

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078371.D
 Acq On : 08 Feb 2024 16:05
 Operator : RP/MD
 Sample : VD0208SBS02
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:10:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114617	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	211067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50634	35.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.380%
35) Dibromofluoromethane	7.810	113	52385	34.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.720%
50) Toluene-d8	10.269	98	189471	33.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.600%
62) 4-Bromofluorobenzene	12.569	95	58126	34.117	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	22387	15.824	ug/l	95
3) Chloromethane	2.146	50	41061	17.222	ug/l	98
4) Vinyl Chloride	2.281	62	52848	16.803	ug/l	98
5) Bromomethane	2.675	94	29078	15.272	ug/l	99
6) Chloroethane	2.828	64	36953	17.011	ug/l	98
7) Trichlorofluoromethane	3.158	101	43832	16.461	ug/l	86
8) Diethyl Ether	3.587	74	13470	17.100	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.952	101	26571	16.260	ug/l	97
10) Methyl Iodide	4.158	142	19548	13.150	ug/l	# 83
11) Tert butyl alcohol	5.069	59	10233	113.066	ug/l	98
12) 1,1-Dichloroethene	3.934	96	23937	15.181	ug/l	# 75
13) Acrolein	3.787	56	8160	71.616	ug/l	95
14) Allyl chloride	4.558	41	32970	15.859	ug/l	86
15) Acrylonitrile	5.252	53	29362	84.332	ug/l	96
16) Acetone	4.022	43	35957	99.230	ug/l	# 80
17) Carbon Disulfide	4.269	76	67650	12.709	ug/l	# 95
18) Methyl Acetate	4.564	43	12269	16.223	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	56220	17.144	ug/l	98
20) Methylene Chloride	4.799	84	34481	18.258	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	27421	15.381	ug/l	91
22) Diisopropyl ether	6.222	45	78350	17.712	ug/l	94
23) Vinyl Acetate	6.158	43	234675	86.954	ug/l	# 87
24) 1,1-Dichloroethane	6.105	63	51329	16.761	ug/l	91
25) 2-Butanone	7.087	43	44685	94.512	ug/l	88
26) 2,2-Dichloropropane	7.069	77	42597	17.028	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	32697	16.548	ug/l	93
28) Bromochloromethane	7.422	49	16696	15.286	ug/l	81
29) Tetrahydrofuran	7.440	42	22331	88.289	ug/l	# 82
30) Chloroform	7.599	83	55913	17.857	ug/l	99
31) Cyclohexane	7.875	56	38246	14.393	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	44910	16.643	ug/l	99
36) 1,1-Dichloropropene	8.005	75	39202	15.733	ug/l	94
37) Ethyl Acetate	7.169	43	17086	17.816	ug/l	# 92
38) Carbon Tetrachloride	7.987	117	40277	16.439	ug/l	88
39) Methylcyclohexane	9.269	83	40993	13.915	ug/l	# 90
40) Benzene	8.252	78	119450	16.429	ug/l	97

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 ClientSampleId :

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7987	15.491	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	33122	17.565	ug/l	94
43) Isopropyl Acetate	8.357	43	30870	17.953	ug/l #	78
44) Trichloroethene	9.022	130	29090	16.294	ug/l	88
45) 1,2-Dichloropropane	9.304	63	29459	16.572	ug/l	91
46) Dibromomethane	9.393	93	16698	16.930	ug/l #	87
47) Bromodichloromethane	9.587	83	42022	17.317	ug/l #	99
48) Methyl methacrylate	9.375	41	14514	17.664	ug/l #	76
49) 1,4-Dioxane	9.387	88	4089	369.582	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	85076	91.460	ug/l	87
52) Toluene	10.334	92	73793	16.733	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	37425	16.512	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	44633	16.633	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	23392	18.175	ug/l	94
56) Ethyl methacrylate	10.599	69	24637	16.876	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	38072	17.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	46105	69.447	ug/l	94
59) 2-Hexanone	10.922	43	66067	94.305	ug/l	87
60) Dibromochloromethane	11.069	129	28055	18.778	ug/l	96
61) 1,2-Dibromoethane	11.175	107	21192	17.440	ug/l	100
64) Tetrachloroethene	10.810	164	21493	15.894	ug/l	88
65) Chlorobenzene	11.604	112	79118	17.056	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	28739	17.401	ug/l	94
67) Ethyl Benzene	11.681	91	134101	15.960	ug/l	97
68) m/p-Xylenes	11.793	106	104679	32.382	ug/l	89
69) o-Xylene	12.116	106	49403	16.630	ug/l	93
70) Styrene	12.134	104	86231	16.997	ug/l	95
71) Bromoform	12.293	173	15608	19.188	ug/l #	96
73) Isopropylbenzene	12.422	105	127804	16.285	ug/l	94
74) N-amyl acetate	12.234	43	28466	17.538	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	29193	19.263	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	31477	32.469	ug/l #	100
77) Bromobenzene	12.698	156	29214	16.916	ug/l	84
78) n-propylbenzene	12.757	91	167027	17.086	ug/l	94
79) 2-Chlorotoluene	12.845	91	89392	17.082	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	109309	17.121	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	8817	18.088	ug/l	90
82) 4-Chlorotoluene	12.945	91	94507	16.940	ug/l	92
83) tert-Butylbenzene	13.163	119	89550	16.438	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	108408	16.783	ug/l	96
85) sec-Butylbenzene	13.340	105	141900	16.597	ug/l	96
86) p-Isopropyltoluene	13.457	119	116227	16.597	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	63049	17.573	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	62077	17.488	ug/l	93
89) n-Butylbenzene	13.787	91	116037	17.005	ug/l	97
90) Hexachloroethane	14.051	117	25260	18.060	ug/l	81
91) 1,2-Dichlorobenzene	13.828	146	55720	18.154	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3628	17.077	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	31074	17.503	ug/l	98
94) Hexachlorobutadiene	15.198	225	15398	17.700	ug/l	92
95) Naphthalene	15.328	128	60205	17.008	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	28297	18.102	ug/l	99

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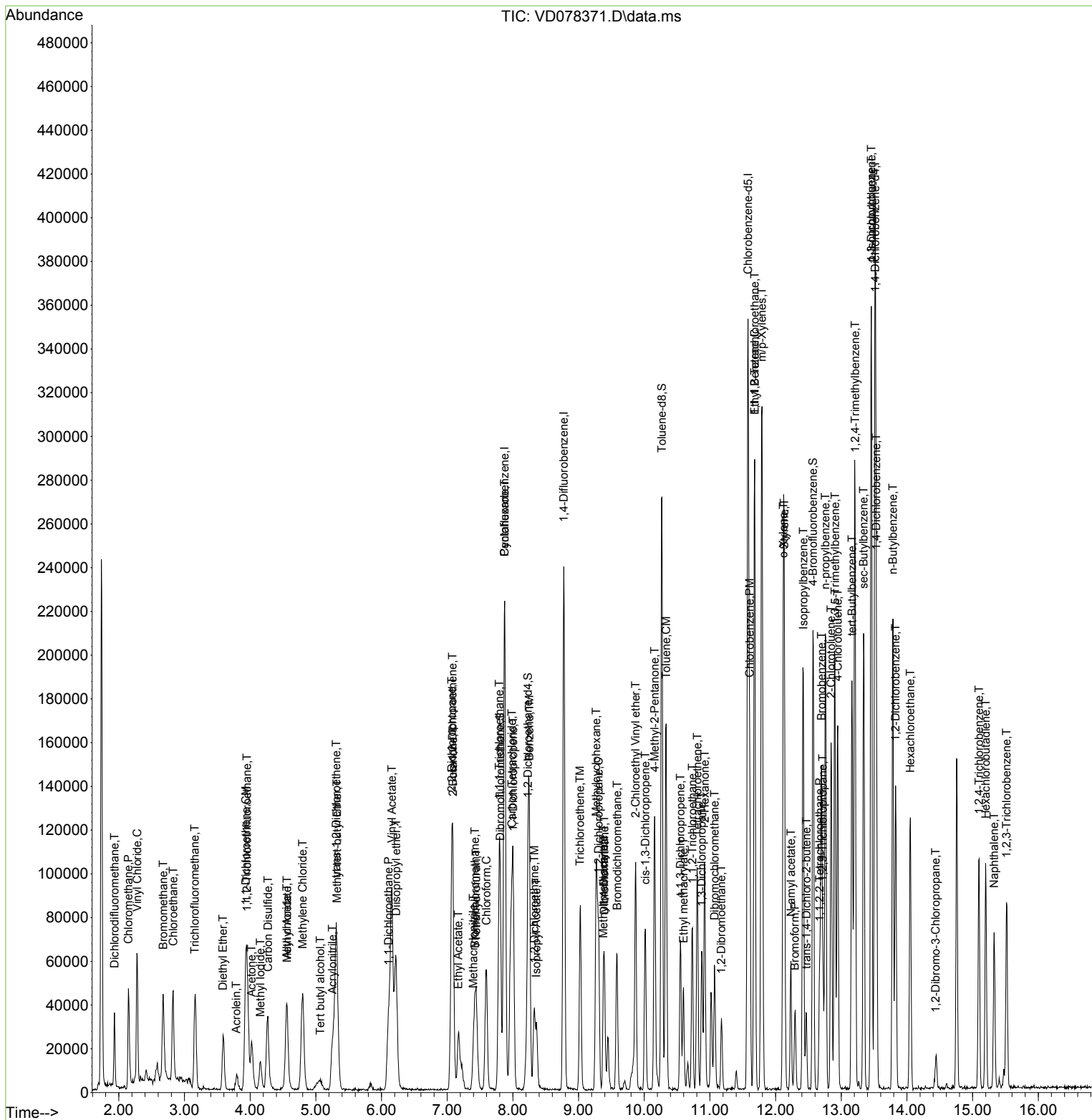
Instrument :
MSVOA_D
ClientSampleId :

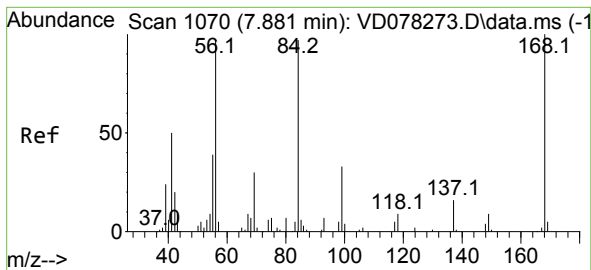
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078371.D

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Instrument :

MSVOA_D

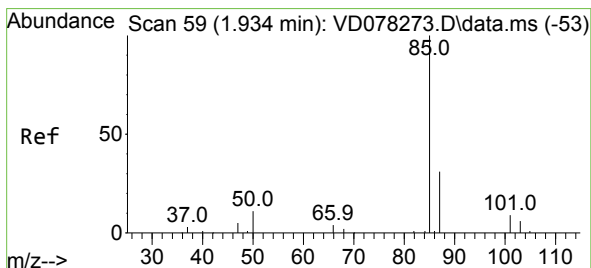
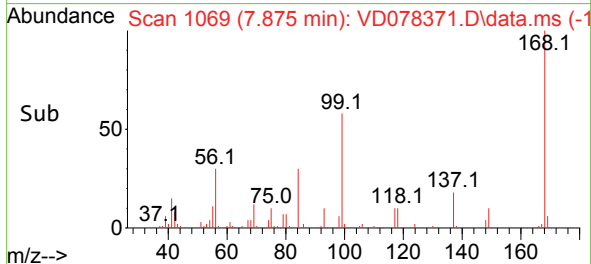
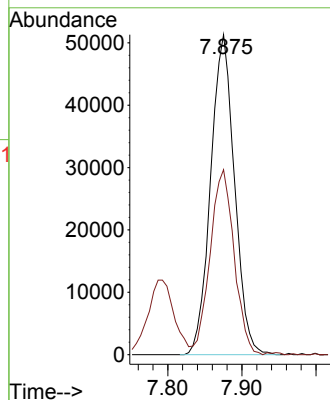
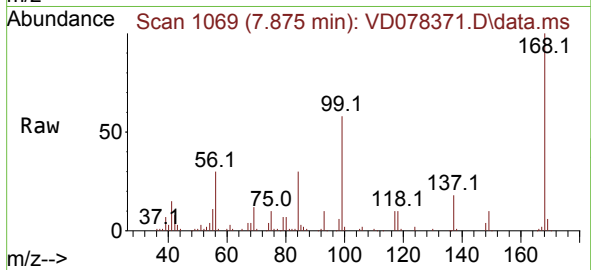
ClientSampleId :

Tgt Ion:168 Resp: 114617

Ion Ratio Lower Upper

168 100

99 57.3 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 15.824 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078371.D

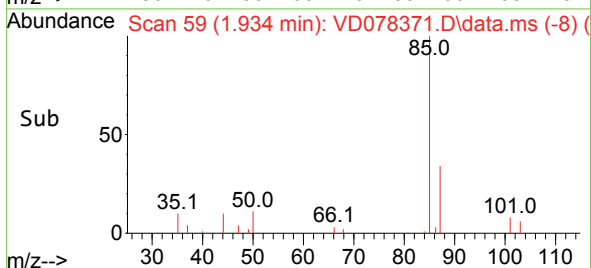
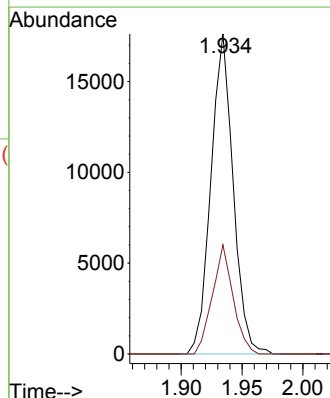
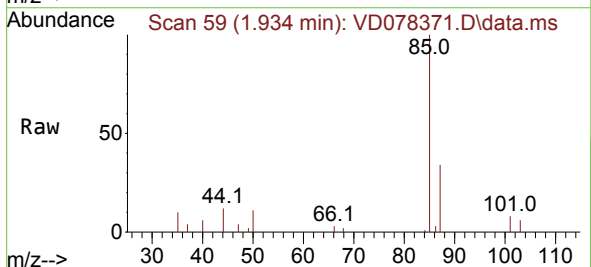
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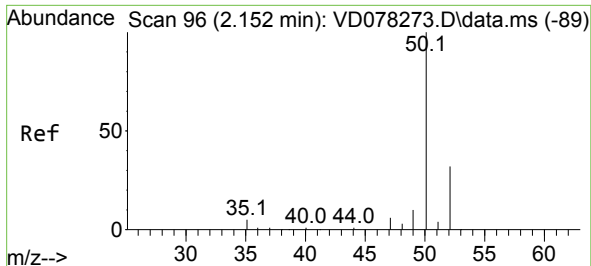
Tgt Ion: 85 Resp: 22387

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.0

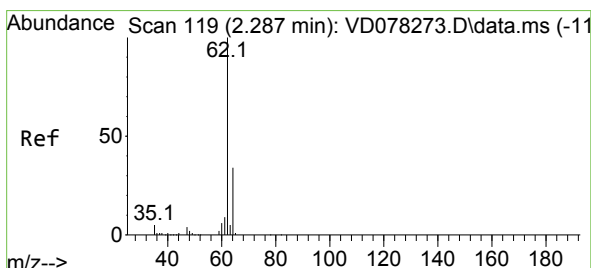
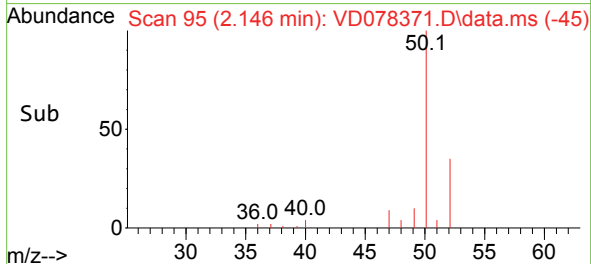
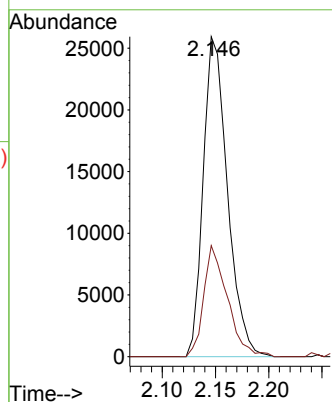
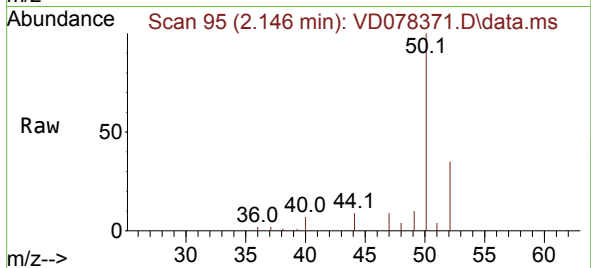




#3
Chloromethane
Concen: 17.222 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

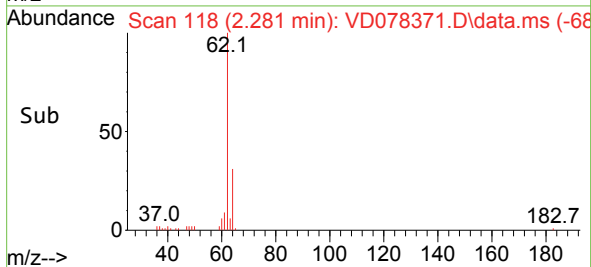
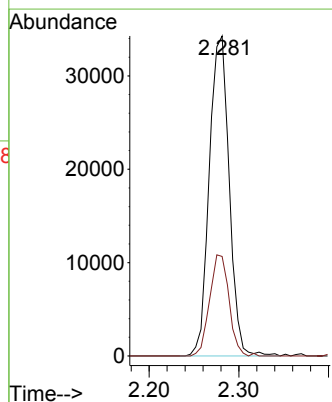
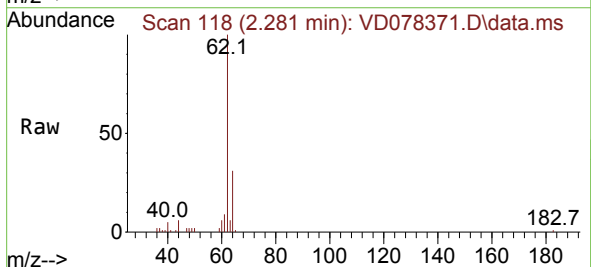
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MSVOA_D
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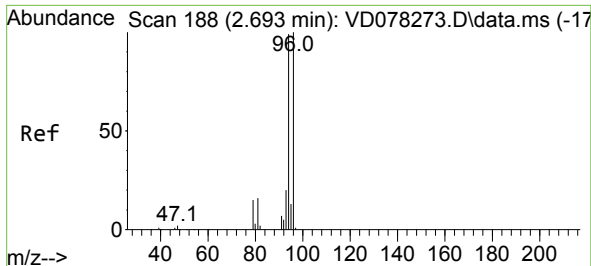
Tgt Ion: 50 Resp: 41061
Ion Ratio Lower Upper
50 100
52 34.7 26.6 40.0



#4
Vinyl Chloride
Concen: 16.803 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 62 Resp: 52848
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0

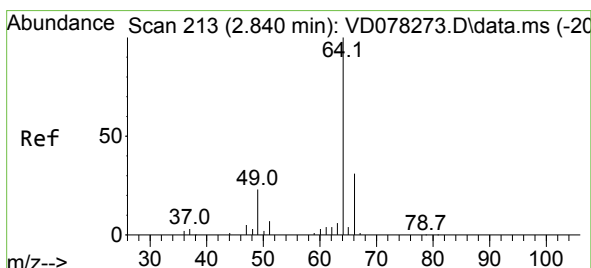
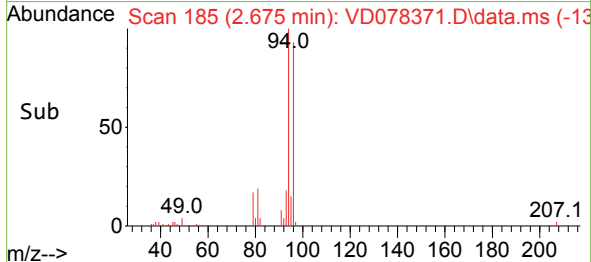
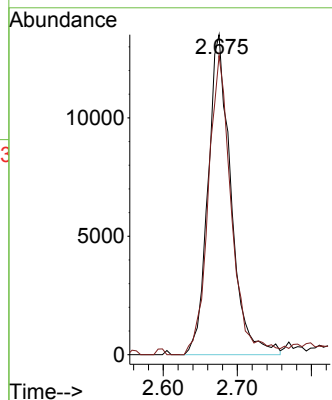
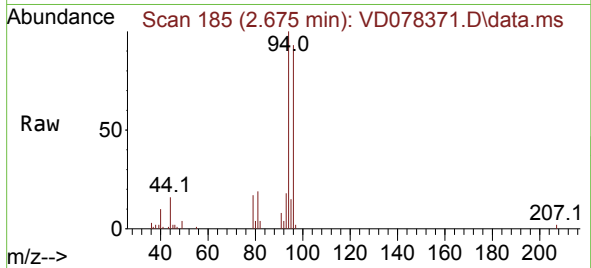




#5
Bromomethane
Concen: 15.272 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

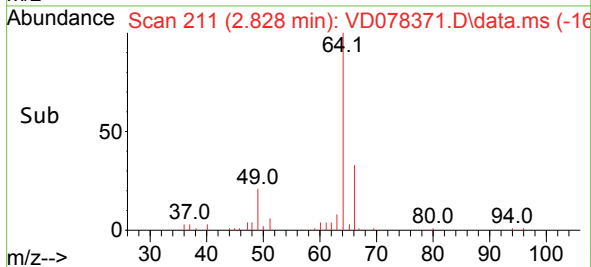
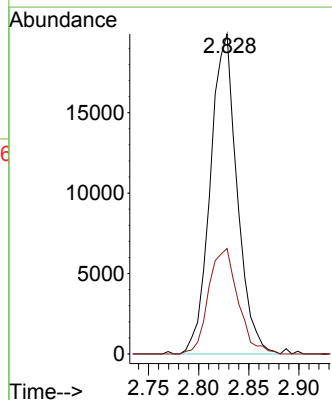
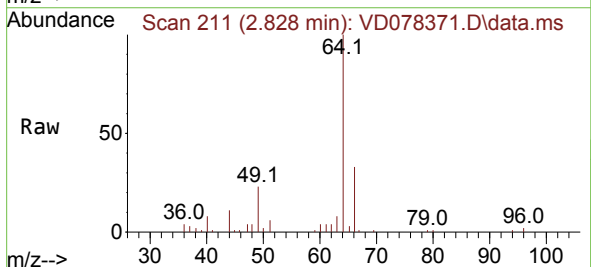
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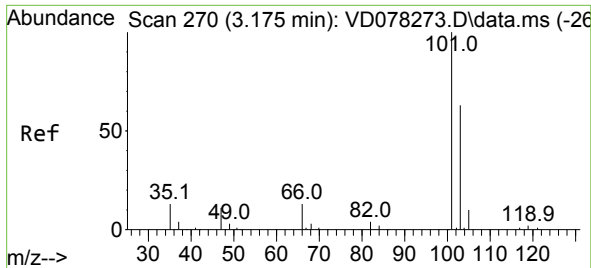
Tgt Ion: 94 Resp: 29078
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 17.011 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 64 Resp: 36953
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

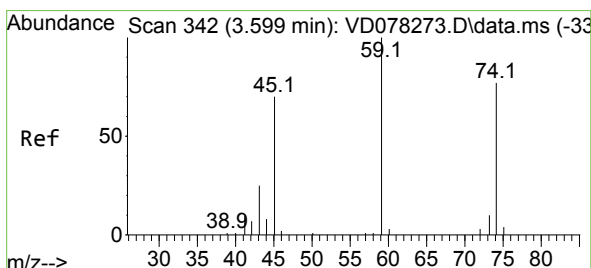
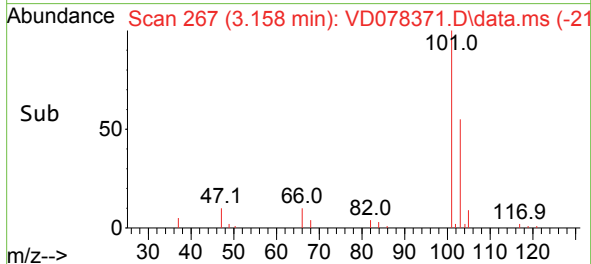
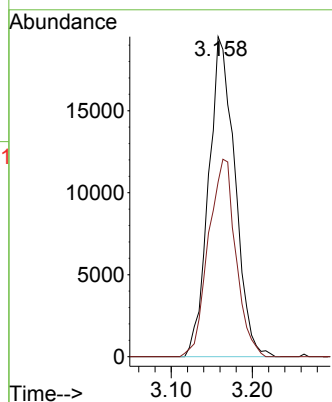
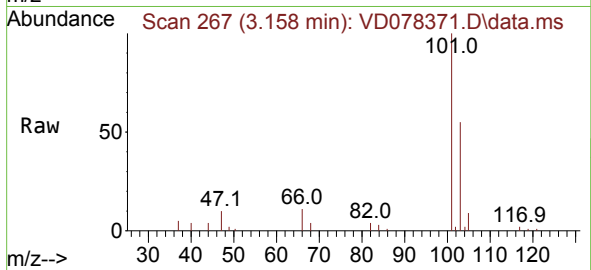




#7
 Trichlorofluoromethane
 Concen: 16.461 ug/l
 RT: 3.158 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

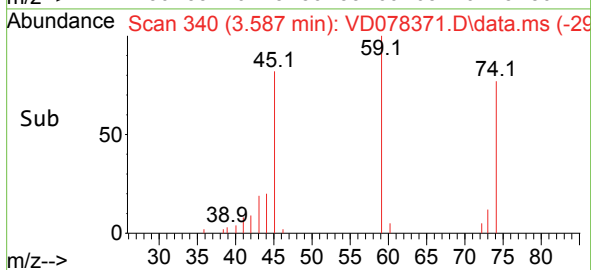
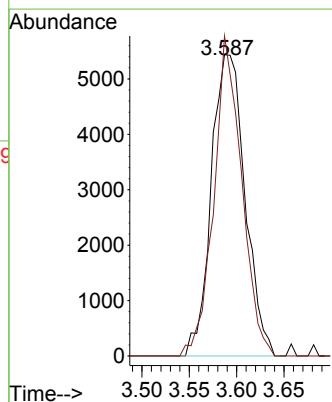
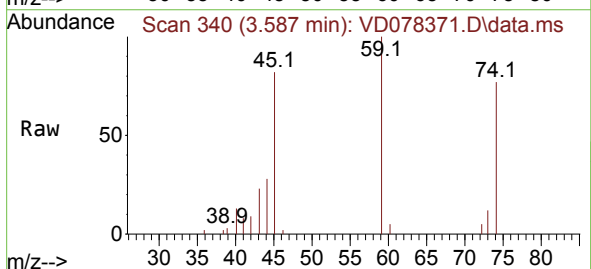
Instrument :
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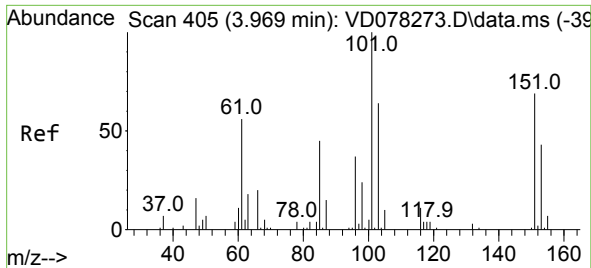
Tgt Ion:101 Resp: 43832
 Ion Ratio Lower Upper
 101 100
 103 54.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 17.100 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

Tgt Ion: 74 Resp: 13470
 Ion Ratio Lower Upper
 74 100
 45 87.6 37.5 112.7

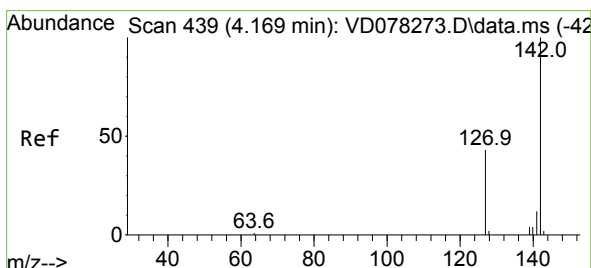
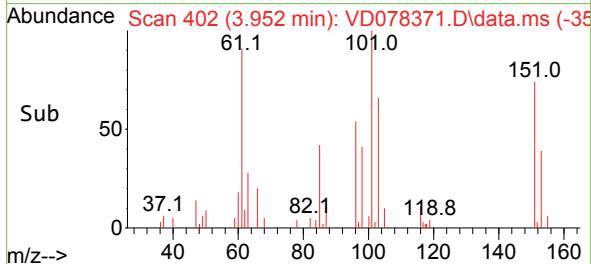
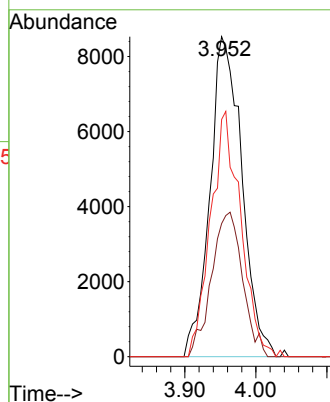
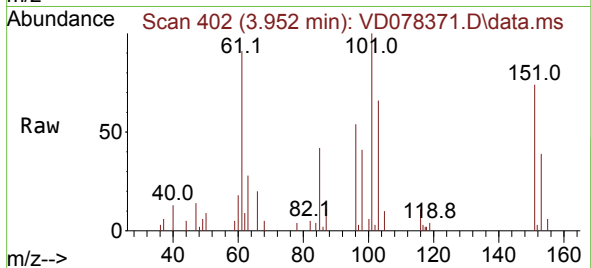




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.260 ug/l
RT: 3.952 min Scan# 405
Delta R.T. -0.018 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

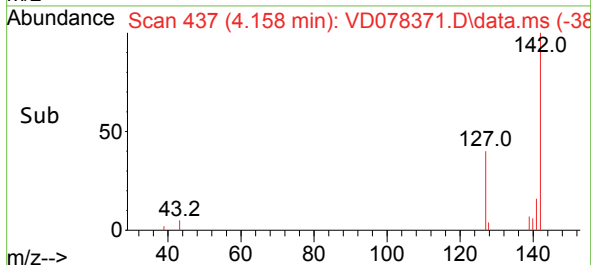
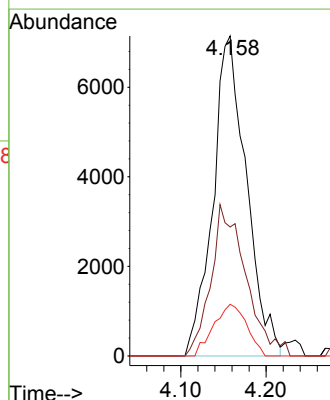
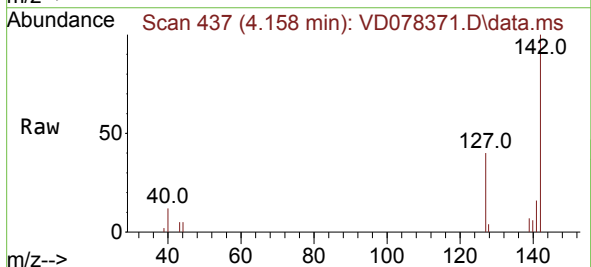
Instrument :
MSVOA_D
ClientSampleId :

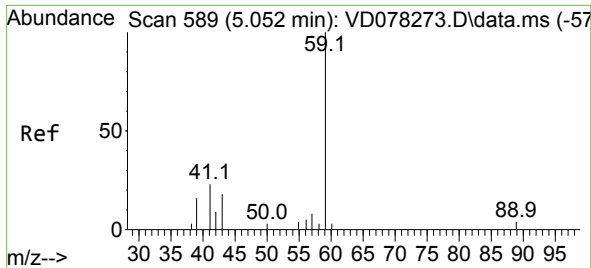
Tgt Ion:101 Resp: 26571
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 72.3 59.8 89.6



#10
Methyl Iodide
Concen: 13.150 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

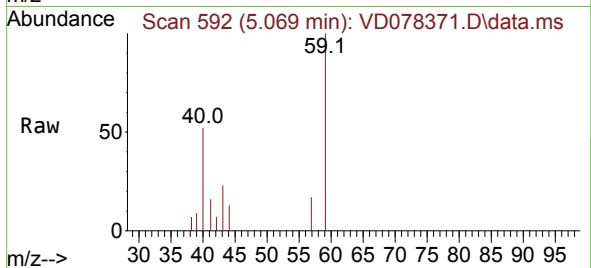
Tgt Ion:142 Resp: 19548
Ion Ratio Lower Upper
142 100
127 49.2 29.4 44.0#
141 15.9 11.1 16.7



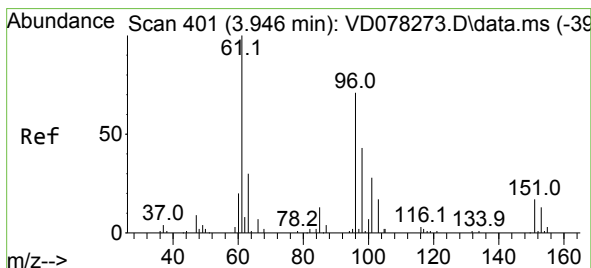
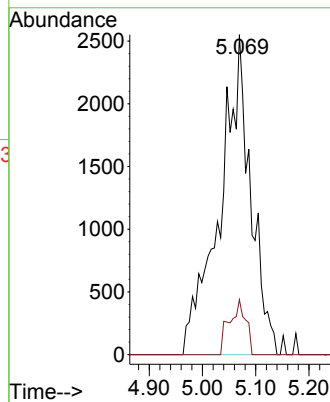
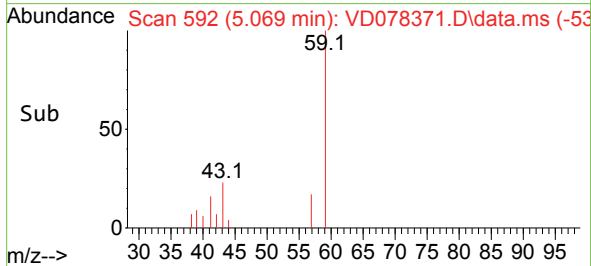


#11
Tert butyl alcohol
Concen: 113.066 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

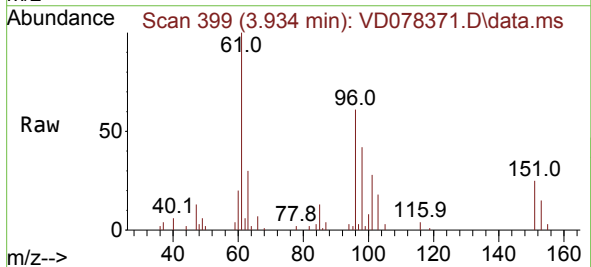
Instrument :
MSVOA_D
ClientSampleId :



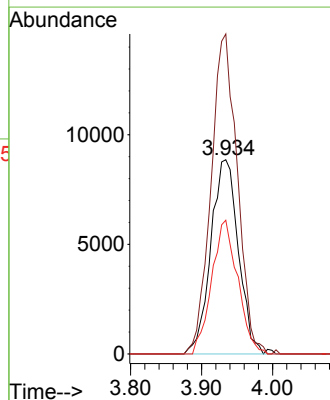
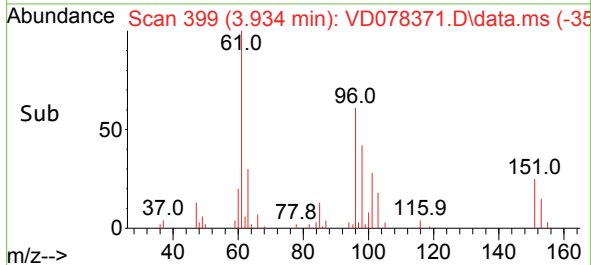
Tgt Ion: 59 Resp: 10233
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8

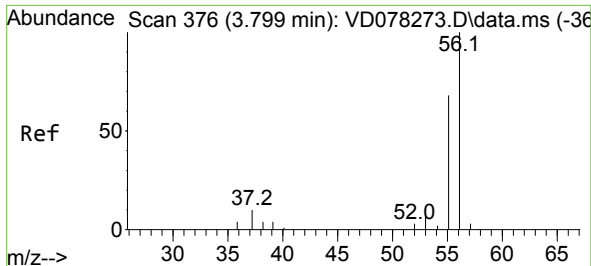


#12
1,1-Dichloroethene
Concen: 15.181 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.012 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05



Tgt Ion: 96 Resp: 23937
Ion Ratio Lower Upper
96 100
61 164.7 100.6 150.8#
98 68.9 50.2 75.2





#13

Acrolein

Concen: 71.616 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.012 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

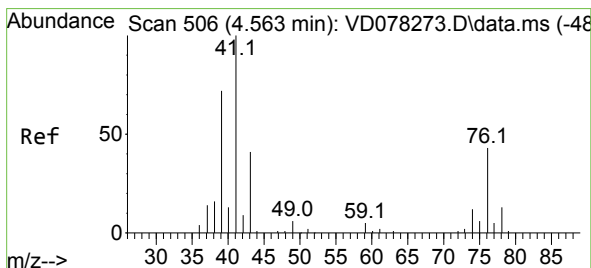
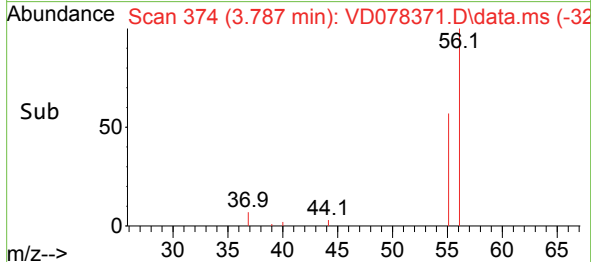
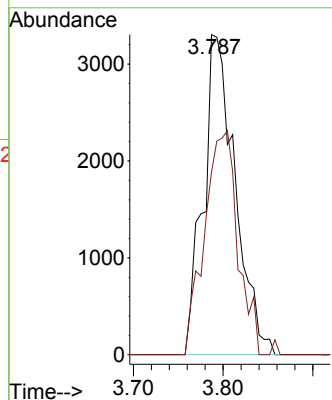
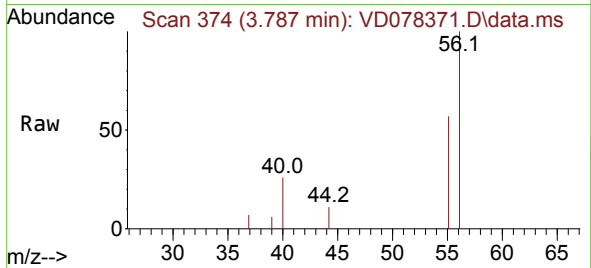
ClientSampleId :

Tgt Ion: 56 Resp: 8160

Ion Ratio Lower Upper

56 100

55 72.9 55.1 82.7



#14

Allyl chloride

Concen: 15.859 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

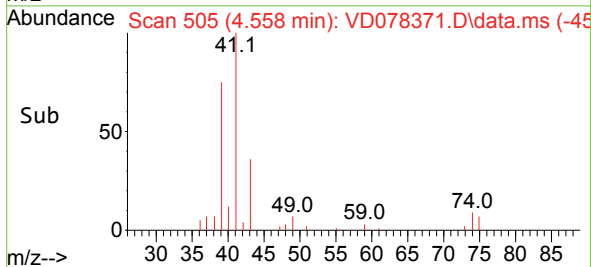
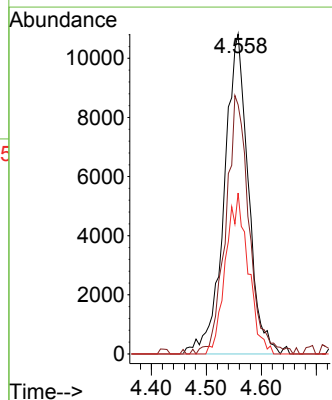
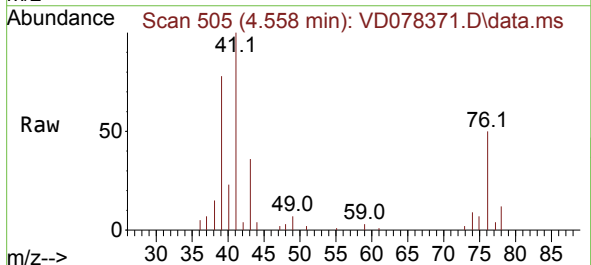
Tgt Ion: 41 Resp: 32970

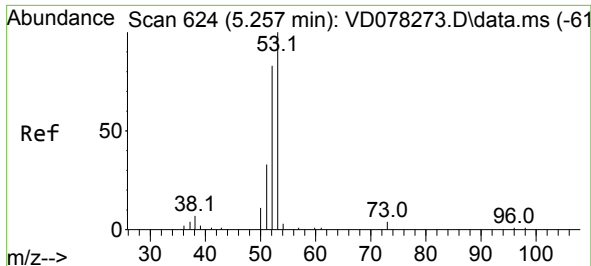
Ion Ratio Lower Upper

41 100

39 78.0 53.8 80.6

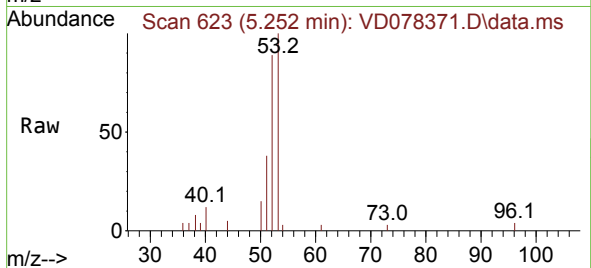
76 47.0 45.8 68.8



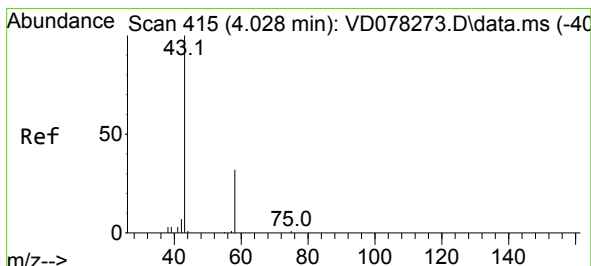
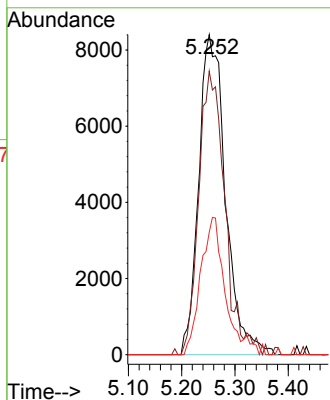
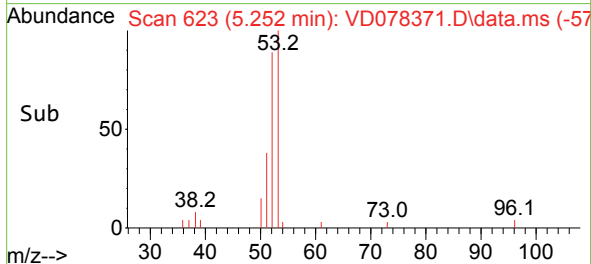


#15
Acrylonitrile
Concen: 84.332 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

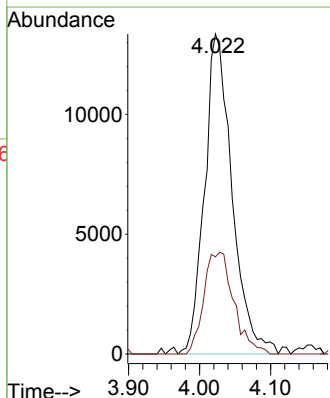
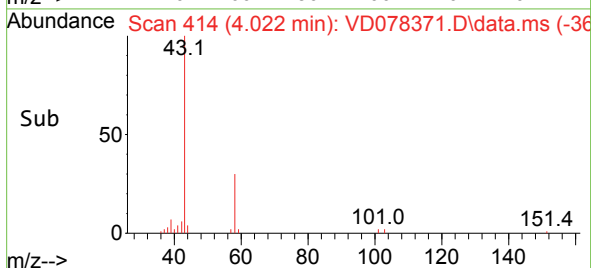
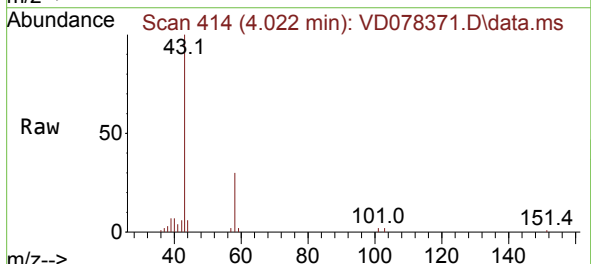


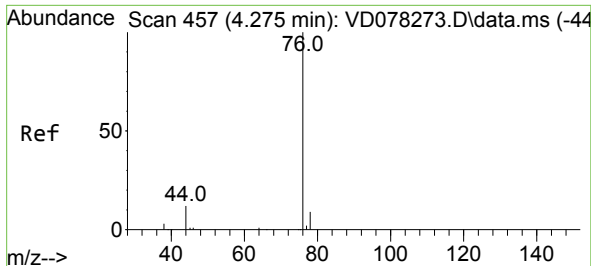
Tgt Ion: 53	Resp: 29362
Ion Ratio	Lower Upper
53 100	
52 83.6	65.0 97.4
51 39.6	28.3 42.5



#16
Acetone
Concen: 99.230 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 43	Resp: 35957
Ion Ratio	Lower Upper
43 100	
58 30.3	34.7 52.1#





#17

Carbon Disulfide

Concen: 12.709 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

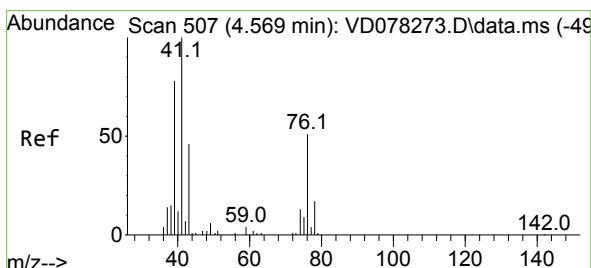
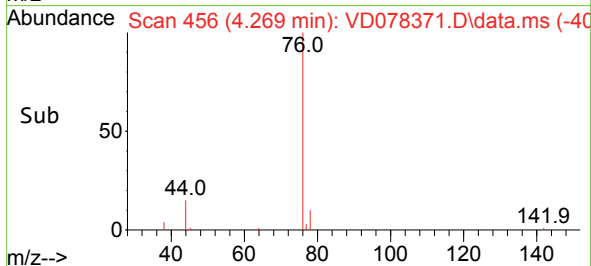
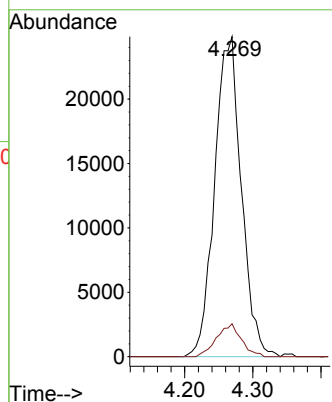
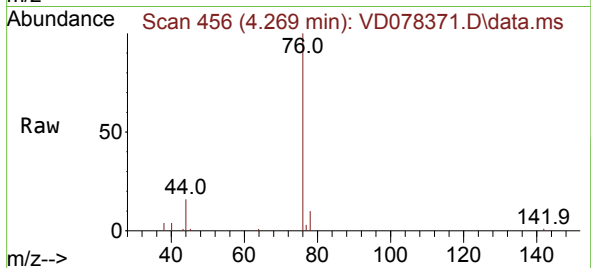
ClientSampleId :

Tgt Ion: 76 Resp: 67650

Ion Ratio Lower Upper

76 100

78 10.3 6.8 10.2#



#18

Methyl Acetate

Concen: 16.223 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078371.D

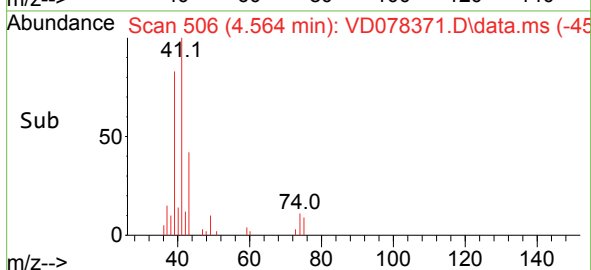
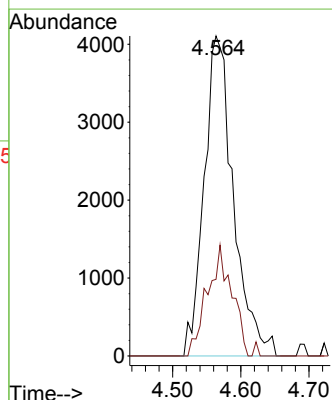
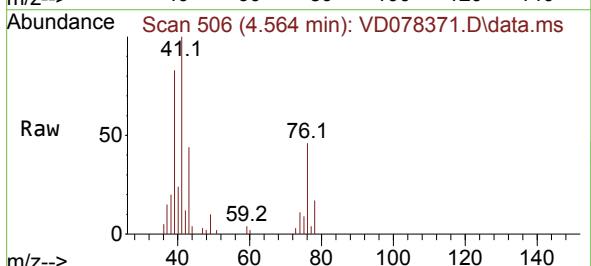
Acq: 08 Feb 2024 16:05

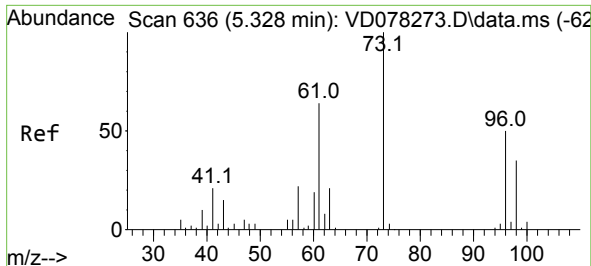
Tgt Ion: 43 Resp: 12269

Ion Ratio Lower Upper

43 100

74 29.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 17.144 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

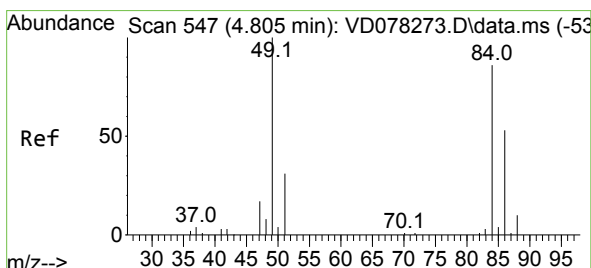
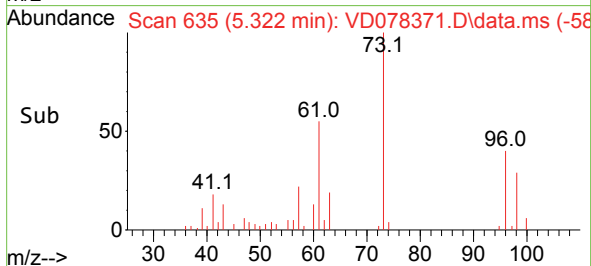
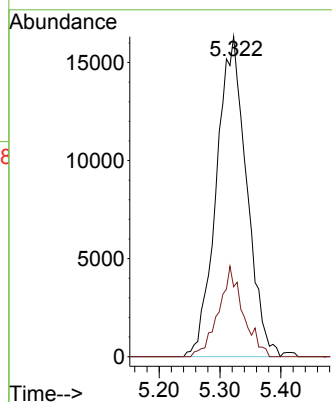
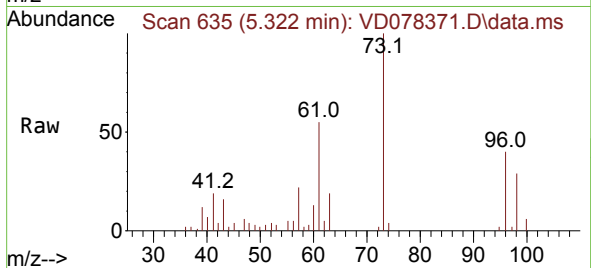
ClientSampleId :

Tgt Ion: 73 Resp: 56220

Ion Ratio Lower Upper

73 100

57 21.8 16.6 25.0



#20

Methylene Chloride

Concen: 18.258 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Tgt Ion: 84 Resp: 34481

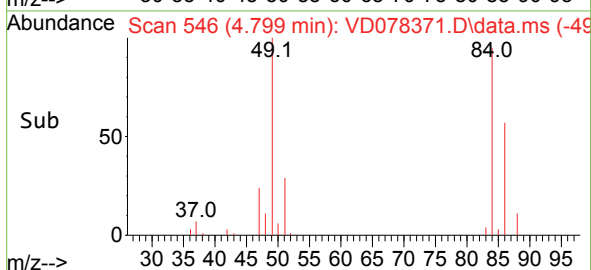
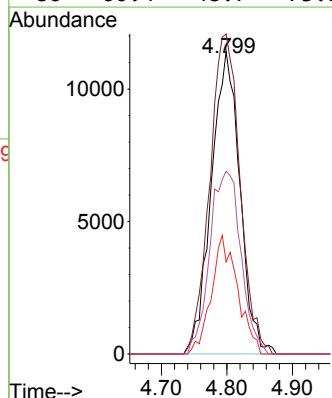
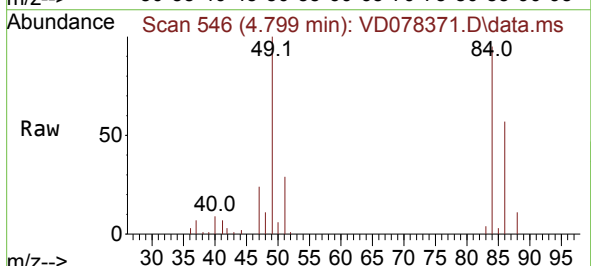
Ion Ratio Lower Upper

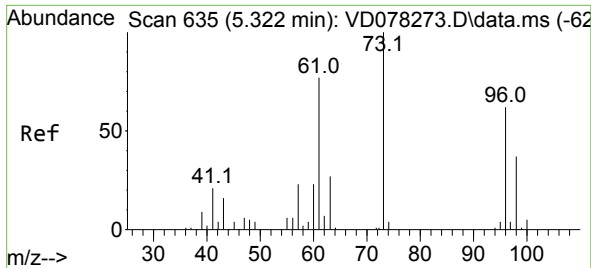
84 100

49 105.7 71.4 107.2

51 30.4 24.5 36.7

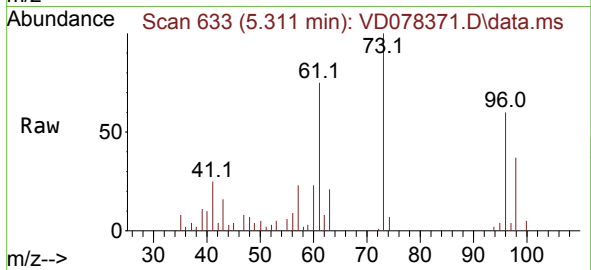
86 60.4 48.7 73.1



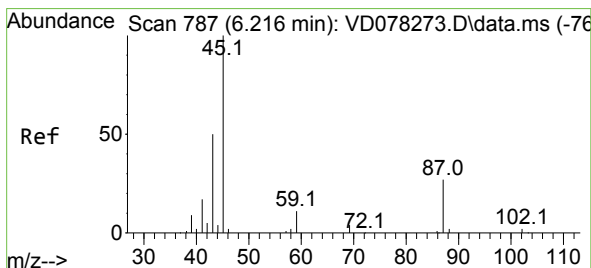
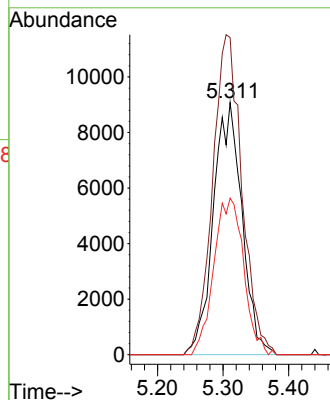
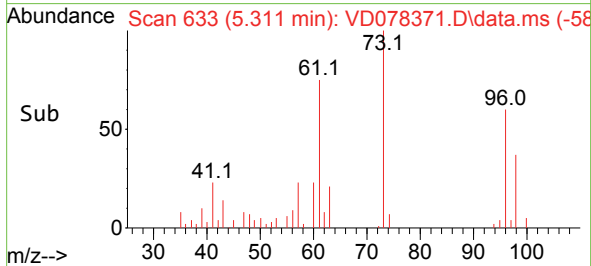


#21
trans-1,2-Dichloroethene
Concen: 15.381 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

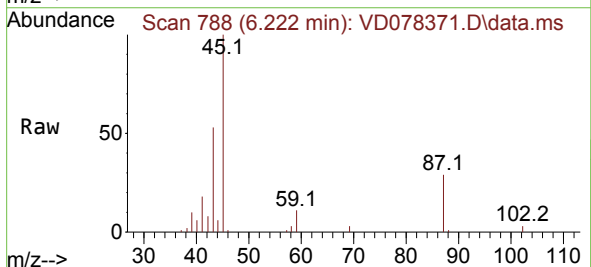
Instrument :
MSVOA_D
ClientSampleId :



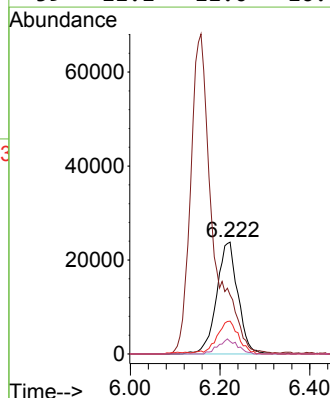
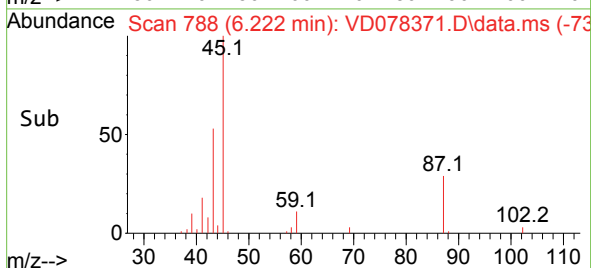
Tgt Ion:	96	Resp:	27421
Ion Ratio	Lower	Upper	
96	100		
61	125.8	89.3	133.9
98	62.1	48.6	73.0

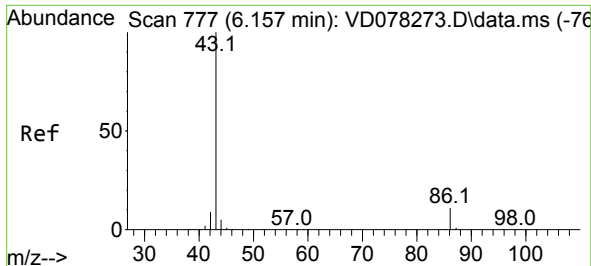


#22
Diisopropyl ether
Concen: 17.712 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05



Tgt Ion:	45	Resp:	78350
Ion Ratio	Lower	Upper	
45	100		
43	51.9	40.0	60.0
87	29.4	28.2	42.4
59	11.1	11.0	16.4

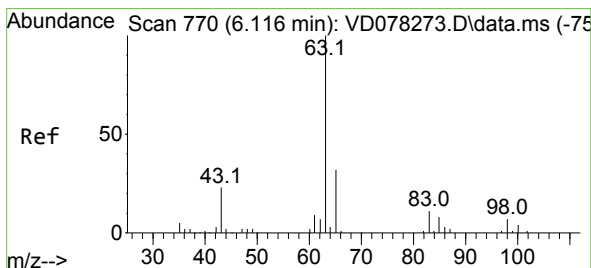
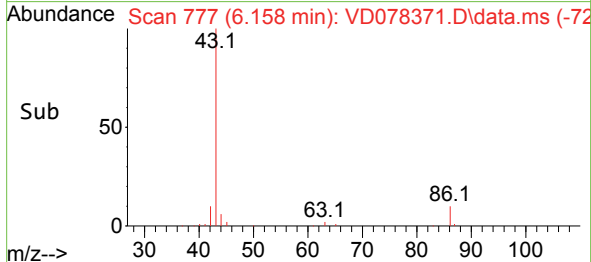
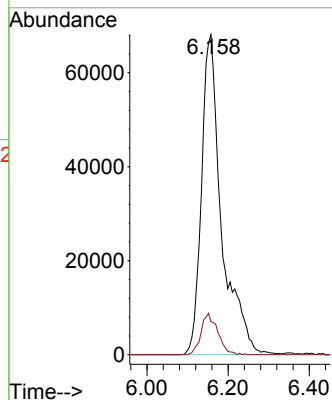
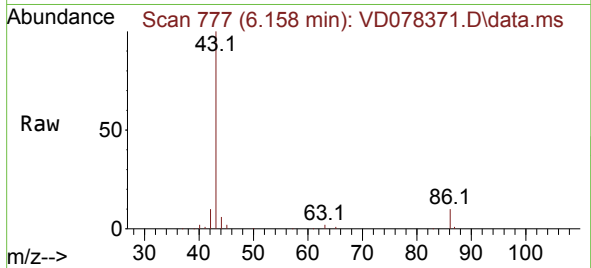




#23
 Vinyl Acetate
 Concen: 86.954 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

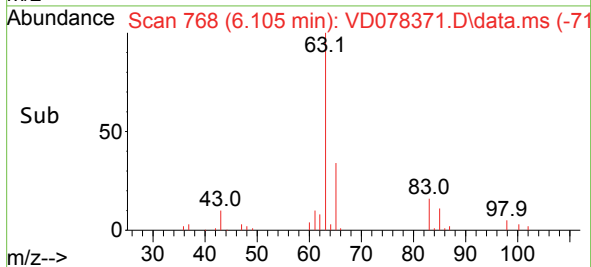
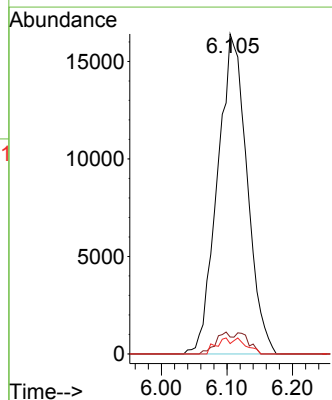
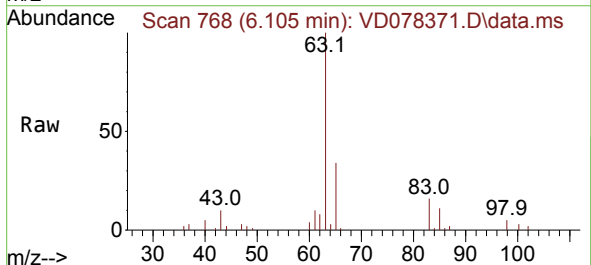
Instrument :
 MSVOA_D
 ClientSampleId :

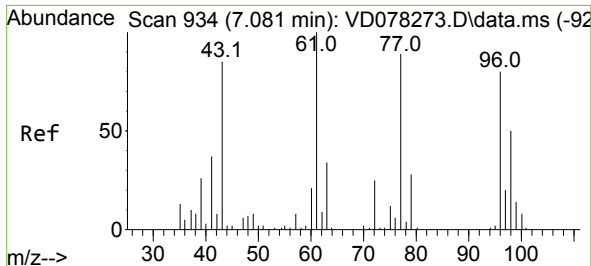
Tgt Ion: 43 Resp: 234675
 Ion Ratio Lower Upper
 43 100
 86 10.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 16.761 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

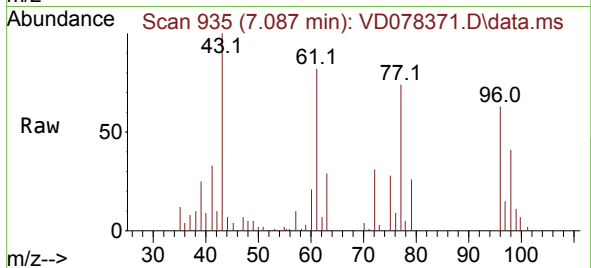
Tgt Ion: 63 Resp: 51329
 Ion Ratio Lower Upper
 63 100
 98 5.3 4.5 13.7
 100 3.3 2.5 7.5



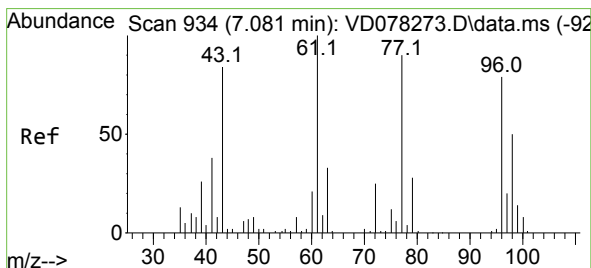
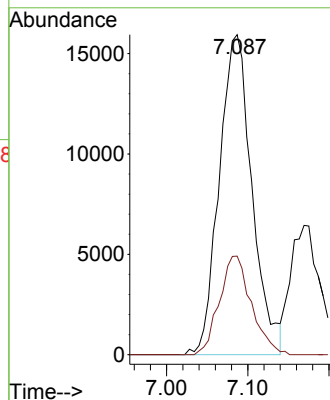
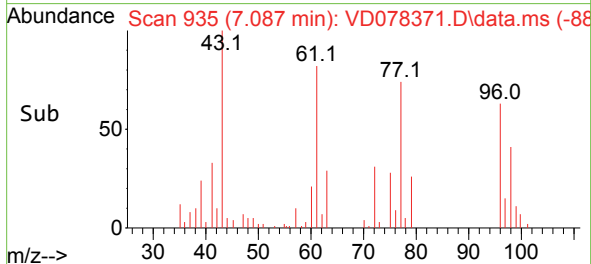


#25
2-Butanone
Concen: 94.512 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

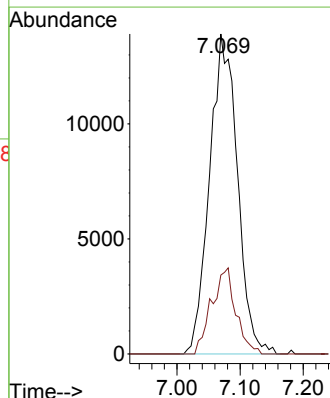
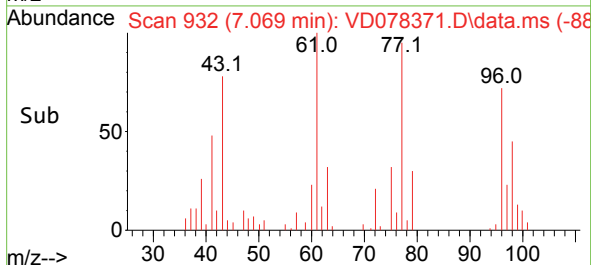
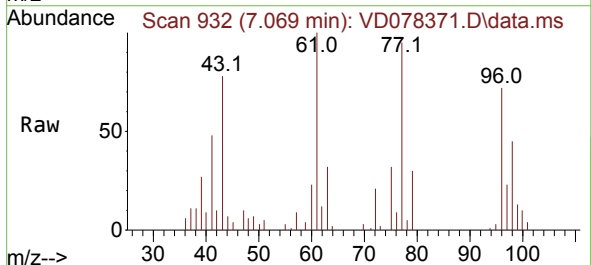


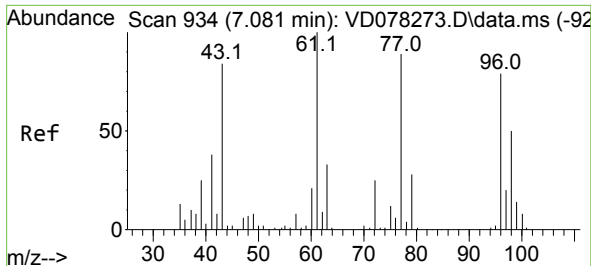
Tgt Ion: 43 Resp: 44685
Ion Ratio Lower Upper
43 100
72 30.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 17.028 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 77 Resp: 42597
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 16.548 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

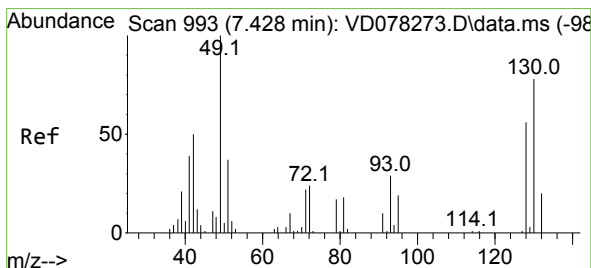
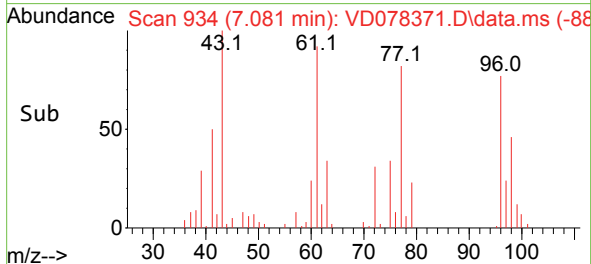
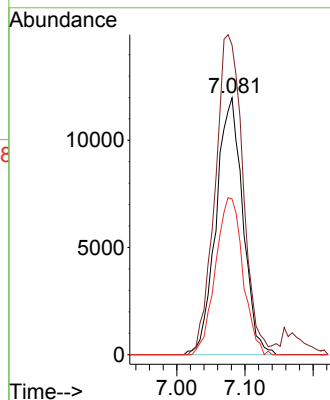
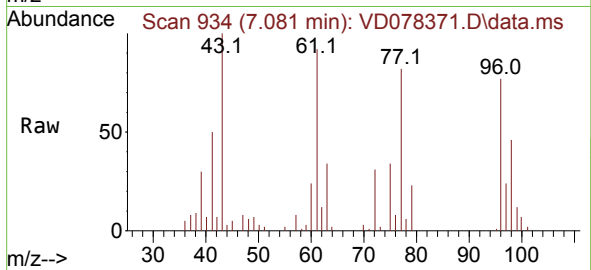
Tgt Ion: 96 Resp: 32697

Ion Ratio Lower Upper

96 100

61 130.0 0.0 239.2

98 62.4 0.0 128.6



#28

Bromochloromethane

Concen: 15.286 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

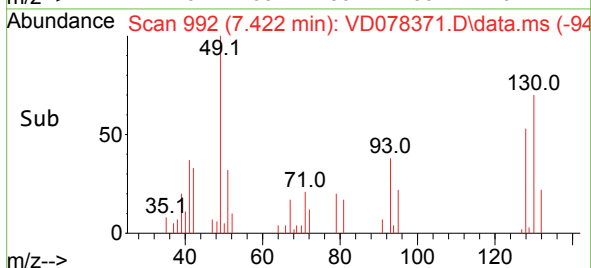
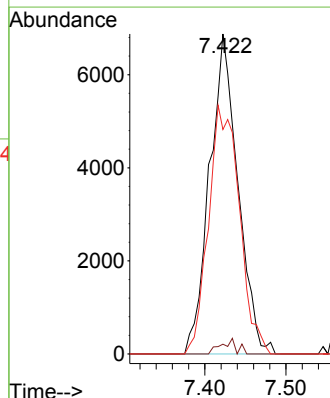
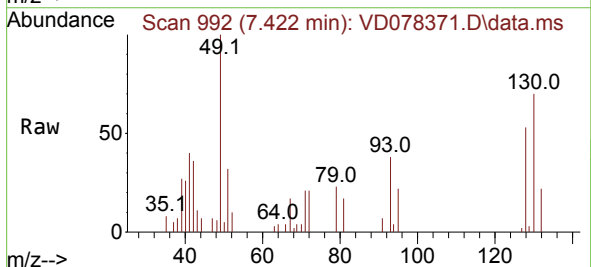
Tgt Ion: 49 Resp: 16696

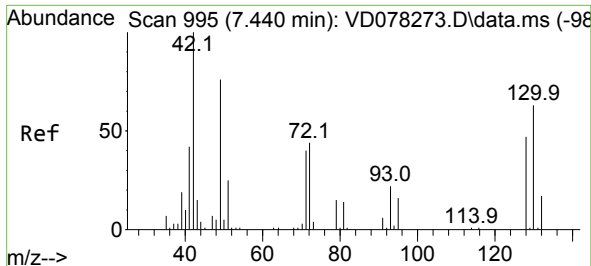
Ion Ratio Lower Upper

49 100

129 2.6 0.0 6.0

130 84.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 88.289 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

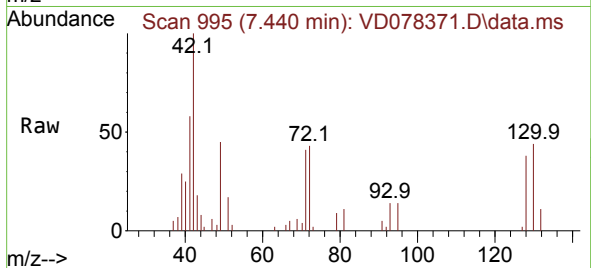
Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

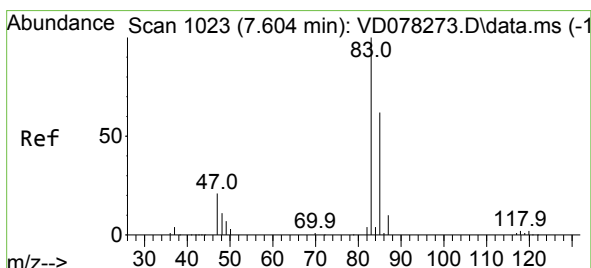
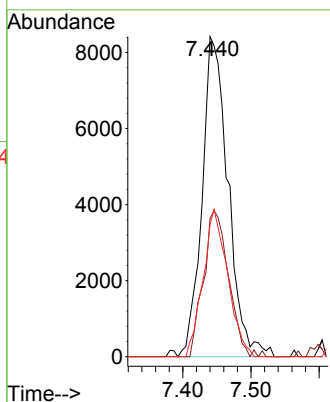
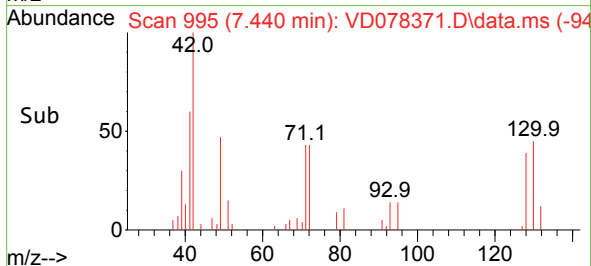
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	22331
Ion	Ratio	Lower	Upper
42	100		
72	43.6	46.5	69.7#
71	43.6	44.5	66.7#



#30

Chloroform

Concen: 17.857 ug/l

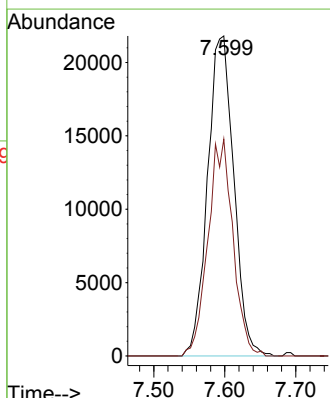
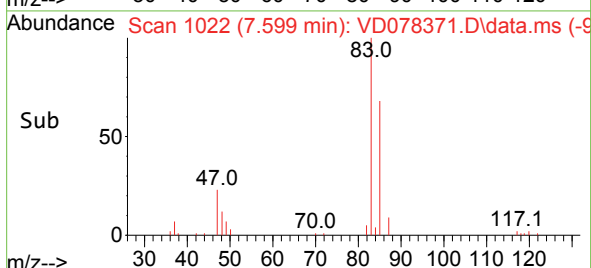
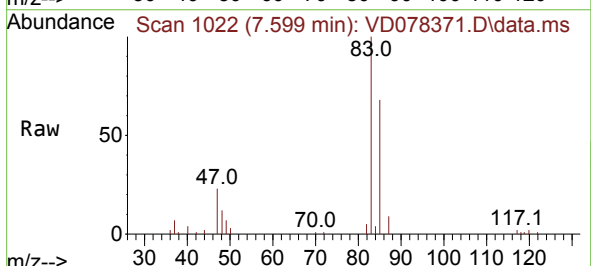
RT: 7.599 min Scan# 1022

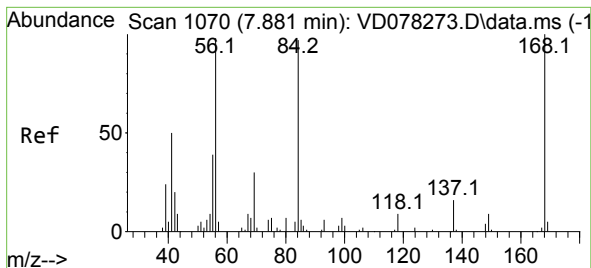
Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Tgt Ion:	83	Resp:	55913
Ion	Ratio	Lower	Upper
83	100		
85	67.7	53.4	80.2





#31

Cyclohexane

Concen: 14.393 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

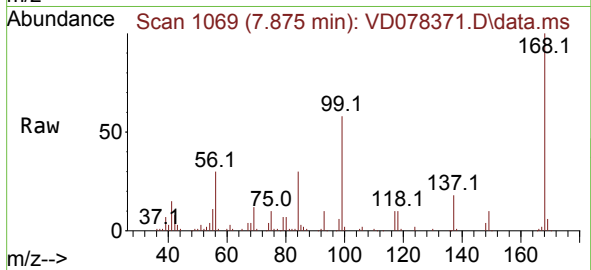
Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :



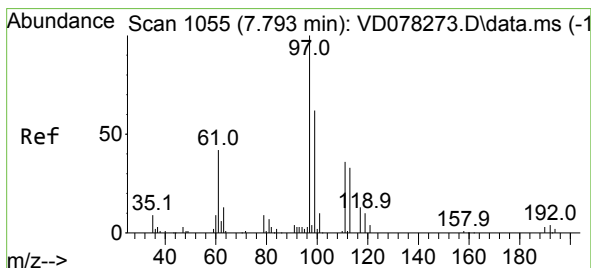
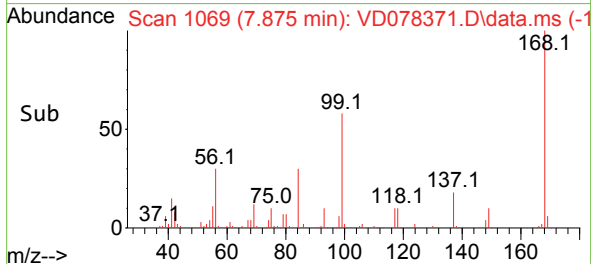
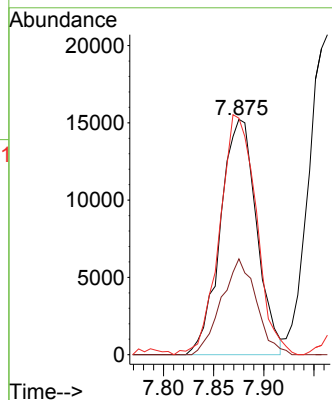
Tgt Ion: 56 Resp: 38246

Ion Ratio Lower Upper

56 100

69 40.8 28.6 43.0

84 98.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 16.643 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

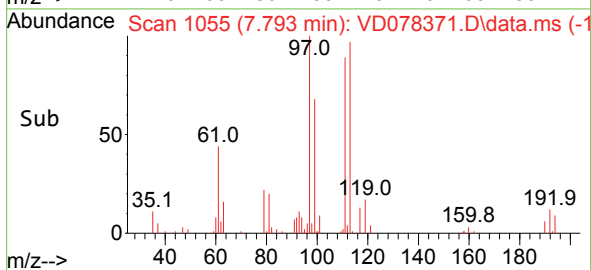
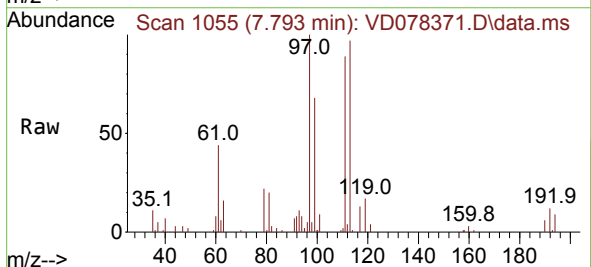
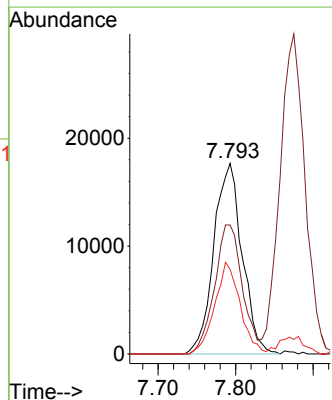
Tgt Ion: 97 Resp: 44910

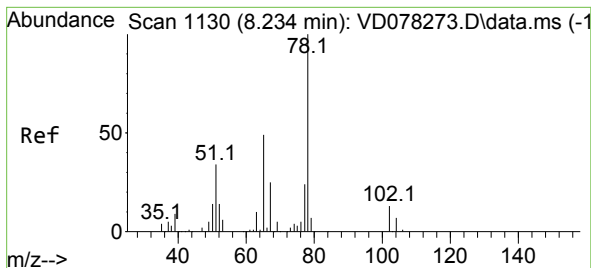
Ion Ratio Lower Upper

97 100

99 66.0 52.0 78.0

61 43.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 35.686 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

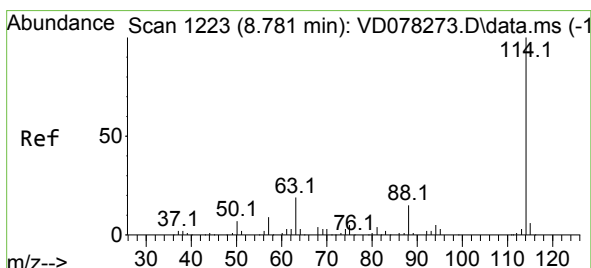
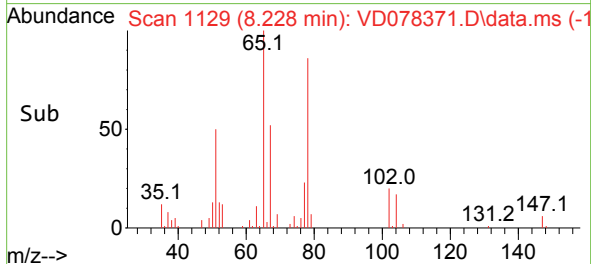
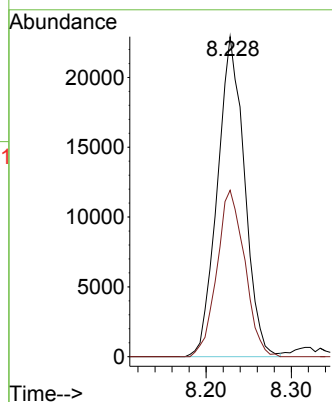
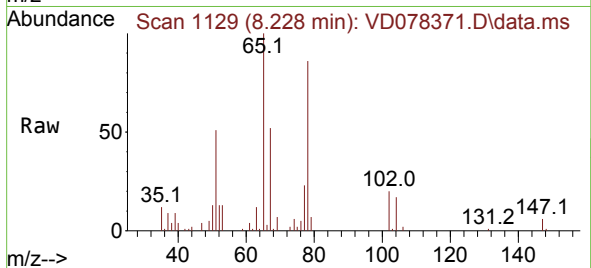
ClientSampleId :

Tgt Ion: 65 Resp: 50634

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

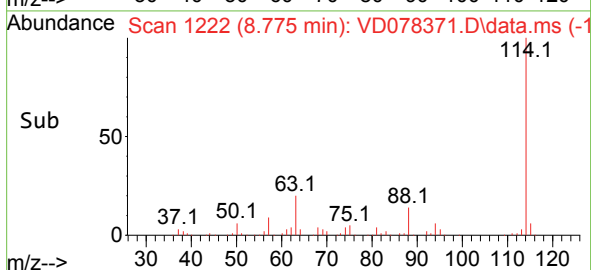
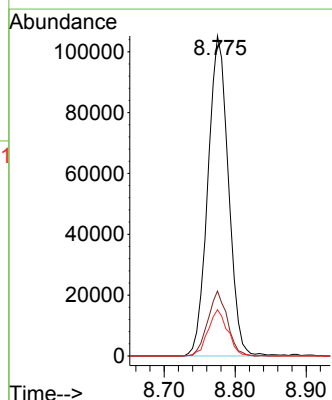
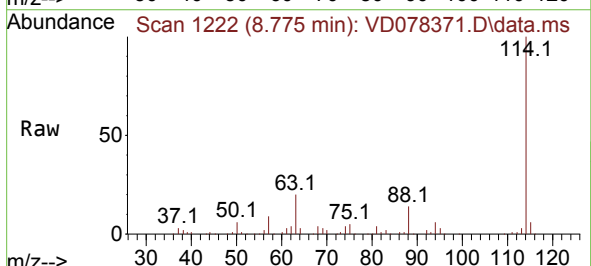
Tgt Ion: 114 Resp: 211067

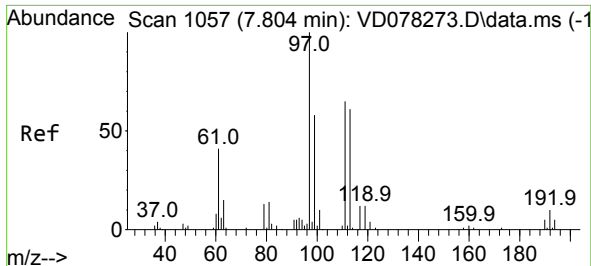
Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

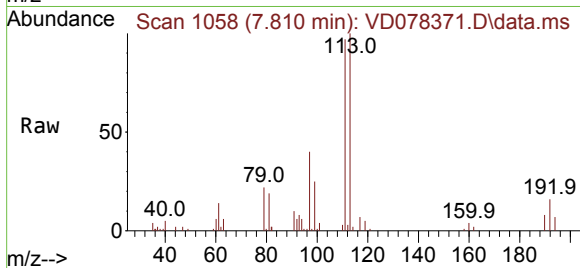
88 14.4 0.0 26.2



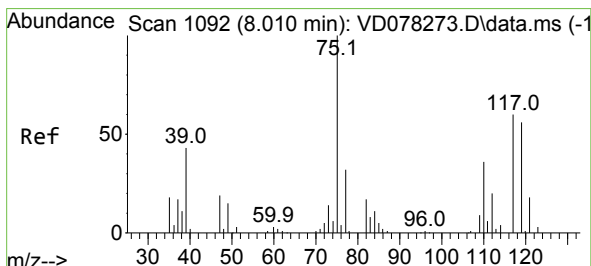
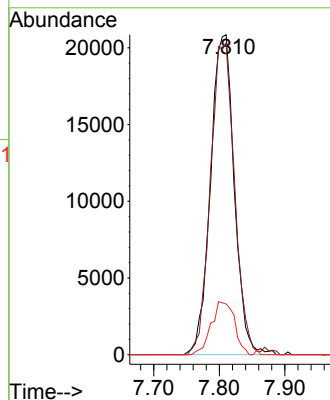
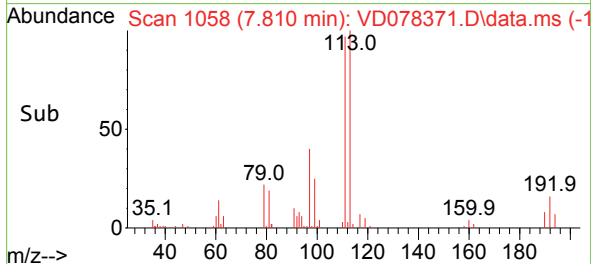


#35
Dibromofluoromethane
Concen: 34.862 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

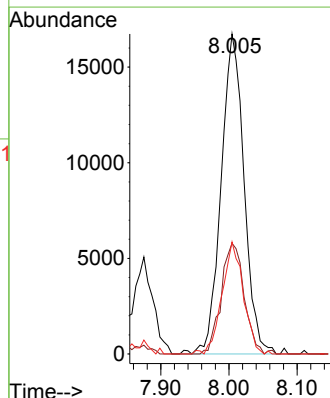
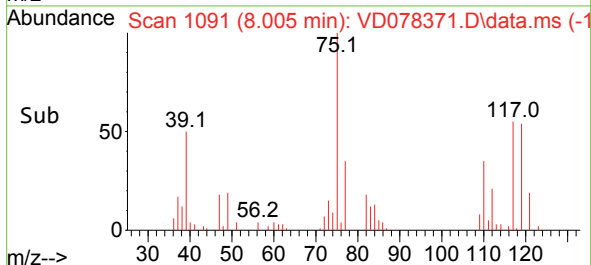
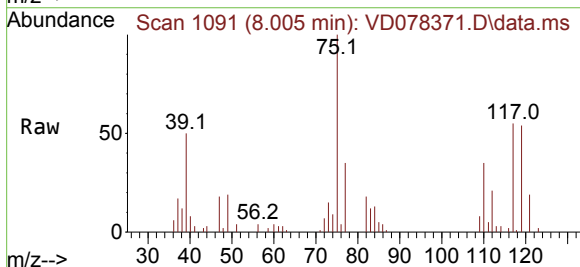


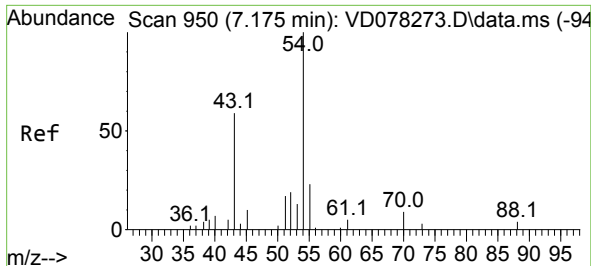
Tgt Ion:113 Resp: 52385
Ion Ratio Lower Upper
113 100
111 98.6 84.7 127.1
192 16.3 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 15.733 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 75 Resp: 39202
Ion Ratio Lower Upper
75 100
110 34.8 19.9 59.6
77 32.5 24.7 37.1





#37

Ethyl Acetate

Concen: 17.816 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

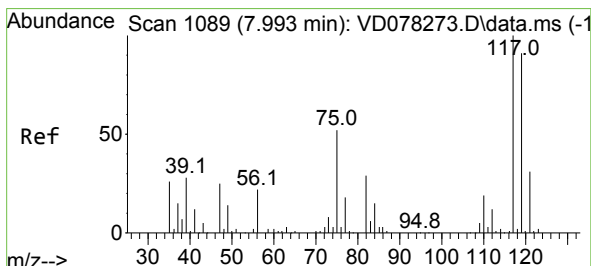
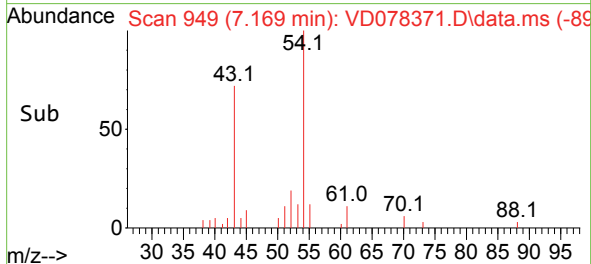
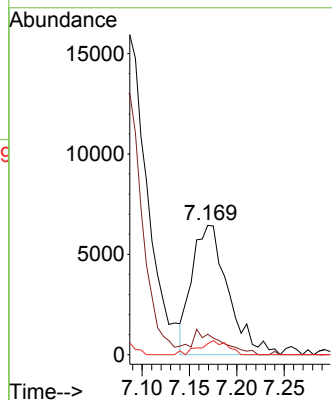
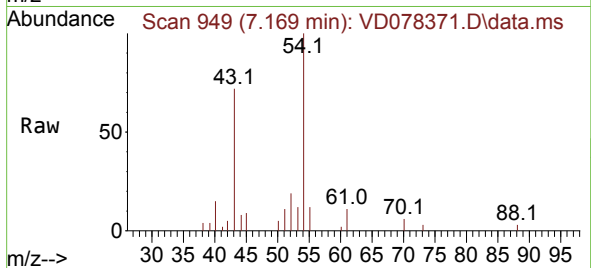
Tgt Ion: 43 Resp: 17086

Ion Ratio Lower Upper

43 100

61 15.6 14.9 22.3

70 8.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 16.439 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

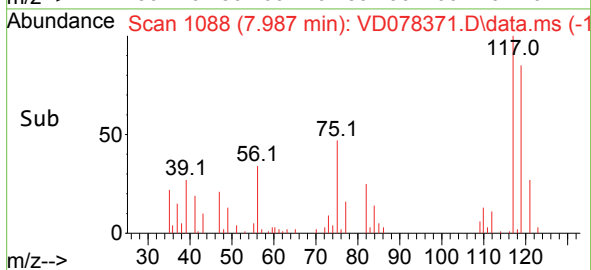
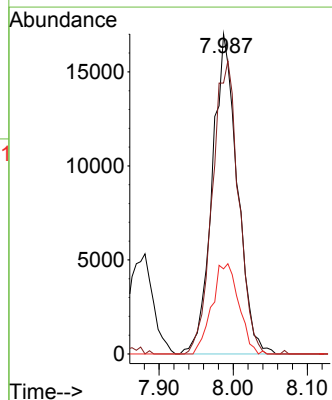
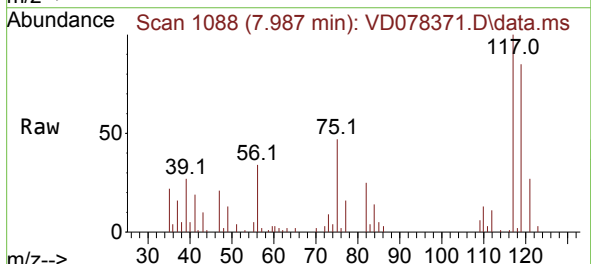
Tgt Ion: 117 Resp: 40277

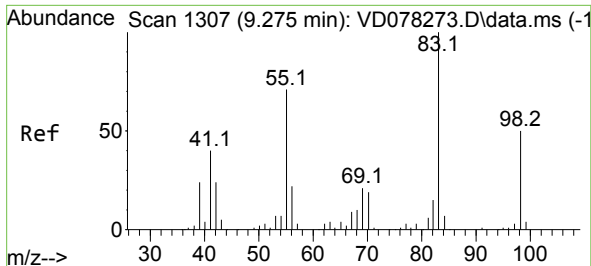
Ion Ratio Lower Upper

117 100

119 84.6 78.0 117.0

121 26.6 24.2 36.2





#39

Methylcyclohexane

Concen: 13.915 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

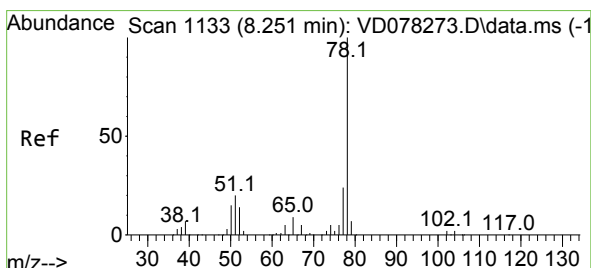
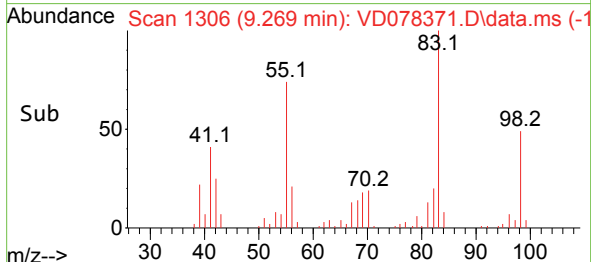
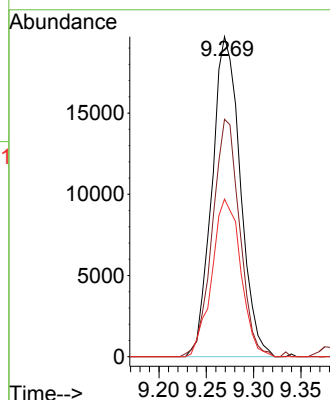
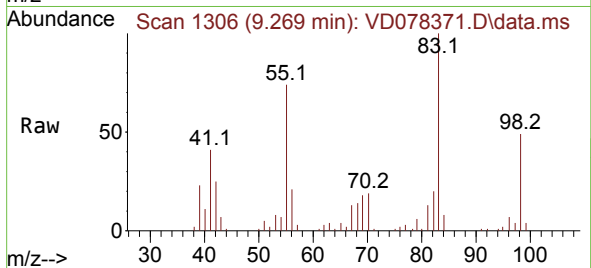
Tgt Ion: 83 Resp: 40993

Ion Ratio Lower Upper

83 100

55 74.2 49.4 74.0#

98 49.3 38.4 57.6



#40

Benzene

Concen: 16.429 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078371.D

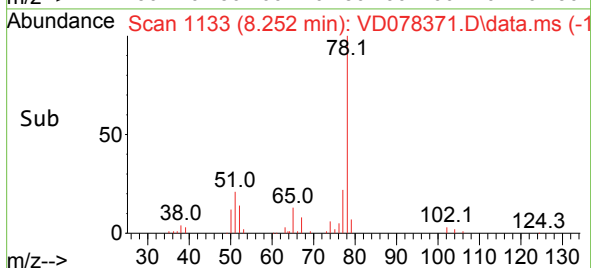
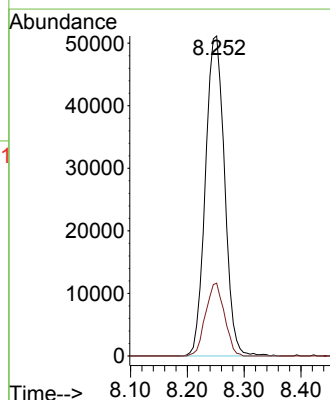
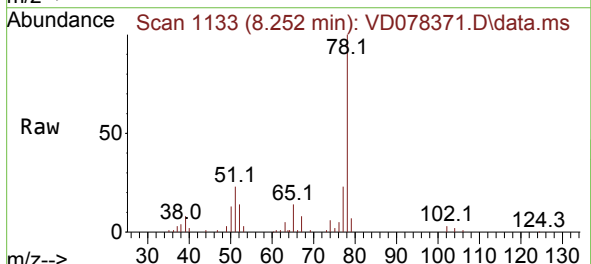
Acq: 08 Feb 2024 16:05

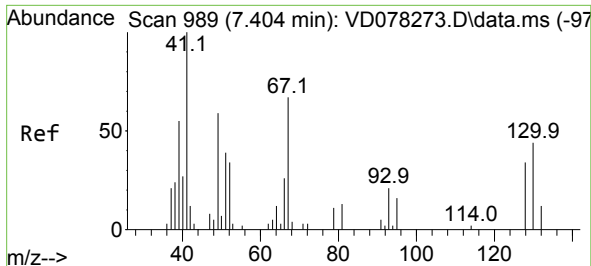
Tgt Ion: 78 Resp: 119450

Ion Ratio Lower Upper

78 100

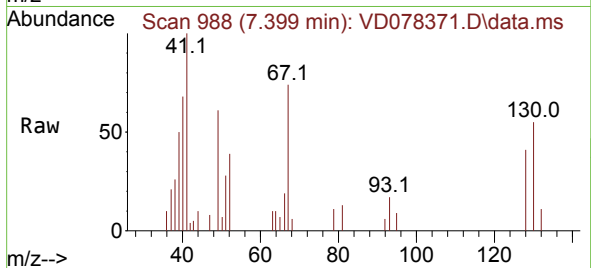
77 22.7 19.4 29.0



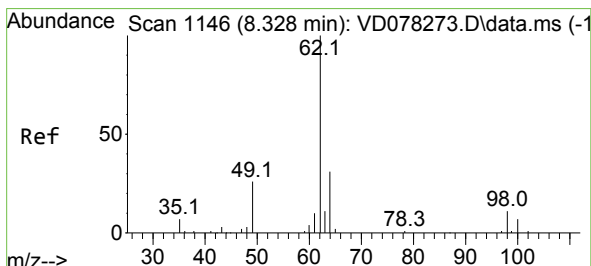
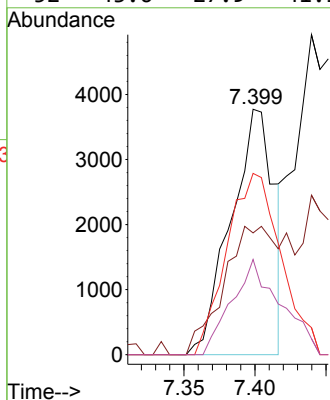
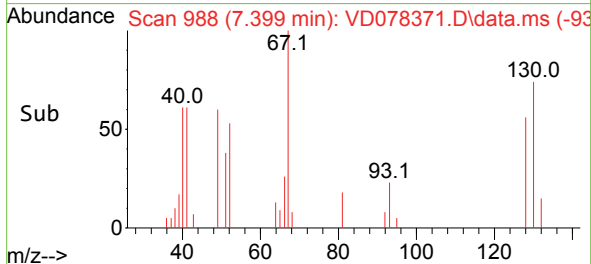


#41
Methacrylonitrile
Concen: 15.491 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

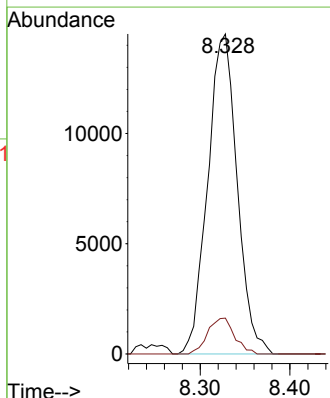
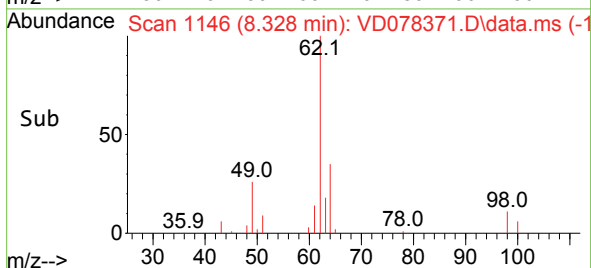
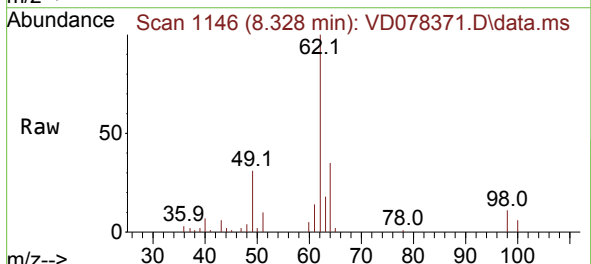


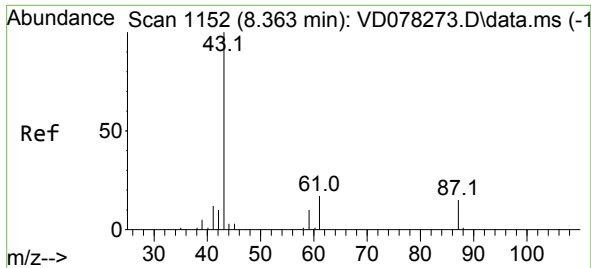
Tgt Ion: 41 Resp: 7987
Ion Ratio Lower Upper
41 100
39 63.4 34.0 51.0#
67 92.3 77.0 115.4
52 43.6 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 17.565 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 62 Resp: 33122
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

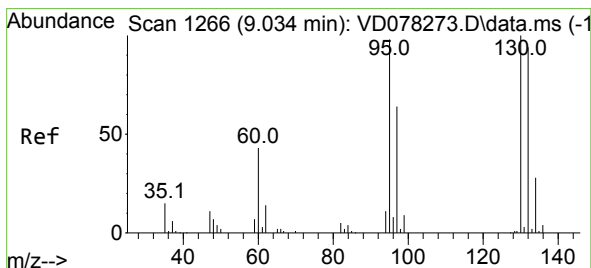
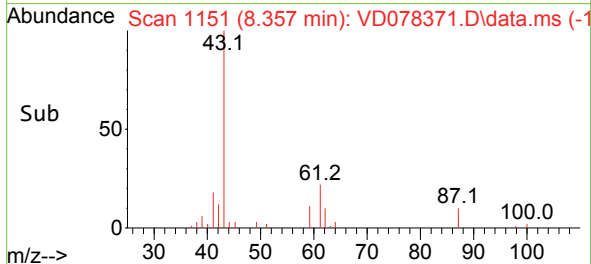
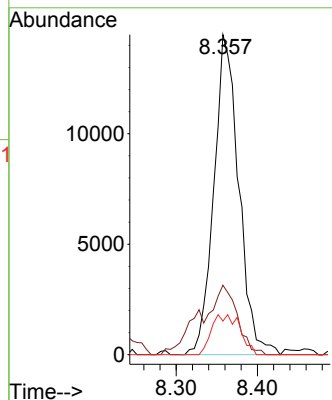
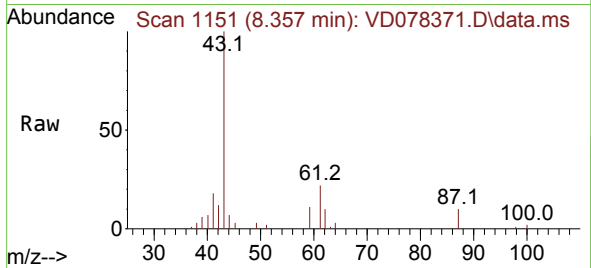




#43
Isopropyl Acetate
Concen: 17.953 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

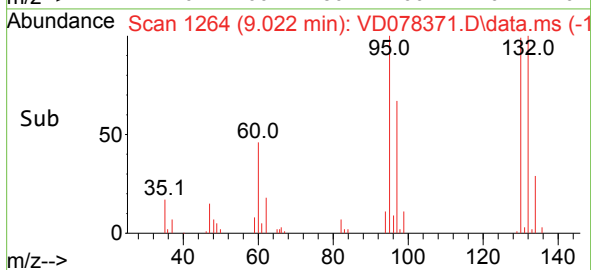
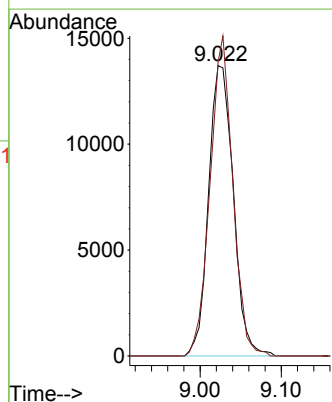
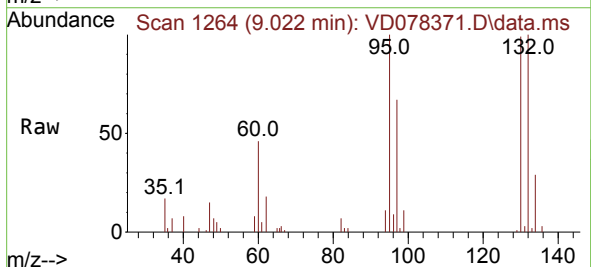
Instrument :
MSVOA_D
ClientSampleId :

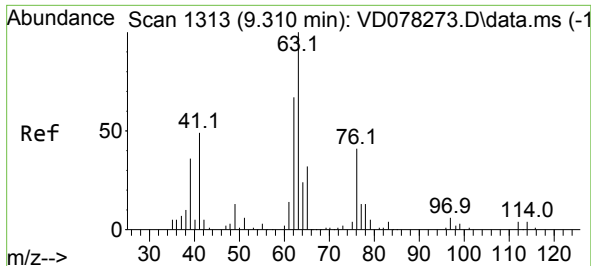
Tgt Ion: 43 Resp: 30870
Ion Ratio Lower Upper
43 100
61 21.9 31.4 47.0#
87 14.2 14.9 22.3#



#44
Trichloroethene
Concen: 16.294 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.012 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion:130 Resp: 29090
Ion Ratio Lower Upper
130 100
95 101.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 16.572 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

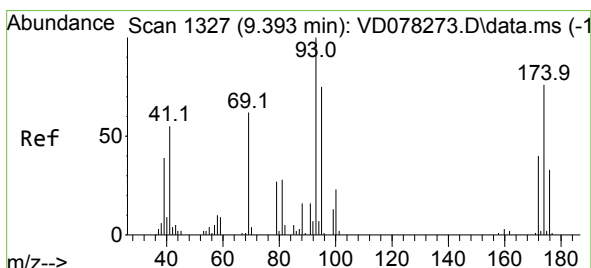
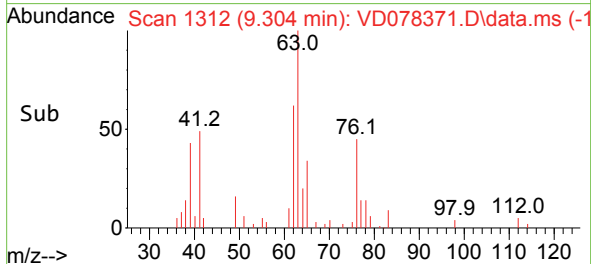
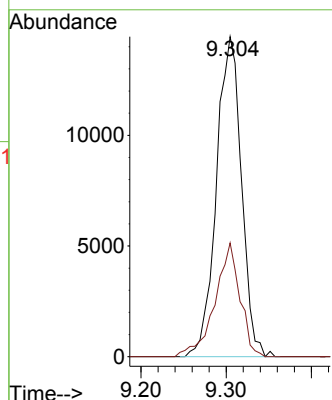
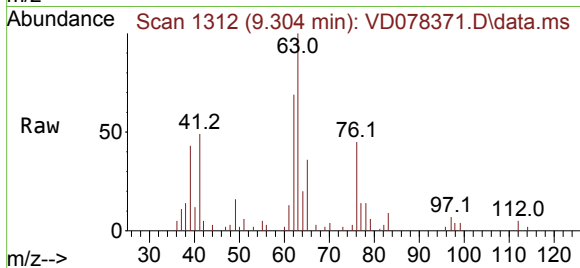
ClientSampleId :

Tgt Ion: 63 Resp: 29459

Ion Ratio Lower Upper

63 100

65 35.5 24.5 36.7



#46

Dibromomethane

Concen: 16.930 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

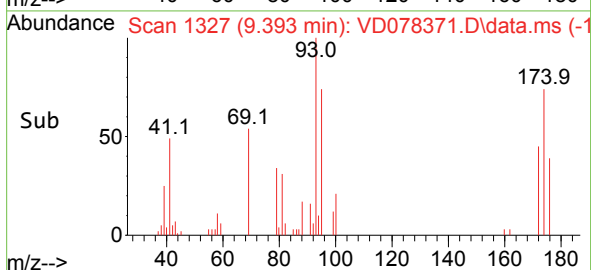
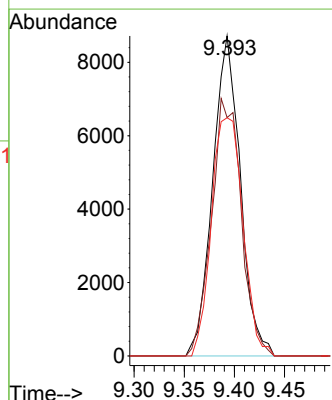
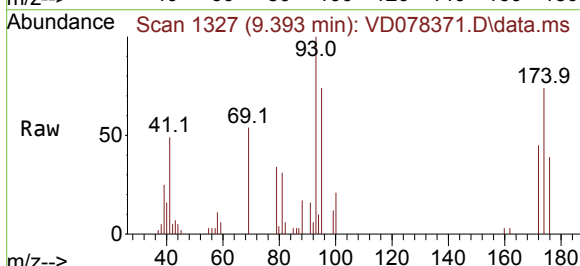
Tgt Ion: 93 Resp: 16698

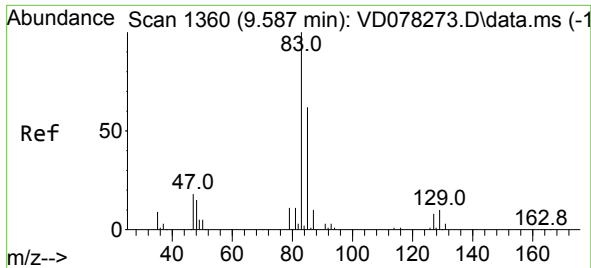
Ion Ratio Lower Upper

93 100

95 86.6 67.7 101.5

174 85.2 85.4 128.2#

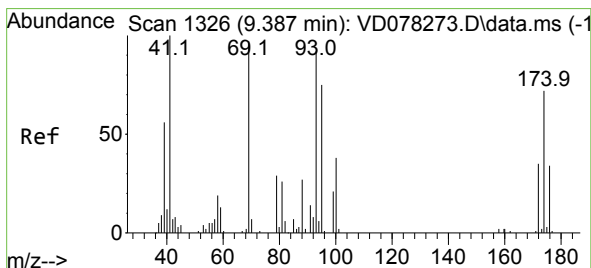
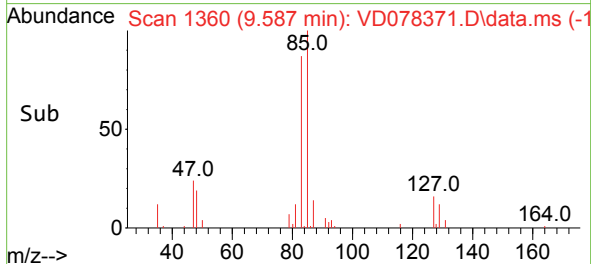
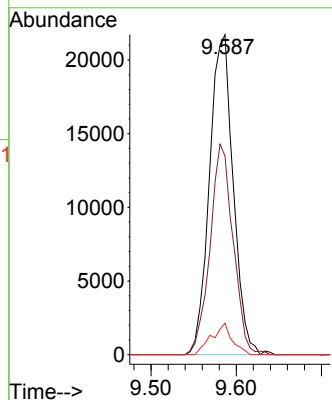
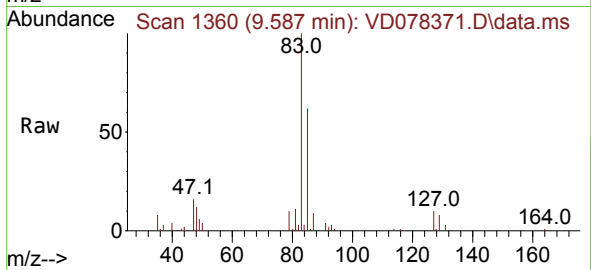




#47
Bromodichloromethane
Concen: 17.317 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

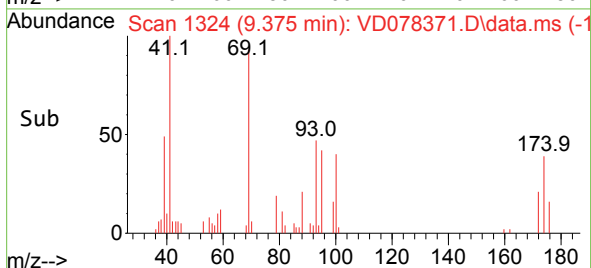
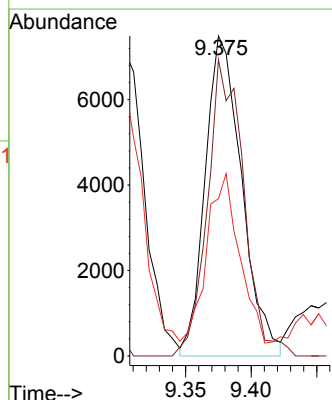
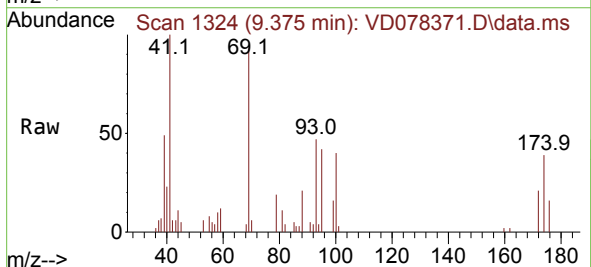
Instrument :
MSVOA_D
ClientSampleId :

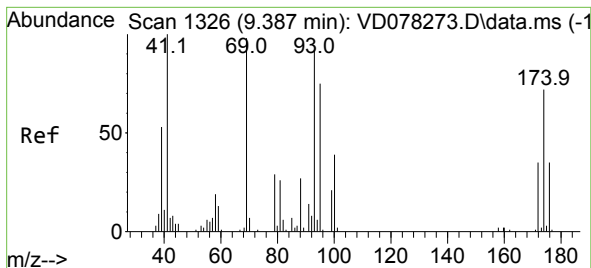
Tgt Ion: 83 Resp: 42022
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.4
127 9.9 6.3 9.5#



#48
Methyl methacrylate
Concen: 17.664 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.012 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 41 Resp: 14514
Ion Ratio Lower Upper
41 100
69 91.2 102.2 153.2#
39 55.6 41.4 62.2





#49

1,4-Dioxane

Concen: 369.582 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

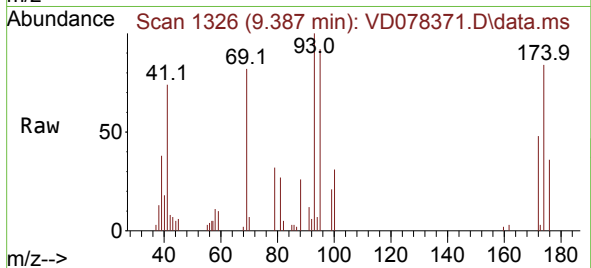
Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :



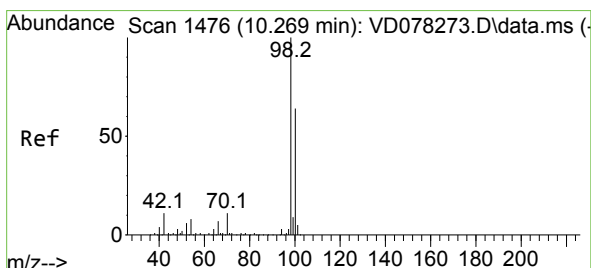
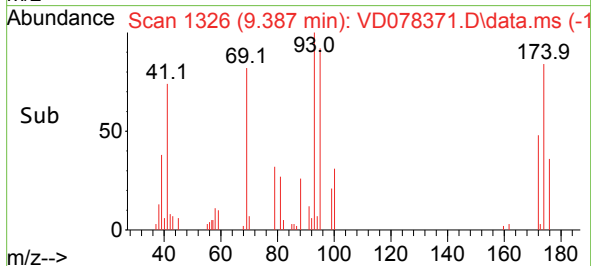
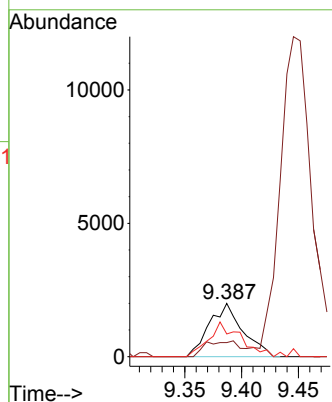
Tgt Ion: 88 Resp: 4089

Ion Ratio Lower Upper

88 100

43 30.7 19.0 28.6#

58 61.2 43.5 65.3



#50

Toluene-d8

Concen: 33.304 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078371.D

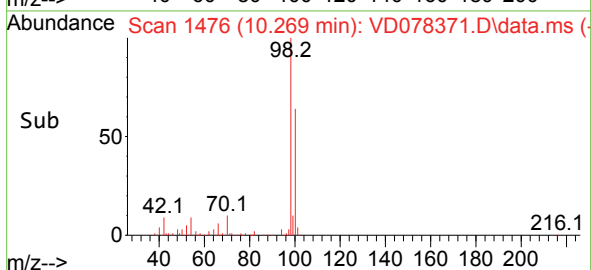
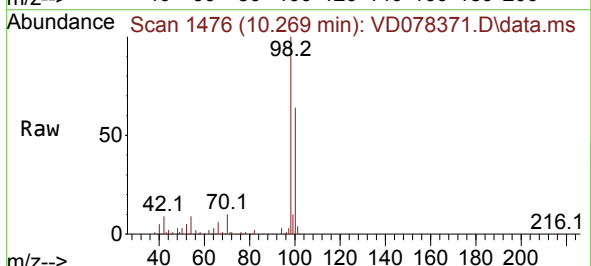
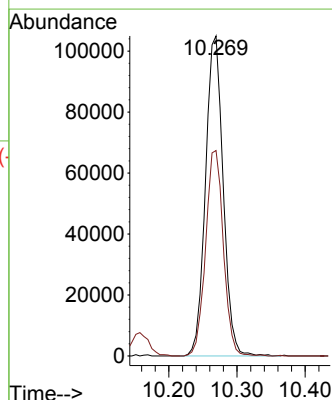
Acq: 08 Feb 2024 16:05

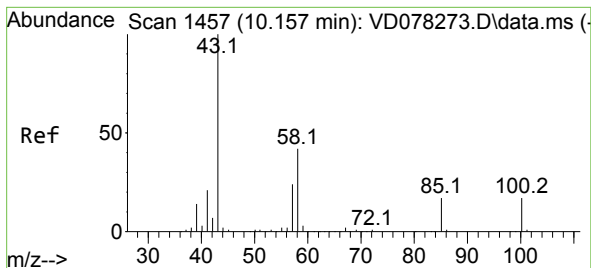
Tgt Ion: 98 Resp: 189471

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

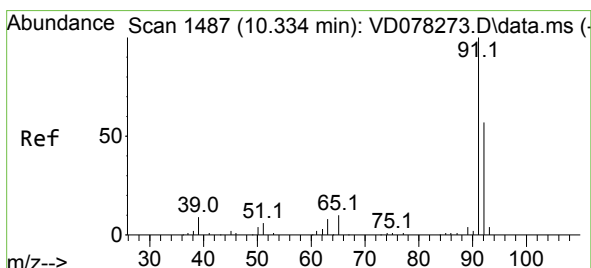
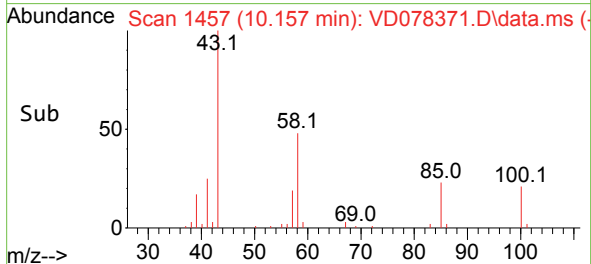
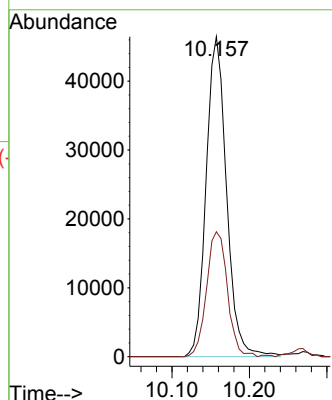
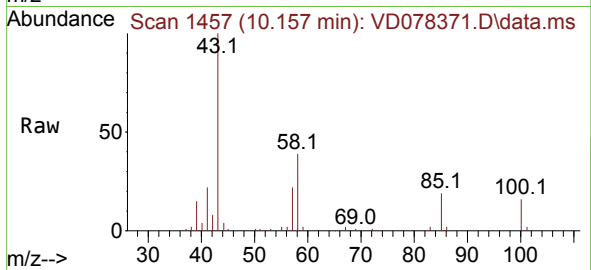




#51
4-Methyl-2-Pentanone
Concen: 91.460 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

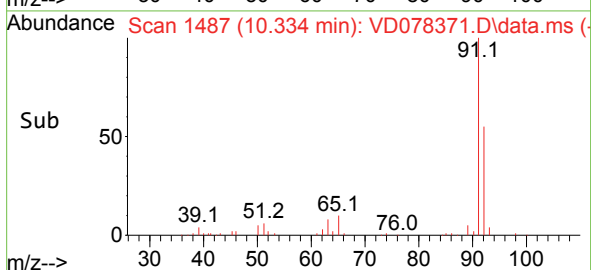
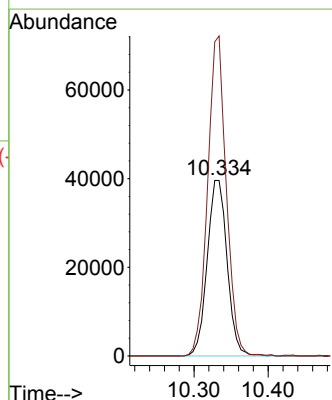
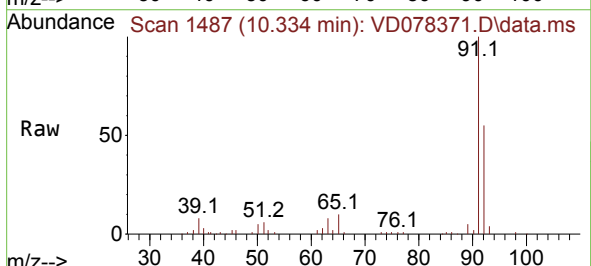
Instrument :
MSVOA_D
ClientSampleId :

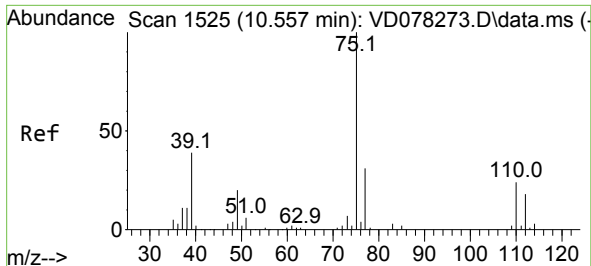
Tgt Ion: 43 Resp: 85076
Ion Ratio Lower Upper
43 100
58 40.0 38.9 58.3



#52
Toluene
Concen: 16.733 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 92 Resp: 73793
Ion Ratio Lower Upper
92 100
91 170.9 143.0 214.4

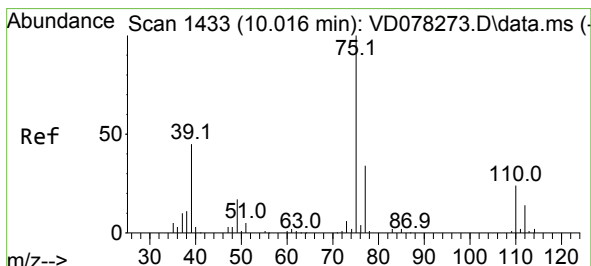
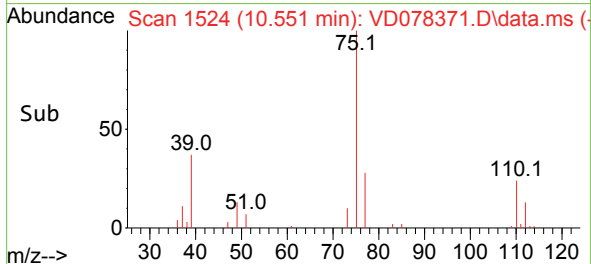
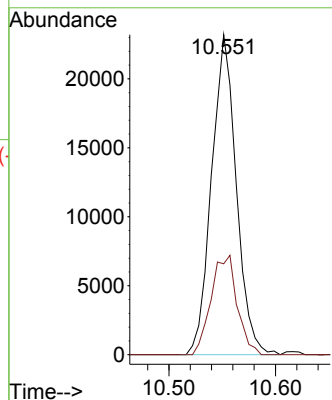
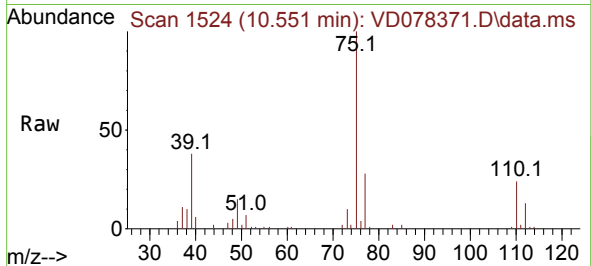




#53
 t-1,3-Dichloropropene
 Concen: 16.512 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

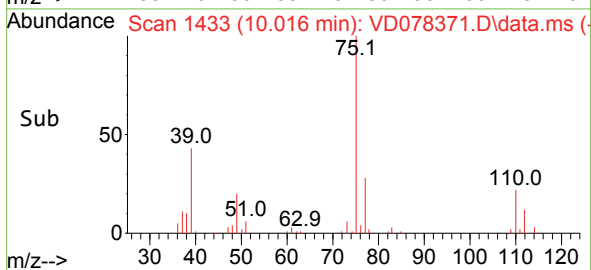
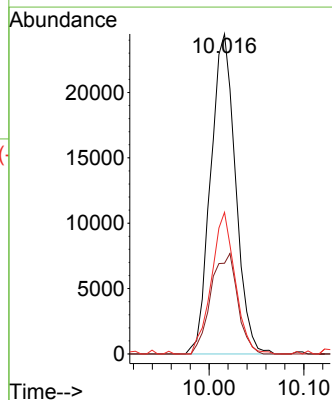
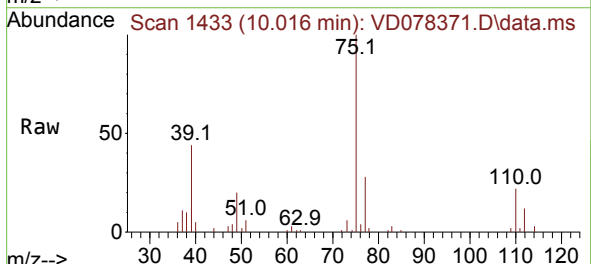
Instrument :
 MSVOA_D
 ClientSampleId :

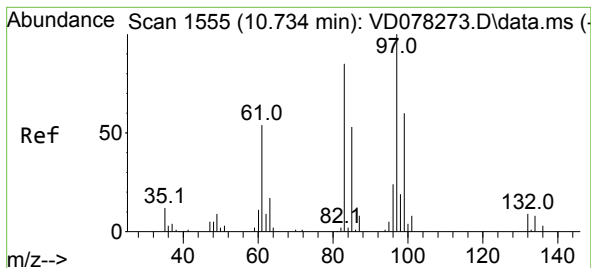
Tgt Ion: 75 Resp: 37425
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 16.633 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

Tgt Ion: 75 Resp: 44633
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.5 38.3
 39 44.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.175 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 23392

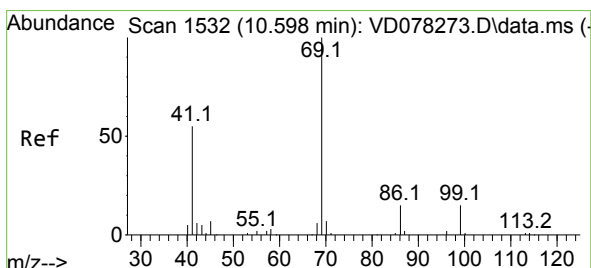
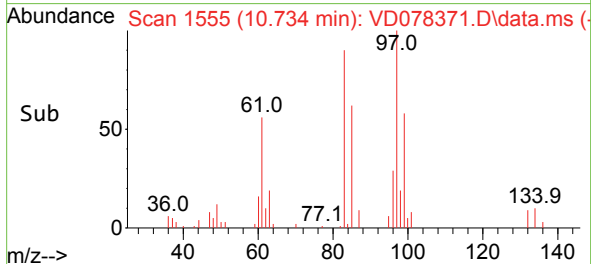
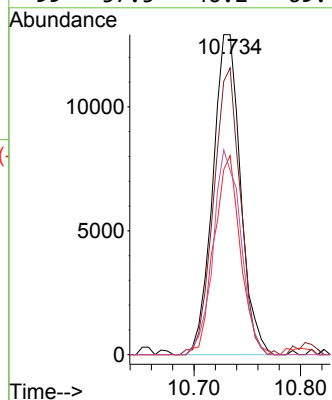
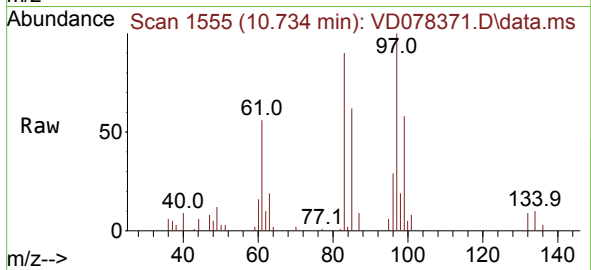
Ion Ratio Lower Upper

97 100

83 89.6 65.8 98.6

85 62.2 45.7 68.5

99 57.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 16.876 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

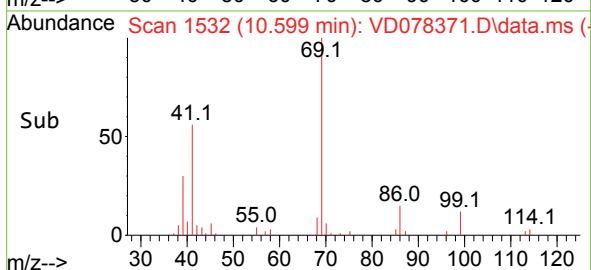
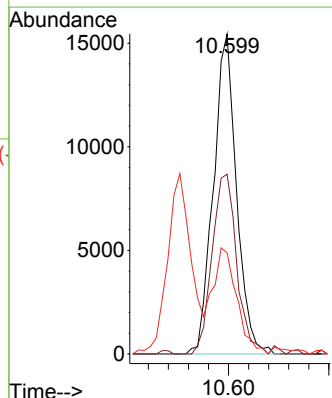
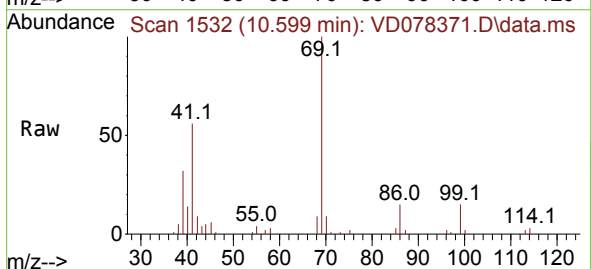
Tgt Ion: 69 Resp: 24637

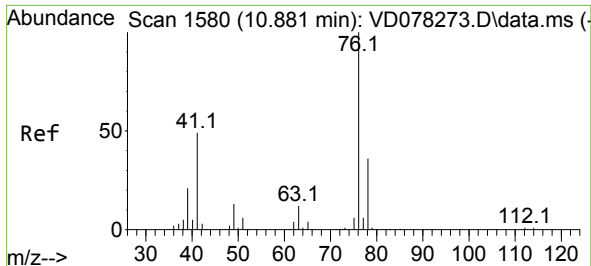
Ion Ratio Lower Upper

69 100

41 59.8 39.1 58.7#

39 34.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 17.155 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

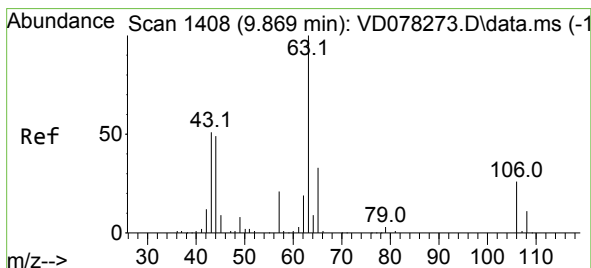
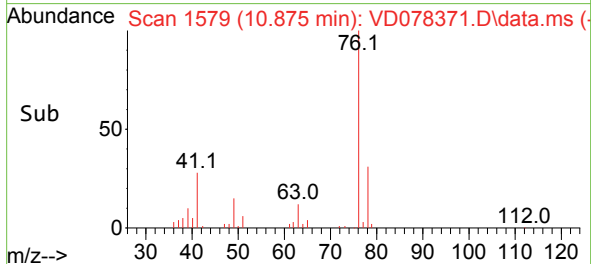
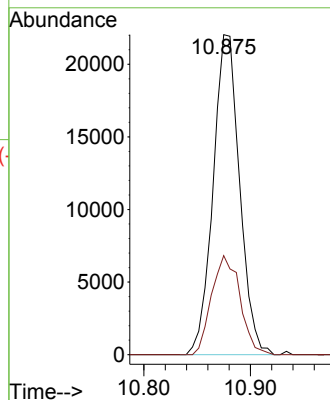
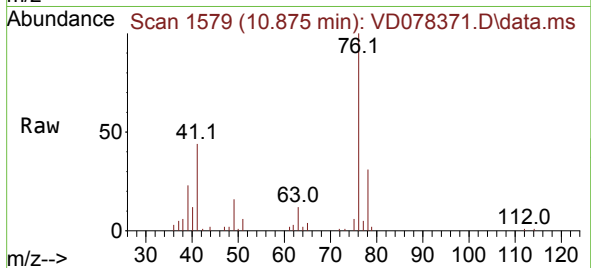
ClientSampleId :

Tgt Ion: 76 Resp: 38072

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 69.447 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078371.D

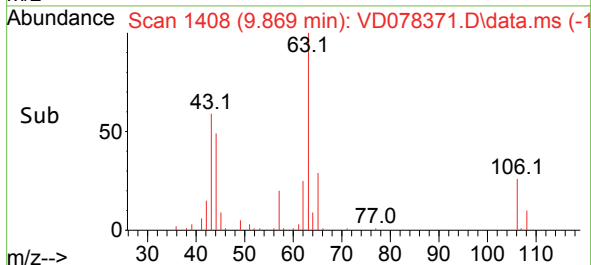
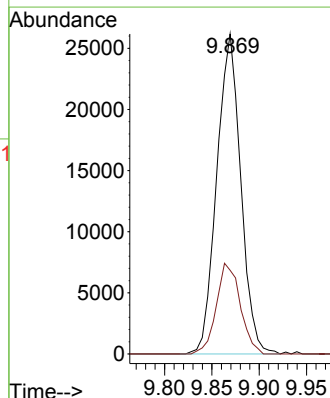
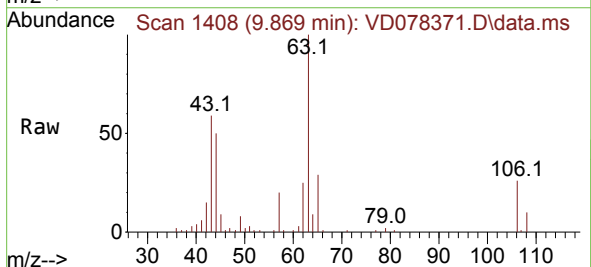
Acq: 08 Feb 2024 16:05

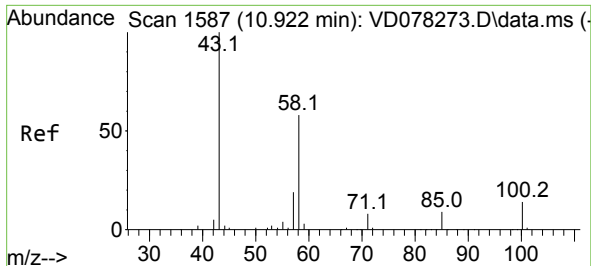
Tgt Ion: 63 Resp: 46105

Ion Ratio Lower Upper

63 100

106 28.3 25.3 37.9

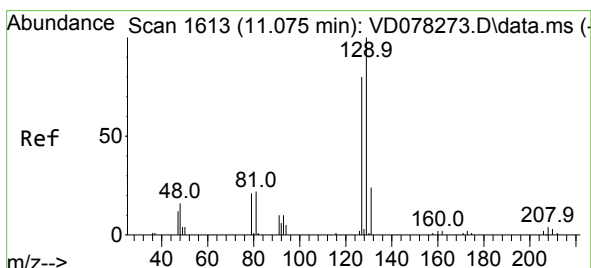
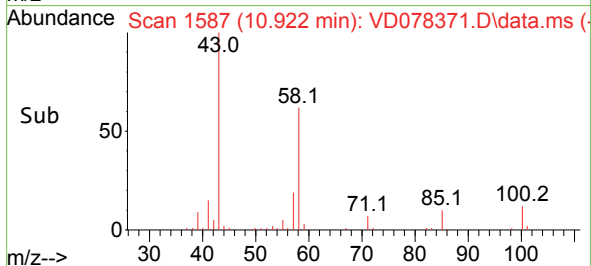
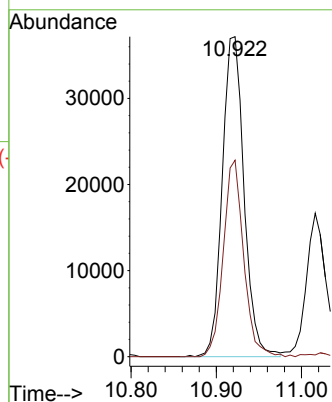
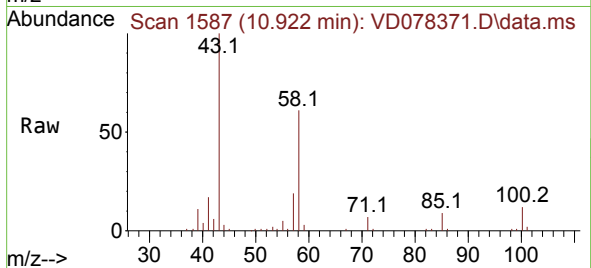




#59
2-Hexanone
Concen: 94.305 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

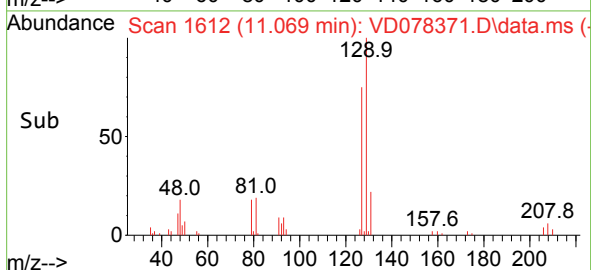
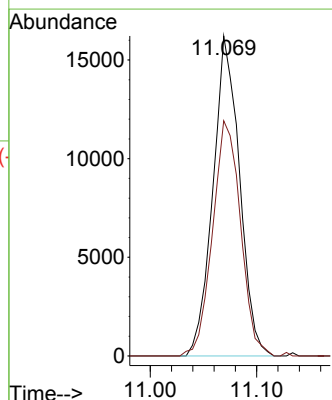
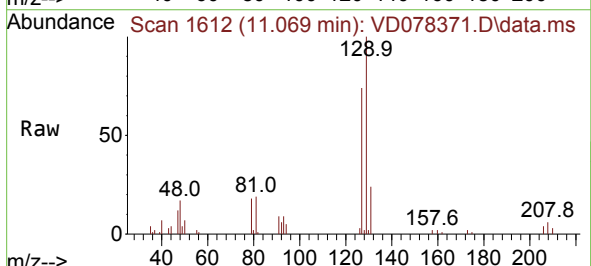
Instrument :
MSVOA_D
ClientSampleId :

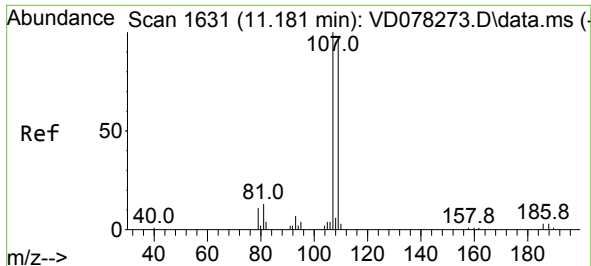
Tgt Ion: 43 Resp: 66067
Ion Ratio Lower Upper
43 100
58 57.6 34.1 102.2



#60
Dibromochloromethane
Concen: 18.778 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 129 Resp: 28055
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

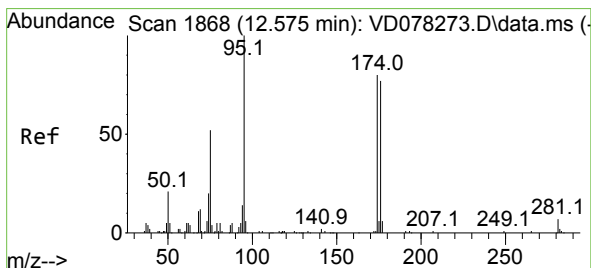
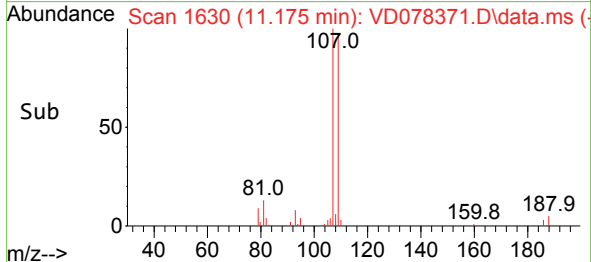
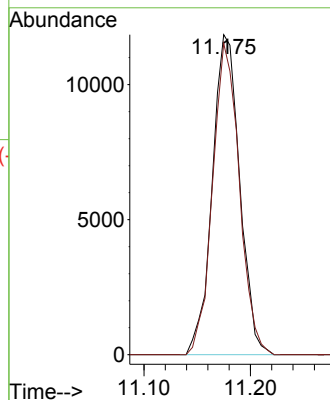
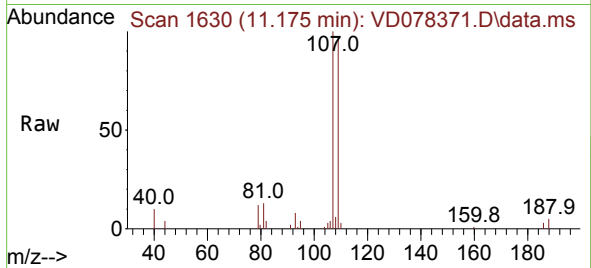




#61
1,2-Dibromoethane
Concen: 17.440 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

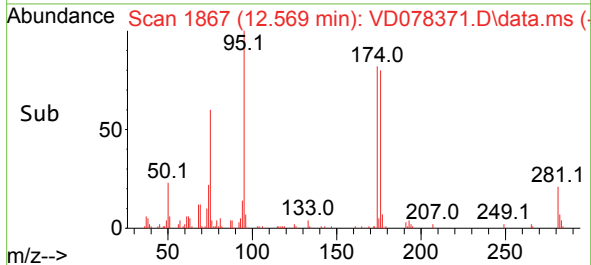
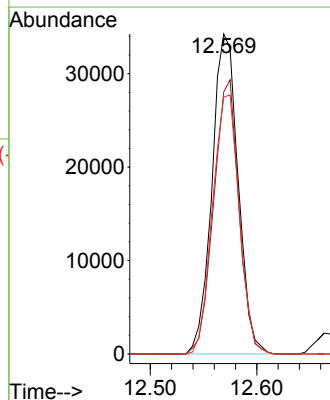
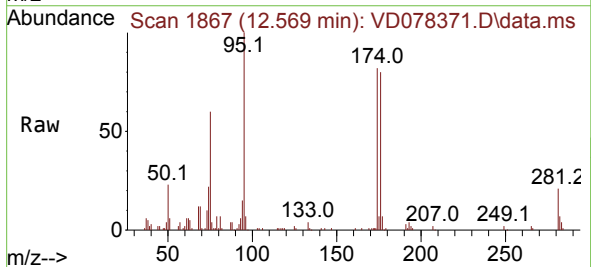
Instrument :
MSVOA_D
ClientSampleId :

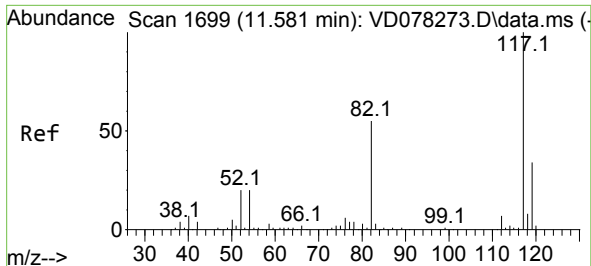
Tgt Ion:107 Resp: 21192
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 34.117 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 95 Resp: 58126
Ion Ratio Lower Upper
95 100
174 82.8 0.0 201.8
176 82.4 0.0 191.8

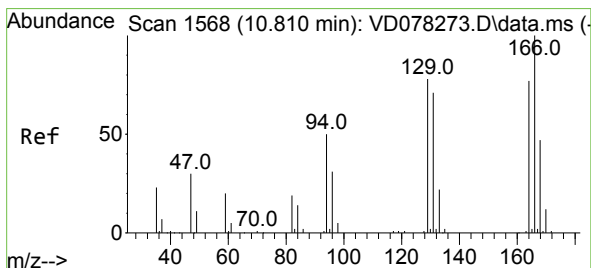
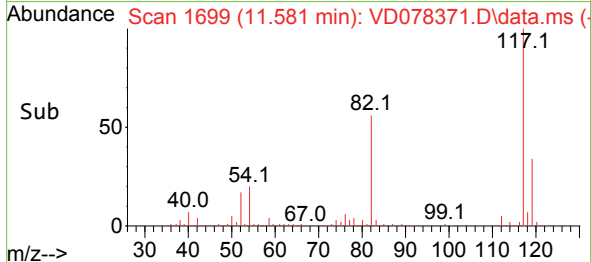
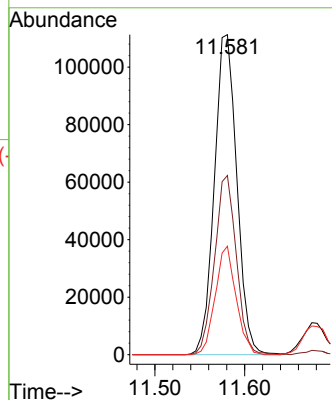
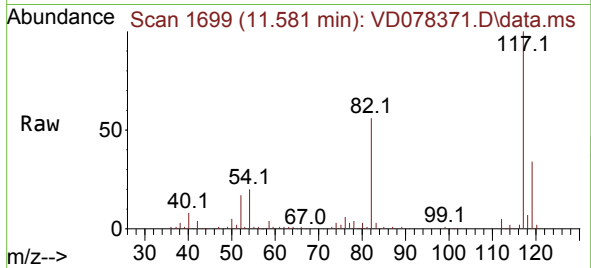




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

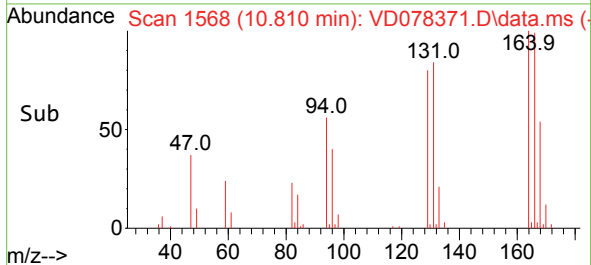
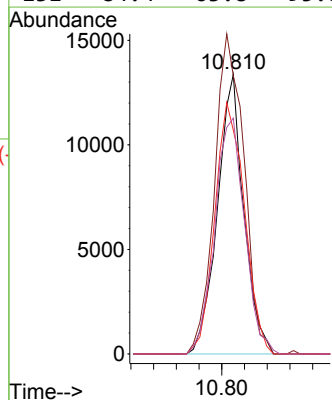
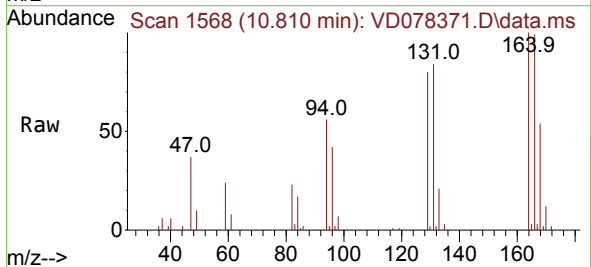
Instrument :
MSVOA_D
ClientSampleId :

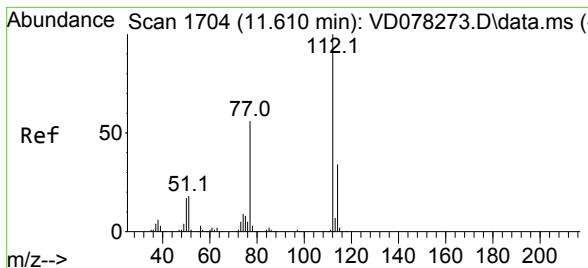
Tgt Ion:117 Resp: 193889
Ion Ratio Lower Upper
117 100
82 56.0 38.3 57.5
119 33.9 25.0 37.4



#64
Tetrachloroethene
Concen: 15.894 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion:164 Resp: 21493
Ion Ratio Lower Upper
164 100
166 99.5 99.2 148.8
129 80.0 68.4 102.6
131 84.4 63.8 95.8

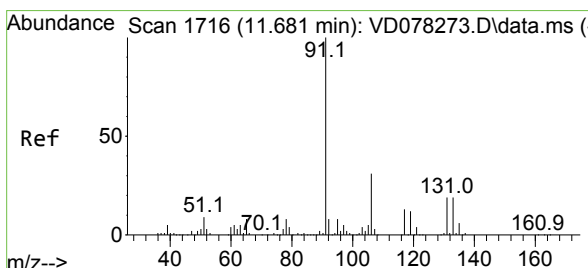
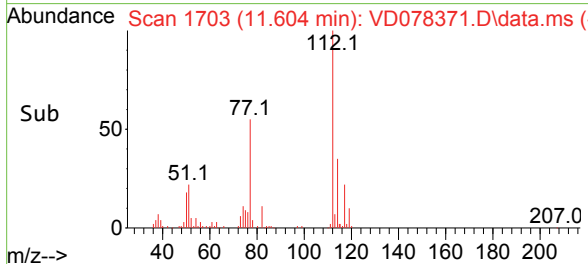
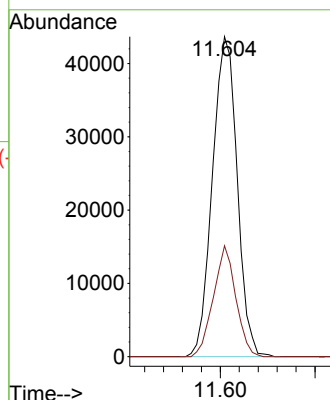
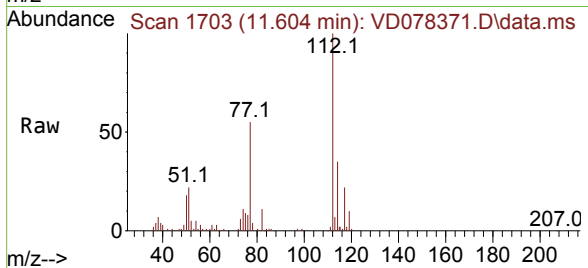




#65
Chlorobenzene
Concen: 17.056 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

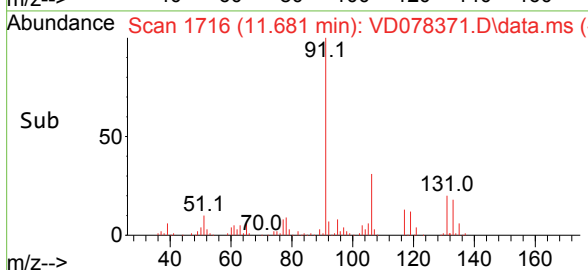
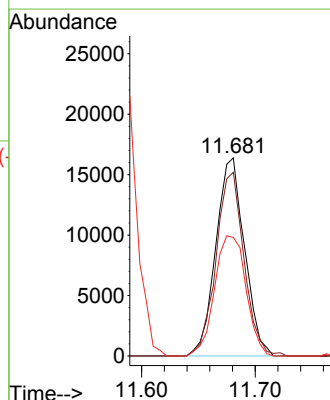
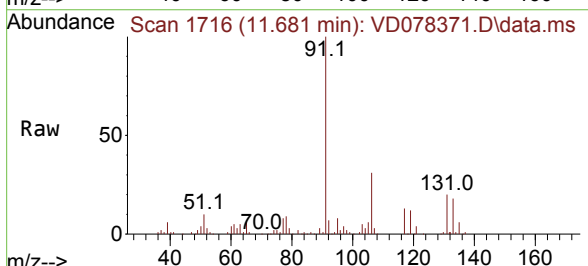
Instrument :
MSVOA_D
ClientSampleId :

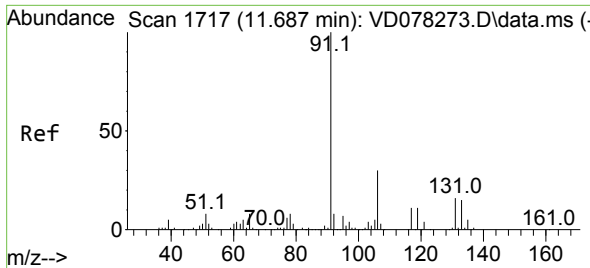
Tgt Ion:112 Resp: 79118
Ion Ratio Lower Upper
112 100
114 34.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.401 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion:131 Resp: 28739
Ion Ratio Lower Upper
131 100
133 90.4 48.5 145.5
119 66.5 35.6 106.9

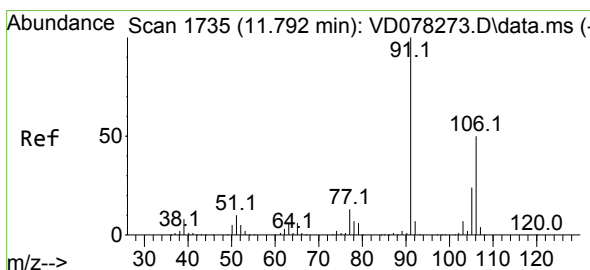
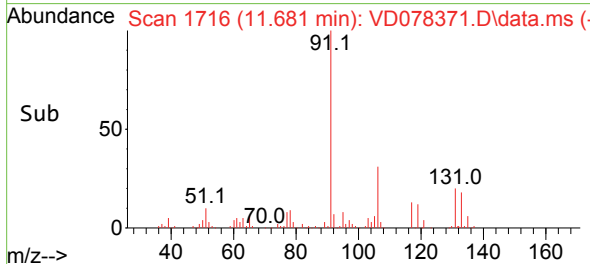
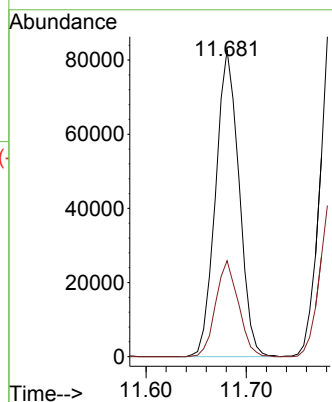
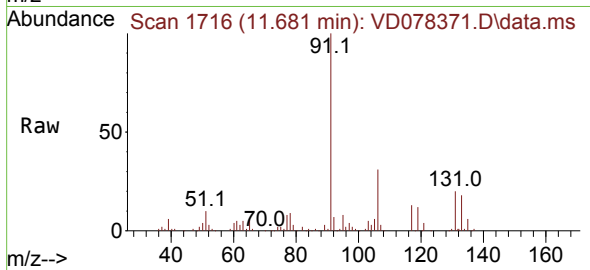




#67
Ethyl Benzene
Concen: 15.960 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

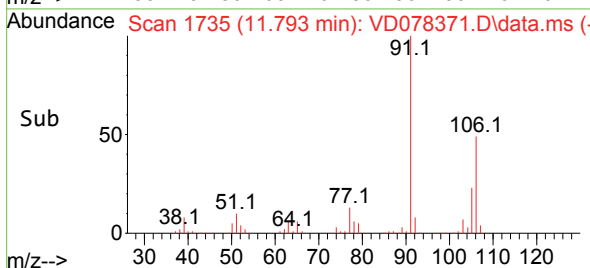
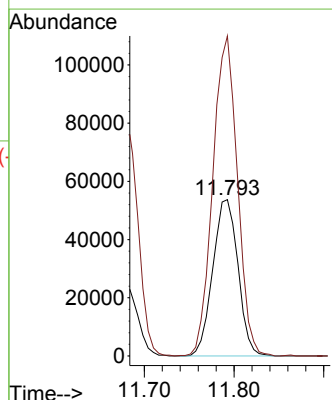
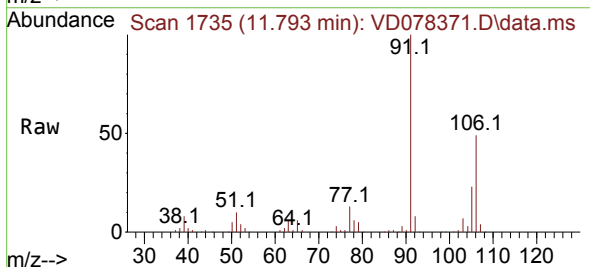
Instrument :
MSVOA_D
ClientSampleId :

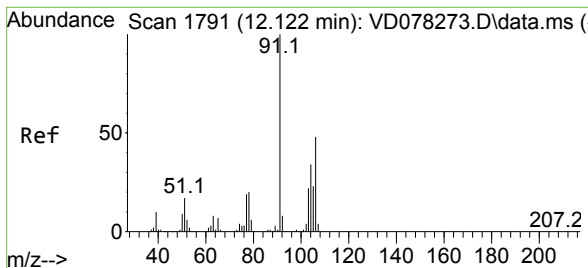
Tgt Ion: 91 Resp: 134101
Ion Ratio Lower Upper
91 100
106 31.3 26.5 39.7



#68
m/p-Xylenes
Concen: 32.382 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion:106 Resp: 104679
Ion Ratio Lower Upper
106 100
91 200.1 147.0 220.6

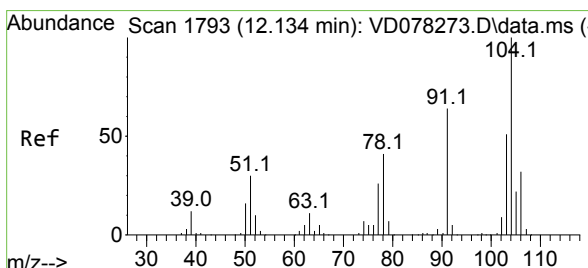
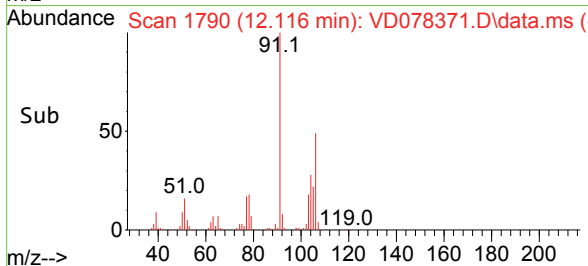
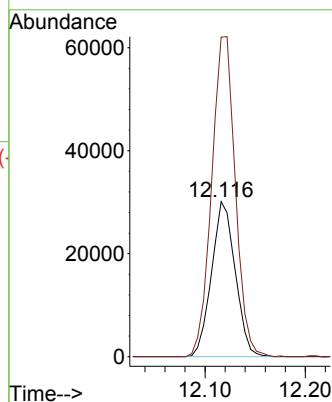
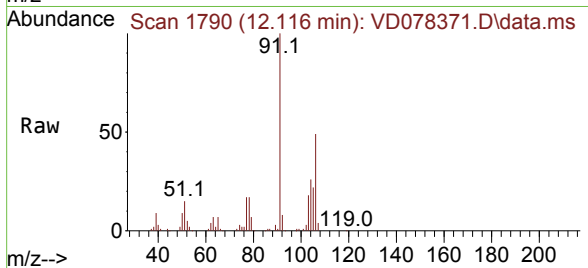




#69
o-Xylene
Concen: 16.630 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

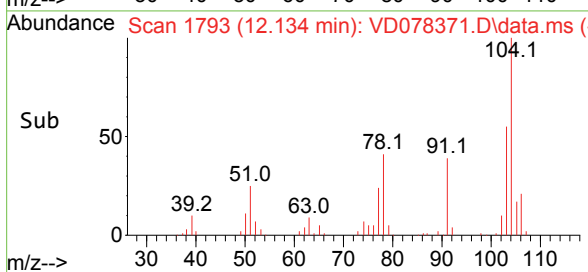
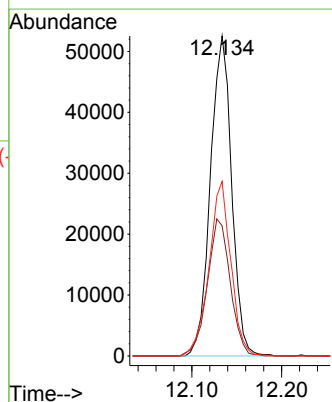
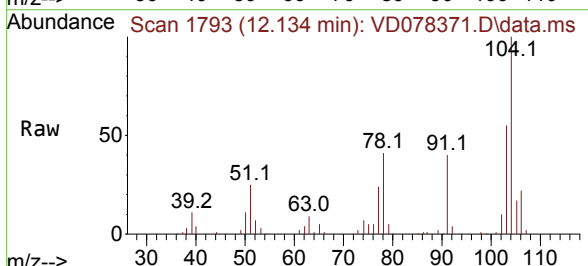
Instrument :
MSVOA_D
ClientSampleId :

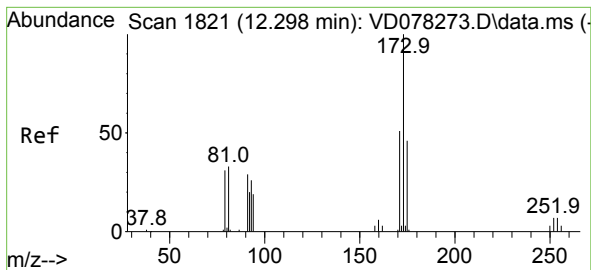
Tgt Ion:106 Resp: 49403
Ion Ratio Lower Upper
106 100
91 206.6 97.9 293.6



#70
Styrene
Concen: 16.997 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion:104 Resp: 86231
Ion Ratio Lower Upper
104 100
78 46.3 33.2 49.8
103 56.1 43.6 65.4





#71

Bromoform

Concen: 19.188 ug/l

RT: 12.293 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

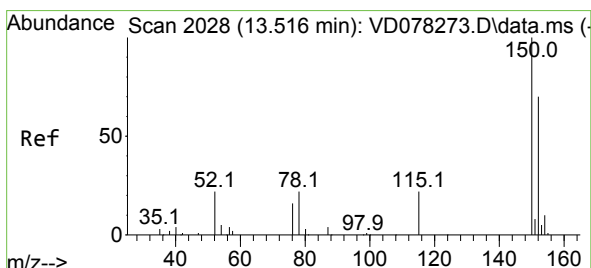
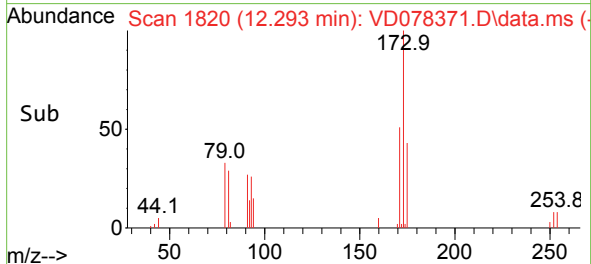
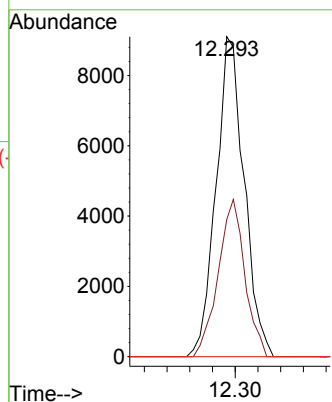
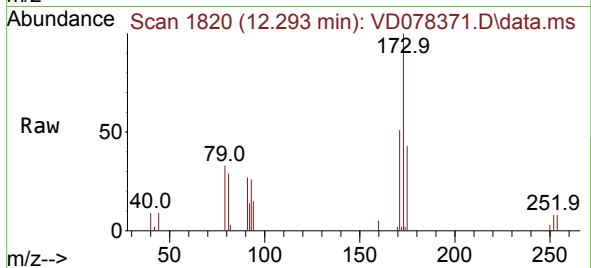
Tgt Ion:173 Resp: 15608

Ion Ratio Lower Upper

173 100

175 46.7 24.6 73.8

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: VD078371.D

Acq: 08 Feb 2024 16:05

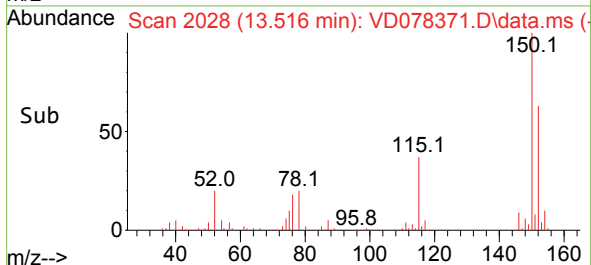
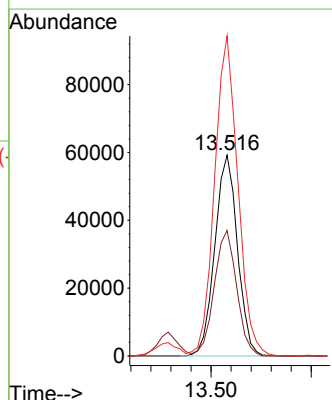
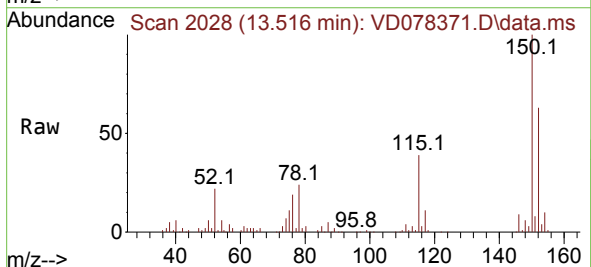
Tgt Ion:152 Resp: 92754

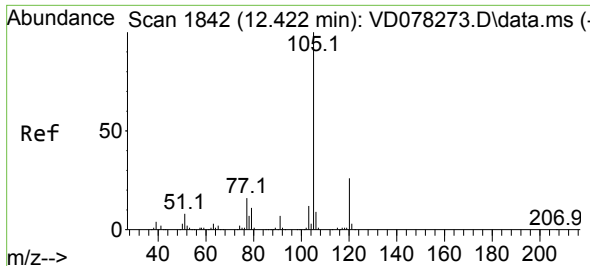
Ion Ratio Lower Upper

152 100

115 62.1 27.1 81.3

150 164.1 0.0 353.6

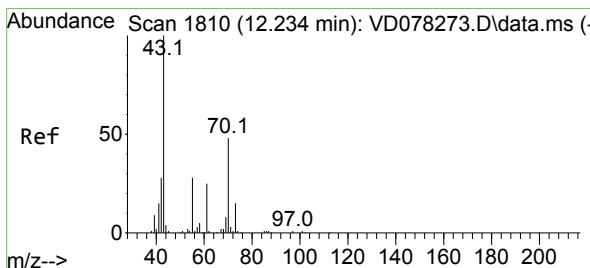
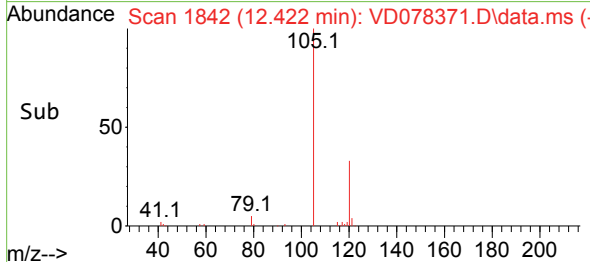
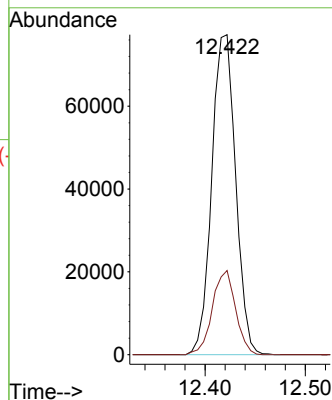
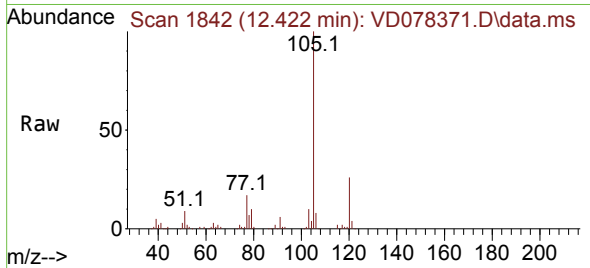




#73
Isopropylbenzene
Concen: 16.285 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

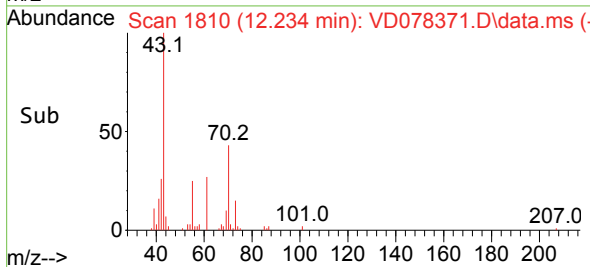
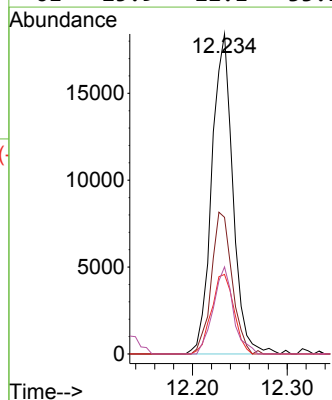
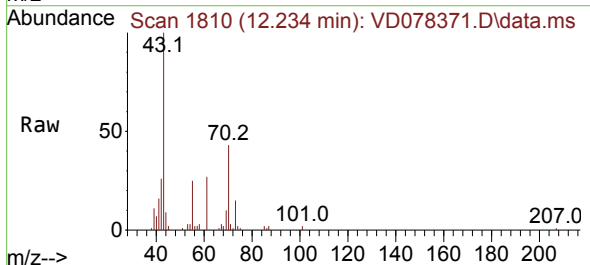
Instrument :
MSVOA_D
ClientSampleId :

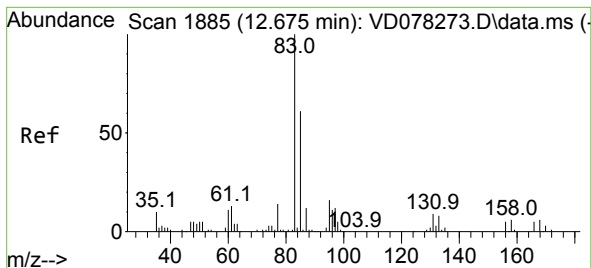
Tgt Ion:105 Resp: 127804
Ion Ratio Lower Upper
105 100
120 25.5 14.3 42.9



#74
N-ethyl acetate
Concen: 17.538 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 43 Resp: 28466
Ion Ratio Lower Upper
43 100
70 43.7 45.0 67.4#
55 26.4 23.8 35.6
61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.263 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

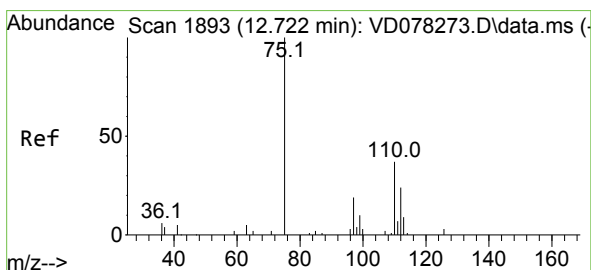
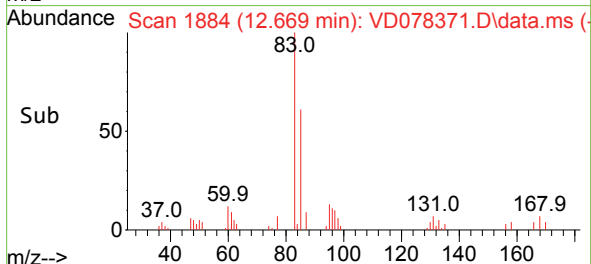
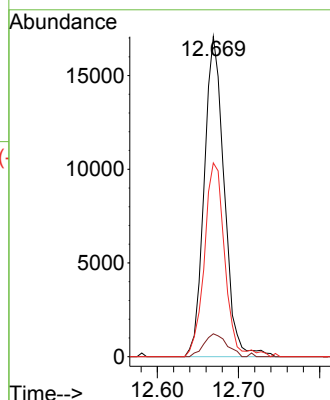
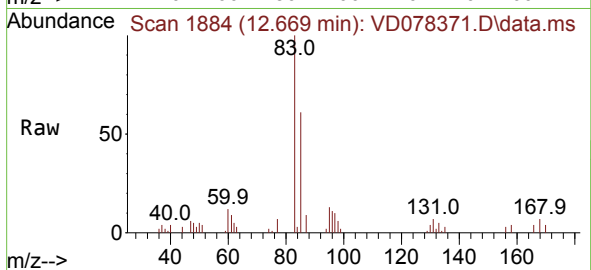
Tgt Ion: 83 Resp: 29193

Ion Ratio Lower Upper

83 100

131 8.1 5.1 15.3

85 62.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 32.469 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD078371.D

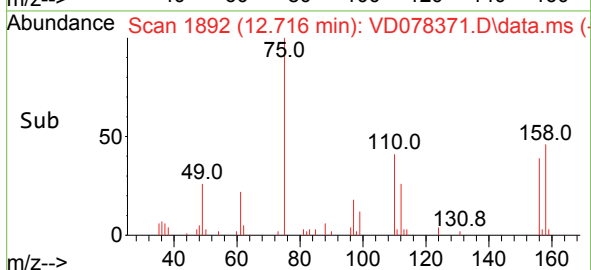
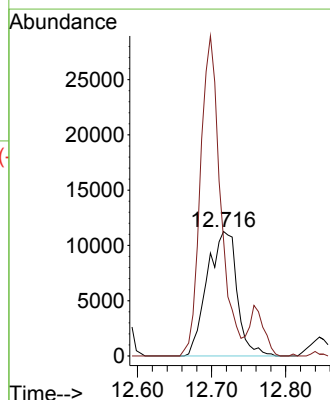
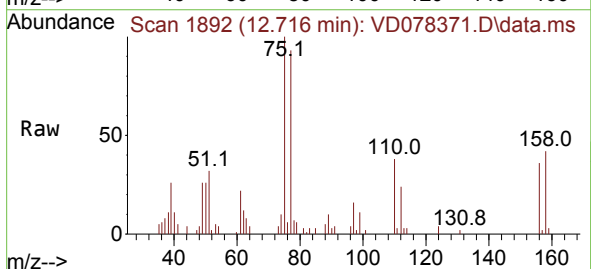
Acq: 08 Feb 2024 16:05

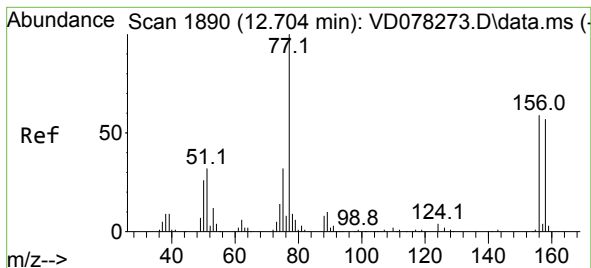
Tgt Ion: 75 Resp: 31477

Ion Ratio Lower Upper

75 100

77 173.3 0.0 0.0#





#77

Bromobenzene

Concen: 16.916 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078371.D

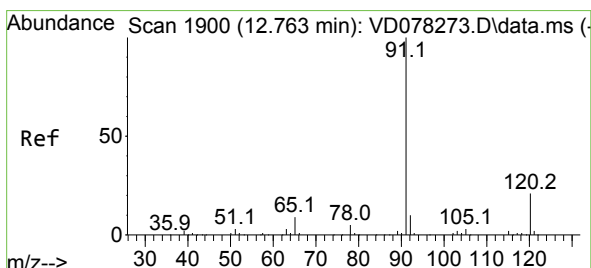
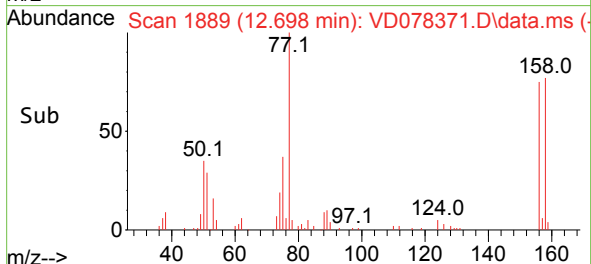
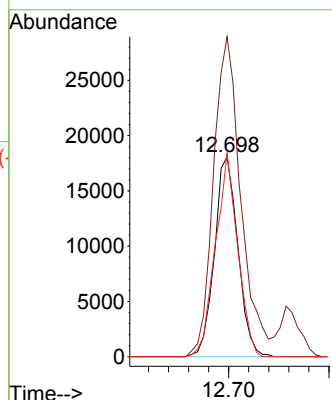
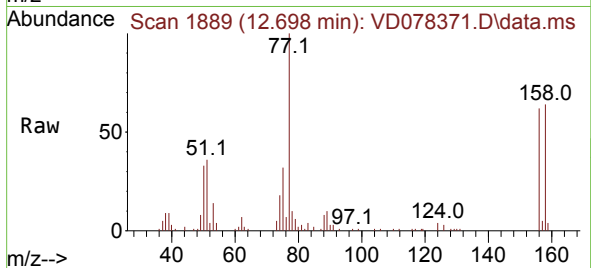
Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:156	Resp:	29214
Ion Ratio	Lower	Upper
156	100	
77	186.8	76.8 230.4
158	97.0	48.6 145.9



#78

n-propylbenzene

Concen: 17.086 ug/l

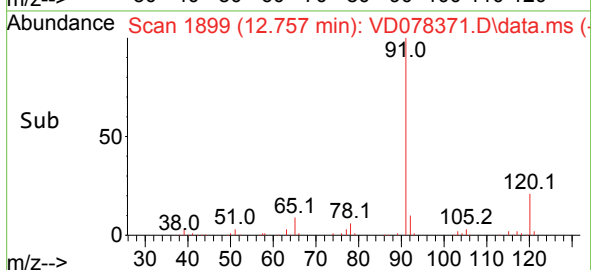
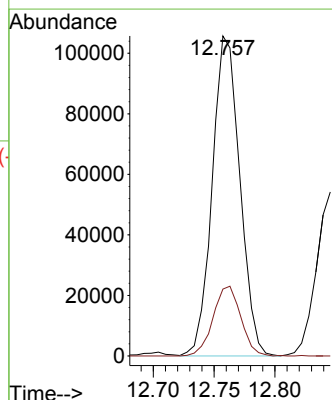
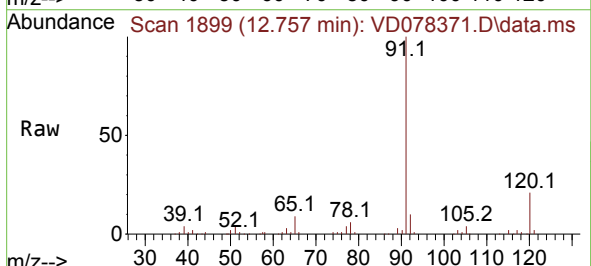
RT: 12.757 min Scan# 1899

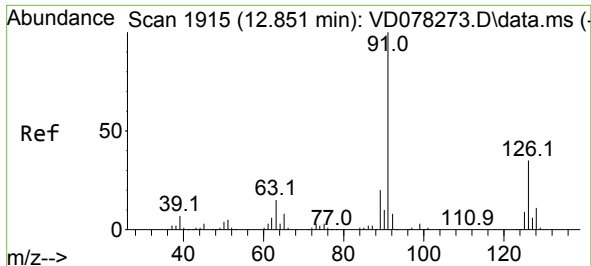
Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Tgt Ion: 91	Resp:	167027
Ion Ratio	Lower	Upper
91	100	
120	21.9	12.4 37.2

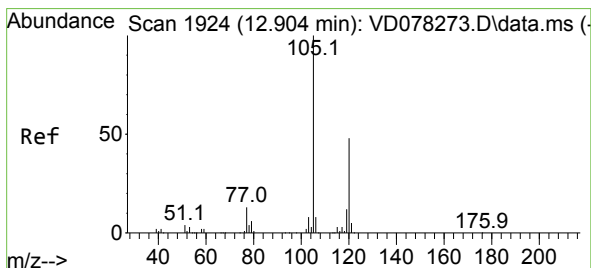
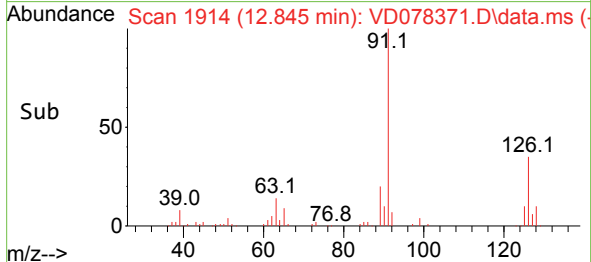
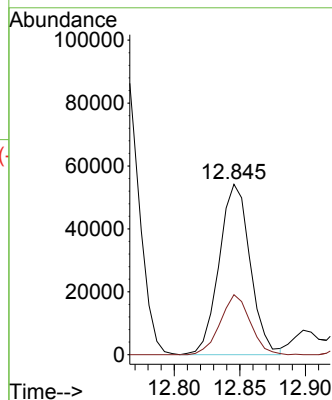
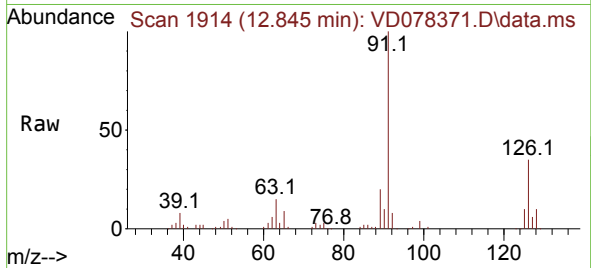




#79
2-Chlorotoluene
Concen: 17.082 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

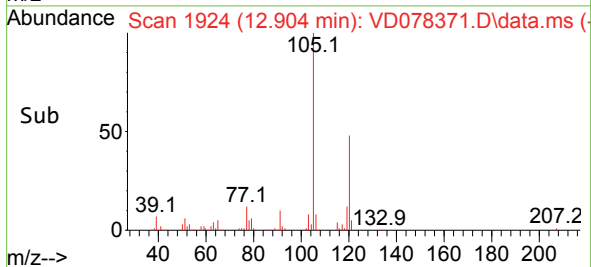
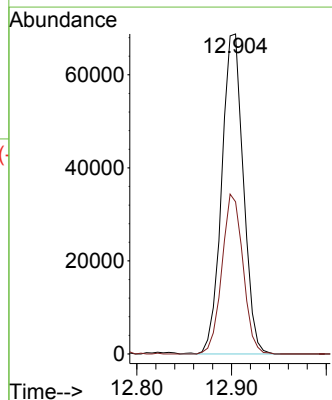
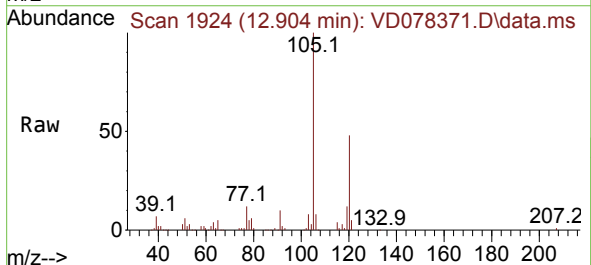
Instrument :
MSVOA_D
ClientSampleId :

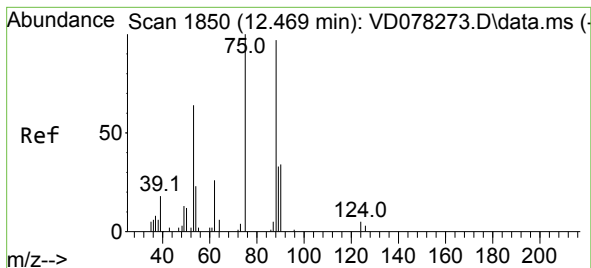
Tgt Ion: 91 Resp: 89392
Ion Ratio Lower Upper
91 100
126 33.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 17.121 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 105 Resp: 109309
Ion Ratio Lower Upper
105 100
120 48.6 26.4 79.2

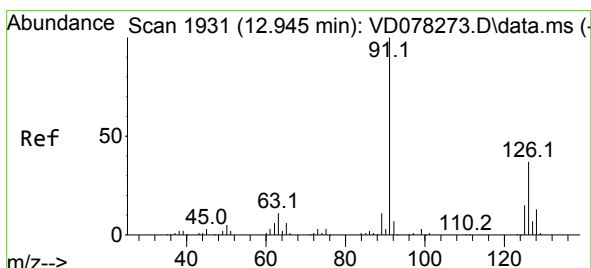
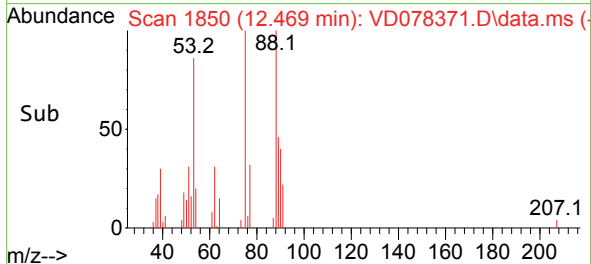
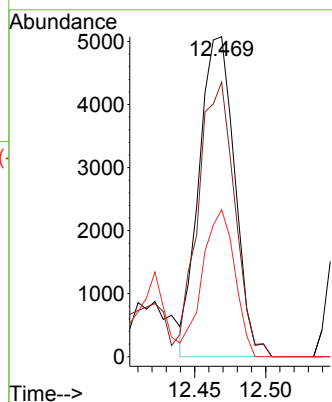
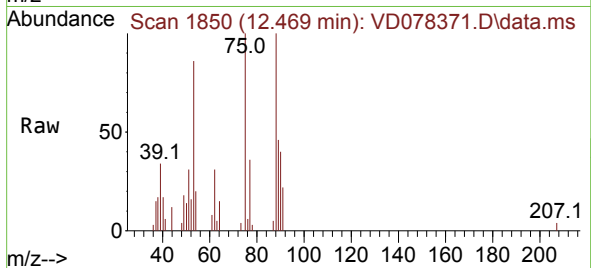




#81
trans-1,4-Dichloro-2-butene
Concen: 18.088 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

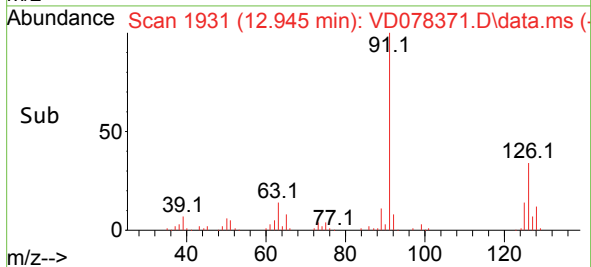
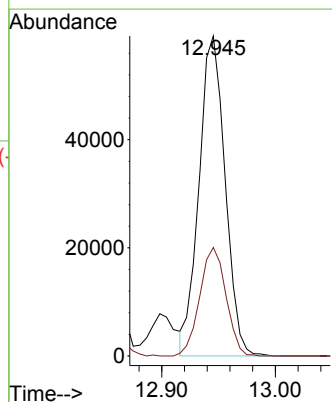
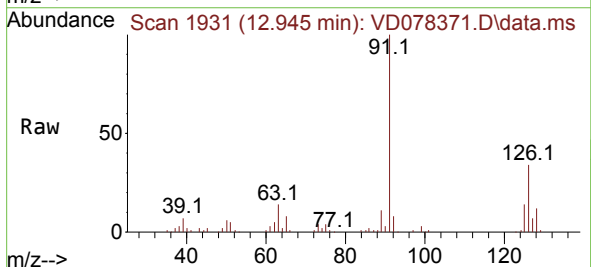
Instrument :
MSVOA_D
ClientSampleId :

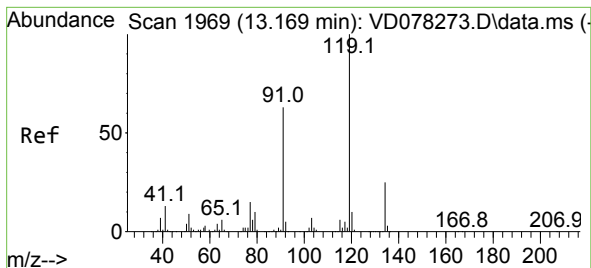
Tgt Ion: 75 Resp: 8817
Ion Ratio Lower Upper
75 100
53 88.7 63.0 94.4
89 41.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 16.940 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion: 91 Resp: 94507
Ion Ratio Lower Upper
91 100
126 34.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 16.438 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

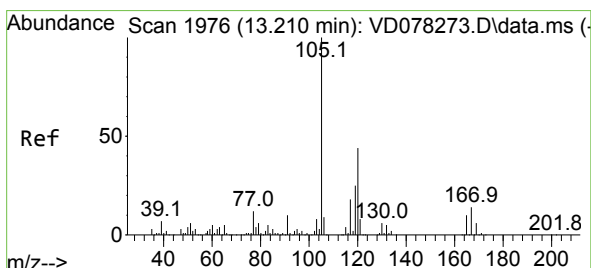
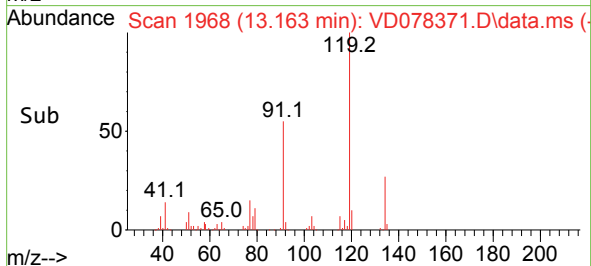
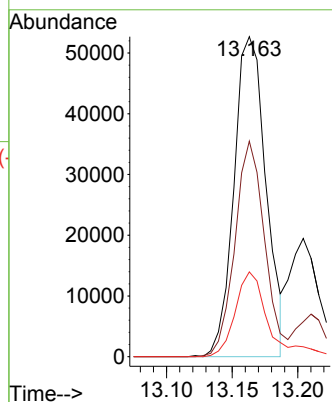
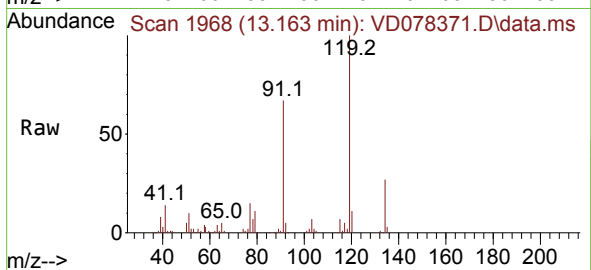
Tgt Ion:119 Resp: 89550

Ion Ratio Lower Upper

119 100

91 62.8 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 16.783 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078371.D

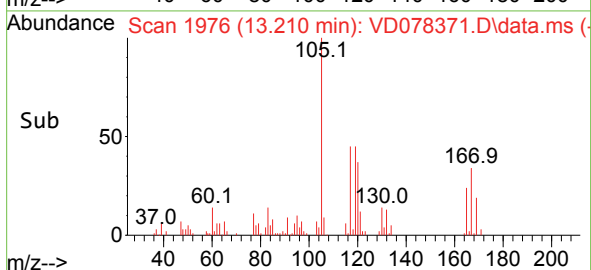
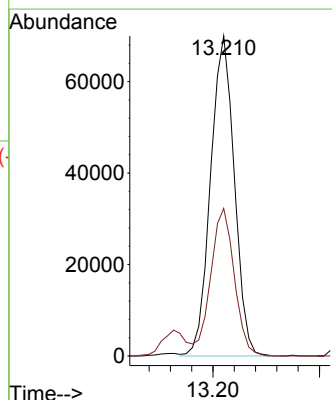
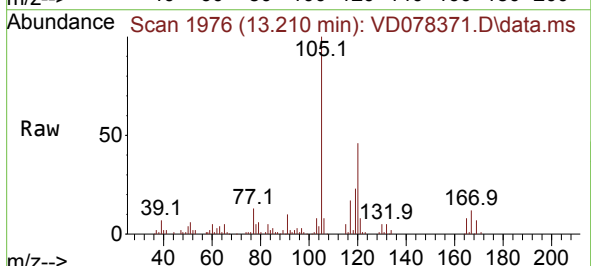
Acq: 08 Feb 2024 16:05

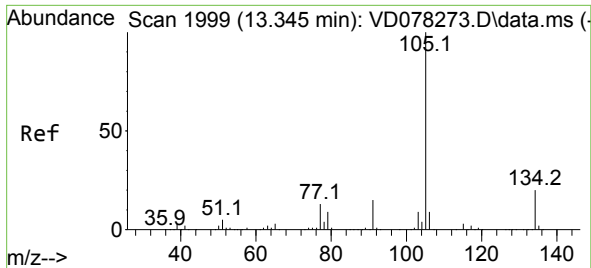
Tgt Ion:105 Resp: 108408

Ion Ratio Lower Upper

105 100

120 45.6 24.3 72.9

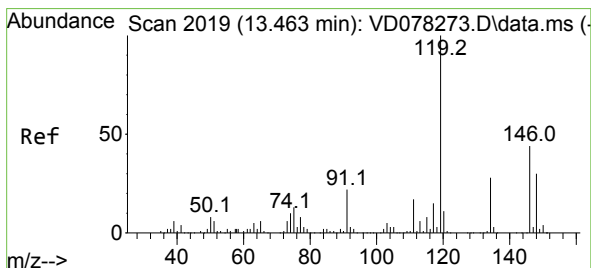
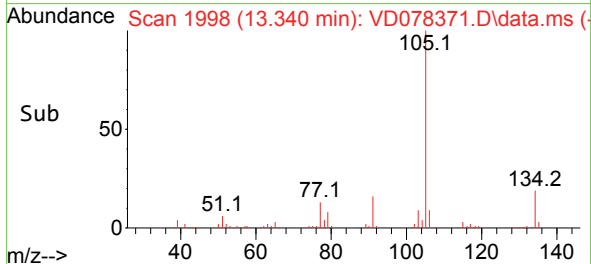
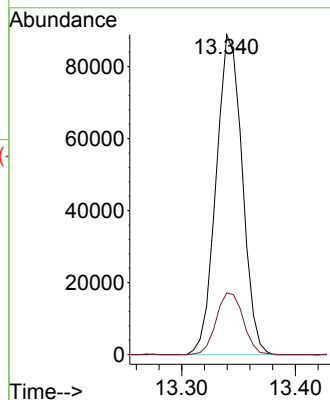
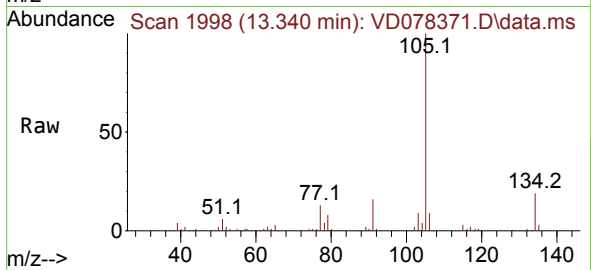




#85
 sec-Butylbenzene
 Concen: 16.597 ug/l
 RT: 13.340 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

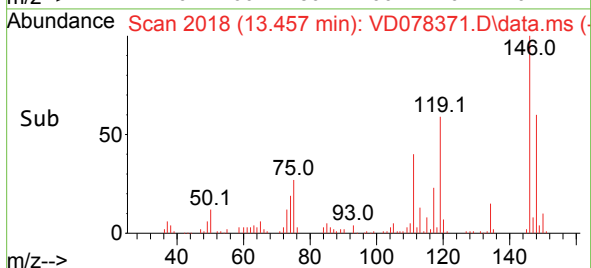
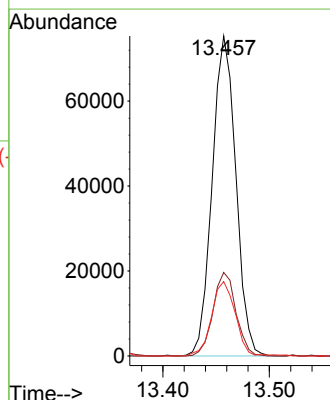
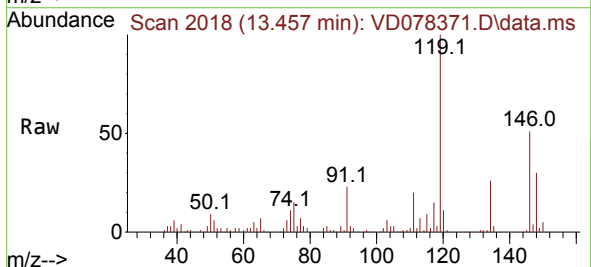
Instrument :
 MSVOA_D
 ClientSampleId :

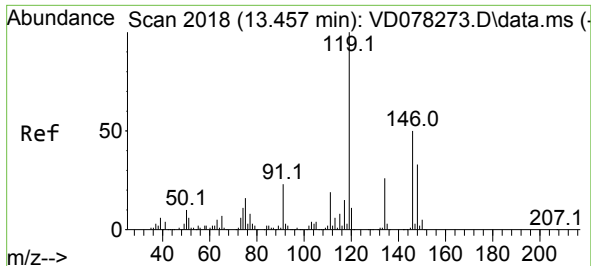
Tgt Ion:105 Resp: 141900
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 16.597 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078371.D
 Acq: 08 Feb 2024 16:05

Tgt Ion:119 Resp: 116227
 Ion Ratio Lower Upper
 119 100
 134 25.3 14.2 42.6
 91 23.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 17.573 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

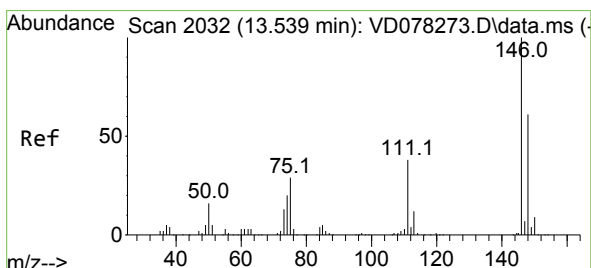
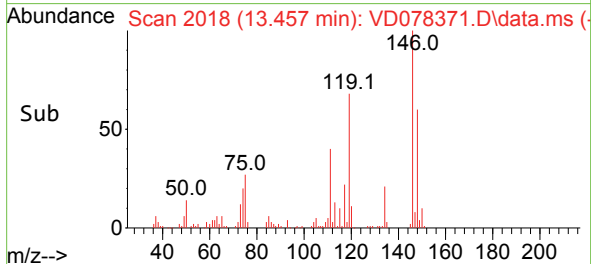
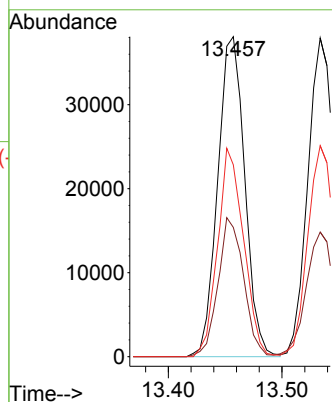
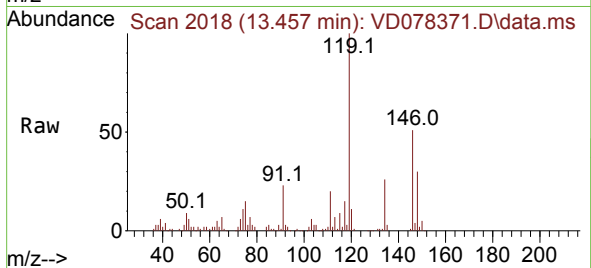
Tgt Ion:146 Resp: 63049

Ion Ratio Lower Upper

146 100

111 41.1 17.9 53.8

148 62.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 17.488 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

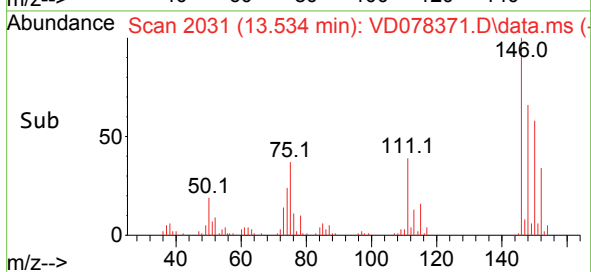
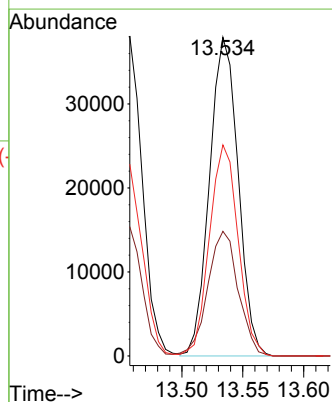
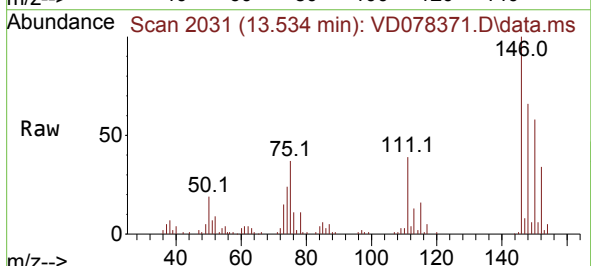
Tgt Ion:146 Resp: 62077

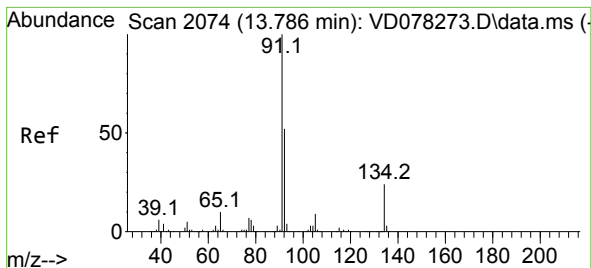
Ion Ratio Lower Upper

146 100

111 41.7 17.4 52.3

148 66.3 31.7 95.1





#89

n-Butylbenzene

Concen: 17.005 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

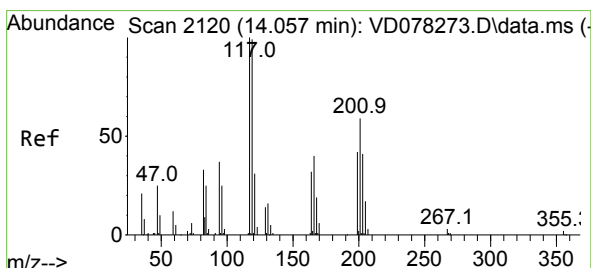
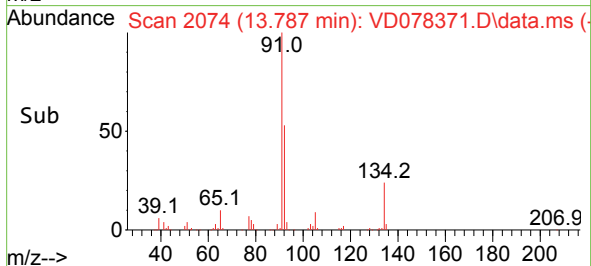
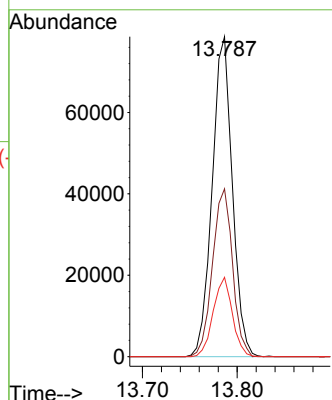
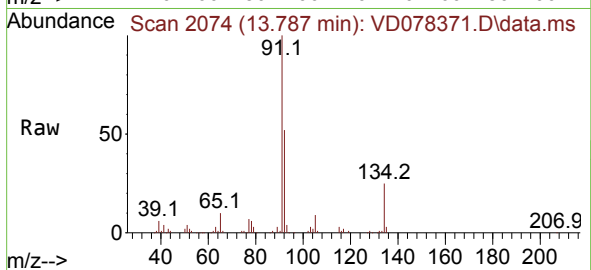
Tgt Ion: 91 Resp: 116037

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 23.6 13.8 41.3



#90

Hexachloroethane

Concen: 18.060 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078371.D

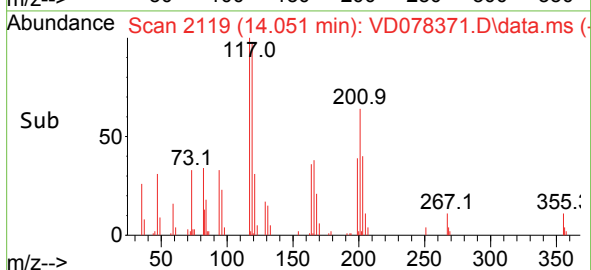
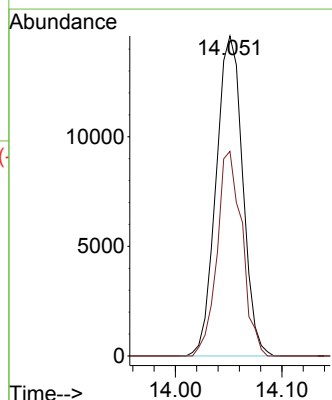
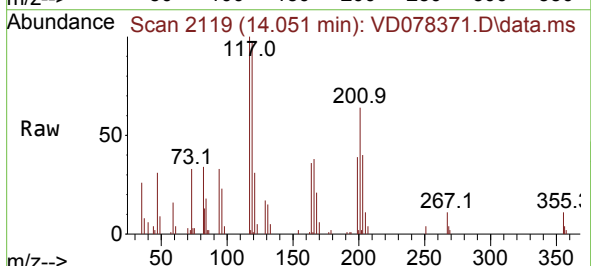
Acq: 08 Feb 2024 16:05

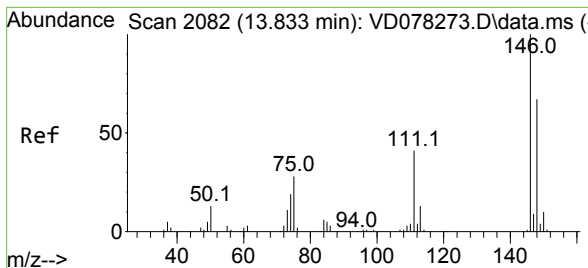
Tgt Ion: 117 Resp: 25260

Ion Ratio Lower Upper

117 100

201 60.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 18.154 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

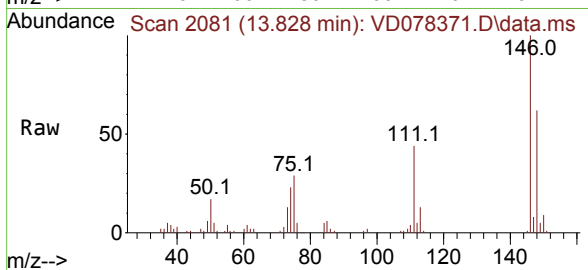
Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :



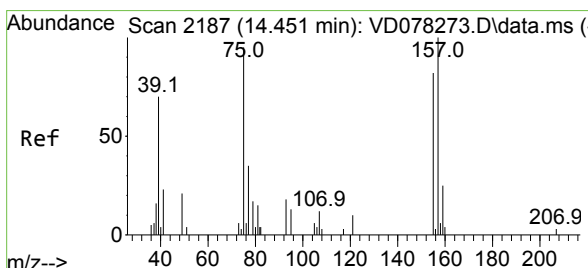
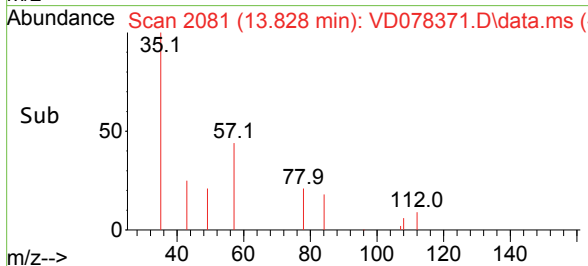
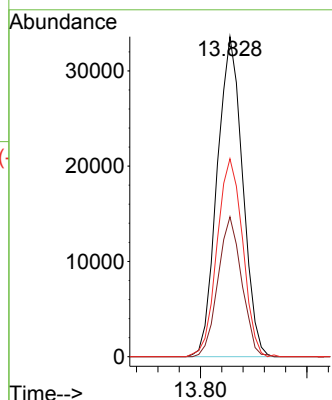
Tgt Ion:146 Resp: 55720

Ion Ratio Lower Upper

146 100

111 40.6 18.3 54.8

148 62.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.077 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.012 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

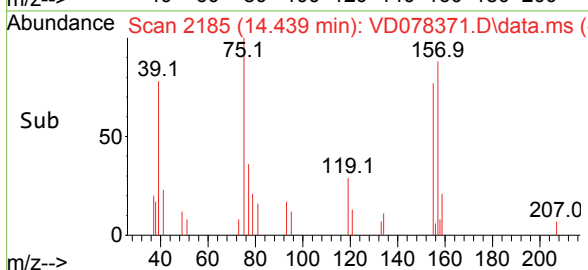
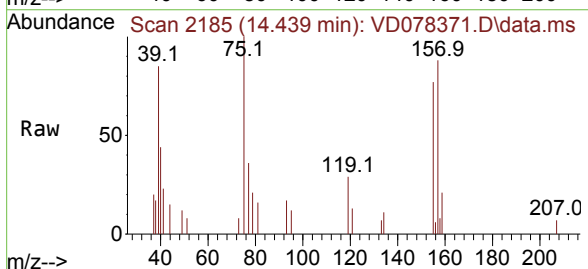
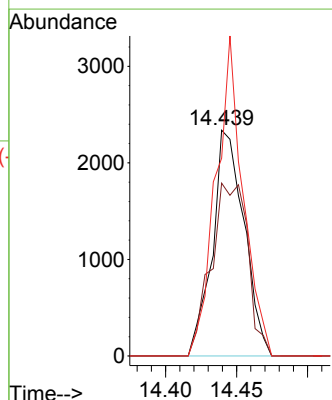
Tgt Ion: 75 Resp: 3628

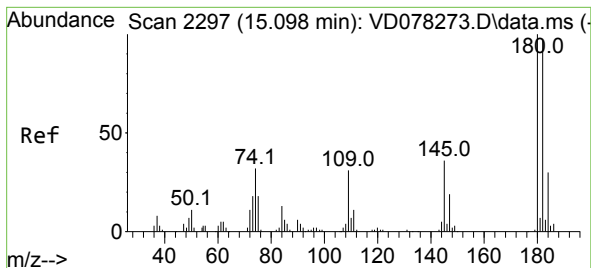
Ion Ratio Lower Upper

75 100

155 88.4 47.9 143.8

157 121.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.503 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

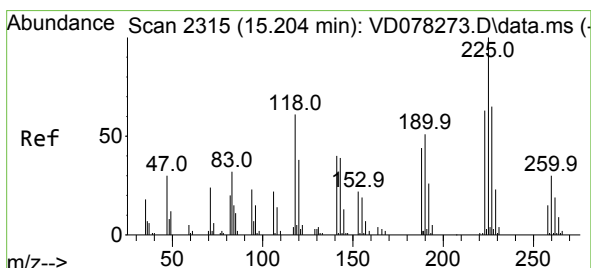
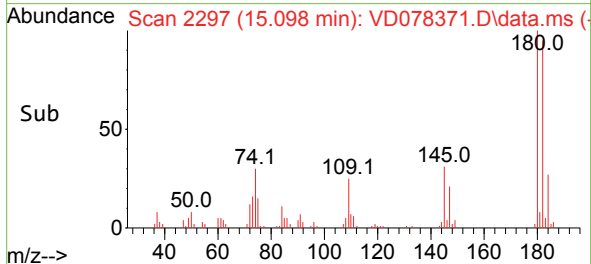
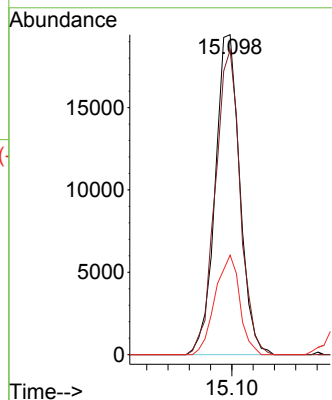
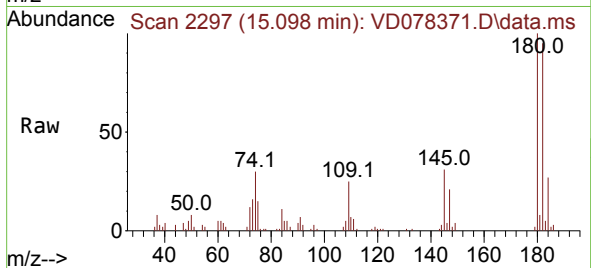
Tgt Ion:180 Resp: 31074

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.6

145 31.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.700 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078371.D

Acq: 08 Feb 2024 16:05

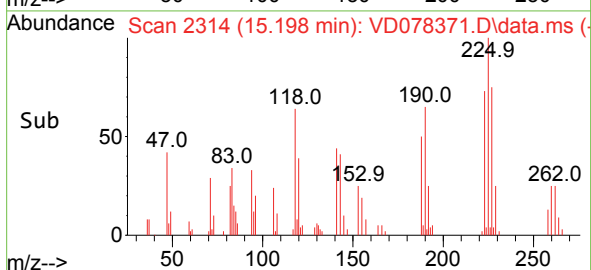
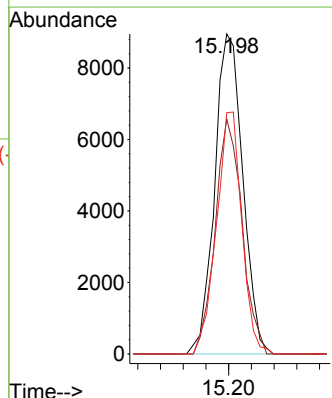
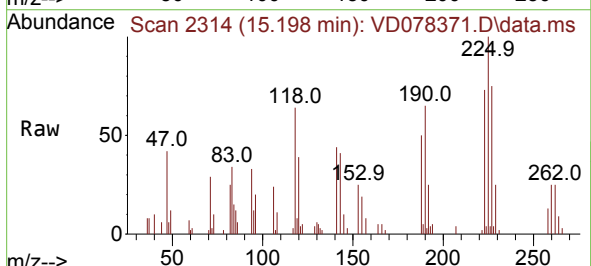
Tgt Ion:225 Resp: 15398

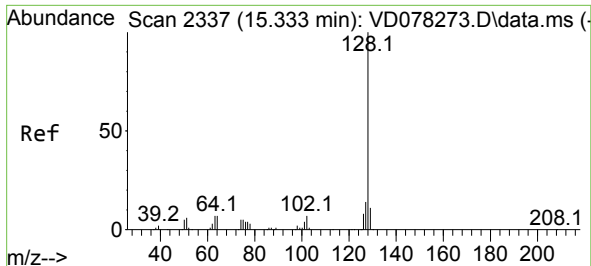
Ion Ratio Lower Upper

225 100

223 70.0 31.6 94.8

227 68.4 31.7 95.1

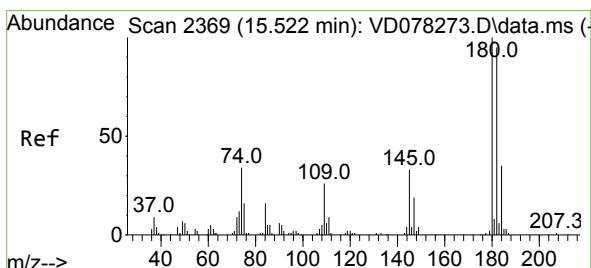
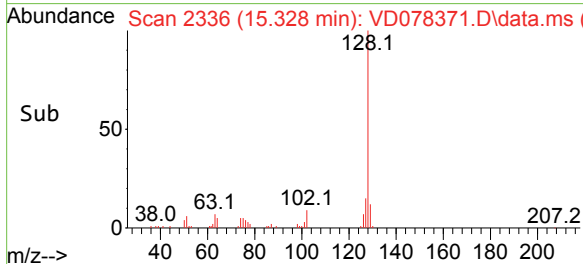
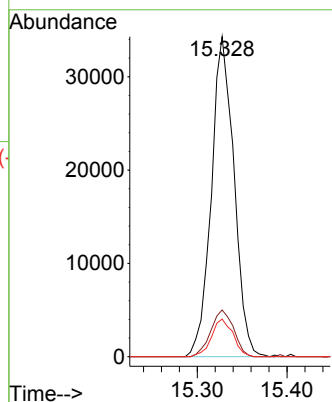
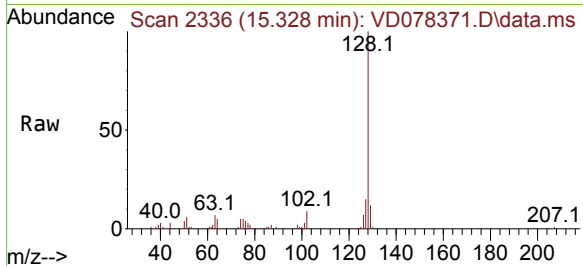




#95
Naphthalene
Concen: 17.008 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 60205
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.102 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078371.D
Acq: 08 Feb 2024 16:05

Tgt Ion:180 Resp: 28297
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 32.3 15.1 45.3

