

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074959.D
 Acq On : 16 Nov 2022 19:59
 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: Nov 17 00:22:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	214693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	96166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45389	55.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.810	113	57081	43.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.260%
50) Toluene-d8	10.269	98	206770	47.430	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.575	95	67349	50.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	43832	52.484	ug/l	99
3) Chloromethane	2.146	50	73826	56.752	ug/l	93
4) Vinyl Chloride	2.287	62	90045	51.281	ug/l	100
5) Bromomethane	2.693	94	71960	54.664	ug/l	100
6) Chloroethane	2.834	64	68596	53.197	ug/l	98
7) Trichlorofluoromethane	3.175	101	108577	54.270	ug/l	94
8) Diethyl Ether	3.593	74	33063	57.639	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	71183	55.754	ug/l	100
10) Methyl Iodide	4.169	142	83288	54.392	ug/l	99
11) Tert butyl alcohol	5.057	59	16700	278.450	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	68906	55.407	ug/l	93
13) Acrolein	3.799	56	11764	348.871	ug/l	100
14) Allyl chloride	4.563	41	73361	55.149	ug/l	98
15) Acrylonitrile	5.252	53	67186	299.717	ug/l	100
16) Acetone	4.022	43	56828	274.890	ug/l	96
17) Carbon Disulfide	4.269	76	182055	51.460	ug/l	96
18) Methyl Acetate	4.563	43	31996	59.699	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	144459	58.020	ug/l	99
20) Methylene Chloride	4.804	84	95294	55.843	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	80799	57.293	ug/l	90
22) Diisopropyl ether	6.216	45	174812	58.960	ug/l	94
23) Vinyl Acetate	6.157	43	258385	203.047	ug/l	95
24) 1,1-Dichloroethane	6.116	63	126656	57.202	ug/l	99
25) 2-Butanone	7.087	43	67152	248.402	ug/l	99
26) 2,2-Dichloropropane	7.075	77	95966	46.120	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	77069	49.259	ug/l	100
28) Bromochloromethane	7.428	49	37527	52.535	ug/l	94
29) Tetrahydrofuran	7.446	42	40894	273.287	ug/l	95
30) Chloroform	7.598	83	121483	50.099	ug/l	97
31) Cyclohexane	7.881	56	84636	46.358	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	103961	49.747	ug/l	99
36) 1,1-Dichloropropene	8.010	75	87167	44.815	ug/l	99
37) Ethyl Acetate	7.169	43	29049	44.509	ug/l	96
38) Carbon Tetrachloride	7.993	117	80503	43.970	ug/l	96
39) Methylcyclohexane	9.275	83	102088	48.994	ug/l	99
40) Benzene	8.251	78	266095	47.578	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	13175	38.061	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	64214	47.976	ug/l	99
43) Isopropyl Acetate	8.363	43	54868	47.731	ug/l	98
44) Trichloroethene	9.028	130	73919	50.027	ug/l	99
45) 1,2-Dichloropropane	9.304	63	63899	50.848	ug/l	95
46) Dibromomethane	9.398	93	37122	52.747	ug/l	93
47) Bromodichloromethane	9.587	83	91735	52.522	ug/l	100
48) Methyl methacrylate	9.381	41	26700	52.434	ug/l	94
49) 1,4-Dioxane	9.387	88	7748	1121.953	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	148348	270.705	ug/l	98
52) Toluene	10.334	92	178437	53.361	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	79111	51.273	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	99754	52.719	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	53916	55.096	ug/l	98
56) Ethyl methacrylate	10.598	69	57738	48.884	ug/l	98
57) 1,3-Dichloropropane	10.881	76	84534	53.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	93028	226.820	ug/l	99
59) 2-Hexanone	10.922	43	102936	269.449	ug/l	100
60) Dibromochloromethane	11.075	129	64079	55.199	ug/l	97
61) 1,2-Dibromoethane	11.181	107	49336	53.908	ug/l	99
64) Tetrachloroethene	10.810	164	63356	47.435	ug/l	92
65) Chlorobenzene	11.610	112	190456	48.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	69185	50.670	ug/l	99
67) Ethyl Benzene	11.686	91	339575	50.016	ug/l	97
68) m/p-Xylenes	11.792	106	269598	99.594	ug/l	100
69) o-Xylene	12.122	106	126995	50.992	ug/l	96
70) Styrene	12.139	104	221175	51.808	ug/l	99
71) Bromoform	12.298	173	36739	51.990	ug/l #	100
73) Isopropylbenzene	12.422	105	335363	50.666	ug/l	100
74) N-amyl acetate	12.233	43	52569	48.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	58580	50.033	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	67320	83.697	ug/l #	1
77) Bromobenzene	12.704	156	75003	48.421	ug/l	94
78) n-propylbenzene	12.763	91	408152	50.165	ug/l	99
79) 2-Chlorotoluene	12.851	91	219098	49.977	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	276840	50.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	14960	45.755	ug/l	96
82) 4-Chlorotoluene	12.951	91	226296	49.569	ug/l	98
83) tert-Butylbenzene	13.169	119	239957	50.142	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	277386	50.853	ug/l	98
85) sec-Butylbenzene	13.345	105	369709	50.790	ug/l	100
86) p-Isopropyltoluene	13.463	119	312442	51.619	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	157705	48.944	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	153824	48.101	ug/l	98
89) n-Butylbenzene	13.792	91	283554	50.458	ug/l	99
90) Hexachloroethane	14.057	117	54026	49.836	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	138001	50.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7647	47.372	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	82068	49.205	ug/l	99
94) Hexachlorobutadiene	15.210	225	43834	50.951	ug/l	97
95) Naphthalene	15.333	128	153486	49.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	71352	49.470	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

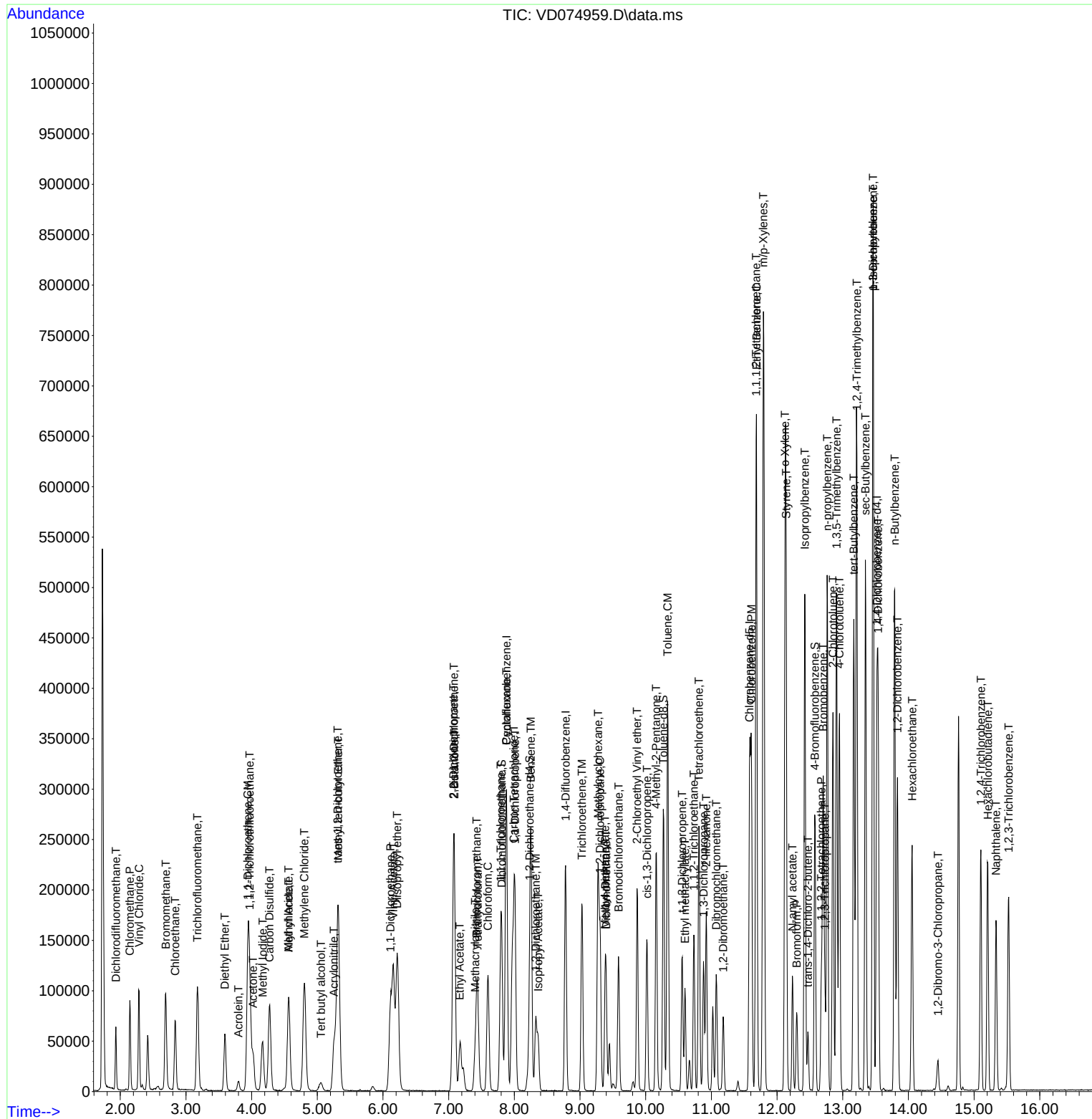
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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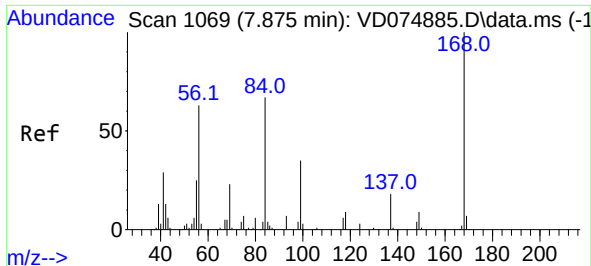
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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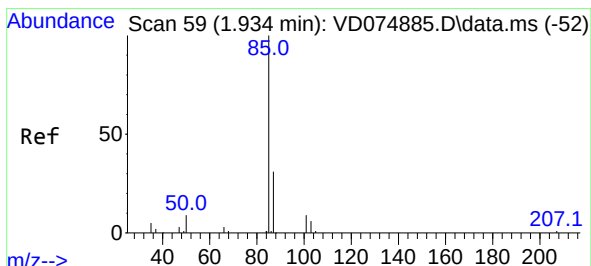
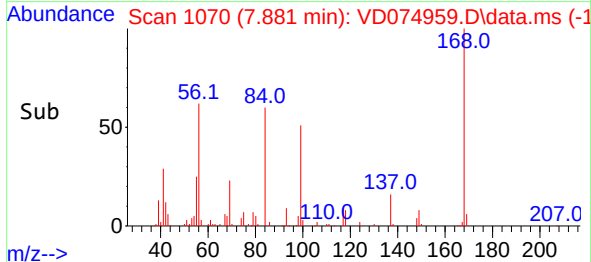
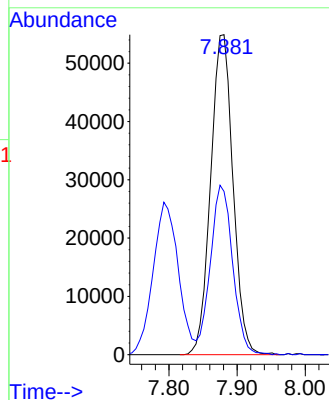
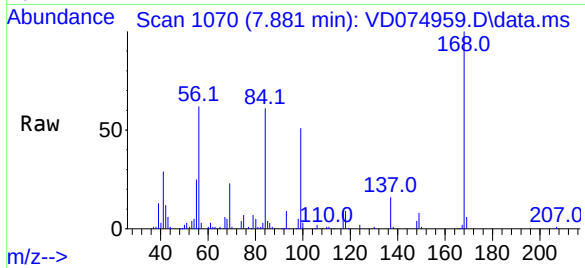




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074959.D
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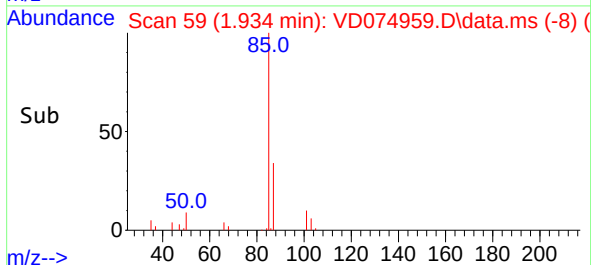
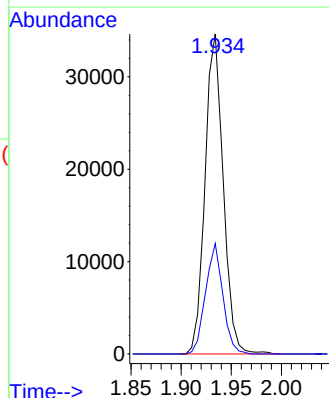
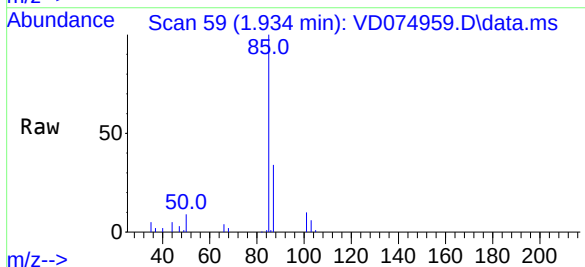
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 125228
Ion Ratio Lower Upper
168 100
99 51.0 40.9 61.3

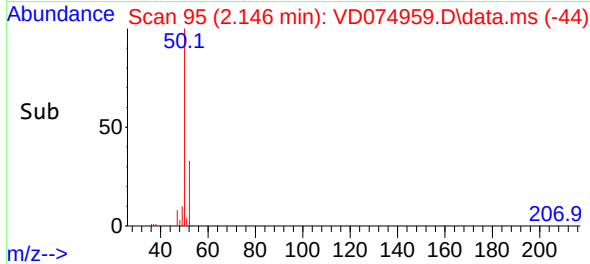
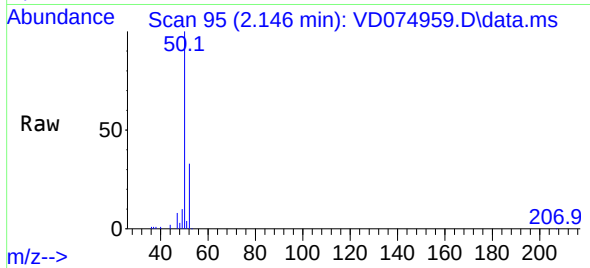
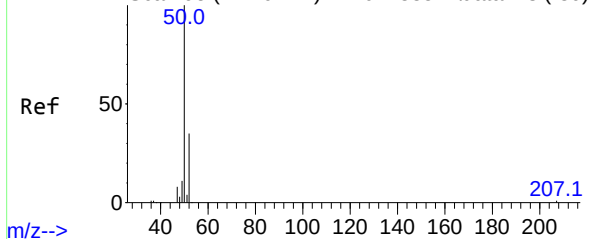


#2
Dichlorodifluoromethane
Concen: 52.484 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 85 Resp: 43832
Ion Ratio Lower Upper
85 100
87 34.5 17.5 52.6



Abundance Scan 95 (2.146 min): VD074885.D\data.ms (-89)



#3

Chloromethane

Concen: 56.752 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

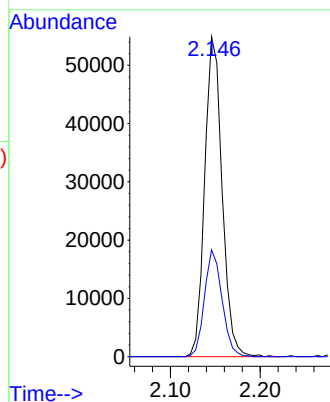
VSTDCCC050EC

Tgt Ion: 50 Resp: 73826

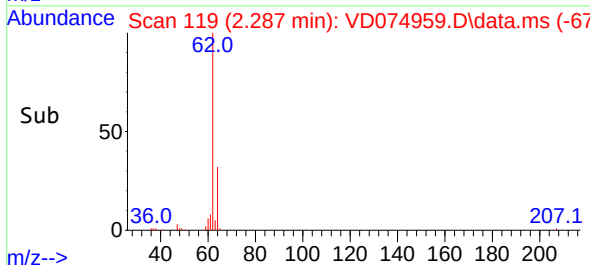
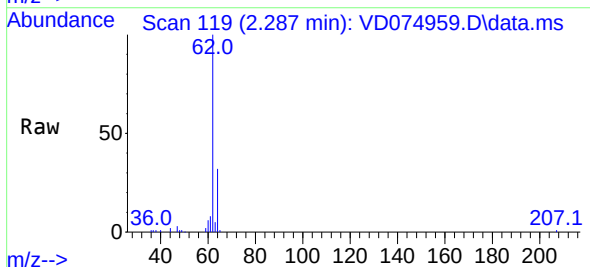
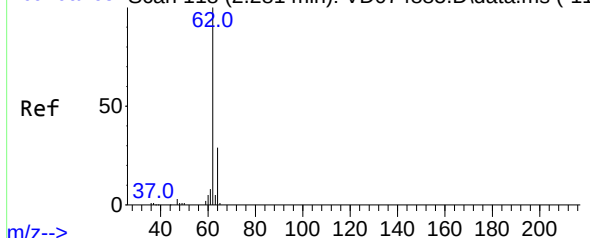
Ion Ratio Lower Upper

50 100

52 33.4 30.0 45.0



Abundance Scan 118 (2.281 min): VD074885.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 51.281 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.006 min

Lab File: VD074959.D

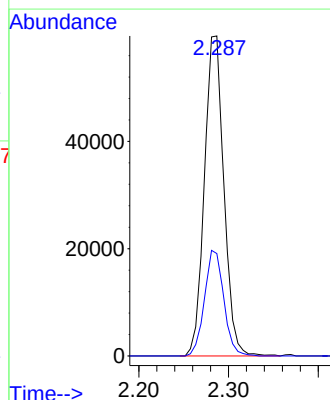
Acq: 16 Nov 2022 19:59

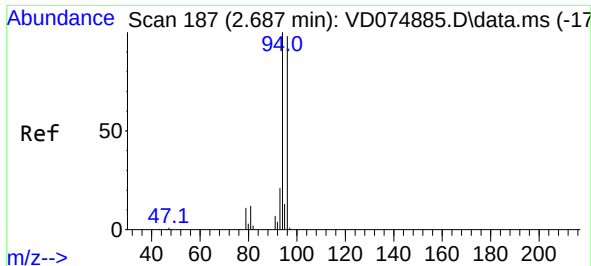
Tgt Ion: 62 Resp: 90045

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3

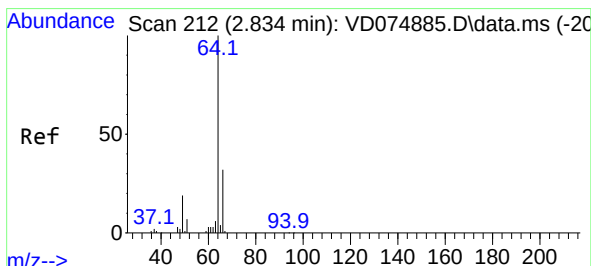
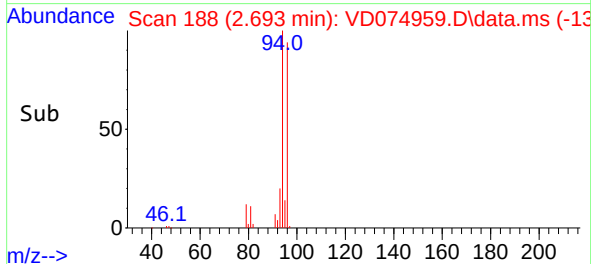
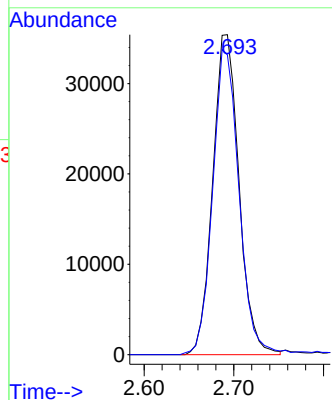
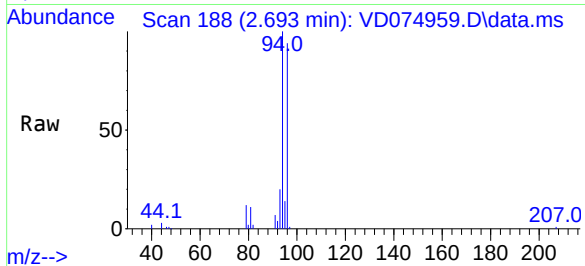




#5
Bromomethane
Concen: 54.664 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

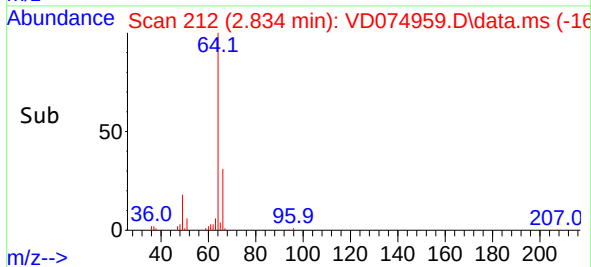
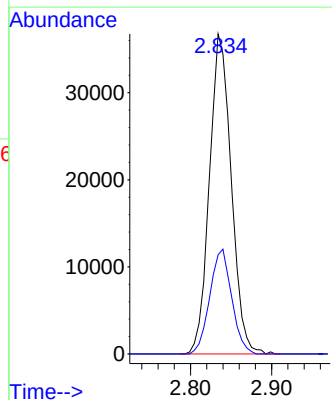
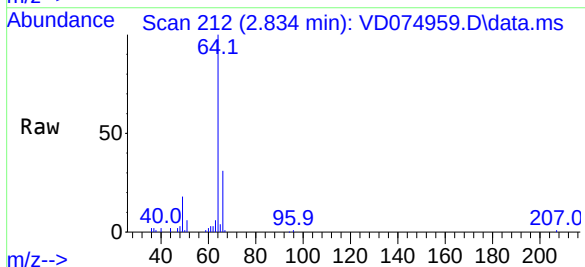
Instrument :
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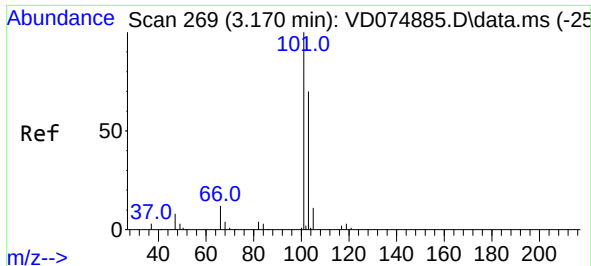
Tgt Ion: 94 Resp: 71960
Ion Ratio Lower Upper
94 100
96 93.7 74.6 112.0



#6
Chloroethane
Concen: 53.197 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 64 Resp: 68596
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.8

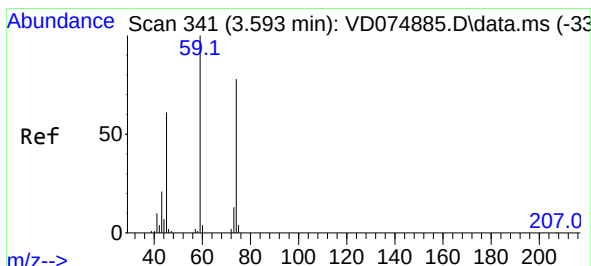
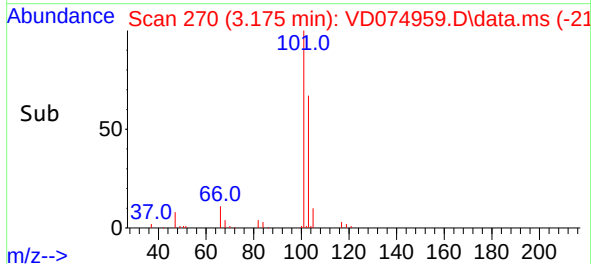
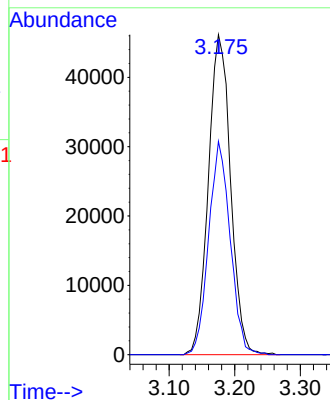
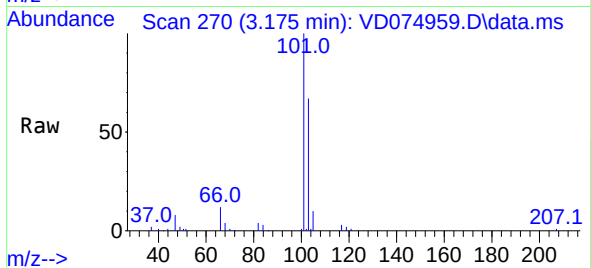




#7
Trichlorofluoromethane
Concen: 54.270 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

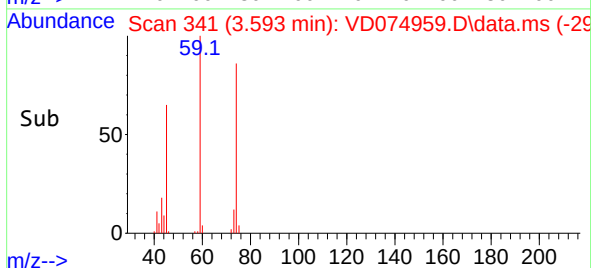
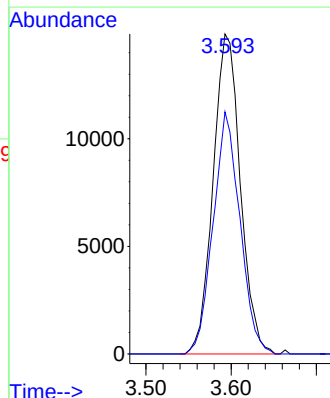
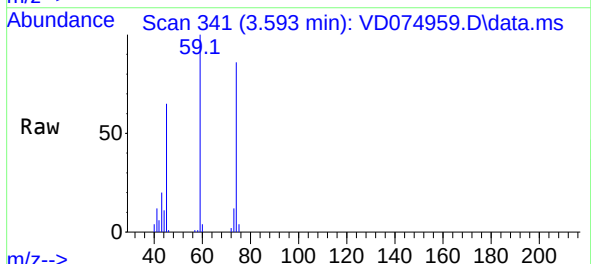
Instrument :
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VSTDCCC050EC

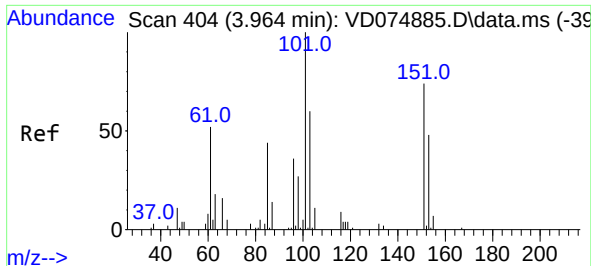
Tgt Ion:101 Resp: 108577
Ion Ratio Lower Upper
101 100
103 66.6 49.8 74.8



#8
Diethyl Ether
Concen: 57.639 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 74 Resp: 33063
Ion Ratio Lower Upper
74 100
45 74.5 37.9 113.6

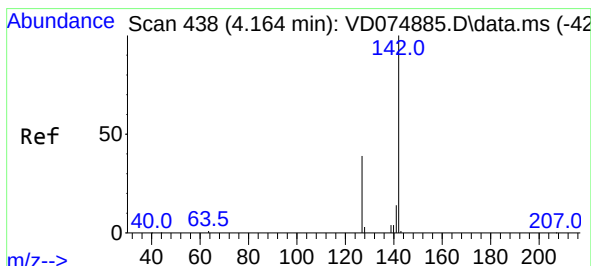
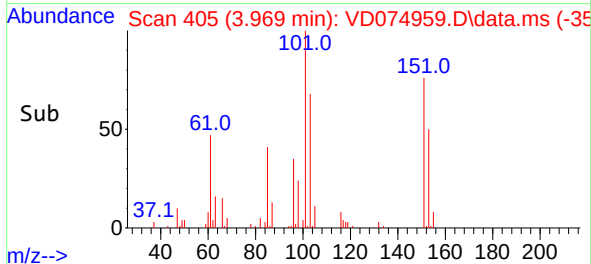
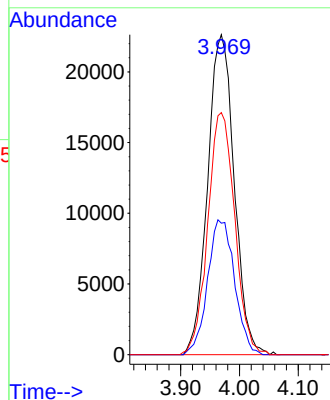
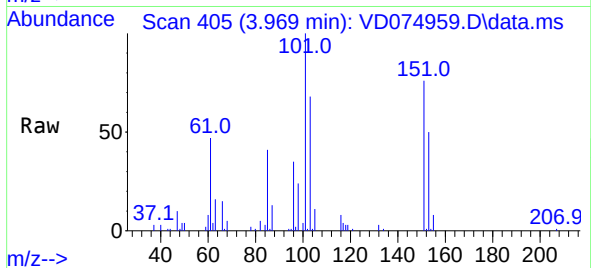




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.754 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

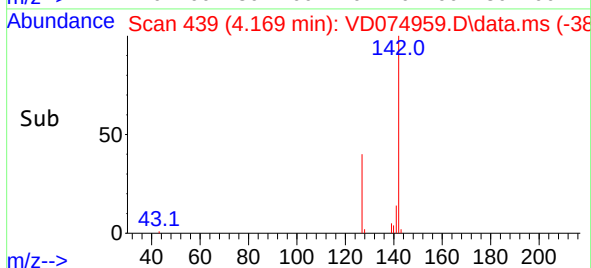
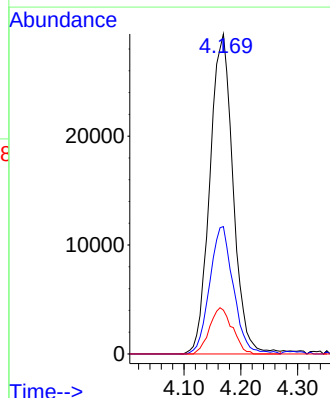
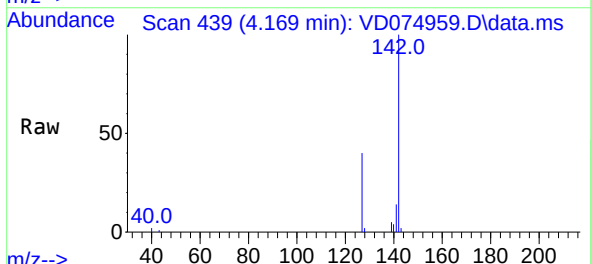
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

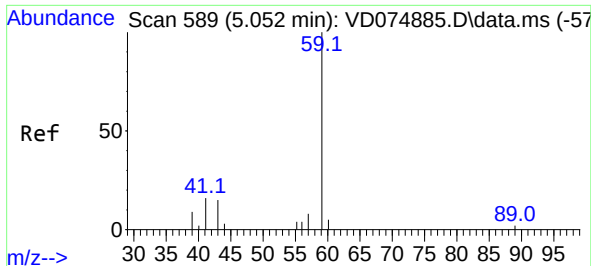
Tgt Ion:	101	Resp:	71183
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.1	51.1
151	76.7	61.7	92.5



#10
Methyl Iodide
Concen: 54.392 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:	142	Resp:	83288
Ion	Ratio	Lower	Upper
142	100		
127	40.8	31.9	47.9
141	14.2	11.4	17.2

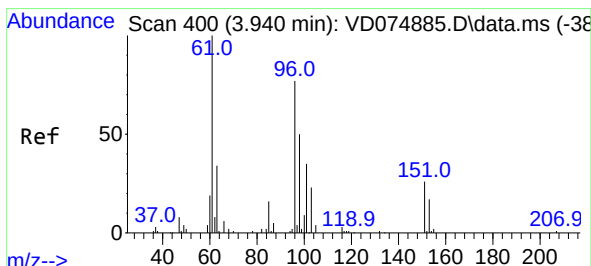
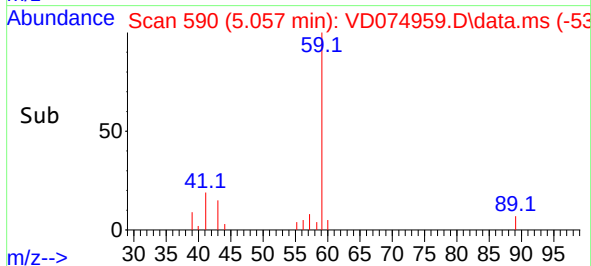
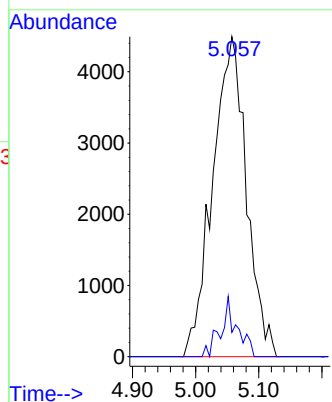
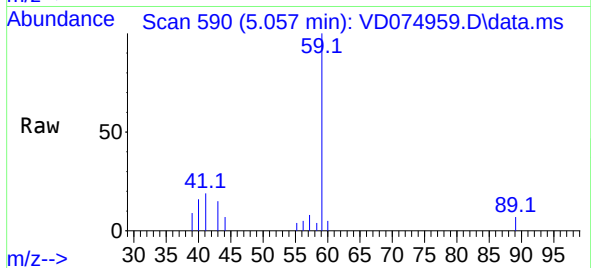




#11
Tert butyl alcohol
Concen: 278.450 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

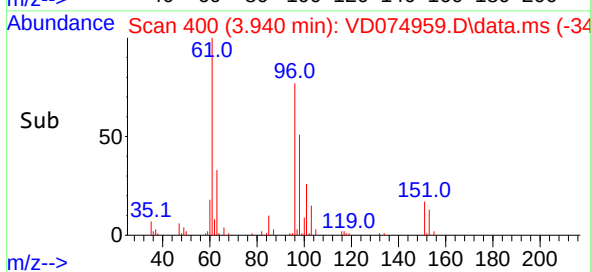
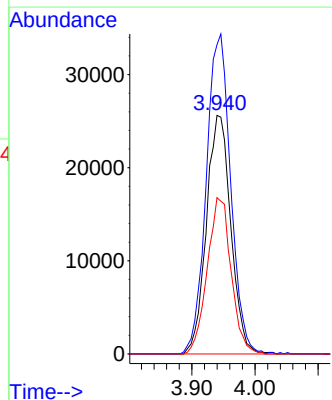
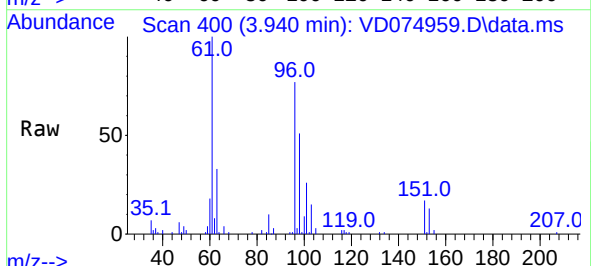
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

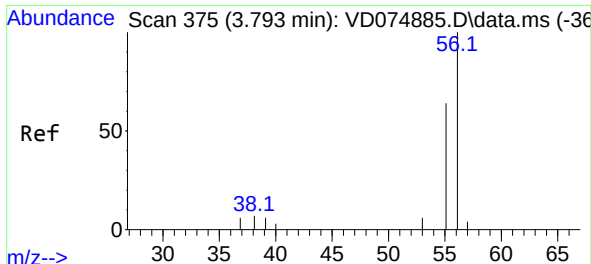
Tgt Ion: 59 Resp: 16700
Ion Ratio Lower Upper
59 100
57 9.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 55.407 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 96 Resp: 68906
Ion Ratio Lower Upper
96 100
61 129.7 113.9 170.9
98 65.6 51.8 77.8

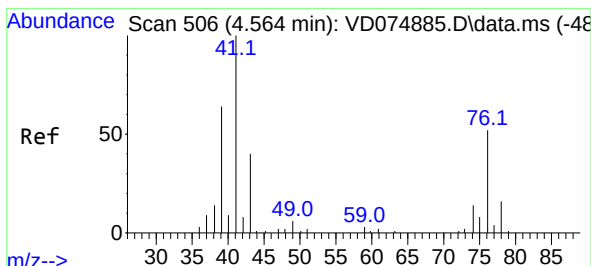
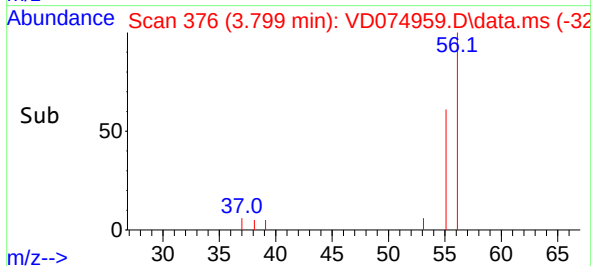
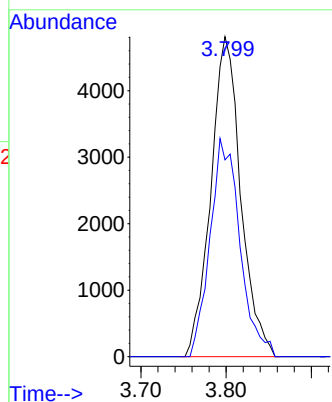
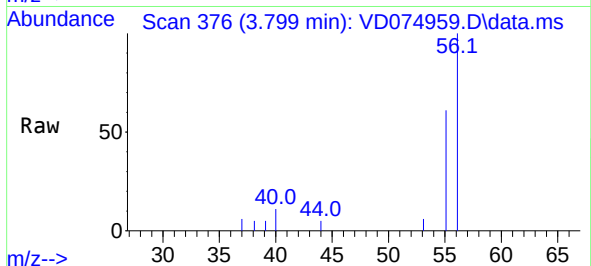




#13
Acrolein
Concen: 348.871 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

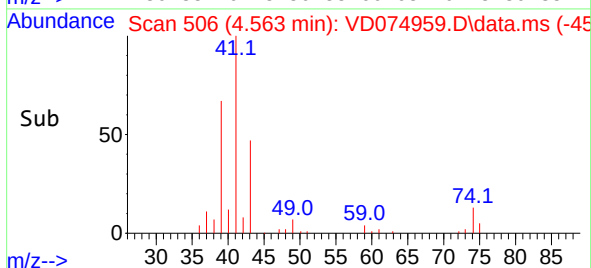
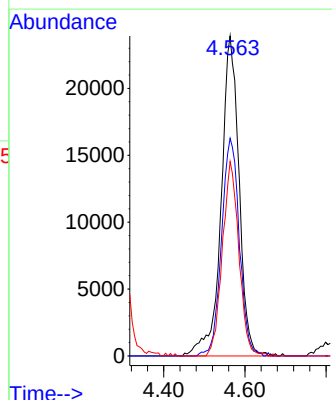
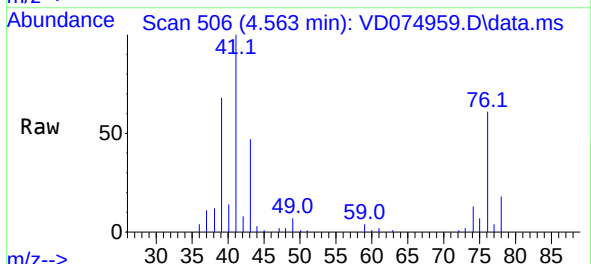
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

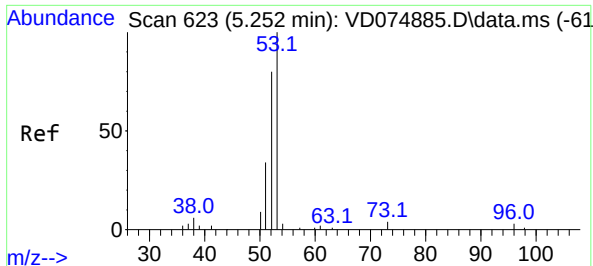
Tgt Ion: 56 Resp: 11764
Ion Ratio Lower Upper
56 100
55 67.8 54.0 81.0



#14
Allyl chloride
Concen: 55.149 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 41 Resp: 73361
Ion Ratio Lower Upper
41 100
39 67.6 53.4 80.2
76 55.9 42.4 63.6

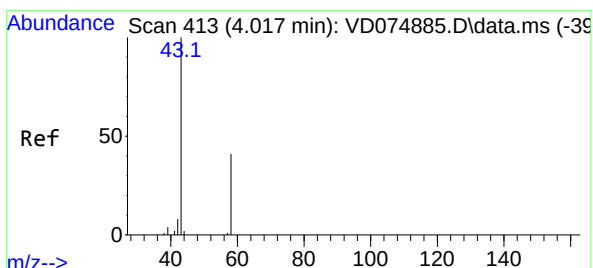
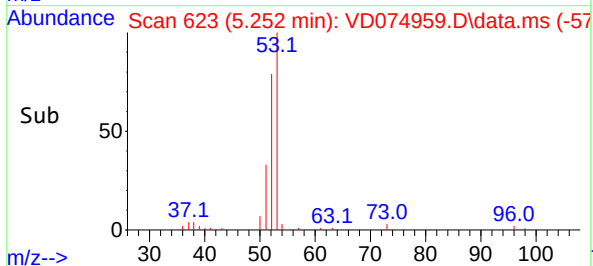
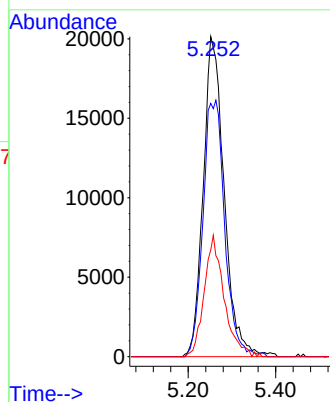
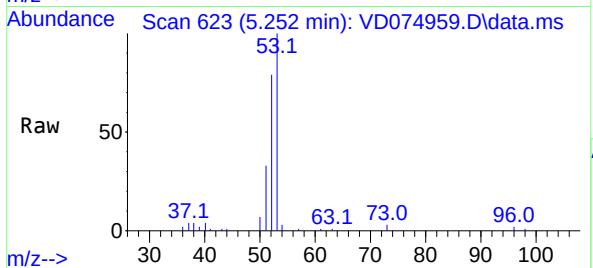




#15
Acrylonitrile
Concen: 299.717 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

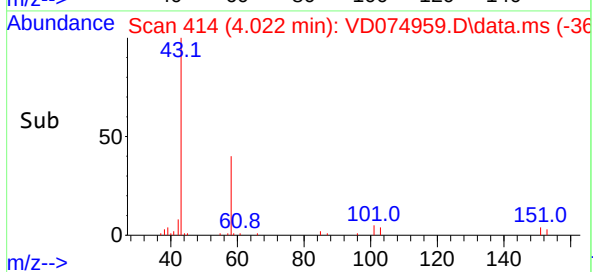
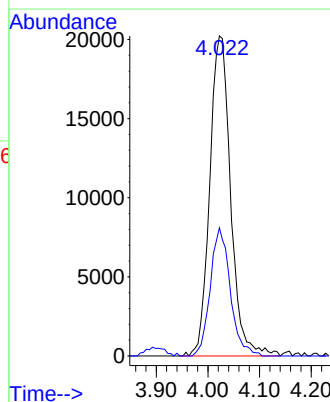
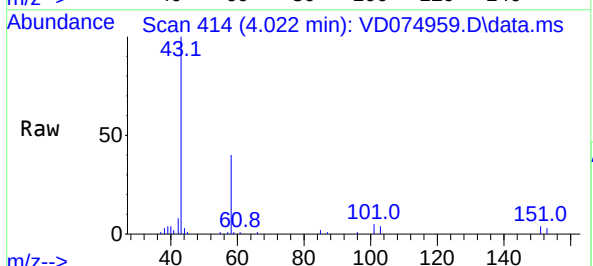
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

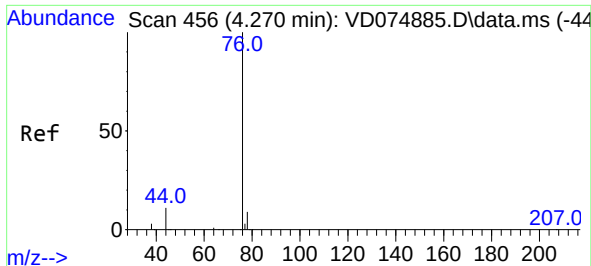
Tgt Ion:	53	Resp:	67186
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.0	99.0
51	35.8	28.3	42.5



#16
Acetone
Concen: 274.890 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:	43	Resp:	56828
Ion	Ratio	Lower	Upper
43	100		
58	40.1	30.2	45.2

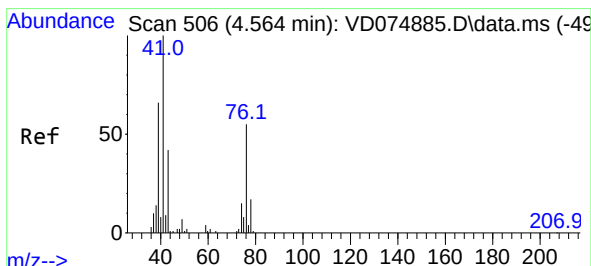
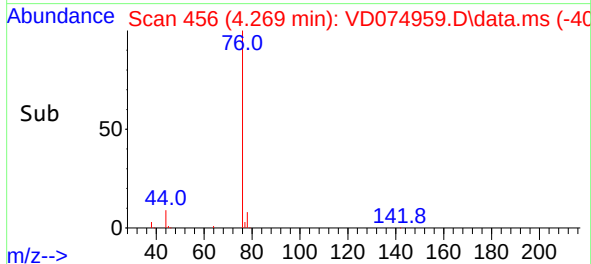
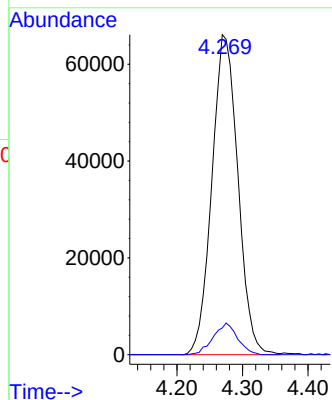
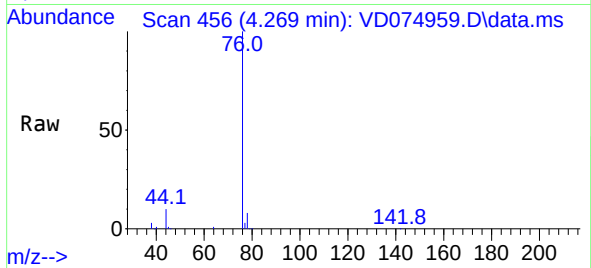




#17
Carbon Disulfide
Concen: 51.460 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

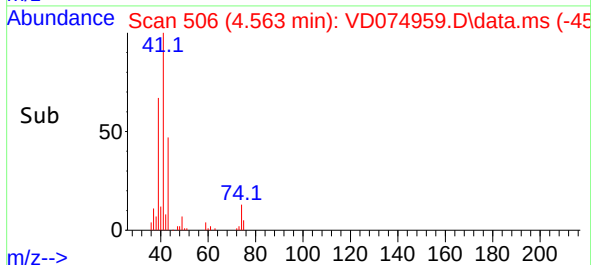
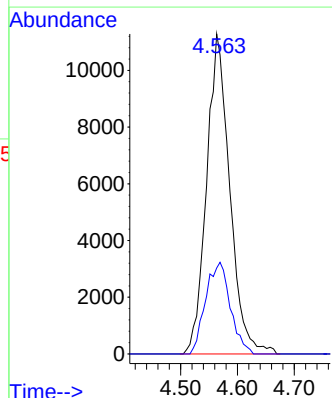
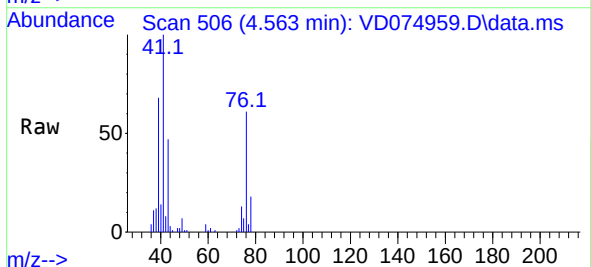
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

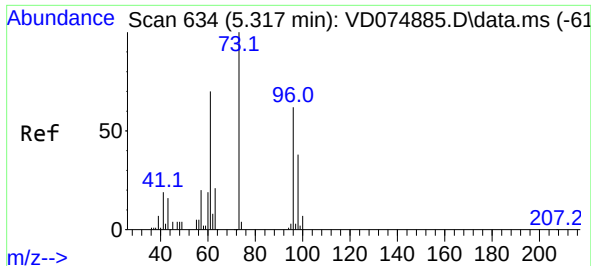
Tgt Ion: 76 Resp: 182055
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8



#18
Methyl Acetate
Concen: 59.699 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 43 Resp: 31996
Ion Ratio Lower Upper
43 100
74 30.5 24.7 37.1

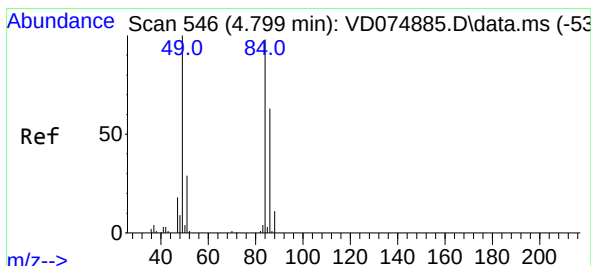
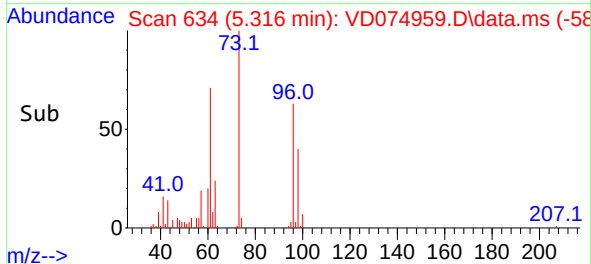
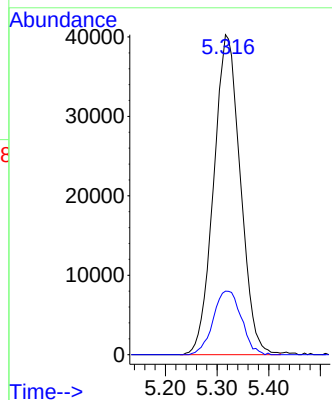
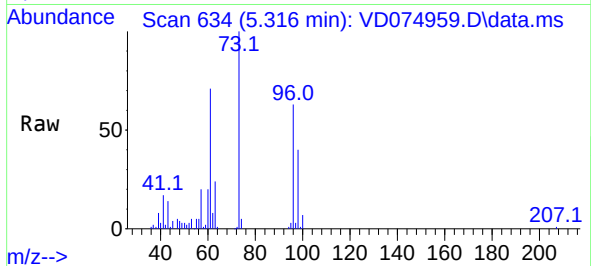




#19
Methyl tert-butyl Ether
Concen: 58.020 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

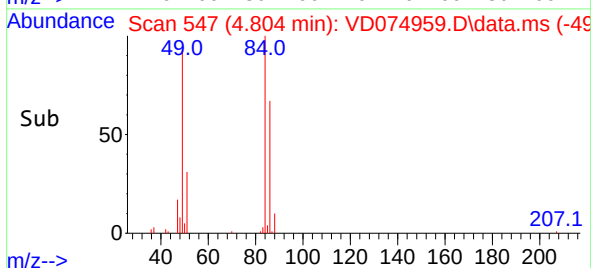
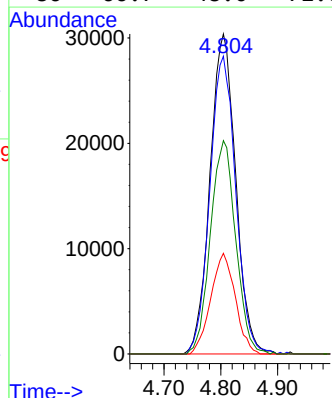
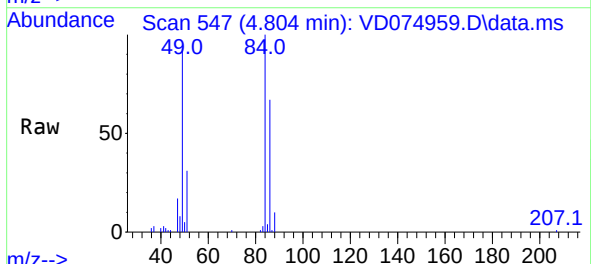
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

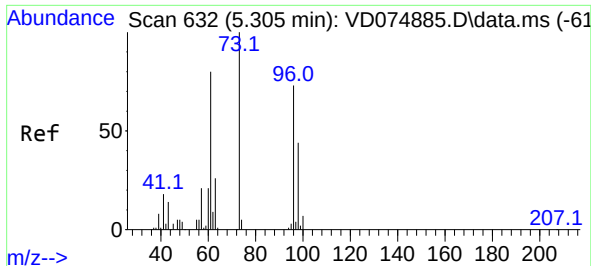
Tgt Ion: 73 Resp: 144459
Ion Ratio Lower Upper
73 100
57 19.9 16.1 24.1



#20
Methylene Chloride
Concen: 55.843 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 84 Resp: 95294
Ion Ratio Lower Upper
84 100
49 93.0 68.0 102.0
51 31.5 23.2 34.8
86 66.7 48.0 72.0

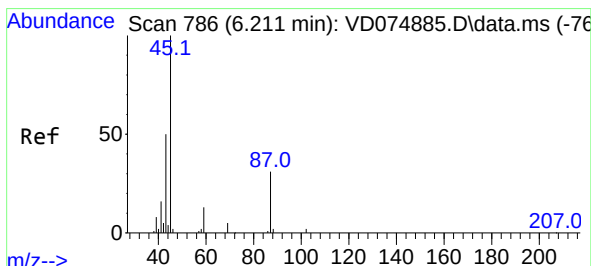
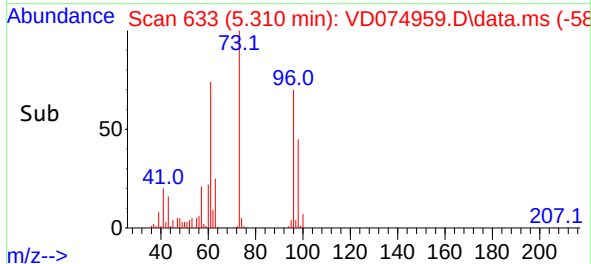
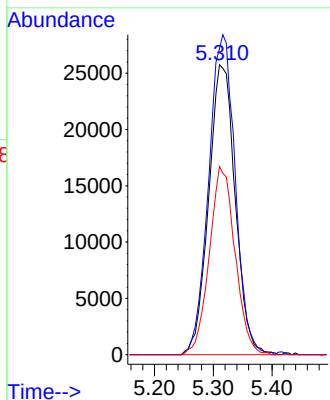
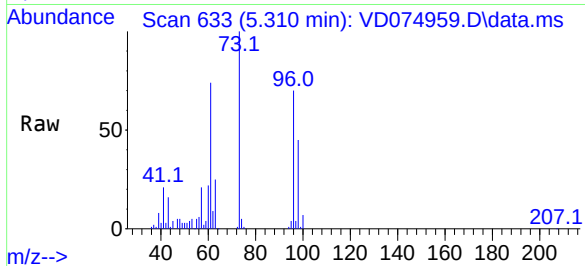




#21
trans-1,2-Dichloroethene
Concen: 57.293 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

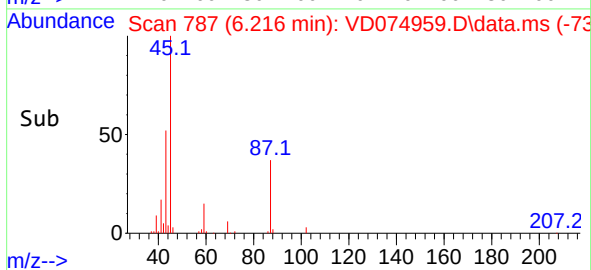
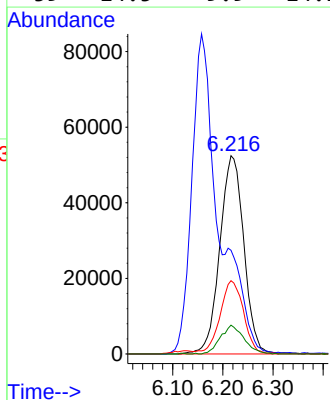
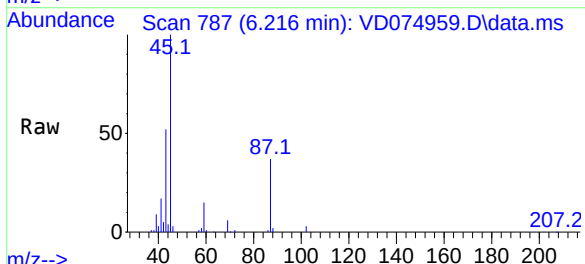
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

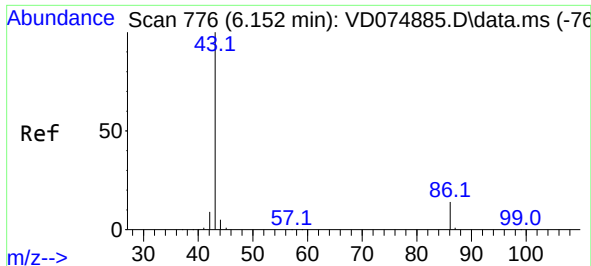
Tgt Ion: 96 Resp: 80799
Ion Ratio Lower Upper
96 100
61 105.6 95.7 143.5
98 64.9 54.8 82.2



#22
Diisopropyl ether
Concen: 58.960 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 45 Resp: 174812
Ion Ratio Lower Upper
45 100
43 51.4 37.8 56.6
87 37.0 26.6 40.0
59 14.5 9.9 14.9

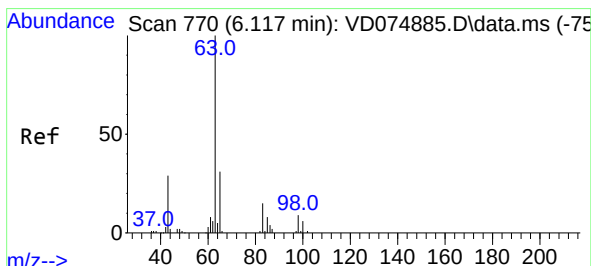
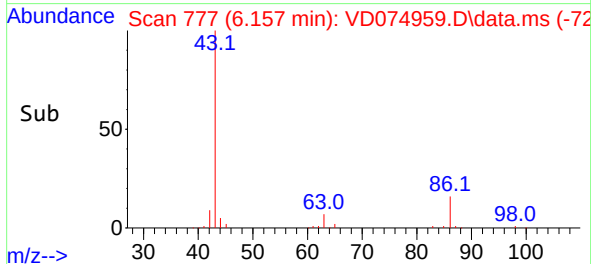
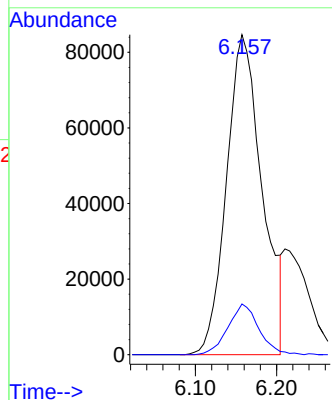
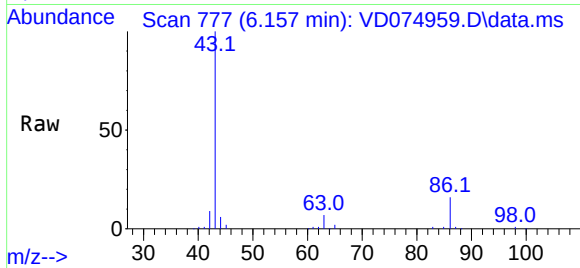




#23
 Vinyl Acetate
 Concen: 203.047 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD074959.D
 Acq: 16 Nov 2022 19:59

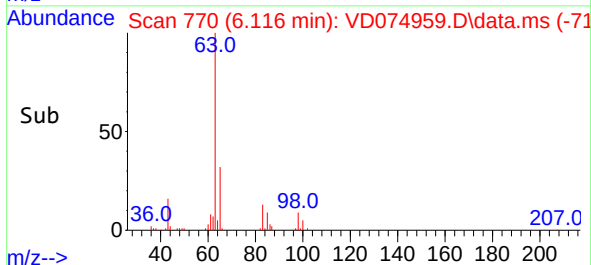
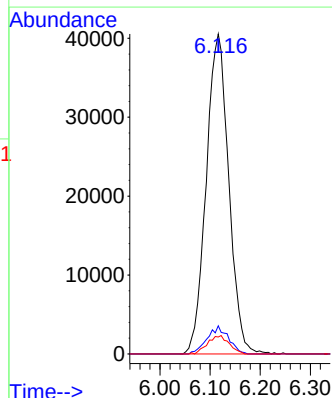
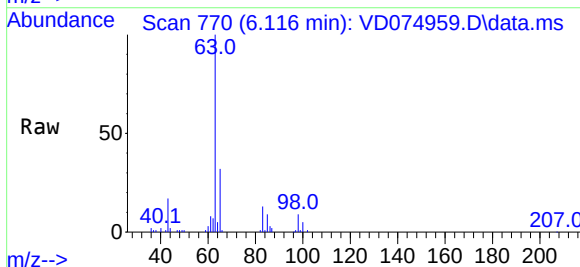
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

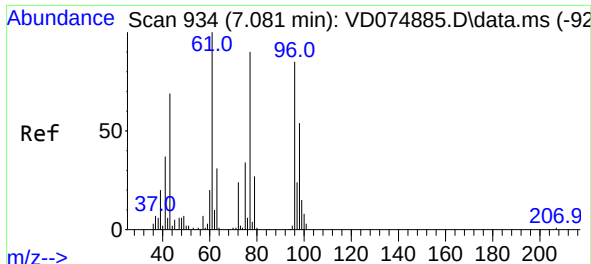
Tgt Ion: 43 Resp: 258385
 Ion Ratio Lower Upper
 43 100
 86 15.9 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 57.202 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD074959.D
 Acq: 16 Nov 2022 19:59

Tgt Ion: 63 Resp: 126656
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.6 13.8
 100 5.3 2.9 8.6





#25

2-Butanone

Concen: 248.402 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

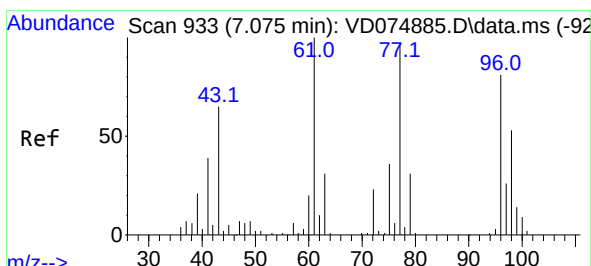
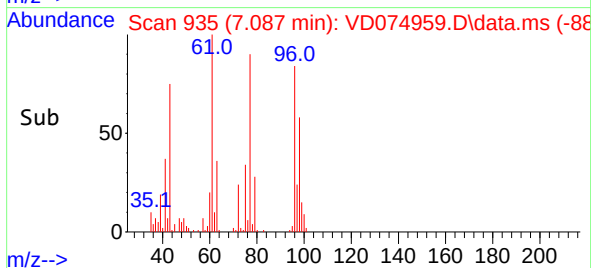
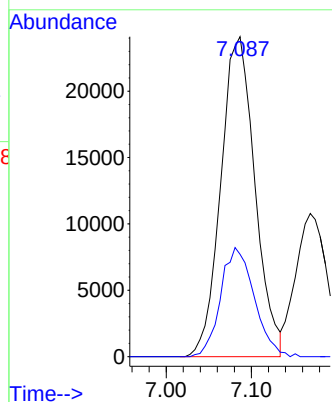
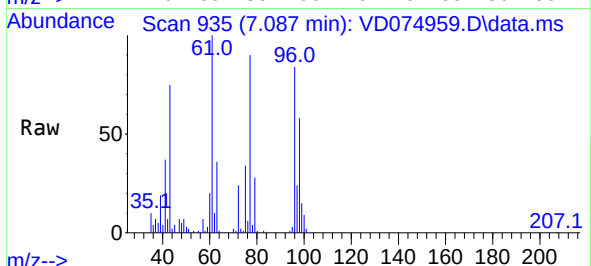
VSTDCCC050EC

Tgt Ion: 43 Resp: 67152

Ion Ratio Lower Upper

43 100

72 32.0 25.8 38.8



#26

2,2-Dichloropropane

Concen: 46.120 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD074959.D

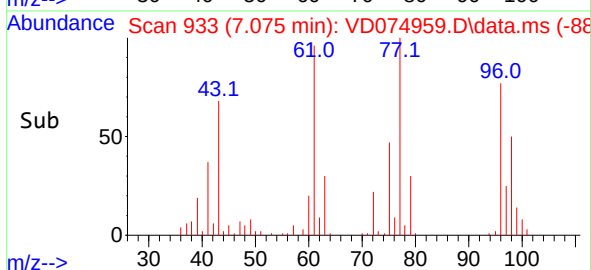
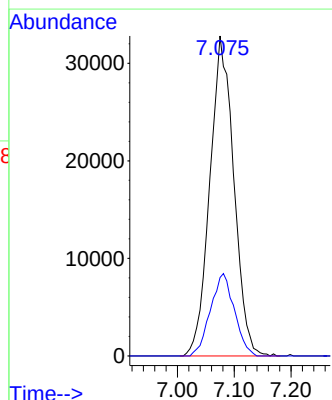
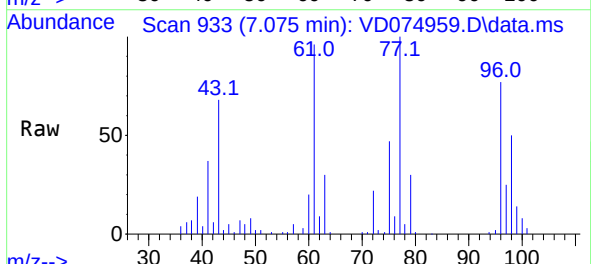
Acq: 16 Nov 2022 19:59

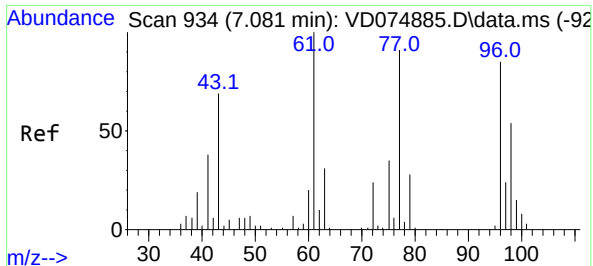
Tgt Ion: 77 Resp: 95966

Ion Ratio Lower Upper

77 100

97 25.7 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 49.259 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

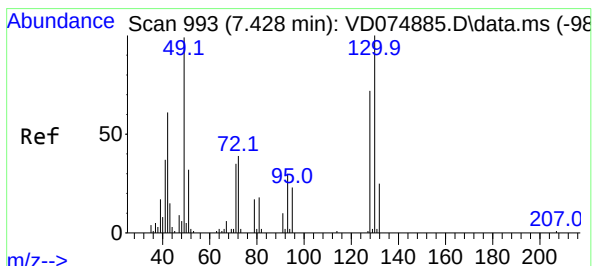
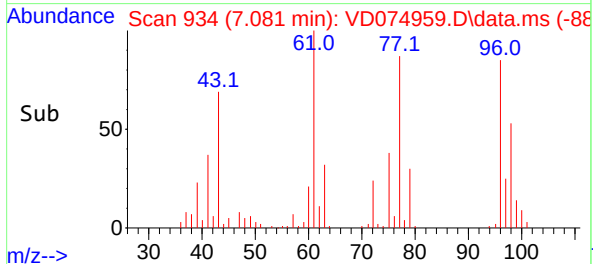
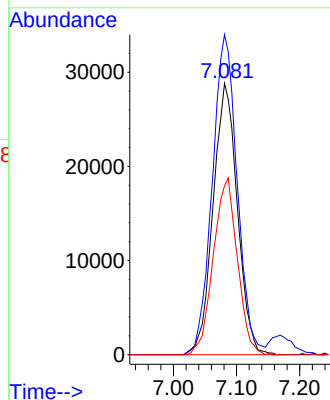
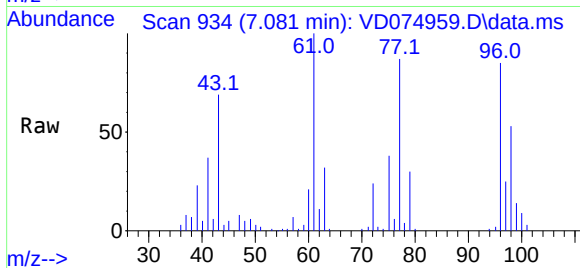
Tgt Ion: 96 Resp: 77069

Ion Ratio Lower Upper

96 100

61 121.1 0.0 242.4

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 52.535 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

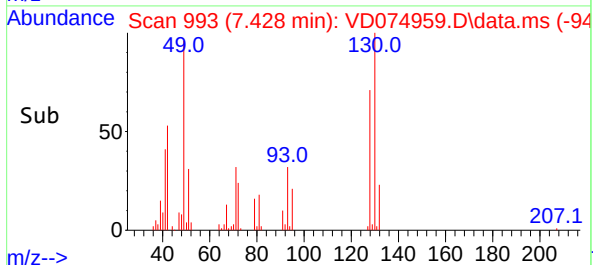
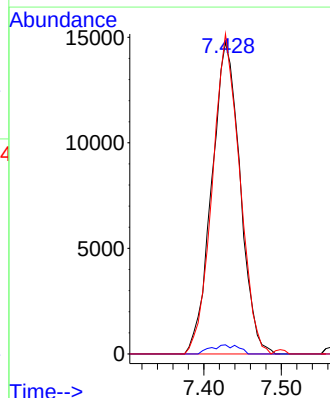
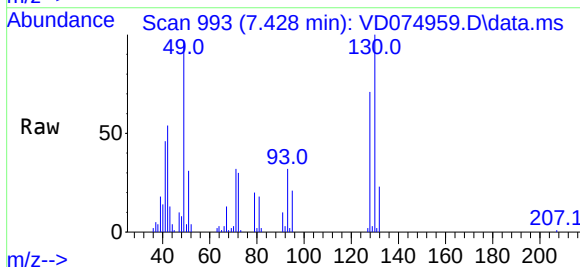
Tgt Ion: 49 Resp: 37527

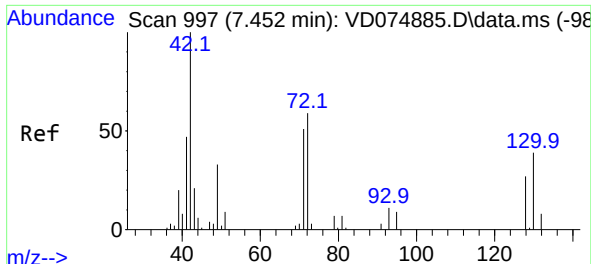
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 98.8 84.1 126.1

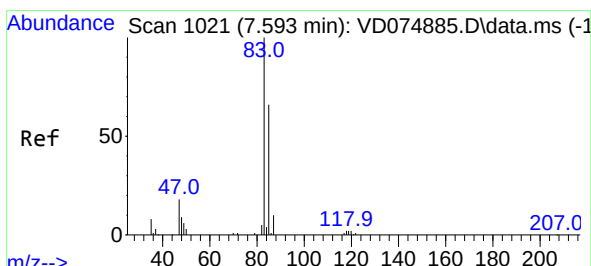
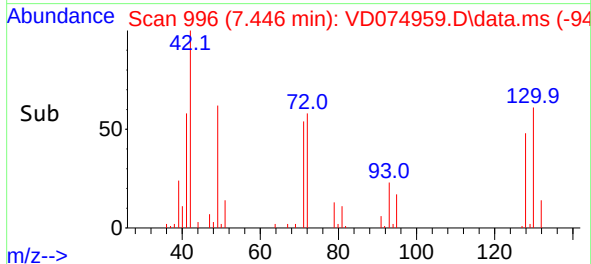
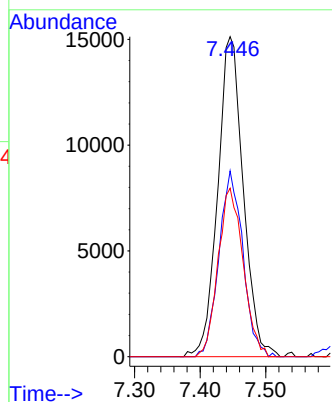
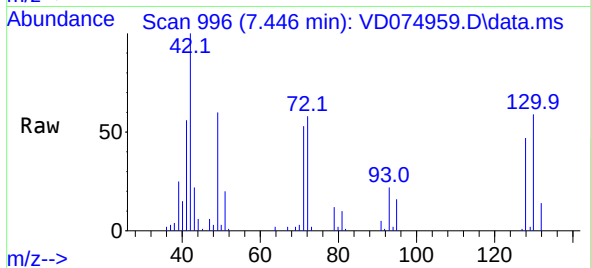




#29
Tetrahydrofuran
Concen: 273.287 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

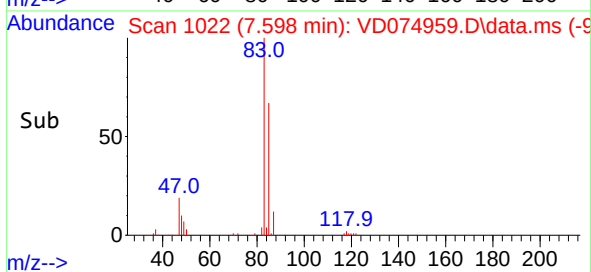
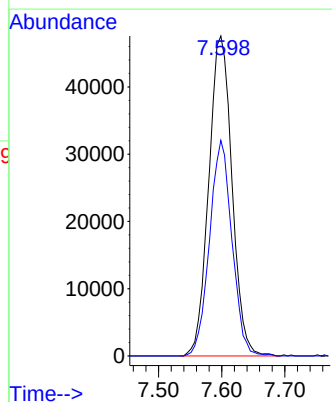
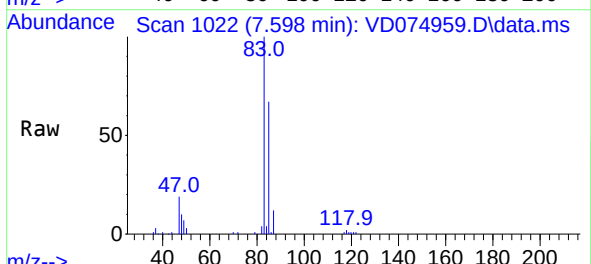
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

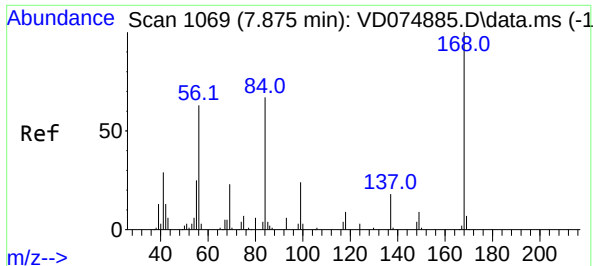
Tgt Ion:	42	Resp:	40894
Ion	Ratio	Lower	Upper
42	100		
72	54.3	45.8	68.6
71	51.7	44.6	66.8



#30
Chloroform
Concen: 50.099 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:	83	Resp:	121483
Ion	Ratio	Lower	Upper
83	100		
85	67.3	52.0	78.0





#31

Cyclohexane

Concen: 46.358 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

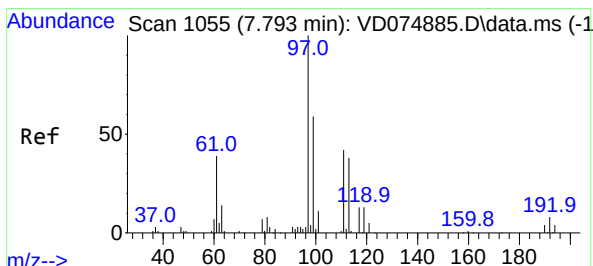
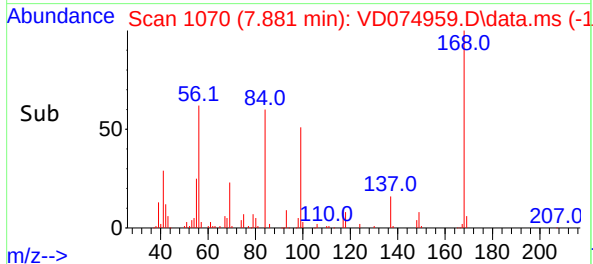
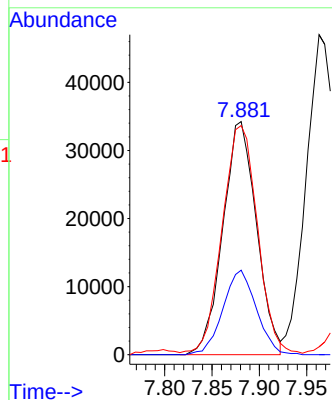
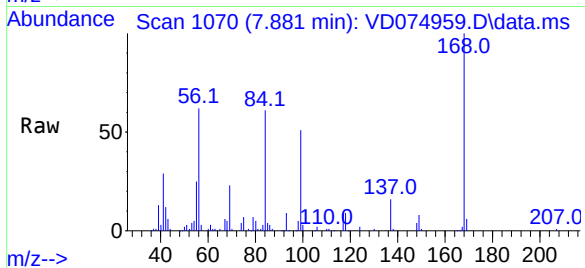
Tgt Ion: 56 Resp: 84636

Ion Ratio Lower Upper

56 100

69 36.3 29.2 43.8

84 97.4 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 49.747 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

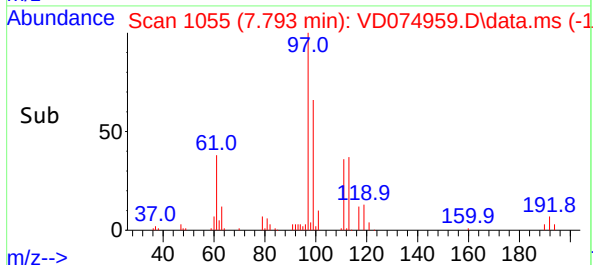
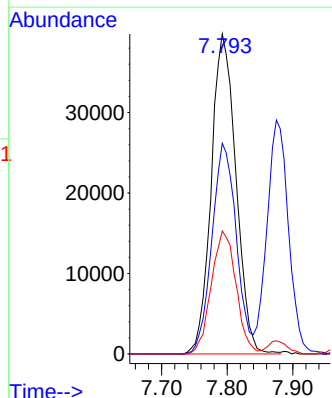
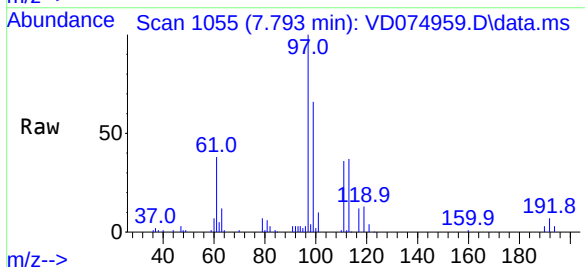
Tgt Ion: 97 Resp: 103961

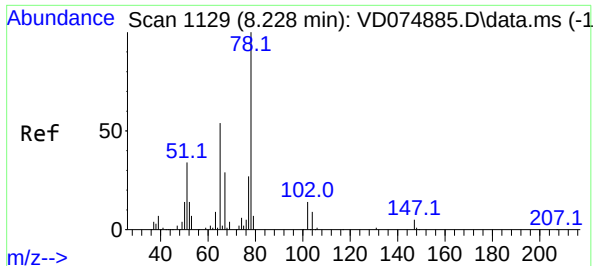
Ion Ratio Lower Upper

97 100

99 65.2 53.3 79.9

61 38.4 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 55.159 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

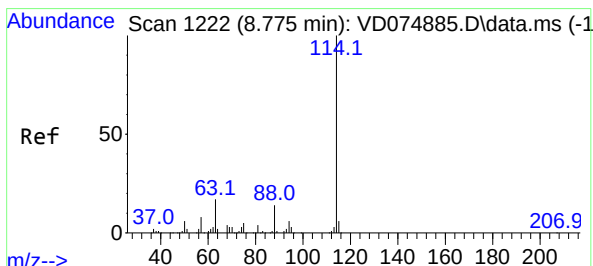
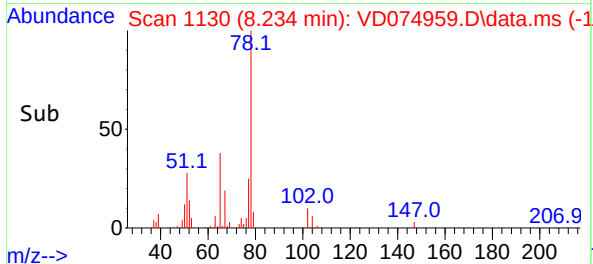
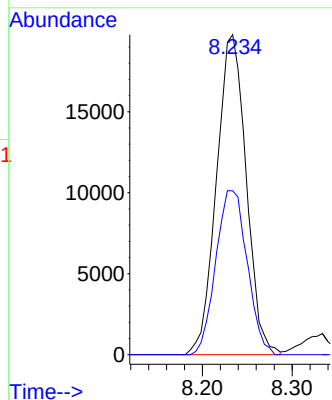
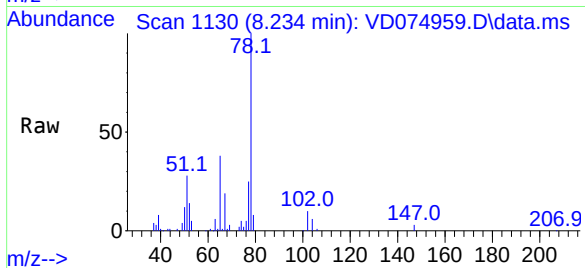
VSTDCCC050EC

Tgt Ion: 65 Resp: 45389

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

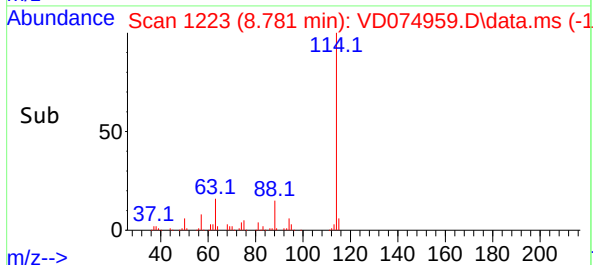
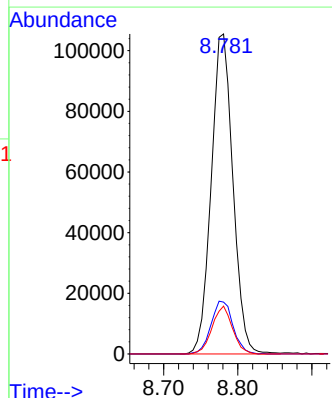
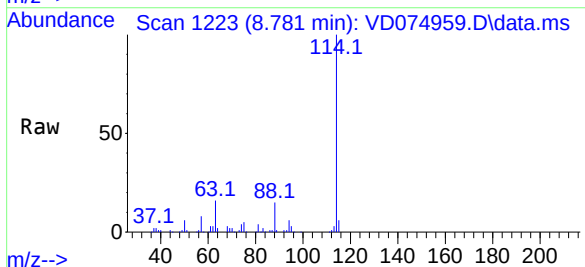
Tgt Ion: 114 Resp: 214693

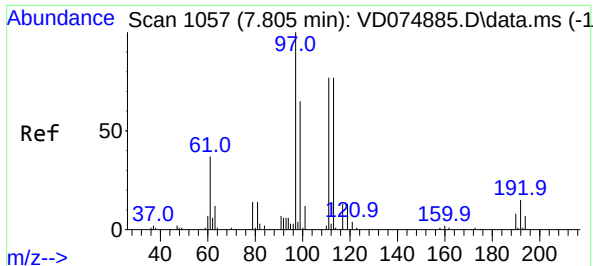
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 14.9 0.0 28.2

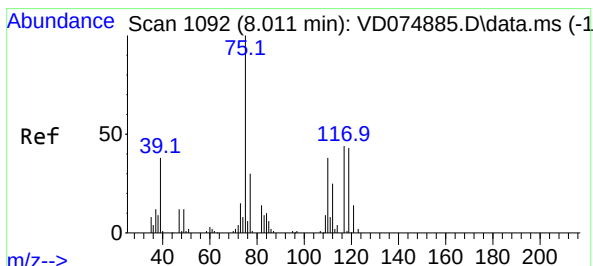
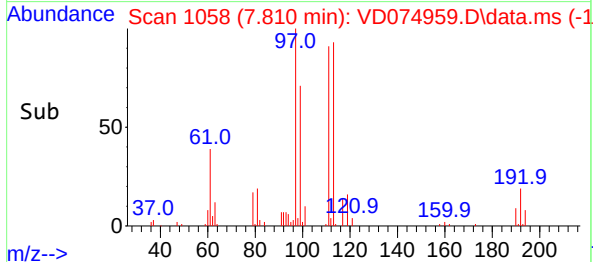
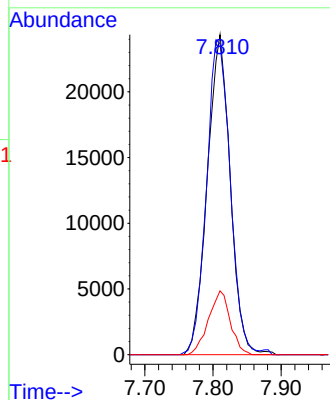
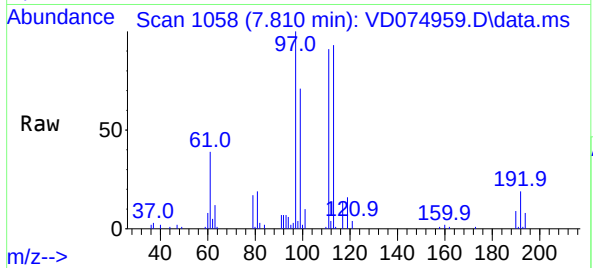




#35
Dibromofluoromethane
Concen: 43.131 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

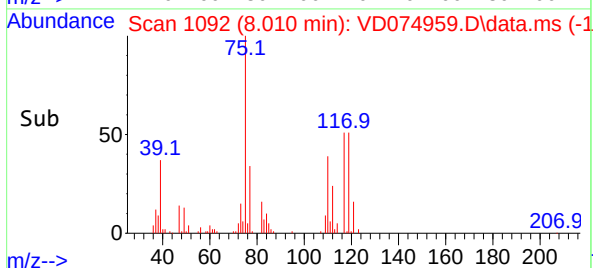
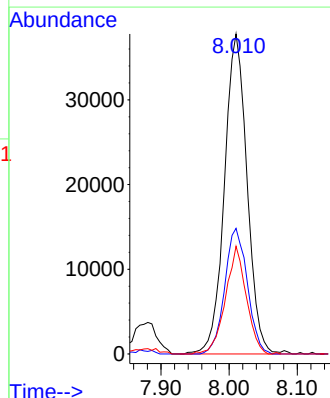
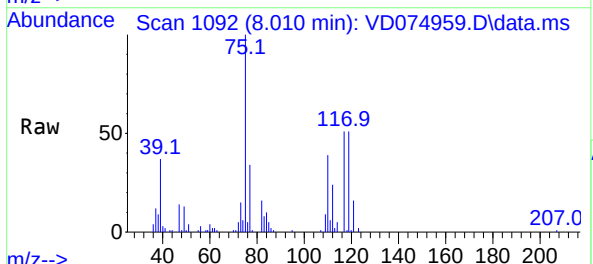
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

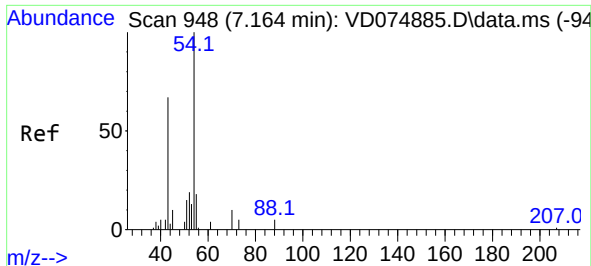
Tgt Ion:113 Resp: 57081
Ion Ratio Lower Upper
113 100
111 101.8 82.3 123.5
192 18.9 16.4 24.6



#36
1,1-Dichloropropene
Concen: 44.815 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 75 Resp: 87167
Ion Ratio Lower Upper
75 100
110 39.2 19.7 59.0
77 31.0 25.4 38.2



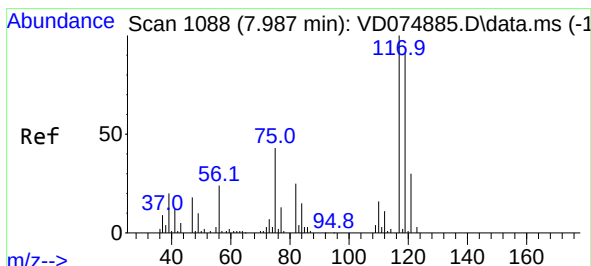
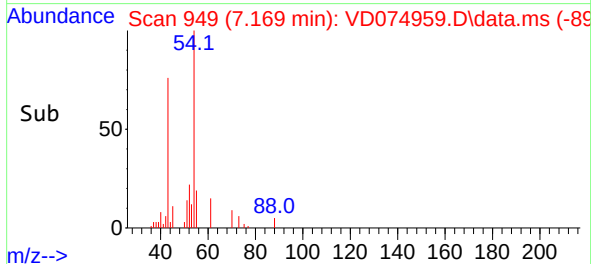
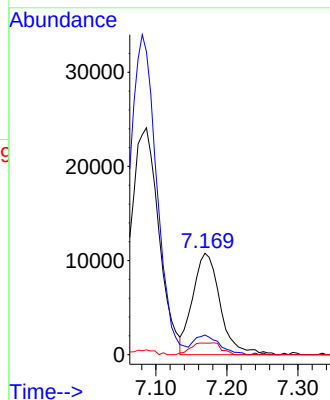
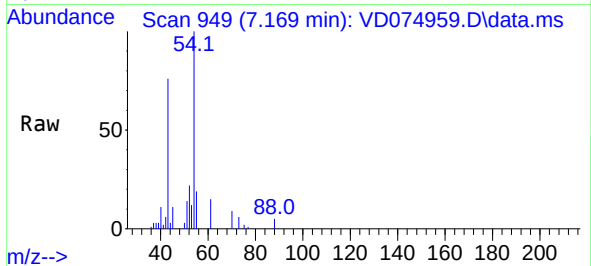


#37
Ethyl Acetate
Concen: 44.509 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 29049

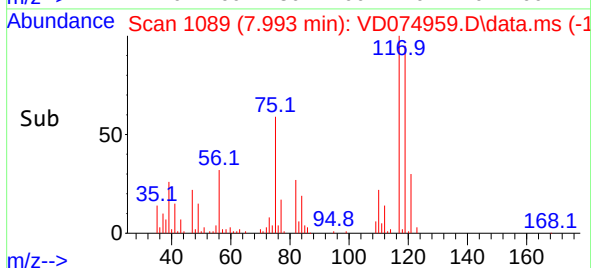
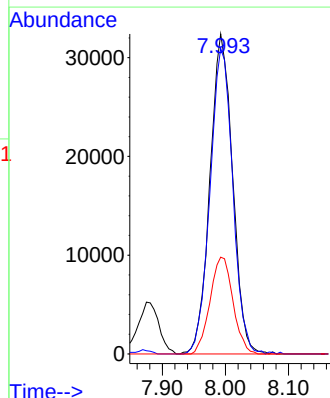
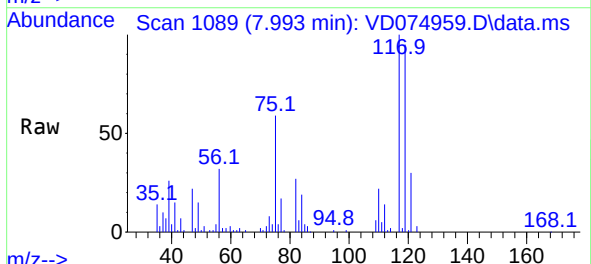
Ion	Ratio	Lower	Upper
43	100		
61	17.7	12.2	18.4
70	12.6	9.6	14.4

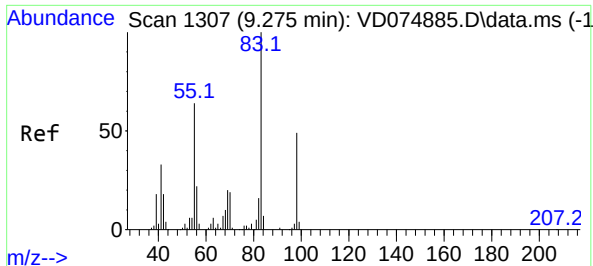


#38
Carbon Tetrachloride
Concen: 43.970 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 117 Resp: 80503

Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.1	109.7
121	30.3	25.0	37.6

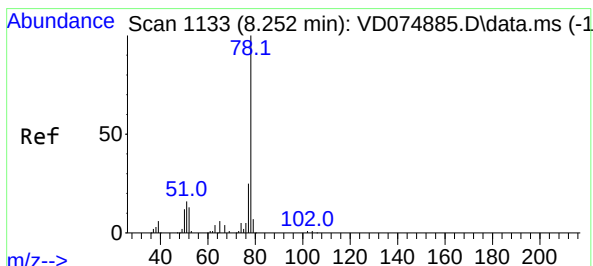
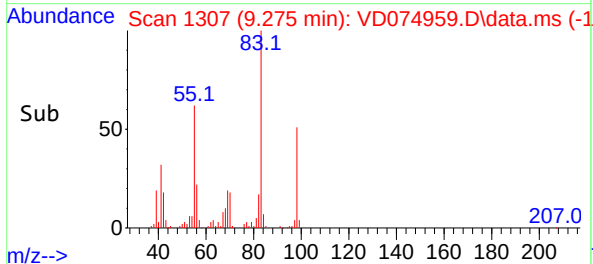
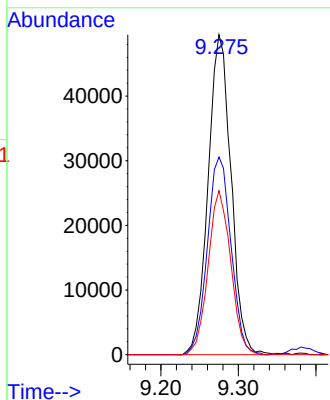
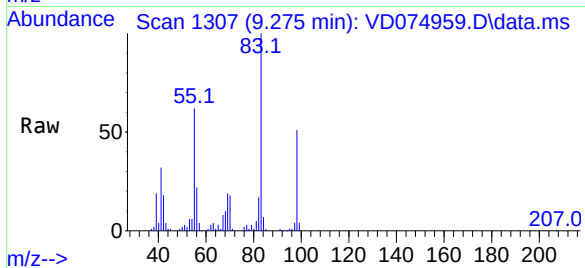




#39
Methylcyclohexane
Concen: 48.994 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

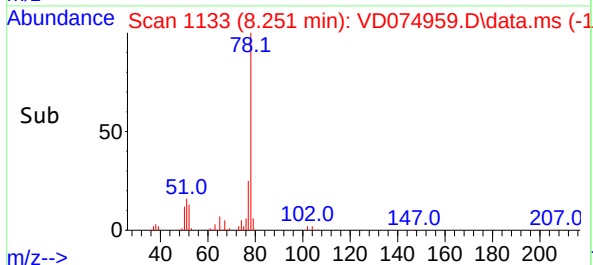
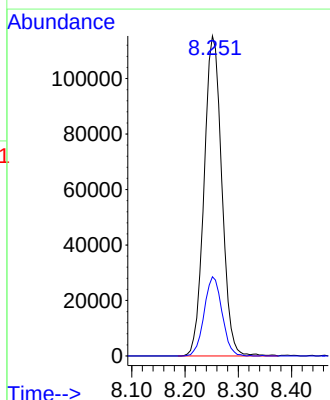
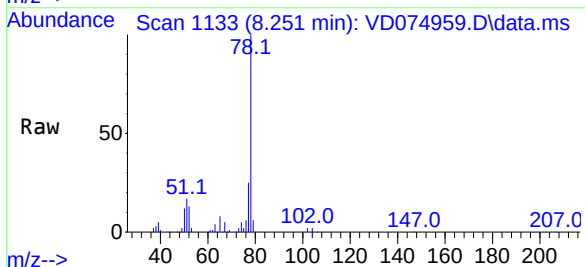
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

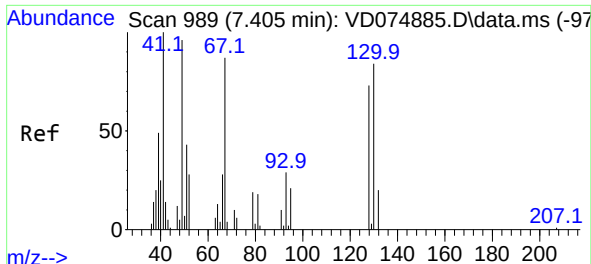
Tgt Ion: 83 Resp: 102088
Ion Ratio Lower Upper
83 100
55 61.7 49.0 73.4
98 51.2 41.7 62.5



#40
Benzene
Concen: 47.578 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 78 Resp: 266095
Ion Ratio Lower Upper
78 100
77 24.8 20.1 30.1

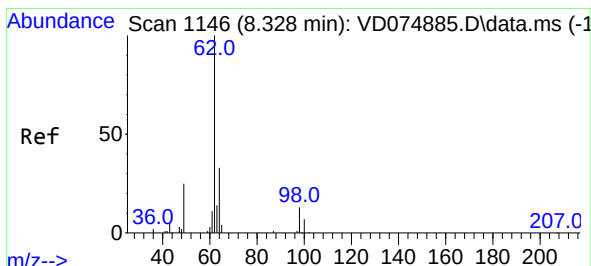
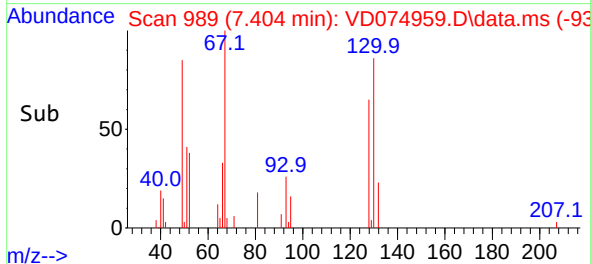
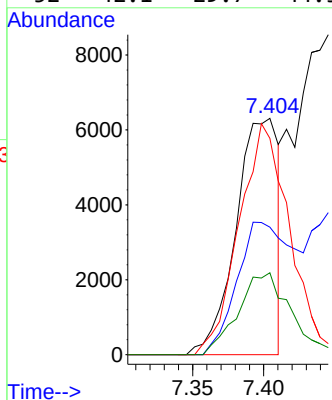
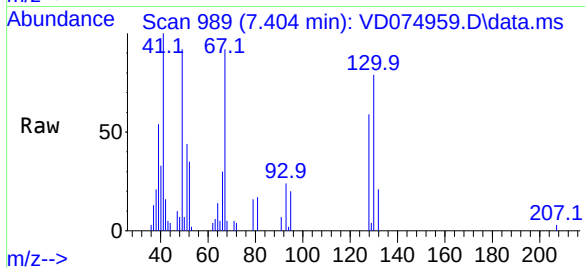




#41
Methacrylonitrile
Concen: 38.061 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

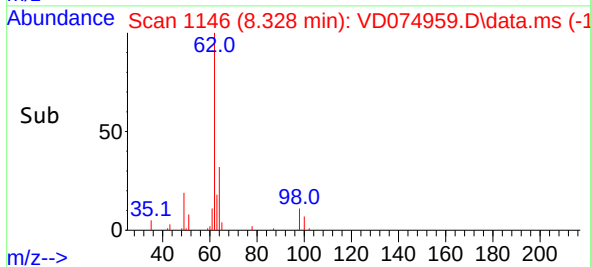
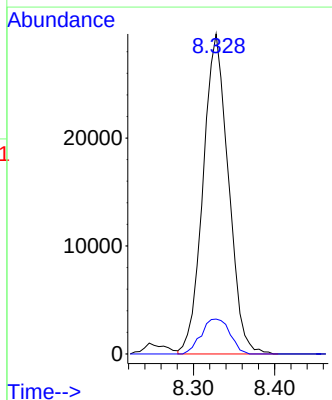
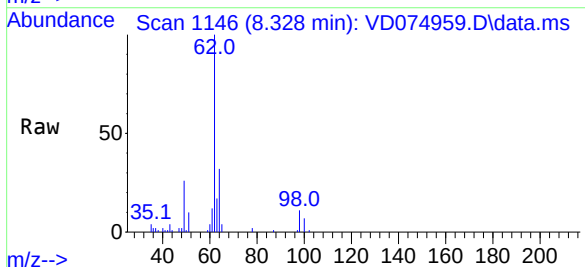
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

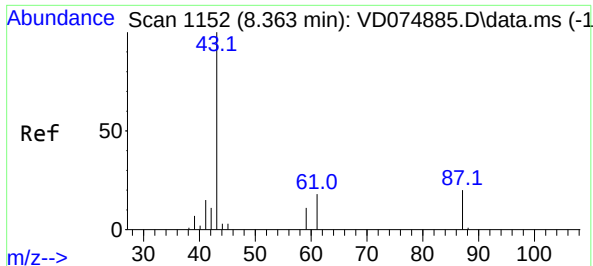
Tgt Ion:	41	Resp:	13175
Ion	Ratio	Lower	Upper
41	100		
39	76.7	35.0	52.6#
67	115.8	77.0	115.6#
52	42.1	29.7	44.5



#42
1,2-Dichloroethane
Concen: 47.976 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:	62	Resp:	64214
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	24.2





#43

Isopropyl Acetate

Concen: 47.731 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

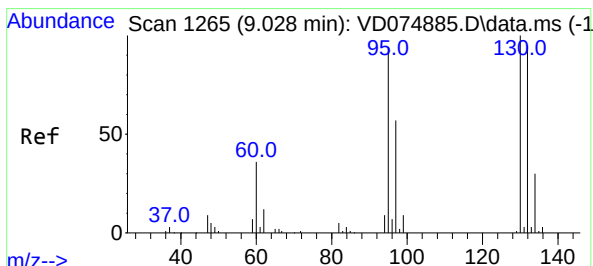
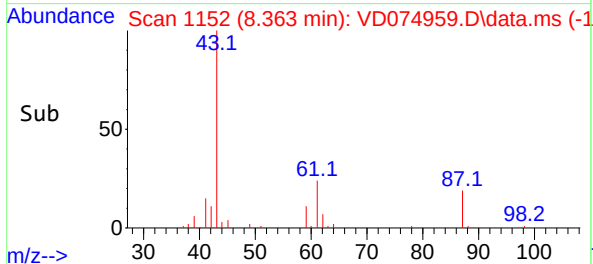
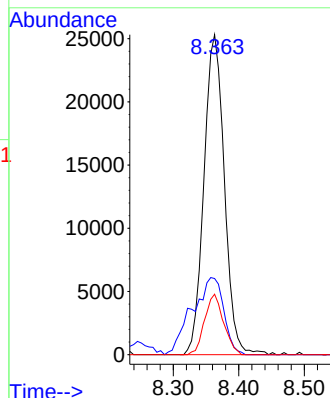
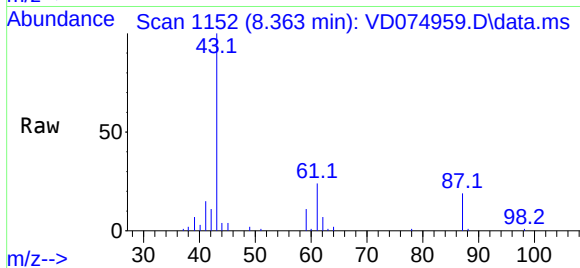
Tgt Ion: 43 Resp: 54868

Ion Ratio Lower Upper

43 100

61 37.2 30.9 46.3

87 17.6 14.3 21.5



#44

Trichloroethene

Concen: 50.027 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074959.D

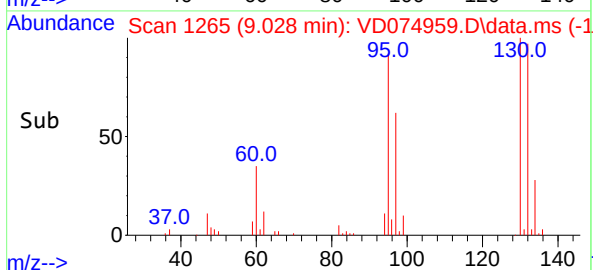
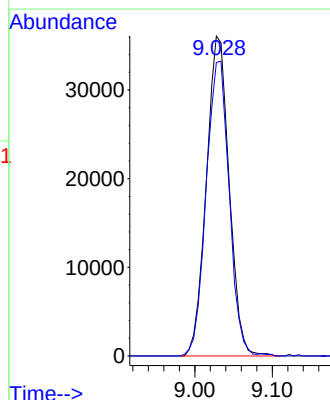
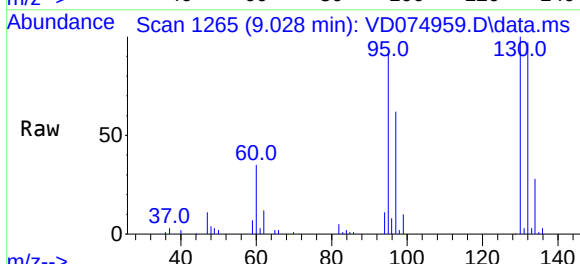
Acq: 16 Nov 2022 19:59

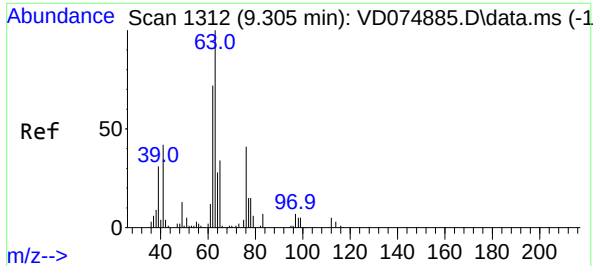
Tgt Ion: 130 Resp: 73919

Ion Ratio Lower Upper

130 100

95 91.7 0.0 185.4

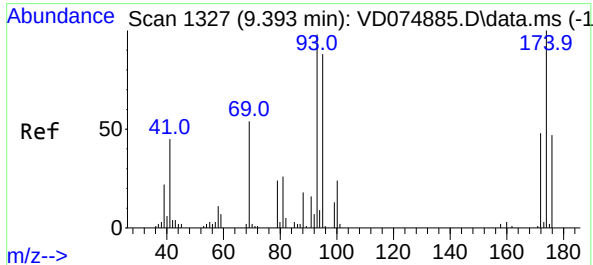
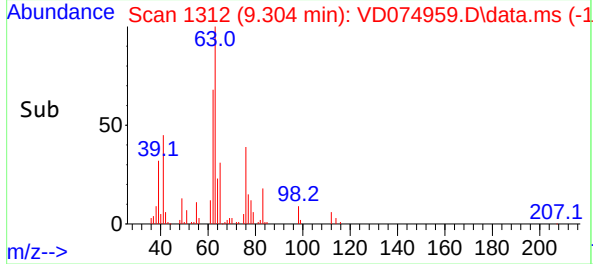
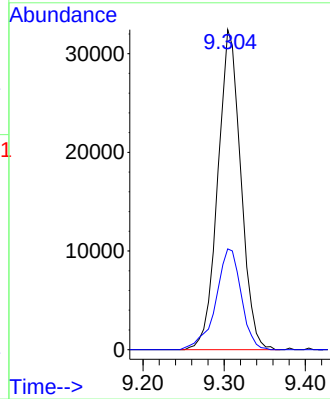
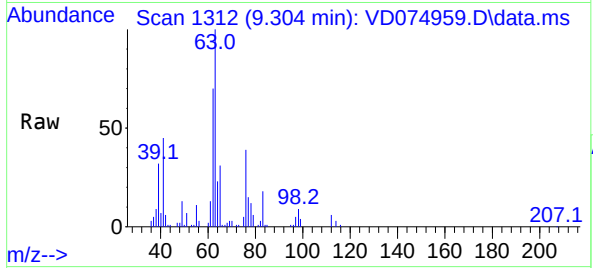




#45
1,2-Dichloropropane
Concen: 50.848 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

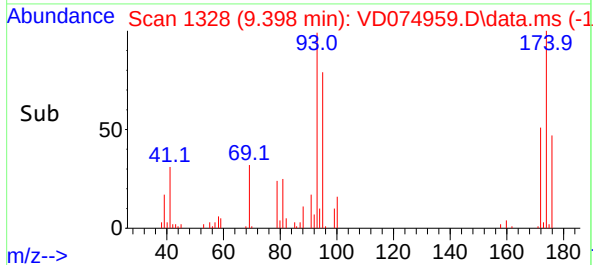
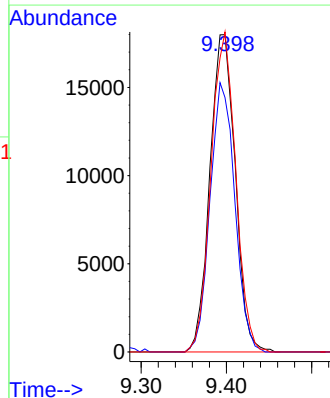
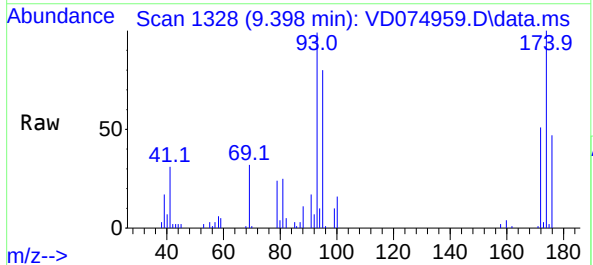
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

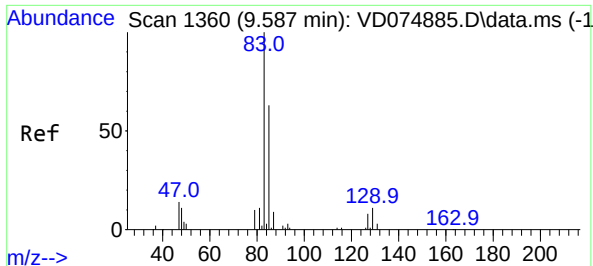
Tgt Ion: 63 Resp: 63899
Ion Ratio Lower Upper
63 100
65 31.5 23.1 34.7



#46
Dibromomethane
Concen: 52.747 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 93 Resp: 37122
Ion Ratio Lower Upper
93 100
95 83.1 68.2 102.2
174 98.6 87.4 131.0





#47

Bromodichloromethane

Concen: 52.522 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

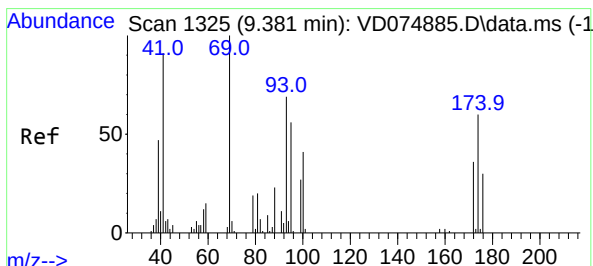
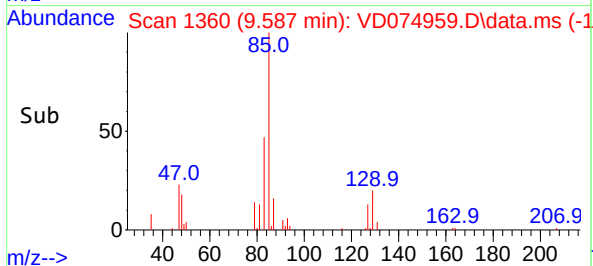
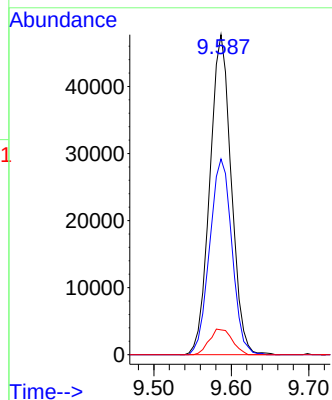
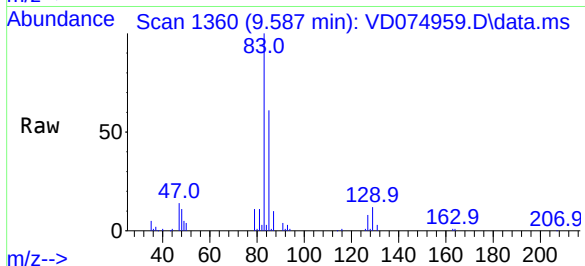
Tgt Ion: 83 Resp: 91735

Ion Ratio Lower Upper

83 100

85 61.1 48.8 73.2

127 7.8 6.7 10.1



#48

Methyl methacrylate

Concen: 52.434 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

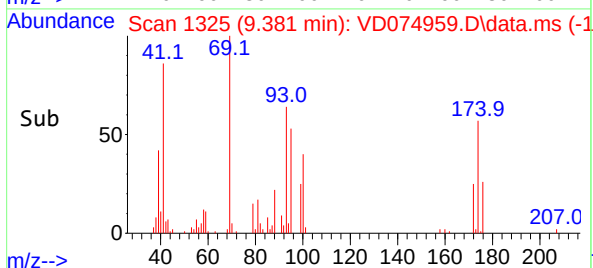
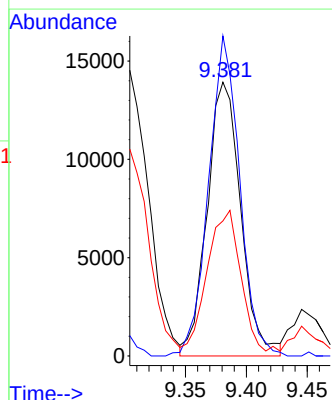
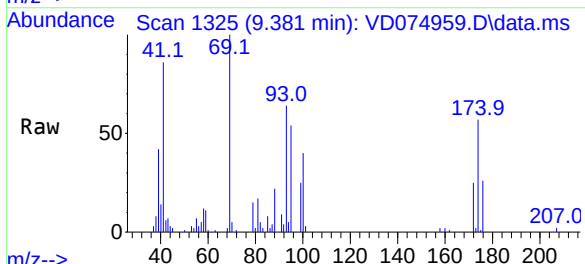
Tgt Ion: 41 Resp: 26700

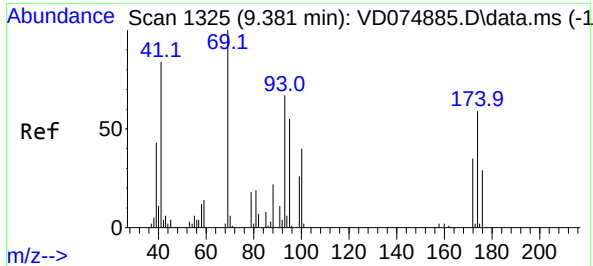
Ion Ratio Lower Upper

41 100

69 108.2 93.0 139.4

39 54.0 44.6 66.8

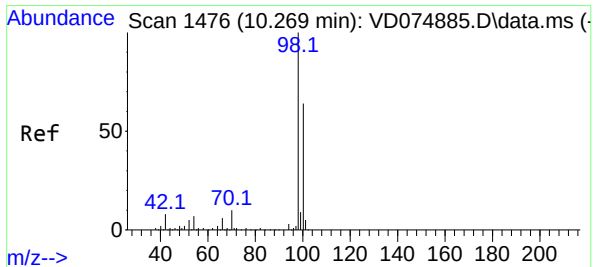
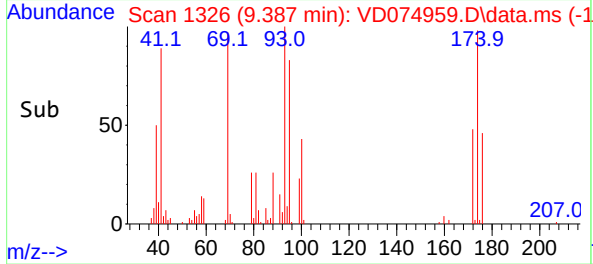
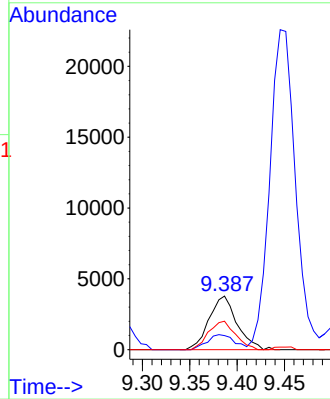
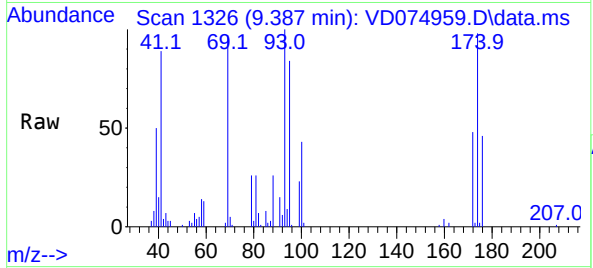




#49
1,4-Dioxane
Concen: 1121.953 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

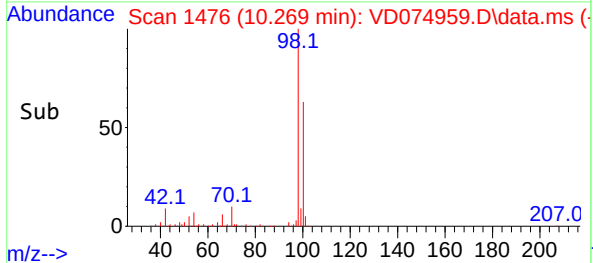
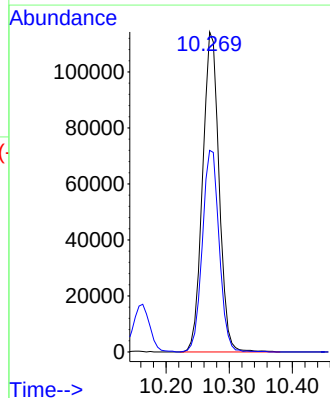
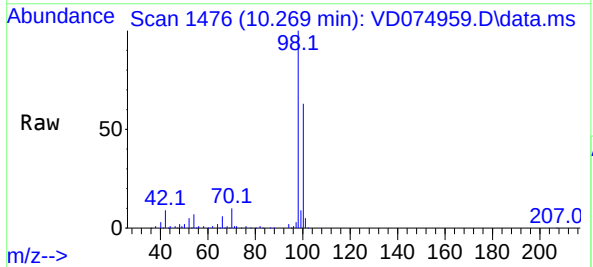
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

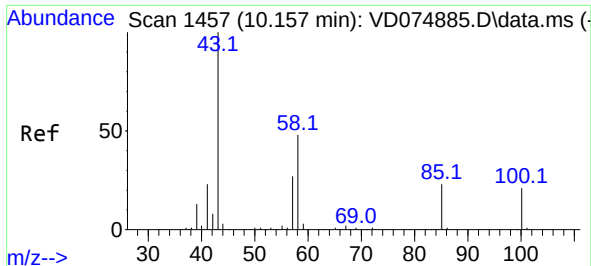
Tgt Ion: 88 Resp: 7748
Ion Ratio Lower Upper
88 100
43 27.7 24.1 36.1
58 51.2 43.1 64.7



#50
Toluene-d8
Concen: 47.430 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 98 Resp: 206770
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

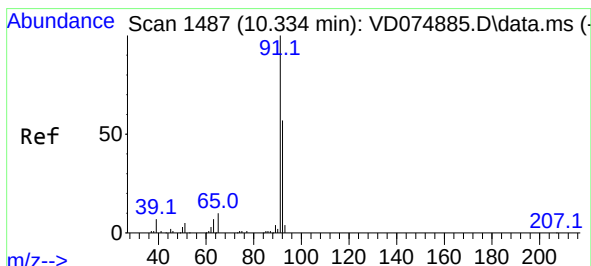
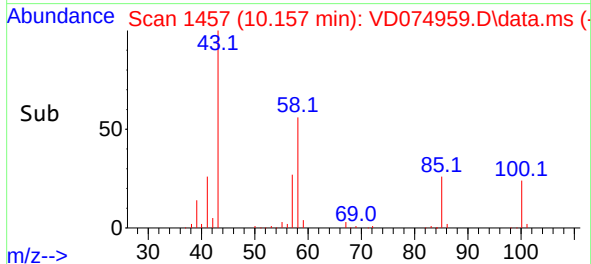
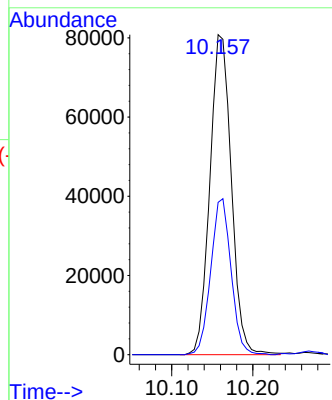
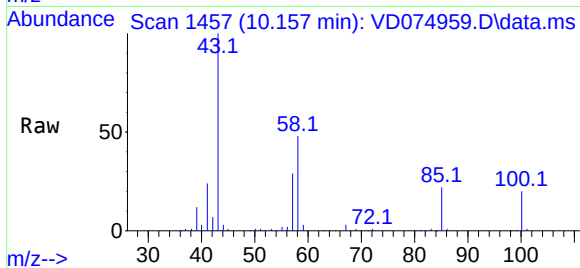




#51
4-Methyl-2-Pentanone
Concen: 270.705 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

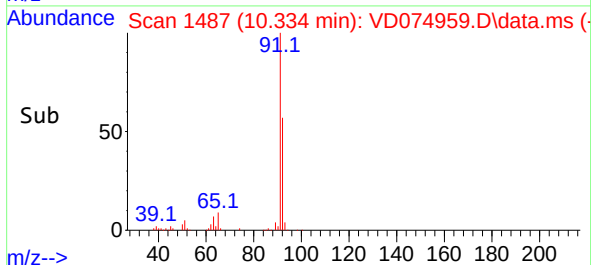
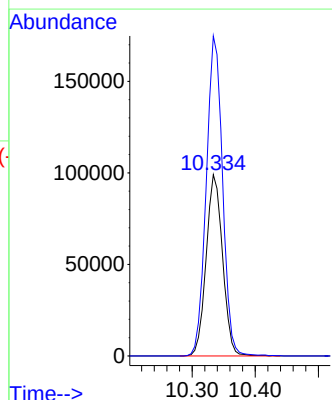
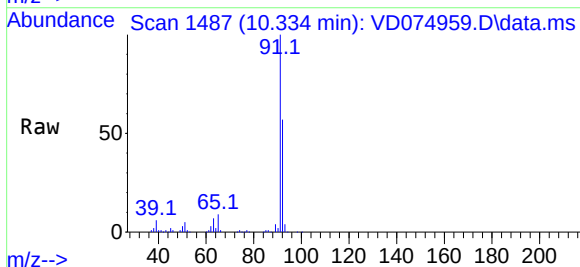
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

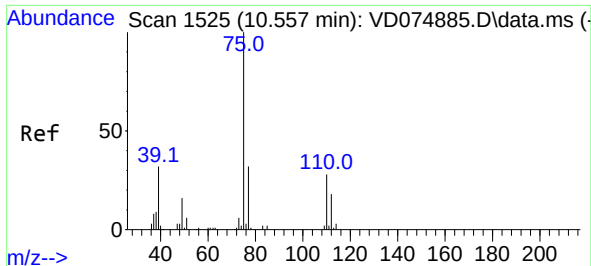
Tgt Ion: 43 Resp: 148348
Ion Ratio Lower Upper
43 100
58 46.1 37.8 56.6



#52
Toluene
Concen: 53.361 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 92 Resp: 178437
Ion Ratio Lower Upper
92 100
91 175.4 139.0 208.4

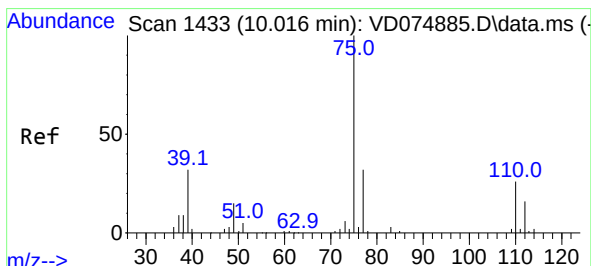
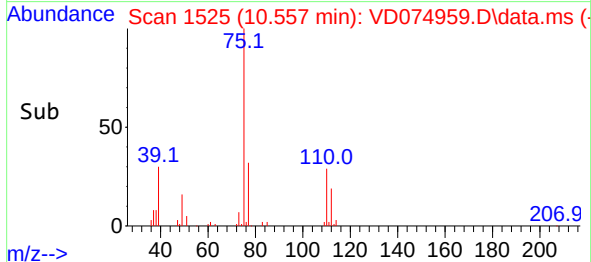
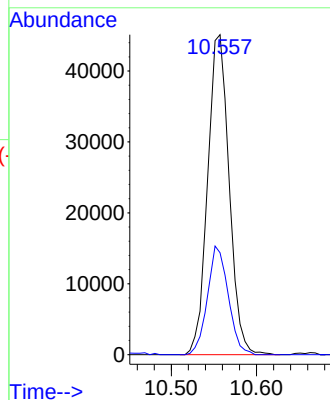
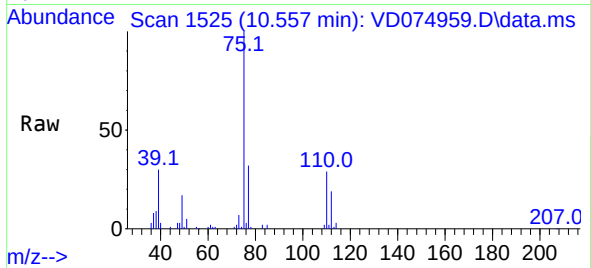




#53
t-1,3-Dichloropropene
Concen: 51.273 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

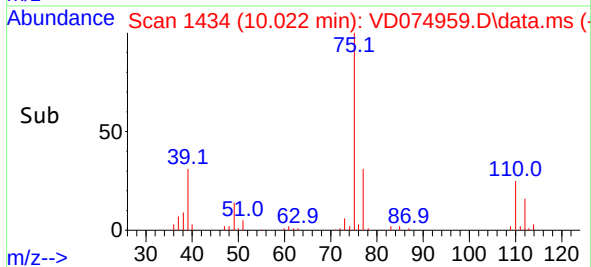
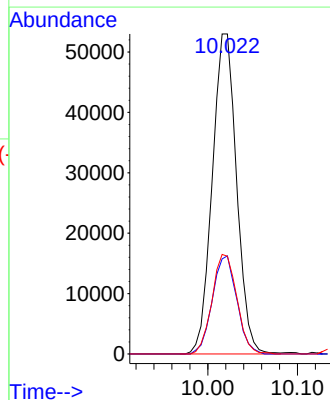
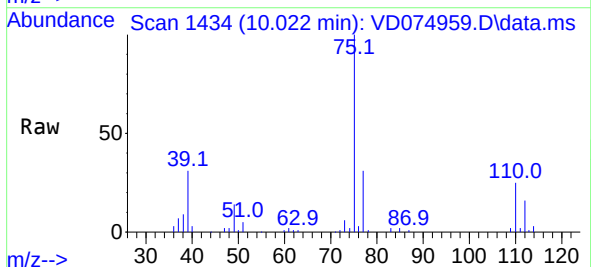
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

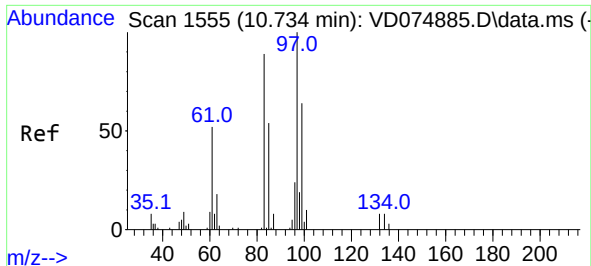
Tgt Ion: 75 Resp: 79111
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 52.719 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 75 Resp: 99754
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 30.5 25.4 38.2

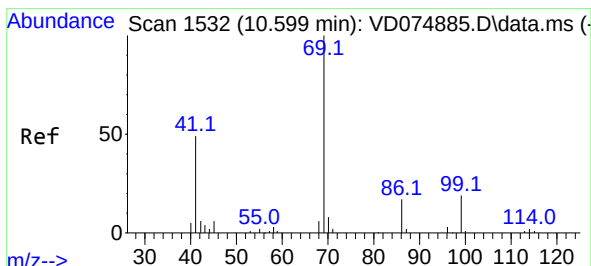
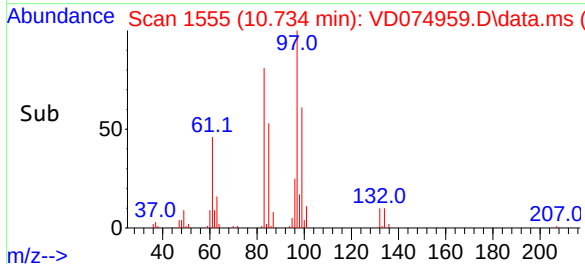
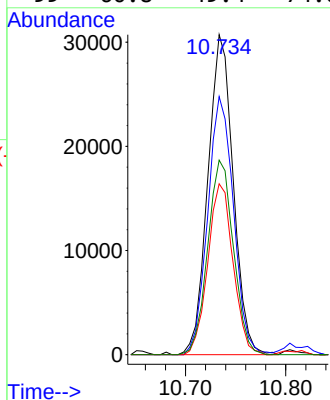
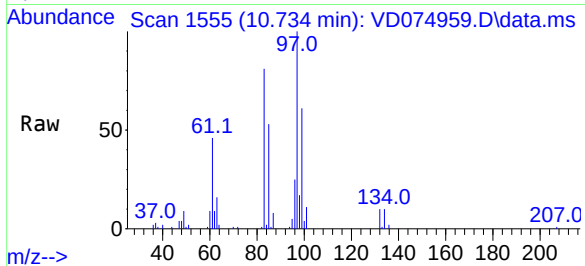




#55
1,1,2-Trichloroethane
Concen: 55.096 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

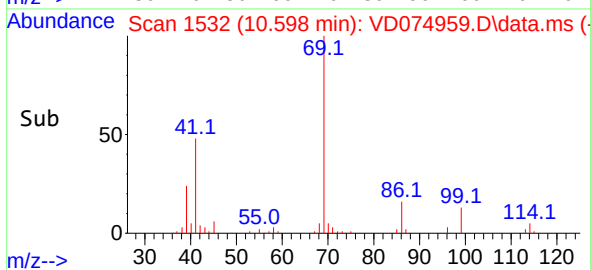
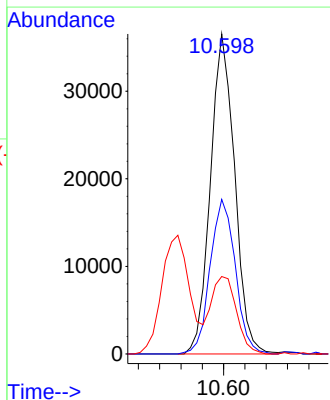
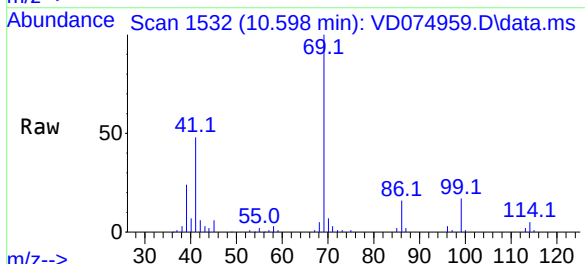
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

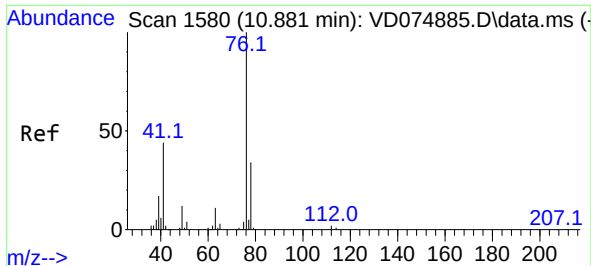
Tgt Ion: 97	Resp: 53916
Ion Ratio	Lower Upper
97 100	
83 80.7	64.8 97.2
85 53.4	44.8 67.2
99 60.8	49.4 74.0



#56
Ethyl methacrylate
Concen: 48.884 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 69	Resp: 57738
Ion Ratio	Lower Upper
69 100	
41 50.2	38.6 58.0
39 25.2	19.9 29.9





#57

1,3-Dichloropropane

Concen: 53.732 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

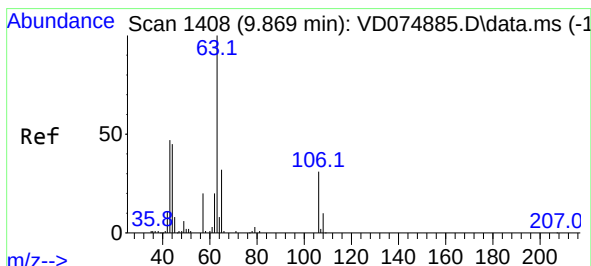
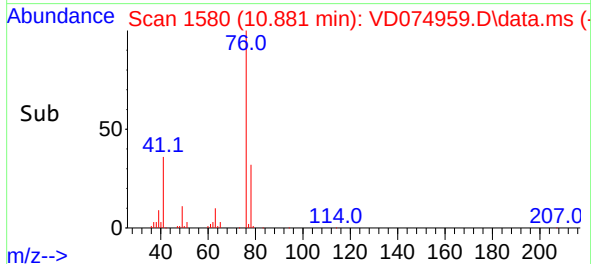
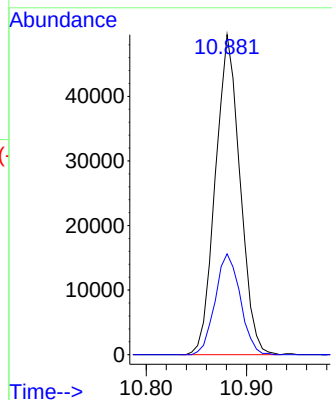
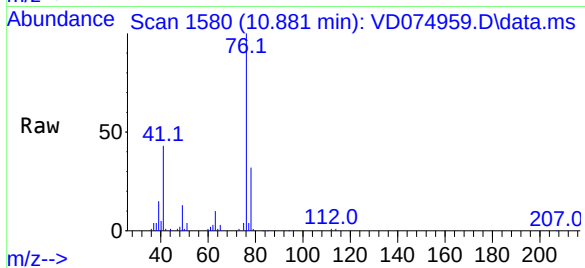
VSTDC050EC

Tgt Ion: 76 Resp: 84534

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 226.820 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074959.D

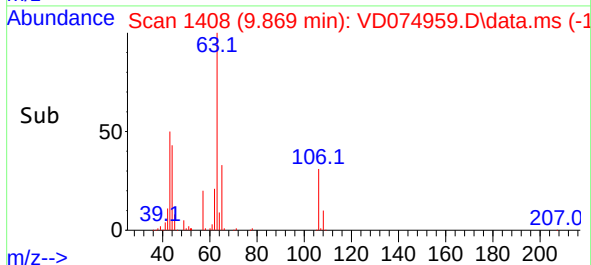
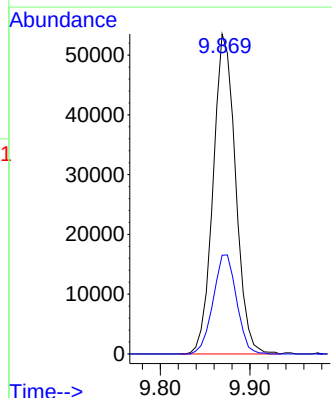
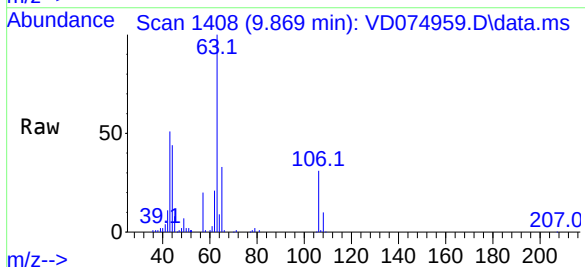
Acq: 16 Nov 2022 19:59

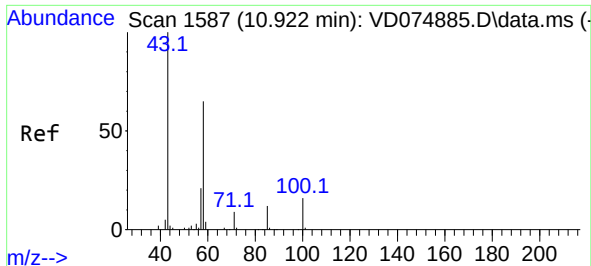
Tgt Ion: 63 Resp: 93028

Ion Ratio Lower Upper

63 100

106 32.3 26.5 39.7

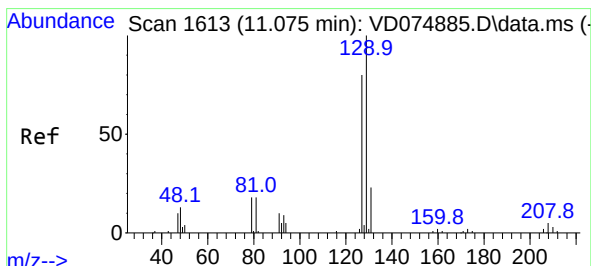
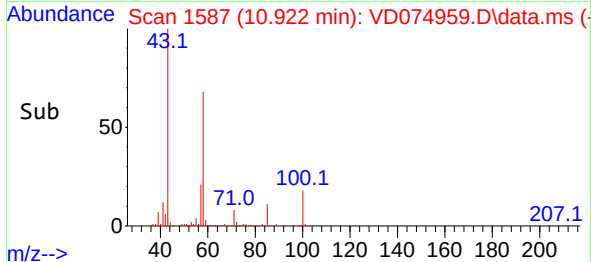
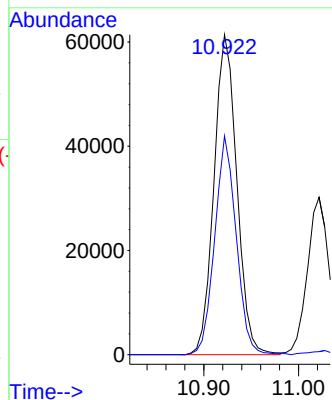
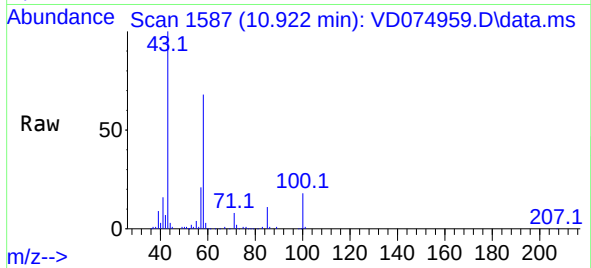




#59
2-Hexanone
Concen: 269.449 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

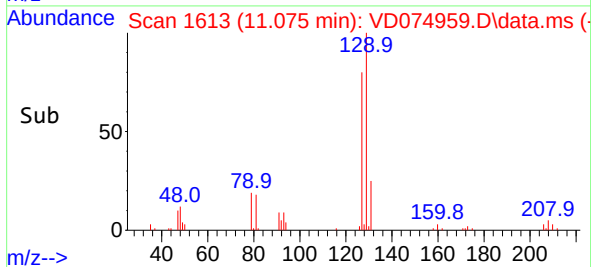
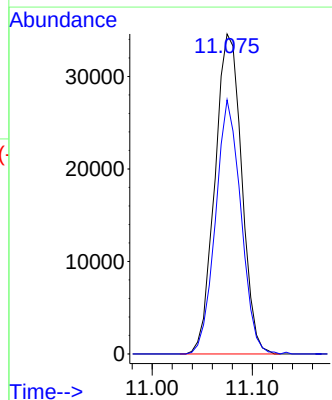
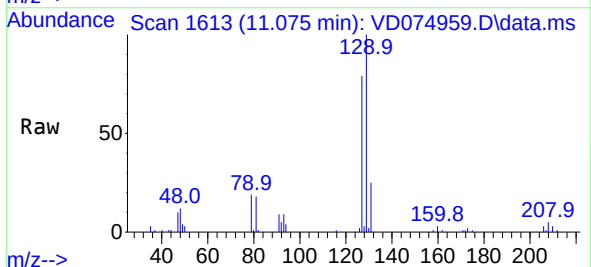
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

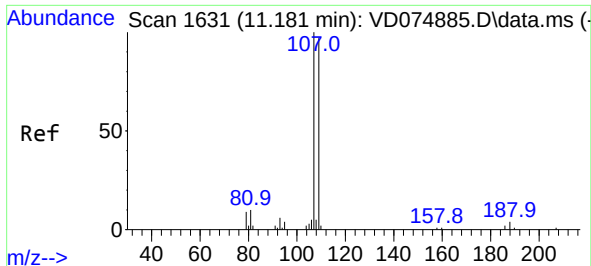
Tgt Ion: 43 Resp: 102936
Ion Ratio Lower Upper
43 100
58 64.3 32.0 96.2



#60
Dibromochloromethane
Concen: 55.199 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 129 Resp: 64079
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2

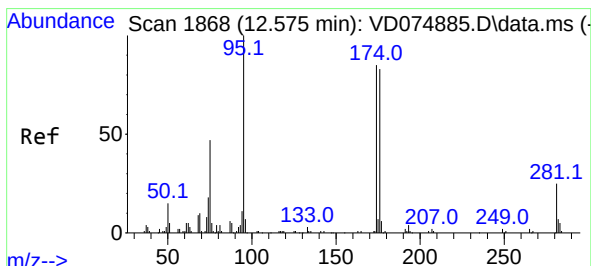
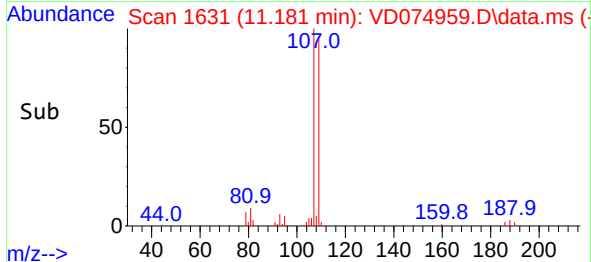
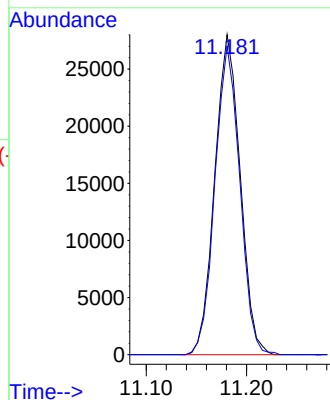
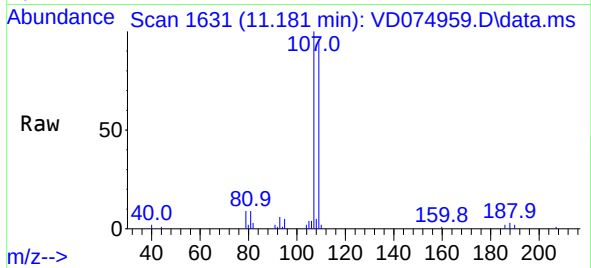




#61
1,2-Dibromoethane
Concen: 53.908 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

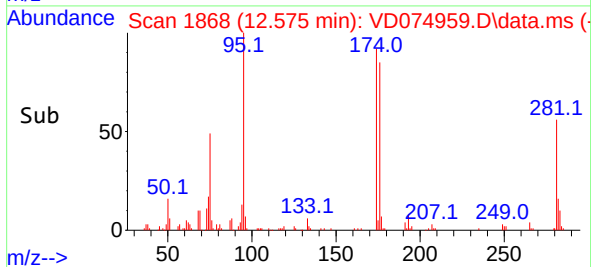
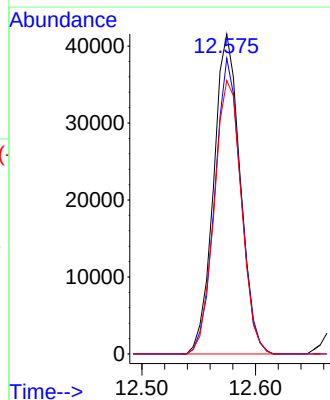
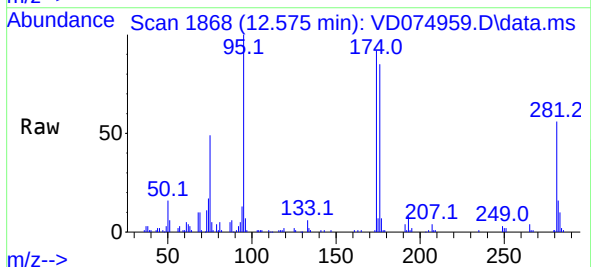
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

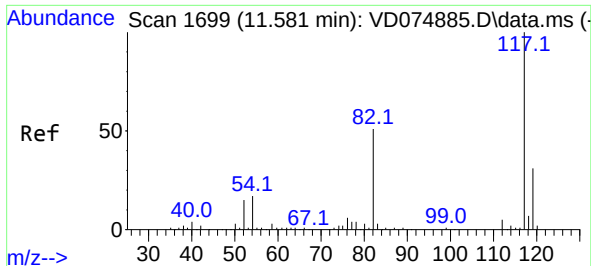
Tgt Ion:107 Resp: 49336
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.311 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 95 Resp: 67349
Ion Ratio Lower Upper
95 100
174 90.6 0.0 197.0
176 87.6 0.0 182.6

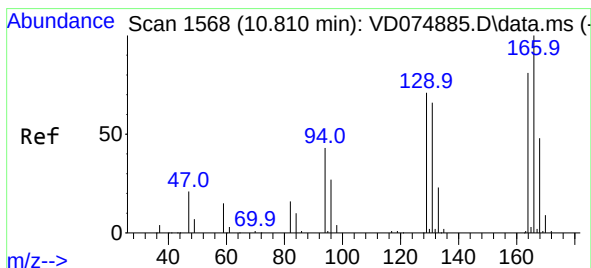
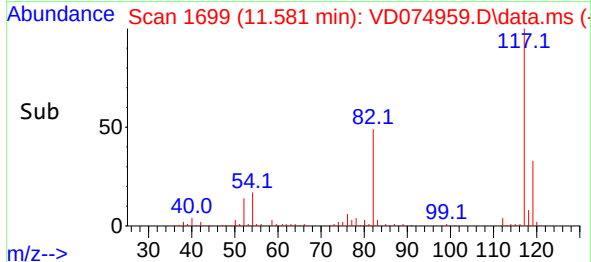
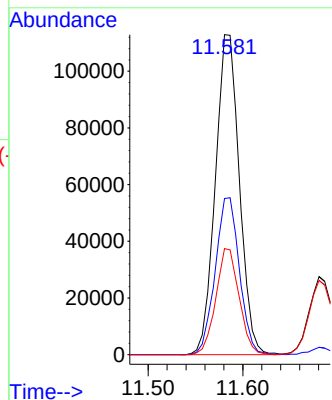
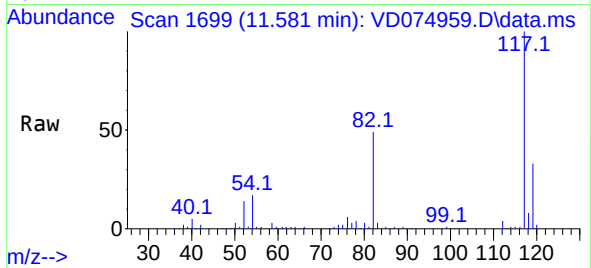




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

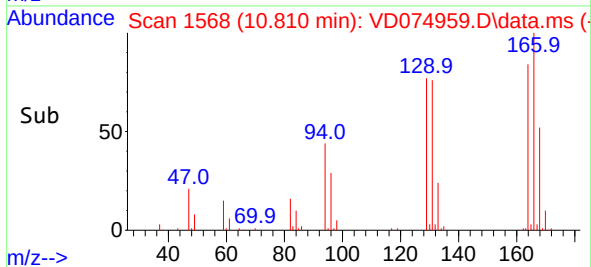
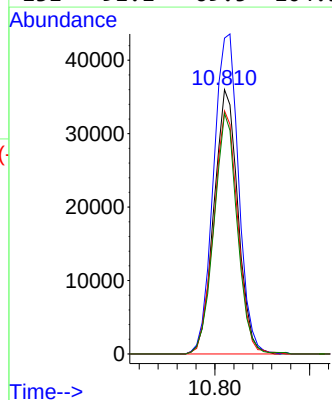
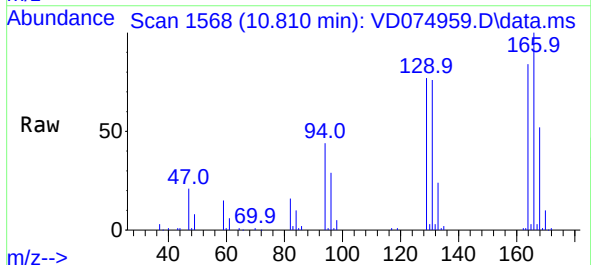
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

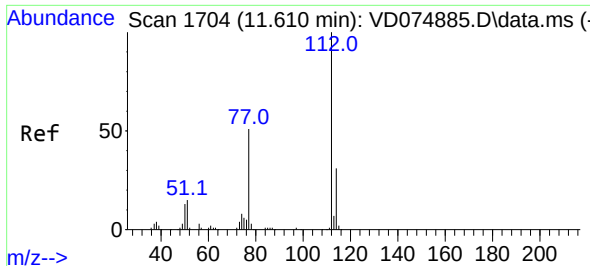
Tgt Ion:117 Resp: 199206
Ion Ratio Lower Upper
117 100
82 48.8 41.6 62.4
119 33.1 25.2 37.8



#64
Tetrachloroethene
Concen: 47.435 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:164 Resp: 63356
Ion Ratio Lower Upper
164 100
166 119.5 107.8 161.8
129 91.9 77.4 116.2
131 91.1 69.5 104.3

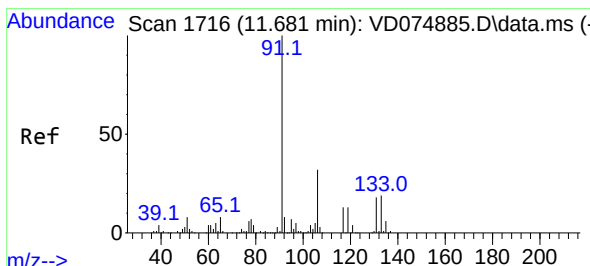
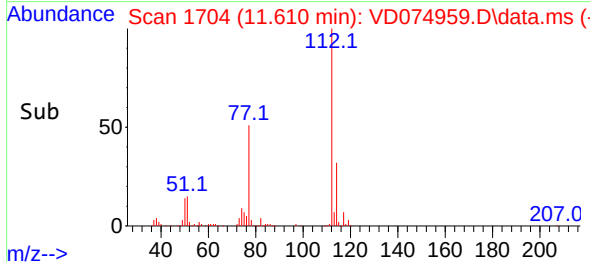
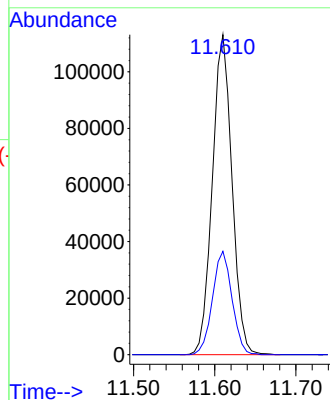
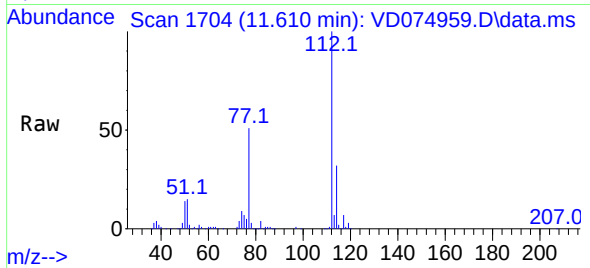




#65
Chlorobenzene
Concen: 48.873 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

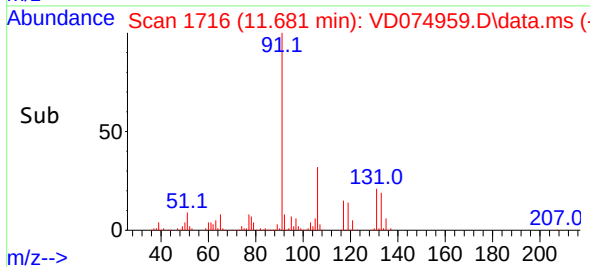
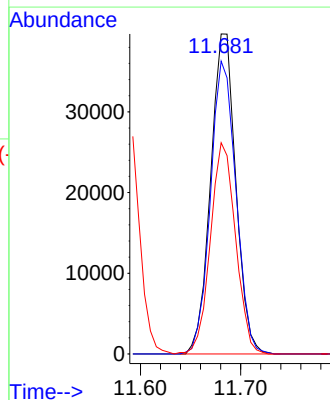
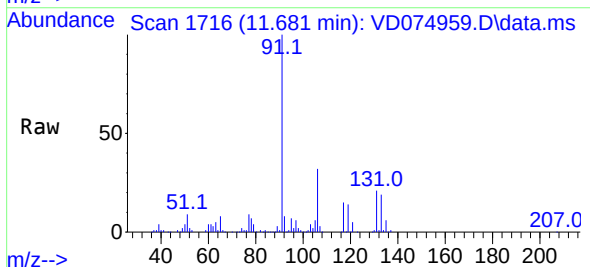
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

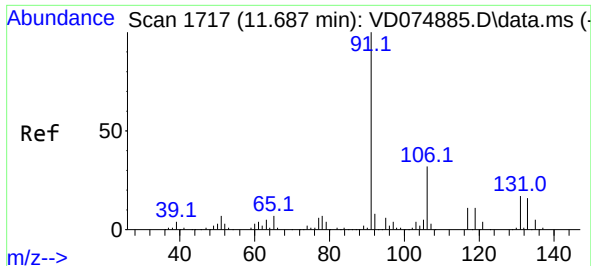
Tgt Ion:112 Resp: 190456
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.670 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:131 Resp: 69185
Ion Ratio Lower Upper
131 100
133 92.6 46.6 139.8
119 65.9 32.5 97.4

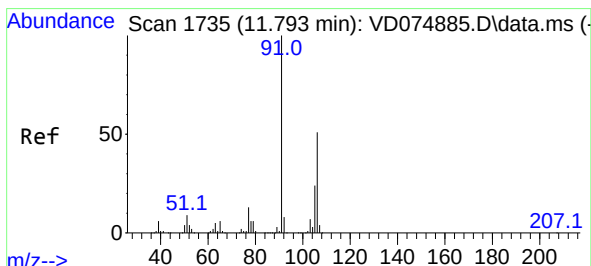
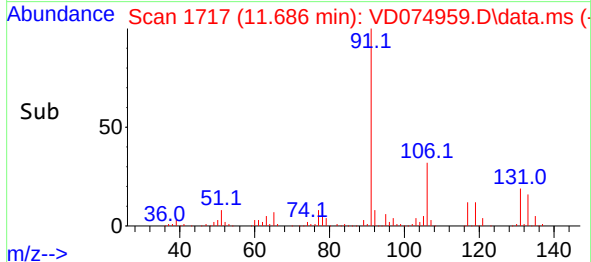
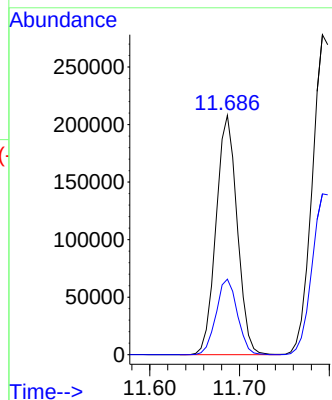
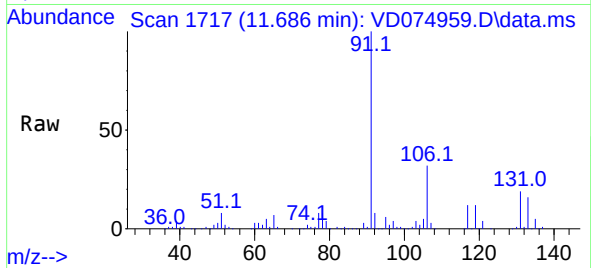




#67
Ethyl Benzene
Concen: 50.016 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

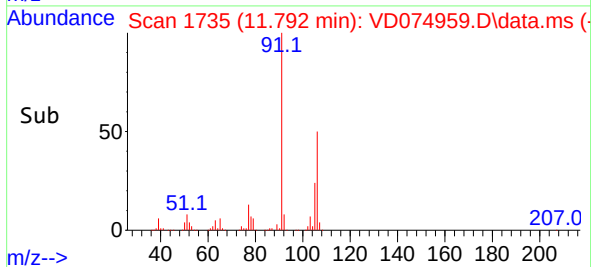
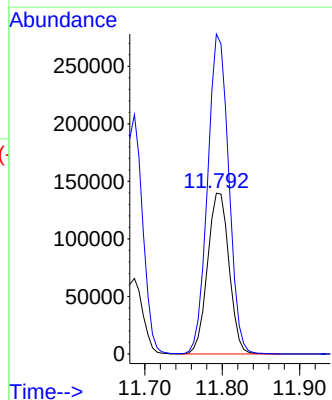
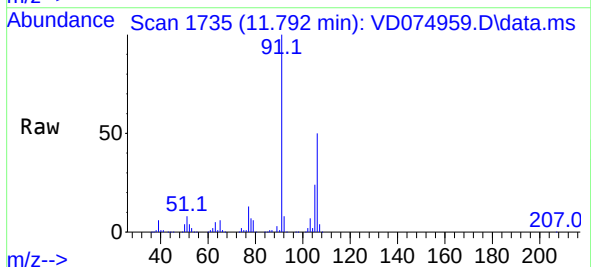
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

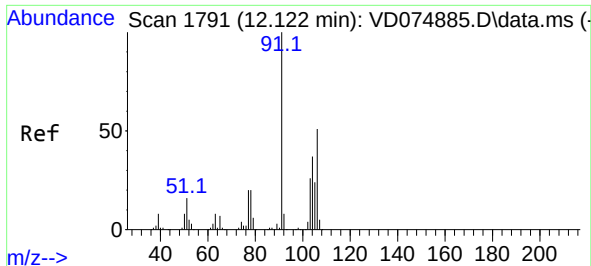
Tgt Ion: 91 Resp: 339575
Ion Ratio Lower Upper
91 100
106 31.6 26.6 40.0



#68
m/p-Xylenes
Concen: 99.594 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 106 Resp: 269598
Ion Ratio Lower Upper
106 100
91 195.2 156.2 234.4

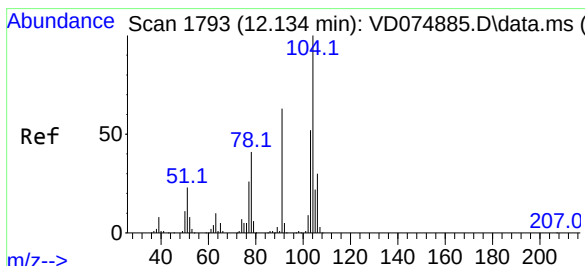
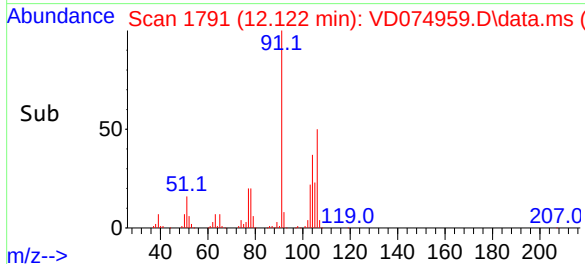
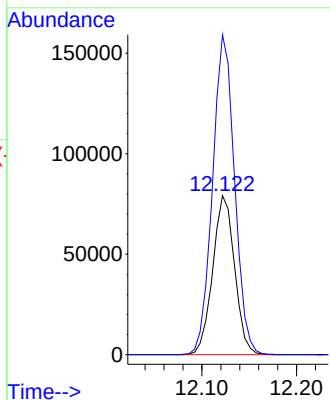
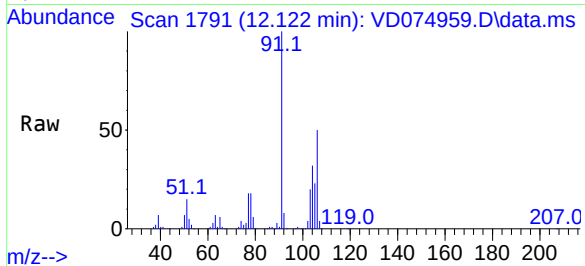




#69
o-Xylene
Concen: 50.992 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

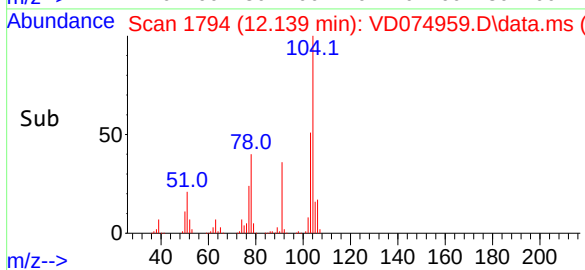
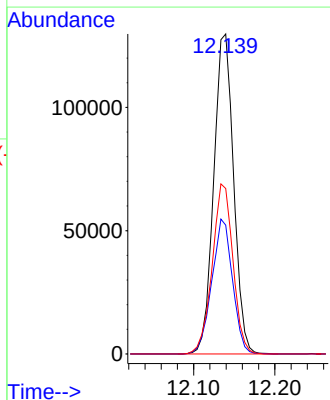
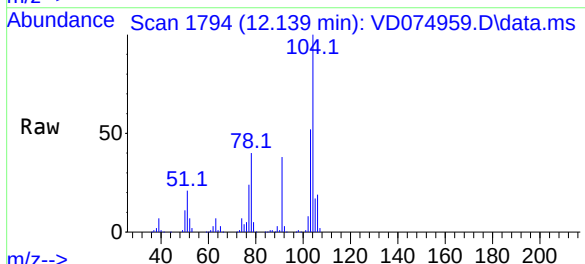
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

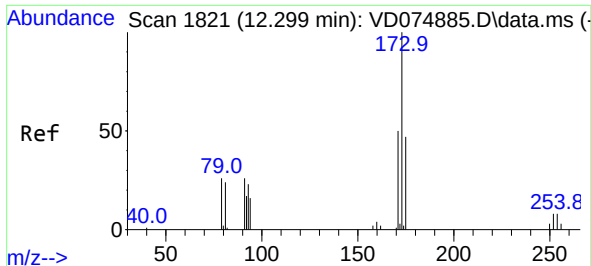
Tgt Ion:106 Resp: 126995
Ion Ratio Lower Upper
106 100
91 202.6 104.5 313.3



#70
Styrene
Concen: 51.808 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:104 Resp: 221175
Ion Ratio Lower Upper
104 100
78 43.9 35.7 53.5
103 55.3 43.7 65.5

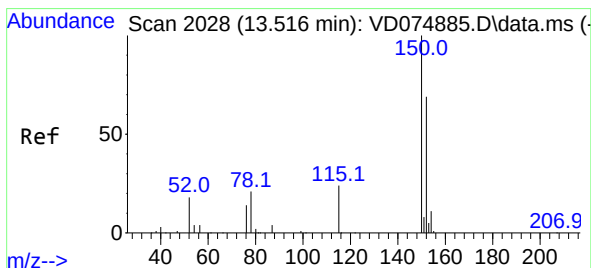
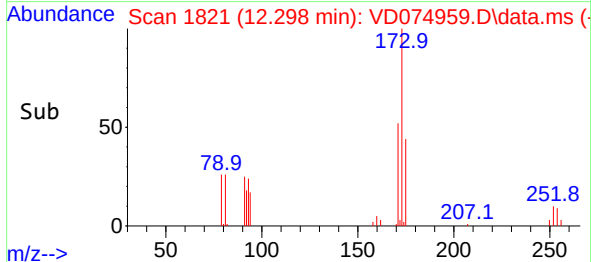
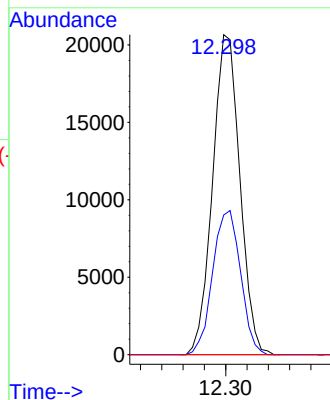
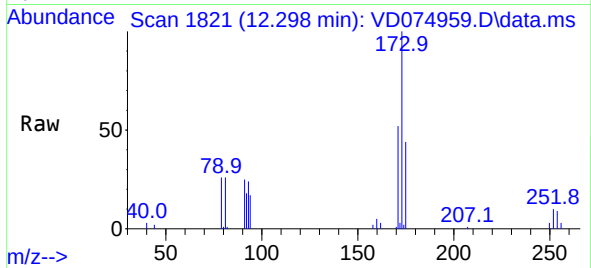




#71
Bromoform
Concen: 51.990 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

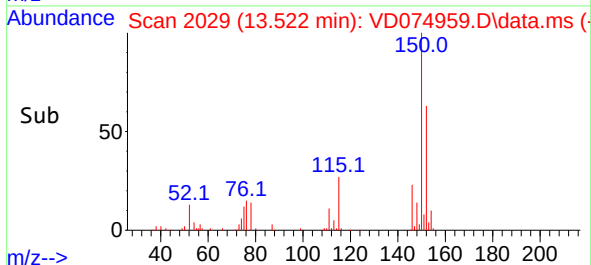
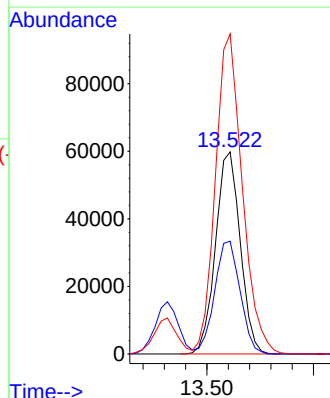
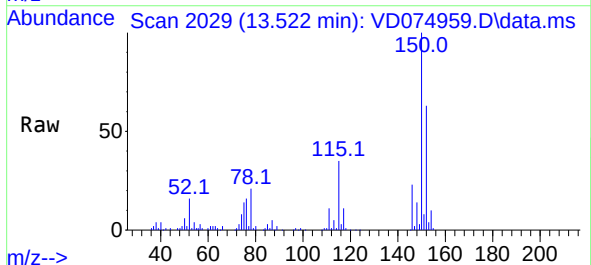
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

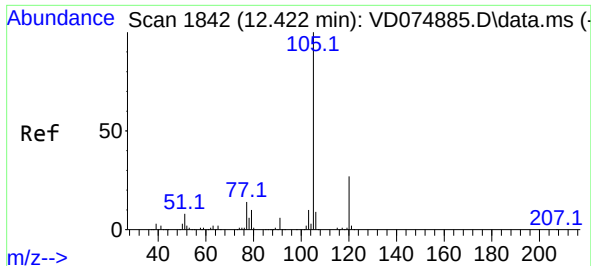
Tgt Ion:173 Resp: 36739
Ion Ratio Lower Upper
173 100
175 46.0 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:152 Resp: 96166
Ion Ratio Lower Upper
152 100
115 57.6 26.8 80.4
150 172.4 0.0 348.2

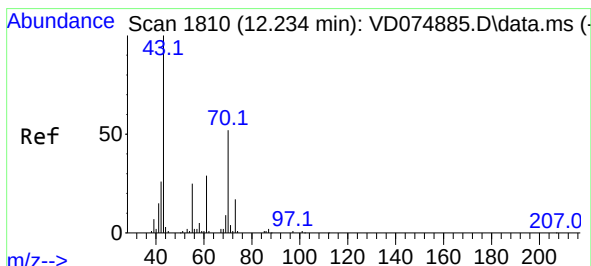
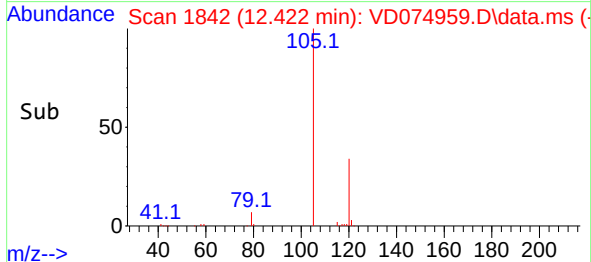
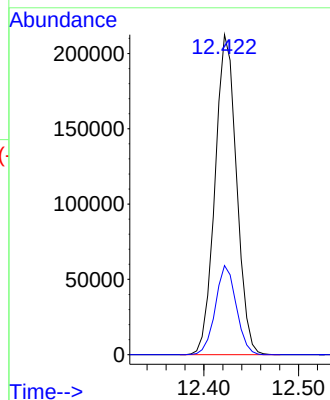
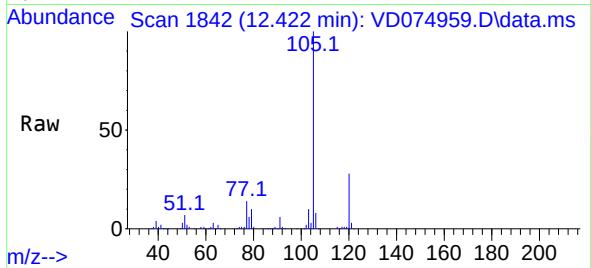




#73
Isopropylbenzene
Concen: 50.666 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

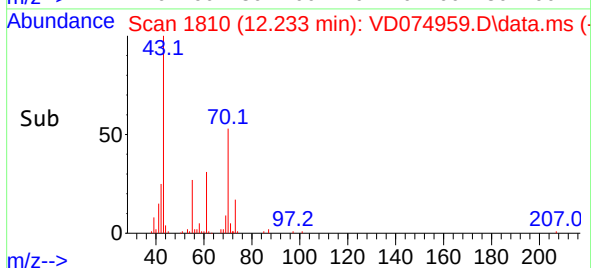
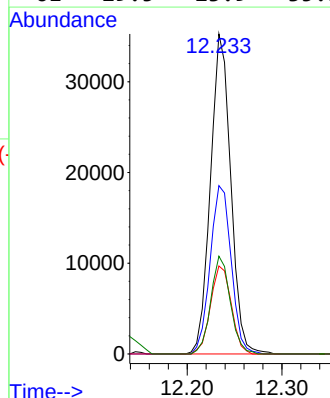
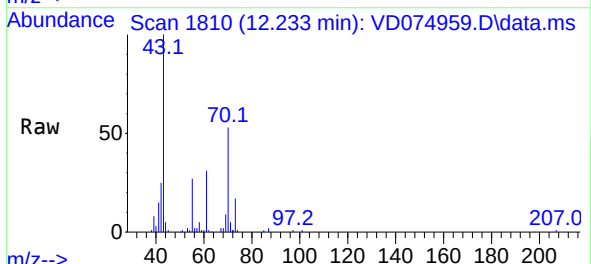
Instrument :
MSVOA_D
ClientSampleId :
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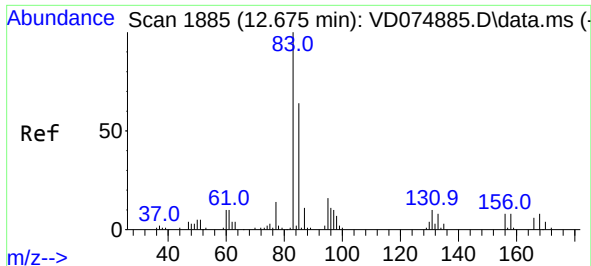
Tgt Ion:105 Resp: 335363
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 48.271 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 43 Resp: 52569
Ion Ratio Lower Upper
43 100
70 54.6 43.8 65.6
55 28.1 22.0 33.0
61 29.5 23.9 35.9

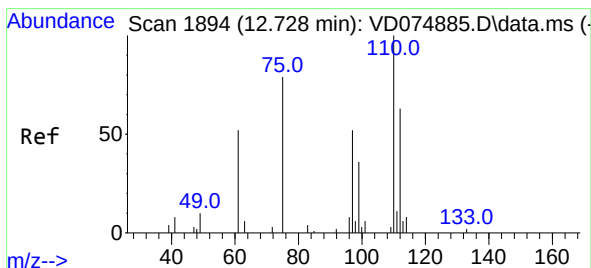
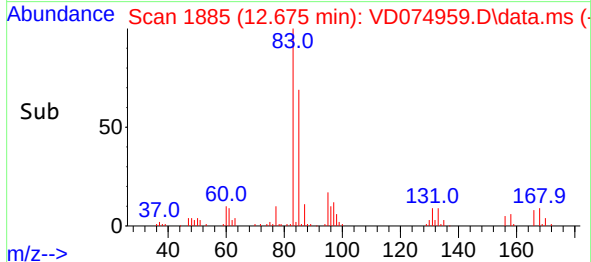
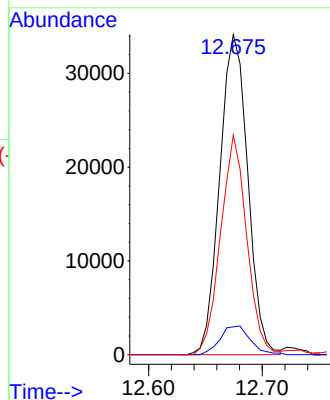
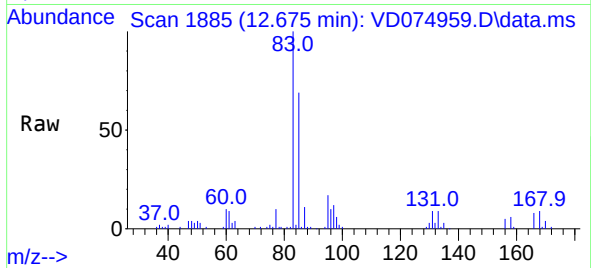




#75
1,1,2,2-Tetrachloroethane
Concen: 50.033 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

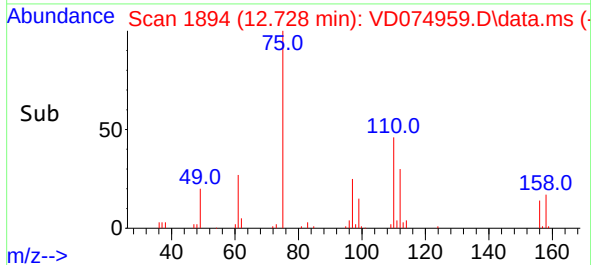
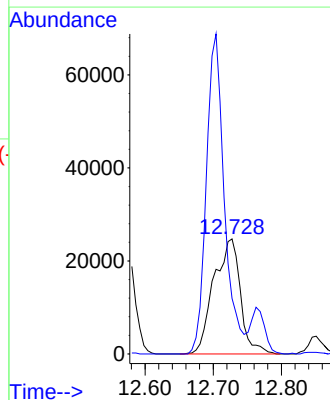
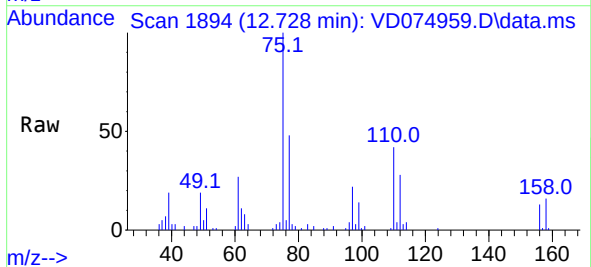
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

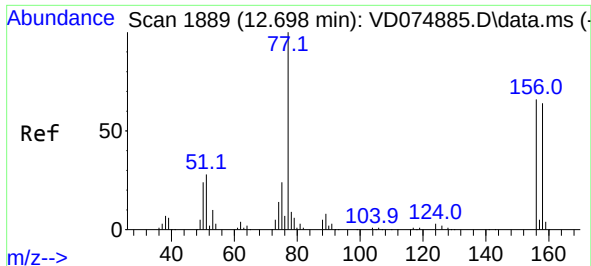
Tgt Ion: 83 Resp: 58580
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 64.0 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 83.697 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 75 Resp: 67320
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

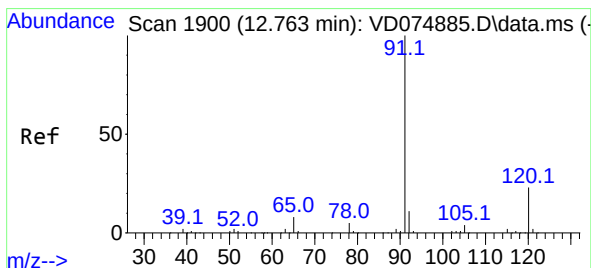
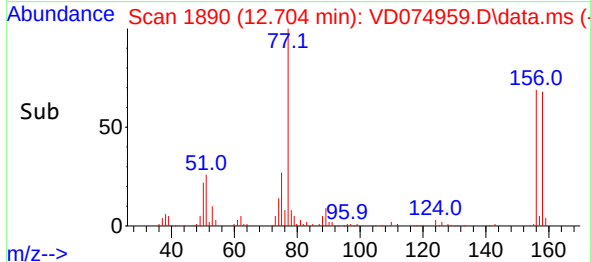
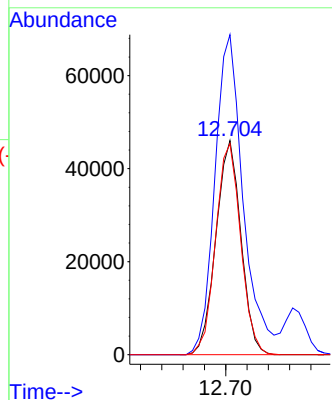
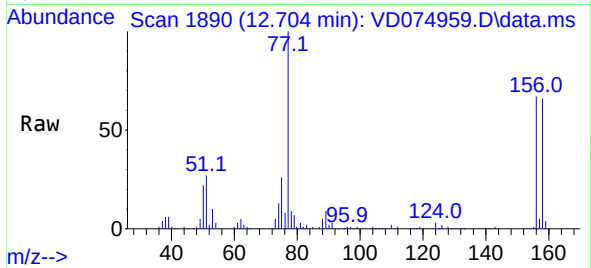




#77
Bromobenzene
Concen: 48.421 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

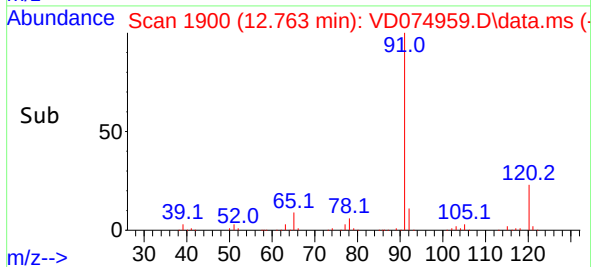
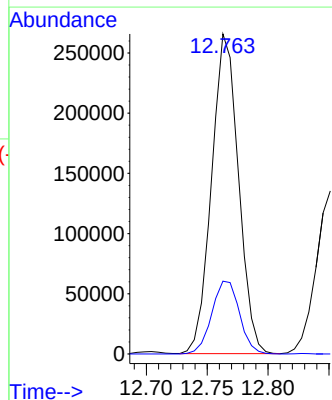
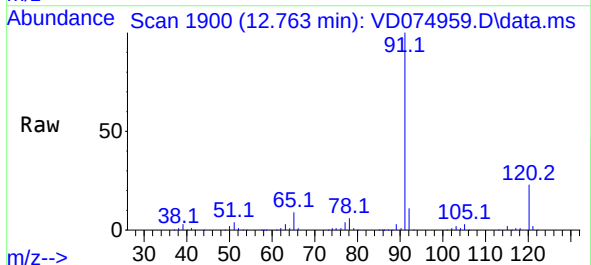
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

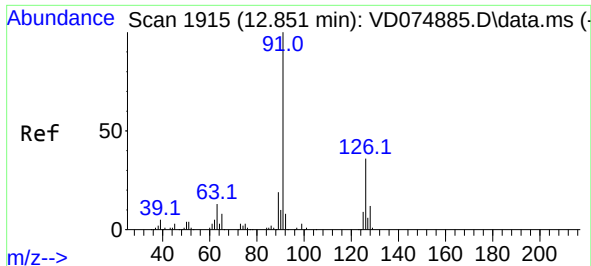
Tgt Ion:156 Resp: 75003
Ion Ratio Lower Upper
156 100
77 168.6 77.7 233.1
158 98.8 49.4 148.2



#78
n-propylbenzene
Concen: 50.165 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 91 Resp: 408152
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.7

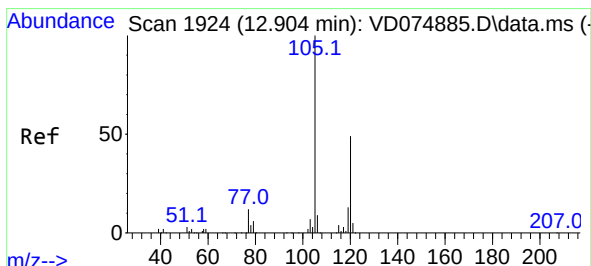
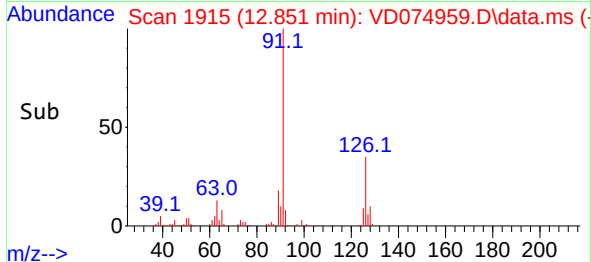
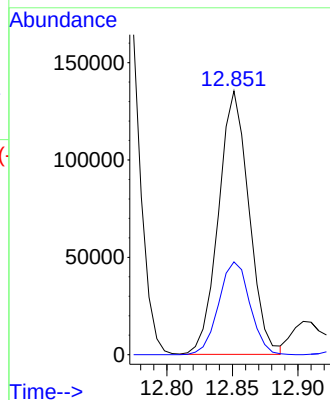
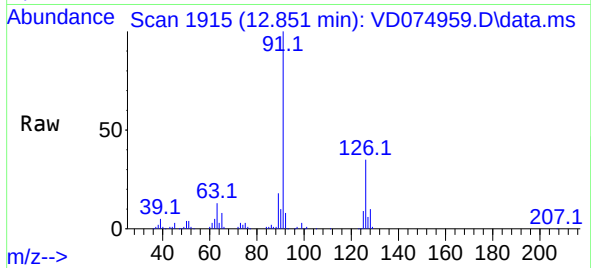




#79
2-Chlorotoluene
Concen: 49.977 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

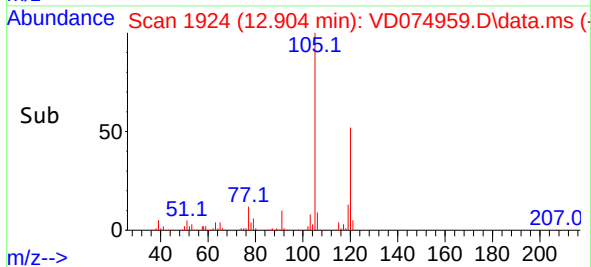
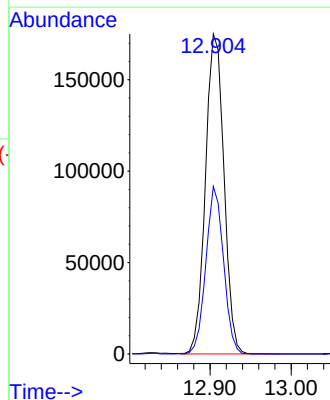
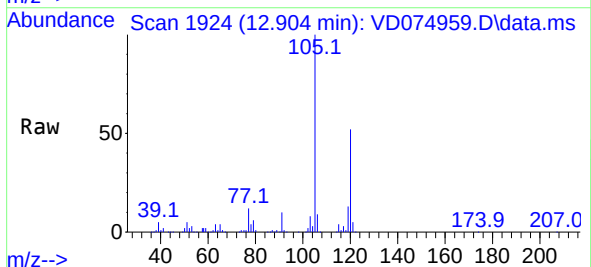
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

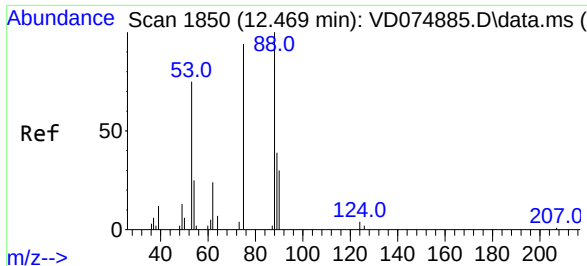
Tgt Ion: 91 Resp: 219098
Ion Ratio Lower Upper
91 100
126 36.1 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 50.196 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 105 Resp: 276840
Ion Ratio Lower Upper
105 100
120 49.9 25.7 77.0

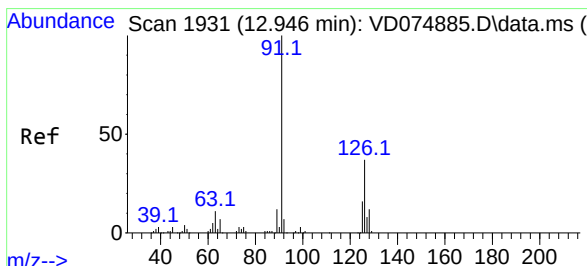
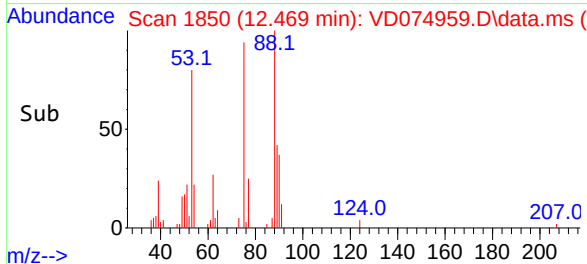
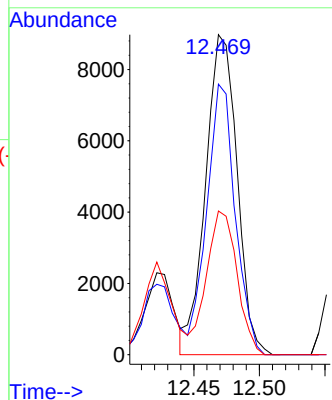
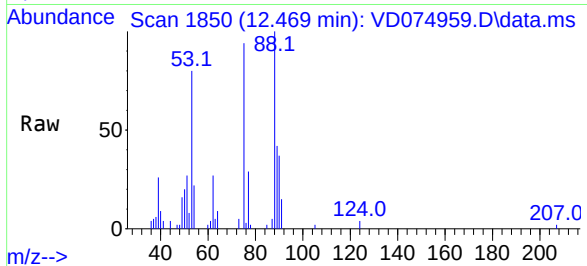




#81
trans-1,4-Dichloro-2-butene
Concen: 45.755 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

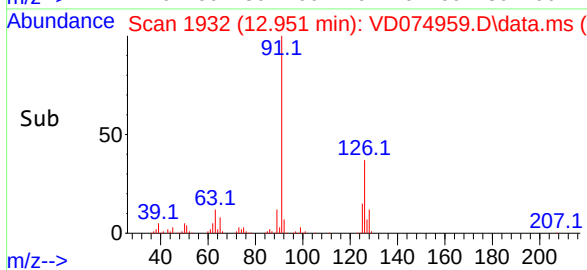
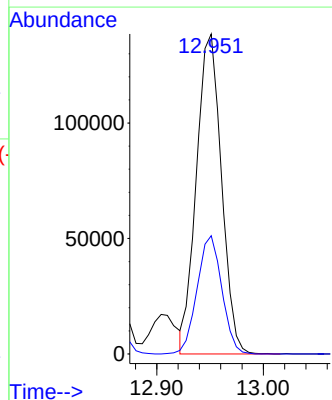
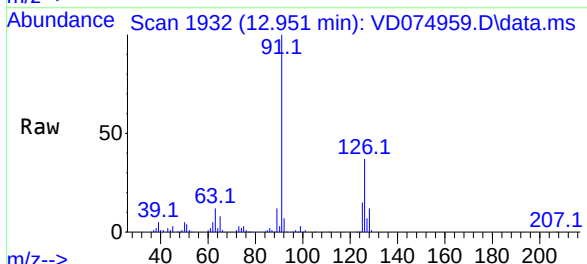
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

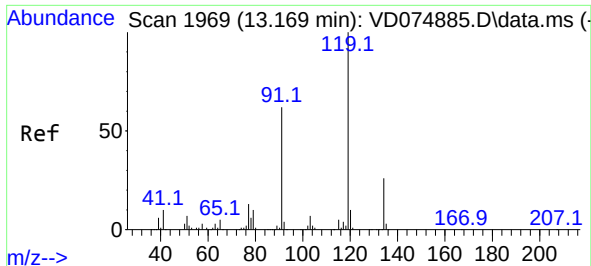
Tgt Ion: 75 Resp: 14960
Ion Ratio Lower Upper
75 100
53 76.7 63.8 95.6
89 43.7 38.2 57.4



#82
4-Chlorotoluene
Concen: 49.569 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 91 Resp: 226296
Ion Ratio Lower Upper
91 100
126 36.5 18.8 56.4

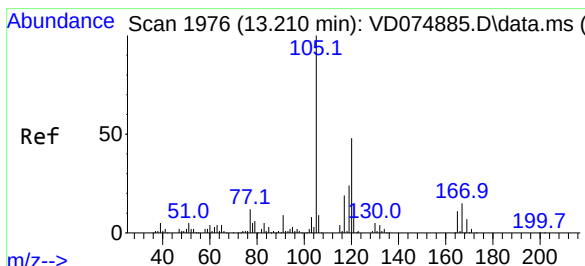
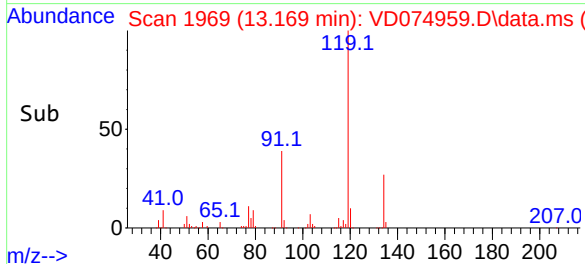
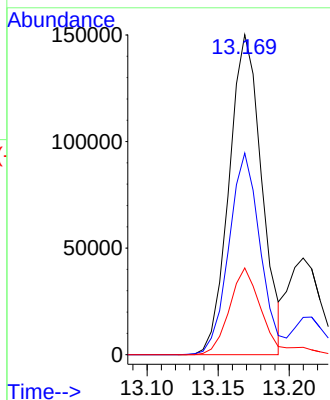
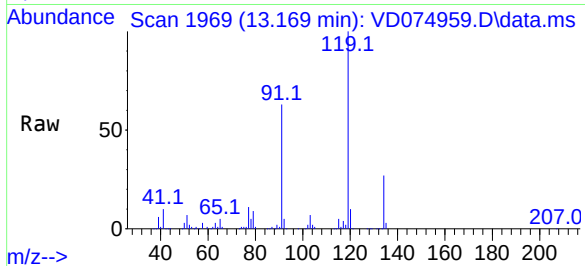




#83
tert-Butylbenzene
Concen: 50.142 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

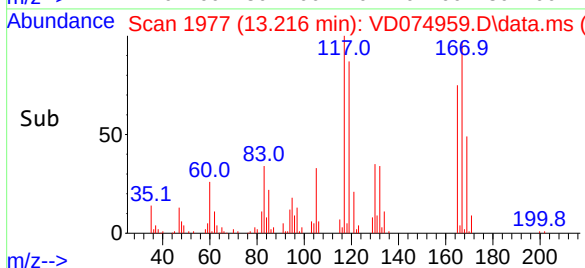
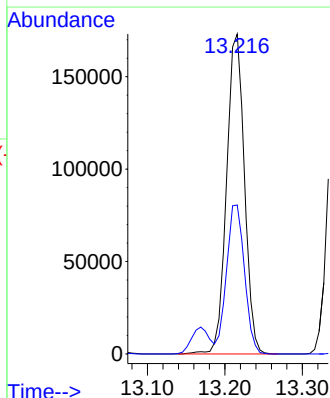
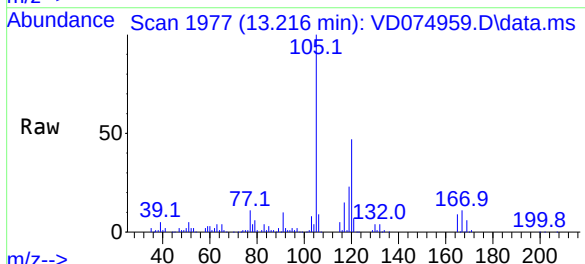
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

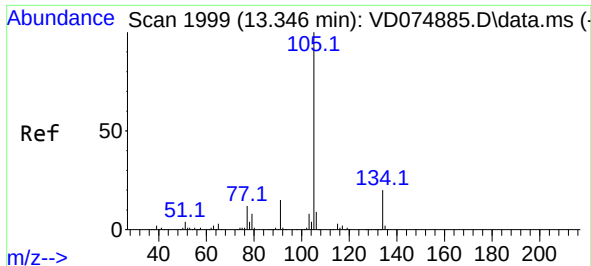
Tgt Ion:119 Resp: 239957
Ion Ratio Lower Upper
119 100
91 61.1 30.0 90.0
134 27.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 50.853 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:105 Resp: 277386
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.7

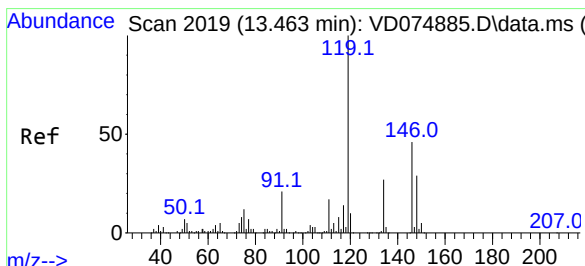
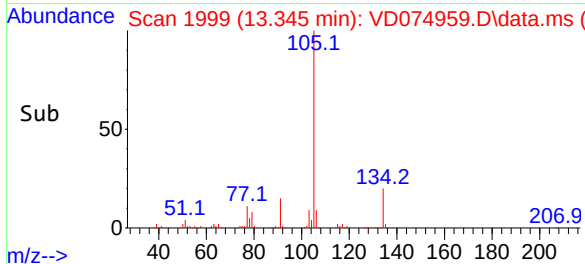
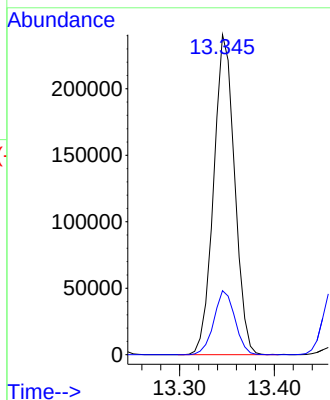
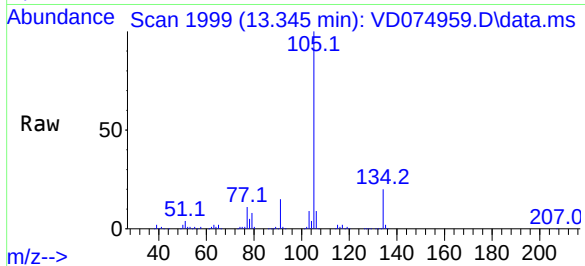




#85
 sec-Butylbenzene
 Concen: 50.790 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.001 min
 Lab File: VD074959.D
 Acq: 16 Nov 2022 19:59

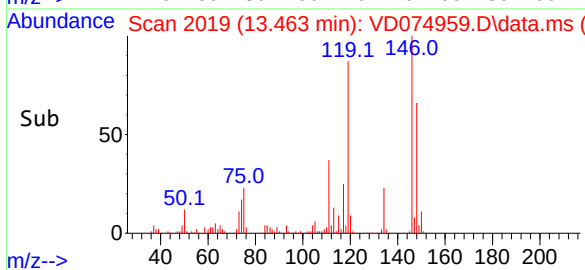
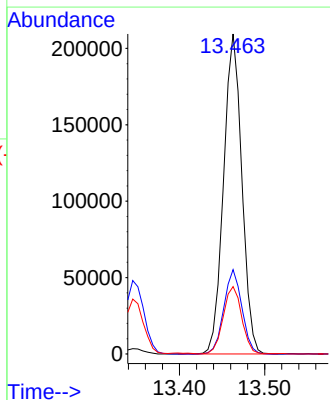
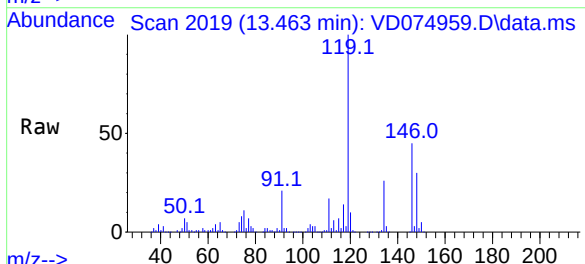
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

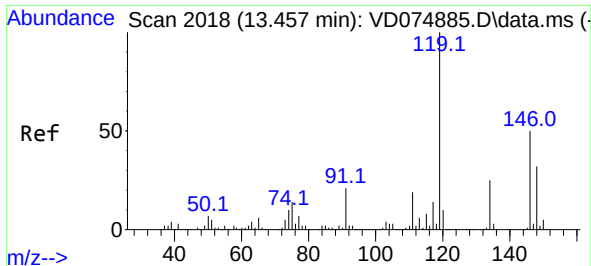
Tgt Ion:105 Resp: 369709
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 51.619 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD074959.D
 Acq: 16 Nov 2022 19:59

Tgt Ion:119 Resp: 312442
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 48.944 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

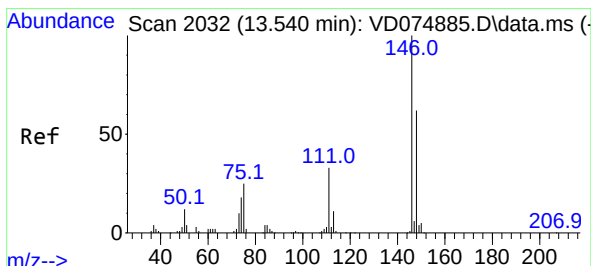
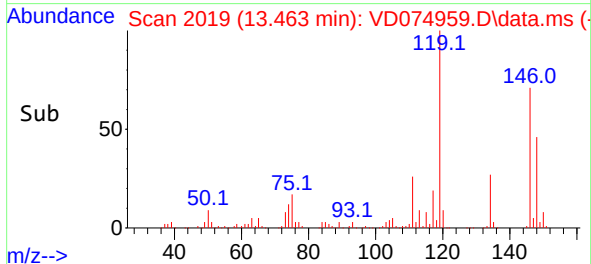
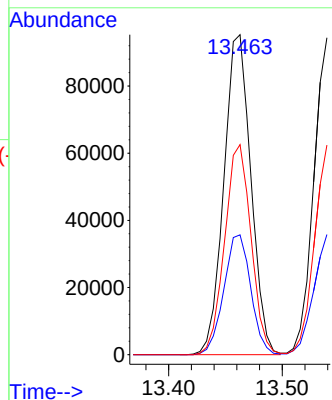
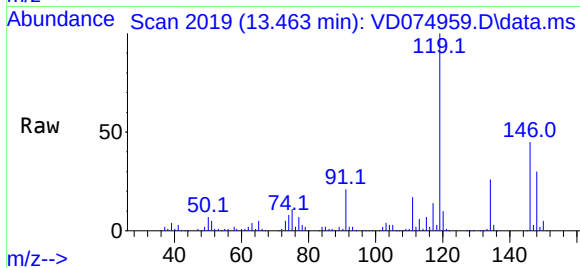
Tgt Ion:146 Resp: 157705

Ion Ratio Lower Upper

146 100

111 37.3 18.3 54.8

148 64.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.101 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

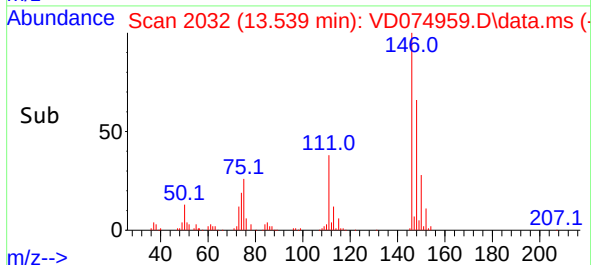
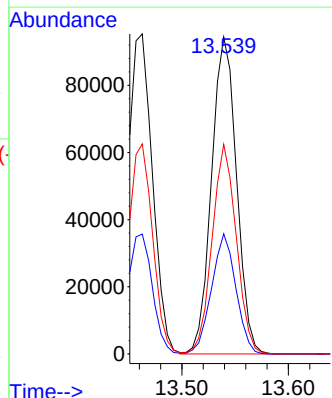
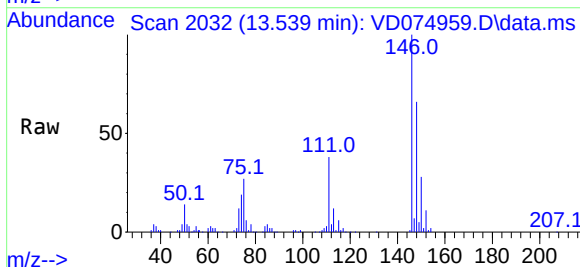
Tgt Ion:146 Resp: 153824

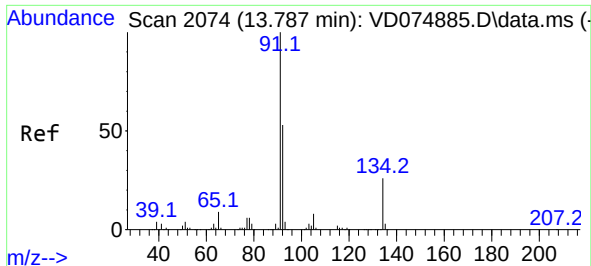
Ion Ratio Lower Upper

146 100

111 37.1 17.7 53.1

148 63.8 32.3 96.9

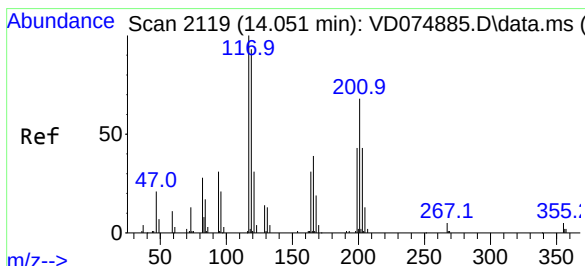
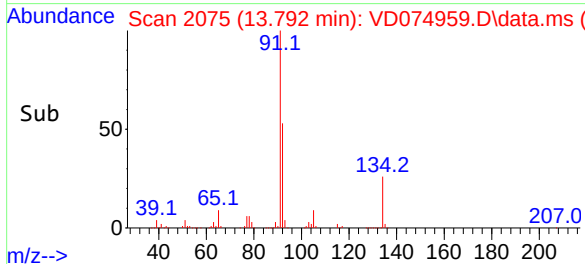
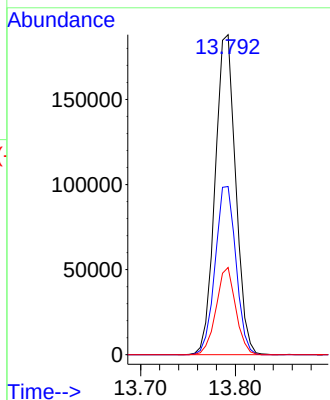
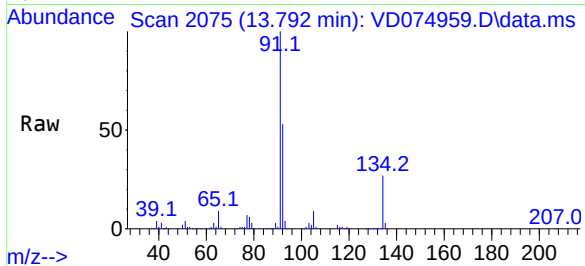




#89
n-Butylbenzene
Concen: 50.458 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

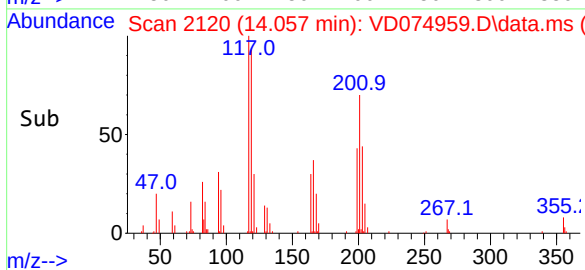
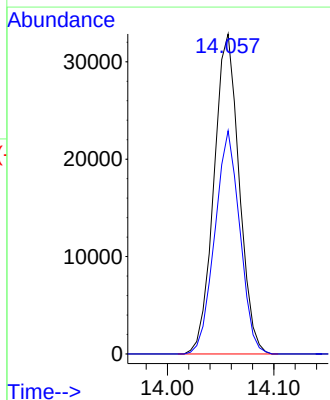
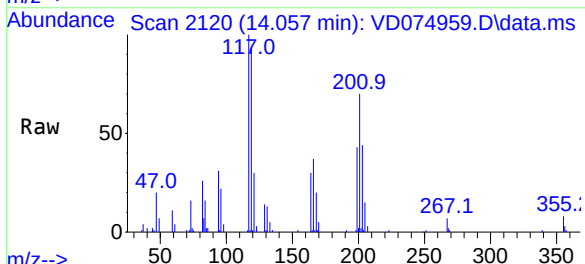
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

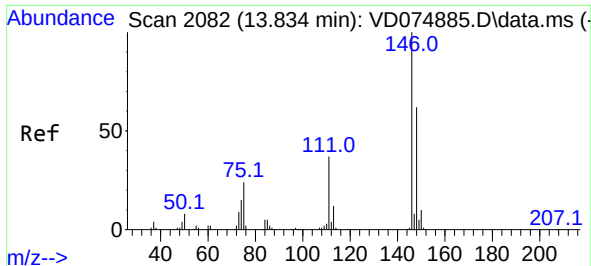
Tgt Ion: 91 Resp: 283554
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 26.0 13.4 40.2



#90
Hexachloroethane
Concen: 49.836 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion: 117 Resp: 54026
Ion Ratio Lower Upper
117 100
201 69.2 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 50.365 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD074959.D

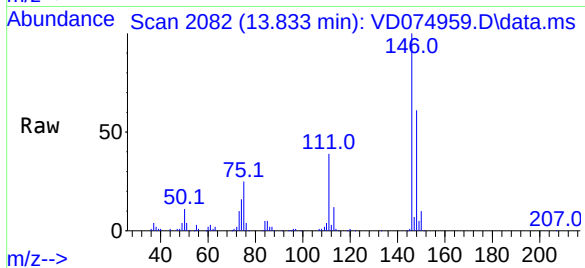
Acq: 16 Nov 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



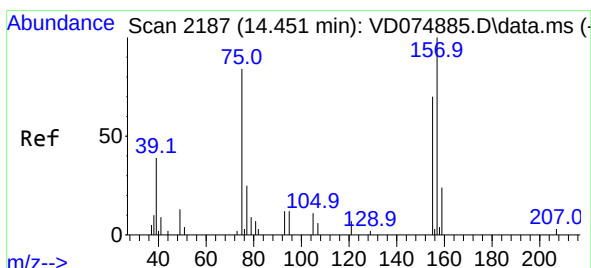
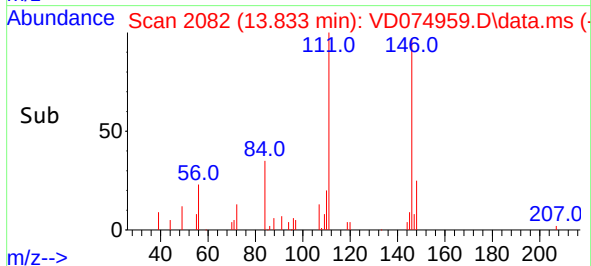
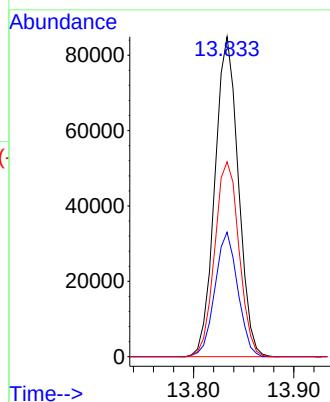
Tgt Ion:146 Resp: 138001

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.5

148 63.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.372 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD074959.D

Acq: 16 Nov 2022 19:59

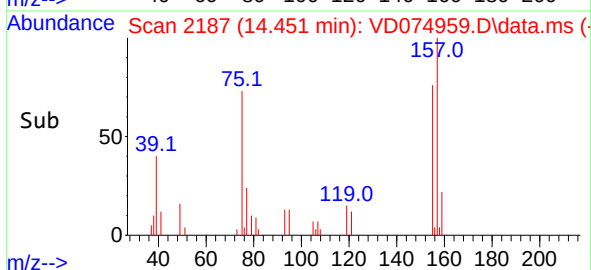
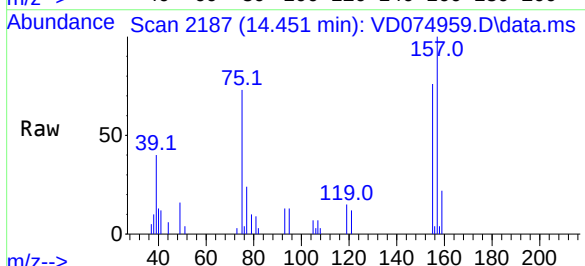
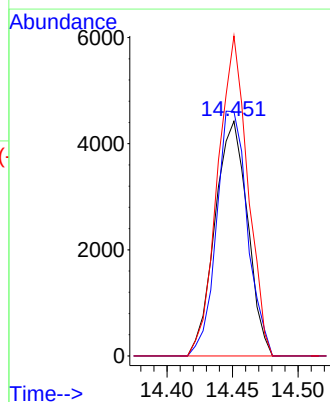
Tgt Ion: 75 Resp: 7647

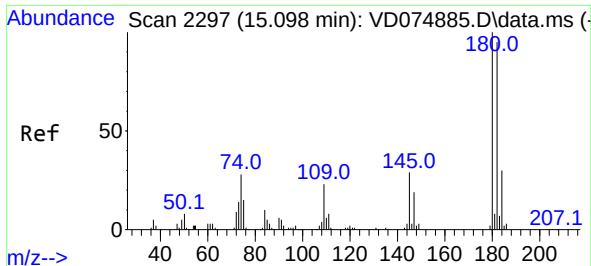
Ion Ratio Lower Upper

75 100

155 99.0 51.2 153.8

157 125.9 68.2 204.5

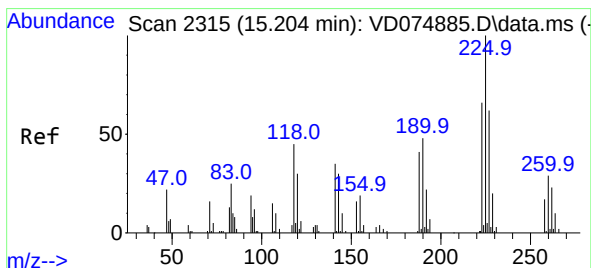
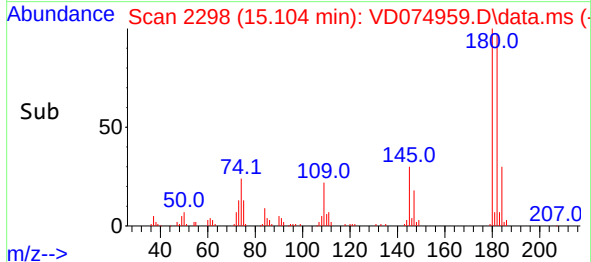
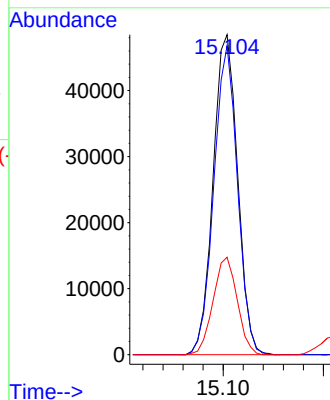
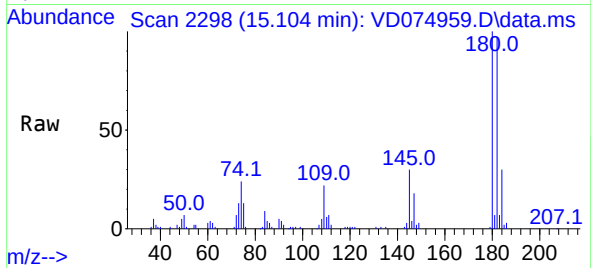




#93
1,2,4-Trichlorobenzene
Concen: 49.205 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

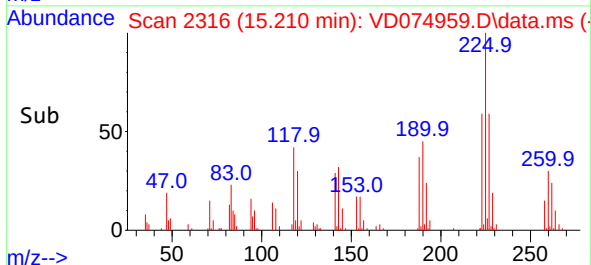
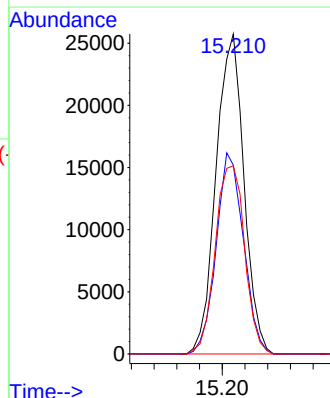
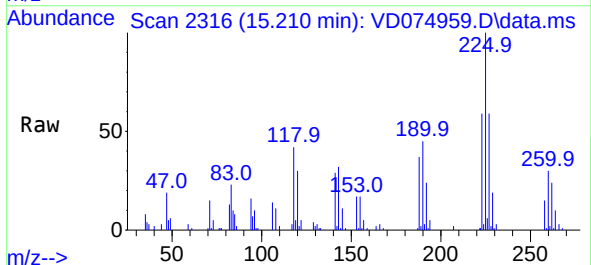
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

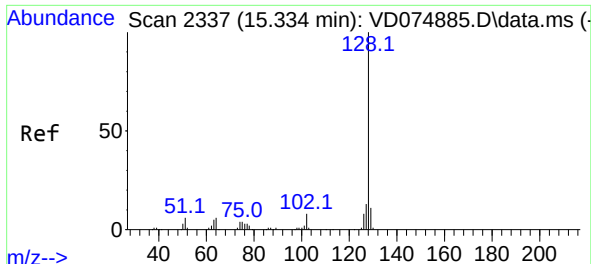
Tgt Ion:180 Resp: 82068
Ion Ratio Lower Upper
180 100
182 93.3 46.9 140.6
145 30.0 14.1 42.3



#94
Hexachlorobutadiene
Concen: 50.951 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:225 Resp: 43834
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.5
227 62.0 32.6 97.8

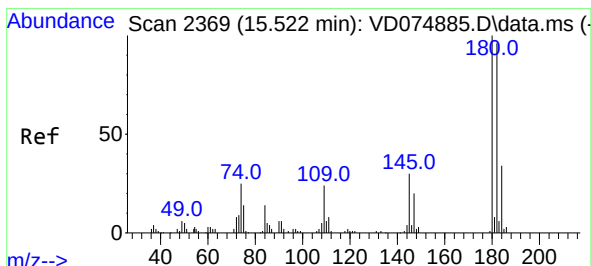
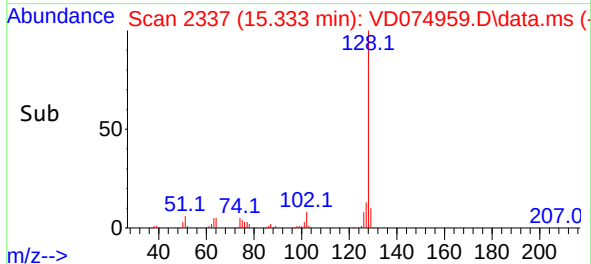
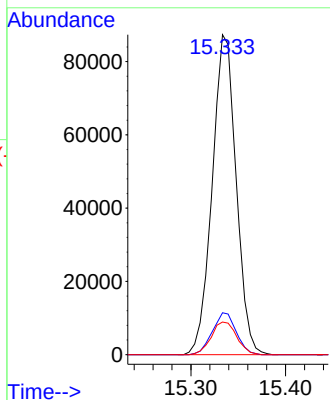
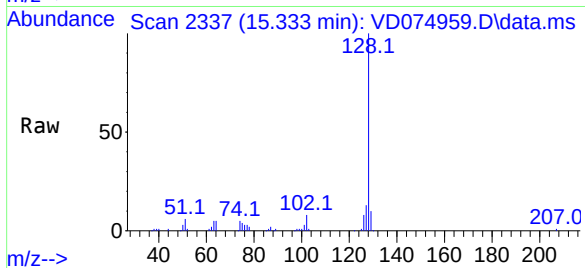




#95
Naphthalene
Concen: 49.581 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	153486
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 49.470 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD074959.D
Acq: 16 Nov 2022 19:59

Tgt Ion:	180	Resp:	71352
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.7	140.1
145	30.2	14.9	44.7

