

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074587.D
 Acq On : 19 Oct 2022 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 20 06:49:22 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	89845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	150588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	122556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58587	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32934	48.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.810	113	39674	47.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.269	98	136941	45.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.575	95	40274	46.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34564	49.562	ug/l	97
3) Chloromethane	2.146	50	48170	51.024	ug/l	92
4) Vinyl Chloride	2.281	62	54130	51.849	ug/l	100
5) Bromomethane	2.687	94	35661	45.107	ug/l	99
6) Chloroethane	2.834	64	37466	52.197	ug/l	93
7) Trichlorofluoromethane	3.175	101	74286	50.200	ug/l	99
8) Diethyl Ether	3.593	74	22899	53.433	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	48954	51.298	ug/l	99
10) Methyl Iodide	4.164	142	62839	50.531	ug/l	99
11) Tert butyl alcohol	5.058	59	18818	313.802	ug/l #	96
12) 1,1-Dichloroethene	3.940	96	49407	51.762	ug/l #	79
13) Acrolein	3.793	56	17403	236.884	ug/l	99
14) Allyl chloride	4.564	41	50948	49.427	ug/l	95
15) Acrylonitrile	5.258	53	47665	272.141	ug/l	99
16) Acetone	4.028	43	31442	209.908	ug/l	95
17) Carbon Disulfide	4.269	76	124706	47.746	ug/l	99
18) Methyl Acetate	4.569	43	21756	54.128	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	103290	55.378	ug/l	98
20) Methylene Chloride	4.805	84	63014	55.956	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	53915	50.670	ug/l	87
22) Diisopropyl ether	6.216	45	113133	54.390	ug/l	96
23) Vinyl Acetate	6.158	43	228367	251.069	ug/l	100
24) 1,1-Dichloroethane	6.111	63	84187	52.149	ug/l	98
25) 2-Butanone	7.081	43	48776	243.515	ug/l	93
26) 2,2-Dichloropropane	7.075	77	74368	48.198	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	61541	52.146	ug/l	97
28) Bromochloromethane	7.428	49	25246	57.595	ug/l	96
29) Tetrahydrofuran	7.446	42	30146	275.943	ug/l	99
30) Chloroform	7.593	83	91133	52.463	ug/l	99
31) Cyclohexane	7.875	56	65354	47.430	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	82060	51.514	ug/l	98
36) 1,1-Dichloropropene	8.005	75	66539	49.186	ug/l	99
37) Ethyl Acetate	7.169	43	21045	49.307	ug/l	97
38) Carbon Tetrachloride	7.993	117	66262	50.021	ug/l	94
39) Methylcyclohexane	9.275	83	75608	46.777	ug/l	99
40) Benzene	8.252	78	204603	50.961	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11711	50.925	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	47691	51.475	ug/l	99
43) Isopropyl Acetate	8.363	43	41898	52.820	ug/l	98
44) Trichloroethene	9.028	130	57498	48.886	ug/l	99
45) 1,2-Dichloropropane	9.304	63	42570	48.315	ug/l	94
46) Dibromomethane	9.393	93	24916	49.005	ug/l	95
47) Bromodichloromethane	9.587	83	61768	49.102	ug/l	93
48) Methyl methacrylate	9.381	41	18484	50.989	ug/l	97
49) 1,4-Dioxane	9.387	88	5404	1079.937	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	100814	255.519	ug/l	100
52) Toluene	10.334	92	124409	50.245	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	53507	48.378	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	66057	47.368	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	35662	51.051	ug/l	95
56) Ethyl methacrylate	10.599	69	39644	51.917	ug/l	96
57) 1,3-Dichloropropane	10.881	76	56366	49.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	37567	195.265	ug/l	98
59) 2-Hexanone	10.922	43	66014	245.136	ug/l	95
60) Dibromochloromethane	11.075	129	41826	49.675	ug/l	98
61) 1,2-Dibromoethane	11.181	107	32242	50.562	ug/l	100
64) Tetrachloroethene	10.810	164	44443	49.060	ug/l	96
65) Chlorobenzene	11.604	112	136303	52.800	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	47649	53.724	ug/l	100
67) Ethyl Benzene	11.681	91	236463	52.603	ug/l	99
68) m/p-Xylenes	11.793	106	186411	104.295	ug/l	98
69) o-Xylene	12.122	106	87633	52.682	ug/l	96
70) Styrene	12.134	104	152216	54.336	ug/l	98
71) Bromoform	12.298	173	24714	53.074	ug/l #	95
73) Isopropylbenzene	12.422	105	235182	51.472	ug/l	99
74) N-amyl acetate	12.228	43	36344	53.815	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	37636	52.032	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	43954	85.921	ug/l #	1
77) Bromobenzene	12.698	156	53512	51.891	ug/l	98
78) n-propylbenzene	12.763	91	279423	51.746	ug/l	100
79) 2-Chlorotoluene	12.845	91	148630	50.808	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	189372	51.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	9814	49.025	ug/l	93
82) 4-Chlorotoluene	12.945	91	153567	51.096	ug/l	99
83) tert-Butylbenzene	13.163	119	173033	52.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	187995	51.507	ug/l	99
85) sec-Butylbenzene	13.345	105	255298	51.417	ug/l	97
86) p-Isopropyltoluene	13.457	119	212511	51.089	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	108395	50.582	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	106566	50.798	ug/l	100
89) n-Butylbenzene	13.787	91	195655	51.628	ug/l	98
90) Hexachloroethane	14.051	117	36697	50.685	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	94074	52.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5406	54.042	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	62934	53.370	ug/l	99
94) Hexachlorobutadiene	15.198	225	33593	51.783	ug/l	98
95) Naphthalene	15.328	128	117820	53.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	54521	53.936	ug/l	98

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QLast Update : Thu Oct 20 06:41:20 2022
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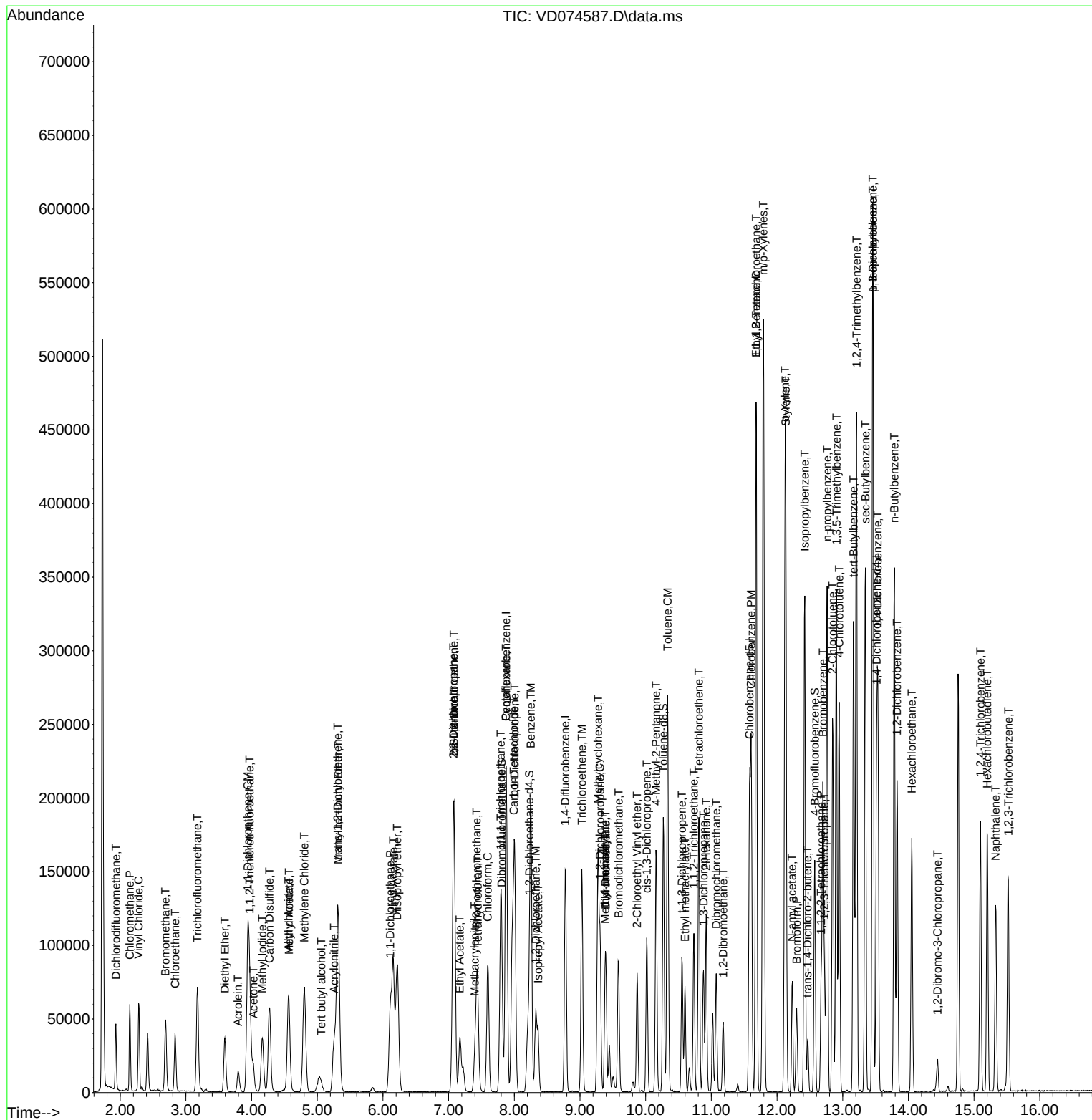
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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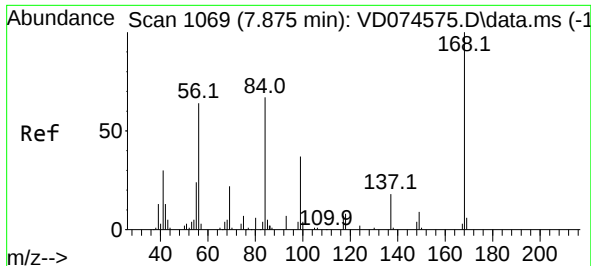
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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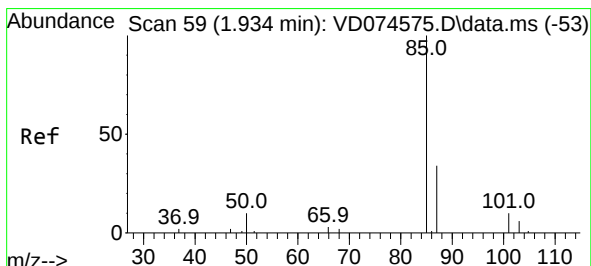
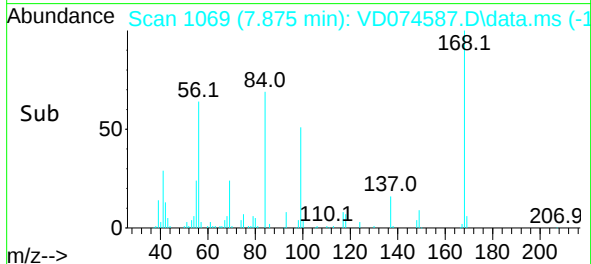
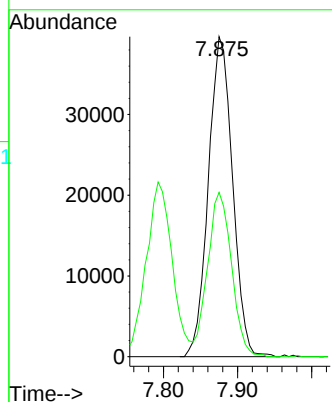
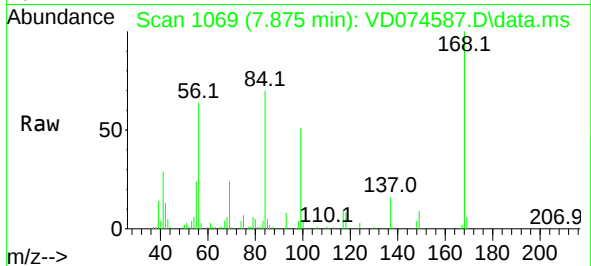




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074587.D
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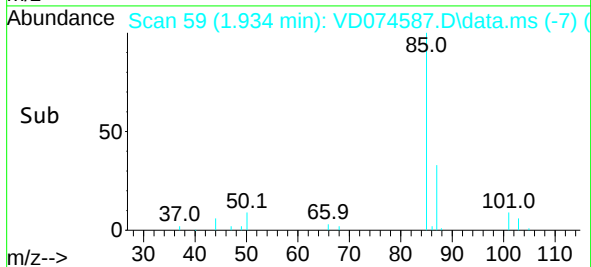
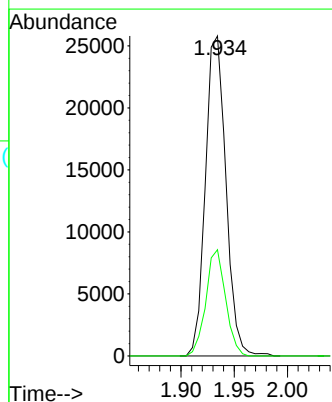
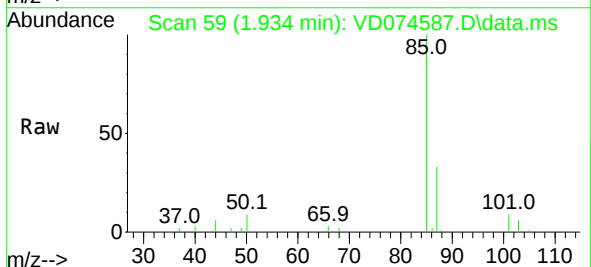
Instrument :
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ClientSampleId :
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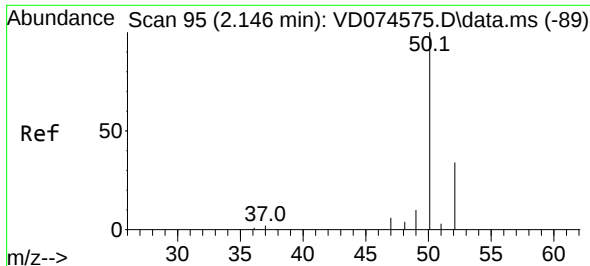
Tgt Ion:168 Resp: 89845
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 49.562 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 85 Resp: 34564
Ion Ratio Lower Upper
85 100
87 33.2 17.5 52.6

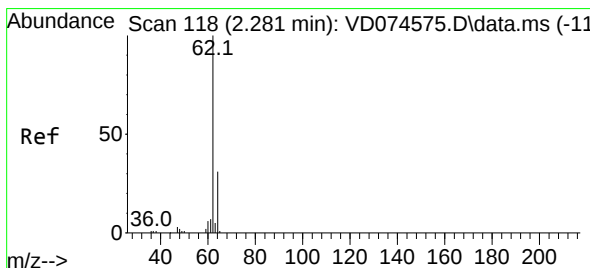
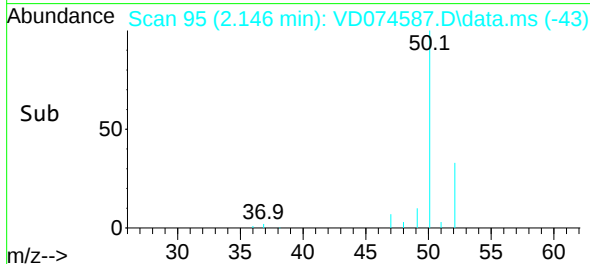
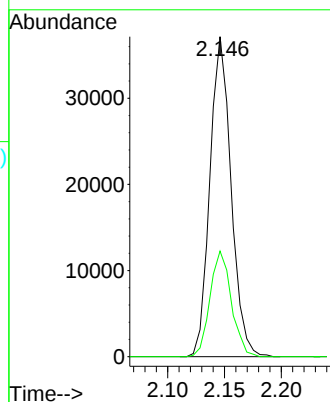
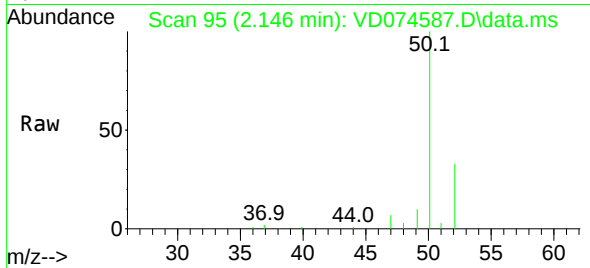




#3
Chloromethane
Concen: 51.024 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

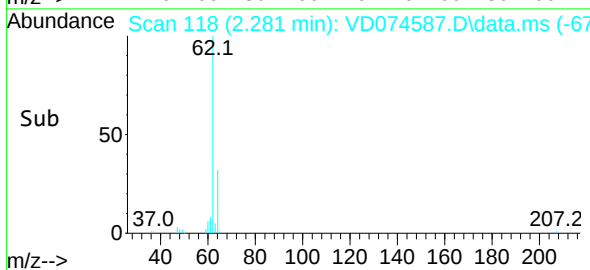
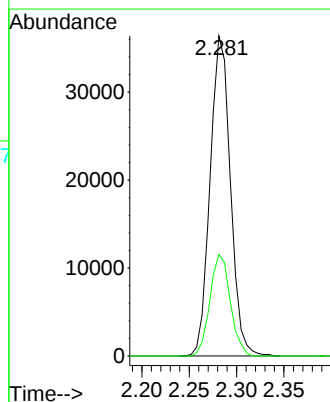
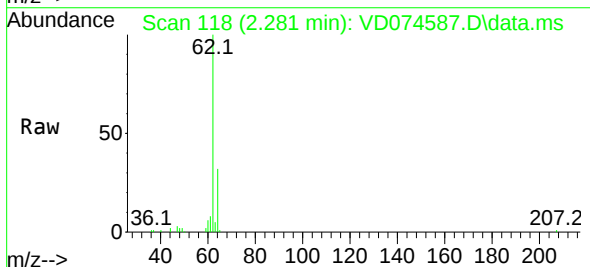
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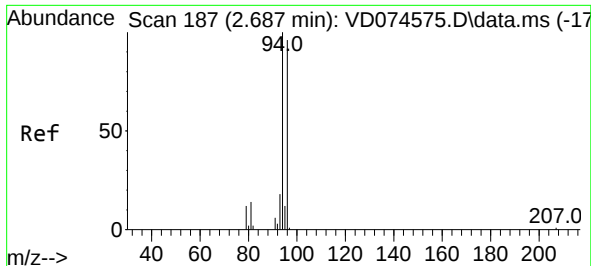
Tgt Ion: 50 Resp: 48170
Ion Ratio Lower Upper
50 100
52 33.0 30.0 45.0



#4
Vinyl Chloride
Concen: 51.849 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 62 Resp: 54130
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

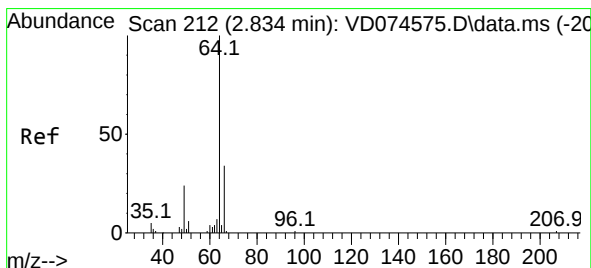
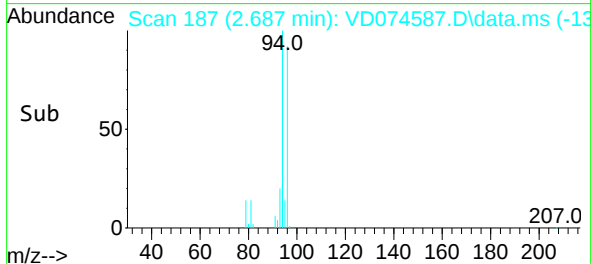
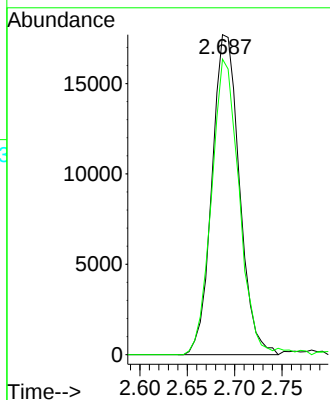
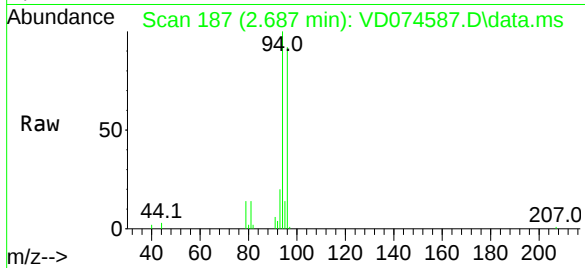




#5
Bromomethane
Concen: 45.107 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

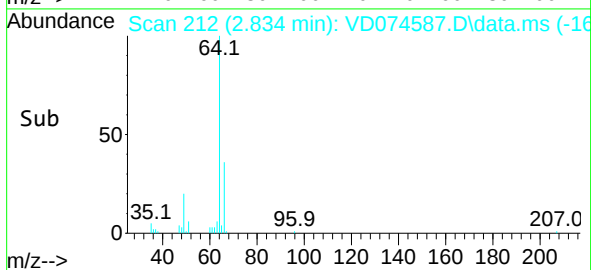
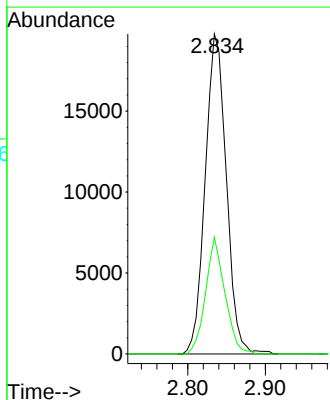
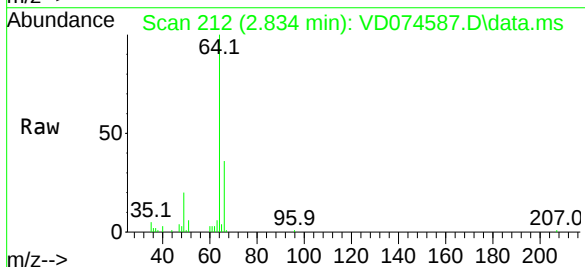
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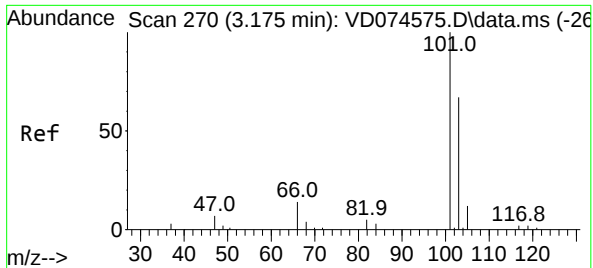
Tgt Ion: 94 Resp: 35661
Ion Ratio Lower Upper
94 100
96 92.4 74.6 112.0



#6
Chloroethane
Concen: 52.197 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074587.D
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Tgt Ion: 64 Resp: 37466
Ion Ratio Lower Upper
64 100
66 36.4 25.8 38.8

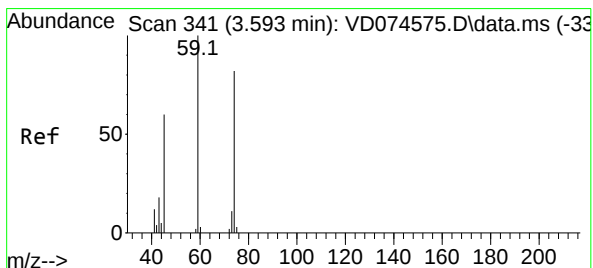
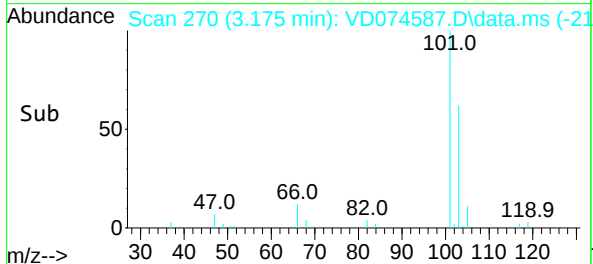
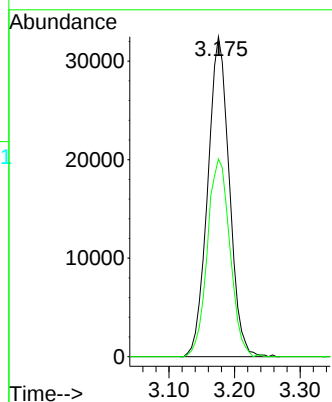
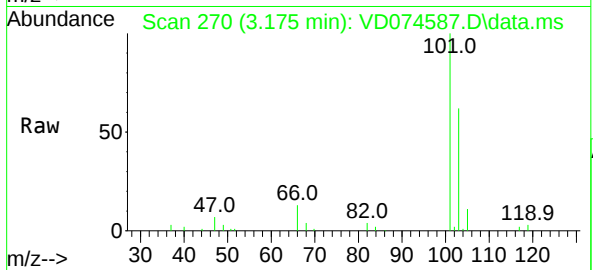




#7
 Trichlorofluoromethane
 Concen: 50.200 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

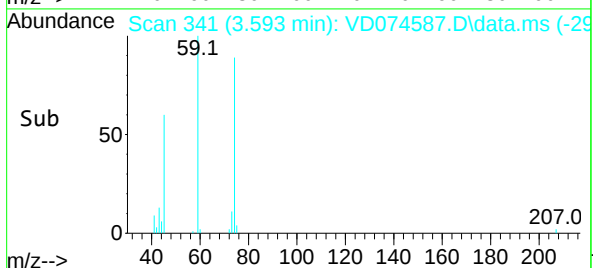
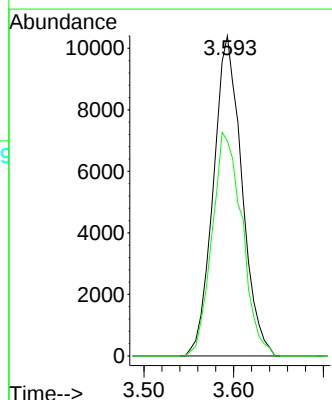
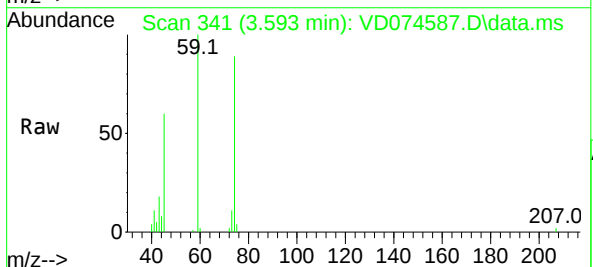
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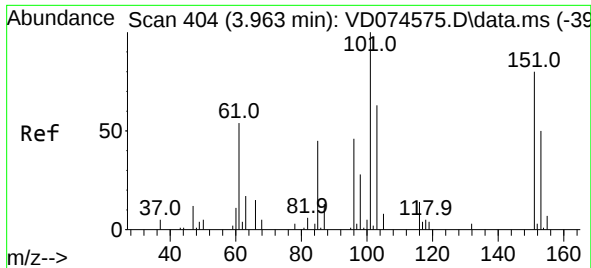
Tgt Ion:101 Resp: 74286
 Ion Ratio Lower Upper
 101 100
 103 61.8 49.8 74.8



#8
 Diethyl Ether
 Concen: 53.433 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD074587.D
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Tgt Ion: 74 Resp: 22899
 Ion Ratio Lower Upper
 74 100
 45 73.6 37.9 113.6

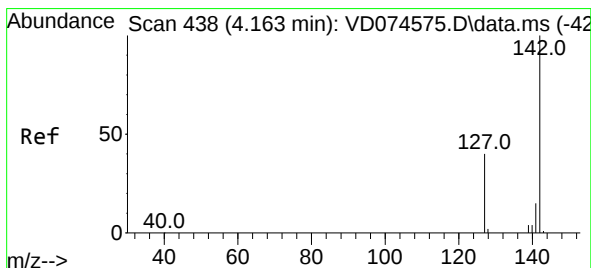
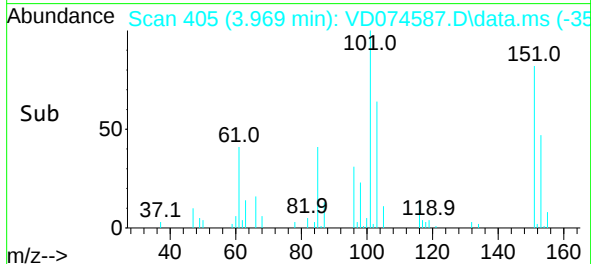
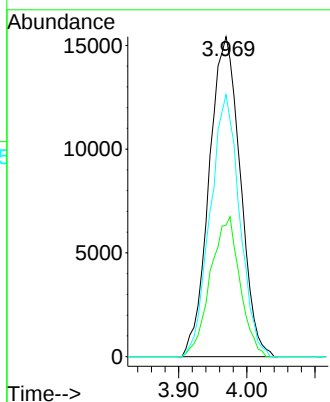
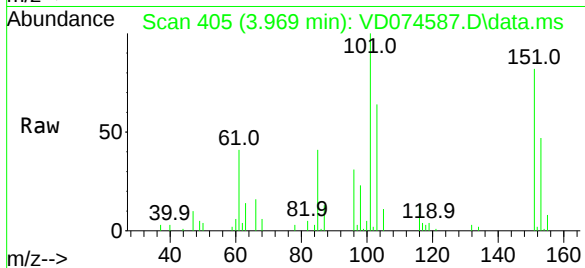




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.298 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

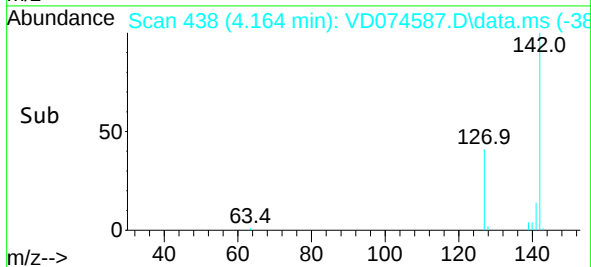
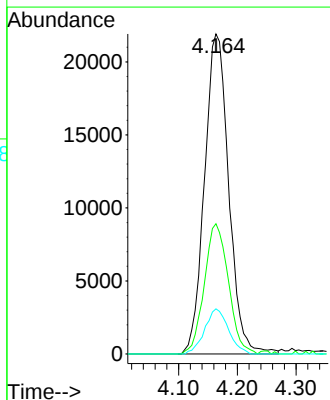
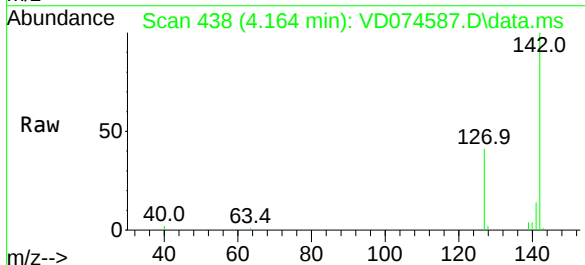
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

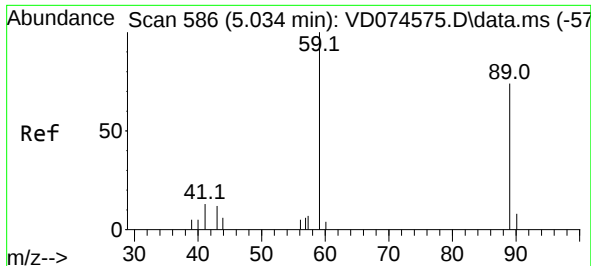
Tgt Ion:101 Resp: 48954
Ion Ratio Lower Upper
101 100
85 41.4 34.1 51.1
151 77.5 61.7 92.5



#10
Methyl Iodide
Concen: 50.531 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:142 Resp: 62839
Ion Ratio Lower Upper
142 100
127 40.4 31.9 47.9
141 13.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 313.802 ug/l

RT: 5.058 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

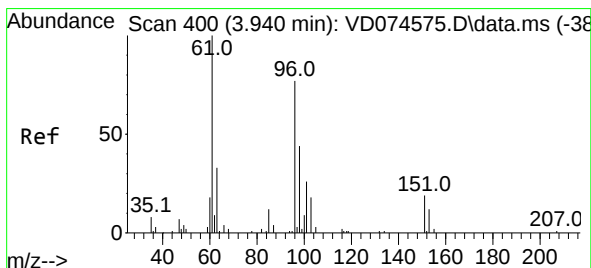
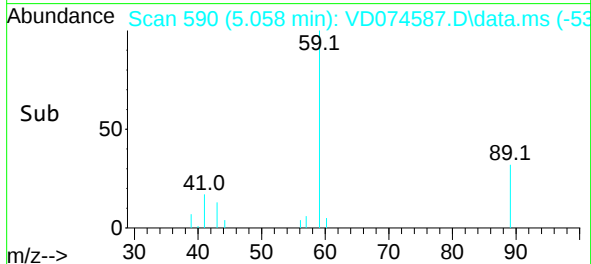
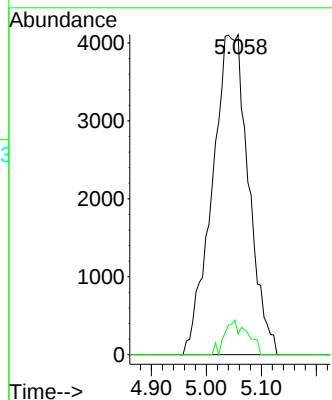
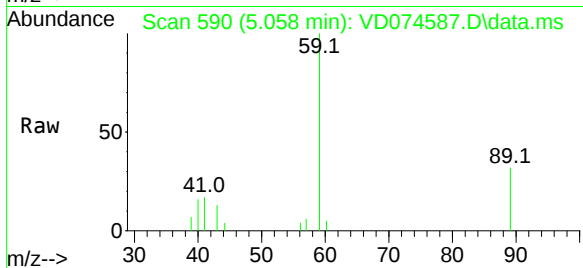
VSTDCCC050EC

Tgt Ion: 59 Resp: 18818

Ion Ratio Lower Upper

59 100

57 6.8 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 51.762 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

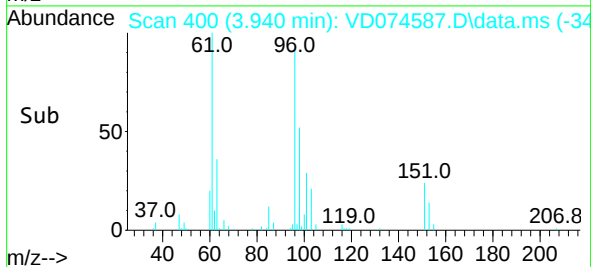
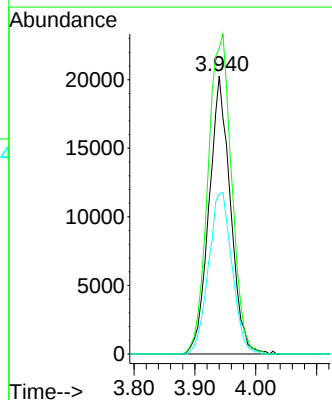
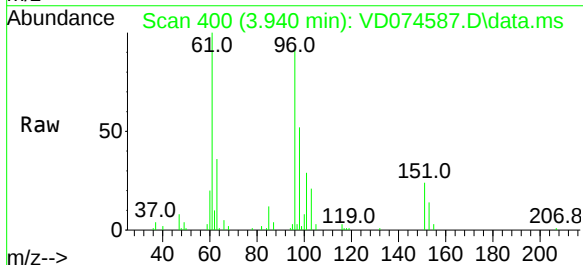
Tgt Ion: 96 Resp: 49407

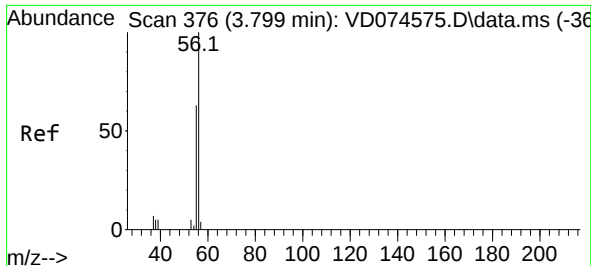
Ion Ratio Lower Upper

96 100

61 110.1 113.9 170.9#

98 57.5 51.8 77.8





#13

Acrolein

Concen: 236.884 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

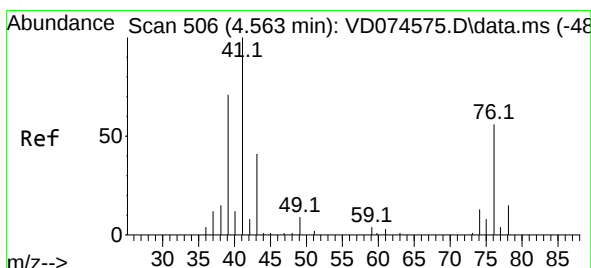
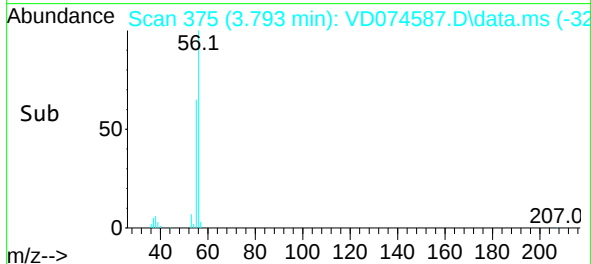
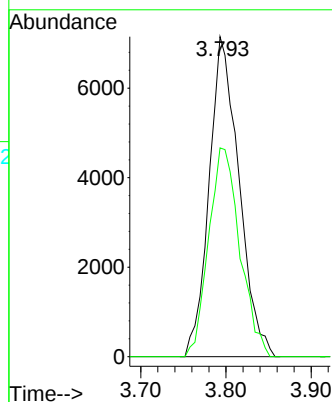
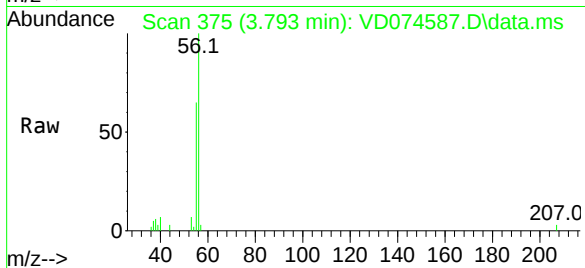
VSTDCCC050EC

Tgt Ion: 56 Resp: 17403

Ion Ratio Lower Upper

56 100

55 68.2 54.0 81.0



#14

Allyl chloride

Concen: 49.427 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.012 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

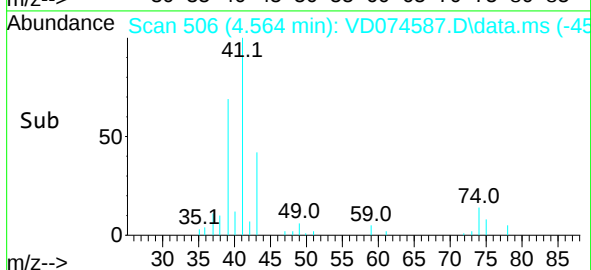
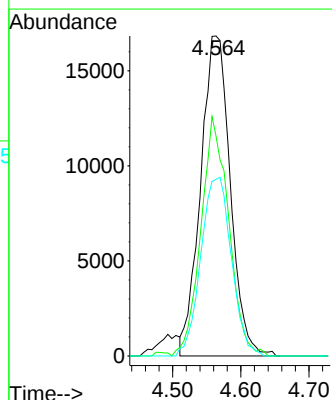
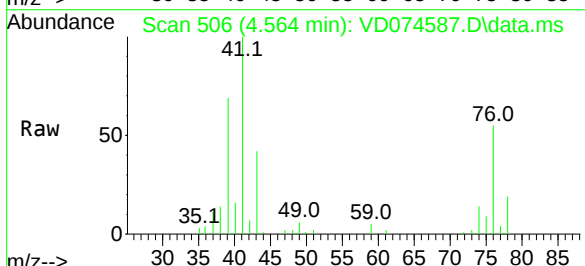
Tgt Ion: 41 Resp: 50948

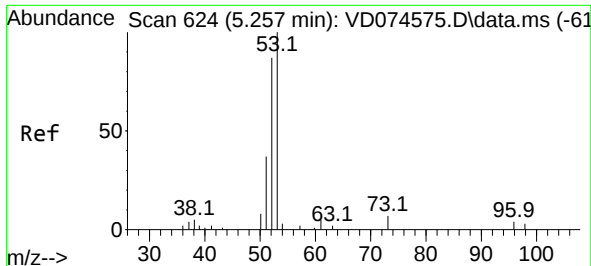
Ion Ratio Lower Upper

41 100

39 70.0 53.4 80.2

76 57.4 42.4 63.6

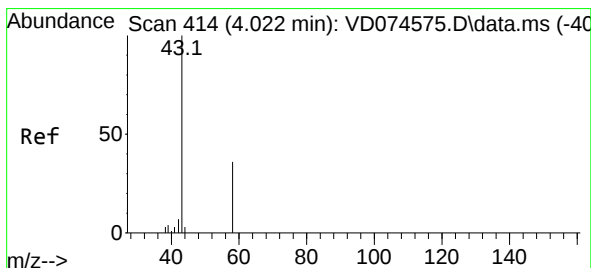
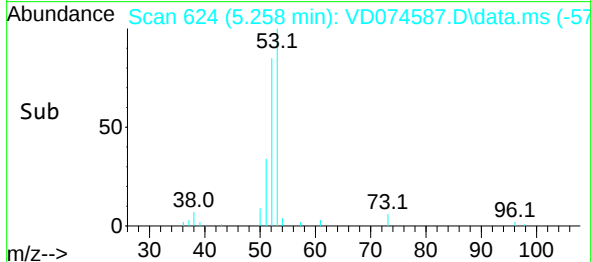
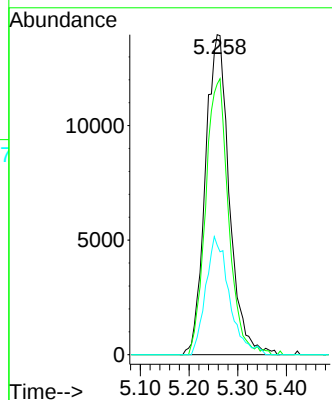
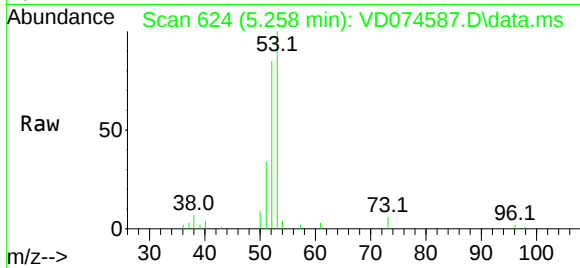




#15
Acrylonitrile
Concen: 272.141 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

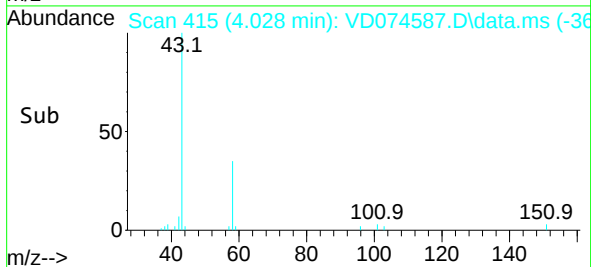
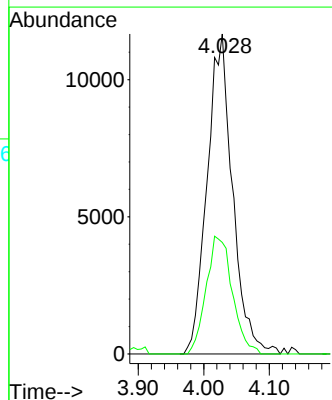
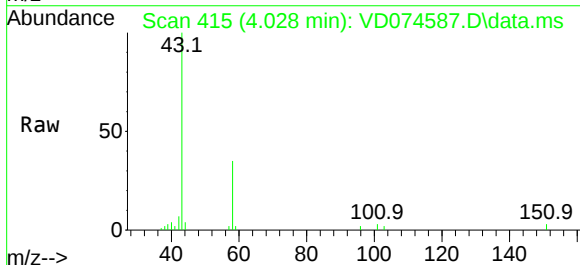
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

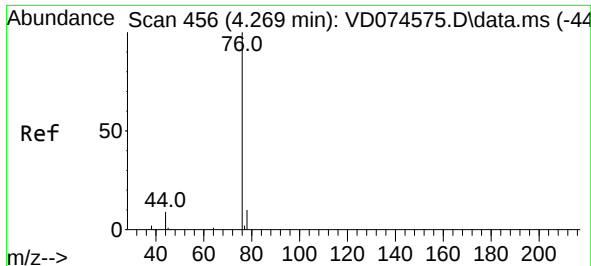
Tgt Ion: 53 Resp: 47665
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.3 28.3 42.5



#16
Acetone
Concen: 209.908 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 43 Resp: 31442
Ion Ratio Lower Upper
43 100
58 34.8 30.2 45.2

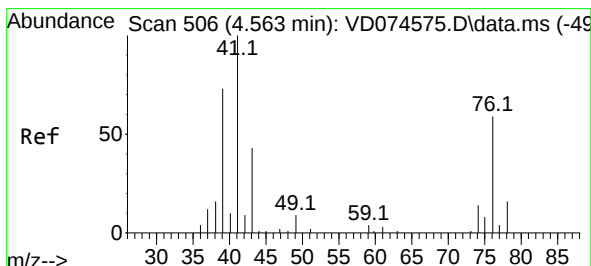
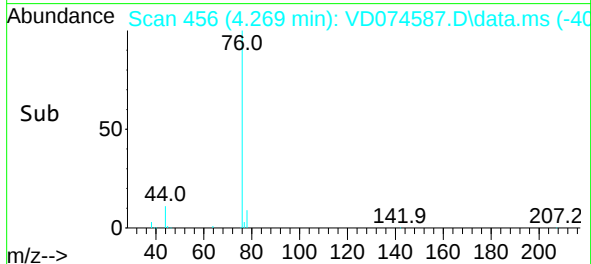
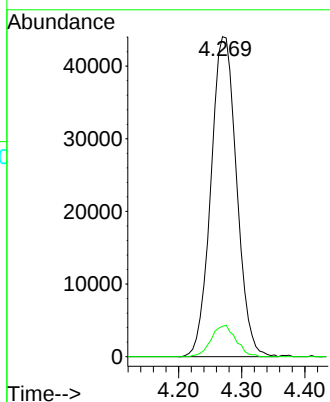
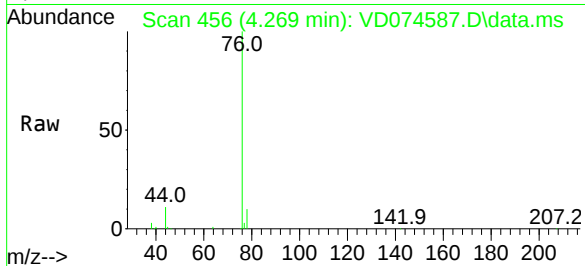




#17
Carbon Disulfide
Concen: 47.746 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

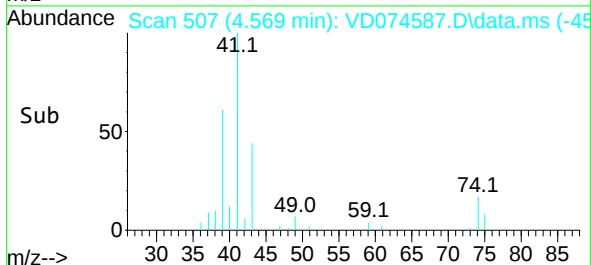
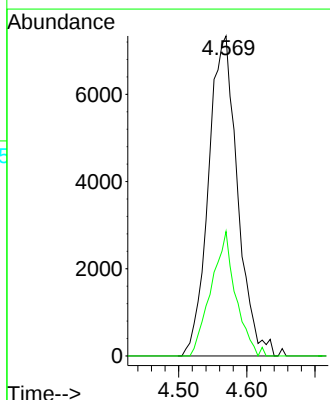
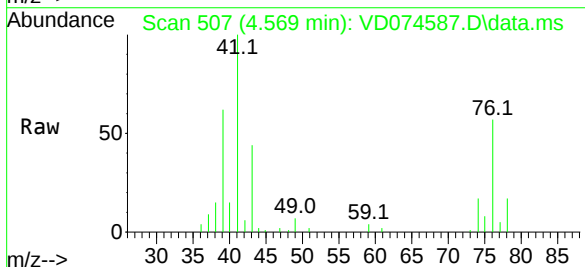
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

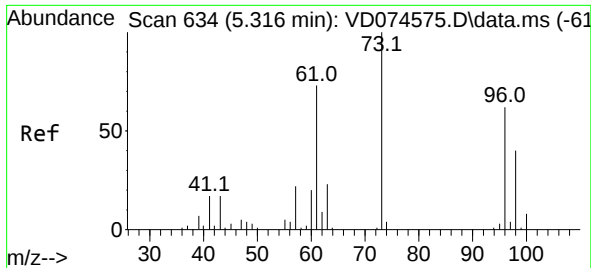
Tgt Ion: 76 Resp: 124706
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8



#18
Methyl Acetate
Concen: 54.128 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.011 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 43 Resp: 21756
Ion Ratio Lower Upper
43 100
74 32.9 24.7 37.1

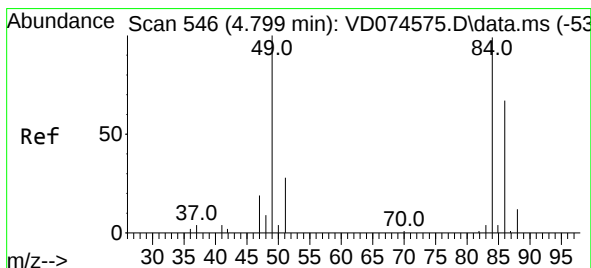
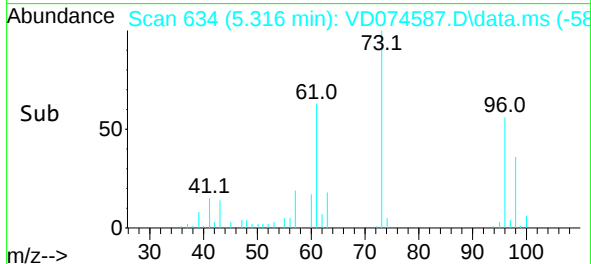
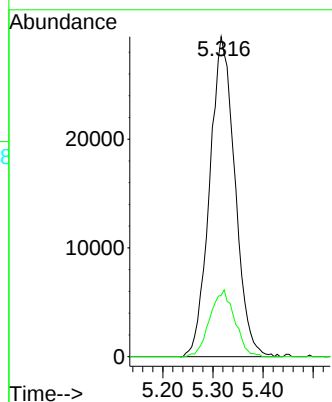
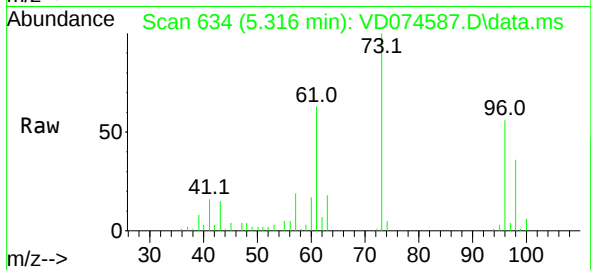




#19
Methyl tert-butyl Ether
Concen: 55.378 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

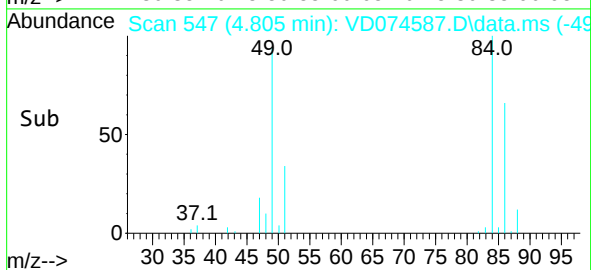
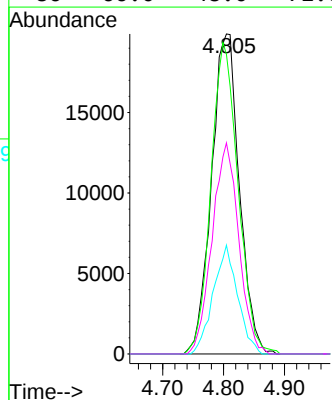
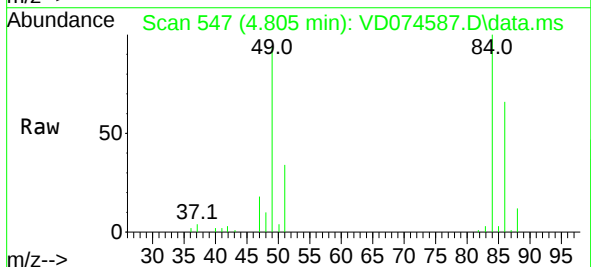
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

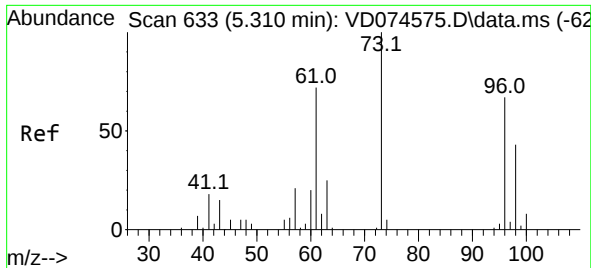
Tgt Ion: 73 Resp: 103290
Ion Ratio Lower Upper
73 100
57 19.2 16.1 24.1



#20
Methylene Chloride
Concen: 55.956 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 84 Resp: 63014
Ion Ratio Lower Upper
84 100
49 93.6 68.0 102.0
51 34.0 23.2 34.8
86 66.0 48.0 72.0

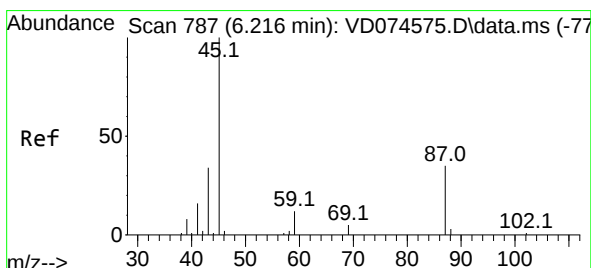
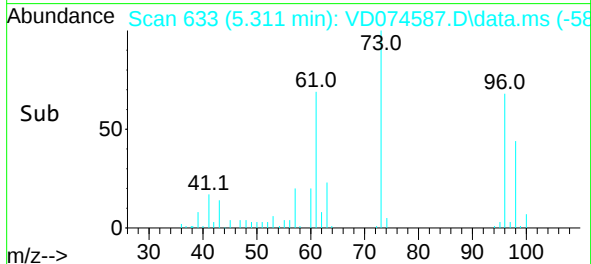
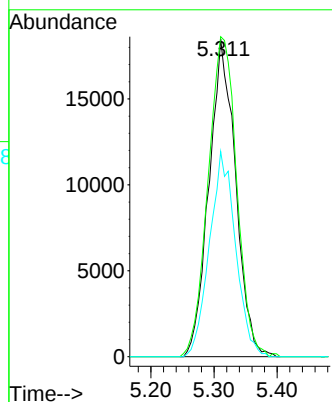
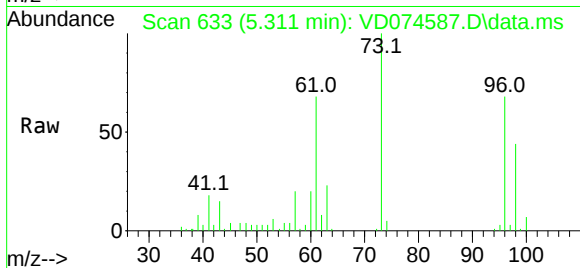




#21
trans-1,2-Dichloroethene
Concen: 50.670 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

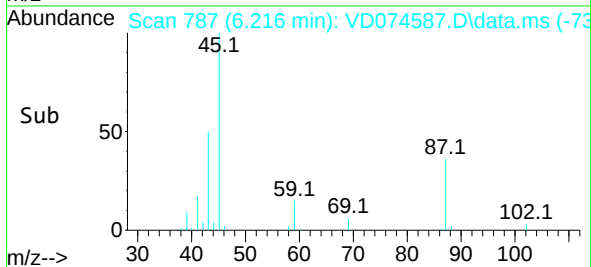
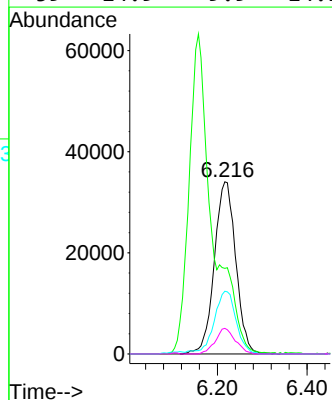
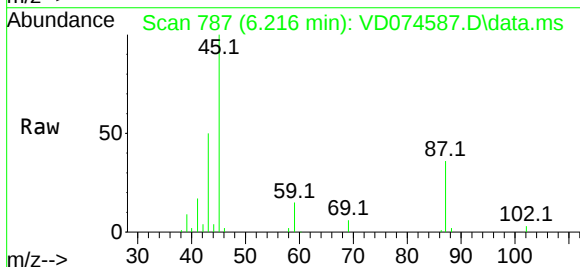
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

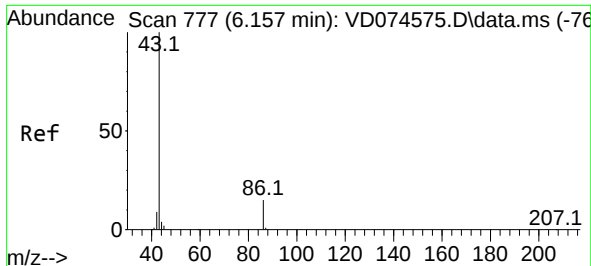
Tgt Ion: 96 Resp: 53915
Ion Ratio Lower Upper
96 100
61 100.7 95.7 143.5
98 64.6 54.8 82.2



#22
Diisopropyl ether
Concen: 54.390 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 45 Resp: 113133
Ion Ratio Lower Upper
45 100
43 48.8 37.8 56.6
87 36.4 26.6 40.0
59 14.9 9.9 14.9

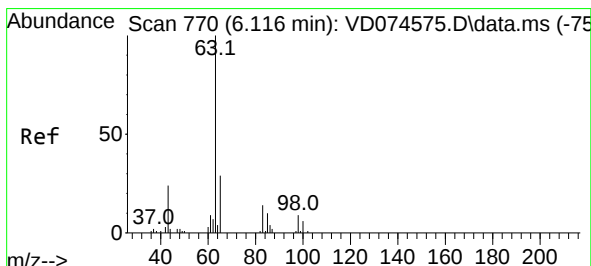
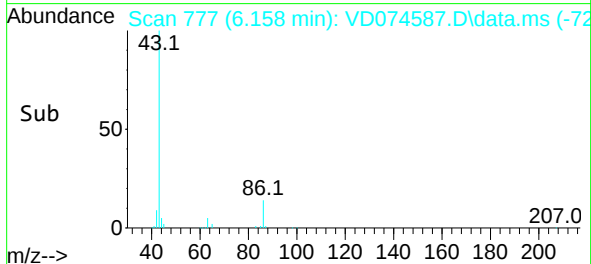
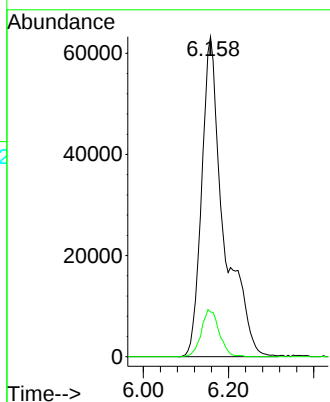
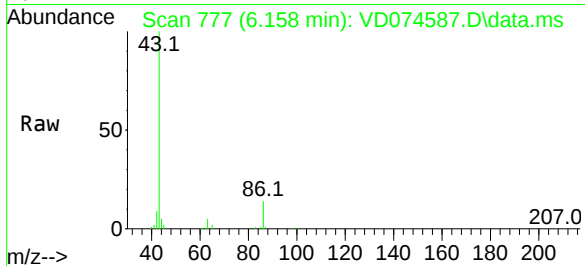




#23
 Vinyl Acetate
 Concen: 251.069 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

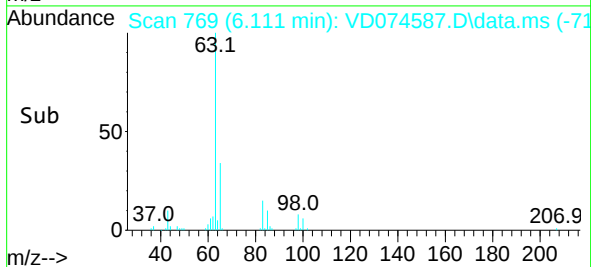
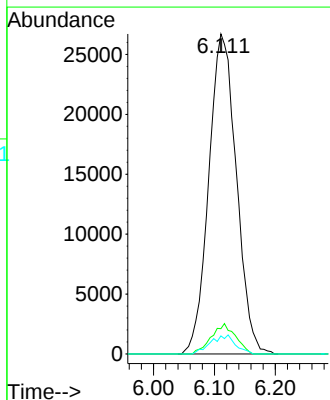
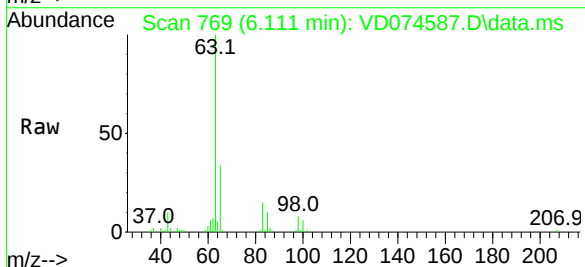
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

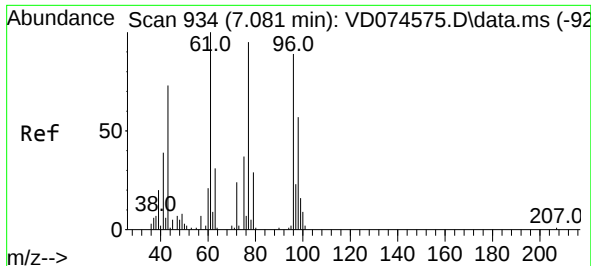
Tgt Ion: 43 Resp: 228367
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 52.149 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

Tgt Ion: 63 Resp: 84187
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.6 13.8
 100 5.7 2.9 8.6

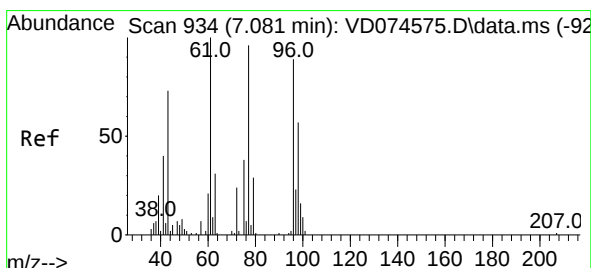
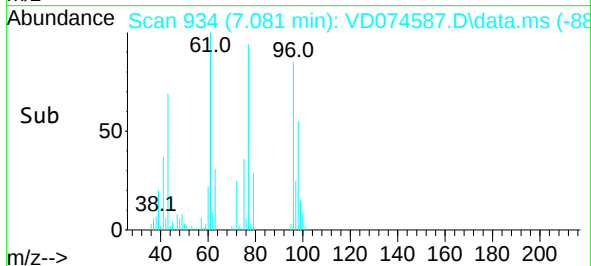
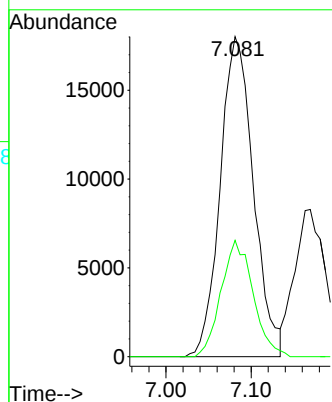
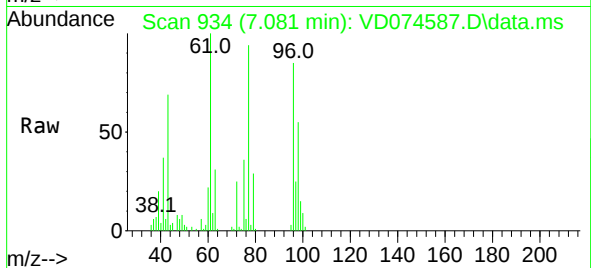




#25
2-Butanone
Concen: 243.515 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

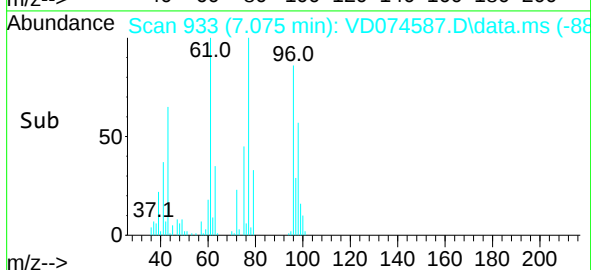
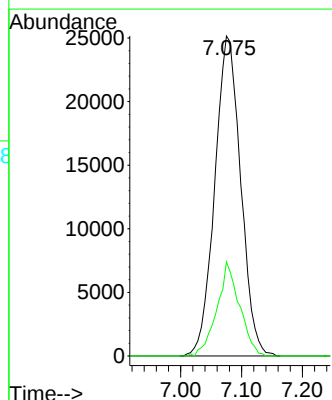
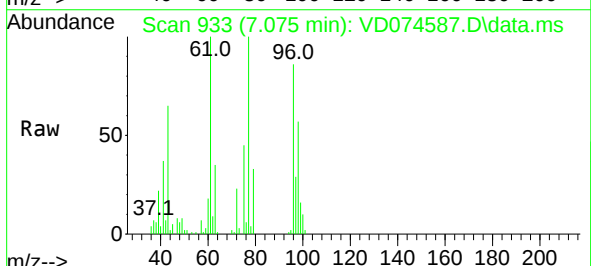
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

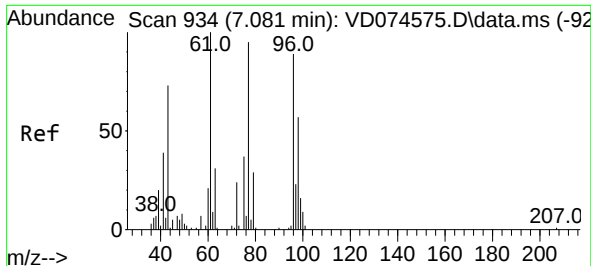
Tgt Ion: 43 Resp: 48776
Ion Ratio Lower Upper
43 100
72 36.3 25.8 38.8



#26
2,2-Dichloropropane
Concen: 48.198 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 77 Resp: 74368
Ion Ratio Lower Upper
77 100
97 25.6 12.5 37.5



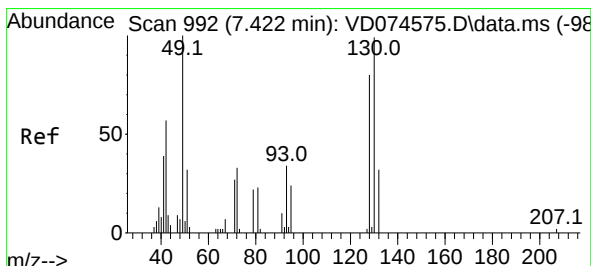
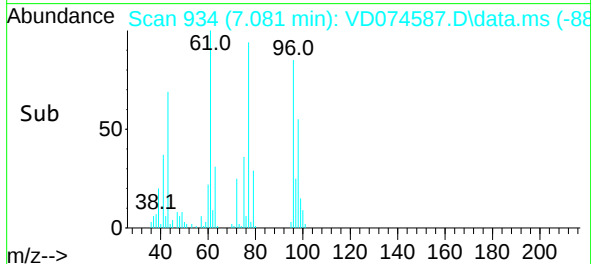
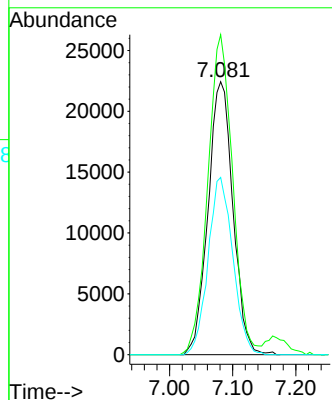
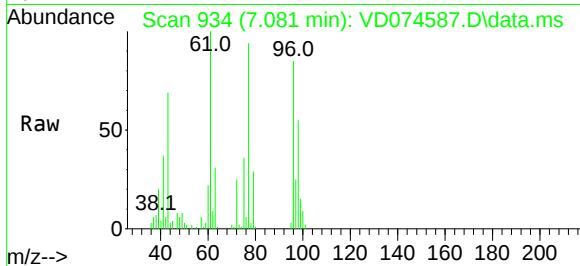


#27
 cis-1,2-Dichloroethene
 Concen: 52.146 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 61541

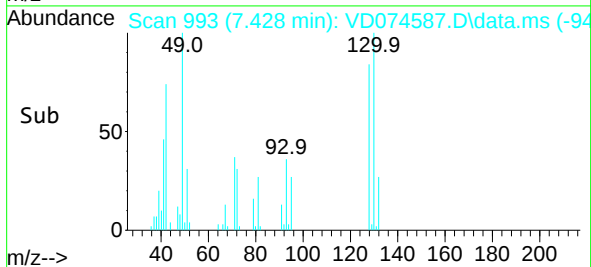
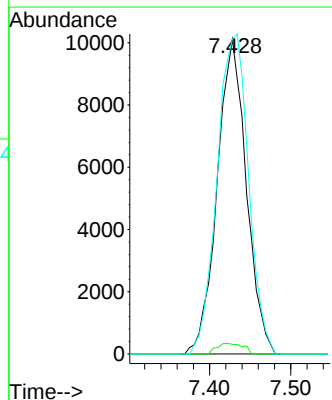
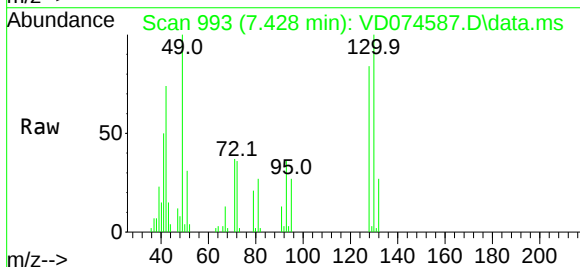
Ion	Ratio	Lower	Upper
96	100		
61	117.1	0.0	242.4
98	64.4	0.0	130.0

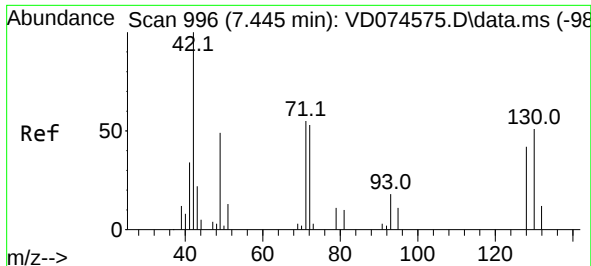


#28
 Bromochloromethane
 Concen: 57.595 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

Tgt Ion: 49 Resp: 25246

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	109.4	84.1	126.1





#29

Tetrahydrofuran

Concen: 275.943 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074587.D

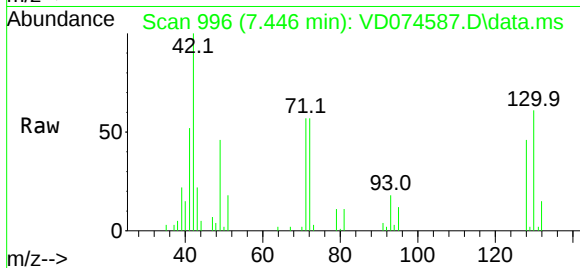
Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



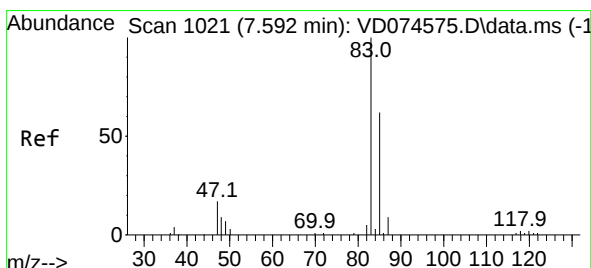
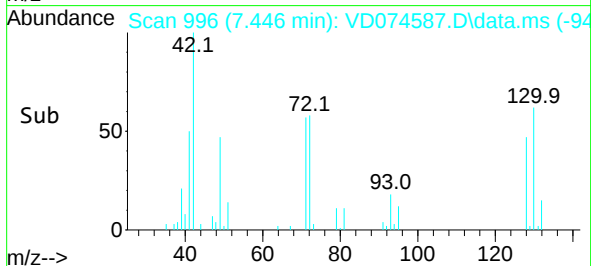
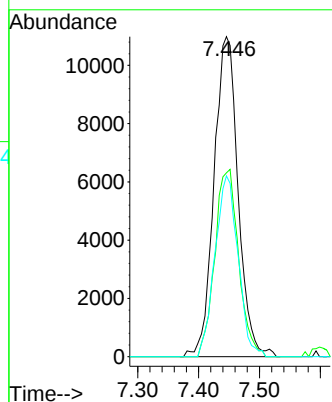
Tgt Ion: 42 Resp: 30146

Ion Ratio Lower Upper

42 100

72 57.8 45.8 68.6

71 54.3 44.6 66.8



#30

Chloroform

Concen: 52.463 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD074587.D

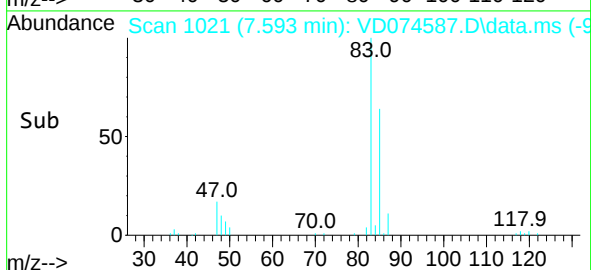
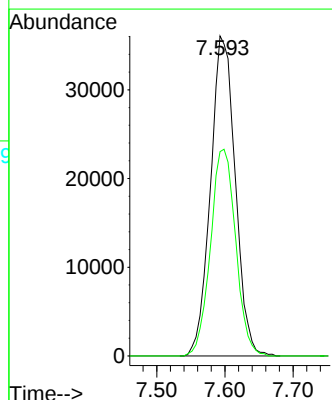
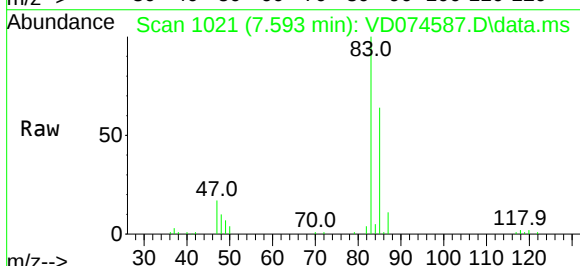
Acq: 19 Oct 2022 19:02

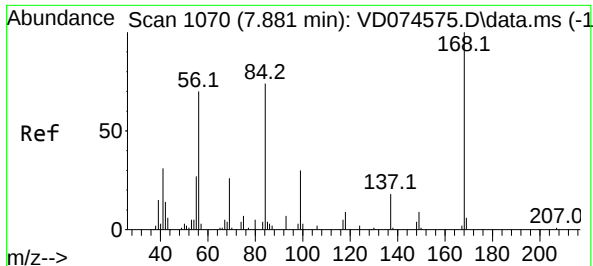
Tgt Ion: 83 Resp: 91133

Ion Ratio Lower Upper

83 100

85 63.8 52.0 78.0

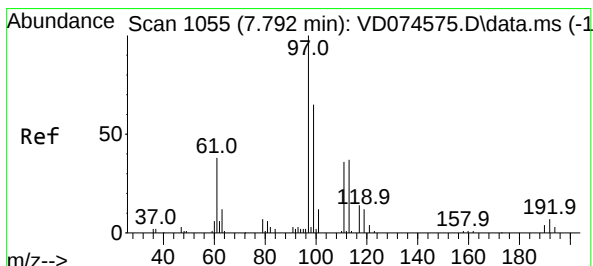
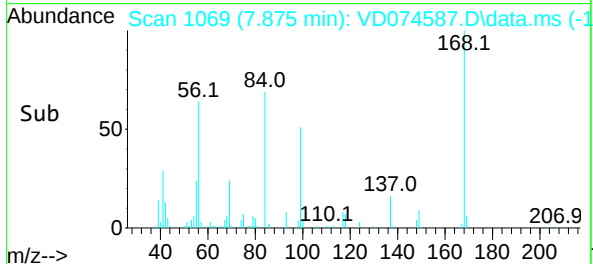
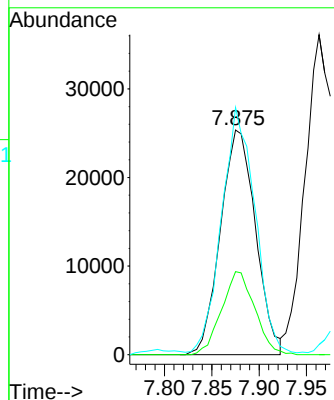
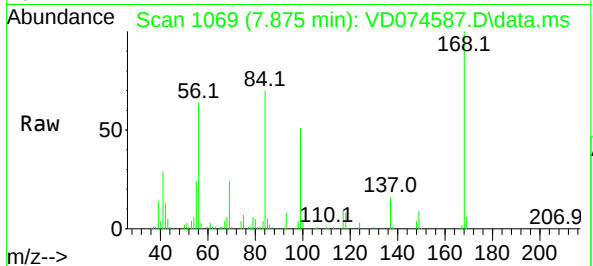




#31
Cyclohexane
Concen: 47.430 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

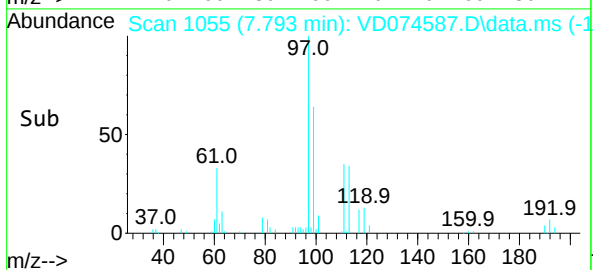
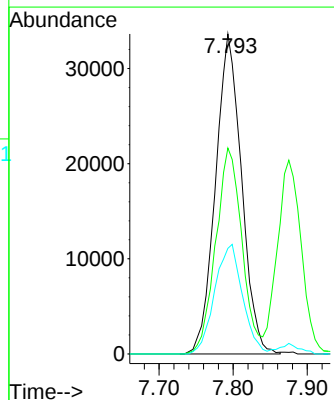
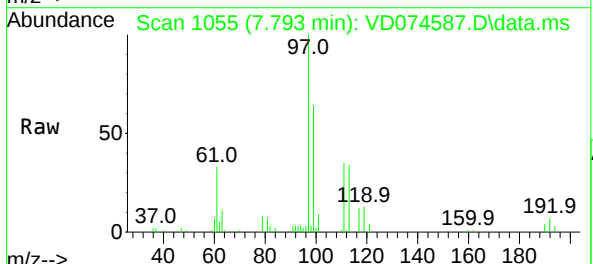
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

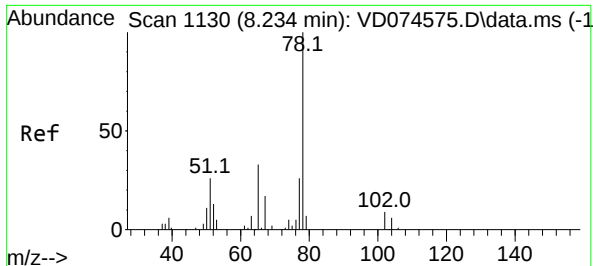
Tgt Ion: 56 Resp: 65354
Ion Ratio Lower Upper
56 100
69 37.0 29.2 43.8
84 108.5 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 51.514 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 97 Resp: 82060
Ion Ratio Lower Upper
97 100
99 65.1 53.3 79.9
61 36.6 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 48.012 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

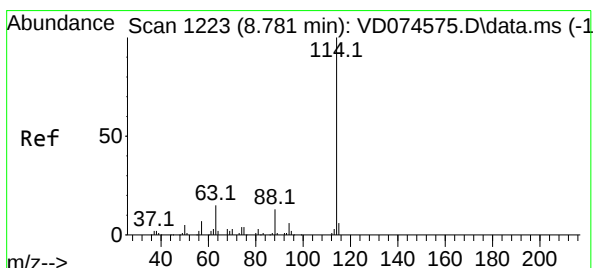
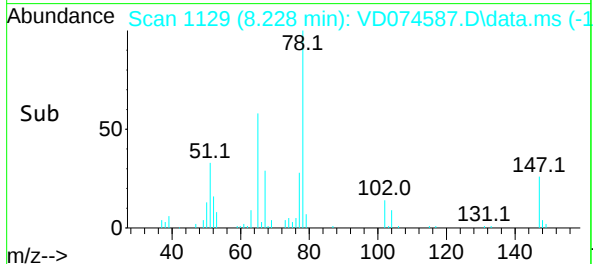
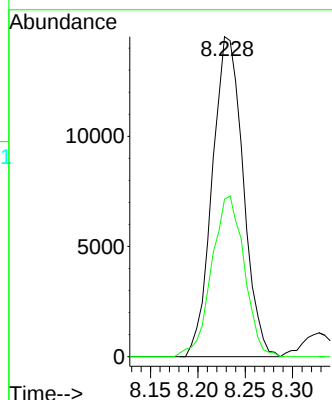
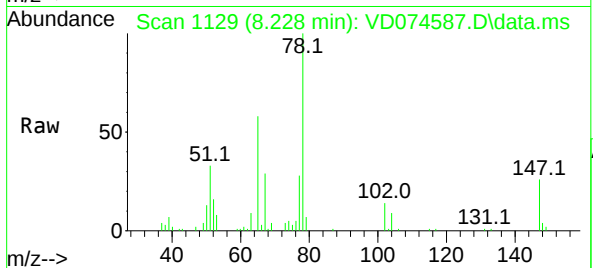
VSTDCCC050EC

Tgt Ion: 65 Resp: 32934

Ion Ratio Lower Upper

65 100

67 52.8 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: VD074587.D

Acq: 19 Oct 2022 19:02

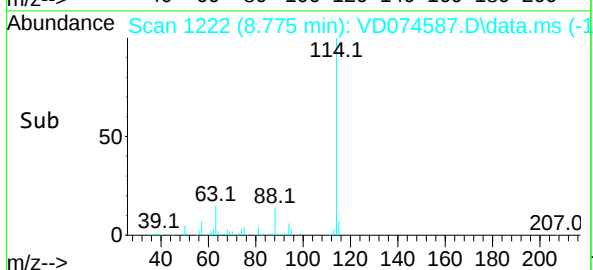
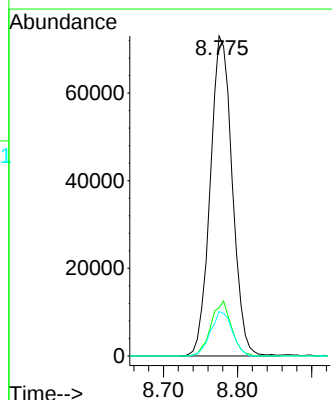
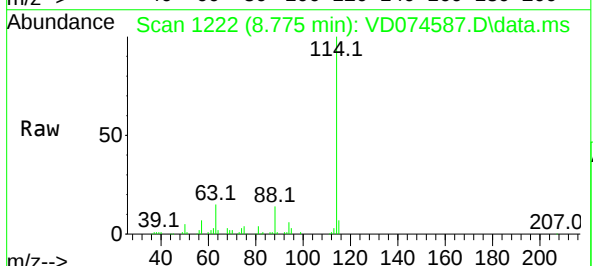
Tgt Ion: 114 Resp: 150588

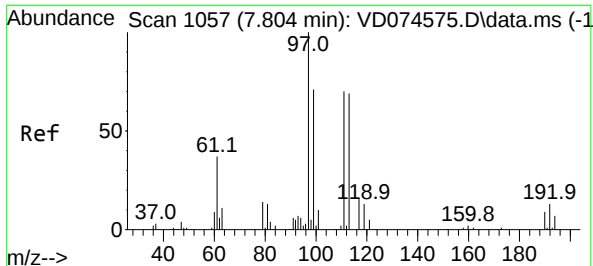
Ion Ratio Lower Upper

114 100

63 15.0 0.0 33.2

88 13.9 0.0 28.2

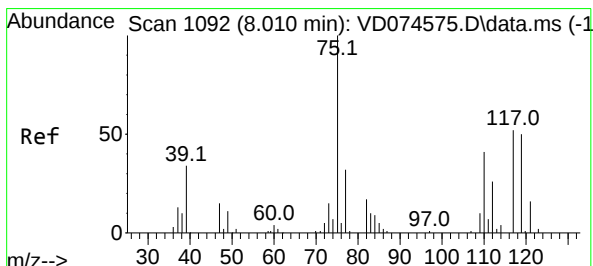
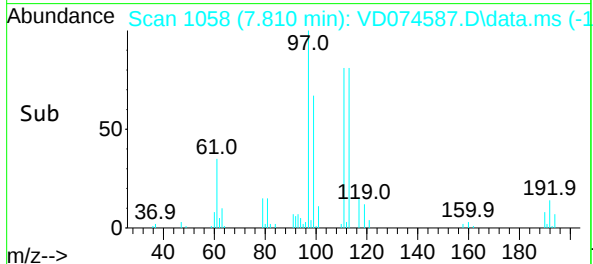
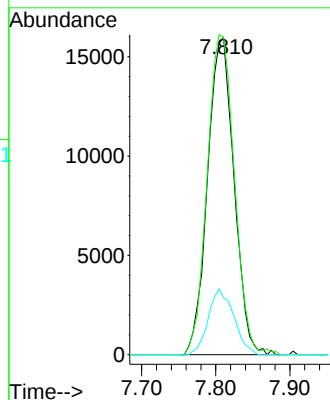
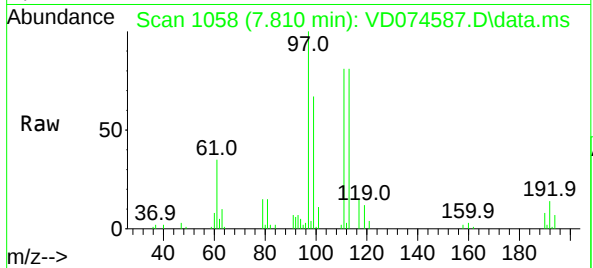




#35
Dibromofluoromethane
Concen: 47.498 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

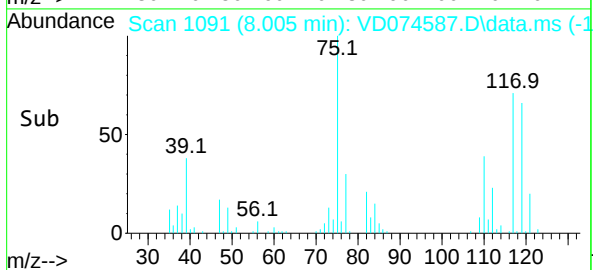
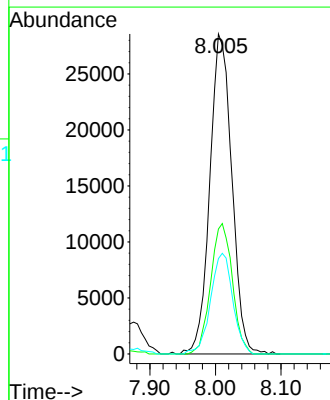
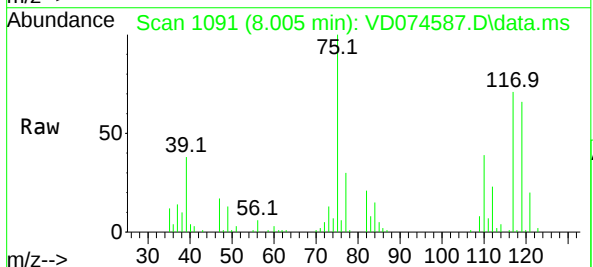
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

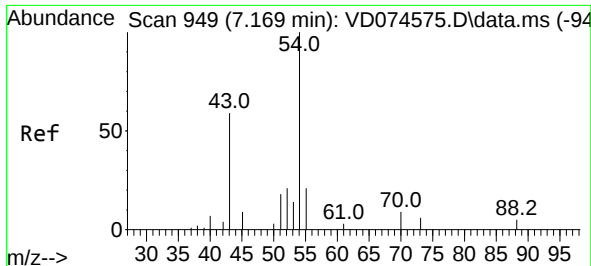
Tgt Ion:113 Resp: 39674
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 20.0 16.4 24.6



#36
1,1-Dichloropropene
Concen: 49.186 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.001 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 75 Resp: 66539
Ion Ratio Lower Upper
75 100
110 40.2 19.7 59.0
77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 49.307 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

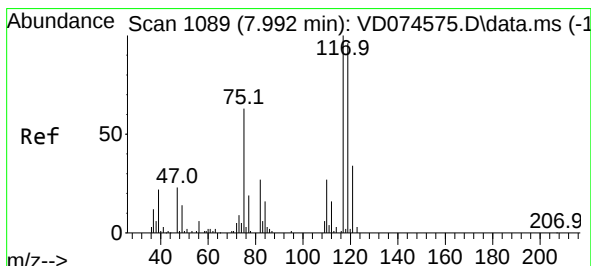
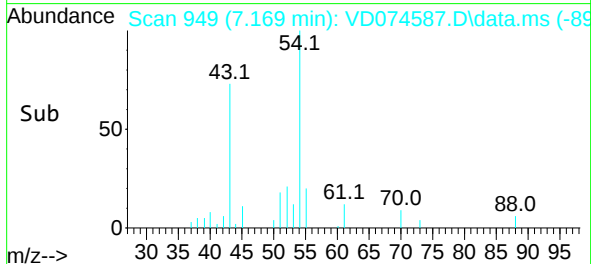
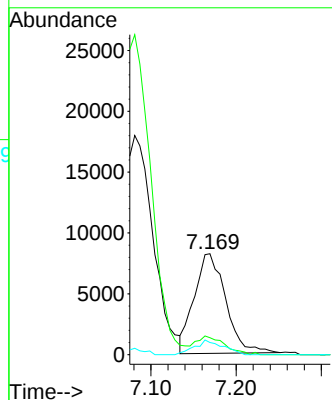
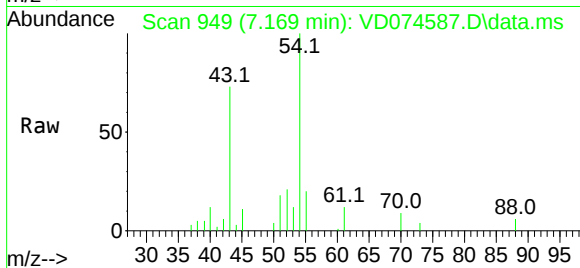
Tgt Ion: 43 Resp: 21045

Ion Ratio Lower Upper

43 100

61 16.7 12.2 18.4

70 13.1 9.6 14.4



#38

Carbon Tetrachloride

Concen: 50.021 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

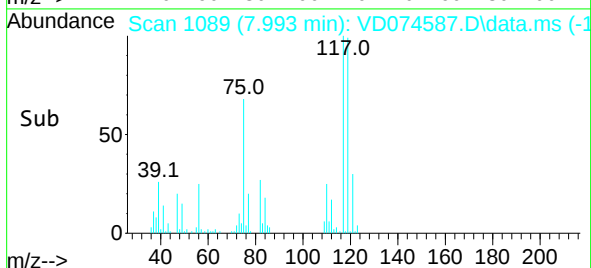
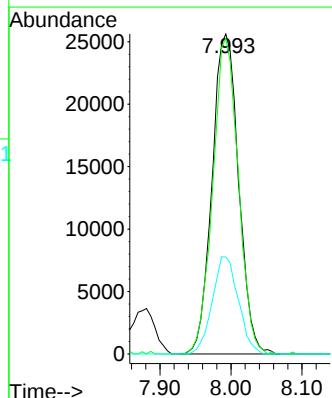
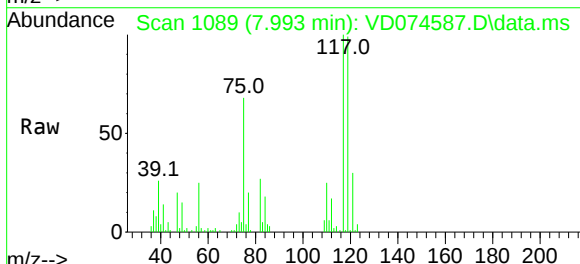
Tgt Ion: 117 Resp: 66262

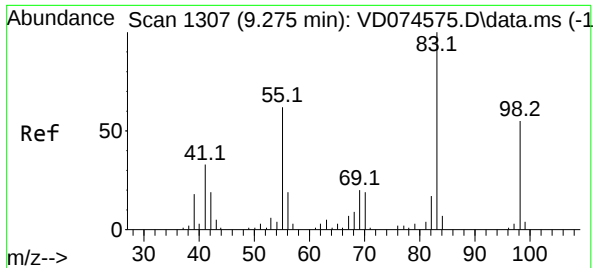
Ion Ratio Lower Upper

117 100

119 98.6 73.1 109.7

121 30.3 25.0 37.6





#39

Methylcyclohexane

Concen: 46.777 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

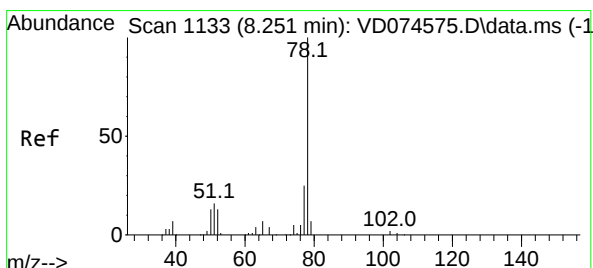
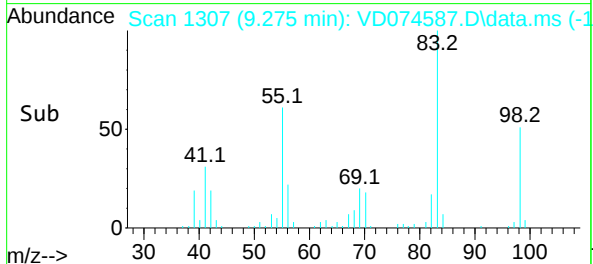
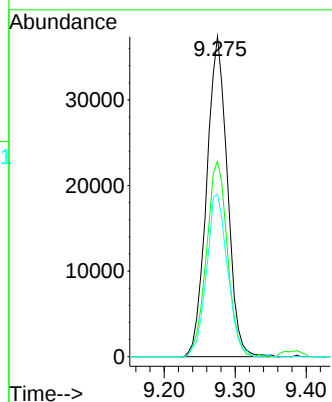
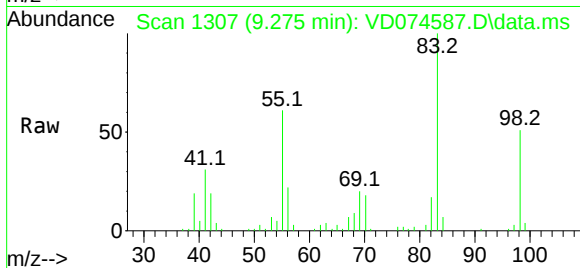
Tgt Ion: 83 Resp: 75608

Ion Ratio Lower Upper

83 100

55 61.1 49.0 73.4

98 50.8 41.7 62.5



#40

Benzene

Concen: 50.961 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074587.D

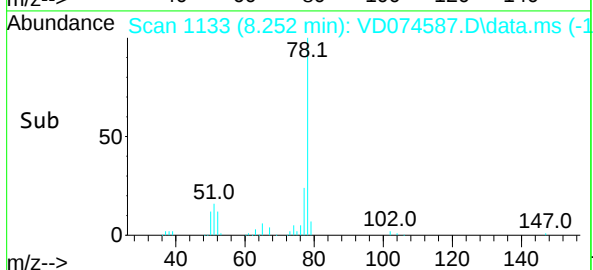
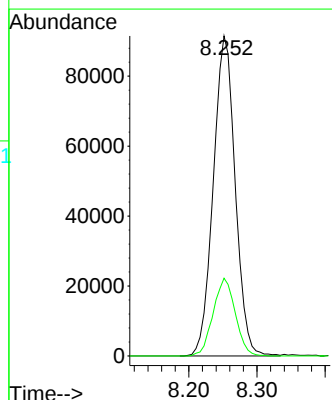
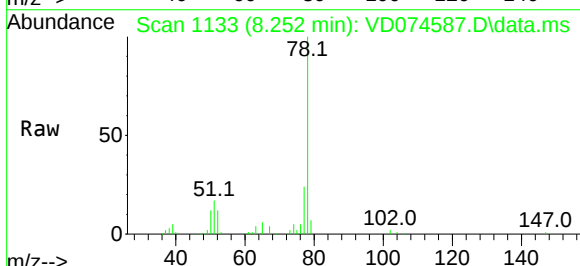
Acq: 19 Oct 2022 19:02

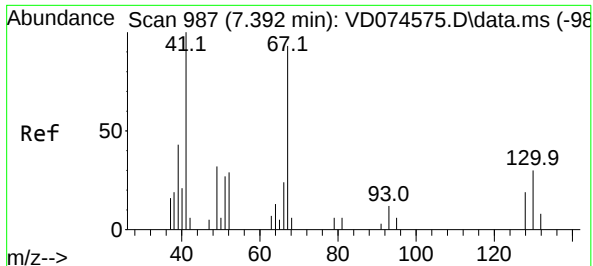
Tgt Ion: 78 Resp: 204603

Ion Ratio Lower Upper

78 100

77 24.3 20.1 30.1

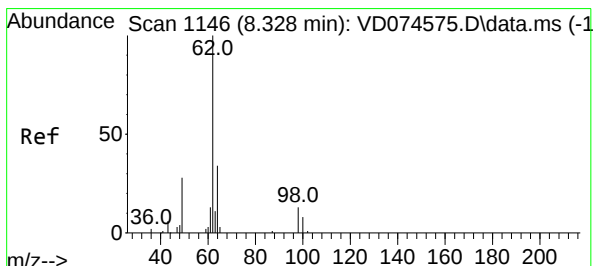
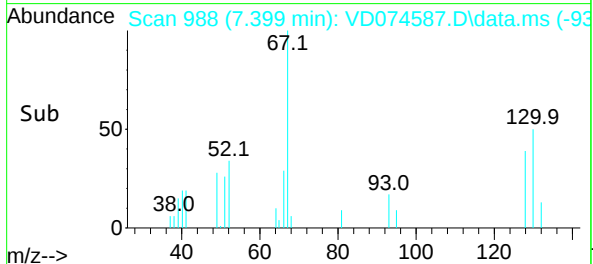
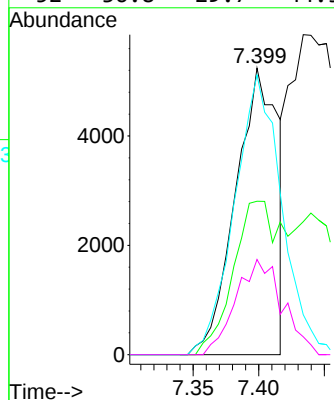
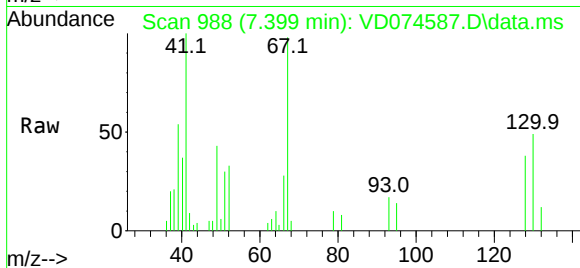




#41
Methacrylonitrile
Concen: 50.925 ug/l
RT: 7.399 min Scan# 987
Delta R.T. -0.005 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

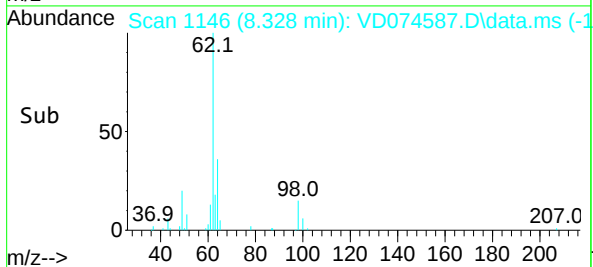
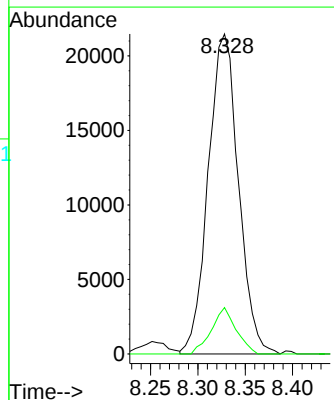
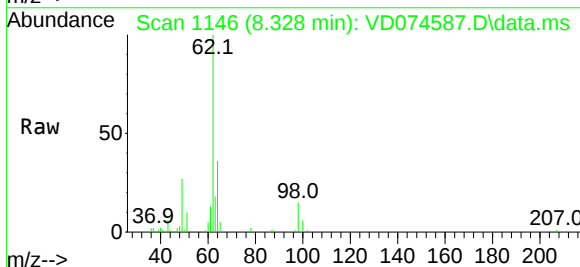
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

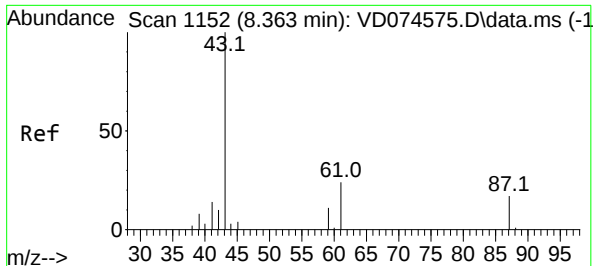
Tgt Ion: 41 Resp: 11711
Ion Ratio Lower Upper
41 100
39 62.7 35.0 52.6#
67 109.0 77.0 115.6
52 36.8 29.7 44.5



#42
1,2-Dichloroethane
Concen: 51.475 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 62 Resp: 47691
Ion Ratio Lower Upper
62 100
98 11.9 0.0 24.2

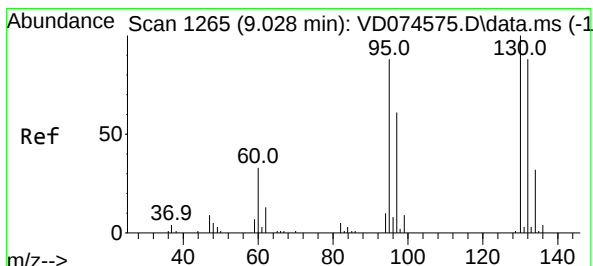
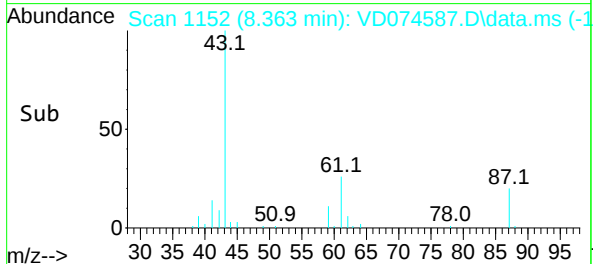
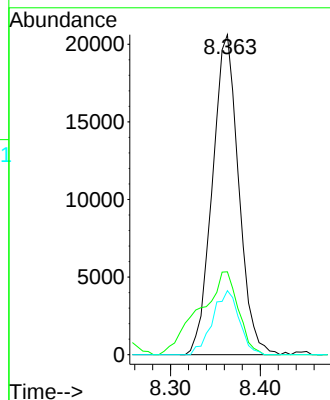
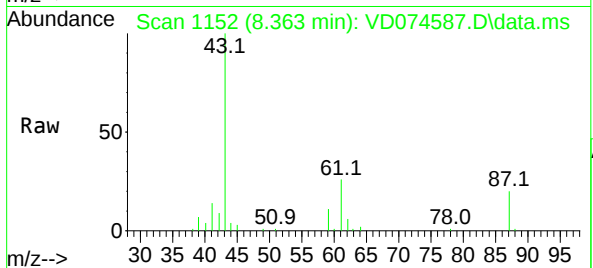




#43
Isopropyl Acetate
Concen: 52.820 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

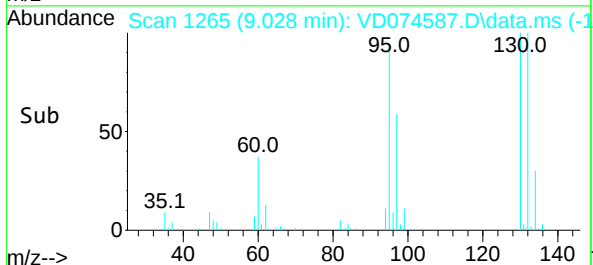
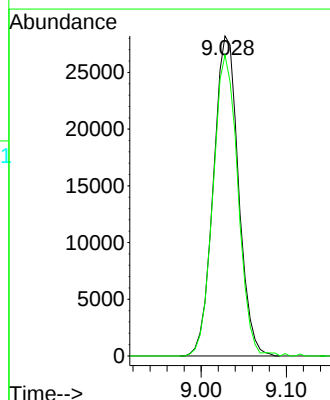
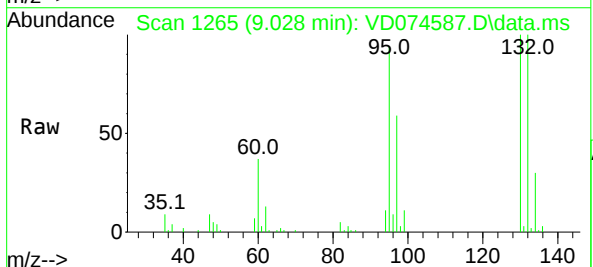
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

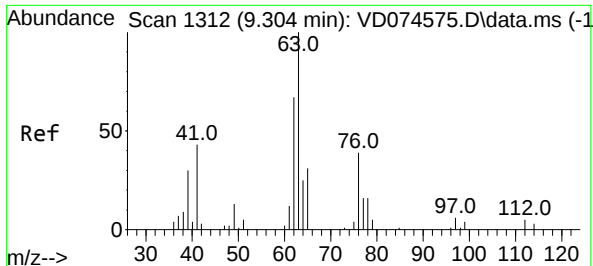
Tgt Ion: 43 Resp: 41898
Ion Ratio Lower Upper
43 100
61 38.1 30.9 46.3
87 20.2 14.3 21.5



#44
Trichloroethene
Concen: 48.886 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 130 Resp: 57498
Ion Ratio Lower Upper
130 100
95 94.1 0.0 185.4





#45

1,2-Dichloropropane

Concen: 48.315 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

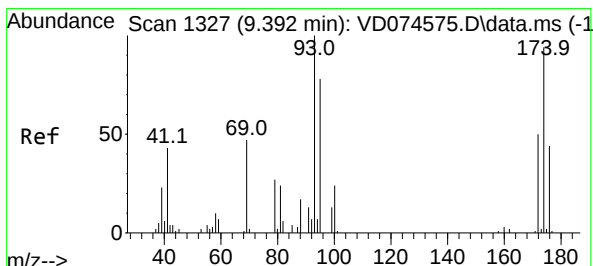
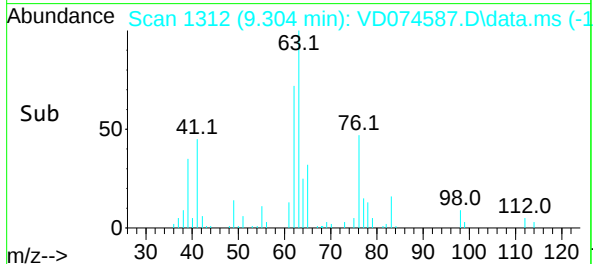
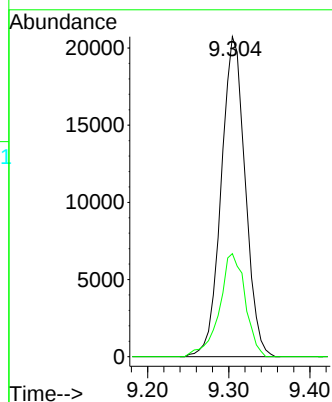
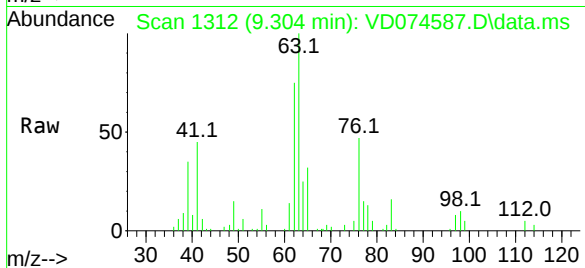
VSTDCCC050EC

Tgt Ion: 63 Resp: 42570

Ion Ratio Lower Upper

63 100

65 32.2 23.1 34.7



#46

Dibromomethane

Concen: 49.005 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

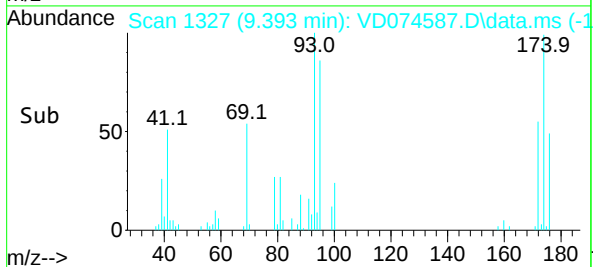
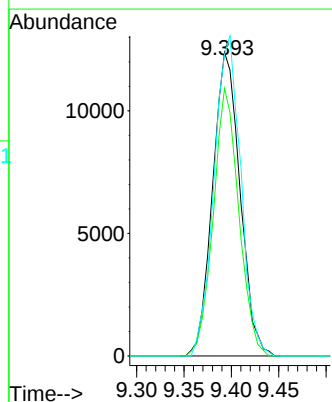
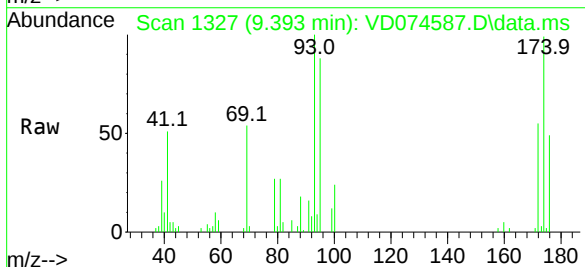
Tgt Ion: 93 Resp: 24916

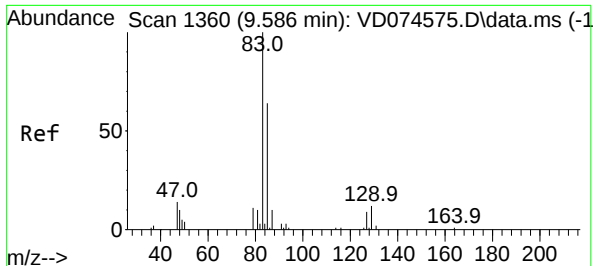
Ion Ratio Lower Upper

93 100

95 82.2 68.2 102.2

174 102.6 87.4 131.0

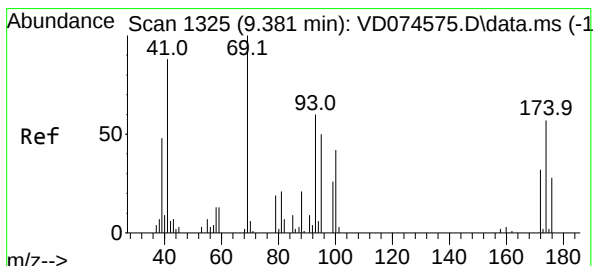
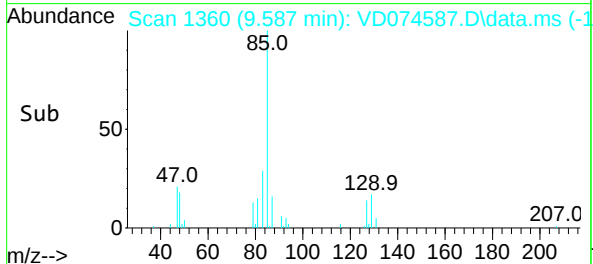
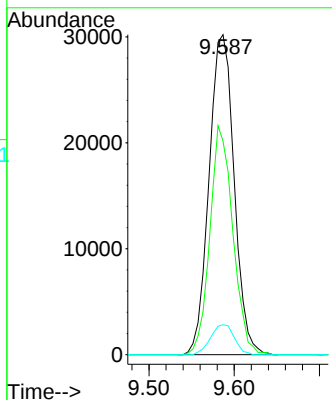
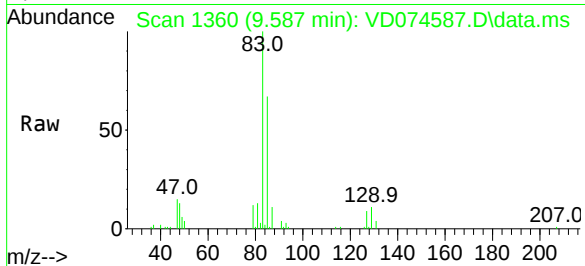




#47
Bromodichloromethane
Concen: 49.102 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

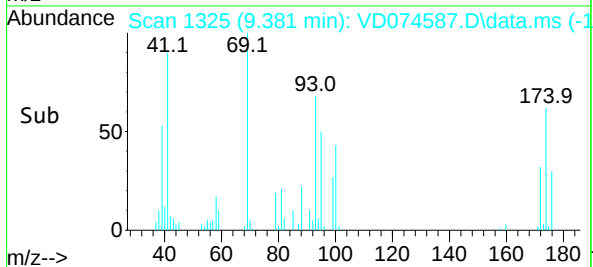
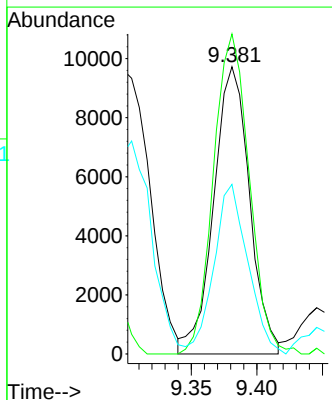
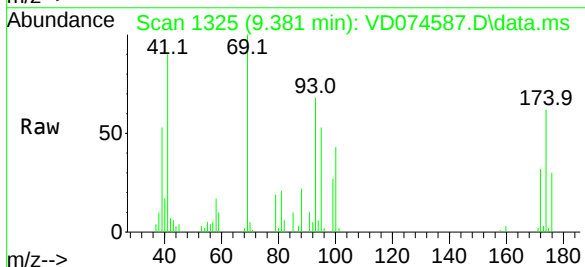
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

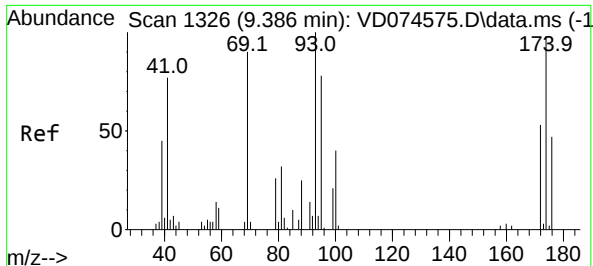
Tgt Ion: 83 Resp: 61768
Ion Ratio Lower Upper
83 100
85 66.7 48.8 73.2
127 9.4 6.7 10.1



#48
Methyl methacrylate
Concen: 50.989 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 41 Resp: 18484
Ion Ratio Lower Upper
41 100
69 111.2 93.0 139.4
39 55.7 44.6 66.8





#49

1,4-Dioxane

Concen: 1079.937 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

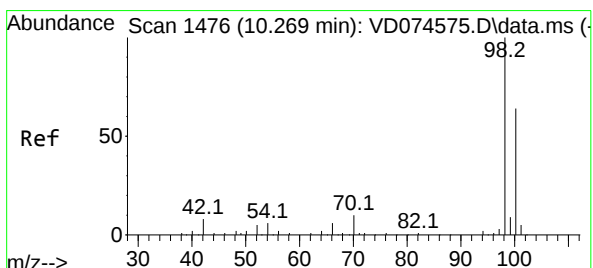
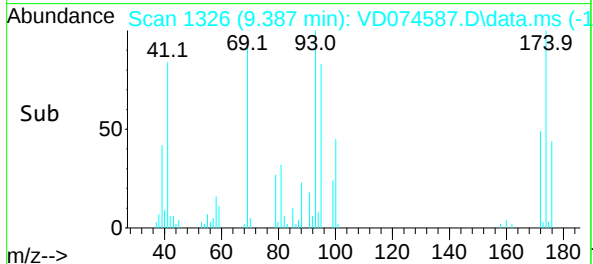
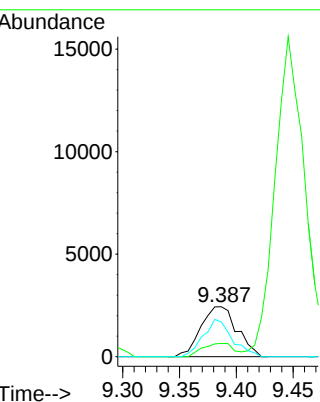
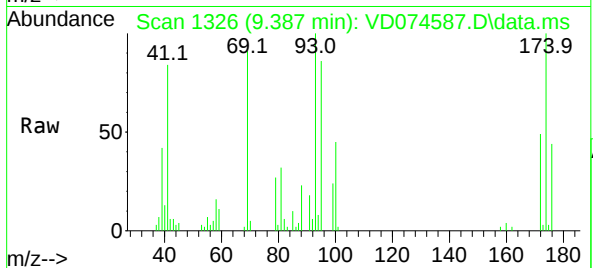
Tgt Ion: 88 Resp: 5404

Ion Ratio Lower Upper

88 100

43 23.3 24.1 36.1#

58 59.4 43.1 64.7



#50

Toluene-d8

Concen: 45.434 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074587.D

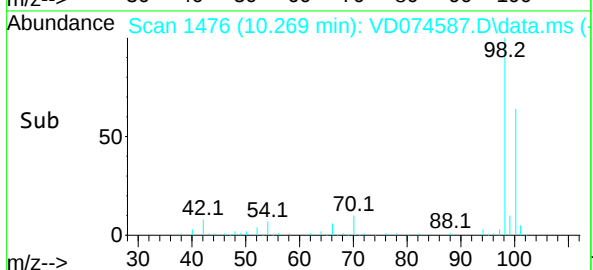
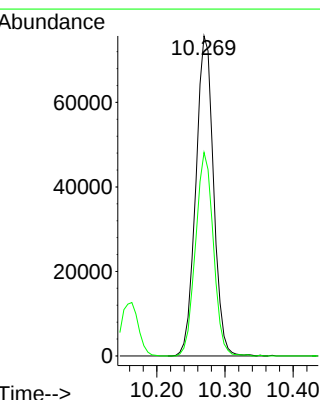
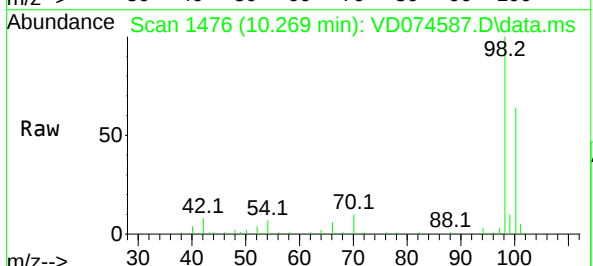
Acq: 19 Oct 2022 19:02

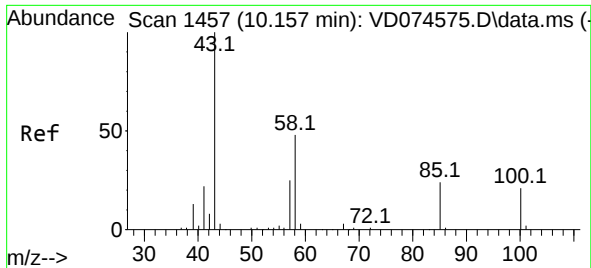
Tgt Ion: 98 Resp: 136941

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

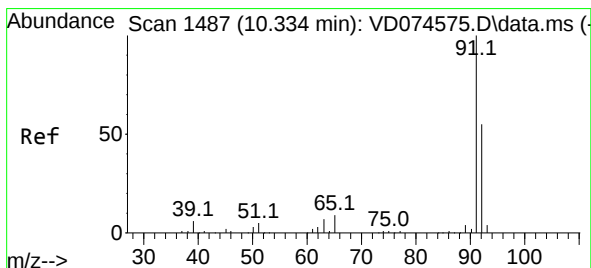
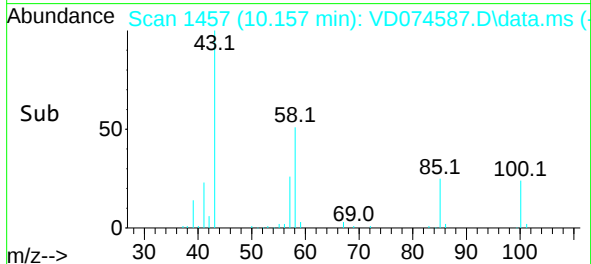
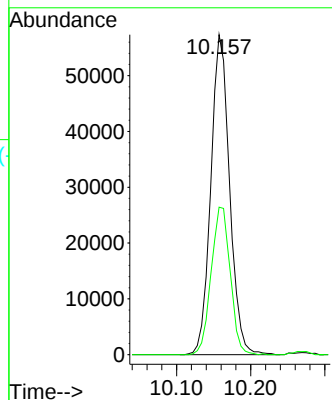
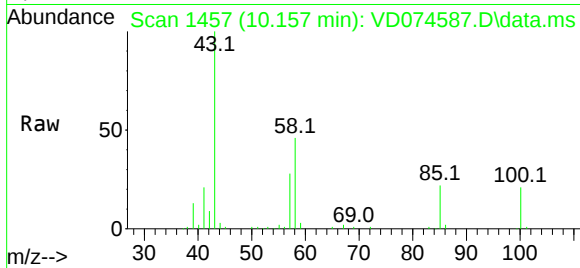




#51
4-Methyl-2-Pentanone
Concen: 255.519 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

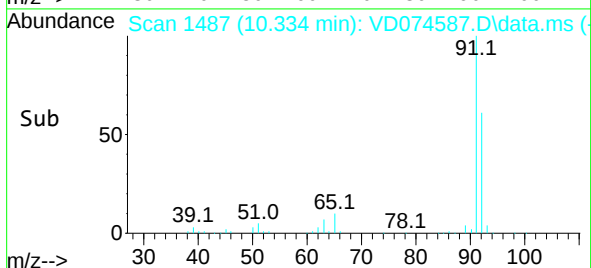
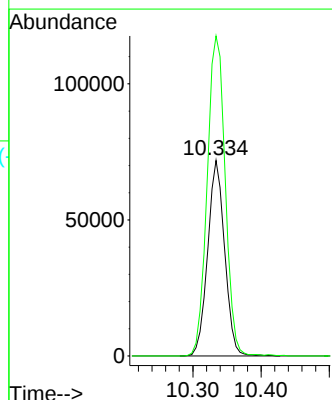
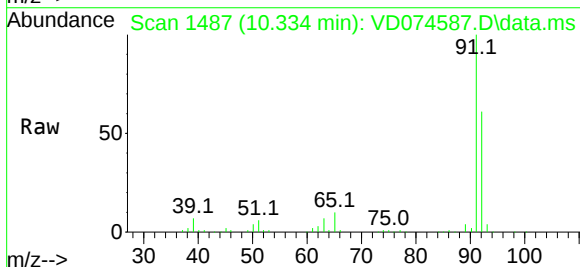
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

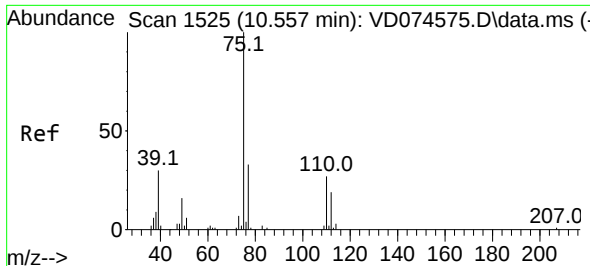
Tgt Ion: 43 Resp: 100814
Ion Ratio Lower Upper
43 100
58 46.9 37.8 56.6



#52
Toluene
Concen: 50.245 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 92 Resp: 124409
Ion Ratio Lower Upper
92 100
91 173.9 139.0 208.4

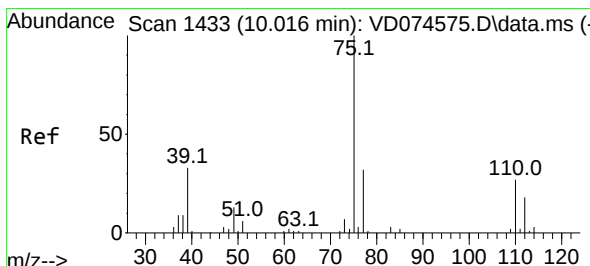
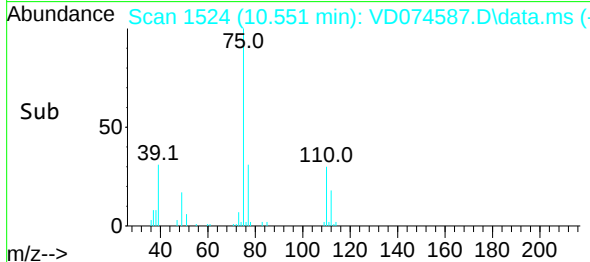
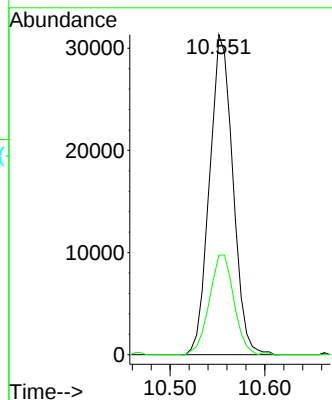
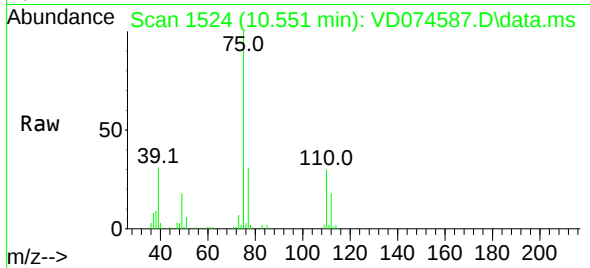




#53
t-1,3-Dichloropropene
Concen: 48.378 ug/l
RT: 10.551 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

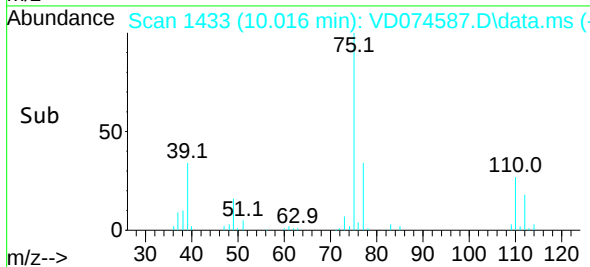
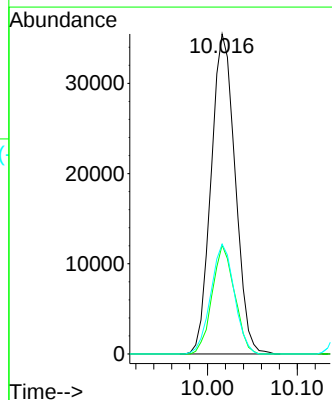
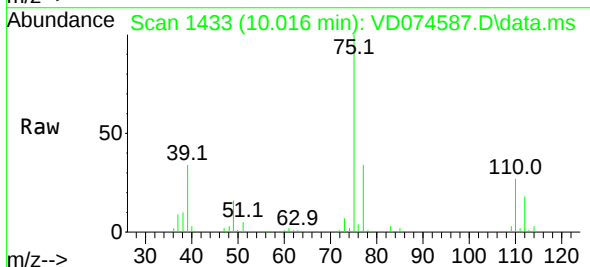
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

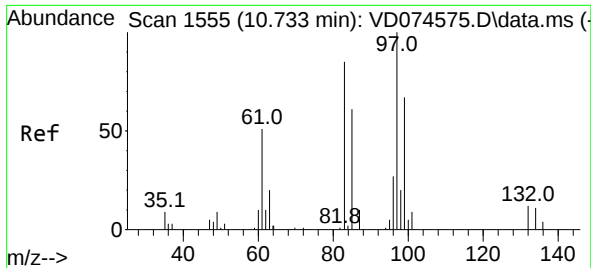
Tgt Ion: 75 Resp: 53507
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 47.368 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 75 Resp: 66057
Ion Ratio Lower Upper
75 100
77 34.0 24.7 37.1
39 34.3 25.4 38.2

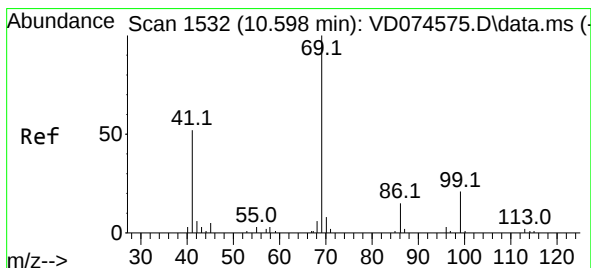
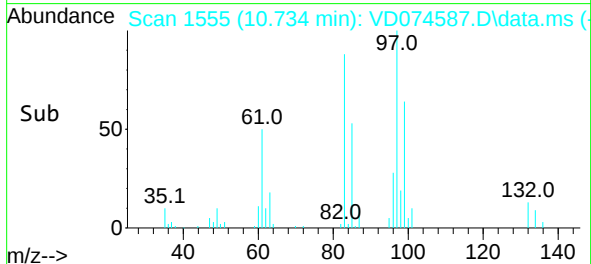
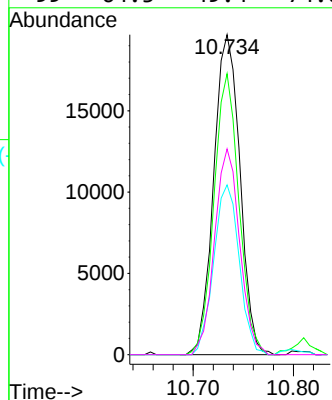
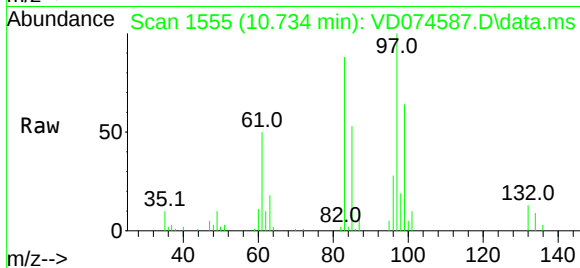




#55
1,1,2-Trichloroethane
Concen: 51.051 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

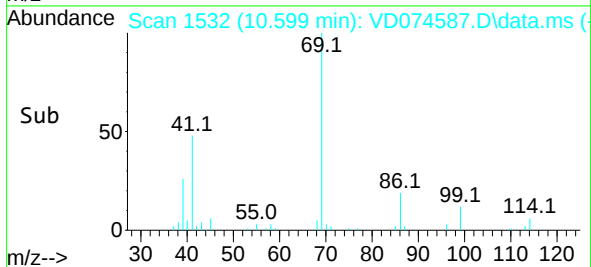
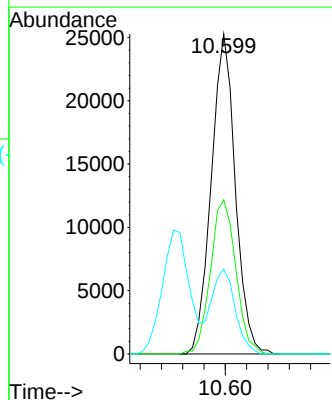
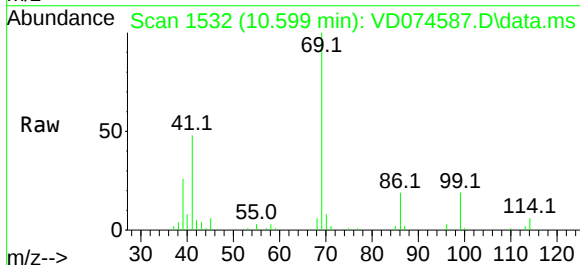
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

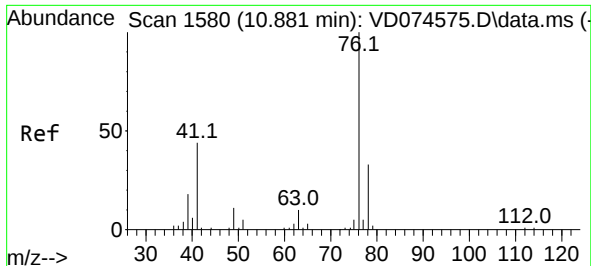
Tgt Ion:	97	Resp:	35662
Ion	Ratio	Lower	Upper
97	100		
83	87.8	64.8	97.2
85	53.1	44.8	67.2
99	64.3	49.4	74.0



#56
Ethyl methacrylate
Concen: 51.917 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:	69	Resp:	39644
Ion	Ratio	Lower	Upper
69	100		
41	50.8	38.6	58.0
39	27.2	19.9	29.9





#57

1,3-Dichloropropane

Concen: 49.739 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

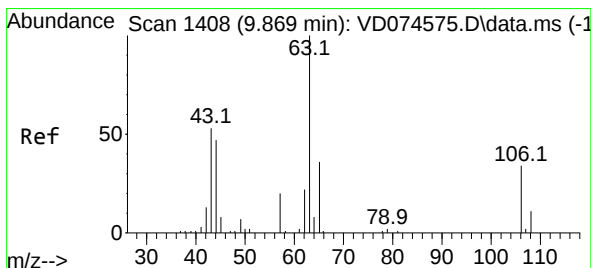
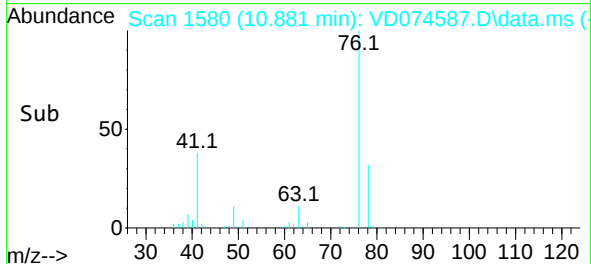
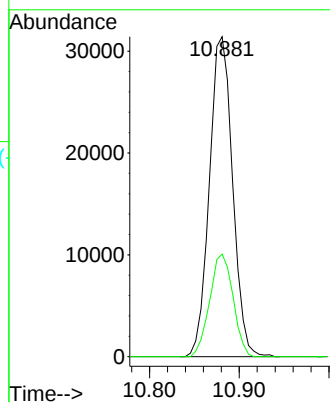
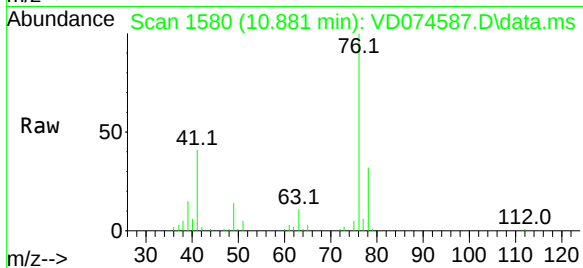
VSTDCCC050EC

Tgt Ion: 76 Resp: 56366

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 195.265 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074587.D

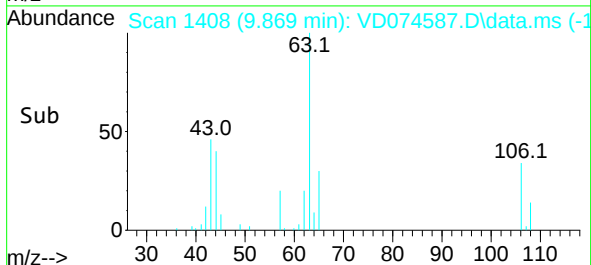
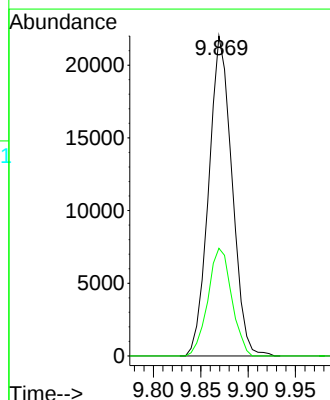
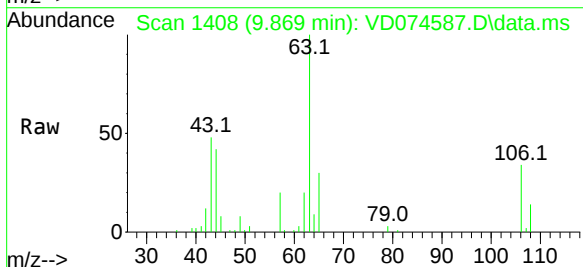
Acq: 19 Oct 2022 19:02

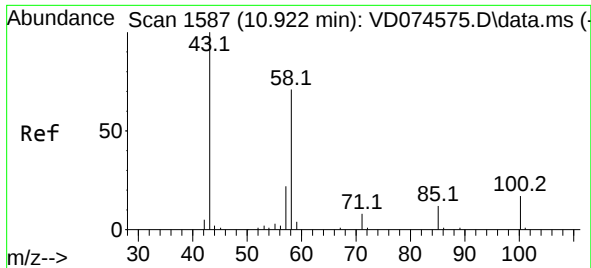
Tgt Ion: 63 Resp: 37567

Ion Ratio Lower Upper

63 100

106 34.3 26.5 39.7

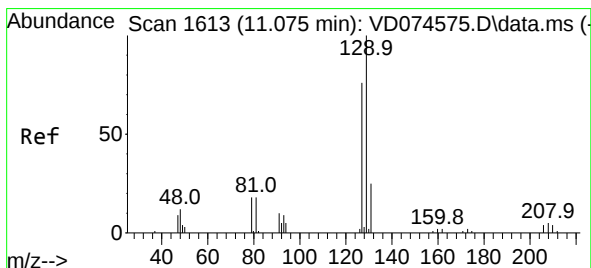
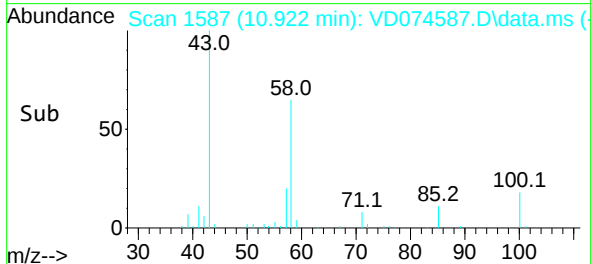
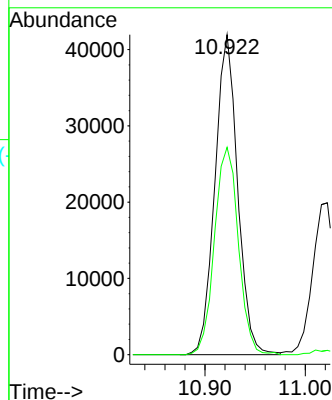
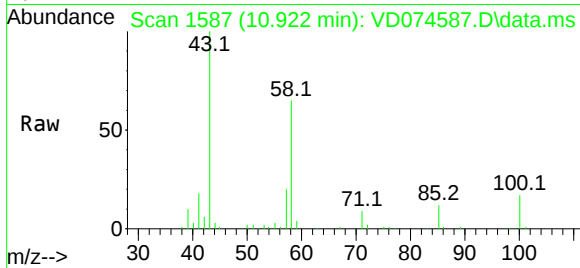




#59
2-Hexanone
Concen: 245.136 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

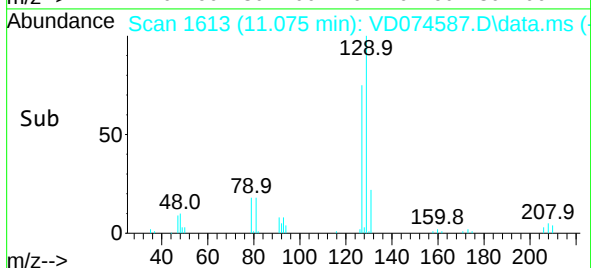
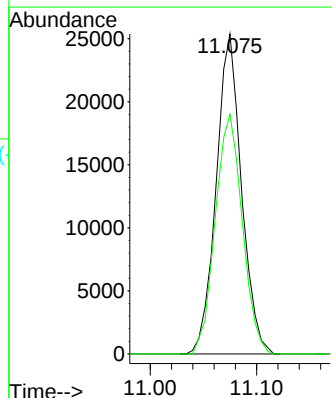
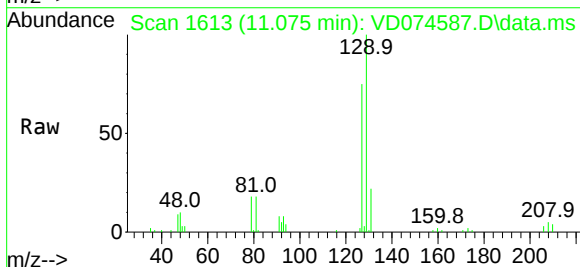
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

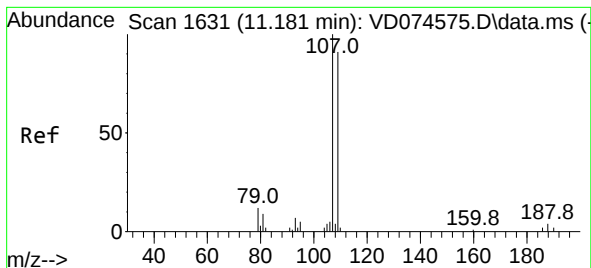
Tgt Ion: 43 Resp: 66014
Ion Ratio Lower Upper
43 100
58 68.1 32.0 96.2



#60
Dibromochloromethane
Concen: 49.675 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 129 Resp: 41826
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.2

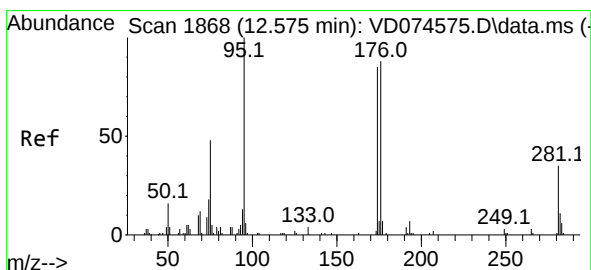
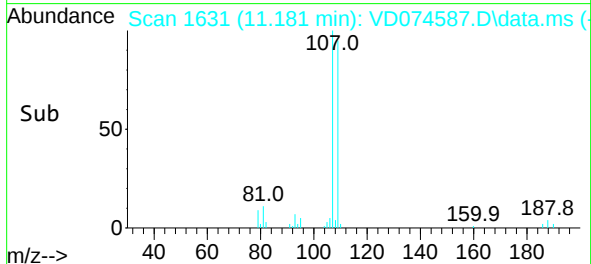
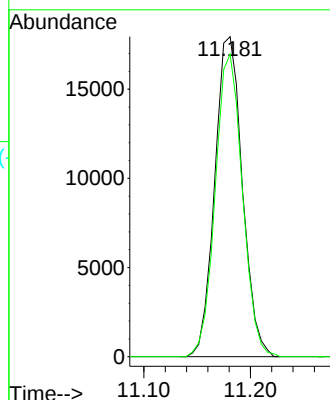
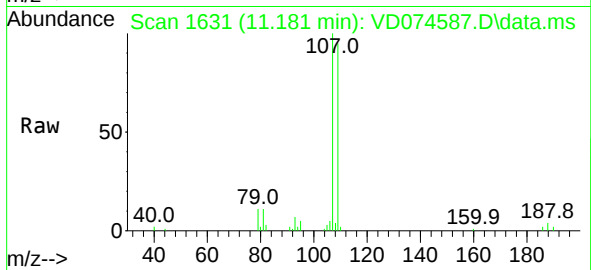




#61
1,2-Dibromoethane
Concen: 50.562 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

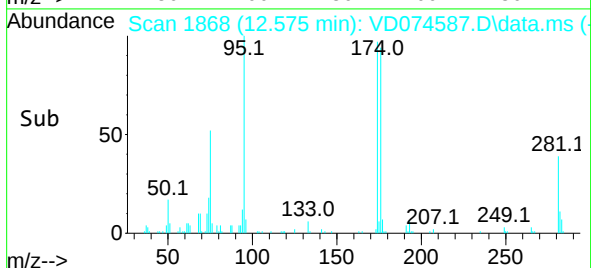
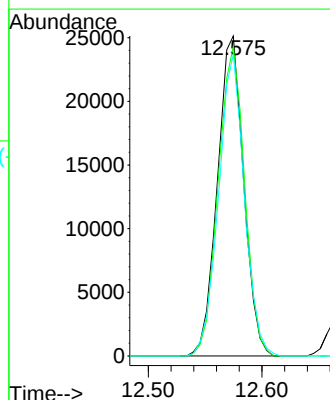
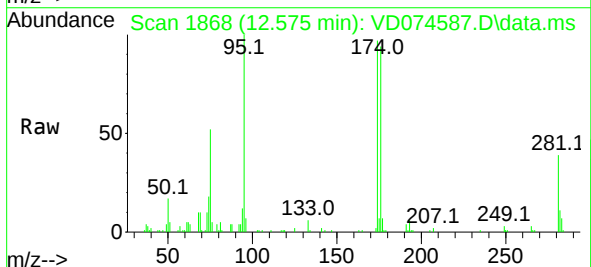
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

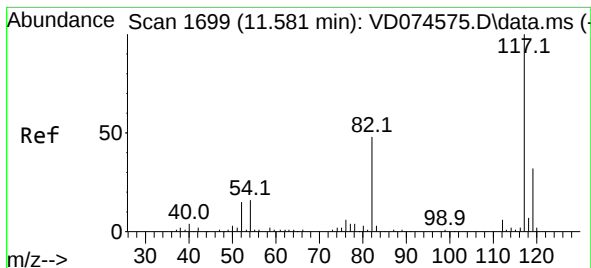
Tgt Ion:107 Resp: 32242
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 46.304 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 95 Resp: 40274
Ion Ratio Lower Upper
95 100
174 97.4 0.0 197.0
176 92.9 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: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

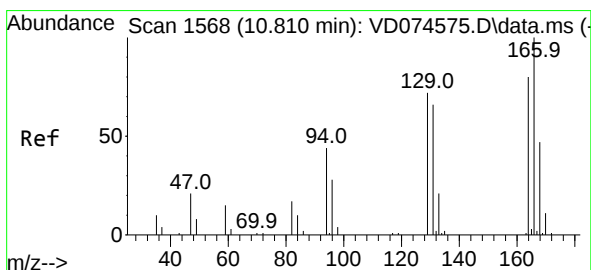
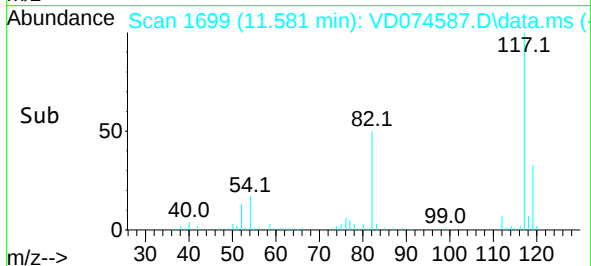
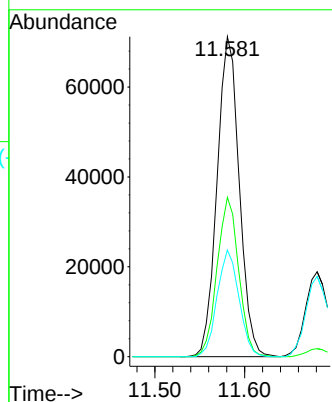
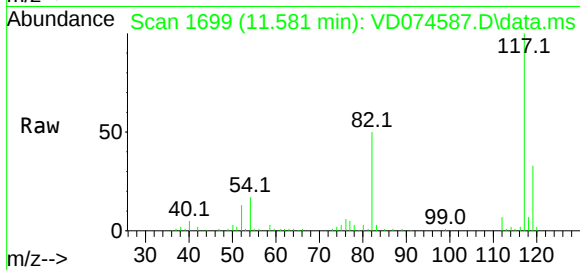
Tgt Ion:117 Resp: 122556

Ion Ratio Lower Upper

117 100

82 49.8 41.6 62.4

119 33.4 25.2 37.8



#64

Tetrachloroethene

Concen: 49.060 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Tgt Ion:164 Resp: 44443

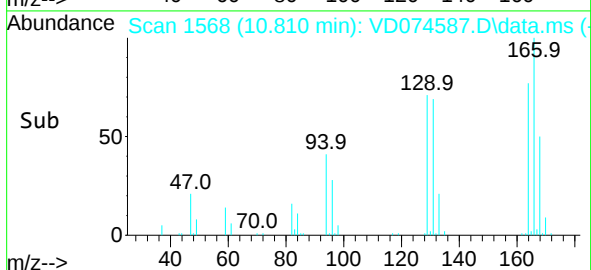
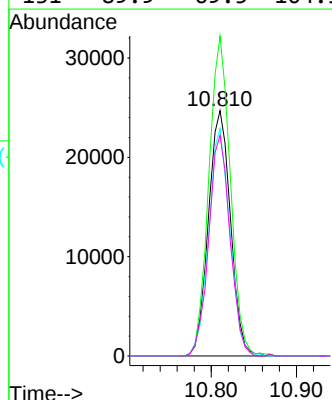
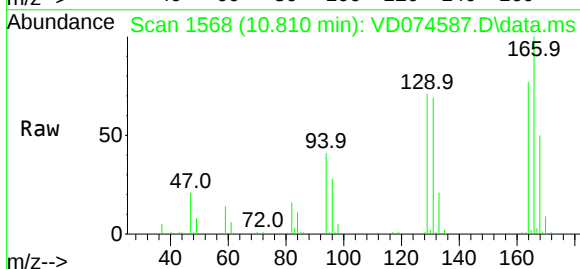
Ion Ratio Lower Upper

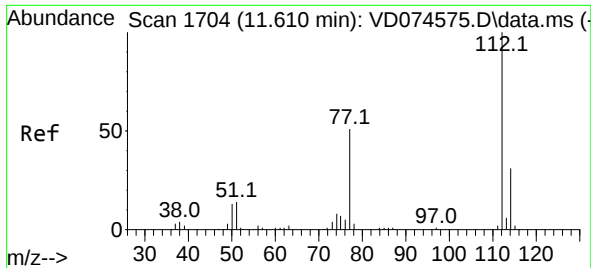
164 100

166 130.4 107.8 161.8

129 92.6 77.4 116.2

131 89.9 69.5 104.3

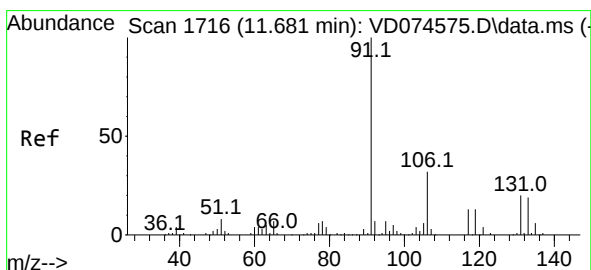
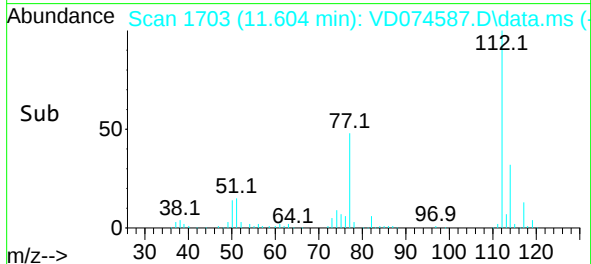
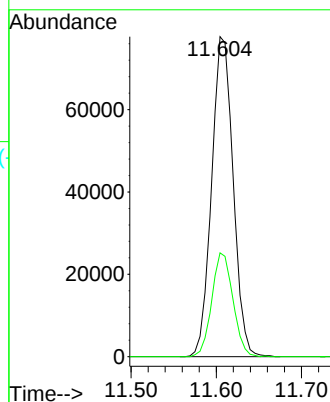
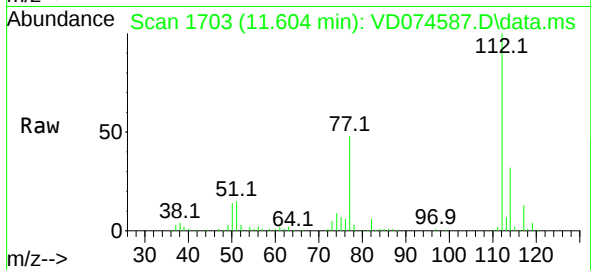




#65
Chlorobenzene
Concen: 52.800 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

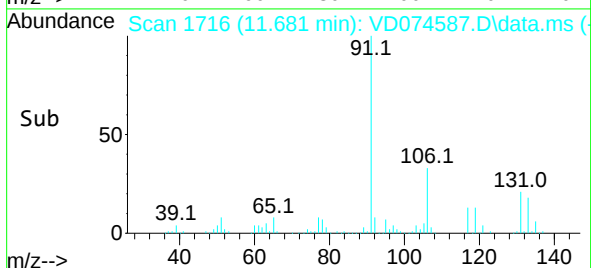
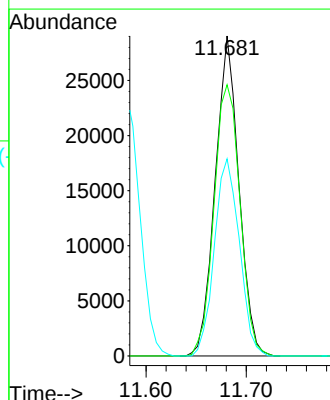
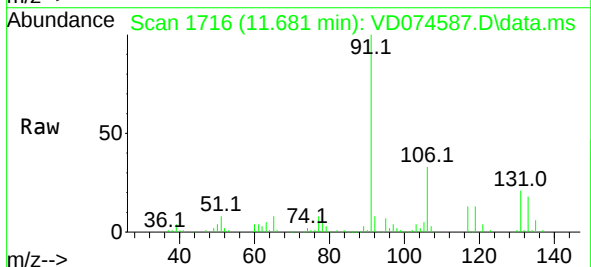
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

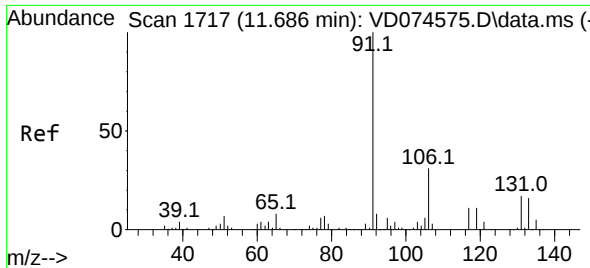
Tgt Ion:112 Resp: 136303
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.724 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:131 Resp: 47649
Ion Ratio Lower Upper
131 100
133 93.3 46.6 139.8
119 65.0 32.5 97.4

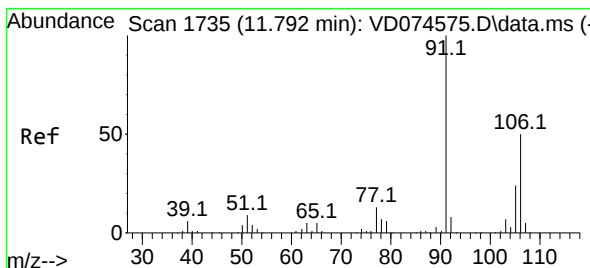
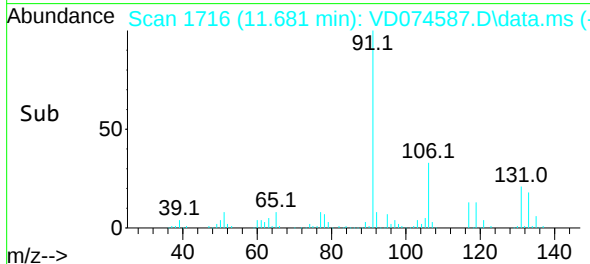
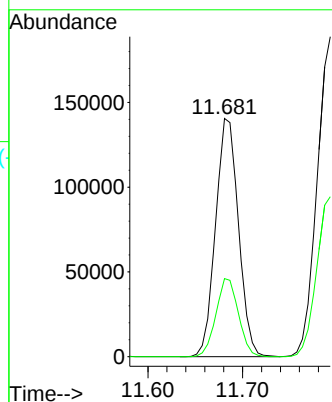
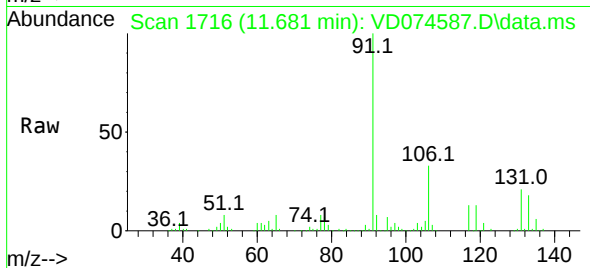




#67
Ethyl Benzene
Concen: 52.603 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

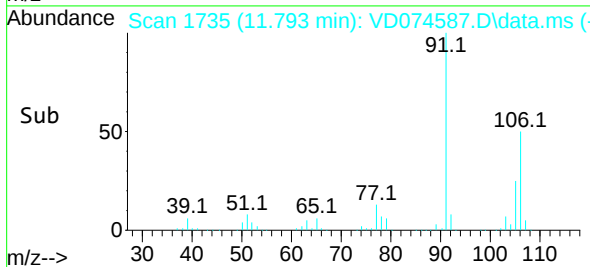
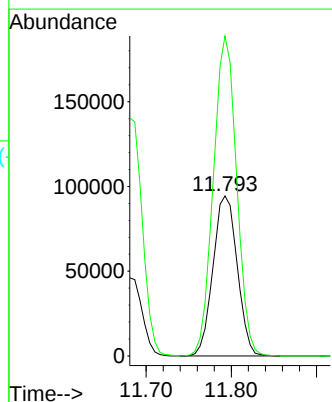
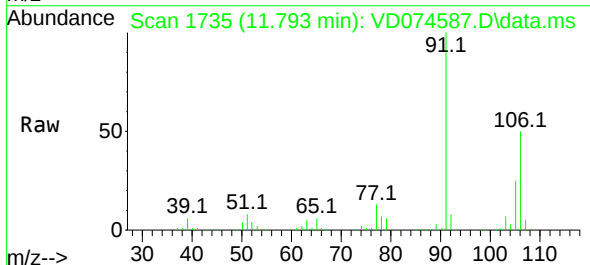
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

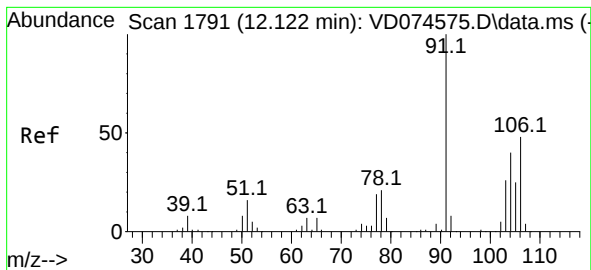
Tgt Ion: 91 Resp: 236463
Ion Ratio Lower Upper
91 100
106 32.8 26.6 40.0



#68
m/p-Xylenes
Concen: 104.295 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:106 Resp: 186411
Ion Ratio Lower Upper
106 100
91 192.1 156.2 234.4

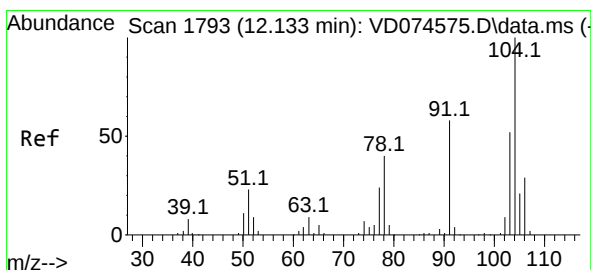
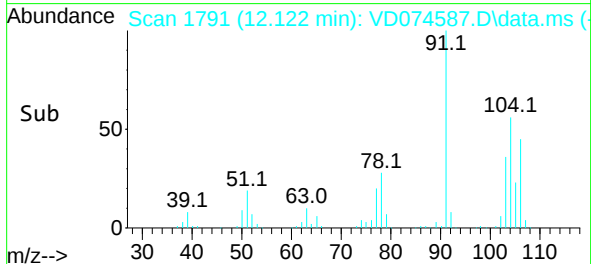
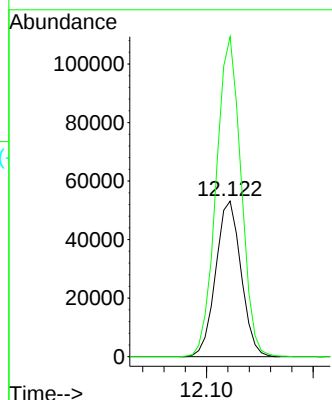
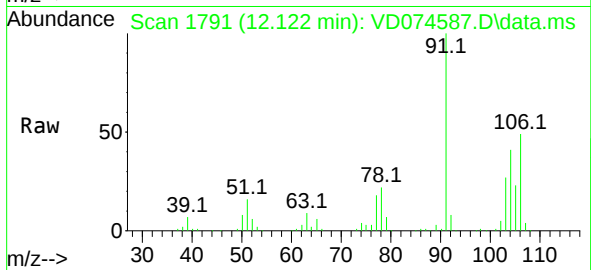




#69
o-Xylene
Concen: 52.682 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

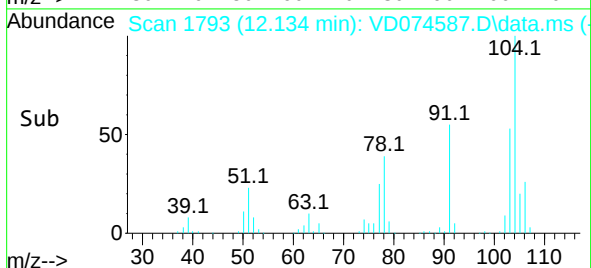
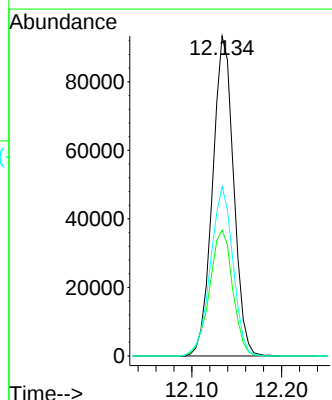
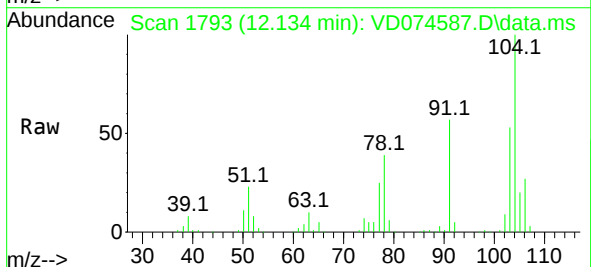
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

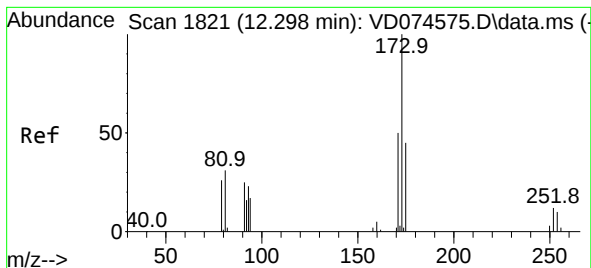
Tgt Ion:106 Resp: 87633
Ion Ratio Lower Upper
106 100
91 202.2 104.5 313.3



#70
Styrene
Concen: 54.336 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:104 Resp: 152216
Ion Ratio Lower Upper
104 100
78 43.2 35.7 53.5
103 56.2 43.7 65.5





#71

Bromoform

Concen: 53.074 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

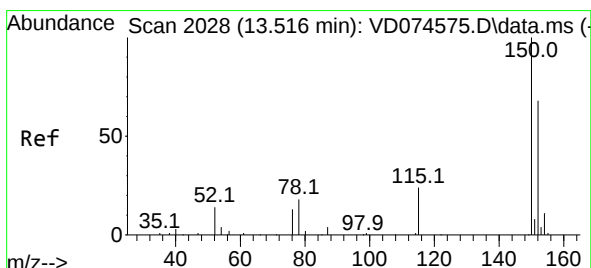
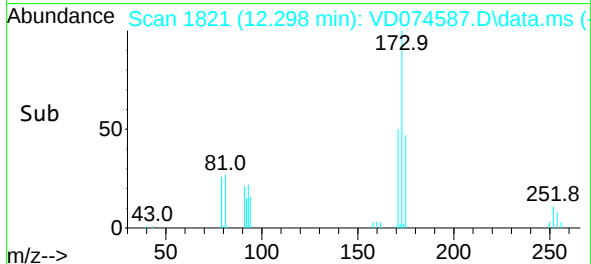
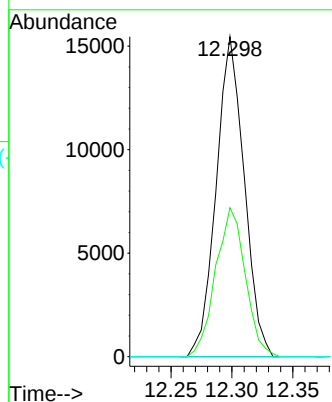
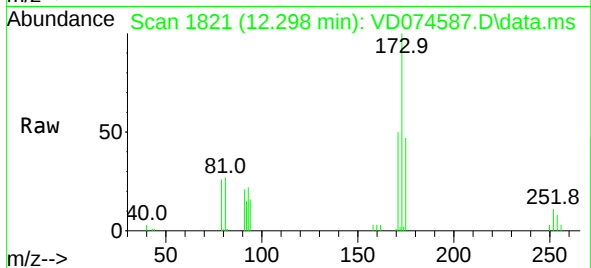
Tgt Ion:173 Resp: 24714

Ion Ratio Lower Upper

173 100

175 49.4 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: VD074587.D

Acq: 19 Oct 2022 19:02

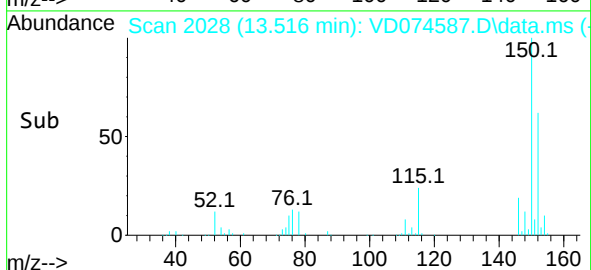
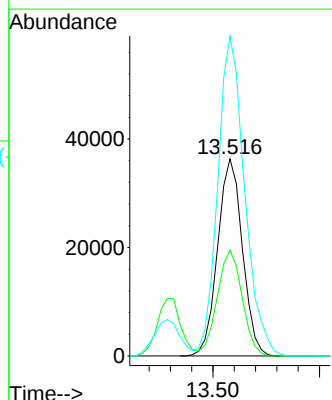
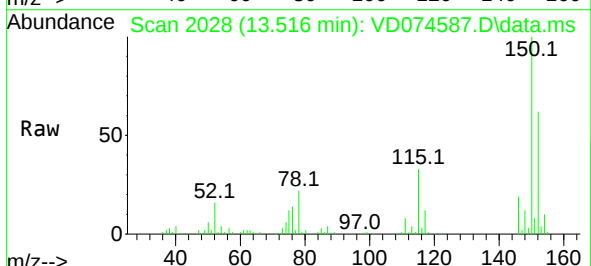
Tgt Ion:152 Resp: 58587

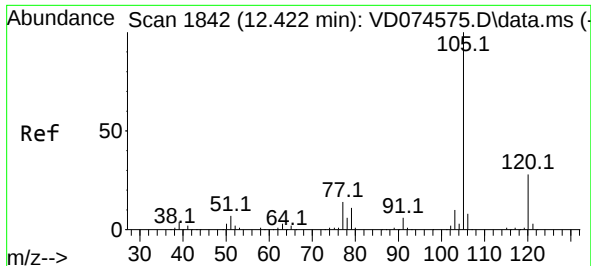
Ion Ratio Lower Upper

152 100

115 53.7 26.8 80.4

150 176.0 0.0 348.2

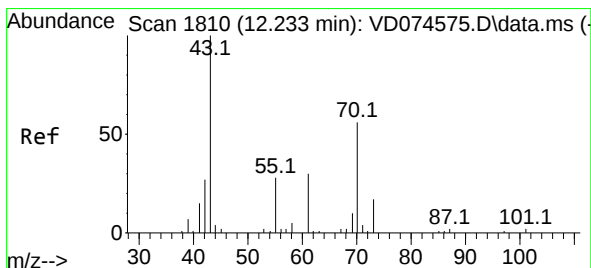
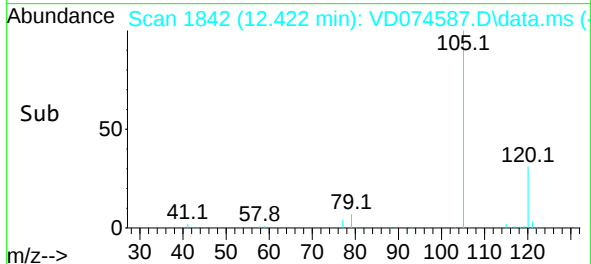
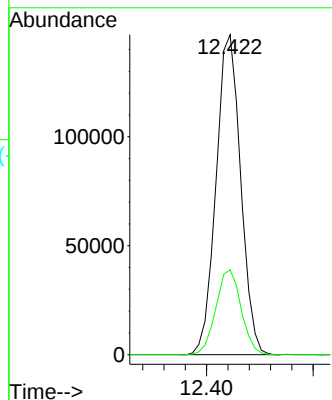
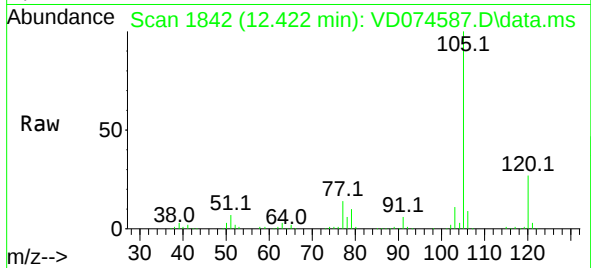




#73
Isopropylbenzene
Concen: 51.472 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

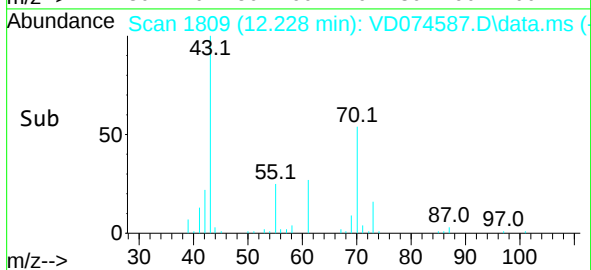
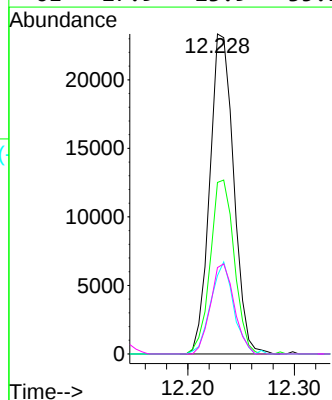
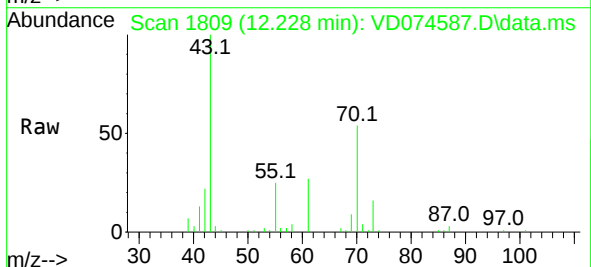
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

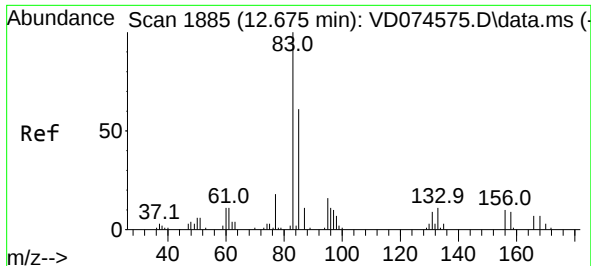
Tgt Ion:105 Resp: 235182
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 53.815 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 43 Resp: 36344
Ion Ratio Lower Upper
43 100
70 54.6 43.8 65.6
55 27.6 22.0 33.0
61 27.9 23.9 35.9

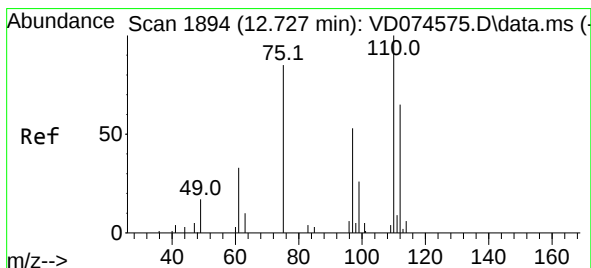
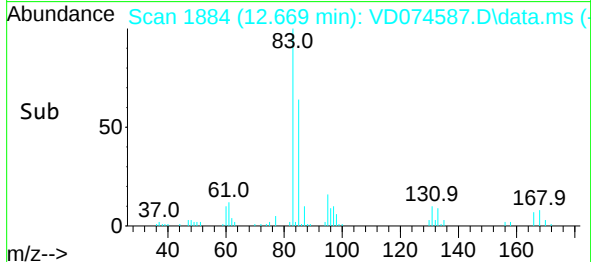
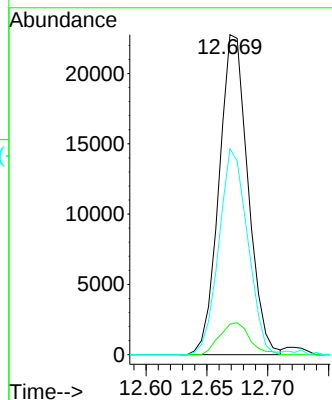
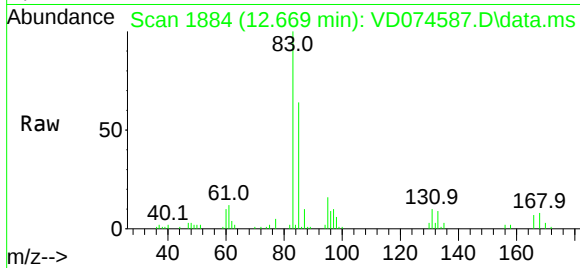




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.032 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

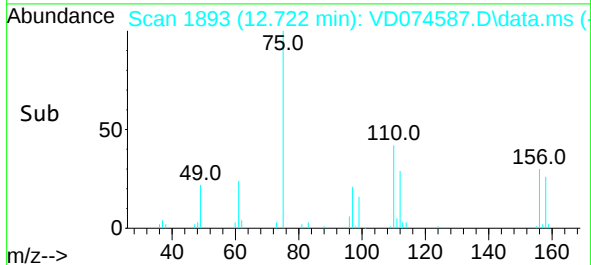
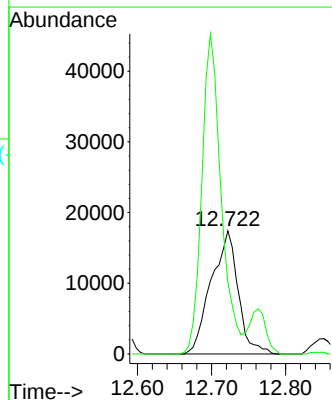
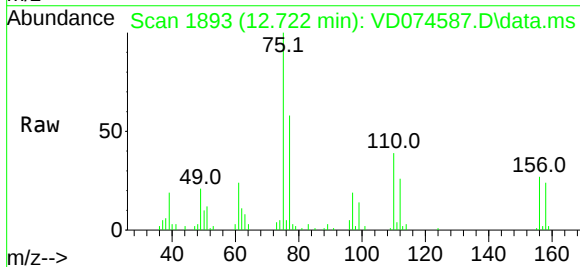
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

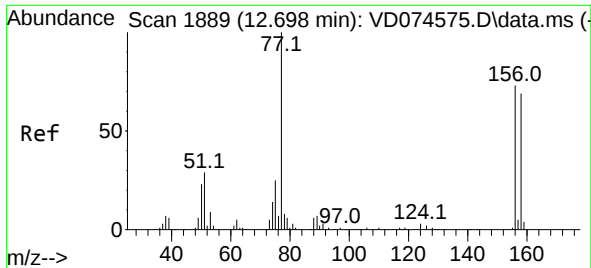
Tgt Ion: 83 Resp: 37636
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.7 14.1
 85 64.0 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 85.921 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

Tgt Ion: 75 Resp: 43954
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

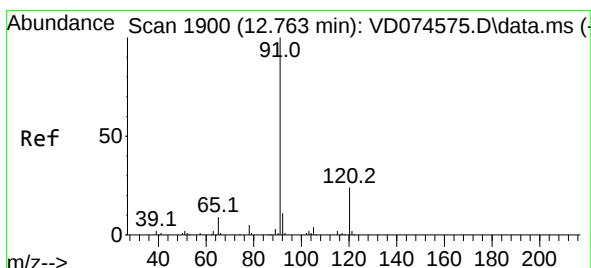
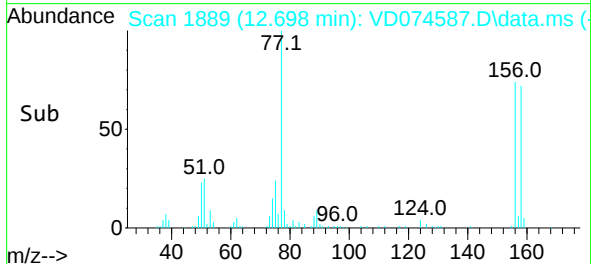
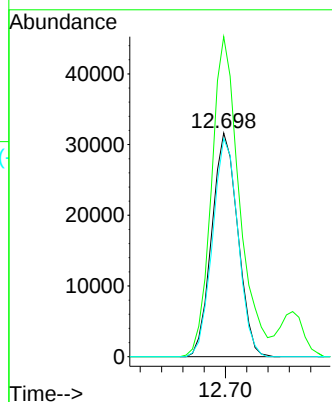
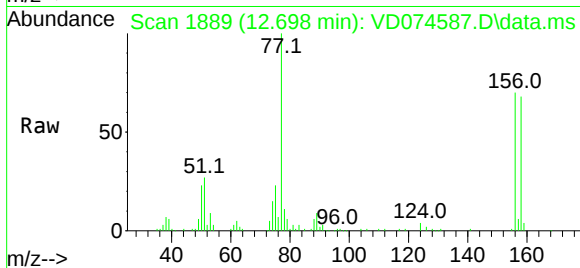




#77
Bromobenzene
Concen: 51.891 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

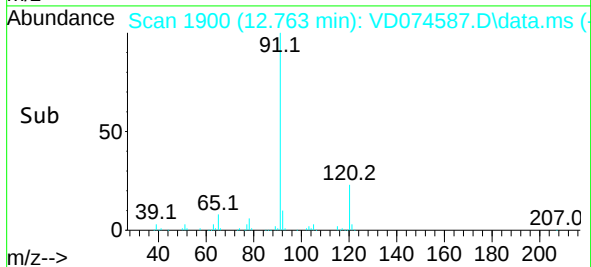
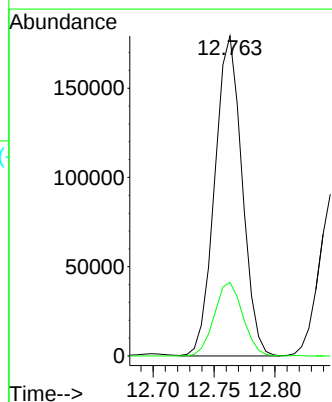
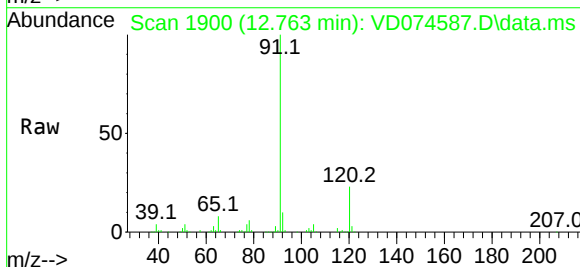
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

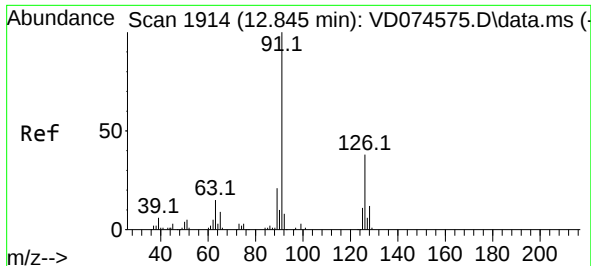
Tgt Ion:156 Resp: 53512
Ion Ratio Lower Upper
156 100
77 153.3 77.7 233.1
158 95.7 49.4 148.2



#78
n-propylbenzene
Concen: 51.746 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 91 Resp: 279423
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.7

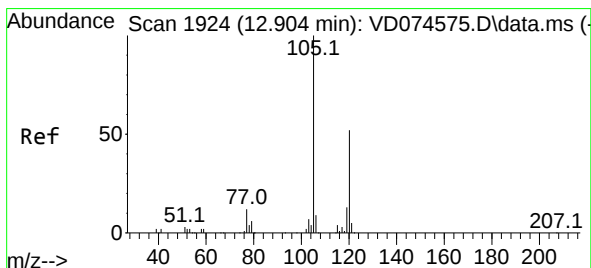
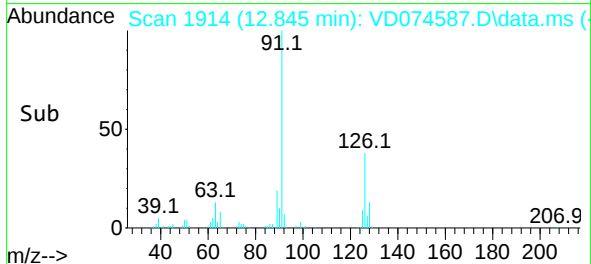
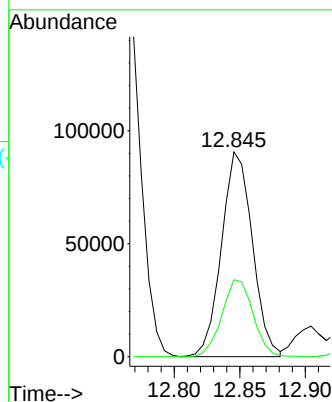
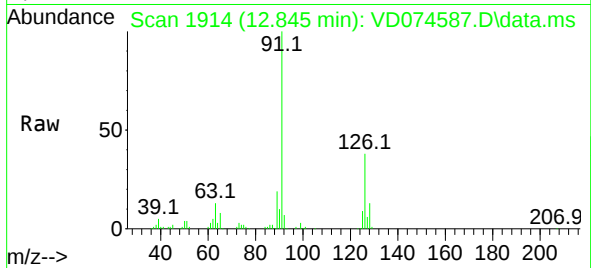




#79
2-Chlorotoluene
Concen: 50.808 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

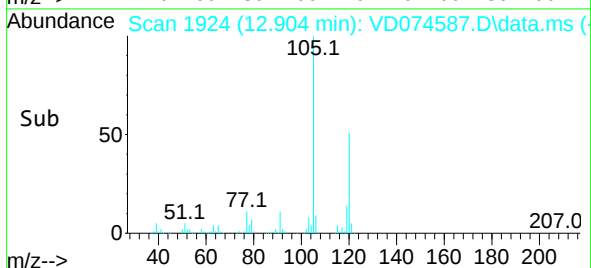
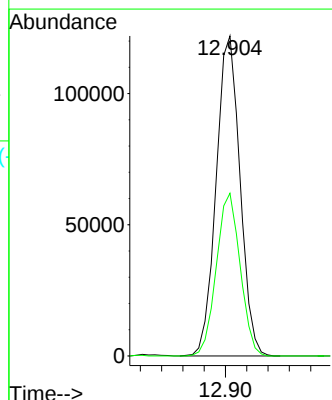
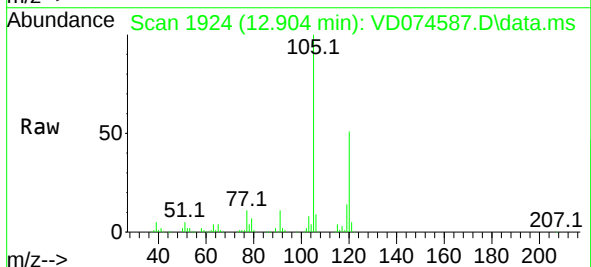
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

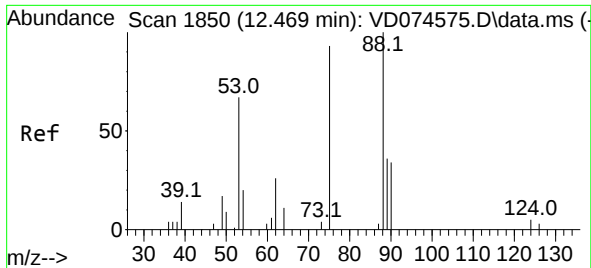
Tgt Ion: 91 Resp: 148630
Ion Ratio Lower Upper
91 100
126 37.8 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 51.057 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 105 Resp: 189372
Ion Ratio Lower Upper
105 100
120 50.7 25.7 77.0

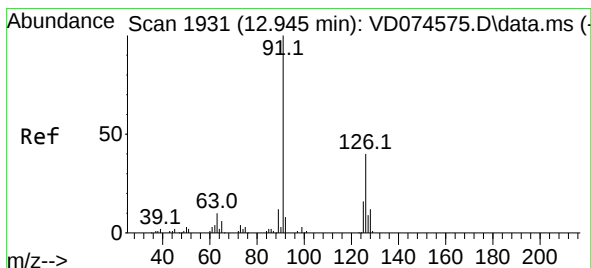
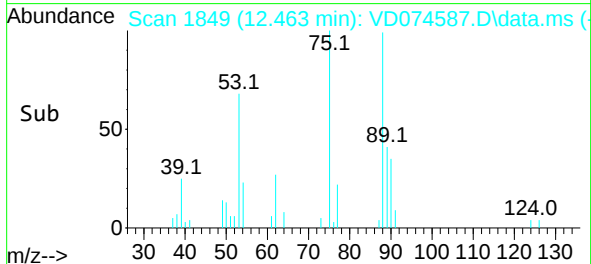
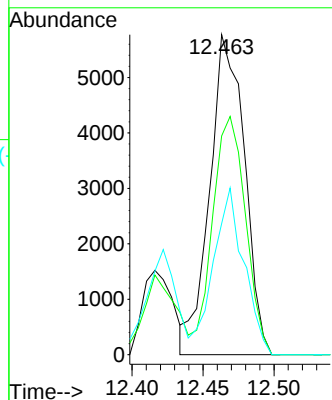
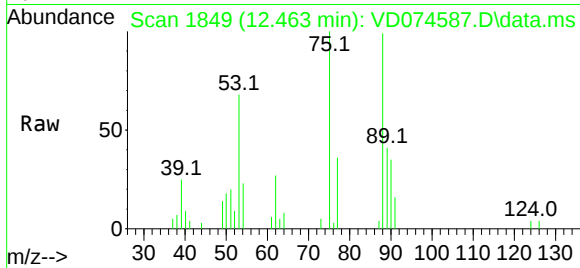




#81
trans-1,4-Dichloro-2-butene
Concen: 49.025 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

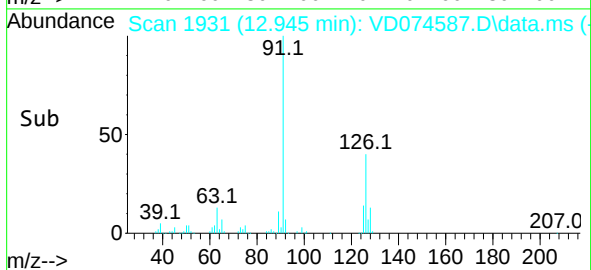
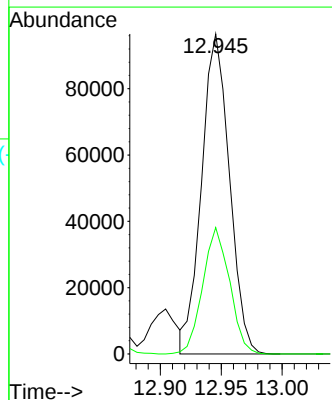
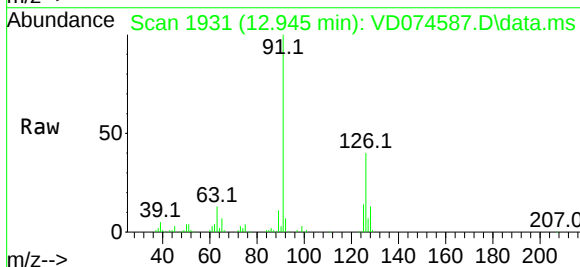
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

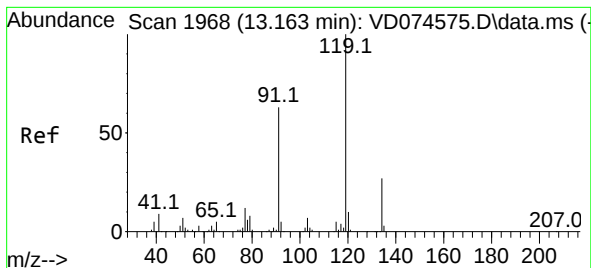
Tgt Ion: 75 Resp: 9814
Ion Ratio Lower Upper
75 100
53 71.0 63.8 95.6
89 46.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 51.096 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 91 Resp: 153567
Ion Ratio Lower Upper
91 100
126 38.1 18.8 56.4

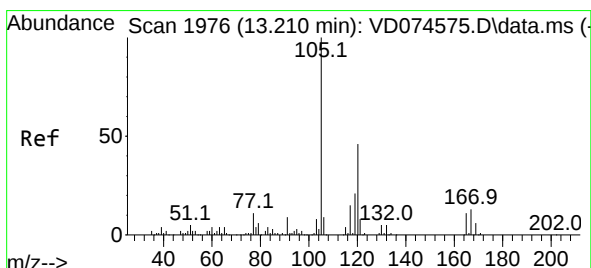
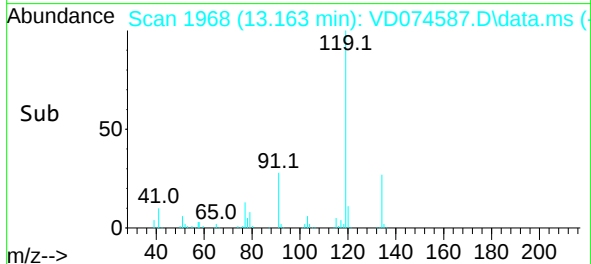
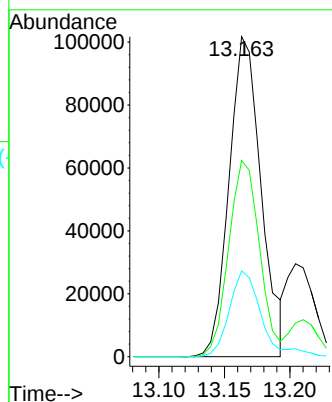
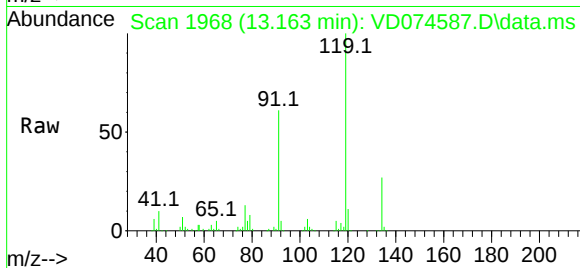




#83
tert-Butylbenzene
Concen: 52.296 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

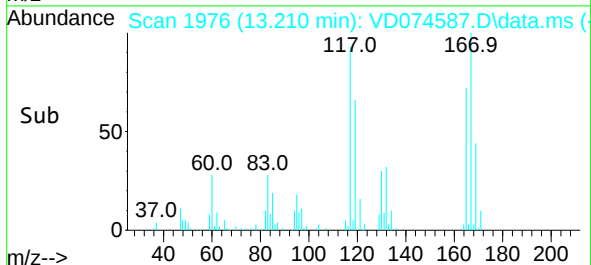
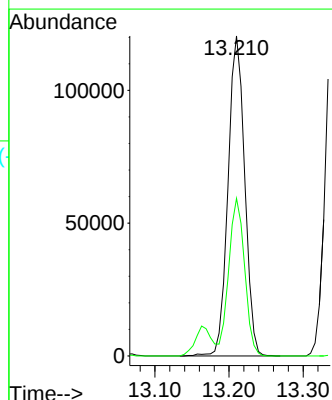
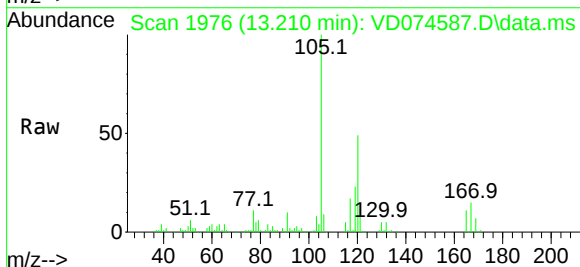
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

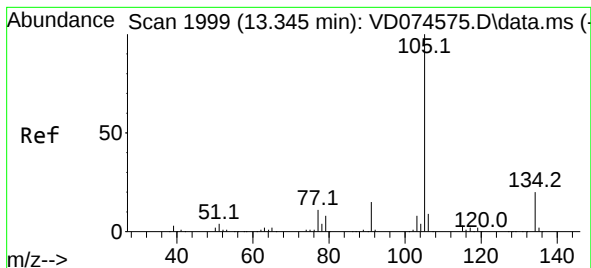
Tgt Ion:119 Resp: 173033
Ion Ratio Lower Upper
119 100
91 59.0 30.0 90.0
134 26.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 51.507 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:105 Resp: 187995
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 51.417 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.006 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

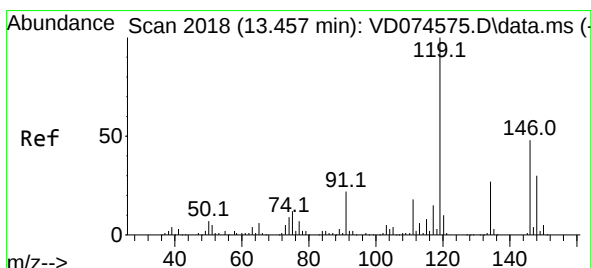
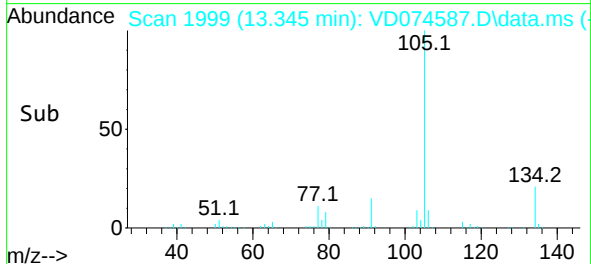
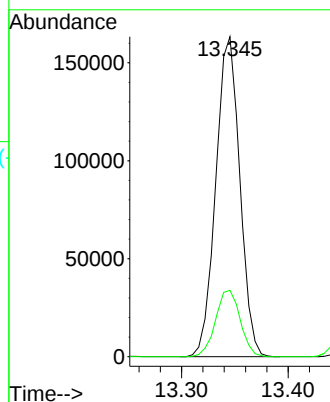
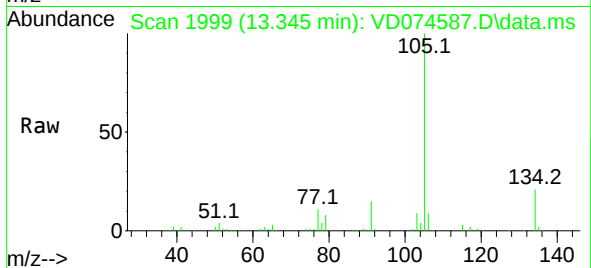
VSTDCCC050EC

Tgt Ion:105 Resp: 255298

Ion Ratio Lower Upper

105 100

134 21.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 51.089 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD074587.D

Acq: 19 Oct 2022 19:02

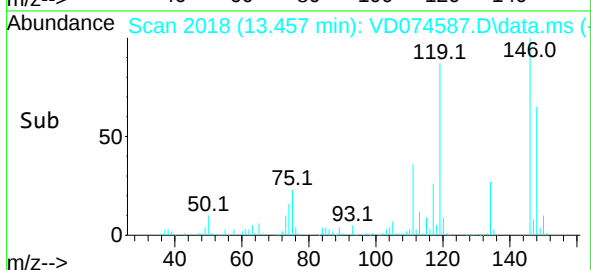
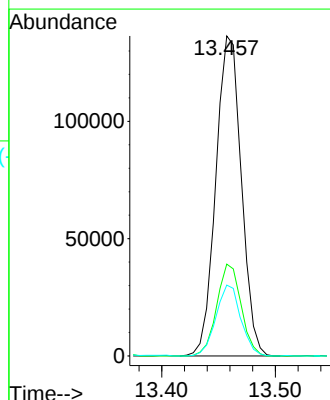
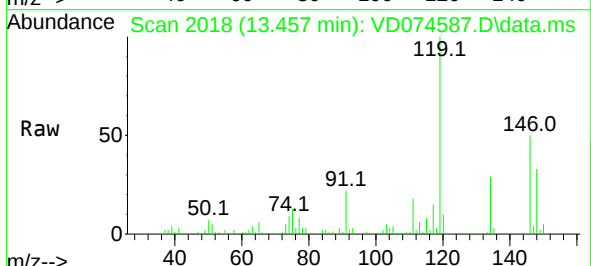
Tgt Ion:119 Resp: 212511

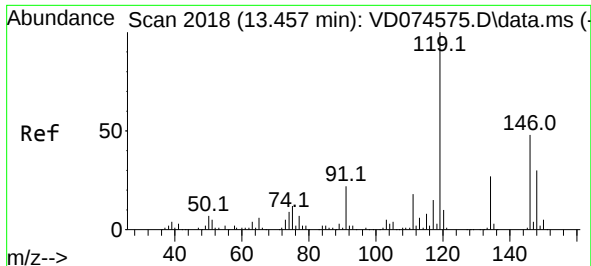
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

91 21.6 10.8 32.4

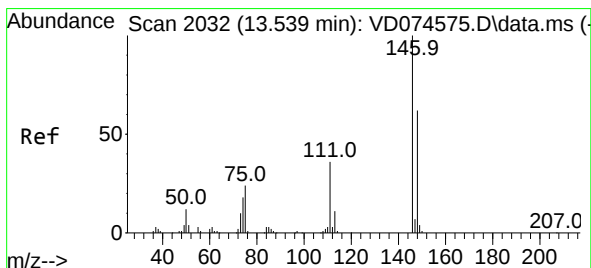
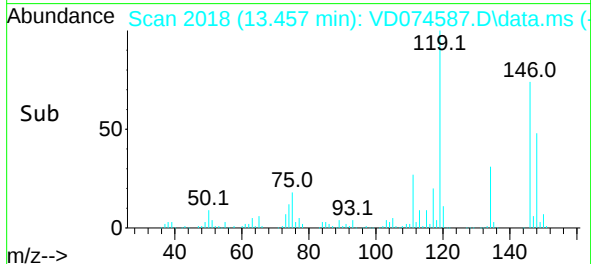
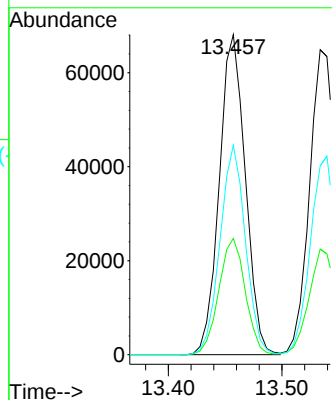
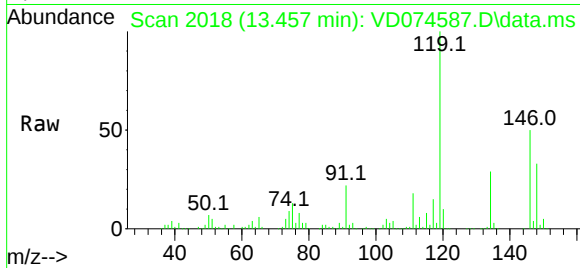




#87
1,3-Dichlorobenzene
Concen: 50.582 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

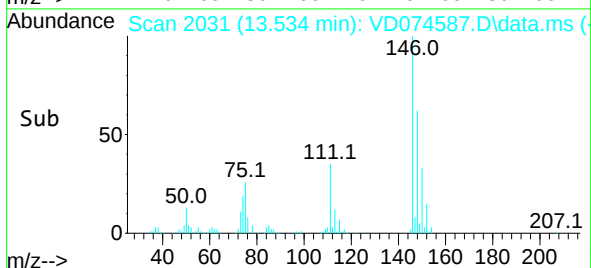
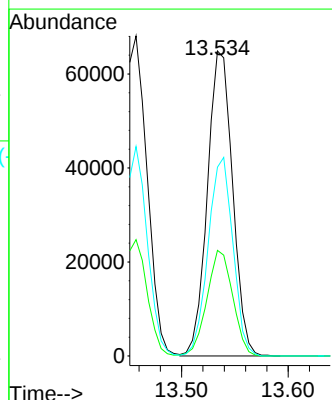
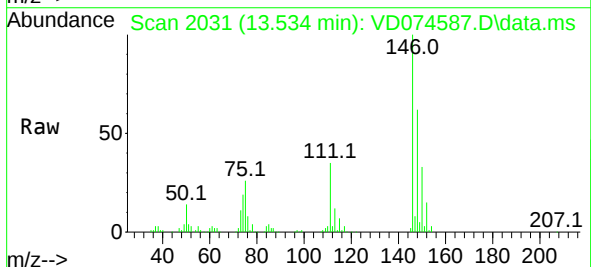
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

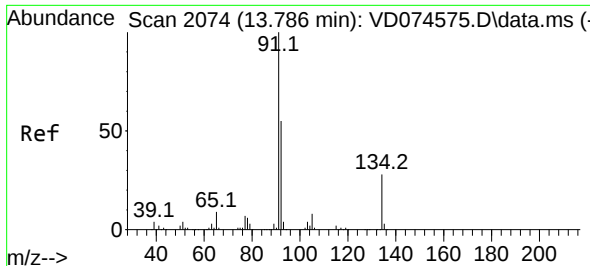
Tgt Ion:146 Resp: 108395
Ion Ratio Lower Upper
146 100
111 36.9 18.3 54.8
148 64.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 50.798 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:146 Resp: 106566
Ion Ratio Lower Upper
146 100
111 35.5 17.7 53.1
148 64.1 32.3 96.9

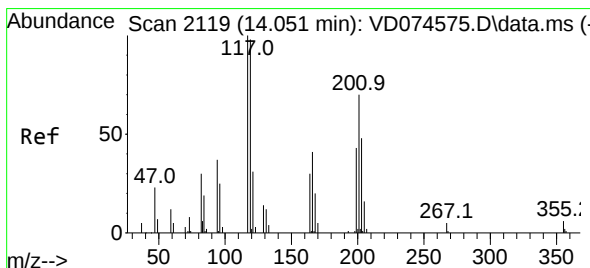
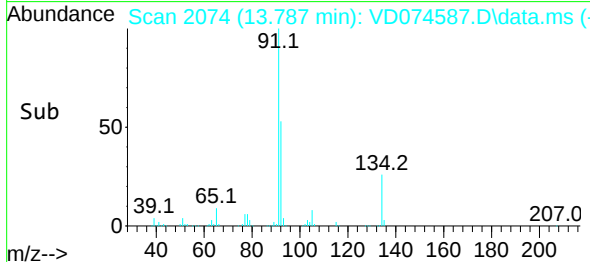
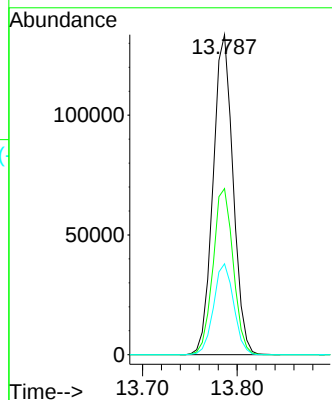
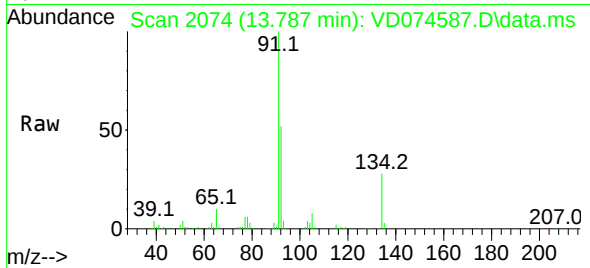




#89
n-Butylbenzene
Concen: 51.628 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

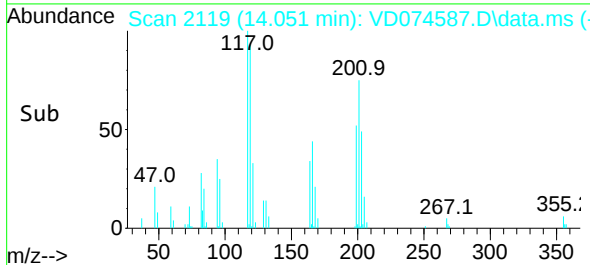
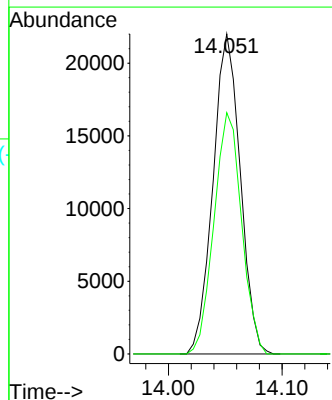
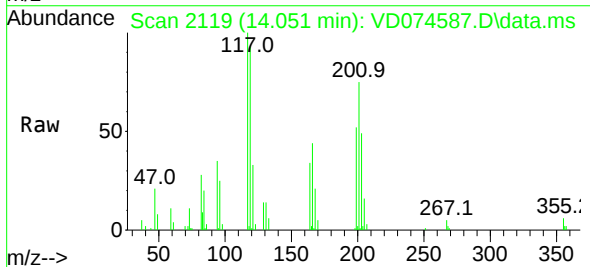
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

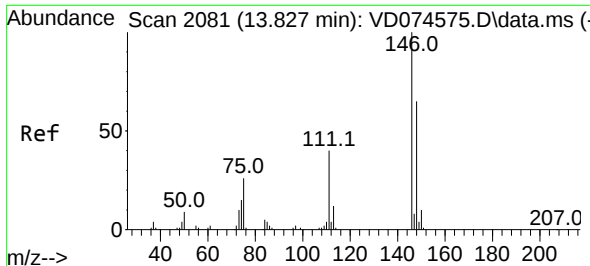
Tgt Ion: 91 Resp: 195655
Ion Ratio Lower Upper
91 100
92 52.6 26.9 80.7
134 28.7 13.4 40.2



#90
Hexachloroethane
Concen: 50.685 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 117 Resp: 36697
Ion Ratio Lower Upper
117 100
201 76.2 38.0 114.0

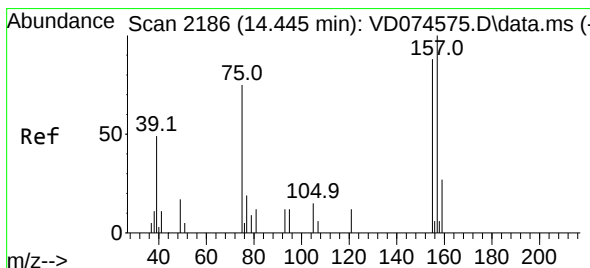
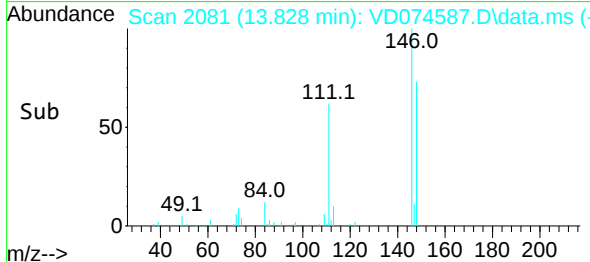
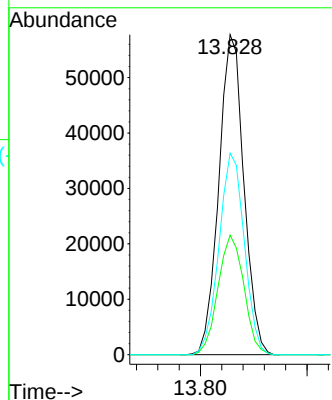
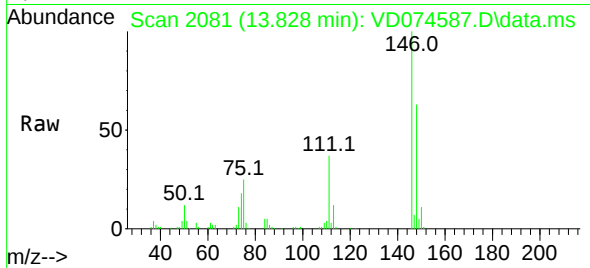




#91
1,2-Dichlorobenzene
Concen: 52.626 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

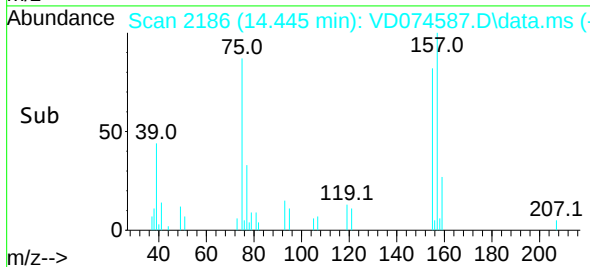
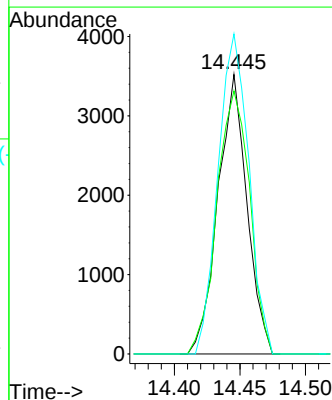
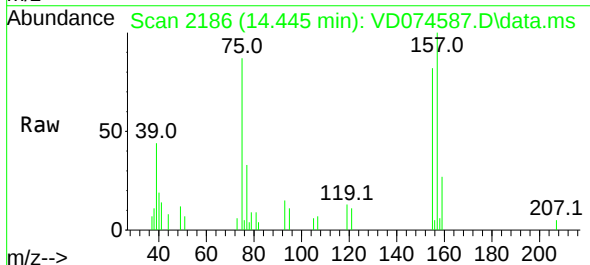
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

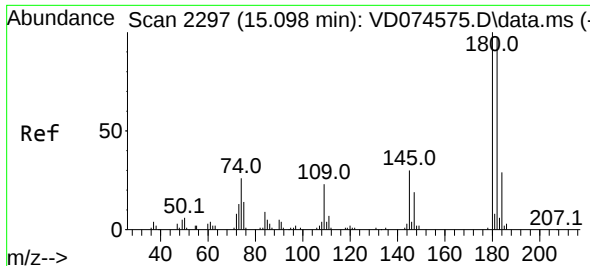
Tgt Ion:146 Resp: 94074
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.5
148 63.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.042 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion: 75 Resp: 5406
Ion Ratio Lower Upper
75 100
155 106.5 51.2 153.8
157 121.3 68.2 204.5

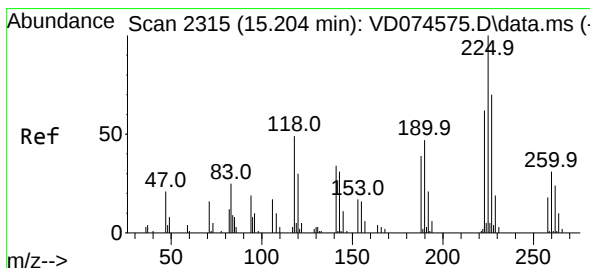
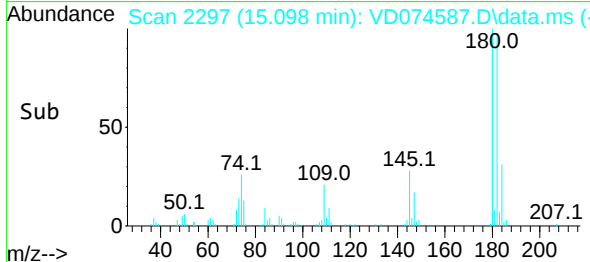
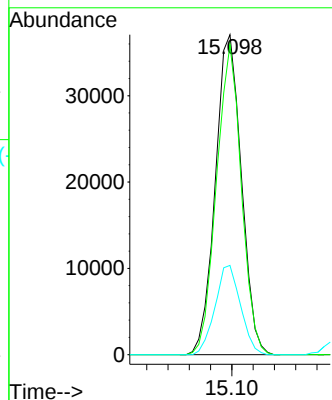
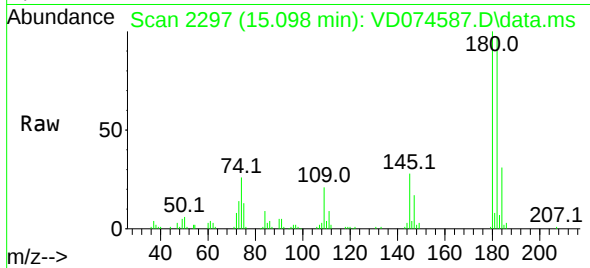




#93
 1,2,4-Trichlorobenzene
 Concen: 53.370 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

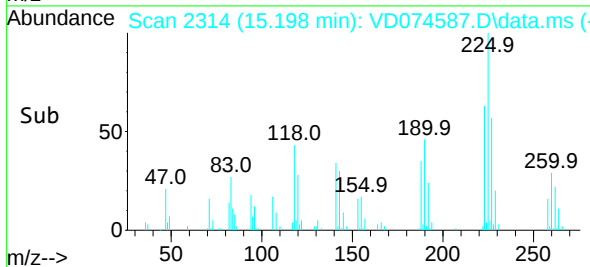
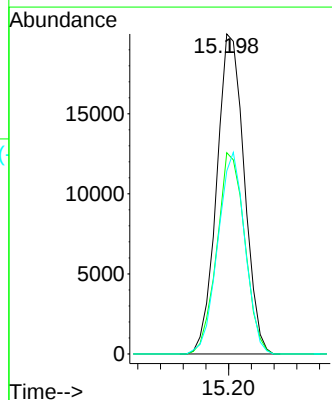
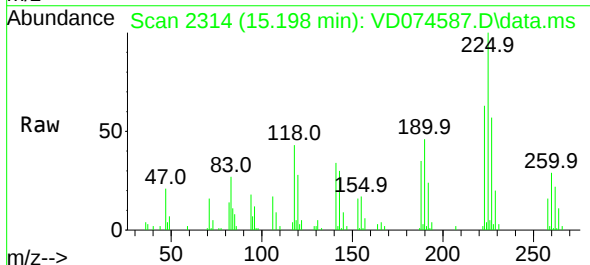
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

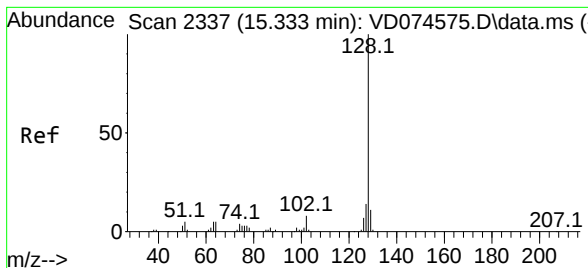
Tgt Ion:180 Resp: 62934
 Ion Ratio Lower Upper
 180 100
 182 92.3 46.9 140.6
 145 27.3 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 51.783 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD074587.D
 Acq: 19 Oct 2022 19:02

Tgt Ion:225 Resp: 33593
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.5
 227 62.0 32.6 97.8

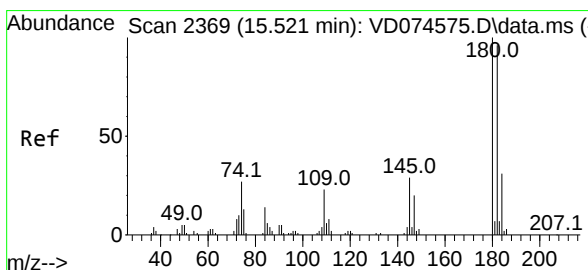
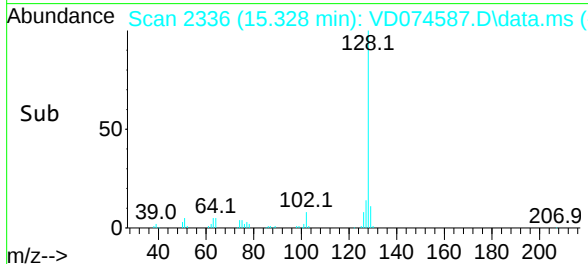
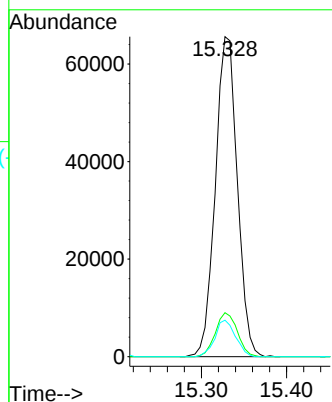
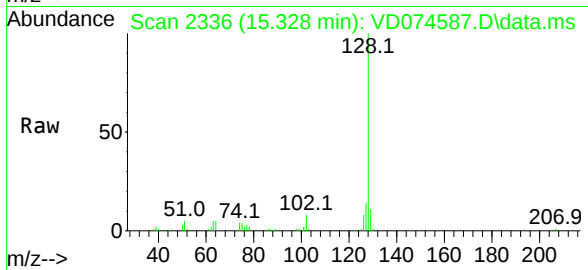




#95
Naphthalene
Concen: 53.076 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 117820
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 53.936 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074587.D
Acq: 19 Oct 2022 19:02

Tgt Ion:180 Resp: 54521
Ion Ratio Lower Upper
180 100
182 95.4 46.7 140.1
145 29.7 14.9 44.7

