

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064337.D
 Acq On : 21 Nov 2019 21:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:36 AM

Quant Time: Nov 22 02:51:32 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	507149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	739426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	655307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	208737	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.92	113	213982	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.34	98	785105	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.64	95	264923	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	187944	44.683	ug/l	99
3) Chloromethane	2.21	50	222932	49.413	ug/l	99
4) Vinyl Chloride	2.35	62	268540	55.661	ug/l	97
5) Bromomethane	2.77	94	191528	62.868	ug/l	98
6) Chloroethane	2.92	64	191153	62.006	ug/l	100
7) Trichlorofluoromethane	3.27	101	475122	60.741	ug/l	98
8) Diethyl Ether	3.70	74	113965	52.988	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	220573	49.336	ug/l	100
10) Methyl Iodide	4.29	142	246330	48.337	ug/l	99
11) Tert butyl alcohol	5.25	59	75843	260.337	ug/l	99
12) 1,1-Dichloroethene	4.06	96	205681	48.266	ug/l	95
13) Acrolein	3.93	56	67819	275.178	ug/l	96
14) Allyl chloride	4.71	41	342394	45.443	ug/l	96
15) Acrylonitrile	5.43	53	251691	274.502	ug/l	100
16) Acetone	4.17	43	186747	188.994	ug/l	96
17) Carbon Disulfide	4.40	76	583892	43.997	ug/l	100
18) Methyl Acetate	4.73	43	149415	54.139	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	537537	52.838	ug/l	96
20) Methylene Chloride	4.96	84	242025	48.490	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	241578	50.036	ug/l	90
22) Diisopropyl ether	6.37	45	706286	50.521	ug/l	96
23) Vinyl Acetate	6.31	43	2058919	264.209	ug/l	97
24) 1,1-Dichloroethane	6.27	63	415310	51.164	ug/l	99
25) 2-Butanone	7.23	43	311177	243.757	ug/l	98
26) 2,2-Dichloropropane	7.21	77	344109	43.228	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	273116	52.750	ug/l	92
28) Bromochloromethane	7.55	49	166729	58.998	ug/l	95
29) Tetrahydrofuran	7.57	42	204754	266.954	ug/l	97
30) Chloroform	7.71	83	442575	53.303	ug/l	98
31) Cyclohexane	7.98	56	349247	42.662	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	386031	48.555	ug/l	100
36) 1,1-Dichloropropene	8.11	75	319324	46.792	ug/l	99
37) Ethyl Acetate	7.30	43	145511	50.578	ug/l	97
38) Carbon Tetrachloride	8.10	117	348695	47.753	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	391547	45.343	ug/l	98
40) Benzene	8.35	78	920320	49.345	ug/l	97
41) Methacrylonitrile	7.53	41	84196	46.563	ug/l #	86
42) 1,2-Dichloroethane	8.43	62	278433	49.706	ug/l	98
43) Isopropyl Acetate	8.46	43	297353	50.163	ug/l	98
44) Trichloroethene	9.11	130	282699	50.502	ug/l	99
45) 1,2-Dichloropropane	9.39	63	232553	51.228	ug/l	96
46) Dibromomethane	9.48	93	132375	54.469	ug/l	99
47) Bromodichloromethane	9.67	83	342595	52.334	ug/l	99
48) Methyl methacrylate	9.46	41	137738	47.520	ug/l	90
49) 1,4-Dioxane	9.47	88	31275	1071.514	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	730272	256.904	ug/l	99
52) Toluene	10.41	92	608015	49.577	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	326845	49.837	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	381140	49.803	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	182737	55.428	ug/l	98
56) Ethyl methacrylate	10.67	69	237377	51.471	ug/l	95
57) 1,3-Dichloropropane	10.95	76	309047	53.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	492833	263.807	ug/l	98
59) 2-Hexanone	10.99	43	488453	241.529	ug/l	98
60) Dibromochloromethane	11.14	129	244462	53.140	ug/l	99
61) 1,2-Dibromoethane	11.25	107	179228	54.276	ug/l	99
64) Tetrachloroethene	10.88	164	236793	46.984	ug/l	97
65) Chlorobenzene	11.67	112	662870	49.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	259318	51.178	ug/l	99
67) Ethyl Benzene	11.75	91	1164153	48.297	ug/l	99
68) m/p-Xylenes	11.86	106	897808	97.175	ug/l	99
69) o-Xylene	12.18	106	415729	48.517	ug/l	100
70) Styrene	12.20	104	740791	49.527	ug/l	99
71) Bromoform	12.37	173	148150	51.376	ug/l #	97
73) Isopropylbenzene	12.48	105	1140061	47.317	ug/l	99
74) N-amyl acetate	12.30	43	265099	46.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	191764	52.820	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	122774m	46.435	ug/l	
77) Bromobenzene	12.77	156	296303	50.620	ug/l	96
78) n-propylbenzene	12.83	91	1295316	47.055	ug/l	99
79) 2-Chlorotoluene	12.91	91	720911	46.386	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	929464	46.947	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	59595	44.772	ug/l	98
82) 4-Chlorotoluene	13.01	91	756790	46.686	ug/l	98
83) tert-Butylbenzene	13.23	119	816924	46.795	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	943202	48.256	ug/l	100
85) sec-Butylbenzene	13.41	105	1089122	46.450	ug/l	99
86) p-Isopropyltoluene	13.53	119	1051187	47.157	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	535938	49.323	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	530936	50.065	ug/l	100
89) n-Butylbenzene	13.86	91	943817	46.866	ug/l	99
90) Hexachloroethane	14.12	117	196605	47.724	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	467192	50.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	29339	45.198	ug/l	89

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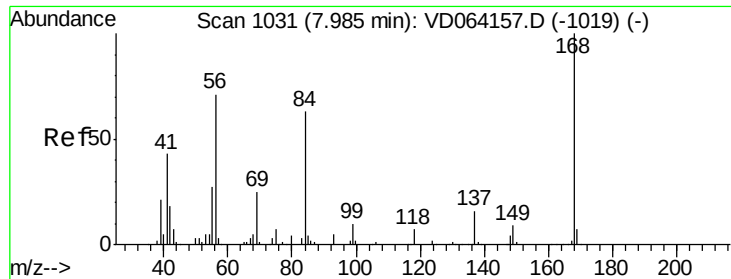
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	356914	50.308	ug/l	100
94) Hexachlorobutadiene	15.28	225	222423	48.539	ug/l	100
95) Naphthalene	15.41	128	608694	52.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	310350	51.462	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 507149

Ion Ratio Lower Upper

168 100

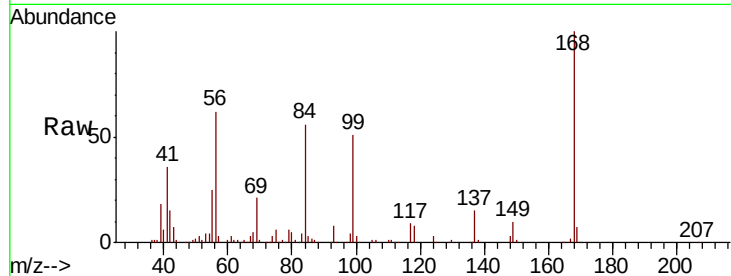
99 50.4 41.6 62.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

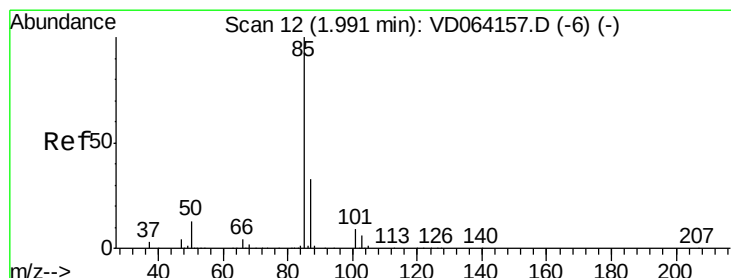
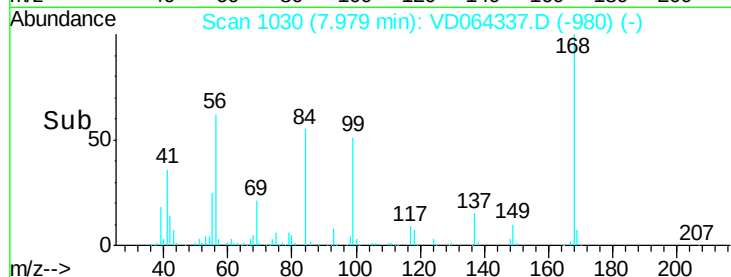
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.683 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064337.D

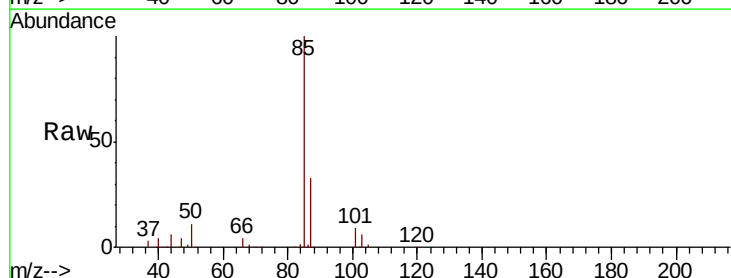
Acq: 21 Nov 2019 21:14

Tgt Ion: 85 Resp: 187944

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

100000

50000

0

1.90

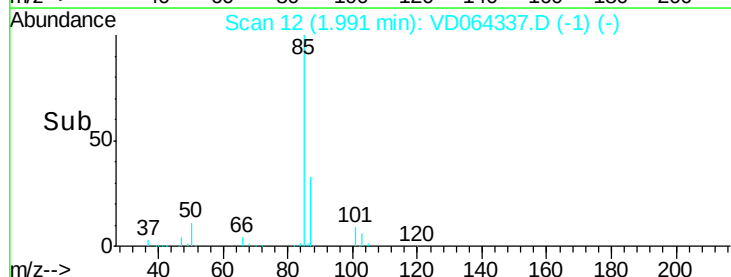
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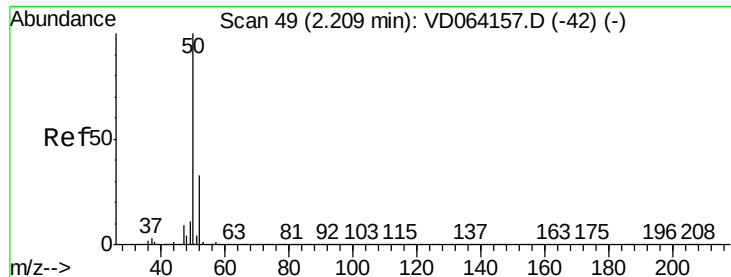
2.00

2.05

2.10

Time-->





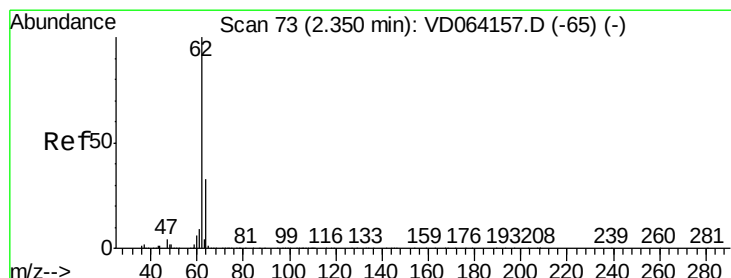
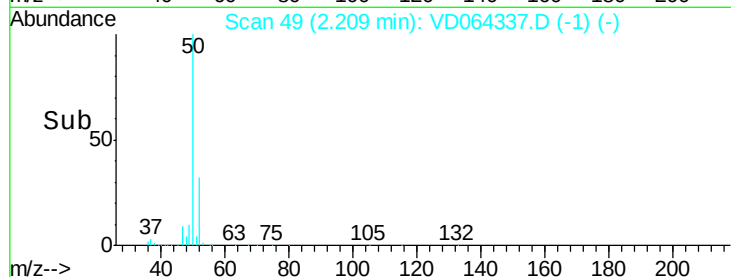
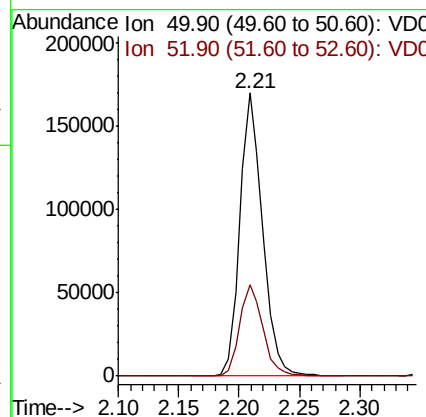
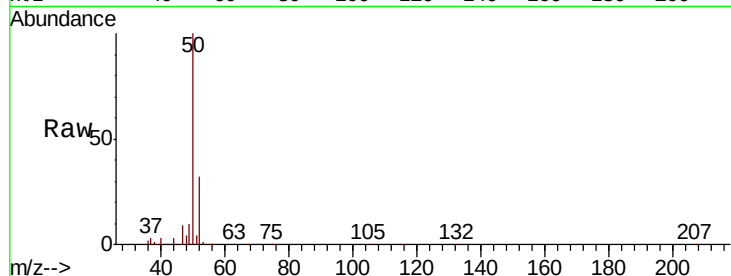
#3
Chloromethane
Concen: 49.413 ug/l
RT: 2.21 min Scan# 49
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.2	39.4

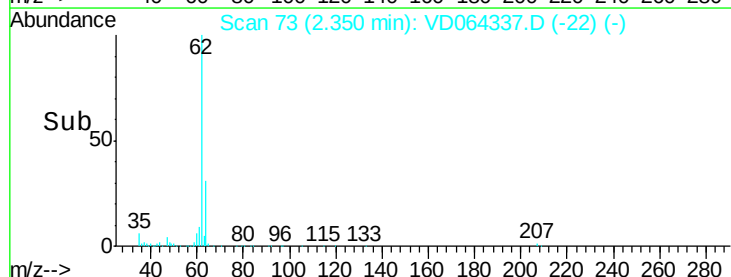
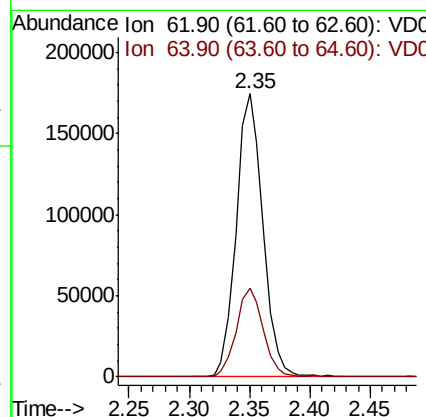
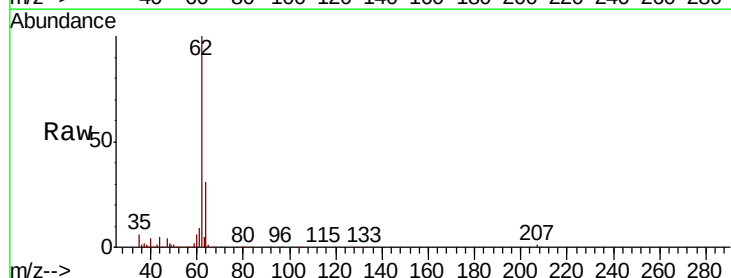
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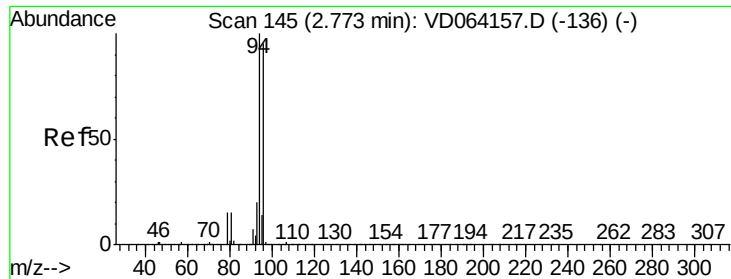
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#4
Vinyl Chloride
Concen: 55.661 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.3	26.2	39.2





#5

Bromomethane

Concen: 62.868 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 191528

Ion Ratio Lower Upper

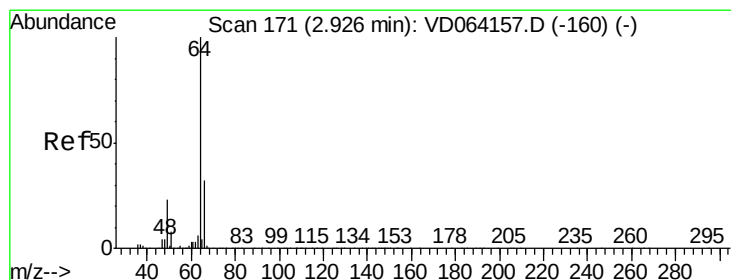
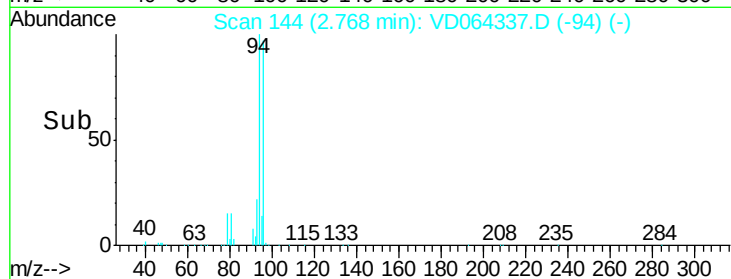
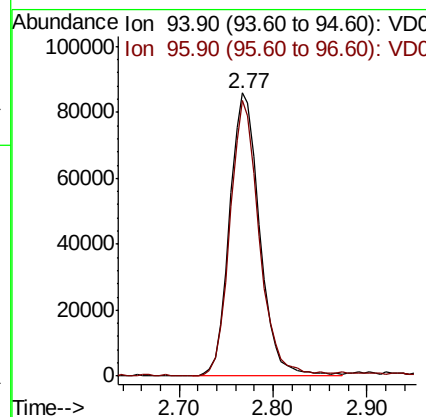
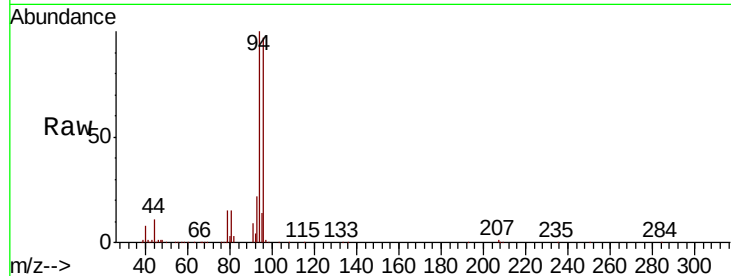
94 100

96 97.0 76.2 114.4

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#6

Chloroethane

Concen: 62.006 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064337.D

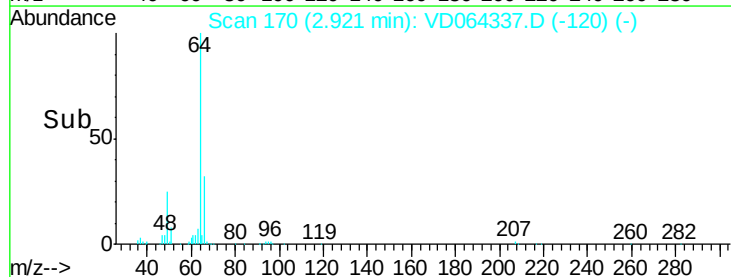
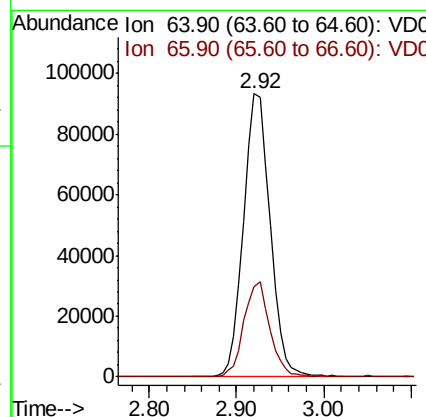
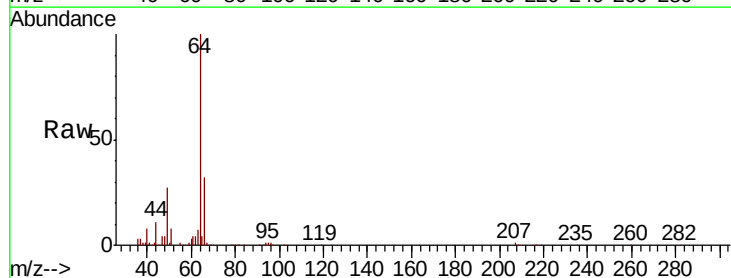
Acq: 21 Nov 2019 21:14

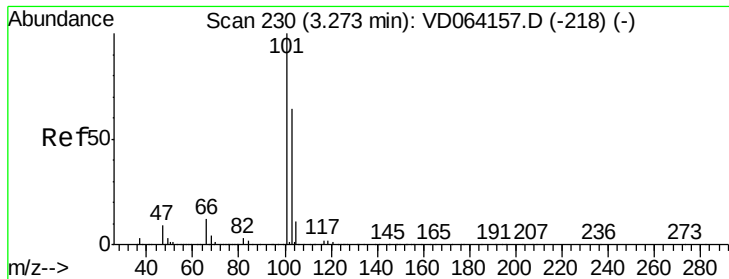
Tgt Ion: 64 Resp: 191153

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

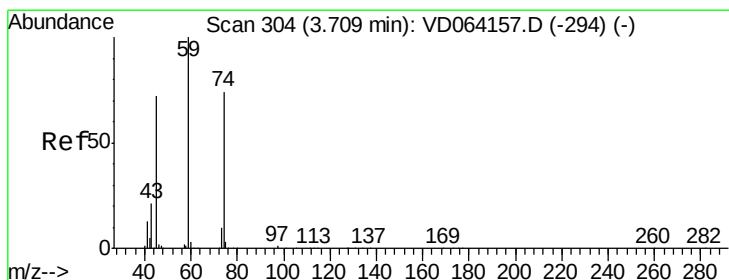
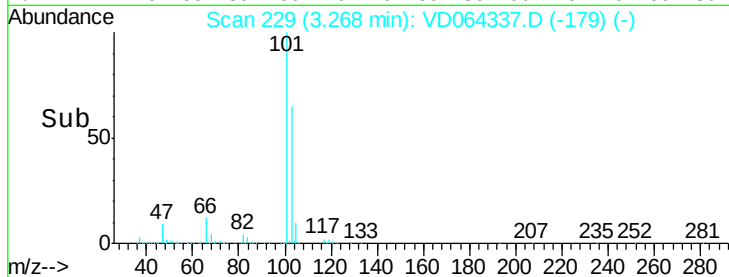
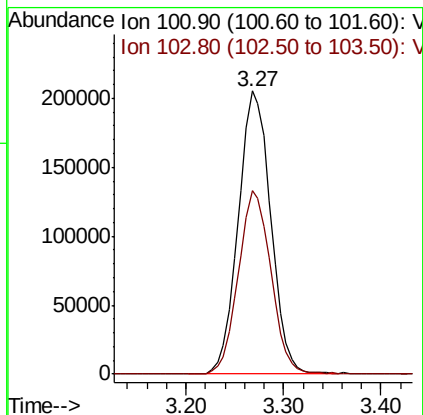
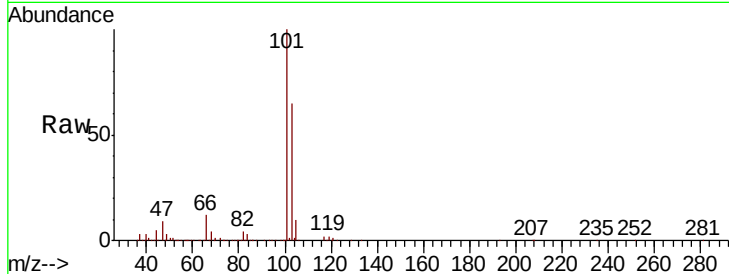
Trichlorofluoromethane
 Concen: 60.741 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.8	76.2

Manual Integrations
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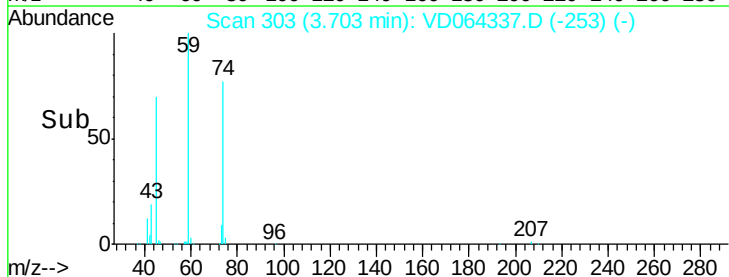
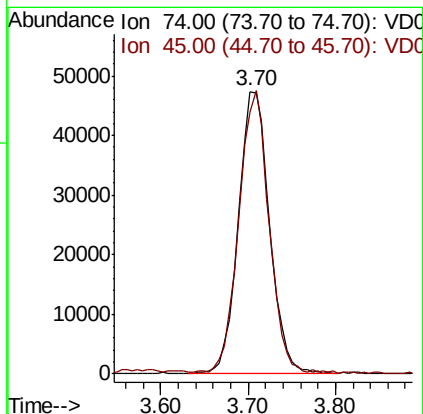
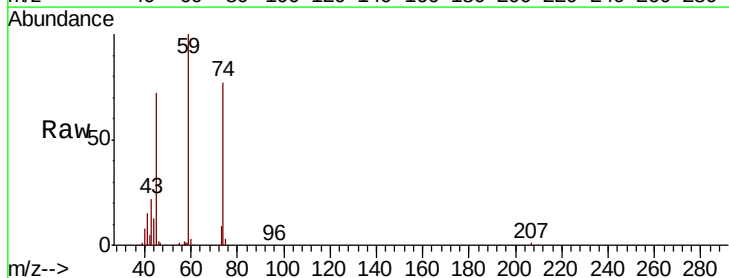
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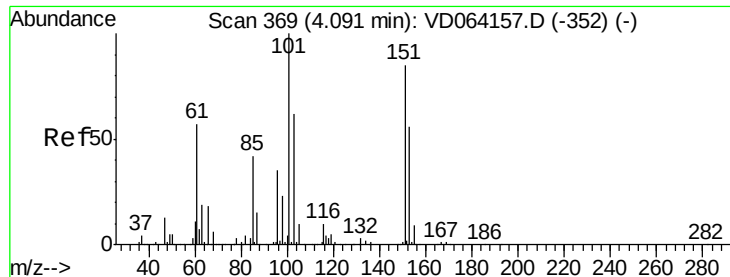


#8

Diethyl Ether
 Concen: 52.988 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	47.9	143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.336 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

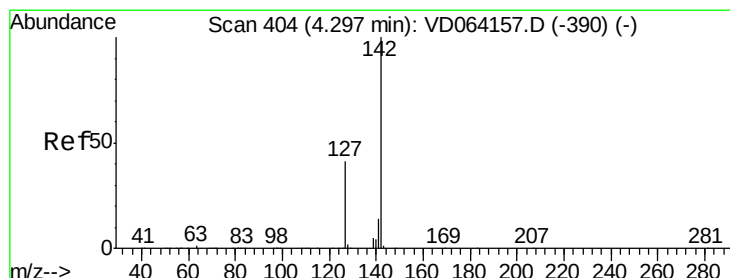
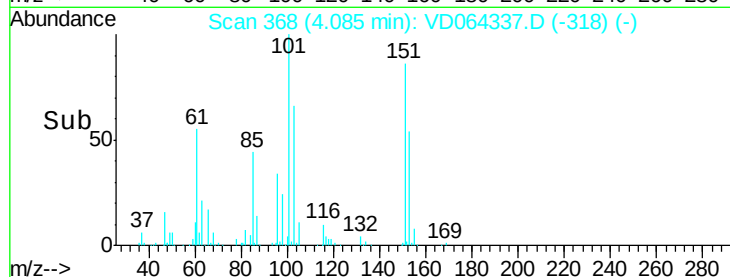
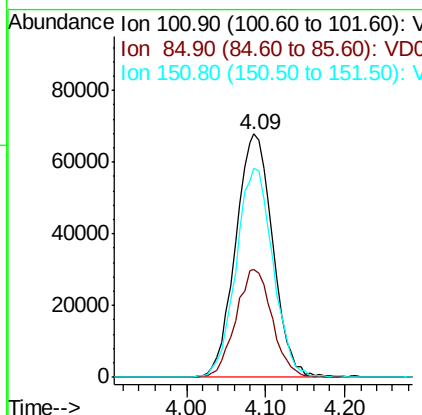
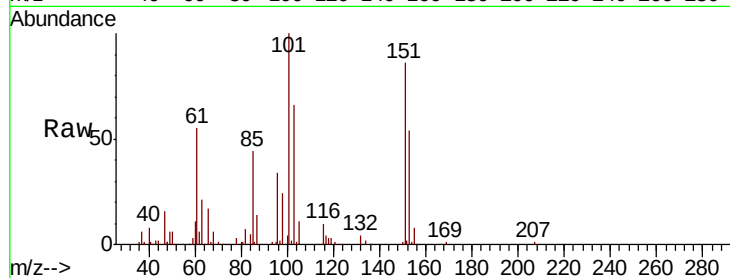
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	220573
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.4	51.6
151	85.4	68.1	102.1

Manual Integrations
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#10

Methyl Iodide

Concen: 48.337 ug/l

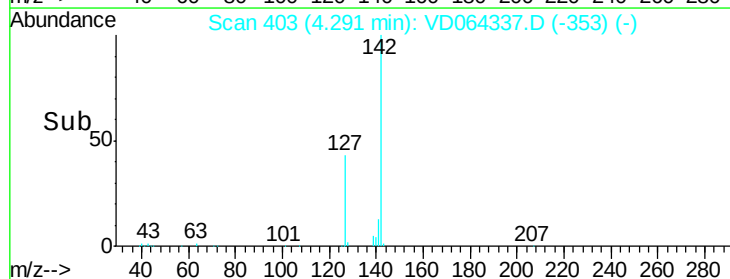
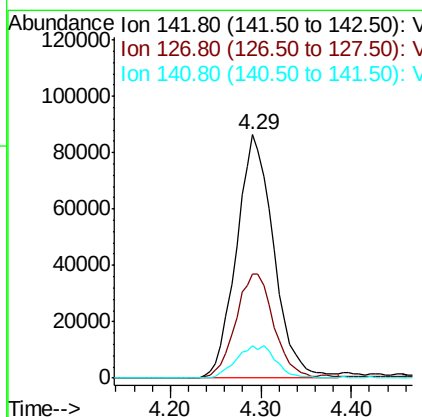
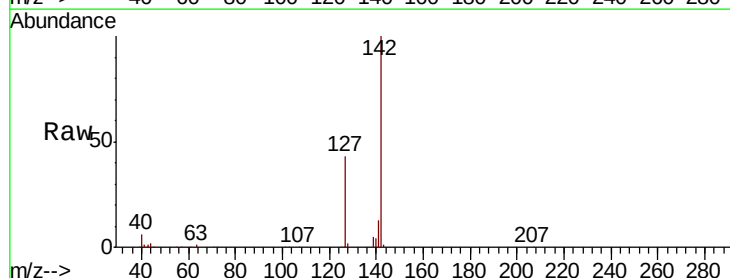
RT: 4.29 min Scan# 403

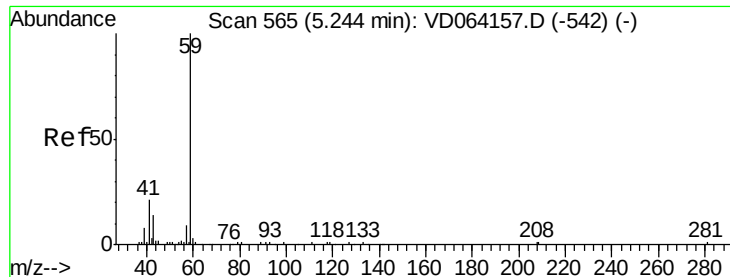
Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	142	Resp:	246330
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.4	51.6
141	14.3	11.2	16.8





#11

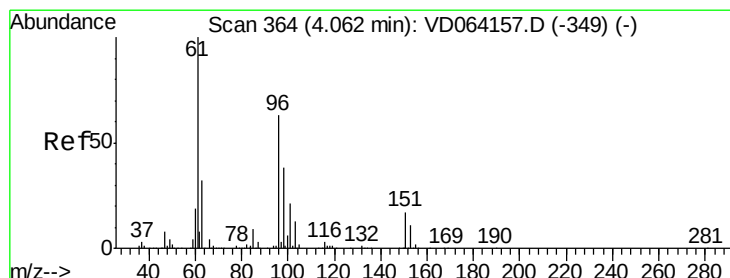
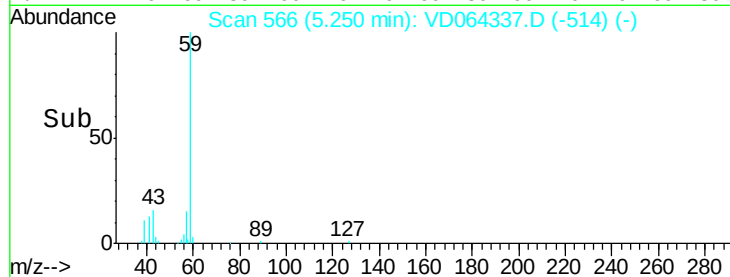
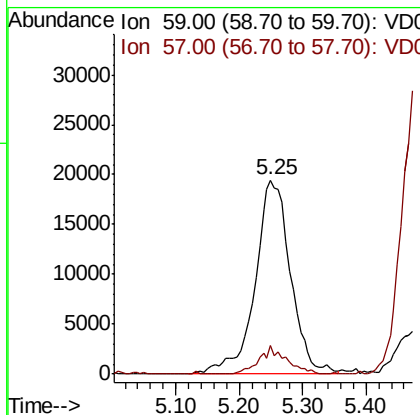
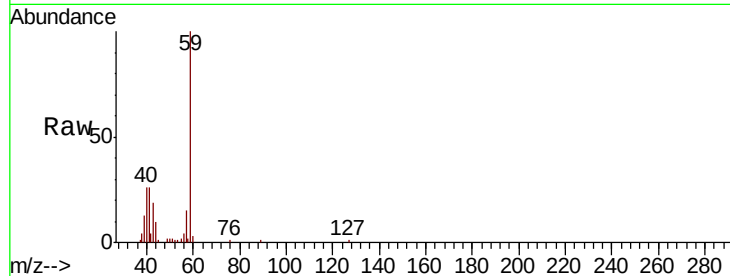
Tert butyl alcohol
Concen: 260.337 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.2	9.4	14.2

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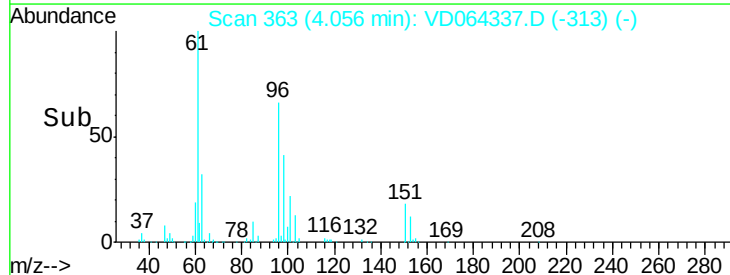
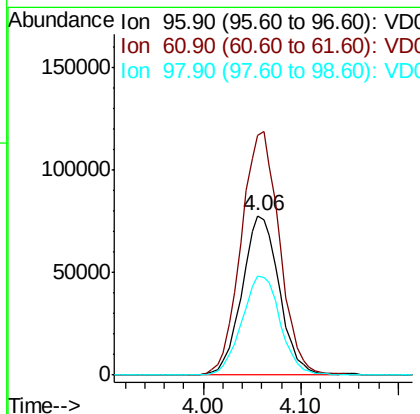
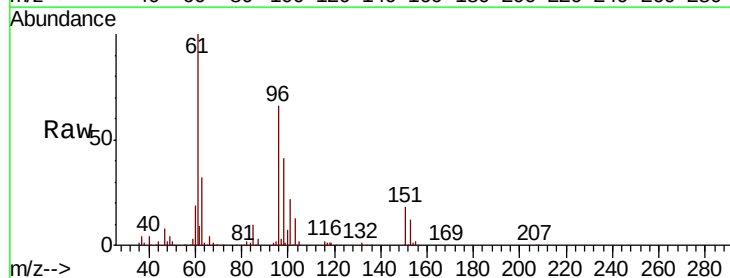
MMDadoda
11/23/2019 6:11:36 AM

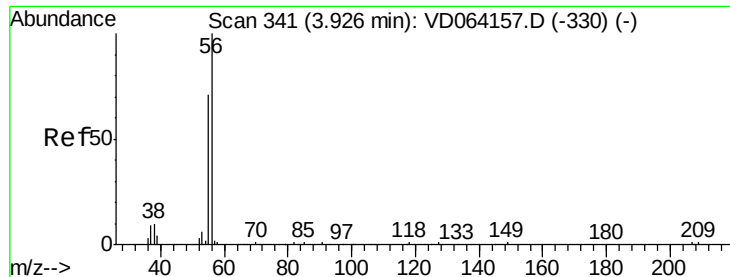


#12

1,1-Dichloroethene
Concen: 48.266 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	150.8	127.4	191.2
98	98	62.2	48.1	72.1





#13

Acrolein

Concen: 275.178 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 67819

Ion Ratio Lower Upper

56 100

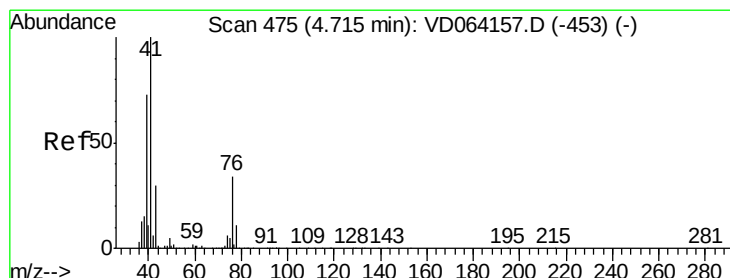
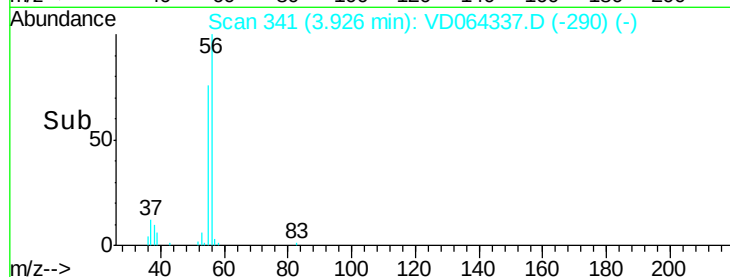
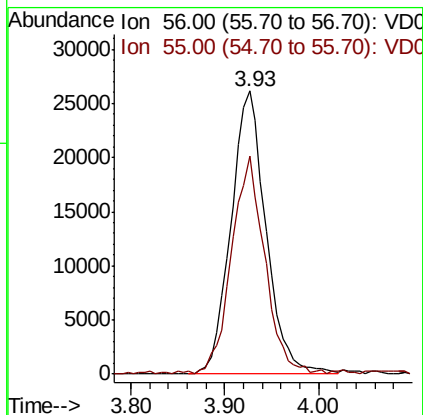
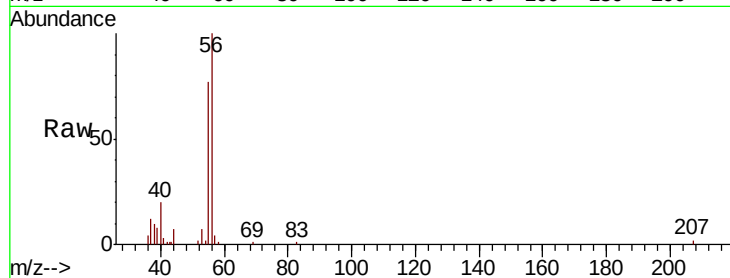
55 73.1 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 45.443 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

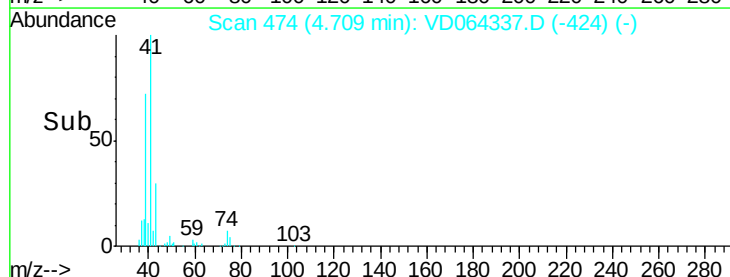
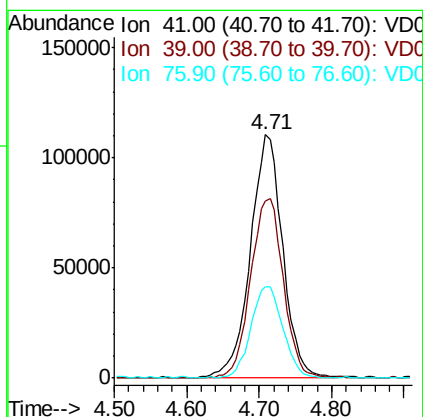
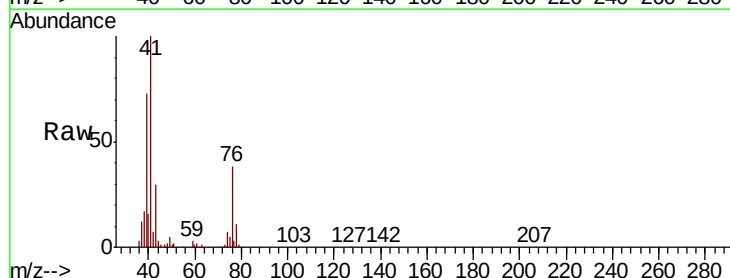
Tgt Ion: 41 Resp: 342394

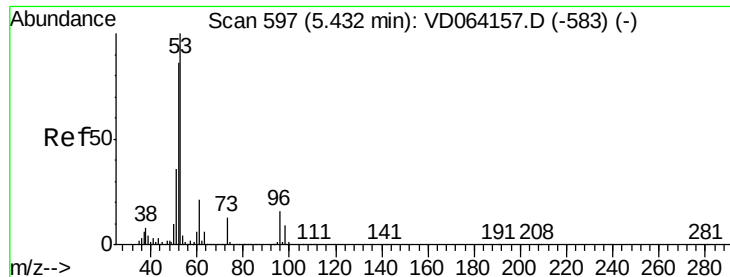
Ion Ratio Lower Upper

41 100

39 75.1 57.5 86.3

76 36.6 26.8 40.2





#15

Acrylonitrile

Concen: 274.502 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

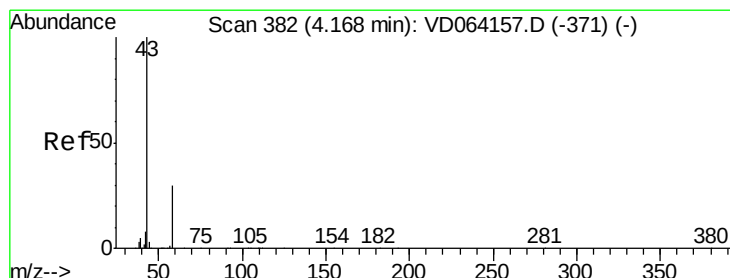
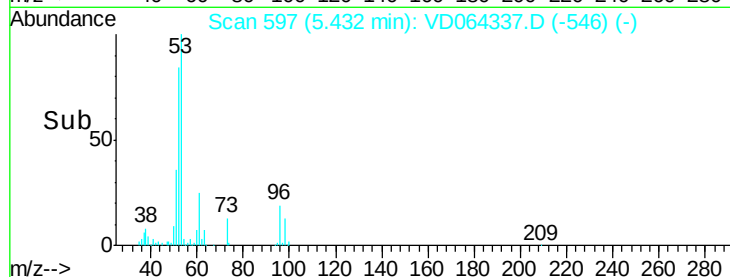
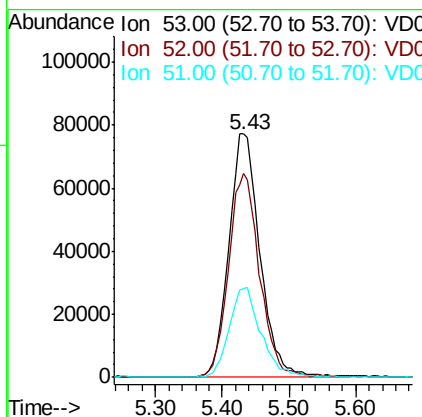
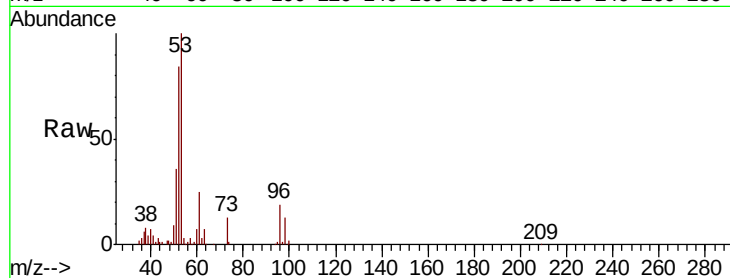
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	251691
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.7	100.1
51	37.9	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 188.994 ug/l

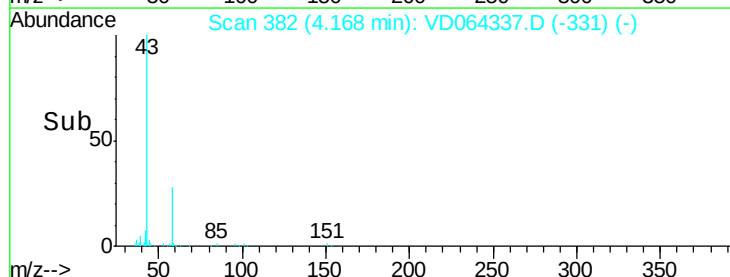
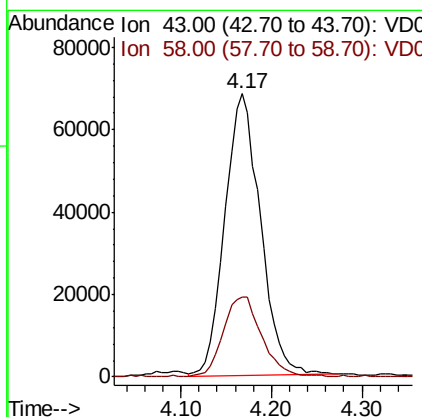
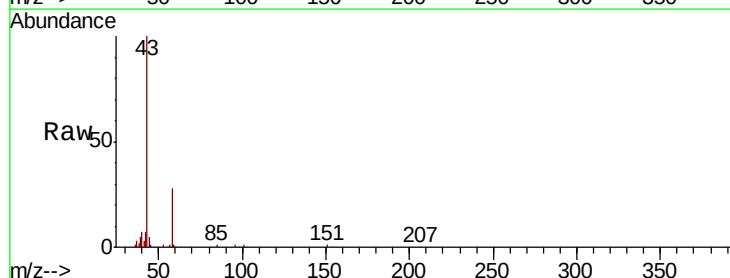
RT: 4.17 min Scan# 382

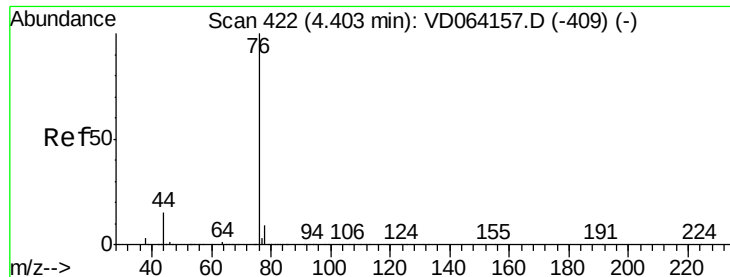
Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	43	Resp:	186747
Ion Ratio	Lower	Upper	
43	100		
58	28.2	24.1	36.1





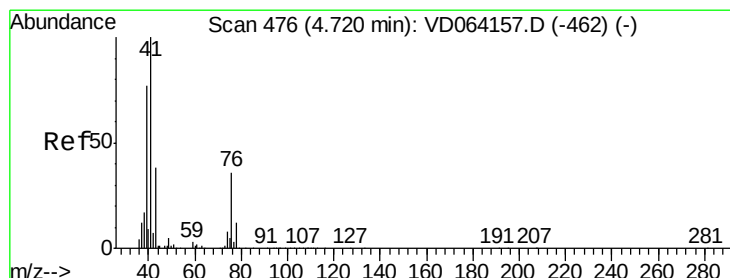
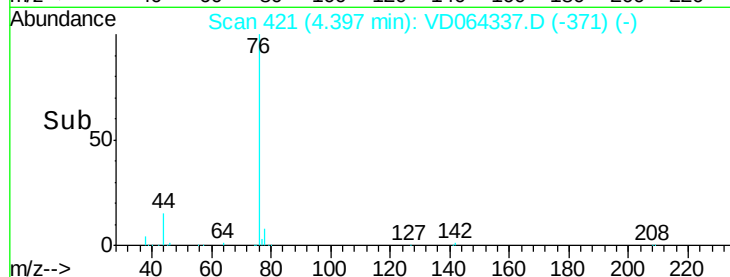
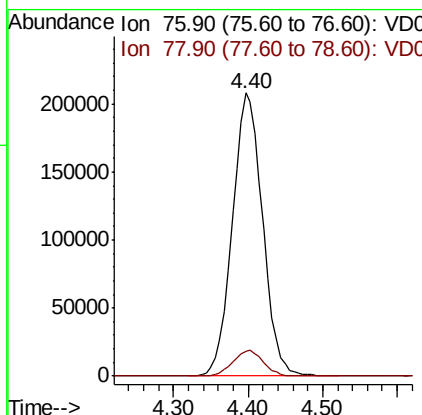
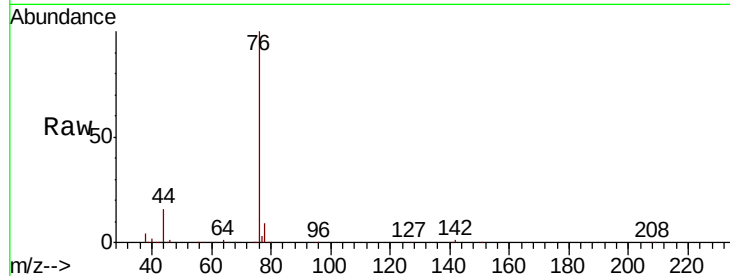
#17
Carbon Disulfide
Concen: 43.997 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

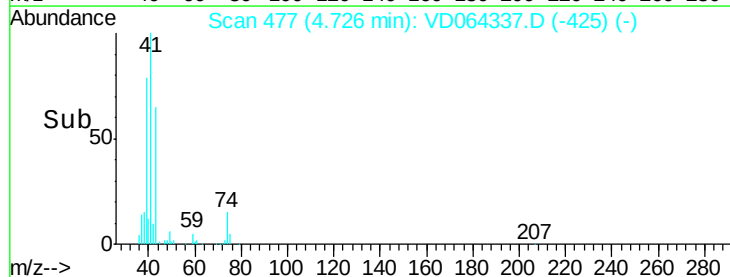
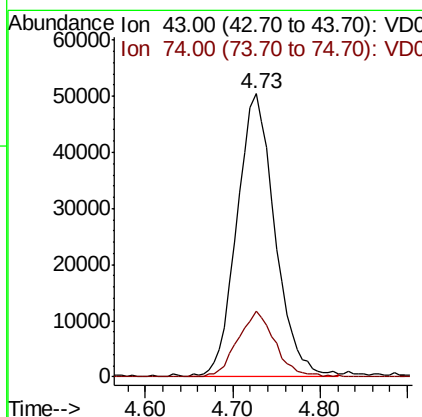
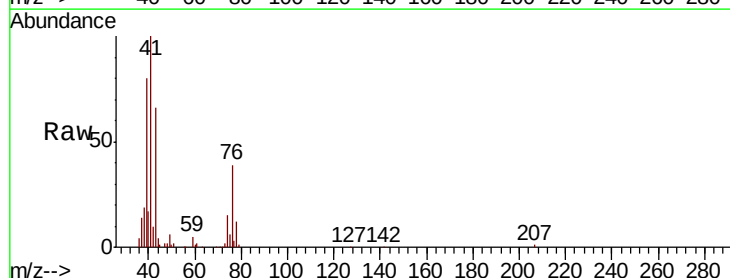
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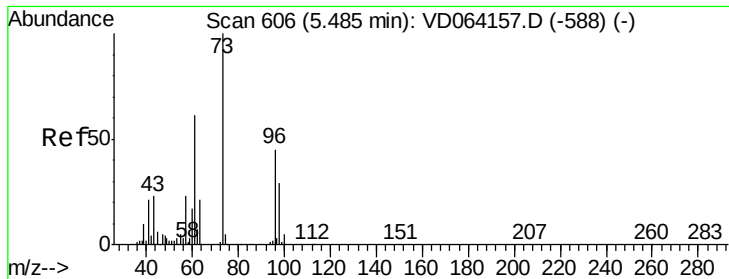
MMDadoda
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#18
Methyl Acetate
Concen: 54.139 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.4	27.6





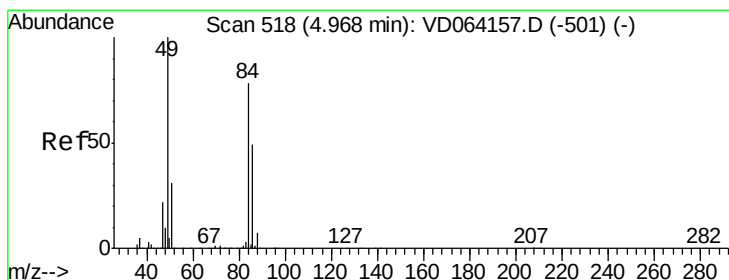
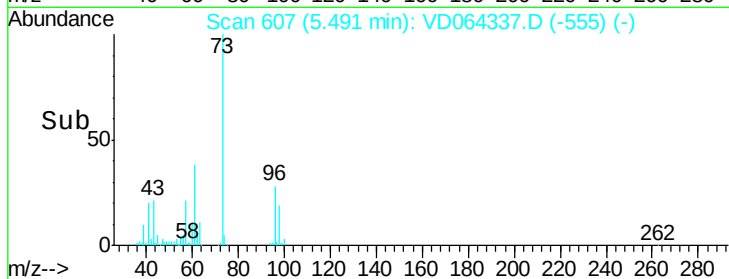
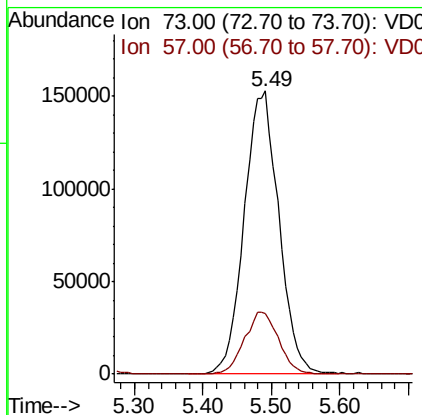
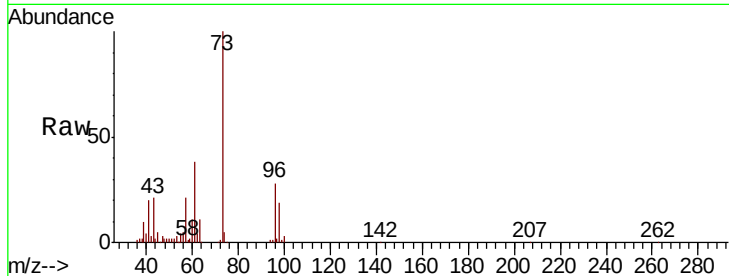
#19
Methyl tert-butyl Ether
Concen: 52.838 ug/l
RT: 5.49 min Scan# 607
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	18.4	27.6

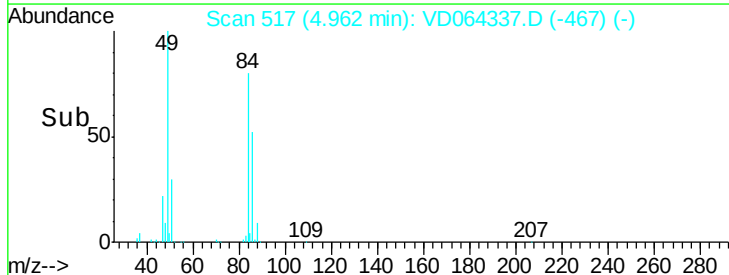
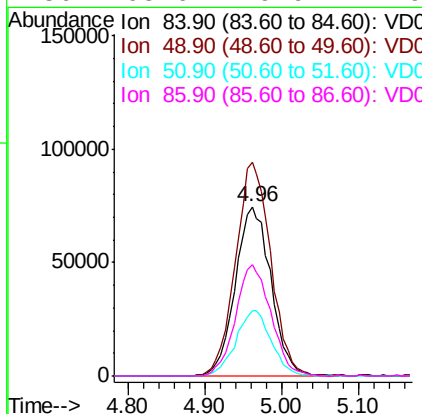
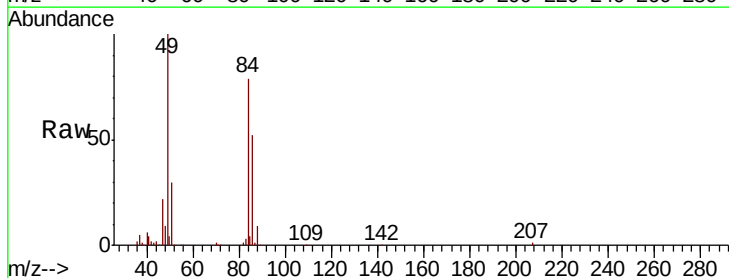
Manual Integrations
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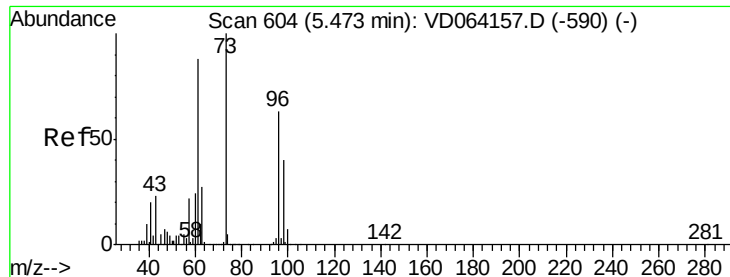
MMDadoda
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#20
Methylene Chloride
Concen: 48.490 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	102.1	153.1
51	38.3	32.2	48.2
86	65.6	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 50.036 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 241578

Ion Ratio Lower Upper

96 100

61 122.5 111.8 167.6

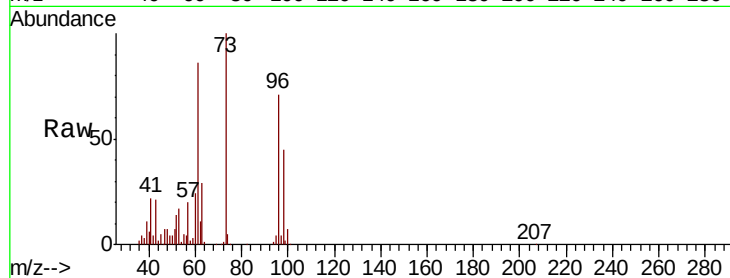
98 63.2 50.3 75.5

Manual Integrations

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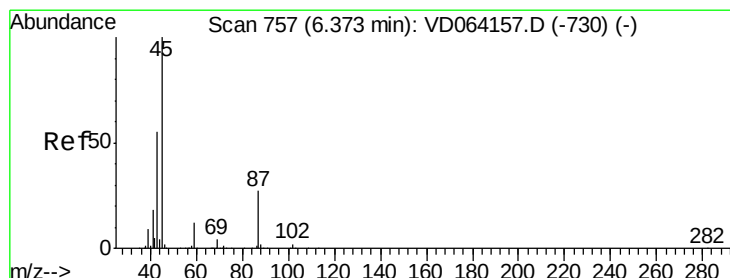
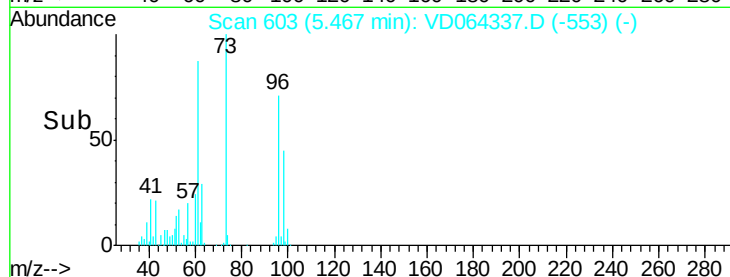
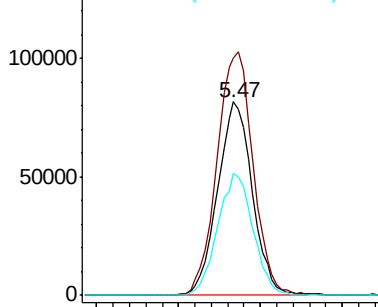
11/23/2019 6:11:36 AM



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.521 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion: 45 Resp: 706286

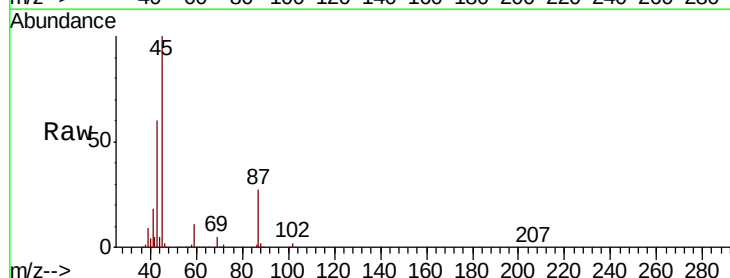
Ion Ratio Lower Upper

45 100

43 59.5 44.4 66.6

87 27.2 21.9 32.9

59 11.3 9.4 14.2

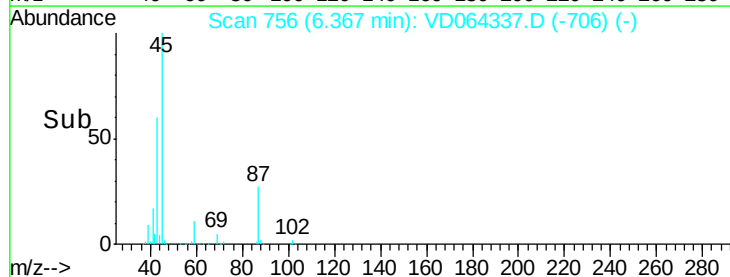
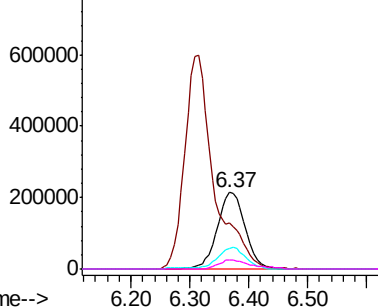


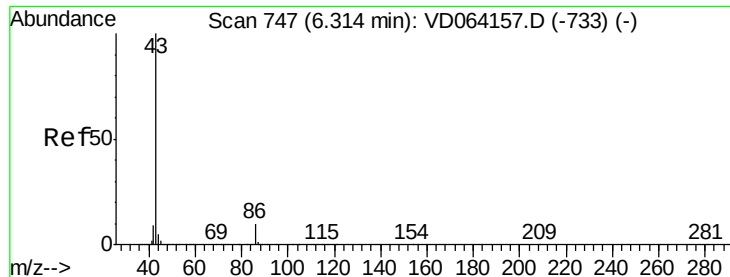
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 264.209 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2058919

Ion Ratio Lower Upper

43 100

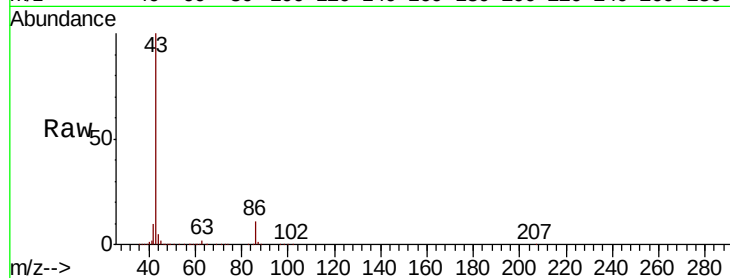
86 11.2 8.2 12.2

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

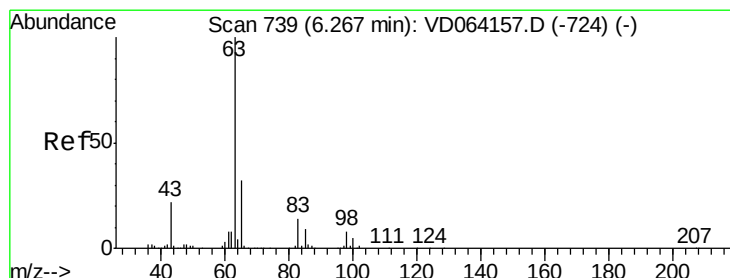
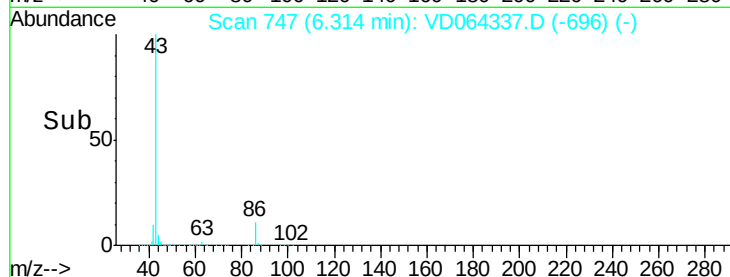
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.164 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

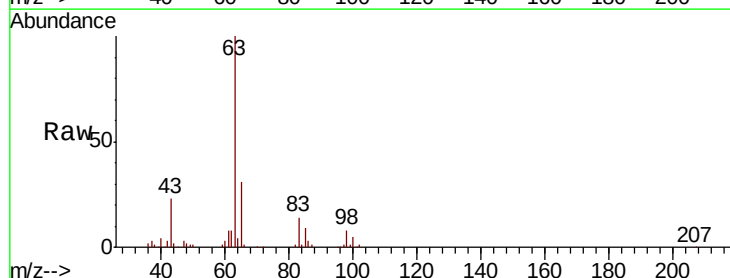
Tgt Ion: 63 Resp: 415310

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

100 5.0 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

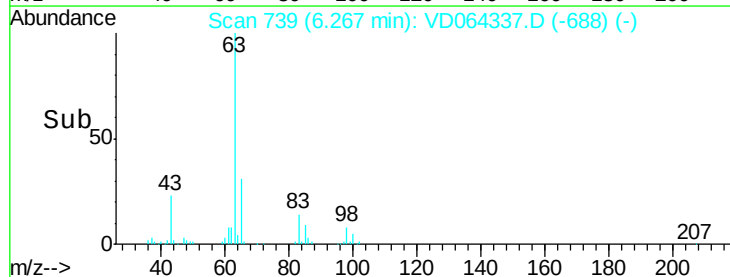
150000

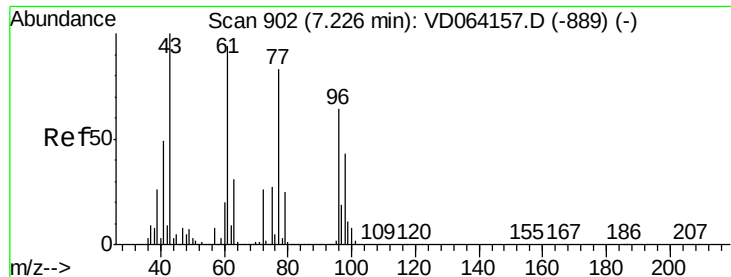
100000

50000

0

Time-->





#25

2-Butanone

Concen: 243.757 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 311177

Ion Ratio Lower Upper

43 100

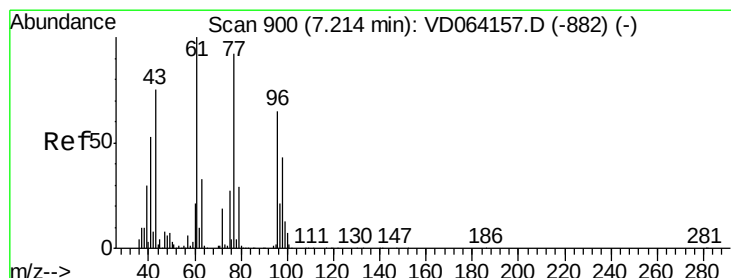
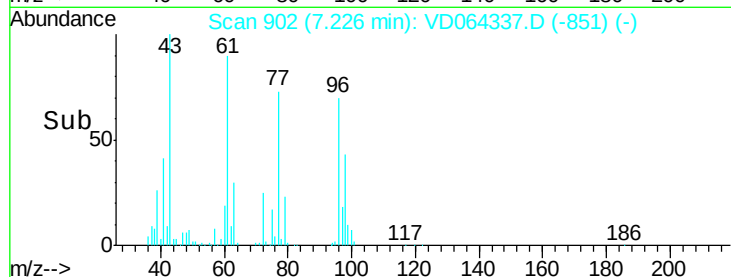
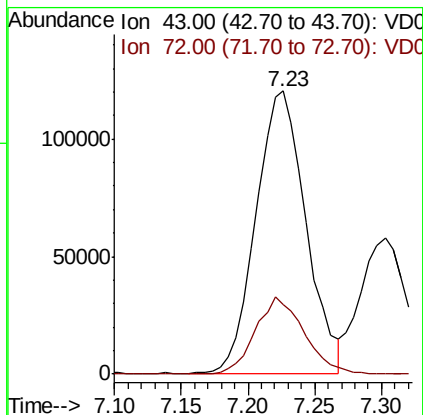
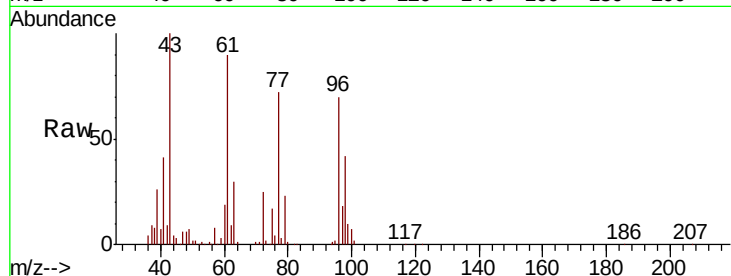
72 24.7 20.6 30.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.228 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064337.D

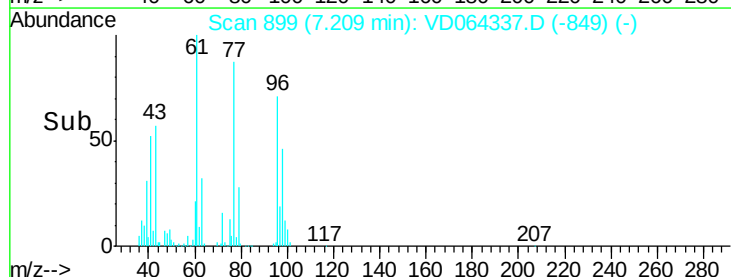
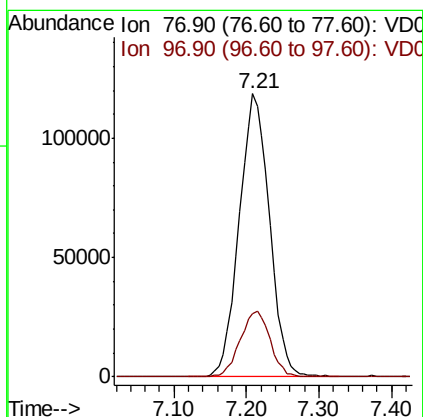
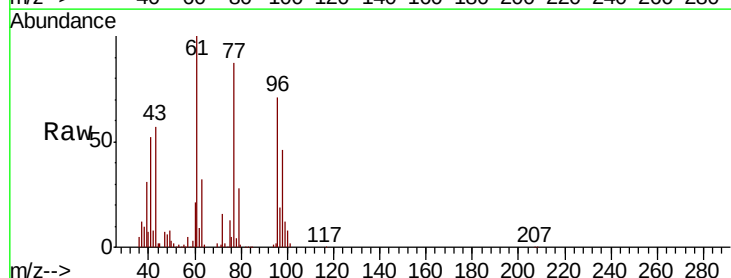
Acq: 21 Nov 2019 21:14

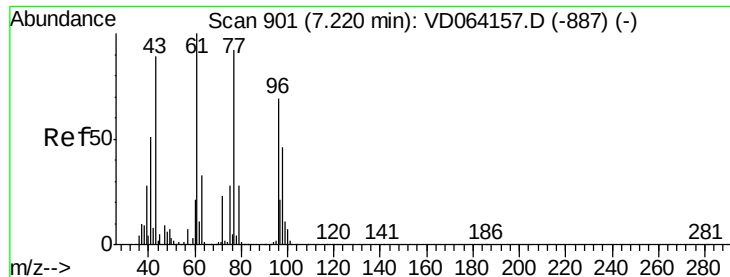
Tgt Ion: 77 Resp: 344109

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.3





#27

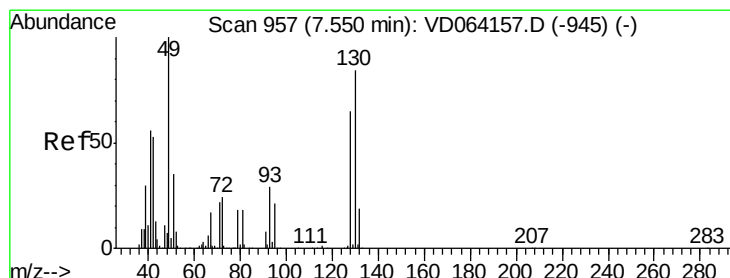
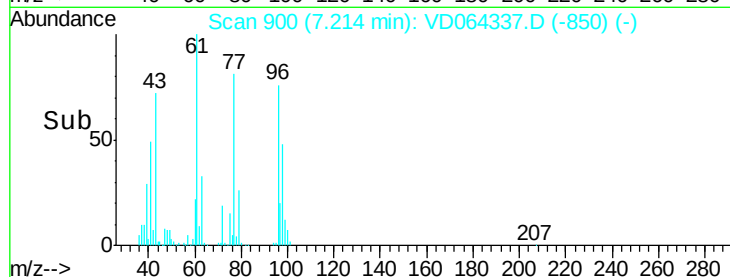
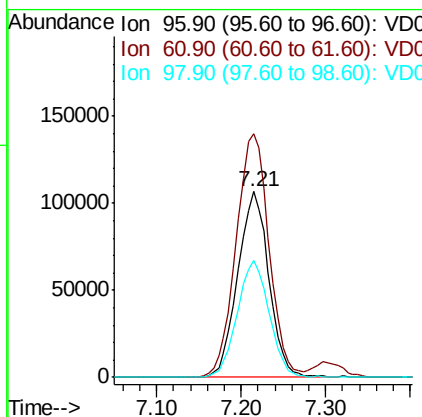
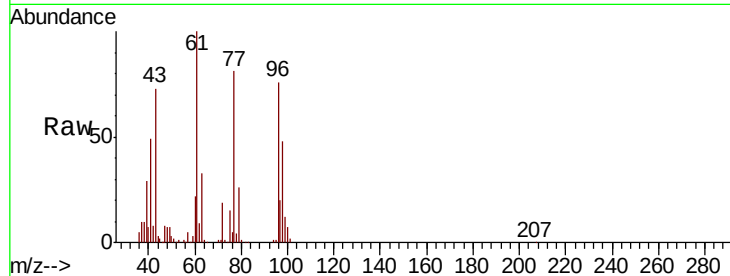
cis-1,2-Dichloroethene
 Concen: 52.750 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	273116		
61	138.4		0.0	301.4
98	64.2		0.0	133.2

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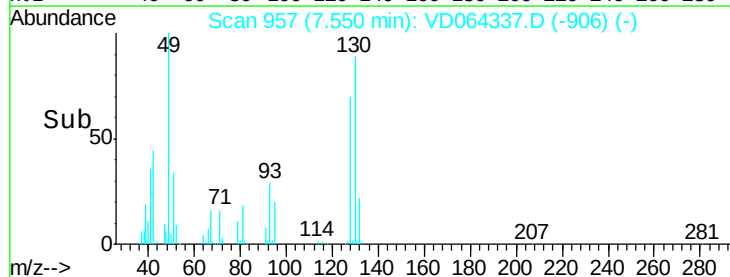
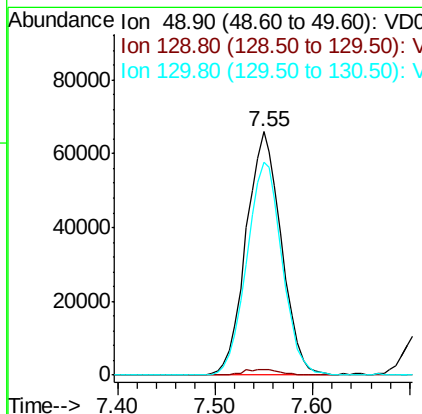
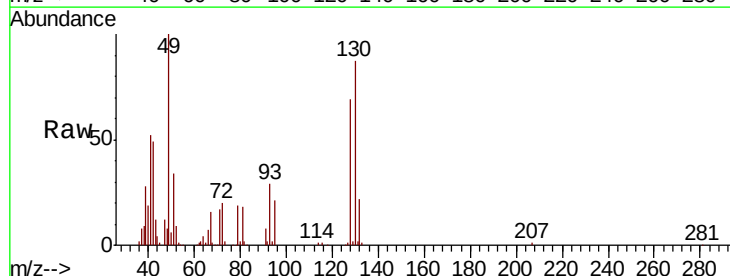
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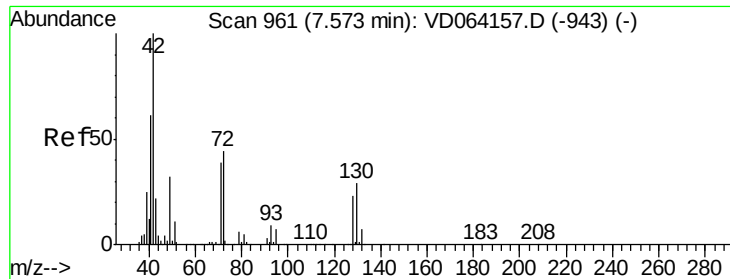


#28

Bromochloromethane
 Concen: 58.998 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	166729		
129	2.3		0.0	4.4
130	87.9		66.8	100.2





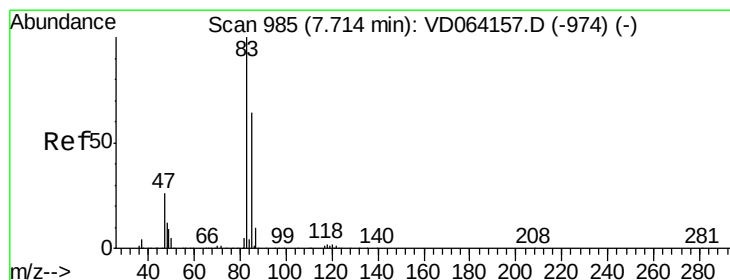
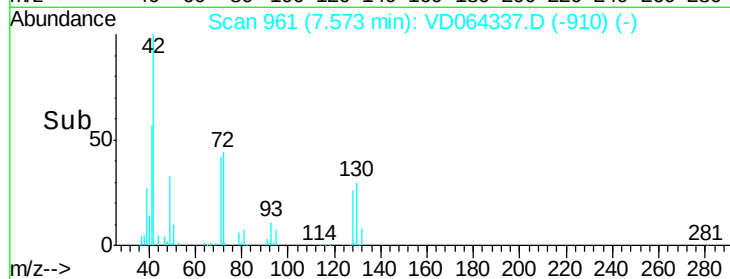
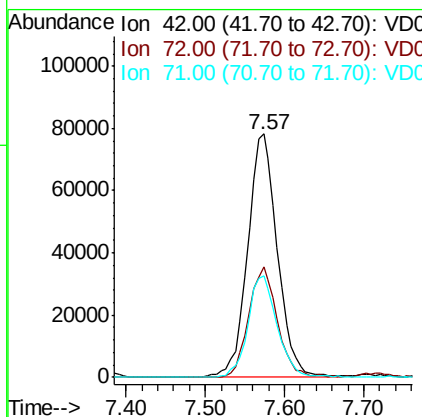
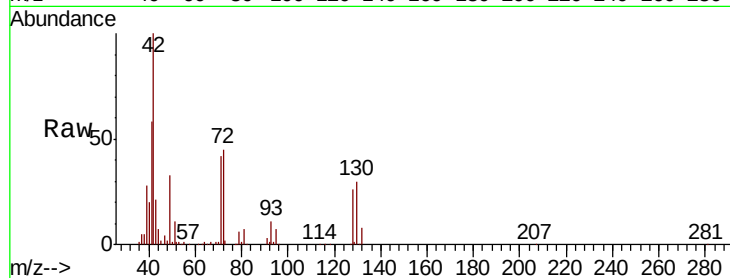
#29
Tetrahydrofuran
Concen: 266.954 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	33.4	50.2
71	41.0	31.0	46.4

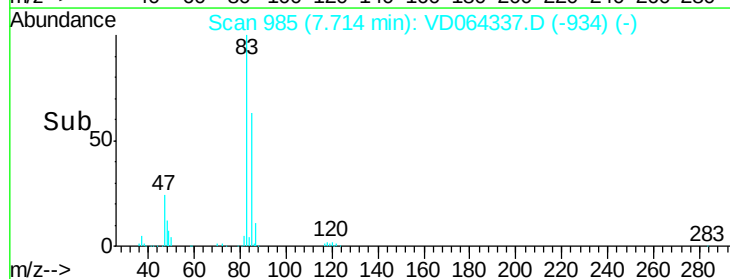
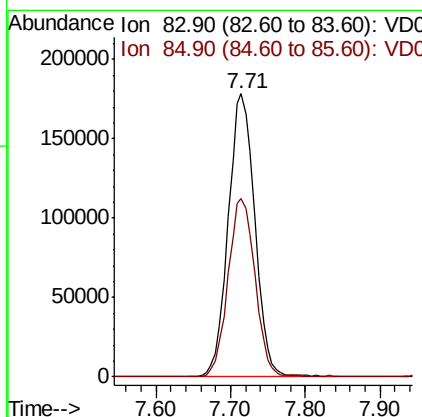
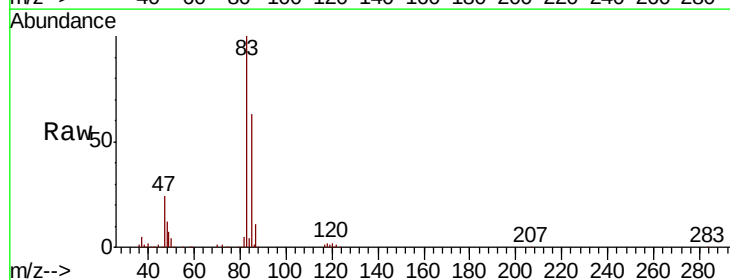
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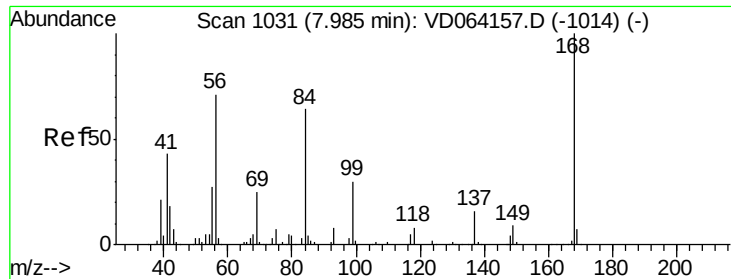
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#30
Chloroform
Concen: 53.303 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0





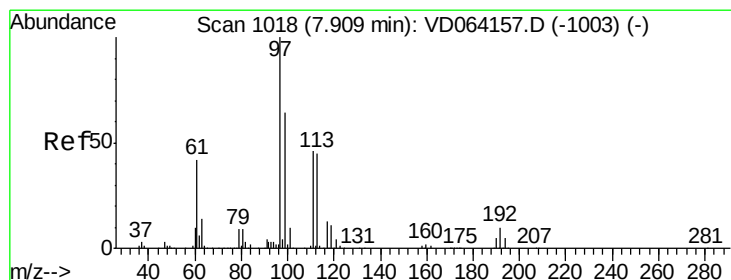
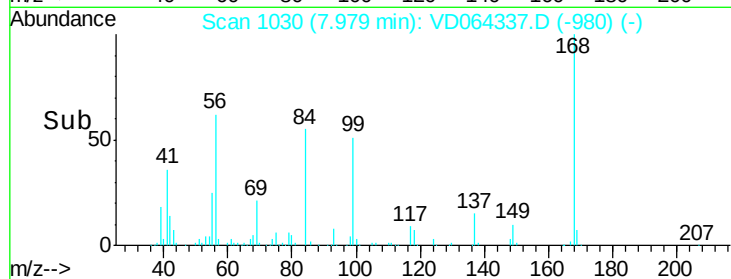
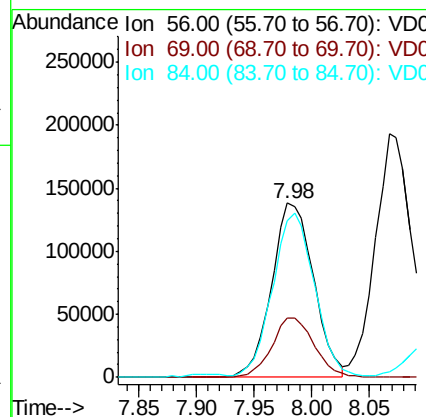
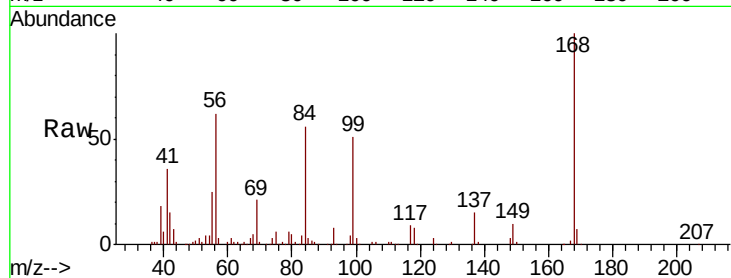
#31
Cyclohexane
Concen: 42.662 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	28.2	42.4
84	88.2	71.8	107.6

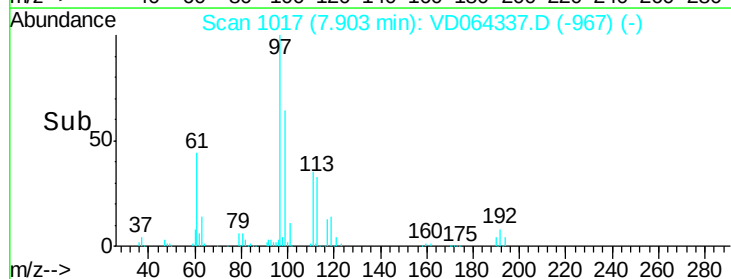
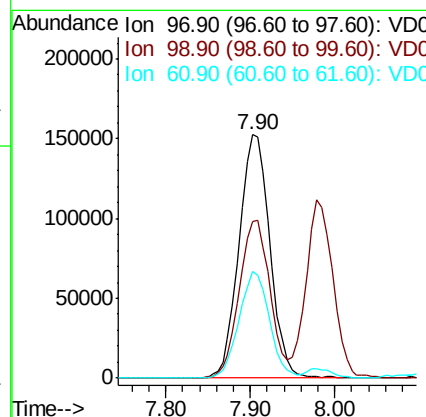
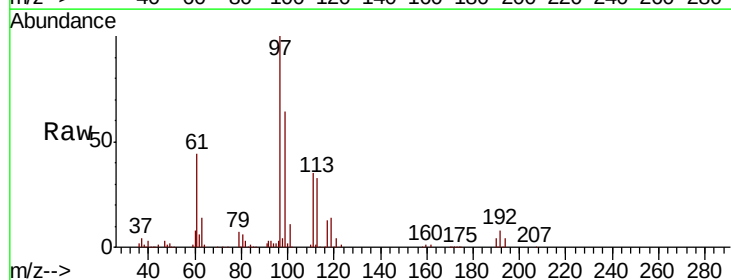
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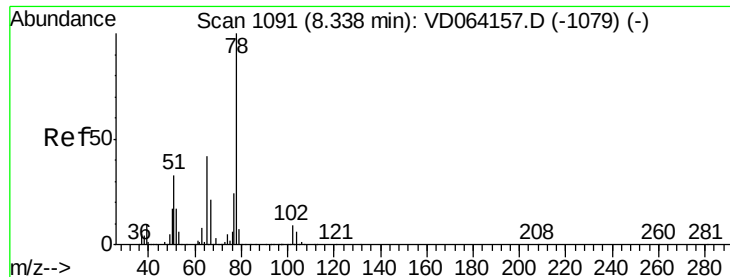
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#32
1,1,1-Trichloroethane
Concen: 48.555 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	42.9	34.2	51.2





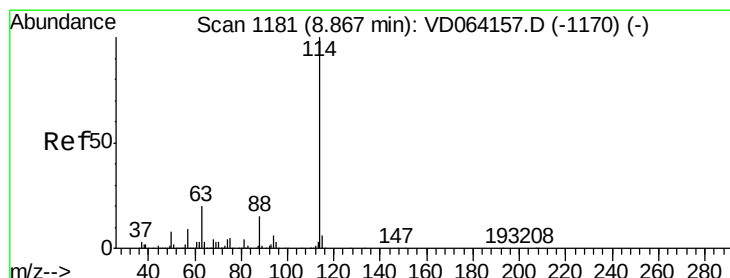
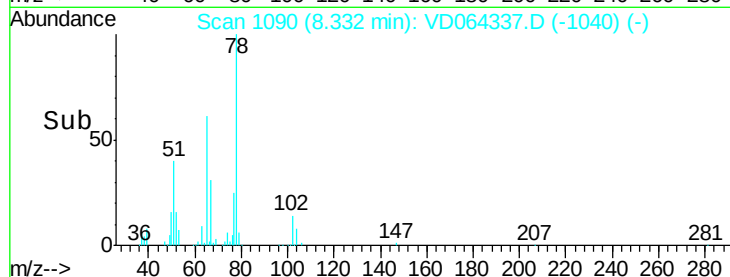
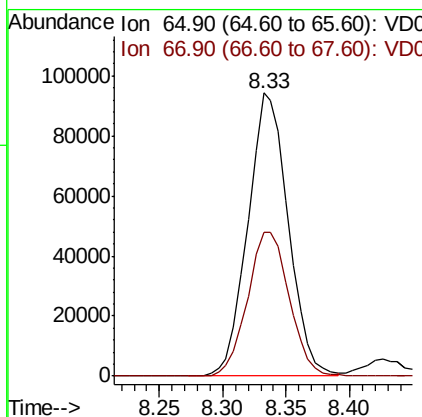
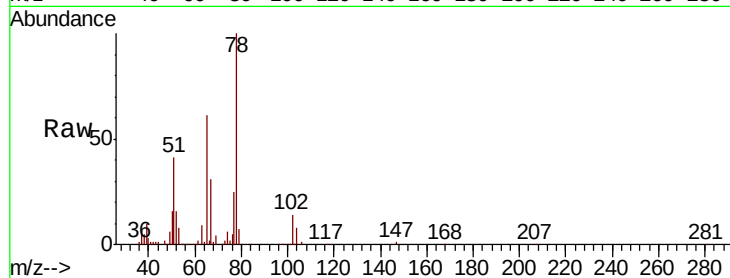
#33
 1,2-Dichloroethane-d4
 Concen: 50.045 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.4

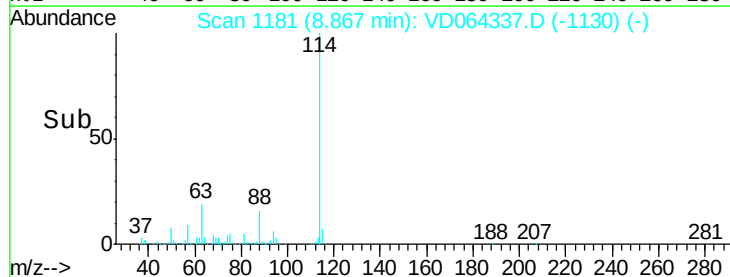
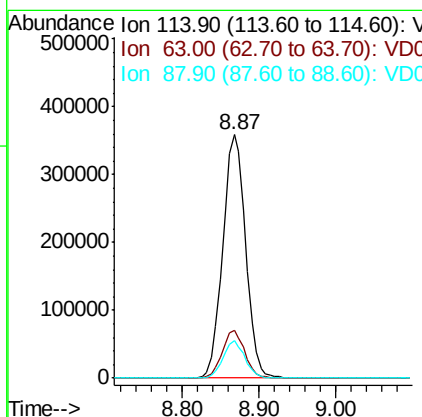
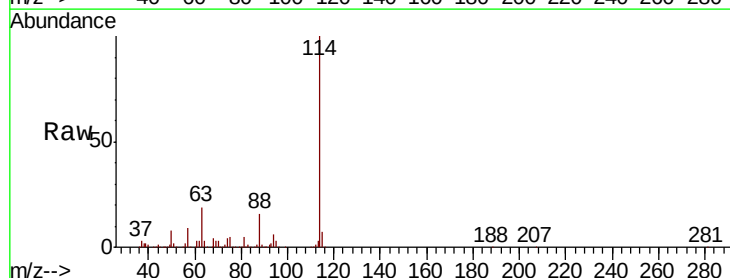
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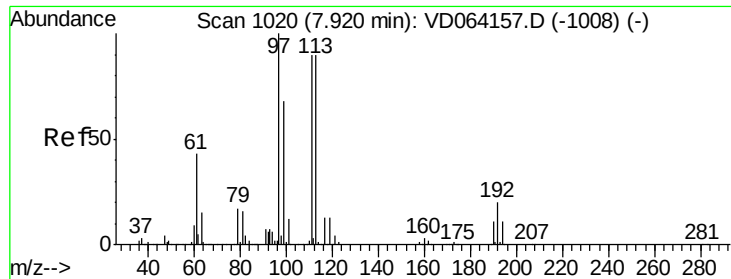
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	15.5	0.0	30.2





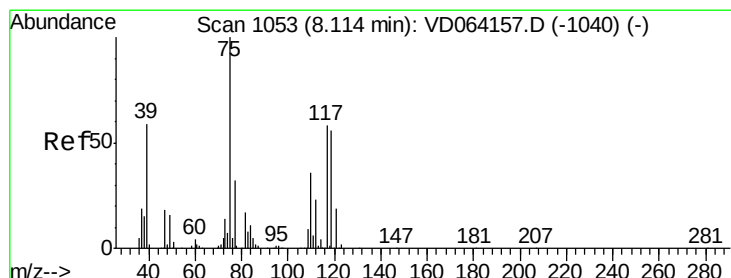
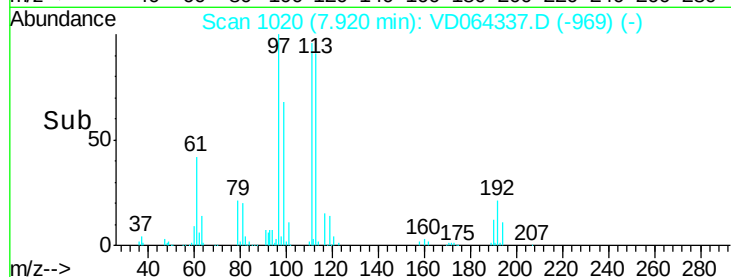
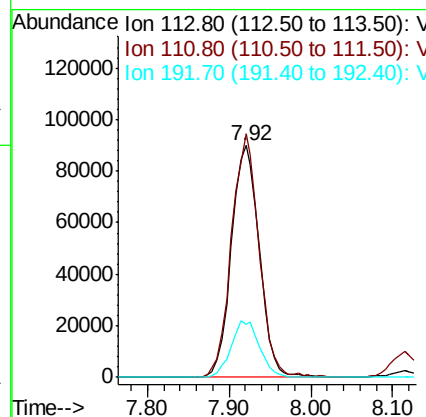
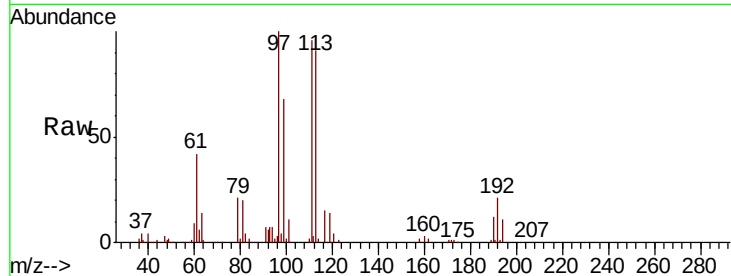
#35
 Dibromofluoromethane
 Concen: 50.415 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.5	122.3
192	24.8	18.8	28.2

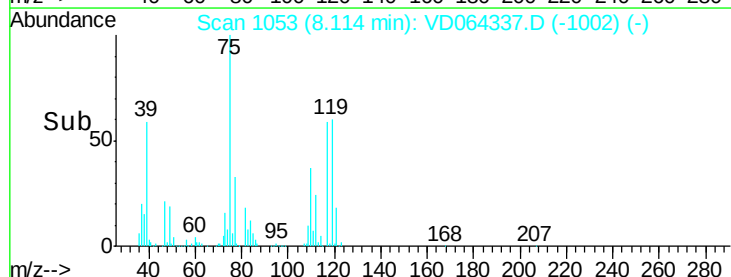
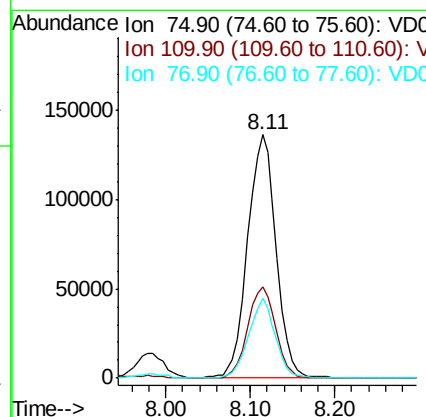
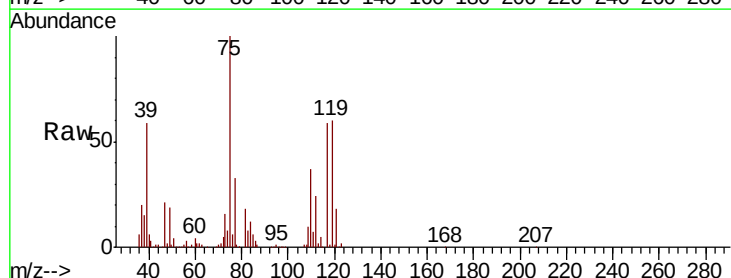
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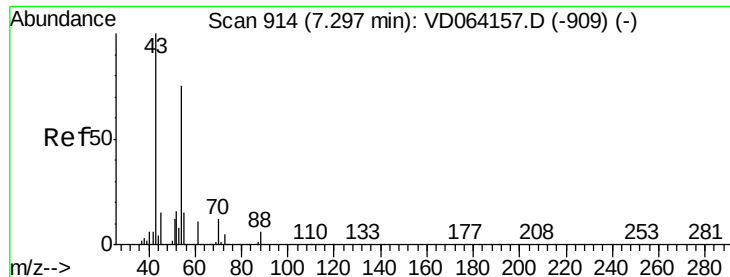
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#36
 1,1-Dichloropropene
 Concen: 46.792 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	30.8	25.0	37.6





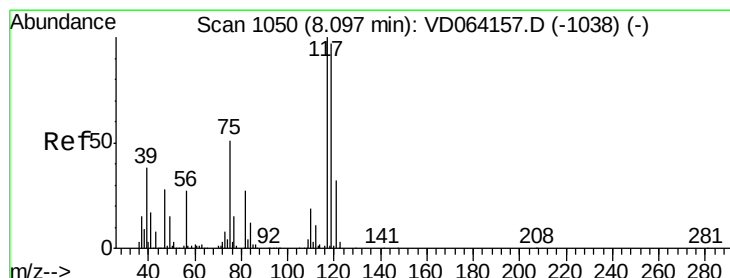
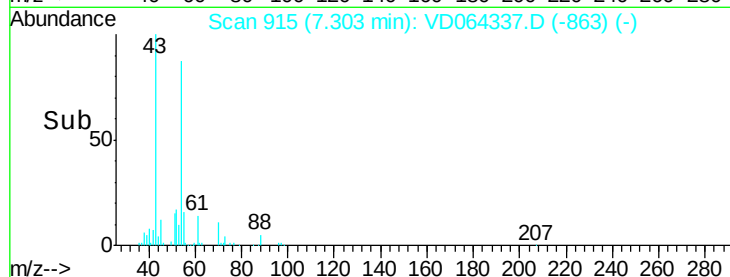
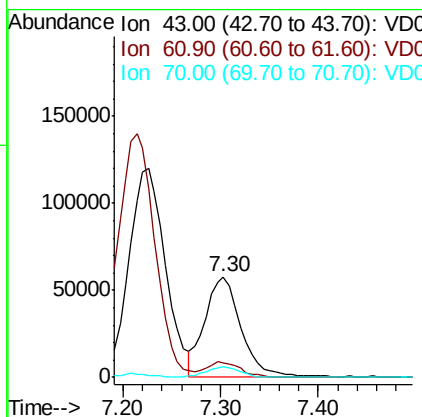
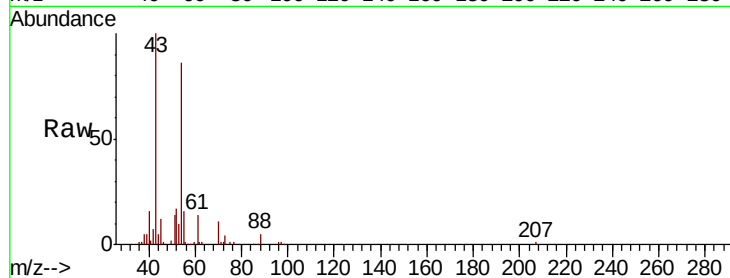
#37
Ethyl Acetate
Concen: 50.578 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.2	15.2
70	10.4	8.5	12.7

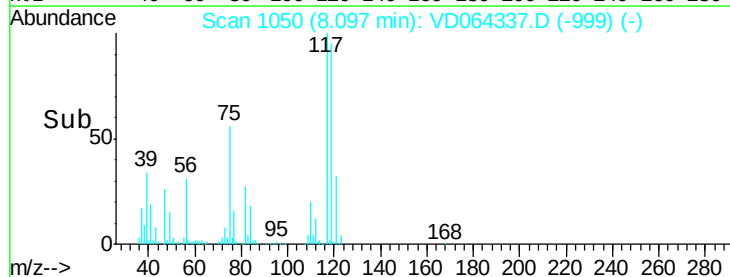
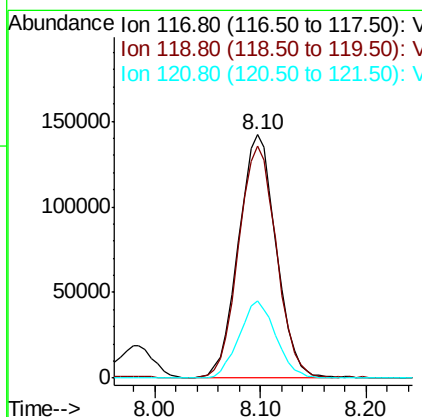
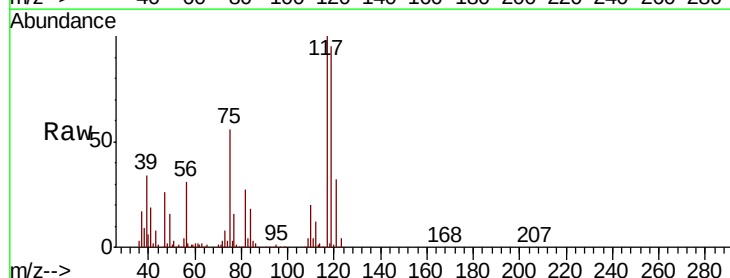
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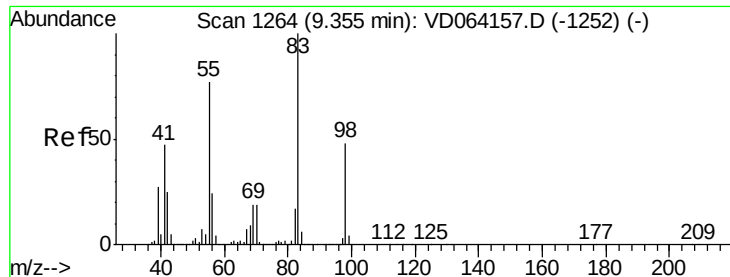
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#38
Carbon Tetrachloride
Concen: 47.753 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.2	115.8
121	31.7	25.5	38.3





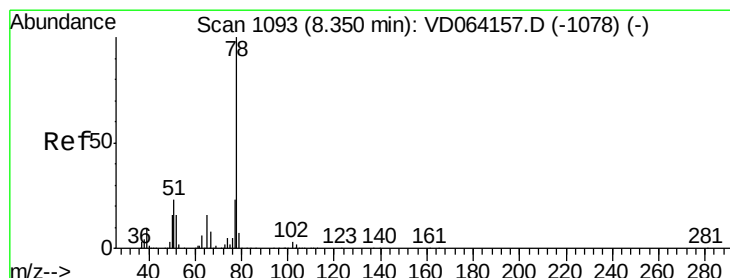
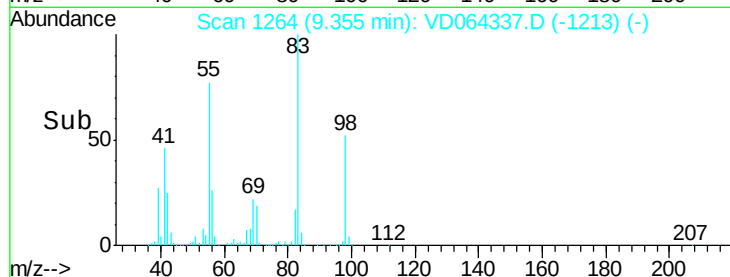
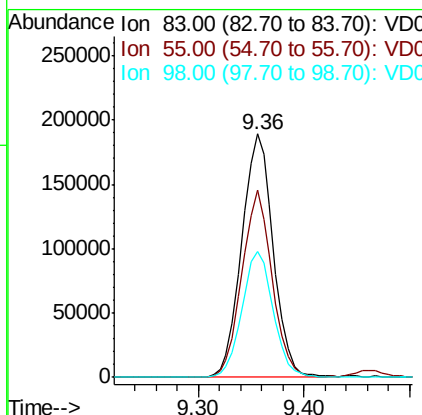
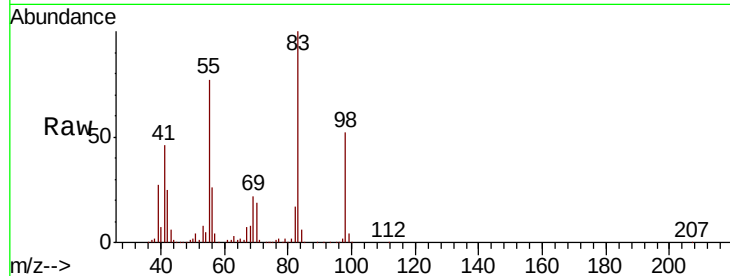
#39
Methylvlcyclohexane
Concen: 45.343 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.7	92.5
98	51.6	38.6	58.0

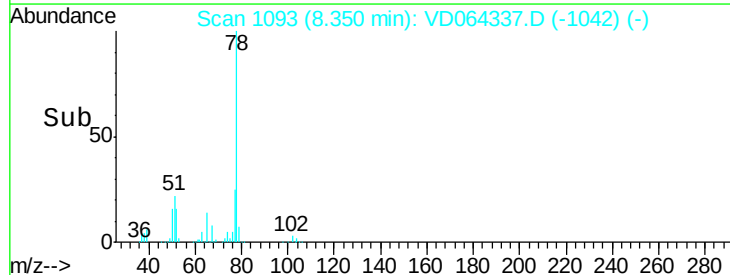
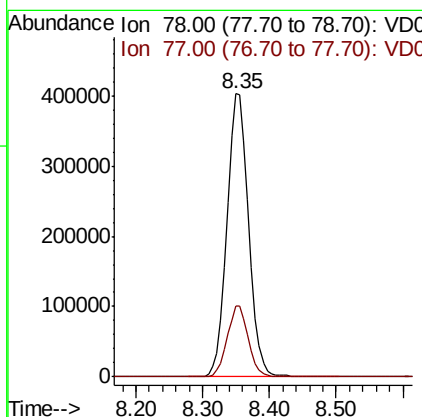
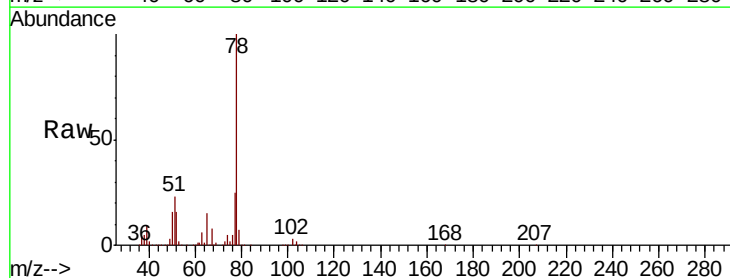
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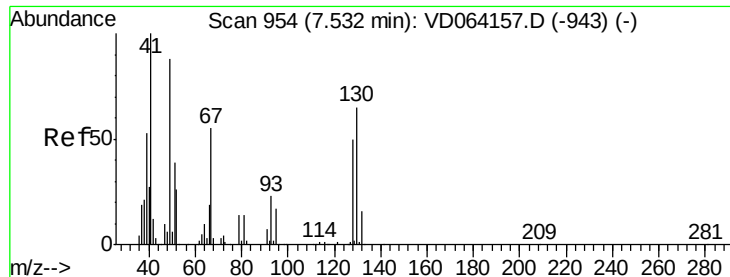
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#40
Benzene
Concen: 49.345 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.6	28.0





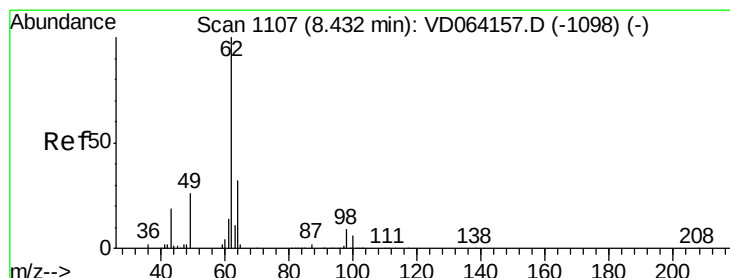
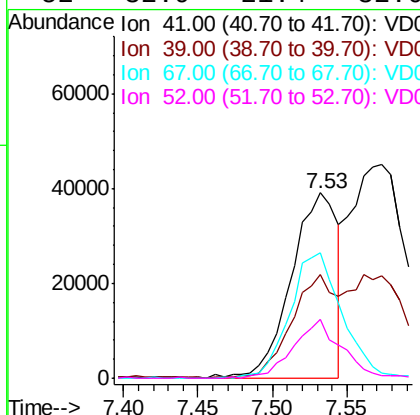
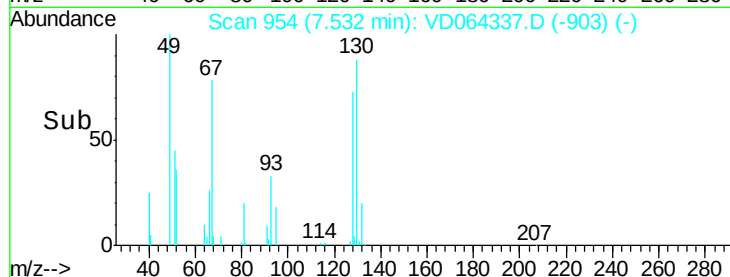
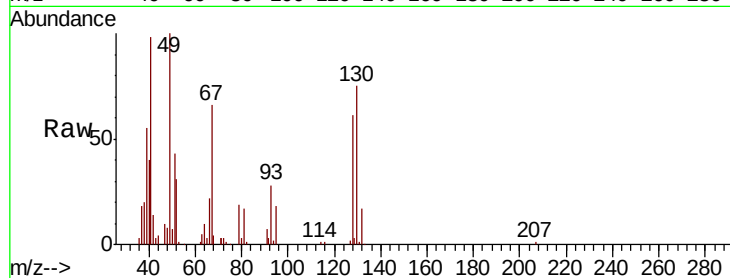
#41
Methacrylonitrile
Concen: 46.563 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	49.4	74.2
67	76.4	49.6	74.4#
52	32.9	21.4	32.0#

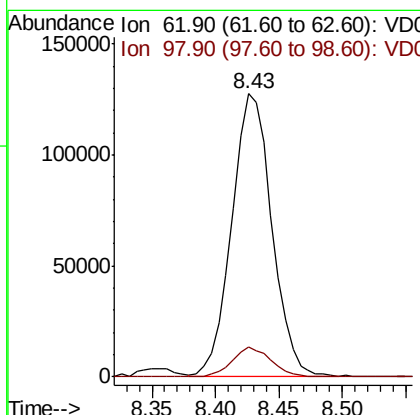
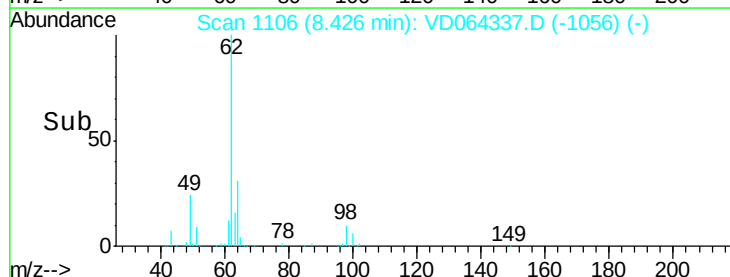
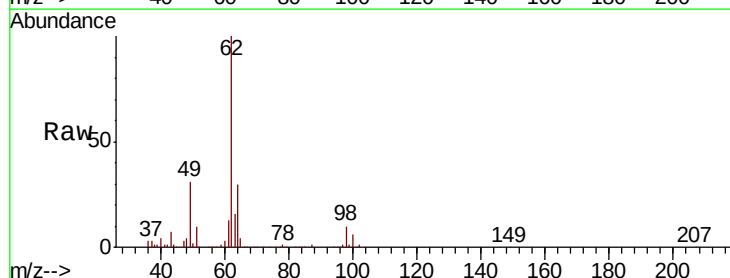
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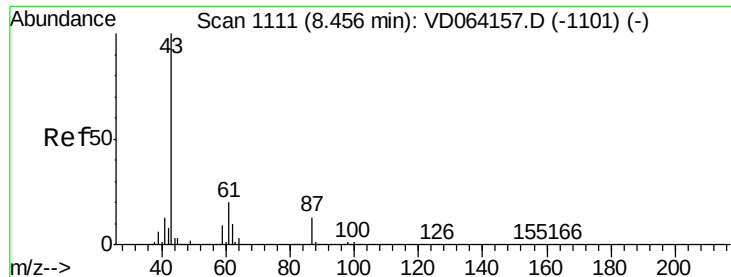
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#42
1,2-Dichloroethane
Concen: 49.706 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.0





#43

Isopropyl Acetate

Concen: 50.163 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

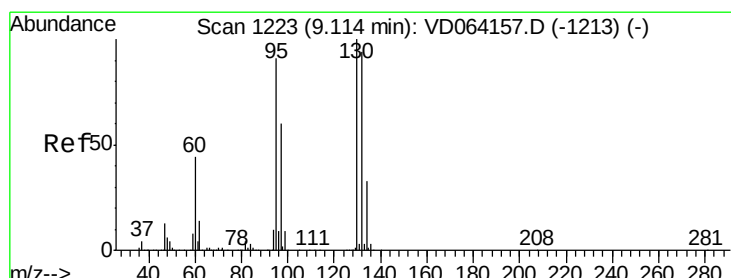
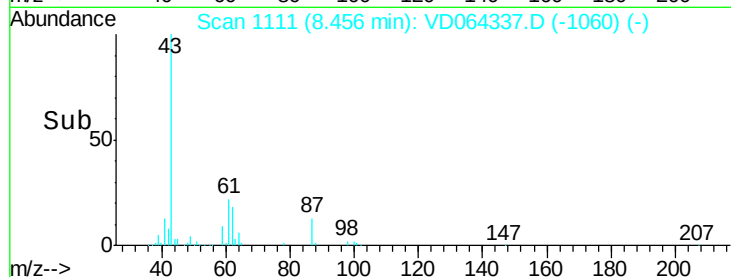
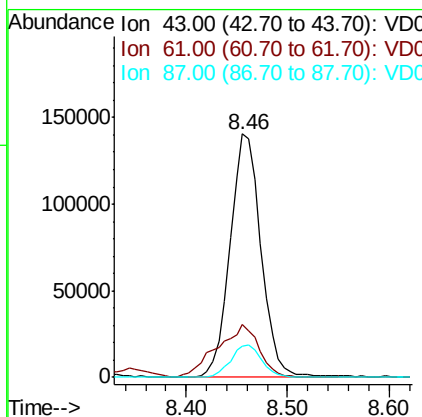
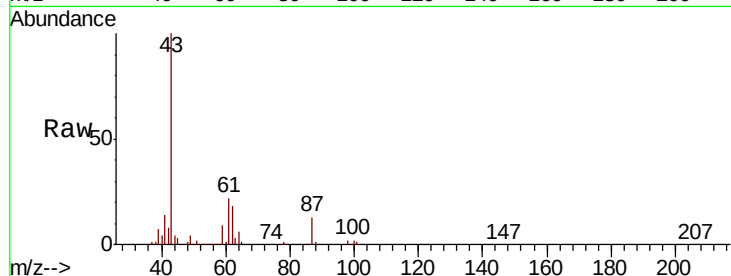
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	297353
Ion	Ratio	Lower	Upper
43	100		
61	29.4	22.9	34.3
87	13.4	10.2	15.2

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#44

Trichloroethene

Concen: 50.502 ug/l

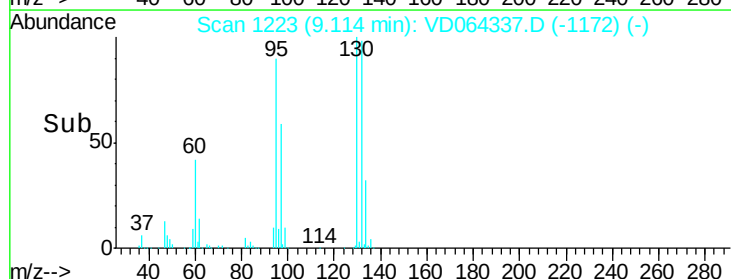
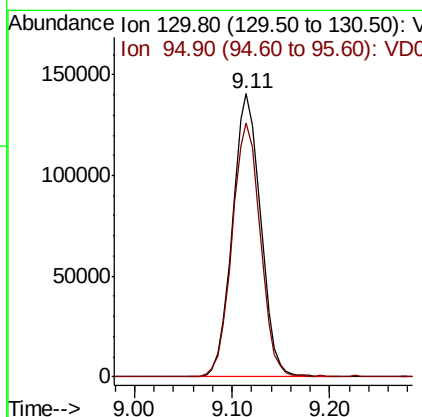
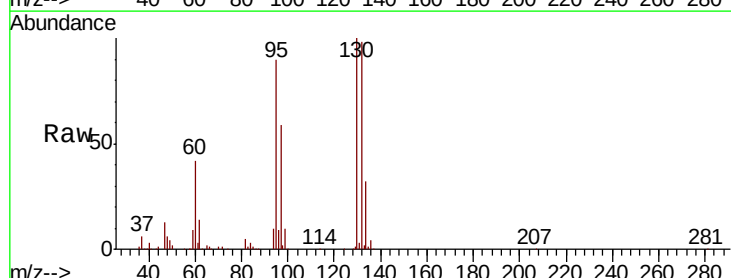
RT: 9.11 min Scan# 1223

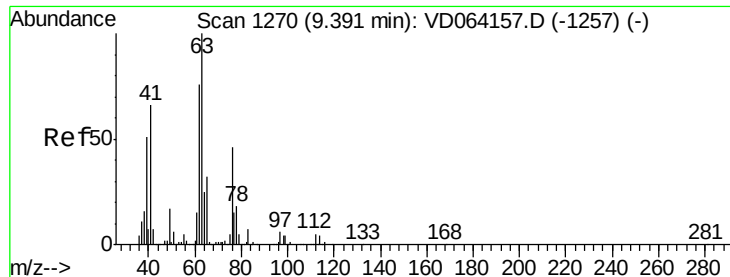
Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	130	Resp:	282699
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	181.6





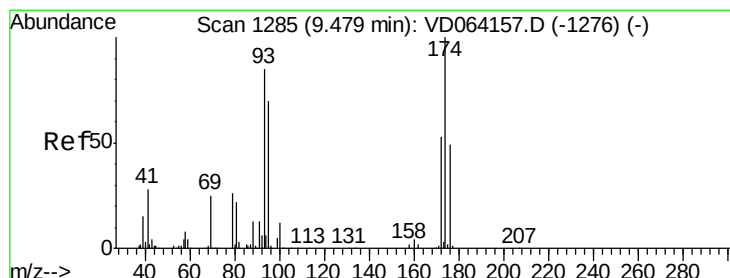
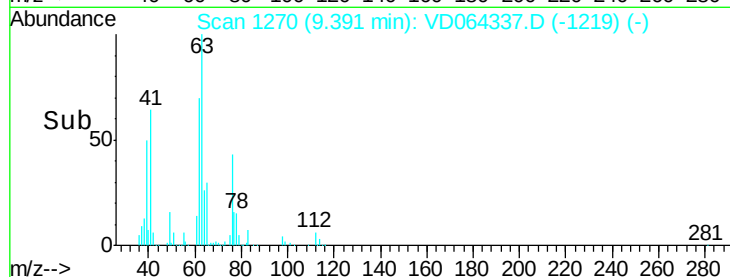
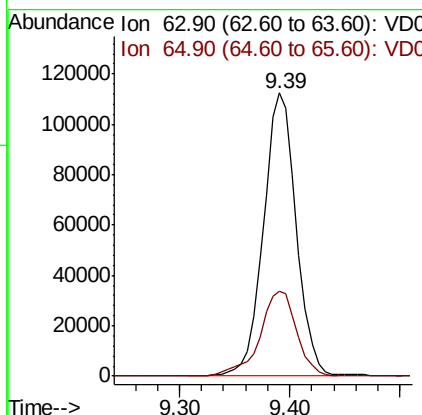
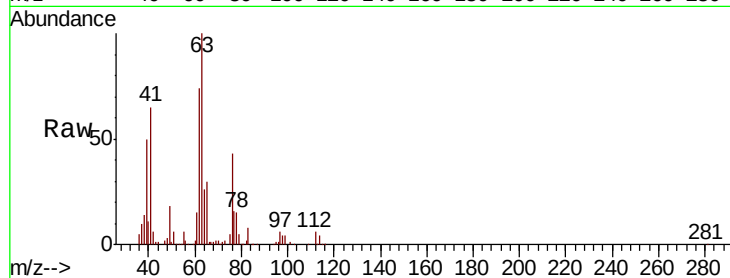
#45
 1,2-Dichloropropane
 Concen: 51.228 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.7	38.5

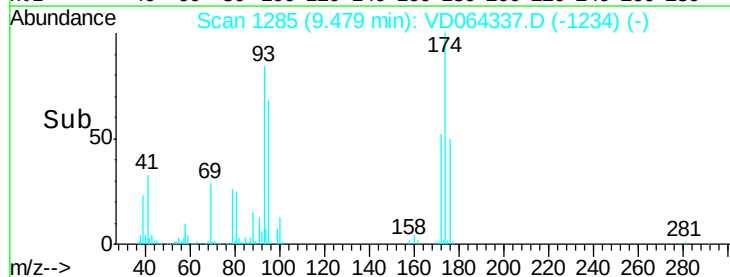
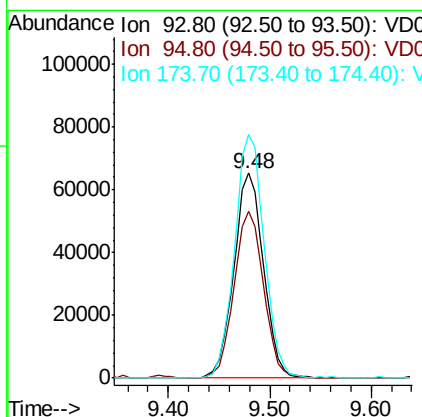
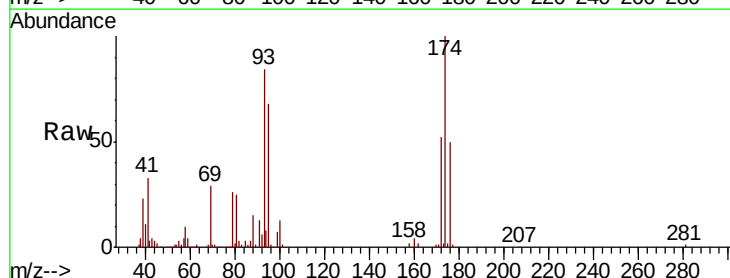
Manual Integrations
 APPROVED

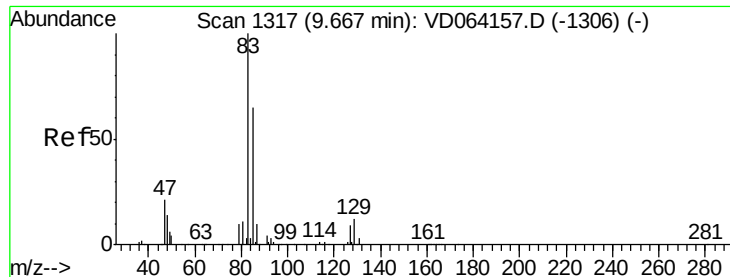
MMDadoda
 11/23/2019 6:11:36 AM



#46
 Dibromomethane
 Concen: 54.469 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.5	98.3
174	118.9	93.9	140.9





#47

Bromodichloromethane

Concen: 52.334 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

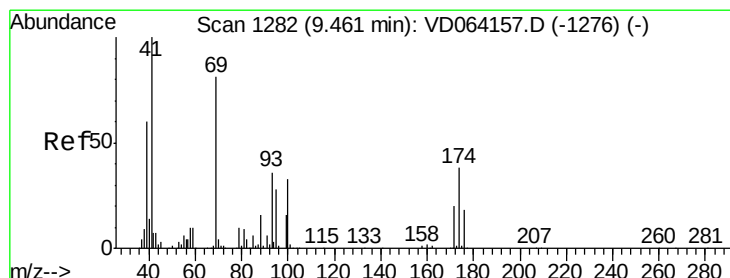
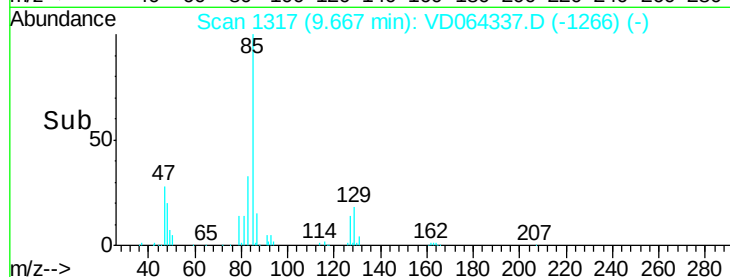
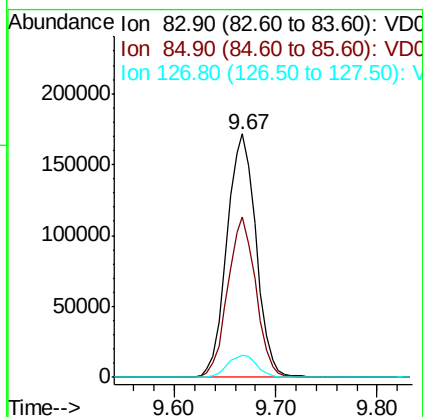
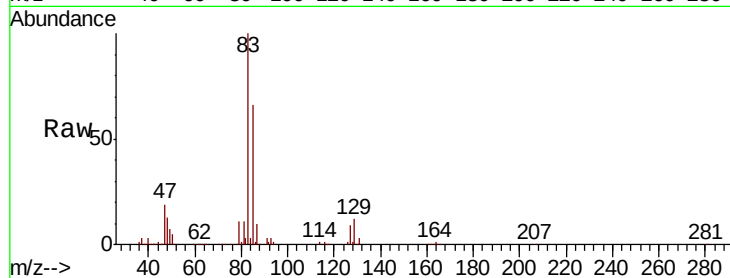
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	342595
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4
127	9.3	7.5	11.3

Manual Integrations
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11/23/2019 6:11:36 AM



#48

Methyl methacrylate

Concen: 47.520 ug/l

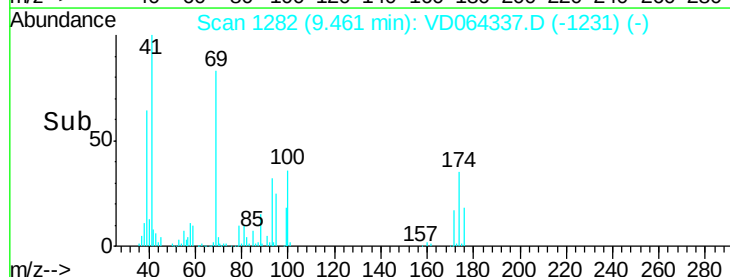
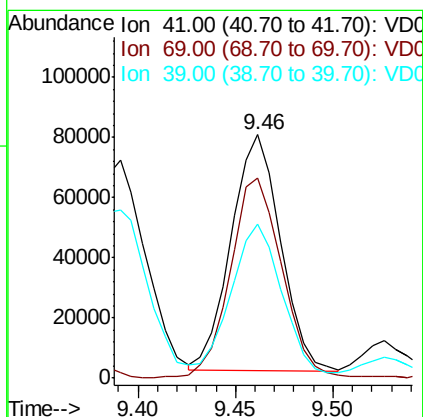
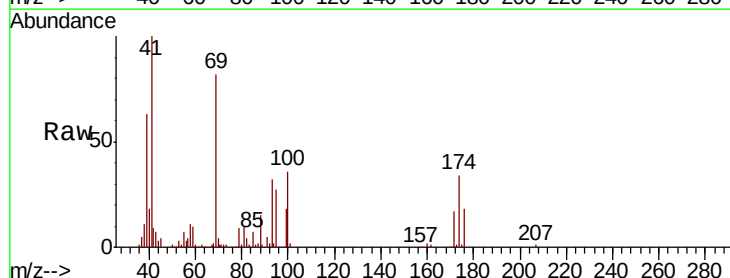
RT: 9.46 min Scan# 1282

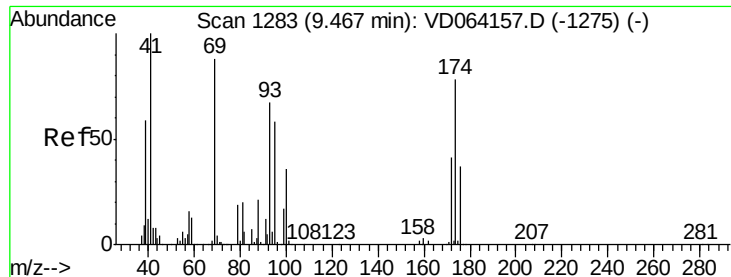
Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	41	Resp:	137738
Ion	Ratio	Lower	Upper
41	100		
69	88.2	64.6	97.0
39	69.4	48.2	72.2





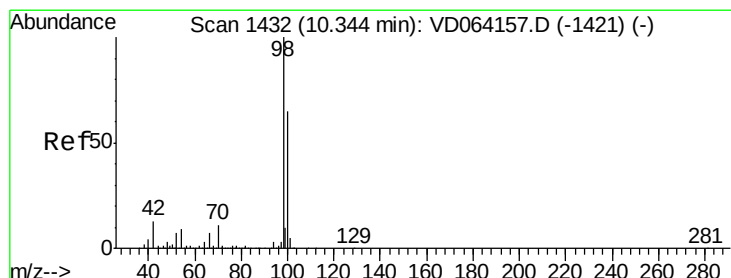
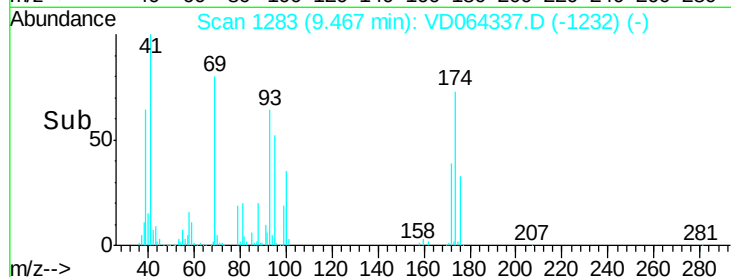
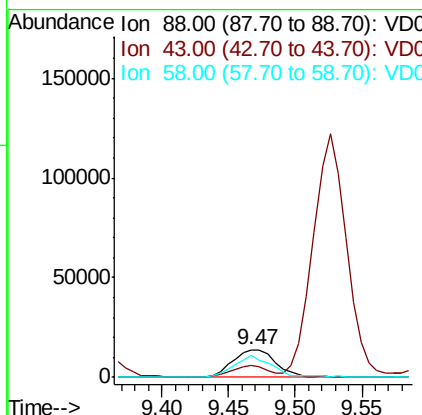
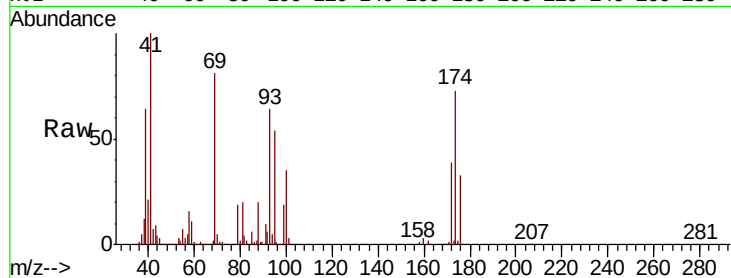
#49
1,4-Dioxane
Concen: 1071.514 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.8	44.8
58	71.5	58.1	87.1

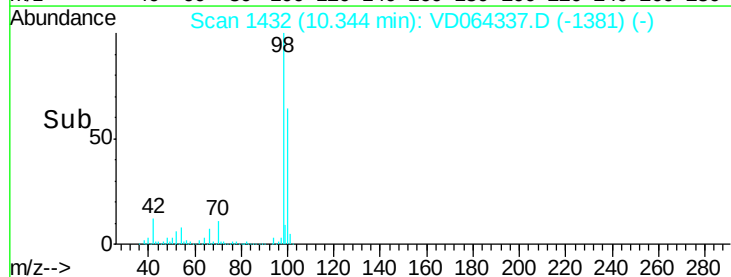
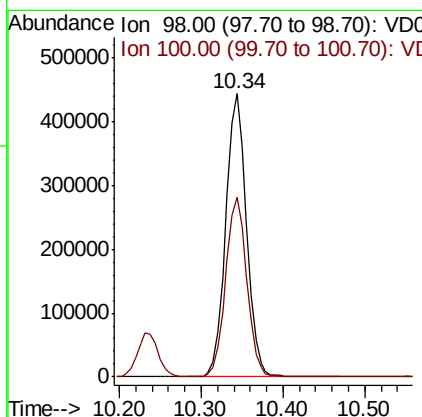
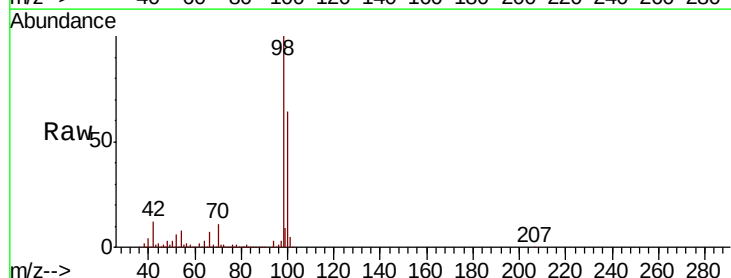
Manual Integrations
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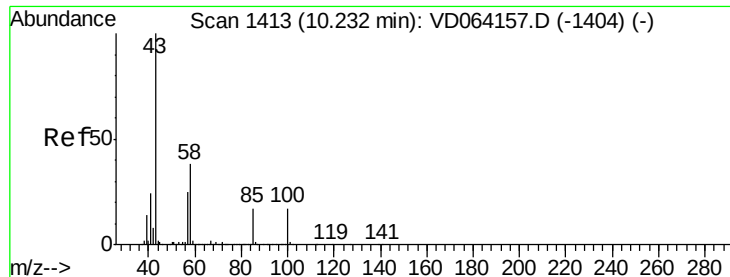
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#50
Toluene-d8
Concen: 49.033 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8





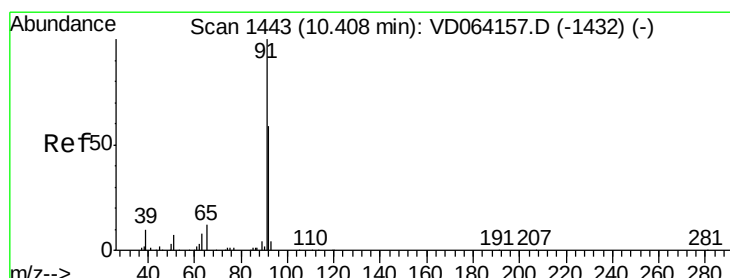
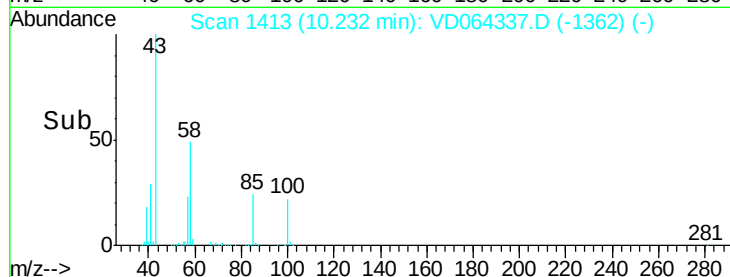
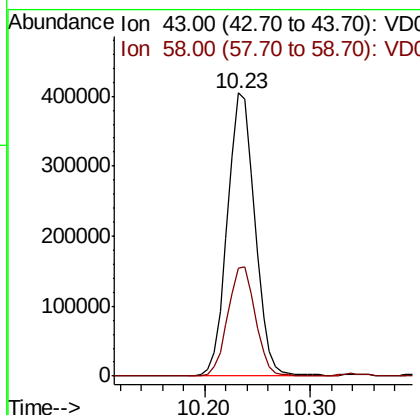
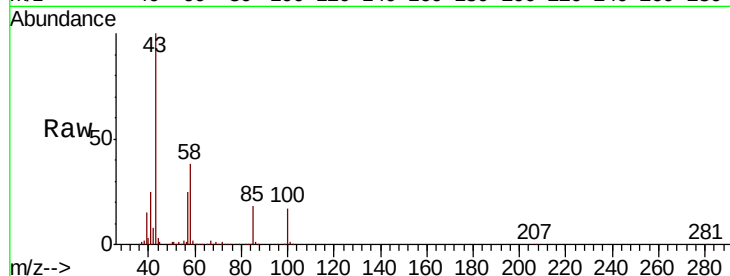
#51
4-Methyl-2-Pentanone
Concen: 256.904 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 730272
Ion Ratio Lower Upper
43 100
58 38.6 30.2 45.4

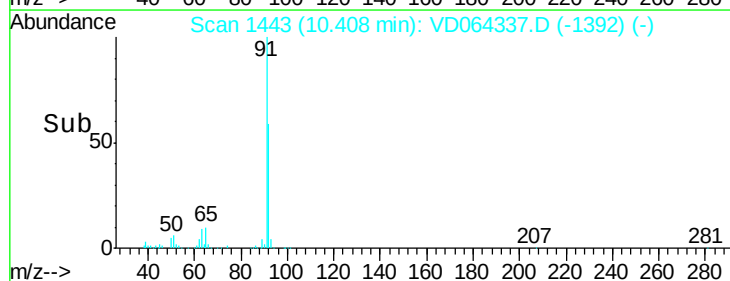
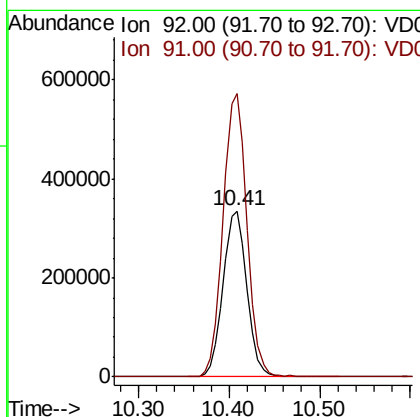
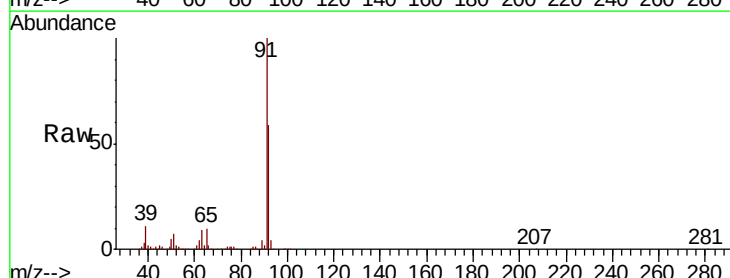
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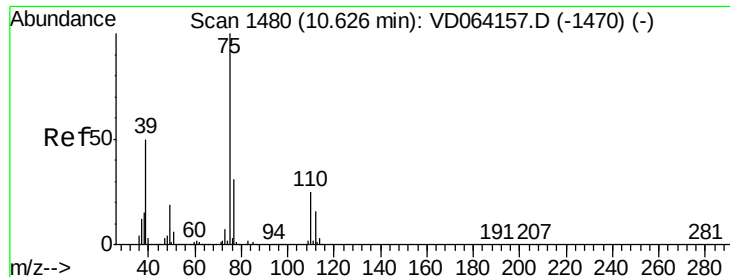
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#52
Toluene
Concen: 49.577 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion: 92 Resp: 608015
Ion Ratio Lower Upper
92 100
91 171.9 136.4 204.6





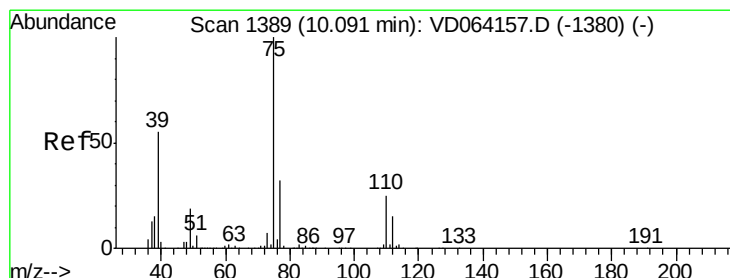
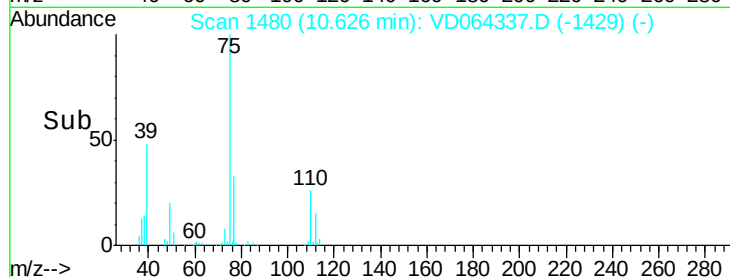
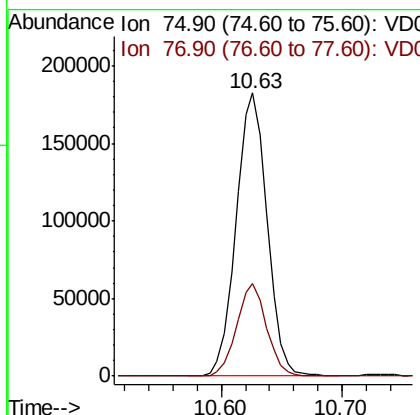
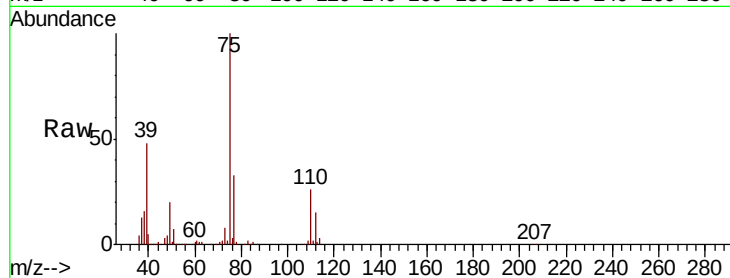
#53
t-1,3-Dichloropropene
Concen: 49.837 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 326845
Ion Ratio Lower Upper
75 100
77 32.7 24.7 37.1

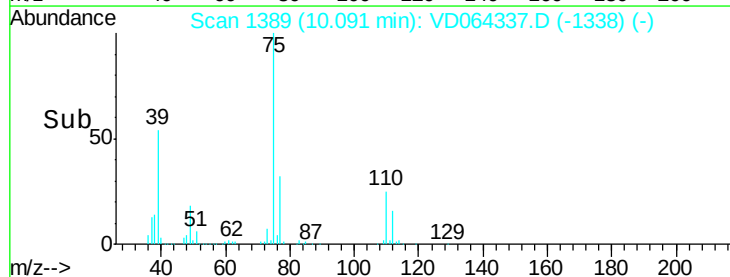
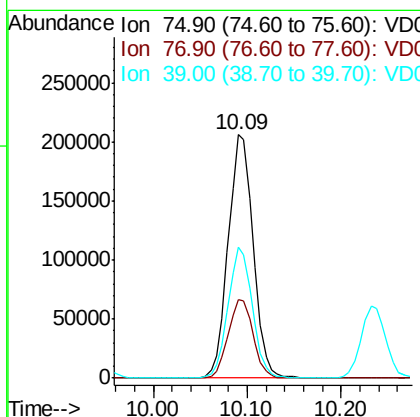
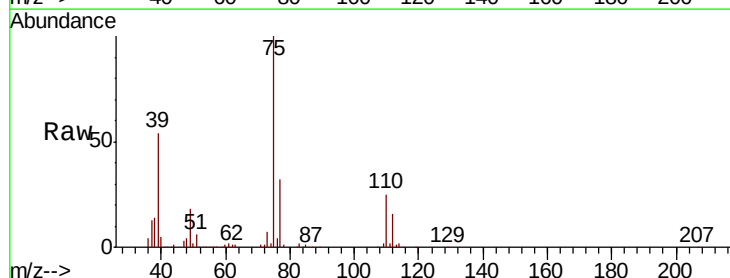
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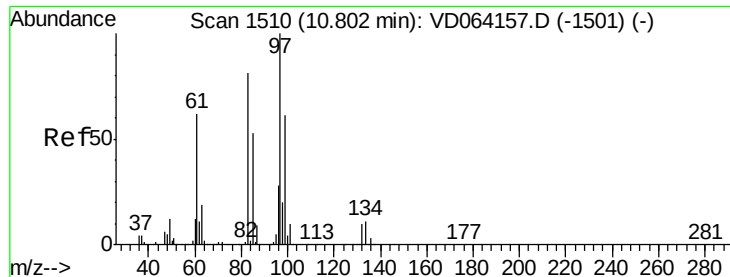
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.803 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion: 75 Resp: 381140
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 53.9 44.2 66.2





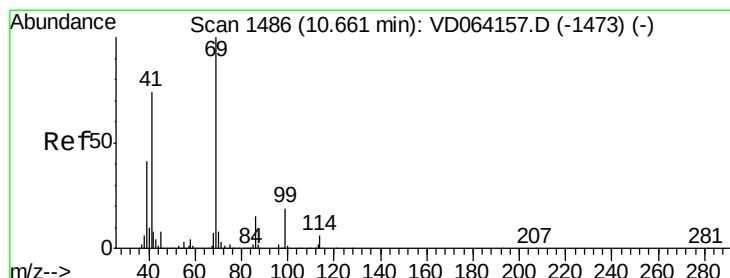
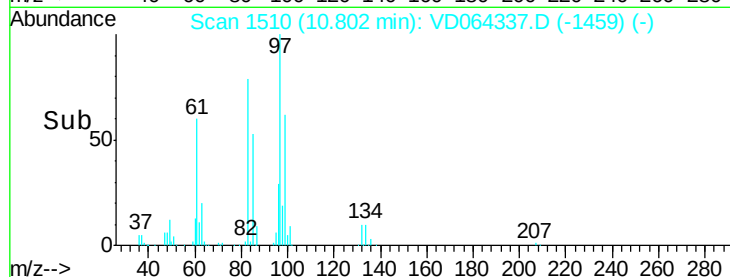
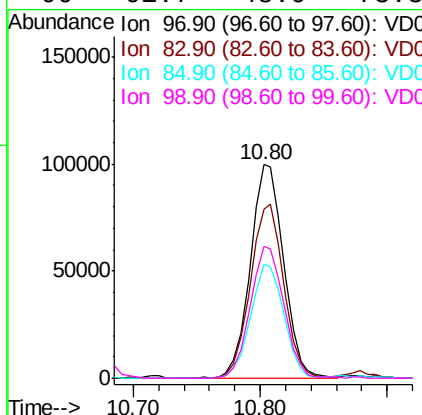
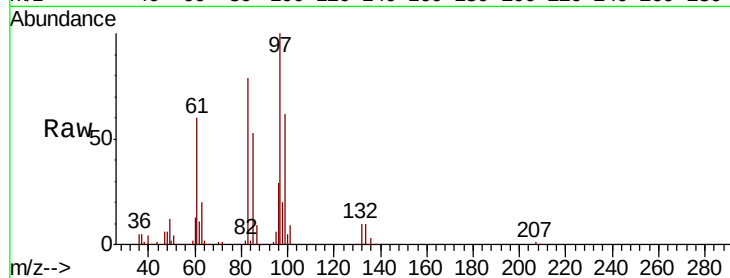
#55
 1,1,2-Trichloroethane
 Concen: 55.428 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		182737		
83	79.1	65.1	97.7		
85	53.5	42.0	63.0		
99	61.7	48.9	73.3		

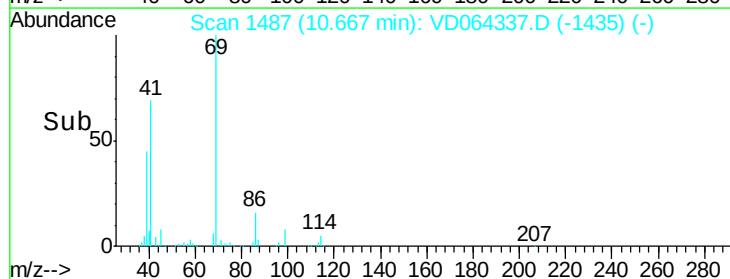
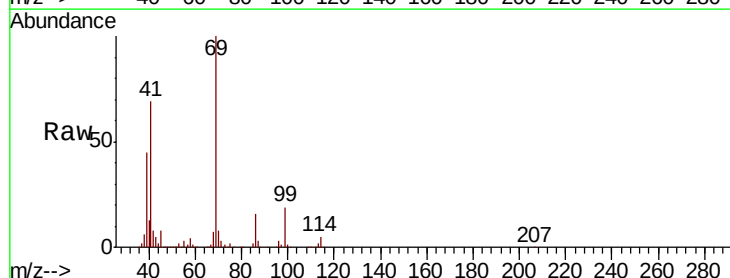
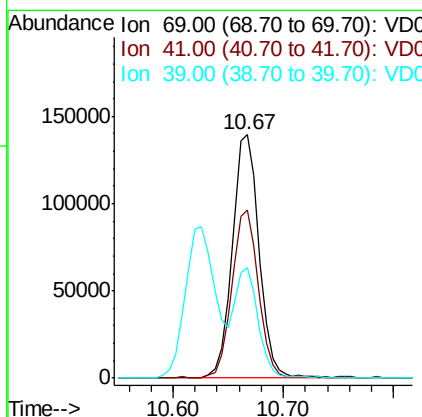
Manual Integrations
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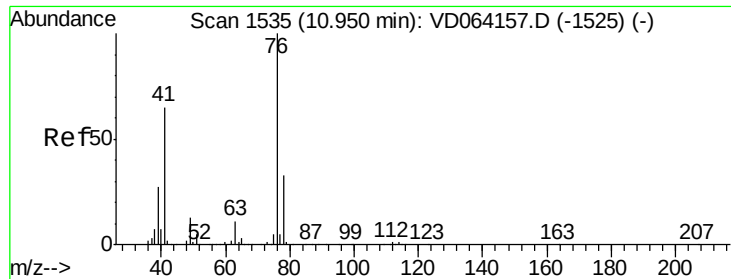
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 11/23/2019 6:11:36 AM



#56
 Ethyl methacrylate
 Concen: 51.471 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		237377		
41	67.9	57.9	86.9		
39	39.4	29.0	43.4		





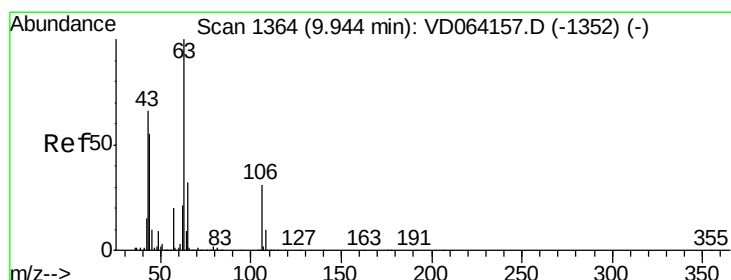
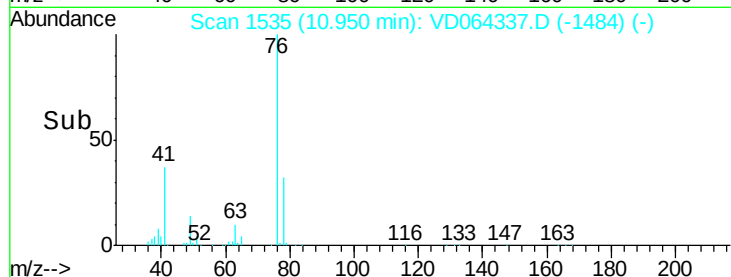
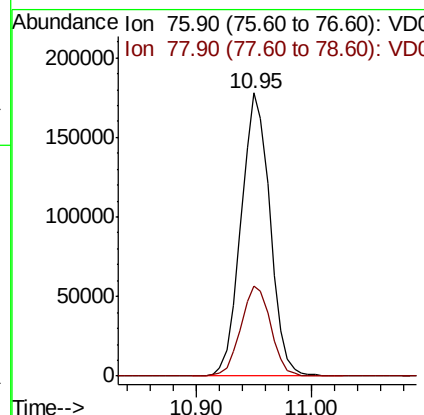
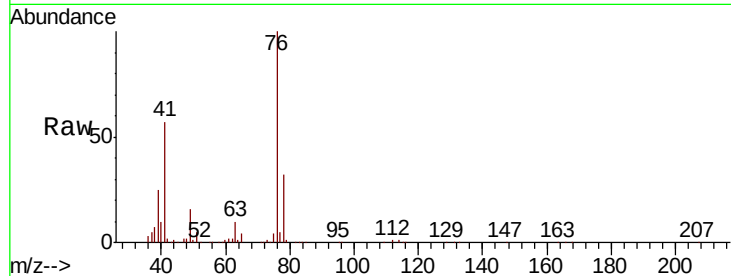
#57
 1,3-Dichloropropane
 Concen: 53.750 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 309047
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.4

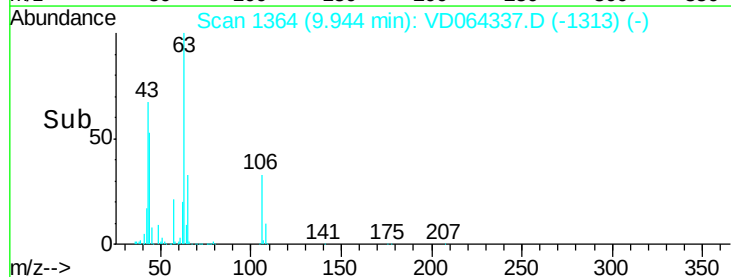
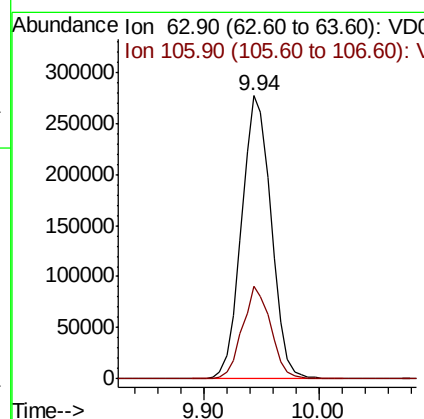
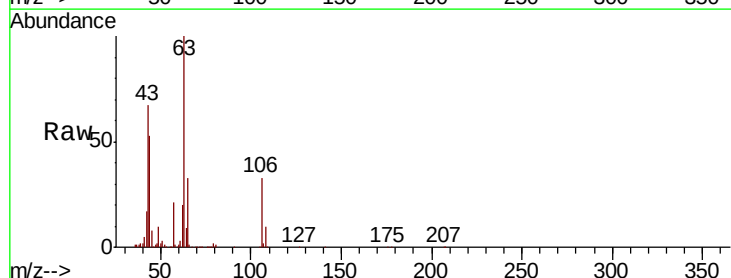
Manual Integrations
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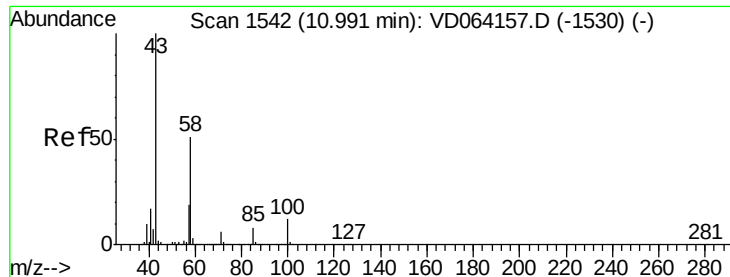
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.807 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion: 63 Resp: 492833
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.1 36.1





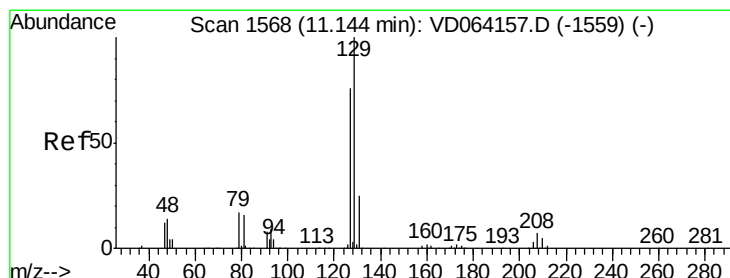
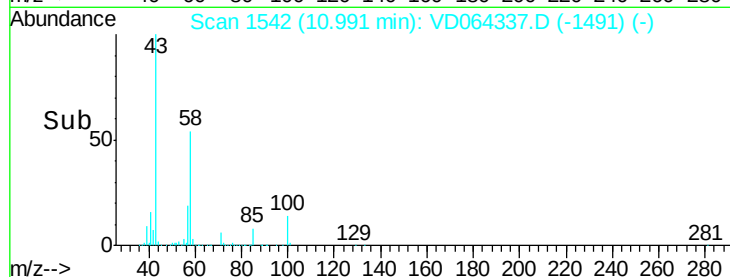
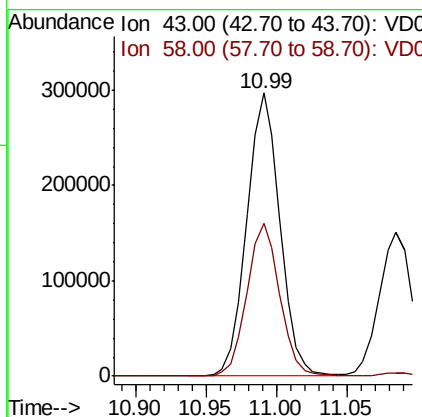
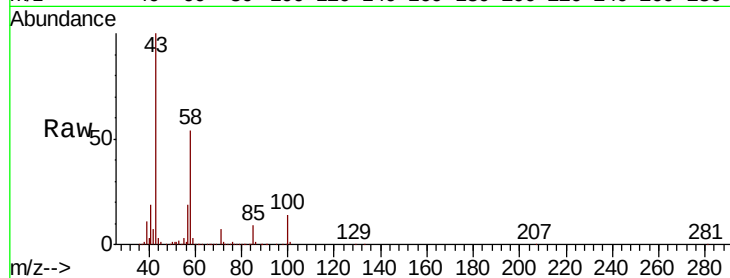
#59
2-Hexanone
Concen: 241.529 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 488453
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.7

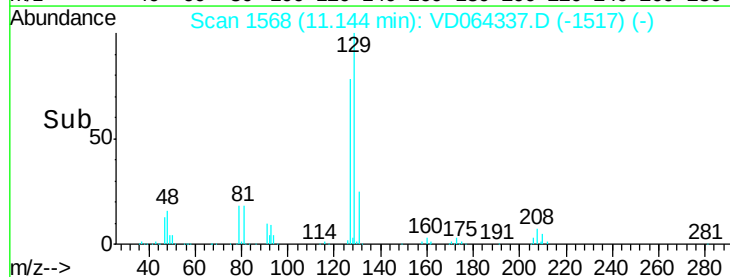
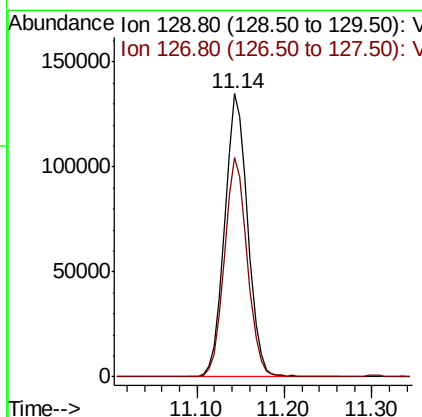
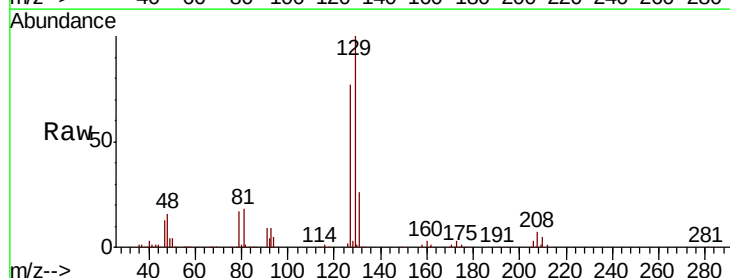
Manual Integrations
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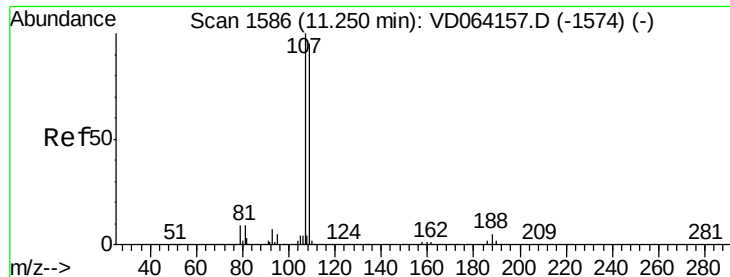
MMDadoda
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#60
Dibromochloromethane
Concen: 53.140 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion: 129 Resp: 244462
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





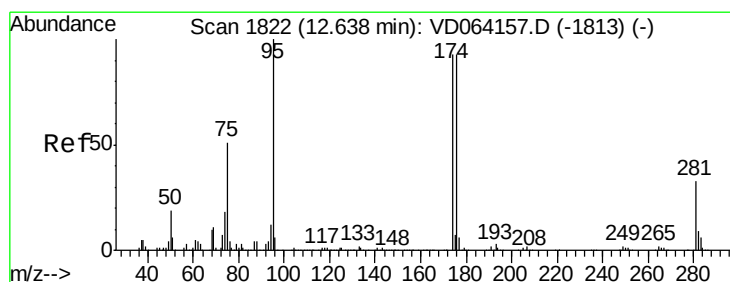
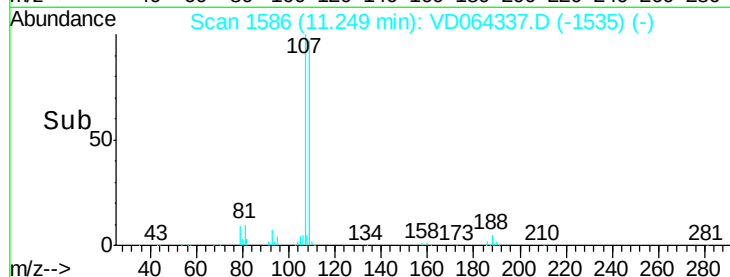
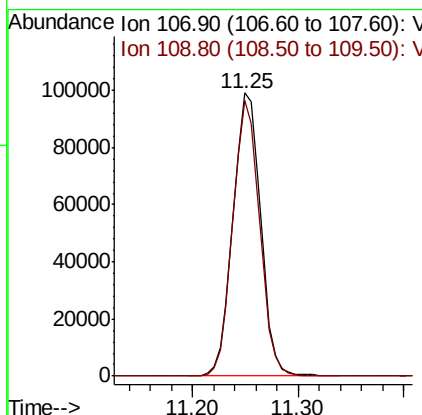
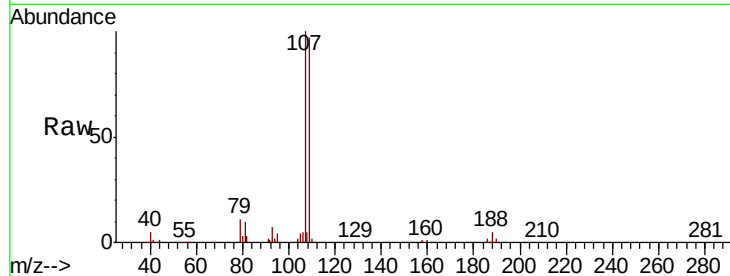
#61
 1,2-Dibromoethane
 Concen: 54.276 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.1	112.7

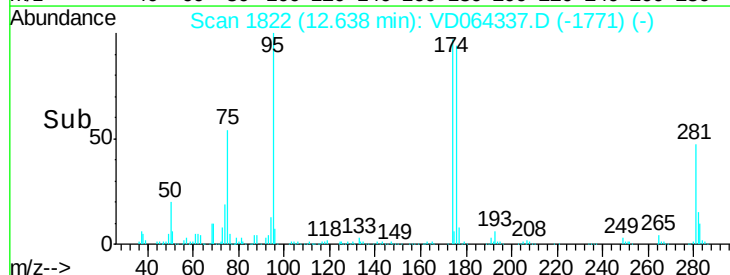
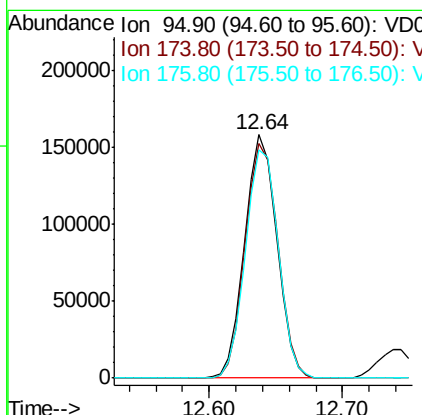
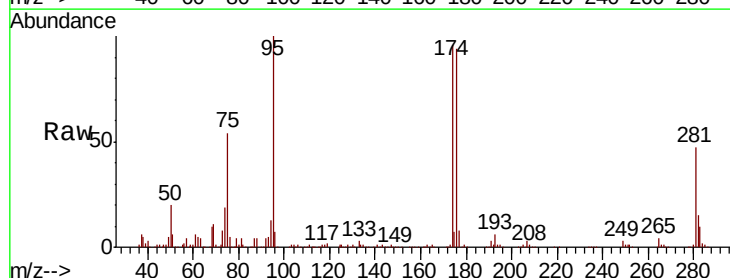
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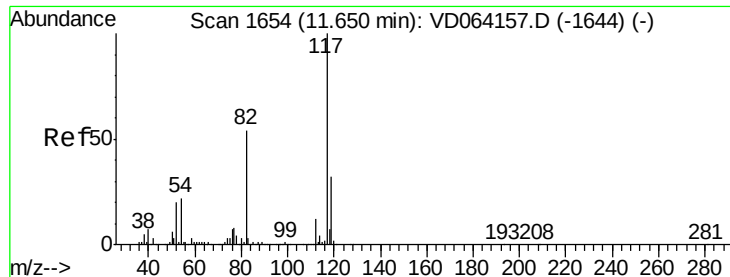
MMDadoda
 11/23/2019 6:11:36 AM



#62
 4-Bromofluorobenzene
 Concen: 47.777 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	183.6
176	95.3	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: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

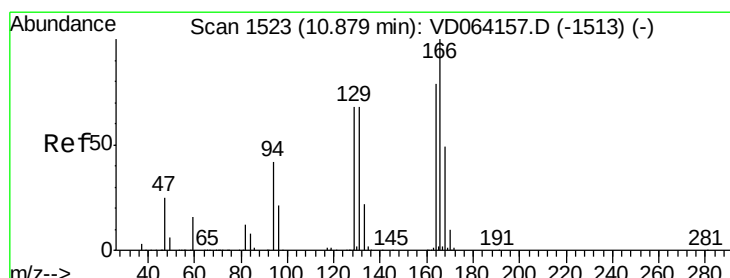
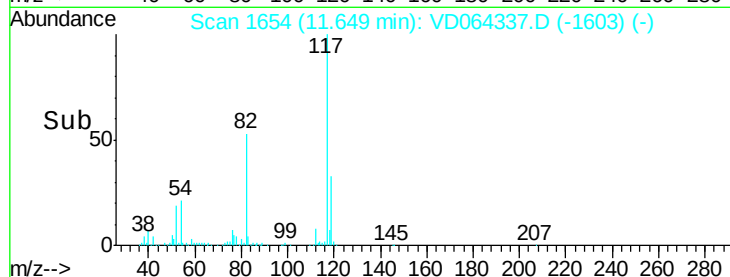
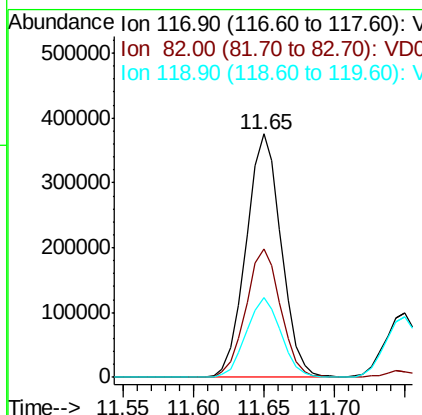
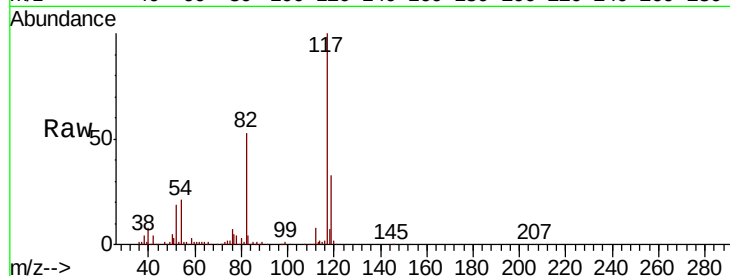
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	655307
Ion Ratio		Lower	Upper
117	100		
82	52.9	42.8	64.2
119	32.7	25.6	38.4

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#64

Tetrachloroethene

Concen: 46.984 ug/l

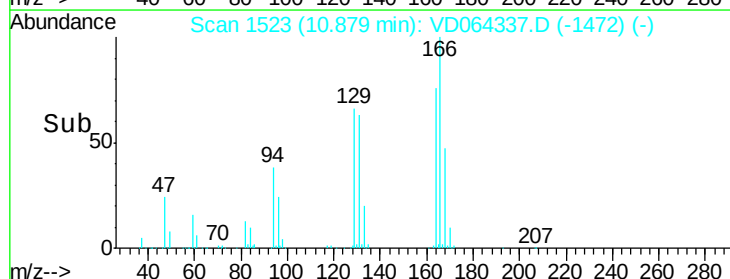
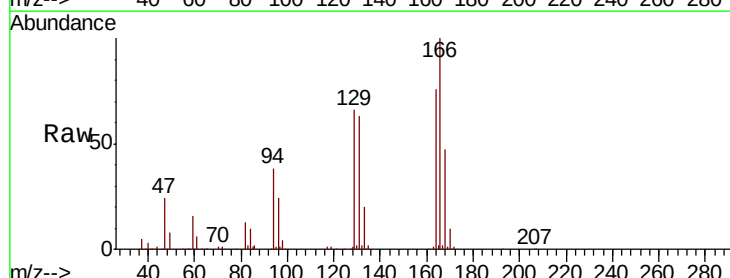
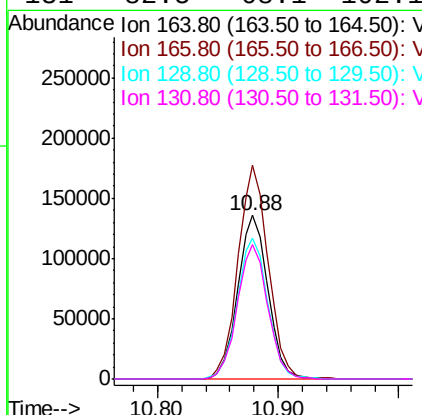
RT: 10.88 min Scan# 1523

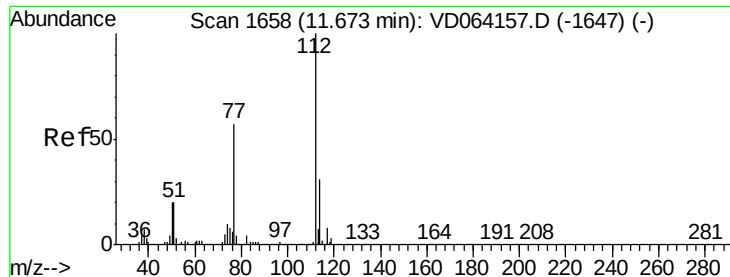
Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	164	Resp:	236793
Ion Ratio		Lower	Upper
164	100		
166	130.8	100.8	151.2
129	85.9	68.7	103.1
131	82.5	68.1	102.1





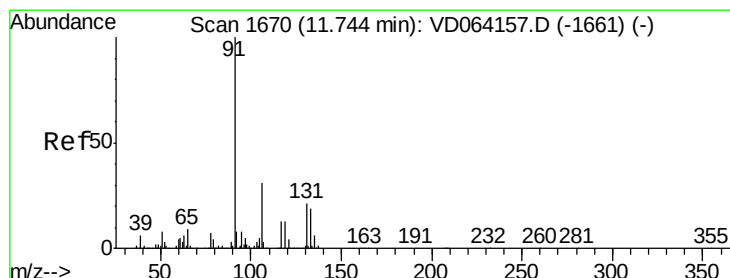
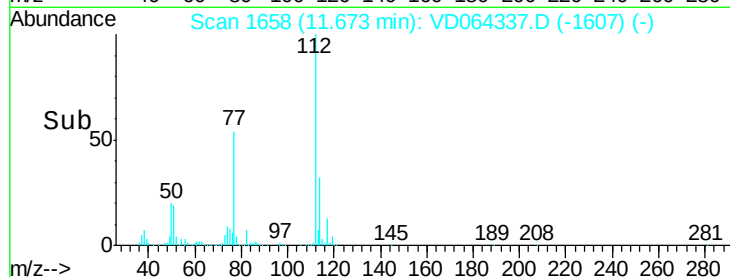
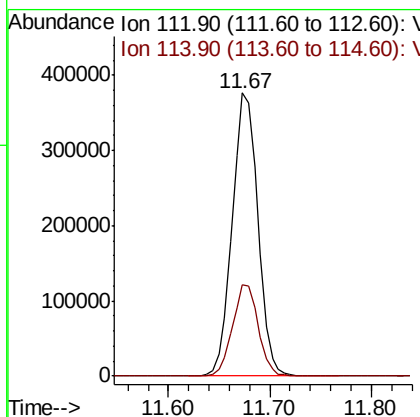
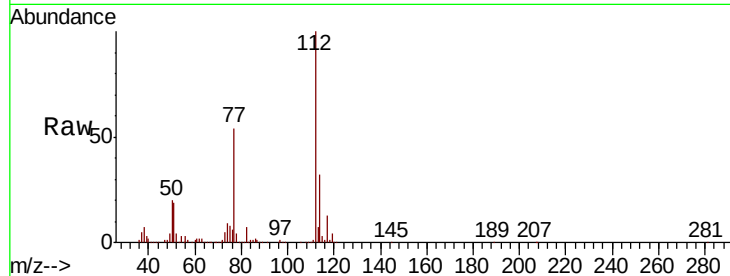
#65
Chlorobenzene
Concen: 49.744 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 662870
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

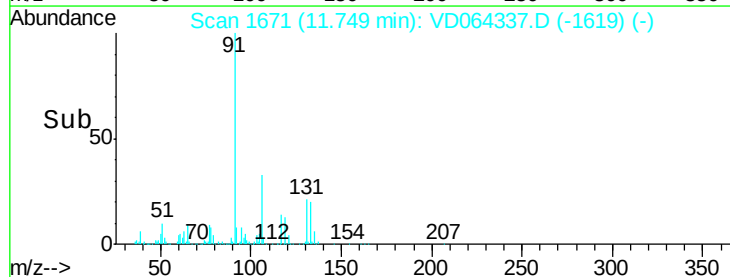
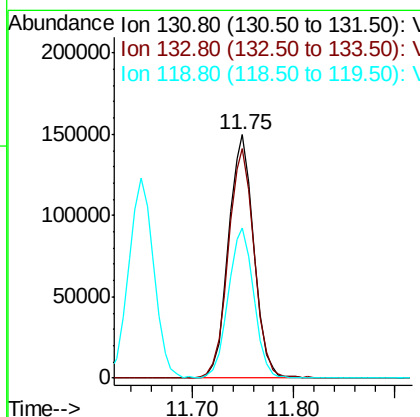
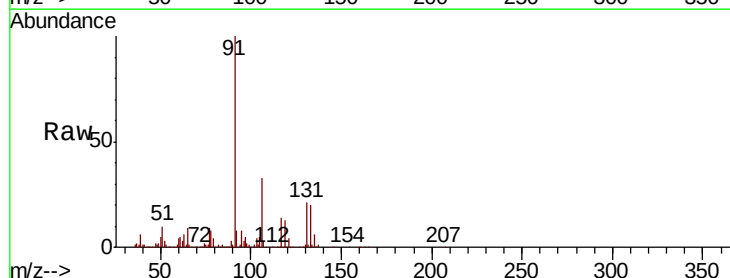
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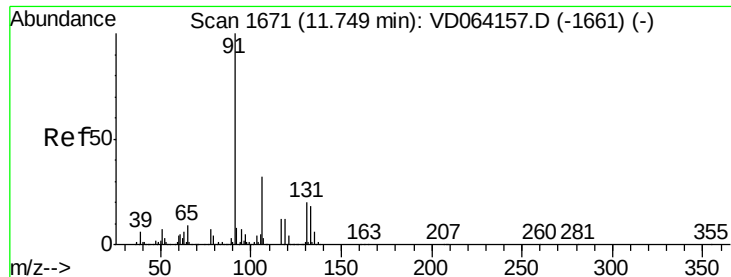
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.178 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion:131 Resp: 259318
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.9
119 62.0 31.1 93.3





#67

Ethyl Benzene

Concen: 48.297 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1164153

Ion Ratio Lower Upper

91 100

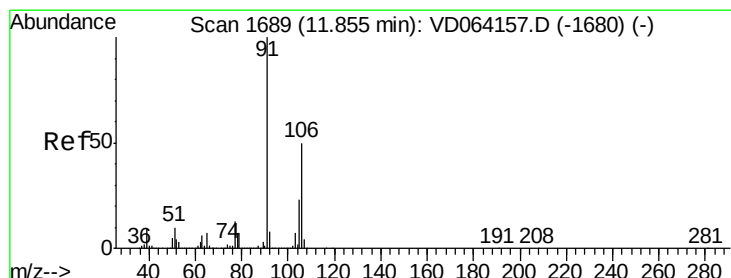
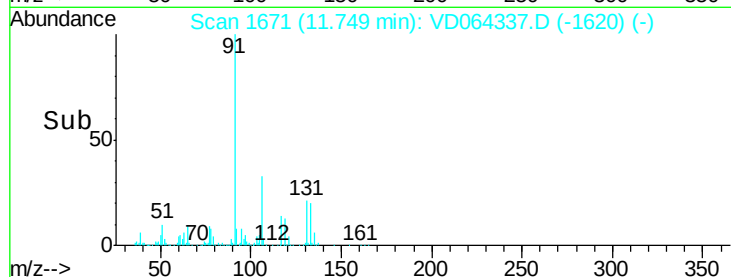
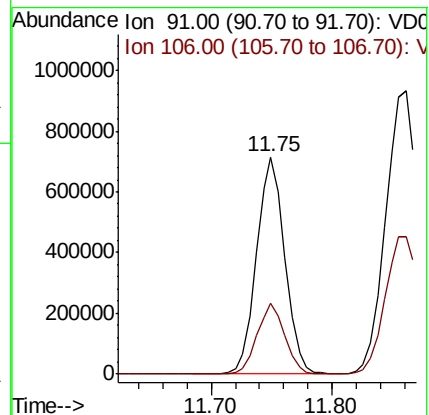
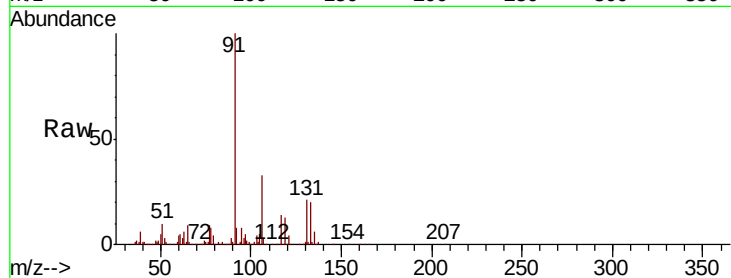
106 32.6 25.5 38.3

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#68

m/p-Xylenes

Concen: 97.175 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064337.D

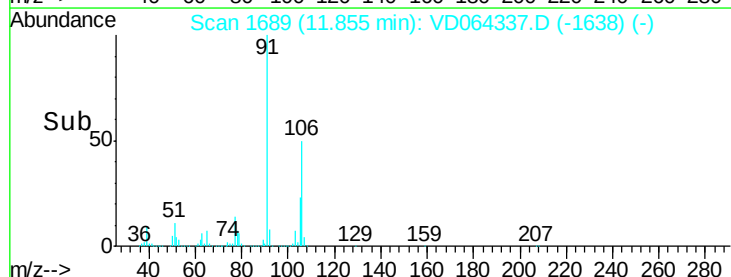
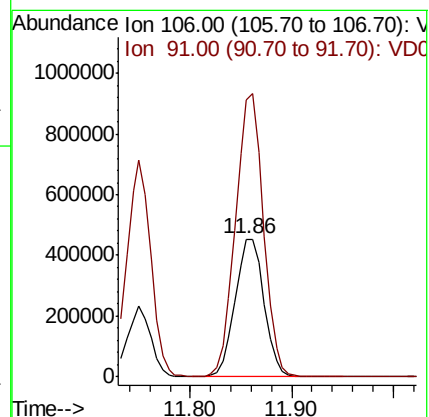
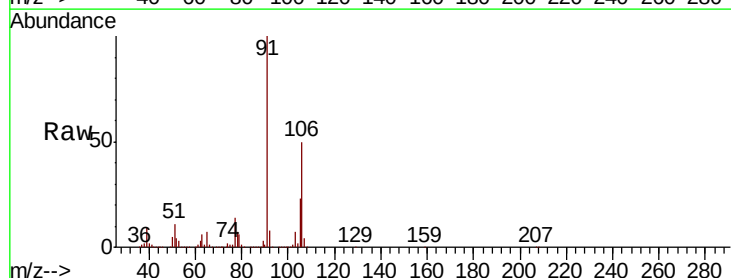
Acq: 21 Nov 2019 21:14

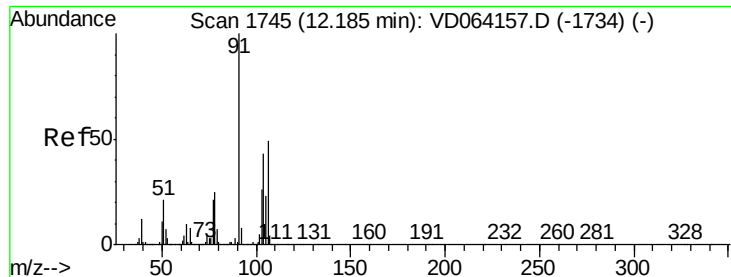
Tgt Ion: 106 Resp: 897808

Ion Ratio Lower Upper

106 100

91 198.5 160.3 240.5





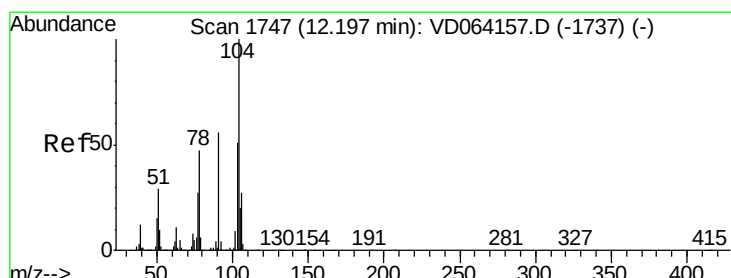
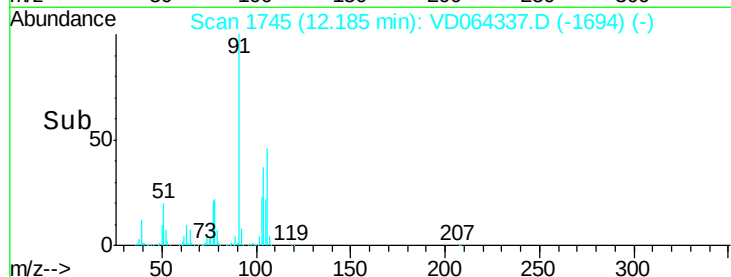
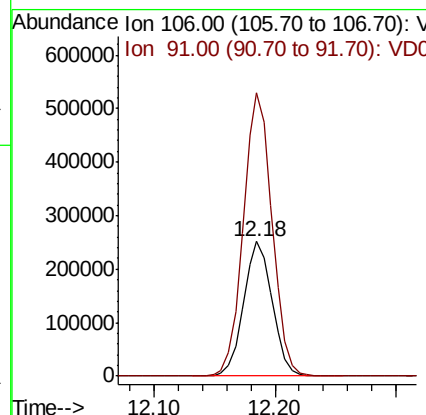
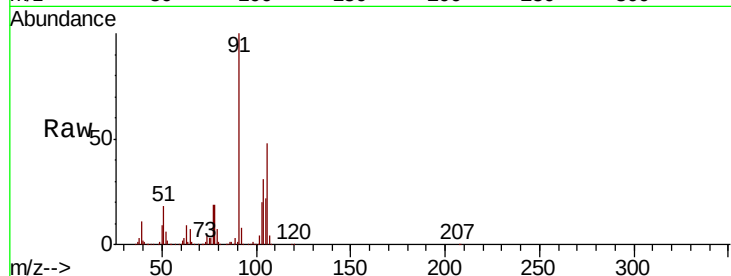
#69
o-Xylene
Concen: 48.517 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	105.1	315.3

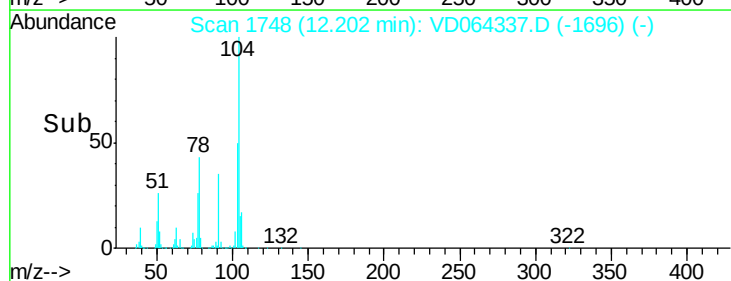
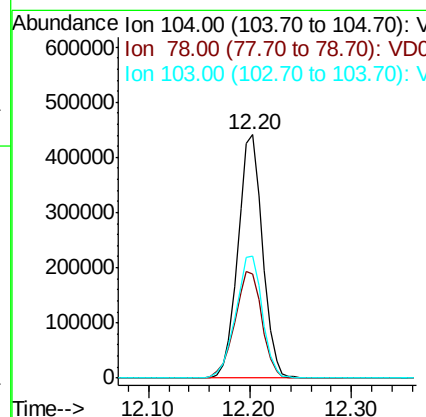
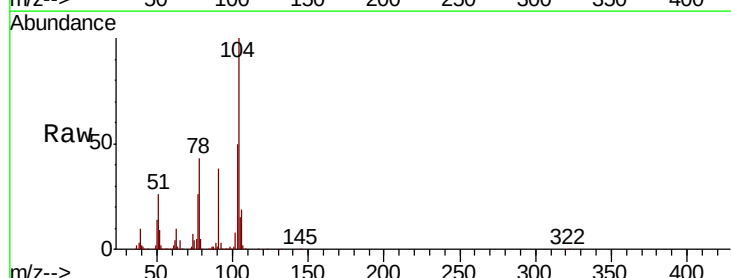
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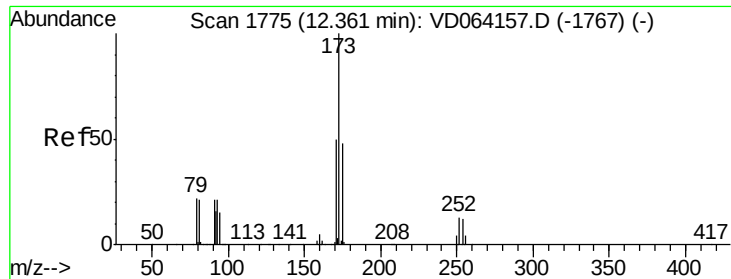
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#70
Styrene
Concen: 49.527 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.9	59.9
103	54.2	43.4	65.0





#71

Bromoform

Concen: 51.376 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

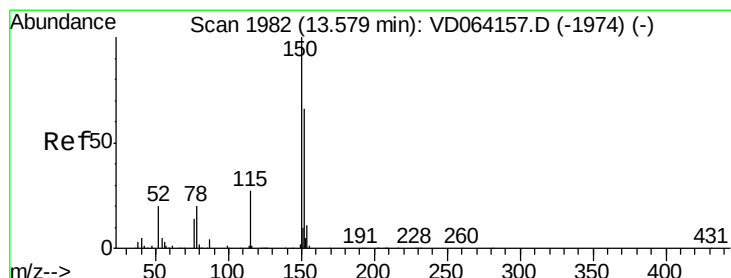
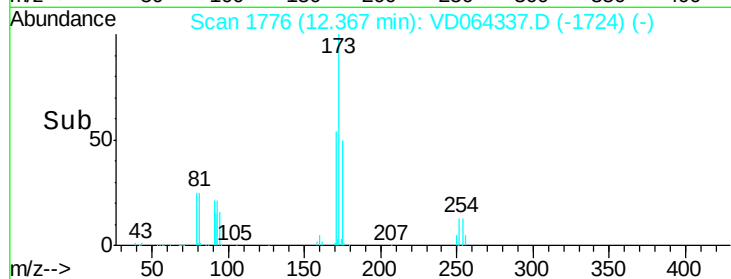
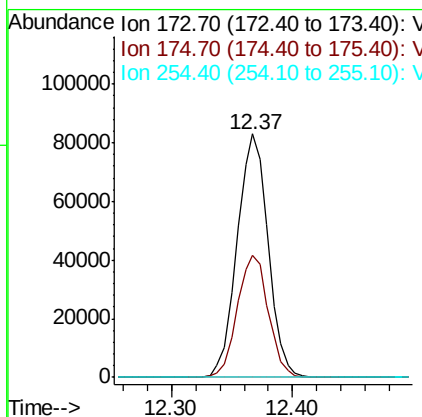
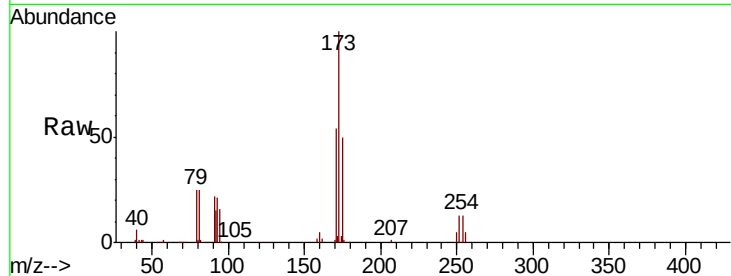
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.1	72.3
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

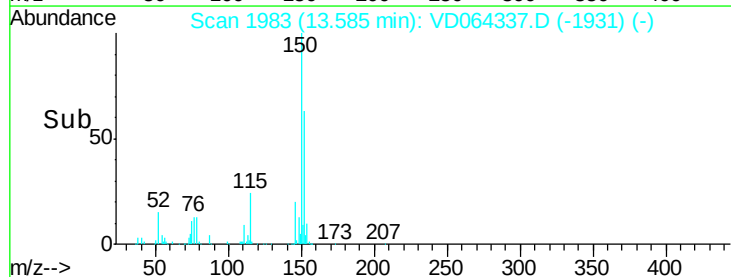
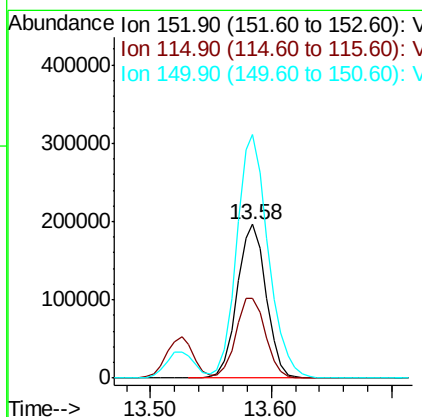
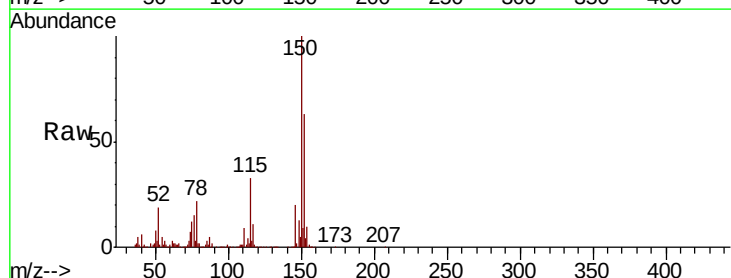
RT: 13.58 min Scan# 1983

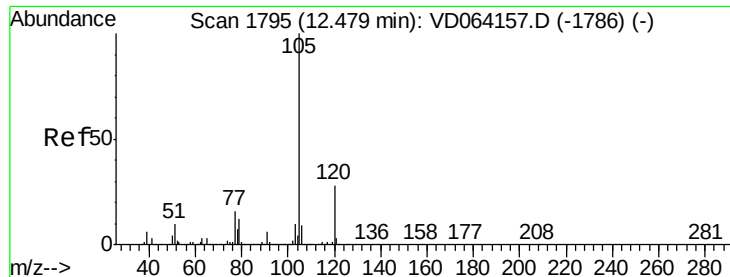
Delta R.T. 0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.4	82.2
150	172.3	0.0	351.6





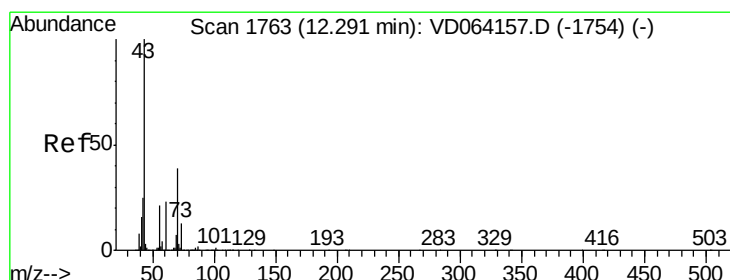
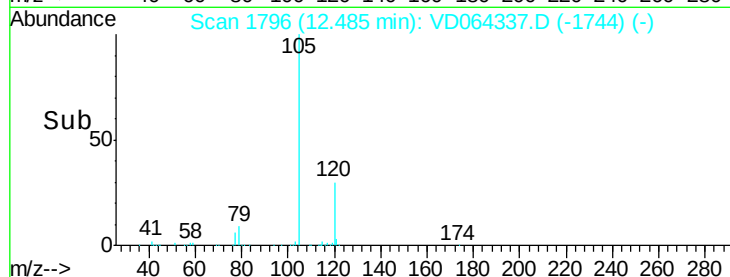
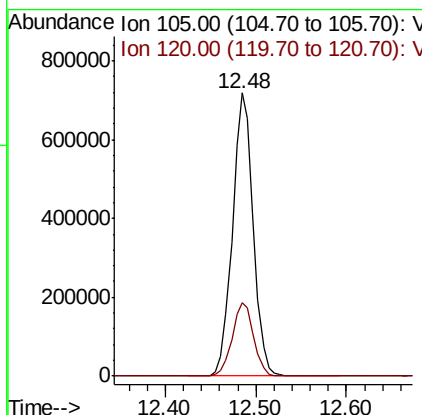
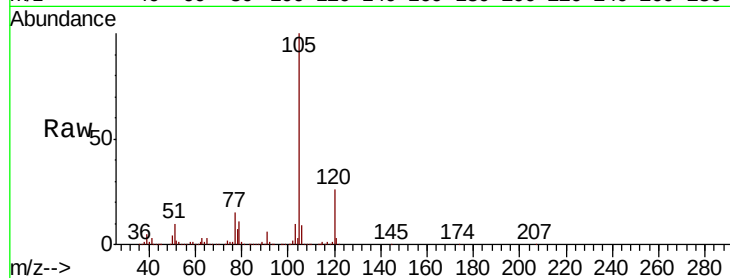
#73
Isopropylbenzene
Concen: 47.317 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 1140061
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8

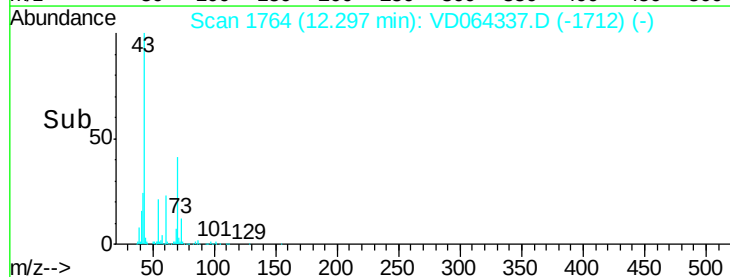
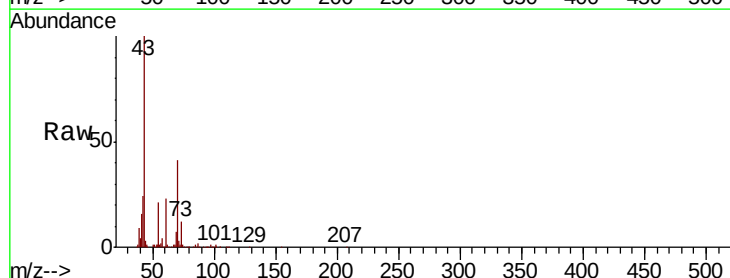
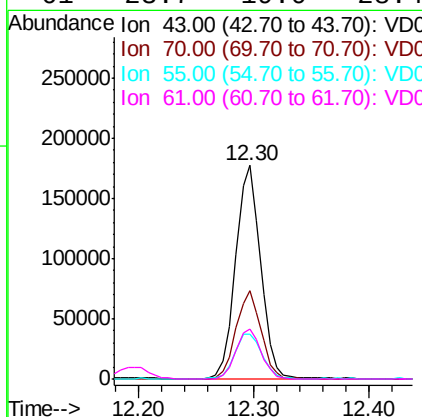
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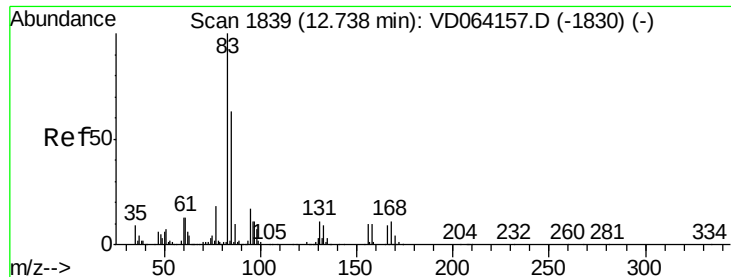
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#74
N-ethyl acetate
Concen: 46.592 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion: 43 Resp: 265099
Ion Ratio Lower Upper
43 100
70 41.6 32.4 48.6
55 22.9 17.9 26.9
61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.820 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

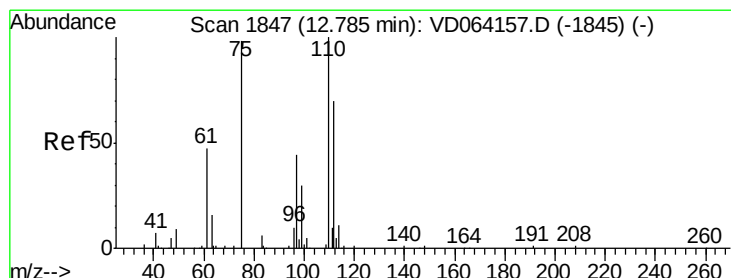
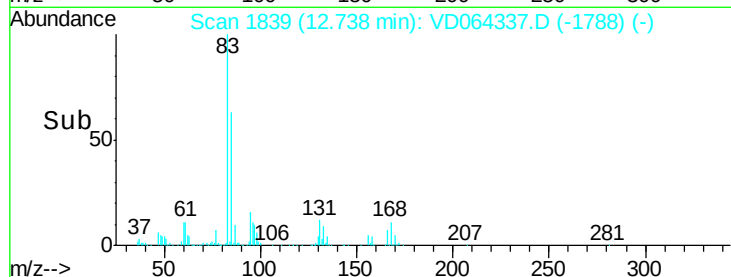
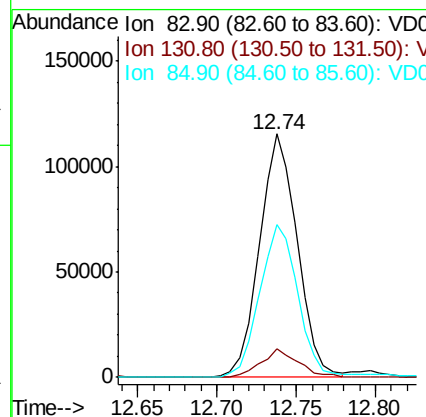
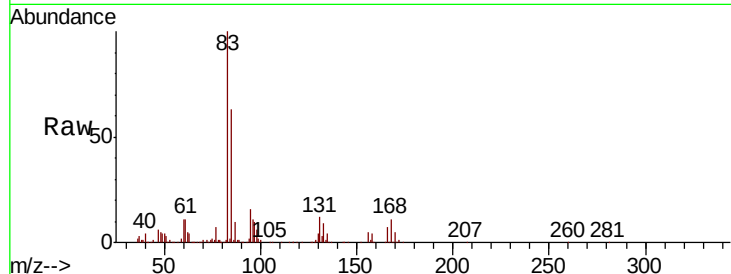
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	191764
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.7
85	63.3	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 46.435 ug/l m

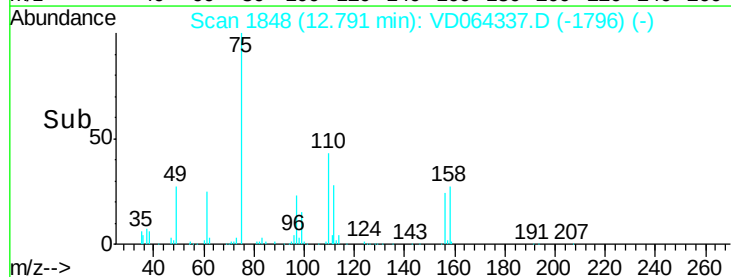
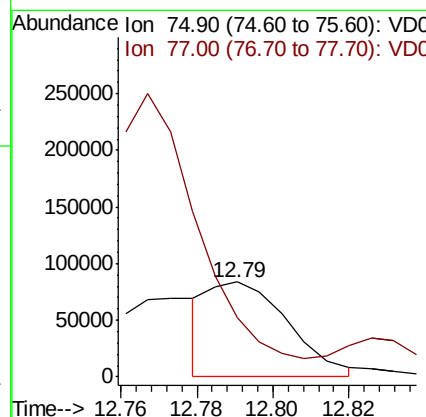
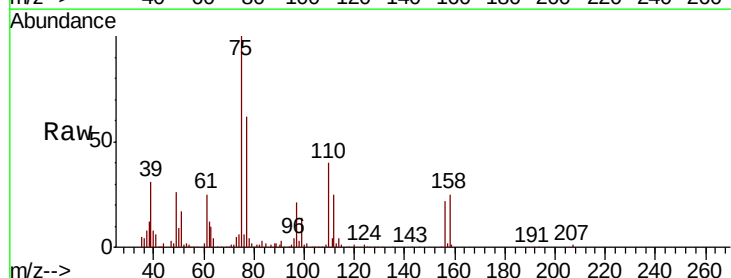
RT: 12.79 min Scan# 1848

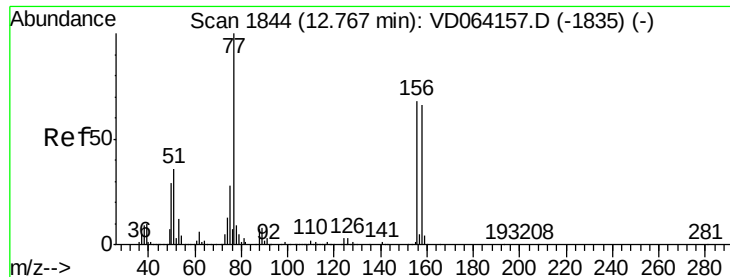
Delta R.T. 0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	75	Resp:	122774
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.620 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

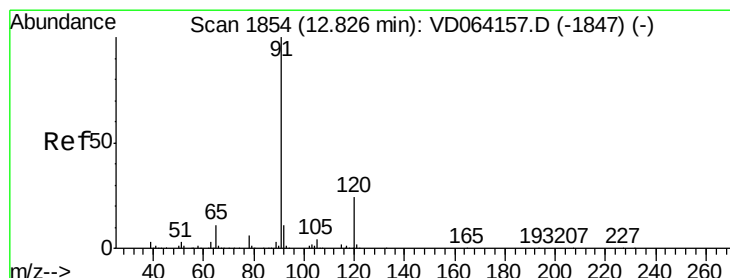
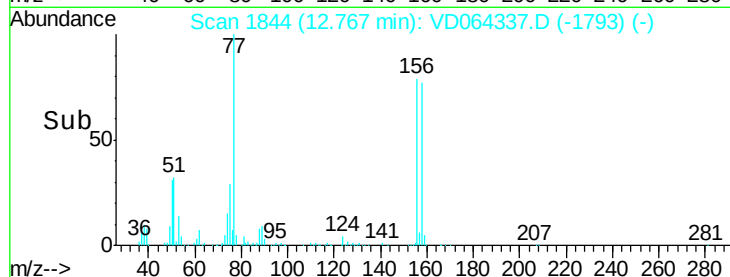
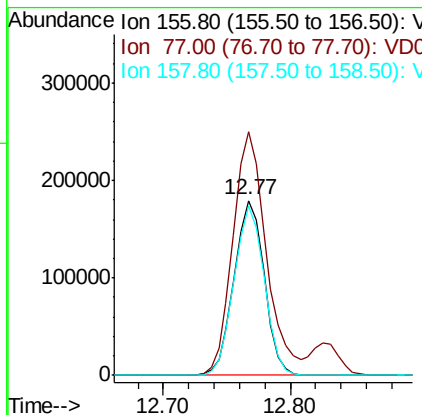
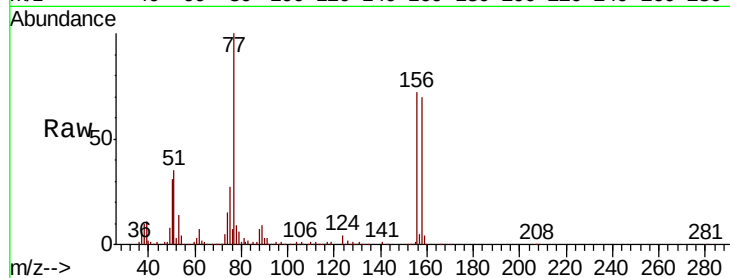
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	296303
Ion Ratio	Lower	Upper	
156	100		
77	154.1	81.2	243.4
158	97.2	48.4	145.2

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#78

n-propylbenzene

Concen: 47.055 ug/l

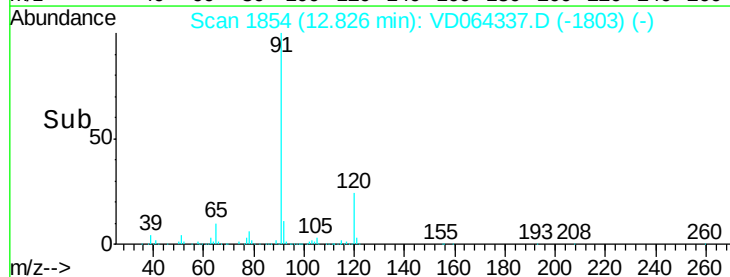
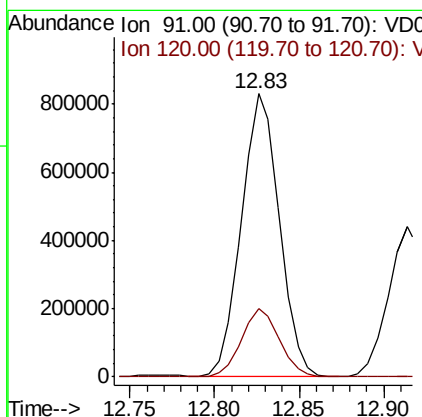
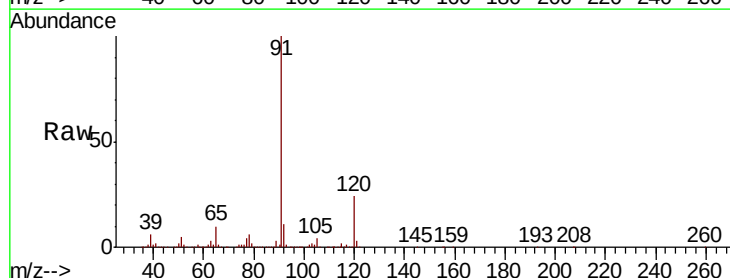
RT: 12.83 min Scan# 1854

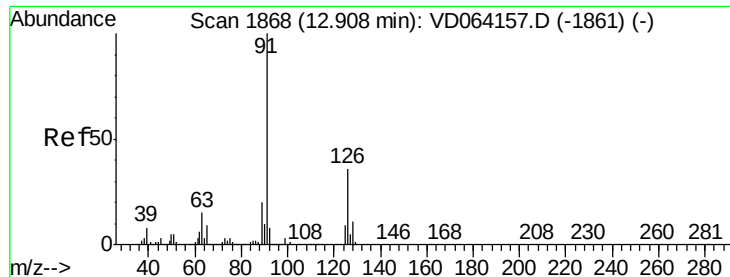
Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	91	Resp:	1295316
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.8	35.4





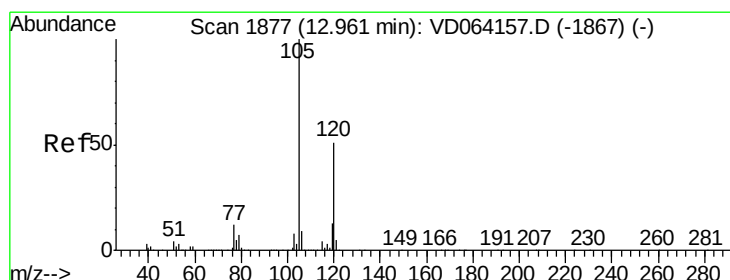
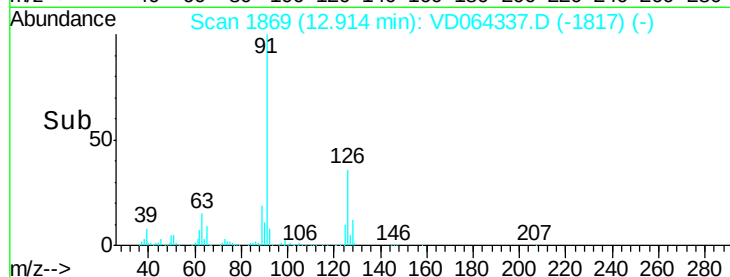
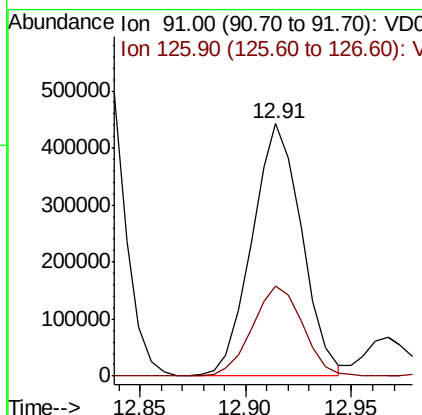
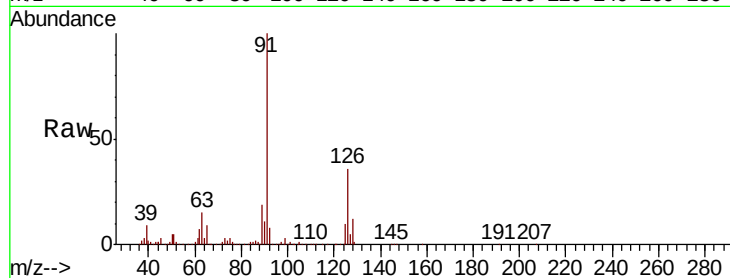
#79
2-Chlorotoluene
Concen: 46.386 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 720911
Ion Ratio Lower Upper
91 100
126 36.4 17.7 53.1

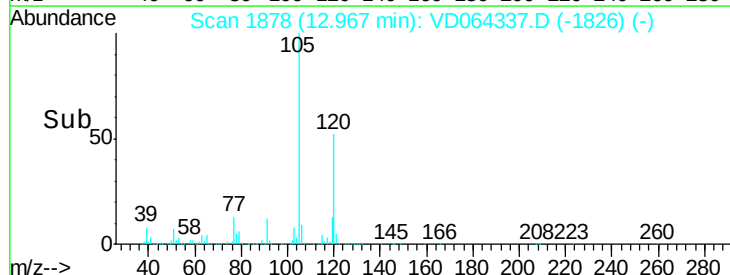
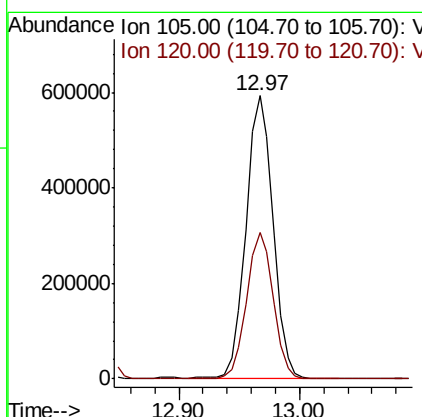
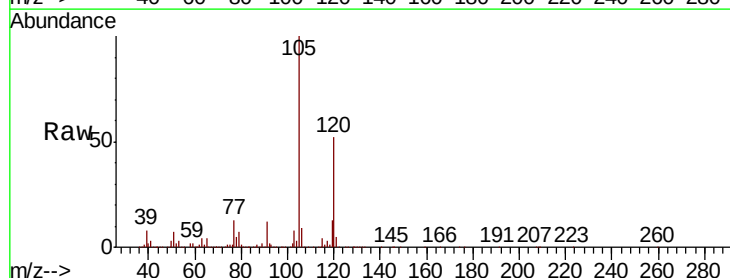
Manual Integrations
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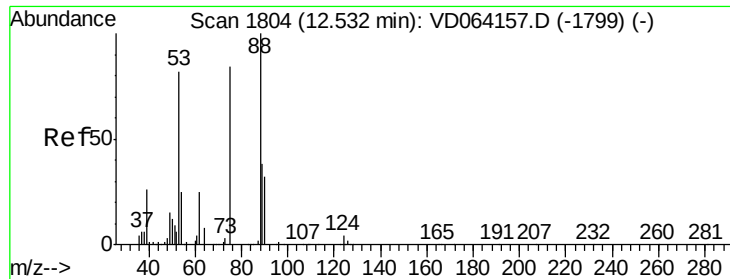
MMDadoda
11/23/2019 6:11:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 46.947 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion: 105 Resp: 929464
Ion Ratio Lower Upper
105 100
120 50.9 25.4 76.4





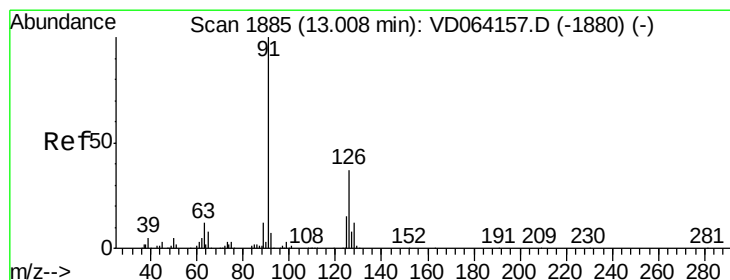
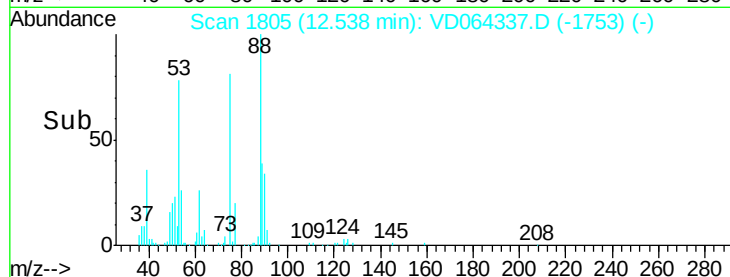
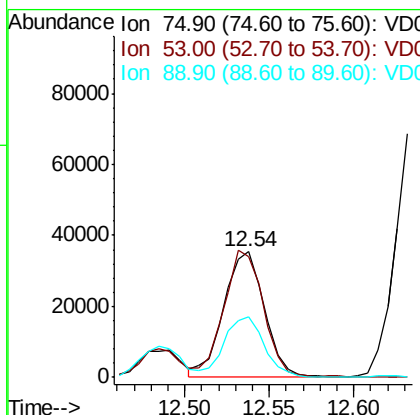
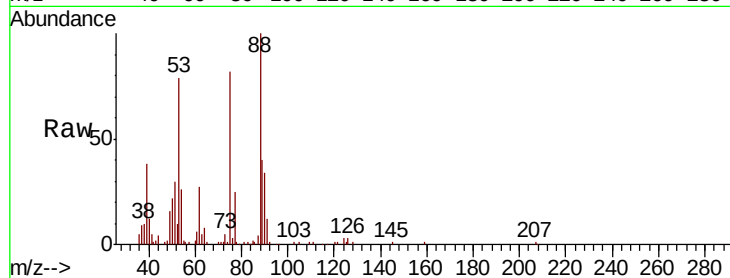
#81
trans-1,4-Dichloro-2-butene
Concen: 44.772 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	79.4	119.0
89	47.3	36.6	55.0

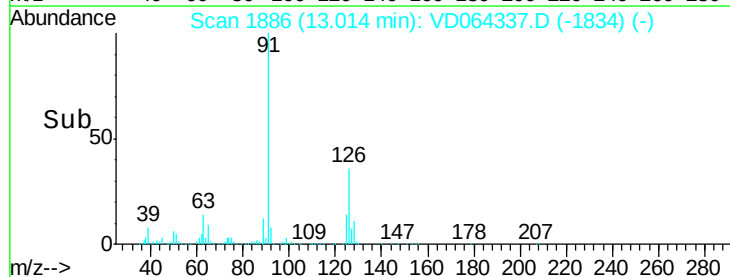
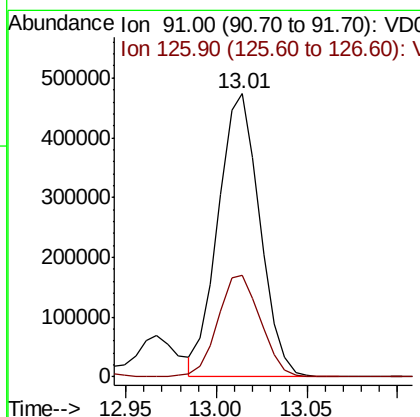
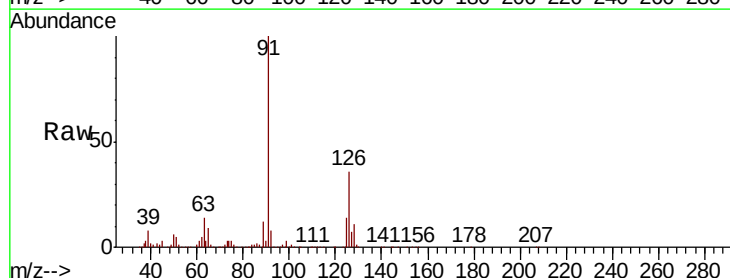
Manual Integrations
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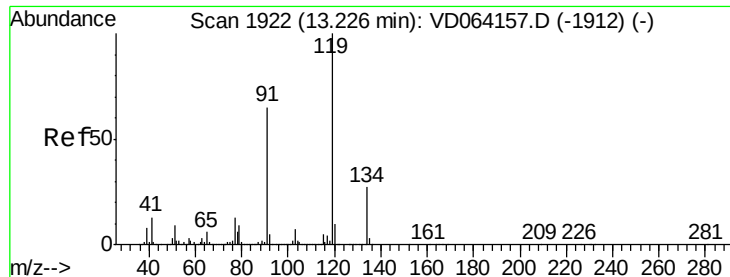
MMDadoda
11/23/2019 6:11:36 AM



#82
4-Chlorotoluene
Concen: 46.686 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.8	53.4





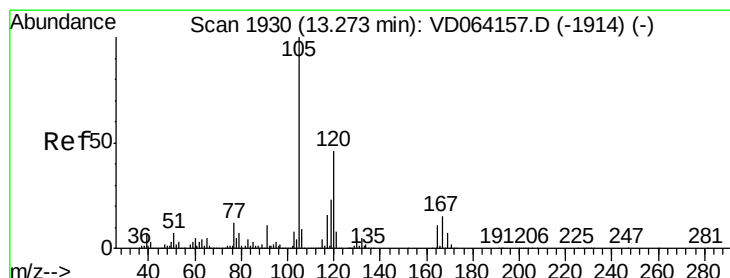
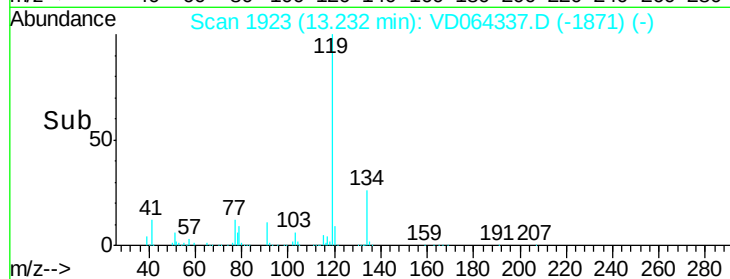
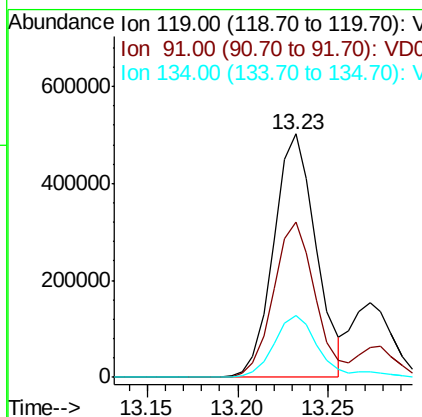
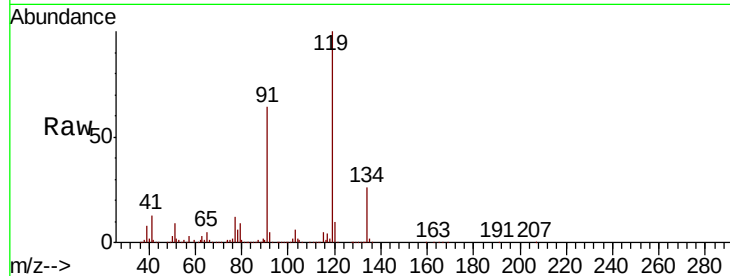
#83
tert-Butylbenzene
Concen: 46.795 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	31.8	95.4
134	27.5	13.7	41.0

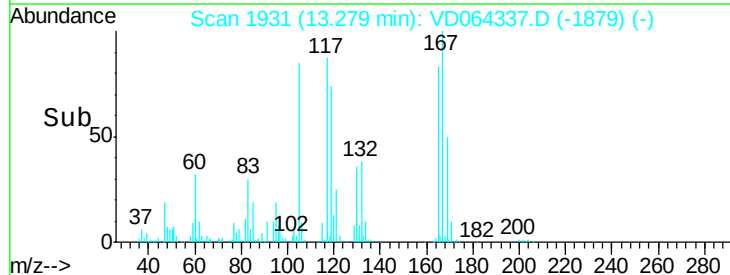
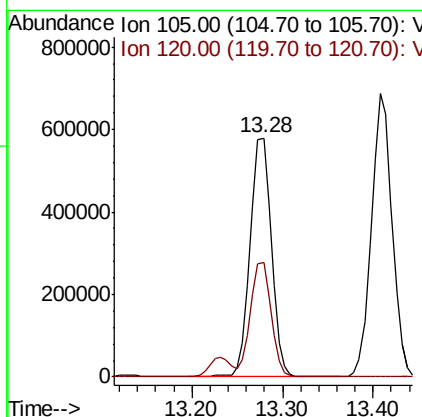
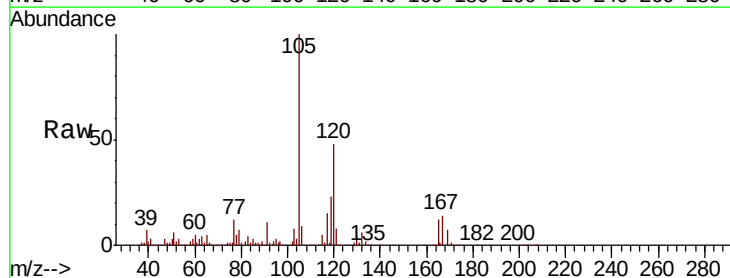
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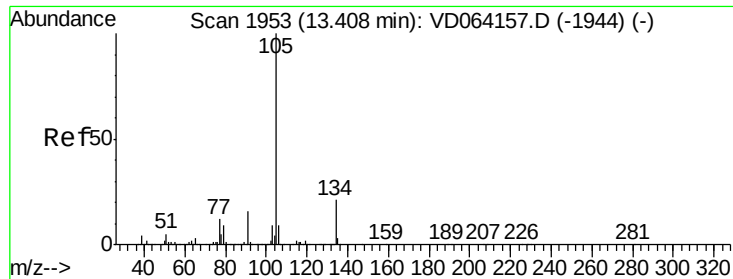
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#84
1,2,4-Trimethylbenzene
Concen: 48.256 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.3	69.8





#85

sec-Butylbenzene

Concen: 46.450 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1089122

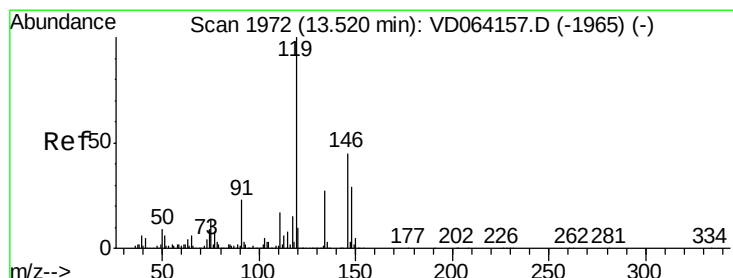
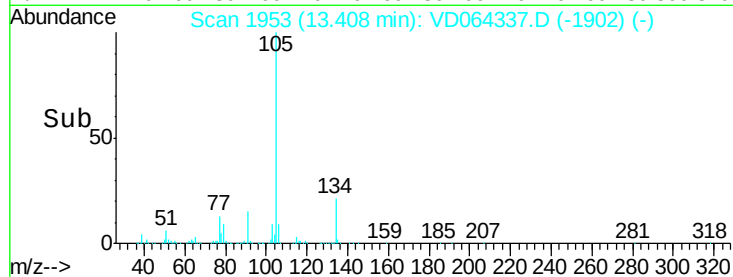
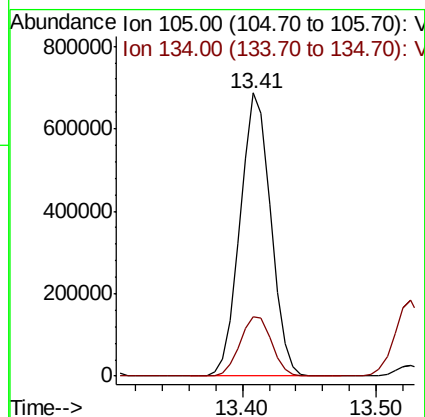
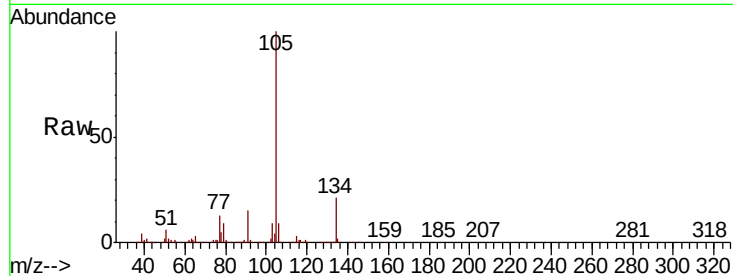
Ion Ratio Lower Upper

105 100

134 21.8 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 47.157 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

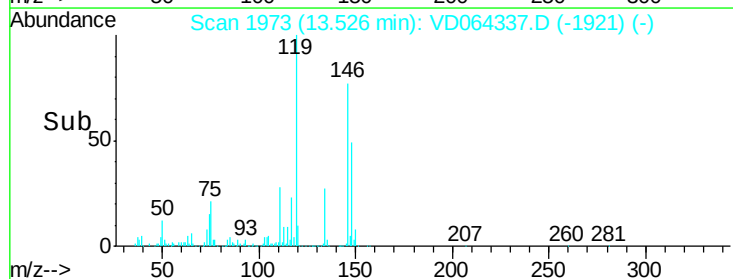
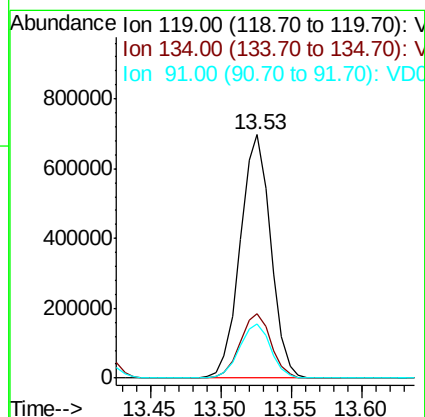
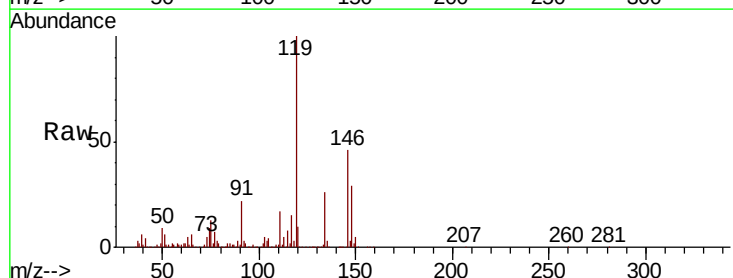
Tgt Ion:119 Resp: 1051187

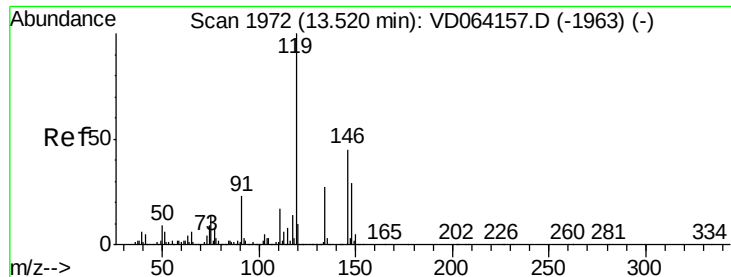
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 22.5 11.5 34.4





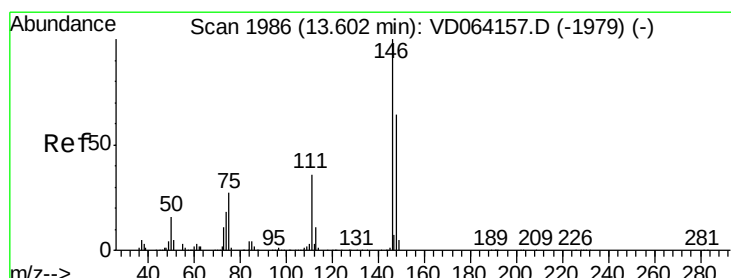
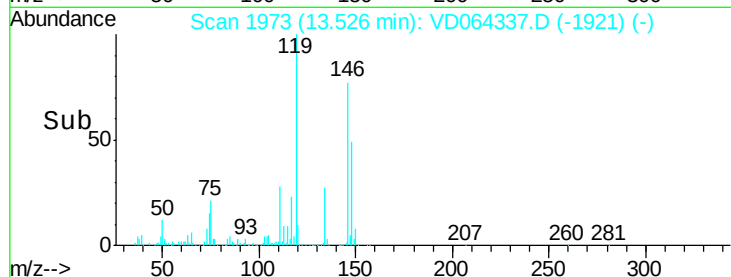
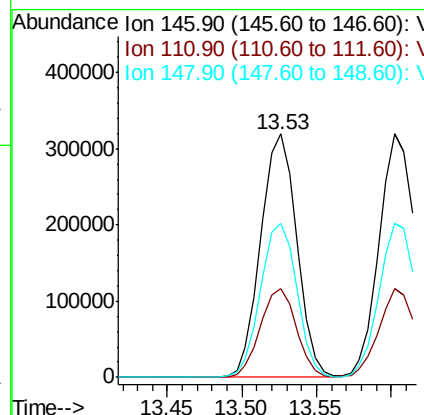
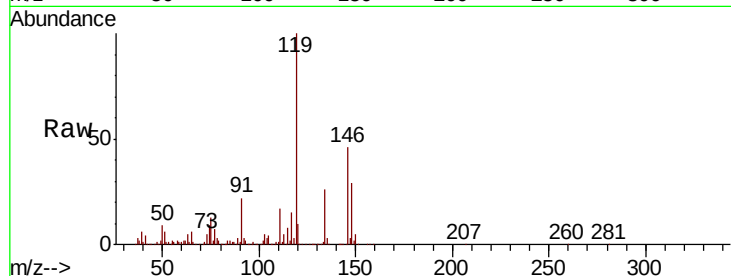
#87
 1,3-Dichlorobenzene
 Concen: 49.323 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.9	56.9
148	63.8	32.1	96.5

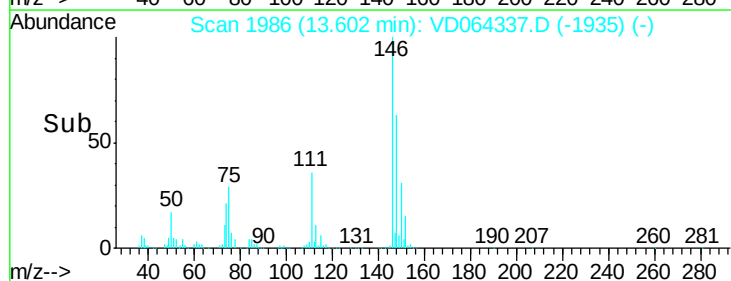
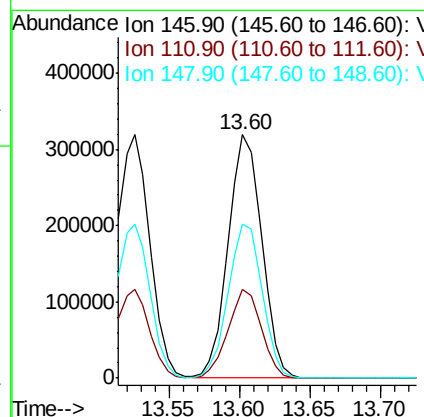
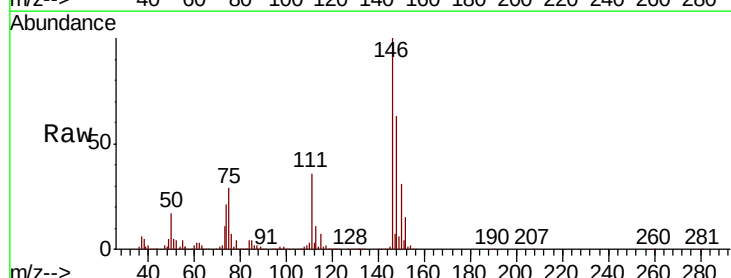
Manual Integrations
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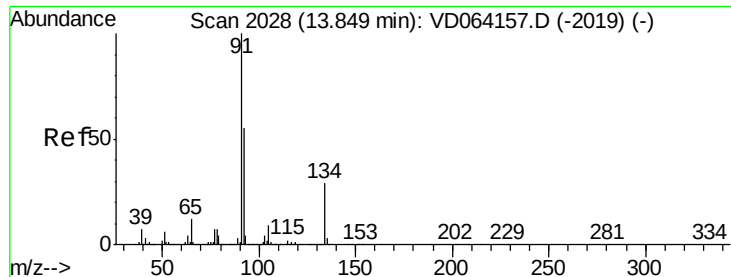
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#88
 1,4-Dichlorobenzene
 Concen: 50.065 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.4
148	64.3	31.9	95.7





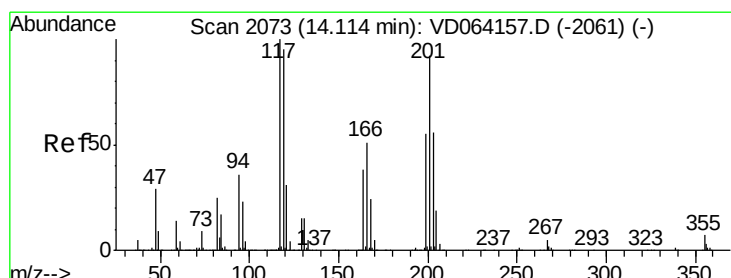
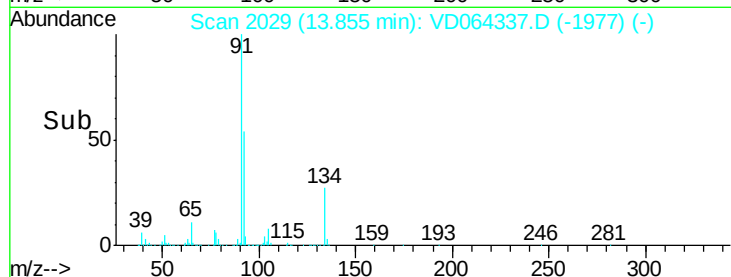
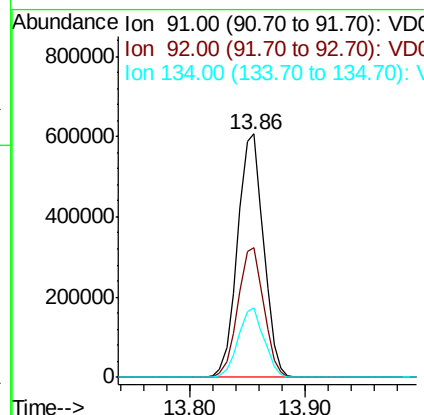
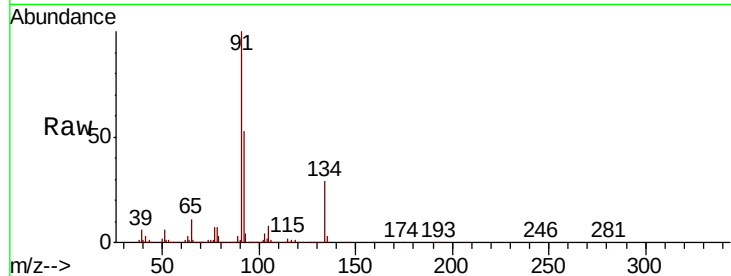
#89
n-Butylbenzene
Concen: 46.866 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		943817		
92	53.2	27.3	81.8		
134	28.4	14.1	42.4		

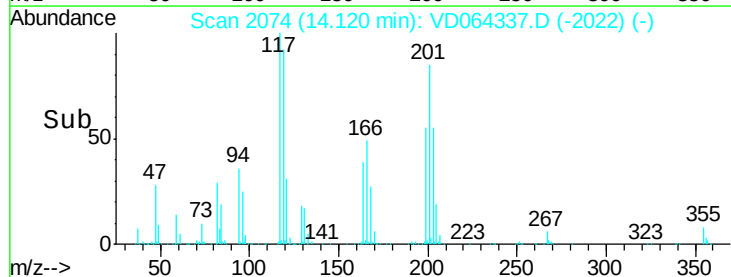
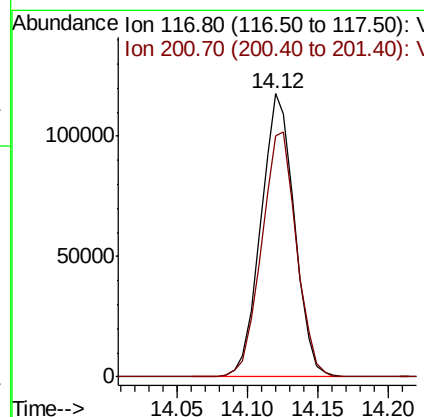
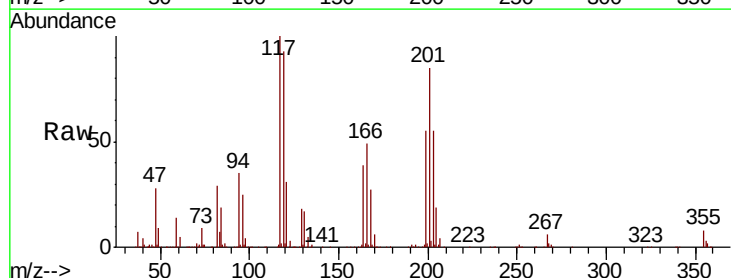
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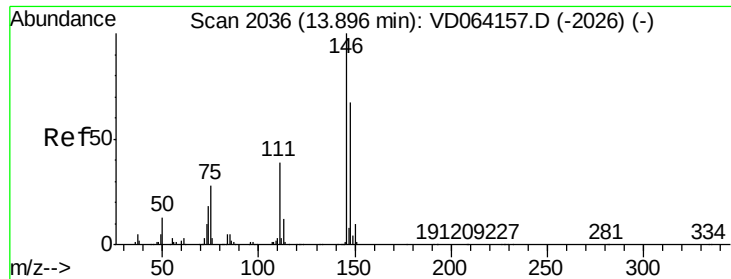
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#90
Hexachloroethane
Concen: 47.724 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064337.D
Acq: 21 Nov 2019 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		196605		
201	89.5	45.8	137.4		





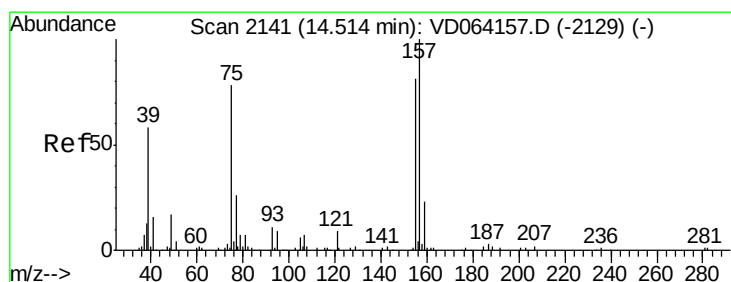
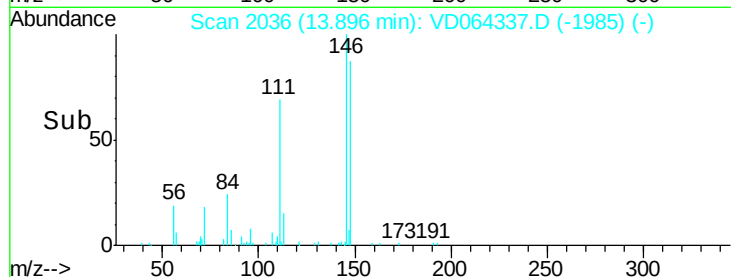
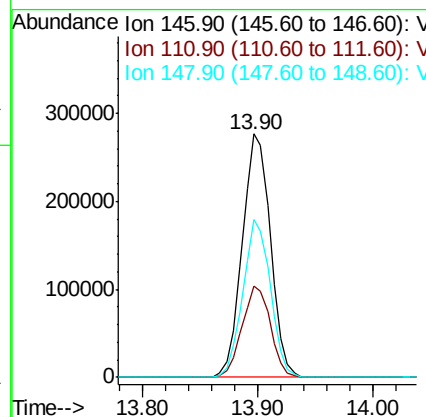
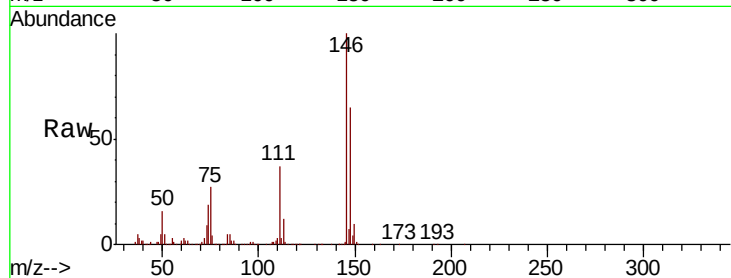
#91
 1,2-Dichlorobenzene
 Concen: 50.799 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.7	59.0
148	63.4	32.3	96.8

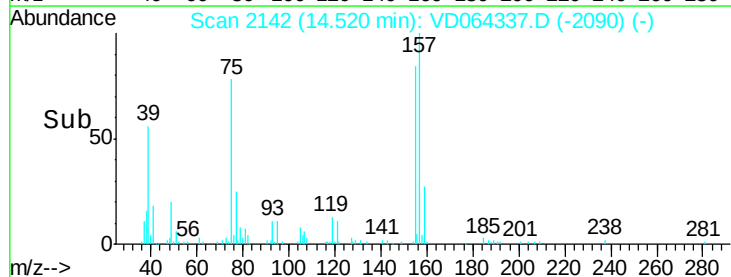
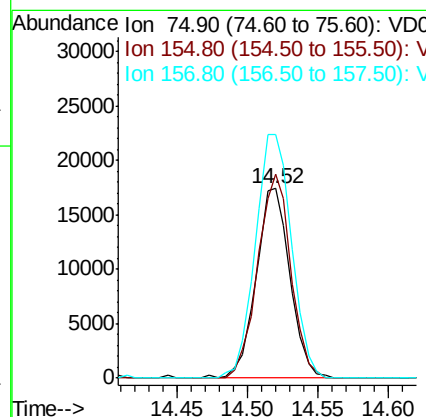
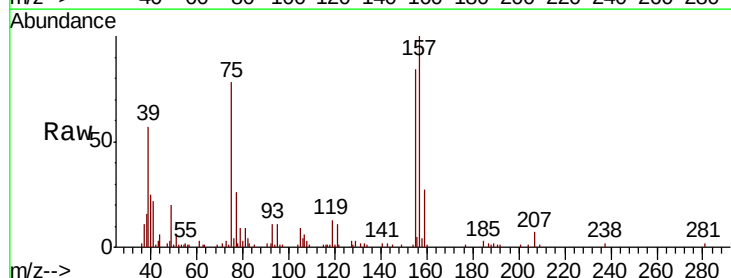
Manual Integrations
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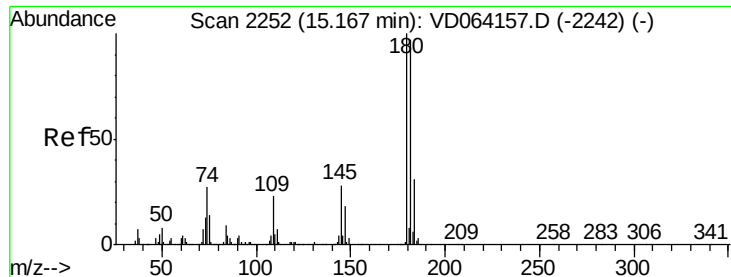
MMDadoda
 11/23/2019 6:11:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.198 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.4	48.0	144.0
157	137.2	61.5	184.4





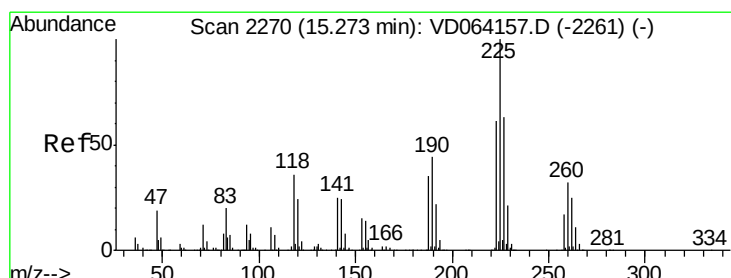
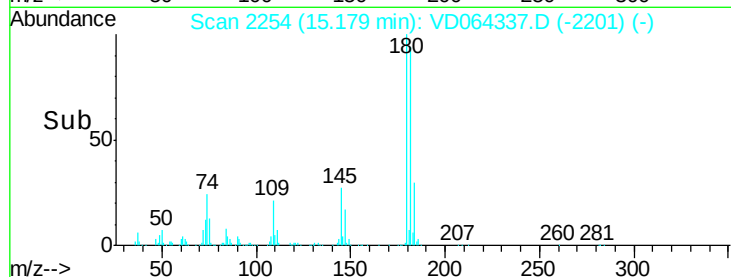
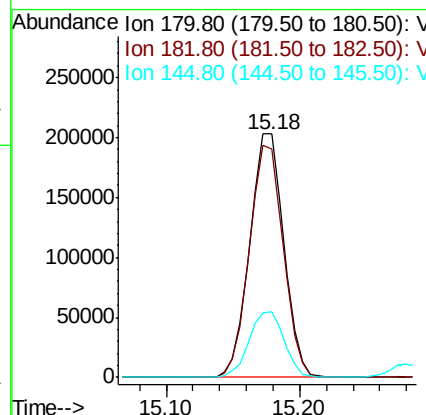
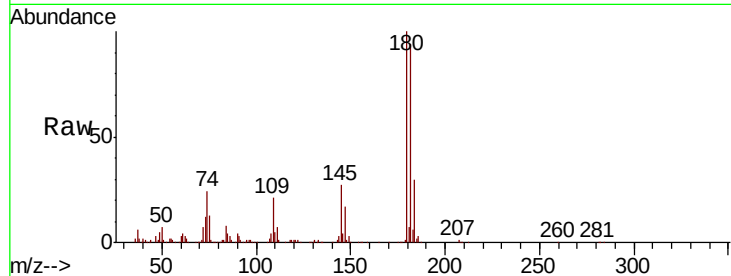
#93
 1,2,4-Trichlorobenzene
 Concen: 50.308 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	356914		
182	94.9		47.5	142.5
145	27.8		14.2	42.6

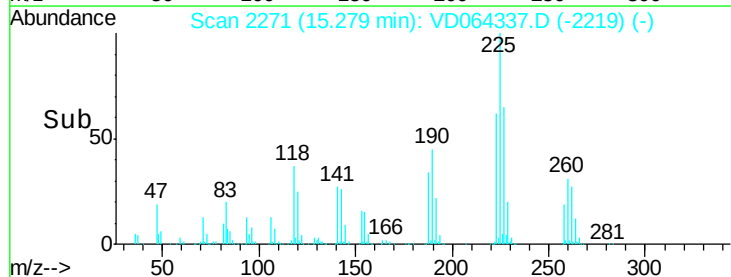
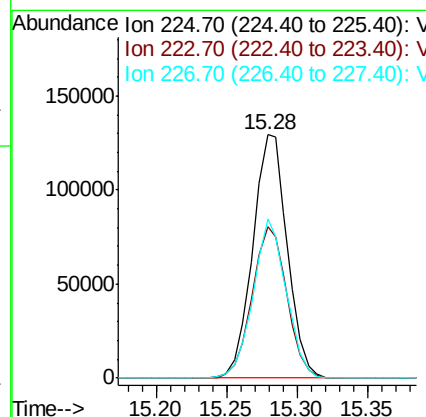
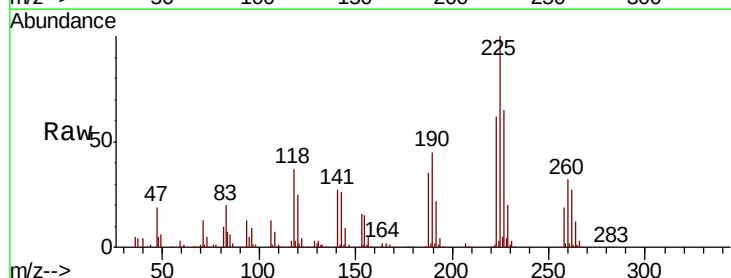
Manual Integrations
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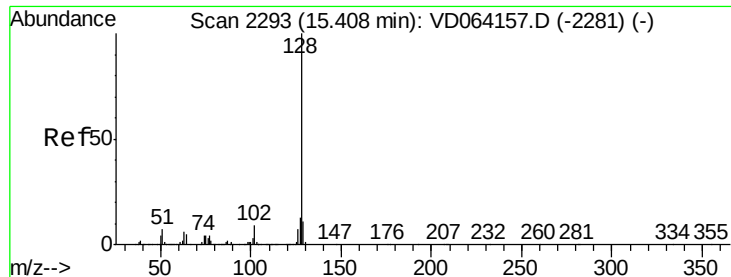
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 11/23/2019 6:11:36 AM



#94
 Hexachlorobutadiene
 Concen: 48.539 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064337.D
 Acq: 21 Nov 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	222423		
223	62.5		31.1	93.3
227	62.6		31.5	94.5





#95

Naphthalene

Concen: 52.339 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Instrument :

MSVOA_D

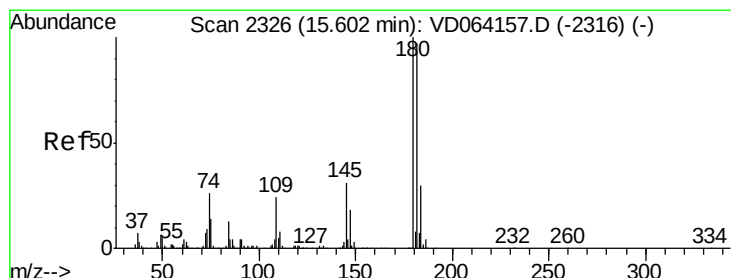
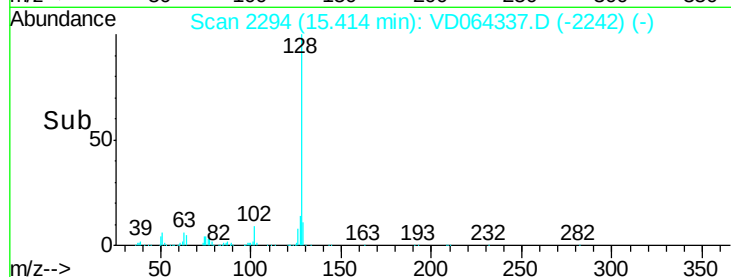
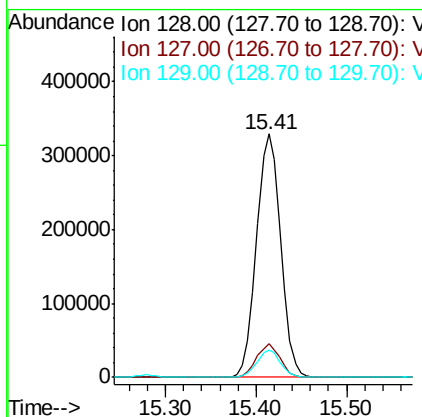
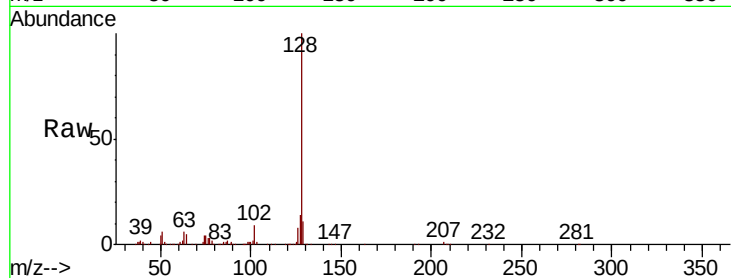
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	608694
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/23/2019 6:11:36 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.462 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD064337.D

Acq: 21 Nov 2019 21:14

Tgt Ion:	180	Resp:	310350
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.3	144.9
145	30.7	15.3	45.8

