

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078897.D
 Acq On : 10 May 2024 16:20
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 11 05:00:14 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	7.881	168	116008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91634	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	11187	10.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.380%#
35) Dibromofluoromethane	7.810	113	12369	9.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.300%#
50) Toluene-d8	10.269	98	44864	9.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.620%#
62) 4-Bromofluorobenzene	12.575	95	12476	9.163	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.320%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	12713	10.895	ug/l	95
3) Chloromethane	2.152	50	19648	11.429	ug/l	97
4) Vinyl Chloride	2.281	62	28519	10.947	ug/l	90
5) Bromomethane	2.693	94	27346	10.866	ug/l	99
6) Chloroethane	2.834	64	23802	11.071	ug/l	94
7) Trichlorofluoromethane	3.181	101	27921	11.569	ug/l	93
8) Diethyl Ether	3.593	74	7255	11.685	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	16497	12.276	ug/l	97
10) Methyl Iodide	4.169	142	16956	10.583	ug/l	99
11) Tert butyl alcohol	5.063	59	3454	63.691	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	15756	11.898	ug/l	91
13) Acrolein	3.793	56	7542	61.837	ug/l	98
14) Allyl chloride	4.563	41	11950	9.748	ug/l	94
15) Acrylonitrile	5.257	53	10806	49.764	ug/l	90
16) Acetone	4.028	43	10782	52.434	ug/l	97
17) Carbon Disulfide	4.269	76	52372	12.055	ug/l	96
18) Methyl Acetate	4.575	43	4438	11.183	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	22856	9.716	ug/l	97
20) Methylene Chloride	4.805	84	30485	10.894	ug/l	95
21) trans-1,2-Dichloroethene	5.299	96	14480	10.583	ug/l #	67
22) Diisopropyl ether	6.222	45	27289	10.182	ug/l #	80
23) Vinyl Acetate	6.163	43	79000	48.956	ug/l	97
24) 1,1-Dichloroethane	6.116	63	22380	10.762	ug/l	97
25) 2-Butanone	7.093	43	12262	48.690	ug/l	91
26) 2,2-Dichloropropane	7.075	77	19827	10.544	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	16450	10.380	ug/l	96
28) Bromochloromethane	7.428	49	7986	11.005	ug/l #	81
29) Tetrahydrofuran	7.446	42	6941	49.544	ug/l #	89
30) Chloroform	7.598	83	25676	10.799	ug/l	99
31) Cyclohexane	7.875	56	18392	10.760	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	21613	10.334	ug/l	96
36) 1,1-Dichloropropene	8.010	75	16550	9.612	ug/l	96
37) Ethyl Acetate	7.169	43	5937	10.450	ug/l #	85
38) Carbon Tetrachloride	7.987	117	20123	9.953	ug/l #	87
39) Methylcyclohexane	9.275	83	19731	8.939	ug/l	96
40) Benzene	8.251	78	55114	9.927	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2681	8.513	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	13025	10.065	ug/l	97
43) Isopropyl Acetate	8.363	43	10204	9.670	ug/l	98
44) Trichloroethene	9.034	130	15062	10.179	ug/l	78
45) 1,2-Dichloropropane	9.304	63	13282	10.860	ug/l #	88
46) Dibromomethane	9.393	93	7976	10.276	ug/l	97
47) Bromodichloromethane	9.587	83	18726	9.749	ug/l	93
48) Methyl methacrylate	9.381	41	4536	9.261	ug/l	92
49) 1,4-Dioxane	9.393	88	1269	169.695	ug/l #	81
51) 4-Methyl-2-Pentanone	10.163	43	25546	47.161	ug/l	100
52) Toluene	10.334	92	33407	9.275	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	15471	9.507	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	18854	9.649	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	10476	10.109	ug/l	91
56) Ethyl methacrylate	10.598	69	9511	8.874	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	16141	10.027	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	17264	40.631	ug/l	99
59) 2-Hexanone	10.922	43	17567	44.022	ug/l	95
60) Dibromochloromethane	11.069	129	13815	9.885	ug/l	93
61) 1,2-Dibromoethane	11.181	107	9377	9.674	ug/l	97
64) Tetrachloroethene	10.810	164	12661	10.042	ug/l	90
65) Chlorobenzene	11.604	112	40871	10.036	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.675	131	13822	9.827	ug/l	98
67) Ethyl Benzene	11.687	91	59130	9.096	ug/l	90
68) m/p-Xylenes	11.792	106	48460	18.127	ug/l	96
69) o-Xylene	12.122	106	21375	8.845	ug/l	97
70) Styrene	12.134	104	38007	8.870	ug/l	96
71) Bromoform	12.298	173	7603	10.033	ug/l #	97
73) Isopropylbenzene	12.422	105	55430	9.398	ug/l	100
74) N-amyl acetate	12.234	43	9554	10.323	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	10809	10.546	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	13399	18.787	ug/l #	100
77) Bromobenzene	12.698	156	14487	9.631	ug/l	98
78) n-propylbenzene	12.763	91	66987	9.432	ug/l	98
79) 2-Chlorotoluene	12.845	91	37547	9.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	45655	9.298	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	3565	10.245	ug/l	97
82) 4-Chlorotoluene	12.945	91	41542	9.810	ug/l	99
83) tert-Butylbenzene	13.169	119	38576	8.830	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	43984	8.880	ug/l	93
85) sec-Butylbenzene	13.345	105	59903	9.278	ug/l	98
86) p-Isopropyltoluene	13.457	119	49988	8.920	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	30562	9.654	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	32810	10.419	ug/l	94
89) n-Butylbenzene	13.786	91	45325	9.158	ug/l	98
90) Hexachloroethane	14.051	117	12197	10.733	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	26247	9.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1509	10.687	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	15127	9.598	ug/l	93
94) Hexachlorobutadiene	15.204	225	8244	9.699	ug/l	95
95) Naphthalene	15.333	128	23463	8.480	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	12848	9.345	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

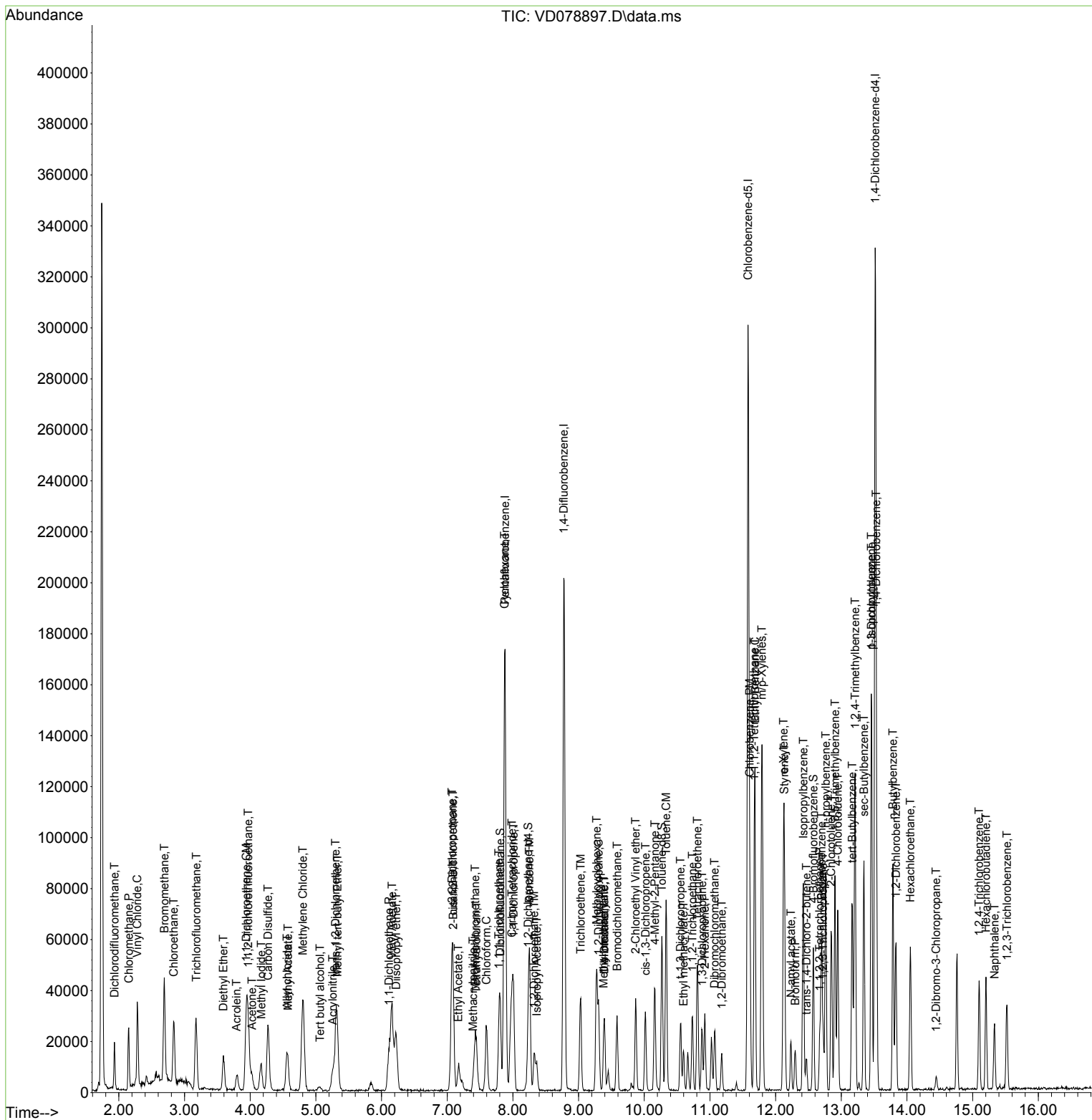
Instrument :
MSVOA_D
ClientSampleId :

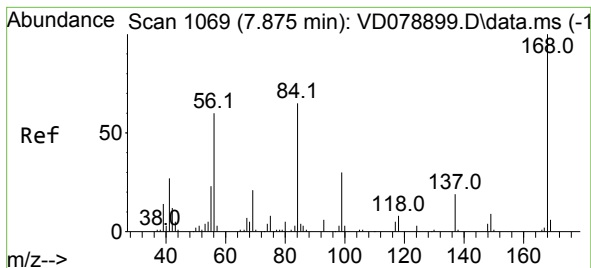
Quant Time: May 11 05:00:14 2024
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Quant Title : SW846 8260
QLast Update : Sat May 11 04:52:10 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 11 05:00:14 2024
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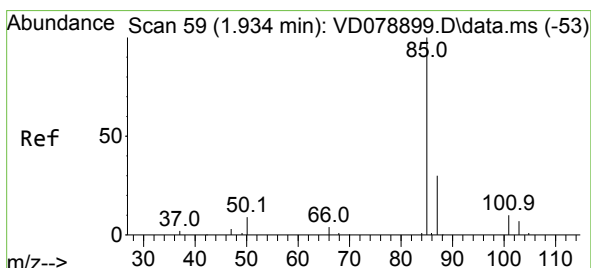
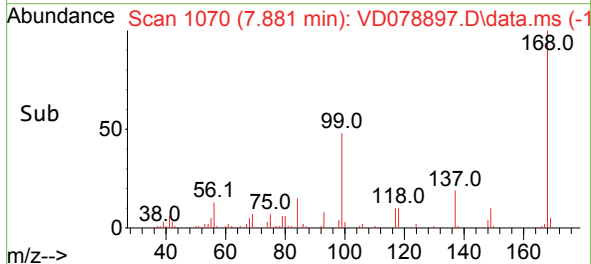
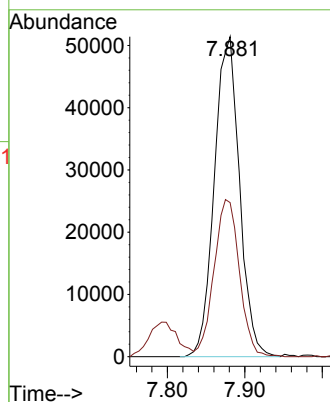
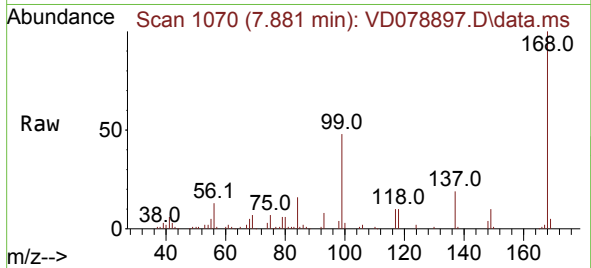




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078897.D
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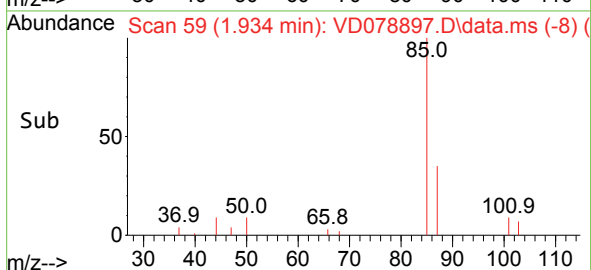
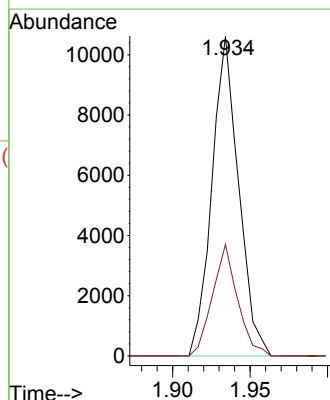
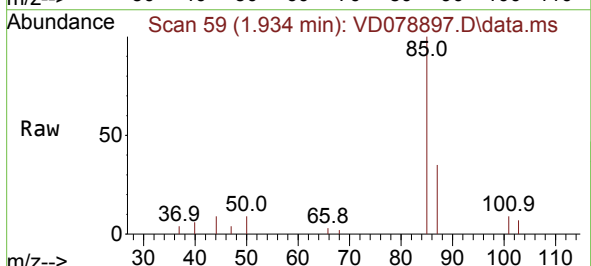
Instrument :
MSVOA_D
ClientSampleId :

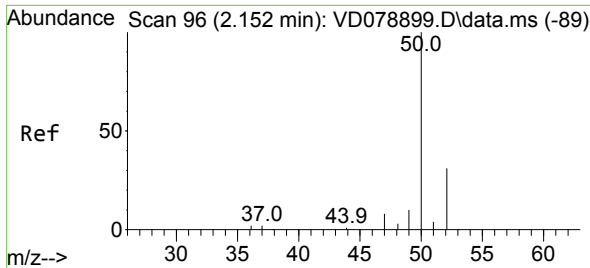
Tgt Ion:168 Resp: 116008
Ion Ratio Lower Upper
168 100
99 47.8 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 10.895 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

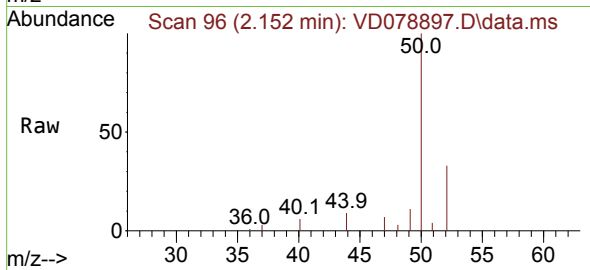
Tgt Ion: 85 Resp: 12713
Ion Ratio Lower Upper
85 100
87 34.9 16.2 48.5



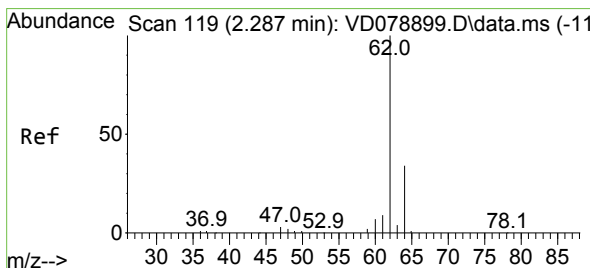
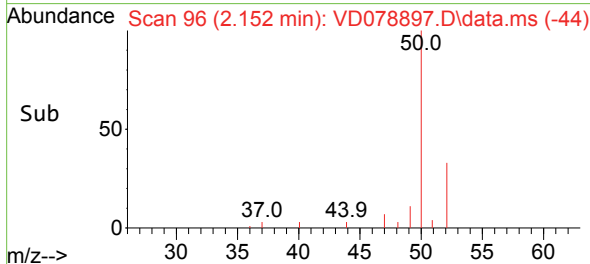
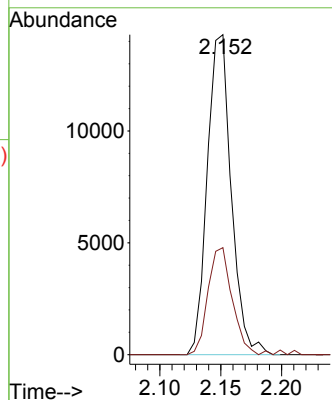


#3
Chloromethane
Concen: 11.429 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

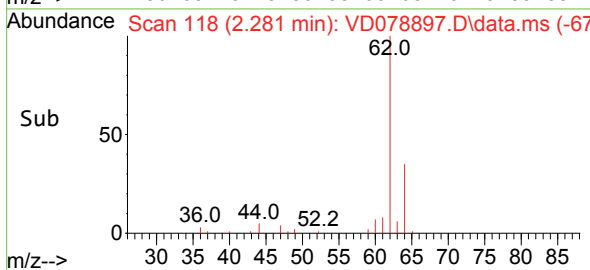
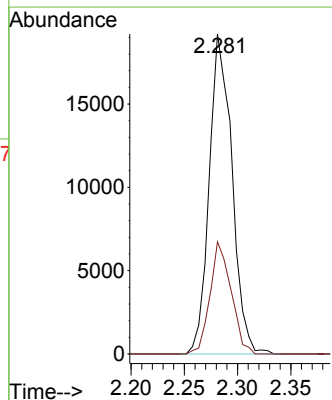
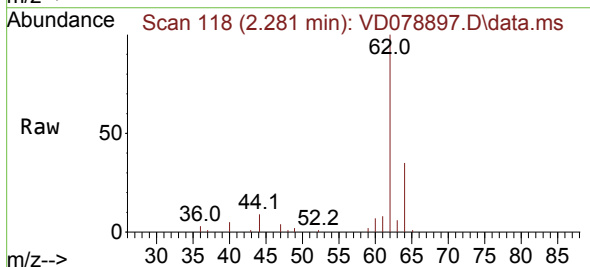


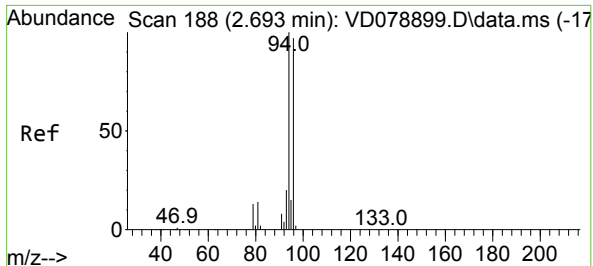
Tgt Ion: 50 Resp: 19648
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 10.947 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 62 Resp: 28519
Ion Ratio Lower Upper
62 100
64 35.1 23.7 35.5

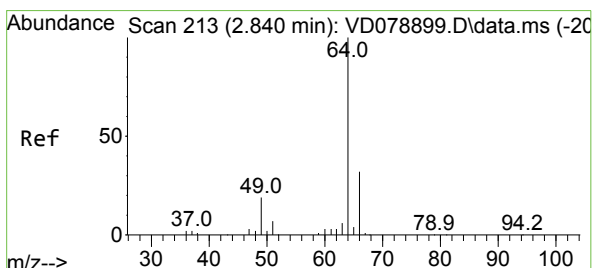
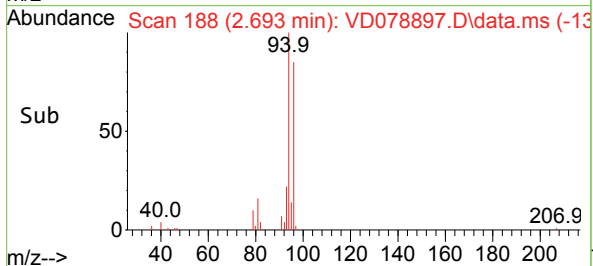
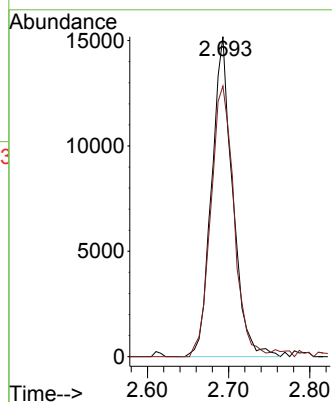
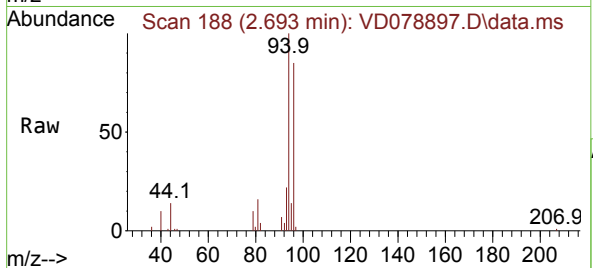




#5
Bromomethane
Concen: 10.866 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

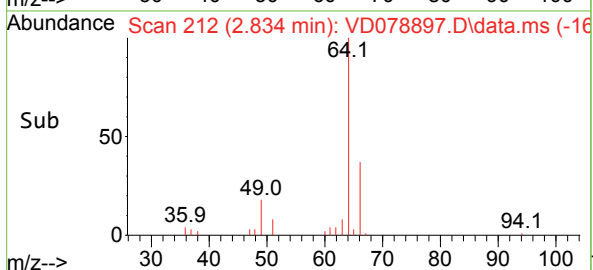
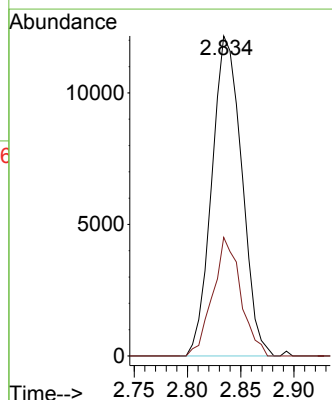
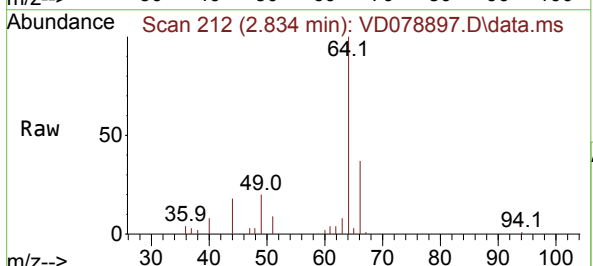
Instrument :
MSVOA_D
ClientSampleId :

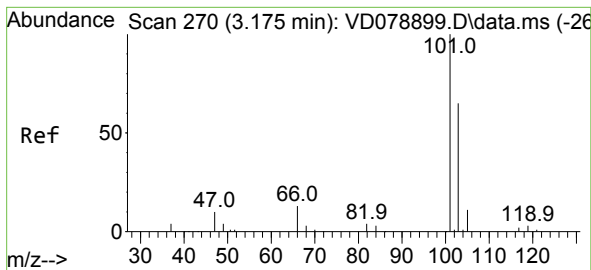
Tgt Ion: 94 Resp: 27346
Ion Ratio Lower Upper
94 100
96 93.1 73.5 110.3



#6
Chloroethane
Concen: 11.071 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 64 Resp: 23802
Ion Ratio Lower Upper
64 100
66 37.0 26.8 40.2





#7

Trichlorofluoromethane

Concen: 11.569 ug/l

RT: 3.181 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

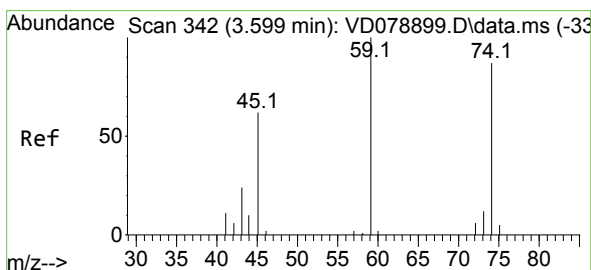
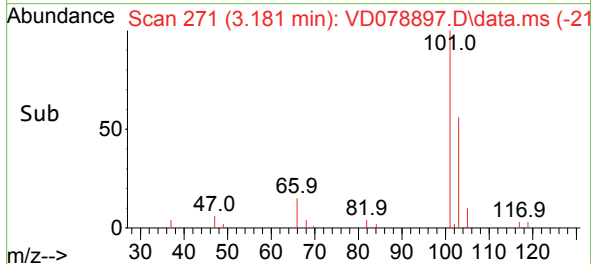
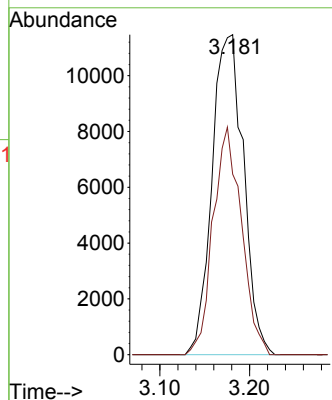
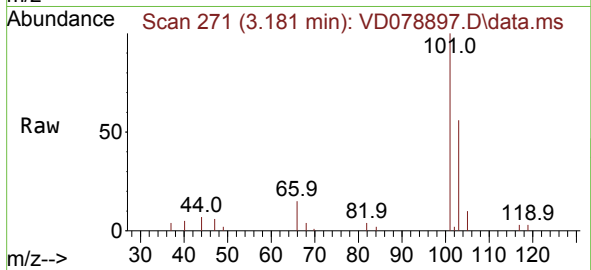
ClientSampleId :

Tgt Ion:101 Resp: 27921

Ion Ratio Lower Upper

101 100

103 56.4 49.7 74.5



#8

Diethyl Ether

Concen: 11.685 ug/l

RT: 3.593 min Scan# 341

Delta R.T. -0.000 min

Lab File: VD078897.D

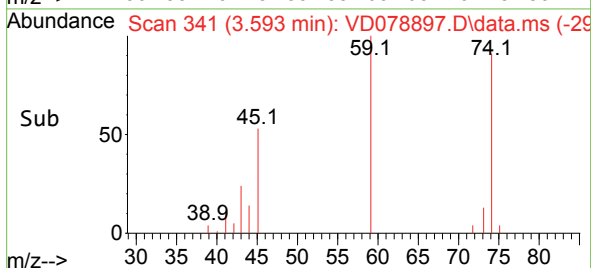
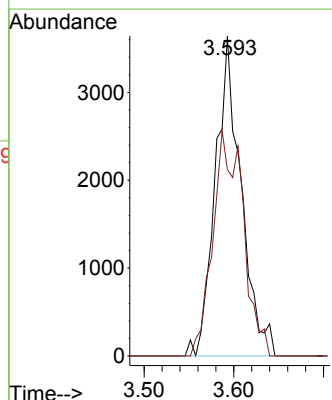
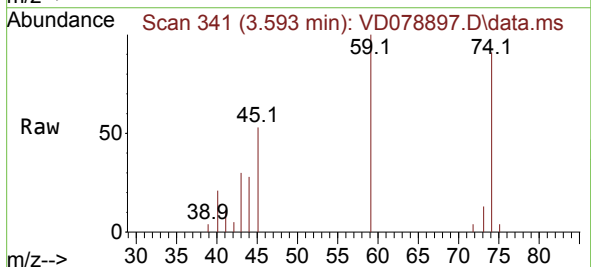
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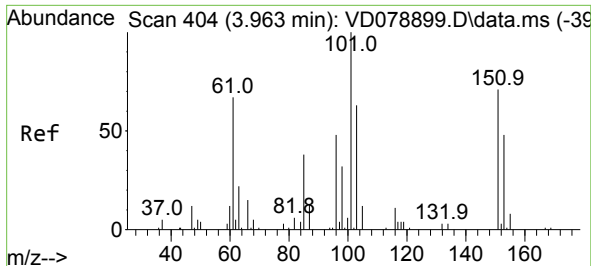
Tgt Ion: 74 Resp: 7255

Ion Ratio Lower Upper

74 100

45 82.8 42.4 127.3

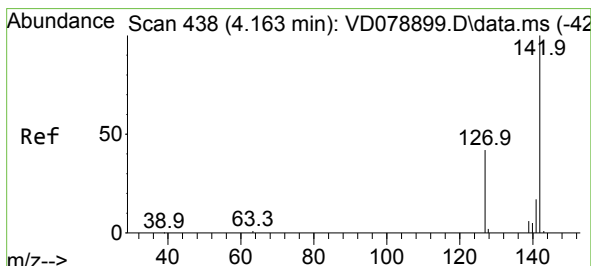
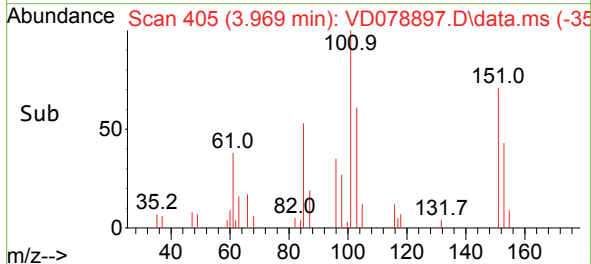
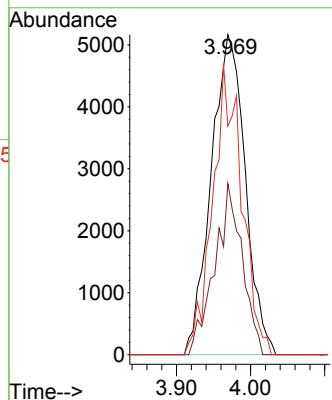
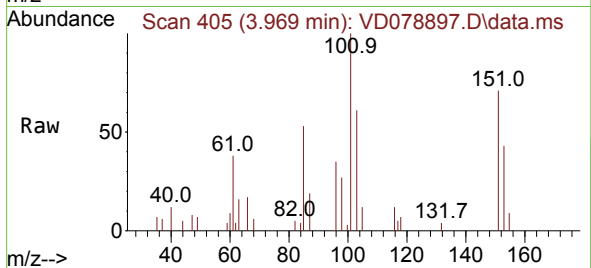




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.276 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078897.D
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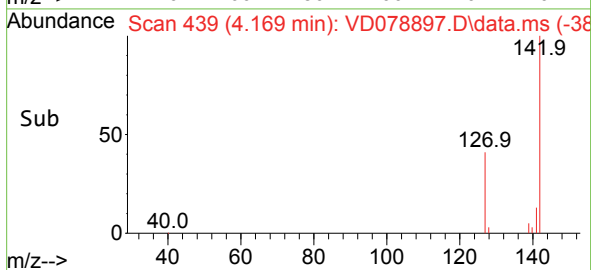
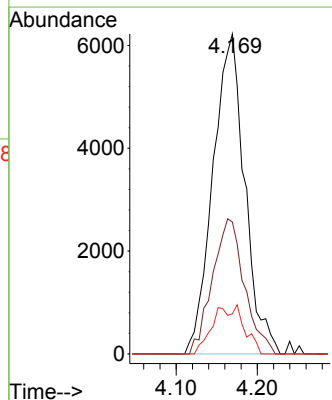
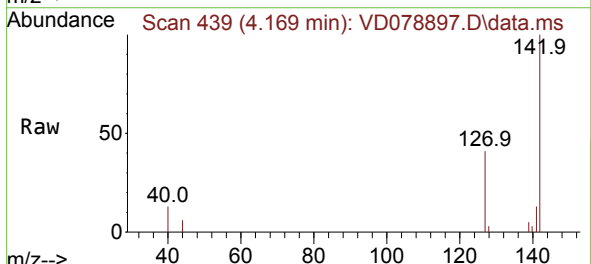
Instrument :
MSVOA_D
ClientSampleId :

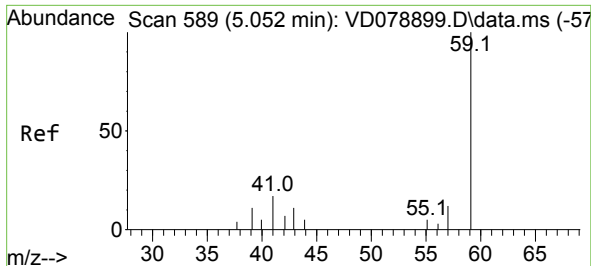
Tgt Ion:101 Resp: 16497
Ion Ratio Lower Upper
101 100
85 43.2 35.8 53.6
151 77.6 59.4 89.2



#10
Methyl Iodide
Concen: 10.583 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion:142 Resp: 16956
Ion Ratio Lower Upper
142 100
127 42.5 33.5 50.3
141 15.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 63.691 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.006 min

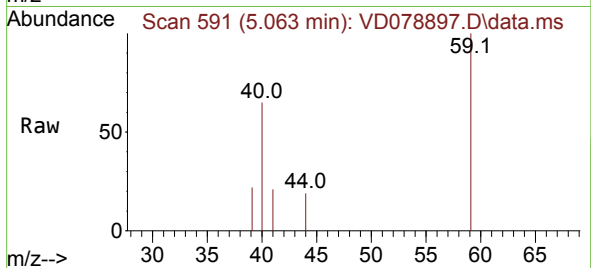
Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

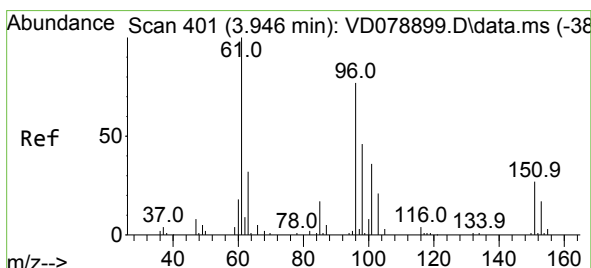
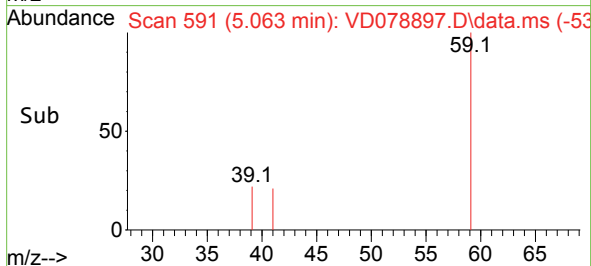
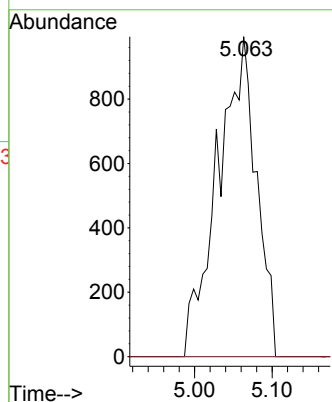


Tgt Ion: 59 Resp: 3454

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 11.898 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

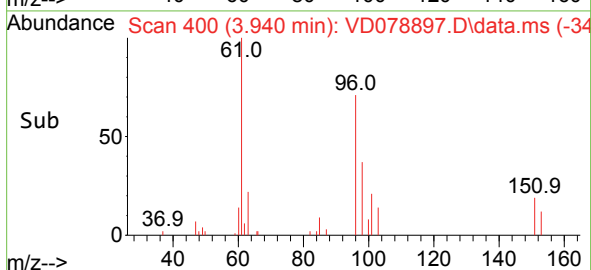
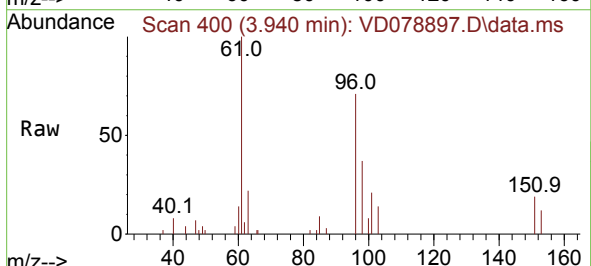
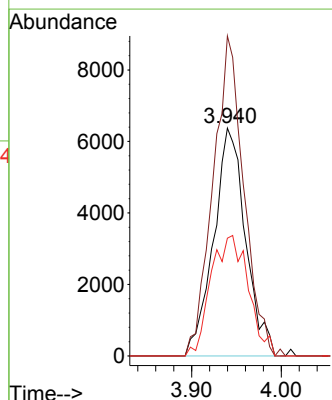
Tgt Ion: 96 Resp: 15756

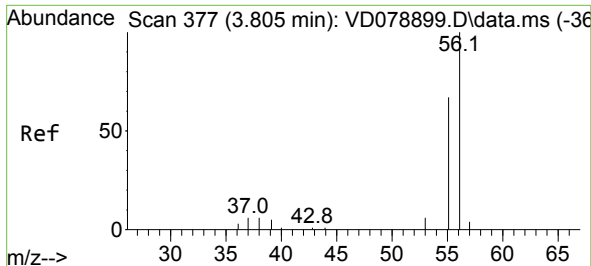
Ion Ratio Lower Upper

96 100

61 140.4 101.4 152.0

98 51.6 43.4 65.0





#13

Acrolein

Concen: 61.837 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

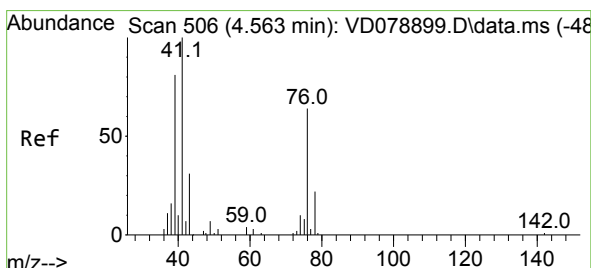
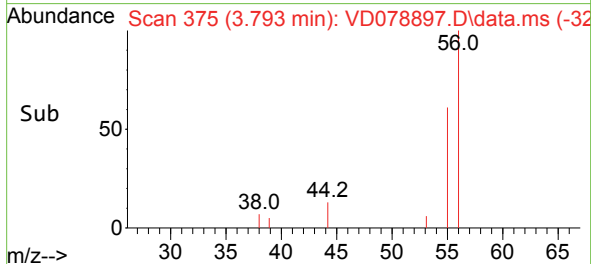
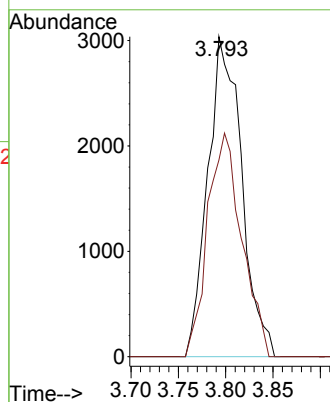
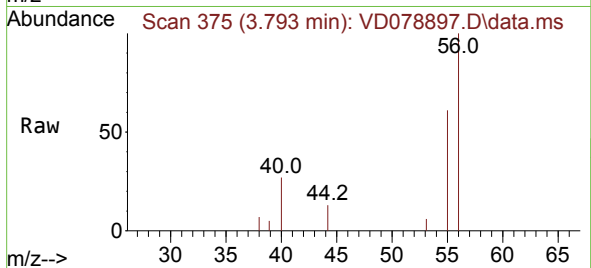
ClientSampleId :

Tgt Ion: 56 Resp: 7542

Ion Ratio Lower Upper

56 100

55 70.5 54.9 82.3



#14

Allyl chloride

Concen: 9.748 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

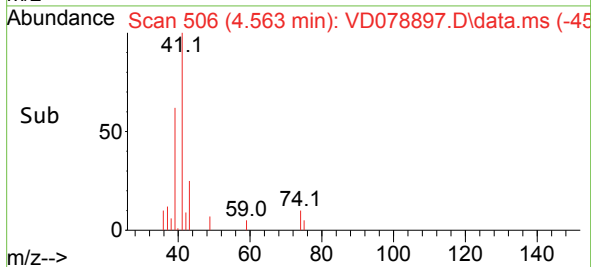
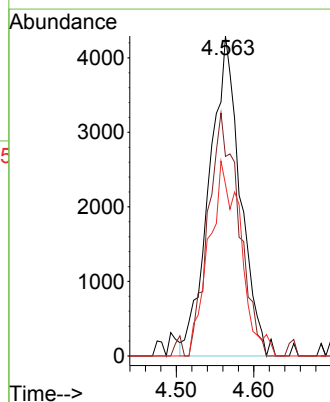
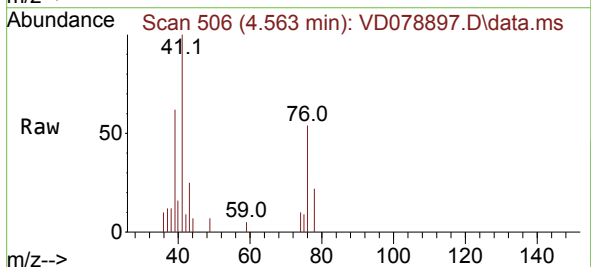
Tgt Ion: 41 Resp: 11950

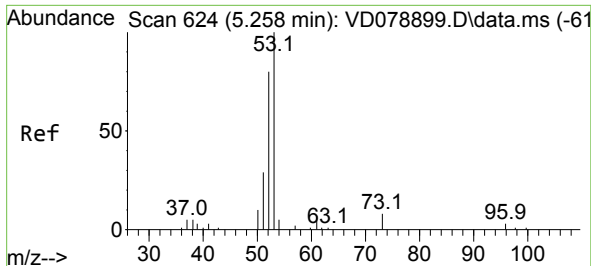
Ion Ratio Lower Upper

41 100

39 74.8 57.8 86.6

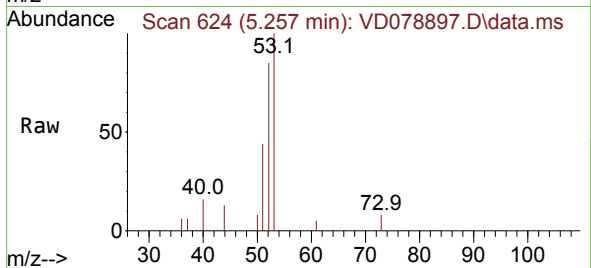
76 62.4 44.8 67.2



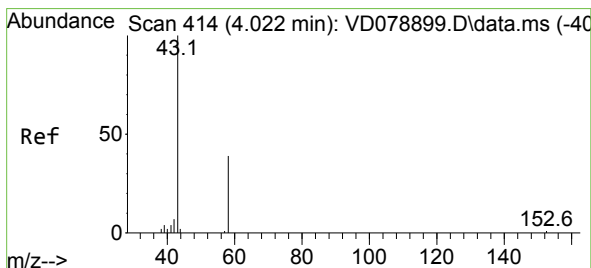
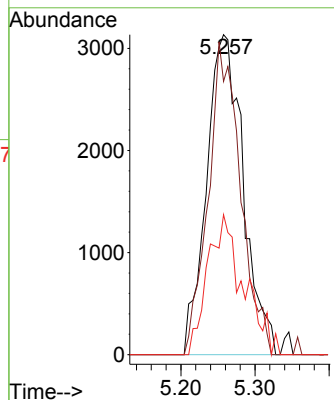


#15
Acrylonitrile
Concen: 49.764 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

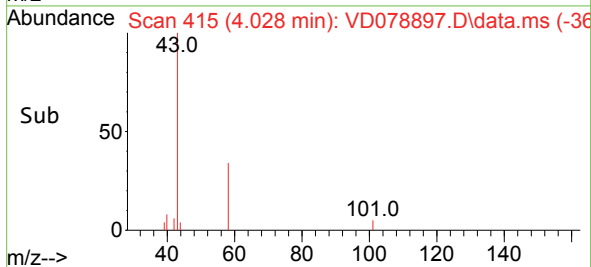
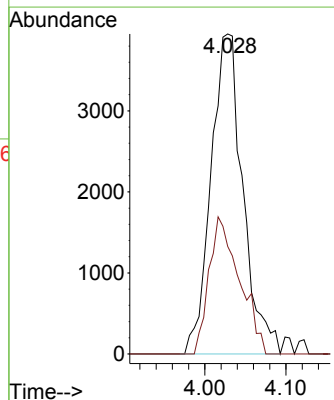
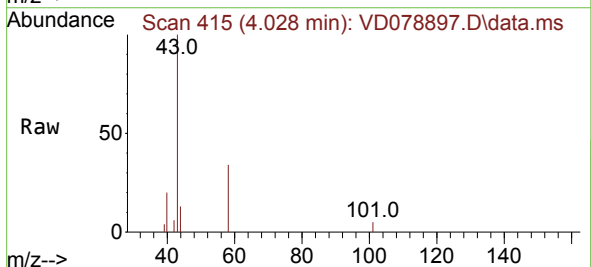


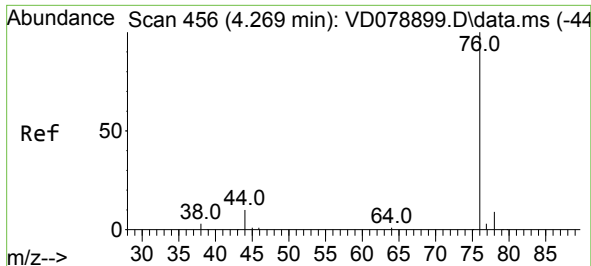
Tgt Ion: 53	Resp: 10806
Ion Ratio	Lower Upper
53	100
52	85.7 61.9 92.9
51	42.8 29.0 43.4



#16
Acetone
Concen: 52.434 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

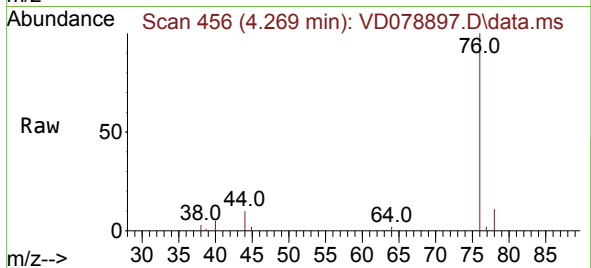
Tgt Ion: 43	Resp: 10782
Ion Ratio	Lower Upper
43	100
58	33.6 28.2 42.4



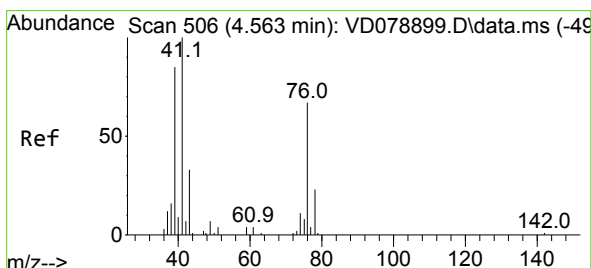
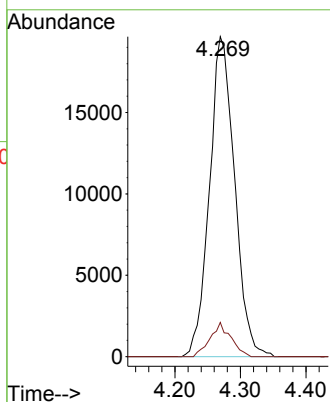
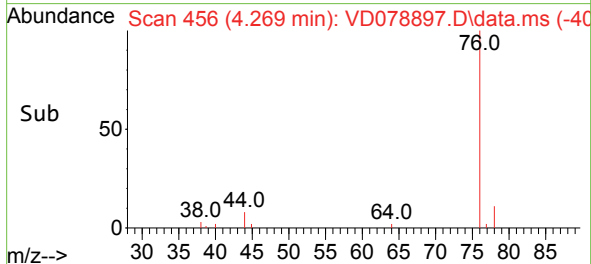


#17
Carbon Disulfide
Concen: 12.055 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

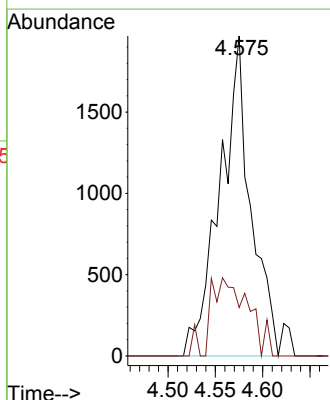
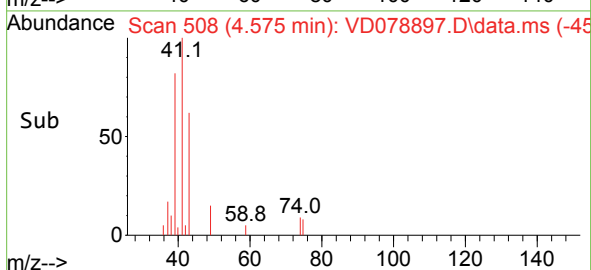
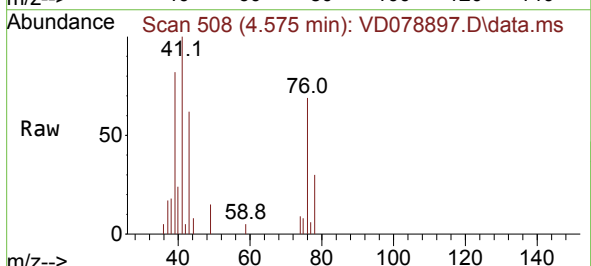


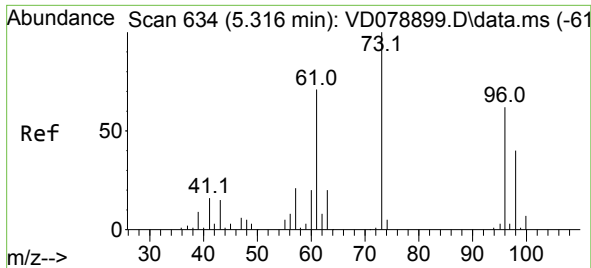
Tgt Ion: 76 Resp: 52372
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9



#18
Methyl Acetate
Concen: 11.183 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 43 Resp: 4438
Ion Ratio Lower Upper
43 100
74 30.2 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 9.716 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

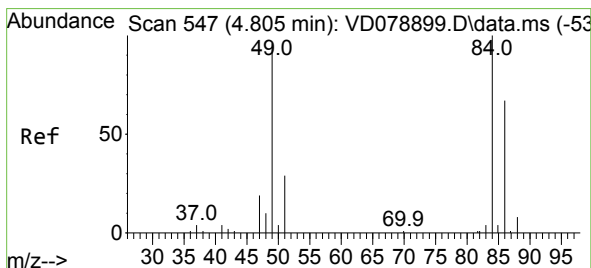
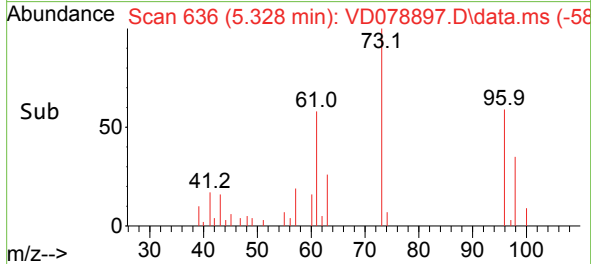
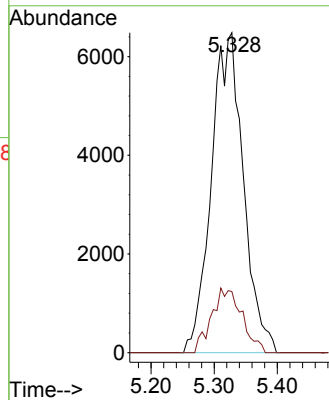
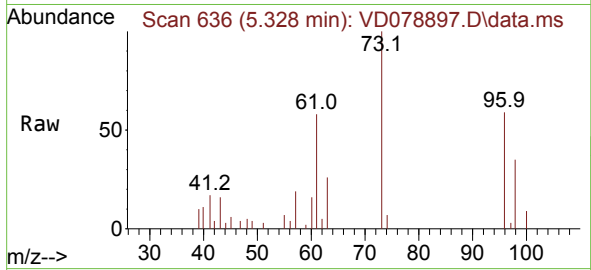
ClientSampleId :

Tgt Ion: 73 Resp: 22856

Ion Ratio Lower Upper

73 100

57 19.1 16.4 24.6



#20

Methylene Chloride

Concen: 10.894 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Tgt Ion: 84 Resp: 30485

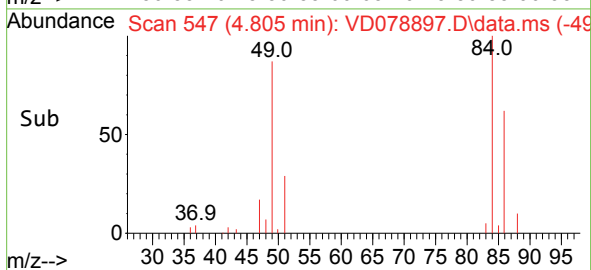
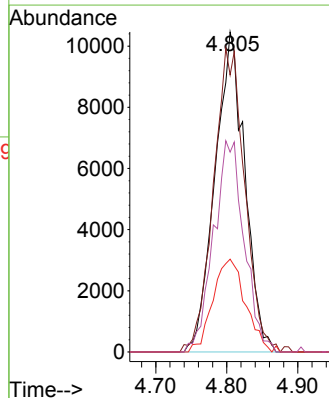
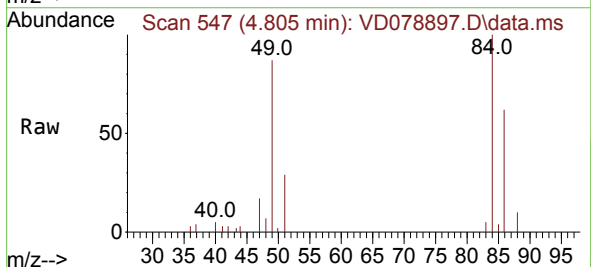
Ion Ratio Lower Upper

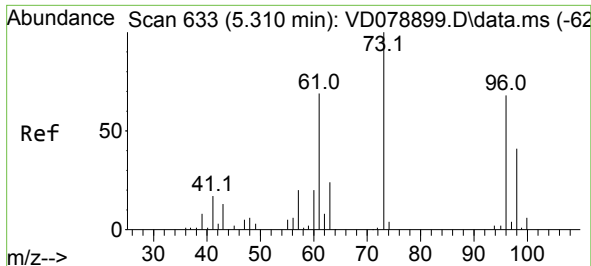
84 100

49 86.6 75.6 113.4

51 29.0 23.4 35.0

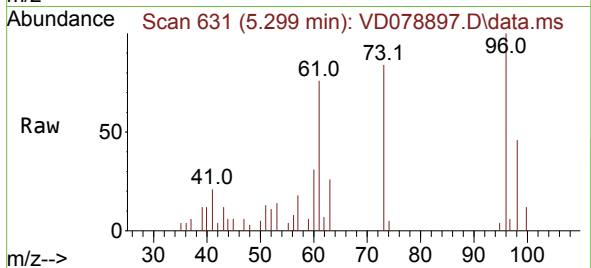
86 62.5 47.8 71.6



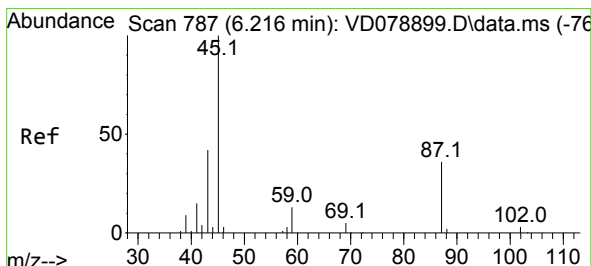
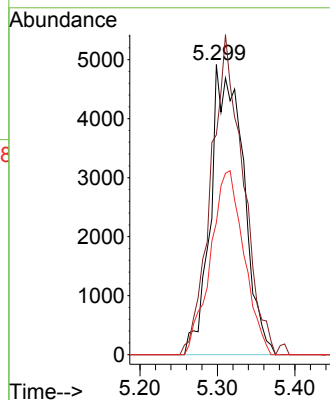
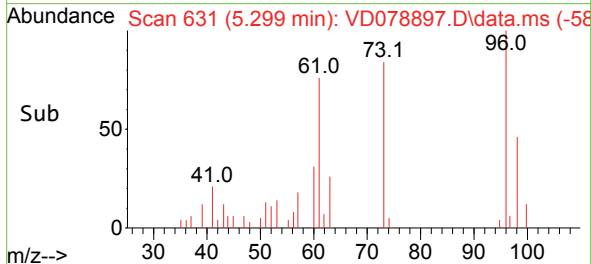


#21
trans-1,2-Dichloroethene
Concen: 10.583 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.017 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

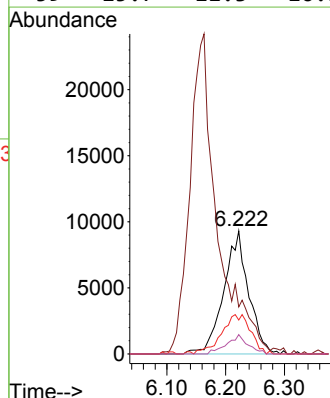
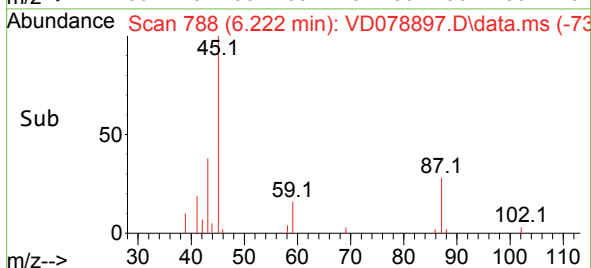
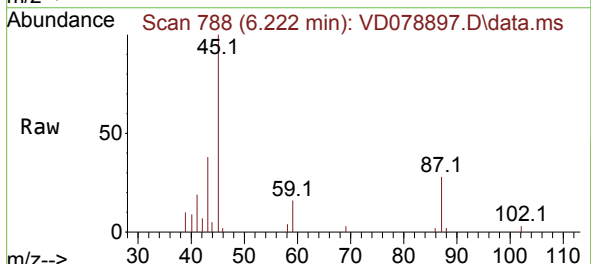


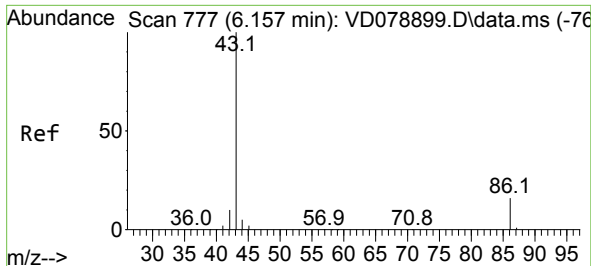
Tgt Ion: 96 Resp: 14480
Ion Ratio Lower Upper
96 100
61 75.8 96.1 144.1#
98 45.5 48.9 73.3#



#22
Diisopropyl ether
Concen: 10.182 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 45 Resp: 27289
Ion Ratio Lower Upper
45 100
43 35.0 44.3 66.5#
87 27.6 28.3 42.5#
59 15.7 11.3 16.9

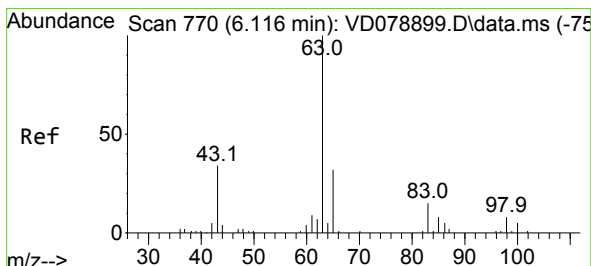
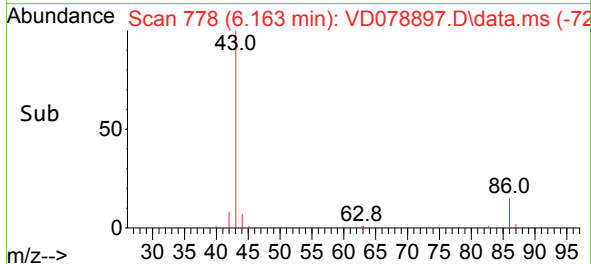
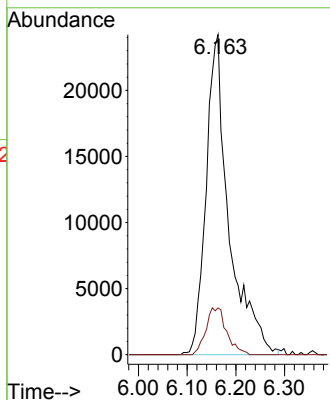
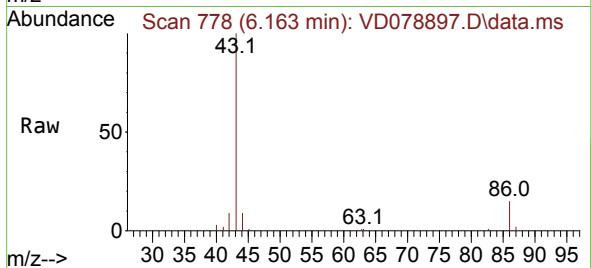




#23
 Vinyl Acetate
 Concen: 48.956 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

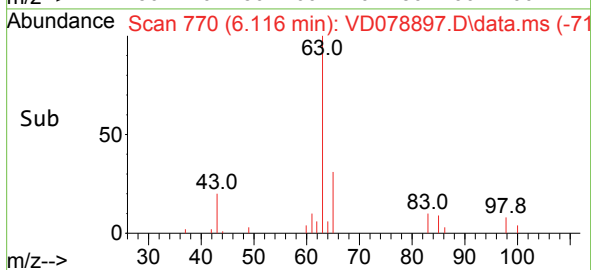
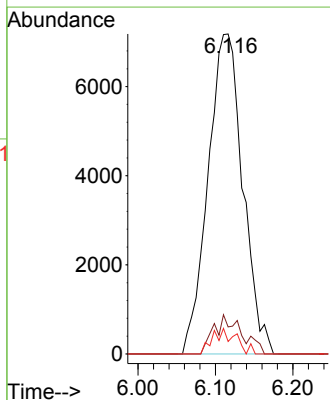
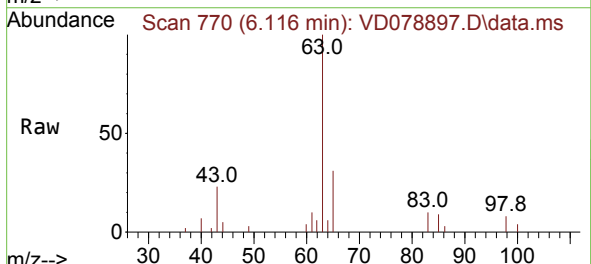
Instrument :
 MSVOA_D
 ClientSampleId :

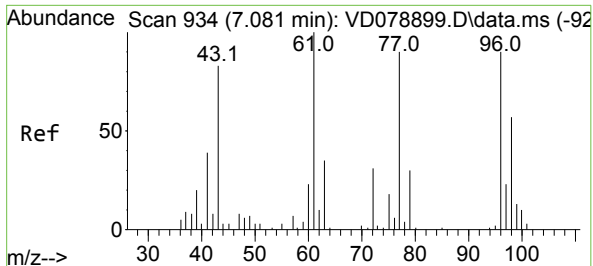
Tgt Ion: 43 Resp: 79000
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 10.762 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

Tgt Ion: 63 Resp: 22380
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 11.9
 100 3.9 2.7 8.1





#25

2-Butanone

Concen: 48.690 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

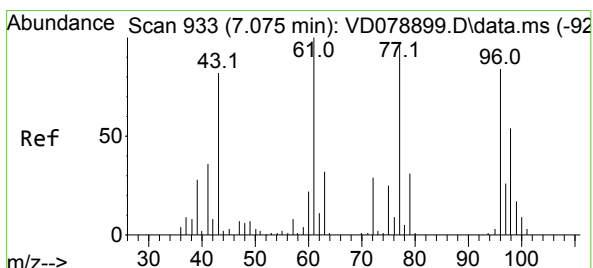
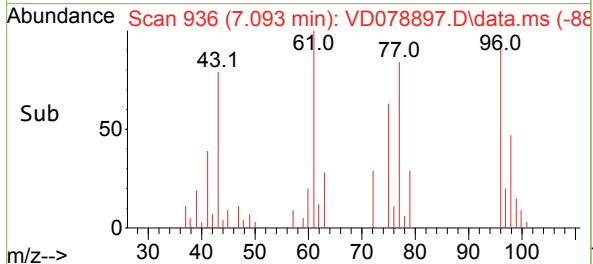
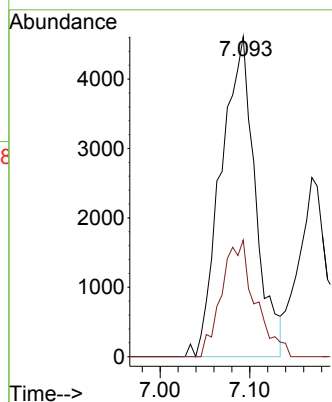
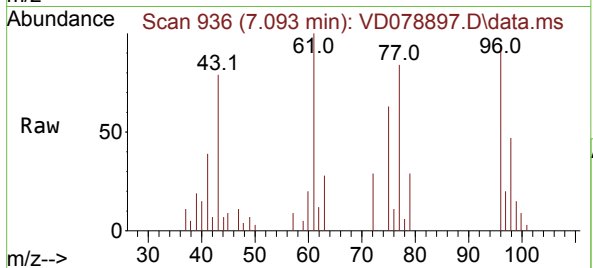
ClientSampleId :

Tgt Ion: 43 Resp: 12262

Ion Ratio Lower Upper

43 100

72 36.4 25.0 37.6



#26

2,2-Dichloropropane

Concen: 10.544 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD078897.D

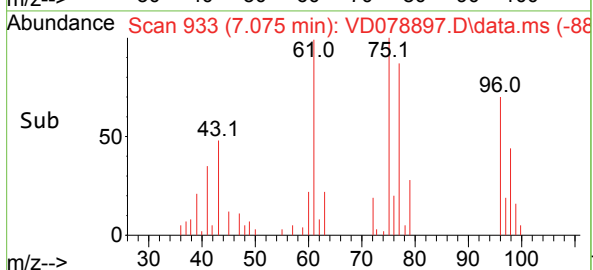
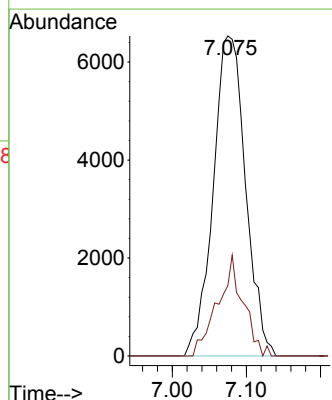
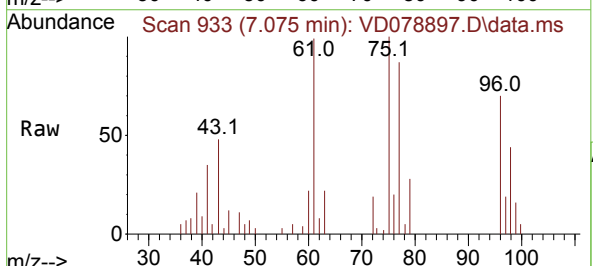
Acq: 10 May 2024 16:20

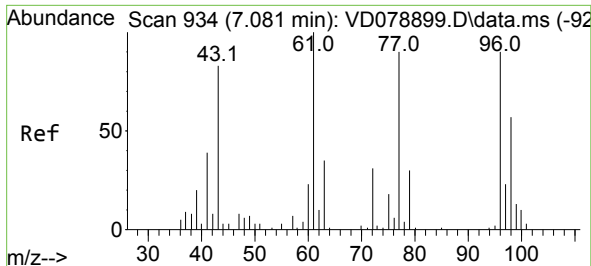
Tgt Ion: 77 Resp: 19827

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 10.380 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

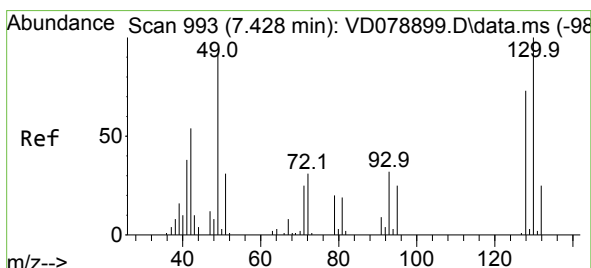
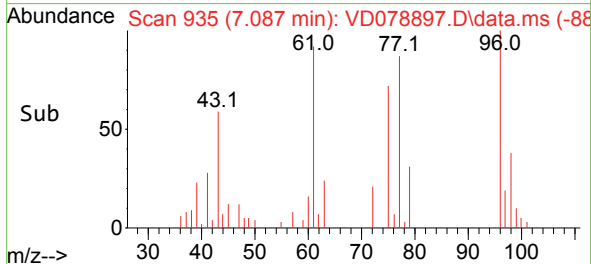
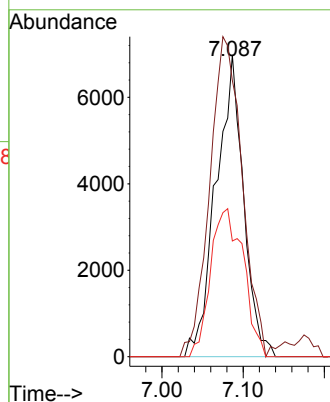
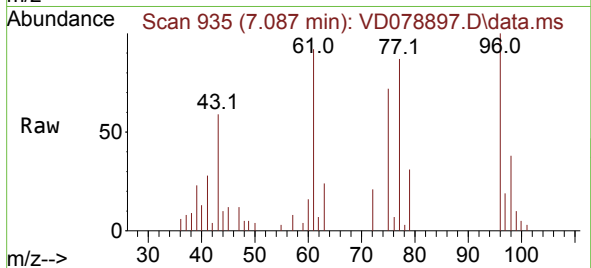
Tgt Ion: 96 Resp: 16450

Ion Ratio Lower Upper

96 100

61 125.5 0.0 245.0

98 58.4 0.0 126.6



#28

Bromochloromethane

Concen: 11.005 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

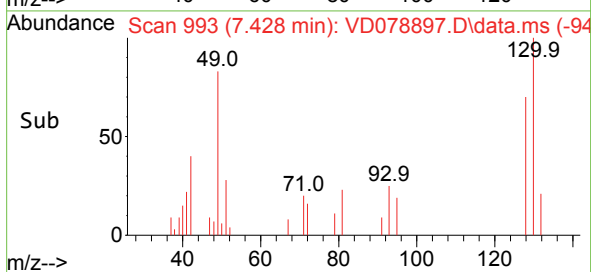
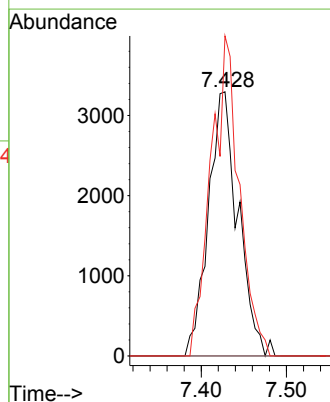
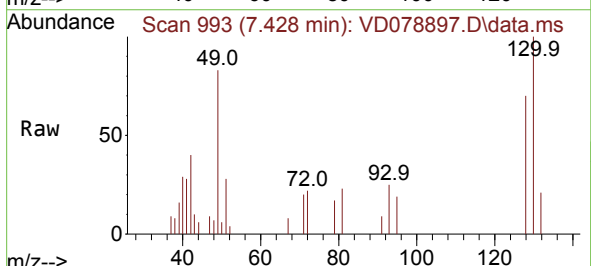
Tgt Ion: 49 Resp: 7986

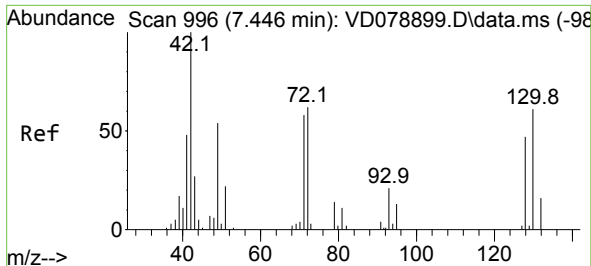
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.2

130 115.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 49.544 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

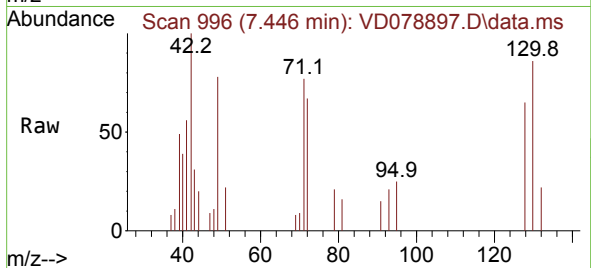
Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :



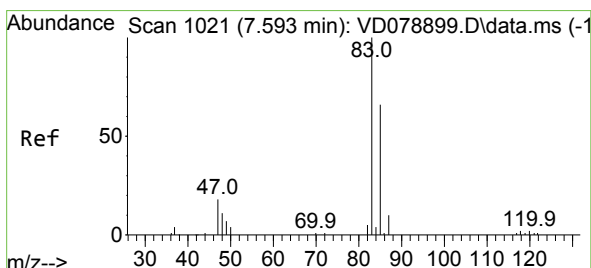
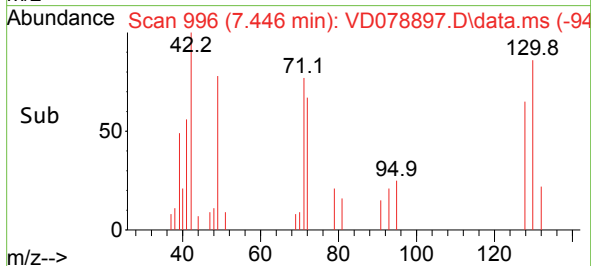
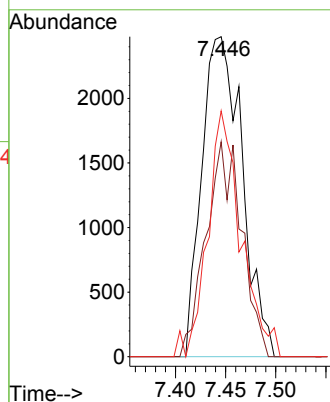
Tgt Ion: 42 Resp: 6941

Ion Ratio Lower Upper

42 100

72 59.4 43.8 65.6

71 63.3 42.0 63.0#



#30

Chloroform

Concen: 10.799 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078897.D

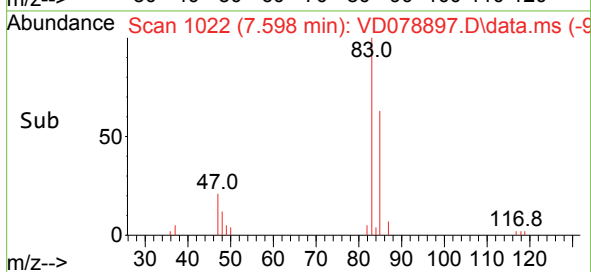
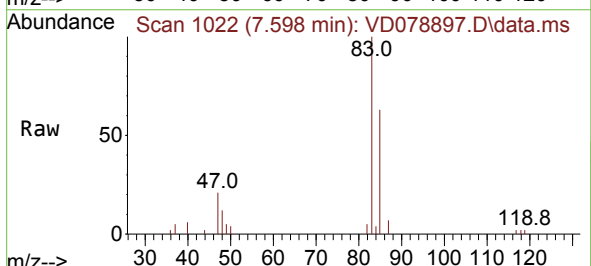
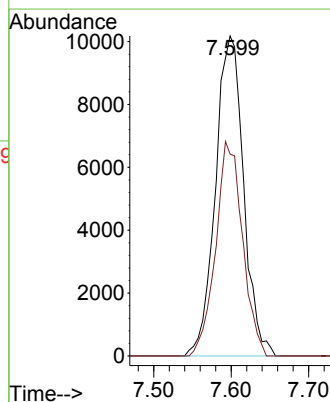
Acq: 10 May 2024 16:20

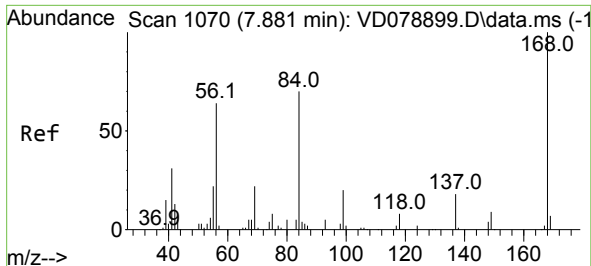
Tgt Ion: 83 Resp: 25676

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8





#31

Cyclohexane

Concen: 10.760 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

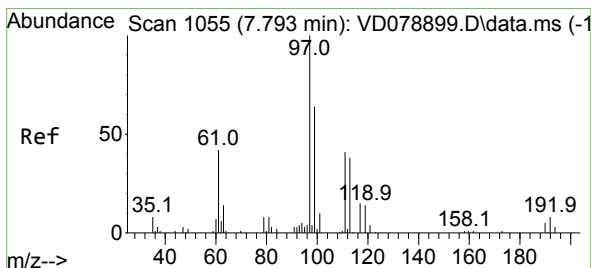
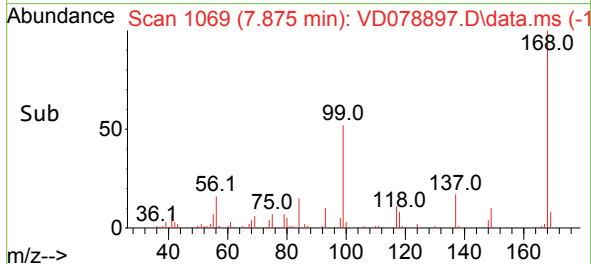
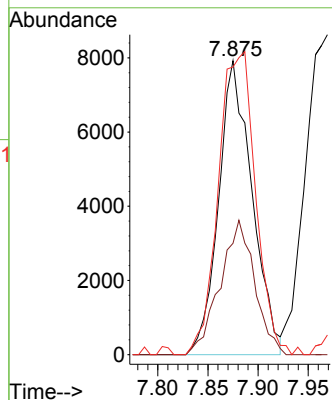
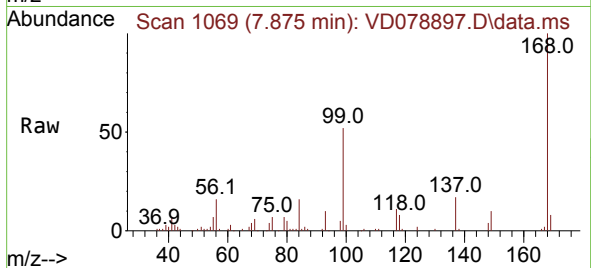
Tgt Ion: 56 Resp: 18392

Ion Ratio Lower Upper

56 100

69 37.9 26.6 40.0

84 97.9 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 10.334 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

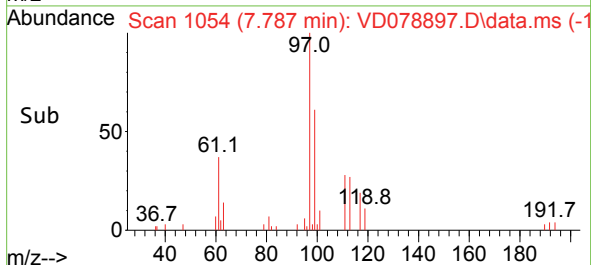
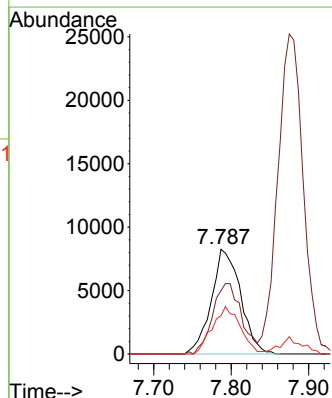
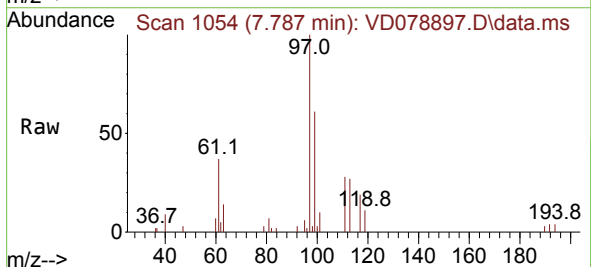
Tgt Ion: 97 Resp: 21613

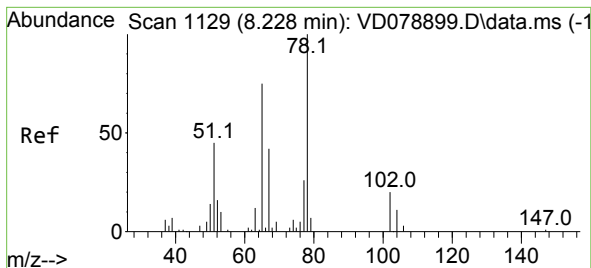
Ion Ratio Lower Upper

97 100

99 66.5 50.8 76.2

61 43.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 10.690 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

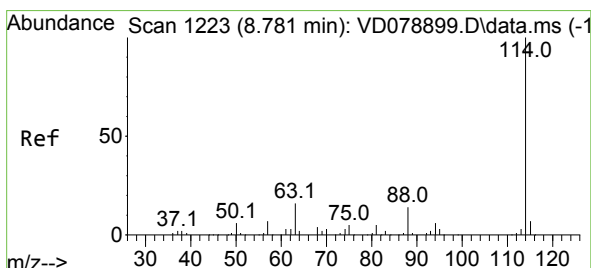
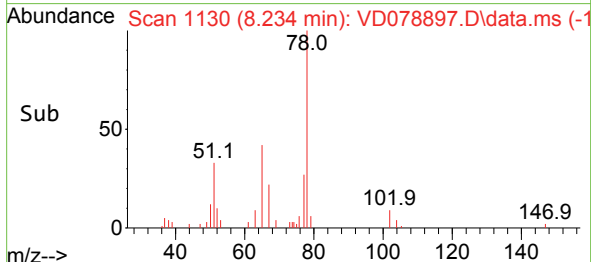
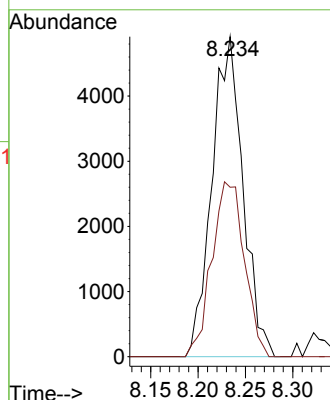
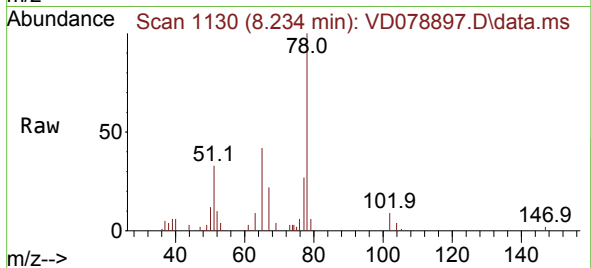
ClientSampleId :

Tgt Ion: 65 Resp: 11187

Ion Ratio Lower Upper

65 100

67 57.4 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: VD078897.D

Acq: 10 May 2024 16:20

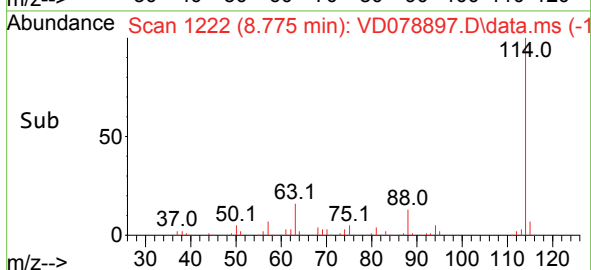
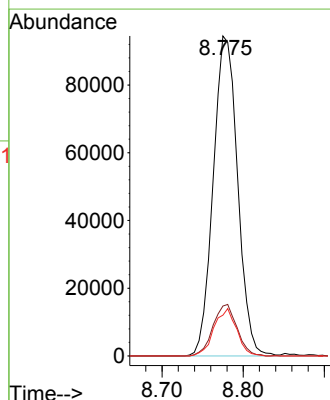
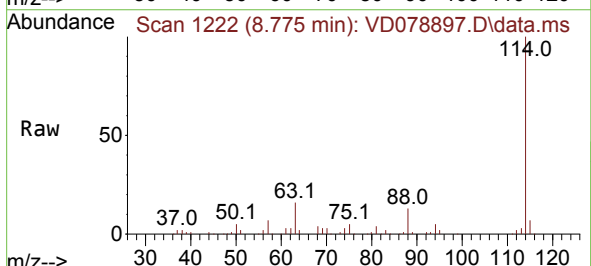
Tgt Ion:114 Resp: 197430

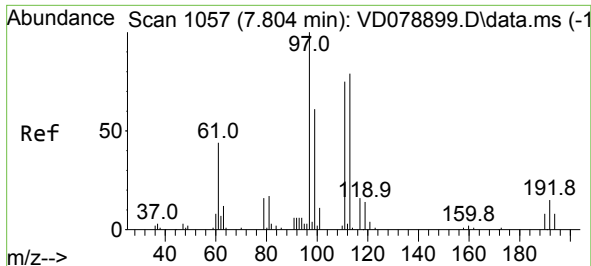
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.4

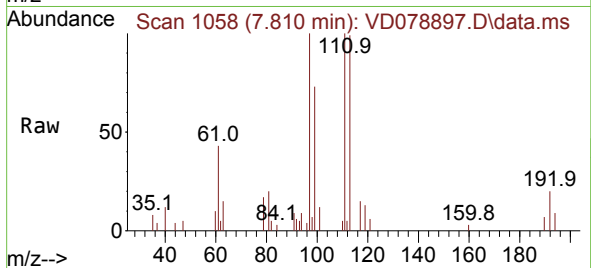
88 12.7 0.0 24.6



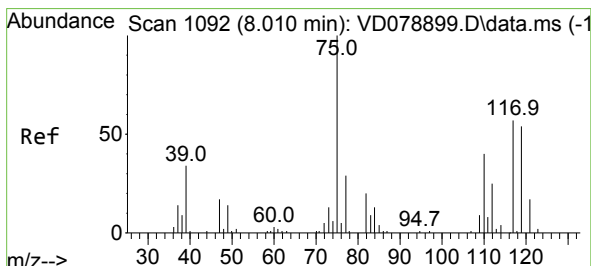
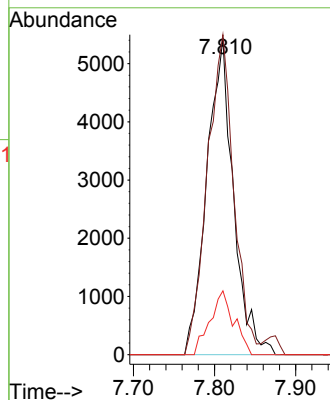
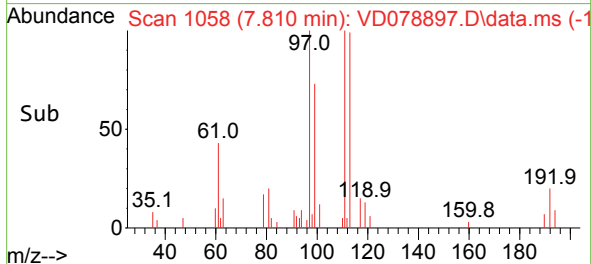


#35
Dibromofluoromethane
Concen: 9.652 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

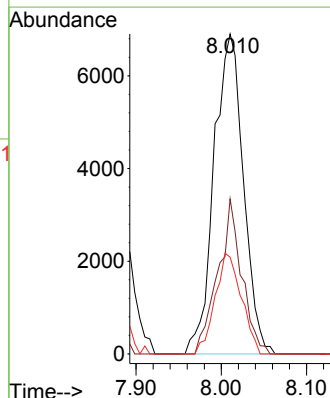
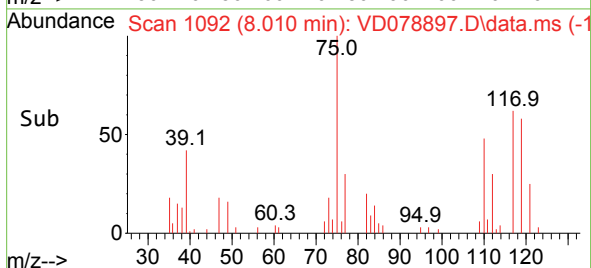
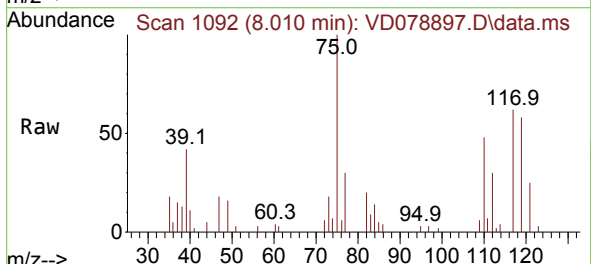


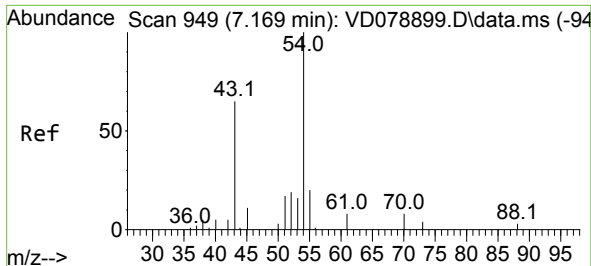
Tgt Ion:113 Resp: 12369
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 18.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 9.612 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 75 Resp: 16550
Ion Ratio Lower Upper
75 100
110 39.3 19.1 57.1
77 28.1 25.4 38.2





#37

Ethyl Acetate

Concen: 10.450 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

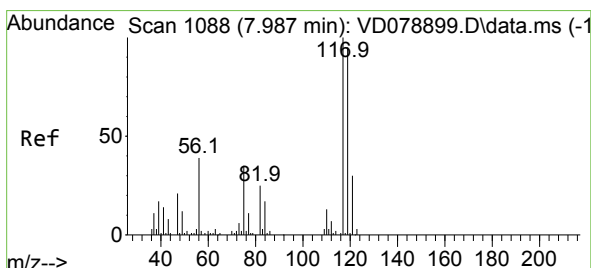
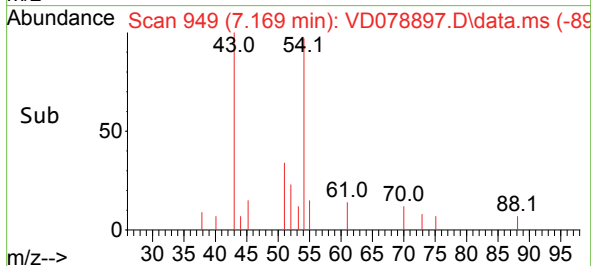
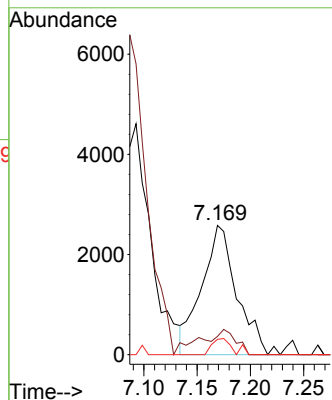
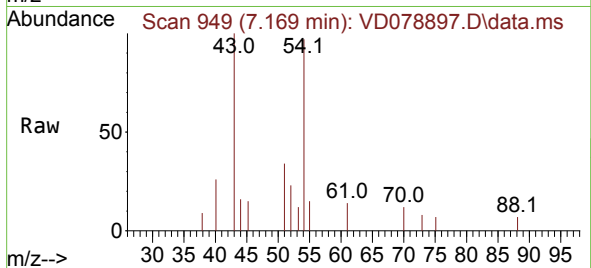
Tgt Ion: 43 Resp: 5937

Ion Ratio Lower Upper

43 100

61 10.5 14.6 21.8#

70 7.3 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 9.953 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

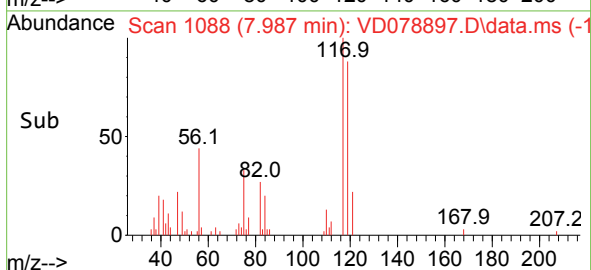
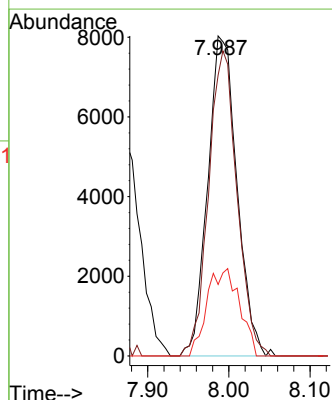
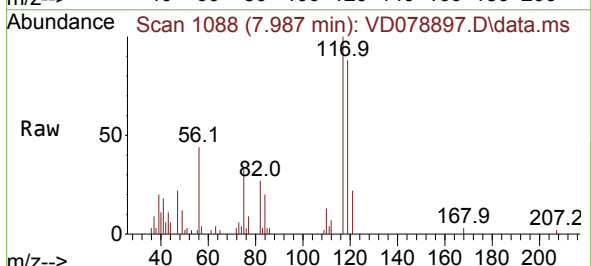
Tgt Ion: 117 Resp: 20123

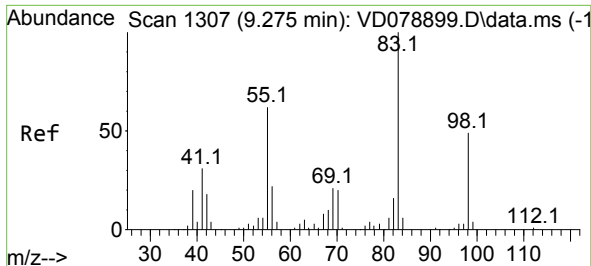
Ion Ratio Lower Upper

117 100

119 87.8 79.2 118.8

121 22.3 26.8 40.2#





#39

Methylcyclohexane

Concen: 8.939 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

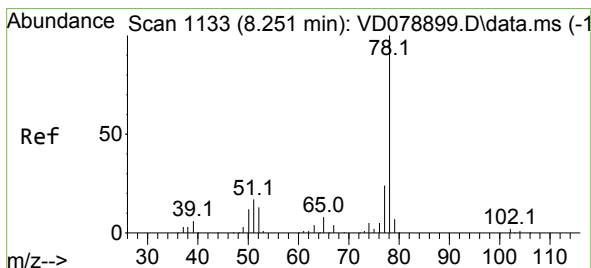
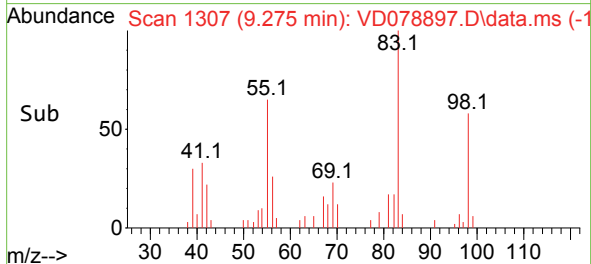
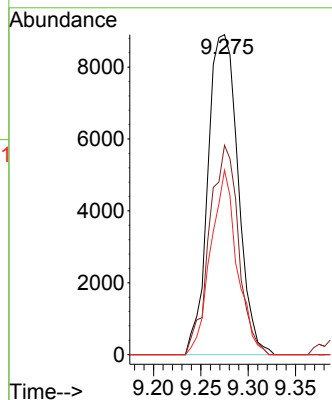
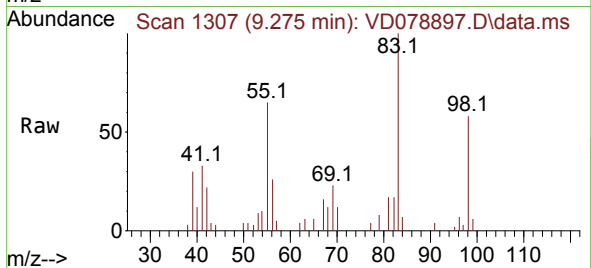
Tgt Ion: 83 Resp: 19731

Ion Ratio Lower Upper

83 100

55 65.4 51.7 77.5

98 57.6 41.4 62.0



#40

Benzene

Concen: 9.927 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078897.D

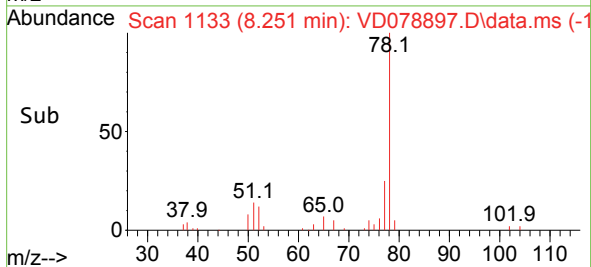
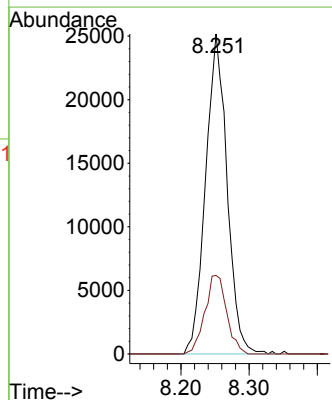
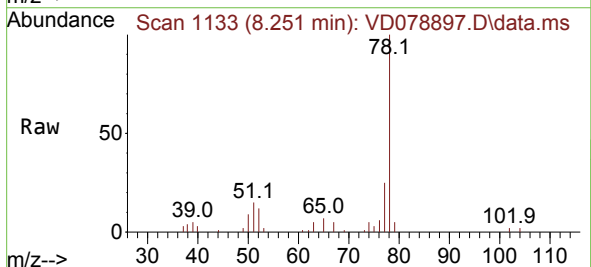
Acq: 10 May 2024 16:20

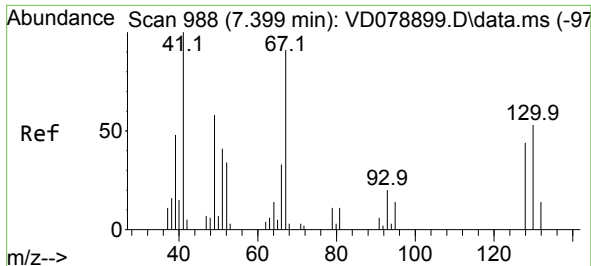
Tgt Ion: 78 Resp: 55114

Ion Ratio Lower Upper

78 100

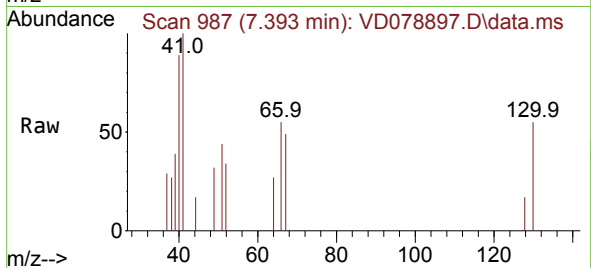
77 24.5 20.4 30.6



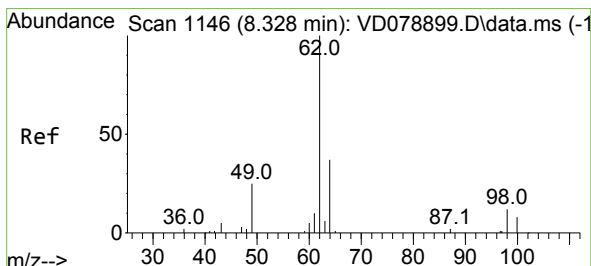
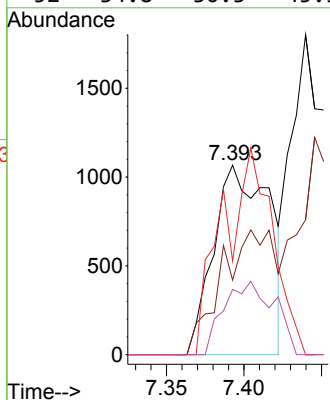
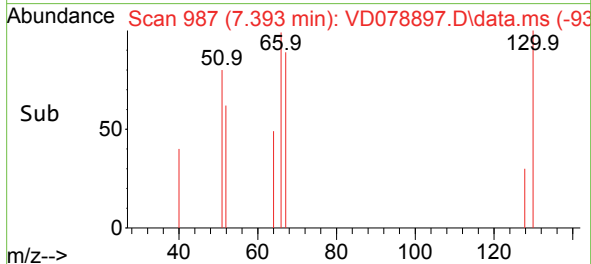


#41
Methacrylonitrile
Concen: 8.513 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

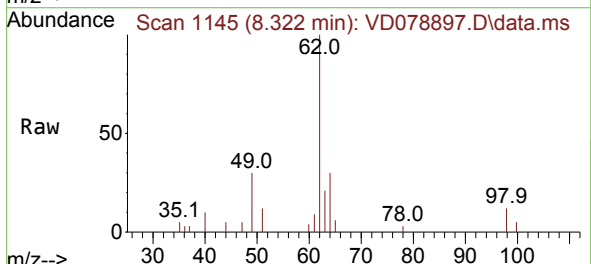
Instrument :
MSVOA_D
ClientSampleId :



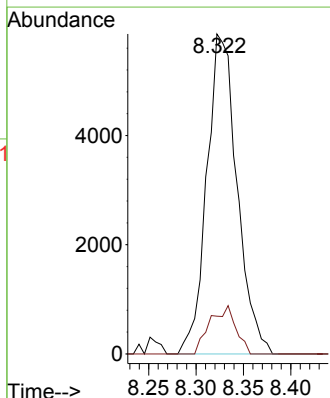
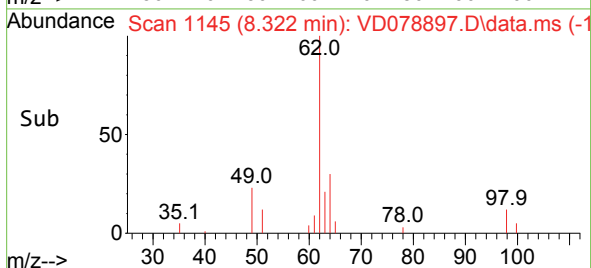
Tgt Ion: 41 Resp: 2681
Ion Ratio Lower Upper
41 100
39 62.6 39.8 59.6#
67 97.6 83.5 125.3
52 34.8 30.3 45.5

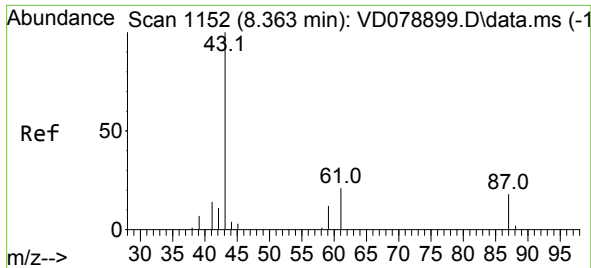


#42
1,2-Dichloroethane
Concen: 10.065 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20



Tgt Ion: 62 Resp: 13025
Ion Ratio Lower Upper
62 100
98 12.9 0.0 23.8

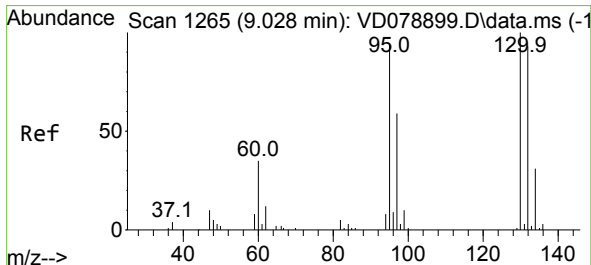
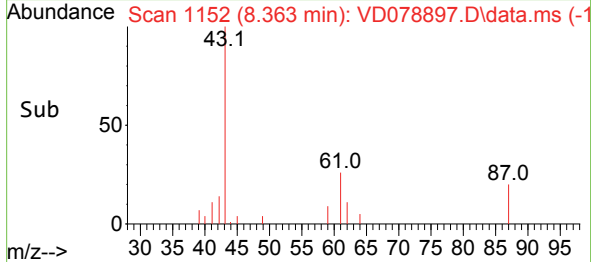
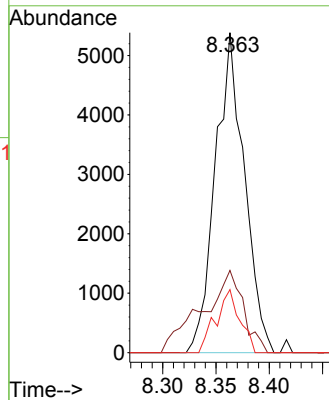
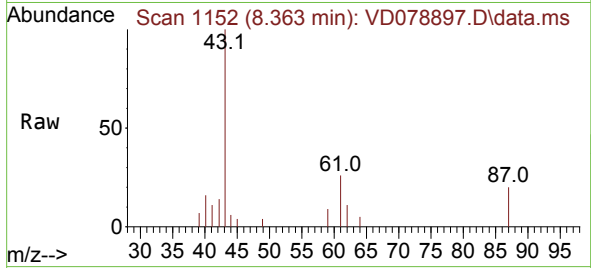




#43
Isopropyl Acetate
Concen: 9.670 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

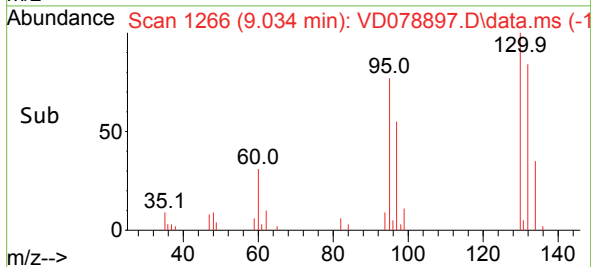
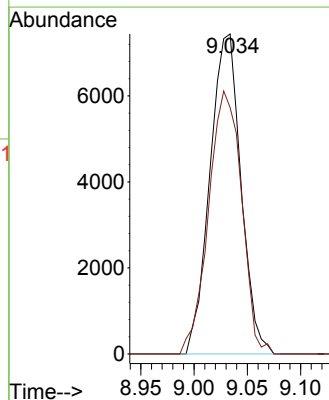
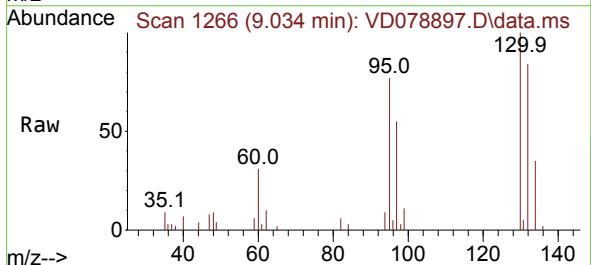
Instrument :
MSVOA_D
ClientSampleId :

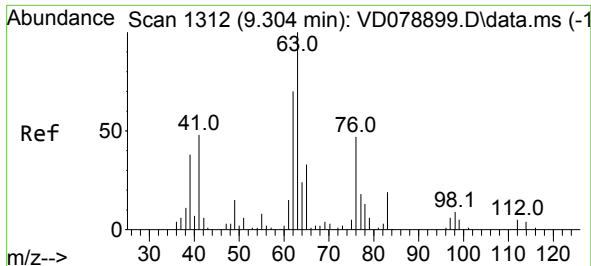
Tgt Ion:	43	Resp:	10204
Ion	Ratio	Lower	Upper
43	100		
61	36.7	30.1	45.1
87	16.2	14.4	21.6



#44
Trichloroethene
Concen: 10.179 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion:	130	Resp:	15062
Ion	Ratio	Lower	Upper
130	100		
95	77.0	0.0	197.8





#45

1,2-Dichloropropane

Concen: 10.860 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

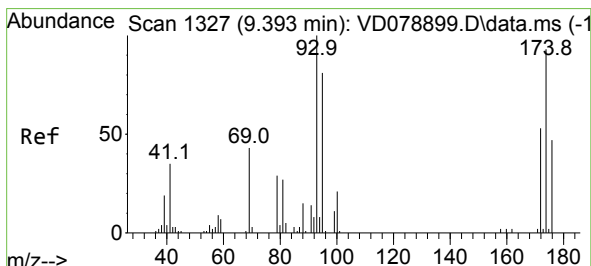
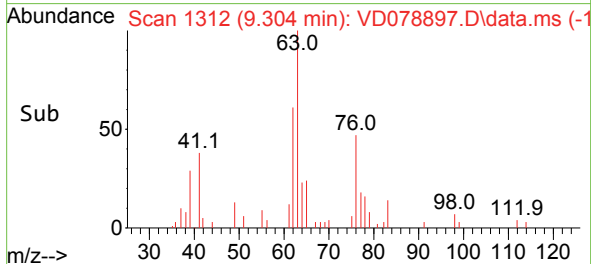
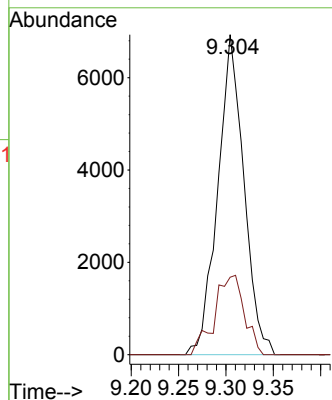
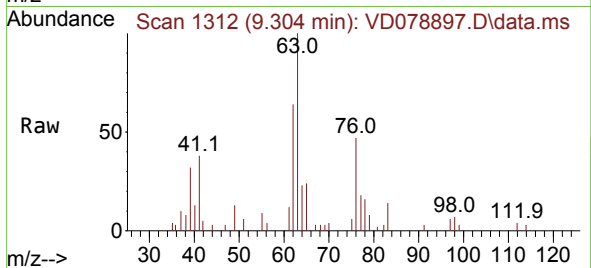
ClientSampleId :

Tgt Ion: 63 Resp: 13282

Ion Ratio Lower Upper

63 100

65 24.2 24.8 37.2#



#46

Dibromomethane

Concen: 10.276 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

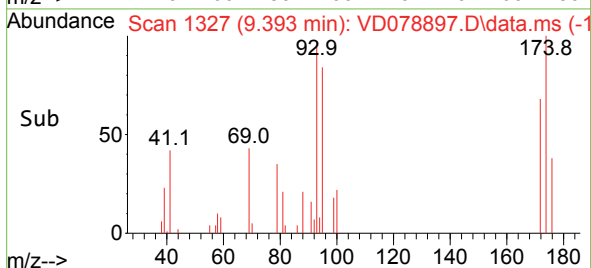
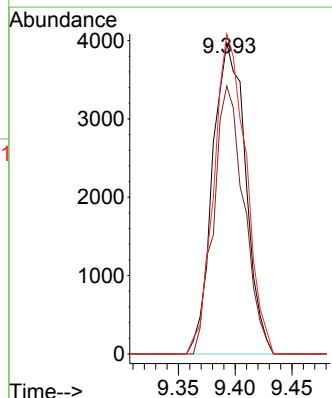
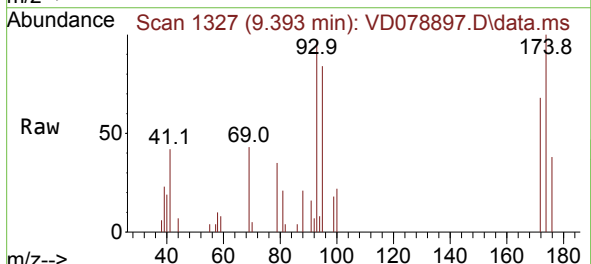
Tgt Ion: 93 Resp: 7976

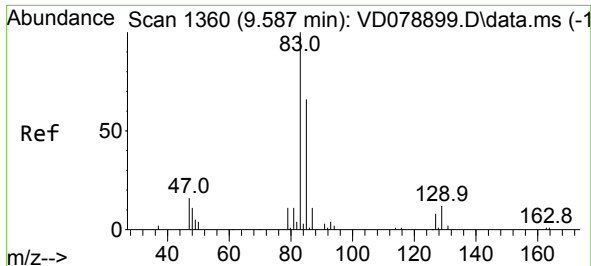
Ion Ratio Lower Upper

93 100

95 79.7 67.3 100.9

174 100.1 80.9 121.3





#47

Bromodichloromethane

Concen: 9.749 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

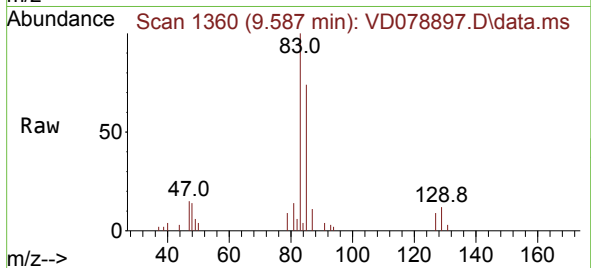
Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :



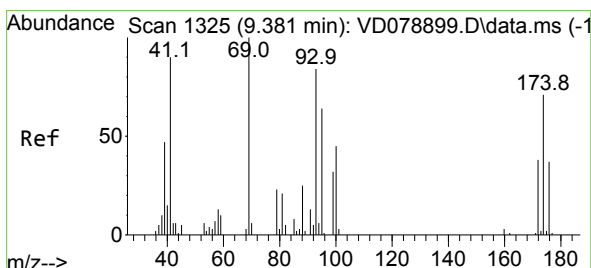
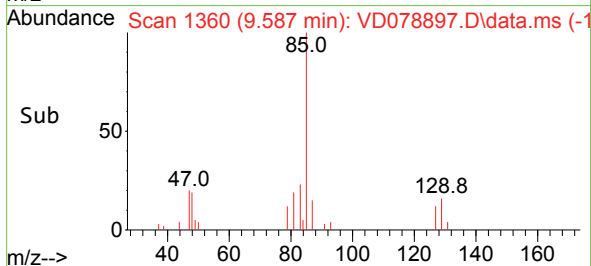
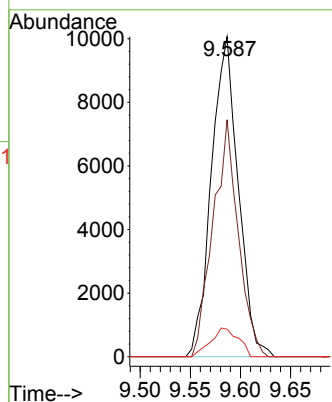
Tgt Ion: 83 Resp: 18726

Ion Ratio Lower Upper

83 100

85 74.1 54.0 81.0

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 9.261 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

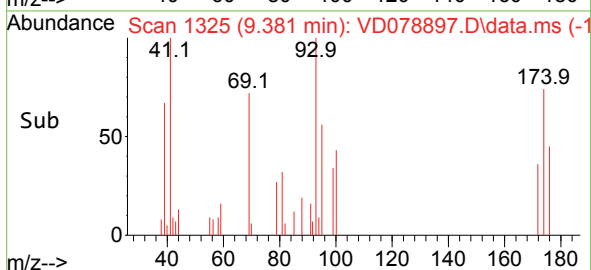
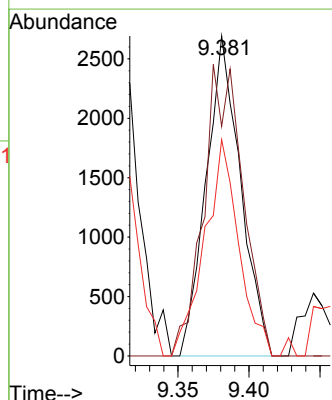
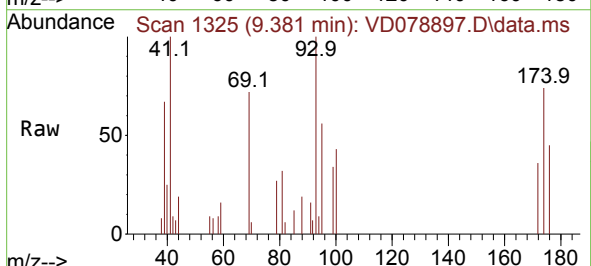
Tgt Ion: 41 Resp: 4536

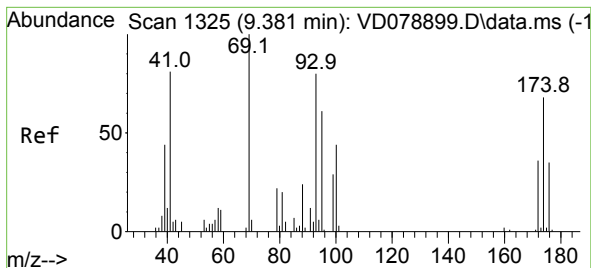
Ion Ratio Lower Upper

41 100

69 103.9 88.3 132.5

39 67.2 46.6 69.8





#49

1,4-Dioxane

Concen: 169.695 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

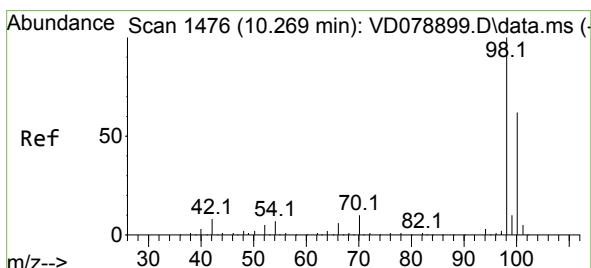
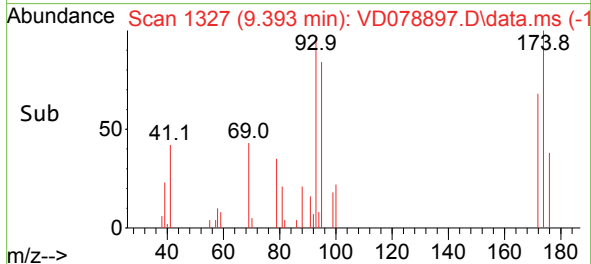
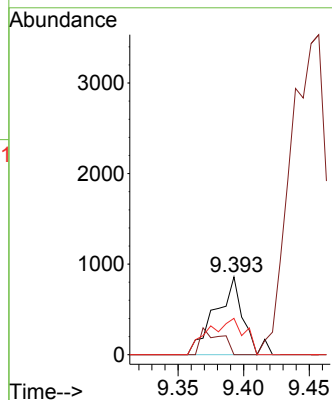
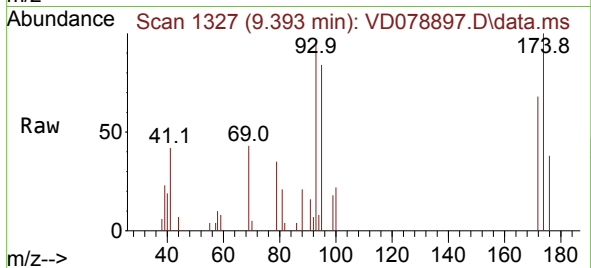
Tgt Ion: 88 Resp: 1269

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 61.0 51.0 76.6



#50

Toluene-d8

Concen: 9.307 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078897.D

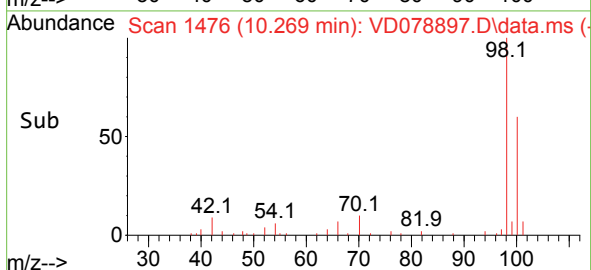
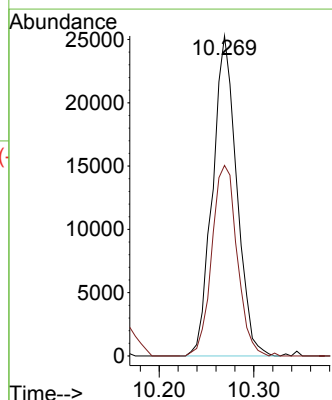
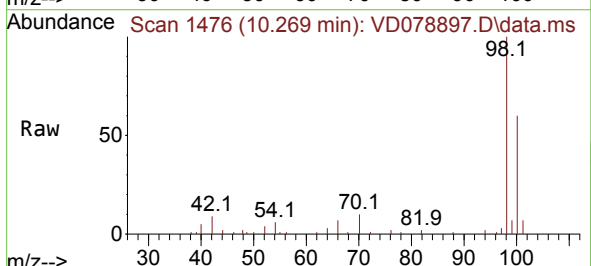
Acq: 10 May 2024 16:20

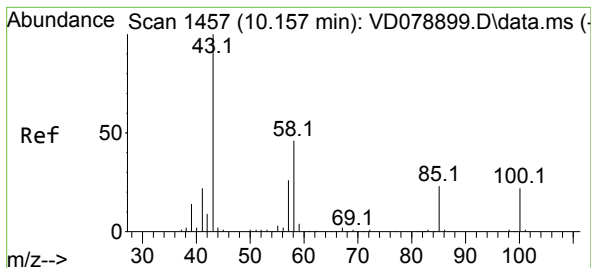
Tgt Ion: 98 Resp: 44864

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7

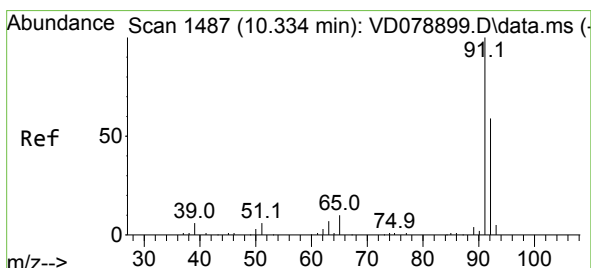
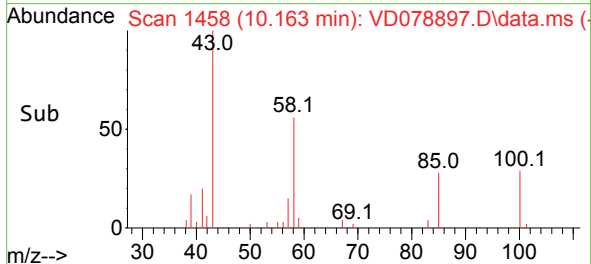
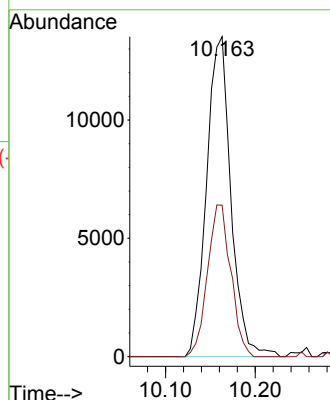
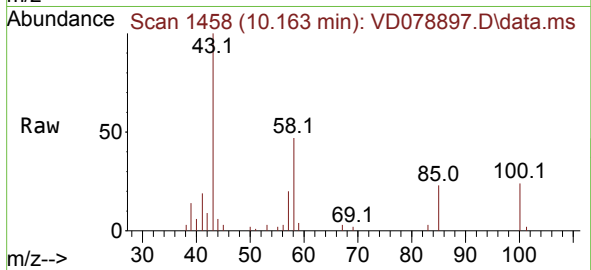




#51
4-Methyl-2-Pentanone
Concen: 47.161 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

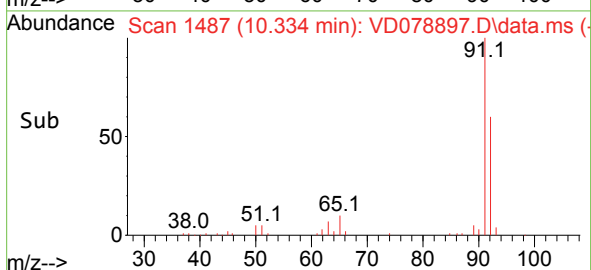
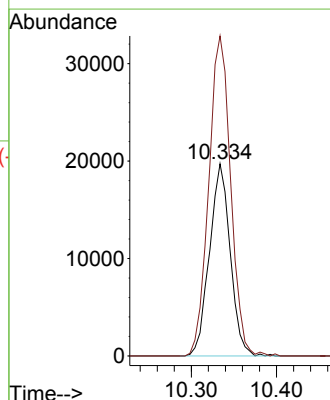
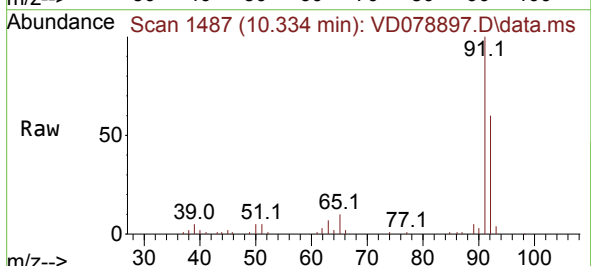
Instrument :
MSVOA_D
ClientSampleId :

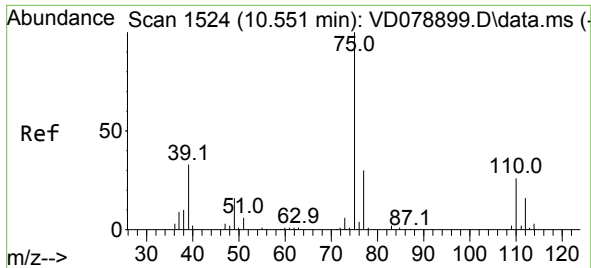
Tgt Ion: 43 Resp: 25546
Ion Ratio Lower Upper
43 100
58 45.3 36.4 54.6



#52
Toluene
Concen: 9.275 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 92 Resp: 33407
Ion Ratio Lower Upper
92 100
91 176.1 136.6 205.0

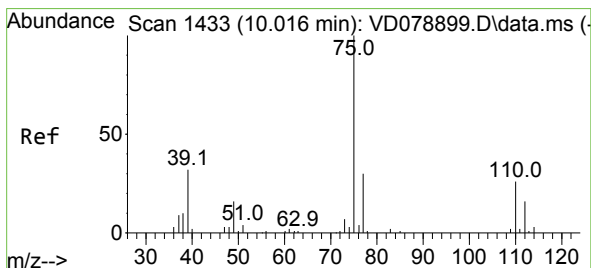
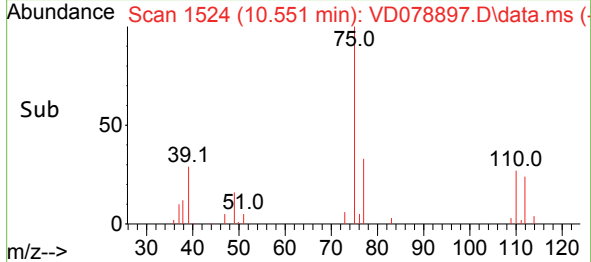
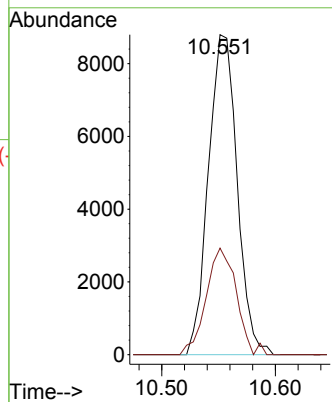
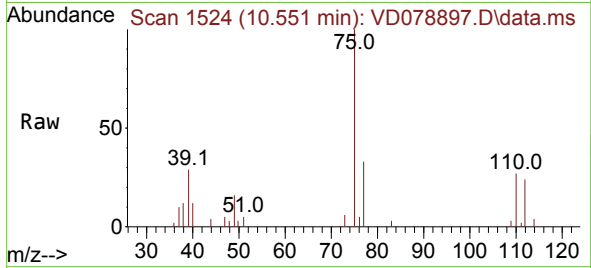




#53
t-1,3-Dichloropropene
Concen: 9.507 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

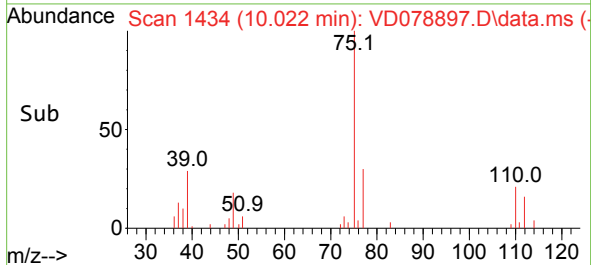
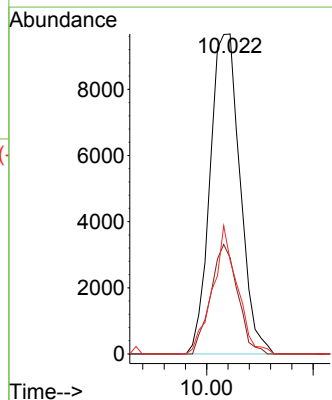
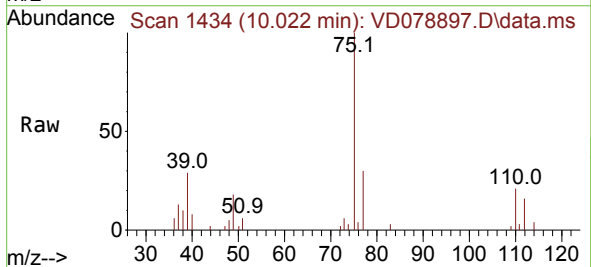
Instrument :
MSVOA_D
ClientSampleId :

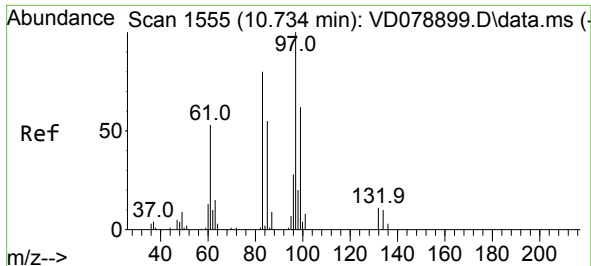
Tgt Ion: 75 Resp: 15471
Ion Ratio Lower Upper
75 100
77 33.3 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 9.649 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 75 Resp: 18854
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0
39 29.3 26.7 40.1

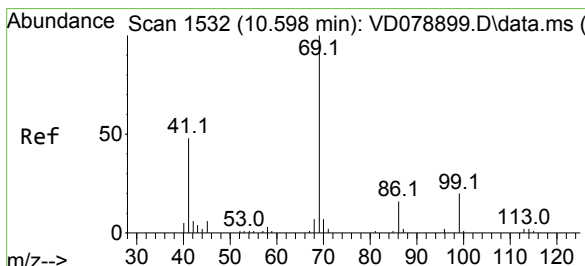
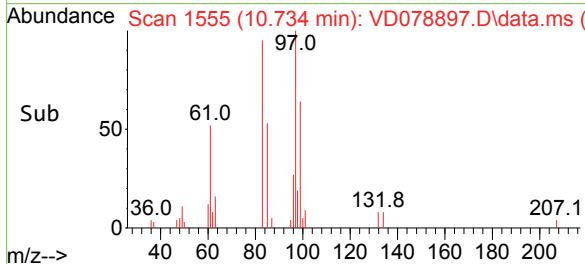
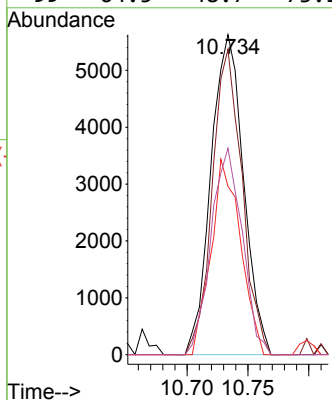
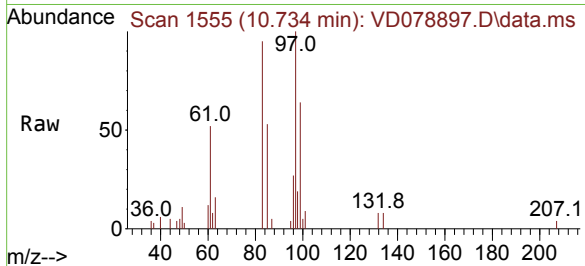




#55
1,1,2-Trichloroethane
Concen: 10.109 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

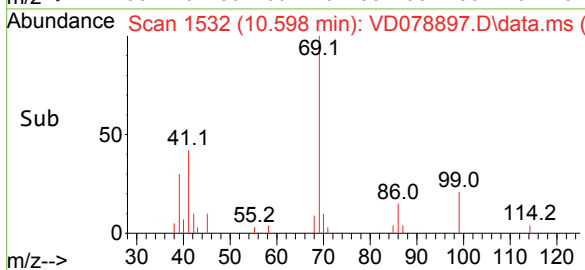
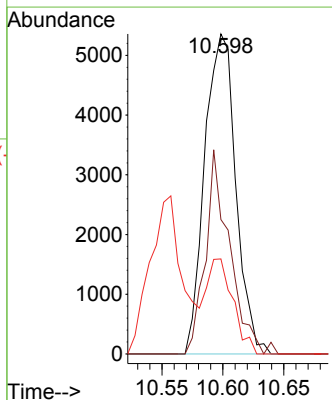
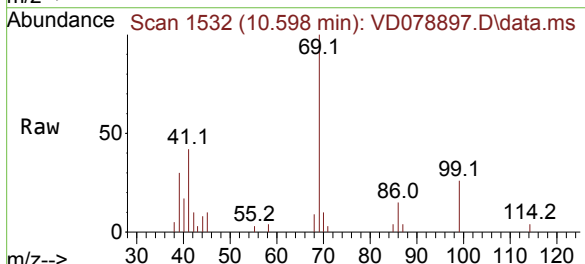
Instrument :
MSVOA_D
ClientSampleId :

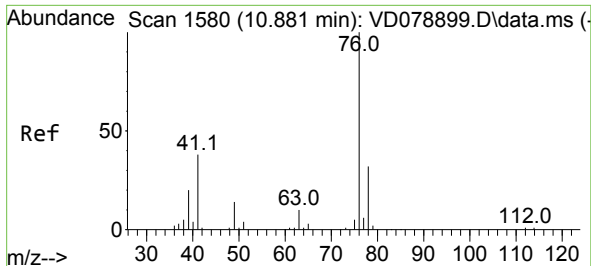
Tgt Ion: 97	Resp: 10476
Ion Ratio	Lower Upper
97 100	
83 95.5	68.1 102.1
85 52.6	48.2 72.2
99 64.5	48.7 73.1



#56
Ethyl methacrylate
Concen: 8.874 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 69	Resp: 9511
Ion Ratio	Lower Upper
69 100	
41 49.6	40.9 61.3
39 25.0	25.5 38.3#





#57

1,3-Dichloropropane

Concen: 10.027 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

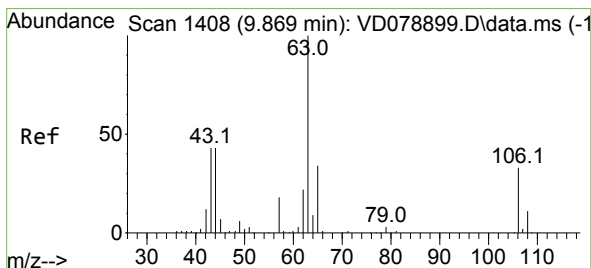
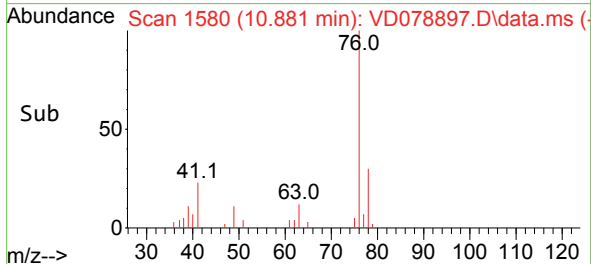
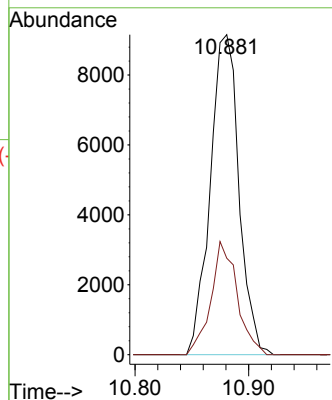
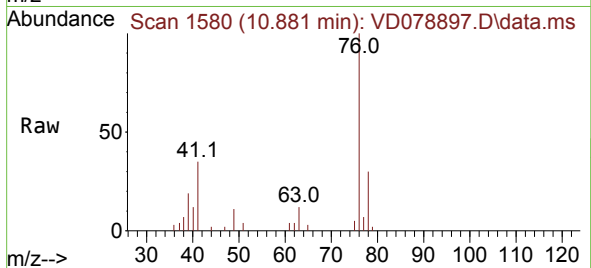
ClientSampleId :

Tgt Ion: 76 Resp: 16141

Ion Ratio Lower Upper

76 100

78 32.2 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 40.631 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078897.D

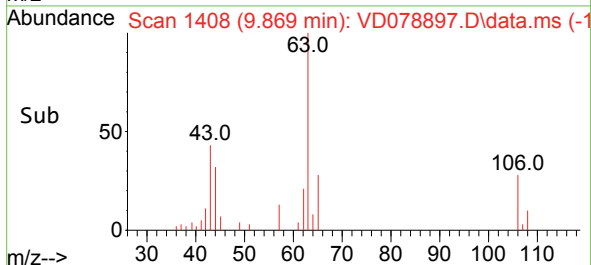
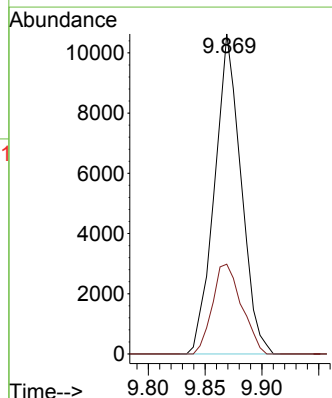
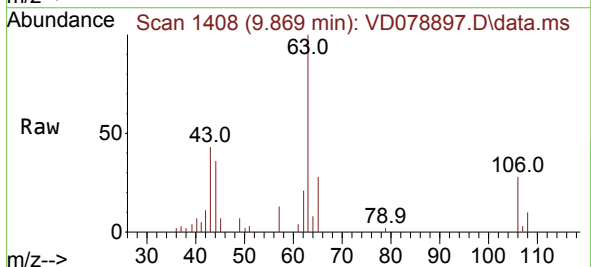
Acq: 10 May 2024 16:20

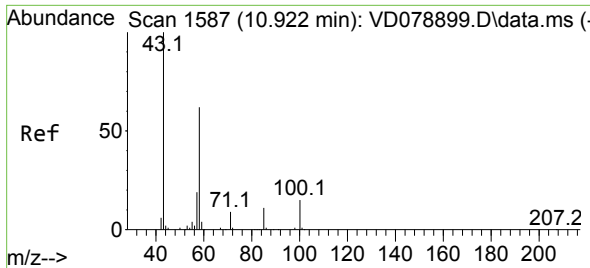
Tgt Ion: 63 Resp: 17264

Ion Ratio Lower Upper

63 100

106 30.9 25.2 37.8

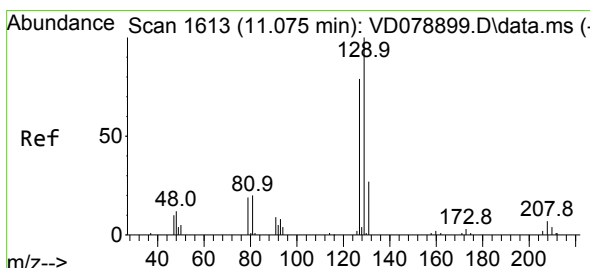
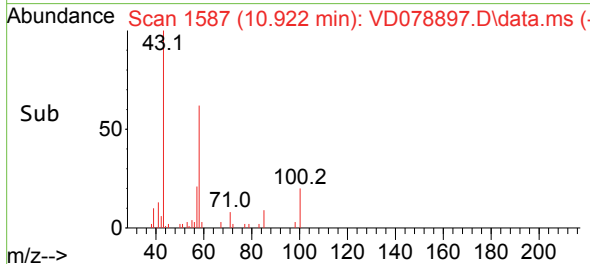
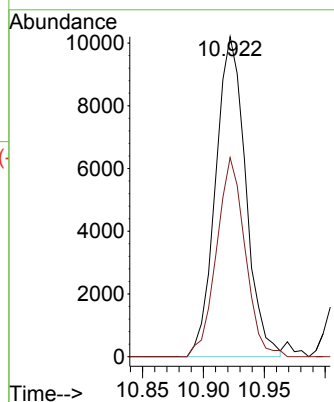
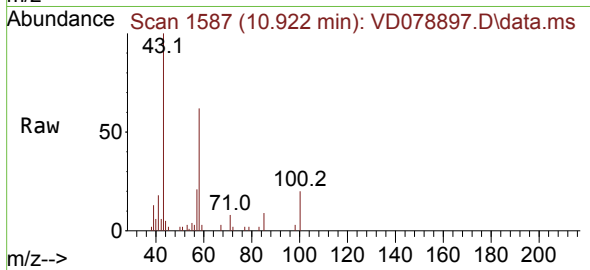




#59
2-Hexanone
Concen: 44.022 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

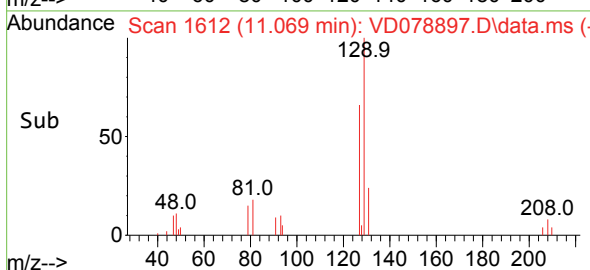
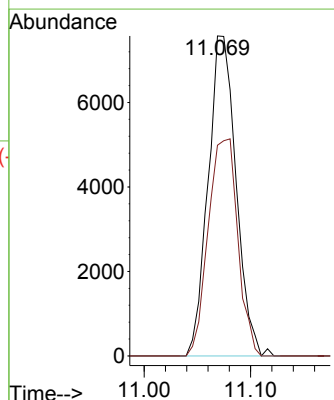
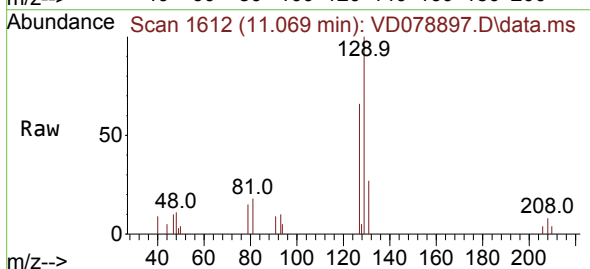
Instrument :
MSVOA_D
ClientSampleId :

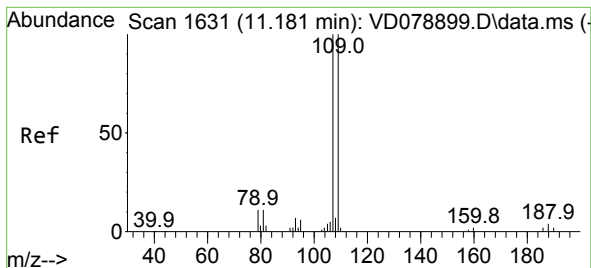
Tgt Ion: 43 Resp: 17567
Ion Ratio Lower Upper
43 100
58 59.2 31.5 94.5



#60
Dibromochloromethane
Concen: 9.885 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 129 Resp: 13815
Ion Ratio Lower Upper
129 100
127 71.5 38.8 116.3

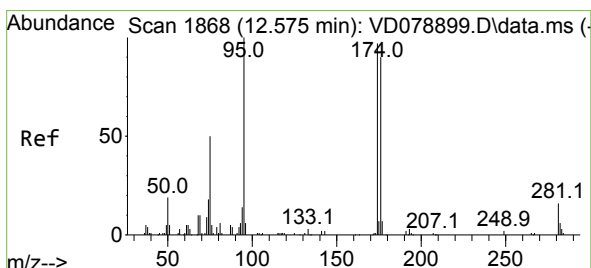
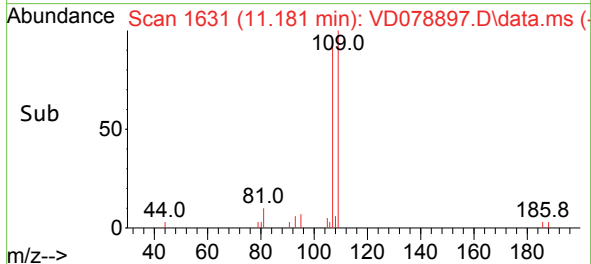
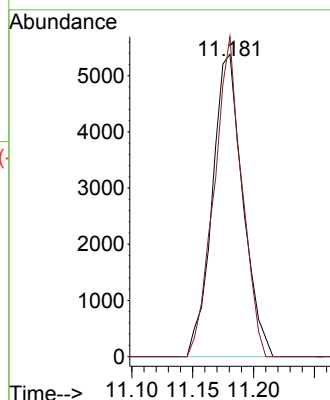
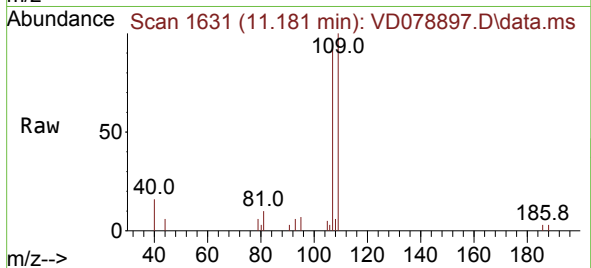




#61
1,2-Dibromoethane
Concen: 9.674 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

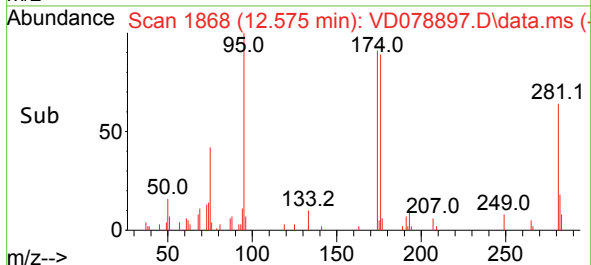
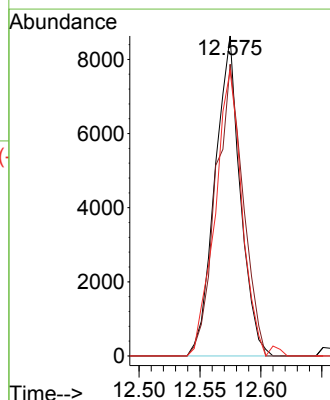
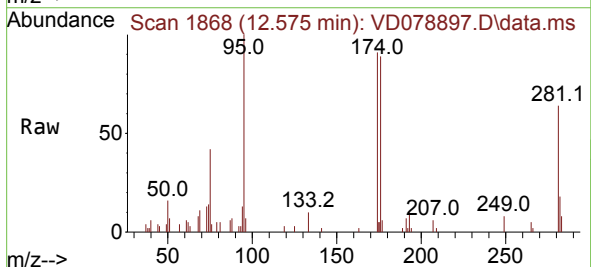
Instrument :
MSVOA_D
ClientSampleId :

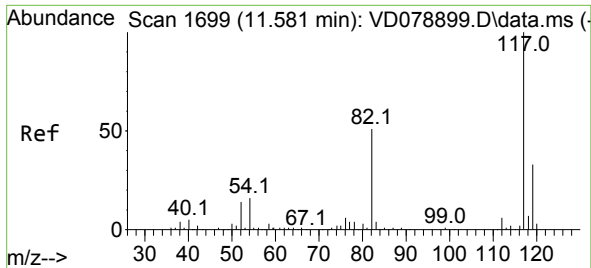
Tgt Ion:107 Resp: 9377
Ion Ratio Lower Upper
107 100
109 96.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 9.163 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 95 Resp: 12476
Ion Ratio Lower Upper
95 100
174 98.4 0.0 195.2
176 95.4 0.0 188.2

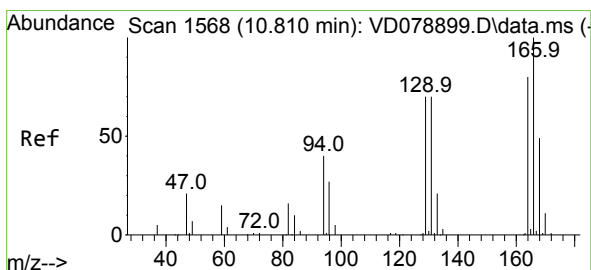
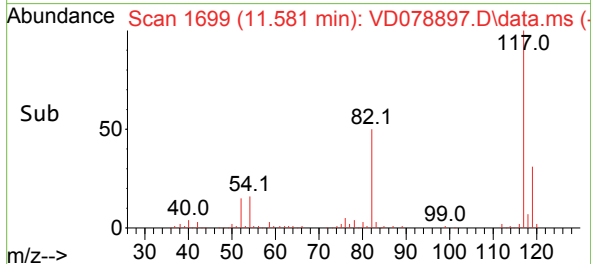
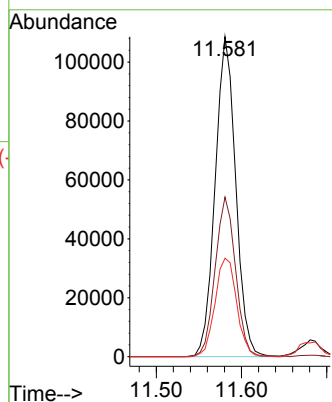
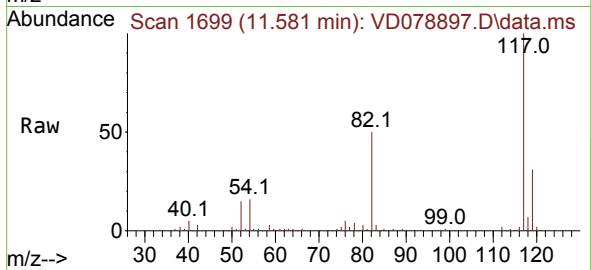




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

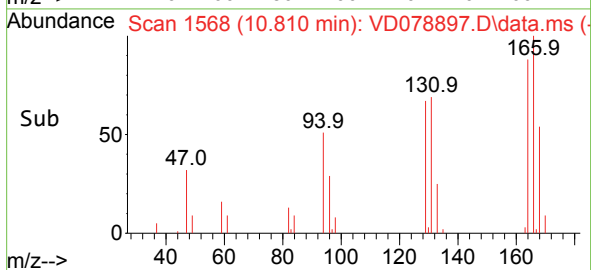
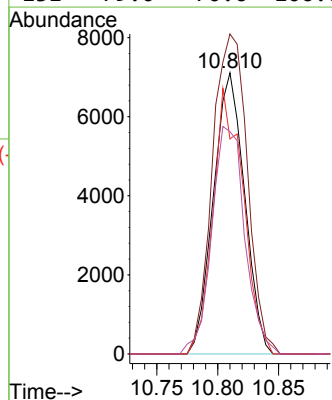
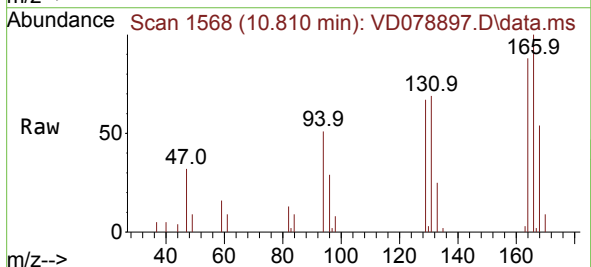
Instrument :
MSVOA_D
ClientSampleId :

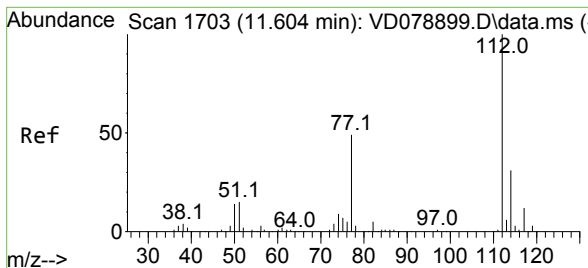
Tgt Ion:117 Resp: 181933
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 30.8 26.5 39.7



#64
Tetrachloroethene
Concen: 10.042 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion:164 Resp: 12661
Ion Ratio Lower Upper
164 100
166 113.8 98.9 148.3
129 76.5 70.3 105.5
131 79.0 70.6 106.0

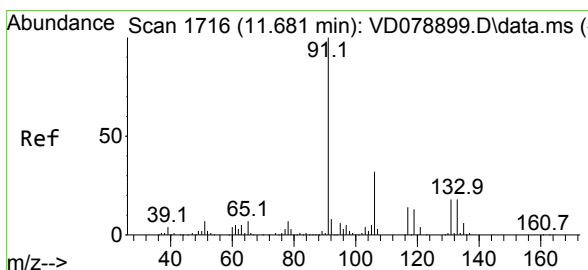
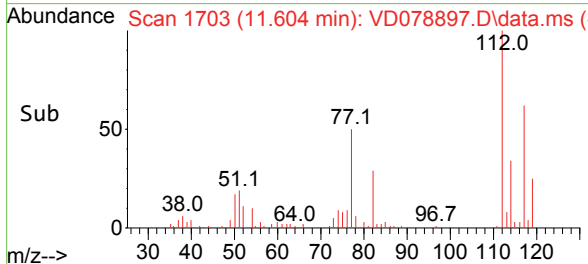
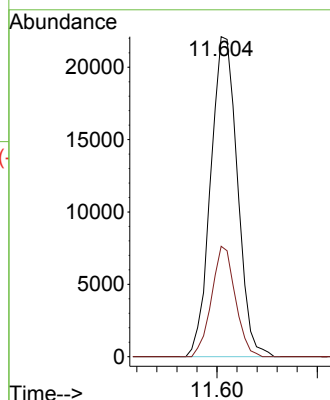
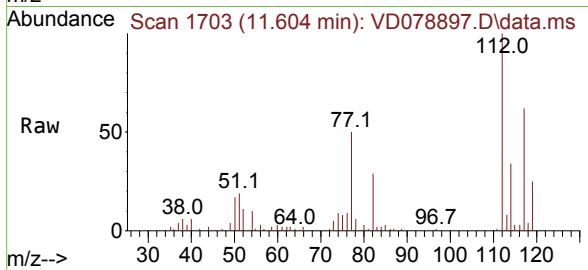




#65
Chlorobenzene
Concen: 10.036 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

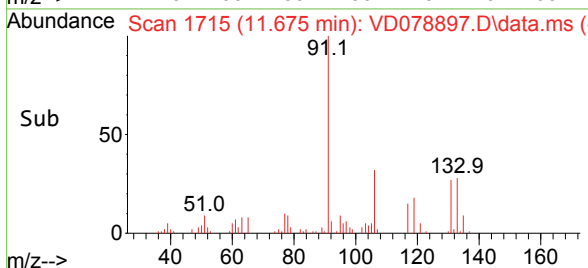
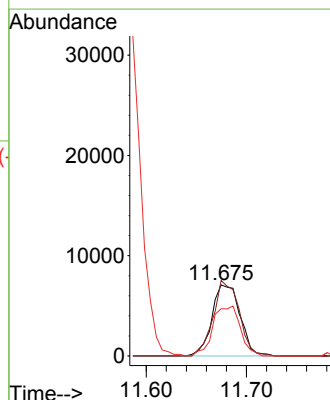
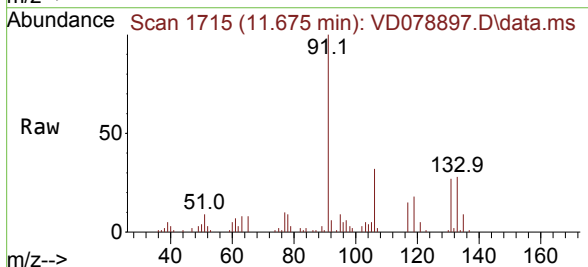
Instrument :
MSVOA_D
ClientSampleId :

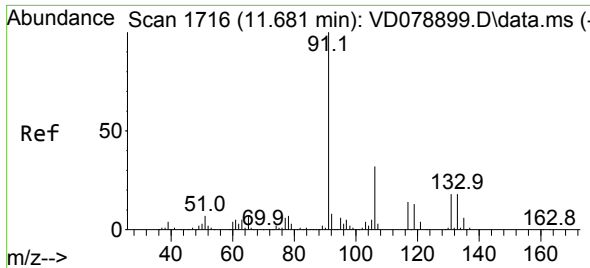
Tgt Ion:112 Resp: 40871
Ion Ratio Lower Upper
112 100
114 34.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.827 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion:131 Resp: 13822
Ion Ratio Lower Upper
131 100
133 98.2 47.6 142.9
119 68.1 34.1 102.3

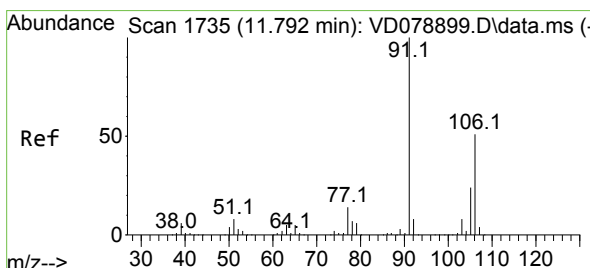
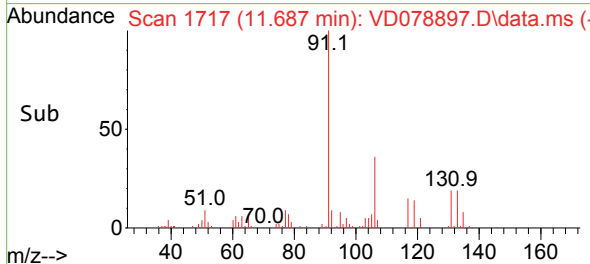
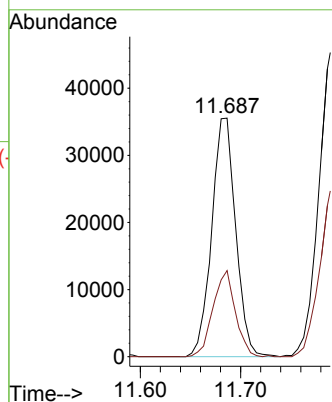
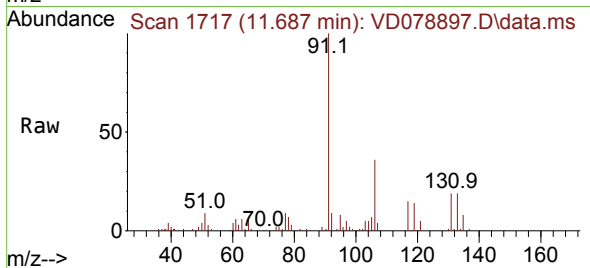




#67
Ethyl Benzene
Concen: 9.096 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

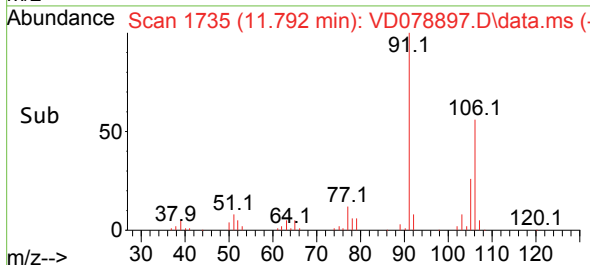
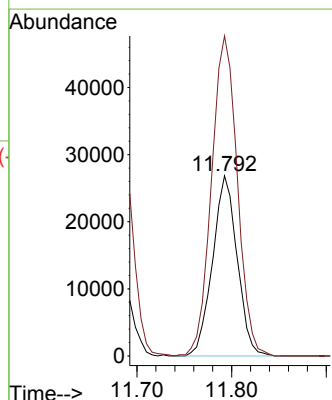
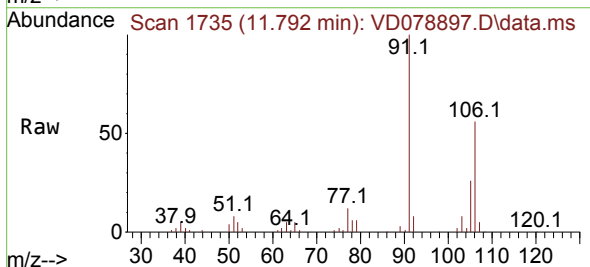
Instrument :
MSVOA_D
ClientSampleId :

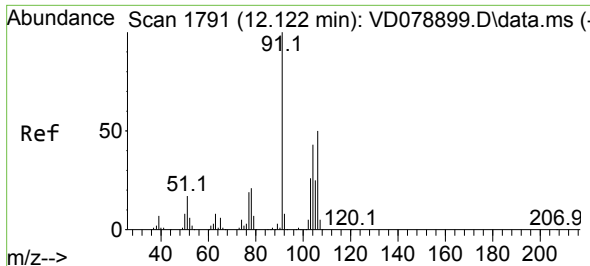
Tgt Ion: 91 Resp: 59130
Ion Ratio Lower Upper
91 100
106 36.1 24.5 36.7



#68
m/p-Xylenes
Concen: 18.127 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion:106 Resp: 48460
Ion Ratio Lower Upper
106 100
91 186.6 154.4 231.6

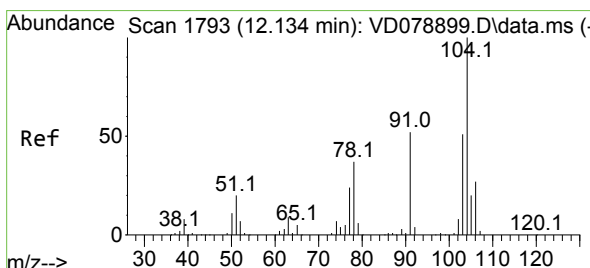
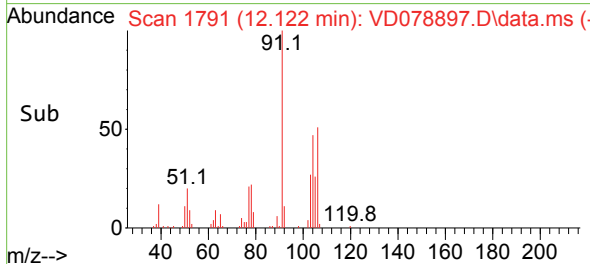
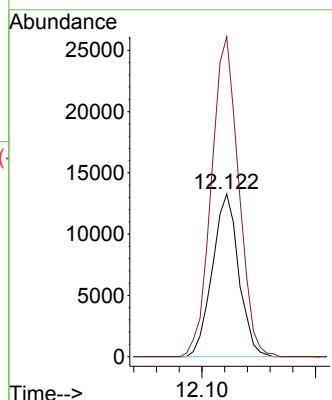
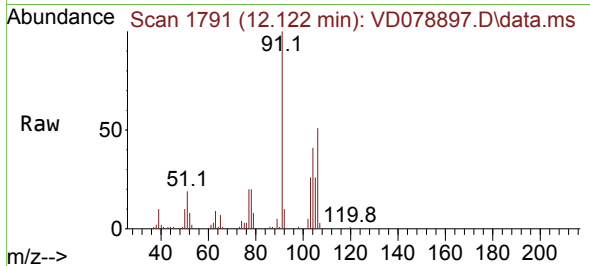




#69
o-Xylene
Concen: 8.845 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

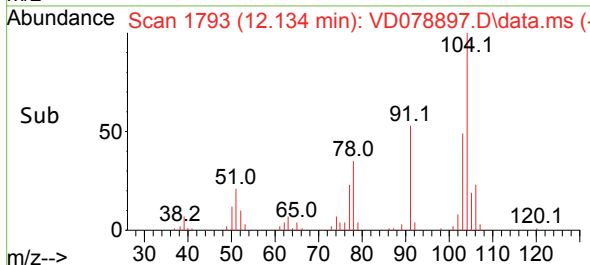
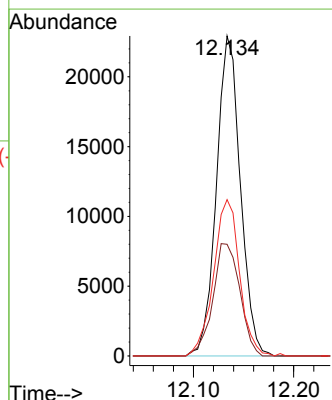
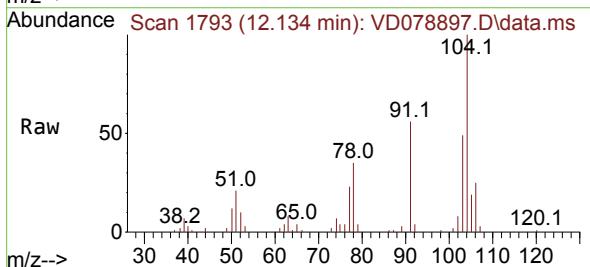
Instrument :
MSVOA_D
ClientSampleId :

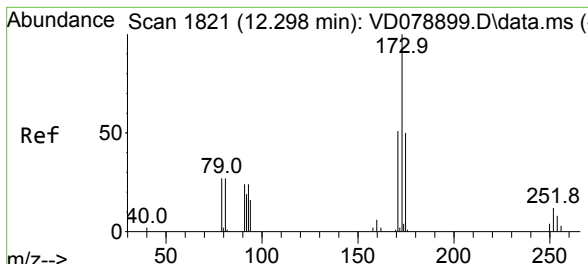
Tgt Ion:106 Resp: 21375
Ion Ratio Lower Upper
106 100
91 203.4 99.6 298.7



#70
Styrene
Concen: 8.870 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion:104 Resp: 38007
Ion Ratio Lower Upper
104 100
78 39.6 34.6 52.0
103 53.1 44.2 66.2

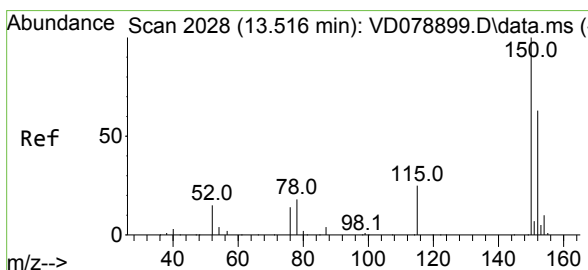
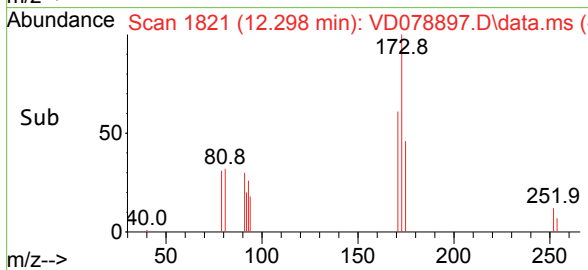
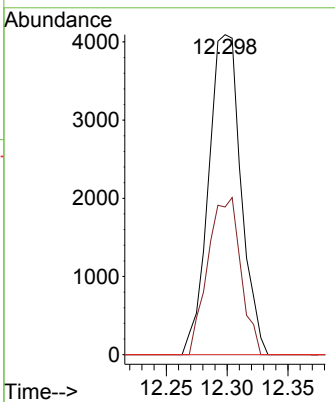
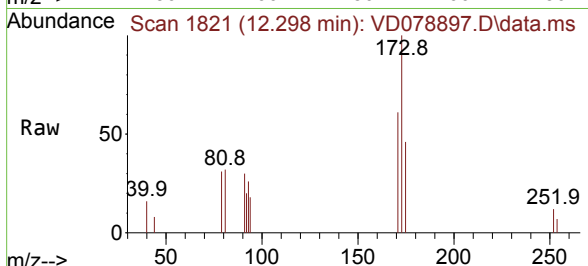




#71
 Bromoform
 Concen: 10.033 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

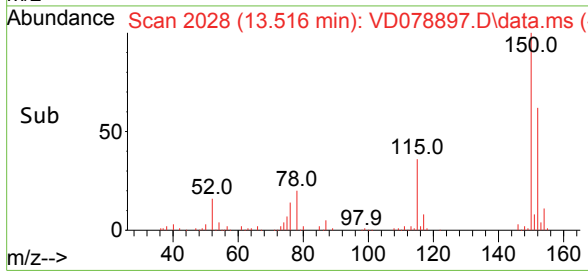
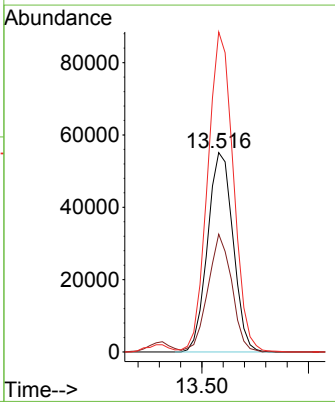
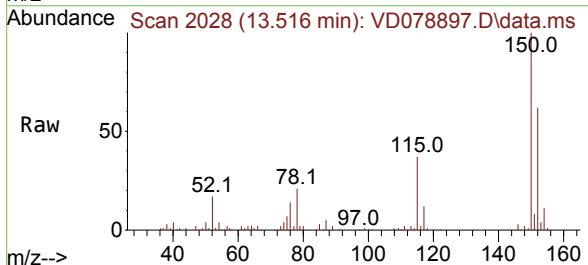
Instrument :
 MSVOA_D
 ClientSampleId :

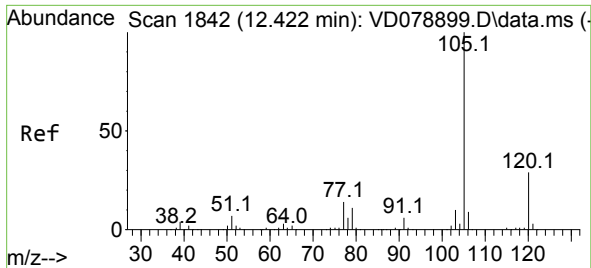
Tgt Ion:	173	Resp:	7603
Ion Ratio	Lower	Upper	
173	100		
175	49.6	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

Tgt Ion:	152	Resp:	91634
Ion Ratio	Lower	Upper	
152	100		
115	55.3	27.1	81.2
150	161.6	0.0	350.2

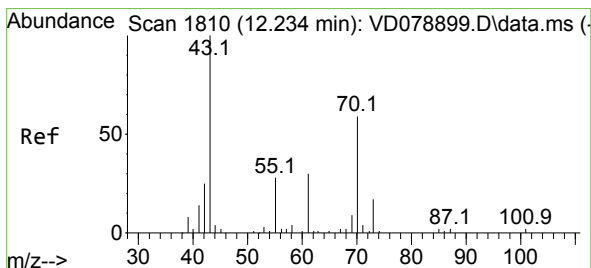
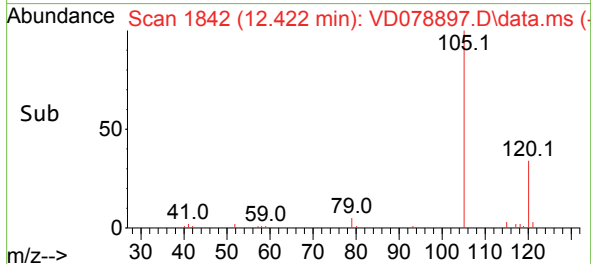
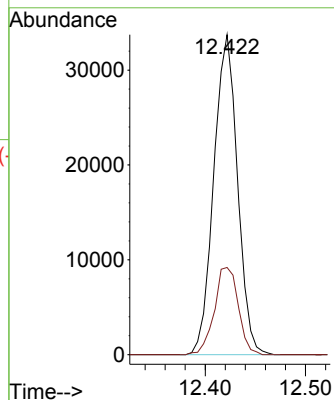
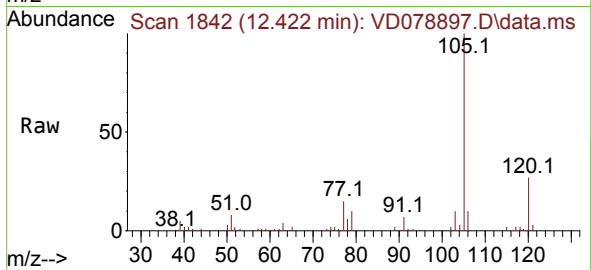




#73
Isopropylbenzene
Concen: 9.398 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

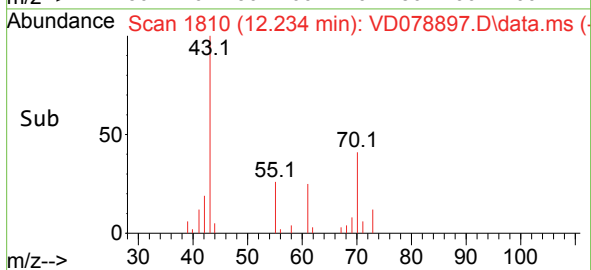
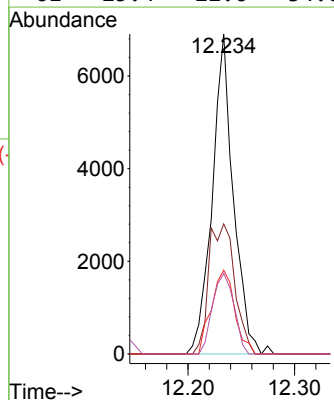
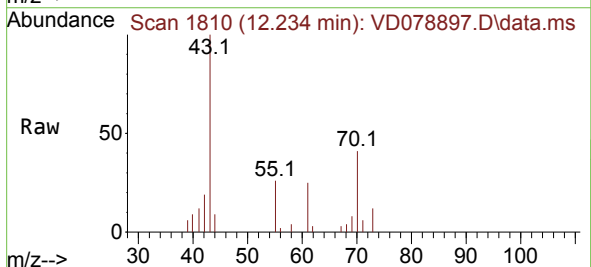
Instrument :
MSVOA_D
ClientSampleId :

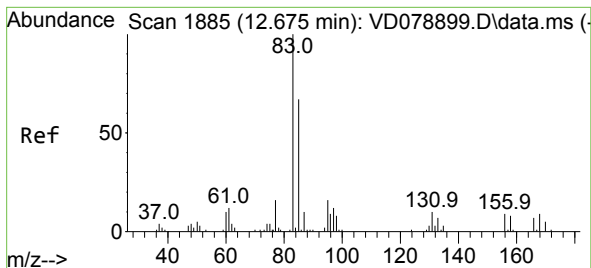
Tgt Ion:105 Resp: 55430
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0



#74
N-ethyl acetate
Concen: 10.323 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 43 Resp: 9554
Ion Ratio Lower Upper
43 100
70 49.7 42.1 63.1
55 28.7 22.6 33.8
61 25.4 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.546 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

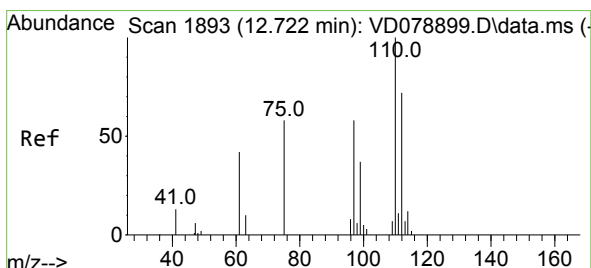
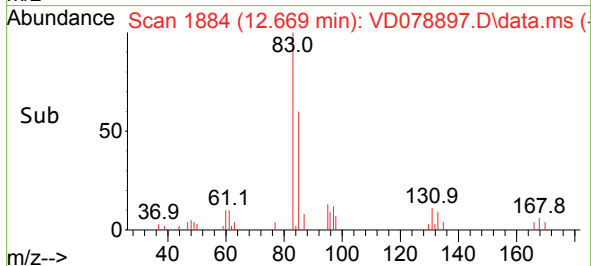
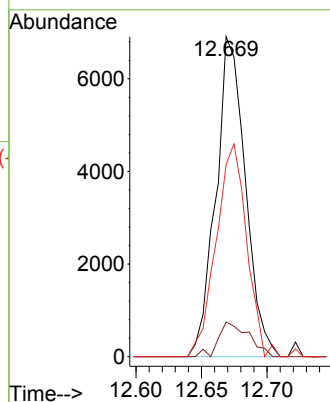
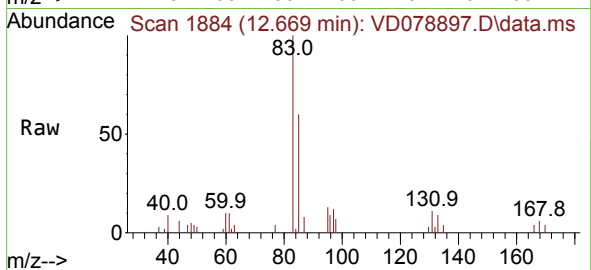
Tgt Ion: 83 Resp: 10809

Ion Ratio Lower Upper

83 100

131 11.2 4.9 14.7

85 68.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 18.787 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078897.D

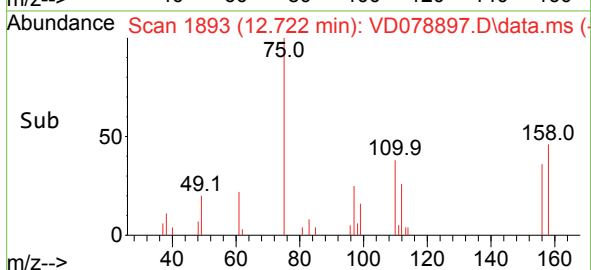
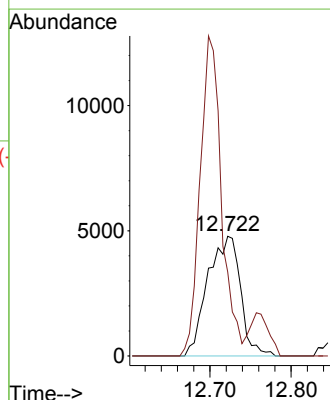
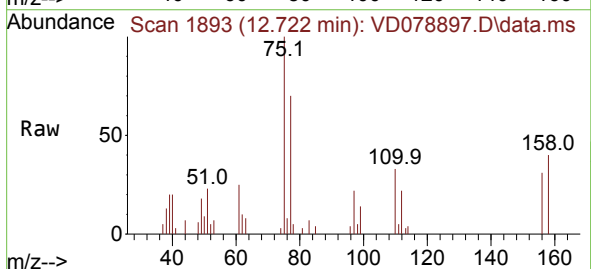
Acq: 10 May 2024 16:20

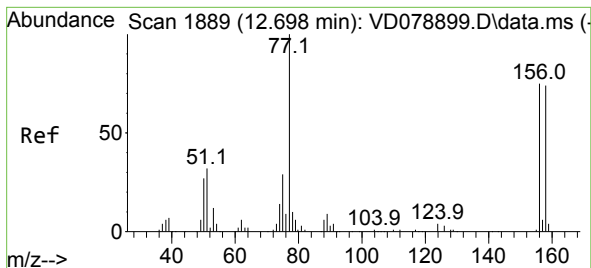
Tgt Ion: 75 Resp: 13399

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.631 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

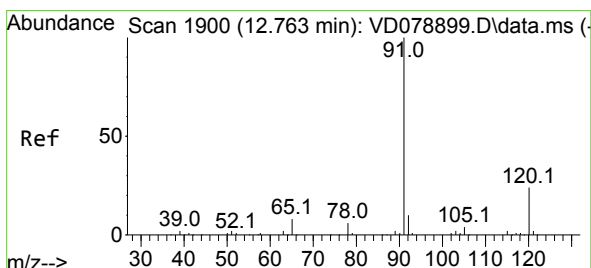
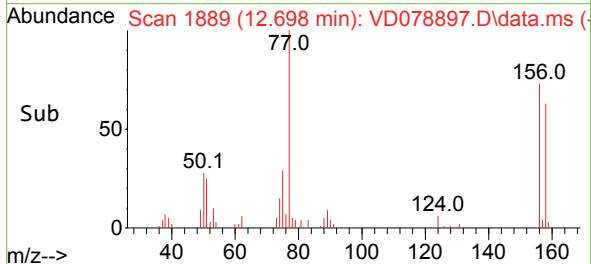
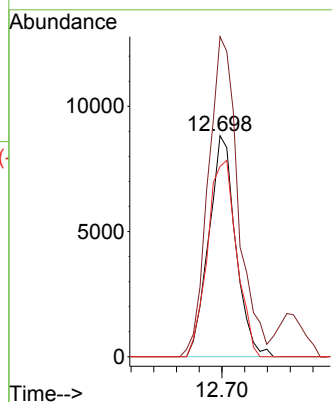
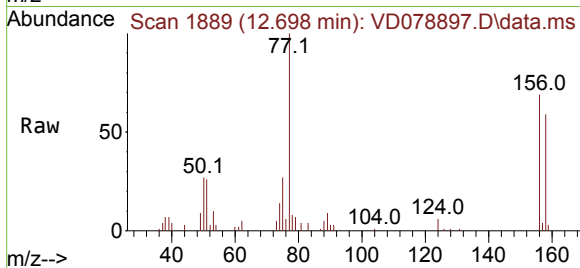
Tgt Ion:156 Resp: 14487

Ion Ratio Lower Upper

156 100

77 161.2 79.1 237.3

158 96.2 47.0 141.0



#78

n-propylbenzene

Concen: 9.432 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078897.D

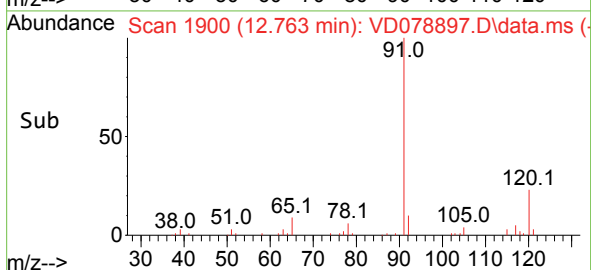
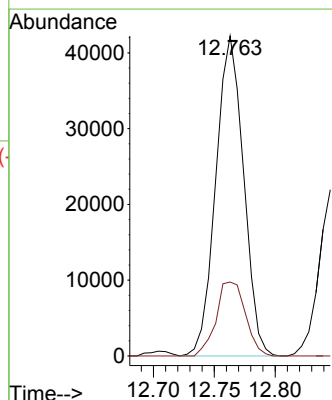
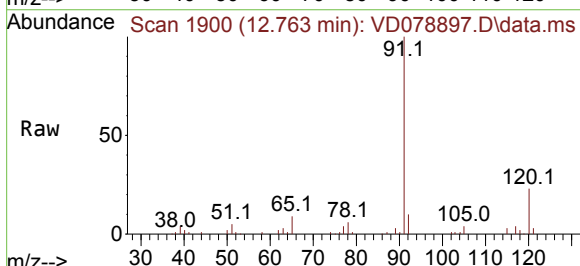
Acq: 10 May 2024 16:20

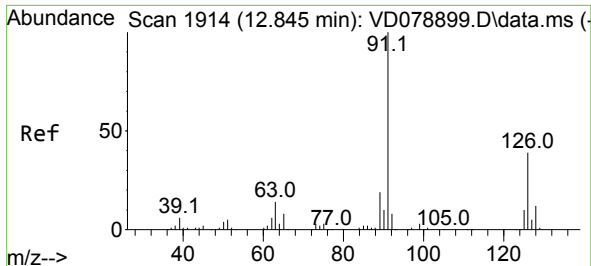
Tgt Ion: 91 Resp: 66987

Ion Ratio Lower Upper

91 100

120 24.4 11.7 35.1

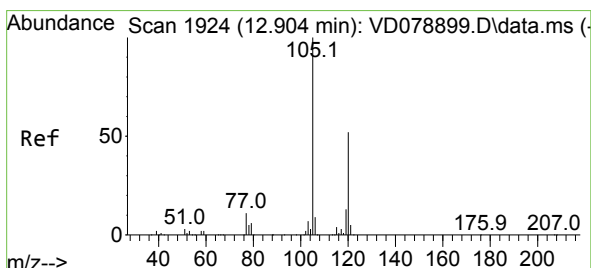
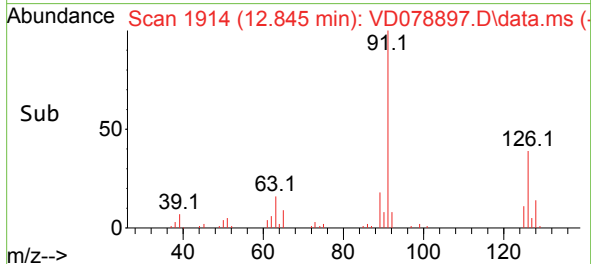
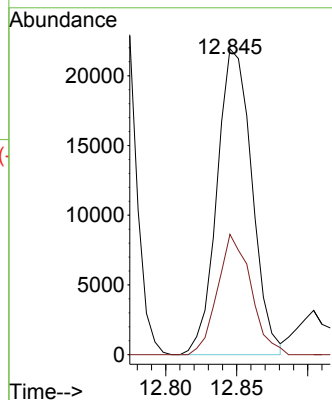
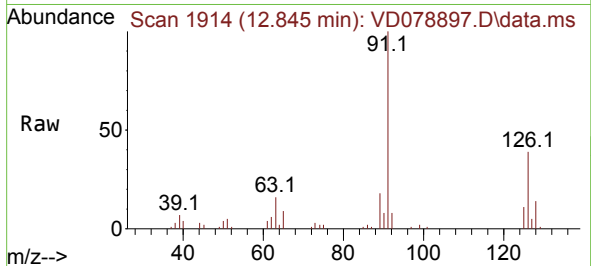




#79
2-Chlorotoluene
Concen: 9.665 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

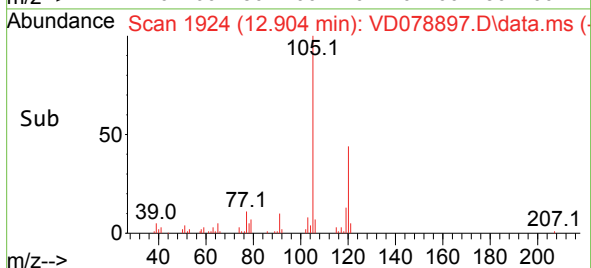
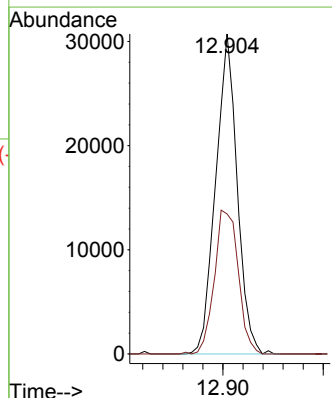
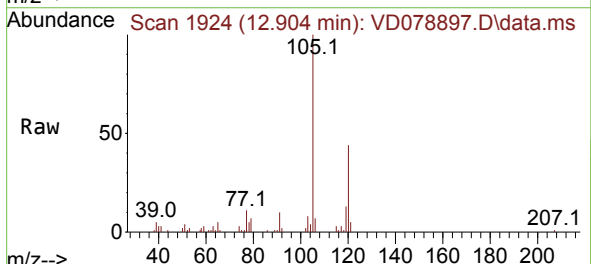
Instrument :
MSVOA_D
ClientSampleId :

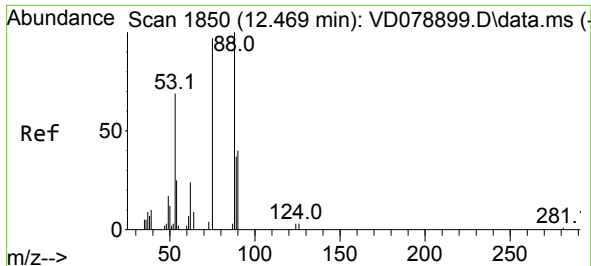
Tgt Ion: 91 Resp: 37547
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 9.298 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Tgt Ion: 105 Resp: 45655
Ion Ratio Lower Upper
105 100
120 49.9 25.9 77.7

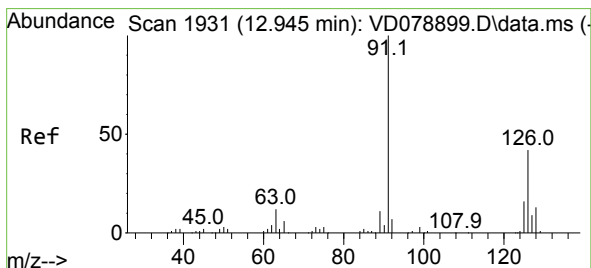
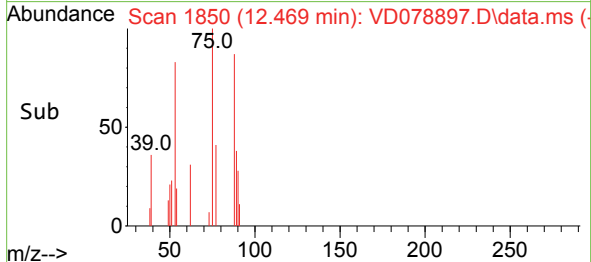
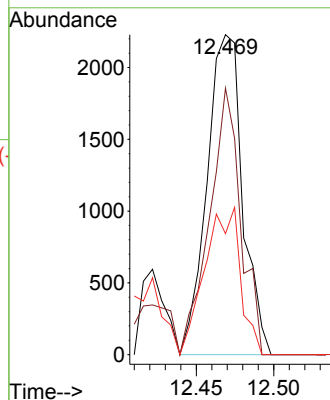
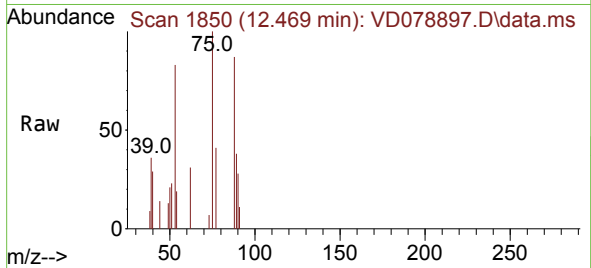




#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.245 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

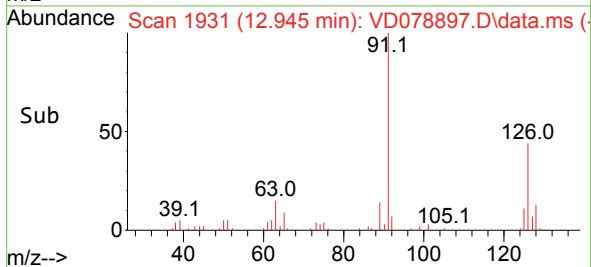
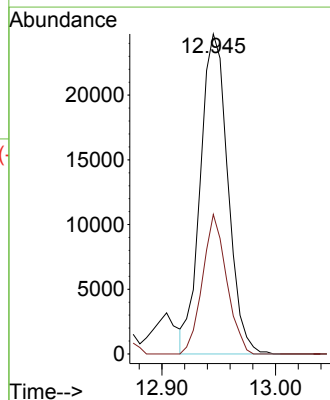
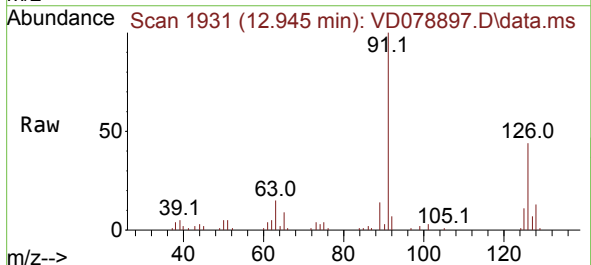
Instrument :
 MSVOA_D
 ClientSampleId :

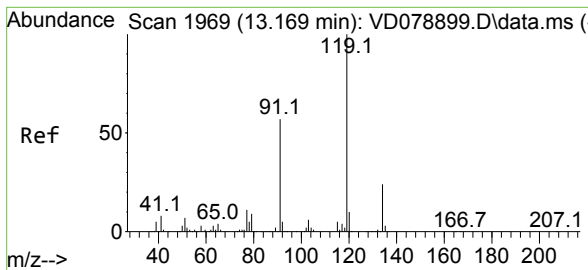
Tgt Ion: 75 Resp: 3565
 Ion Ratio Lower Upper
 75 100
 53 73.2 61.0 91.6
 89 45.7 35.4 53.0



#82
 4-Chlorotoluene
 Concen: 9.810 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

Tgt Ion: 91 Resp: 41542
 Ion Ratio Lower Upper
 91 100
 126 38.3 18.9 56.5

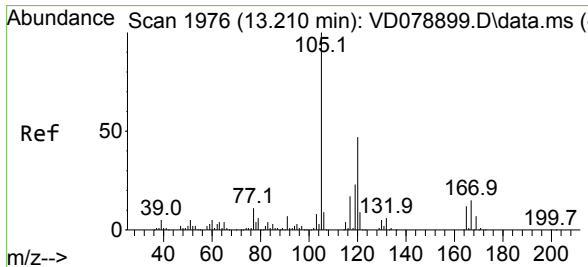
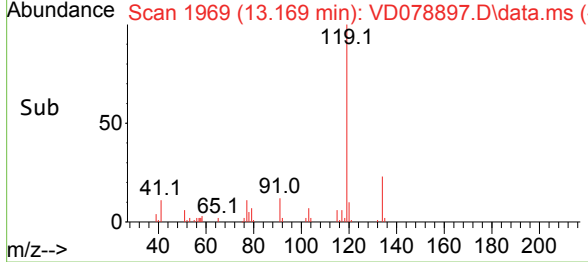
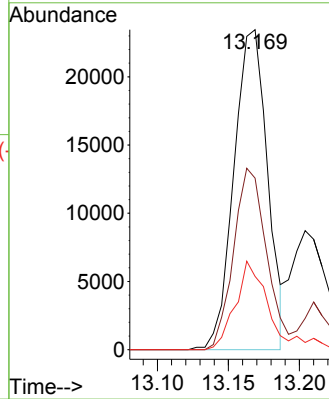
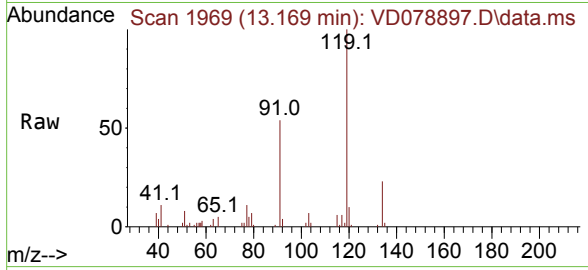




#83
 tert-Butylbenzene
 Concen: 8.830 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

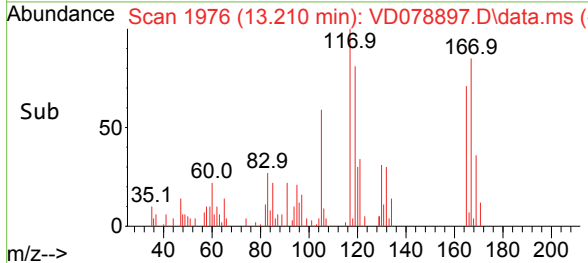
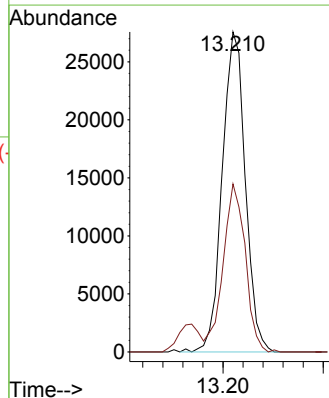
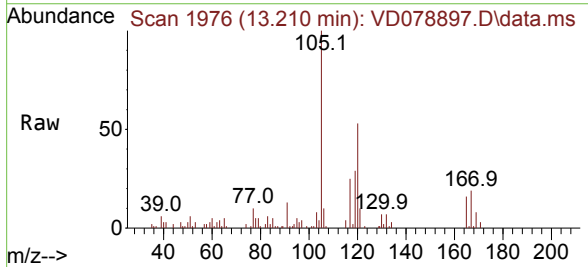
Instrument :
 MSVOA_D
 ClientSampleId :

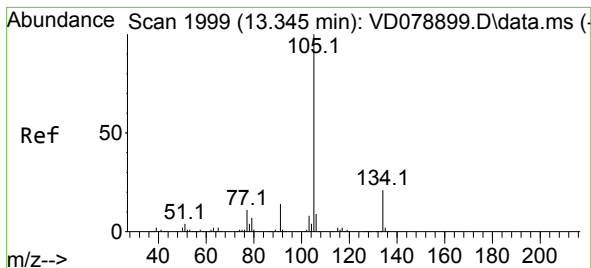
Tgt Ion:	119	Resp:	38576
Ion Ratio	Lower	Upper	
119	100		
91	55.6	28.9	86.7
134	28.0	13.6	40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 8.880 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

Tgt Ion:	105	Resp:	43984
Ion Ratio	Lower	Upper	
105	100		
120	50.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 9.278 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

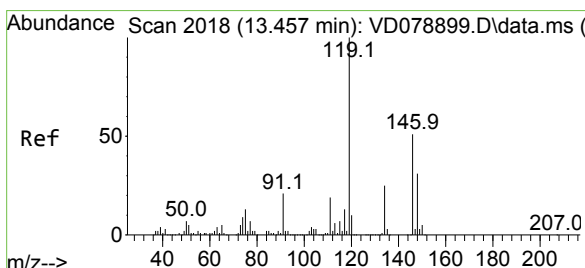
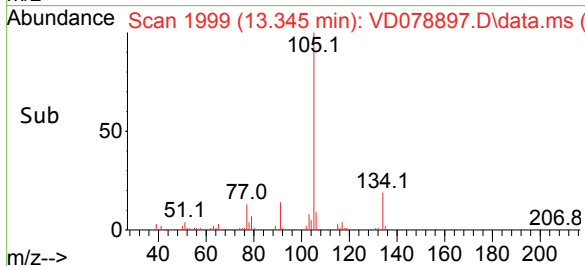
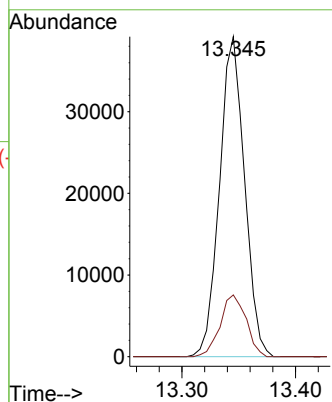
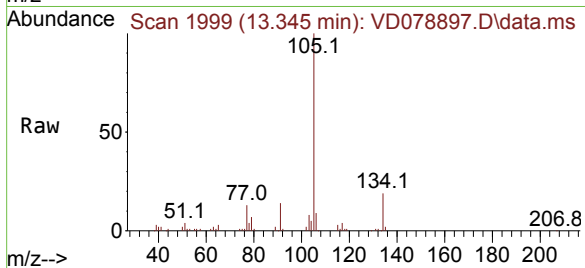
ClientSampleId :

Tgt Ion:105 Resp: 59903

Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 8.920 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

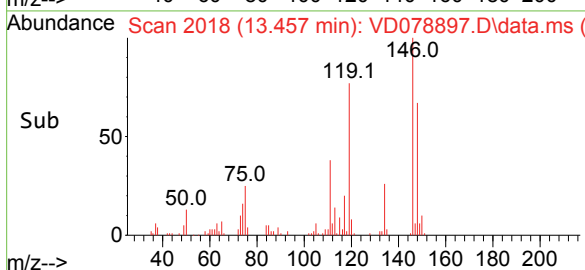
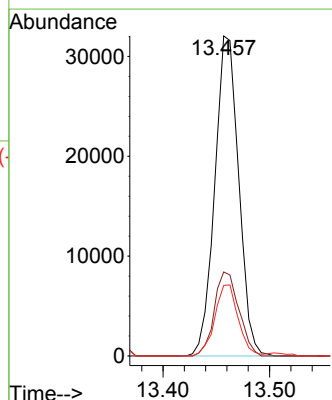
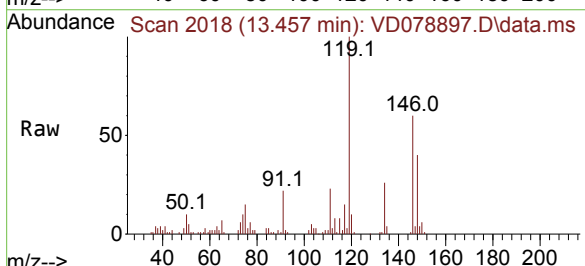
Tgt Ion:119 Resp: 49988

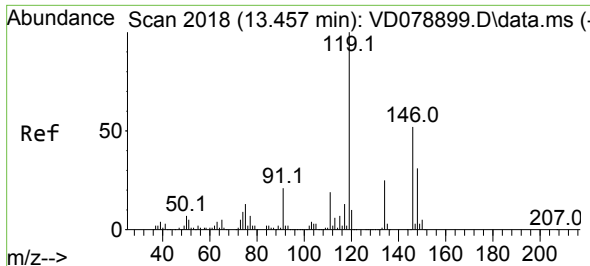
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 21.8 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 9.654 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

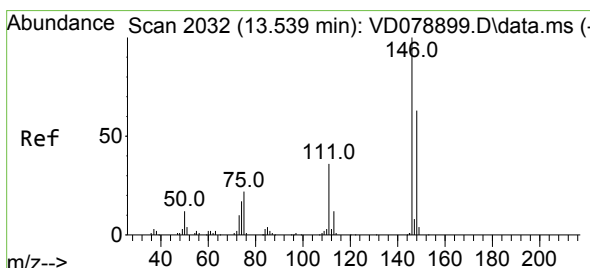
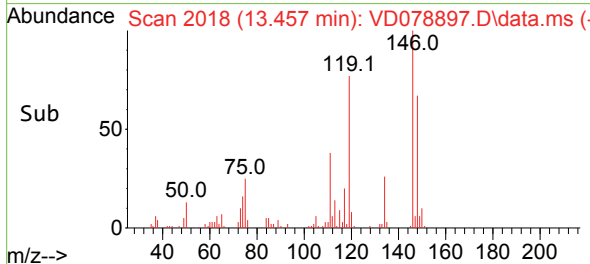
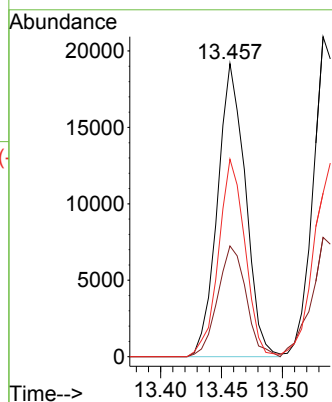
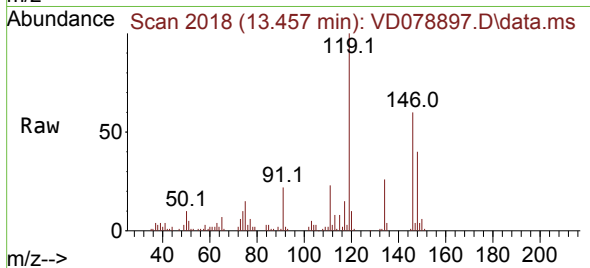
Tgt Ion:146 Resp: 30562

Ion Ratio Lower Upper

146 100

111 38.4 18.2 54.6

148 64.1 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 10.419 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

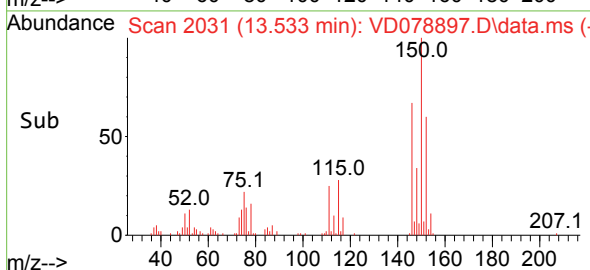
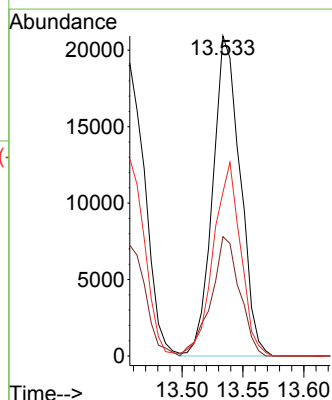
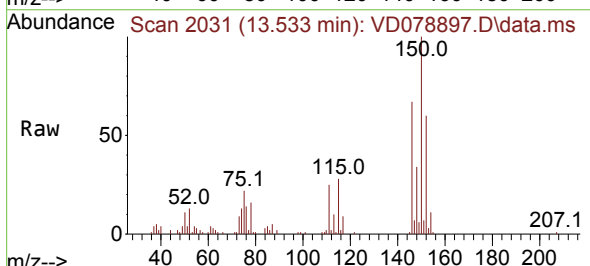
Tgt Ion:146 Resp: 32810

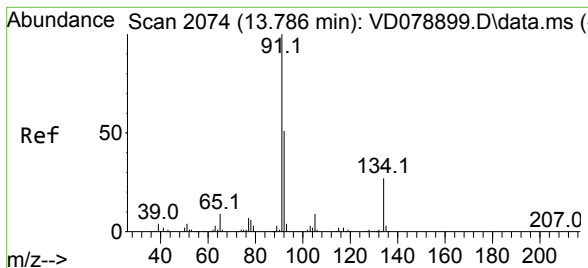
Ion Ratio Lower Upper

146 100

111 39.0 17.8 53.3

148 60.2 32.4 97.0





#89

n-Butylbenzene

Concen: 9.158 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078897.D

Acq: 10 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

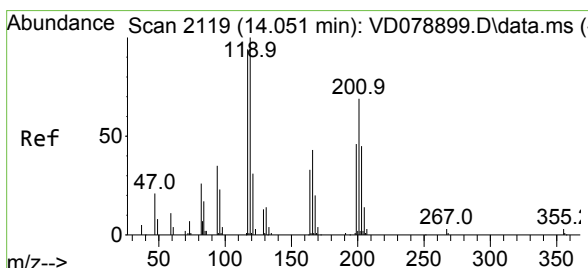
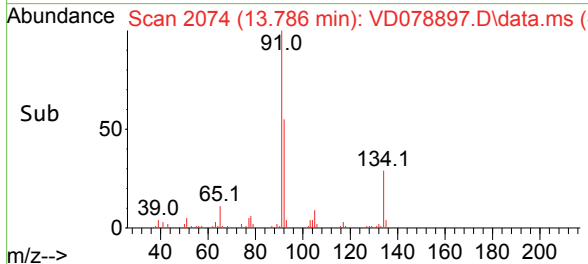
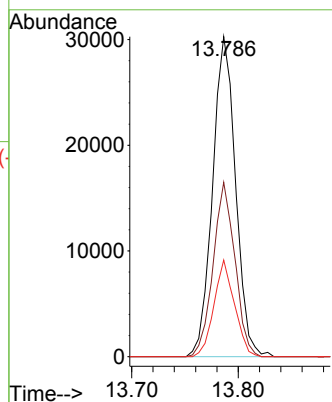
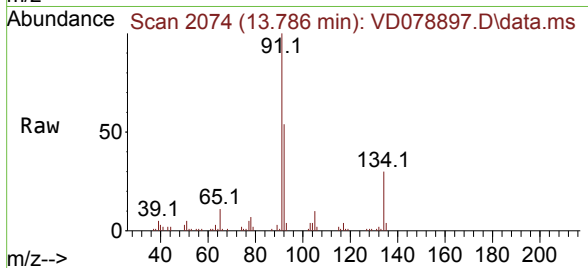
Tgt Ion: 91 Resp: 45325

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

134 27.0 13.0 38.9



#90

Hexachloroethane

Concen: 10.733 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078897.D

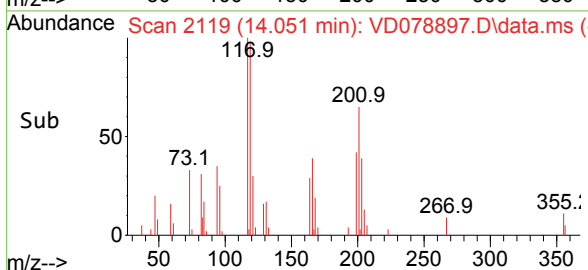
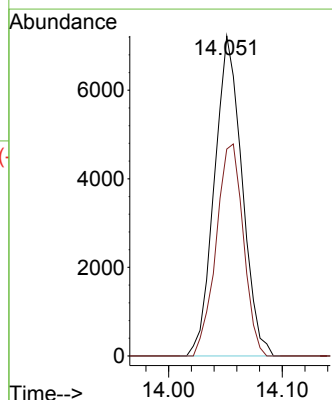
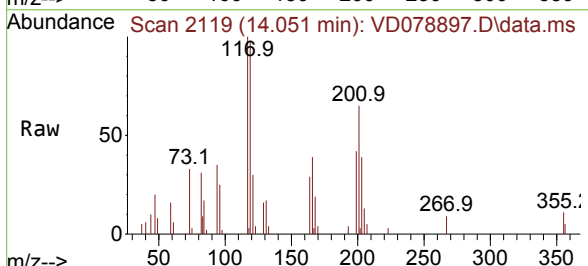
Acq: 10 May 2024 16:20

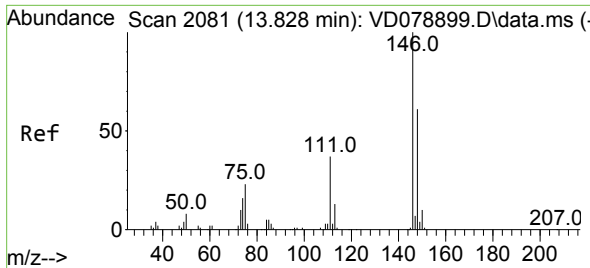
Tgt Ion: 117 Resp: 12197

Ion Ratio Lower Upper

117 100

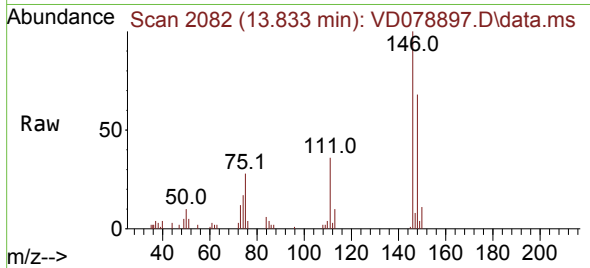
201 65.3 36.2 108.6



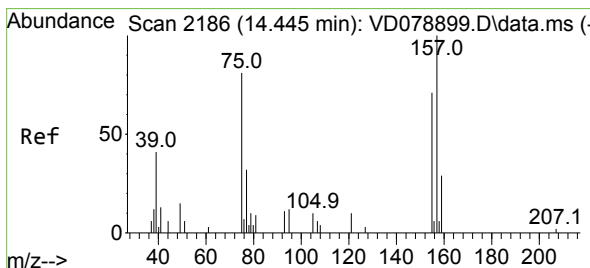
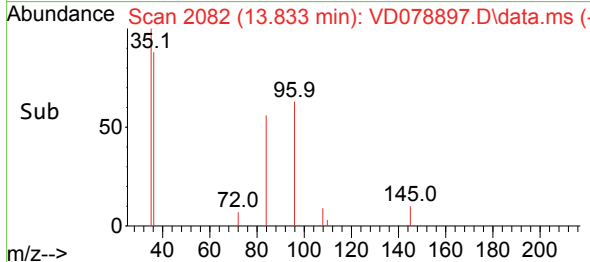
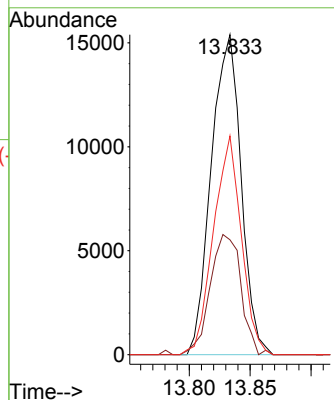


#91
1,2-Dichlorobenzene
Concen: 9.705 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

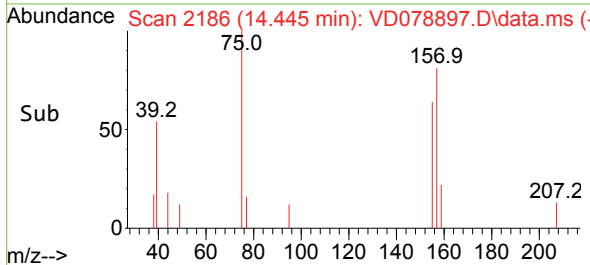
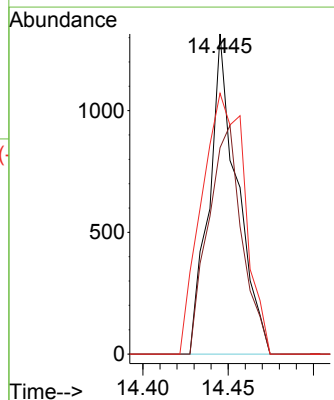
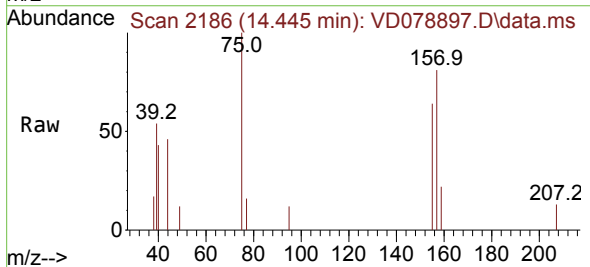


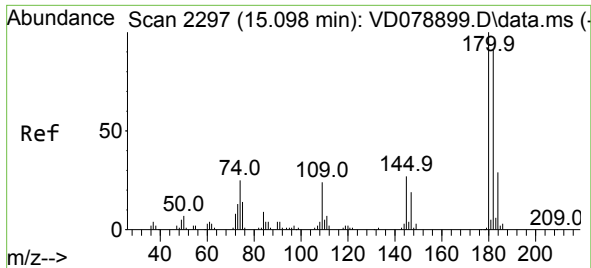
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.6	56.0
148	63.8	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.687 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

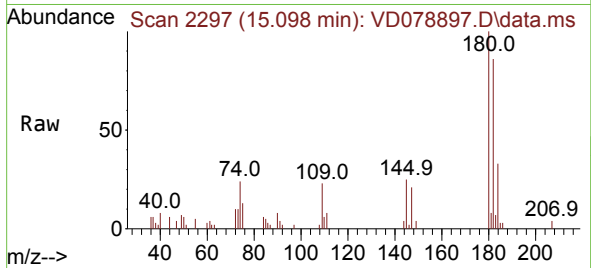
Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	49.8	149.3
157	125.2	65.5	196.3



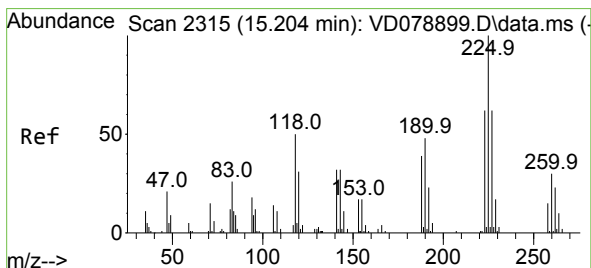
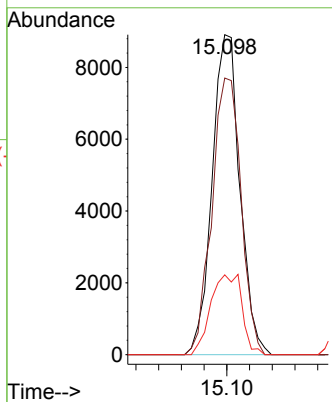
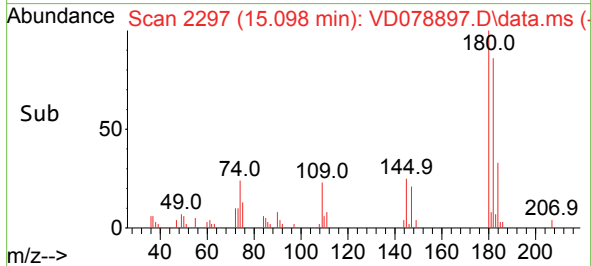


#93
1,2,4-Trichlorobenzene
Concen: 9.598 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

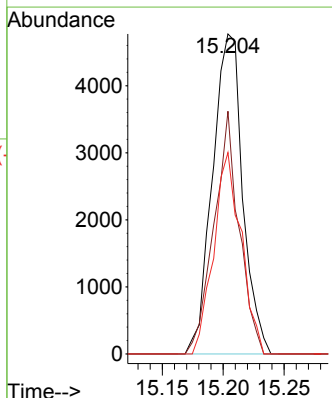
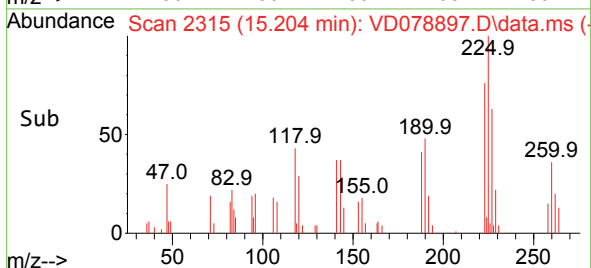
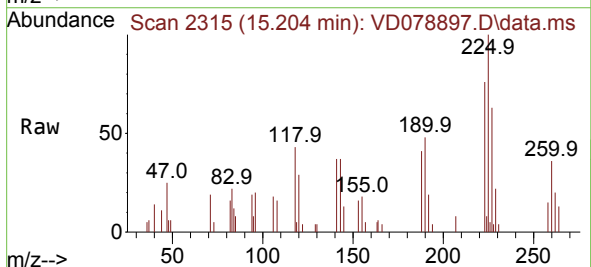


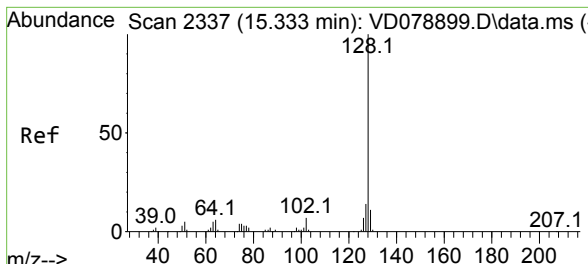
Tgt Ion:180 Resp: 15127
Ion Ratio Lower Upper
180 100
182 90.8 49.7 149.1
145 28.1 14.6 44.0



#94
Hexachlorobutadiene
Concen: 9.699 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078897.D
Acq: 10 May 2024 16:20

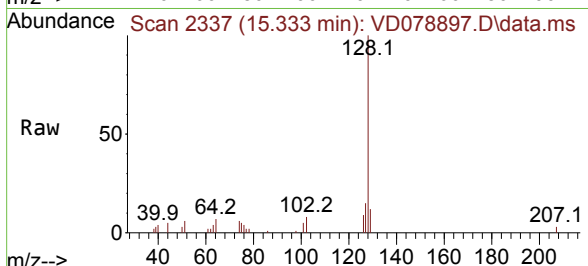
Tgt Ion:225 Resp: 8244
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 57.1 32.0 96.0



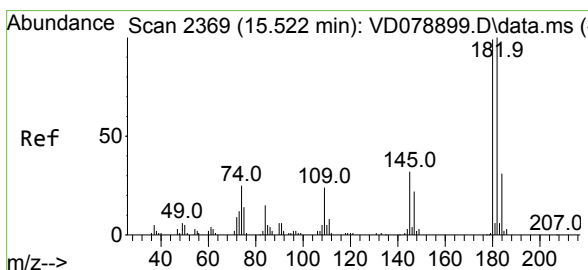
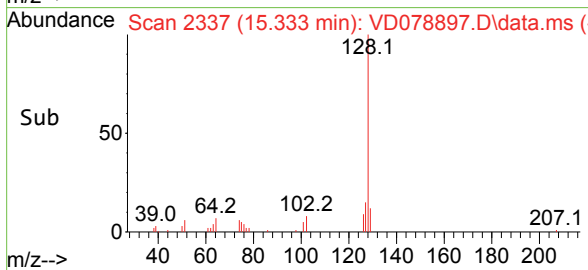
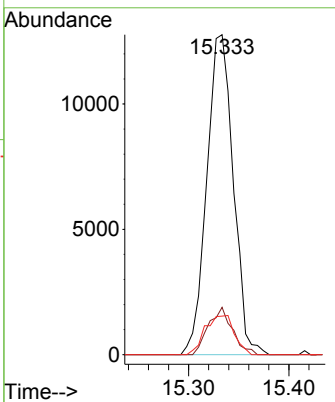


#95
 Naphthalene
 Concen: 8.480 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. -0.000 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

Instrument : MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	23463
Ion Ratio	100	Lower	Upper
127	14.8	9.3	13.9#
129	12.1	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 9.345 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD078897.D
 Acq: 10 May 2024 16:20

Tgt Ion:	180	Resp:	12848
Ion Ratio	100	Lower	Upper
182	95.3	46.7	140.1
145	29.0	14.4	43.4

