

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075790.D
 Acq On : 24 Apr 2023 12:32
 Operator : KP/SY
 Sample : VD0424SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBS01

Quant Time: Apr 24 16:08:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	219328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	367295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	338859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	166509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99978	48.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.040%
35) Dibromofluoromethane	7.810	113	125892	50.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.920%
50) Toluene-d8	10.269	98	493064	49.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.575	95	135537	51.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	40985	20.111	ug/l	97
3) Chloromethane	2.146	50	63067	17.139	ug/l	97
4) Vinyl Chloride	2.281	62	84814	17.369	ug/l	99
5) Bromomethane	2.681	94	65023	17.055	ug/l	98
6) Chloroethane	2.834	64	56804	17.278	ug/l	95
7) Trichlorofluoromethane	3.175	101	76727	20.279	ug/l	95
8) Diethyl Ether	3.593	74	21551	18.301	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.964	101	49415	20.827	ug/l	94
10) Methyl Iodide	4.164	142	60837	18.736	ug/l #	89
11) Tert butyl alcohol	5.046	59	9782	93.624	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	50122	20.403	ug/l #	81
13) Acrolein	3.793	56	15719	74.586	ug/l	98
14) Allyl chloride	4.558	41	43726	19.544	ug/l #	78
15) Acrylonitrile	5.258	53	42102	95.724	ug/l	98
16) Acetone	4.022	43	36544	95.817	ug/l	92
17) Carbon Disulfide	4.269	76	141368	17.585	ug/l	100
18) Methyl Acetate	4.564	43	25984	20.203	ug/l #	70
19) Methyl tert-butyl Ether	5.316	73	88765	18.618	ug/l	99
20) Methylene Chloride	4.805	84	88540	27.980	ug/l #	68
21) trans-1,2-Dichloroethene	5.311	96	55471	18.959	ug/l #	68
22) Diisopropyl ether	6.216	45	103721	20.516	ug/l #	86
23) Vinyl Acetate	6.158	43	230014	97.954	ug/l #	86
24) 1,1-Dichloroethane	6.116	63	82708	19.743	ug/l	98
25) 2-Butanone	7.081	43	48224	98.203	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	72050	18.971	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	62236	19.203	ug/l	80
28) Bromochloromethane	7.428	49	26832	20.263	ug/l #	44
29) Tetrahydrofuran	7.446	42	25523	95.043	ug/l #	55
30) Chloroform	7.599	83	93118	19.608	ug/l	96
31) Cyclohexane	7.881	56	60902	18.642	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	77467	20.005	ug/l	96
36) 1,1-Dichloropropene	8.010	75	68525	20.106	ug/l	94
37) Ethyl Acetate	7.169	43	20582	19.844	ug/l #	80
38) Carbon Tetrachloride	7.993	117	62254	20.743	ug/l	99
39) Methylcyclohexane	9.275	83	77579	19.685	ug/l	92
40) Benzene	8.252	78	209159	19.741	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	11239	22.581	ug/l #	72
42) 1,2-Dichloroethane	8.328	62	48228	20.041	ug/l	88
43) Isopropyl Acetate	8.363	43	38288	20.244	ug/l #	82
44) Trichloroethene	9.028	130	60896	20.309	ug/l	93
45) 1,2-Dichloropropane	9.305	63	48720	20.520	ug/l #	88
46) Dibromomethane	9.393	93	29048	19.285	ug/l	94
47) Bromodichloromethane	9.587	83	69884	20.283	ug/l	97
48) Methyl methacrylate	9.381	41	17384	20.631	ug/l #	66
49) 1,4-Dioxane	9.393	88	6052	404.979	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	97302	96.491	ug/l #	80
52) Toluene	10.334	92	137221	19.477	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	60905	18.440	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	75569	19.257	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	41159	18.873	ug/l	92
56) Ethyl methacrylate	10.599	69	38745	18.052	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	64602	19.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	92177	100.003	ug/l #	86
59) 2-Hexanone	10.922	43	67894	95.756	ug/l	76
60) Dibromochloromethane	11.075	129	47911	18.774	ug/l	99
61) 1,2-Dibromoethane	11.181	107	39448	18.962	ug/l	97
64) Tetrachloroethene	10.810	164	50565	20.720	ug/l	95
65) Chlorobenzene	11.610	112	151446	20.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	51850	20.780	ug/l	96
67) Ethyl Benzene	11.687	91	240961	20.457	ug/l	96
68) m/p-Xylenes	11.793	106	200969	41.631	ug/l	92
69) o-Xylene	12.122	106	89946	20.606	ug/l	91
70) Styrene	12.140	104	157999	19.990	ug/l	92
71) Bromoform	12.304	173	28370	21.751	ug/l #	96
73) Isopropylbenzene	12.422	105	229198	20.973	ug/l	99
74) N-amyl acetate	12.234	43	33410	20.806	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	44501	20.963	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	50104	36.899	ug/l #	100
77) Bromobenzene	12.704	156	59763	21.213	ug/l	88
78) n-propylbenzene	12.763	91	284718	21.255	ug/l	97
79) 2-Chlorotoluene	12.851	91	156113	20.548	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	192462	21.126	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	12840	20.495	ug/l #	71
82) 4-Chlorotoluene	12.951	91	159643	20.208	ug/l	89
83) tert-Butylbenzene	13.169	119	160275	20.865	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	190472	20.836	ug/l	93
85) sec-Butylbenzene	13.345	105	251060	21.186	ug/l	97
86) p-Isopropyltoluene	13.463	119	207125	20.995	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	123760	21.116	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	119988	20.722	ug/l	97
89) n-Butylbenzene	13.793	91	184133	20.263	ug/l	98
90) Hexachloroethane	14.057	117	39992	20.403	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	105569	21.027	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5983	21.024	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	57996	19.856	ug/l	96
94) Hexachlorobutadiene	15.204	225	29310	20.994	ug/l	97
95) Naphthalene	15.334	128	101511	18.344	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	50990	19.834	ug/l	98

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QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

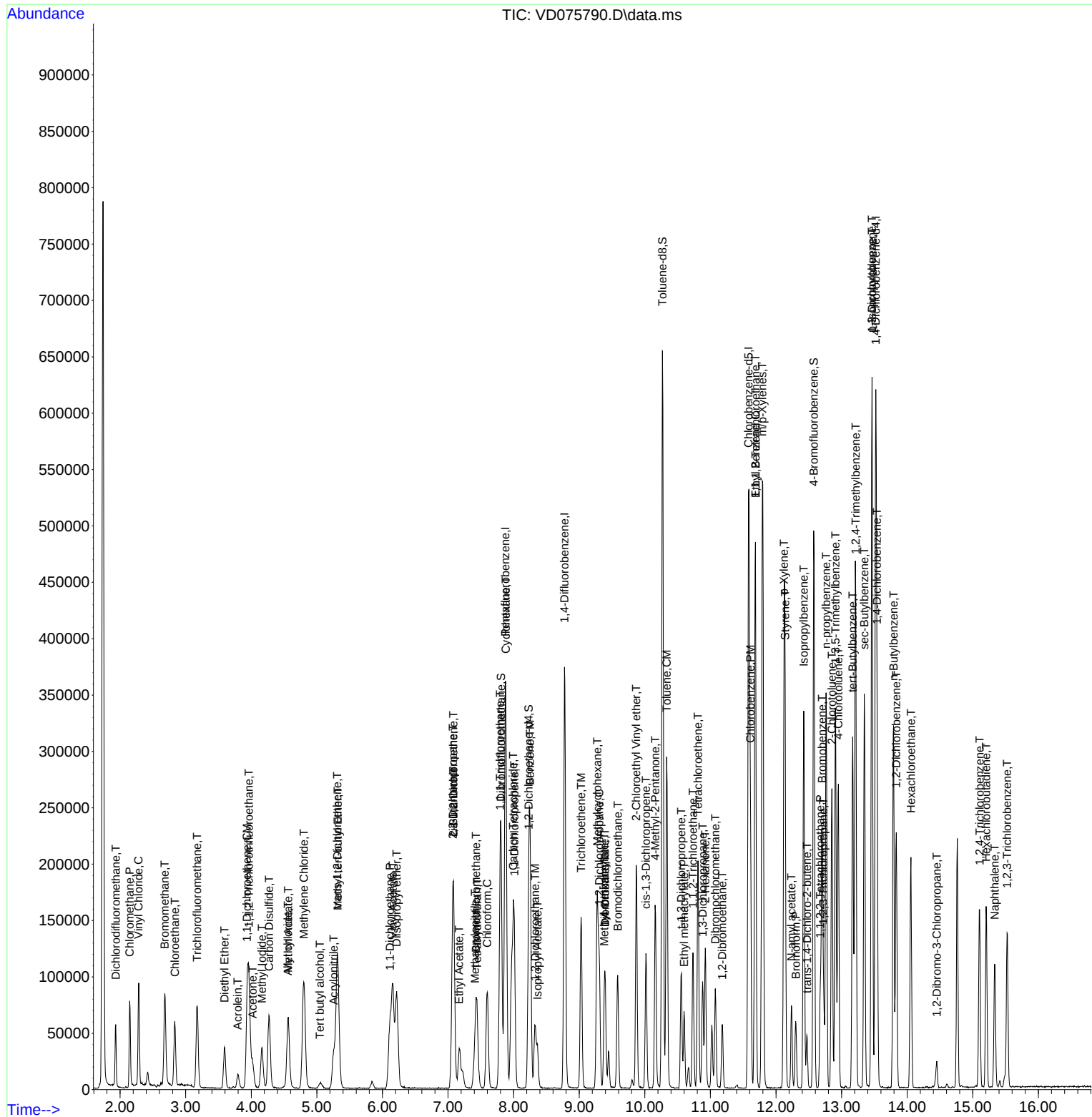
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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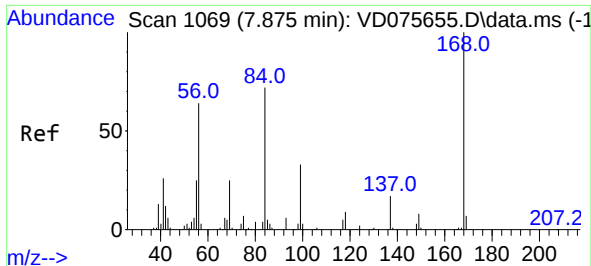
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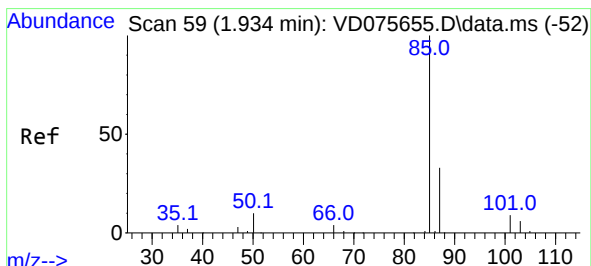
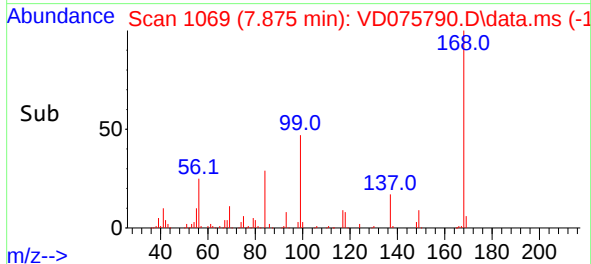
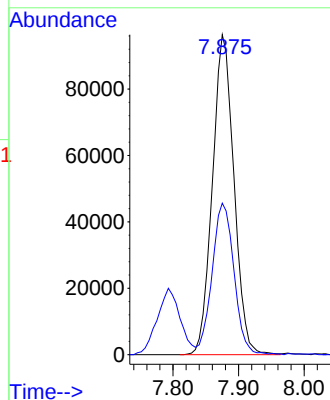
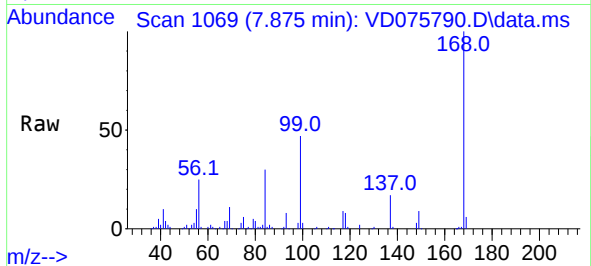




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075790.D
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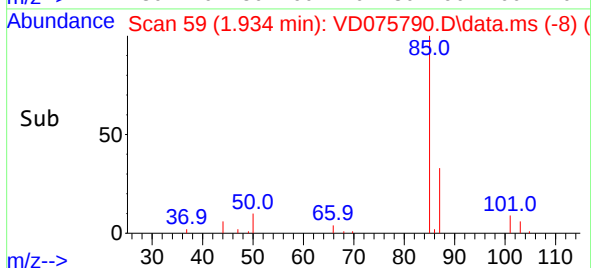
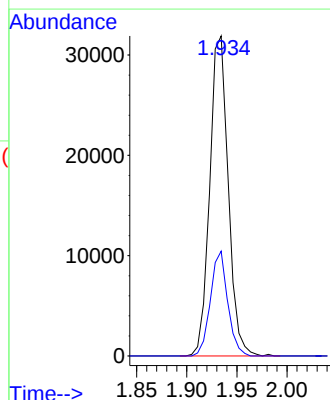
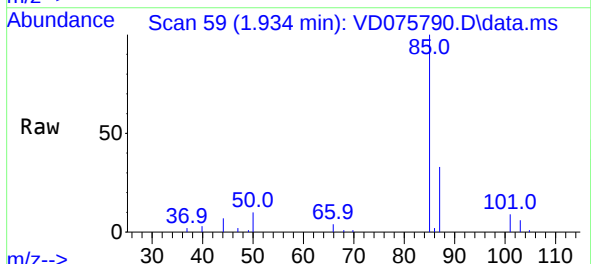
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

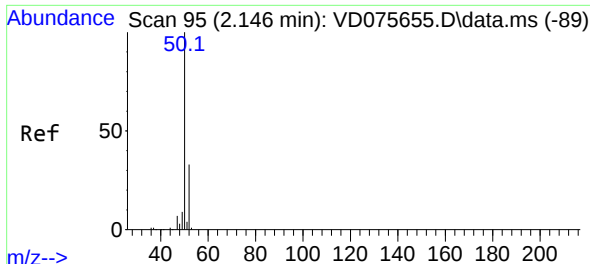
Tgt Ion:168 Resp: 219328
Ion Ratio Lower Upper
168 100
99 47.1 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 20.111 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 85 Resp: 40985
Ion Ratio Lower Upper
85 100
87 32.8 17.3 51.7

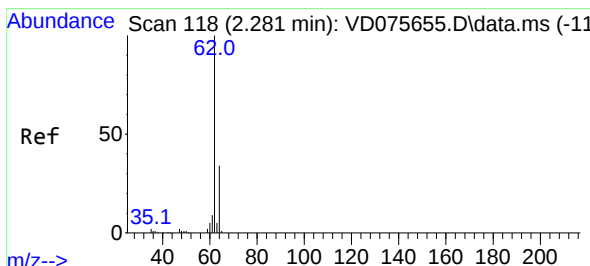
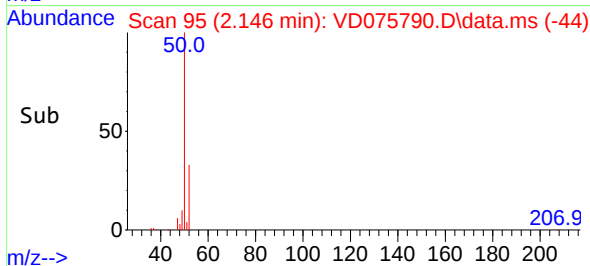
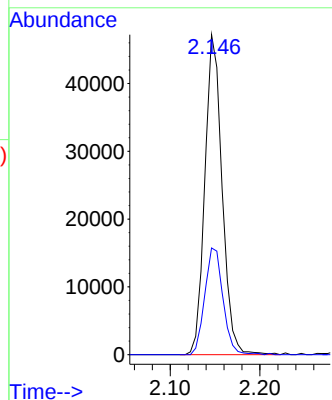
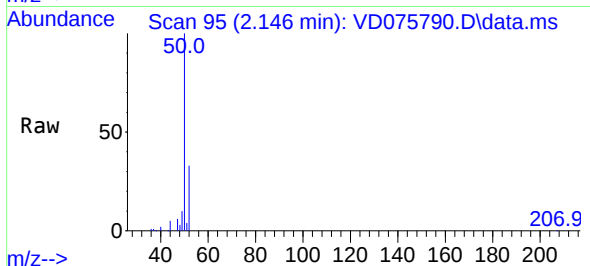




#3
Chloromethane
Concen: 17.139 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

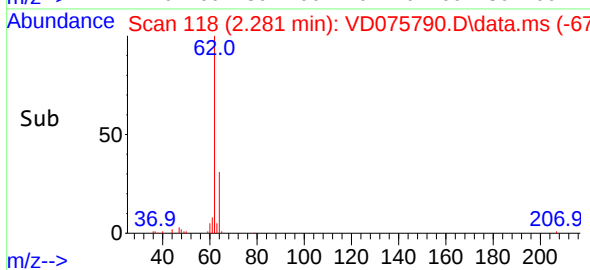
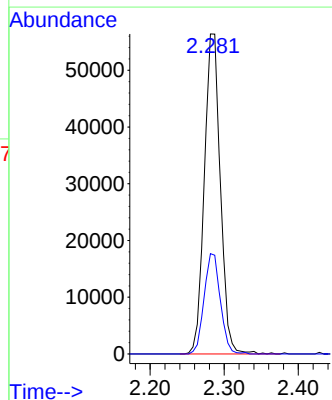
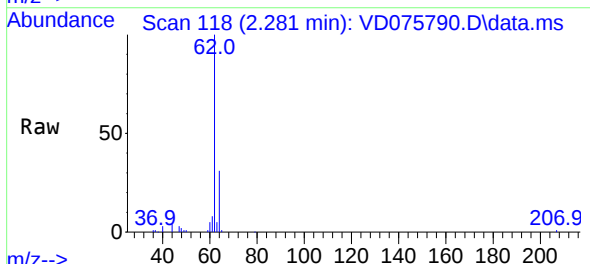
Instrument :
MSVOA_D
ClientSampleId :
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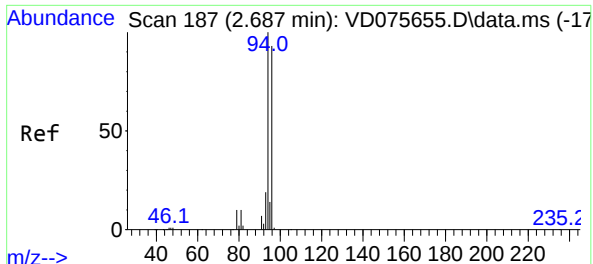
Tgt Ion: 50 Resp: 63067
Ion Ratio Lower Upper
50 100
52 33.3 27.8 41.8



#4
Vinyl Chloride
Concen: 17.369 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 62 Resp: 84814
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

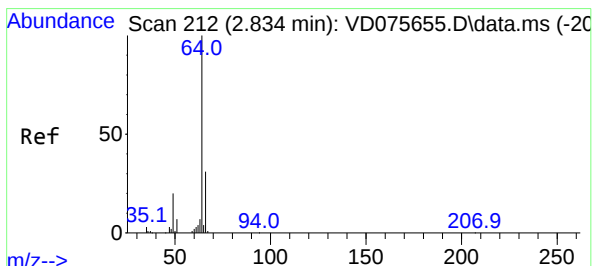
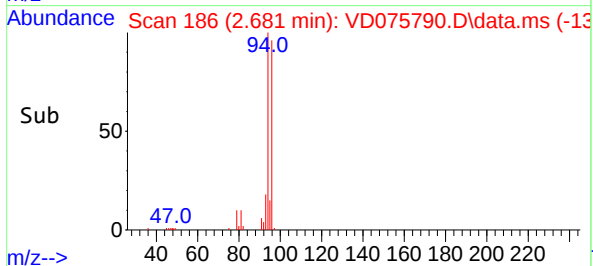
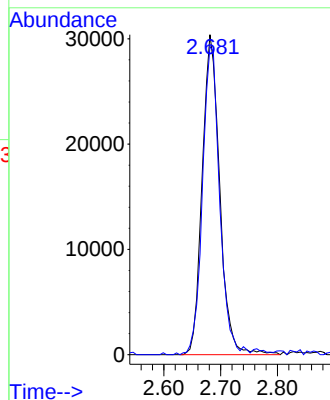
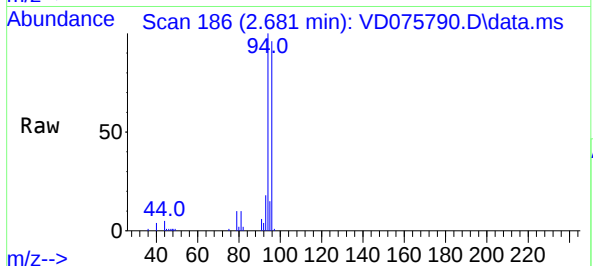




#5
Bromomethane
Concen: 17.055 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

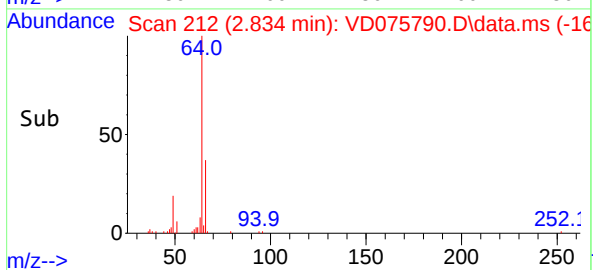
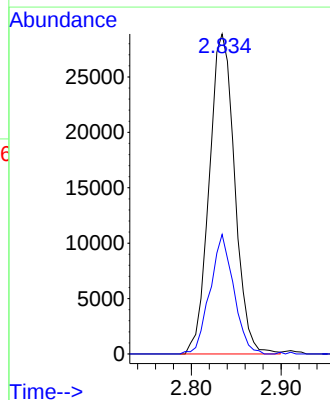
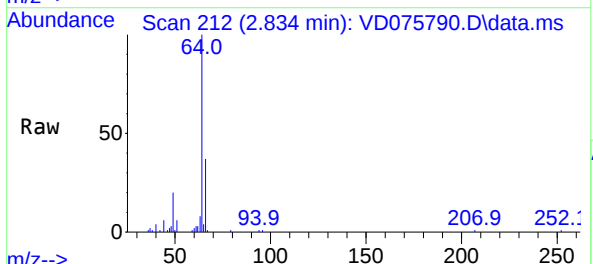
Instrument :
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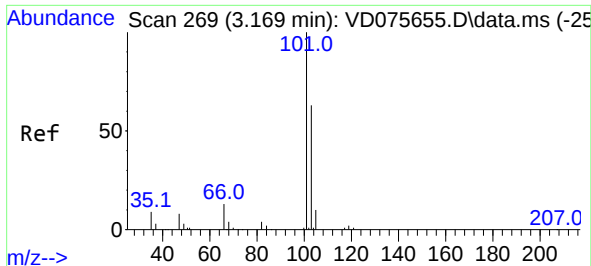
Tgt Ion: 94 Resp: 65023
Ion Ratio Lower Upper
94 100
96 94.5 77.5 116.3



#6
Chloroethane
Concen: 17.278 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 64 Resp: 56804
Ion Ratio Lower Upper
64 100
66 37.3 27.7 41.5

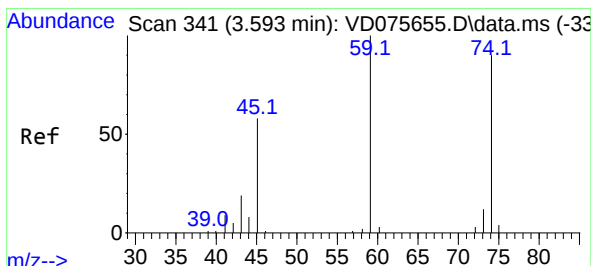
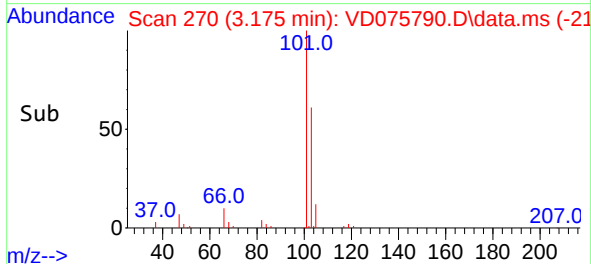
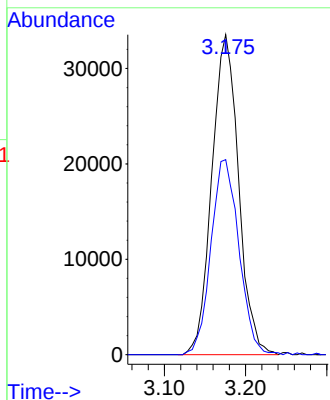
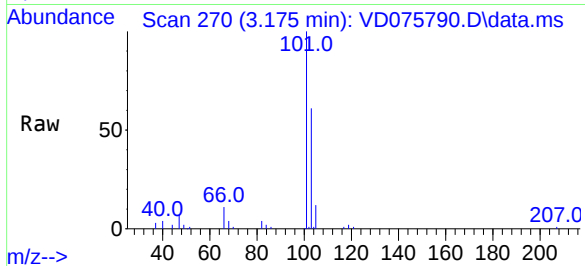




#7
Trichlorofluoromethane
Concen: 20.279 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

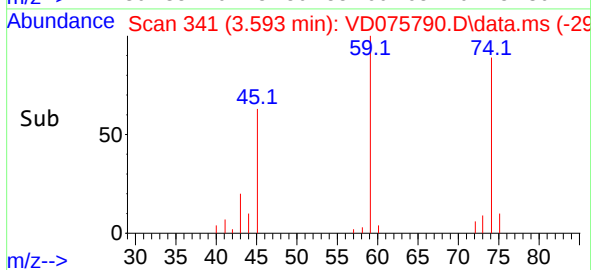
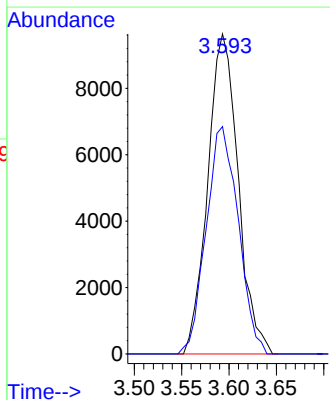
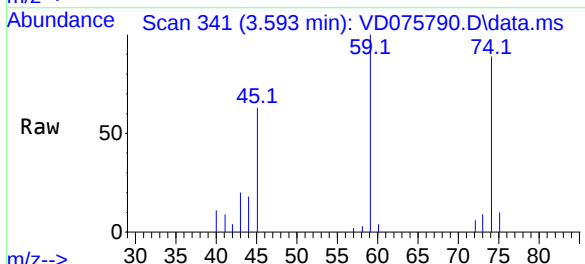
Instrument :
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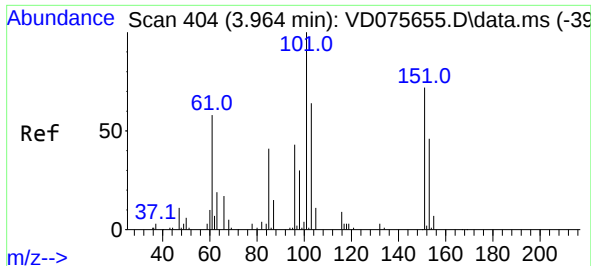
Tgt Ion:101 Resp: 76727
Ion Ratio Lower Upper
101 100
103 60.9 51.9 77.9



#8
Diethyl Ether
Concen: 18.301 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 74 Resp: 21551
Ion Ratio Lower Upper
74 100
45 74.9 50.9 152.7

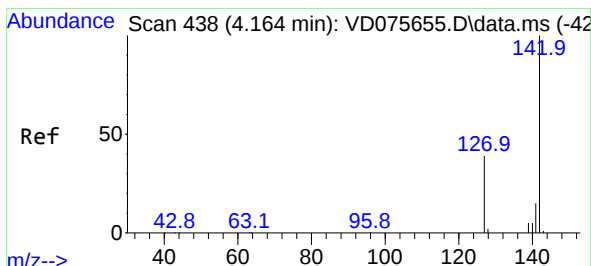
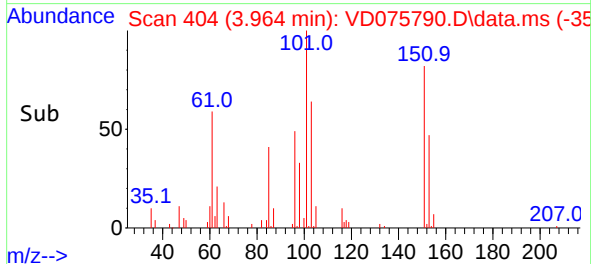
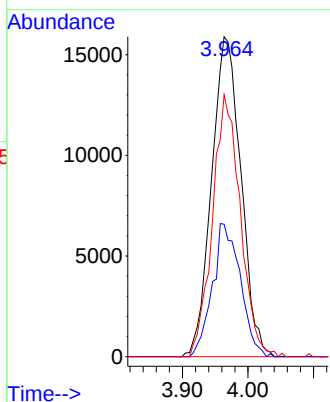
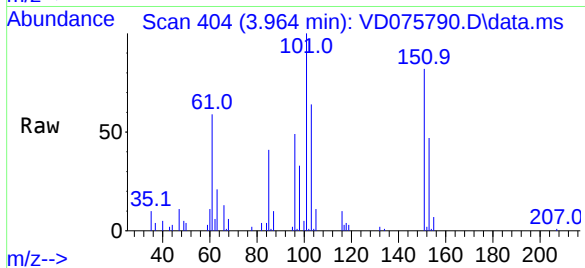




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.827 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

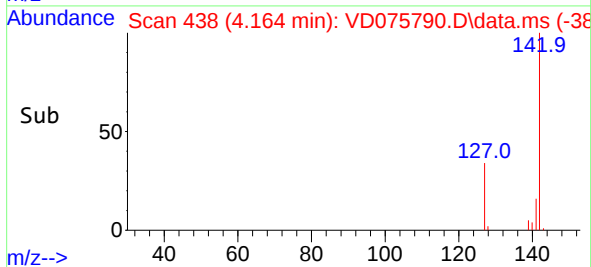
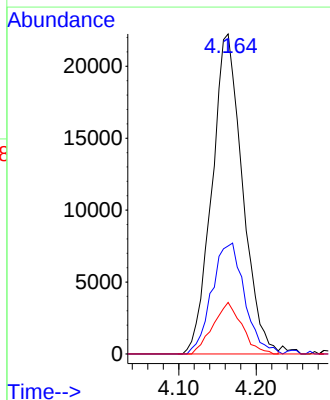
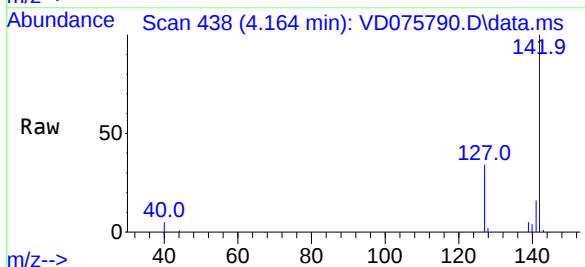
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

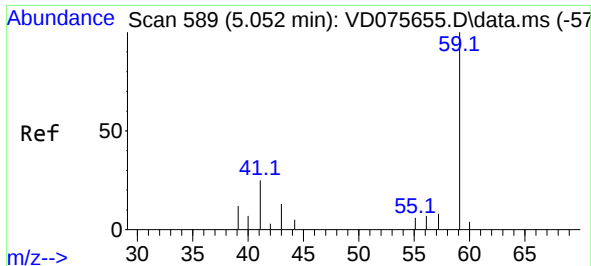
Tgt Ion:101	Resp:	49415
Ion	Ratio	Lower Upper
101	100	
85	39.6	38.3 57.5
151	77.4	60.4 90.6



#10
Methyl Iodide
Concen: 18.736 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:142	Resp:	60837
Ion	Ratio	Lower Upper
142	100	
127	37.1	37.1 55.7#
141	15.3	11.3 16.9





#11

Tert butyl alcohol

Concen: 93.624 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

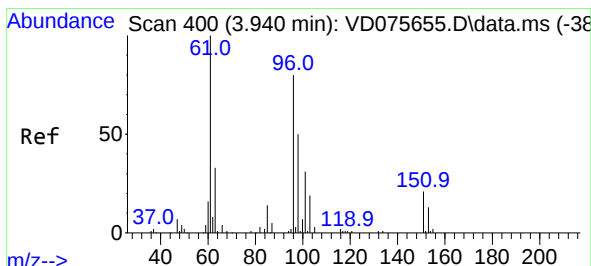
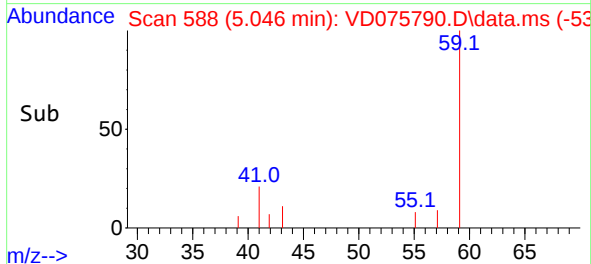
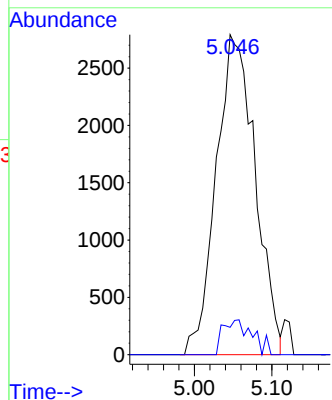
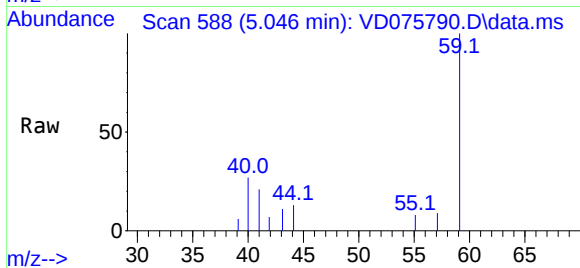
VD0424SBS01

Tgt Ion: 59 Resp: 9782

Ion Ratio Lower Upper

59 100

57 8.2 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 20.403 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

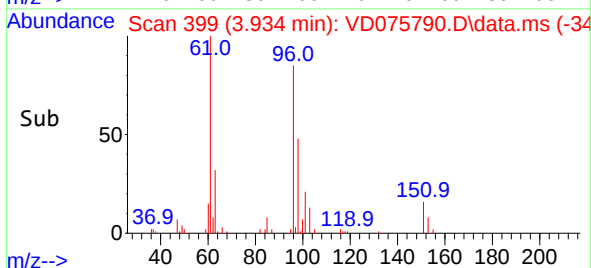
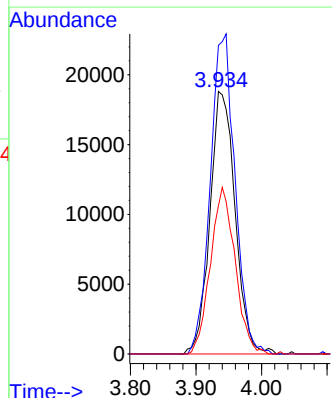
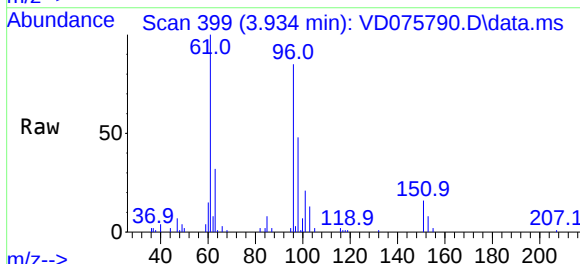
Tgt Ion: 96 Resp: 50122

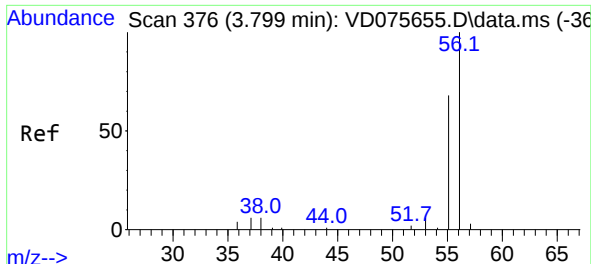
Ion Ratio Lower Upper

96 100

61 117.6 118.6 177.8#

98 56.4 49.7 74.5





#13

Acrolein

Concen: 74.586 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

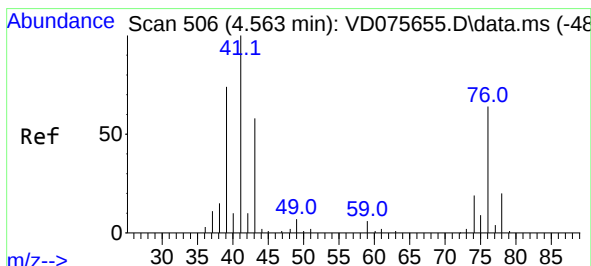
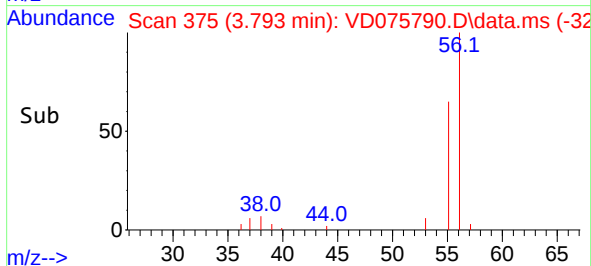
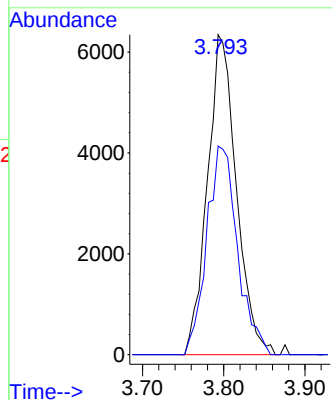
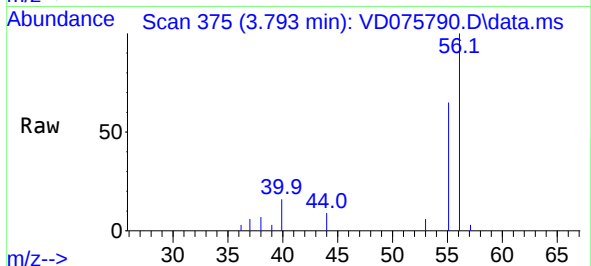
VD0424SBS01

Tgt Ion: 56 Resp: 15719

Ion Ratio Lower Upper

56 100

55 69.3 53.9 80.9



#14

Allyl chloride

Concen: 19.544 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

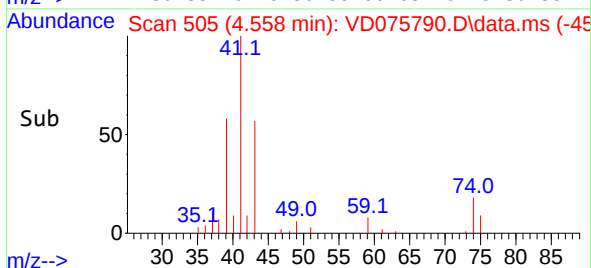
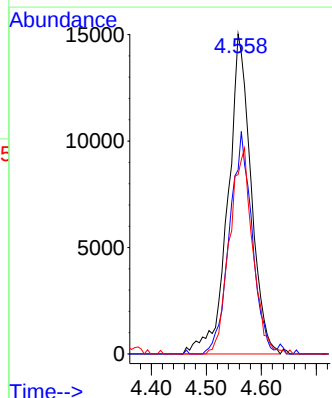
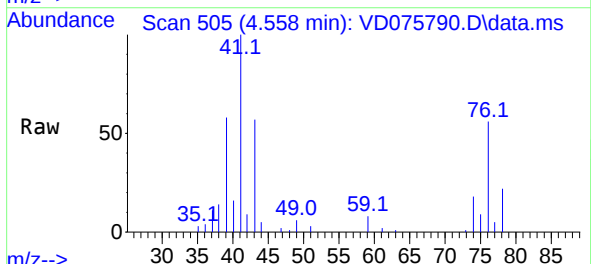
Tgt Ion: 41 Resp: 43726

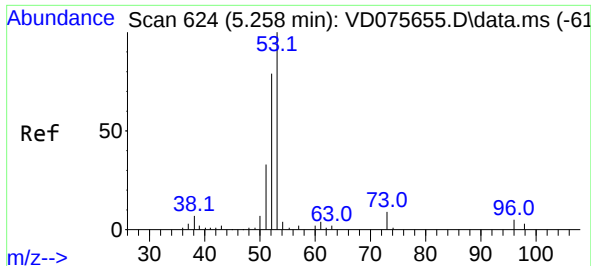
Ion Ratio Lower Upper

41 100

39 67.8 60.6 90.8

76 64.6 28.6 43.0#

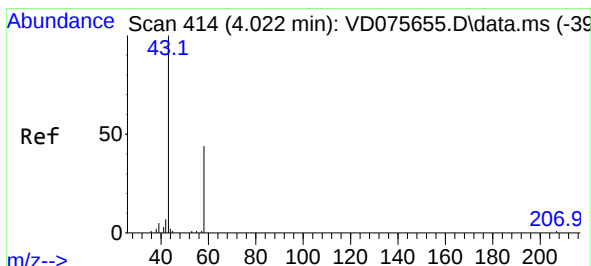
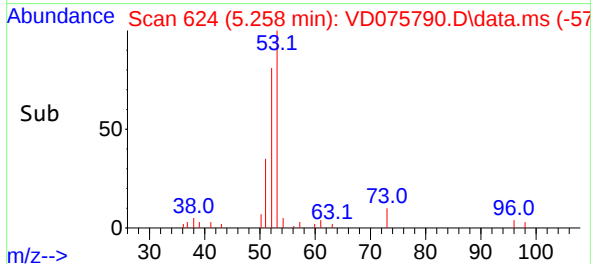
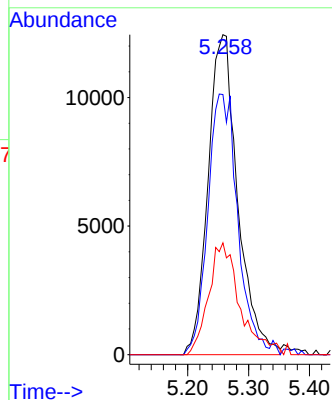
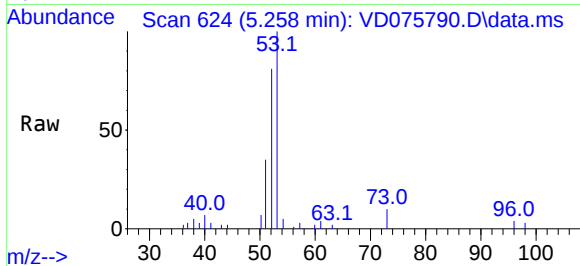




#15
Acrylonitrile
Concen: 95.724 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

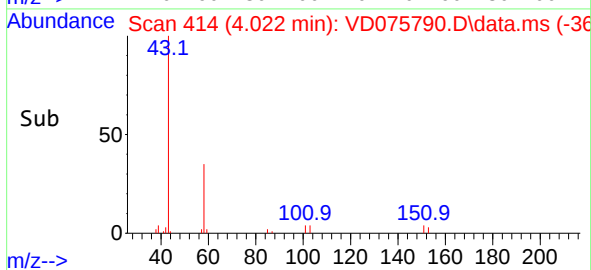
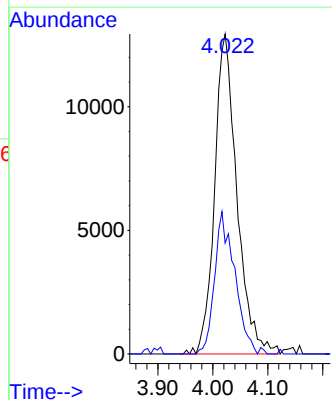
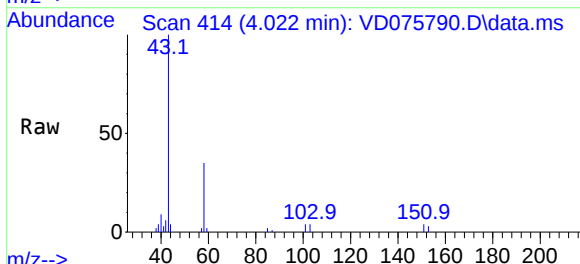
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

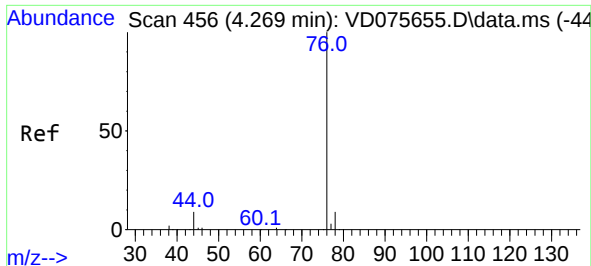
Tgt Ion:	53	Resp:	42102
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.4
51	36.8	30.7	46.1



#16
Acetone
Concen: 95.817 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:	43	Resp:	36544
Ion	Ratio	Lower	Upper
43	100		
58	34.6	24.4	36.6

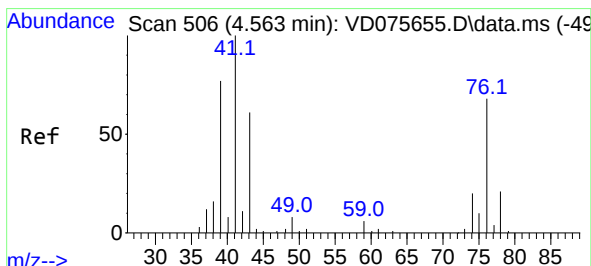
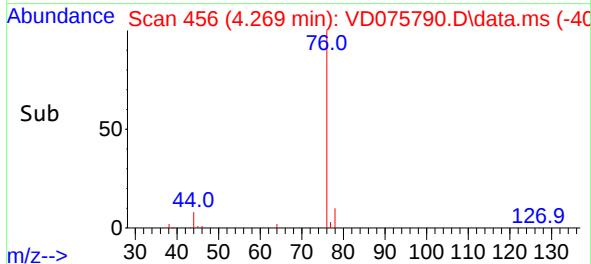
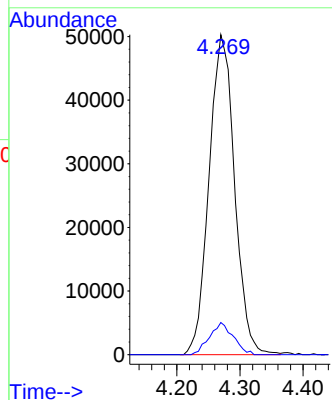
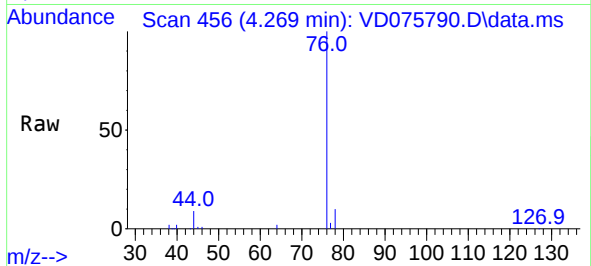




#17
Carbon Disulfide
Concen: 17.585 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

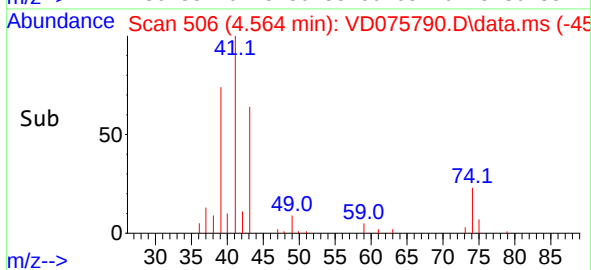
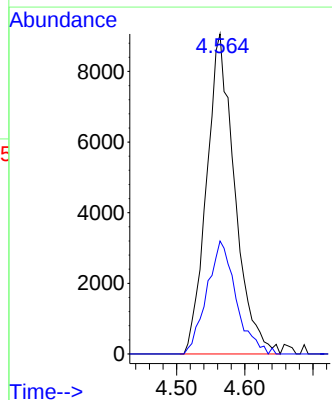
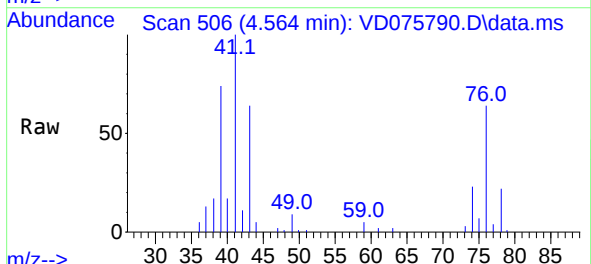
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

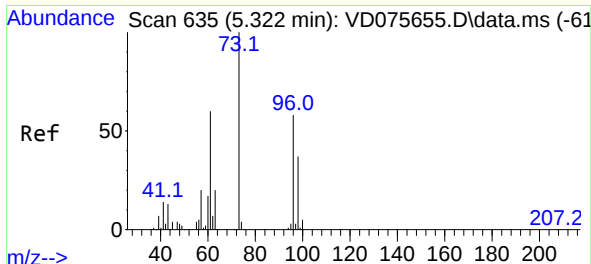
Tgt Ion: 76 Resp: 141368
Ion Ratio Lower Upper
76 100
78 10.1 8.0 12.0



#18
Methyl Acetate
Concen: 20.203 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 43 Resp: 25984
Ion Ratio Lower Upper
43 100
74 36.7 17.8 26.6#

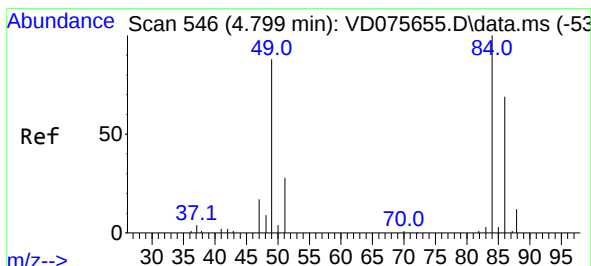
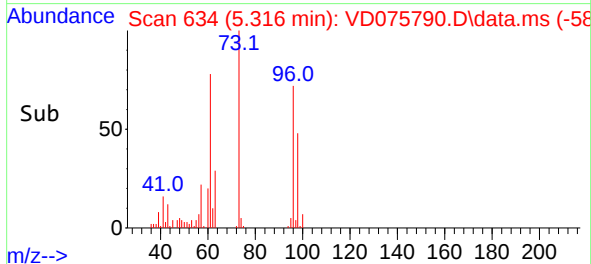
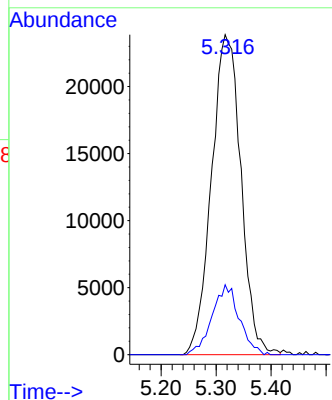
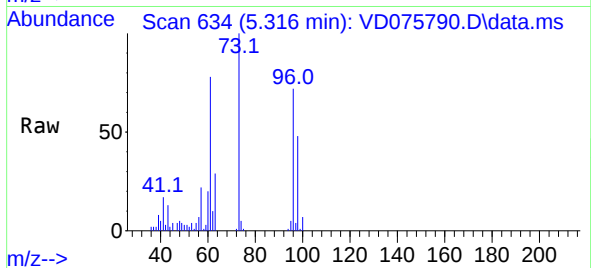




#19
Methyl tert-butyl Ether
Concen: 18.618 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

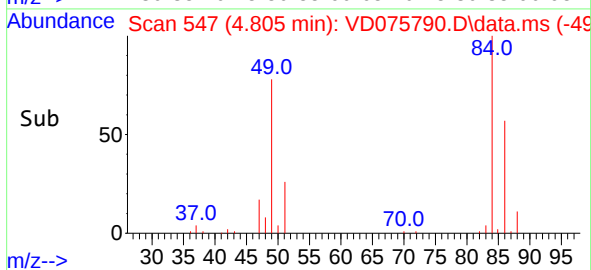
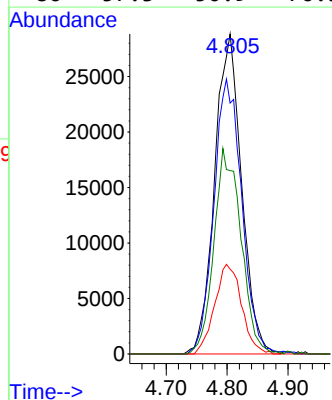
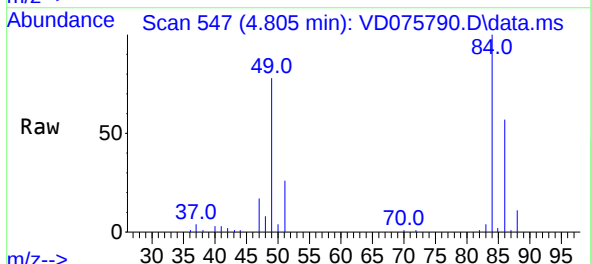
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

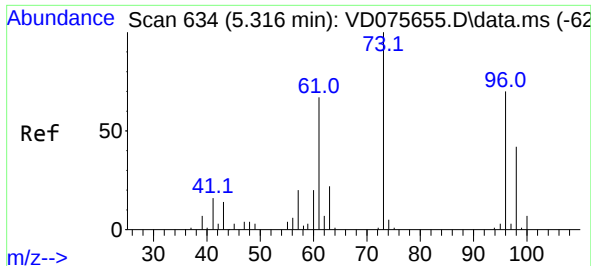
Tgt Ion: 73 Resp: 88765
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 27.980 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 84 Resp: 88540
Ion Ratio Lower Upper
84 100
49 78.4 106.4 159.6#
51 26.5 32.4 48.6#
86 57.3 50.9 76.3

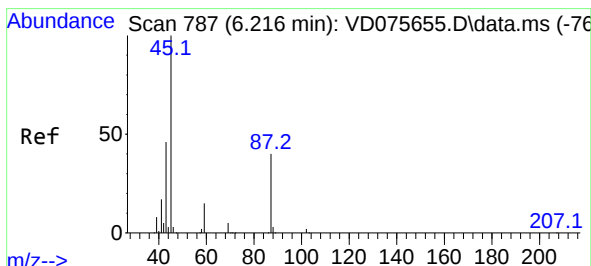
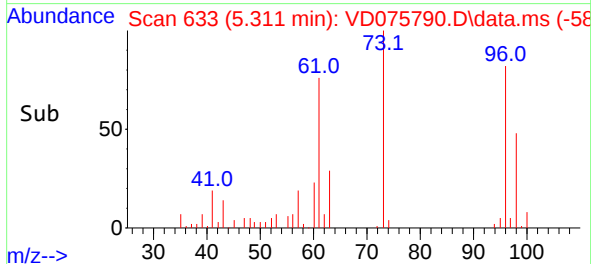
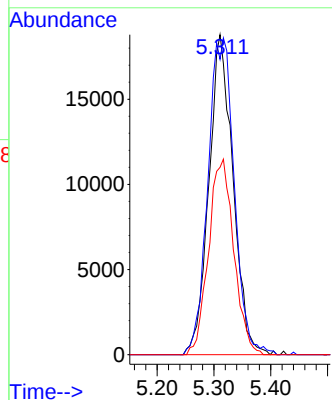
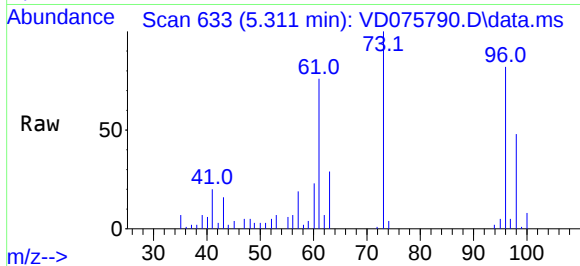




#21
trans-1,2-Dichloroethene
Concen: 18.959 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

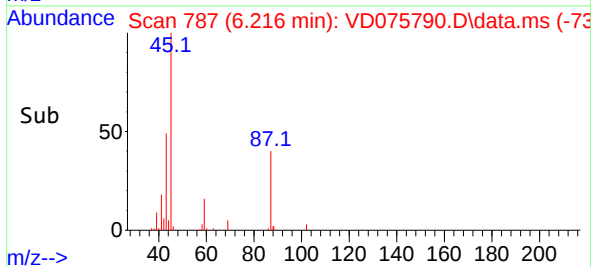
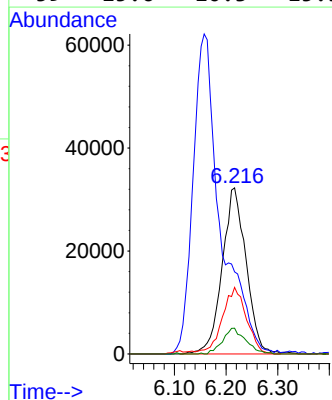
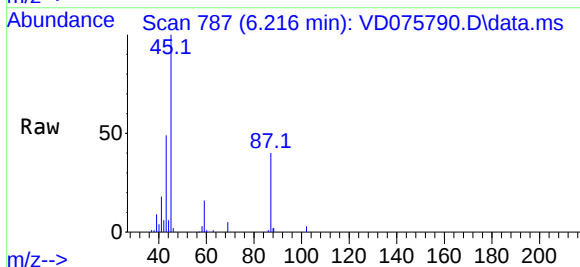
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

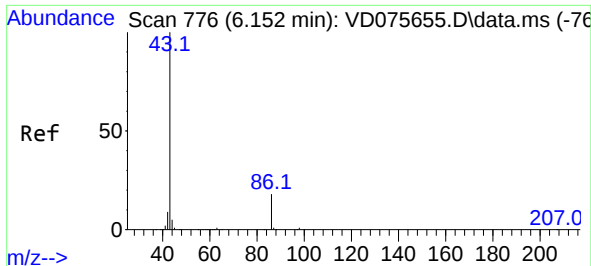
Tgt Ion: 96 Resp: 55471
Ion Ratio Lower Upper
96 100
61 92.3 117.2 175.8#
98 58.5 50.6 76.0



#22
Diisopropyl ether
Concen: 20.516 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 45 Resp: 103721
Ion Ratio Lower Upper
45 100
43 48.6 44.4 66.6
87 40.1 20.9 31.3#
59 15.6 10.3 15.5#

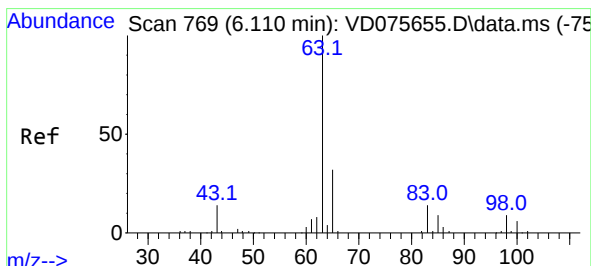
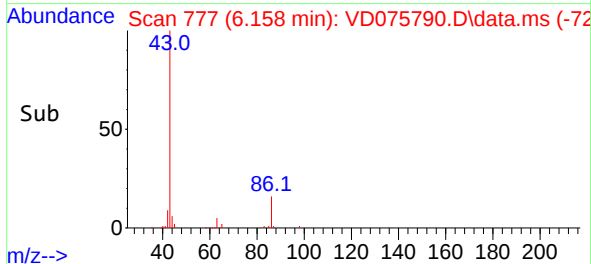
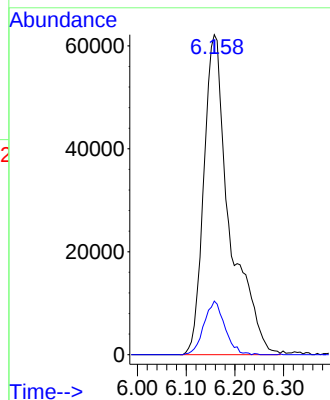
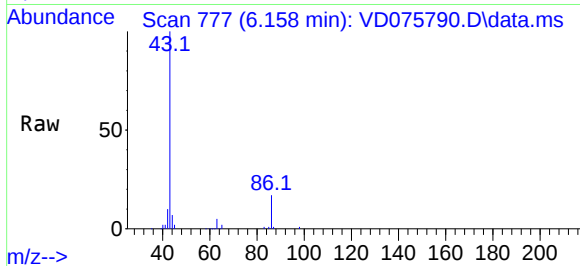




#23
 Vinyl Acetate
 Concen: 97.954 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

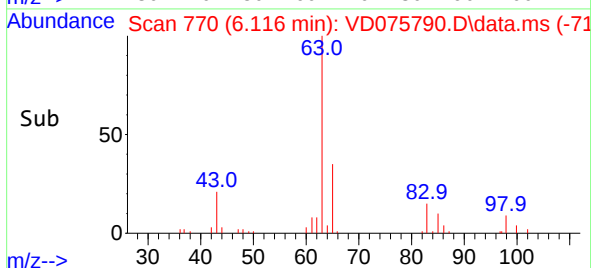
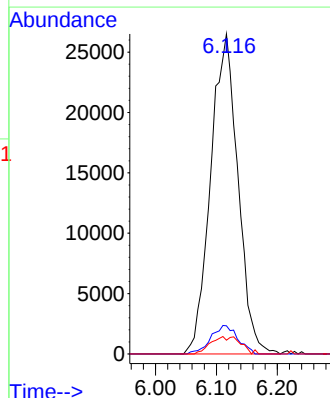
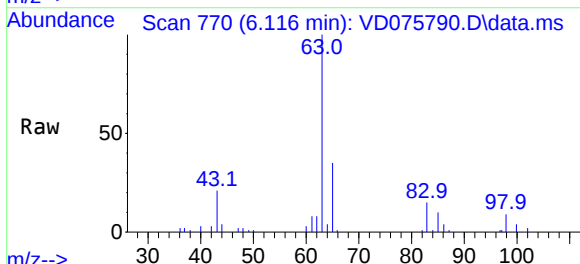
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBS01

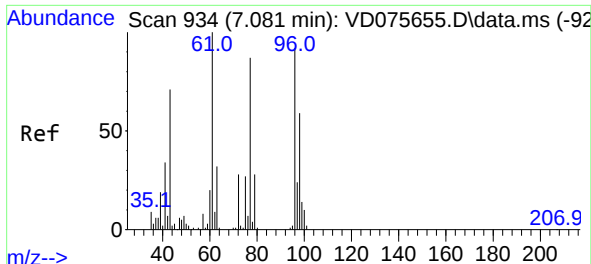
Tgt Ion: 43 Resp: 230014
 Ion Ratio Lower Upper
 43 100
 86 16.7 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 19.743 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

Tgt Ion: 63 Resp: 82708
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.3 2.0 6.0

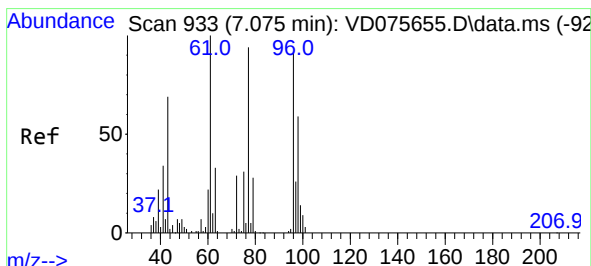
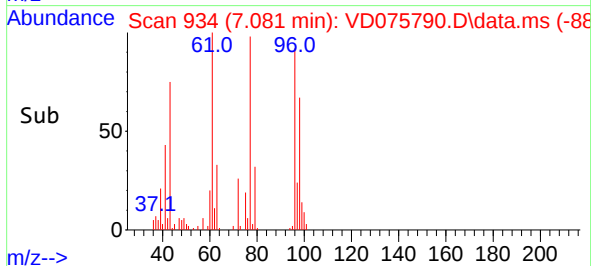
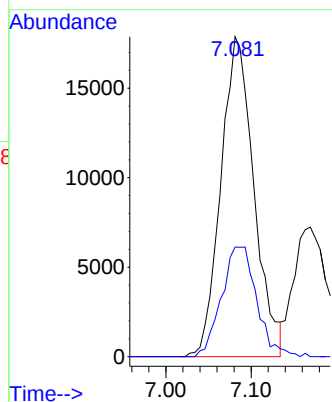
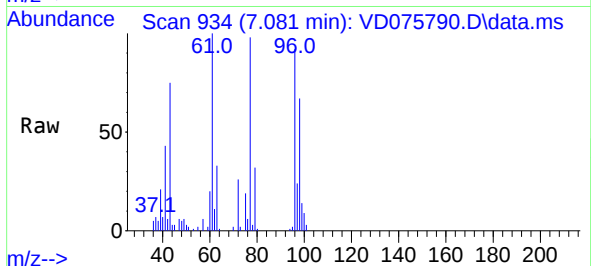




#25
2-Butanone
Concen: 98.203 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

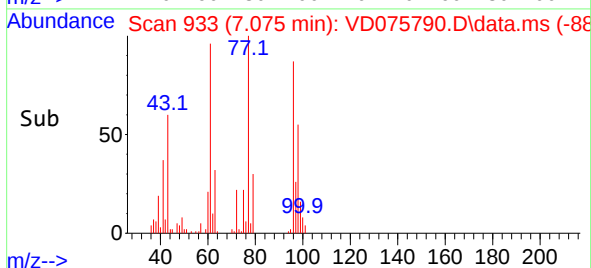
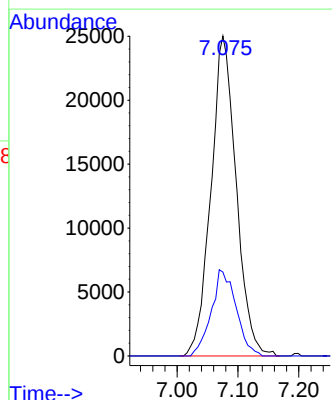
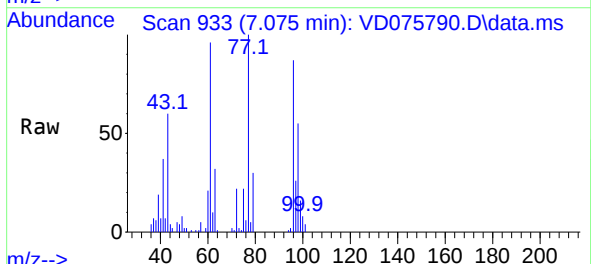
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

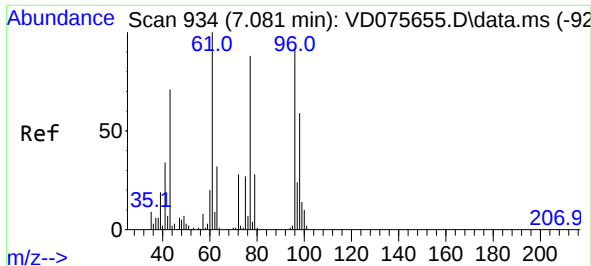
Tgt Ion: 43 Resp: 48224
Ion Ratio Lower Upper
43 100
72 34.3 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 18.971 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 77 Resp: 72050
Ion Ratio Lower Upper
77 100
97 26.5 11.1 33.1



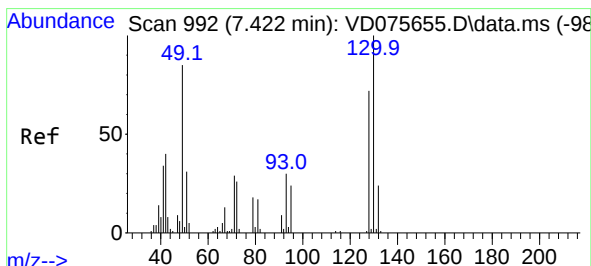
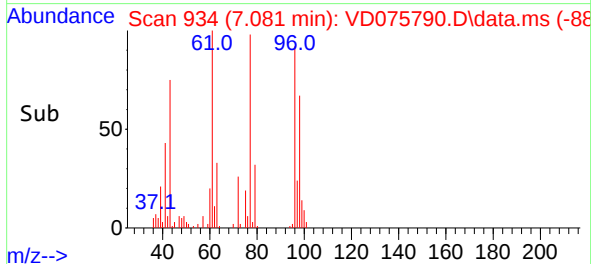
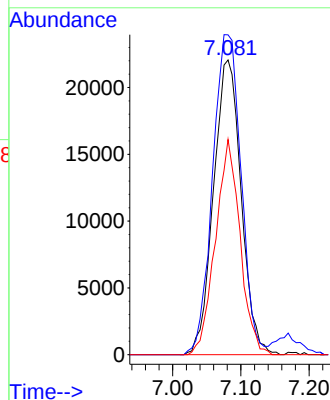
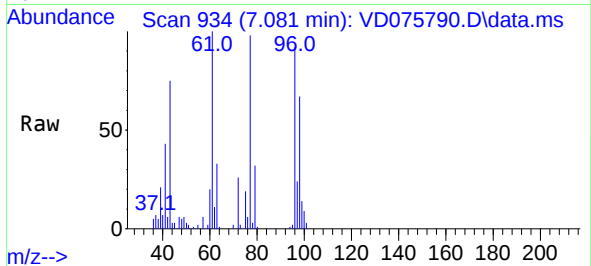


#27
 cis-1,2-Dichloroethene
 Concen: 19.203 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBS01

Tgt Ion: 96 Resp: 62236

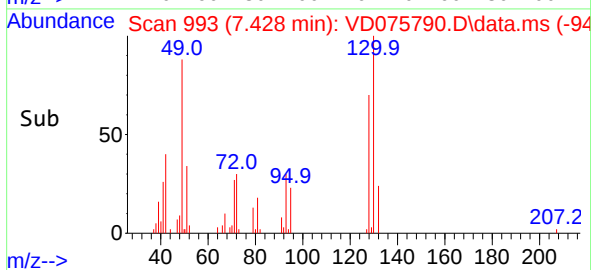
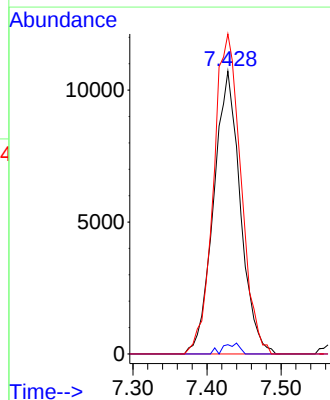
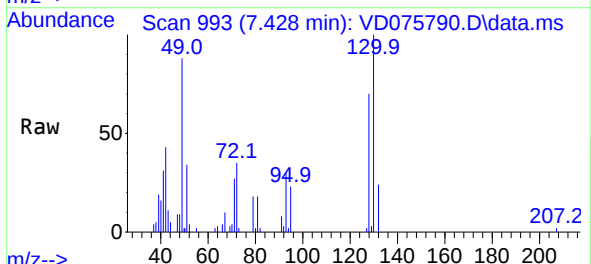
Ion	Ratio	Lower	Upper
96	100		
61	112.0	0.0	295.2
98	65.2	0.0	129.2

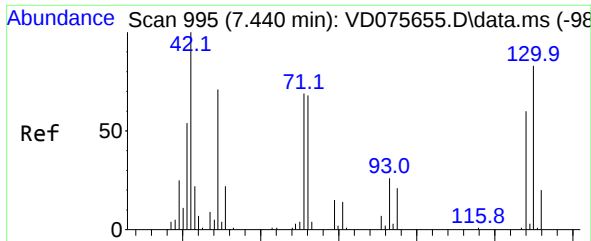


#28
 Bromochloromethane
 Concen: 20.263 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

Tgt Ion: 49 Resp: 26832

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	116.2	56.0	84.0#





#29

Tetrahydrofuran

Concen: 95.043 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBS01

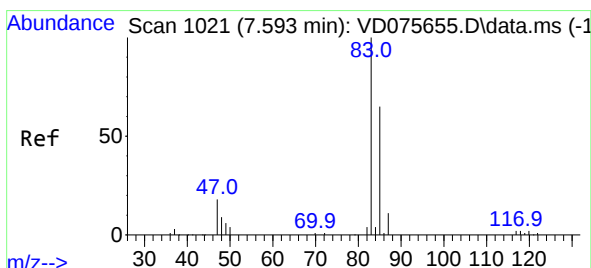
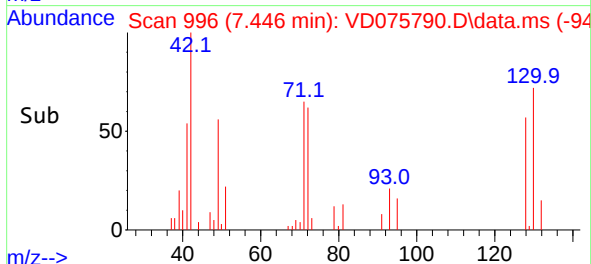
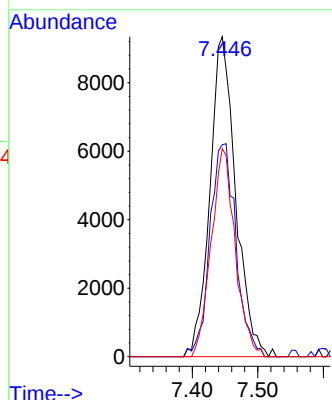
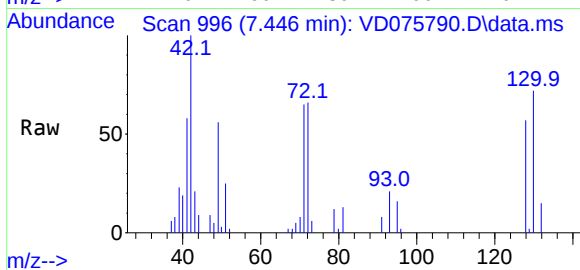
Tgt Ion: 42 Resp: 25523

Ion Ratio Lower Upper

42 100

72 67.3 31.8 47.6#

71 60.4 27.6 41.4#



#30

Chloroform

Concen: 19.608 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD075790.D

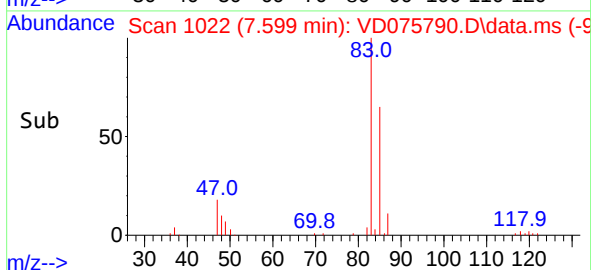
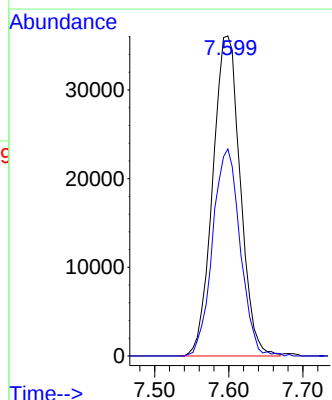
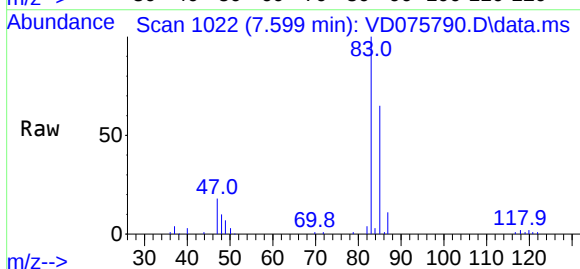
Acq: 24 Apr 2023 12:32

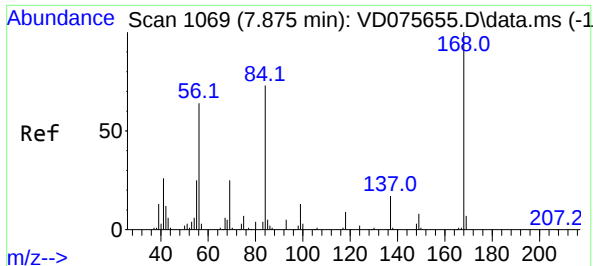
Tgt Ion: 83 Resp: 93118

Ion Ratio Lower Upper

83 100

85 64.7 49.4 74.2

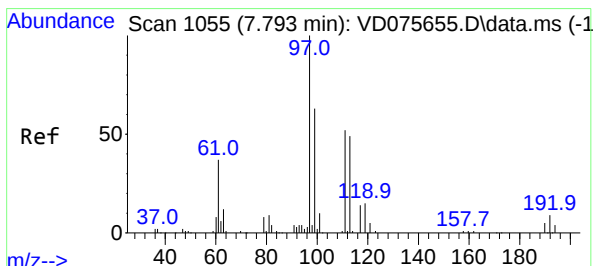
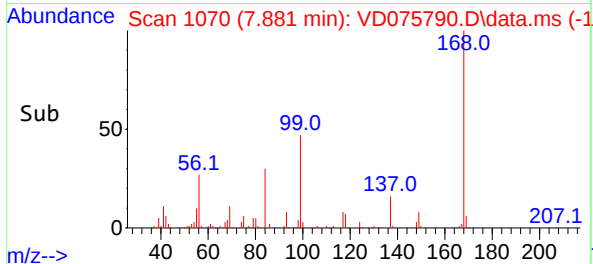
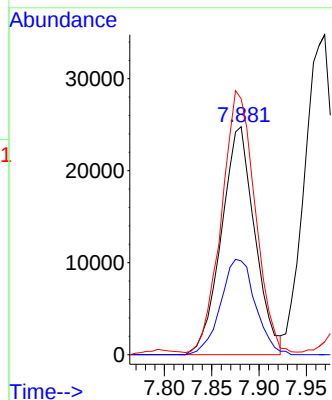
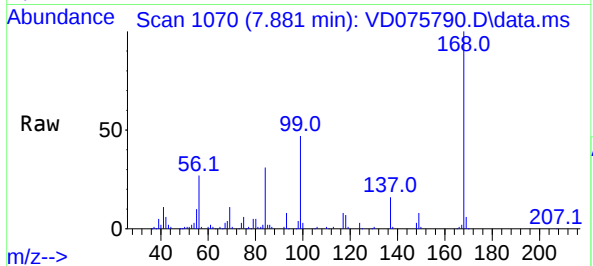




#31
Cyclohexane
Concen: 18.642 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

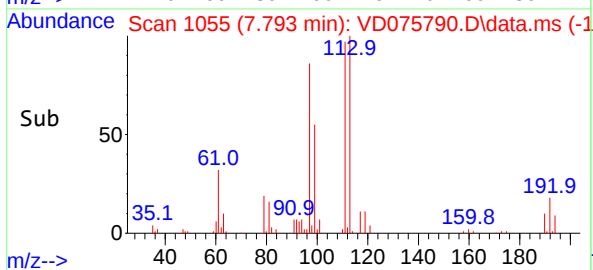
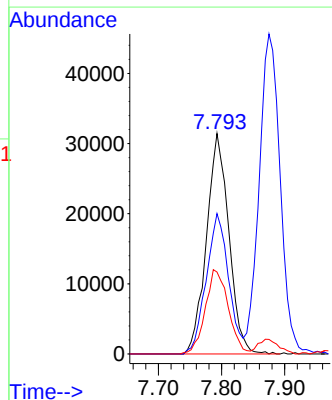
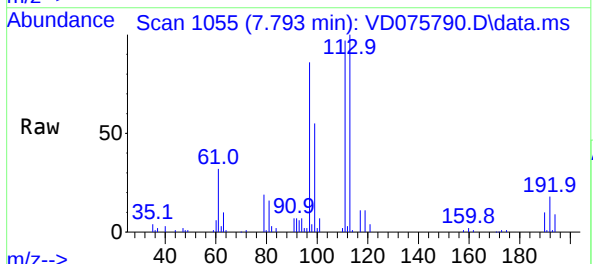
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

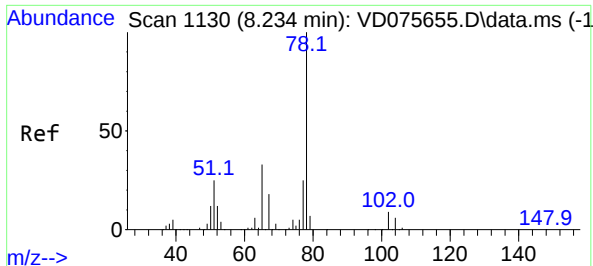
Tgt Ion: 56 Resp: 60902
Ion Ratio Lower Upper
56 100
69 41.2 25.5 38.3#
84 111.0 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.005 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 97 Resp: 77467
Ion Ratio Lower Upper
97 100
99 63.5 50.5 75.7
61 39.4 36.6 55.0

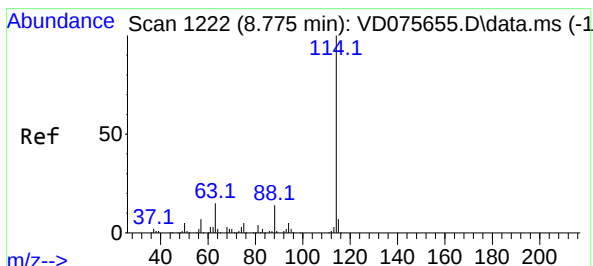
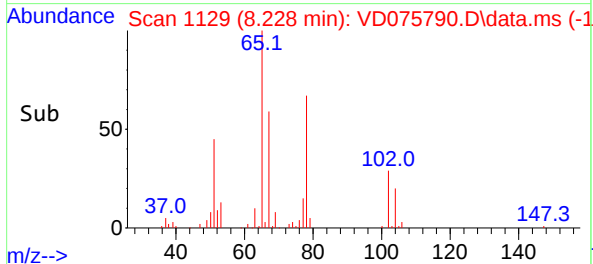
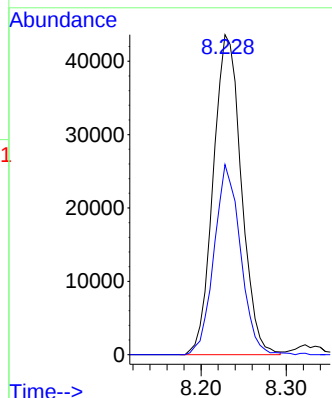
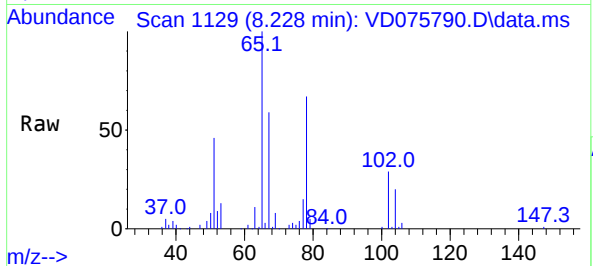




#33
1,2-Dichloroethane-d4
Concen: 48.024 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

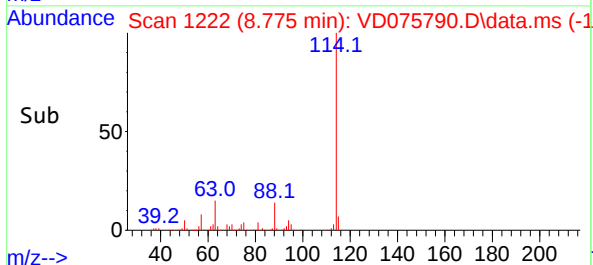
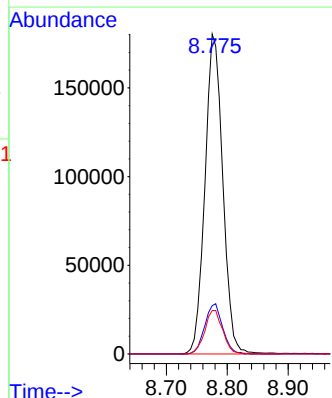
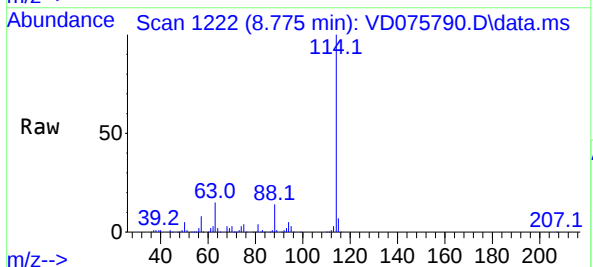
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

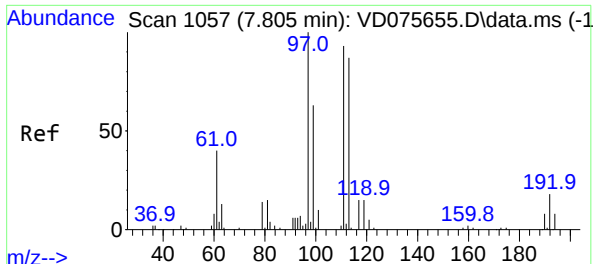
Tgt Ion: 65 Resp: 99978
Ion Ratio Lower Upper
65 100
67 56.0 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 114 Resp: 367295
Ion Ratio Lower Upper
114 100
63 15.1 0.0 41.6
88 13.6 0.0 30.6

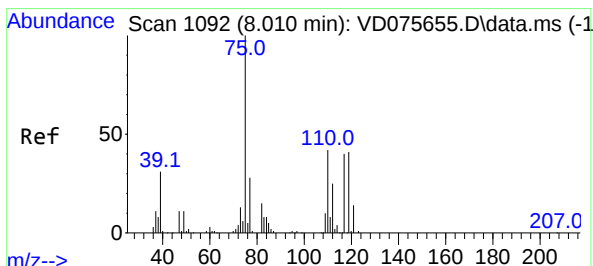
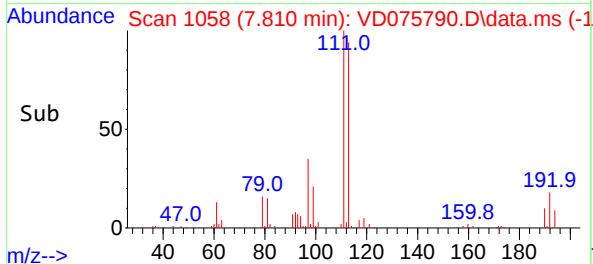
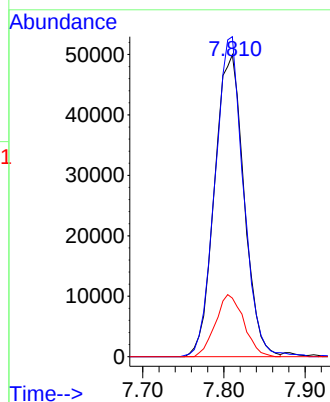
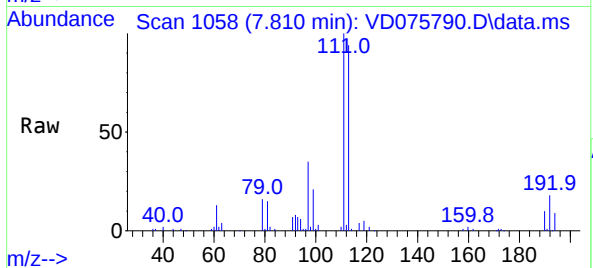




#35
Dibromofluoromethane
Concen: 50.960 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

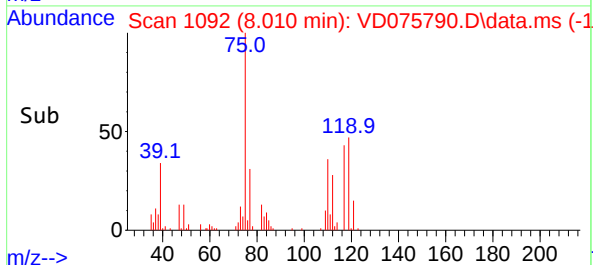
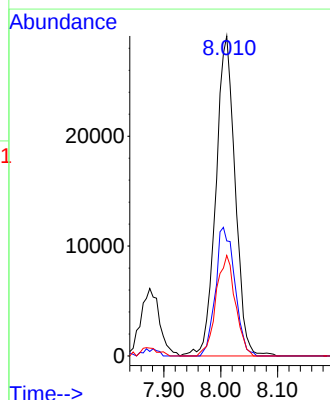
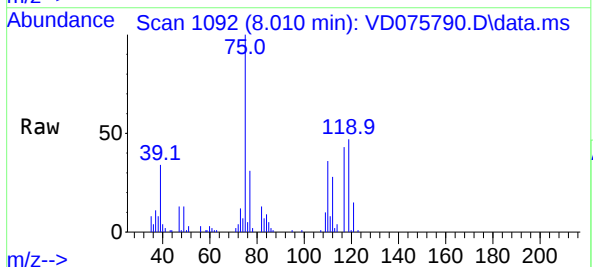
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

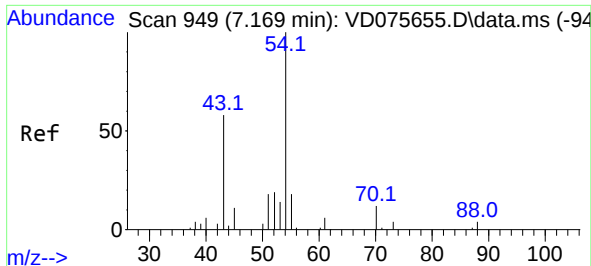
Tgt Ion:113 Resp: 125892
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.106 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 75 Resp: 68525
Ion Ratio Lower Upper
75 100
110 40.3 17.1 51.2
77 31.5 24.6 36.8

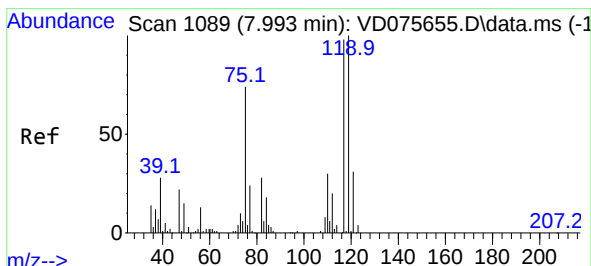
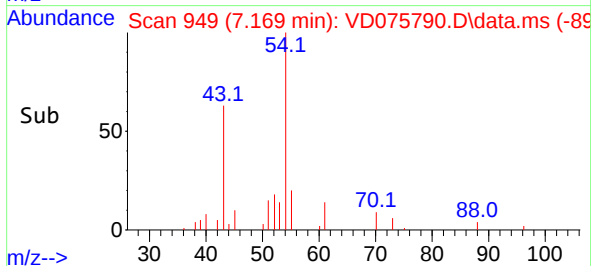
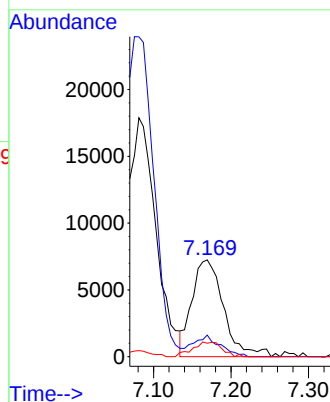
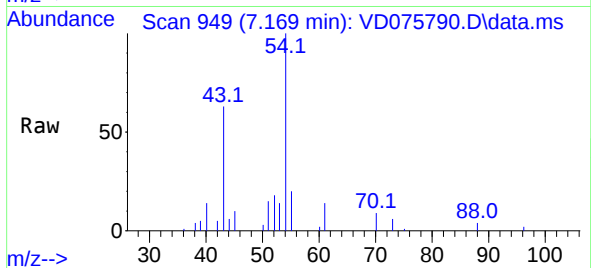




#37
Ethyl Acetate
Concen: 19.844 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

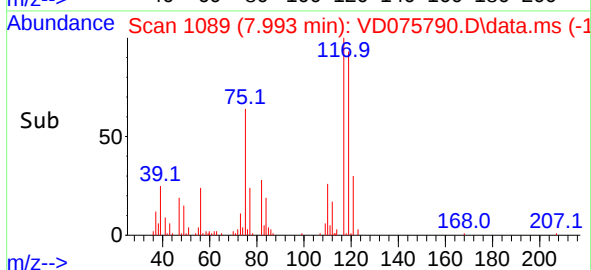
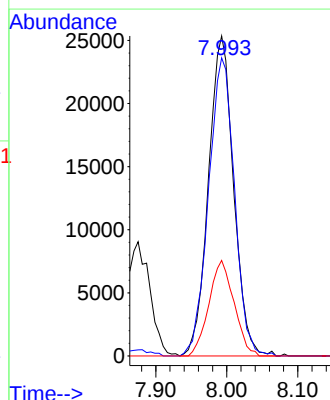
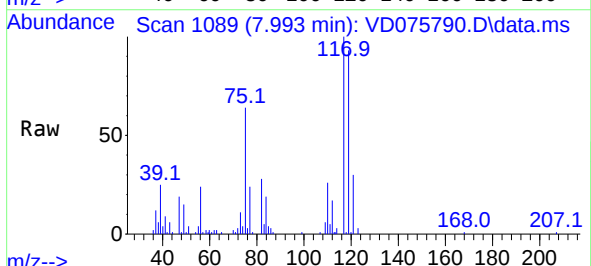
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

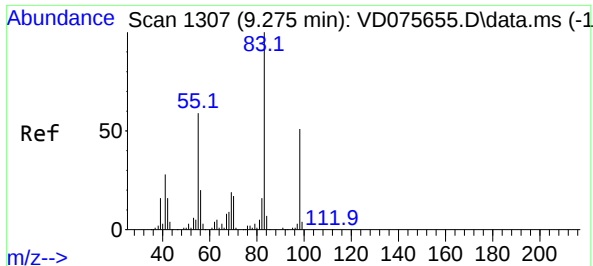
Tgt Ion: 43 Resp: 20582
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 13.9 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 20.743 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 117 Resp: 62254
Ion Ratio Lower Upper
117 100
119 93.2 74.7 112.1
121 29.8 25.9 38.9





#39

Methylcyclohexane

Concen: 19.685 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBS01

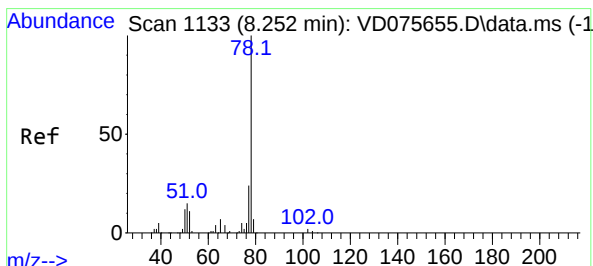
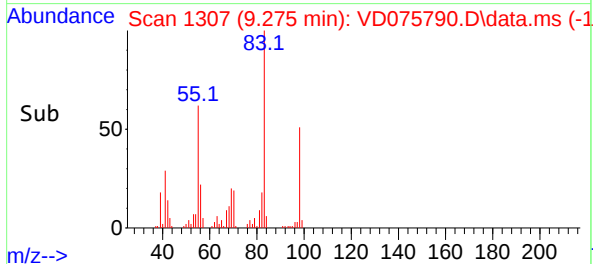
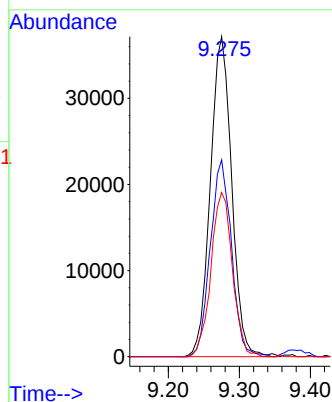
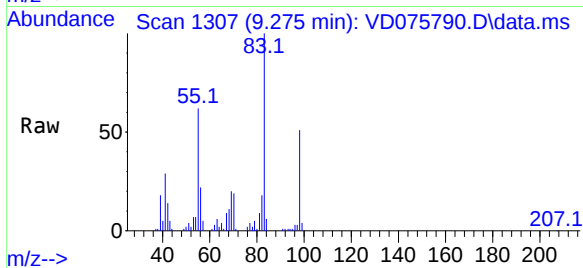
Tgt Ion: 83 Resp: 77579

Ion Ratio Lower Upper

83 100

55 61.5 56.8 85.2

98 51.3 38.9 58.3



#40

Benzene

Concen: 19.741 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075790.D

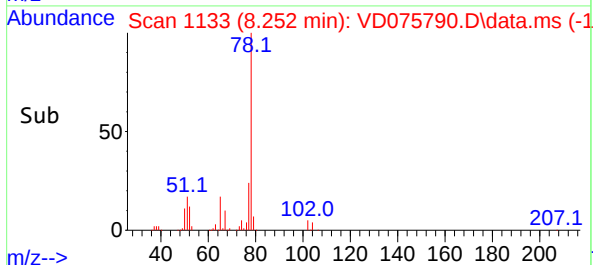
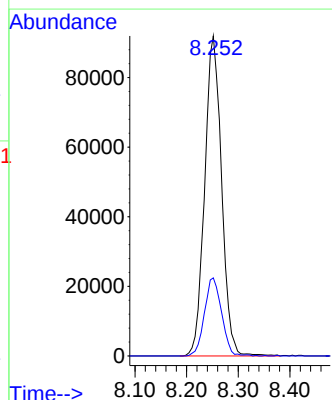
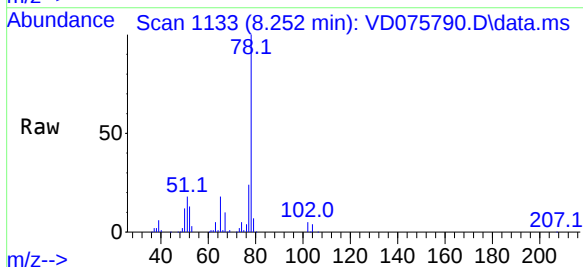
Acq: 24 Apr 2023 12:32

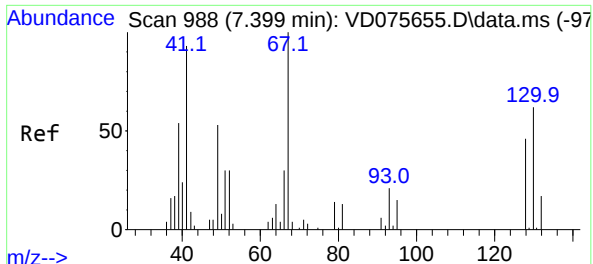
Tgt Ion: 78 Resp: 209159

Ion Ratio Lower Upper

78 100

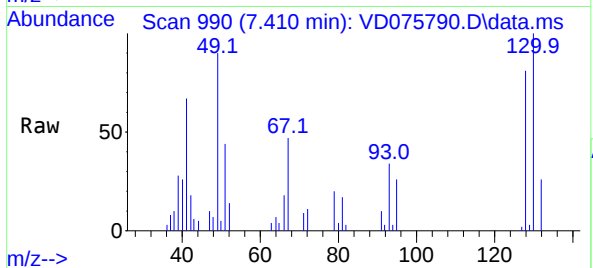
77 24.4 19.1 28.7



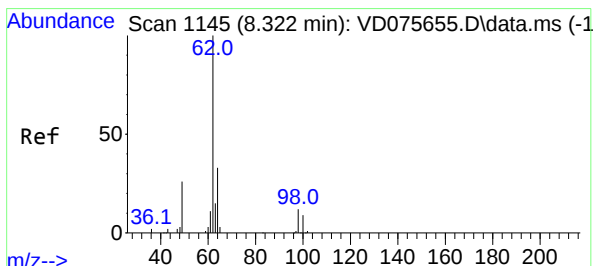
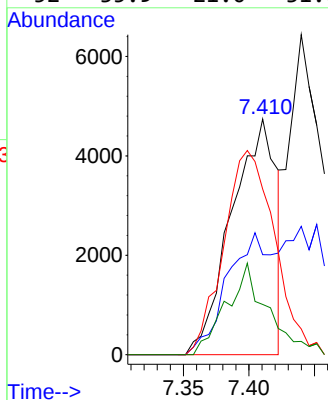
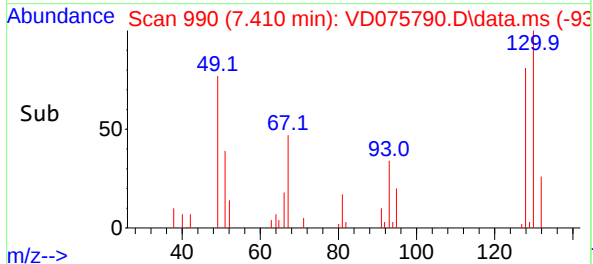


#41
Methacrylonitrile
Concen: 22.581 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.011 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

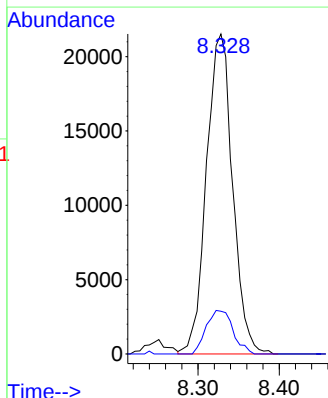
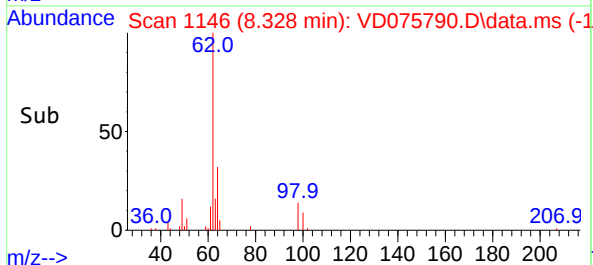
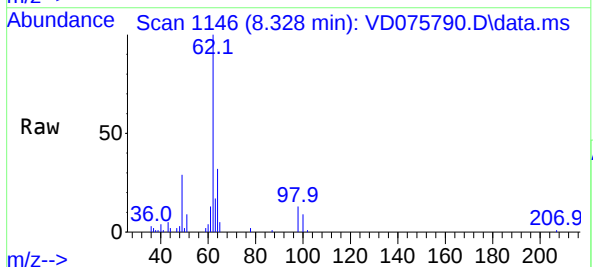


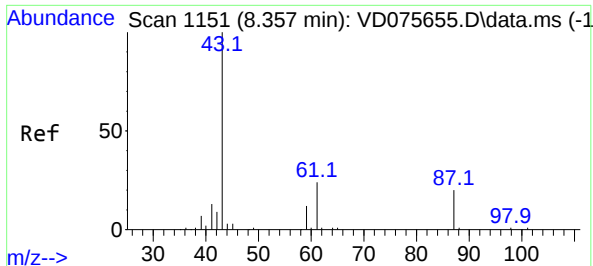
Tgt Ion: 41 Resp: 11239
Ion Ratio Lower Upper
41 100
39 48.1 45.3 67.9
67 98.9 50.5 75.7#
52 35.9 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 20.041 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 62 Resp: 48228
Ion Ratio Lower Upper
62 100
98 13.9 0.0 18.8

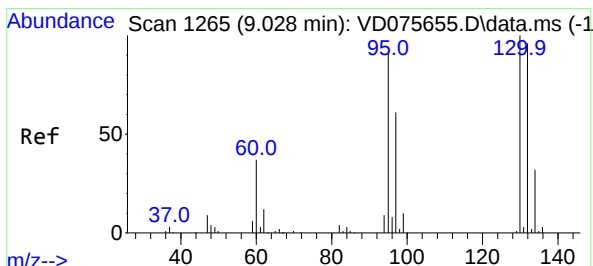
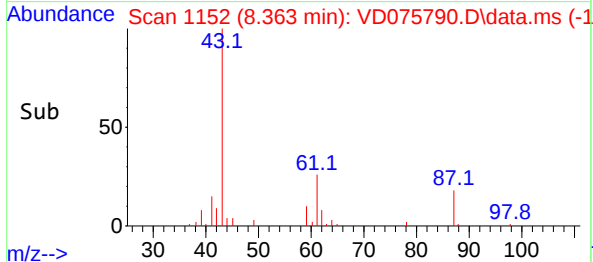
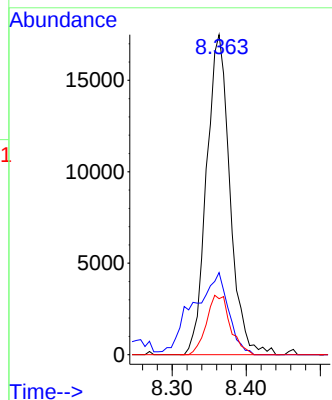
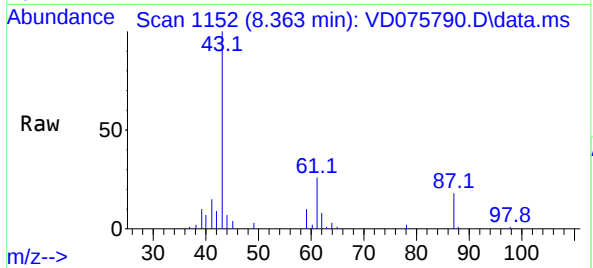




#43
Isopropyl Acetate
Concen: 20.244 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

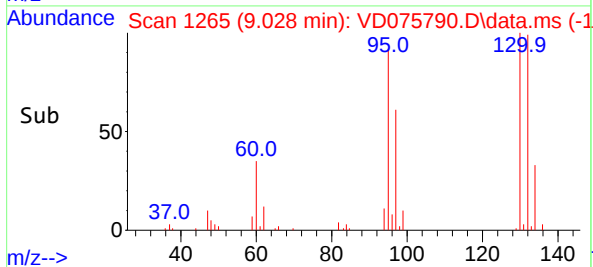
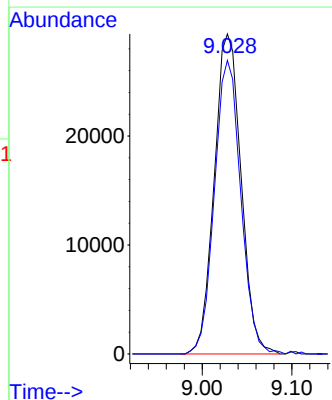
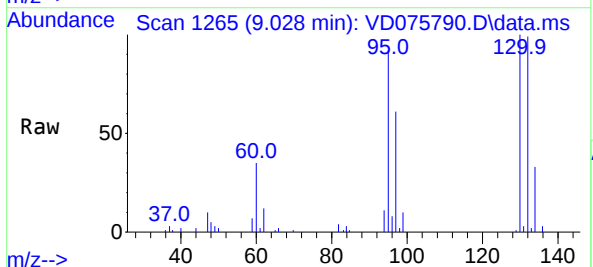
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

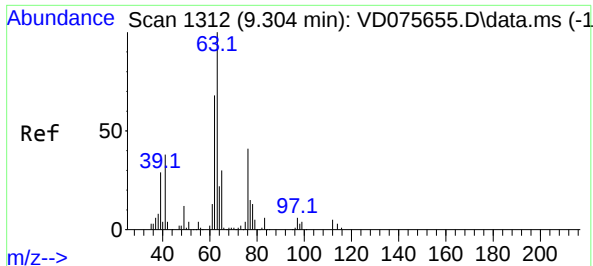
Tgt Ion: 43 Resp: 38288
Ion Ratio Lower Upper
43 100
61 38.8 23.4 35.0#
87 18.8 9.5 14.3#



#44
Trichloroethene
Concen: 20.309 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:130 Resp: 60896
Ion Ratio Lower Upper
130 100
95 91.7 0.0 197.6

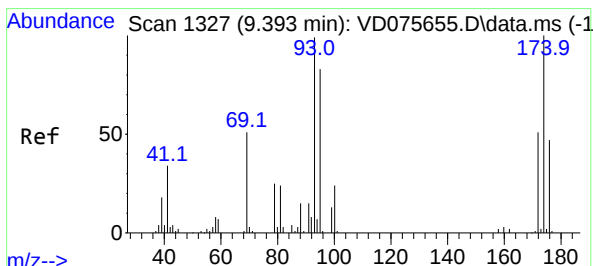
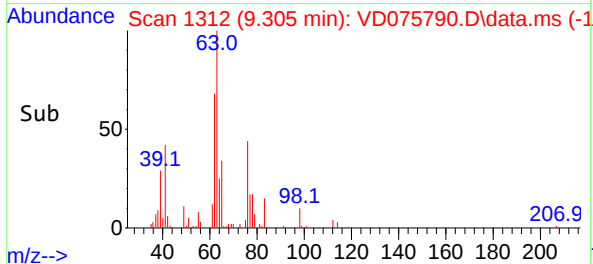
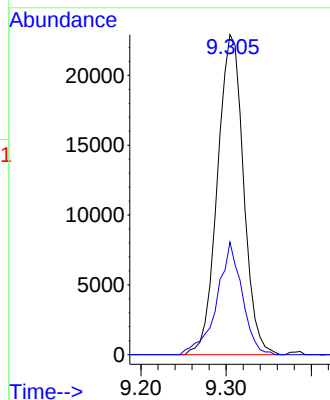
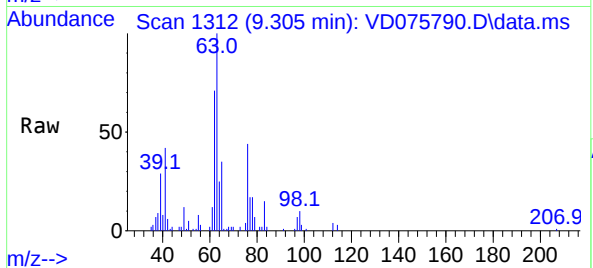




#45
1,2-Dichloropropane
Concen: 20.520 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.001 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

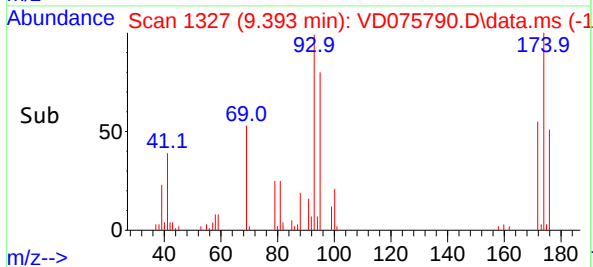
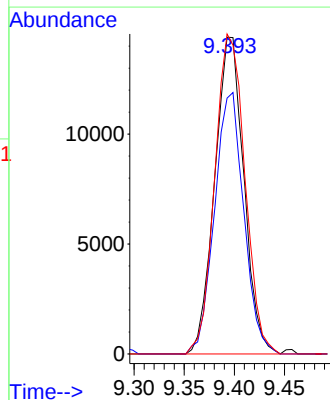
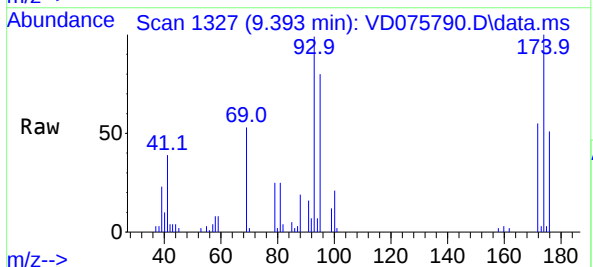
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

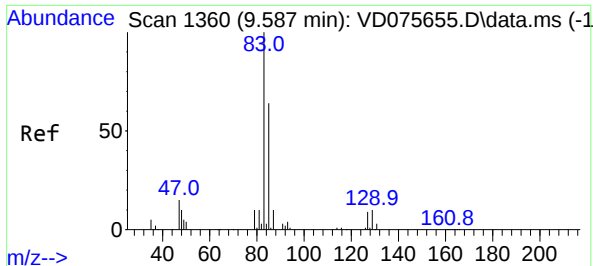
Tgt Ion: 63 Resp: 48720
Ion Ratio Lower Upper
63 100
65 35.2 23.0 34.4#



#46
Dibromomethane
Concen: 19.285 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 93 Resp: 29048
Ion Ratio Lower Upper
93 100
95 83.1 64.5 96.7
174 104.5 76.2 114.4

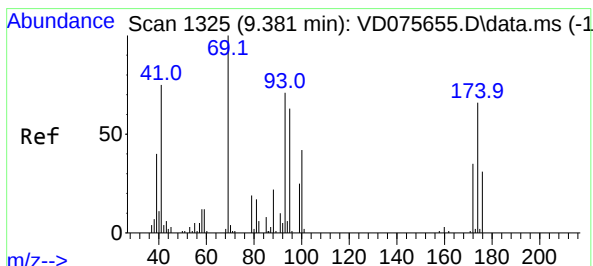
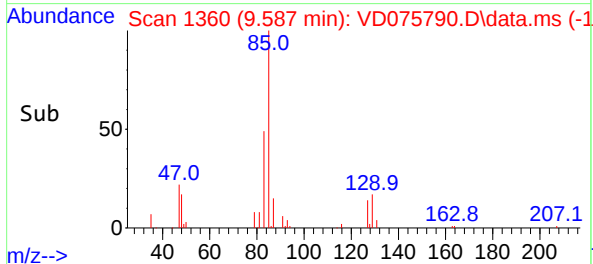
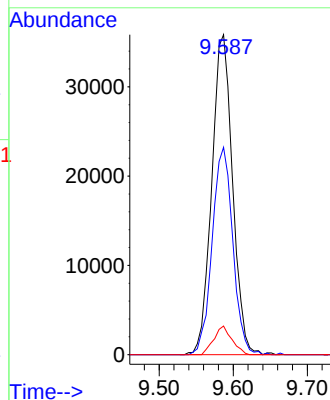
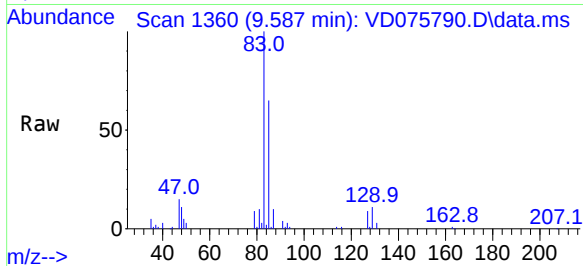




#47
Bromodichloromethane
Concen: 20.283 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

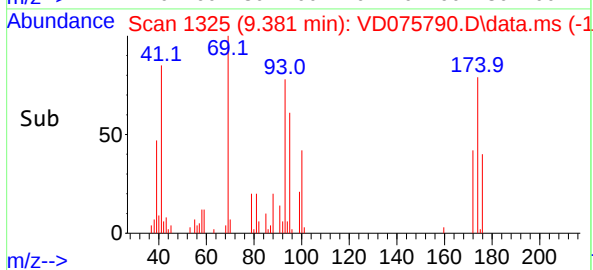
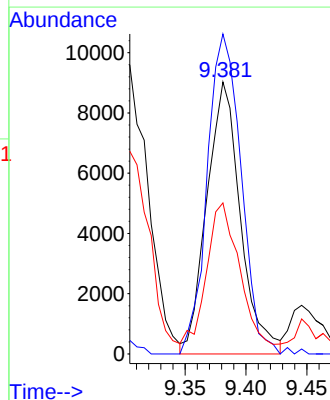
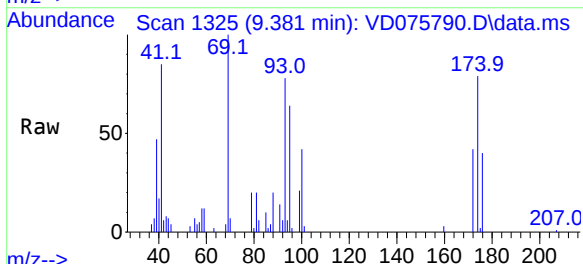
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

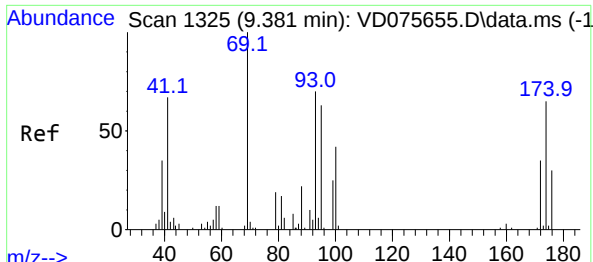
Tgt Ion:	83	Resp:	69884
Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.7	80.5
127	9.0	7.0	10.6



#48
Methyl methacrylate
Concen: 20.631 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:	41	Resp:	17384
Ion	Ratio	Lower	Upper
41	100		
69	118.6	58.6	88.0#
39	57.0	53.4	80.0

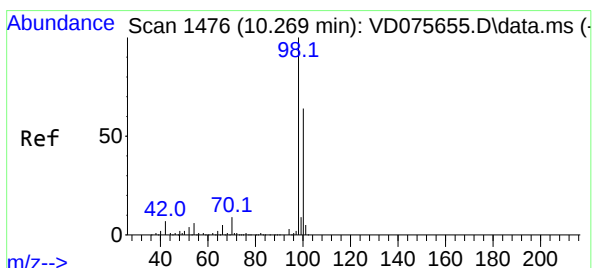
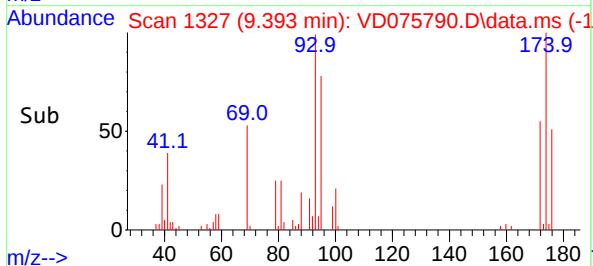
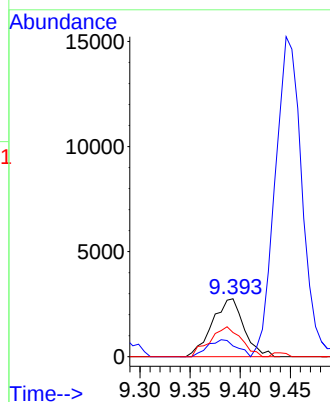
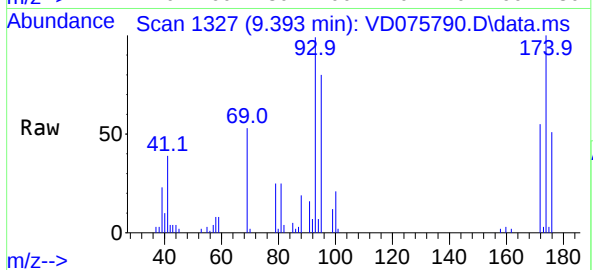




#49
1,4-Dioxane
Concen: 404.979 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

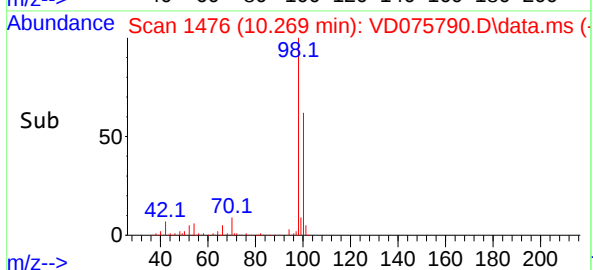
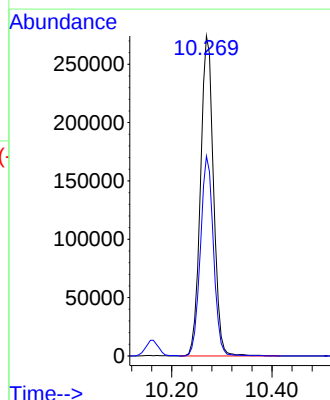
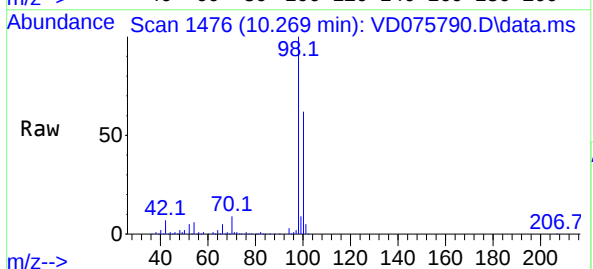
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

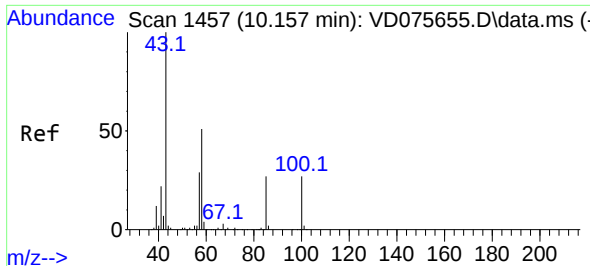
Tgt Ion: 88 Resp: 6052
Ion Ratio Lower Upper
88 100
43 26.5 34.6 51.8#
58 50.8 58.0 87.0#



#50
Toluene-d8
Concen: 49.840 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 98 Resp: 493064
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1

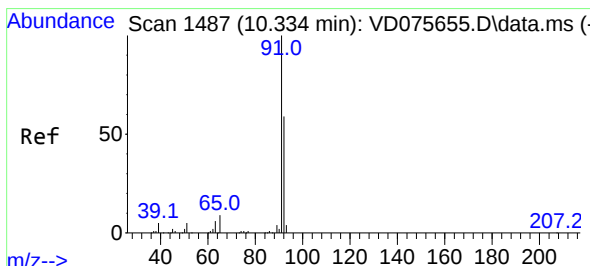
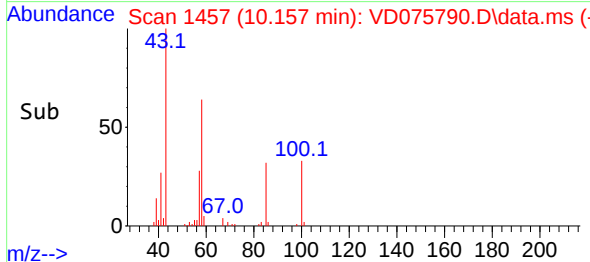
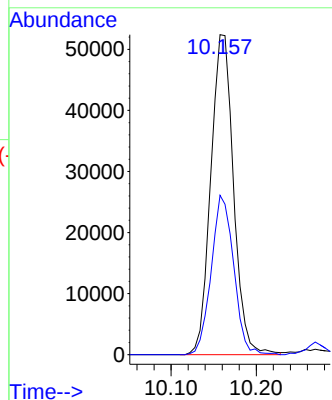
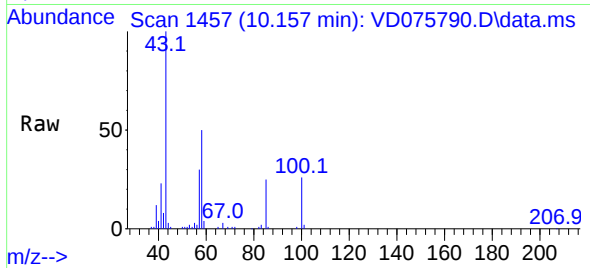




#51
4-Methyl-2-Pentanone
Concen: 96.491 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

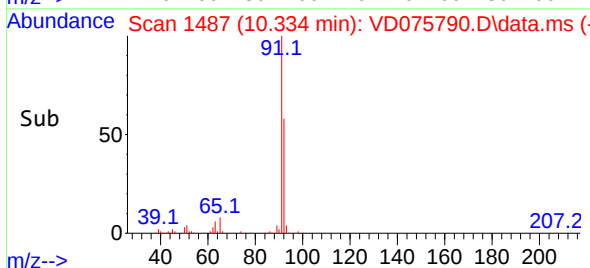
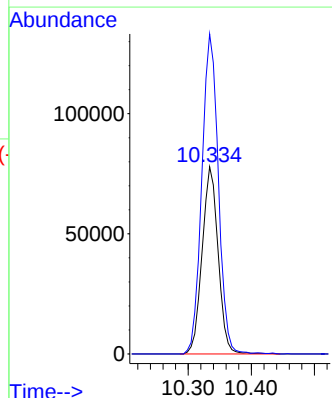
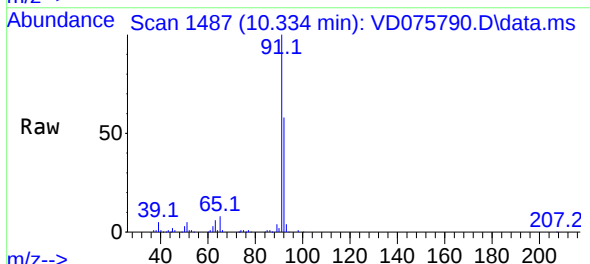
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

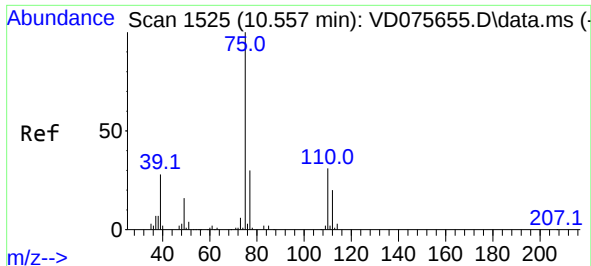
Tgt Ion: 43 Resp: 97302
Ion Ratio Lower Upper
43 100
58 49.1 29.5 44.3#



#52
Toluene
Concen: 19.477 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 92 Resp: 137221
Ion Ratio Lower Upper
92 100
91 176.2 136.5 204.7

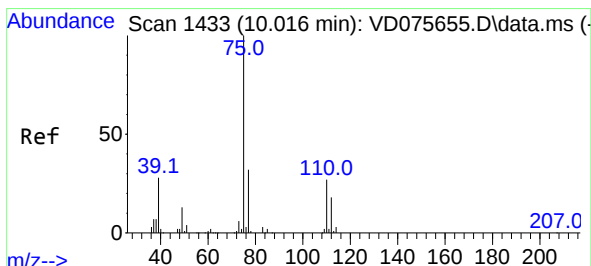
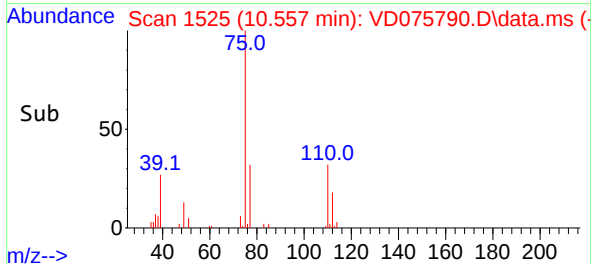
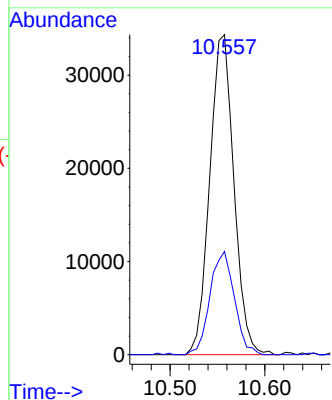
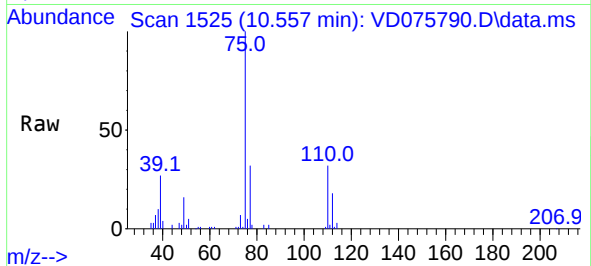




#53
t-1,3-Dichloropropene
Concen: 18.440 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

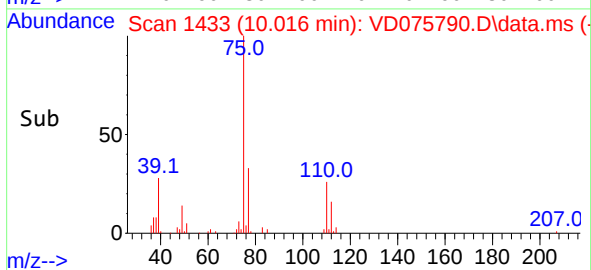
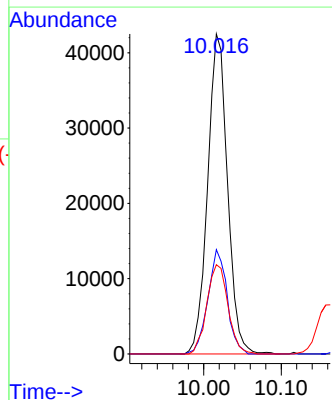
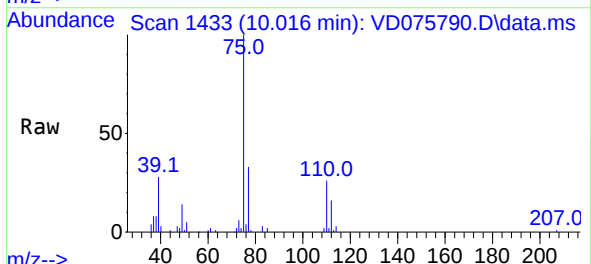
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

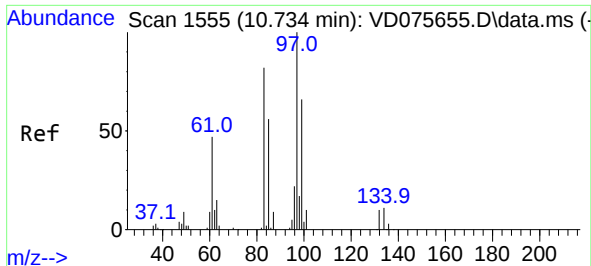
Tgt Ion: 75 Resp: 60905
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 19.257 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 75 Resp: 75569
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 27.9 44.8 67.2#

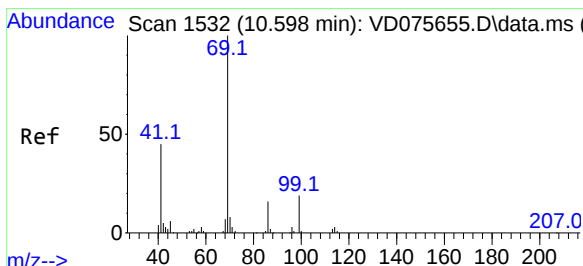
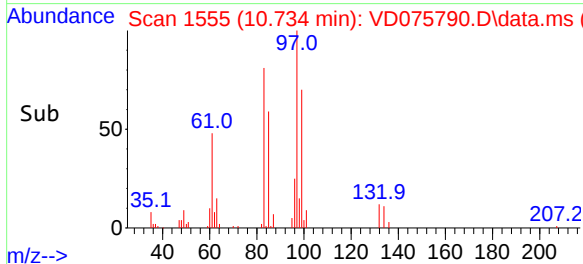
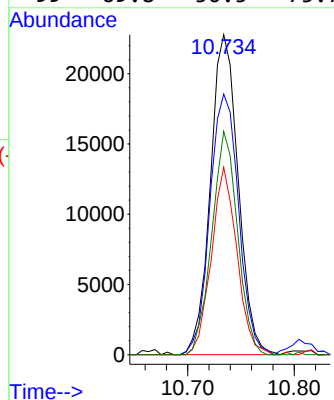
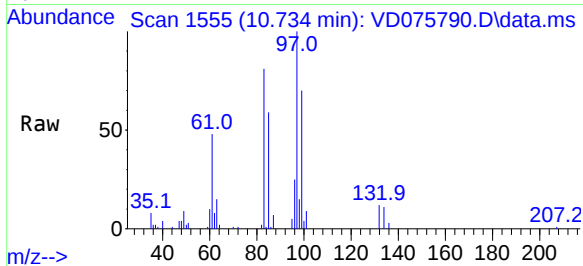




#55
1,1,2-Trichloroethane
Concen: 18.873 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

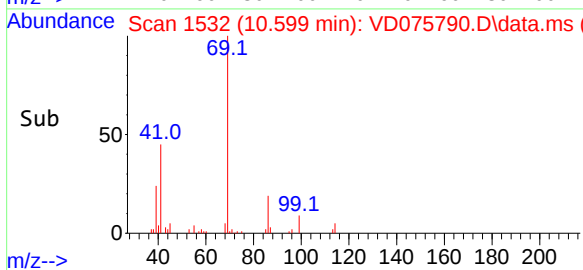
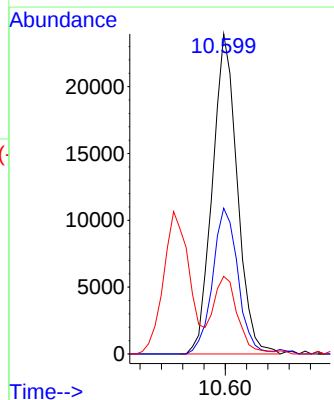
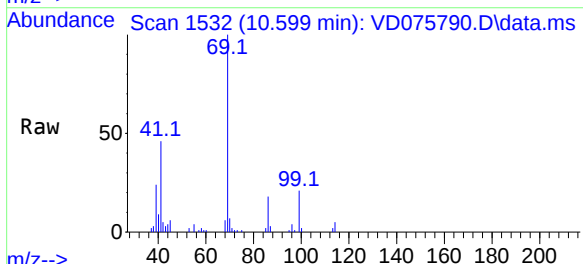
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

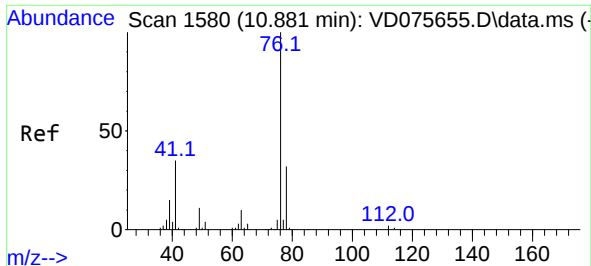
Tgt Ion:	97	Resp:	41159
Ion	Ratio	Lower	Upper
97	100		
83	81.5	74.2	111.4
85	58.5	45.4	68.0
99	69.8	50.5	75.7



#56
Ethyl methacrylate
Concen: 18.052 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:	69	Resp:	38745
Ion	Ratio	Lower	Upper
69	100		
41	46.6	59.3	88.9#
39	23.8	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.512 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

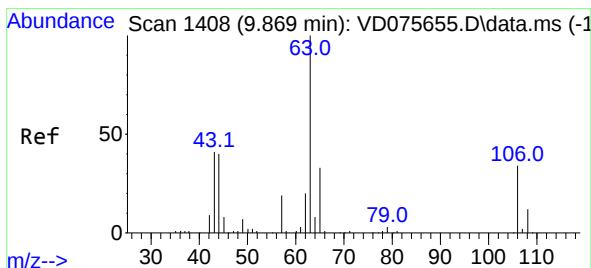
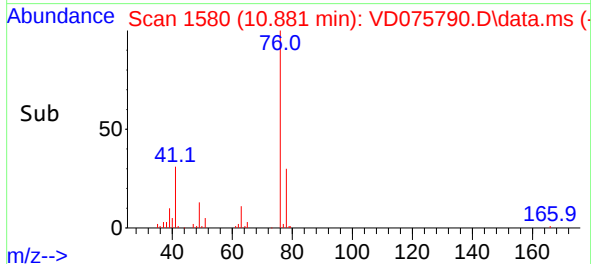
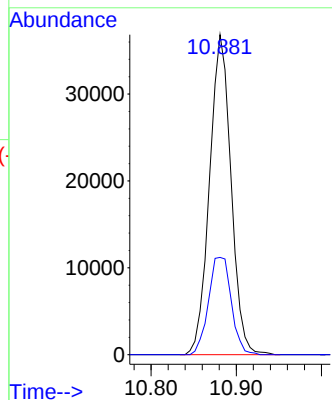
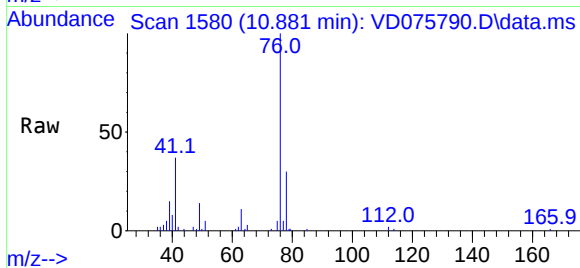
VD0424SBS01

Tgt Ion: 76 Resp: 64602

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.003 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075790.D

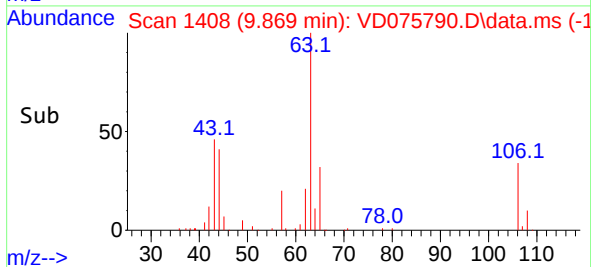
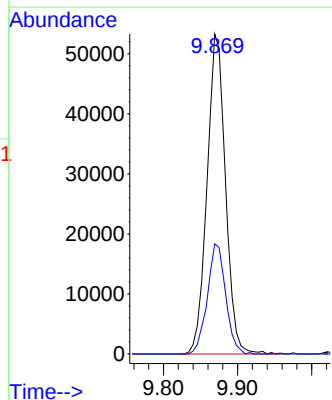
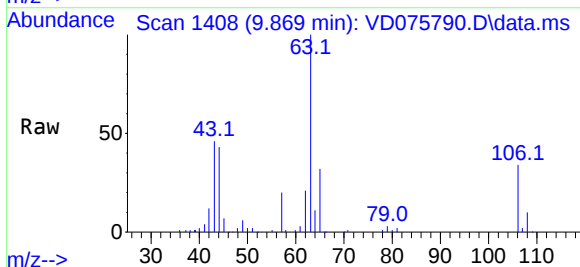
Acq: 24 Apr 2023 12:32

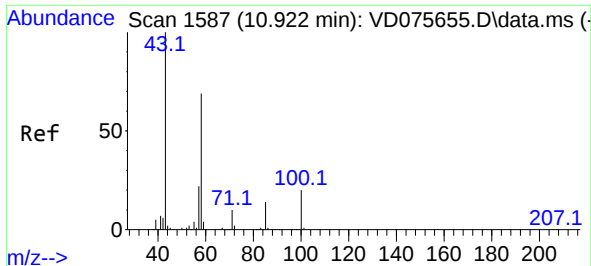
Tgt Ion: 63 Resp: 92177

Ion Ratio Lower Upper

63 100

106 34.2 21.4 32.2#

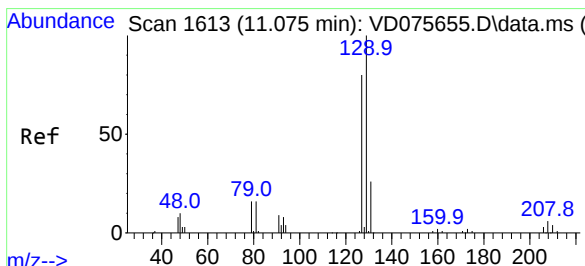
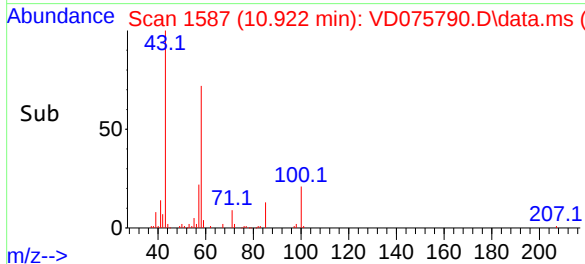
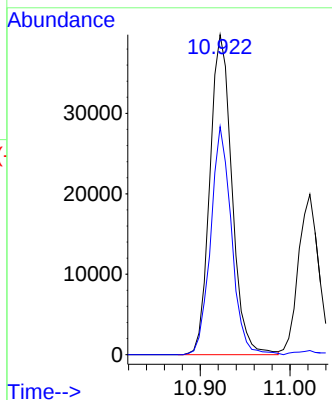
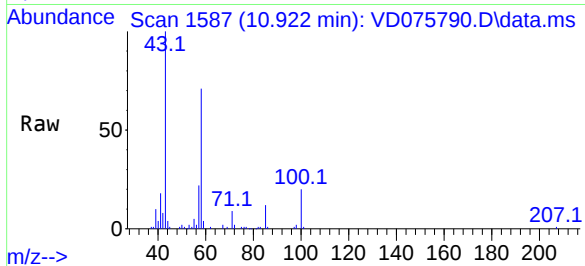




#59
2-Hexanone
Concen: 95.756 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

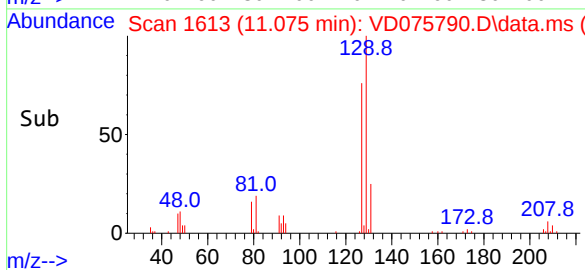
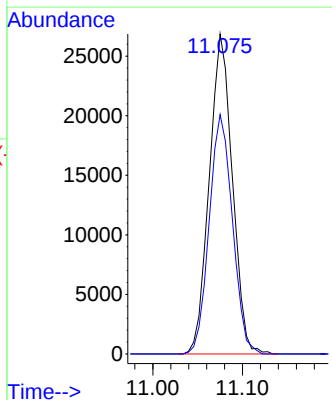
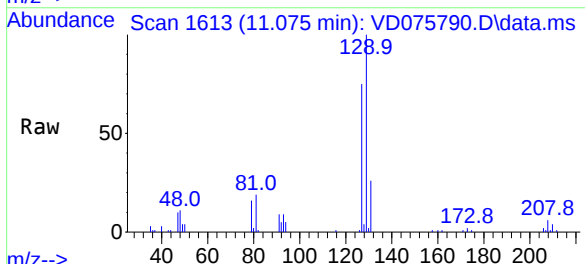
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

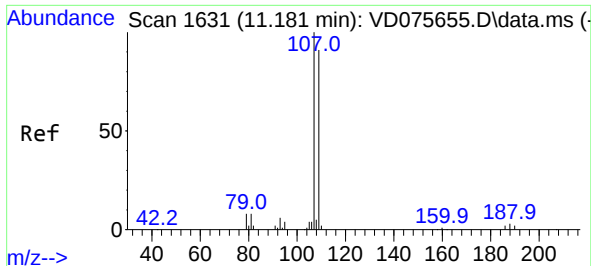
Tgt Ion: 43 Resp: 67894
Ion Ratio Lower Upper
43 100
58 67.2 25.3 75.8



#60
Dibromochloromethane
Concen: 18.774 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 129 Resp: 47911
Ion Ratio Lower Upper
129 100
127 75.3 38.1 114.5

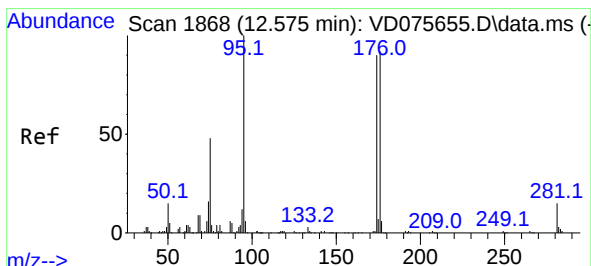
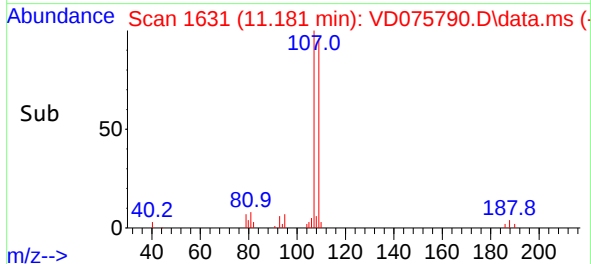
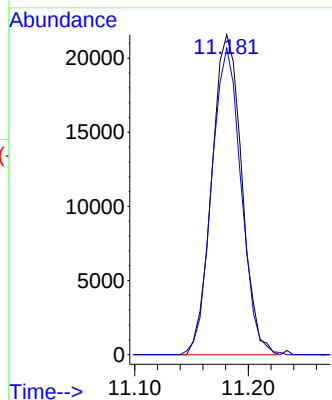
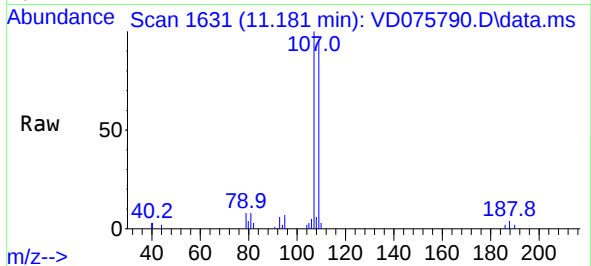




#61
1,2-Dibromoethane
Concen: 18.962 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

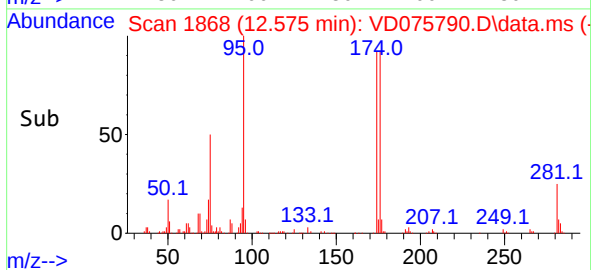
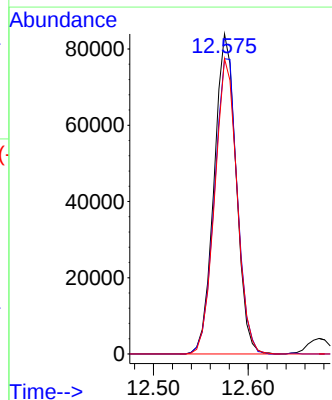
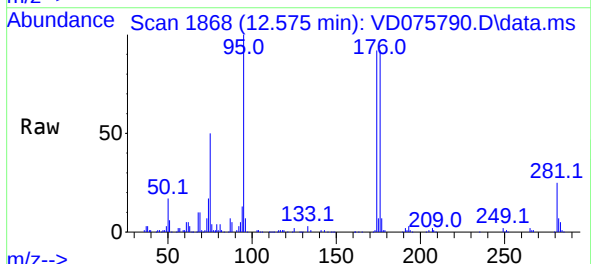
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

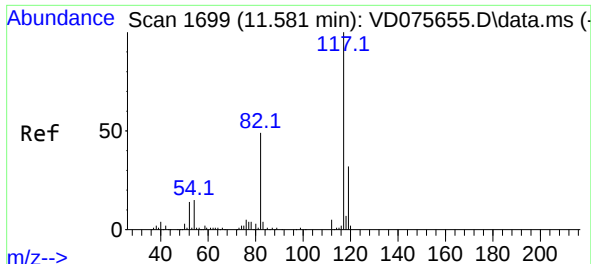
Tgt Ion:107 Resp: 39448
Ion Ratio Lower Upper
107 100
109 94.5 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 51.544 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 95 Resp: 135537
Ion Ratio Lower Upper
95 100
174 96.0 0.0 164.0
176 93.3 0.0 156.8

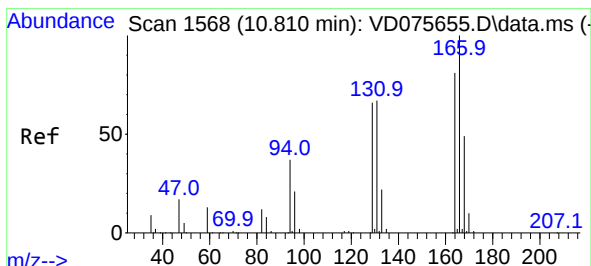
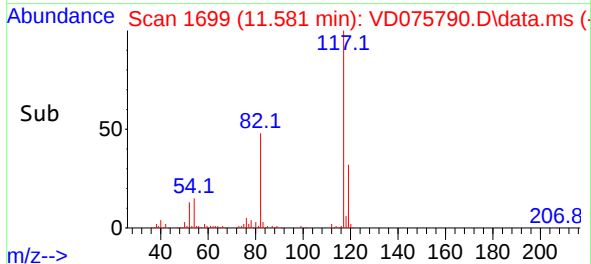
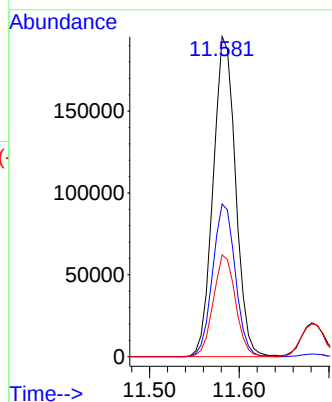
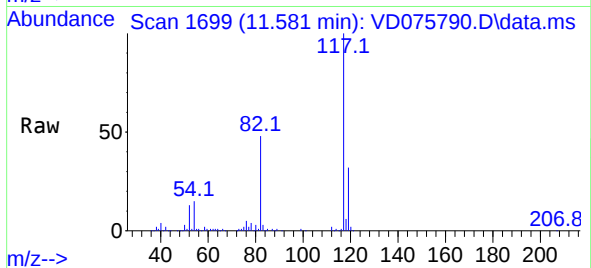




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

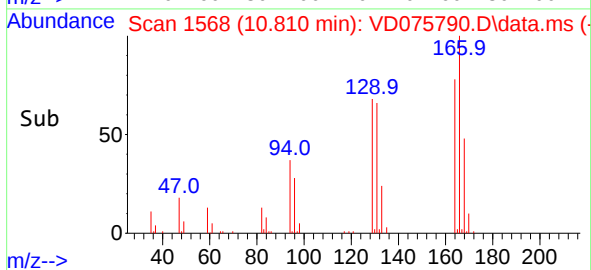
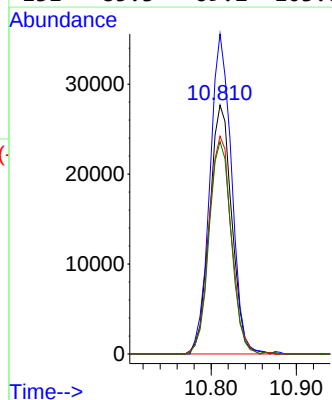
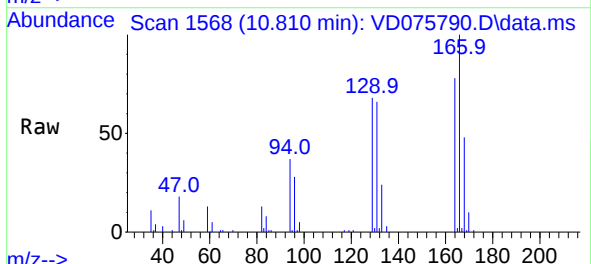
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

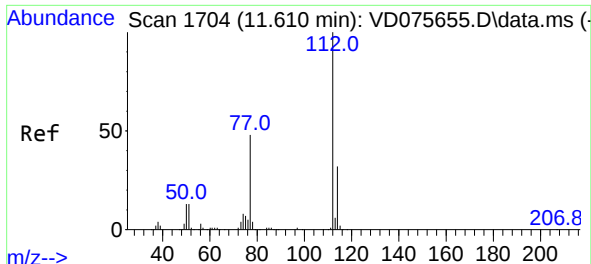
Tgt Ion:117 Resp: 338859
Ion Ratio Lower Upper
117 100
82 47.7 44.0 66.0
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 20.720 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:164 Resp: 50565
Ion Ratio Lower Upper
164 100
166 128.6 94.9 142.3
129 87.5 73.0 109.6
131 85.3 69.2 103.8

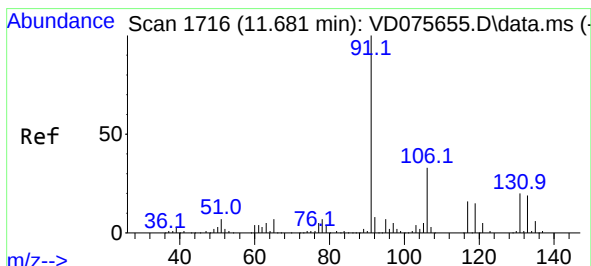
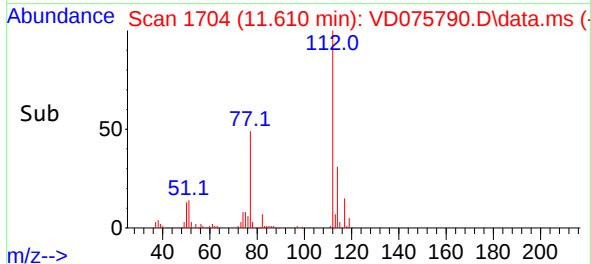
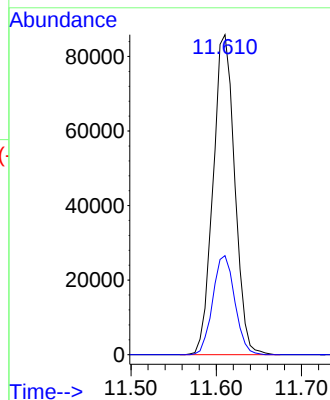
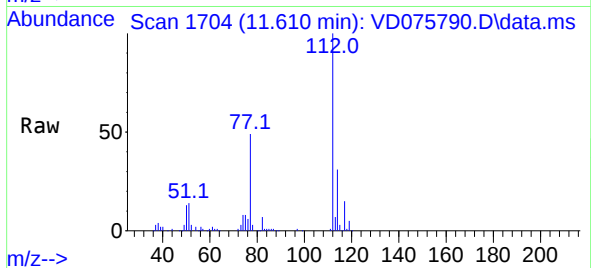




#65
Chlorobenzene
Concen: 20.866 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

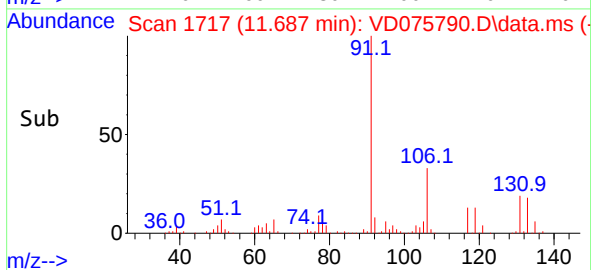
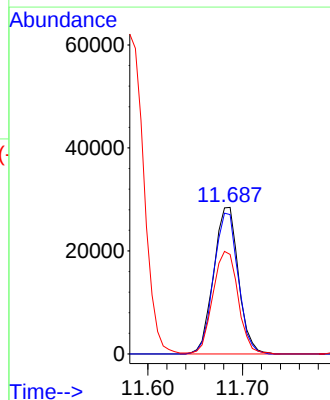
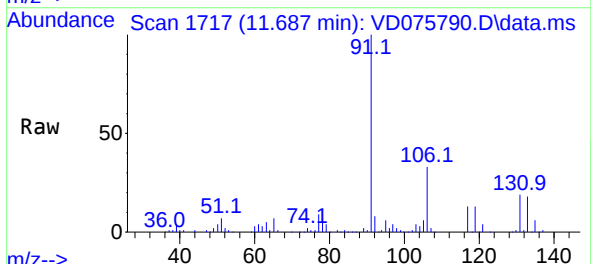
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

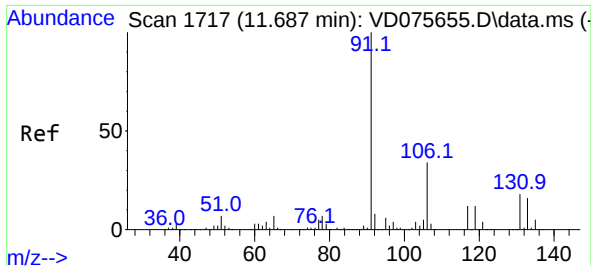
Tgt Ion:112 Resp: 151446
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.780 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:131 Resp: 51850
Ion Ratio Lower Upper
131 100
133 94.3 46.7 140.0
119 71.2 31.9 95.9

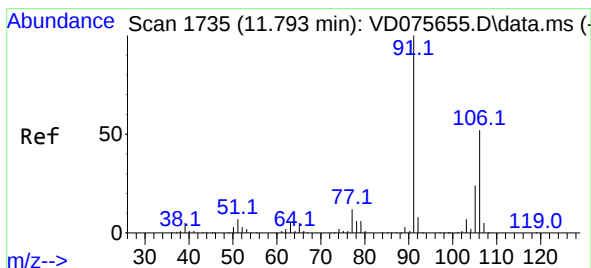
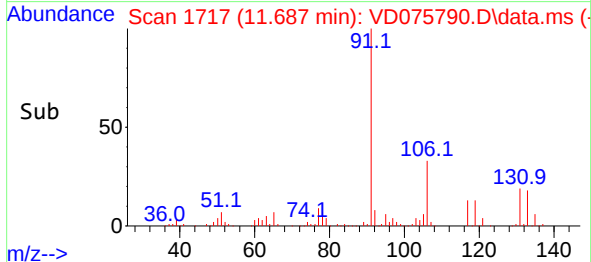
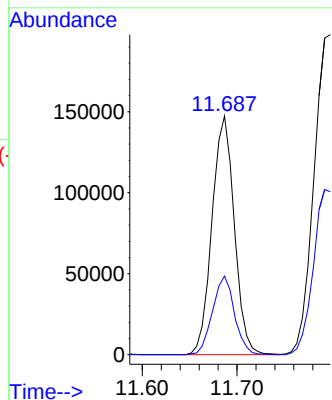
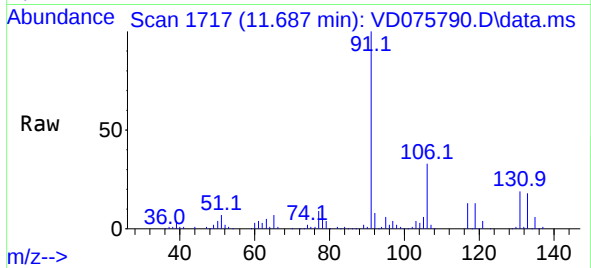




#67
Ethyl Benzene
Concen: 20.457 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

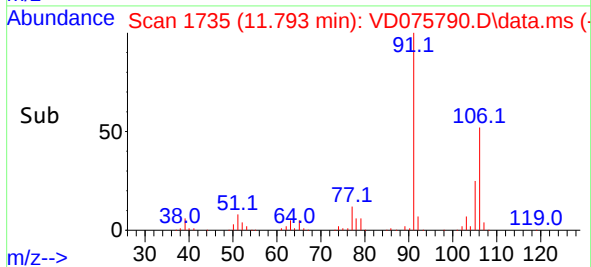
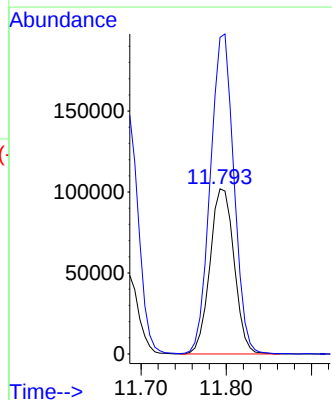
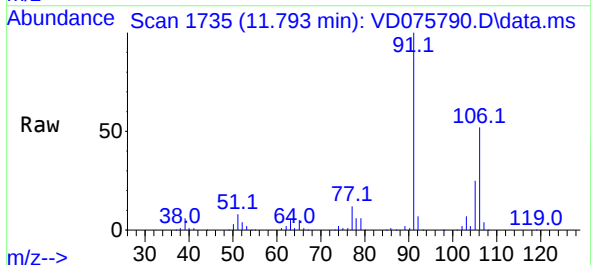
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

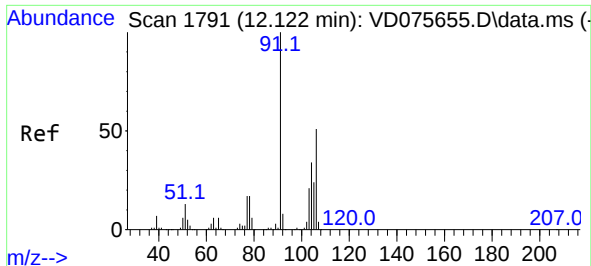
Tgt Ion: 91 Resp: 240961
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7



#68
m/p-Xylenes
Concen: 41.631 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 106 Resp: 200969
Ion Ratio Lower Upper
106 100
91 189.2 161.5 242.3

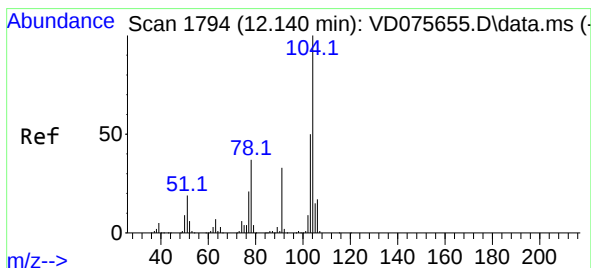
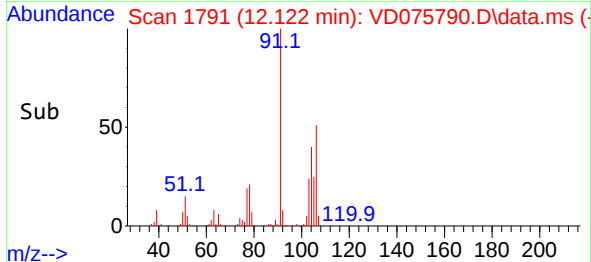
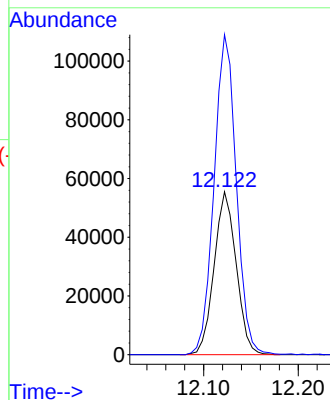
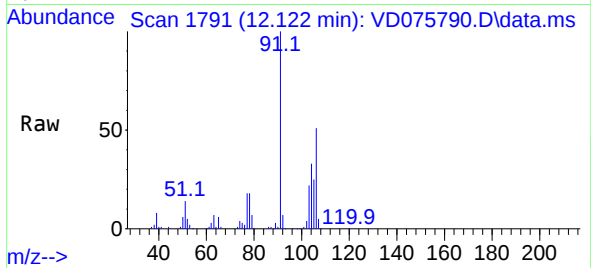




#69
o-Xylene
Concen: 20.606 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

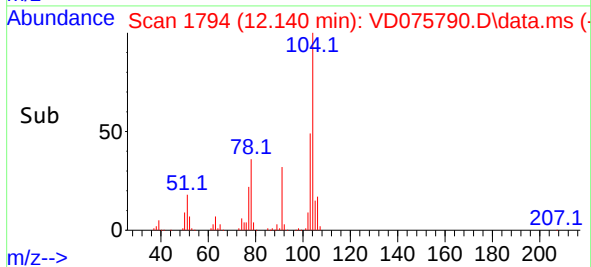
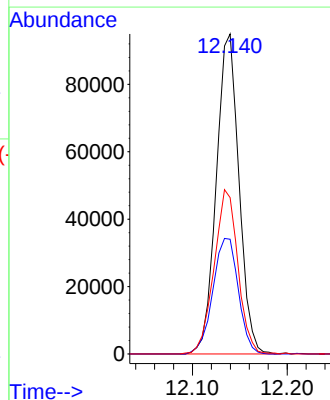
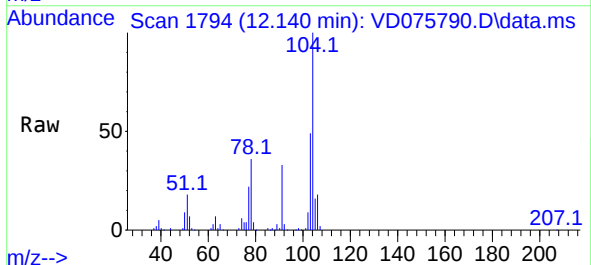
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

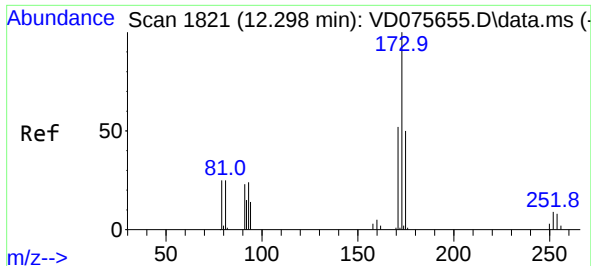
Tgt Ion:106 Resp: 89946
Ion Ratio Lower Upper
106 100
91 197.9 105.7 317.1



#70
Styrene
Concen: 19.990 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:104 Resp: 157999
Ion Ratio Lower Upper
104 100
78 40.6 40.2 60.4
103 54.0 44.2 66.2

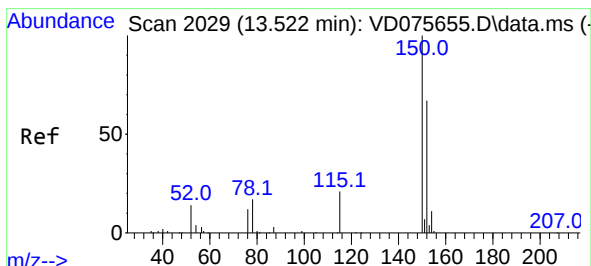
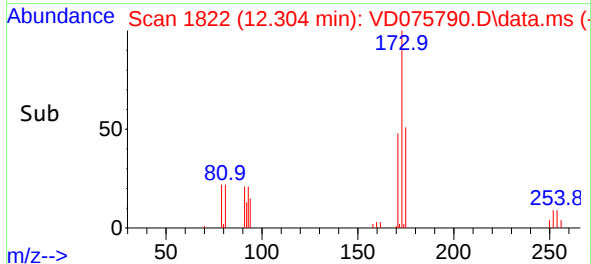
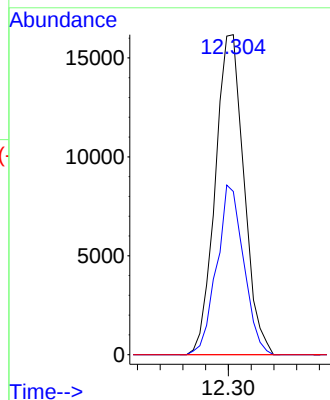
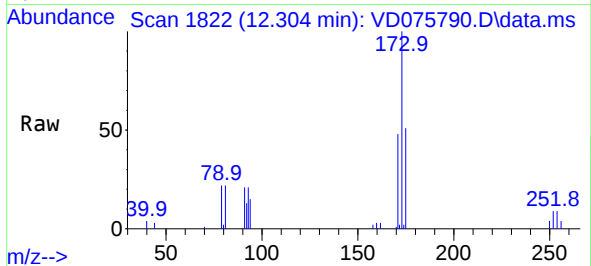




#71
Bromoform
Concen: 21.751 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

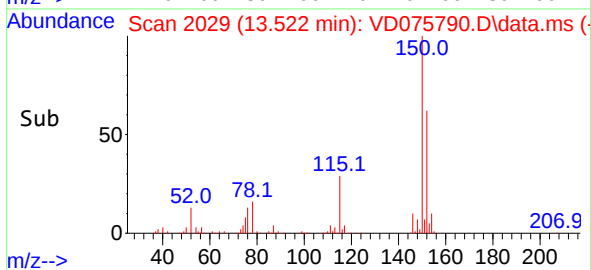
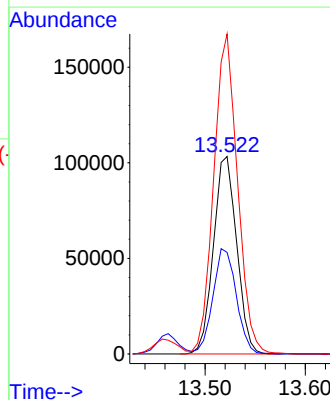
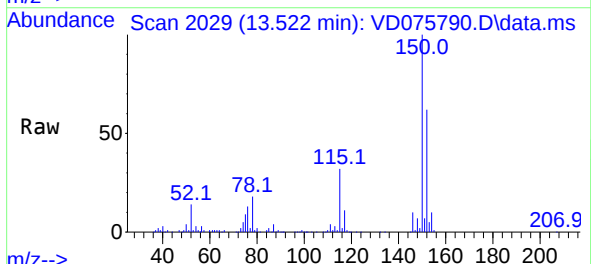
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

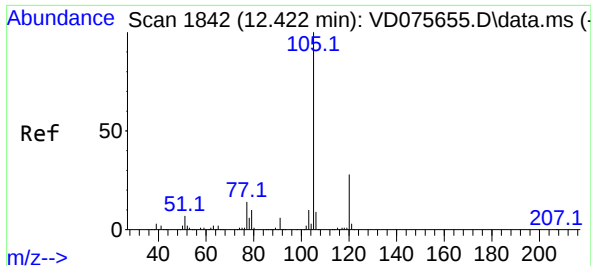
Tgt Ion:173 Resp: 28370
Ion Ratio Lower Upper
173 100
175 49.8 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:152 Resp: 166509
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 165.6 0.0 364.8

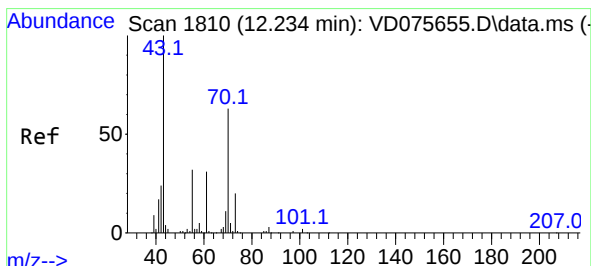
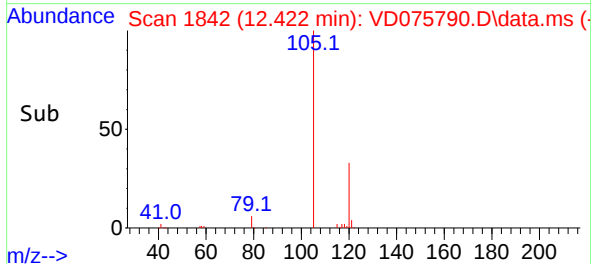
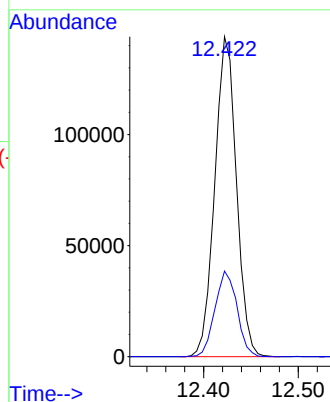
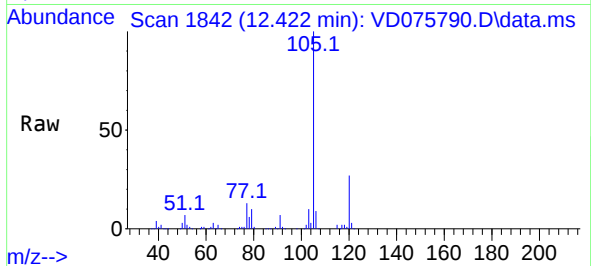




#73
Isopropylbenzene
Concen: 20.973 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

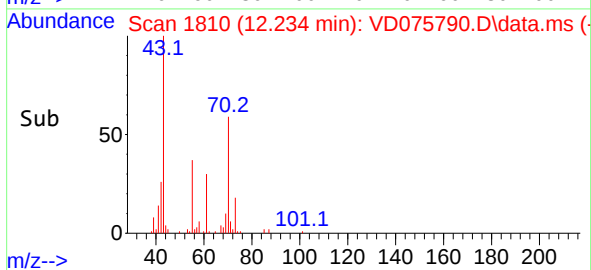
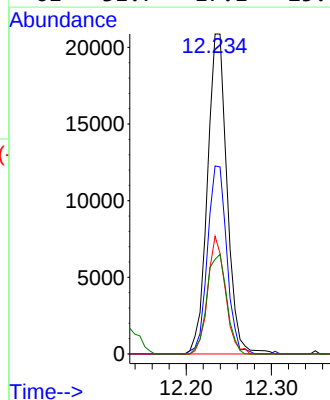
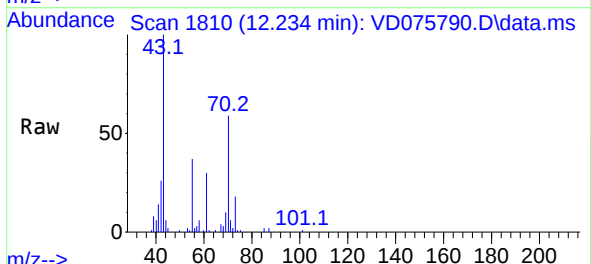
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

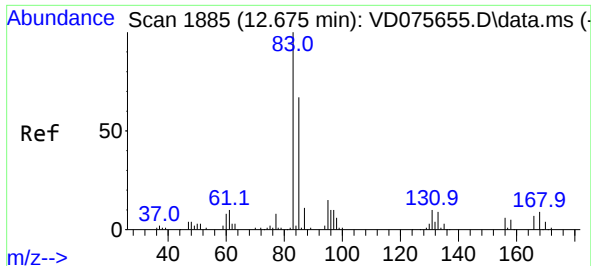
Tgt Ion:105 Resp: 229198
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 20.806 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 43 Resp: 33410
Ion Ratio Lower Upper
43 100
70 57.5 31.0 46.4#
55 32.7 18.6 28.0#
61 31.7 17.1 25.7#

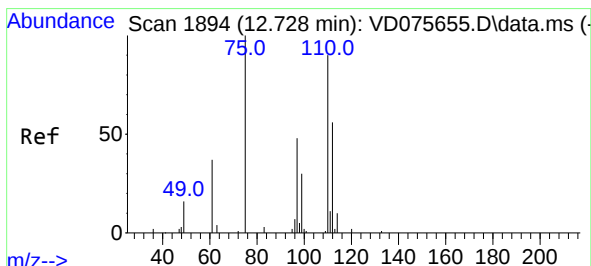
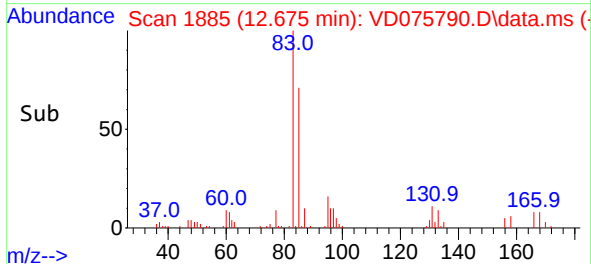
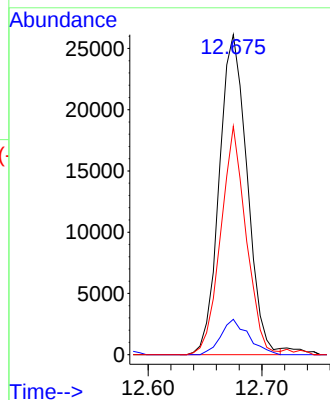
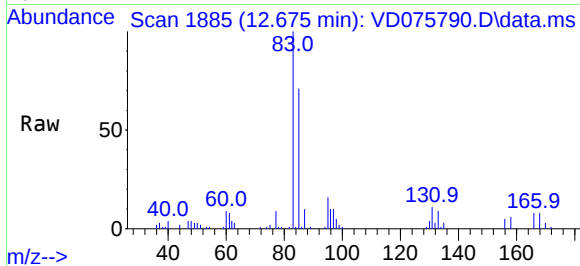




#75
1,1,2,2-Tetrachloroethane
Concen: 20.963 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

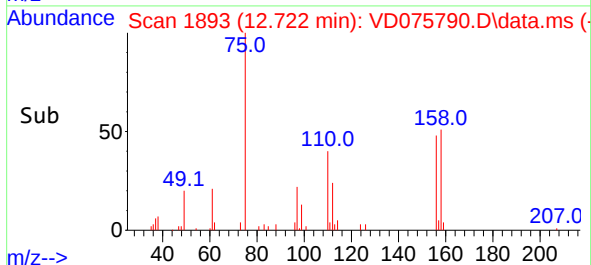
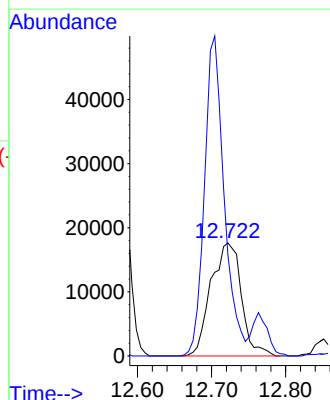
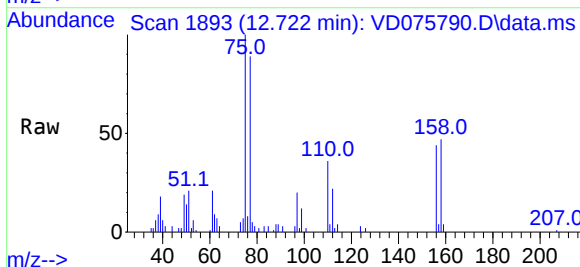
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

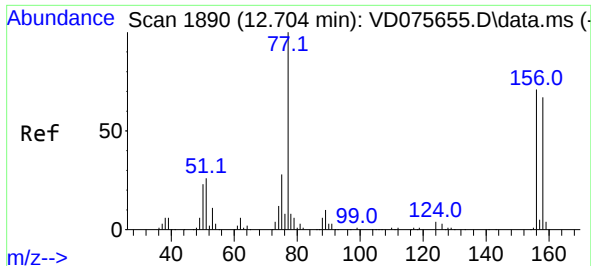
Tgt Ion: 83 Resp: 44501
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.2
85 65.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 36.899 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 75 Resp: 50104
Ion Ratio Lower Upper
75 100
77 184.1 0.0 0.0#

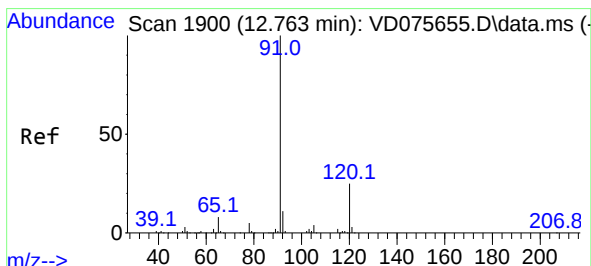
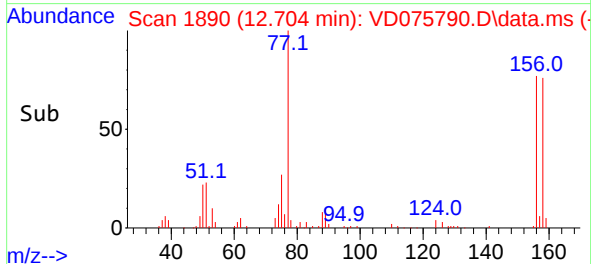
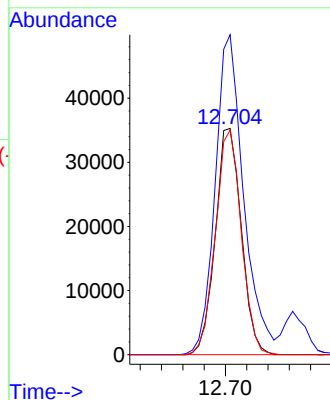
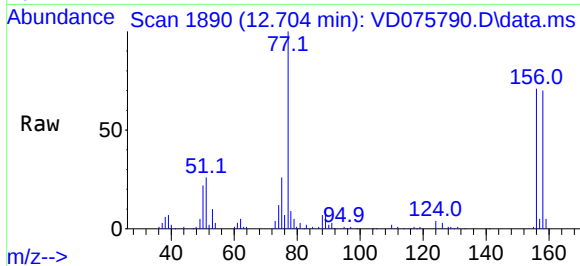




#77
Bromobenzene
Concen: 21.213 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

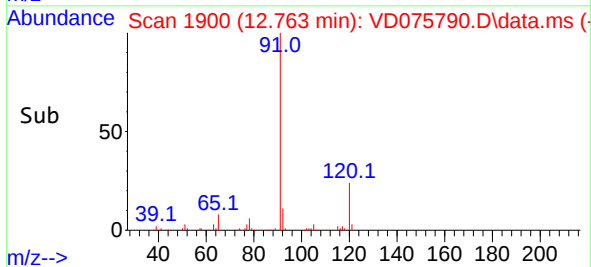
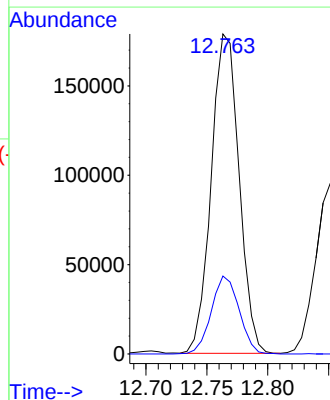
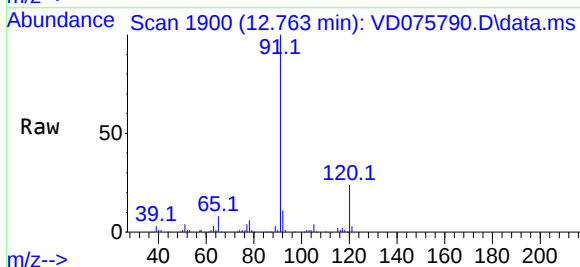
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

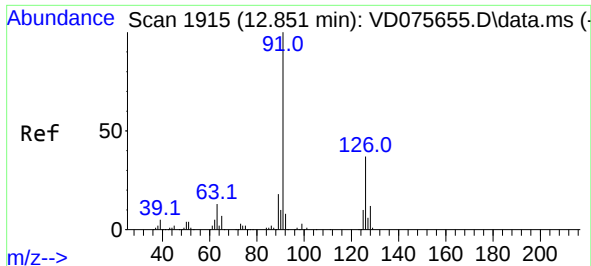
Tgt Ion:156 Resp: 59763
Ion Ratio Lower Upper
156 100
77 154.4 89.5 268.6
158 98.7 47.8 143.4



#78
n-propylbenzene
Concen: 21.255 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 91 Resp: 284718
Ion Ratio Lower Upper
91 100
120 24.3 11.4 34.2

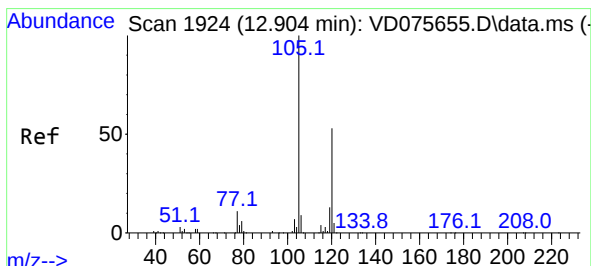
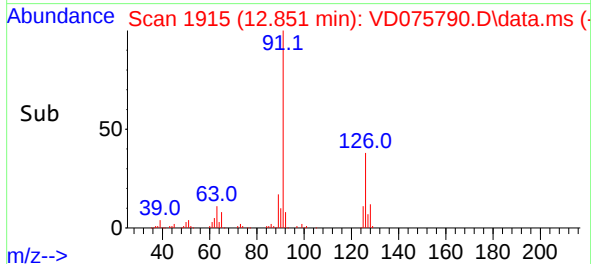
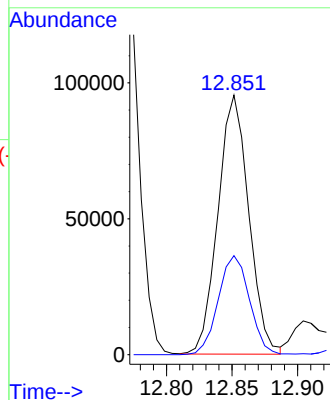
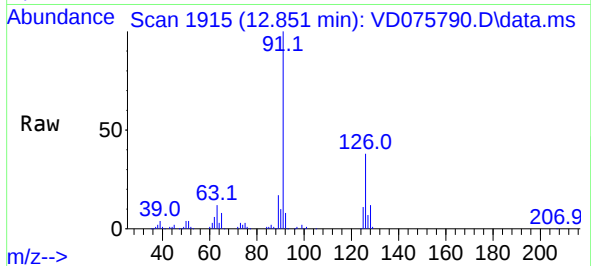




#79
 2-Chlorotoluene
 Concen: 20.548 ug/l
 RT: 12.851 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

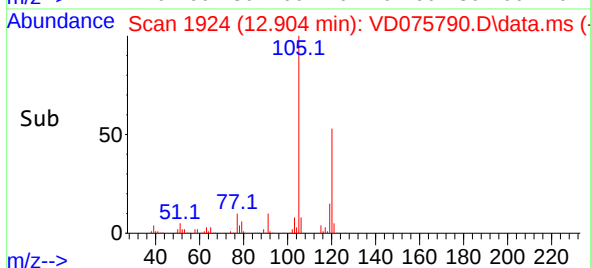
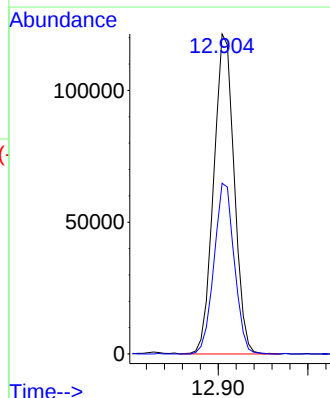
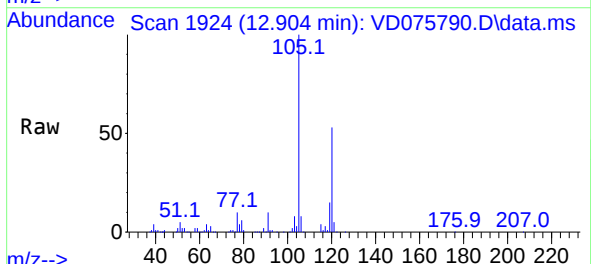
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBS01

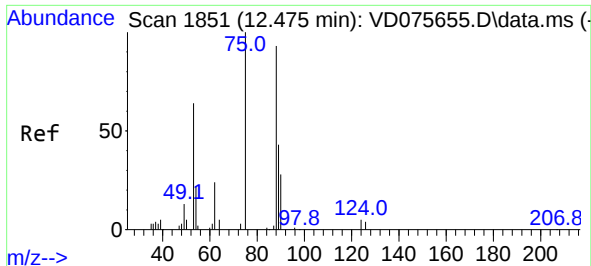
Tgt Ion: 91 Resp: 156113
 Ion Ratio Lower Upper
 91 100
 126 38.6 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.126 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

Tgt Ion: 105 Resp: 192462
 Ion Ratio Lower Upper
 105 100
 120 52.8 24.3 72.8

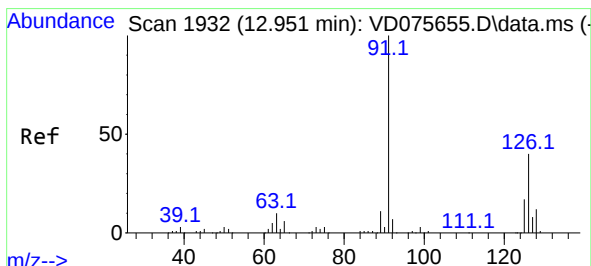
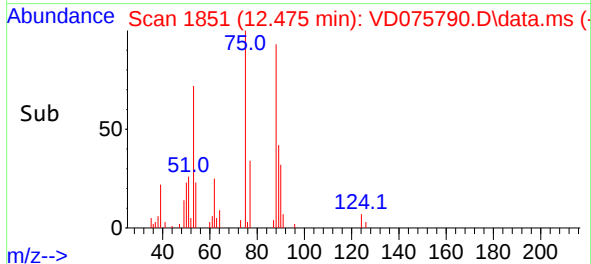
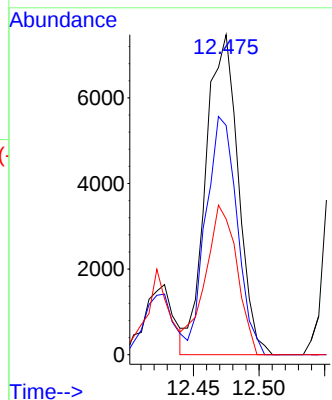
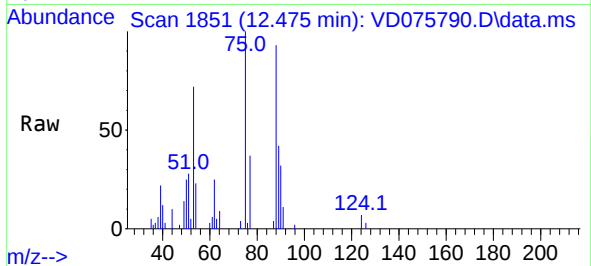




#81
trans-1,4-Dichloro-2-butene
Concen: 20.495 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

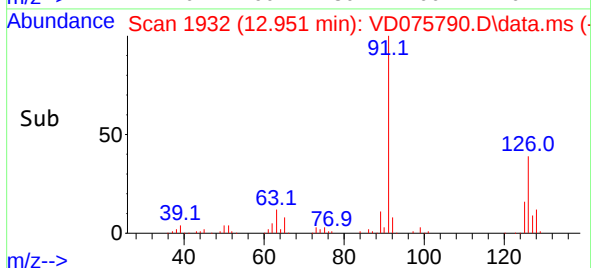
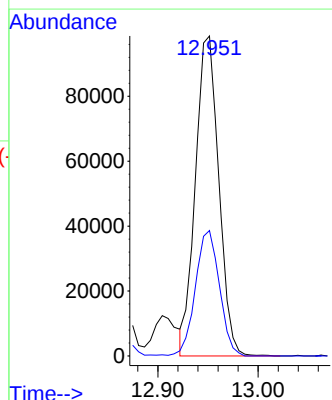
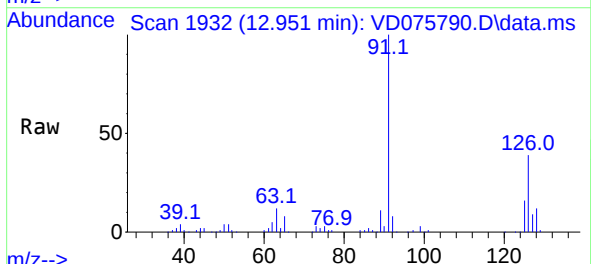
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

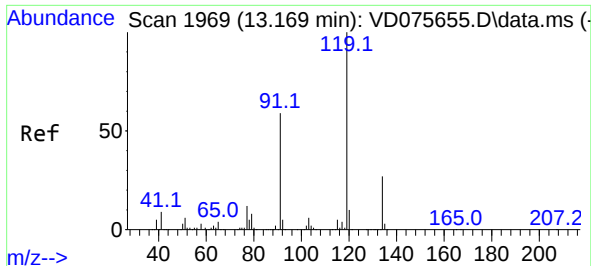
Tgt Ion: 75 Resp: 12840
Ion Ratio Lower Upper
75 100
53 71.3 90.5 135.7#
89 46.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.208 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 91 Resp: 159643
Ion Ratio Lower Upper
91 100
126 40.4 17.1 51.2

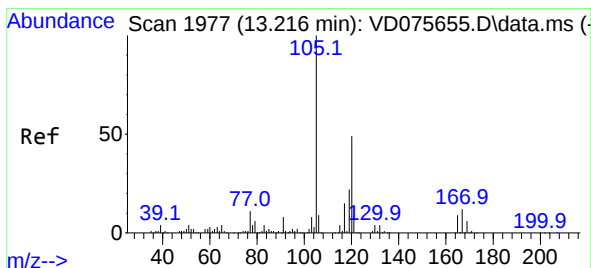
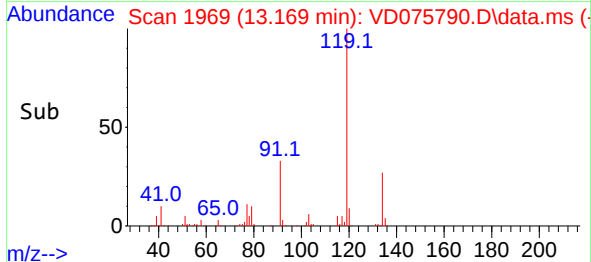
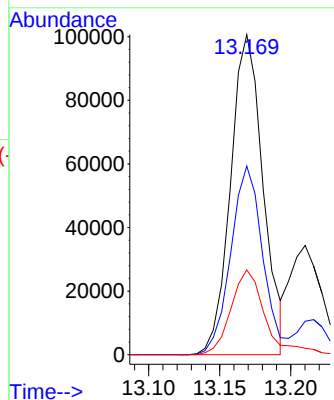
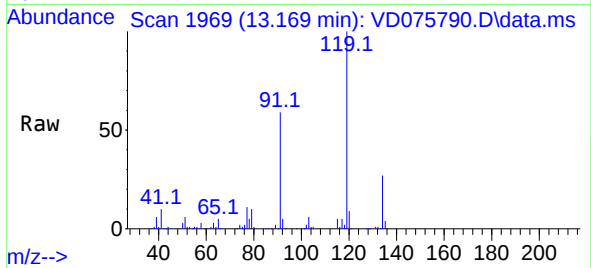




#83
tert-Butylbenzene
Concen: 20.865 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

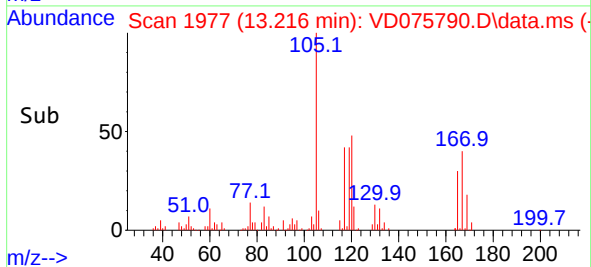
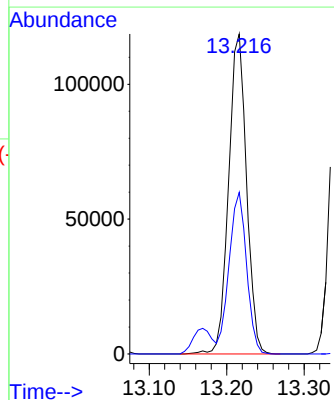
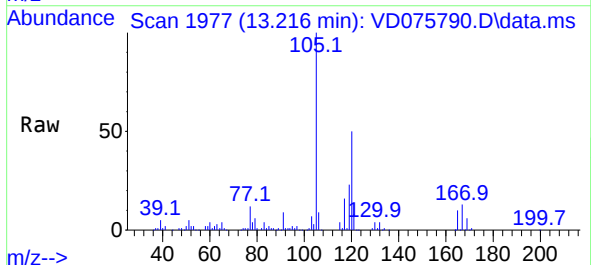
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

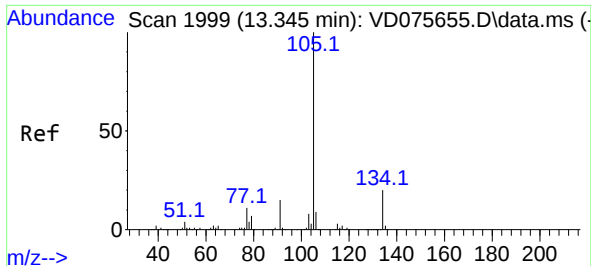
Tgt Ion:119 Resp: 160275
Ion Ratio Lower Upper
119 100
91 58.4 32.4 97.0
134 27.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.836 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:105 Resp: 190472
Ion Ratio Lower Upper
105 100
120 49.4 22.3 66.9

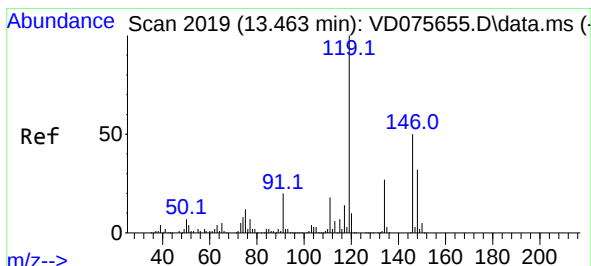
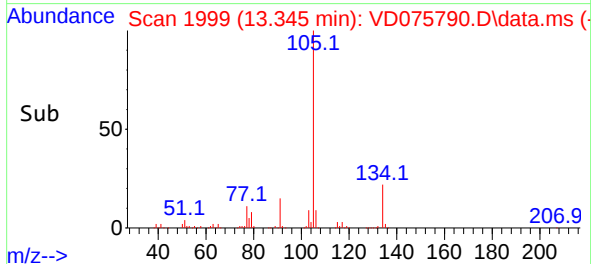
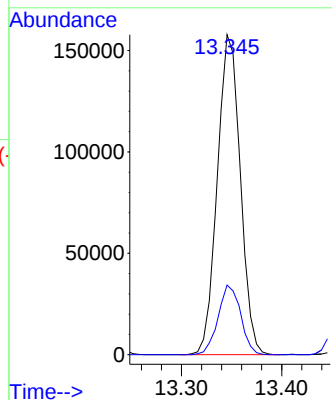
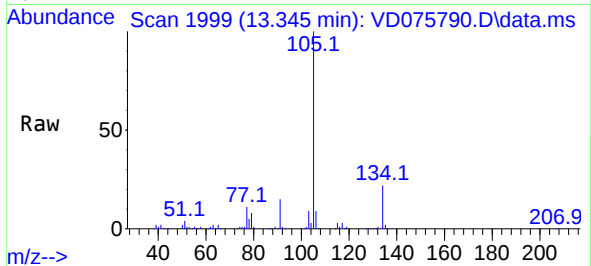




#85
 sec-Butylbenzene
 Concen: 21.186 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

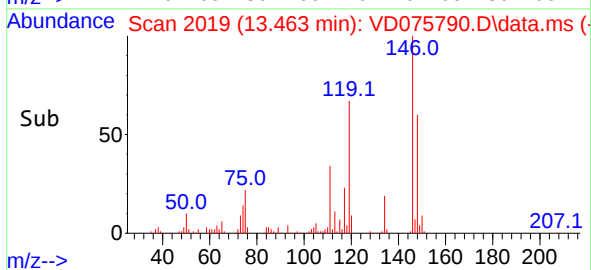
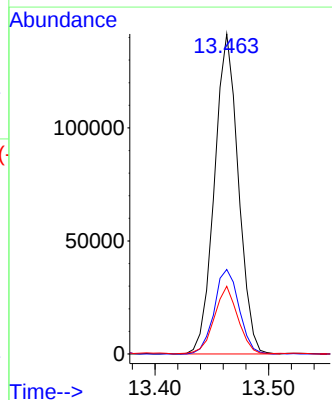
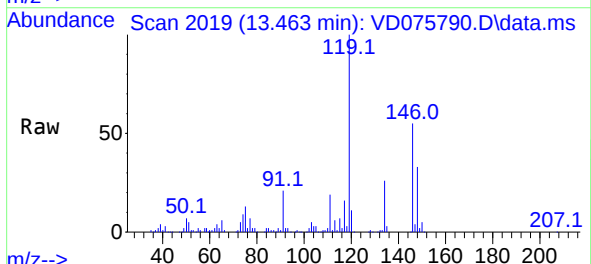
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBS01

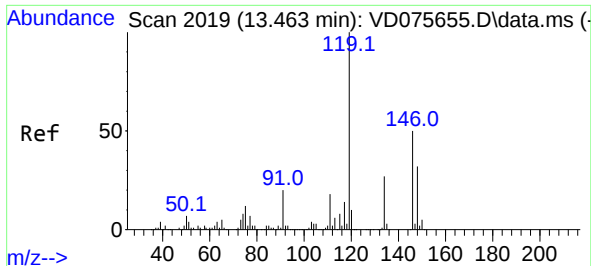
Tgt Ion:105 Resp: 251060
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.995 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075790.D
 Acq: 24 Apr 2023 12:32

Tgt Ion:119 Resp: 207125
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.3
 91 21.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.116 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBS01

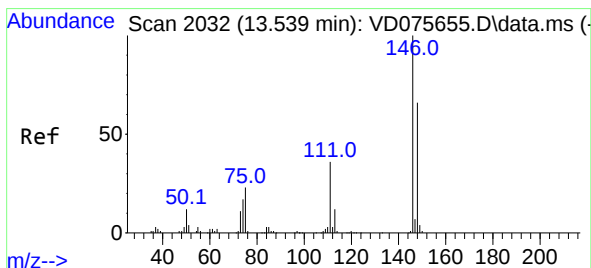
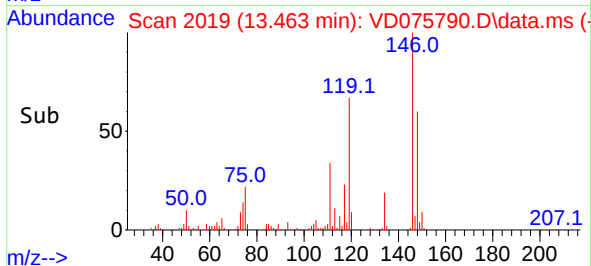
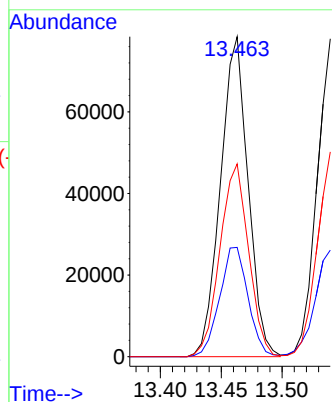
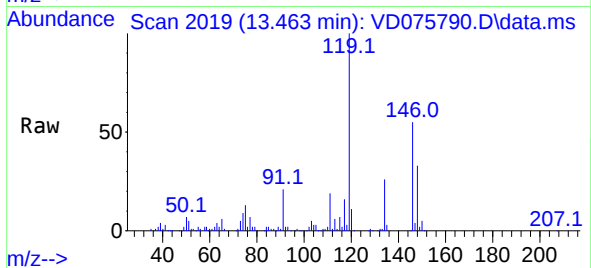
Tgt Ion:146 Resp: 123760

Ion Ratio Lower Upper

146 100

111 35.3 19.8 59.3

148 62.5 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 20.722 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

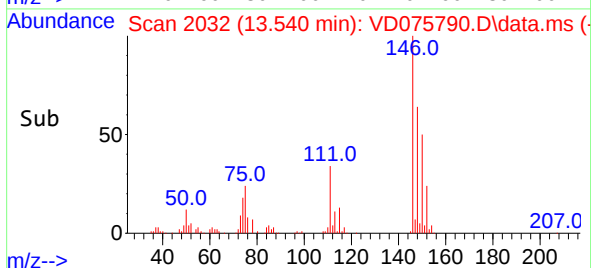
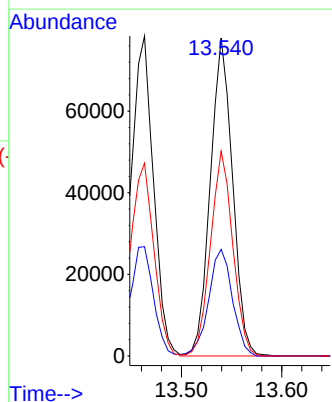
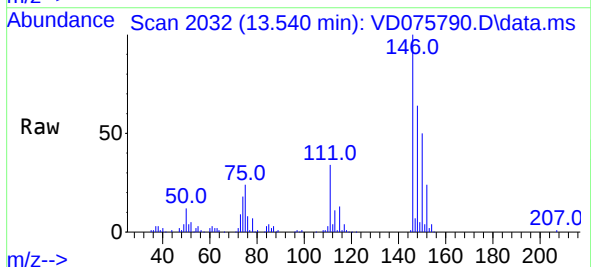
Tgt Ion:146 Resp: 119988

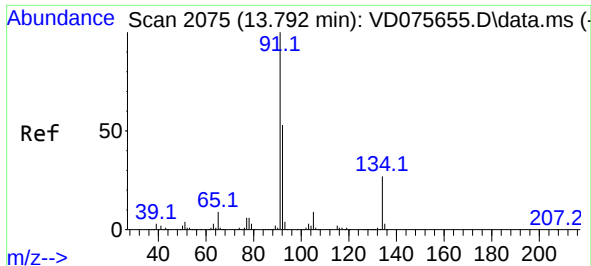
Ion Ratio Lower Upper

146 100

111 36.0 19.6 58.8

148 64.8 31.7 95.1

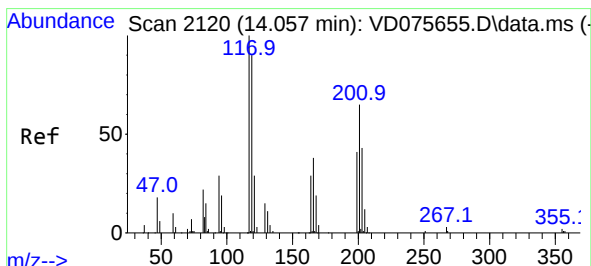
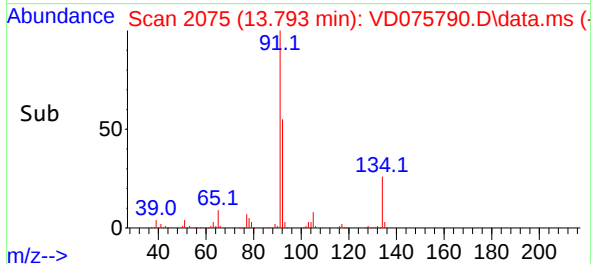
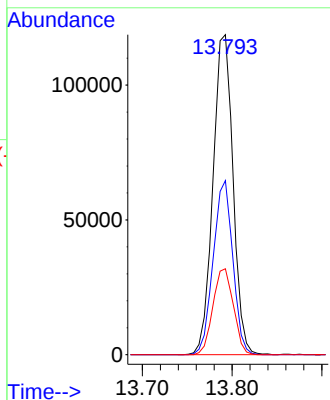
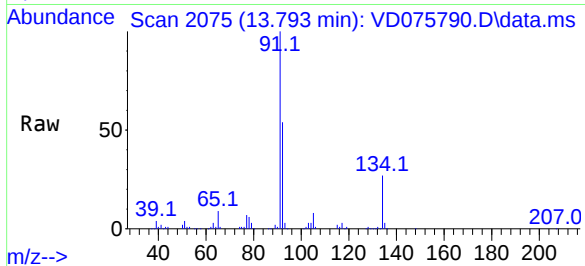




#89
n-Butylbenzene
Concen: 20.263 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.001 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

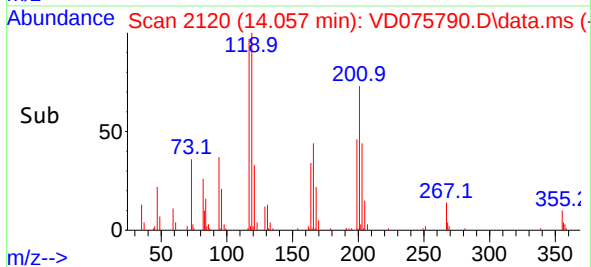
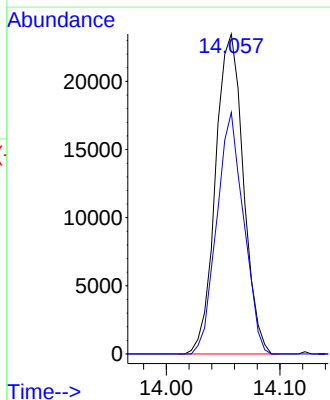
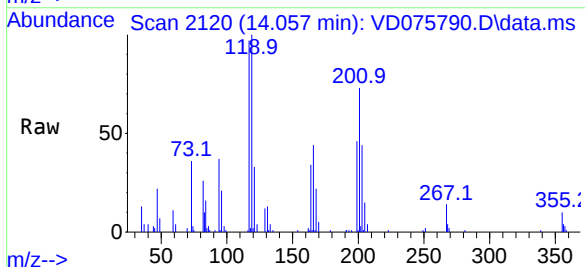
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

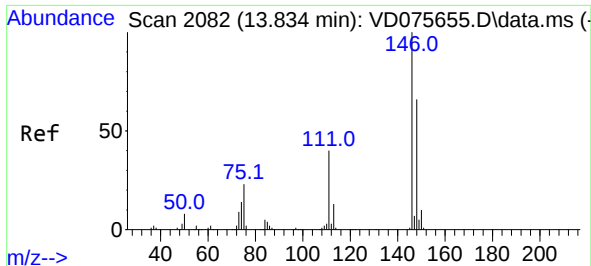
Tgt Ion: 91 Resp: 184133
Ion Ratio Lower Upper
91 100
92 53.2 26.2 78.5
134 27.3 12.7 38.0



#90
Hexachloroethane
Concen: 20.403 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion: 117 Resp: 39992
Ion Ratio Lower Upper
117 100
201 72.9 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 21.027 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBS01

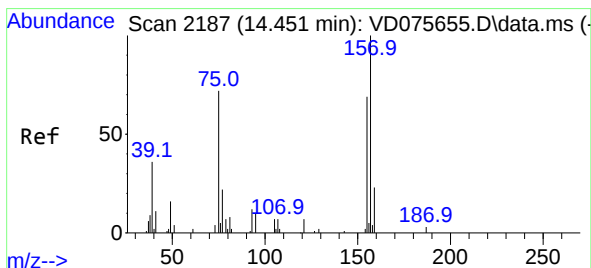
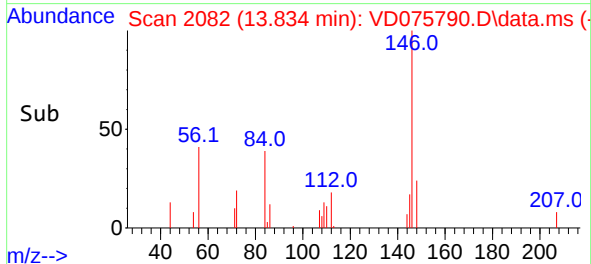
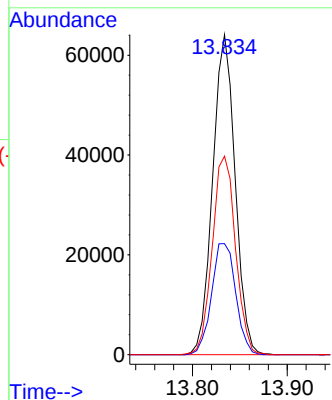
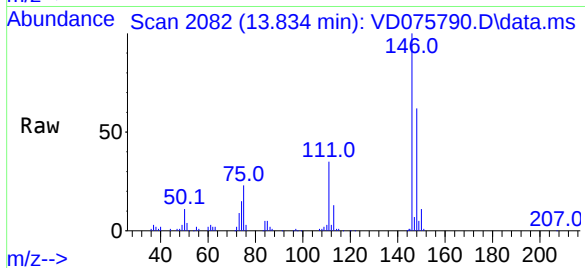
Tgt Ion:146 Resp: 105569

Ion Ratio Lower Upper

146 100

111 37.4 20.6 61.8

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.024 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075790.D

Acq: 24 Apr 2023 12:32

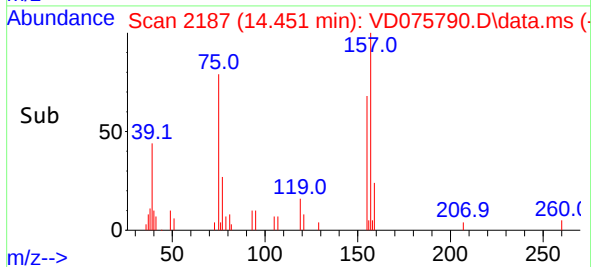
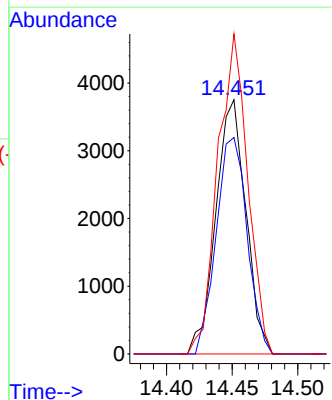
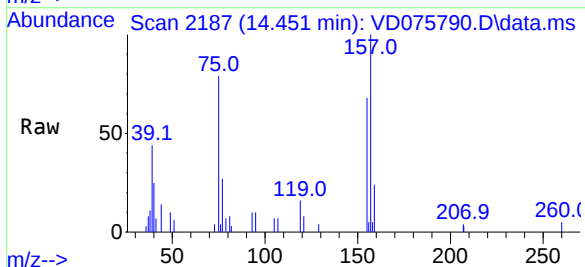
Tgt Ion: 75 Resp: 5983

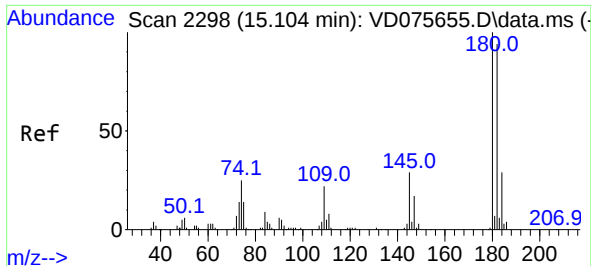
Ion Ratio Lower Upper

75 100

155 87.7 39.5 118.5

157 125.4 53.5 160.7

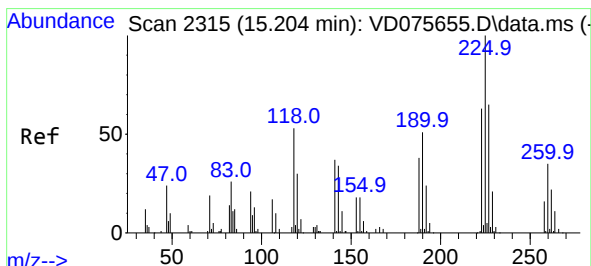
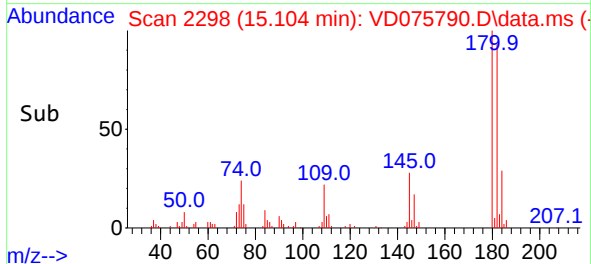
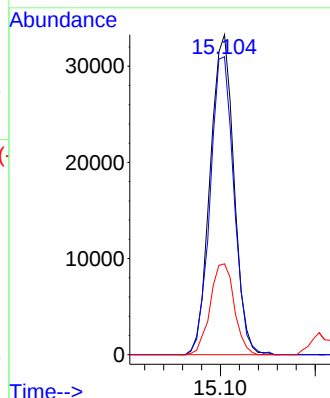
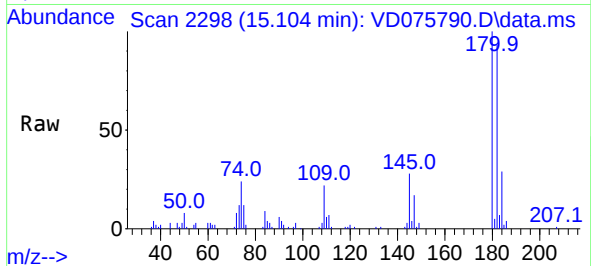




#93
1,2,4-Trichlorobenzene
Concen: 19.856 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

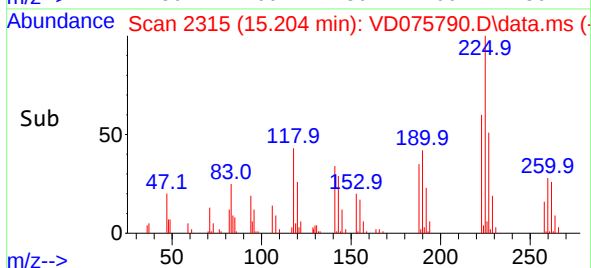
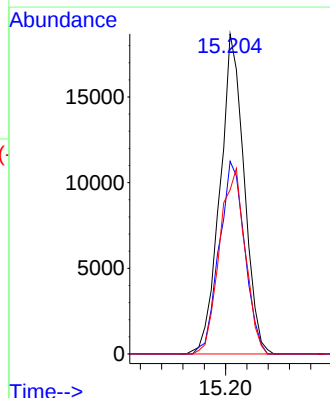
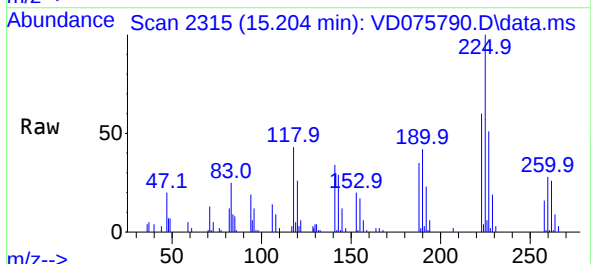
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

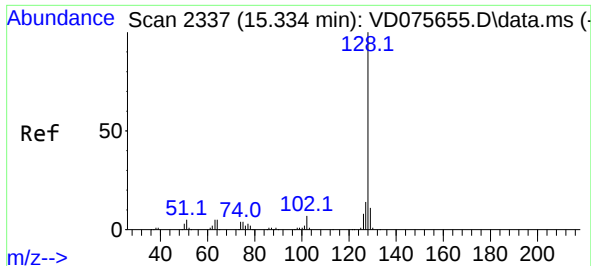
Tgt Ion:180 Resp: 57996
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.7
145 28.7 15.9 47.7



#94
Hexachlorobutadiene
Concen: 20.994 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:225 Resp: 29310
Ion Ratio Lower Upper
225 100
223 63.6 33.1 99.2
227 61.6 31.9 95.9

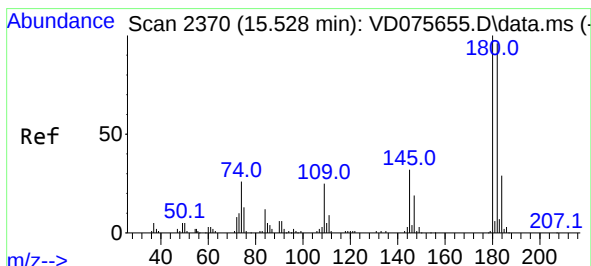
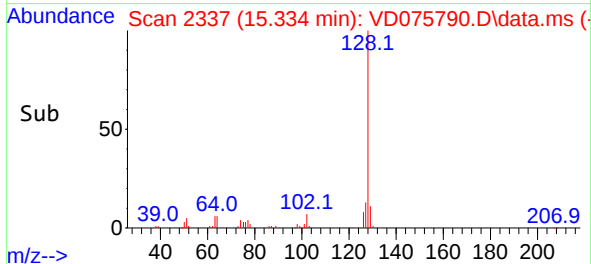
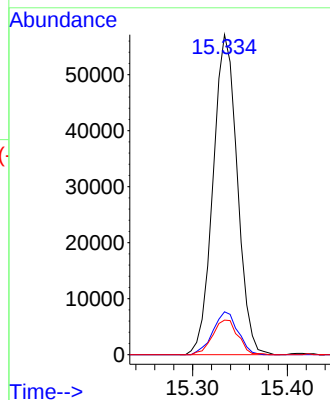
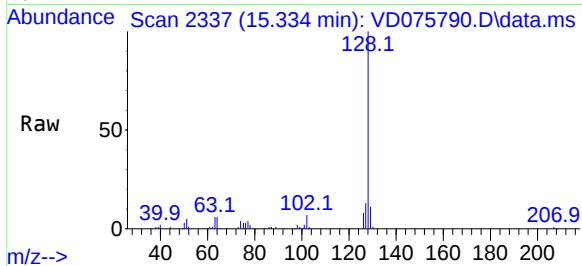




#95
Naphthalene
Concen: 18.344 ug/l
RT: 15.334 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

Tgt Ion:128 Resp: 101511
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.834 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075790.D
Acq: 24 Apr 2023 12:32

Tgt Ion:180 Resp: 50990
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 31.4 16.4 49.4

