

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074583.D
 Acq On : 19 Oct 2022 17:12
 Operator : VA/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Quant Time: Oct 20 06:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	93982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	156639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	129242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32231	44.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.840%
35) Dibromofluoromethane	7.804	113	39063	44.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.800%
50) Toluene-d8	10.269	98	146639	46.772	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.540%
62) 4-Bromofluorobenzene	12.575	95	42502	47.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	14975	20.528	ug/l	93
3) Chloromethane	2.146	50	20874	21.138	ug/l	93
4) Vinyl Chloride	2.281	62	21997	20.143	ug/l	92
5) Bromomethane	2.681	94	17210	20.810	ug/l	99
6) Chloroethane	2.834	64	15411	20.525	ug/l	99
7) Trichlorofluoromethane	3.175	101	31463	20.326	ug/l	90
8) Diethyl Ether	3.587	74	8821	19.677	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	19942	19.977	ug/l	98
10) Methyl Iodide	4.163	142	21771	19.371	ug/l	99
11) Tert butyl alcohol	5.010	59	5467	Below Cal	#	84
12) 1,1-Dichloroethene	3.946	96	20521	20.553	ug/l	85
13) Acrolein	3.799	56	7405	96.358	ug/l	100
14) Allyl chloride	4.563	41	22421	20.794	ug/l	98
15) Acrylonitrile	5.258	53	18538	101.183	ug/l	96
16) Acetone	4.022	43	13258	84.615	ug/l	99
17) Carbon Disulfide	4.275	76	56752	20.772	ug/l	98
18) Methyl Acetate	4.569	43	9695	21.239	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	38926	19.951	ug/l	98
20) Methylene Chloride	4.799	84	32582	21.264	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	22496	20.211	ug/l	88
22) Diisopropyl ether	6.210	45	45147	20.750	ug/l	92
23) Vinyl Acetate	6.157	43	71456	75.101	ug/l	98
24) 1,1-Dichloroethane	6.110	63	35140	20.809	ug/l	94
25) 2-Butanone	7.087	43	19461	92.882	ug/l	97
26) 2,2-Dichloropropane	7.075	77	30713	19.029	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	24644	19.963	ug/l	99
28) Bromochloromethane	7.428	49	5700	14.990	ug/l	# 91
29) Tetrahydrofuran	7.446	42	11848	103.677	ug/l	95
30) Chloroform	7.599	83	36698	20.196	ug/l	97
31) Cyclohexane	7.875	56	29112	20.198	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	35184	21.115	ug/l	94
36) 1,1-Dichloropropene	8.010	75	27280	19.387	ug/l	98
37) Ethyl Acetate	7.163	43	8798	19.817	ug/l	96
38) Carbon Tetrachloride	7.993	117	26531	19.254	ug/l	90
39) Methylcyclohexane	9.275	83	34326	20.416	ug/l	94
40) Benzene	8.251	78	83804	20.067	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4842	20.242	ug/l	95
42) 1,2-Dichloroethane	8.328	62	19296	20.023	ug/l	99
43) Isopropyl Acetate	8.363	43	16788	20.347	ug/l	97
44) Trichloroethene	9.028	130	24418	19.959	ug/l	90
45) 1,2-Dichloropropane	9.304	63	18755	20.464	ug/l	92
46) Dibromomethane	9.398	93	10919	20.646	ug/l	98
47) Bromodichloromethane	9.587	83	27230	20.810	ug/l	87
48) Methyl methacrylate	9.381	41	7406	19.641	ug/l	99
49) 1,4-Dioxane	9.381	88	2127	408.640	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	40715	99.208	ug/l	99
52) Toluene	10.334	92	51213	19.885	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	21389	18.592	ug/l	89
54) cis-1,3-Dichloropropene	10.016	75	29077	20.045	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	13808	19.003	ug/l	96
56) Ethyl methacrylate	10.598	69	15021	18.911	ug/l	99
57) 1,3-Dichloropropane	10.881	76	22055	18.710	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	10266	79.570	ug/l	95
59) 2-Hexanone	10.922	43	25871	92.358	ug/l	98
60) Dibromochloromethane	11.075	129	16560	18.908	ug/l	98
61) 1,2-Dibromoethane	11.181	107	12323	18.579	ug/l	95
64) Tetrachloroethene	10.810	164	18800	19.679	ug/l	97
65) Chlorobenzene	11.604	112	53700	19.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	18403	19.676	ug/l	95
67) Ethyl Benzene	11.687	91	95720	20.192	ug/l	100
68) m/p-Xylenes	11.792	106	76786	40.738	ug/l	98
69) o-Xylene	12.122	106	35791	20.403	ug/l	97
70) Styrene	12.134	104	61529	20.827	ug/l	99
71) Bromoform	12.298	173	9707	19.768	ug/l #	96
73) Isopropylbenzene	12.422	105	94530	19.811	ug/l	98
74) N-amyl acetate	12.234	43	13729	19.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	15346	20.316	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	17446	32.657	ug/l #	1
77) Bromobenzene	12.704	156	20715	19.236	ug/l	97
78) n-propylbenzene	12.763	91	115282	20.444	ug/l	99
79) 2-Chlorotoluene	12.845	91	61059	19.987	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	78093	20.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3738	17.881	ug/l	97
82) 4-Chlorotoluene	12.945	91	63215	20.141	ug/l	100
83) tert-Butylbenzene	13.163	119	69068	19.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	77599	20.359	ug/l	97
85) sec-Butylbenzene	13.345	105	104679	20.188	ug/l	99
86) p-Isopropyltoluene	13.463	119	88034	20.266	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	44691	19.970	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	44857	20.476	ug/l	98
89) n-Butylbenzene	13.786	91	79248	20.024	ug/l	97
90) Hexachloroethane	14.051	117	14806	19.582	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	38844	20.808	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2015	19.289	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	24800	20.139	ug/l	98
94) Hexachlorobutadiene	15.198	225	13309	19.645	ug/l	100
95) Naphthalene	15.328	128	45027	19.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21847	20.696	ug/l	97

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ALS Vial : 15 Sample Multiplier: 1

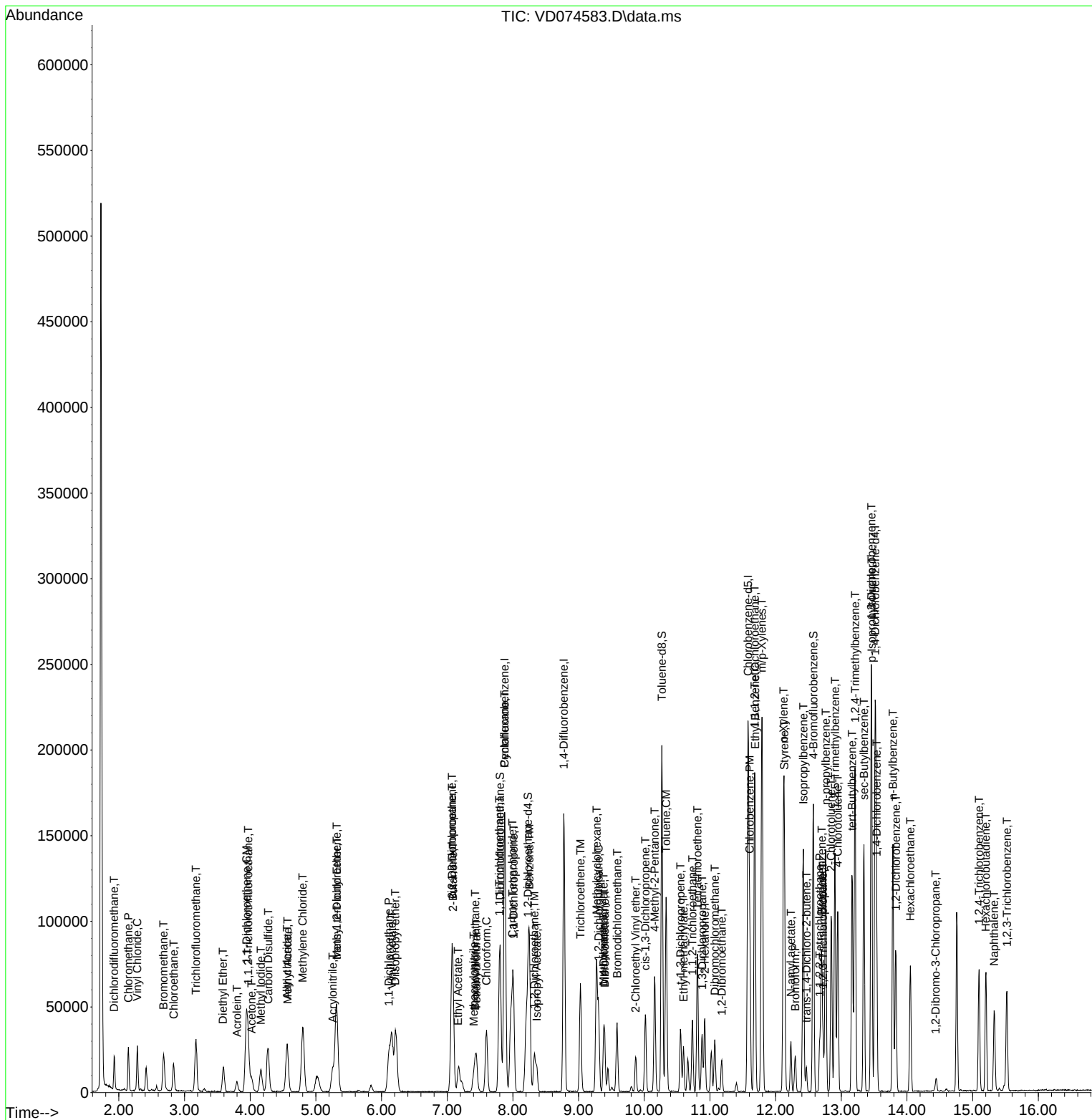
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

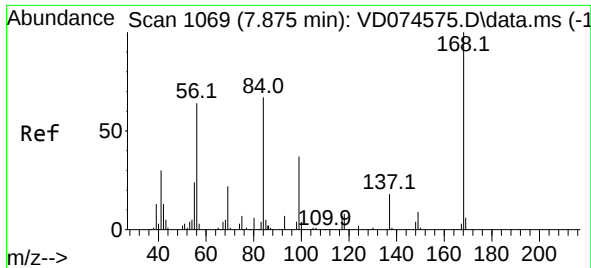
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Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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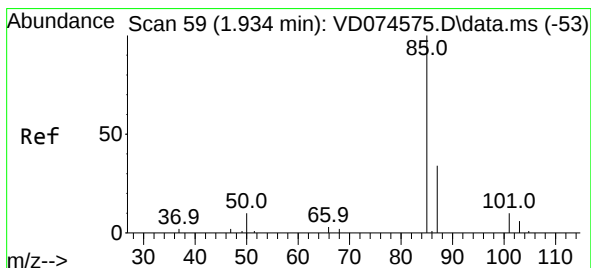
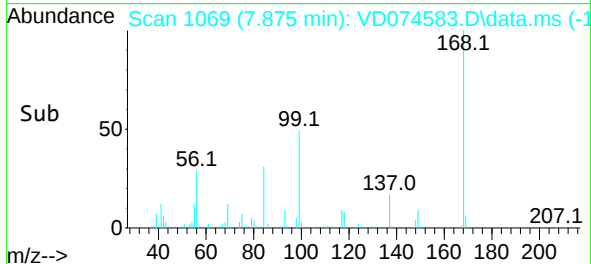
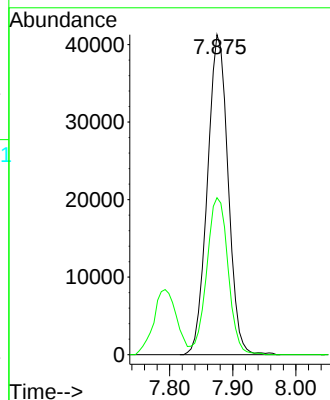
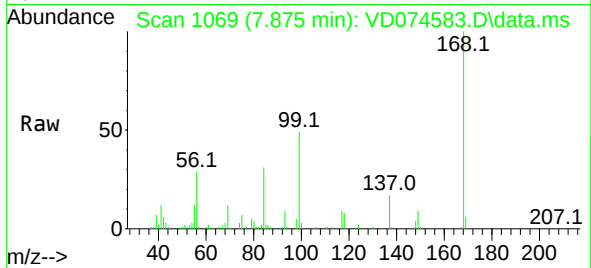




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

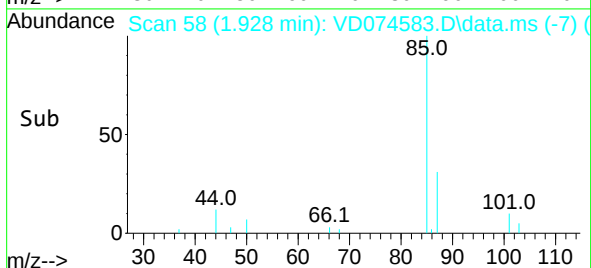
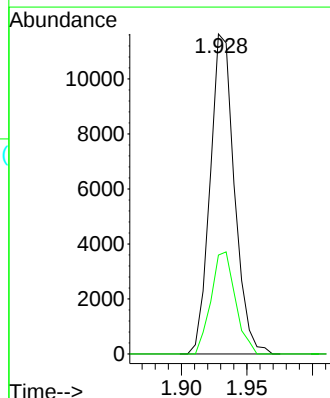
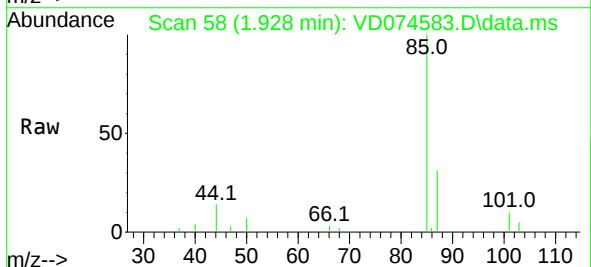
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

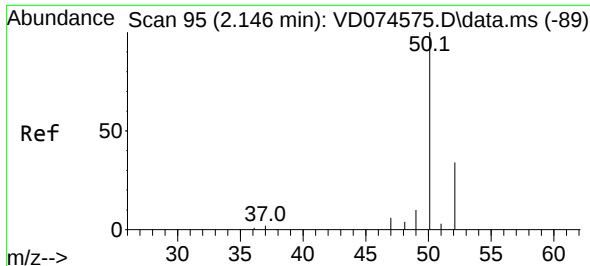
Tgt Ion:168 Resp: 93982
Ion Ratio Lower Upper
168 100
99 49.1 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 20.528 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 85 Resp: 14975
Ion Ratio Lower Upper
85 100
87 30.9 17.5 52.6

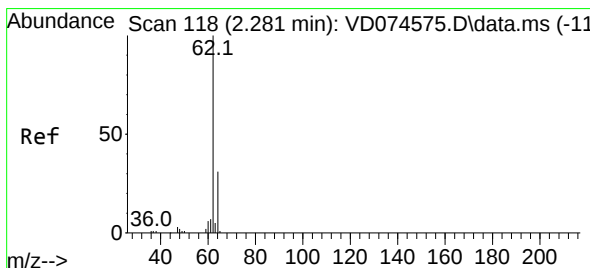
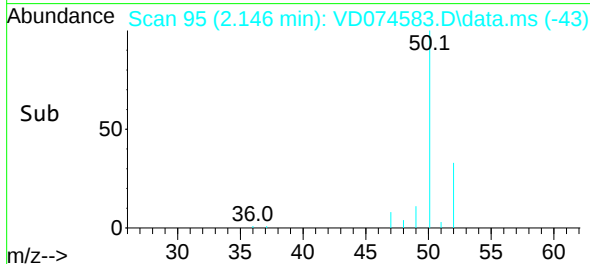
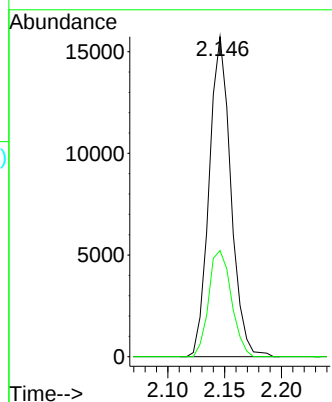
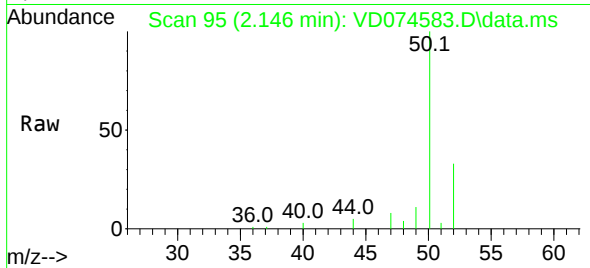




#3
Chloromethane
Concen: 21.138 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

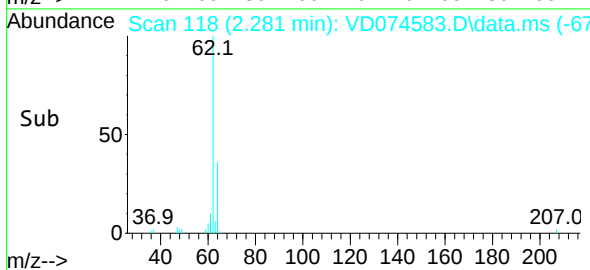
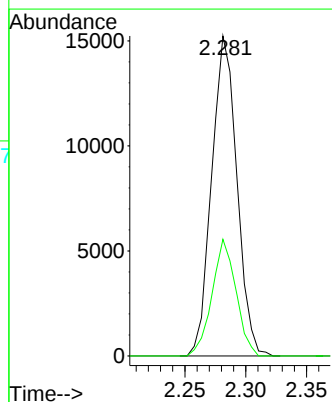
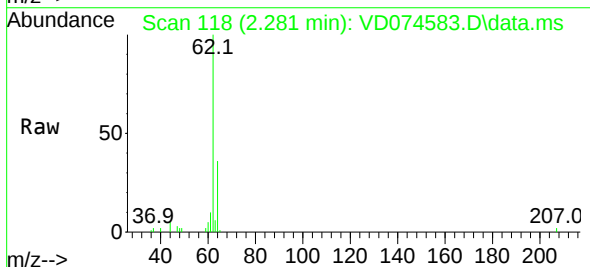
Instrument :
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ClientSampleId :
VD1019SBS01

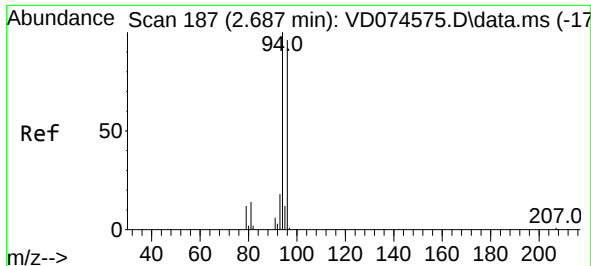
Tgt Ion: 50 Resp: 20874
Ion Ratio Lower Upper
50 100
52 33.1 30.0 45.0



#4
Vinyl Chloride
Concen: 20.143 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 62 Resp: 21997
Ion Ratio Lower Upper
62 100
64 36.4 25.5 38.3

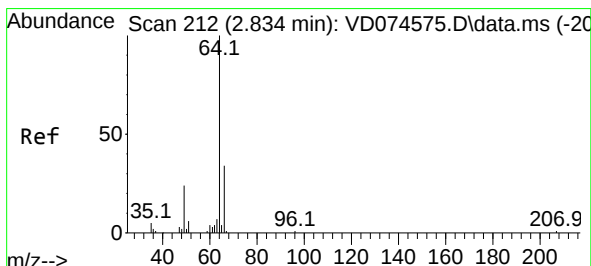
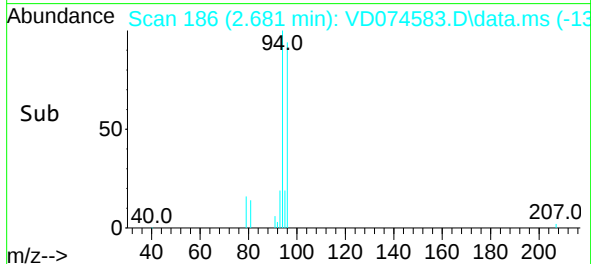
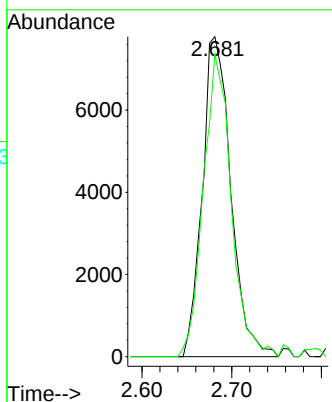
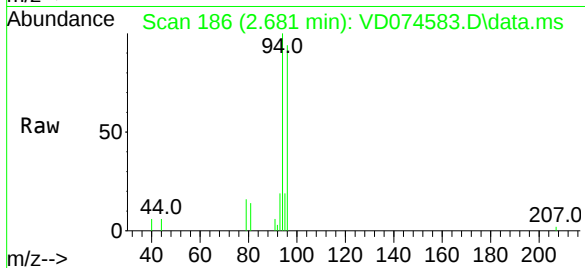




#5
Bromomethane
Concen: 20.810 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

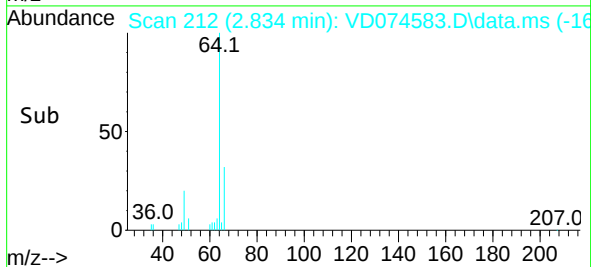
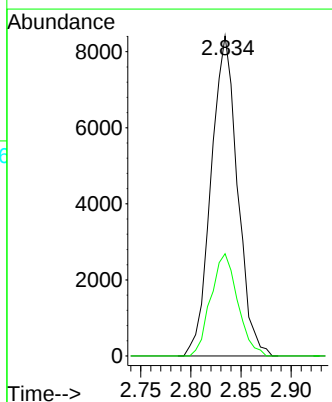
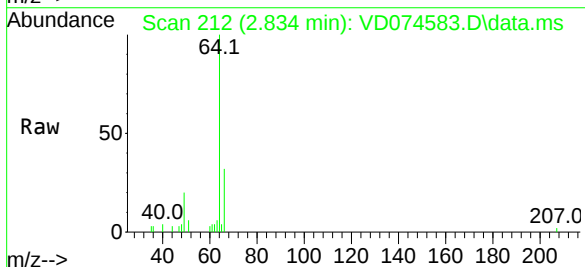
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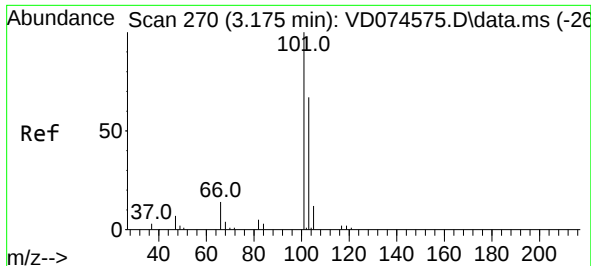
Tgt Ion: 94 Resp: 17210
Ion Ratio Lower Upper
94 100
96 94.3 74.6 112.0



#6
Chloroethane
Concen: 20.525 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 64 Resp: 15411
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.8

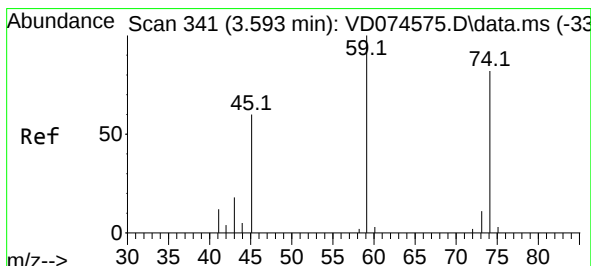
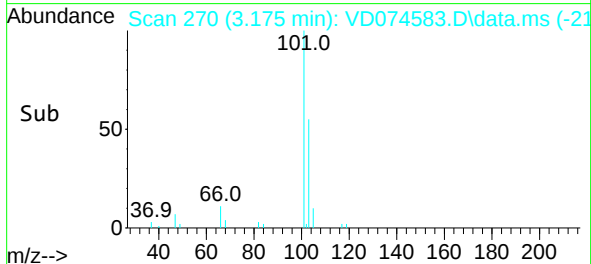
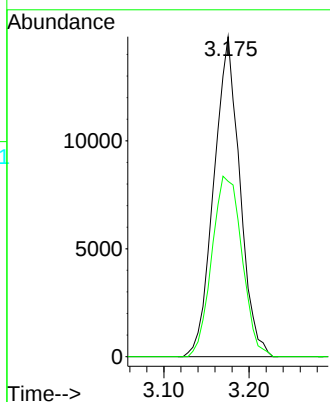
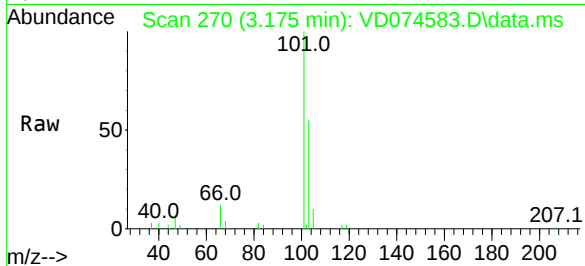




#7
Trichlorofluoromethane
Concen: 20.326 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

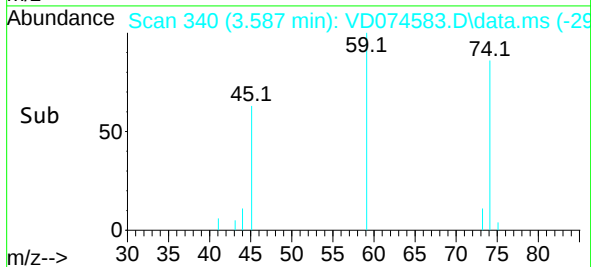
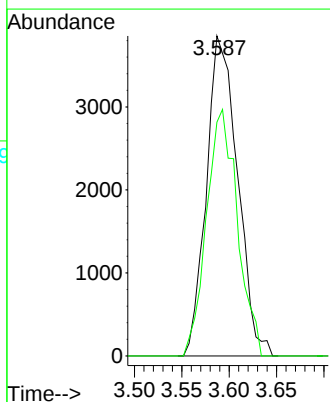
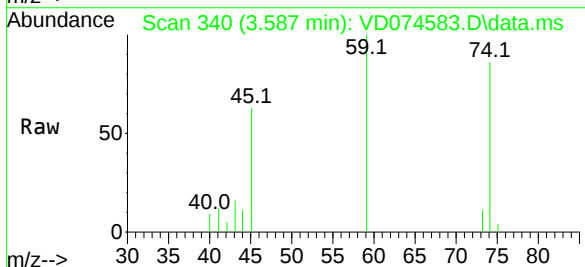
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

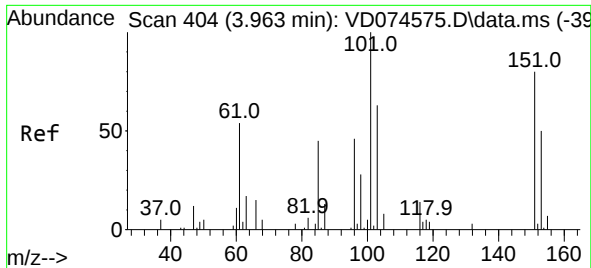
Tgt Ion:101 Resp: 31463
Ion Ratio Lower Upper
101 100
103 54.8 49.8 74.8



#8
Diethyl Ether
Concen: 19.677 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 74 Resp: 8821
Ion Ratio Lower Upper
74 100
45 76.1 37.9 113.6

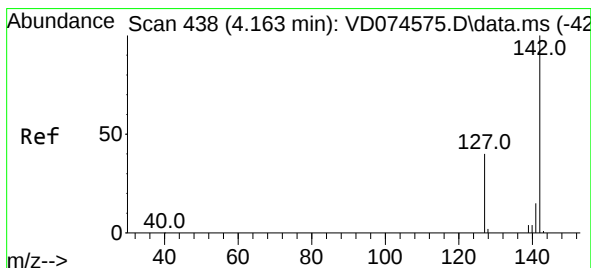
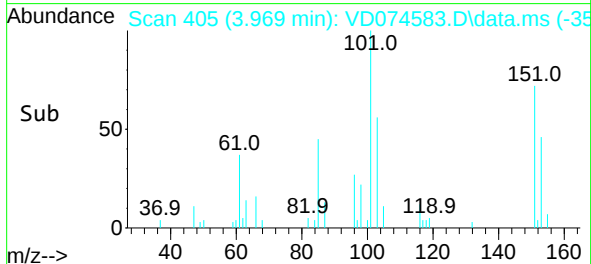
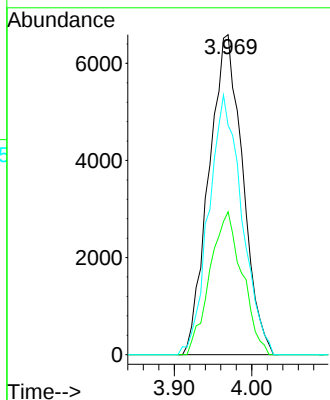
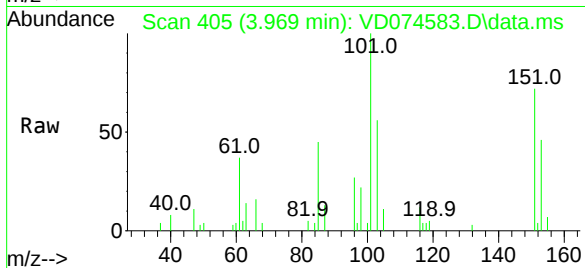




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.977 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

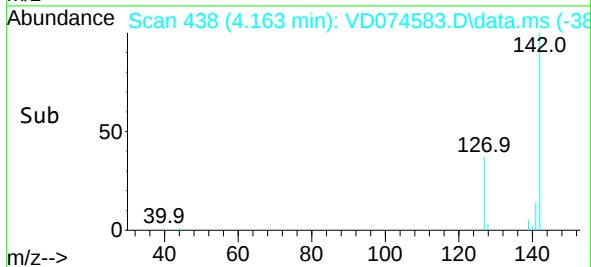
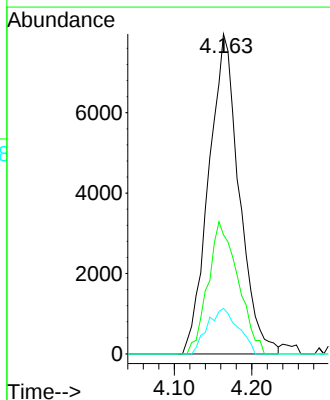
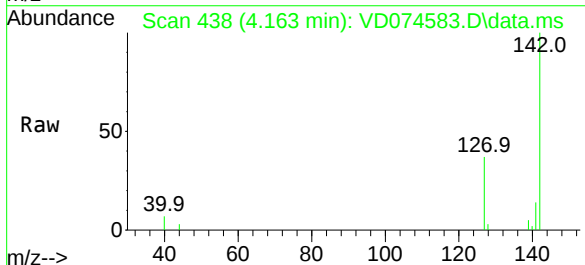
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

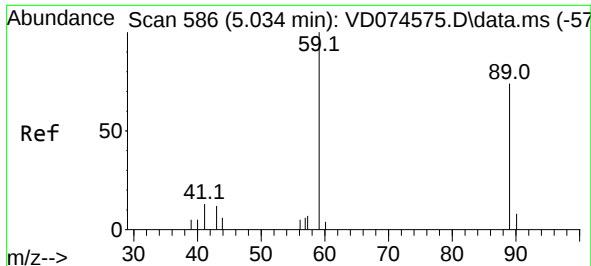
Tgt Ion:101 Resp: 19942
Ion Ratio Lower Upper
101 100
85 42.9 34.1 51.1
151 79.7 61.7 92.5



#10
Methyl Iodide
Concen: 19.371 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion:142 Resp: 21771
Ion Ratio Lower Upper
142 100
127 40.7 31.9 47.9
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.010 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

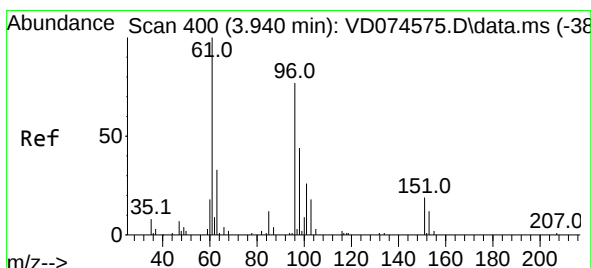
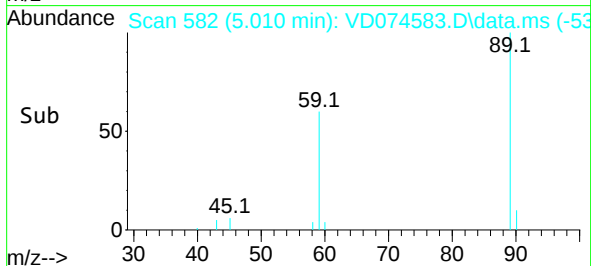
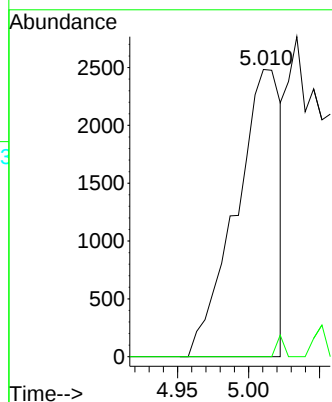
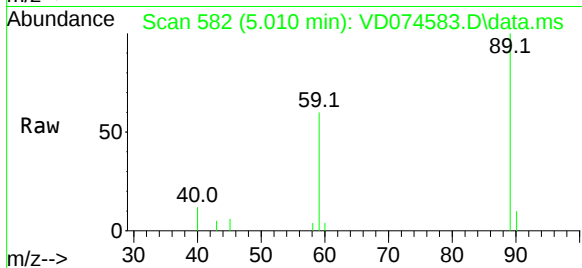
VD1019SBS01

Tgt Ion: 59 Resp: 5467

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 20.553 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.012 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

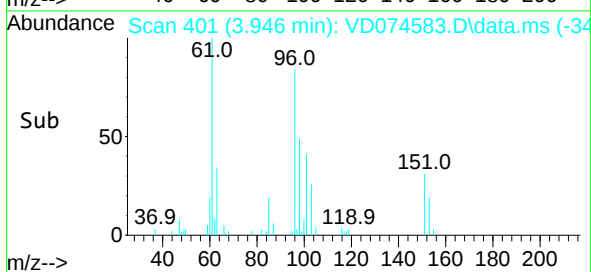
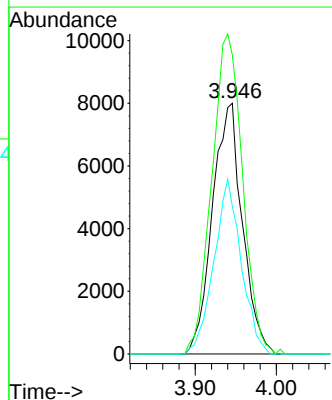
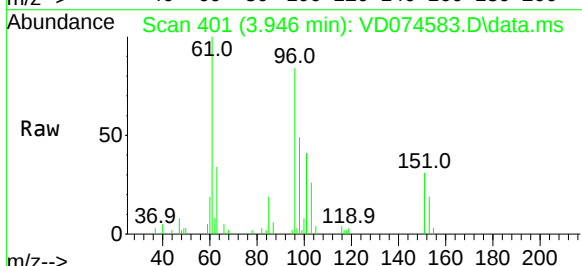
Tgt Ion: 96 Resp: 20521

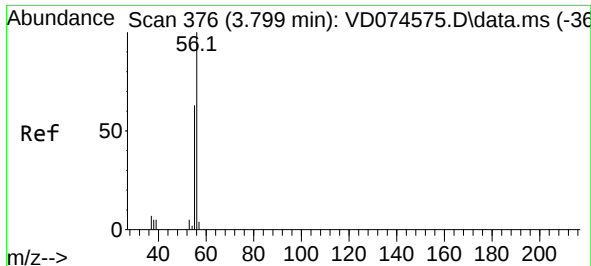
Ion Ratio Lower Upper

96 100

61 119.1 113.9 170.9

98 58.9 51.8 77.8





#13

Acrolein

Concen: 96.358 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

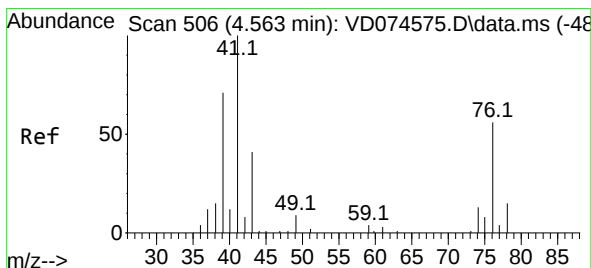
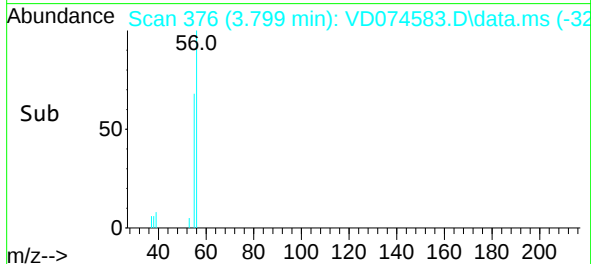
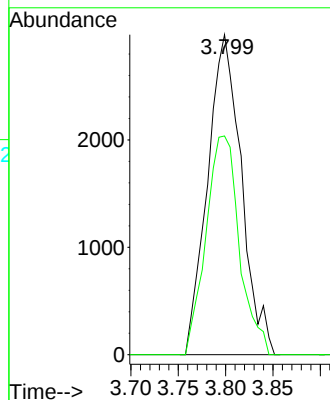
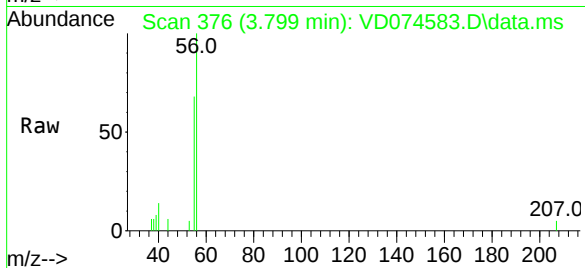
VD1019SBS01

Tgt Ion: 56 Resp: 7405

Ion Ratio Lower Upper

56 100

55 67.5 54.0 81.0



#14

Allyl chloride

Concen: 20.794 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.011 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

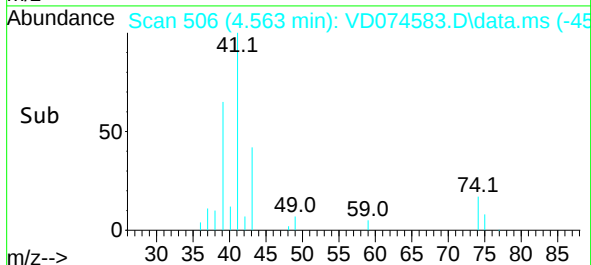
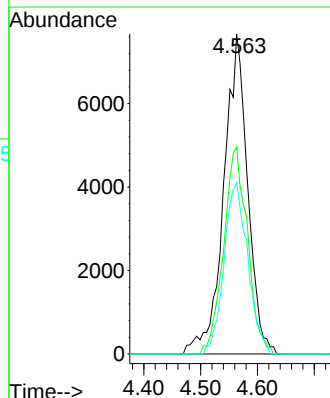
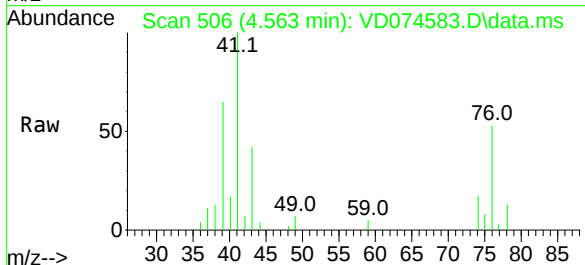
Tgt Ion: 41 Resp: 22421

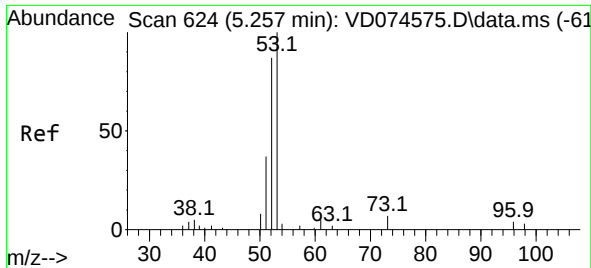
Ion Ratio Lower Upper

41 100

39 64.1 53.4 80.2

76 53.4 42.4 63.6

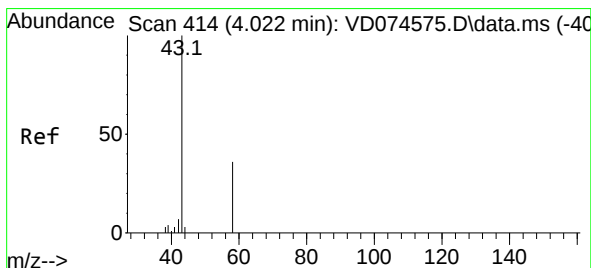
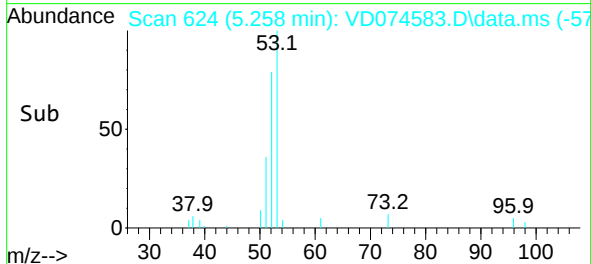
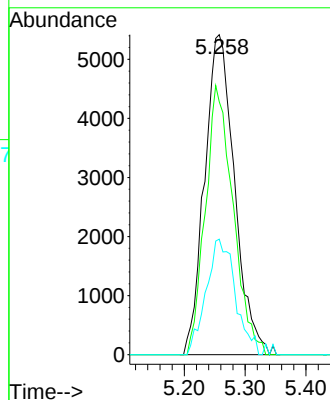
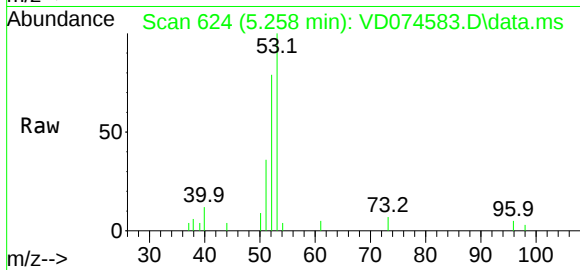




#15
Acrylonitrile
Concen: 101.183 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

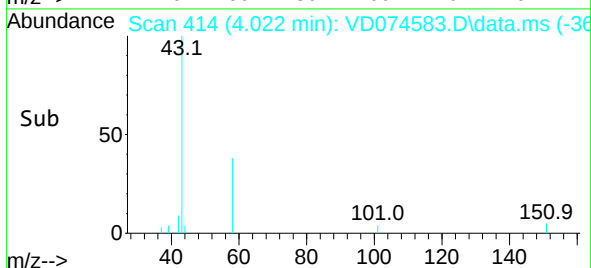
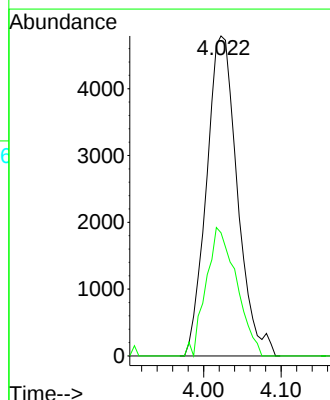
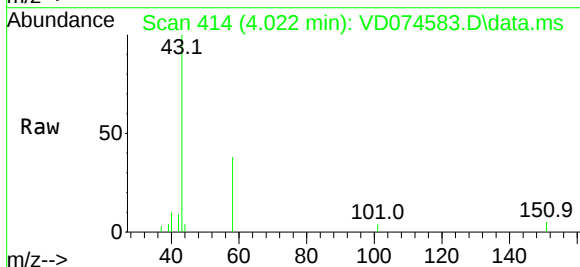
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

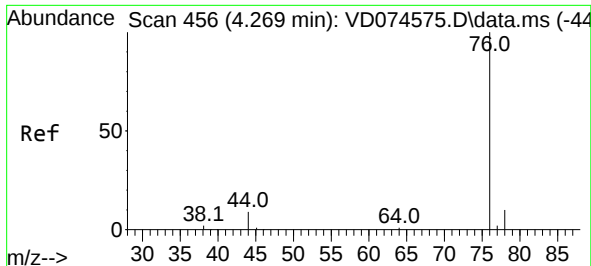
Tgt Ion:	53	Resp:	18538
Ion	Ratio	Lower	Upper
53	100		
52	77.8	66.0	99.0
51	35.1	28.3	42.5



#16
Acetone
Concen: 84.615 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion:	43	Resp:	13258
Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.2	45.2

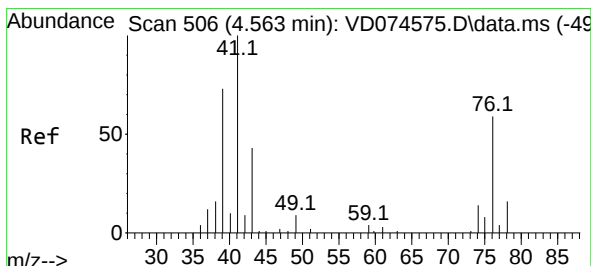
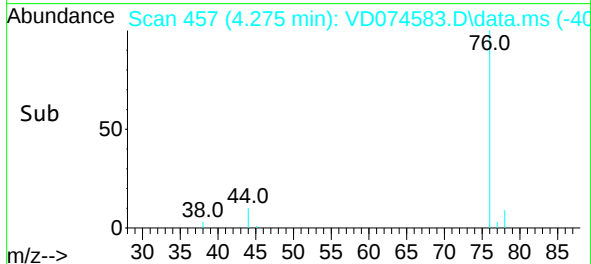
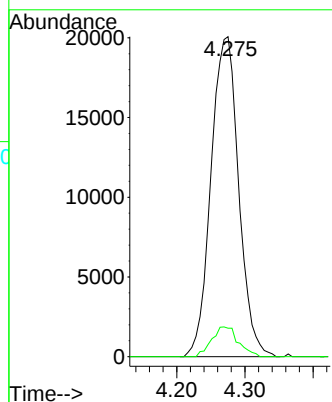
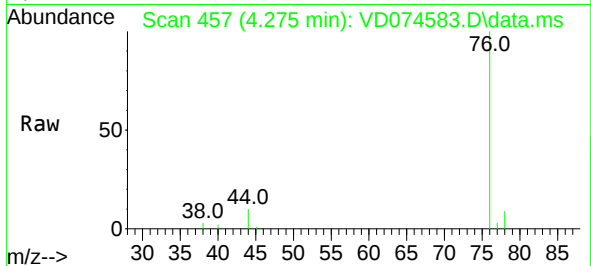




#17
Carbon Disulfide
Concen: 20.772 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

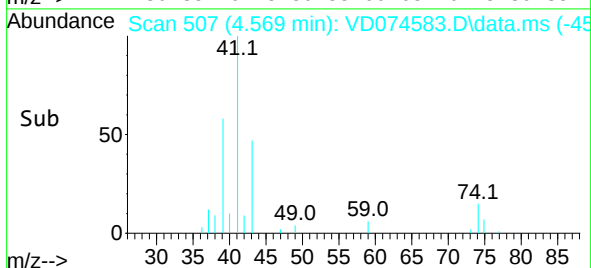
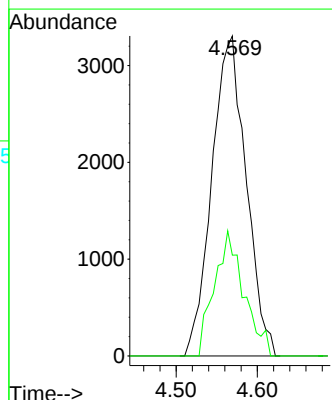
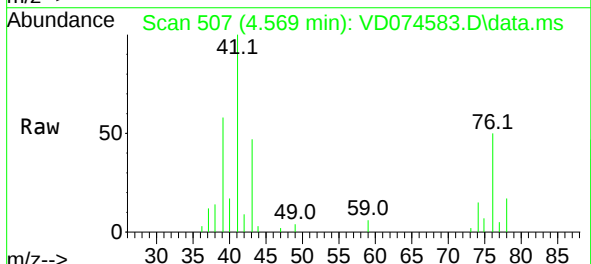
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

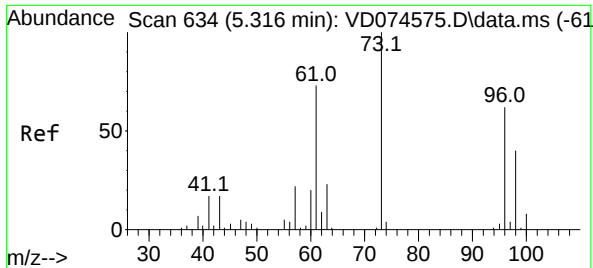
Tgt Ion: 76 Resp: 56752
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8



#18
Methyl Acetate
Concen: 21.239 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.011 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 43 Resp: 9695
Ion Ratio Lower Upper
43 100
74 33.6 24.7 37.1

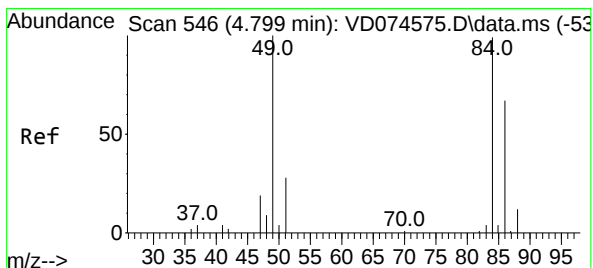
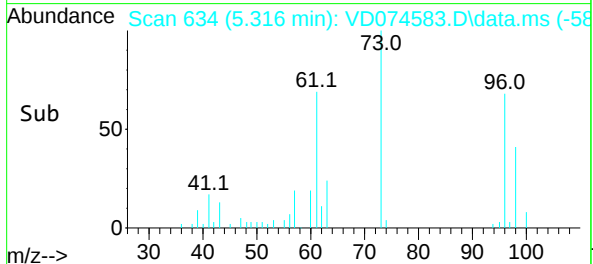
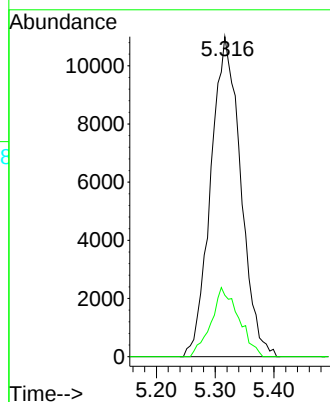
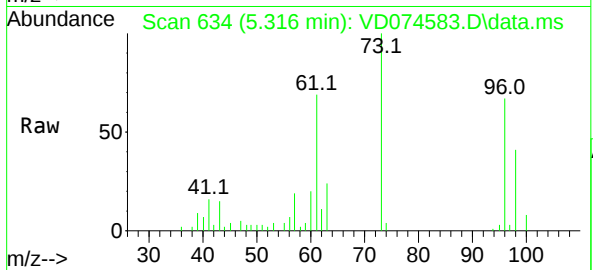




#19
Methyl tert-butyl Ether
Concen: 19.951 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

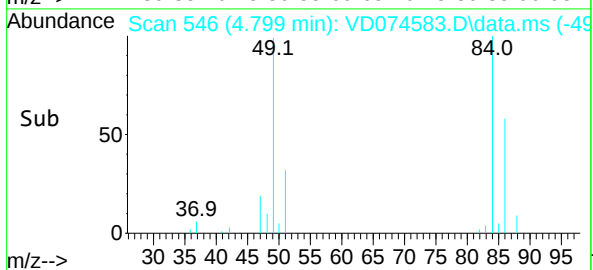
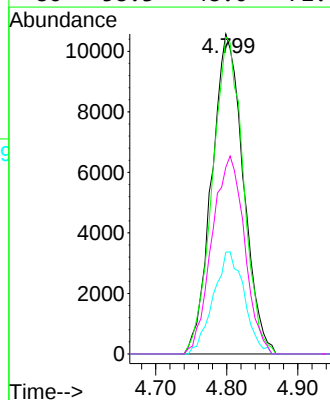
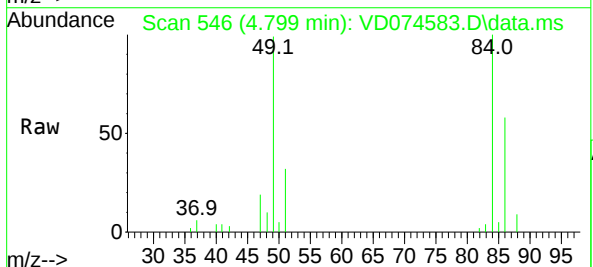
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

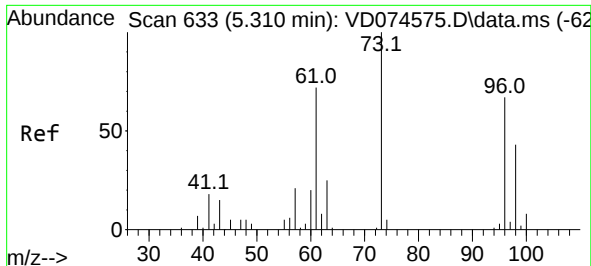
Tgt Ion: 73 Resp: 38926
Ion Ratio Lower Upper
73 100
57 19.2 16.1 24.1



#20
Methylene Chloride
Concen: 21.264 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 84 Resp: 32582
Ion Ratio Lower Upper
84 100
49 99.0 68.0 102.0
51 31.8 23.2 34.8
86 58.3 48.0 72.0

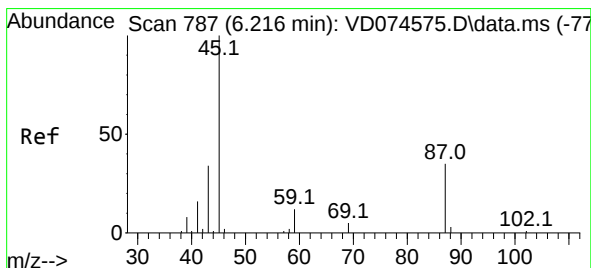
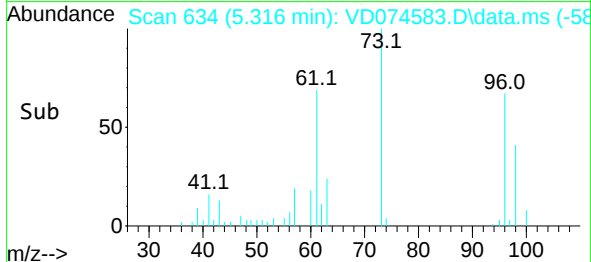
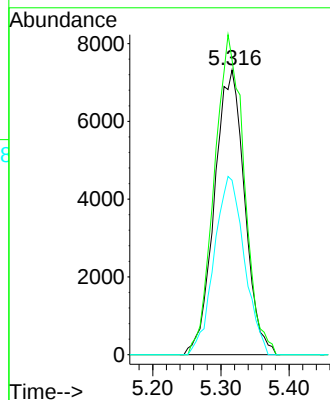
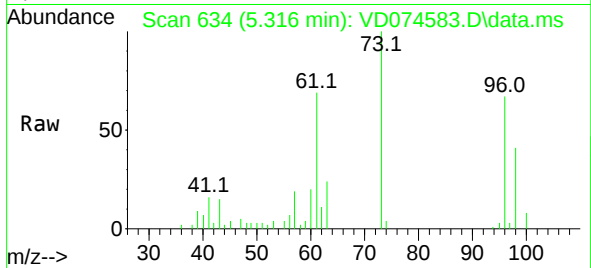




#21
trans-1,2-Dichloroethene
Concen: 20.211 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

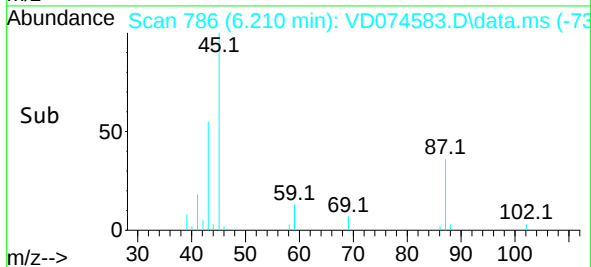
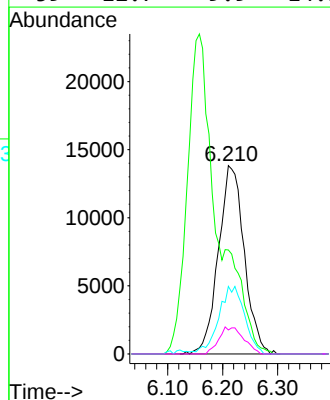
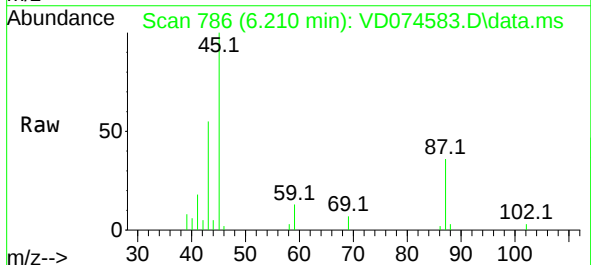
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

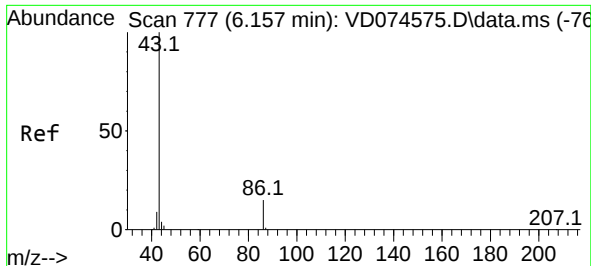
Tgt Ion: 96 Resp: 22496
Ion Ratio Lower Upper
96 100
61 103.6 95.7 143.5
98 61.2 54.8 82.2



#22
Diisopropyl ether
Concen: 20.750 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 45 Resp: 45147
Ion Ratio Lower Upper
45 100
43 55.2 37.8 56.6
87 35.9 26.6 40.0
59 12.7 9.9 14.9

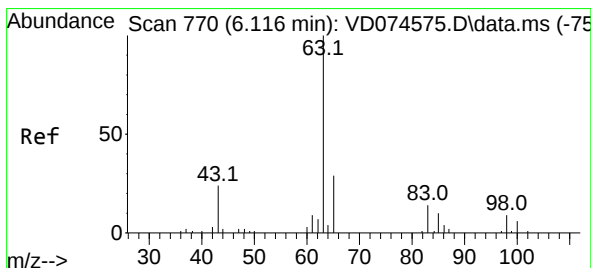
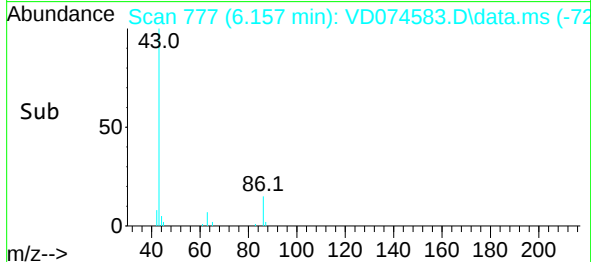
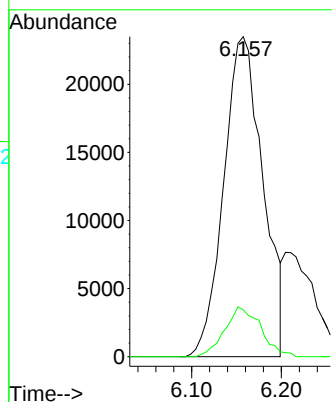
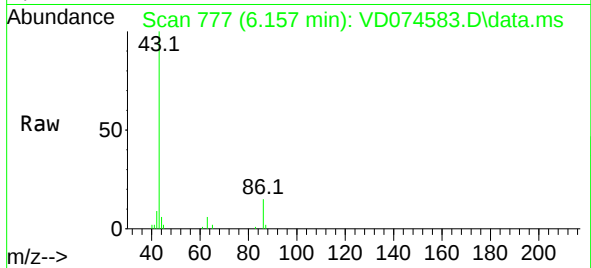




#23
 Vinyl Acetate
 Concen: 75.101 ug/l
 RT: 6.157 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VD074583.D
 Acq: 19 Oct 2022 17:12

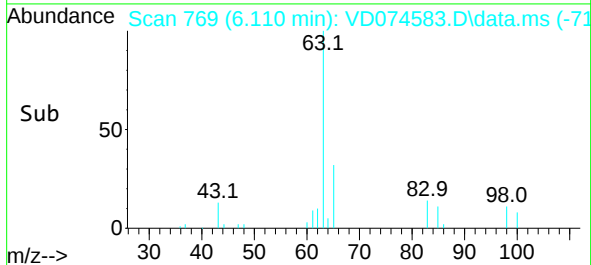
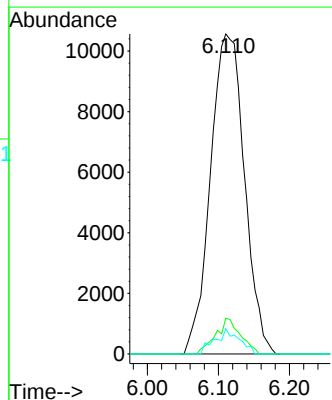
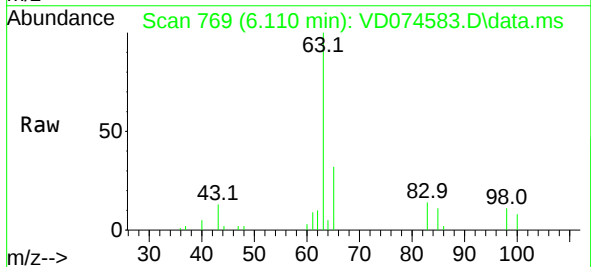
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

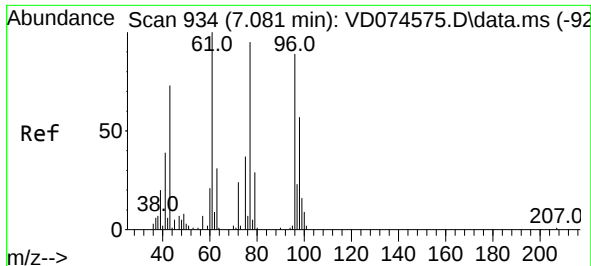
Tgt Ion: 43 Resp: 71456
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.809 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD074583.D
 Acq: 19 Oct 2022 17:12

Tgt Ion: 63 Resp: 35140
 Ion Ratio Lower Upper
 63 100
 98 11.2 4.6 13.8
 100 7.9 2.9 8.6





#25

2-Butanone

Concen: 92.882 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

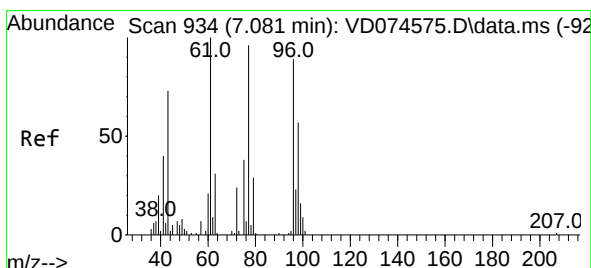
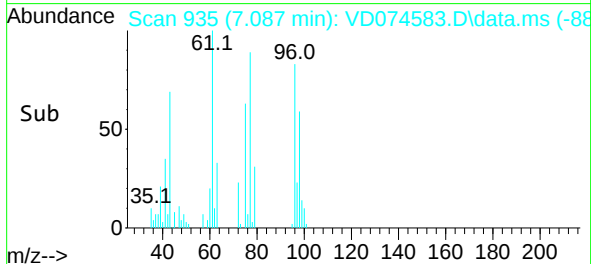
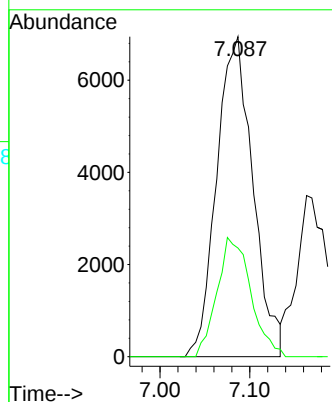
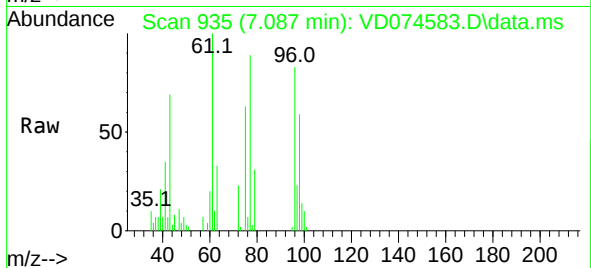
VD1019SBSD01

Tgt Ion: 43 Resp: 19461

Ion Ratio Lower Upper

43 100

72 34.0 25.8 38.8



#26

2,2-Dichloropropane

Concen: 19.029 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD074583.D

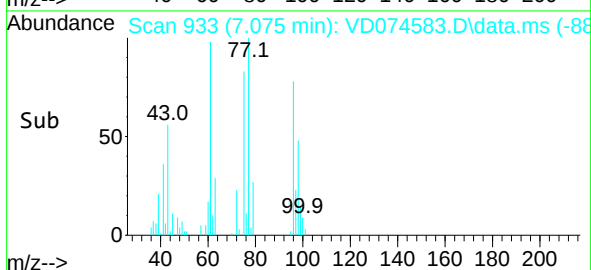
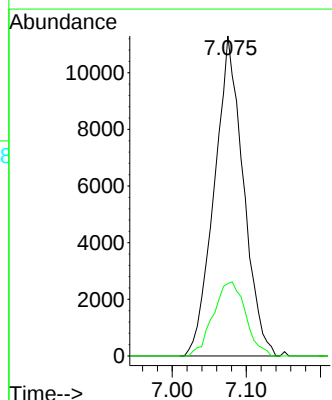
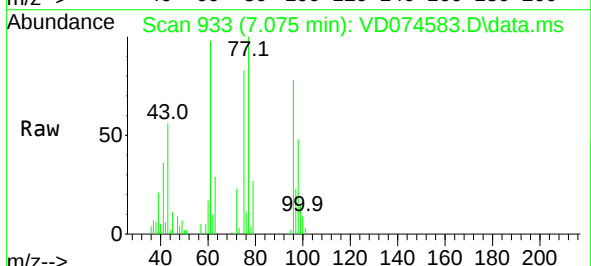
Acq: 19 Oct 2022 17:12

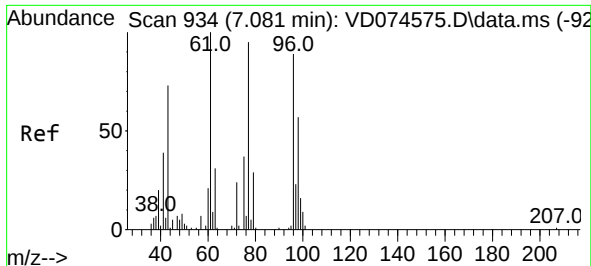
Tgt Ion: 77 Resp: 30713

Ion Ratio Lower Upper

77 100

97 25.8 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 19.963 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

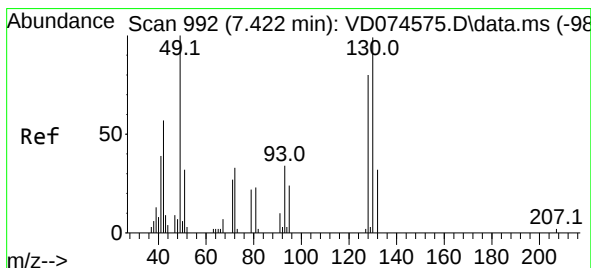
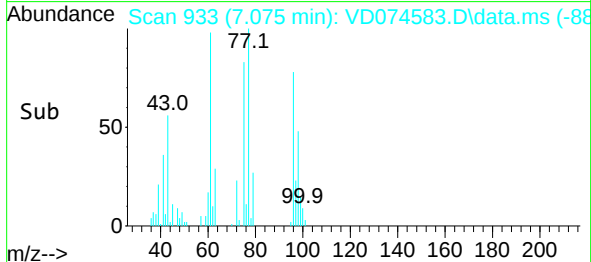
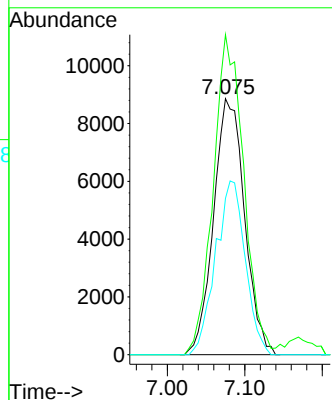
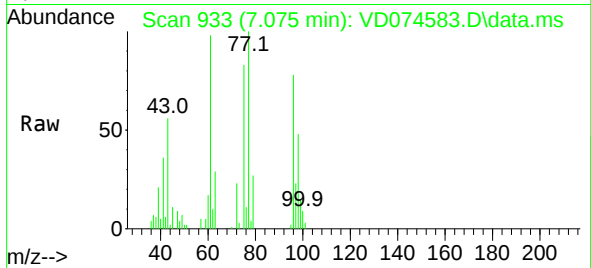
MSVOA_D

ClientSampleId :

VD1019SBSD01

Tgt Ion: 96 Resp: 24644

Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	242.4
98	65.0	0.0	130.0



#28

Bromochloromethane

Concen: 14.990 ug/l

RT: 7.428 min Scan# 993

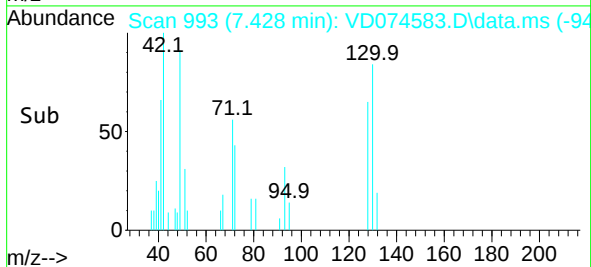
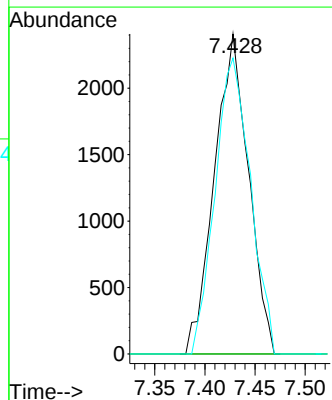
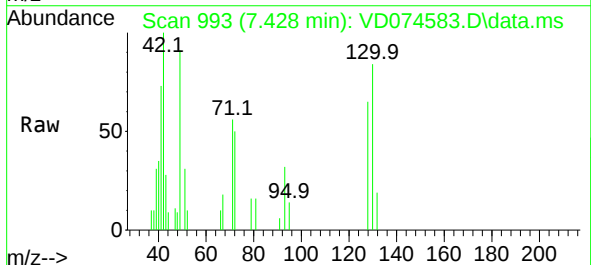
Delta R.T. -0.000 min

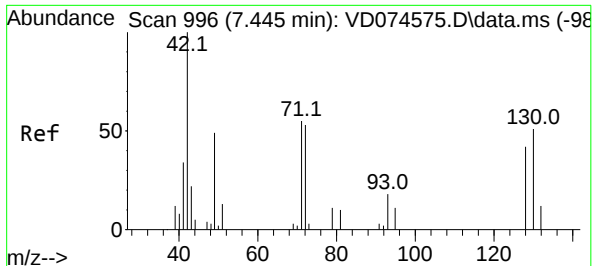
Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Tgt Ion: 49 Resp: 5700

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	95.8	84.1	126.1





#29

Tetrahydrofuran

Concen: 103.677 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

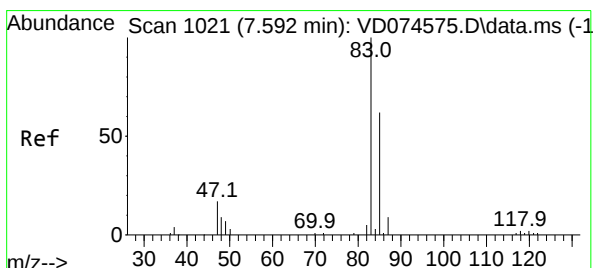
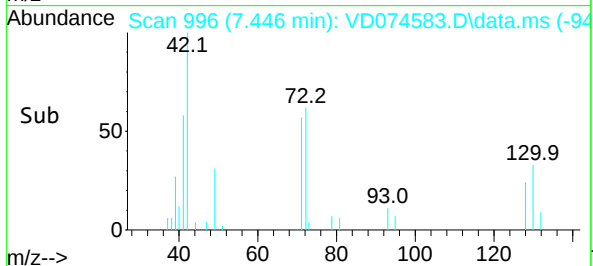
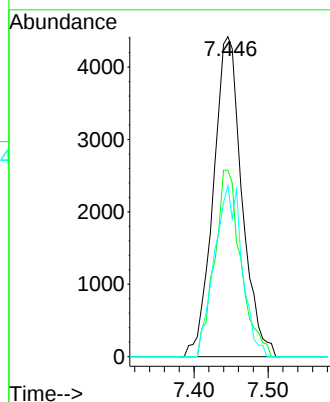
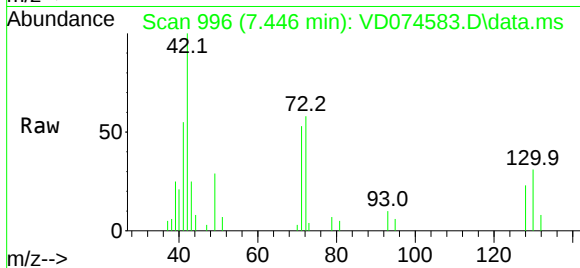
Tgt Ion: 42 Resp: 11848

Ion Ratio Lower Upper

42 100

72 53.6 45.8 68.6

71 51.5 44.6 66.8



#30

Chloroform

Concen: 20.196 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD074583.D

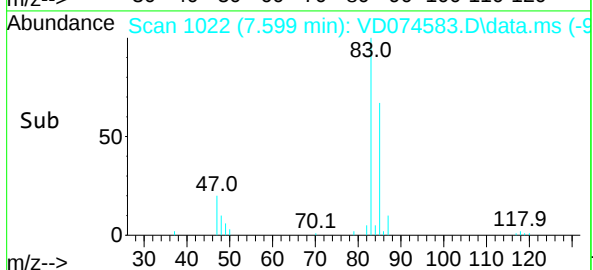
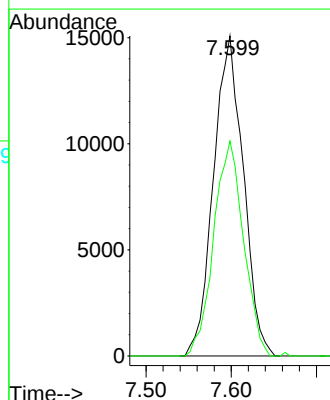
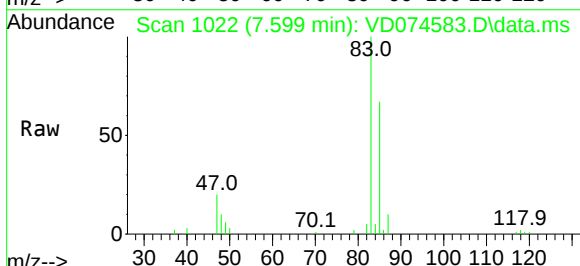
Acq: 19 Oct 2022 17:12

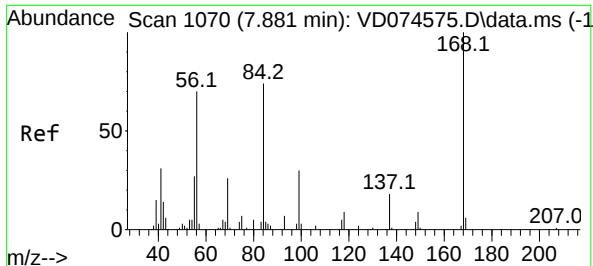
Tgt Ion: 83 Resp: 36698

Ion Ratio Lower Upper

83 100

85 67.1 52.0 78.0





#31

Cyclohexane

Concen: 20.198 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

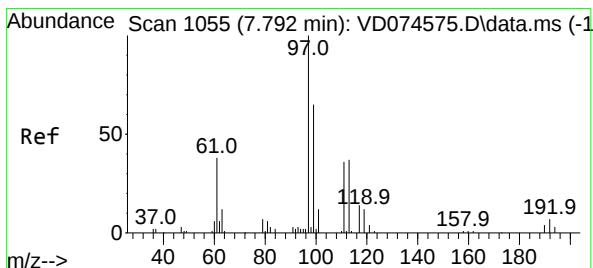
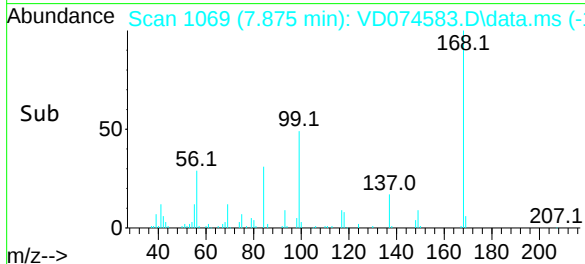
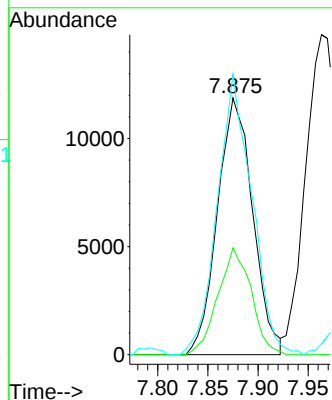
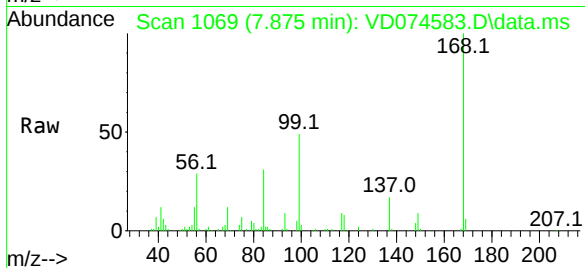
Tgt Ion: 56 Resp: 29112

Ion Ratio Lower Upper

56 100

69 41.6 29.2 43.8

84 109.3 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 21.115 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

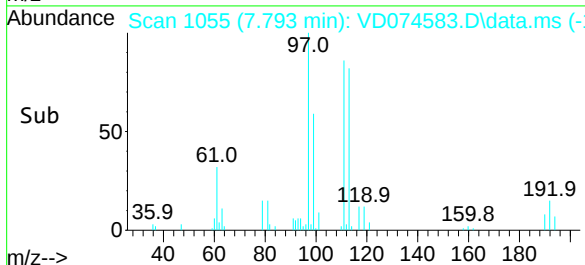
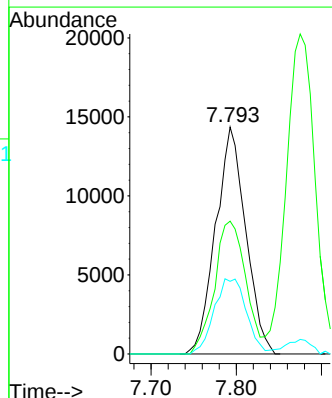
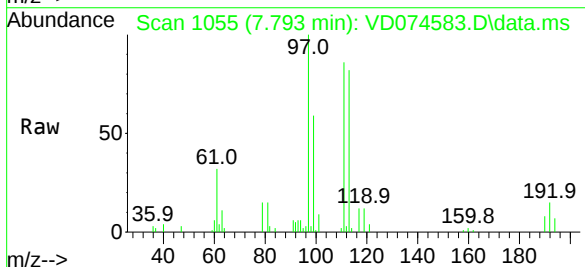
Tgt Ion: 97 Resp: 35184

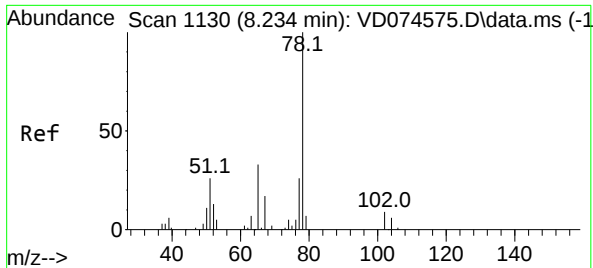
Ion Ratio Lower Upper

97 100

99 60.3 53.3 79.9

61 35.6 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 44.919 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

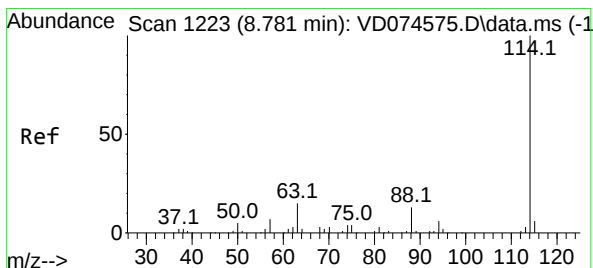
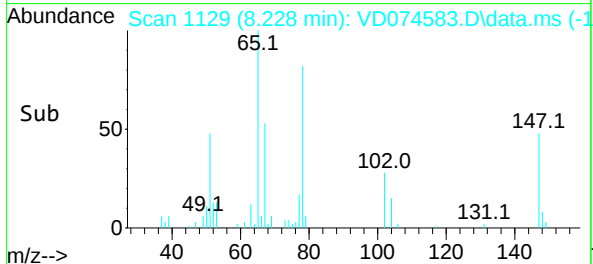
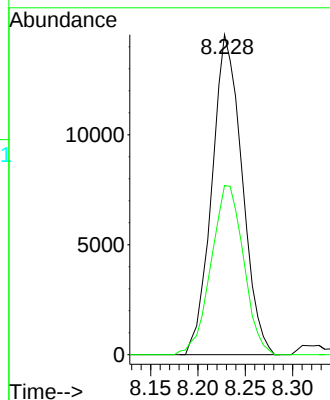
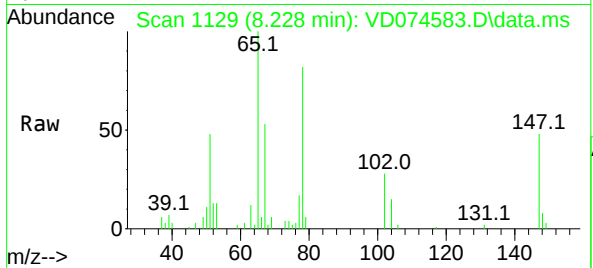
VD1019SBS01

Tgt Ion: 65 Resp: 32231

Ion Ratio Lower Upper

65 100

67 56.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

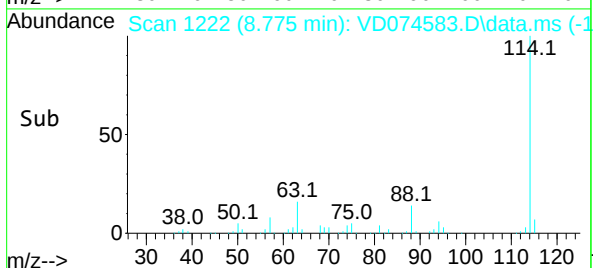
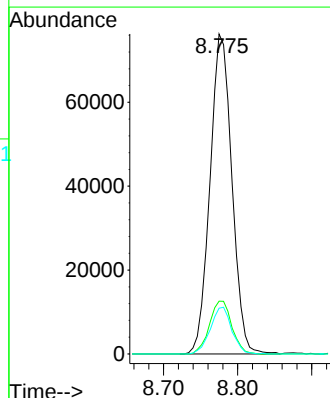
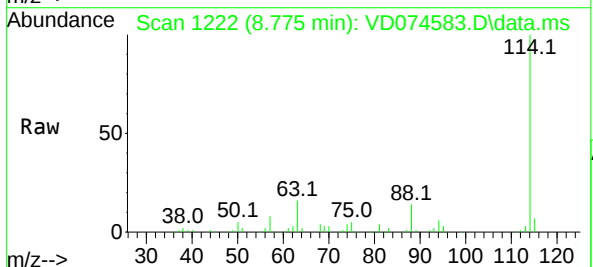
Tgt Ion: 114 Resp: 156639

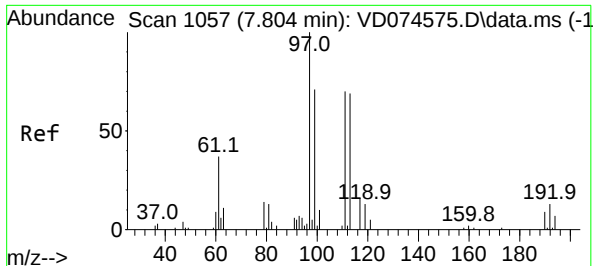
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 44.899 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

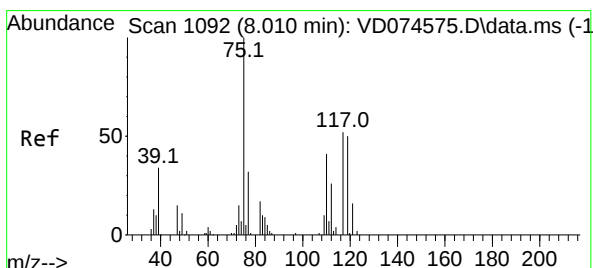
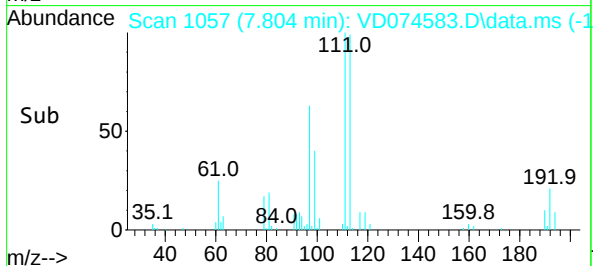
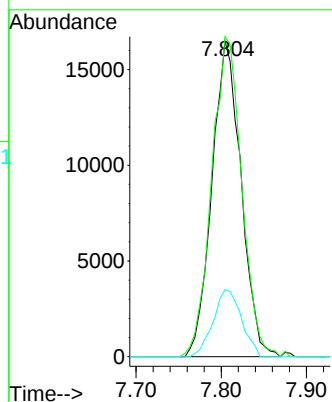
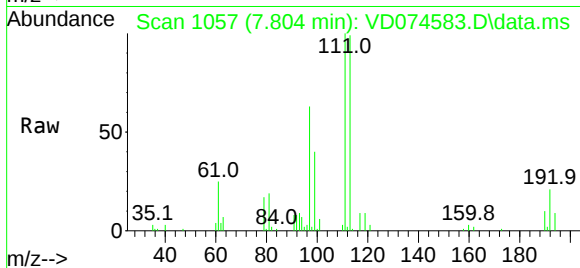
Tgt Ion:113 Resp: 39063

Ion Ratio Lower Upper

113 100

111 104.8 82.3 123.5

192 20.7 16.4 24.6



#36

1,1-Dichloropropene

Concen: 19.387 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

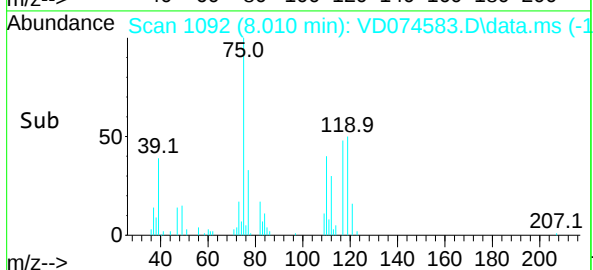
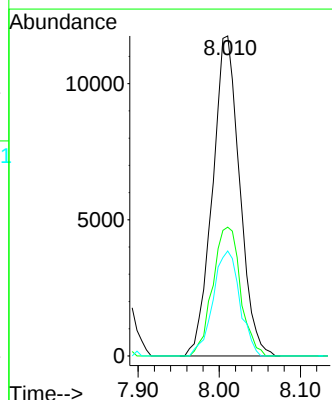
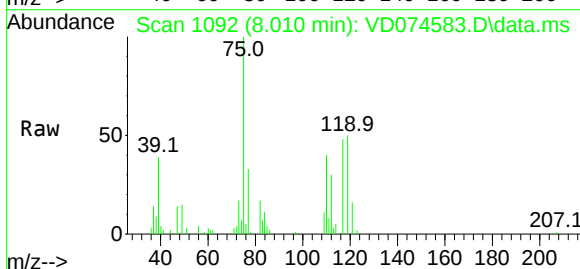
Tgt Ion: 75 Resp: 27280

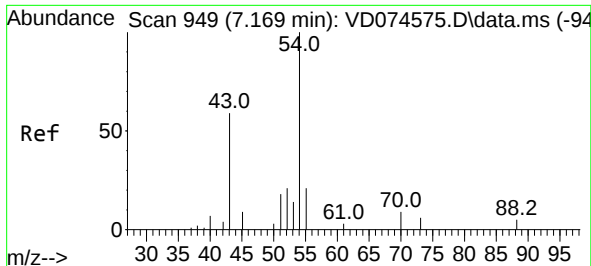
Ion Ratio Lower Upper

75 100

110 41.2 19.7 59.0

77 32.3 25.4 38.2

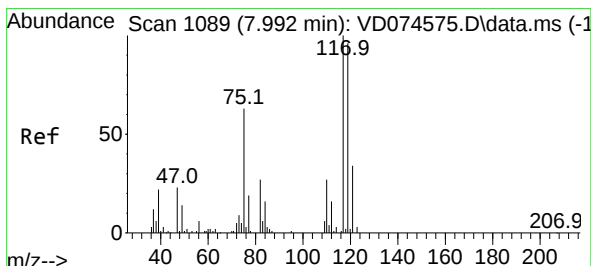
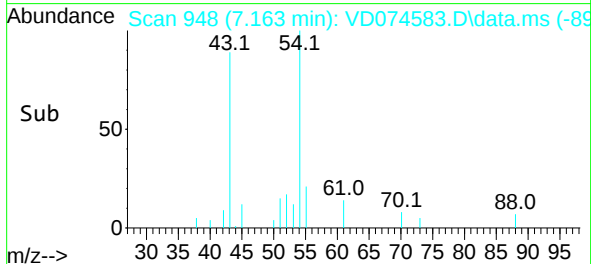
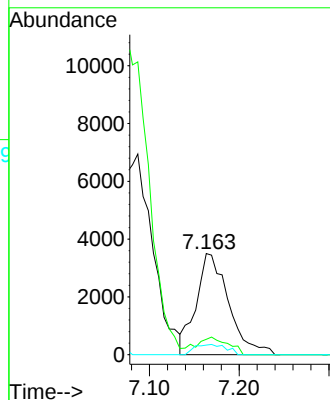
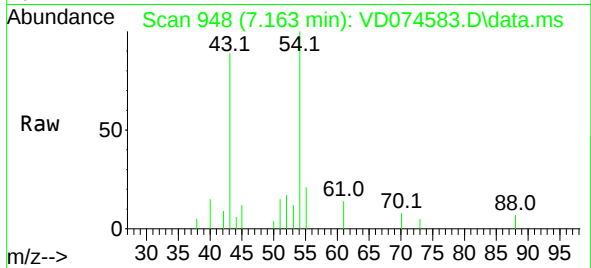




#37
Ethyl Acetate
Concen: 19.817 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

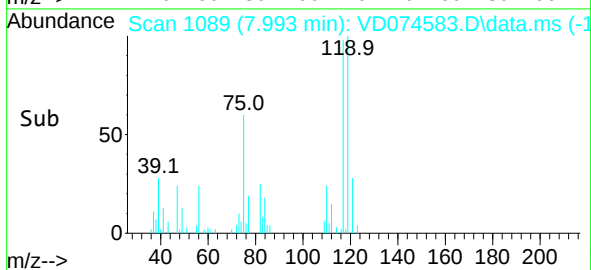
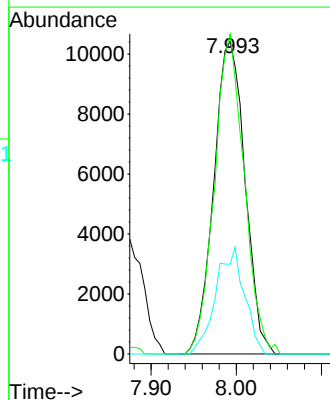
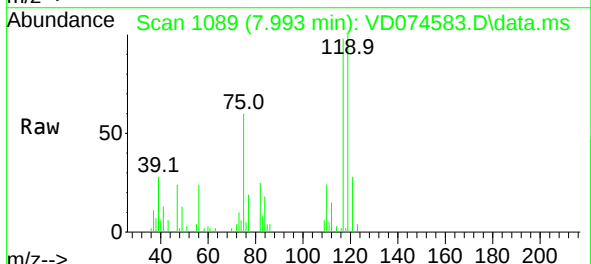
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

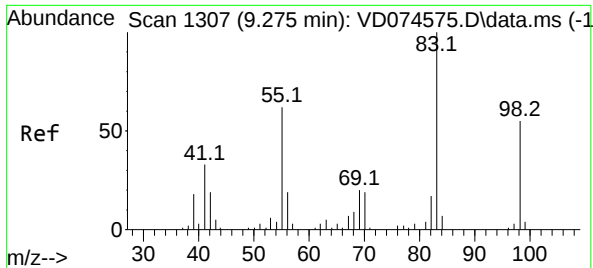
Tgt Ion:	43	Resp:	8798
Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.4
70	9.8	9.6	14.4



#38
Carbon Tetrachloride
Concen: 19.254 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion:	117	Resp:	26531
Ion	Ratio	Lower	Upper
117	100		
119	102.3	73.1	109.7
121	28.7	25.0	37.6





#39

Methylcyclohexane

Concen: 20.416 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

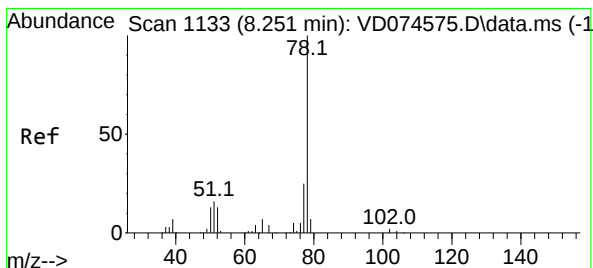
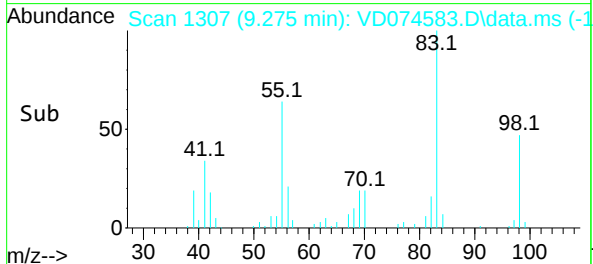
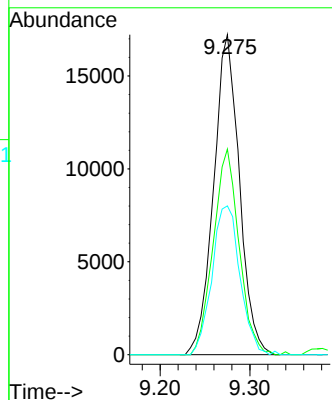
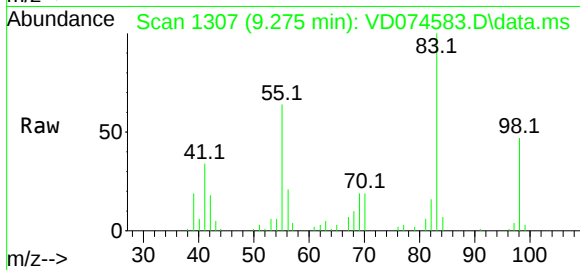
Tgt Ion: 83 Resp: 34326

Ion Ratio Lower Upper

83 100

55 64.3 49.0 73.4

98 46.5 41.7 62.5



#40

Benzene

Concen: 20.067 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD074583.D

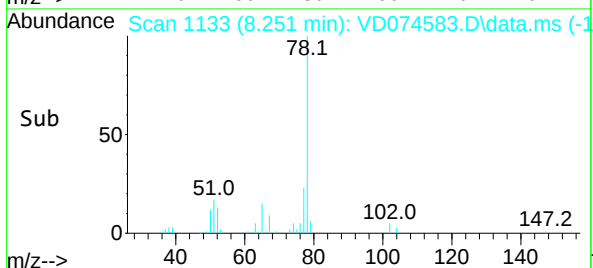
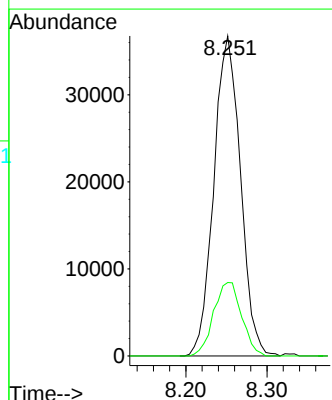
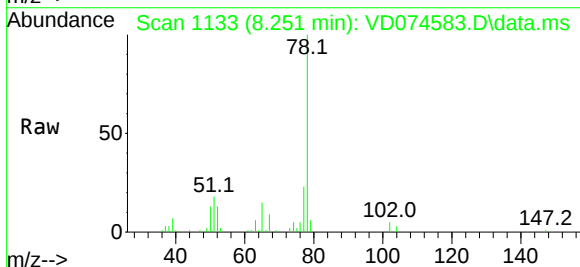
Acq: 19 Oct 2022 17:12

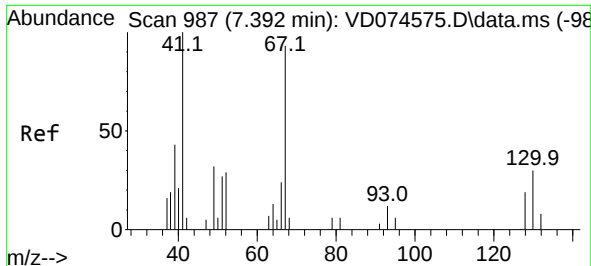
Tgt Ion: 78 Resp: 83804

Ion Ratio Lower Upper

78 100

77 23.0 20.1 30.1

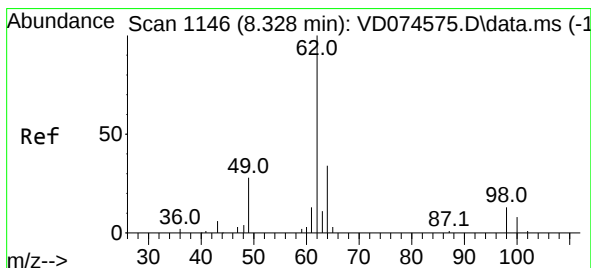
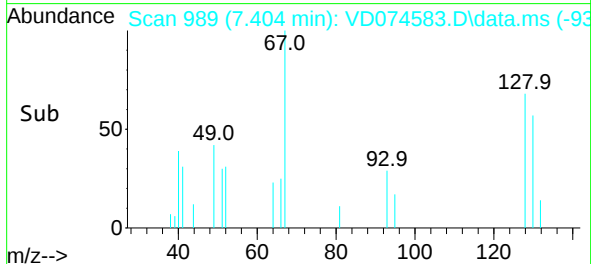
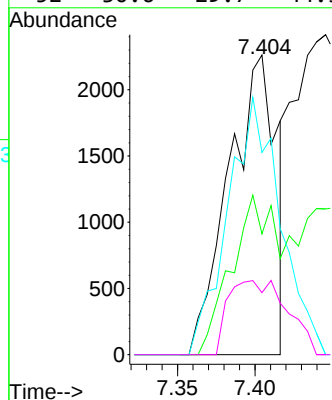
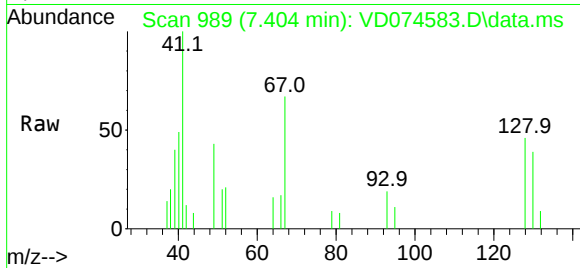




#41
Methacrylonitrile
Concen: 20.242 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

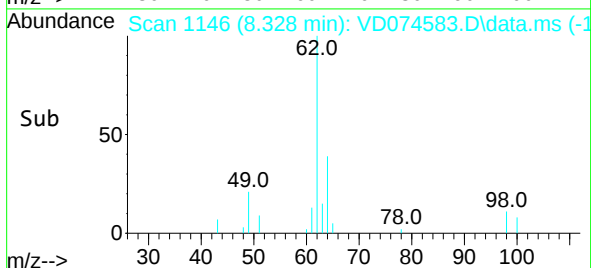
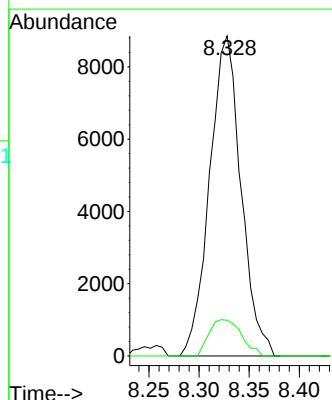
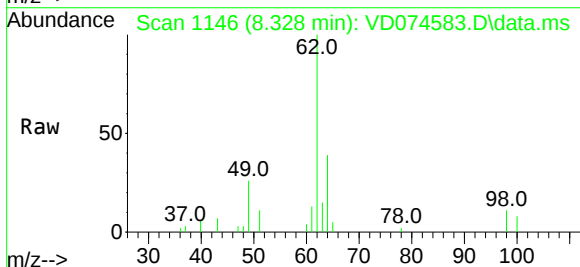
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

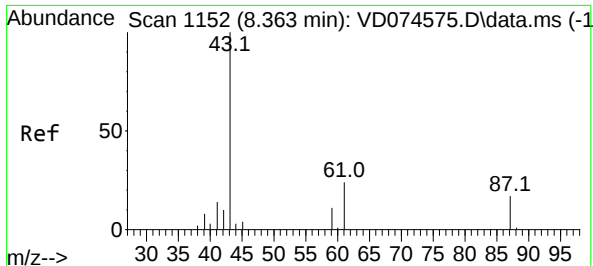
Tgt Ion: 41	Resp: 4842
Ion Ratio	Lower Upper
41 100	
39 49.0	35.0 52.6
67 94.4	77.0 115.6
52 30.6	29.7 44.5



#42
1,2-Dichloroethane
Concen: 20.023 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 62	Resp: 19296
Ion Ratio	Lower Upper
62 100	
98 11.7	0.0 24.2

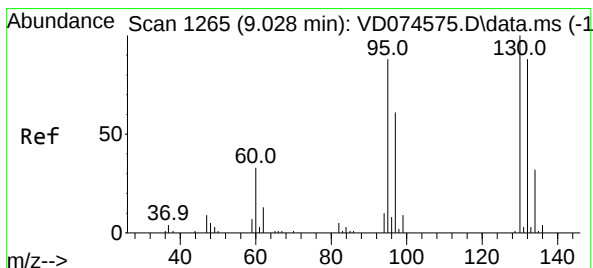
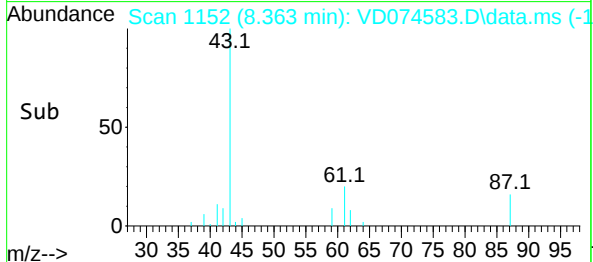
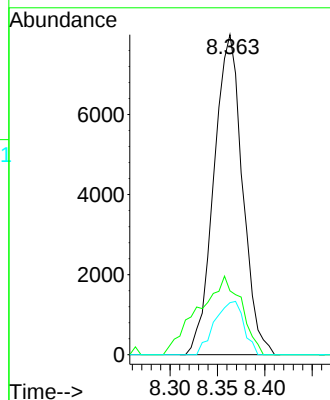
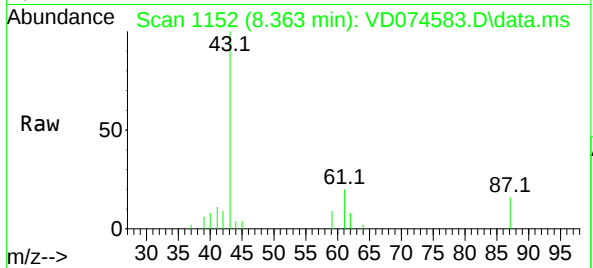




#43
Isopropyl Acetate
Concen: 20.347 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

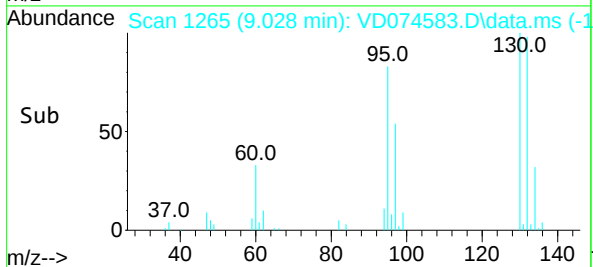
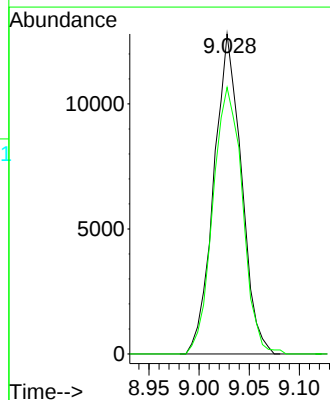
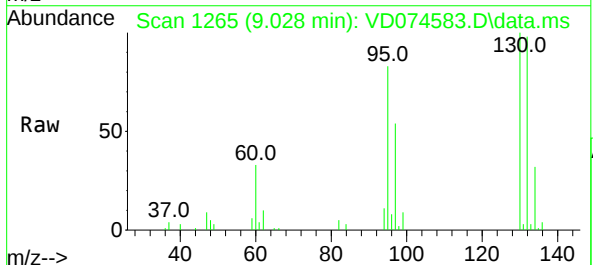
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

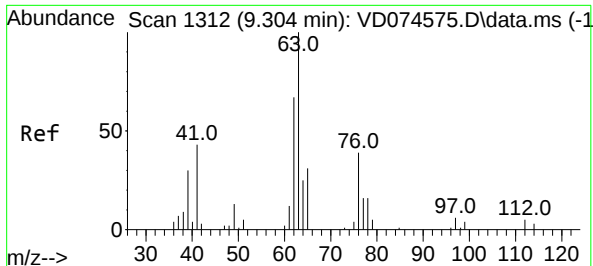
Tgt Ion: 43	Resp: 16788
Ion Ratio	Lower Upper
43 100	
61 37.0	30.9 46.3
87 16.9	14.3 21.5



#44
Trichloroethene
Concen: 19.959 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion:130	Resp: 24418
Ion Ratio	Lower Upper
130 100	
95 83.3	0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.464 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

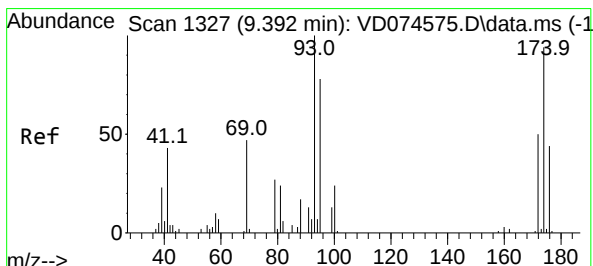
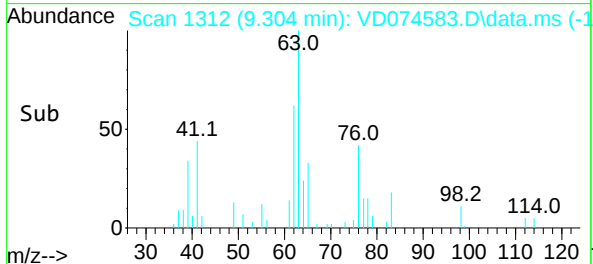
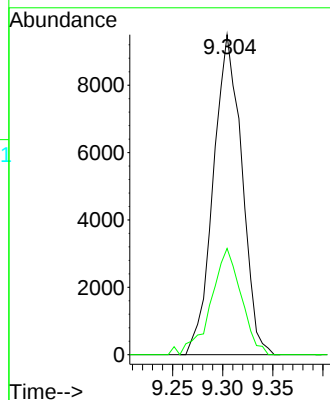
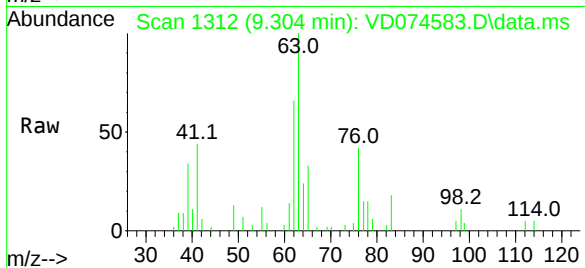
VD1019SBSD01

Tgt Ion: 63 Resp: 18755

Ion Ratio Lower Upper

63 100

65 33.2 23.1 34.7



#46

Dibromomethane

Concen: 20.646 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.001 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

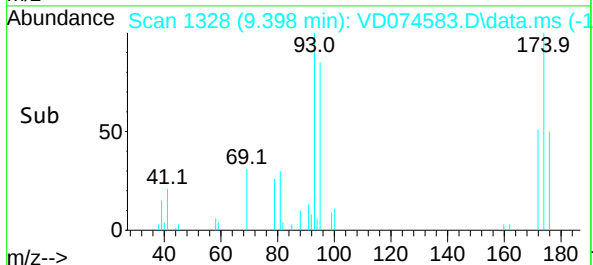
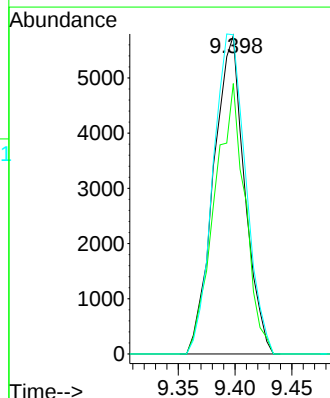
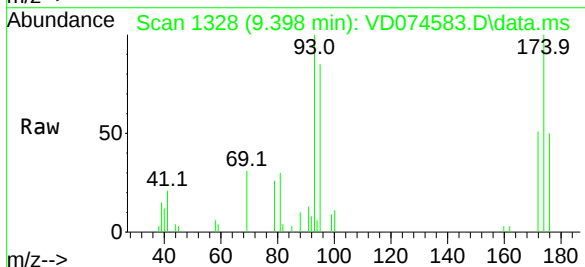
Tgt Ion: 93 Resp: 10919

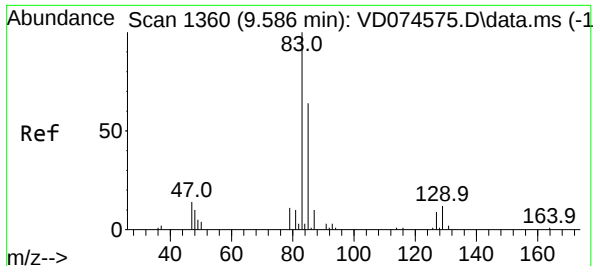
Ion Ratio Lower Upper

93 100

95 83.6 68.2 102.2

174 106.1 87.4 131.0

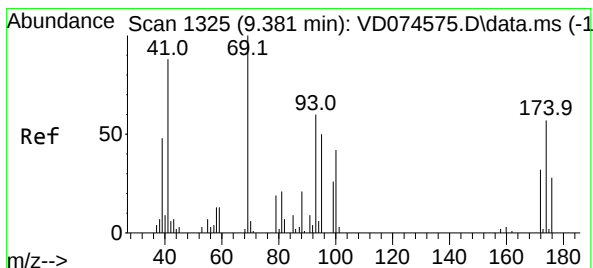
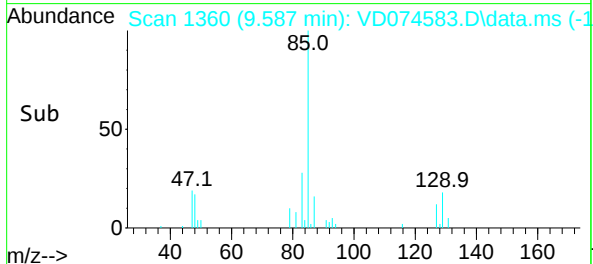
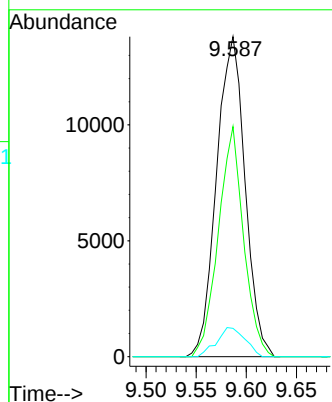
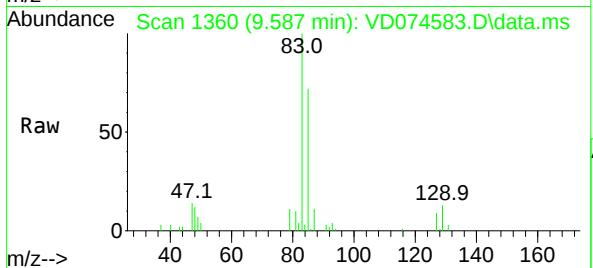




#47
Bromodichloromethane
Concen: 20.810 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

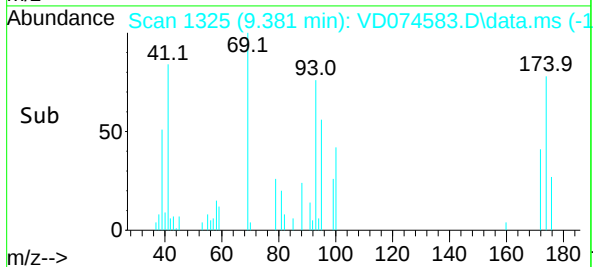
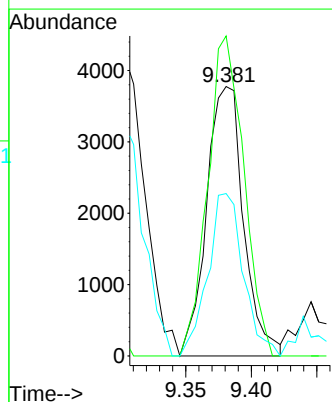
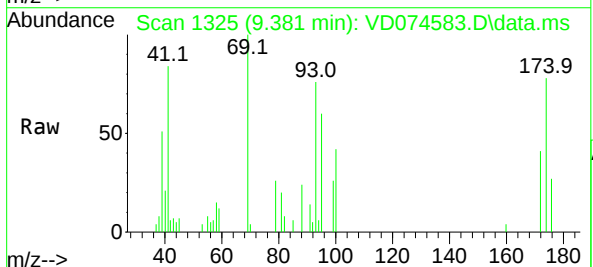
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

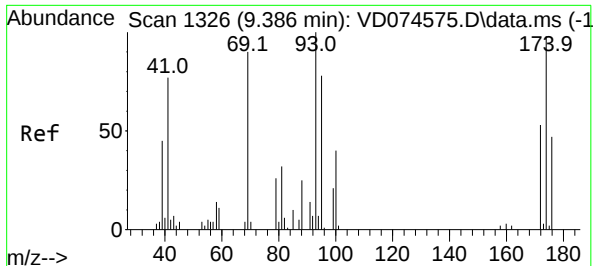
Tgt Ion: 83 Resp: 27230
Ion Ratio Lower Upper
83 100
85 71.9 48.8 73.2
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 19.641 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 41 Resp: 7406
Ion Ratio Lower Upper
41 100
69 116.0 93.0 139.4
39 57.9 44.6 66.8





#49

1,4-Dioxane

Concen: 408.640 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

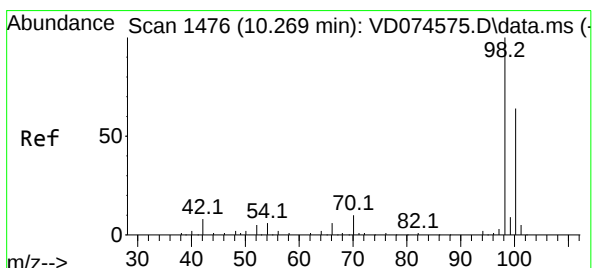
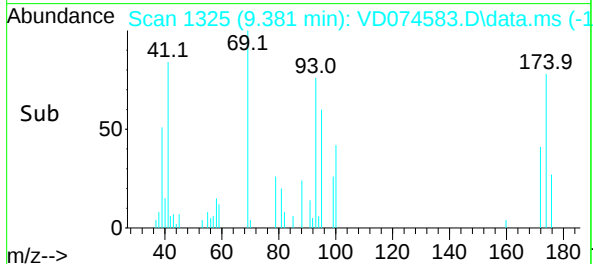
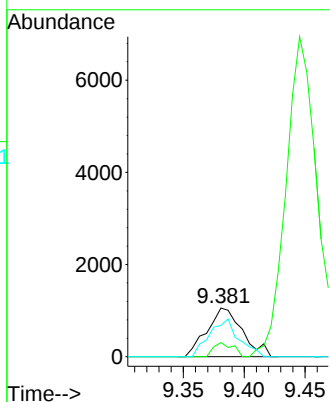
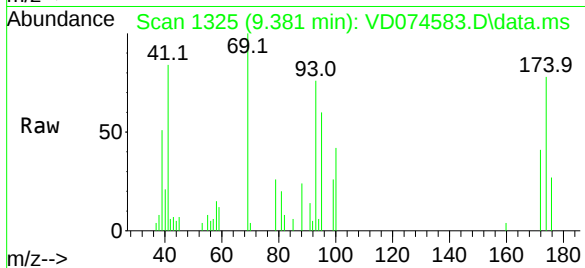
Tgt Ion: 88 Resp: 2127

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 64.5 43.1 64.7



#50

Toluene-d8

Concen: 46.772 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074583.D

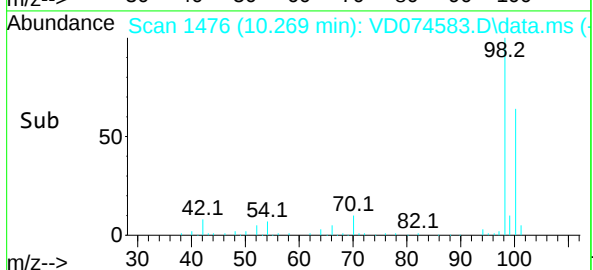
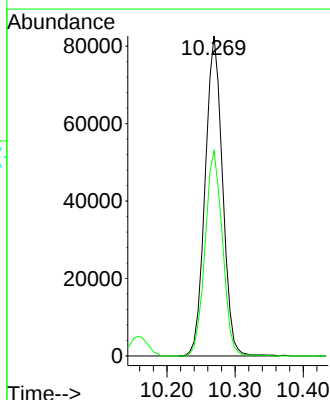
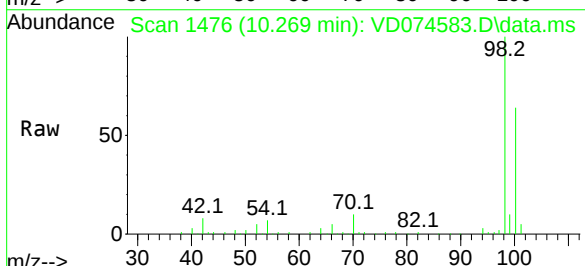
Acq: 19 Oct 2022 17:12

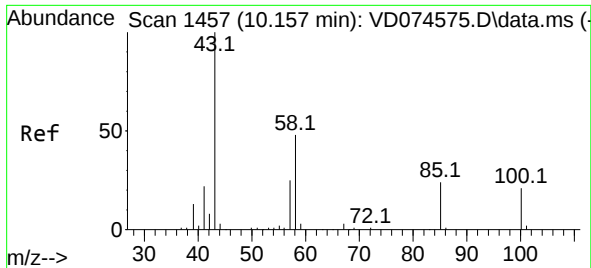
Tgt Ion: 98 Resp: 146639

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

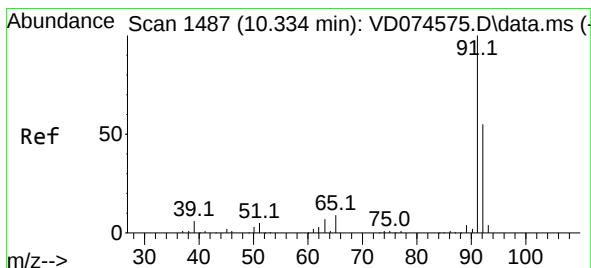
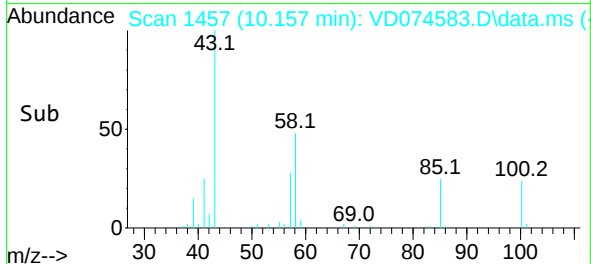
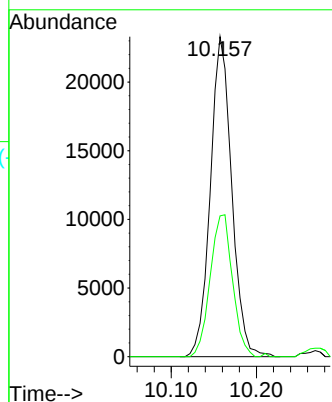
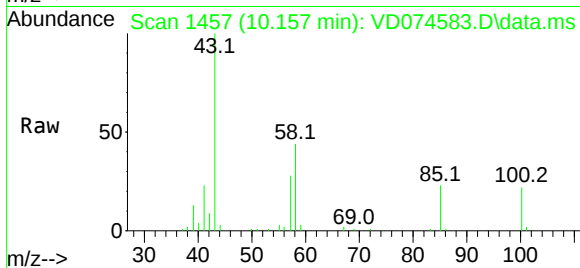




#51
4-Methyl-2-Pentanone
Concen: 99.208 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

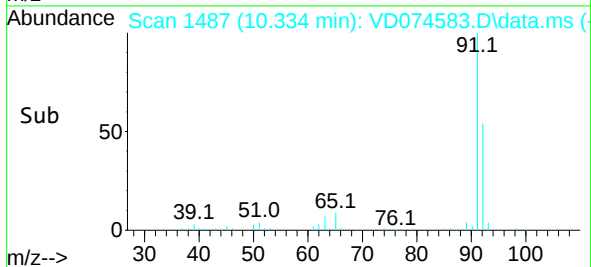
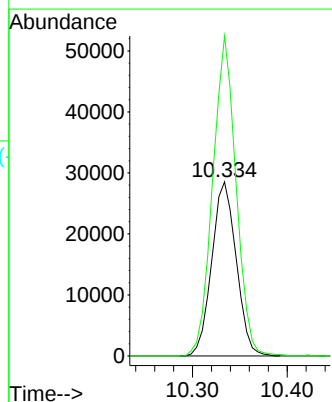
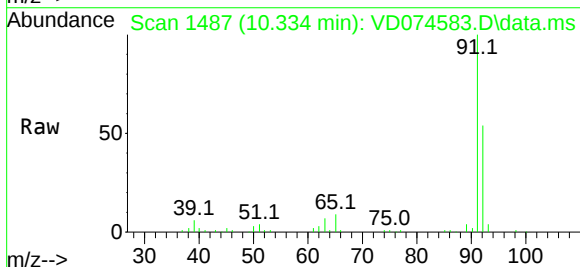
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

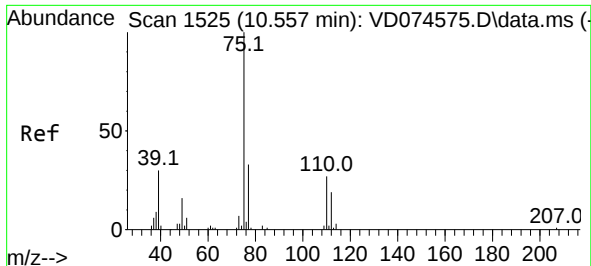
Tgt Ion: 43 Resp: 40715
Ion Ratio Lower Upper
43 100
58 46.2 37.8 56.6



#52
Toluene
Concen: 19.885 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 92 Resp: 51213
Ion Ratio Lower Upper
92 100
91 175.7 139.0 208.4

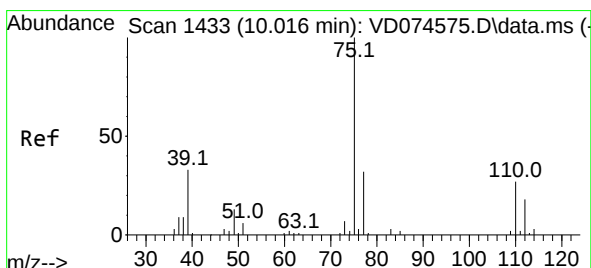
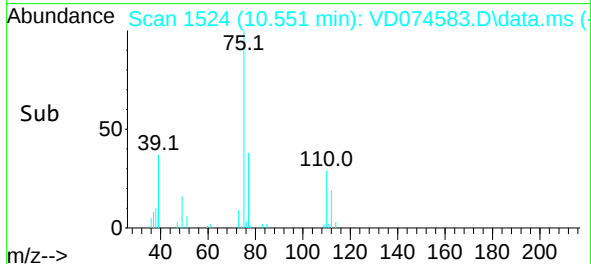
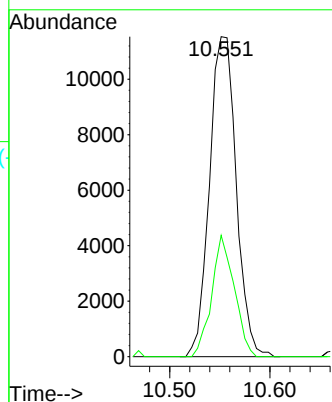
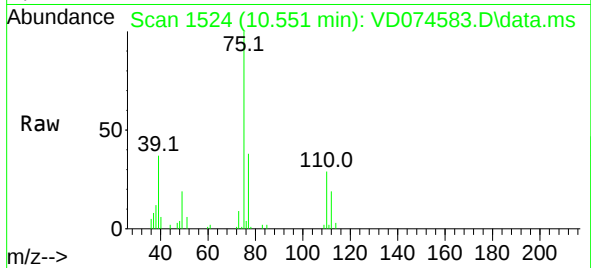




#53
t-1,3-Dichloropropene
Concen: 18.592 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

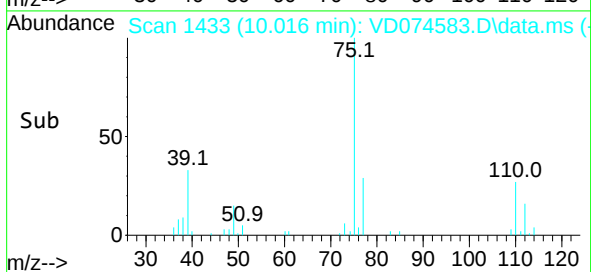
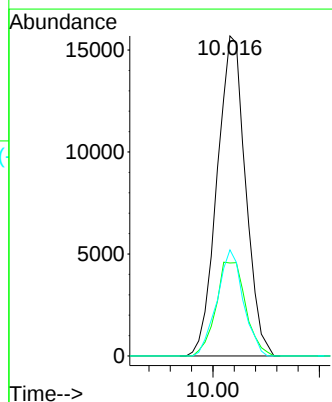
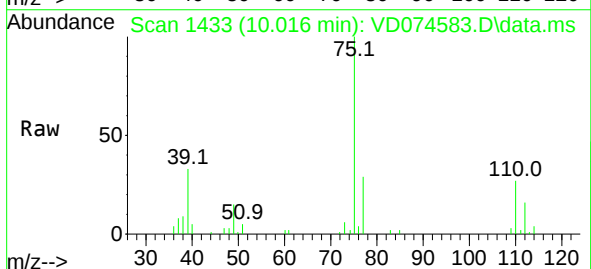
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

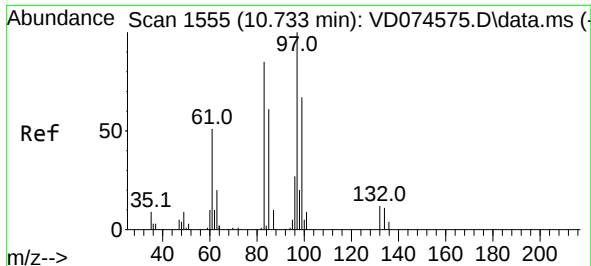
Tgt Ion: 75 Resp: 21389
Ion Ratio Lower Upper
75 100
77 37.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.045 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 75 Resp: 29077
Ion Ratio Lower Upper
75 100
77 29.1 24.7 37.1
39 33.2 25.4 38.2

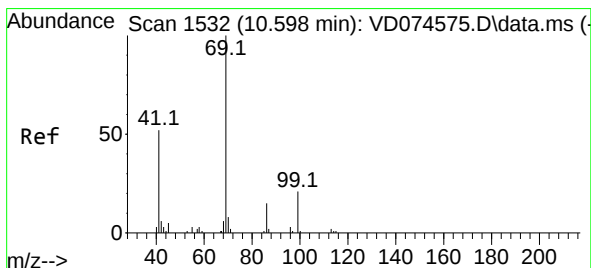
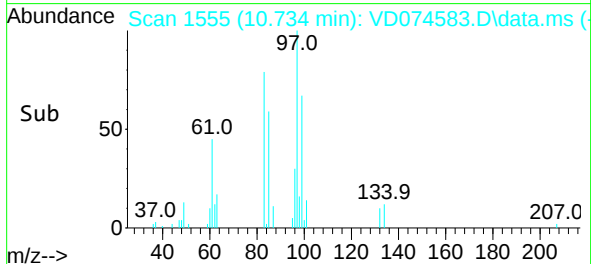
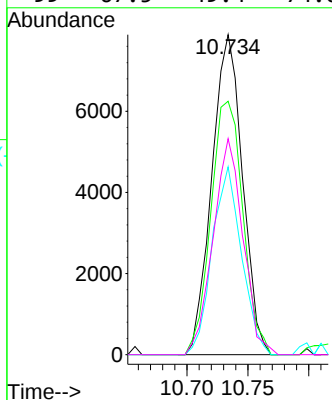
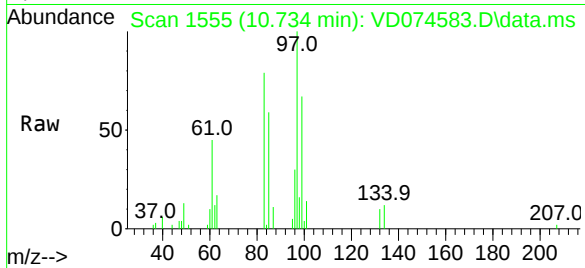




#55
1,1,2-Trichloroethane
Concen: 19.003 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

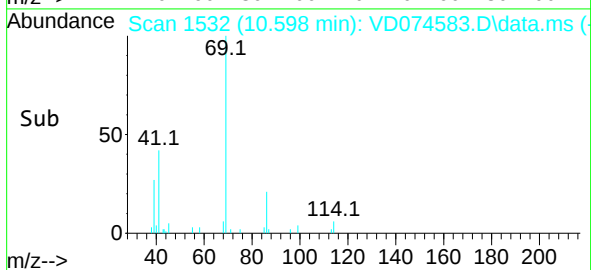
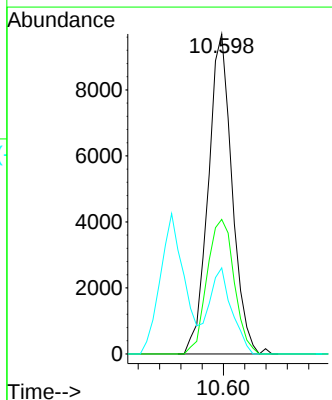
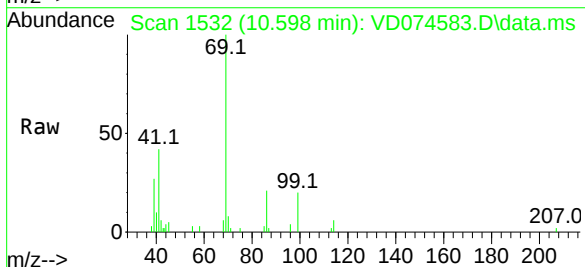
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

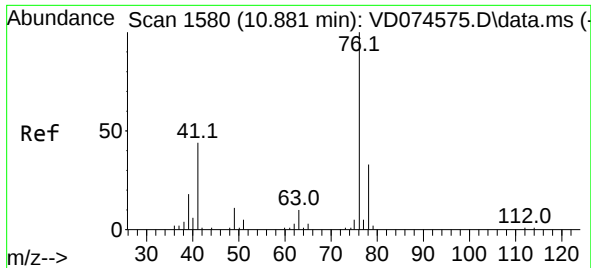
Tgt Ion: 97	Resp: 13808
Ion Ratio	Lower Upper
97 100	
83 79.2	64.8 97.2
85 58.7	44.8 67.2
99 67.5	49.4 74.0



#56
Ethyl methacrylate
Concen: 18.911 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 69	Resp: 15021
Ion Ratio	Lower Upper
69 100	
41 47.9	38.6 58.0
39 26.0	19.9 29.9

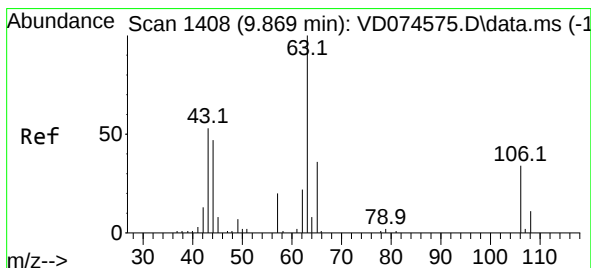
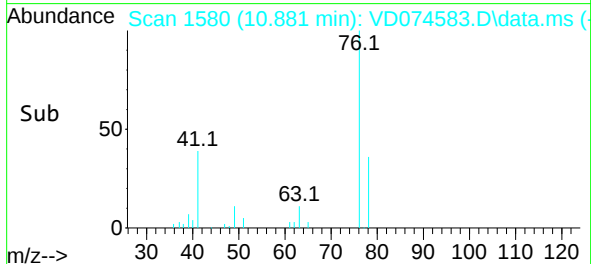
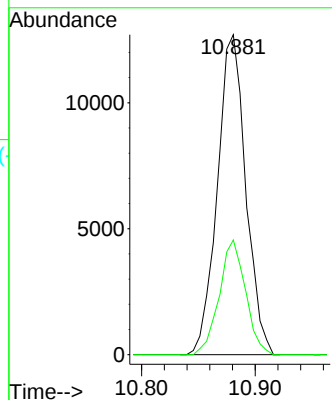
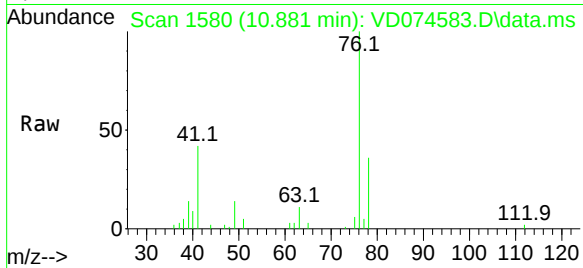




#57
1,3-Dichloropropane
Concen: 18.710 ug/l
RT: 10.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

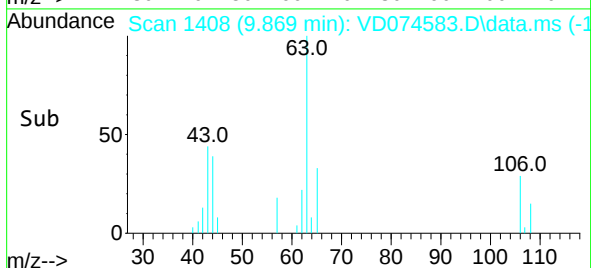
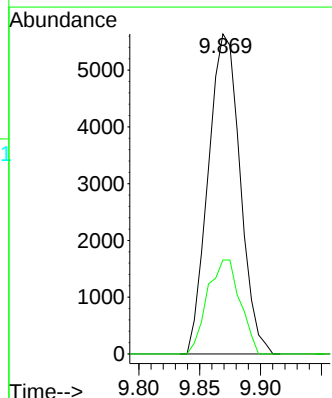
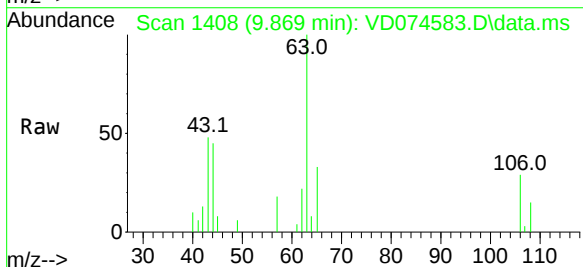
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

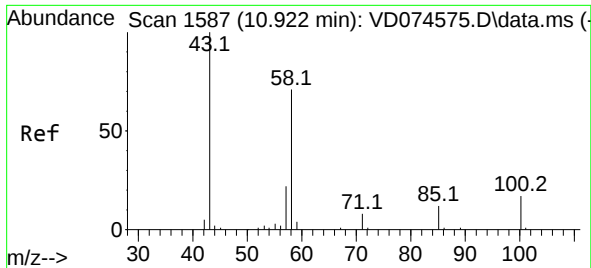
Tgt Ion: 76 Resp: 22055
Ion Ratio Lower Upper
76 100
78 33.1 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 79.570 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 63 Resp: 10266
Ion Ratio Lower Upper
63 100
106 30.1 26.5 39.7

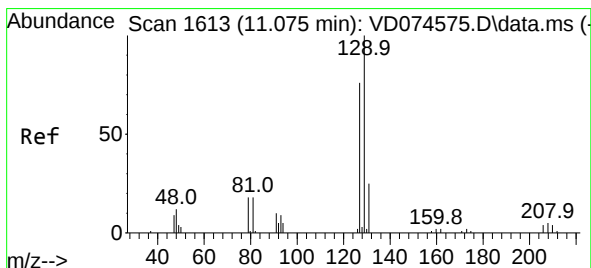
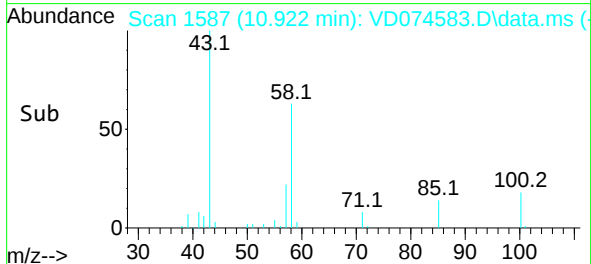
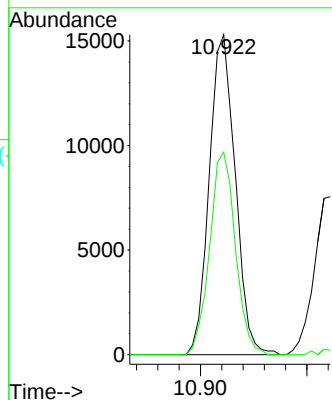
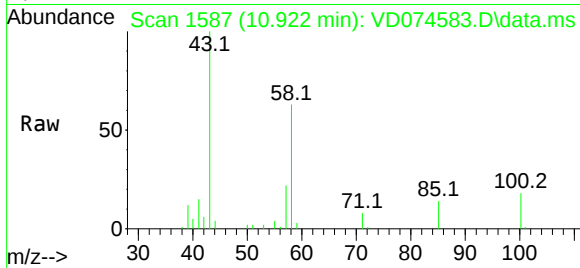




#59
2-Hexanone
Concen: 92.358 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

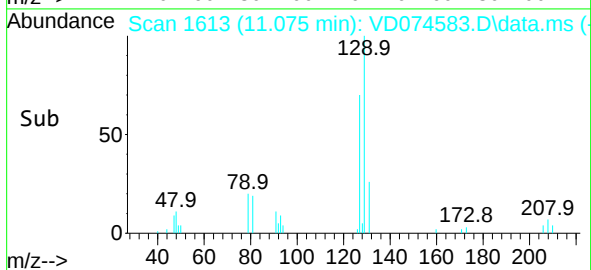
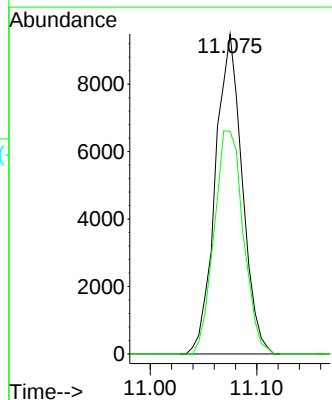
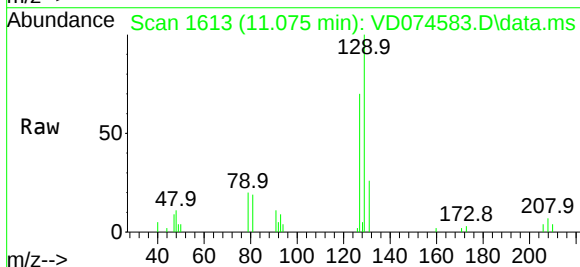
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

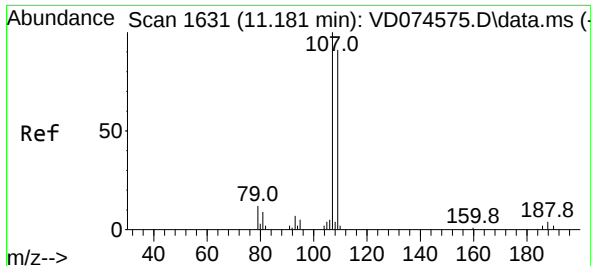
Tgt Ion: 43 Resp: 25871
Ion Ratio Lower Upper
43 100
58 62.7 32.0 96.2



#60
Dibromochloromethane
Concen: 18.908 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 129 Resp: 16560
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2

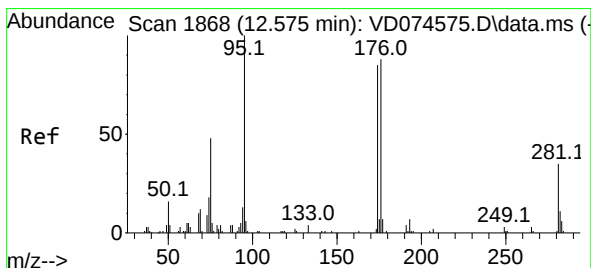
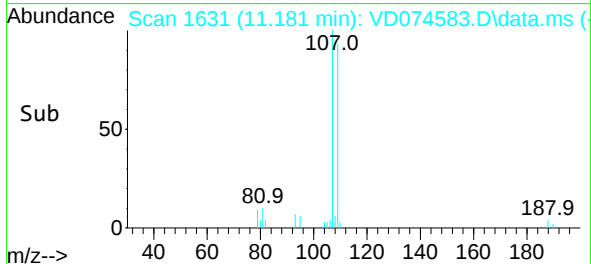
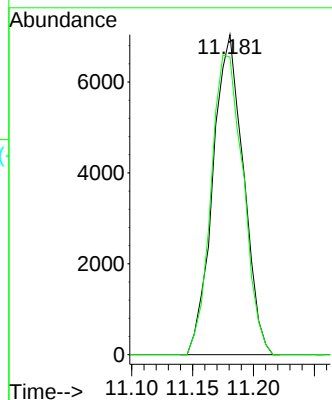
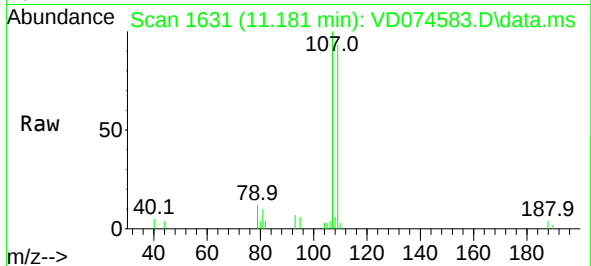




#61
1,2-Dibromoethane
Concen: 18.579 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

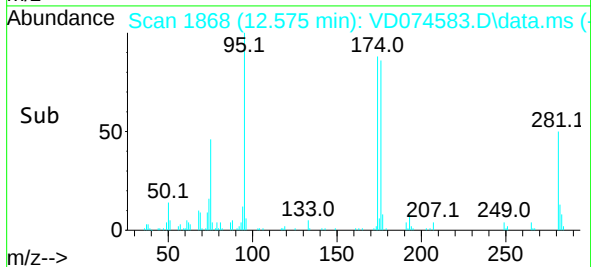
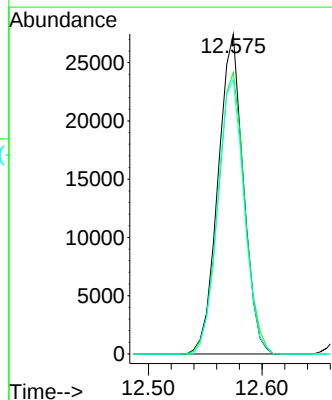
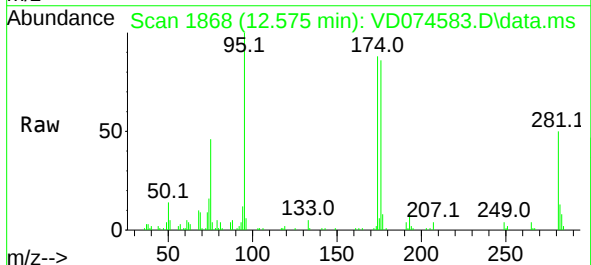
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

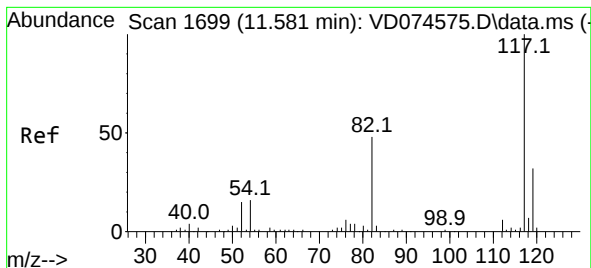
Tgt Ion:107 Resp: 12323
Ion Ratio Lower Upper
107 100
109 98.3 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.007 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 95 Resp: 42502
Ion Ratio Lower Upper
95 100
174 92.7 0.0 197.0
176 89.5 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

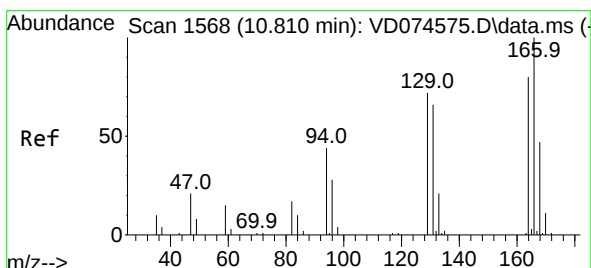
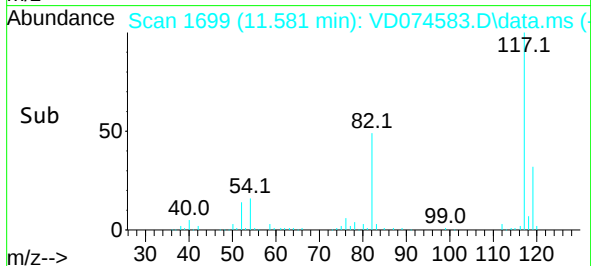
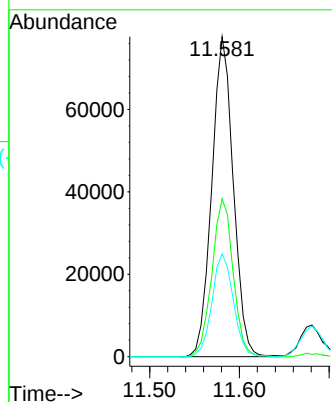
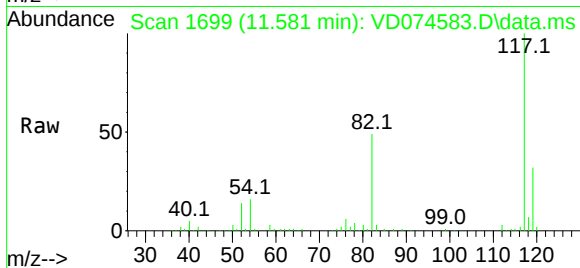
Tgt Ion:117 Resp: 129242

Ion Ratio Lower Upper

117 100

82 49.4 41.6 62.4

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 19.679 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Tgt Ion:164 Resp: 18800

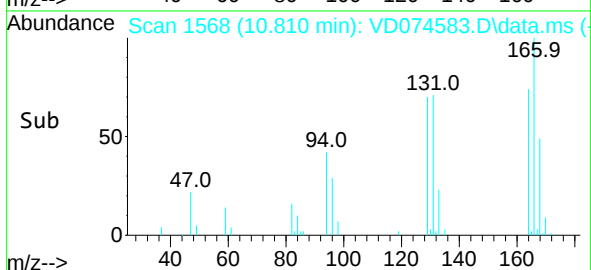
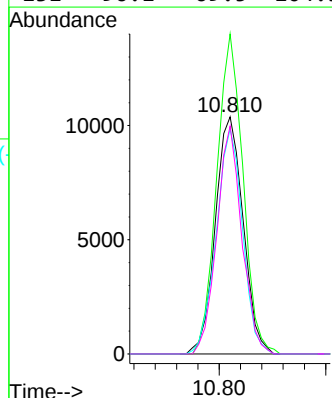
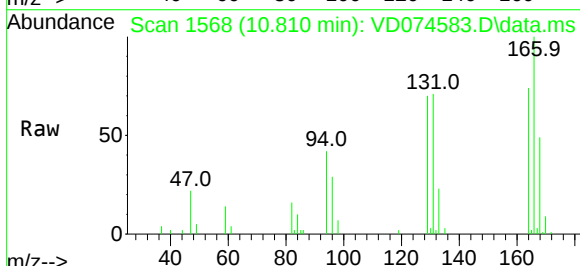
Ion Ratio Lower Upper

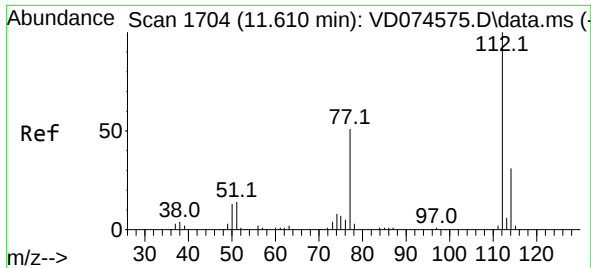
164 100

166 135.0 107.8 161.8

129 95.0 77.4 116.2

131 96.1 69.5 104.3

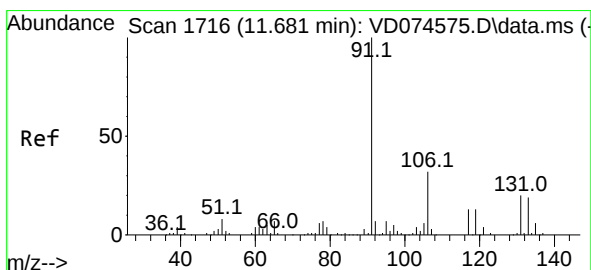
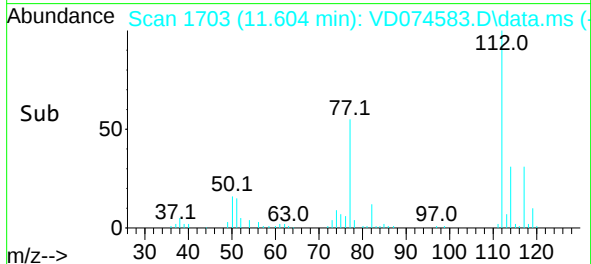
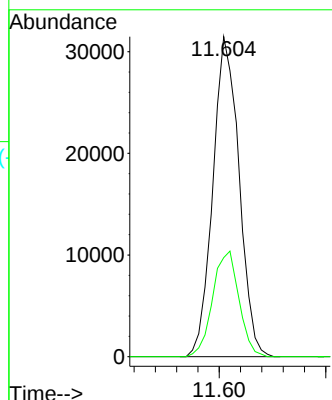
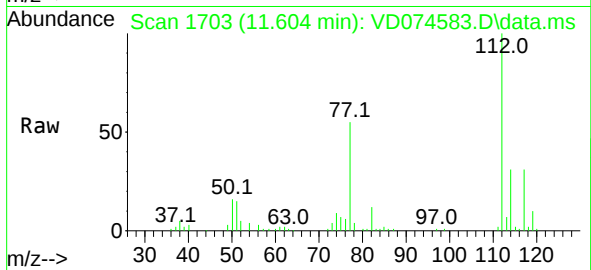




#65
Chlorobenzene
Concen: 19.726 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

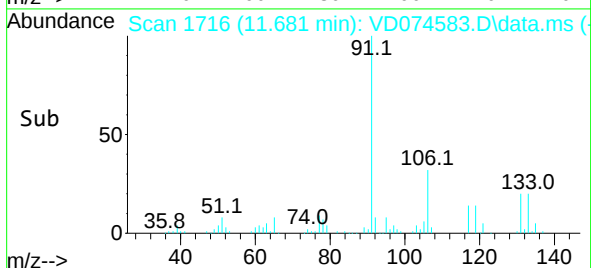
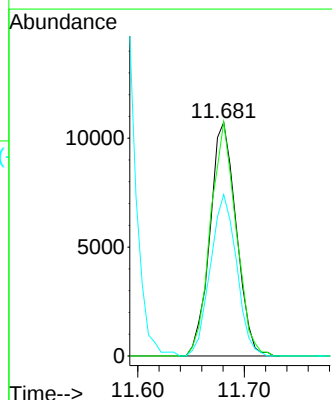
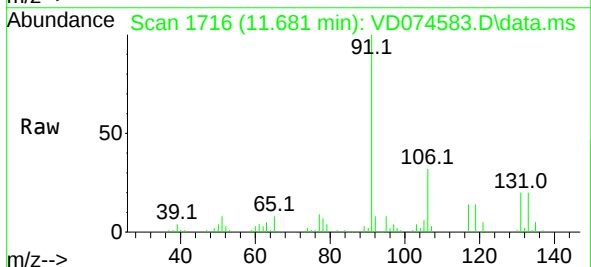
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

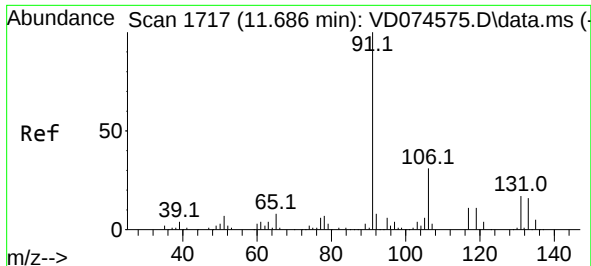
Tgt Ion:112 Resp: 53700
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.676 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion:131 Resp: 18403
Ion Ratio Lower Upper
131 100
133 97.6 46.6 139.8
119 68.7 32.5 97.4





#67

Ethyl Benzene

Concen: 20.192 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

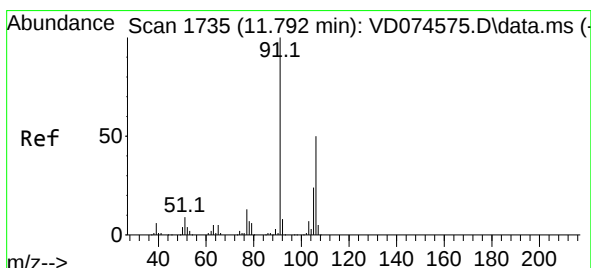
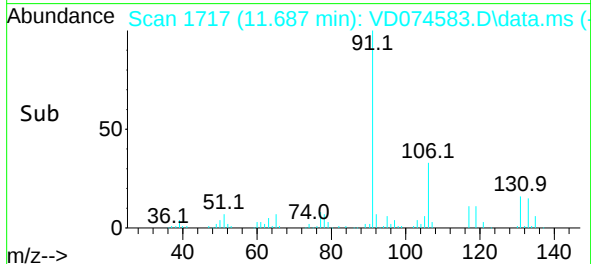
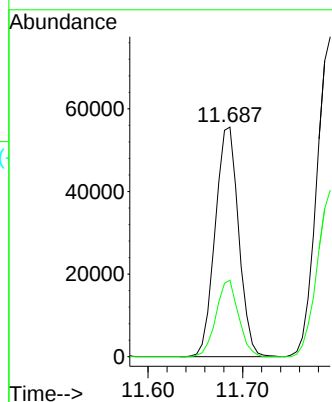
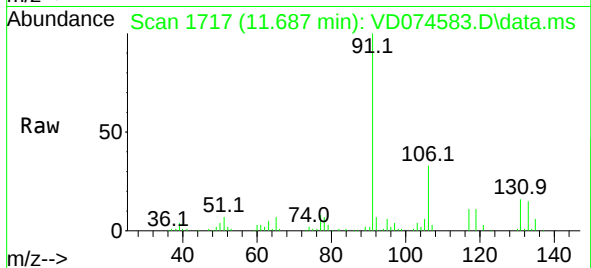
VD1019SBSD01

Tgt Ion: 91 Resp: 95720

Ion Ratio Lower Upper

91 100

106 33.3 26.6 40.0



#68

m/p-Xylenes

Concen: 40.738 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD074583.D

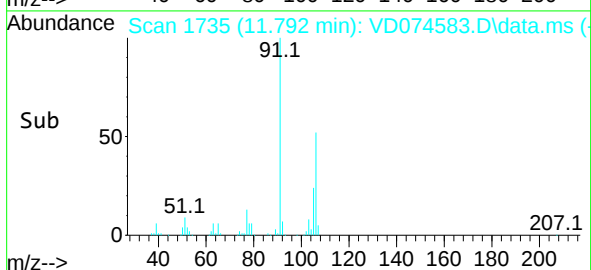
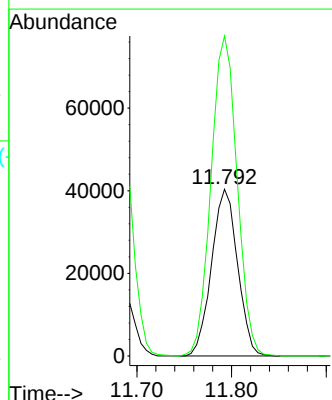
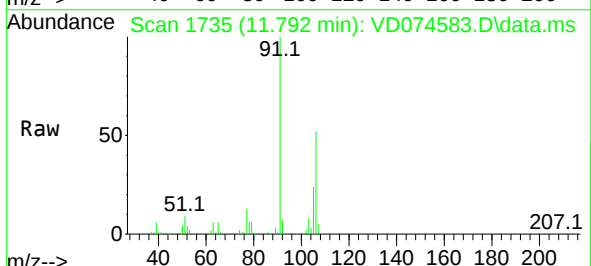
Acq: 19 Oct 2022 17:12

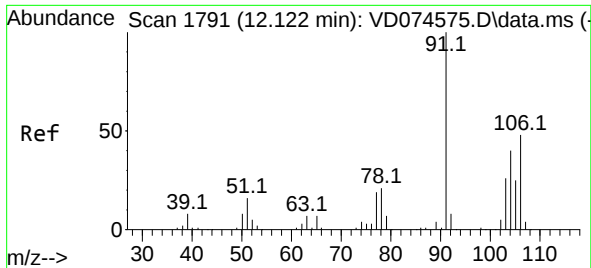
Tgt Ion: 106 Resp: 76786

Ion Ratio Lower Upper

106 100

91 192.7 156.2 234.4

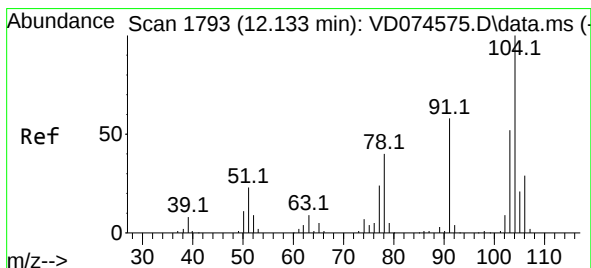
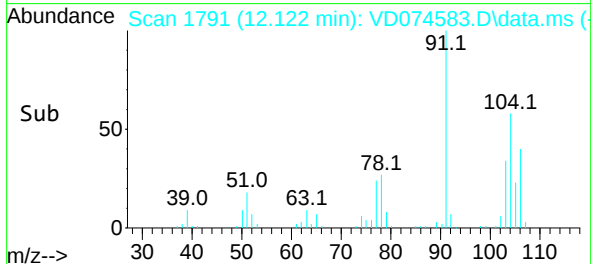
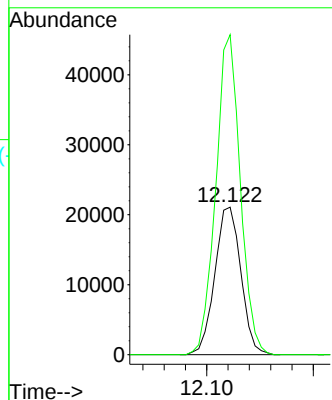
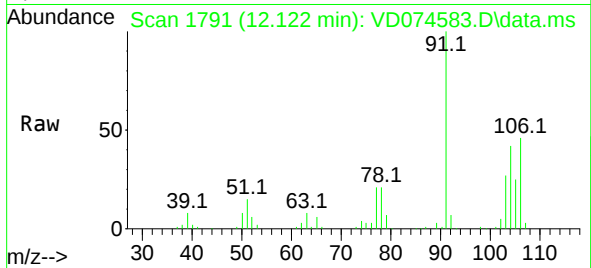




#69
o-Xylene
Concen: 20.403 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

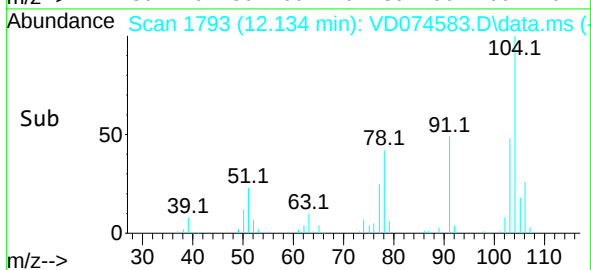
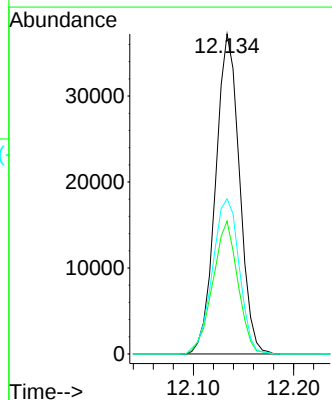
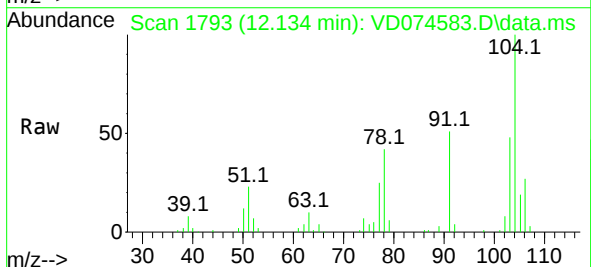
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

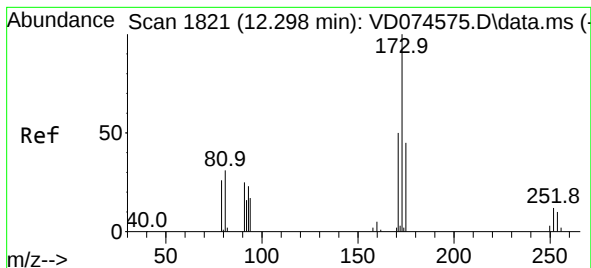
Tgt Ion:106 Resp: 35791
Ion Ratio Lower Upper
106 100
91 203.9 104.5 313.3



#70
Styrene
Concen: 20.827 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion:104 Resp: 61529
Ion Ratio Lower Upper
104 100
78 43.6 35.7 53.5
103 54.4 43.7 65.5





#71

Bromoform

Concen: 19.768 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

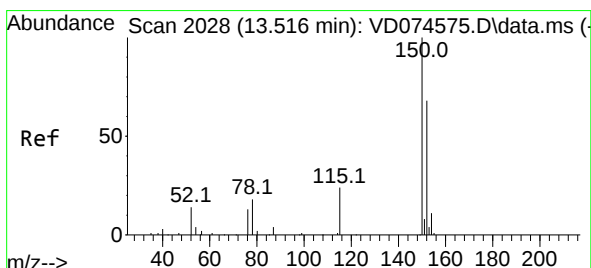
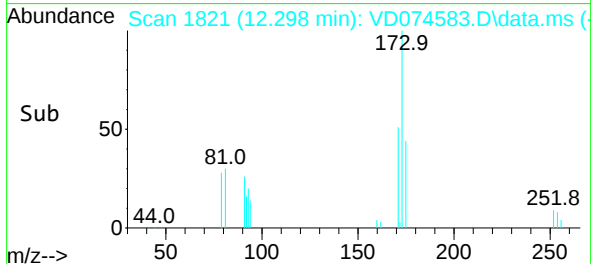
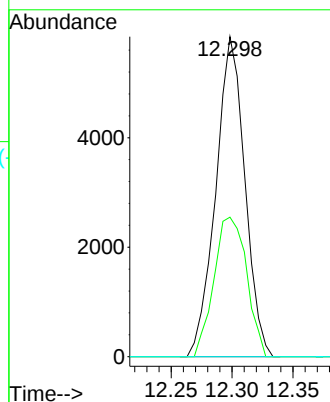
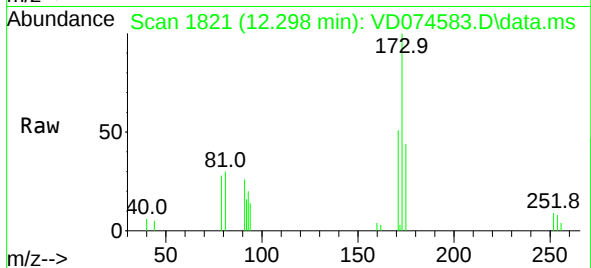
Tgt Ion:173 Resp: 9707

Ion Ratio Lower Upper

173 100

175 49.0 23.1 69.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

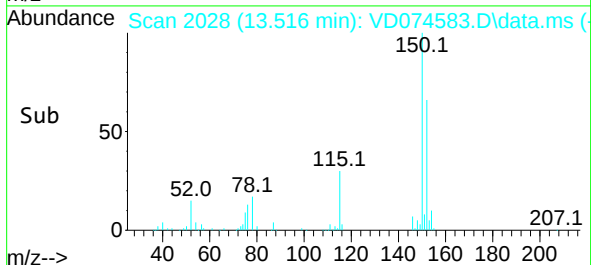
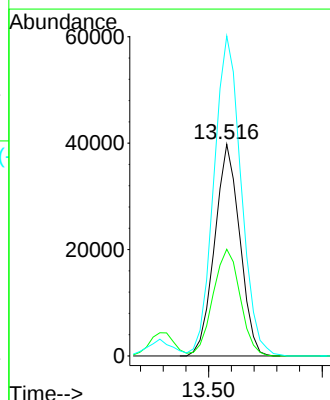
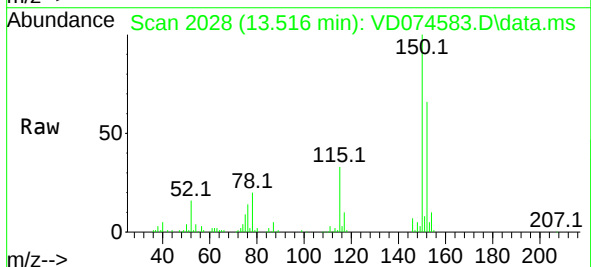
Tgt Ion:152 Resp: 61182

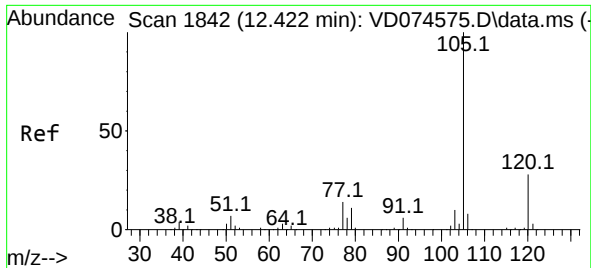
Ion Ratio Lower Upper

152 100

115 54.4 26.8 80.4

150 163.5 0.0 348.2

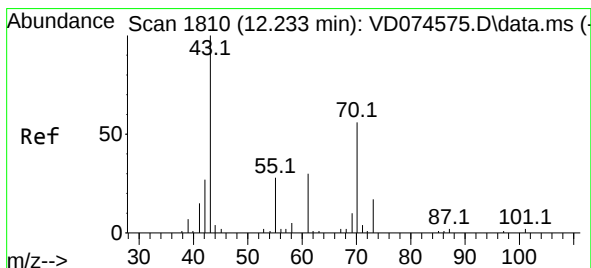
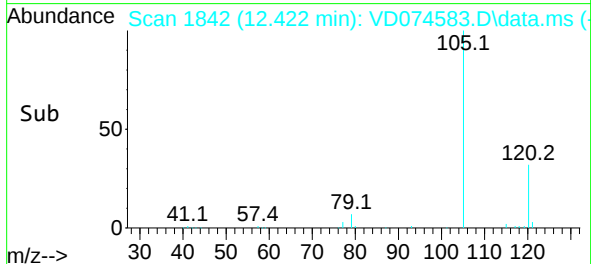
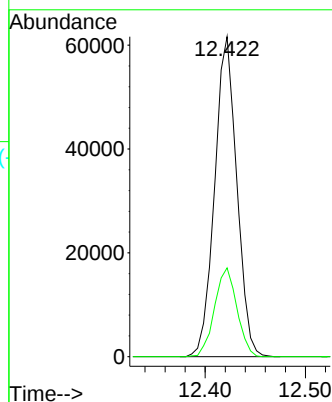
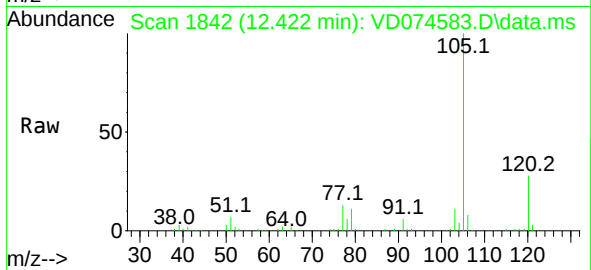




#73
Isopropylbenzene
Concen: 19.811 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

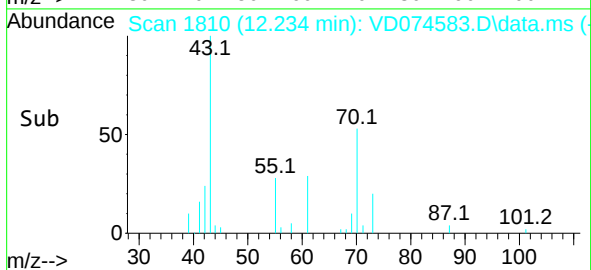
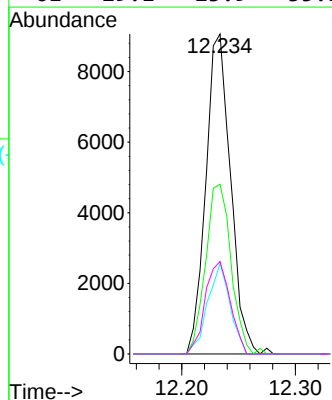
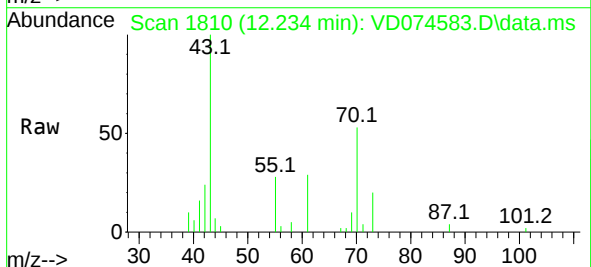
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

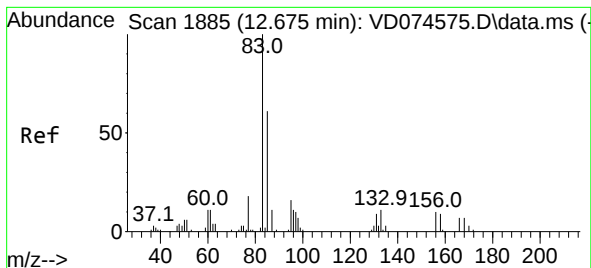
Tgt Ion:105 Resp: 94530
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4



#74
N-ethyl acetate
Concen: 19.466 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 43 Resp: 13729
Ion Ratio Lower Upper
43 100
70 54.5 43.8 65.6
55 25.6 22.0 33.0
61 29.1 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.316 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

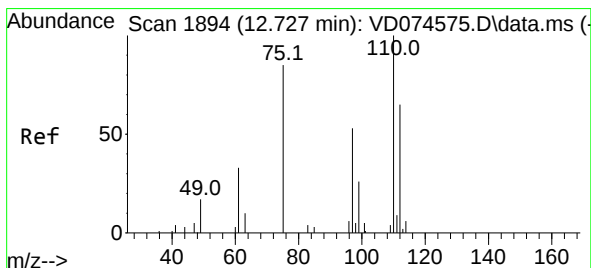
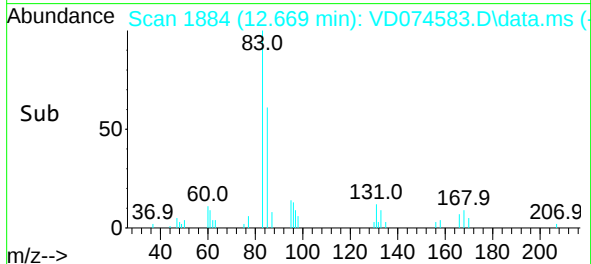
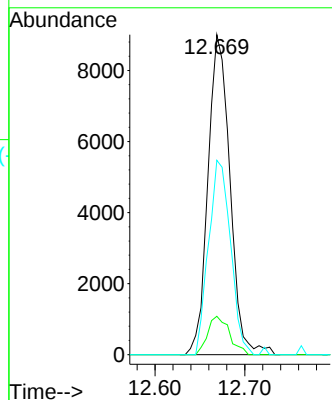
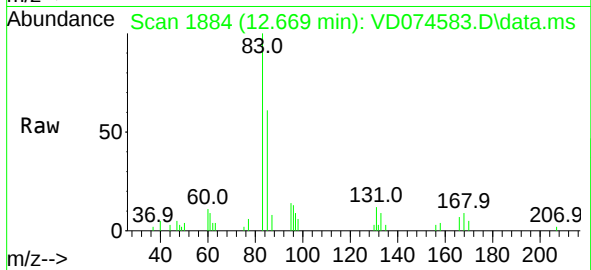
Tgt Ion: 83 Resp: 15346

Ion Ratio Lower Upper

83 100

131 11.9 4.7 14.1

85 60.7 33.1 99.2



#76

1,2,3-Trichloropropane

Concen: 32.657 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VD074583.D

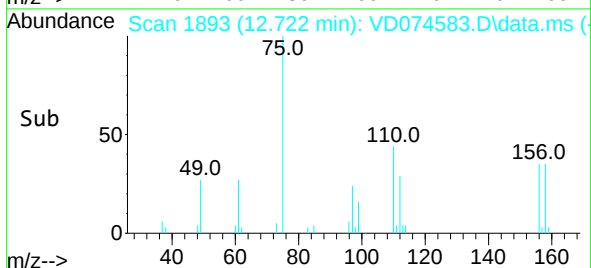
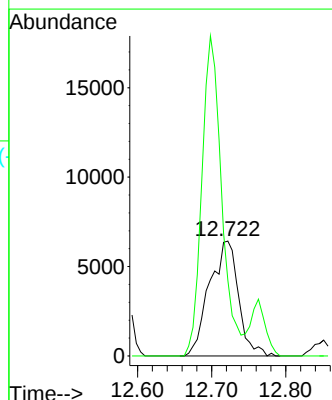
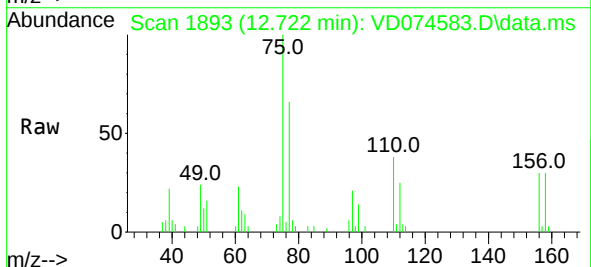
Acq: 19 Oct 2022 17:12

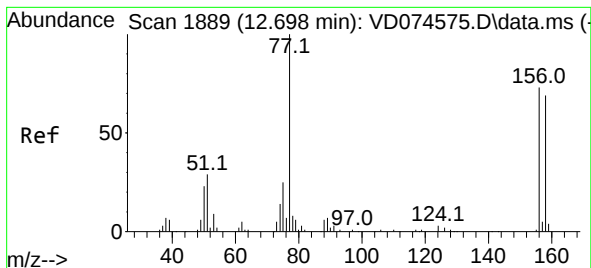
Tgt Ion: 75 Resp: 17446

Ion Ratio Lower Upper

75 100

77 0.0 185.8 557.5#





#77

Bromobenzene

Concen: 19.236 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

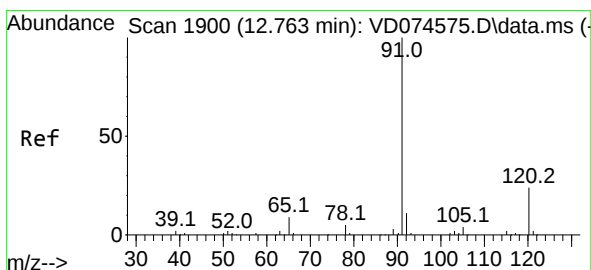
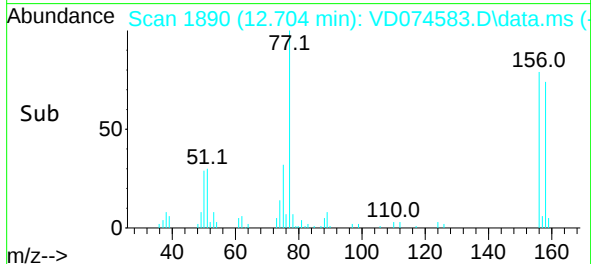
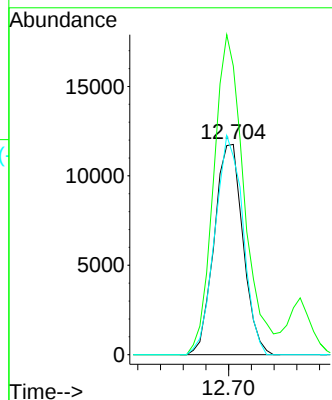
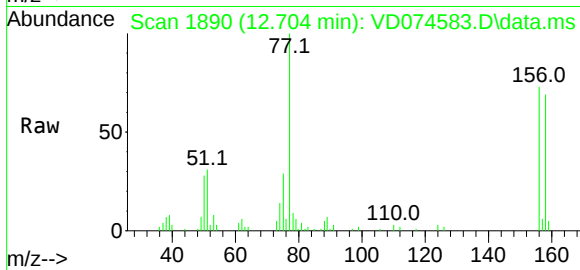
Tgt Ion:156 Resp: 20715

Ion Ratio Lower Upper

156 100

77 160.0 77.7 233.1

158 101.8 49.4 148.2



#78

n-propylbenzene

Concen: 20.444 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD074583.D

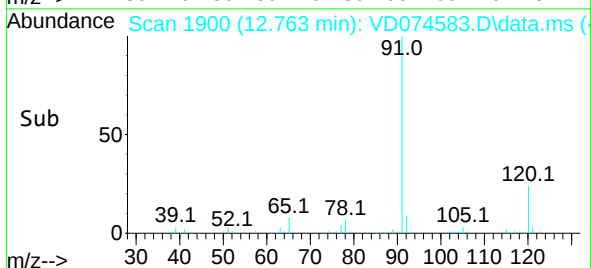
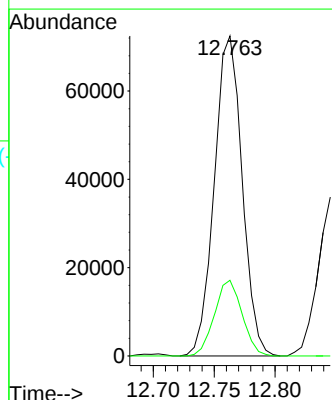
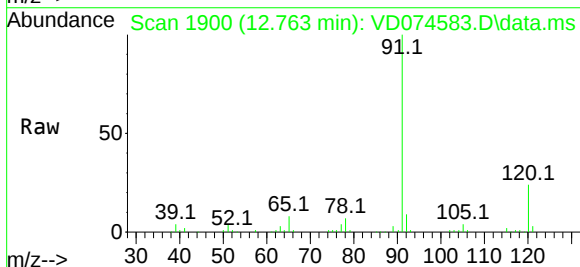
Acq: 19 Oct 2022 17:12

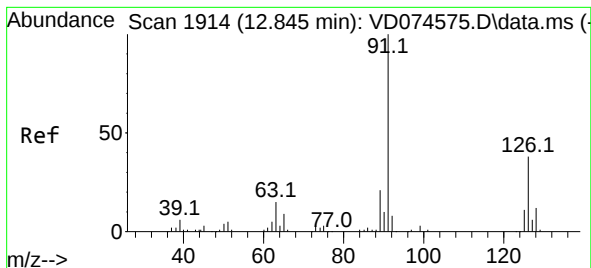
Tgt Ion: 91 Resp: 115282

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7

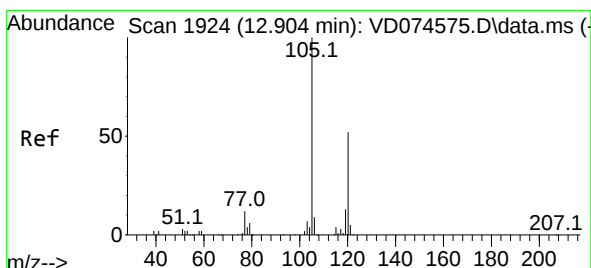
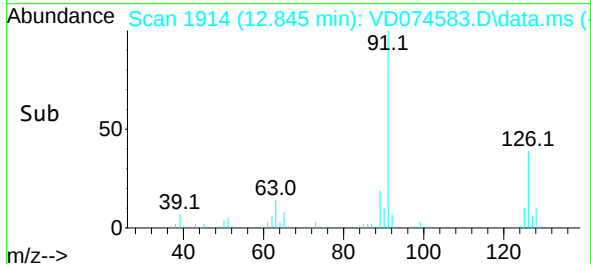
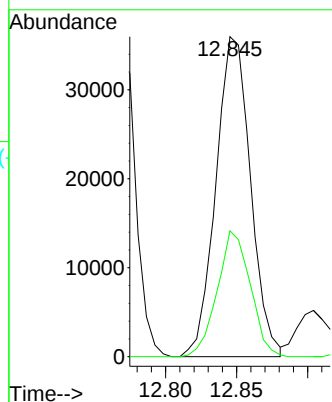
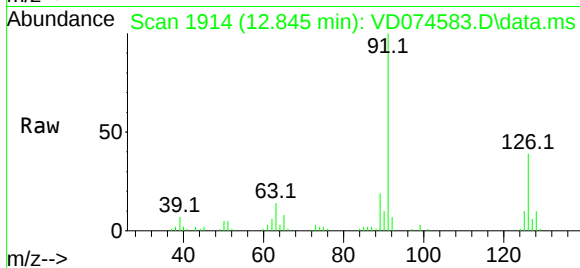




#79
2-Chlorotoluene
Concen: 19.987 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

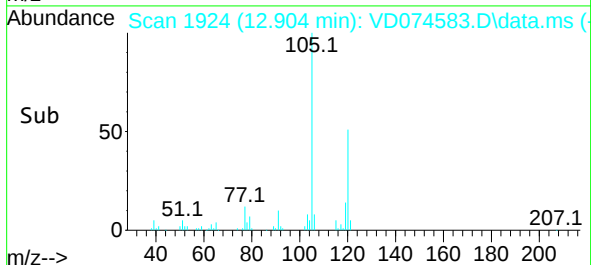
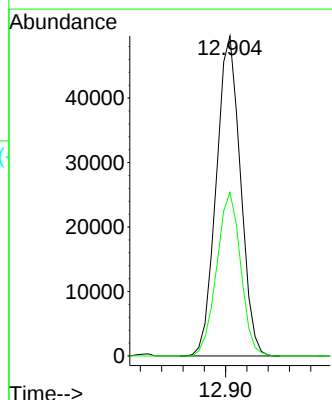
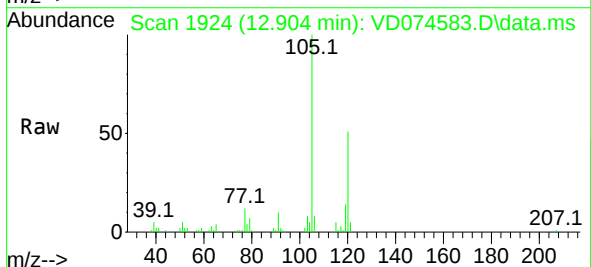
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

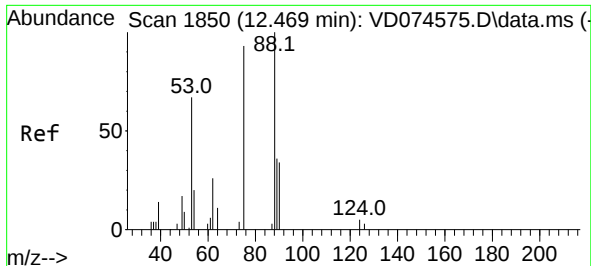
Tgt Ion: 91 Resp: 61059
Ion Ratio Lower Upper
91 100
126 37.4 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.162 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 105 Resp: 78093
Ion Ratio Lower Upper
105 100
120 50.6 25.7 77.0

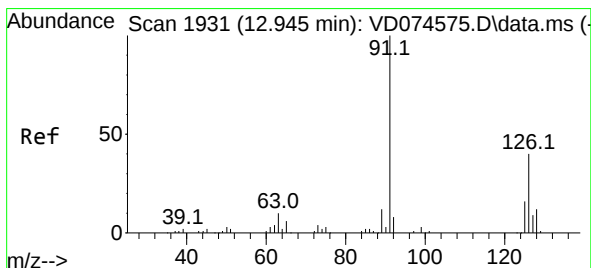
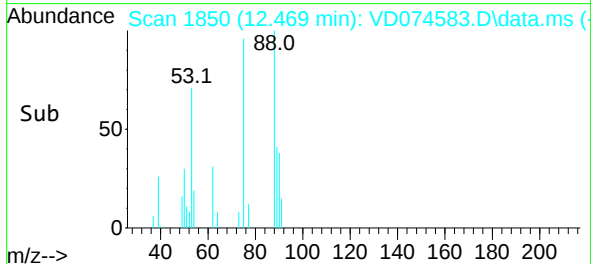
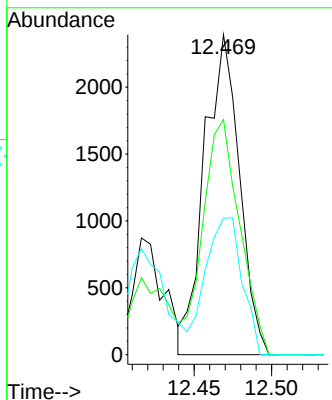
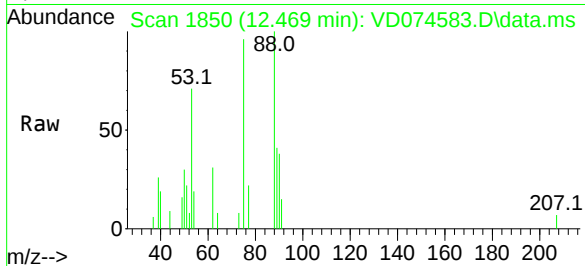




#81
trans-1,4-Dichloro-2-butene
Concen: 17.881 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

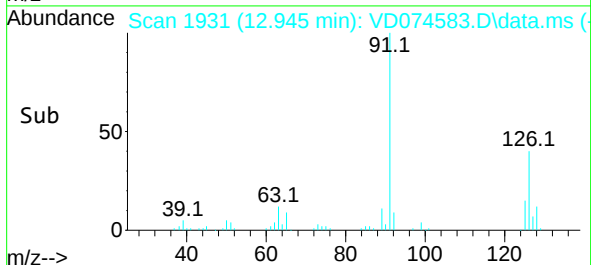
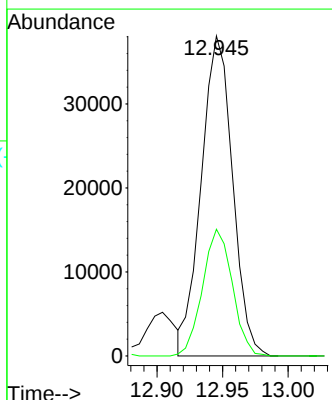
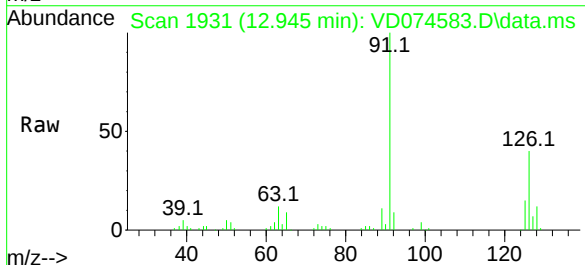
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

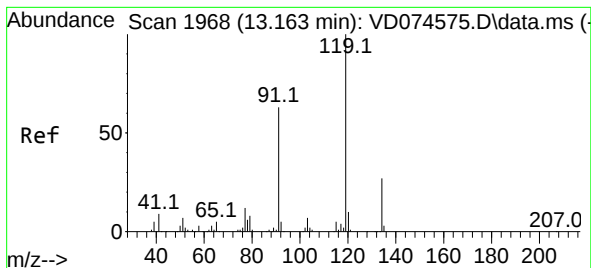
Tgt Ion: 75 Resp: 3738
Ion Ratio Lower Upper
75 100
53 78.1 63.8 95.6
89 44.8 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.141 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 91 Resp: 63215
Ion Ratio Lower Upper
91 100
126 37.7 18.8 56.4





#83

tert-Butylbenzene

Concen: 19.989 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

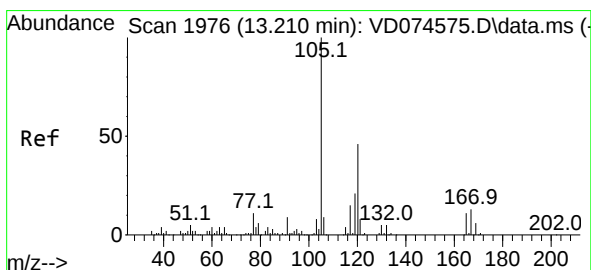
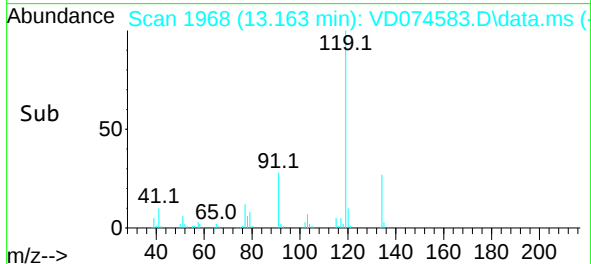
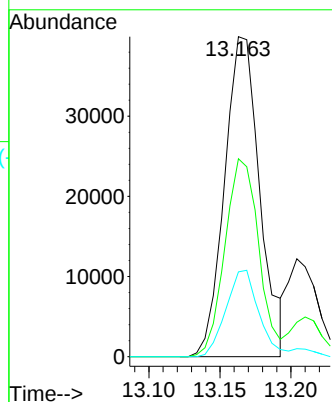
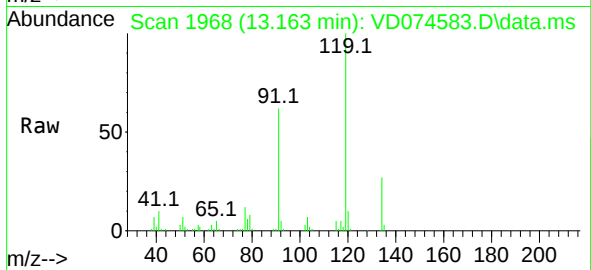
Tgt Ion:119 Resp: 69068

Ion Ratio Lower Upper

119 100

91 59.3 30.0 90.0

134 25.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.359 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD074583.D

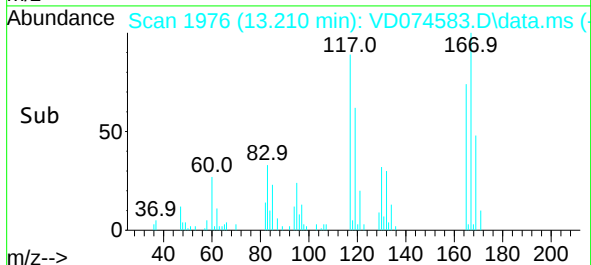
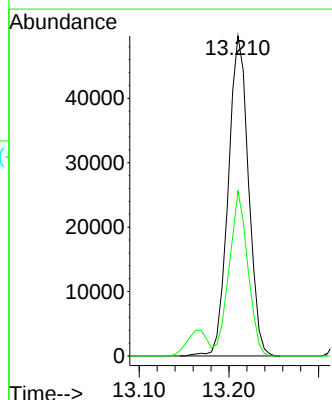
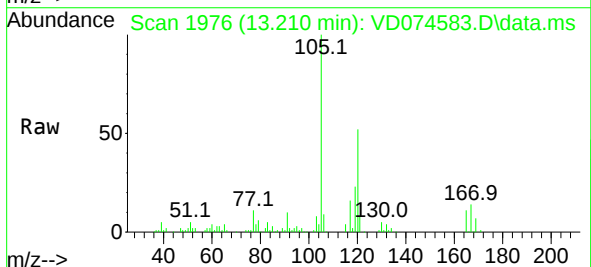
Acq: 19 Oct 2022 17:12

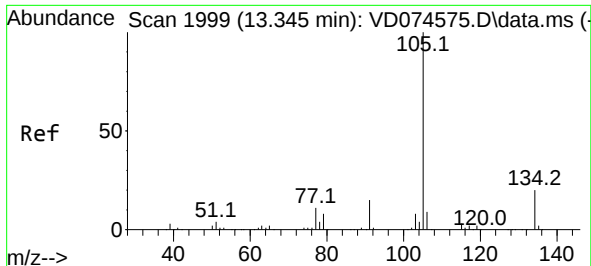
Tgt Ion:105 Resp: 77599

Ion Ratio Lower Upper

105 100

120 47.7 22.9 68.7

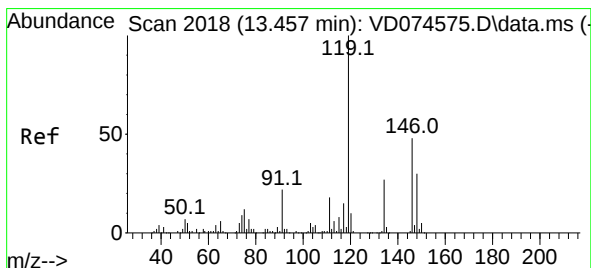
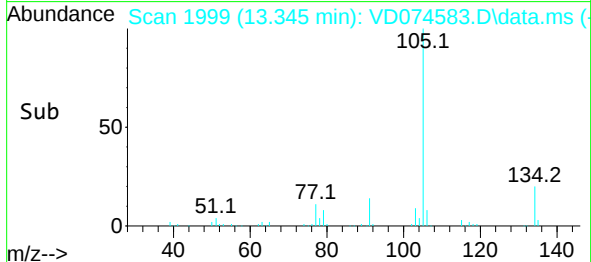
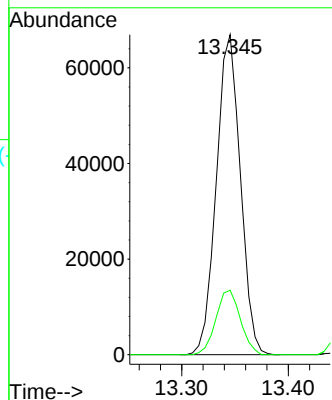
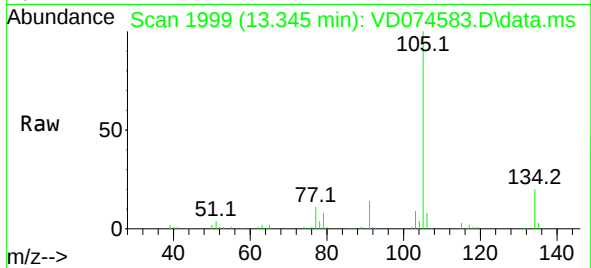




#85
 sec-Butylbenzene
 Concen: 20.188 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074583.D
 Acq: 19 Oct 2022 17:12

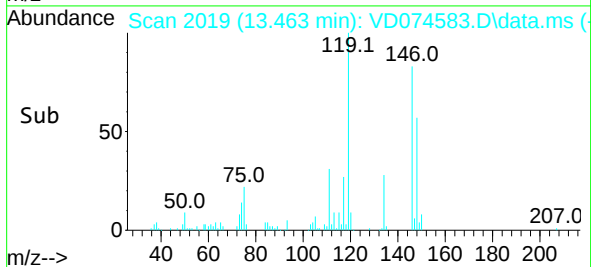
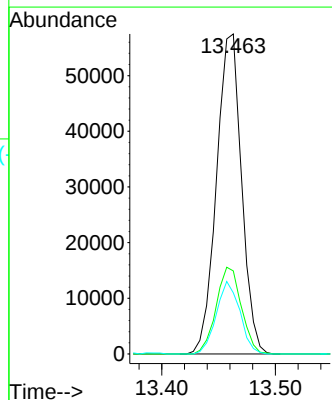
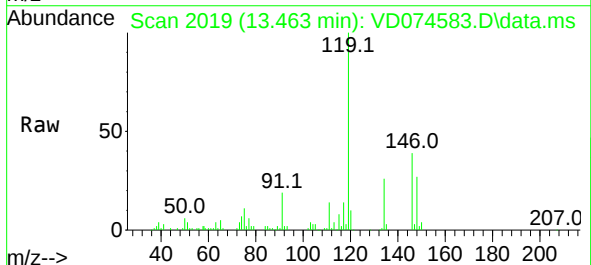
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

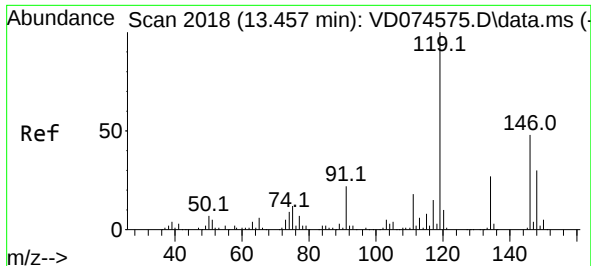
Tgt Ion:105 Resp: 104679
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.266 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD074583.D
 Acq: 19 Oct 2022 17:12

Tgt Ion:119 Resp: 88034
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.4
 91 21.4 10.8 32.4

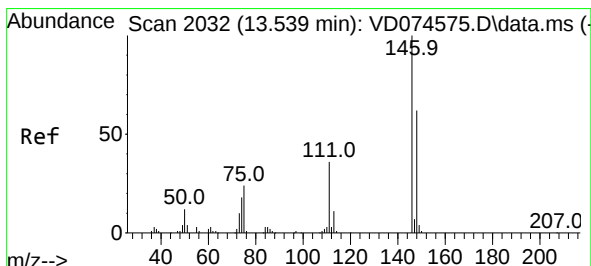
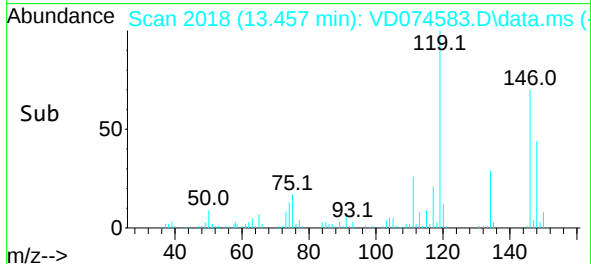
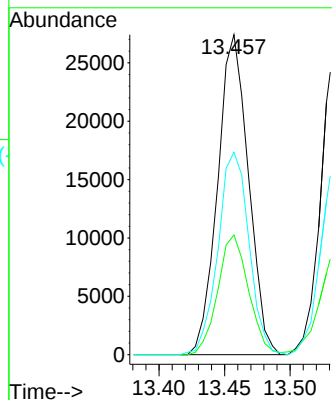
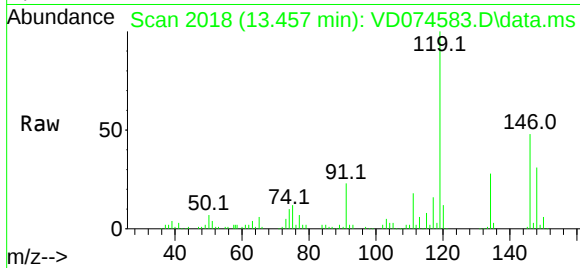




#87
1,3-Dichlorobenzene
Concen: 19.970 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

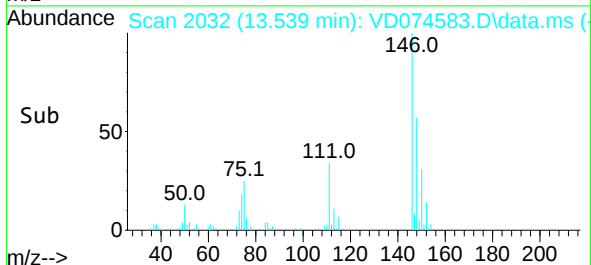
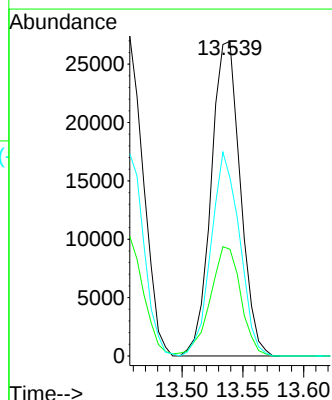
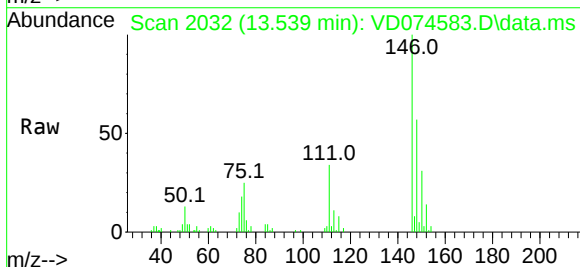
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

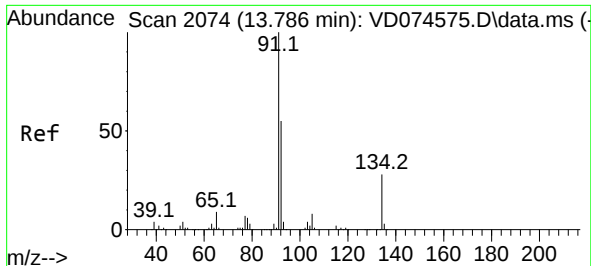
Tgt Ion:146 Resp: 44691
Ion Ratio Lower Upper
146 100
111 37.4 18.3 54.8
148 63.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.476 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.005 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion:146 Resp: 44857
Ion Ratio Lower Upper
146 100
111 36.6 17.7 53.1
148 63.3 32.3 96.9

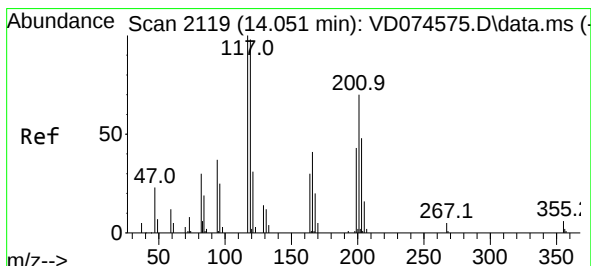
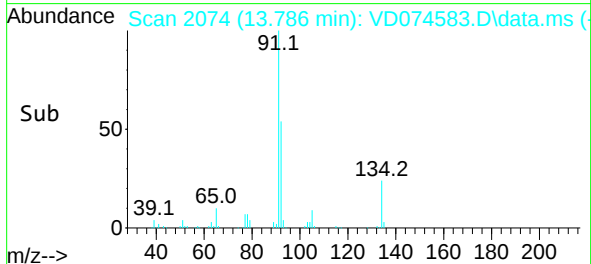
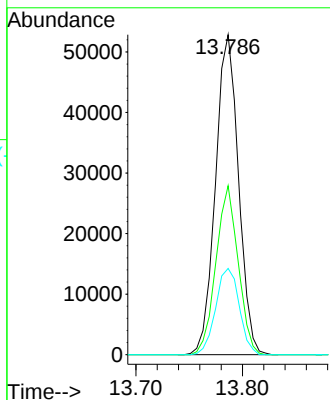
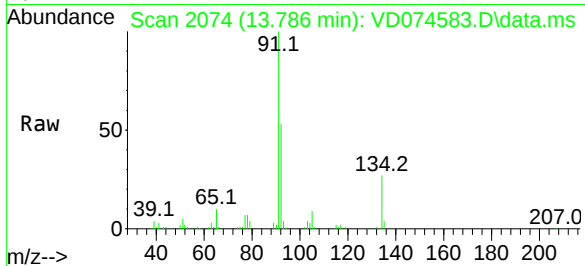




#89
n-Butylbenzene
Concen: 20.024 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

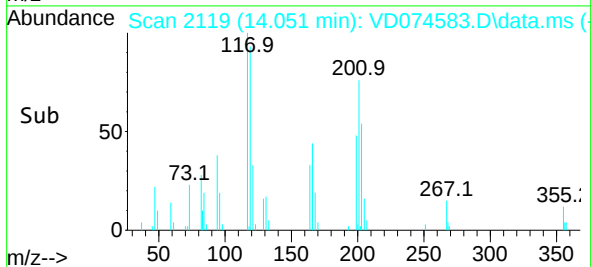
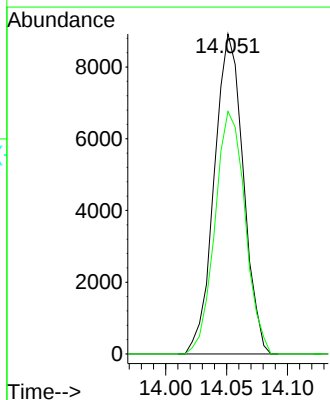
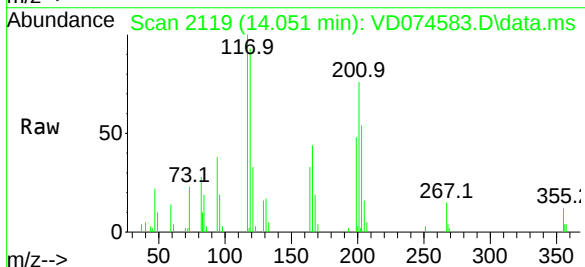
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

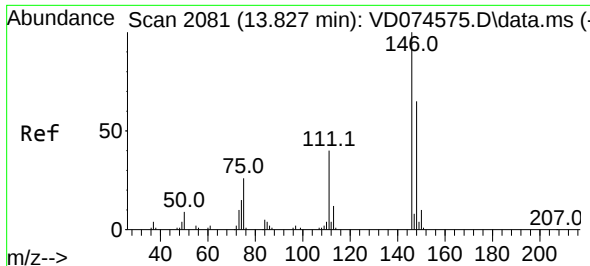
Tgt Ion: 91 Resp: 79248
Ion Ratio Lower Upper
91 100
92 50.9 26.9 80.7
134 27.6 13.4 40.2



#90
Hexachloroethane
Concen: 19.582 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion: 117 Resp: 14806
Ion Ratio Lower Upper
117 100
201 78.6 38.0 114.0

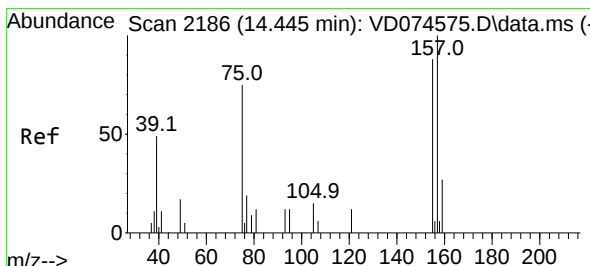
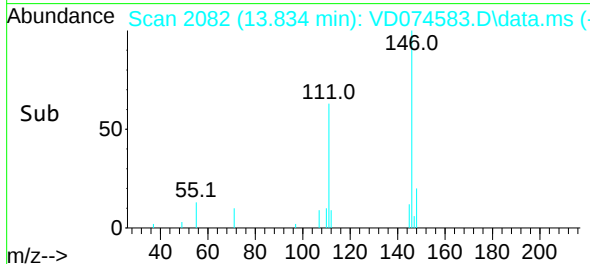
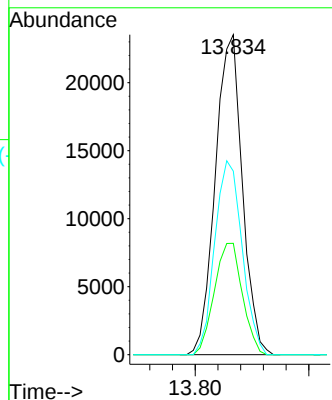
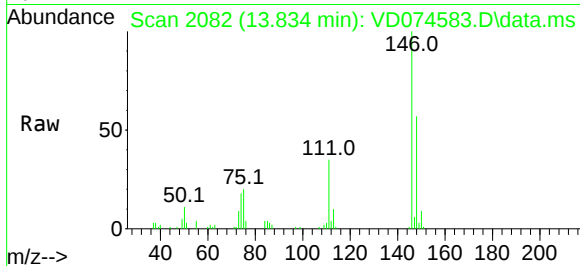




#91
1,2-Dichlorobenzene
Concen: 20.808 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

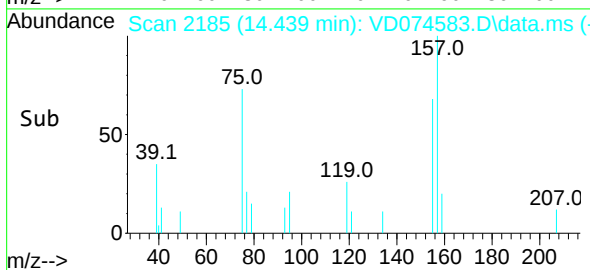
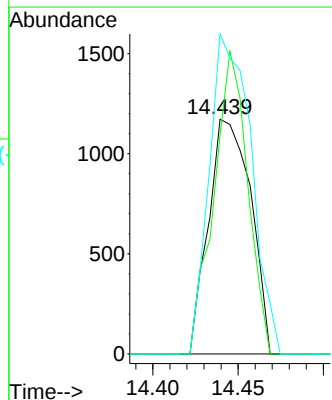
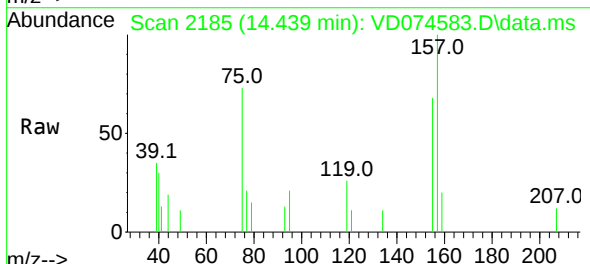
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

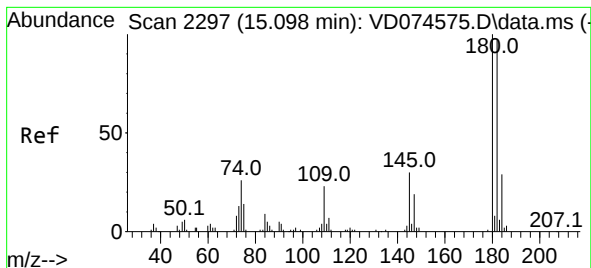
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.9	56.5
148	61.4	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.289 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD074583.D
Acq: 19 Oct 2022 17:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	51.2	153.8
157	135.0	68.2	204.5





#93

1,2,4-Trichlorobenzene

Concen: 20.139 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

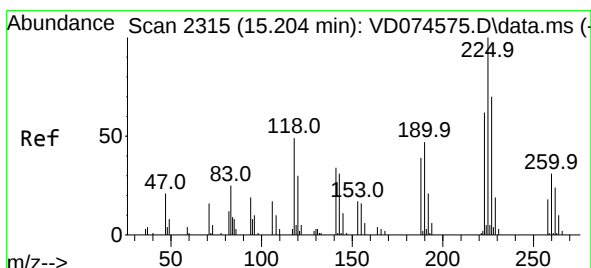
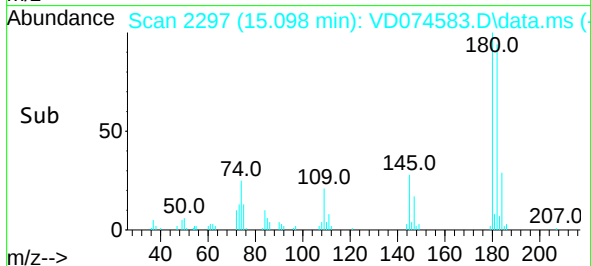
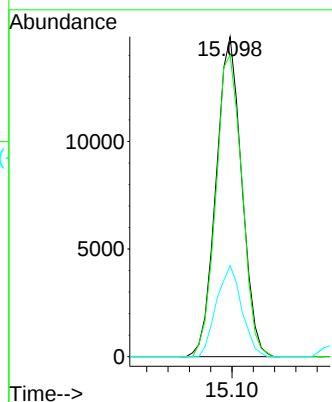
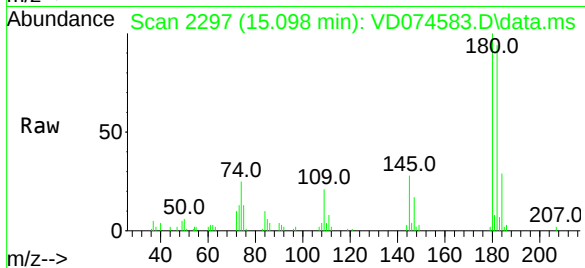
Tgt Ion:180 Resp: 24800

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.6

145 28.0 14.1 42.3



#94

Hexachlorobutadiene

Concen: 19.645 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

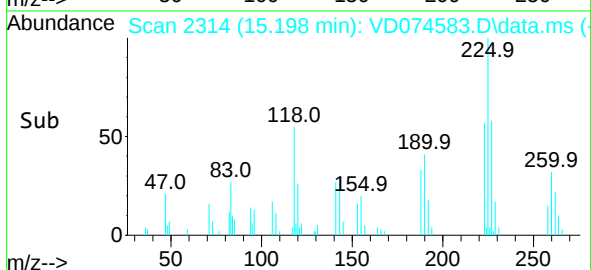
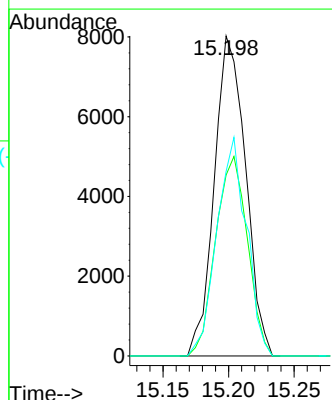
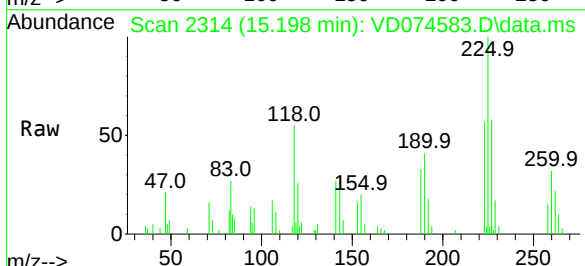
Tgt Ion:225 Resp: 13309

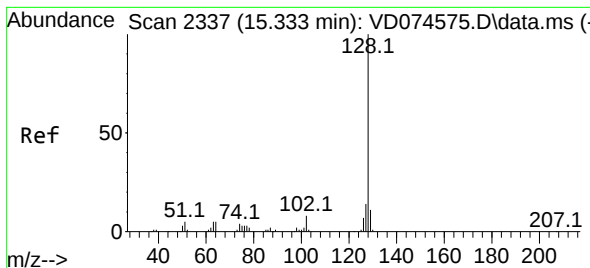
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.5

227 64.8 32.6 97.8





#95

Naphthalene

Concen: 19.424 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

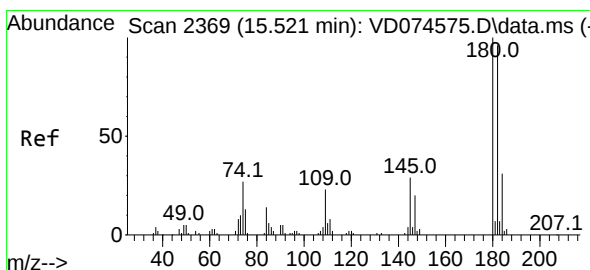
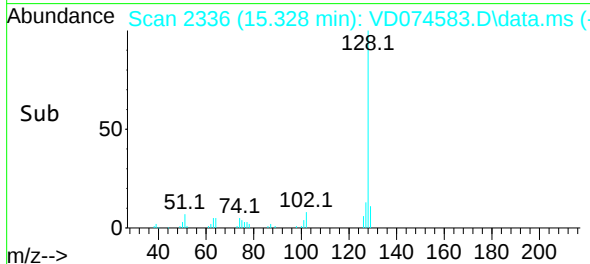
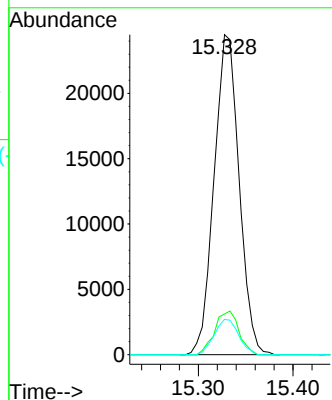
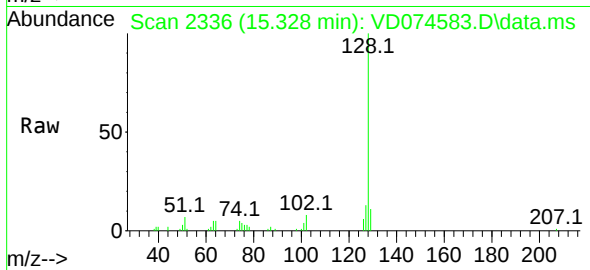
Tgt Ion:128 Resp: 45027

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 20.696 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD074583.D

Acq: 19 Oct 2022 17:12

Tgt Ion:180 Resp: 21847

Ion Ratio Lower Upper

180 100

182 96.5 46.7 140.1

145 30.5 14.9 44.7

