

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077516.D
 Acq On : 08 Nov 2023 11:31
 Operator : JC/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 09 01:35:37 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	7.875	168	190923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	337621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303799	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	142273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	137657	50.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.980%	
35) Dibromofluoromethane	7.804	113	119916	51.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.269	98	493391	54.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.575	95	156201	51.167	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	30154	19.587	ug/l	96
3) Chloromethane	2.152	50	47066	19.257	ug/l	98
4) Vinyl Chloride	2.287	62	54783	22.986	ug/l	99
5) Bromomethane	2.687	94	32229	25.806	ug/l	98
6) Chloroethane	2.834	64	39752	24.773	ug/l	94
7) Trichlorofluoromethane	3.181	101	66694	19.982	ug/l	95
8) Diethyl Ether	3.593	74	24070	20.062	ug/l	58
9) 1,1,2-Trichlorotrifluo...	3.969	101	41319	20.506	ug/l	94
10) Methyl Iodide	4.169	142	35812	16.335	ug/l #	87
11) Tert butyl alcohol	5.057	59	22299	104.271	ug/l	99
12) 1,1-Dichloroethene	3.952	96	35870	18.804	ug/l #	74
13) Acrolein	3.805	56	26071	92.446	ug/l	99
14) Allyl chloride	4.569	41	85592	18.600	ug/l #	82
15) Acrylonitrile	5.263	53	72489	111.768	ug/l	98
16) Acetone	4.022	43	87943	123.103	ug/l #	81
17) Carbon Disulfide	4.275	76	66510	14.211	ug/l #	92
18) Methyl Acetate	4.563	43	53668	20.595	ug/l #	77
19) Methyl tert-butyl Ether	5.322	73	122864	20.519	ug/l	91
20) Methylene Chloride	4.805	84	57338	19.894	ug/l #	66
21) trans-1,2-Dichloroethene	5.316	96	41229	18.558	ug/l #	76
22) Diisopropyl ether	6.222	45	191960	19.627	ug/l #	88
23) Vinyl Acetate	6.157	43	489560	116.024	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	100855	19.873	ug/l	93
25) 2-Butanone	7.087	43	106464	111.729	ug/l #	69
26) 2,2-Dichloropropane	7.081	77	86614	19.259	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	55602	20.202	ug/l	74
28) Bromochloromethane	7.434	49	35153	16.741	ug/l #	1
29) Tetrahydrofuran	7.446	42	61574	108.953	ug/l #	69
30) Chloroform	7.598	83	98187	20.721	ug/l	98
31) Cyclohexane	7.881	56	74466	17.644	ug/l #	76
32) 1,1,1-Trichloroethane	7.798	97	78661	20.148	ug/l	95
36) 1,1-Dichloropropene	8.010	75	64390	18.611	ug/l	91
37) Ethyl Acetate	7.169	43	41586	20.945	ug/l #	92
38) Carbon Tetrachloride	7.998	117	65714	20.156	ug/l	99
39) Methylcyclohexane	9.275	83	68533	17.361	ug/l #	76
40) Benzene	8.251	78	199610	20.233	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26796	21.092	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	61804	19.779	ug/l	92
43) Isopropyl Acetate	8.357	43	82673	20.177	ug/l #	82
44) Trichloroethene	9.034	130	47351	19.594	ug/l	86
45) 1,2-Dichloropropane	9.304	63	59373	20.442	ug/l	95
46) Dibromomethane	9.393	93	27243	19.490	ug/l	91
47) Bromodichloromethane	9.587	83	74667	20.210	ug/l	96
48) Methyl methacrylate	9.381	41	36959	18.897	ug/l #	68
49) 1,4-Dioxane	9.387	88	6603	439.627	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	219649	108.910	ug/l #	82
52) Toluene	10.334	92	120121	19.972	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	78895	20.167	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	88663	19.695	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	39838	21.362	ug/l	93
56) Ethyl methacrylate	10.598	69	57947	20.899	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	73464	21.076	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	133745	96.350	ug/l #	87
59) 2-Hexanone	10.922	43	170569	114.806	ug/l	79
60) Dibromochloromethane	11.075	129	47545	21.202	ug/l	98
61) 1,2-Dibromoethane	11.181	107	35363	20.024	ug/l	98
64) Tetrachloroethene	10.810	164	37179	19.222	ug/l	91
65) Chlorobenzene	11.610	112	133312	20.946	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	49691	20.660	ug/l	94
67) Ethyl Benzene	11.687	91	252608	20.628	ug/l	97
68) m/p-Xylenes	11.792	106	185192	41.878	ug/l	85
69) o-Xylene	12.122	106	88938	20.997	ug/l	84
70) Styrene	12.139	104	152097	20.814	ug/l #	91
71) Bromoform	12.298	173	26927	20.194	ug/l #	99
73) Isopropylbenzene	12.422	105	241286	20.801	ug/l	95
74) N-amyl acetate	12.234	43	81416	19.816	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	48898	21.505	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	64003	36.962	ug/l #	100
77) Bromobenzene	12.704	156	51496	20.169	ug/l	75
78) n-propylbenzene	12.763	91	302551	20.542	ug/l	95
79) 2-Chlorotoluene	12.851	91	166681	19.987	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	194878	20.022	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	18122	20.215	ug/l	86
82) 4-Chlorotoluene	12.951	91	172009	19.802	ug/l	89
83) tert-Butylbenzene	13.169	119	173348	21.183	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	195362	20.206	ug/l	94
85) sec-Butylbenzene	13.345	105	265266	21.186	ug/l	94
86) p-Isopropyltoluene	13.463	119	217861	21.407	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	109420	21.802	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	105754	21.090	ug/l	96
89) n-Butylbenzene	13.786	91	223722	21.150	ug/l	96
90) Hexachloroethane	14.057	117	43490	20.883	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	93648	21.232	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8001	20.887	ug/l	79
93) 1,2,4-Trichlorobenzene	15.104	180	62370	20.584	ug/l	96
94) Hexachlorobutadiene	15.204	225	33227	20.329	ug/l	99
95) Naphthalene	15.333	128	120690	20.880	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	52777	20.179	ug/l	98

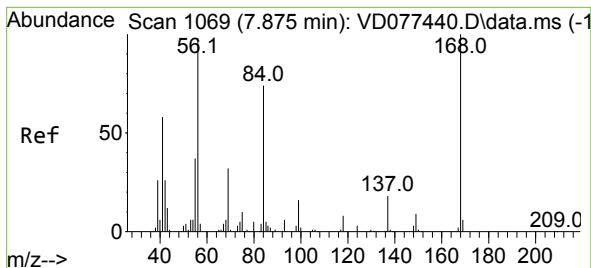
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

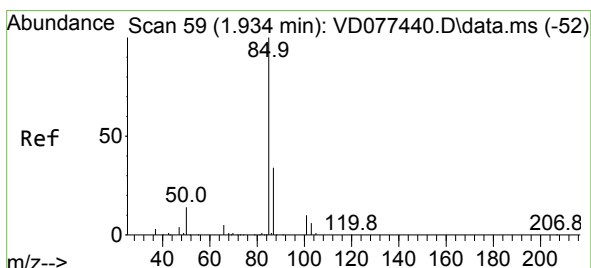
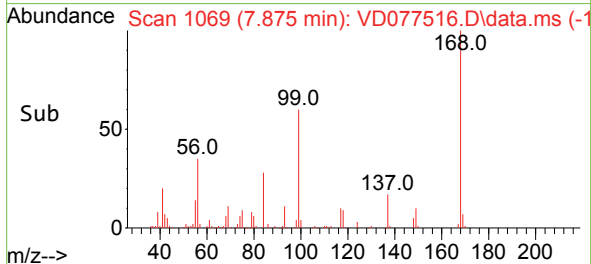
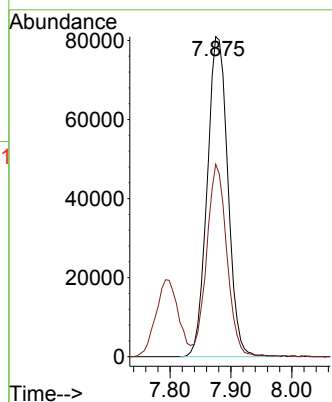
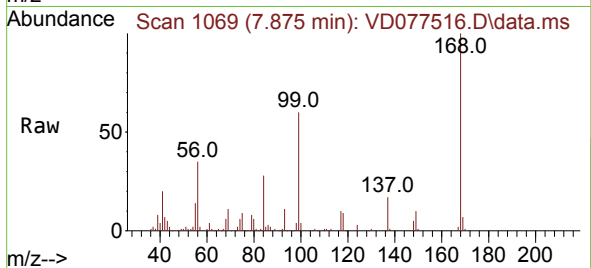
ClientSampleId :

Tgt Ion:168 Resp: 190923

Ion Ratio Lower Upper

168 100

99 59.9 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.587 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077516.D

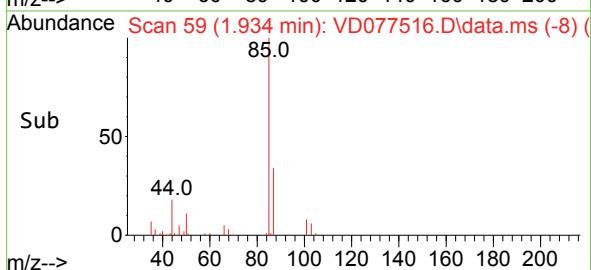
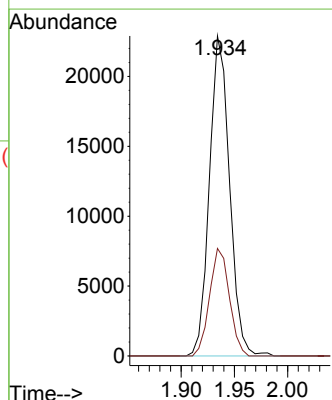
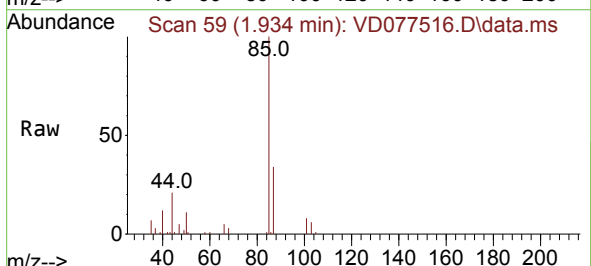
Acq: 08 Nov 2023 11:31

Tgt Ion: 85 Resp: 30154

Ion Ratio Lower Upper

85 100

87 33.6 15.7 47.0

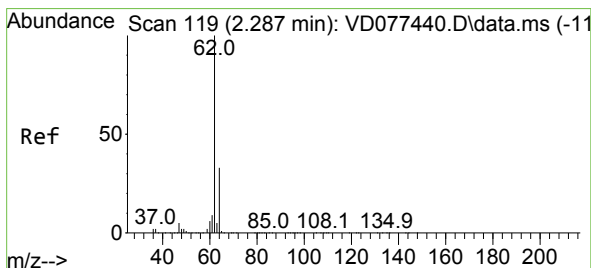
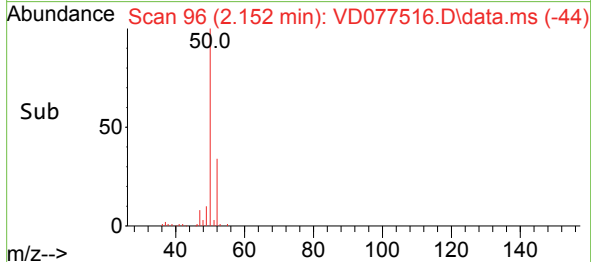
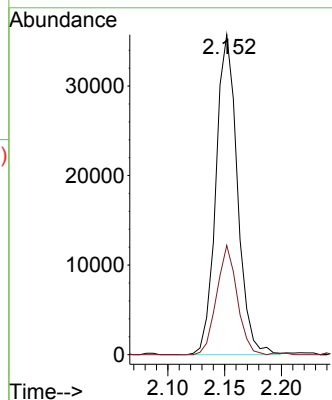
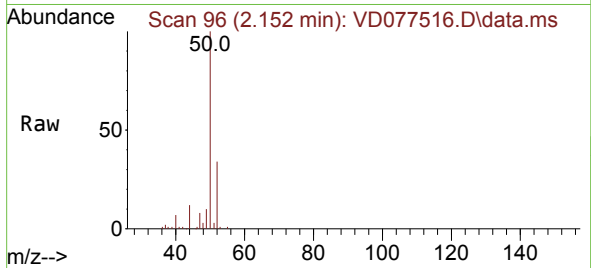




#3
Chloromethane
Concen: 19.257 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

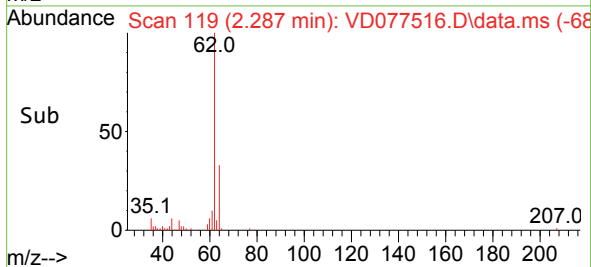
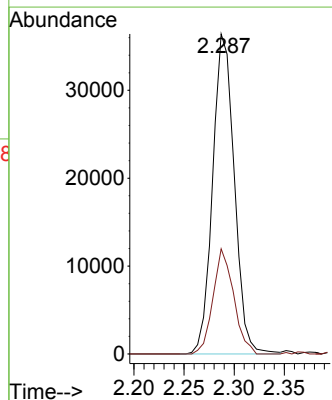
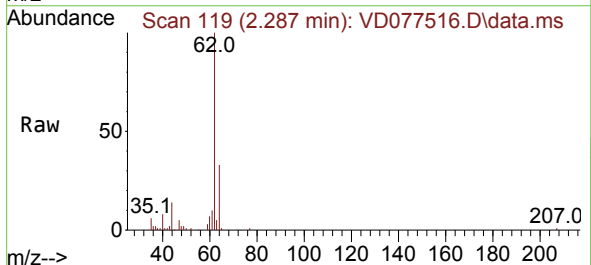
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 47066
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 22.986 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 62 Resp: 54783
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

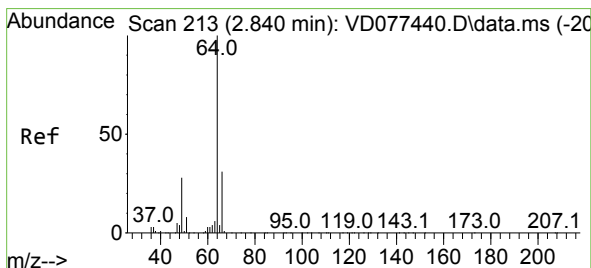
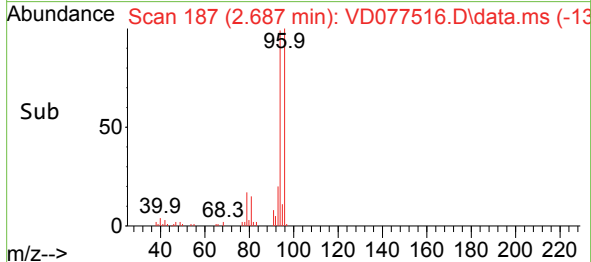
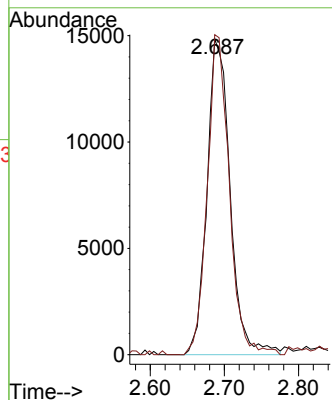
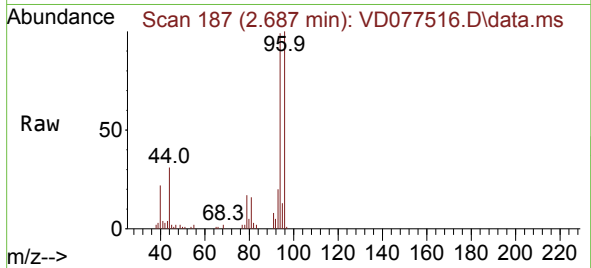




#5
Bromomethane
Concen: 25.806 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

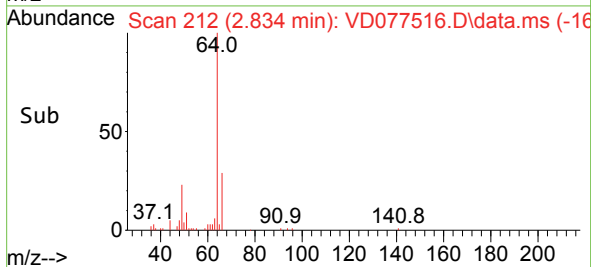
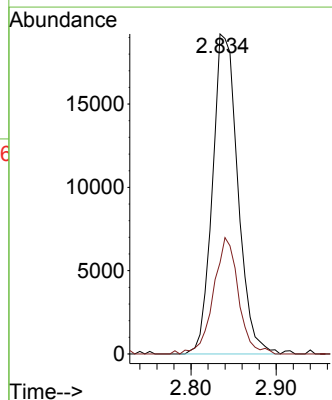
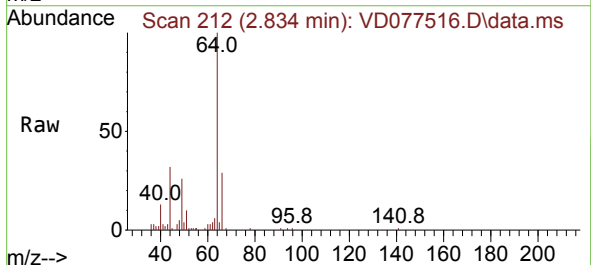
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ClientSampleId :

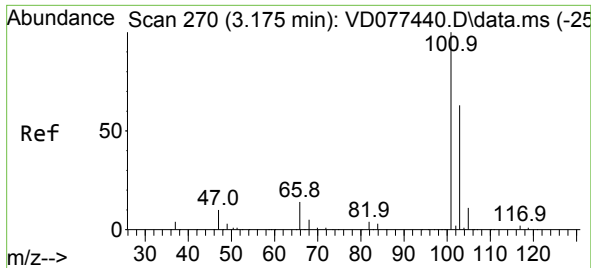
Tgt Ion: 94 Resp: 32229
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.8



#6
Chloroethane
Concen: 24.773 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 64 Resp: 39752
Ion Ratio Lower Upper
64 100
66 28.6 25.5 38.3

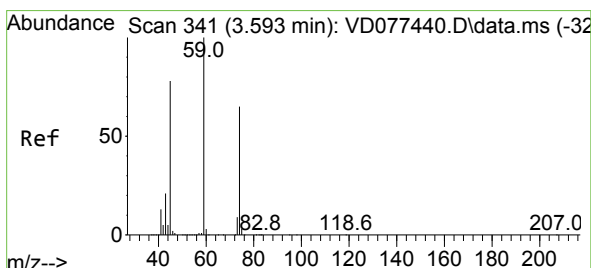
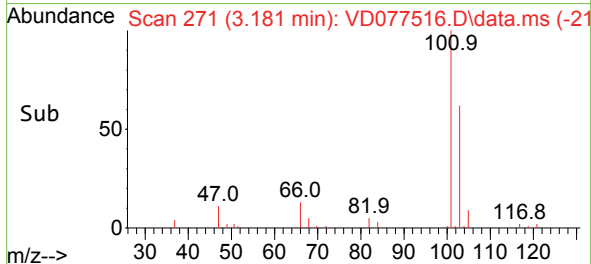
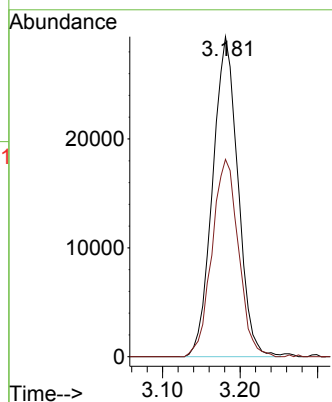
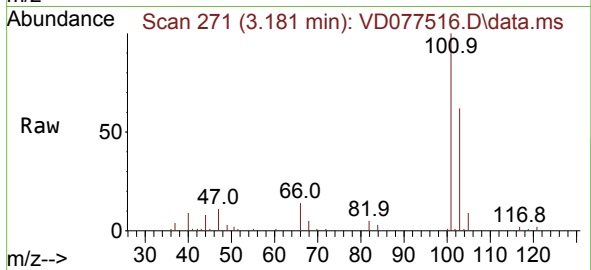




#7
Trichlorofluoromethane
Concen: 19.982 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

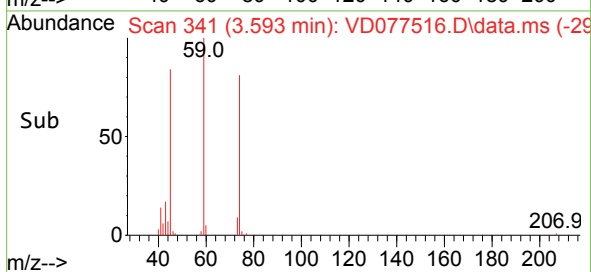
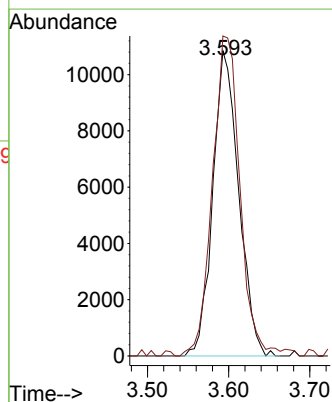
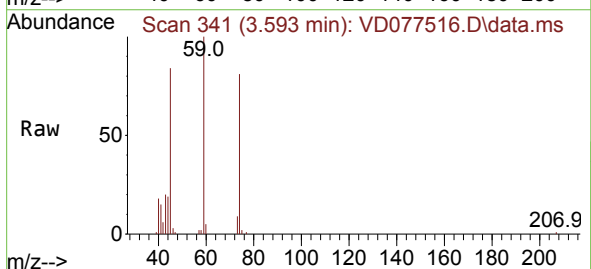
Instrument :
MSVOA_D
ClientSampleId :

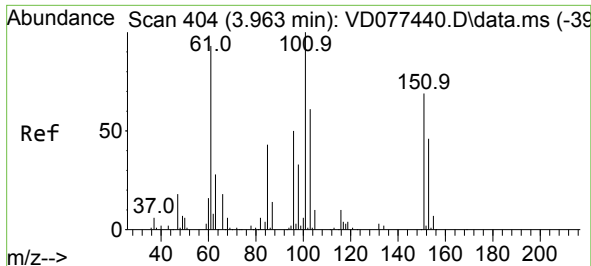
Tgt Ion:101 Resp: 66694
Ion Ratio Lower Upper
101 100
103 61.6 52.3 78.5



#8
Diethyl Ether
Concen: 20.062 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 74 Resp: 24070
Ion Ratio Lower Upper
74 100
45 110.7 37.5 112.7

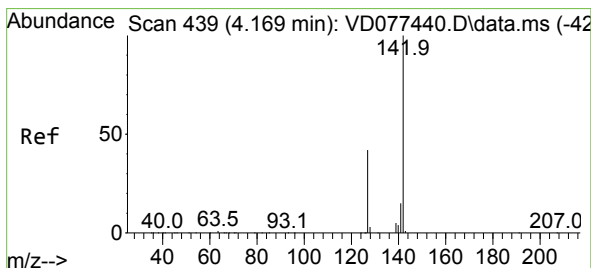
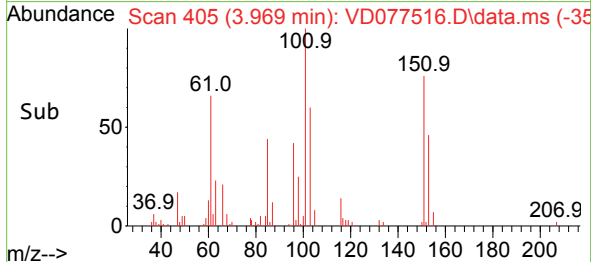
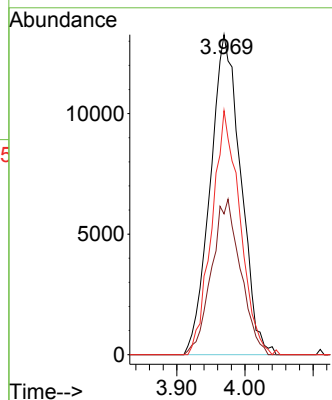
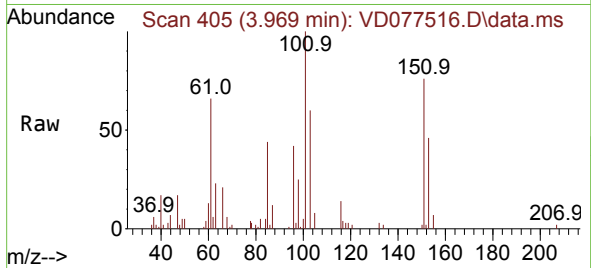




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.506 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

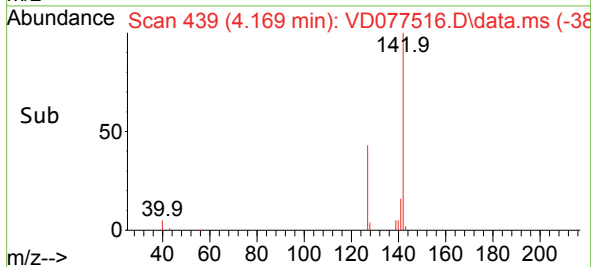
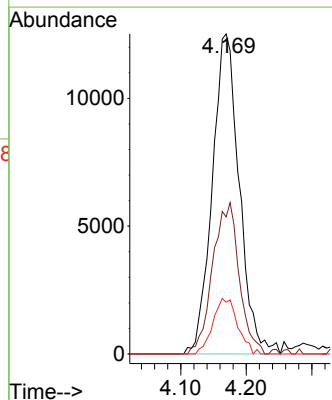
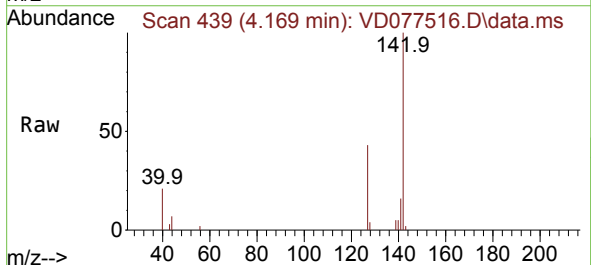
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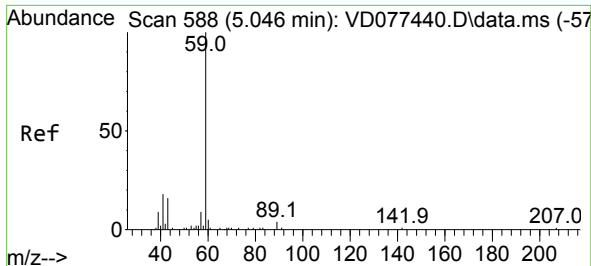
Tgt Ion:101 Resp: 41319
Ion Ratio Lower Upper
101 100
85 46.3 33.8 50.6
151 70.5 59.8 89.6



#10
Methyl Iodide
Concen: 16.335 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

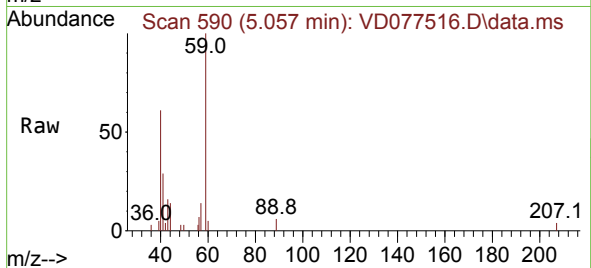
Tgt Ion:142 Resp: 35812
Ion Ratio Lower Upper
142 100
127 46.4 29.4 44.0#
141 15.9 11.1 16.7



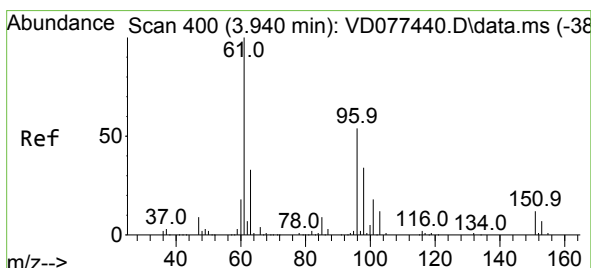
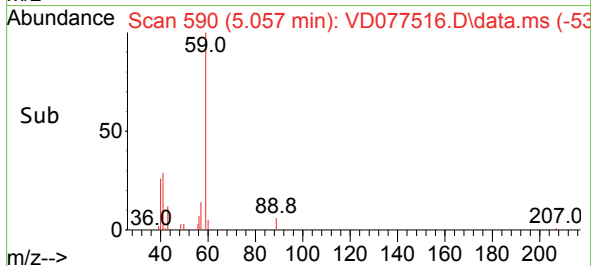
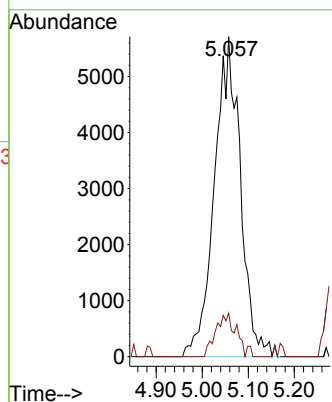


#11
Tert butyl alcohol
Concen: 104.271 ug/l
RT: 5.057 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

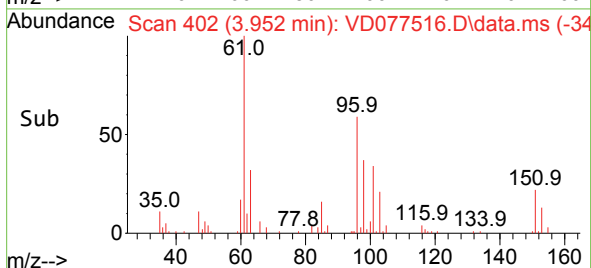
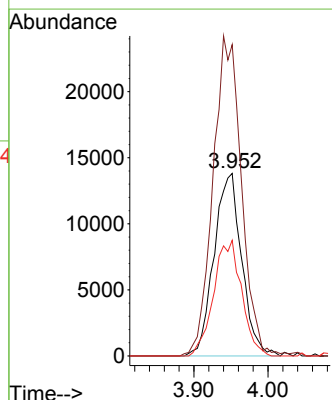
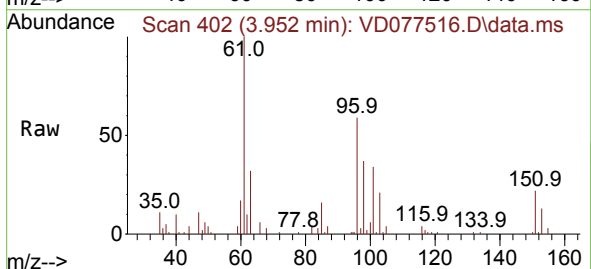


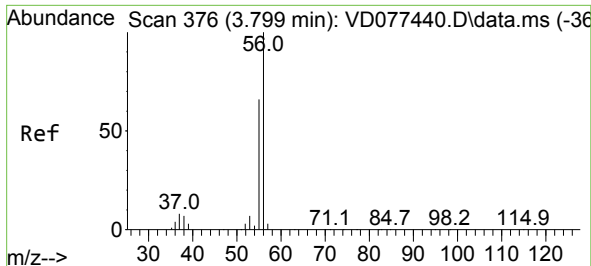
Tgt Ion: 59 Resp: 22299
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.804 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 96 Resp: 35870
Ion Ratio Lower Upper
96 100
61 170.6 100.6 150.8#
98 63.3 50.2 75.2





#13

Acrolein

Concen: 92.446 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

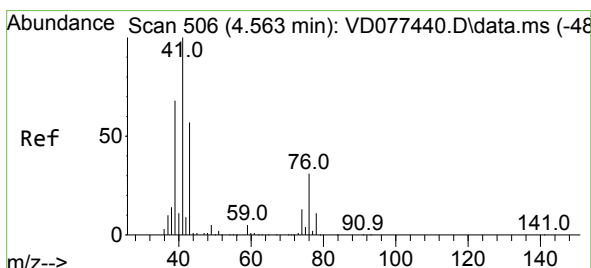
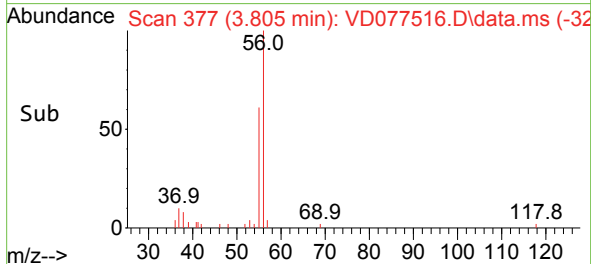
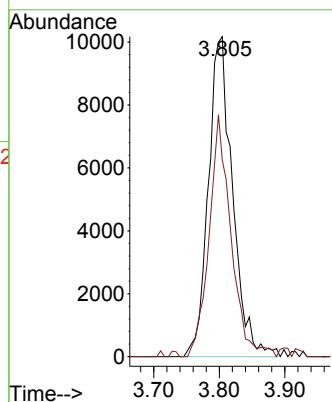
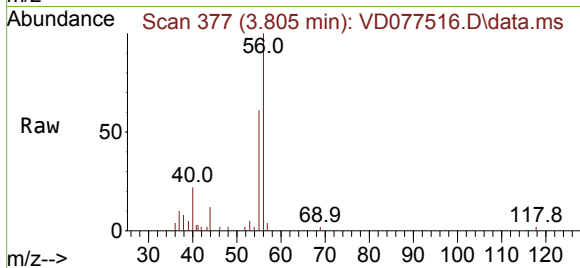
ClientSampleId :

Tgt Ion: 56 Resp: 26071

Ion Ratio Lower Upper

56 100

55 68.3 55.1 82.7



#14

Allyl chloride

Concen: 18.600 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

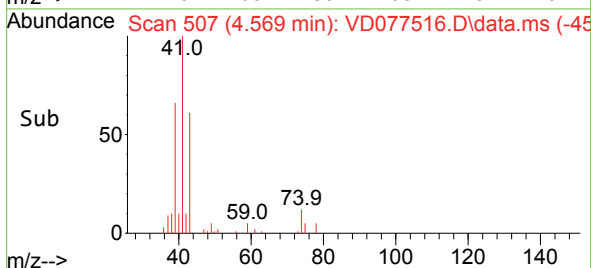
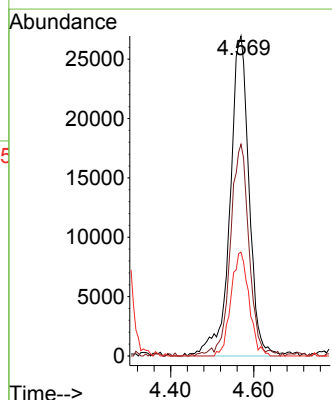
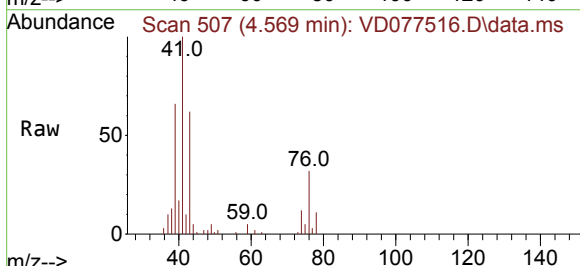
Tgt Ion: 41 Resp: 85592

Ion Ratio Lower Upper

41 100

39 65.0 53.8 80.6

76 30.8 45.8 68.8#

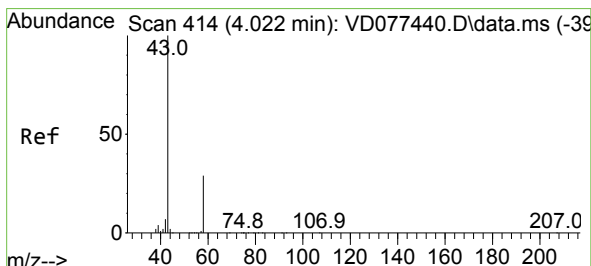
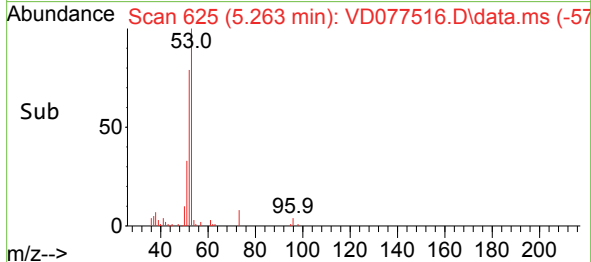
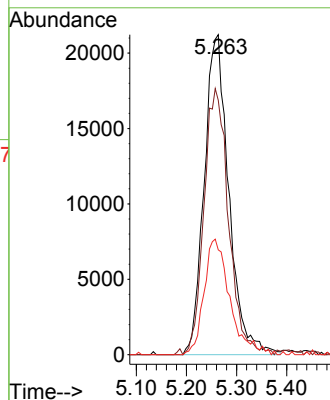
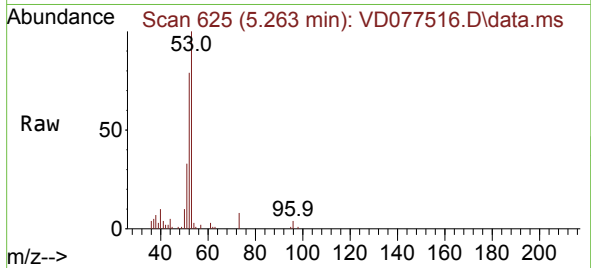




#15
Acrylonitrile
Concen: 111.768 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

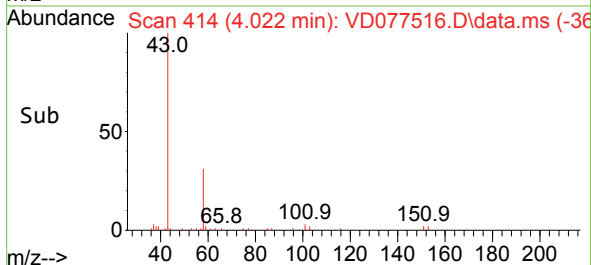
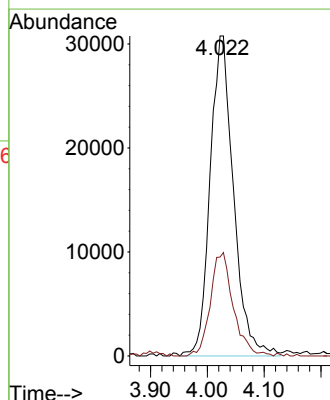
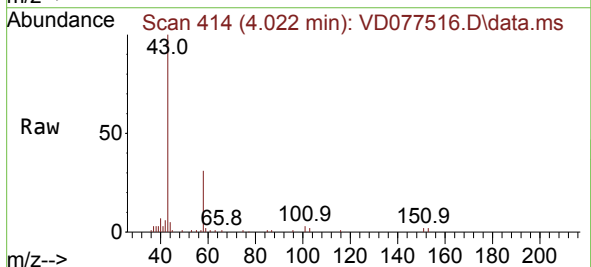
Instrument :
MSVOA_D
ClientSampleId :

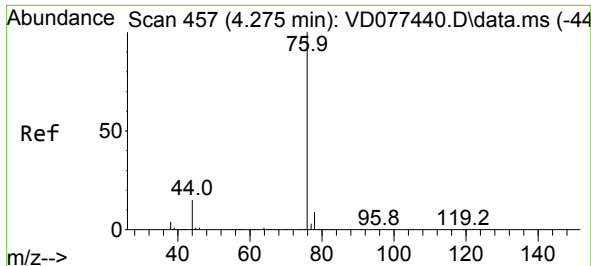
Tgt Ion: 53 Resp: 72489
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 37.0 28.3 42.5



#16
Acetone
Concen: 123.103 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 43 Resp: 87943
Ion Ratio Lower Upper
43 100
58 30.9 34.7 52.1#

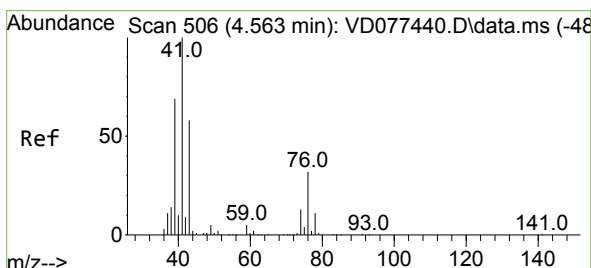
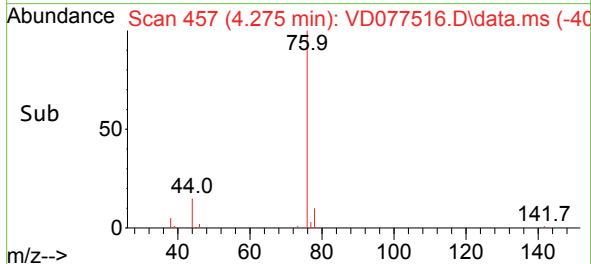
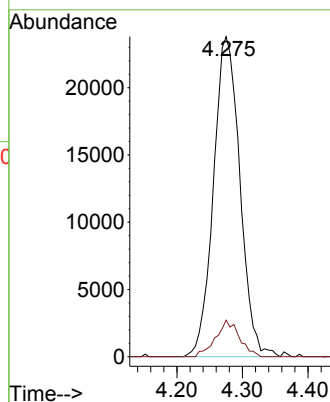
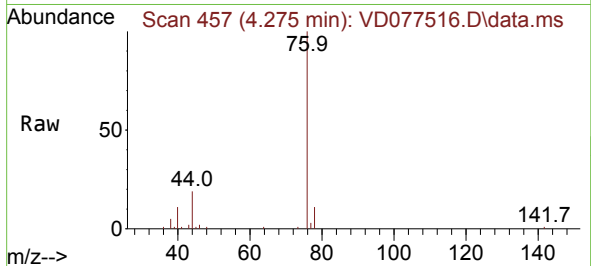




#17
Carbon Disulfide
Concen: 14.211 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

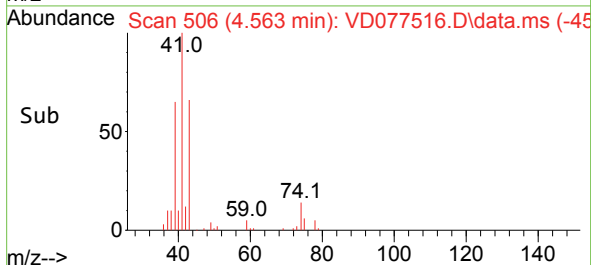
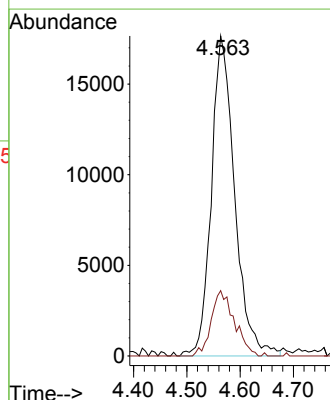
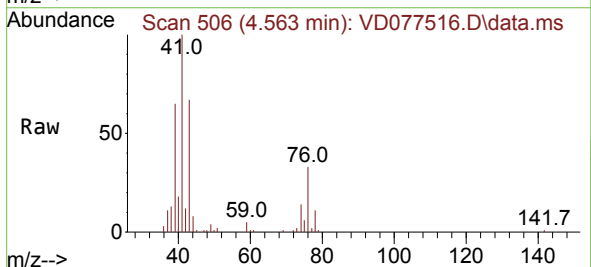
Instrument :
MSVOA_D
ClientSampleId :

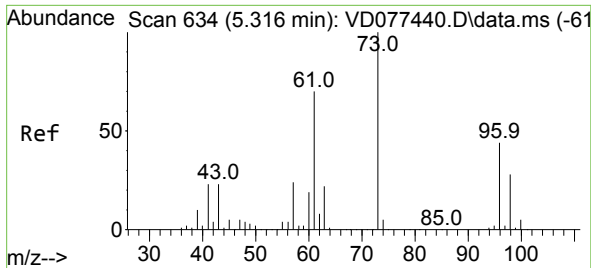
Tgt Ion: 76 Resp: 66510
Ion Ratio Lower Upper
76 100
78 11.4 6.8 10.2#



#18
Methyl Acetate
Concen: 20.595 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 43 Resp: 53668
Ion Ratio Lower Upper
43 100
74 20.3 26.4 39.6#

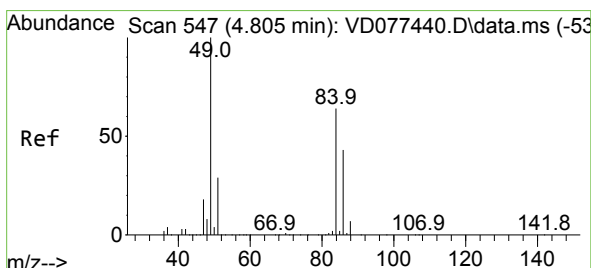
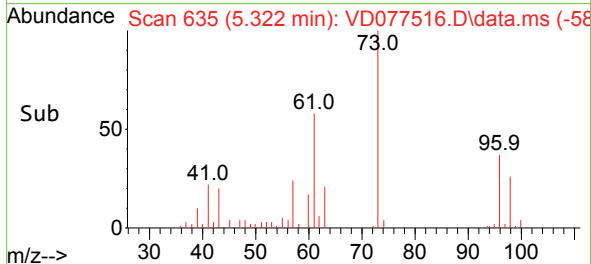
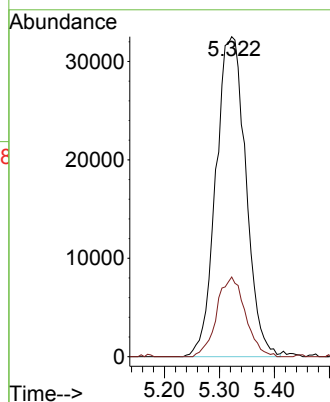
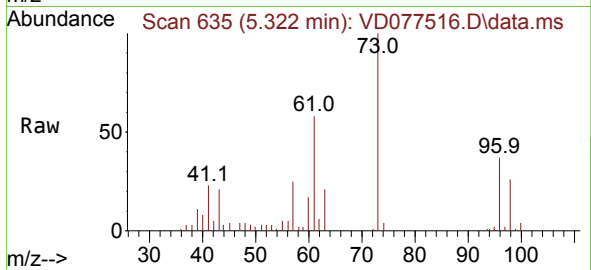




#19
Methyl tert-butyl Ether
Concen: 20.519 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

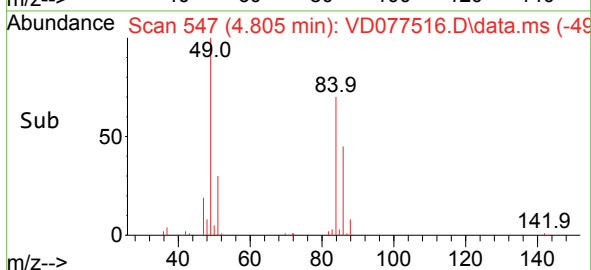
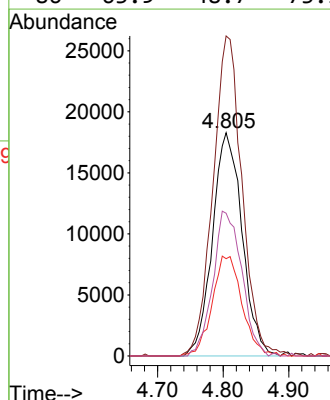
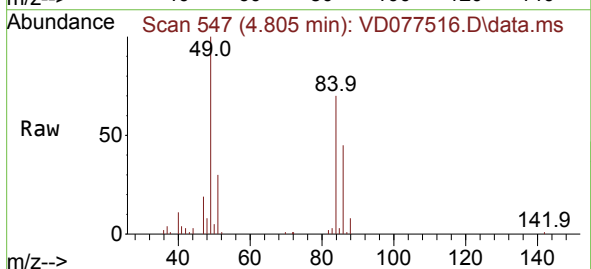
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 122864
Ion Ratio Lower Upper
73 100
57 24.9 16.6 25.0



#20
Methylene Chloride
Concen: 19.894 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 84 Resp: 57338
Ion Ratio Lower Upper
84 100
49 143.4 71.4 107.2#
51 43.6 24.5 36.7#
86 63.9 48.7 73.1

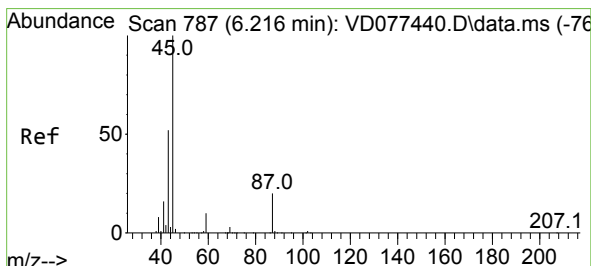
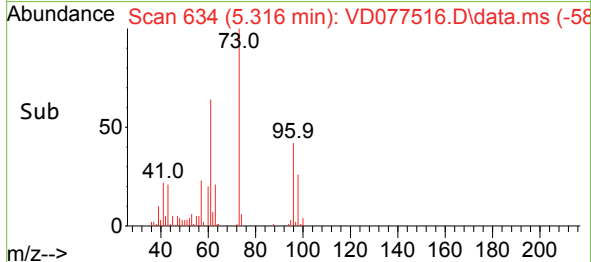
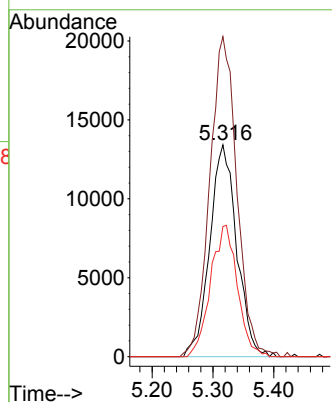
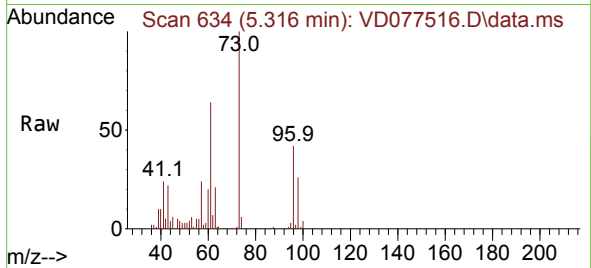




#21
trans-1,2-Dichloroethene
Concen: 18.558 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

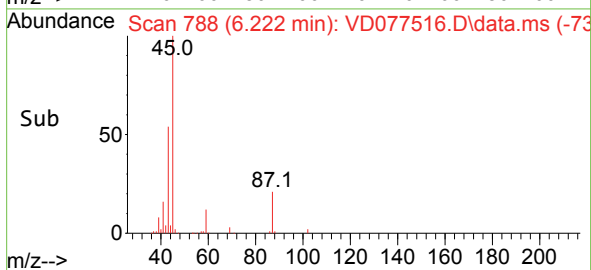
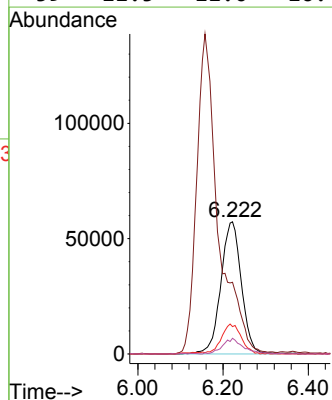
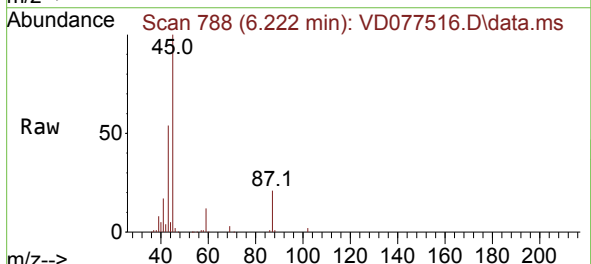
Instrument :
MSVOA_D
ClientSampleId :

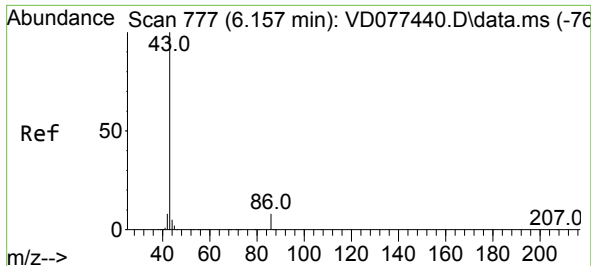
Tgt Ion: 96 Resp: 41229
Ion Ratio Lower Upper
96 100
61 151.1 89.3 133.9#
98 61.5 48.6 73.0



#22
Diisopropyl ether
Concen: 19.627 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 45 Resp: 191960
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 20.7 28.2 42.4#
59 11.5 11.0 16.4

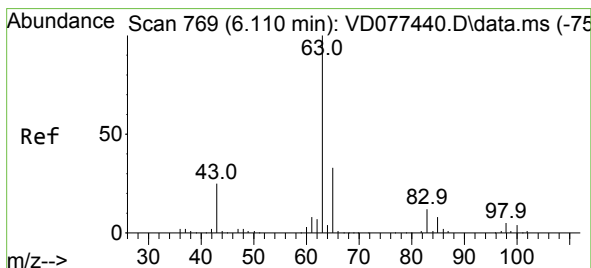
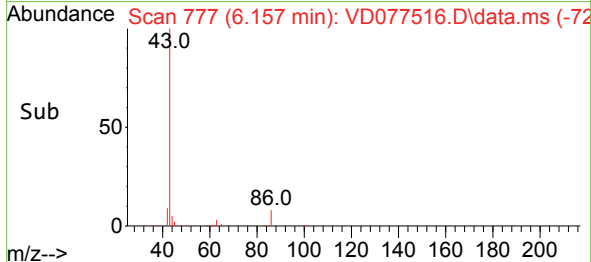
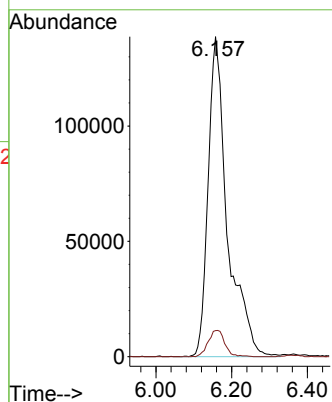
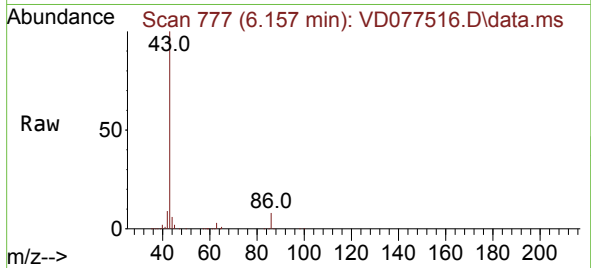




#23
 Vinyl Acetate
 Concen: 116.024 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD077516.D
 Acq: 08 Nov 2023 11:31

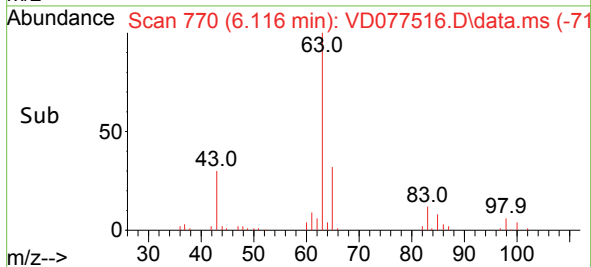
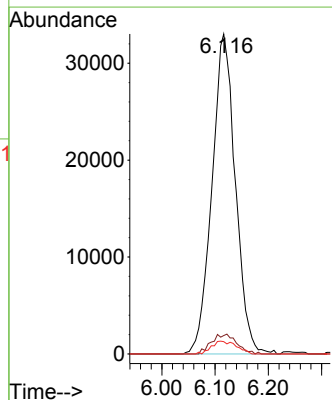
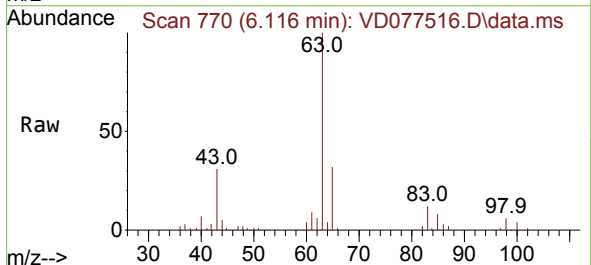
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 489560
 Ion Ratio Lower Upper
 43 100
 86 8.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.873 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077516.D
 Acq: 08 Nov 2023 11:31

Tgt Ion: 63 Resp: 100855
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.5 13.7
 100 3.9 2.5 7.5

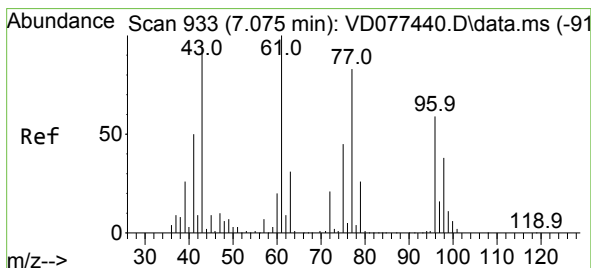
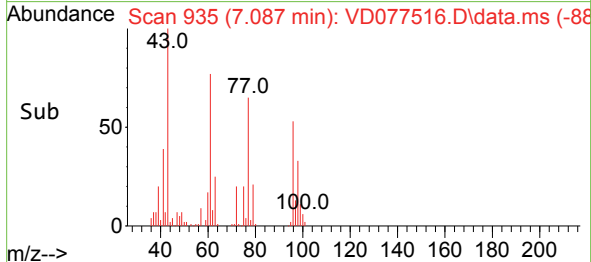
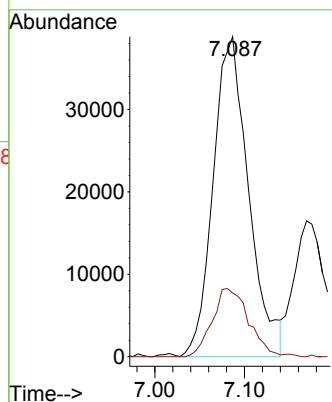
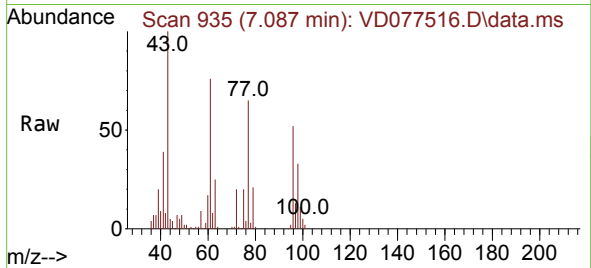




#25
2-Butanone
Concen: 111.729 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

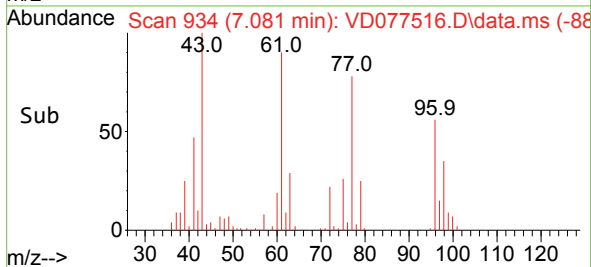
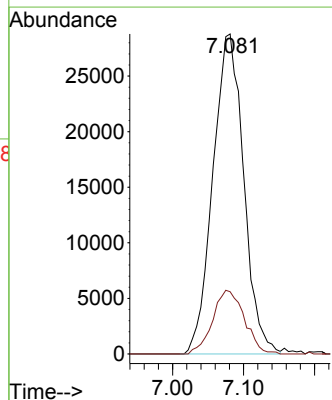
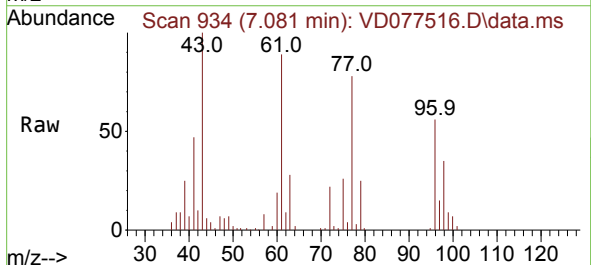
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 106464
Ion Ratio Lower Upper
43 100
72 19.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.259 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

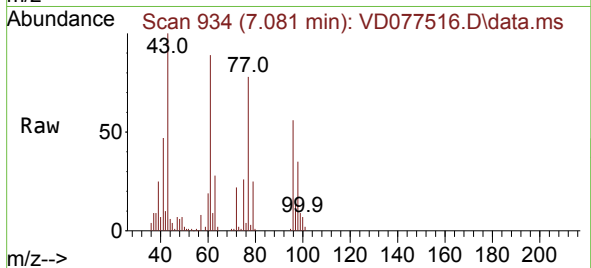
Tgt Ion: 77 Resp: 86614
Ion Ratio Lower Upper
77 100
97 20.5 13.2 39.6



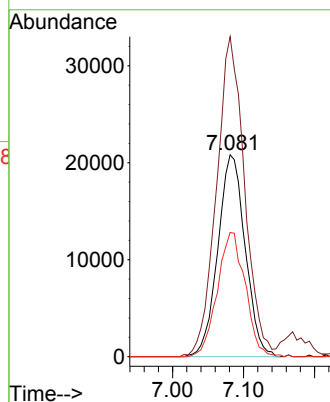
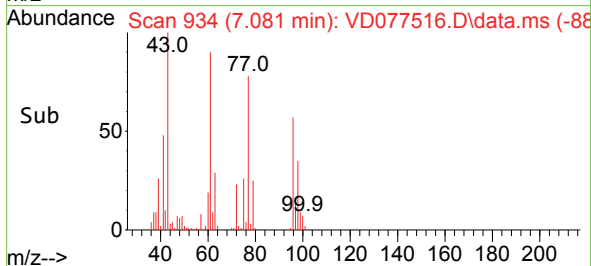


#27
 cis-1,2-Dichloroethene
 Concen: 20.202 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077516.D
 Acq: 08 Nov 2023 11:31

Instrument :
 MSVOA_D
 ClientSampleId :

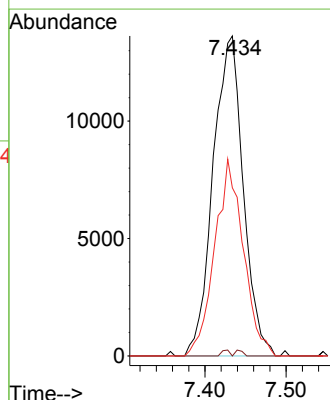
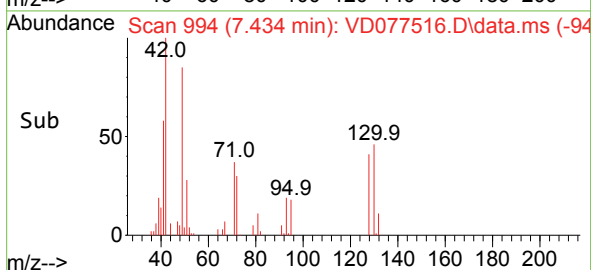
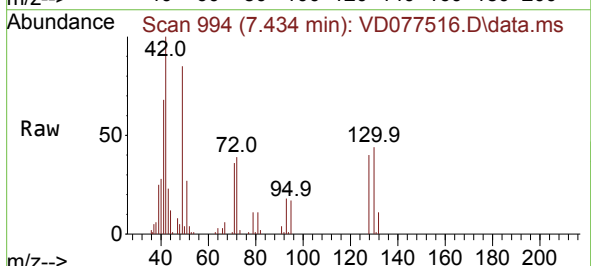


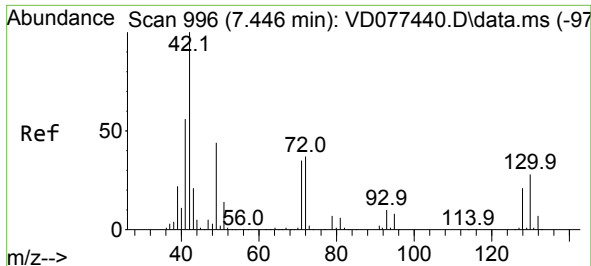
Tgt Ion: 96 Resp: 55602
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 239.2
 98 62.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 16.741 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077516.D
 Acq: 08 Nov 2023 11:31

Tgt Ion: 49 Resp: 35153
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 6.0
 130 0.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 108.953 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077516.D

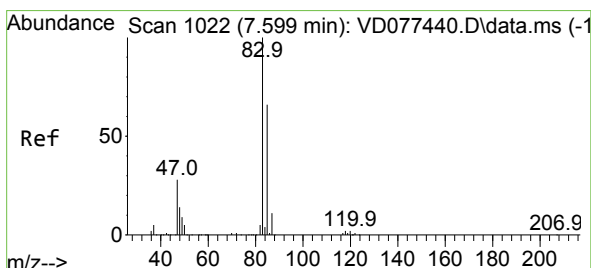
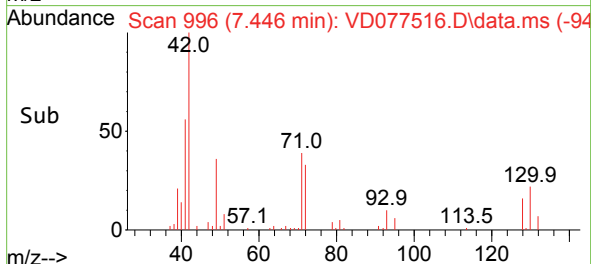
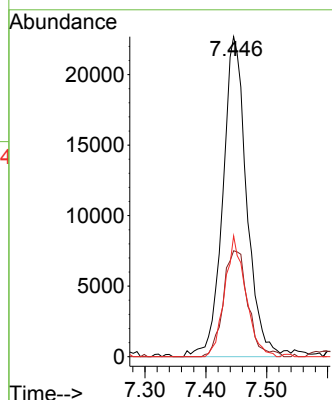
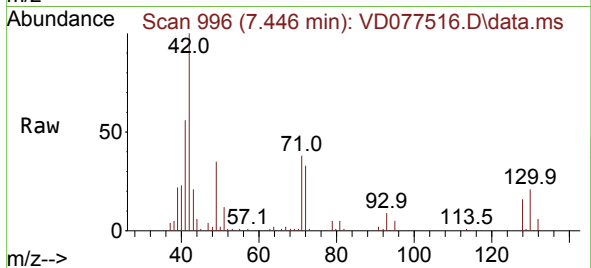
Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	61574
Ion	Ratio	Lower	Upper
42	100		
72	34.3	46.5	69.7#
71	33.3	44.5	66.7#



#30

Chloroform

Concen: 20.721 ug/l

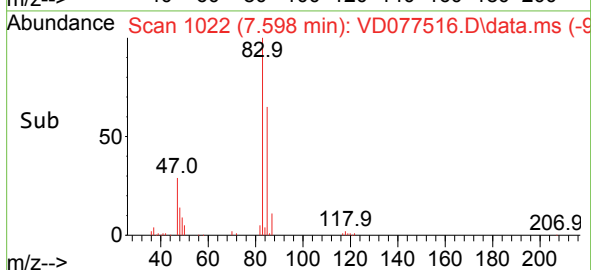
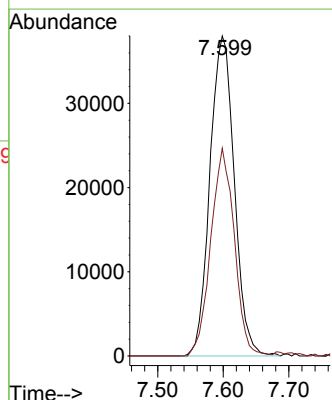
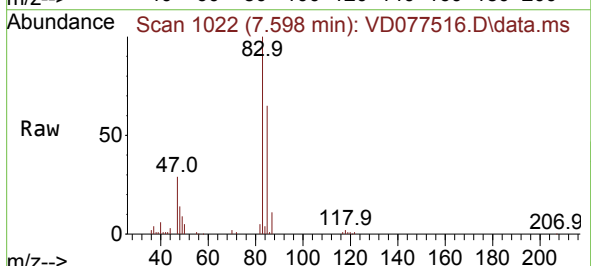
RT: 7.598 min Scan# 1022

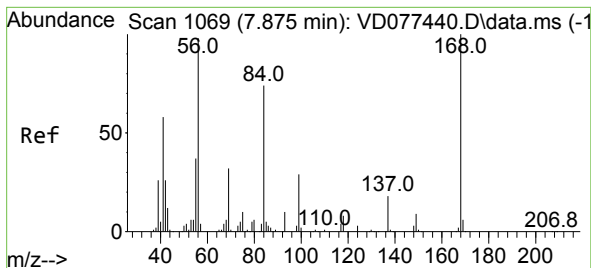
Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Tgt Ion:	83	Resp:	98187
Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.4	80.2





#31

Cyclohexane

Concen: 17.644 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

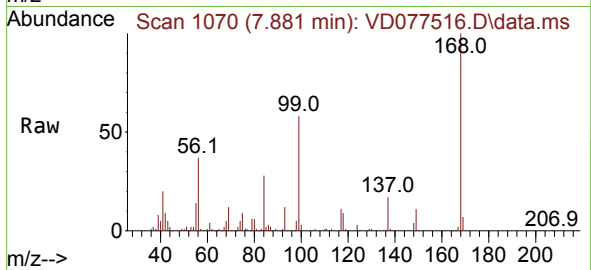
Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

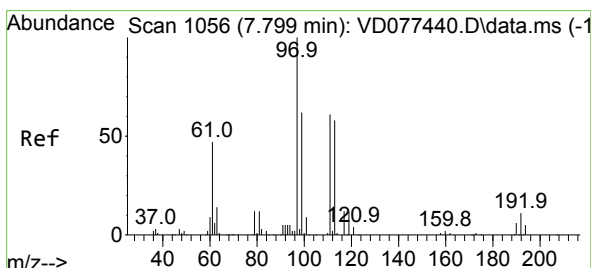
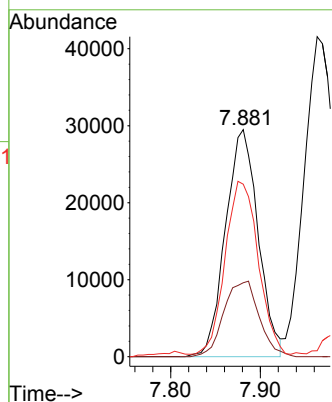
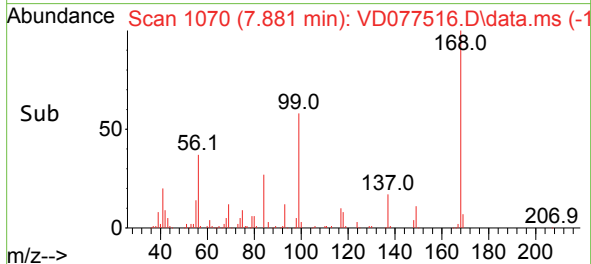
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	74466
Ion Ratio	Lower	Upper	
56	100		
69	32.6	28.6	43.0
84	74.2	84.8	127.2#



#32

1,1,1-Trichloroethane

Concen: 20.148 ug/l

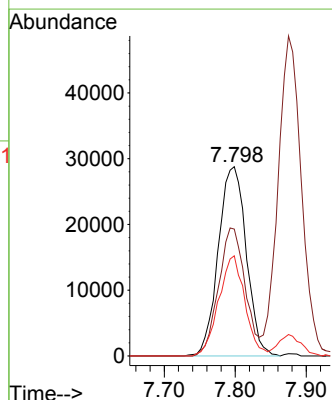
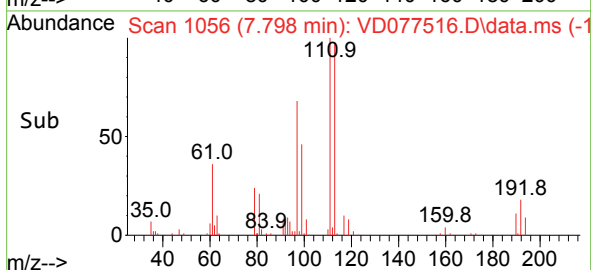
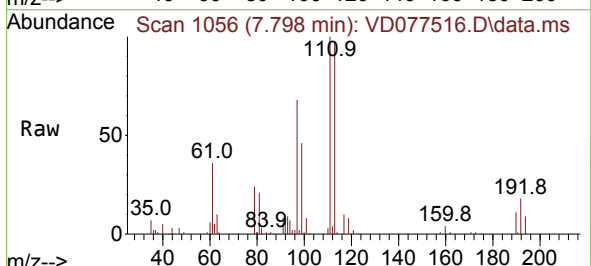
RT: 7.798 min Scan# 1056

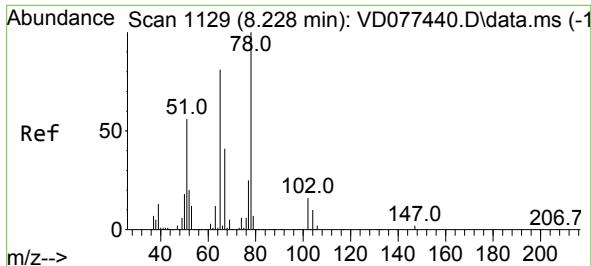
Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Tgt Ion:	97	Resp:	78661
Ion Ratio	Lower	Upper	
97	100		
99	64.2	52.0	78.0
61	49.5	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.989 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

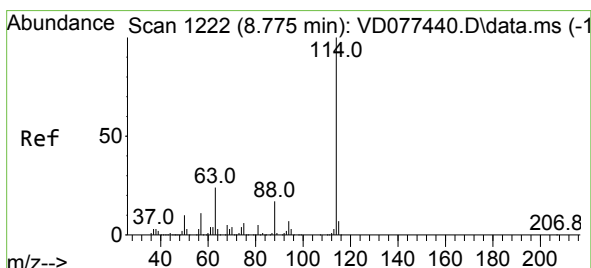
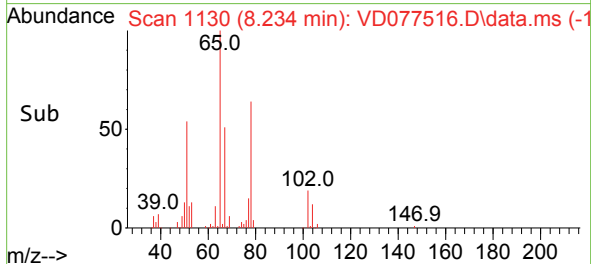
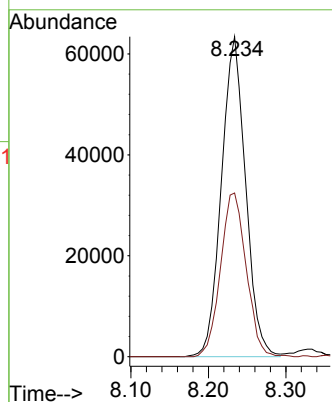
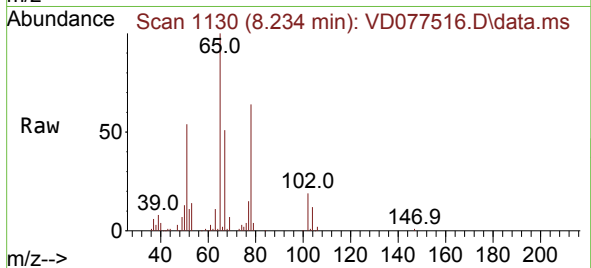
ClientSampleId :

Tgt Ion: 65 Resp: 137657

Ion Ratio Lower Upper

65 100

67 54.4 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: VD077516.D

Acq: 08 Nov 2023 11:31

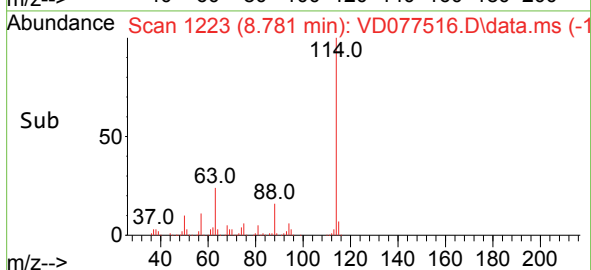
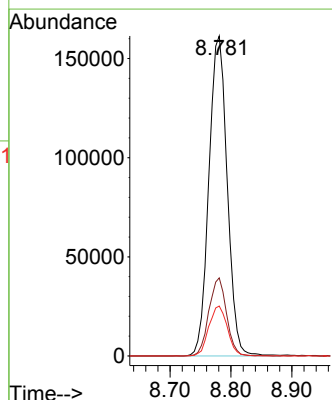
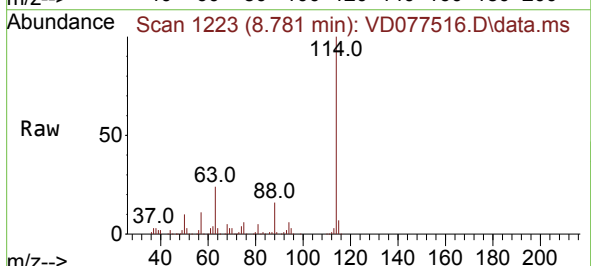
Tgt Ion: 114 Resp: 337621

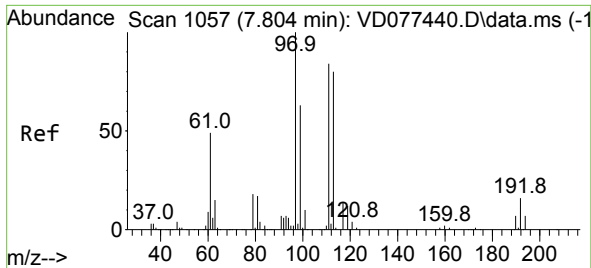
Ion Ratio Lower Upper

114 100

63 24.4 0.0 33.4

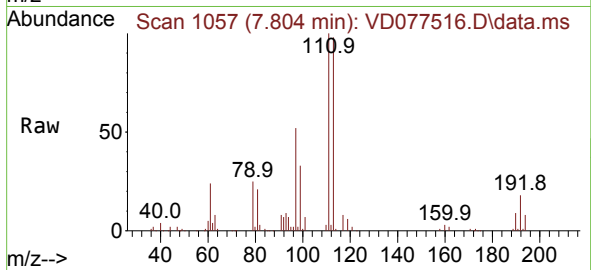
88 15.6 0.0 26.2



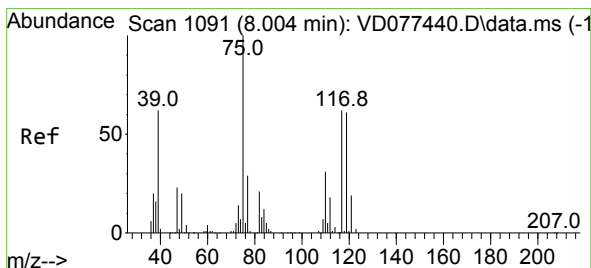
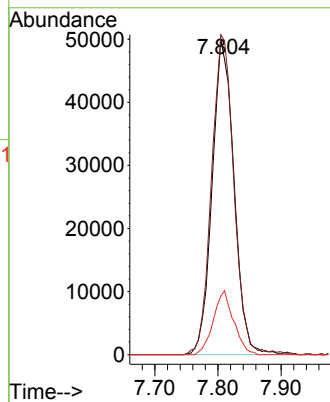
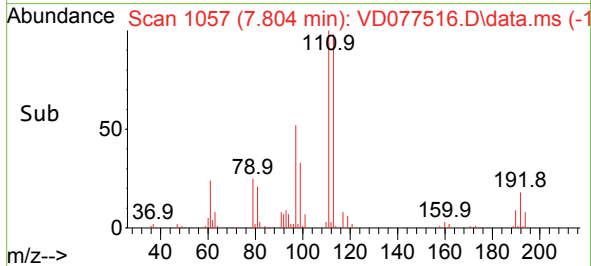


#35
Dibromofluoromethane
Concen: 51.389 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

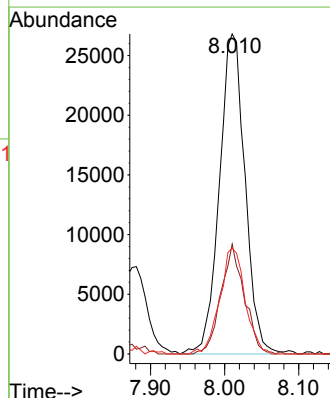
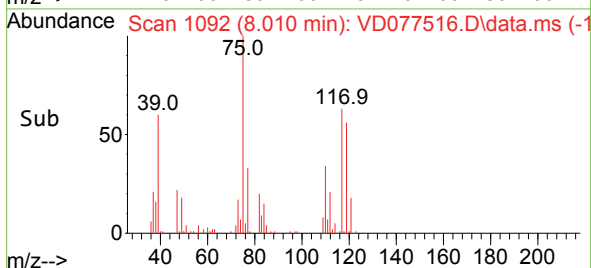
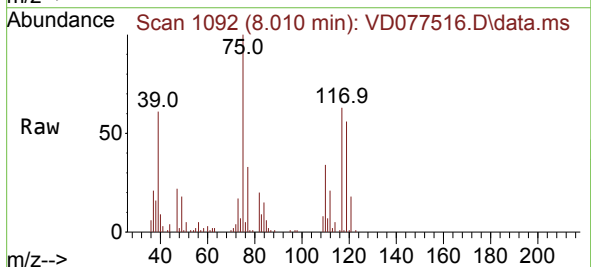


Tgt Ion:113 Resp: 119916
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 18.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.611 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 75 Resp: 64390
Ion Ratio Lower Upper
75 100
110 31.1 19.9 59.6
77 32.8 24.7 37.1





#37

Ethyl Acetate

Concen: 20.945 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

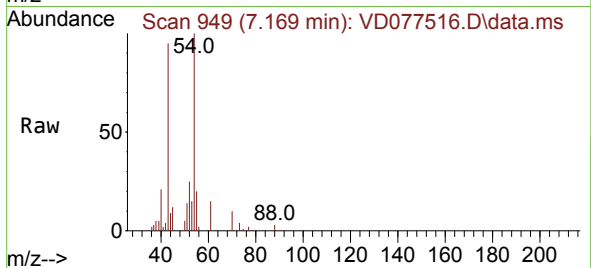
Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

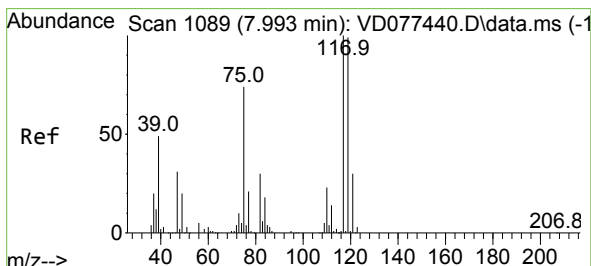
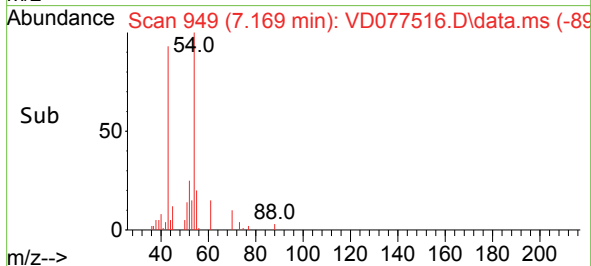
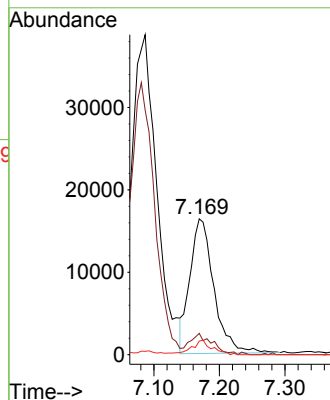
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	41586
Ion Ratio	Lower	Upper	
43	100		
61	14.9	14.9	22.3
70	9.2	10.0	15.0



#38

Carbon Tetrachloride

Concen: 20.156 ug/l

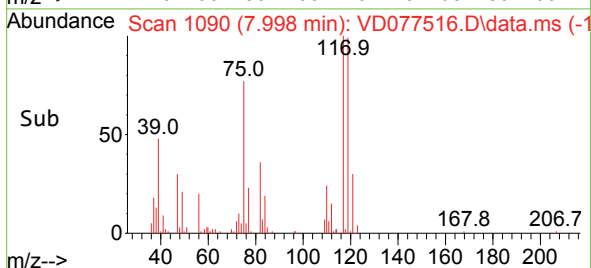
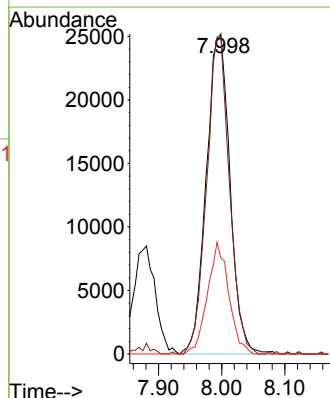
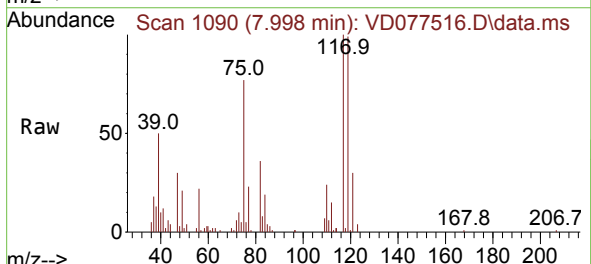
RT: 7.998 min Scan# 1090

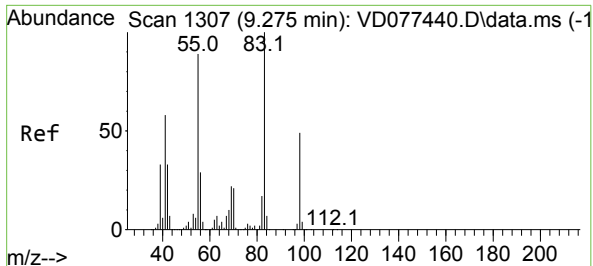
Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Tgt Ion:	117	Resp:	65714
Ion Ratio	Lower	Upper	
117	100		
119	99.2	78.0	117.0
121	30.1	24.2	36.2





#39

Methylcyclohexane

Concen: 17.361 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

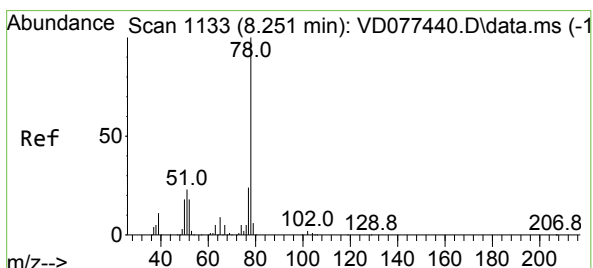
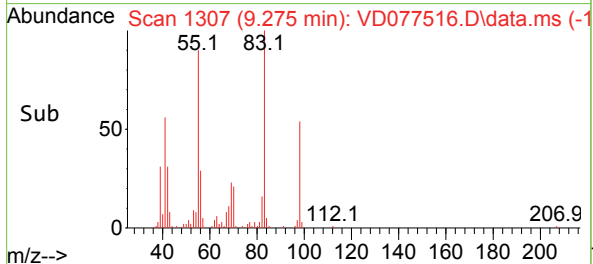
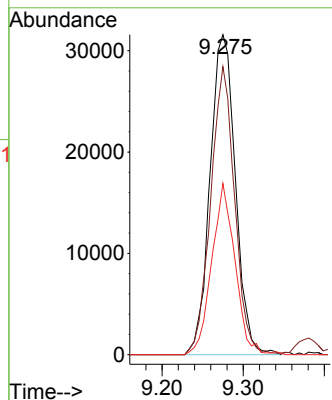
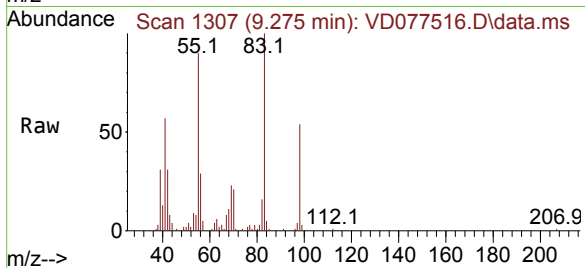
Tgt Ion: 83 Resp: 68533

Ion Ratio Lower Upper

83 100

55 90.0 49.4 74.0#

98 53.5 38.4 57.6



#40

Benzene

Concen: 20.233 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077516.D

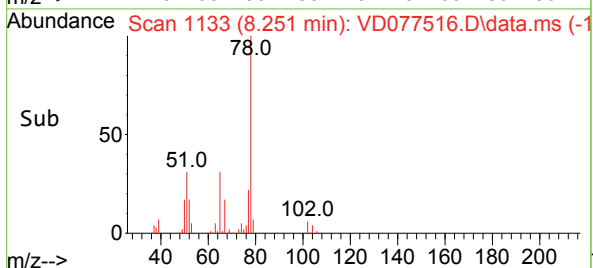
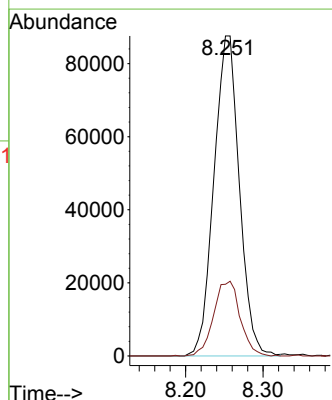
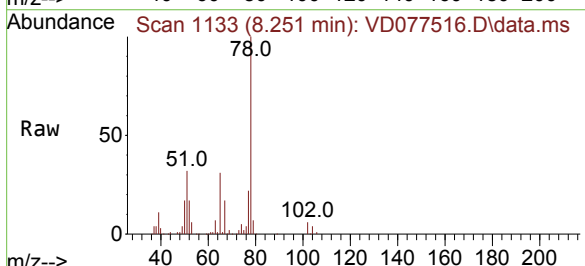
Acq: 08 Nov 2023 11:31

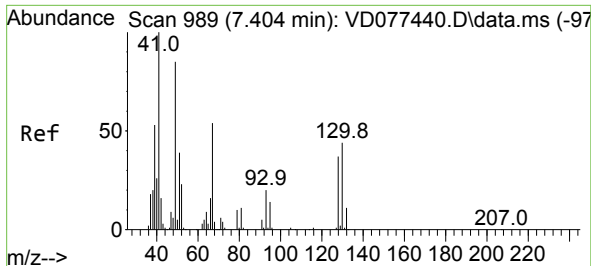
Tgt Ion: 78 Resp: 199610

Ion Ratio Lower Upper

78 100

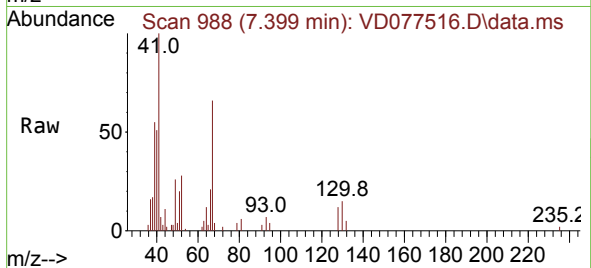
77 22.4 19.4 29.0



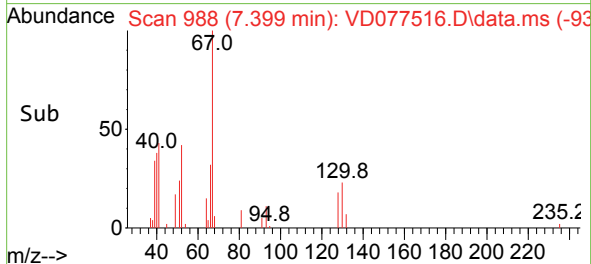
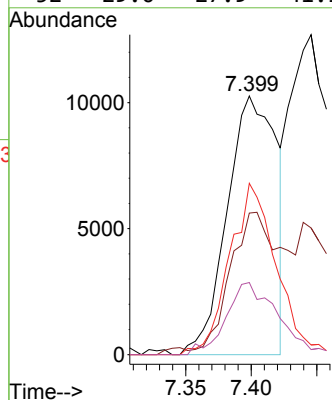


#41
Methacrylonitrile
Concen: 21.092 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

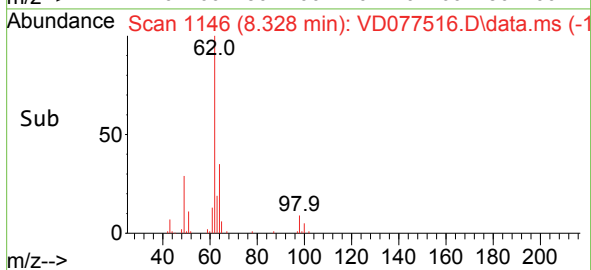
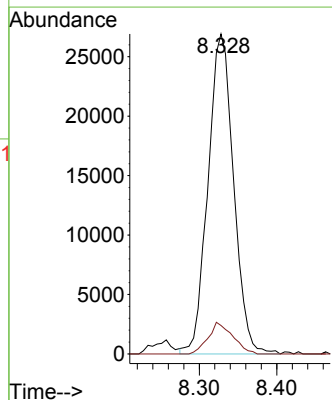
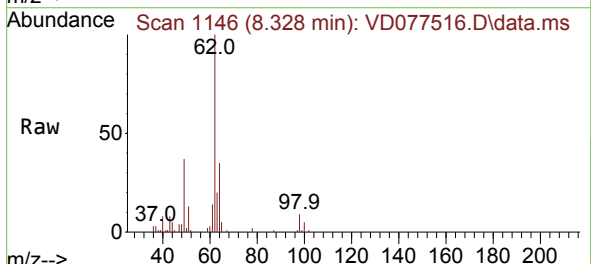


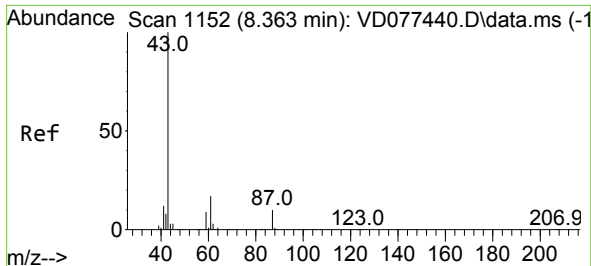
Tgt Ion: 41 Resp: 26796
Ion Ratio Lower Upper
41 100
39 56.1 34.0 51.0#
67 62.5 77.0 115.4#
52 29.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.779 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

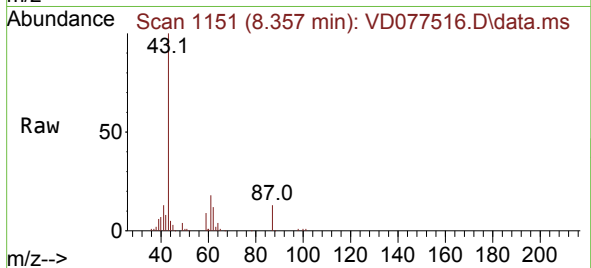
Tgt Ion: 62 Resp: 61804
Ion Ratio Lower Upper
62 100
98 9.5 0.0 25.4



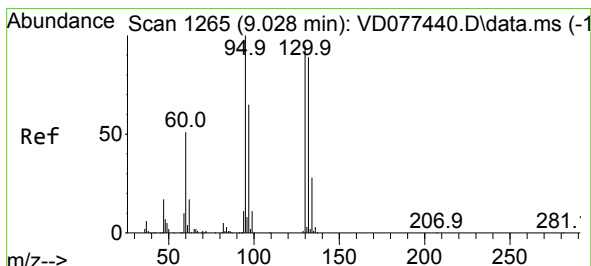
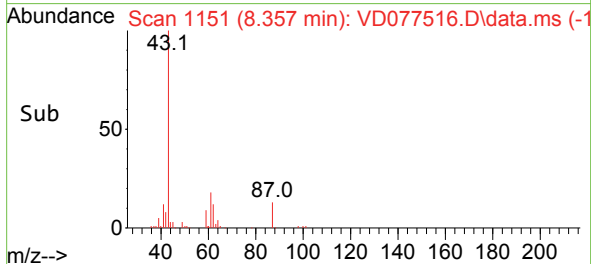
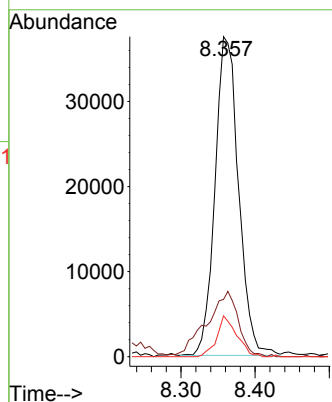


#43
Isopropyl Acetate
Concen: 20.177 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

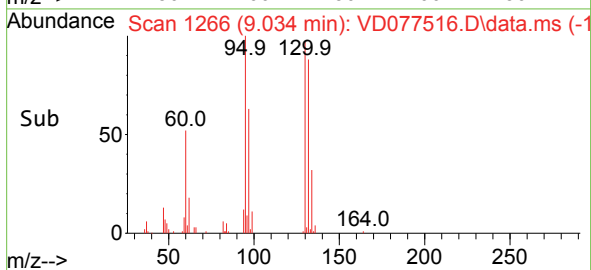
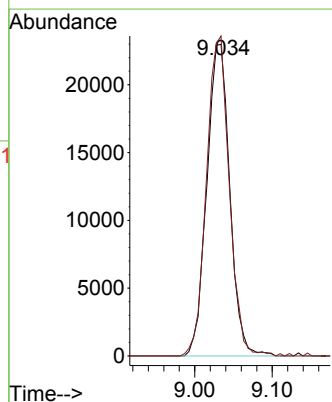
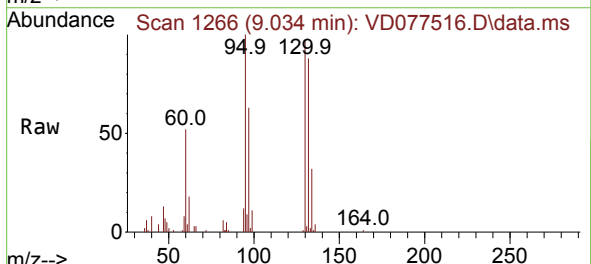


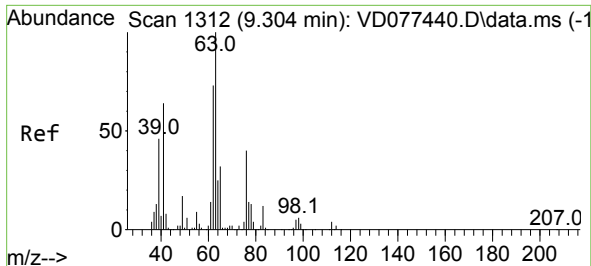
Tgt Ion: 43 Resp: 82673
Ion Ratio Lower Upper
43 100
61 27.7 31.4 47.0#
87 10.8 14.9 22.3#



#44
Trichloroethene
Concen: 19.594 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion:130 Resp: 47351
Ion Ratio Lower Upper
130 100
95 102.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.442 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

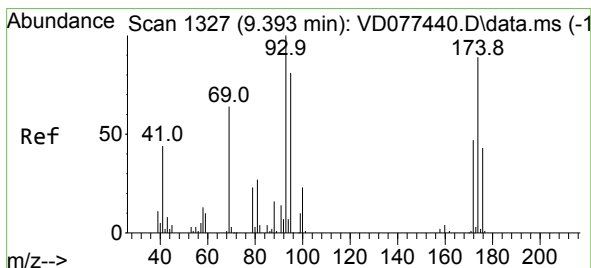
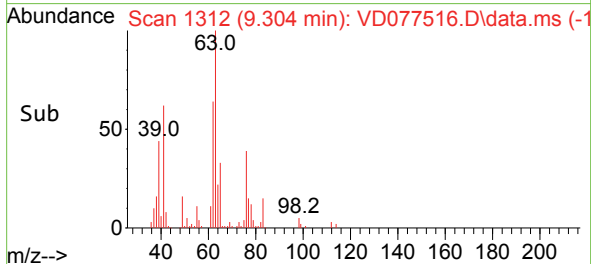
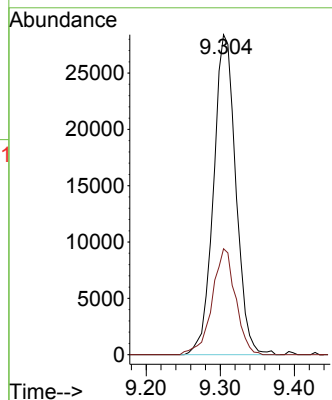
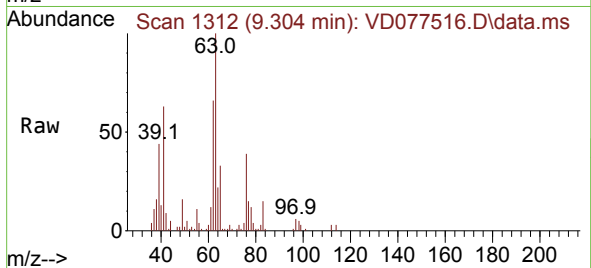
ClientSampleId :

Tgt Ion: 63 Resp: 59373

Ion Ratio Lower Upper

63 100

65 33.1 24.5 36.7



#46

Dibromomethane

Concen: 19.490 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

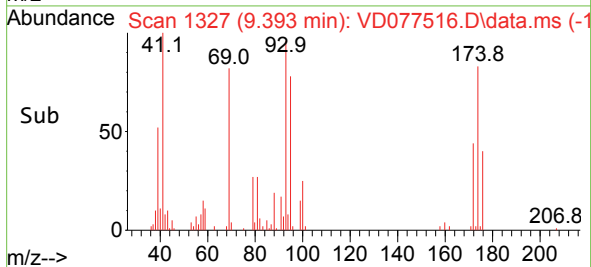
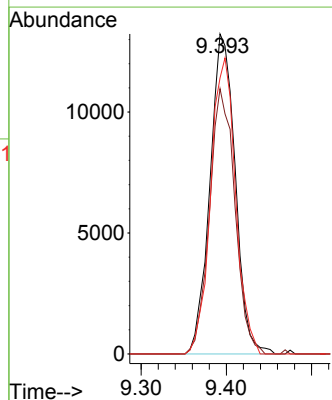
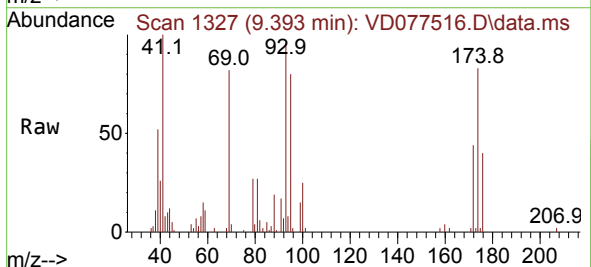
Tgt Ion: 93 Resp: 27243

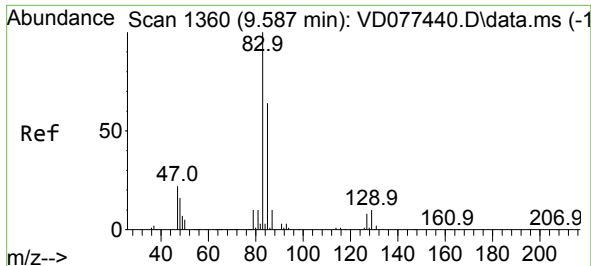
Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

174 91.1 85.4 128.2

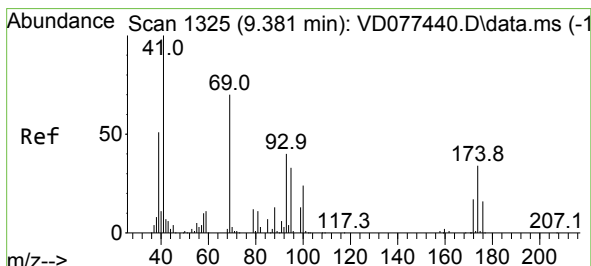
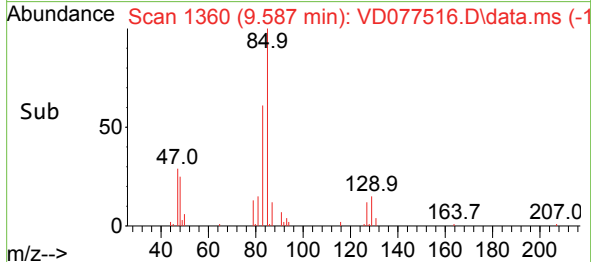
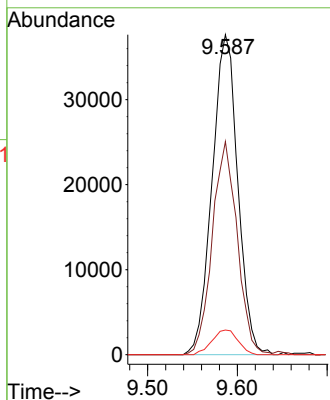
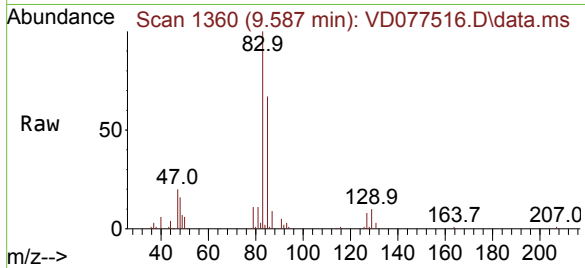




#47
Bromodichloromethane
Concen: 20.210 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

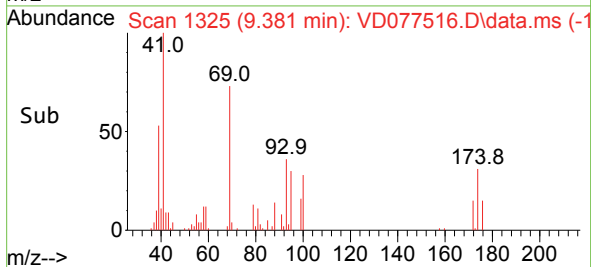
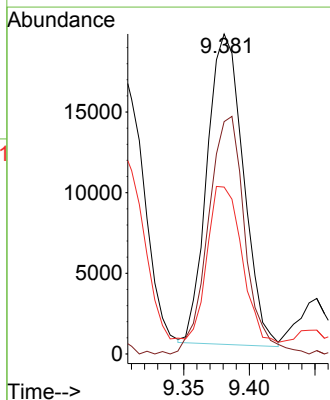
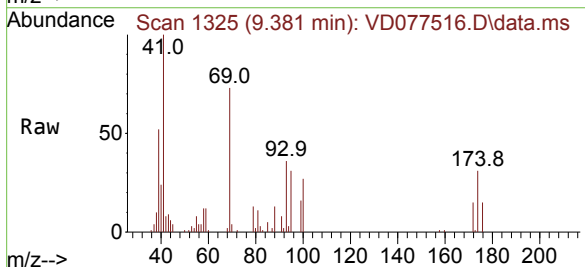
Instrument :
MSVOA_D
ClientSampleId :

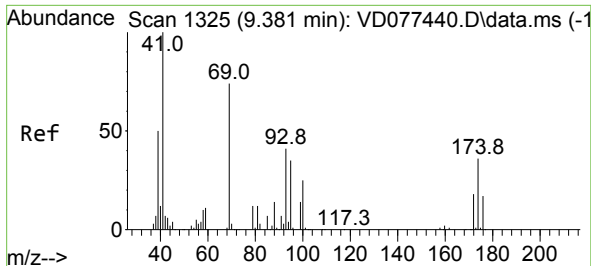
Tgt Ion: 83 Resp: 74667
Ion Ratio Lower Upper
83 100
85 66.6 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 18.897 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 41 Resp: 36959
Ion Ratio Lower Upper
41 100
69 77.9 102.2 153.2#
39 54.5 41.4 62.2





#49

1,4-Dioxane

Concen: 439.627 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

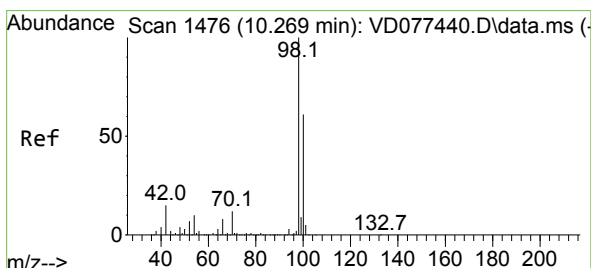
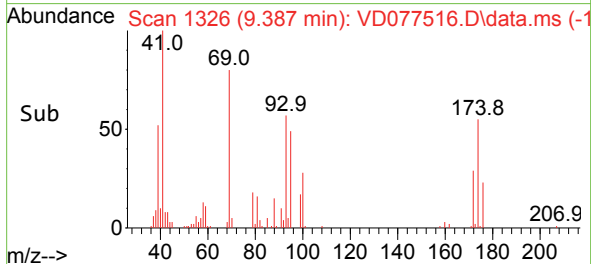
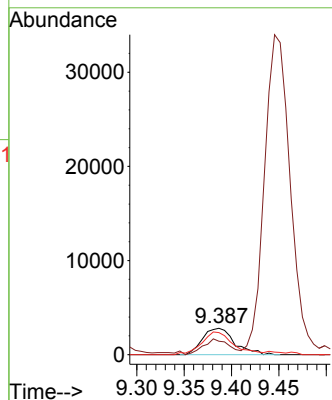
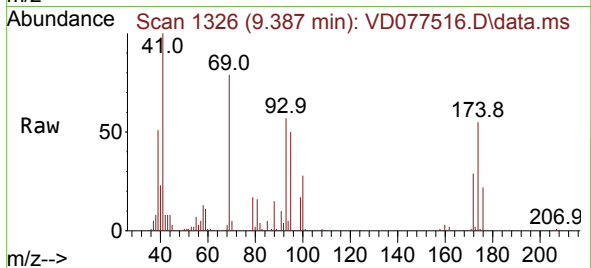
Tgt Ion: 88 Resp: 6603

Ion Ratio Lower Upper

88 100

43 48.1 19.0 28.6#

58 84.7 43.5 65.3#



#50

Toluene-d8

Concen: 54.435 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077516.D

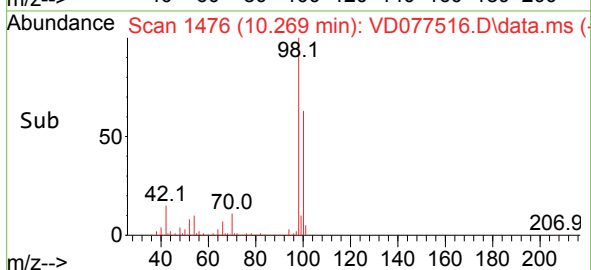
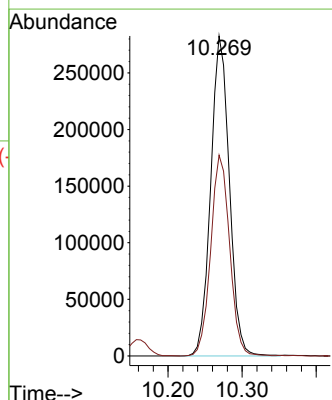
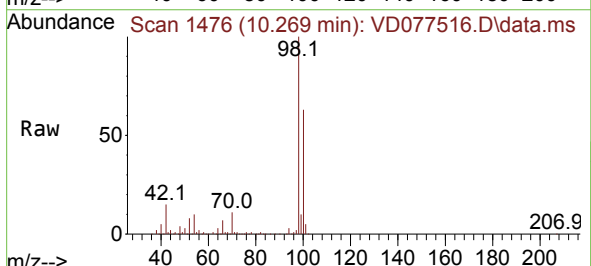
Acq: 08 Nov 2023 11:31

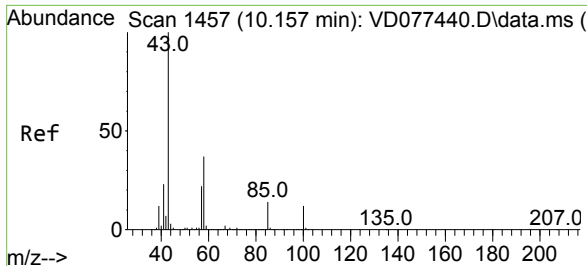
Tgt Ion: 98 Resp: 493391

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

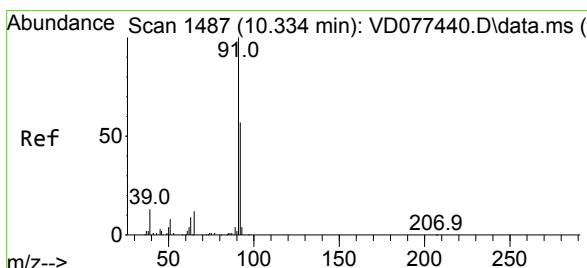
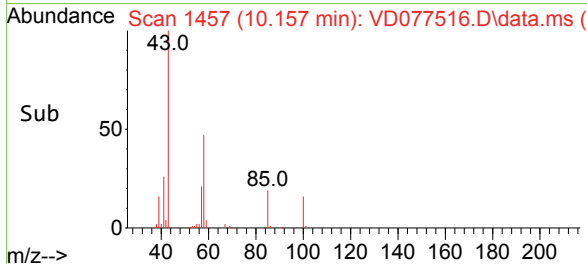
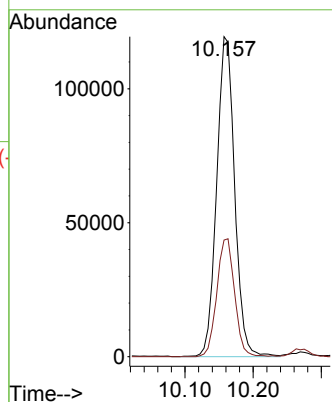
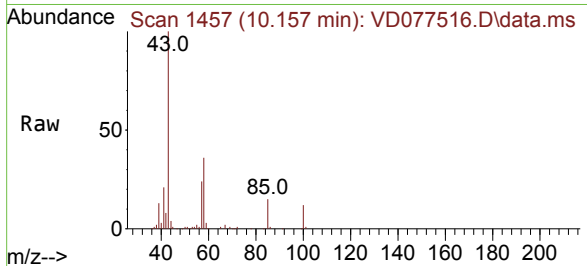




#51
4-Methyl-2-Pentanone
Concen: 108.910 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

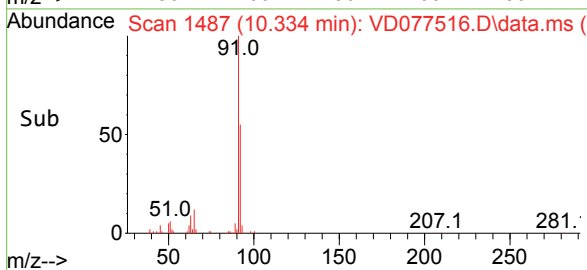
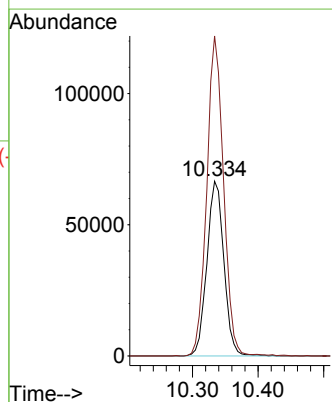
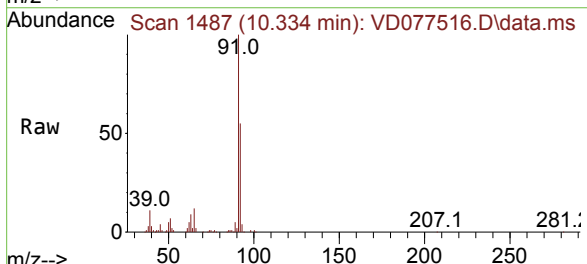
Instrument :
MSVOA_D
ClientSampleId :

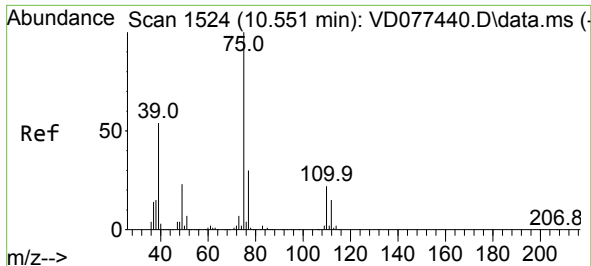
Tgt Ion: 43 Resp: 219649
Ion Ratio Lower Upper
43 100
58 36.4 38.9 58.3#



#52
Toluene
Concen: 19.972 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 92 Resp: 120121
Ion Ratio Lower Upper
92 100
91 181.1 143.0 214.4

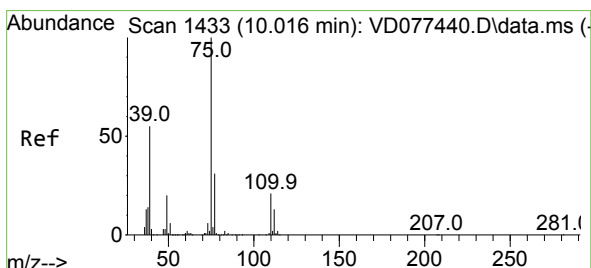
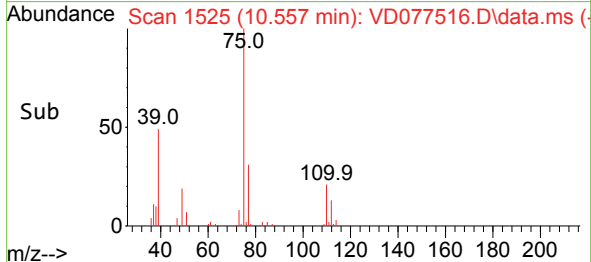
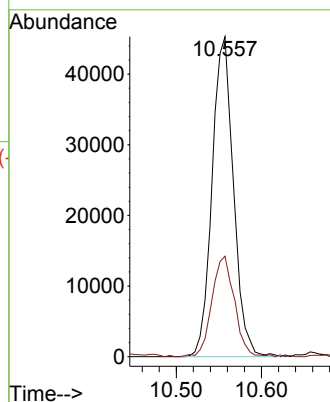
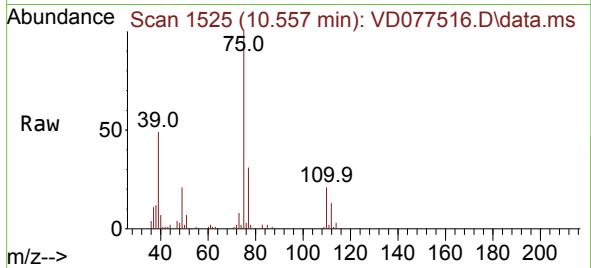




#53
t-1,3-Dichloropropene
Concen: 20.167 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

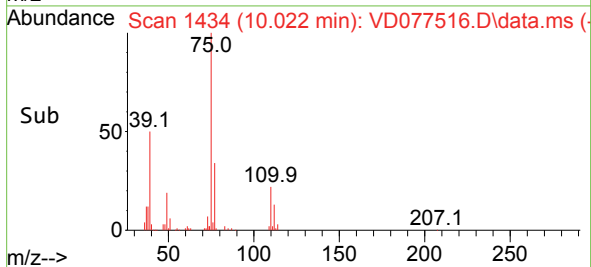
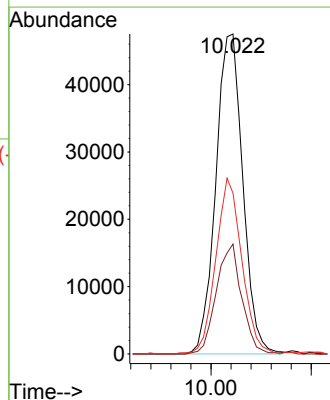
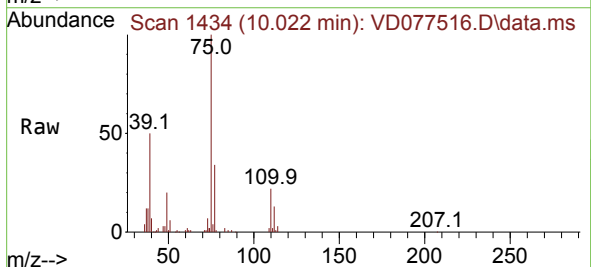
Instrument :
MSVOA_D
ClientSampleId :

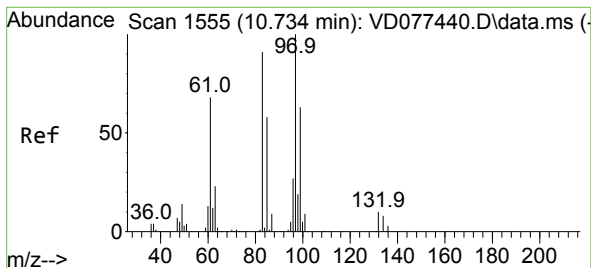
Tgt Ion: 75 Resp: 78895
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.695 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 75 Resp: 88663
Ion Ratio Lower Upper
75 100
77 34.4 25.5 38.3
39 50.2 22.1 33.1#

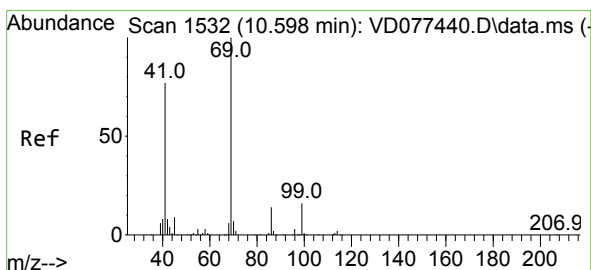
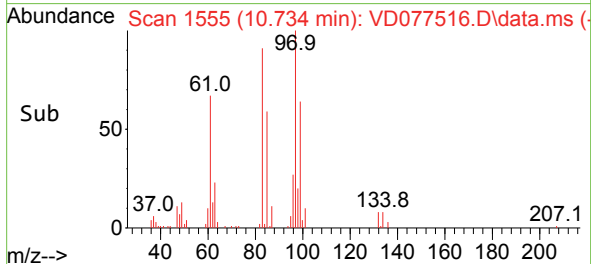
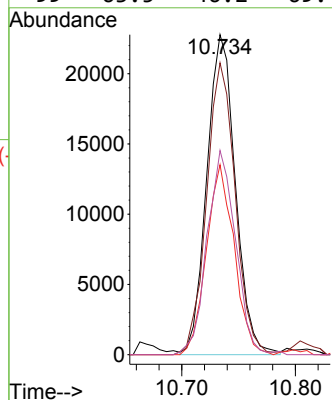
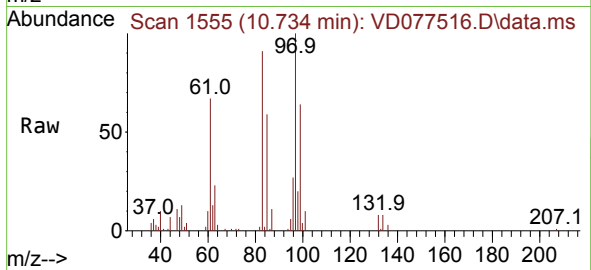




#55
1,1,2-Trichloroethane
Concen: 21.362 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

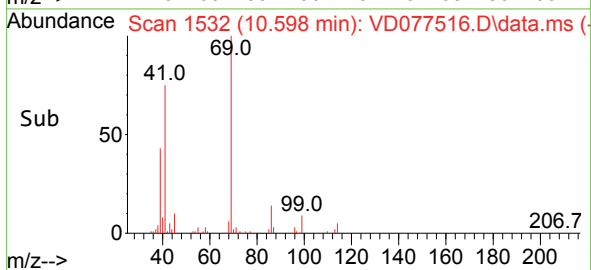
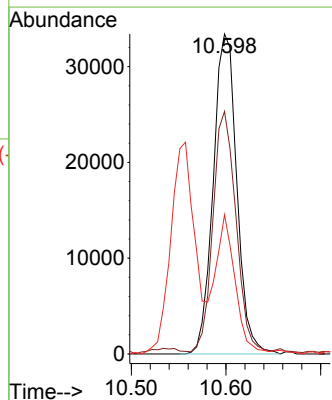
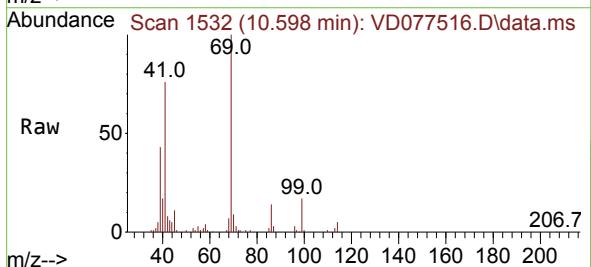
Instrument :
MSVOA_D
ClientSampleId :

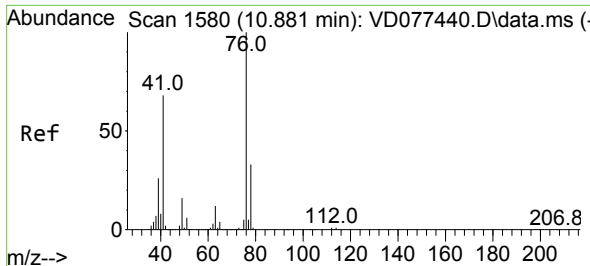
Tgt Ion:	97	Resp:	39838
Ion	Ratio	Lower	Upper
97	100		
83	91.0	65.8	98.6
85	59.8	45.7	68.5
99	63.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.899 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion:	69	Resp:	57947
Ion	Ratio	Lower	Upper
69	100		
41	73.2	39.1	58.7#
39	34.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 21.076 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

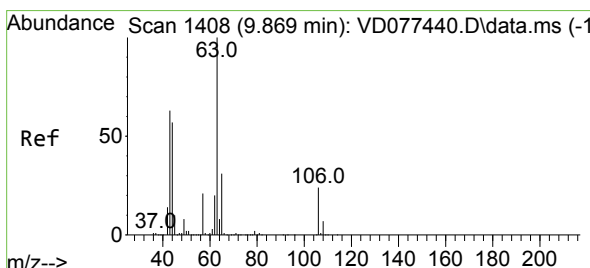
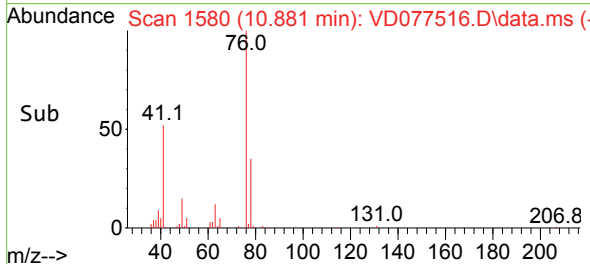
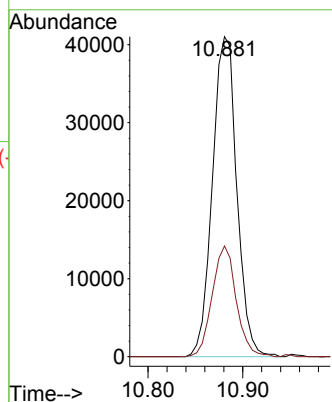
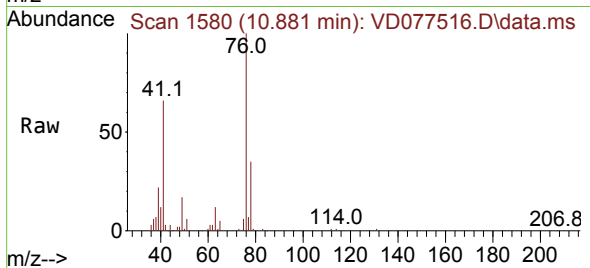
ClientSampleId :

Tgt Ion: 76 Resp: 73464

Ion Ratio Lower Upper

76 100

78 34.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.350 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077516.D

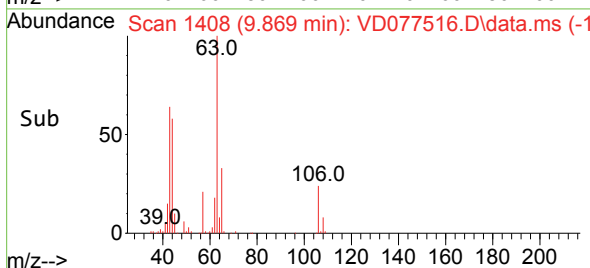
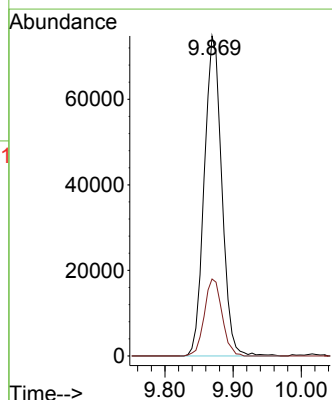
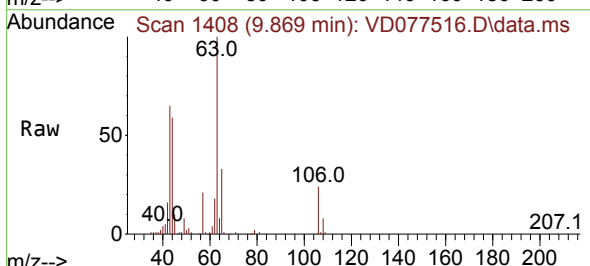
Acq: 08 Nov 2023 11:31

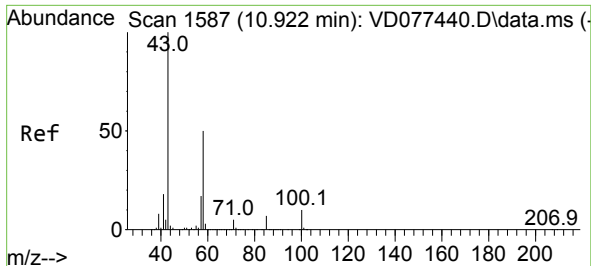
Tgt Ion: 63 Resp: 133745

Ion Ratio Lower Upper

63 100

106 24.3 25.3 37.9

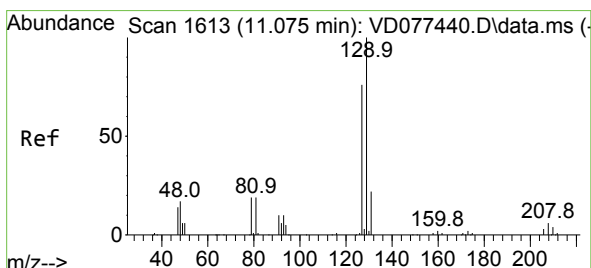
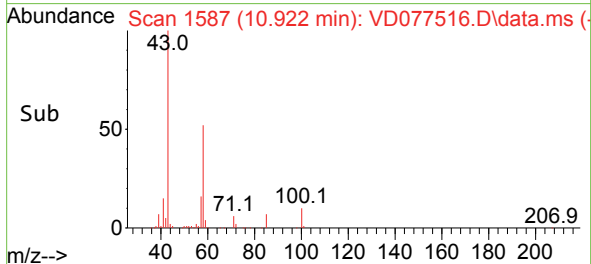
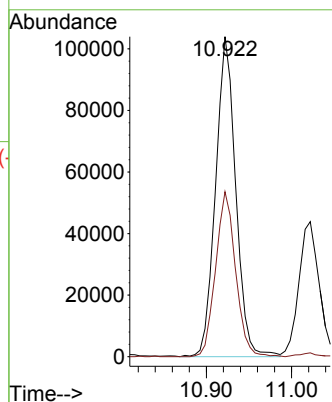
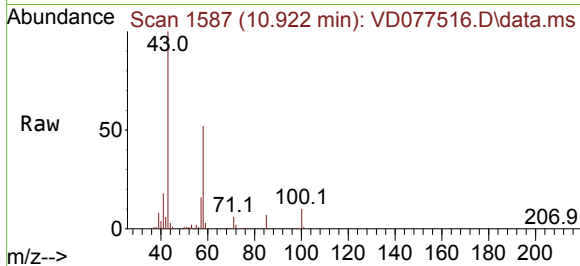




#59
2-Hexanone
Concen: 114.806 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

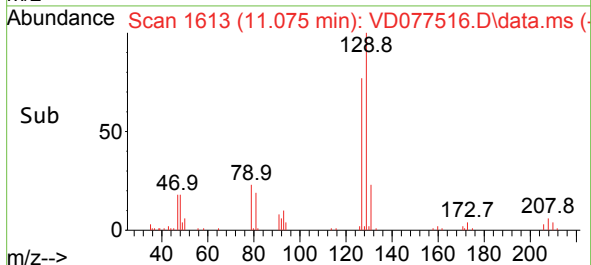
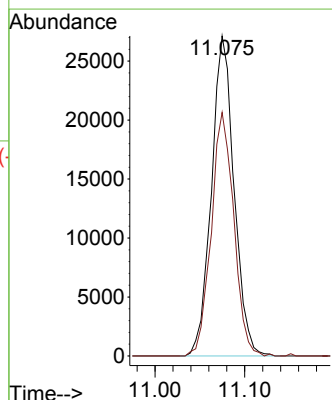
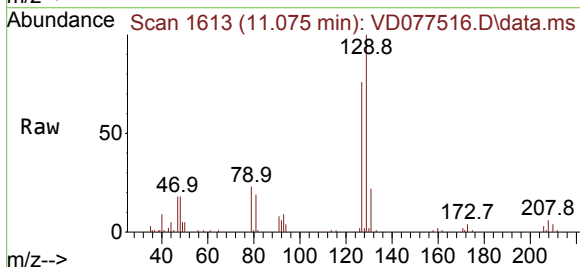
Instrument :
MSVOA_D
ClientSampleId :

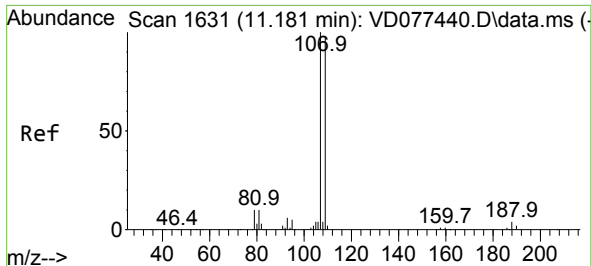
Tgt Ion: 43 Resp: 170569
Ion Ratio Lower Upper
43 100
58 51.1 34.1 102.2



#60
Dibromochloromethane
Concen: 21.202 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion:129 Resp: 47545
Ion Ratio Lower Upper
129 100
127 75.7 37.1 111.5

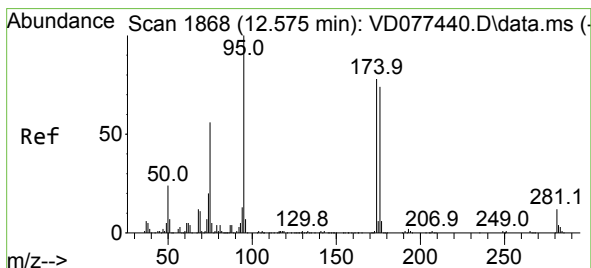
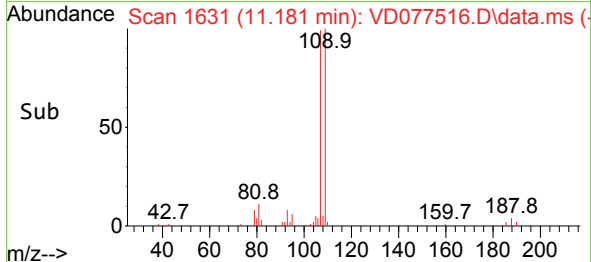
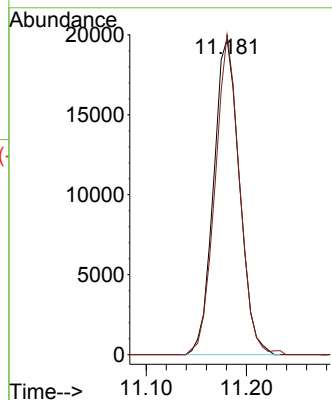
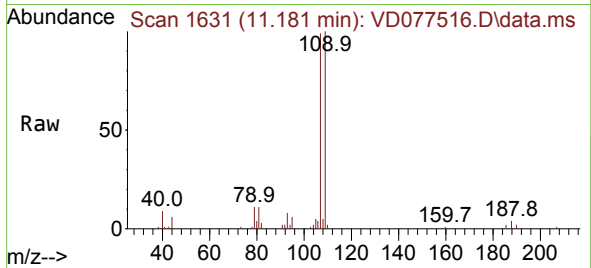




#61
1,2-Dibromoethane
Concen: 20.024 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

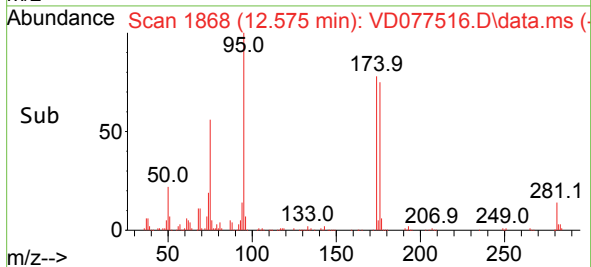
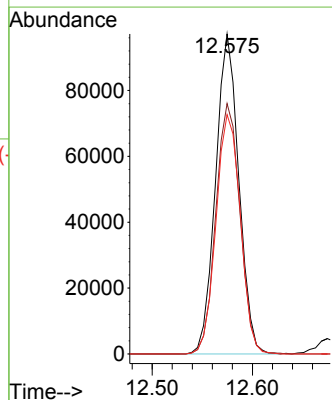
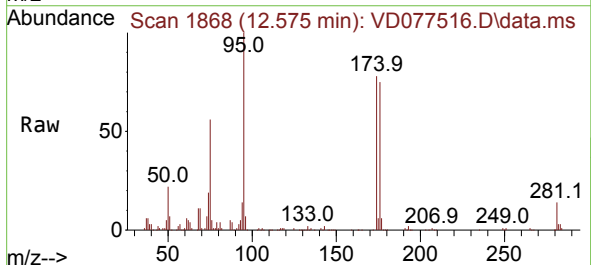
Instrument :
MSVOA_D
ClientSampleId :

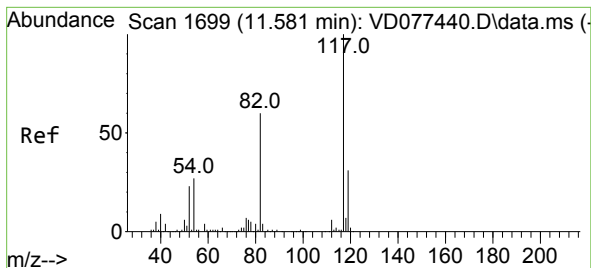
Tgt Ion:107 Resp: 35363
Ion Ratio Lower Upper
107 100
109 96.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.167 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 95 Resp: 156201
Ion Ratio Lower Upper
95 100
174 81.3 0.0 201.8
176 78.5 0.0 191.8

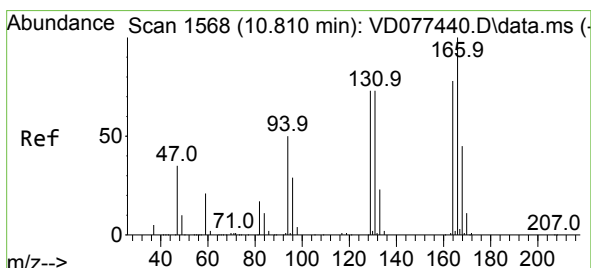
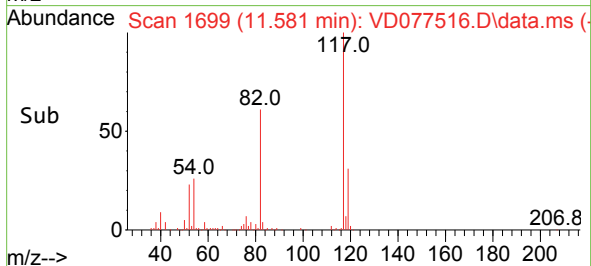
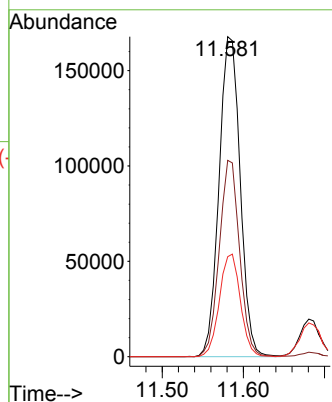
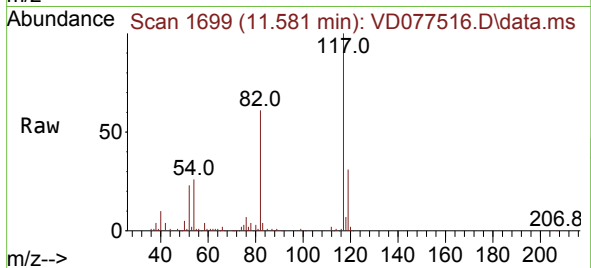




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

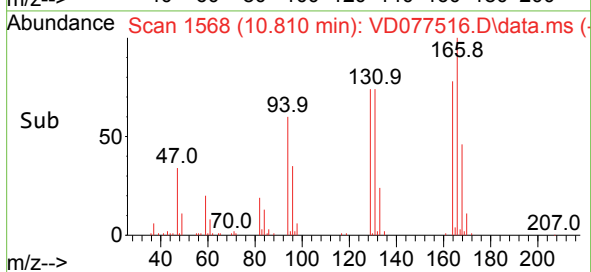
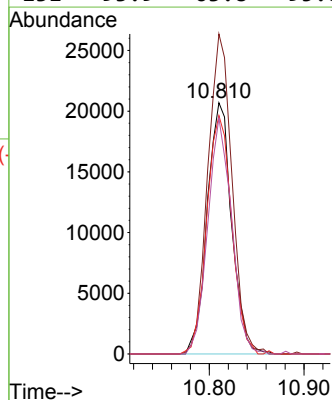
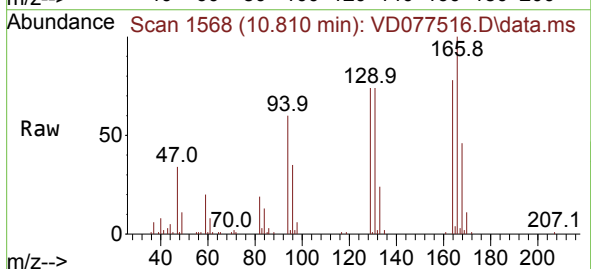
Instrument :
MSVOA_D
ClientSampleId :

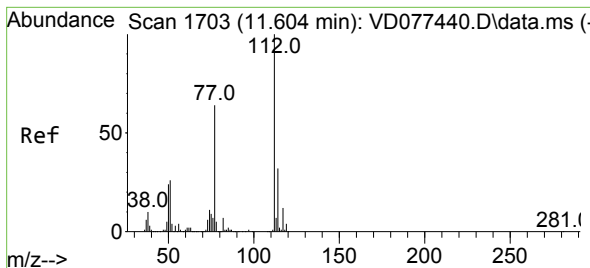
Tgt Ion:117 Resp: 303799
Ion Ratio Lower Upper
117 100
82 61.4 38.3 57.5#
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 19.222 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion:164 Resp: 37179
Ion Ratio Lower Upper
164 100
166 127.4 99.2 148.8
129 94.9 68.4 102.6
131 93.9 63.8 95.8





#65

Chlorobenzene

Concen: 20.946 ug/l

RT: 11.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

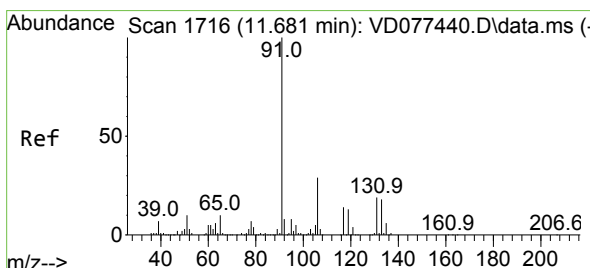
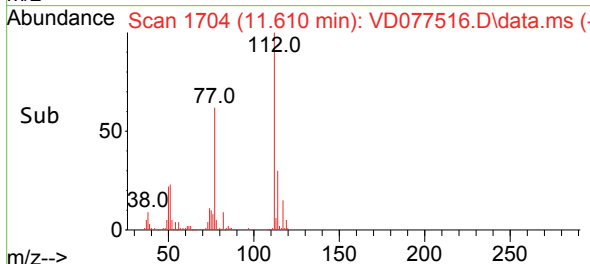
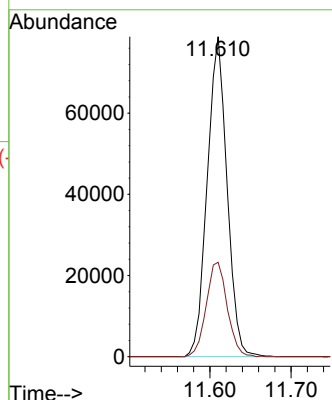
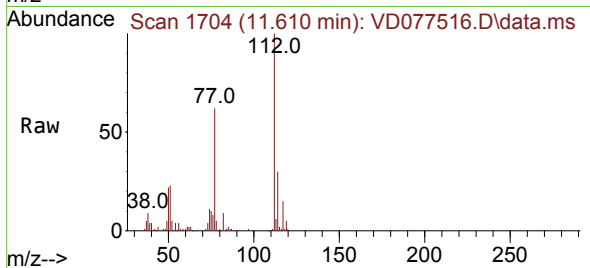
ClientSampleId :

Tgt Ion:112 Resp: 133312

Ion Ratio Lower Upper

112 100

114 29.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.660 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

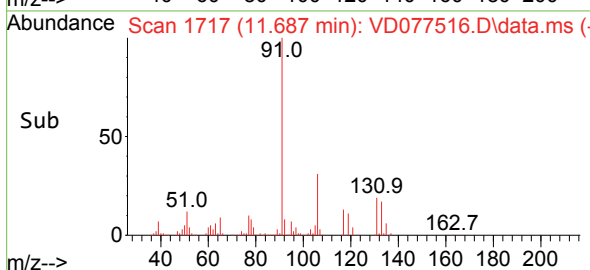
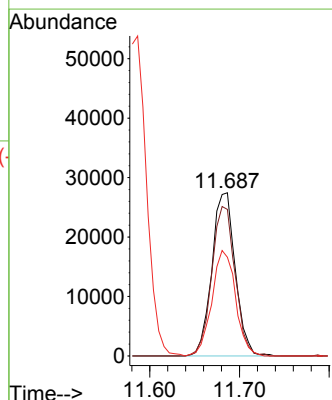
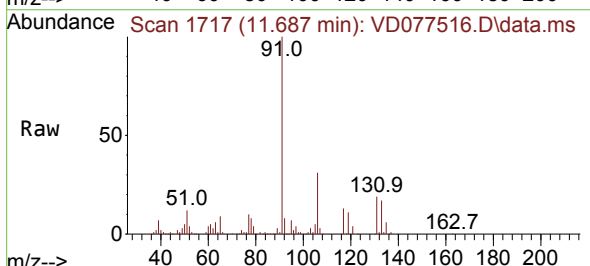
Tgt Ion:131 Resp: 49691

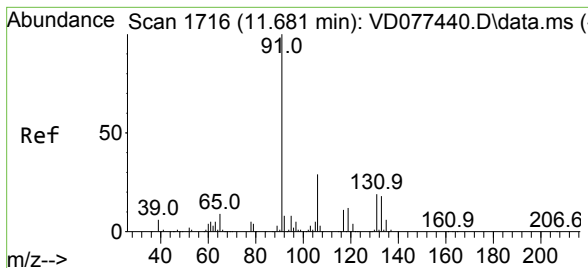
Ion Ratio Lower Upper

131 100

133 91.5 48.5 145.5

119 65.4 35.6 106.9





#67

Ethyl Benzene

Concen: 20.628 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

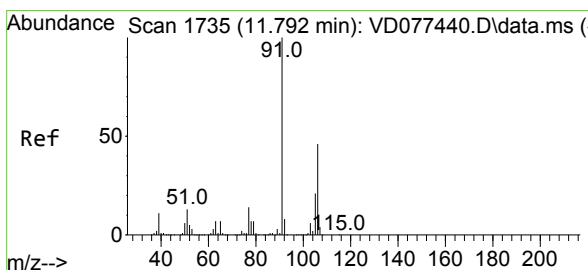
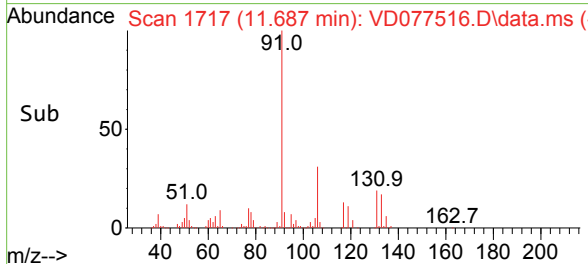
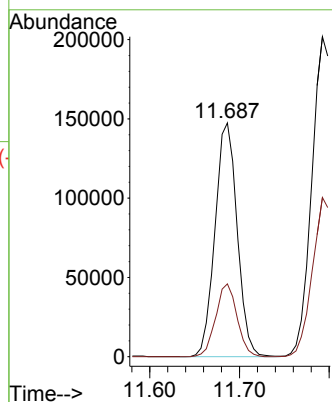
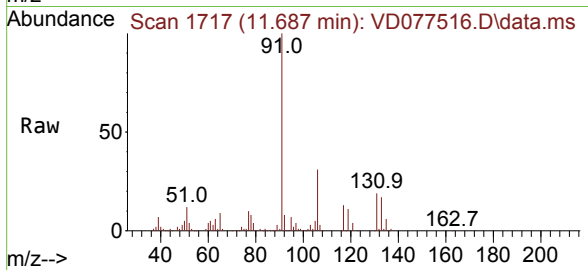
ClientSampleId :

Tgt Ion: 91 Resp: 252608

Ion Ratio Lower Upper

91 100

106 31.1 26.5 39.7



#68

m/p-Xylenes

Concen: 41.878 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD077516.D

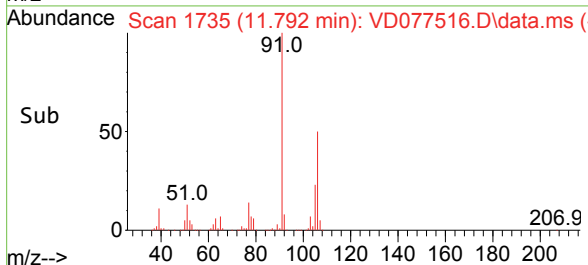
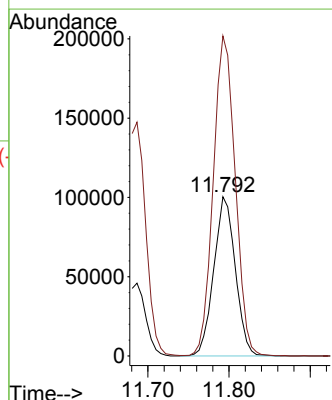
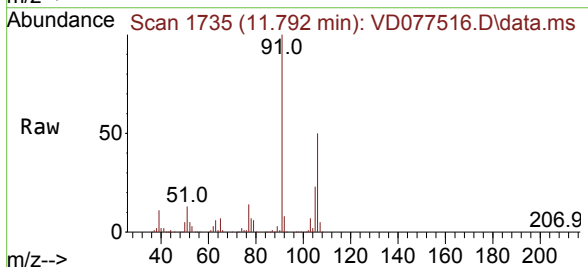
Acq: 08 Nov 2023 11:31

Tgt Ion:106 Resp: 185192

Ion Ratio Lower Upper

106 100

91 205.1 147.0 220.6

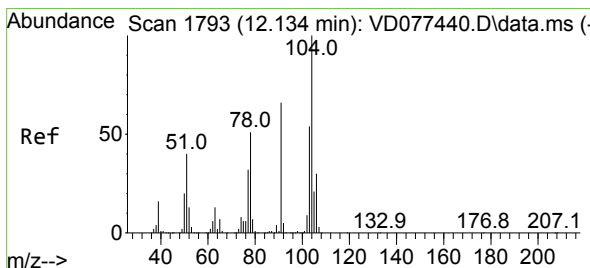
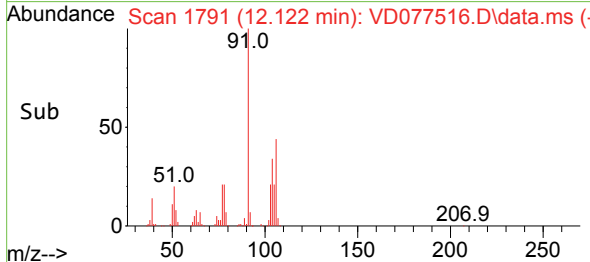
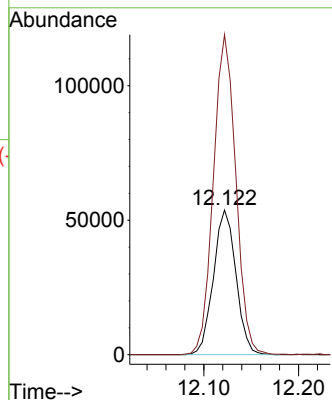
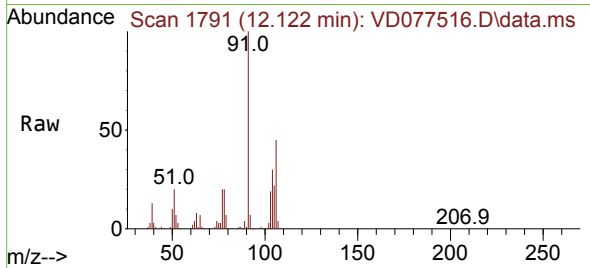




#69
o-Xylene
Concen: 20.997 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

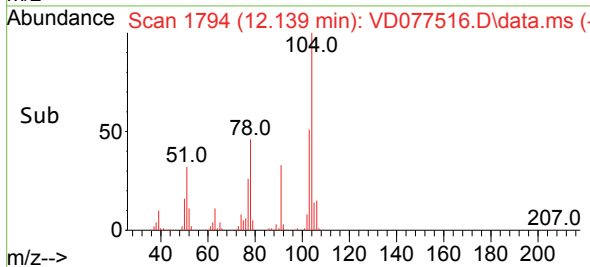
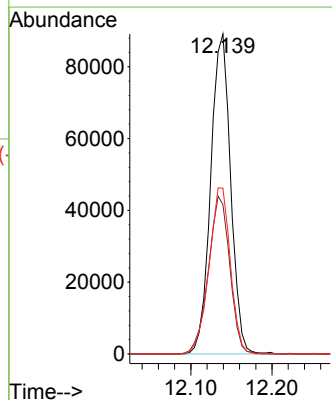
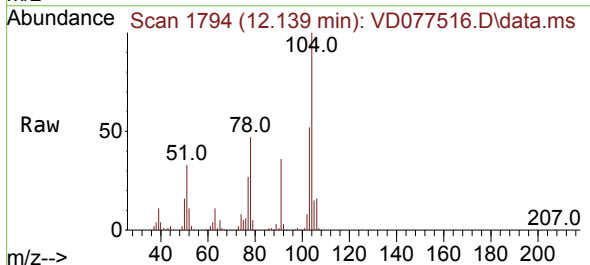
Instrument :
MSVOA_D
ClientSampleId :

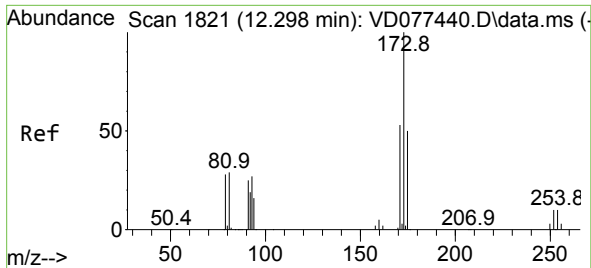
Tgt Ion:106 Resp: 88938
Ion Ratio Lower Upper
106 100
91 220.1 97.9 293.6



#70
Styrene
Concen: 20.814 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion:104 Resp: 152097
Ion Ratio Lower Upper
104 100
78 52.9 33.2 49.8#
103 55.5 43.6 65.4

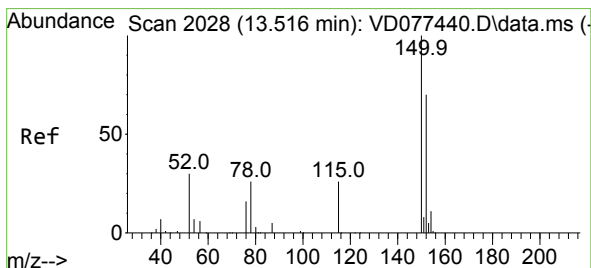
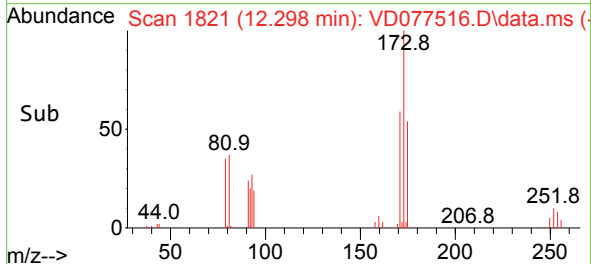
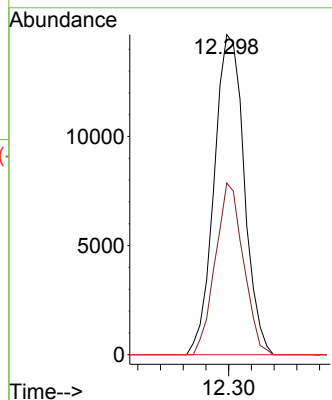
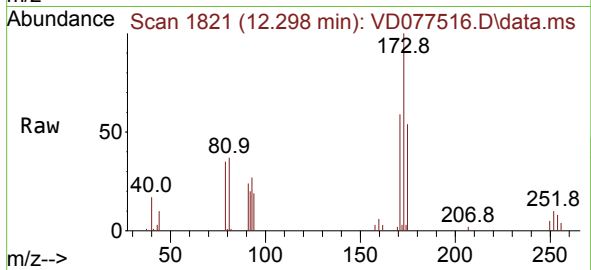




#71
Bromoform
Concen: 20.194 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

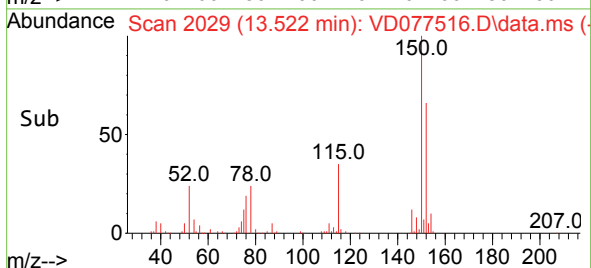
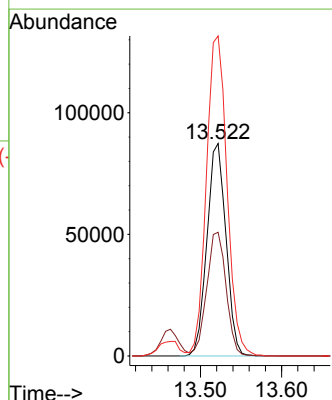
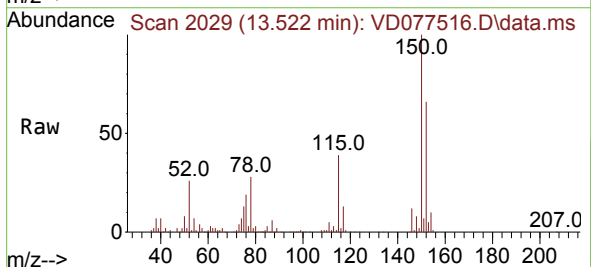
Instrument :
MSVOA_D
ClientSampleId :

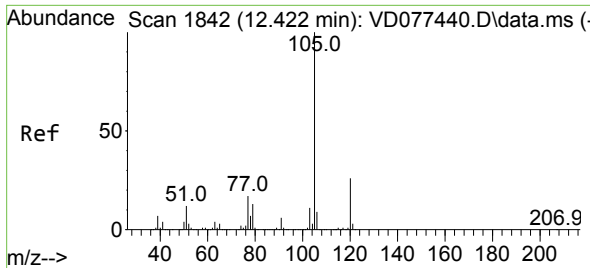
Tgt Ion:173 Resp: 26927
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

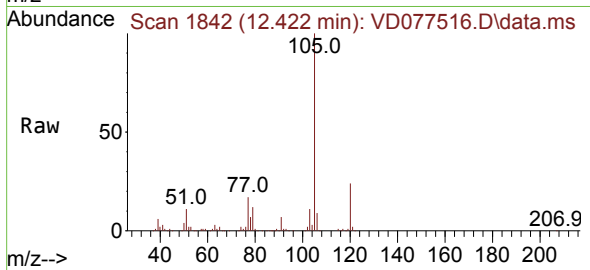
Tgt Ion:152 Resp: 142273
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 163.2 0.0 353.6



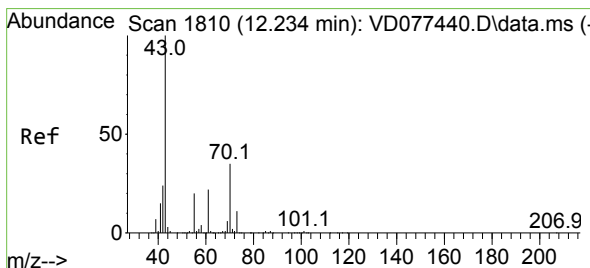
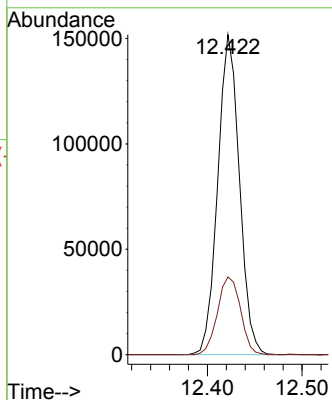
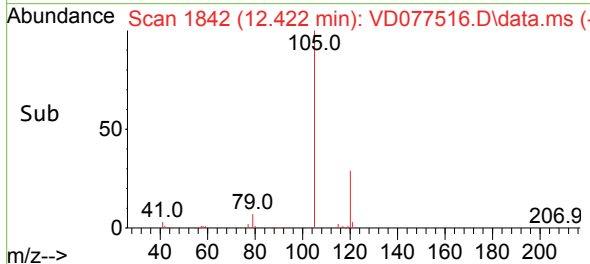


#73
Isopropylbenzene
Concen: 20.801 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

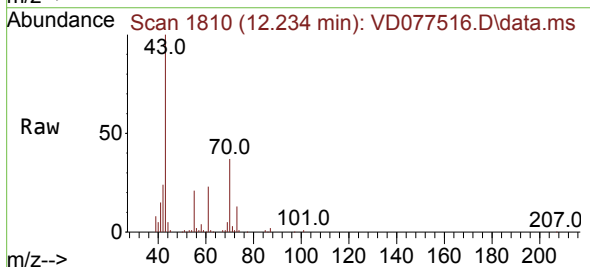
Instrument :
MSVOA_D
ClientSampleId :



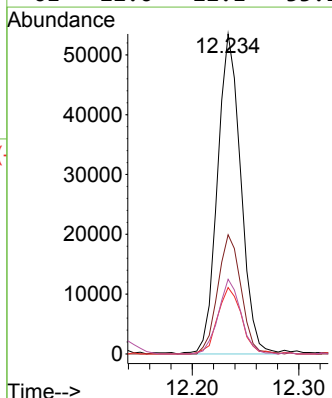
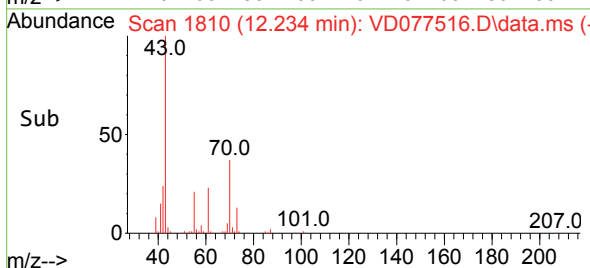
Tgt Ion:105 Resp: 241286
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9

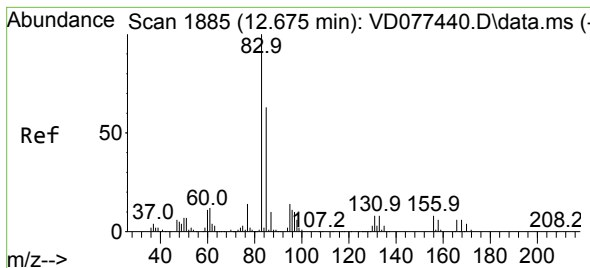


#74
N-ethyl acetate
Concen: 19.816 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31



Tgt Ion: 43 Resp: 81416
Ion Ratio Lower Upper
43 100
70 37.2 45.0 67.4#
55 21.3 23.8 35.6#
61 22.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.505 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

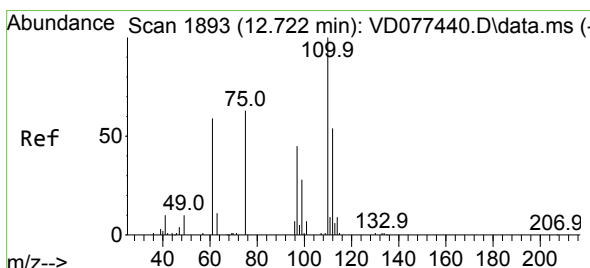
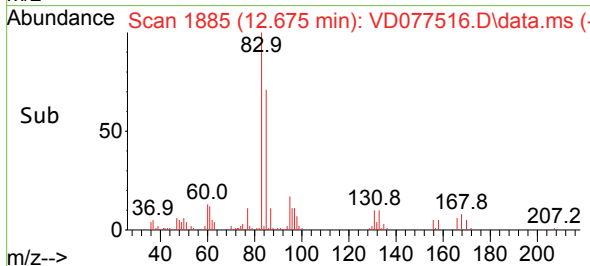
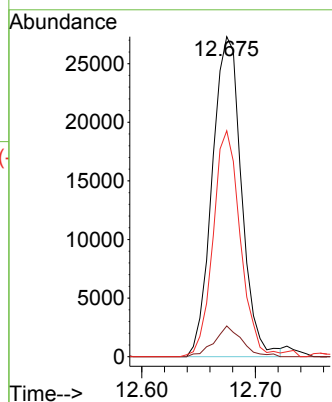
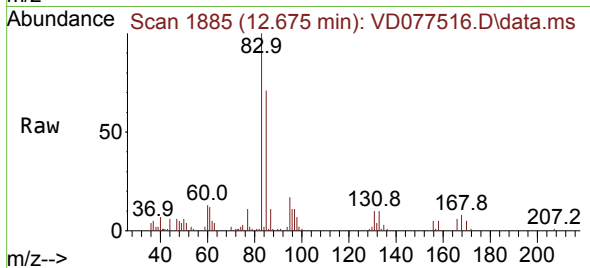
Tgt Ion: 83 Resp: 48898

Ion Ratio Lower Upper

83 100

131 9.1 5.1 15.3

85 65.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.962 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077516.D

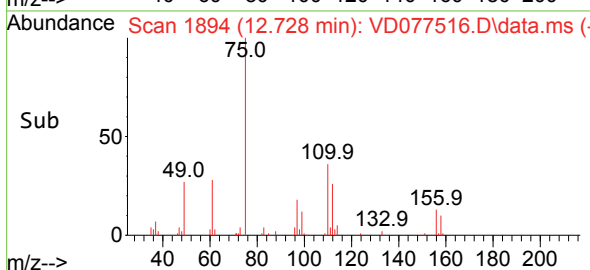
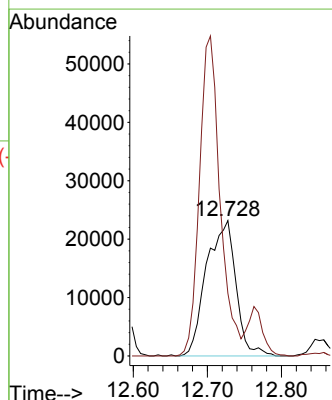
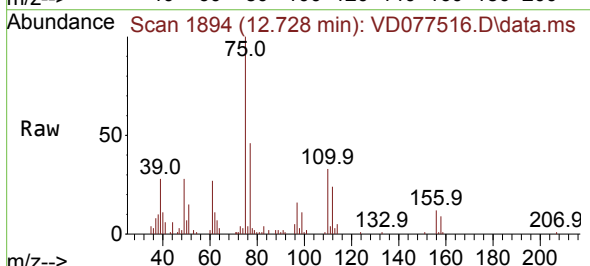
Acq: 08 Nov 2023 11:31

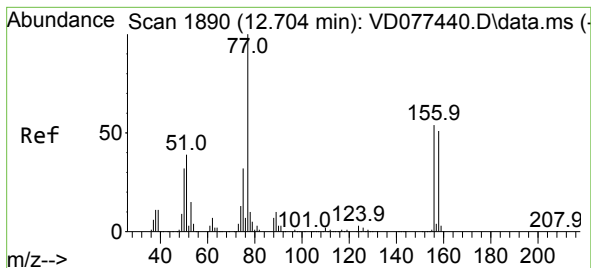
Tgt Ion: 75 Resp: 64003

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.169 ug/l

RT: 12.704 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077516.D

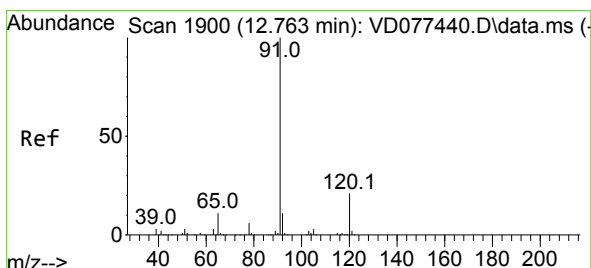
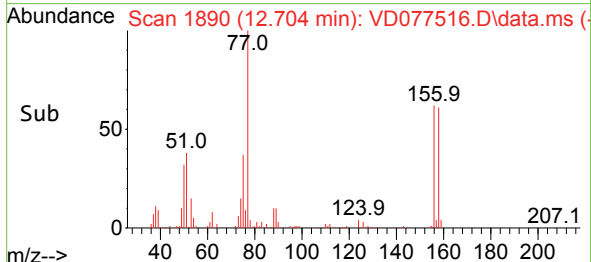
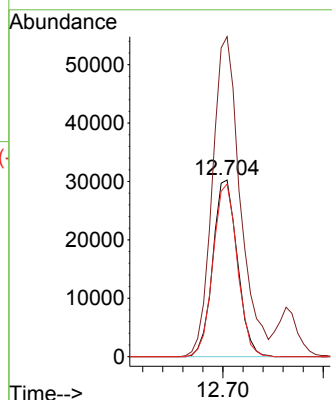
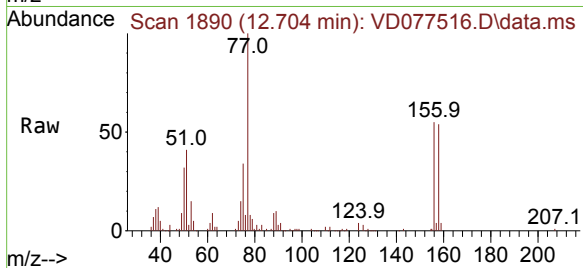
Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	51496
Ion Ratio	Lower	Upper	
156	100		
77	205.6	76.8	230.4
158	96.8	48.6	145.9



#78

n-propylbenzene

Concen: 20.542 ug/l

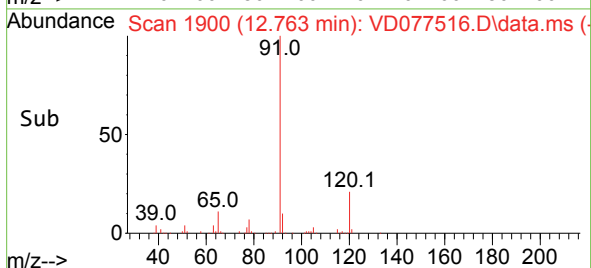
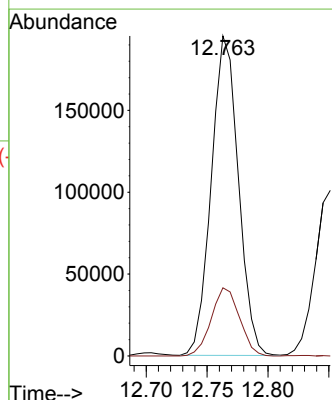
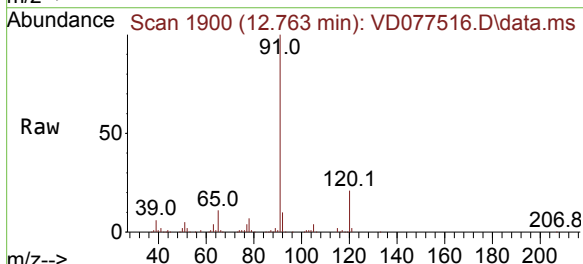
RT: 12.763 min Scan# 1900

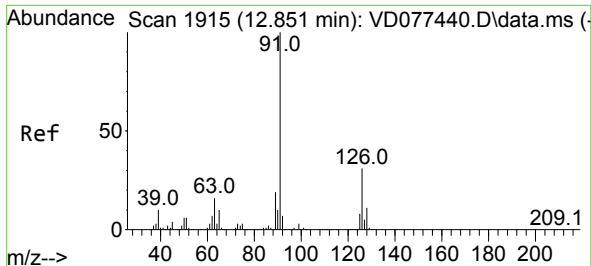
Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Tgt Ion:	91	Resp:	302551
Ion Ratio	Lower	Upper	
91	100		
120	22.2	12.4	37.2

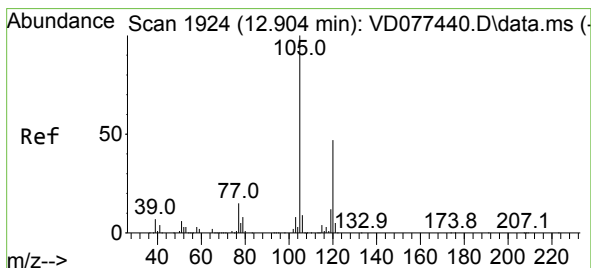
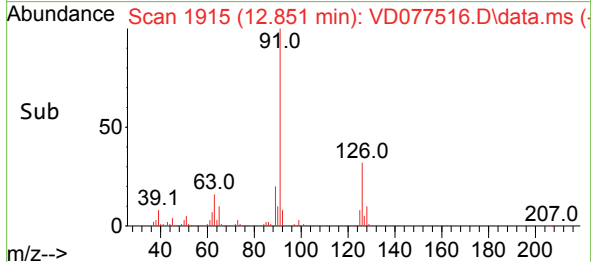
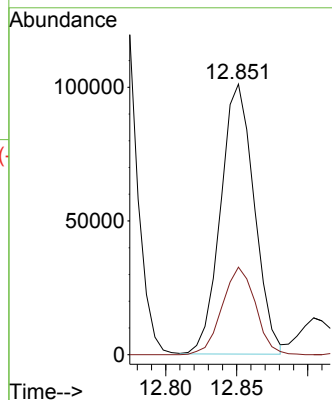
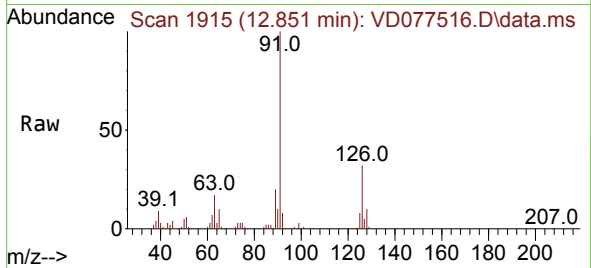




#79
2-Chlorotoluene
Concen: 19.987 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

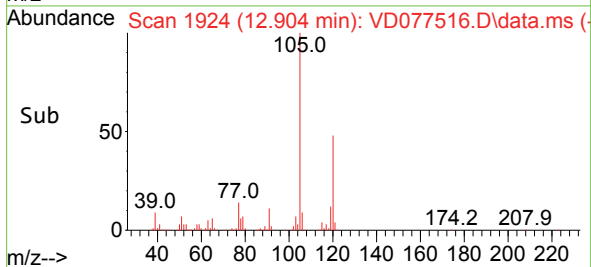
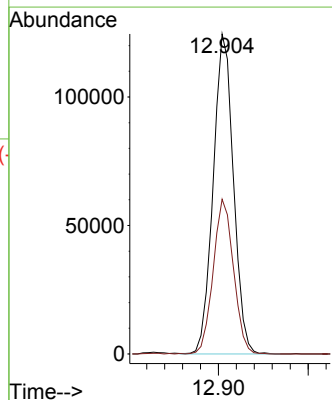
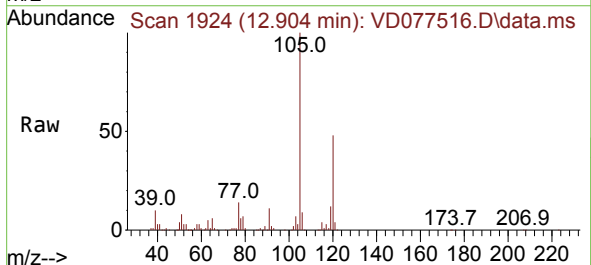
Instrument :
MSVOA_D
ClientSampleId :

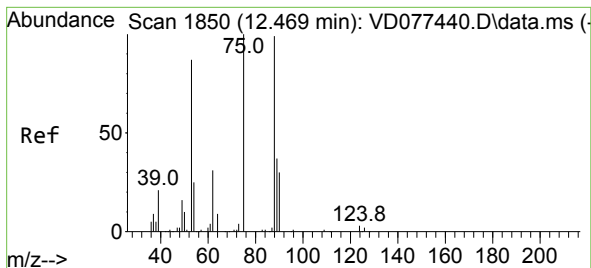
Tgt Ion: 91 Resp: 166681
Ion Ratio Lower Upper
91 100
126 32.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.022 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 105 Resp: 194878
Ion Ratio Lower Upper
105 100
120 48.6 26.4 79.2

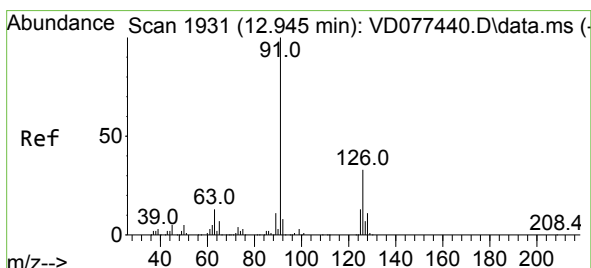
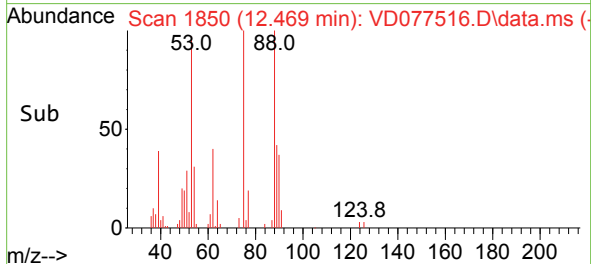
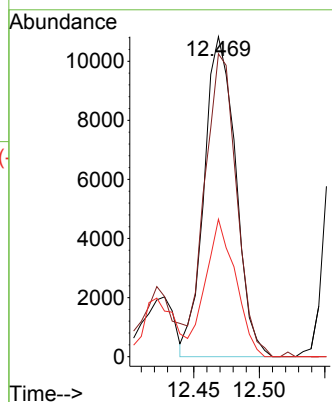
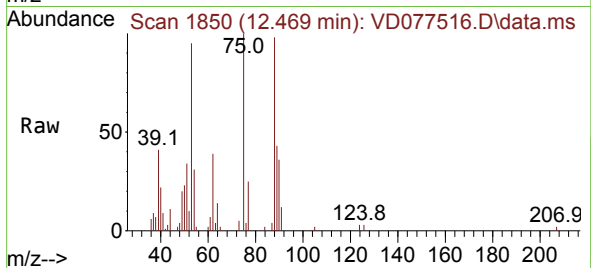




#81
trans-1,4-Dichloro-2-butene
Concen: 20.215 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

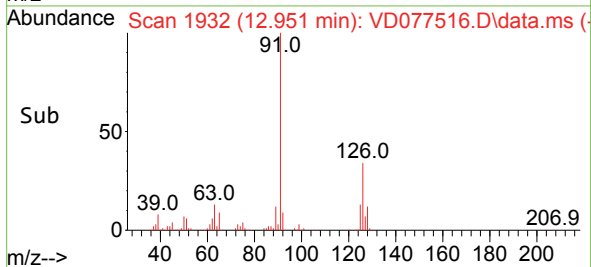
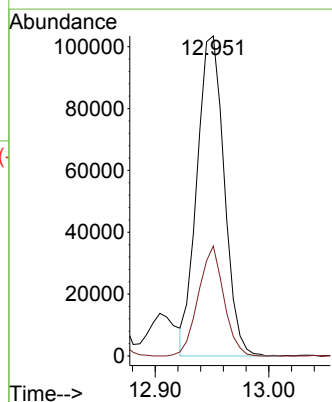
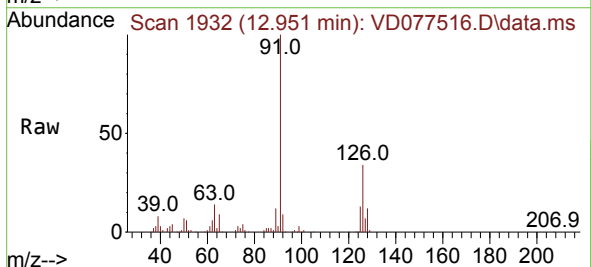
Instrument :
MSVOA_D
ClientSampleId :

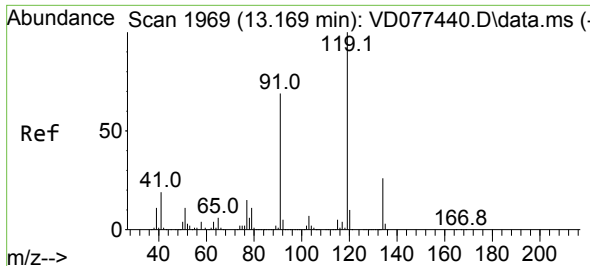
Tgt Ion: 75 Resp: 18122
Ion Ratio Lower Upper
75 100
53 93.7 63.0 94.4
89 40.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.802 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 91 Resp: 172009
Ion Ratio Lower Upper
91 100
126 32.0 19.4 58.4

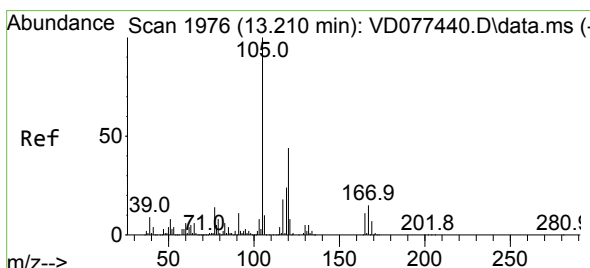
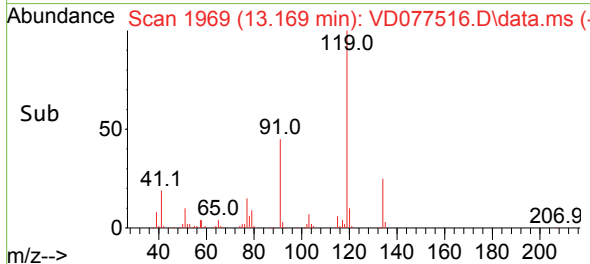
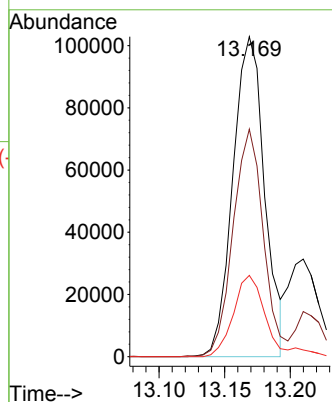
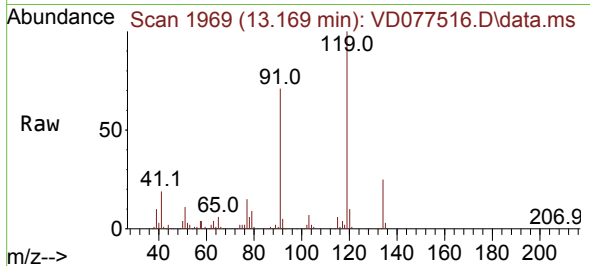




#83
tert-Butylbenzene
Concen: 21.183 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

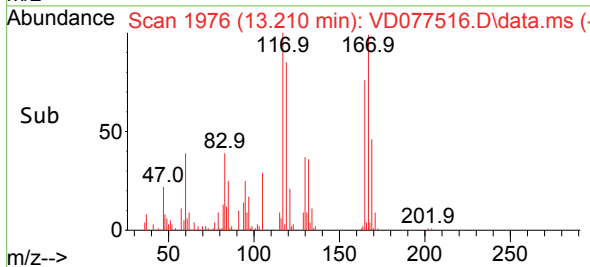
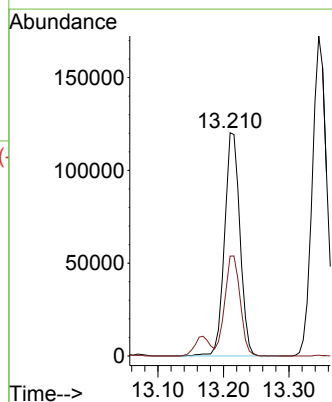
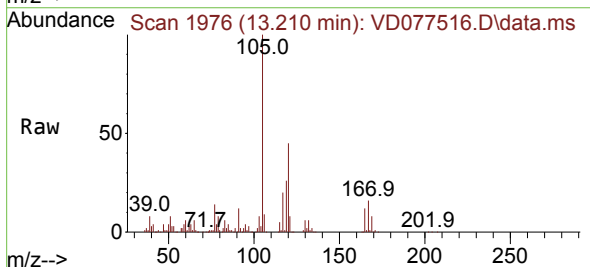
Instrument :
MSVOA_D
ClientSampleId :

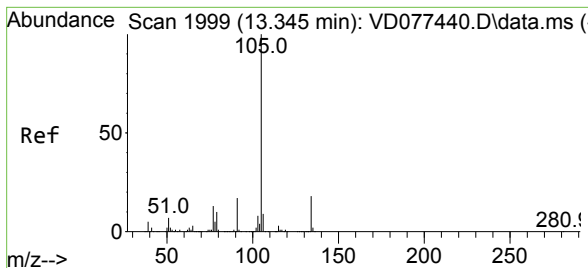
Tgt Ion:119 Resp: 173348
Ion Ratio Lower Upper
119 100
91 68.3 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.206 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion:105 Resp: 195362
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.186 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

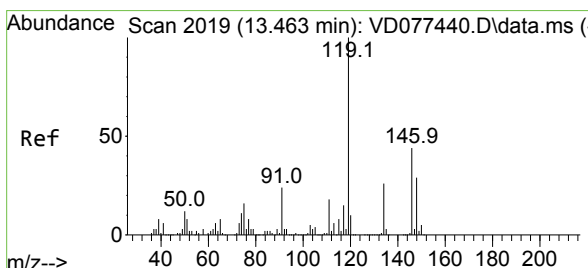
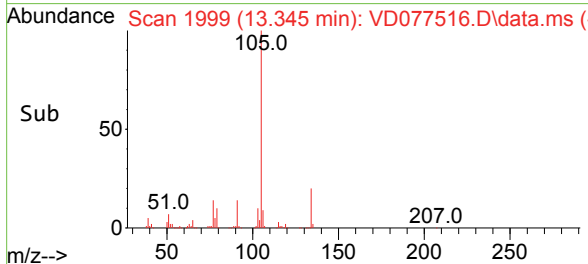
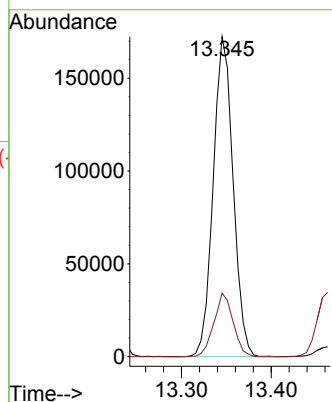
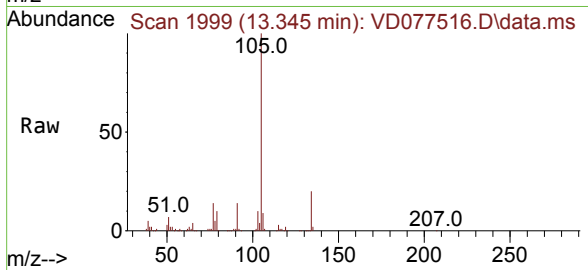
ClientSampleId :

Tgt Ion:105 Resp: 265266

Ion Ratio Lower Upper

105 100

134 19.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.407 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

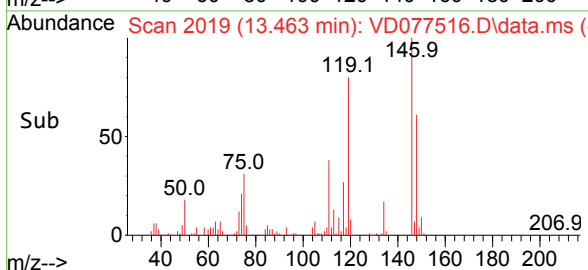
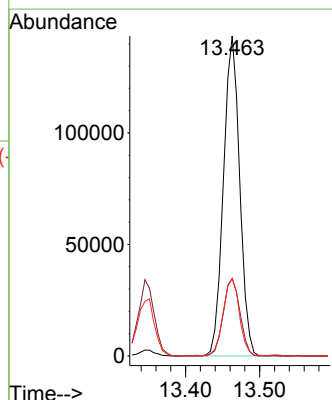
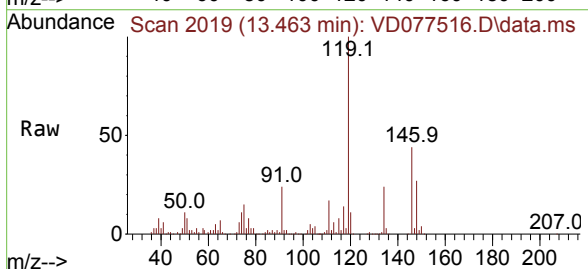
Tgt Ion:119 Resp: 217861

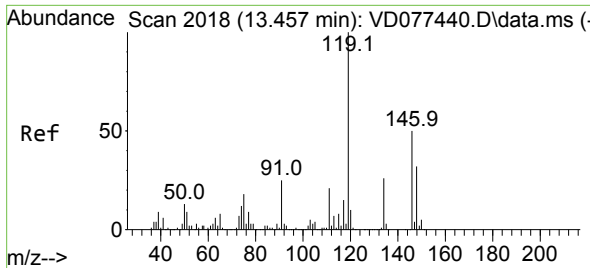
Ion Ratio Lower Upper

119 100

134 24.9 14.2 42.6

91 24.4 10.5 31.5

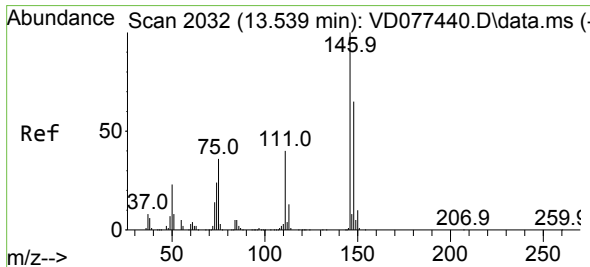
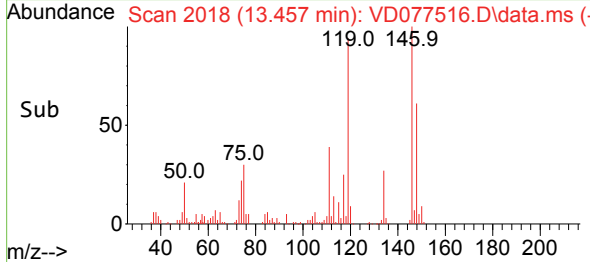
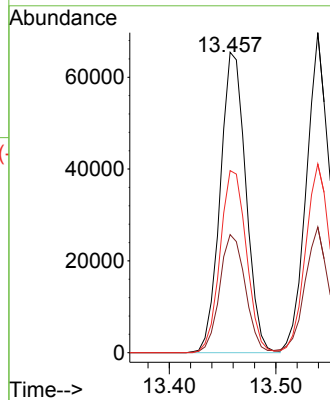
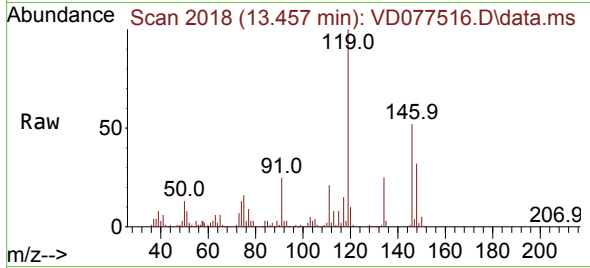




#87
1,3-Dichlorobenzene
Concen: 21.802 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

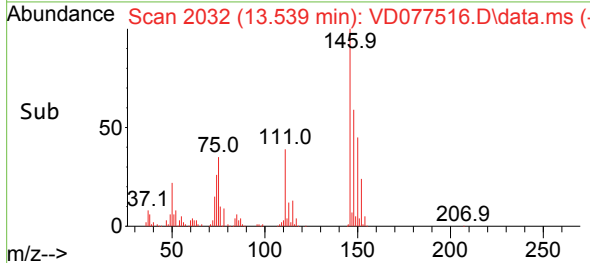
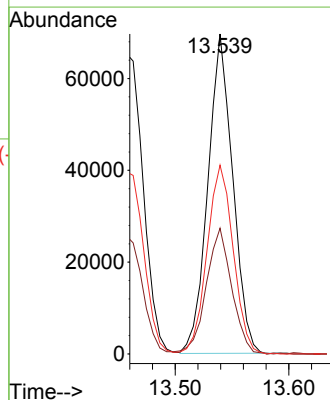
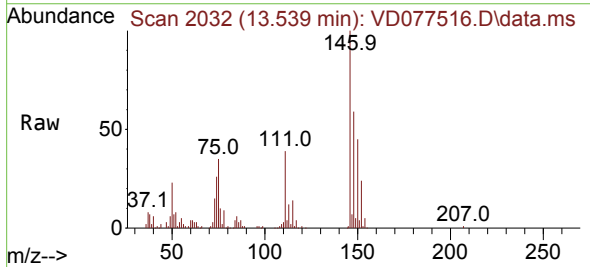
Instrument :
MSVOA_D
ClientSampleId :

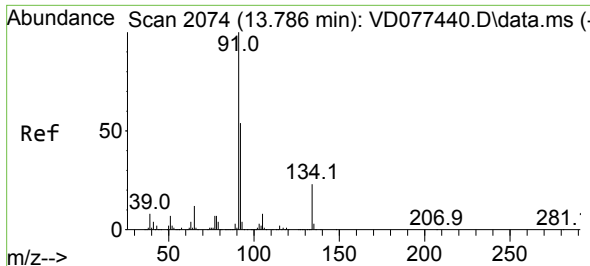
Tgt Ion:146 Resp: 109420
Ion Ratio Lower Upper
146 100
111 39.4 17.9 53.8
148 62.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 21.090 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

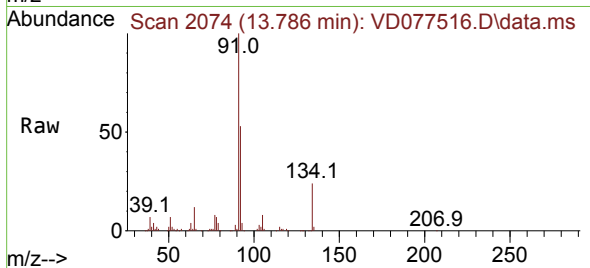
Tgt Ion:146 Resp: 105754
Ion Ratio Lower Upper
146 100
111 40.5 17.4 52.3
148 62.5 31.7 95.1



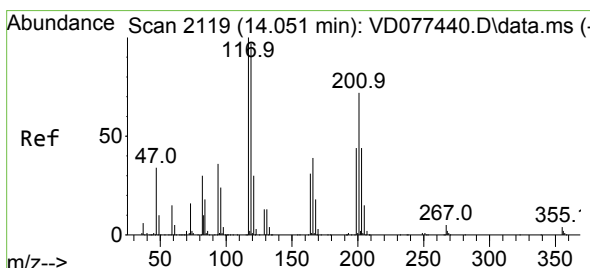
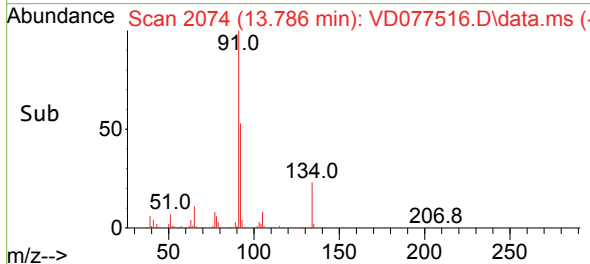
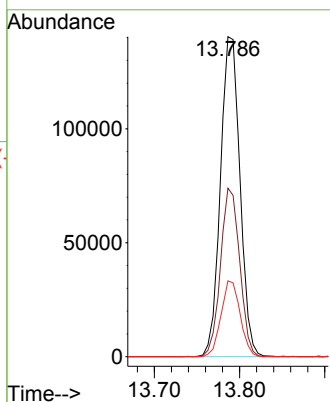


#89
n-Butylbenzene
Concen: 21.150 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Instrument :
MSVOA_D
ClientSampleId :

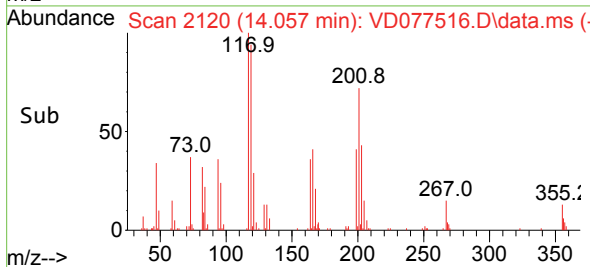
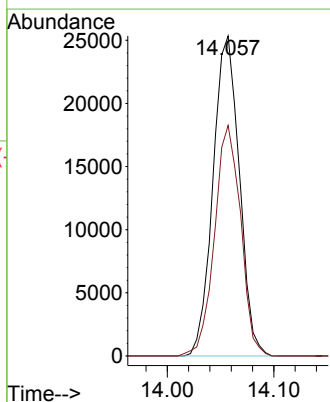
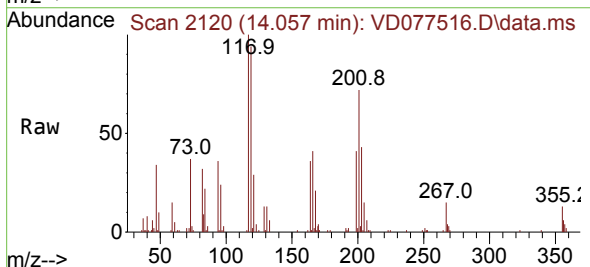


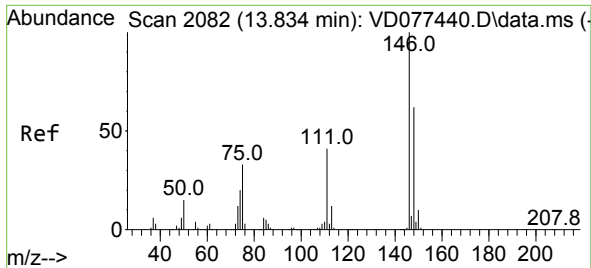
Tgt Ion: 91 Resp: 223722
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 23.2 13.8 41.3



#90
Hexachloroethane
Concen: 20.883 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 117 Resp: 43490
Ion Ratio Lower Upper
117 100
201 71.4 38.5 115.5

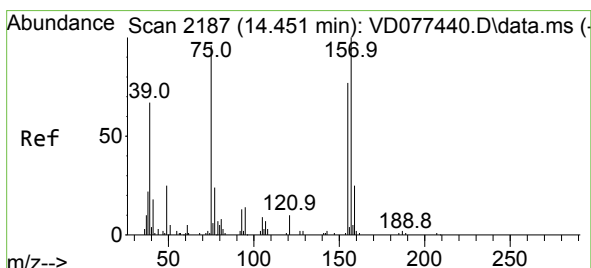
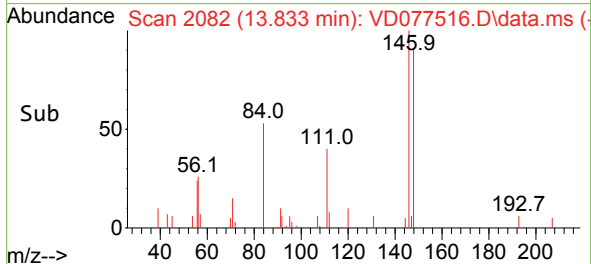
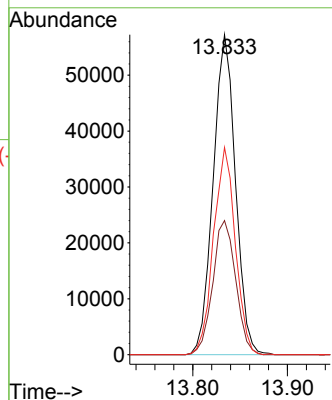
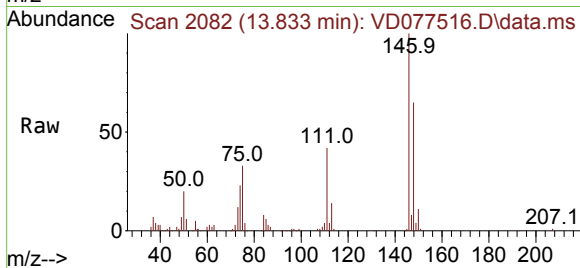




#91
1,2-Dichlorobenzene
Concen: 21.232 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

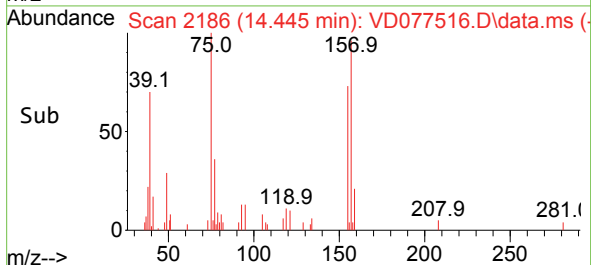
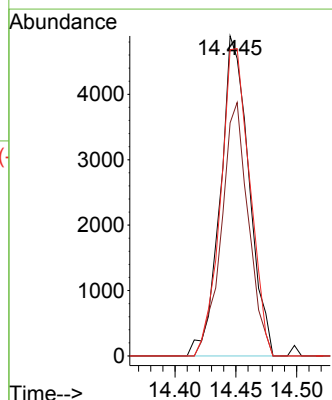
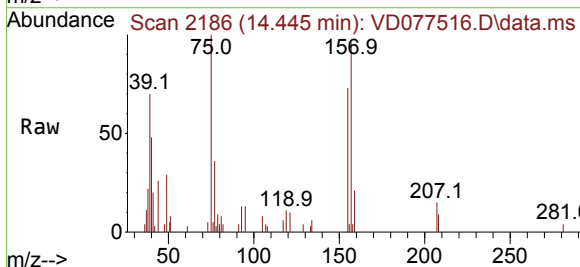
Instrument :
MSVOA_D
ClientSampleId :

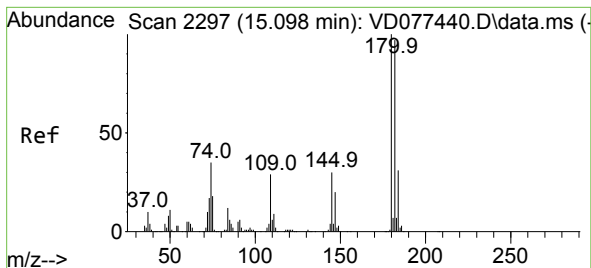
Tgt Ion:146 Resp: 93648
Ion Ratio Lower Upper
146 100
111 43.2 18.3 54.8
148 63.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.887 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077516.D
Acq: 08 Nov 2023 11:31

Tgt Ion: 75 Resp: 8001
Ion Ratio Lower Upper
75 100
155 74.6 47.9 143.8
157 98.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.584 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

Instrument :

MSVOA_D

ClientSampleId :

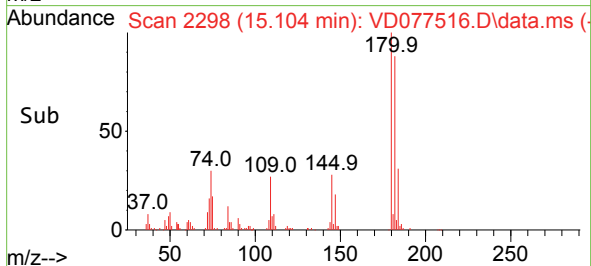
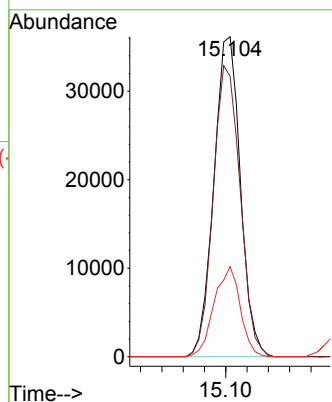
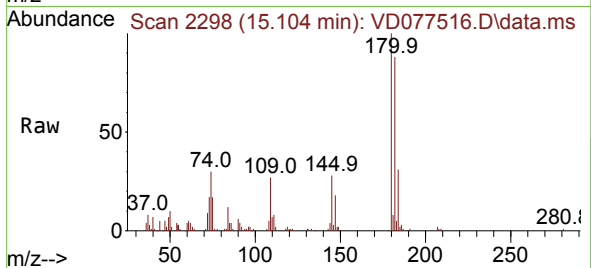
Tgt Ion:180 Resp: 62370

Ion Ratio Lower Upper

180 100

182 92.5 48.5 145.6

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.329 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077516.D

Acq: 08 Nov 2023 11:31

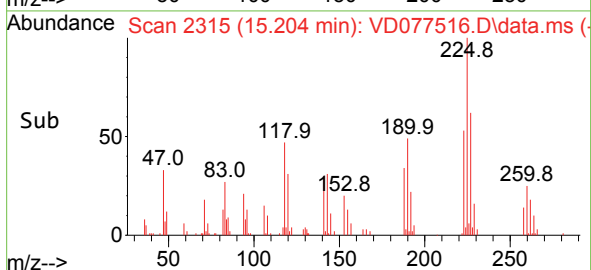
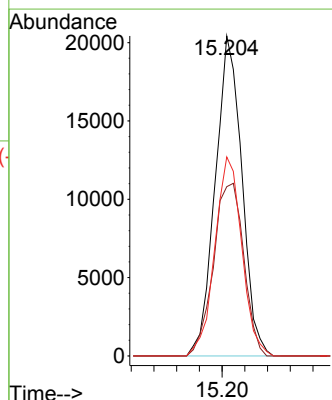
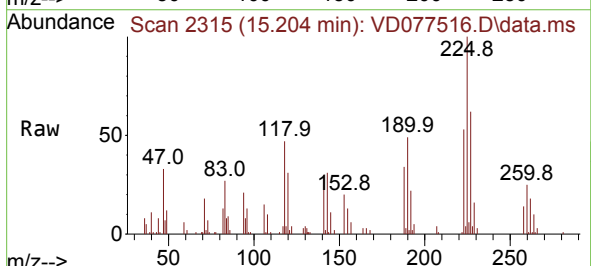
Tgt Ion:225 Resp: 33227

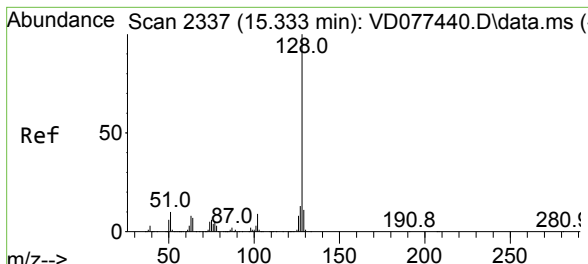
Ion Ratio Lower Upper

225 100

223 61.4 31.6 94.8

227 63.2 31.7 95.1



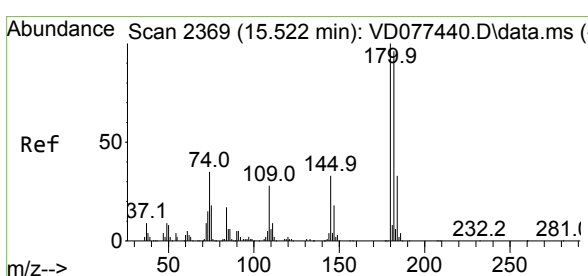
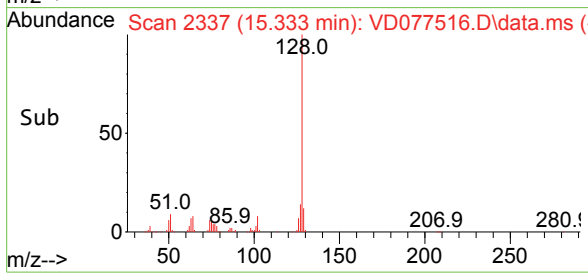
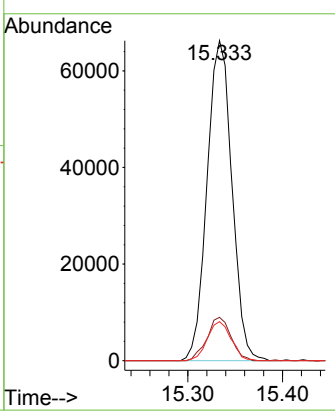
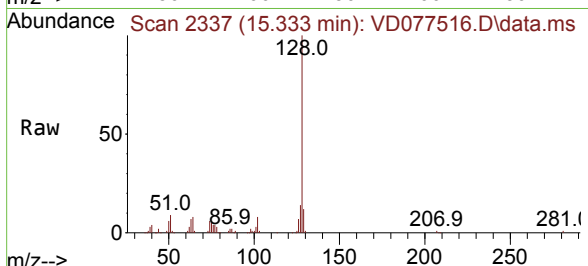


#95
 Naphthalene
 Concen: 20.880 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077516.D
 Acq: 08 Nov 2023 11:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128 Resp: 120690

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	12.2	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 20.179 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD077516.D
 Acq: 08 Nov 2023 11:31

Tgt Ion:180 Resp: 52777

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.3	141.9
145	32.3	15.1	45.3

