

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067576.D
 Acq On : 10 Nov 2020 12:21
 Operator : VA/SY
 Sample : VD1110SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:04:12 PM

Quant Time: Nov 11 00:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	311456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	449499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	407679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	204505	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	120115	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	
35) Dibromofluoromethane	7.91	113	127812	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	10.34	98	445897	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	12.64	95	158126	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	63079	22.520	ug/l	99
3) Chloromethane	2.21	50	39296	20.261	ug/l	99
4) Vinyl Chloride	2.35	62	42322	19.572	ug/l	90
5) Bromomethane	2.76	94	34232	19.532	ug/l	91
6) Chloroethane	2.92	64	25196	18.900	ug/l #	87
7) Trichlorofluoromethane	3.27	101	120214	21.471	ug/l	93
8) Diethyl Ether	3.71	74	22462	19.910	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	62323	22.052	ug/l	100
10) Methyl Iodide	4.30	142	60828	20.082	ug/l	99
11) Tert butyl alcohol	5.23	59	20981m	172.515	ug/l	
12) 1,1-Dichloroethene	4.06	96	54863	21.105	ug/l	89
13) Acrolein	3.93	56	5154	66.156	ug/l #	81
14) Allyl chloride	4.71	41	53899	19.373	ug/l	95
15) Acrylonitrile	5.41	53	42835	102.714	ug/l	98
16) Acetone	4.16	43	37115	91.072	ug/l	98
17) Carbon Disulfide	4.41	76	163080	20.473	ug/l	100
18) Methyl Acetate	4.72	43	18251	21.672	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	104783	20.435	ug/l	96
20) Methylene Chloride	4.97	84	63462	22.045	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	63548	20.988	ug/l	93
22) Diisopropyl ether	6.36	45	113380	20.912	ug/l	97
23) Vinyl Acetate	6.30	43	291370	102.667	ug/l	99
24) 1,1-Dichloroethane	6.27	63	91498	20.629	ug/l	96
25) 2-Butanone	7.21	43	44843	102.979	ug/l	94
26) 2,2-Dichloropropane	7.21	77	101474	21.677	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	66427	21.137	ug/l	100
28) Bromochloromethane	7.55	49	30945	19.614	ug/l #	1
29) Tetrahydrofuran	7.57	42	26253	100.647	ug/l	94
30) Chloroform	7.71	83	113099	21.374	ug/l	100
31) Cyclohexane	7.99	56	80570	20.398	ug/l #	87
32) 1,1,1-Trichloroethane	7.91	97	113020	20.701	ug/l	98
36) 1,1-Dichloropropene	8.11	75	84355	21.924	ug/l	97
37) Ethyl Acetate	7.30	43	20635	20.657	ug/l	99
38) Carbon Tetrachloride	8.10	117	111510	22.306	ug/l	95

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Quant Time: Nov 11 00:22:36 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	97254	21.476	ug/l	97
40) Benzene	8.36	78	227931	21.869	ug/l	97
41) Methacrylonitrile	7.53	41	11324	18.965	ug/l	97
42) 1,2-Dichloroethane	8.43	62	67647	21.007	ug/l	97
43) Isopropyl Acetate	8.46	43	42658	21.593	ug/l	99
44) Trichloroethene	9.11	130	73743	21.519	ug/l	99
45) 1,2-Dichloropropane	9.38	63	49723	22.066	ug/l	91
46) Dibromomethane	9.48	93	30510	21.295	ug/l	99
47) Bromodichloromethane	9.67	83	83785	21.515	ug/l	97
48) Methyl methacrylate	9.46	41	19800	19.411	ug/l	89
49) 1,4-Dioxane	9.47	88	6731	462.771	ug/l #	89
51) 4-Methyl-2-Pentanone	10.23	43	102239	108.211	ug/l	99
52) Toluene	10.41	92	154936	22.194	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	72557	21.754	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	85874	21.671	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	43026	22.696	ug/l	97
56) Ethyl methacrylate	10.67	69	39536	20.196	ug/l	98
57) 1,3-Dichloropropane	10.95	76	65660	21.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	95813	104.953	ug/l	98
59) 2-Hexanone	10.99	43	71304	107.936	ug/l	98
60) Dibromochloromethane	11.14	129	61150	21.806	ug/l	99
61) 1,2-Dibromoethane	11.25	107	39883	20.962	ug/l	98
64) Tetrachloroethene	10.88	164	65886	21.822	ug/l	99
65) Chlorobenzene	11.67	112	168491	21.456	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.75	131	65719	21.233	ug/l	96
67) Ethyl Benzene	11.75	91	296858	22.091	ug/l	97
68) m/p-Xylenes	11.86	106	232264	44.427	ug/l	99
69) o-Xylene	12.18	106	106517	22.820	ug/l	95
70) Styrene	12.20	104	180409	22.181	ug/l	98
71) Bromoform	12.37	173	34809	22.051	ug/l #	99
73) Isopropylbenzene	12.48	105	289847	21.930	ug/l	99
74) N-amyl acetate	12.30	43	38029	21.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	38610	21.423	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	26141m	21.189	ug/l	
77) Bromobenzene	12.77	156	69126	21.297	ug/l	97
78) n-propylbenzene	12.83	91	341967	22.620	ug/l	100
79) 2-Chlorotoluene	12.91	91	193074	22.483	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	259018	22.941	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12338	20.304	ug/l	95
82) 4-Chlorotoluene	13.01	91	209133	22.707	ug/l	99
83) tert-Butylbenzene	13.23	119	221655	23.164	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	254816	22.673	ug/l	97
85) sec-Butylbenzene	13.40	105	295070	22.843	ug/l	99
86) p-Isopropyltoluene	13.52	119	283421	22.721	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	141553	22.855	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	136102	21.702	ug/l	97
89) n-Butylbenzene	13.85	91	238595	22.144	ug/l	99
90) Hexachloroethane	14.11	117	52138	22.195	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	120434	22.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7427	23.275	ug/l	95

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ClientSampleId :
VD1110SBSD01

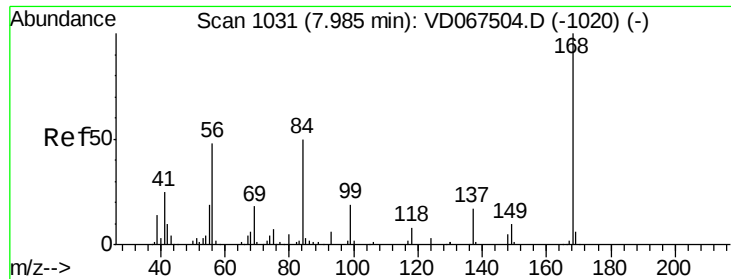
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82108	22.568	ug/l	98
94) Hexachlorobutadiene	15.27	225	55247	22.689	ug/l	97
95) Naphthalene	15.41	128	121839	21.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	68081	21.852	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion:168 Resp: 311456

Ion Ratio Lower Upper

168 100

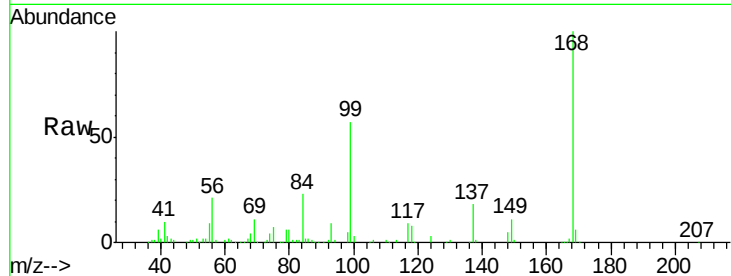
99 56.8 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

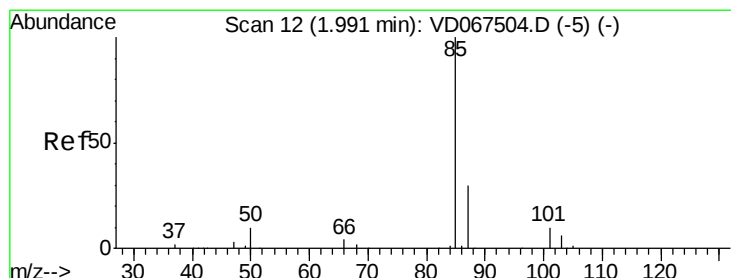
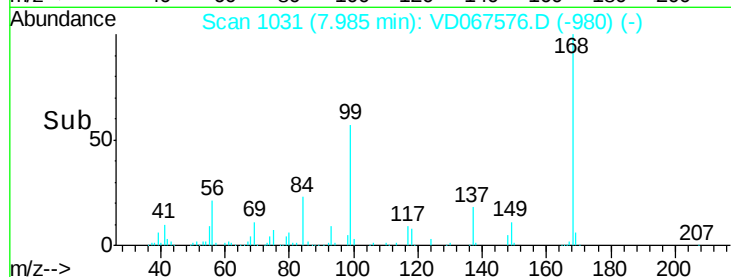
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.520 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067576.D

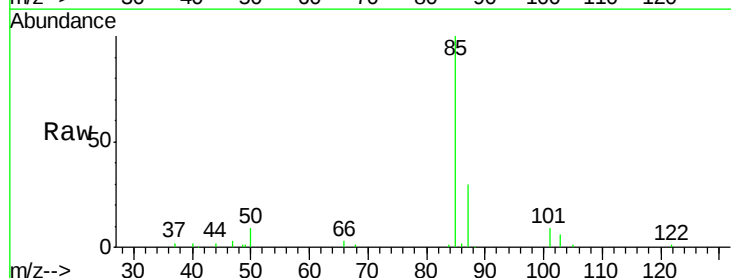
Acq: 10 Nov 2020 12:21

Tgt Ion: 85 Resp: 63079

Ion Ratio Lower Upper

85 100

87 29.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

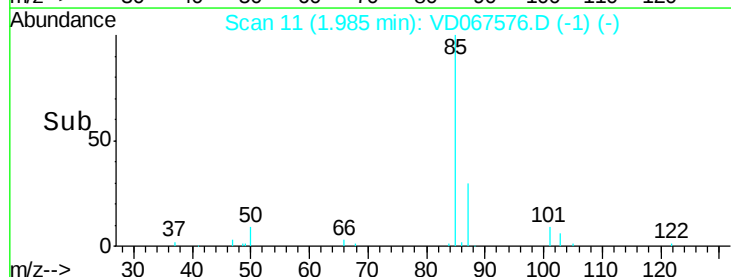
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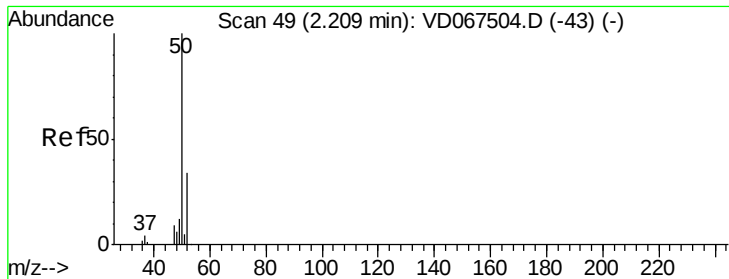
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0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.261 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 50 Resp: 39296

Ion Ratio Lower Upper

50 100

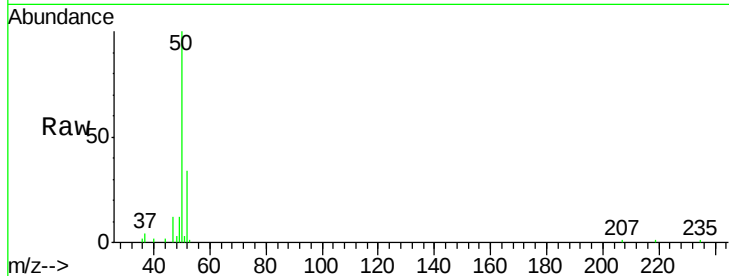
52 33.8 27.3 40.9

Manual Integrations

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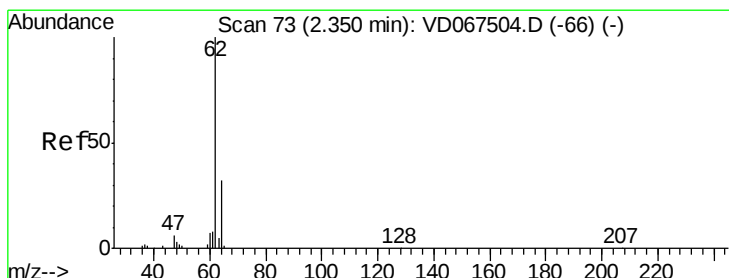
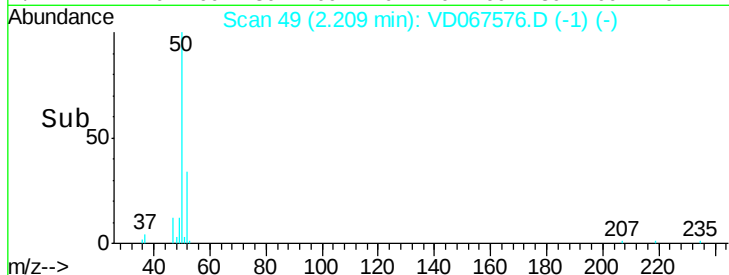
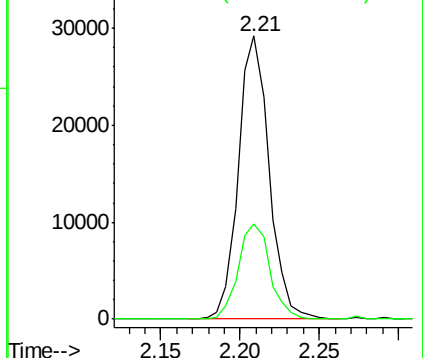
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.572 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067576.D

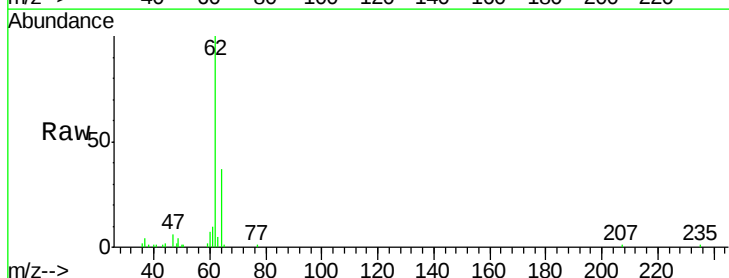
Acq: 10 Nov 2020 12:21

Tgt Ion: 62 Resp: 42322

Ion Ratio Lower Upper

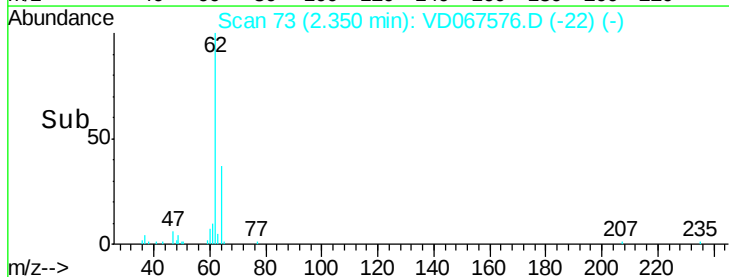
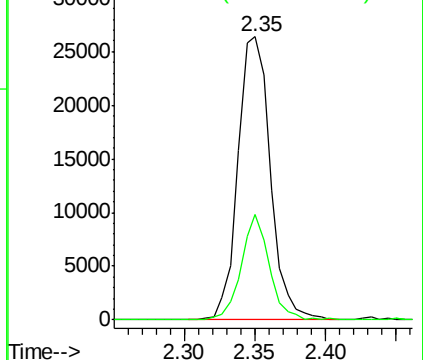
62 100

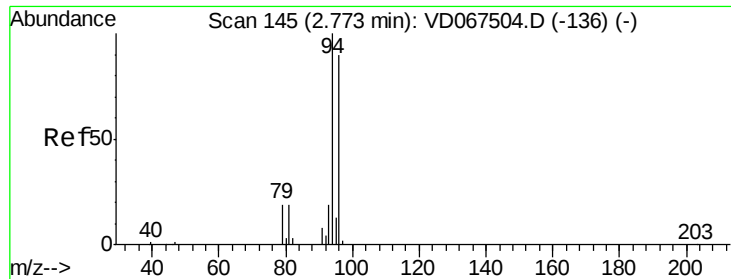
64 37.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.532 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 94 Resp: 34232

Ion Ratio Lower Upper

94 100

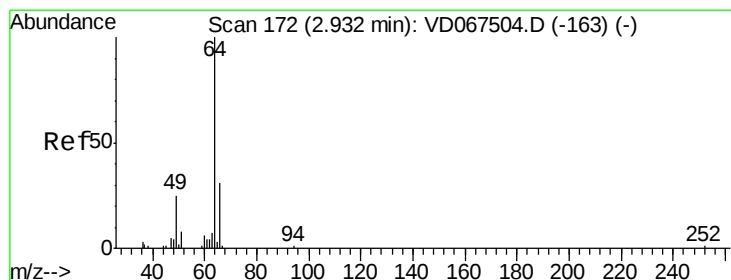
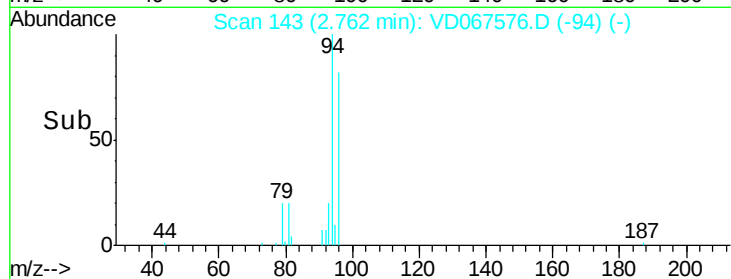
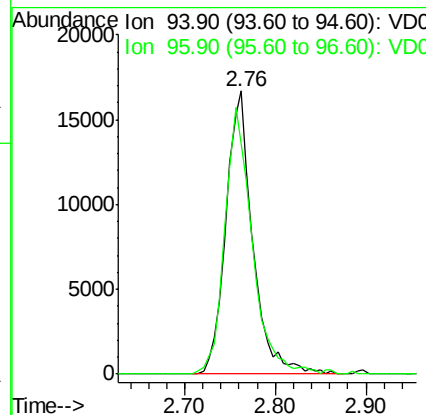
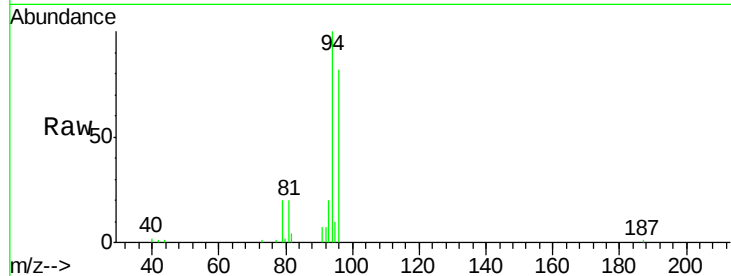
96 81.7 72.2 108.2

Manual Integrations

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#6

Chloroethane

Concen: 18.900 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067576.D

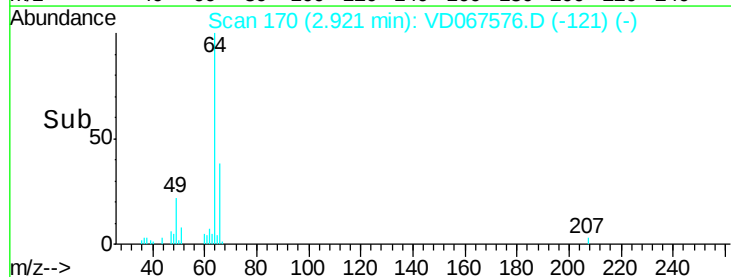
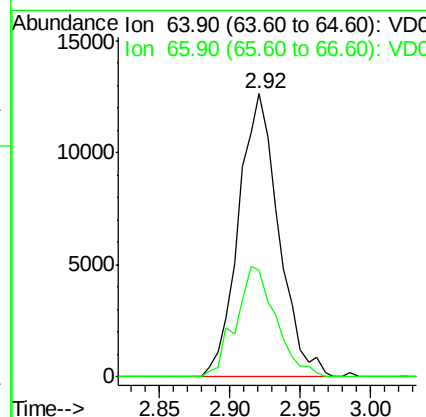
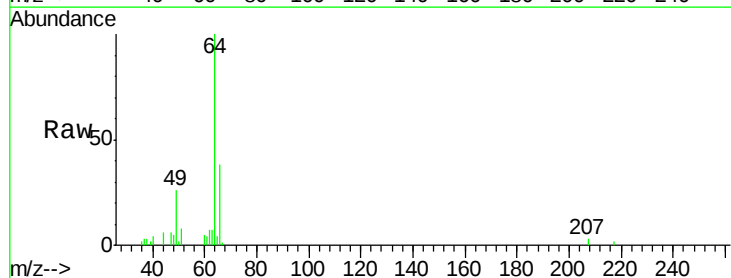
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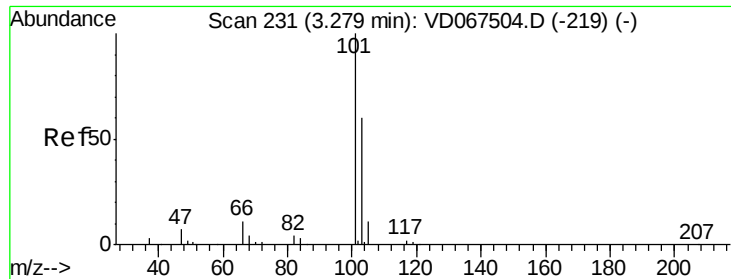
Tgt Ion: 64 Resp: 25196

Ion Ratio Lower Upper

64 100

66 37.7 24.6 36.8#





#7

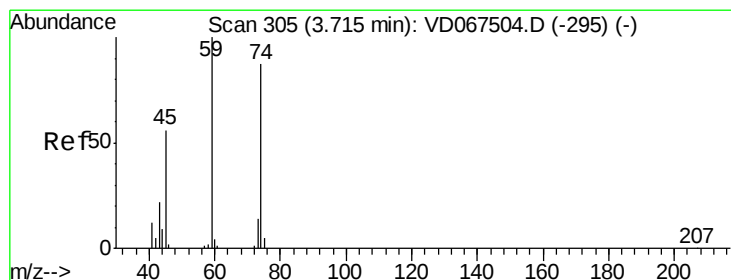
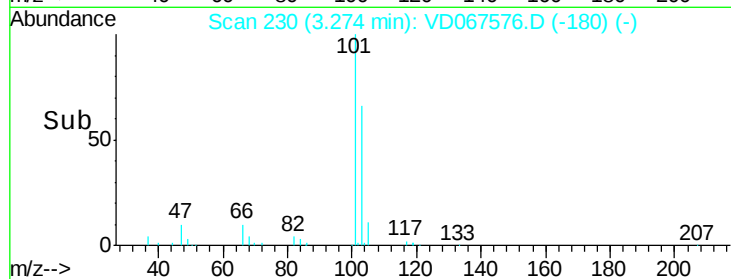
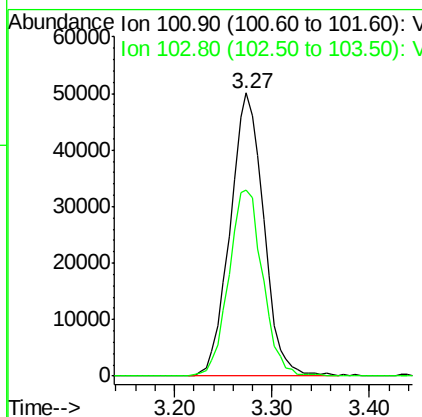
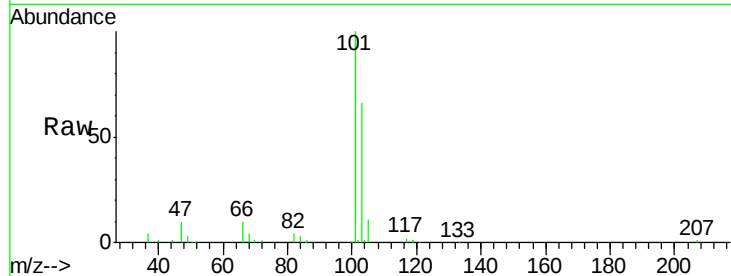
Trichlorofluoromethane
 Concen: 21.471 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

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 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	48.1	72.1

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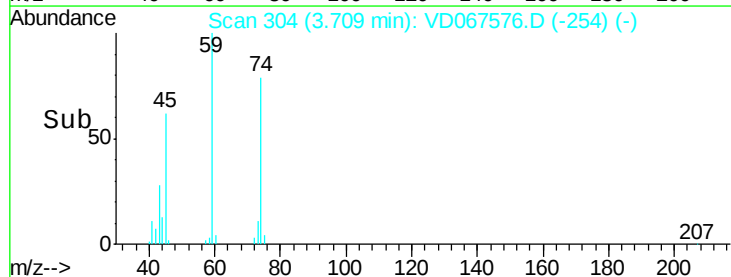
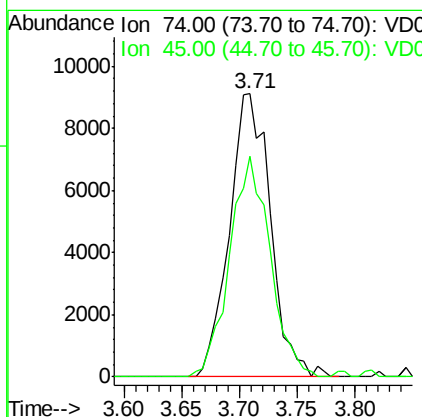
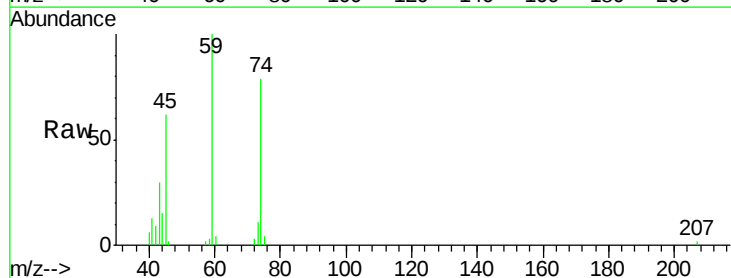
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 11/11/2020 1:04:12 PM

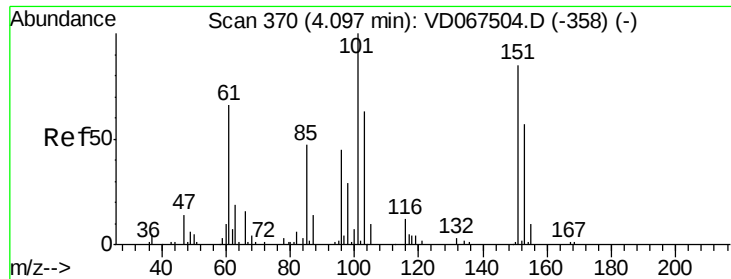


#8

Diethyl Ether
 Concen: 19.910 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.1	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.052 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

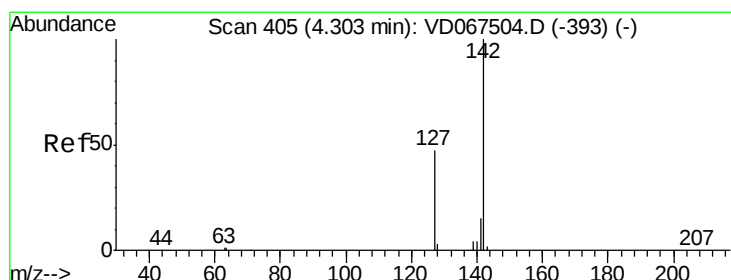
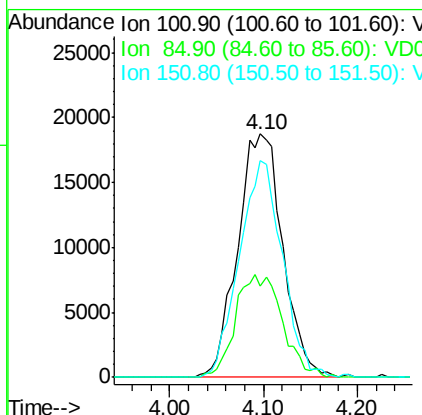
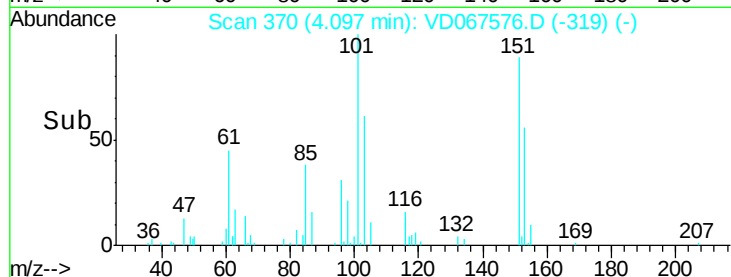
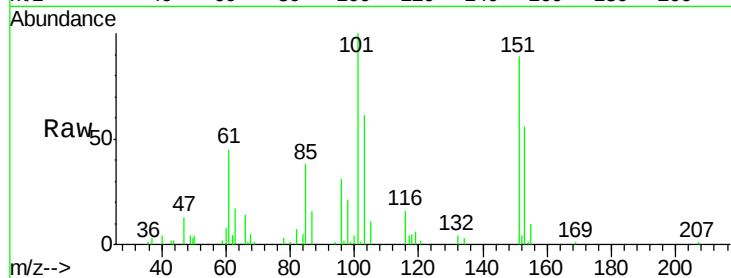
ClientSampleId :

VD1110SBS01

Tot Ion:	101	Resp:	62323
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.4	51.6
151	85.1	68.1	102.1

Manual Integrations
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#10

Methyl Iodide

Concen: 20.082 ug/l

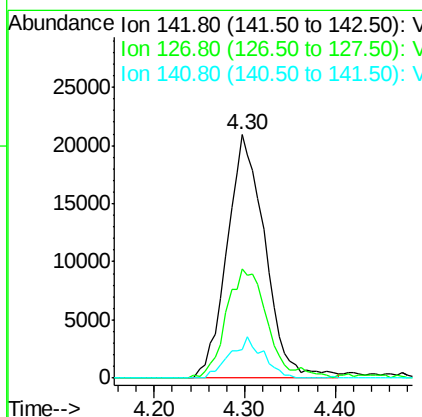
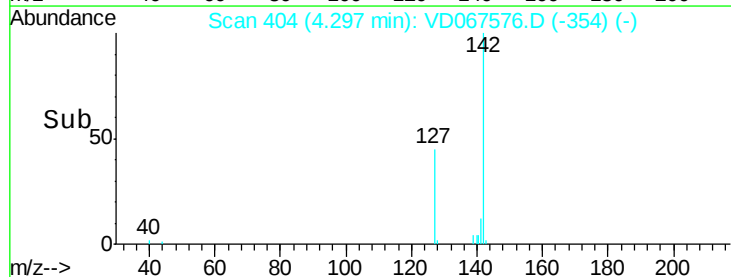
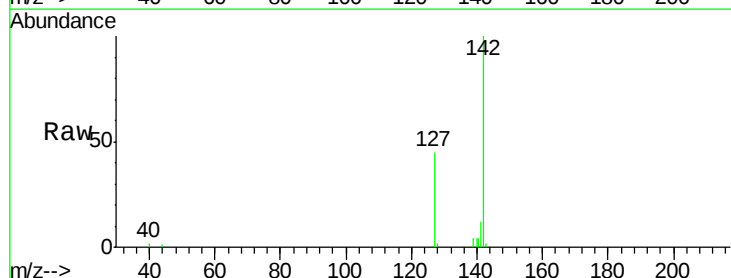
RT: 4.30 min Scan# 404

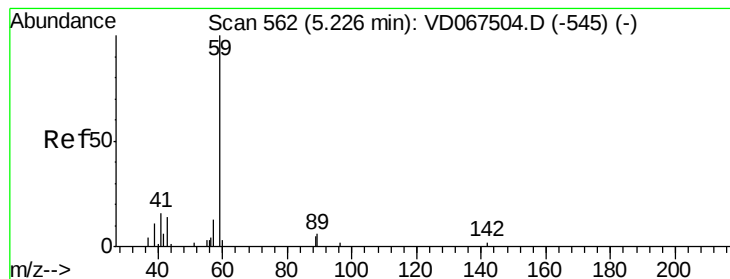
Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion:	142	Resp:	60828
Ion Ratio	Lower	Upper	
142	100		
127	48.7	40.0	60.0
141	14.6	11.7	17.5





#11

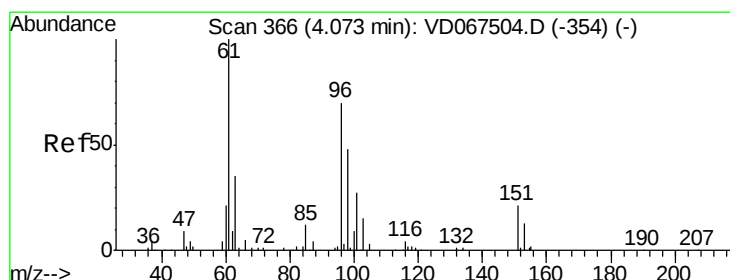
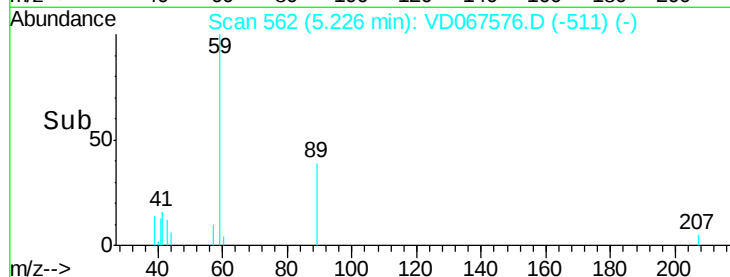
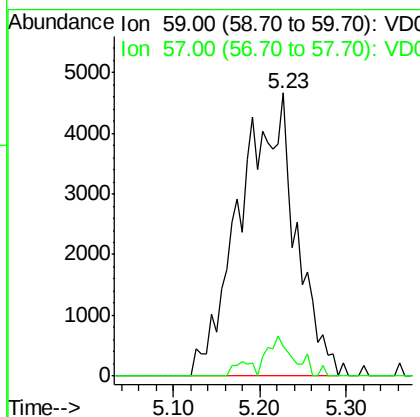
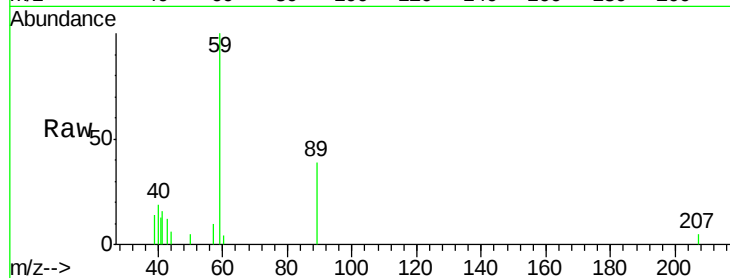
Tert butyl alcohol
 Concen: 172.515 ug/l m
 RT: 5.23 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	20981		
57	57	0.0		5.9	8.9#

Manual Integrations
 APPROVED

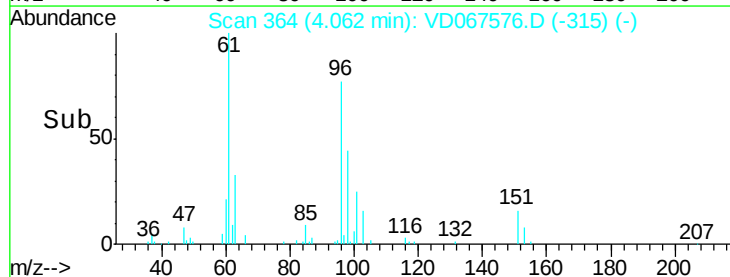
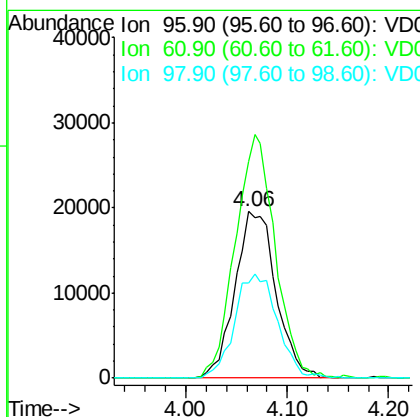
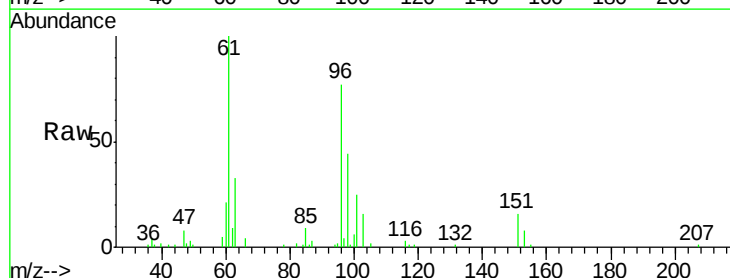
MMDadoda
 11/11/2020 1:04:12 PM

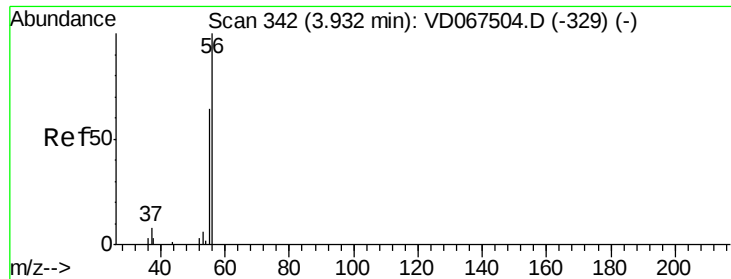


#12

1,1-Dichloroethene
 Concen: 21.105 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	54863		
61	61	130.7		114.5	171.7
98	98	57.6		54.5	81.7





#13

Acrolein

Concen: 66.156 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 56 Resp: 5154

Ion Ratio Lower Upper

56 100

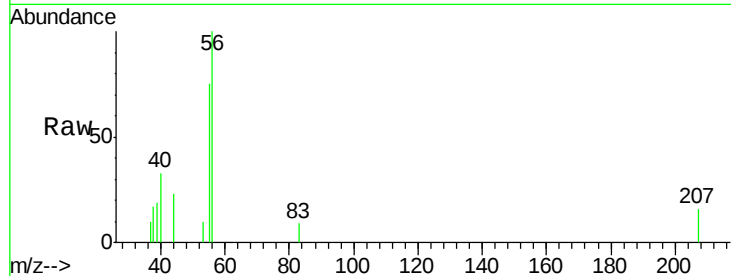
55 85.6 55.8 83.8#

Manual Integrations

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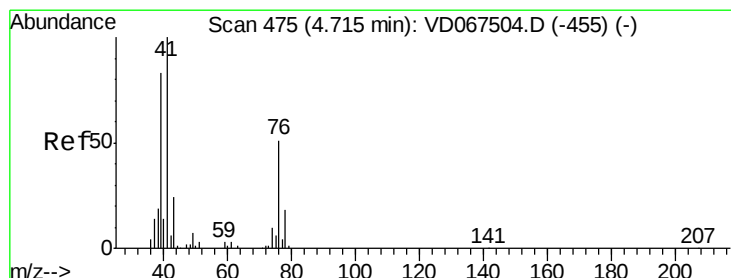
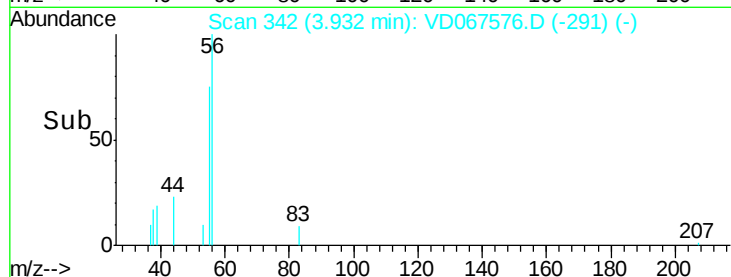
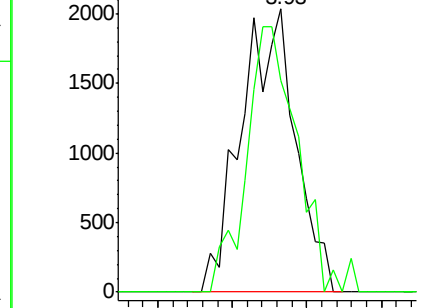
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.373 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

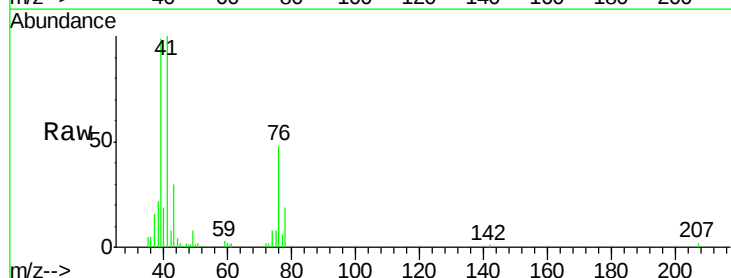
Tgt Ion: 41 Resp: 53899

Ion Ratio Lower Upper

41 100

39 90.1 67.4 101.0

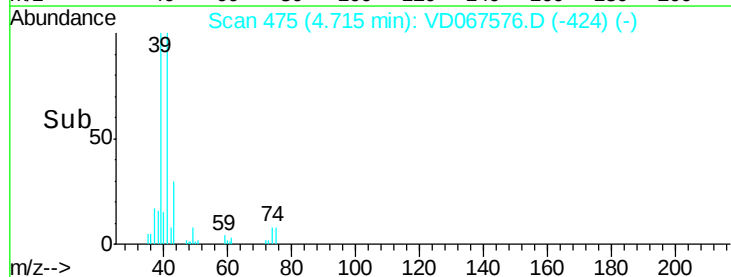
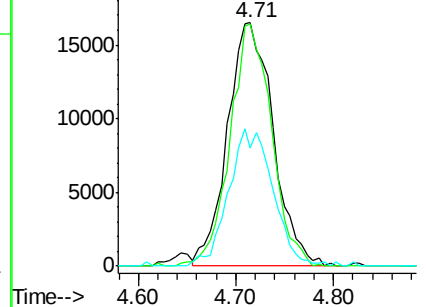
76 54.7 42.2 63.2

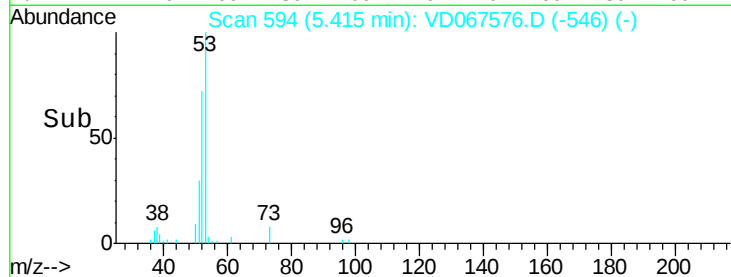
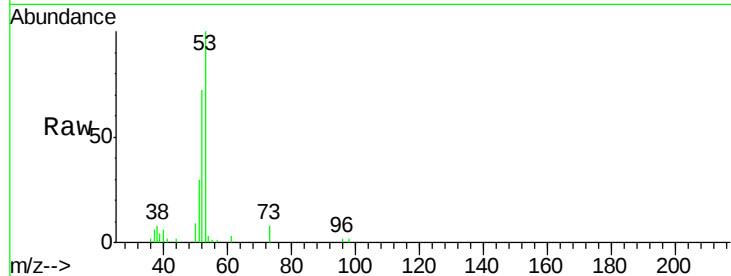
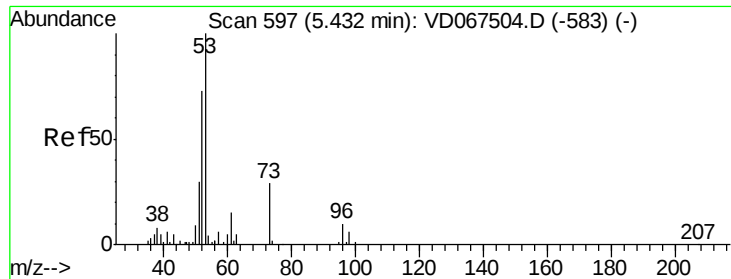


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





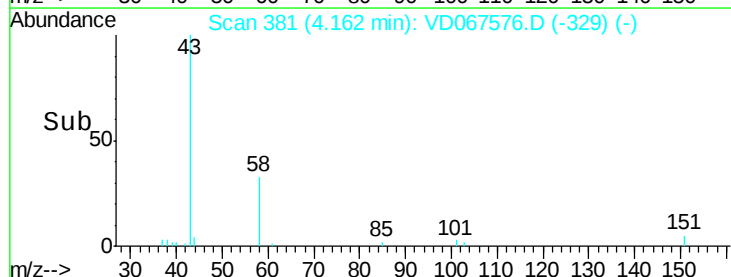
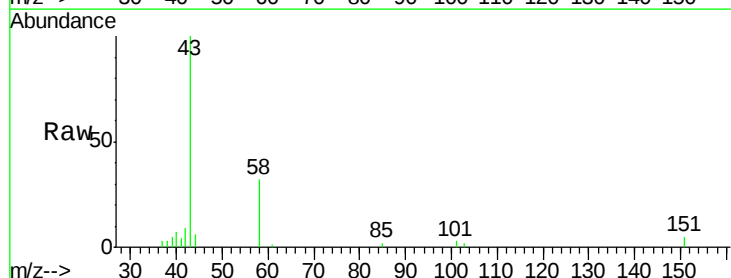
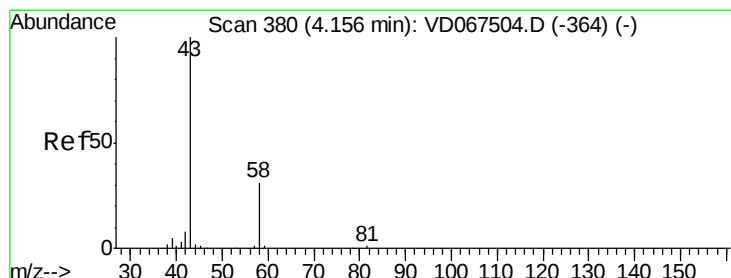
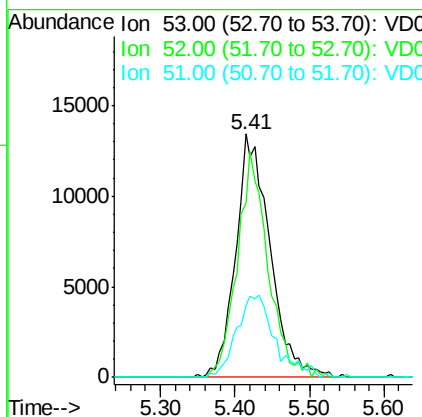
#15
Acrylonitrile
Concen: 102.714 ug/l
RT: 5.41 min Scan# 594
Delta R.T. -0.02 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.3	64.8	97.2
51	37.9	29.5	44.3

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

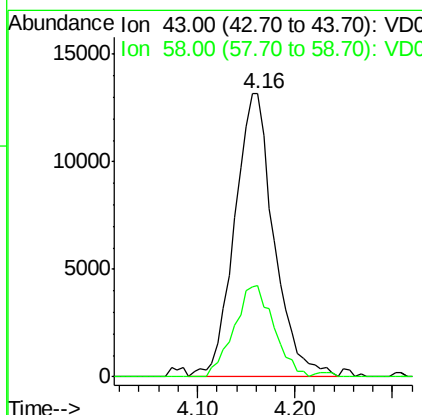
Manual Integrations
APPROVED

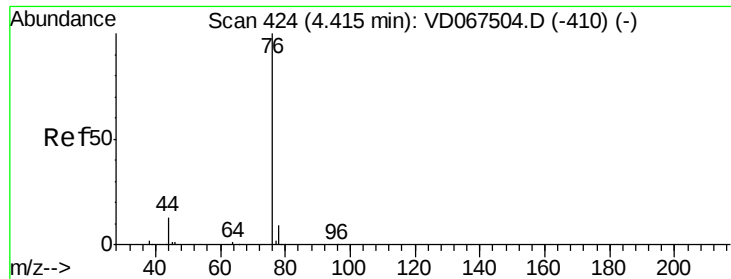
MMDadoda
11/11/2020 1:04:12 PM



#16
Acetone
Concen: 91.072 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.2	37.8





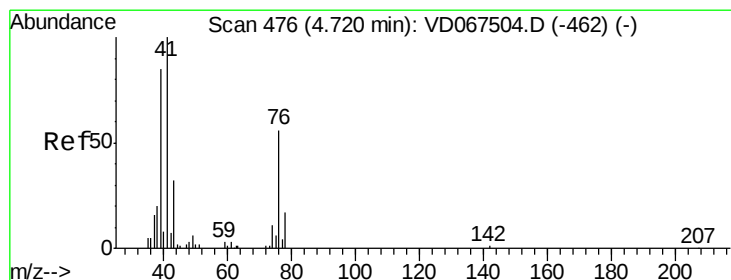
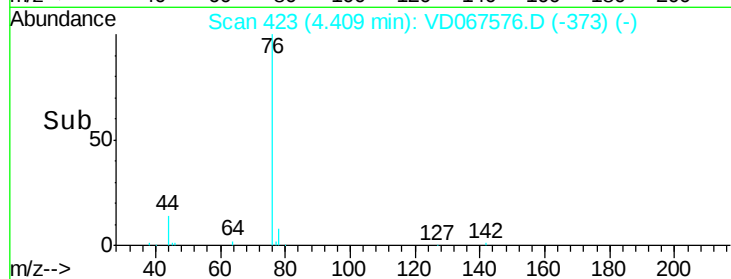
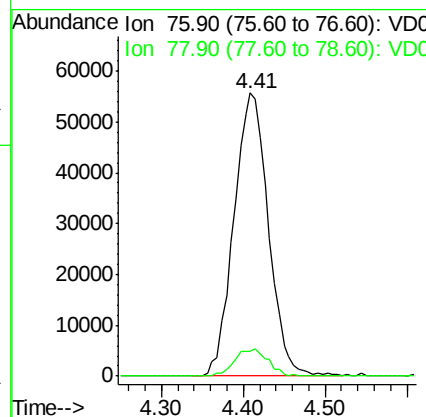
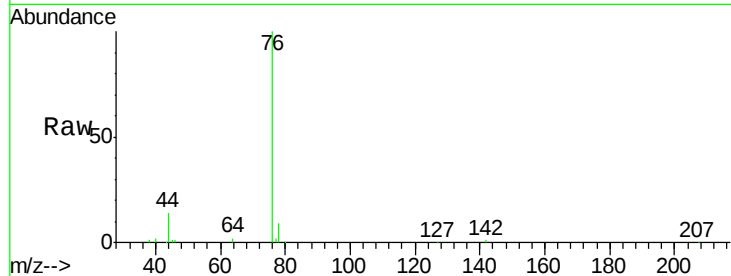
#17
Carbon Disulfide
Concen: 20.473 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 76 Resp: 163080
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

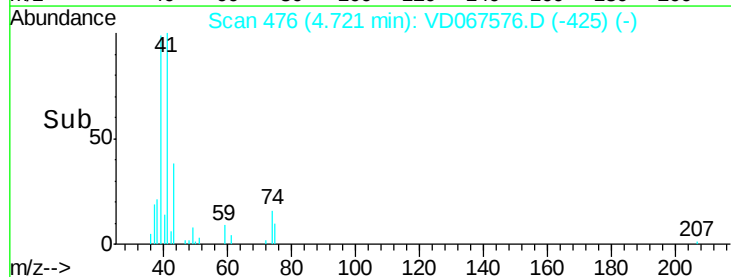
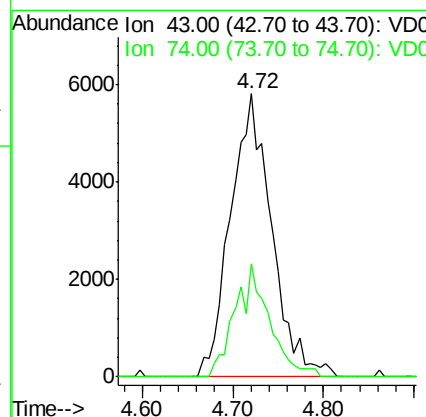
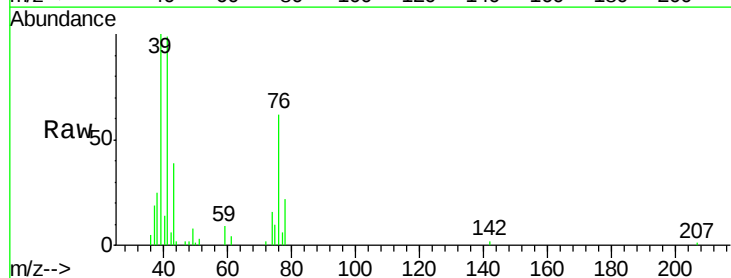
Manual Integrations
APPROVED

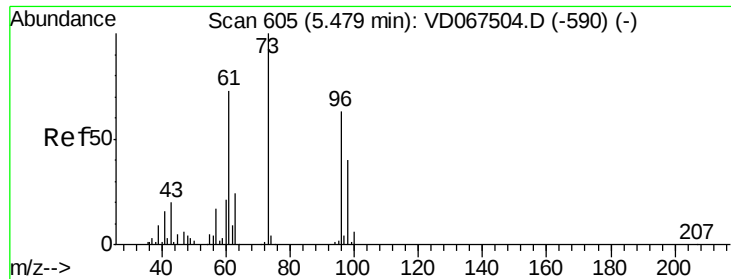
MMDadoda
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#18
Methyl Acetate
Concen: 21.672 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 43 Resp: 18251
Ion Ratio Lower Upper
43 100
74 33.4 27.2 40.8





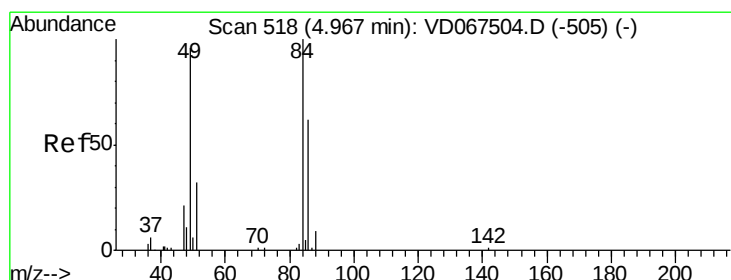
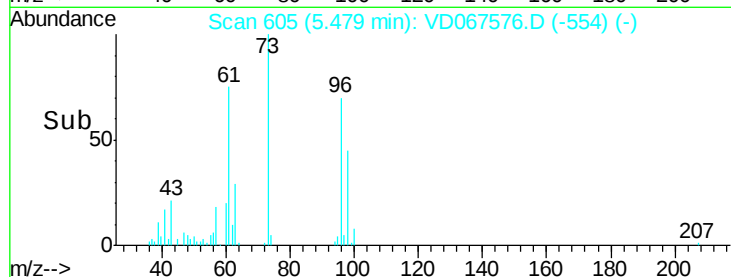
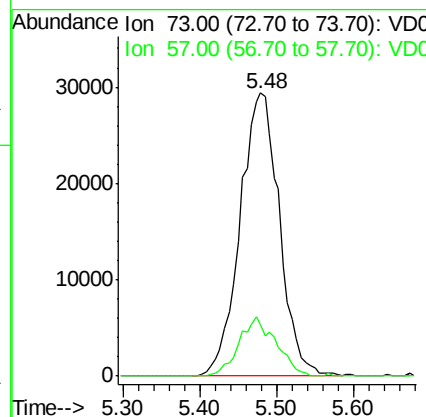
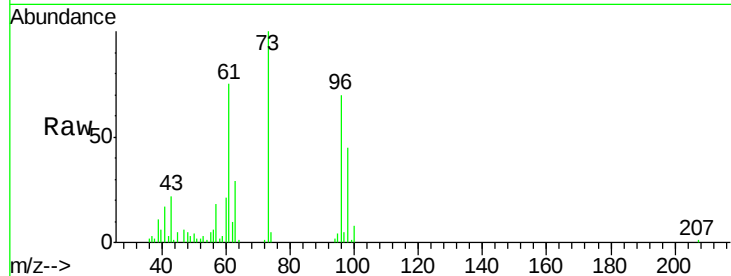
#19
Methyl tert-butyl Ether
Concen: 20.435 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 73 Resp: 104783
Ion Ratio Lower Upper
73 100
57 18.4 13.4 20.0

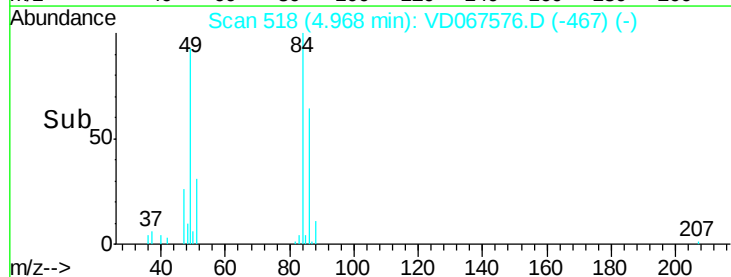
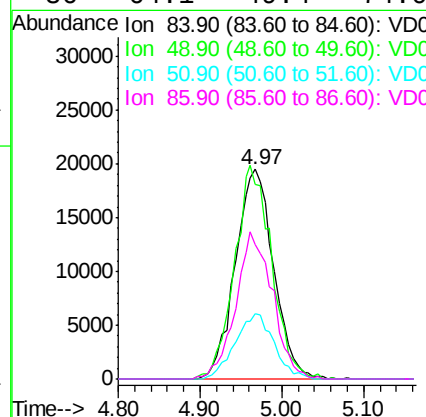
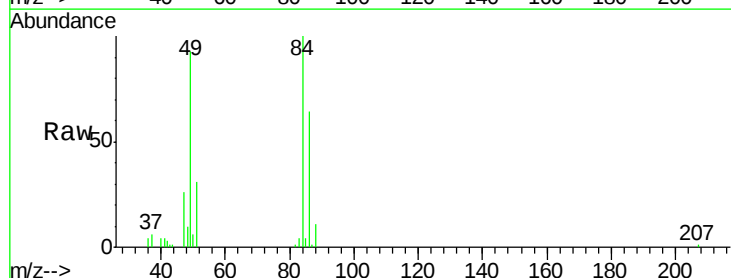
Manual Integrations
APPROVED

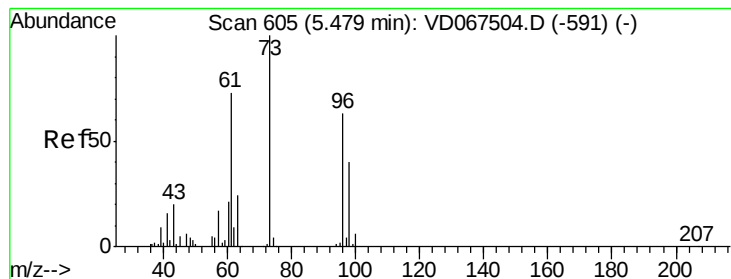
MMDadoda
11/11/2020 1:04:12 PM



#20
Methylene Chloride
Concen: 22.045 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 84 Resp: 63462
Ion Ratio Lower Upper
84 100
49 92.8 77.0 115.4
51 31.4 25.4 38.2
86 64.1 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.988 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

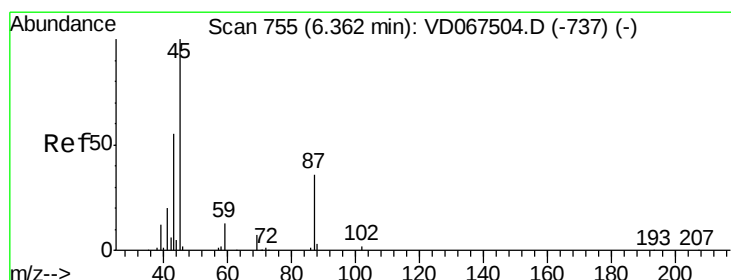
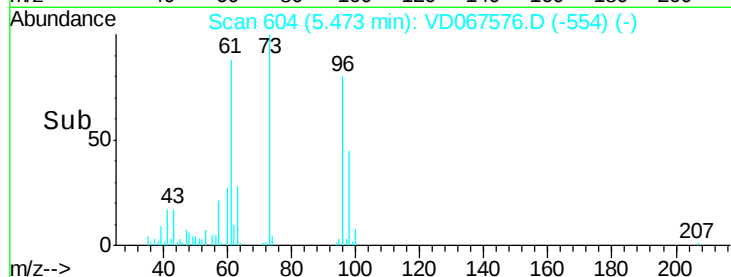
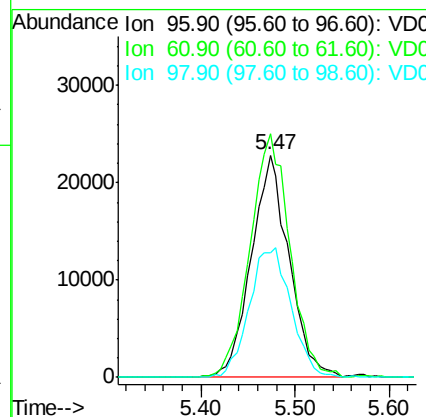
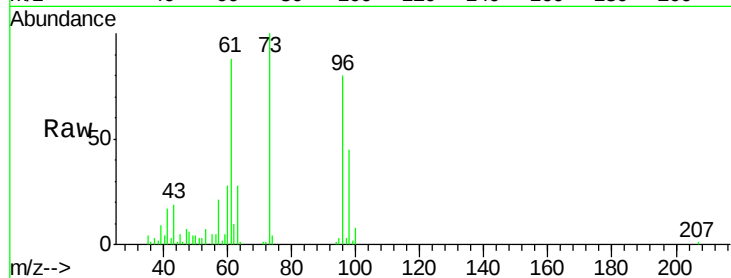
ClientSampleId :

VD1110SBS01

Tot Ion:	96	Resp:	63548
Ion	Ratio	Lower	Upper
96	100		
61	109.7	93.0	139.6
98	56.3	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.912 ug/l

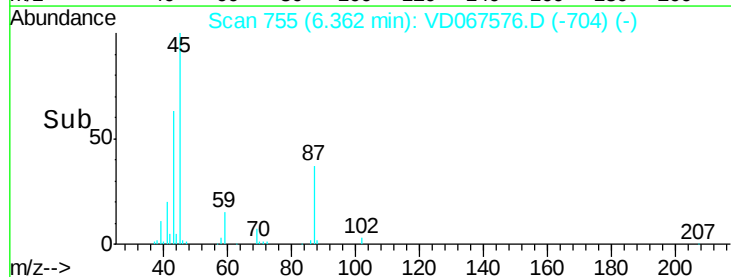
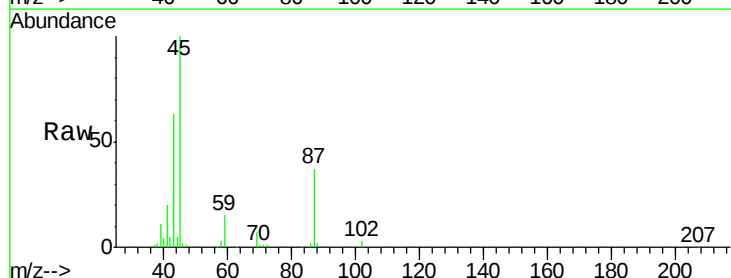
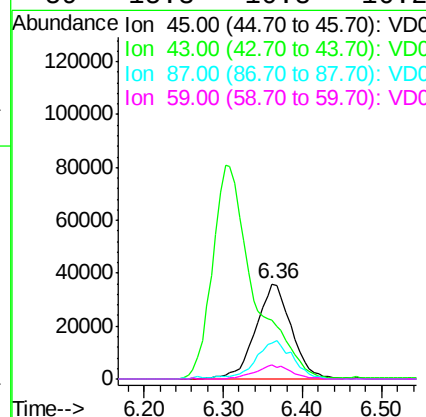
RT: 6.36 min Scan# 755

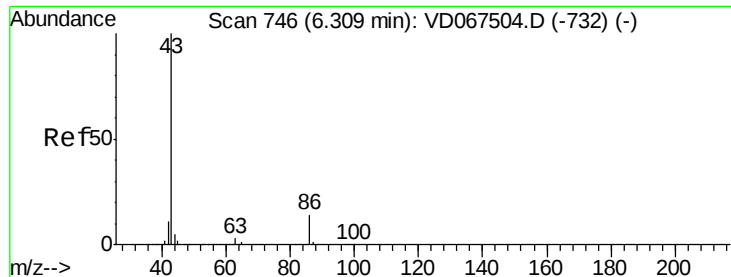
Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion:	45	Resp:	113380
Ion	Ratio	Lower	Upper
45	100		
43	60.6	46.2	69.4
87	37.4	29.4	44.2
59	15.3	10.8	16.2





#23

Vinyl Acetate

Concen: 102.667 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 43 Resp: 291370

Ion Ratio Lower Upper

43 100

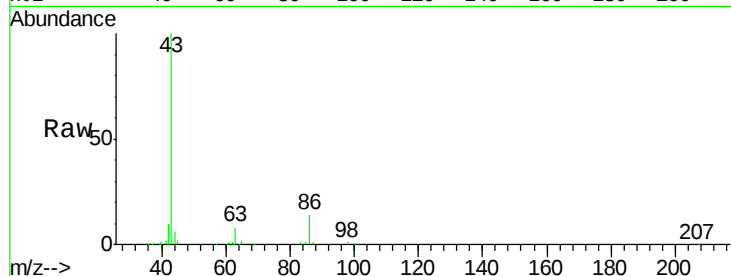
86 14.1 11.6 17.4

Manual Integrations

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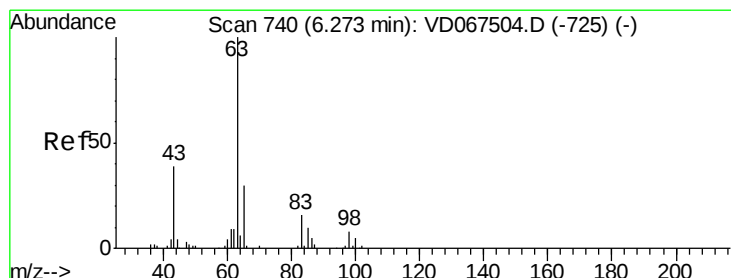
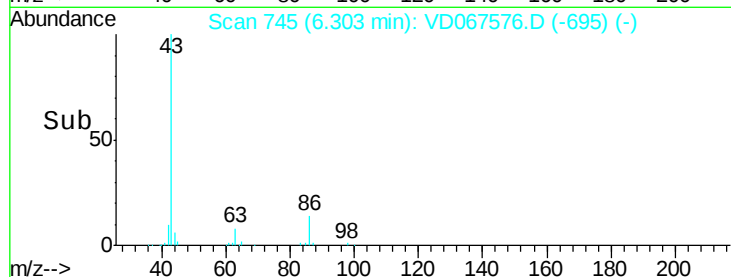
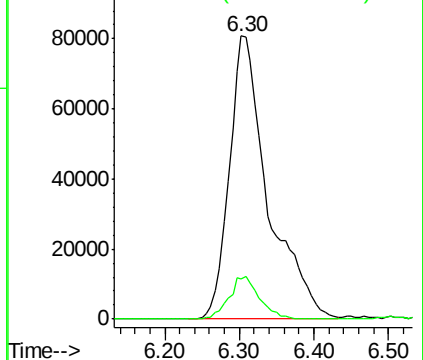
MMDadoda

11/11/2020 1:04:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.629 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

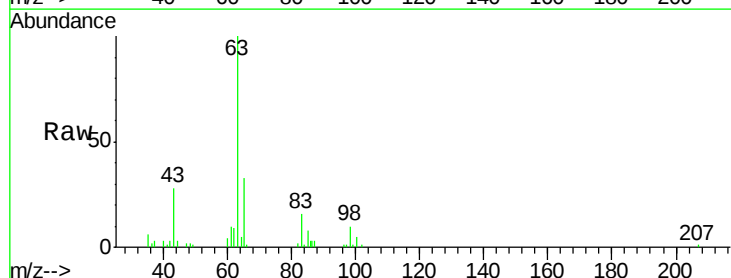
Tgt Ion: 63 Resp: 91498

Ion Ratio Lower Upper

63 100

98 9.8 3.9 11.5

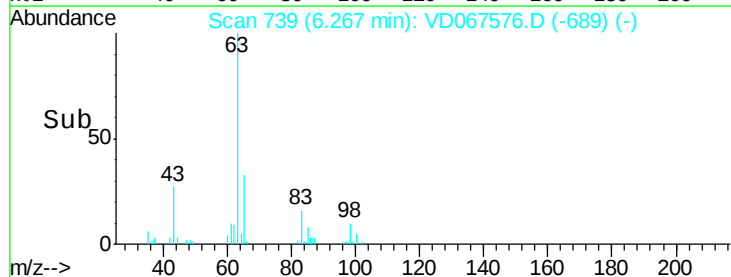
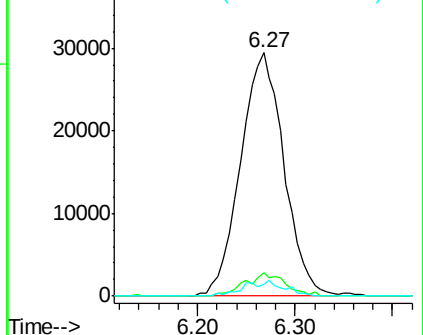
100 4.9 2.6 7.8

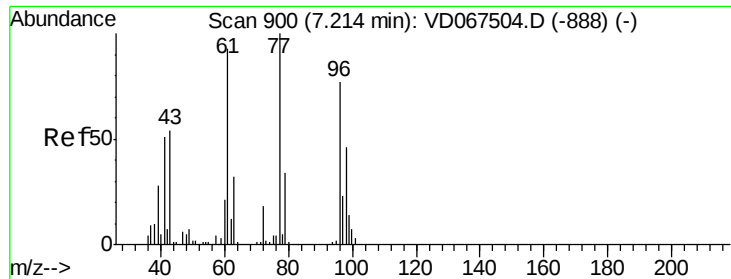


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





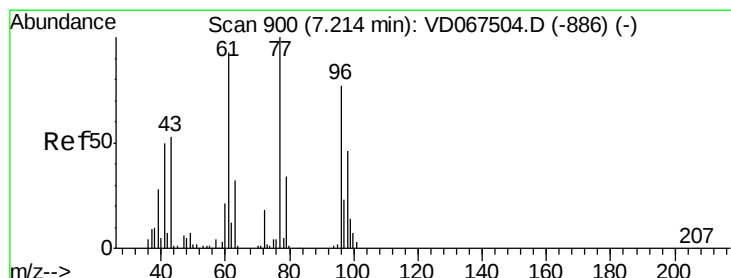
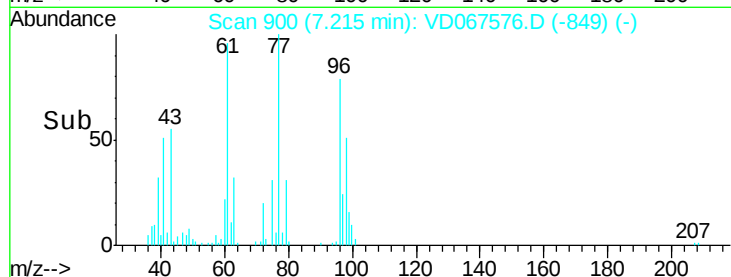
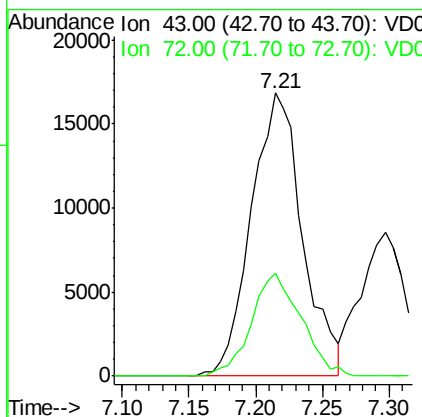
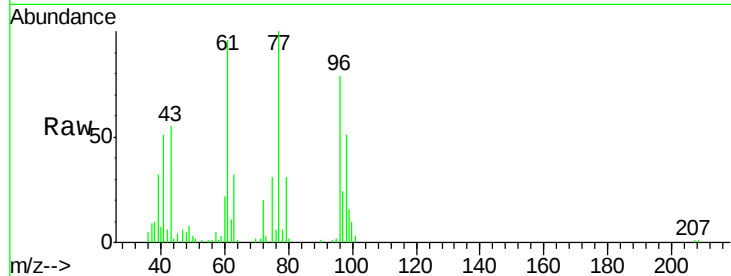
#25
2-Butanone
Concen: 102.979 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 43 Resp: 44843
Ion Ratio Lower Upper
43 100
72 36.2 26.4 39.6

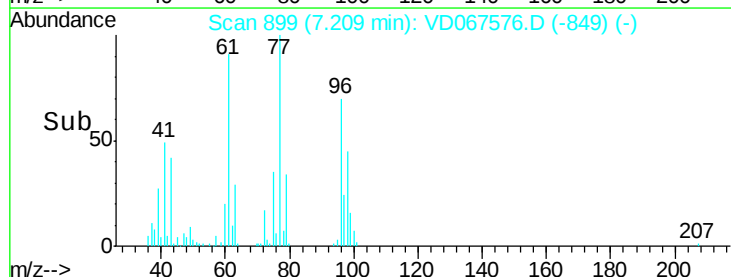
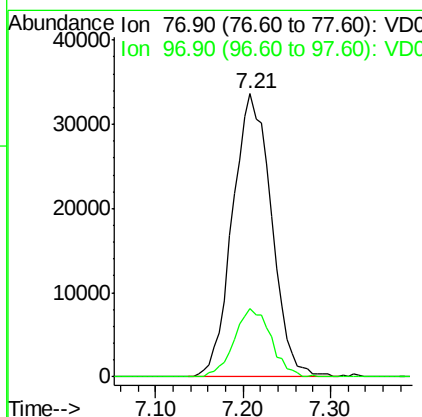
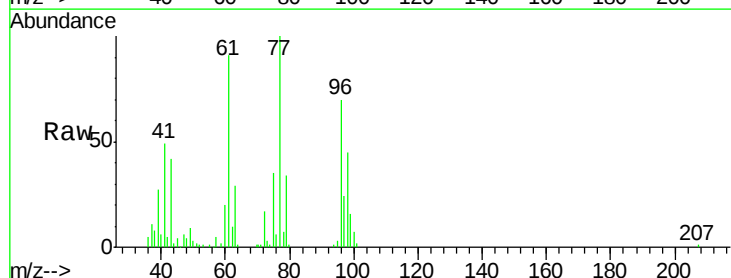
Manual Integrations
APPROVED

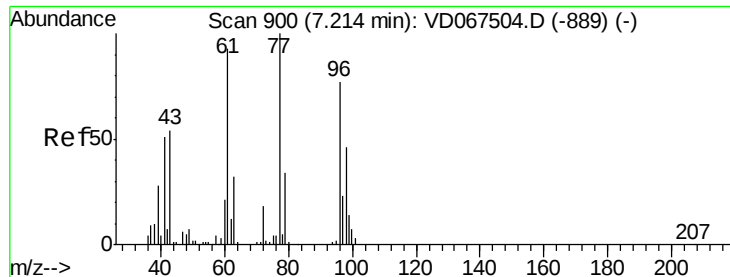
MMDadoda
11/11/2020 1:04:12 PM



#26
2,2-Dichloropropane
Concen: 21.677 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 77 Resp: 101474
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.3





#27

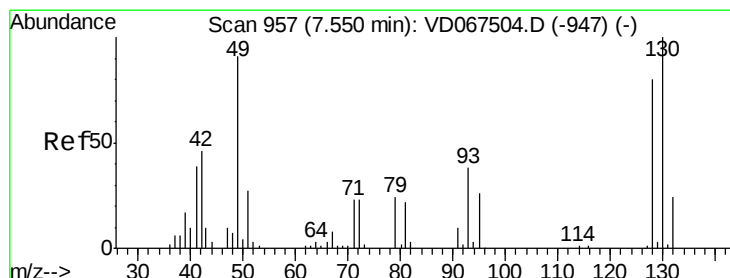
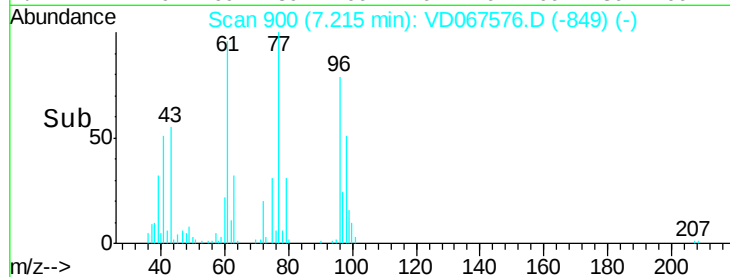
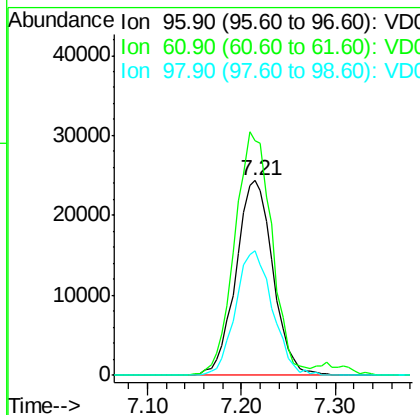
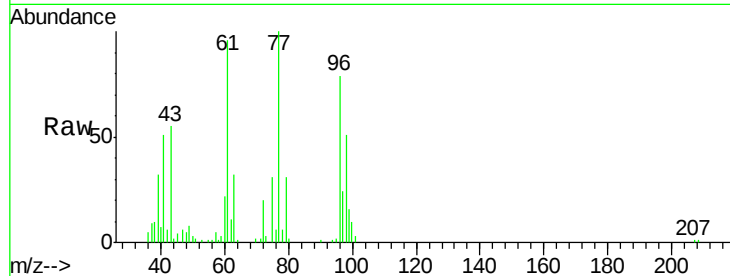
cis-1,2-Dichloroethene
Concen: 21.137 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	251.6
98	63.6	0.0	128.0

Manual Integrations
APPROVED

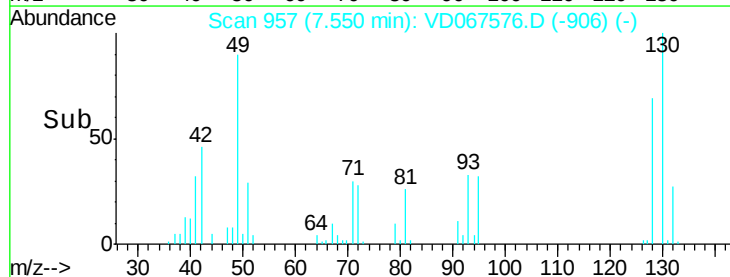
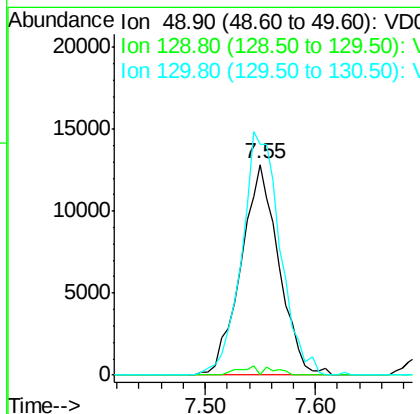
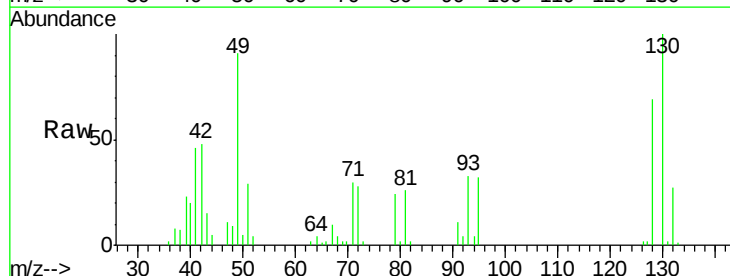
MMDadoda
11/11/2020 1:04:12 PM

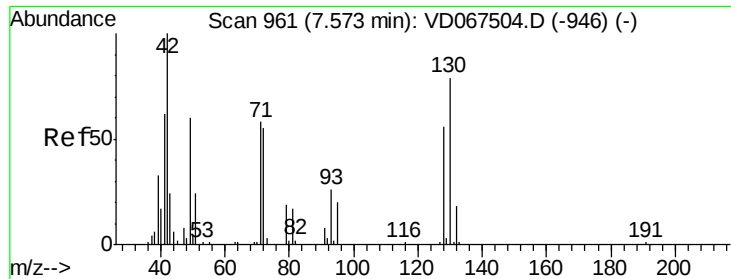


#28

Bromochloromethane
Concen: 19.614 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	6.4
130	0.0	94.6	142.0#





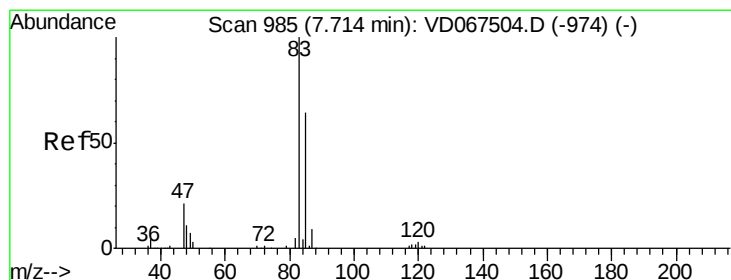
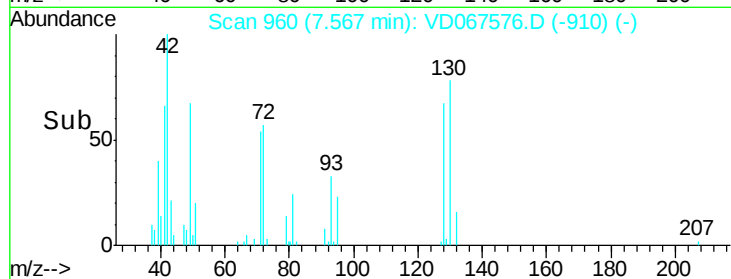
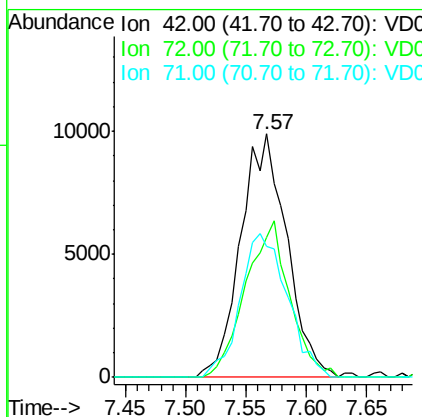
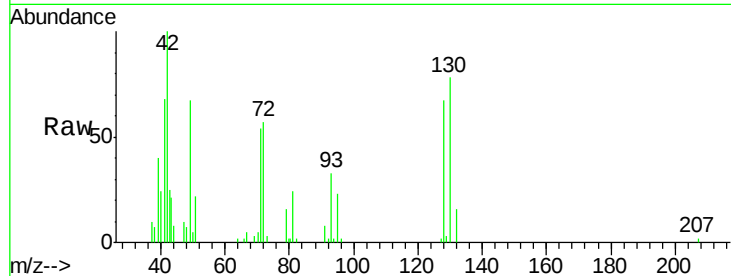
#29
Tetrahydrofuran
Concen: 100.647 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.5	46.3	69.5
71	60.4	44.0	66.0

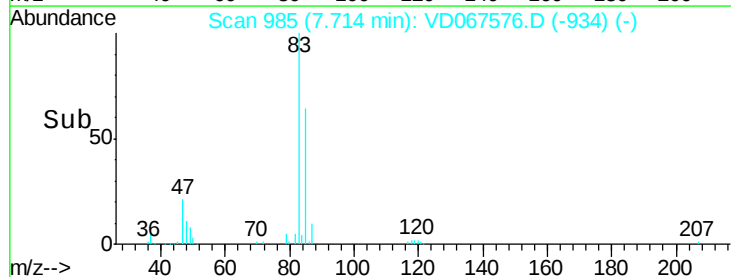
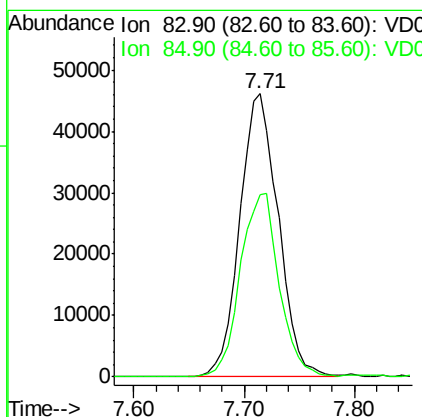
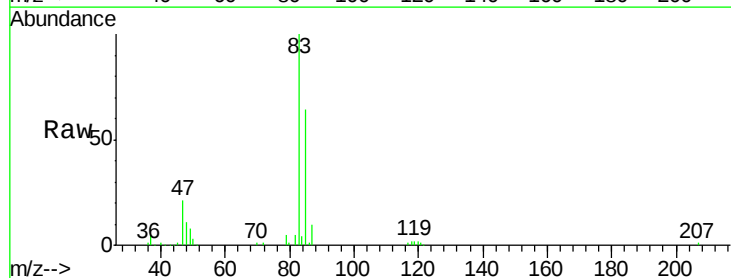
Manual Integrations
APPROVED

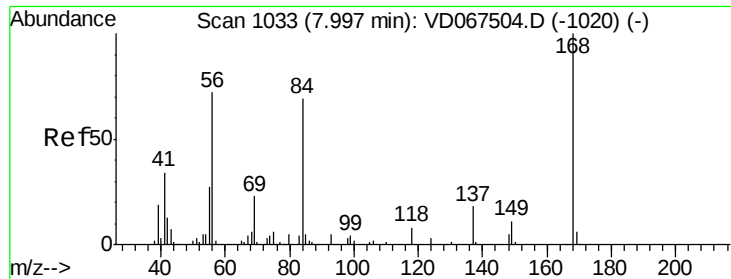
MMDadoda
11/11/2020 1:04:12 PM



#30
Chloroform
Concen: 21.374 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





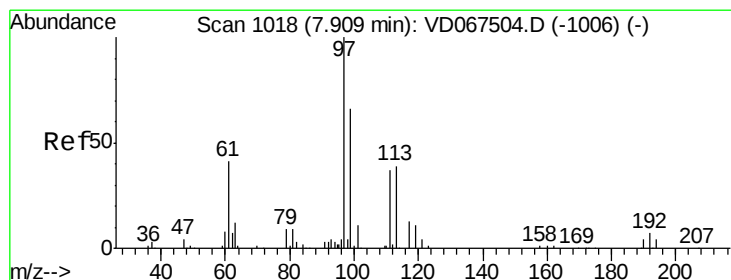
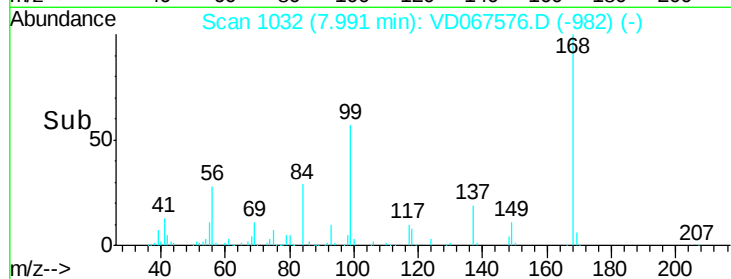
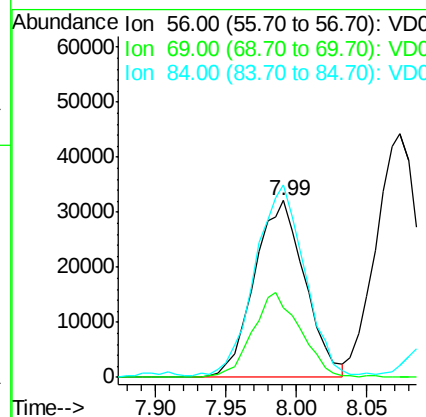
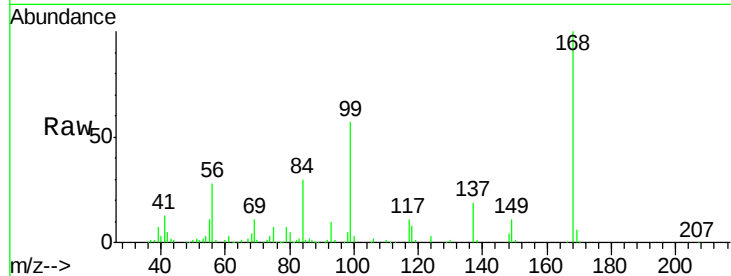
#31
Cyclohexane
Concen: 20.398 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.4	25.9	38.9#
84	107.9	76.2	114.4

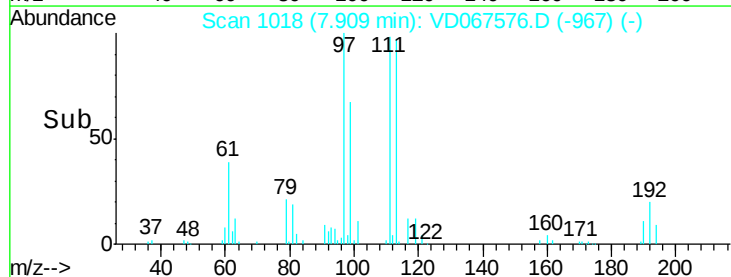
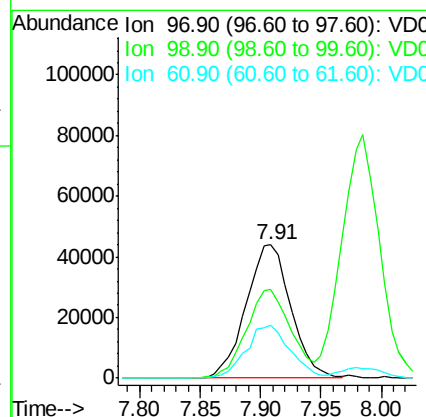
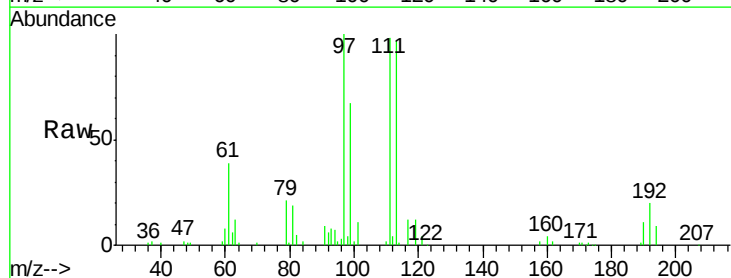
Manual Integrations
APPROVED

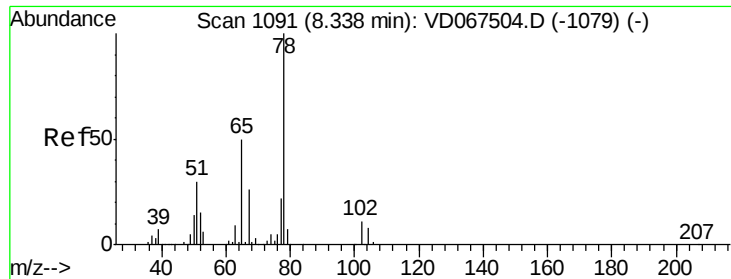
MMDadoda
11/11/2020 1:04:12 PM



#32
1,1,1-Trichloroethane
Concen: 20.701 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.8	77.6
61	38.8	30.5	45.7





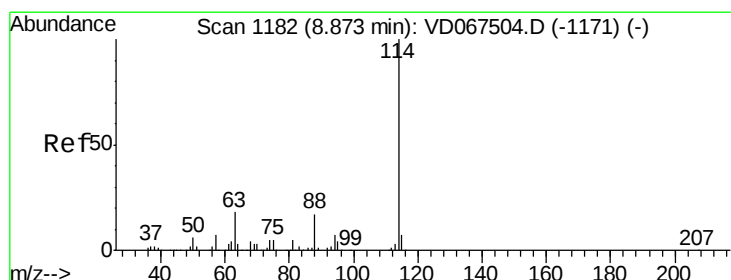
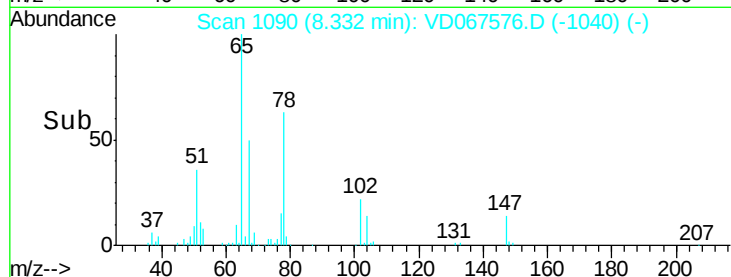
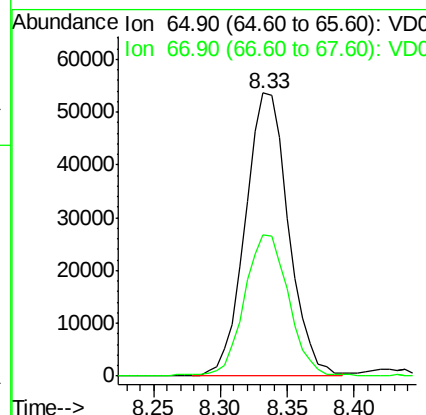
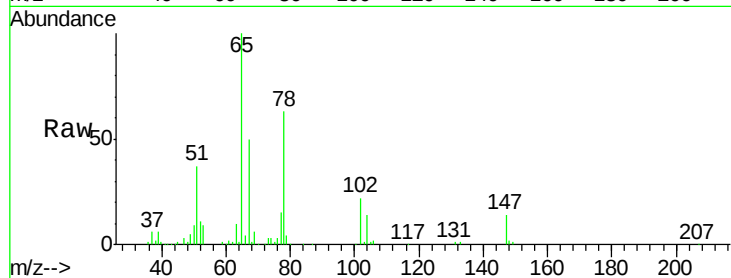
#33
 1,2-Dichloroethane-d4
 Concen: 44.106 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120115		
67	51.1	0.0	99.4	

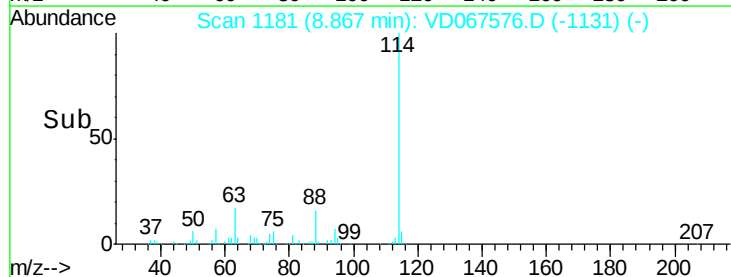
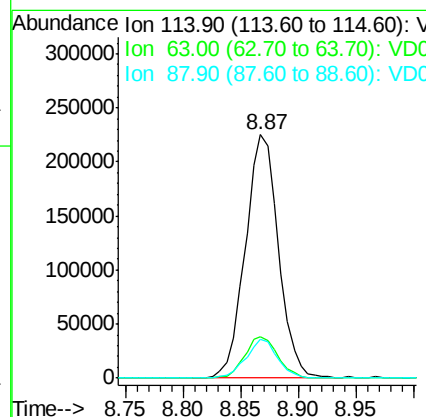
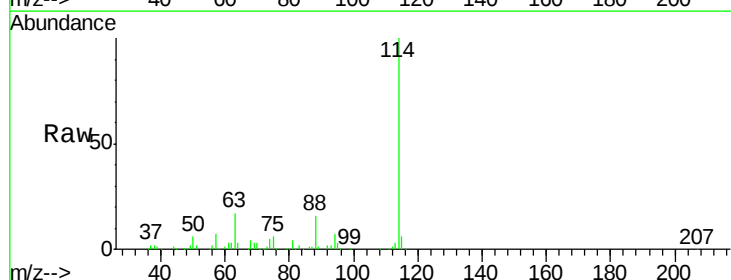
Manual Integrations
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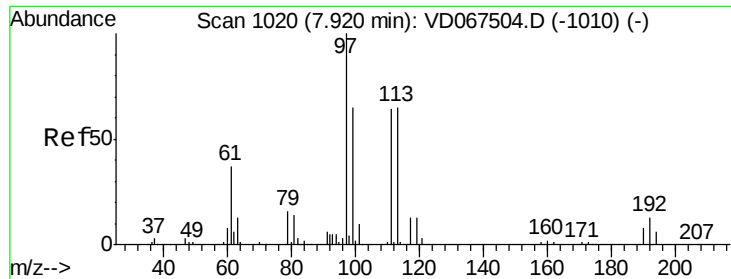
MMDadoda
 11/11/2020 1:04:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	449499		
63	16.9	0.0	35.0	
88	15.9	0.0	33.0	





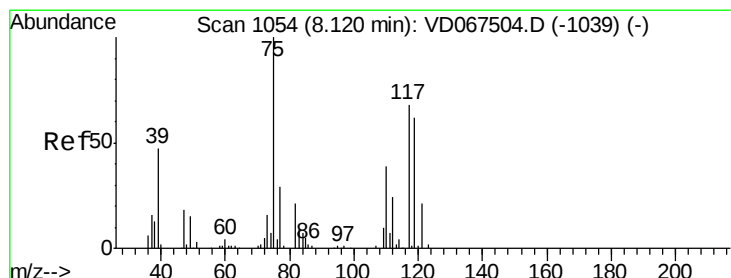
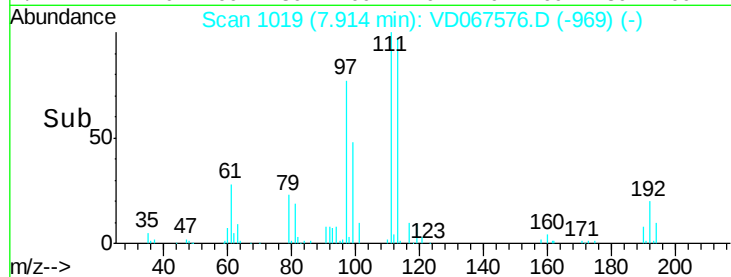
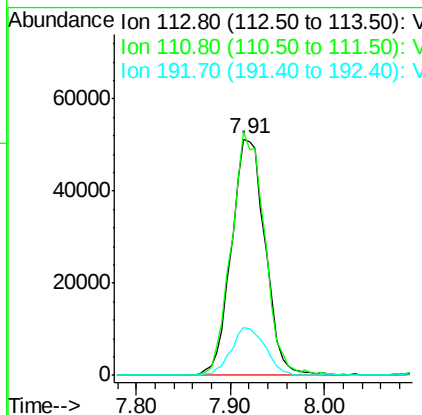
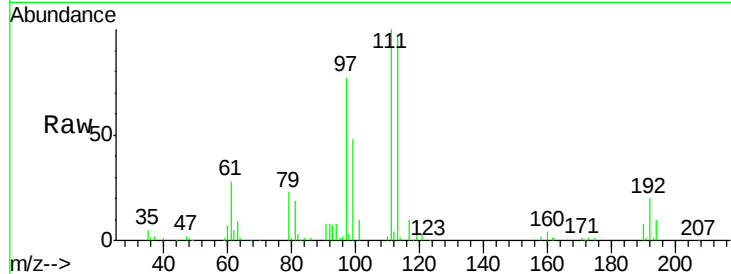
#35
 Dibromofluoromethane
 Concen: 47.194 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127812		
111	101.7	80.0	120.0	
192	20.5	16.3	24.5	

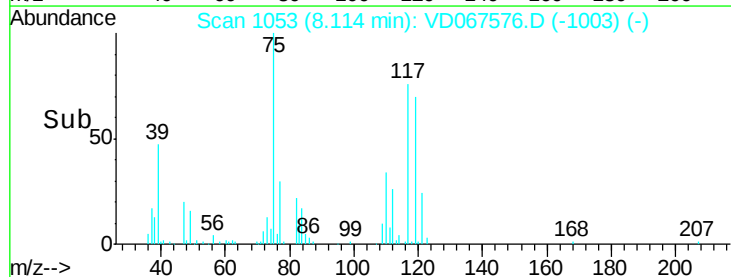
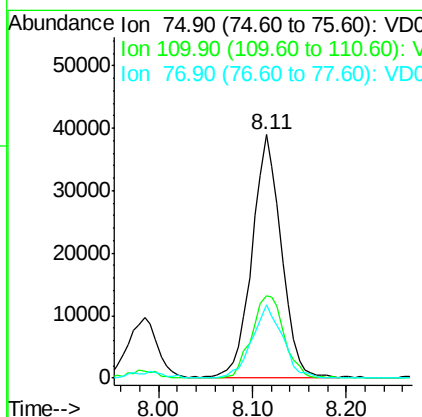
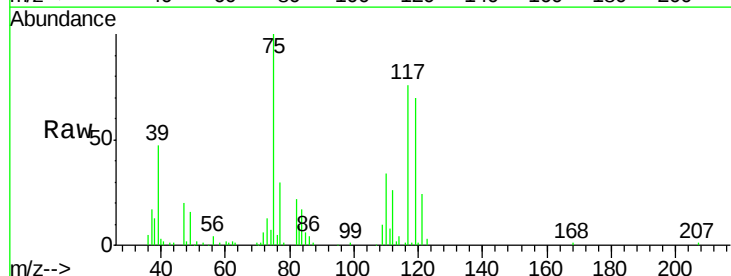
Manual Integrations
 APPROVED

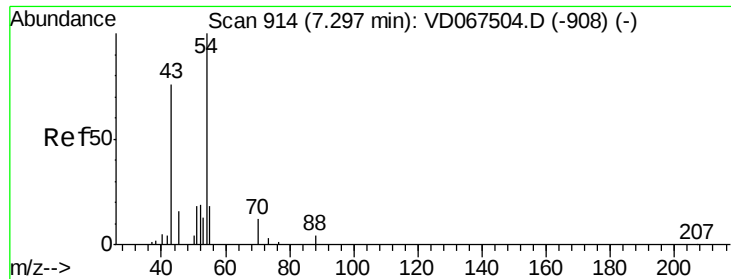
MMDadoda
 11/11/2020 1:04:12 PM



#36
 1,1-Dichloropropene
 Concen: 21.924 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84355		
110	36.9	19.9	59.7	
77	31.2	24.8	37.2	





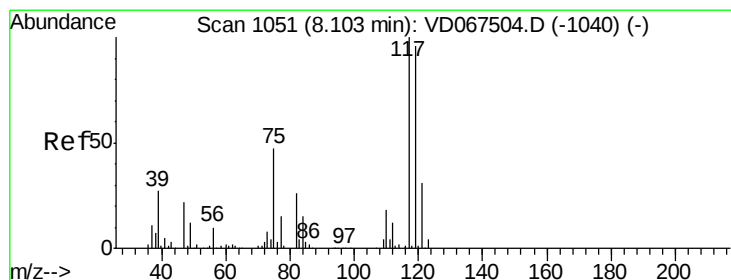
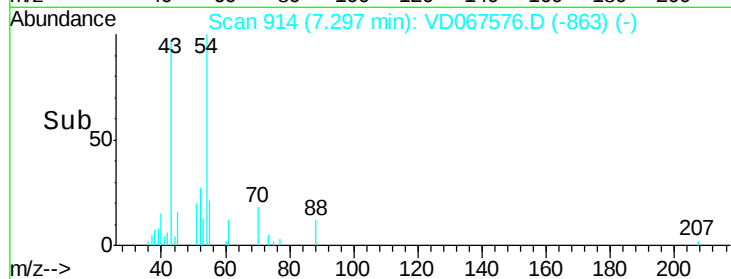
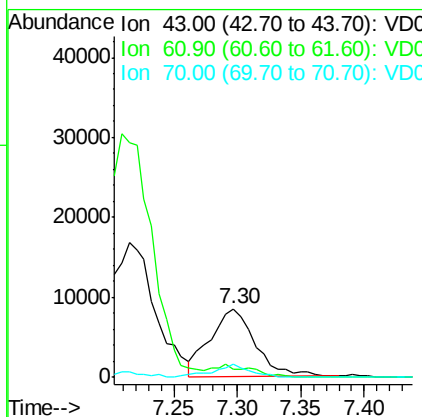
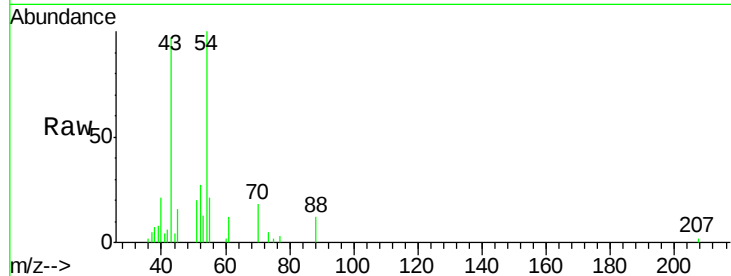
#37
Ethyl Acetate
Concen: 20.657 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.8	19.2
70	15.6	11.7	17.5

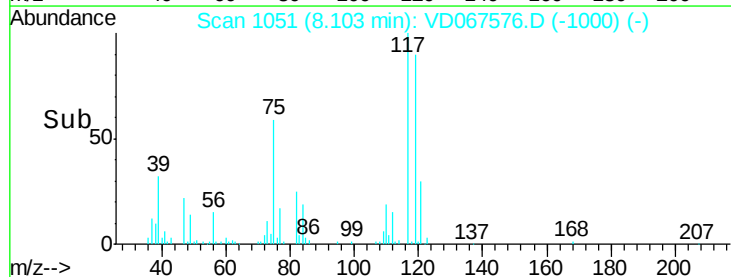
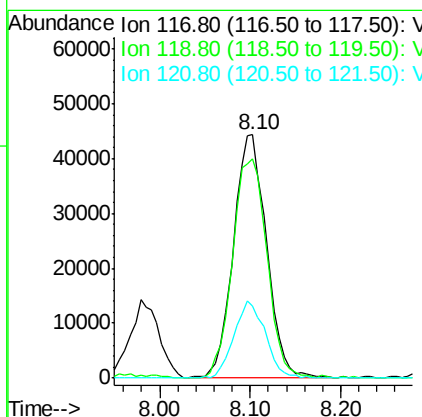
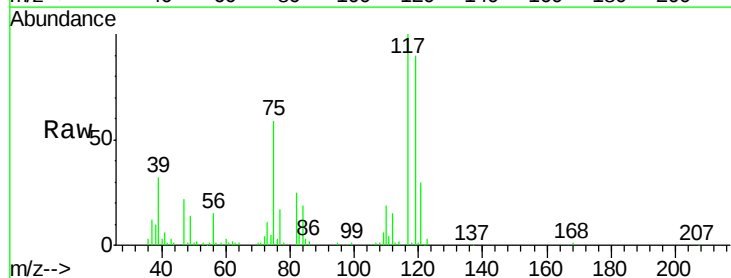
Manual Integrations
APPROVED

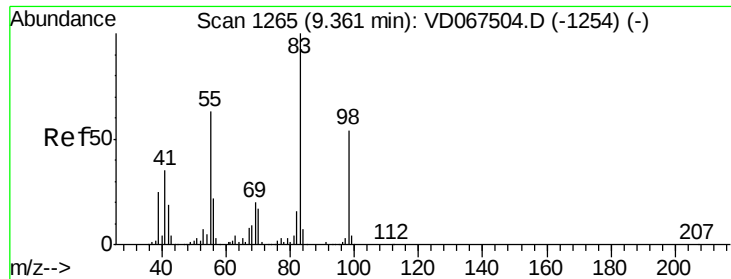
MMDadoda
11/11/2020 1:04:12 PM



#38
Carbon Tetrachloride
Concen: 22.306 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.9	115.3
121	30.0	24.5	36.7





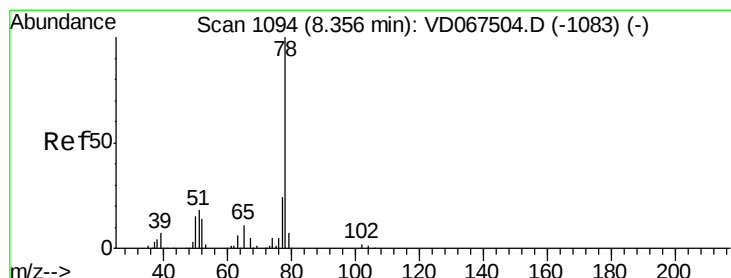
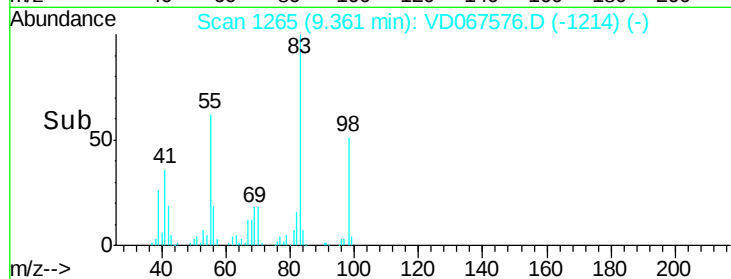
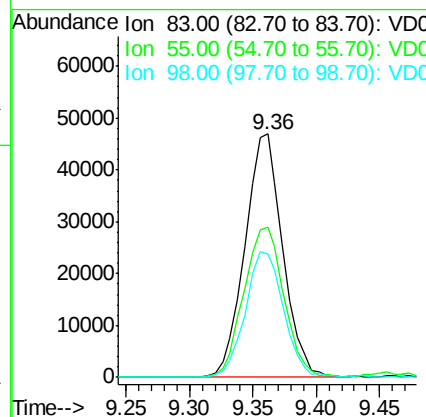
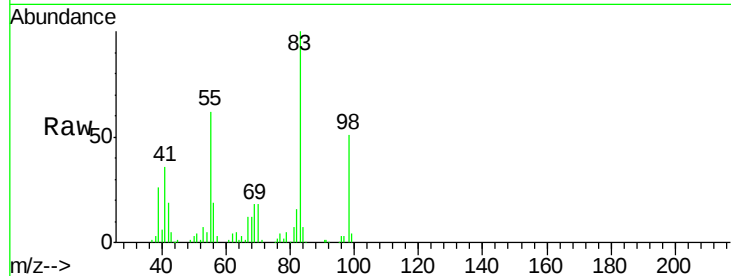
#39
Methvlcvclohexane
Concen: 21.476 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.9	50.5	75.7
98	50.6	43.4	65.0

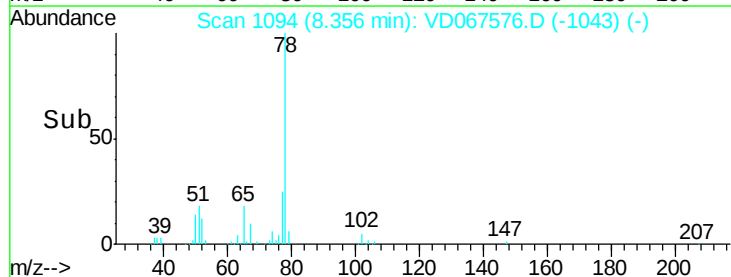
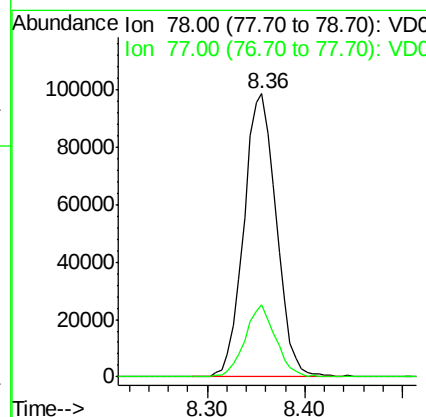
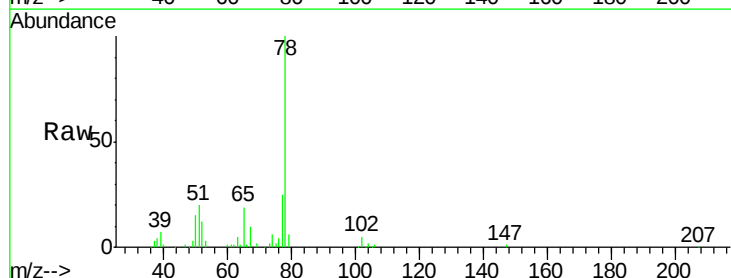
Manual Integrations
APPROVED

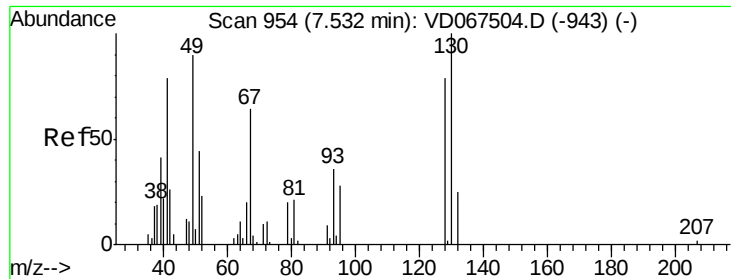
MMDadoda
11/11/2020 1:04:12 PM



#40
Benzene
Concen: 21.869 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.1	28.7





#41

Methacrylonitrile

Concen: 18.965 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 41 Resp: 11324

Ion Ratio Lower Upper

41 100

39 67.4 51.3 76.9

67 101.3 78.9 118.3

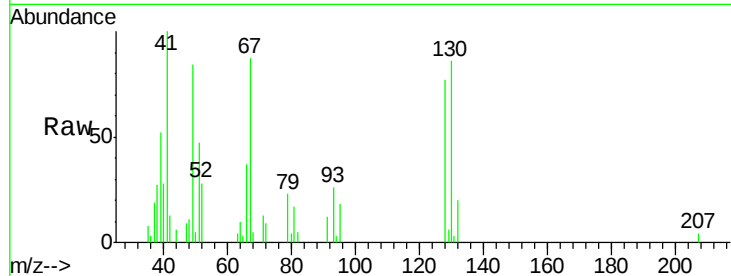
52 41.1 31.4 47.2

Manual Integrations

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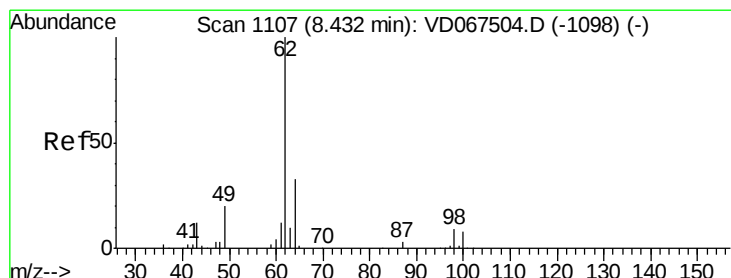
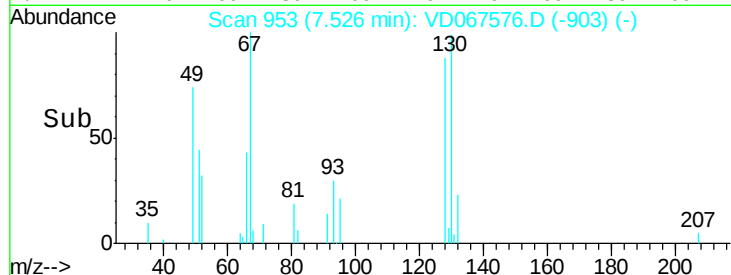
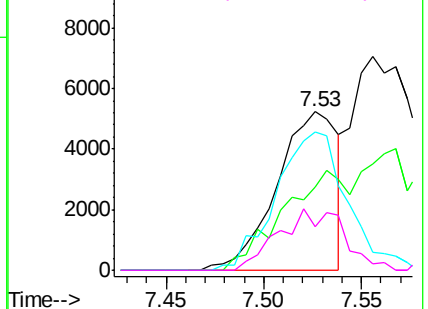


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.007 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067576.D

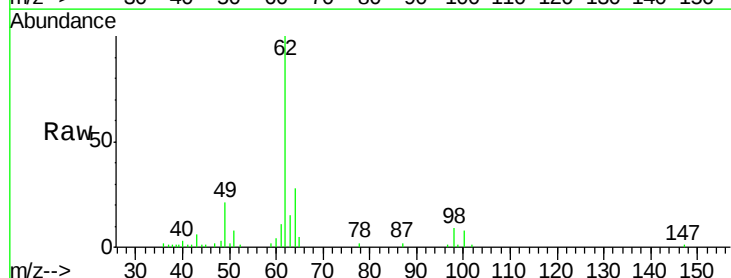
Acq: 10 Nov 2020 12:21

Tgt Ion: 62 Resp: 67647

Ion Ratio Lower Upper

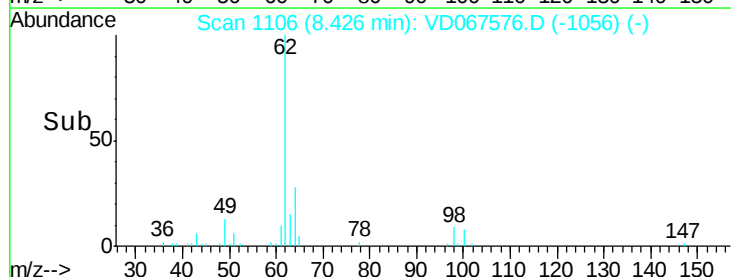
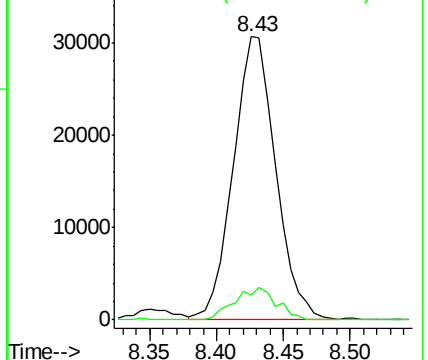
62 100

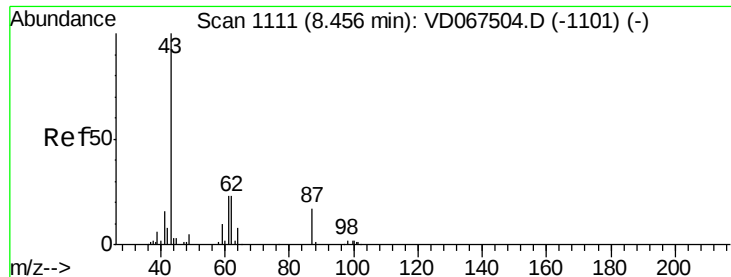
98 11.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 21.593 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

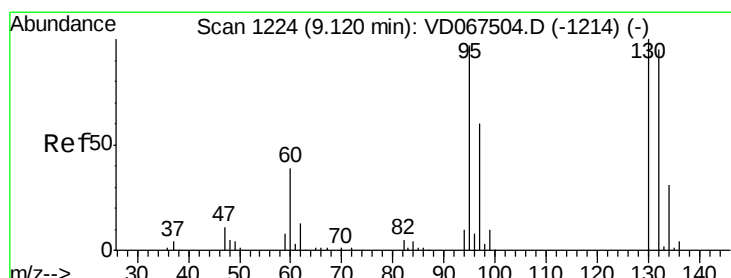
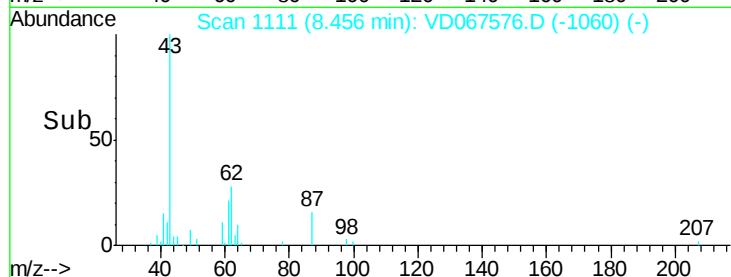
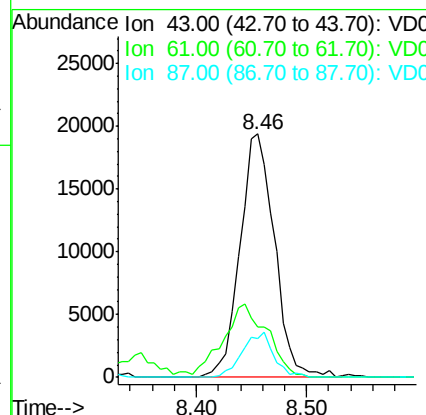
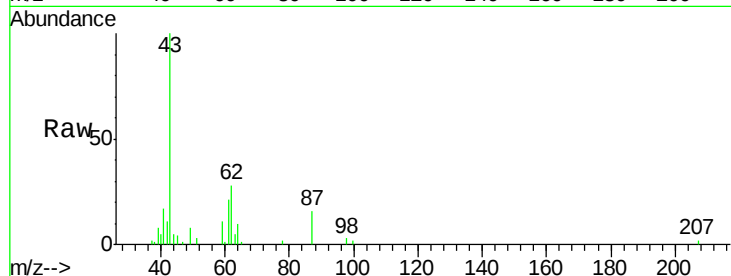
ClientSampleId :

VD1110SBS01

Tot Ion:	43	Resp:	42658
Ion	Ratio	Lower	Upper
43	100		
61	38.4	30.5	45.7
87	17.0	14.7	22.1

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#44

Trichloroethene

Concen: 21.519 ug/l

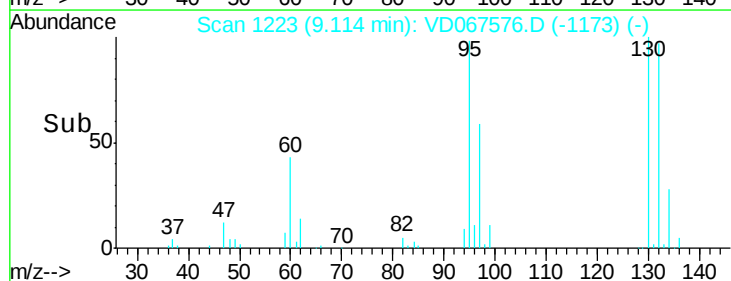
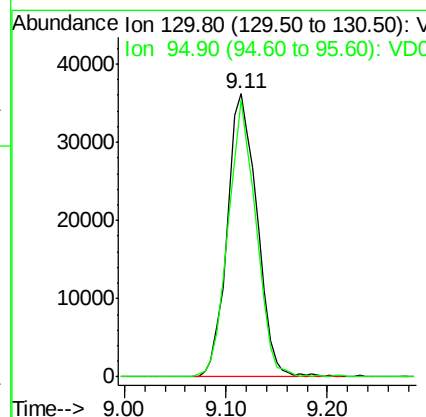
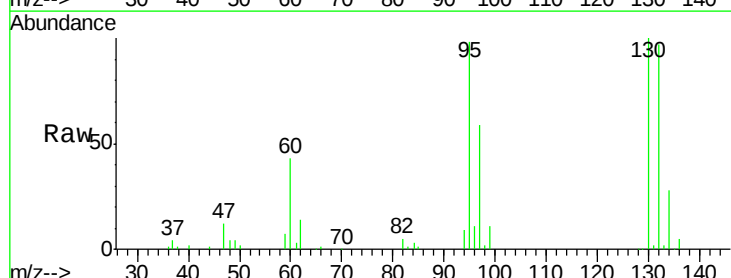
RT: 9.11 min Scan# 1223

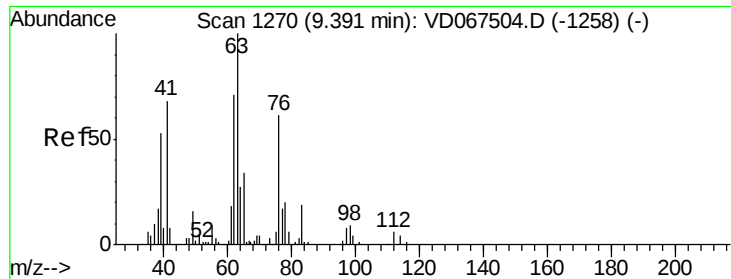
Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion:	130	Resp:	73743
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	194.4





#45

1,2-Dichloropropane

Concen: 22.066 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 63 Resp: 49723

Ion Ratio Lower Upper

63 100

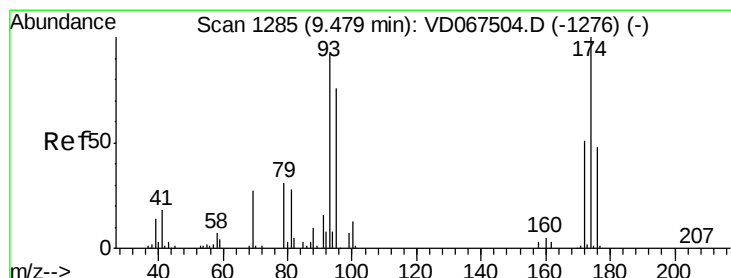
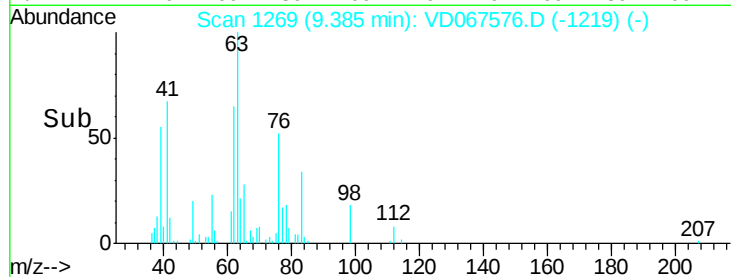
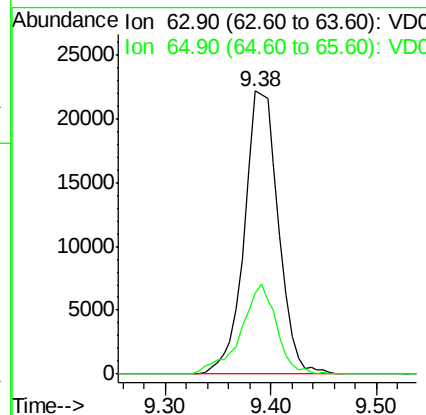
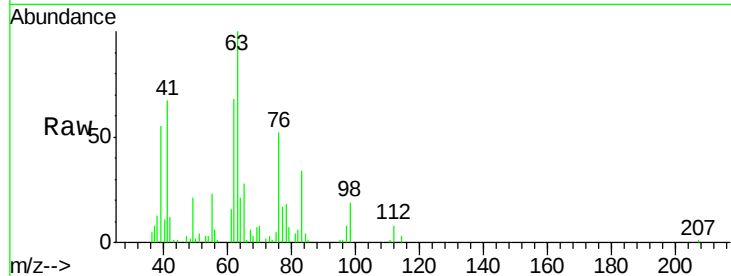
65 28.5 26.9 40.3

Manual Integrations

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#46

Dibromomethane

Concen: 21.295 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

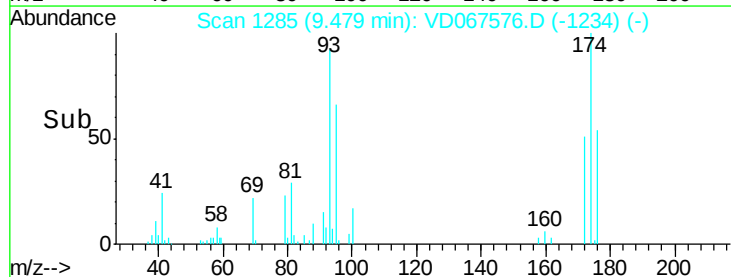
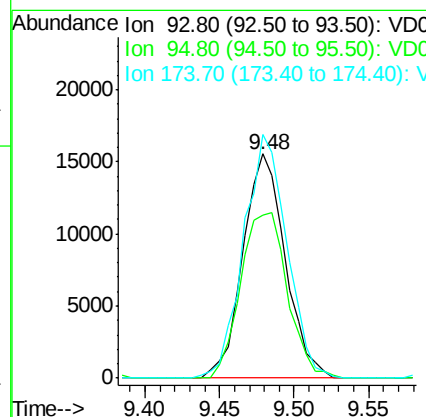
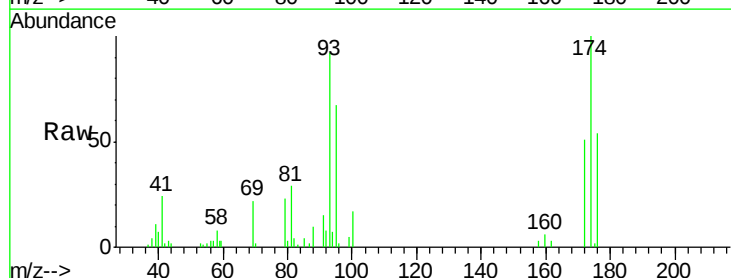
Tgt Ion: 93 Resp: 30510

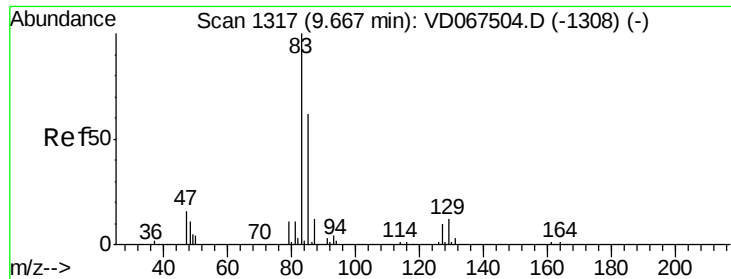
Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

174 110.9 88.2 132.4





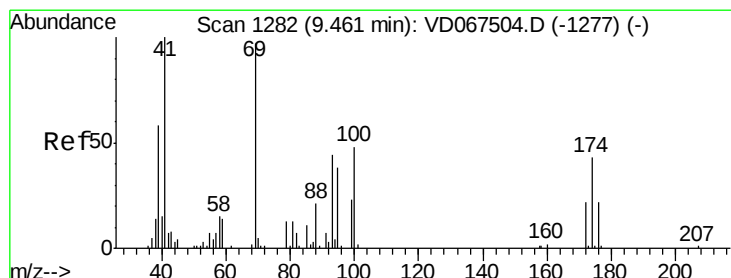
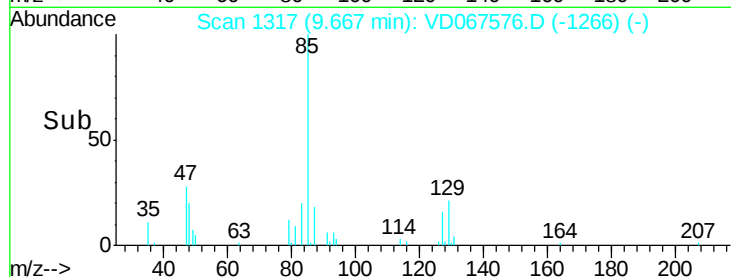
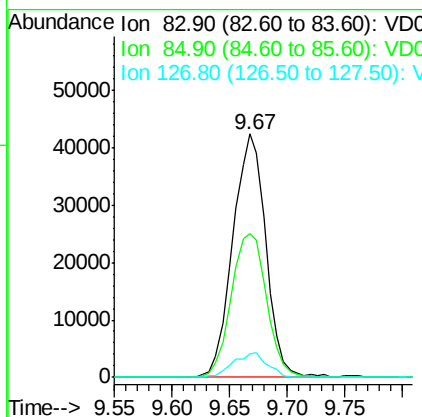
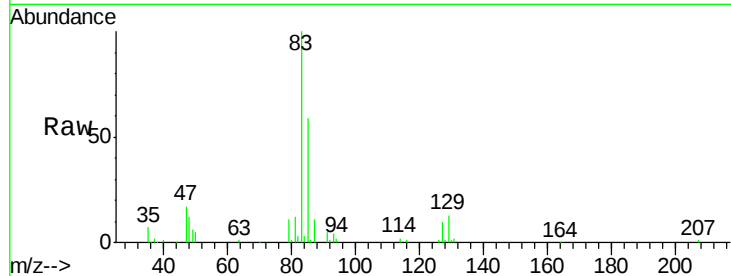
#47
Bromodichloromethane
Concen: 21.515 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	83	Resp	83785
Ion Ratio	100	Lower	Upper
83	100		
85	59.3	49.4	74.2
127	9.8	7.7	11.5

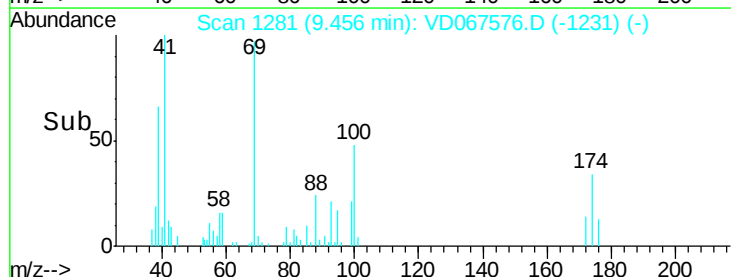
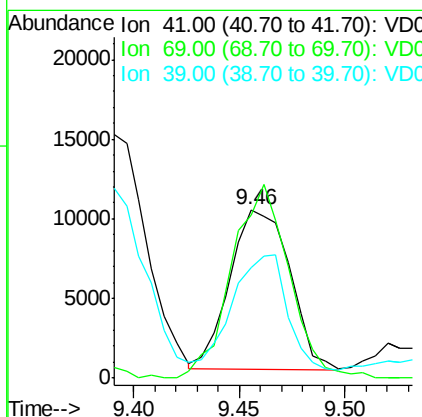
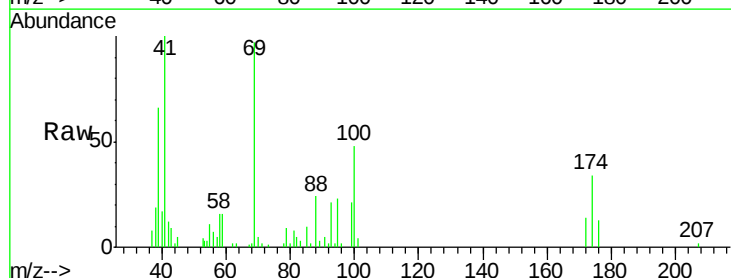
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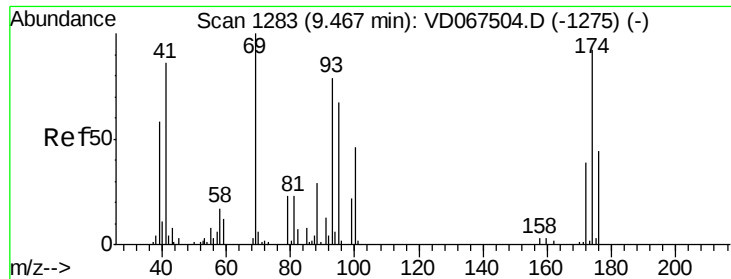
MMDadoda
11/11/2020 1:04:12 PM



#48
Methyl methacrylate
Concen: 19.411 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	41	Resp	19800
Ion Ratio	100	Lower	Upper
41	100		
69	116.1	80.6	121.0
39	66.0	50.2	75.4





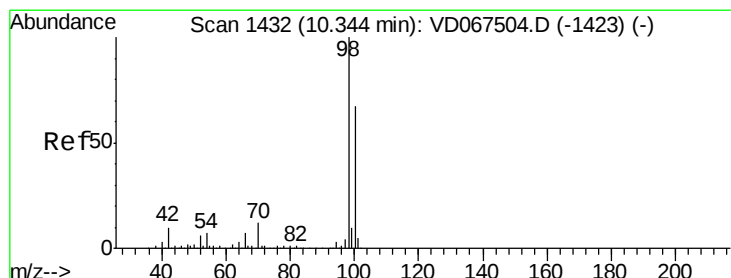
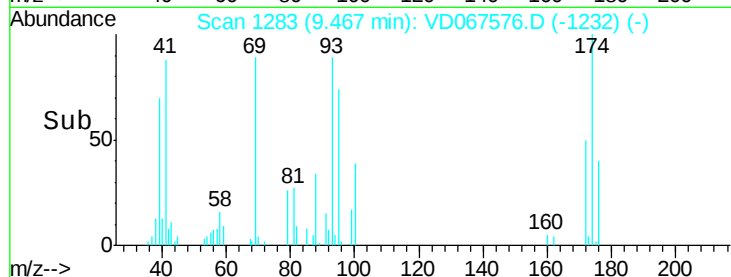
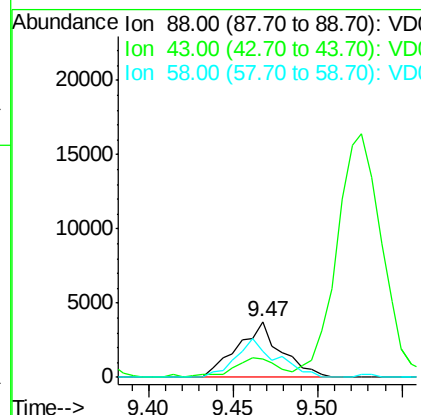
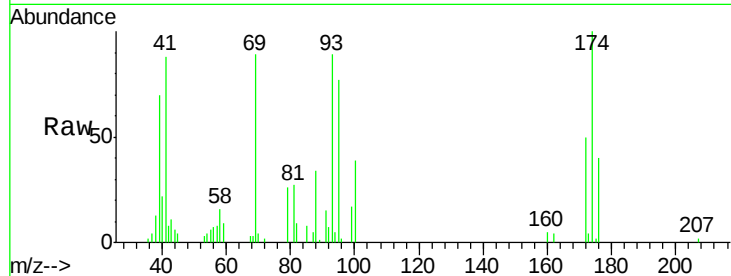
#49
 1,4-Dioxane
 Concen: 462.771 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion: 88 Resp: 6731
 Ion Ratio Lower Upper
 88 100
 43 35.4 23.6 35.4#
 58 64.3 44.7 67.1

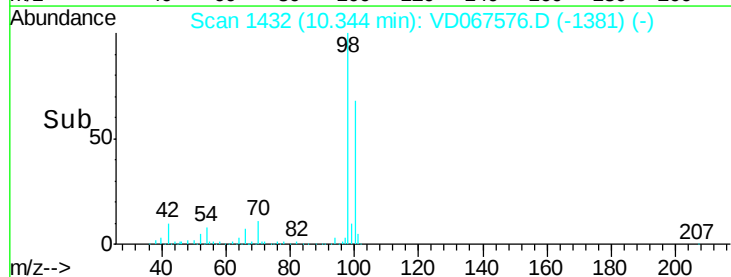
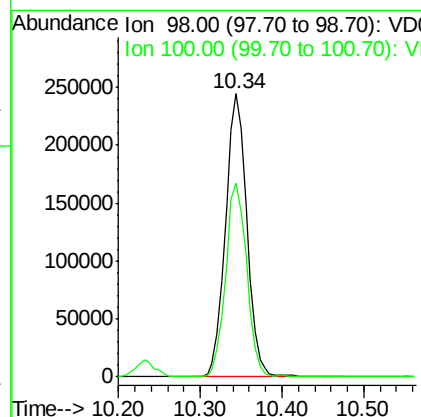
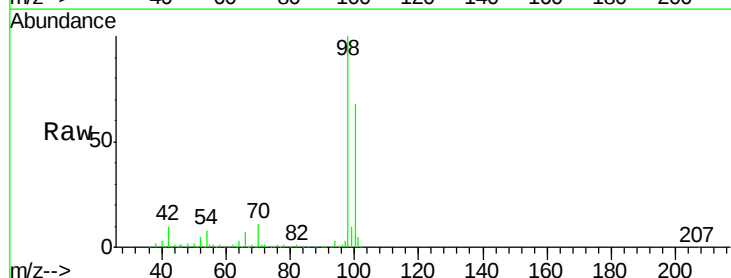
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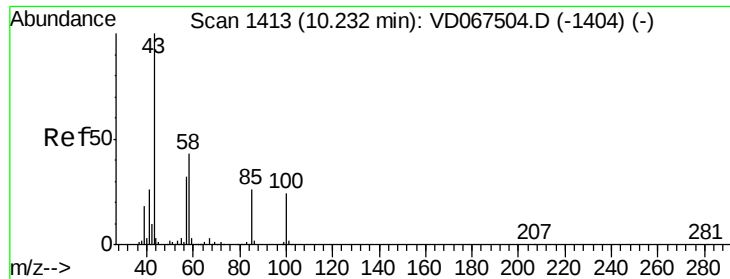
MMDadoda
 11/11/2020 1:04:12 PM



#50
 Toluene-d8
 Concen: 46.851 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 98 Resp: 445897
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 108.211 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 43 Resp: 102239

Ion Ratio Lower Upper

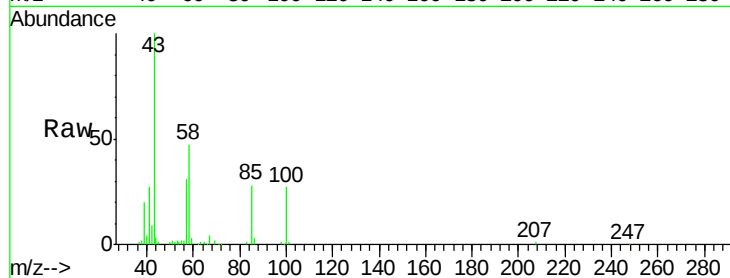
43 100

58 45.2 35.6 53.4

Manual Integrations
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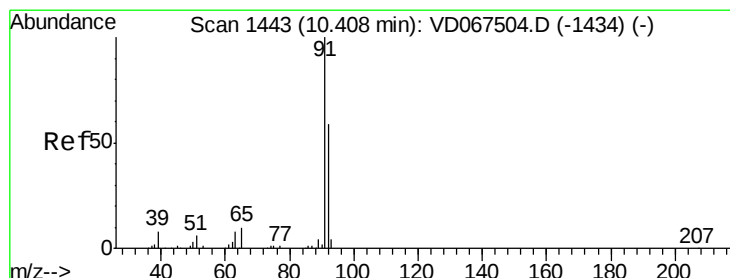
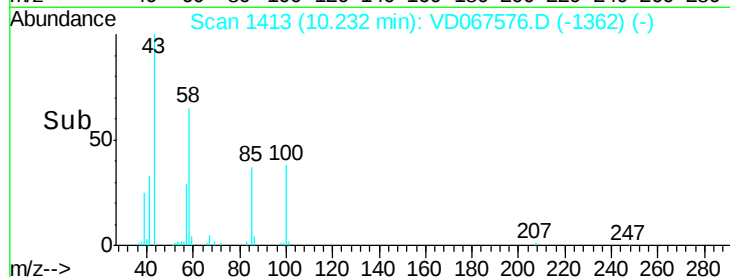
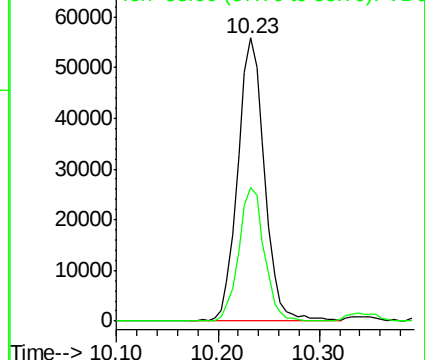
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 22.194 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067576.D

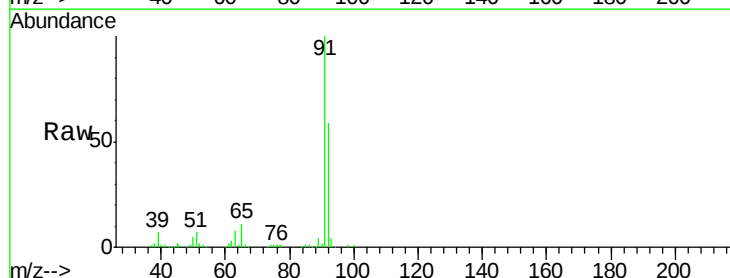
Acq: 10 Nov 2020 12:21

Tgt Ion: 92 Resp: 154936

Ion Ratio Lower Upper

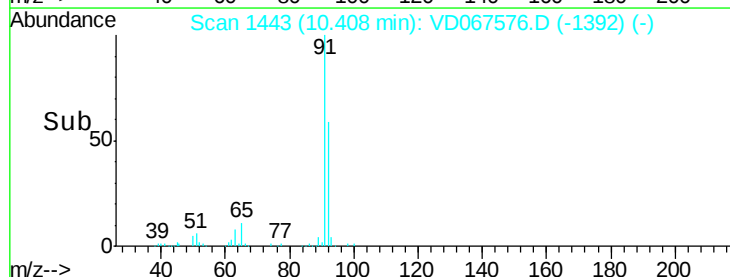
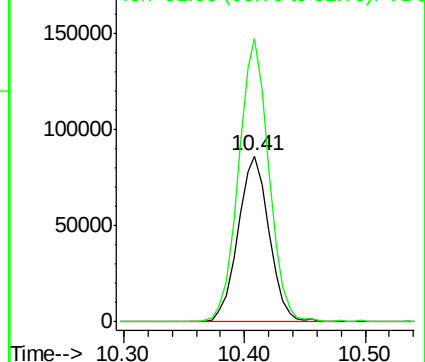
92 100

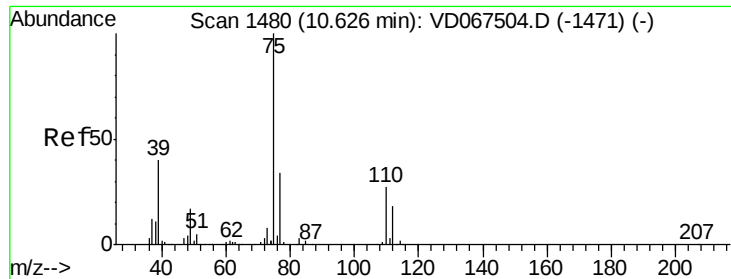
91 166.5 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





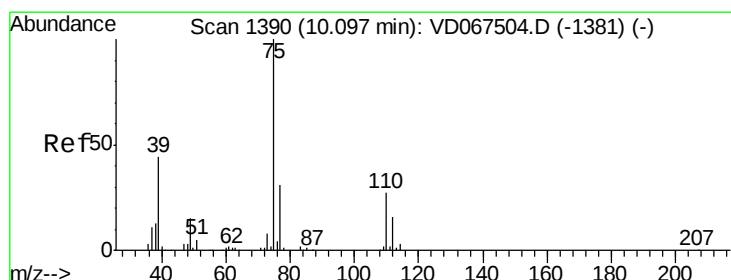
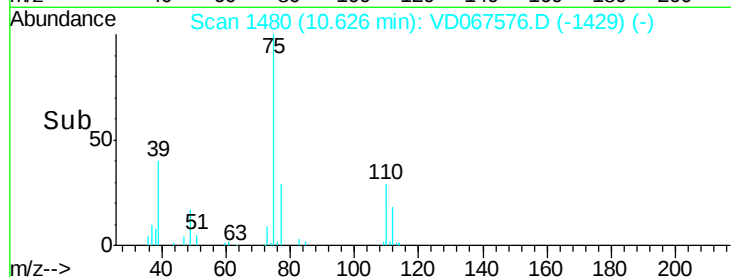
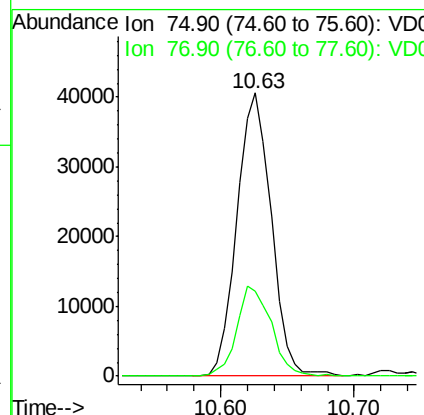
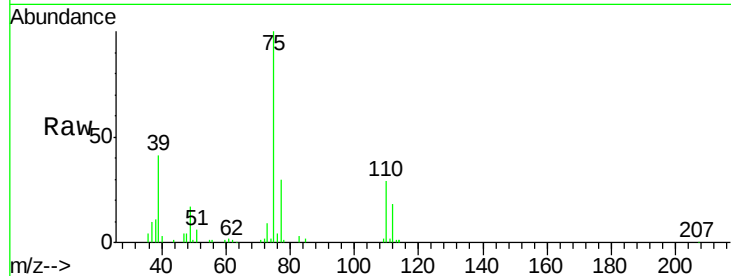
#53
t-1,3-Dichloropropene
Concen: 21.754 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	27.0	40.6

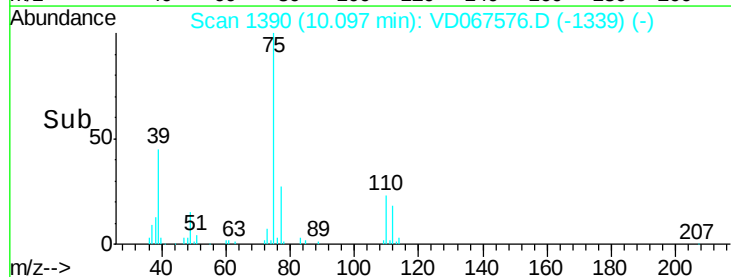
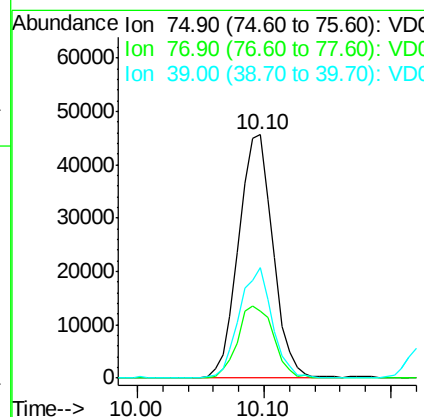
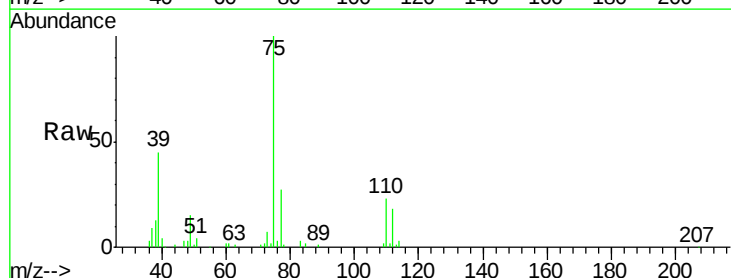
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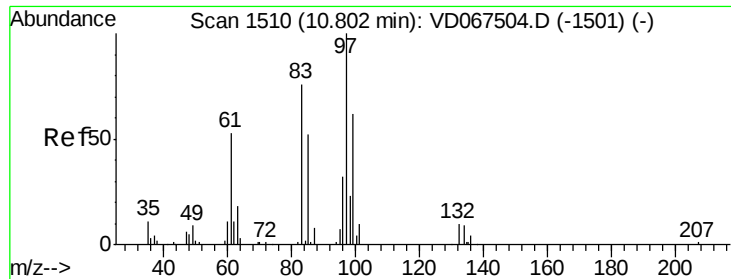
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#54
cis-1,3-Dichloropropene
Concen: 21.671 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	27.4	24.4	36.6
39	45.4	35.6	53.4





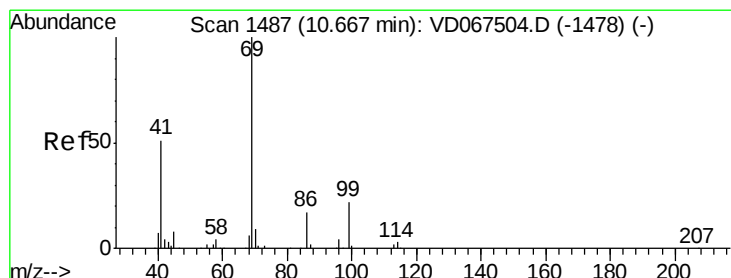
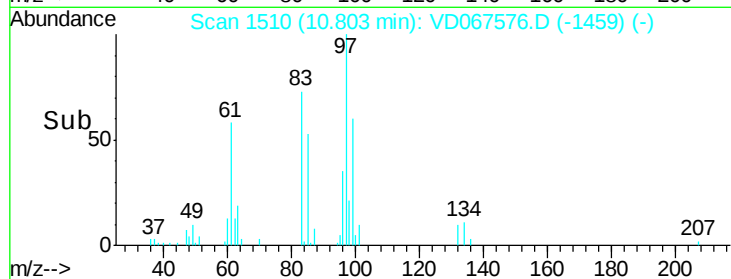
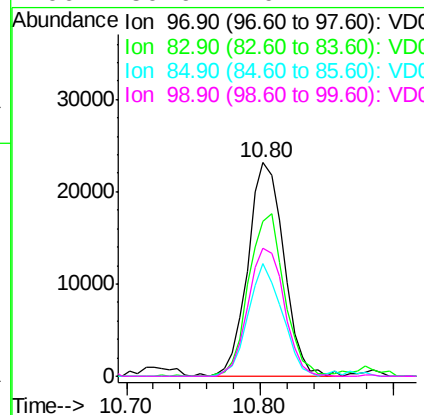
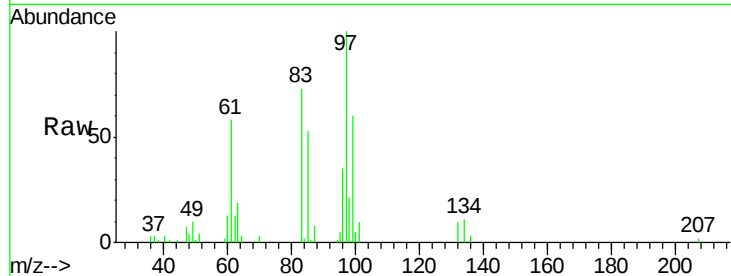
#55
 1,1,2-Trichloroethane
 Concen: 22.696 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion:	97	Resp:	43026
Ion	Ratio	Lower	Upper
97	100		
83	72.6	61.0	91.6
85	52.9	41.5	62.3
99	59.9	49.4	74.2

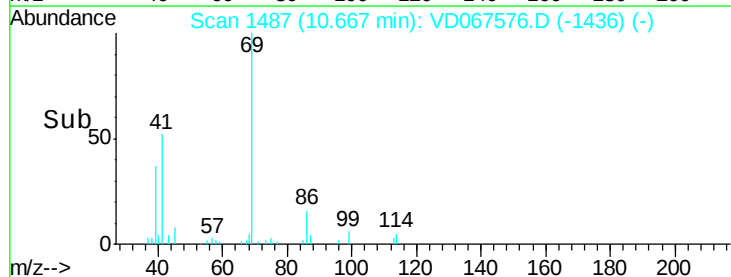
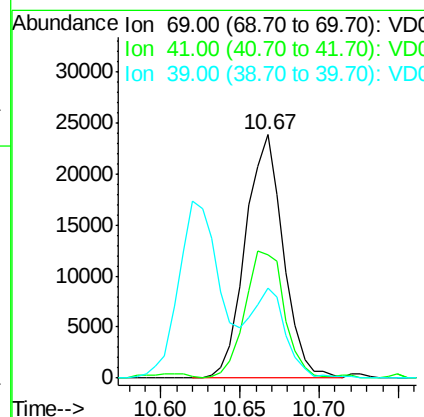
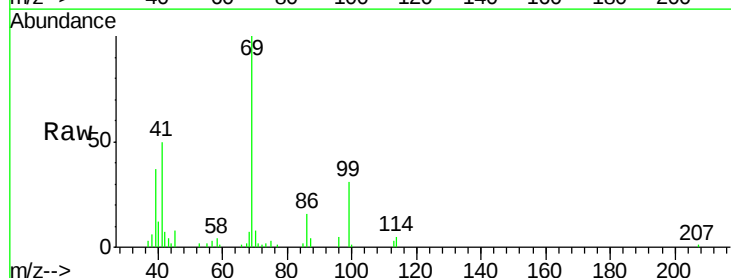
Manual Integrations
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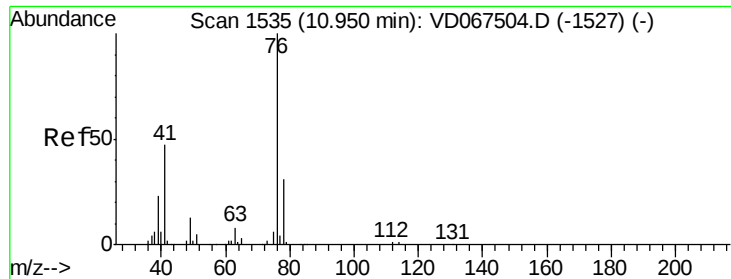
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#56
 Ethyl methacrylate
 Concen: 20.196 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion:	69	Resp:	39536
Ion	Ratio	Lower	Upper
69	100		
41	54.7	45.4	68.0
39	33.9	27.4	41.0





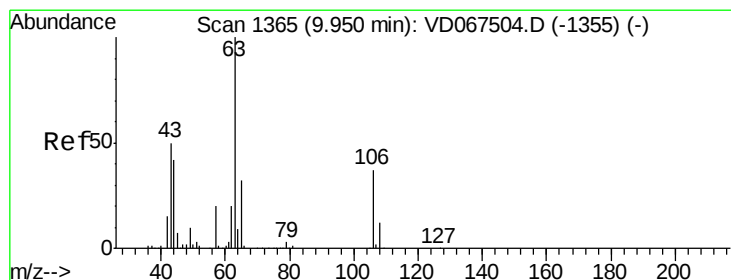
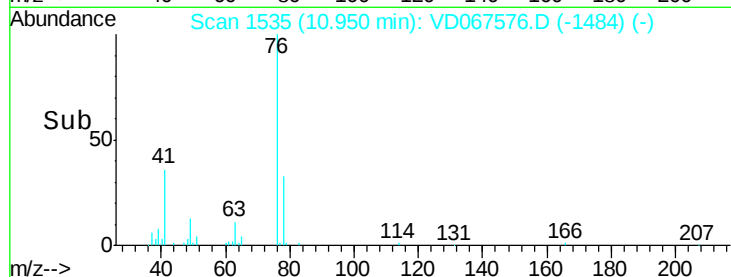
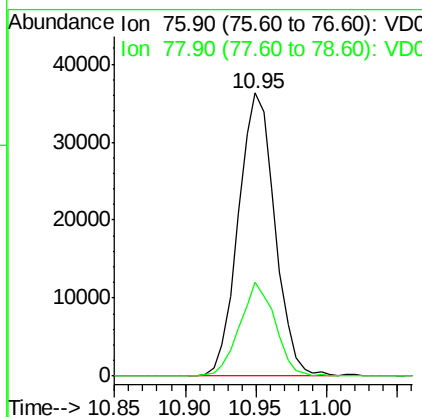
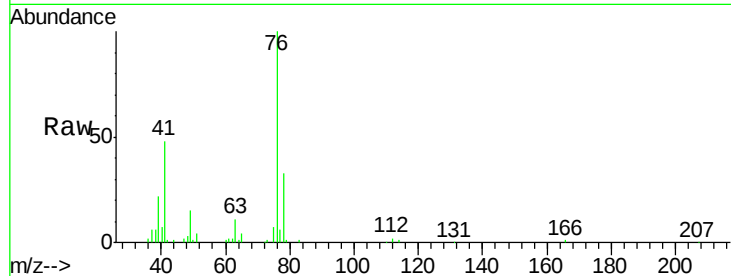
#57
 1,3-Dichloropropane
 Concen: 21.524 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion: 76 Resp: 65660
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1

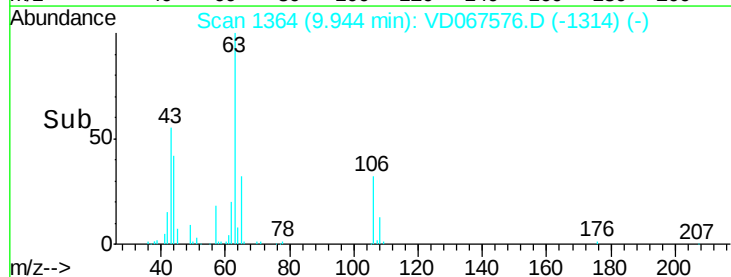
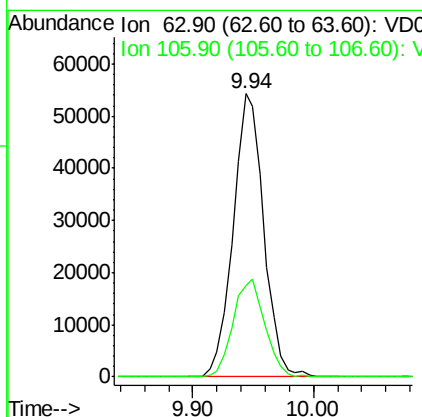
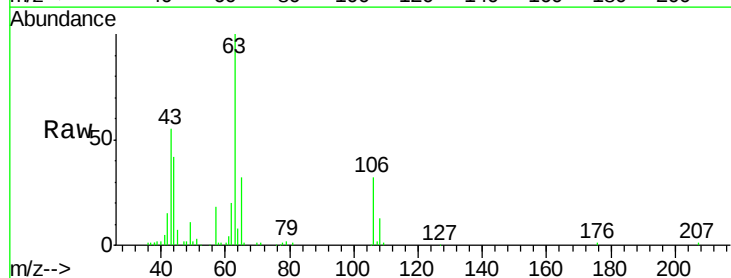
Manual Integrations
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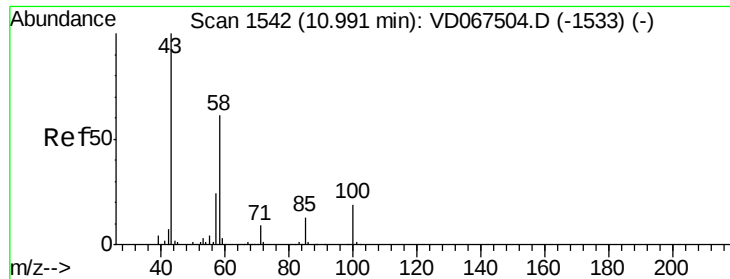
MMDadoda
 11/11/2020 1:04:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.953 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 63 Resp: 95813
 Ion Ratio Lower Upper
 63 100
 106 35.6 29.2 43.8





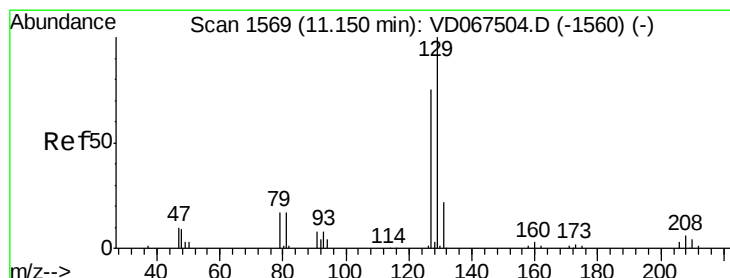
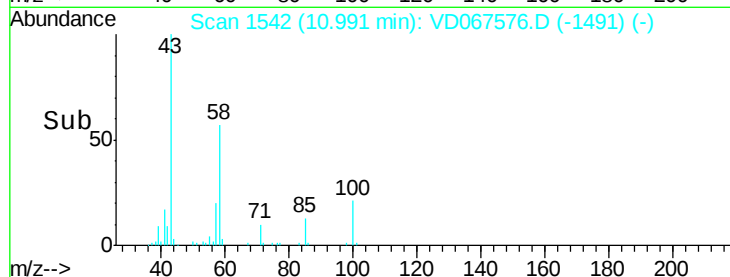
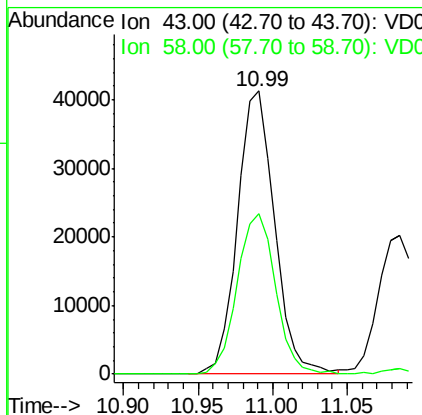
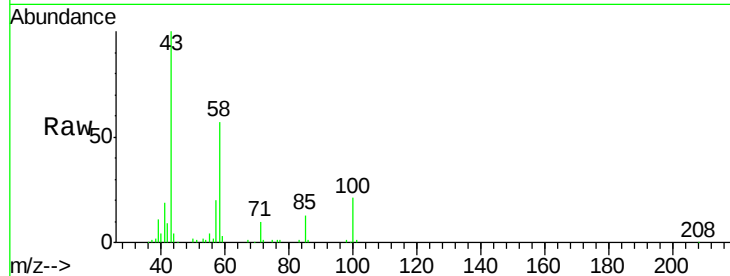
#59
2-Hexanone
Concen: 107.936 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 43 Resp: 71304
Ion Ratio Lower Upper
43 100
58 58.8 30.3 90.9

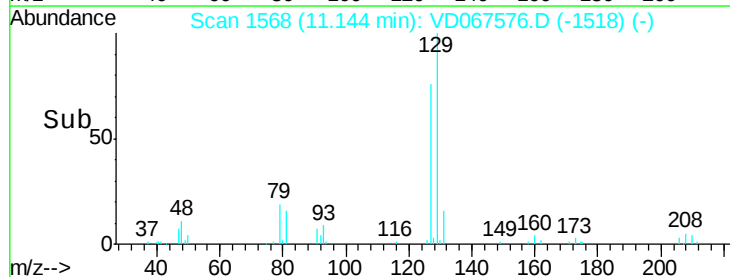
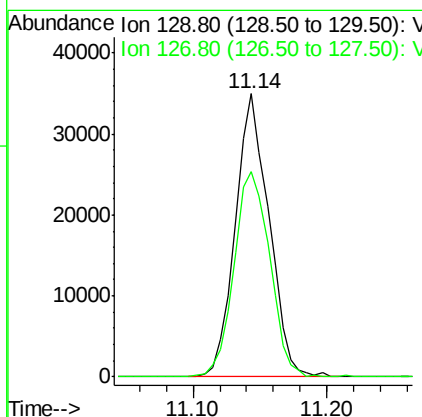
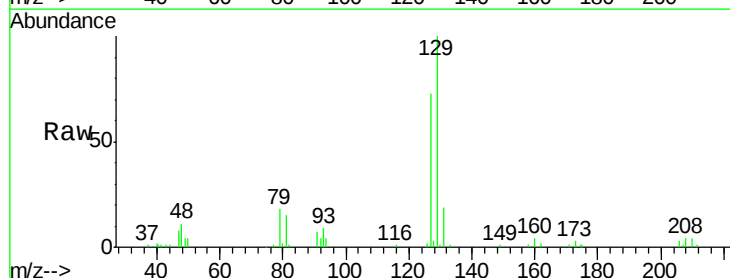
Manual Integrations
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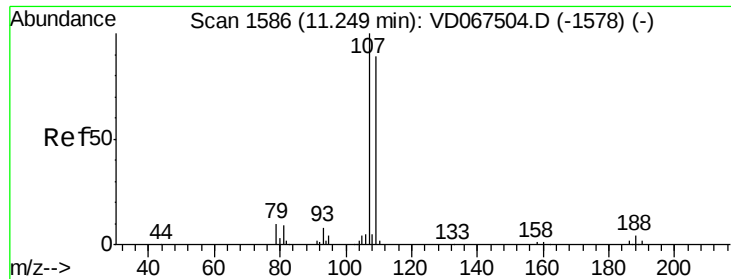
MMDadoda
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#60
Dibromochloromethane
Concen: 21.806 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 129 Resp: 61150
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





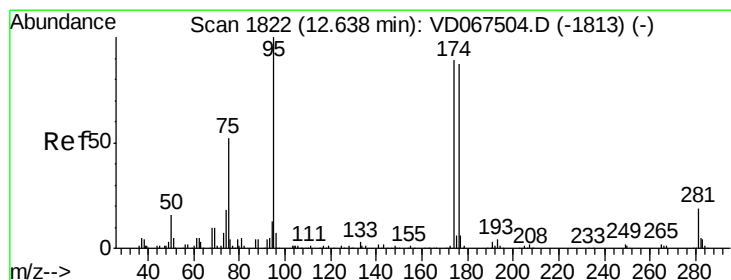
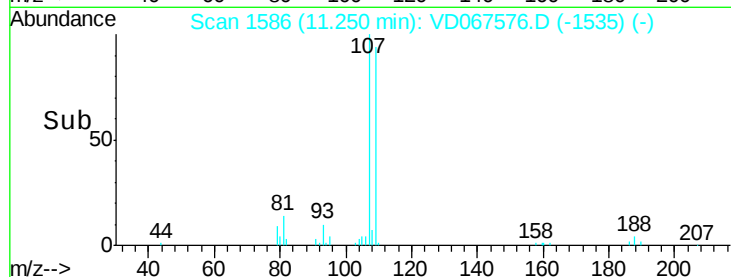
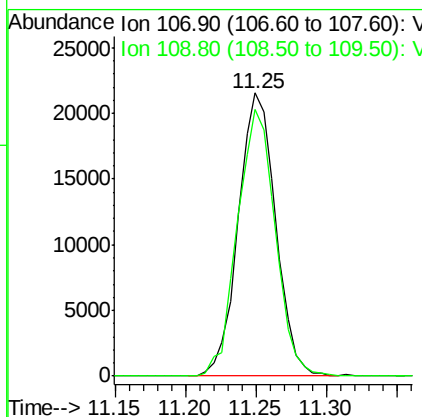
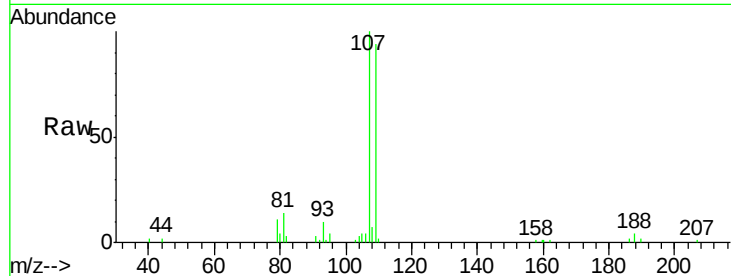
#61
 1,2-Dibromoethane
 Concen: 20.962 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion: 107 Resp: 39883
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.6 111.8

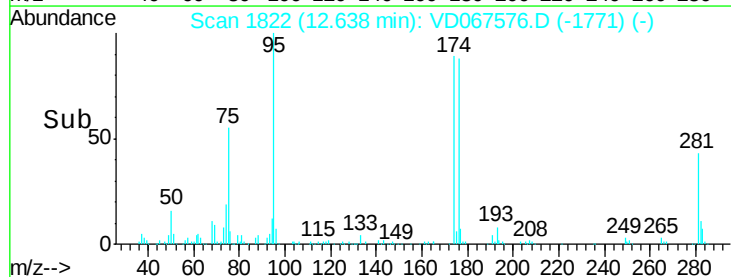
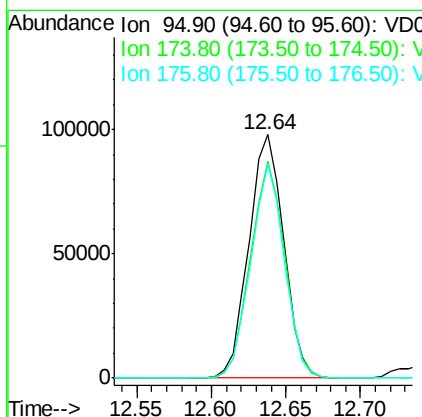
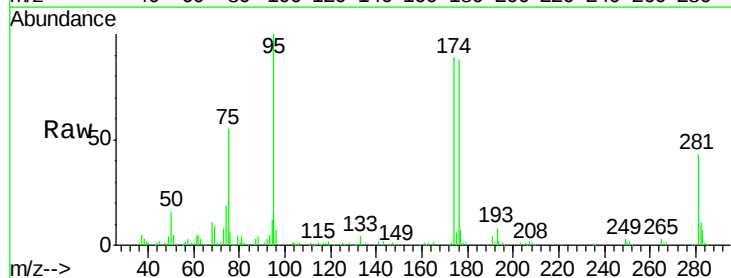
Manual Integrations
 APPROVED

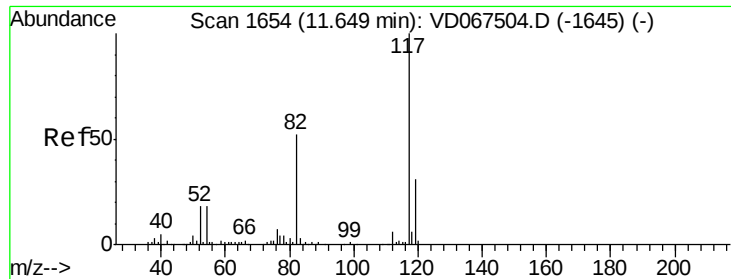
MMDadoda
 11/11/2020 1:04:12 PM



#62
 4-Bromofluorobenzene
 Concen: 48.124 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 95 Resp: 158126
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 177.8
 176 84.9 0.0 172.0





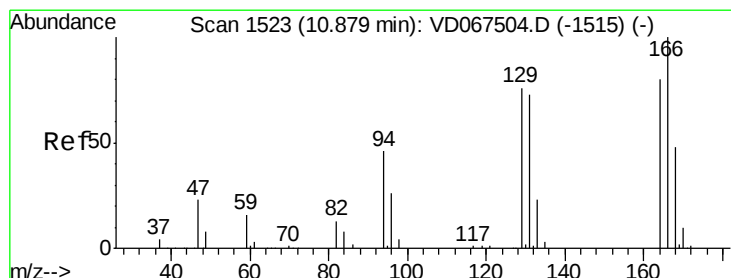
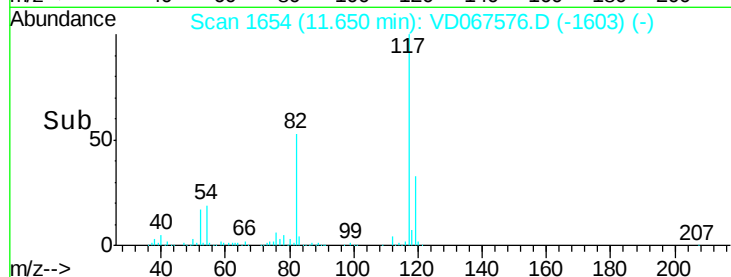
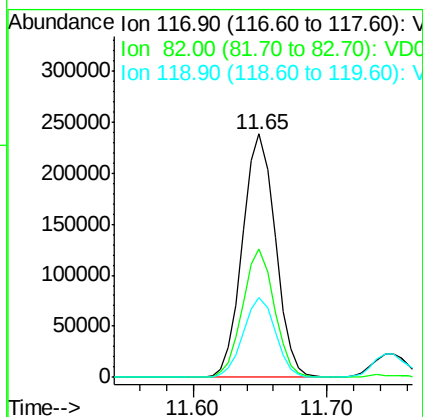
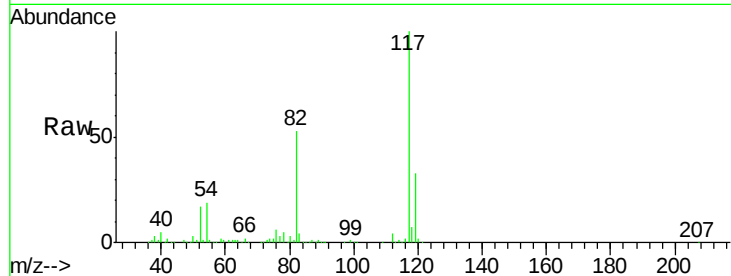
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.6	62.4
119	32.7	25.1	37.7

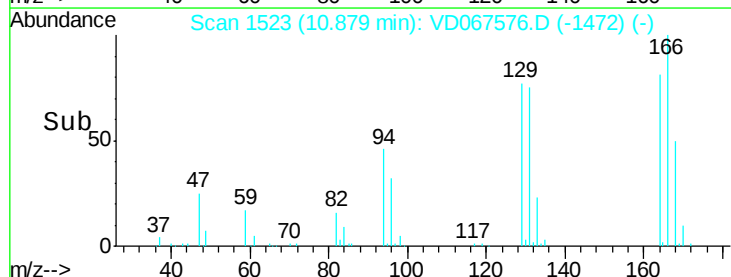
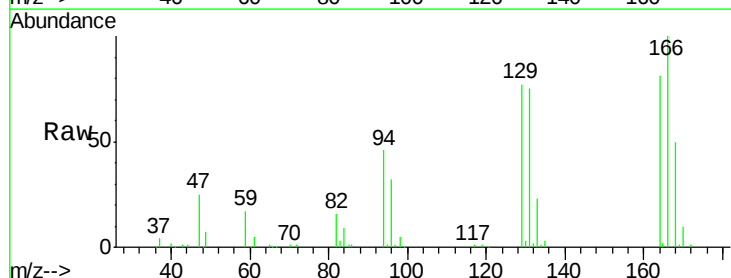
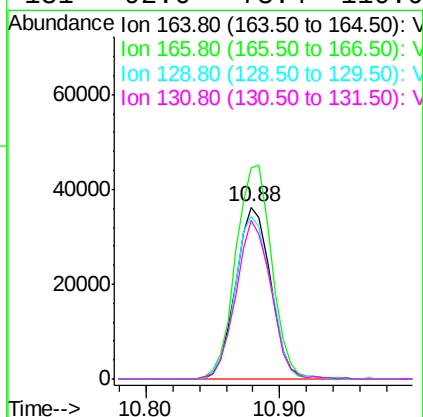
Manual Integrations
APPROVED

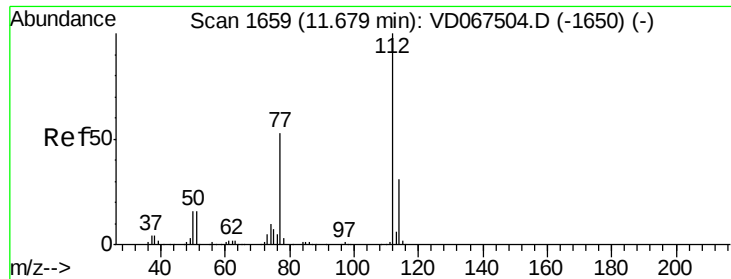
MMDadoda
11/11/2020 1:04:12 PM



#64
Tetrachloroethene
Concen: 21.822 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	99.9	149.9
129	94.5	75.5	113.3
131	92.6	73.4	110.0





#65

Chlorobenzene

Concen: 21.456 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion:112 Resp: 168491

Ion Ratio Lower Upper

112 100

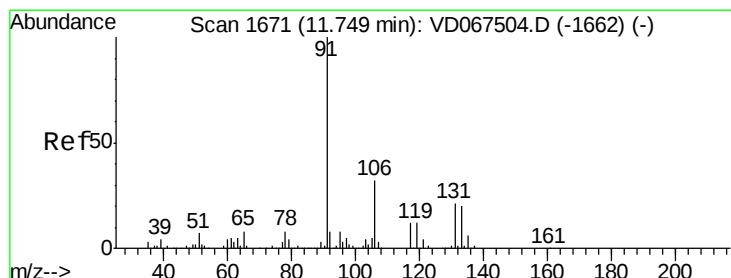
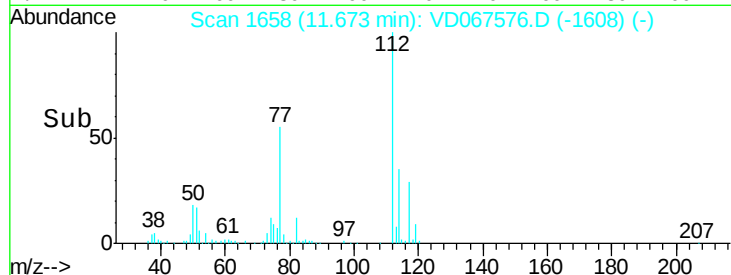
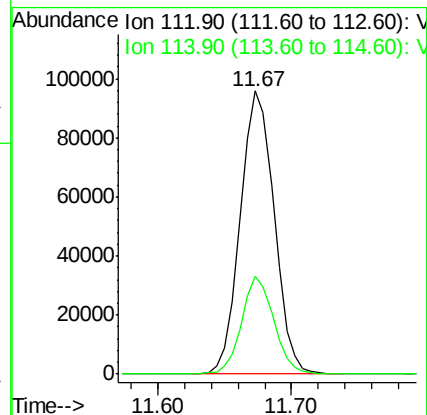
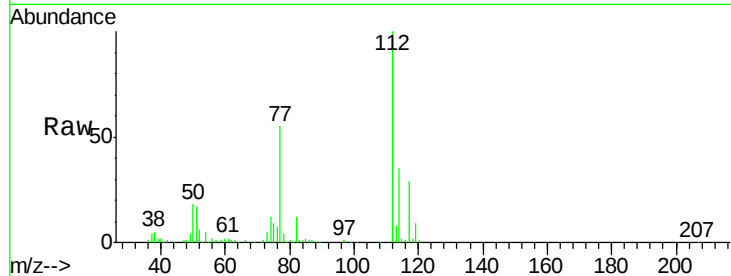
114 34.7 24.9 37.3

Manual Integrations

APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.233 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

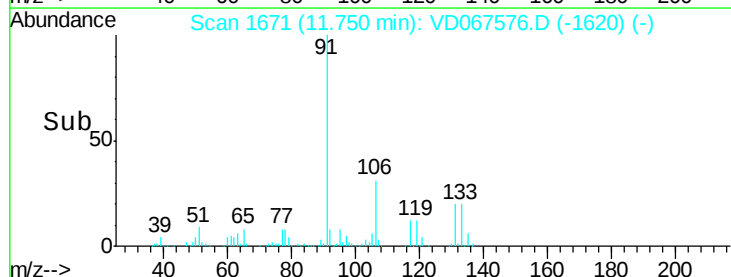
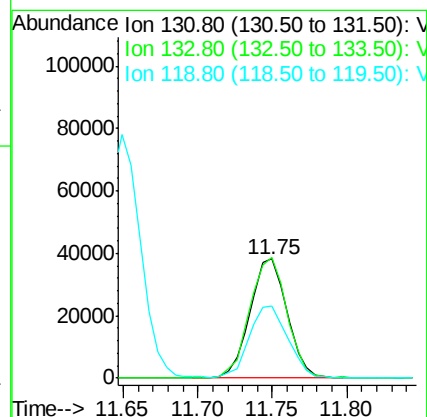
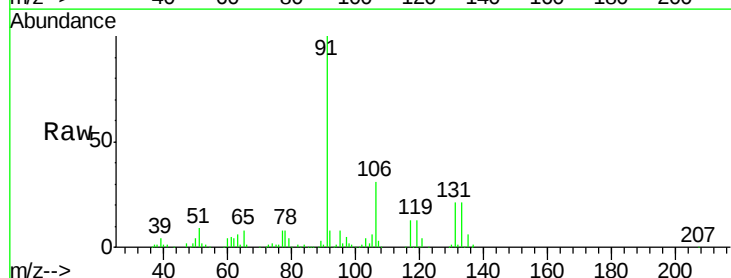
Tgt Ion:131 Resp: 65719

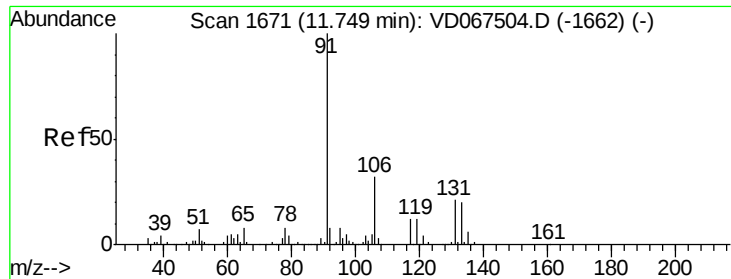
Ion Ratio Lower Upper

131 100

133 100.9 48.0 144.0

119 62.8 30.1 90.5





#67

Ethyl Benzene

Concen: 22.091 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleID :

VD1110SBS01

Tot Ion: 91 Resp: 296858

Ion Ratio Lower Upper

91 100

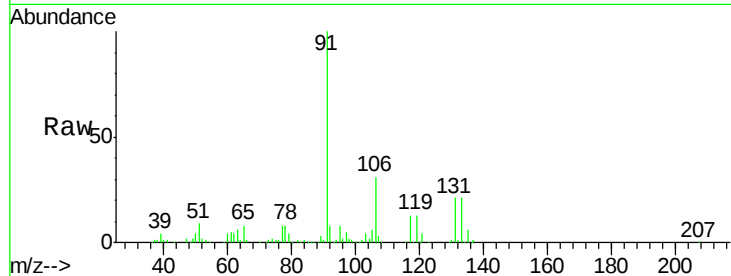
106 30.7 25.7 38.5

Manual Integrations

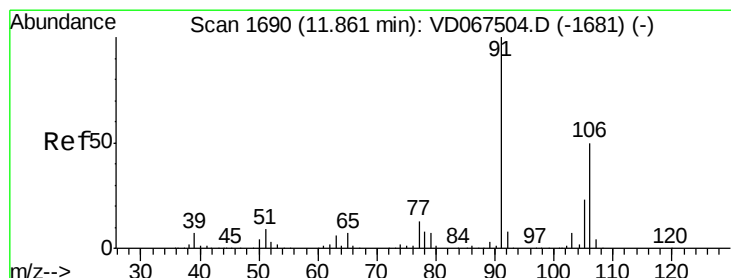
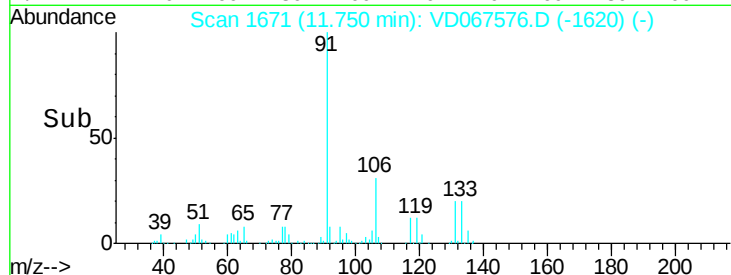
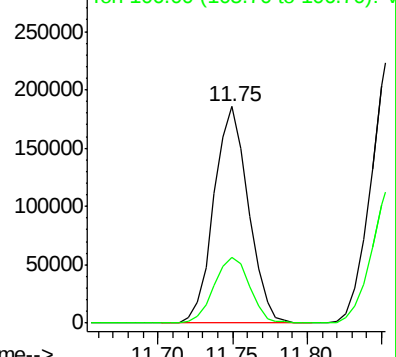
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1662) (-)



#68

m/p-Xylenes

Concen: 44.427 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067576.D

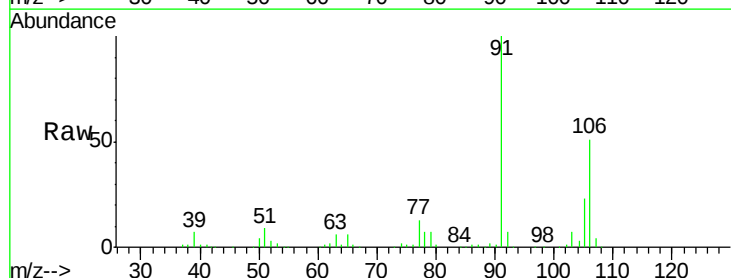
Acq: 10 Nov 2020 12:21

Tgt Ion: 106 Resp: 232264

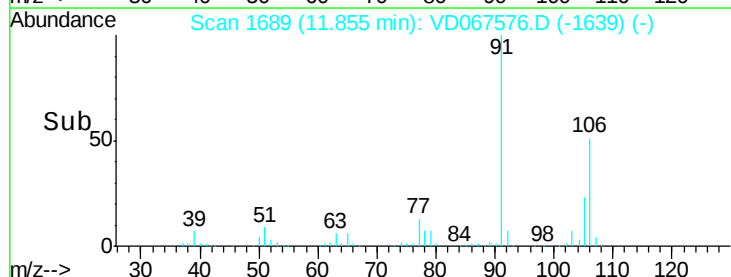
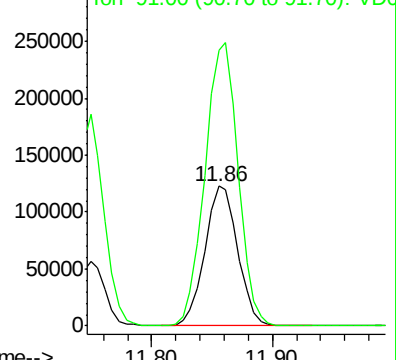
Ion Ratio Lower Upper

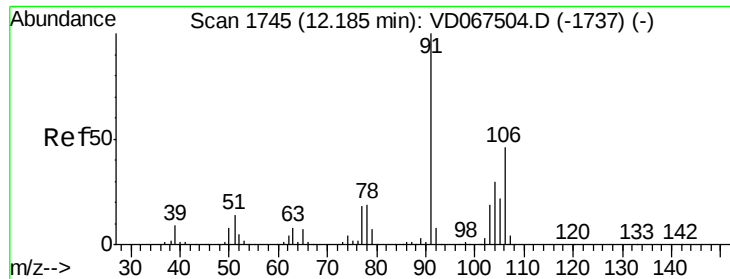
106 100

91 204.9 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): VD067504.D (-1681) (-)





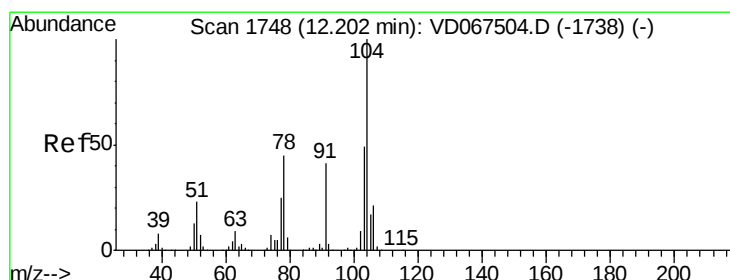
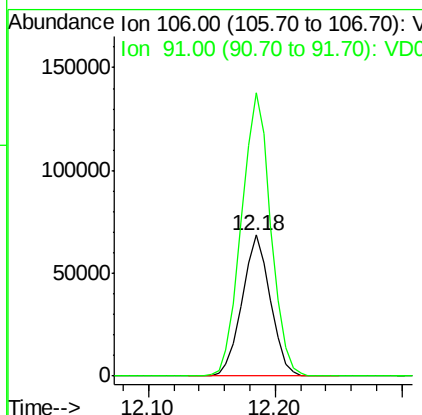
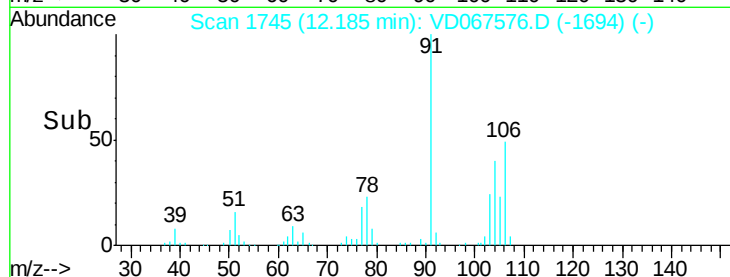
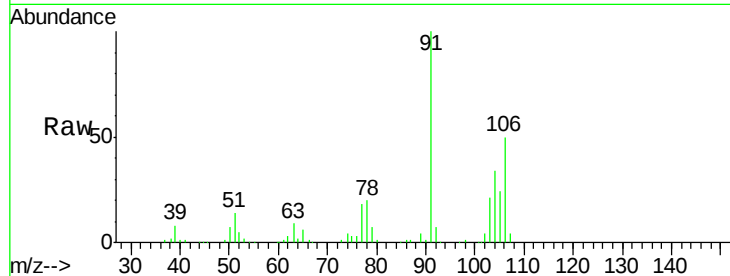
#69
o-Xylene
Concen: 22.820 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		106517		
91	206.8	107.1	321.1		

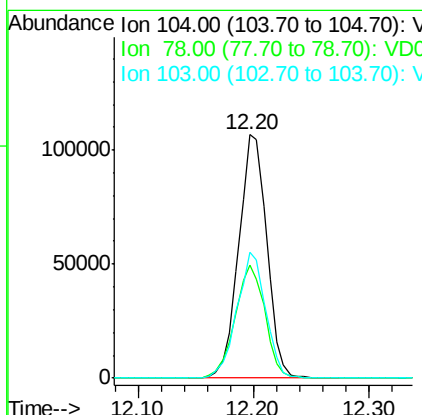
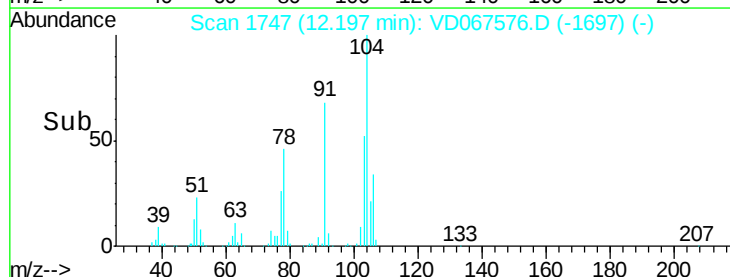
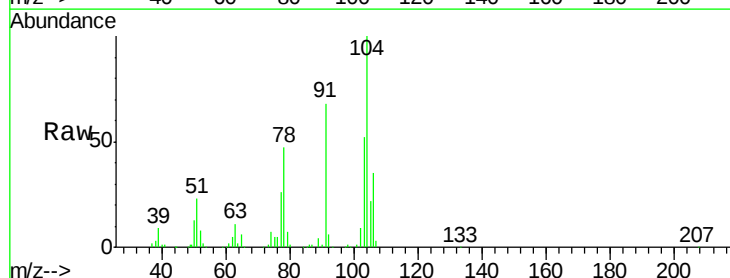
Manual Integrations
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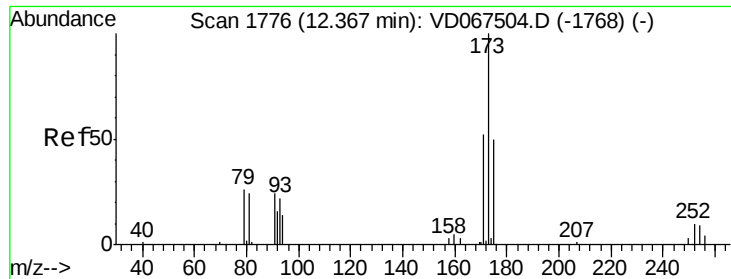
MMDadoda
11/11/2020 1:04:12 PM



#70
Styrene
Concen: 22.181 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		180409		
78	49.0	39.8	59.8		
103	52.8	43.9	65.9		





#71

Bromoform

Concen: 22.051 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion:173 Resp: 34809

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.2

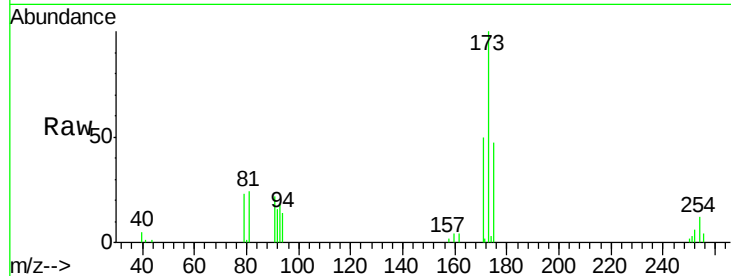
254 0.0 0.0 0.0

Manual Integrations

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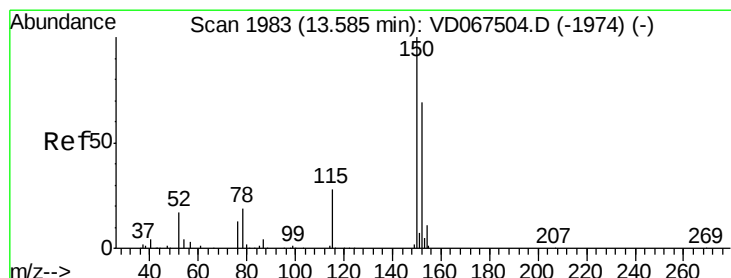
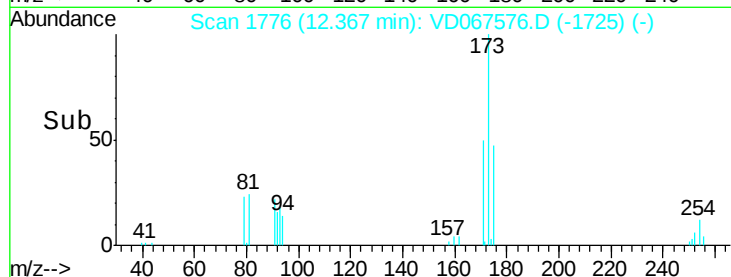
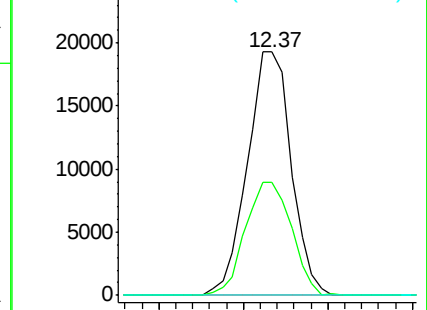
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

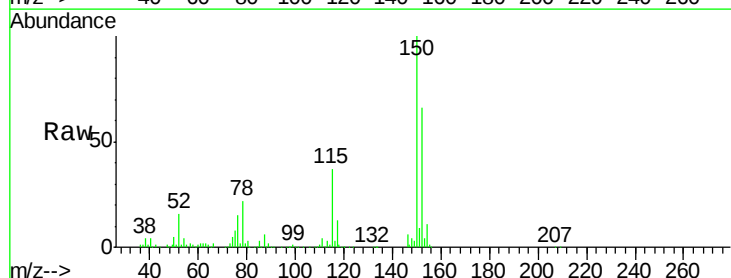
Tgt Ion:152 Resp: 204505

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

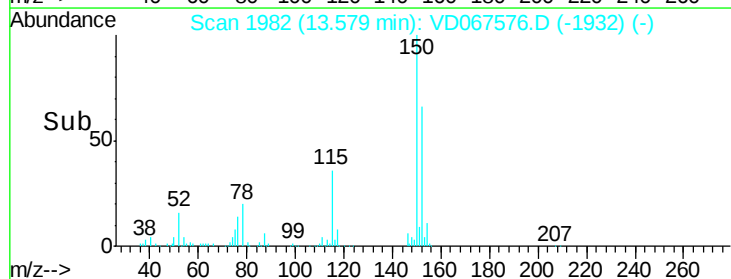
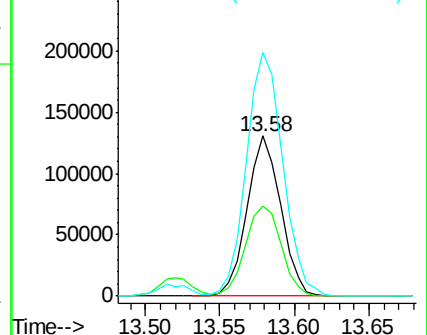
150 164.5 0.0 338.2

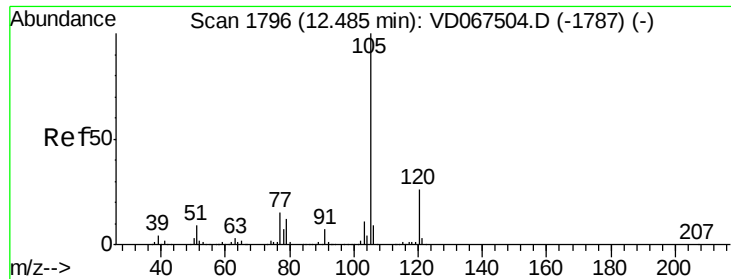


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.930 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 105 Resp: 289847

Ion Ratio Lower Upper

105 100

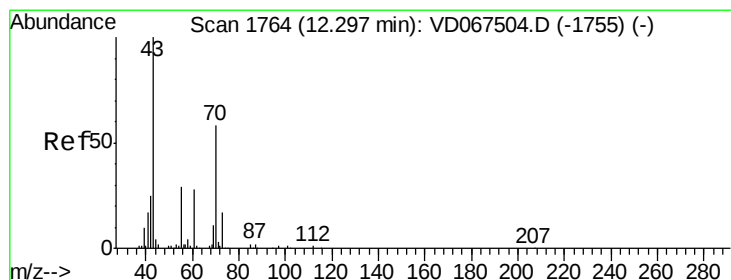
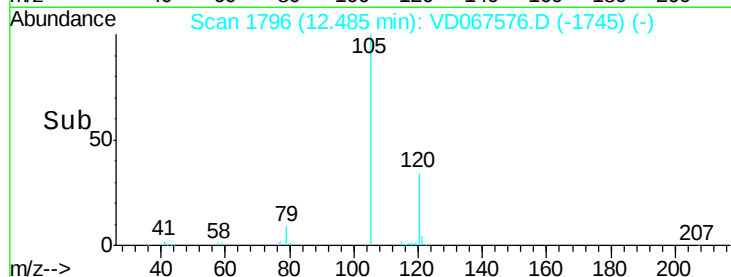
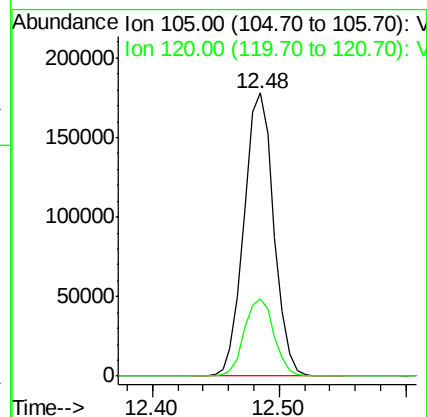
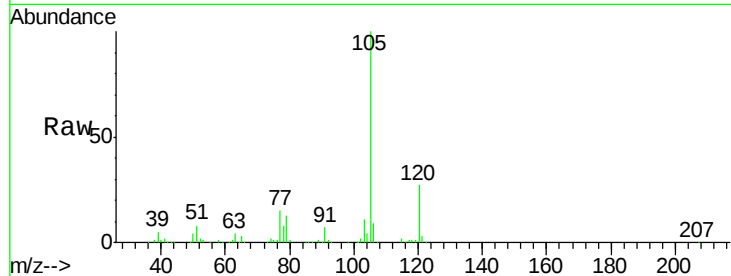
120 27.1 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.867 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion: 43 Resp: 38029

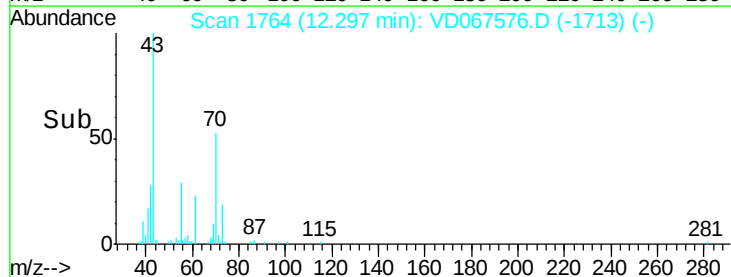
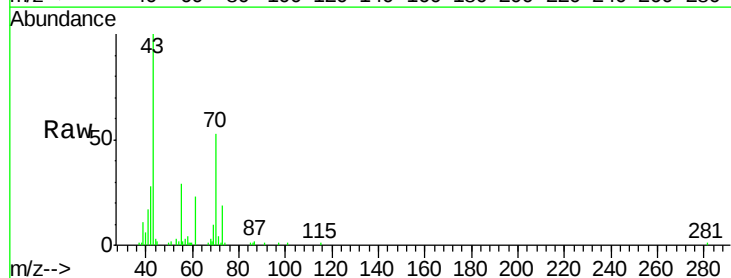
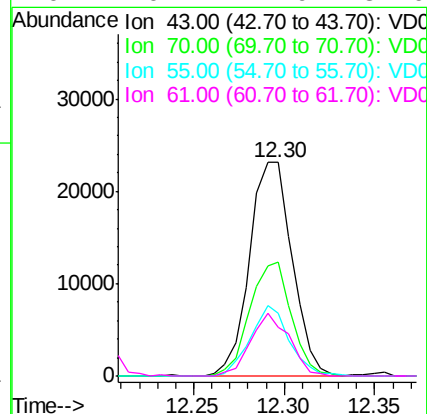
Ion Ratio Lower Upper

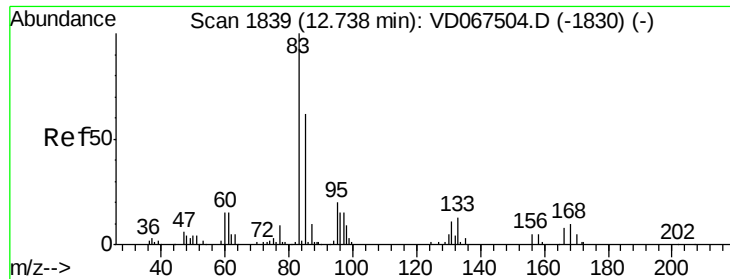
43 100

70 51.5 42.6 64.0

55 30.0 23.7 35.5

61 26.4 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.423 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

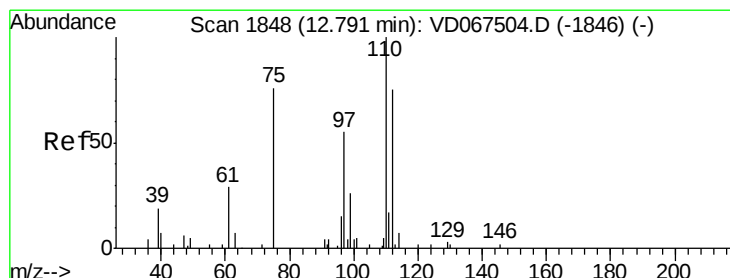
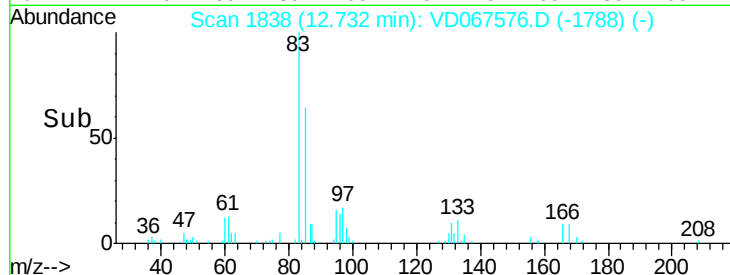
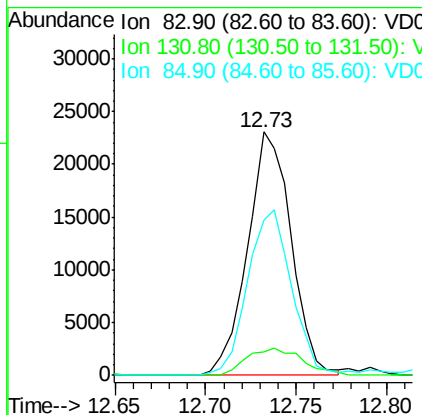
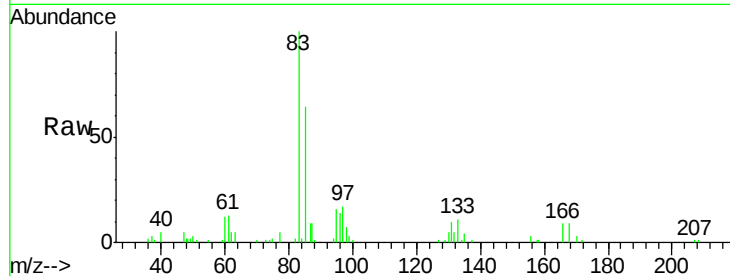
ClientSampleId :

VD1110SBS01

Tot Ion:	83	Resp:	38610
Ion Ratio	Lower	Upper	
83	100		
131	14.1	7.1	21.3
85	68.3	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.189 ug/l m

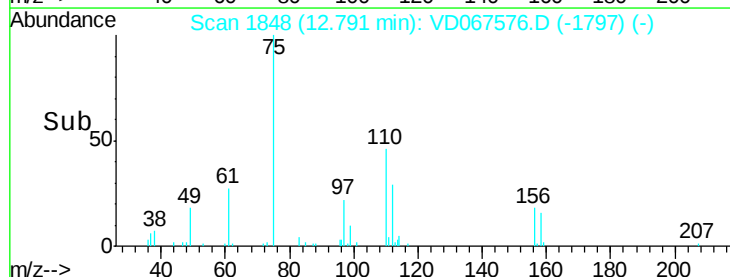
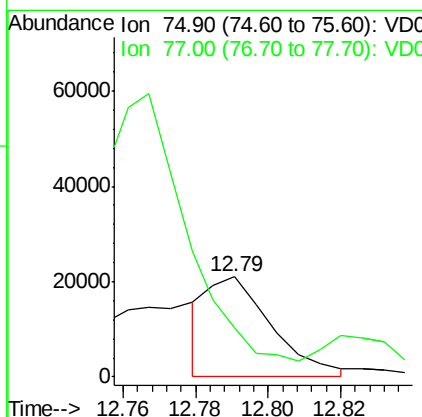
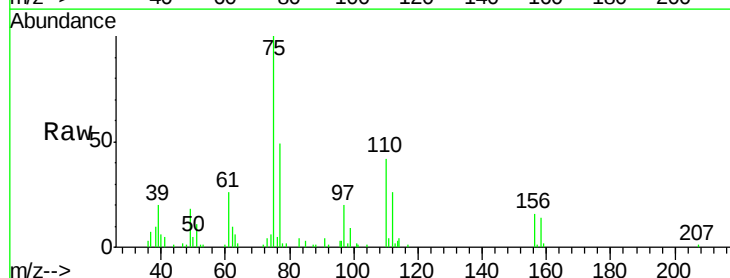
RT: 12.79 min Scan# 1848

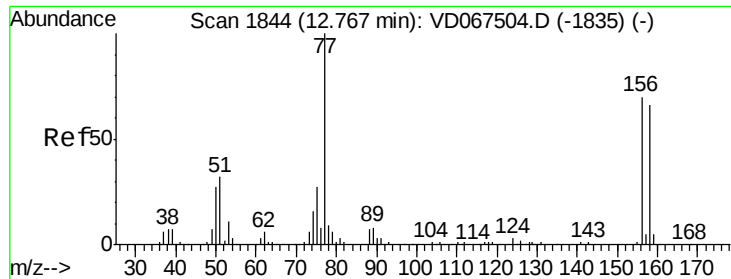
Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion:	75	Resp:	26141
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.297 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

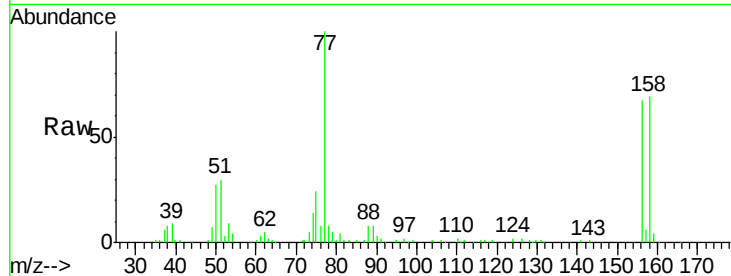
ClientSampleId :

VD1110SBS01

Tot Ion:	156	Resp:	69126
Ion Ratio	Lower	Upper	
156	100		
77	158.3	77.8	233.5
158	99.3	47.9	143.7

Manual Integrations
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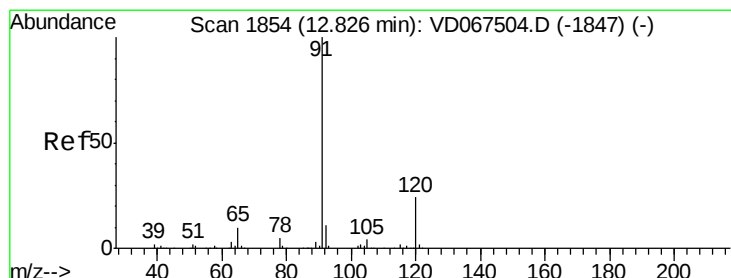
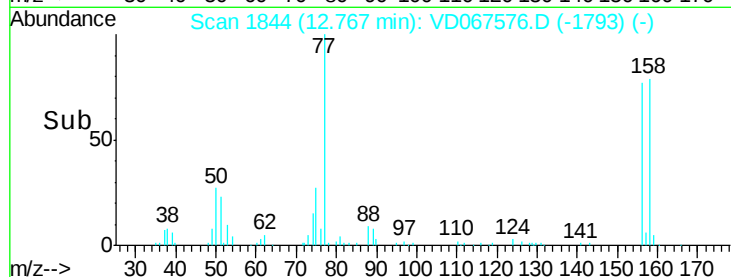
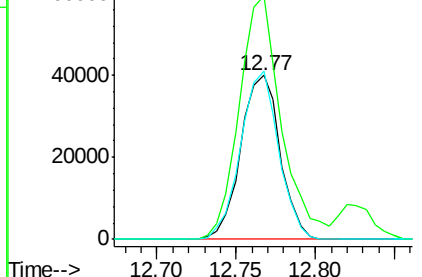
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.620 ug/l

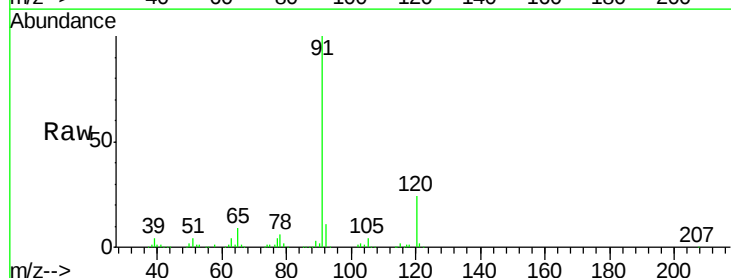
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067576.D

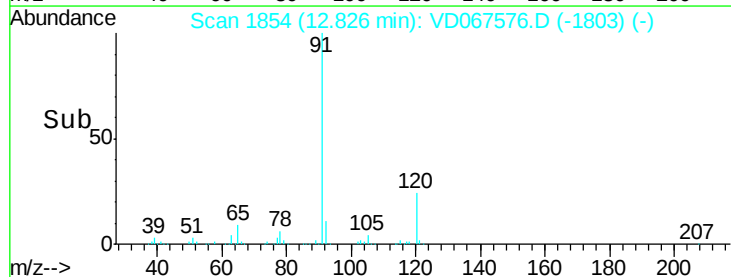
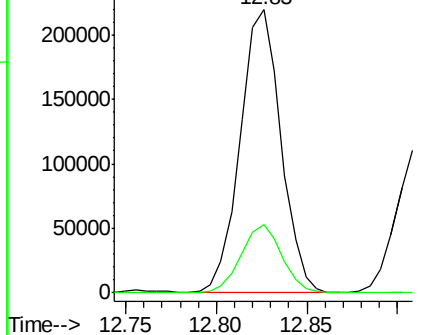
Acq: 10 Nov 2020 12:21

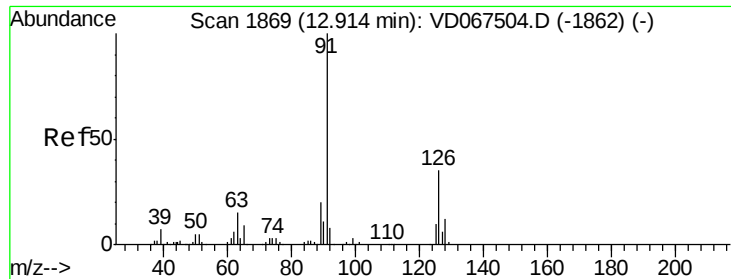
Tgt Ion:	91	Resp:	341967
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





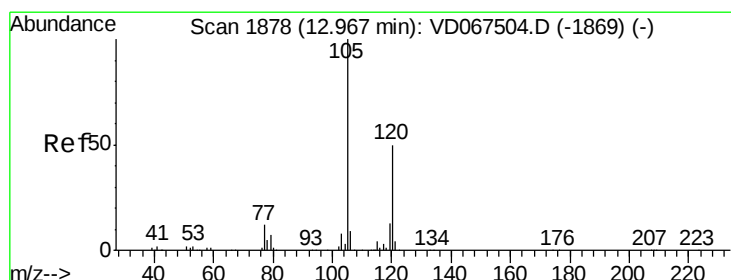
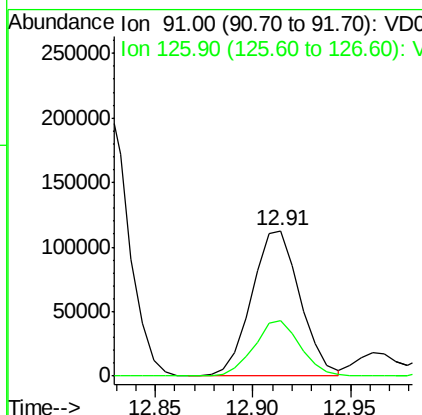
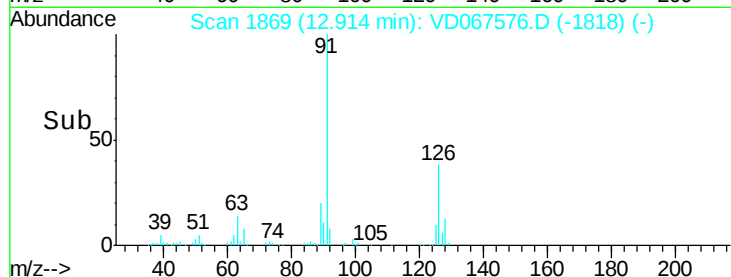
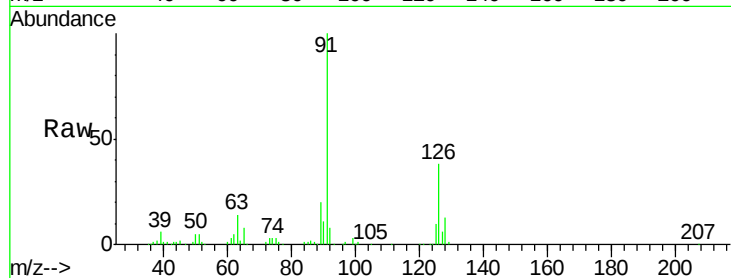
#79
2-Chlorotoluene
Concen: 22.483 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 91 Resp: 193074
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.4

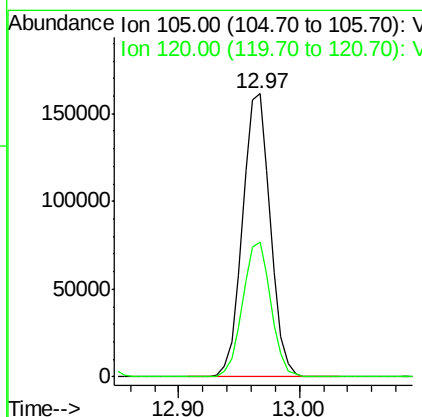
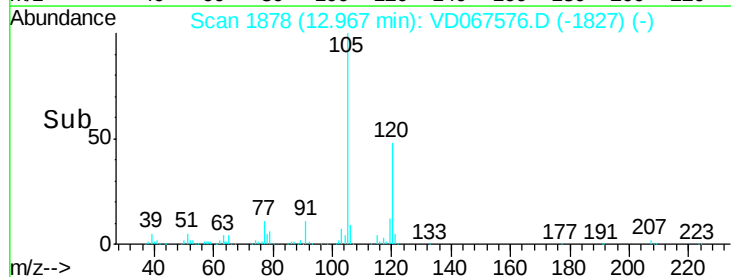
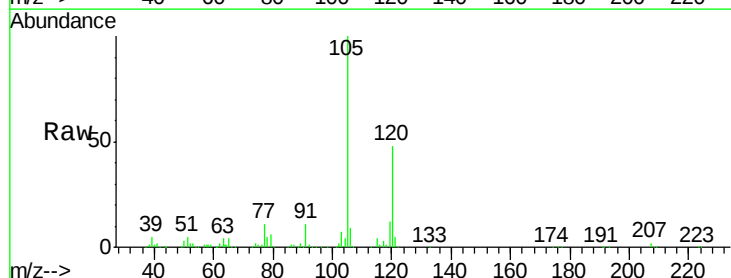
Manual Integrations
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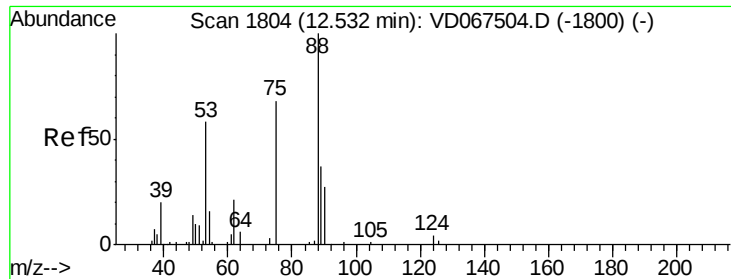
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#80
1,3,5-Trimethylbenzene
Concen: 22.941 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 105 Resp: 259018
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8





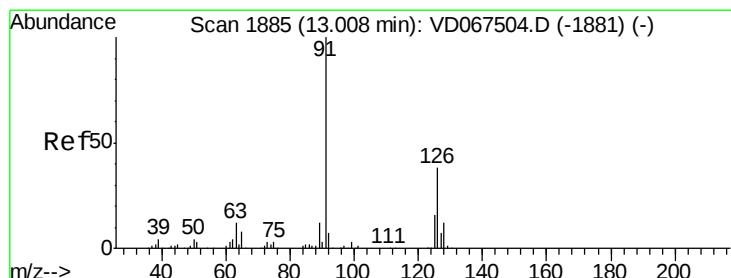
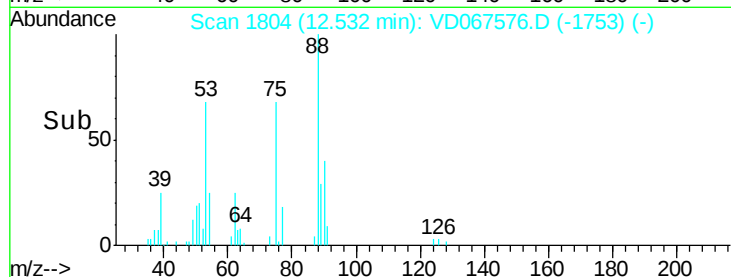
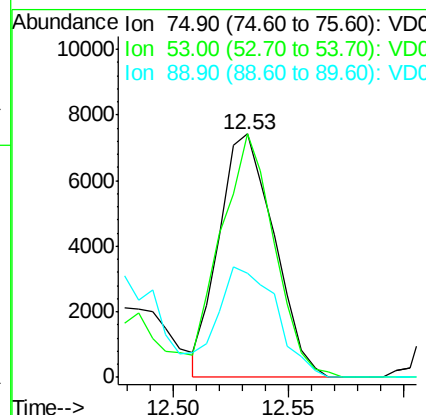
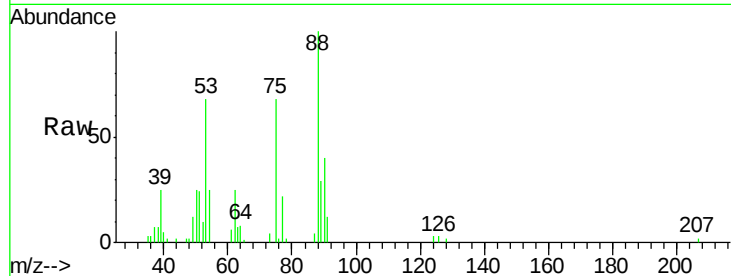
#81
trans-1,4-Dichloro-2-butene
Concen: 20.304 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	75.9	113.9
89	50.1	44.6	67.0

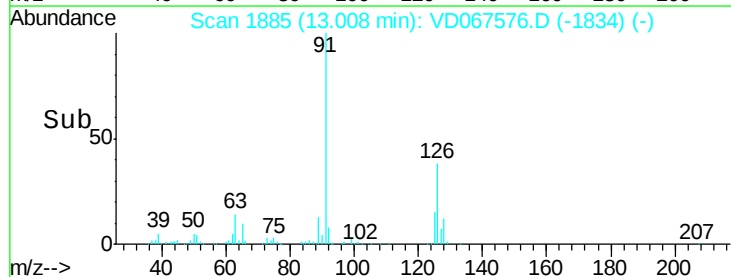
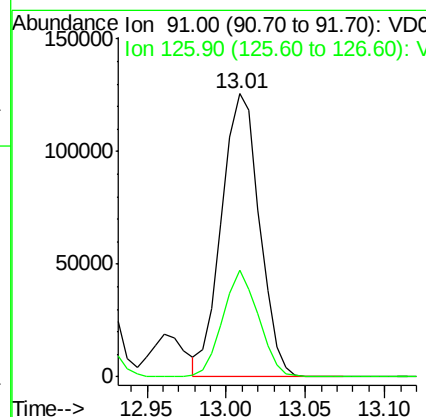
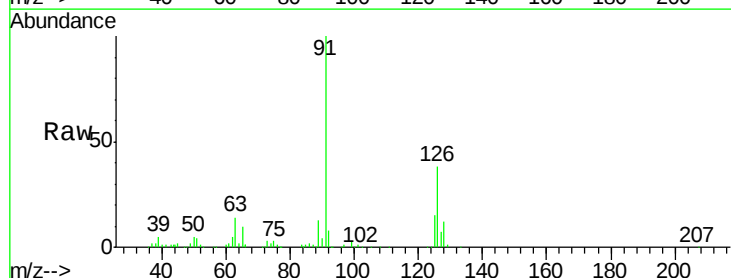
Manual Integrations
APPROVED

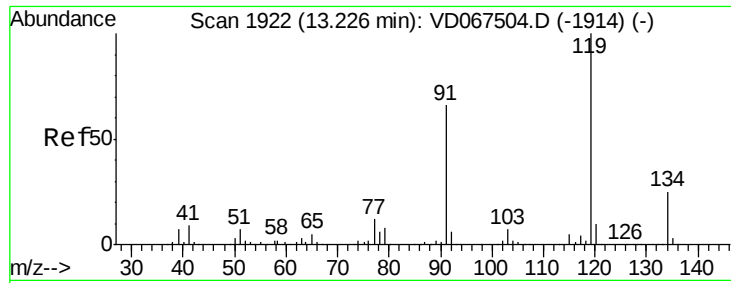
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#82
4-Chlorotoluene
Concen: 22.707 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7





#83

tert-Butylbenzene

Concen: 23.164 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

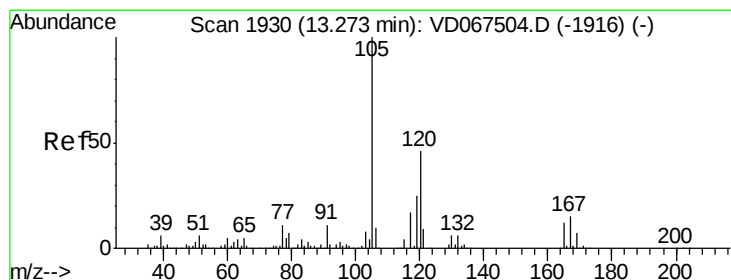
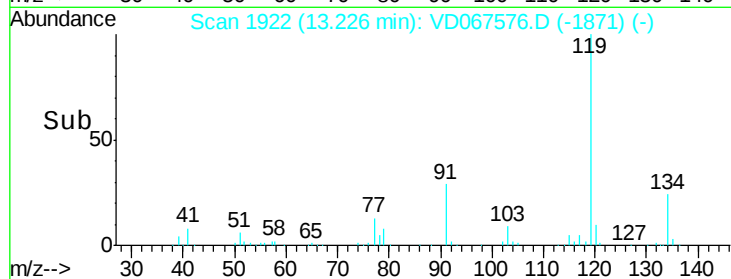
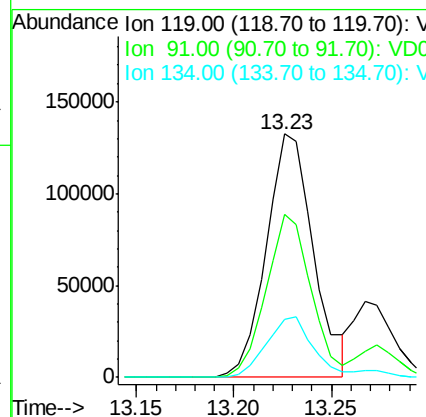
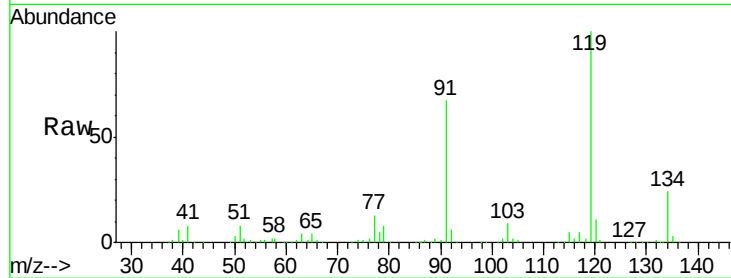
ClientSampleId :

VD1110SBS01

Tot Ion:	119	Resp:	221655
Ion Ratio	Lower	Upper	
119	100		
91	63.6	32.7	98.1
134	25.0	13.4	40.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 22.673 ug/l

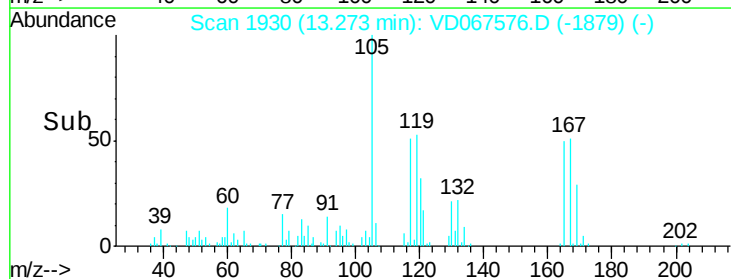
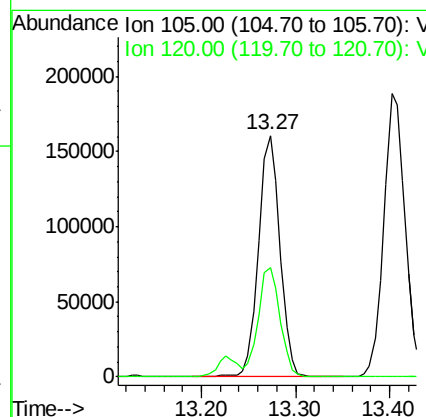
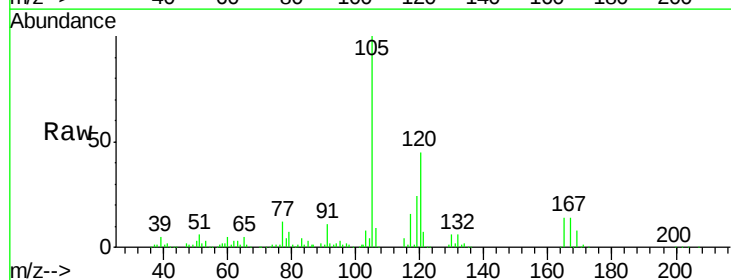
RT: 13.27 min Scan# 1930

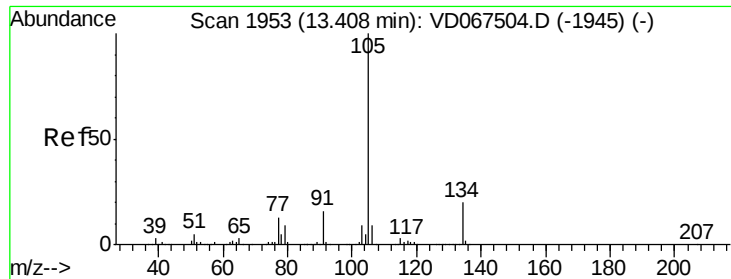
Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion:	105	Resp:	254816
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.1	66.1





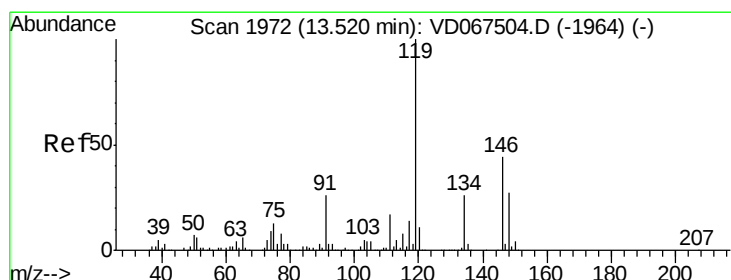
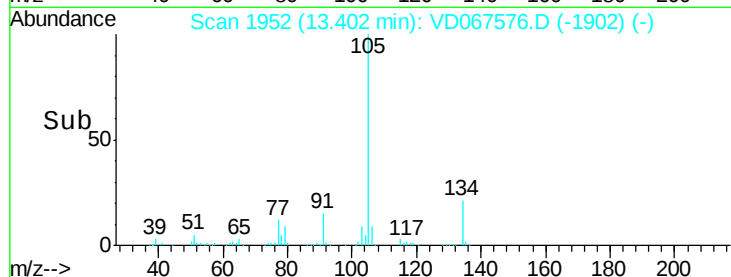
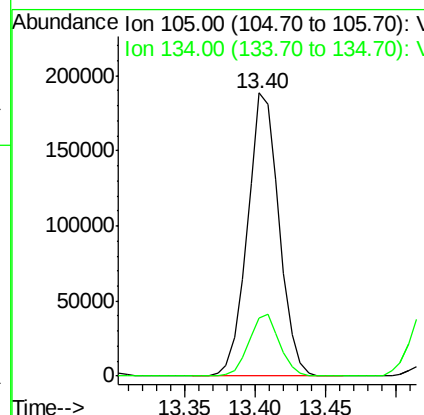
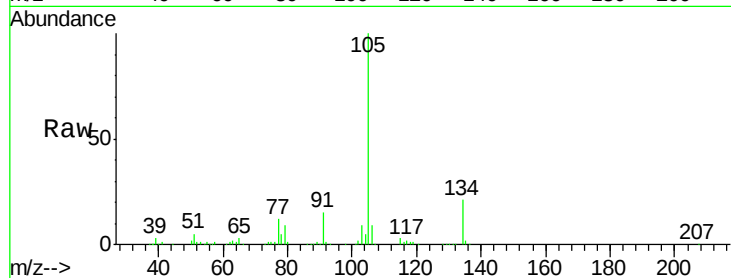
#85
 sec-Butylbenzene
 Concen: 22.843 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.4	31.4

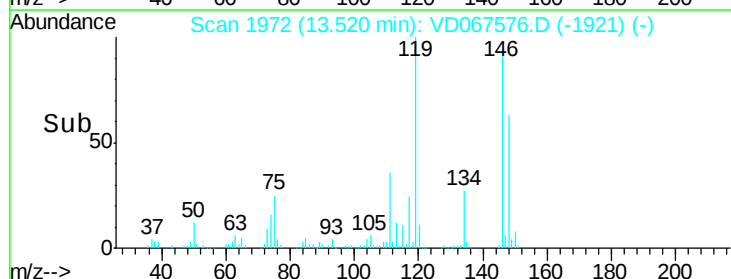
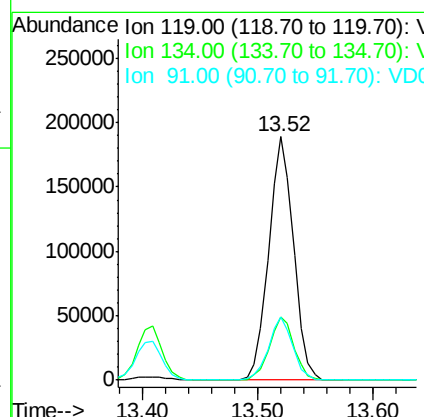
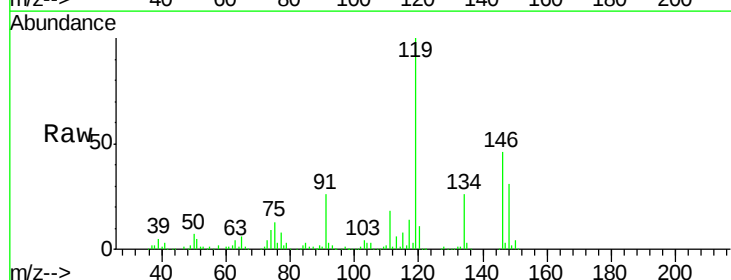
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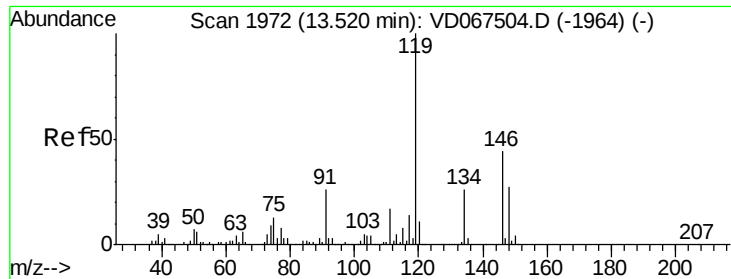
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#86
 p-Isopropyltoluene
 Concen: 22.721 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.3
91	25.1	12.2	36.4





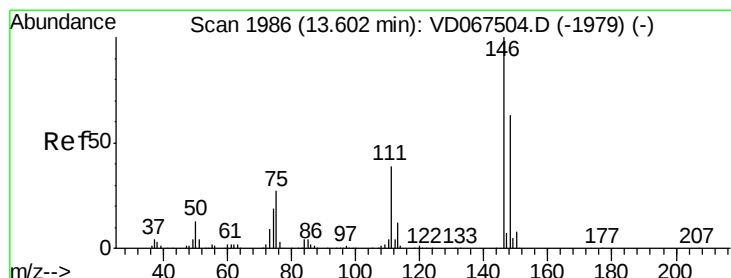
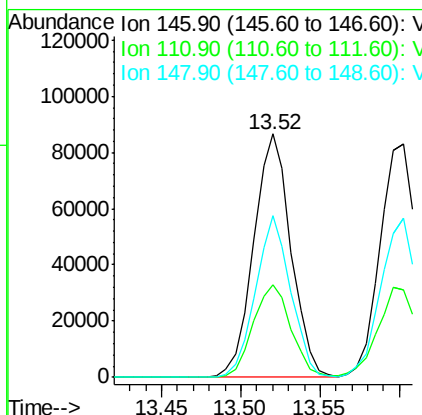
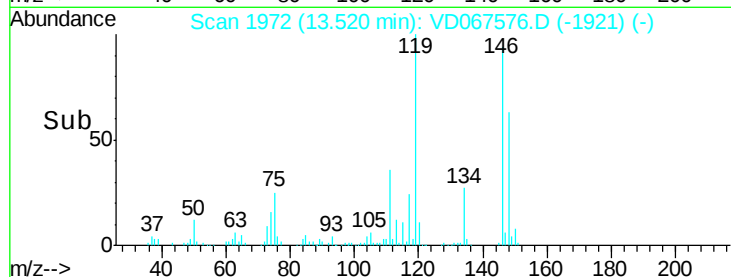
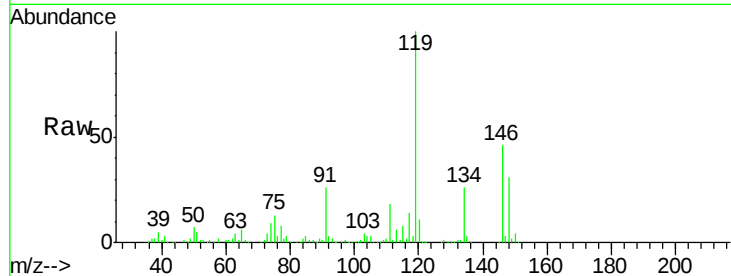
#87
 1,3-Dichlorobenzene
 Concen: 22.855 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.8
148	62.7	31.9	95.9

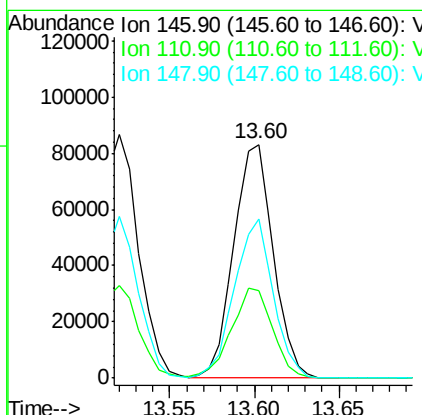
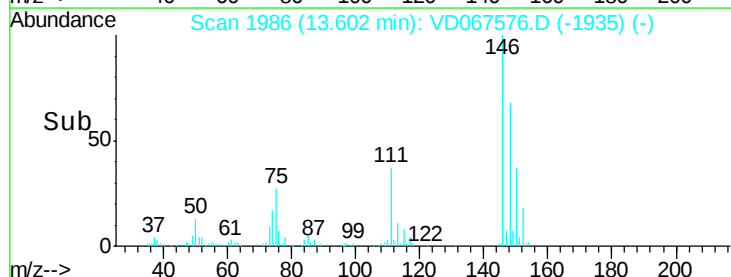
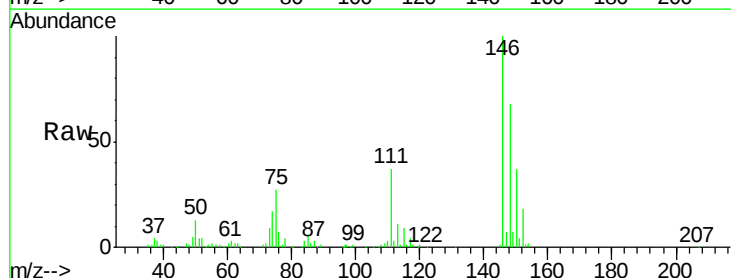
Manual Integrations
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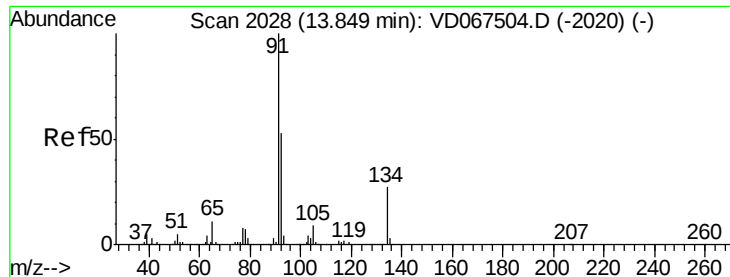
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#88
 1,4-Dichlorobenzene
 Concen: 21.702 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	66.8	31.8	95.4





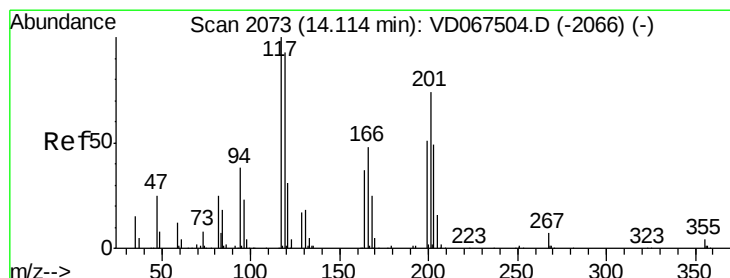
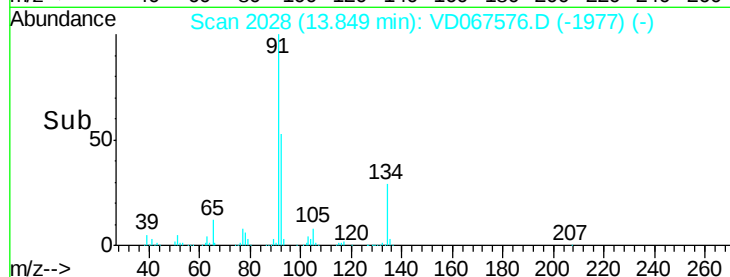
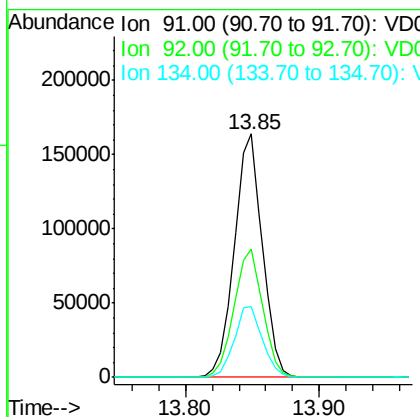
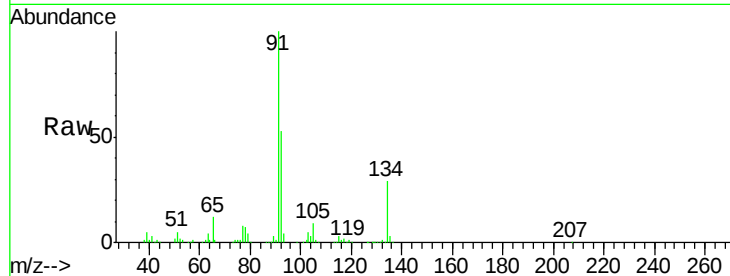
#89
n-Butylbenzene
Concen: 22.144 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.8
134	29.5	14.1	42.2

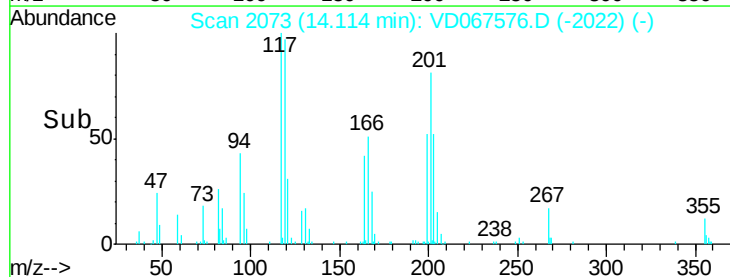
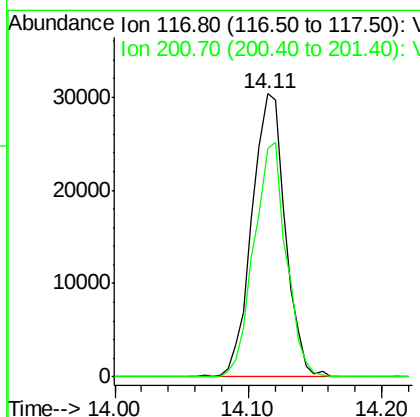
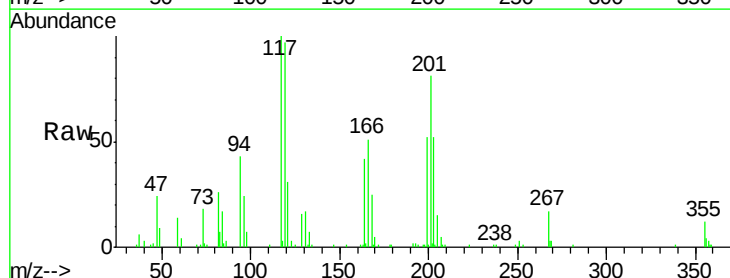
Manual Integrations
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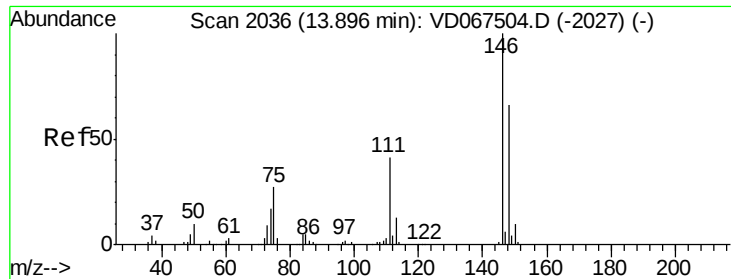
MMDadoda
11/11/2020 1:04:12 PM



#90
Hexachloroethane
Concen: 22.195 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	40.7	122.1





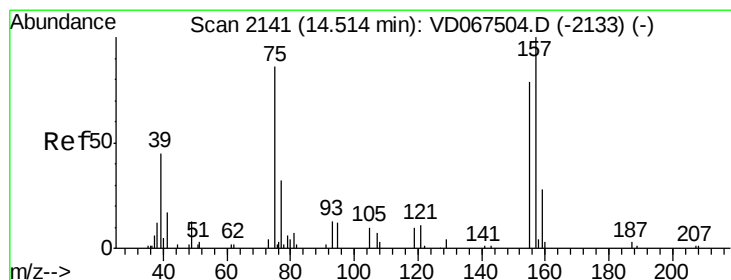
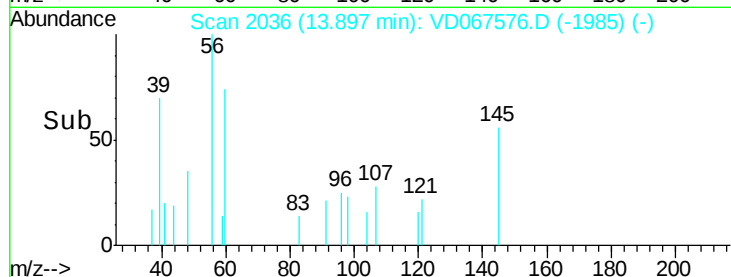
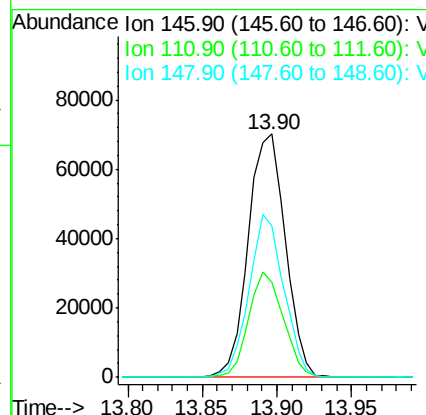
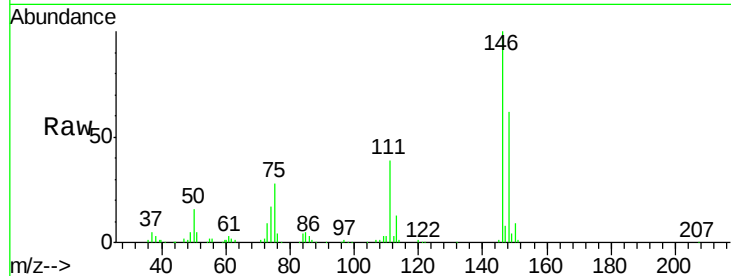
#91
 1,2-Dichlorobenzene
 Concen: 22.468 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.7	62.1
148	62.8	31.5	94.5

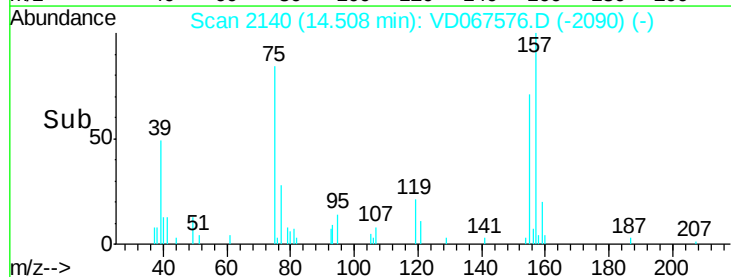
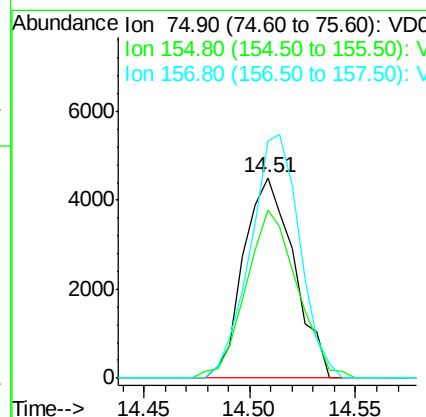
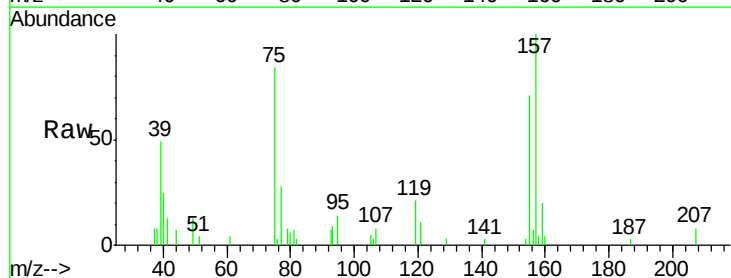
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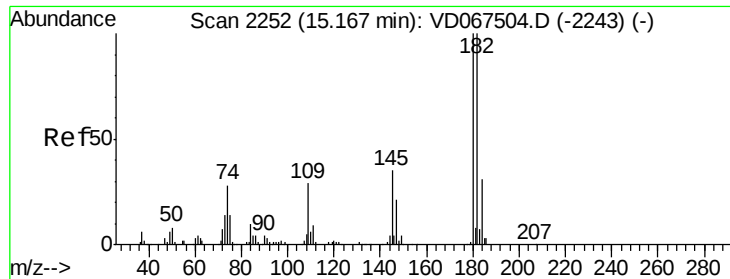
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.275 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	46.6	139.8
157	120.0	58.1	174.2





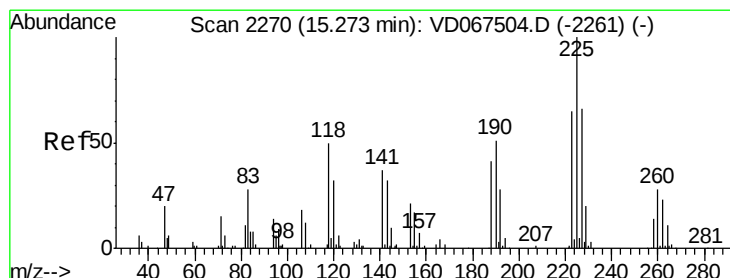
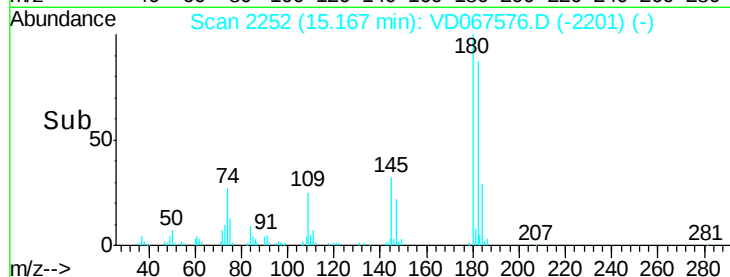
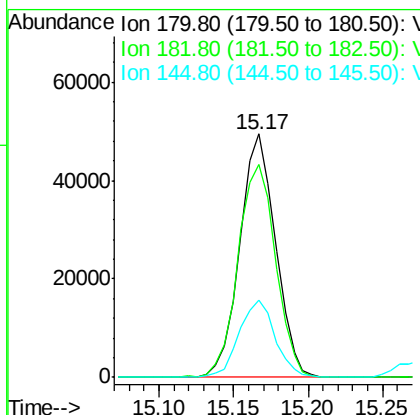
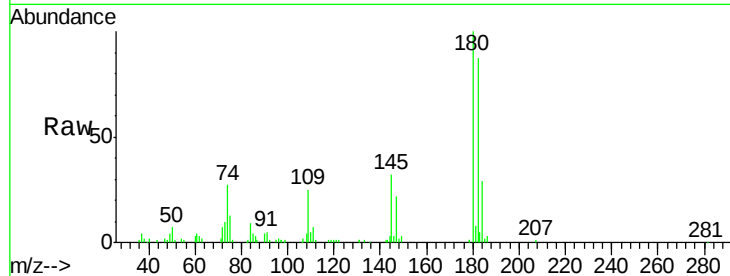
#93
 1,2,4-Trichlorobenzene
 Concen: 22.568 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.2	47.4	142.3	
145	32.0	16.2	48.6	

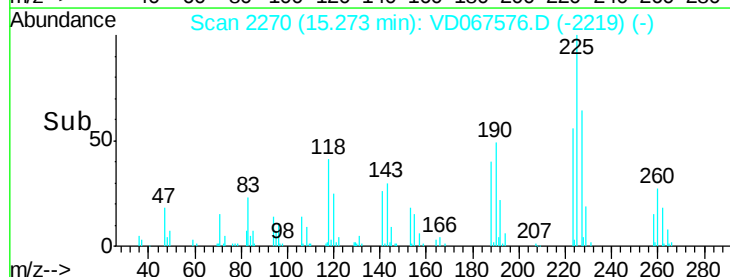
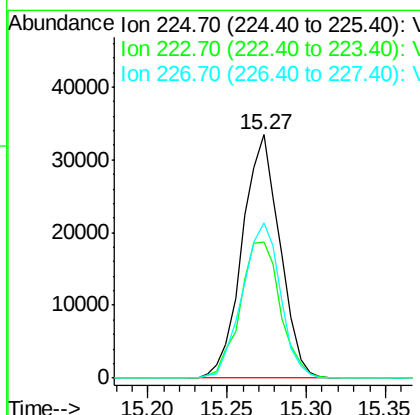
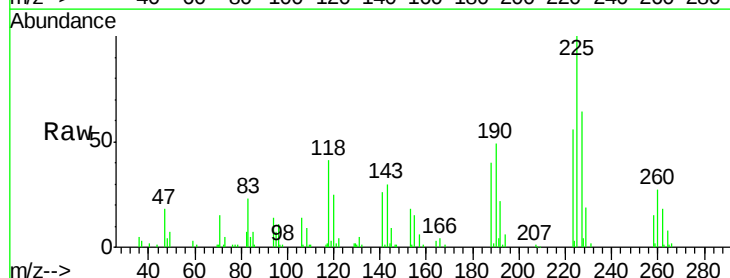
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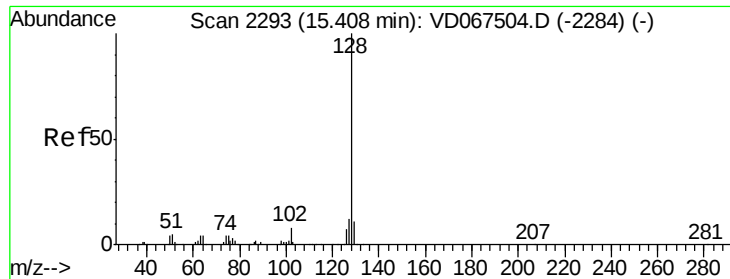
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#94
 Hexachlorobutadiene
 Concen: 22.689 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.7	31.9	95.5	
227	64.4	32.5	97.4	





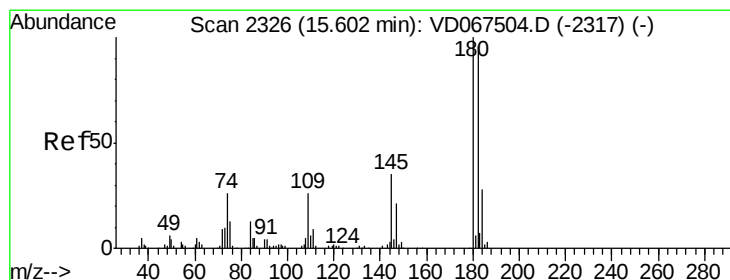
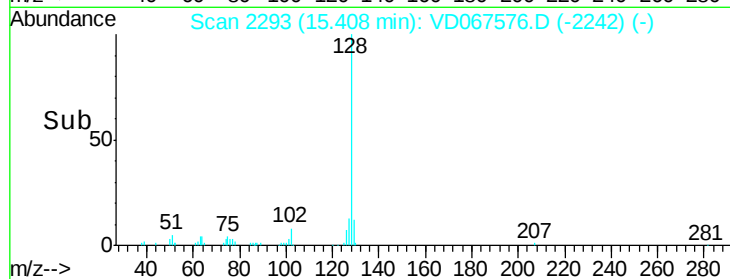
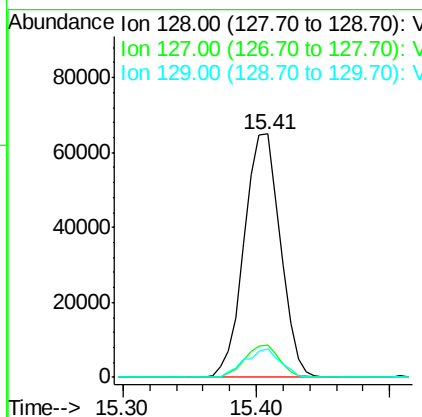
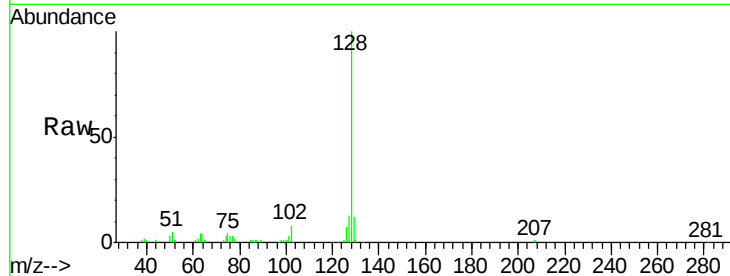
#95
Naphthalene
Concen: 21.700 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	121839		
127	12.9	10.2	15.4	
129	11.5	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.852 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68081		
182	96.7	46.9	140.8	
145	32.6	17.1	51.2	

