

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077896.D
 Acq On : 15 Dec 2023 11:31
 Operator : RP/MD
 Sample : VD1215SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 03:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	132825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80607	51.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.000%	
35) Dibromofluoromethane	7.810	113	80955	50.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.269	98	331399	51.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.575	95	96329	50.092	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	32813	19.776	ug/l	98
3) Chloromethane	2.152	50	48280	21.348	ug/l	98
4) Vinyl Chloride	2.293	62	65321	21.275	ug/l	96
5) Bromomethane	2.693	94	43395	25.189	ug/l	100
6) Chloroethane	2.846	64	44932	21.466	ug/l	99
7) Trichlorofluoromethane	3.187	101	57114	20.198	ug/l	98
8) Diethyl Ether	3.593	74	16330	20.566	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.969	101	33722	20.846	ug/l	98
10) Methyl Iodide	4.175	142	30311	25.238	ug/l	94
11) Tert butyl alcohol	5.058	59	8435	105.392	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	31578	19.778	ug/l #	77
13) Acrolein	3.799	56	13891	83.901	ug/l	100
14) Allyl chloride	4.569	41	43280	19.710	ug/l	89
15) Acrylonitrile	5.269	53	35750	105.158	ug/l	94
16) Acetone	4.022	43	50410	134.443	ug/l #	81
17) Carbon Disulfide	4.275	76	100648	18.633	ug/l	100
18) Methyl Acetate	4.569	43	26635	21.608	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	69354	20.474	ug/l	94
20) Methylene Chloride	4.810	84	42814	20.212	ug/l	91
21) trans-1,2-Dichloroethene	5.322	96	37276	20.613	ug/l	99
22) Diisopropyl ether	6.222	45	95456	20.802	ug/l	97
23) Vinyl Acetate	6.157	43	229414	102.377	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	64425	20.732	ug/l	92
25) 2-Butanone	7.087	43	51745	111.980	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	54004	20.698	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	40732	20.932	ug/l	91
28) Bromochloromethane	7.428	49	22512	17.928	ug/l #	75
29) Tetrahydrofuran	7.452	42	25965	104.178	ug/l	89
30) Chloroform	7.599	83	64491	20.736	ug/l	99
31) Cyclohexane	7.881	56	53960	19.383	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	57376	20.927	ug/l	98
36) 1,1-Dichloropropene	8.010	75	49894	19.423	ug/l	93
37) Ethyl Acetate	7.175	43	17462	17.433	ug/l	98
38) Carbon Tetrachloride	7.993	117	50601	19.758	ug/l	91
39) Methylcyclohexane	9.275	83	59833	19.647	ug/l	95
40) Benzene	8.257	78	146477	20.090	ug/l	98

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 ClientSampleId :

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9773	19.197	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	39185	20.734	ug/l	93
43) Isopropyl Acetate	8.357	43	35417	19.891	ug/l #	94
44) Trichloroethene	9.034	130	38273	20.144	ug/l	100
45) 1,2-Dichloropropane	9.304	63	36357	20.513	ug/l	98
46) Dibromomethane	9.393	93	18944	20.200	ug/l	94
47) Bromodichloromethane	9.587	83	49291	20.737	ug/l	95
48) Methyl methacrylate	9.381	41	20011	19.771	ug/l #	80
49) 1,4-Dioxane	9.387	88	4026	432.341	ug/l #	89
51) 4-Methyl-2-Pentanone	10.163	43	92288	101.557	ug/l	92
52) Toluene	10.334	92	92344	20.418	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	46279	20.274	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	54563	19.771	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	25952	20.231	ug/l	91
56) Ethyl methacrylate	10.598	69	24146	21.353	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	46955	21.236	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	60645	94.043	ug/l	93
59) 2-Hexanone	10.922	43	81343	107.893	ug/l	88
60) Dibromochloromethane	11.075	129	32815	21.247	ug/l	99
61) 1,2-Dibromoethane	11.181	107	24385	20.194	ug/l	95
64) Tetrachloroethene	10.810	164	30241	19.509	ug/l	95
65) Chlorobenzene	11.610	112	97411	18.420	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	35038	19.978	ug/l	94
67) Ethyl Benzene	11.687	91	170997	19.474	ug/l	97
68) m/p-Xylenes	11.792	106	128818	38.354	ug/l	88
69) o-Xylene	12.122	106	60466	19.534	ug/l	92
70) Styrene	12.139	104	91449	19.869	ug/l	95
71) Bromoform	12.298	173	19104	20.847	ug/l #	100
73) Isopropylbenzene	12.422	105	162119	20.165	ug/l	96
74) N-amyl acetate	12.234	43	31278	19.792	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	30096	21.470	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	37530	40.738	ug/l #	100
77) Bromobenzene	12.704	156	38062	20.128	ug/l	88
78) n-propylbenzene	12.763	91	199159	20.330	ug/l	97
79) 2-Chlorotoluene	12.851	91	106657	20.316	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	134716	20.091	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9321	20.499	ug/l	87
82) 4-Chlorotoluene	12.951	91	112192	20.442	ug/l	96
83) tert-Butylbenzene	13.169	119	116556	20.590	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	137217	20.460	ug/l	97
85) sec-Butylbenzene	13.345	105	170147	20.334	ug/l	97
86) p-Isopropyltoluene	13.463	119	147501	19.689	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	78088	20.193	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	78137	19.257	ug/l	98
89) n-Butylbenzene	13.786	91	142290	20.185	ug/l	98
90) Hexachloroethane	14.057	117	29754	21.596	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	67180	20.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4219	20.193	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	41575	18.507	ug/l	96
94) Hexachlorobutadiene	15.204	225	22353	18.452	ug/l	97
95) Naphthalene	15.333	128	73214	19.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	35561	19.201	ug/l	97

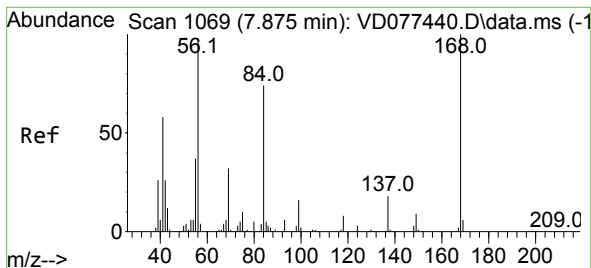
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
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Acq On : 15 Dec 2023 11:31
Operator : RP/MD
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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

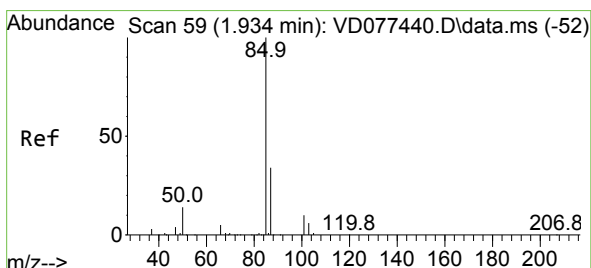
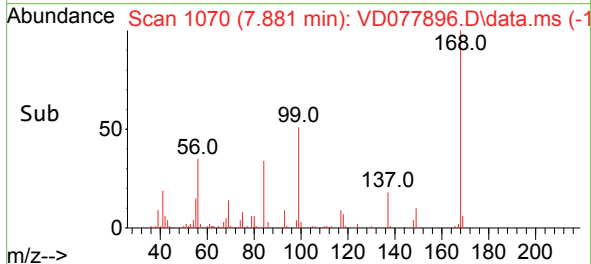
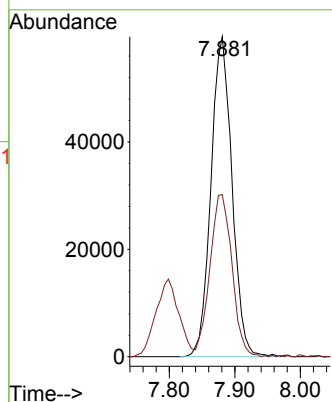
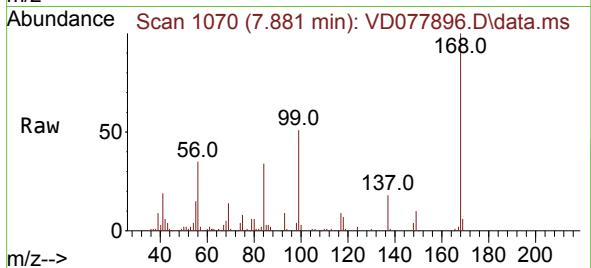
ClientSampleId :

Tgt Ion:168 Resp: 132825

Ion Ratio Lower Upper

168 100

99 50.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.776 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077896.D

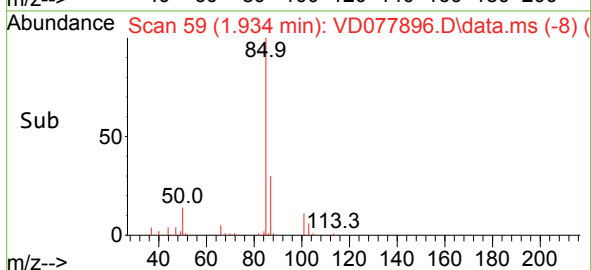
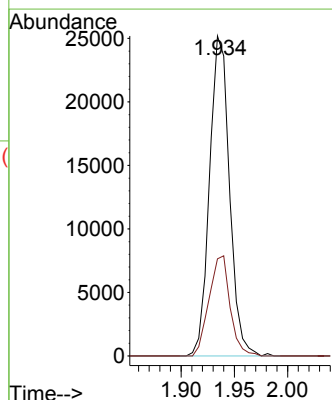
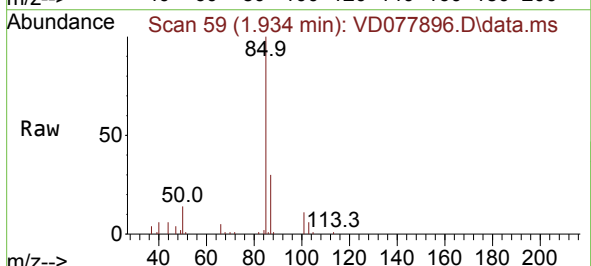
Acq: 15 Dec 2023 11:31

Tgt Ion: 85 Resp: 32813

Ion Ratio Lower Upper

85 100

87 30.3 15.7 47.0

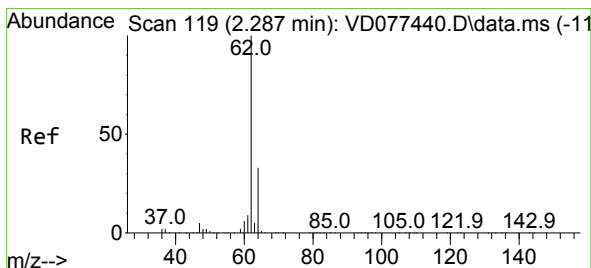
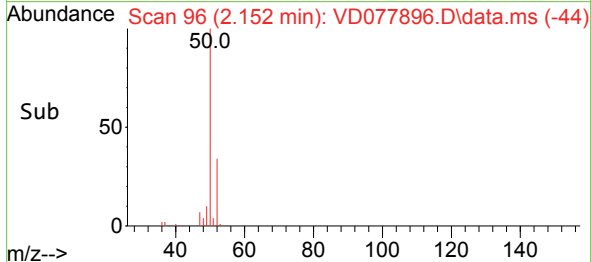
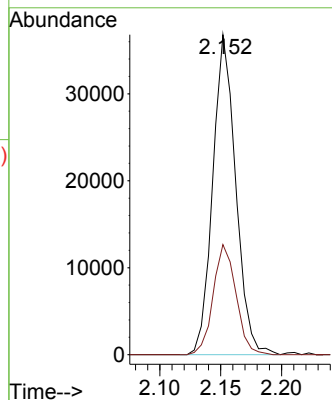
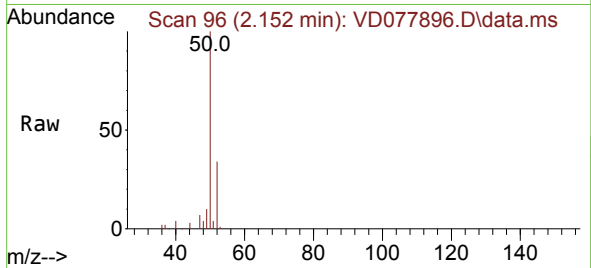




#3
Chloromethane
Concen: 21.348 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

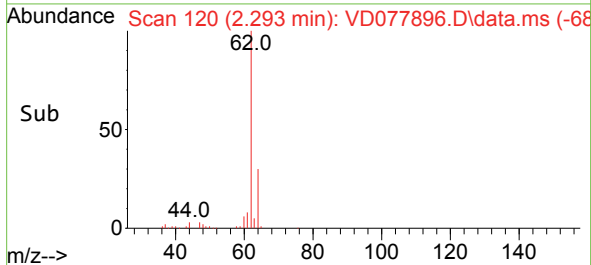
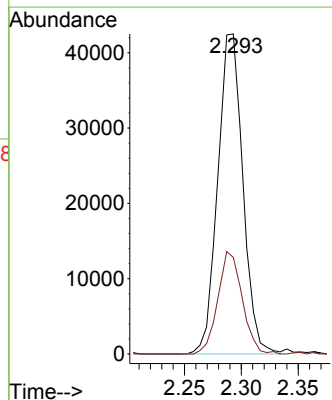
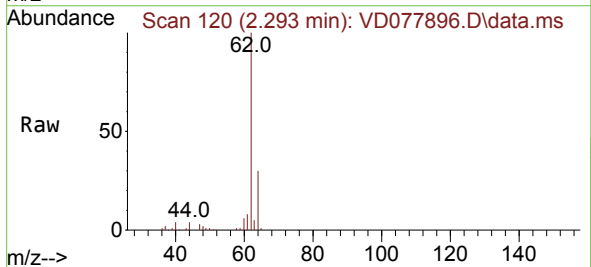
Instrument :
MSVOA_D
ClientSampleId :

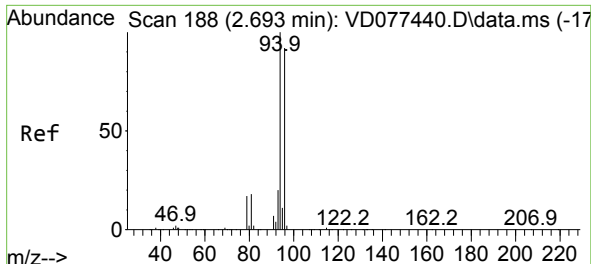
Tgt Ion: 50 Resp: 48280
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 21.275 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 62 Resp: 65321
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0

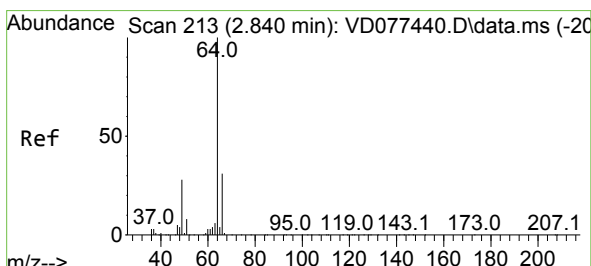
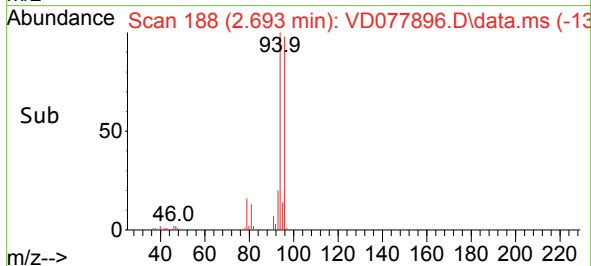
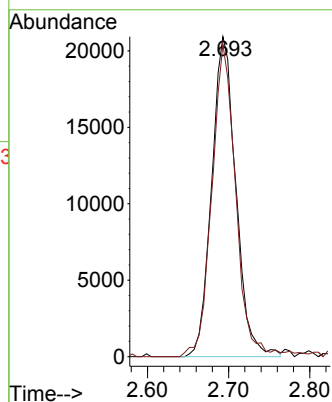
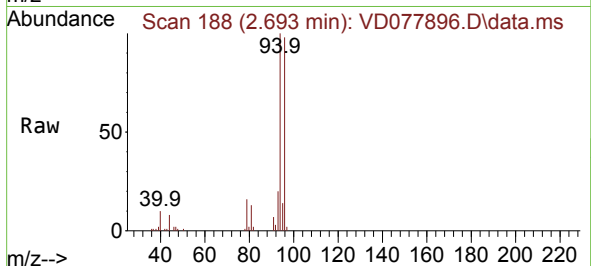




#5
Bromomethane
Concen: 25.189 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

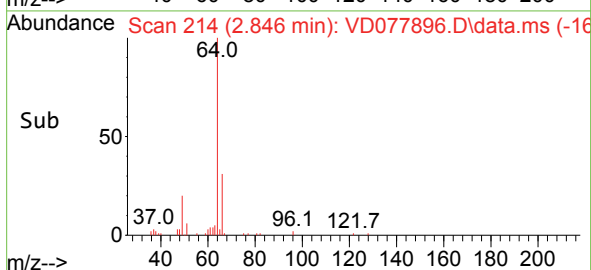
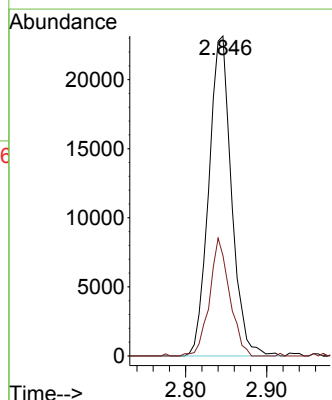
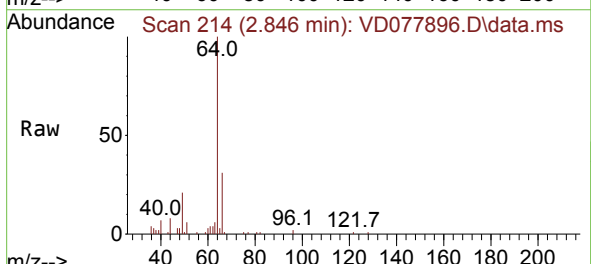
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MSVOA_D
ClientSampleId :

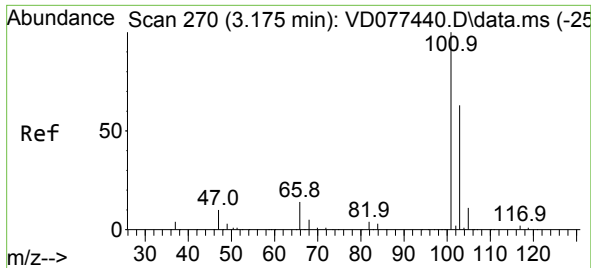
Tgt Ion: 94 Resp: 43395
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.8



#6
Chloroethane
Concen: 21.466 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 64 Resp: 44932
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

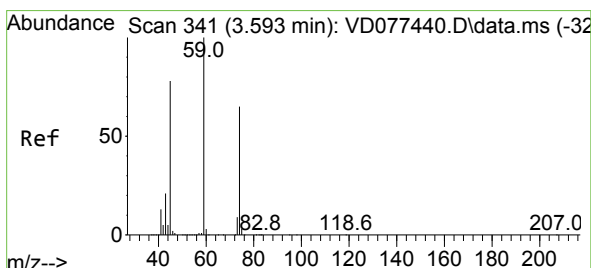
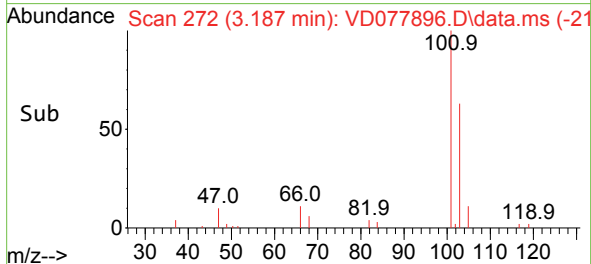
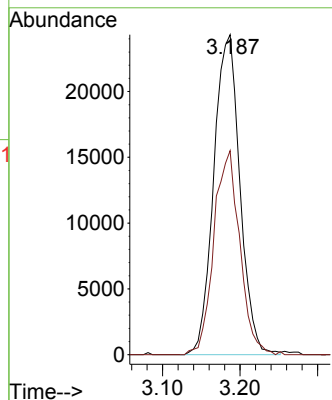
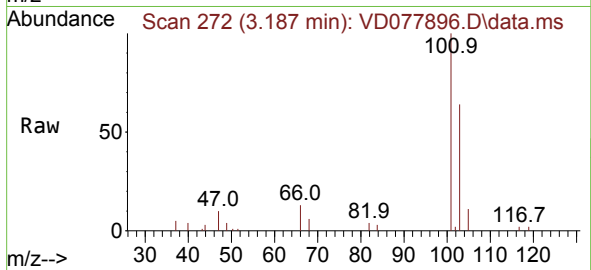




#7
Trichlorofluoromethane
Concen: 20.198 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

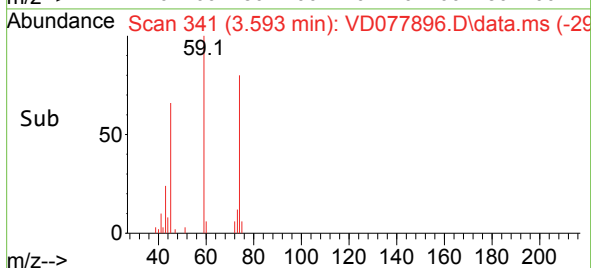
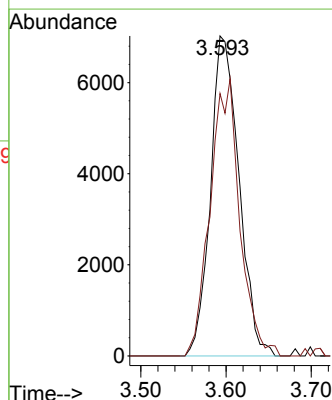
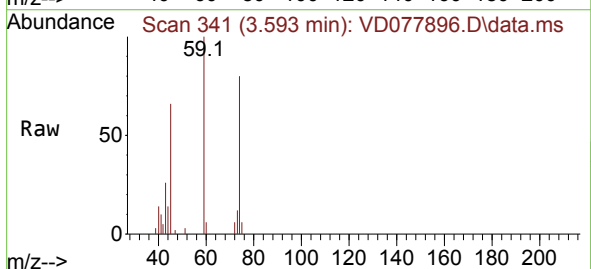
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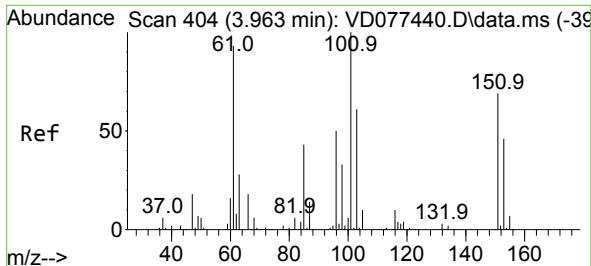
Tgt Ion:101 Resp: 57114
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5



#8
Diethyl Ether
Concen: 20.566 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 74 Resp: 16330
Ion Ratio Lower Upper
74 100
45 89.7 37.5 112.7

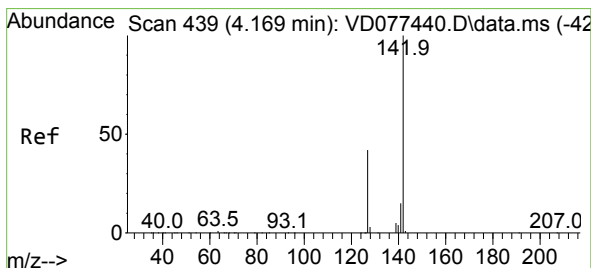
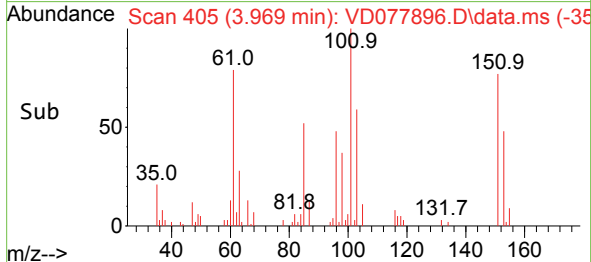
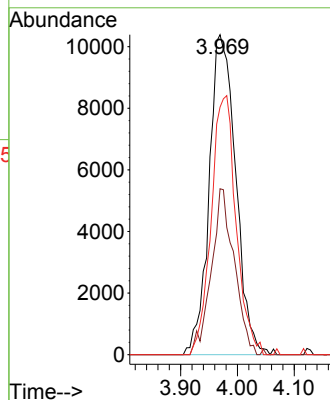
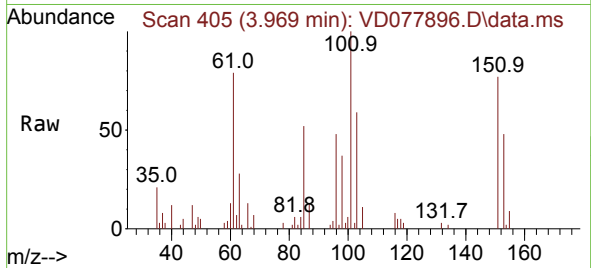




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.846 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

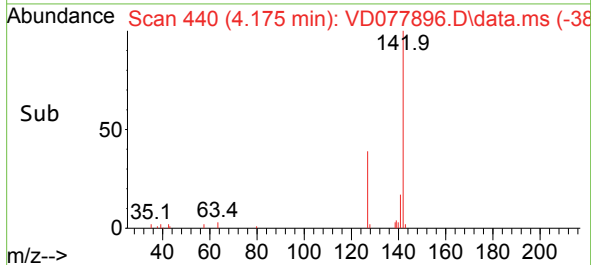
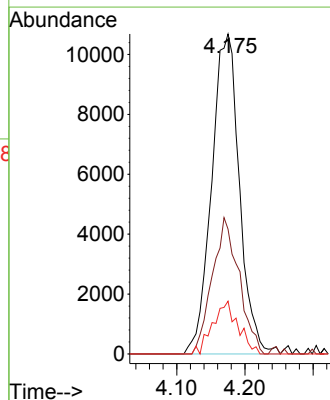
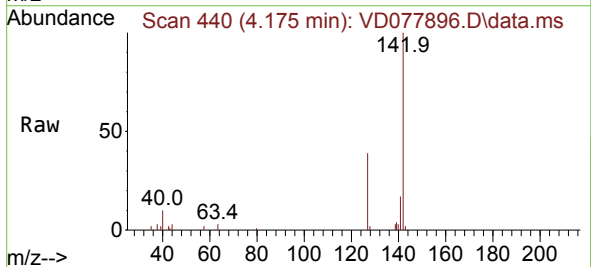
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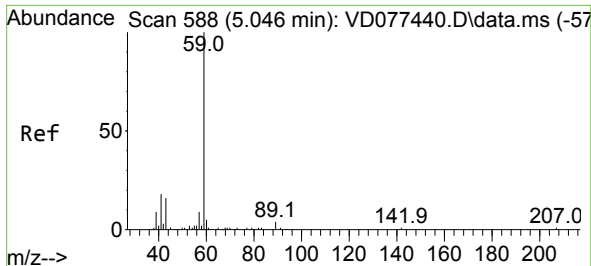
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Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 75.8 59.8 89.6



#10
Methyl Iodide
Concen: 25.238 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion:142 Resp: 30311
Ion Ratio Lower Upper
142 100
127 41.0 29.4 44.0
141 15.1 11.1 16.7

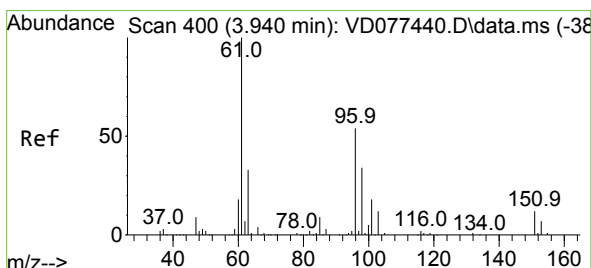
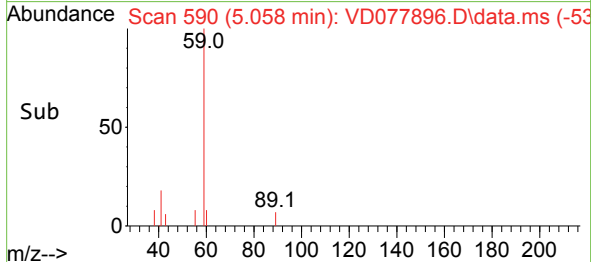
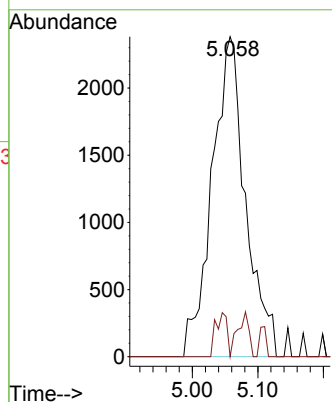
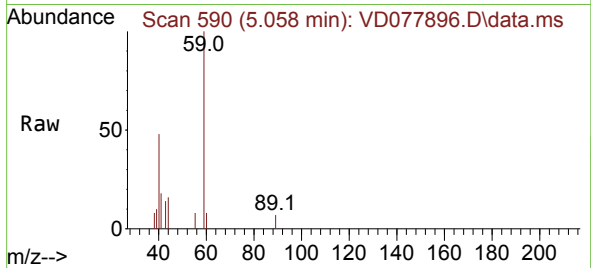




#11
Tert butyl alcohol
Concen: 105.392 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

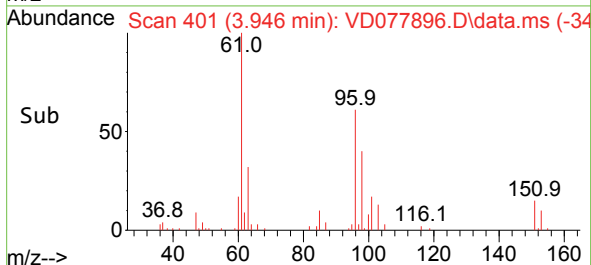
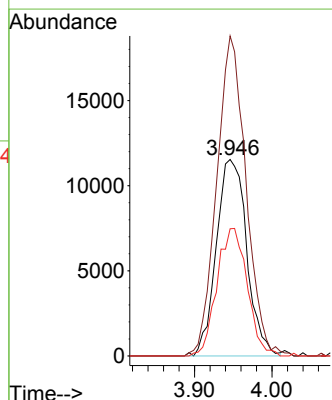
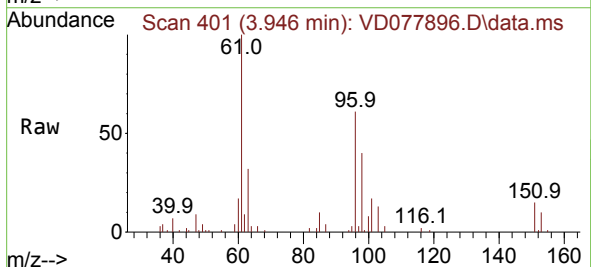
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 8435
Ion Ratio Lower Upper
59 100
57 4.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.778 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

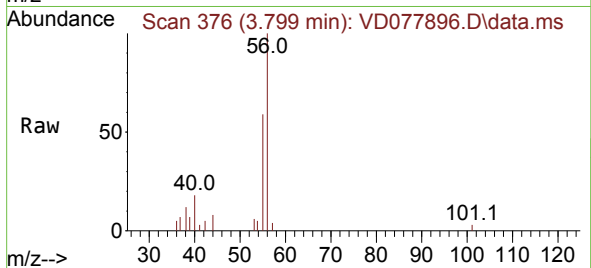
Tgt Ion: 96 Resp: 31578
Ion Ratio Lower Upper
96 100
61 162.9 100.6 150.8#
98 64.7 50.2 75.2



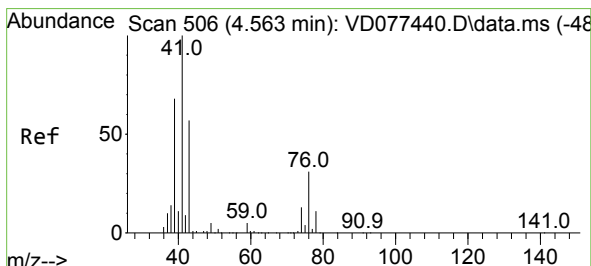
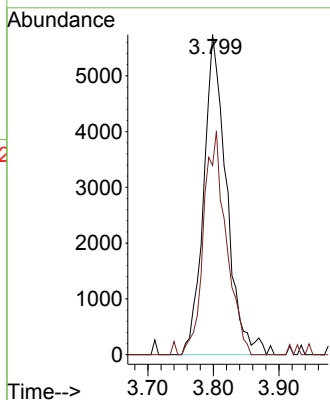
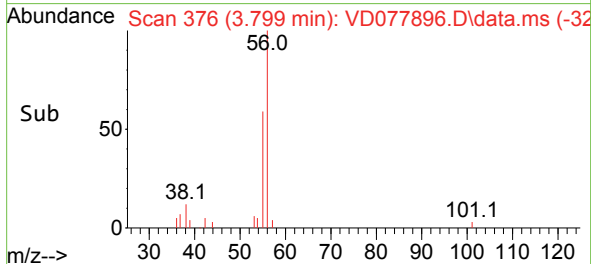


#13
Acrolein
Concen: 83.901 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

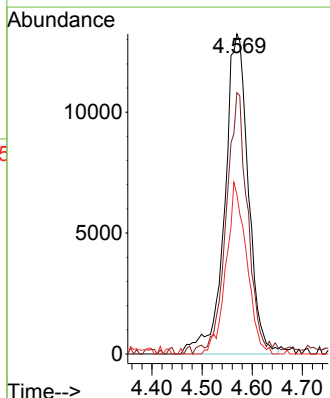
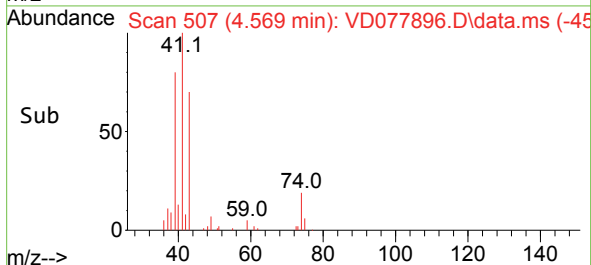
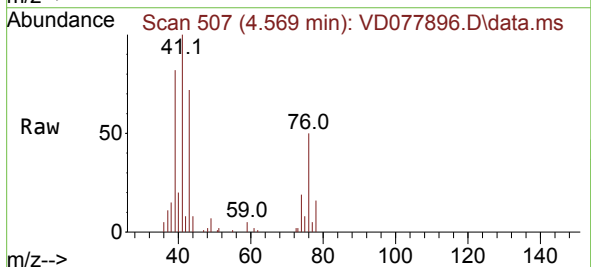


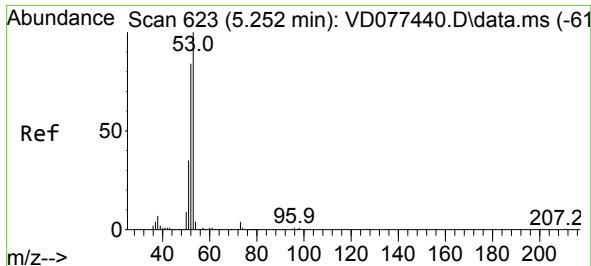
Tgt Ion: 56 Resp: 13891
Ion Ratio Lower Upper
56 100
55 69.0 55.1 82.7



#14
Allyl chloride
Concen: 19.710 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

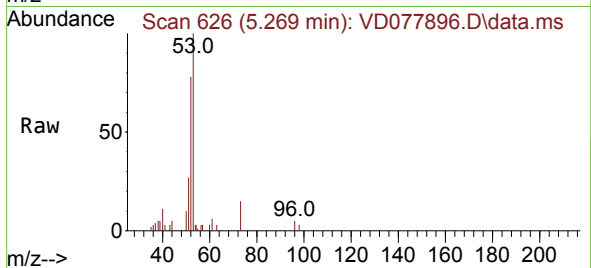
Tgt Ion: 41 Resp: 43280
Ion Ratio Lower Upper
41 100
39 74.1 53.8 80.6
76 46.8 45.8 68.8



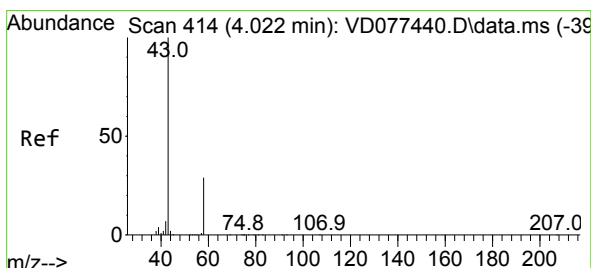
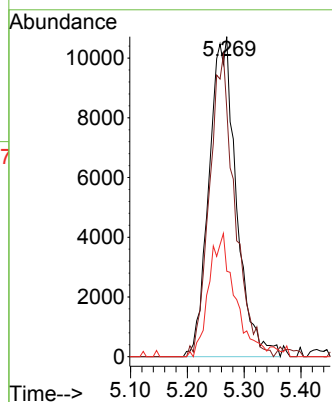
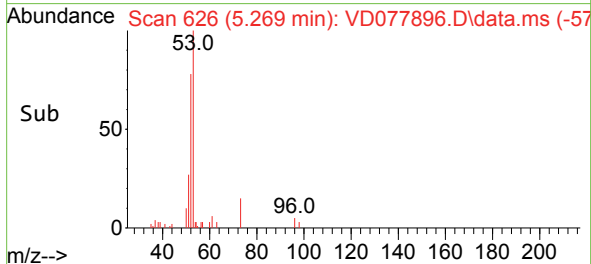


#15
Acrylonitrile
Concen: 105.158 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.017 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

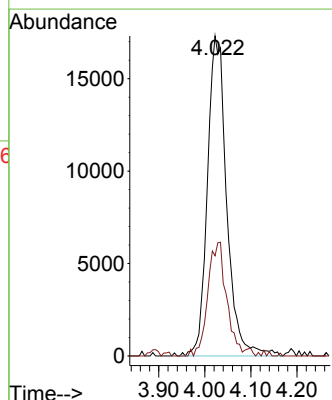
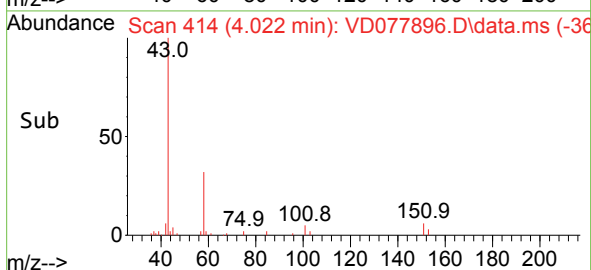
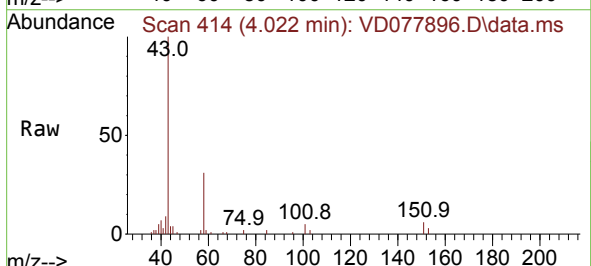


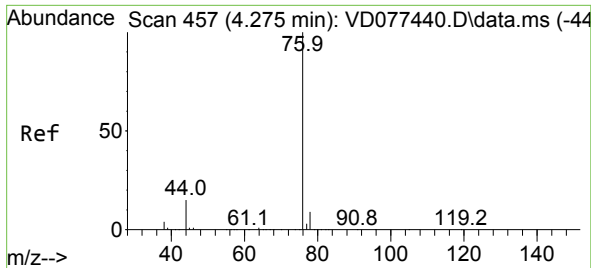
Tgt Ion: 53 Resp: 35750
Ion Ratio Lower Upper
53 100
52 87.5 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 134.443 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 43 Resp: 50410
Ion Ratio Lower Upper
43 100
58 31.3 34.7 52.1#

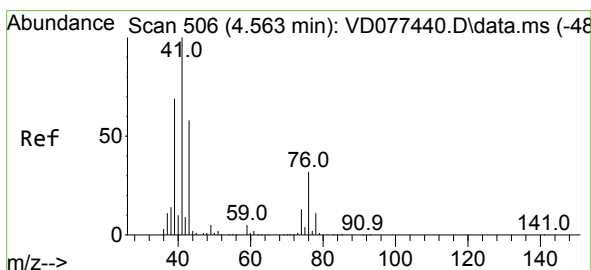
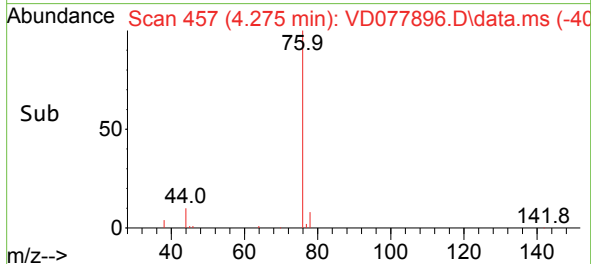
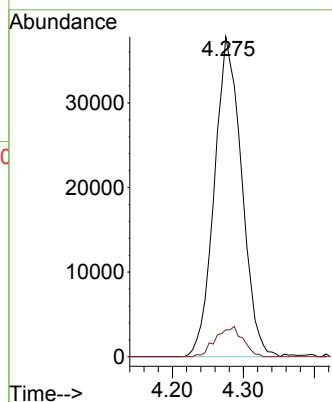
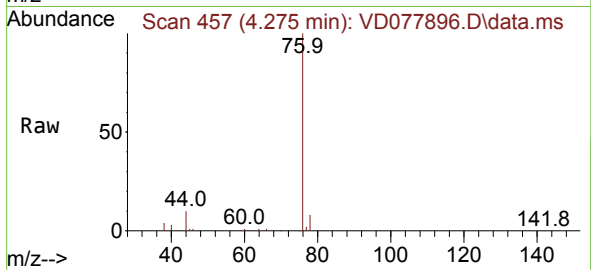




#17
Carbon Disulfide
Concen: 18.633 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

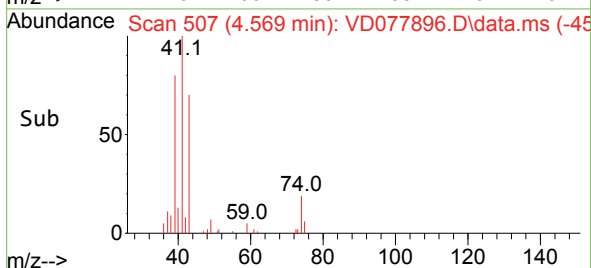
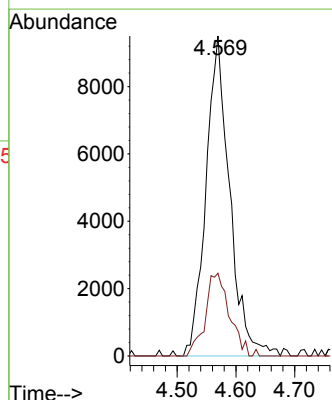
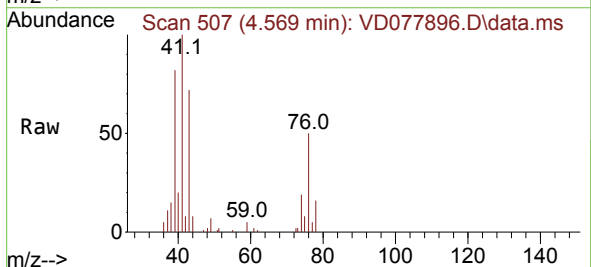
Instrument :
MSVOA_D
ClientSampleId :

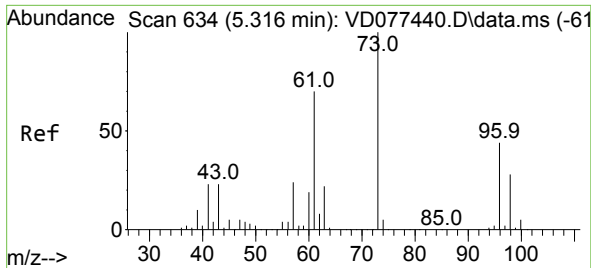
Tgt Ion: 76 Resp: 100648
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 21.608 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 43 Resp: 26635
Ion Ratio Lower Upper
43 100
74 26.2 26.4 39.6#

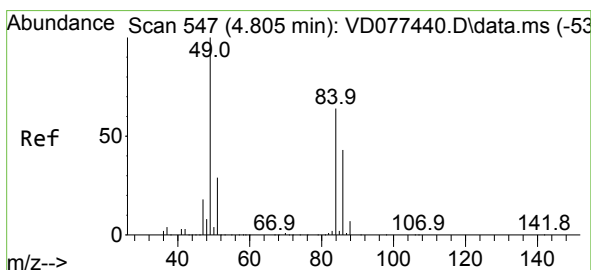
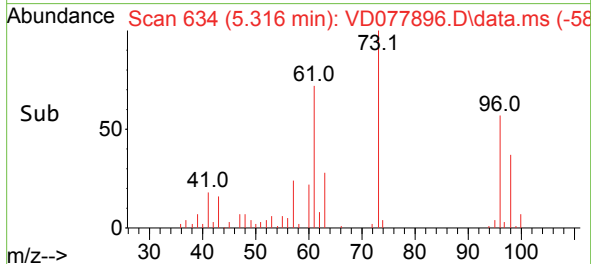
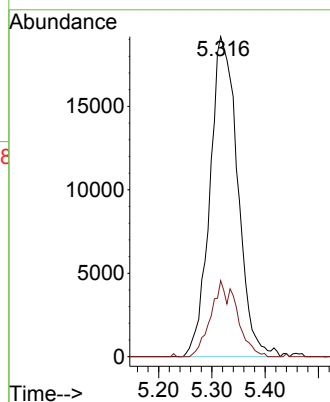
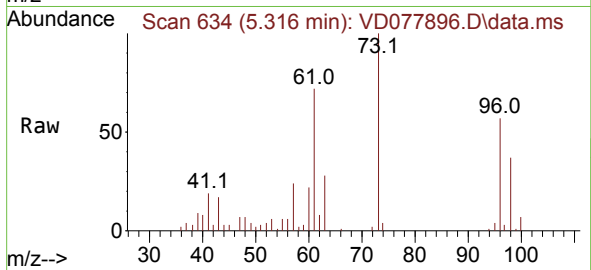




#19
Methyl tert-butyl Ether
Concen: 20.474 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

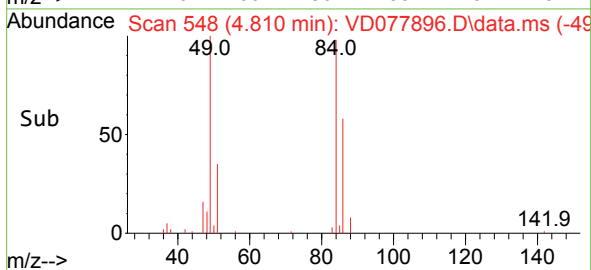
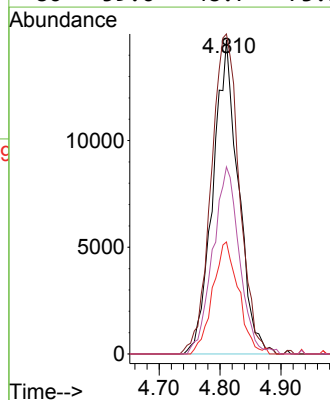
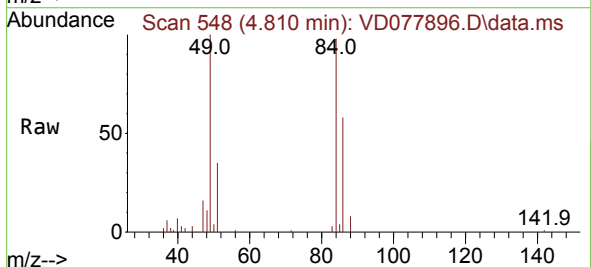
Instrument :
MSVOA_D
ClientSampleId :

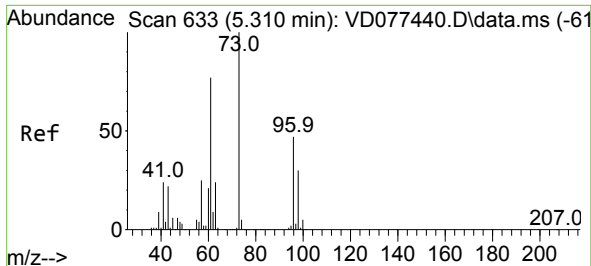
Tgt Ion: 73 Resp: 69354
Ion Ratio Lower Upper
73 100
57 23.8 16.6 25.0



#20
Methylene Chloride
Concen: 20.212 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

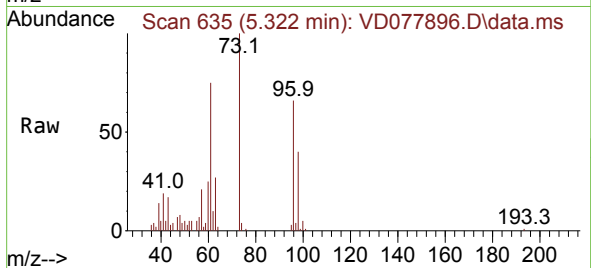
Tgt Ion: 84 Resp: 42814
Ion Ratio Lower Upper
84 100
49 101.9 71.4 107.2
51 35.7 24.5 36.7
86 59.6 48.7 73.1



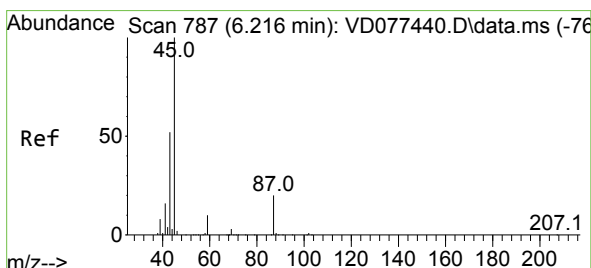
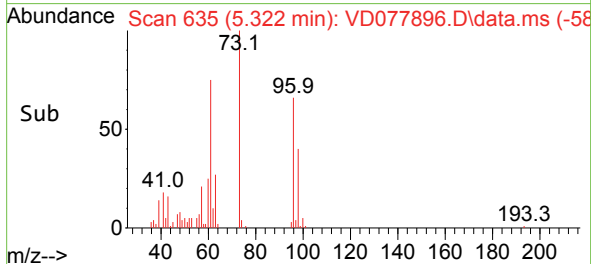
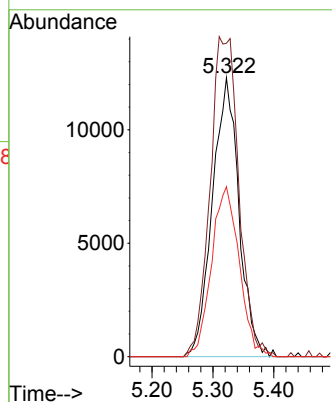


#21
trans-1,2-Dichloroethene
Concen: 20.613 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

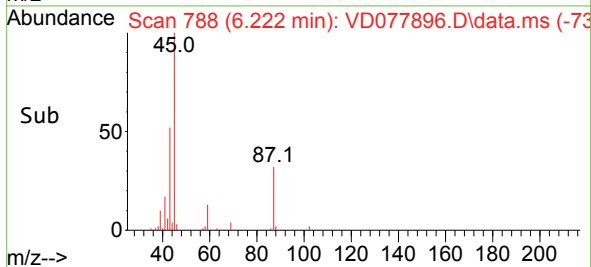
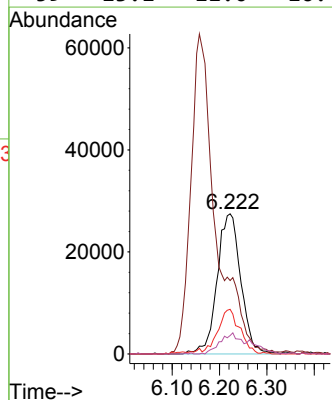
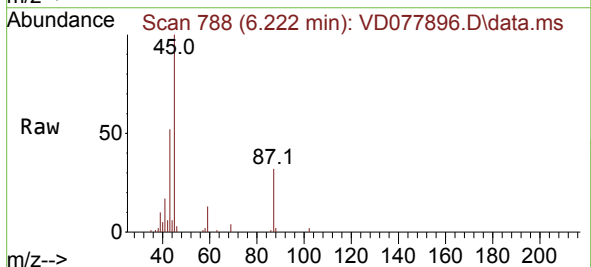


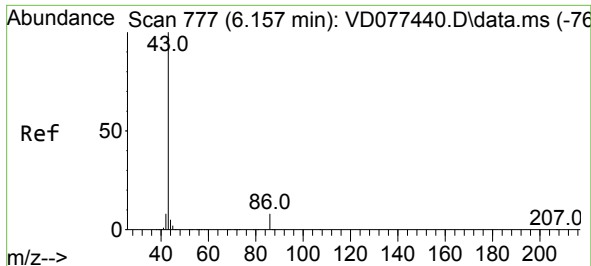
Tgt Ion: 96 Resp: 37276
Ion Ratio Lower Upper
96 100
61 112.4 89.3 133.9
98 60.9 48.6 73.0



#22
Diisopropyl ether
Concen: 20.802 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 45 Resp: 95456
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 31.8 28.2 42.4
59 13.1 11.0 16.4

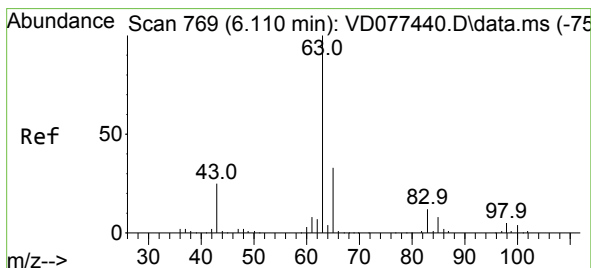
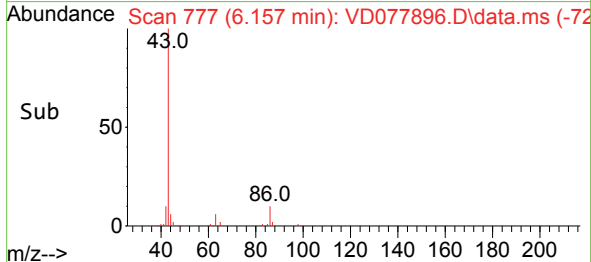
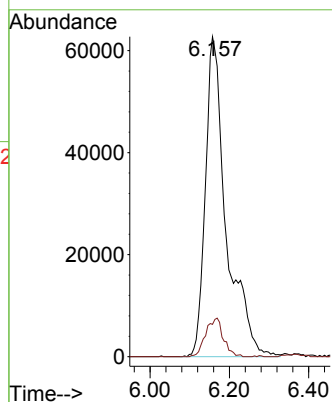
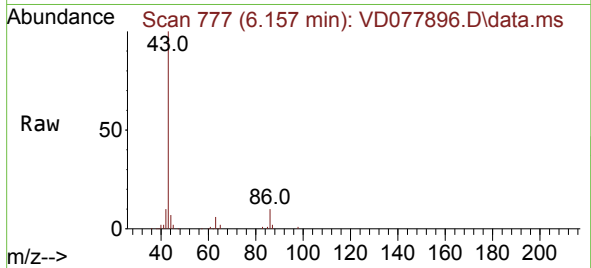




#23
 Vinyl Acetate
 Concen: 102.377 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

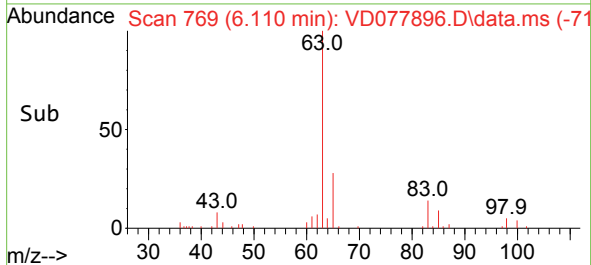
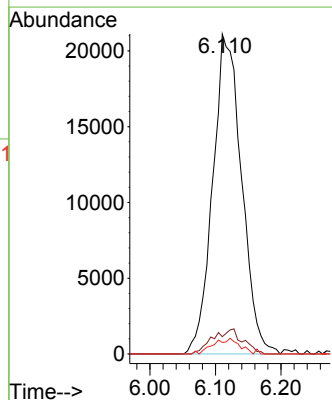
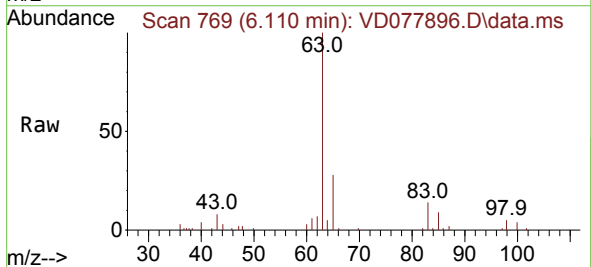
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 229414
 Ion Ratio Lower Upper
 43 100
 86 10.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.732 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

Tgt Ion: 63 Resp: 64425
 Ion Ratio Lower Upper
 63 100
 98 5.4 4.5 13.7
 100 3.6 2.5 7.5

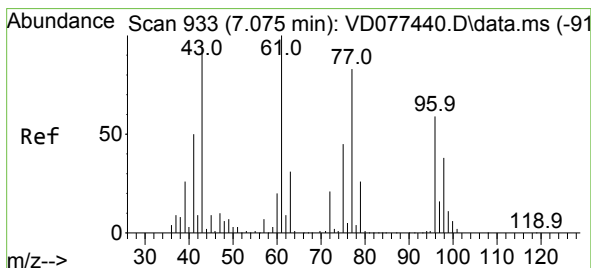
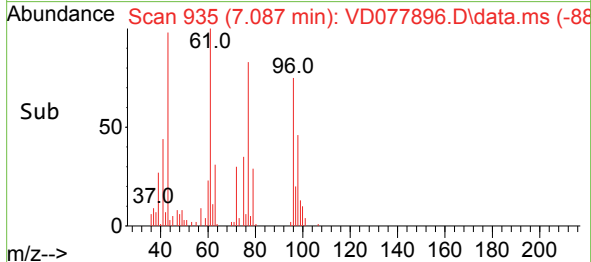
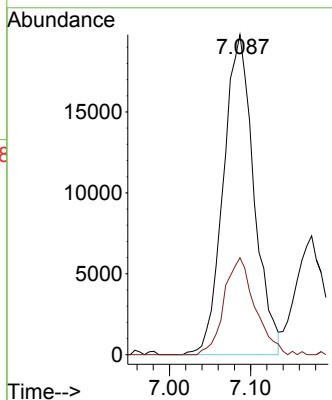
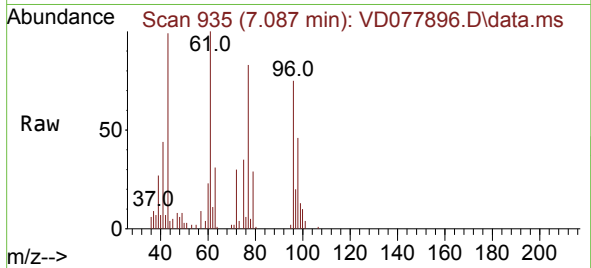




#25
2-Butanone
Concen: 111.980 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

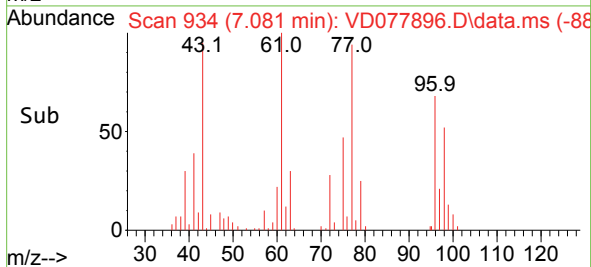
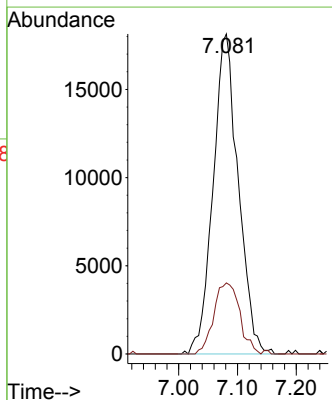
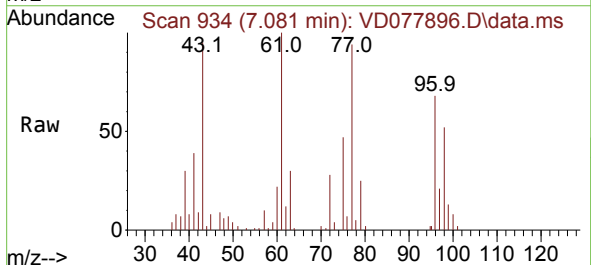
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 51745
Ion Ratio Lower Upper
43 100
72 30.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.698 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 77 Resp: 54004
Ion Ratio Lower Upper
77 100
97 22.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.932 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

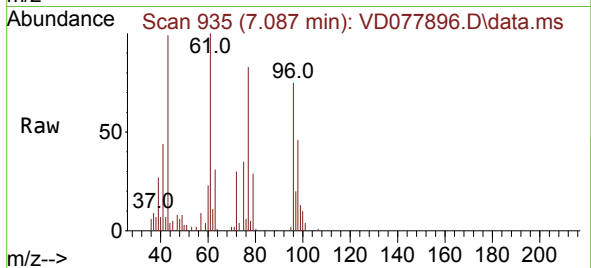
Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :



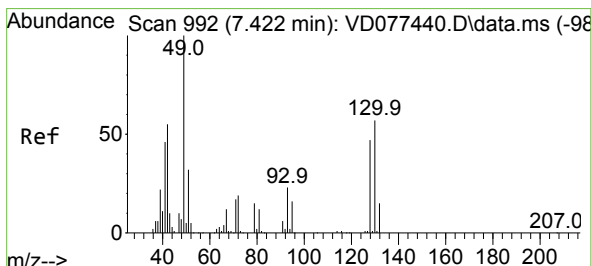
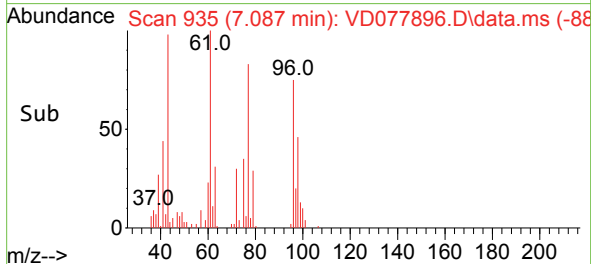
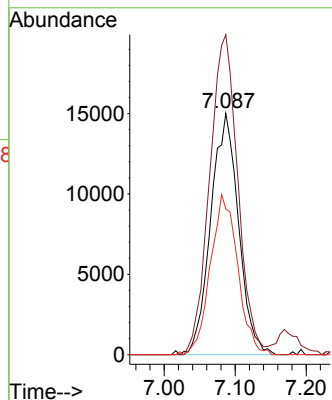
Tgt Ion: 96 Resp: 40732

Ion Ratio Lower Upper

96 100

61 134.8 0.0 239.2

98 65.3 0.0 128.6



#28

Bromochloromethane

Concen: 17.928 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

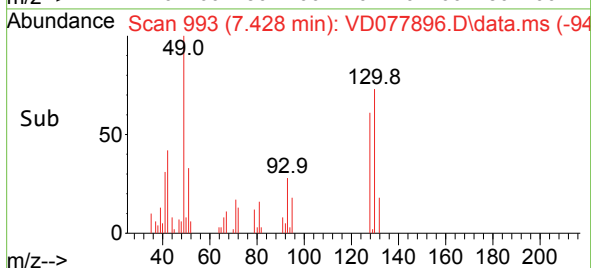
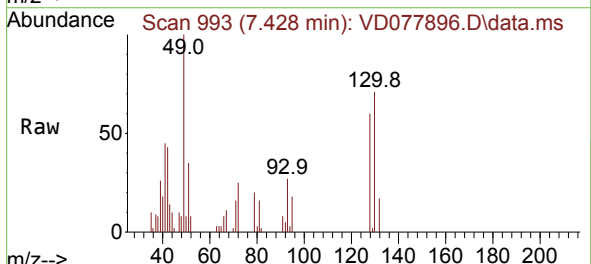
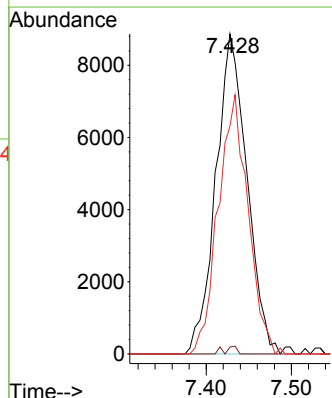
Tgt Ion: 49 Resp: 22512

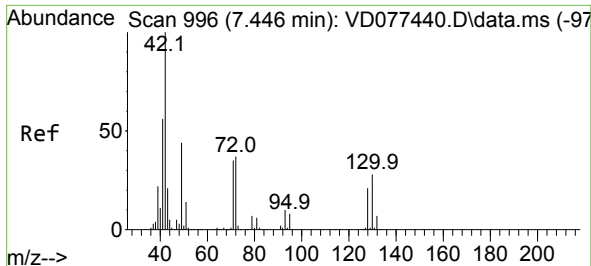
Ion Ratio Lower Upper

49 100

129 0.9 0.0 6.0

130 77.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 104.178 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077896.D

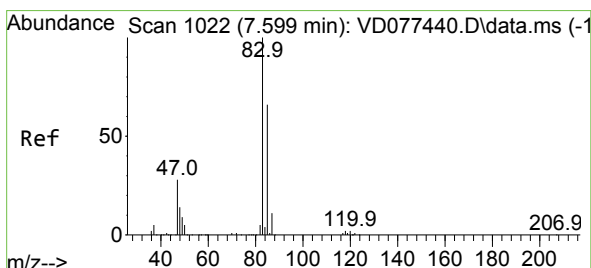
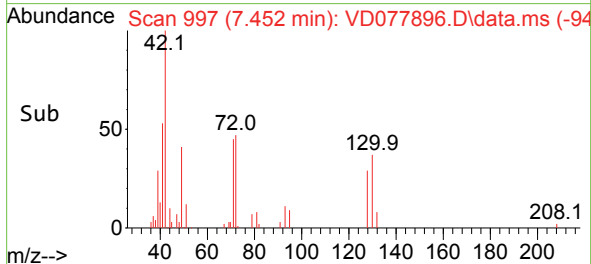
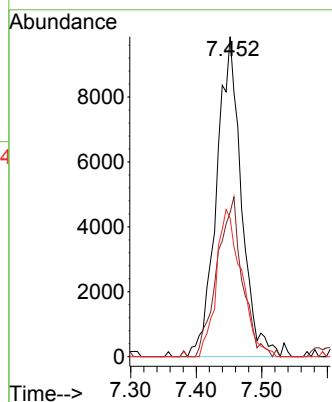
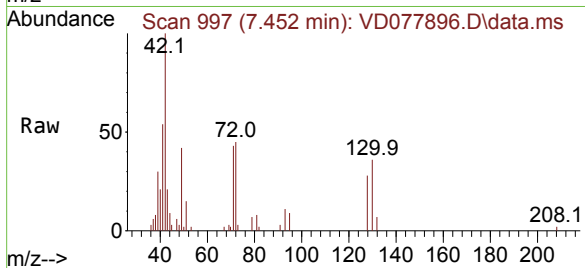
Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	25965
Ion	Ratio	Lower	Upper
42	100		
72	50.9	46.5	69.7
71	46.8	44.5	66.7



#30

Chloroform

Concen: 20.736 ug/l

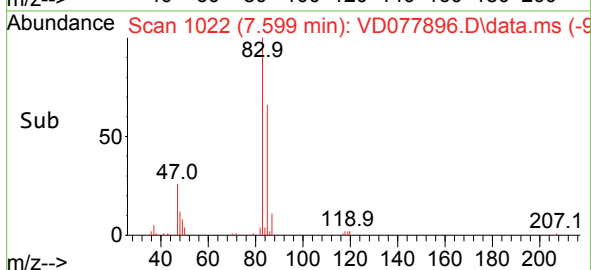
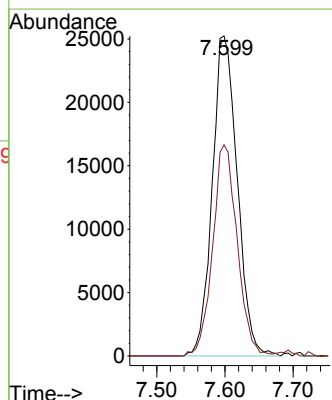
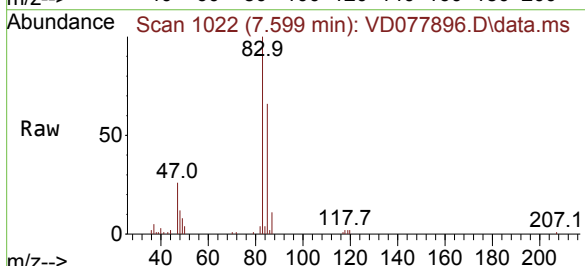
RT: 7.599 min Scan# 1022

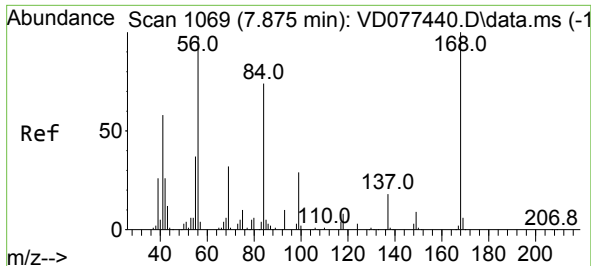
Delta R.T. -0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

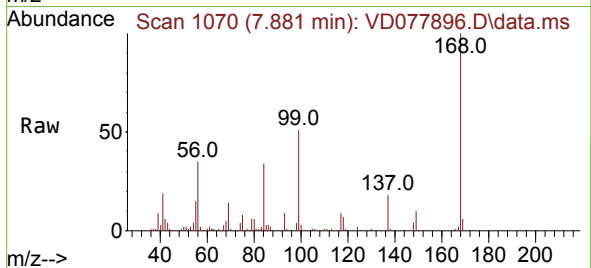
Tgt Ion:	83	Resp:	64491
Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.4	80.2



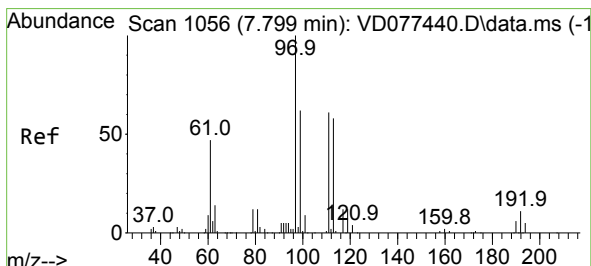
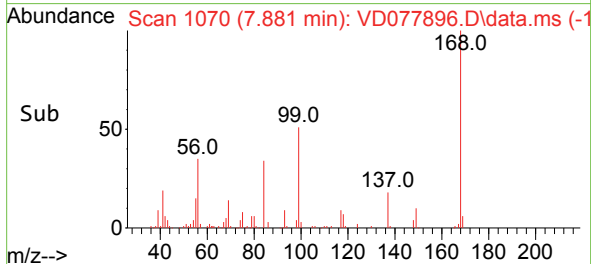
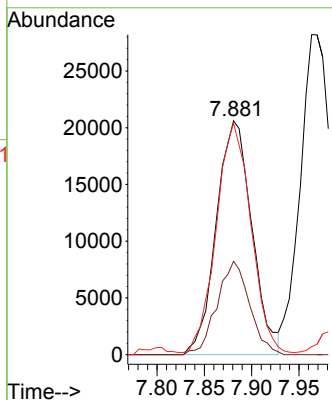


#31
Cyclohexane
Concen: 19.383 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

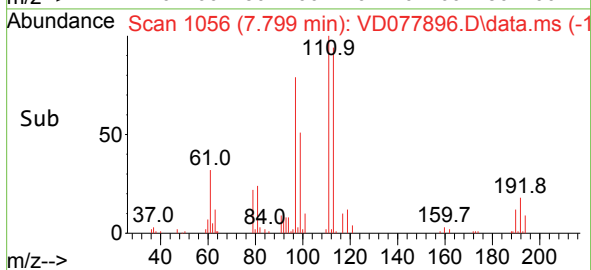
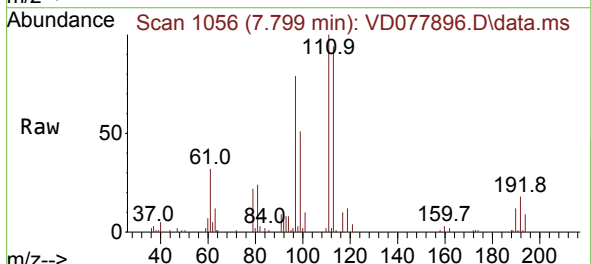
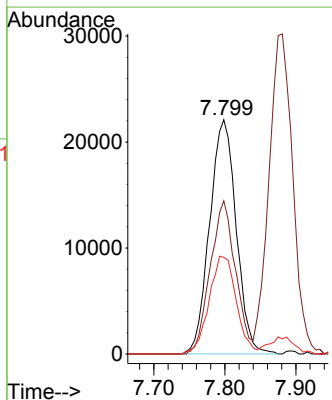


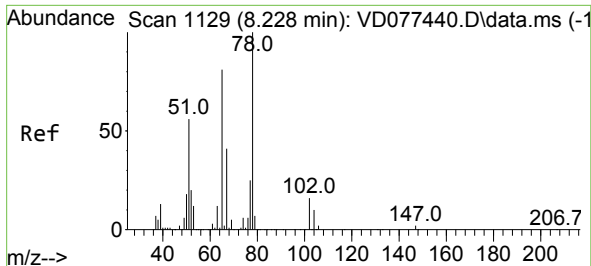
Tgt Ion: 56 Resp: 53960
Ion Ratio Lower Upper
56 100
69 39.9 28.6 43.0
84 98.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.927 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 97 Resp: 57376
Ion Ratio Lower Upper
97 100
99 62.3 52.0 78.0
61 42.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.501 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

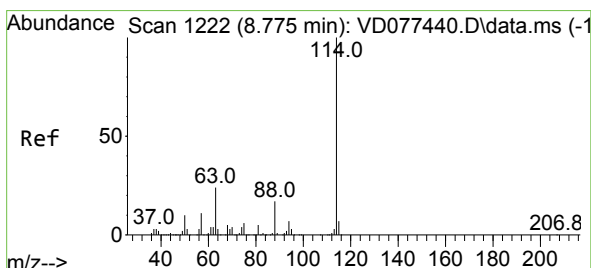
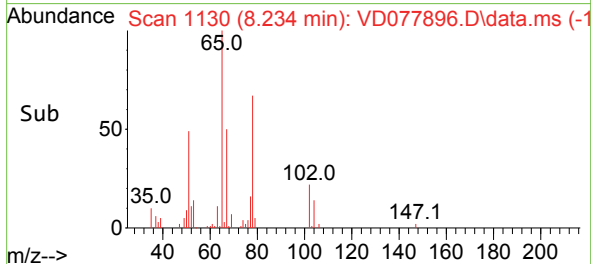
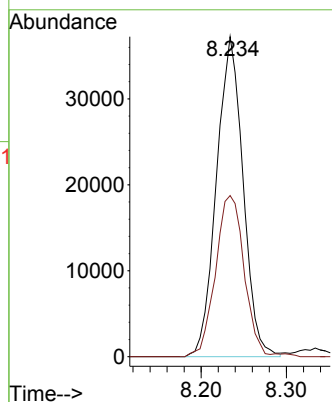
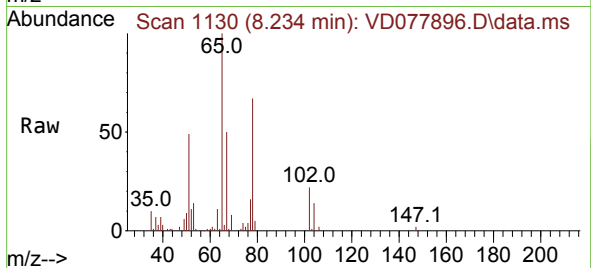
ClientSampleId :

Tgt Ion: 65 Resp: 80607

Ion Ratio Lower Upper

65 100

67 54.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

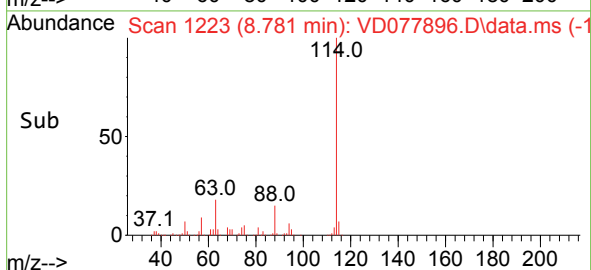
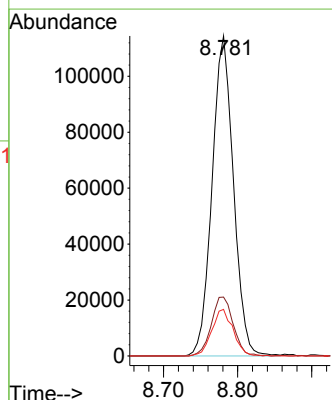
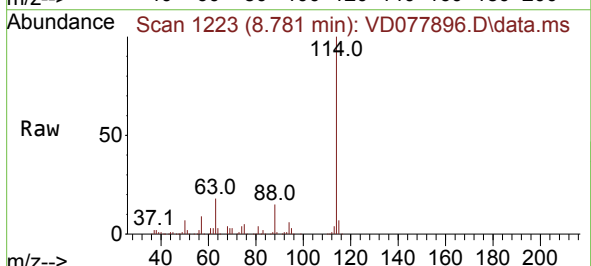
Tgt Ion: 114 Resp: 229273

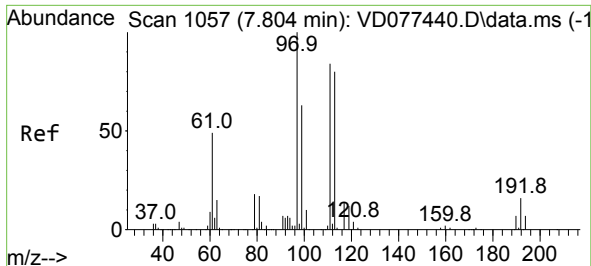
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.6 0.0 26.2

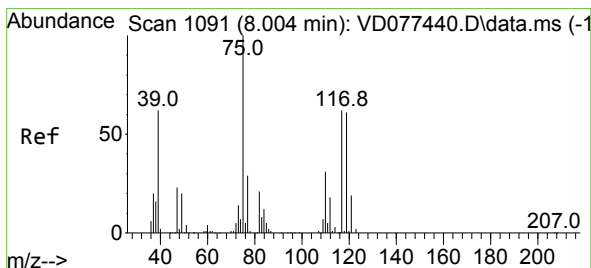
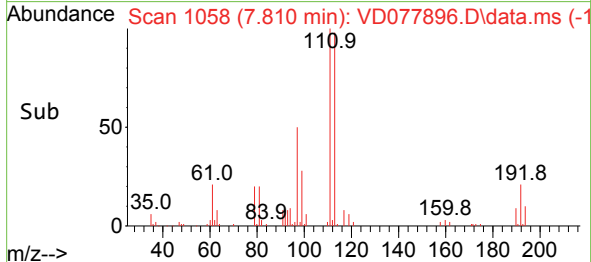
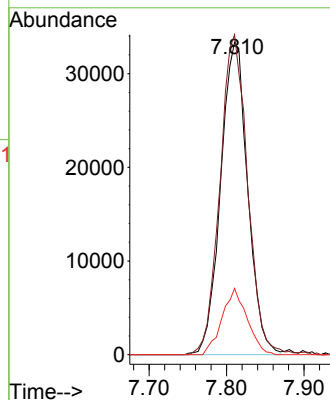
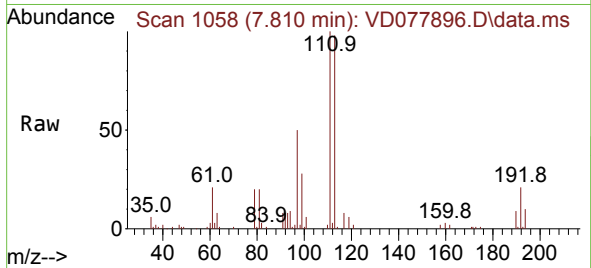




#35
Dibromofluoromethane
Concen: 50.409 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

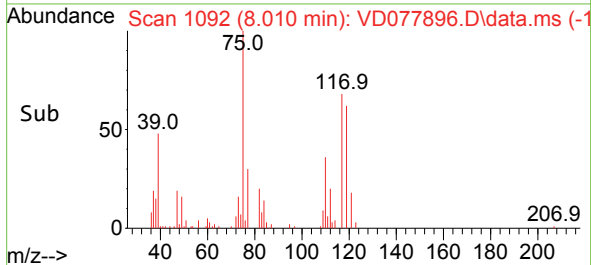
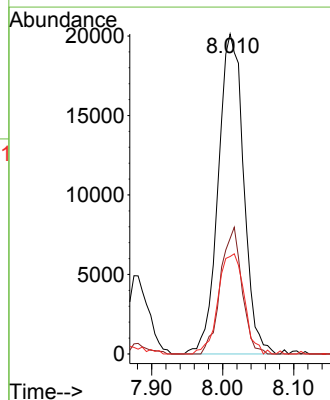
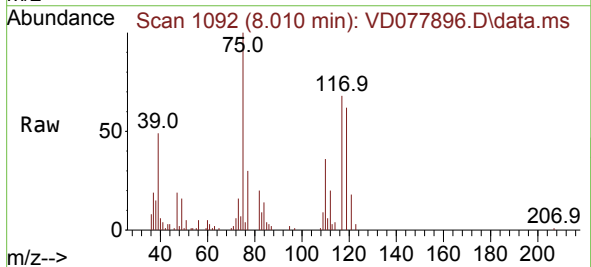
Instrument :
MSVOA_D
ClientSampleId :

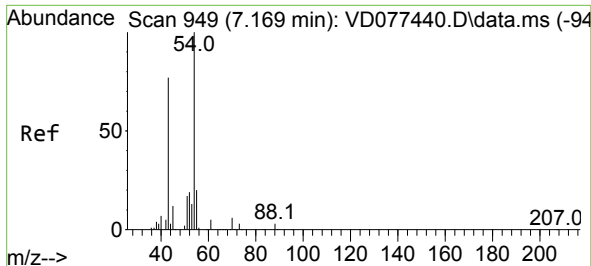
Tgt Ion:113 Resp: 80955
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 19.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.423 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

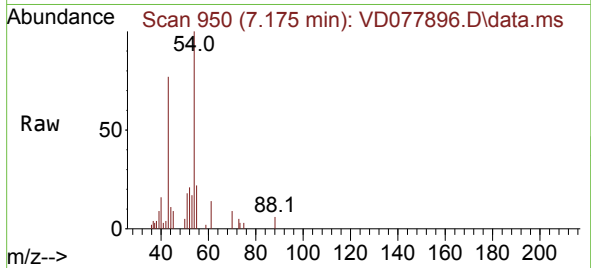
Tgt Ion: 75 Resp: 49894
Ion Ratio Lower Upper
75 100
110 33.4 19.9 59.6
77 32.1 24.7 37.1



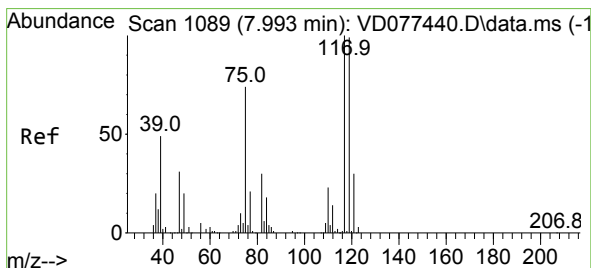
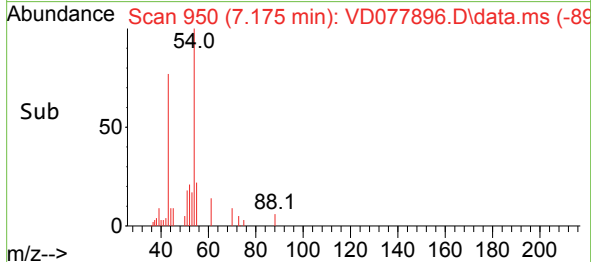
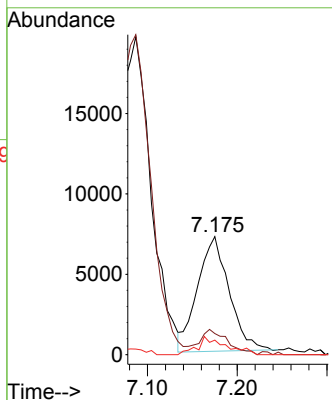


#37
Ethyl Acetate
Concen: 17.433 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

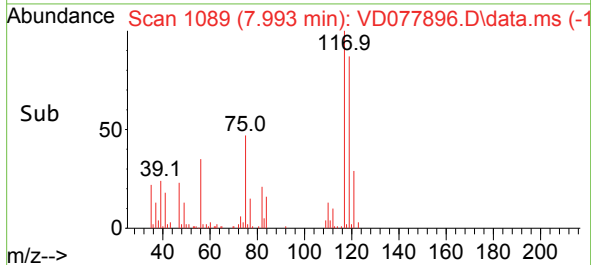
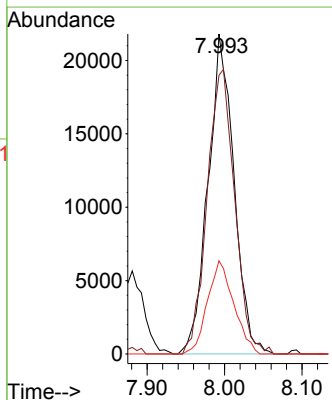
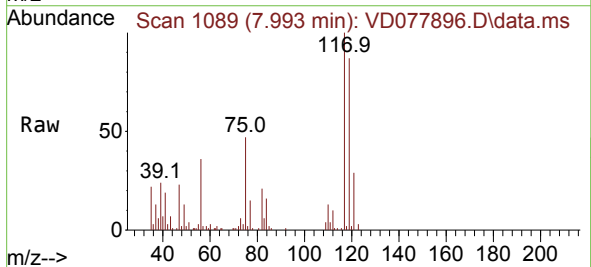


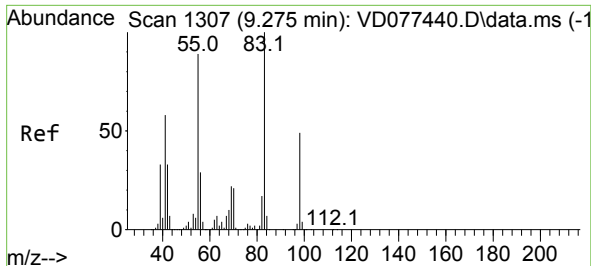
Tgt Ion: 43 Resp: 17462
Ion Ratio Lower Upper
43 100
61 19.2 14.9 22.3
70 14.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.758 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 117 Resp: 50601
Ion Ratio Lower Upper
117 100
119 87.1 78.0 117.0
121 29.1 24.2 36.2





#39

Methylcyclohexane

Concen: 19.647 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. -0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

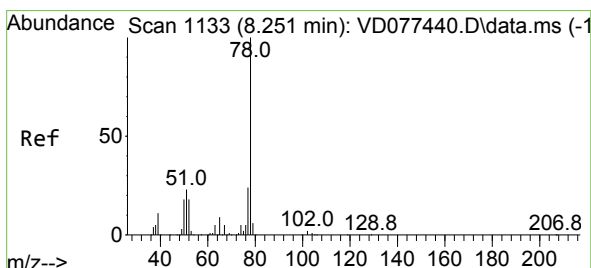
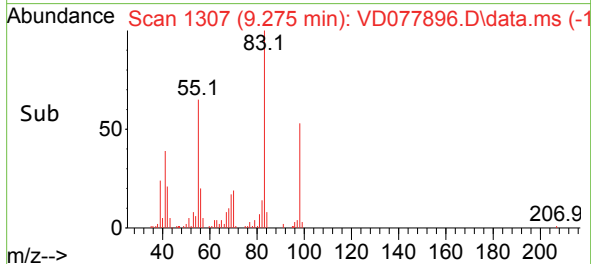
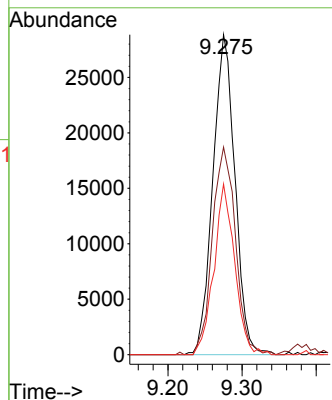
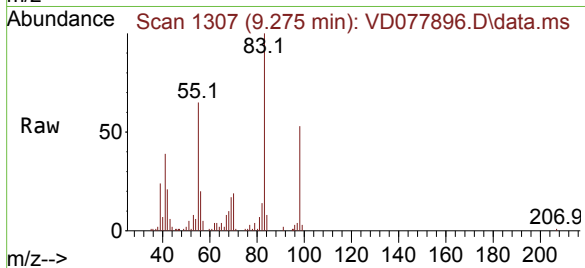
Tgt Ion: 83 Resp: 59833

Ion Ratio Lower Upper

83 100

55 64.3 49.4 74.0

98 53.3 38.4 57.6



#40

Benzene

Concen: 20.090 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077896.D

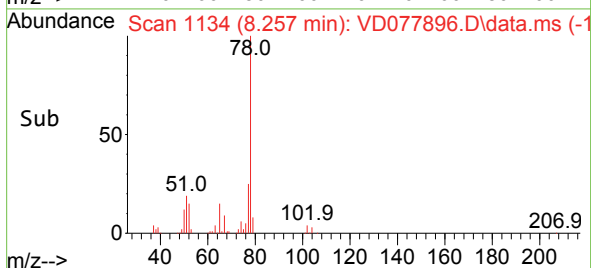
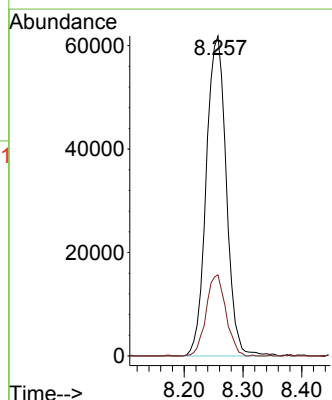
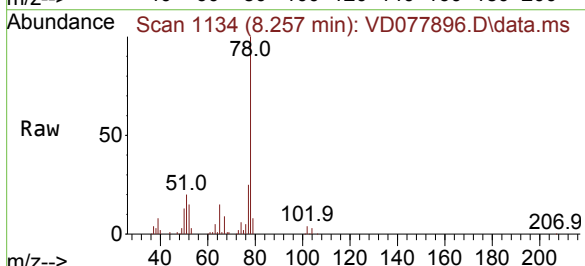
Acq: 15 Dec 2023 11:31

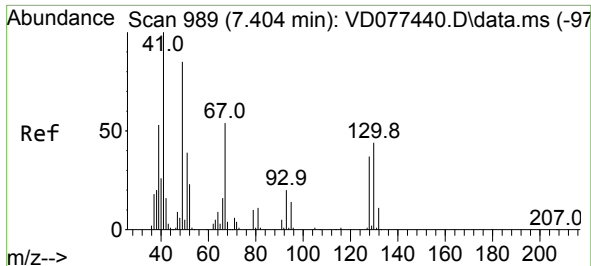
Tgt Ion: 78 Resp: 146477

Ion Ratio Lower Upper

78 100

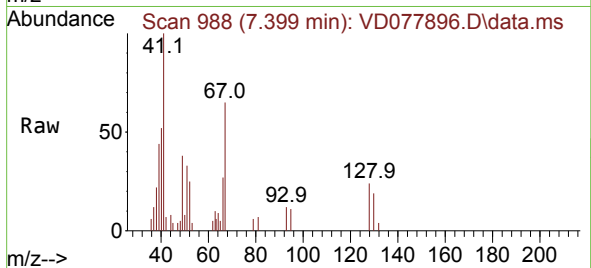
77 25.3 19.4 29.0



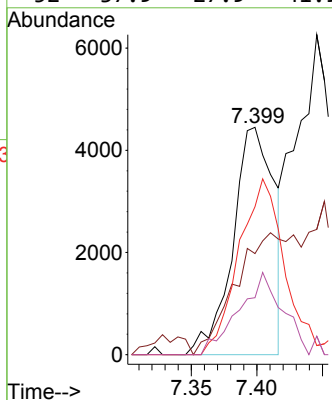
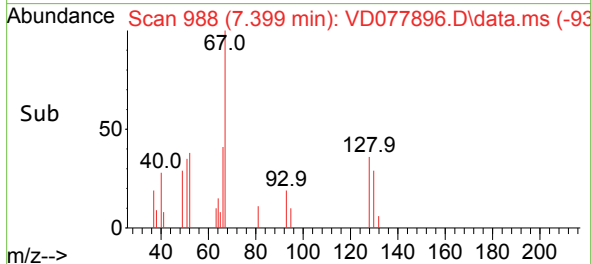


#41
Methacrylonitrile
Concen: 19.197 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

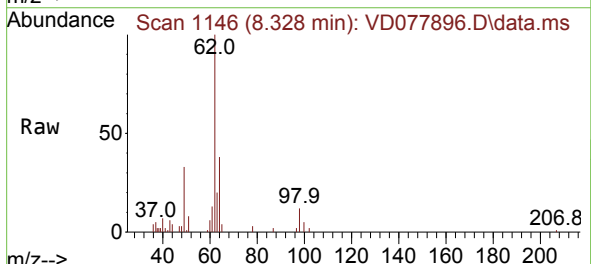
Instrument :
MSVOA_D
ClientSampleId :



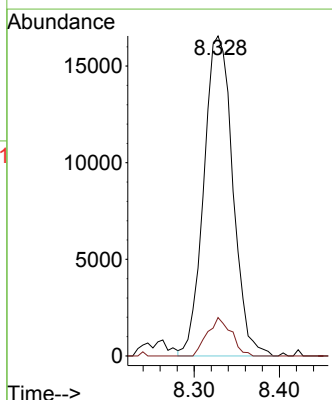
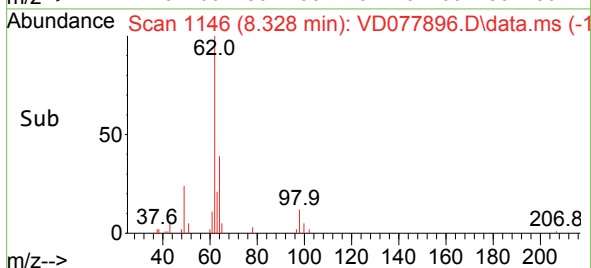
Tgt Ion: 41 Resp: 9773
Ion Ratio Lower Upper
41 100
39 65.0 34.0 51.0#
67 86.4 77.0 115.4
52 37.9 27.9 41.9

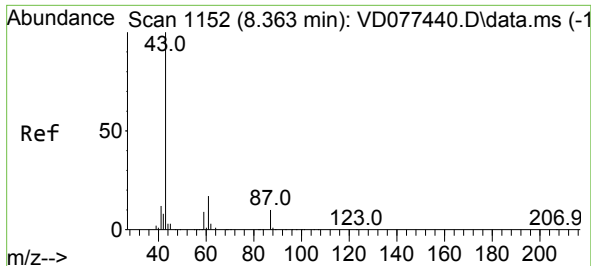


#42
1,2-Dichloroethane
Concen: 20.734 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31



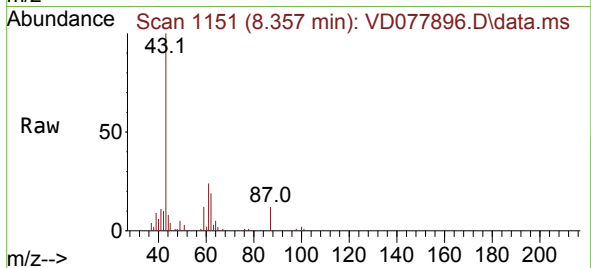
Tgt Ion: 62 Resp: 39185
Ion Ratio Lower Upper
62 100
98 9.9 0.0 25.4



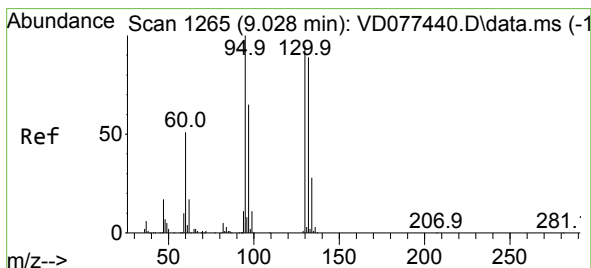
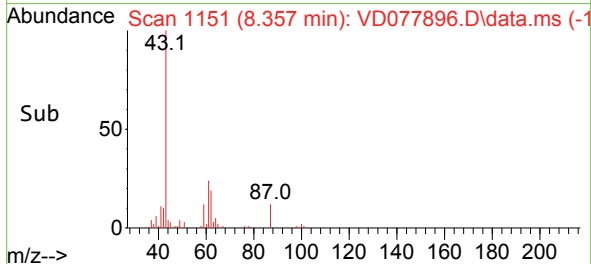
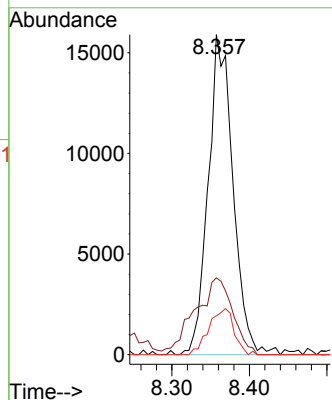


#43
Isopropyl Acetate
Concen: 19.891 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

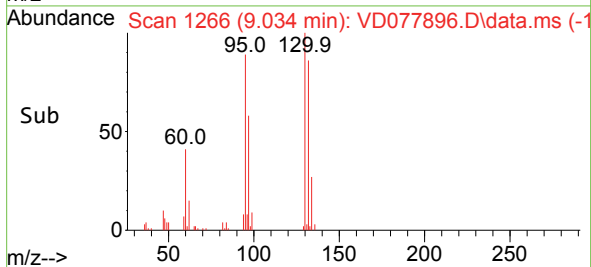
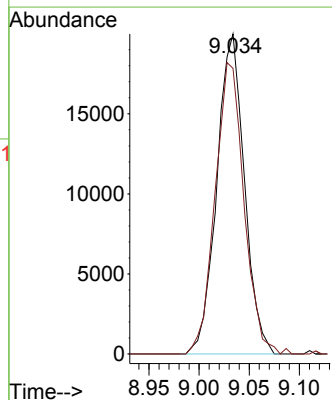
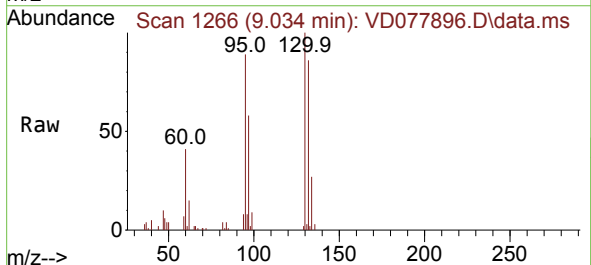


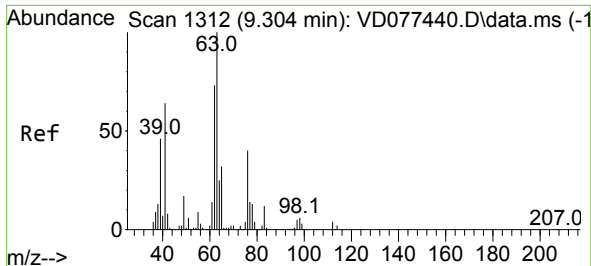
Tgt Ion: 43 Resp: 35417
Ion Ratio Lower Upper
43 100
61 36.3 31.4 47.0
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 20.144 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion:130 Resp: 38273
Ion Ratio Lower Upper
130 100
95 89.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.513 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

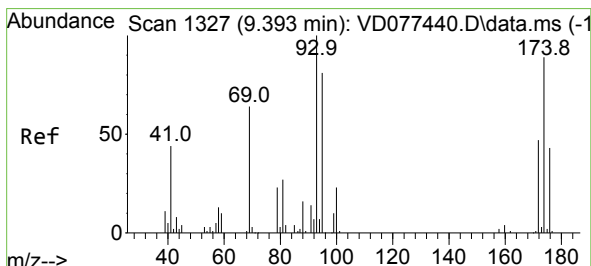
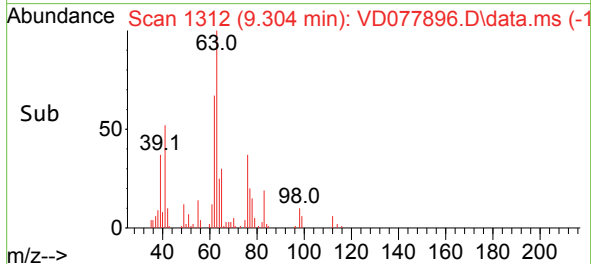
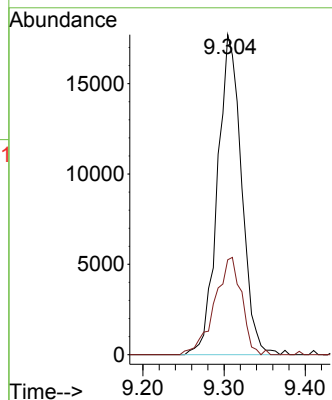
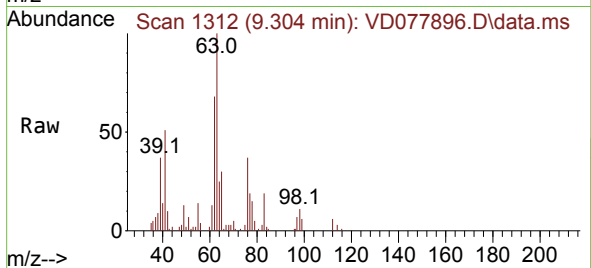
ClientSampleId :

Tgt Ion: 63 Resp: 36357

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7



#46

Dibromomethane

Concen: 20.200 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

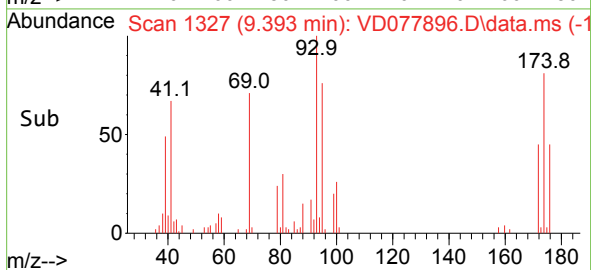
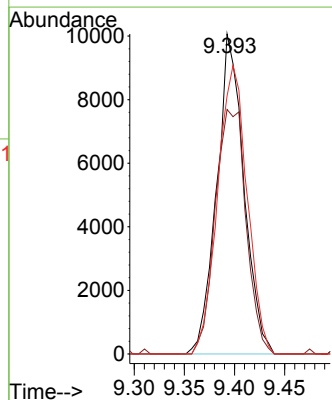
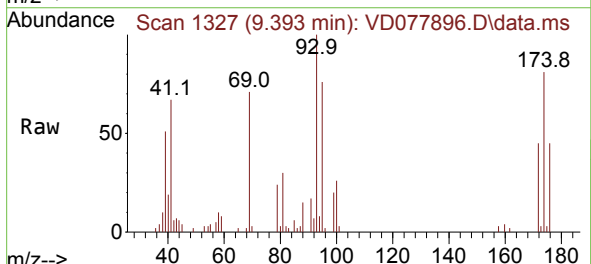
Tgt Ion: 93 Resp: 18944

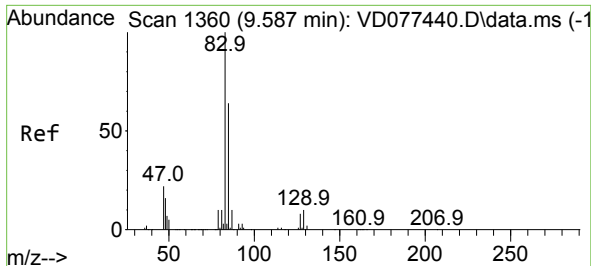
Ion Ratio Lower Upper

93 100

95 86.8 67.7 101.5

174 98.1 85.4 128.2

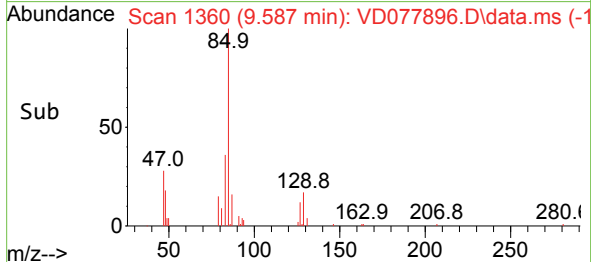
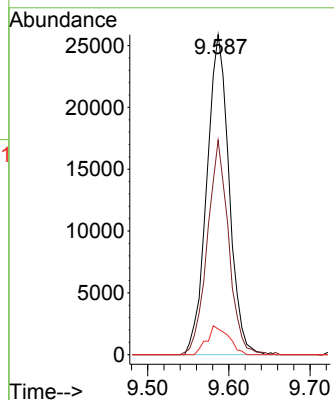
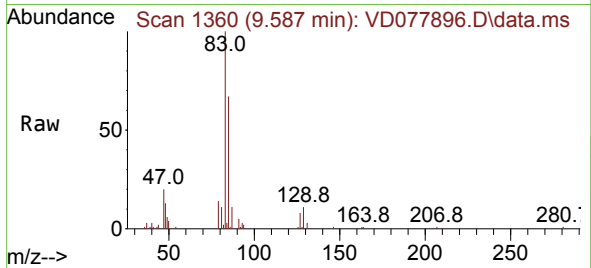




#47
Bromodichloromethane
Concen: 20.737 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

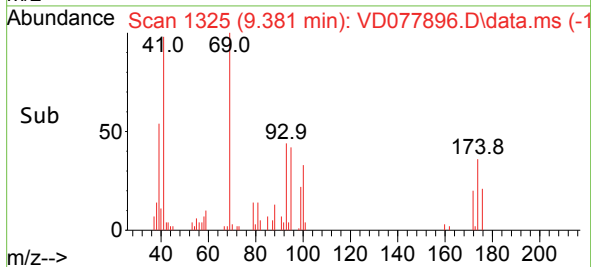
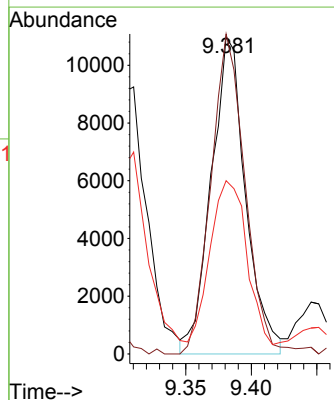
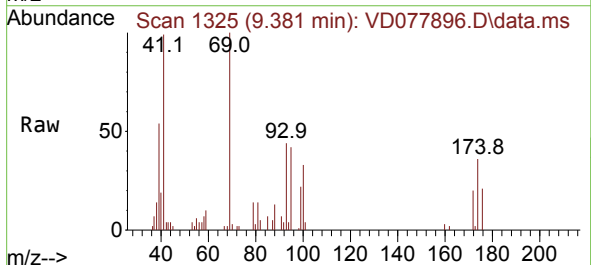
Instrument :
MSVOA_D
ClientSampleId :

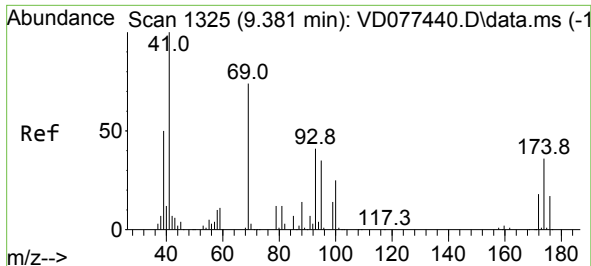
Tgt Ion: 83 Resp: 49291
Ion Ratio Lower Upper
83 100
85 67.0 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 19.771 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 41 Resp: 20011
Ion Ratio Lower Upper
41 100
69 101.0 102.2 153.2#
39 61.4 41.4 62.2





#49

1,4-Dioxane

Concen: 432.341 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

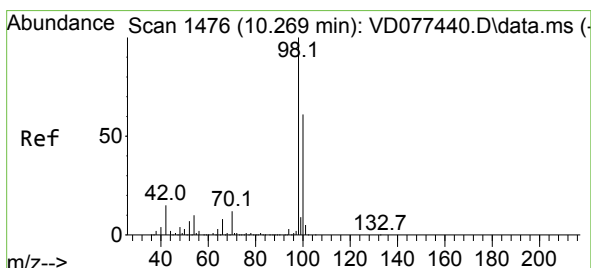
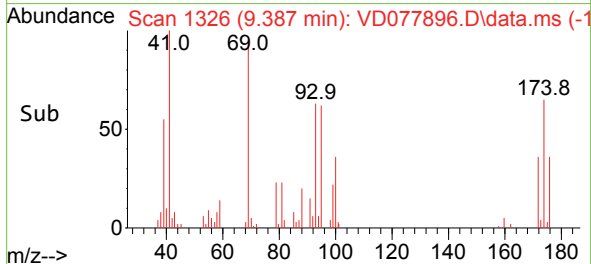
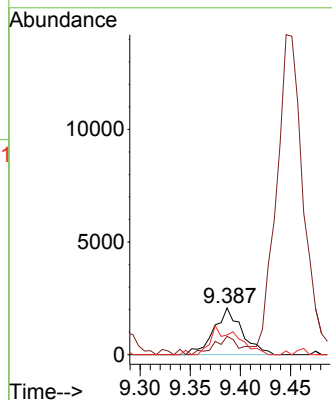
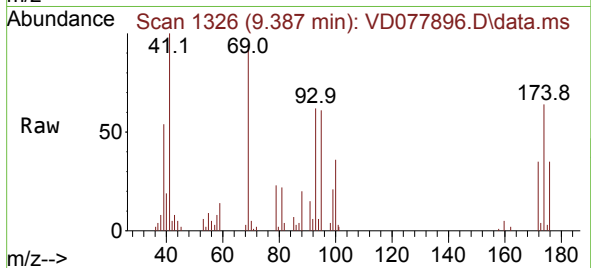
Tgt Ion: 88 Resp: 4026

Ion Ratio Lower Upper

88 100

43 35.7 19.0 28.6#

58 58.4 43.5 65.3



#50

Toluene-d8

Concen: 51.522 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077896.D

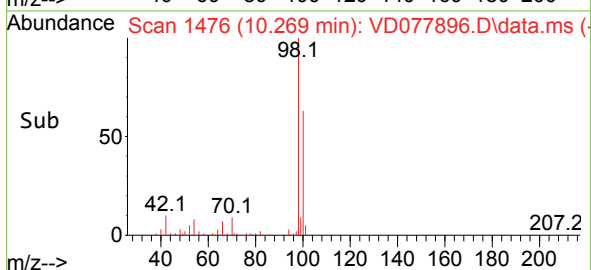
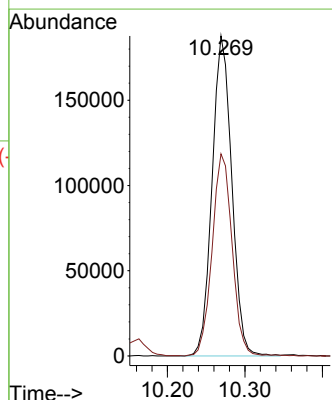
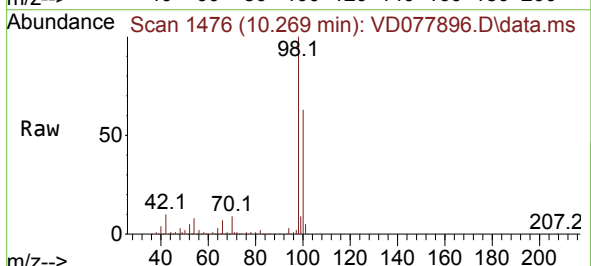
Acq: 15 Dec 2023 11:31

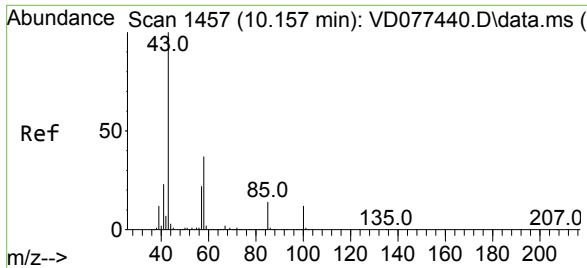
Tgt Ion: 98 Resp: 331399

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

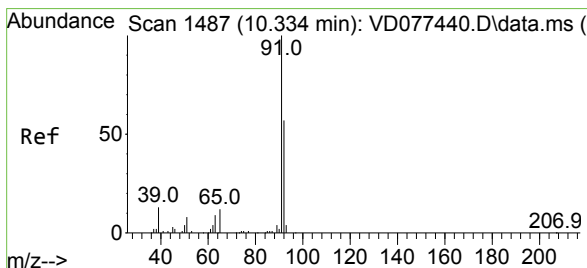
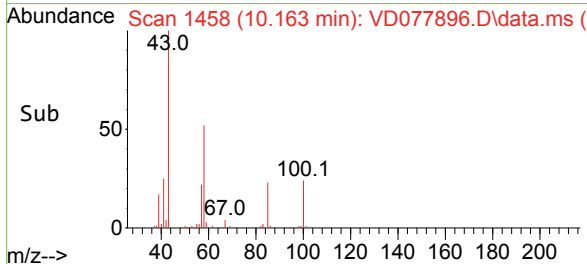
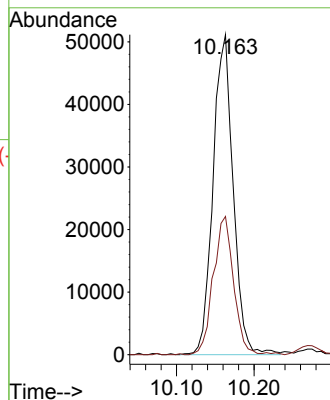
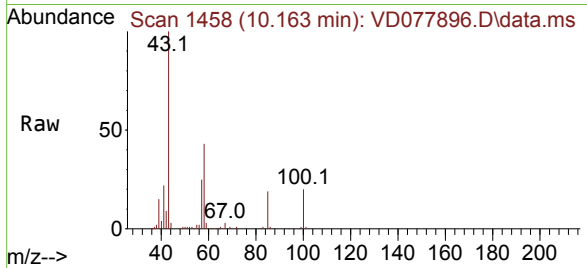




#51
4-Methyl-2-Pentanone
Concen: 101.557 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

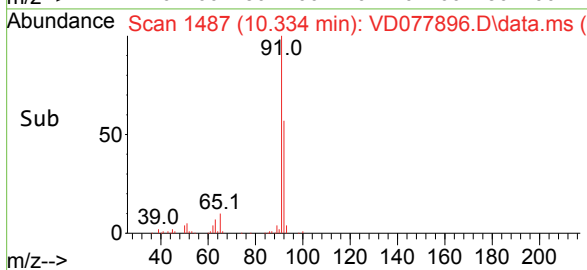
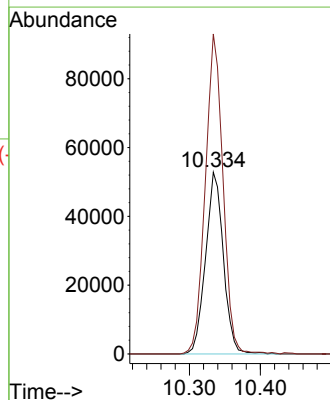
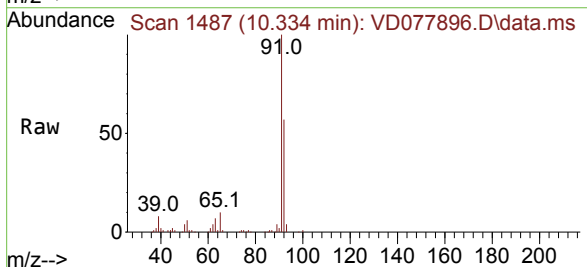
Instrument :
MSVOA_D
ClientSampleId :

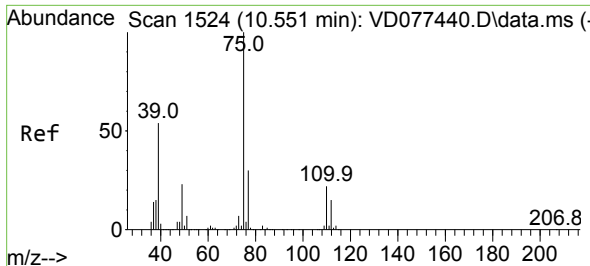
Tgt Ion: 43 Resp: 92288
Ion Ratio Lower Upper
43 100
58 43.4 38.9 58.3



#52
Toluene
Concen: 20.418 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 92 Resp: 92344
Ion Ratio Lower Upper
92 100
91 174.4 143.0 214.4

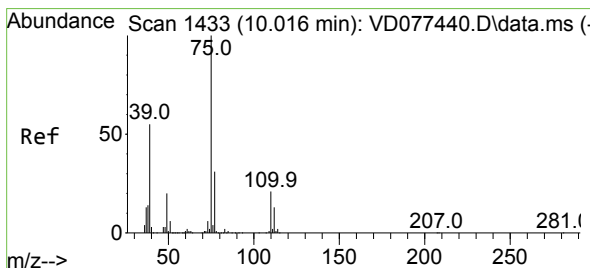
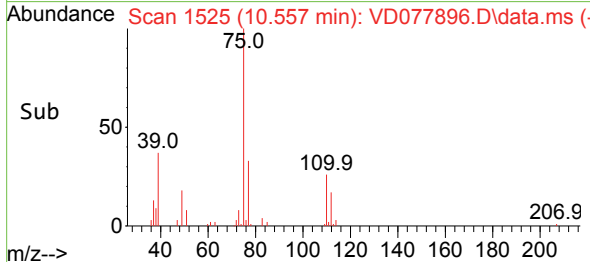
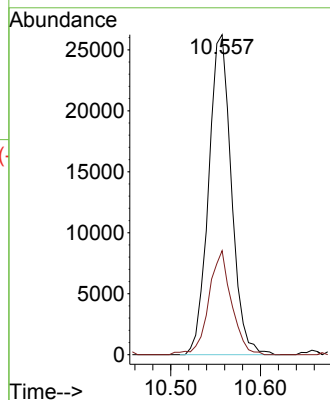
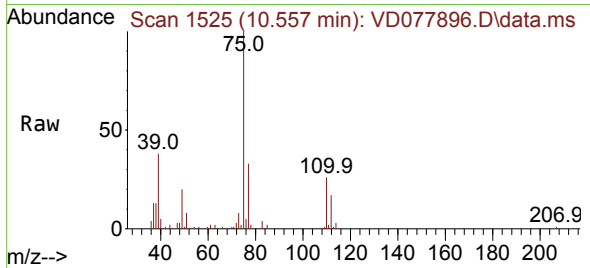




#53
t-1,3-Dichloropropene
Concen: 20.274 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

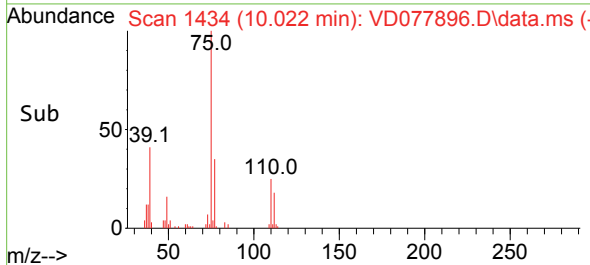
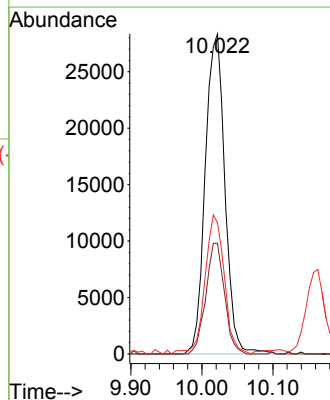
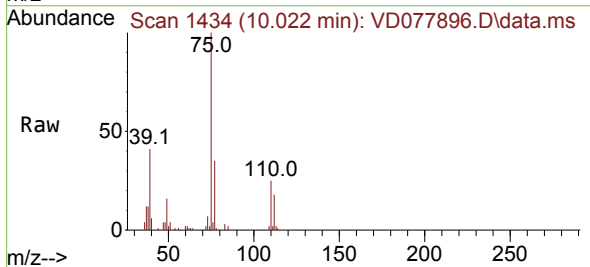
Instrument :
MSVOA_D
ClientSampleId :

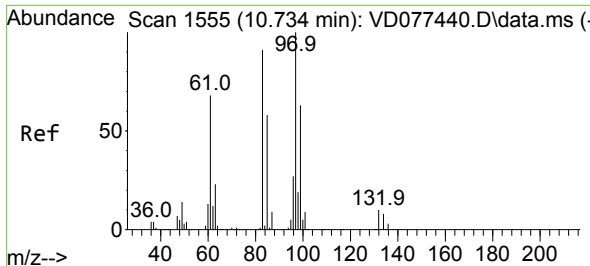
Tgt Ion: 75 Resp: 46279
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.771 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

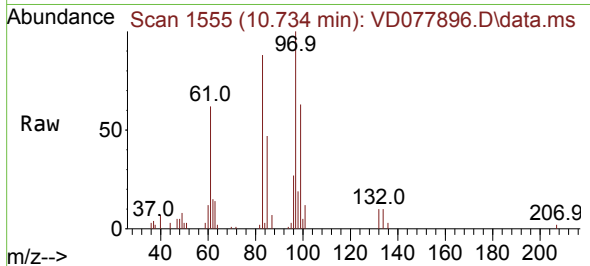
Tgt Ion: 75 Resp: 54563
Ion Ratio Lower Upper
75 100
77 34.6 25.5 38.3
39 40.0 22.1 33.1#



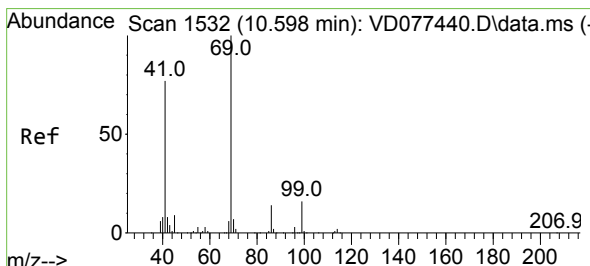
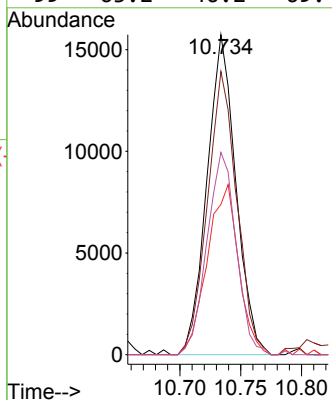
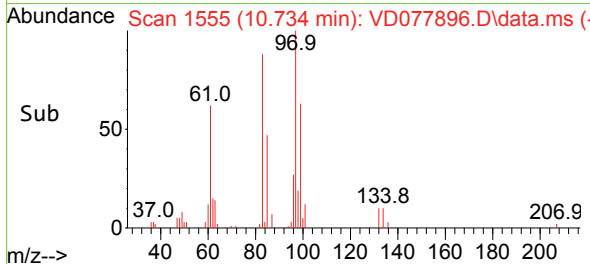


#55
1,1,2-Trichloroethane
Concen: 20.231 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

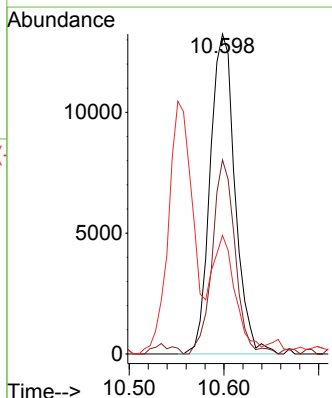
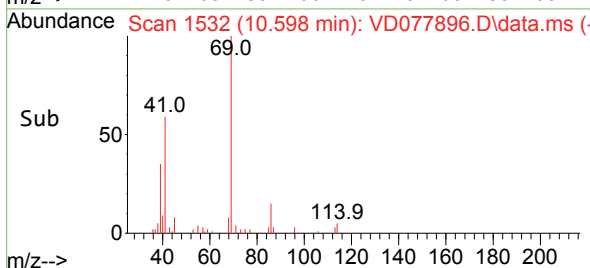
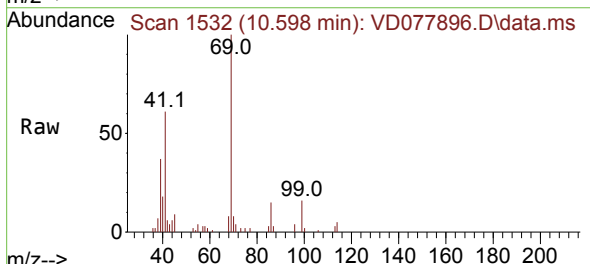


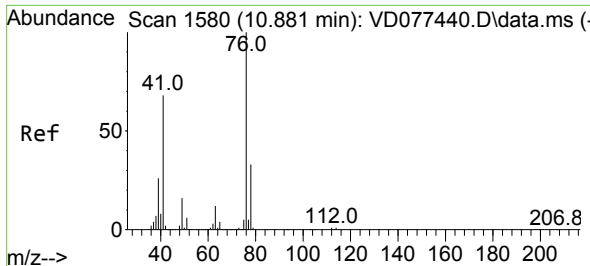
Tgt Ion: 97	Resp: 25952
Ion Ratio	Lower Upper
97 100	
83 88.5	65.8 98.6
85 46.9	45.7 68.5
99 63.2	46.2 69.4



#56
Ethyl methacrylate
Concen: 21.353 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 69	Resp: 24146
Ion Ratio	Lower Upper
69 100	
41 55.7	39.1 58.7
39 33.1	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.236 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

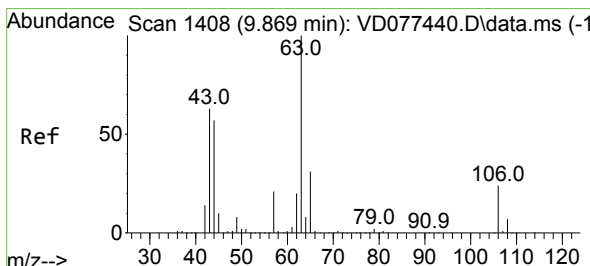
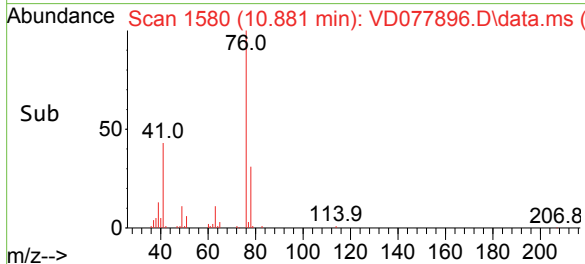
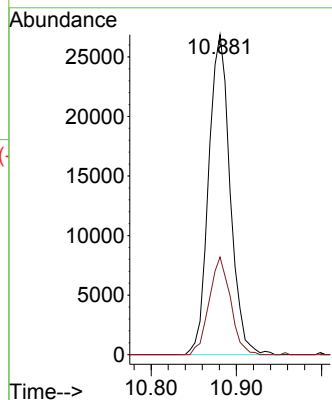
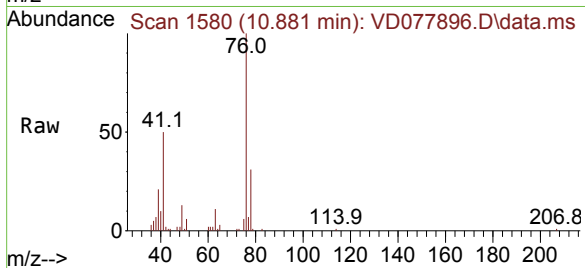
ClientSampleId :

Tgt Ion: 76 Resp: 46955

Ion Ratio Lower Upper

76 100

78 30.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.043 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077896.D

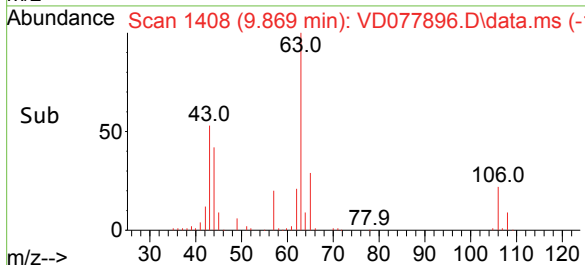
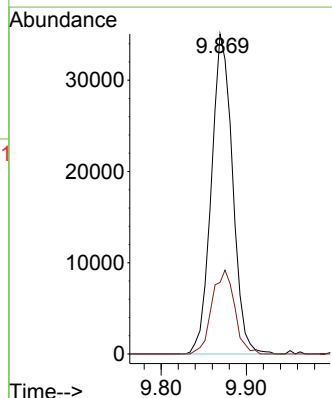
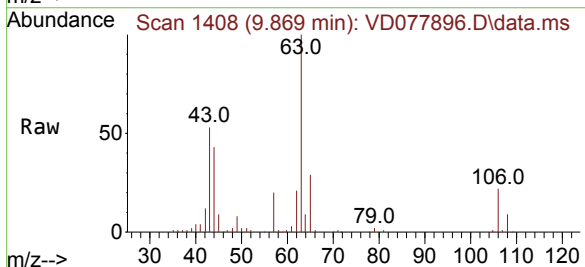
Acq: 15 Dec 2023 11:31

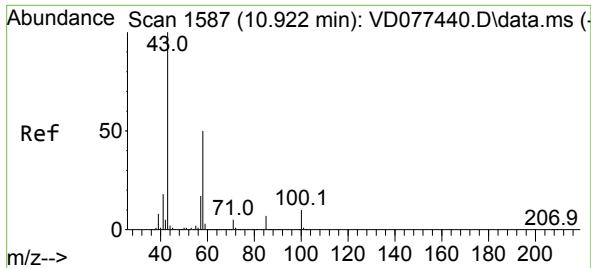
Tgt Ion: 63 Resp: 60645

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9

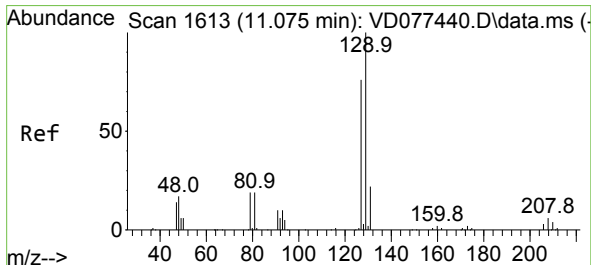
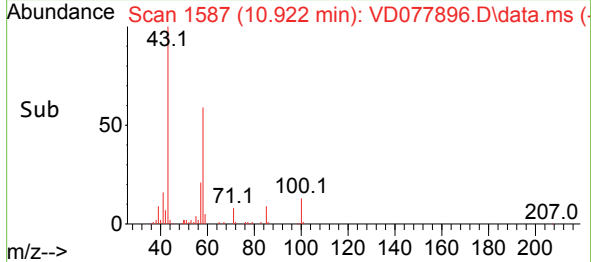
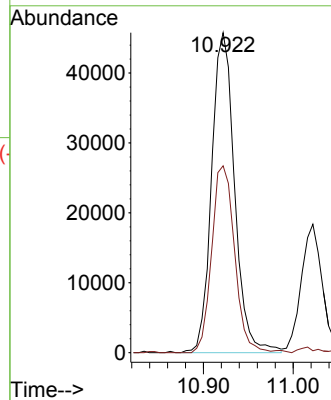
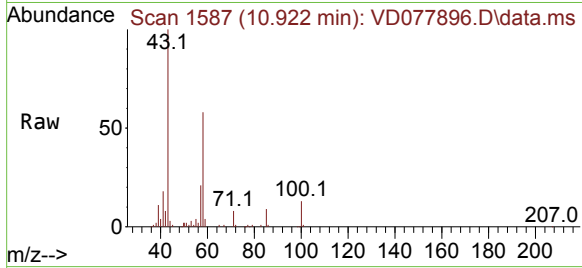




#59
2-Hexanone
Concen: 107.893 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

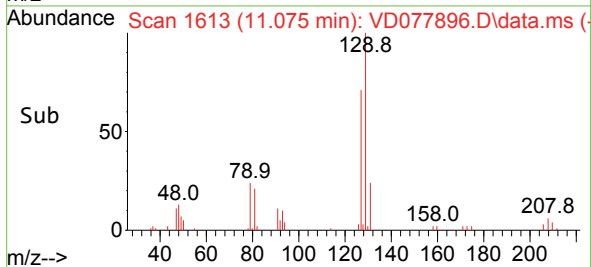
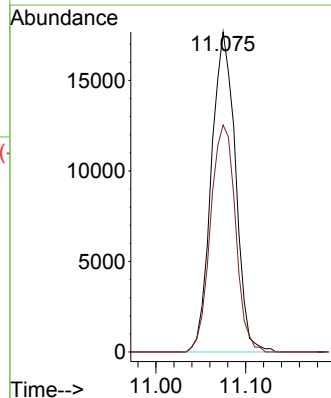
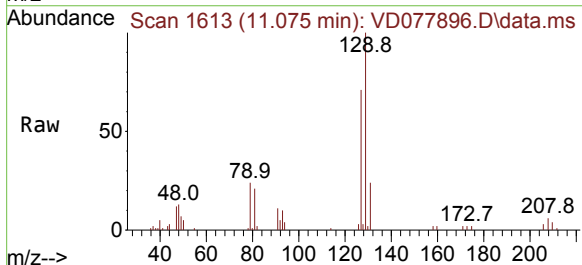
Instrument :
MSVOA_D
ClientSampleId :

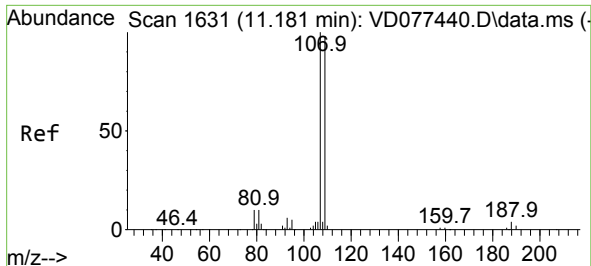
Tgt Ion: 43 Resp: 81343
Ion Ratio Lower Upper
43 100
58 58.4 34.1 102.2



#60
Dibromochloromethane
Concen: 21.247 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 129 Resp: 32815
Ion Ratio Lower Upper
129 100
127 73.7 37.1 111.5

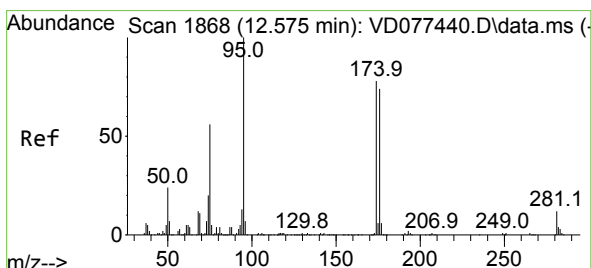
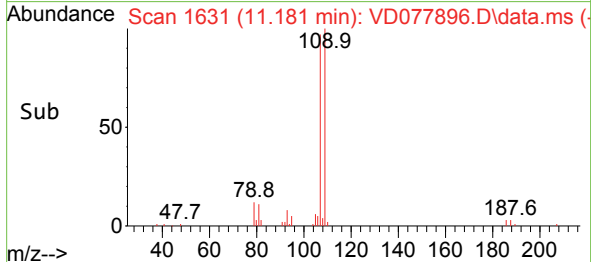
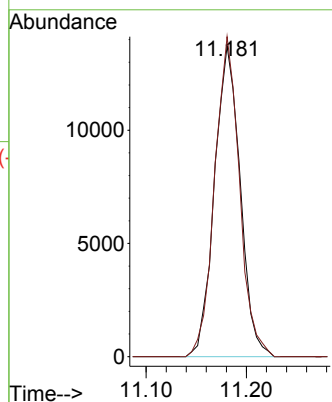
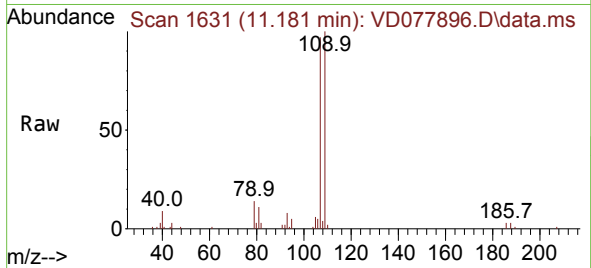




#61
1,2-Dibromoethane
Concen: 20.194 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

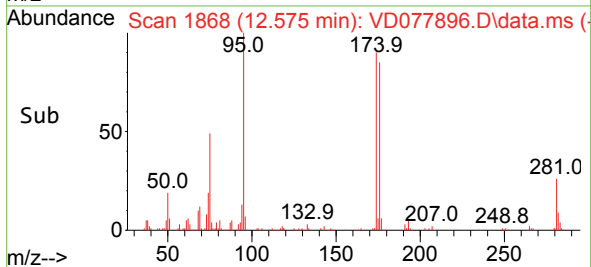
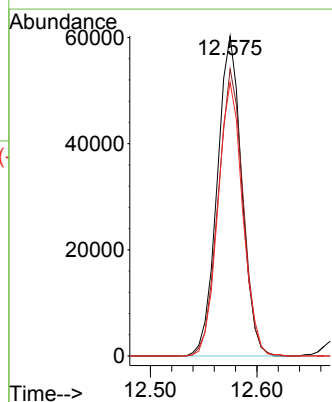
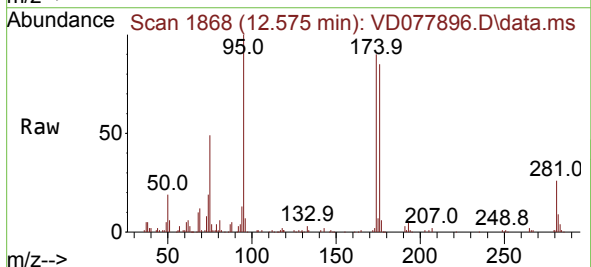
Instrument :
MSVOA_D
ClientSampleId :

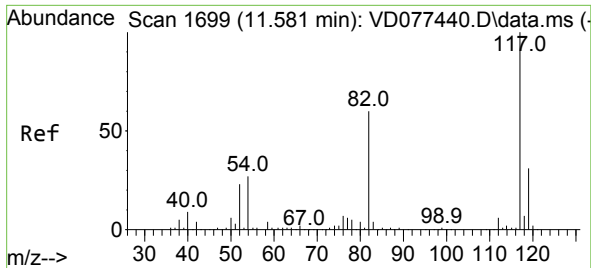
Tgt Ion:107 Resp: 24385
Ion Ratio Lower Upper
107 100
109 99.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.092 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 95 Resp: 96329
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 86.3 0.0 191.8

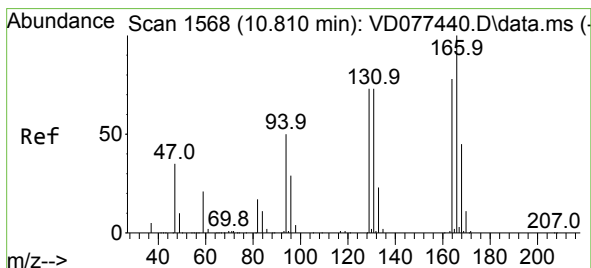
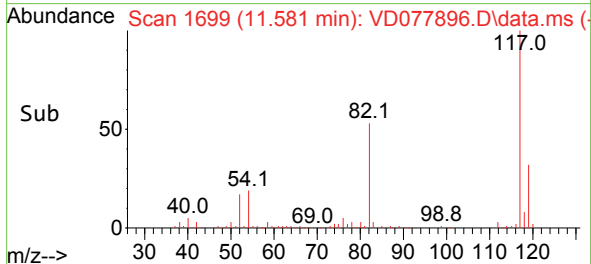
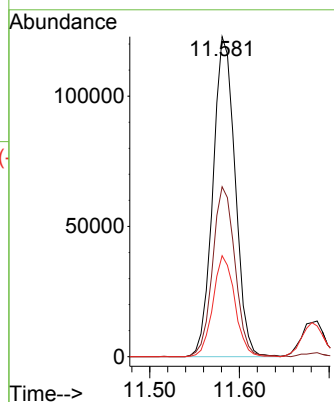
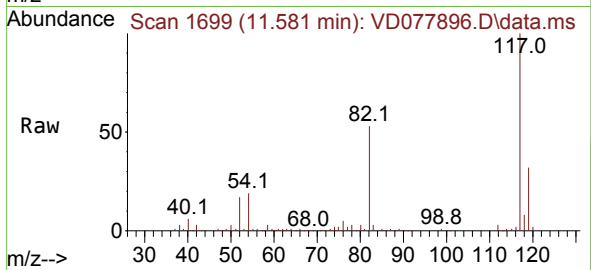




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

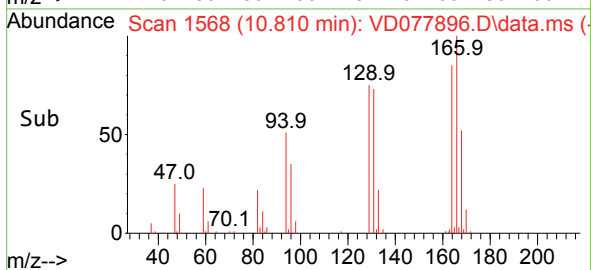
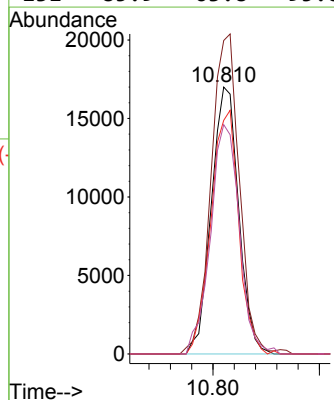
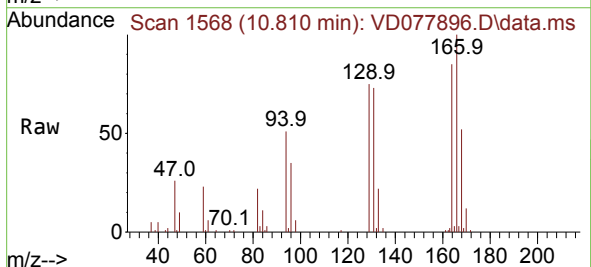
Instrument :
MSVOA_D
ClientSampleId :

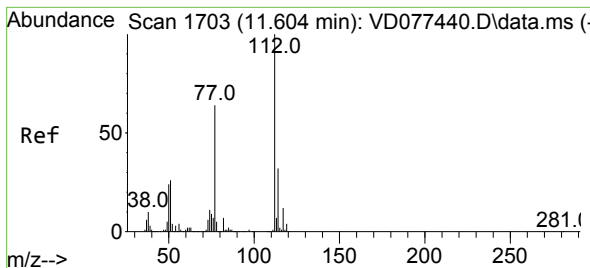
Tgt Ion:117 Resp: 210906
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 19.509 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion:164 Resp: 30241
Ion Ratio Lower Upper
164 100
166 117.5 99.2 148.8
129 87.5 68.4 102.6
131 85.9 63.8 95.8





#65

Chlorobenzene

Concen: 18.420 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

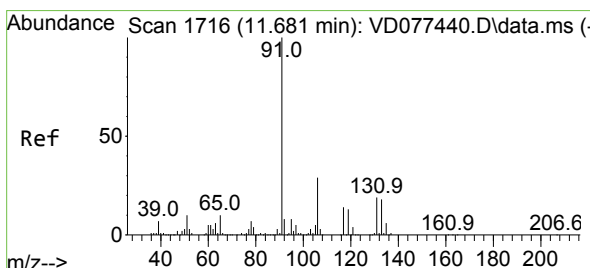
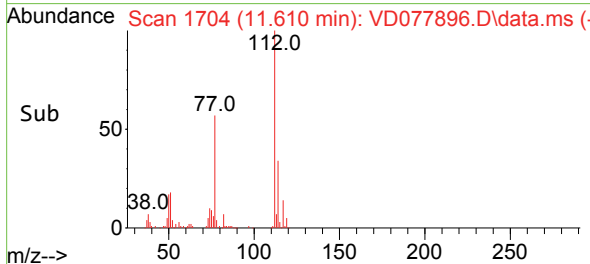
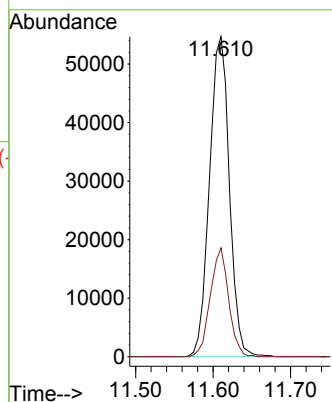
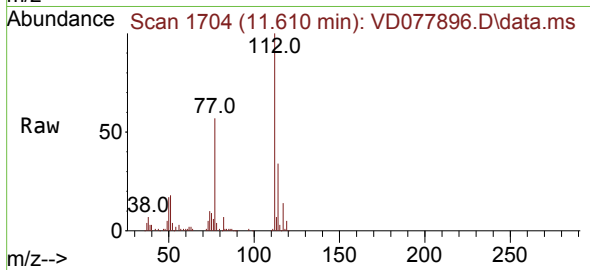
ClientSampleId :

Tgt Ion:112 Resp: 97411

Ion Ratio Lower Upper

112 100

114 34.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.978 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

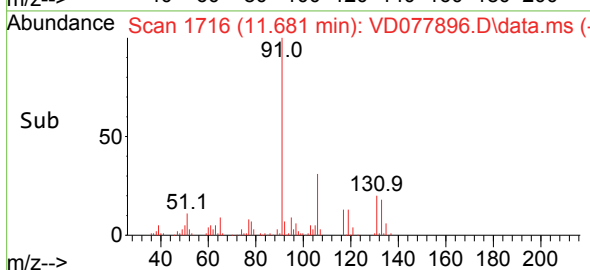
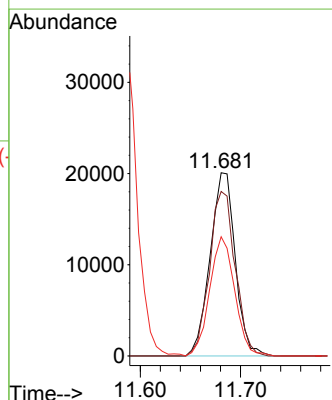
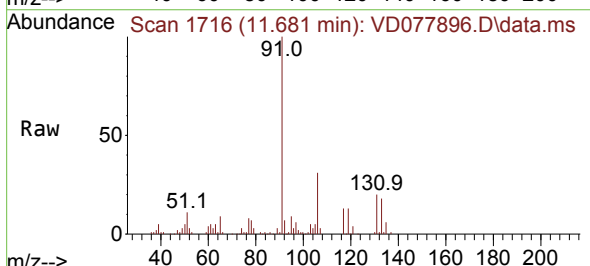
Tgt Ion:131 Resp: 35038

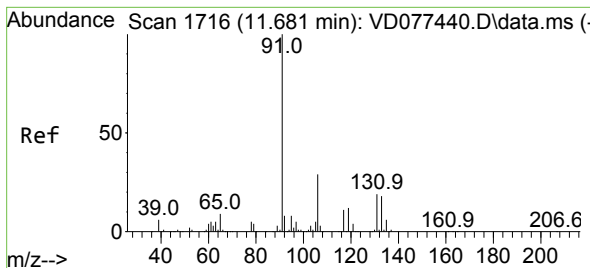
Ion Ratio Lower Upper

131 100

133 91.8 48.5 145.5

119 64.7 35.6 106.9





#67

Ethyl Benzene

Concen: 19.474 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

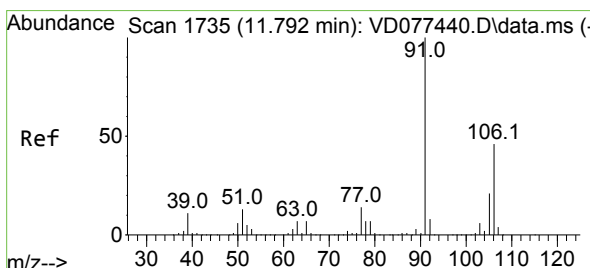
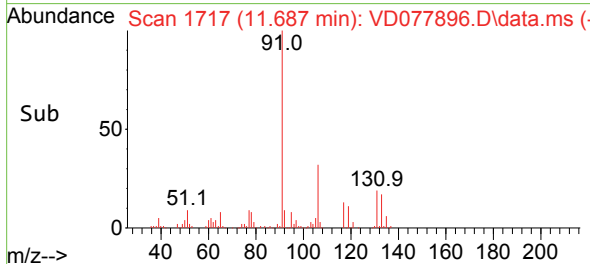
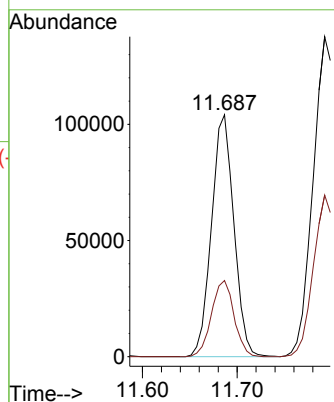
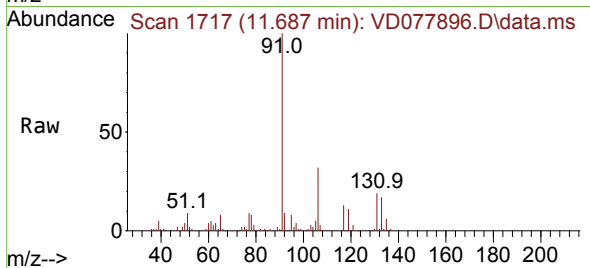
ClientSampleId :

Tgt Ion: 91 Resp: 170997

Ion Ratio Lower Upper

91 100

106 31.5 26.5 39.7



#68

m/p-Xylenes

Concen: 38.354 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077896.D

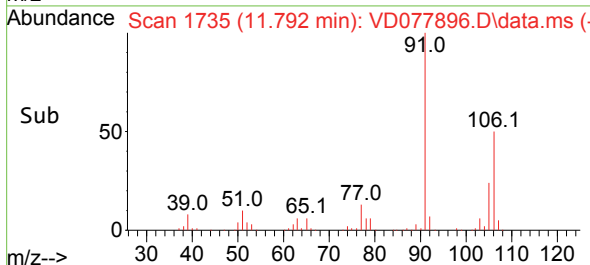
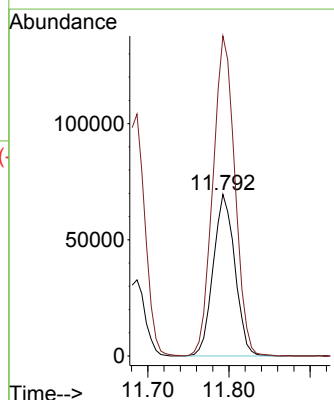
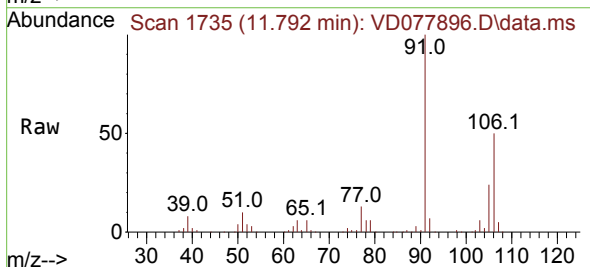
Acq: 15 Dec 2023 11:31

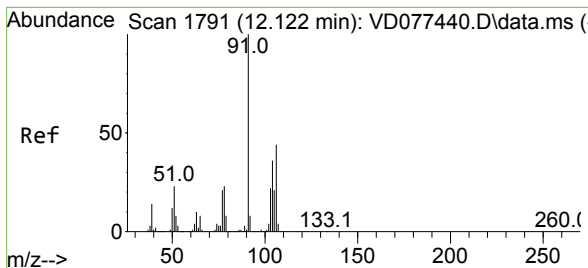
Tgt Ion:106 Resp: 128818

Ion Ratio Lower Upper

106 100

91 201.4 147.0 220.6

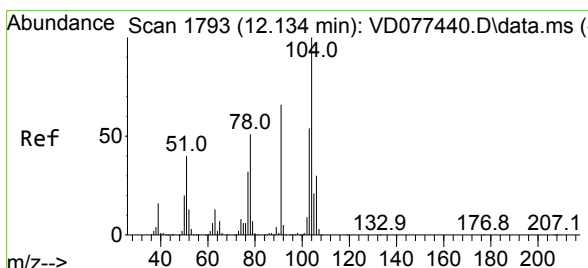
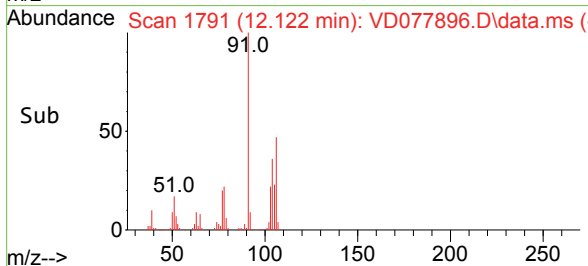
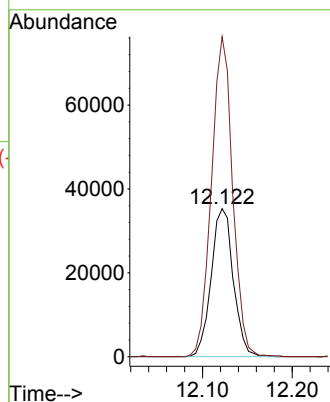
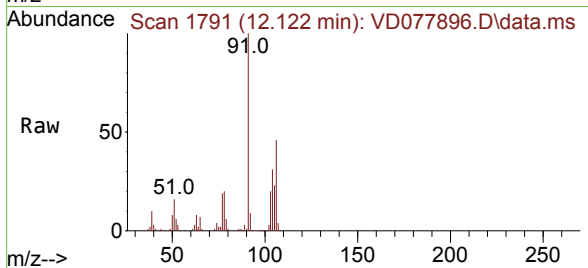




#69
o-Xylene
Concen: 19.534 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

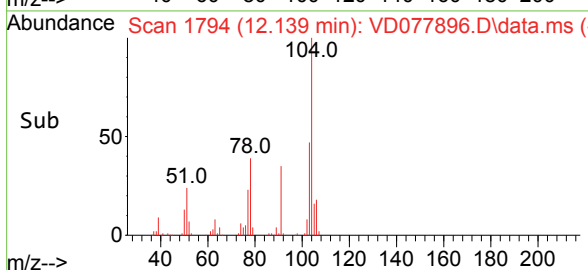
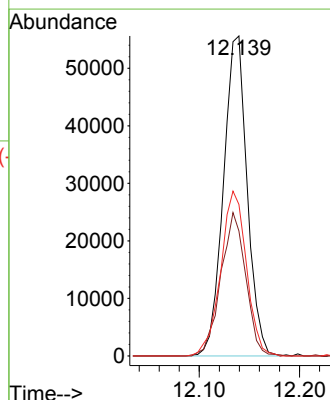
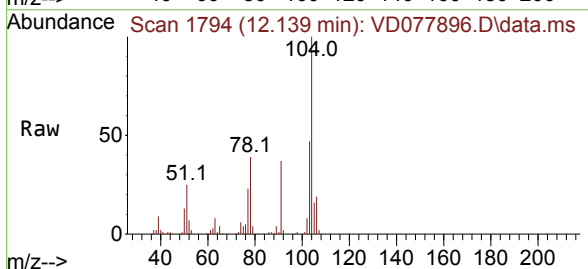
Instrument :
MSVOA_D
ClientSampleId :

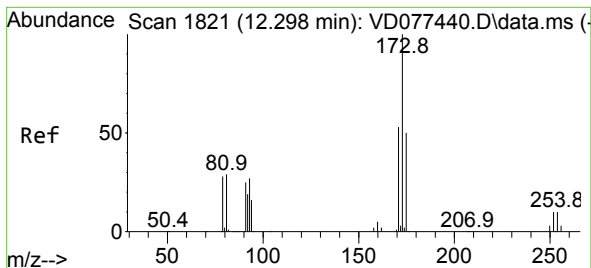
Tgt Ion:106 Resp: 60466
Ion Ratio Lower Upper
106 100
91 207.1 97.9 293.6



#70
Styrene
Concen: 19.869 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion:104 Resp: 91449
Ion Ratio Lower Upper
104 100
78 47.0 33.2 49.8
103 55.8 43.6 65.4





#71

Bromoform

Concen: 20.847 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

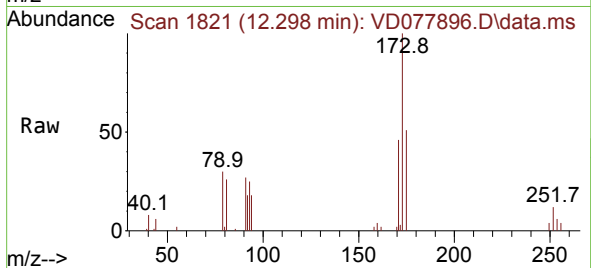
Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

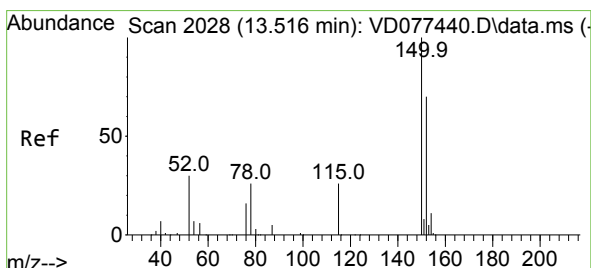
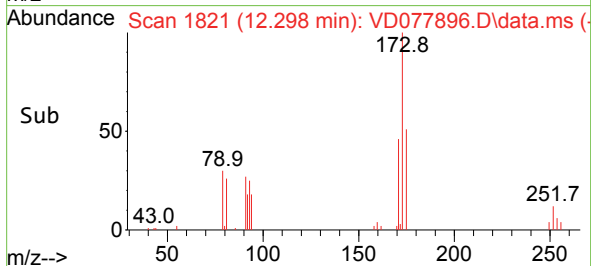
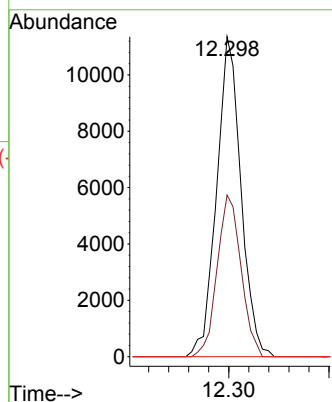
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	173	Resp:	19104
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

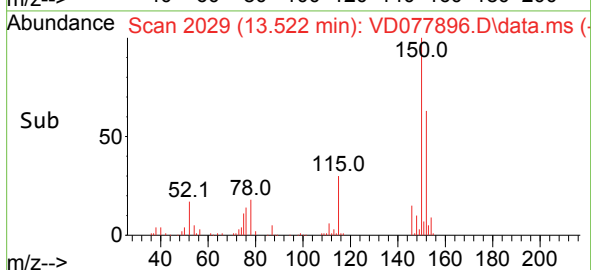
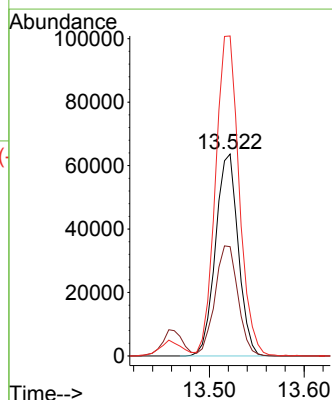
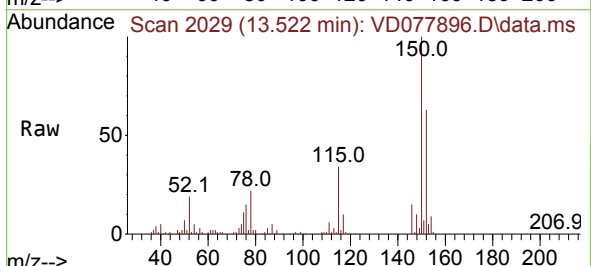
RT: 13.522 min Scan# 2029

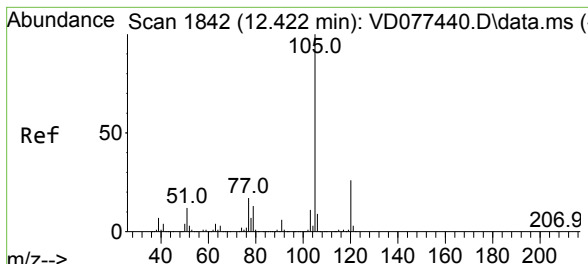
Delta R.T. 0.006 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

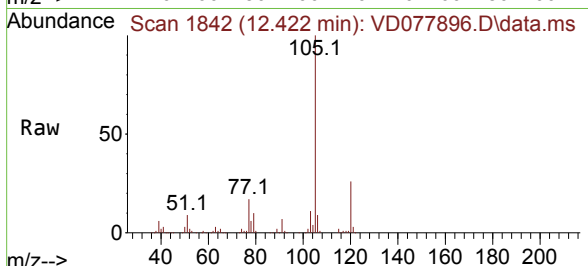
Tgt Ion:	152	Resp:	106074
Ion Ratio	Lower	Upper	
152	100		
115	55.4	27.1	81.3
150	165.2	0.0	353.6



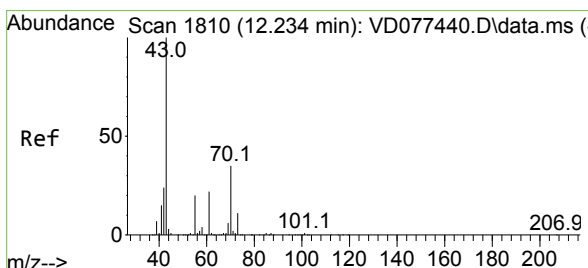
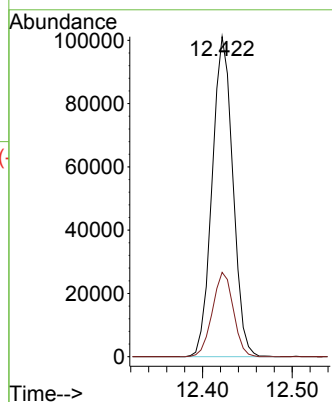
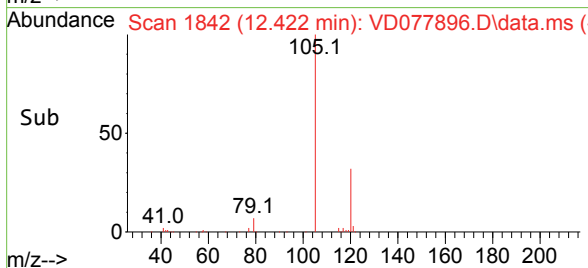


#73
Isopropylbenzene
Concen: 20.165 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

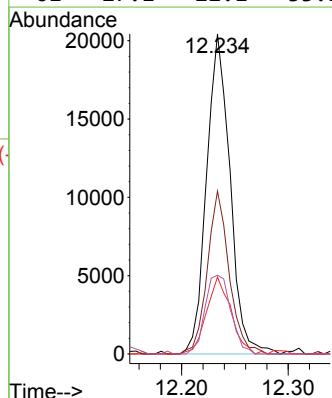
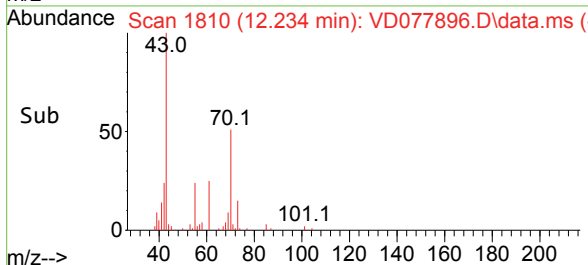
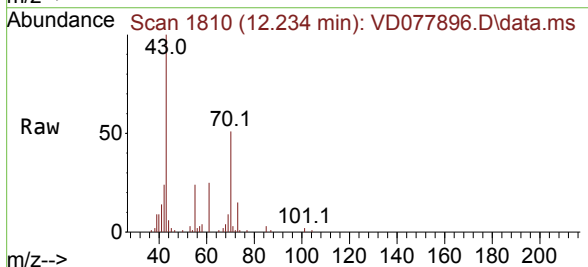


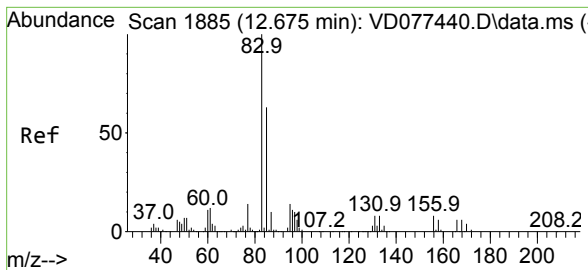
Tgt Ion:105 Resp: 162119
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 19.792 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 43 Resp: 31278
Ion Ratio Lower Upper
43 100
70 47.4 45.0 67.4
55 25.0 23.8 35.6
61 27.1 22.1 33.1

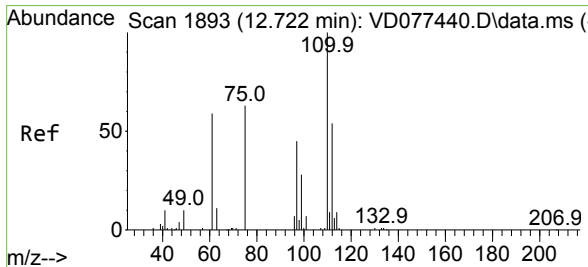
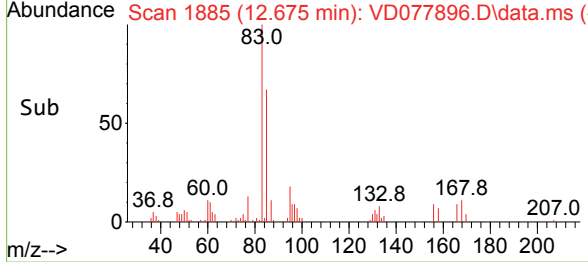
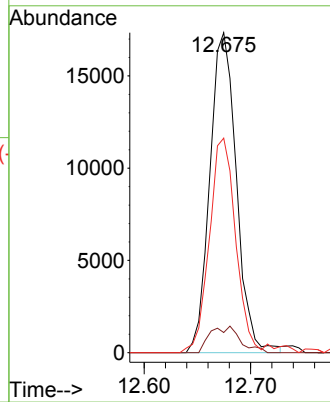
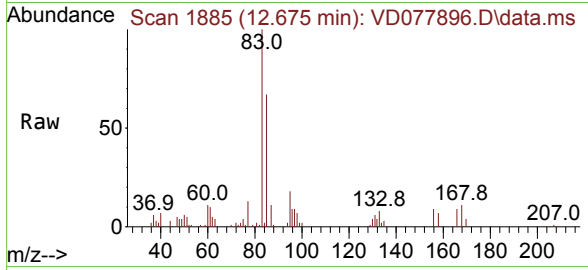




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.470 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

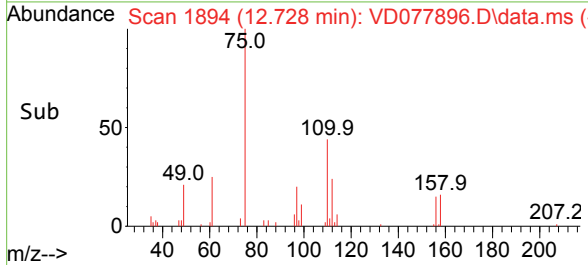
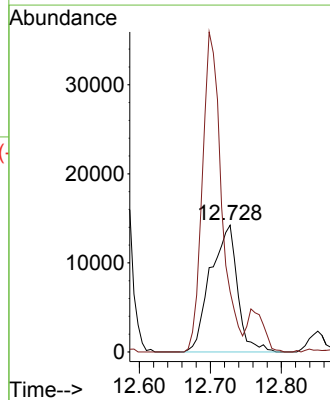
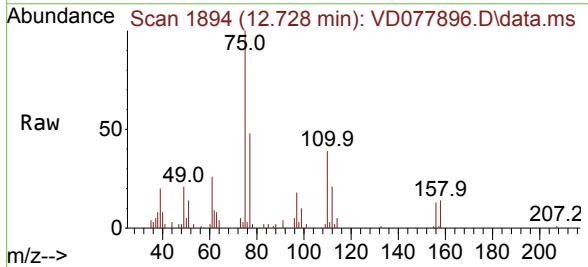
Instrument :
 MSVOA_D
 ClientSampleId :

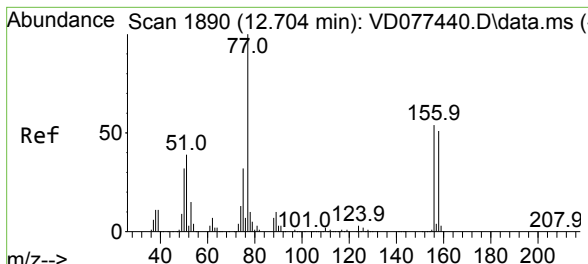
Tgt Ion: 83 Resp: 30096
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 66.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 40.738 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

Tgt Ion: 75 Resp: 37530
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

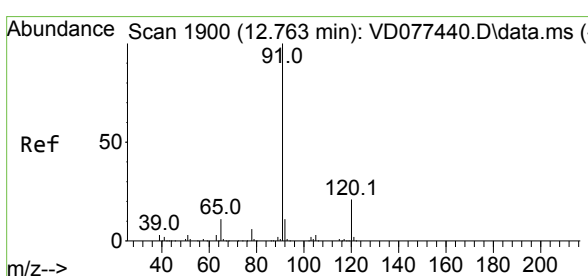
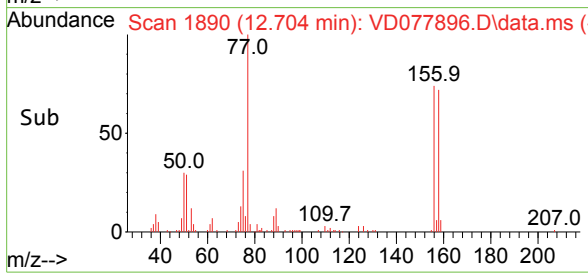
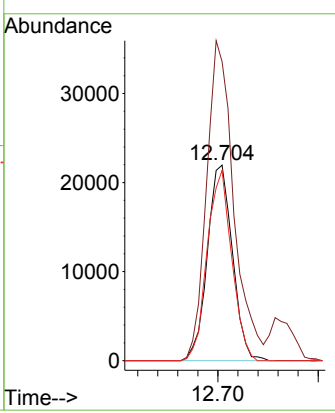
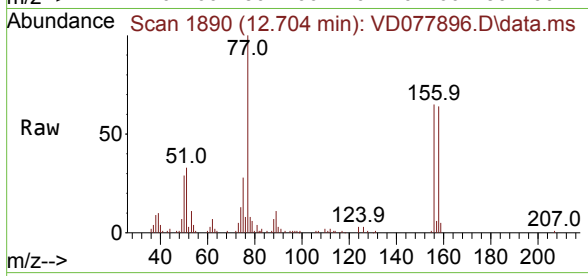




#77
 Bromobenzene
 Concen: 20.128 ug/l
 RT: 12.704 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

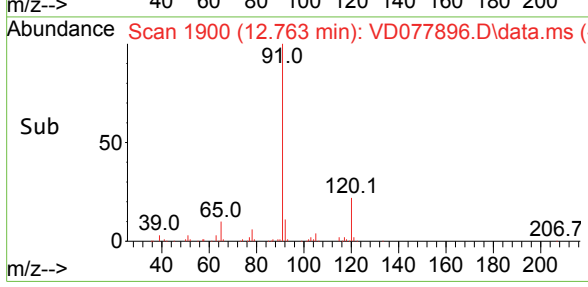
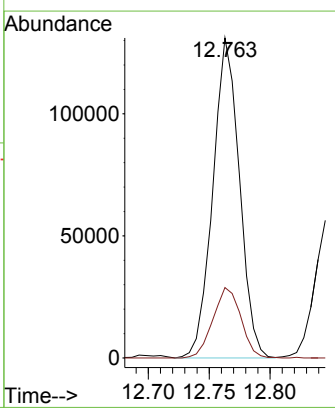
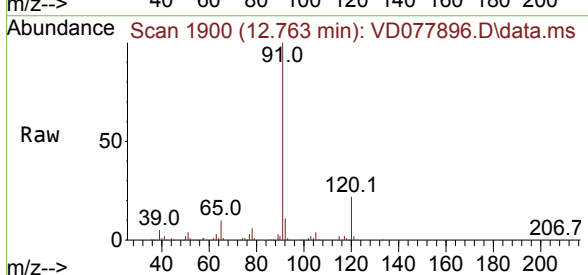
Instrument :
 MSVOA_D
 ClientSampleId :

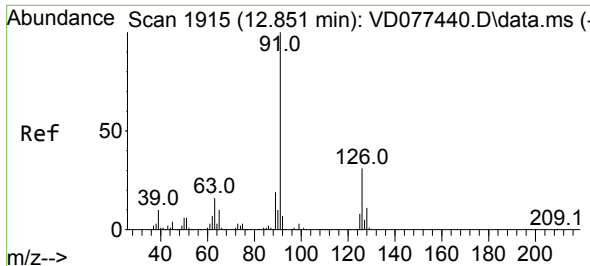
Tgt Ion:	156	Resp:	38062
Ion Ratio	Lower	Upper	
156	100		
77	177.3	76.8	230.4
158	95.4	48.6	145.9



#78
 n-propylbenzene
 Concen: 20.330 ug/l
 RT: 12.763 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

Tgt Ion:	91	Resp:	199159
Ion Ratio	Lower	Upper	
91	100		
120	23.1	12.4	37.2

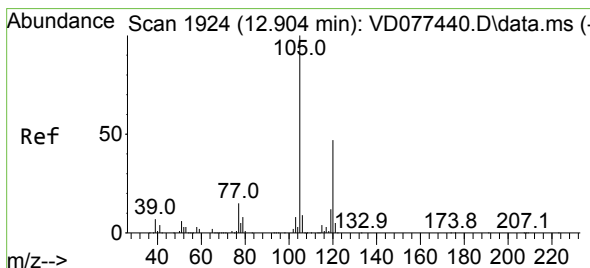
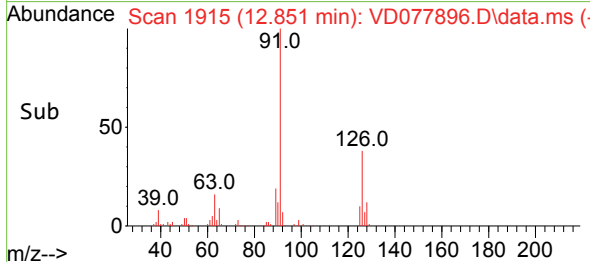
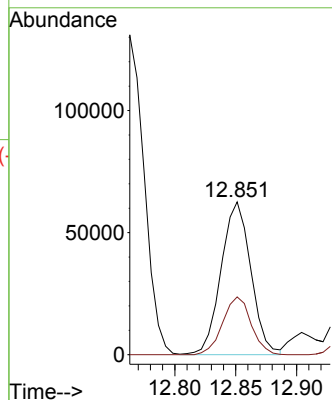
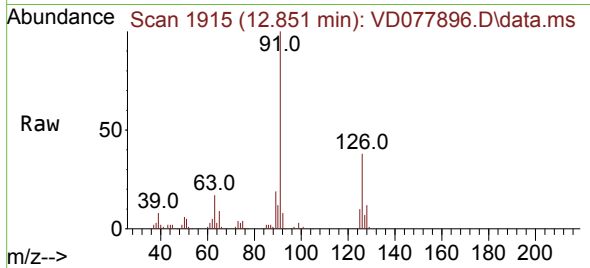




#79
2-Chlorotoluene
Concen: 20.316 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

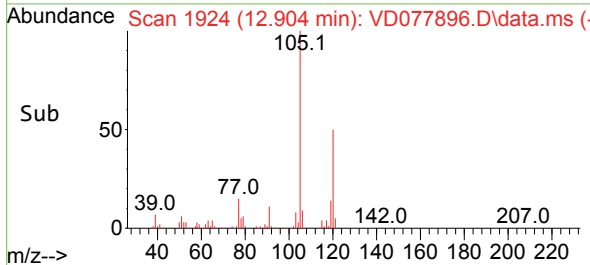
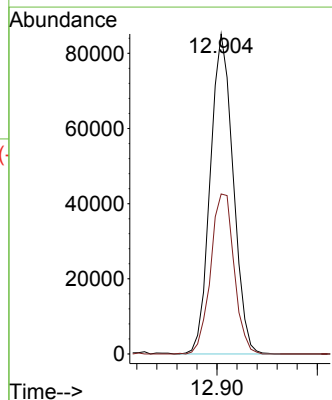
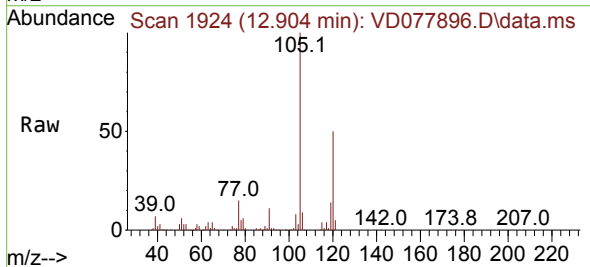
Instrument :
MSVOA_D
ClientSampleId :

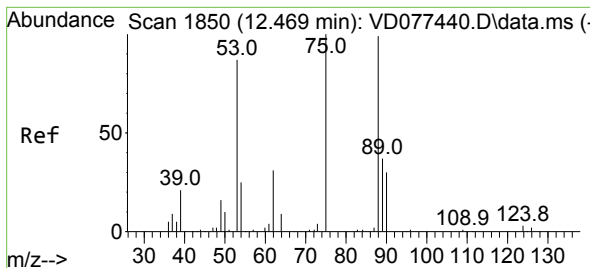
Tgt Ion: 91 Resp: 106657
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.091 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion:105 Resp: 134716
Ion Ratio Lower Upper
105 100
120 51.3 26.4 79.2

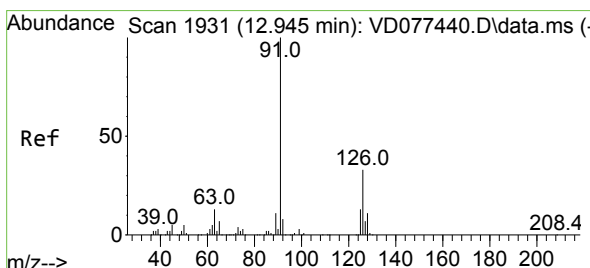
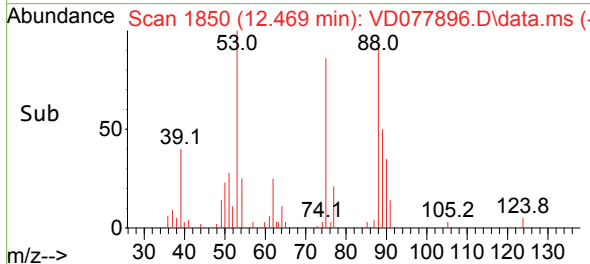
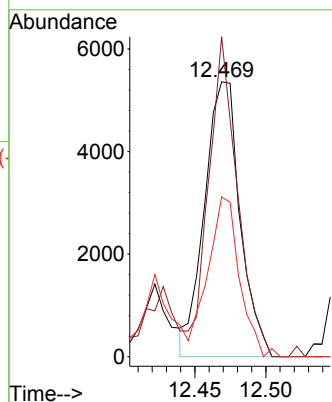
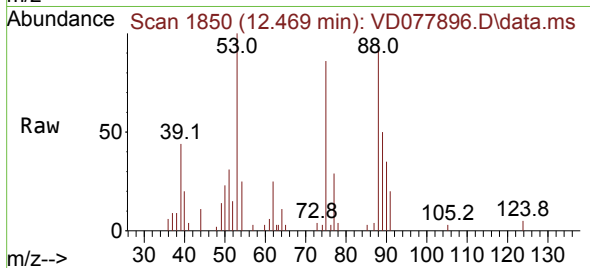




#81
trans-1,4-Dichloro-2-butene
Concen: 20.499 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

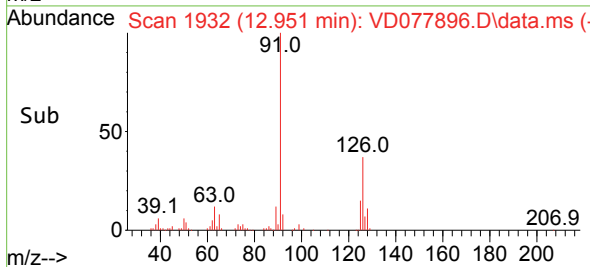
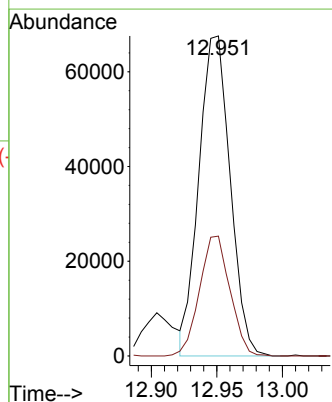
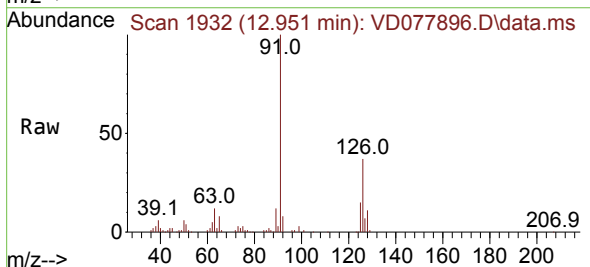
Instrument :
MSVOA_D
ClientSampleId :

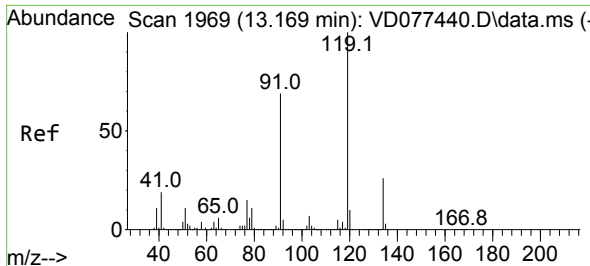
Tgt Ion: 75 Resp: 9321
Ion Ratio Lower Upper
75 100
53 93.5 63.0 94.4
89 51.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.442 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

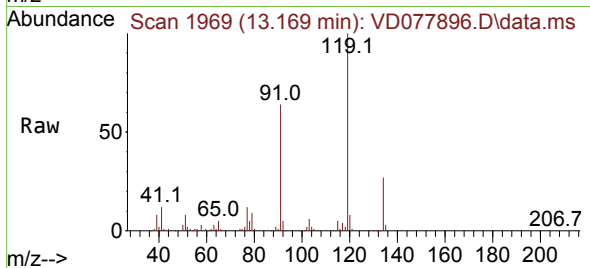
Tgt Ion: 91 Resp: 112192
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.4



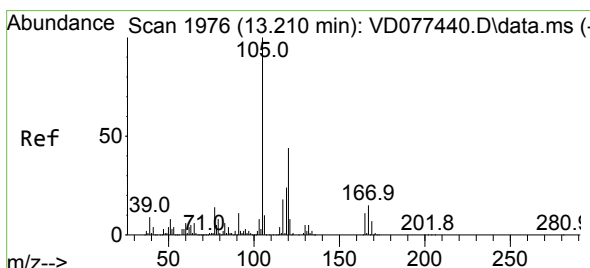
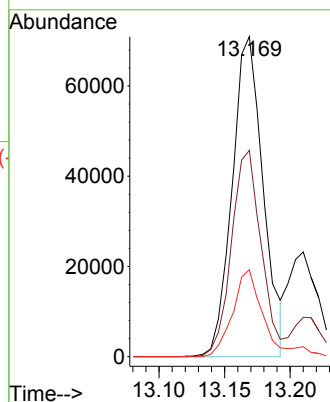
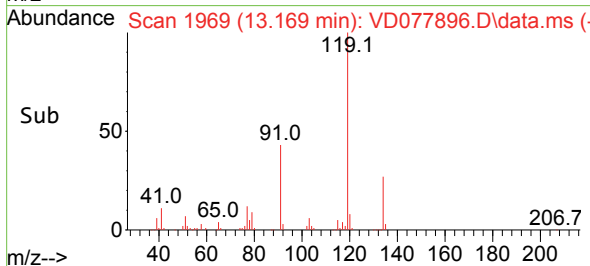


#83
tert-Butylbenzene
Concen: 20.590 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

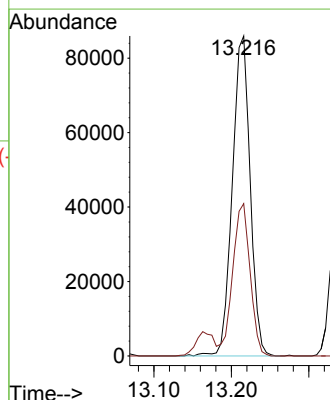
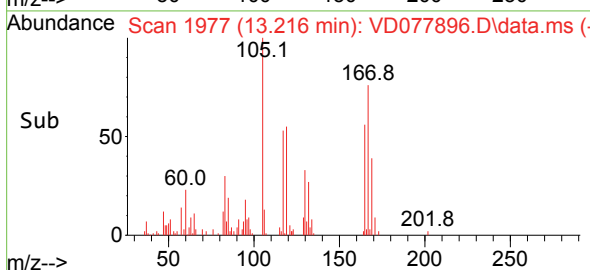
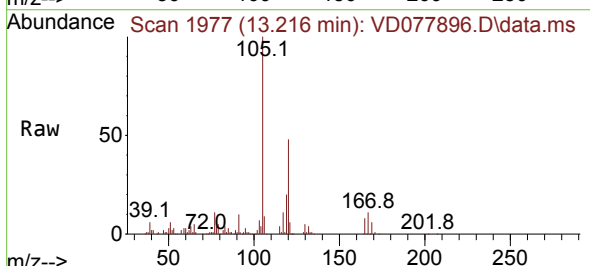


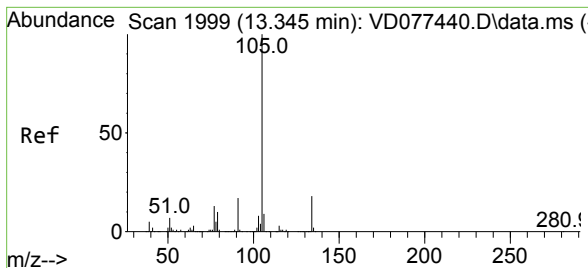
Tgt Ion:119 Resp: 116556
Ion Ratio Lower Upper
119 100
91 61.6 29.3 87.8
134 27.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.460 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion:105 Resp: 137217
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.334 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

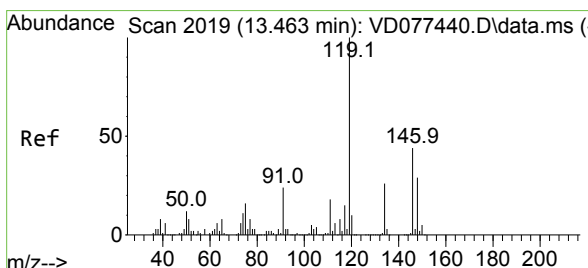
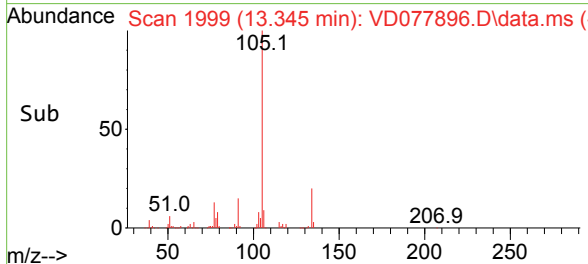
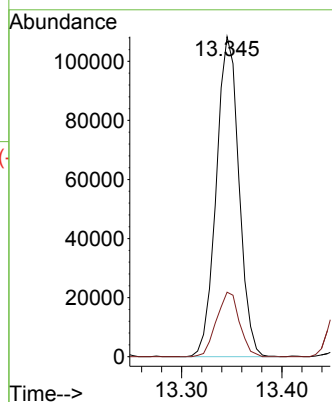
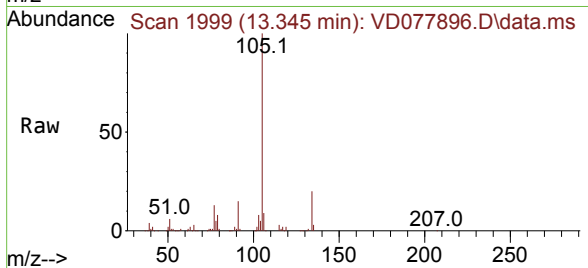
ClientSampleId :

Tgt Ion:105 Resp: 170147

Ion Ratio Lower Upper

105 100

134 20.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.689 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

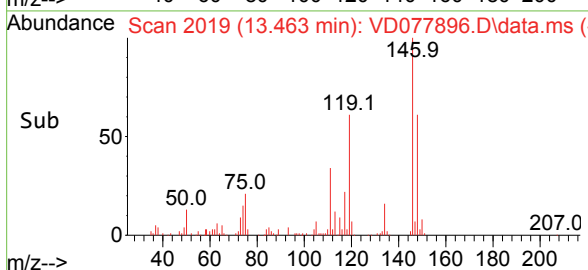
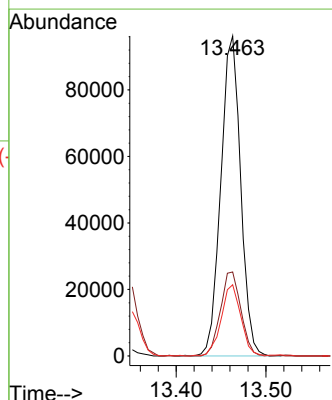
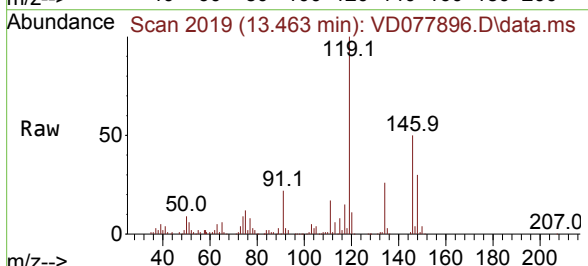
Tgt Ion:119 Resp: 147501

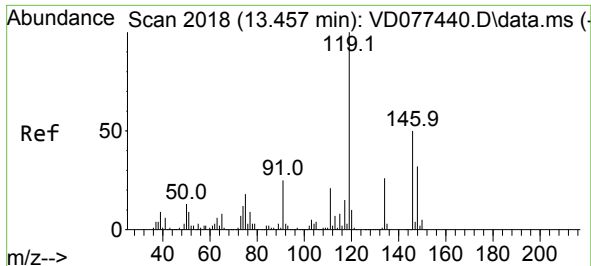
Ion Ratio Lower Upper

119 100

134 27.2 14.2 42.6

91 22.1 10.5 31.5

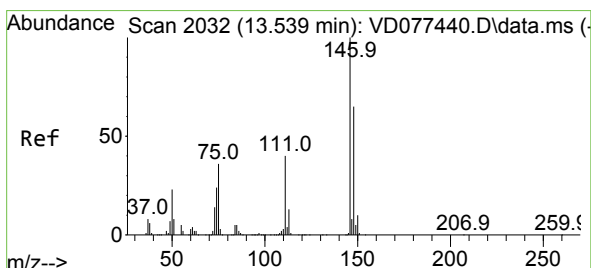
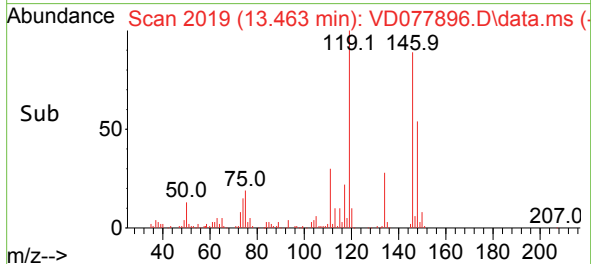
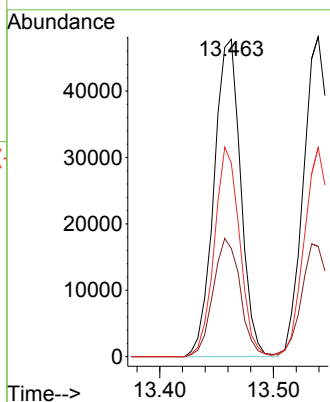
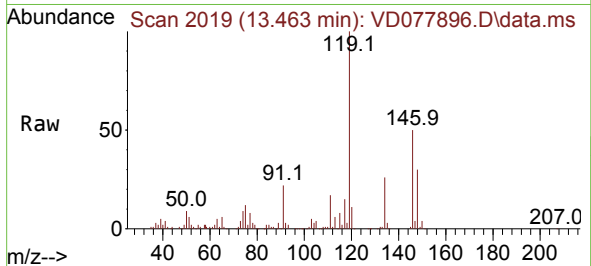




#87
 1,3-Dichlorobenzene
 Concen: 20.193 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

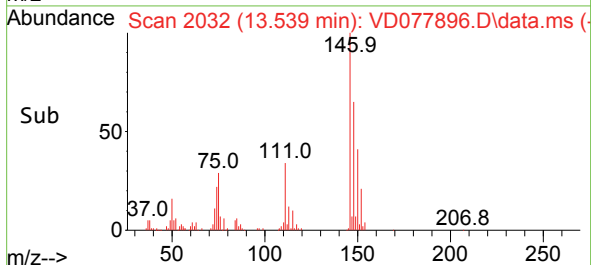
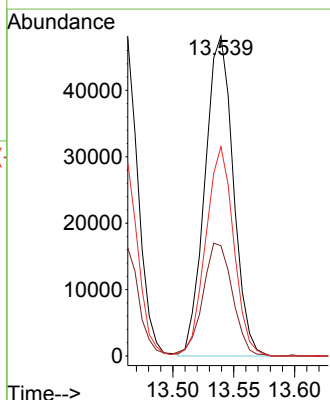
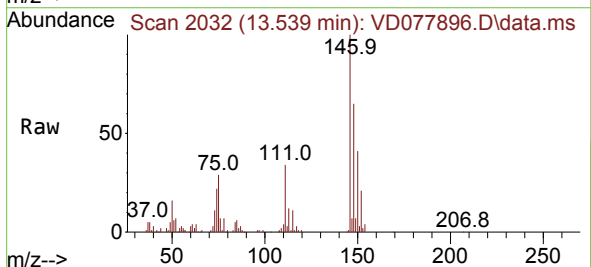
Instrument :
 MSVOA_D
 ClientSampleId :

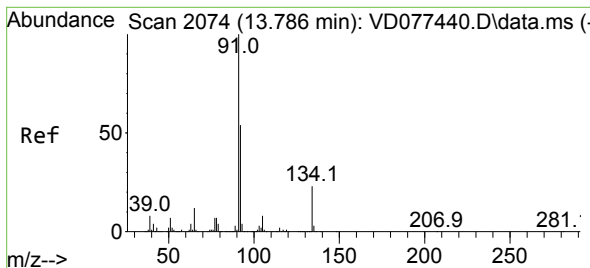
Tgt Ion:146 Resp: 78088
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.9 53.8
 148 62.6 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077896.D
 Acq: 15 Dec 2023 11:31

Tgt Ion:146 Resp: 78137
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.4 52.3
 148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 20.185 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

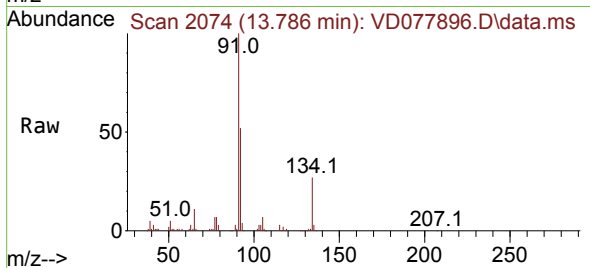
Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :



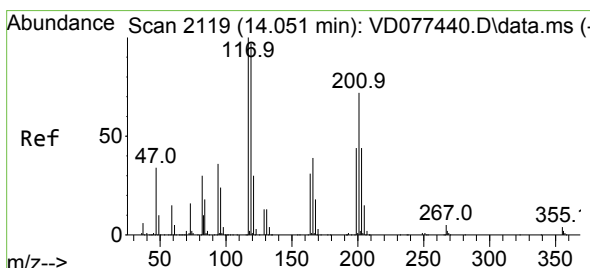
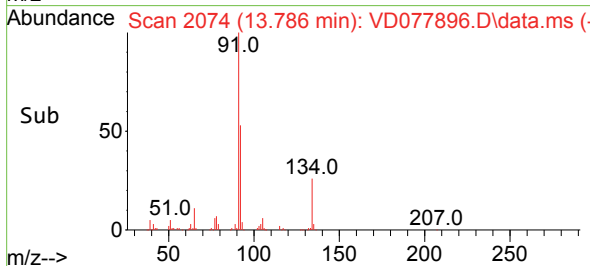
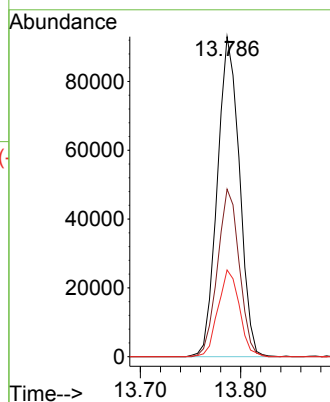
Tgt Ion: 91 Resp: 142290

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 26.3 13.8 41.3



#90

Hexachloroethane

Concen: 21.596 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077896.D

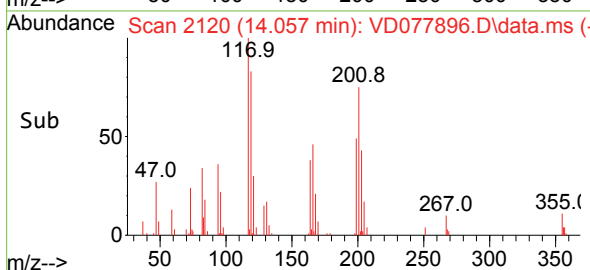
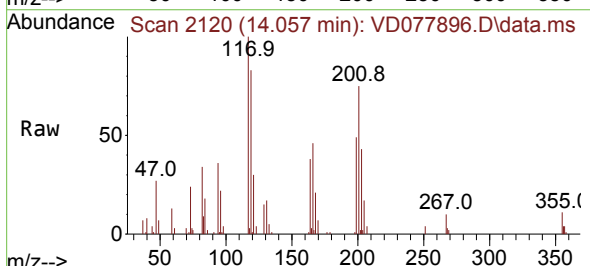
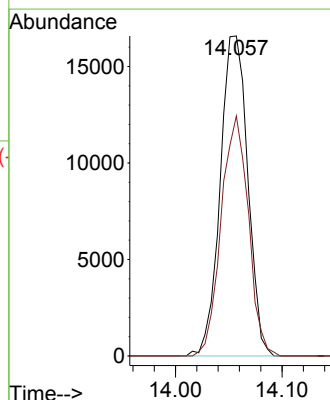
Acq: 15 Dec 2023 11:31

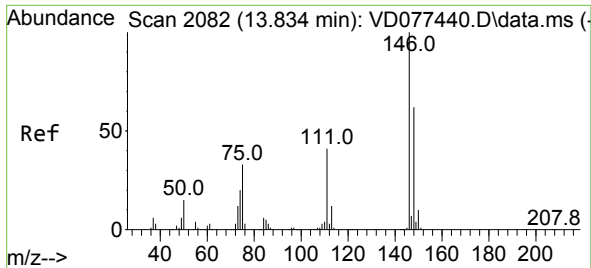
Tgt Ion: 117 Resp: 29754

Ion Ratio Lower Upper

117 100

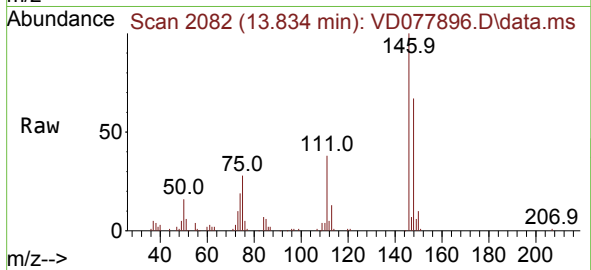
201 74.0 38.5 115.5



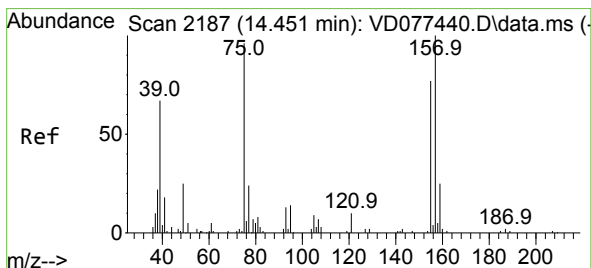
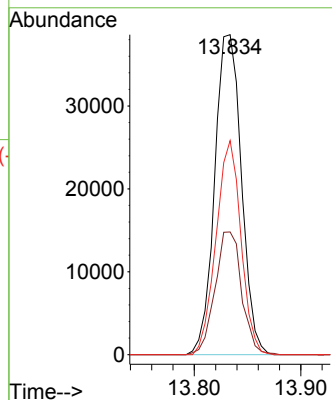
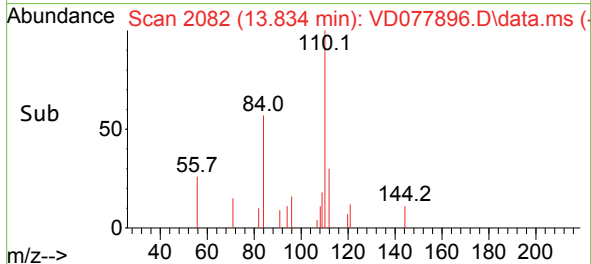


#91
1,2-Dichlorobenzene
Concen: 20.427 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

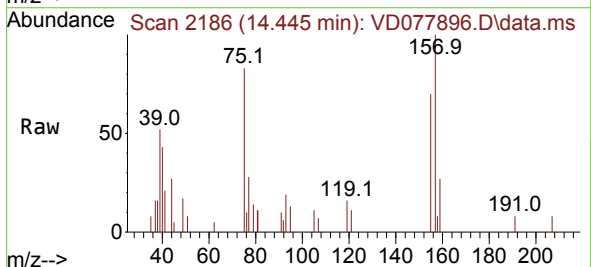
Instrument :
MSVOA_D
ClientSampleId :



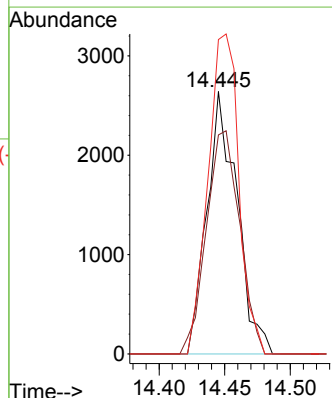
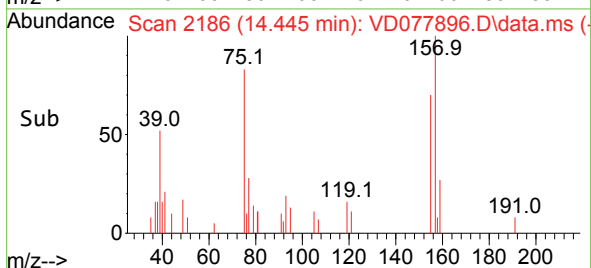
Tgt Ion:146 Resp: 67180
Ion Ratio Lower Upper
146 100
111 38.3 18.3 54.8
148 62.2 31.6 94.7

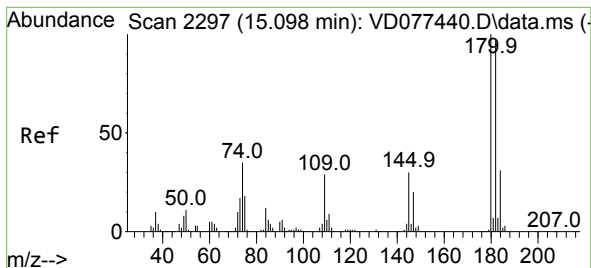


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.193 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31



Tgt Ion: 75 Resp: 4219
Ion Ratio Lower Upper
75 100
155 94.3 47.9 143.8
157 124.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.507 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

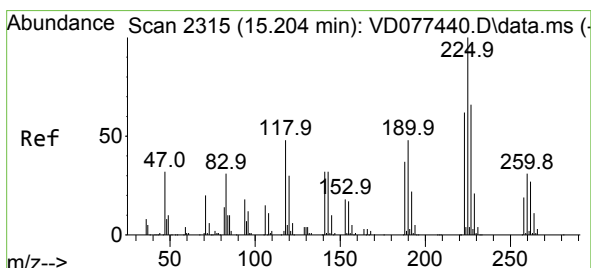
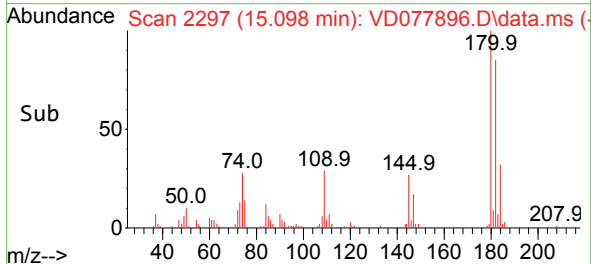
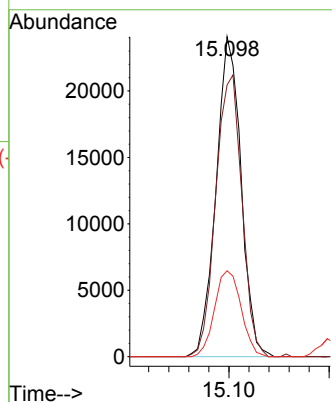
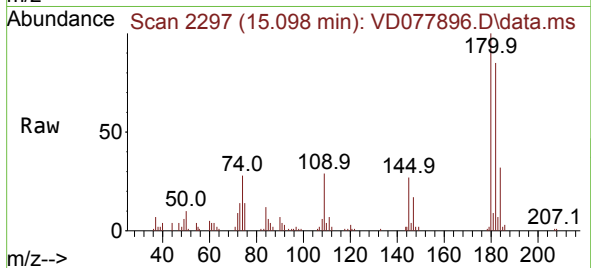
Tgt Ion:180 Resp: 41575

Ion Ratio Lower Upper

180 100

182 92.1 48.5 145.6

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.452 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077896.D

Acq: 15 Dec 2023 11:31

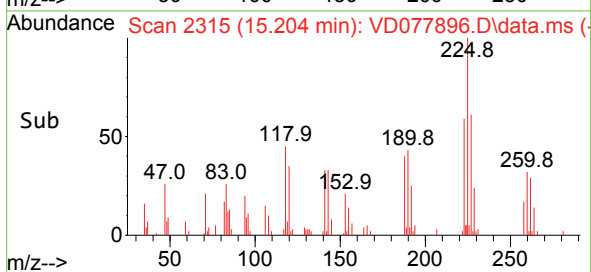
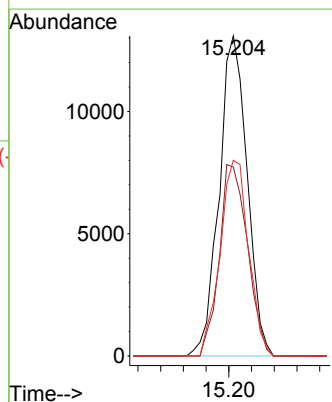
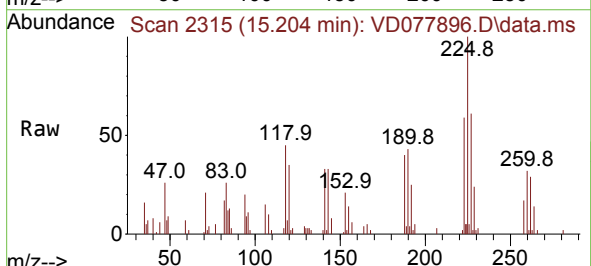
Tgt Ion:225 Resp: 22353

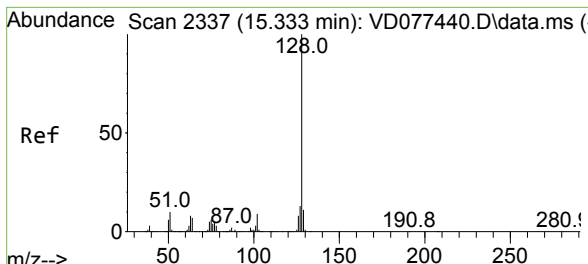
Ion Ratio Lower Upper

225 100

223 60.2 31.6 94.8

227 62.2 31.7 95.1

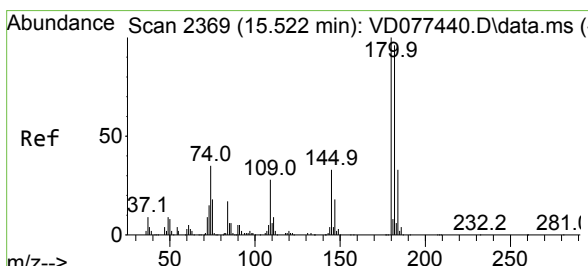
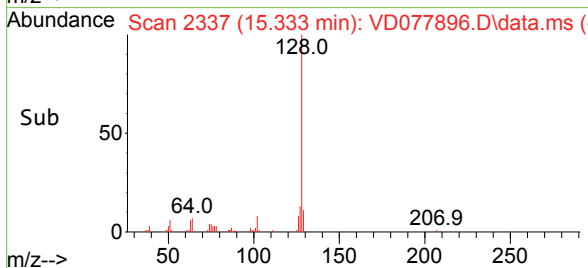
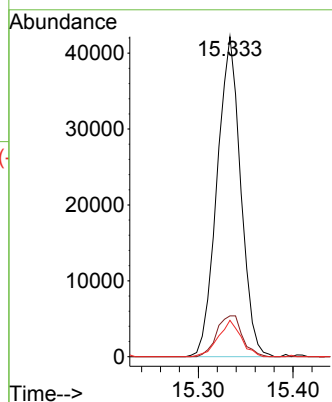
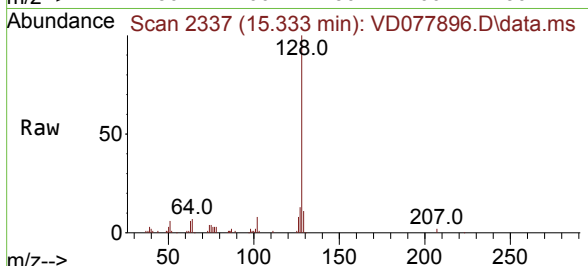




#95
Naphthalene
Concen: 19.615 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	73214
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.201 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077896.D
Acq: 15 Dec 2023 11:31

Tgt Ion:	180	Resp:	35561
Ion Ratio	Lower	Upper	
180	100		
182	91.2	47.3	141.9
145	31.5	15.1	45.3

