

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077497.D
 Acq On : 03 Nov 2023 11:17
 Operator : JC/SY
 Sample : VD1103SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 04 05:14:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	223075	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	406254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	357885	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	160142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	155257	49.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.440%
35) Dibromofluoromethane	7.810	113	134150	47.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.269	98	558871	51.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.575	95	174597	47.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	35083	19.504	ug/l	99
3) Chloromethane	2.152	50	54700	19.155	ug/l	98
4) Vinyl Chloride	2.287	62	61288	22.009	ug/l	99
5) Bromomethane	2.693	94	36751	25.185	ug/l	99
6) Chloroethane	2.840	64	44333	23.646	ug/l	93
7) Trichlorofluoromethane	3.181	101	75312	19.312	ug/l	97
8) Diethyl Ether	3.599	74	24829	17.712	ug/l #	48
9) 1,1,2-Trichlorotrifluo...	3.981	101	45506	19.329	ug/l	93
10) Methyl Iodide	4.169	142	44574	17.196	ug/l #	90
11) Tert butyl alcohol	5.046	59	23497	94.037	ug/l	96
12) 1,1-Dichloroethene	3.946	96	40788	18.300	ug/l #	67
13) Acrolein	3.799	56	31182	94.633	ug/l	100
14) Allyl chloride	4.563	41	98666	18.350	ug/l #	82
15) Acrylonitrile	5.258	53	74195	97.910	ug/l	98
16) Acetone	4.022	43	85686	102.656	ug/l #	82
17) Carbon Disulfide	4.275	76	86054	15.333	ug/l	99
18) Methyl Acetate	4.575	43	56398	18.524	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	131010	18.726	ug/l	93
20) Methylene Chloride	4.805	84	68294	20.330	ug/l #	61
21) trans-1,2-Dichloroethene	5.316	96	47830	18.426	ug/l #	75
22) Diisopropyl ether	6.222	45	219062	19.170	ug/l #	90
23) Vinyl Acetate	6.157	43	539984	109.529	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	114702	19.344	ug/l	95
25) 2-Butanone	7.081	43	107153	96.244	ug/l #	71
26) 2,2-Dichloropropane	7.081	77	99900	19.011	ug/l	87
27) cis-1,2-Dichloroethene	7.087	96	60313	18.755	ug/l	68
28) Bromochloromethane	7.428	49	42333	17.190	ug/l #	54
29) Tetrahydrofuran	7.446	42	62392	94.489	ug/l #	68
30) Chloroform	7.599	83	110206	19.906	ug/l	93
31) Cyclohexane	7.881	56	89201	18.090	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	90693	19.882	ug/l	95
36) 1,1-Dichloropropene	8.016	75	75578	18.154	ug/l	93
37) Ethyl Acetate	7.175	43	42544	17.807	ug/l #	89
38) Carbon Tetrachloride	7.999	117	73954	18.851	ug/l	96
39) Methylcyclohexane	9.275	83	81437	17.144	ug/l #	80
40) Benzene	8.257	78	224454	18.907	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	24115	15.775	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	69749	18.551	ug/l	90
43) Isopropyl Acetate	8.363	43	88811	18.013	ug/l #	80
44) Trichloroethene	9.028	130	54899	18.879	ug/l	90
45) 1,2-Dichloropropane	9.304	63	67548	19.327	ug/l	98
46) Dibromomethane	9.393	93	30525	18.149	ug/l #	85
47) Bromodichloromethane	9.587	83	82245	18.500	ug/l	99
48) Methyl methacrylate	9.381	41	40436	17.182	ug/l #	64
49) 1,4-Dioxane	9.387	88	6745	373.213	ug/l #	64
51) 4-Methyl-2-Pentanone	10.157	43	221413	91.237	ug/l #	82
52) Toluene	10.334	92	134713	18.615	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	87683	18.627	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	102001	18.830	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	42231	18.820	ug/l	91
56) Ethyl methacrylate	10.598	69	61890	18.550	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	77839	18.558	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	146251	87.560	ug/l #	84
59) 2-Hexanone	10.922	43	166242	92.990	ug/l	79
60) Dibromochloromethane	11.075	129	50154	18.587	ug/l	100
61) 1,2-Dibromoethane	11.181	107	38614	18.171	ug/l	99
64) Tetrachloroethene	10.810	164	40101	17.600	ug/l #	90
65) Chlorobenzene	11.610	112	144600	19.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53154	18.760	ug/l	96
67) Ethyl Benzene	11.687	91	280230	19.425	ug/l	94
68) m/p-Xylenes	11.792	106	199834	38.360	ug/l	81
69) o-Xylene	12.122	106	96721	19.383	ug/l	83
70) Styrene	12.140	104	166224	19.310	ug/l #	92
71) Bromoform	12.304	173	27970	17.806	ug/l #	97
73) Isopropylbenzene	12.422	105	263991	20.219	ug/l	94
74) N-amyl acetate	12.234	43	86377	18.677	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	49041	19.161	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	66098	33.912	ug/l #	100
77) Bromobenzene	12.704	156	55936	19.463	ug/l	72
78) n-propylbenzene	12.763	91	333246	20.101	ug/l	92
79) 2-Chlorotoluene	12.851	91	181124	19.296	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	215703	19.689	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	18149	17.987	ug/l #	84
82) 4-Chlorotoluene	12.945	91	183120	18.729	ug/l	89
83) tert-Butylbenzene	13.169	119	183863	19.961	ug/l	88
84) 1,2,4-Trimethylbenzene	13.216	105	218773	20.103	ug/l	92
85) sec-Butylbenzene	13.345	105	285479	20.256	ug/l	94
86) p-Isopropyltoluene	13.463	119	229380	20.024	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	109592	19.400	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	110463	19.571	ug/l	96
89) n-Butylbenzene	13.786	91	239205	20.090	ug/l	97
90) Hexachloroethane	14.051	117	45440	19.384	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	97124	19.563	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7324	16.986	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	64466	18.902	ug/l	97
94) Hexachlorobutadiene	15.204	225	35042	19.048	ug/l	98
95) Naphthalene	15.333	128	123515	18.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	54649	18.563	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

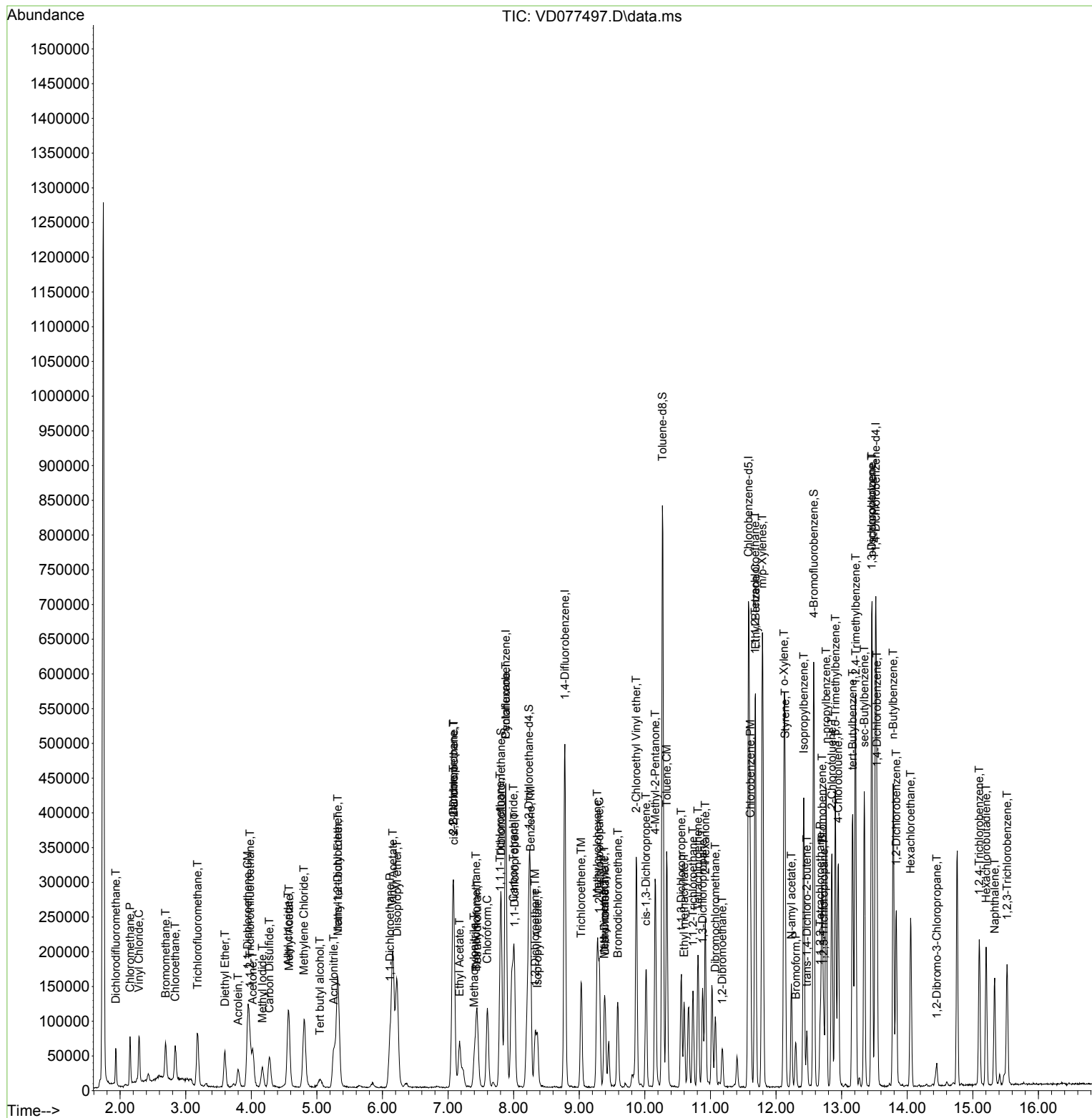
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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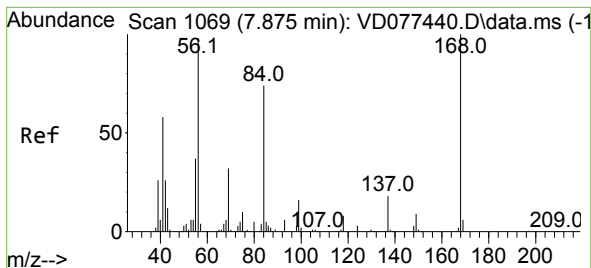
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

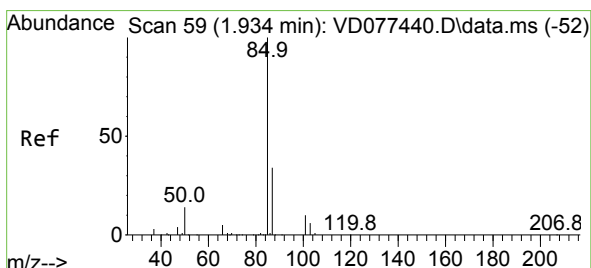
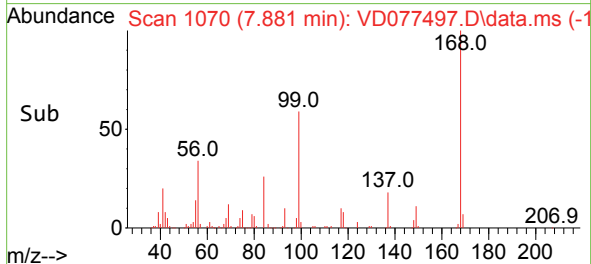
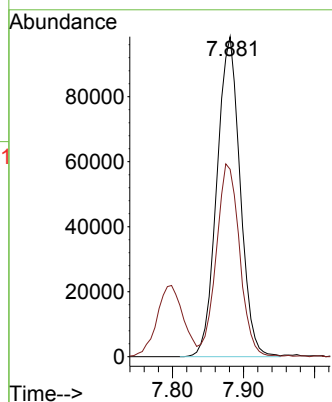
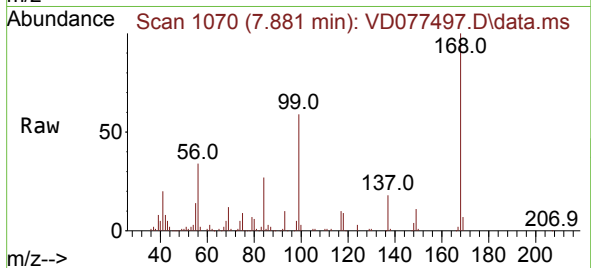
ClientSampleId :

Tgt Ion:168 Resp: 223075

Ion Ratio Lower Upper

168 100

99 58.3 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.504 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077497.D

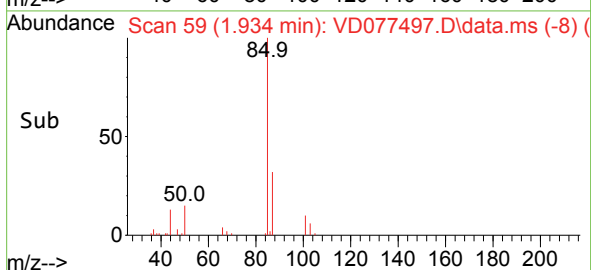
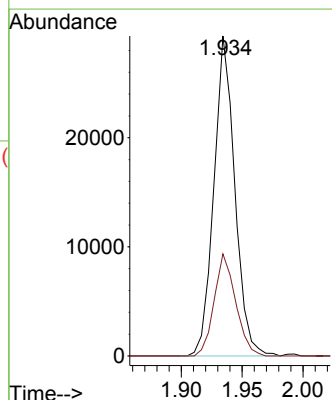
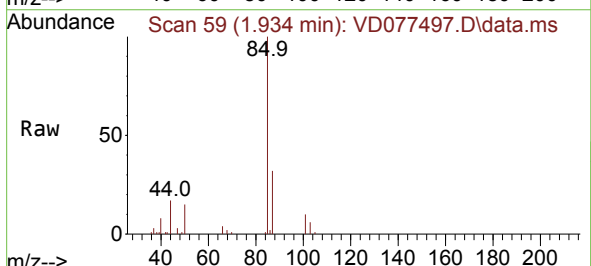
Acq: 03 Nov 2023 11:17

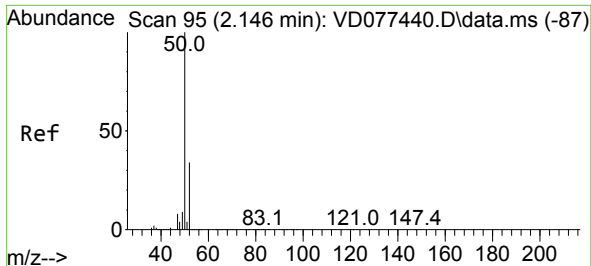
Tgt Ion: 85 Resp: 35083

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.0

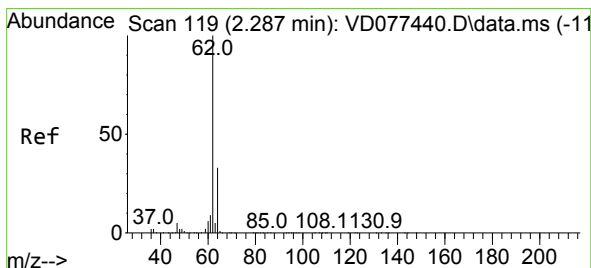
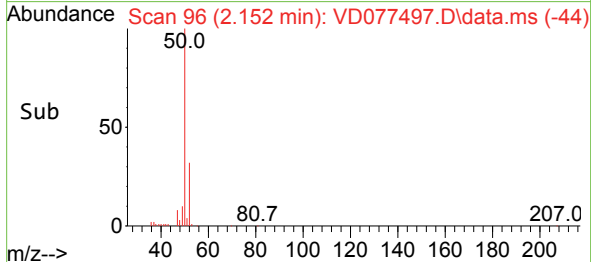
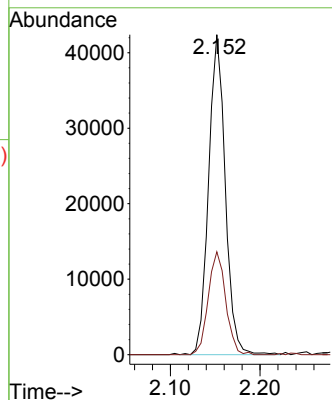
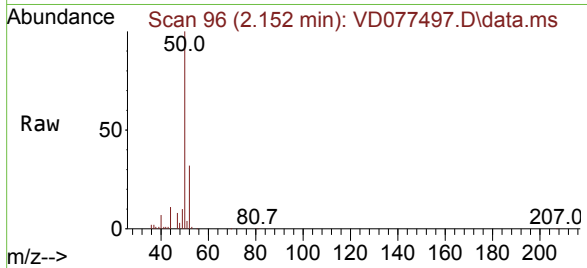




#3
Chloromethane
Concen: 19.155 ug/l
RT: 2.152 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

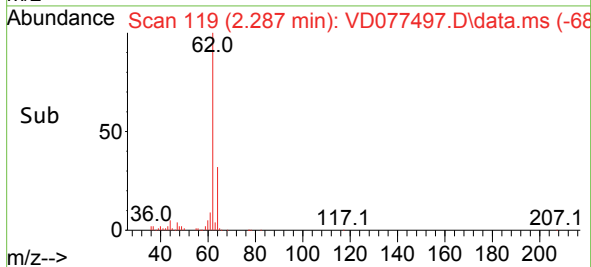
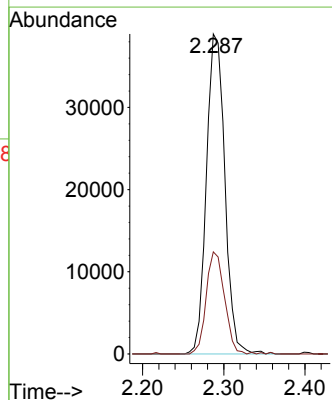
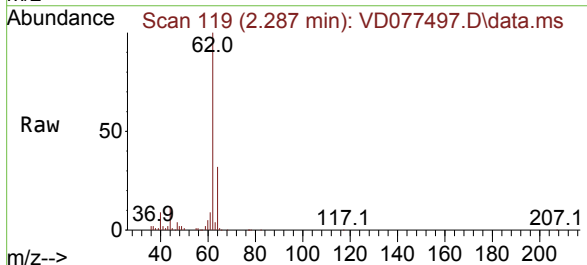
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 54700
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 22.009 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 62 Resp: 61288
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0

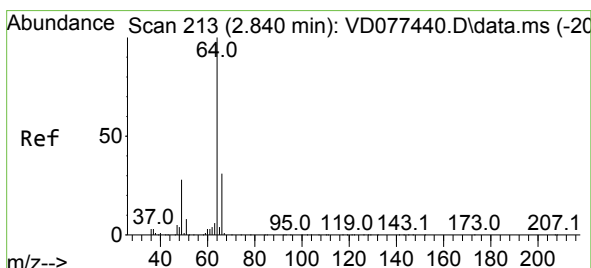
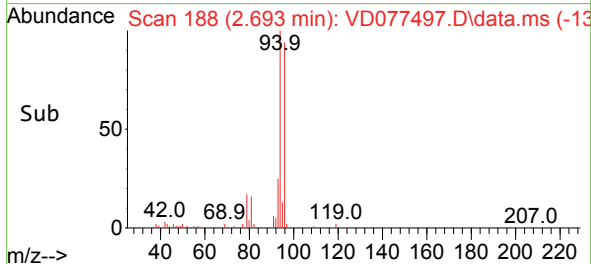
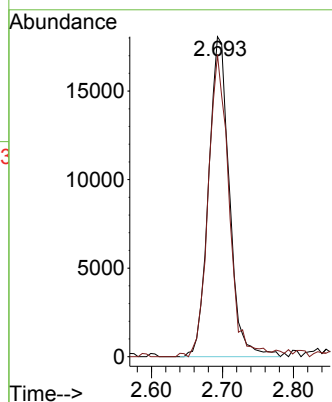
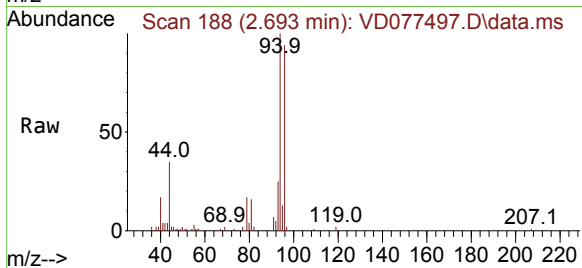




#5
Bromomethane
Concen: 25.185 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

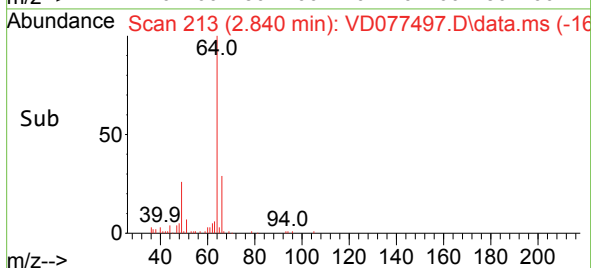
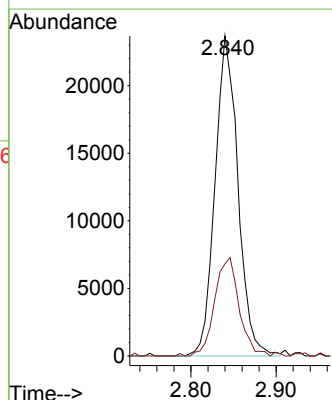
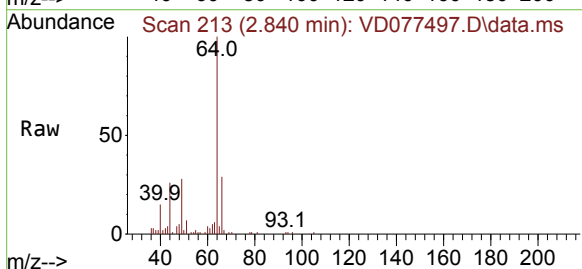
Instrument :
MSVOA_D
ClientSampleId :

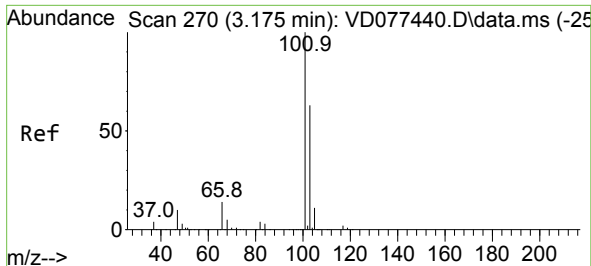
Tgt Ion: 94 Resp: 36751
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8



#6
Chloroethane
Concen: 23.646 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 64 Resp: 44333
Ion Ratio Lower Upper
64 100
66 28.1 25.5 38.3

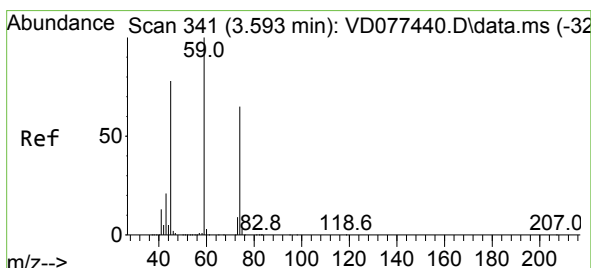
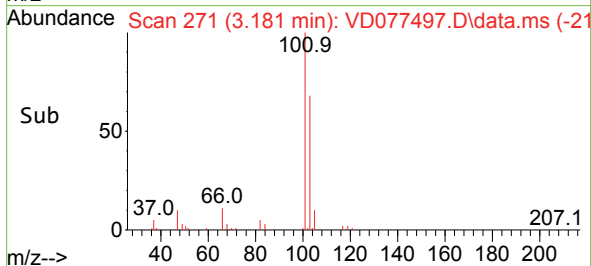
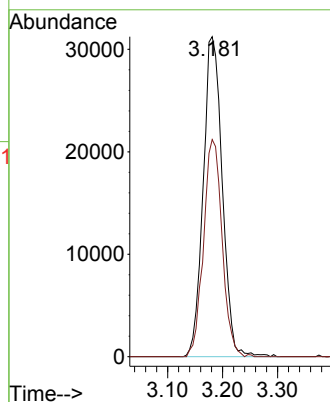
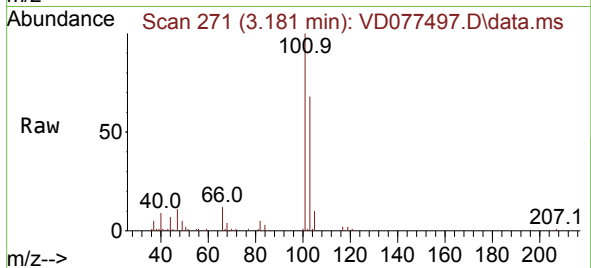




#7
Trichlorofluoromethane
Concen: 19.312 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

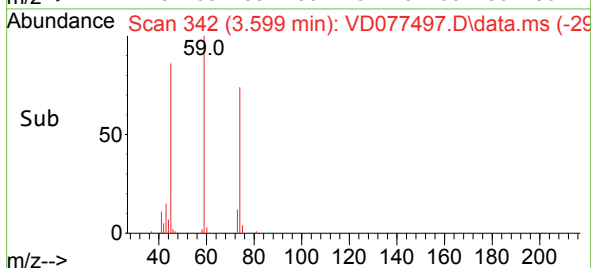
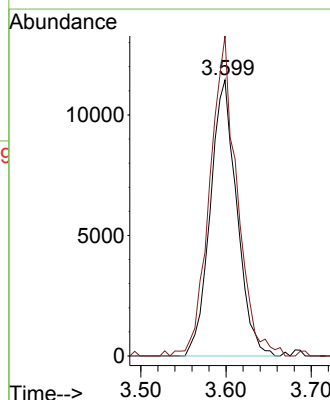
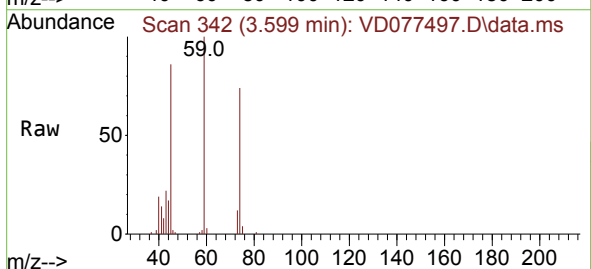
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 75312
Ion Ratio Lower Upper
101 100
103 67.9 52.3 78.5



#8
Diethyl Ether
Concen: 17.712 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 74 Resp: 24829
Ion Ratio Lower Upper
74 100
45 119.5 37.5 112.7#

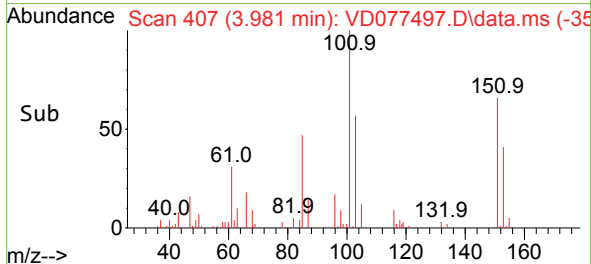
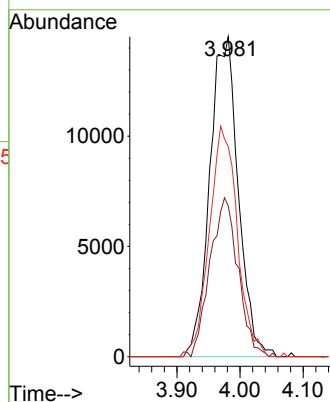
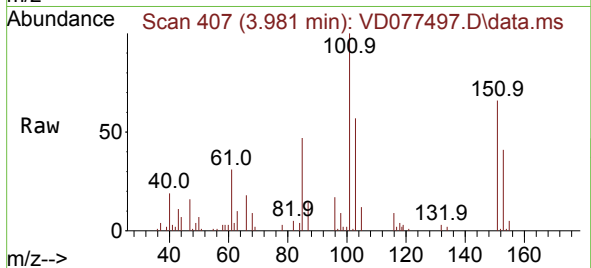




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.329 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

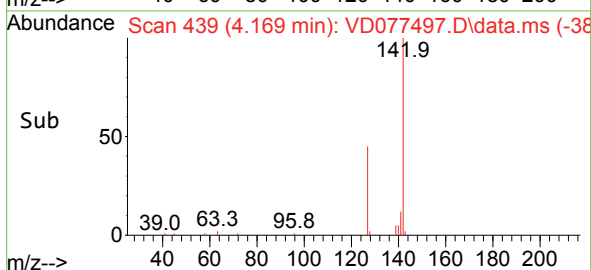
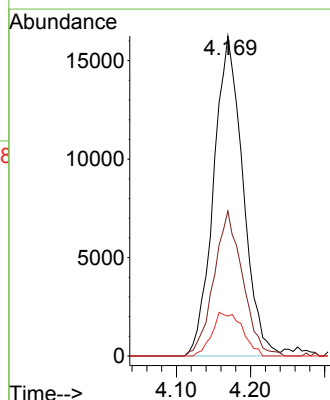
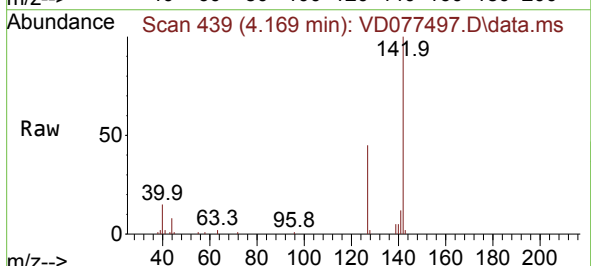
Instrument :
MSVOA_D
ClientSampleId :

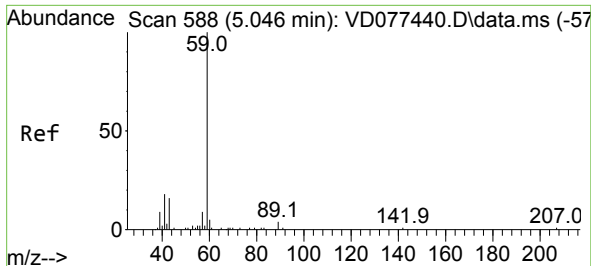
Tgt Ion:101 Resp: 45506
Ion Ratio Lower Upper
101 100
85 49.1 33.8 50.6
151 70.5 59.8 89.6



#10
Methyl Iodide
Concen: 17.196 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion:142 Resp: 44574
Ion Ratio Lower Upper
142 100
127 44.6 29.4 44.0#
141 14.1 11.1 16.7

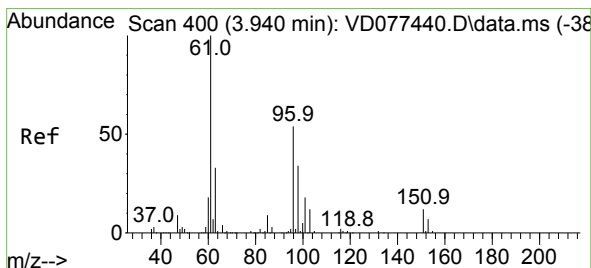
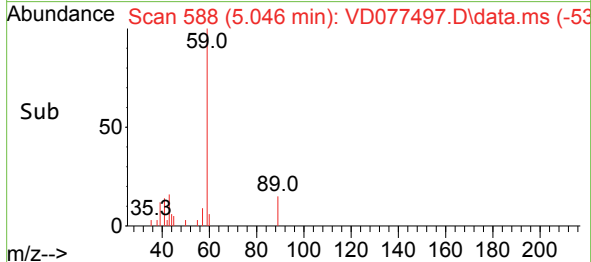
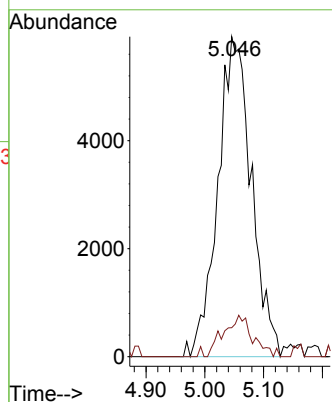
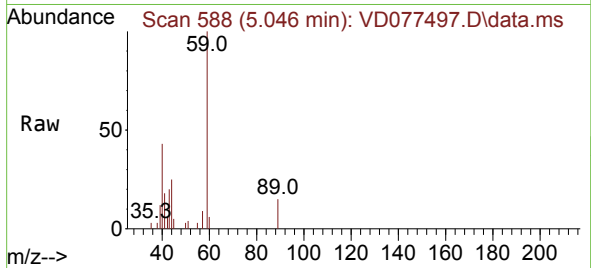




#11
Tert butyl alcohol
Concen: 94.037 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

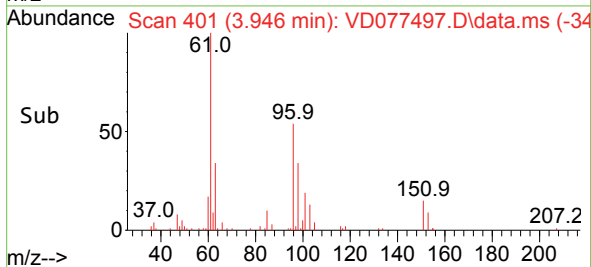
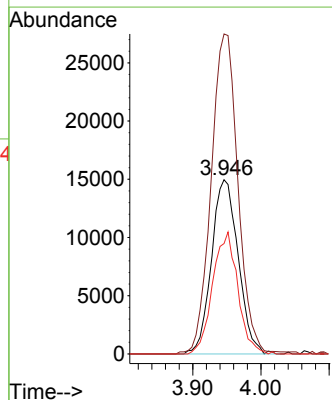
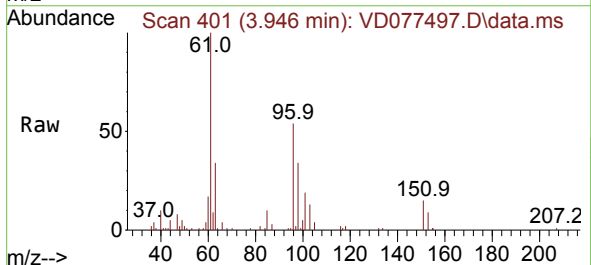
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 23497
Ion Ratio Lower Upper
59 100
57 11.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.300 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 96 Resp: 40788
Ion Ratio Lower Upper
96 100
61 182.4 100.6 150.8#
98 63.3 50.2 75.2





#13

Acrolein

Concen: 94.633 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

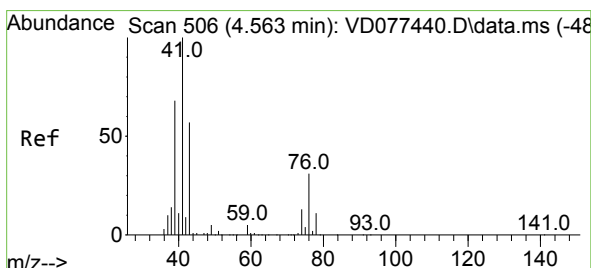
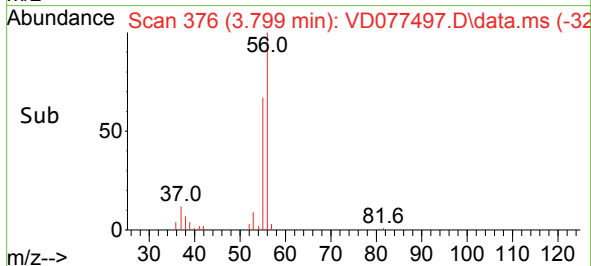
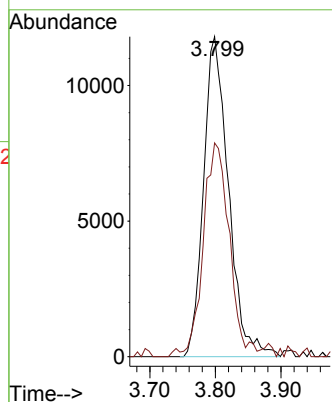
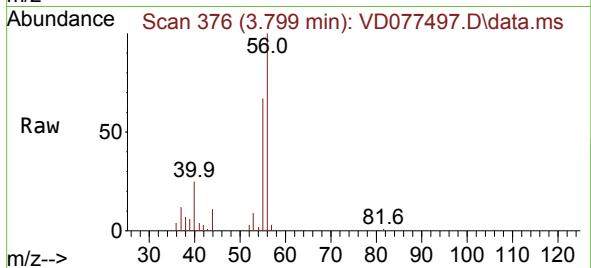
ClientSampleId :

Tgt Ion: 56 Resp: 31182

Ion Ratio Lower Upper

56 100

55 69.1 55.1 82.7



#14

Allyl chloride

Concen: 18.350 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

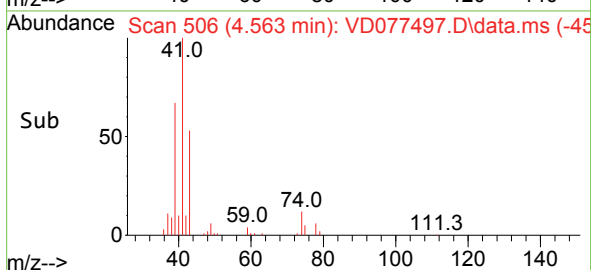
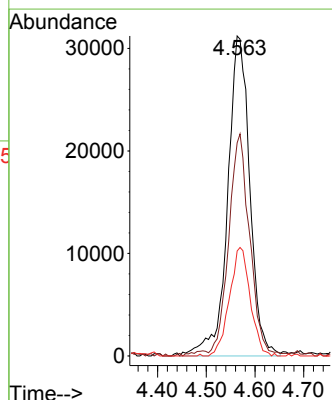
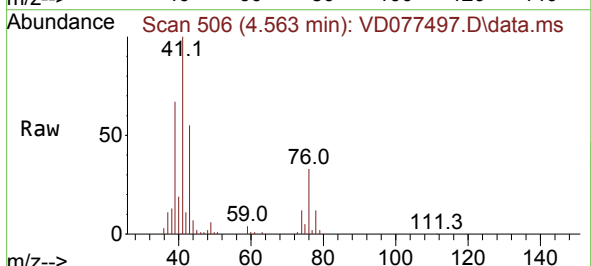
Tgt Ion: 41 Resp: 98666

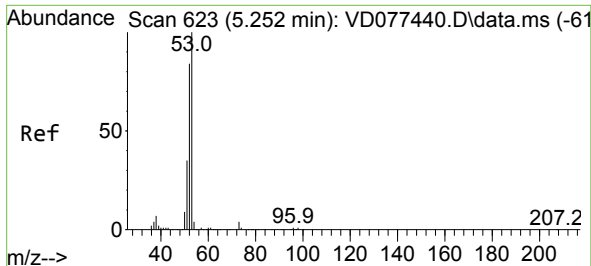
Ion Ratio Lower Upper

41 100

39 64.1 53.8 80.6

76 31.8 45.8 68.8#

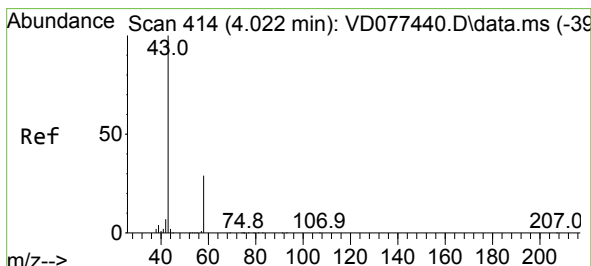
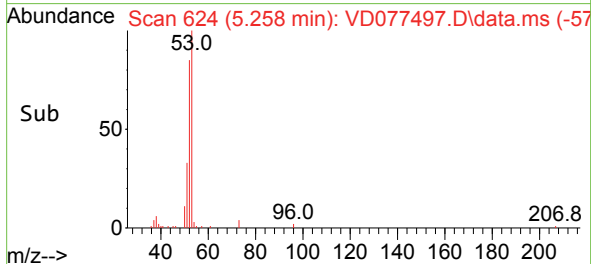
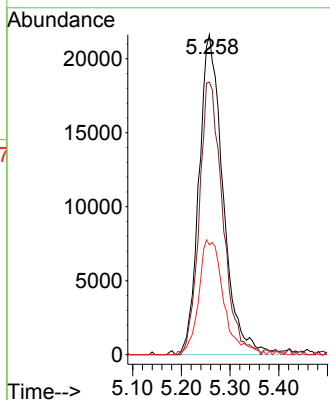
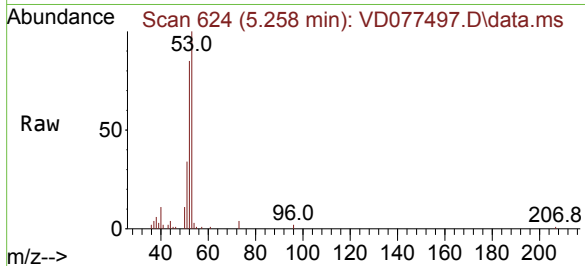




#15
Acrylonitrile
Concen: 97.910 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

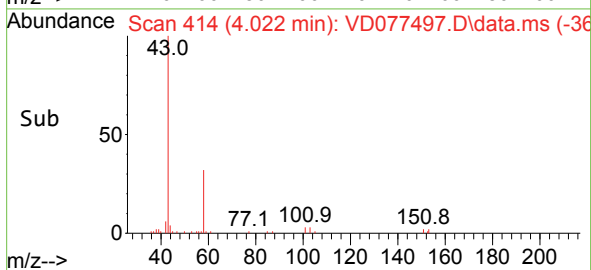
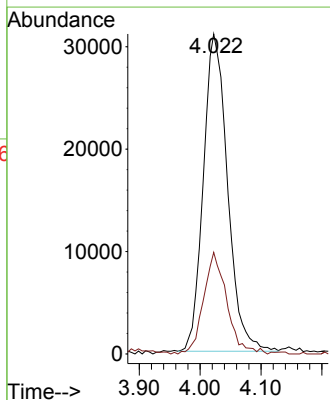
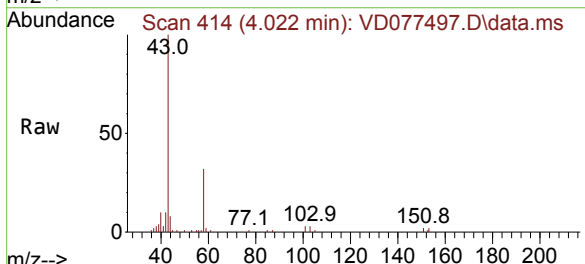
Instrument :
MSVOA_D
ClientSampleId :

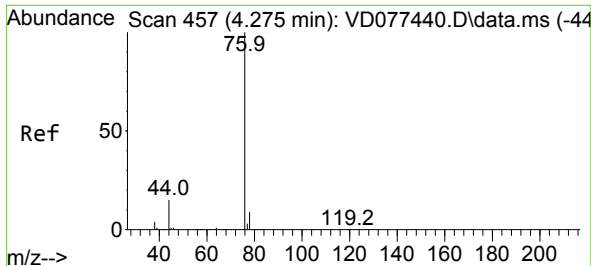
Tgt Ion: 53 Resp: 74195
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 37.2 28.3 42.5



#16
Acetone
Concen: 102.656 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 43 Resp: 85686
Ion Ratio Lower Upper
43 100
58 32.0 34.7 52.1#

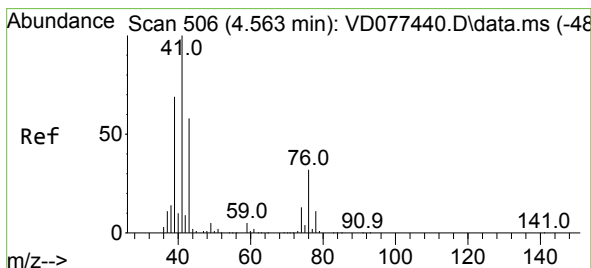
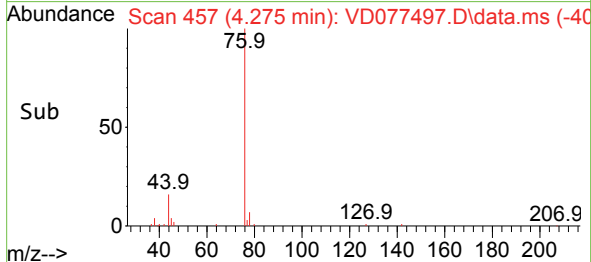
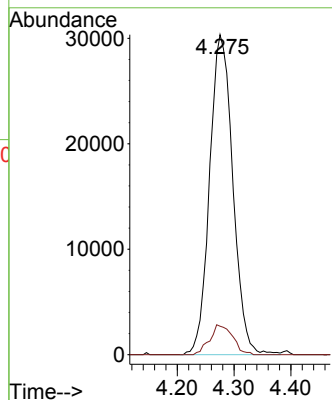
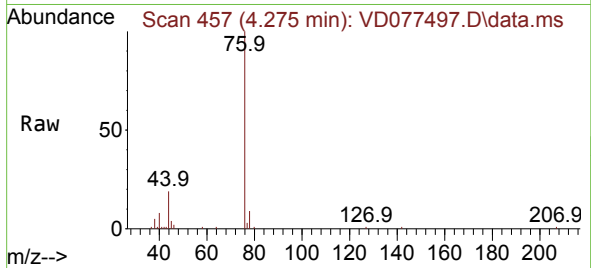




#17
Carbon Disulfide
Concen: 15.333 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

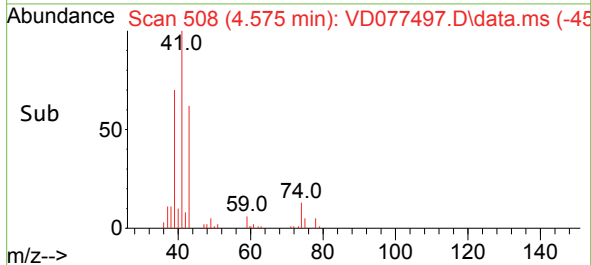
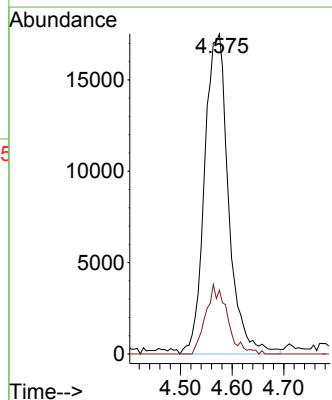
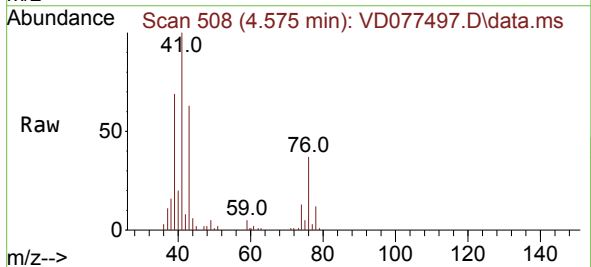
Instrument :
MSVOA_D
ClientSampleId :

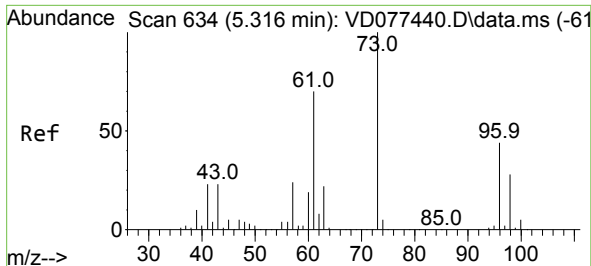
Tgt Ion: 76 Resp: 86054
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 18.524 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 43 Resp: 56398
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 18.726 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

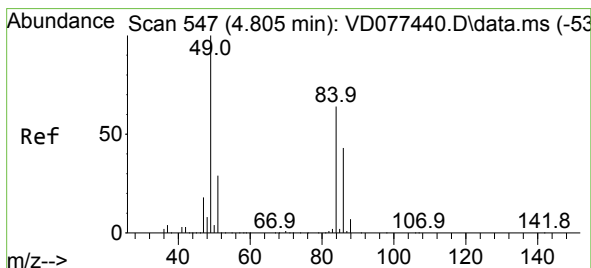
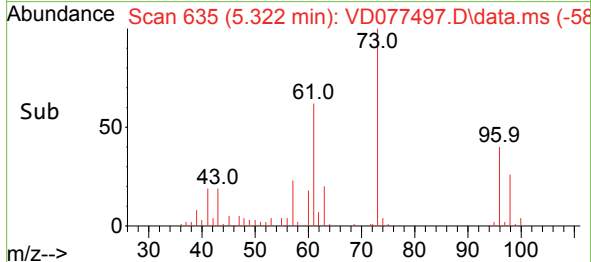
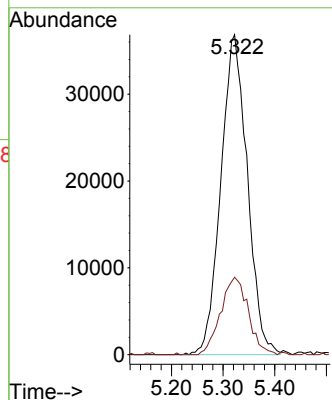
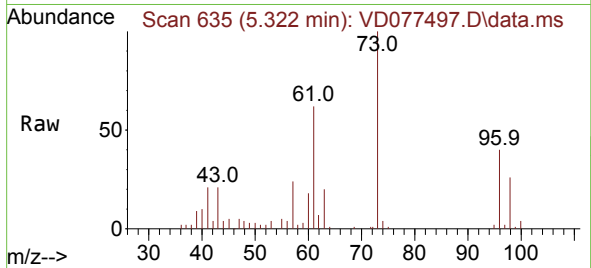
ClientSampleId :

Tgt Ion: 73 Resp: 131010

Ion Ratio Lower Upper

73 100

57 24.2 16.6 25.0



#20

Methylene Chloride

Concen: 20.330 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Tgt Ion: 84 Resp: 68294

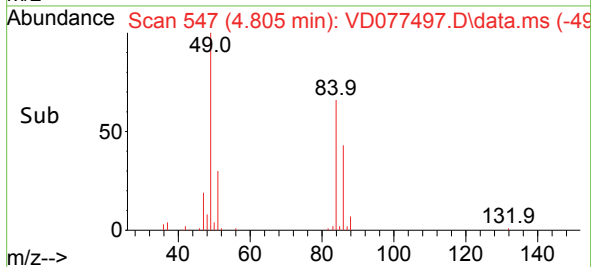
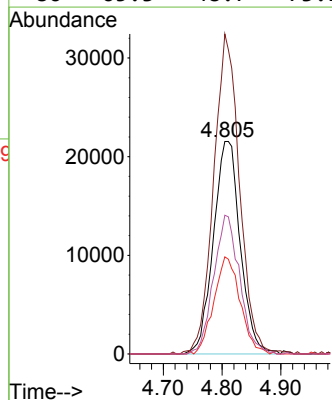
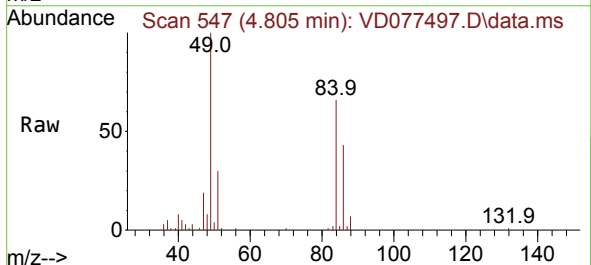
Ion Ratio Lower Upper

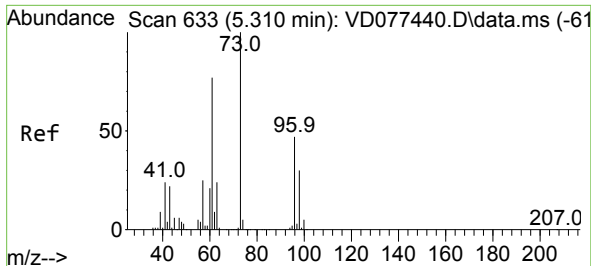
84 100

49 150.6 71.4 107.2#

51 45.7 24.5 36.7#

86 65.3 48.7 73.1

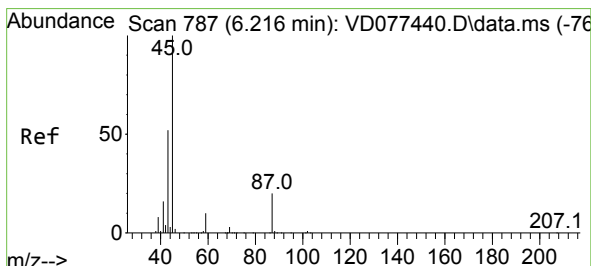
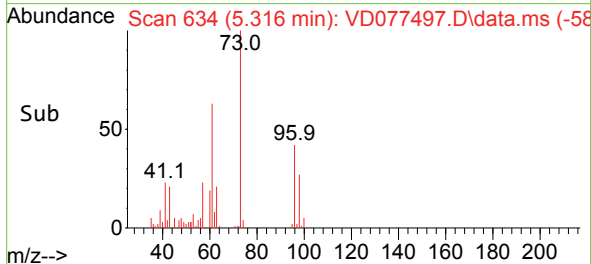
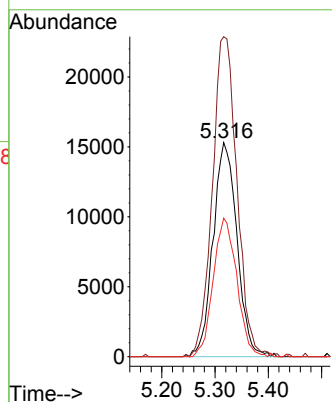
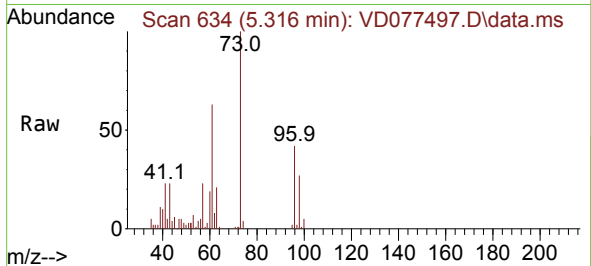




#21
trans-1,2-Dichloroethene
Concen: 18.426 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

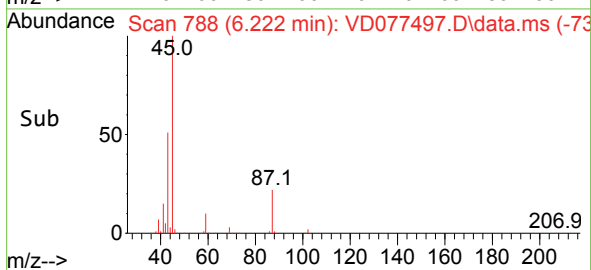
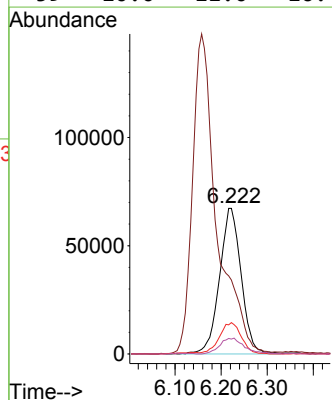
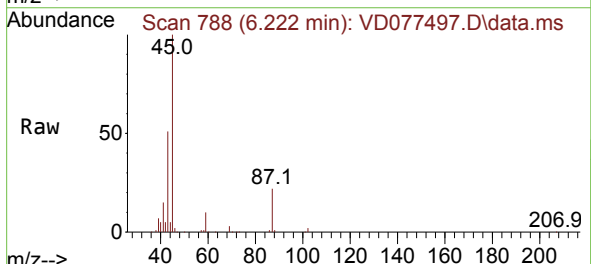
Instrument :
MSVOA_D
ClientSampleId :

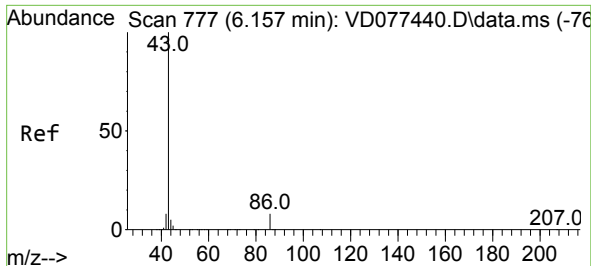
Tgt Ion: 96 Resp: 47830
Ion Ratio Lower Upper
96 100
61 149.5 89.3 133.9#
98 64.7 48.6 73.0



#22
Diisopropyl ether
Concen: 19.170 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

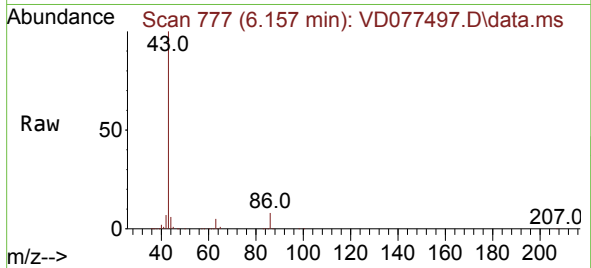
Tgt Ion: 45 Resp: 219062
Ion Ratio Lower Upper
45 100
43 49.4 40.0 60.0
87 21.6 28.2 42.4#
59 10.0 11.0 16.4#



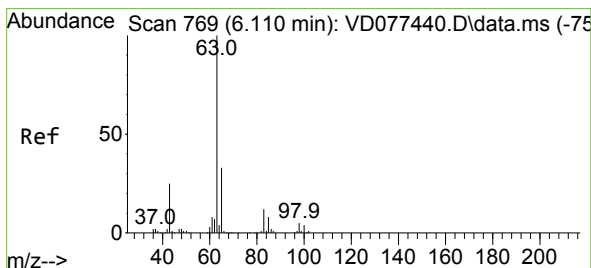
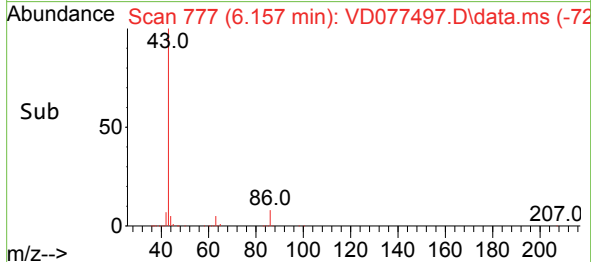
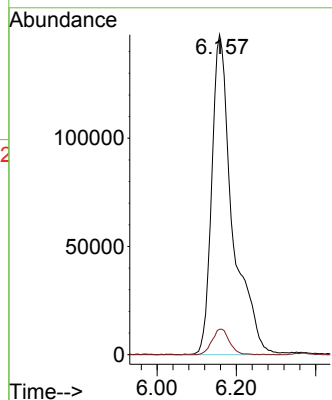


#23
 Vinyl Acetate
 Concen: 109.529 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

Instrument :
 MSVOA_D
 ClientSampleId :

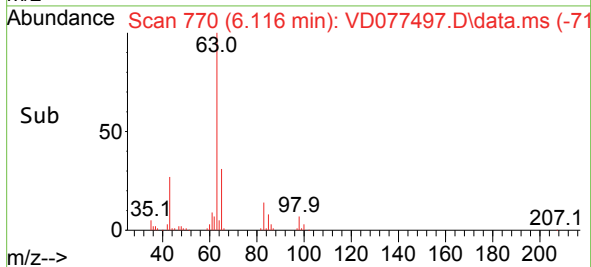
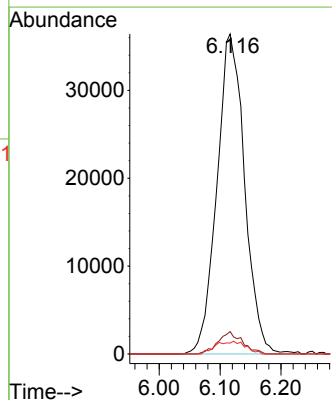
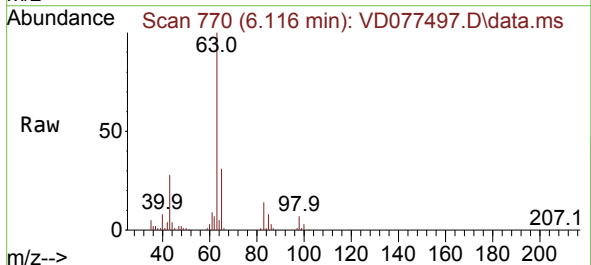


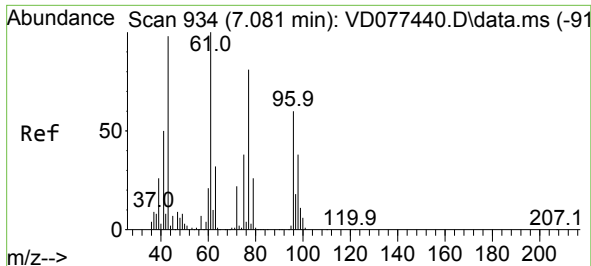
Tgt Ion: 43 Resp: 539984
 Ion Ratio Lower Upper
 43 100
 86 7.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.344 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

Tgt Ion: 63 Resp: 114702
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 3.4 2.5 7.5

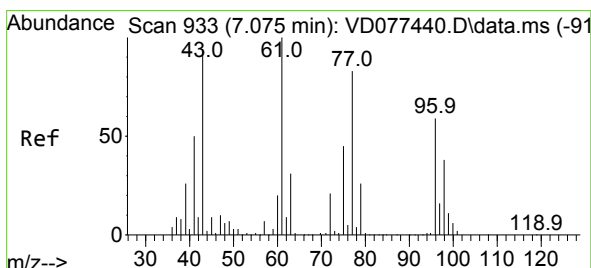
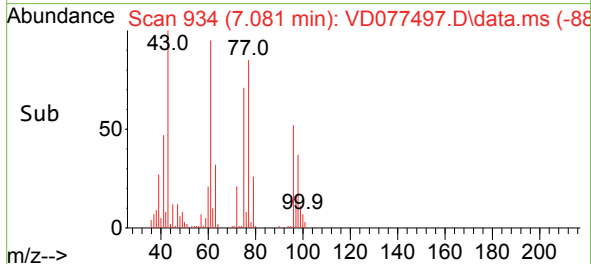
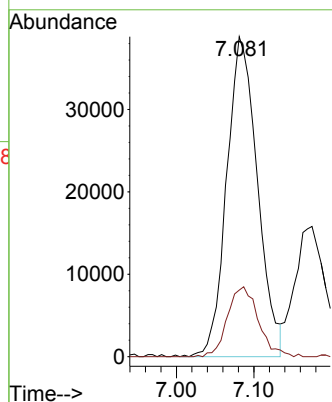
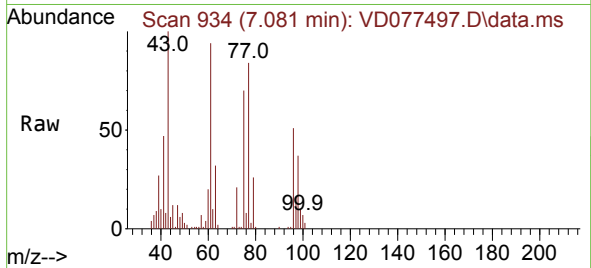




#25
2-Butanone
Concen: 96.244 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

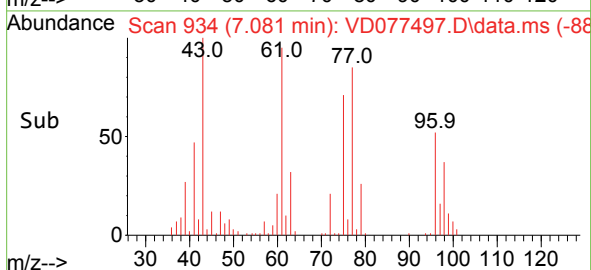
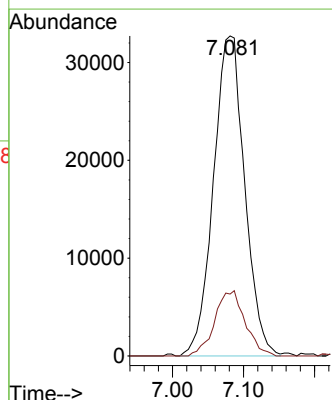
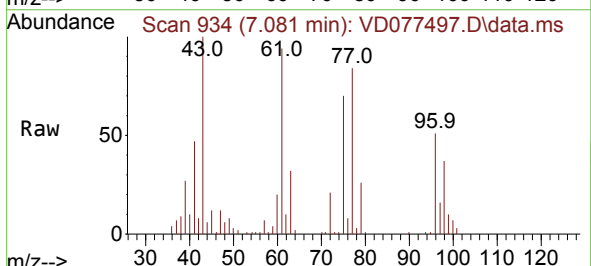
Instrument :
MSVOA_D
ClientSampleId :

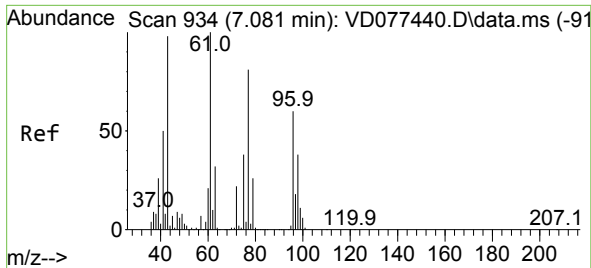
Tgt Ion: 43 Resp: 107153
Ion Ratio Lower Upper
43 100
72 20.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.011 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

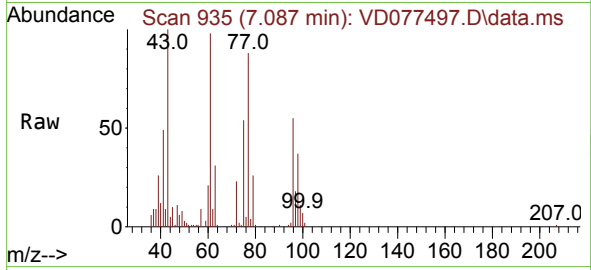
Tgt Ion: 77 Resp: 99900
Ion Ratio Lower Upper
77 100
97 19.9 13.2 39.6



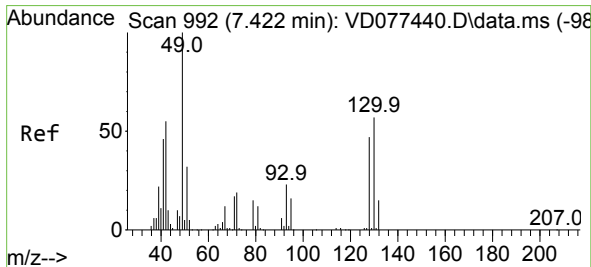
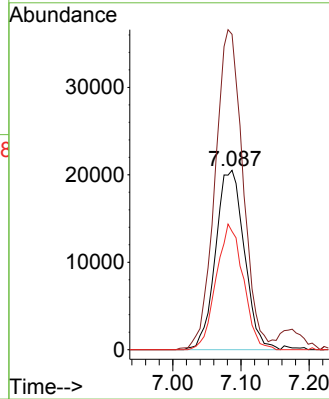
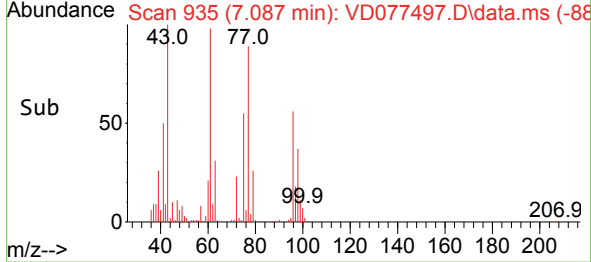


#27
 cis-1,2-Dichloroethene
 Concen: 18.755 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

Instrument :
 MSVOA_D
 ClientSampleId :

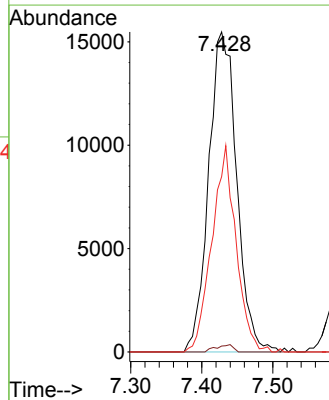
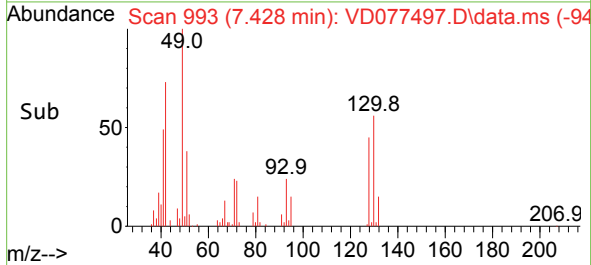
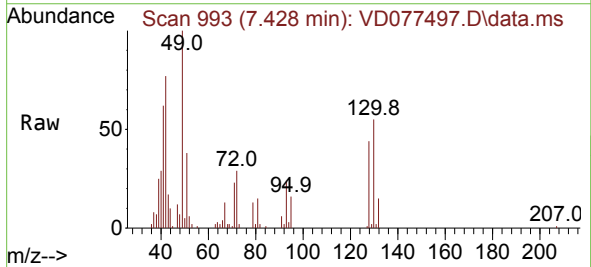


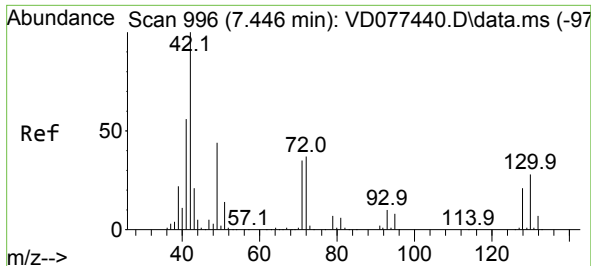
Tgt Ion: 96 Resp: 60313
 Ion Ratio Lower Upper
 96 100
 61 172.4 0.0 239.2
 98 66.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 17.190 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

Tgt Ion: 49 Resp: 42333
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 55.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 94.489 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

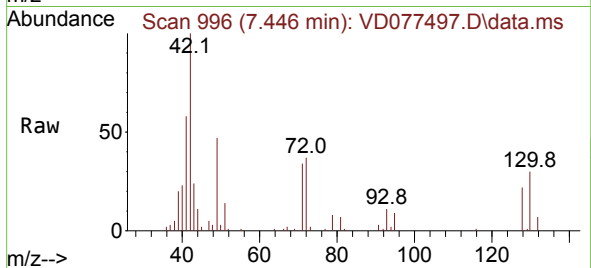
Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

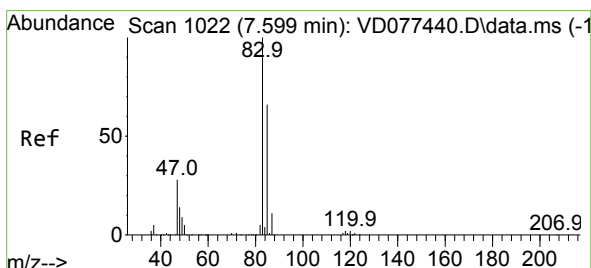
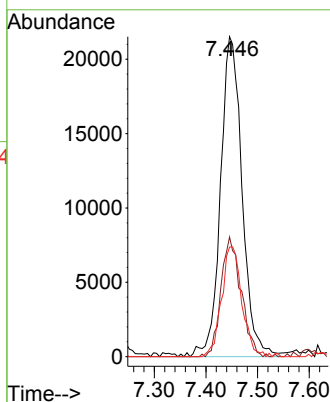
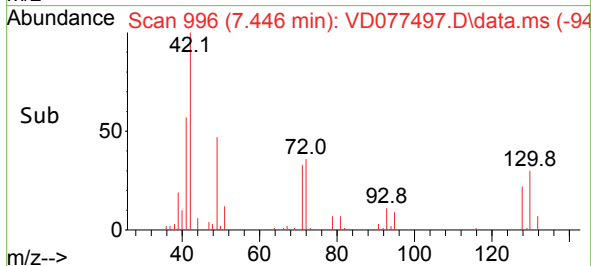
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	62392
Ion Ratio	Lower	Upper	
42	100		
72	34.7	46.5	69.7#
71	32.3	44.5	66.7#



#30

Chloroform

Concen: 19.906 ug/l

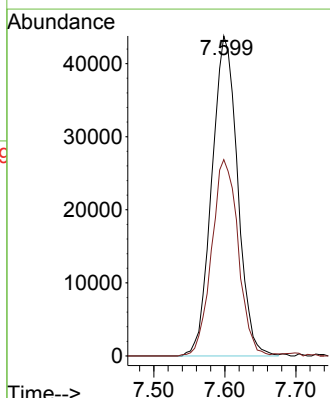
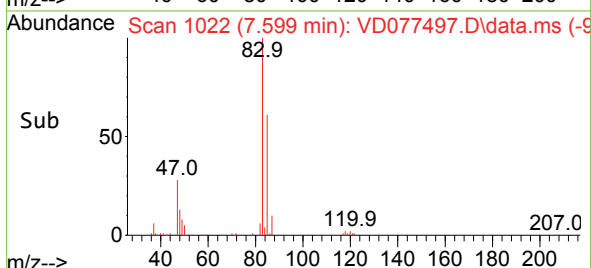
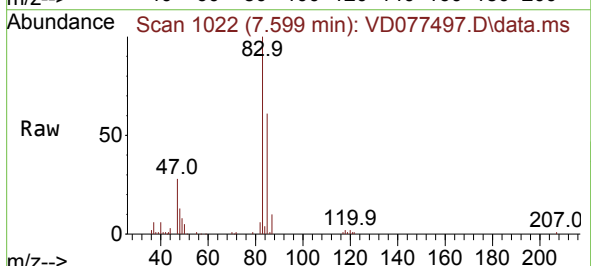
RT: 7.599 min Scan# 1022

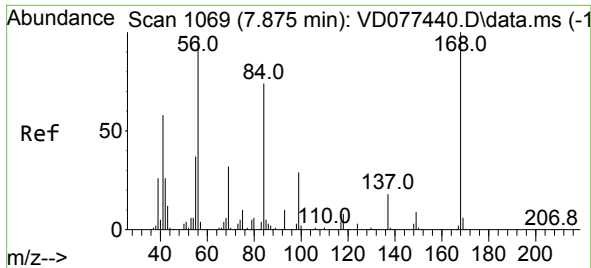
Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

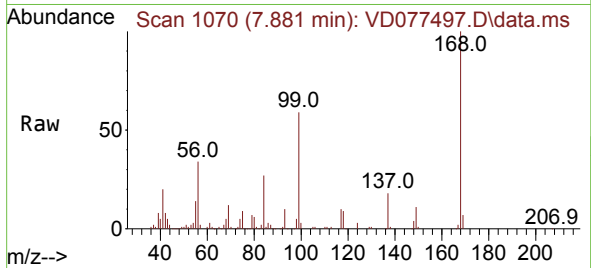
Tgt Ion:	83	Resp:	110206
Ion Ratio	Lower	Upper	
83	100		
85	61.3	53.4	80.2



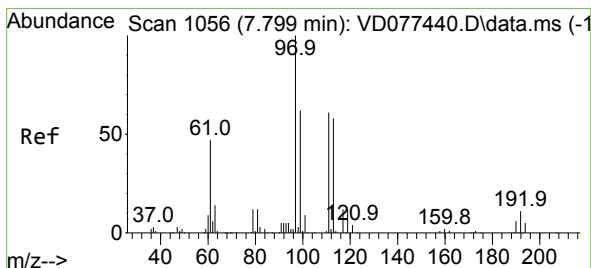
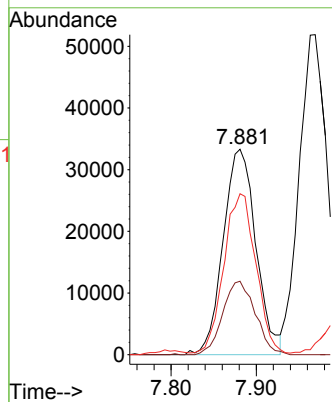
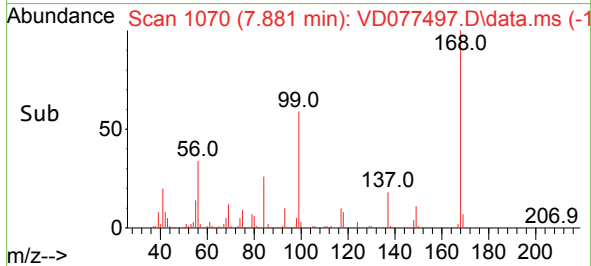


#31
Cyclohexane
Concen: 18.090 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :

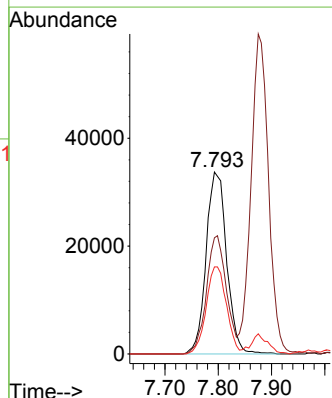
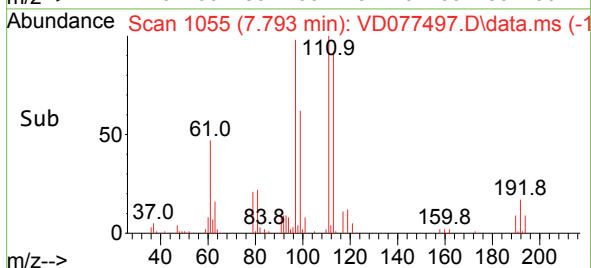
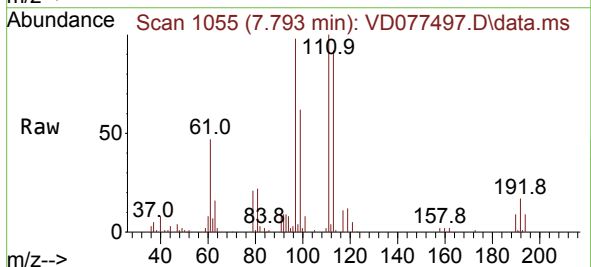


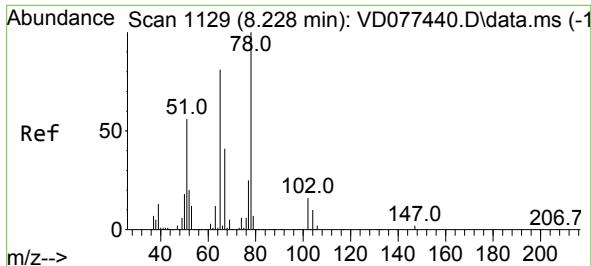
Tgt Ion: 56 Resp: 89201
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 76.9 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 19.882 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 97 Resp: 90693
Ion Ratio Lower Upper
97 100
99 62.7 52.0 78.0
61 47.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.219 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

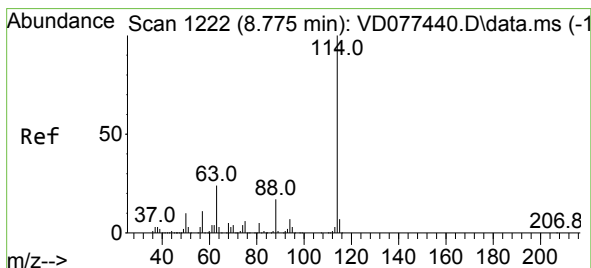
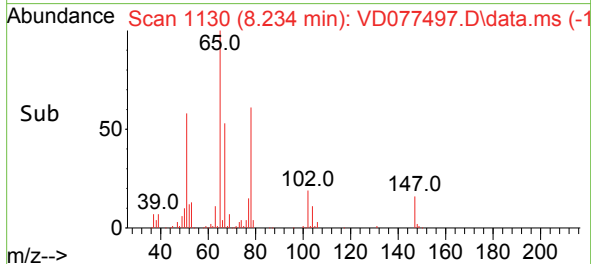
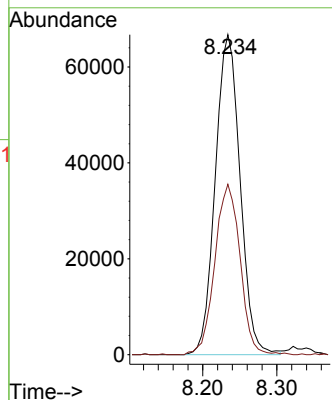
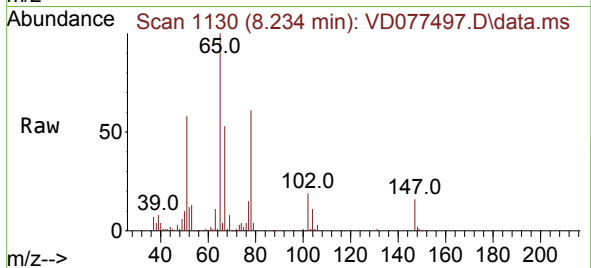
ClientSampleId :

Tgt Ion: 65 Resp: 155257

Ion Ratio Lower Upper

65 100

67 54.2 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: VD077497.D

Acq: 03 Nov 2023 11:17

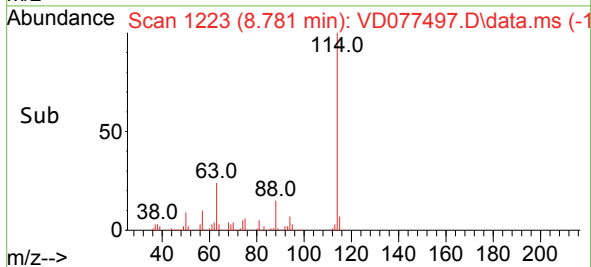
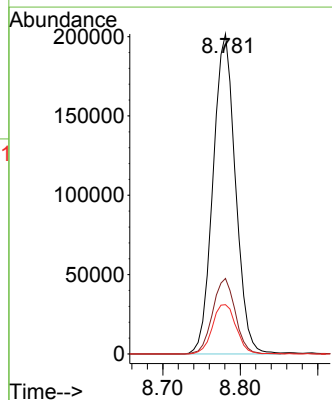
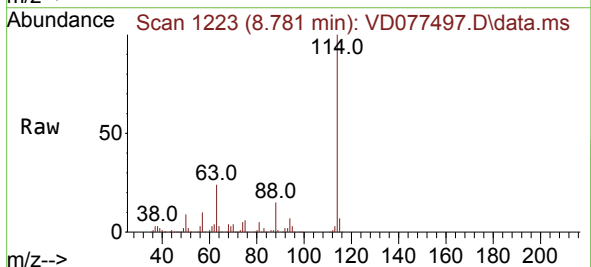
Tgt Ion: 114 Resp: 406254

Ion Ratio Lower Upper

114 100

63 23.6 0.0 33.4

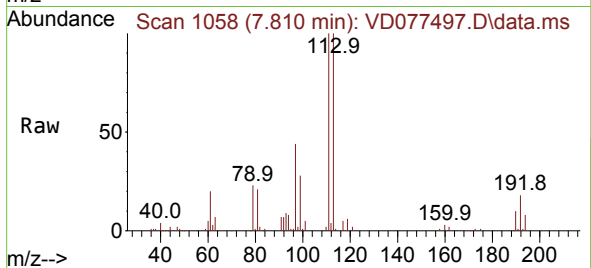
88 15.4 0.0 26.2



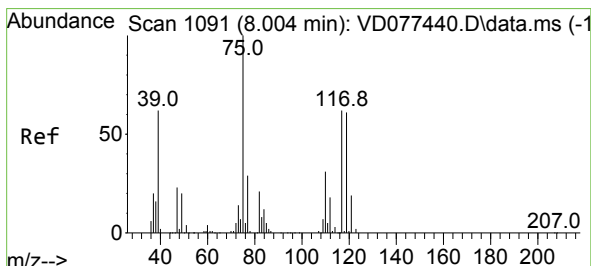
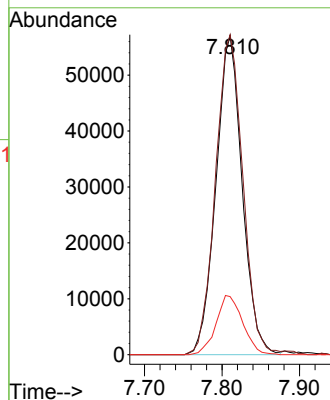
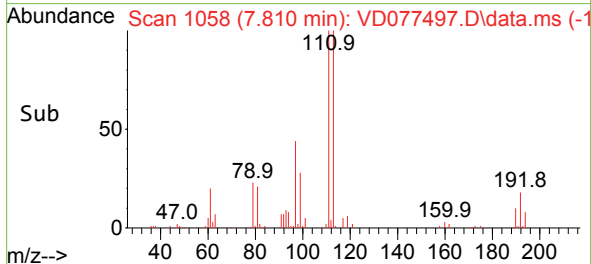


#35
Dibromofluoromethane
Concen: 47.776 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :

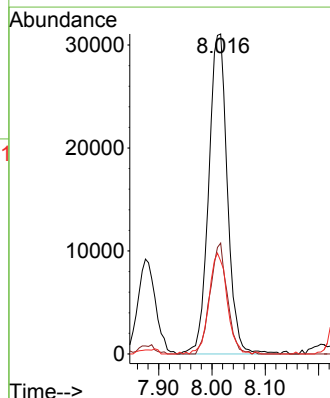
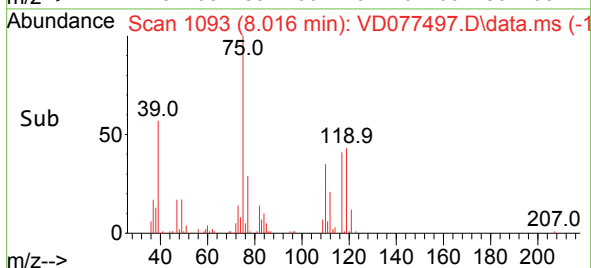
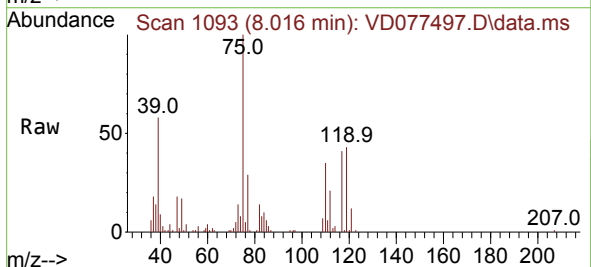


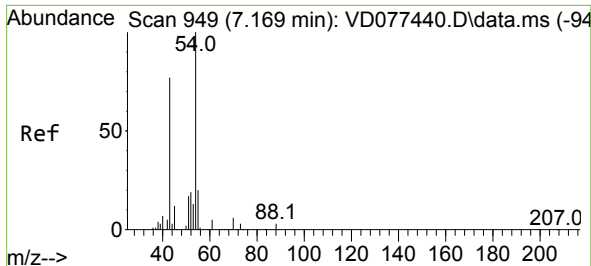
Tgt Ion:113 Resp: 134150
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 18.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.154 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 75 Resp: 75578
Ion Ratio Lower Upper
75 100
110 31.8 19.9 59.6
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 17.807 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

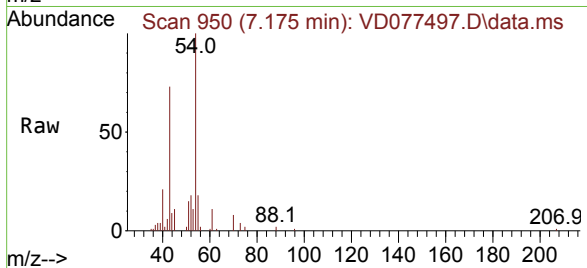
Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

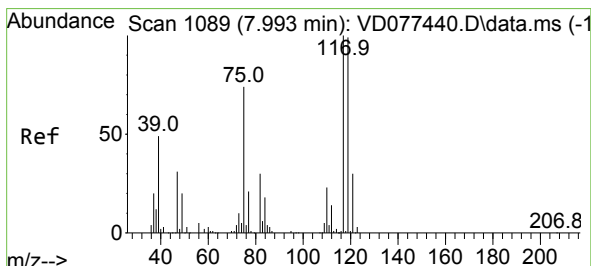
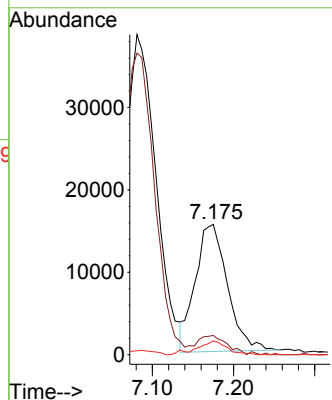
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 42544
Ion Ratio	Lower Upper
43	100
61	12.6 14.9 22.3#
70	9.8 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 18.851 ug/l

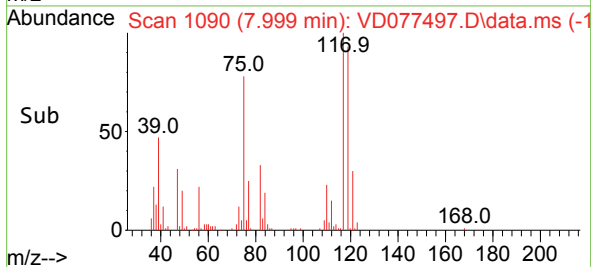
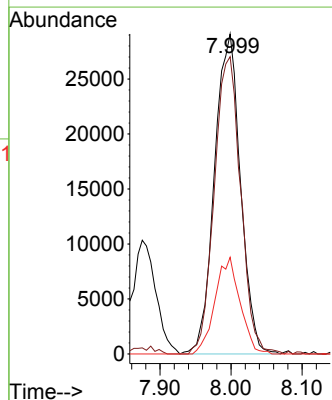
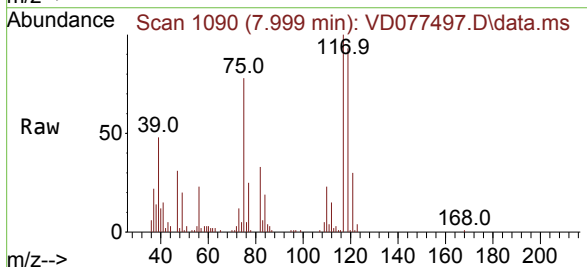
RT: 7.999 min Scan# 1090

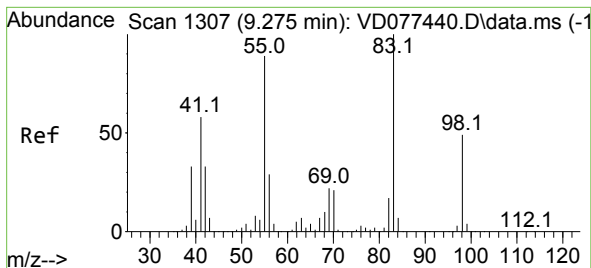
Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Tgt Ion: 117	Resp: 73954
Ion Ratio	Lower Upper
117	100
119	92.9 78.0 117.0
121	30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 17.144 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

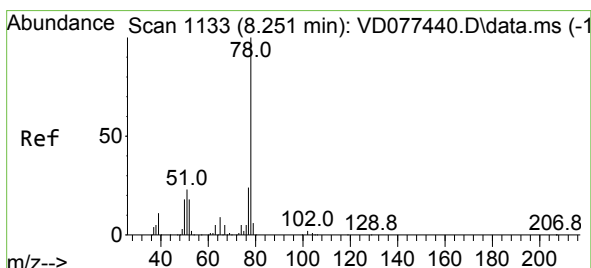
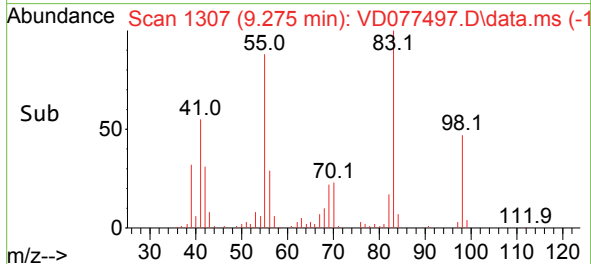
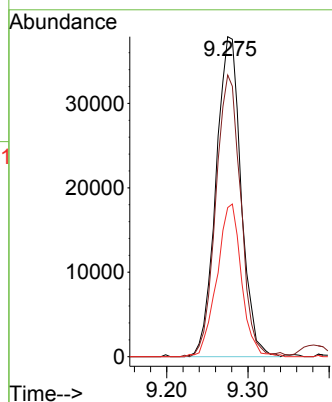
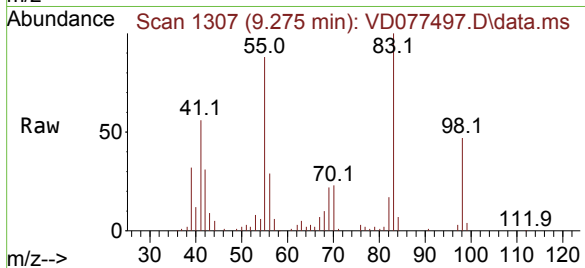
Tgt Ion: 83 Resp: 81437

Ion Ratio Lower Upper

83 100

55 88.0 49.4 74.0#

98 46.6 38.4 57.6



#40

Benzene

Concen: 18.907 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077497.D

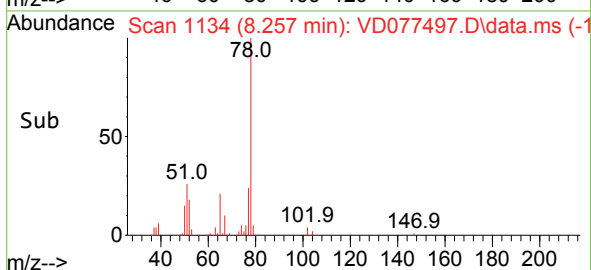
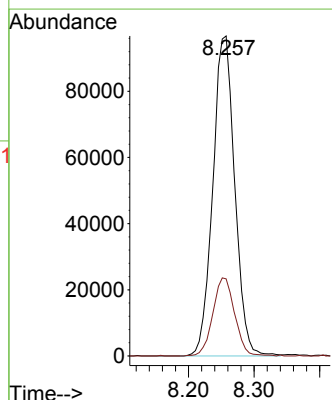
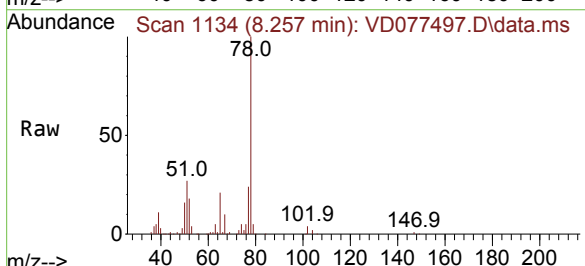
Acq: 03 Nov 2023 11:17

Tgt Ion: 78 Resp: 224454

Ion Ratio Lower Upper

78 100

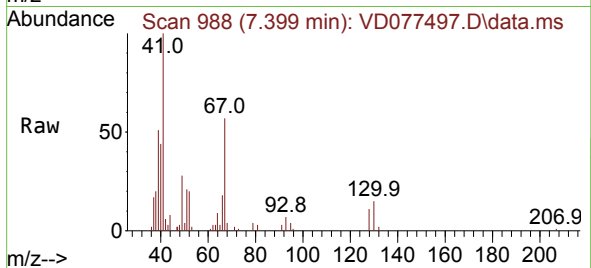
77 24.1 19.4 29.0



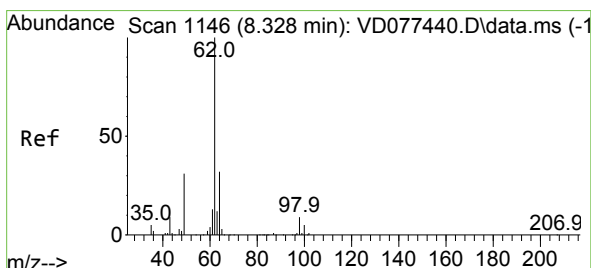
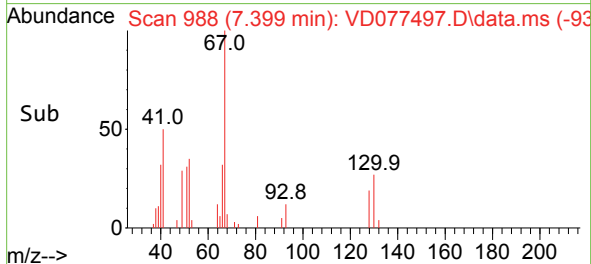
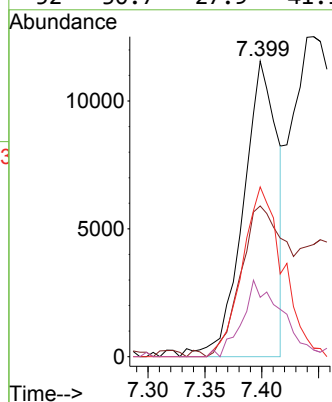


#41
Methacrylonitrile
Concen: 15.775 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :

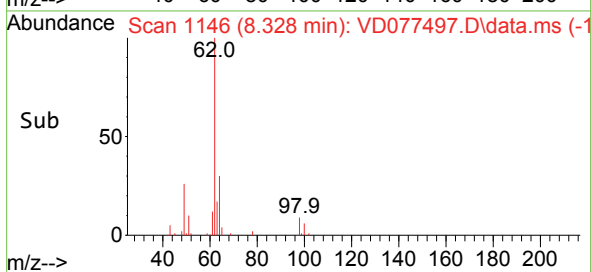
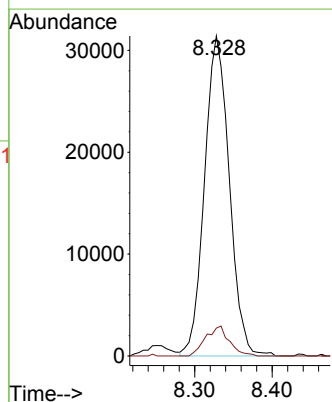
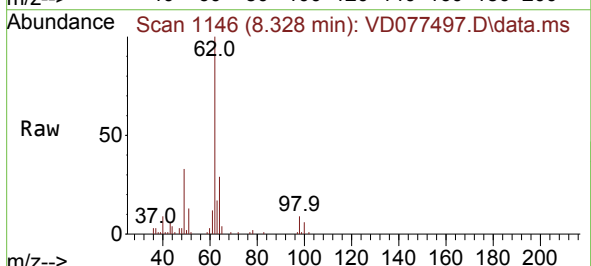


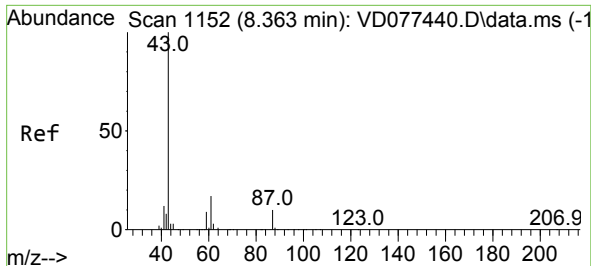
Tgt Ion: 41 Resp: 24115
Ion Ratio Lower Upper
41 100
39 67.8 34.0 51.0#
67 68.3 77.0 115.4#
52 30.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 18.551 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

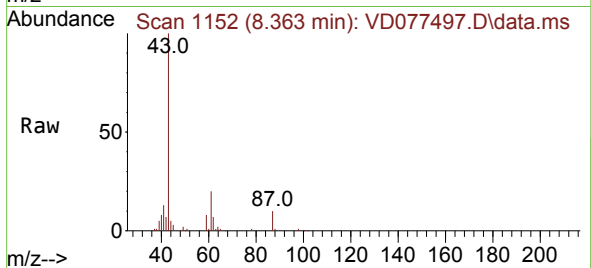
Tgt Ion: 62 Resp: 69749
Ion Ratio Lower Upper
62 100
98 8.9 0.0 25.4



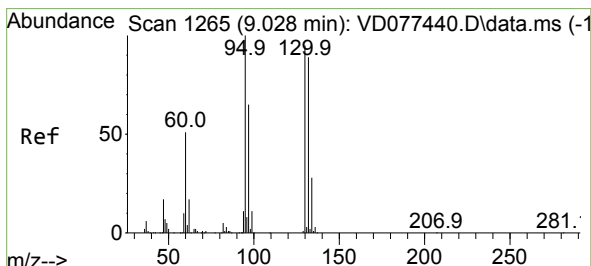
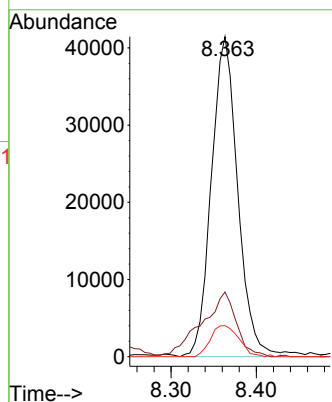
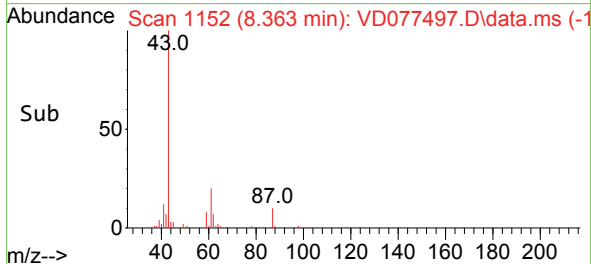


#43
Isopropyl Acetate
Concen: 18.013 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :

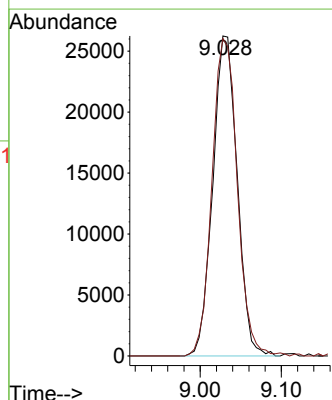
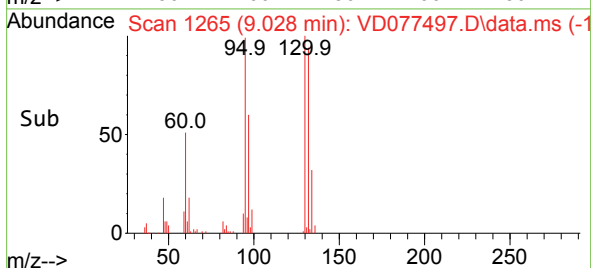
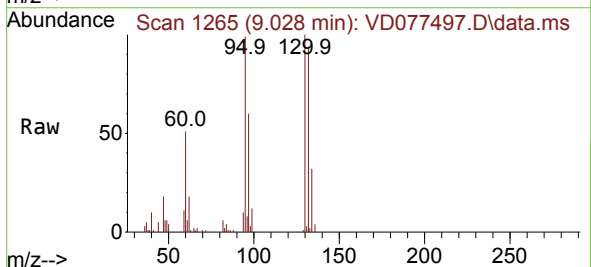


Tgt Ion: 43 Resp: 88811
Ion Ratio Lower Upper
43 100
61 26.6 31.4 47.0#
87 10.4 14.9 22.3#



#44
Trichloroethene
Concen: 18.879 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion:130 Resp: 54899
Ion Ratio Lower Upper
130 100
95 99.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.327 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

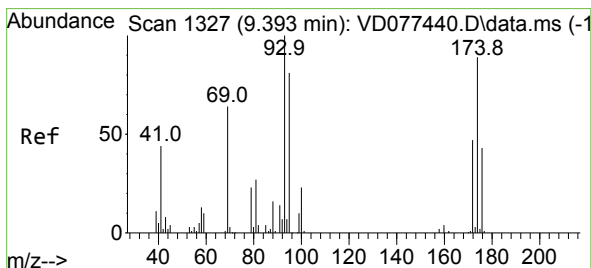
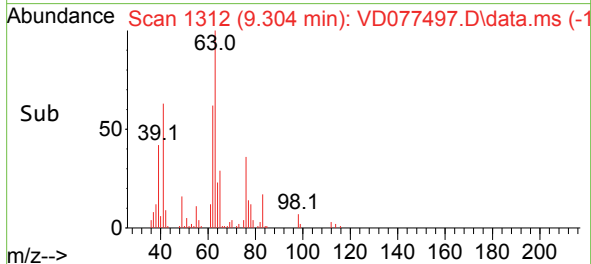
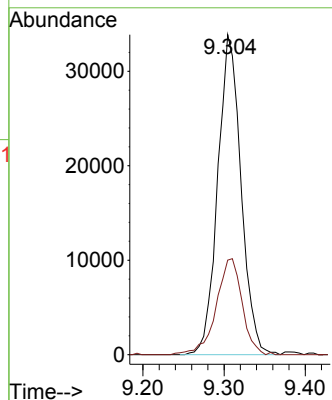
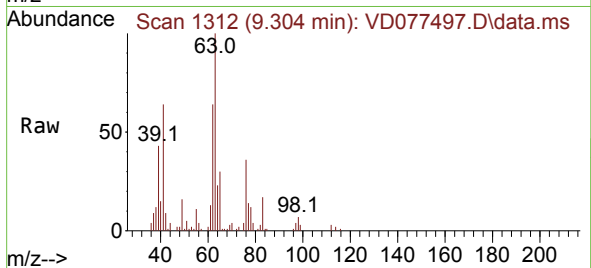
ClientSampleId :

Tgt Ion: 63 Resp: 67548

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7



#46

Dibromomethane

Concen: 18.149 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

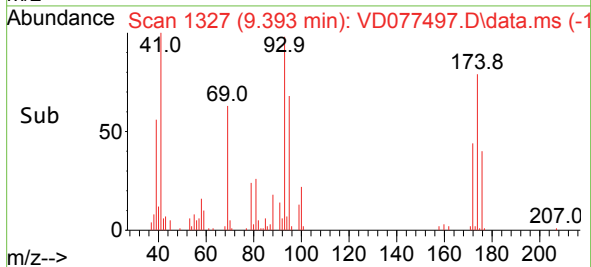
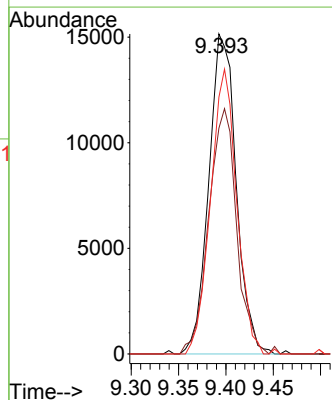
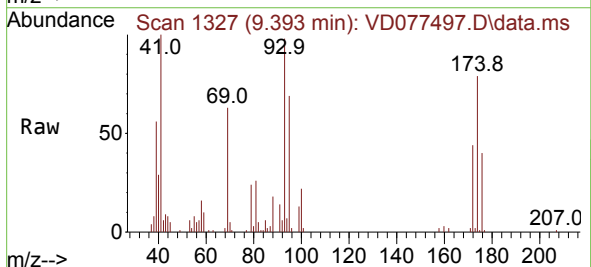
Tgt Ion: 93 Resp: 30525

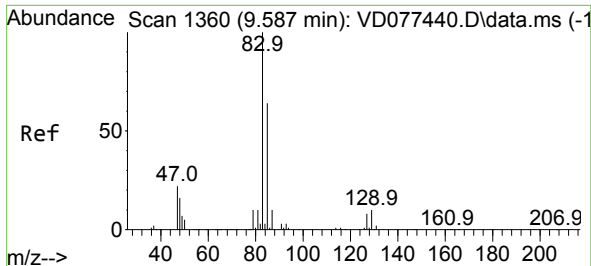
Ion Ratio Lower Upper

93 100

95 77.7 67.7 101.5

174 85.1 85.4 128.2#

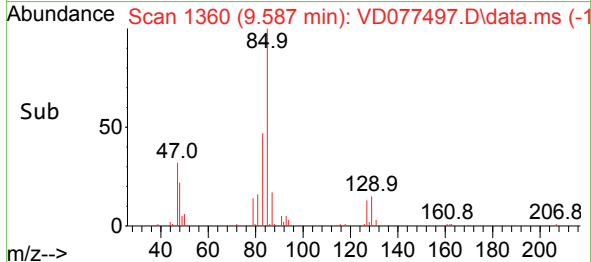
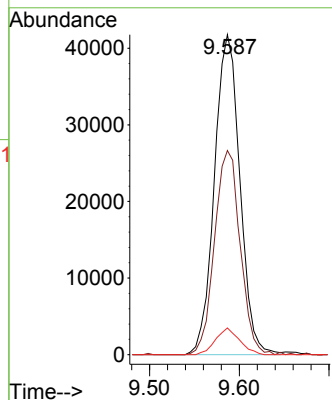
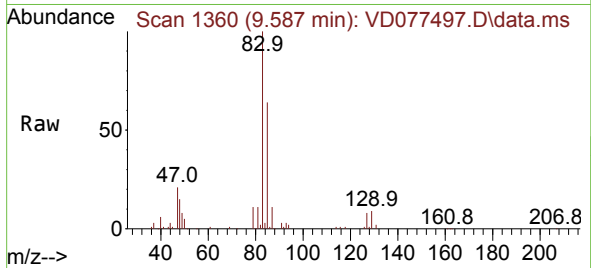




#47
Bromodichloromethane
Concen: 18.500 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

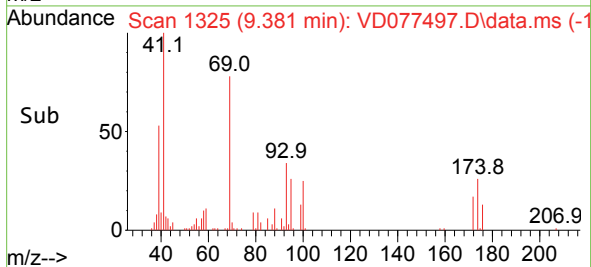
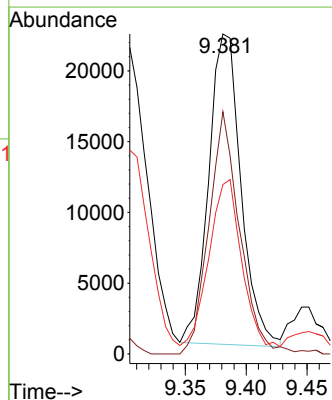
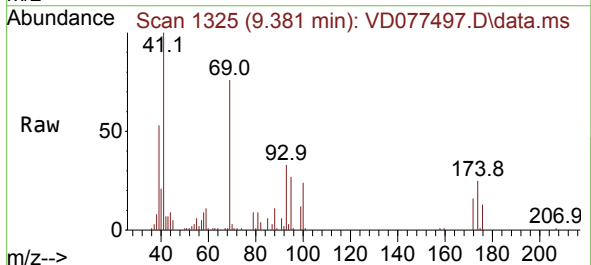
Instrument :
MSVOA_D
ClientSampleId :

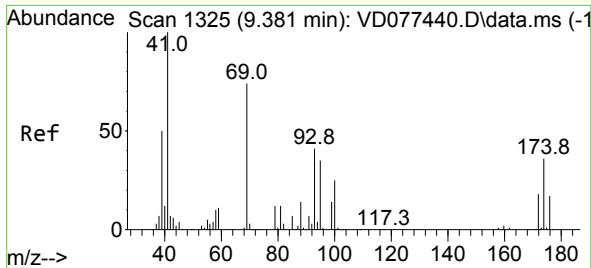
Tgt Ion: 83 Resp: 82245
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 17.182 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 41 Resp: 40436
Ion Ratio Lower Upper
41 100
69 75.0 102.2 153.2#
39 59.1 41.4 62.2





#49

1,4-Dioxane

Concen: 373.213 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

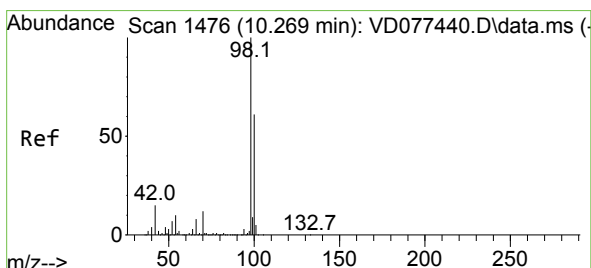
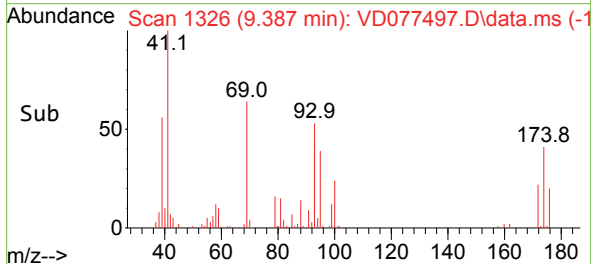
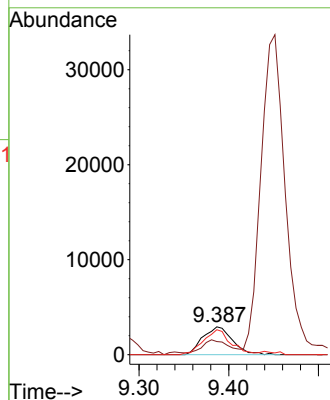
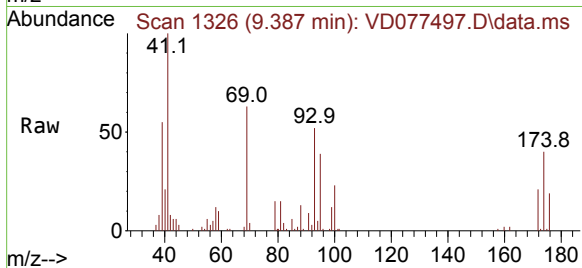
Tgt Ion: 88 Resp: 6745

Ion Ratio Lower Upper

88 100

43 38.6 19.0 28.6#

58 82.3 43.5 65.3#



#50

Toluene-d8

Concen: 51.242 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077497.D

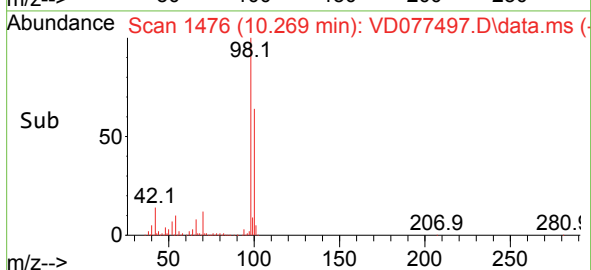
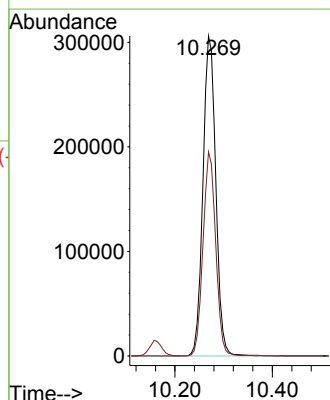
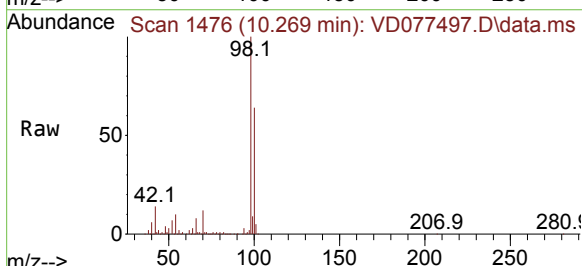
Acq: 03 Nov 2023 11:17

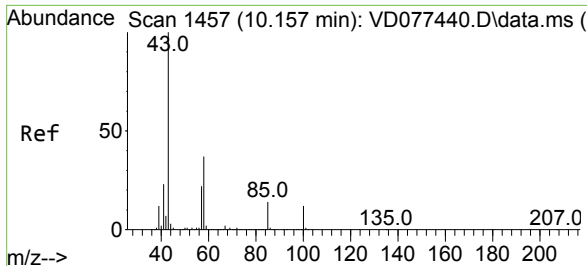
Tgt Ion: 98 Resp: 558871

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5

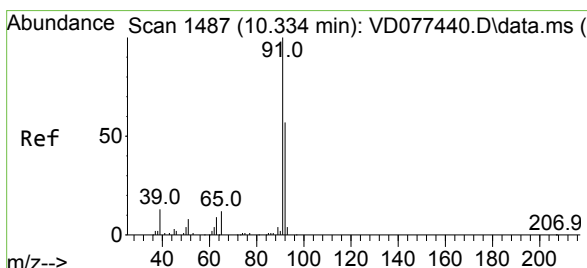
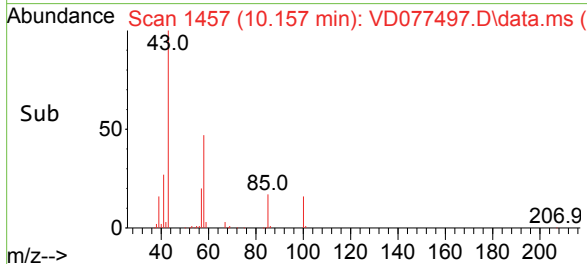
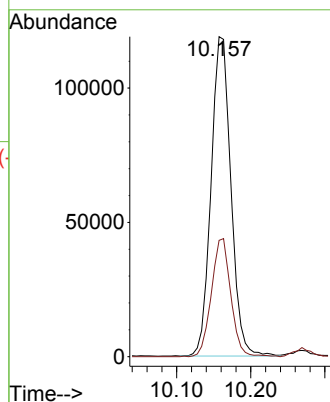
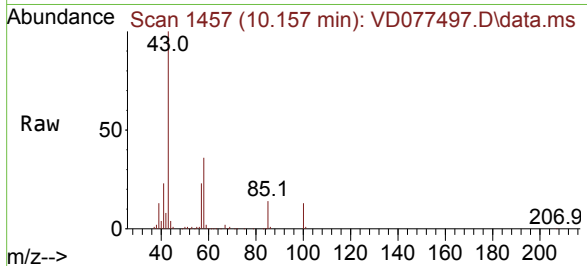




#51
4-Methyl-2-Pentanone
Concen: 91.237 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

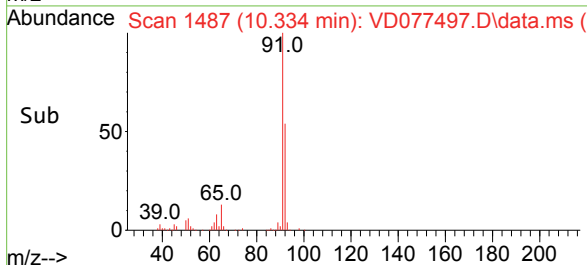
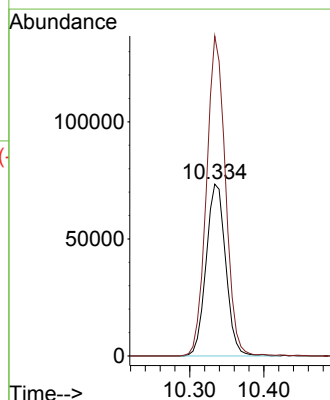
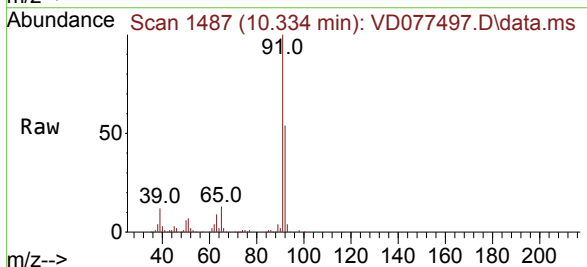
Instrument :
MSVOA_D
ClientSampleId :

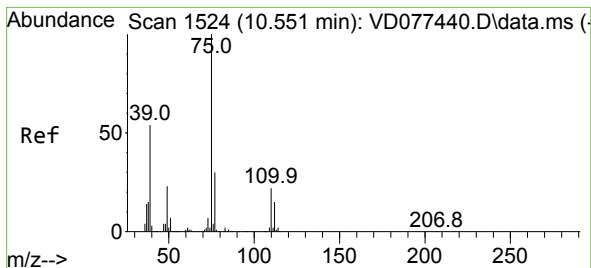
Tgt Ion: 43 Resp: 221413
Ion Ratio Lower Upper
43 100
58 36.2 38.9 58.3#



#52
Toluene
Concen: 18.615 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 92 Resp: 134713
Ion Ratio Lower Upper
92 100
91 180.4 143.0 214.4

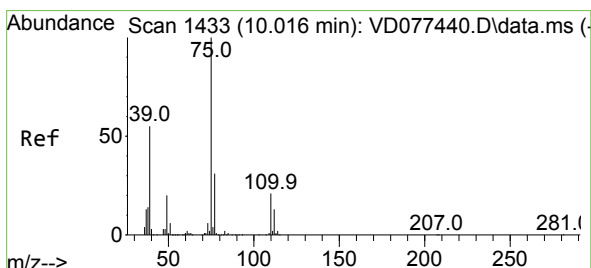
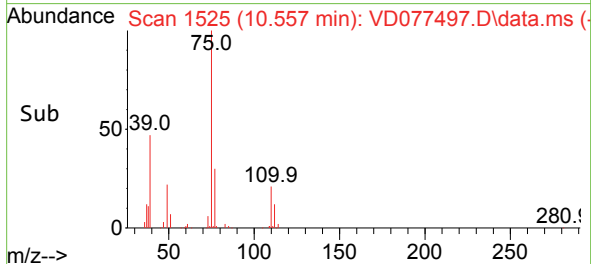
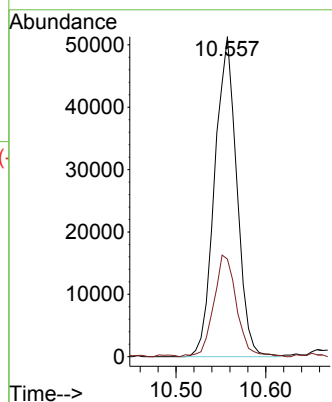
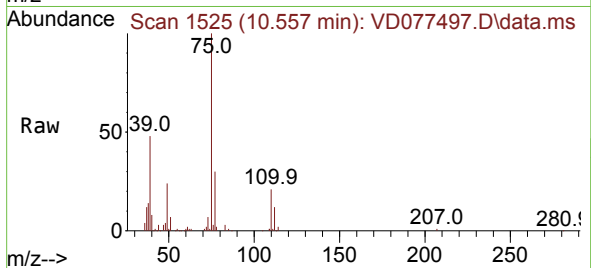




#53
 t-1,3-Dichloropropene
 Concen: 18.627 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

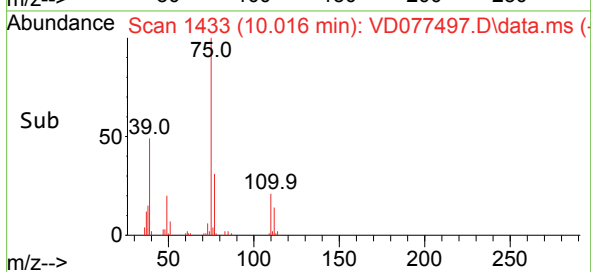
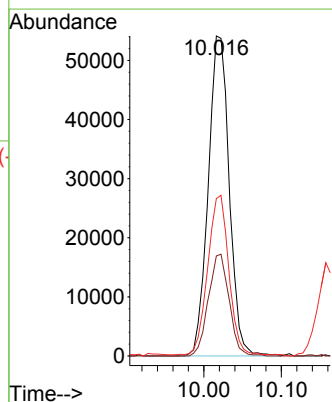
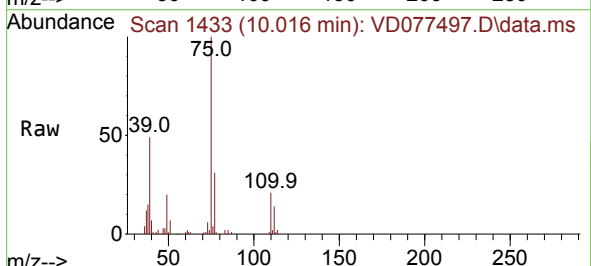
Instrument :
 MSVOA_D
 ClientSampleId :

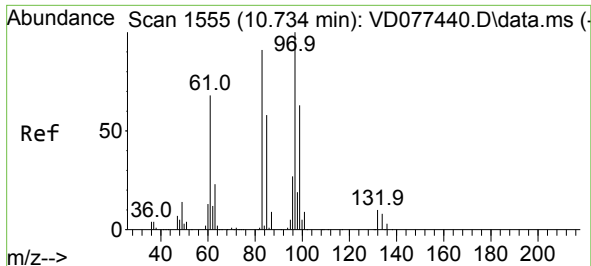
Tgt Ion: 75 Resp: 87683
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.830 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

Tgt Ion: 75 Resp: 102001
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 48.8 22.1 33.1#

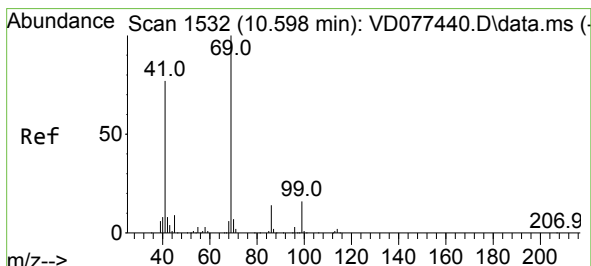
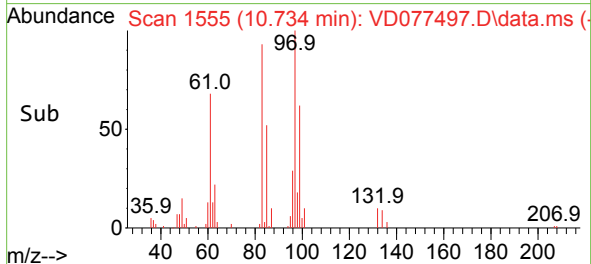
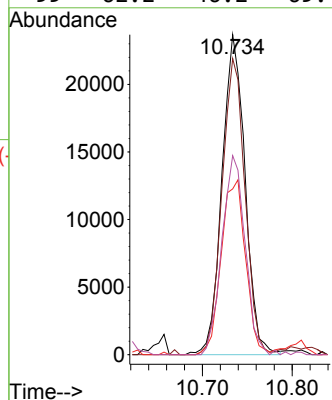
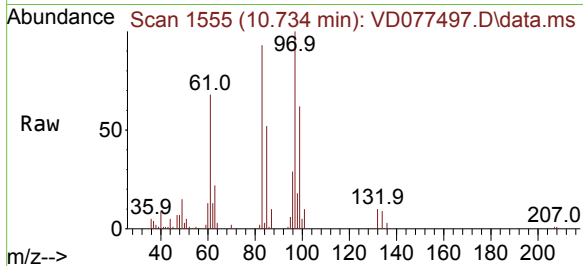




#55
1,1,2-Trichloroethane
Concen: 18.820 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

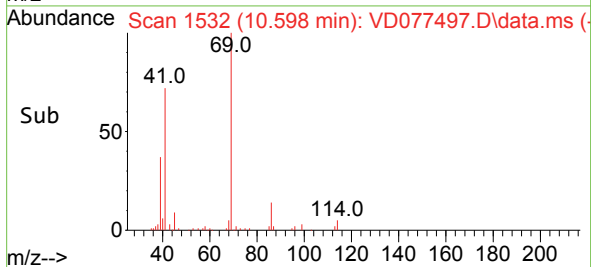
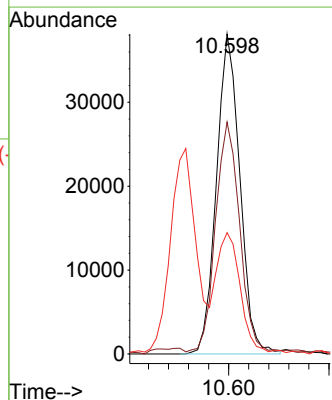
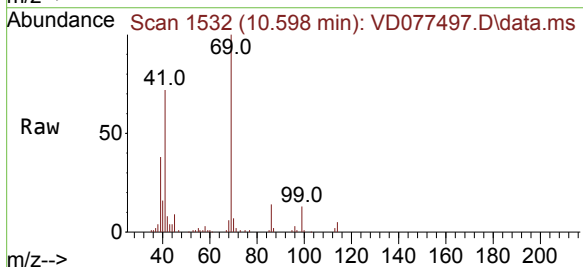
Instrument :
MSVOA_D
ClientSampleId :

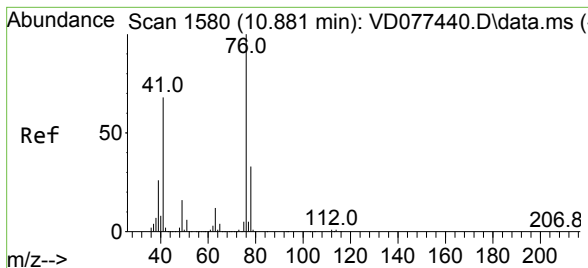
Tgt Ion:	97	Resp:	42231
Ion	Ratio	Lower	Upper
97	100		
83	92.6	65.8	98.6
85	51.8	45.7	68.5
99	62.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.550 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion:	69	Resp:	61890
Ion	Ratio	Lower	Upper
69	100		
41	74.3	39.1	58.7#
39	39.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 18.558 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

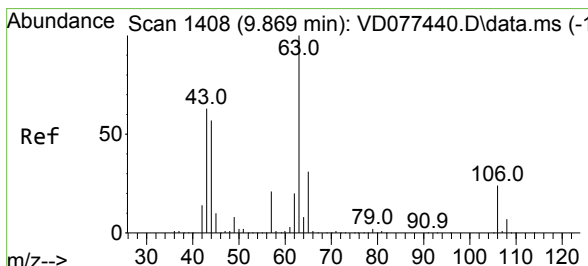
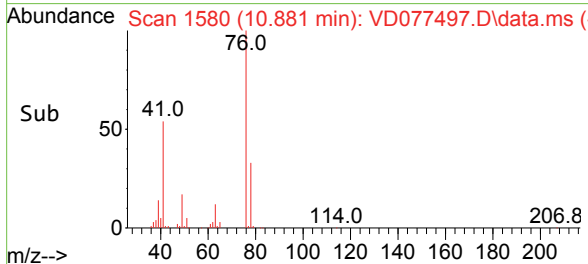
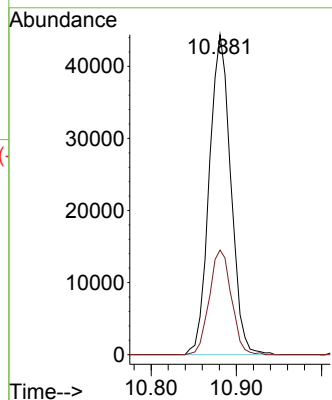
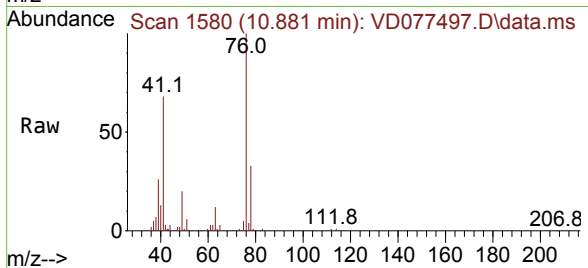
ClientSampleId :

Tgt Ion: 76 Resp: 77839

Ion Ratio Lower Upper

76 100

78 33.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 87.560 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077497.D

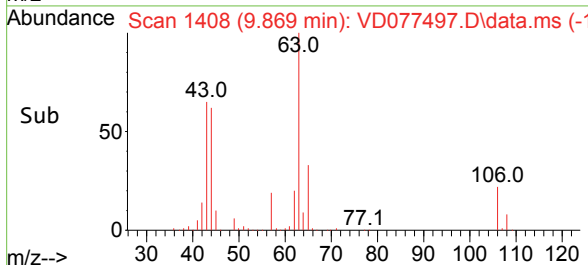
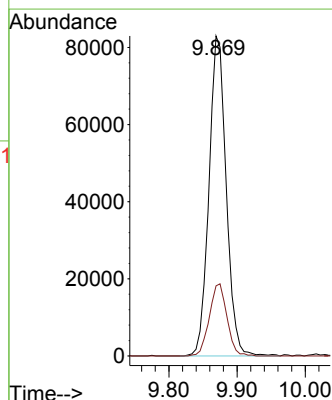
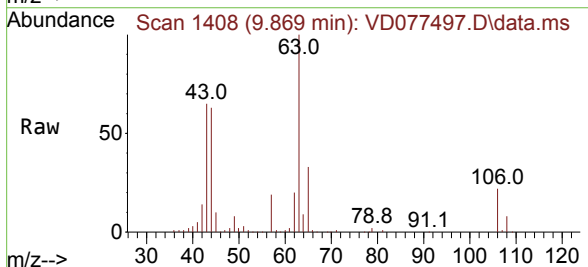
Acq: 03 Nov 2023 11:17

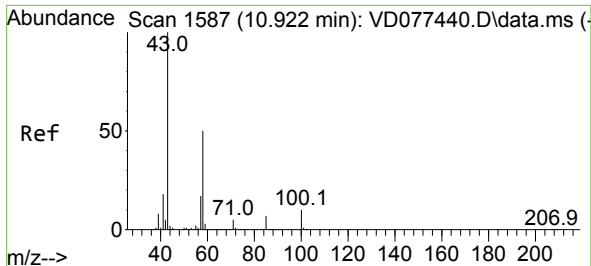
Tgt Ion: 63 Resp: 146251

Ion Ratio Lower Upper

63 100

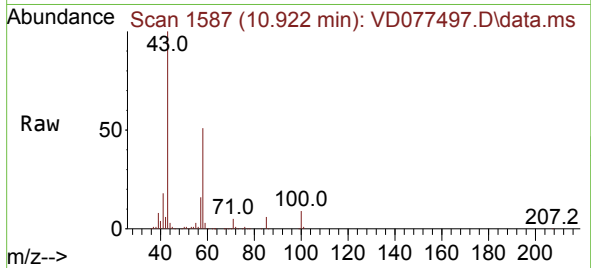
106 23.0 25.3 37.9#



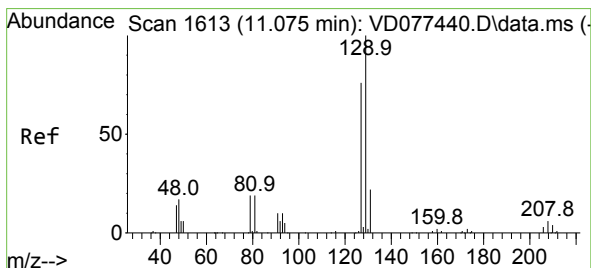
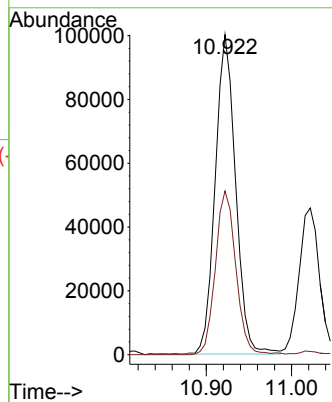
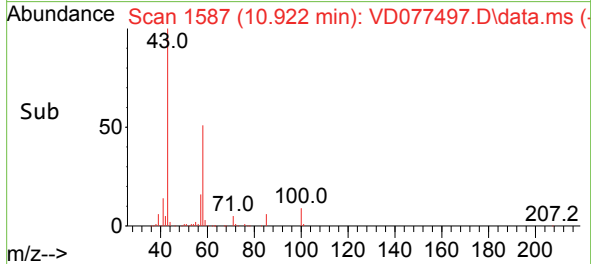


#59
2-Hexanone
Concen: 92.990 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :

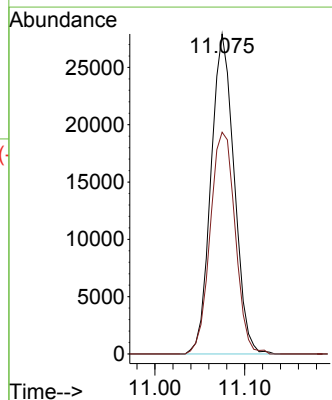
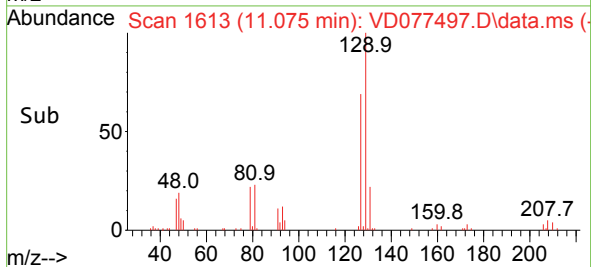
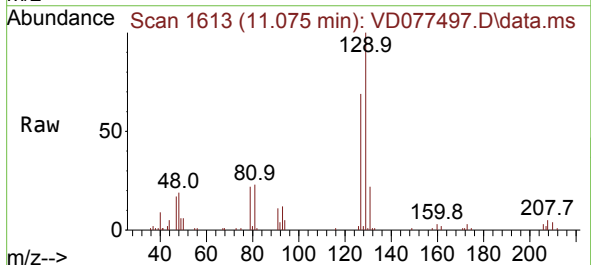


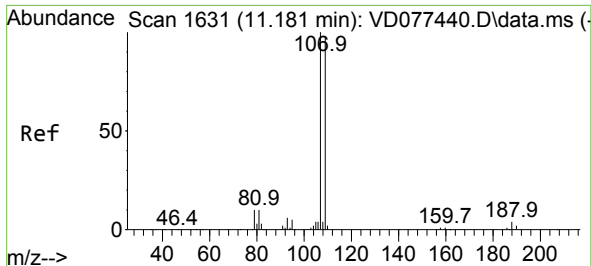
Tgt Ion: 43 Resp: 166242
Ion Ratio Lower Upper
43 100
58 51.5 34.1 102.2



#60
Dibromochloromethane
Concen: 18.587 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 129 Resp: 50154
Ion Ratio Lower Upper
129 100
127 74.4 37.1 111.5

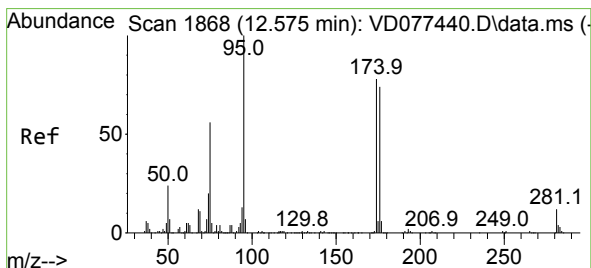
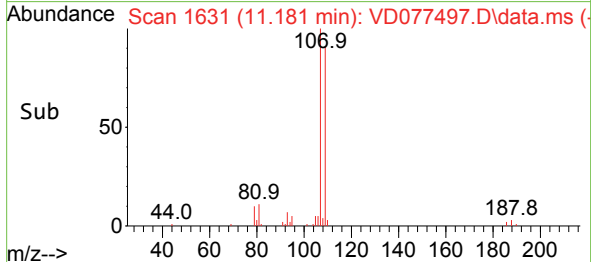
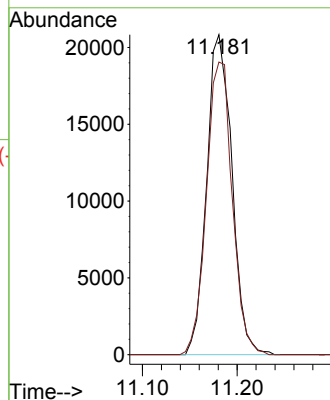
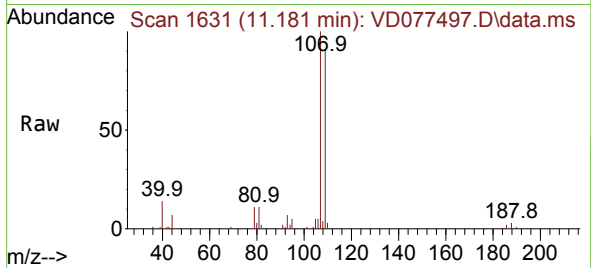




#61
1,2-Dibromoethane
Concen: 18.171 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

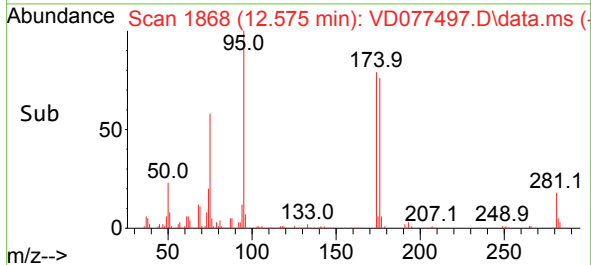
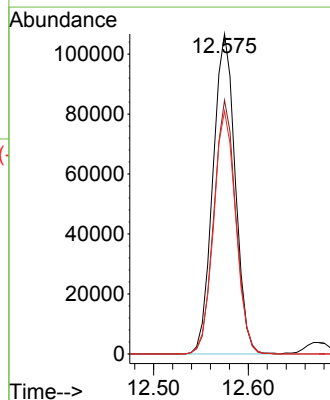
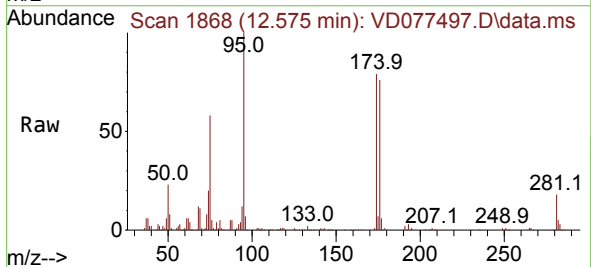
Instrument :
MSVOA_D
ClientSampleId :

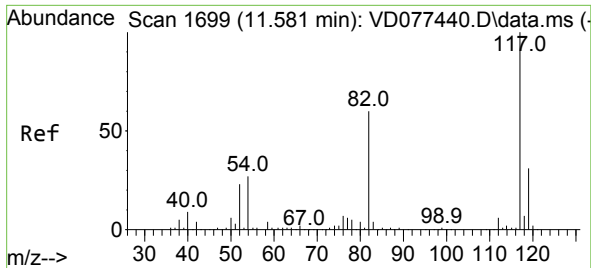
Tgt Ion:107 Resp: 38614
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.530 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 95 Resp: 174597
Ion Ratio Lower Upper
95 100
174 78.0 0.0 201.8
176 75.5 0.0 191.8

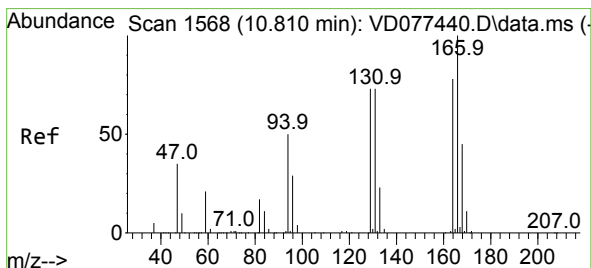
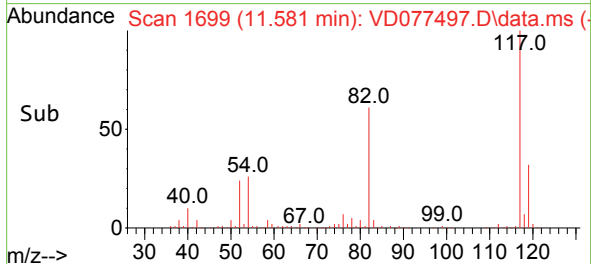
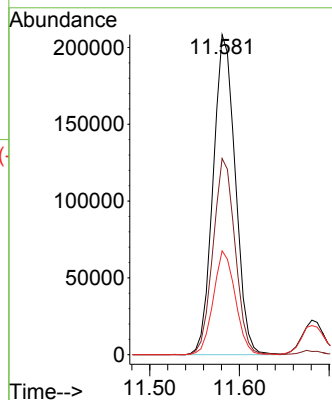
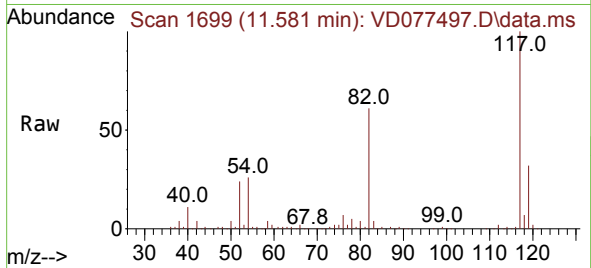




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

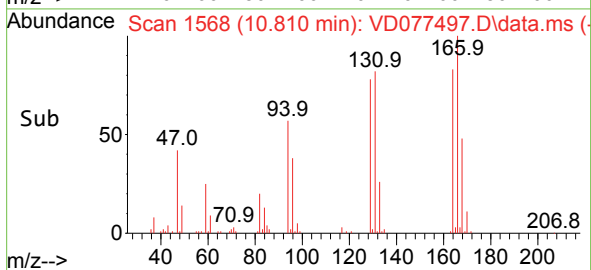
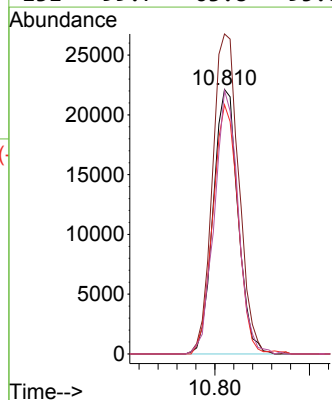
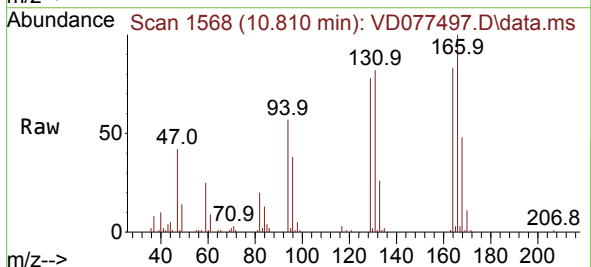
Instrument :
MSVOA_D
ClientSampleId :

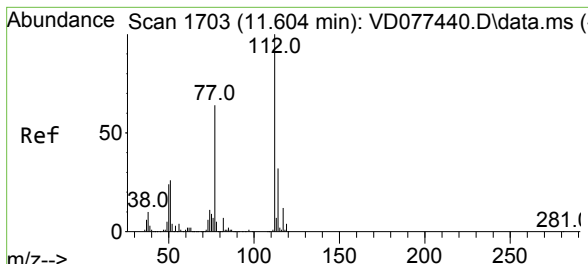
Tgt Ion:117 Resp: 357885
Ion Ratio Lower Upper
117 100
82 61.3 38.3 57.5#
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 17.600 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion:164 Resp: 40101
Ion Ratio Lower Upper
164 100
166 121.0 99.2 148.8
129 94.2 68.4 102.6
131 99.7 63.8 95.8#

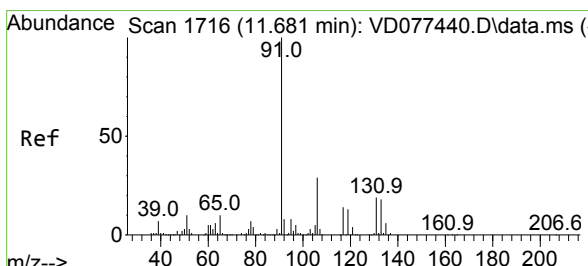
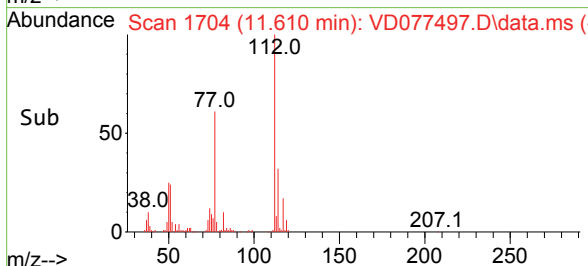
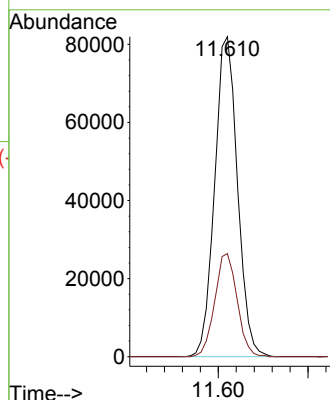
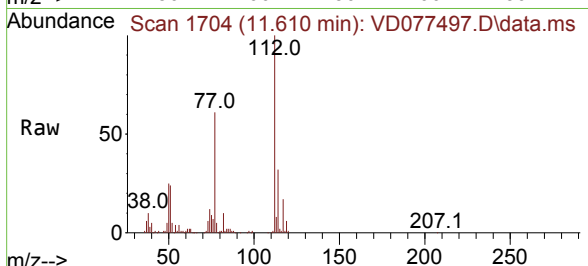




#65
Chlorobenzene
Concen: 19.286 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

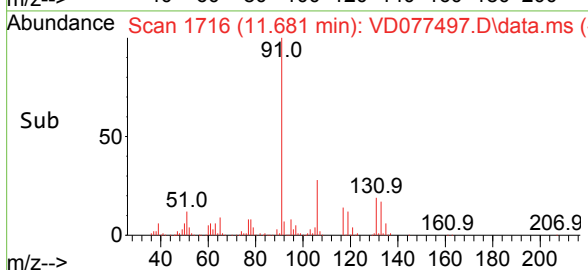
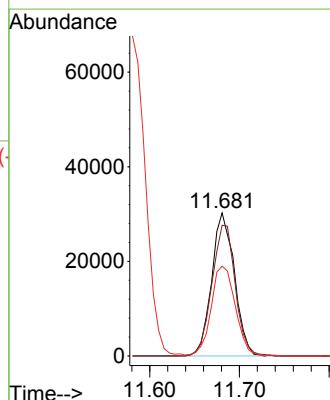
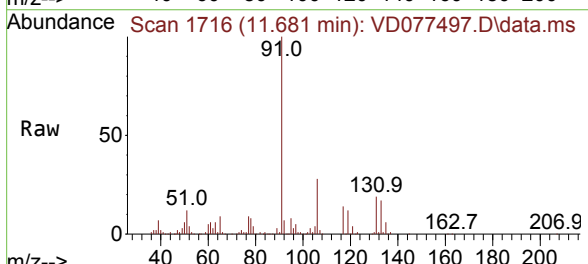
Instrument :
MSVOA_D
ClientSampleId :

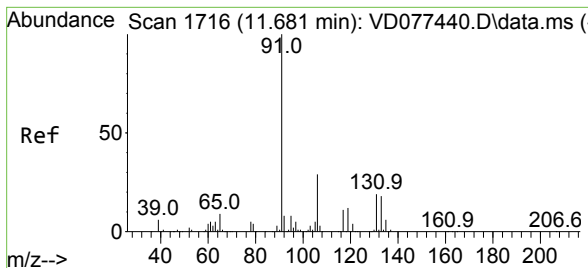
Tgt Ion:112 Resp: 144600
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.760 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion:131 Resp: 53154
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 67.0 35.6 106.9

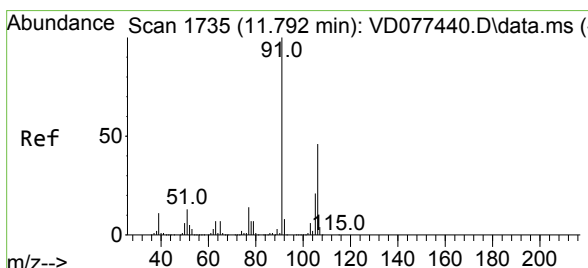
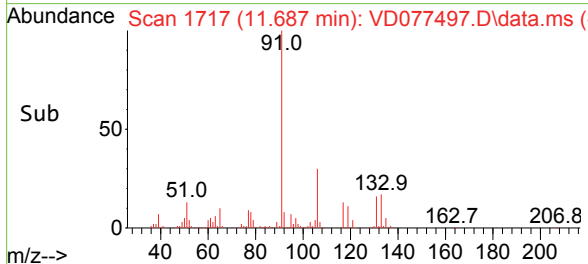
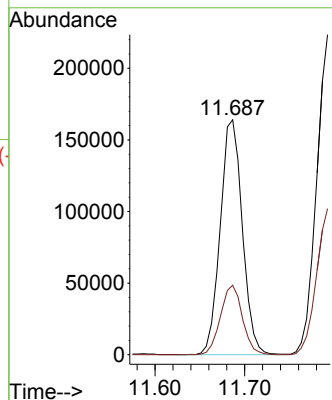
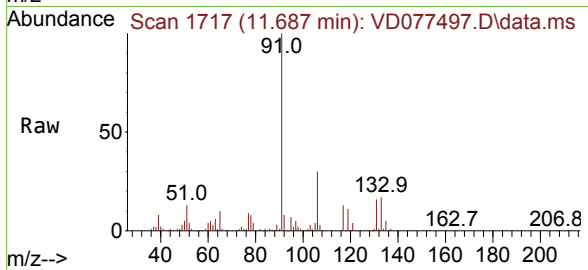




#67
Ethyl Benzene
Concen: 19.425 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

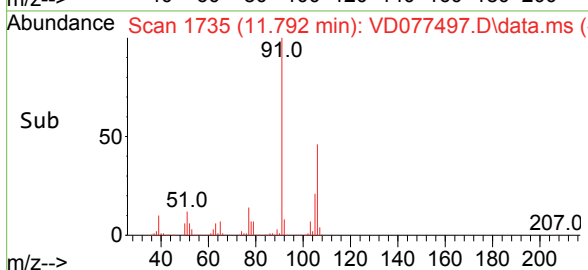
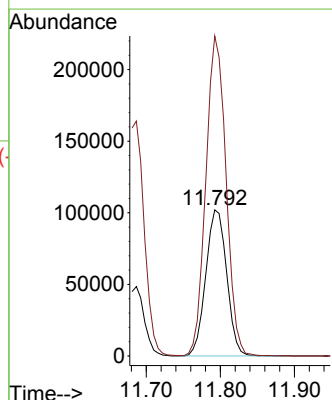
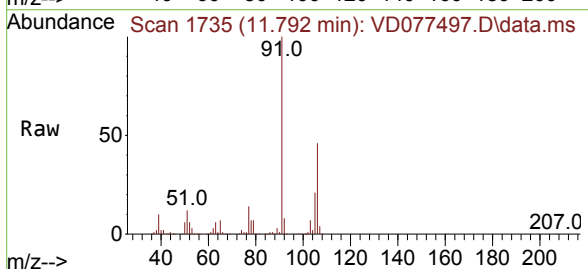
Instrument :
MSVOA_D
ClientSampleId :

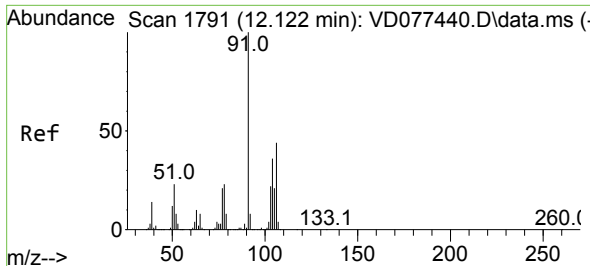
Tgt Ion: 91 Resp: 280230
Ion Ratio Lower Upper
91 100
106 29.5 26.5 39.7



#68
m/p-Xylenes
Concen: 38.360 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 106 Resp: 199834
Ion Ratio Lower Upper
106 100
91 211.5 147.0 220.6

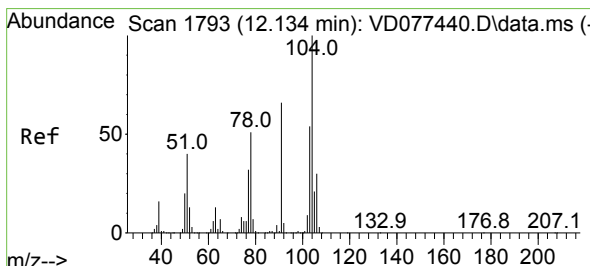
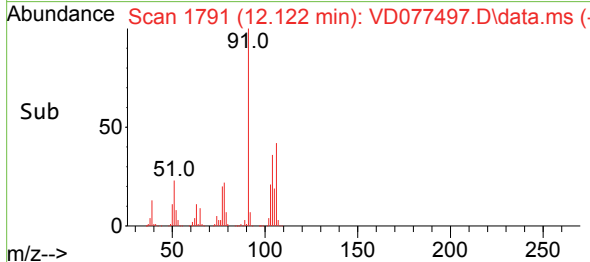
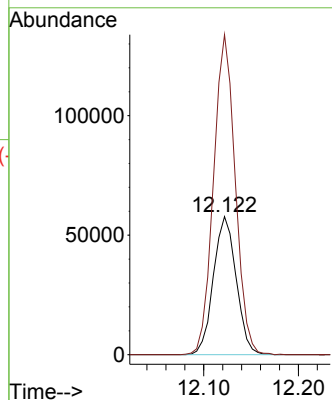
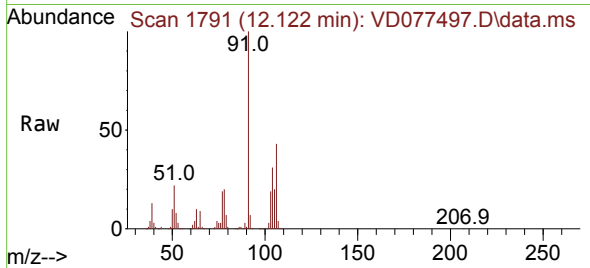




#69
o-Xylene
Concen: 19.383 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

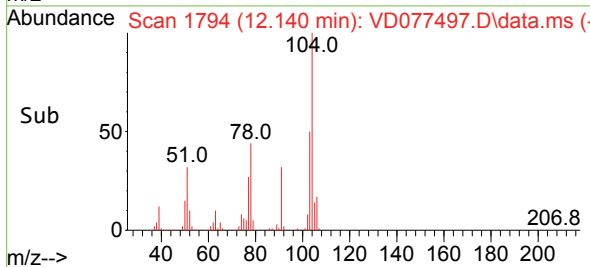
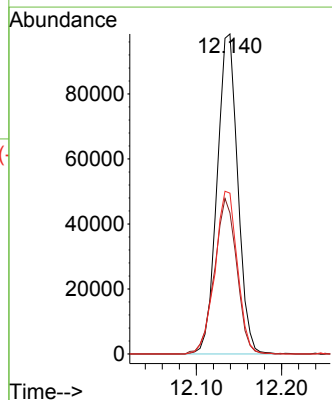
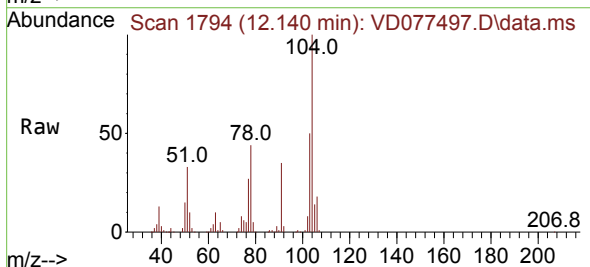
Instrument :
MSVOA_D
ClientSampleId :

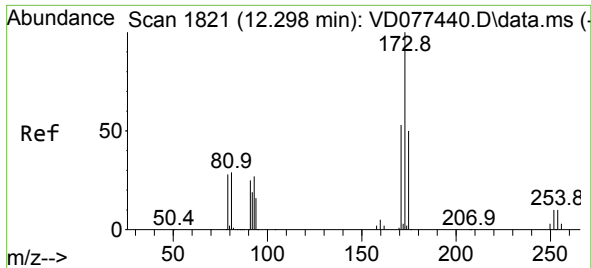
Tgt Ion:106 Resp: 96721
Ion Ratio Lower Upper
106 100
91 221.4 97.9 293.6



#70
Styrene
Concen: 19.310 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

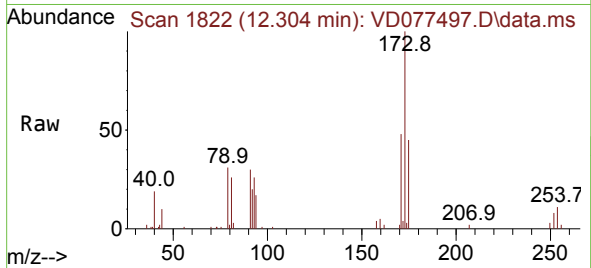
Tgt Ion:104 Resp: 166224
Ion Ratio Lower Upper
104 100
78 52.5 33.2 49.8#
103 55.2 43.6 65.4



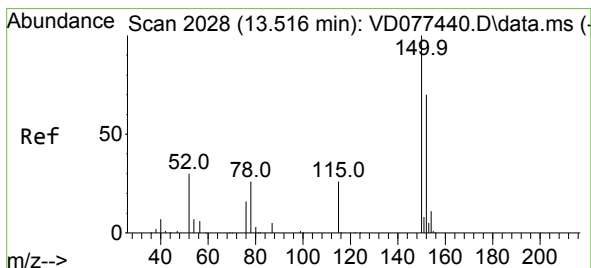
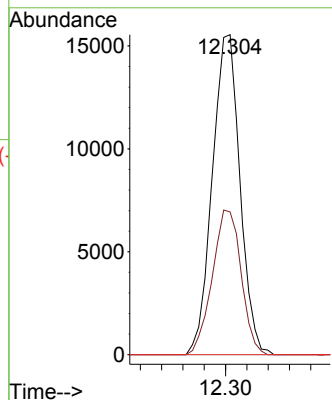
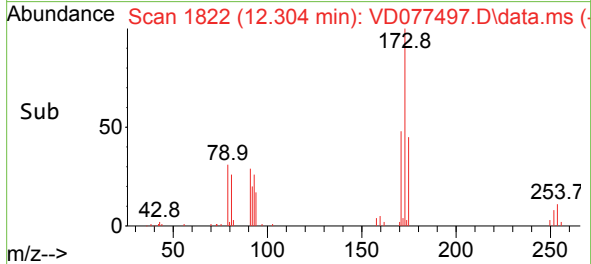


#71
Bromoform
Concen: 17.806 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

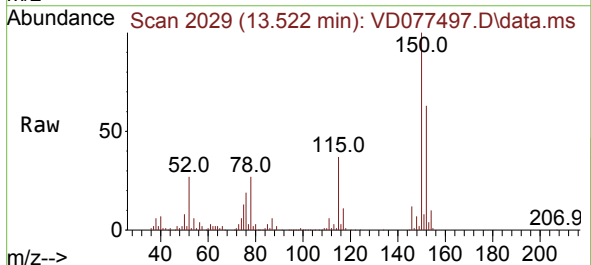
Instrument :
MSVOA_D
ClientSampleId :



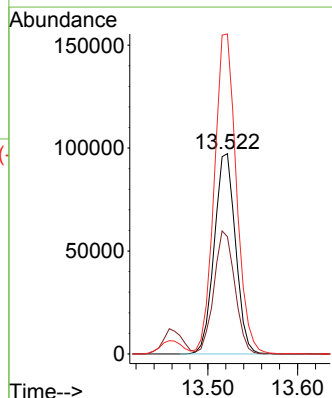
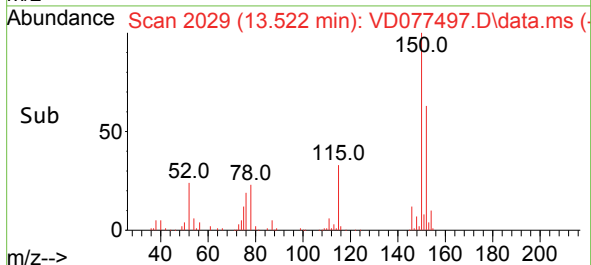
Tgt Ion:173 Resp: 27970
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.8
254 0.0 0.0 0.0

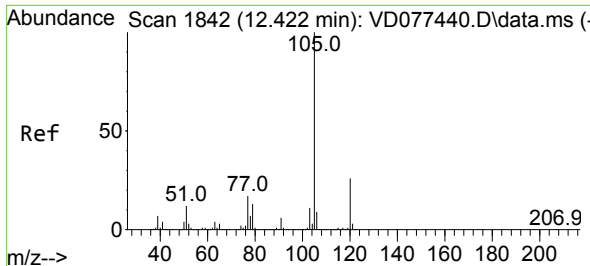


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17



Tgt Ion:152 Resp: 160142
Ion Ratio Lower Upper
152 100
115 60.4 27.1 81.3
150 165.9 0.0 353.6

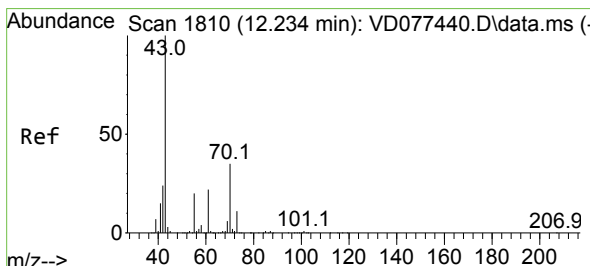
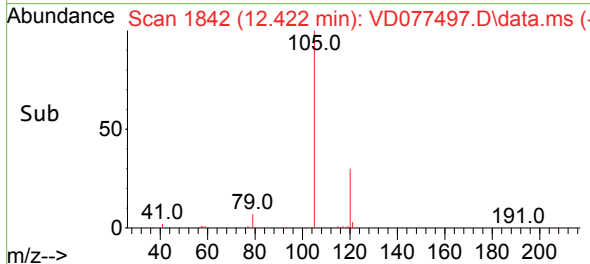
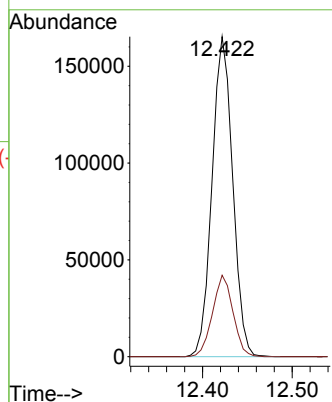
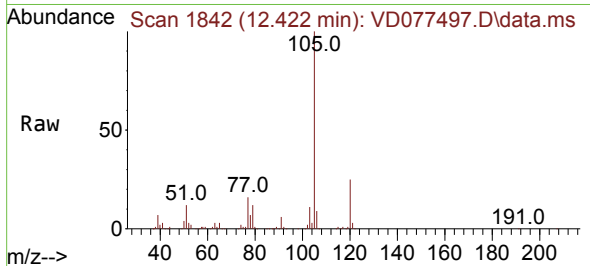




#73
Isopropylbenzene
Concen: 20.219 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

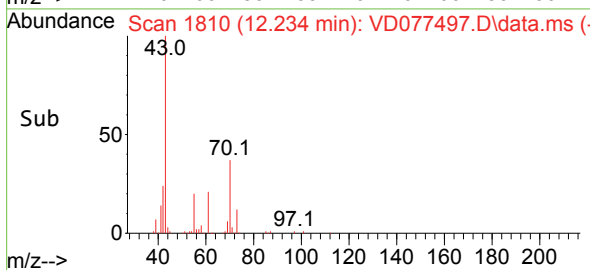
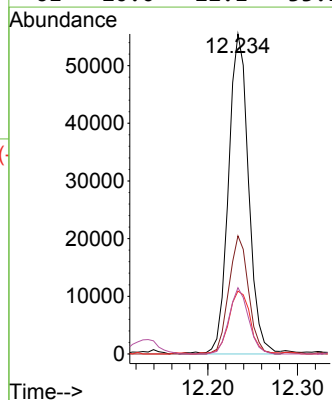
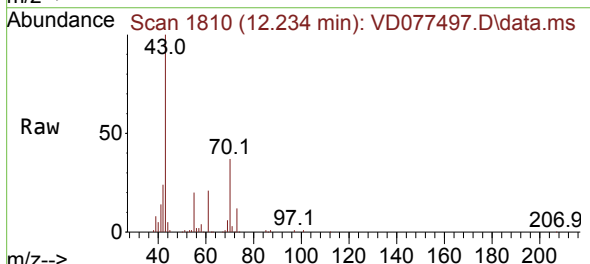
Instrument :
MSVOA_D
ClientSampleId :

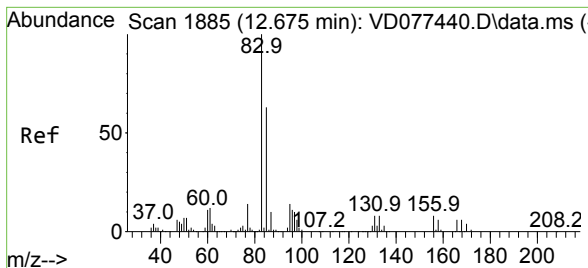
Tgt Ion:105 Resp: 263991
Ion Ratio Lower Upper
105 100
120 25.2 14.3 42.9



#74
N-ethyl acetate
Concen: 18.677 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 43 Resp: 86377
Ion Ratio Lower Upper
43 100
70 36.0 45.0 67.4#
55 21.0 23.8 35.6#
61 20.0 22.1 33.1#

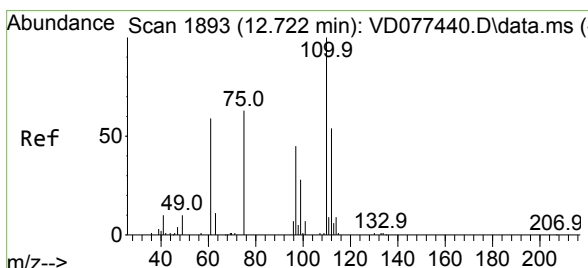
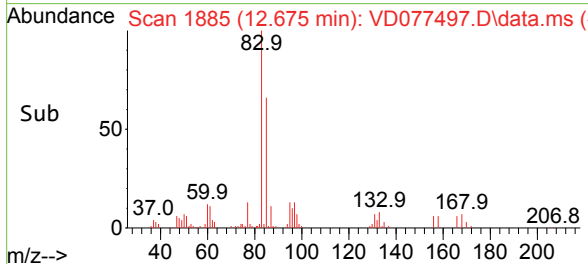
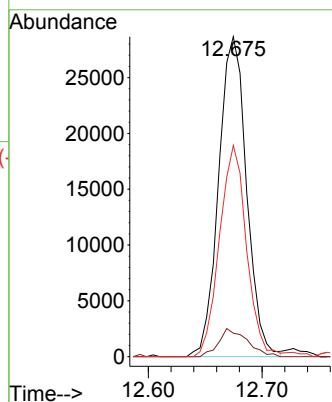
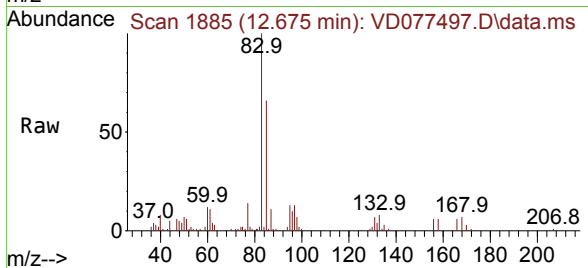




#75
1,1,2,2-Tetrachloroethane
Concen: 19.161 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

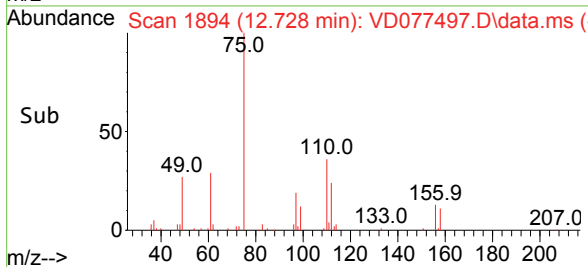
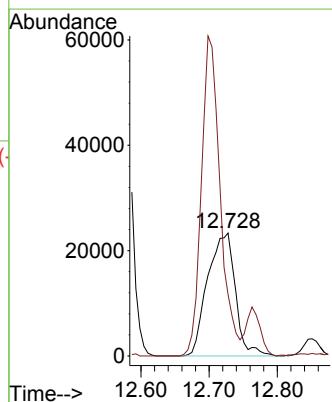
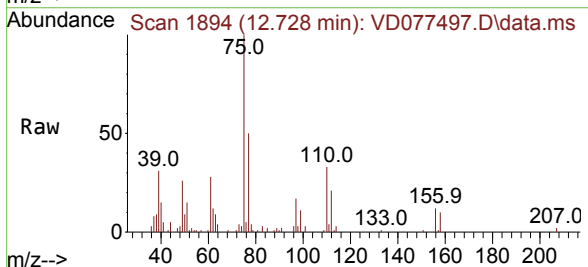
Instrument :
MSVOA_D
ClientSampleId :

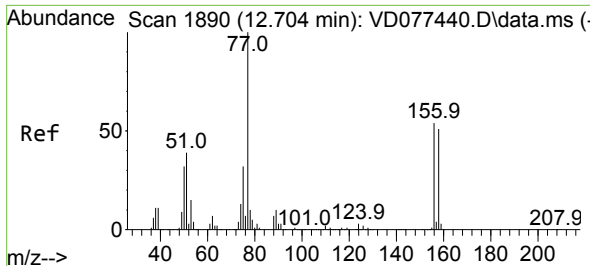
Tgt Ion: 83 Resp: 49041
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 33.912 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 75 Resp: 66098
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

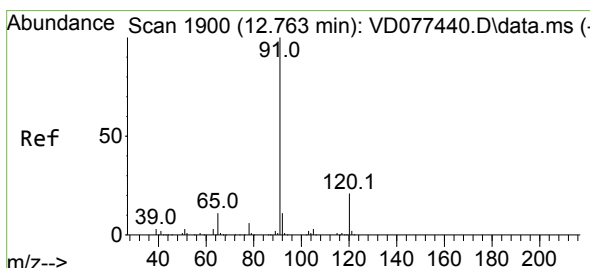
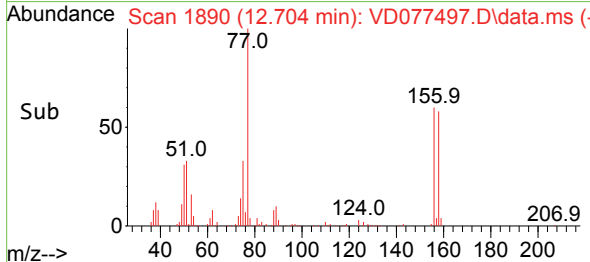
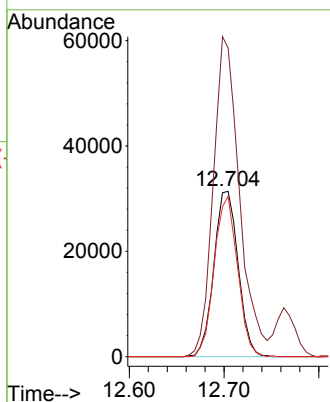
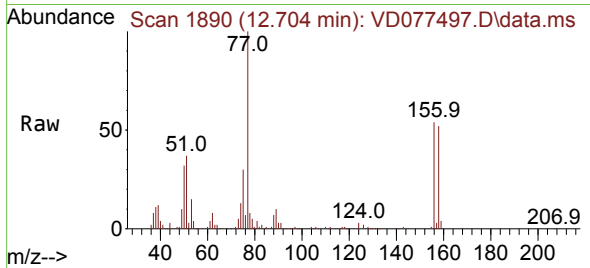




#77
Bromobenzene
Concen: 19.463 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

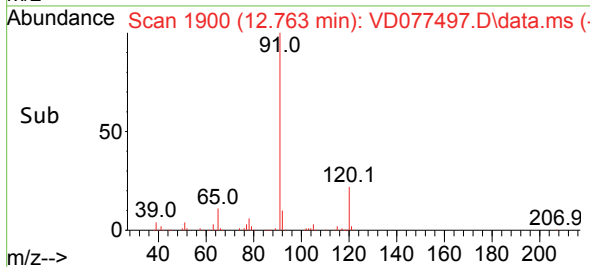
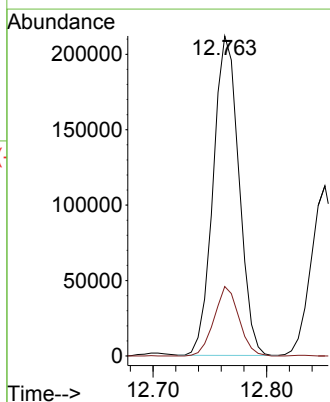
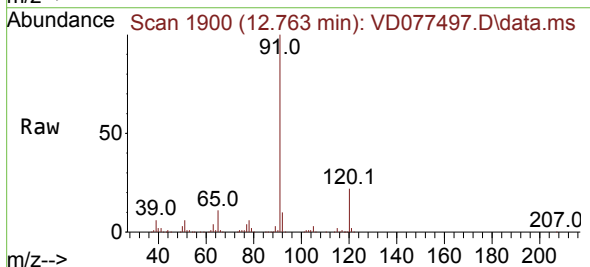
Instrument :
MSVOA_D
ClientSampleId :

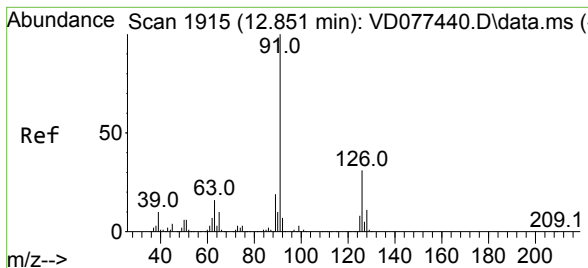
Tgt Ion	Ratio	Lower	Upper
156	100		
77	208.5	76.8	230.4
158	93.0	48.6	145.9



#78
n-propylbenzene
Concen: 20.101 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.0	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.296 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

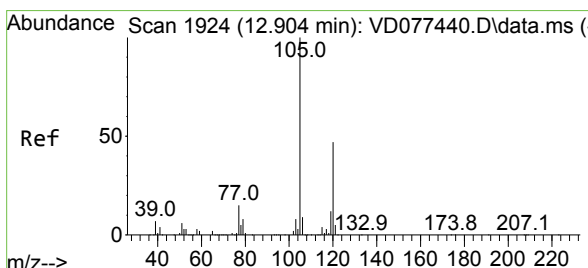
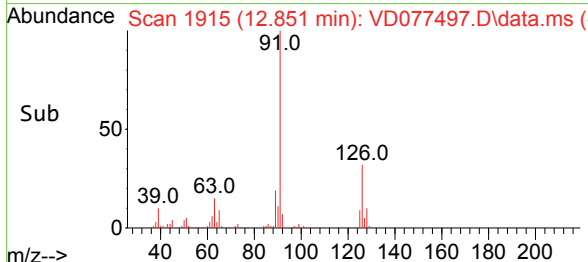
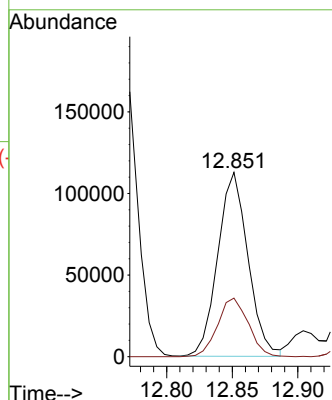
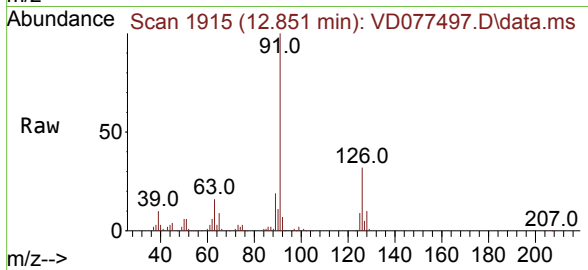
ClientSampleId :

Tgt Ion: 91 Resp: 181124

Ion Ratio Lower Upper

91 100

126 32.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.689 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077497.D

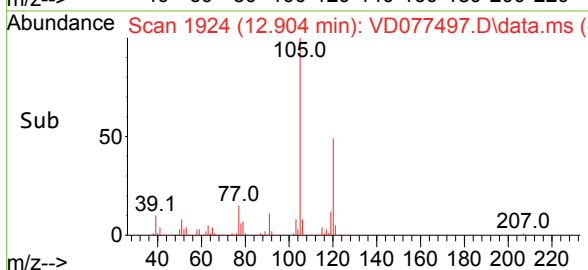
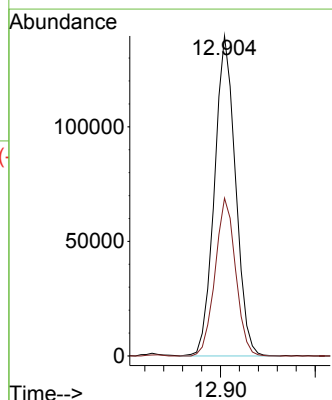
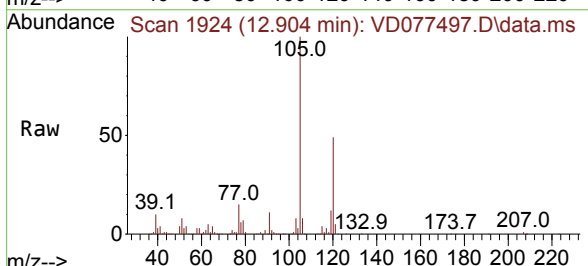
Acq: 03 Nov 2023 11:17

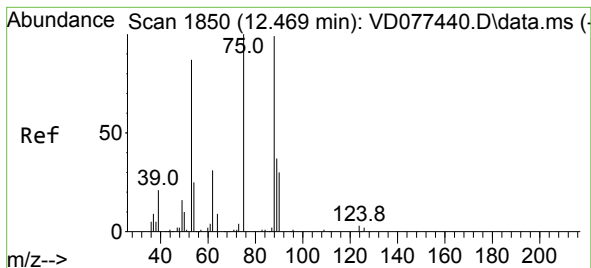
Tgt Ion:105 Resp: 215703

Ion Ratio Lower Upper

105 100

120 48.0 26.4 79.2

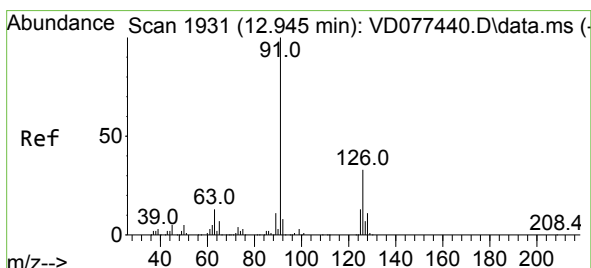
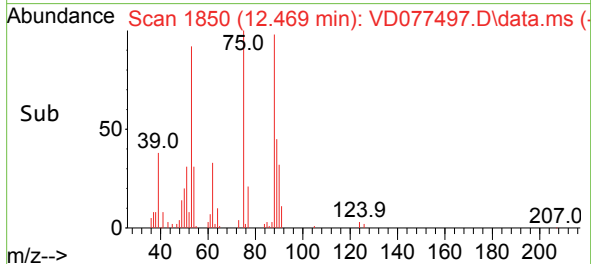
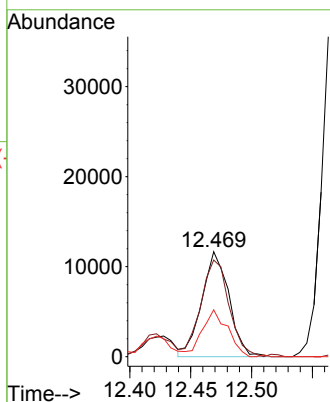
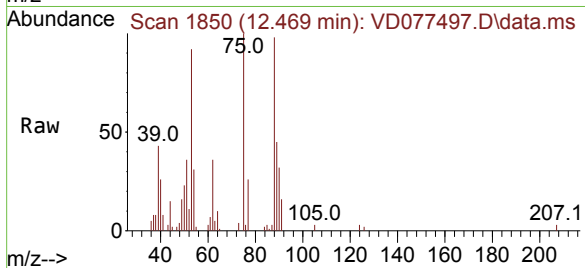




#81
trans-1,4-Dichloro-2-butene
Concen: 17.987 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

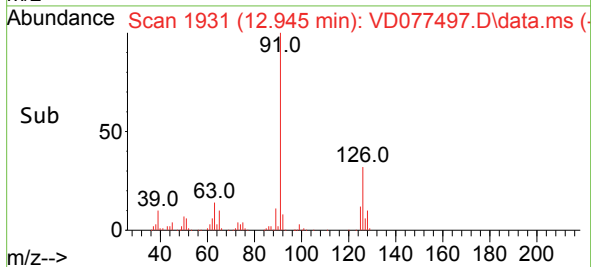
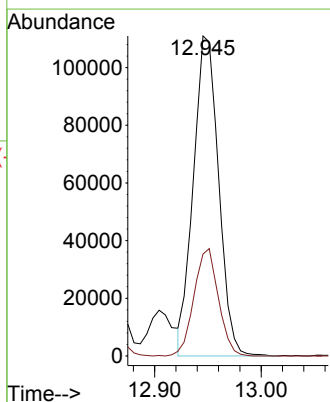
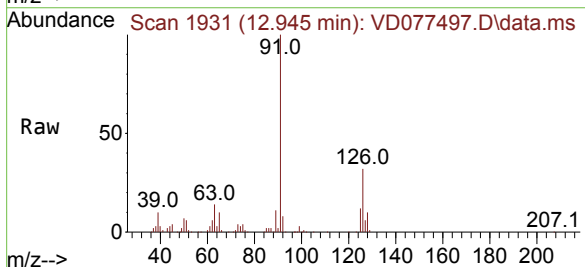
Instrument :
MSVOA_D
ClientSampleId :

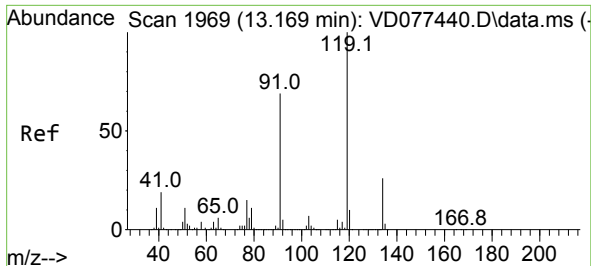
Tgt Ion: 75 Resp: 18149
Ion Ratio Lower Upper
75 100
53 96.1 63.0 94.4#
89 41.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.729 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion: 91 Resp: 183120
Ion Ratio Lower Upper
91 100
126 32.5 19.4 58.4

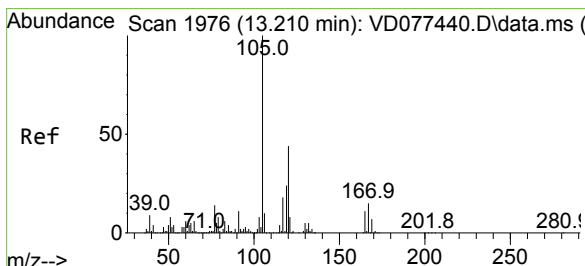
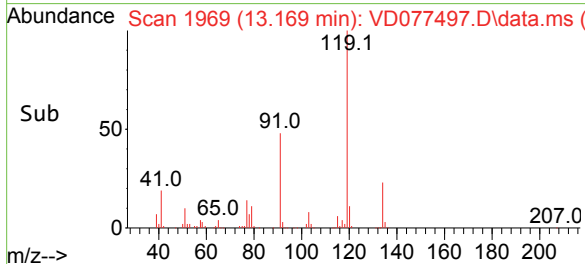
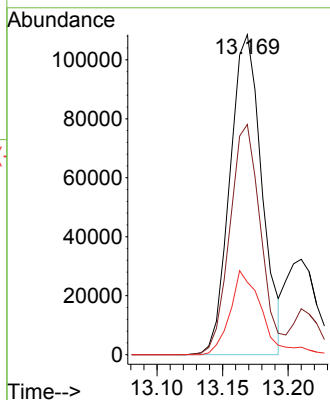
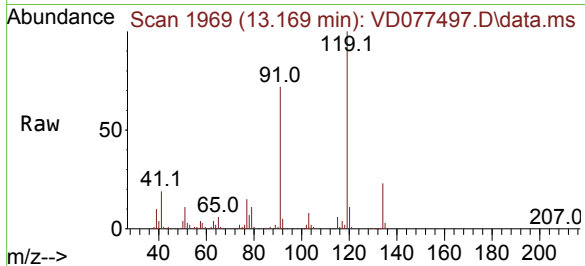




#83
tert-Butylbenzene
Concen: 19.961 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

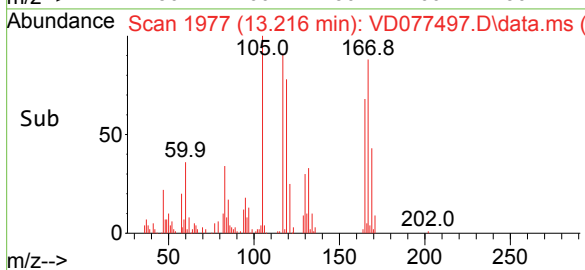
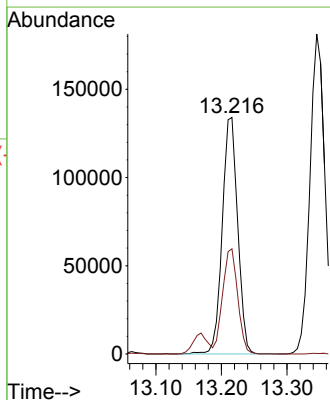
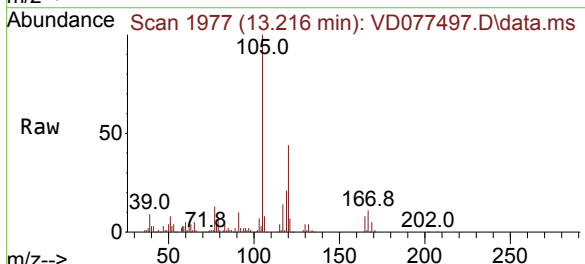
Instrument :
MSVOA_D
ClientSampleId :

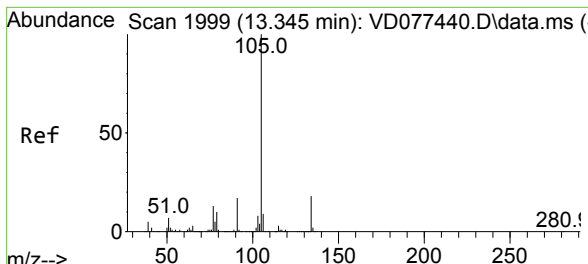
Tgt Ion:119 Resp: 183863
Ion Ratio Lower Upper
119 100
91 70.0 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.103 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion:105 Resp: 218773
Ion Ratio Lower Upper
105 100
120 43.4 24.3 72.9

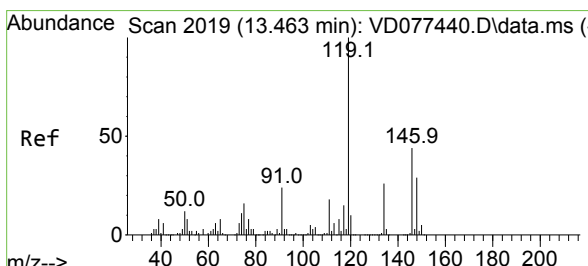
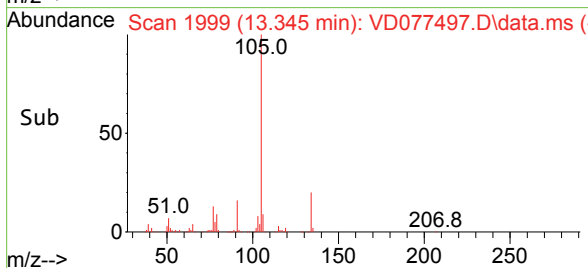
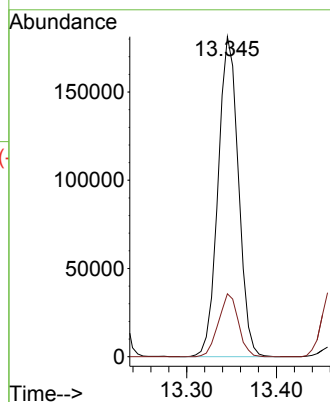
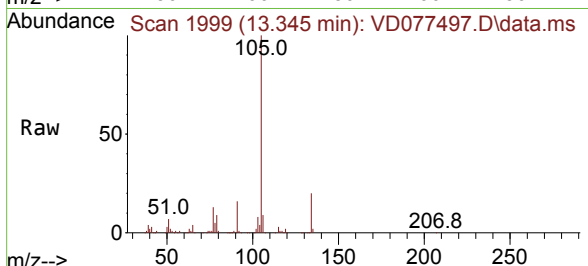




#85
 sec-Butylbenzene
 Concen: 20.256 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

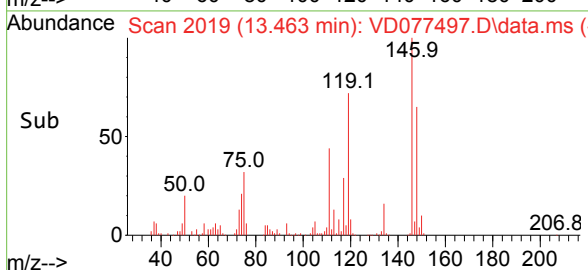
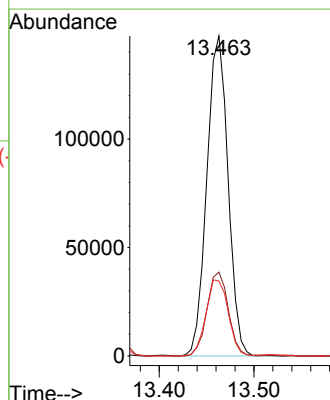
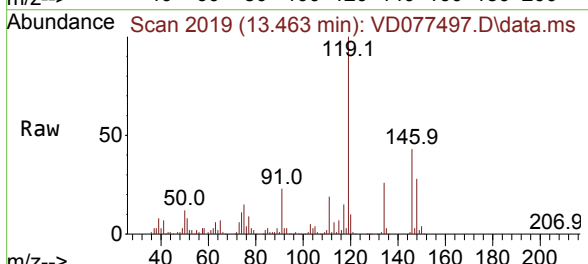
Instrument :
 MSVOA_D
 ClientSampleId :

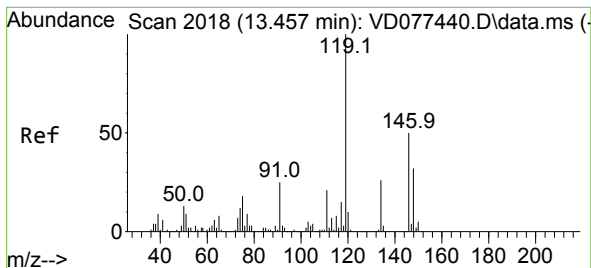
Tgt Ion:105 Resp: 285479
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.024 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

Tgt Ion:119 Resp: 229380
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 25.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.400 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

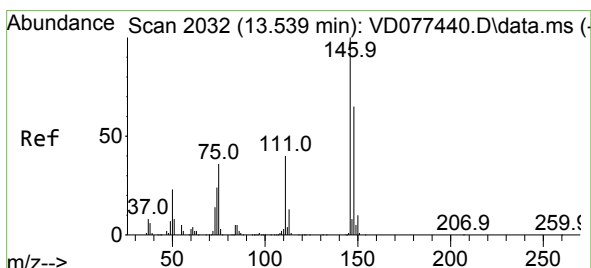
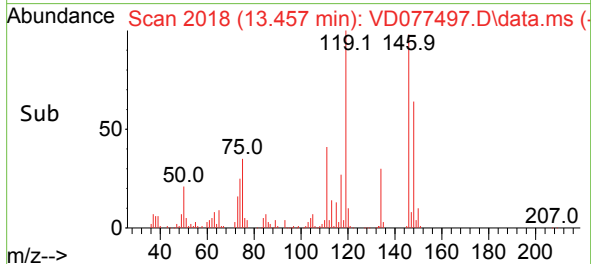
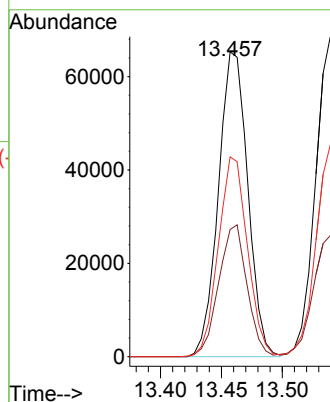
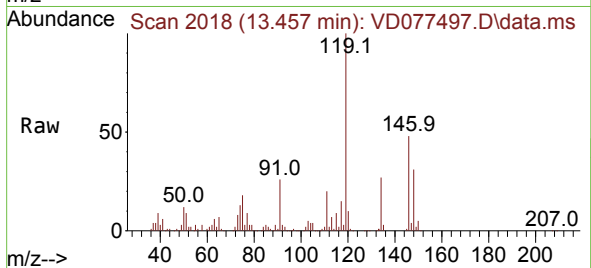
Tgt Ion:146 Resp: 109592

Ion Ratio Lower Upper

146 100

111 41.8 17.9 53.8

148 65.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.571 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

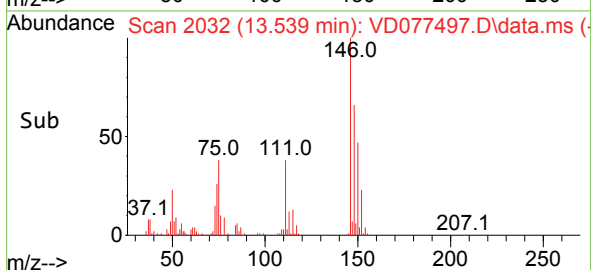
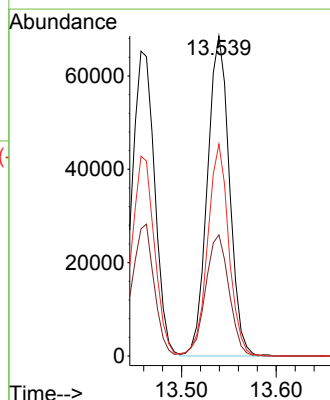
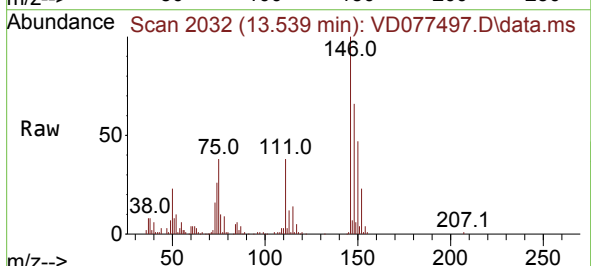
Tgt Ion:146 Resp: 110463

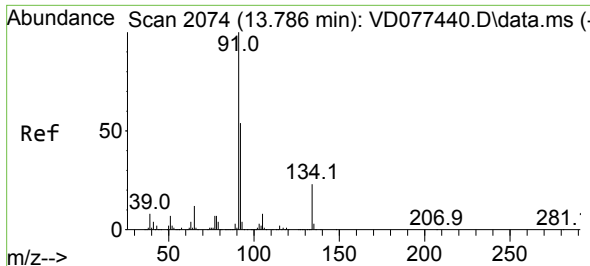
Ion Ratio Lower Upper

146 100

111 40.6 17.4 52.3

148 63.7 31.7 95.1

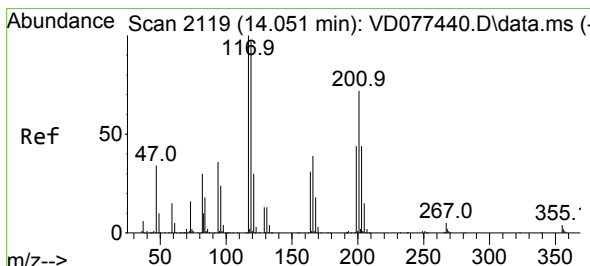
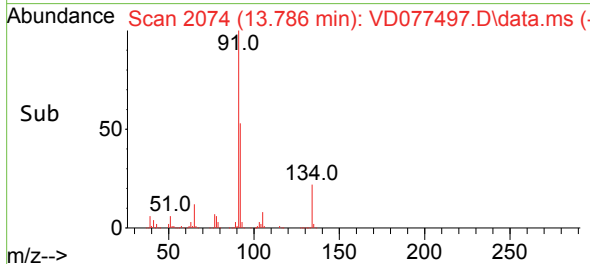
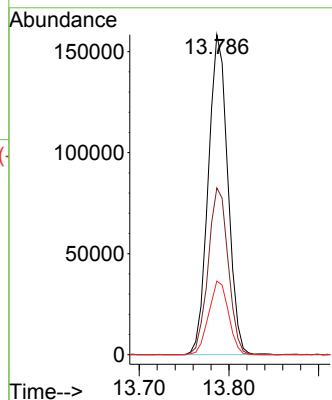
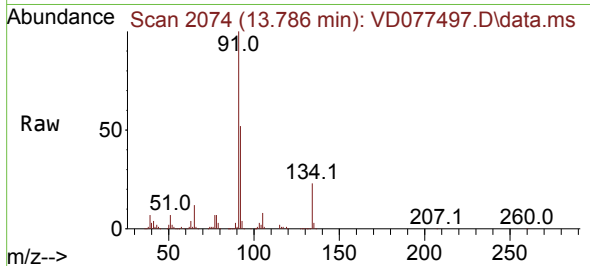




#89
n-Butylbenzene
Concen: 20.090 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

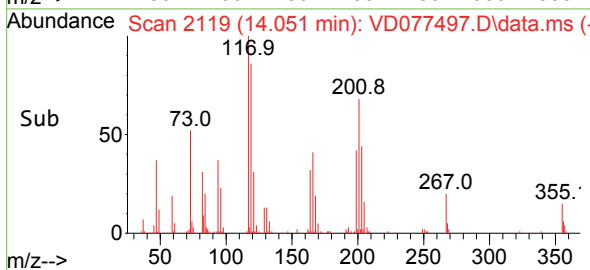
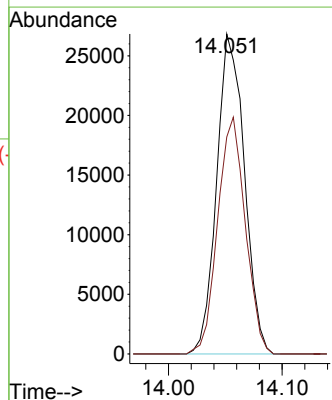
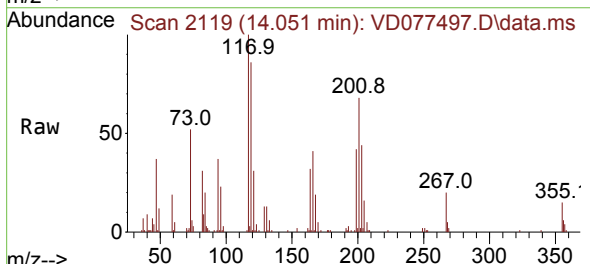
Instrument :
MSVOA_D
ClientSampleId :

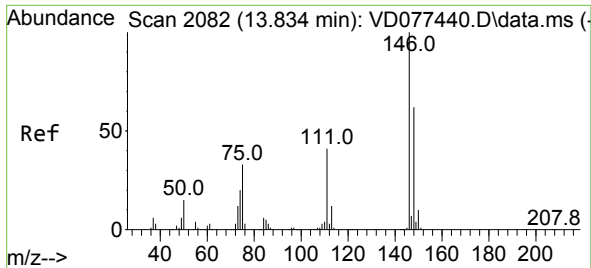
Tgt Ion: 91 Resp: 239205
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 23.3 13.8 41.3



#90
Hexachloroethane
Concen: 19.384 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

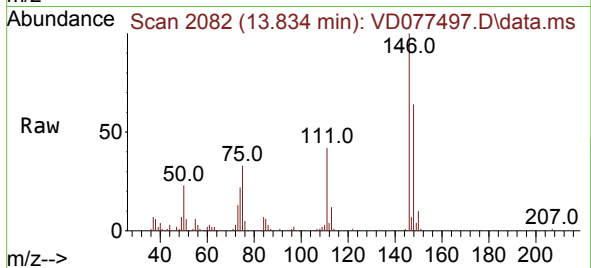
Tgt Ion: 117 Resp: 45440
Ion Ratio Lower Upper
117 100
201 73.8 38.5 115.5



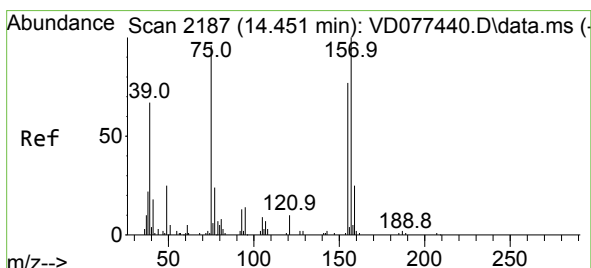
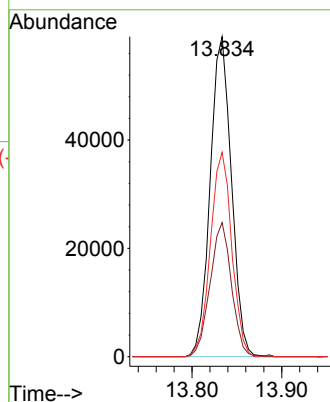
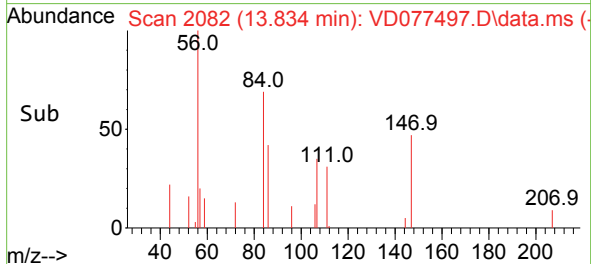


#91
 1,2-Dichlorobenzene
 Concen: 19.563 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17

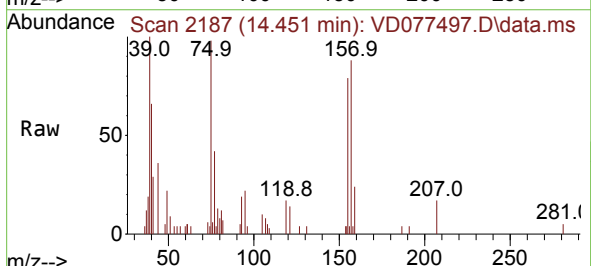
Instrument :
 MSVOA_D
 ClientSampleId :



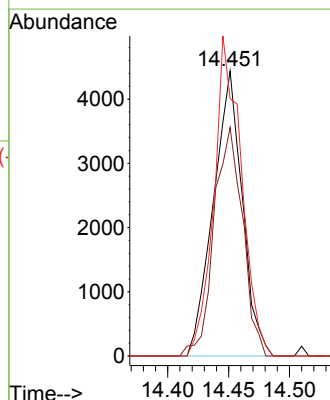
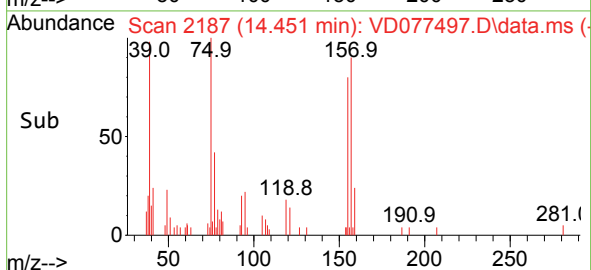
Tgt Ion:146 Resp: 97124
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.3 54.8
 148 64.0 31.6 94.7

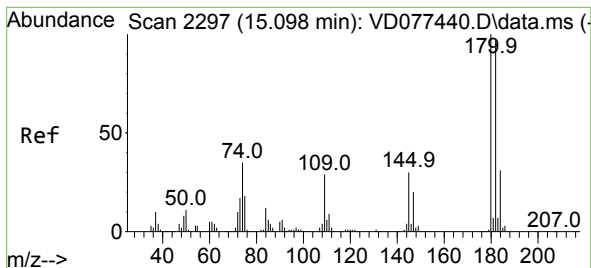


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.986 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VD077497.D
 Acq: 03 Nov 2023 11:17



Tgt Ion: 75 Resp: 7324
 Ion Ratio Lower Upper
 75 100
 155 79.3 47.9 143.8
 157 106.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.902 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

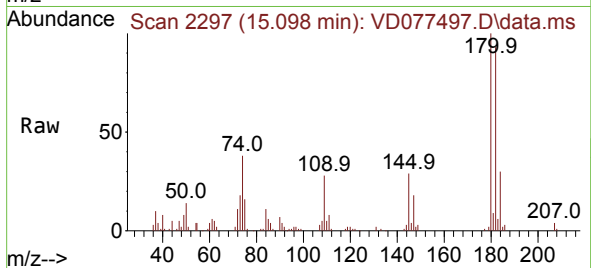
Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :



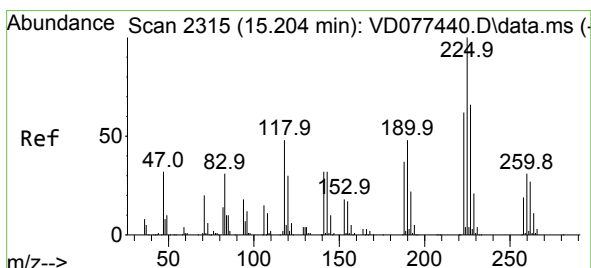
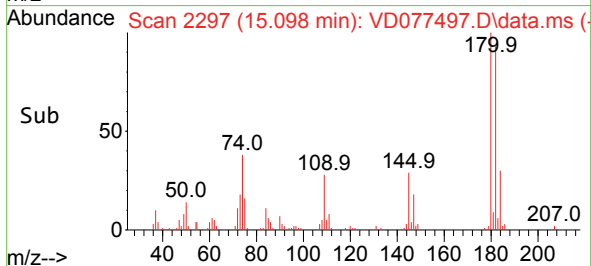
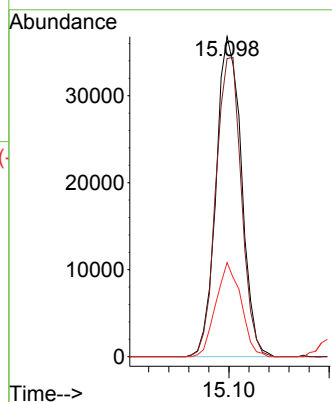
Tgt Ion:180 Resp: 64466

Ion Ratio Lower Upper

180 100

182 93.8 48.5 145.6

145 29.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.048 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

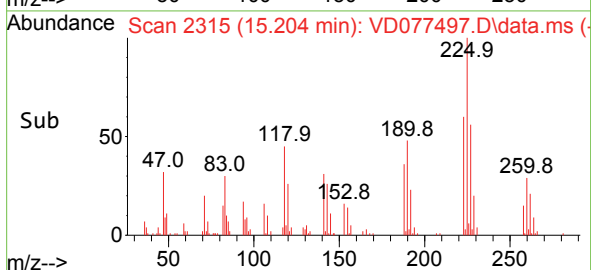
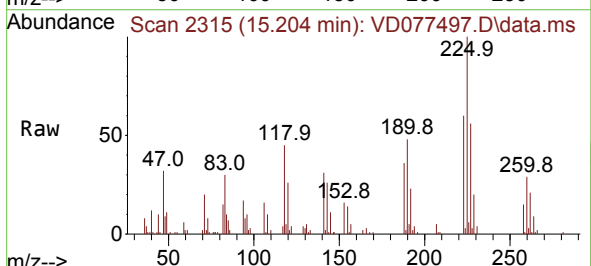
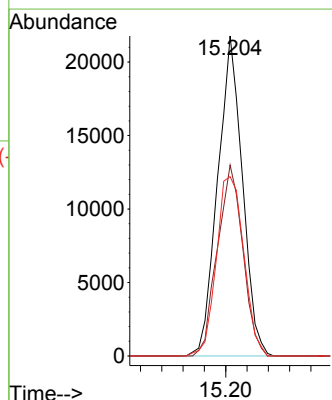
Tgt Ion:225 Resp: 35042

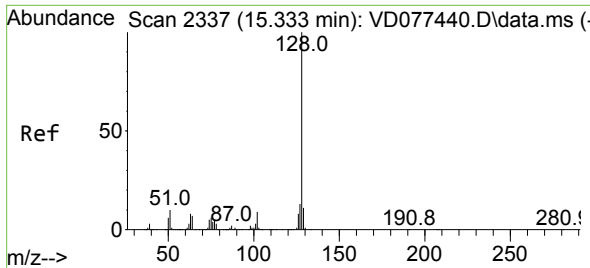
Ion Ratio Lower Upper

225 100

223 61.3 31.6 94.8

227 62.1 31.7 95.1

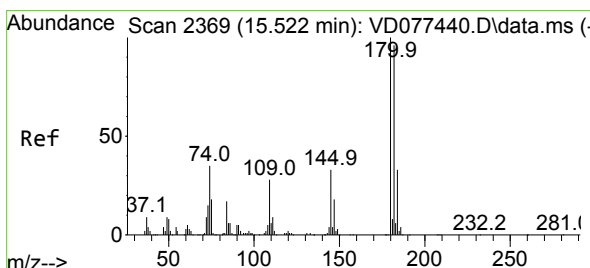
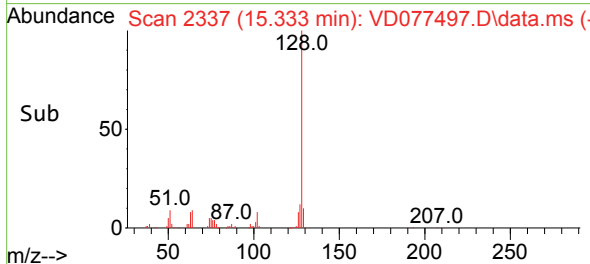
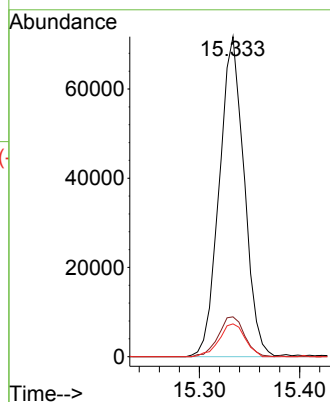
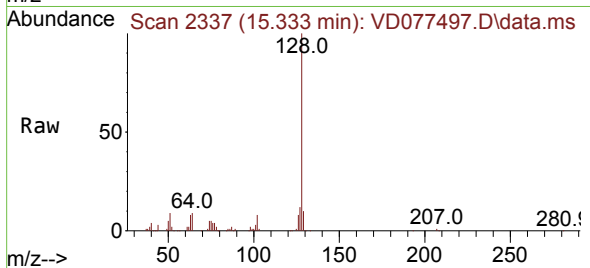




#95
Naphthalene
Concen: 18.984 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 123515
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.563 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077497.D
Acq: 03 Nov 2023 11:17

Tgt Ion:180 Resp: 54649
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 32.3 15.1 45.3

