

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078898.D
 Acq On : 10 May 2024 16:47
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 11 05:01:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22075	18.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.060%#
35) Dibromofluoromethane	7.811	113	25683	17.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	35.680%#
50) Toluene-d8	10.269	98	98495	18.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	36.380%#
62) 4-Bromofluorobenzene	12.569	95	27694	18.108	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25999	19.568	ug/l	99
3) Chloromethane	2.152	50	39637	20.249	ug/l	96
4) Vinyl Chloride	2.287	62	60678	20.454	ug/l	97
5) Bromomethane	2.681	94	56422	19.689	ug/l	95
6) Chloroethane	2.834	64	52404	21.406	ug/l	98
7) Trichlorofluoromethane	3.176	101	61332	22.318	ug/l	99
8) Diethyl Ether	3.593	74	15118	21.383	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.970	101	29132	19.038	ug/l	94
10) Methyl Iodide	4.170	142	33077	18.130	ug/l	94
11) Tert butyl alcohol	5.070	59	6235	100.969	ug/l	95
12) 1,1-Dichloroethene	3.946	96	28210	18.709	ug/l	99
13) Acrolein	3.799	56	11789	84.885	ug/l	99
14) Allyl chloride	4.564	41	27467	19.676	ug/l	96
15) Acrylonitrile	5.258	53	25451	102.930	ug/l	98
16) Acetone	4.028	43	18552	79.231	ug/l #	86
17) Carbon Disulfide	4.270	76	94594	19.122	ug/l	98
18) Methyl Acetate	4.570	43	8802	19.478	ug/l	91
19) Methyl tert-butyl Ether	5.311	73	52935	19.761	ug/l	98
20) Methylene Chloride	4.805	84	50582	21.894	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	31710	20.352	ug/l	86
22) Diisopropyl ether	6.222	45	63017	20.649	ug/l	98
23) Vinyl Acetate	6.158	43	184112	100.197	ug/l	99
24) 1,1-Dichloroethane	6.117	63	49546	20.922	ug/l	97
25) 2-Butanone	7.081	43	26169	91.254	ug/l	90
26) 2,2-Dichloropropane	7.087	77	41888	19.563	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	36541	20.249	ug/l	96
28) Bromochloromethane	7.422	49	17642	21.349	ug/l	94
29) Tetrahydrofuran	7.452	42	16461	103.185	ug/l	95
30) Chloroform	7.599	83	55463	20.486	ug/l	90
31) Cyclohexane	7.881	56	38769	19.919	ug/l #	84
32) 1,1,1-Trichloroethane	7.793	97	47651	20.009	ug/l	98
36) 1,1-Dichloropropene	8.011	75	37190	19.230	ug/l	99
37) Ethyl Acetate	7.175	43	12132	19.011	ug/l	99
38) Carbon Tetrachloride	7.987	117	44550	19.617	ug/l	97
39) Methylcyclohexane	9.275	83	46516	18.762	ug/l	90
40) Benzene	8.252	78	120710	19.356	ug/l	100

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 11 05:01:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.458	41	16506	46.661	ug/l #	25
42) 1,2-Dichloroethane	8.334	62	28529	19.628	ug/l	97
43) Isopropyl Acetate	8.363	43	22723	19.171	ug/l #	84
44) Trichloroethene	9.028	130	31439	18.915	ug/l	84
45) 1,2-Dichloropropane	9.305	63	26455	19.257	ug/l #	89
46) Dibromomethane	9.393	93	16849	19.326	ug/l	98
47) Bromodichloromethane	9.581	83	41244	19.117	ug/l	89
48) Methyl methacrylate	9.381	41	10542	19.161	ug/l	96
49) 1,4-Dioxane	9.387	88	3408	405.728	ug/l #	58
51) 4-Methyl-2-Pentanone	10.158	43	57928	95.209	ug/l	98
52) Toluene	10.334	92	79165	19.567	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	35015	19.155	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	40969	18.666	ug/l	92
55) 1,1,2-Trichloroethane	10.728	97	23348	20.058	ug/l #	83
56) Ethyl methacrylate	10.599	69	22498	18.688	ug/l	96
57) 1,3-Dichloropropane	10.875	76	34847	19.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	46072	96.534	ug/l	98
59) 2-Hexanone	10.922	43	40764	90.944	ug/l	97
60) Dibromochloromethane	11.075	129	30329	19.320	ug/l	96
61) 1,2-Dibromoethane	11.181	107	21228	19.497	ug/l	98
64) Tetrachloroethene	10.810	164	26984	18.895	ug/l	95
65) Chlorobenzene	11.604	112	89324	19.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	31051	19.490	ug/l	96
67) Ethyl Benzene	11.681	91	138280	18.781	ug/l	99
68) m/p-Xylenes	11.793	106	117261	38.723	ug/l	98
69) o-Xylene	12.122	106	51451	18.796	ug/l	99
70) Styrene	12.134	104	93456	19.255	ug/l	97
71) Bromoform	12.299	173	17028	19.837	ug/l #	97
73) Isopropylbenzene	12.422	105	130267	19.113	ug/l	98
74) N-amyl acetate	12.234	43	20453	19.124	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	24016	20.277	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	28305	34.344	ug/l #	100
77) Bromobenzene	12.699	156	34158	19.651	ug/l	99
78) n-propylbenzene	12.763	91	160620	19.571	ug/l	99
79) 2-Chlorotoluene	12.851	91	88806	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	111448	19.640	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7645	19.012	ug/l	86
82) 4-Chlorotoluene	12.946	91	95596	19.536	ug/l	100
83) tert-Butylbenzene	13.163	119	97285	19.271	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	111669	19.510	ug/l	98
85) sec-Butylbenzene	13.346	105	142671	19.122	ug/l	100
86) p-Isopropyltoluene	13.457	119	122496	18.915	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	69631	19.034	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	70576	19.395	ug/l	98
89) n-Butylbenzene	13.787	91	111966	19.576	ug/l	97
90) Hexachloroethane	14.051	117	25067	19.088	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	60357	19.313	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3364	20.616	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	34678	19.040	ug/l	94
94) Hexachlorobutadiene	15.198	225	18059	18.386	ug/l	98
95) Naphthalene	15.334	128	58758	18.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30435	19.157	ug/l	99

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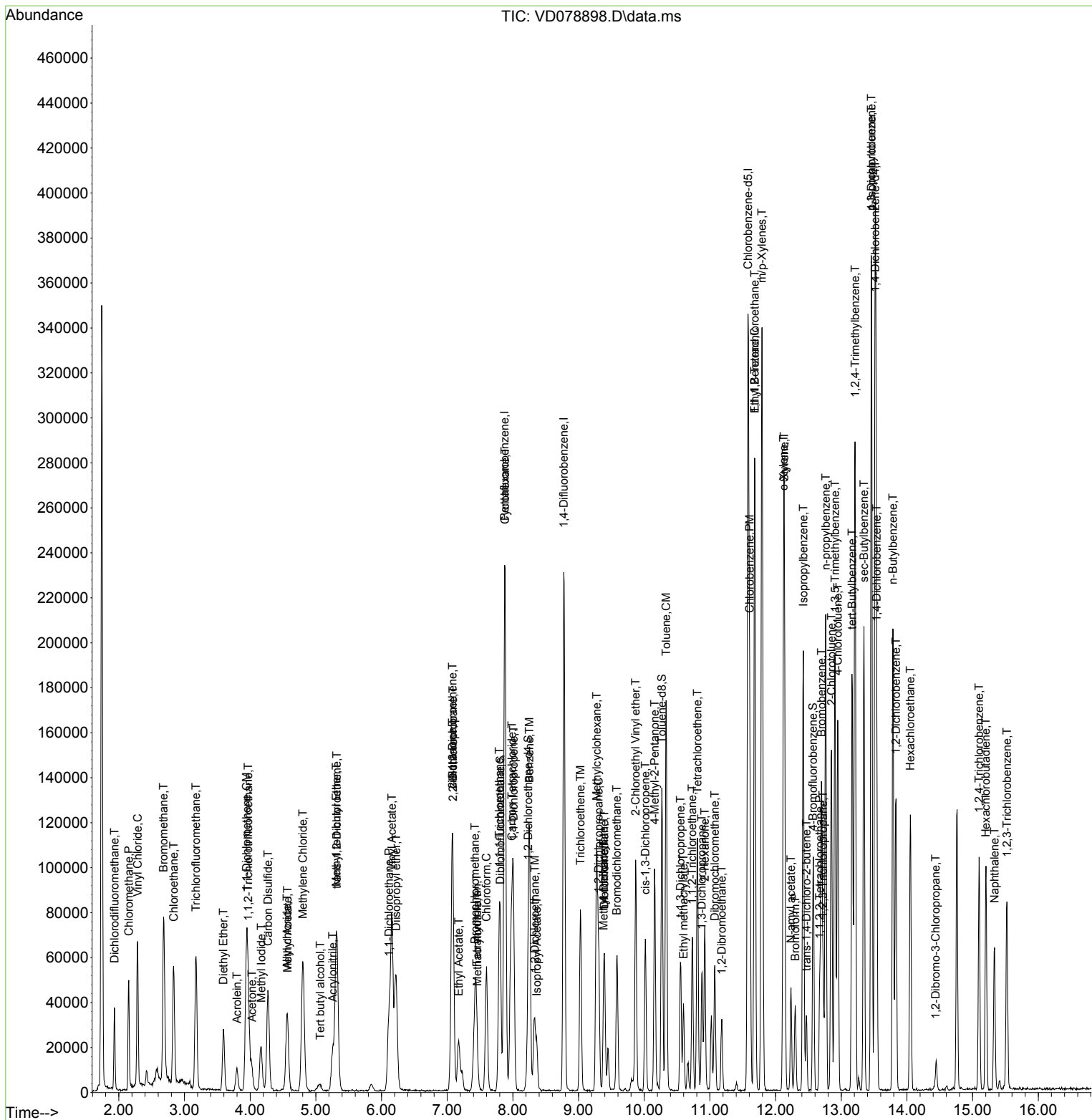
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MSVOA_D
ClientSampleId :

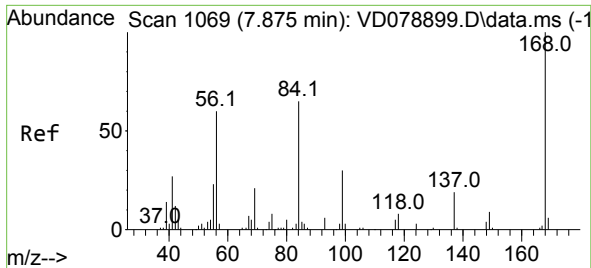
Quant Time: May 11 05:01:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
Quant Title : SW846 8260
QLast Update : Sat May 11 04:52:10 2024
Response via : Initial Calibration

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

Quant Time: May 11 05:01:01 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

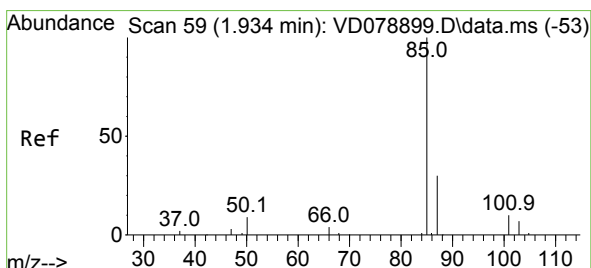
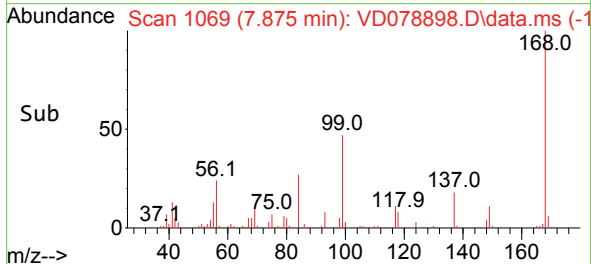
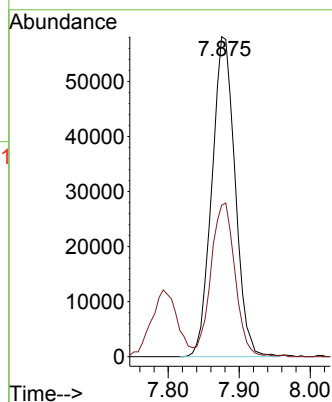
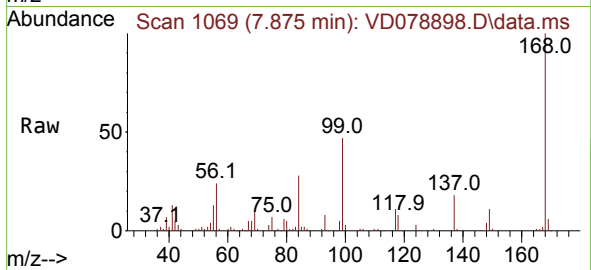




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

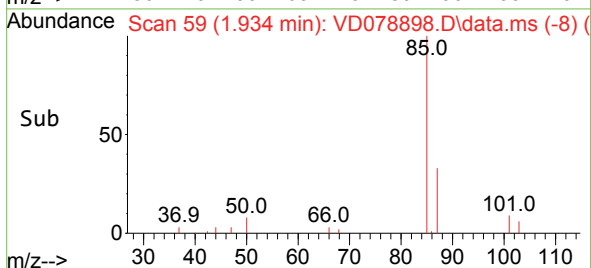
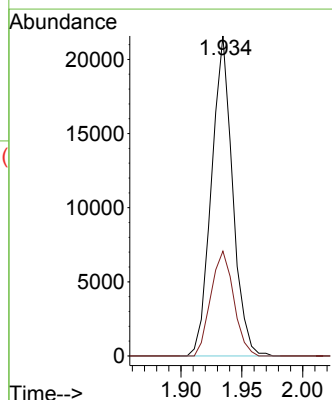
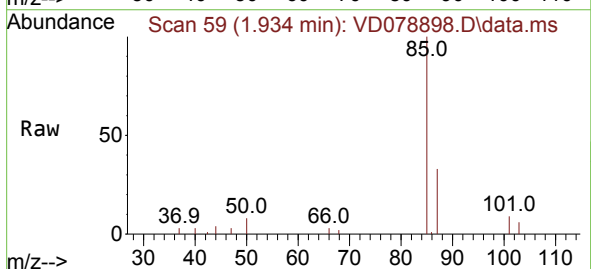
Instrument :
MSVOA_D
ClientSampleId :

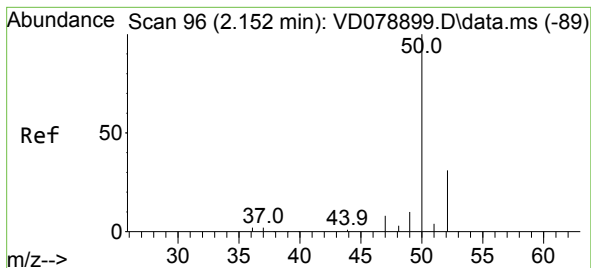
Tgt Ion:168 Resp: 132098
Ion Ratio Lower Upper
168 100
99 47.1 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 19.568 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 85 Resp: 25999
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.5





#3

Chloromethane

Concen: 20.249 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.006 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

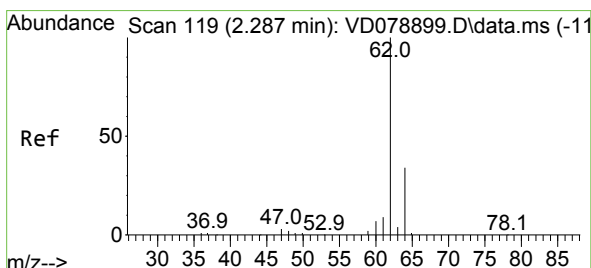
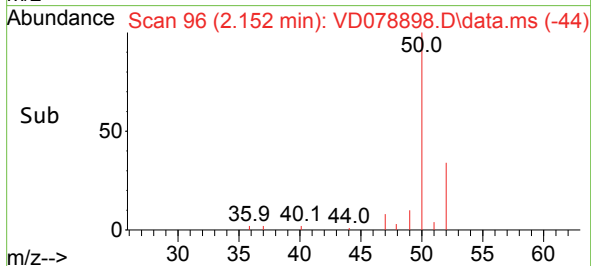
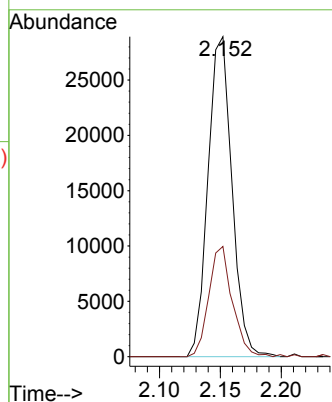
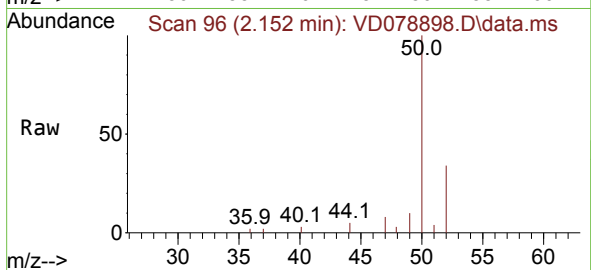
ClientSampleId :

Tgt Ion: 50 Resp: 39637

Ion Ratio Lower Upper

50 100

52 34.4 25.6 38.4



#4

Vinyl Chloride

Concen: 20.454 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.006 min

Lab File: VD078898.D

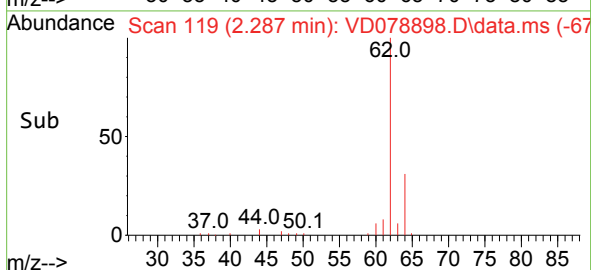
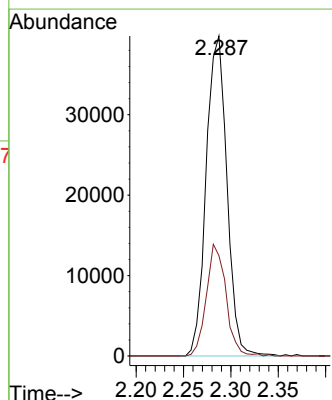
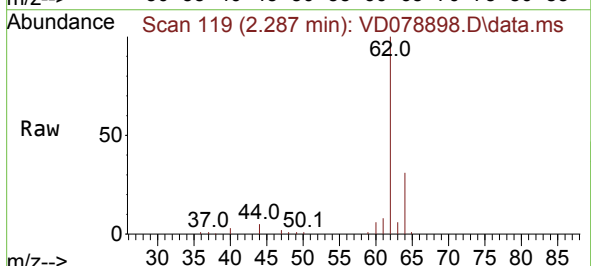
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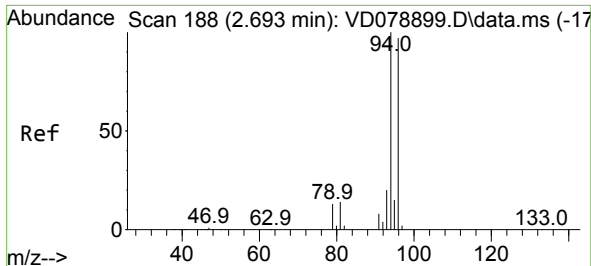
Tgt Ion: 62 Resp: 60678

Ion Ratio Lower Upper

62 100

64 31.4 23.7 35.5

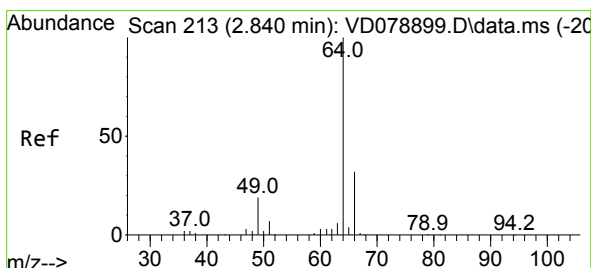
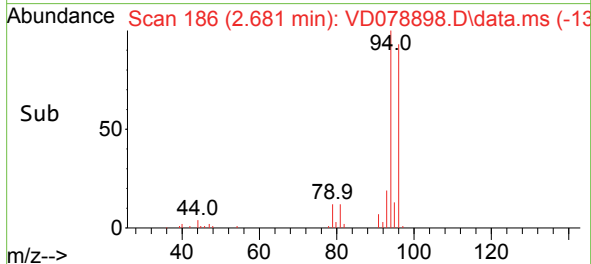
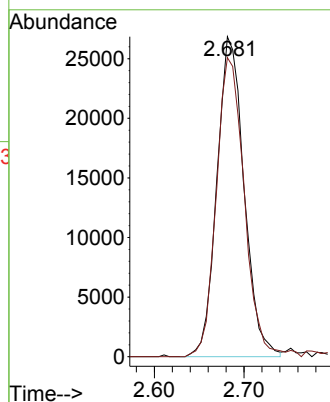
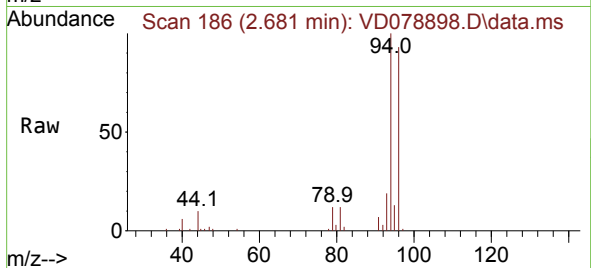




#5
Bromomethane
Concen: 19.689 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

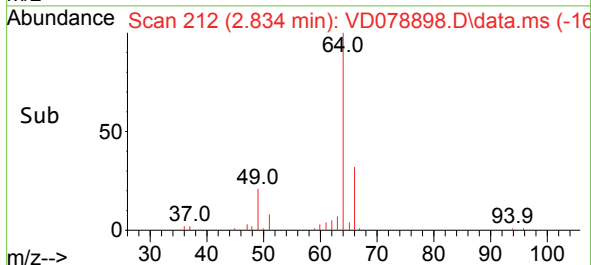
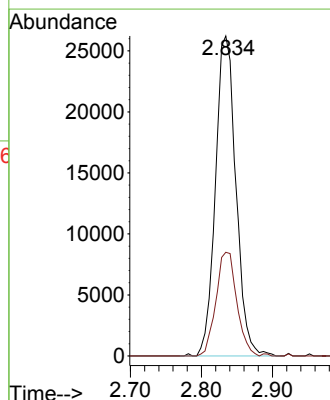
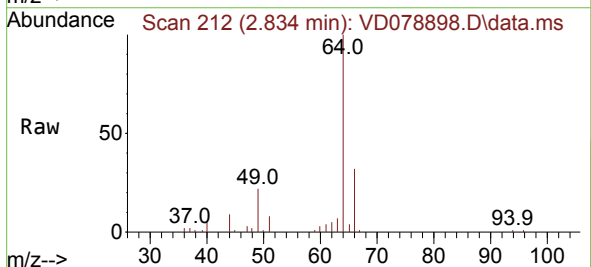
Instrument :
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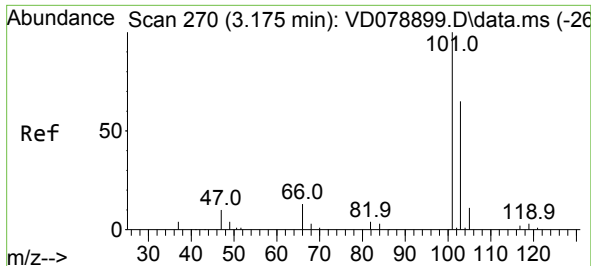
Tgt Ion: 94 Resp: 56422
Ion Ratio Lower Upper
94 100
96 96.5 73.5 110.3



#6
Chloroethane
Concen: 21.406 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 64 Resp: 52404
Ion Ratio Lower Upper
64 100
66 32.4 26.8 40.2

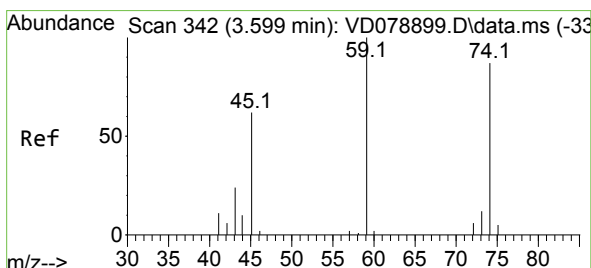
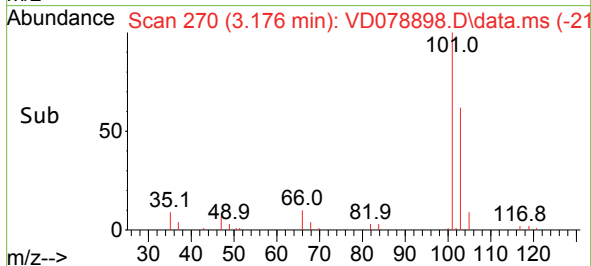
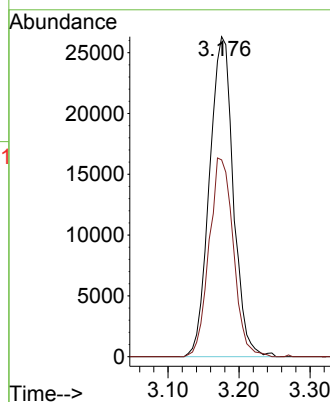
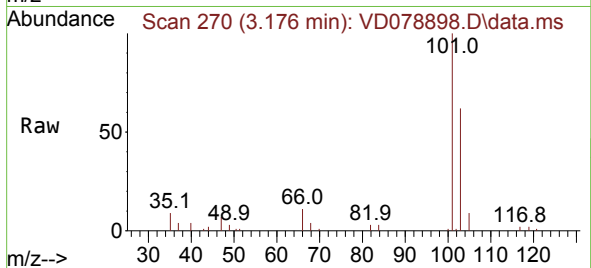




#7
Trichlorofluoromethane
Concen: 22.318 ug/l
RT: 3.176 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

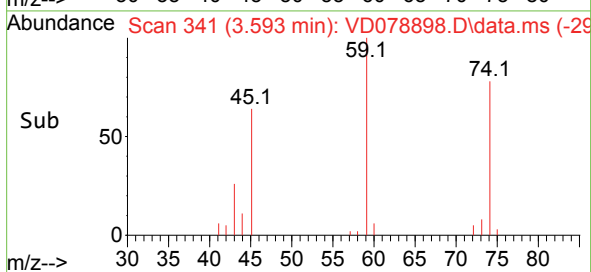
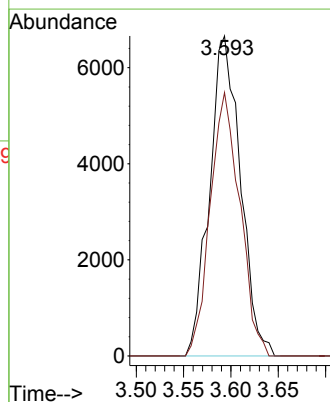
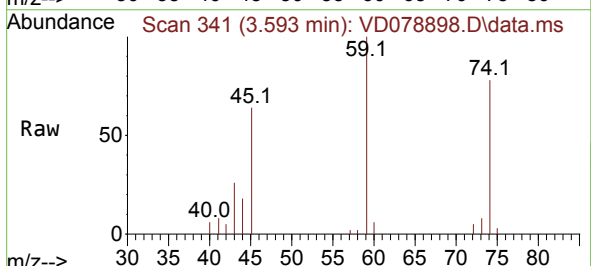
Instrument :
MSVOA_D
ClientSampleId :

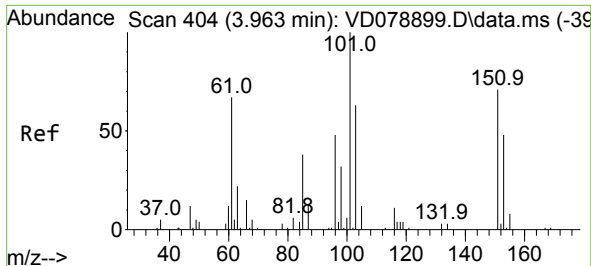
Tgt Ion:101 Resp: 61332
Ion Ratio Lower Upper
101 100
103 61.5 49.7 74.5



#8
Diethyl Ether
Concen: 21.383 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

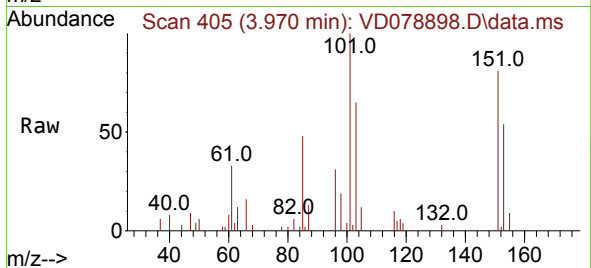
Tgt Ion: 74 Resp: 15118
Ion Ratio Lower Upper
74 100
45 79.1 42.4 127.3



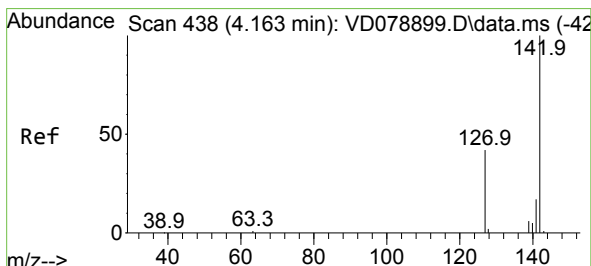
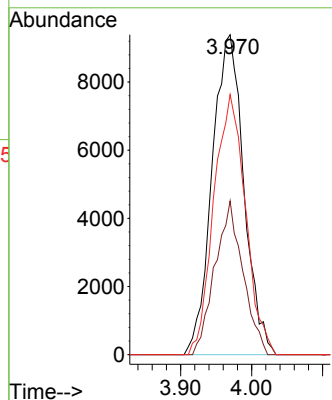
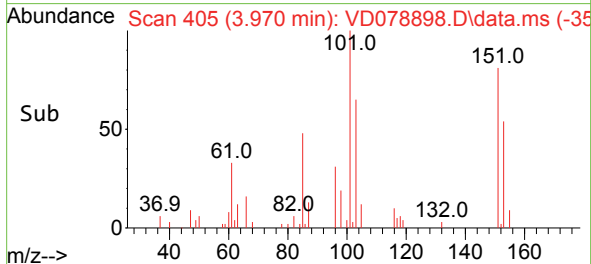


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.038 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

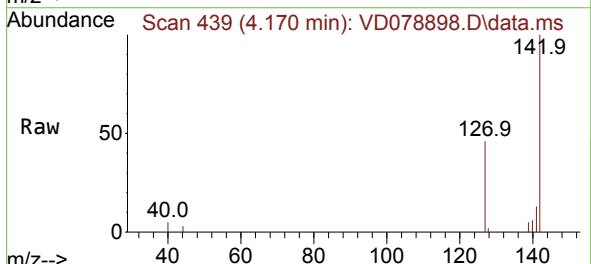
Instrument :
MSVOA_D
ClientSampleId :



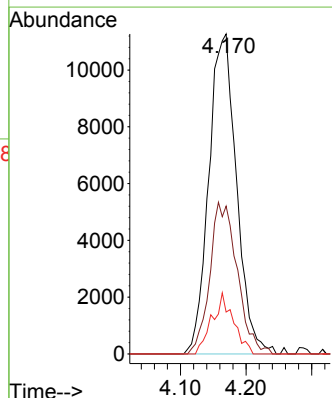
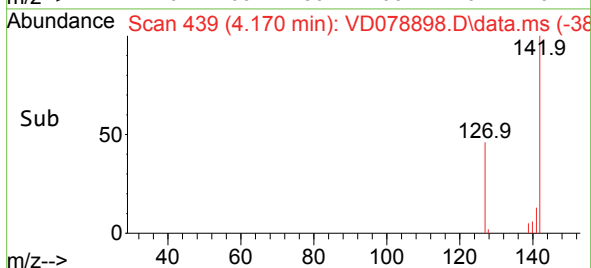
Tgt Ion:101 Resp: 29132
Ion Ratio Lower Upper
101 100
85 42.2 35.8 53.6
151 81.1 59.4 89.2

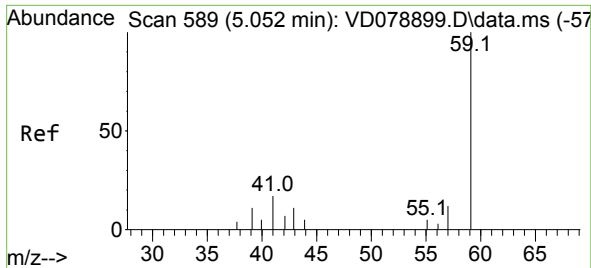


#10
Methyl Iodide
Concen: 18.130 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47



Tgt Ion:142 Resp: 33077
Ion Ratio Lower Upper
142 100
127 46.8 33.5 50.3
141 14.7 11.7 17.5

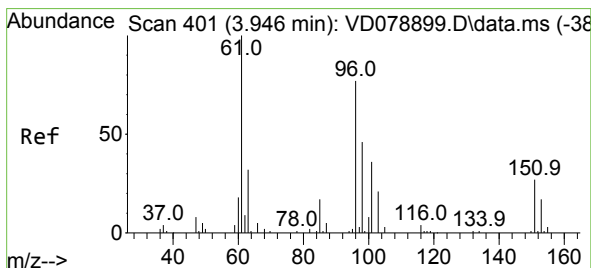
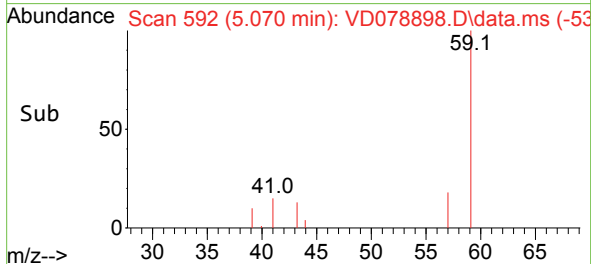
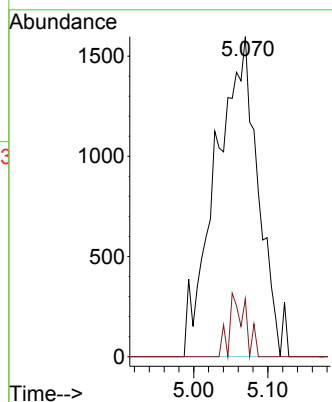
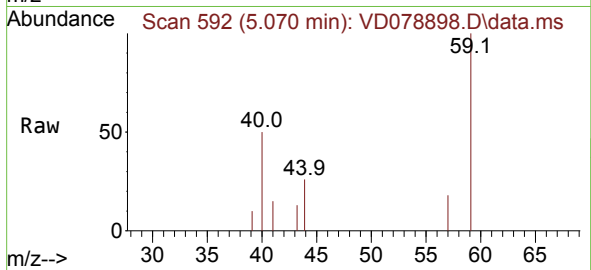




#11
Tert butyl alcohol
Concen: 100.969 ug/l
RT: 5.070 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

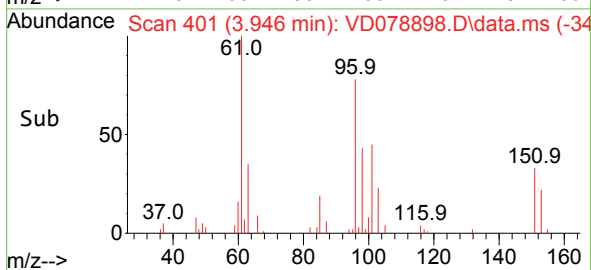
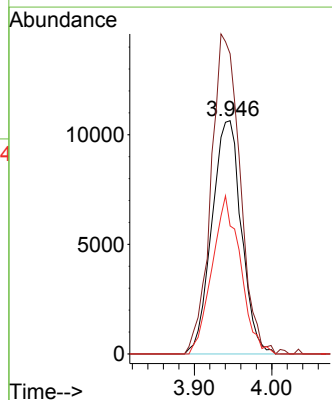
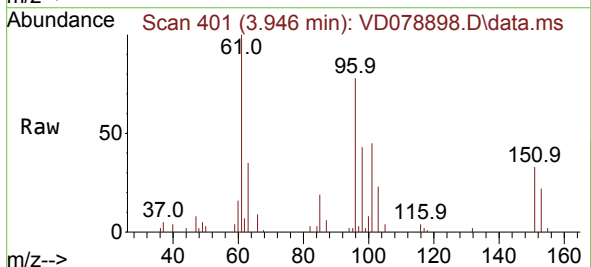
Instrument :
MSVOA_D
ClientSampleId :

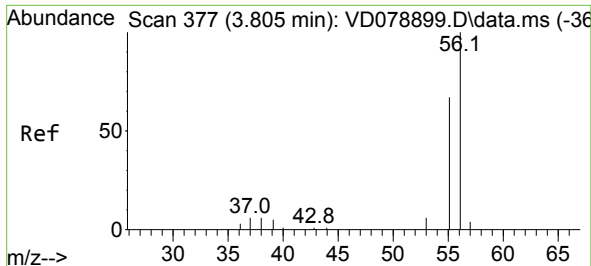
Tgt Ion: 59 Resp: 6235
Ion Ratio Lower Upper
59 100
57 7.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 18.709 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 96 Resp: 28210
Ion Ratio Lower Upper
96 100
61 128.7 101.4 152.0
98 54.9 43.4 65.0





#13

Acrolein

Concen: 84.885 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

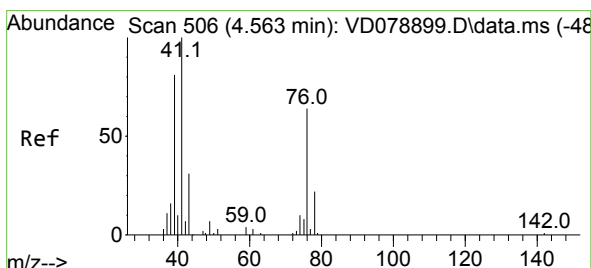
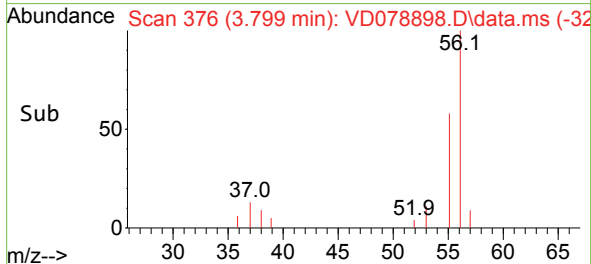
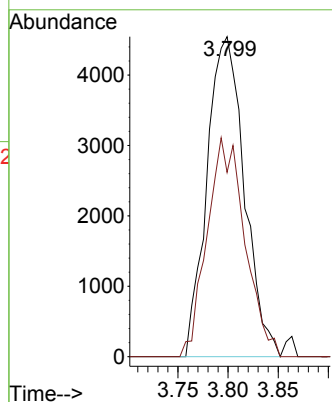
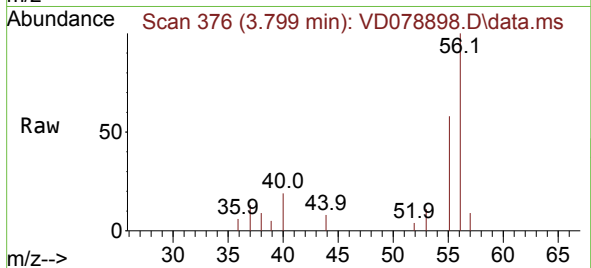
ClientSampleId :

Tgt Ion: 56 Resp: 11789

Ion Ratio Lower Upper

56 100

55 69.1 54.9 82.3



#14

Allyl chloride

Concen: 19.676 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

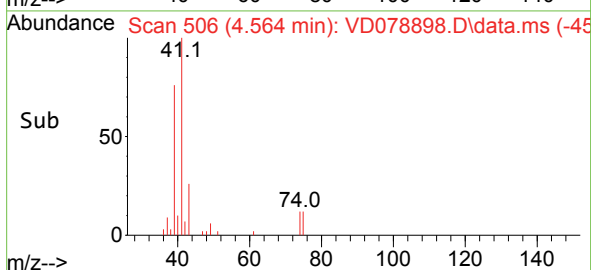
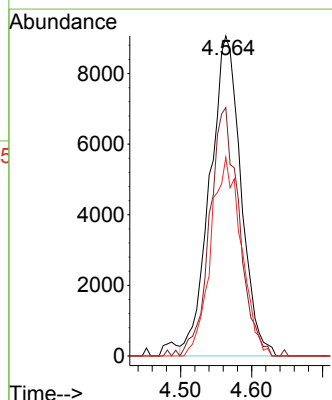
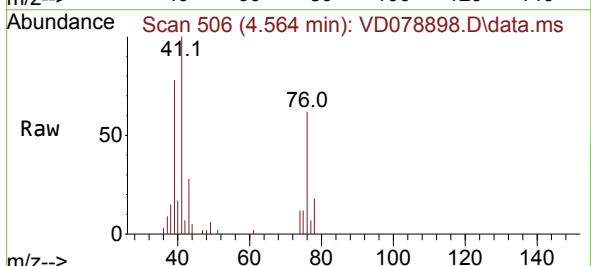
Tgt Ion: 41 Resp: 27467

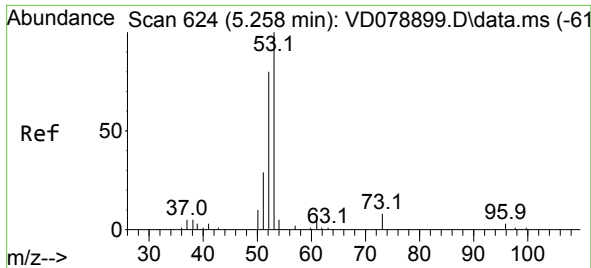
Ion Ratio Lower Upper

41 100

39 73.4 57.8 86.6

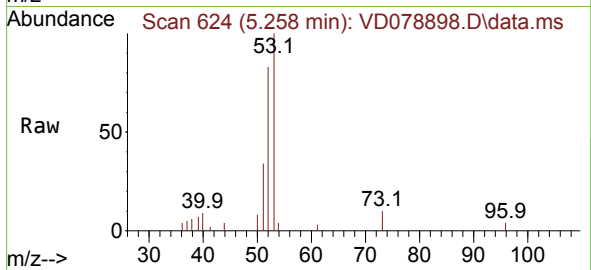
76 61.0 44.8 67.2



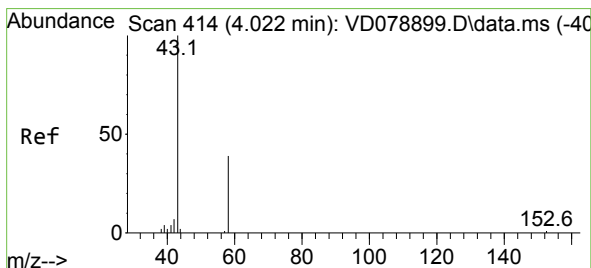
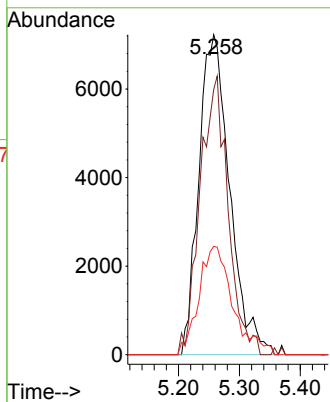
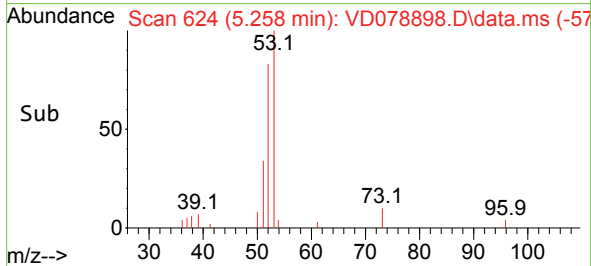


#15
Acrylonitrile
Concen: 102.930 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

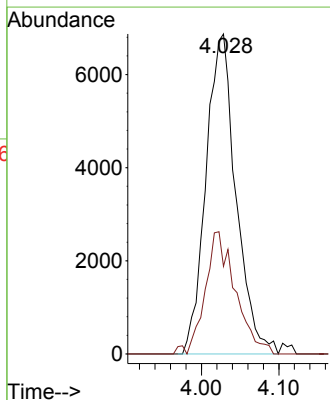
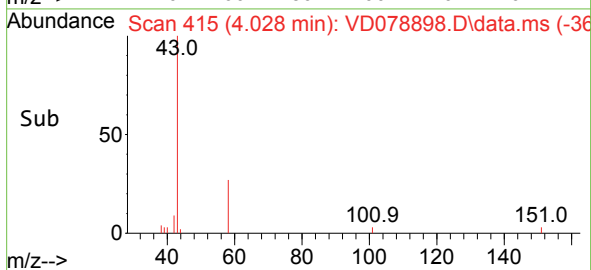
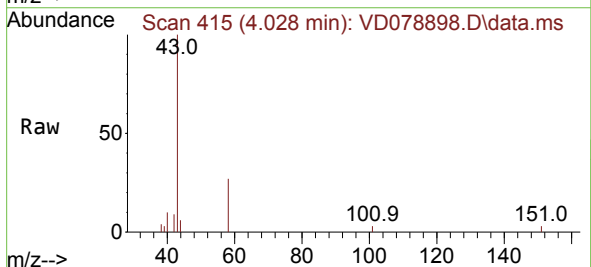


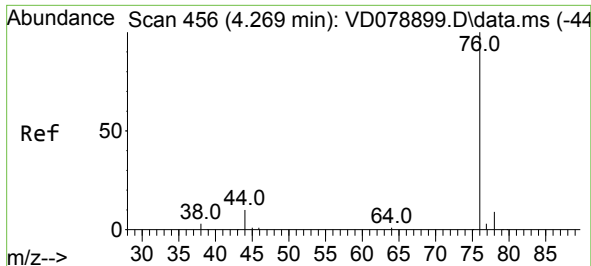
Tgt Ion:	53	Resp:	25451
Ion	Ratio	Lower	Upper
53	100		
52	78.7	61.9	92.9
51	37.2	29.0	43.4



#16
Acetone
Concen: 79.231 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

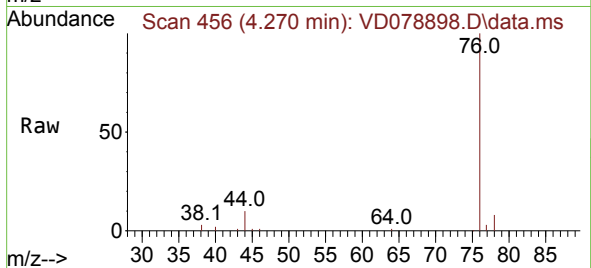
Tgt Ion:	43	Resp:	18552
Ion	Ratio	Lower	Upper
43	100		
58	27.4	28.2	42.4#



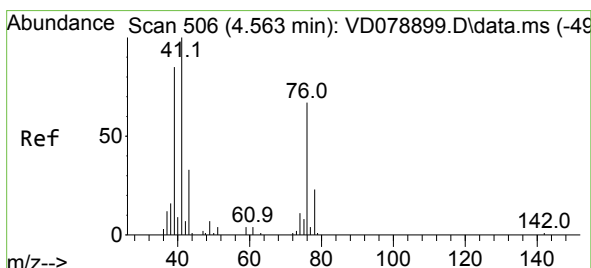
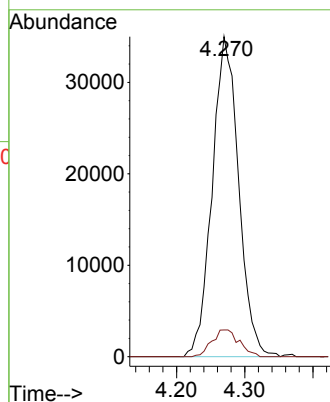
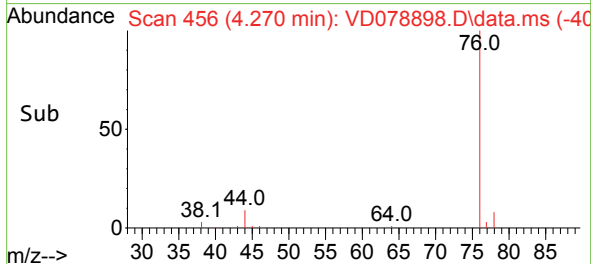


#17
Carbon Disulfide
Concen: 19.122 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

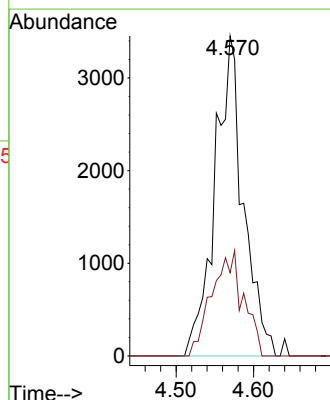
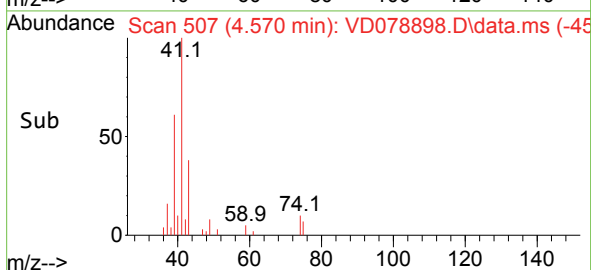
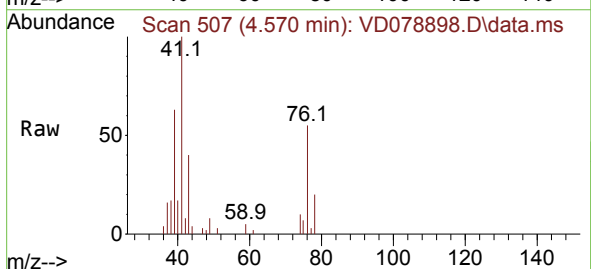


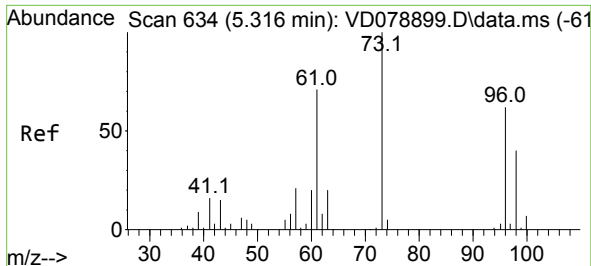
Tgt Ion: 76 Resp: 94594
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 19.478 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 43 Resp: 8802
Ion Ratio Lower Upper
43 100
74 36.4 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 19.761 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

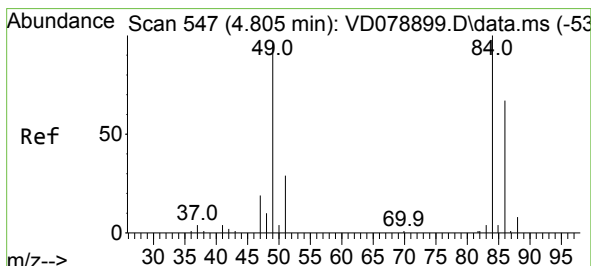
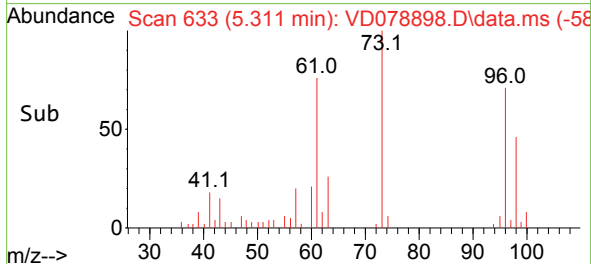
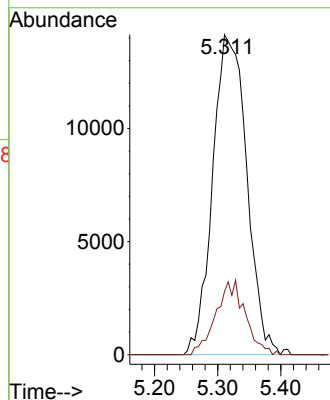
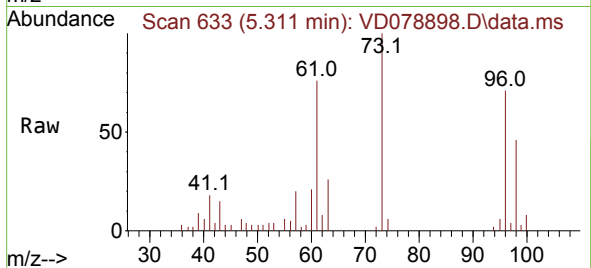
ClientSampleId :

Tgt Ion: 73 Resp: 52935

Ion Ratio Lower Upper

73 100

57 19.7 16.4 24.6



#20

Methylene Chloride

Concen: 21.894 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Tgt Ion: 84 Resp: 50582

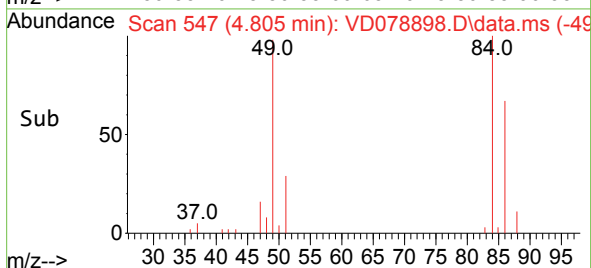
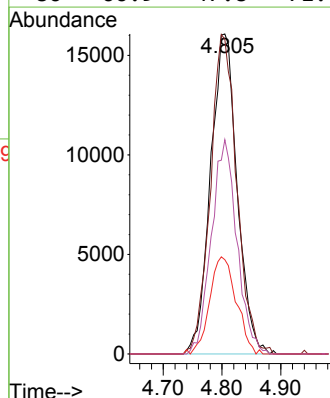
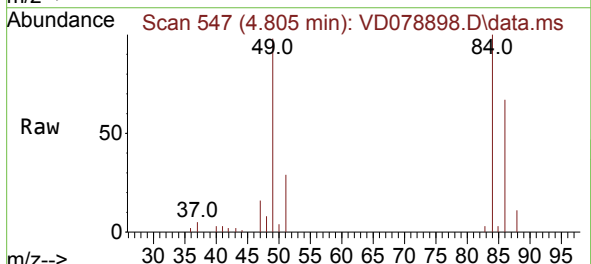
Ion Ratio Lower Upper

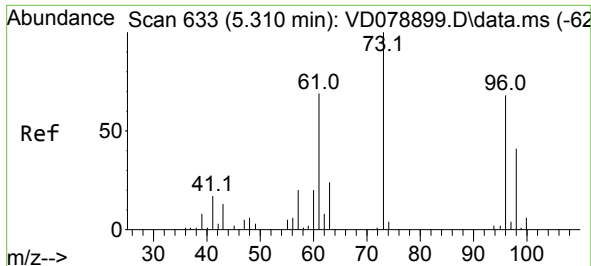
84 100

49 98.3 75.6 113.4

51 29.4 23.4 35.0

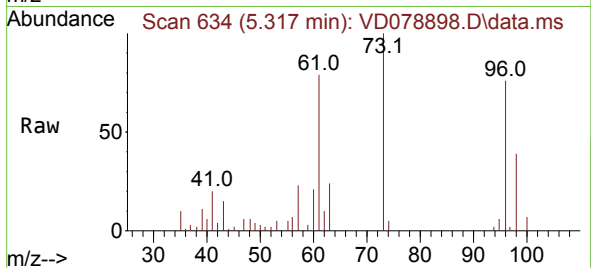
86 66.9 47.8 71.6



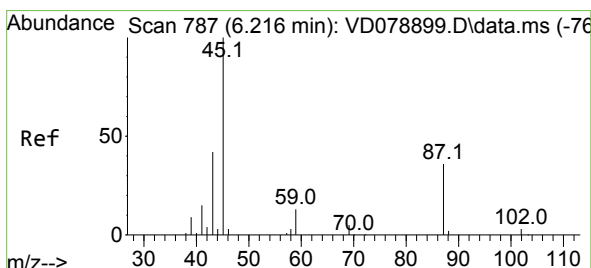
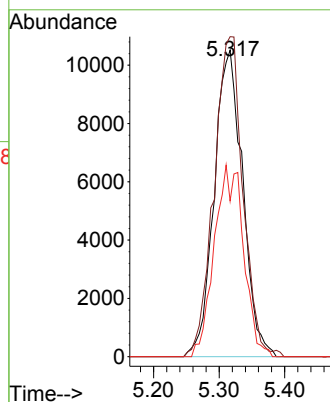
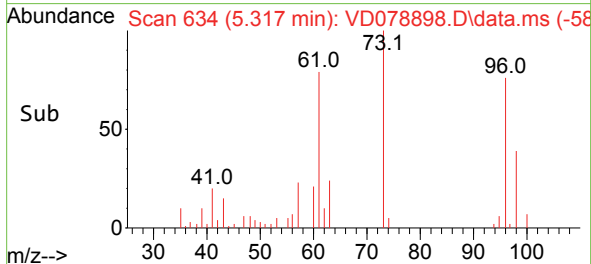


#21
trans-1,2-Dichloroethene
Concen: 20.352 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

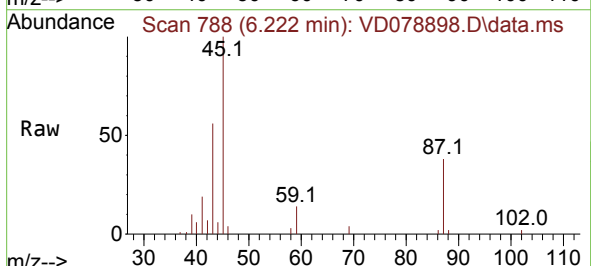
Instrument :
MSVOA_D
ClientSampleId :



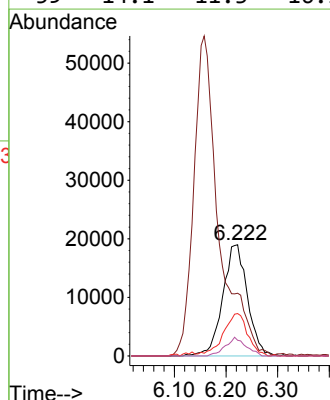
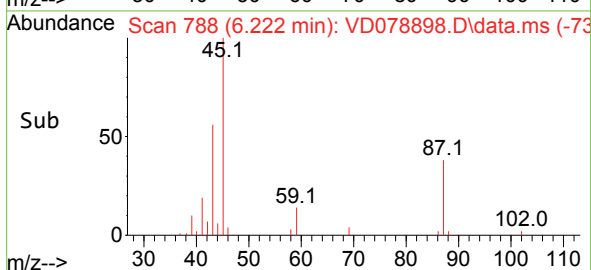
Tgt Ion: 96 Resp: 31710
Ion Ratio Lower Upper
96 100
61 104.4 96.1 144.1
98 50.8 48.9 73.3

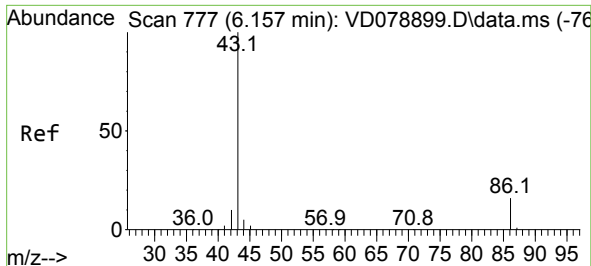


#22
Diisopropyl ether
Concen: 20.649 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47



Tgt Ion: 45 Resp: 63017
Ion Ratio Lower Upper
45 100
43 54.6 44.3 66.5
87 38.2 28.3 42.5
59 14.1 11.3 16.9

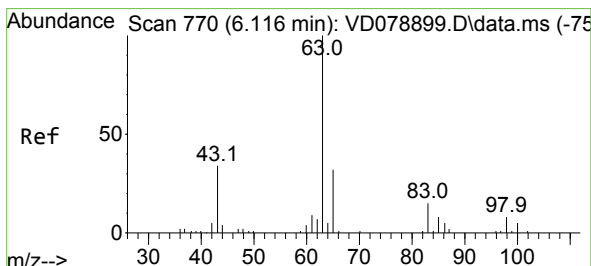
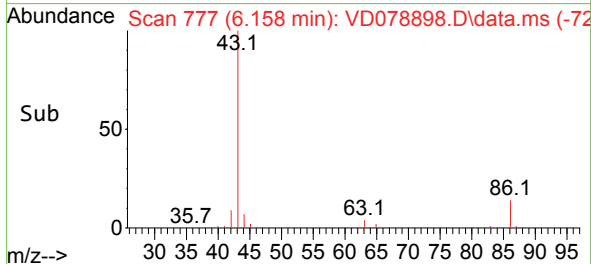
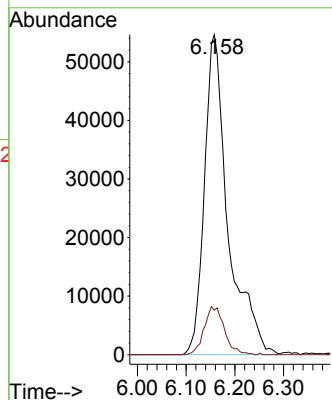
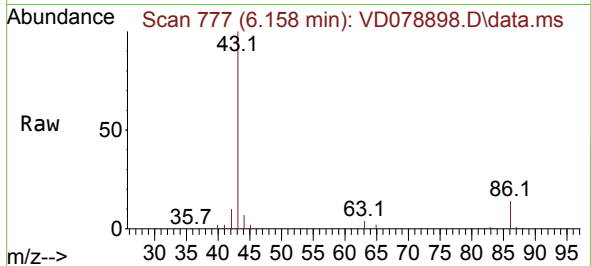




#23
 Vinyl Acetate
 Concen: 100.197 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

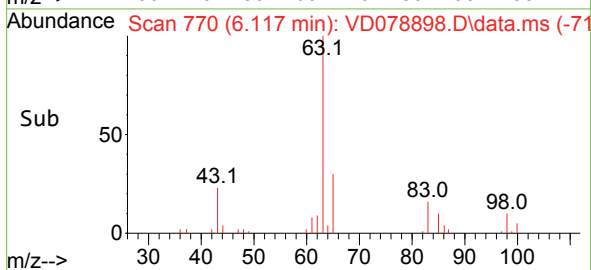
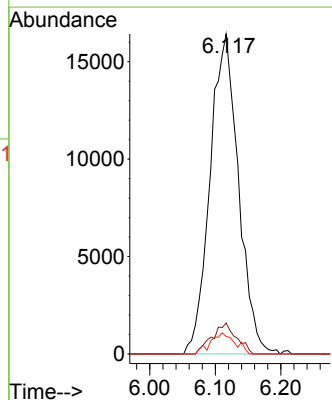
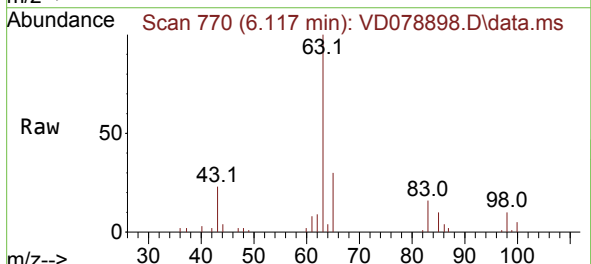
Instrument :
 MSVOA_D
 ClientSampleId :

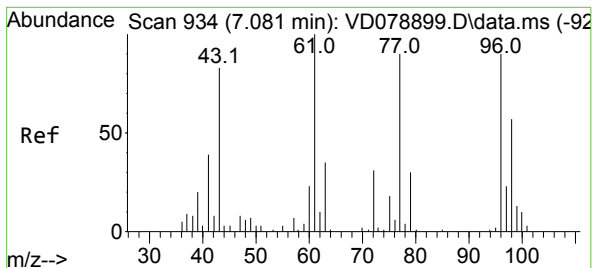
Tgt Ion: 43 Resp: 184112
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.922 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

Tgt Ion: 63 Resp: 49546
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.0 11.9
 100 5.4 2.7 8.1





#25

2-Butanone

Concen: 91.254 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

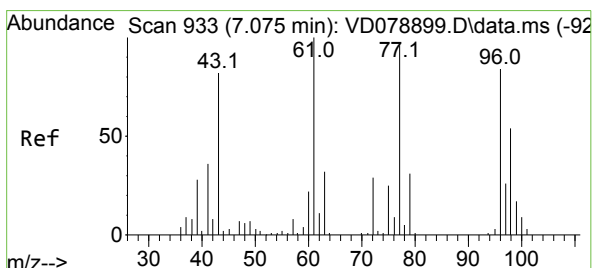
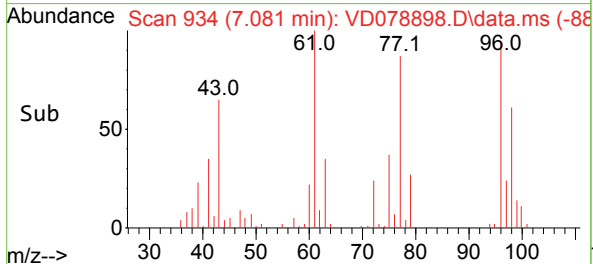
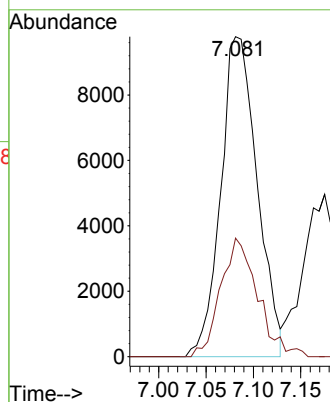
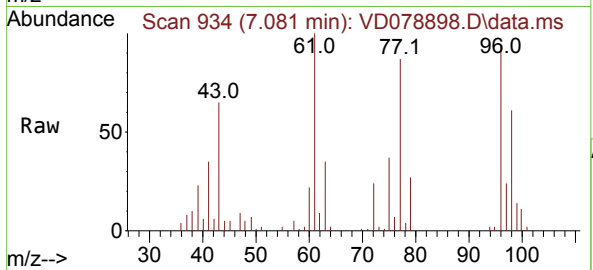
ClientSampleId :

Tgt Ion: 43 Resp: 26169

Ion Ratio Lower Upper

43 100

72 37.1 25.0 37.6



#26

2,2-Dichloropropane

Concen: 19.563 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD078898.D

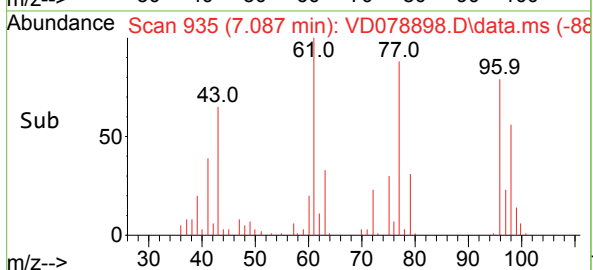
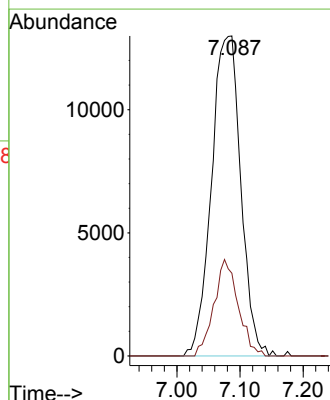
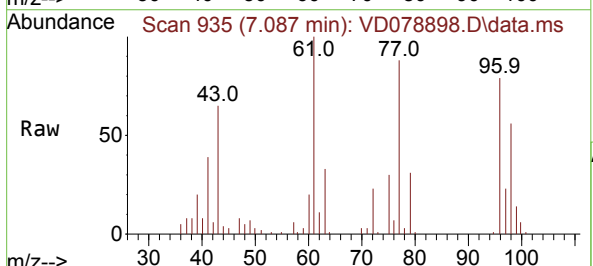
Acq: 10 May 2024 16:47

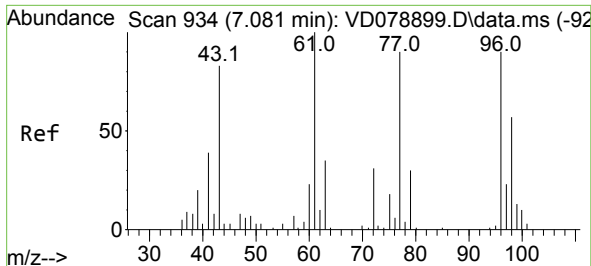
Tgt Ion: 77 Resp: 41888

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 20.249 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

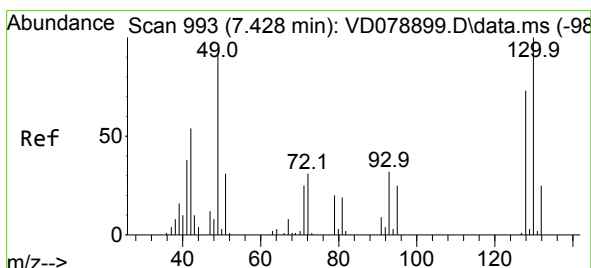
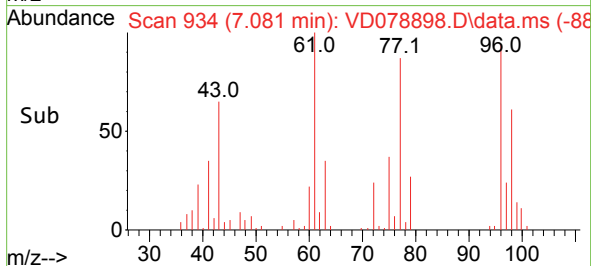
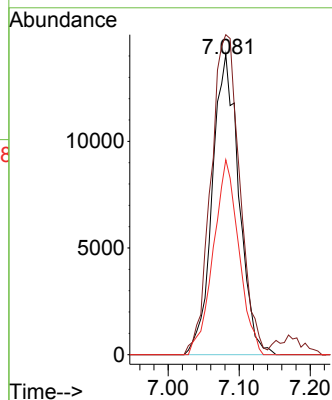
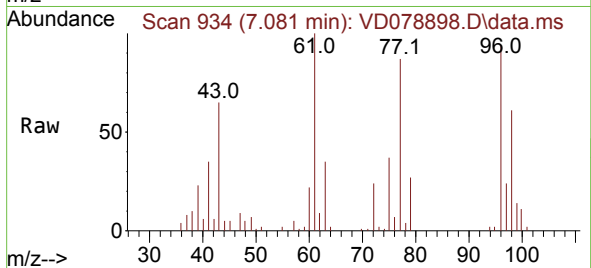
Tgt Ion: 96 Resp: 36541

Ion Ratio Lower Upper

96 100

61 115.7 0.0 245.0

98 62.5 0.0 126.6



#28

Bromochloromethane

Concen: 21.349 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

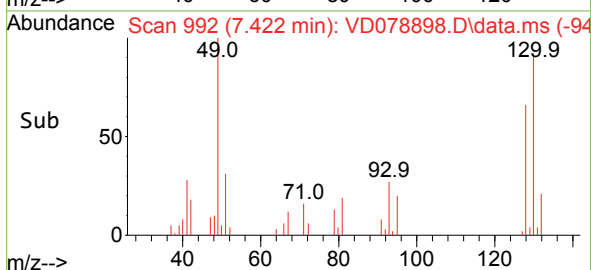
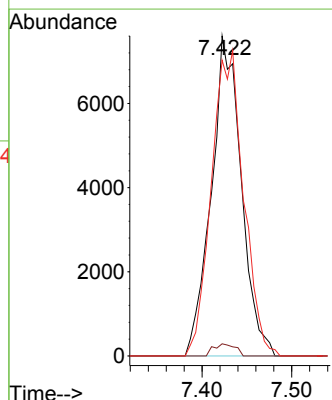
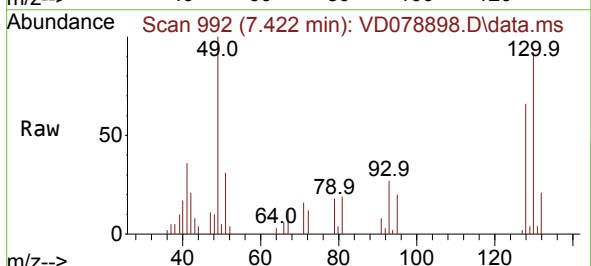
Tgt Ion: 49 Resp: 17642

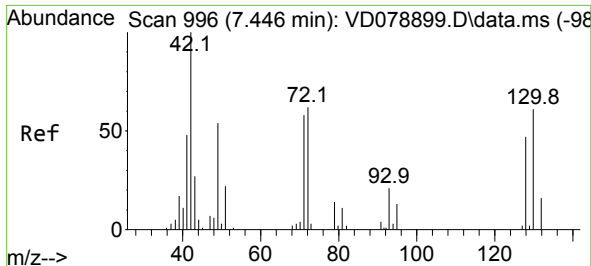
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.2

130 102.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 103.185 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

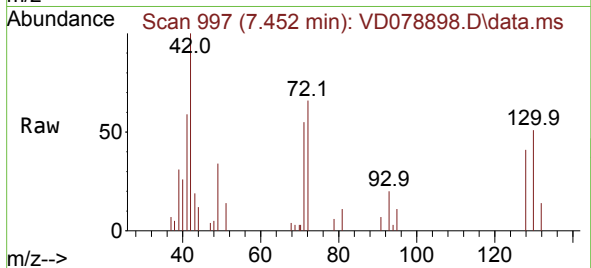
Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



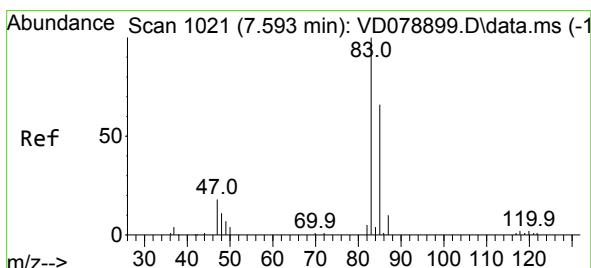
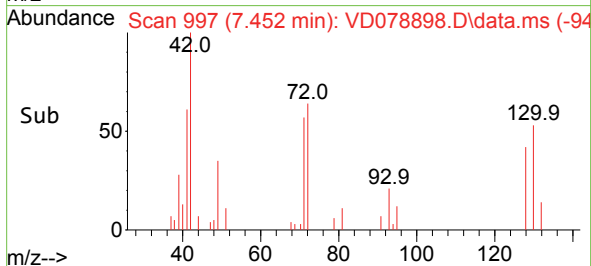
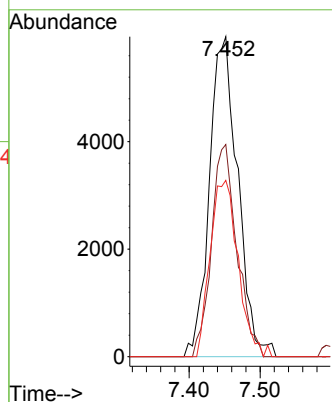
Tgt Ion: 42 Resp: 16461

Ion Ratio Lower Upper

42 100

72 59.7 43.8 65.6

71 54.4 42.0 63.0



#30

Chloroform

Concen: 20.486 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078898.D

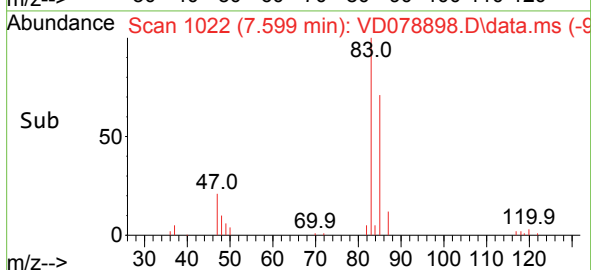
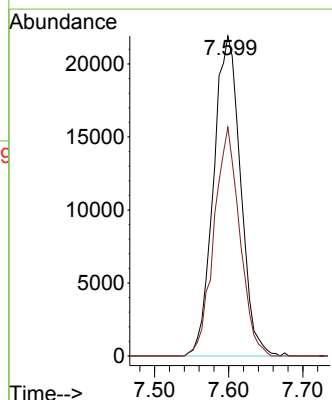
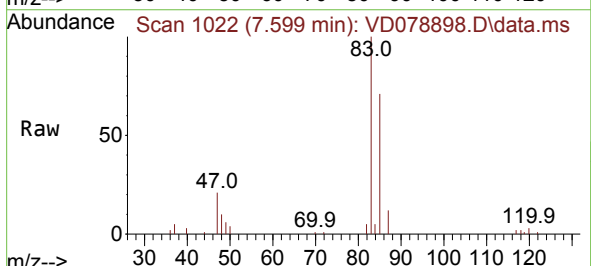
Acq: 10 May 2024 16:47

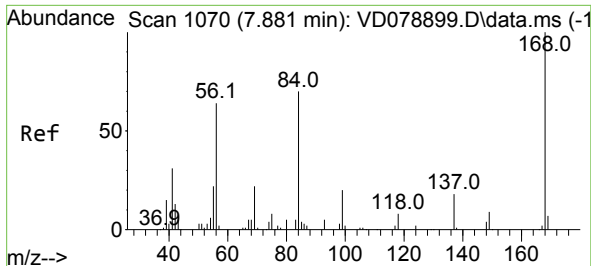
Tgt Ion: 83 Resp: 55463

Ion Ratio Lower Upper

83 100

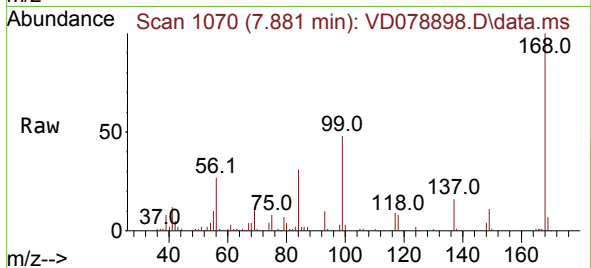
85 71.5 51.2 76.8



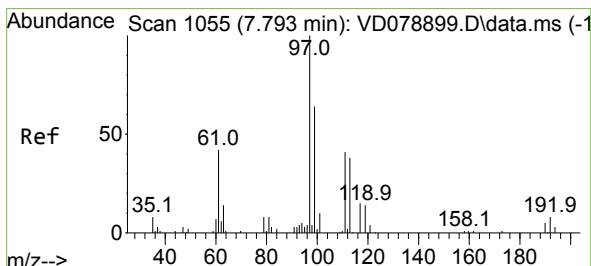
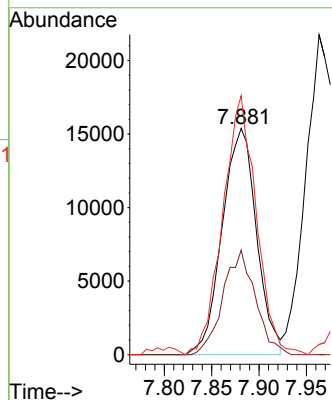
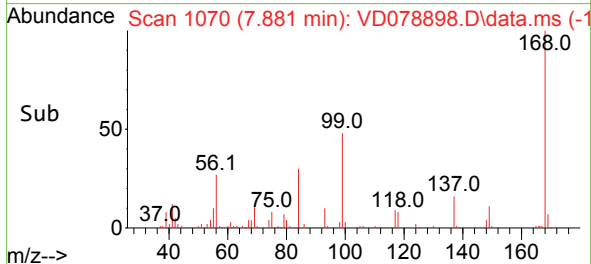


#31
Cyclohexane
Concen: 19.919 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

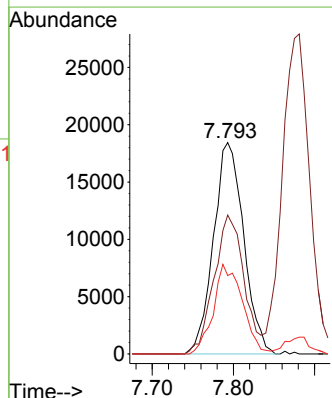
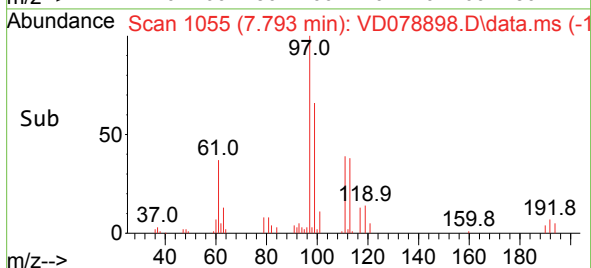
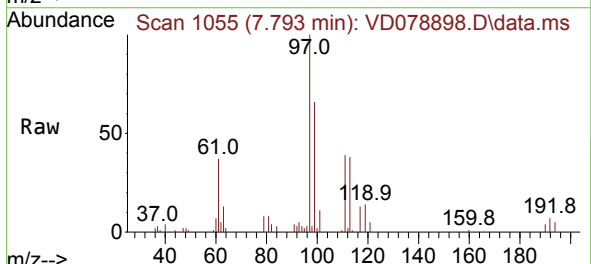


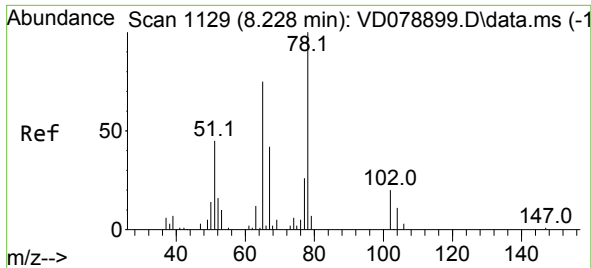
Tgt Ion: 56 Resp: 38769
Ion Ratio Lower Upper
56 100
69 46.2 26.6 40.0#
84 113.1 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 20.009 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

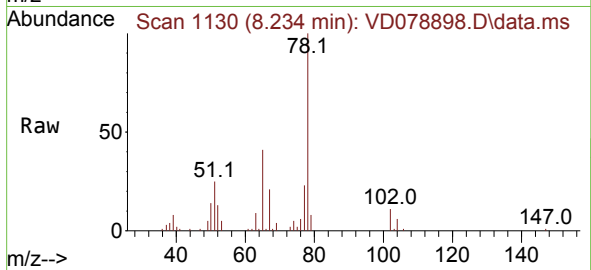
Tgt Ion: 97 Resp: 47651
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 40.7 33.0 49.6



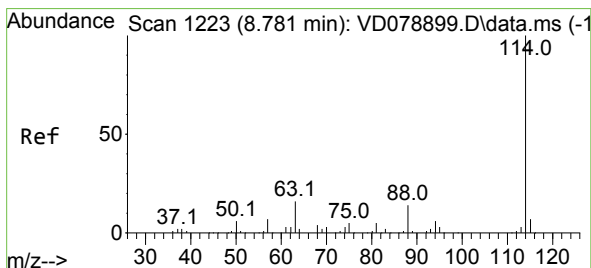
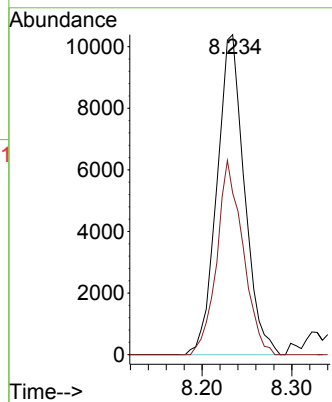
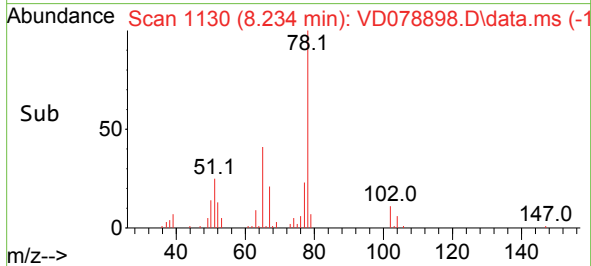


#33
 1,2-Dichloroethane-d4
 Concen: 18.526 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

Instrument :
 MSVOA_D
 ClientSampleId :

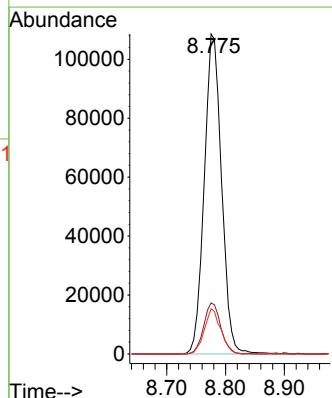
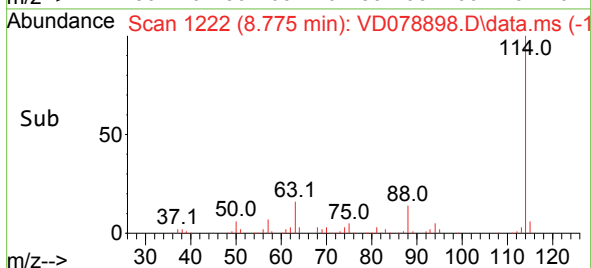
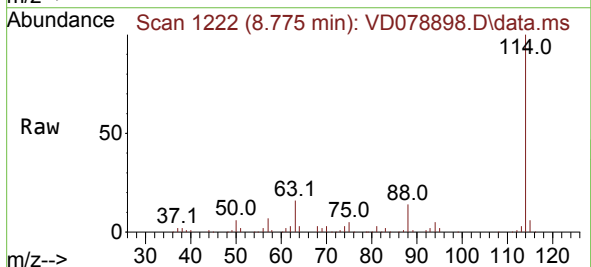


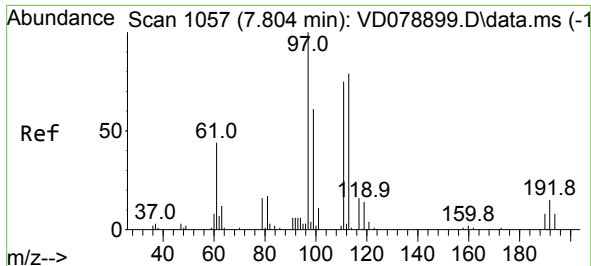
Tgt Ion: 65 Resp: 22075
 Ion Ratio Lower Upper
 65 100
 67 57.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

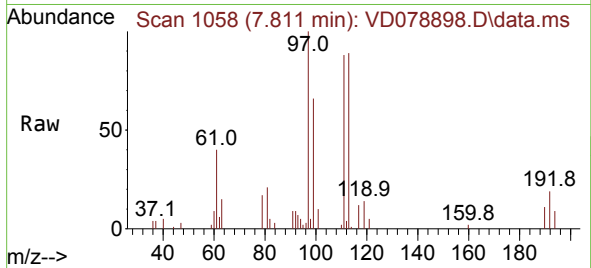
Tgt Ion: 114 Resp: 221761
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 33.4
 88 14.1 0.0 24.6



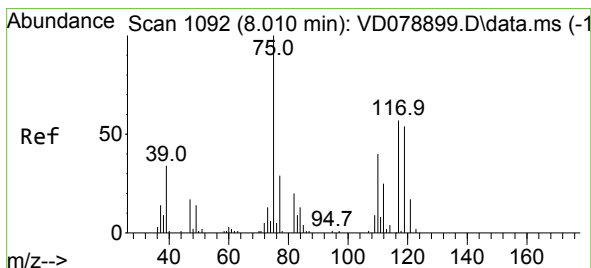
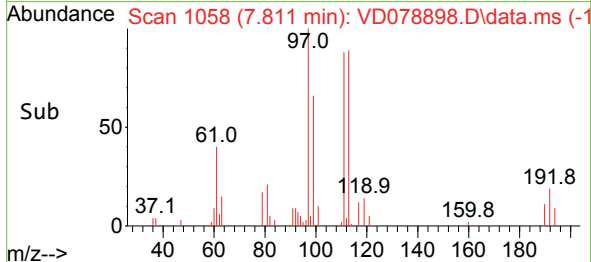
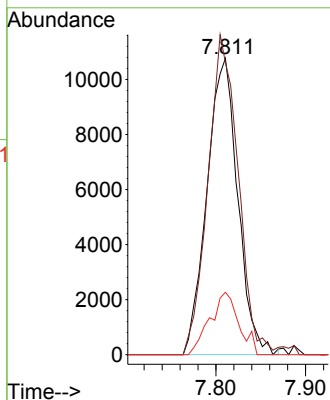


#35
Dibromofluoromethane
Concen: 17.842 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

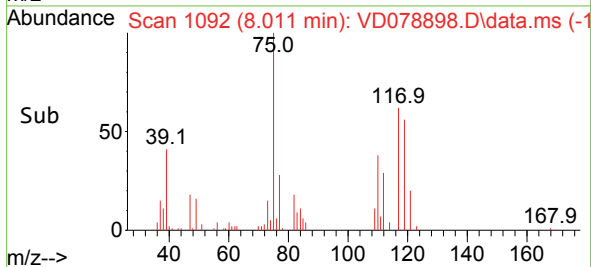
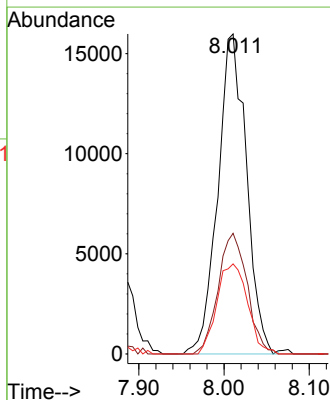
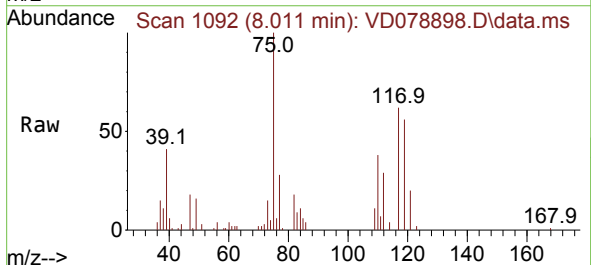


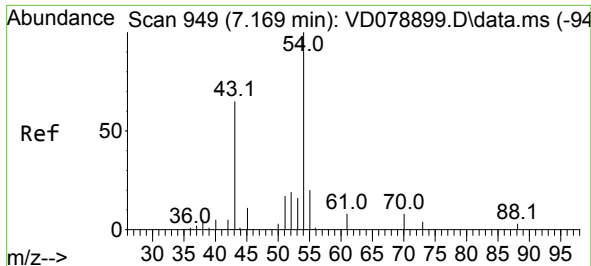
Tgt Ion:113 Resp: 25683
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 19.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 19.230 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

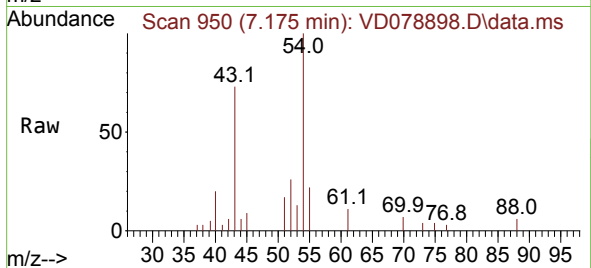
Tgt Ion: 75 Resp: 37190
Ion Ratio Lower Upper
75 100
110 38.3 19.1 57.1
77 30.3 25.4 38.2



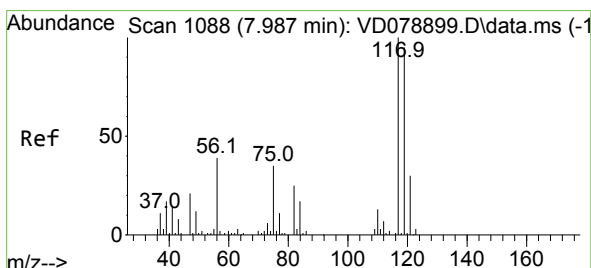
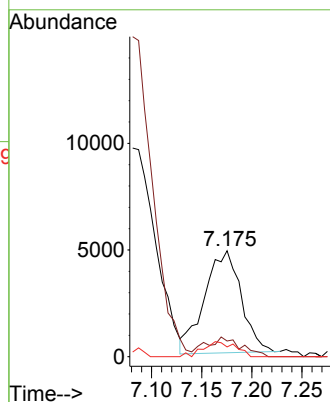
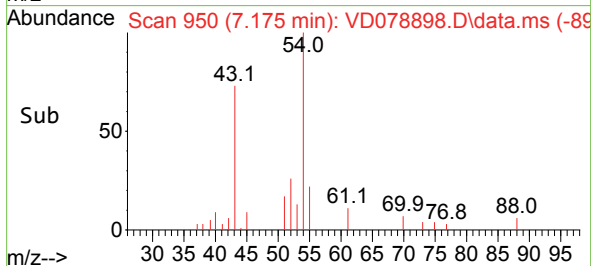


#37
Ethyl Acetate
Concen: 19.011 ug/l
RT: 7.175 min Scan# 911
Delta R.T. 0.012 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

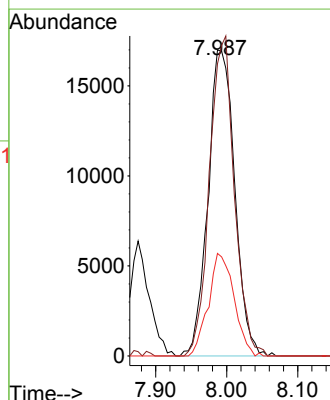
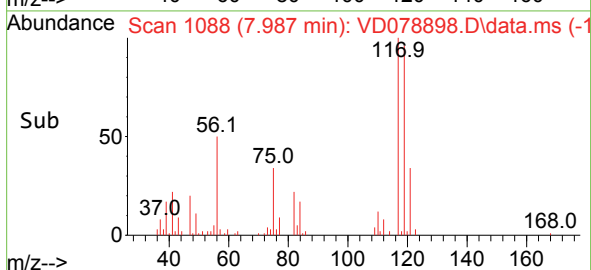
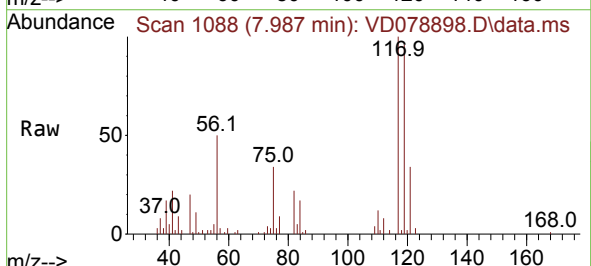


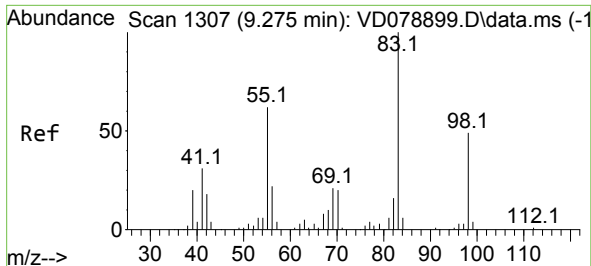
Tgt Ion: 43 Resp: 12132
Ion Ratio Lower Upper
43 100
61 18.3 14.6 21.8
70 12.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.617 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 117 Resp: 44550
Ion Ratio Lower Upper
117 100
119 95.5 79.2 118.8
121 33.5 26.8 40.2





#39

Methylcyclohexane

Concen: 18.762 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

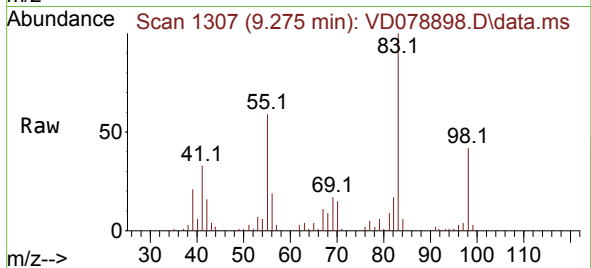
Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



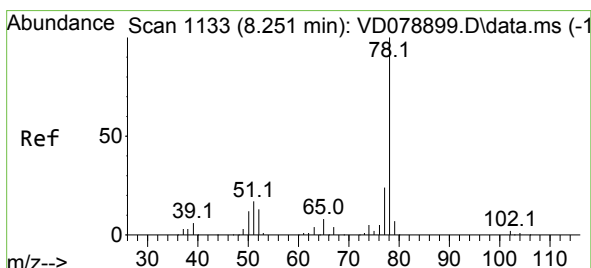
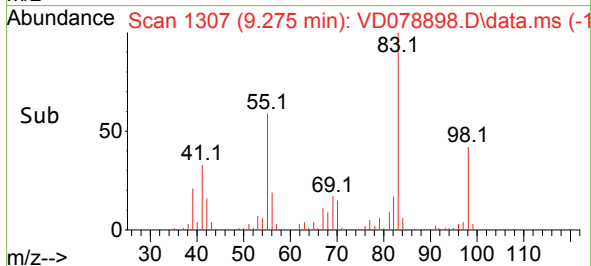
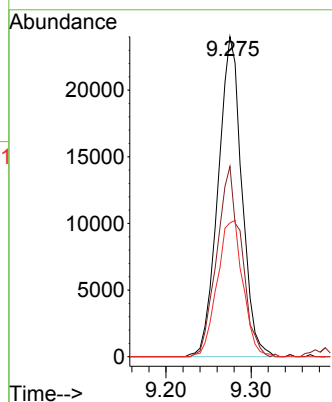
Tgt Ion: 83 Resp: 46516

Ion Ratio Lower Upper

83 100

55 59.4 51.7 77.5

98 41.8 41.4 62.0



#40

Benzene

Concen: 19.356 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078898.D

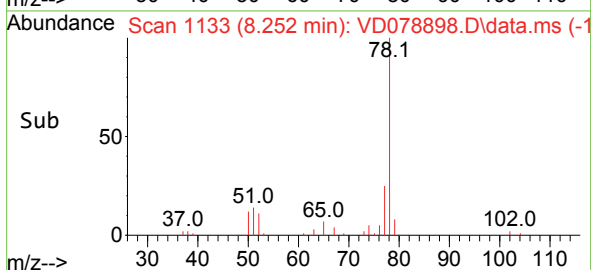
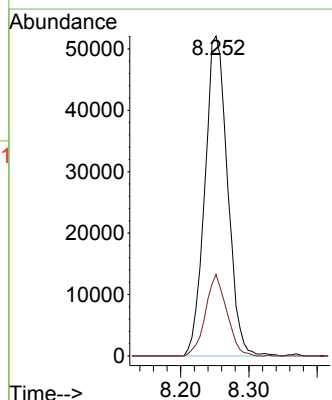
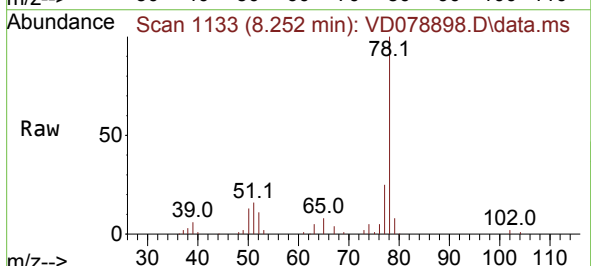
Acq: 10 May 2024 16:47

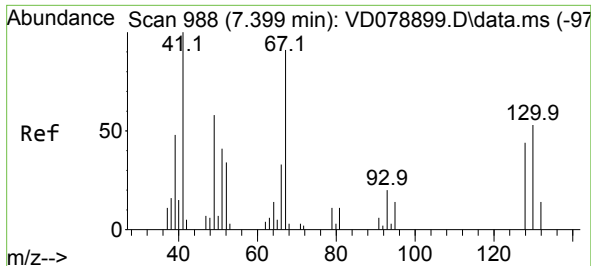
Tgt Ion: 78 Resp: 120710

Ion Ratio Lower Upper

78 100

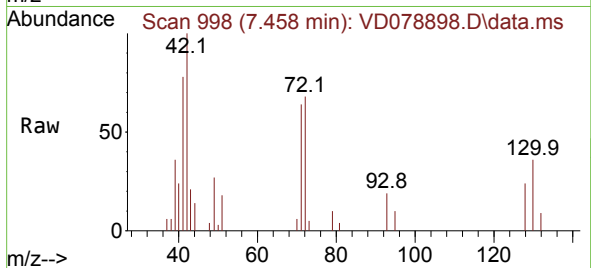
77 25.5 20.4 30.6



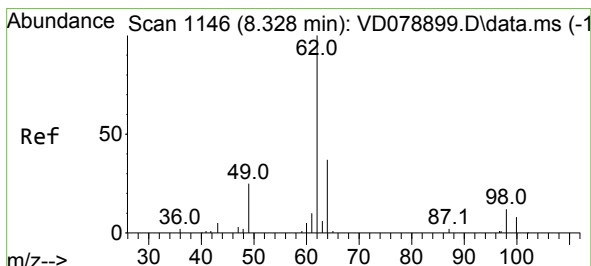
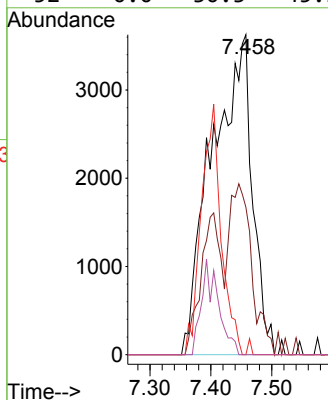
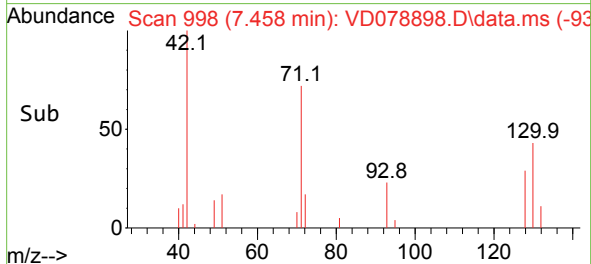


#41
Methacrylonitrile
Concen: 46.661 ug/l
RT: 7.458 min Scan# 91
Delta R.T. 0.059 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

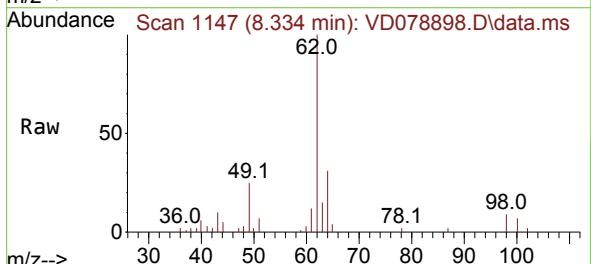
Instrument :
MSVOA_D
ClientSampleId :



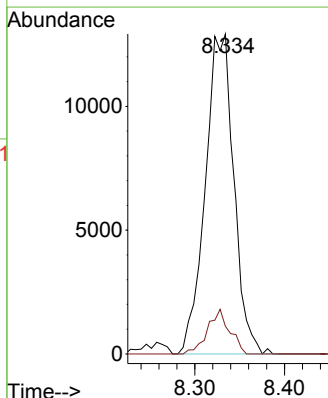
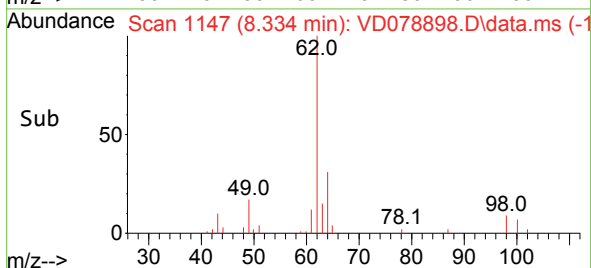
Tgt Ion: 41 Resp: 16506
Ion Ratio Lower Upper
41 100
39 30.2 39.8 59.6#
67 0.0 83.5 125.3#
52 0.0 30.3 45.5#

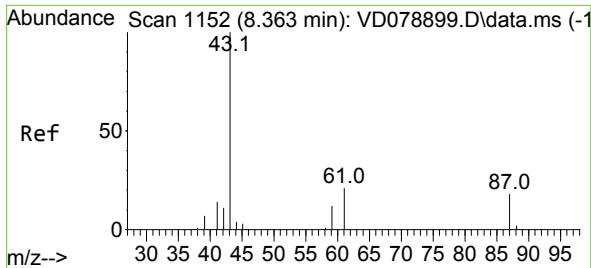


#42
1,2-Dichloroethane
Concen: 19.628 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47



Tgt Ion: 62 Resp: 28529
Ion Ratio Lower Upper
62 100
98 10.8 0.0 23.8

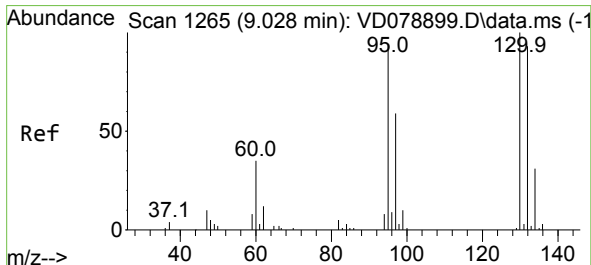
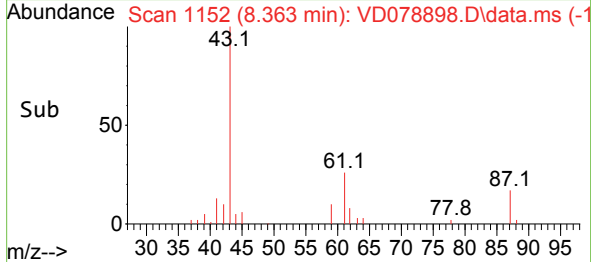
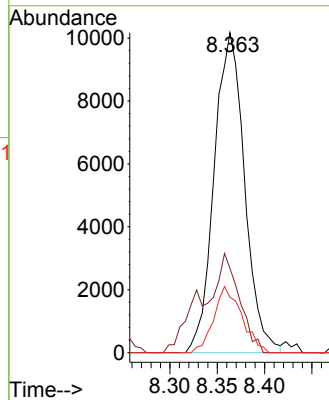
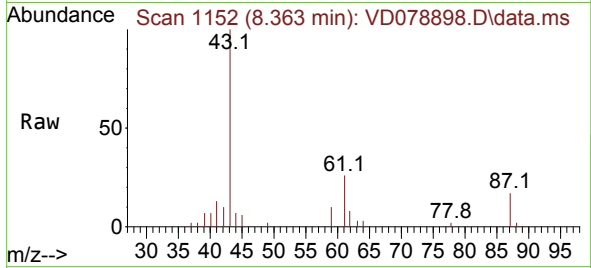




#43
Isopropyl Acetate
Concen: 19.171 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

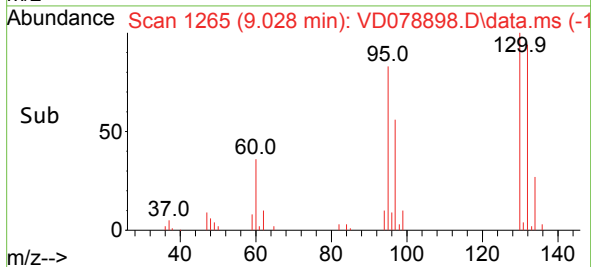
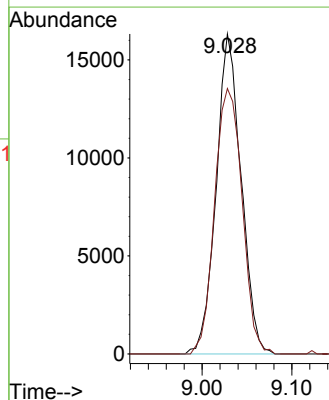
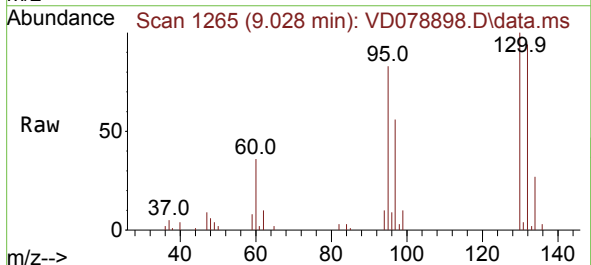
Instrument :
MSVOA_D
ClientSampleId :

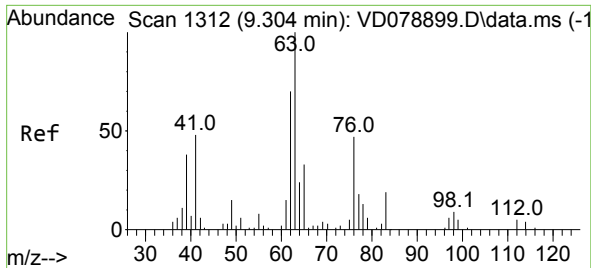
Tgt Ion: 43 Resp: 22723
Ion Ratio Lower Upper
43 100
61 24.0 30.1 45.1#
87 19.0 14.4 21.6



#44
Trichloroethene
Concen: 18.915 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion:130 Resp: 31439
Ion Ratio Lower Upper
130 100
95 83.0 0.0 197.8

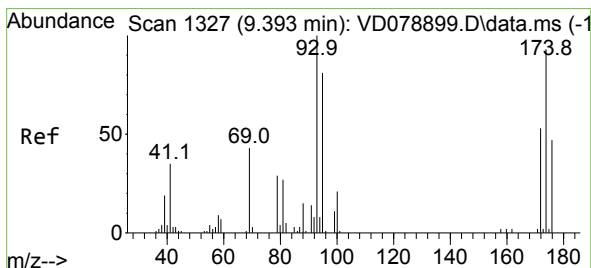
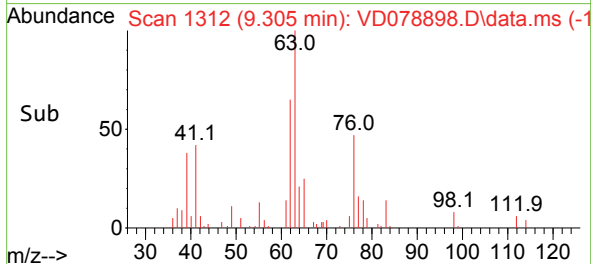
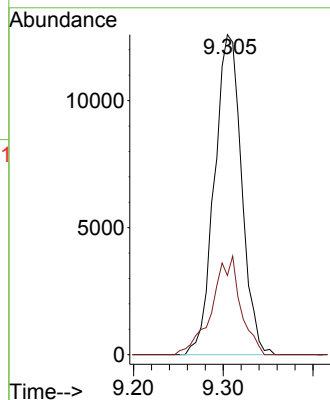
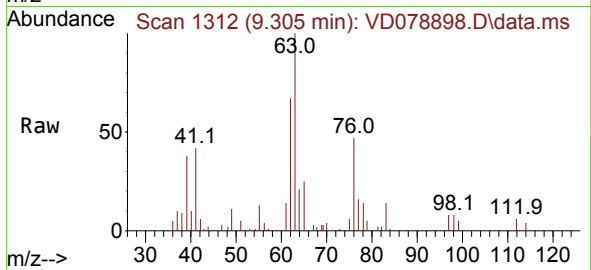




#45
1,2-Dichloropropane
Concen: 19.257 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

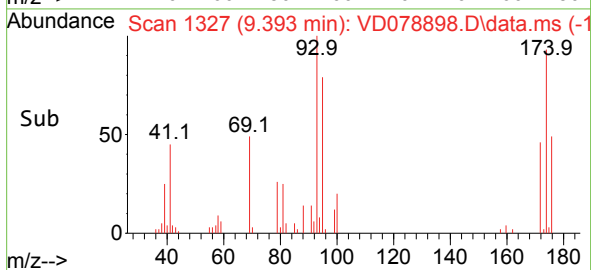
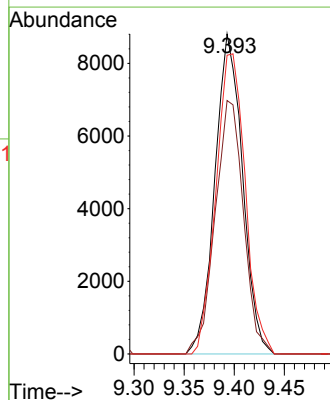
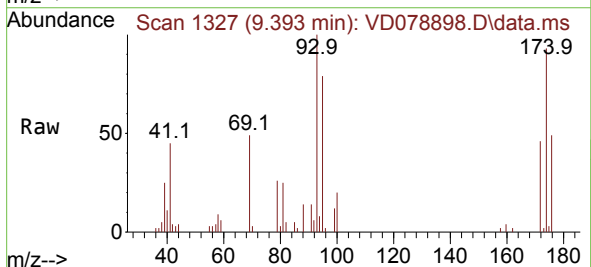
Instrument :
MSVOA_D
ClientSampleId :

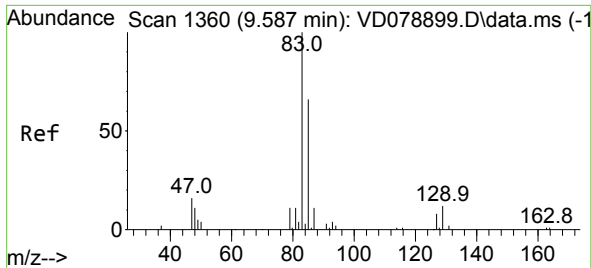
Tgt Ion: 63 Resp: 26455
Ion Ratio Lower Upper
63 100
65 24.8 24.8 37.2#



#46
Dibromomethane
Concen: 19.326 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 93 Resp: 16849
Ion Ratio Lower Upper
93 100
95 81.5 67.3 100.9
174 99.5 80.9 121.3

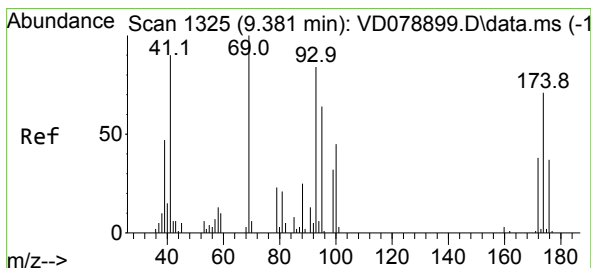
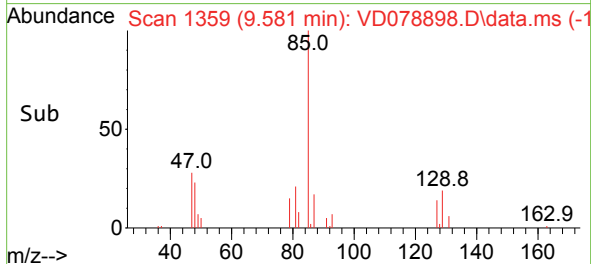
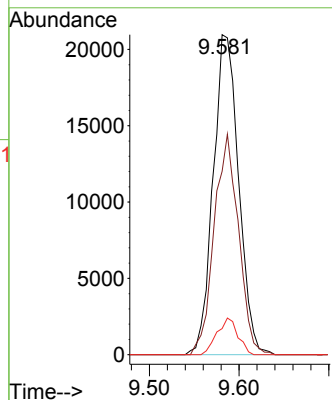
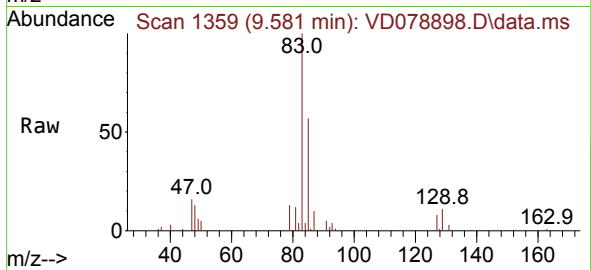




#47
Bromodichloromethane
Concen: 19.117 ug/l
RT: 9.581 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

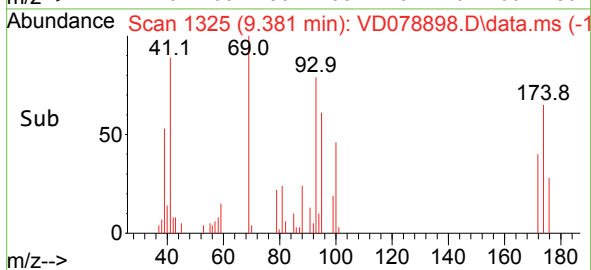
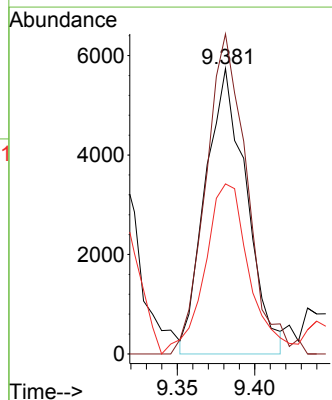
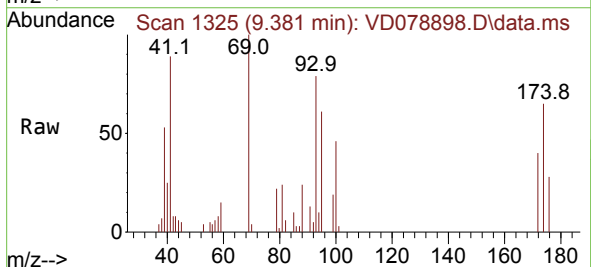
Instrument :
MSVOA_D
ClientSampleId :

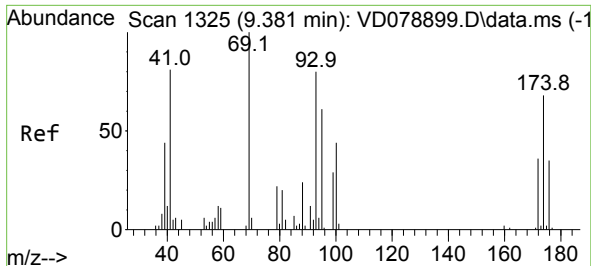
Tgt Ion: 83 Resp: 41244
Ion Ratio Lower Upper
83 100
85 57.3 54.0 81.0
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 19.161 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 41 Resp: 10542
Ion Ratio Lower Upper
41 100
69 112.5 88.3 132.5
39 64.6 46.6 69.8





#49

1,4-Dioxane

Concen: 405.728 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

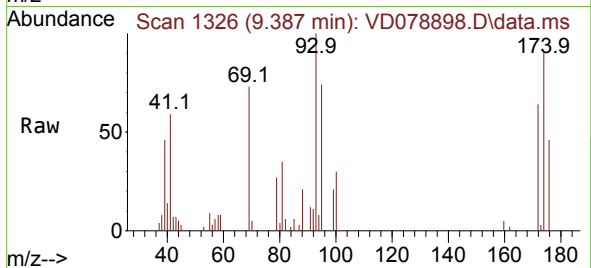
Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



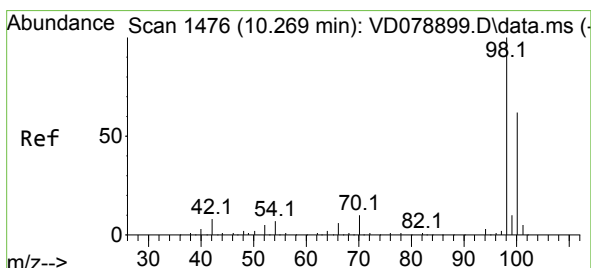
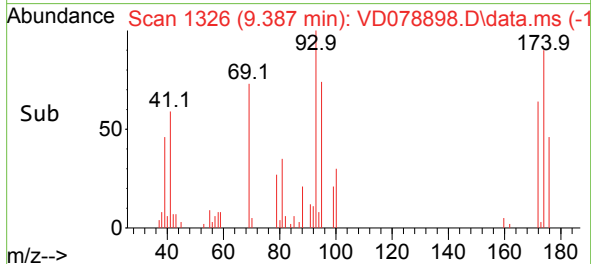
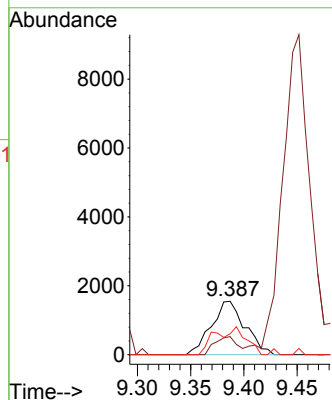
Tgt Ion: 88 Resp: 3408

Ion Ratio Lower Upper

88 100

43 22.4 23.2 34.8#

58 20.8 51.0 76.6#



#50

Toluene-d8

Concen: 18.190 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078898.D

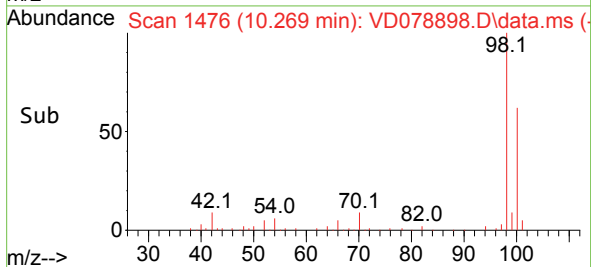
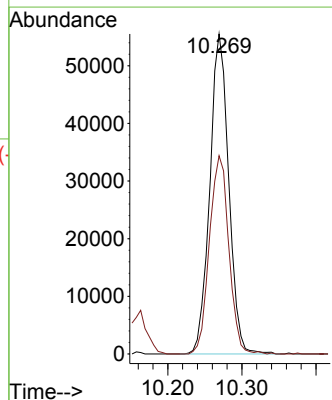
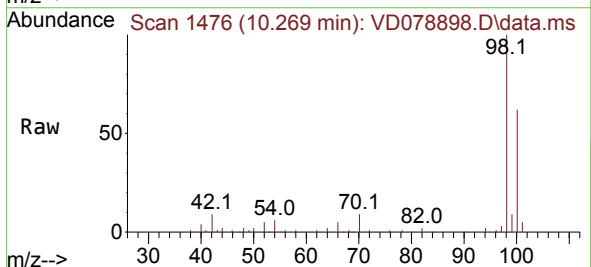
Acq: 10 May 2024 16:47

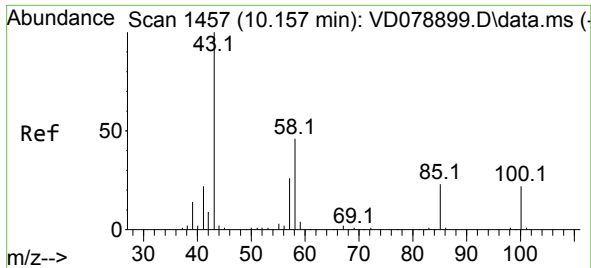
Tgt Ion: 98 Resp: 98495

Ion Ratio Lower Upper

98 100

100 63.6 50.5 75.7

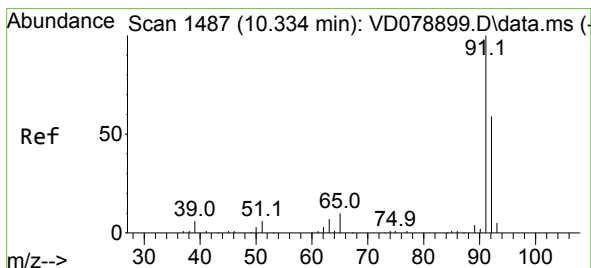
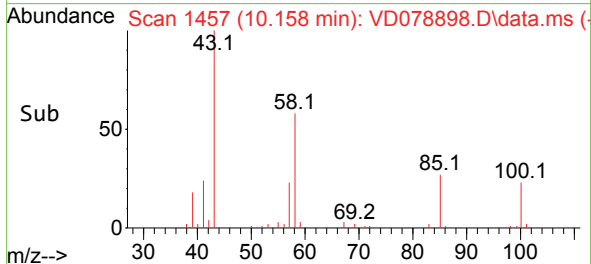
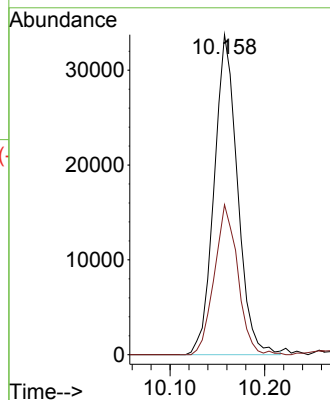
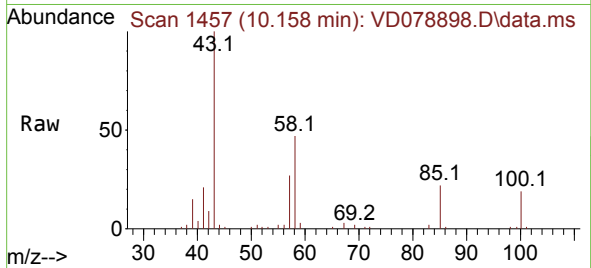




#51
4-Methyl-2-Pentanone
Concen: 95.209 ug/l
RT: 10.158 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

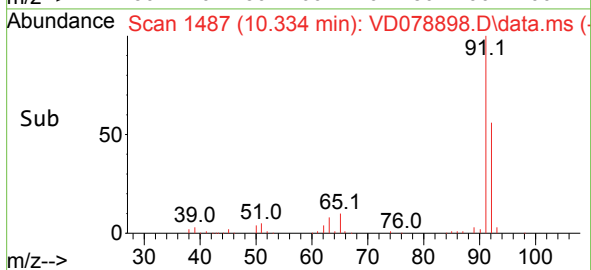
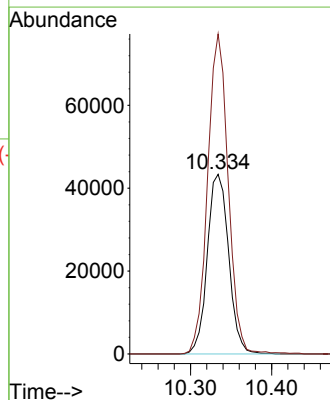
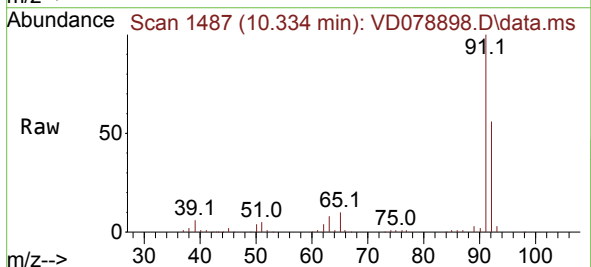
Instrument :
MSVOA_D
ClientSampleId :

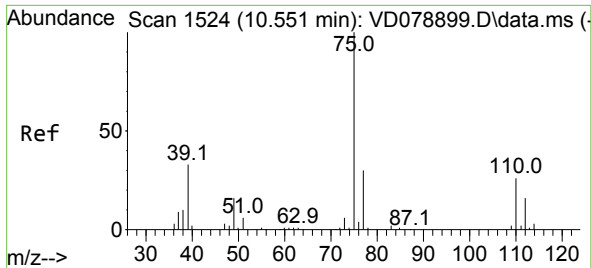
Tgt Ion: 43 Resp: 57928
Ion Ratio Lower Upper
43 100
58 46.9 36.4 54.6



#52
Toluene
Concen: 19.567 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 92 Resp: 79165
Ion Ratio Lower Upper
92 100
91 171.9 136.6 205.0

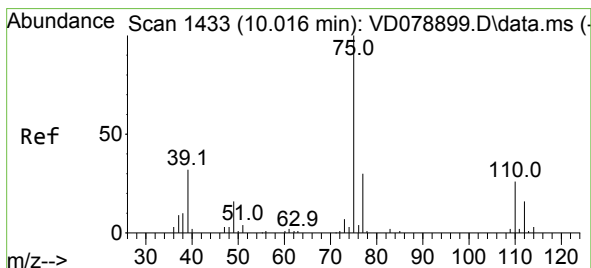
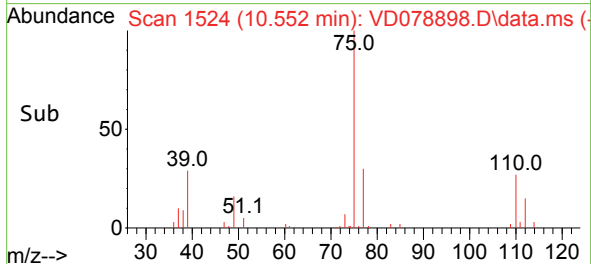
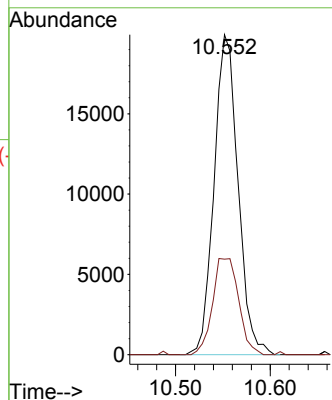
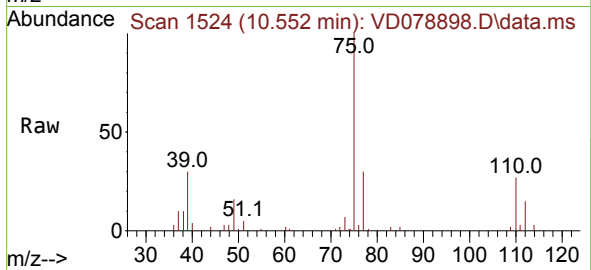




#53
 t-1,3-Dichloropropene
 Concen: 19.155 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

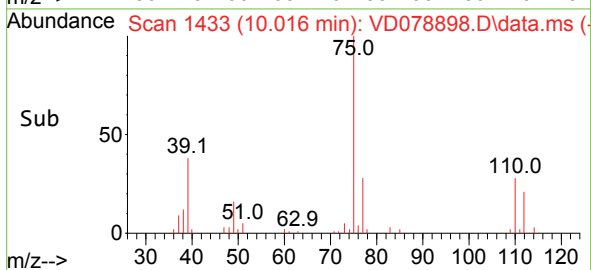
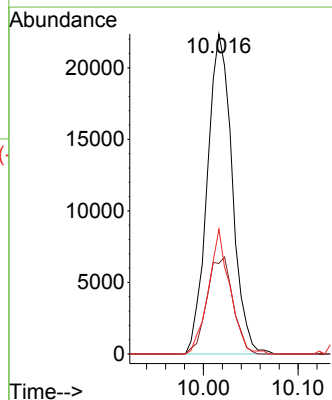
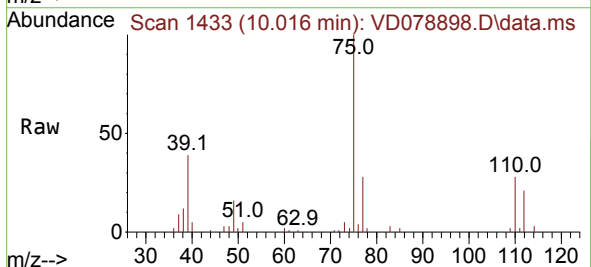
Instrument :
 MSVOA_D
 ClientSampleId :

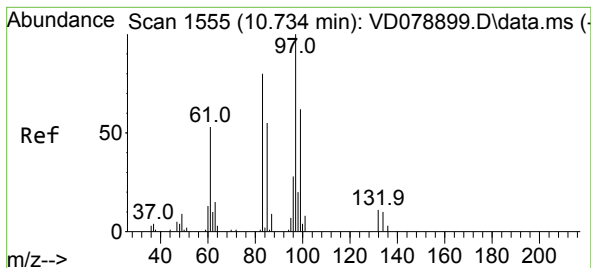
Tgt Ion: 75 Resp: 35015
 Ion Ratio Lower Upper
 75 100
 77 29.9 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.666 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

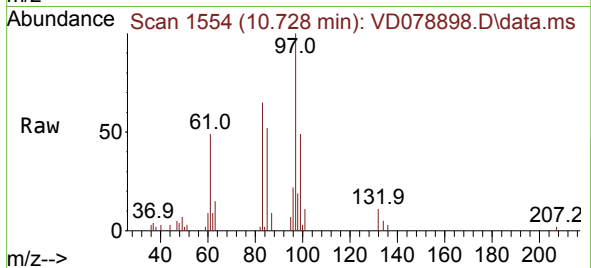
Tgt Ion: 75 Resp: 40969
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.4 38.0
 39 39.0 26.7 40.1



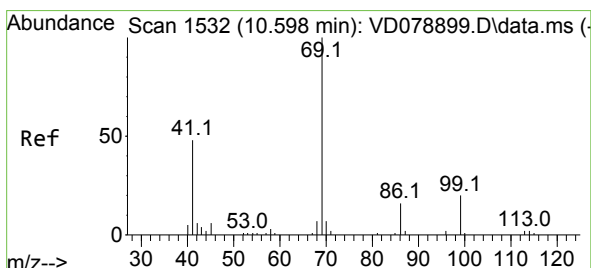
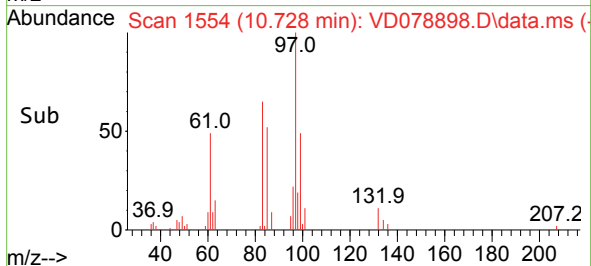
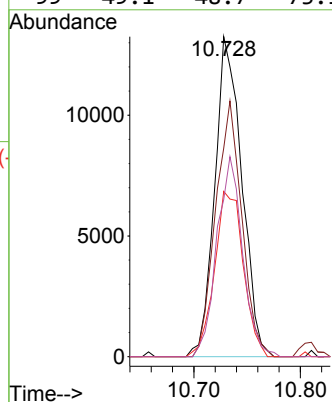


#55
1,1,2-Trichloroethane
Concen: 20.058 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

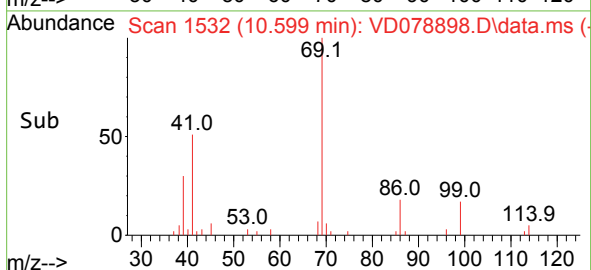
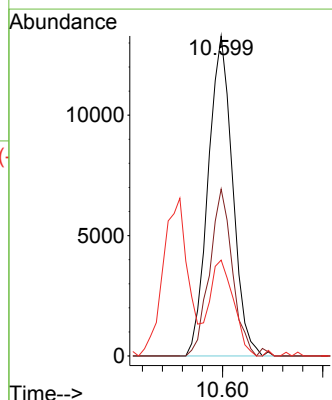
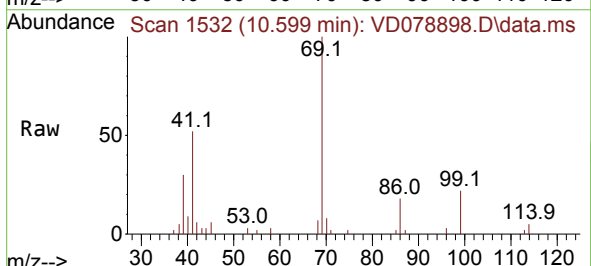


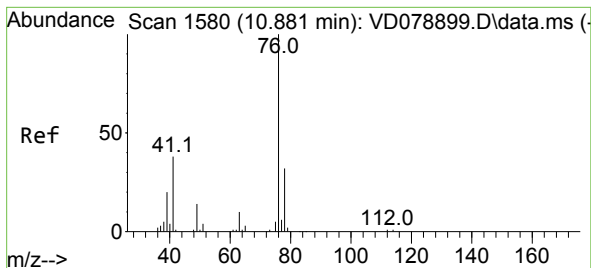
Tgt Ion:	97	Resp:	23348
Ion	Ratio	Lower	Upper
97	100		
83	65.2	68.1	102.1#
85	51.7	48.2	72.2
99	49.1	48.7	73.1



#56
Ethyl methacrylate
Concen: 18.688 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion:	69	Resp:	22498
Ion	Ratio	Lower	Upper
69	100		
41	48.6	40.9	61.3
39	30.1	25.5	38.3





#57

1,3-Dichloropropane

Concen: 19.272 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

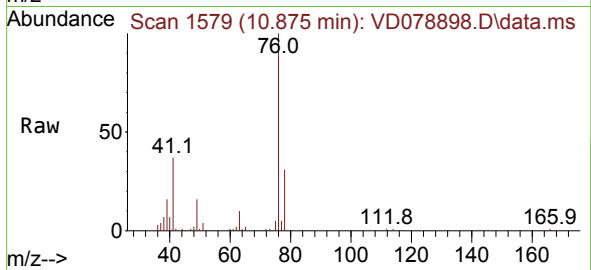
Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

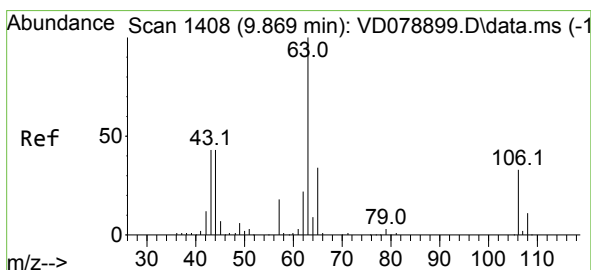
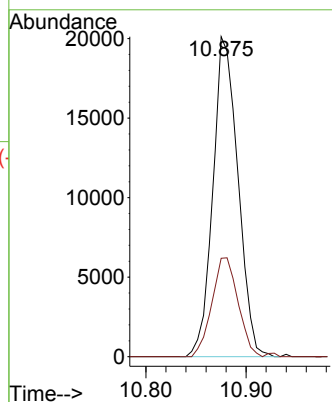
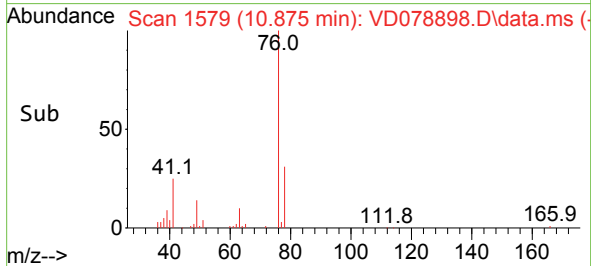


Tgt Ion: 76 Resp: 34847

Ion Ratio Lower Upper

76 100

78 32.3 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.534 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078898.D

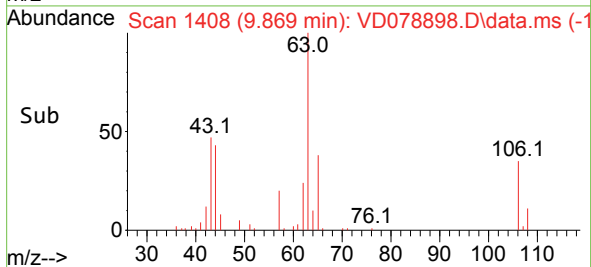
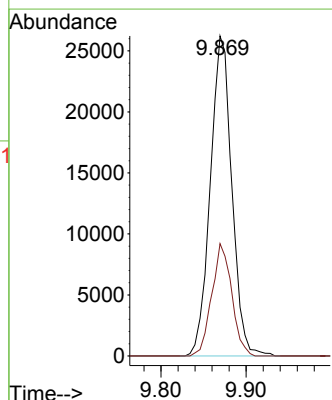
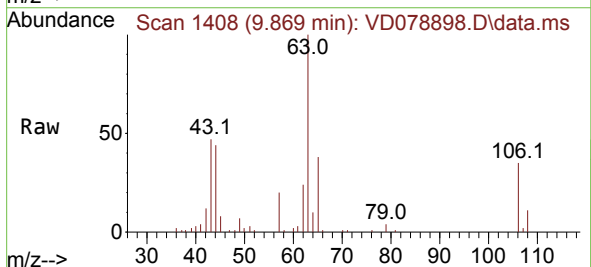
Acq: 10 May 2024 16:47

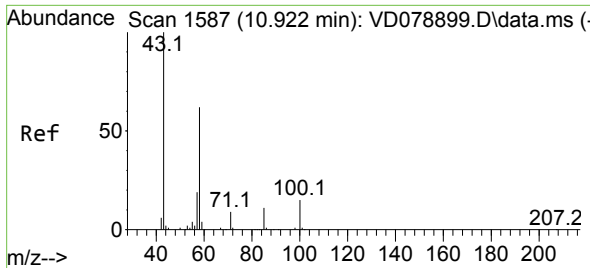
Tgt Ion: 63 Resp: 46072

Ion Ratio Lower Upper

63 100

106 32.6 25.2 37.8

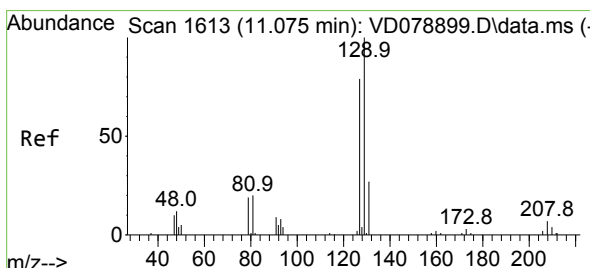
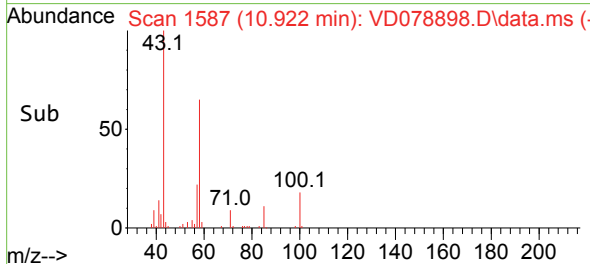
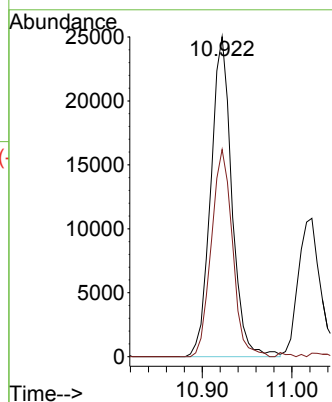
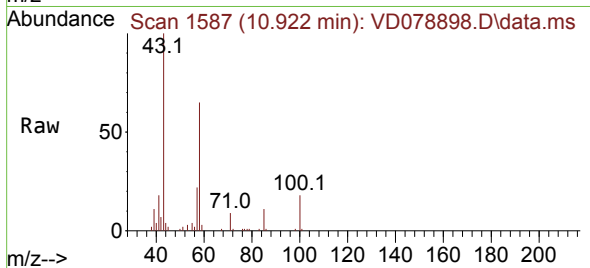




#59
2-Hexanone
Concen: 90.944 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

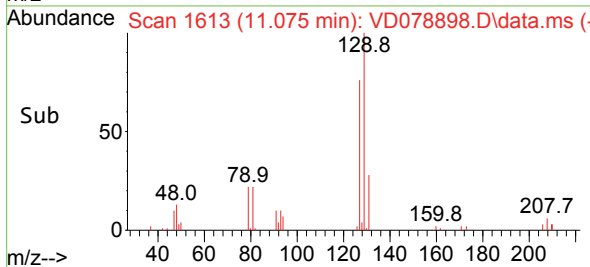
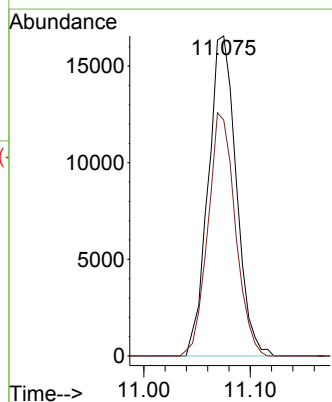
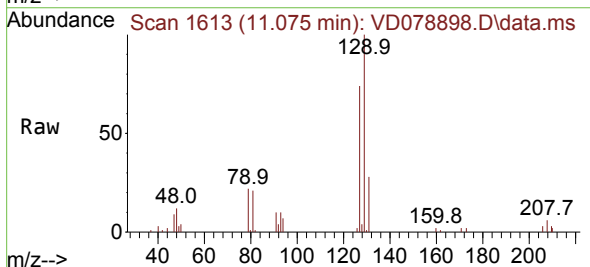
Instrument :
MSVOA_D
ClientSampleId :

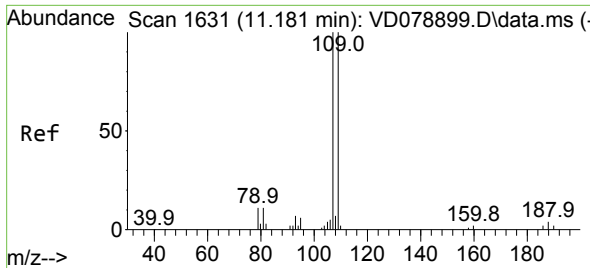
Tgt Ion: 43 Resp: 40764
Ion Ratio Lower Upper
43 100
58 64.9 31.5 94.5



#60
Dibromochloromethane
Concen: 19.320 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 129 Resp: 30329
Ion Ratio Lower Upper
129 100
127 74.1 38.8 116.3

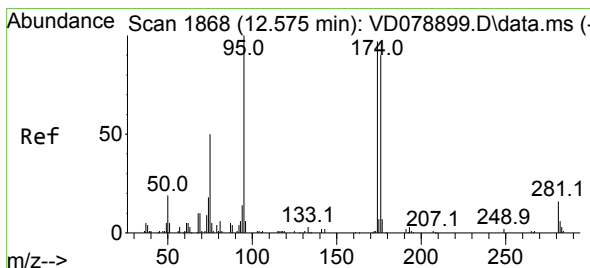
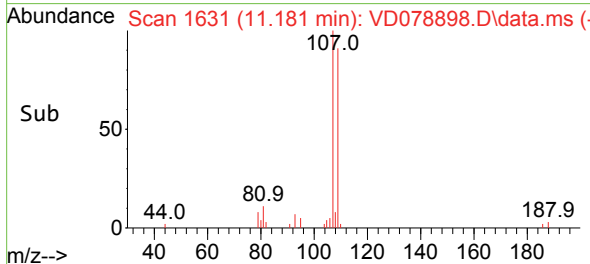
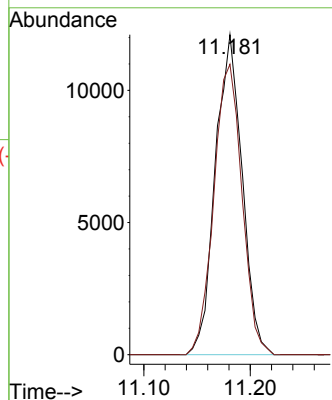
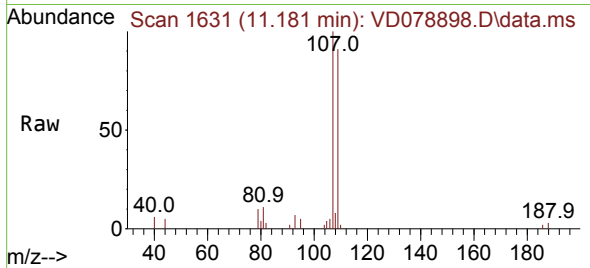




#61
1,2-Dibromoethane
Concen: 19.497 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

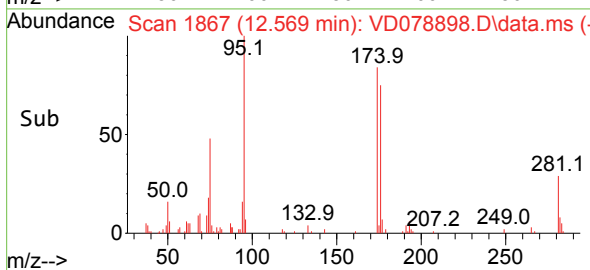
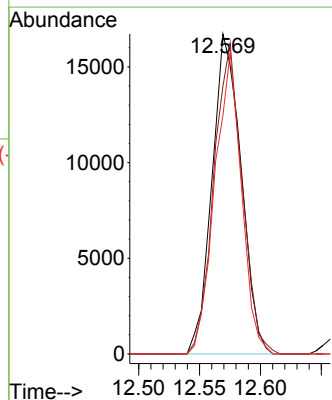
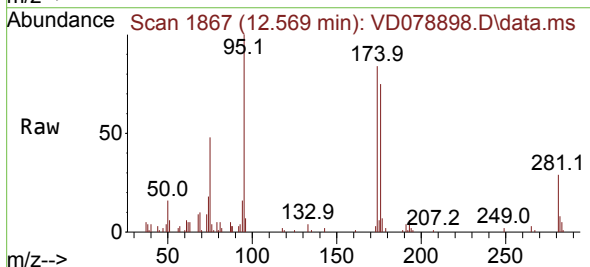
Instrument :
MSVOA_D
ClientSampleId :

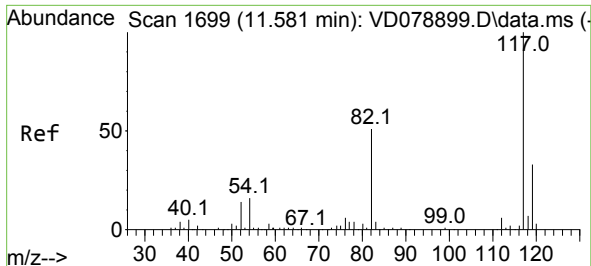
Tgt Ion:107 Resp: 21228
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 18.108 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 95 Resp: 27694
Ion Ratio Lower Upper
95 100
174 94.3 0.0 195.2
176 86.4 0.0 188.2

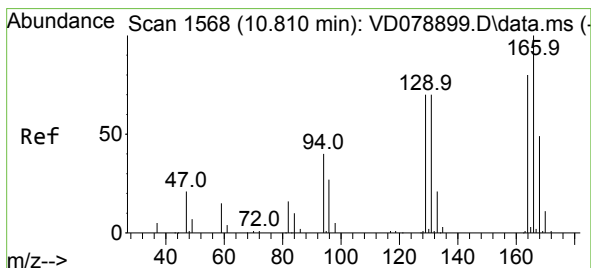
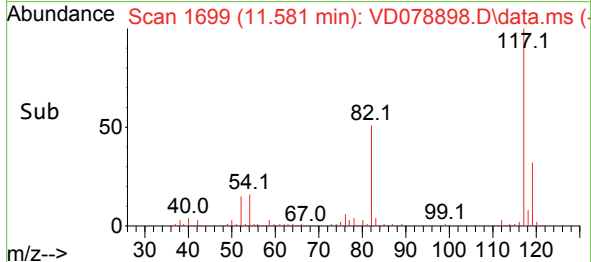
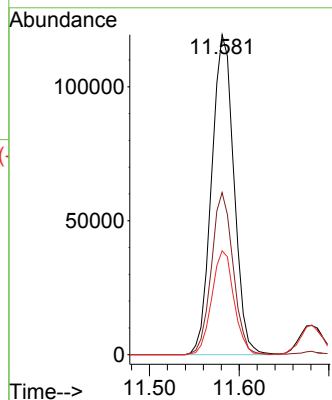
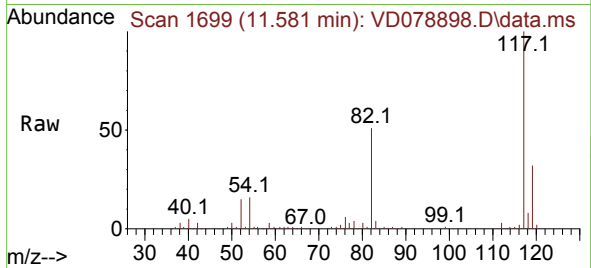




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

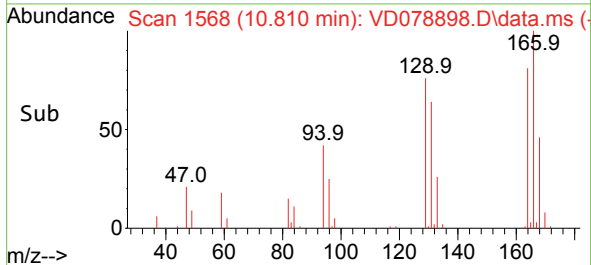
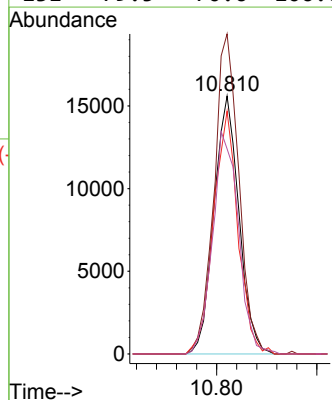
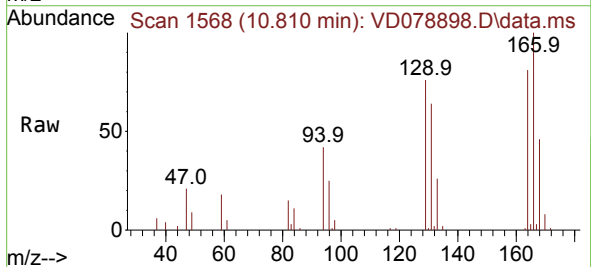
Instrument :
MSVOA_D
ClientSampleId :

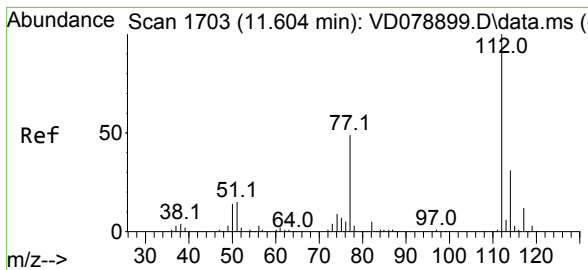
Tgt Ion:117 Resp: 206075
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.2
119 32.4 26.5 39.7



#64
Tetrachloroethene
Concen: 18.895 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion:164 Resp: 26984
Ion Ratio Lower Upper
164 100
166 124.1 98.9 148.3
129 94.1 70.3 105.5
131 79.5 70.6 106.0

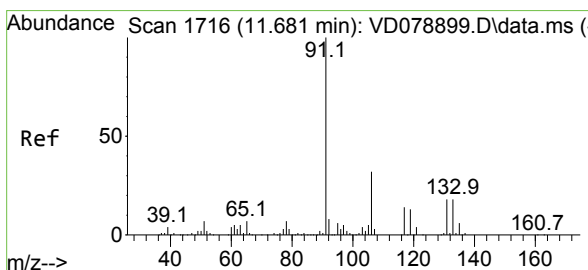
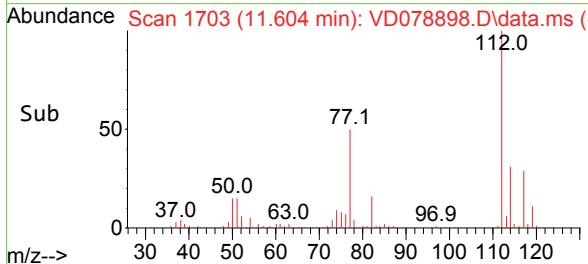
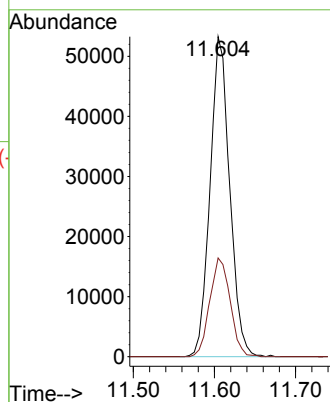
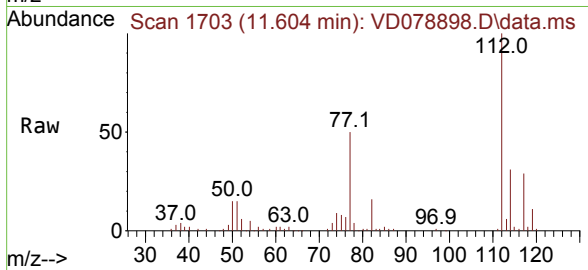




#65
Chlorobenzene
Concen: 19.365 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

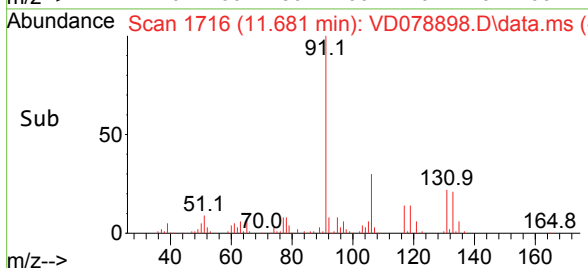
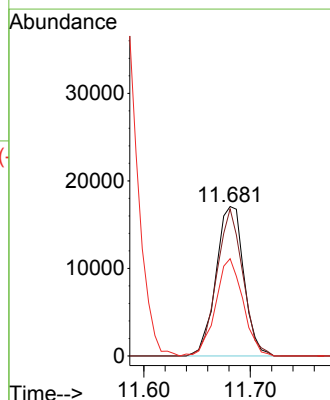
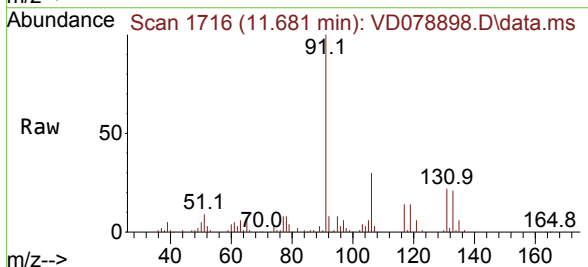
Instrument :
MSVOA_D
ClientSampleId :

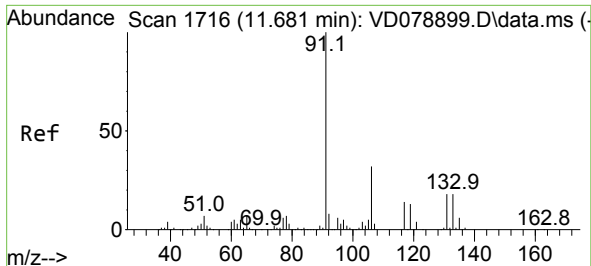
Tgt Ion:112 Resp: 89324
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.490 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion:131 Resp: 31051
Ion Ratio Lower Upper
131 100
133 92.1 47.6 142.9
119 63.9 34.1 102.3

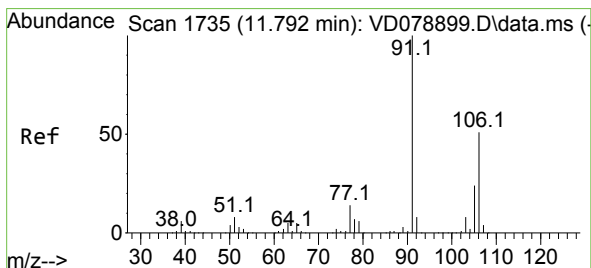
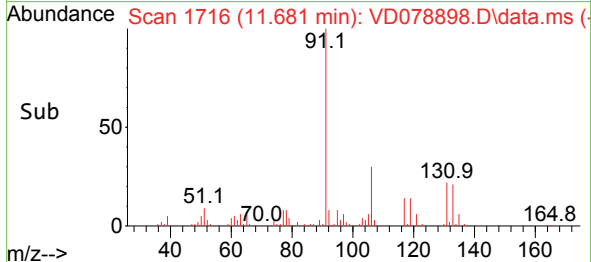
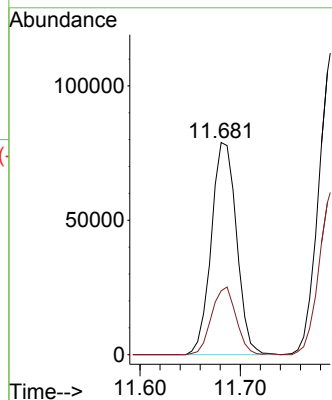
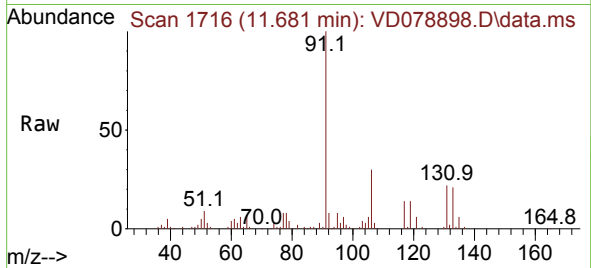




#67
Ethyl Benzene
Concen: 18.781 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

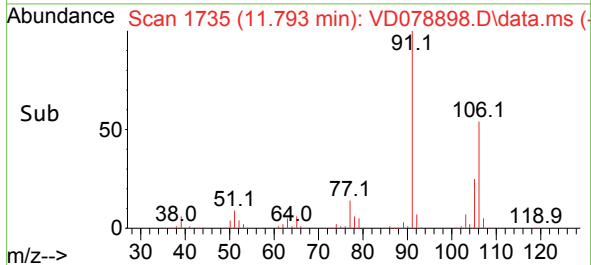
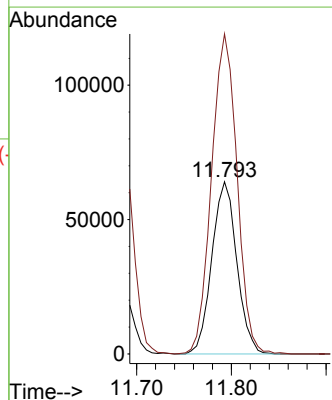
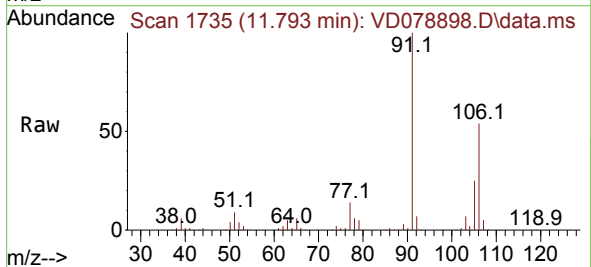
Instrument :
MSVOA_D
ClientSampleId :

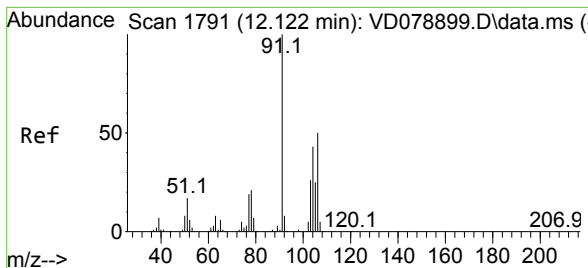
Tgt Ion: 91 Resp: 138280
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7



#68
m/p-Xylenes
Concen: 38.723 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion:106 Resp: 117261
Ion Ratio Lower Upper
106 100
91 190.3 154.4 231.6

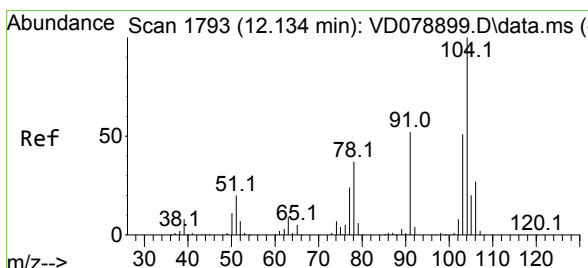
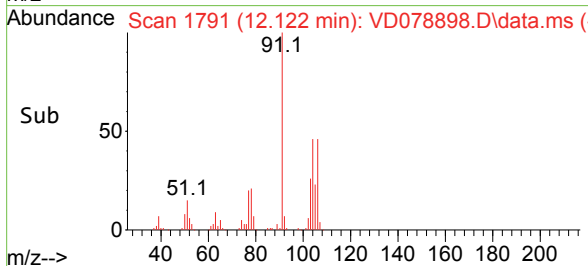
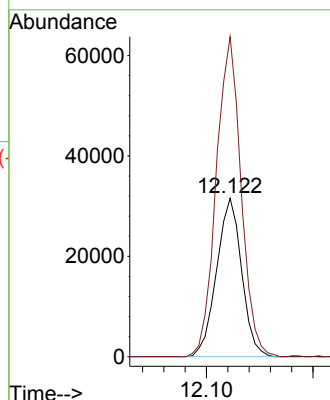
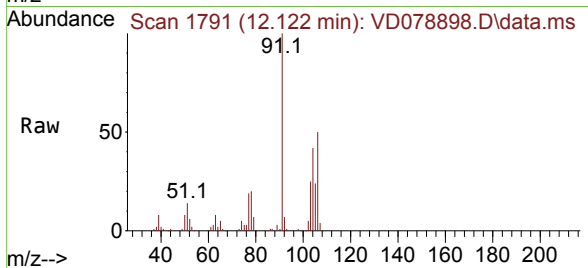




#69
o-Xylene
Concen: 18.796 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

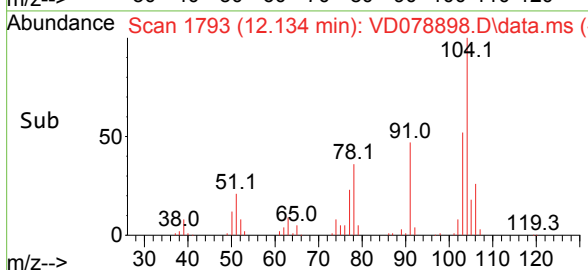
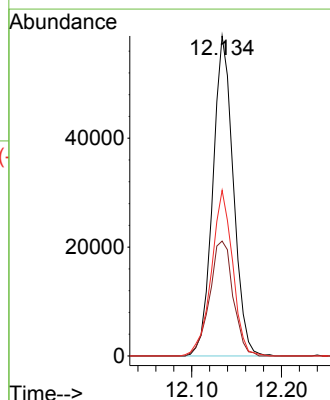
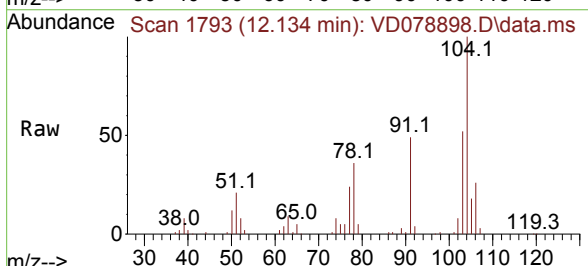
Instrument :
MSVOA_D
ClientSampleId :

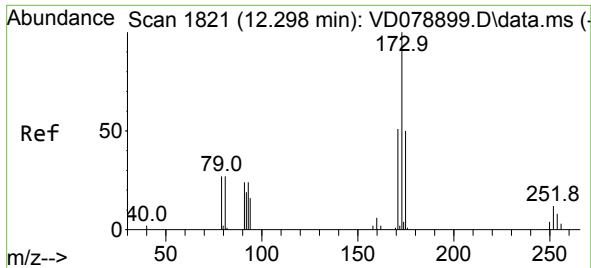
Tgt Ion:106 Resp: 51451
Ion Ratio Lower Upper
106 100
91 200.4 99.6 298.7



#70
Styrene
Concen: 19.255 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

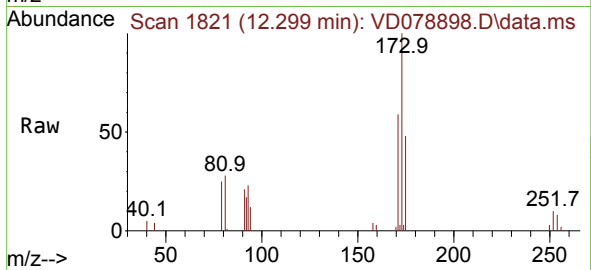
Tgt Ion:104 Resp: 93456
Ion Ratio Lower Upper
104 100
78 41.0 34.6 52.0
103 53.5 44.2 66.2



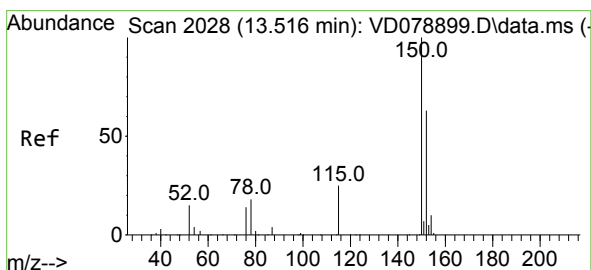
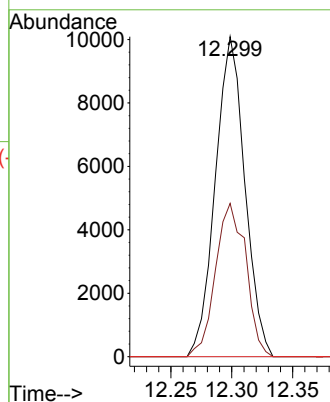
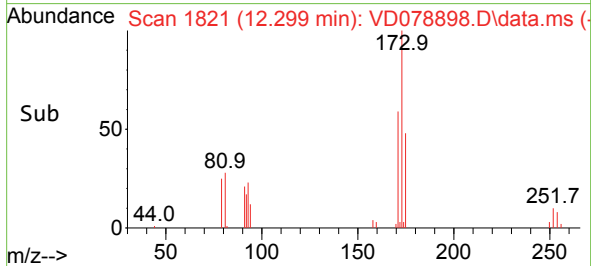


#71
Bromoform
Concen: 19.837 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

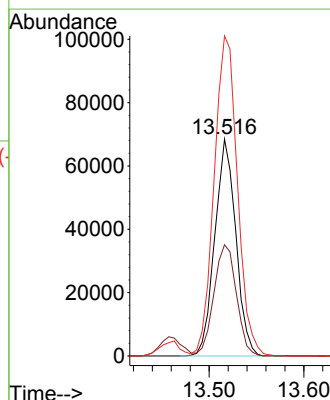
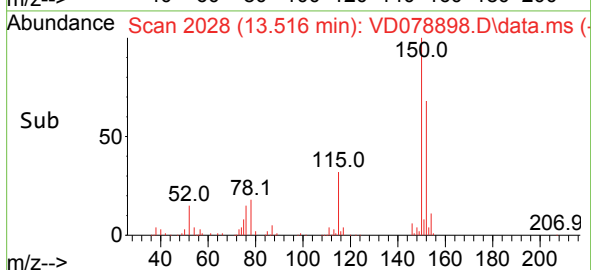
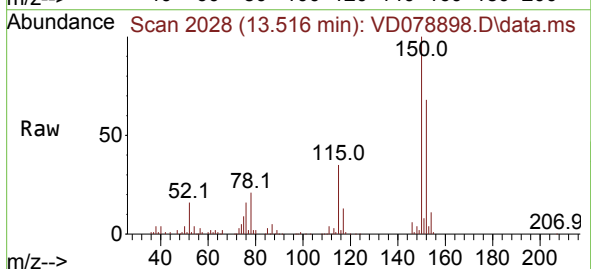


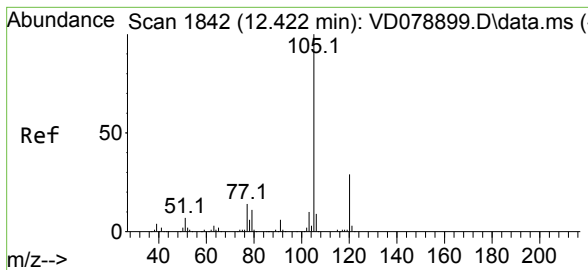
Tgt Ion:173 Resp: 17028
Ion Ratio Lower Upper
173 100
175 49.2 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion:152 Resp: 105891
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.2
150 163.2 0.0 350.2





#73

Isopropylbenzene

Concen: 19.113 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

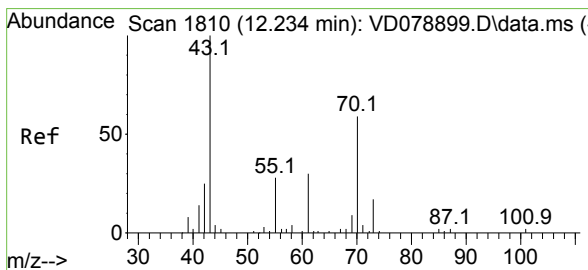
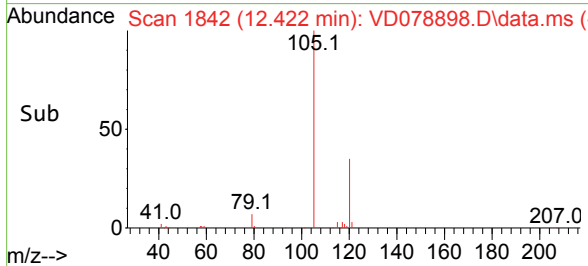
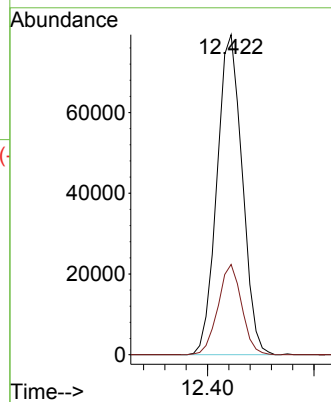
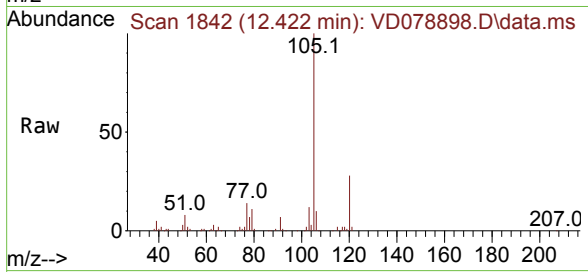
ClientSampleId :

Tgt Ion:105 Resp: 130267

Ion Ratio Lower Upper

105 100

120 26.4 13.7 41.0



#74

N-ethyl acetate

Concen: 19.124 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Tgt Ion: 43 Resp: 20453

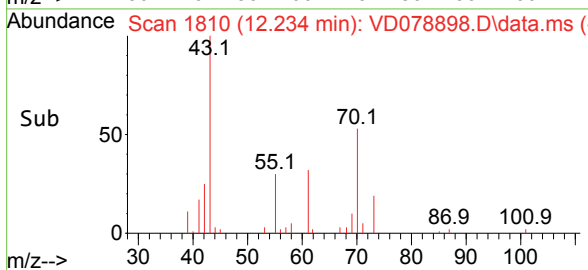
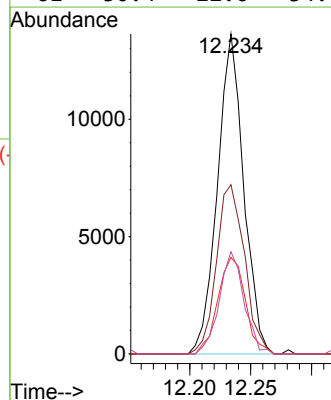
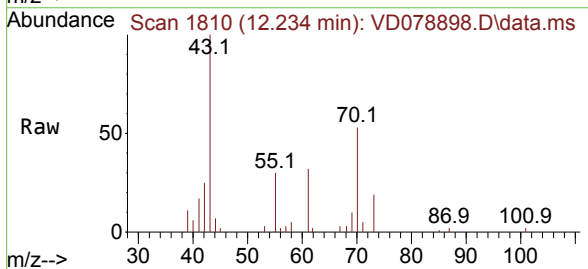
Ion Ratio Lower Upper

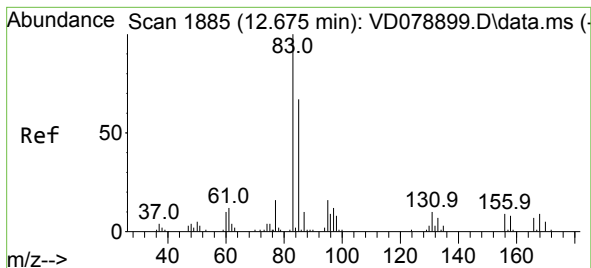
43 100

70 56.5 42.1 63.1

55 31.6 22.6 33.8

61 30.4 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.277 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078898.D

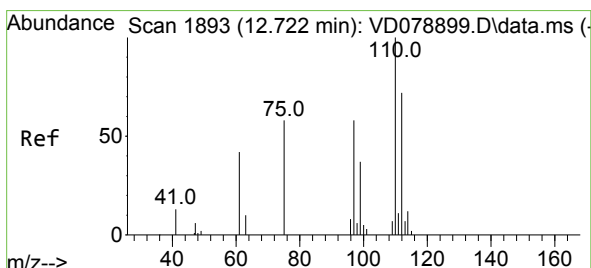
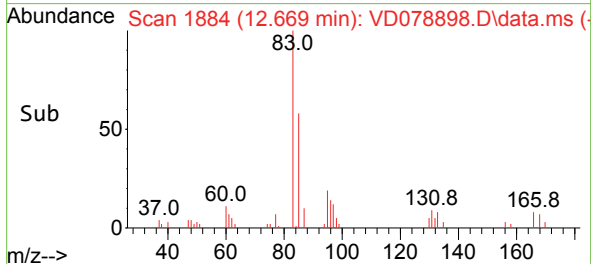
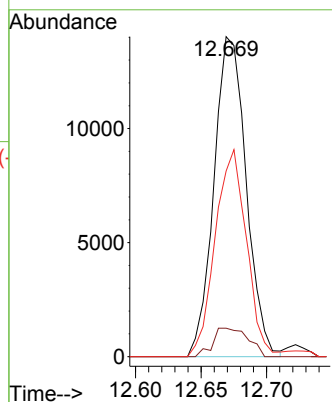
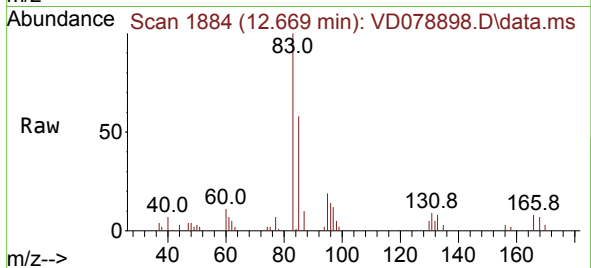
Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 24016
Ion Ratio	Lower Upper
83	100
131	9.7 4.9 14.7
85	62.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 34.344 ug/l

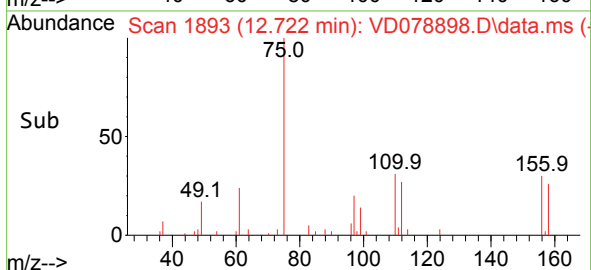
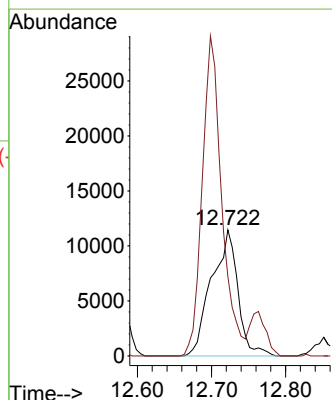
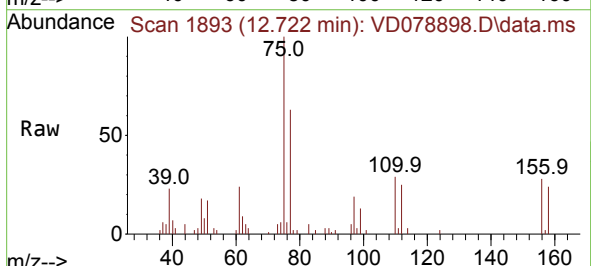
RT: 12.722 min Scan# 1893

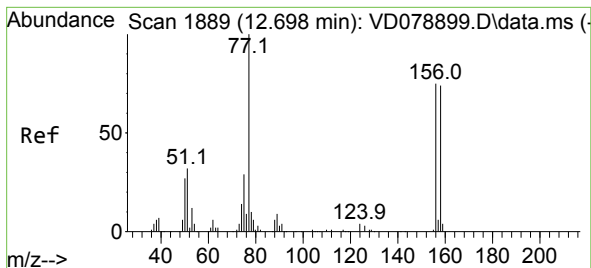
Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Tgt Ion: 75	Resp: 28305
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.651 ug/l

RT: 12.699 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

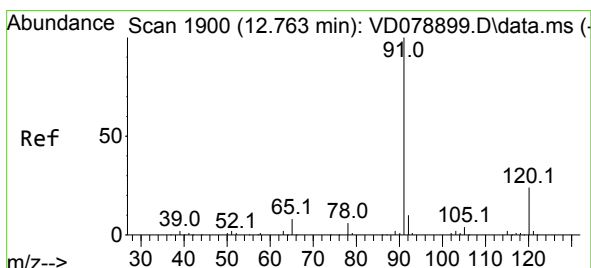
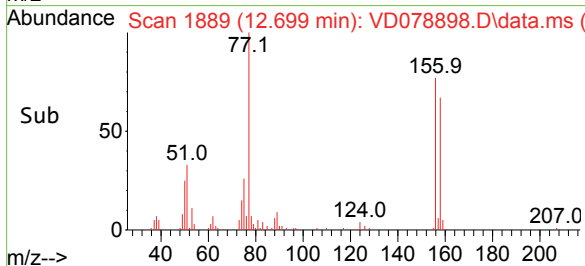
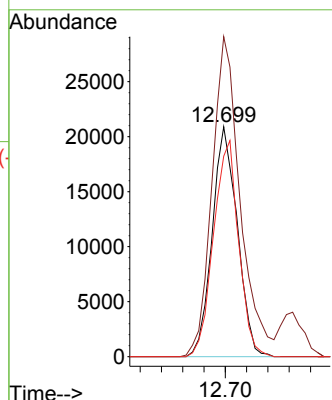
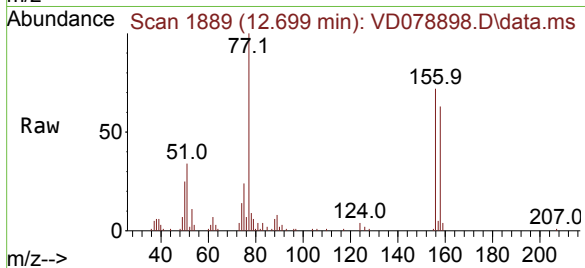
Tgt Ion:156 Resp: 34158

Ion Ratio Lower Upper

156 100

77 156.5 79.1 237.3

158 94.1 47.0 141.0



#78

n-propylbenzene

Concen: 19.571 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078898.D

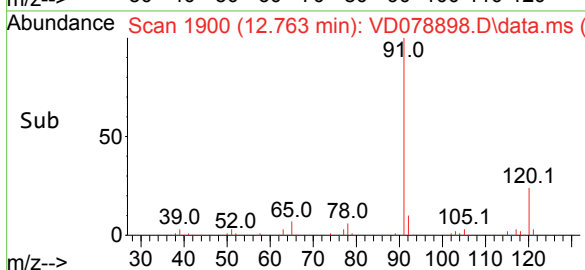
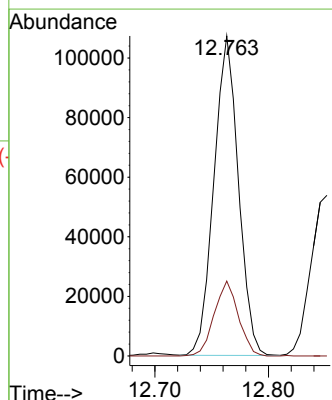
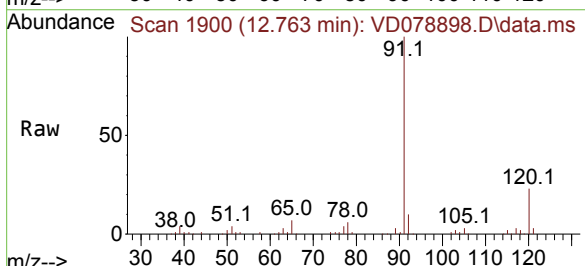
Acq: 10 May 2024 16:47

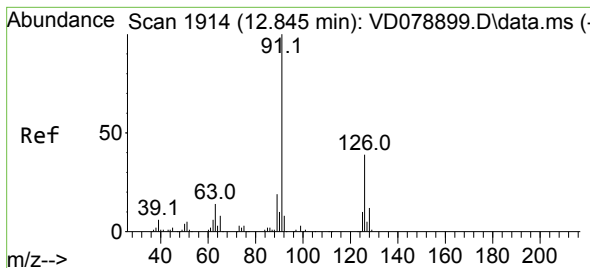
Tgt Ion: 91 Resp: 160620

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 19.782 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

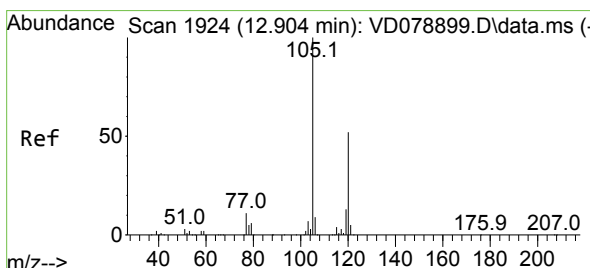
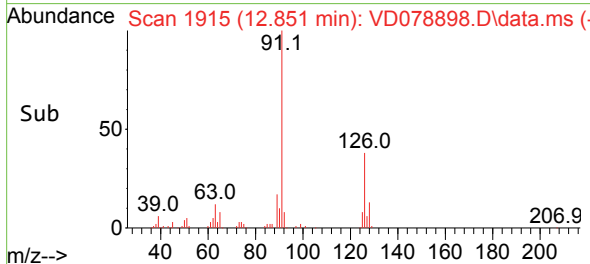
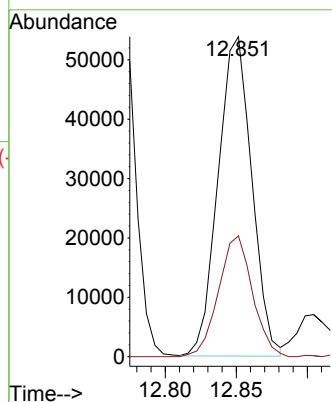
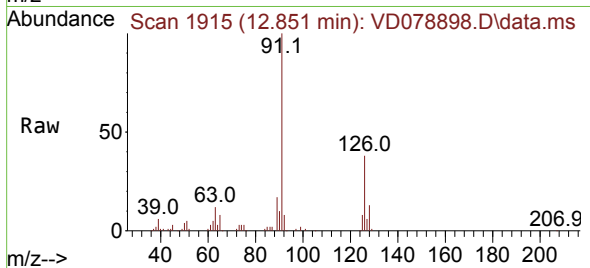
ClientSampleId :

Tgt Ion: 91 Resp: 88806

Ion Ratio Lower Upper

91 100

126 38.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.640 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078898.D

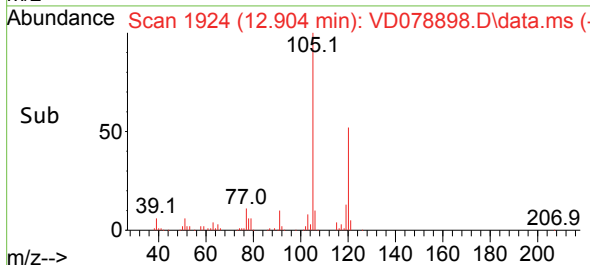
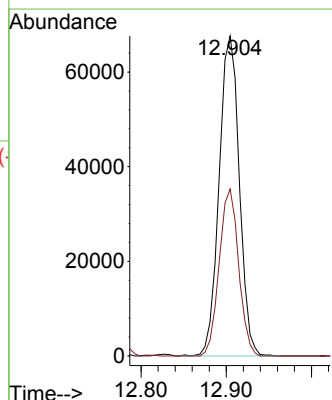
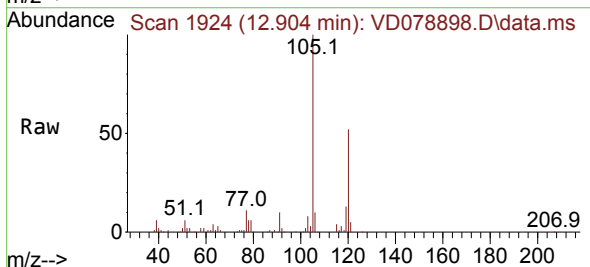
Acq: 10 May 2024 16:47

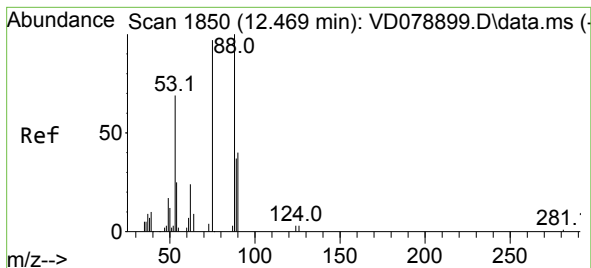
Tgt Ion: 105 Resp: 111448

Ion Ratio Lower Upper

105 100

120 50.1 25.9 77.7

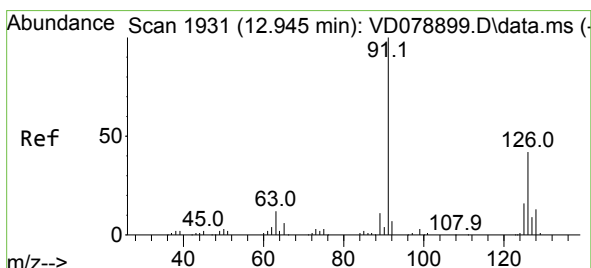
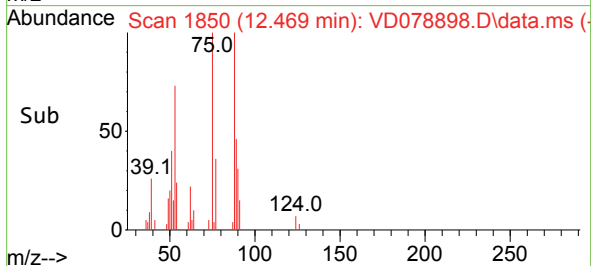
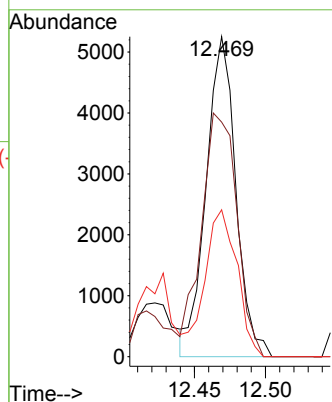
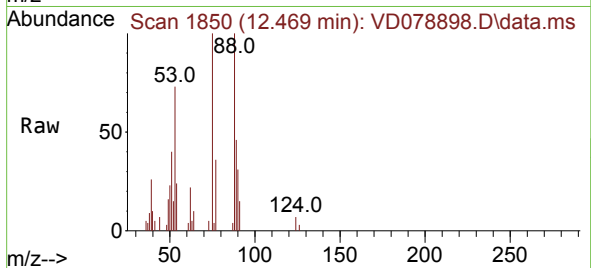




#81
trans-1,4-Dichloro-2-butene
Concen: 19.012 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

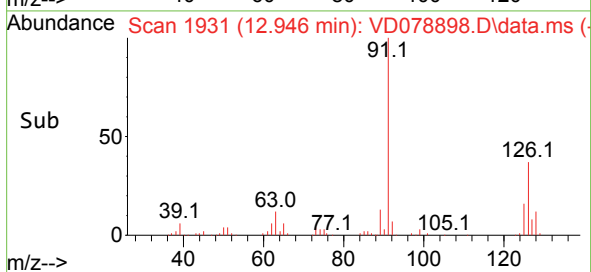
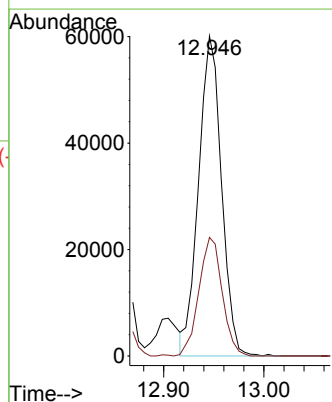
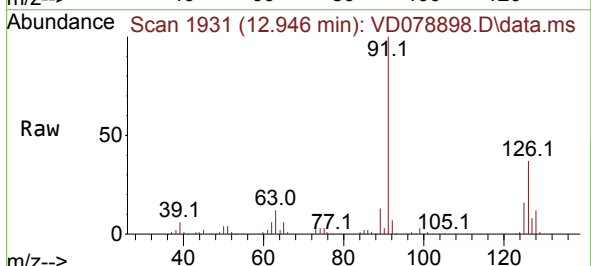
Instrument :
MSVOA_D
ClientSampleId :

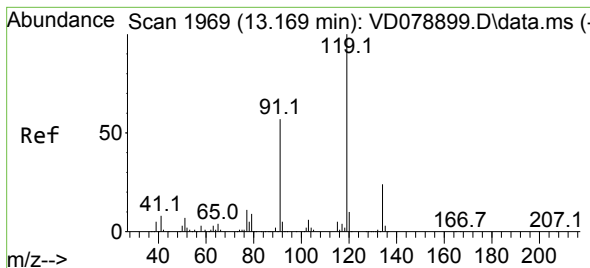
Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.6	61.0	91.6
89	50.1	35.4	53.0



#82
4-Chlorotoluene
Concen: 19.536 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.8	18.9	56.5





#83

tert-Butylbenzene

Concen: 19.271 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078898.D

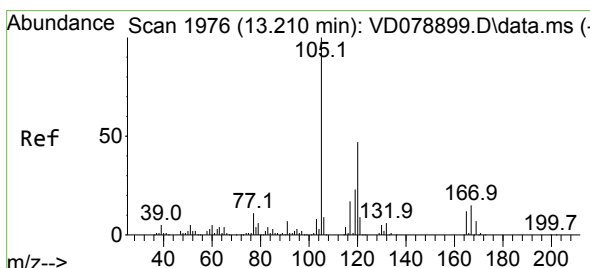
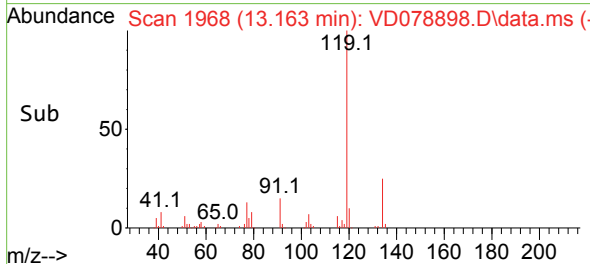
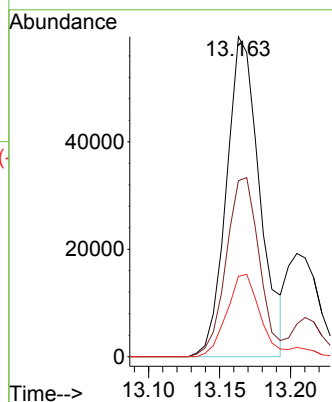
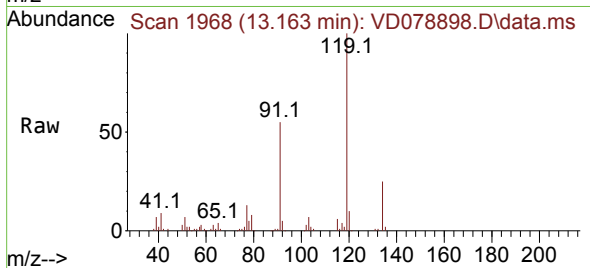
Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	119	Resp:	97285
Ion Ratio	Lower	Upper	
119	100		
91	55.7	28.9	86.7
134	25.7	13.6	40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.510 ug/l

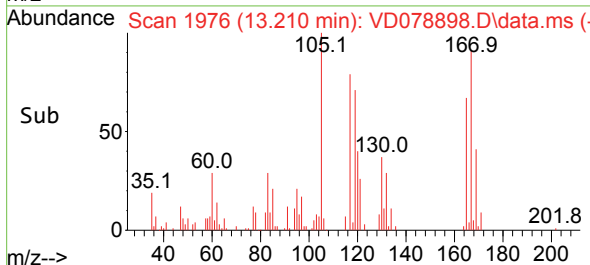
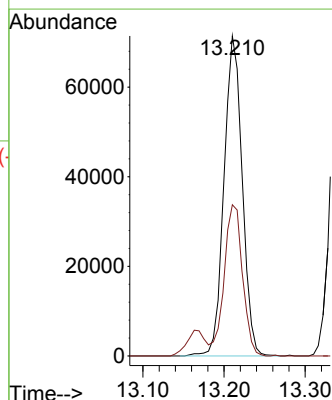
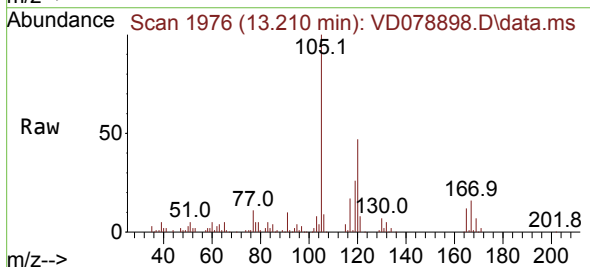
RT: 13.210 min Scan# 1976

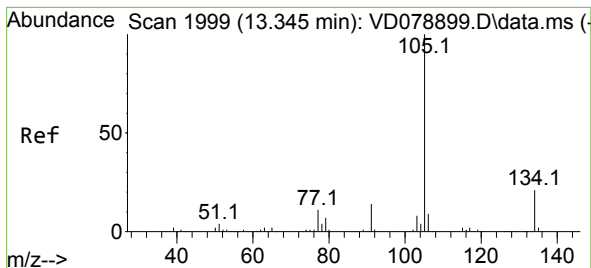
Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Tgt Ion:	105	Resp:	111669
Ion Ratio	Lower	Upper	
105	100		
120	47.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.122 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

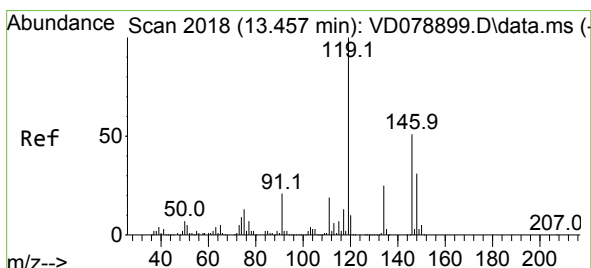
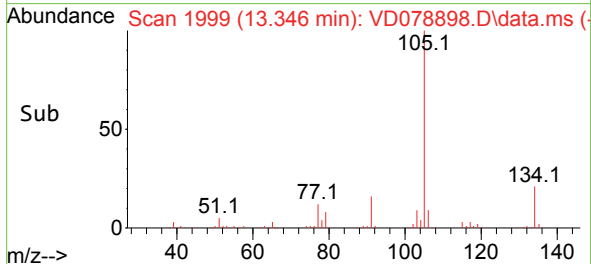
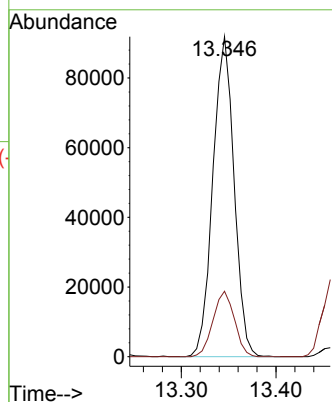
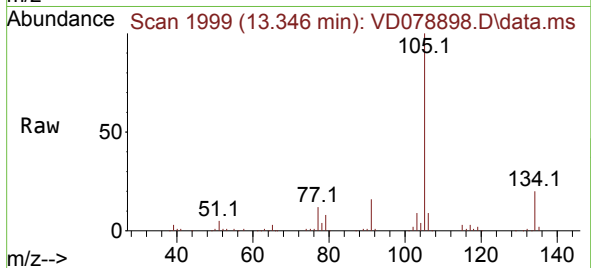
ClientSampleId :

Tgt Ion:105 Resp: 142671

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 18.915 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

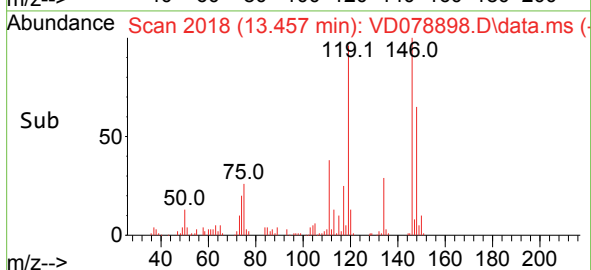
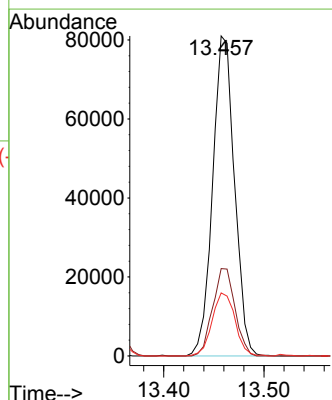
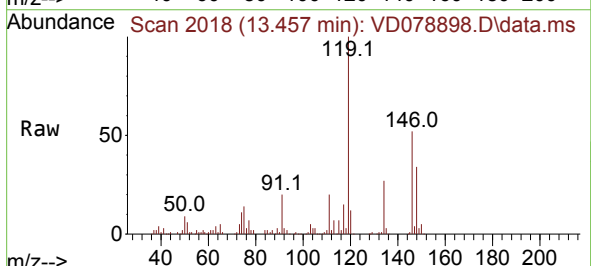
Tgt Ion:119 Resp: 122496

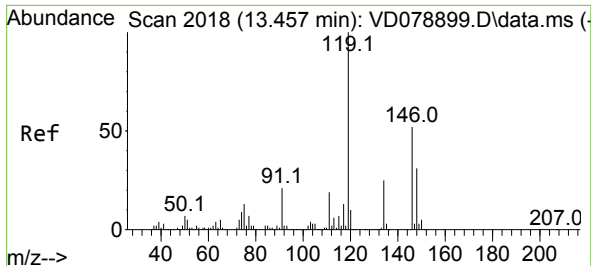
Ion Ratio Lower Upper

119 100

134 27.8 13.5 40.5

91 20.7 10.4 31.2

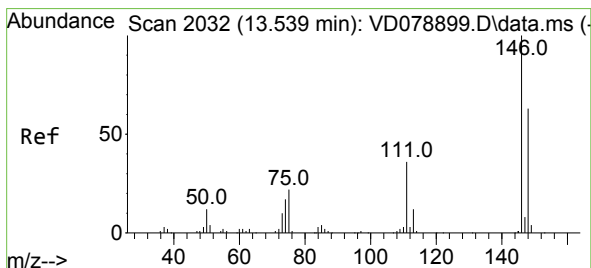
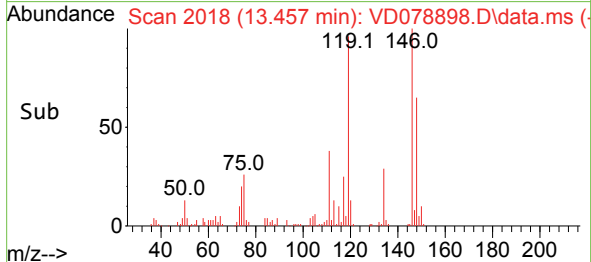
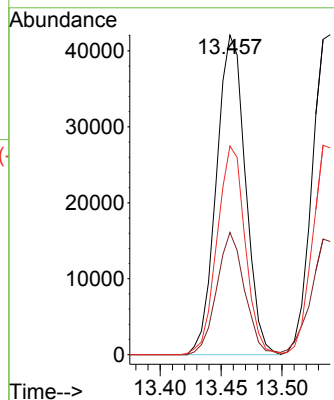
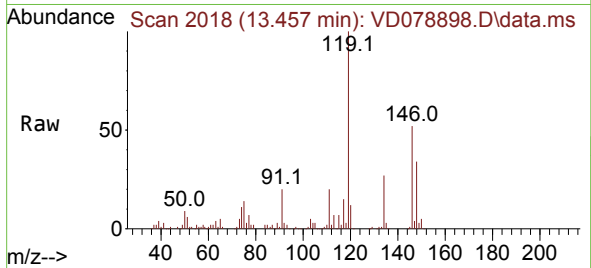




#87
1,3-Dichlorobenzene
Concen: 19.034 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

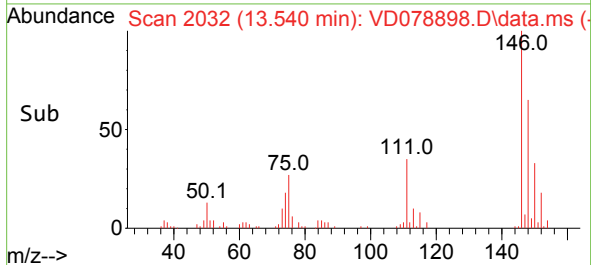
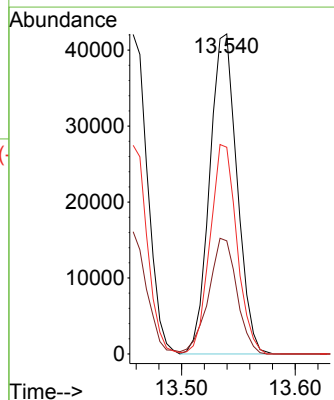
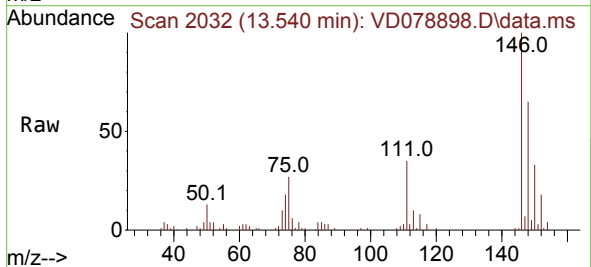
Instrument :
MSVOA_D
ClientSampleId :

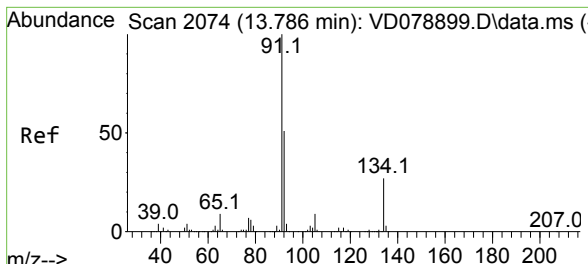
Tgt Ion:146 Resp: 69631
Ion Ratio Lower Upper
146 100
111 36.9 18.2 54.6
148 63.3 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 19.395 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion:146 Resp: 70576
Ion Ratio Lower Upper
146 100
111 37.3 17.8 53.3
148 64.1 32.4 97.0

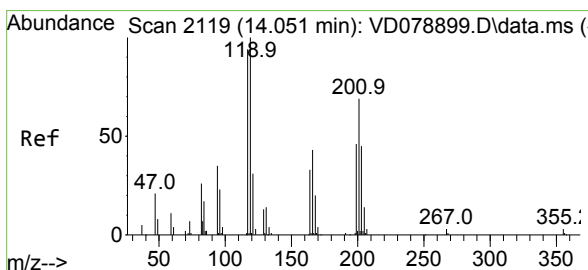
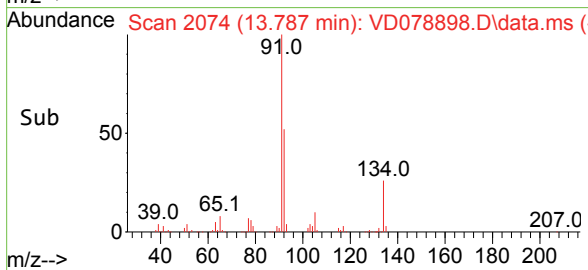
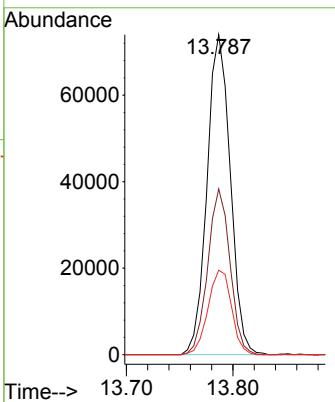
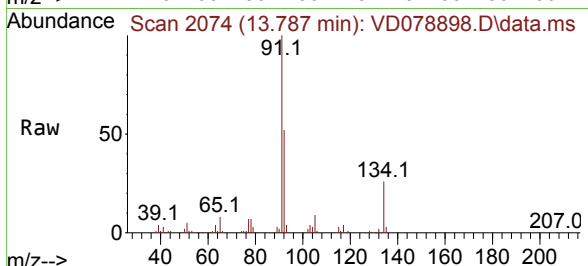




#89
 n-Butylbenzene
 Concen: 19.576 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

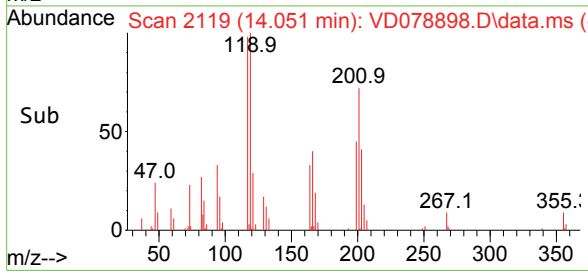
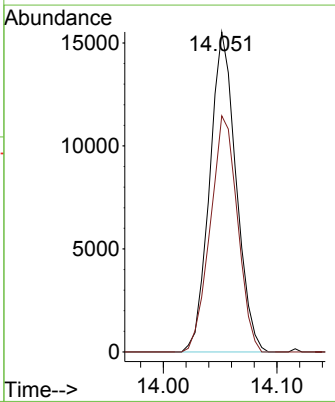
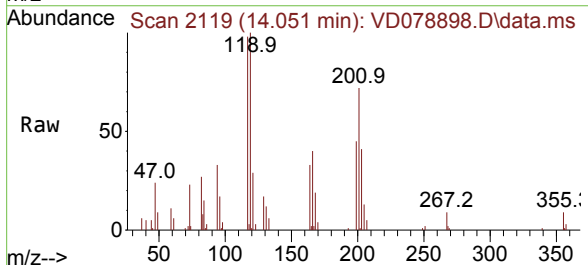
Instrument :
 MSVOA_D
 ClientSampleId :

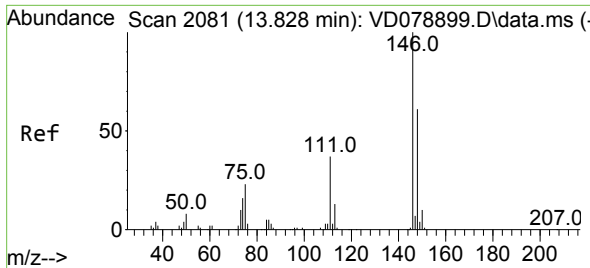
Tgt Ion:	91	Resp:	111966
Ion Ratio	Lower	Upper	
91	100		
92	49.6	26.4	79.0
134	26.7	13.0	38.9



#90
 Hexachloroethane
 Concen: 19.088 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

Tgt Ion:	117	Resp:	25067
Ion Ratio	Lower	Upper	
117	100		
201	76.2	36.2	108.6

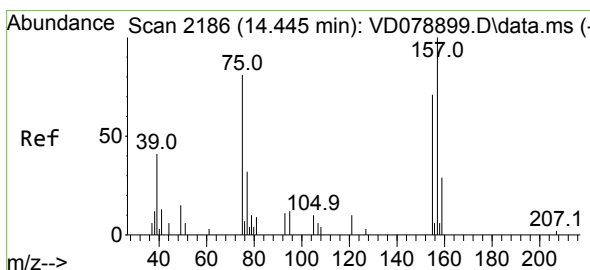
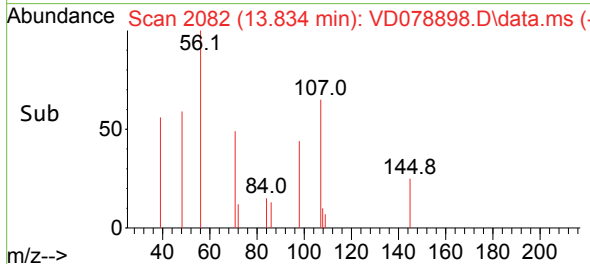
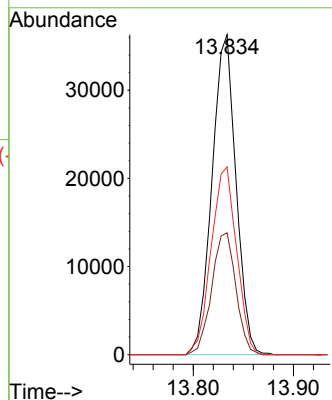
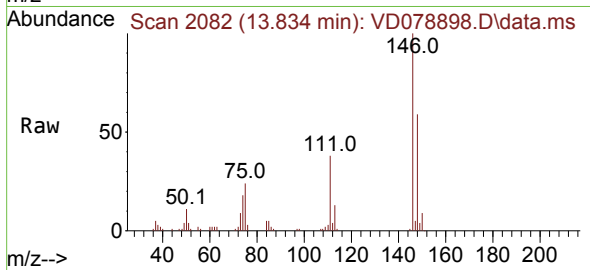




#91
1,2-Dichlorobenzene
Concen: 19.313 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

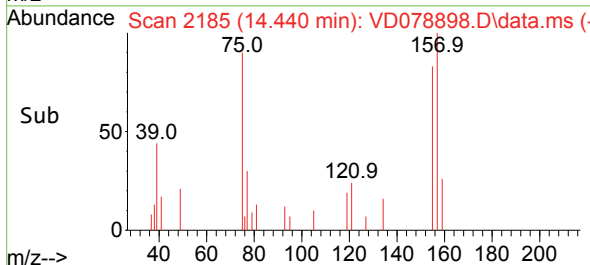
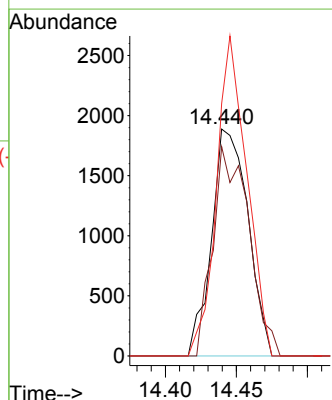
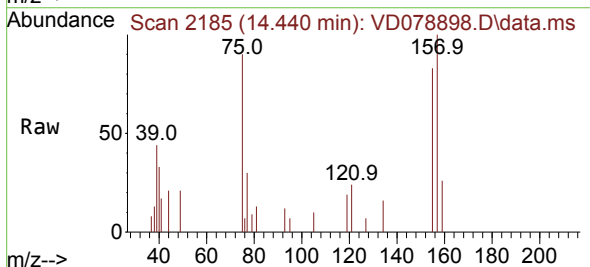
Instrument :
MSVOA_D
ClientSampleId :

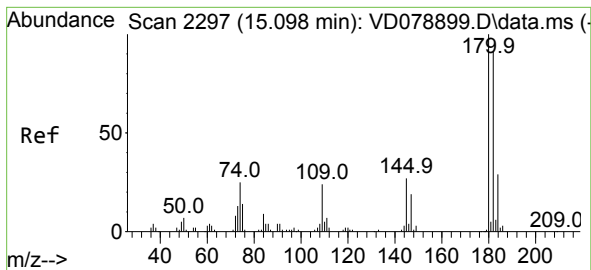
Tgt Ion:146 Resp: 60357
Ion Ratio Lower Upper
146 100
111 38.5 18.6 56.0
148 62.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.616 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD078898.D
Acq: 10 May 2024 16:47

Tgt Ion: 75 Resp: 3364
Ion Ratio Lower Upper
75 100
155 91.2 49.8 149.3
157 117.9 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 19.040 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

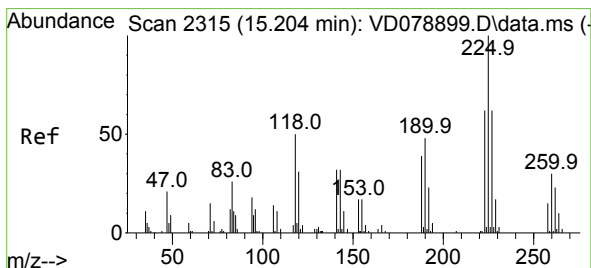
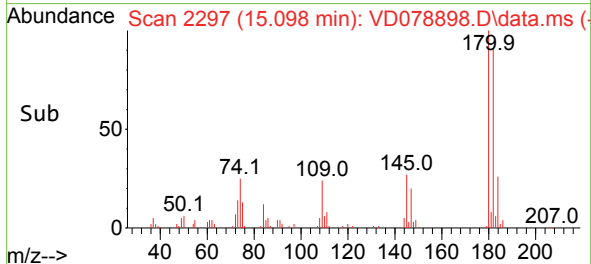
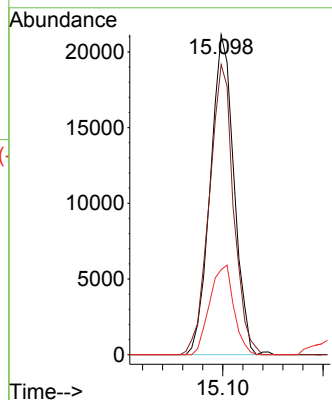
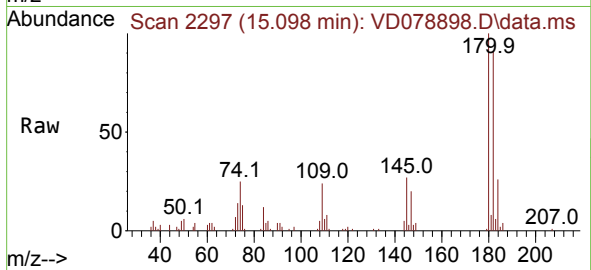
Tgt Ion:180 Resp: 34678

Ion Ratio Lower Upper

180 100

182 92.8 49.7 149.1

145 28.4 14.6 44.0



#94

Hexachlorobutadiene

Concen: 18.386 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078898.D

Acq: 10 May 2024 16:47

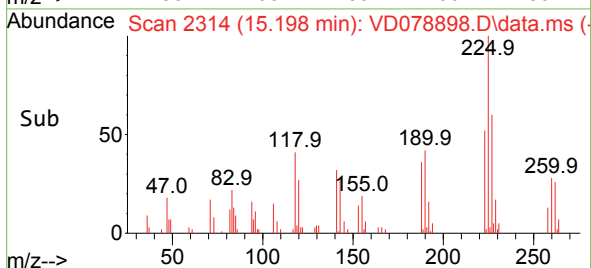
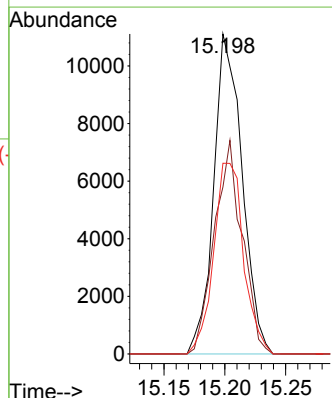
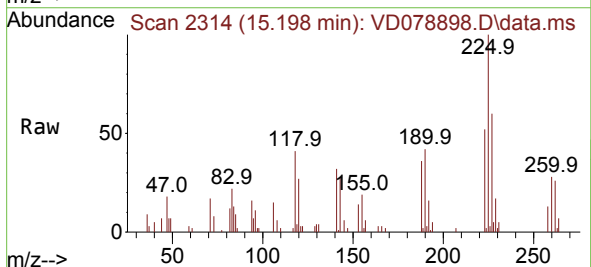
Tgt Ion:225 Resp: 18059

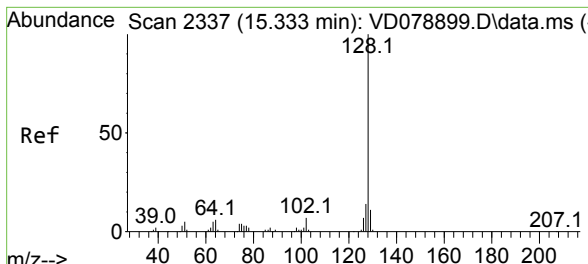
Ion Ratio Lower Upper

225 100

223 65.4 31.9 95.7

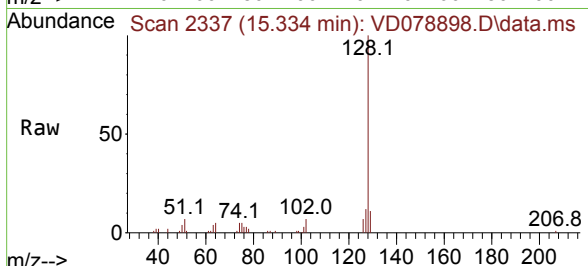
227 62.9 32.0 96.0



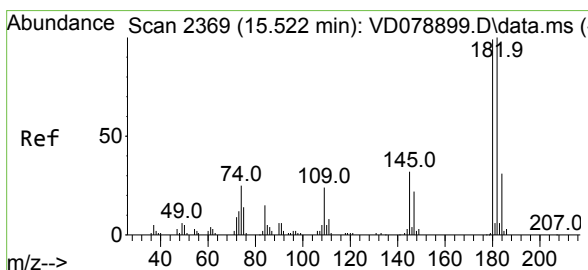
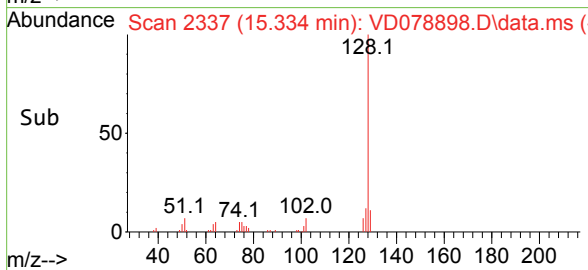
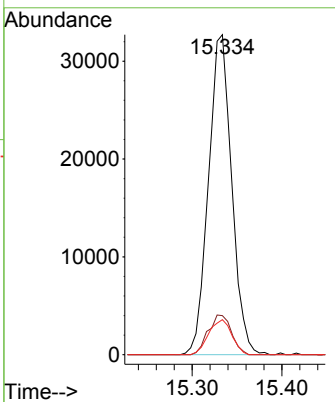


#95
 Naphthalene
 Concen: 18.376 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	58758
Ion Ratio	Lower	Upper	
128	100		
127	12.2	9.3	13.9
129	10.9	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 19.157 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078898.D
 Acq: 10 May 2024 16:47

Tgt Ion:	180	Resp:	30435
Ion Ratio	Lower	Upper	
180	100		
182	93.1	46.7	140.1
145	31.7	14.4	43.4

