

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078720.D
 Acq On : 21 Mar 2024 10:10
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:53:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	203886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64445	49.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.805	113	71179	50.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.269	98	275347	53.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.840%
62) 4-Bromofluorobenzene	12.575	95	80569	53.430	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.860%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.940	85	66830	52.116	ug/l 96
3) Chloromethane	2.152	50	92710	45.789	ug/l 100
4) Vinyl Chloride	2.293	62	132573	44.386	ug/l 96
5) Bromomethane	2.699	94	125764	43.977	ug/l 99
6) Chloroethane	2.846	64	102831	44.147	ug/l 99
7) Trichlorofluoromethane	3.187	101	123776	52.383	ug/l 97
8) Diethyl Ether	3.599	74	35672	51.706	ug/l 92
9) 1,1,2-Trichlorotrifluo...	3.981	101	79325	53.492	ug/l 97
10) Methyl Iodide	4.169	142	92523	52.745	ug/l 98
11) Tert butyl alcohol	5.052	59	16709	289.157	ug/l # 90
12) 1,1-Dichloroethene	3.952	96	70643	50.112	ug/l 92
13) Acrolein	3.799	56	18547	204.894	ug/l 96
14) Allyl chloride	4.569	41	78099	49.650	ug/l 97
15) Acrylonitrile	5.252	53	74883	269.254	ug/l 96
16) Acetone	4.016	43	73169	293.044	ug/l 96
17) Carbon Disulfide	4.281	76	226036	48.911	ug/l 99
18) Methyl Acetate	4.569	43	31289	58.392	ug/l 98
19) Methyl tert-butyl Ether	5.322	73	151810	53.399	ug/l 96
20) Methylene Chloride	4.805	84	85917	50.523	ug/l 95
21) trans-1,2-Dichloroethene	5.316	96	87902	52.844	ug/l 90
22) Diisopropyl ether	6.222	45	185748	51.939	ug/l 98
23) Vinyl Acetate	6.158	43	558696	267.074	ug/l 97
24) 1,1-Dichloroethane	6.110	63	135623	50.581	ug/l 97
25) 2-Butanone	7.081	43	91708	276.262	ug/l 99
26) 2,2-Dichloropropane	7.081	77	121216	53.434	ug/l 99
27) cis-1,2-Dichloroethene	7.081	96	94839	49.988	ug/l 96
28) Bromochloromethane	7.428	49	49583	51.870	ug/l 97
29) Tetrahydrofuran	7.446	42	50785	281.272	ug/l 99
30) Chloroform	7.599	83	149108	49.876	ug/l 96
31) Cyclohexane	7.881	56	109249	50.339	ug/l 93
32) 1,1,1-Trichloroethane	7.799	97	130179	51.323	ug/l 99
36) 1,1-Dichloropropene	8.010	75	113356	55.744	ug/l 99
37) Ethyl Acetate	7.169	43	32569	49.026	ug/l 98
38) Carbon Tetrachloride	7.993	117	117711	54.908	ug/l 97
39) Methylcyclohexane	9.275	83	137634	58.346	ug/l 99
40) Benzene	8.252	78	331658	53.954	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	21714	62.373	ug/l	88
42) 1,2-Dichloroethane	8.328	62	82666	55.145	ug/l	99
43) Isopropyl Acetate	8.363	43	66479	55.026	ug/l	98
44) Trichloroethene	9.034	130	91300	54.730	ug/l	93
45) 1,2-Dichloropropane	9.304	63	80565	55.250	ug/l	98
46) Dibromomethane	9.399	93	47940	54.844	ug/l	96
47) Bromodichloromethane	9.587	83	112822	54.218	ug/l	97
48) Methyl methacrylate	9.381	41	32468	55.155	ug/l	98
49) 1,4-Dioxane	9.387	88	9549	1179.853	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	184641	292.336	ug/l	100
52) Toluene	10.334	92	222854	56.311	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	108784	57.177	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	130104	56.883	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	64299	54.931	ug/l	95
56) Ethyl methacrylate	10.598	69	69074	58.864	ug/l	96
57) 1,3-Dichloropropane	10.881	76	105609	55.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	167872	324.440	ug/l	98
59) 2-Hexanone	10.922	43	140495	300.066	ug/l	100
60) Dibromochloromethane	11.075	129	83713	57.991	ug/l	97
61) 1,2-Dibromoethane	11.181	107	63272	55.854	ug/l	99
64) Tetrachloroethene	10.810	164	75266	55.784	ug/l	96
65) Chlorobenzene	11.610	112	236657	55.546	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	88707	56.851	ug/l	97
67) Ethyl Benzene	11.687	91	420342	57.896	ug/l	95
68) m/p-Xylenes	11.793	106	339597	115.188	ug/l	99
69) o-Xylene	12.122	106	153863	56.406	ug/l	96
70) Styrene	12.140	104	269977	58.967	ug/l	100
71) Bromoform	12.304	173	48652	57.696	ug/l #	96
73) Isopropylbenzene	12.422	105	408483	57.451	ug/l	98
74) N-amyl acetate	12.234	43	64194	55.609	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	72236	54.882	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	85599	102.885	ug/l #	100
77) Bromobenzene	12.704	156	97938	55.543	ug/l	97
78) n-propylbenzene	12.763	91	499460	57.710	ug/l	100
79) 2-Chlorotoluene	12.851	91	262098	55.204	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	337030	57.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	22475	56.625	ug/l	95
82) 4-Chlorotoluene	12.951	91	275543	54.870	ug/l	100
83) tert-Butylbenzene	13.169	119	292513	57.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	348499	58.816	ug/l	99
85) sec-Butylbenzene	13.345	105	460295	59.996	ug/l	98
86) p-Isopropyltoluene	13.463	119	392705	59.792	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	208880	56.136	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	204151	55.671	ug/l	99
89) n-Butylbenzene	13.792	91	358468	60.434	ug/l	99
90) Hexachloroethane	14.057	117	75213	55.344	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	177193	55.291	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9674	54.943	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	106365	56.871	ug/l	97
94) Hexachlorobutadiene	15.204	225	58884	58.154	ug/l	98
95) Naphthalene	15.334	128	189678	58.331	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	92652	57.262	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

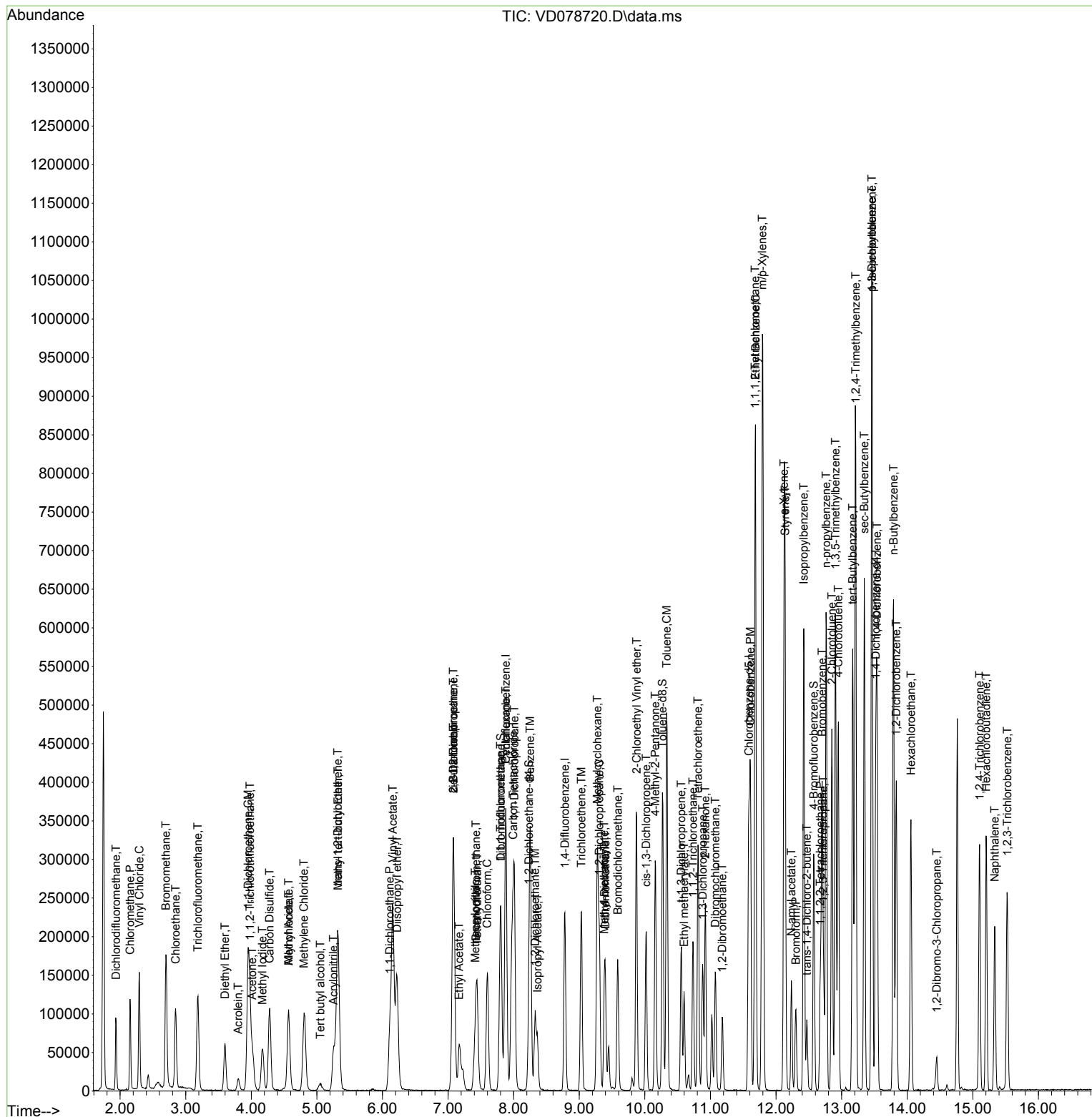
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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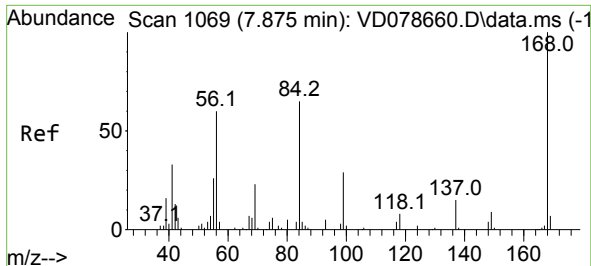
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 2 Sample Multiplier: 1

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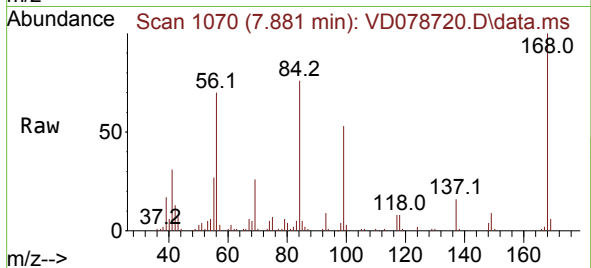
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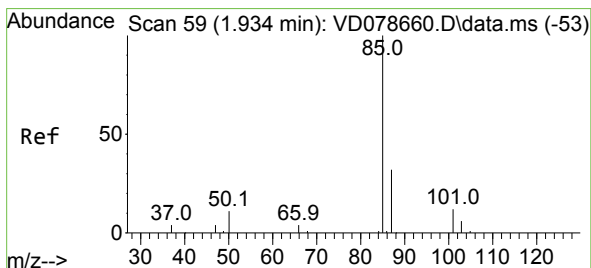
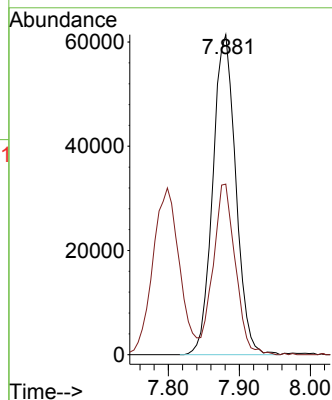
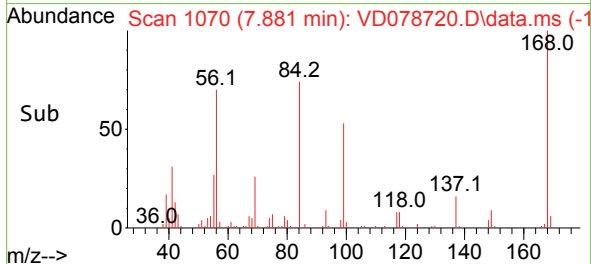


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078720.D
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MSVOA_D
ClientSampleId :

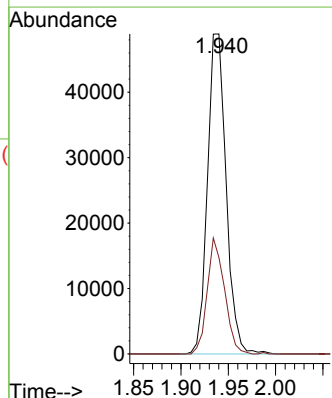
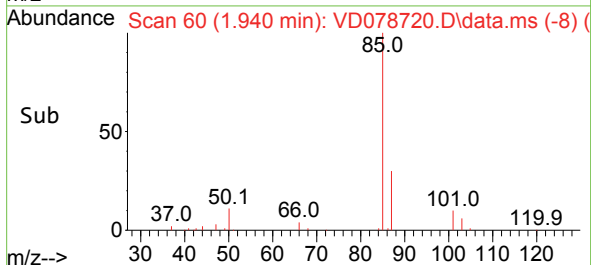
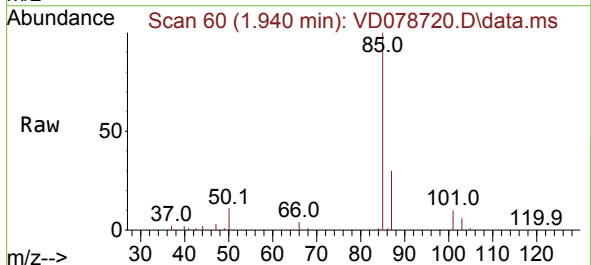


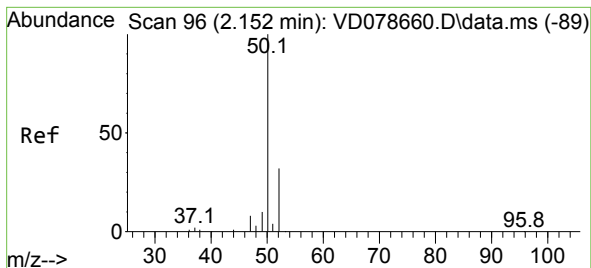
Tgt Ion:168 Resp: 137779
Ion Ratio Lower Upper
168 100
99 53.3 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 52.116 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 85 Resp: 66830
Ion Ratio Lower Upper
85 100
87 30.1 16.2 48.5





#3

Chloromethane

Concen: 45.789 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

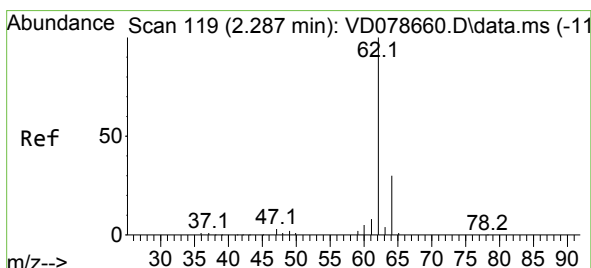
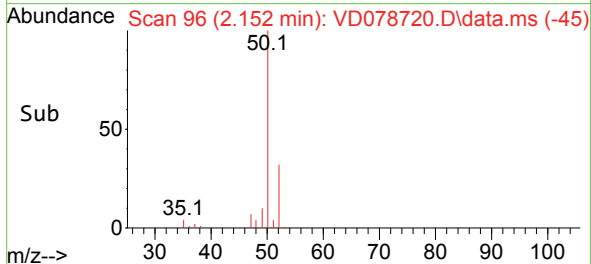
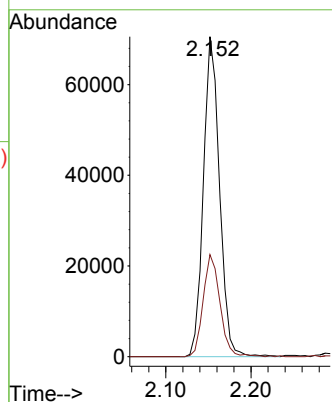
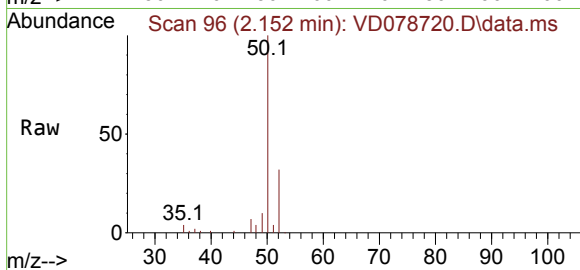
ClientSampleId :

Tgt Ion: 50 Resp: 92710

Ion Ratio Lower Upper

50 100

52 31.9 25.6 38.4



#4

Vinyl Chloride

Concen: 44.386 ug/l

RT: 2.293 min Scan# 120

Delta R.T. 0.006 min

Lab File: VD078720.D

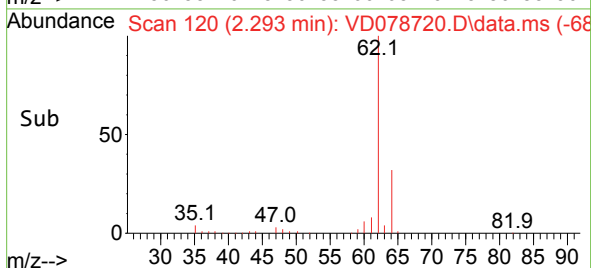
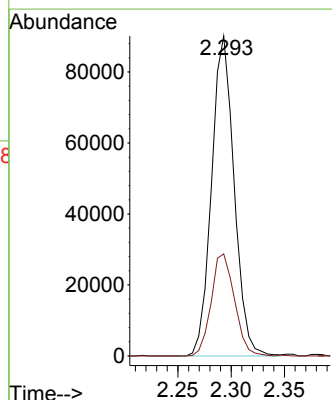
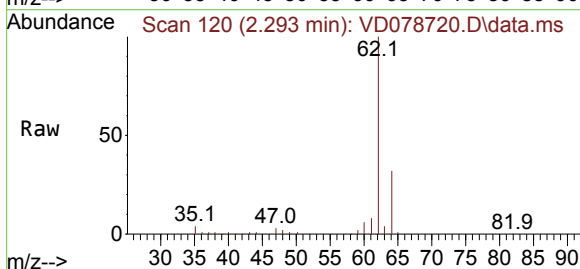
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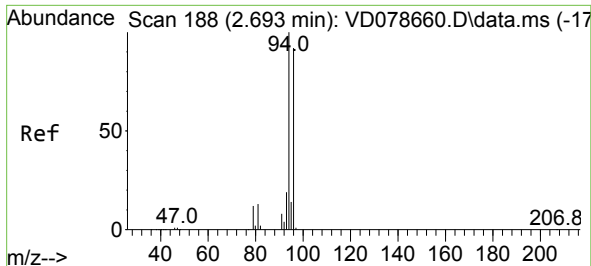
Tgt Ion: 62 Resp: 132573

Ion Ratio Lower Upper

62 100

64 31.9 23.7 35.5

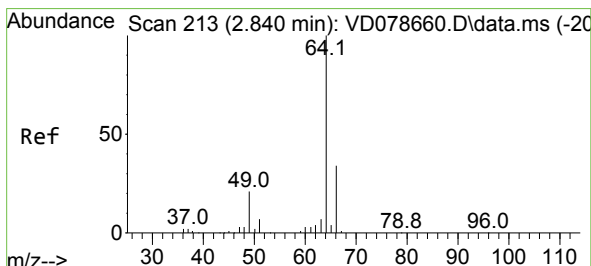
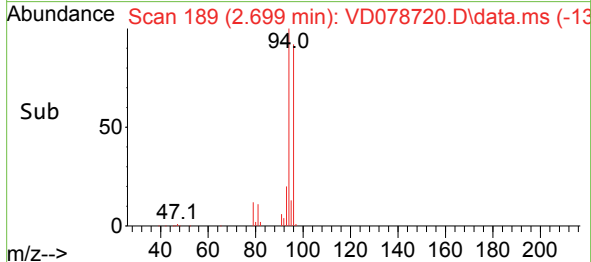
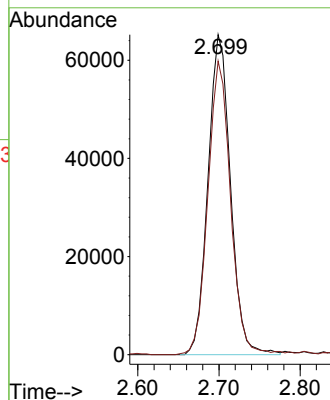
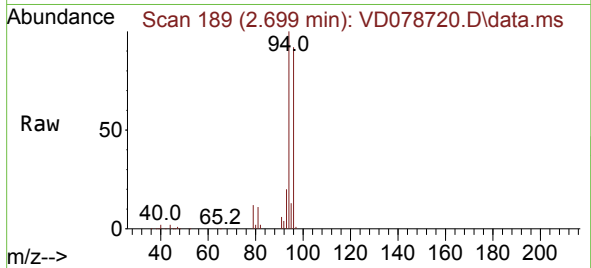




#5
Bromomethane
Concen: 43.977 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

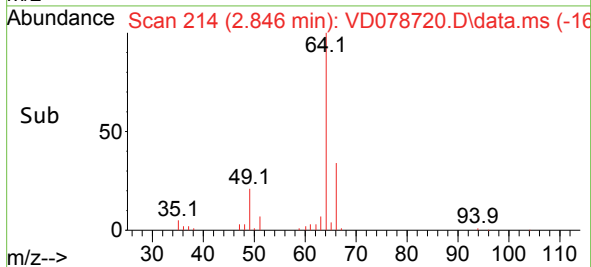
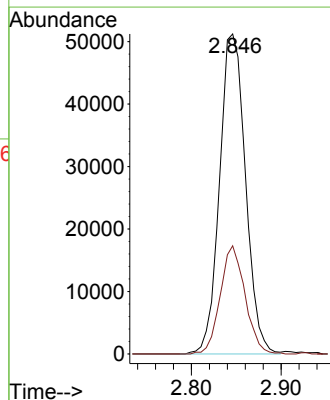
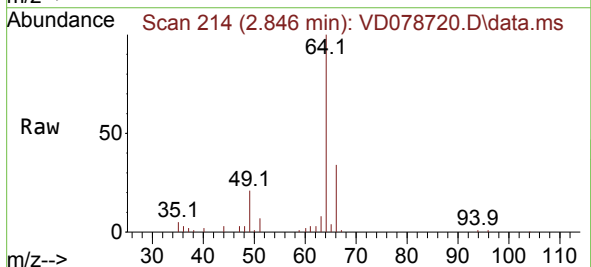
Instrument :
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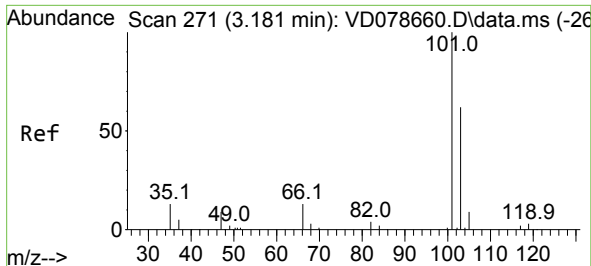
Tgt Ion: 94 Resp: 125764
Ion Ratio Lower Upper
94 100
96 92.9 73.5 110.3



#6
Chloroethane
Concen: 44.147 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 64 Resp: 102831
Ion Ratio Lower Upper
64 100
66 33.8 26.8 40.2

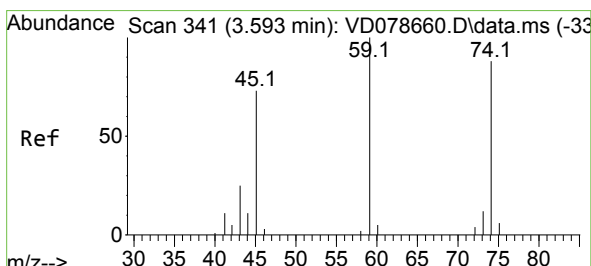
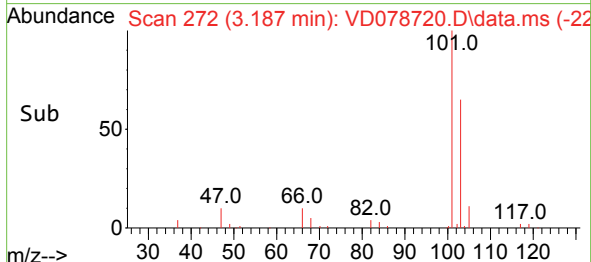
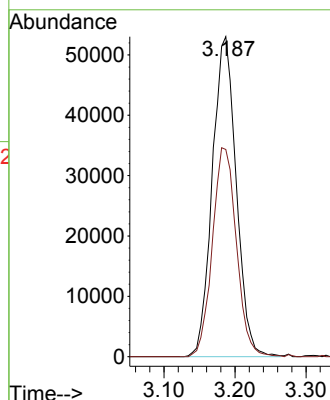
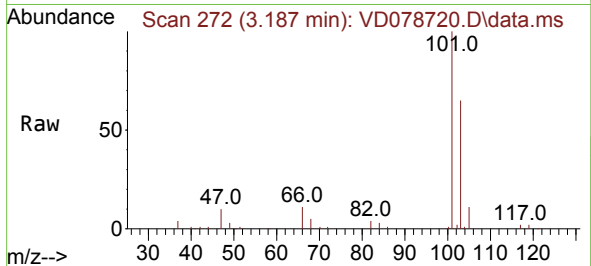




#7
 Trichlorofluoromethane
 Concen: 52.383 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078720.D
 Acq: 21 Mar 2024 10:10

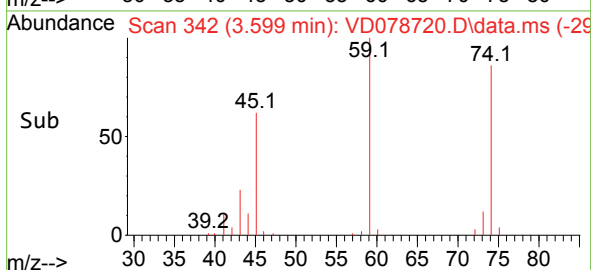
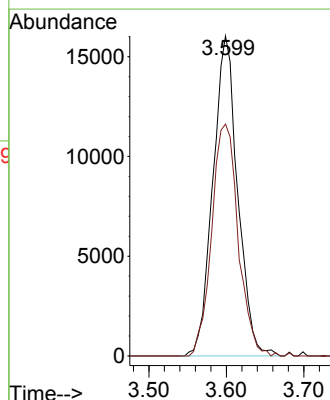
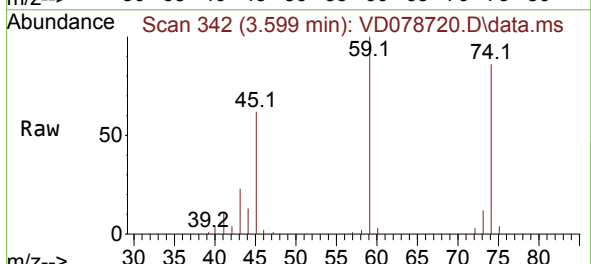
Instrument :
 MSVOA_D
 ClientSampleId :

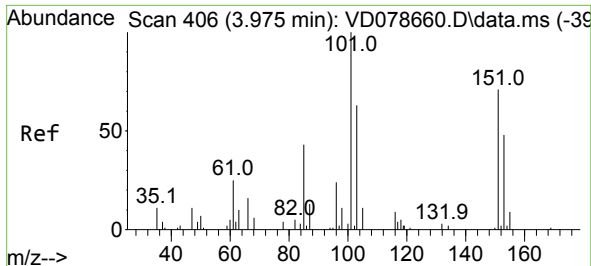
Tgt Ion:101 Resp: 123776
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.7 74.5



#8
 Diethyl Ether
 Concen: 51.706 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078720.D
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Tgt Ion: 74 Resp: 35672
 Ion Ratio Lower Upper
 74 100
 45 77.3 42.4 127.3

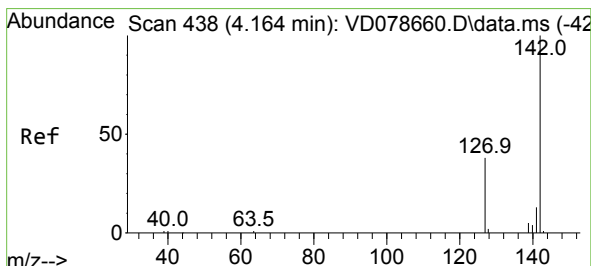
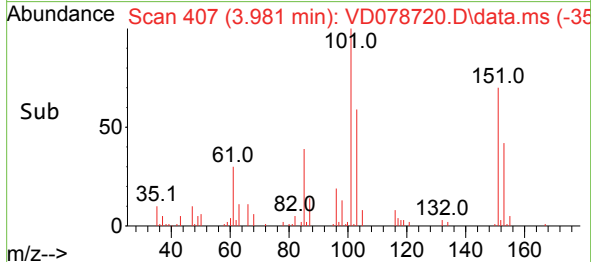
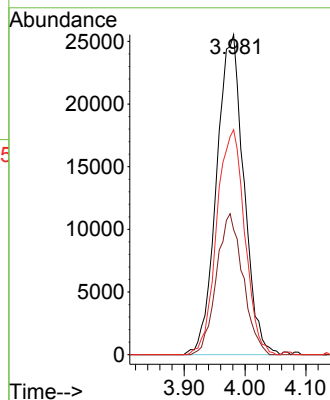
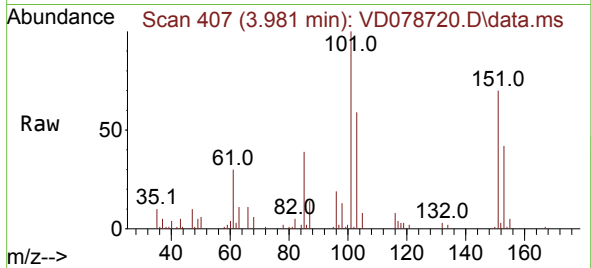




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.492 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

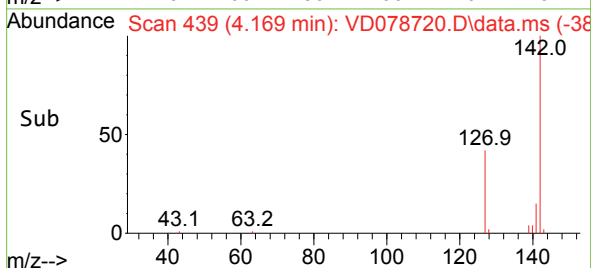
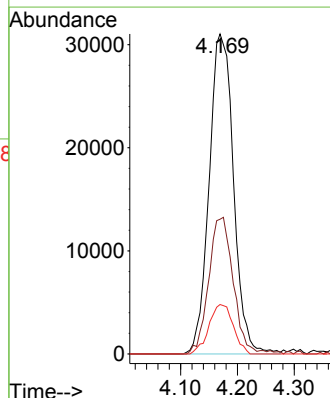
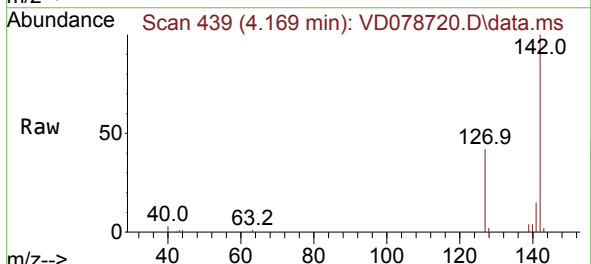
Instrument :
MSVOA_D
ClientSampleId :

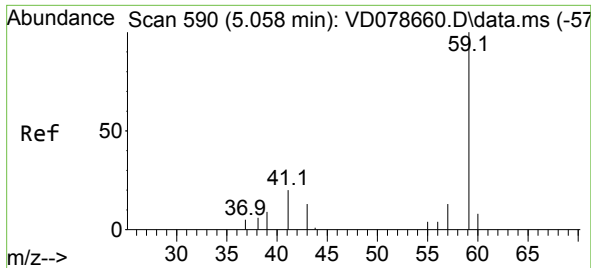
Tgt Ion:101 Resp: 79325
Ion Ratio Lower Upper
101 100
85 42.8 35.8 53.6
151 72.2 59.4 89.2



#10
Methyl Iodide
Concen: 52.745 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion:142 Resp: 92523
Ion Ratio Lower Upper
142 100
127 43.1 33.5 50.3
141 15.4 11.7 17.5

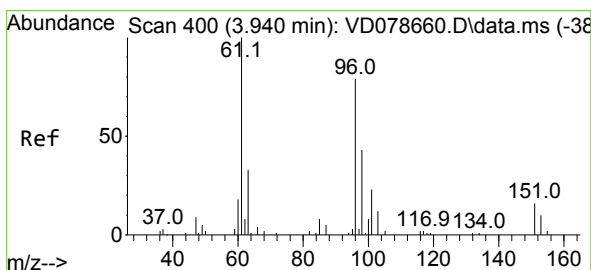
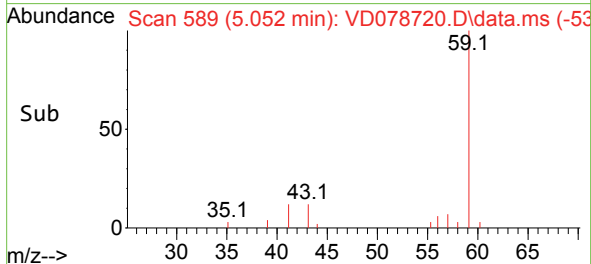
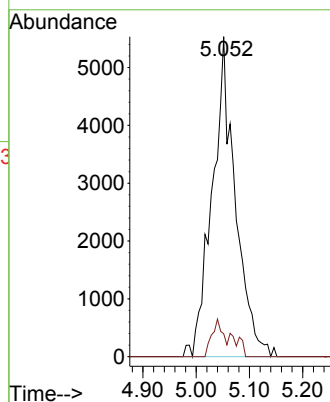
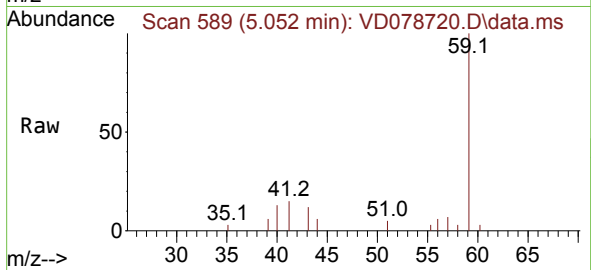




#11
Tert butyl alcohol
Concen: 289.157 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

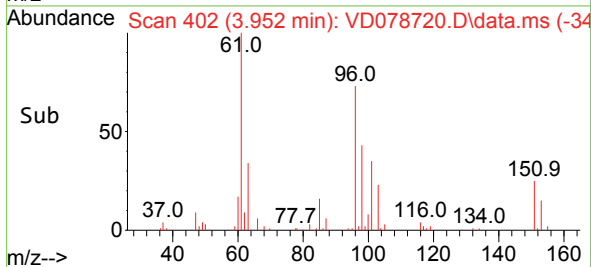
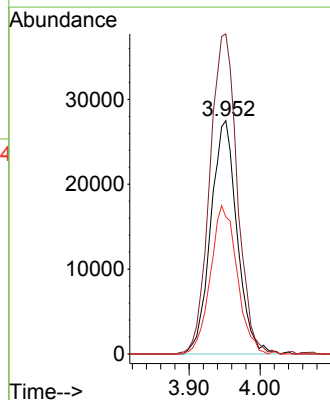
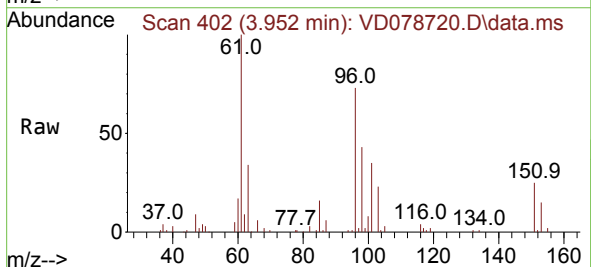
Instrument :
MSVOA_D
ClientSampleId :

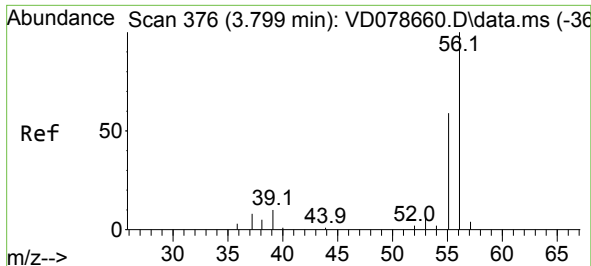
Tgt Ion: 59 Resp: 16709
Ion Ratio Lower Upper
59 100
57 5.7 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 50.112 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

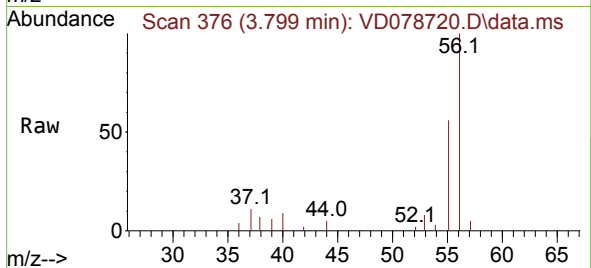
Tgt Ion: 96 Resp: 70643
Ion Ratio Lower Upper
96 100
61 137.2 101.4 152.0
98 58.8 43.4 65.0



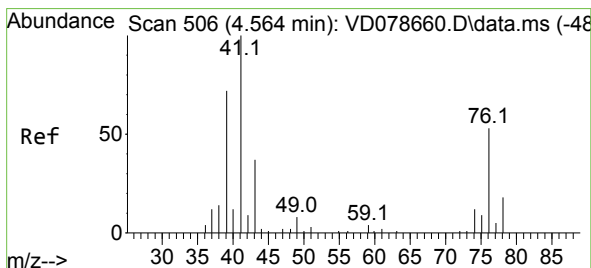
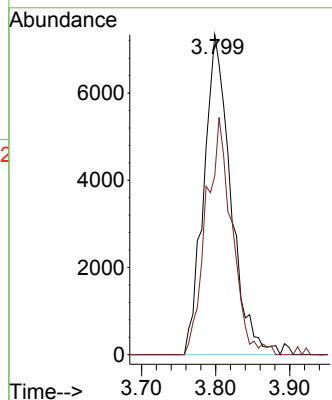
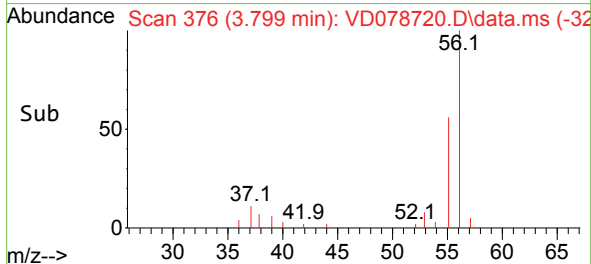


#13
Acrolein
Concen: 204.894 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Instrument :
MSVOA_D
ClientSampleId :

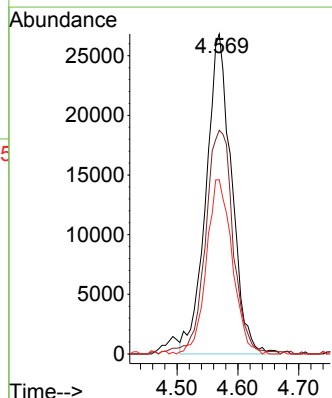
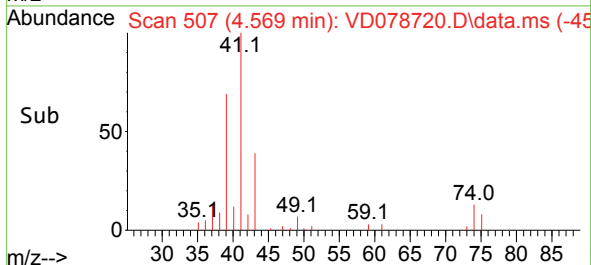
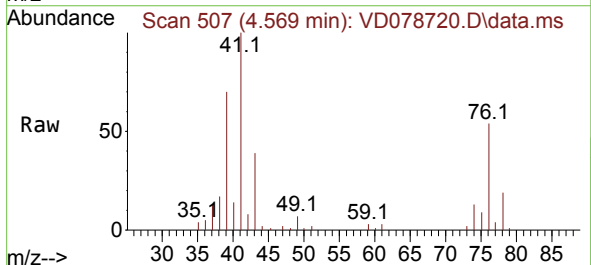


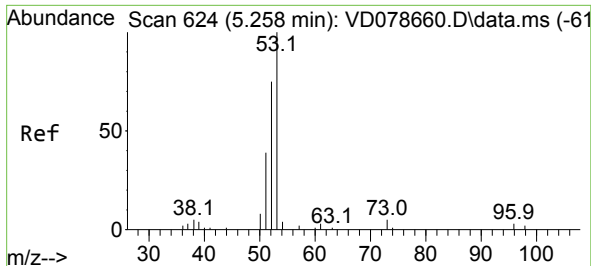
Tgt Ion: 56 Resp: 18547
Ion Ratio Lower Upper
56 100
55 71.6 54.9 82.3



#14
Allyl chloride
Concen: 49.650 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 41 Resp: 78099
Ion Ratio Lower Upper
41 100
39 76.1 57.8 86.6
76 55.1 44.8 67.2

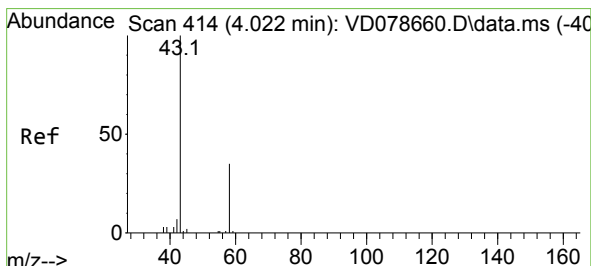
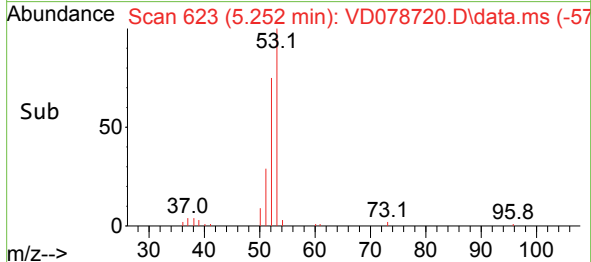
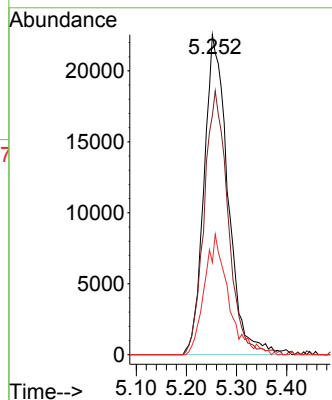
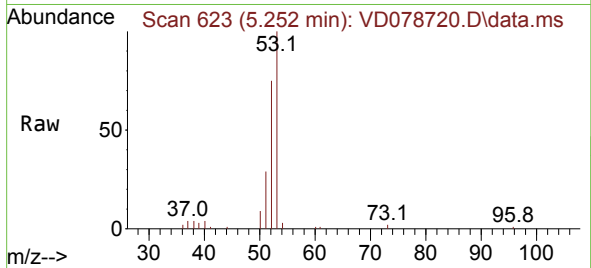




#15
Acrylonitrile
Concen: 269.254 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

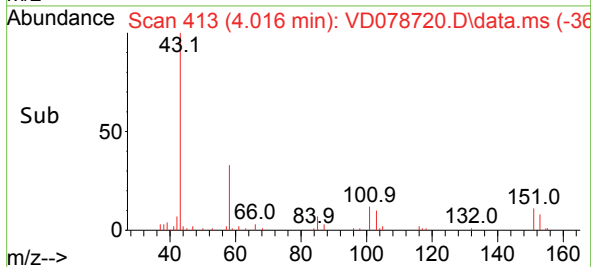
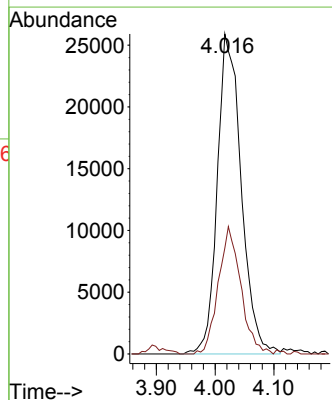
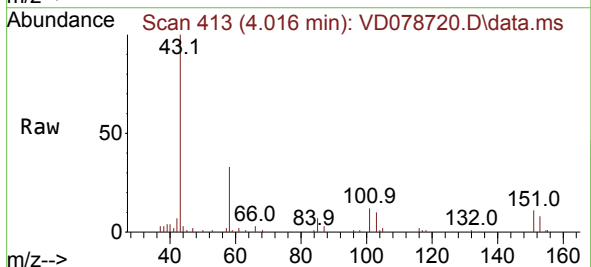
Instrument :
MSVOA_D
ClientSampleId :

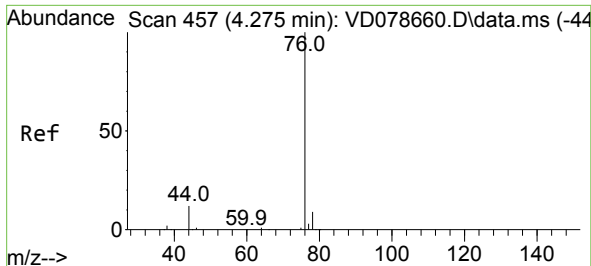
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.4	61.9	92.9
51	36.5	29.0	43.4



#16
Acetone
Concen: 293.044 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.1	28.2	42.4





#17

Carbon Disulfide

Concen: 48.911 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

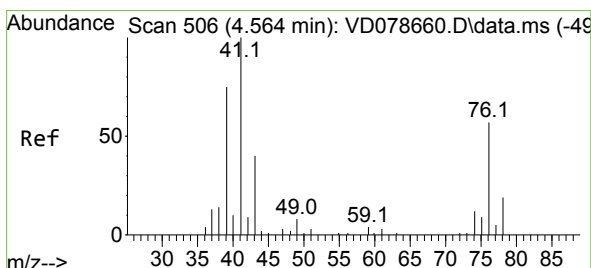
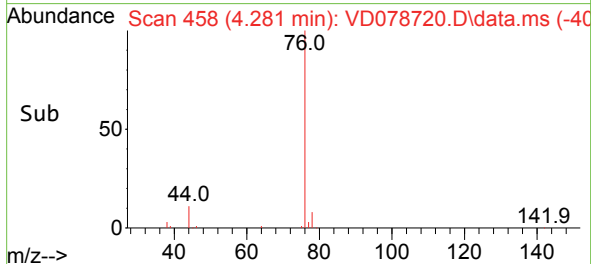
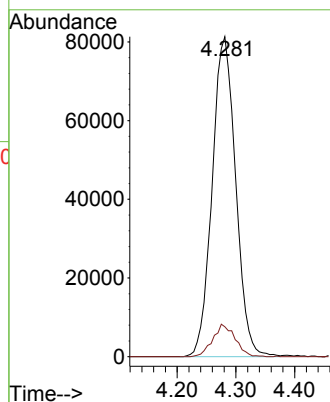
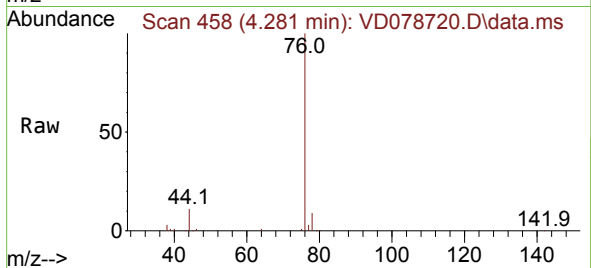
ClientSampleId :

Tgt Ion: 76 Resp: 226036

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 58.392 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.005 min

Lab File: VD078720.D

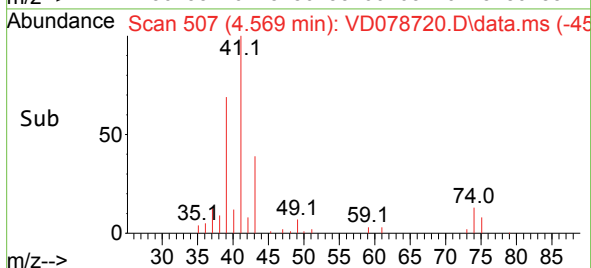
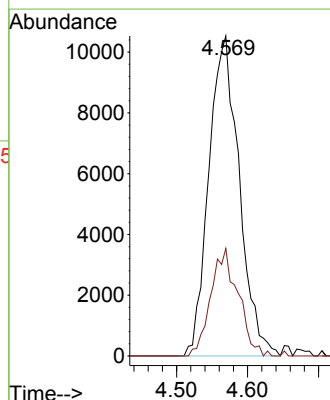
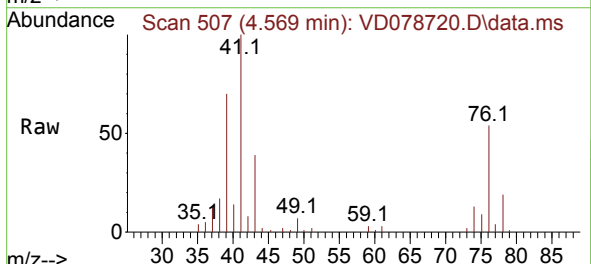
Acq: 21 Mar 2024 10:10

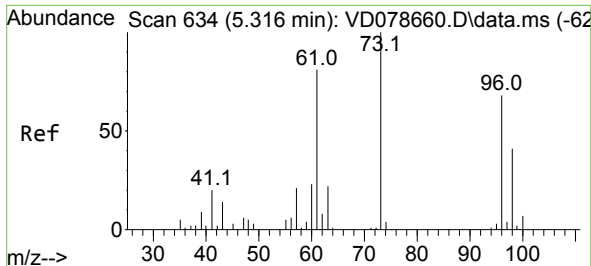
Tgt Ion: 43 Resp: 31289

Ion Ratio Lower Upper

43 100

74 30.2 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 53.399 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

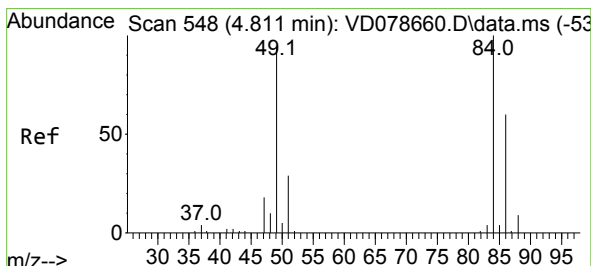
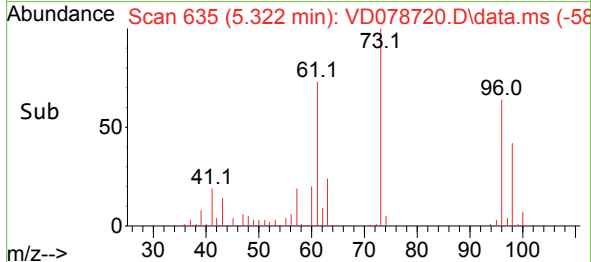
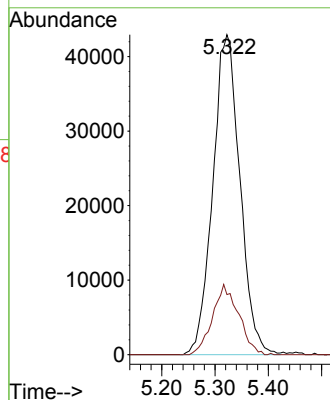
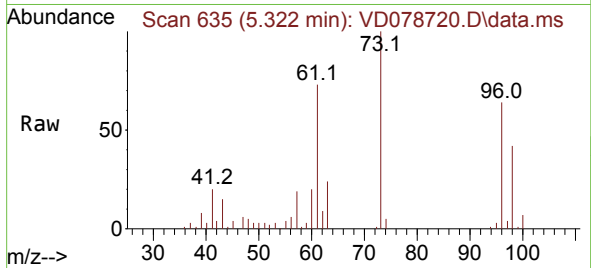
ClientSampleId :

Tgt Ion: 73 Resp: 151810

Ion Ratio Lower Upper

73 100

57 18.8 16.4 24.6



#20

Methylene Chloride

Concen: 50.523 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Tgt Ion: 84 Resp: 85917

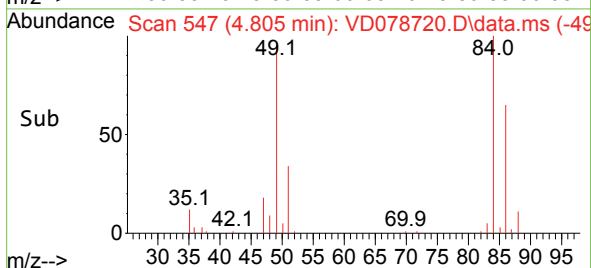
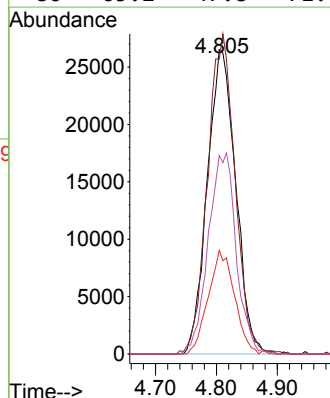
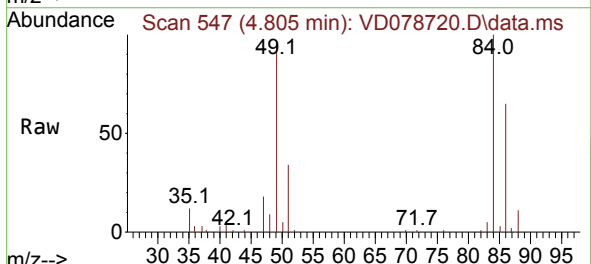
Ion Ratio Lower Upper

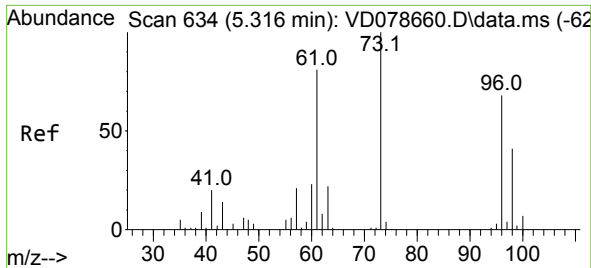
84 100

49 96.2 75.6 113.4

51 34.0 23.4 35.0

86 65.2 47.8 71.6

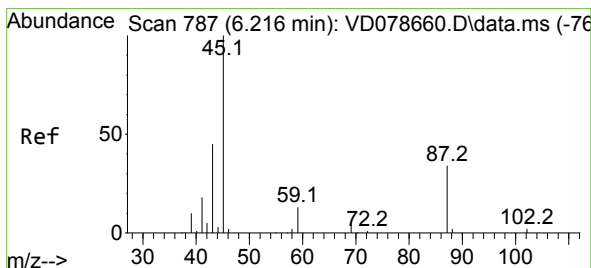
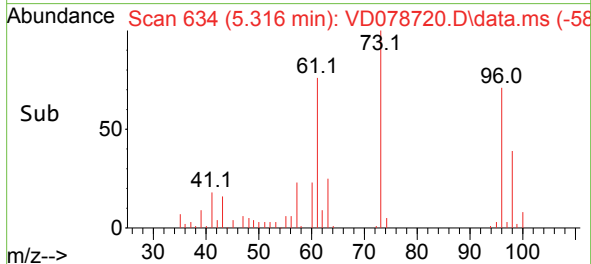
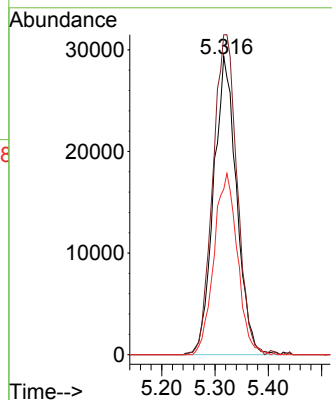
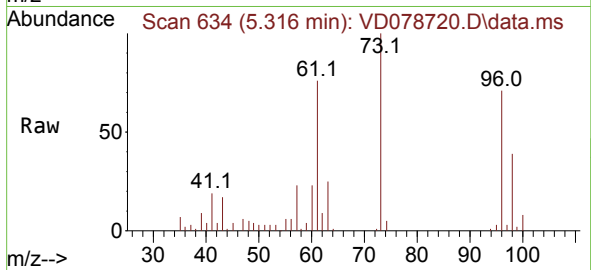




#21
trans-1,2-Dichloroethene
Concen: 52.844 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

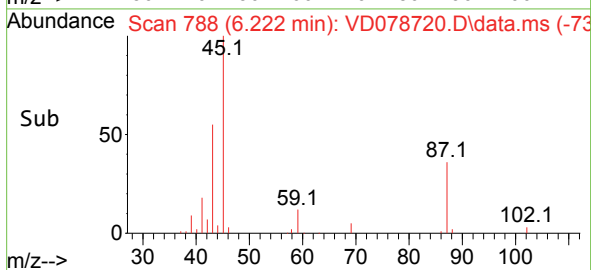
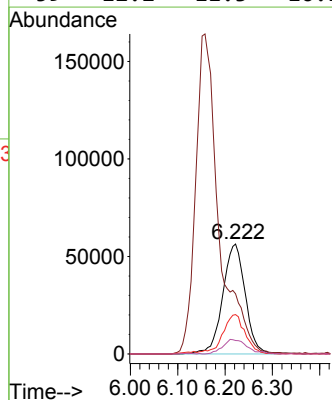
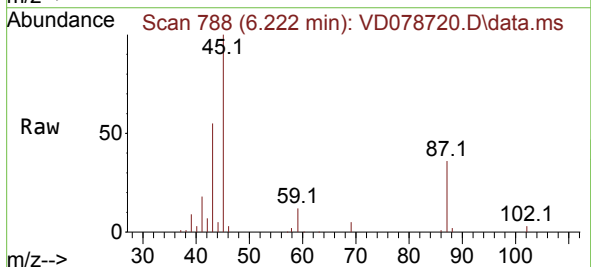
Instrument :
MSVOA_D
ClientSampleId :

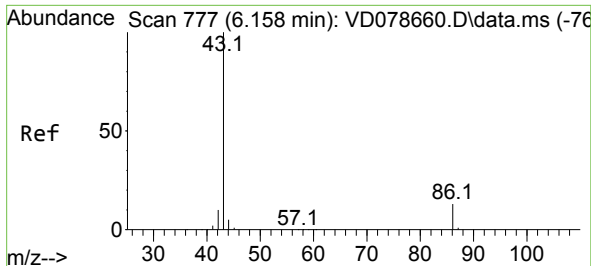
Tgt Ion: 96 Resp: 87902
Ion Ratio Lower Upper
96 100
61 107.2 96.1 144.1
98 55.4 48.9 73.3



#22
Diisopropyl ether
Concen: 51.939 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 45 Resp: 185748
Ion Ratio Lower Upper
45 100
43 53.4 44.3 66.5
87 35.7 28.3 42.5
59 12.2 11.3 16.9

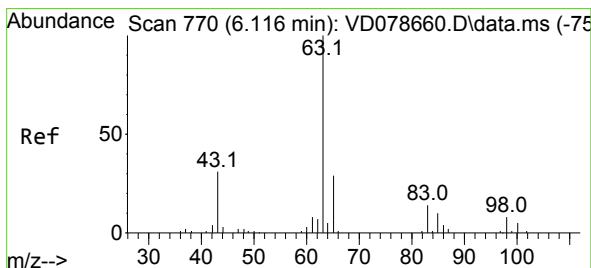
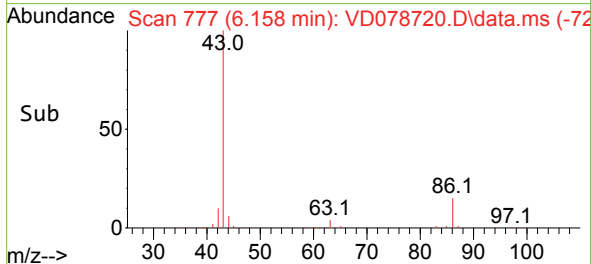
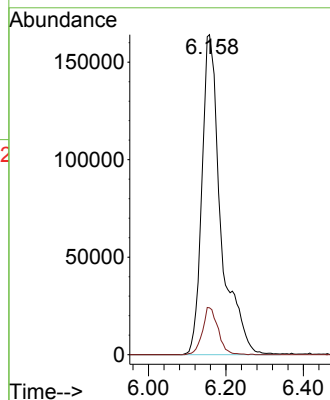
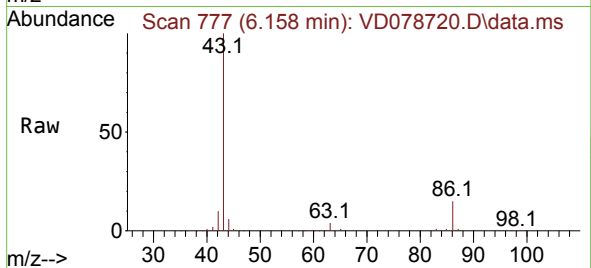




#23
 Vinyl Acetate
 Concen: 267.074 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VD078720.D
 Acq: 21 Mar 2024 10:10

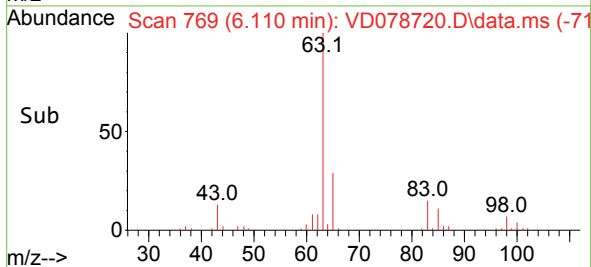
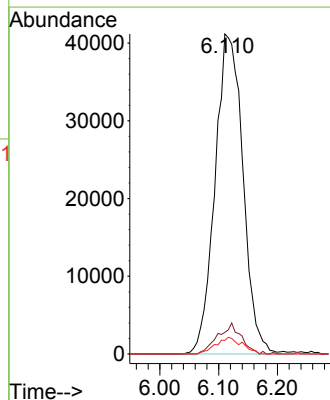
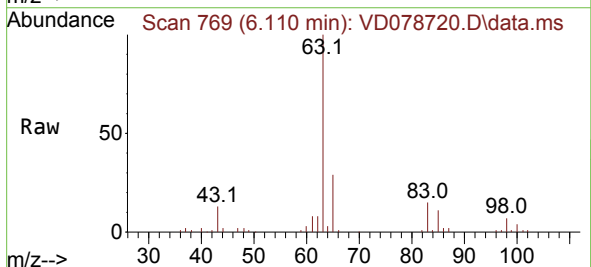
Instrument :
 MSVOA_D
 ClientSampleId :

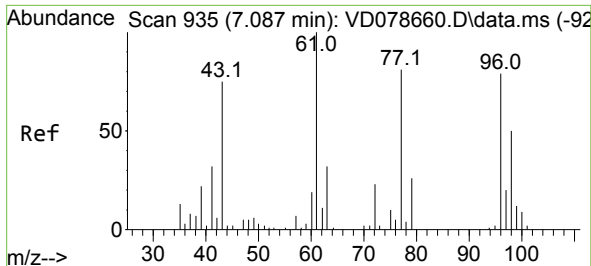
Tgt Ion: 43 Resp: 558696
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 50.581 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078720.D
 Acq: 21 Mar 2024 10:10

Tgt Ion: 63 Resp: 135623
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 11.9
 100 4.3 2.7 8.1





#25

2-Butanone

Concen: 276.262 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

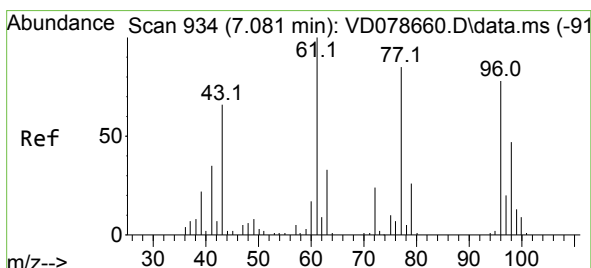
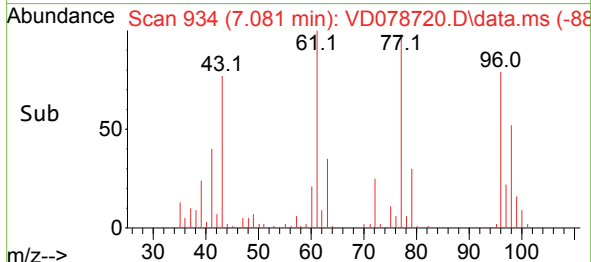
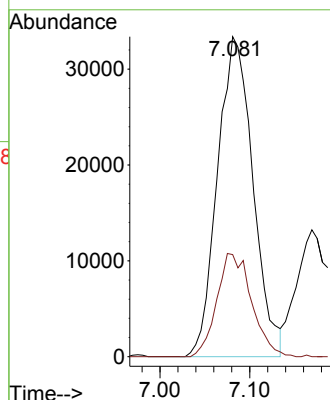
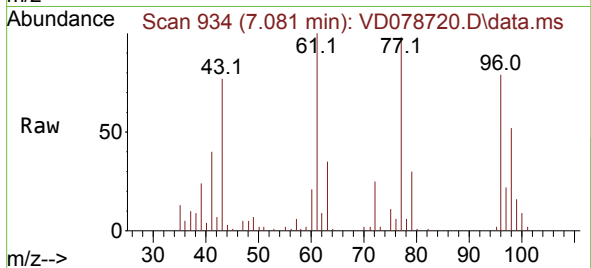
ClientSampleId :

Tgt Ion: 43 Resp: 91708

Ion Ratio Lower Upper

43 100

72 31.9 25.0 37.6



#26

2,2-Dichloropropane

Concen: 53.434 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078720.D

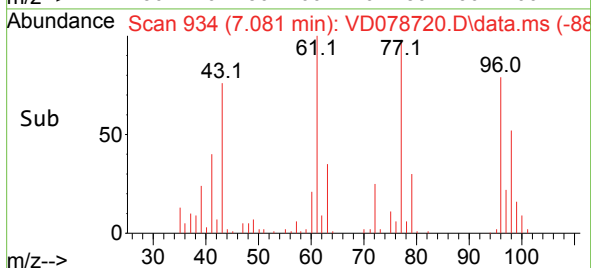
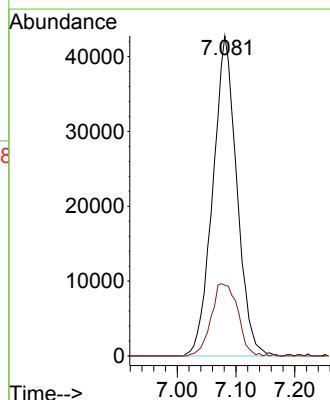
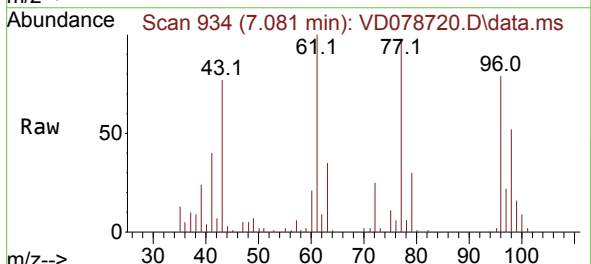
Acq: 21 Mar 2024 10:10

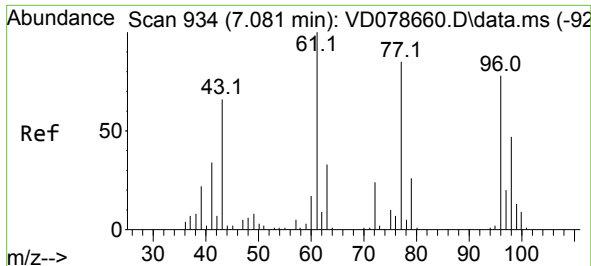
Tgt Ion: 77 Resp: 121216

Ion Ratio Lower Upper

77 100

97 25.1 12.4 37.0

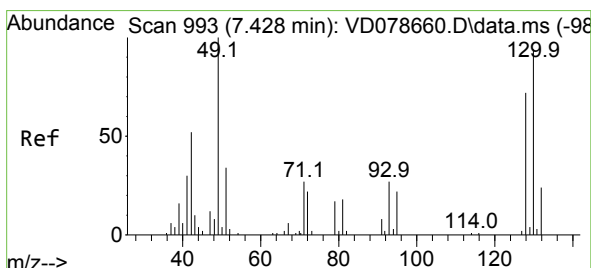
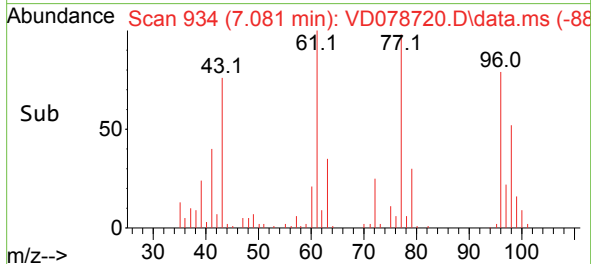
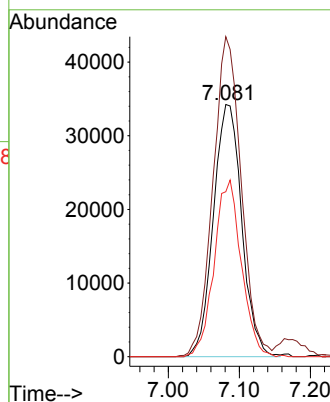
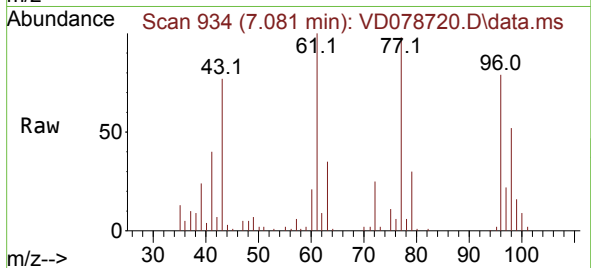




#27
cis-1,2-Dichloroethene
Concen: 49.988 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

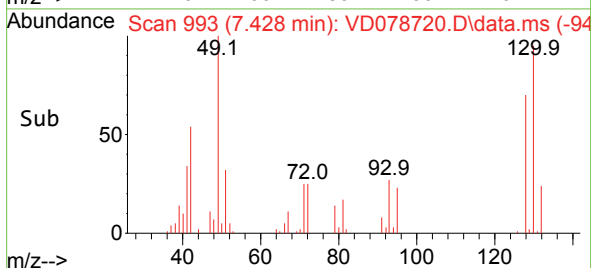
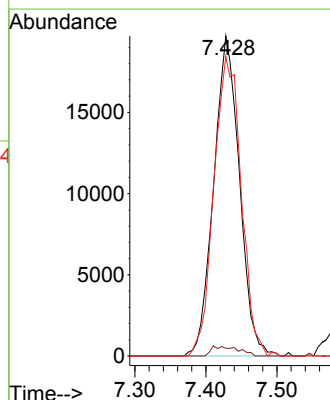
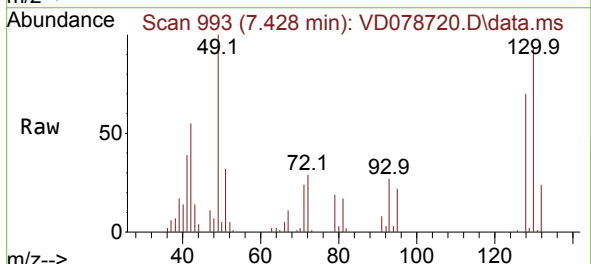
Instrument :
MSVOA_D
ClientSampleId :

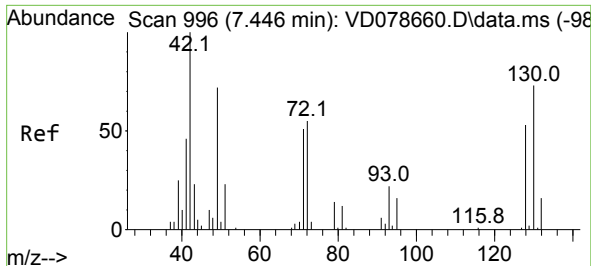
Tgt Ion: 96 Resp: 94839
Ion Ratio Lower Upper
96 100
61 126.3 0.0 245.0
98 67.1 0.0 126.6



#28
Bromochloromethane
Concen: 51.870 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 49 Resp: 49583
Ion Ratio Lower Upper
49 100
129 3.2 0.0 6.2
130 99.5 77.1 115.7





#29

Tetrahydrofuran

Concen: 281.272 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

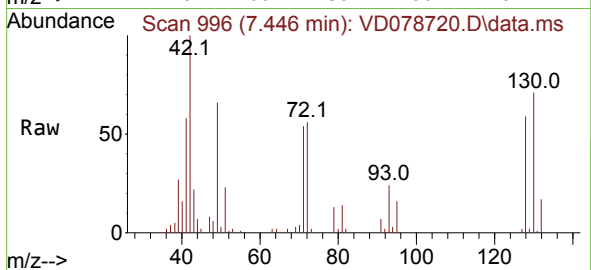
Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :



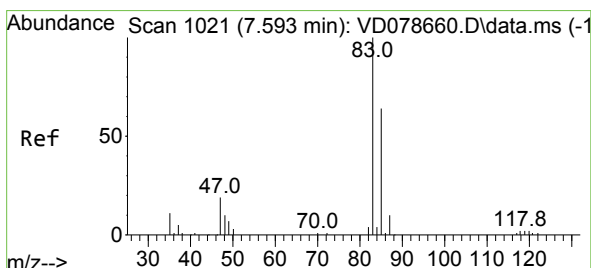
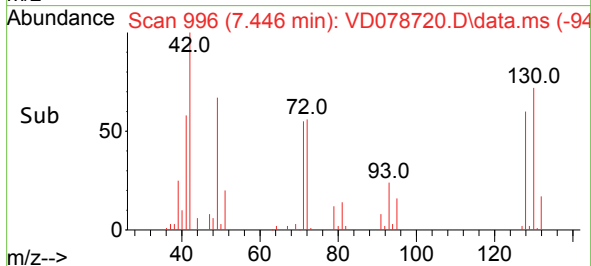
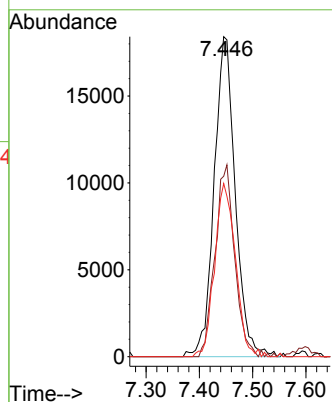
Tgt Ion: 42 Resp: 50785

Ion Ratio Lower Upper

42 100

72 55.6 43.8 65.6

71 53.4 42.0 63.0



#30

Chloroform

Concen: 49.876 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078720.D

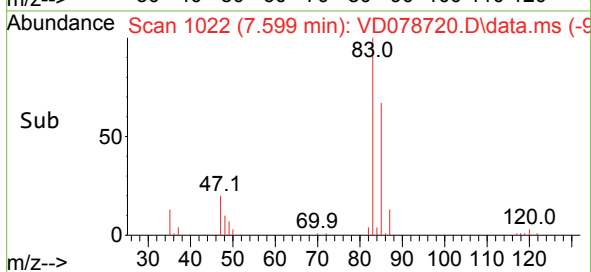
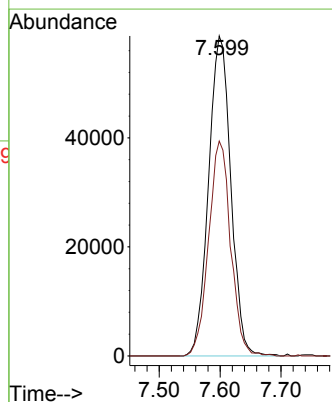
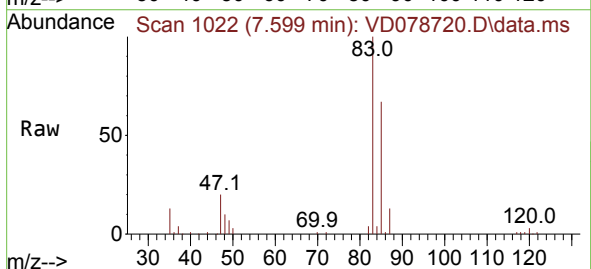
Acq: 21 Mar 2024 10:10

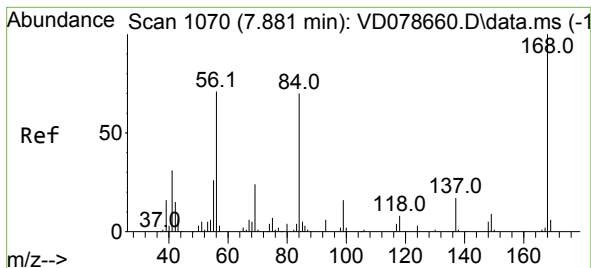
Tgt Ion: 83 Resp: 149108

Ion Ratio Lower Upper

83 100

85 67.2 51.2 76.8





#31

Cyclohexane

Concen: 50.339 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

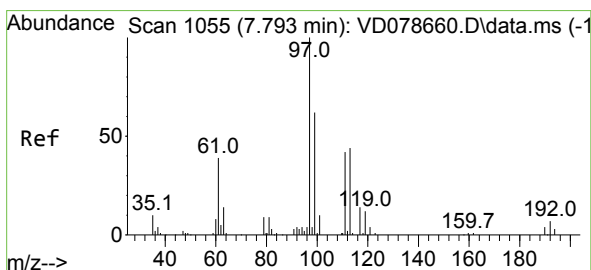
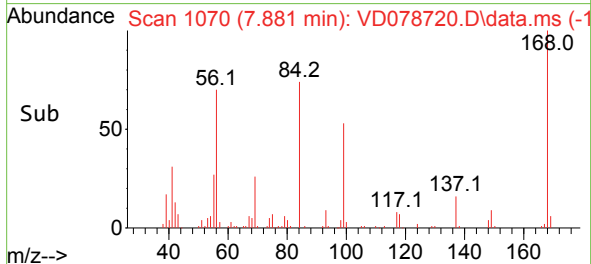
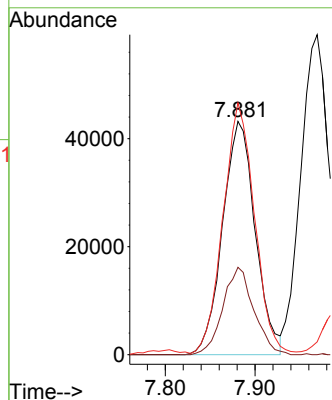
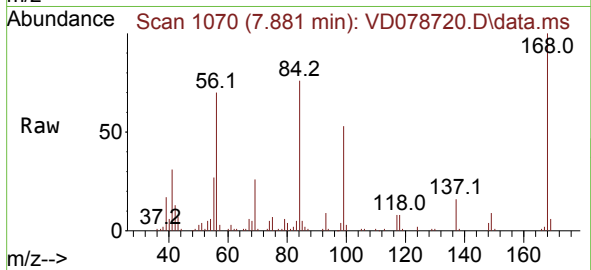
Tgt Ion: 56 Resp: 109249

Ion Ratio Lower Upper

56 100

69 36.9 26.6 40.0

84 107.0 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 51.323 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

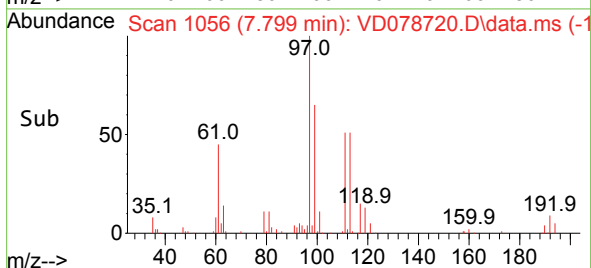
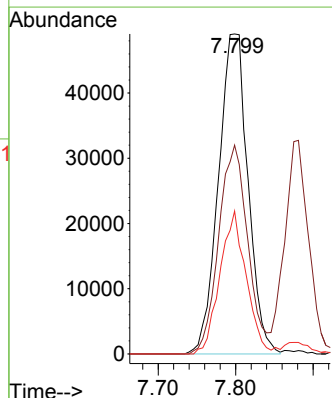
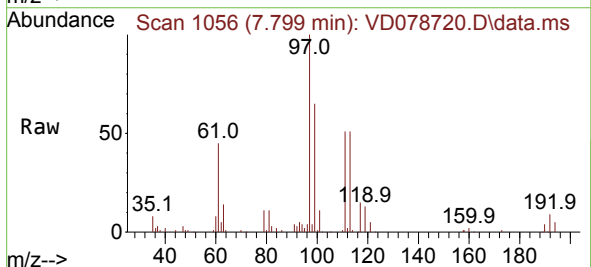
Tgt Ion: 97 Resp: 130179

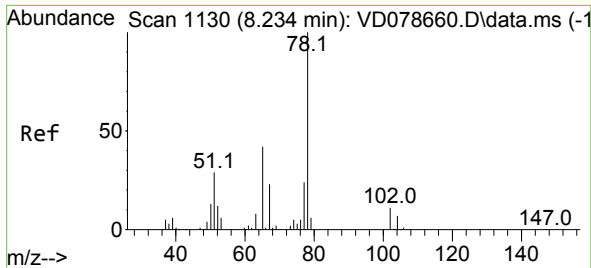
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 39.6 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 49.910 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

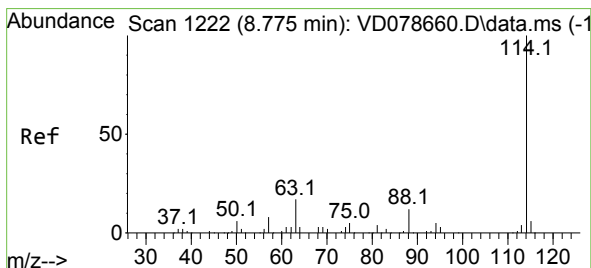
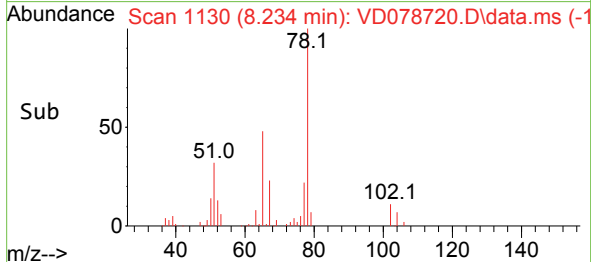
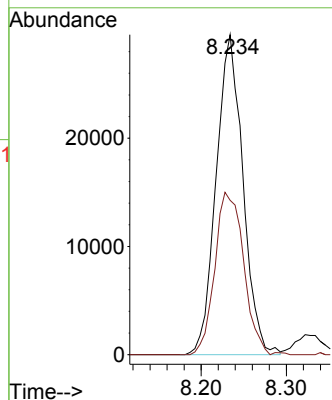
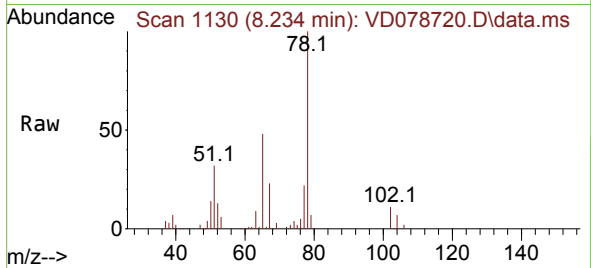
ClientSampleId :

Tgt Ion: 65 Resp: 64445

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

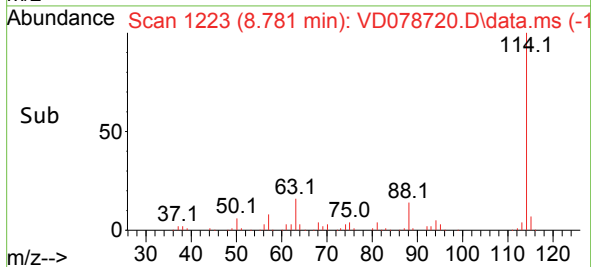
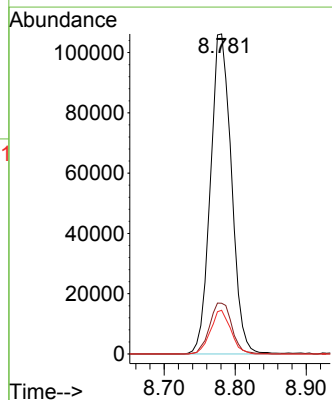
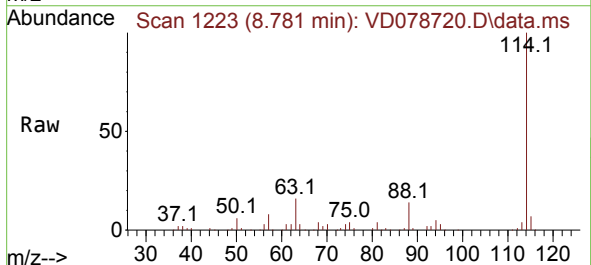
Tgt Ion:114 Resp: 217678

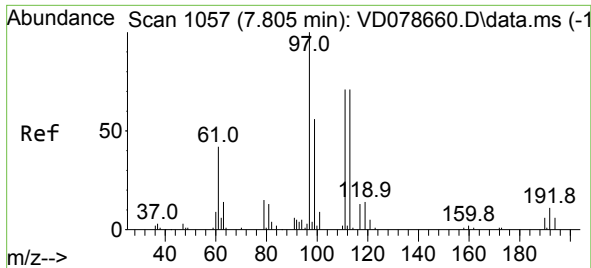
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

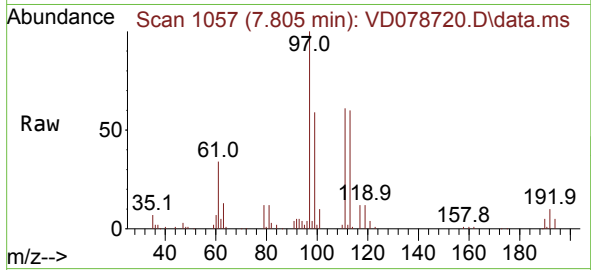
88 13.7 0.0 24.6



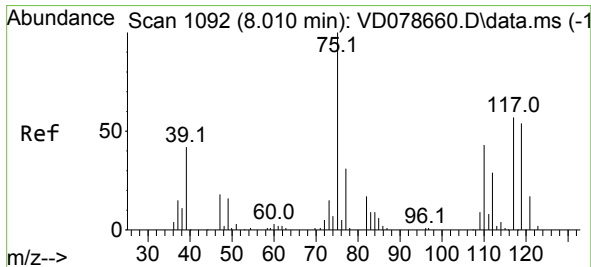
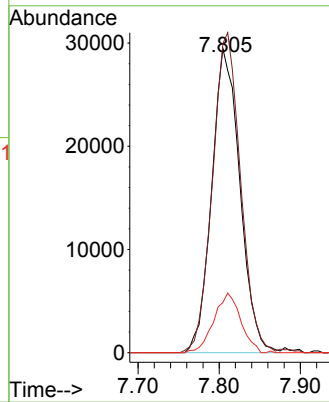
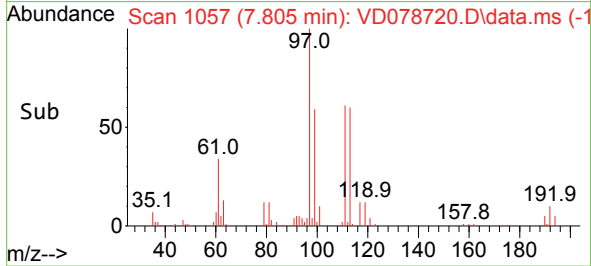


#35
Dibromofluoromethane
Concen: 50.787 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Instrument :
MSVOA_D
ClientSampleId :

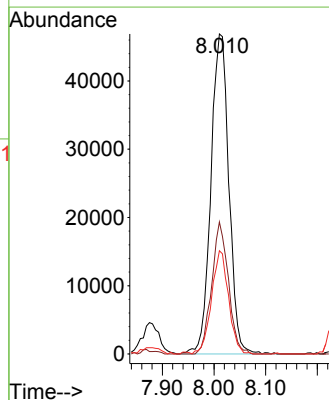
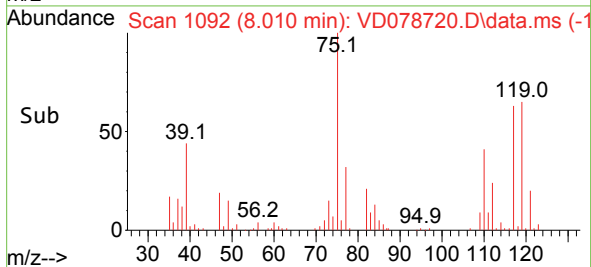
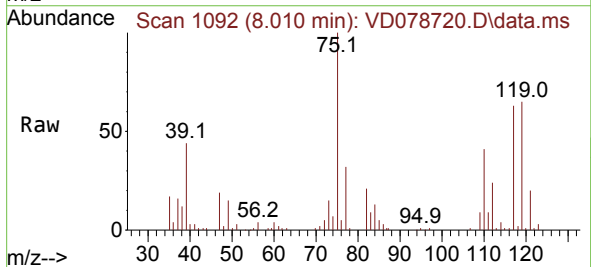


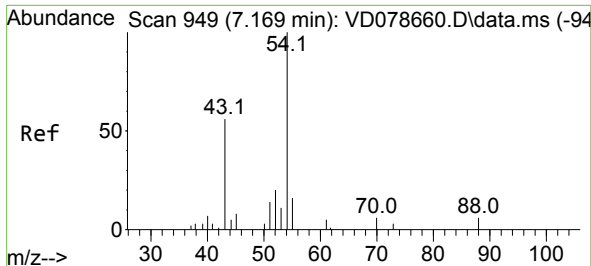
Tgt Ion:113 Resp: 71179
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 18.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 55.744 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 75 Resp: 113356
Ion Ratio Lower Upper
75 100
110 38.2 19.1 57.1
77 30.6 25.4 38.2

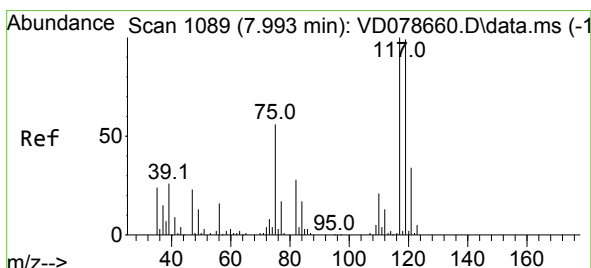
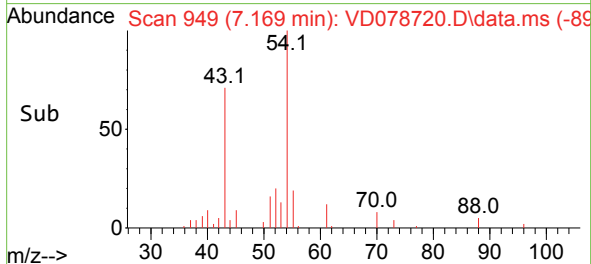
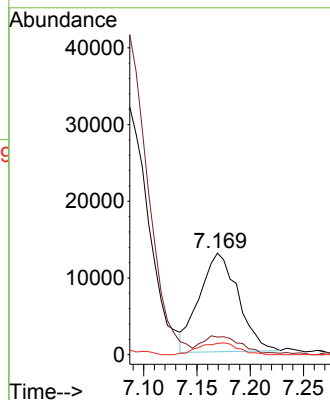
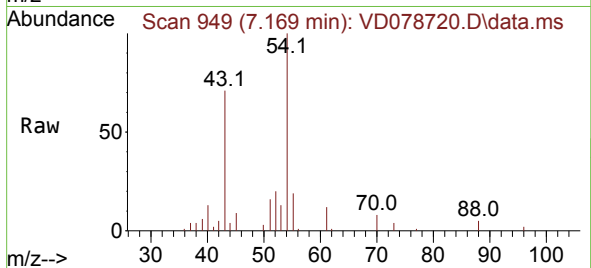




#37
Ethyl Acetate
Concen: 49.026 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

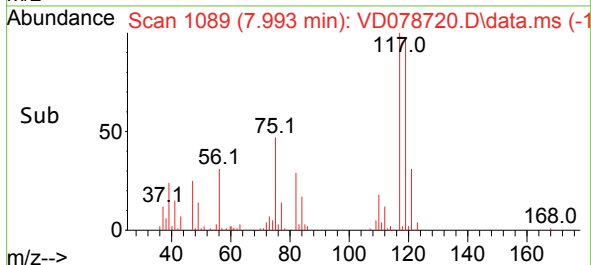
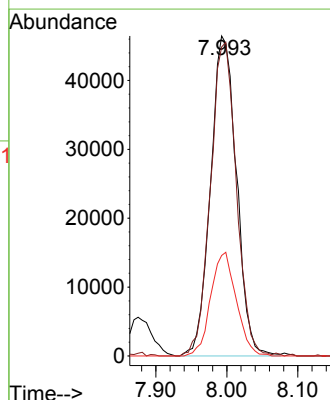
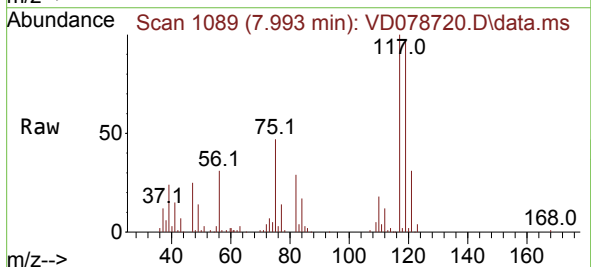
Instrument :
MSVOA_D
ClientSampleId :

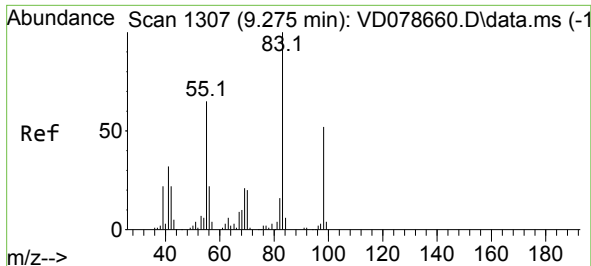
Tgt Ion: 43 Resp: 32569
Ion Ratio Lower Upper
43 100
61 16.9 14.6 21.8
70 12.1 9.4 14.0



#38
Carbon Tetrachloride
Concen: 54.908 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 117 Resp: 117711
Ion Ratio Lower Upper
117 100
119 96.6 79.2 118.8
121 31.4 26.8 40.2





#39

Methylcyclohexane

Concen: 58.346 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

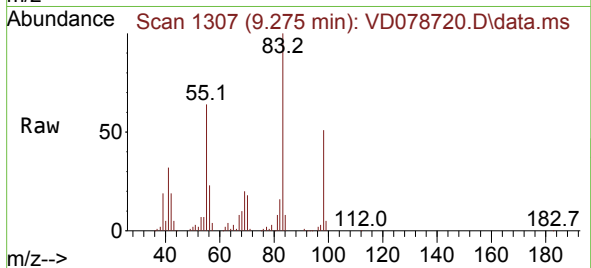
Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :



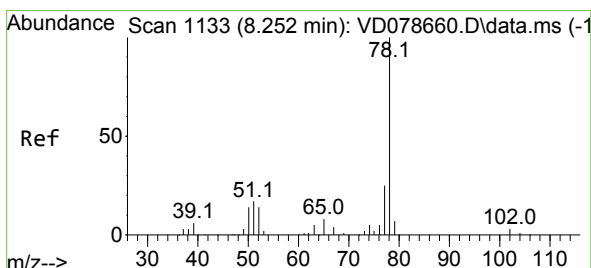
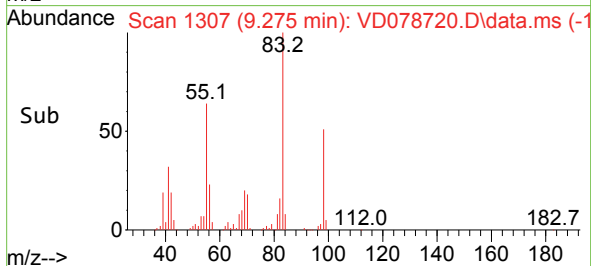
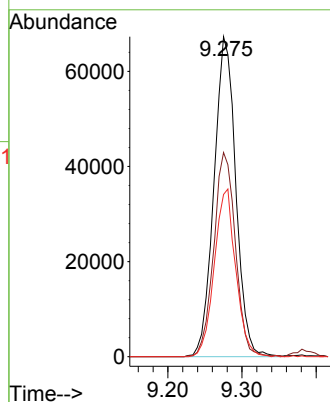
Tgt Ion: 83 Resp: 137634

Ion Ratio Lower Upper

83 100

55 63.8 51.7 77.5

98 50.7 41.4 62.0



#40

Benzene

Concen: 53.954 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078720.D

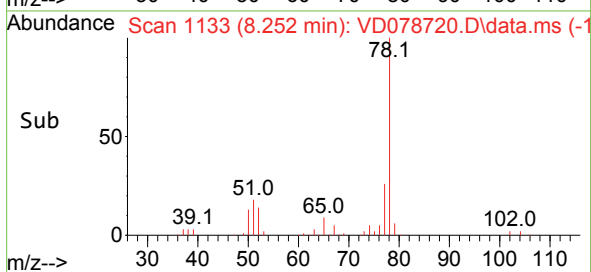
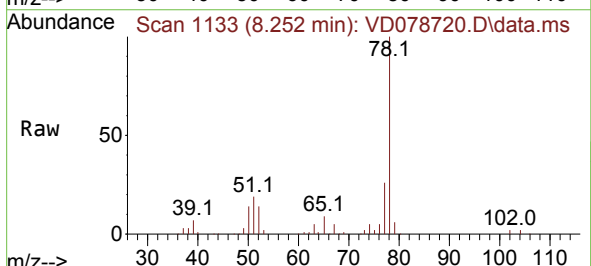
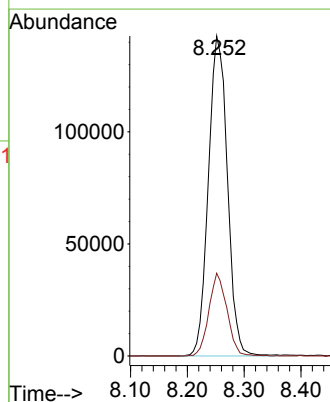
Acq: 21 Mar 2024 10:10

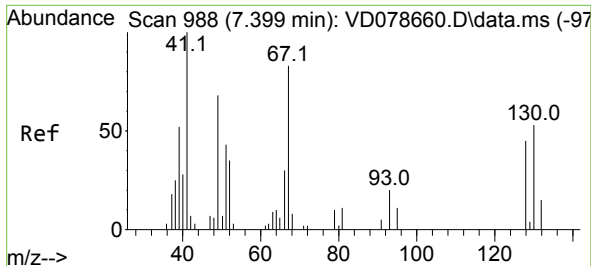
Tgt Ion: 78 Resp: 331658

Ion Ratio Lower Upper

78 100

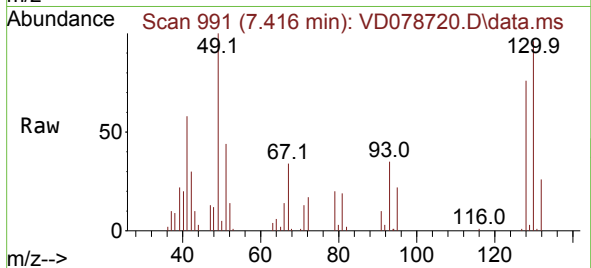
77 25.8 20.4 30.6





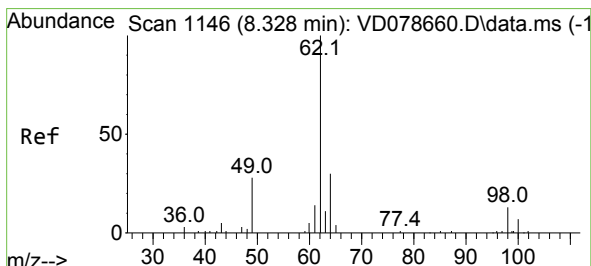
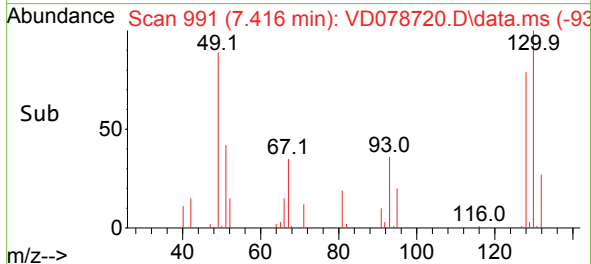
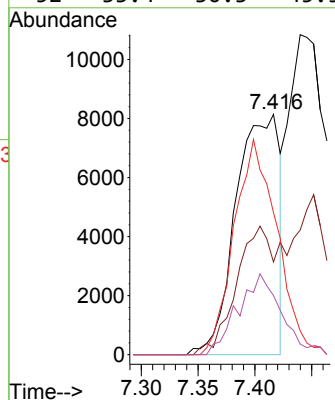
#41
Methacrylonitrile
Concen: 62.373 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.018 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 21714

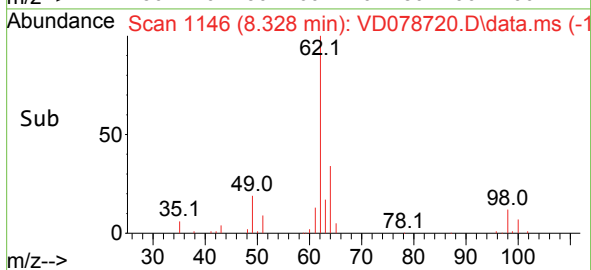
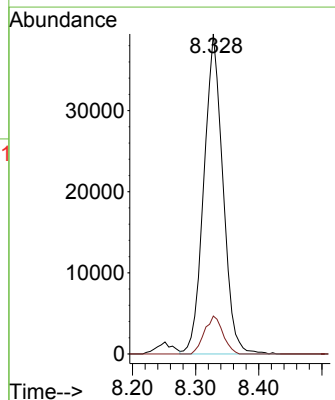
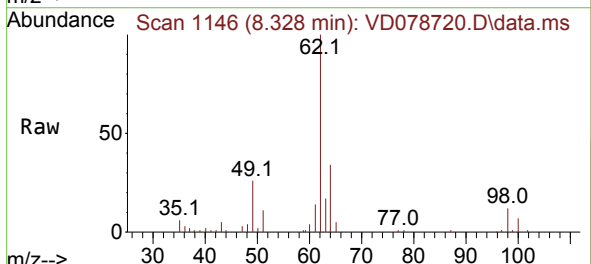
Ion	Ratio	Lower	Upper
41	100		
39	44.0	39.8	59.6
67	87.9	83.5	125.3
52	33.4	30.3	45.5

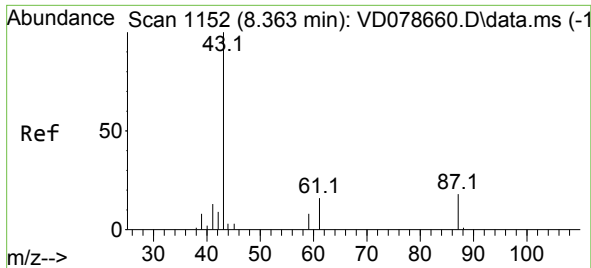


#42
1,2-Dichloroethane
Concen: 55.145 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 62 Resp: 82666

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	23.8

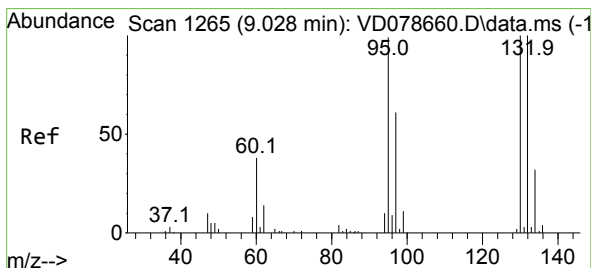
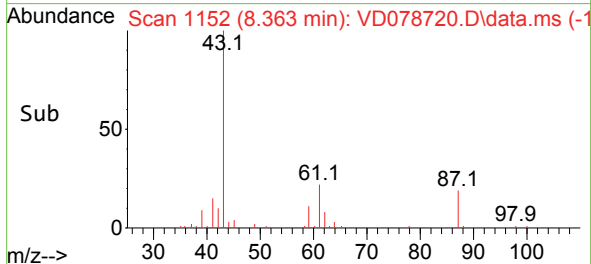
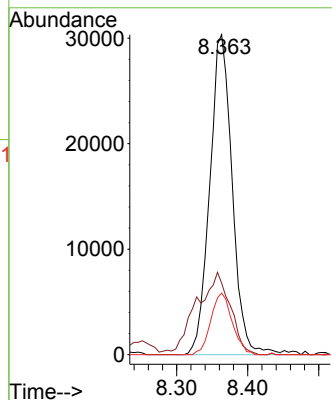
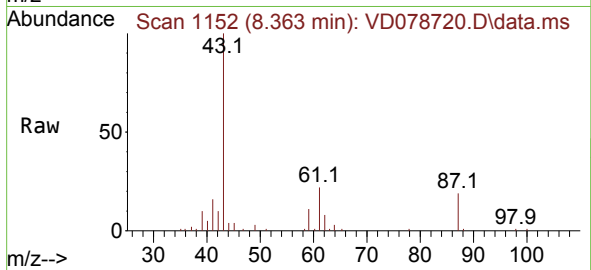




#43
Isopropyl Acetate
Concen: 55.026 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

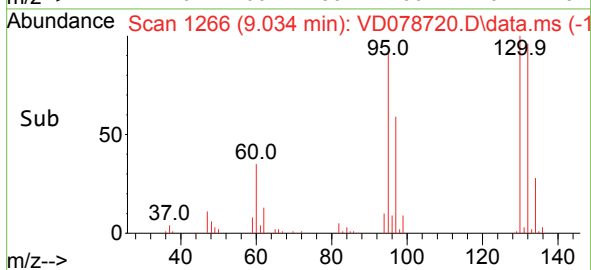
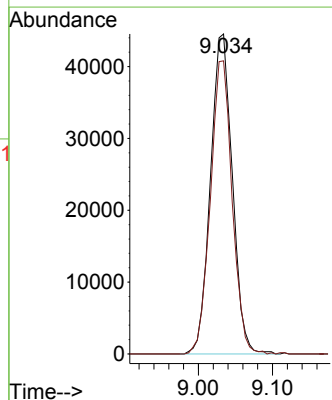
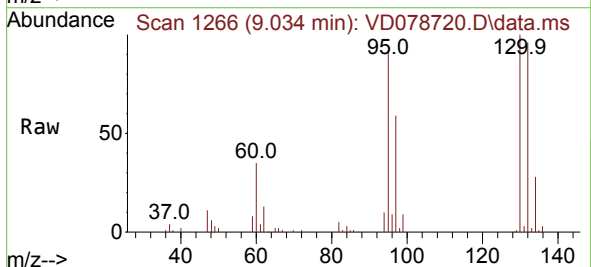
Instrument :
MSVOA_D
ClientSampleId :

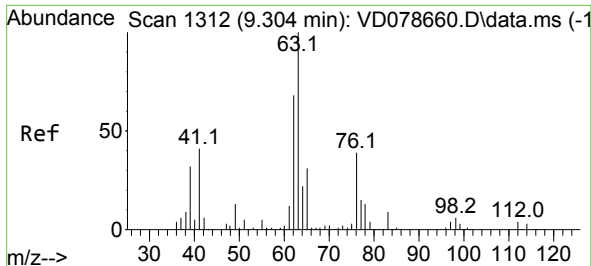
Tgt Ion: 43 Resp: 66479
Ion Ratio Lower Upper
43 100
61 38.8 30.1 45.1
87 18.4 14.4 21.6



#44
Trichloroethene
Concen: 54.730 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion:130 Resp: 91300
Ion Ratio Lower Upper
130 100
95 91.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 55.250 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

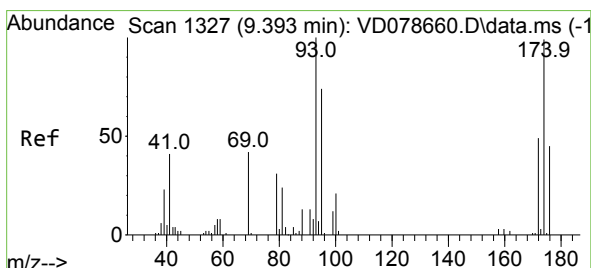
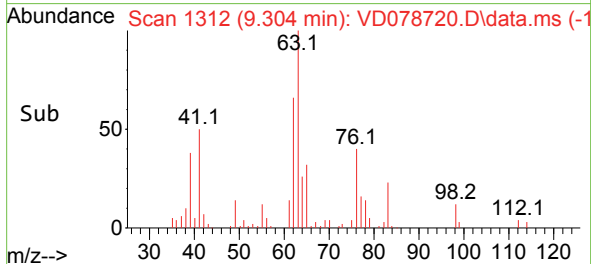
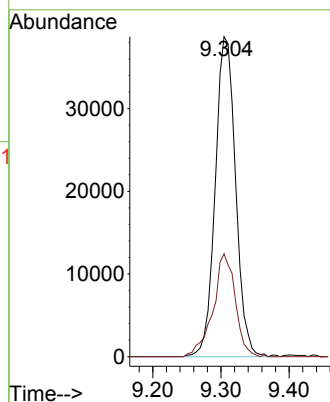
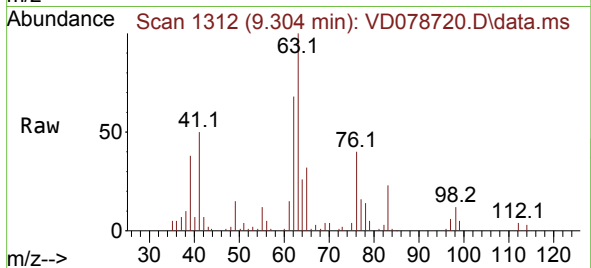
ClientSampleId :

Tgt Ion: 63 Resp: 80565

Ion Ratio Lower Upper

63 100

65 32.1 24.8 37.2



#46

Dibromomethane

Concen: 54.844 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

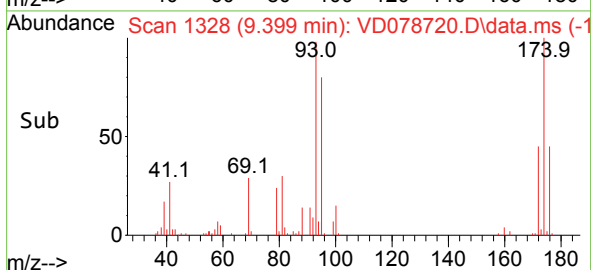
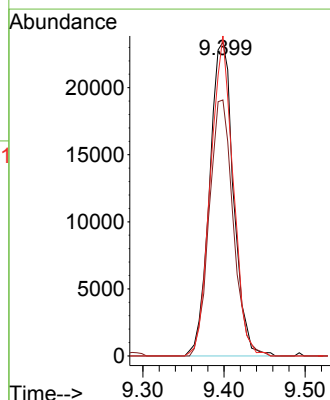
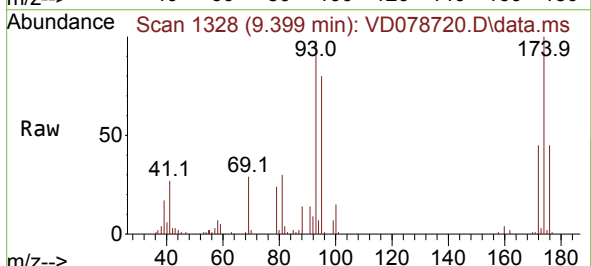
Tgt Ion: 93 Resp: 47940

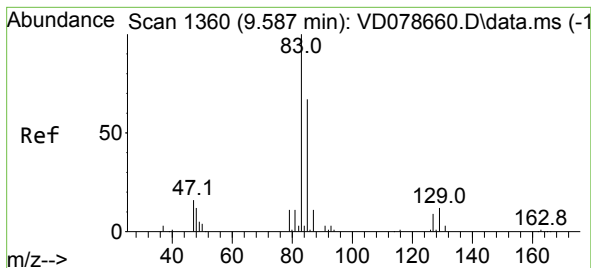
Ion Ratio Lower Upper

93 100

95 81.4 67.3 100.9

174 96.2 80.9 121.3





#47

Bromodichloromethane

Concen: 54.218 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

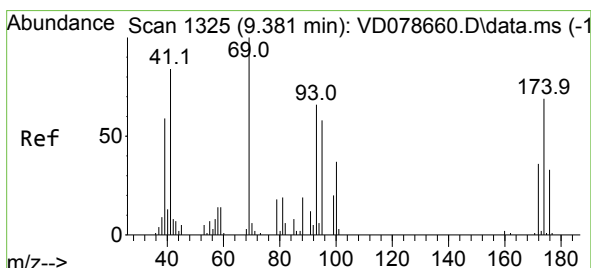
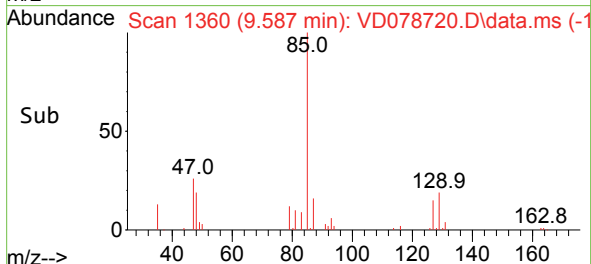
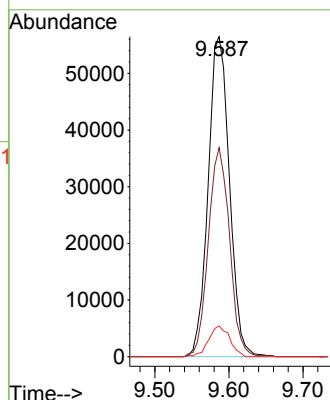
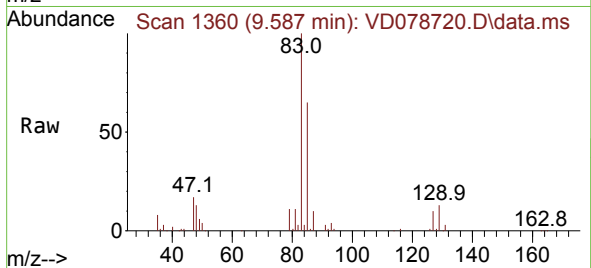
Tgt Ion: 83 Resp: 112822

Ion Ratio Lower Upper

83 100

85 65.3 54.0 81.0

127 9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 55.155 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

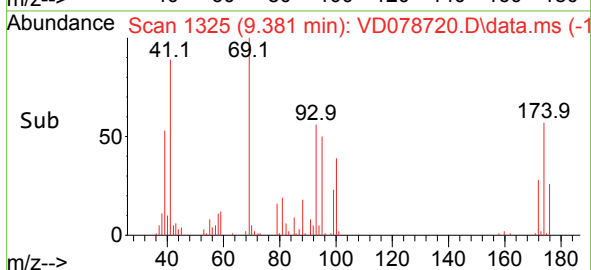
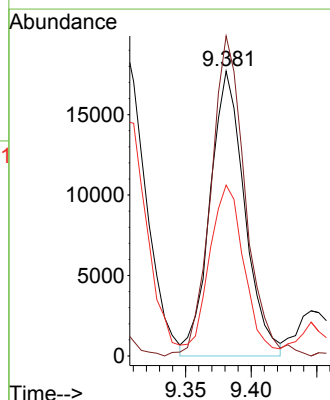
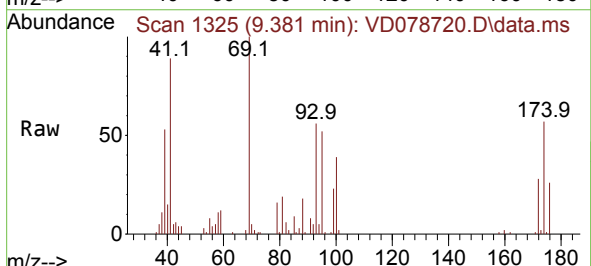
Tgt Ion: 41 Resp: 32468

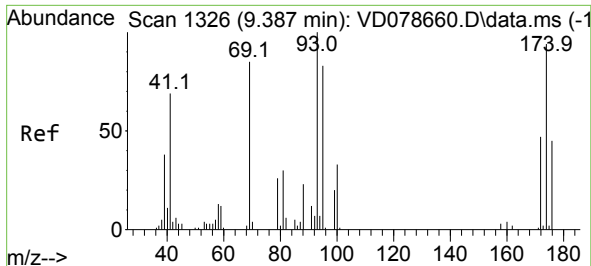
Ion Ratio Lower Upper

41 100

69 111.1 88.3 132.5

39 55.2 46.6 69.8

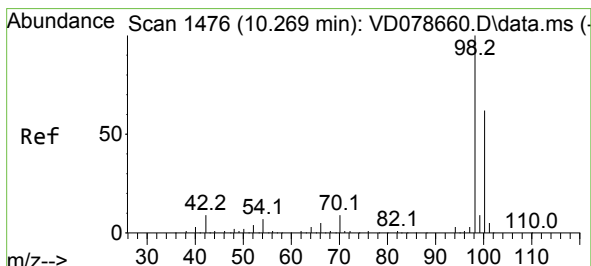
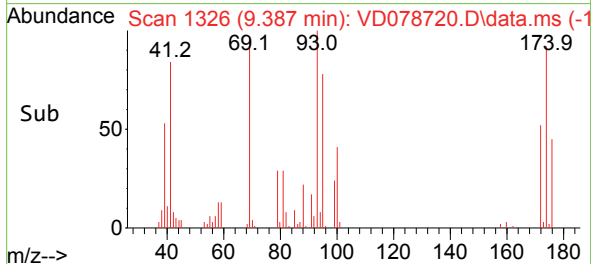
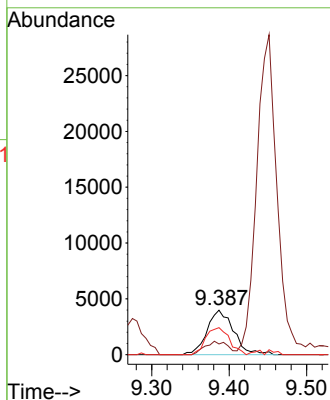
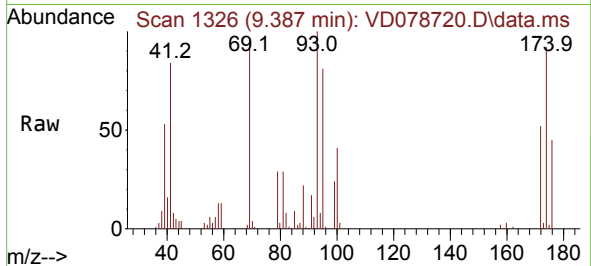




#49
1,4-Dioxane
Concen: 1179.853 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

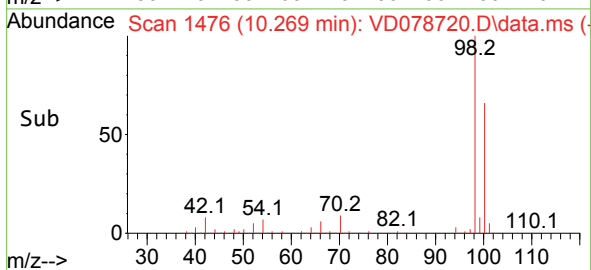
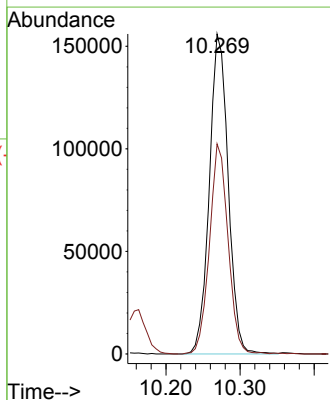
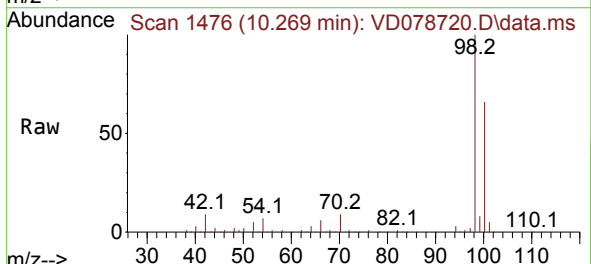
Instrument :
MSVOA_D
ClientSampleId :

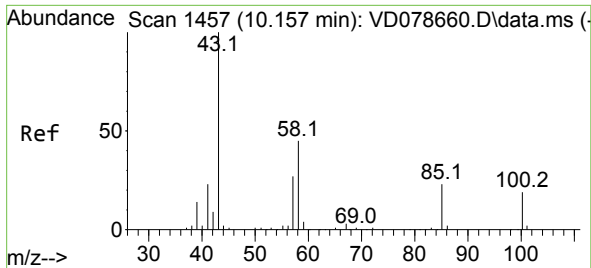
Tgt Ion: 88 Resp: 9549
Ion Ratio Lower Upper
88 100
43 26.3 23.2 34.8
58 53.5 51.0 76.6



#50
Toluene-d8
Concen: 53.420 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 98 Resp: 275347
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

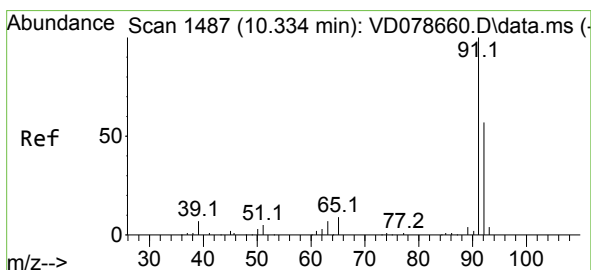
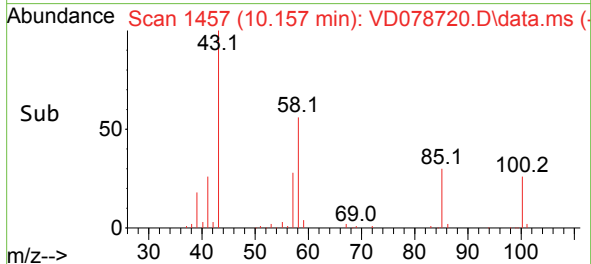
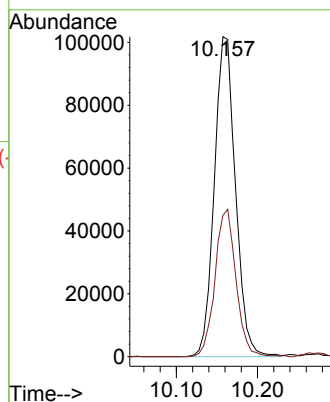
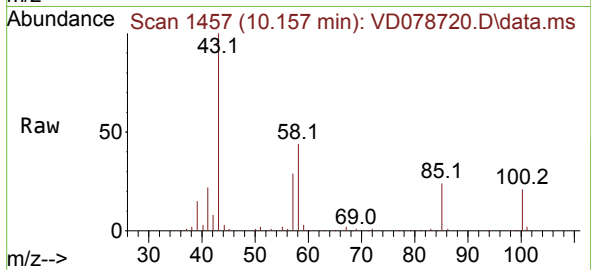




#51
4-Methyl-2-Pentanone
Concen: 292.336 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

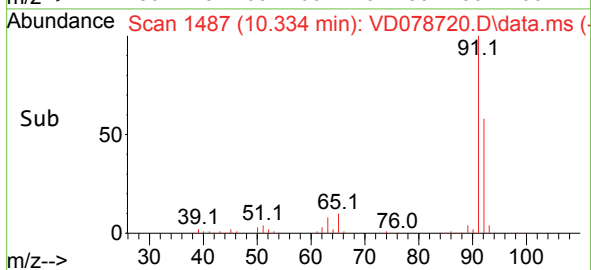
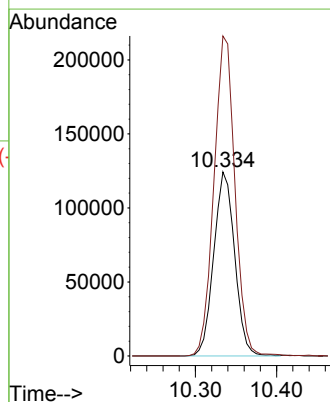
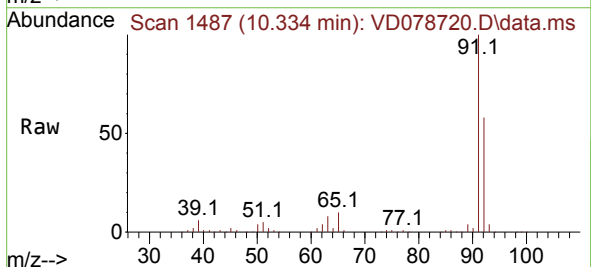
Instrument :
MSVOA_D
ClientSampleId :

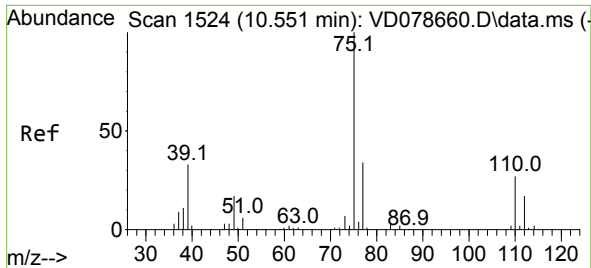
Tgt Ion: 43 Resp: 184641
Ion Ratio Lower Upper
43 100
58 45.8 36.4 54.6



#52
Toluene
Concen: 56.311 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 92 Resp: 222854
Ion Ratio Lower Upper
92 100
91 174.4 136.6 205.0

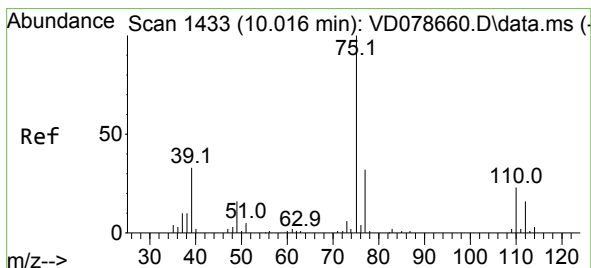
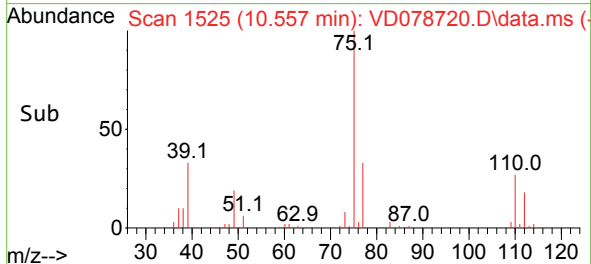
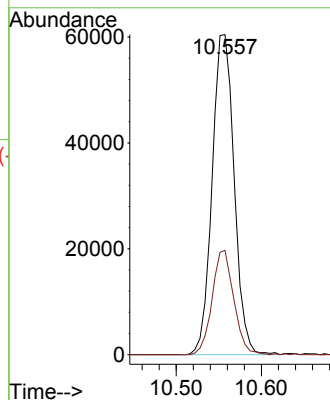
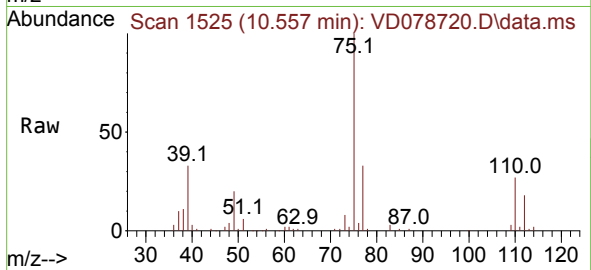




#53
t-1,3-Dichloropropene
Concen: 57.177 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

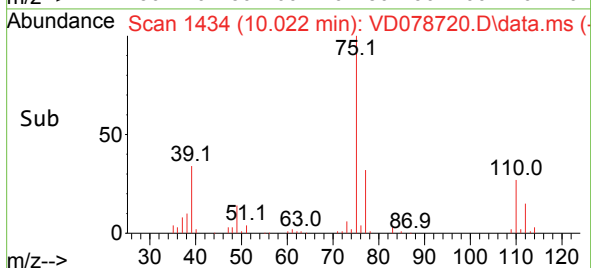
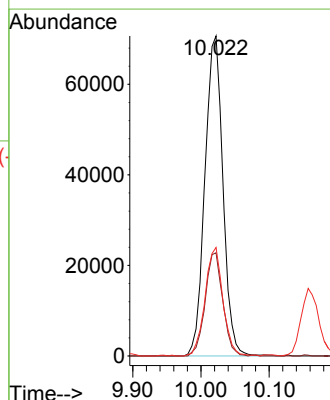
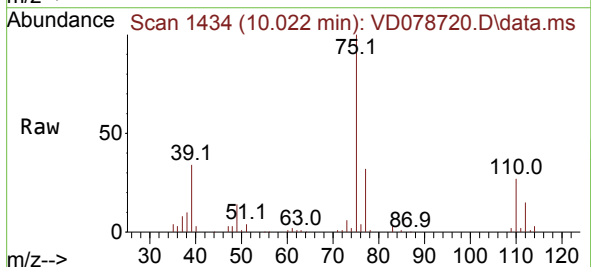
Instrument :
MSVOA_D
ClientSampleId :

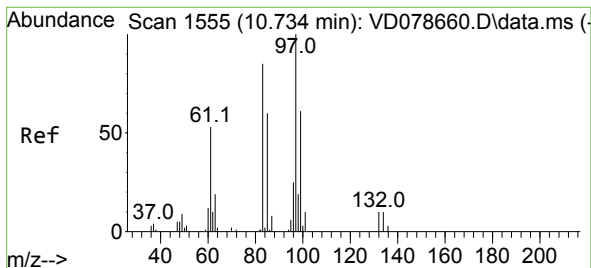
Tgt Ion: 75 Resp: 108784
Ion Ratio Lower Upper
75 100
77 32.6 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 56.883 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

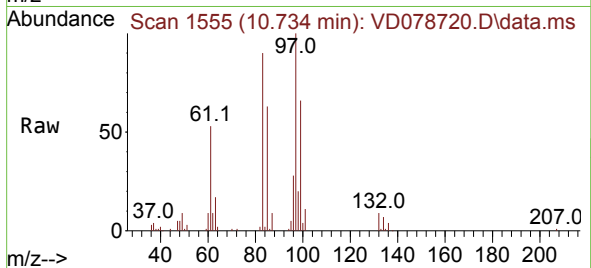
Tgt Ion: 75 Resp: 130104
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 33.9 26.7 40.1



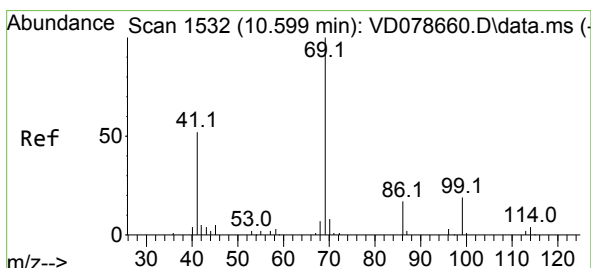
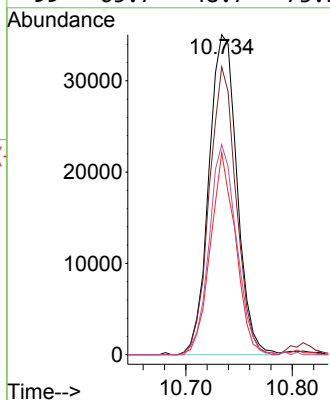
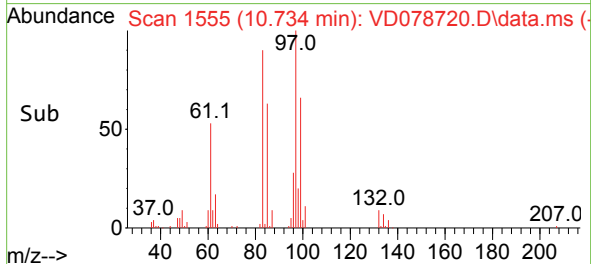


#55
1,1,2-Trichloroethane
Concen: 54.931 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Instrument :
MSVOA_D
ClientSampleId :

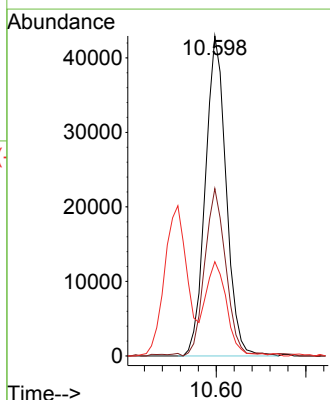
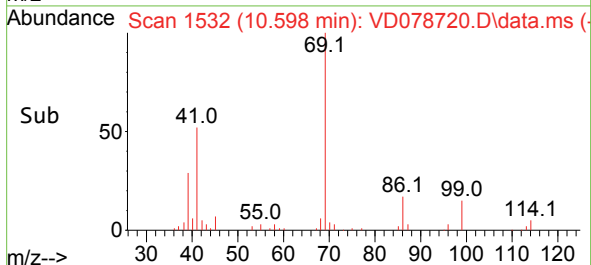
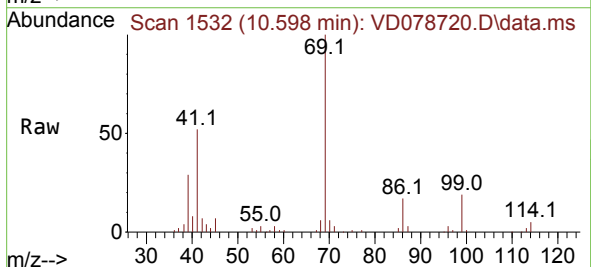


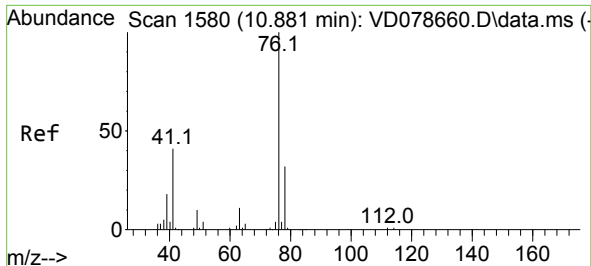
Tgt Ion:	97	Resp:	64299
Ion	Ratio	Lower	Upper
97	100		
83	90.0	68.1	102.1
85	63.2	48.2	72.2
99	65.7	48.7	73.1



#56
Ethyl methacrylate
Concen: 58.864 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion:	69	Resp:	69074
Ion	Ratio	Lower	Upper
69	100		
41	53.4	40.9	61.3
39	28.6	25.5	38.3





#57

1,3-Dichloropropane

Concen: 55.914 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

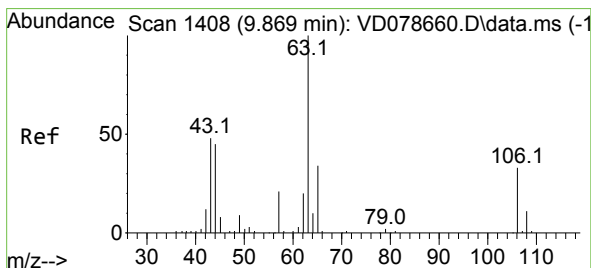
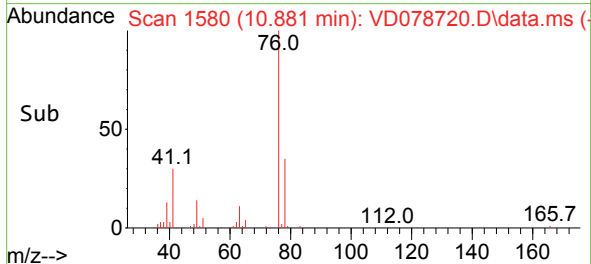
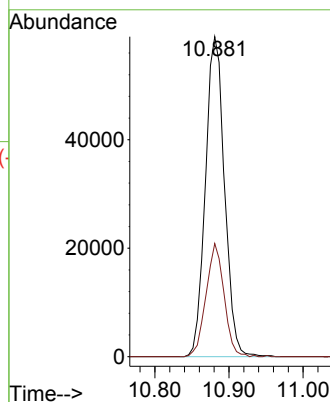
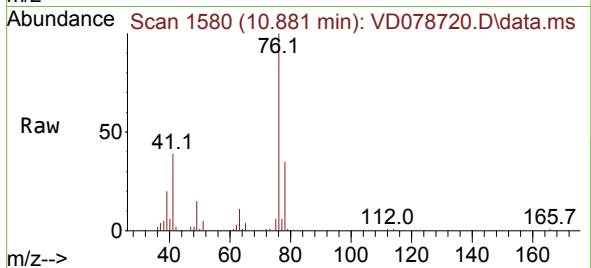
ClientSampleId :

Tgt Ion: 76 Resp: 105609

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 324.440 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078720.D

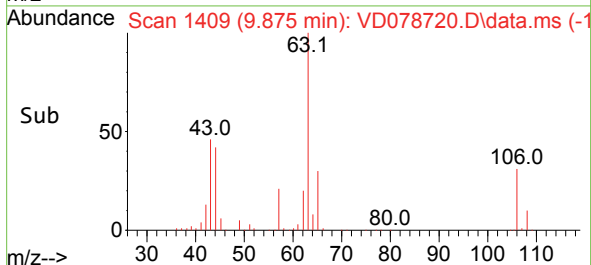
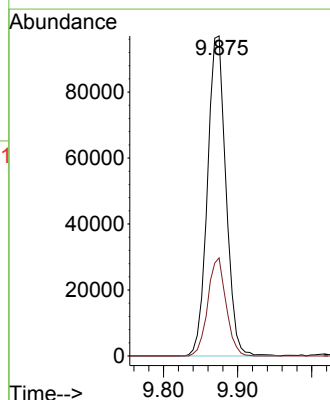
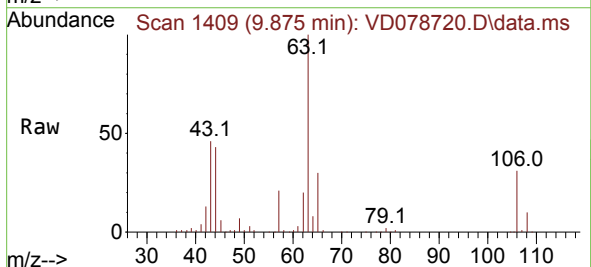
Acq: 21 Mar 2024 10:10

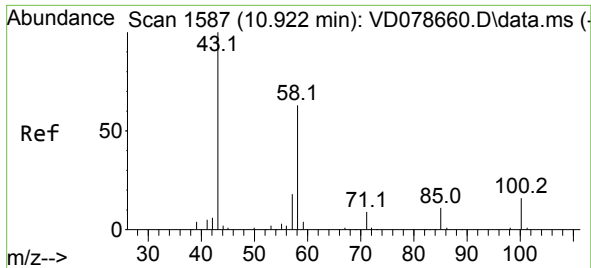
Tgt Ion: 63 Resp: 167872

Ion Ratio Lower Upper

63 100

106 30.3 25.2 37.8

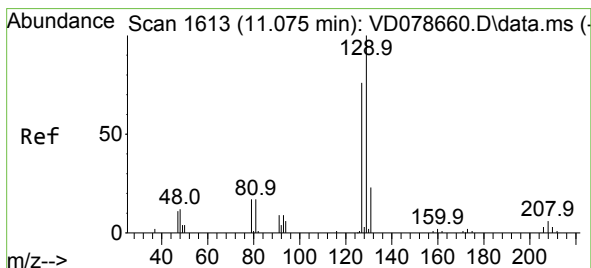
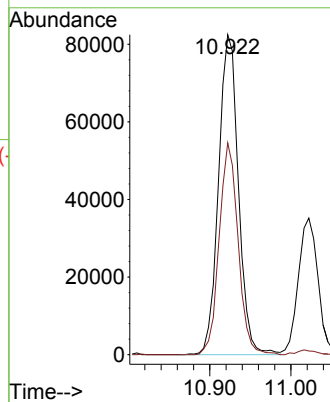
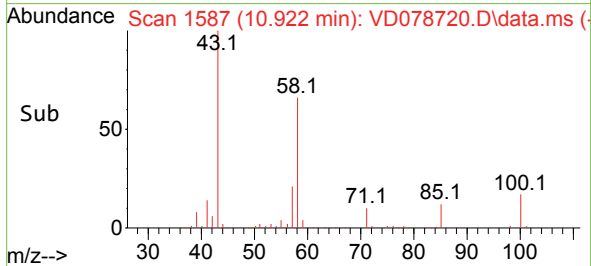
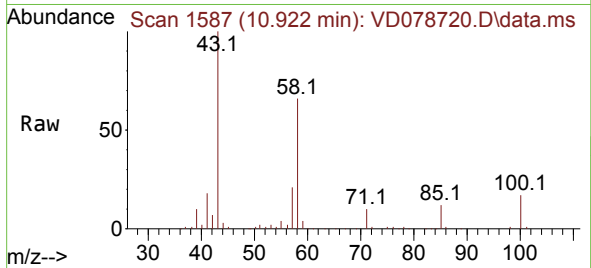




#59
2-Hexanone
Concen: 300.066 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

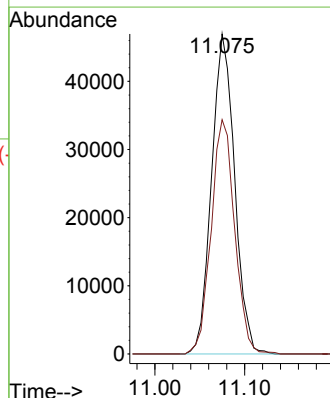
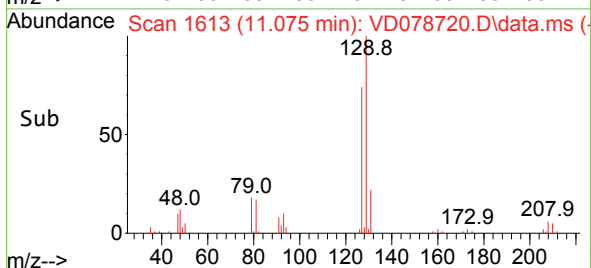
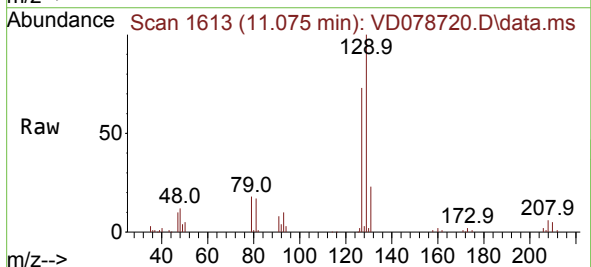
Instrument :
MSVOA_D
ClientSampleId :

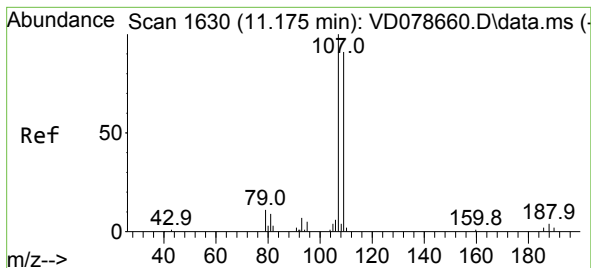
Tgt Ion: 43 Resp: 140495
Ion Ratio Lower Upper
43 100
58 63.1 31.5 94.5



#60
Dibromochloromethane
Concen: 57.991 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion:129 Resp: 83713
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.3

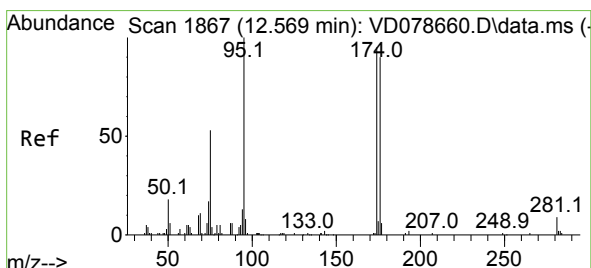
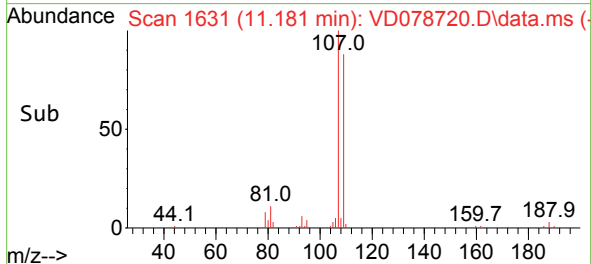
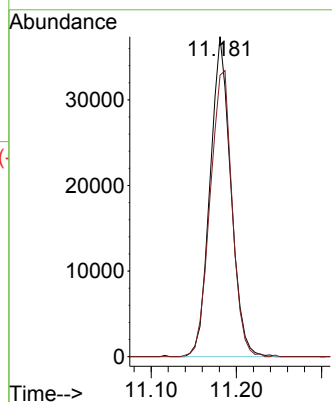
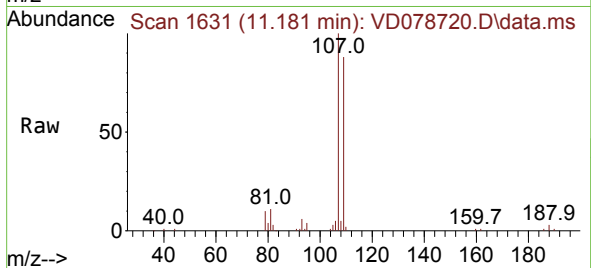




#61
1,2-Dibromoethane
Concen: 55.854 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

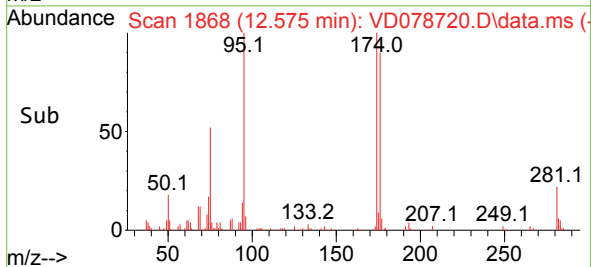
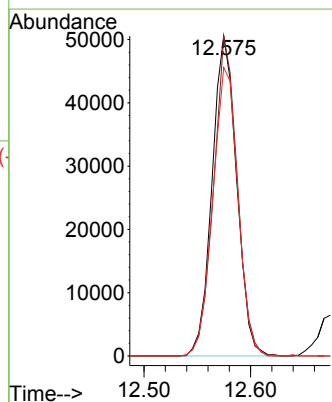
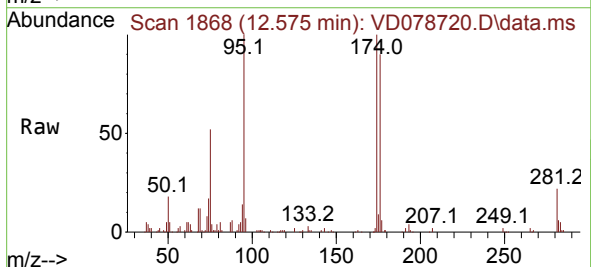
Instrument :
MSVOA_D
ClientSampleId :

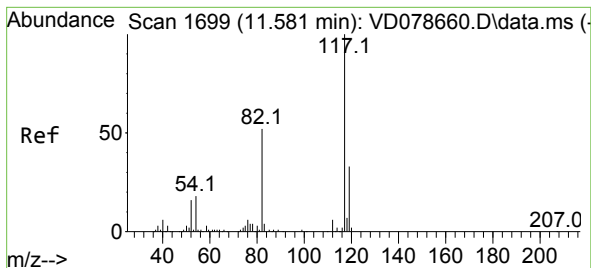
Tgt Ion:107 Resp: 63272
Ion Ratio Lower Upper
107 100
109 94.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 53.430 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 95 Resp: 80569
Ion Ratio Lower Upper
95 100
174 96.5 0.0 195.2
176 92.9 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

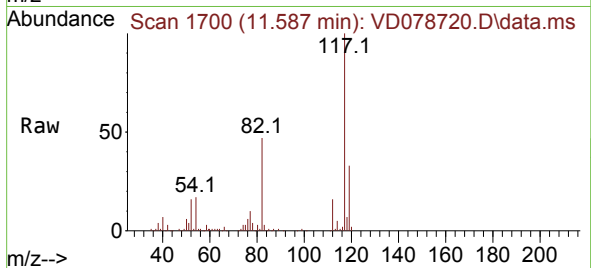
Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :



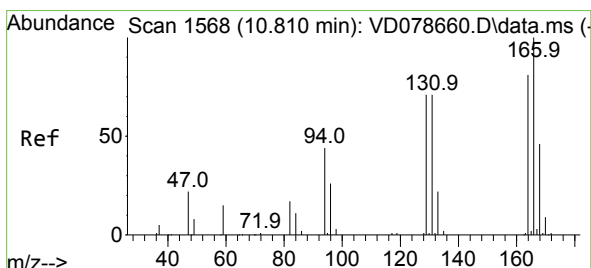
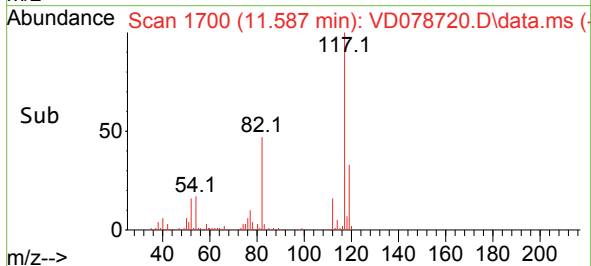
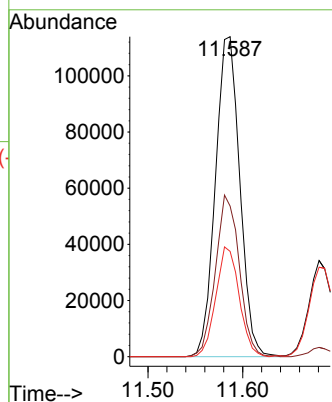
Tgt Ion:117 Resp: 203886

Ion Ratio Lower Upper

117 100

82 47.0 41.4 62.2

119 32.9 26.5 39.7



#64

Tetrachloroethene

Concen: 55.784 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Tgt Ion:164 Resp: 75266

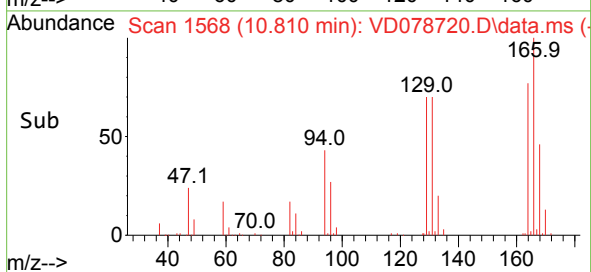
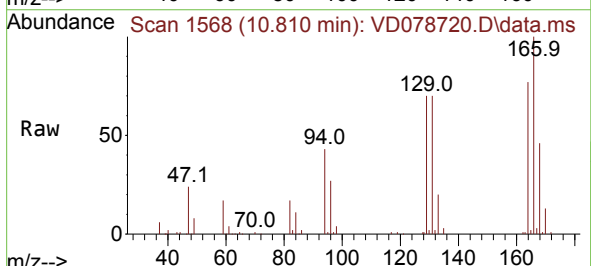
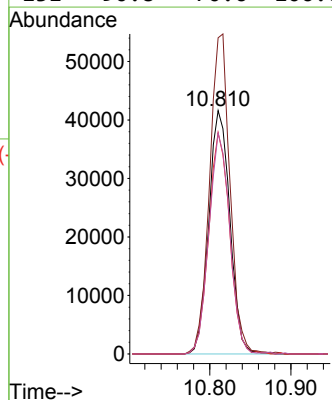
Ion Ratio Lower Upper

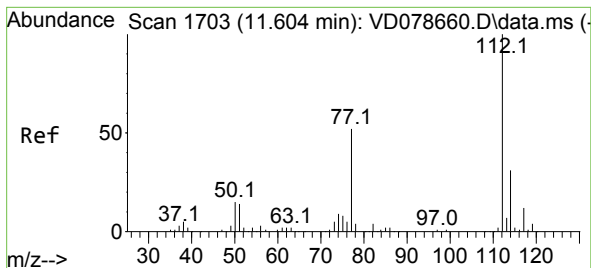
164 100

166 129.9 98.9 148.3

129 90.9 70.3 105.5

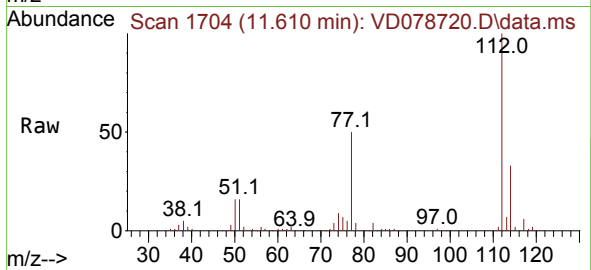
131 90.8 70.6 106.0



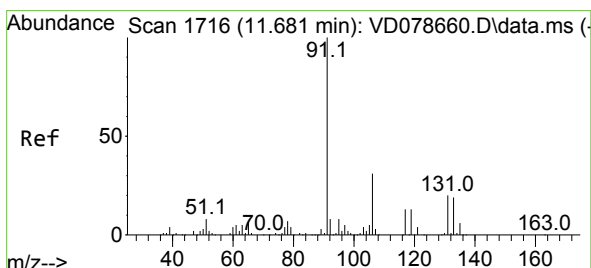
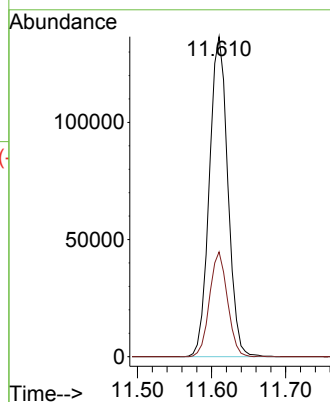
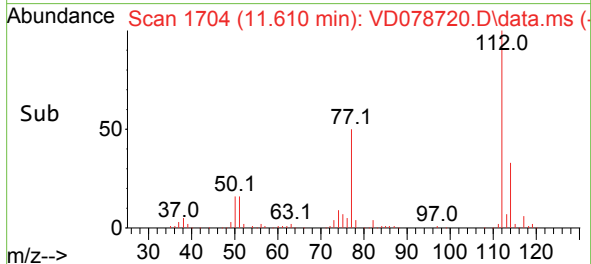


#65
Chlorobenzene
Concen: 55.546 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Instrument :
MSVOA_D
ClientSampleId :

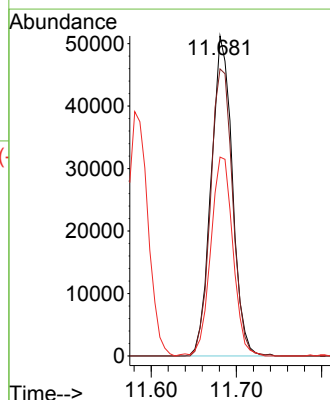
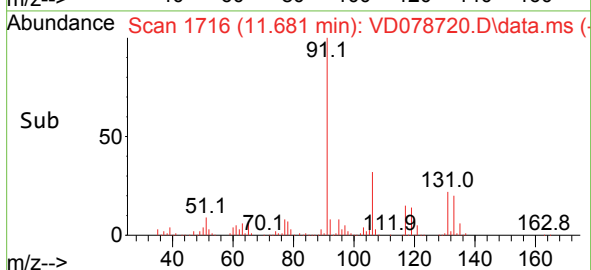
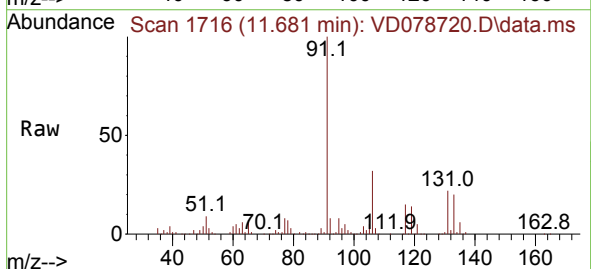


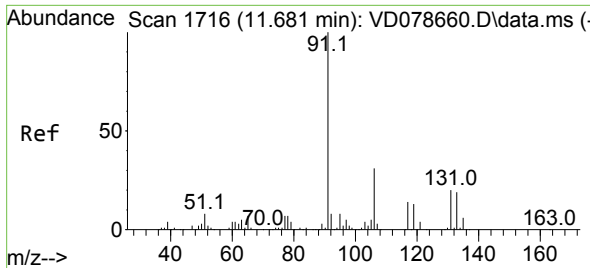
Tgt Ion:112 Resp: 236657
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.851 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion:131 Resp: 88707
Ion Ratio Lower Upper
131 100
133 93.8 47.6 142.9
119 65.0 34.1 102.3

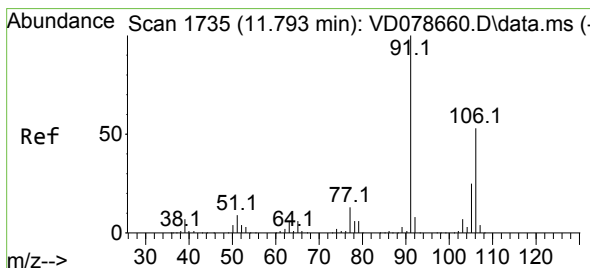
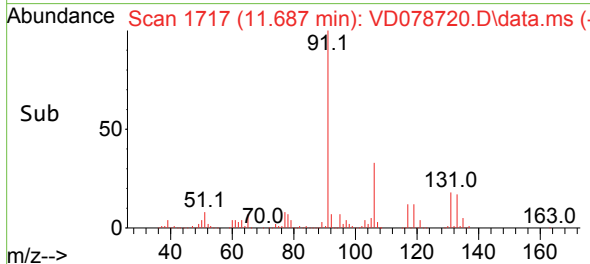
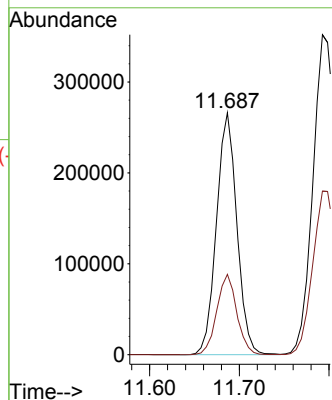
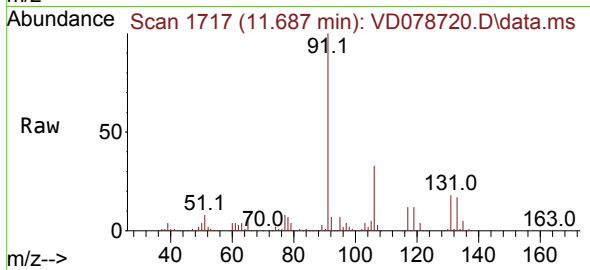




#67
Ethyl Benzene
Concen: 57.896 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

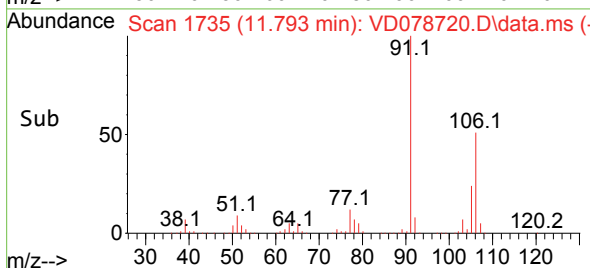
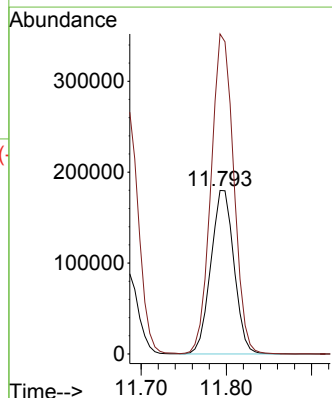
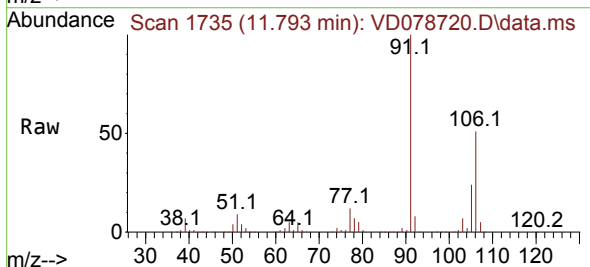
Instrument :
MSVOA_D
ClientSampleId :

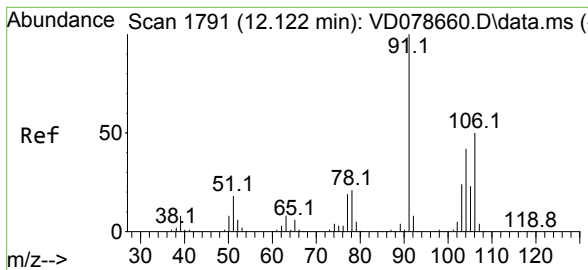
Tgt Ion: 91 Resp: 420342
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7



#68
m/p-Xylenes
Concen: 115.188 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 106 Resp: 339597
Ion Ratio Lower Upper
106 100
91 192.3 154.4 231.6

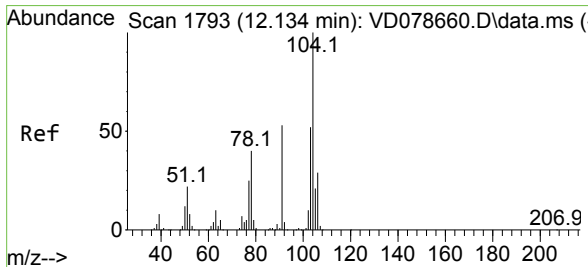
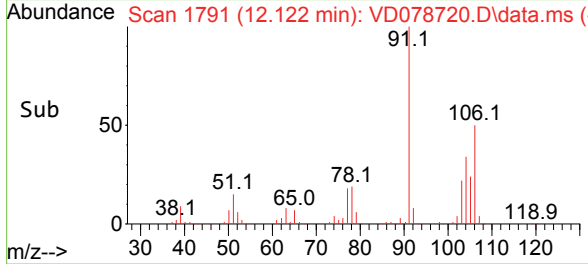
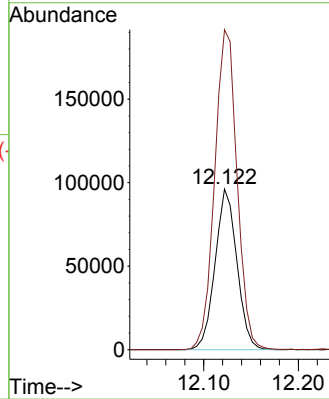
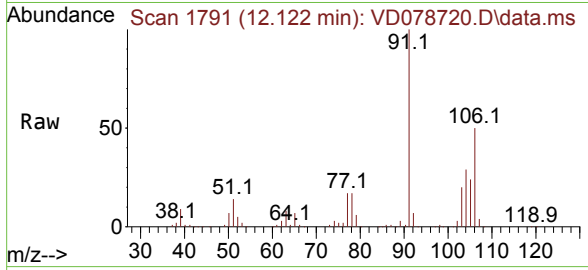




#69
o-Xylene
Concen: 56.406 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

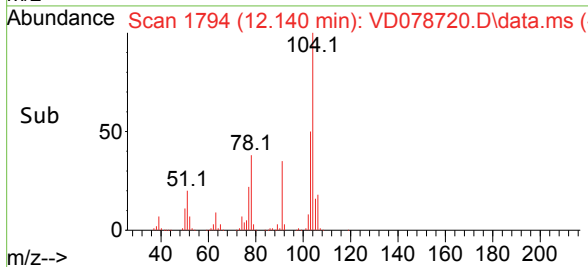
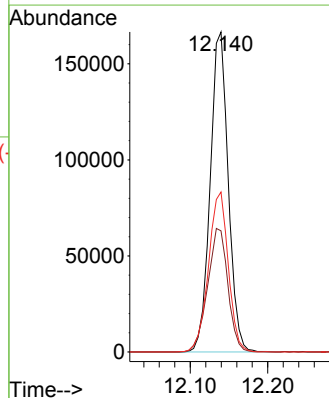
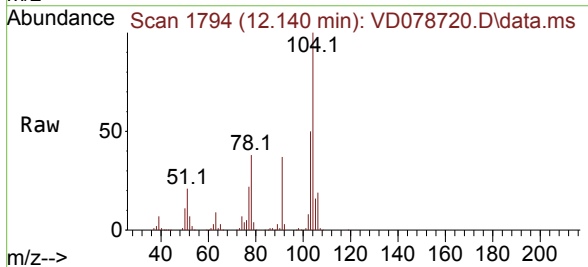
Instrument :
MSVOA_D
ClientSampleId :

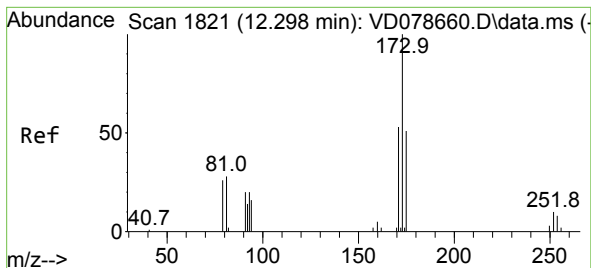
Tgt Ion:106 Resp: 153863
Ion Ratio Lower Upper
106 100
91 204.7 99.6 298.7



#70
Styrene
Concen: 58.967 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion:104 Resp: 269977
Ion Ratio Lower Upper
104 100
78 43.4 34.6 52.0
103 54.8 44.2 66.2





#71

Bromoform

Concen: 57.696 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD078720.D

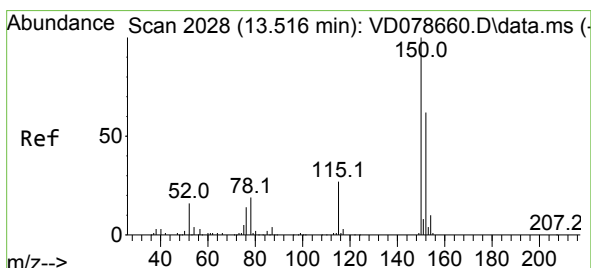
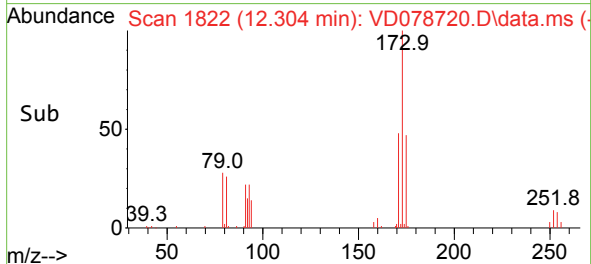
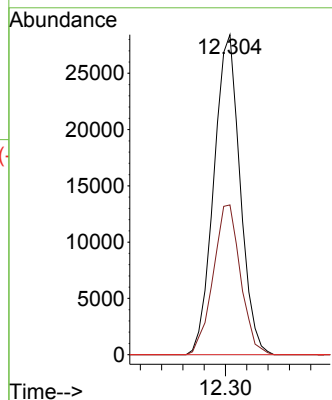
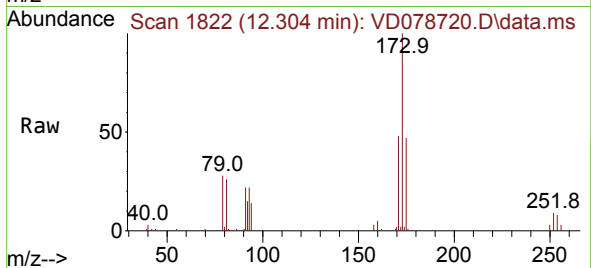
Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	48652
Ion Ratio	Lower	Upper
173	100	
175	48.7	25.8 77.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

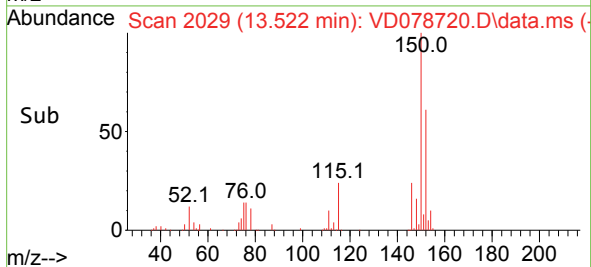
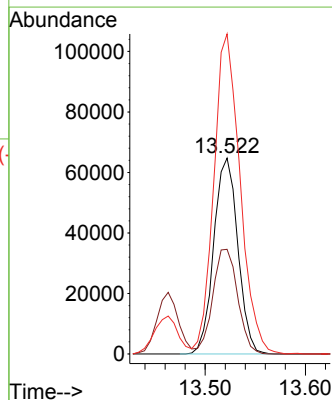
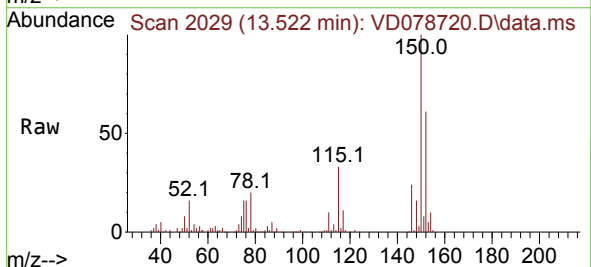
RT: 13.522 min Scan# 2029

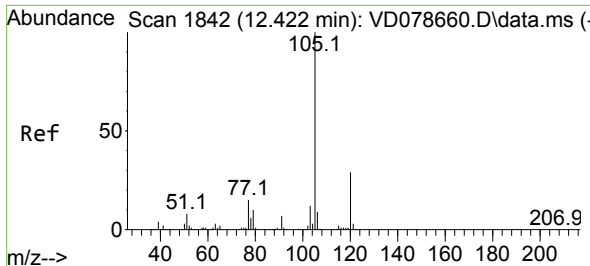
Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

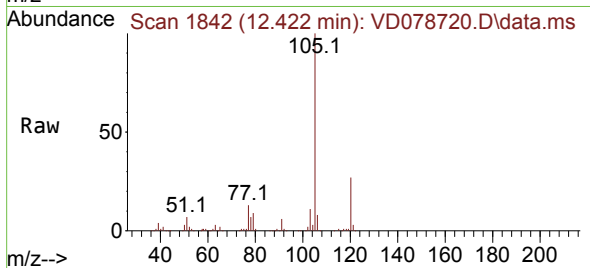
Tgt Ion:152	Resp:	107989
Ion Ratio	Lower	Upper
152	100	
115	55.4	27.1 81.2
150	178.2	0.0 350.2



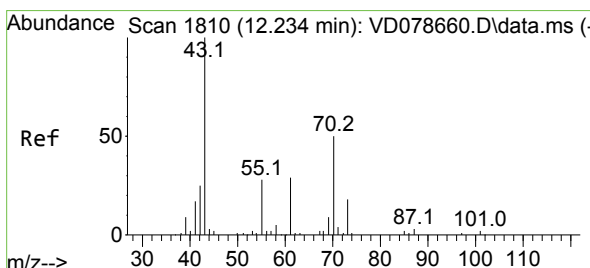
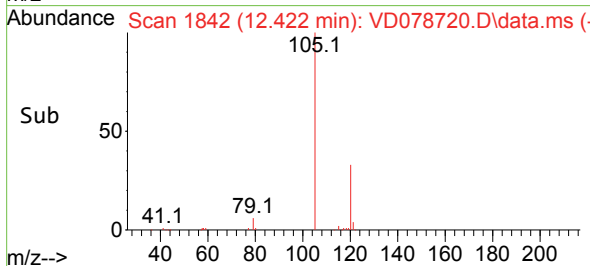
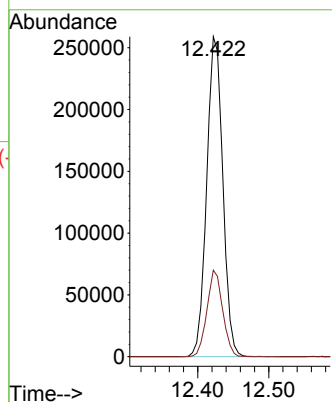


#73
Isopropylbenzene
Concen: 57.451 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Instrument :
MSVOA_D
ClientSampleId :

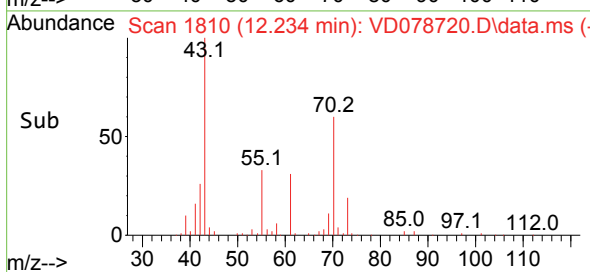
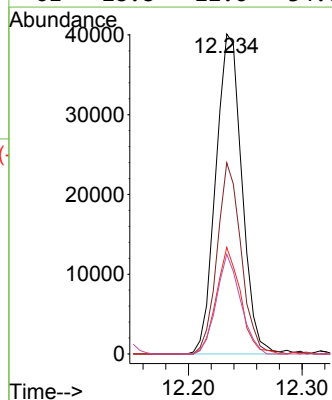
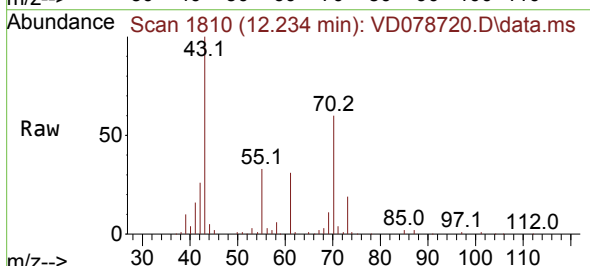


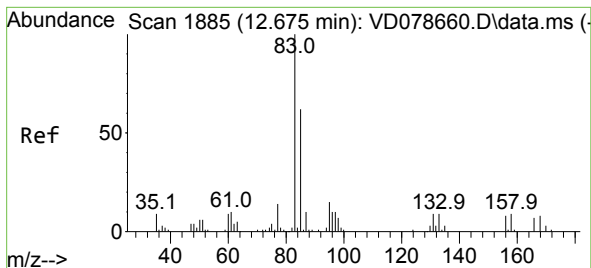
Tgt Ion:105 Resp: 408483
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 55.609 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 43 Resp: 64194
Ion Ratio Lower Upper
43 100
70 55.0 42.1 63.1
55 30.8 22.6 33.8
61 28.8 22.6 34.0

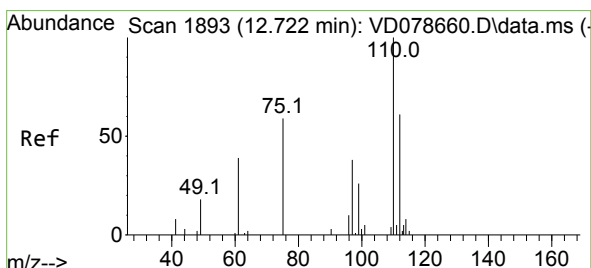
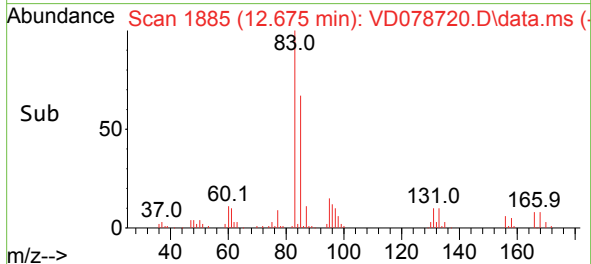
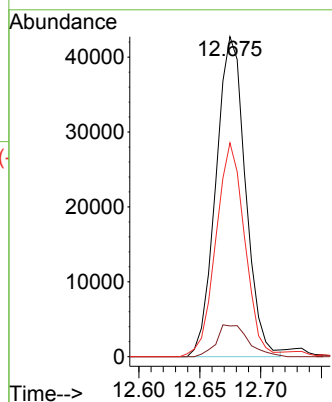
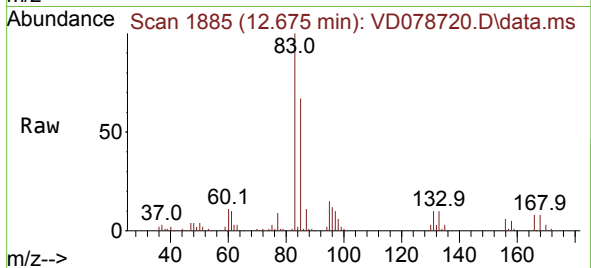




#75
1,1,2,2-Tetrachloroethane
Concen: 54.882 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

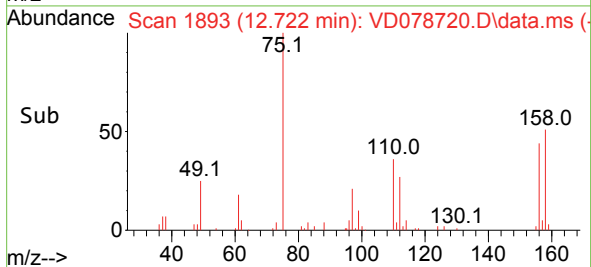
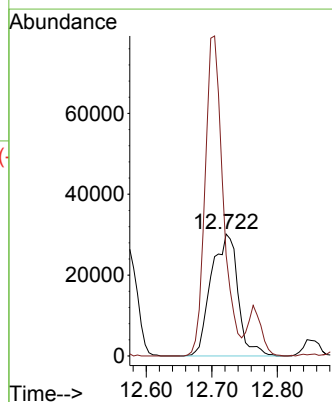
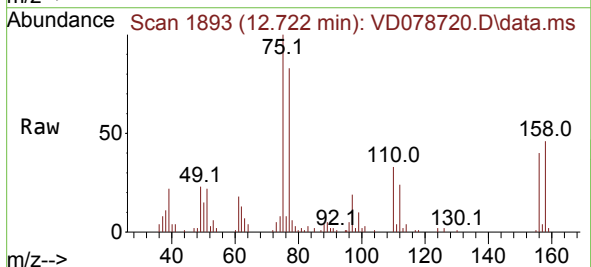
Instrument :
MSVOA_D
ClientSampleId :

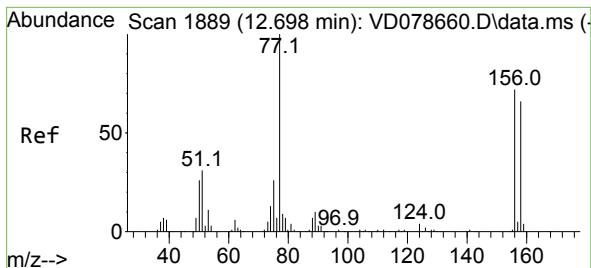
Tgt Ion: 83 Resp: 72236
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.7
85 65.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 102.885 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 75 Resp: 85599
Ion Ratio Lower Upper
75 100
77 177.7 0.0 0.0#





#77

Bromobenzene

Concen: 55.543 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

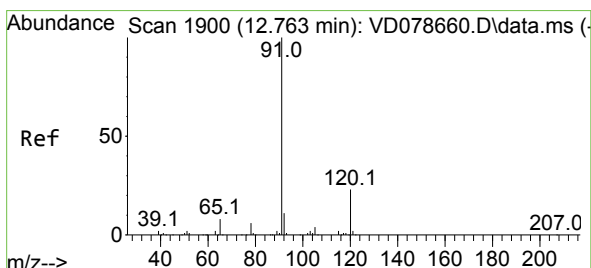
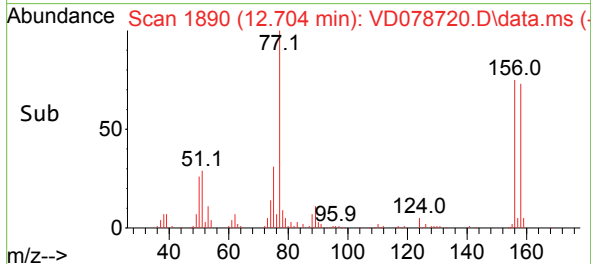
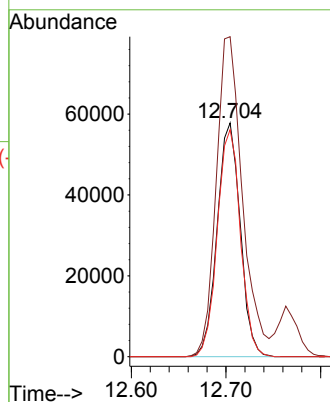
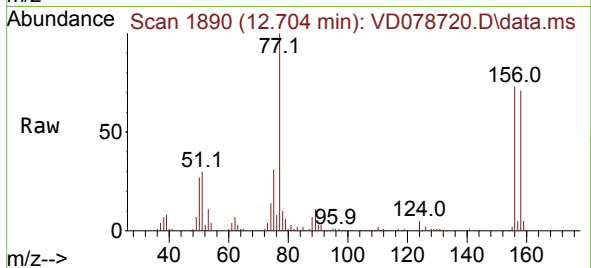
Tgt Ion:156 Resp: 97938

Ion Ratio Lower Upper

156 100

77 155.3 79.1 237.3

158 97.2 47.0 141.0



#78

n-propylbenzene

Concen: 57.710 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078720.D

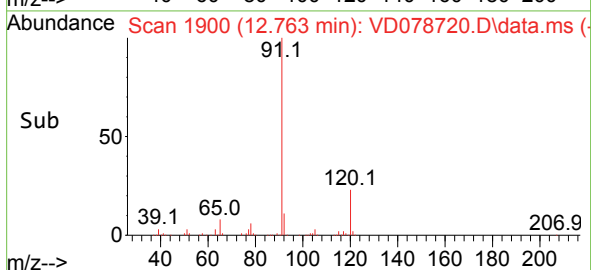
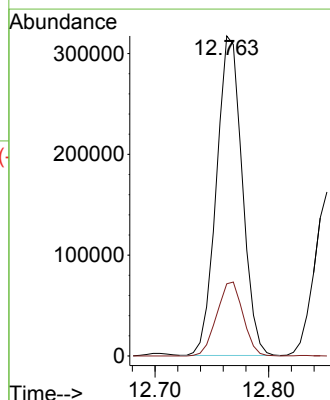
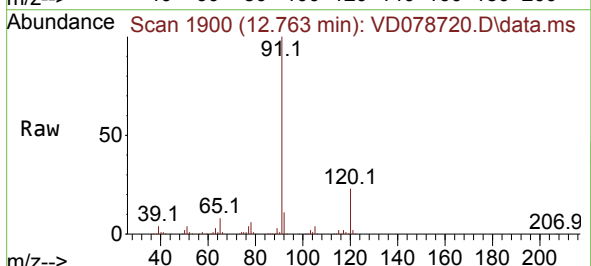
Acq: 21 Mar 2024 10:10

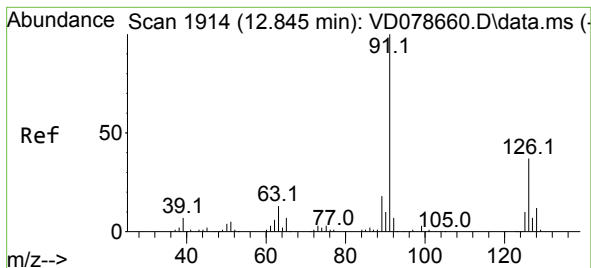
Tgt Ion: 91 Resp: 499460

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.1





#79

2-Chlorotoluene

Concen: 55.204 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

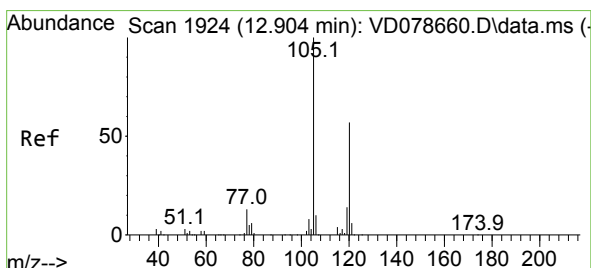
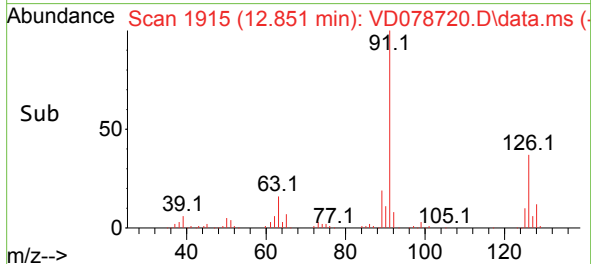
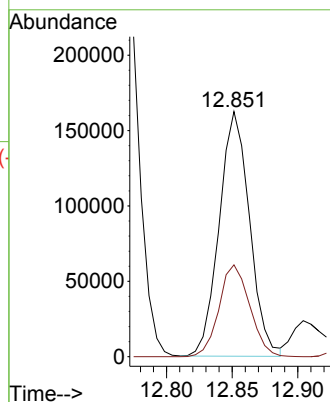
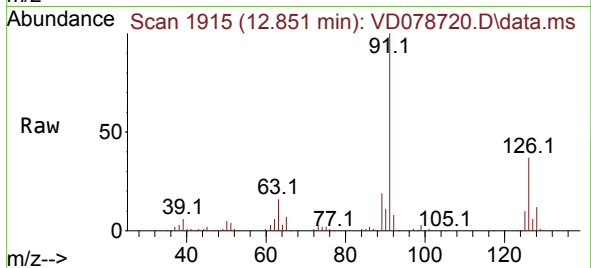
ClientSampleId :

Tgt Ion: 91 Resp: 262098

Ion Ratio Lower Upper

91 100

126 37.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 57.322 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078720.D

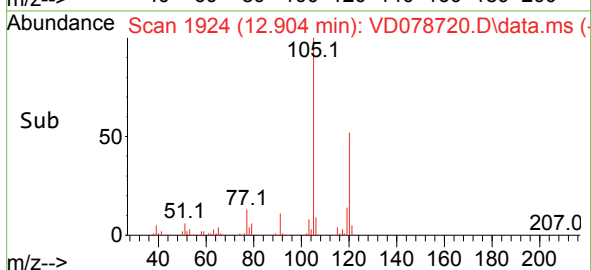
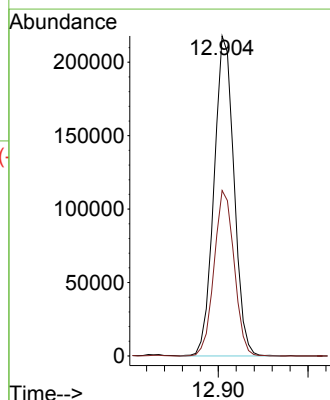
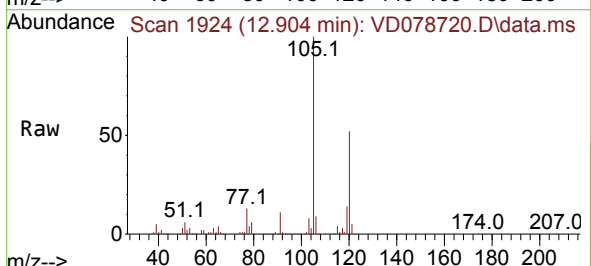
Acq: 21 Mar 2024 10:10

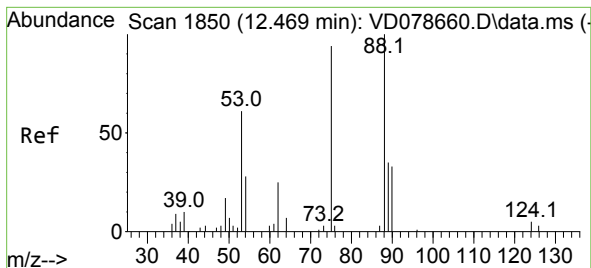
Tgt Ion:105 Resp: 337030

Ion Ratio Lower Upper

105 100

120 51.9 25.9 77.7

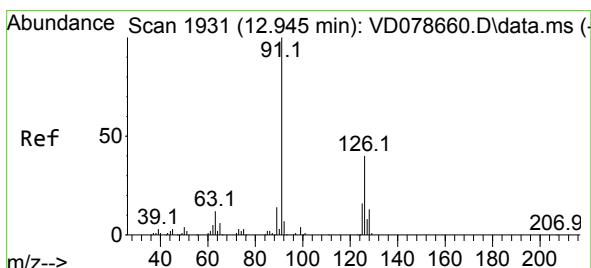
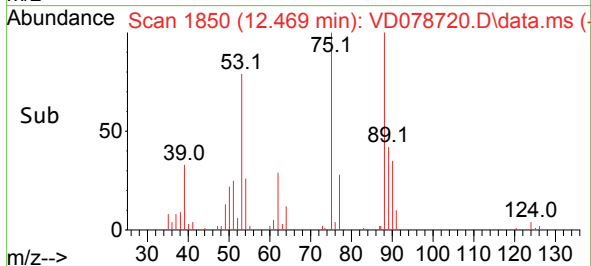
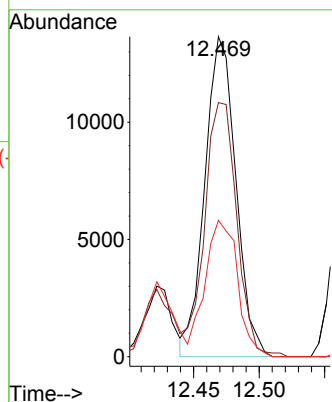
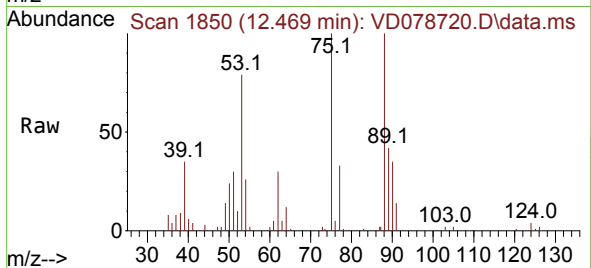




#81
trans-1,4-Dichloro-2-butene
Concen: 56.625 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

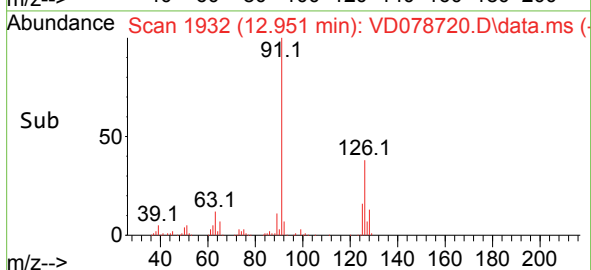
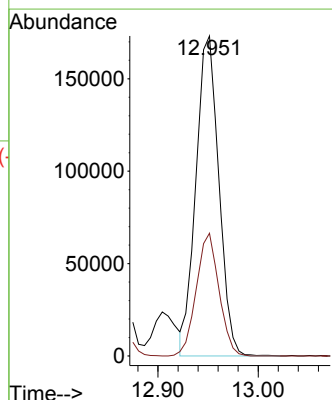
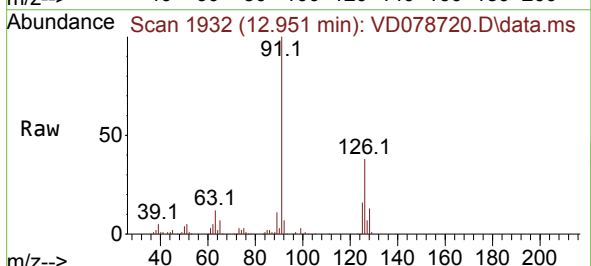
Instrument :
MSVOA_D
ClientSampleId :

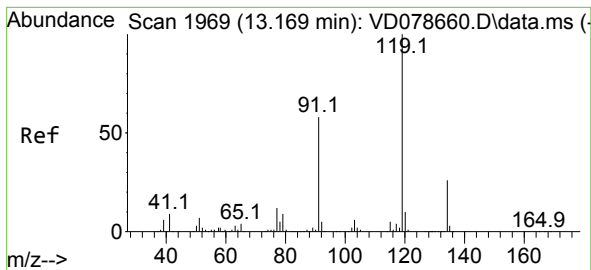
Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.5	61.0	91.6
89	44.5	35.4	53.0



#82
4-Chlorotoluene
Concen: 54.870 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.0	18.9	56.5





#83

tert-Butylbenzene

Concen: 57.698 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

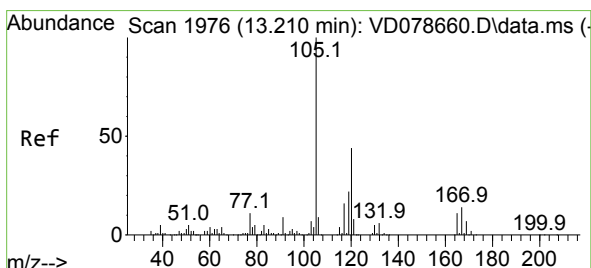
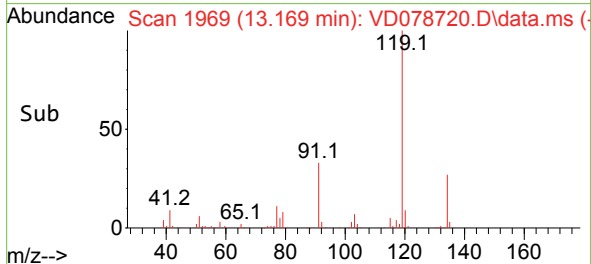
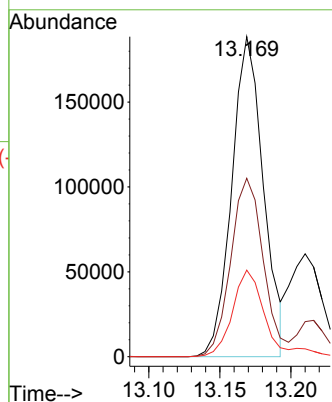
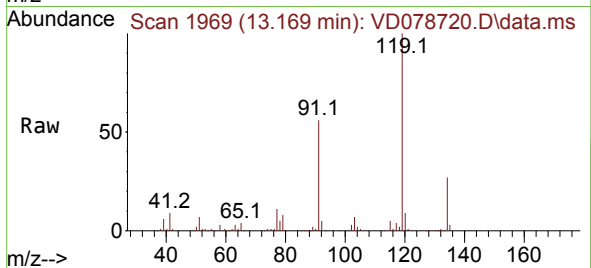
Tgt Ion:119 Resp: 292513

Ion Ratio Lower Upper

119 100

91 57.6 28.9 86.7

134 28.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 58.816 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078720.D

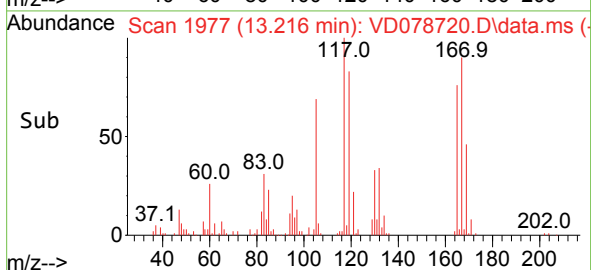
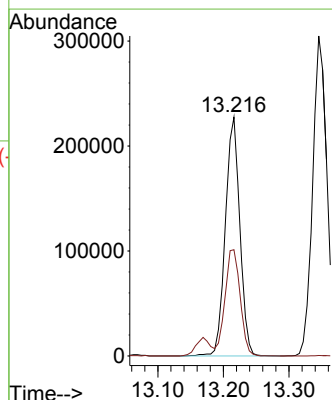
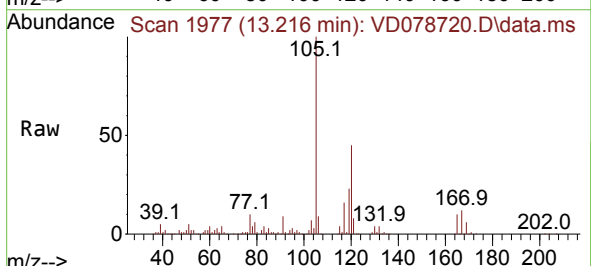
Acq: 21 Mar 2024 10:10

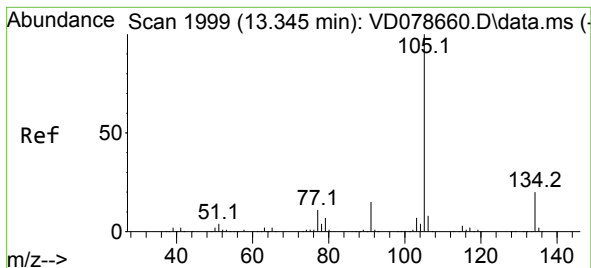
Tgt Ion:105 Resp: 348499

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 59.996 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

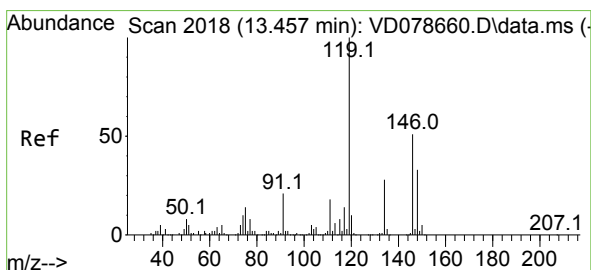
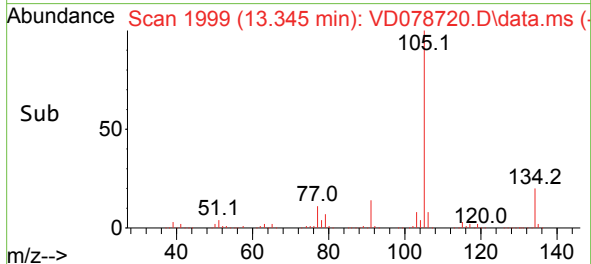
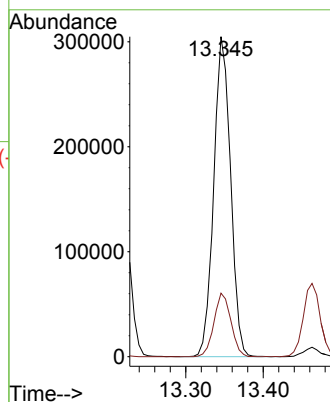
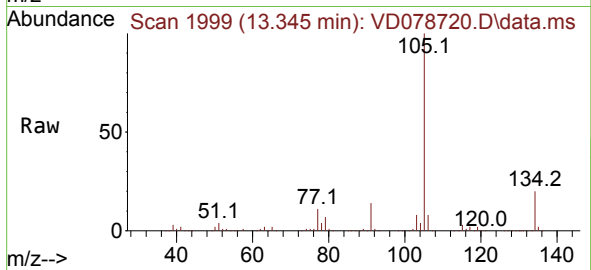
ClientSampleId :

Tgt Ion:105 Resp: 460295

Ion Ratio Lower Upper

105 100

134 19.9 10.4 31.2



#86

p-Isopropyltoluene

Concen: 59.792 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

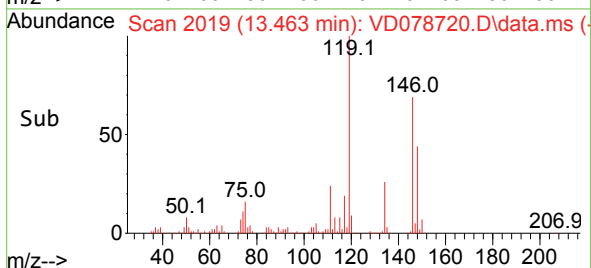
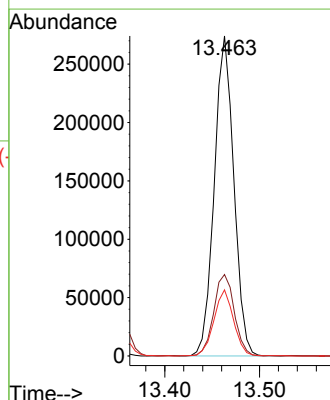
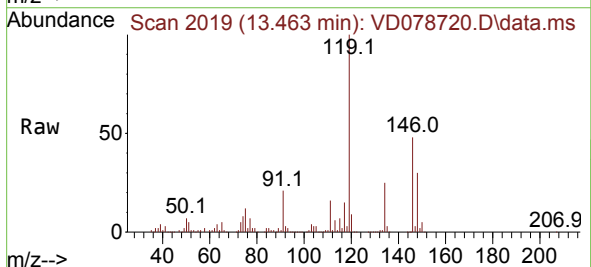
Tgt Ion:119 Resp: 392705

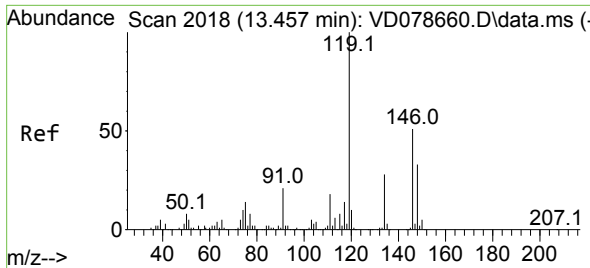
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 20.9 10.4 31.2

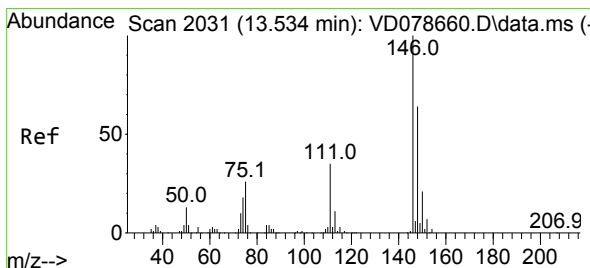
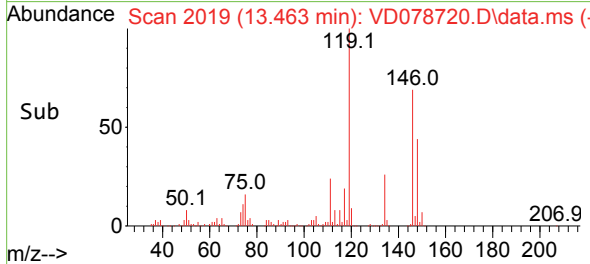
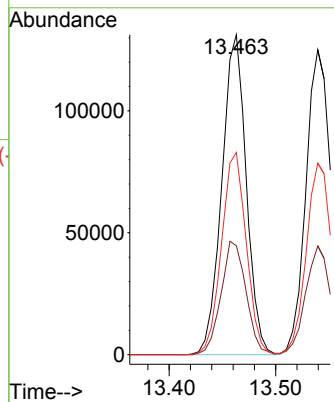
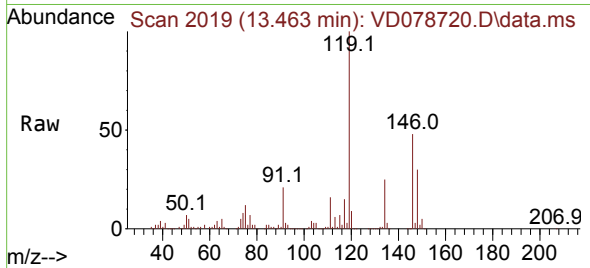




#87
1,3-Dichlorobenzene
Concen: 56.136 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

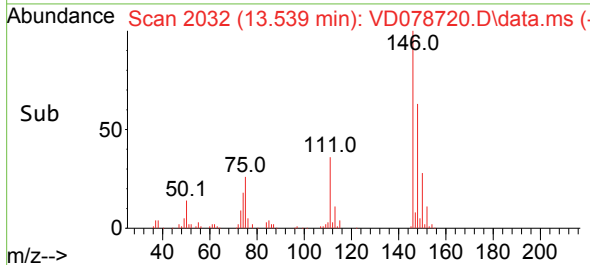
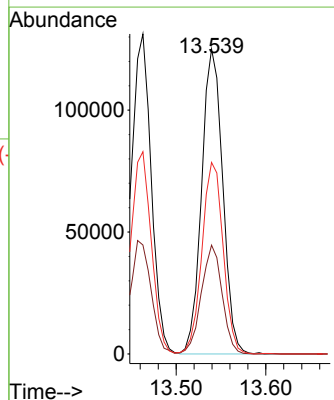
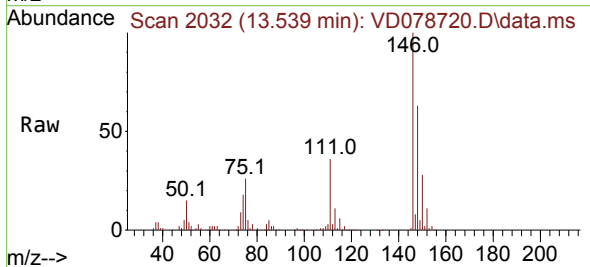
Instrument :
MSVOA_D
ClientSampleId :

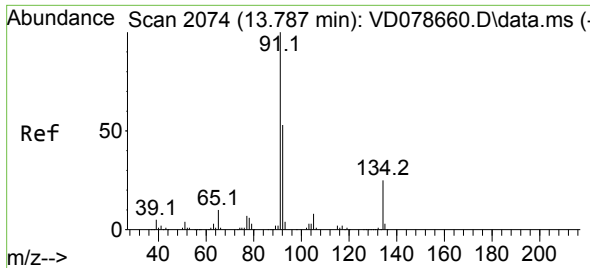
Tgt Ion:146 Resp: 208880
Ion Ratio Lower Upper
146 100
111 36.2 18.2 54.6
148 64.0 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 55.671 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion:146 Resp: 204151
Ion Ratio Lower Upper
146 100
111 35.2 17.8 53.3
148 63.2 32.4 97.0

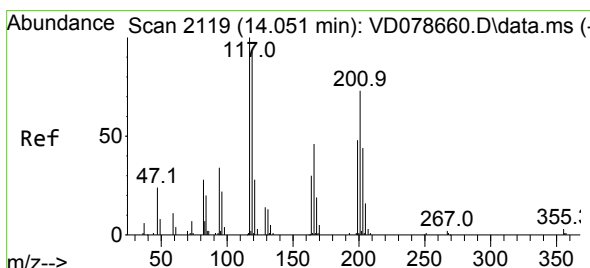
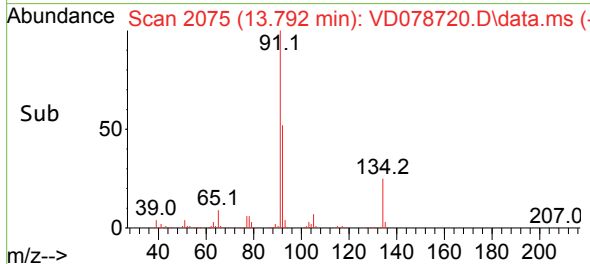
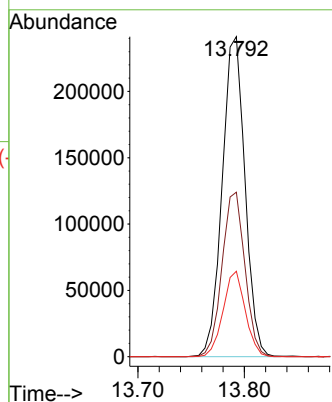
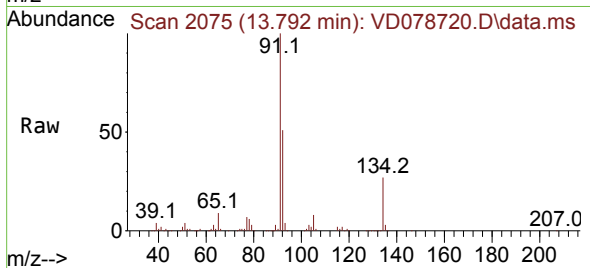




#89
n-Butylbenzene
Concen: 60.434 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

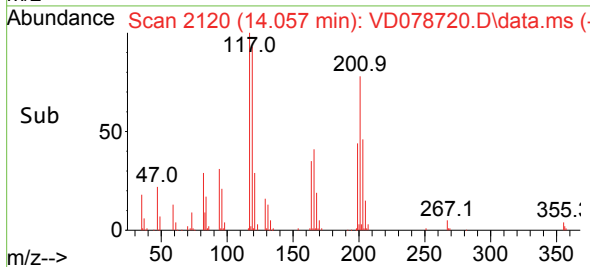
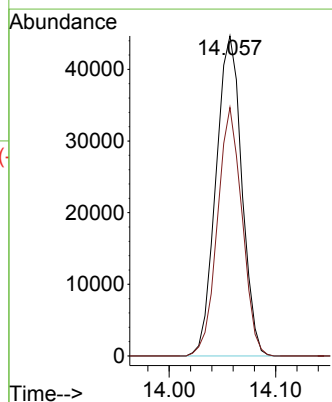
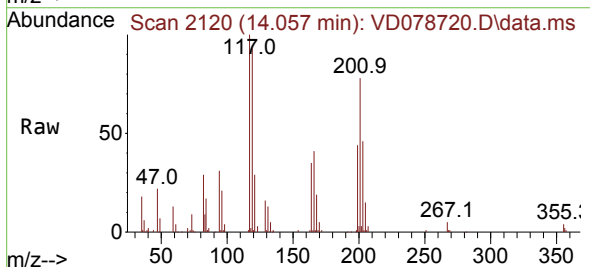
Instrument :
MSVOA_D
ClientSampleId :

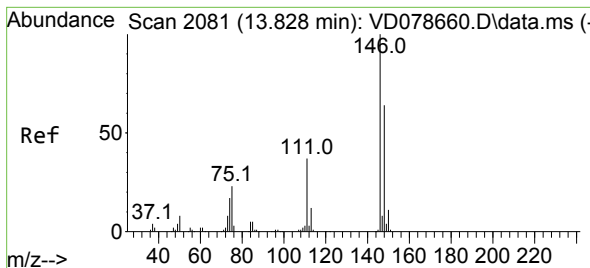
Tgt Ion: 91 Resp: 358468
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 55.344 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078720.D
Acq: 21 Mar 2024 10:10

Tgt Ion: 117 Resp: 75213
Ion Ratio Lower Upper
117 100
201 73.9 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 55.291 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

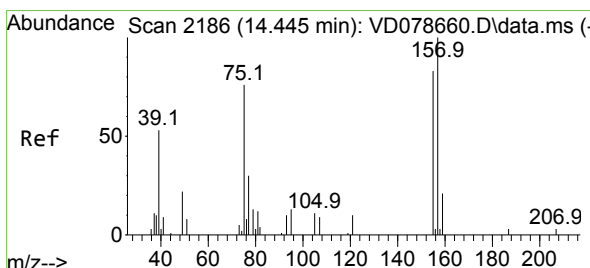
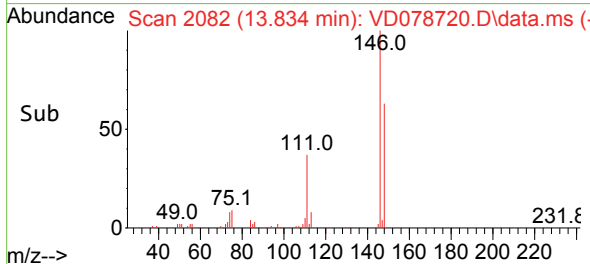
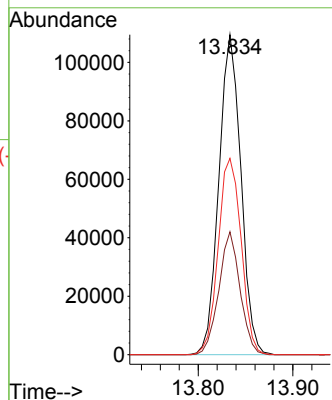
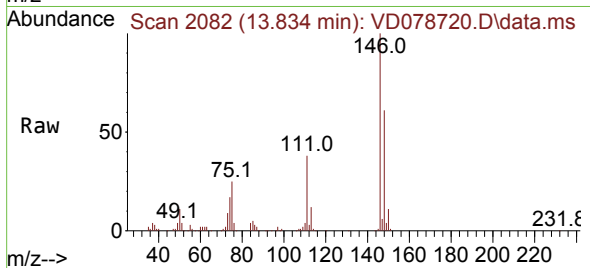
Tgt Ion:146 Resp: 177193

Ion Ratio Lower Upper

146 100

111 37.1 18.6 56.0

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.943 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

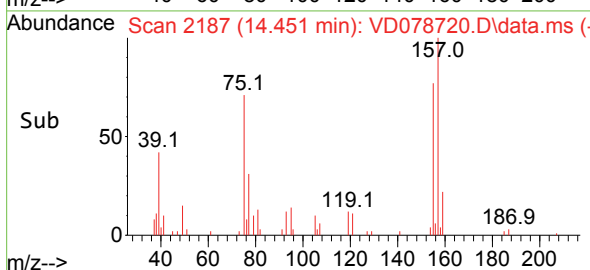
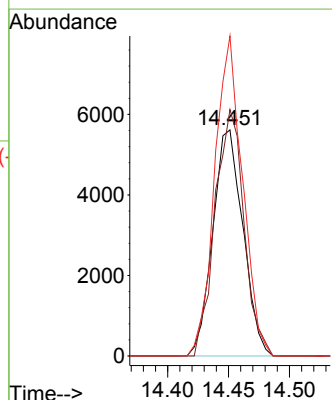
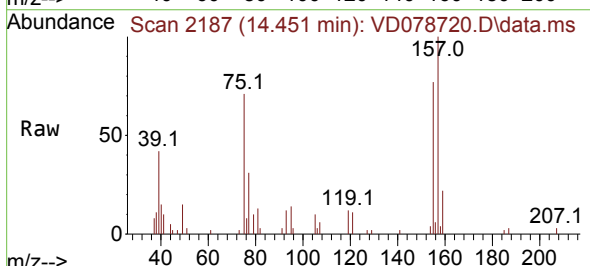
Tgt Ion: 75 Resp: 9674

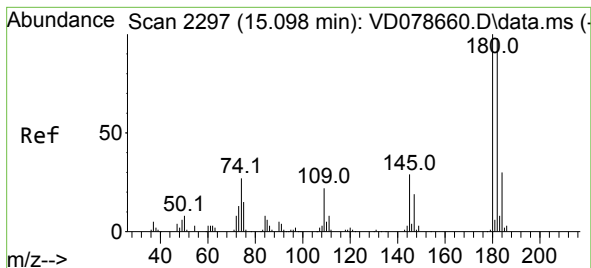
Ion Ratio Lower Upper

75 100

155 104.8 49.8 149.3

157 130.3 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 56.871 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

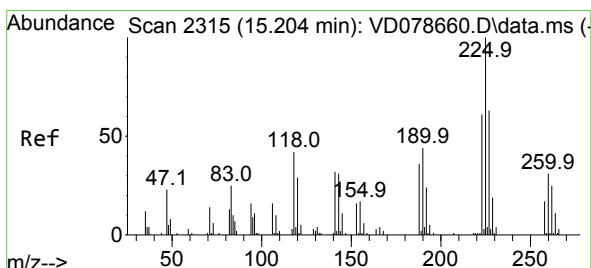
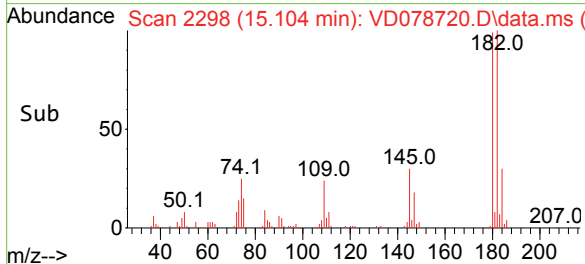
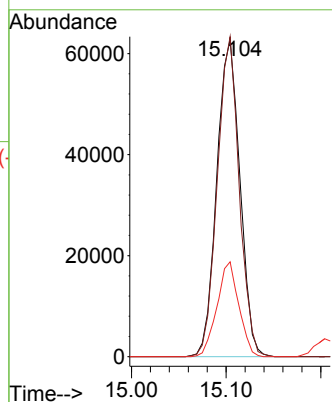
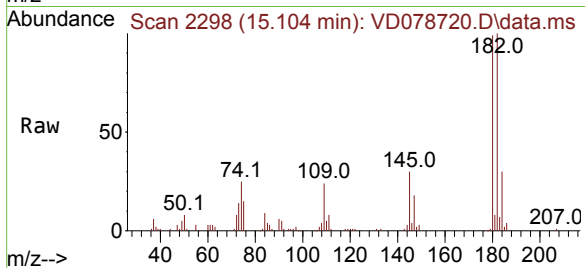
Tgt Ion:180 Resp: 106365

Ion Ratio Lower Upper

180 100

182 95.6 49.7 149.1

145 28.3 14.6 44.0



#94

Hexachlorobutadiene

Concen: 58.154 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

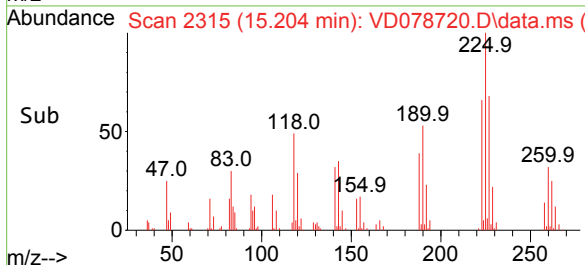
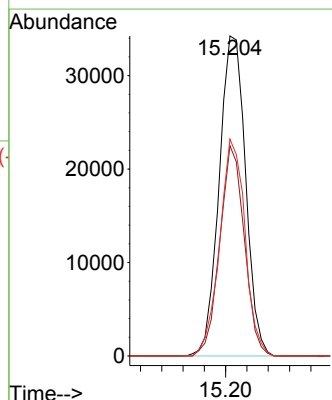
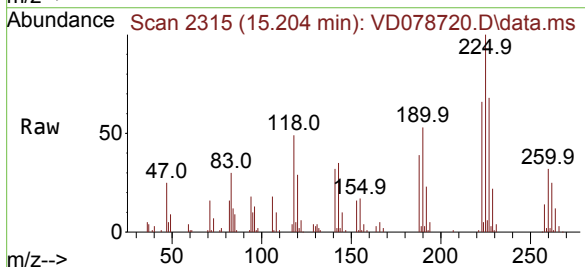
Tgt Ion:225 Resp: 58884

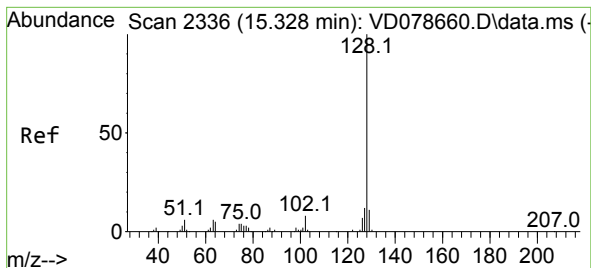
Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.7

227 65.0 32.0 96.0





#95

Naphthalene

Concen: 58.331 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Instrument :

MSVOA_D

ClientSampleId :

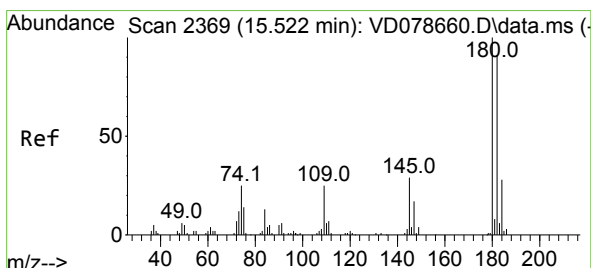
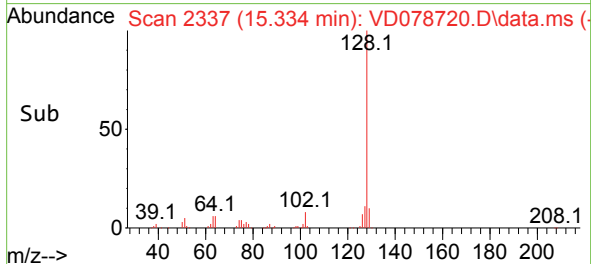
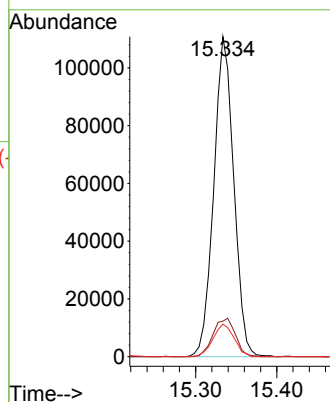
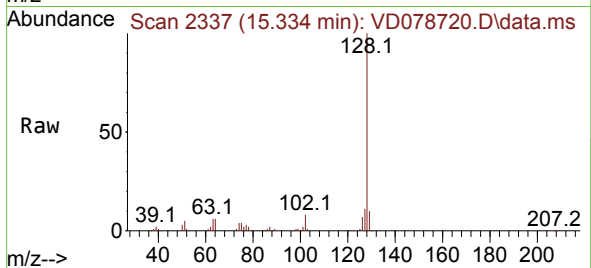
Tgt Ion:128 Resp: 189678

Ion Ratio Lower Upper

128 100

127 11.1 9.3 13.9

129 10.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 57.262 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078720.D

Acq: 21 Mar 2024 10:10

Tgt Ion:180 Resp: 92652

Ion Ratio Lower Upper

180 100

182 97.8 46.7 140.1

145 31.6 14.4 43.4

