

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064278.D
 Acq On : 18 Nov 2019 21:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 11/20/2019 1:11:37 PM

Quant Time: Nov 19 06:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	527953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	790935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	696101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	247939	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	
35) Dibromofluoromethane	7.92	113	251211	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
50) Toluene-d8	10.34	98	904469	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.64	95	306275	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	206207	47.093	ug/l	99
3) Chloromethane	2.21	50	258413	55.020	ug/l	97
4) Vinyl Chloride	2.35	62	299776	59.687	ug/l	100
5) Bromomethane	2.77	94	216821	68.366	ug/l	95
6) Chloroethane	2.92	64	213118	66.407	ug/l	99
7) Trichlorofluoromethane	3.27	101	515792	63.342	ug/l	99
8) Diethyl Ether	3.71	74	132345	59.109	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	231493	49.739	ug/l	97
10) Methyl Iodide	4.29	142	276432	51.948	ug/l	100
11) Tert butyl alcohol	5.26	59	87903	289.844	ug/l	97
12) 1,1-Dichloroethene	4.06	96	229415	51.714	ug/l	97
13) Acrolein	3.92	56	78037	304.161	ug/l	98
14) Allyl chloride	4.71	41	391310	49.888	ug/l	95
15) Acrylonitrile	5.43	53	286458	300.109	ug/l	99
16) Acetone	4.17	43	211649	205.755	ug/l	98
17) Carbon Disulfide	4.40	76	683632	49.483	ug/l	100
18) Methyl Acetate	4.72	43	166557	57.972	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	616479	58.210	ug/l	96
20) Methylene Chloride	4.97	84	271365	52.225	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	271076	53.933	ug/l	95
22) Diisopropyl ether	6.37	45	802749	55.159	ug/l	100
23) Vinyl Acetate	6.31	43	2357416	290.593	ug/l	98
24) 1,1-Dichloroethane	6.27	63	462330	54.713	ug/l	99
25) 2-Butanone	7.23	43	357892	269.303	ug/l	98
26) 2,2-Dichloropropane	7.21	77	385254	46.489	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	304350	56.466	ug/l	96
28) Bromochloromethane	7.55	49	193610	65.811	ug/l	99
29) Tetrahydrofuran	7.57	42	237229	297.107	ug/l	97
30) Chloroform	7.71	83	500693	57.926	ug/l	96
31) Cyclohexane	7.98	56	389422	45.695	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	428880	51.819	ug/l	100
36) 1,1-Dichloropropene	8.11	75	358000	49.043	ug/l	100
37) Ethyl Acetate	7.30	43	167684	54.490	ug/l	98
38) Carbon Tetrachloride	8.10	117	390771	50.030	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	433248	46.905	ug/l	96
40) Benzene	8.36	78	1041218	52.191	ug/l	97
41) Methacrylonitrile	7.53	41	95694	49.475	ug/l #	90
42) 1,2-Dichloroethane	8.43	62	319688	53.354	ug/l	100
43) Isopropyl Acetate	8.46	43	335196	52.865	ug/l	98
44) Trichloroethene	9.11	130	314543	52.532	ug/l	98
45) 1,2-Dichloropropane	9.39	63	260488	53.645	ug/l	96
46) Dibromomethane	9.48	93	148772	57.229	ug/l	99
47) Bromodichloromethane	9.67	83	388023	55.414	ug/l	99
48) Methyl methacrylate	9.46	41	154621	49.871	ug/l	90
49) 1,4-Dioxane	9.47	88	37006	1185.295	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	836291	275.041	ug/l	99
52) Toluene	10.41	92	692382	52.779	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	366108	52.188	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	432266	52.805	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	203502	57.706	ug/l	98
56) Ethyl methacrylate	10.67	69	273217	55.384	ug/l	97
57) 1,3-Dichloropropane	10.95	76	347762	56.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	552073	276.272	ug/l	98
59) 2-Hexanone	10.99	43	567238	262.219	ug/l	98
60) Dibromochloromethane	11.14	129	279907	56.882	ug/l	99
61) 1,2-Dibromoethane	11.25	107	205613	58.212	ug/l	99
64) Tetrachloroethene	10.88	164	263624	49.242	ug/l	97
65) Chlorobenzene	11.67	112	744819	52.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	290197	53.916	ug/l	99
67) Ethyl Benzene	11.75	91	1318192	51.483	ug/l	98
68) m/p-Xylenes	11.86	106	1007385	102.645	ug/l	99
69) o-Xylene	12.18	106	471849	51.840	ug/l	99
70) Styrene	12.20	104	830010	52.240	ug/l	99
71) Bromoform	12.37	173	178400	58.241	ug/l	99
73) Isopropylbenzene	12.48	105	1267783	49.905	ug/l	100
74) N-amyl acetate	12.30	43	302401	50.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	214010	55.908	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	142963m	51.282	ug/l	
77) Bromobenzene	12.77	156	330892	53.614	ug/l	97
78) n-propylbenzene	12.83	91	1447161	49.860	ug/l	99
79) 2-Chlorotoluene	12.91	91	809725	49.414	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	1044091	50.018	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	69827	49.755	ug/l	97
82) 4-Chlorotoluene	13.01	91	851493	49.820	ug/l	98
83) tert-Butylbenzene	13.23	119	901149	48.958	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1046082	50.760	ug/l	99
85) sec-Butylbenzene	13.41	105	1215584	49.171	ug/l	100
86) p-Isopropyltoluene	13.53	119	1147607	48.828	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	604838	52.794	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	591134	52.868	ug/l	99
89) n-Butylbenzene	13.85	91	1024571	48.252	ug/l	99
90) Hexachloroethane	14.12	117	221634	51.026	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	524260	54.065	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34812	50.865	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	399674	53.430	ug/l	99
94) Hexachlorobutadiene	15.28	225	243667	50.433	ug/l	100
95) Naphthalene	15.41	128	682029	55.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	346704	54.526	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

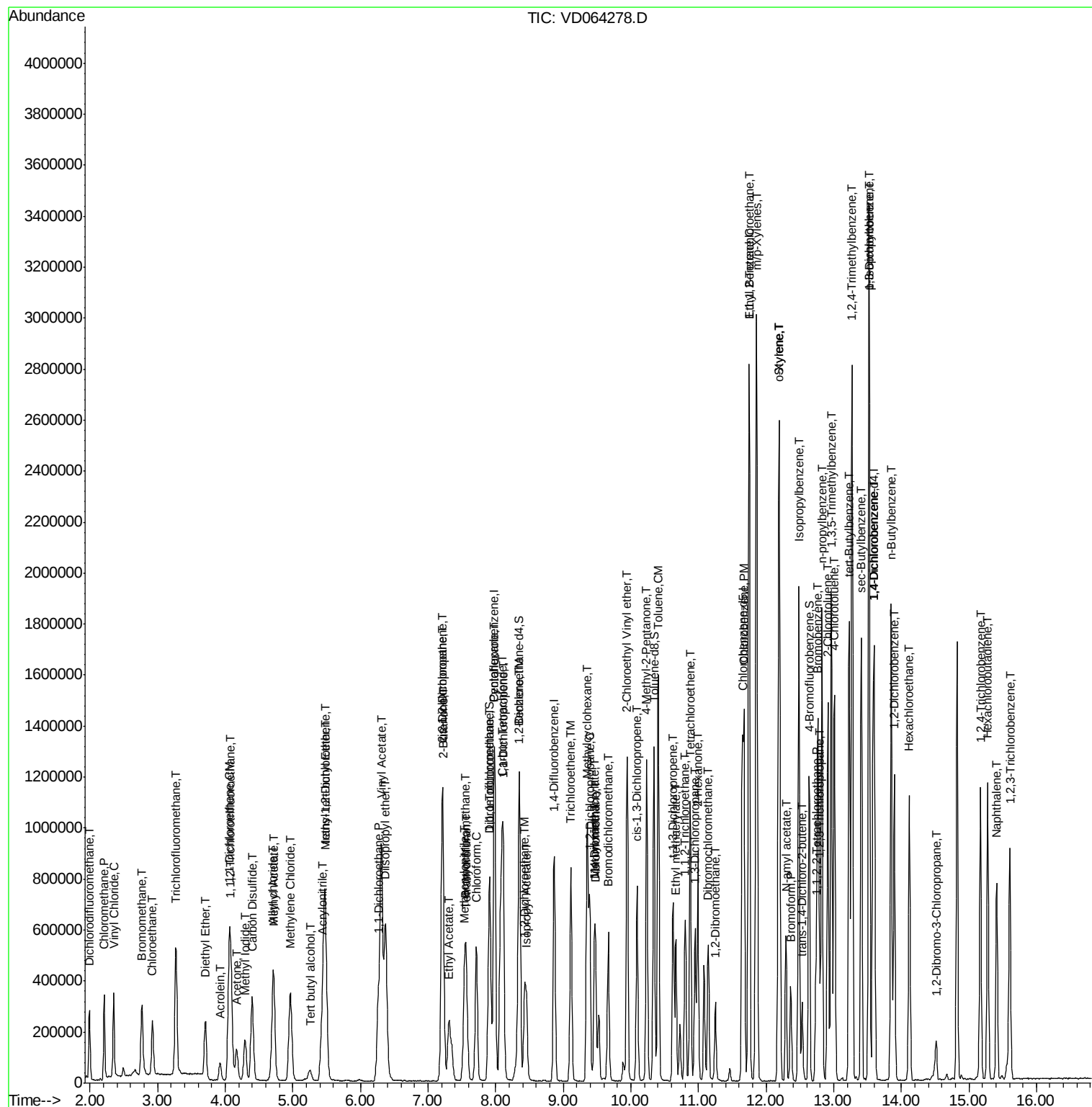
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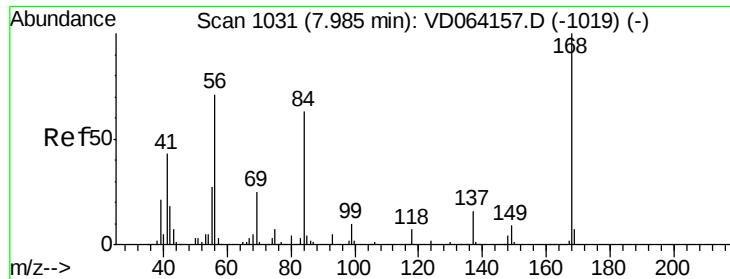
Instrument :
 MSVOA_D
 ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 527953

Ion Ratio Lower Upper

168 100

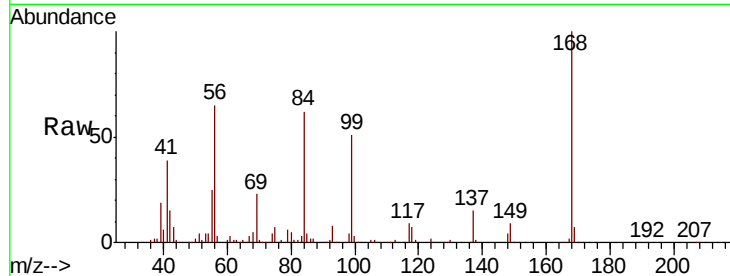
99 50.7 41.6 62.4

Manual Integrations

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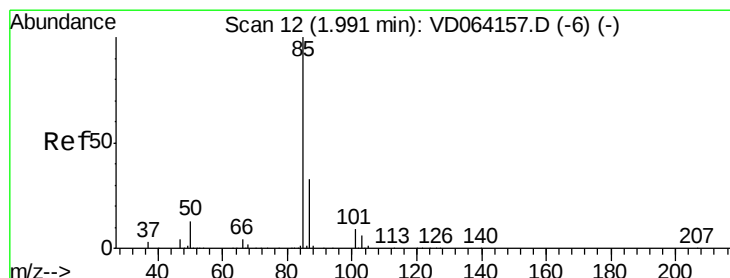
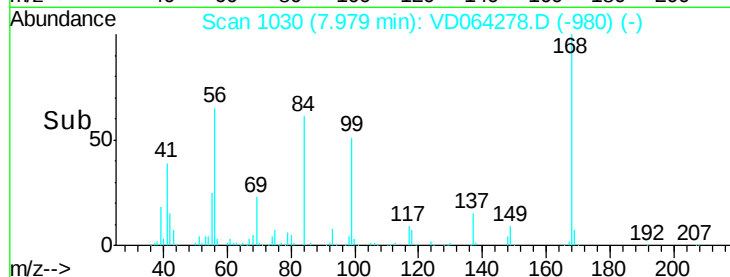
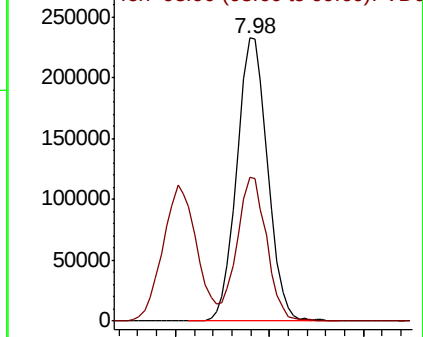
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.093 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064278.D

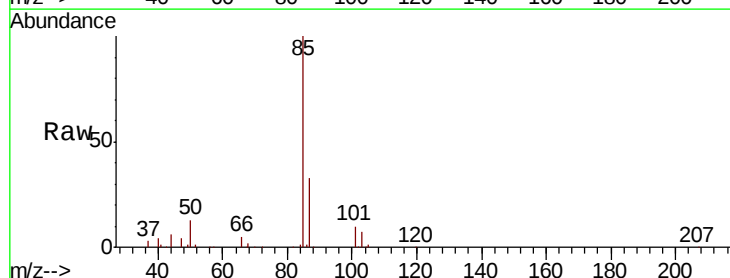
Acq: 18 Nov 2019 21:44

Tgt Ion: 85 Resp: 206207

Ion Ratio Lower Upper

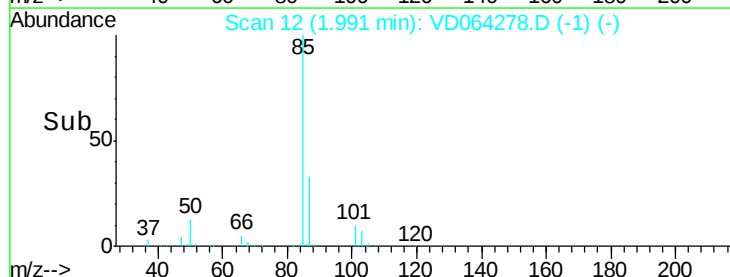
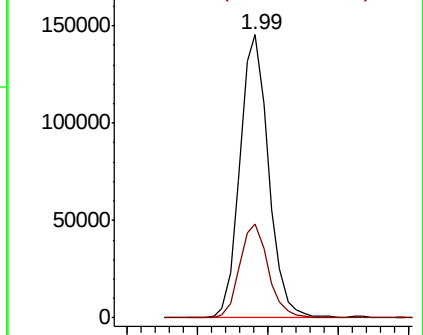
85 100

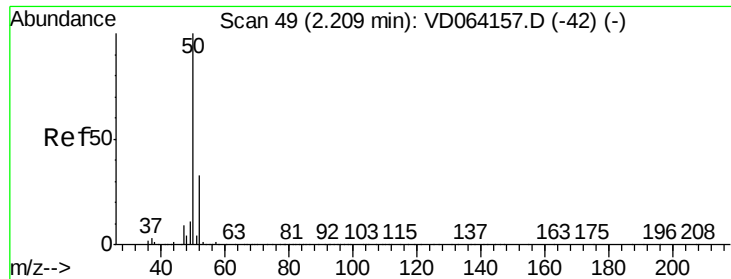
87 33.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 55.020 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 258413

Ion Ratio Lower Upper

50 100

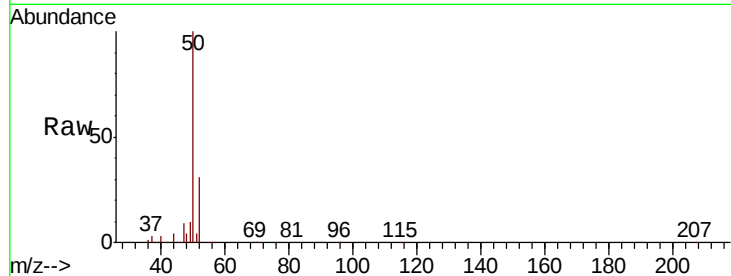
52 31.0 26.2 39.4

Manual Integrations

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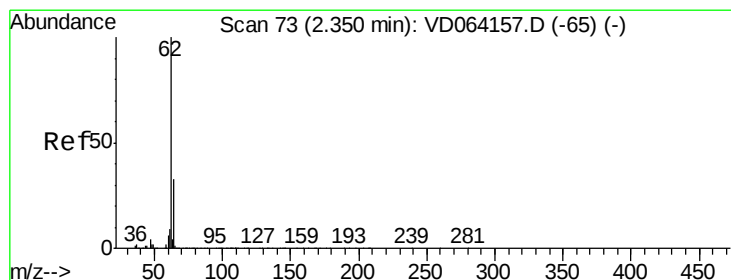
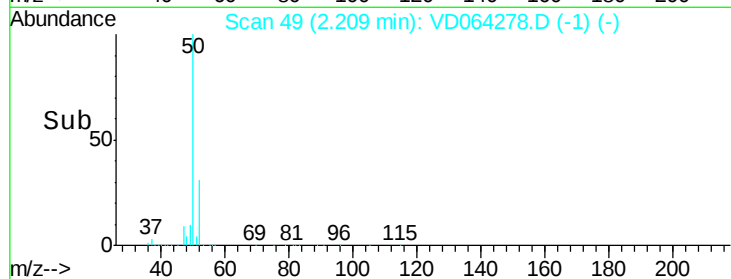
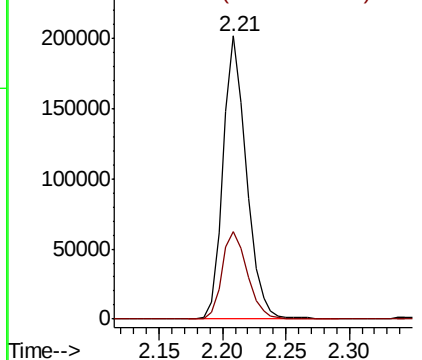
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 59.687 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064278.D

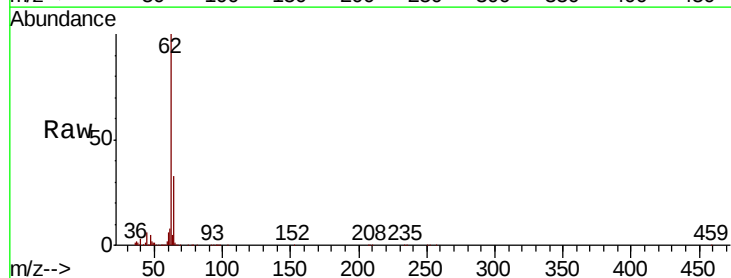
Acq: 18 Nov 2019 21:44

Tgt Ion: 62 Resp: 299776

Ion Ratio Lower Upper

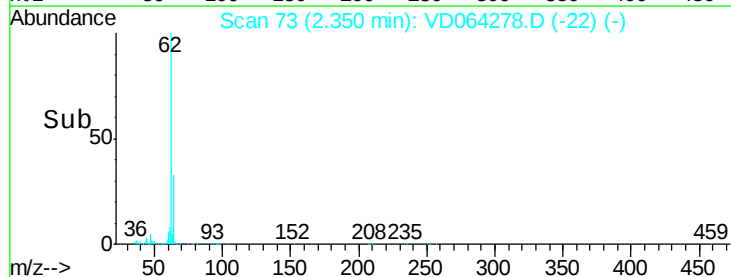
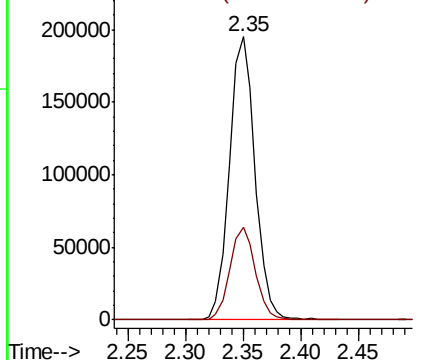
62 100

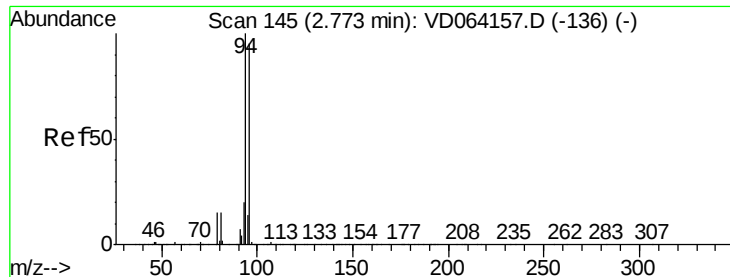
64 32.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 68.366 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

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Tot Ion: 94 Resp: 216821

Ion Ratio Lower Upper

94 100

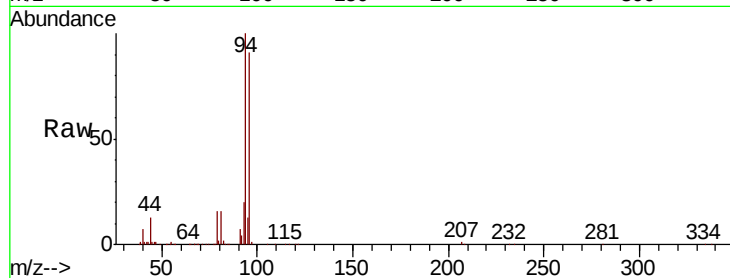
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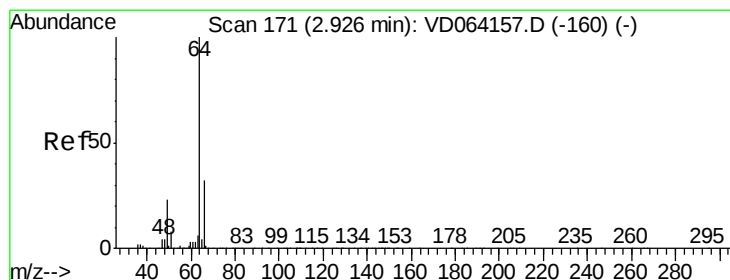
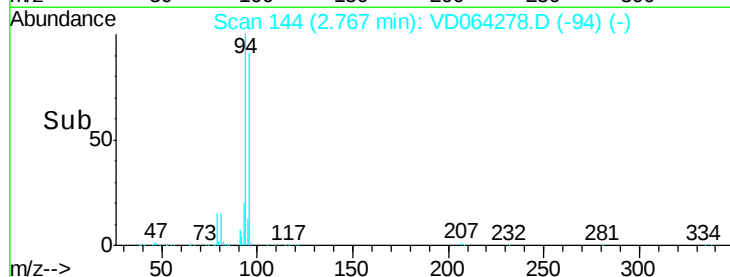
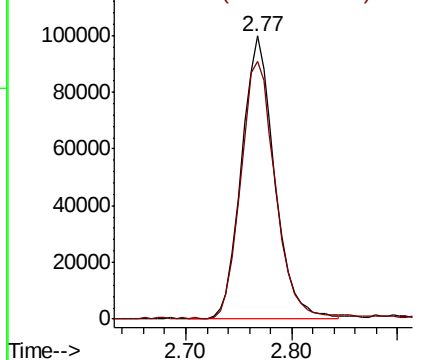
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 66.407 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

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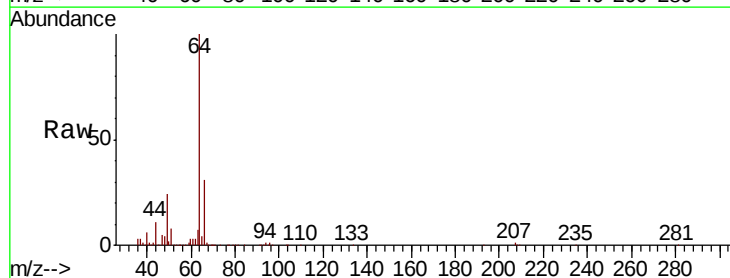
Acq: 18 Nov 2019 21:44

Tgt Ion: 64 Resp: 213118

Ion Ratio Lower Upper

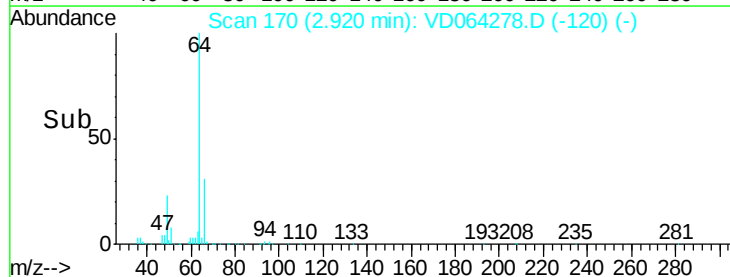
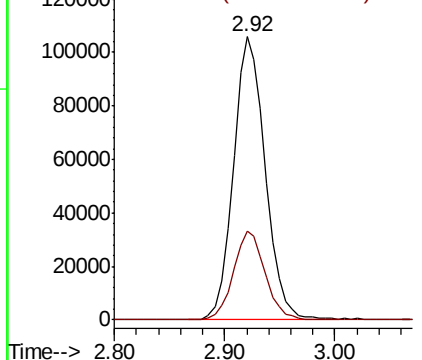
64 100

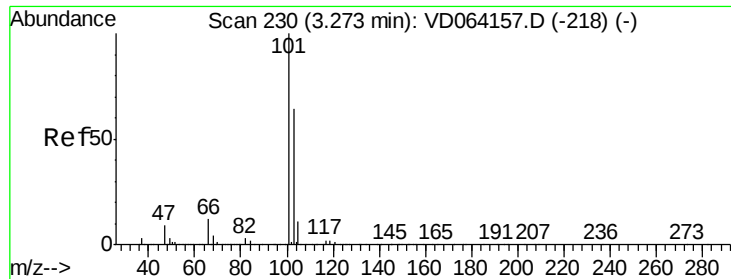
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

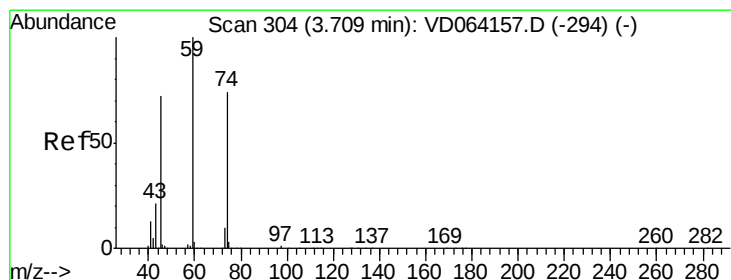
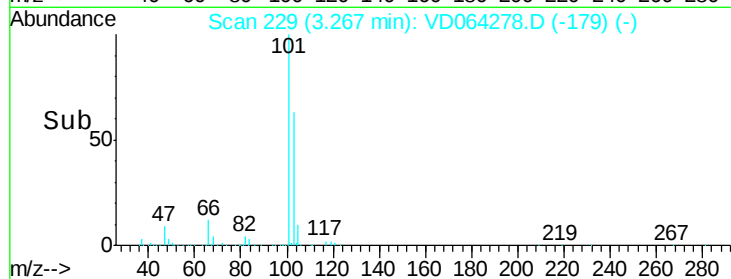
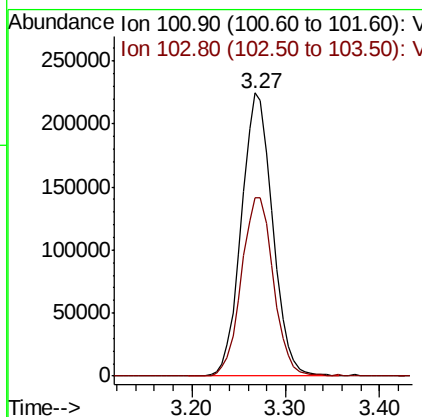
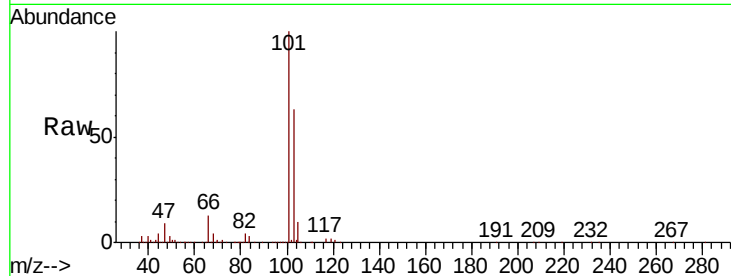
Trichlorofluoromethane
Concen: 63.342 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.8	76.2

Manual Integrations
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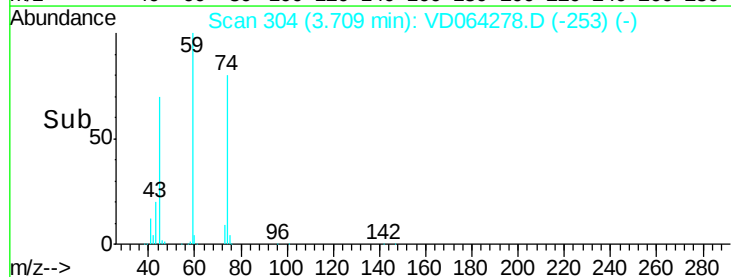
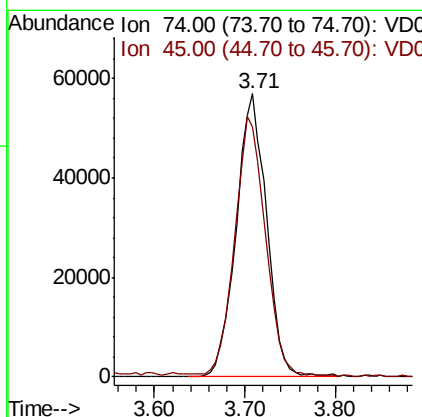
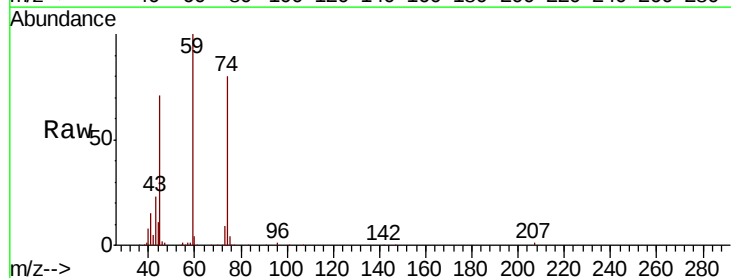
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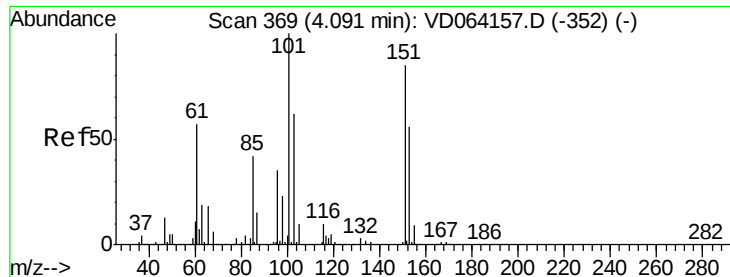


#8

Diethyl Ether
Concen: 59.109 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	47.9	143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.739 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

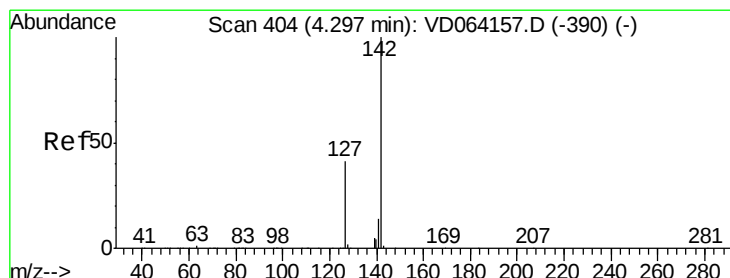
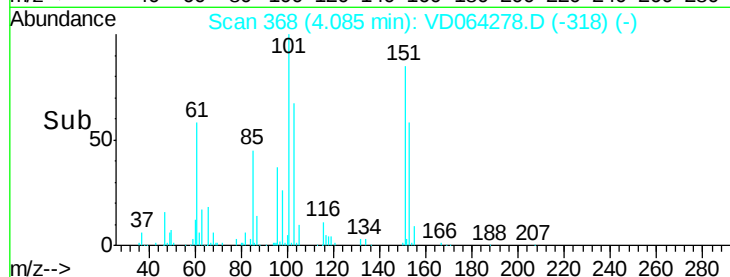
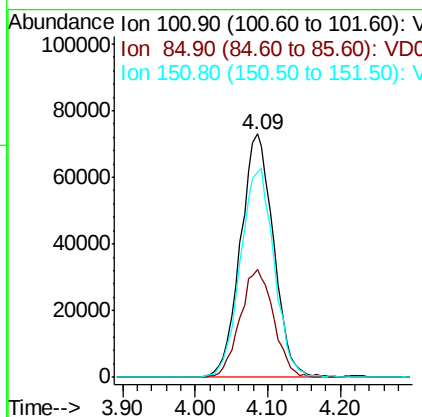
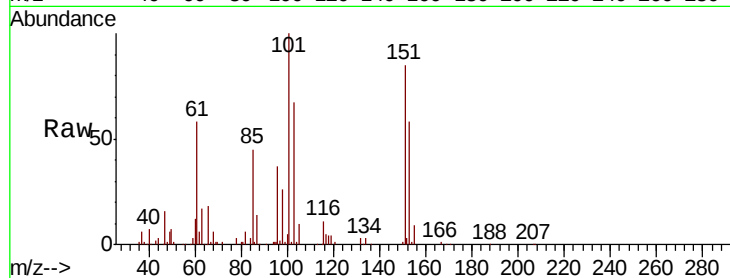
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	231493
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.4	51.6
151	87.3	68.1	102.1

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#10

Methyl Iodide

Concen: 51.948 ug/l

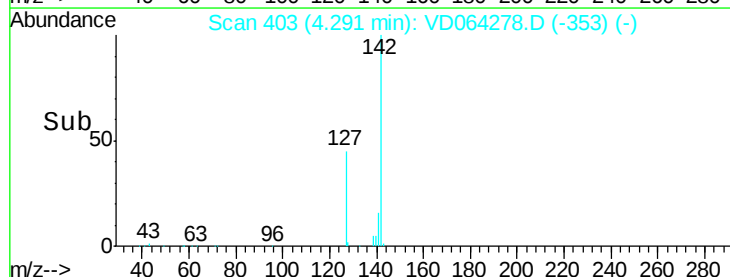
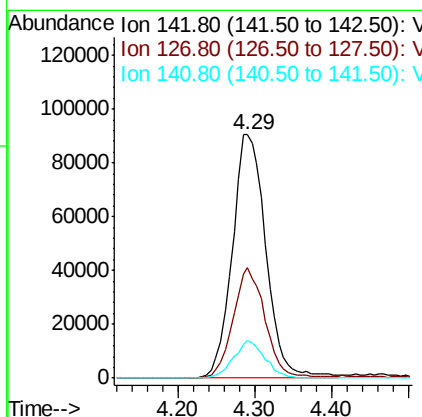
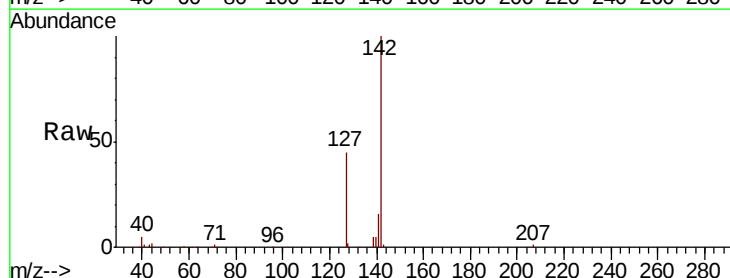
RT: 4.29 min Scan# 403

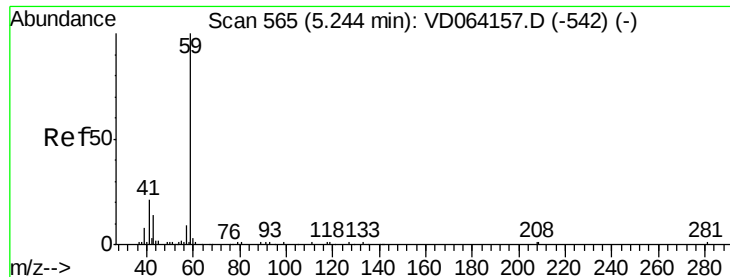
Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion:	142	Resp:	276432
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.4	51.6
141	14.4	11.2	16.8





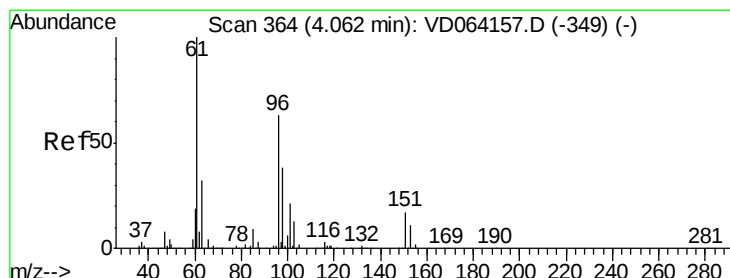
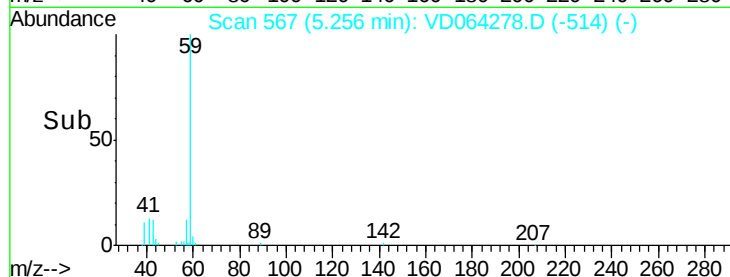
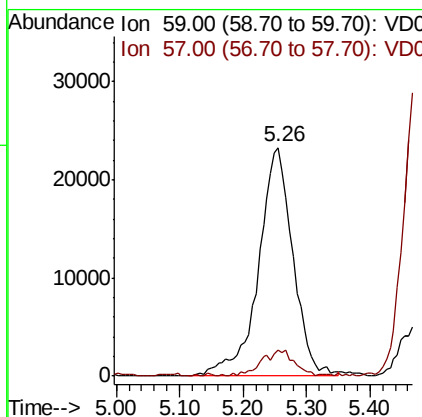
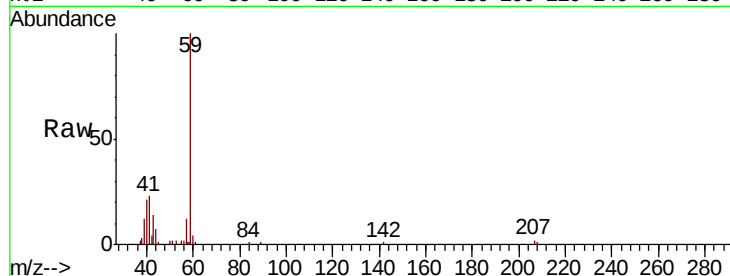
#11
Tert butyl alcohol
Concen: 289.844 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.4	14.2

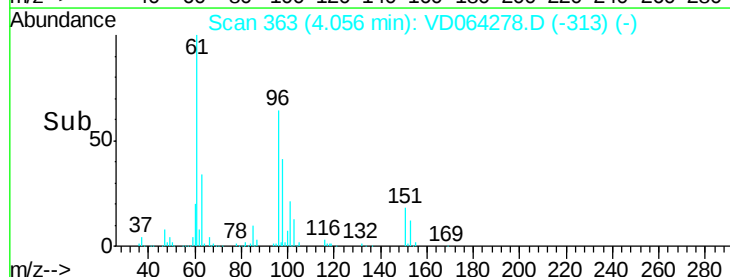
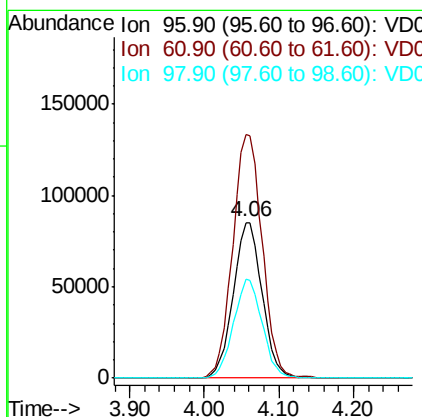
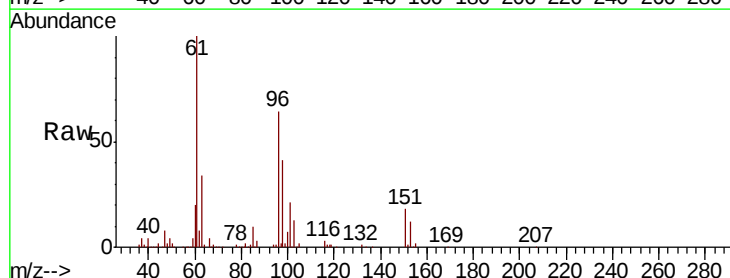
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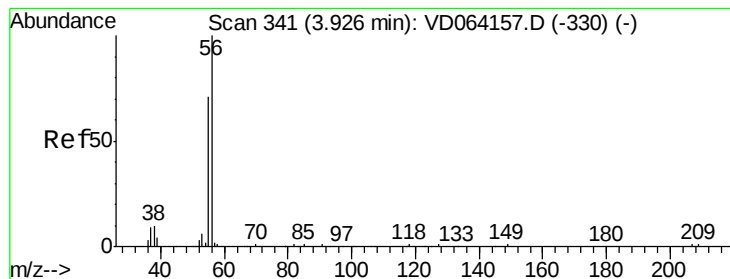
MMDadoda
11/20/2019 1:11:37 PM



#12
1,1-Dichloroethene
Concen: 51.714 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	127.4	191.2
98	63.5	48.1	72.1





#13

Acrolein

Concen: 304.161 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 78037

Ion Ratio Lower Upper

56 100

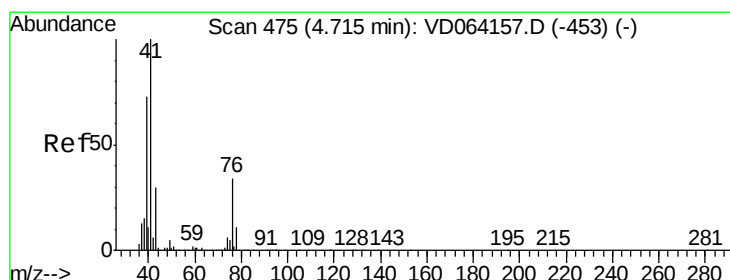
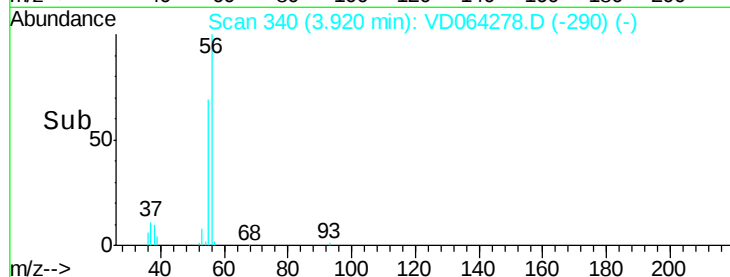
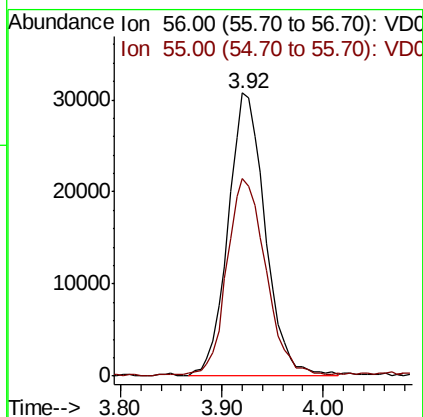
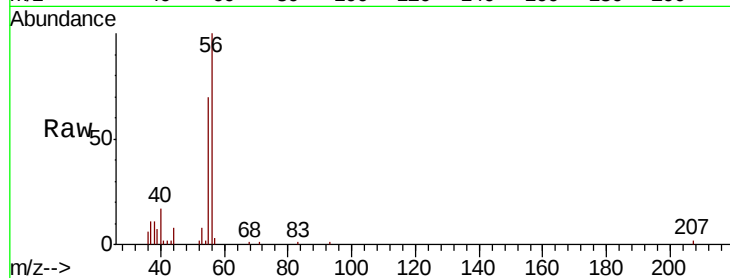
55 71.6 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 49.888 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

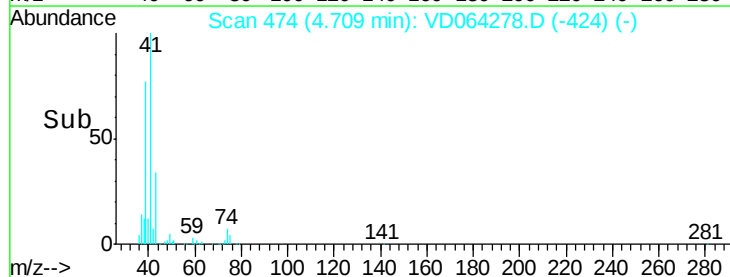
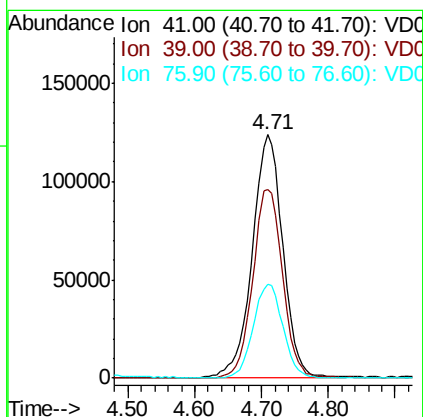
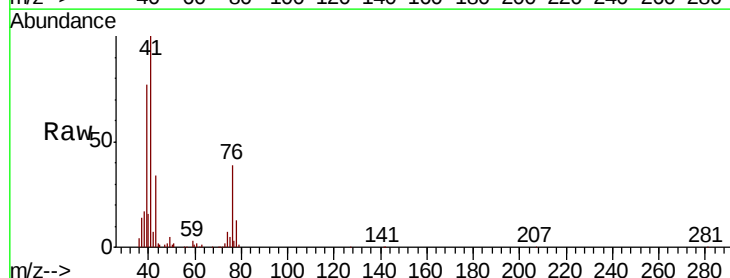
Tgt Ion: 41 Resp: 391310

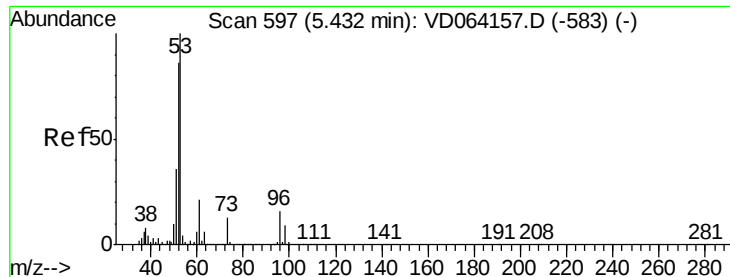
Ion Ratio Lower Upper

41 100

39 75.3 57.5 86.3

76 37.4 26.8 40.2





#15

Acrylonitrile

Concen: 300.109 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

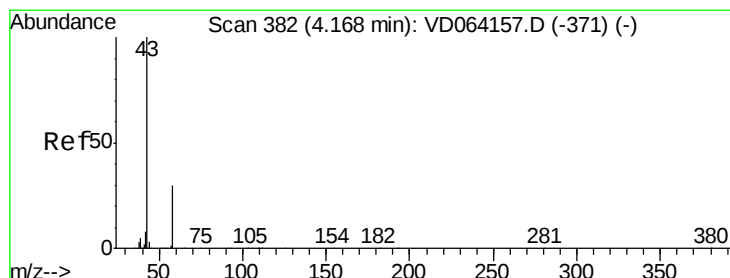
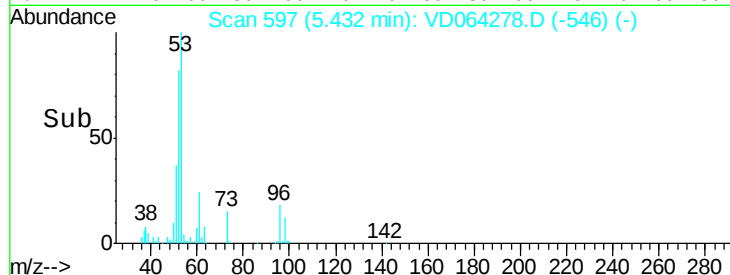
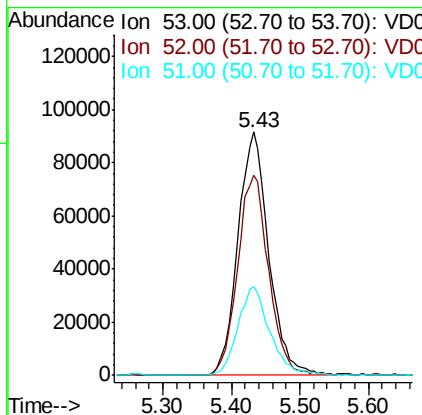
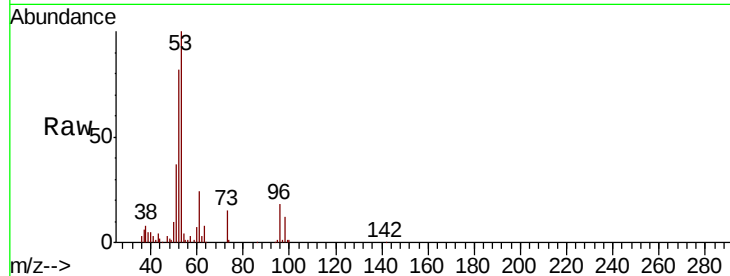
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	286458
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.7	100.1
51	37.8	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 205.755 ug/l

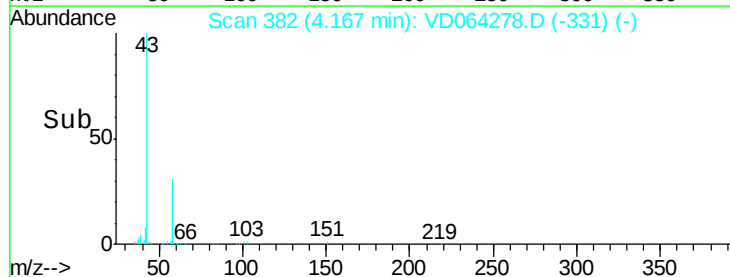
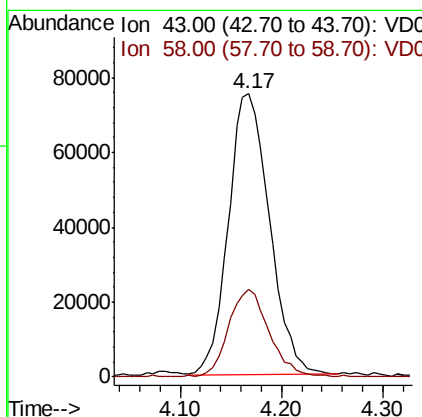
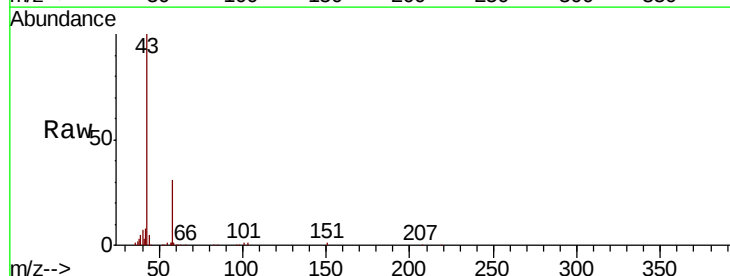
RT: 4.17 min Scan# 382

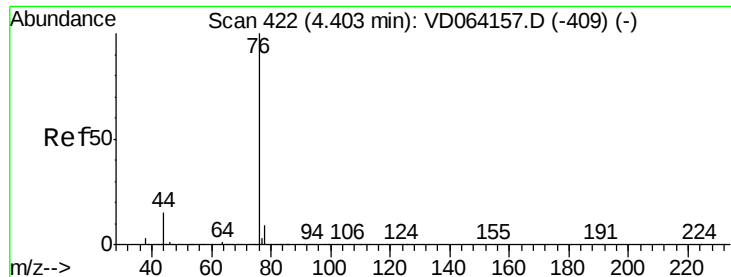
Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion:	43	Resp:	211649
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.1	36.1





#17

Carbon Disulfide

Concen: 49.483 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 683632

Ion Ratio Lower Upper

76 100

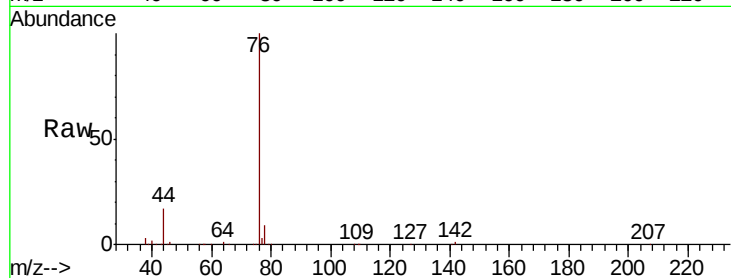
78 9.2 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

250000

200000

150000

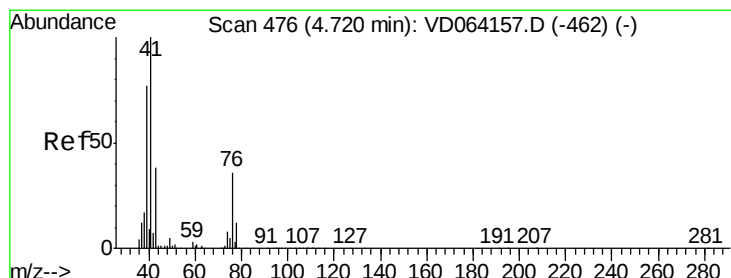
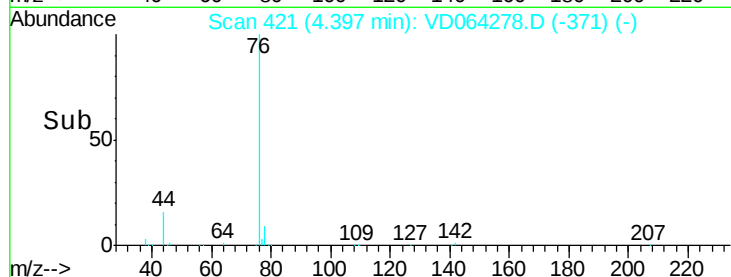
100000

50000

0

4.30 4.40 4.50

Time-->



#18

Methyl Acetate

Concen: 57.972 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD064278.D

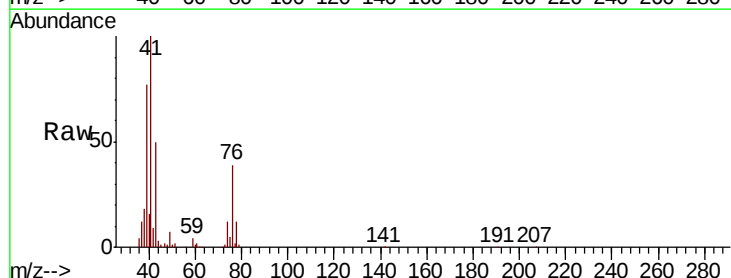
Acq: 18 Nov 2019 21:44

Tgt Ion: 43 Resp: 166557

Ion Ratio Lower Upper

43 100

74 24.1 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

60000

50000

40000

30000

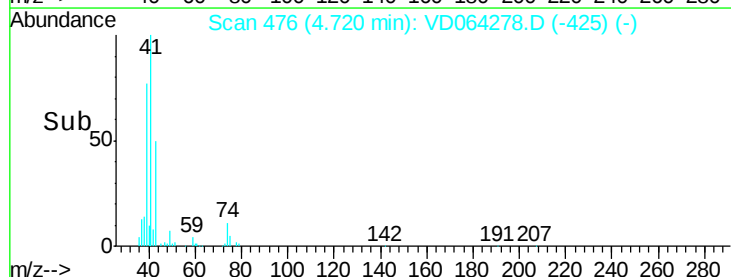
20000

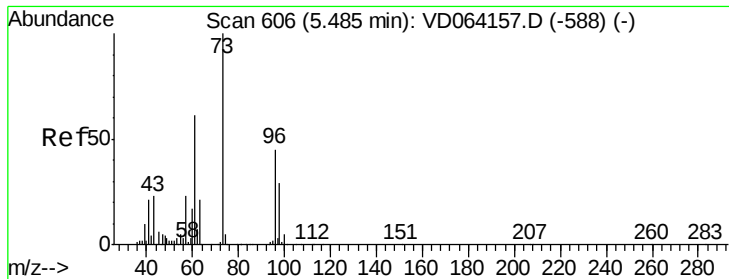
10000

0

4.60 4.70 4.80 4.90

Time-->





#19

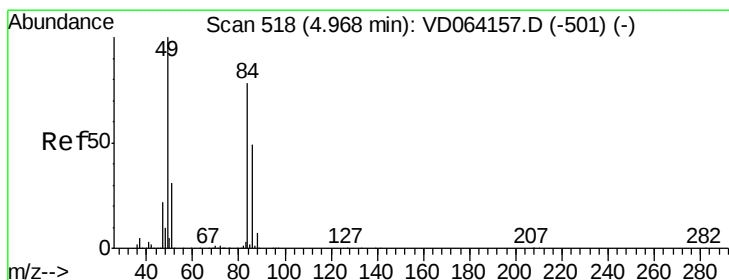
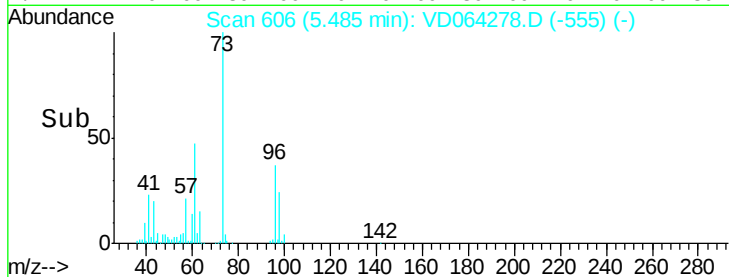
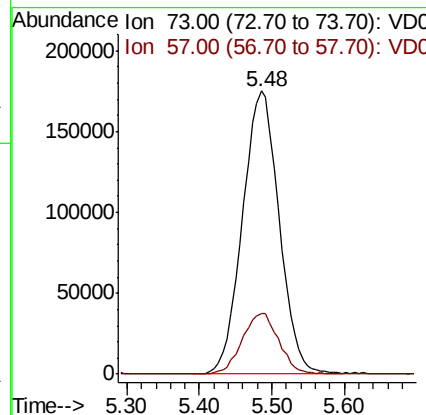
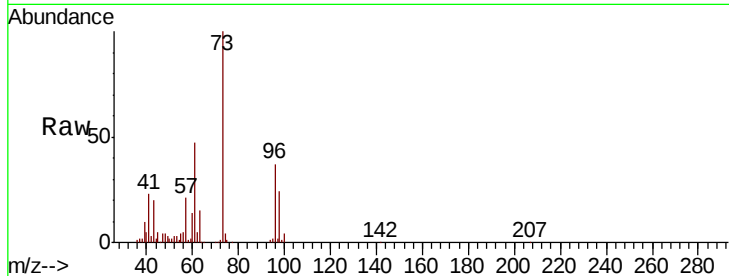
Methyl tert-butyl Ether
 Concen: 58.210 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.4	27.6

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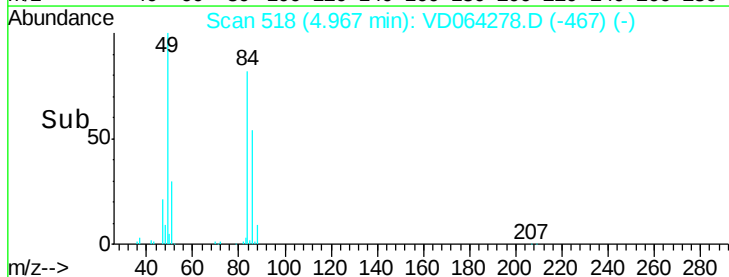
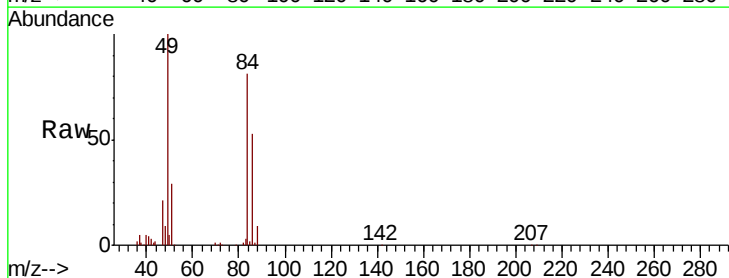
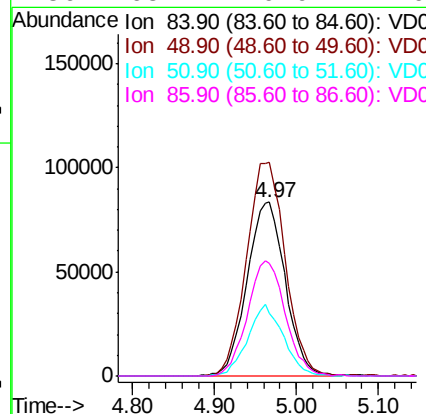
MMDadoda
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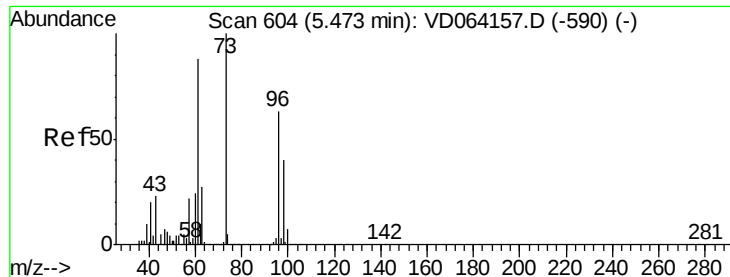


#20

Methylene Chloride
 Concen: 52.225 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	102.1	153.1
51	36.2	32.2	48.2
86	65.1	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 53.933 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 271076

Ion Ratio Lower Upper

96 100

61 131.9 111.8 167.6

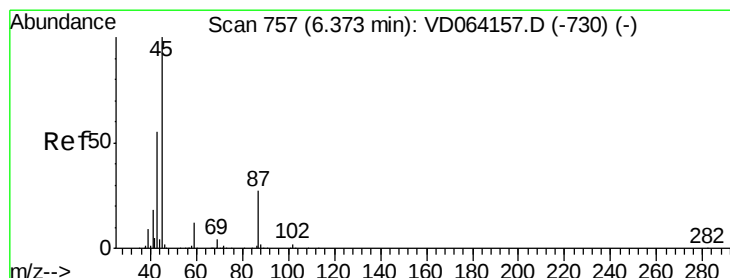
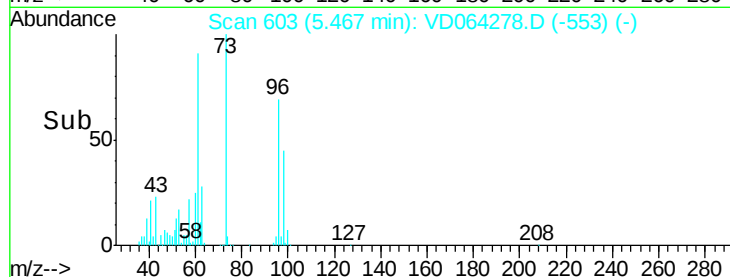
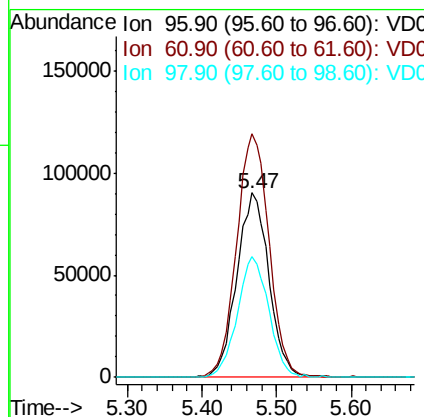
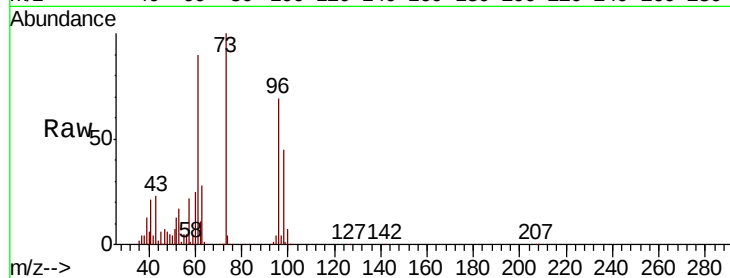
98 65.2 50.3 75.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 55.159 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion: 45 Resp: 802749

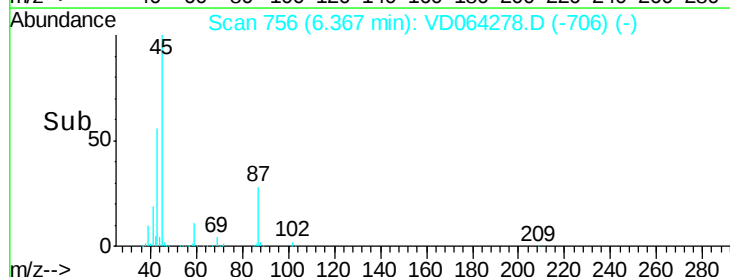
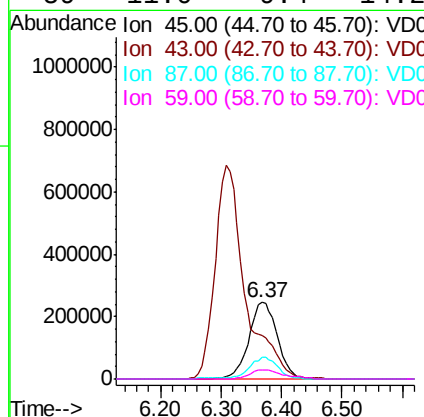
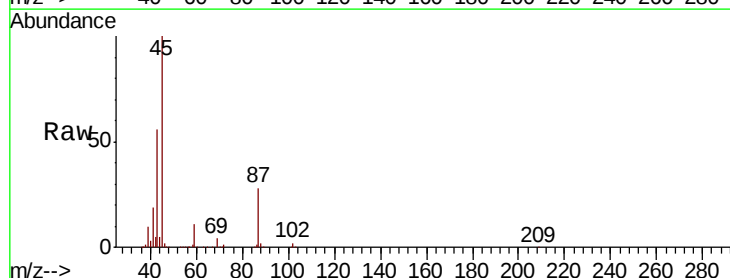
Ion Ratio Lower Upper

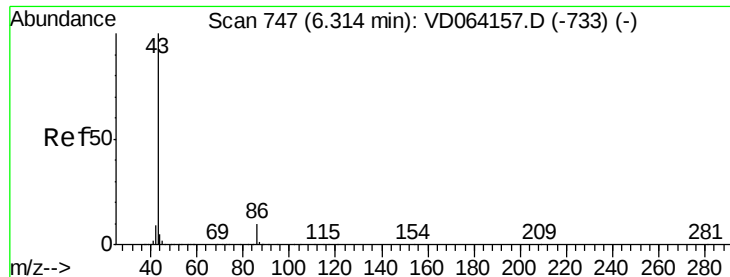
45 100

43 55.3 44.4 66.6

87 27.5 21.9 32.9

59 11.0 9.4 14.2





#23

Vinyl Acetate

Concen: 290.593 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2357416

Ion Ratio Lower Upper

43 100

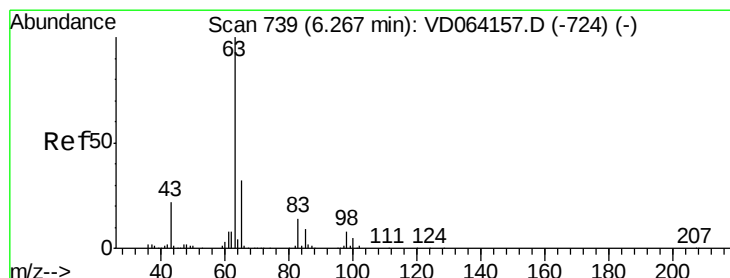
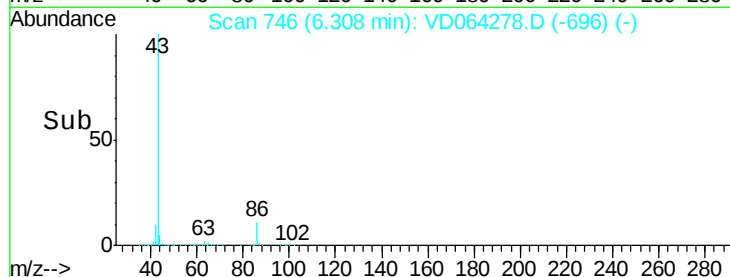
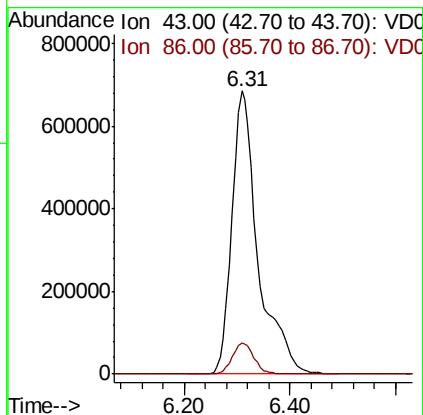
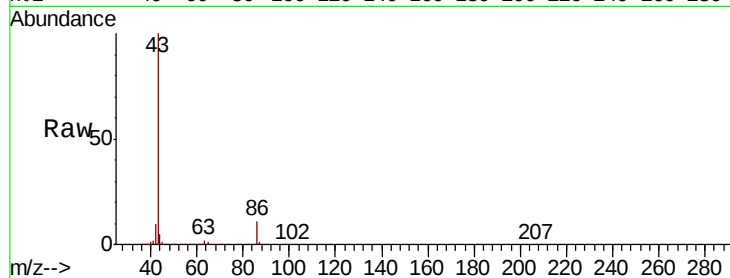
86 11.0 8.2 12.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.713 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

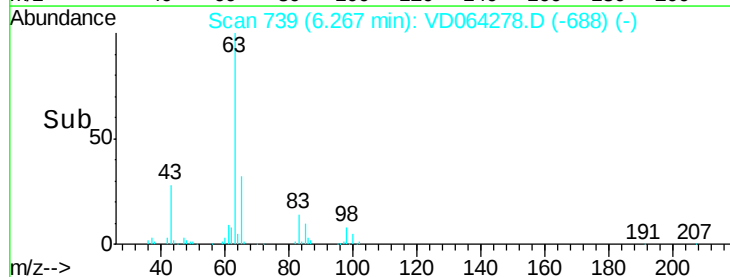
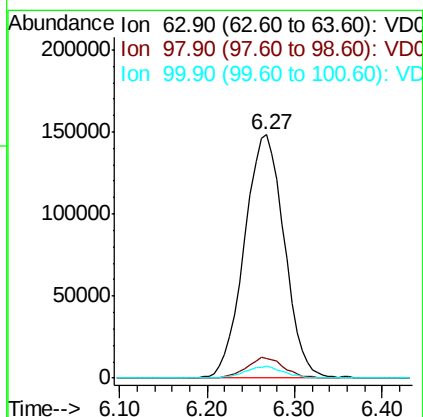
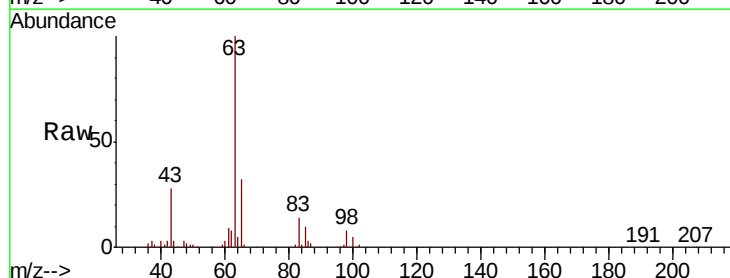
Tgt Ion: 63 Resp: 462330

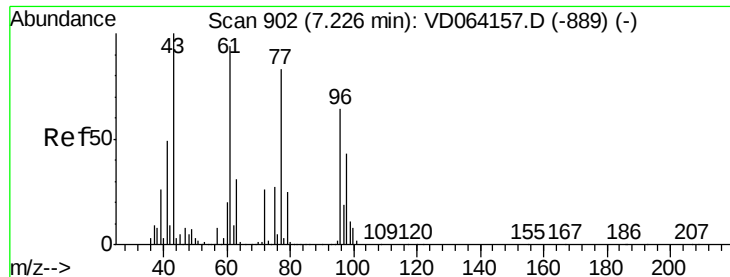
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 269.303 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 357892

Ion Ratio Lower Upper

43 100

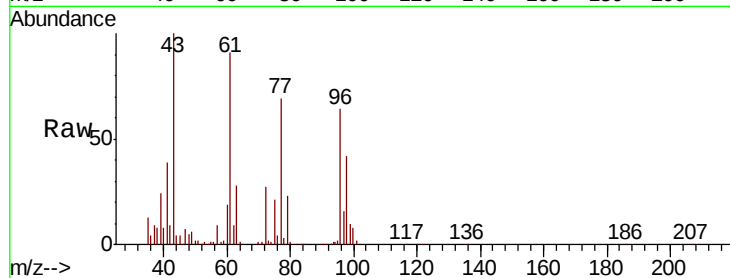
72 26.9 20.6 30.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

150000

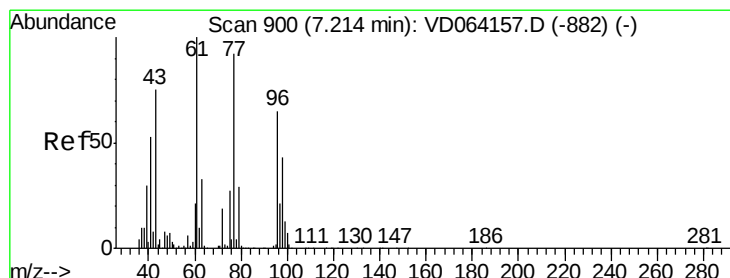
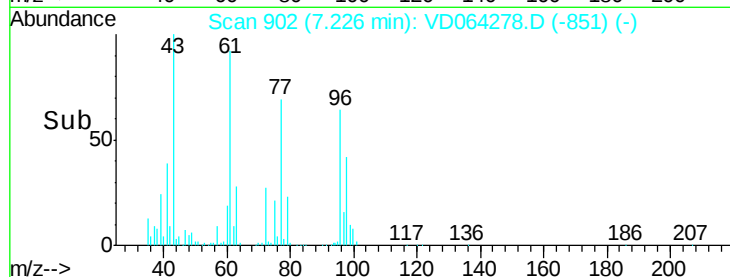
100000

50000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#26

2,2-Dichloropropane

Concen: 46.489 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064278.D

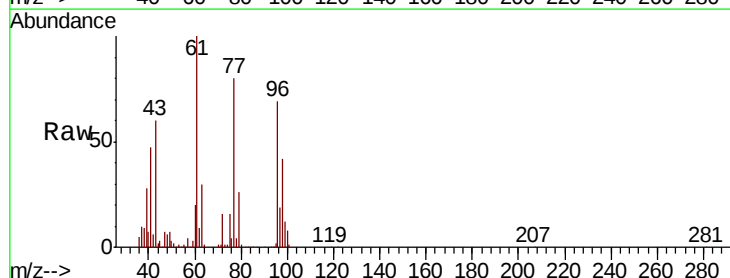
Acq: 18 Nov 2019 21:44

Tgt Ion: 77 Resp: 385254

Ion Ratio Lower Upper

77 100

97 23.1 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

150000

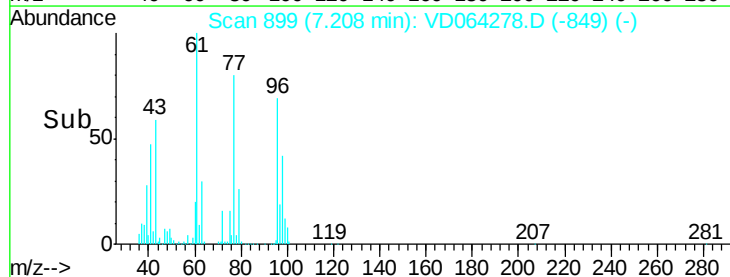
100000

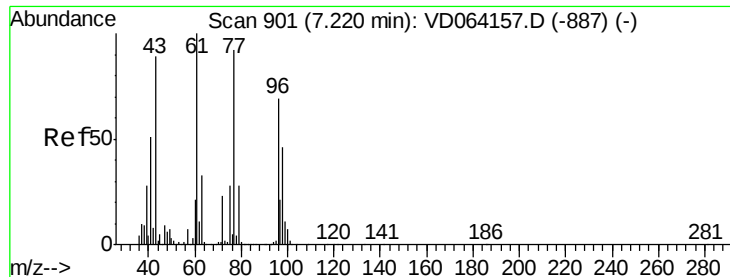
50000

0

7.10 7.20 7.30

Time-->





#27

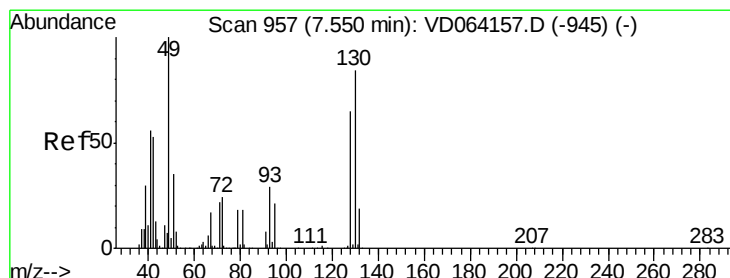
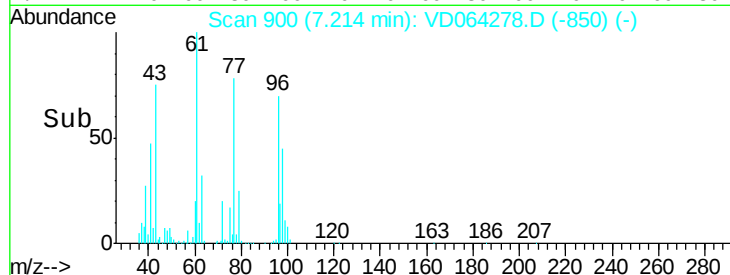
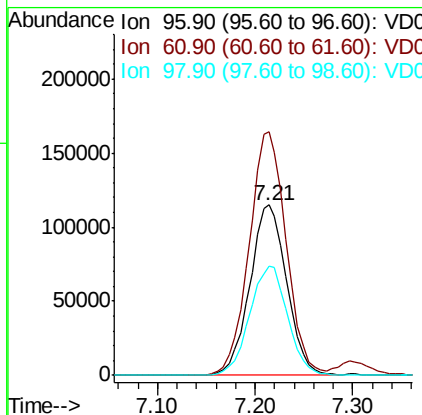
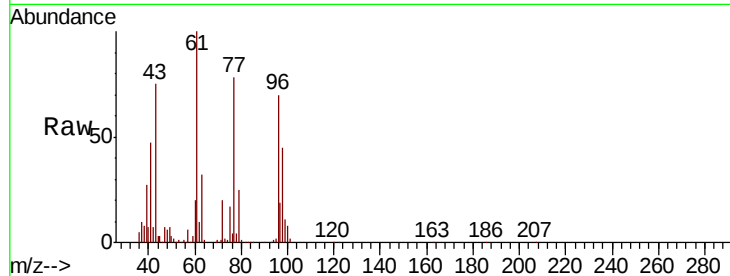
cis-1,2-Dichloroethene
Concen: 56.466 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	304350		
61	143.2	0.0	301.4	
98	66.1	0.0	133.2	

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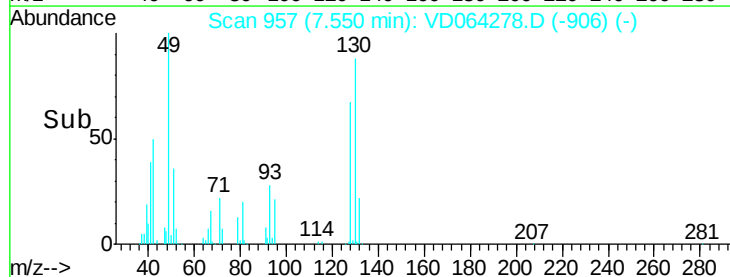
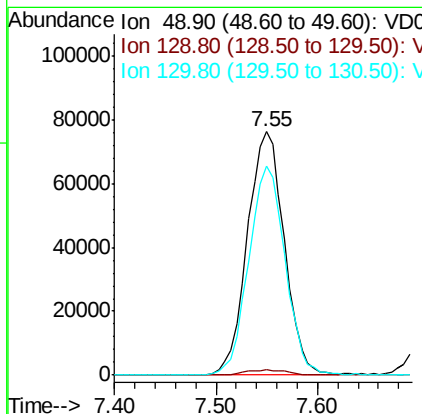
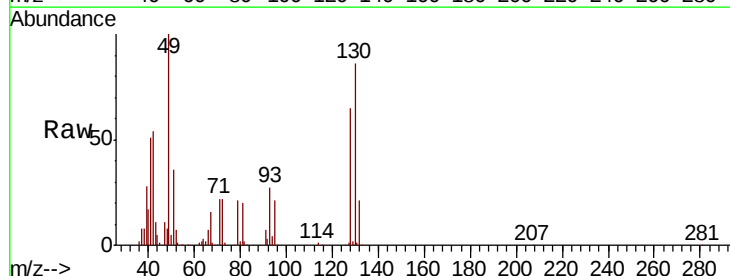
MMDadoda
11/20/2019 1:11:37 PM

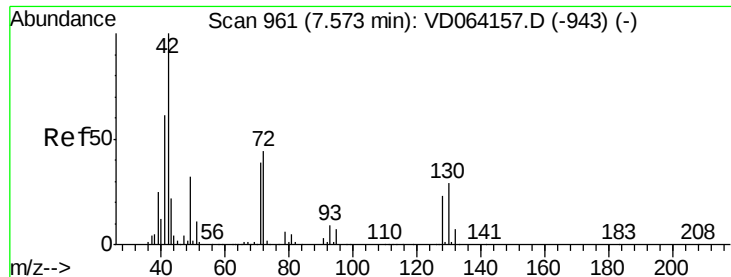


#28

Bromochloromethane
Concen: 65.811 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	193610		
129	2.4	0.0	4.4	
130	84.9	66.8	100.2	





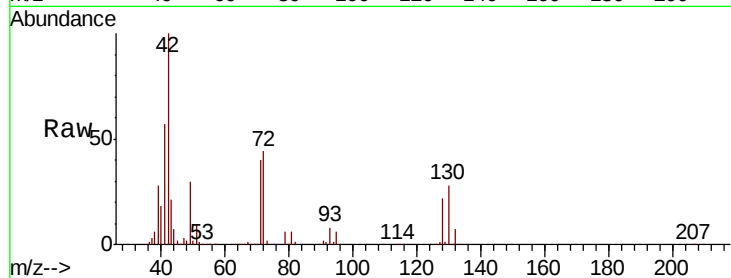
#29
Tetrahydrofuran
Concen: 297.107 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

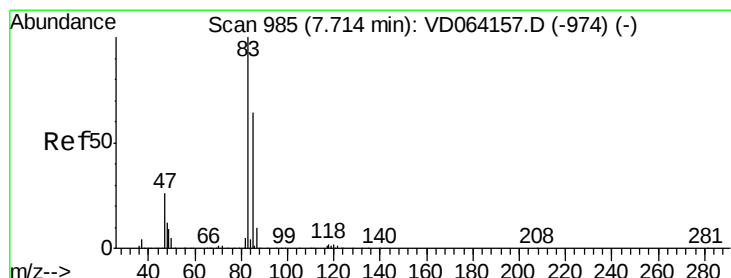
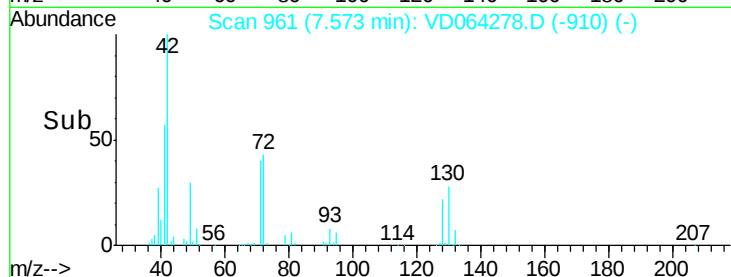
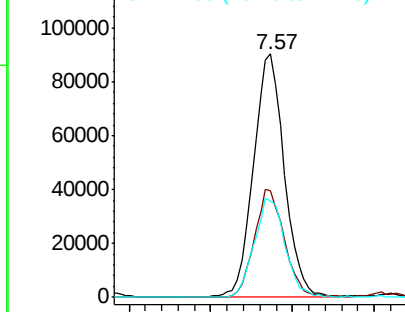
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	33.4	50.2
71	40.9	31.0	46.4

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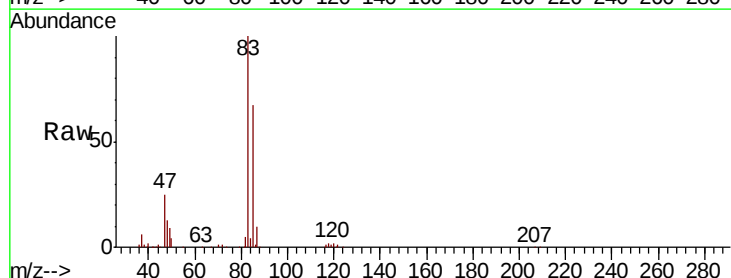


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

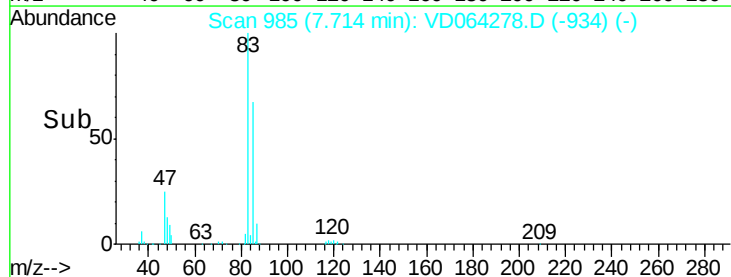
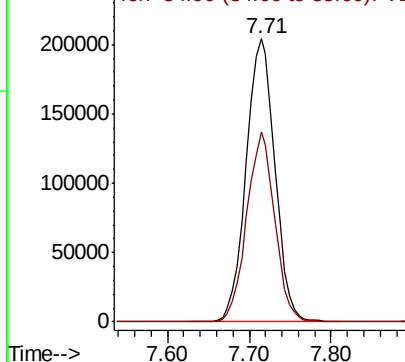


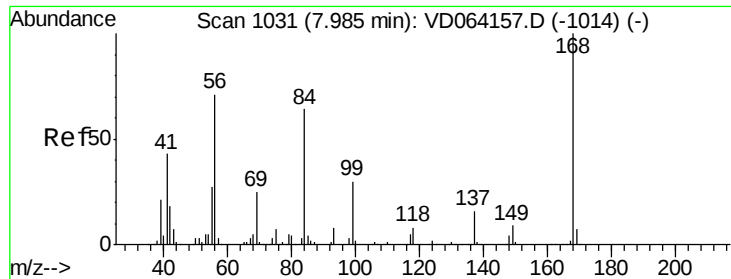
#30
Chloroform
Concen: 57.926 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.4	77.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





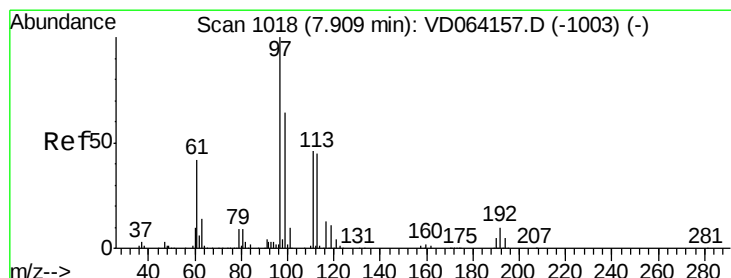
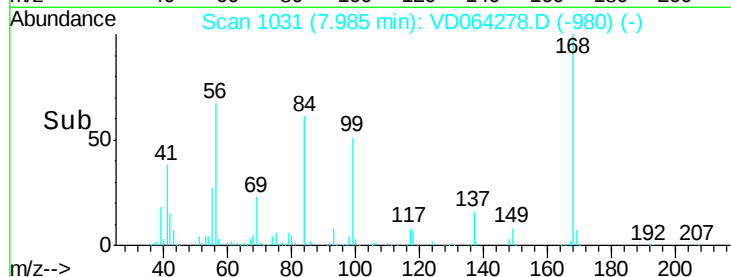
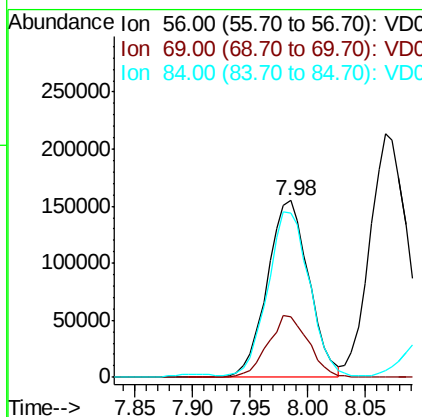
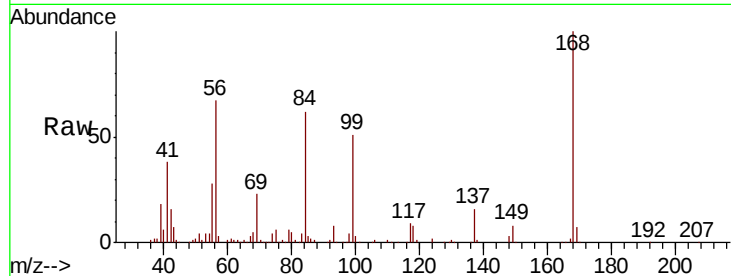
#31
Cyclohexane
Concen: 45.695 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.9	28.2	42.4	
84	91.6	71.8	107.6	

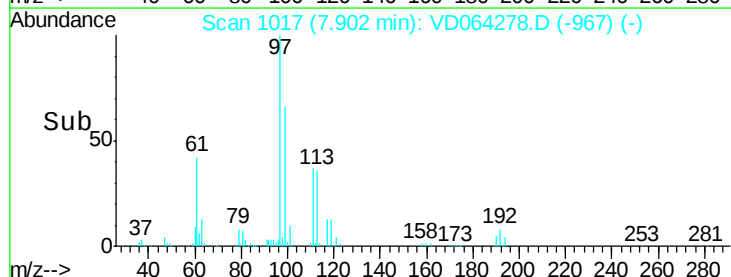
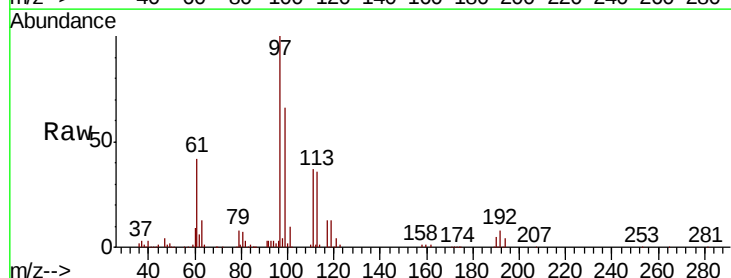
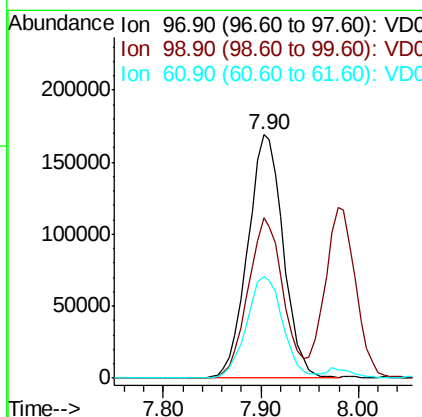
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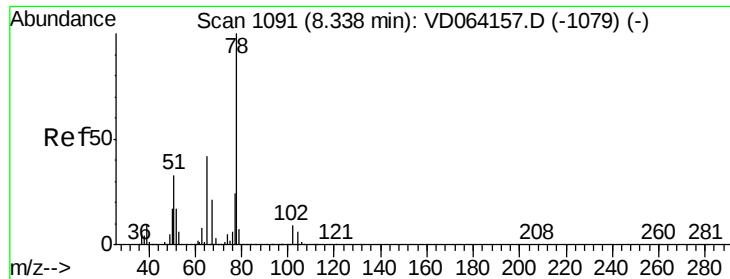
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#32
1,1,1-Trichloroethane
Concen: 51.819 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.9	51.6	77.4	
61	42.5	34.2	51.2	





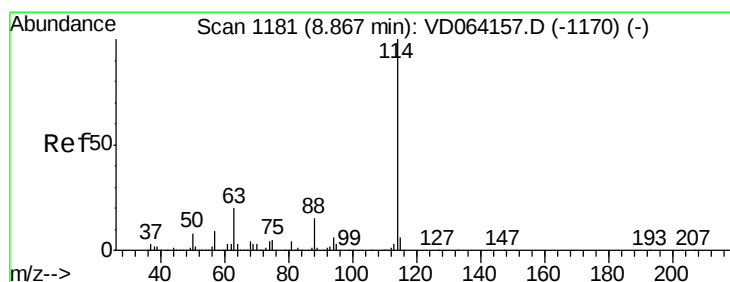
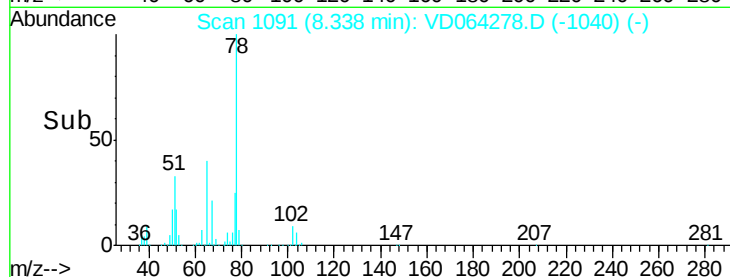
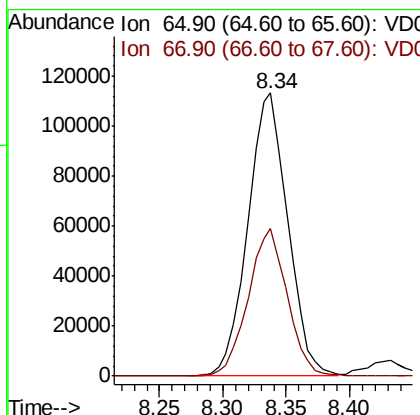
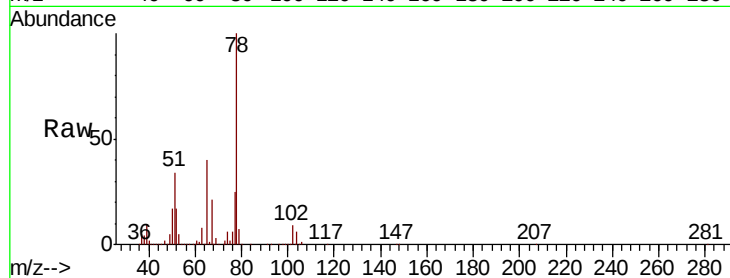
#33
 1,2-Dichloroethane-d4
 Concen: 57.101 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4

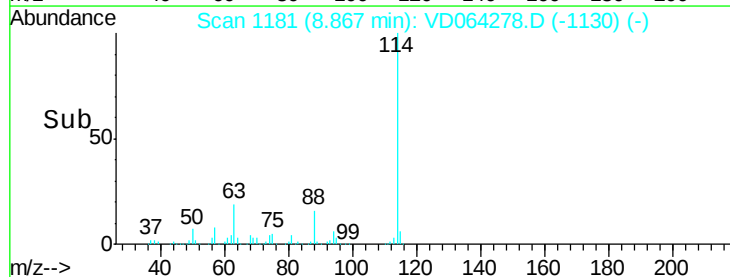
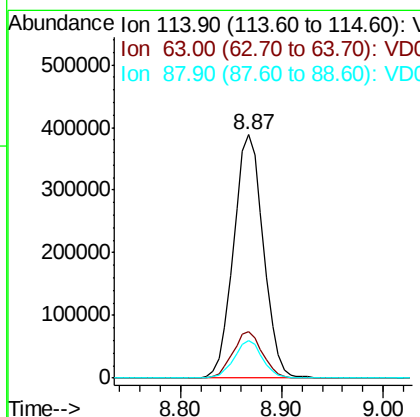
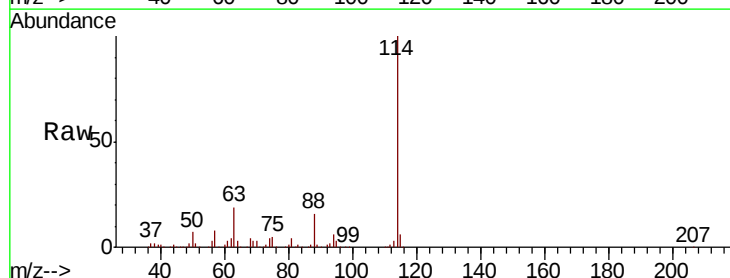
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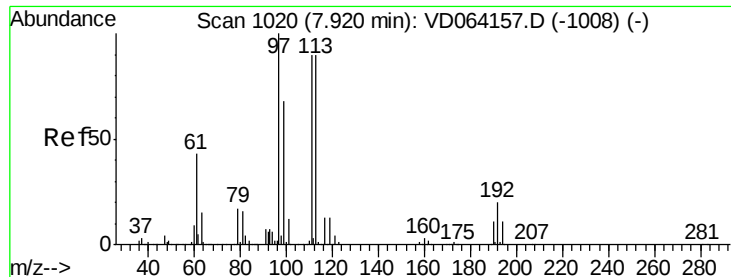
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.6	0.0	30.2





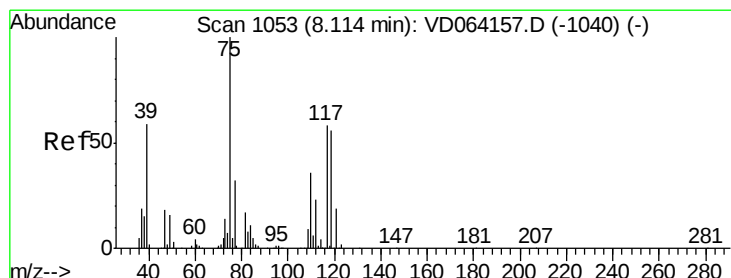
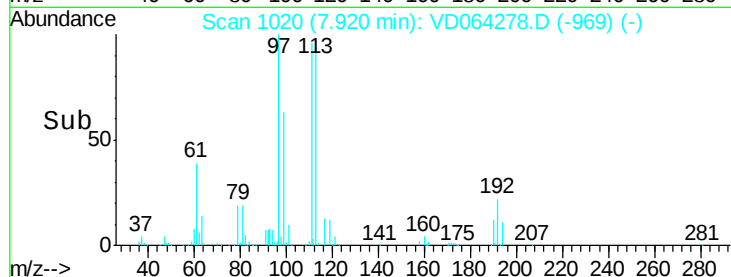
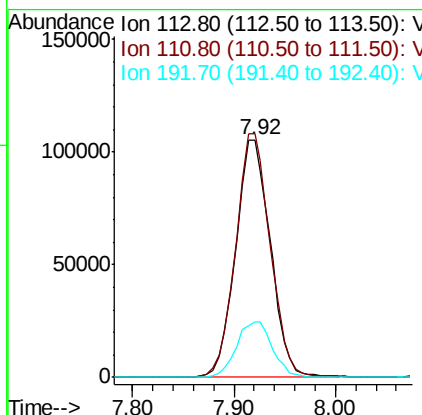
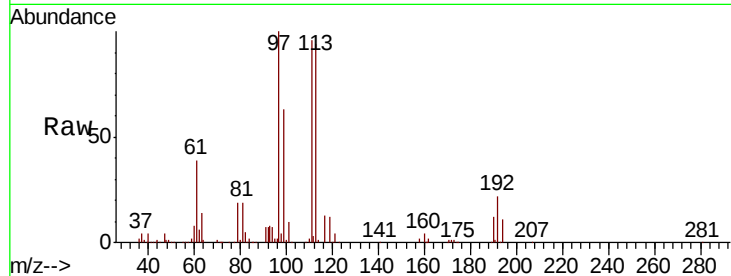
#35
Dibromofluoromethane
Concen: 55.332 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	251211		
111	102.4	81.5	122.3	
192	23.9	18.8	28.2	

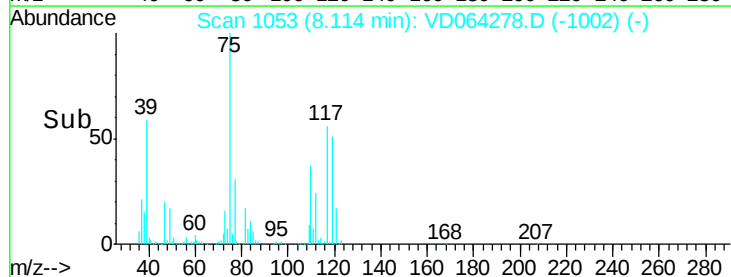
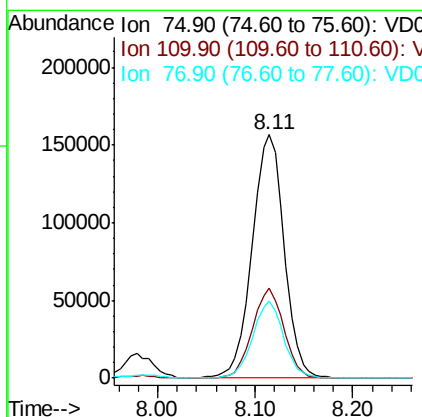
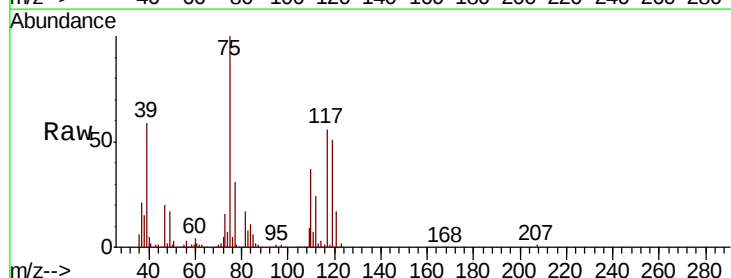
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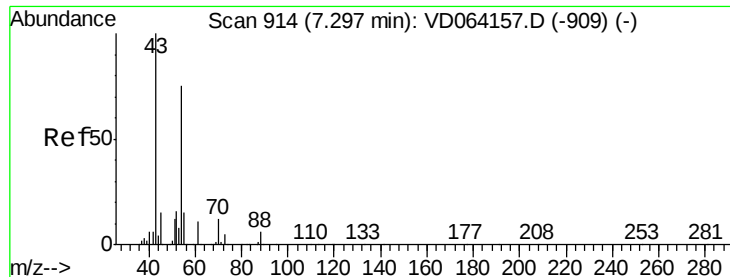
MMDadoda
11/20/2019 1:11:37 PM



#36
1,1-Dichloropropene
Concen: 49.043 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	358000		
110	36.6	18.3	54.9	
77	30.9	25.0	37.6	





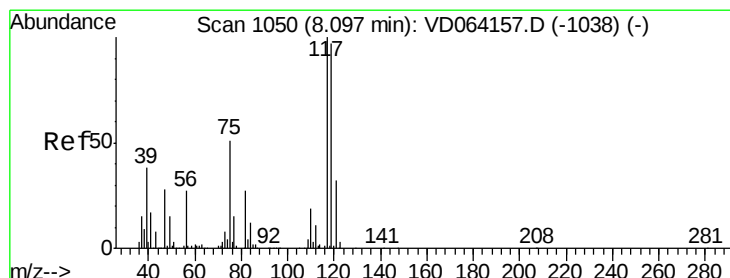
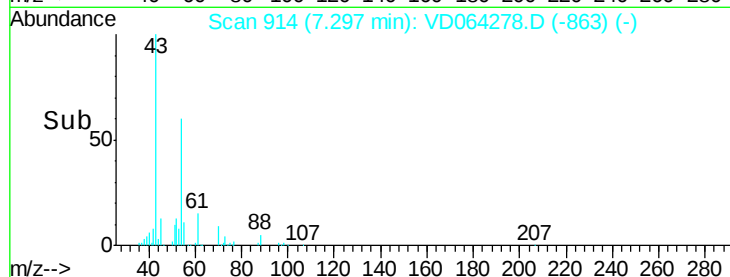
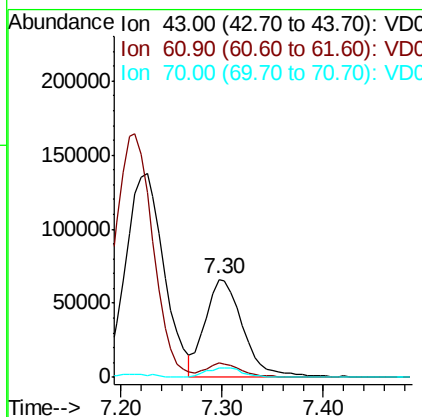
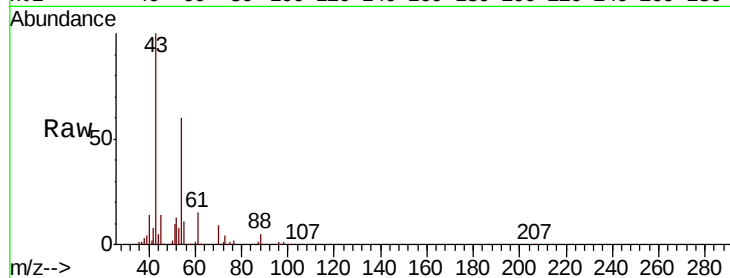
#37
Ethyl Acetate
Concen: 54.490 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.2
70	9.5	8.5	12.7

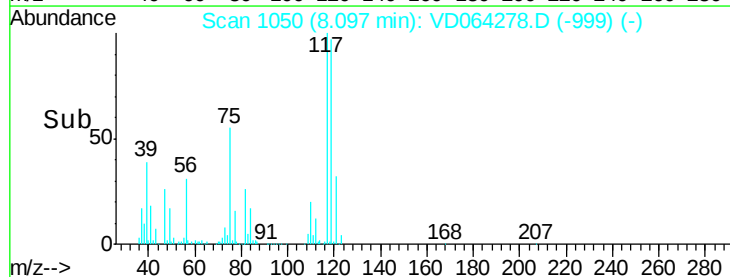
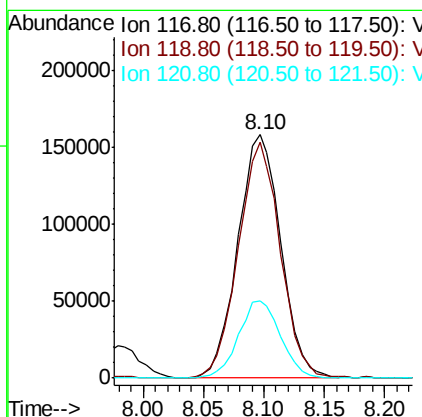
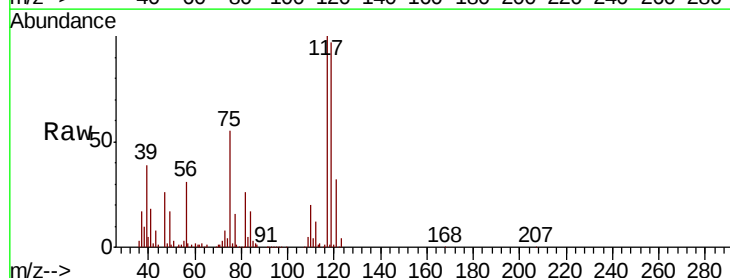
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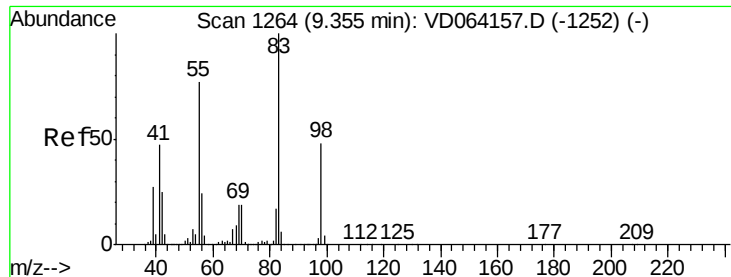
MMDadoda
11/20/2019 1:11:37 PM



#38
Carbon Tetrachloride
Concen: 50.030 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
121	31.9	25.5	38.3





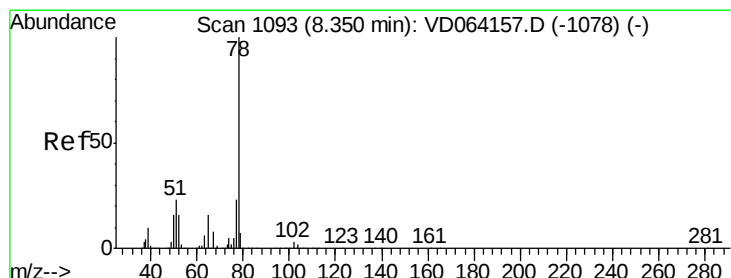
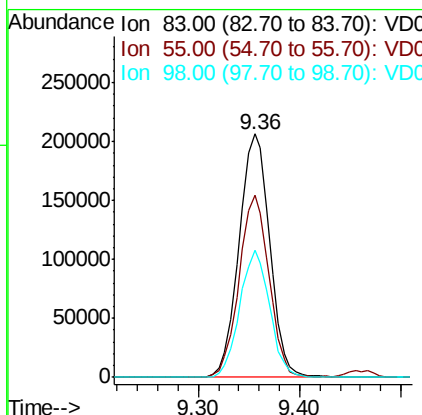
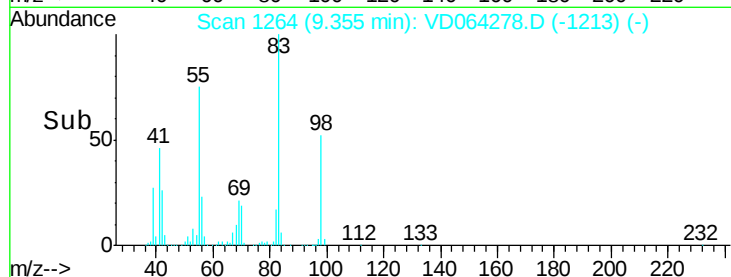
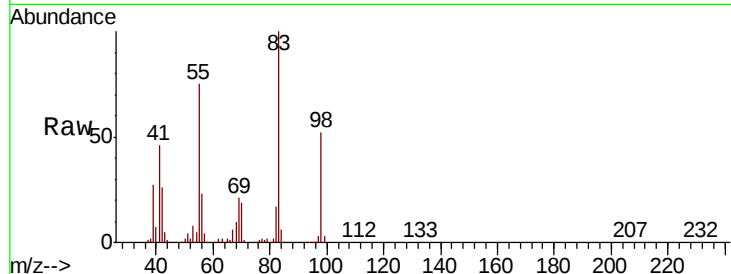
#39
Methvlcvclohexane
Concen: 46.905 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.7	92.5
98	52.3	38.6	58.0

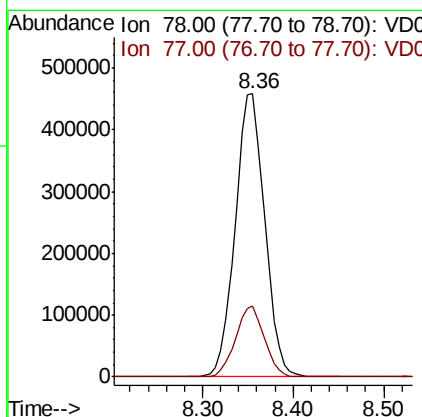
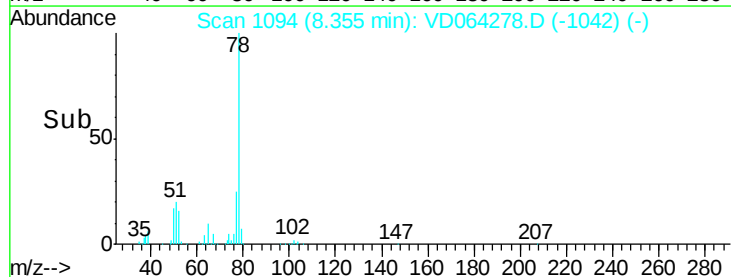
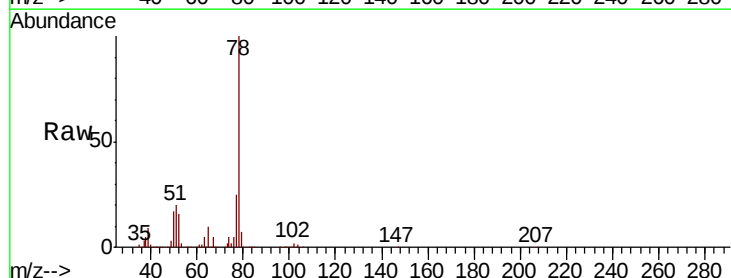
Manual Integrations
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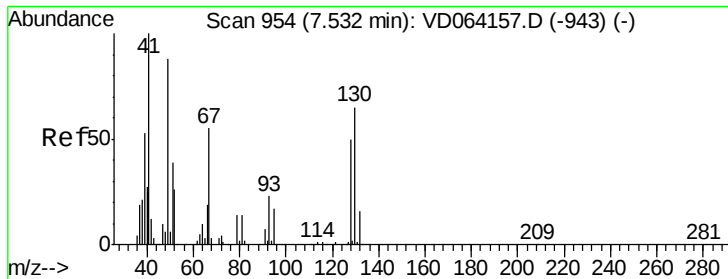
MMDadoda
11/20/2019 1:11:37 PM



#40
Benzene
Concen: 52.191 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.6	28.0





#41

Methacrylonitrile

Concen: 49.475 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

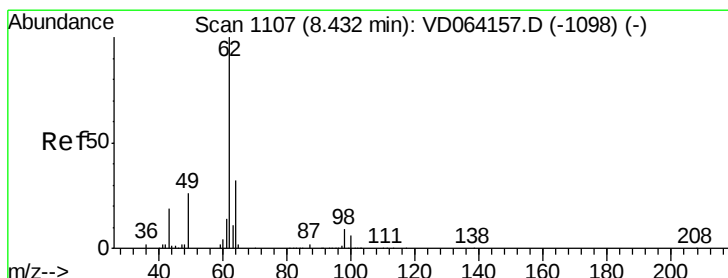
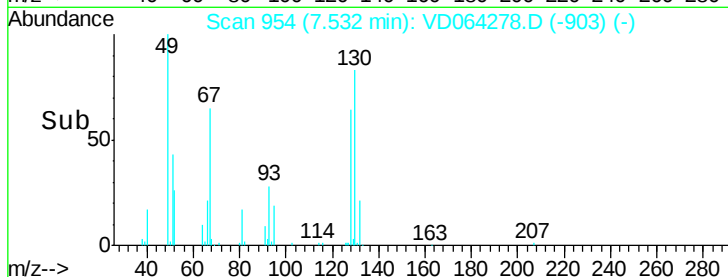
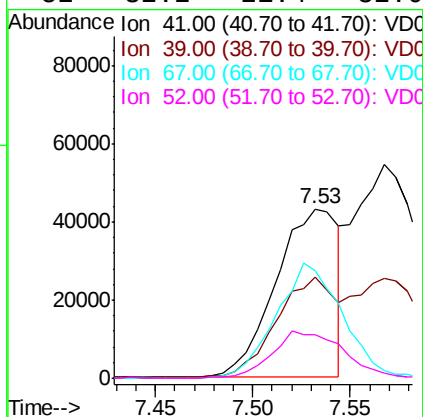
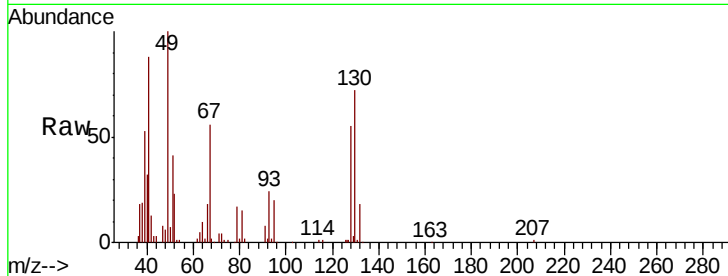
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	49.4	74.2	
67	72.6	49.6	74.4	
52	32.2	21.4	32.0	

Manual Integrations
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11/20/2019 1:11:37 PM



#42

1,2-Dichloroethane

Concen: 53.354 ug/l

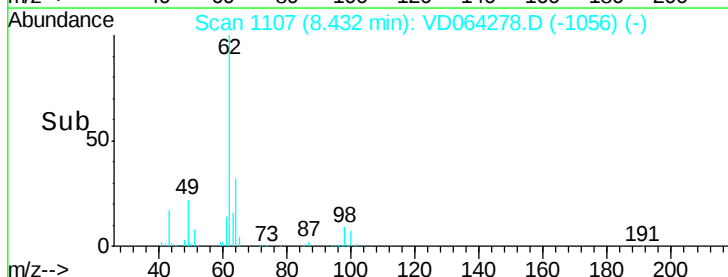
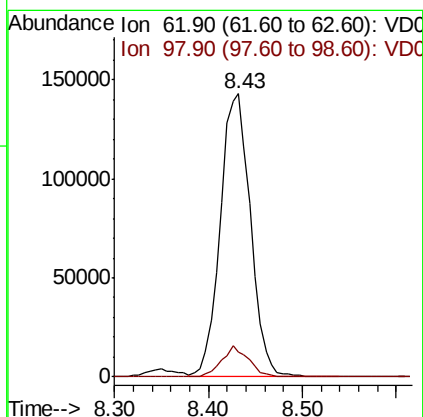
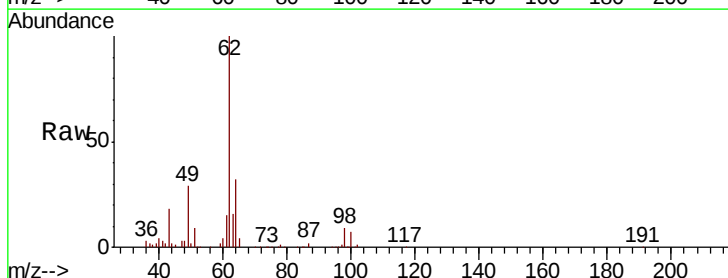
RT: 8.43 min Scan# 1107

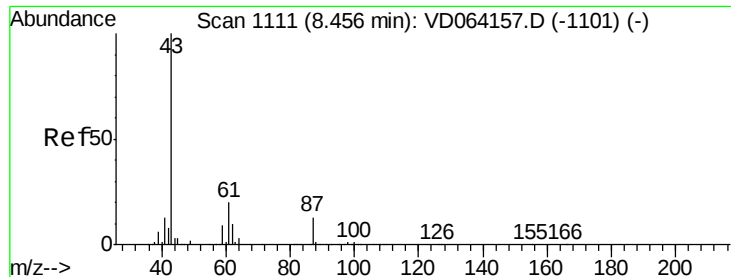
Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.0	





#43

Isopropyl Acetate

Concen: 52.865 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

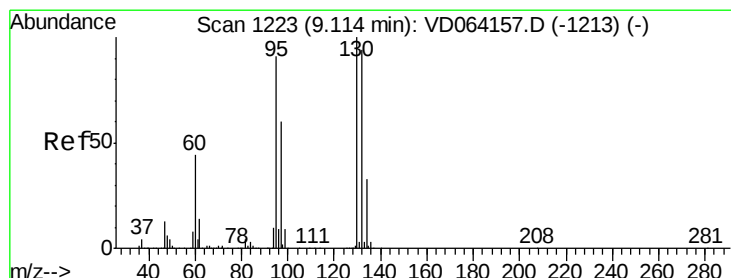
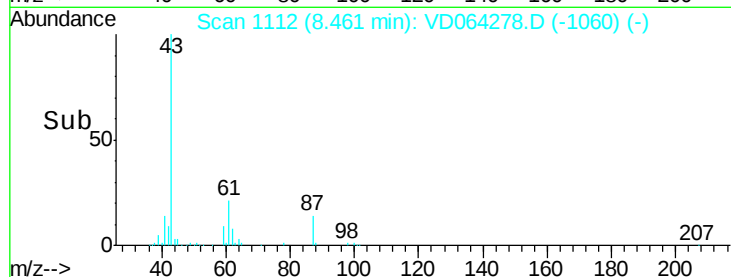
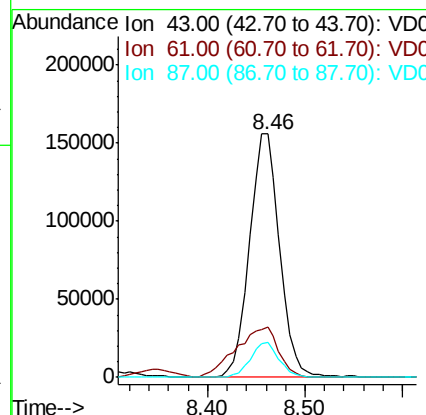
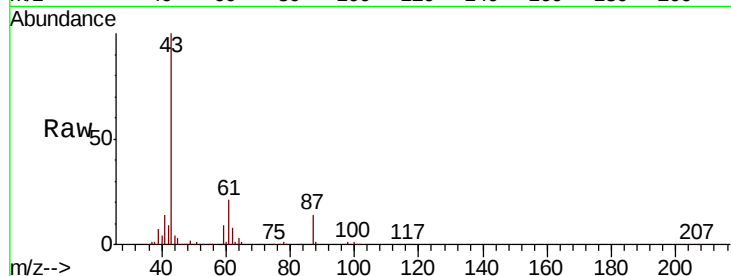
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	335196
Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.9	34.3
87	13.8	10.2	15.2

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#44

Trichloroethene

Concen: 52.532 ug/l

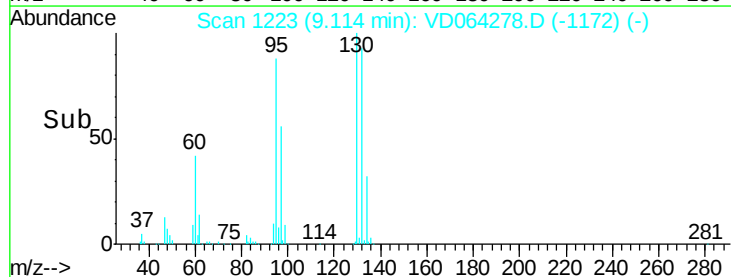
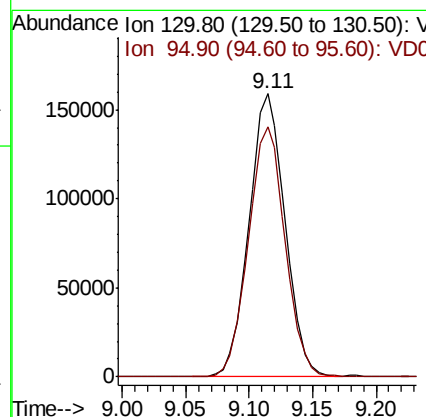
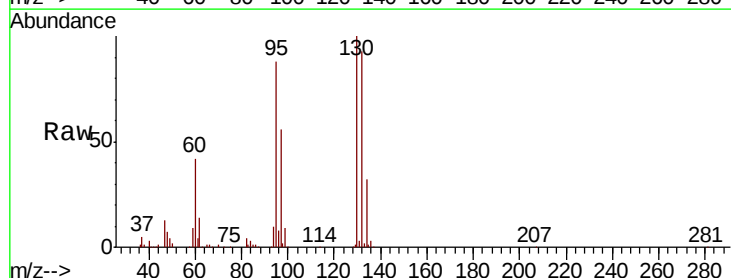
RT: 9.11 min Scan# 1223

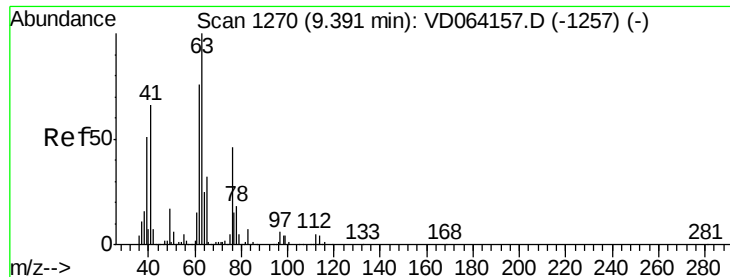
Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion:	130	Resp:	314543
Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	181.6





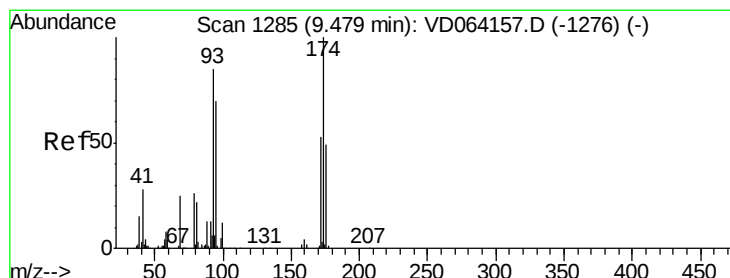
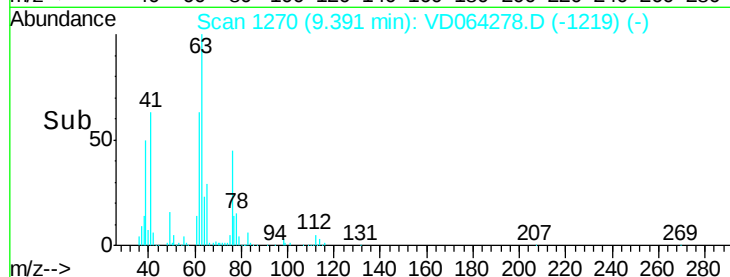
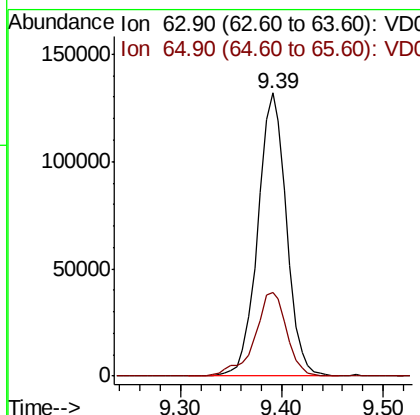
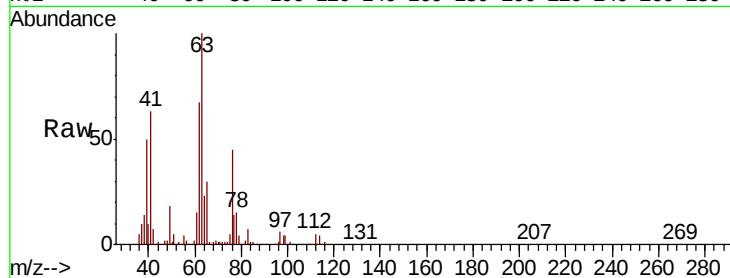
#45
 1,2-Dichloropropane
 Concen: 53.645 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	260488
Ion Ratio	Lower	Upper	
63	100		
65	29.6	25.7	38.5

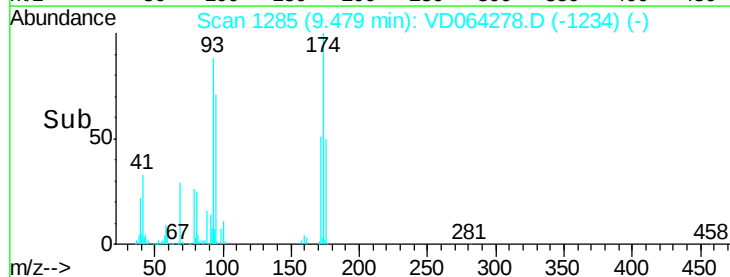
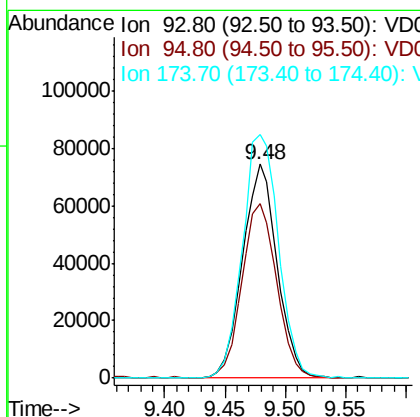
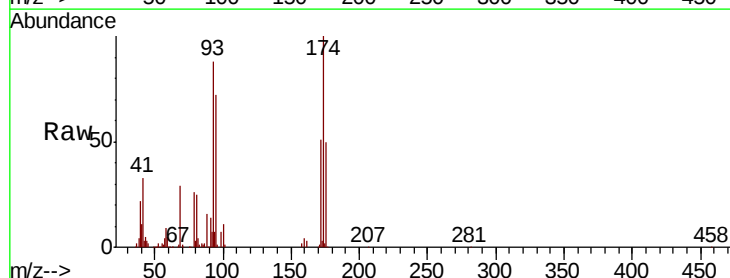
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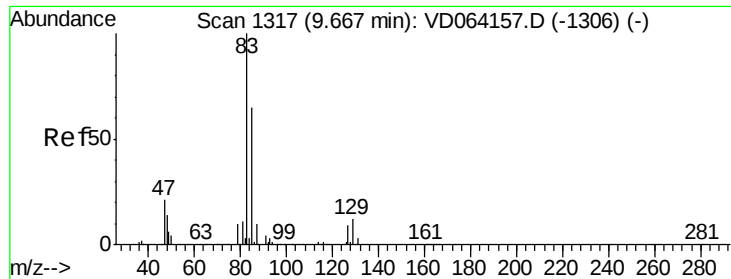
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#46
 Dibromomethane
 Concen: 57.229 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	93	Resp	148772
Ion Ratio	Lower	Upper	
93	100		
95	82.7	65.5	98.3
174	119.3	93.9	140.9





#47

Bromodichloromethane

Concen: 55.414 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

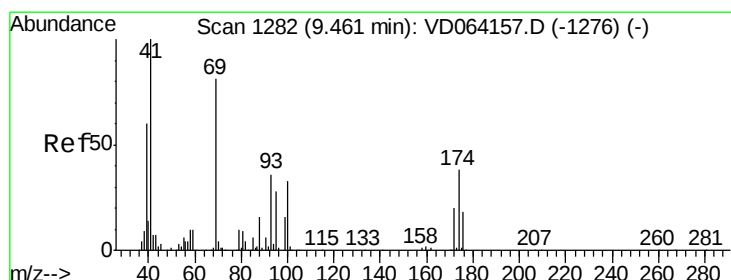
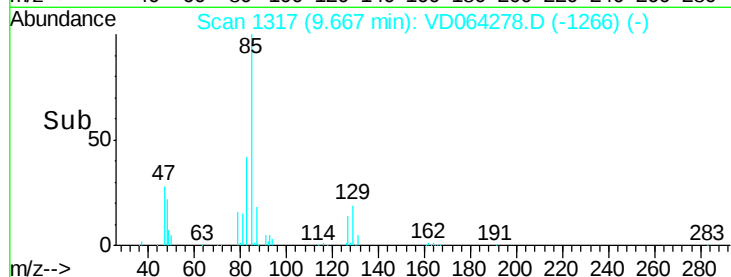
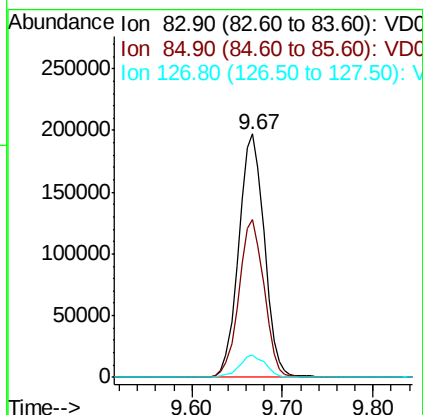
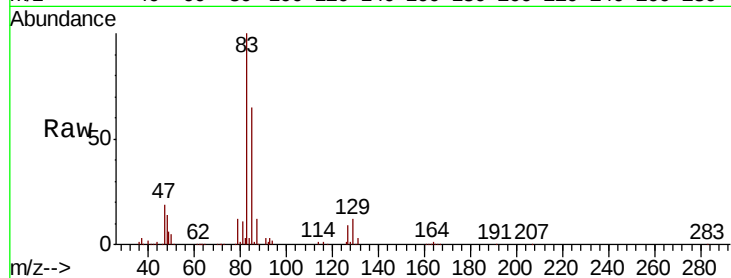
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	388023
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.4
127	8.9	7.5	11.3

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#48

Methyl methacrylate

Concen: 49.871 ug/l

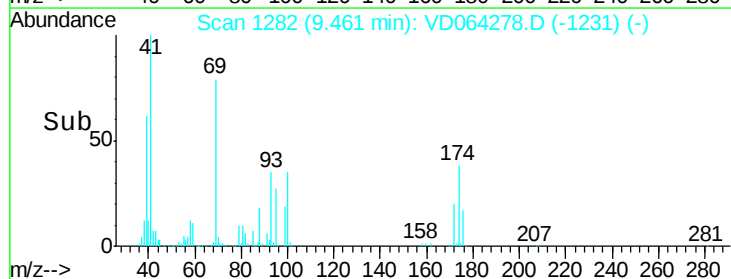
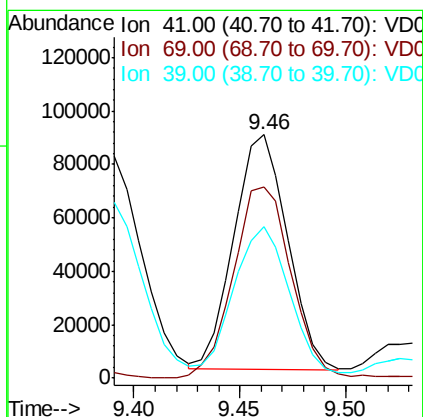
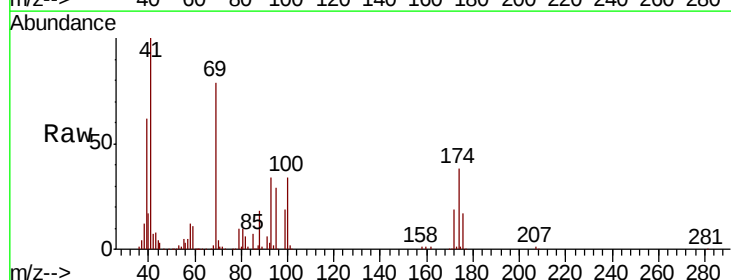
RT: 9.46 min Scan# 1282

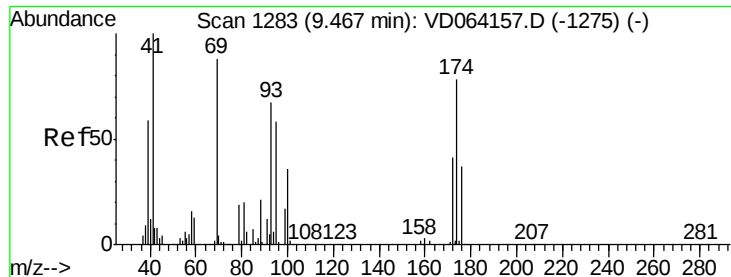
Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion:	41	Resp:	154621
Ion	Ratio	Lower	Upper
41	100		
69	89.4	64.6	97.0
39	68.7	48.2	72.2





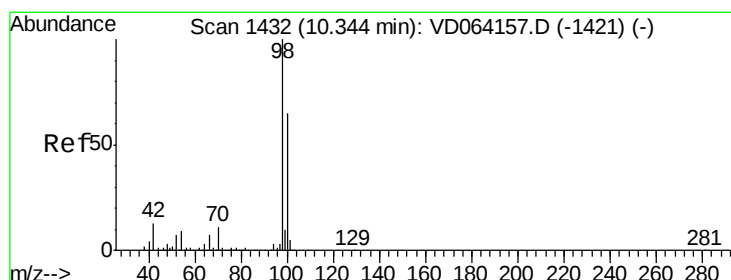
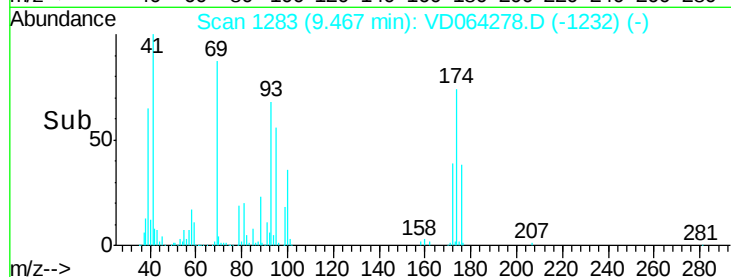
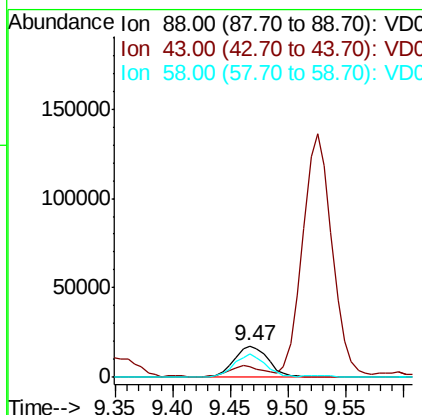
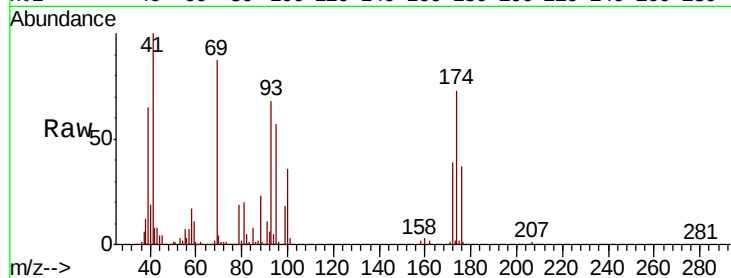
#49
1,4-Dioxane
Concen: 1185.295 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	29.8	44.8
58	66.1	58.1	87.1

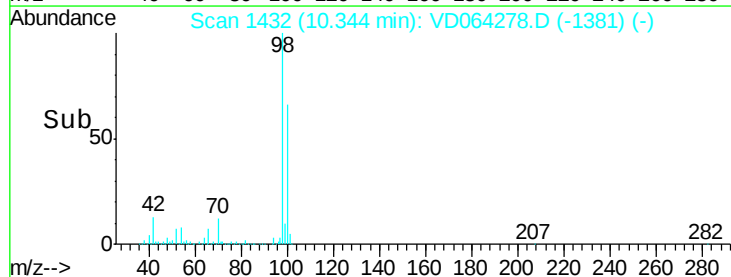
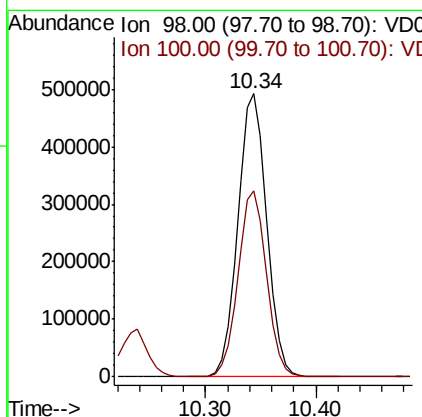
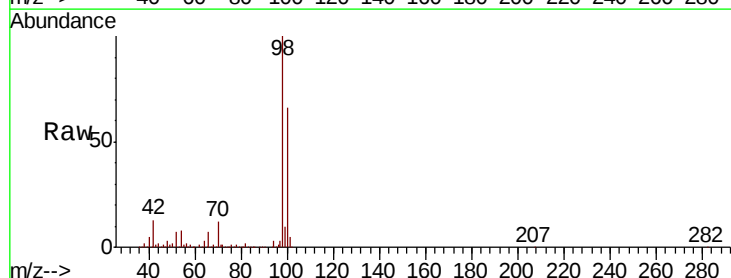
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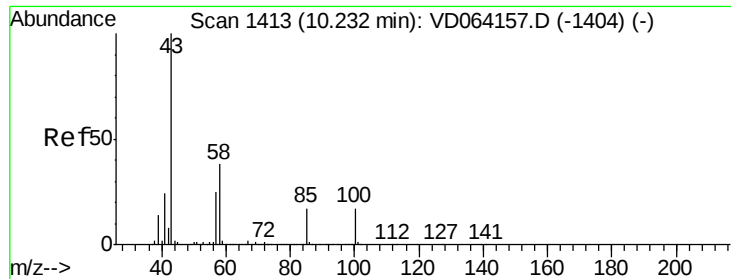
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#50
Toluene-d8
Concen: 52.809 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 275.041 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 836291

Ion Ratio Lower Upper

43 100

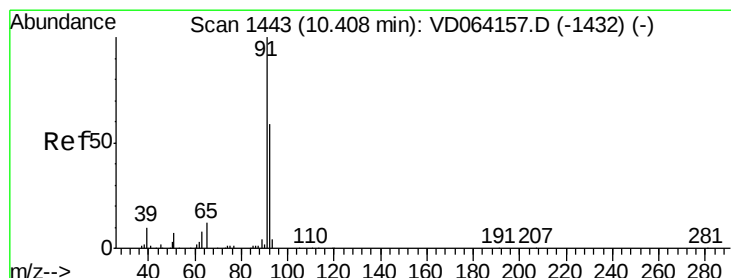
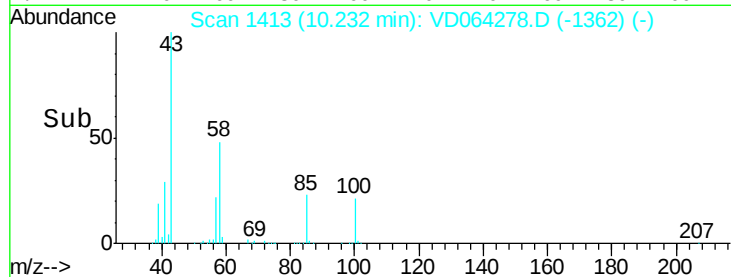
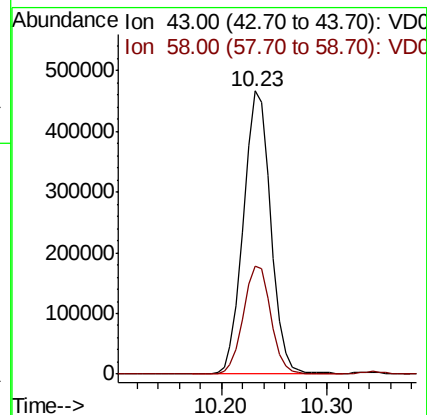
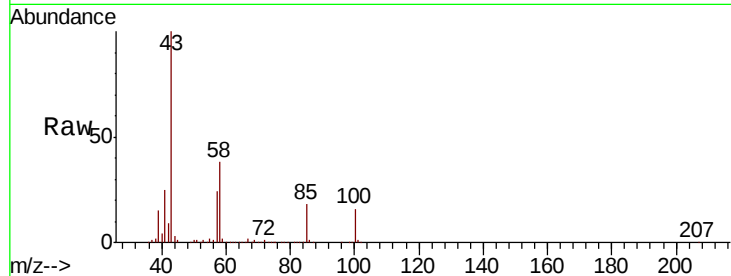
58 38.3 30.2 45.4

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#52

Toluene

Concen: 52.779 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064278.D

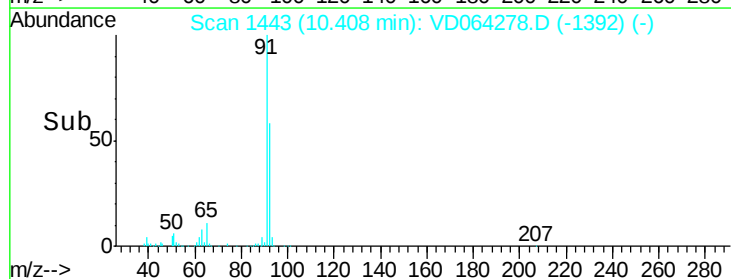
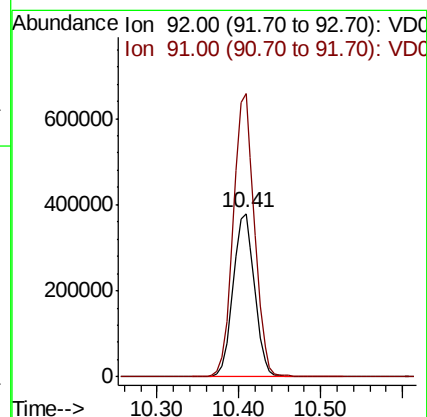
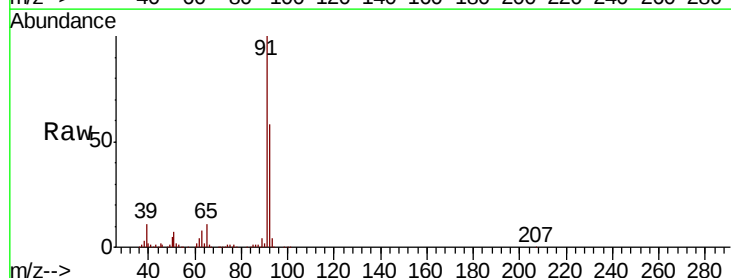
Acq: 18 Nov 2019 21:44

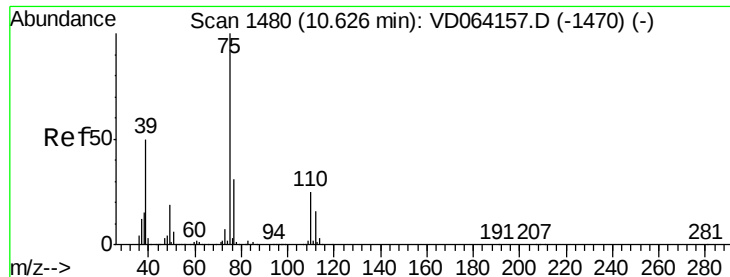
Tgt Ion: 92 Resp: 692382

Ion Ratio Lower Upper

92 100

91 171.3 136.4 204.6





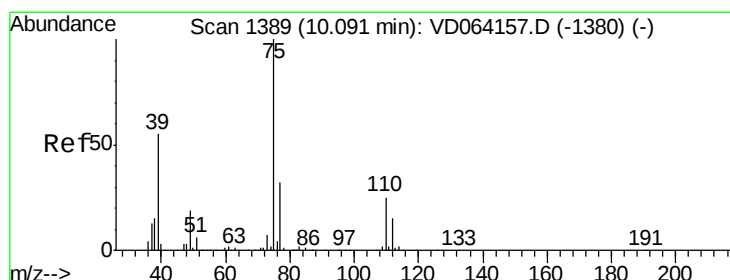
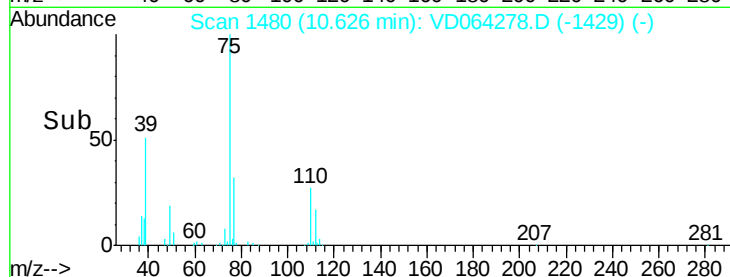
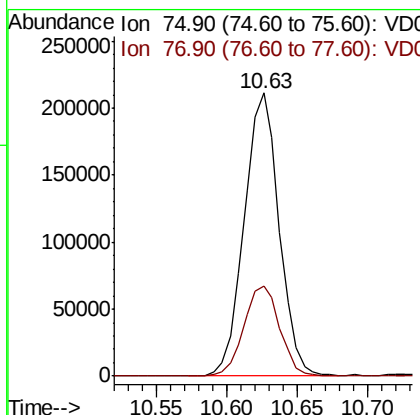
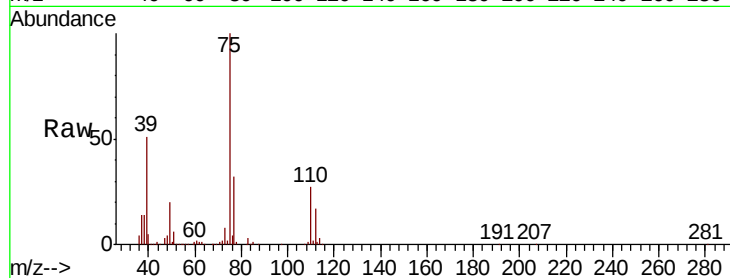
#53
t-1,3-Dichloropropene
Concen: 52.188 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 366108
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1

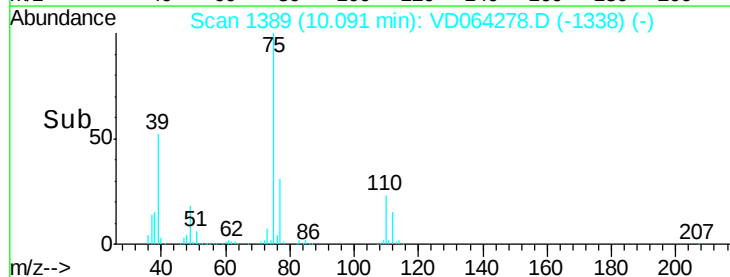
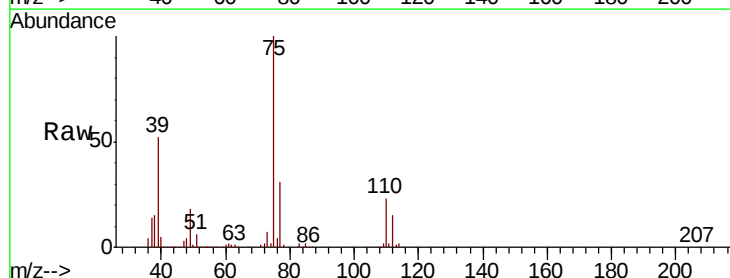
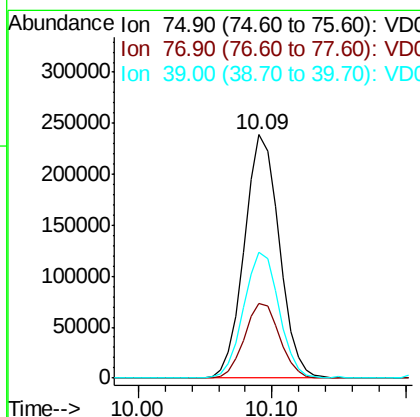
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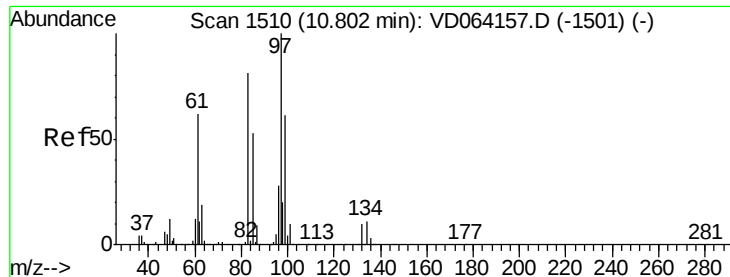
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#54
cis-1,3-Dichloropropene
Concen: 52.805 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion: 75 Resp: 432266
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 51.6 44.2 66.2





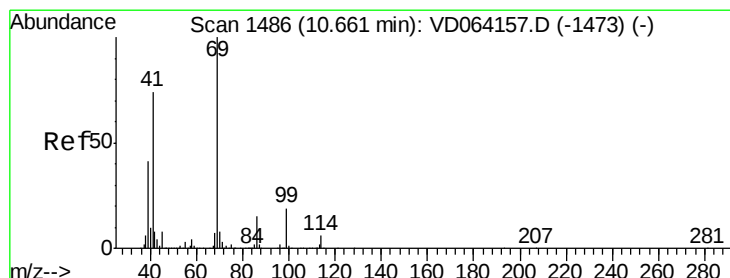
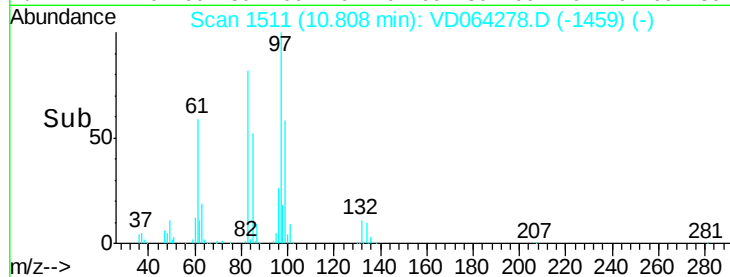
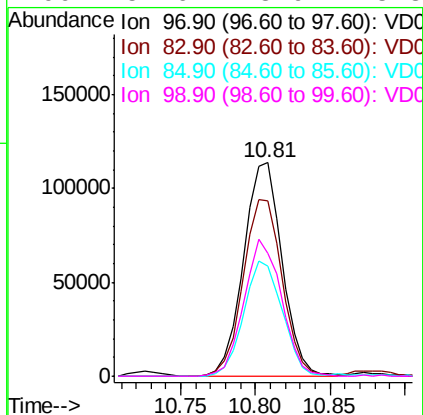
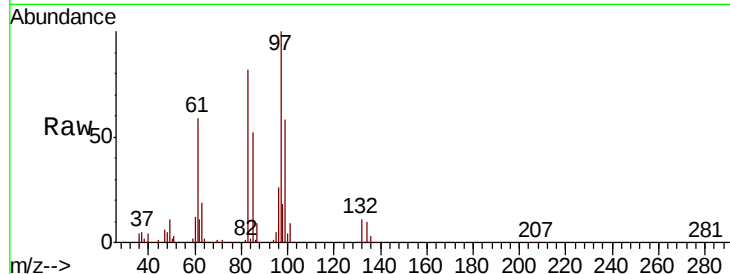
#55
 1,1,2-Trichloroethane
 Concen: 57.706 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.1	97.7
85	51.7	42.0	63.0
99	57.6	48.9	73.3

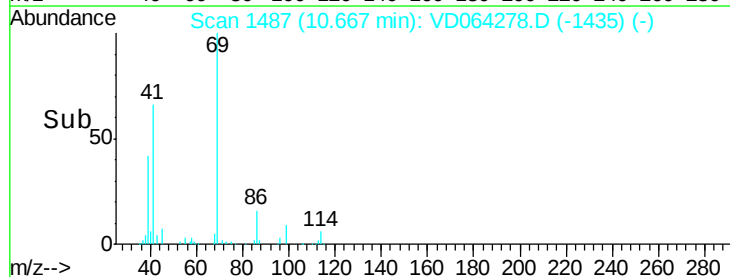
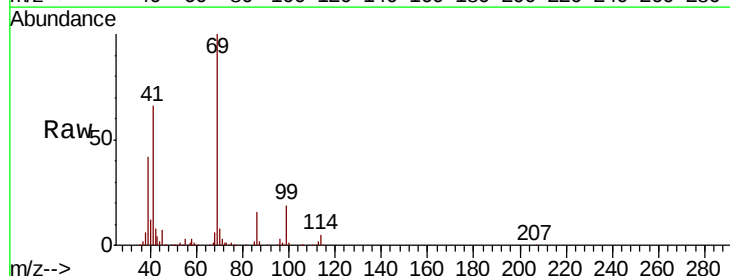
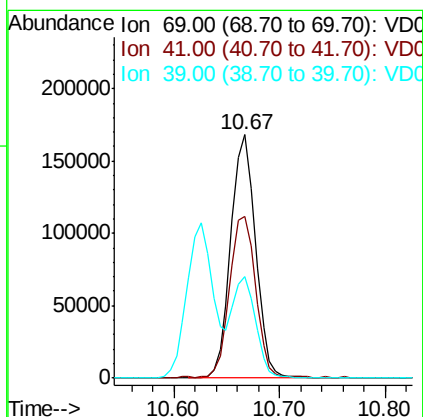
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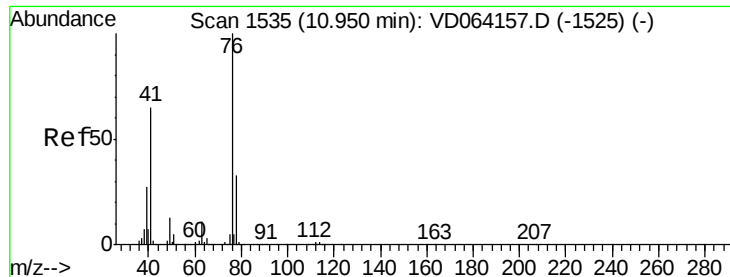
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#56
 Ethyl methacrylate
 Concen: 55.384 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.9	86.9
39	37.8	29.0	43.4





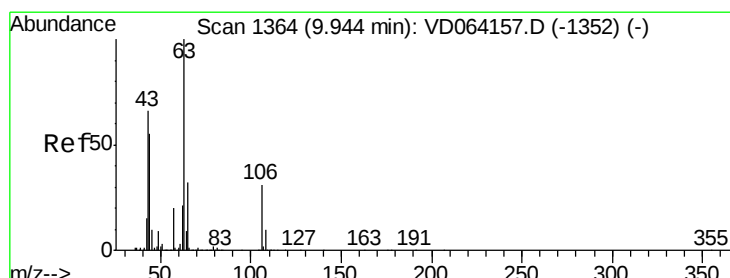
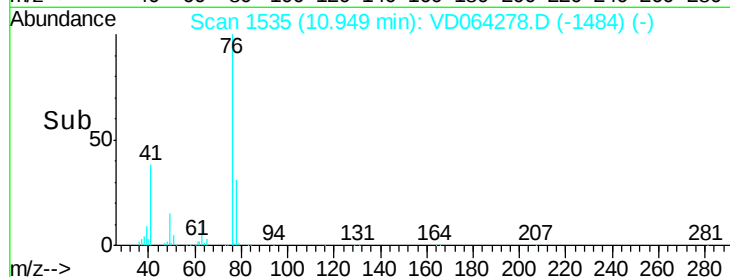
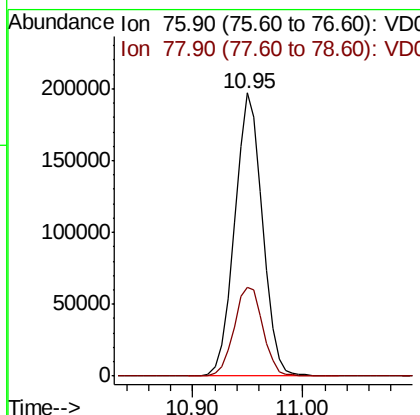
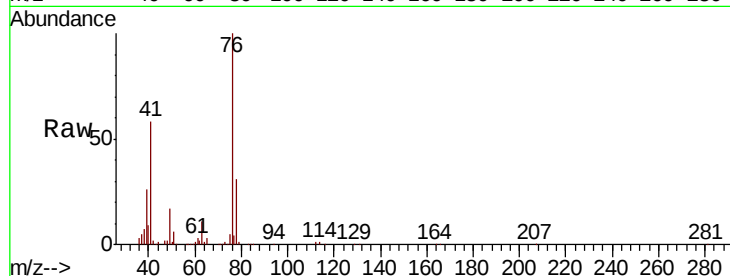
#57
 1,3-Dichloropropane
 Concen: 56.544 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

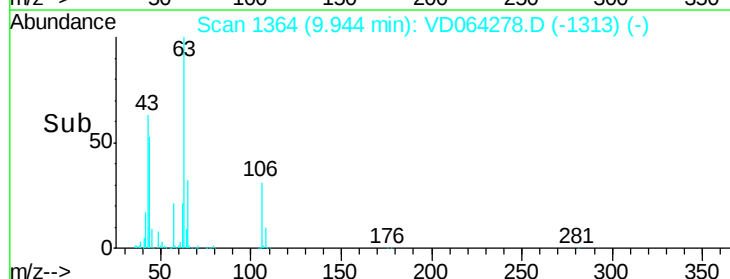
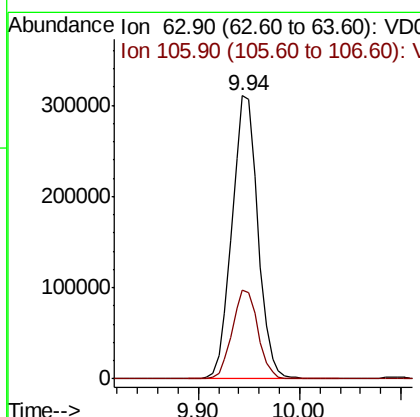
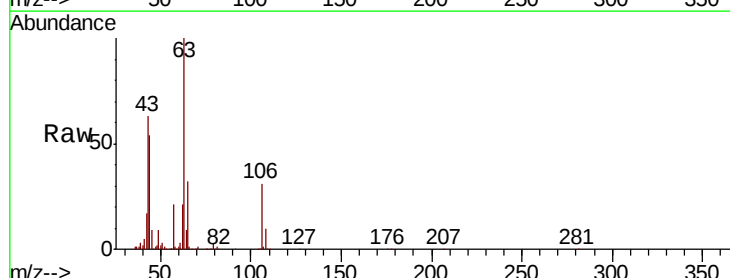
Manual Integrations
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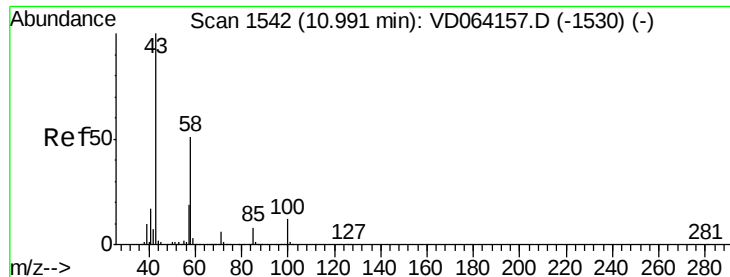
MMDadoda
 11/20/2019 1:11:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.272 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	24.1	36.1





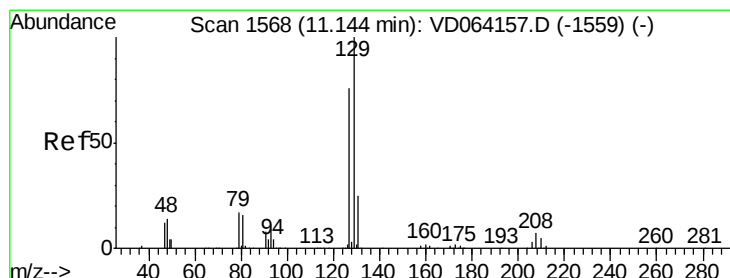
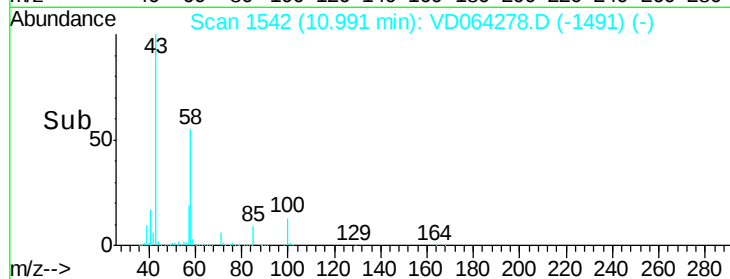
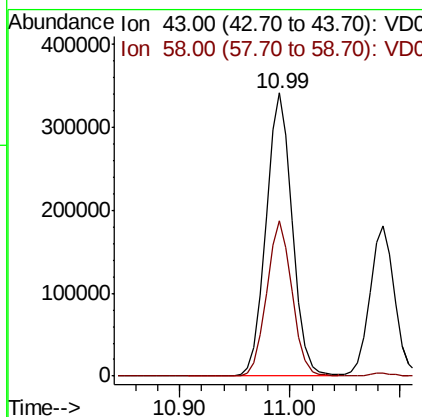
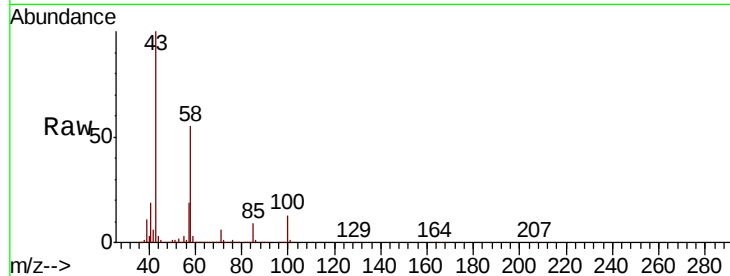
#59
2-Hexanone
Concen: 262.219 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 567238
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.7

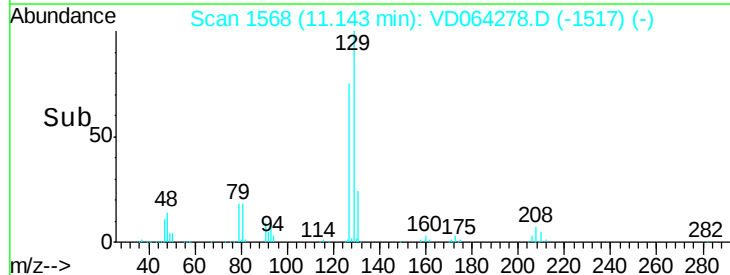
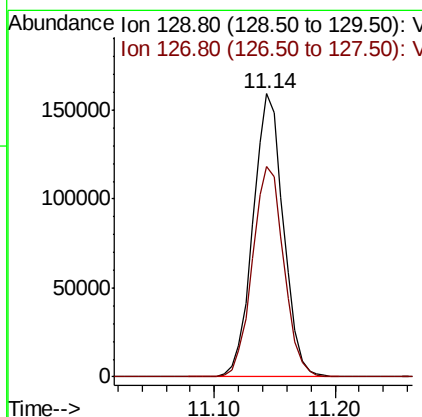
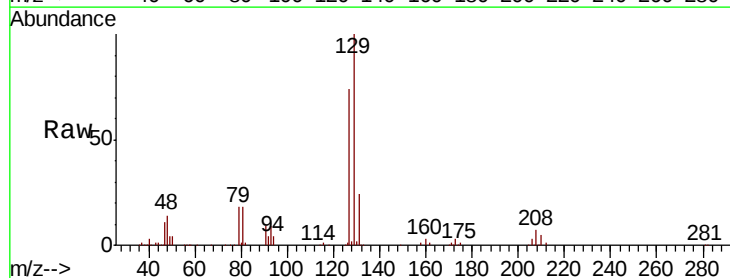
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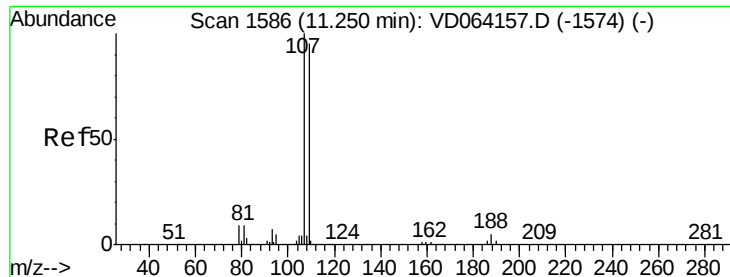
MMDadoda
11/20/2019 1:11:37 PM



#60
Dibromochloromethane
Concen: 56.882 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion: 129 Resp: 279907
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





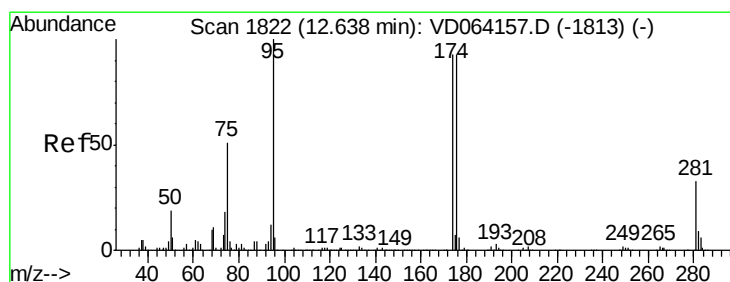
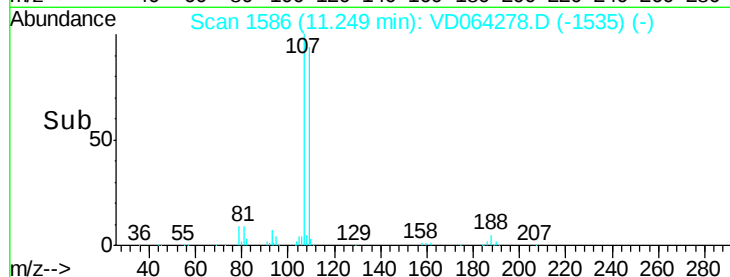
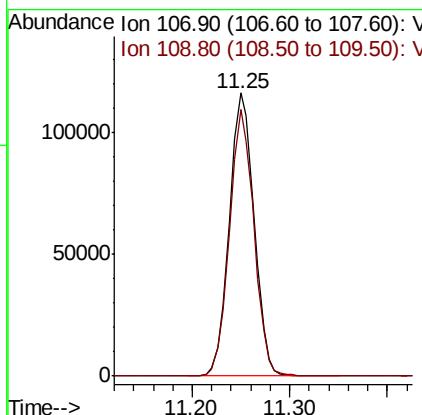
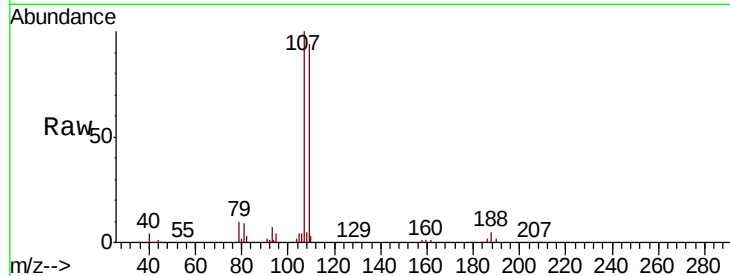
#61
 1,2-Dibromoethane
 Concen: 58.212 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.1	112.7

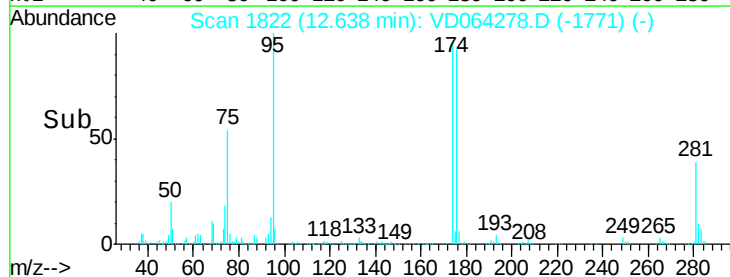
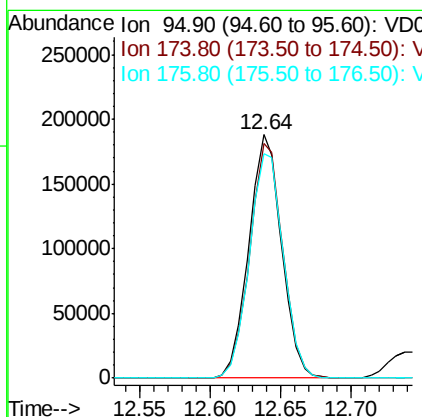
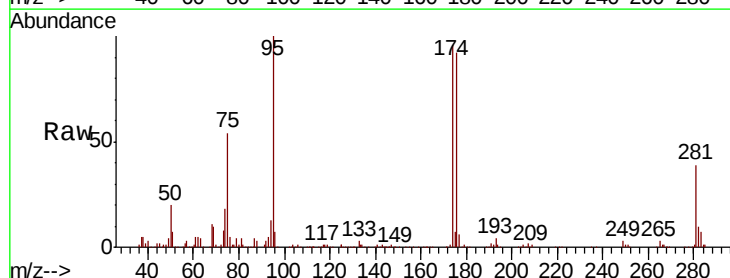
Manual Integrations
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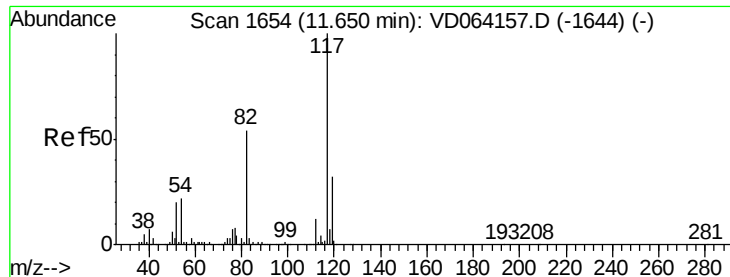
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#62
 4-Bromofluorobenzene
 Concen: 51.637 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	183.6
176	95.6	0.0	180.2





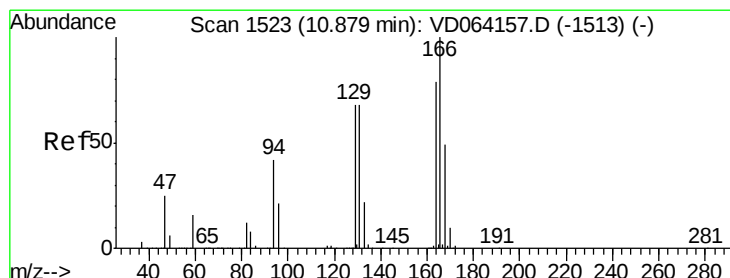
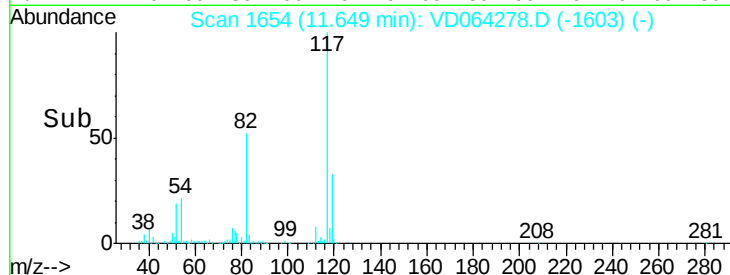
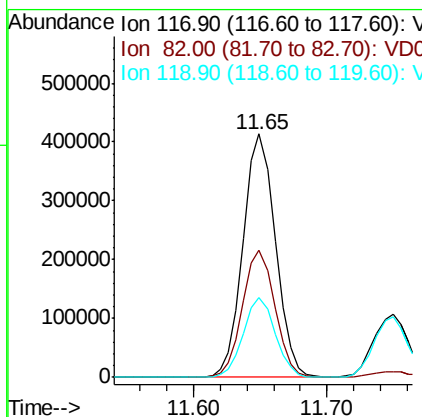
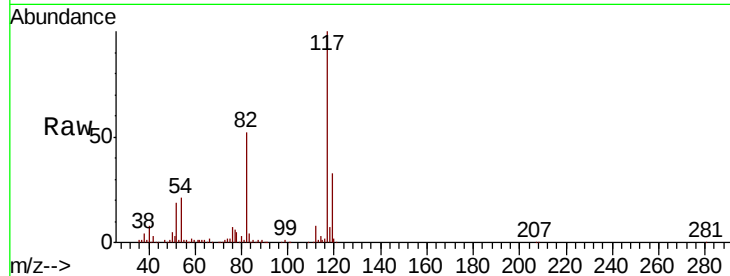
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.8	64.2
119	32.7	25.6	38.4

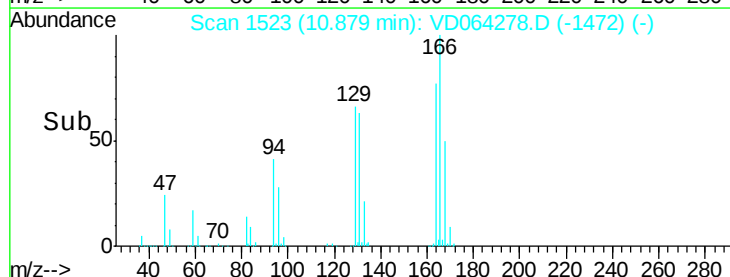
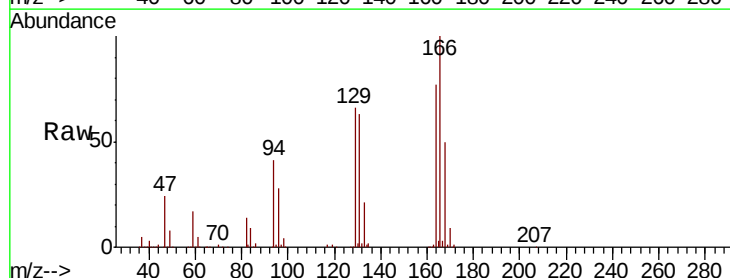
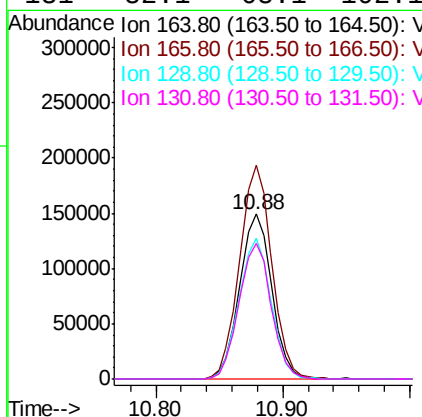
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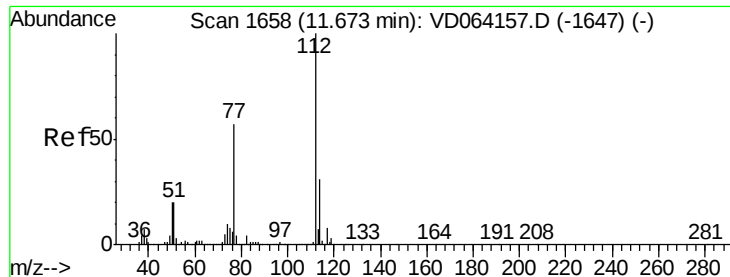
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#64
Tetrachloroethene
Concen: 49.242 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	100.8	151.2
129	85.3	68.7	103.1
131	82.1	68.1	102.1





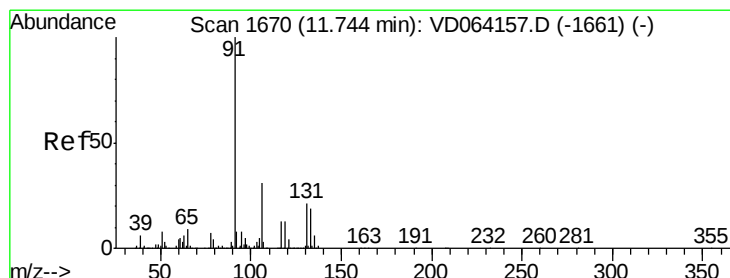
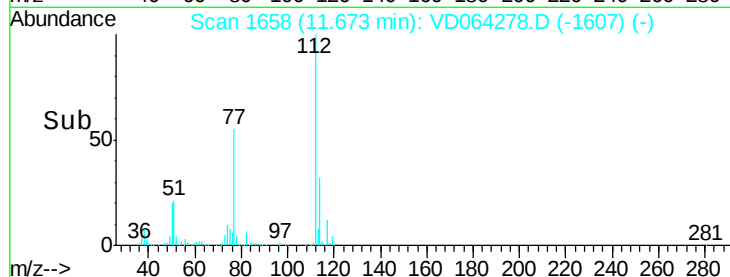
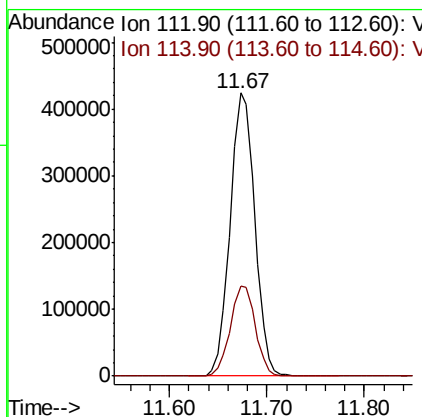
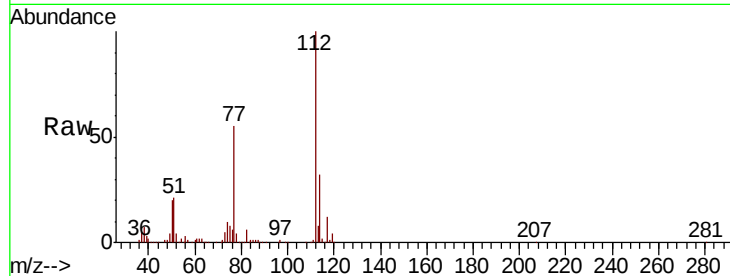
#65
Chlorobenzene
Concen: 52.618 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.2	37.8

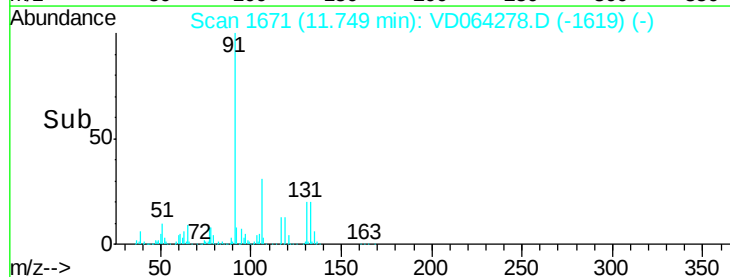
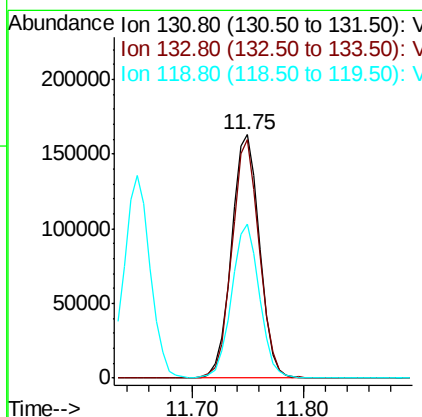
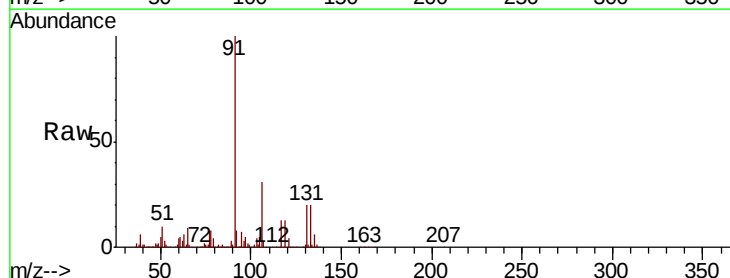
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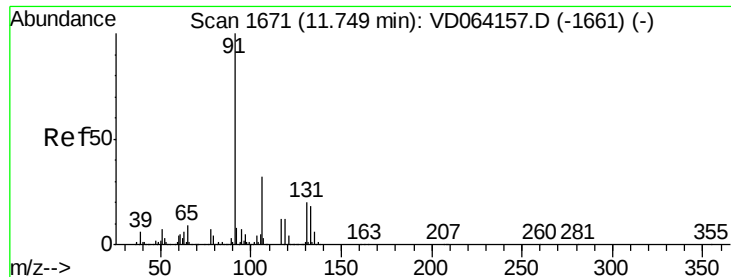
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.916 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.3	141.9
119	62.8	31.1	93.3





#67

Ethyl Benzene

Concen: 51.483 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1318192

Ion Ratio Lower Upper

91 100

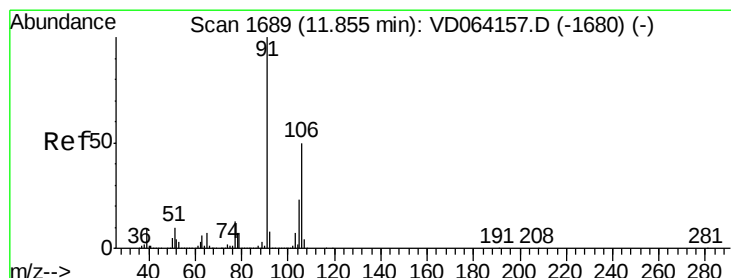
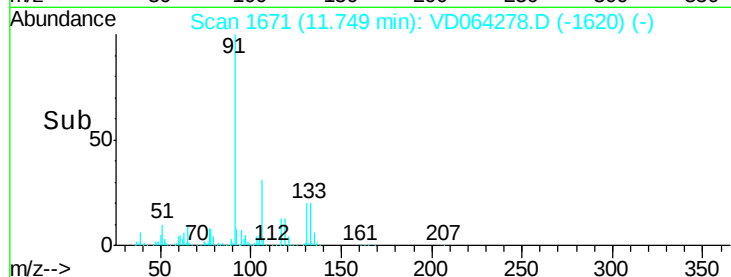
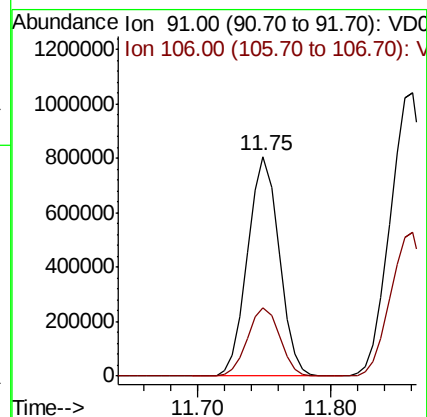
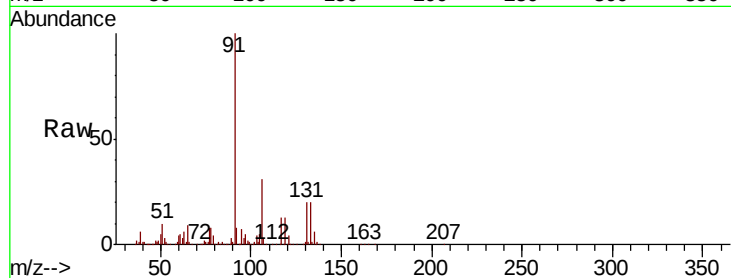
106 31.0 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 102.645 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD064278.D

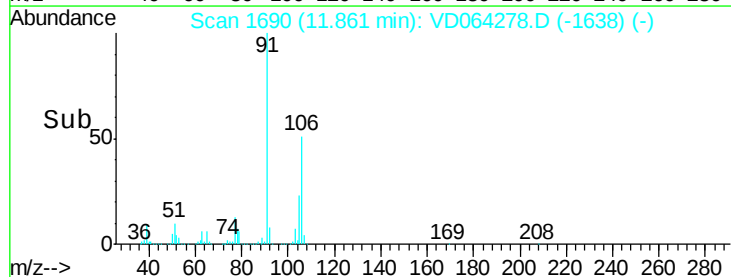
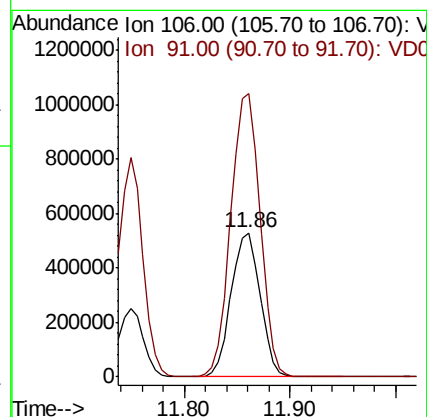
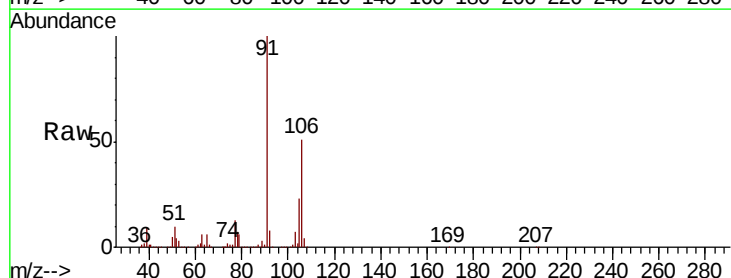
Acq: 18 Nov 2019 21:44

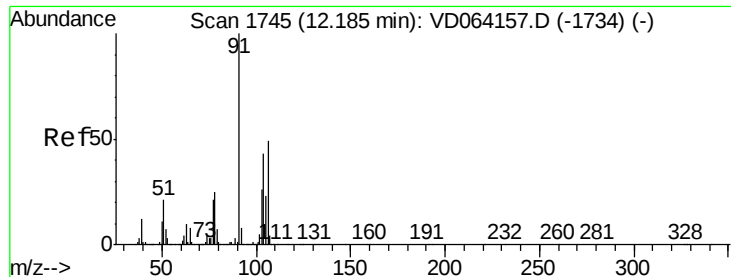
Tgt Ion: 106 Resp: 1007385

Ion Ratio Lower Upper

106 100

91 198.5 160.3 240.5





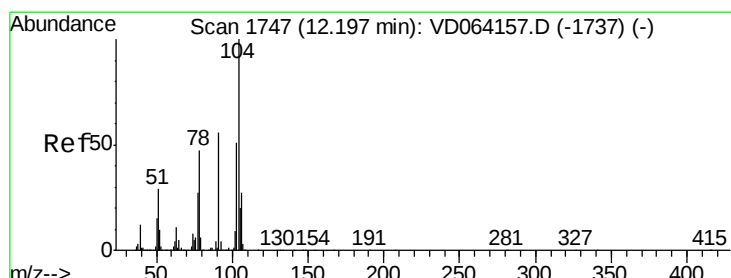
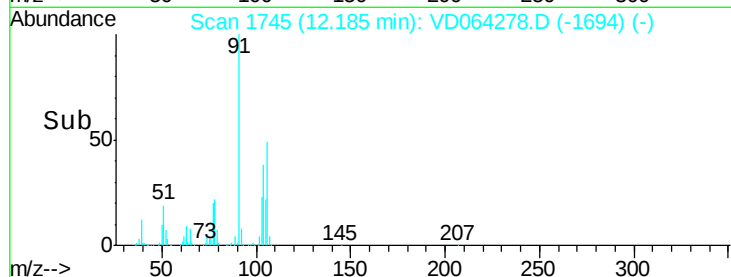
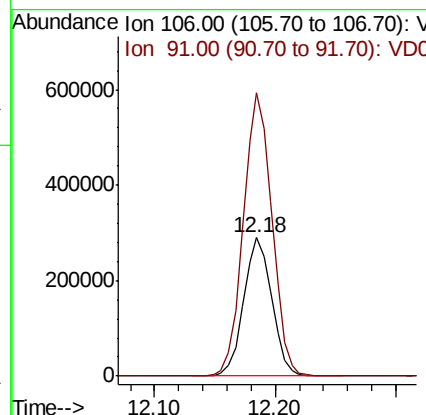
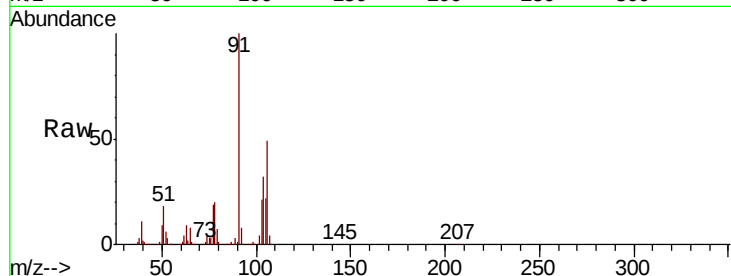
#69
o-Xylene
Concen: 51.840 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.0	105.1	315.3

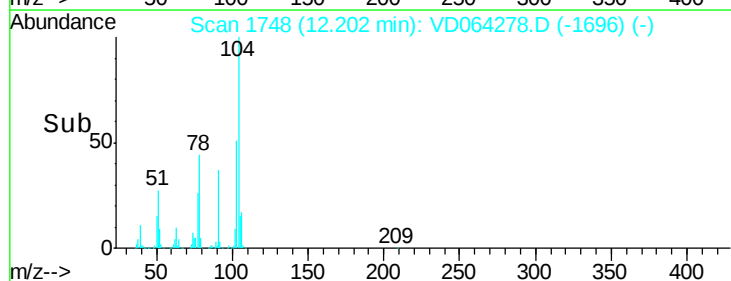
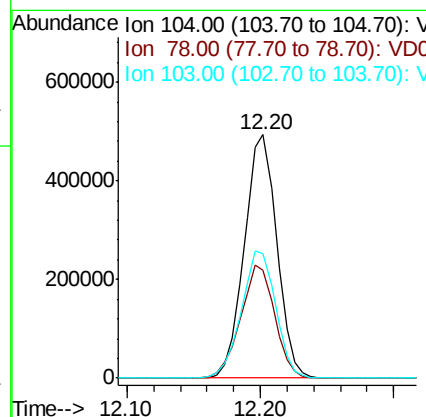
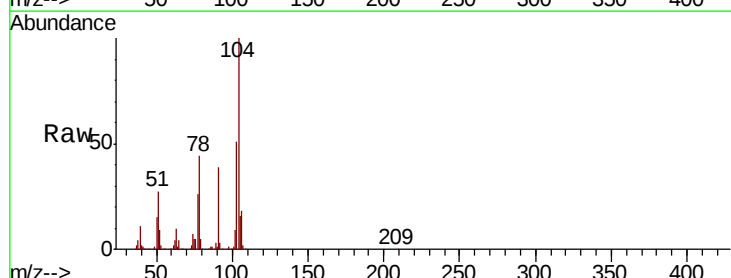
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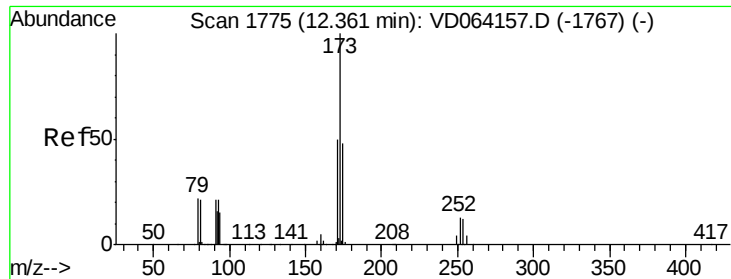
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#70
Styrene
Concen: 52.240 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.9	59.9
103	55.1	43.4	65.0





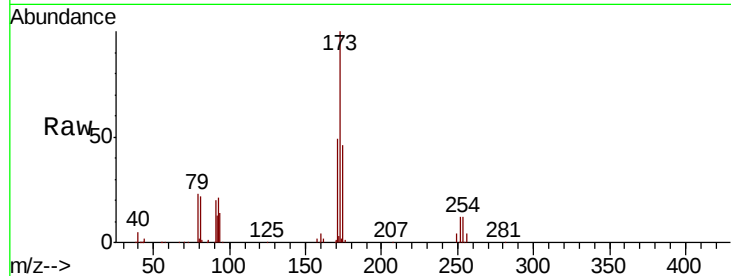
#71
Bromoform
Concen: 58.241 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

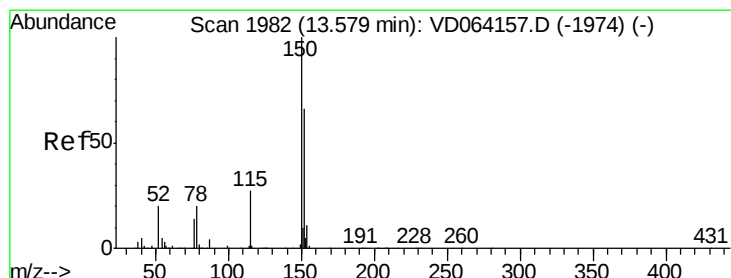
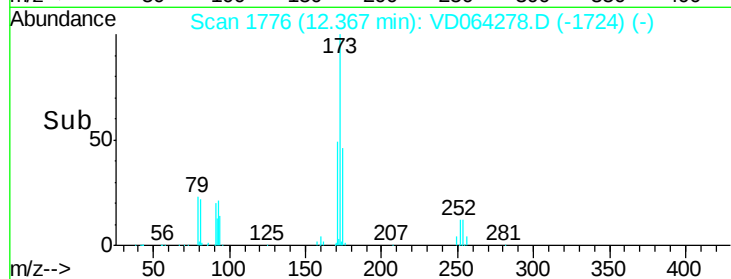
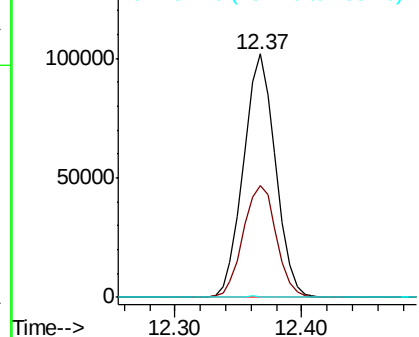
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.3
254	0.2	0.2	0.2

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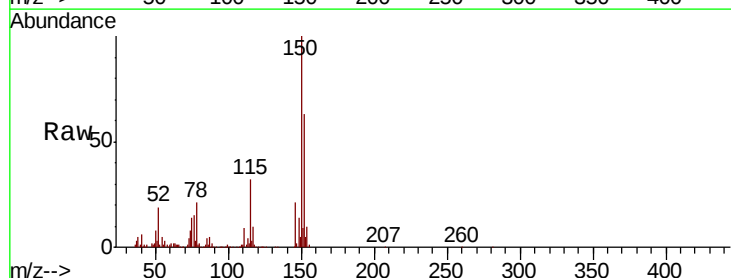


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

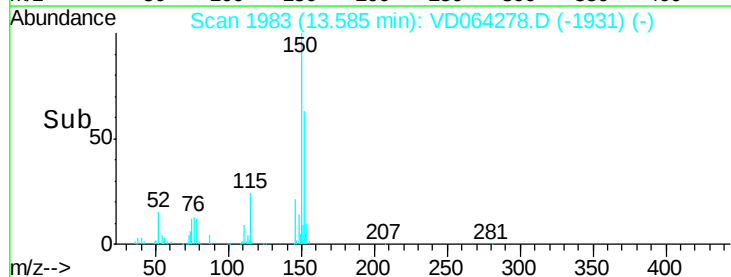
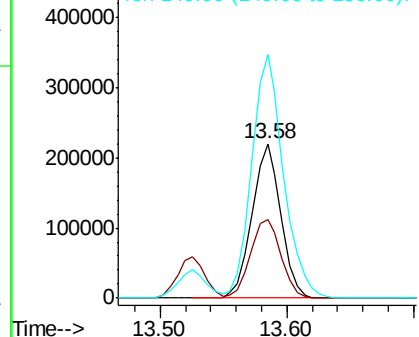


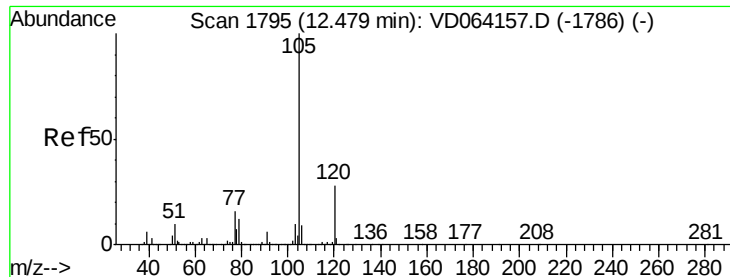
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.4	82.2
150	175.0	0.0	351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





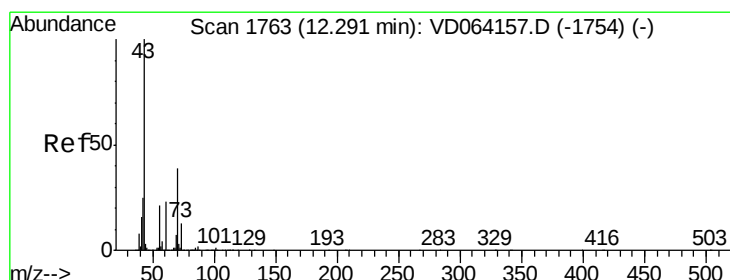
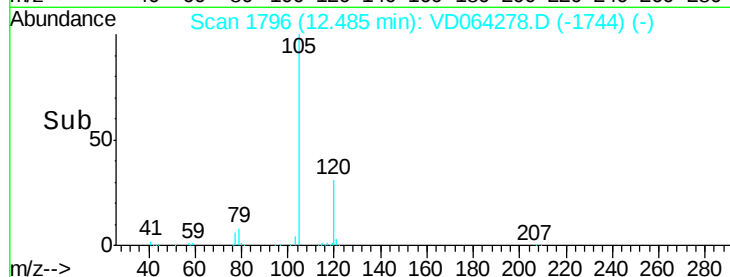
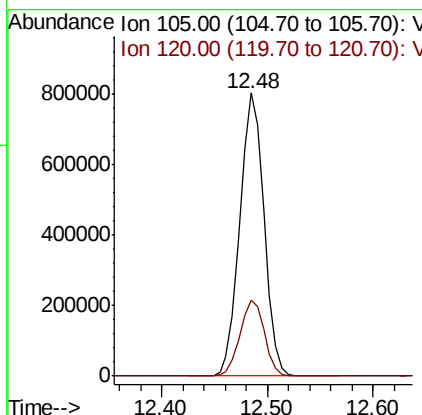
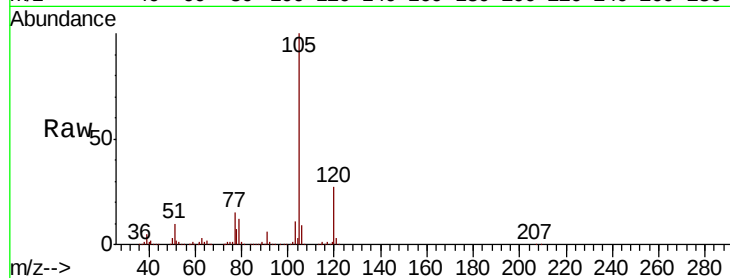
#73
Isopropylbenzene
Concen: 49.905 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 1267783
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8

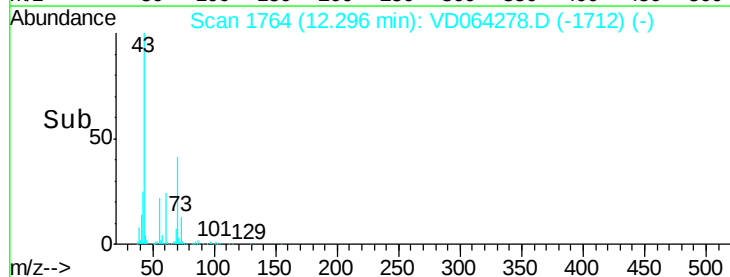
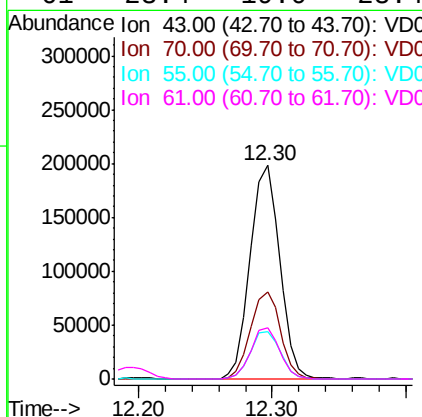
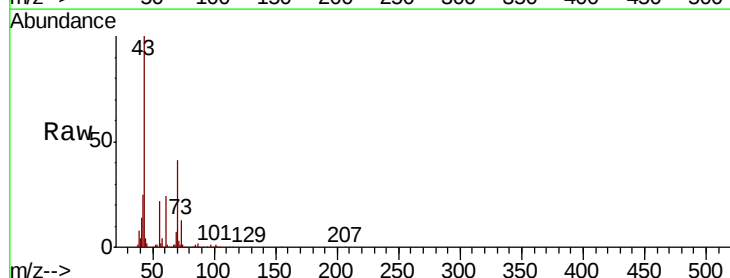
Manual Integrations
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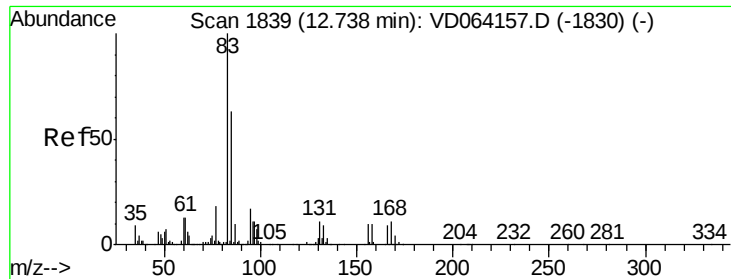
MMDadoda
11/20/2019 1:11:37 PM



#74
N-ethyl acetate
Concen: 50.408 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion: 43 Resp: 302401
Ion Ratio Lower Upper
43 100
70 41.7 32.4 48.6
55 23.0 17.9 26.9
61 23.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.908 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

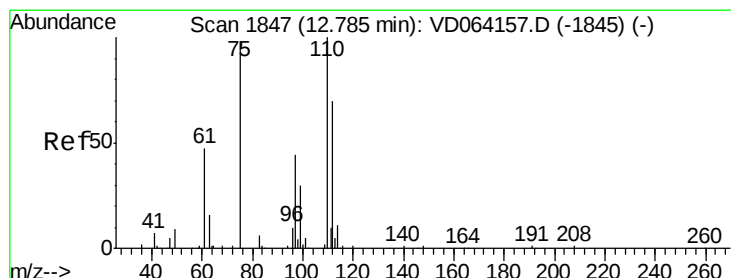
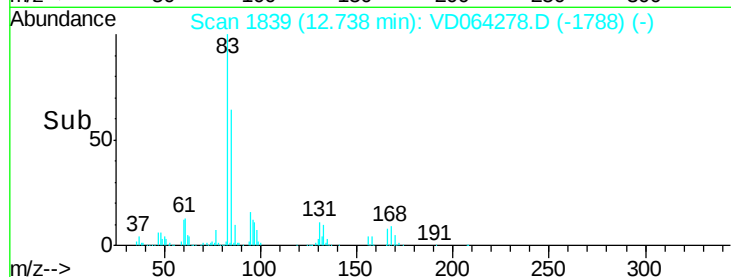
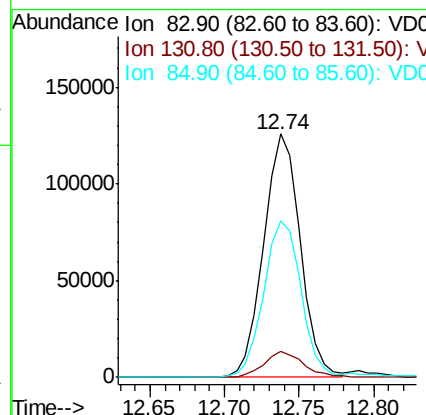
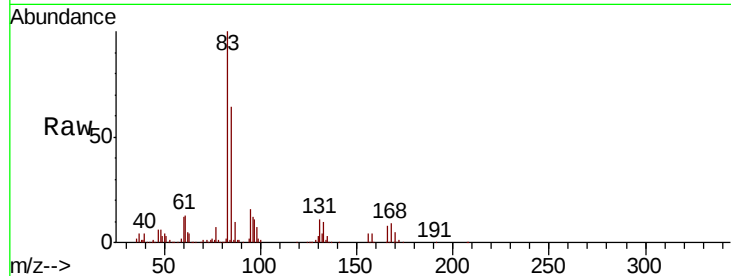
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	214010
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.7
85	65.3	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.282 ug/l m

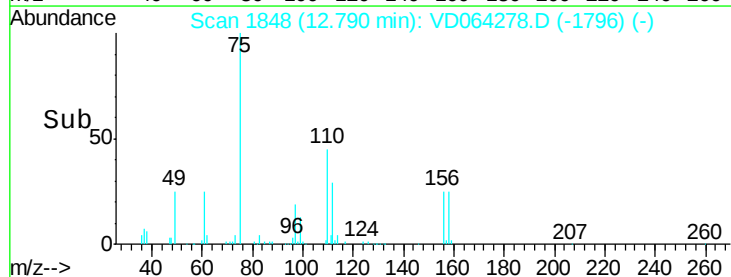
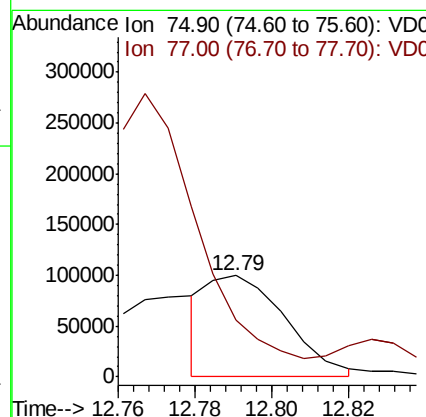
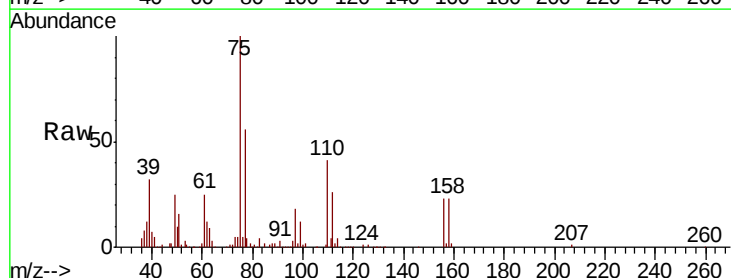
RT: 12.79 min Scan# 1848

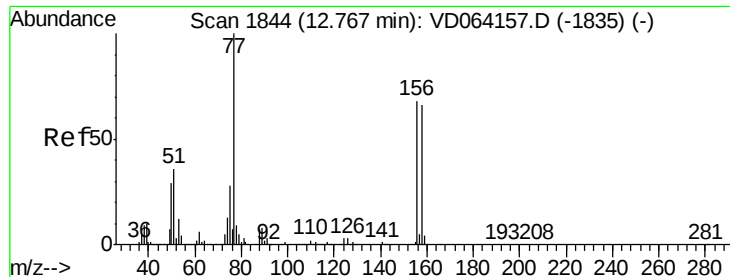
Delta R.T. 0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion:	75	Resp:	142963
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.614 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

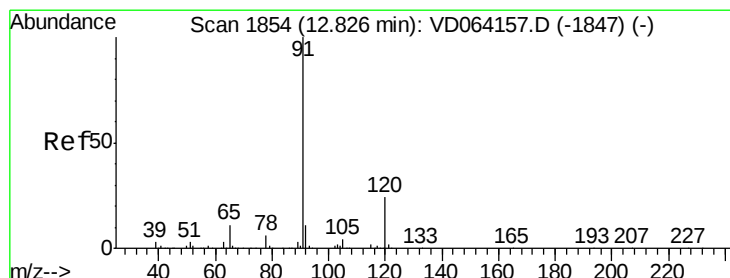
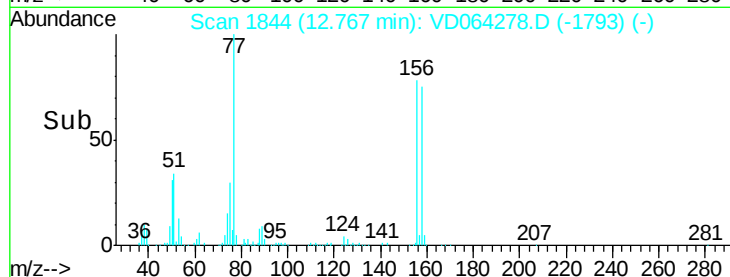
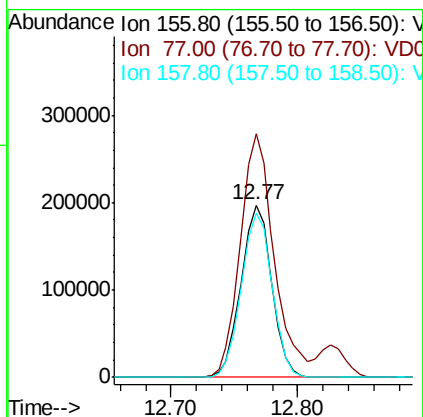
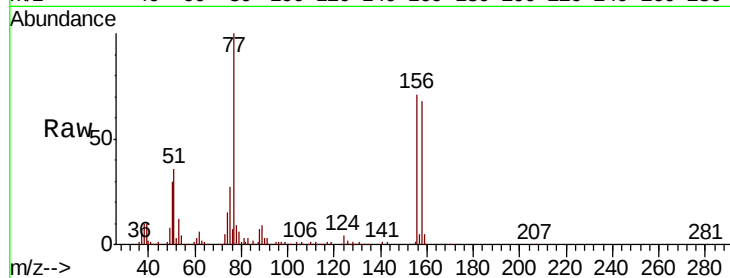
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	330892
Ion Ratio	Lower	Upper	
156	100		
77	155.9	81.2	243.4
158	96.1	48.4	145.2

Manual Integrations
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#78

n-propylbenzene

Concen: 49.860 ug/l

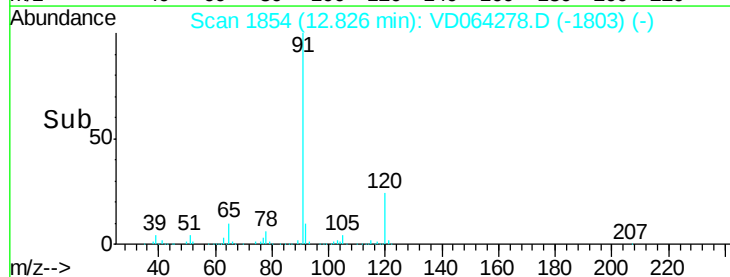
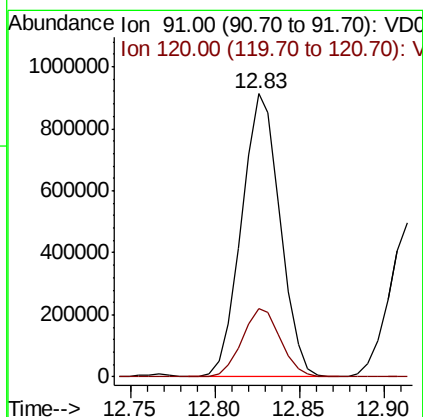
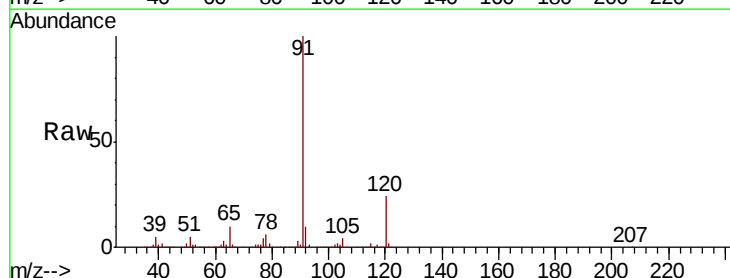
RT: 12.83 min Scan# 1854

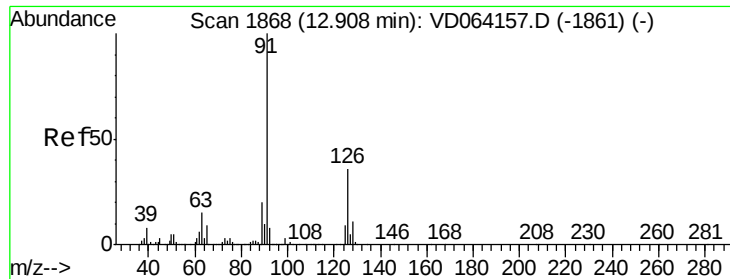
Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion:	91	Resp:	1447161
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.8	35.4





#79

2-Chlorotoluene

Concen: 49.414 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 809725

Ion Ratio Lower Upper

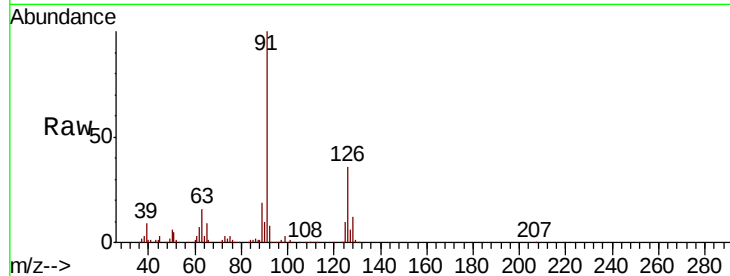
91 100

126 36.5 17.7 53.1

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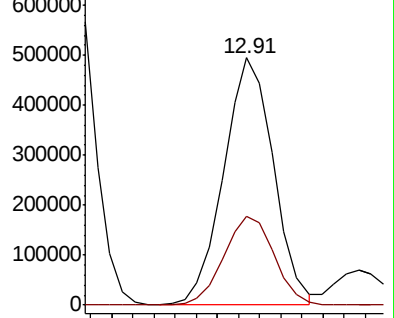
MMDadoda

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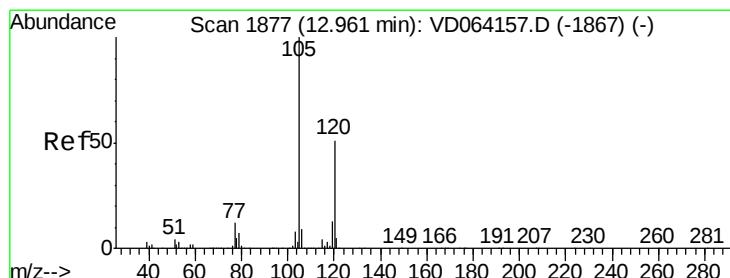
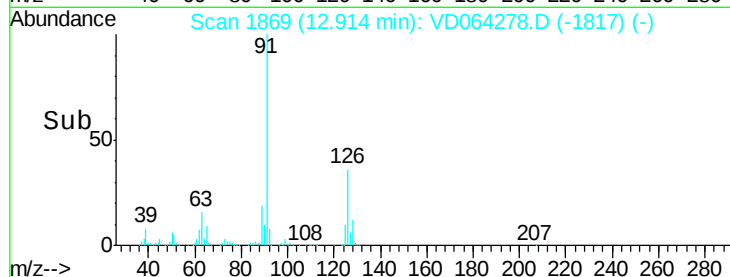


Abundance Ion 91.00 (90.70 to 91.70): VD064157.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD064157.D (-1861) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.018 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064278.D

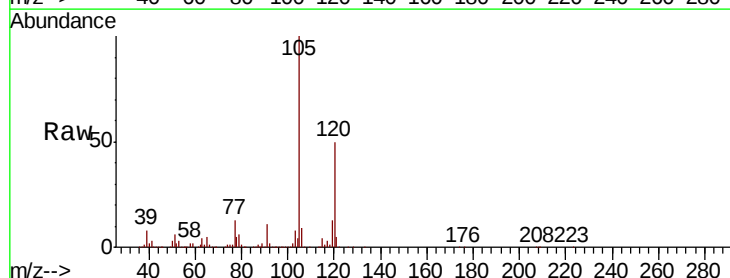
Acq: 18 Nov 2019 21:44

Tgt Ion: 105 Resp: 1044091

Ion Ratio Lower Upper

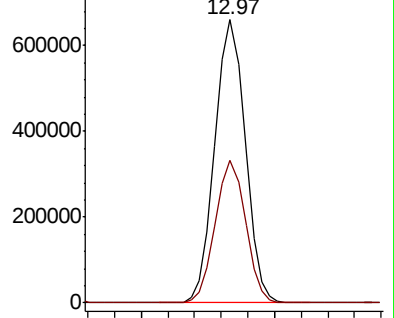
105 100

120 50.1 25.4 76.4

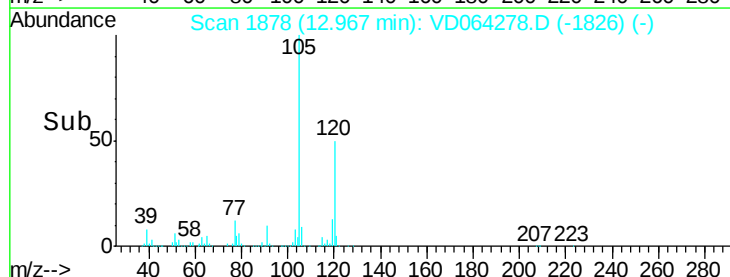


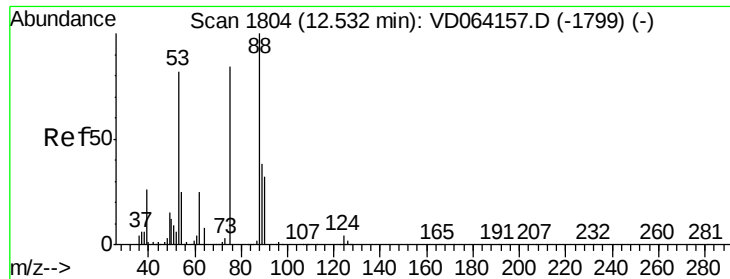
Abundance Ion 105.00 (104.70 to 105.70): VD064157.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD064157.D (-1867) (-)



Time-->





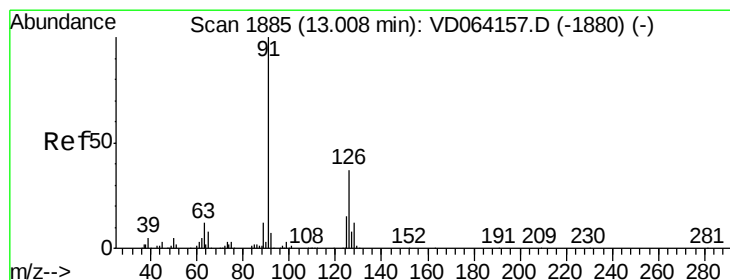
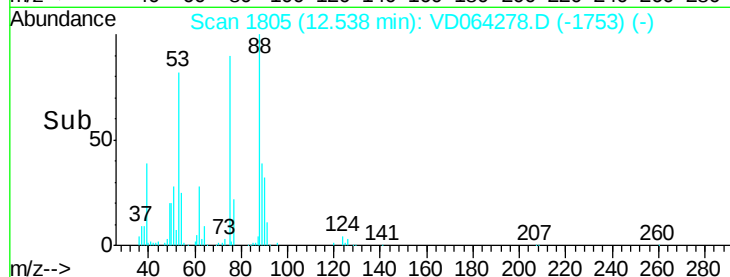
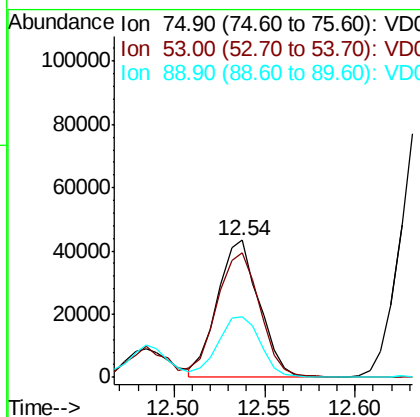
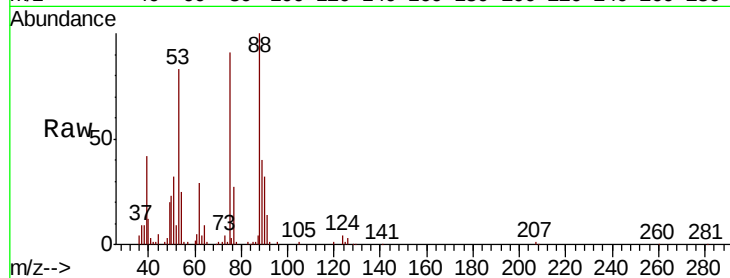
#81
trans-1,4-Dichloro-2-butene
Concen: 49.755 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	79.4	119.0
89	45.1	36.6	55.0

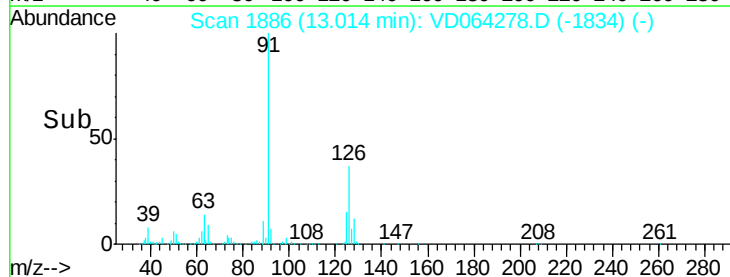
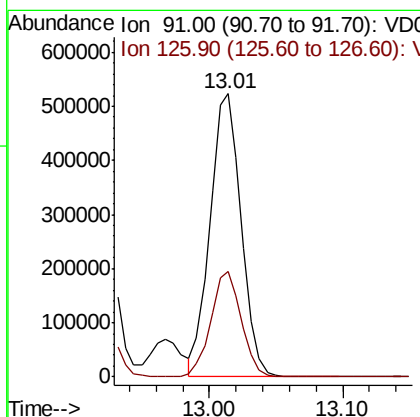
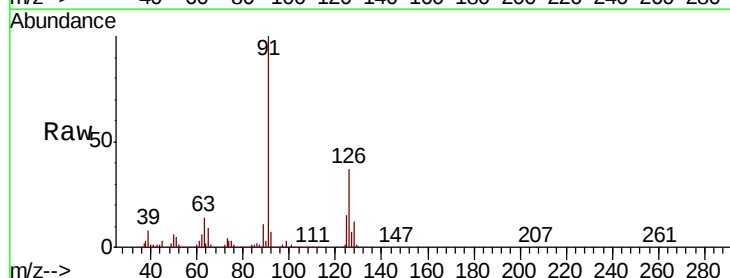
Manual Integrations
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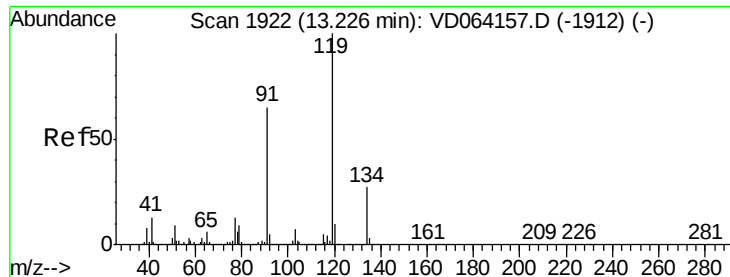
MMDadoda
11/20/2019 1:11:37 PM



#82
4-Chlorotoluene
Concen: 49.820 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	17.8	53.4





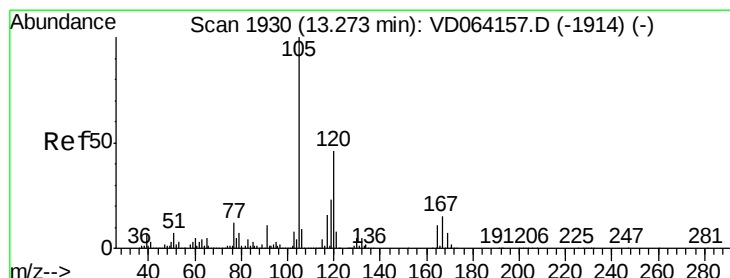
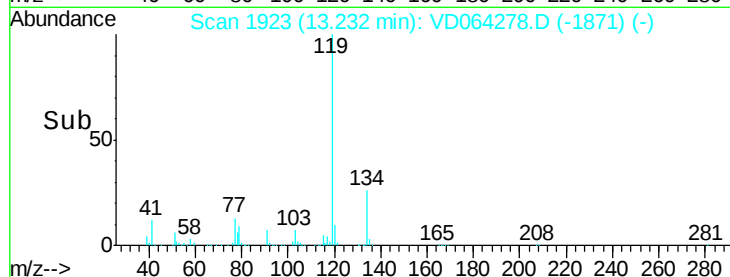
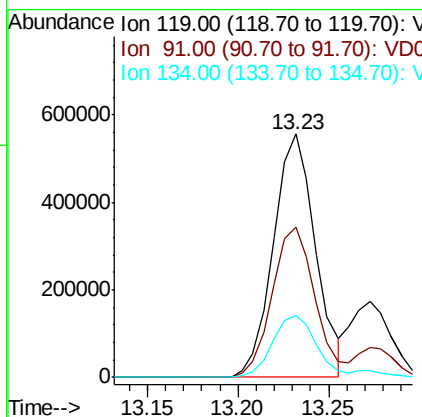
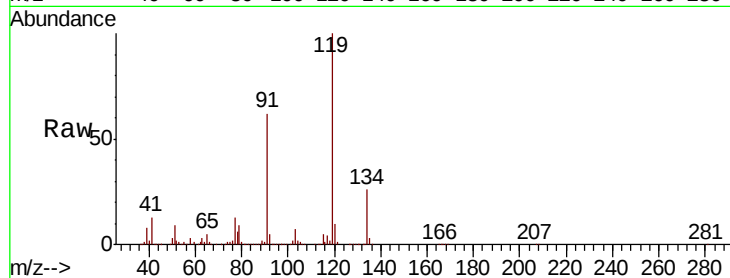
#83
tert-Butylbenzene
Concen: 48.958 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.8	95.4
134	26.4	13.7	41.0

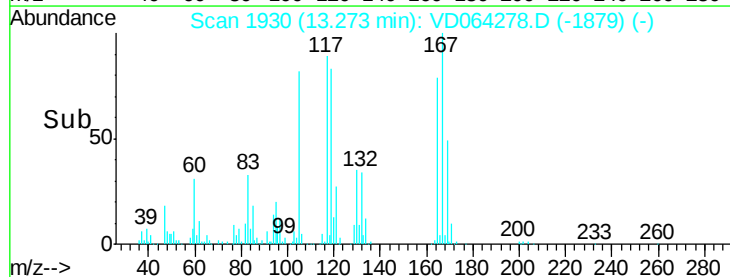
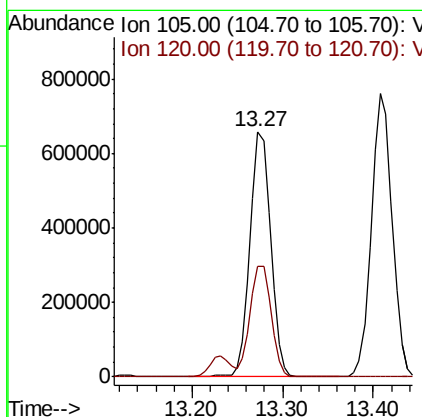
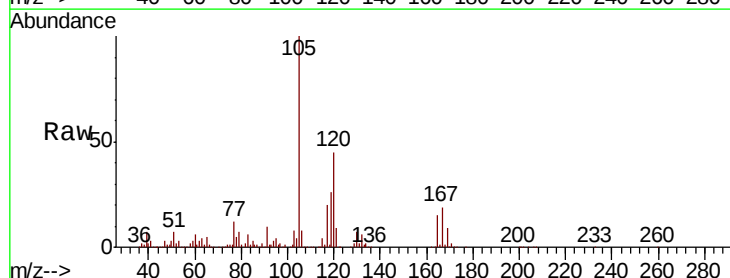
Manual Integrations
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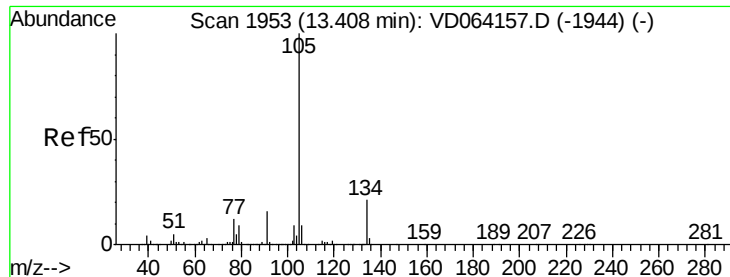
MMDadoda
11/20/2019 1:11:37 PM



#84
1,2,4-Trimethylbenzene
Concen: 50.760 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.3	69.8





#85

sec-Butylbenzene

Concen: 49.171 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1215584

Ion Ratio Lower Upper

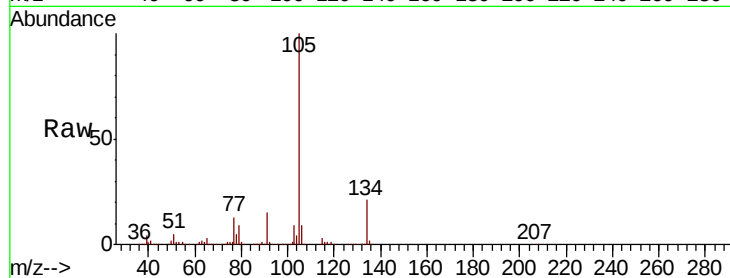
105 100

134 21.1 10.7 31.9

Manual Integrations
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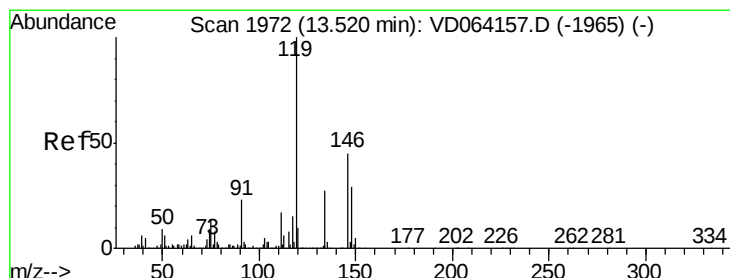
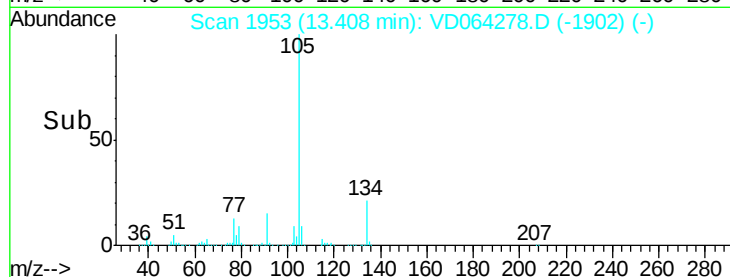
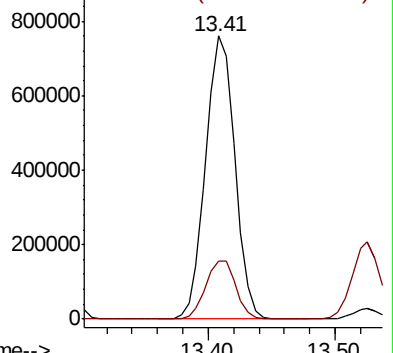
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.828 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

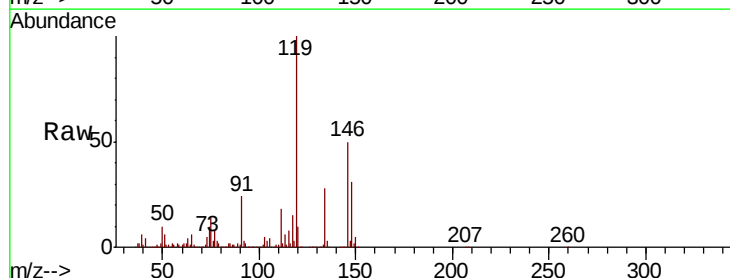
Tgt Ion:119 Resp: 1147607

Ion Ratio Lower Upper

119 100

134 27.6 13.5 40.5

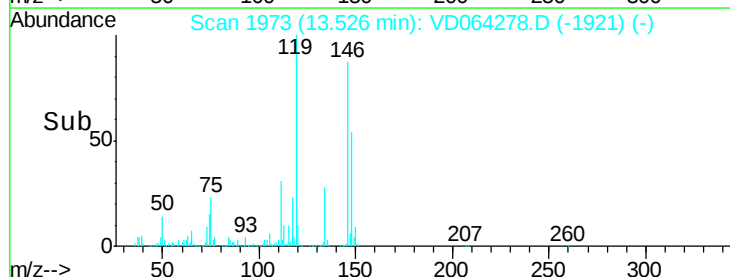
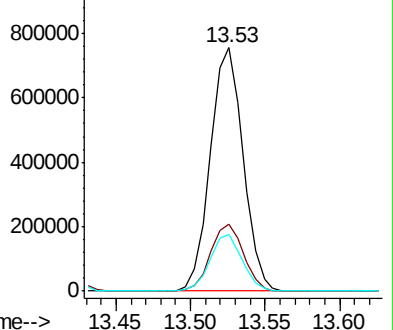
91 23.0 11.5 34.4

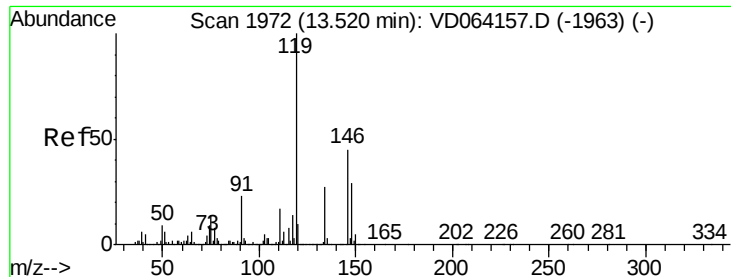


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





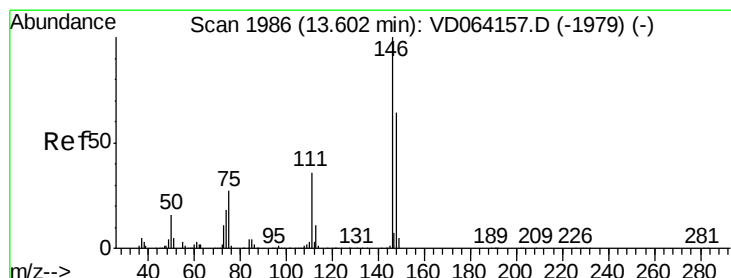
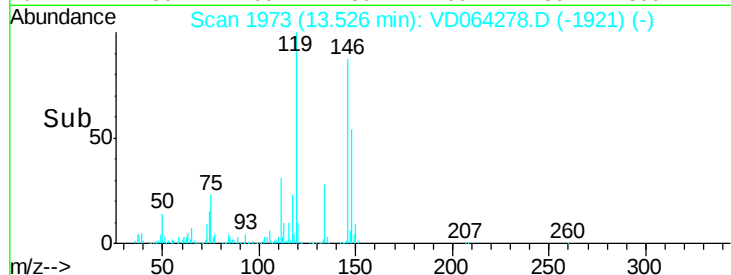
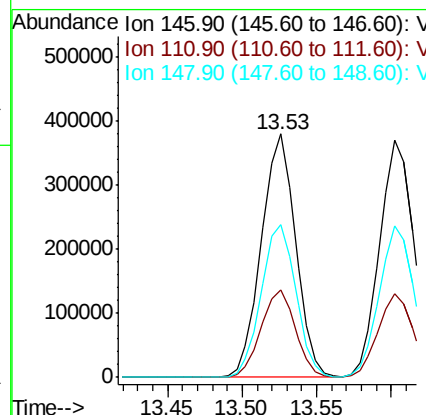
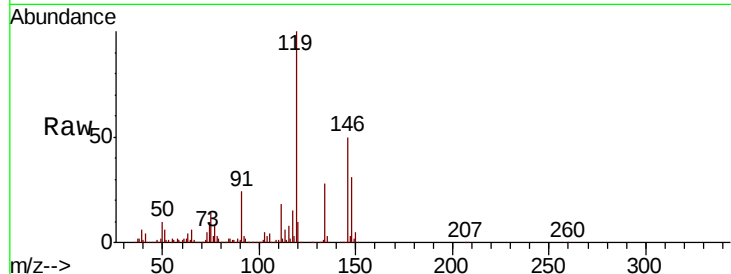
#87
 1,3-Dichlorobenzene
 Concen: 52.794 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.9	56.9
148	63.5	32.1	96.5

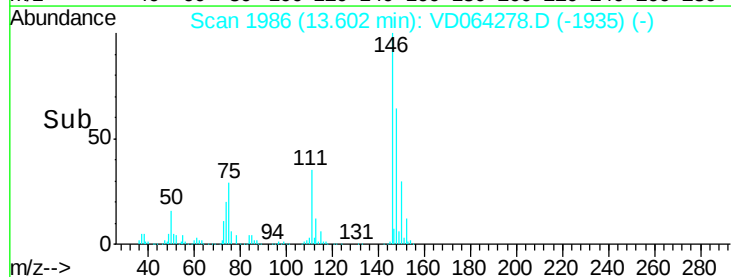
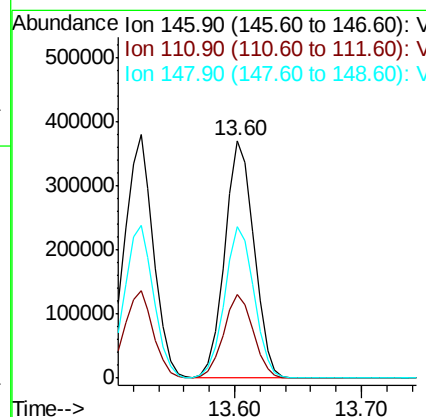
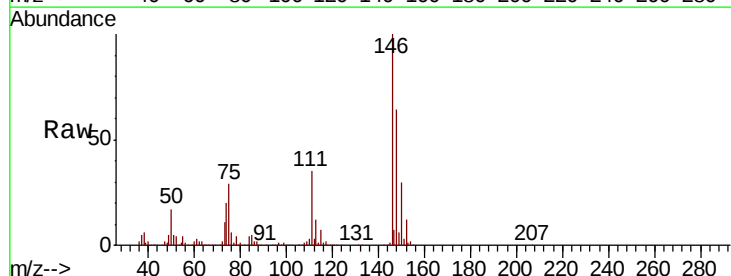
Manual Integrations
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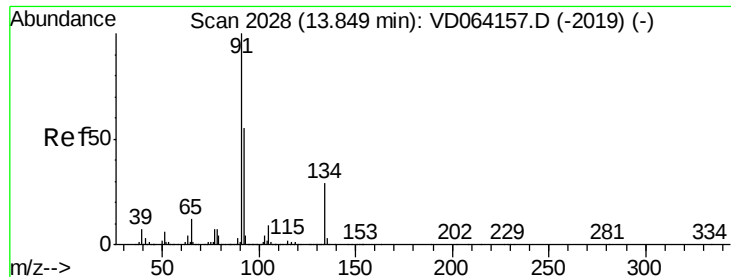
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 52.868 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.4
148	64.1	31.9	95.7





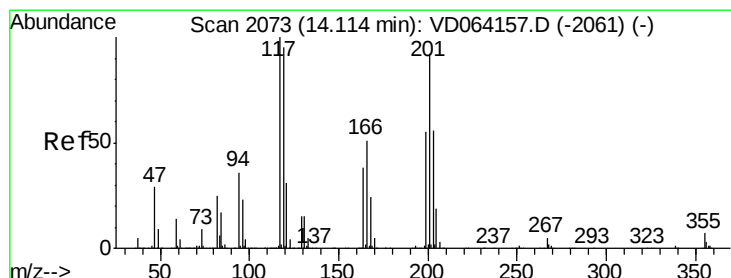
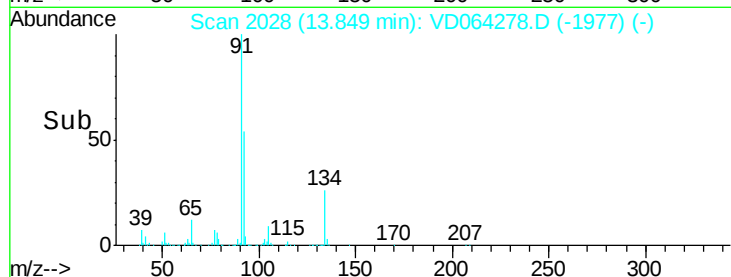
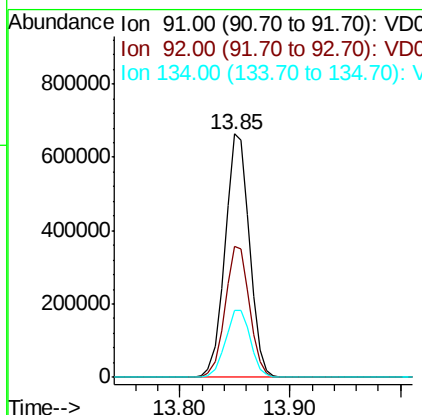
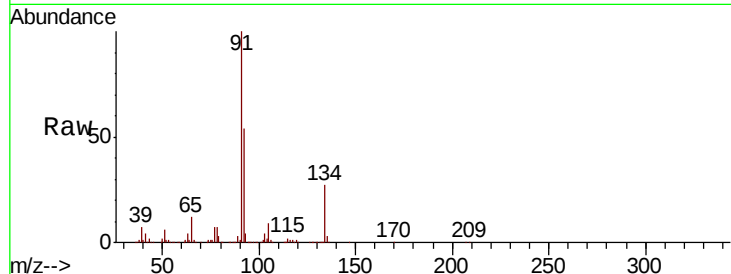
#89
n-Butylbenzene
Concen: 48.252 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.3	81.8
134	28.2	14.1	42.4

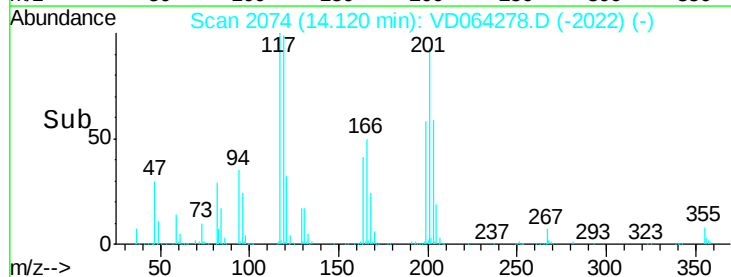
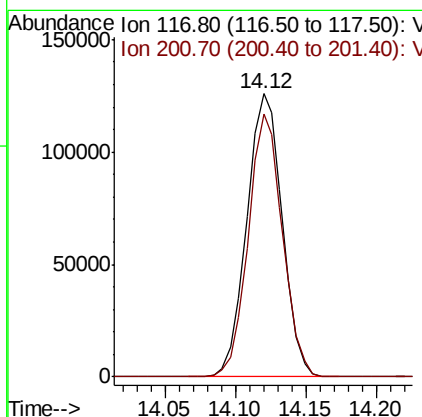
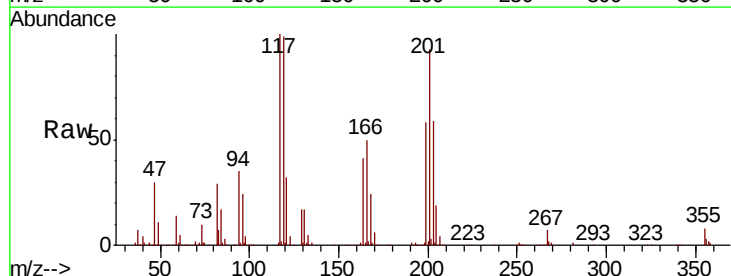
Manual Integrations
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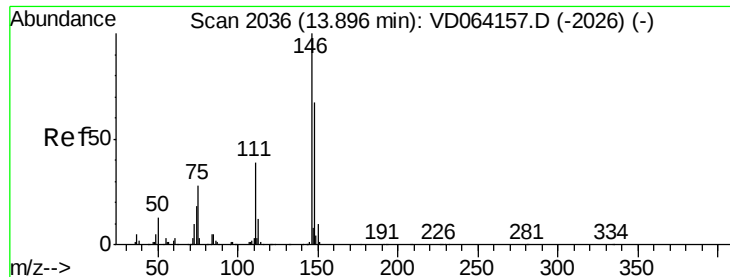
MMDadoda
11/20/2019 1:11:37 PM



#90
Hexachloroethane
Concen: 51.026 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064278.D
Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	45.8	137.4





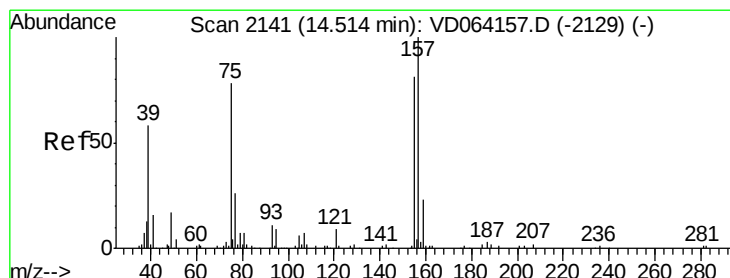
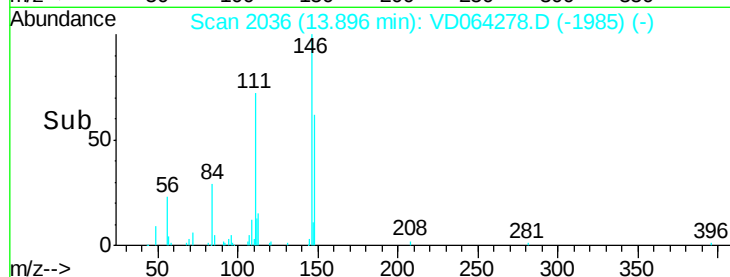
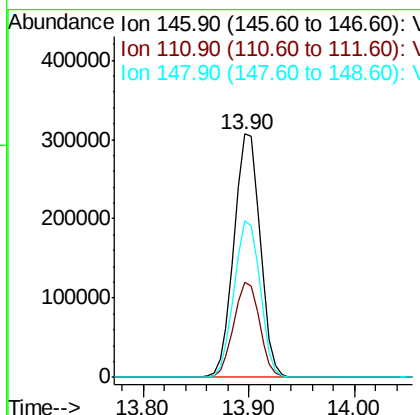
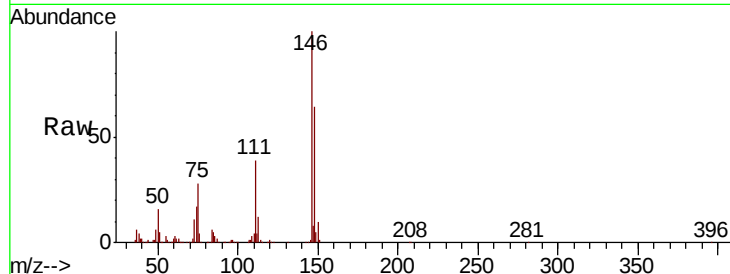
#91
 1,2-Dichlorobenzene
 Concen: 54.065 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.7	59.0
148	64.4	32.3	96.8

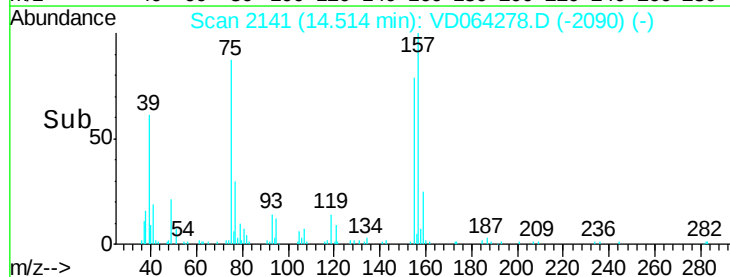
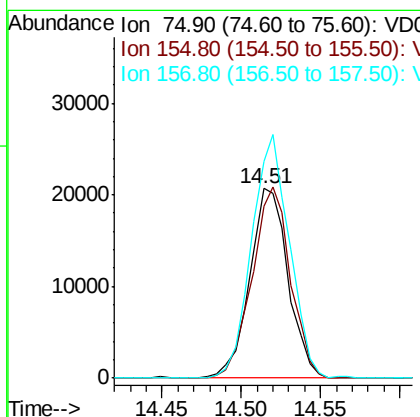
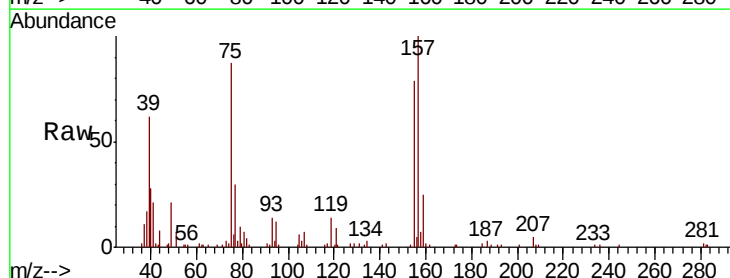
Manual Integrations
 APPROVED

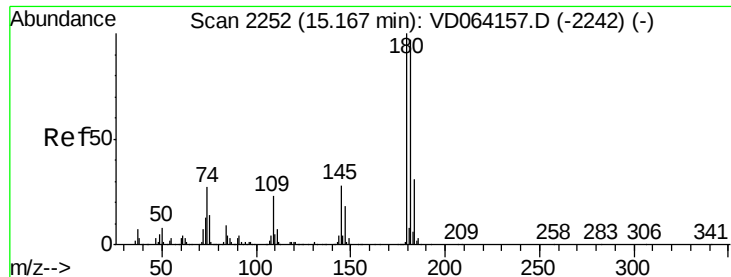
MMDadoda
 11/20/2019 1:11:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.865 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	48.0	144.0
157	126.8	61.5	184.4





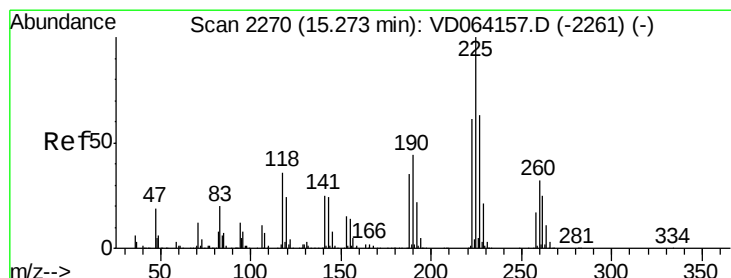
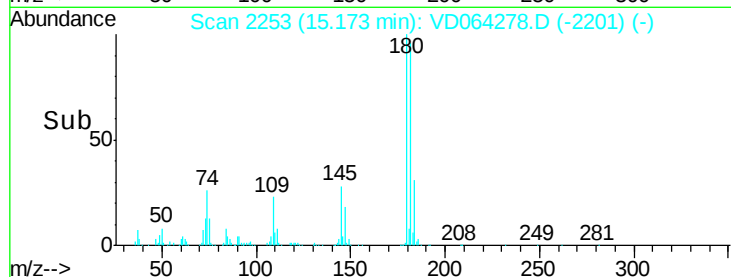
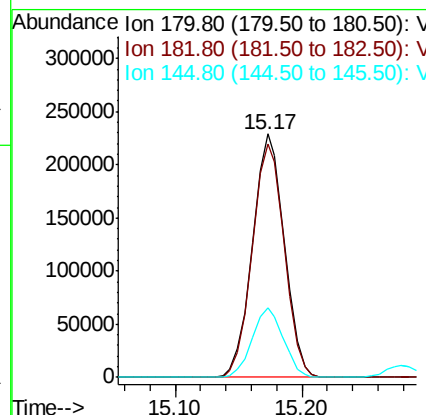
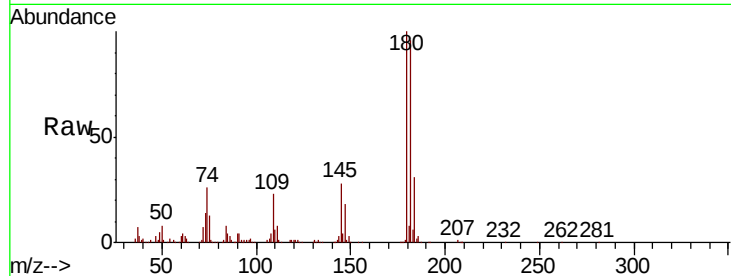
#93
 1,2,4-Trichlorobenzene
 Concen: 53.430 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	399674		
182	96.4	47.5	142.5	
145	28.2	14.2	42.6	

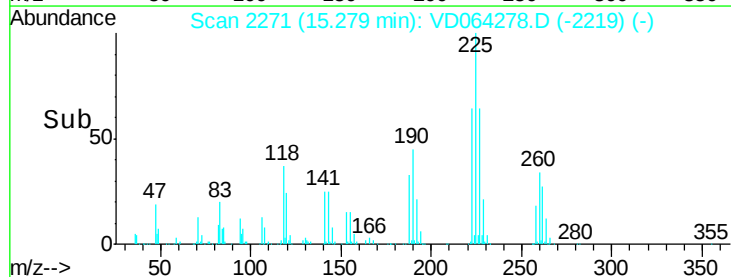
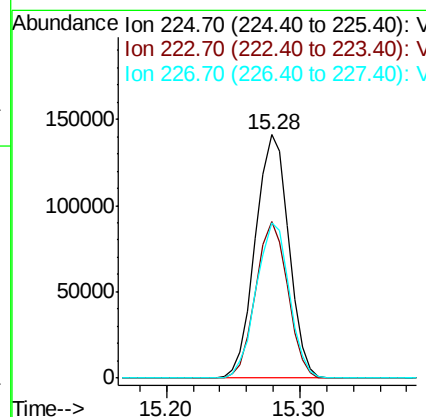
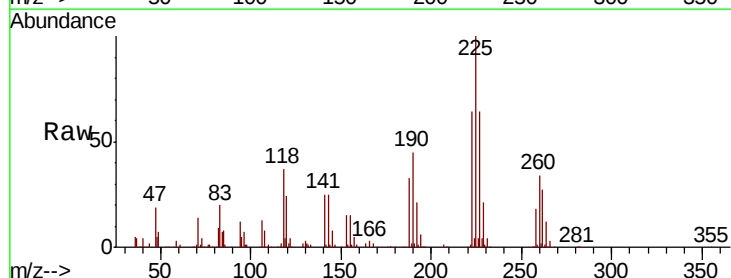
Manual Integrations
 APPROVED

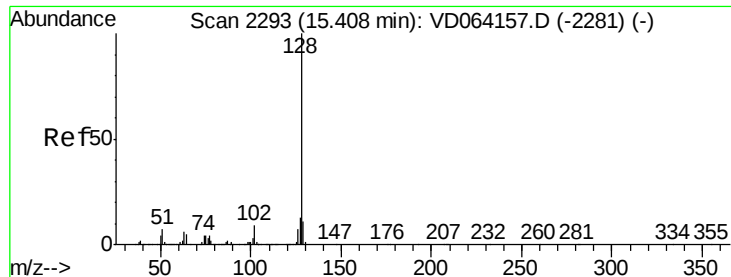
MMDadoda
 11/20/2019 1:11:37 PM



#94
 Hexachlorobutadiene
 Concen: 50.433 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064278.D
 Acq: 18 Nov 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	243667		
223	61.7	31.1	93.3	
227	63.2	31.5	94.5	





#95

Naphthalene

Concen: 55.622 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Instrument :

MSVOA_D

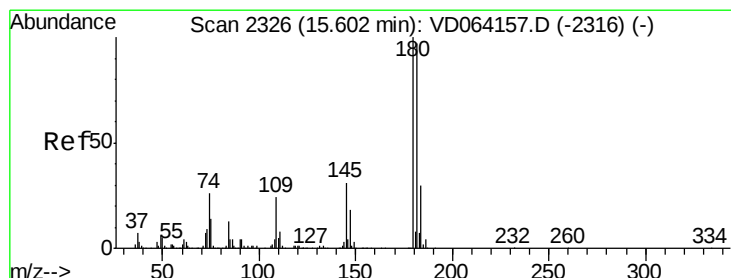
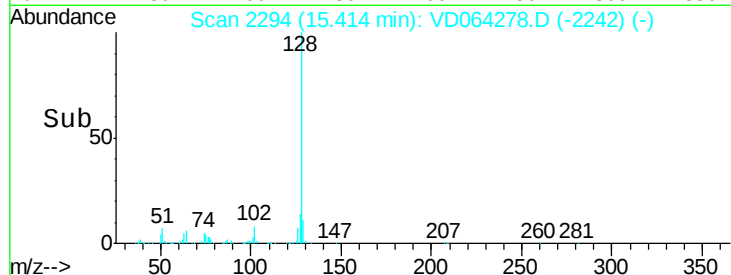
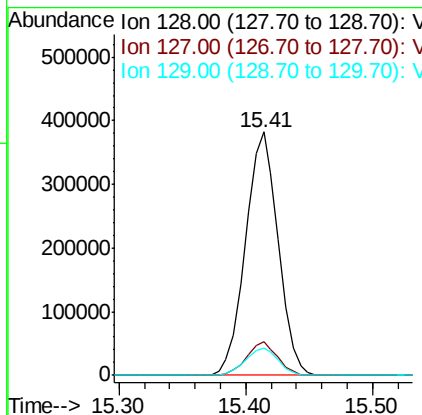
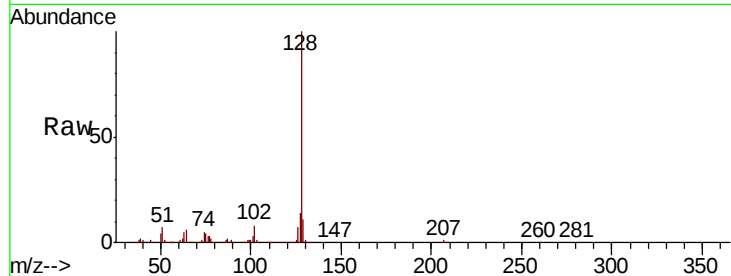
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	682029
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.3	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 54.526 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD064278.D

Acq: 18 Nov 2019 21:44

Tgt Ion:	180	Resp:	346704
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.3	144.9
145	29.8	15.3	45.8

