

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078820.D
 Acq On : 16 Apr 2024 13:37
 Operator : RP/MD
 Sample : VD0416SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:32:42 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	7.875	168	143161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	225176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	74893	55.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.64%
35) Dibromofluoromethane	7.810	113	82015	52.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.74%
50) Toluene-d8	10.269	98	308918	54.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.30%
62) 4-Bromofluorobenzene	12.569	95	89735	53.76	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.52%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	27412	20.57	ug/l	99
3) Chloromethane	2.152	50	42485	20.19	ug/l	97
4) Vinyl Chloride	2.287	62	59542	19.19	ug/l	91
5) Bromomethane	2.687	94	58577	19.71	ug/l	96
6) Chloroethane	2.834	64	53484	22.10	ug/l	94
7) Trichlorofluoromethane	3.169	101	53748	21.89	ug/l	92
8) Diethyl Ether	3.598	74	15381	21.46	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.963	101	31471	20.42	ug/l	98
10) Methyl Iodide	4.163	142	33767	18.53	ug/l	98
11) Tert butyl alcohol	5.057	59	7686	128.01	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	31685	21.63	ug/l	85
13) Acrolein	3.793	56	14838	157.76	ug/l	100
14) Allyl chloride	4.557	41	34212	20.93	ug/l	98
15) Acrylonitrile	5.257	53	31916	110.45	ug/l	93
16) Acetone	4.022	43	25434	98.03	ug/l	92
17) Carbon Disulfide	4.269	76	105936	22.06	ug/l	98
18) Methyl Acetate	4.563	43	12116	21.76	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	65345	22.12	ug/l	96
20) Methylene Chloride	4.793	84	39460	19.32	ug/l	97
21) trans-1,2-Dichloroethene	5.304	96	35009	20.26	ug/l	93
22) Diisopropyl ether	6.210	45	81329	21.89	ug/l #	94
23) Vinyl Acetate	6.151	43	244851	112.65	ug/l	100
24) 1,1-Dichloroethane	6.116	63	59333	21.30	ug/l	96
25) 2-Butanone	7.081	43	36887	106.94	ug/l	94
26) 2,2-Dichloropropane	7.075	77	47374	20.10	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	39484	20.03	ug/l	93
28) Bromochloromethane	7.428	49	20515	20.65	ug/l	90
29) Tetrahydrofuran	7.445	42	21122	112.59	ug/l	99
30) Chloroform	7.598	83	61790	19.89	ug/l	99
31) Cyclohexane	7.881	56	48057	21.31	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	52482	19.91	ug/l	97
36) 1,1-Dichloropropene	8.010	75	43948	19.52	ug/l	99
37) Ethyl Acetate	7.175	43	16330	22.21	ug/l	98
38) Carbon Tetrachloride	7.986	117	45311	19.09	ug/l	96
39) Methylcyclohexane	9.275	83	52052	19.93	ug/l	98
40) Benzene	8.251	78	142440	20.93	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	7118	18.47	ug/l #	78
42) 1,2-Dichloroethane	8.328	62	33288	20.06	ug/l	97
43) Isopropyl Acetate	8.357	43	28948	21.65	ug/l	94
44) Trichloroethene	9.028	130	34153	18.50	ug/l	93
45) 1,2-Dichloropropane	9.310	63	31741	19.67	ug/l	92
46) Dibromomethane	9.392	93	20217	20.90	ug/l	93
47) Bromodichloromethane	9.586	83	46787	20.31	ug/l	96
48) Methyl methacrylate	9.381	41	13515	20.74	ug/l	98
49) 1,4-Dioxane	9.392	88	3540	395.16	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	77909	111.44	ug/l	98
52) Toluene	10.333	92	86814	19.82	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	40478	19.22	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	50277	19.86	ug/l	95
55) 1,1,2-Trichloroethane	10.733	97	25649	19.80	ug/l	96
56) Ethyl methacrylate	10.598	69	26039	20.05	ug/l	94
57) 1,3-Dichloropropane	10.880	76	41457	19.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	58963	102.95	ug/l	96
59) 2-Hexanone	10.922	43	56995	109.97	ug/l	97
60) Dibromochloromethane	11.075	129	32317	20.23	ug/l	100
61) 1,2-Dibromoethane	11.175	107	24330	19.40	ug/l	98
64) Tetrachloroethene	10.810	164	27211	18.26	ug/l	89
65) Chlorobenzene	11.604	112	95617	20.32	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.680	131	31683	18.39	ug/l	99
67) Ethyl Benzene	11.686	91	152527	19.02	ug/l	95
68) m/p-Xylenes	11.792	106	126161	38.75	ug/l	99
69) o-Xylene	12.122	106	56334	18.70	ug/l	98
70) Styrene	12.133	104	100580	19.89	ug/l	99
71) Bromoform	12.298	173	18765	20.15	ug/l #	89
73) Isopropylbenzene	12.422	105	141429	19.37	ug/l	99
74) N-amyl acetate	12.233	43	27913	23.55	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.674	83	28468	21.06	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	35273	41.29	ug/l #	100
77) Bromobenzene	12.698	156	35896	19.82	ug/l	93
78) n-propylbenzene	12.763	91	178619	20.10	ug/l	100
79) 2-Chlorotoluene	12.851	91	96959	19.89	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	120599	19.97	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9616	23.59	ug/l	93
82) 4-Chlorotoluene	12.945	91	104735	20.31	ug/l	99
83) tert-Butylbenzene	13.169	119	105038	20.18	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	122416	20.12	ug/l	99
85) sec-Butylbenzene	13.345	105	158244	20.09	ug/l	98
86) p-Isopropyltoluene	13.457	119	133696	19.82	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	74355	19.46	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	75831	20.14	ug/l	98
89) n-Butylbenzene	13.786	91	123457	20.27	ug/l	98
90) Hexachloroethane	14.051	117	27945	20.02	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	66455	20.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3880	21.46	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	36689	19.10	ug/l	95
94) Hexachlorobutadiene	15.204	225	19162	18.43	ug/l	95
95) Naphthalene	15.333	128	65311	19.56	ug/l	96
96) 1,2,3-Trichlorobenzene	15.515	180	33161	19.96	ug/l	99

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Apr 16 22:32:42 2024
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

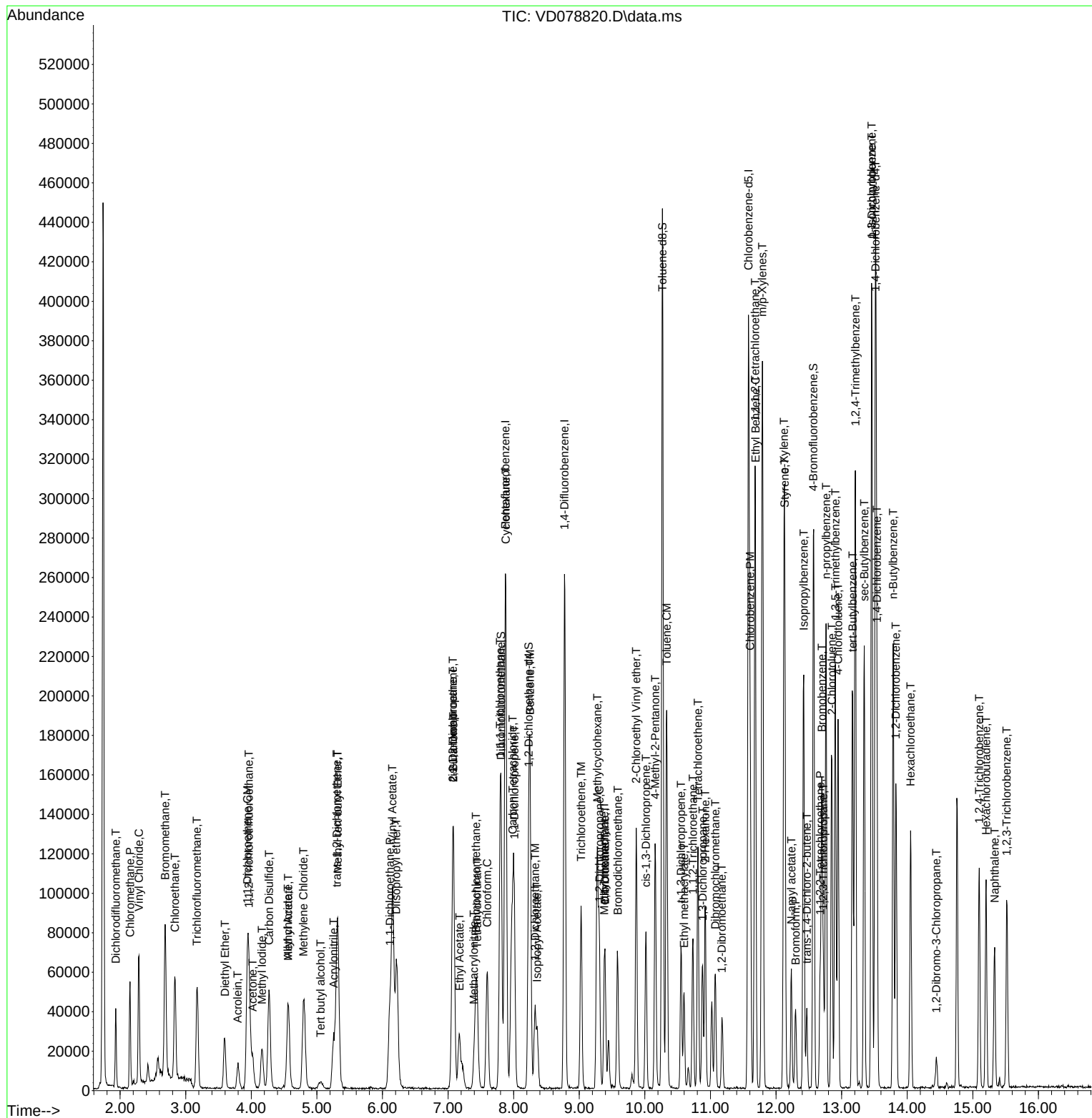
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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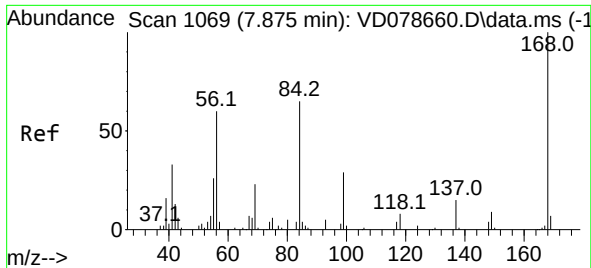
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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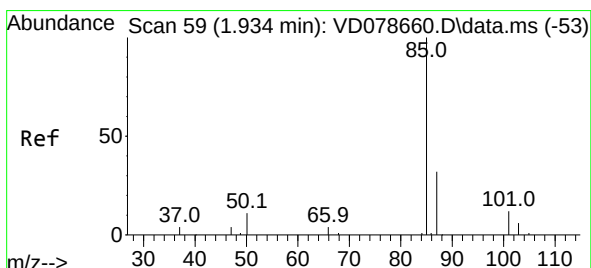
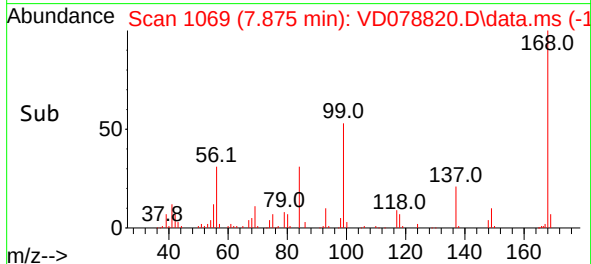
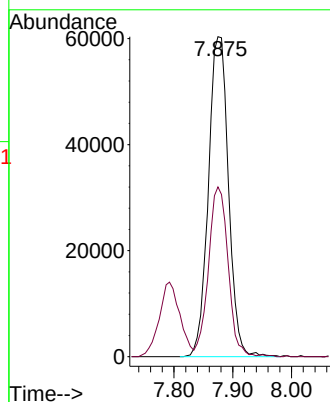
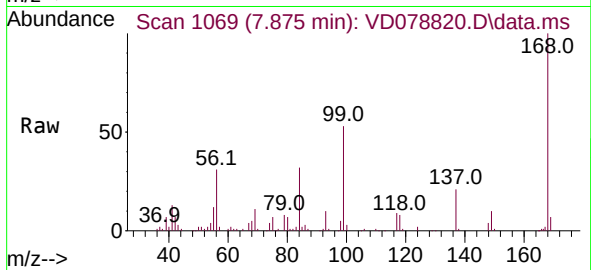




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078820.D
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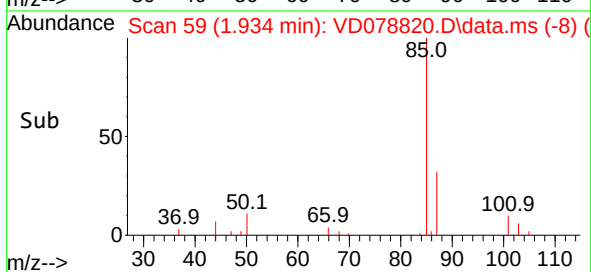
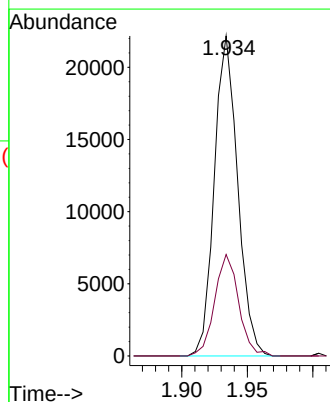
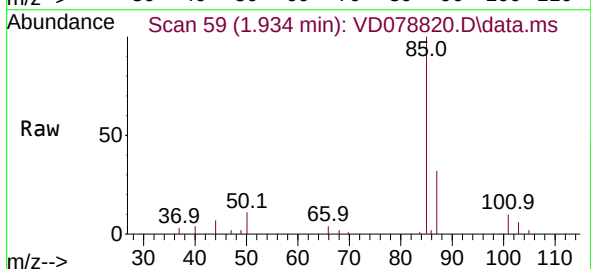
Instrument :
MSVOA_D
ClientSampleId :

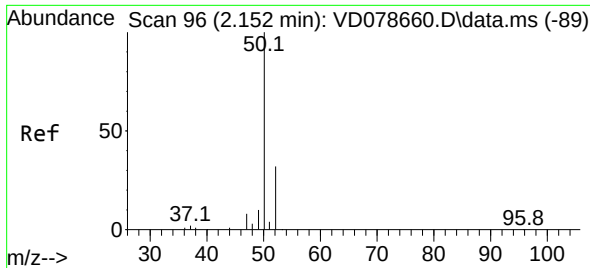
Tgt Ion:168 Resp: 143161
Ion Ratio Lower Upper
168 100
99 53.1 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 20.57 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 85 Resp: 27412
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.5

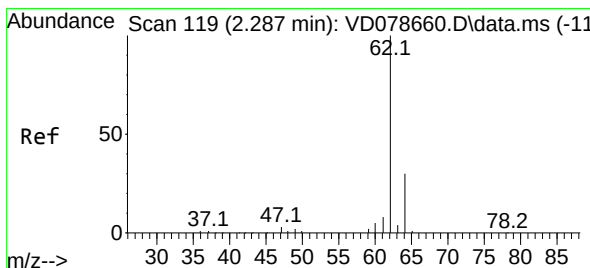
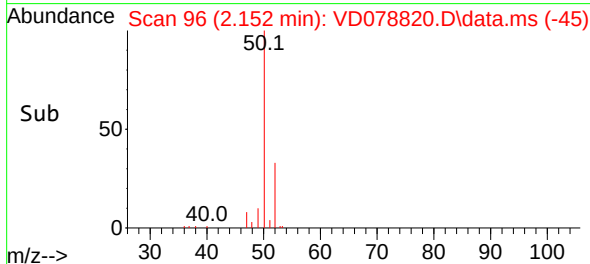
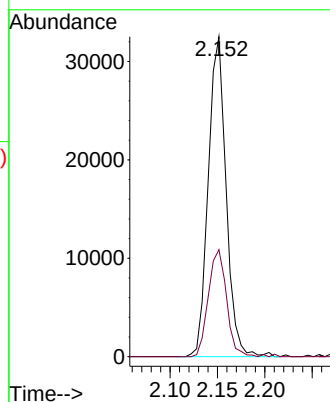
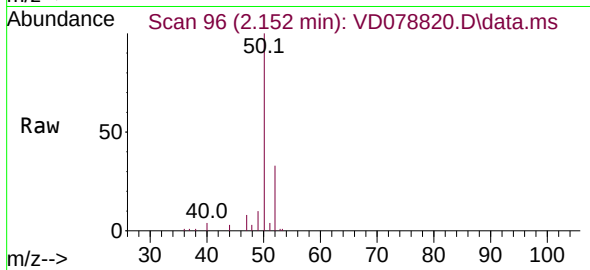




#3
Chloromethane
Concen: 20.19 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

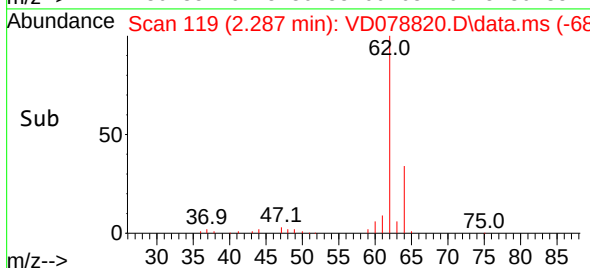
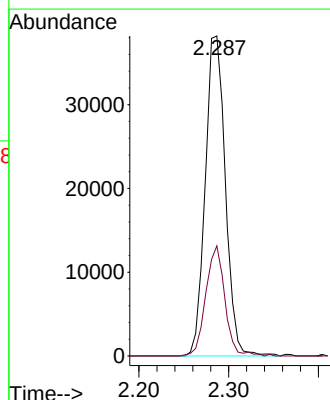
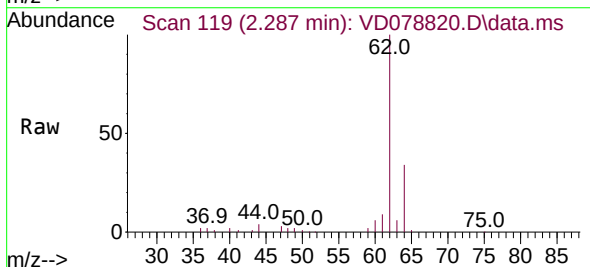
Instrument :
MSVOA_D
ClientSampleId :

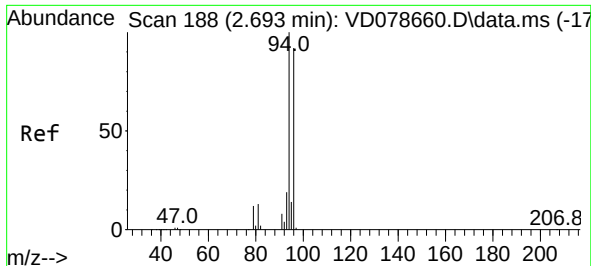
Tgt Ion: 50 Resp: 42485
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 19.19 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

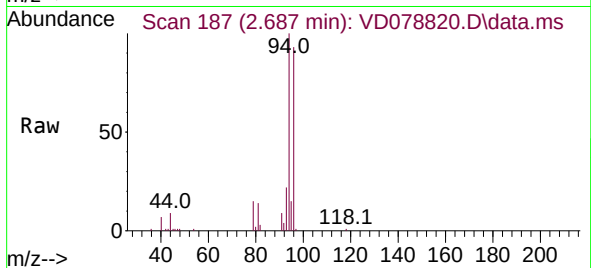
Tgt Ion: 62 Resp: 59542
Ion Ratio Lower Upper
62 100
64 34.4 23.7 35.5



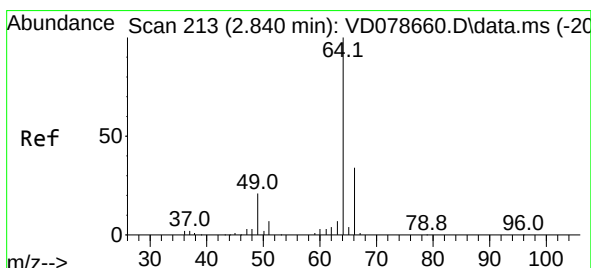
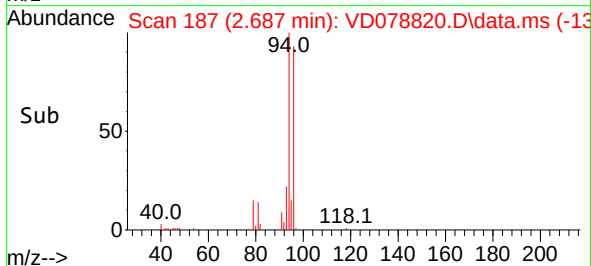
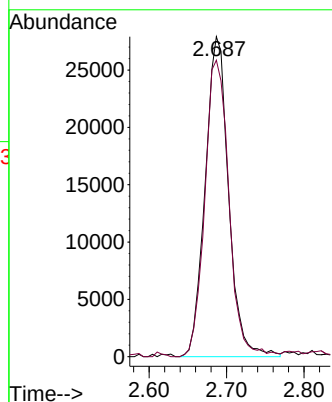


#5
Bromomethane
Concen: 19.71 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

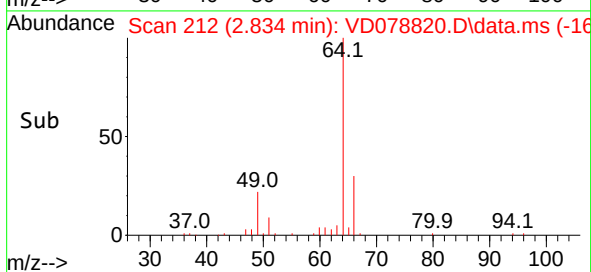
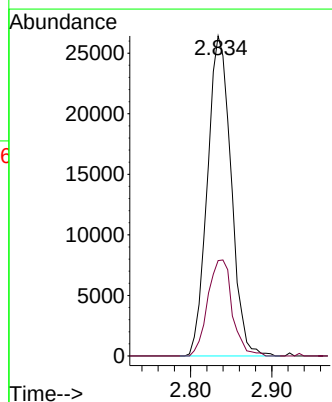
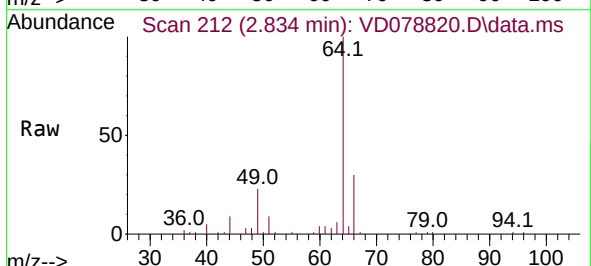


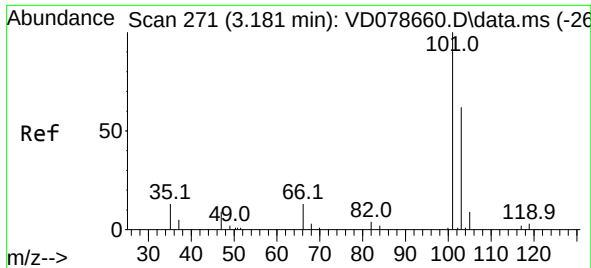
Tgt Ion: 94 Resp: 58577
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3



#6
Chloroethane
Concen: 22.10 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

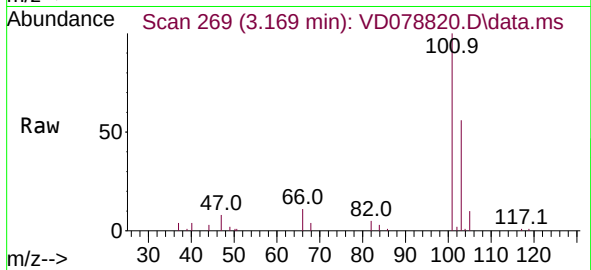
Tgt Ion: 64 Resp: 53484
Ion Ratio Lower Upper
64 100
66 29.8 26.8 40.2



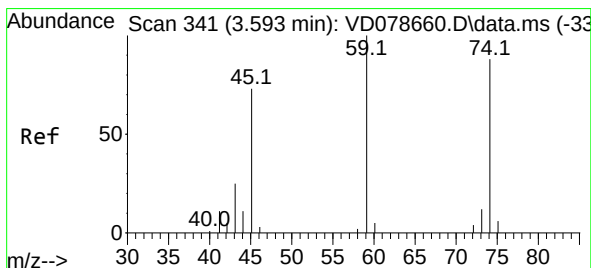
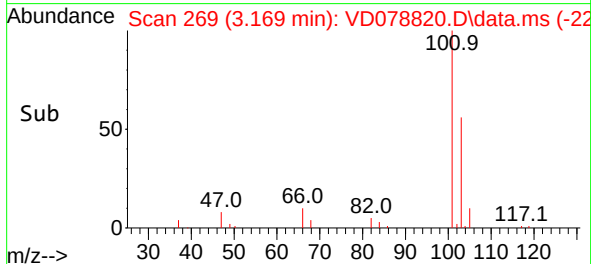
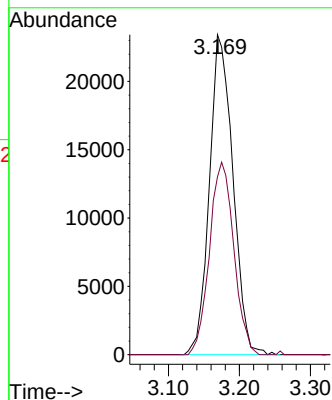


#7
Trichlorofluoromethane
Concen: 21.89 ug/l
RT: 3.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

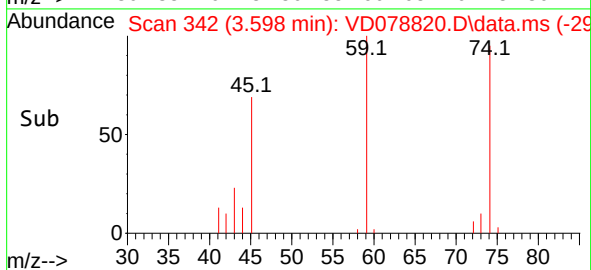
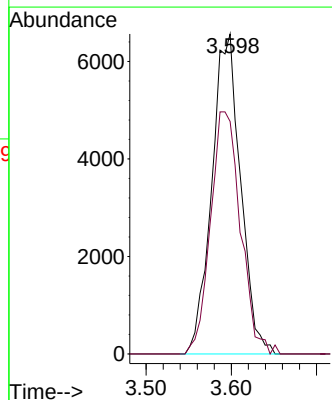
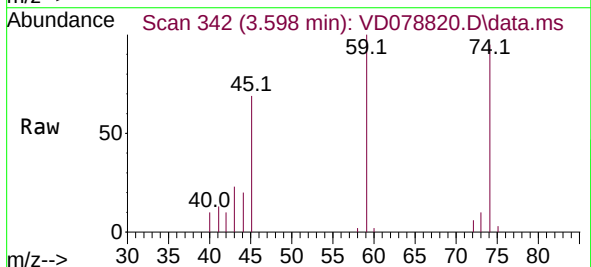


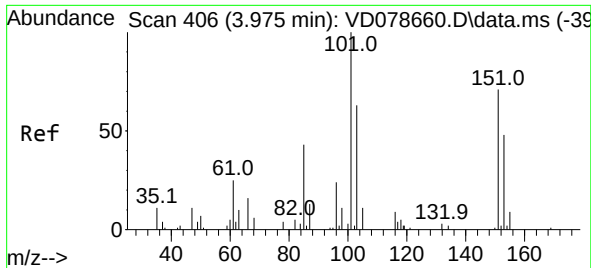
Tgt Ion:101 Resp: 53748
Ion Ratio Lower Upper
101 100
103 55.6 49.7 74.5



#8
Diethyl Ether
Concen: 21.46 ug/l
RT: 3.598 min Scan# 342
Delta R.T. 0.005 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 74 Resp: 15381
Ion Ratio Lower Upper
74 100
45 79.1 42.4 127.3

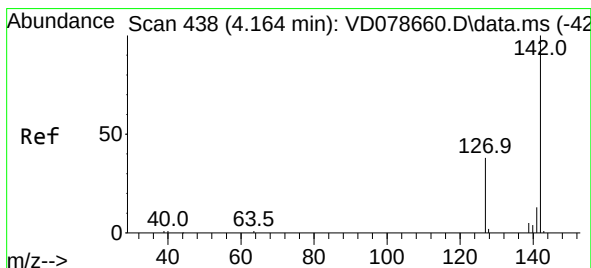
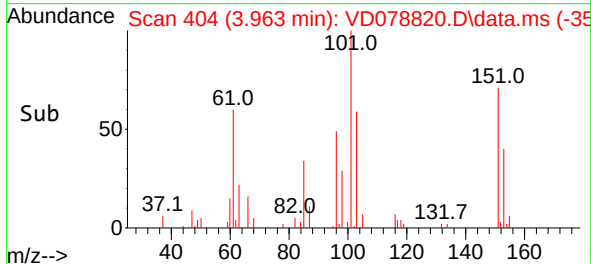
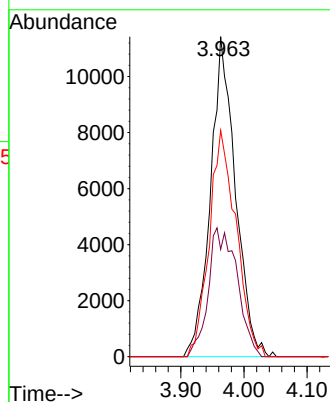
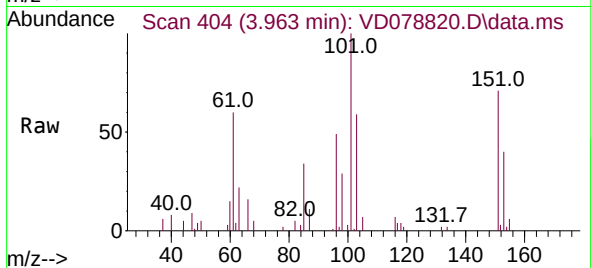




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.42 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

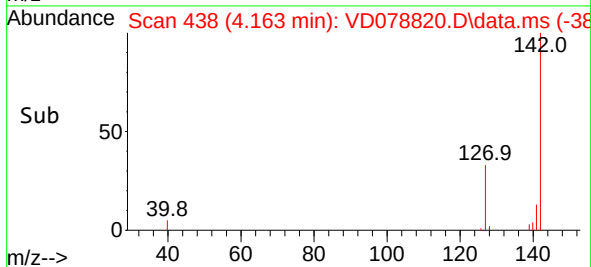
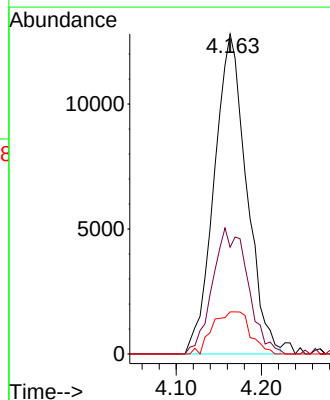
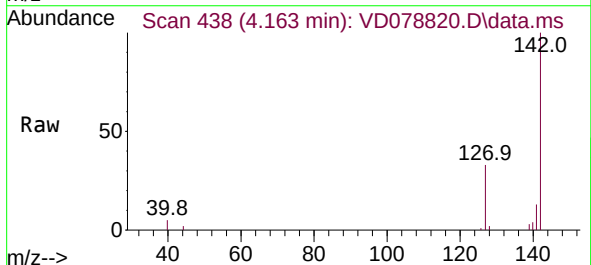
Instrument :
MSVOA_D
ClientSampleId :

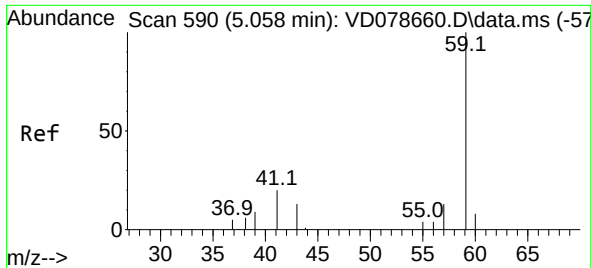
Tgt Ion:101 Resp: 31471
Ion Ratio Lower Upper
101 100
85 46.2 35.8 53.6
151 75.7 59.4 89.2



#10
Methyl Iodide
Concen: 18.53 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

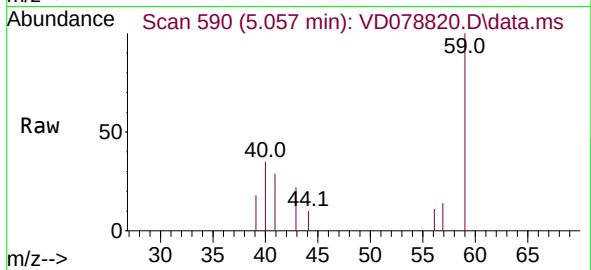
Tgt Ion:142 Resp: 33767
Ion Ratio Lower Upper
142 100
127 42.9 33.5 50.3
141 15.3 11.7 17.5



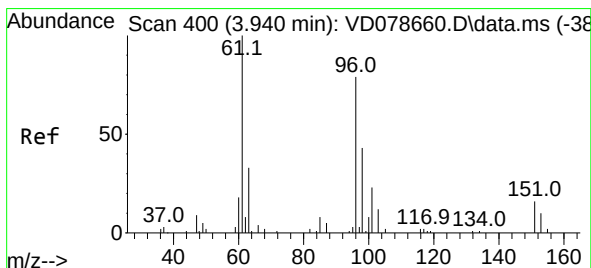
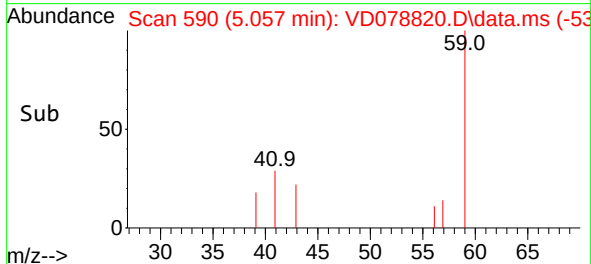
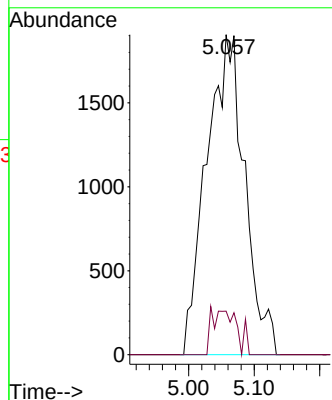


#11
Tert butyl alcohol
Concen: 128.01 ug/l
RT: 5.057 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

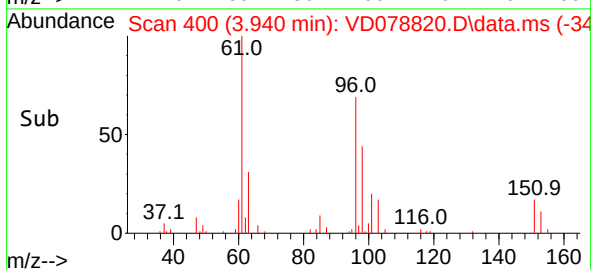
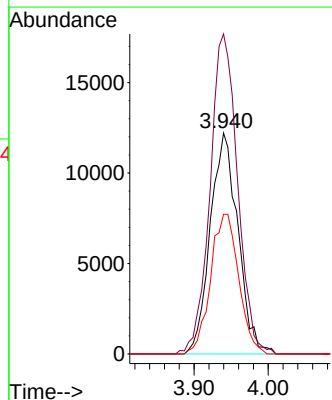
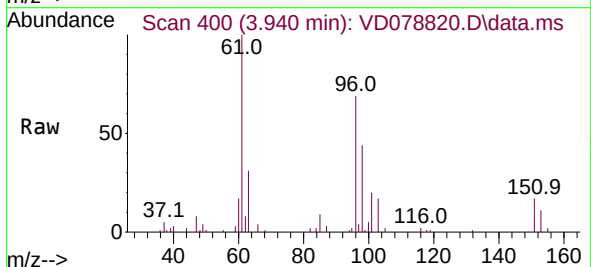


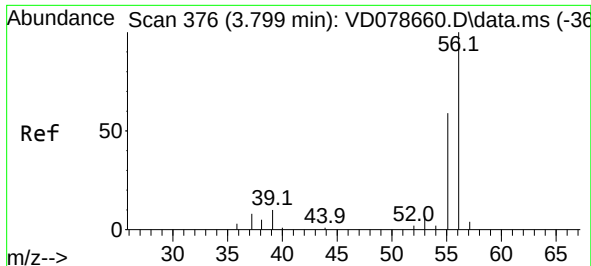
Tgt Ion: 59 Resp: 7686
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 21.63 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 96 Resp: 31685
Ion Ratio Lower Upper
96 100
61 144.8 101.4 152.0
98 63.2 43.4 65.0





#13

Acrolein

Concen: 157.76 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

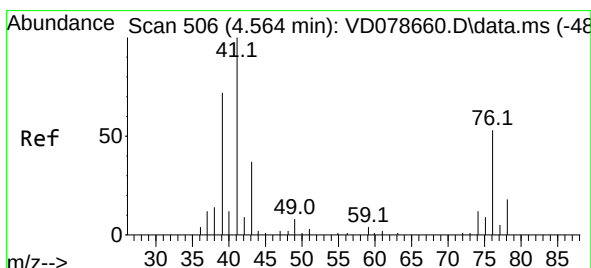
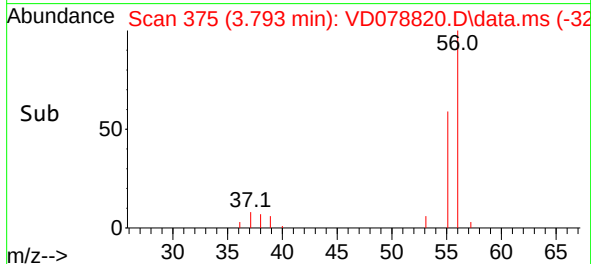
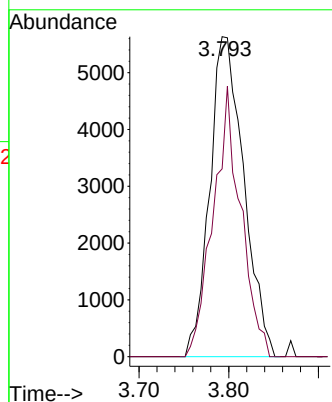
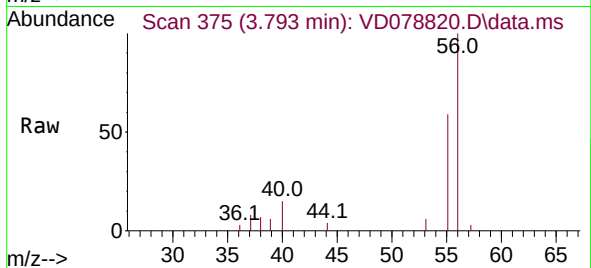
ClientSampleId :

Tgt Ion: 56 Resp: 14838

Ion Ratio Lower Upper

56 100

55 68.4 54.9 82.3



#14

Allyl chloride

Concen: 20.93 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

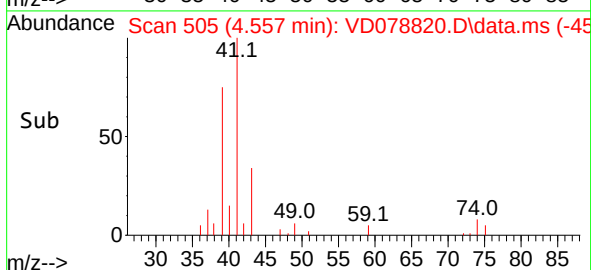
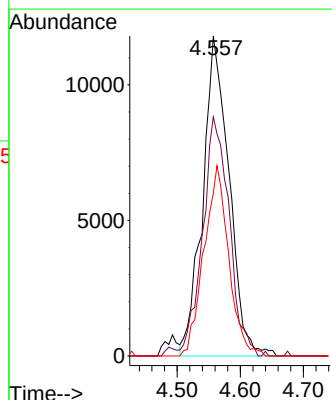
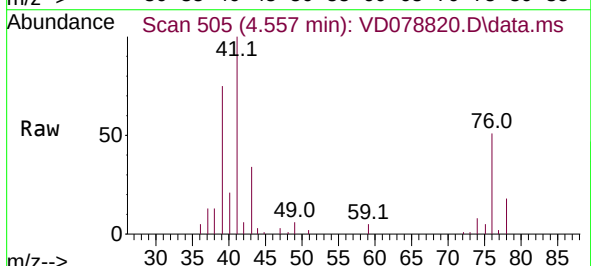
Tgt Ion: 41 Resp: 34212

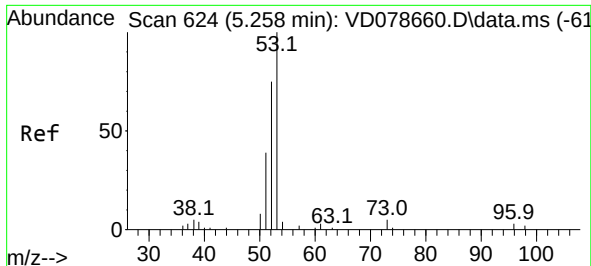
Ion Ratio Lower Upper

41 100

39 75.4 57.8 86.6

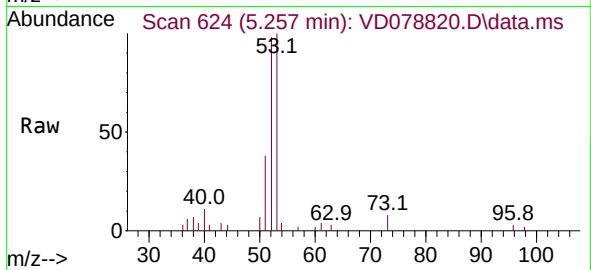
76 55.9 44.8 67.2



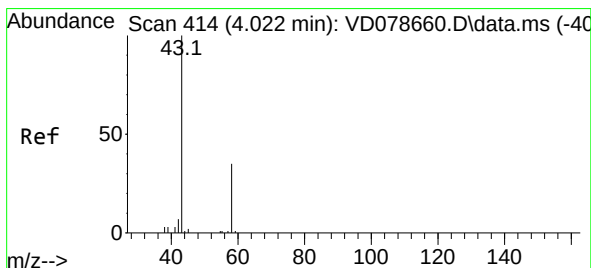
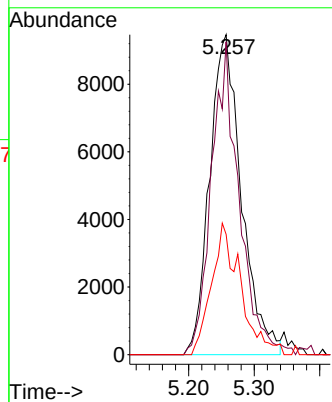
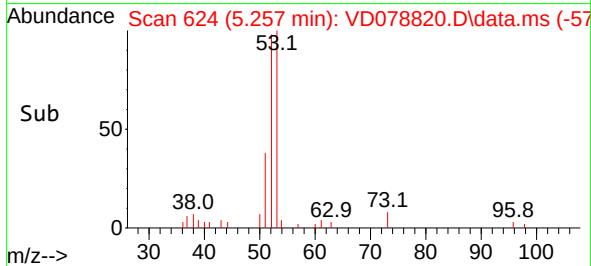


#15
Acrylonitrile
Concen: 110.45 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

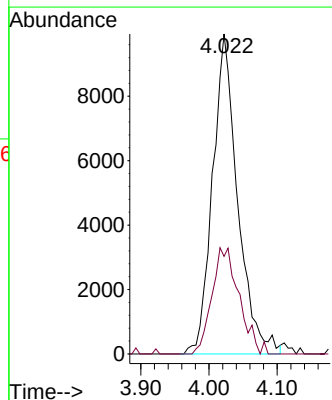
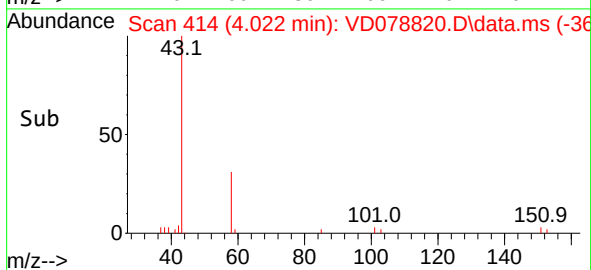
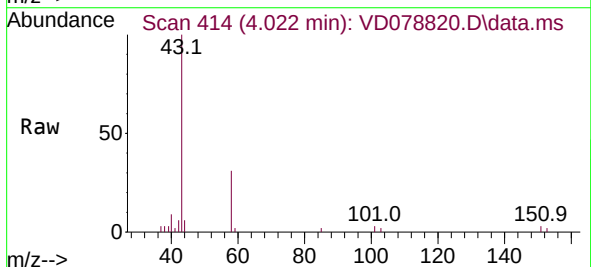


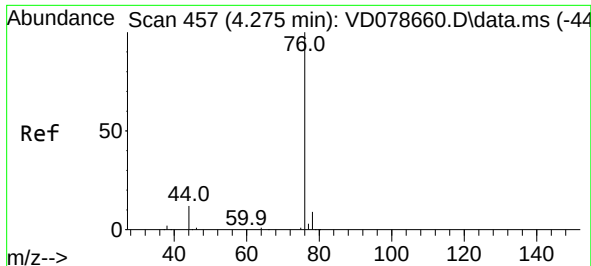
Tgt Ion:	53	Resp:	31916
Ion	Ratio	Lower	Upper
53	100		
52	84.8	61.9	92.9
51	37.5	29.0	43.4



#16
Acetone
Concen: 98.03 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion:	43	Resp:	25434
Ion	Ratio	Lower	Upper
43	100		
58	30.5	28.2	42.4





#17

Carbon Disulfide

Concen: 22.06 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

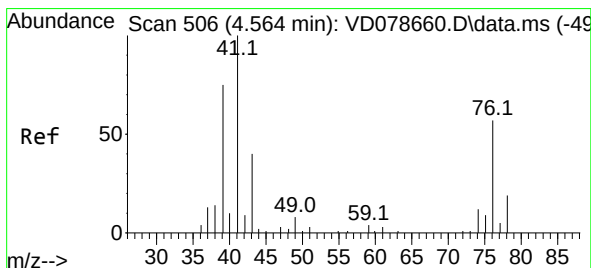
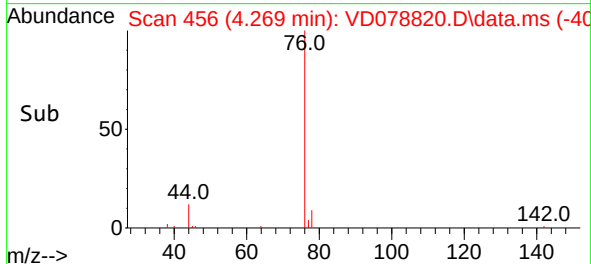
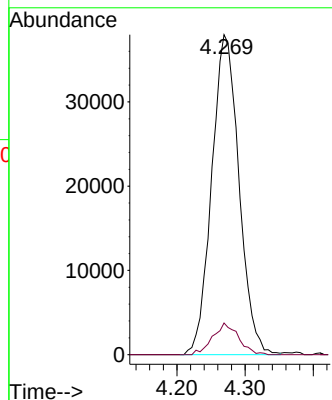
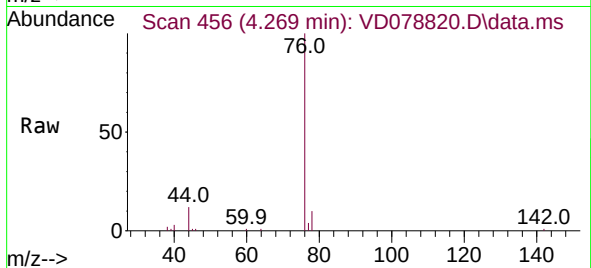
ClientSampleId :

Tgt Ion: 76 Resp: 105936

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9



#18

Methyl Acetate

Concen: 21.76 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD078820.D

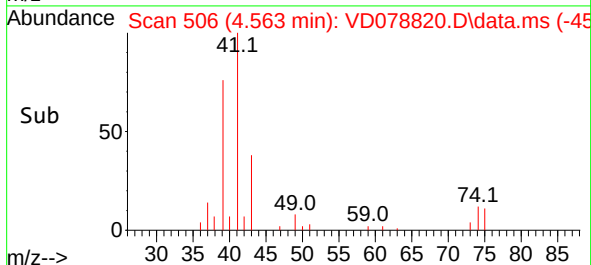
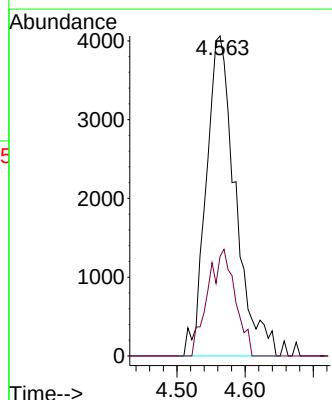
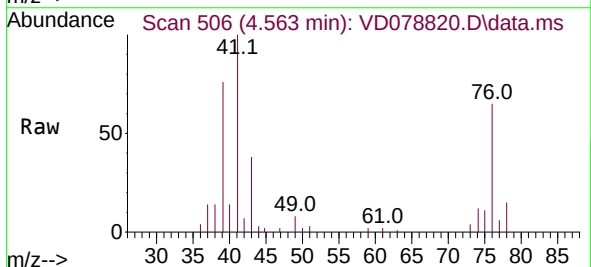
Acq: 16 Apr 2024 13:37

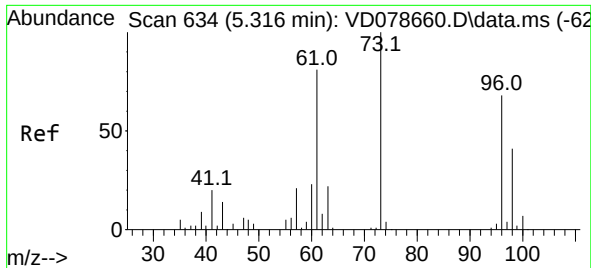
Tgt Ion: 43 Resp: 12116

Ion Ratio Lower Upper

43 100

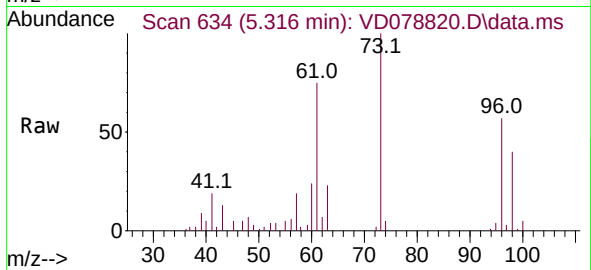
74 31.4 25.3 37.9



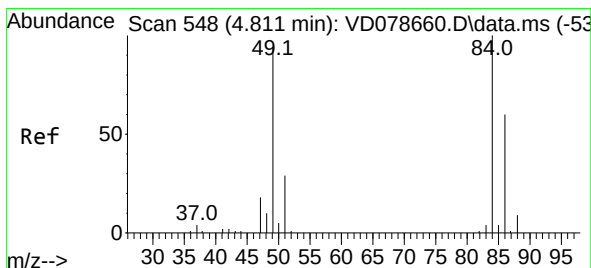
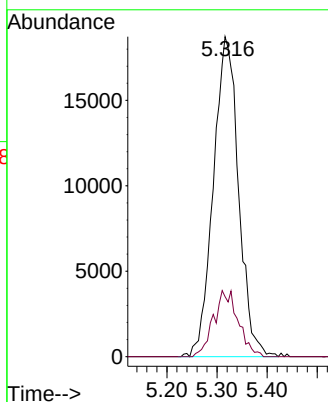
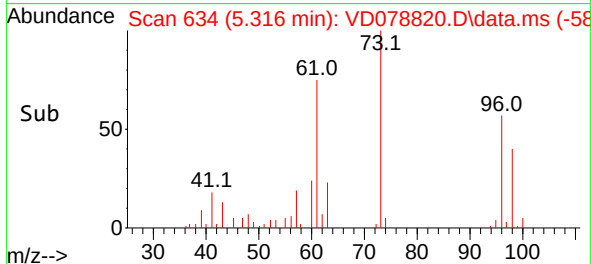


#19
Methyl tert-butyl Ether
Concen: 22.12 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

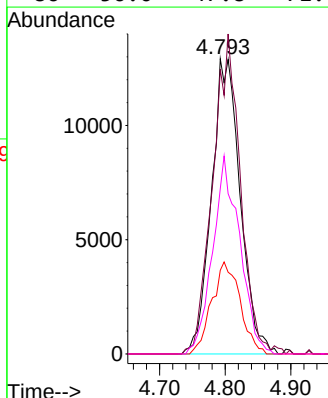
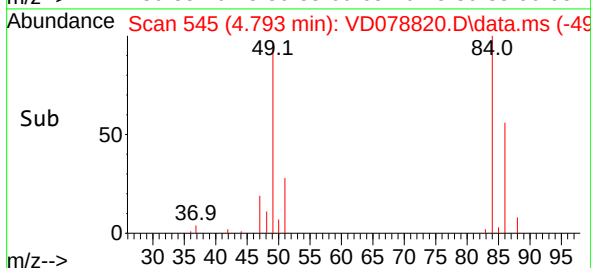
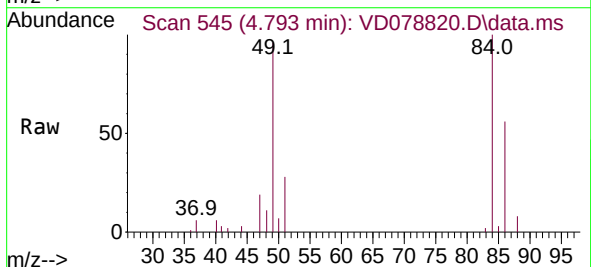


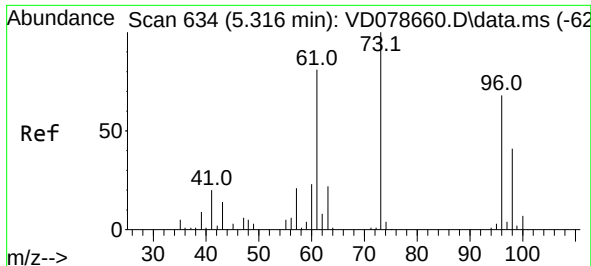
Tgt Ion: 73 Resp: 65345
Ion Ratio Lower Upper
73 100
57 18.8 16.4 24.6



#20
Methylene Chloride
Concen: 19.32 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.018 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 84 Resp: 39460
Ion Ratio Lower Upper
84 100
49 96.4 75.6 113.4
51 28.3 23.4 35.0
86 56.0 47.8 71.6





#21

trans-1,2-Dichloroethene

Concen: 20.26 ug/l

RT: 5.304 min Scan# 61

Delta R.T. -0.012 min

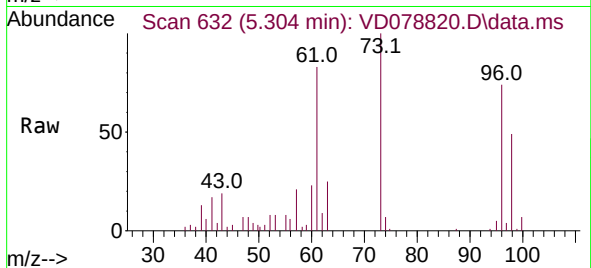
Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :



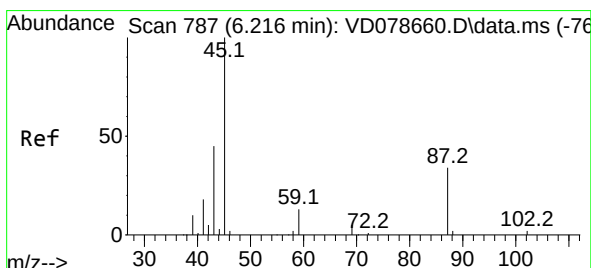
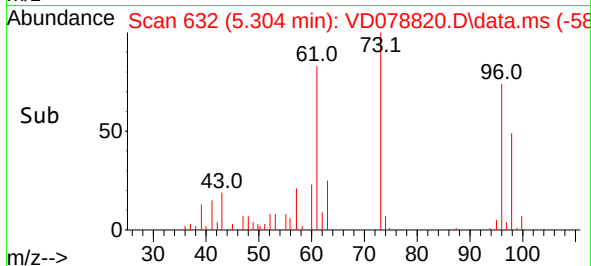
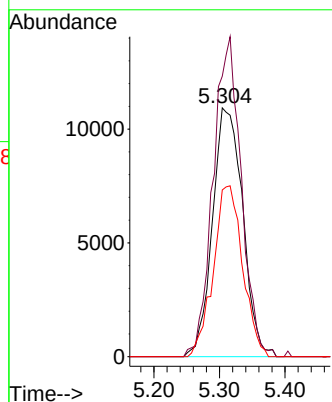
Tgt Ion: 96 Resp: 35009

Ion Ratio Lower Upper

96 100

61 112.7 96.1 144.1

98 67.0 48.9 73.3



#22

Diisopropyl ether

Concen: 21.89 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Tgt Ion: 45 Resp: 81329

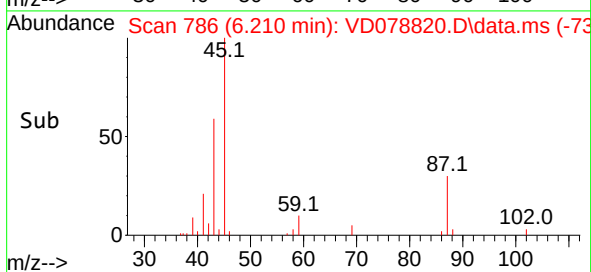
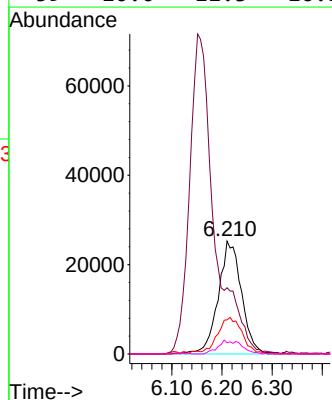
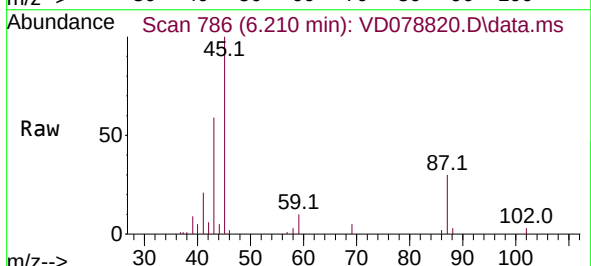
Ion Ratio Lower Upper

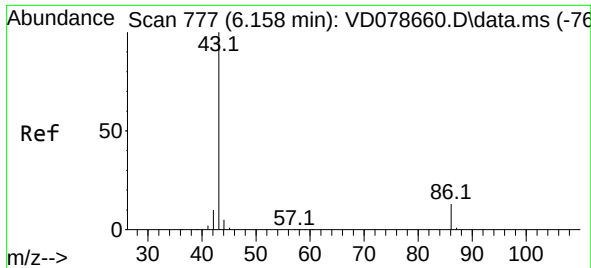
45 100

43 58.0 44.3 66.5

87 30.2 28.3 42.5

59 10.0 11.3 16.9#

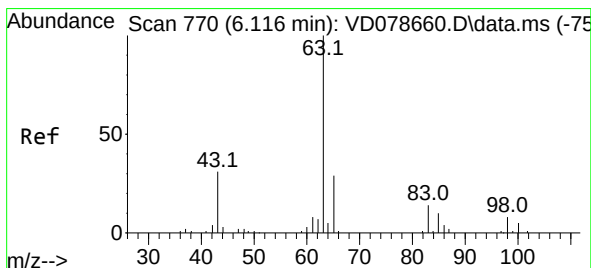
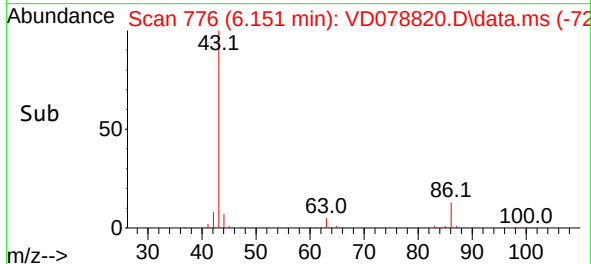
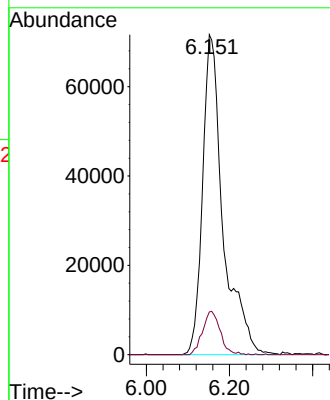
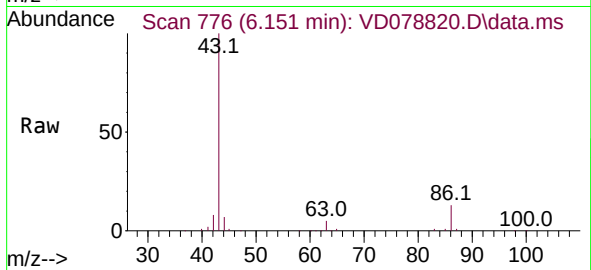




#23
 Vinyl Acetate
 Concen: 112.65 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD078820.D
 Acq: 16 Apr 2024 13:37

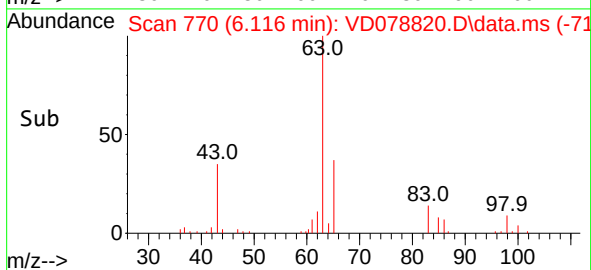
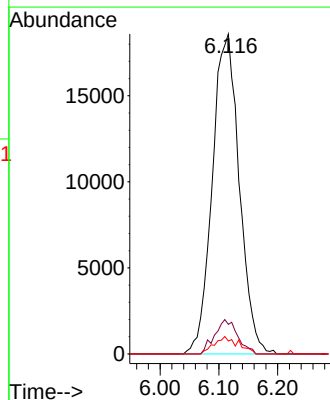
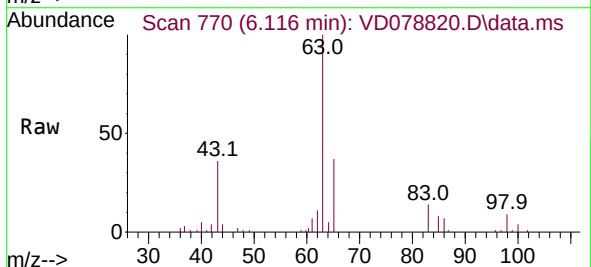
Instrument :
 MSVOA_D
 ClientSampleId :

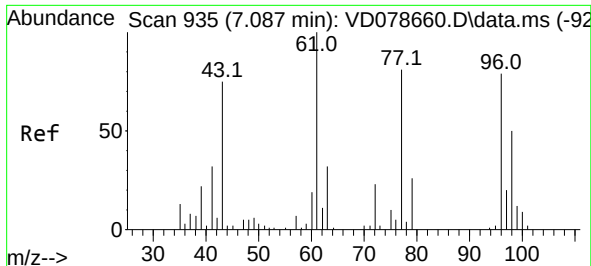
Tgt Ion: 43 Resp: 244851
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.30 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078820.D
 Acq: 16 Apr 2024 13:37

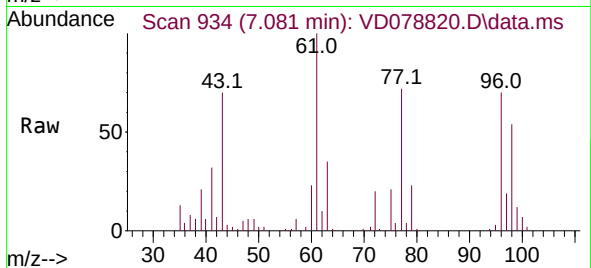
Tgt Ion: 63 Resp: 59333
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.0 11.9
 100 4.1 2.7 8.1



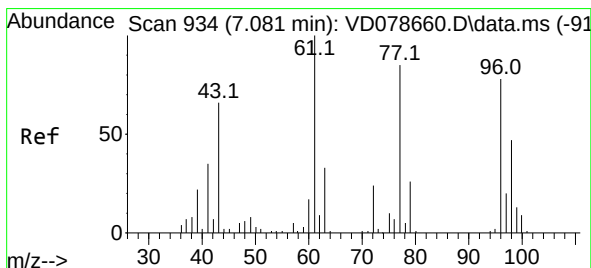
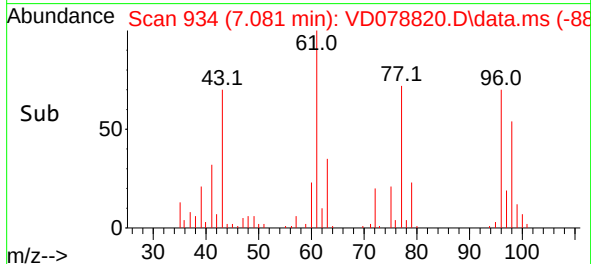
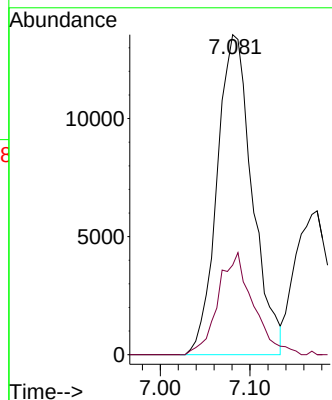


#25
2-Butanone
Concen: 106.94 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

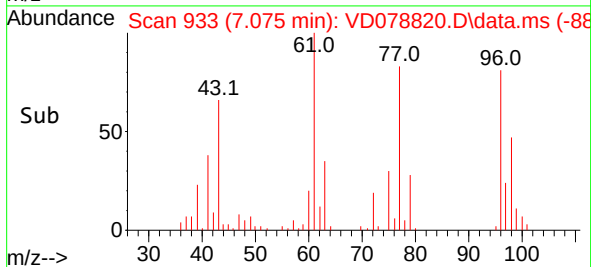
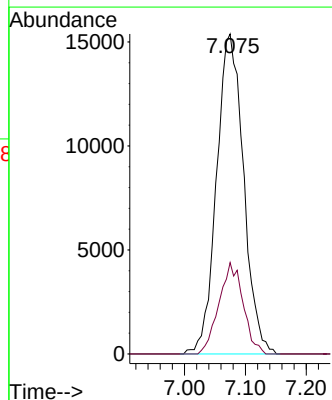
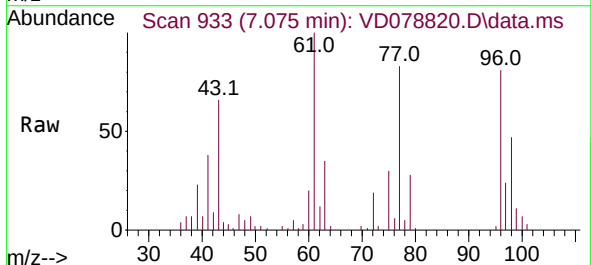


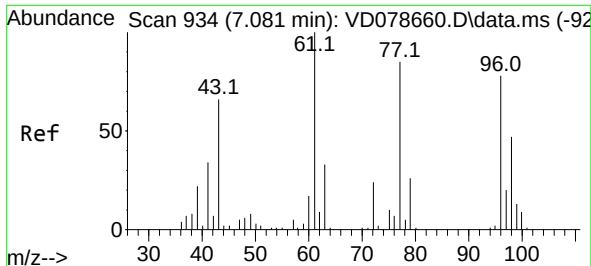
Tgt Ion: 43 Resp: 36887
Ion Ratio Lower Upper
43 100
72 28.0 25.0 37.6



#26
2,2-Dichloropropane
Concen: 20.10 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 77 Resp: 47374
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.0



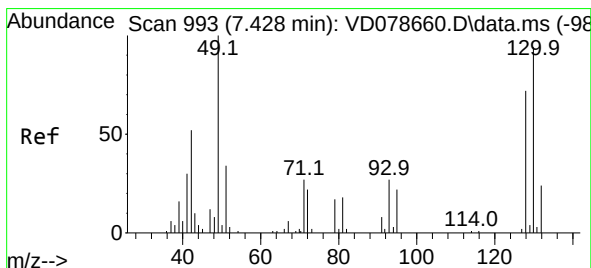
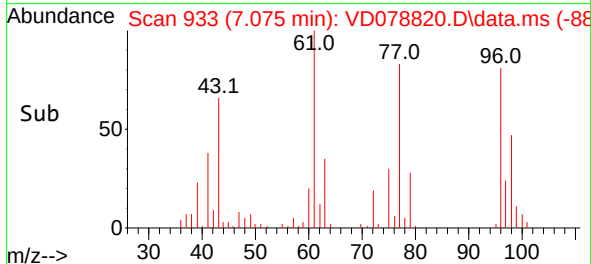
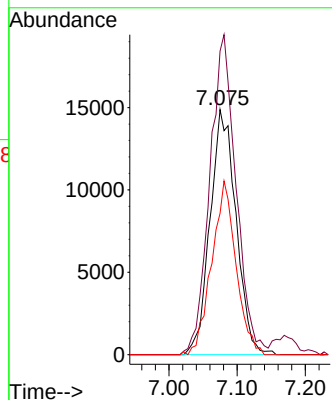
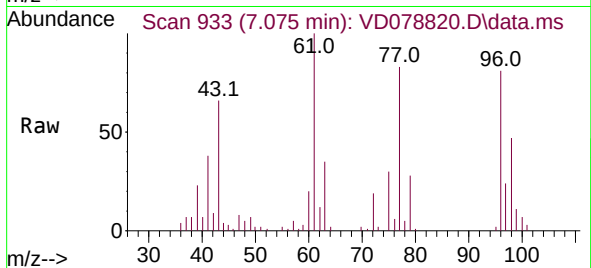


#27
 cis-1,2-Dichloroethene
 Concen: 20.03 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078820.D
 Acq: 16 Apr 2024 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 39484

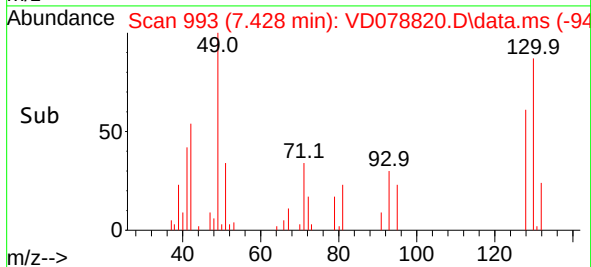
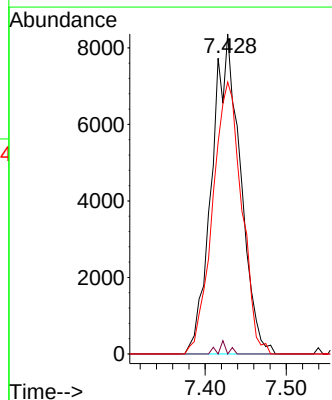
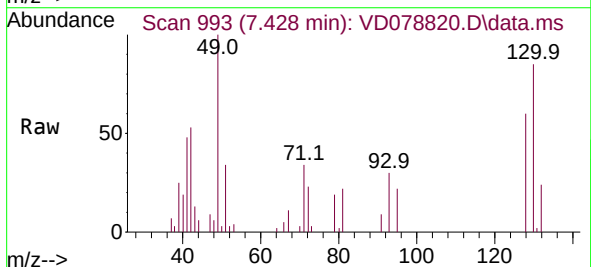
Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	245.0
98	66.2	0.0	126.6

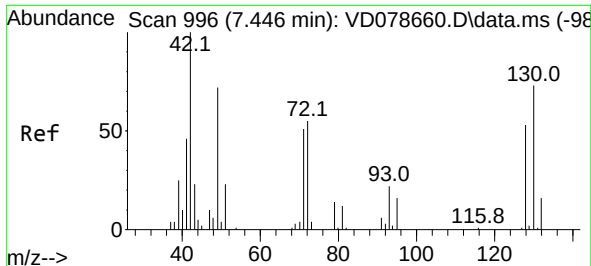


#28
 Bromochloromethane
 Concen: 20.65 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078820.D
 Acq: 16 Apr 2024 13:37

Tgt Ion: 49 Resp: 20515

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	6.2
130	86.2	77.1	115.7





#29

Tetrahydrofuran

Concen: 112.59 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

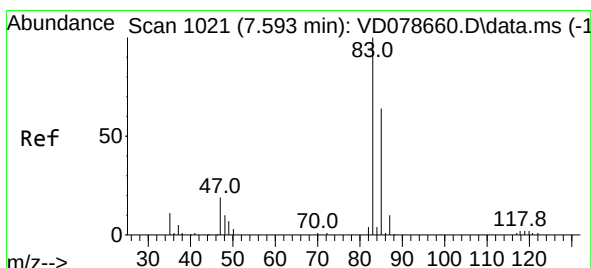
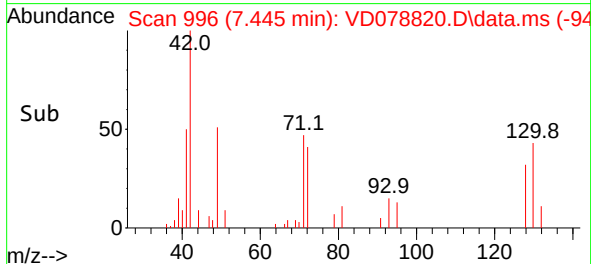
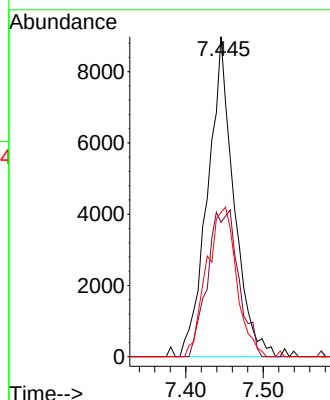
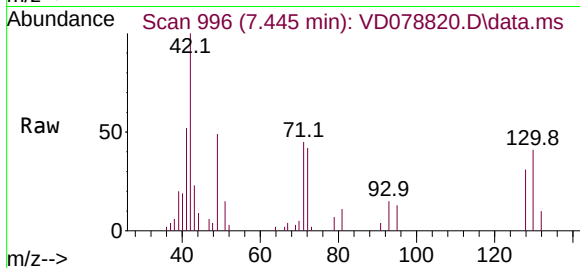
Tgt Ion: 42 Resp: 21122

Ion Ratio Lower Upper

42 100

72 54.5 43.8 65.6

71 53.4 42.0 63.0



#30

Chloroform

Concen: 19.89 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD078820.D

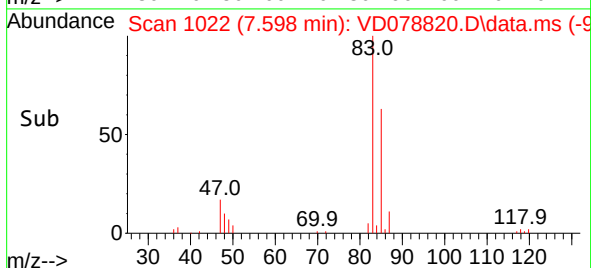
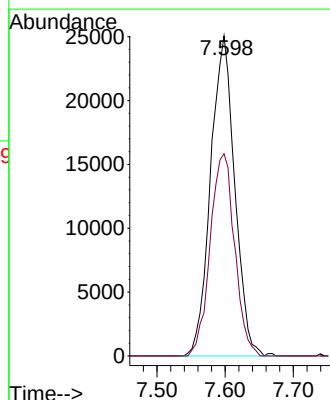
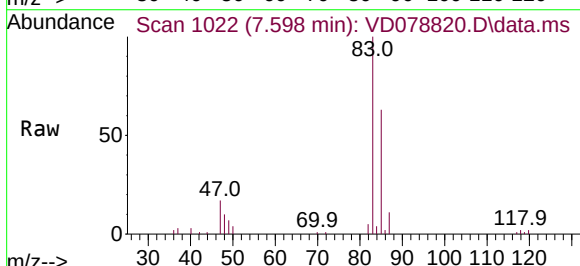
Acq: 16 Apr 2024 13:37

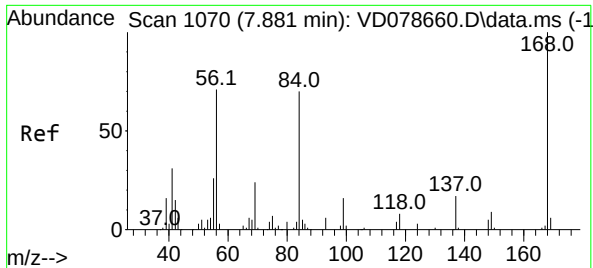
Tgt Ion: 83 Resp: 61790

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

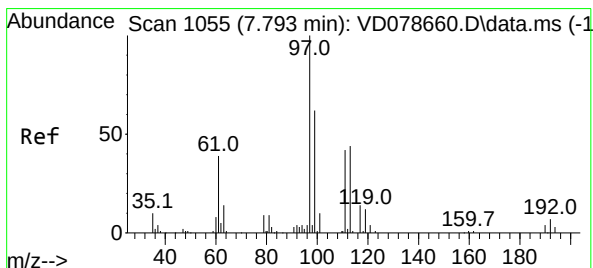
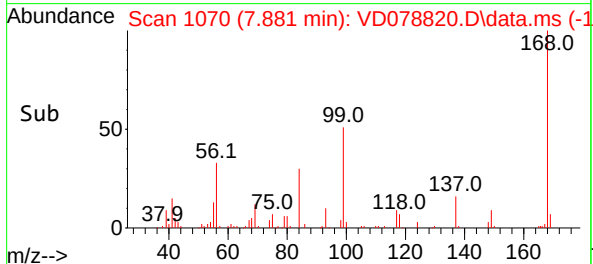
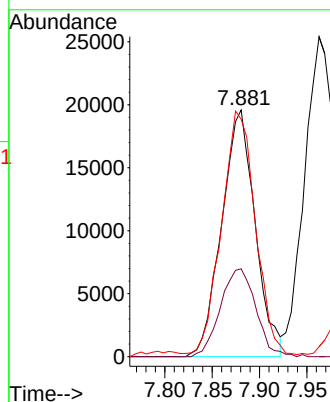
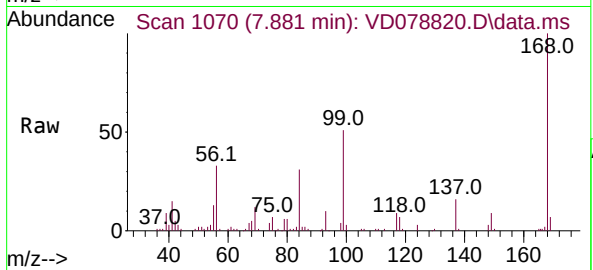




#31
Cyclohexane
Concen: 21.31 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

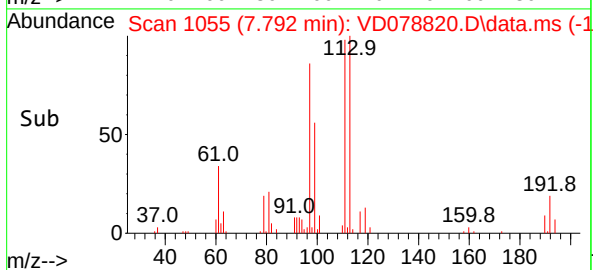
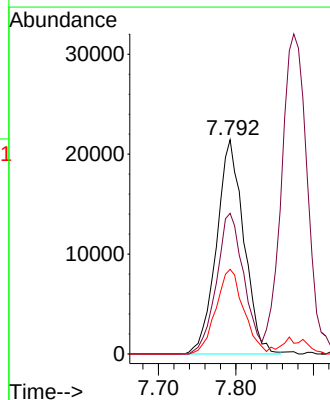
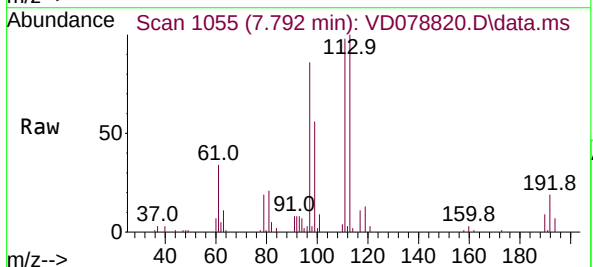
Instrument :
MSVOA_D
ClientSampleId :

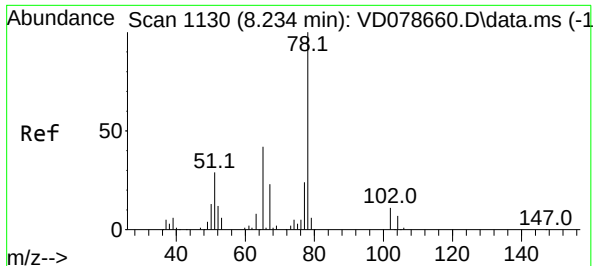
Tgt Ion: 56 Resp: 48057
Ion Ratio Lower Upper
56 100
69 35.6 26.6 40.0
84 94.9 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 19.91 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 97 Resp: 52482
Ion Ratio Lower Upper
97 100
99 65.8 50.8 76.2
61 40.0 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 55.82 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

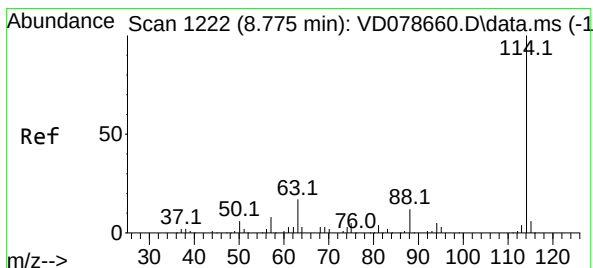
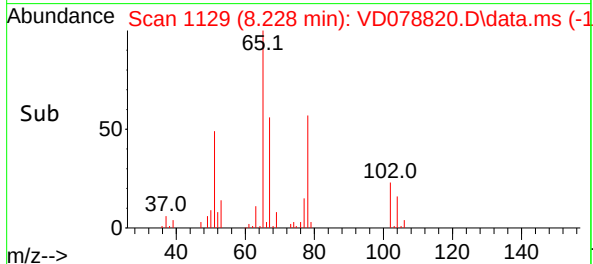
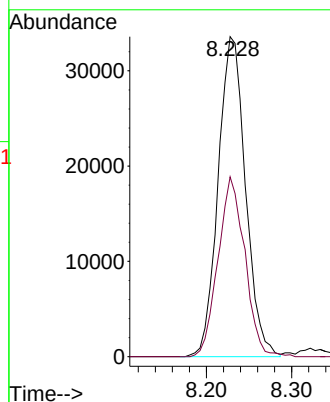
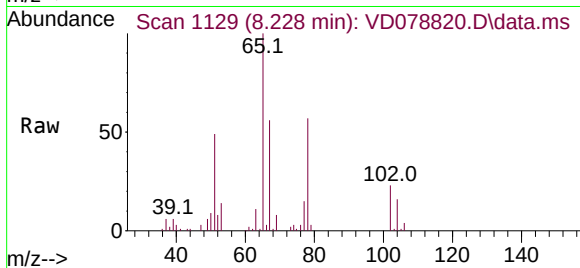
ClientSampleId :

Tgt Ion: 65 Resp: 74893

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

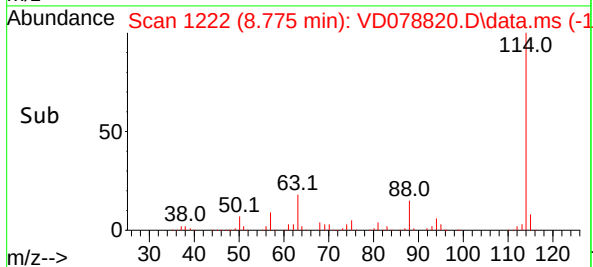
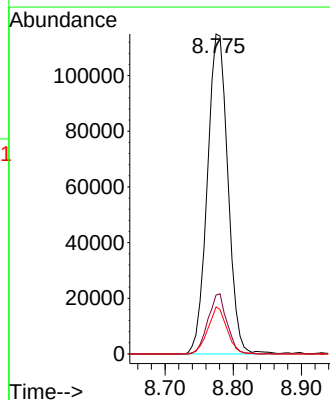
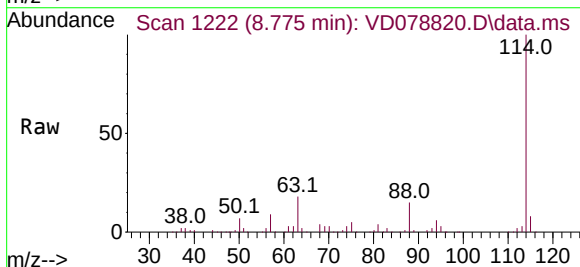
Tgt Ion: 114 Resp: 240946

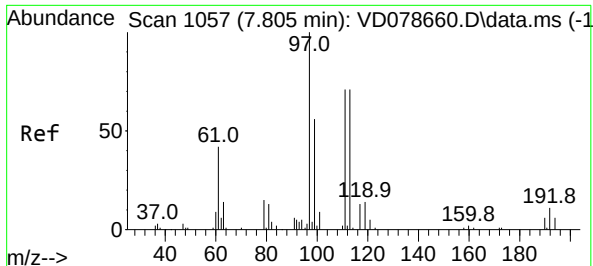
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 52.87 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

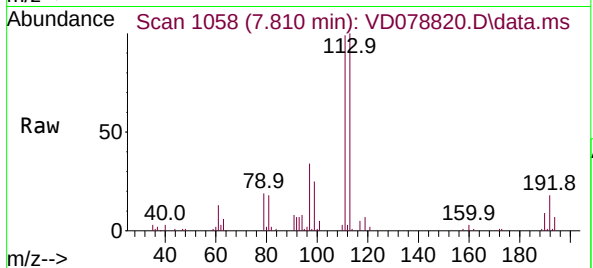
Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :



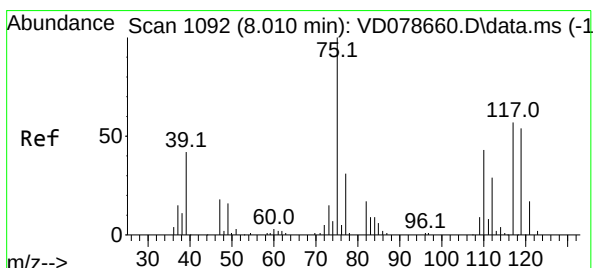
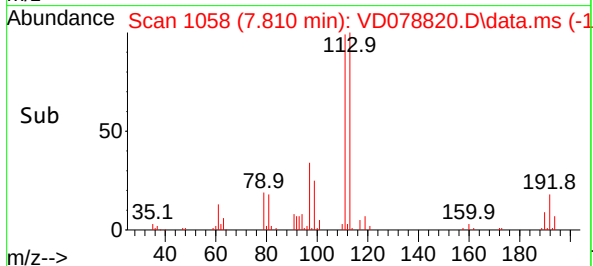
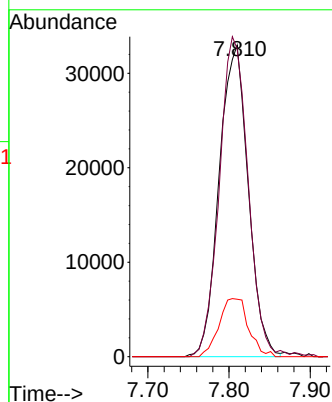
Tgt Ion:113 Resp: 82015

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 18.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.52 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

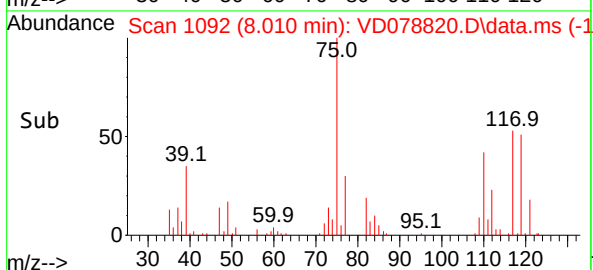
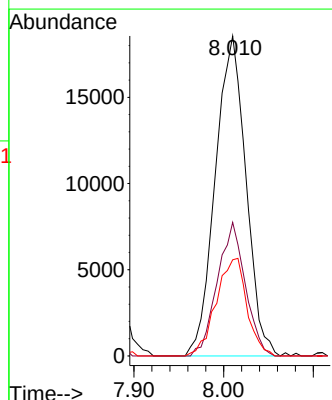
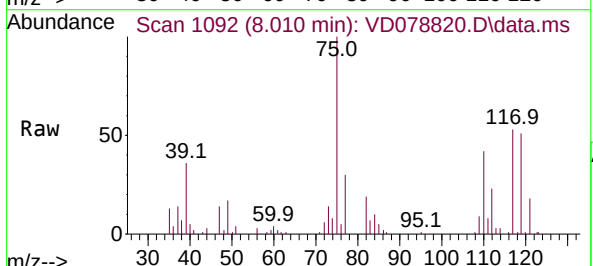
Tgt Ion: 75 Resp: 43948

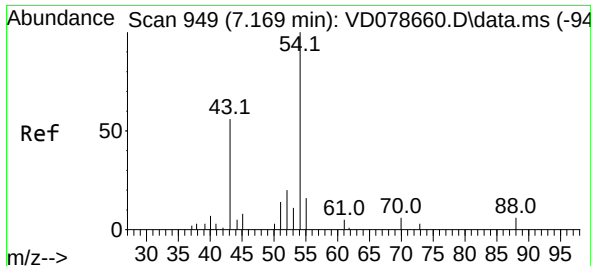
Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.1

77 30.6 25.4 38.2

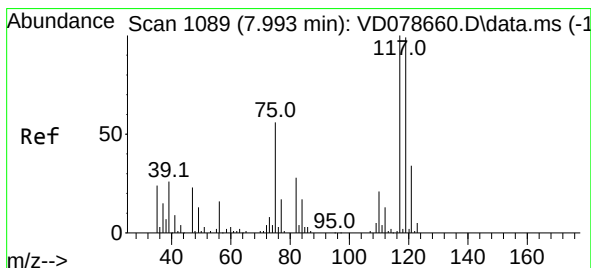
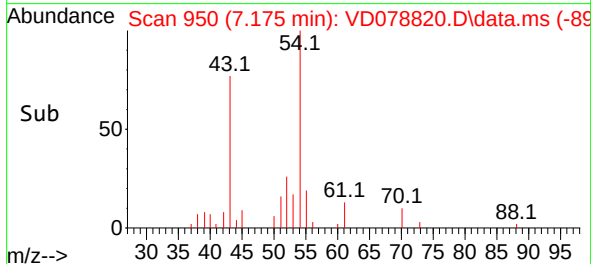
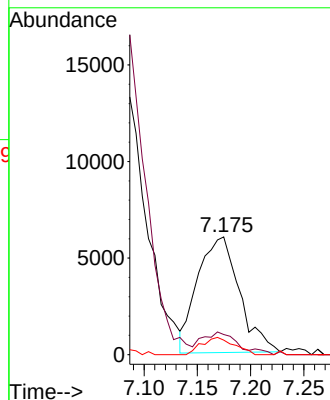
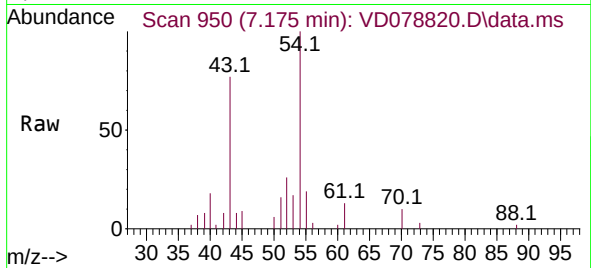




#37
Ethyl Acetate
Concen: 22.21 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

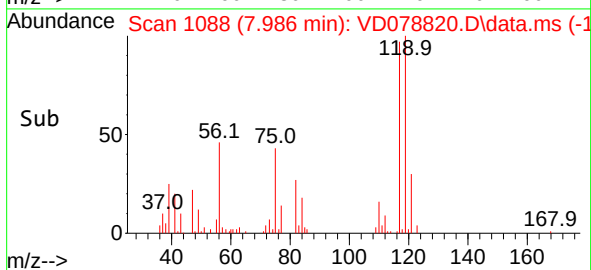
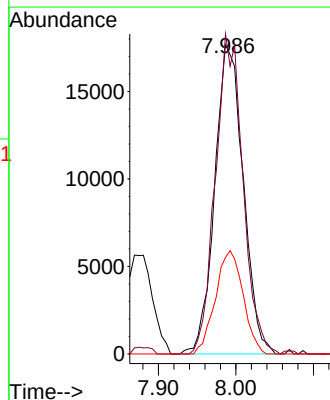
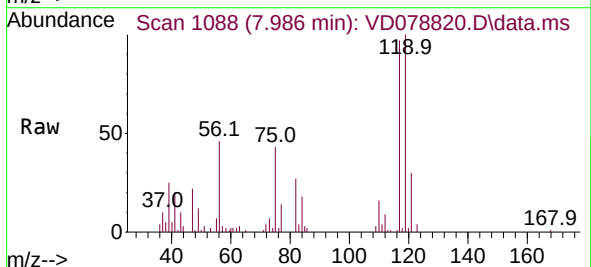
Instrument :
MSVOA_D
ClientSampleId :

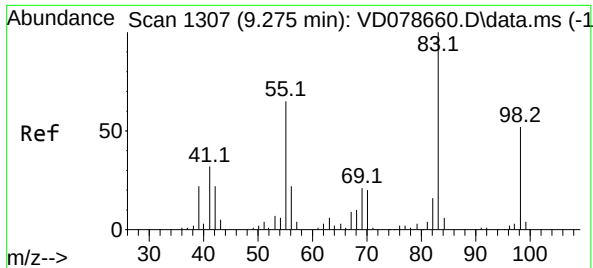
Tgt Ion: 43 Resp: 16330
Ion Ratio Lower Upper
43 100
61 17.1 14.6 21.8
70 11.6 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.09 ug/l
RT: 7.986 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 117 Resp: 45311
Ion Ratio Lower Upper
117 100
119 103.4 79.2 118.8
121 31.2 26.8 40.2

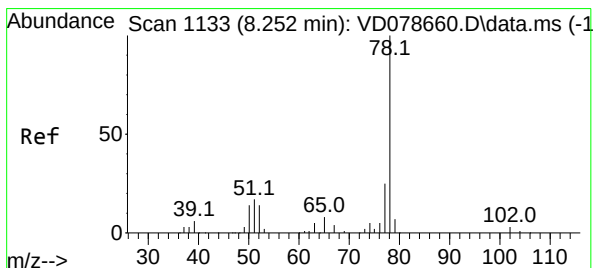
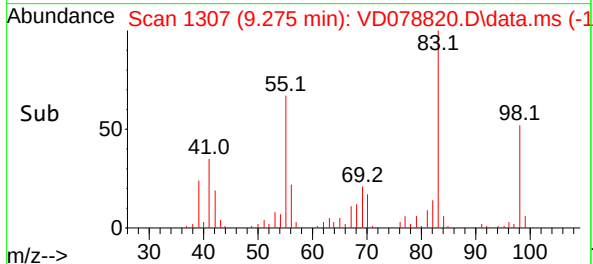
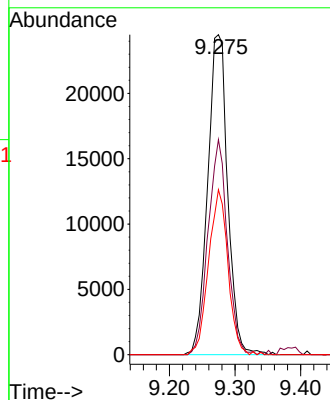
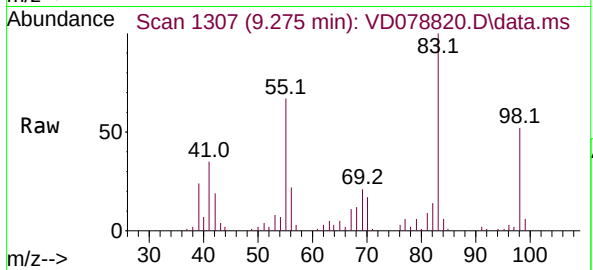




#39
Methylcyclohexane
Concen: 19.93 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

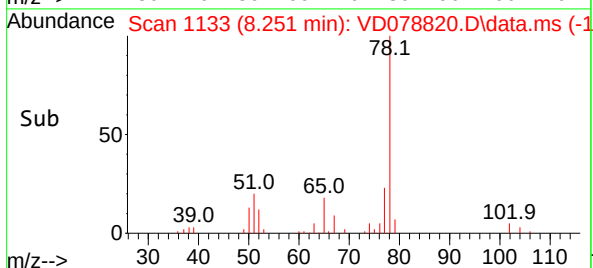
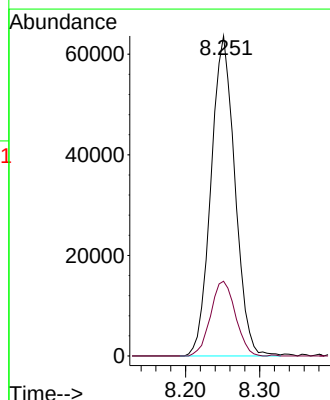
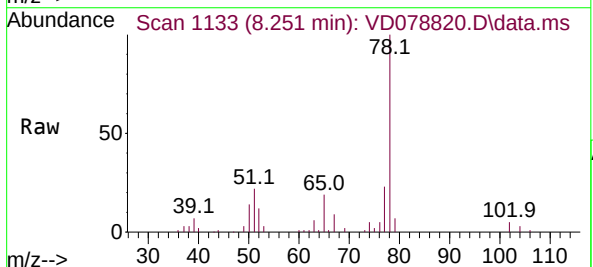
Instrument :
MSVOA_D
ClientSampleId :

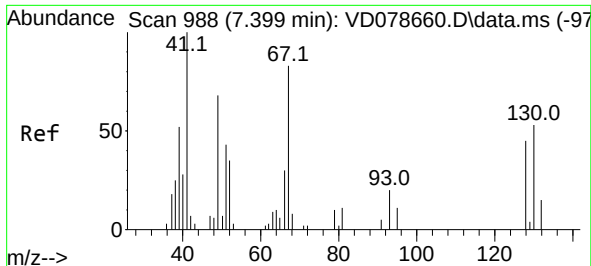
Tgt Ion: 83 Resp: 52052
Ion Ratio Lower Upper
83 100
55 67.2 51.7 77.5
98 51.6 41.4 62.0



#40
Benzene
Concen: 20.93 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

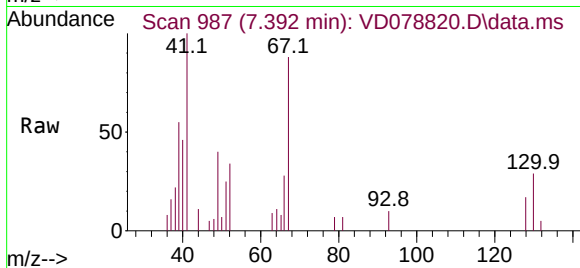
Tgt Ion: 78 Resp: 142440
Ion Ratio Lower Upper
78 100
77 23.4 20.4 30.6



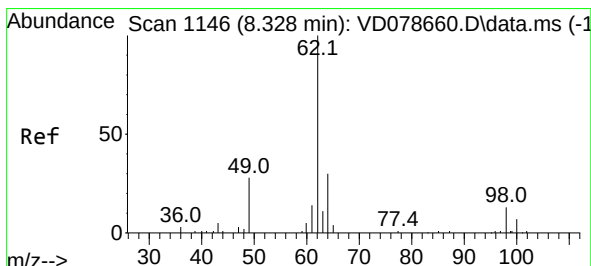
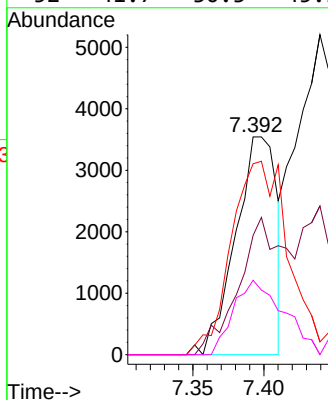
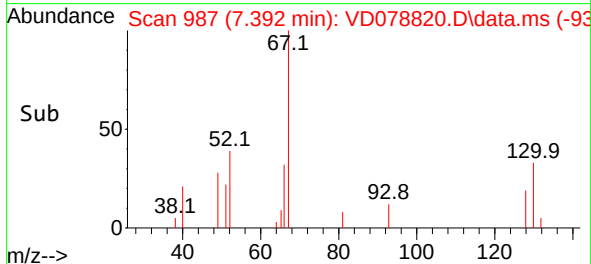


#41
Methacrylonitrile
Concen: 18.47 ug/l
RT: 7.392 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

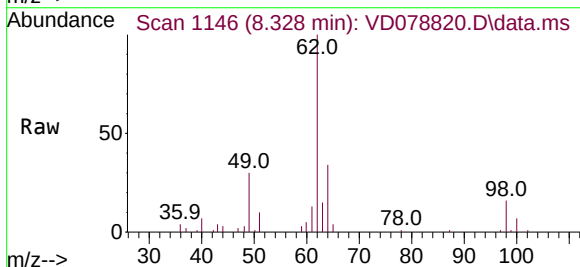
Instrument :
MSVOA_D
ClientSampleId :



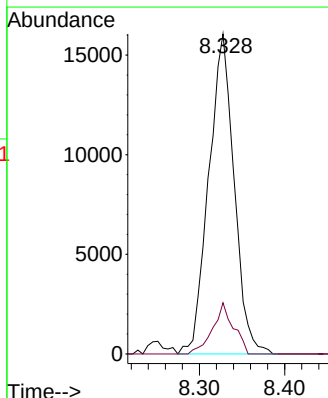
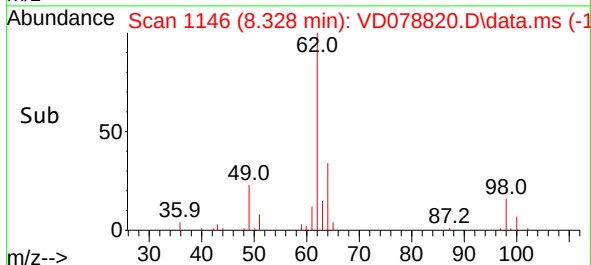
Tgt Ion:	41	Resp:	7118
Ion	Ratio	Lower	Upper
41	100		
39	74.3	39.8	59.6#
67	125.3	83.5	125.3#
52	41.7	30.3	45.5

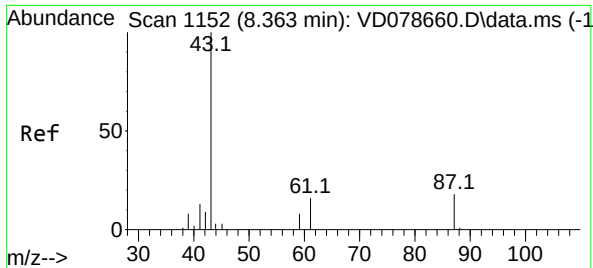


#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37



Tgt Ion:	62	Resp:	33288
Ion	Ratio	Lower	Upper
62	100		
98	13.1	0.0	23.8





#43

Isopropyl Acetate

Concen: 21.65 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078820.D

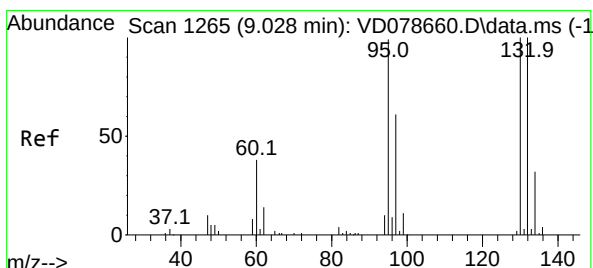
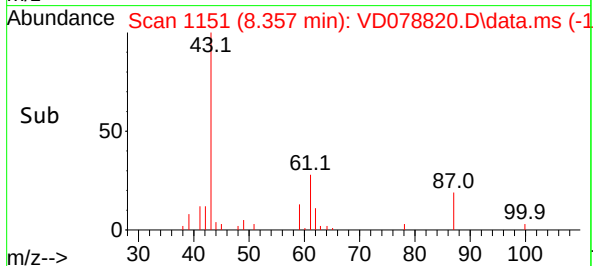
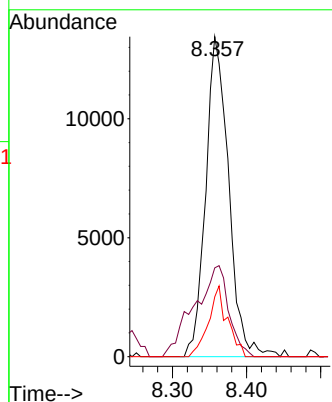
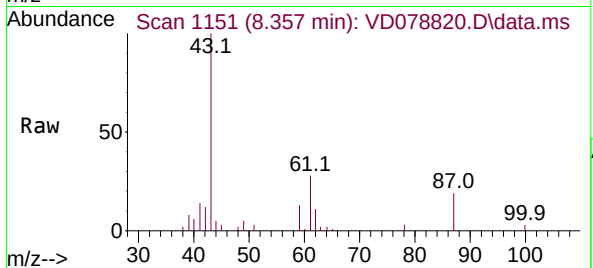
Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 28948
Ion Ratio	Lower Upper
43	100
61	42.4 30.1 45.1
87	18.3 14.4 21.6



#44

Trichloroethene

Concen: 18.50 ug/l

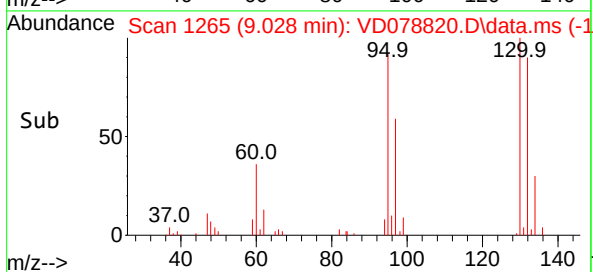
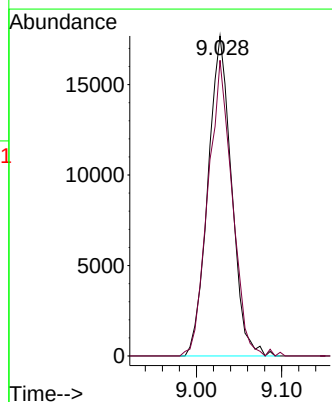
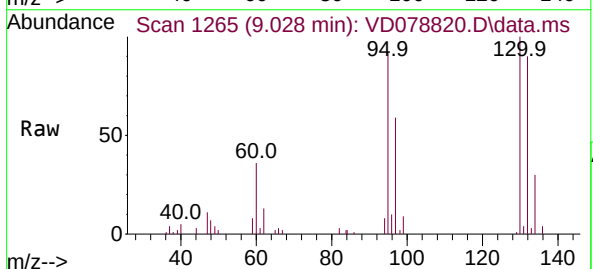
RT: 9.028 min Scan# 1265

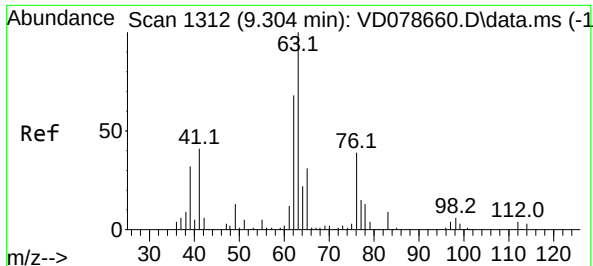
Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Tgt Ion: 130	Resp: 34153
Ion Ratio	Lower Upper
130	100
95	92.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.67 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

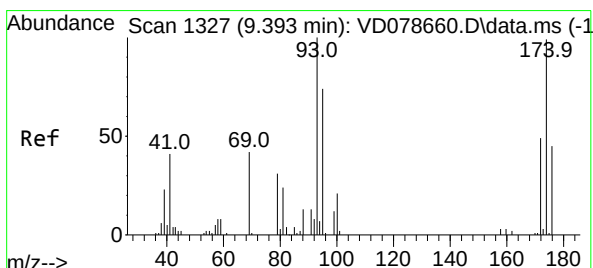
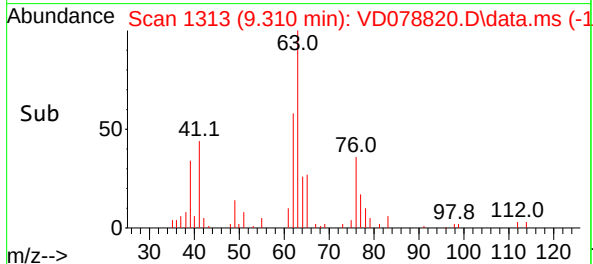
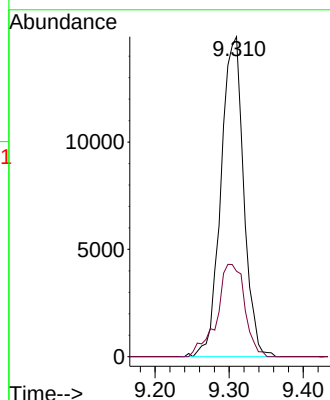
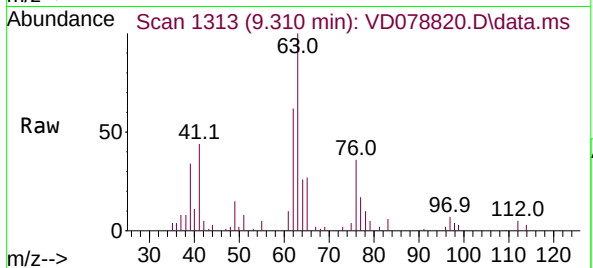
ClientSampleId :

Tgt Ion: 63 Resp: 31741

Ion Ratio Lower Upper

63 100

65 26.7 24.8 37.2



#46

Dibromomethane

Concen: 20.90 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

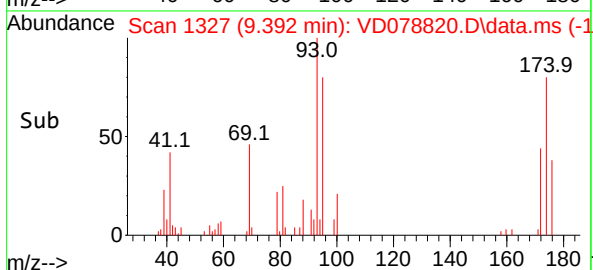
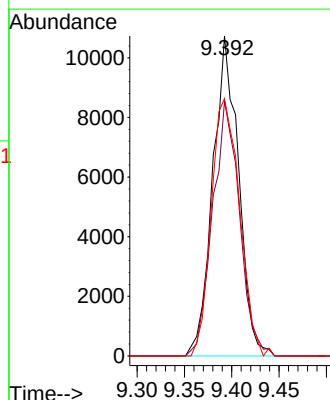
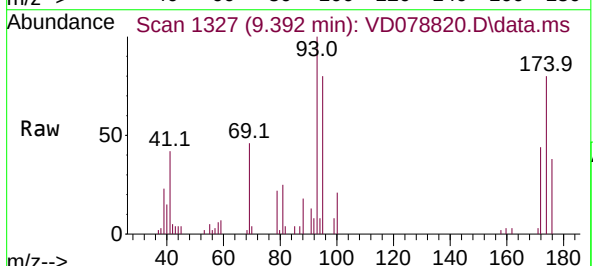
Tgt Ion: 93 Resp: 20217

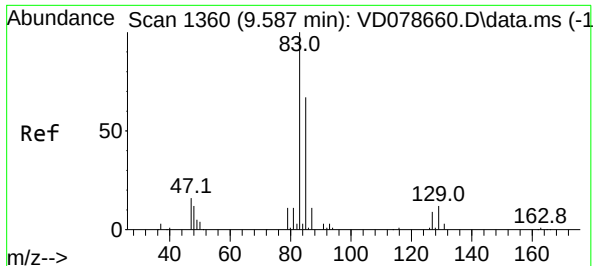
Ion Ratio Lower Upper

93 100

95 83.0 67.3 100.9

174 88.8 80.9 121.3





#47

Bromodichloromethane

Concen: 20.31 ug/l

RT: 9.586 min Scan# 11

Delta R.T. -0.000 min

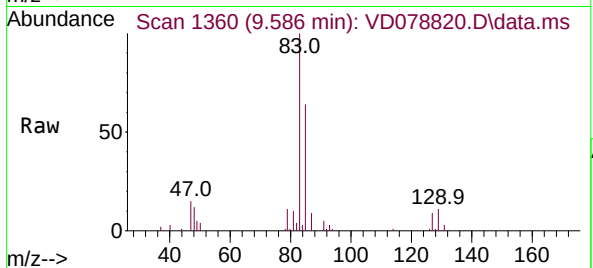
Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

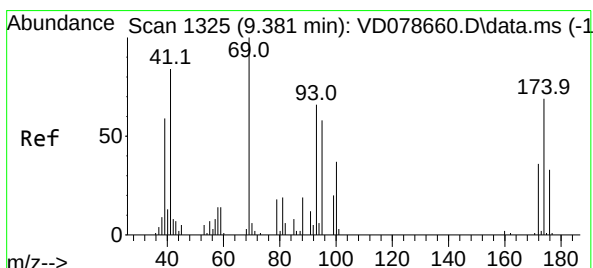
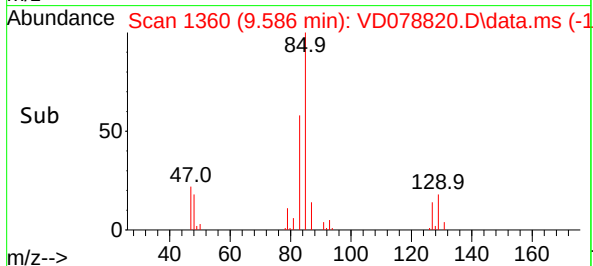
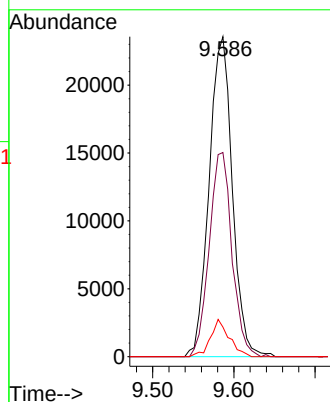
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 83	Resp: 46787
Ion Ratio	Lower Upper
83 100	
85 63.8	54.0 81.0
127 9.2	7.1 10.7



#48

Methyl methacrylate

Concen: 20.74 ug/l

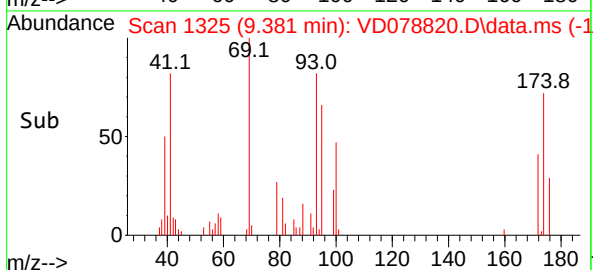
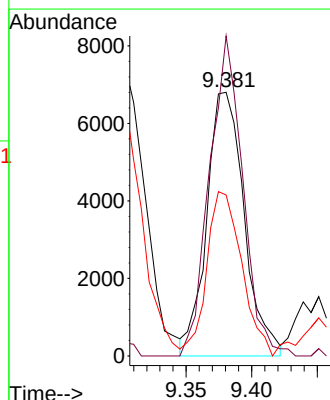
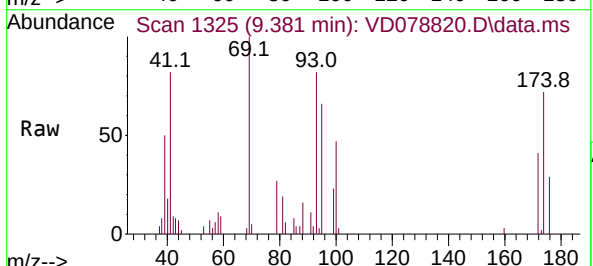
RT: 9.381 min Scan# 1325

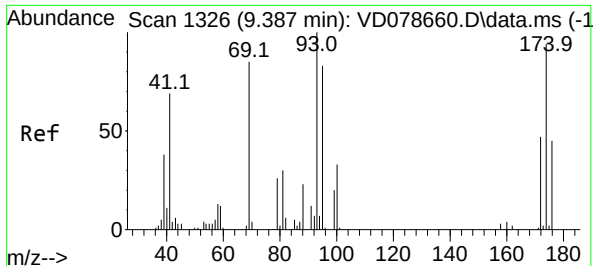
Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Tgt Ion: 41	Resp: 13515
Ion Ratio	Lower Upper
41 100	
69 107.9	88.3 132.5
39 58.3	46.6 69.8





#49

1,4-Dioxane

Concen: 395.16 ug/l

RT: 9.392 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

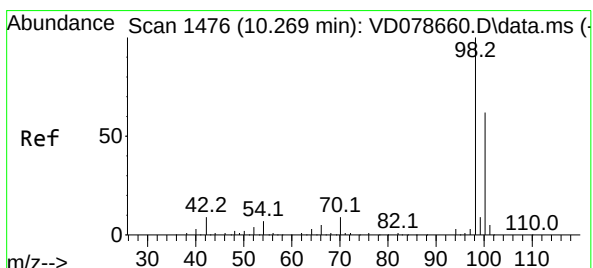
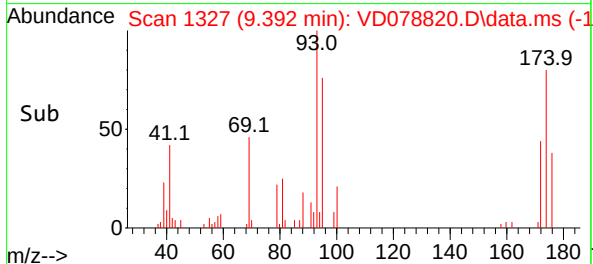
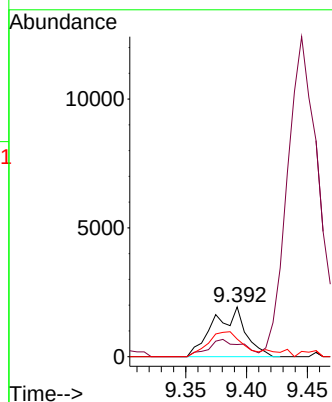
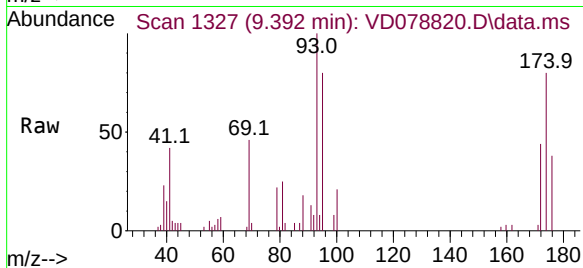
Tgt Ion: 88 Resp: 3540

Ion Ratio Lower Upper

88 100

43 37.6 23.2 34.8#

58 53.4 51.0 76.6



#50

Toluene-d8

Concen: 54.15 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078820.D

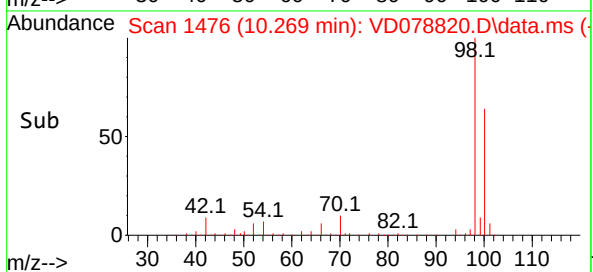
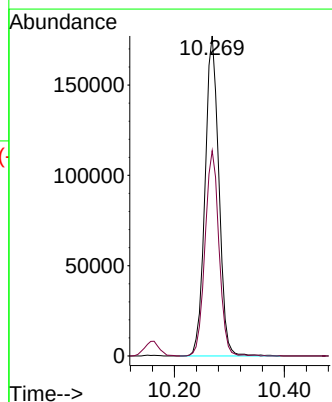
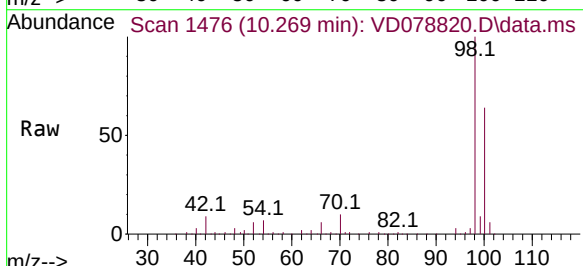
Acq: 16 Apr 2024 13:37

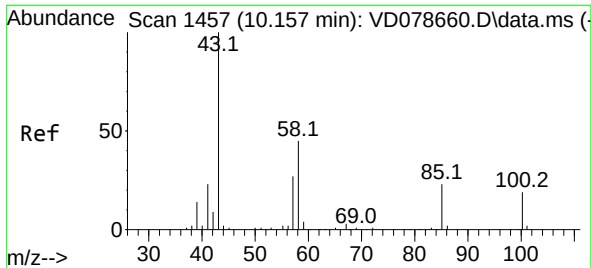
Tgt Ion: 98 Resp: 308918

Ion Ratio Lower Upper

98 100

100 64.9 50.5 75.7

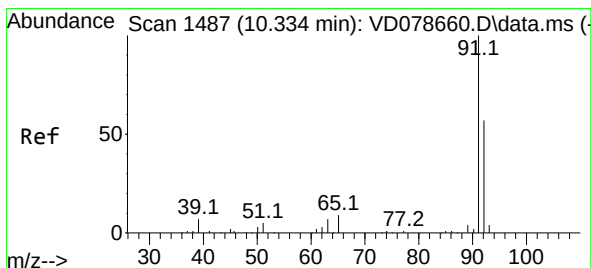
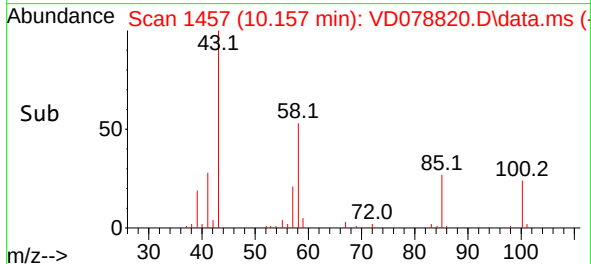
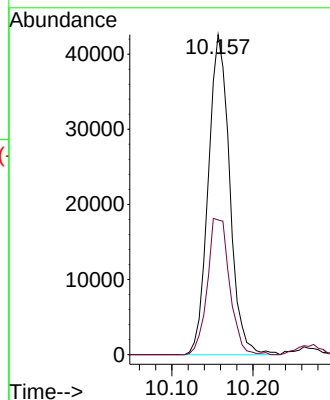
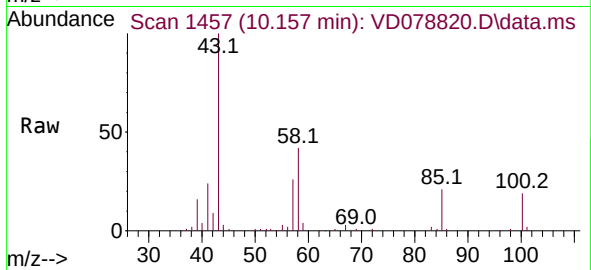




#51
4-Methyl-2-Pentanone
Concen: 111.44 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

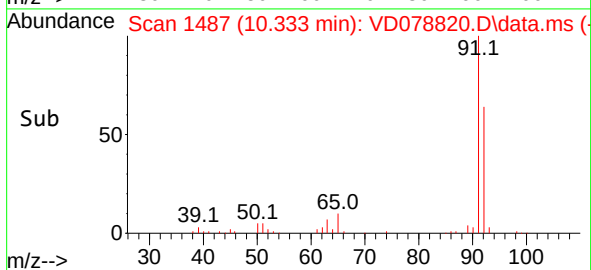
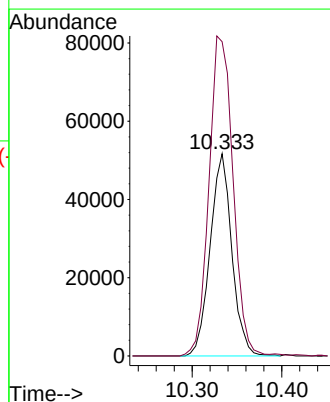
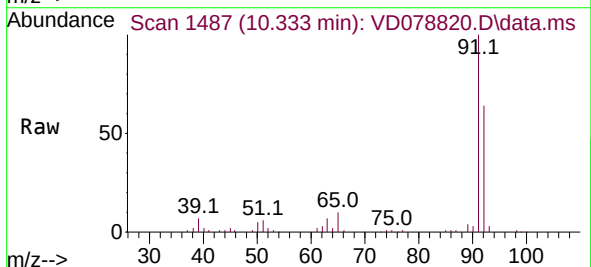
Instrument :
MSVOA_D
ClientSampleId :

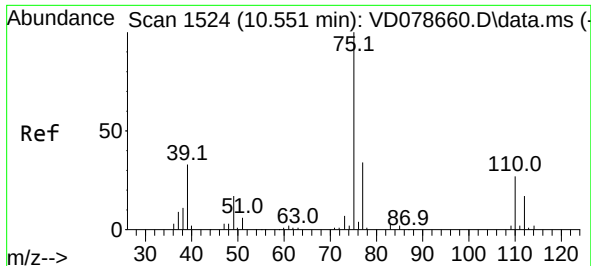
Tgt Ion: 43 Resp: 77909
Ion Ratio Lower Upper
43 100
58 44.2 36.4 54.6



#52
Toluene
Concen: 19.82 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 92 Resp: 86814
Ion Ratio Lower Upper
92 100
91 175.6 136.6 205.0

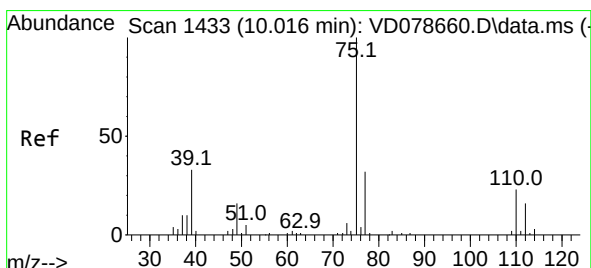
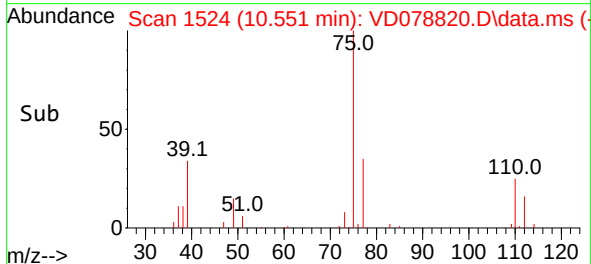
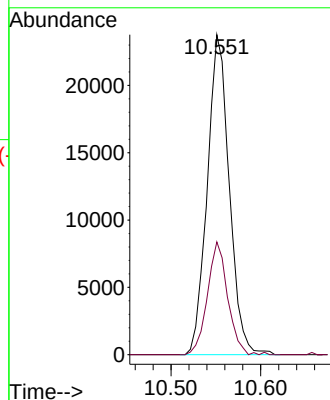
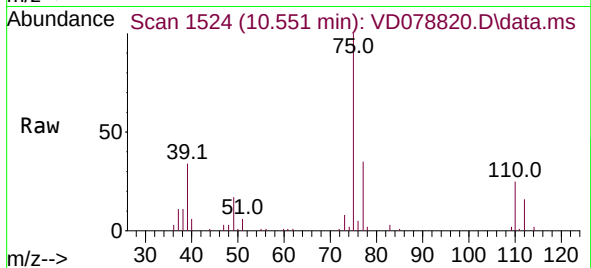




#53
t-1,3-Dichloropropene
Concen: 19.22 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

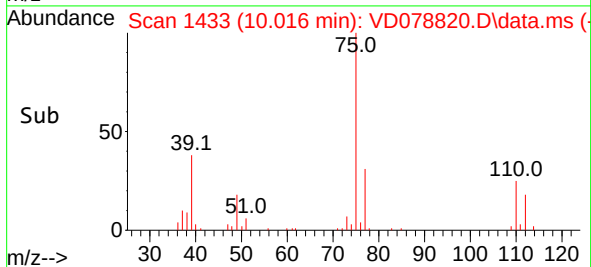
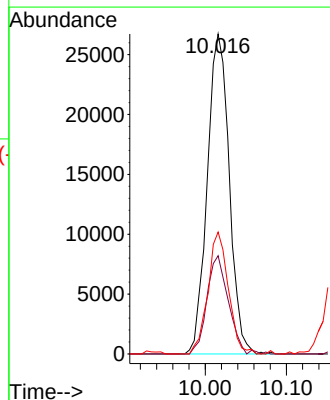
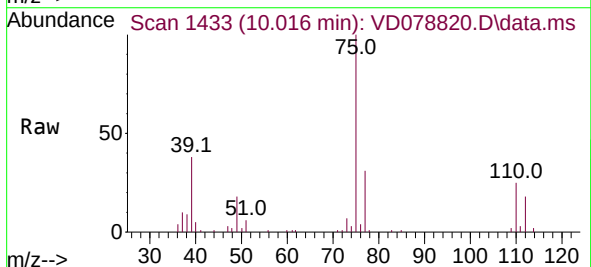
Instrument :
MSVOA_D
ClientSampleId :

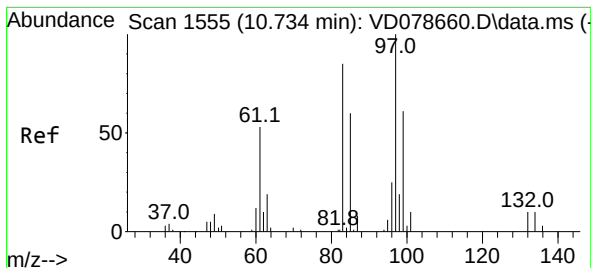
Tgt Ion: 75 Resp: 40478
Ion Ratio Lower Upper
75 100
77 35.2 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 19.86 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 75 Resp: 50277
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 38.1 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 19.80 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 25649

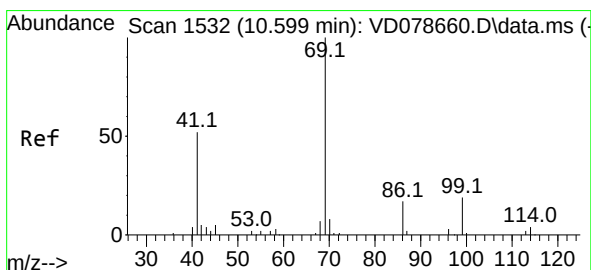
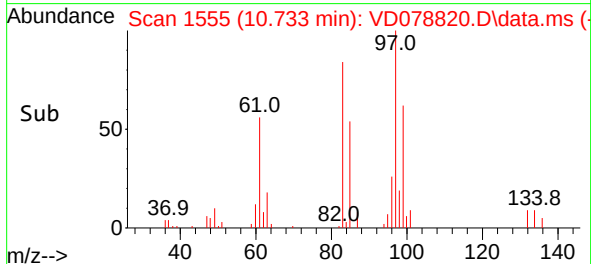
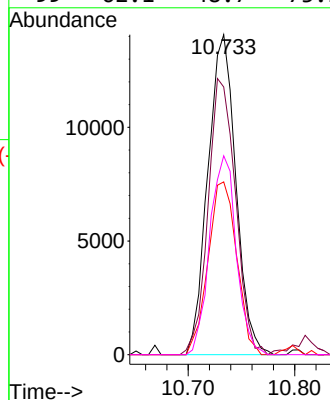
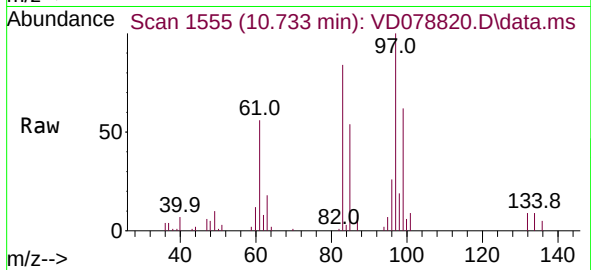
Ion Ratio Lower Upper

97 100

83 83.6 68.1 102.1

85 54.0 48.2 72.2

99 62.1 48.7 73.1



#56

Ethyl methacrylate

Concen: 20.05 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

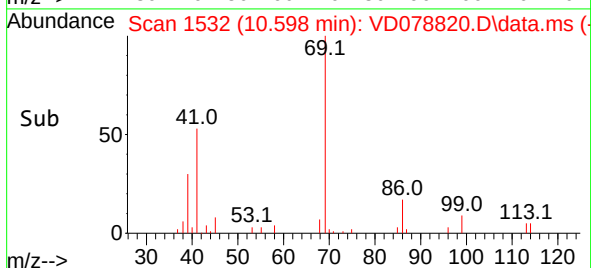
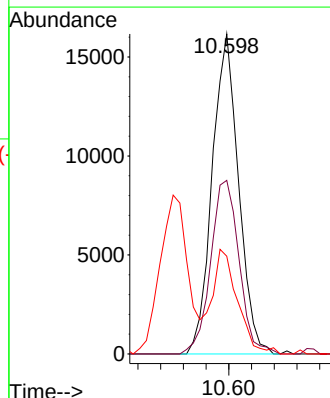
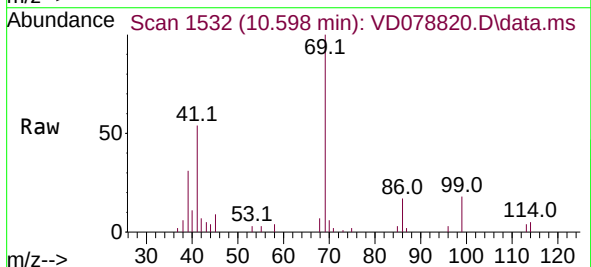
Tgt Ion: 69 Resp: 26039

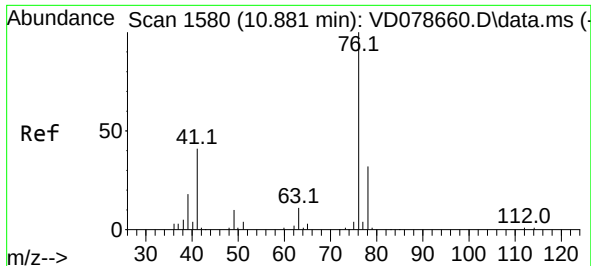
Ion Ratio Lower Upper

69 100

41 58.4 40.9 61.3

39 31.9 25.5 38.3





#57

1,3-Dichloropropane

Concen: 19.83 ug/l

RT: 10.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

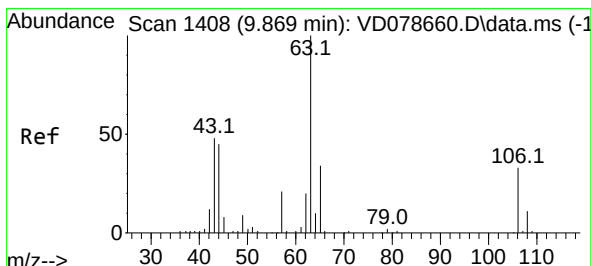
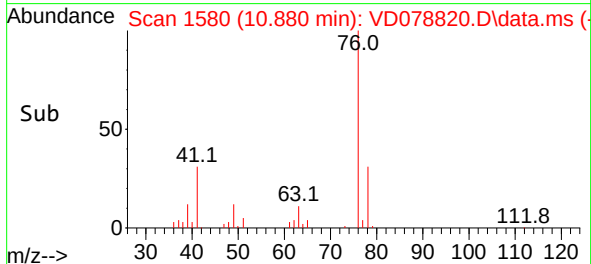
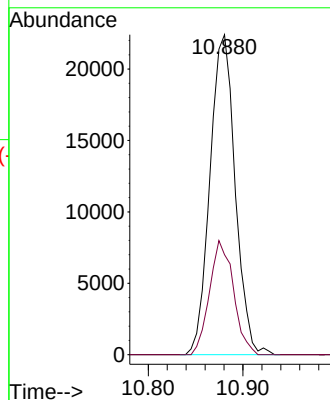
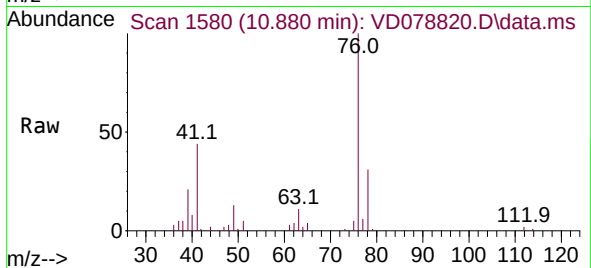
ClientSampleId :

Tgt Ion: 76 Resp: 41457

Ion Ratio Lower Upper

76 100

78 33.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 102.95 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078820.D

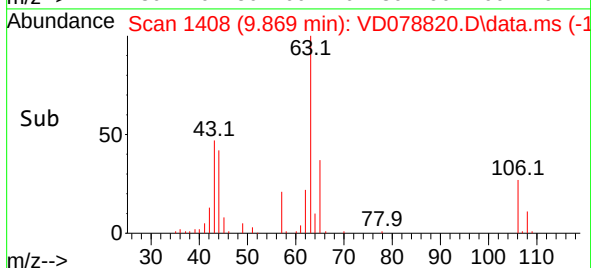
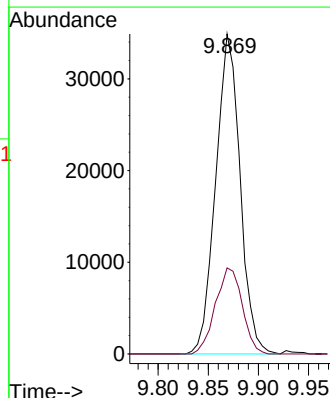
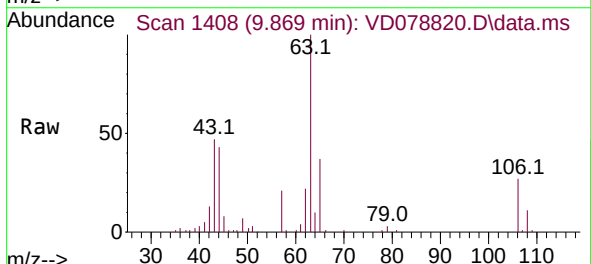
Acq: 16 Apr 2024 13:37

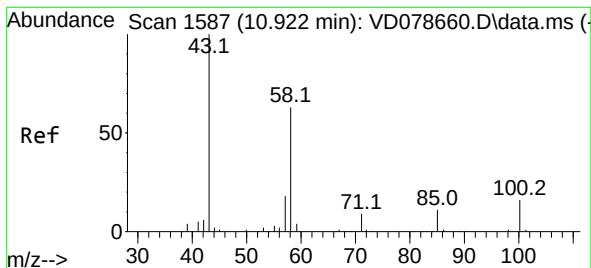
Tgt Ion: 63 Resp: 58963

Ion Ratio Lower Upper

63 100

106 29.5 25.2 37.8





#59

2-Hexanone

Concen: 109.97 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

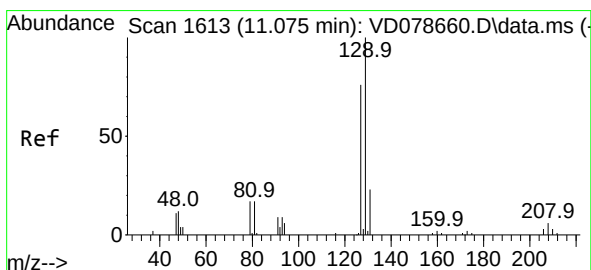
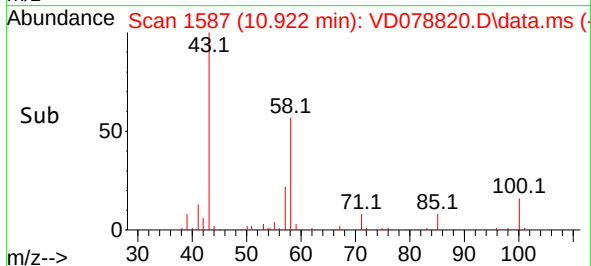
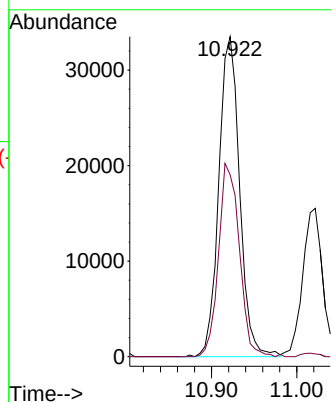
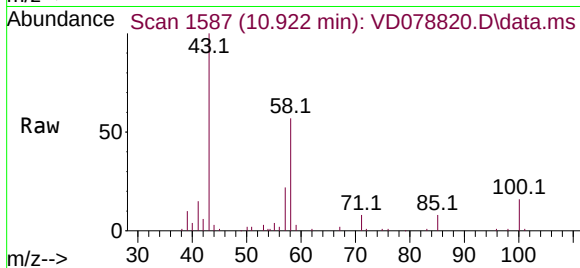
ClientSampleId :

Tgt Ion: 43 Resp: 56995

Ion Ratio Lower Upper

43 100

58 60.3 31.5 94.5



#60

Dibromochloromethane

Concen: 20.23 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078820.D

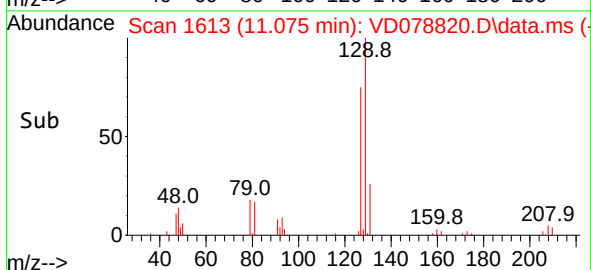
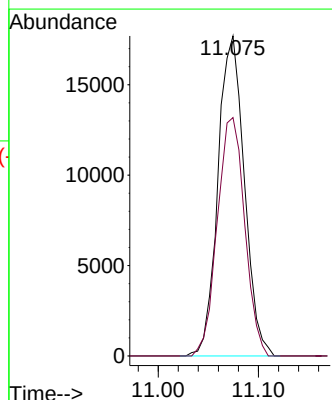
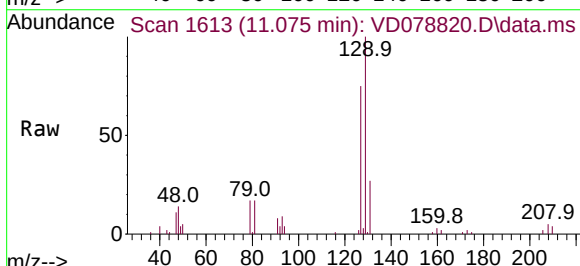
Acq: 16 Apr 2024 13:37

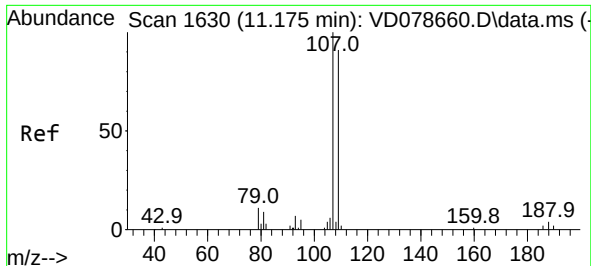
Tgt Ion: 129 Resp: 32317

Ion Ratio Lower Upper

129 100

127 77.3 38.8 116.3

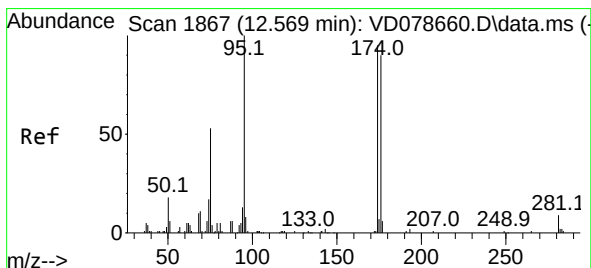
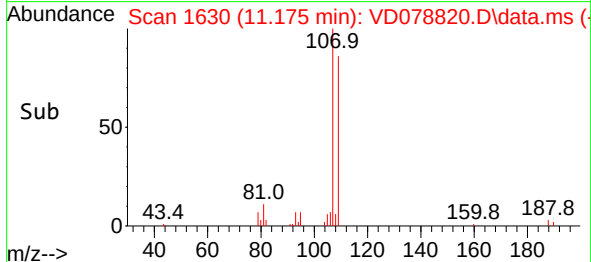
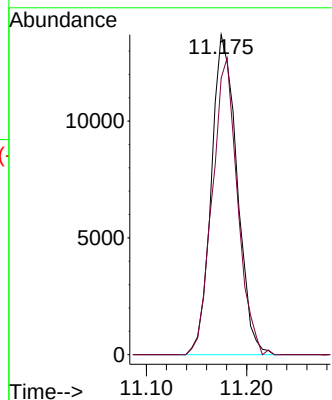
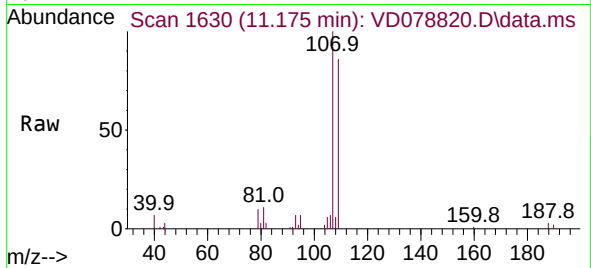




#61
1,2-Dibromoethane
Concen: 19.40 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

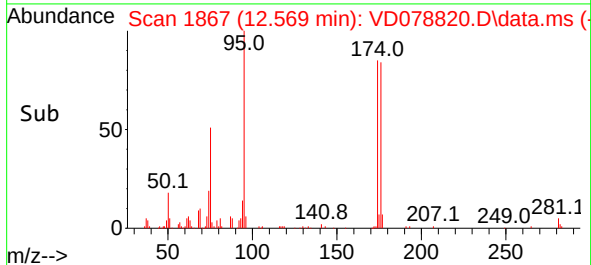
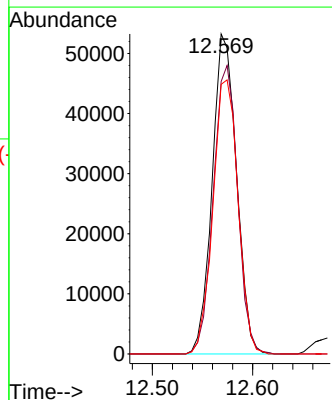
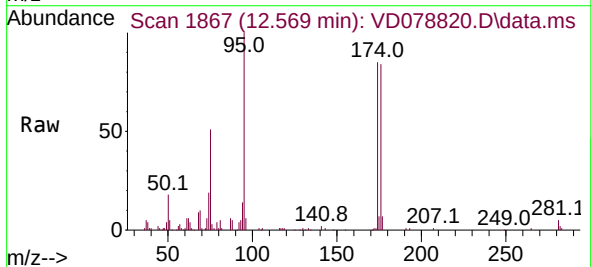
Instrument :
MSVOA_D
ClientSampleId :

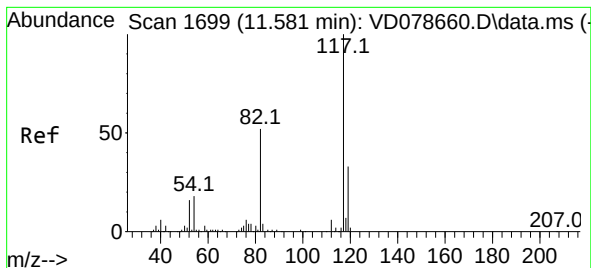
Tgt Ion:107 Resp: 24330
Ion Ratio Lower Upper
107 100
109 91.2 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 53.76 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 95 Resp: 89735
Ion Ratio Lower Upper
95 100
174 89.9 0.0 195.2
176 88.2 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

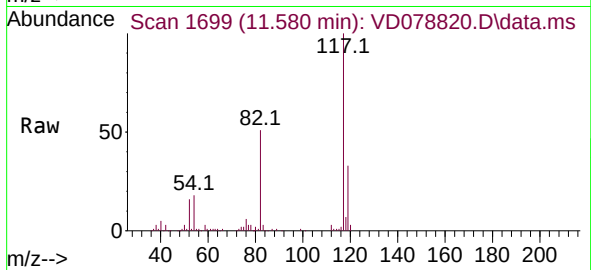
Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :



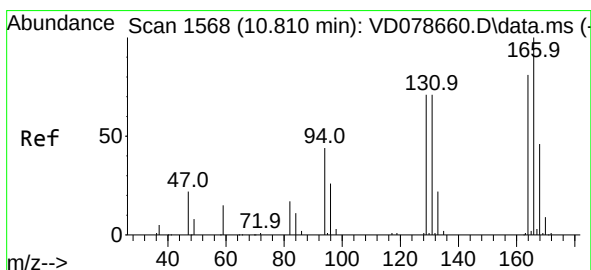
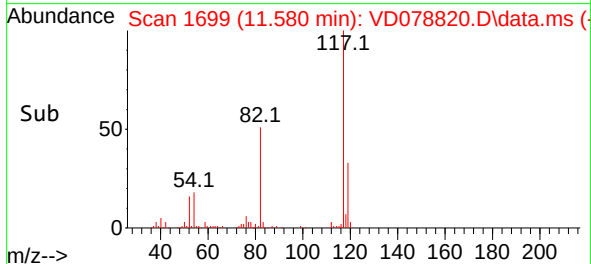
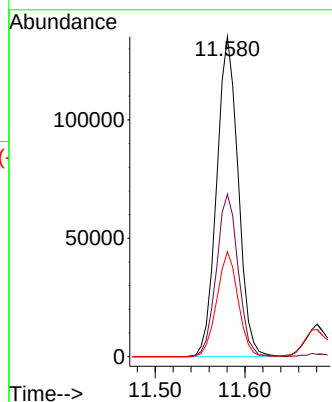
Tgt Ion:117 Resp: 225176

Ion Ratio Lower Upper

117 100

82 50.8 41.4 62.2

119 32.8 26.5 39.7



#64

Tetrachloroethene

Concen: 18.26 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Tgt Ion:164 Resp: 27211

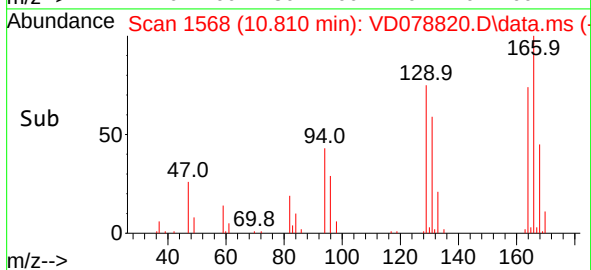
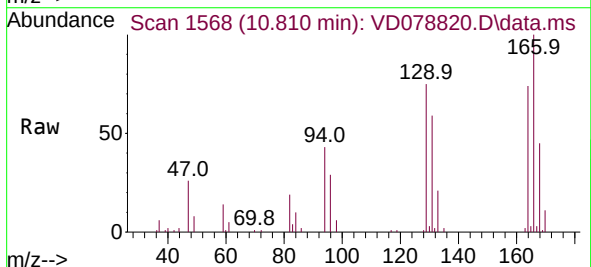
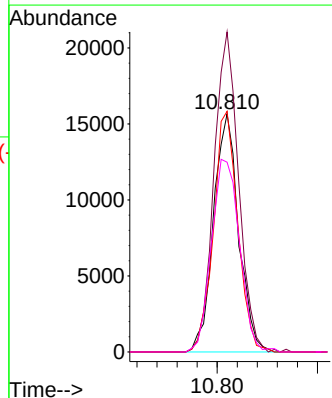
Ion Ratio Lower Upper

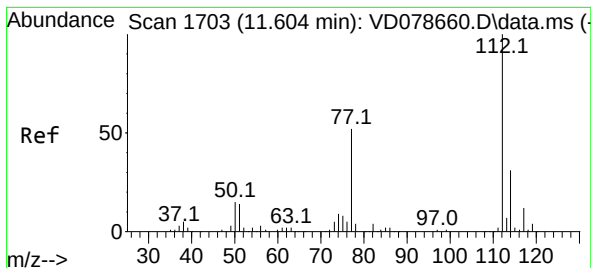
164 100

166 134.4 98.9 148.3

129 101.1 70.3 105.5

131 79.7 70.6 106.0





#65

Chlorobenzene

Concen: 20.32 ug/l

RT: 11.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

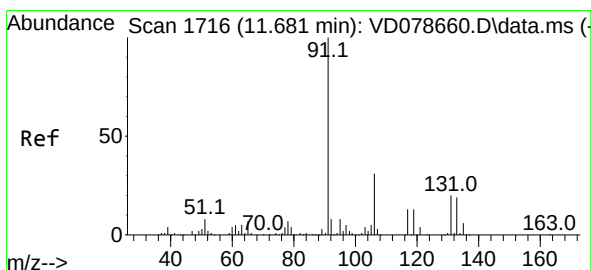
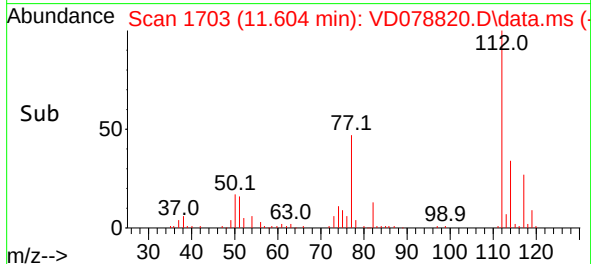
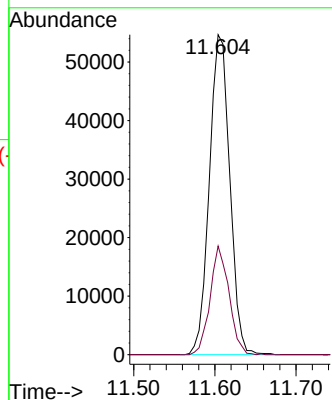
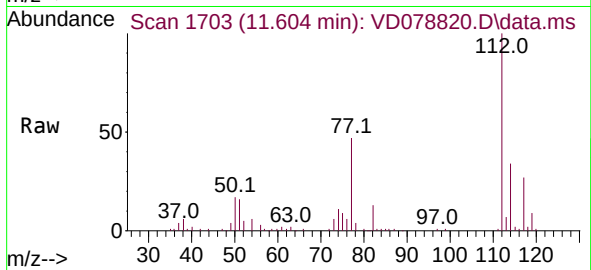
ClientSampleId :

Tgt Ion:112 Resp: 95617

Ion Ratio Lower Upper

112 100

114 34.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.39 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

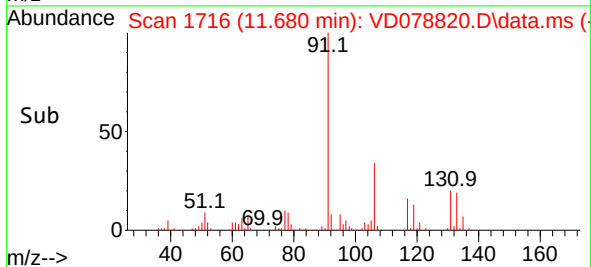
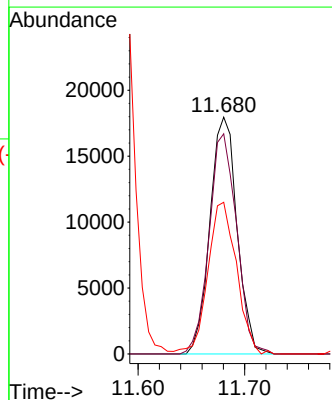
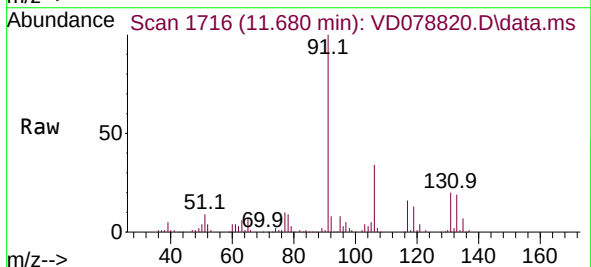
Tgt Ion:131 Resp: 31683

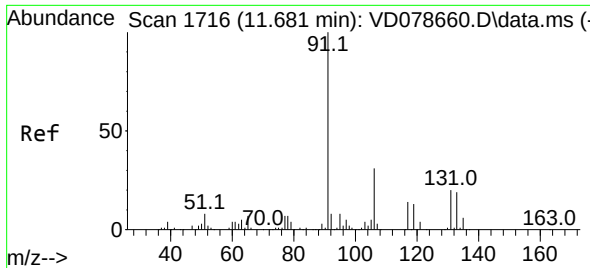
Ion Ratio Lower Upper

131 100

133 94.7 47.6 142.9

119 67.8 34.1 102.3

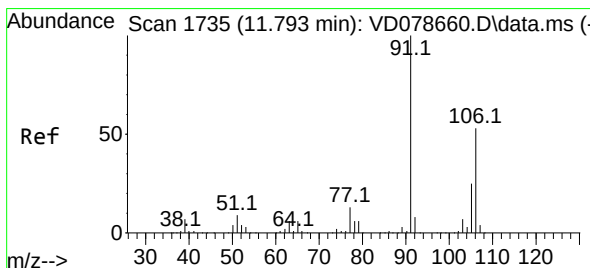
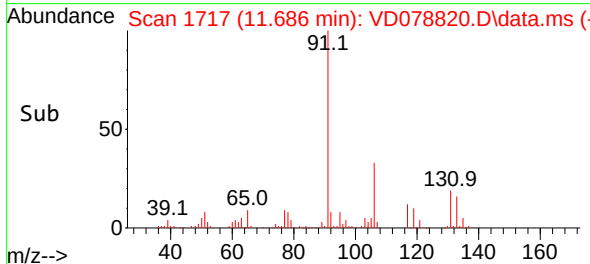
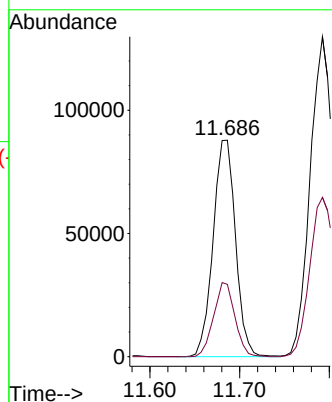
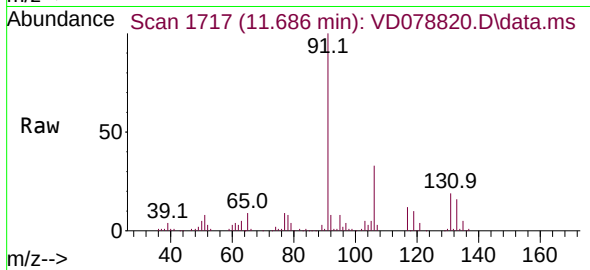




#67
Ethyl Benzene
Concen: 19.02 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.005 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

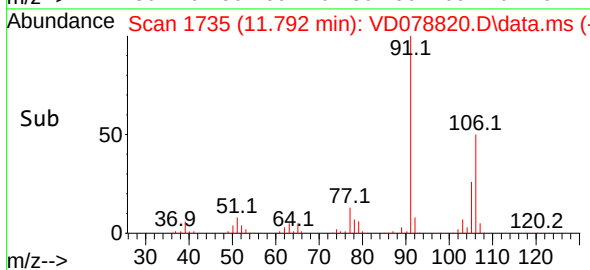
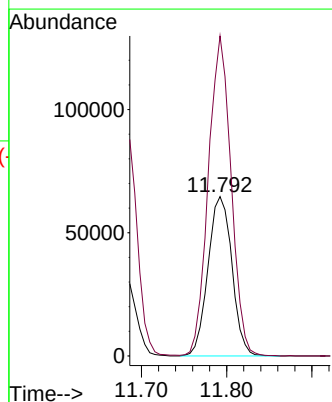
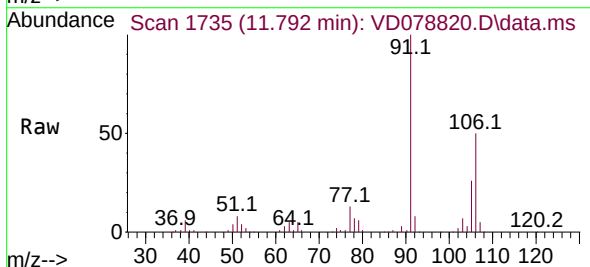
Instrument :
MSVOA_D
ClientSampleId :

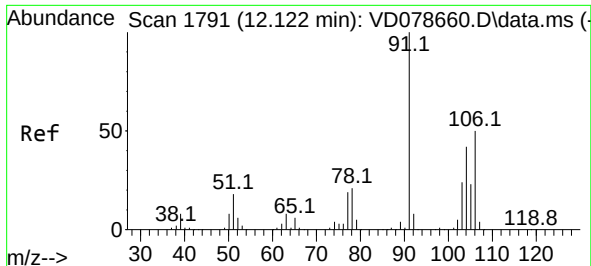
Tgt Ion: 91 Resp: 152527
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 38.75 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 106 Resp: 126161
Ion Ratio Lower Upper
106 100
91 191.2 154.4 231.6

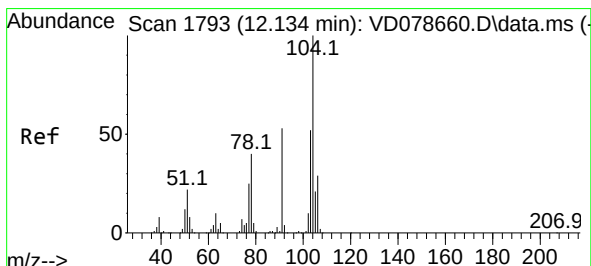
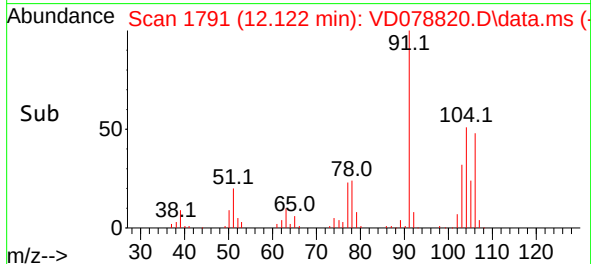
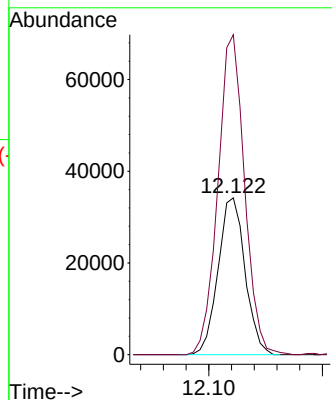
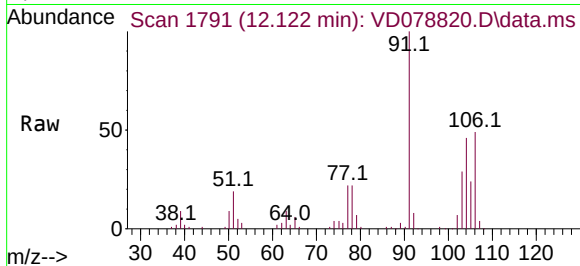




#69
o-Xylene
Concen: 18.70 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

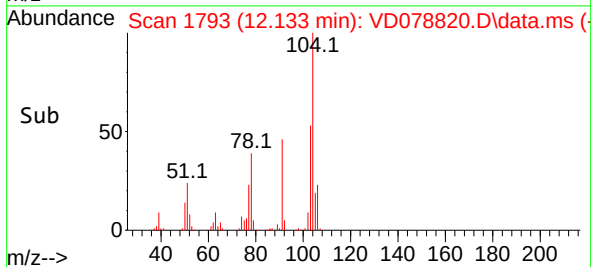
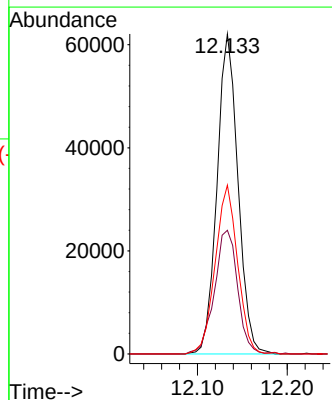
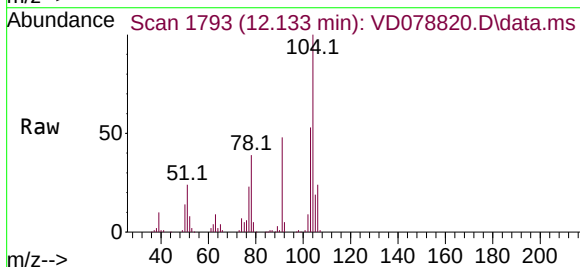
Instrument :
MSVOA_D
ClientSampleId :

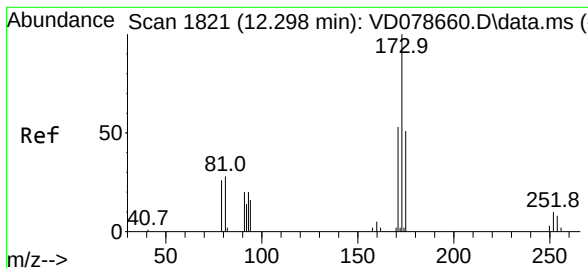
Tgt Ion:	106	Resp:	56334
Ion Ratio	Lower	Upper	
106	100		
91	201.8	99.6	298.7



#70
Styrene
Concen: 19.89 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion:	104	Resp:	100580
Ion Ratio	Lower	Upper	
104	100		
78	42.9	34.6	52.0
103	56.4	44.2	66.2





#71

Bromoform

Concen: 20.15 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078820.D

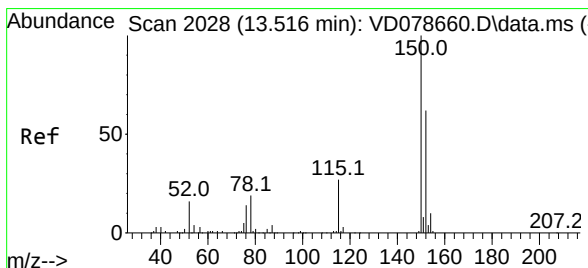
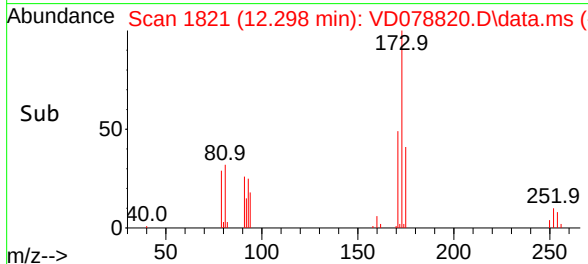
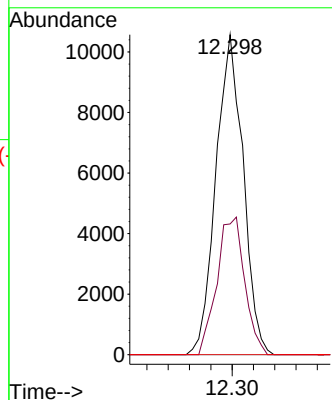
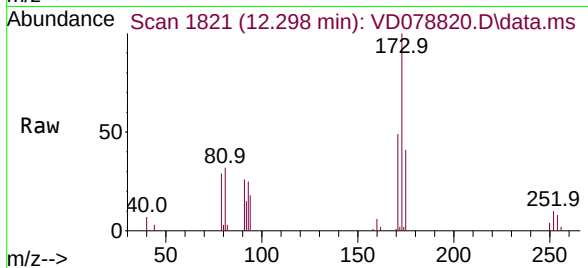
Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	18765
Ion Ratio	Lower	Upper
173	100	
175	43.8	25.8 77.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

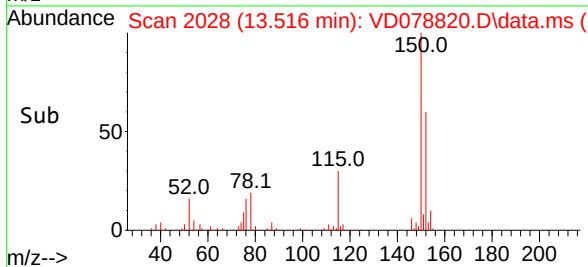
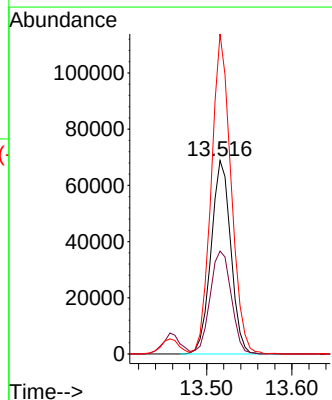
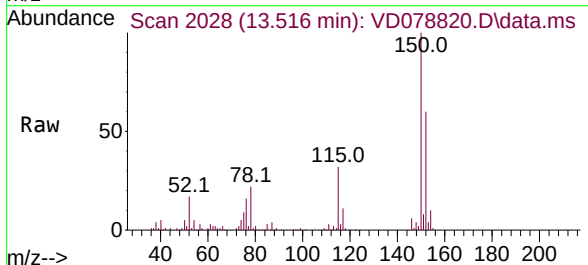
RT: 13.516 min Scan# 2028

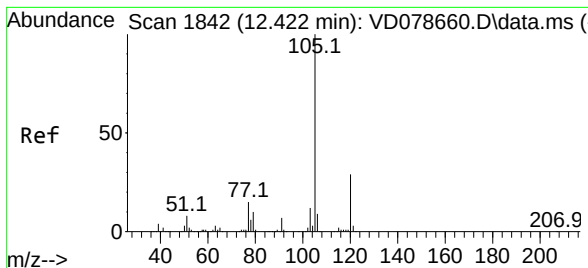
Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Tgt Ion:152	Resp:	110891
Ion Ratio	Lower	Upper
152	100	
115	57.1	27.1 81.2
150	165.9	0.0 350.2





#73

Isopropylbenzene

Concen: 19.37 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

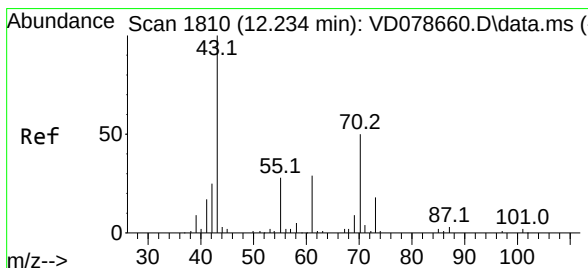
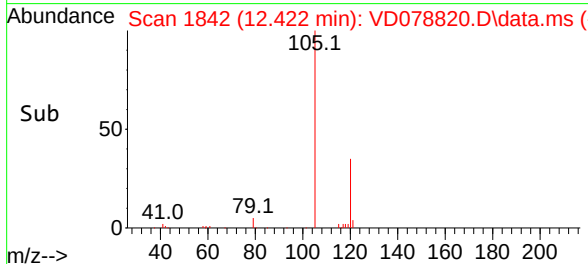
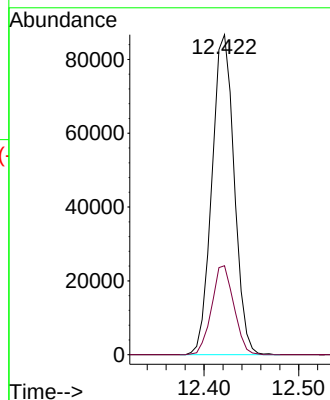
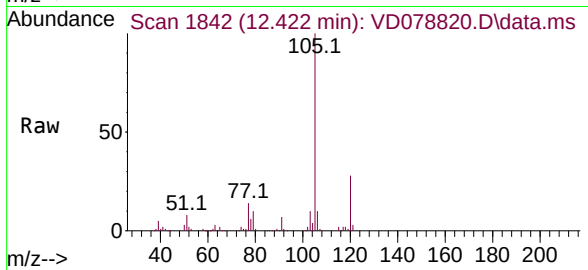
ClientSampleId :

Tgt Ion:105 Resp: 141429

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.0



#74

N-ethyl acetate

Concen: 23.55 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Tgt Ion: 43 Resp: 27913

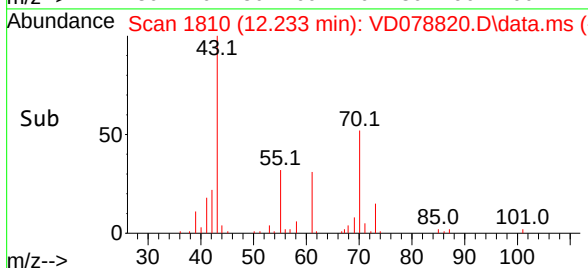
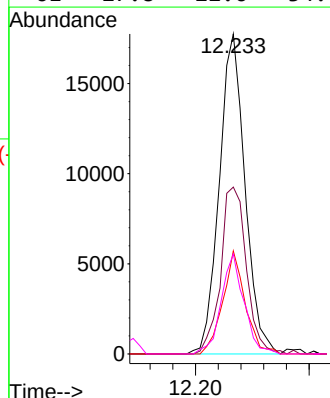
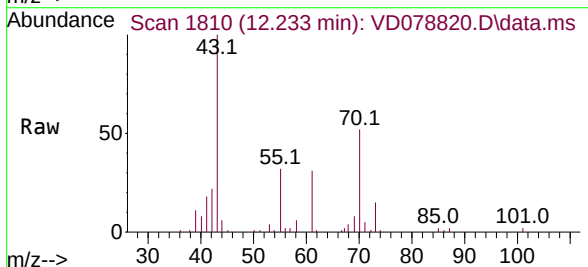
Ion Ratio Lower Upper

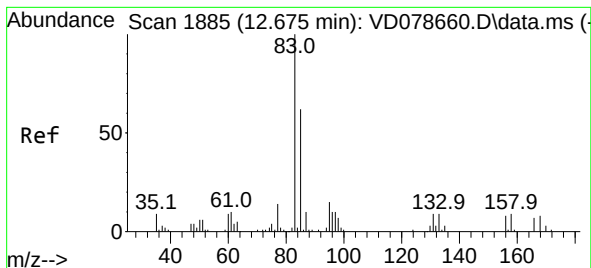
43 100

70 52.5 42.1 63.1

55 28.1 22.6 33.8

61 27.8 22.6 34.0

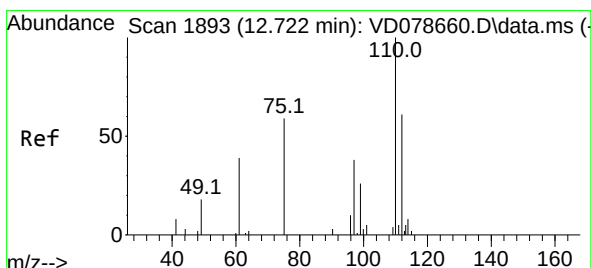
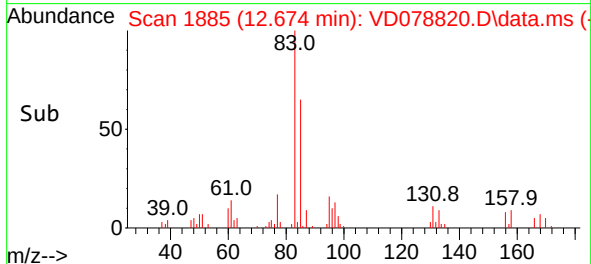
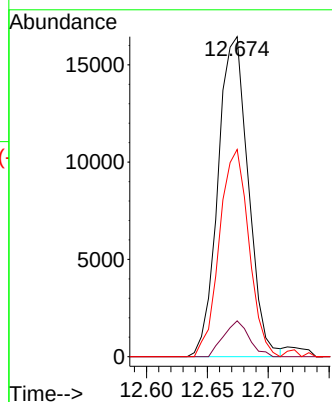
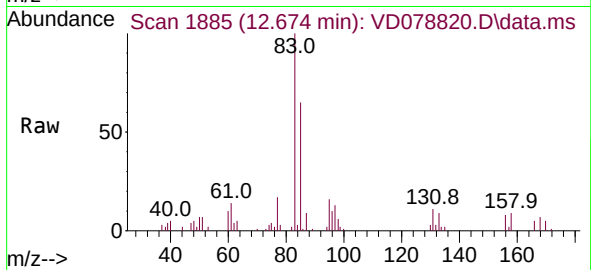




#75
1,1,2,2-Tetrachloroethane
Concen: 21.06 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

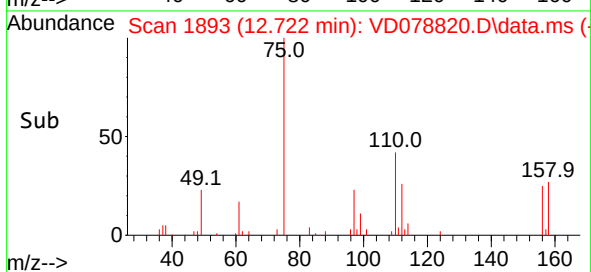
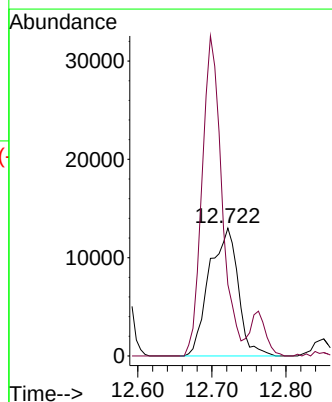
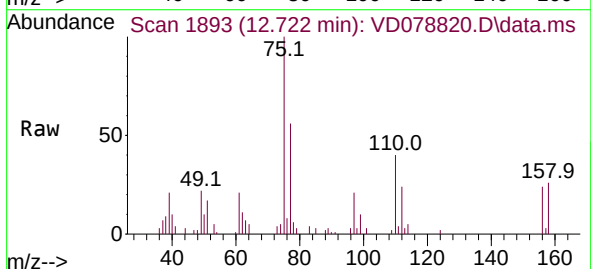
Instrument :
MSVOA_D
ClientSampleId :

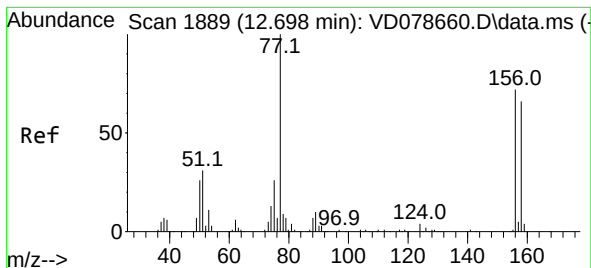
Tgt Ion: 83 Resp: 28468
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 62.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 41.29 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 75 Resp: 35273
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.82 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078820.D

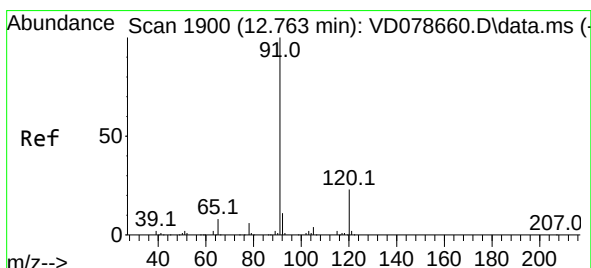
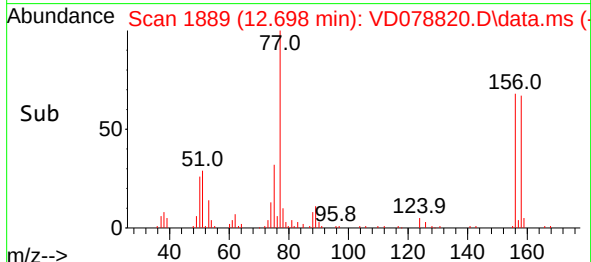
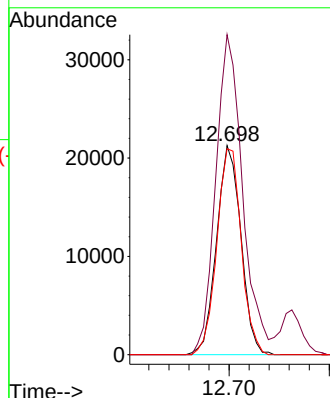
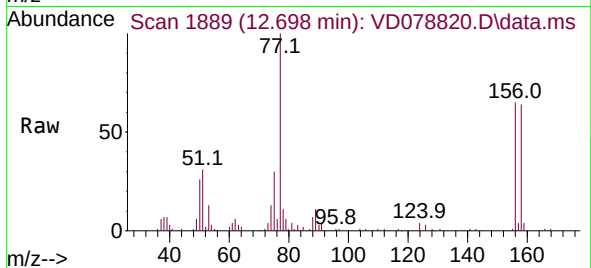
Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	35896
Ion Ratio	Lower	Upper	
156	100		
77	168.1	79.1	237.3
158	98.8	47.0	141.0



#78

n-propylbenzene

Concen: 20.10 ug/l

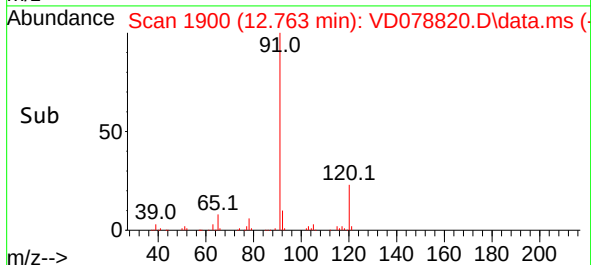
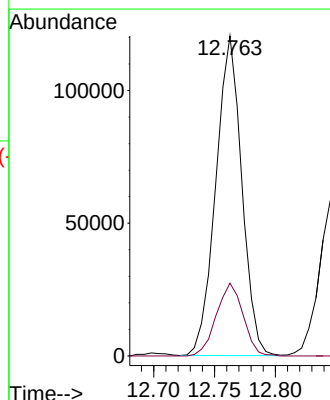
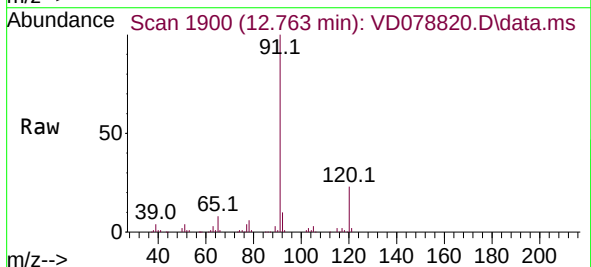
RT: 12.763 min Scan# 1900

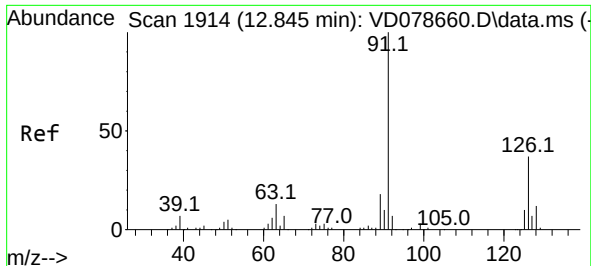
Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Tgt Ion:	91	Resp:	178619
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.1

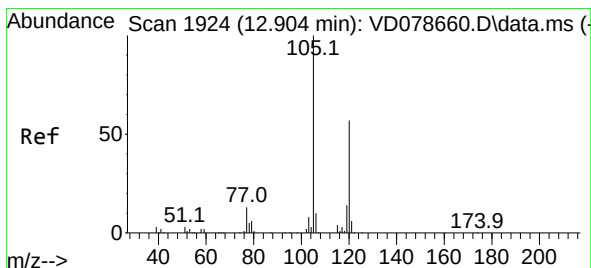
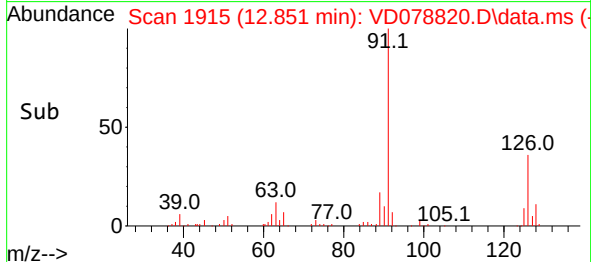
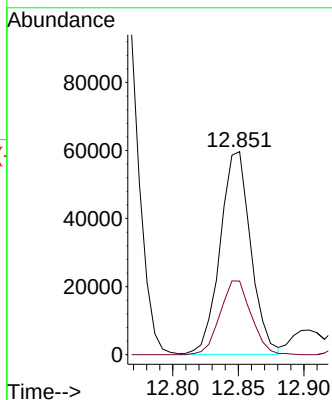
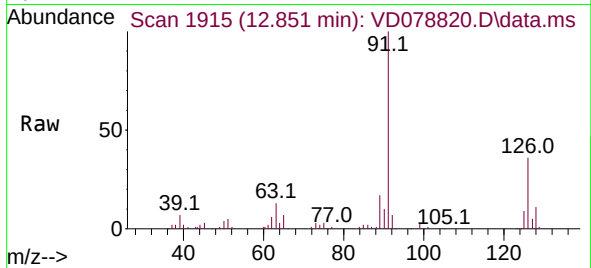




#79
2-Chlorotoluene
Concen: 19.89 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.005 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

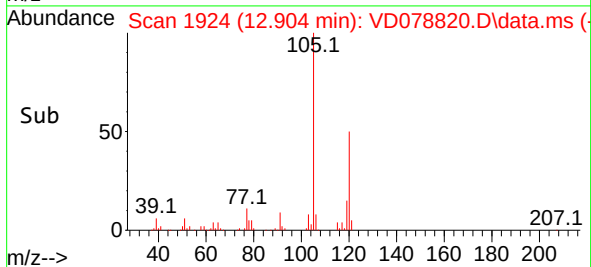
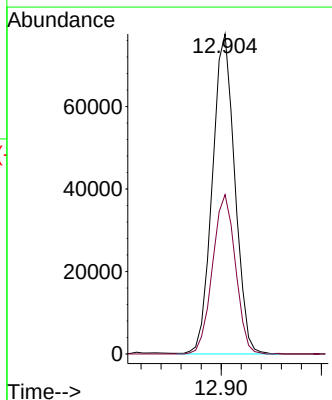
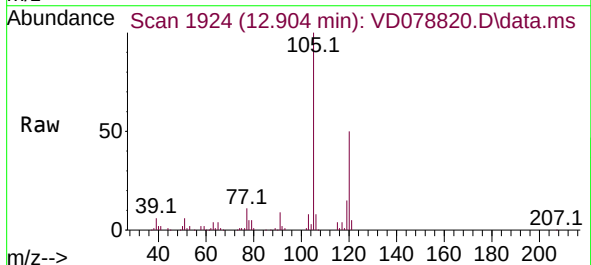
Instrument :
MSVOA_D
ClientSampleId :

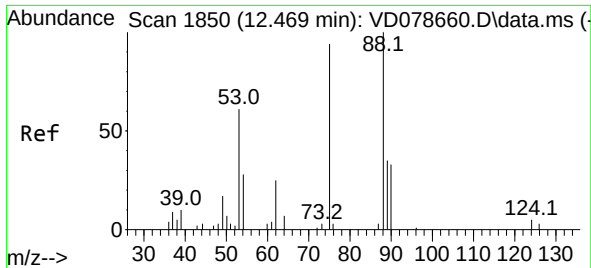
Tgt Ion: 91 Resp: 96959
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.97 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 105 Resp: 120599
Ion Ratio Lower Upper
105 100
120 50.7 25.9 77.7

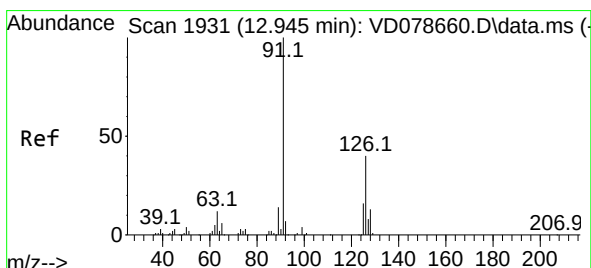
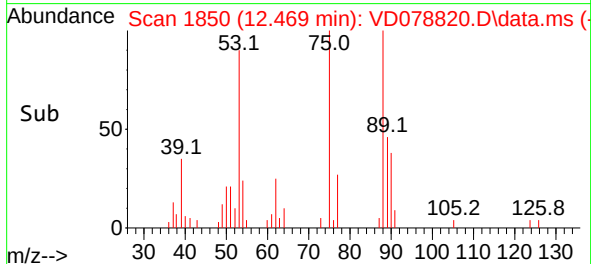
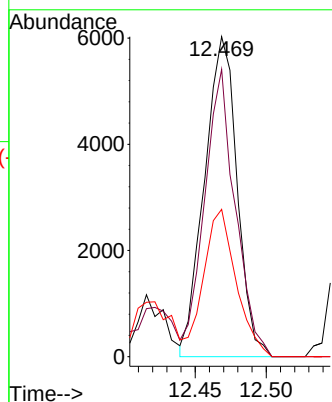
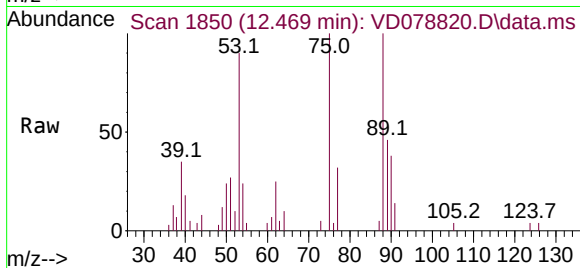




#81
trans-1,4-Dichloro-2-butene
Concen: 23.59 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

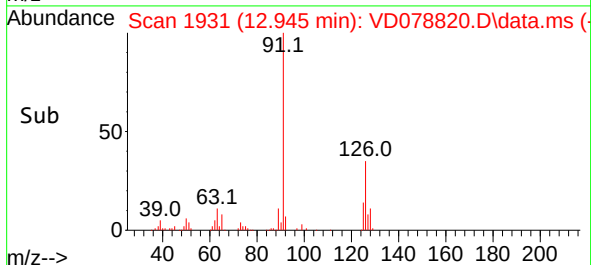
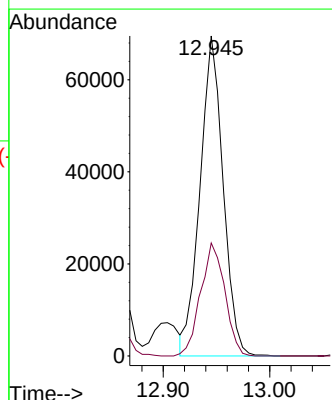
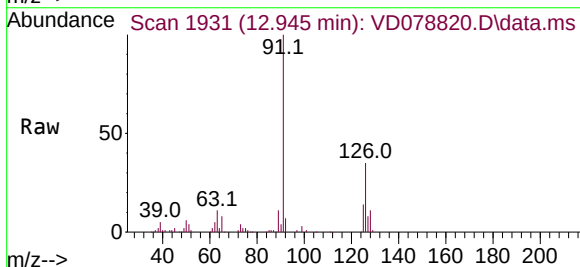
Instrument :
MSVOA_D
ClientSampleId :

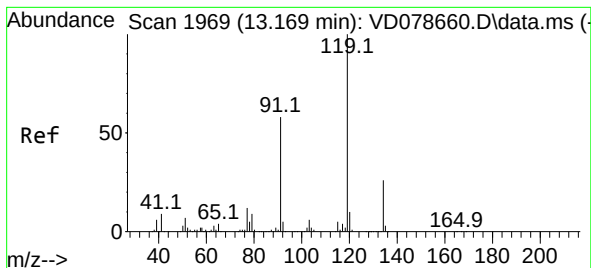
Tgt Ion: 75 Resp: 9616
Ion Ratio Lower Upper
75 100
53 84.9 61.0 91.6
89 46.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.31 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 91 Resp: 104735
Ion Ratio Lower Upper
91 100
126 37.0 18.9 56.5





#83

tert-Butylbenzene

Concen: 20.18 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

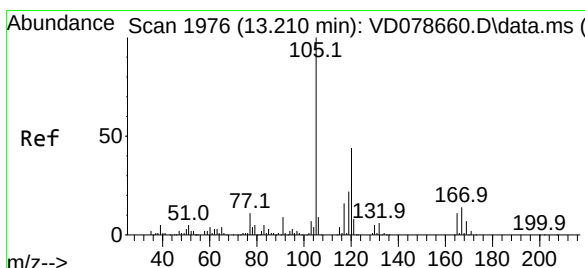
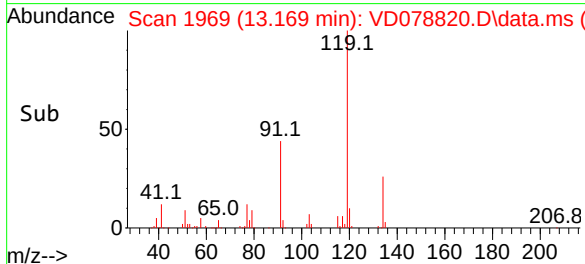
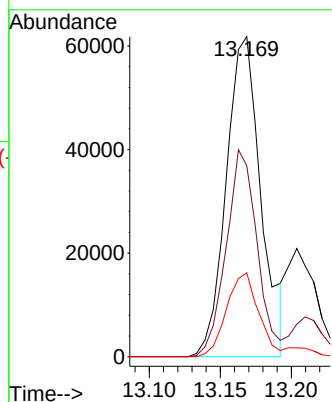
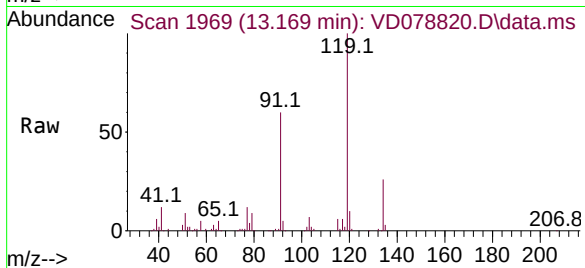
Tgt Ion:119 Resp: 105038

Ion Ratio Lower Upper

119 100

91 57.7 28.9 86.7

134 24.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.12 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078820.D

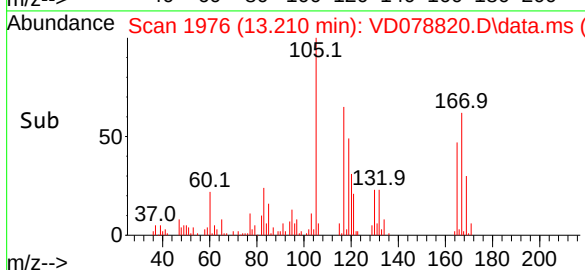
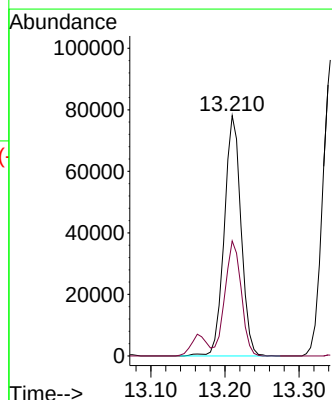
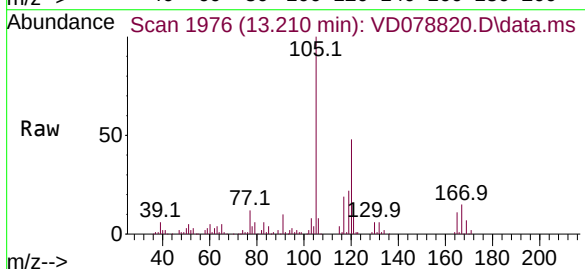
Acq: 16 Apr 2024 13:37

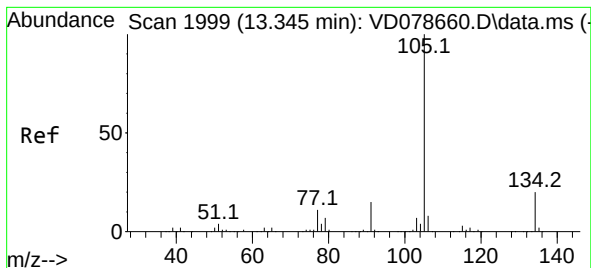
Tgt Ion:105 Resp: 122416

Ion Ratio Lower Upper

105 100

120 46.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.09 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

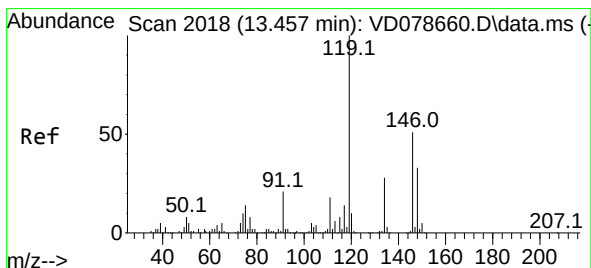
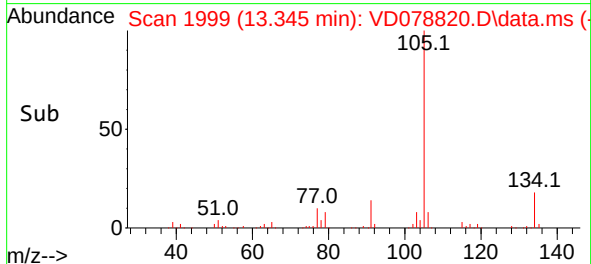
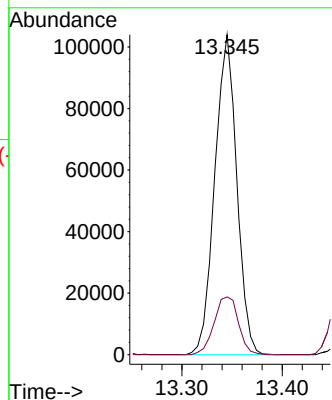
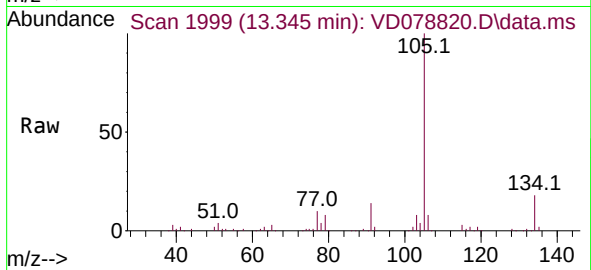
ClientSampleId :

Tgt Ion:105 Resp: 158244

Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.82 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

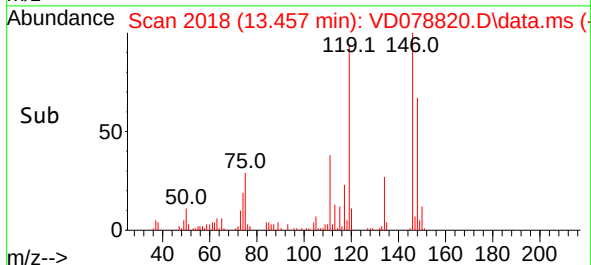
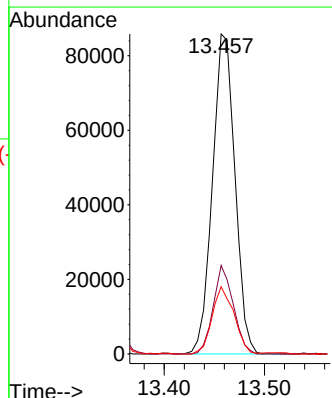
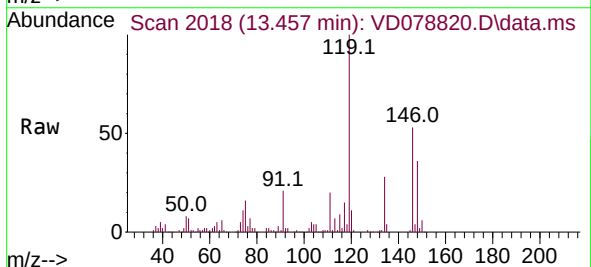
Tgt Ion:119 Resp: 133696

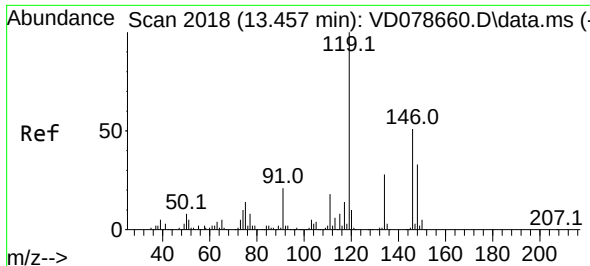
Ion Ratio Lower Upper

119 100

134 24.6 13.5 40.5

91 20.5 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 19.46 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

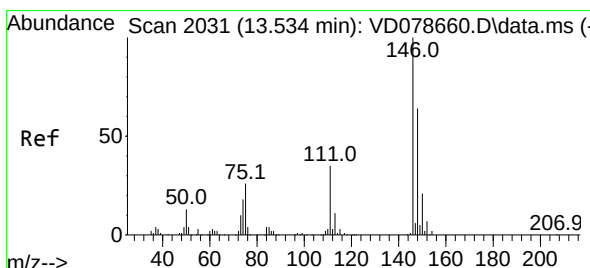
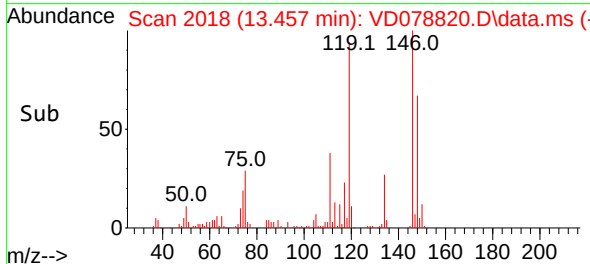
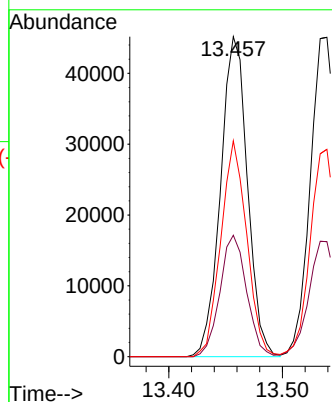
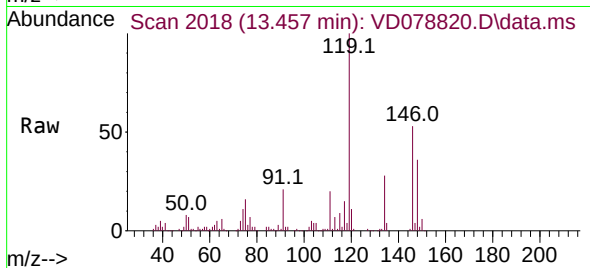
Tgt Ion:146 Resp: 74355

Ion Ratio Lower Upper

146 100

111 37.6 18.2 54.6

148 65.2 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 20.14 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.005 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

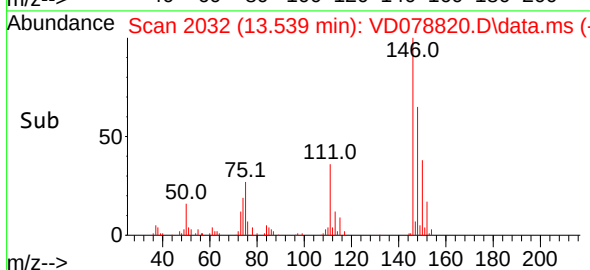
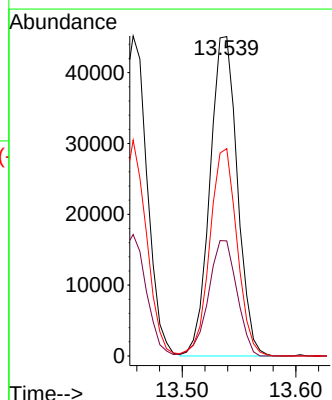
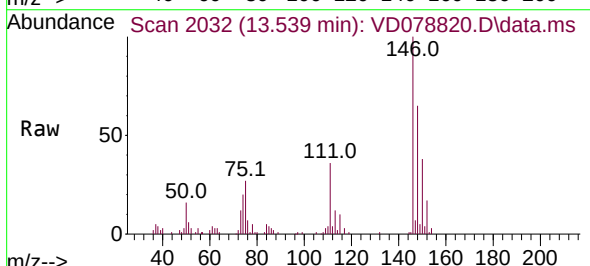
Tgt Ion:146 Resp: 75831

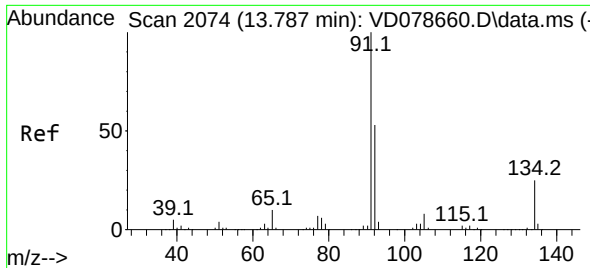
Ion Ratio Lower Upper

146 100

111 37.5 17.8 53.3

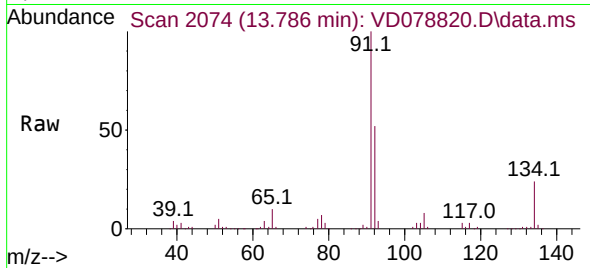
148 64.2 32.4 97.0



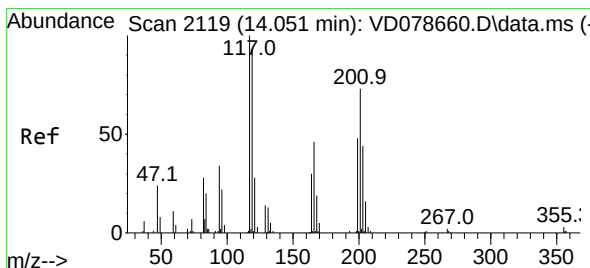
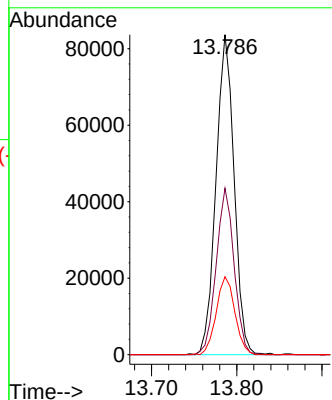
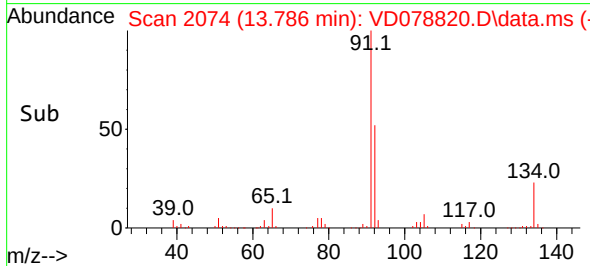


#89
n-Butylbenzene
Concen: 20.27 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

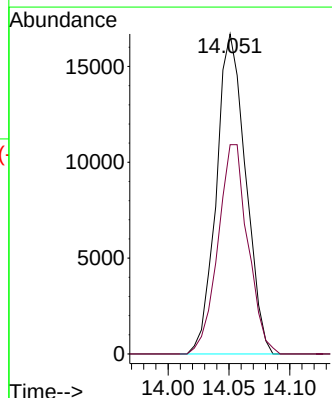
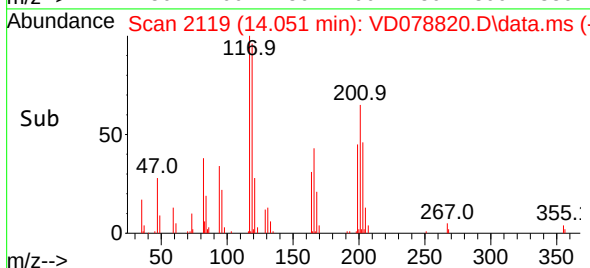
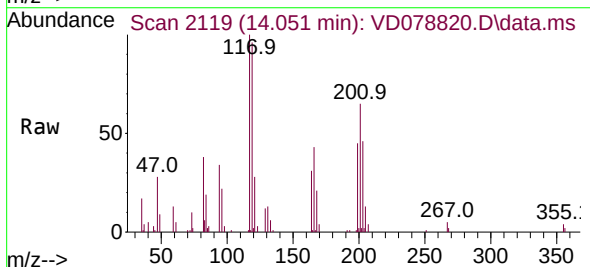


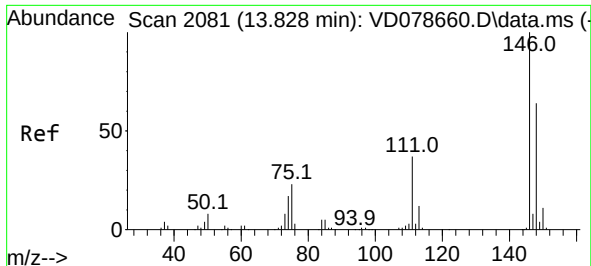
Tgt Ion: 91 Resp: 123457
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 25.2 13.0 38.9



#90
Hexachloroethane
Concen: 20.02 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion: 117 Resp: 27945
Ion Ratio Lower Upper
117 100
201 66.9 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 20.19 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. -0.000 min

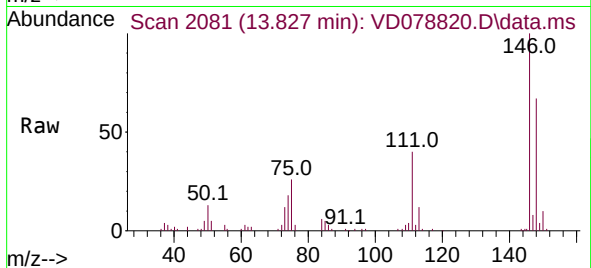
Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

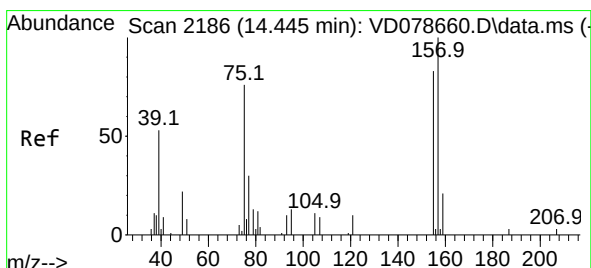
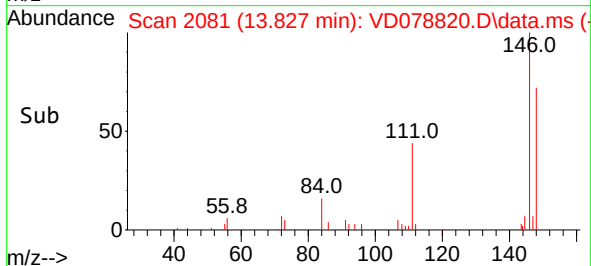
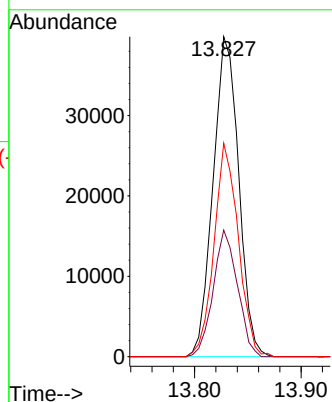
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	66455
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.6	56.0
148	63.3	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.46 ug/l

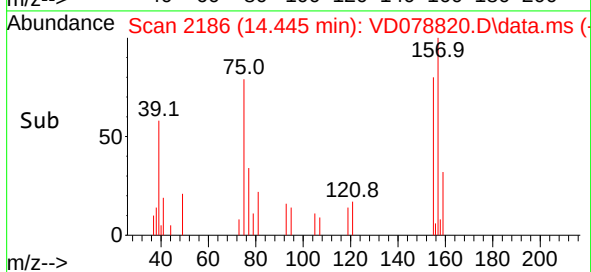
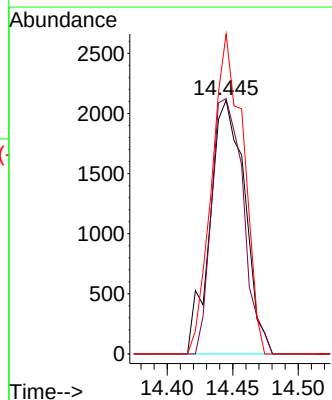
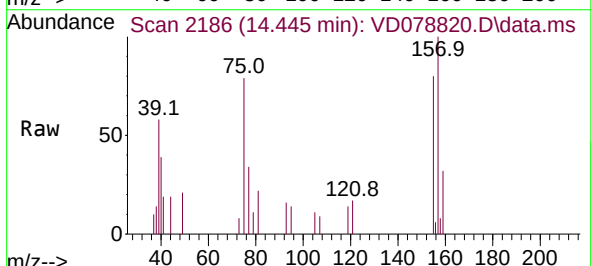
RT: 14.445 min Scan# 2186

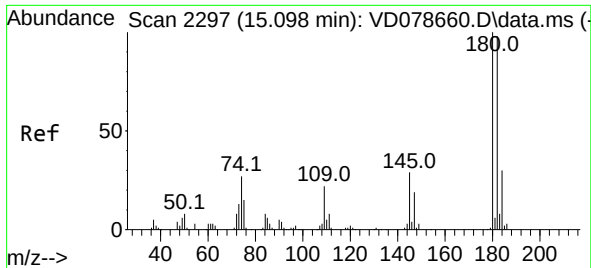
Delta R.T. -0.000 min

Lab File: VD078820.D

Acq: 16 Apr 2024 13:37

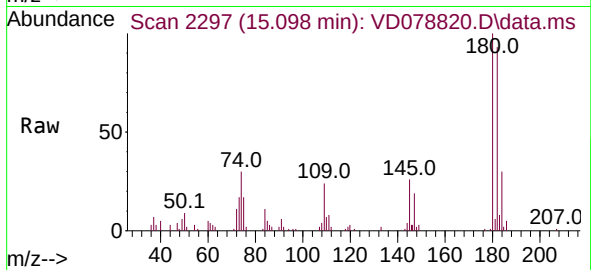
Tgt Ion:	75	Resp:	3880
Ion Ratio	Lower	Upper	
75	100		
155	92.2	49.8	149.3
157	114.4	65.5	196.3



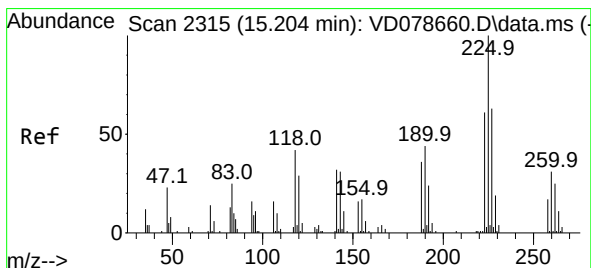
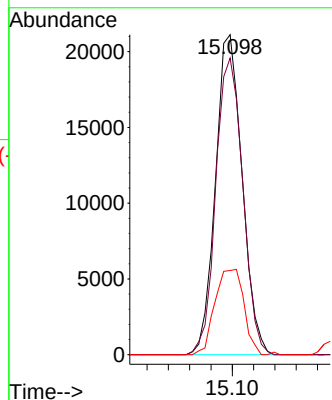
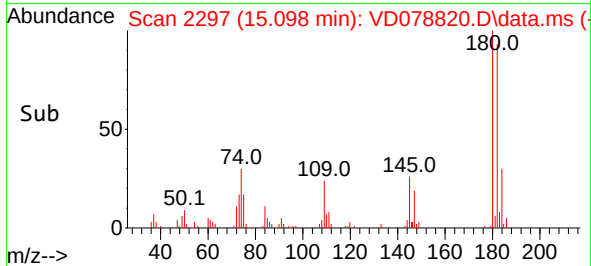


#93
 1,2,4-Trichlorobenzene
 Concen: 19.10 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078820.D
 Acq: 16 Apr 2024 13:37

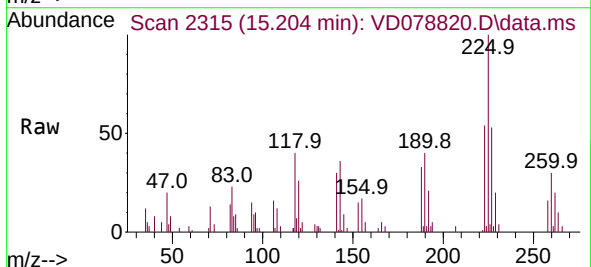
Instrument :
 MSVOA_D
 ClientSampleId :



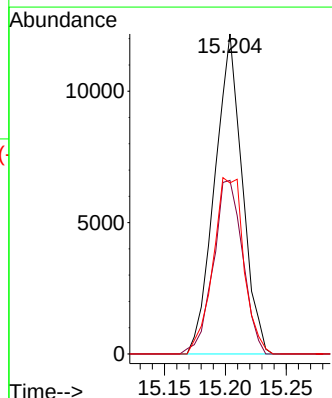
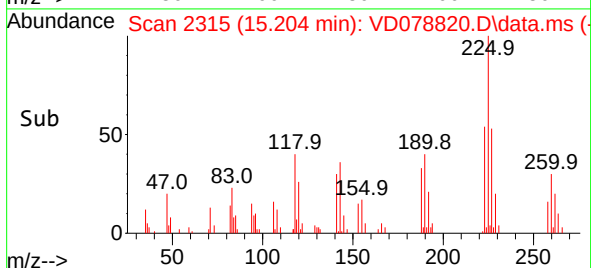
Tgt Ion:180 Resp: 36689
 Ion Ratio Lower Upper
 180 100
 182 93.7 49.7 149.1
 145 28.9 14.6 44.0

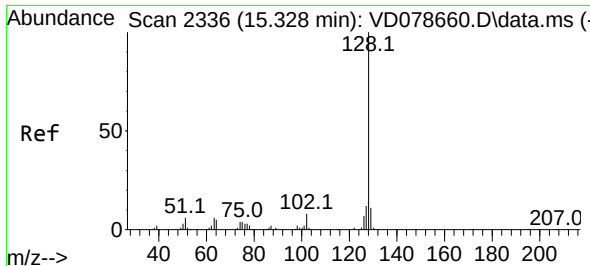


#94
 Hexachlorobutadiene
 Concen: 18.43 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078820.D
 Acq: 16 Apr 2024 13:37



Tgt Ion:225 Resp: 19162
 Ion Ratio Lower Upper
 225 100
 223 57.9 31.9 95.7
 227 61.6 32.0 96.0

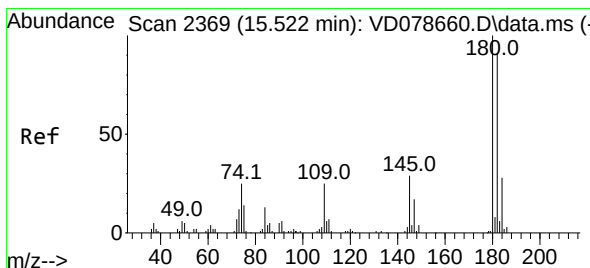
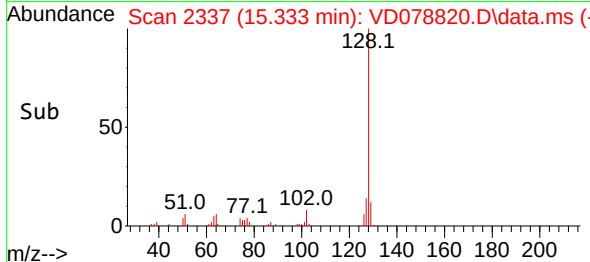
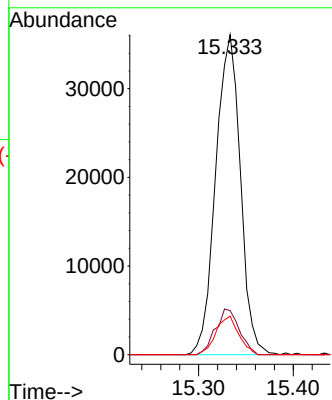
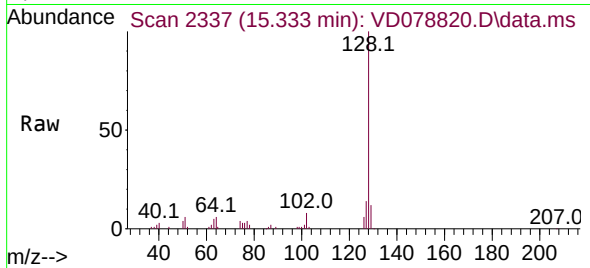




#95
Naphthalene
Concen: 19.56 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 65311
Ion Ratio Lower Upper
128 100
127 13.8 9.3 13.9
129 12.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.96 ug/l
RT: 15.515 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078820.D
Acq: 16 Apr 2024 13:37

Tgt Ion:180 Resp: 33161
Ion Ratio Lower Upper
180 100
182 93.7 46.7 140.1
145 30.0 14.4 43.4

