

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078819.D
 Acq On : 16 Apr 2024 12:38
 Operator : RP/MD
 Sample : VD0416SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:32:04 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	120388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58333	51.70	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	103.40%	
35) Dibromofluoromethane	7.804	113	62681	46.22	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	92.44%	
50) Toluene-d8	10.269	98	244001	48.92	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.569	95	67914	46.55	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	93.10%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	26384	23.55	ug/l	100
3) Chloromethane	2.152	50	41675	23.56	ug/l	100
4) Vinyl Chloride	2.281	62	58442	22.39	ug/l	96
5) Bromomethane	2.687	94	58722	23.50	ug/l	96
6) Chloroethane	2.840	64	50925	25.02	ug/l	97
7) Trichlorofluoromethane	3.175	101	50290	24.36	ug/l	90
8) Diethyl Ether	3.593	74	14612	24.24	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	30124	23.25	ug/l	98
10) Methyl Iodide	4.163	142	29123	19.00	ug/l	92
11) Tert butyl alcohol	5.046	59	6654	131.79	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	30266	24.57	ug/l	95
13) Acrolein	3.793	56	14162	179.05	ug/l	91
14) Allyl chloride	4.563	41	32573	23.70	ug/l	97
15) Acrylonitrile	5.258	53	28801	118.52	ug/l	98
16) Acetone	4.022	43	23077	105.78	ug/l	93
17) Carbon Disulfide	4.275	76	101681	25.18	ug/l	100
18) Methyl Acetate	4.569	43	11325	24.19	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	53982	21.73	ug/l	98
20) Methylene Chloride	4.805	84	37628	22.63	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	29617	20.38	ug/l	98
22) Diisopropyl ether	6.216	45	69632	22.28	ug/l	94
23) Vinyl Acetate	6.157	43	211818	115.88	ug/l	96
24) 1,1-Dichloroethane	6.110	63	50221	21.44	ug/l	98
25) 2-Butanone	7.081	43	31388	108.21	ug/l #	88
26) 2,2-Dichloropropane	7.069	77	40884	20.63	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	32752	19.76	ug/l	95
28) Bromochloromethane	7.428	49	20913	25.04	ug/l	94
29) Tetrahydrofuran	7.440	42	19993	126.73	ug/l	93
30) Chloroform	7.599	83	54394	20.82	ug/l	90
31) Cyclohexane	7.875	56	39795	20.99	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	44691	20.16	ug/l	99
36) 1,1-Dichloropropene	8.004	75	37072	18.84	ug/l	98
37) Ethyl Acetate	7.163	43	13147	20.45	ug/l	96
38) Carbon Tetrachloride	7.993	117	40149	19.36	ug/l #	82
39) Methylcyclohexane	9.269	83	44990	19.71	ug/l	92
40) Benzene	8.251	78	118798	19.97	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	6588	19.56	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	30390	20.95	ug/l	97
43) Isopropyl Acetate	8.357	43	26479	22.65	ug/l	98
44) Trichloroethene	9.028	130	29349	18.18	ug/l	99
45) 1,2-Dichloropropane	9.304	63	27837	19.73	ug/l	98
46) Dibromomethane	9.393	93	17642	20.86	ug/l	94
47) Bromodichloromethane	9.587	83	42411	21.06	ug/l	91
48) Methyl methacrylate	9.381	41	11695	20.53	ug/l #	92
49) 1,4-Dioxane	9.381	88	3445	439.92	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	70484	115.33	ug/l	95
52) Toluene	10.334	92	75827	19.80	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	35792	19.44	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	43185	19.51	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	22040	19.46	ug/l	93
56) Ethyl methacrylate	10.598	69	23050	20.30	ug/l	90
57) 1,3-Dichloropropane	10.875	76	36715	20.09	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	58332	116.51	ug/l	98
59) 2-Hexanone	10.922	43	50293	111.01	ug/l	97
60) Dibromochloromethane	11.069	129	29206	20.91	ug/l	98
61) 1,2-Dibromoethane	11.181	107	20657	18.85	ug/l	97
64) Tetrachloroethene	10.804	164	25418	19.06	ug/l	96
65) Chlorobenzene	11.604	112	87293	20.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	28240	18.31	ug/l	97
67) Ethyl Benzene	11.681	91	132387	18.45	ug/l	96
68) m/p-Xylenes	11.792	106	108312	37.16	ug/l	97
69) o-Xylene	12.122	106	49249	18.26	ug/l	95
70) Styrene	12.134	104	91551	20.23	ug/l	98
71) Bromoform	12.292	173	15627	18.75	ug/l #	100
73) Isopropylbenzene	12.422	105	126228	18.20	ug/l	97
74) N-amyl acetate	12.228	43	24794	22.02	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	25126	19.57	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	31511	38.83	ug/l #	100
77) Bromobenzene	12.698	156	32767	19.05	ug/l	97
78) n-propylbenzene	12.763	91	160526	19.02	ug/l	99
79) 2-Chlorotoluene	12.845	91	85638	18.49	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	107028	18.66	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	9280	23.97	ug/l	93
82) 4-Chlorotoluene	12.945	91	90852	18.55	ug/l	99
83) tert-Butylbenzene	13.163	119	92372	18.68	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	108078	18.70	ug/l	99
85) sec-Butylbenzene	13.345	105	140580	18.79	ug/l	98
86) p-Isopropyltoluene	13.457	119	118534	18.50	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	68845	18.97	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	67346	18.83	ug/l	98
89) n-Butylbenzene	13.786	91	107160	18.52	ug/l	99
90) Hexachloroethane	14.051	117	24820	18.72	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	58826	18.82	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3560	20.73	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	32477	17.80	ug/l	99
94) Hexachlorobutadiene	15.198	225	16945	17.16	ug/l	97
95) Naphthalene	15.328	128	58206	18.35	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	28867	18.29	ug/l	98

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ClientSampleId :

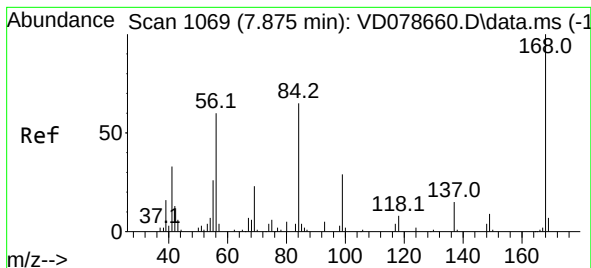
Quant Time: Apr 16 22:32:04 2024
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

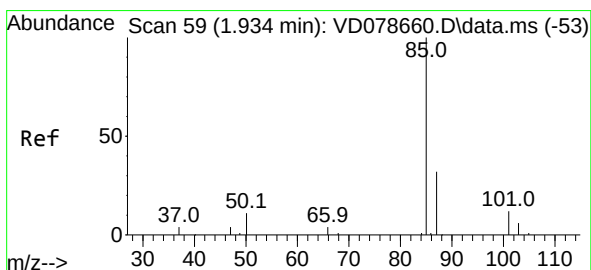
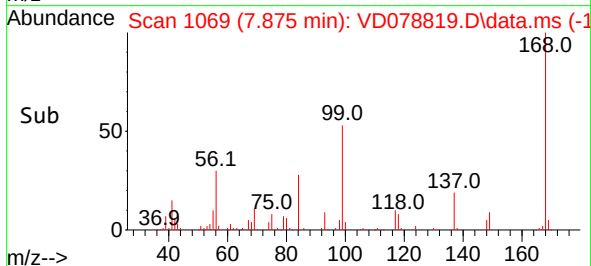
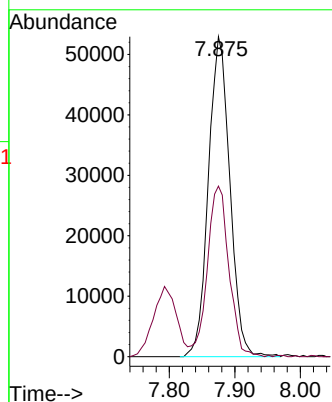
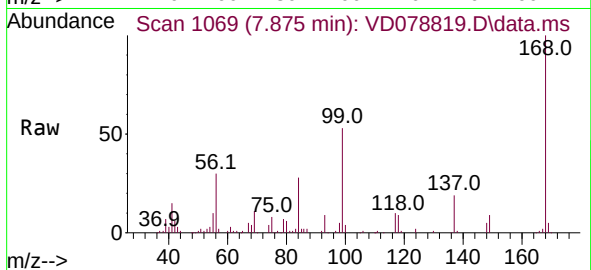
ClientSampleId :

Tgt Ion:168 Resp: 120388

Ion Ratio Lower Upper

168 100

99 52.9 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 23.55 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078819.D

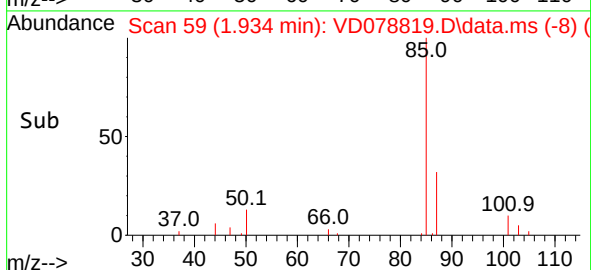
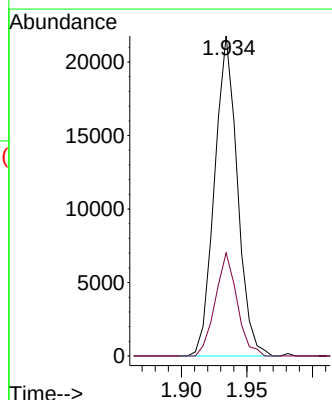
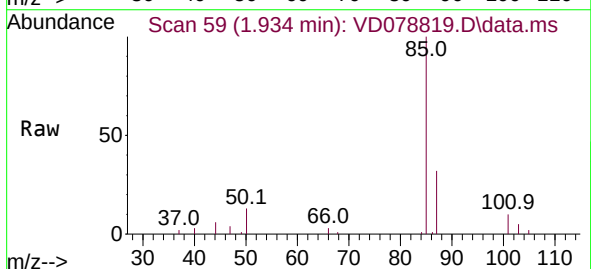
Acq: 16 Apr 2024 12:38

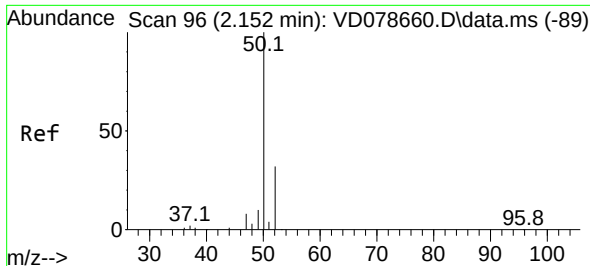
Tgt Ion: 85 Resp: 26384

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5

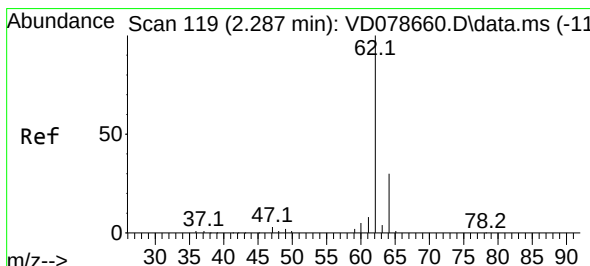
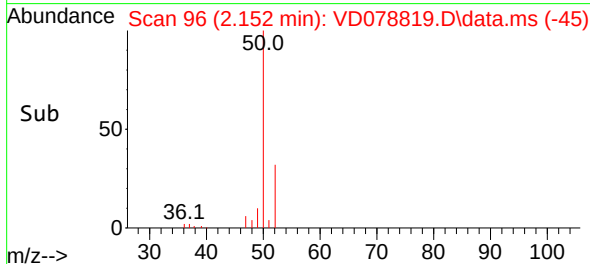
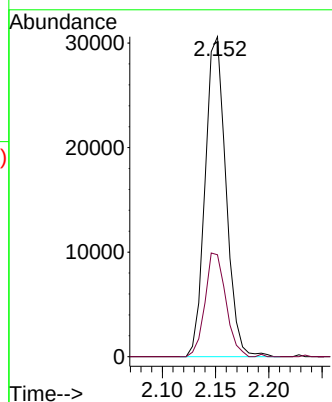
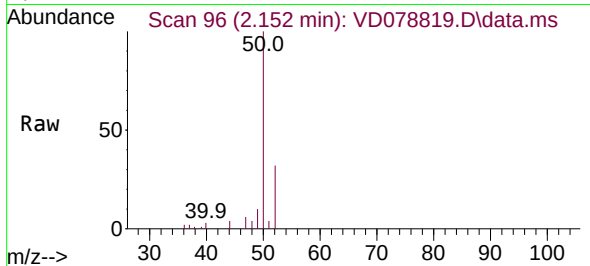




#3
Chloromethane
Concen: 23.56 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

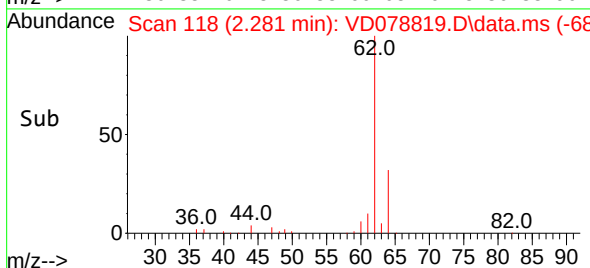
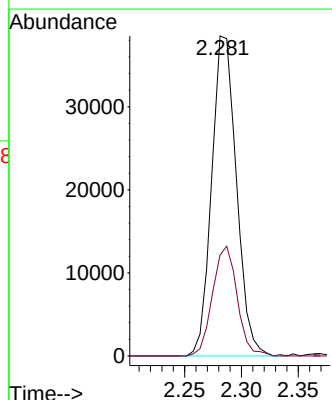
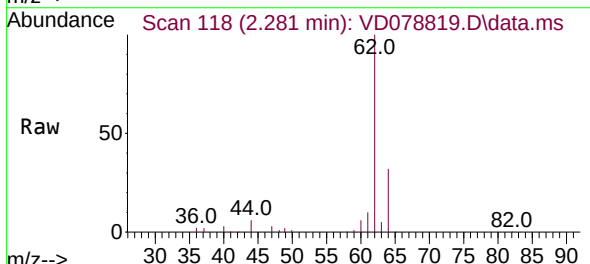
Instrument :
MSVOA_D
ClientSampleId :

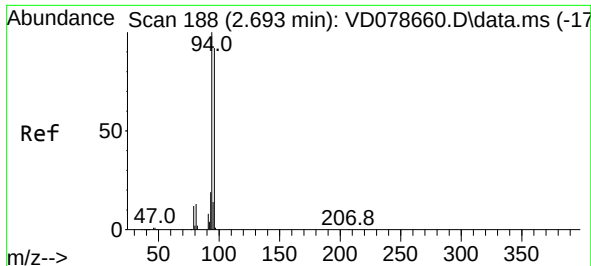
Tgt Ion: 50 Resp: 41675
Ion Ratio Lower Upper
50 100
52 31.9 25.6 38.4



#4
Vinyl Chloride
Concen: 22.39 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 62 Resp: 58442
Ion Ratio Lower Upper
62 100
64 31.5 23.7 35.5

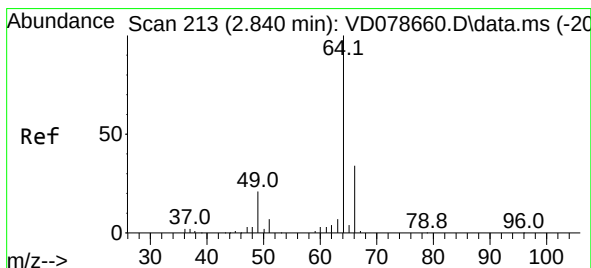
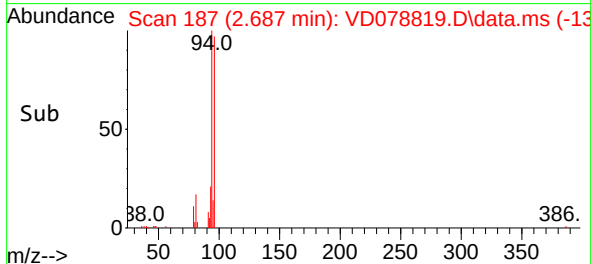
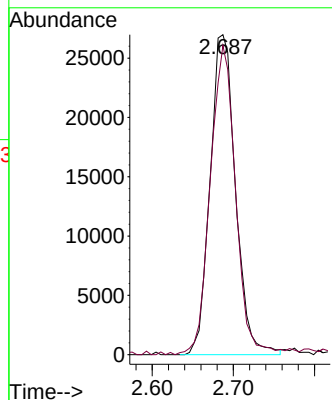
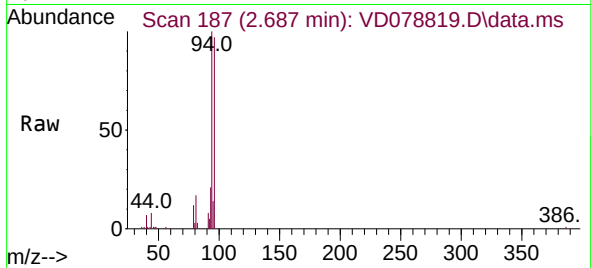




#5
Bromomethane
Concen: 23.50 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

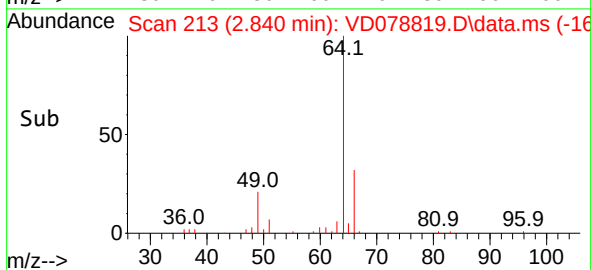
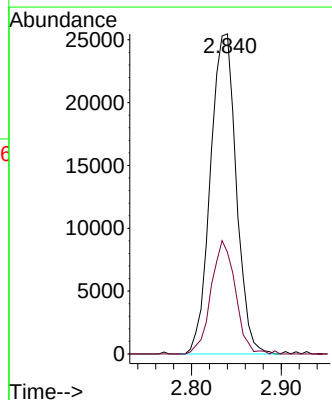
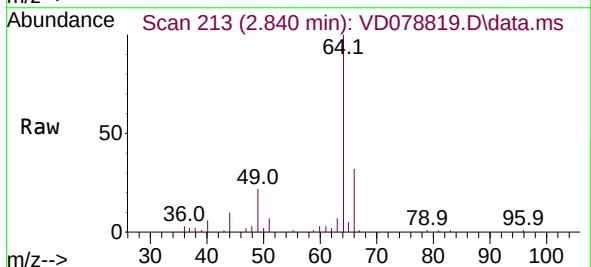
Instrument :
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ClientSampleId :

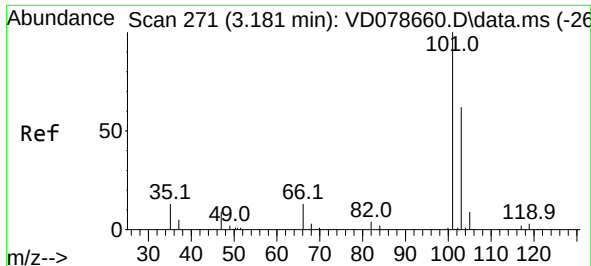
Tgt Ion: 94 Resp: 58722
Ion Ratio Lower Upper
94 100
96 96.2 73.5 110.3



#6
Chloroethane
Concen: 25.02 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

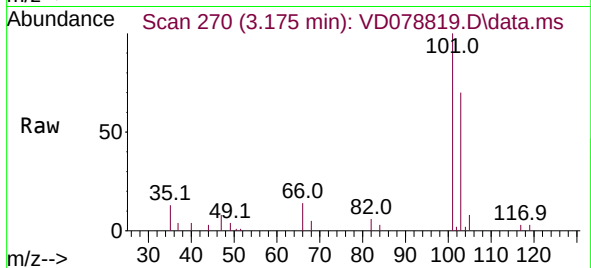
Tgt Ion: 64 Resp: 50925
Ion Ratio Lower Upper
64 100
66 31.8 26.8 40.2



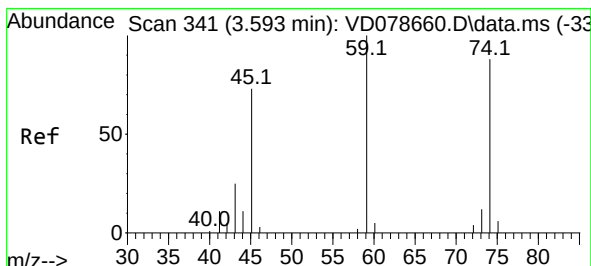
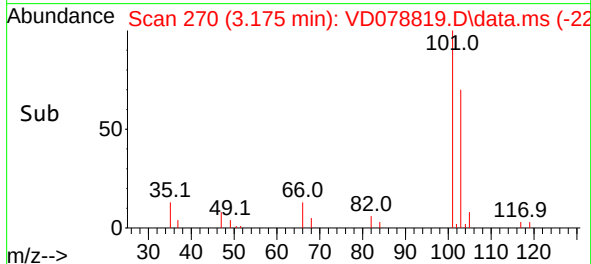
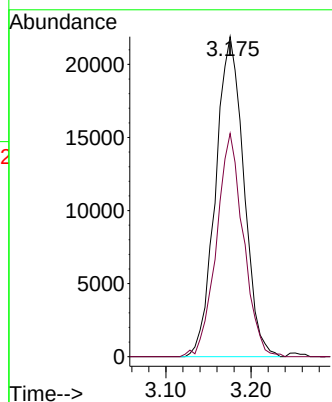


#7
 Trichlorofluoromethane
 Concen: 24.36 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

Instrument :
 MSVOA_D
 ClientSampleId :

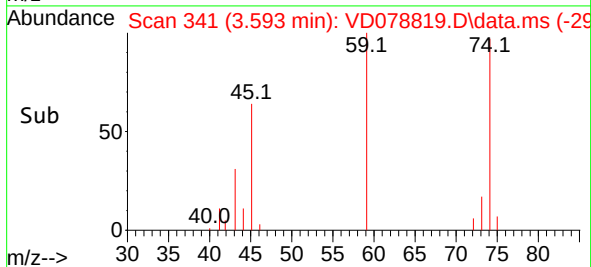
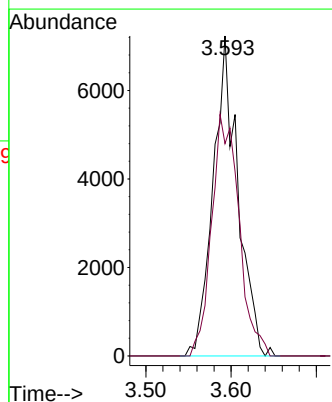
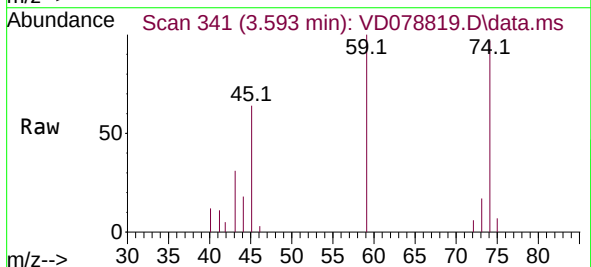


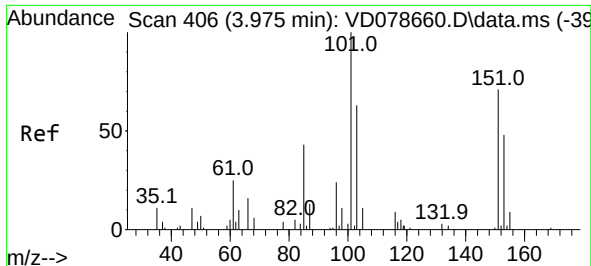
Tgt Ion:101 Resp: 50290
 Ion Ratio Lower Upper
 101 100
 103 69.7 49.7 74.5



#8
 Diethyl Ether
 Concen: 24.24 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

Tgt Ion: 74 Resp: 14612
 Ion Ratio Lower Upper
 74 100
 45 83.4 42.4 127.3

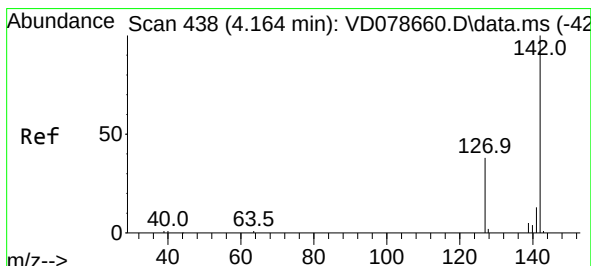
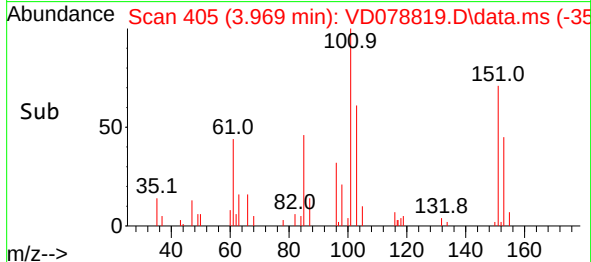
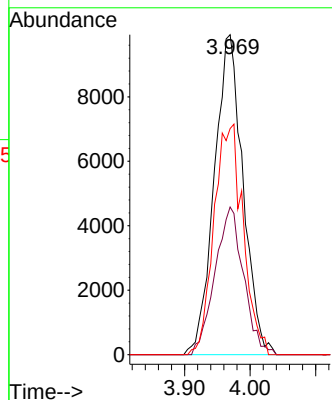
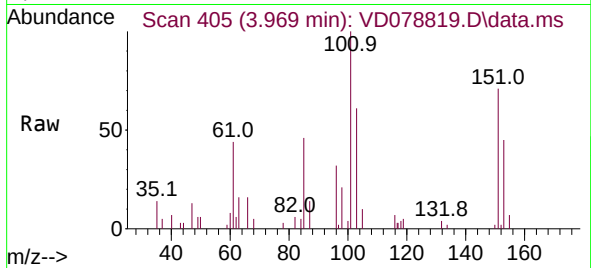




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.25 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078819.D
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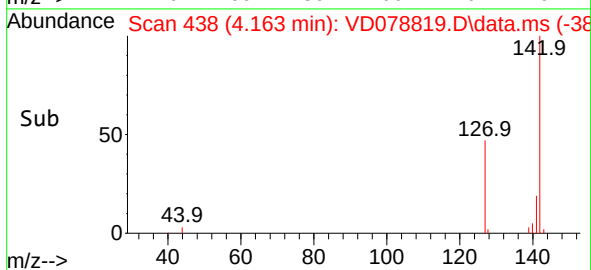
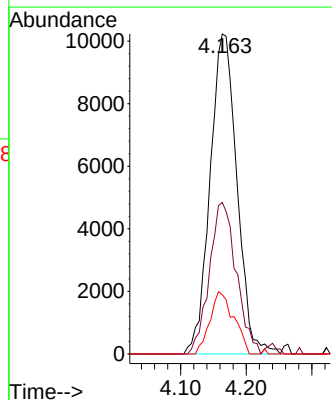
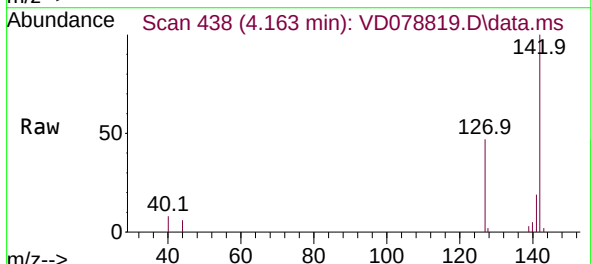
Instrument :
MSVOA_D
ClientSampleId :

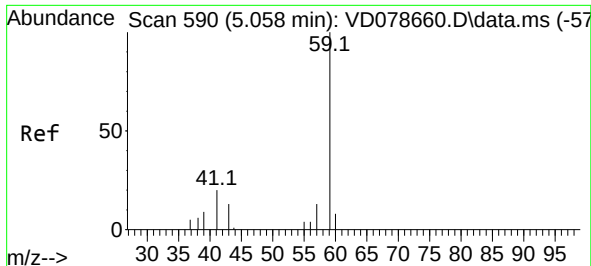
Tgt Ion:101 Resp: 30124
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 73.1 59.4 89.2



#10
Methyl Iodide
Concen: 19.00 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

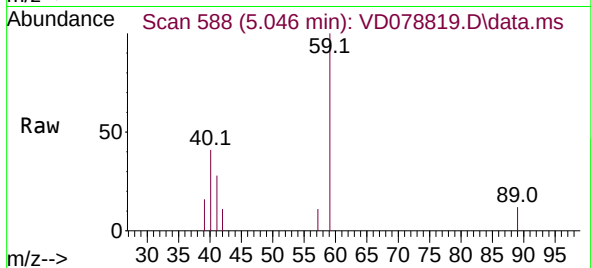
Tgt Ion:142 Resp: 29123
Ion Ratio Lower Upper
142 100
127 47.3 33.5 50.3
141 17.3 11.7 17.5



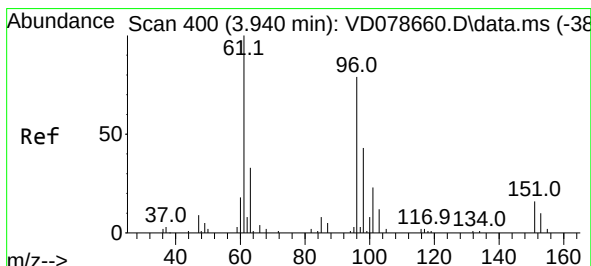
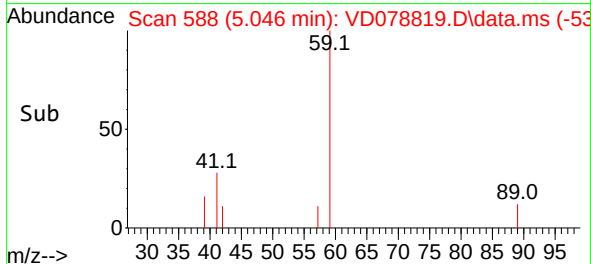
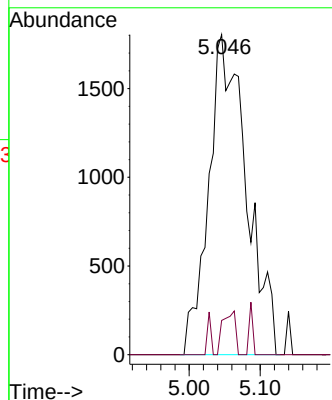


#11
Tert butyl alcohol
Concen: 131.79 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

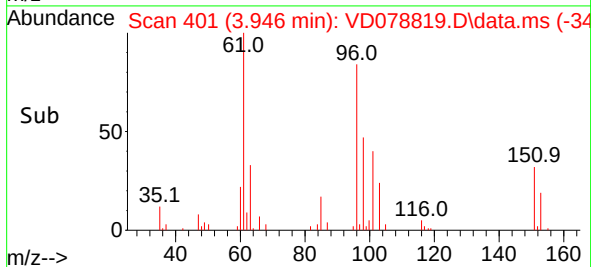
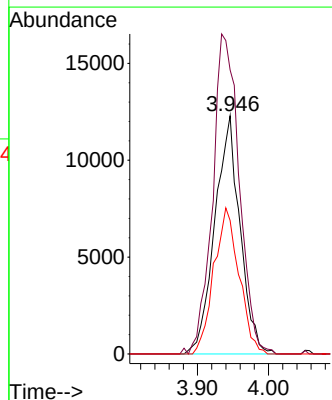
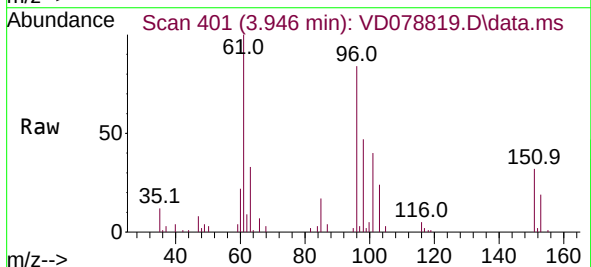


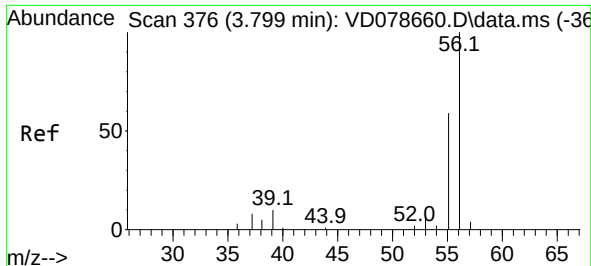
Tgt Ion: 59 Resp: 6654
Ion Ratio Lower Upper
59 100
57 4.6 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 24.57 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

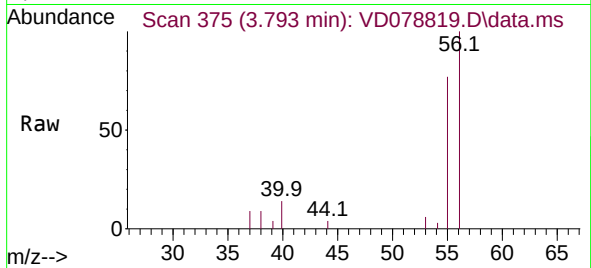
Tgt Ion: 96 Resp: 30266
Ion Ratio Lower Upper
96 100
61 119.2 101.4 152.0
98 56.0 43.4 65.0



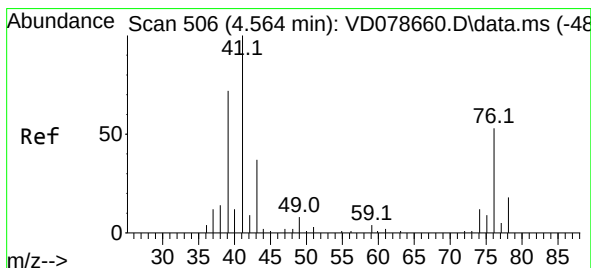
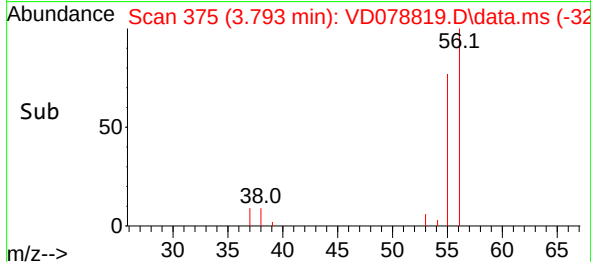
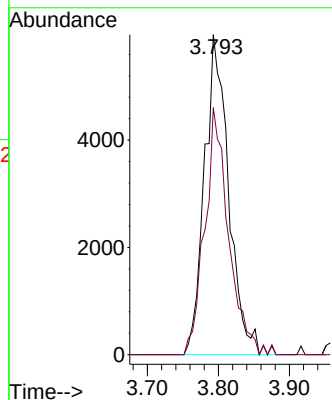


#13
Acrolein
Concen: 179.05 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

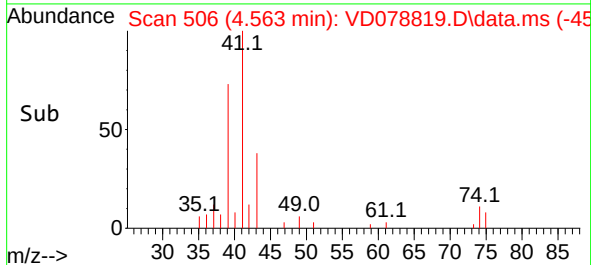
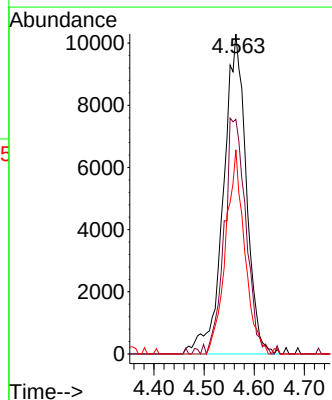
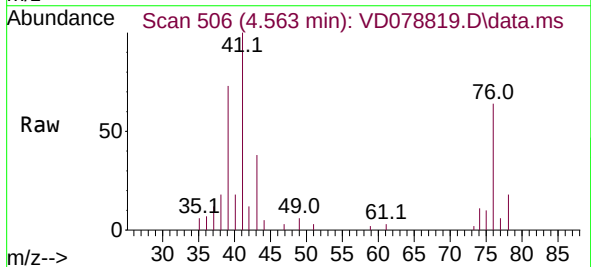


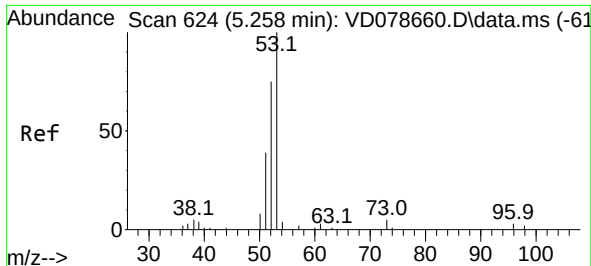
Tgt Ion: 56 Resp: 14162
Ion Ratio Lower Upper
56 100
55 75.9 54.9 82.3



#14
Allyl chloride
Concen: 23.70 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 41 Resp: 32573
Ion Ratio Lower Upper
41 100
39 70.1 57.8 86.6
76 53.0 44.8 67.2

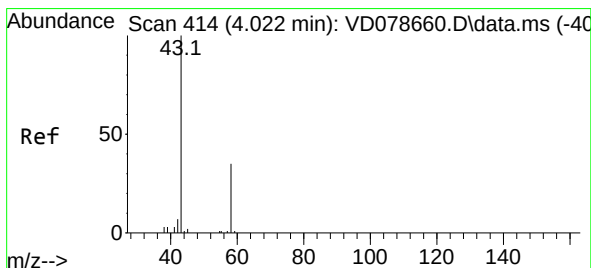
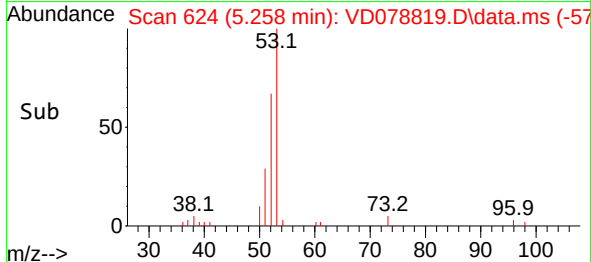
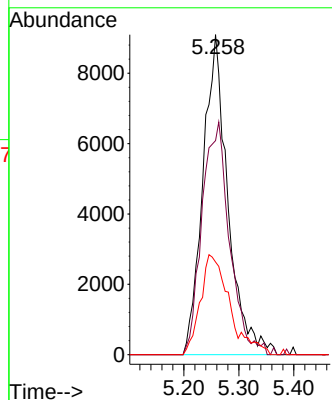
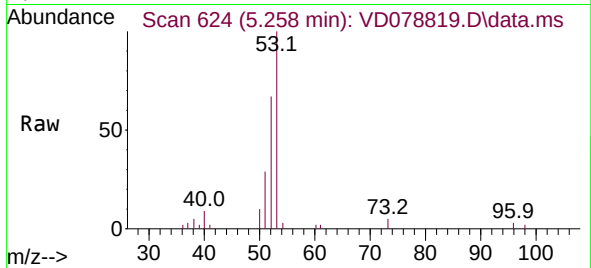




#15
Acrylonitrile
Concen: 118.52 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

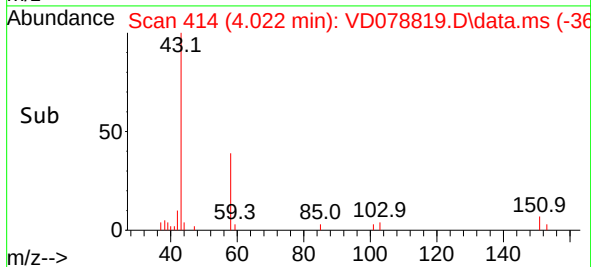
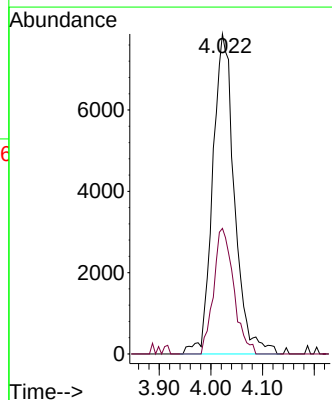
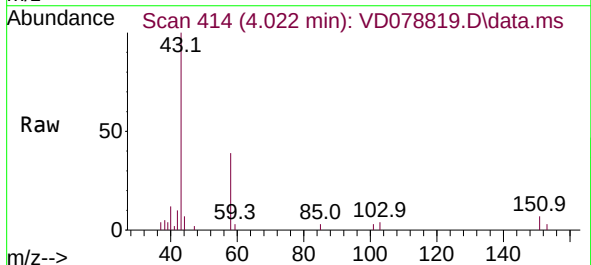
Instrument :
MSVOA_D
ClientSampleId :

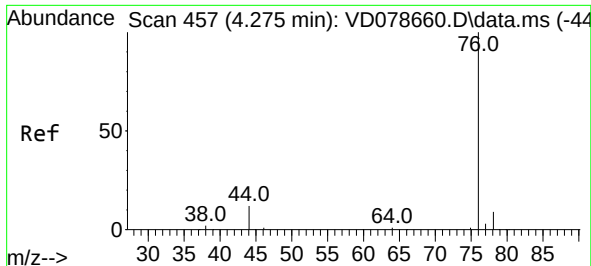
Tgt Ion:	53	Resp:	28801
Ion	Ratio	Lower	Upper
53	100		
52	79.8	61.9	92.9
51	36.6	29.0	43.4



#16
Acetone
Concen: 105.78 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

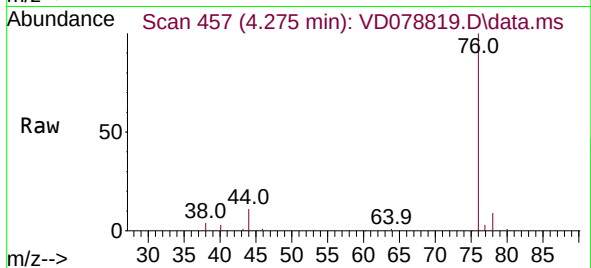
Tgt Ion:	43	Resp:	23077
Ion	Ratio	Lower	Upper
43	100		
58	39.3	28.2	42.4



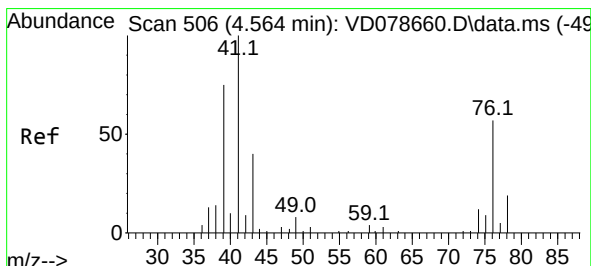
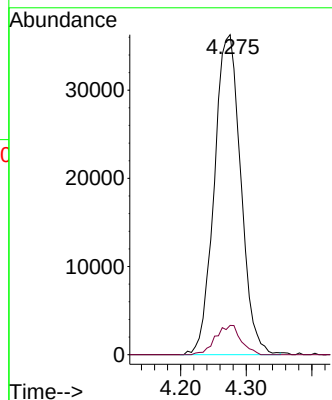
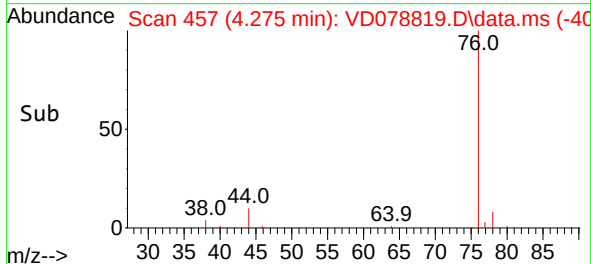


#17
Carbon Disulfide
Concen: 25.18 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

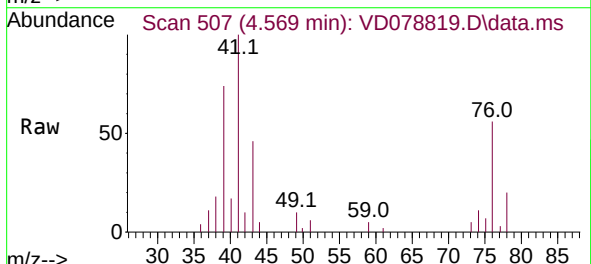
Instrument :
MSVOA_D
ClientSampleId :



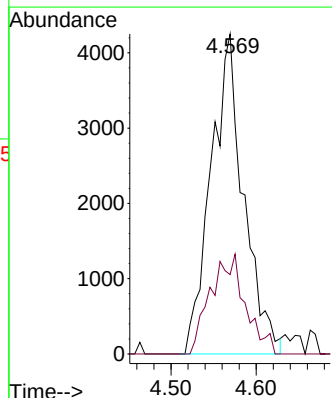
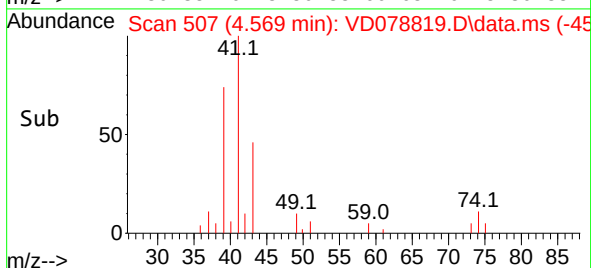
Tgt Ion: 76 Resp: 101681
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

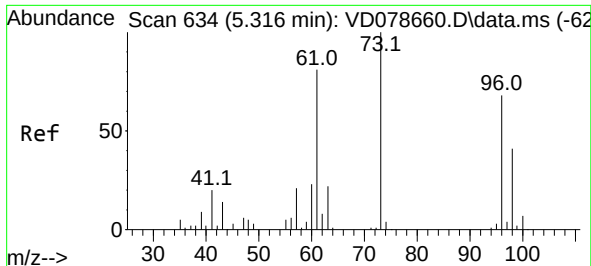


#18
Methyl Acetate
Concen: 24.19 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38



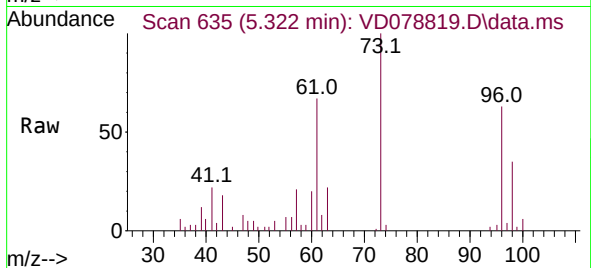
Tgt Ion: 43 Resp: 11325
Ion Ratio Lower Upper
43 100
74 33.2 25.3 37.9



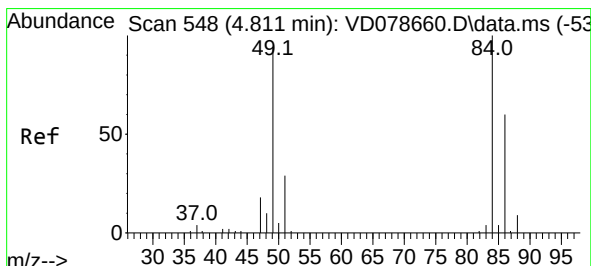
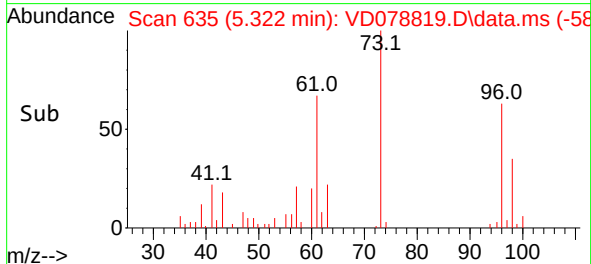
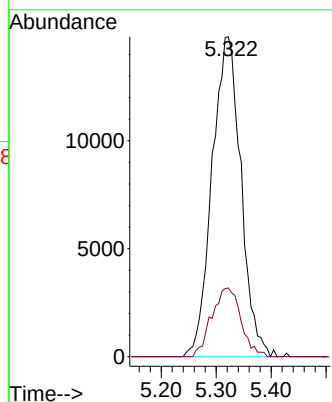


#19
Methyl tert-butyl Ether
Concen: 21.73 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

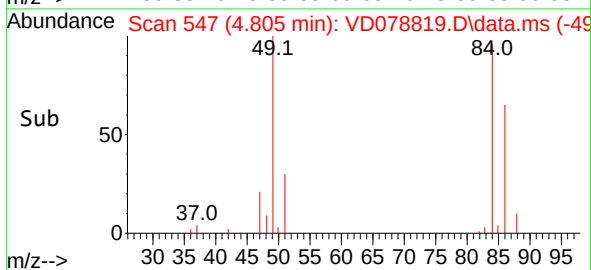
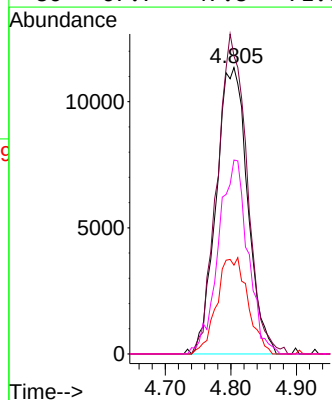
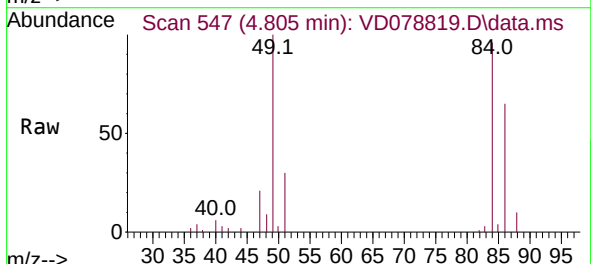


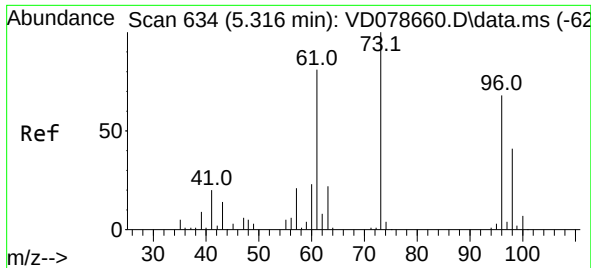
Tgt Ion: 73 Resp: 53982
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 22.63 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

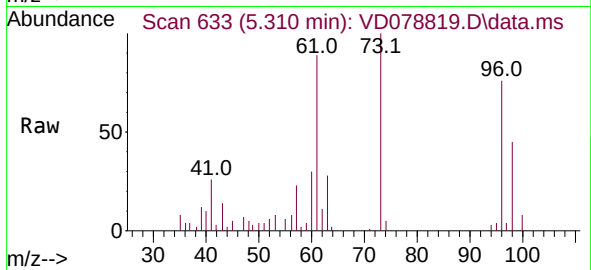
Tgt Ion: 84 Resp: 37628
Ion Ratio Lower Upper
84 100
49 104.0 75.6 113.4
51 31.0 23.4 35.0
86 67.7 47.8 71.6



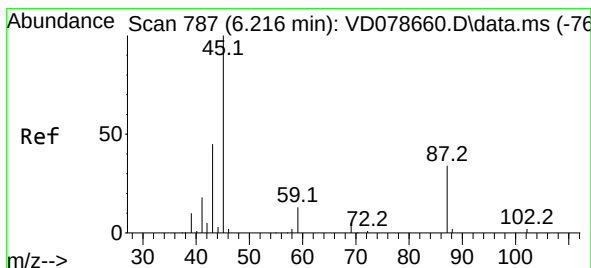
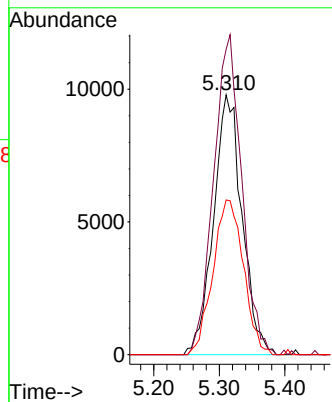
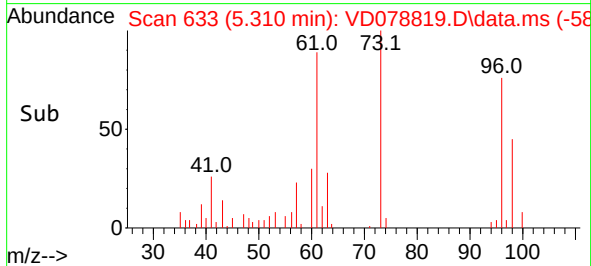


#21
trans-1,2-Dichloroethene
Concen: 20.38 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

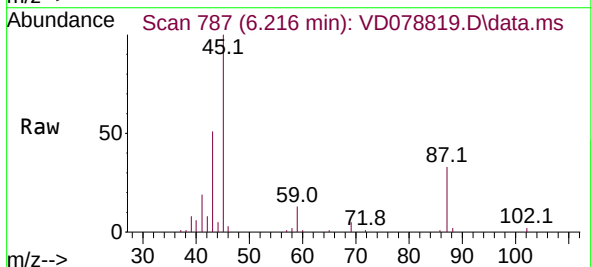
Instrument :
MSVOA_D
ClientSampleId :



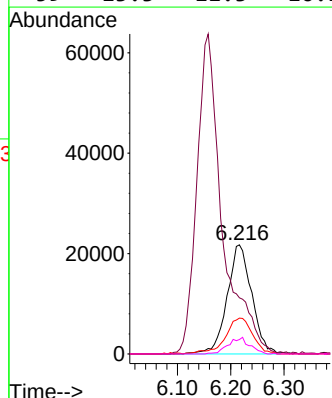
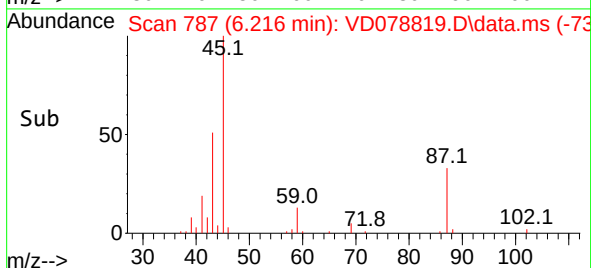
Tgt Ion:	96	Resp:	29617
Ion	Ratio	Lower	Upper
96	100		
61	117.5	96.1	144.1
98	59.5	48.9	73.3

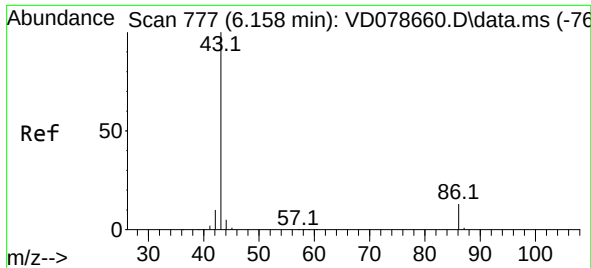


#22
Diisopropyl ether
Concen: 22.28 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38



Tgt Ion:	45	Resp:	69632
Ion	Ratio	Lower	Upper
45	100		
43	49.4	44.3	66.5
87	32.9	28.3	42.5
59	13.3	11.3	16.9

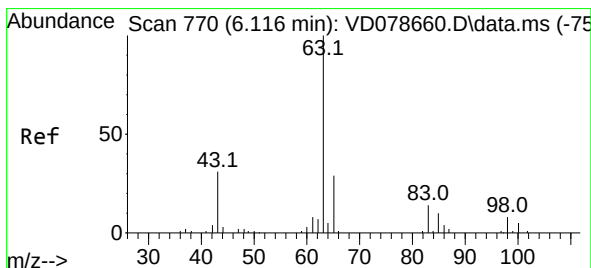
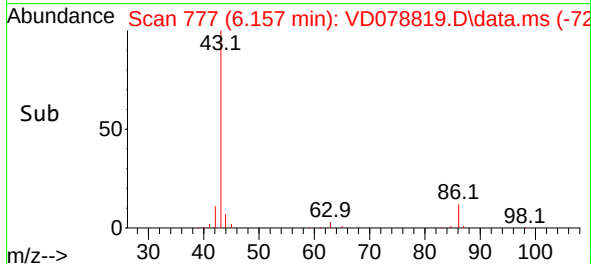
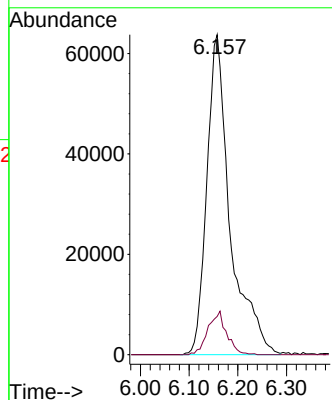
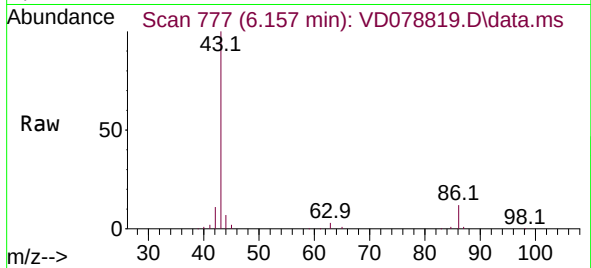




#23
 Vinyl Acetate
 Concen: 115.88 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

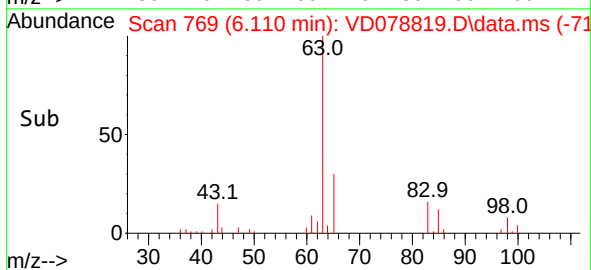
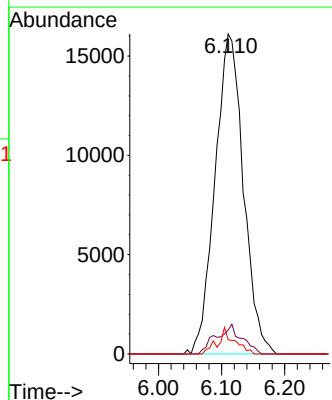
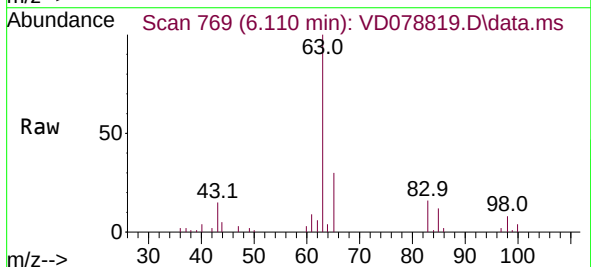
Instrument :
 MSVOA_D
 ClientSampleId :

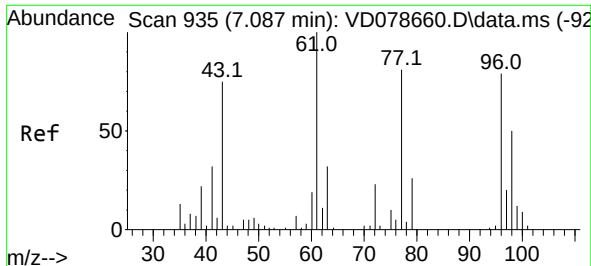
Tgt Ion: 43 Resp: 211818
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.44 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

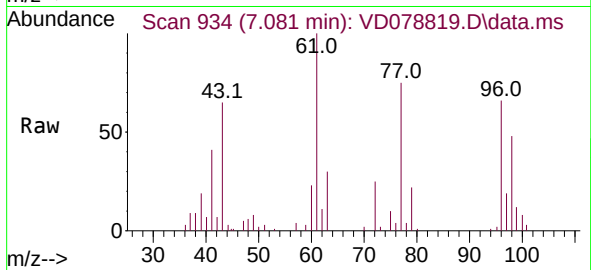
Tgt Ion: 63 Resp: 50221
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 4.4 2.7 8.1



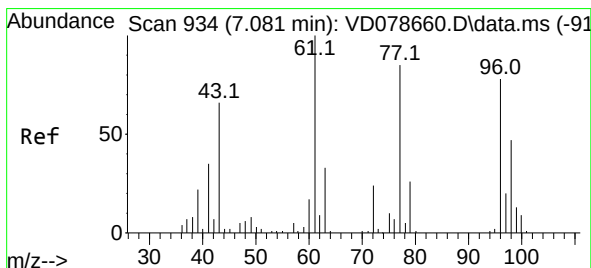
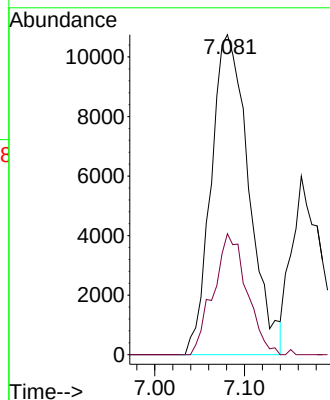
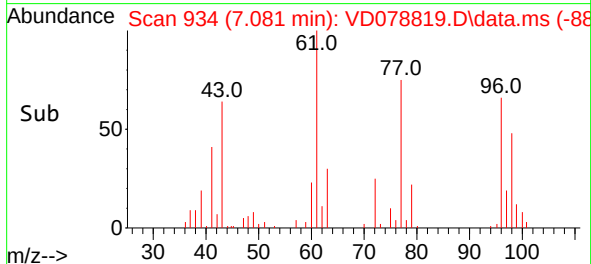


#25
2-Butanone
Concen: 108.21 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

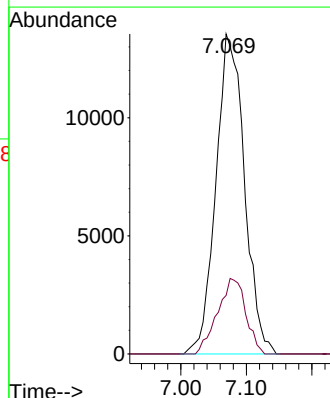
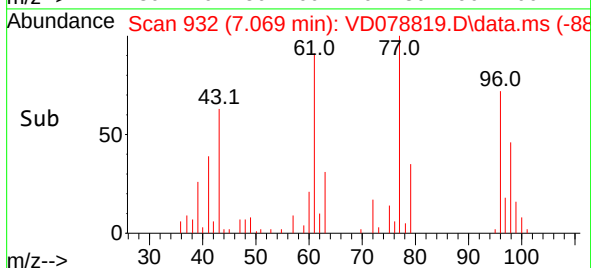
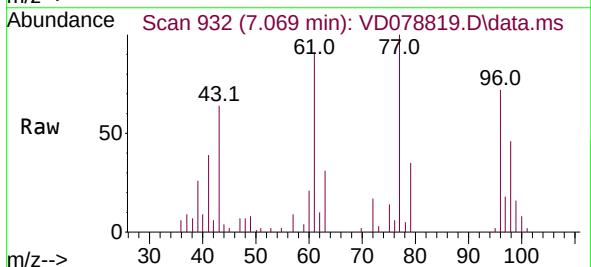


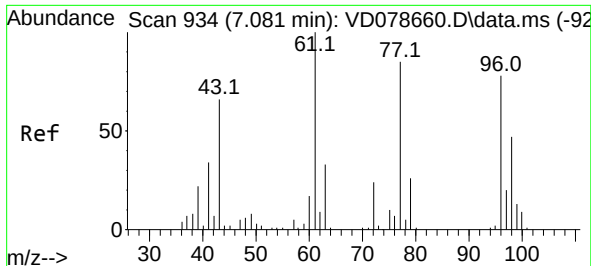
Tgt Ion: 43 Resp: 31388
Ion Ratio Lower Upper
43 100
72 37.8 25.0 37.6#



#26
2,2-Dichloropropane
Concen: 20.63 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 77 Resp: 40884
Ion Ratio Lower Upper
77 100
97 23.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 19.76 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

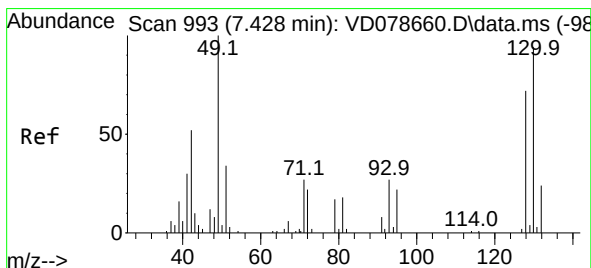
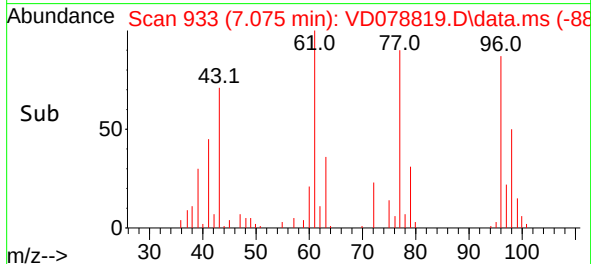
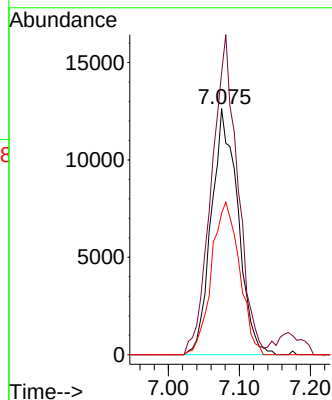
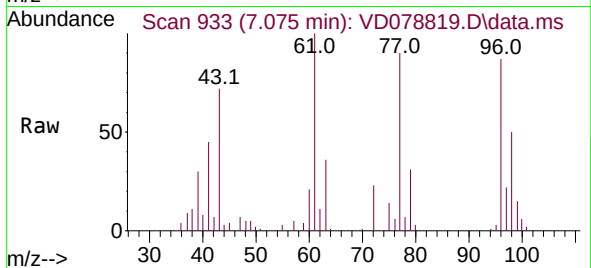
Tgt Ion: 96 Resp: 32752

Ion Ratio Lower Upper

96 100

61 128.7 0.0 245.0

98 65.5 0.0 126.6



#28

Bromochloromethane

Concen: 25.04 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

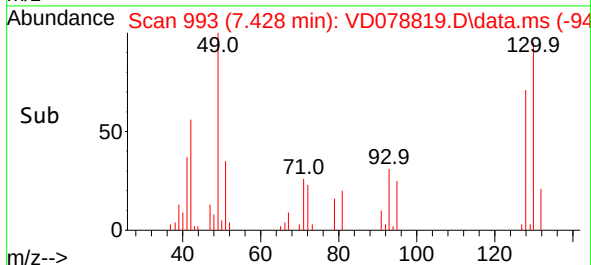
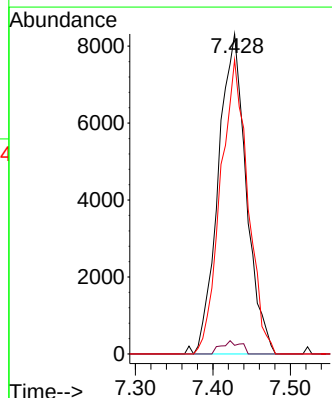
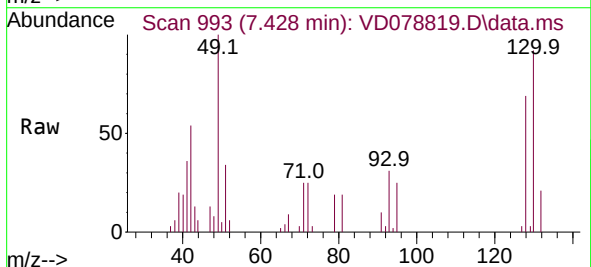
Tgt Ion: 49 Resp: 20913

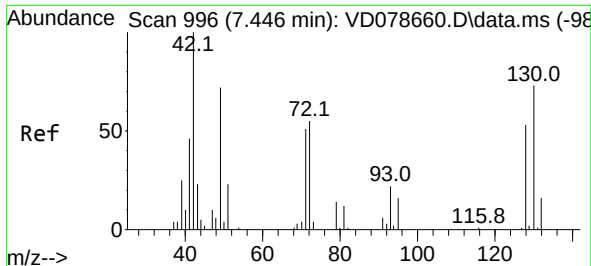
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.2

130 90.0 77.1 115.7





#29

Tetrahydrofuran

Concen: 126.73 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

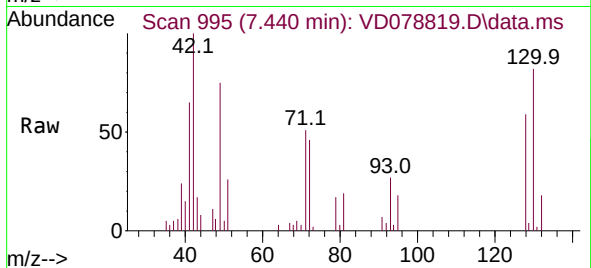
Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

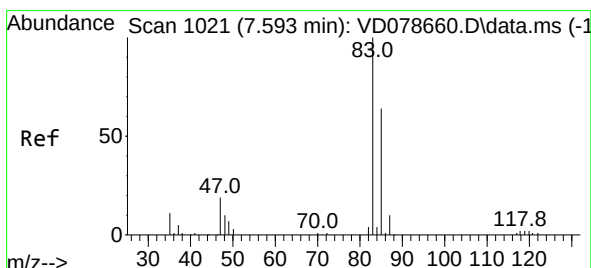
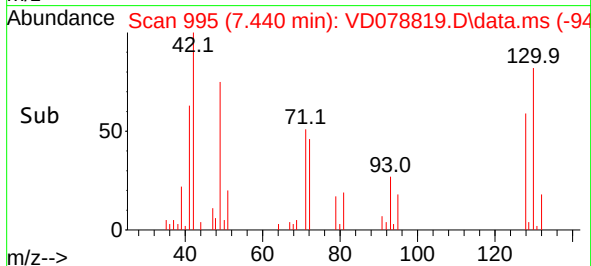
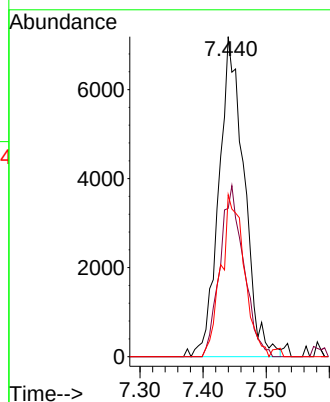
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	19993
Ion	Ratio	Lower	Upper
42	100		
72	50.3	43.8	65.6
71	46.5	42.0	63.0



#30

Chloroform

Concen: 20.82 ug/l

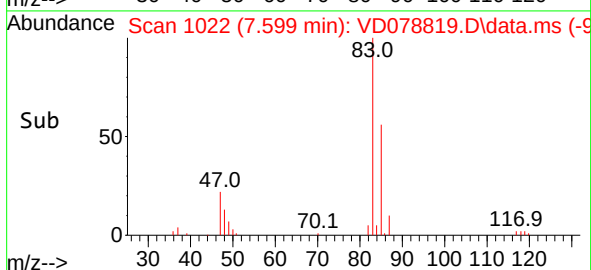
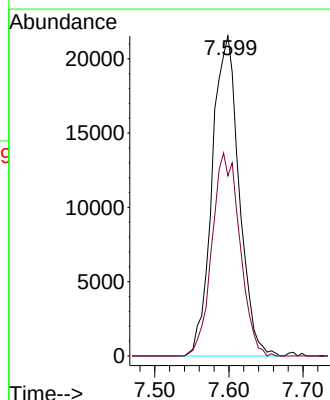
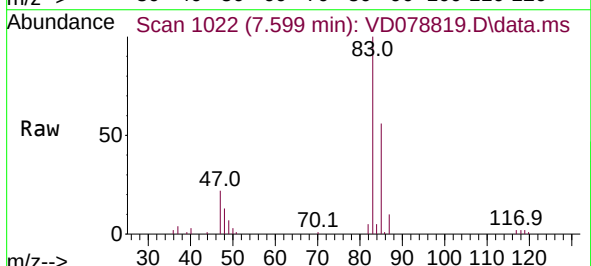
RT: 7.599 min Scan# 1022

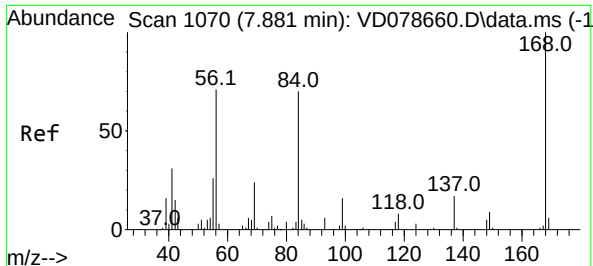
Delta R.T. 0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

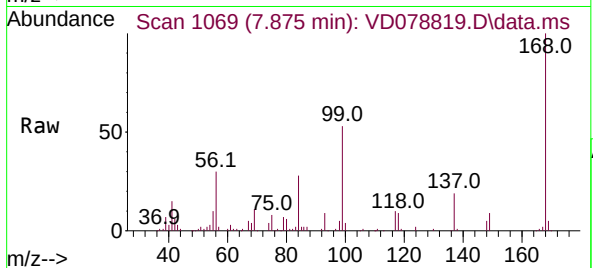
Tgt Ion:	83	Resp:	54394
Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.2	76.8



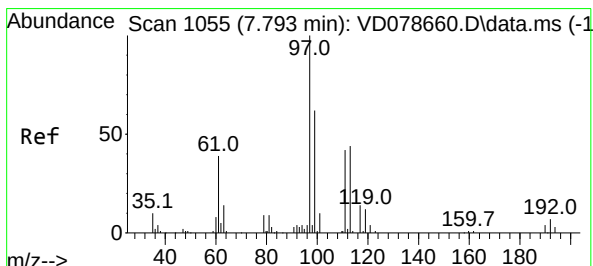
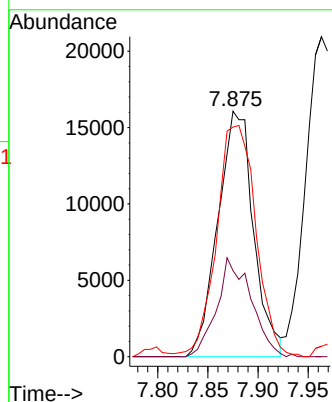
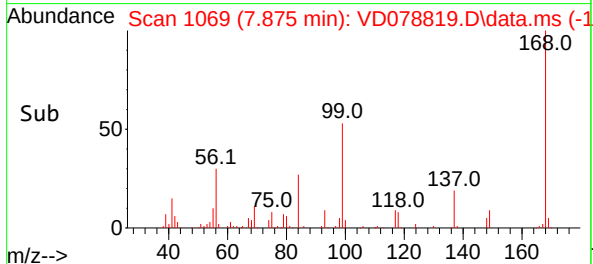


#31
Cyclohexane
Concen: 20.99 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

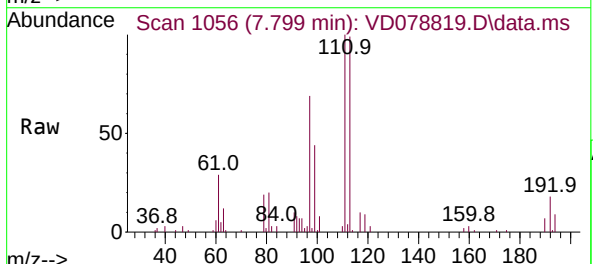
Instrument :
MSVOA_D
ClientSampleId :



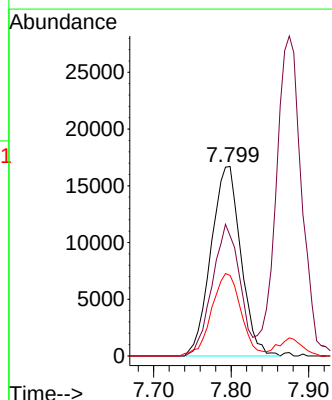
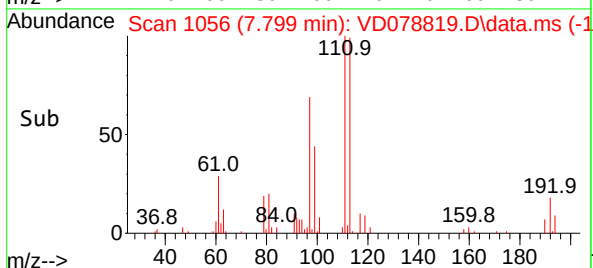
Tgt Ion: 56 Resp: 39795
Ion Ratio Lower Upper
56 100
69 35.1 26.6 40.0
84 91.9 79.4 119.2

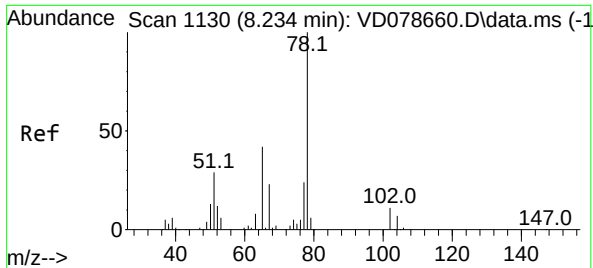


#32
1,1,1-Trichloroethane
Concen: 20.16 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38



Tgt Ion: 97 Resp: 44691
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 51.70 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

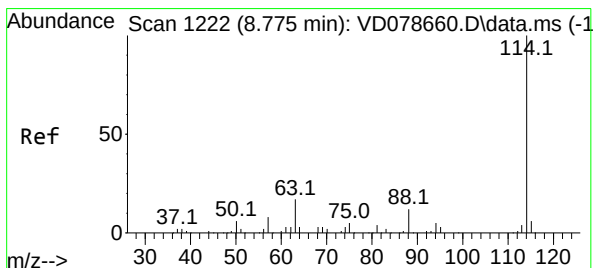
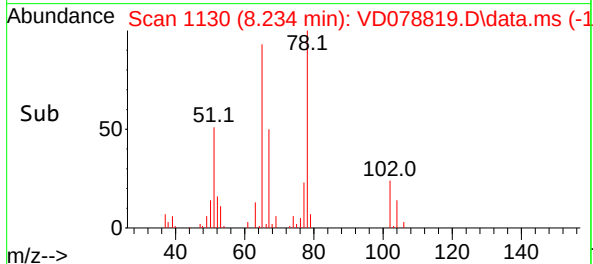
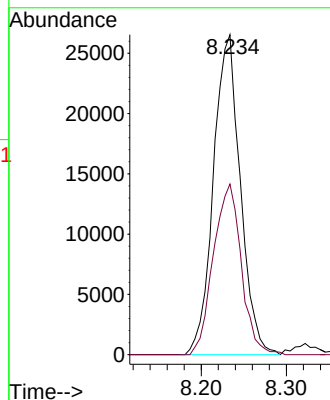
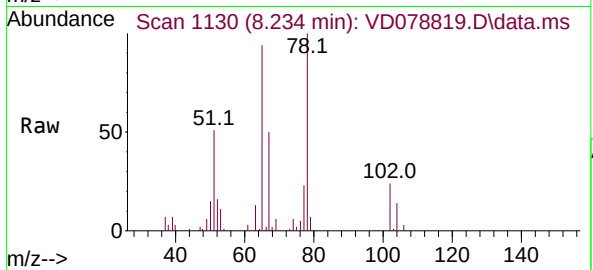
ClientSampleId :

Tgt Ion: 65 Resp: 58333

Ion Ratio Lower Upper

65 100

67 55.2 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: VD078819.D

Acq: 16 Apr 2024 12:38

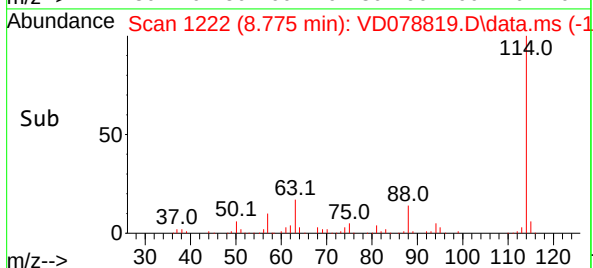
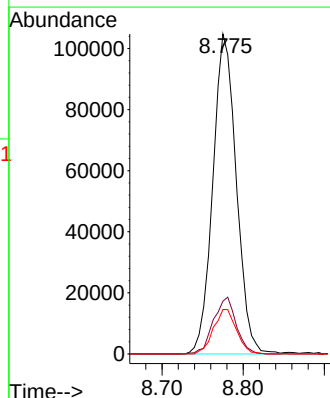
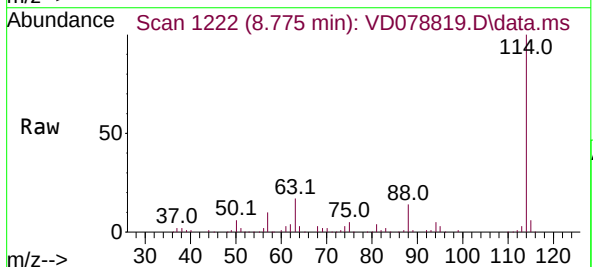
Tgt Ion: 114 Resp: 210621

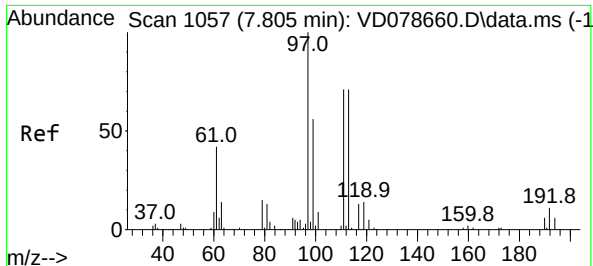
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.9 0.0 24.6





#35

Dibromofluoromethane

Concen: 46.22 ug/l

RT: 7.804 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD078819.D

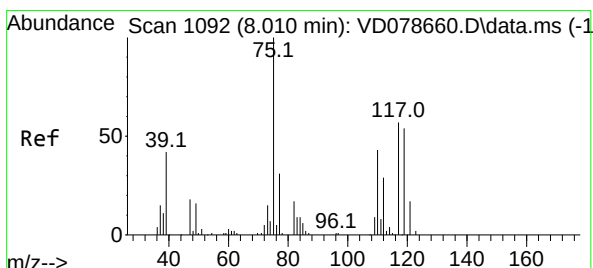
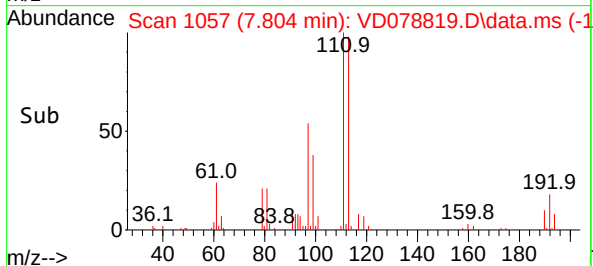
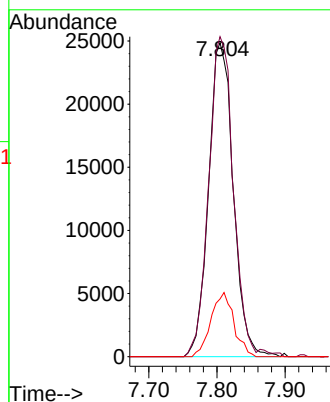
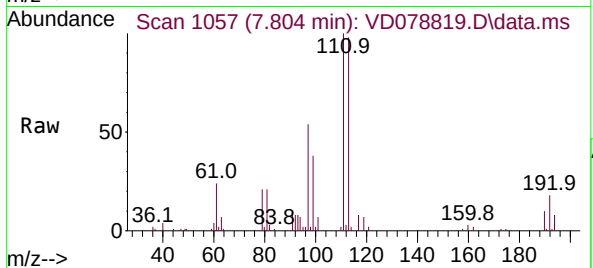
Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:113	Resp:	62681
Ion Ratio	Lower	Upper
113	100	
111	102.3	81.9 122.9
192	19.1	15.4 23.0



#36

1,1-Dichloropropene

Concen: 18.84 ug/l

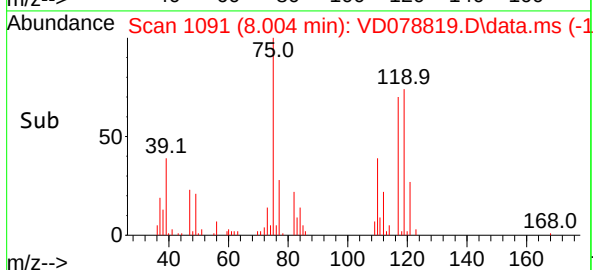
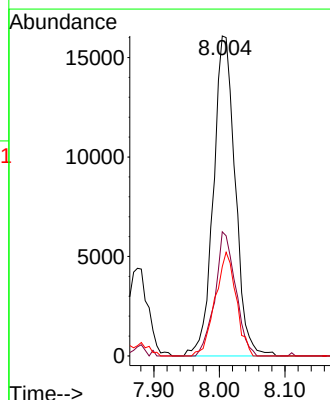
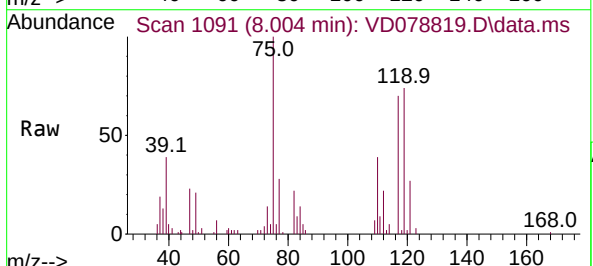
RT: 8.004 min Scan# 1091

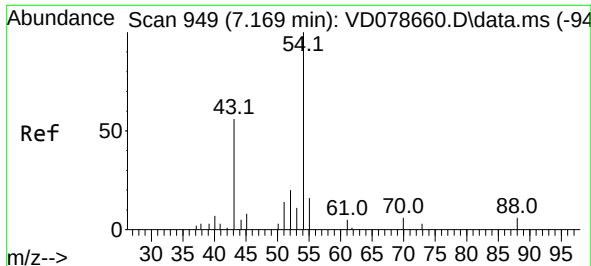
Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Tgt Ion: 75	Resp:	37072
Ion Ratio	Lower	Upper
75	100	
110	36.7	19.1 57.1
77	31.3	25.4 38.2





#37

Ethyl Acetate

Concen: 20.45 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

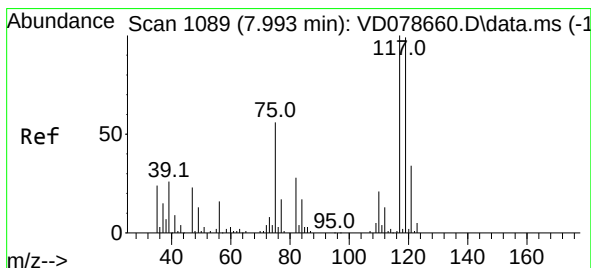
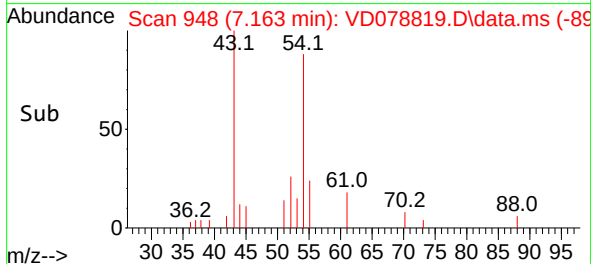
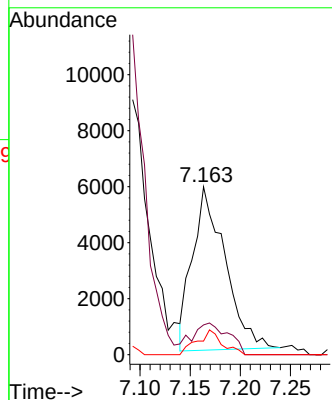
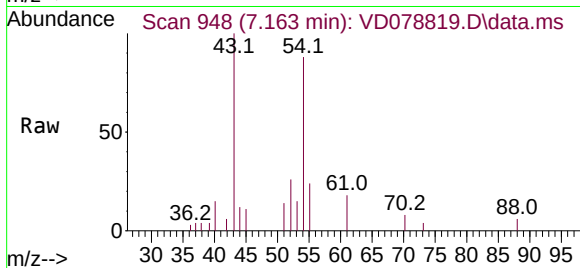
Tgt Ion: 43 Resp: 13147

Ion Ratio Lower Upper

43 100

61 21.3 14.6 21.8

70 11.6 9.4 14.0



#38

Carbon Tetrachloride

Concen: 19.36 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

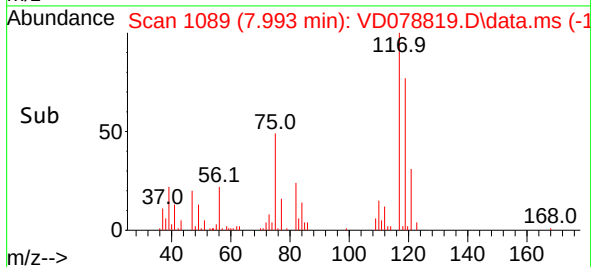
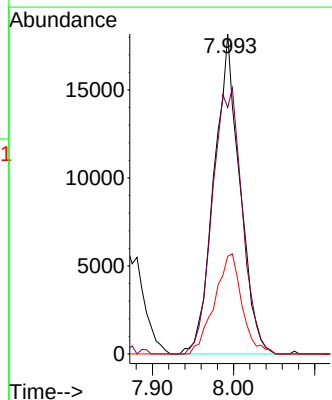
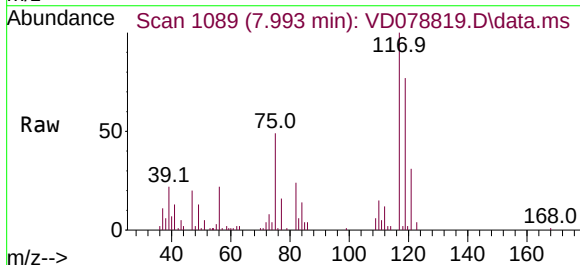
Tgt Ion: 117 Resp: 40149

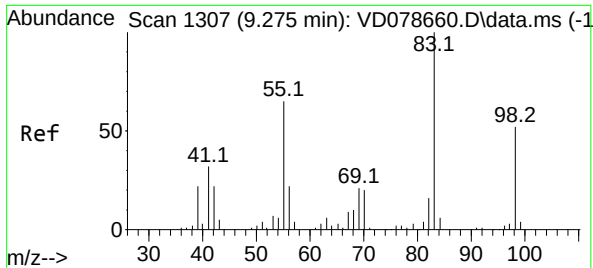
Ion Ratio Lower Upper

117 100

119 77.0 79.2 118.8#

121 30.5 26.8 40.2





#39

Methylcyclohexane

Concen: 19.71 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

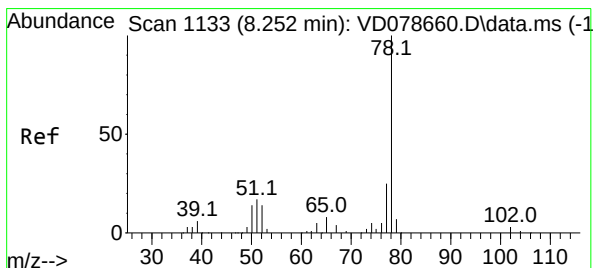
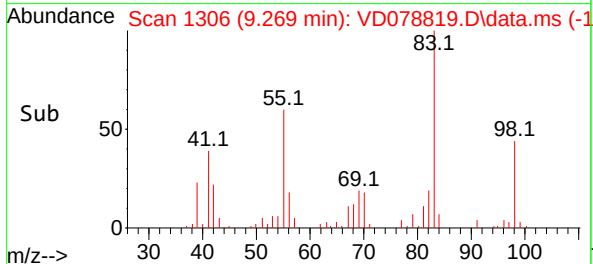
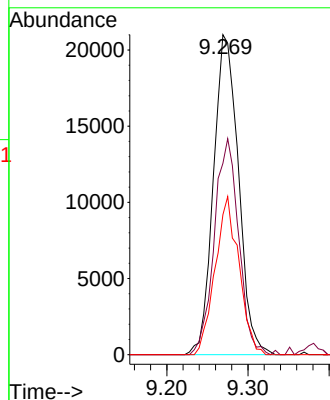
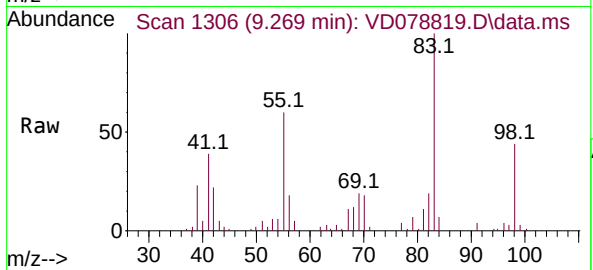
Tgt Ion: 83 Resp: 44990

Ion Ratio Lower Upper

83 100

55 59.8 51.7 77.5

98 43.8 41.4 62.0



#40

Benzene

Concen: 19.97 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078819.D

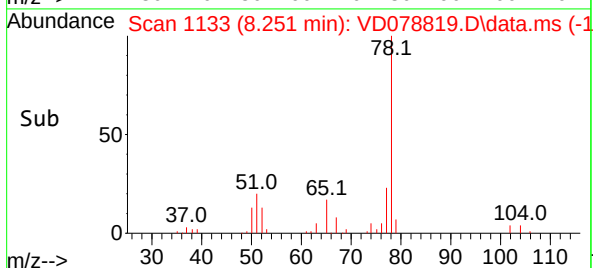
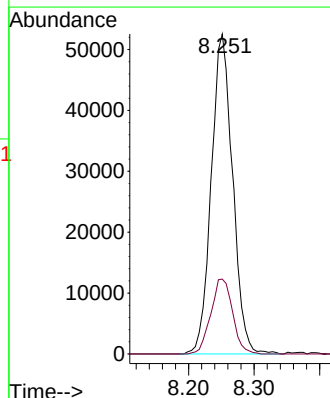
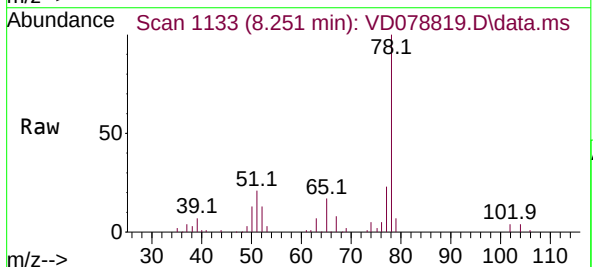
Acq: 16 Apr 2024 12:38

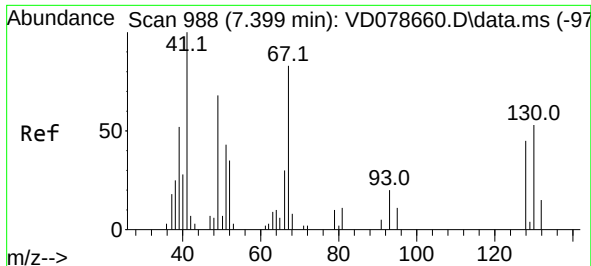
Tgt Ion: 78 Resp: 118798

Ion Ratio Lower Upper

78 100

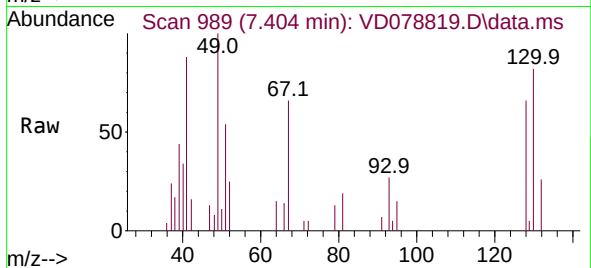
77 23.4 20.4 30.6



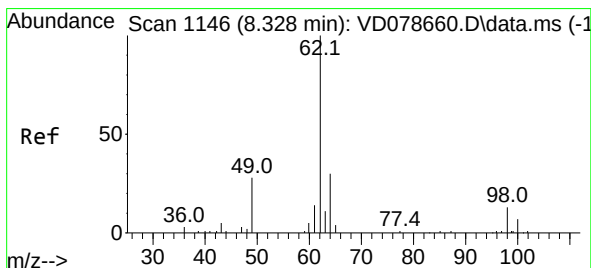
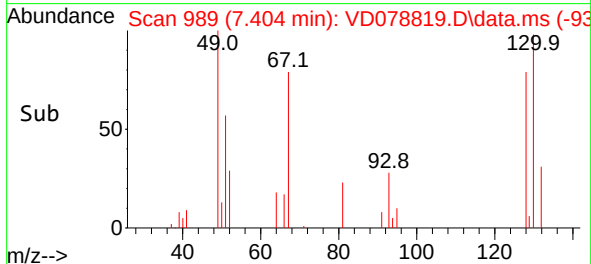
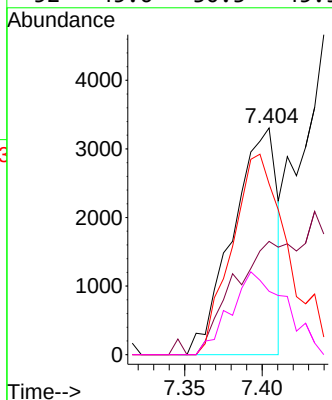


#41
Methacrylonitrile
Concen: 19.56 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

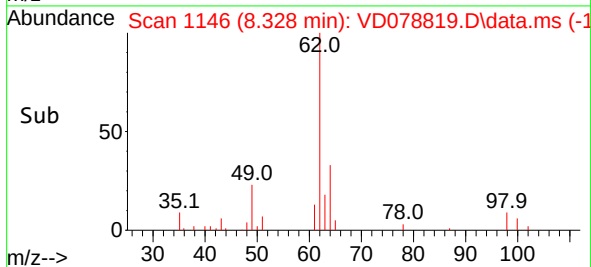
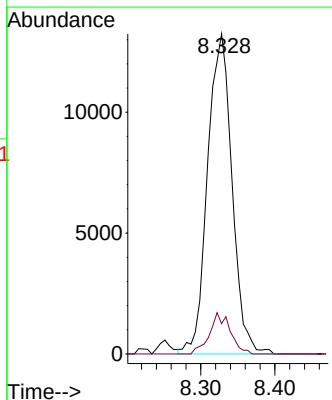
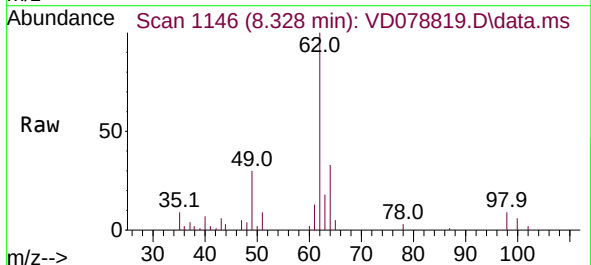


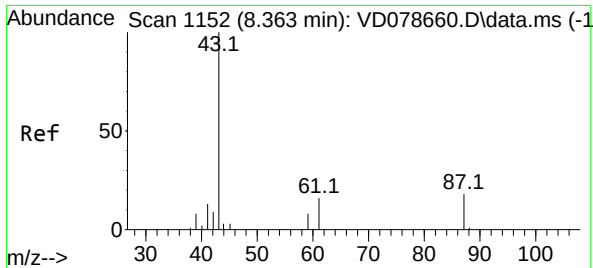
Tgt Ion: 41 Resp: 6588
Ion Ratio Lower Upper
41 100
39 68.8 39.8 59.6#
67 113.2 83.5 125.3
52 45.6 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 20.95 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 62 Resp: 30390
Ion Ratio Lower Upper
62 100
98 10.9 0.0 23.8





#43

Isopropyl Acetate

Concen: 22.65 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078819.D

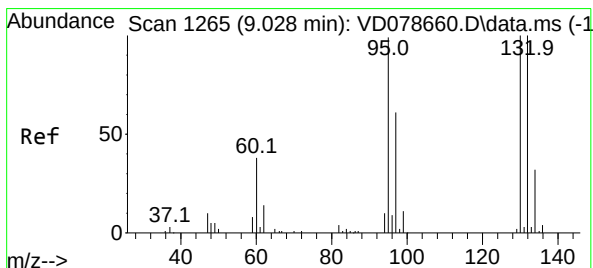
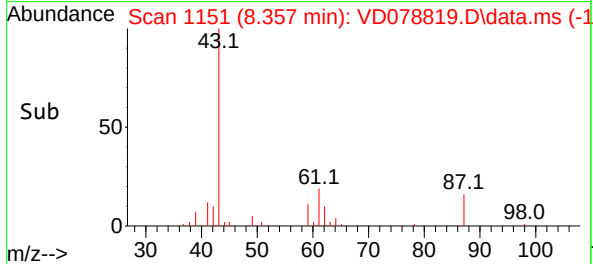
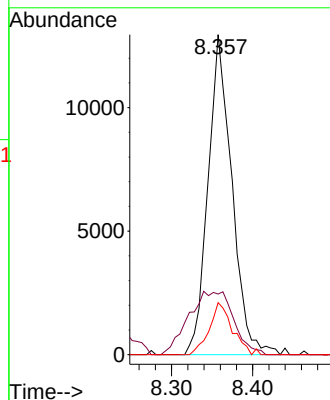
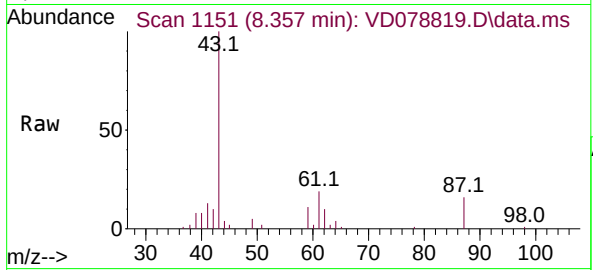
Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 26479
Ion Ratio	Lower Upper
43	100
61	36.9 30.1 45.1
87	15.8 14.4 21.6



#44

Trichloroethene

Concen: 18.18 ug/l

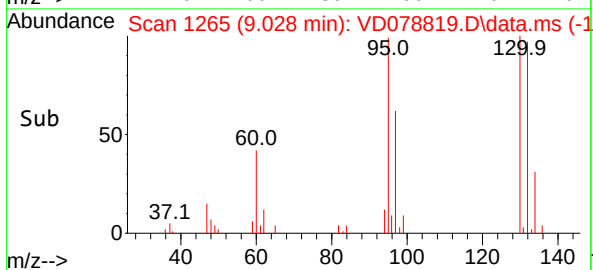
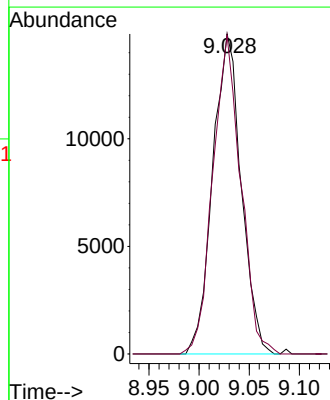
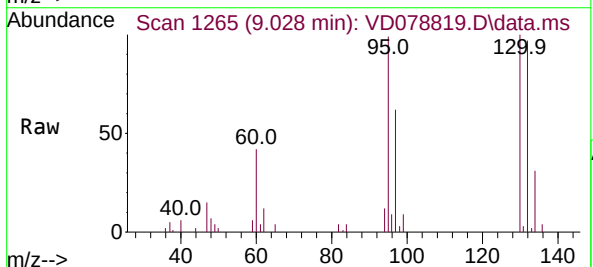
RT: 9.028 min Scan# 1265

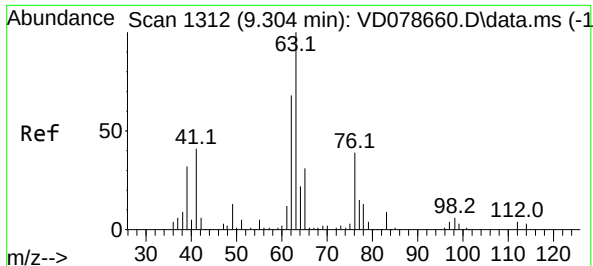
Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Tgt Ion: 130	Resp: 29349
Ion Ratio	Lower Upper
130	100
95	99.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.73 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

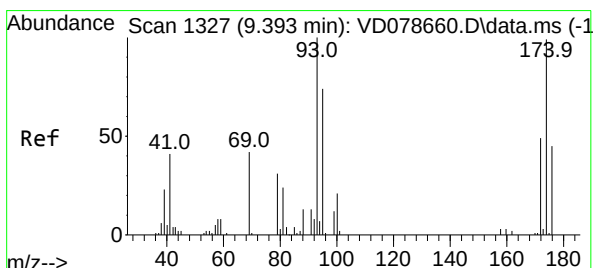
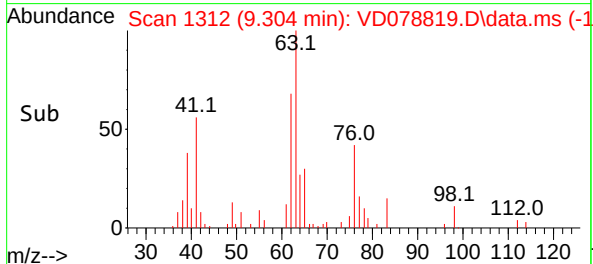
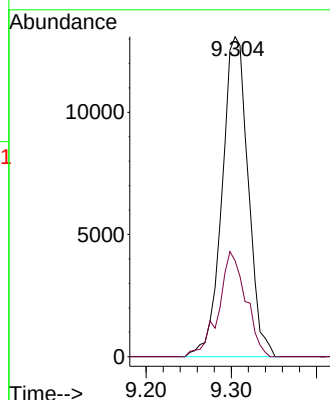
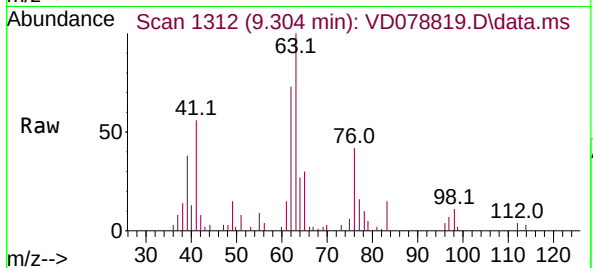
ClientSampleId :

Tgt Ion: 63 Resp: 27837

Ion Ratio Lower Upper

63 100

65 30.0 24.8 37.2



#46

Dibromomethane

Concen: 20.86 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

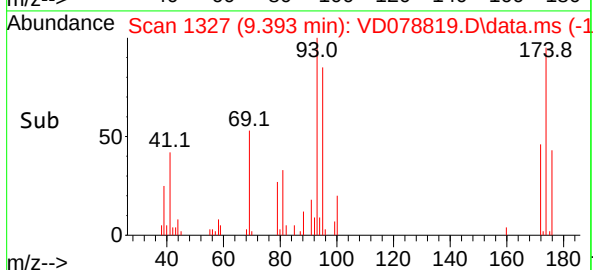
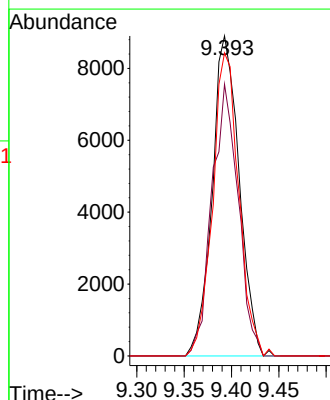
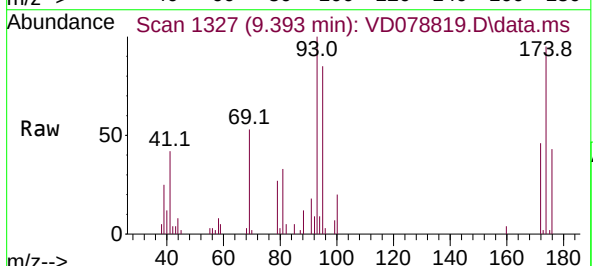
Tgt Ion: 93 Resp: 17642

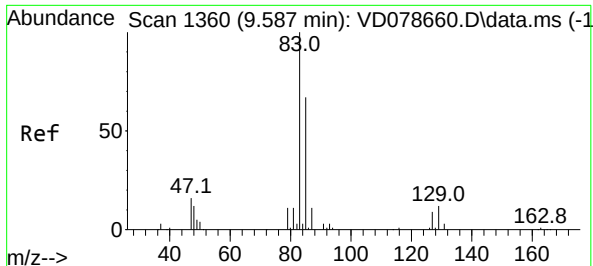
Ion Ratio Lower Upper

93 100

95 82.9 67.3 100.9

174 91.6 80.9 121.3





#47

Bromodichloromethane

Concen: 21.06 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078819.D

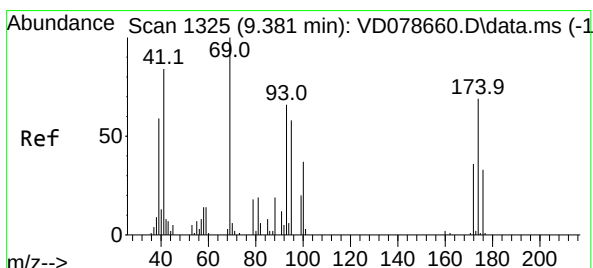
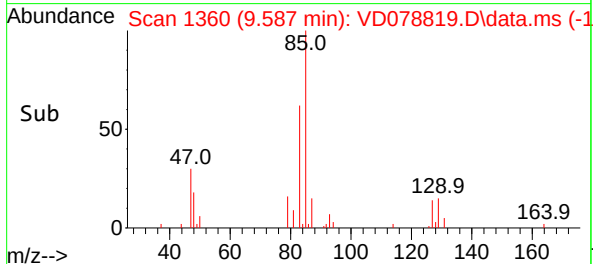
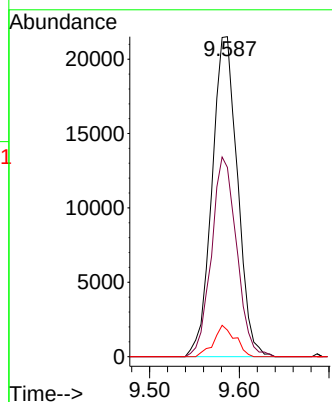
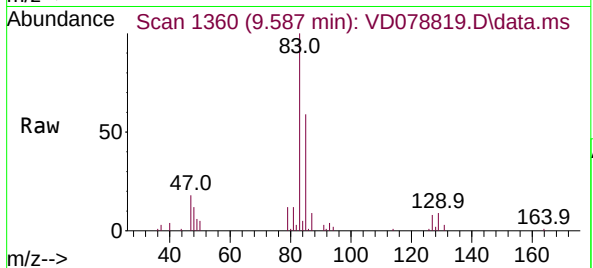
Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 42411
Ion Ratio	Lower Upper
83	100
85	59.1 54.0 81.0
127	8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 20.53 ug/l

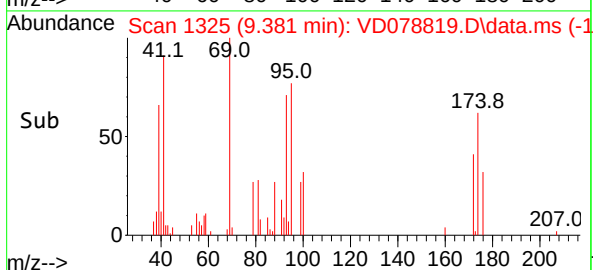
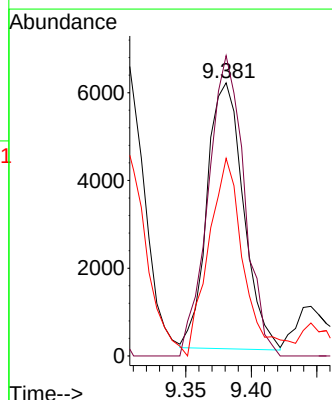
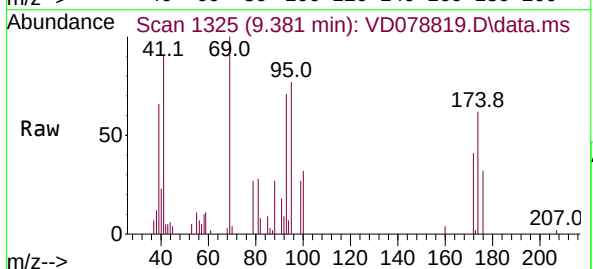
RT: 9.381 min Scan# 1325

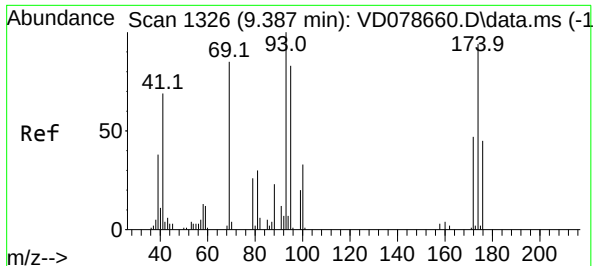
Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Tgt Ion: 41	Resp: 11695
Ion Ratio	Lower Upper
41	100
69	112.6 88.3 132.5
39	72.4 46.6 69.8#





#49

1,4-Dioxane

Concen: 439.92 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

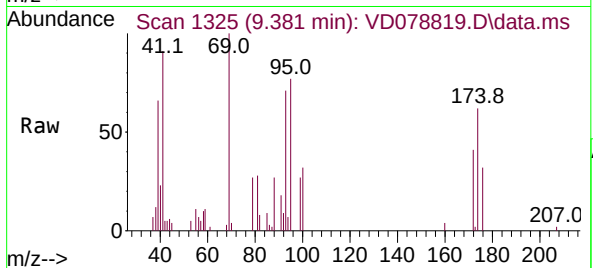
Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :



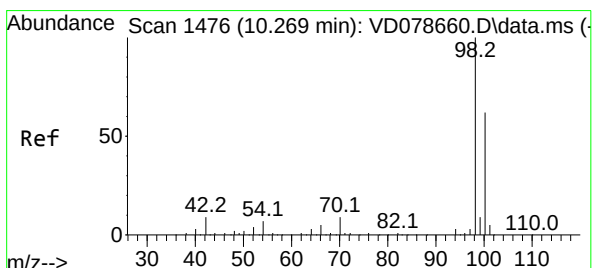
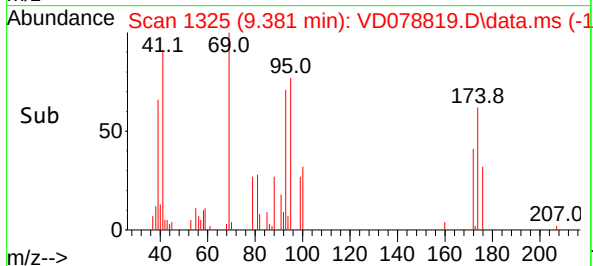
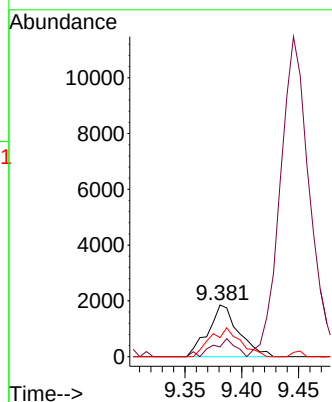
Tgt Ion: 88 Resp: 3445

Ion Ratio Lower Upper

88 100

43 25.9 23.2 34.8

58 55.0 51.0 76.6



#50

Toluene-d8

Concen: 48.92 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078819.D

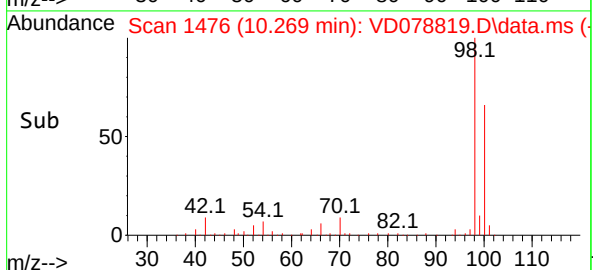
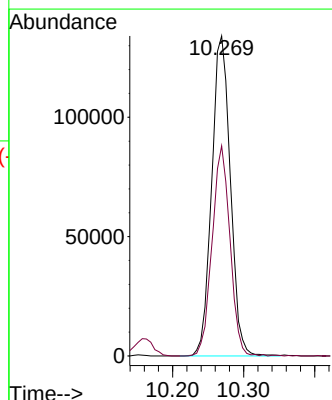
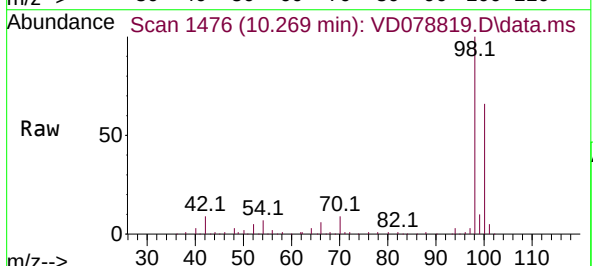
Acq: 16 Apr 2024 12:38

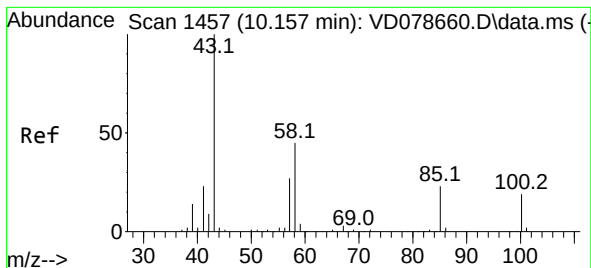
Tgt Ion: 98 Resp: 244001

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

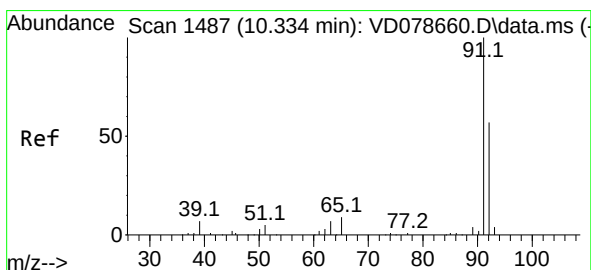
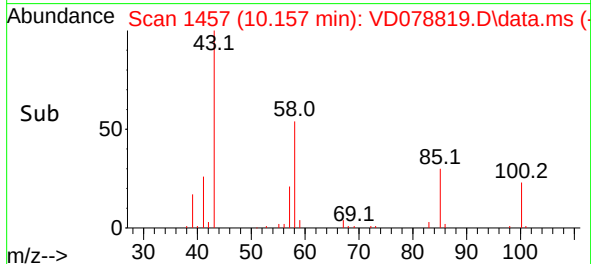
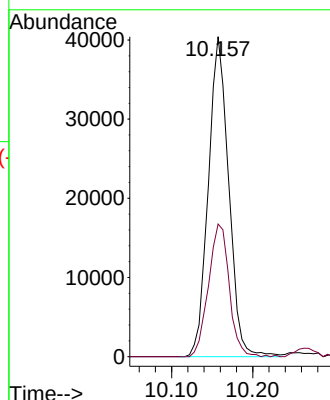
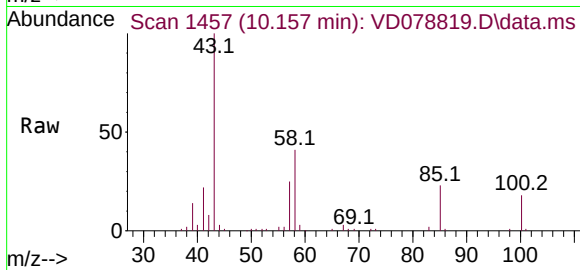




#51
4-Methyl-2-Pentanone
Concen: 115.33 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

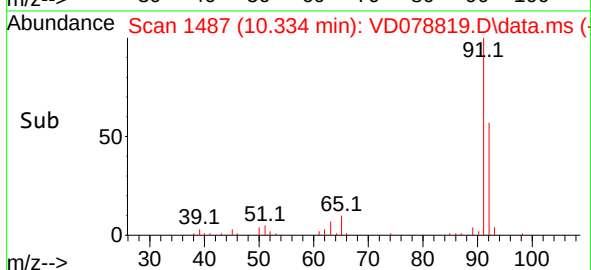
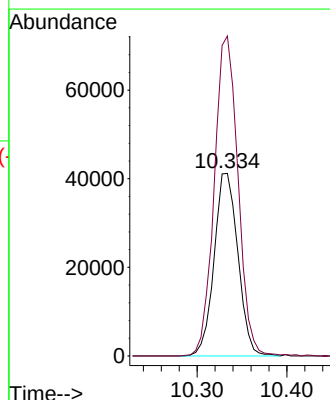
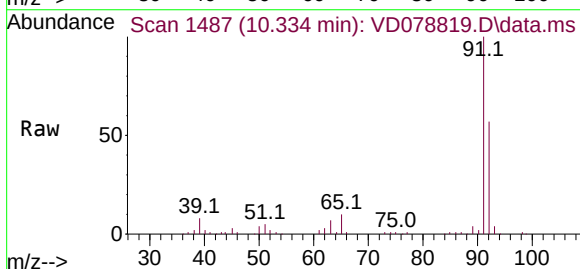
Instrument :
MSVOA_D
ClientSampleId :

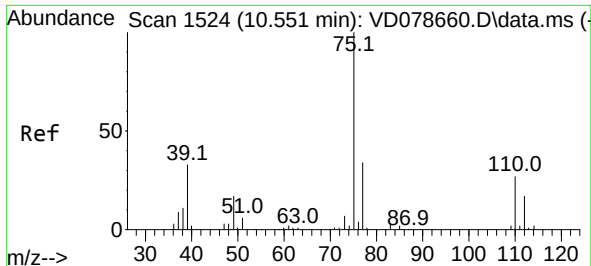
Tgt Ion: 43 Resp: 70484
Ion Ratio Lower Upper
43 100
58 42.1 36.4 54.6



#52
Toluene
Concen: 19.80 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 92 Resp: 75827
Ion Ratio Lower Upper
92 100
91 175.5 136.6 205.0

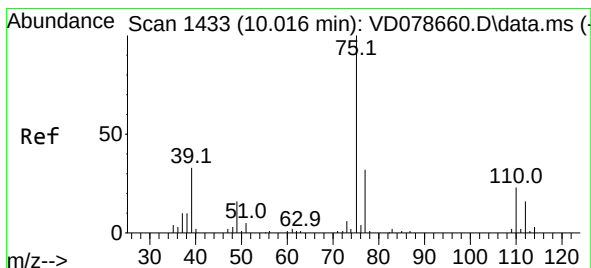
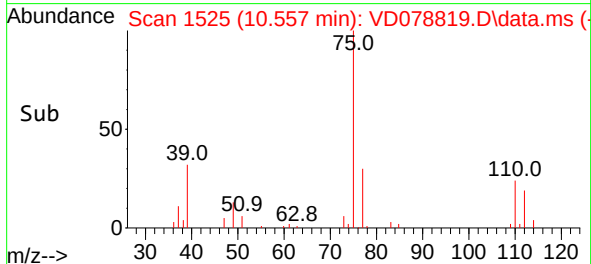
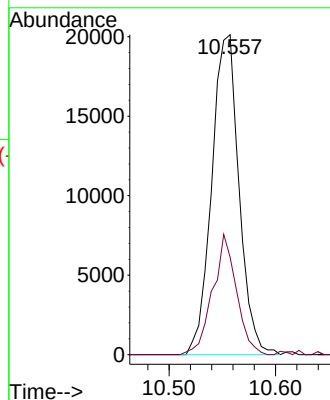
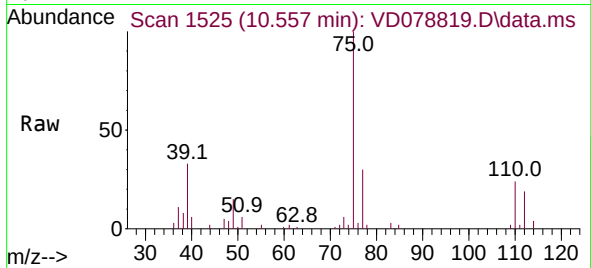




#53
 t-1,3-Dichloropropene
 Concen: 19.44 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

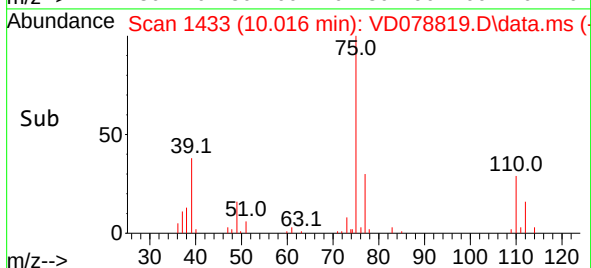
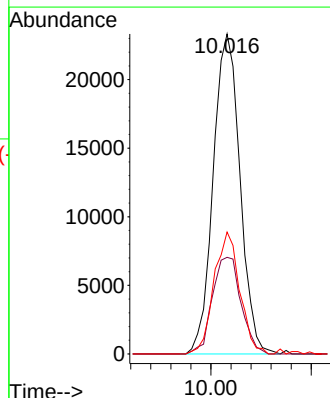
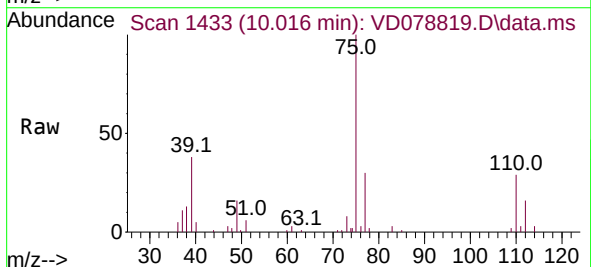
Instrument :
 MSVOA_D
 ClientSampleId :

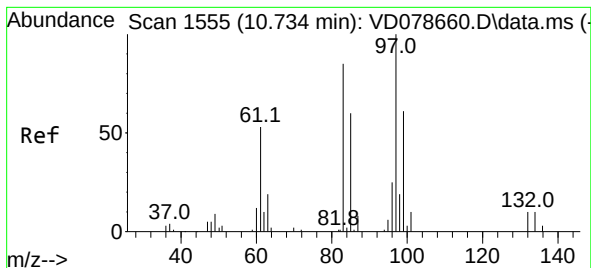
Tgt Ion: 75 Resp: 35792
 Ion Ratio Lower Upper
 75 100
 77 30.4 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.51 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

Tgt Ion: 75 Resp: 43185
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 38.1 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 19.46 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

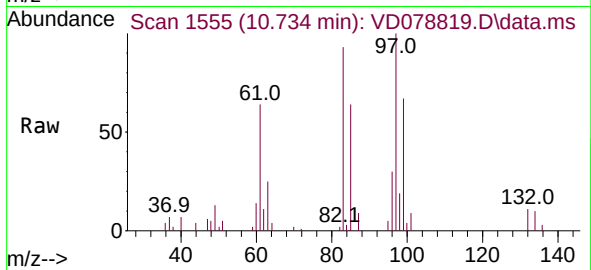
Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 22040

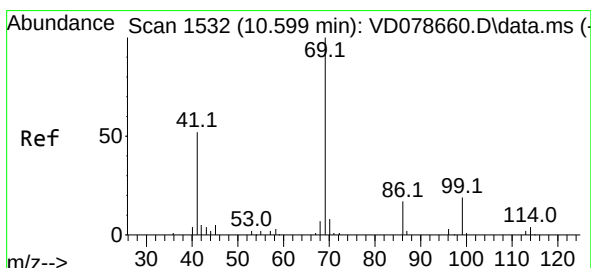
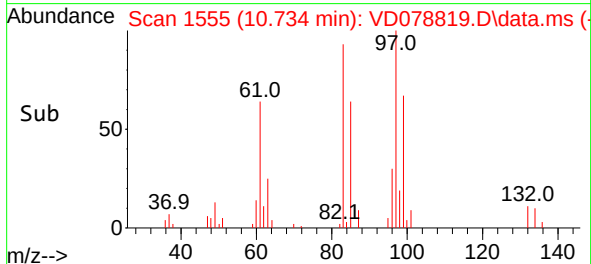
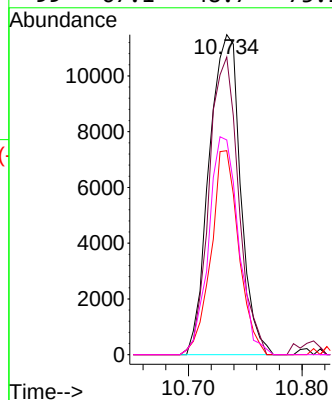
Ion Ratio Lower Upper

97 100

83 93.0 68.1 102.1

85 63.7 48.2 72.2

99 67.1 48.7 73.1



#56

Ethyl methacrylate

Concen: 20.30 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

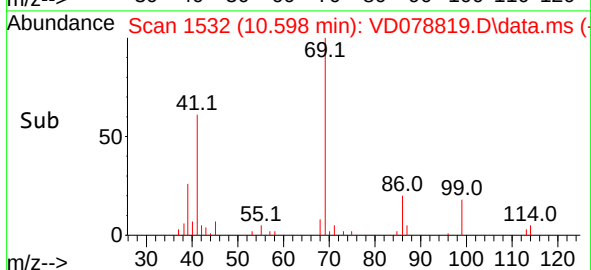
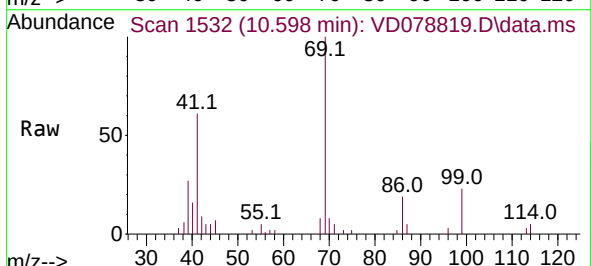
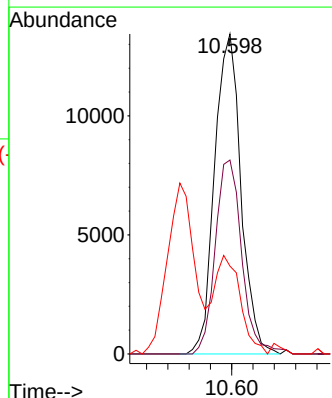
Tgt Ion: 69 Resp: 23050

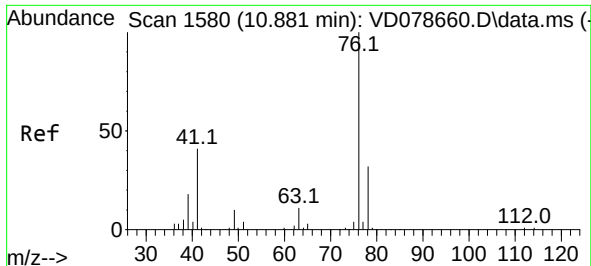
Ion Ratio Lower Upper

69 100

41 61.1 40.9 61.3

39 30.9 25.5 38.3





#57

1,3-Dichloropropane

Concen: 20.09 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

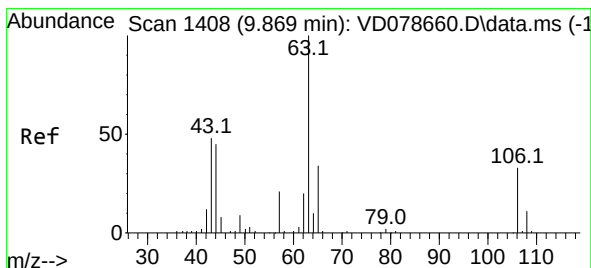
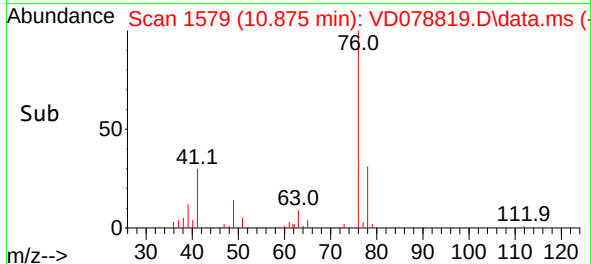
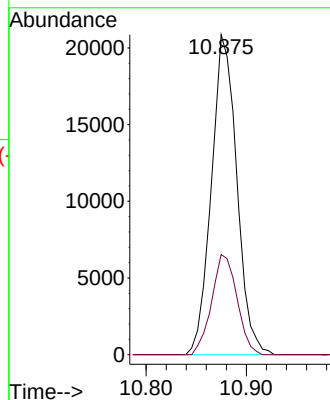
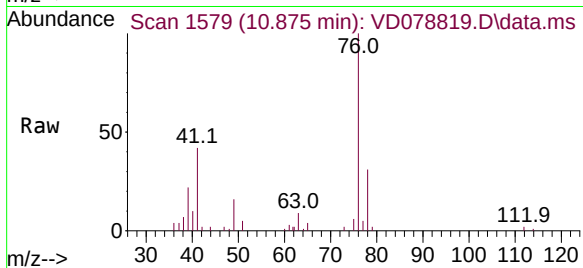
ClientSampleId :

Tgt Ion: 76 Resp: 36715

Ion Ratio Lower Upper

76 100

78 31.2 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 116.51 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078819.D

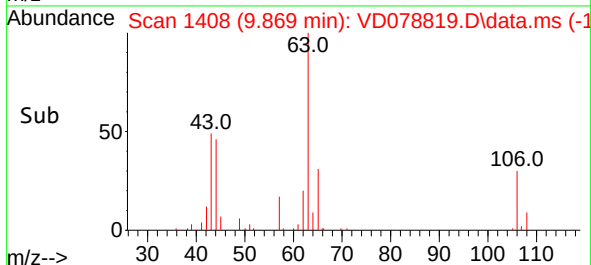
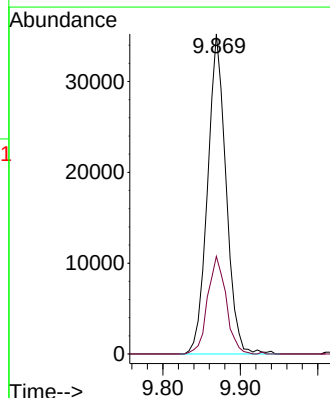
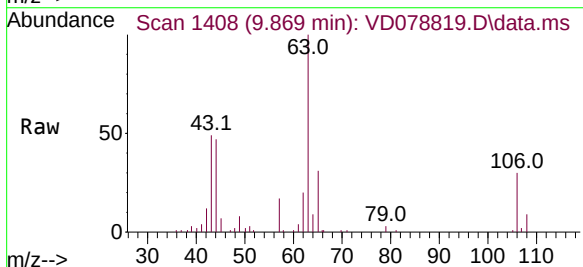
Acq: 16 Apr 2024 12:38

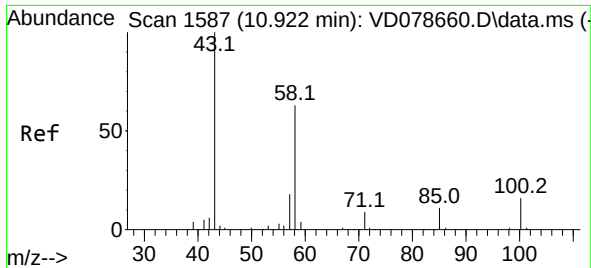
Tgt Ion: 63 Resp: 58332

Ion Ratio Lower Upper

63 100

106 30.6 25.2 37.8

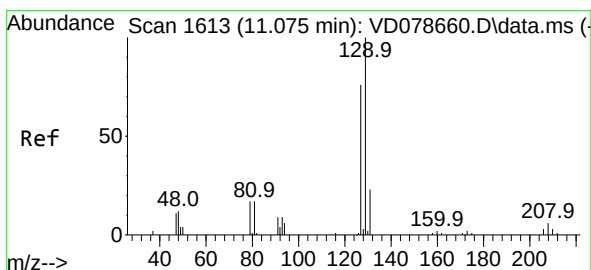
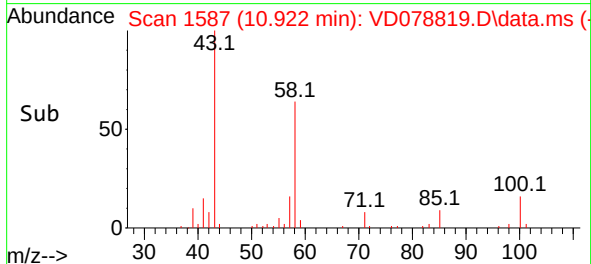
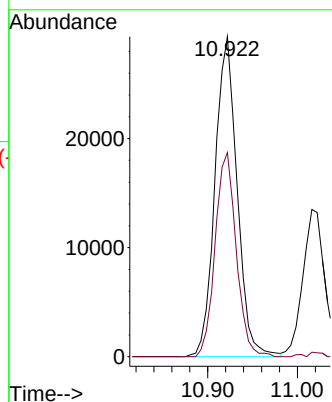
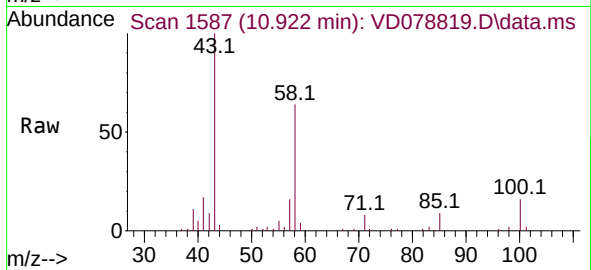




#59
2-Hexanone
Concen: 111.01 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

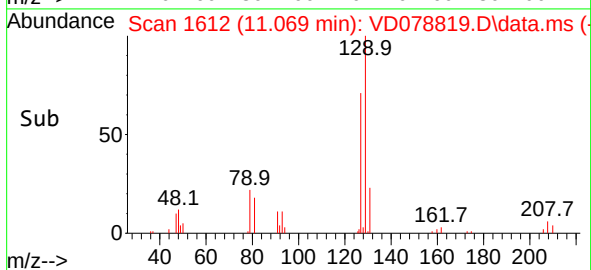
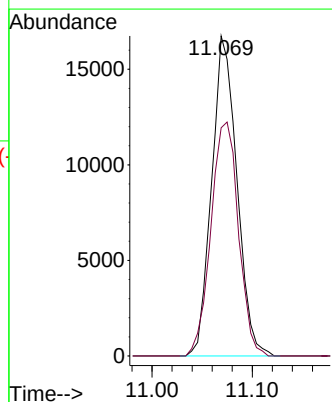
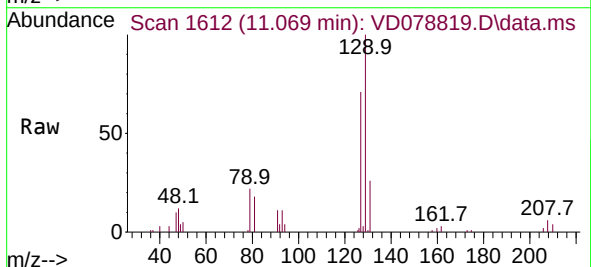
Instrument :
MSVOA_D
ClientSampleId :

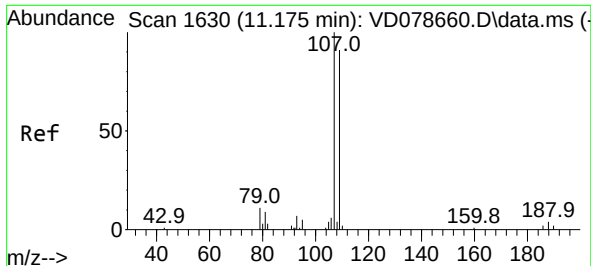
Tgt Ion: 43 Resp: 50293
Ion Ratio Lower Upper
43 100
58 60.6 31.5 94.5



#60
Dibromochloromethane
Concen: 20.91 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion:129 Resp: 29206
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.3

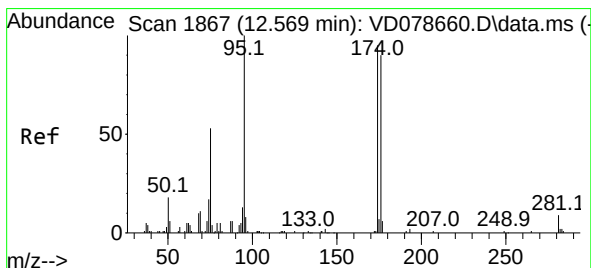
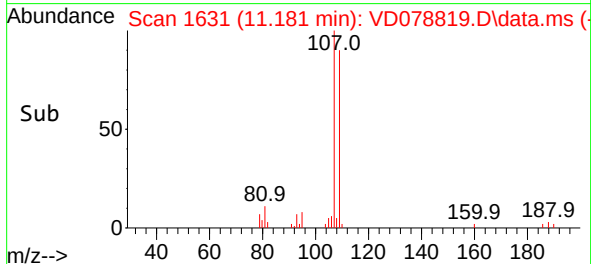
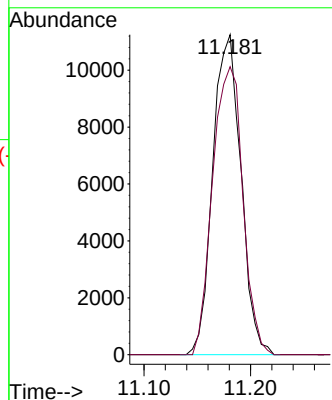
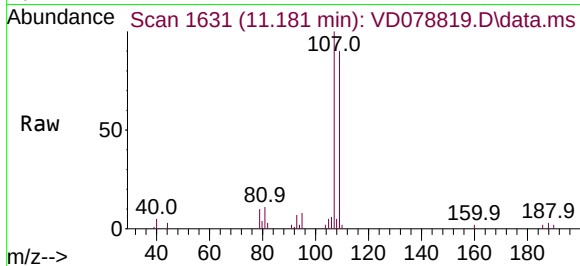




#61
1,2-Dibromoethane
Concen: 18.85 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

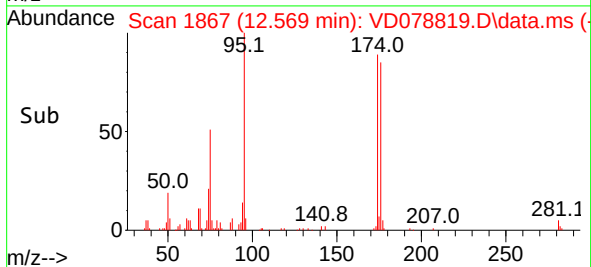
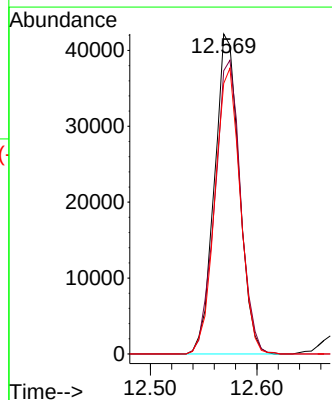
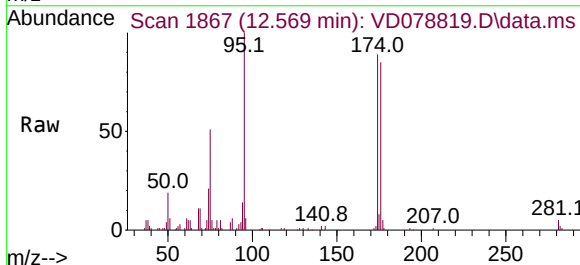
Instrument :
MSVOA_D
ClientSampleId :

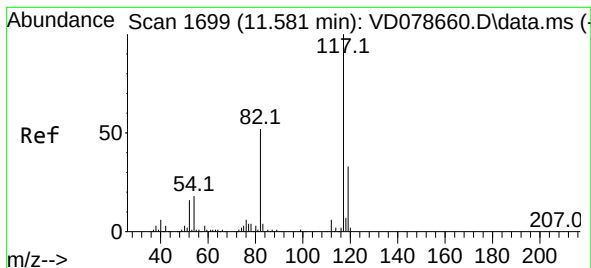
Tgt Ion:107 Resp: 20657
Ion Ratio Lower Upper
107 100
109 96.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 46.55 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 95 Resp: 67914
Ion Ratio Lower Upper
95 100
174 95.3 0.0 195.2
176 90.8 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

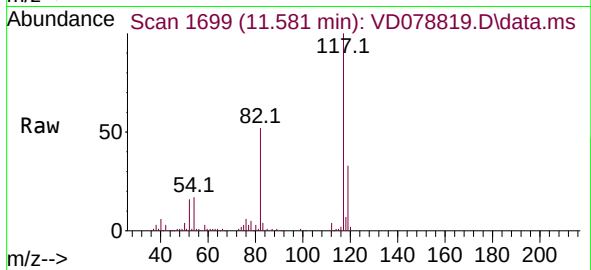
Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :



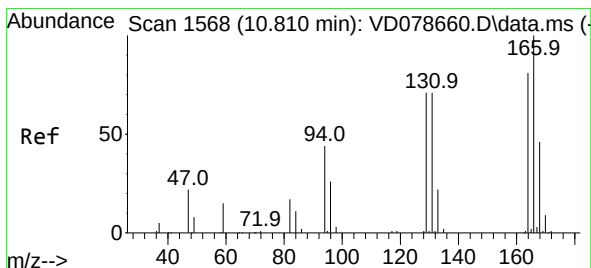
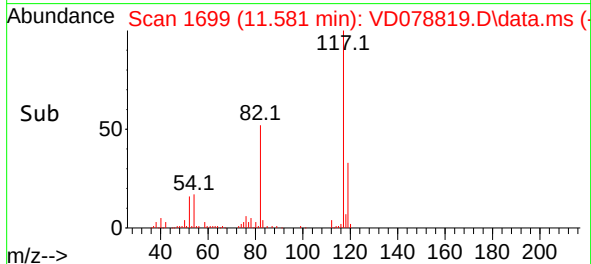
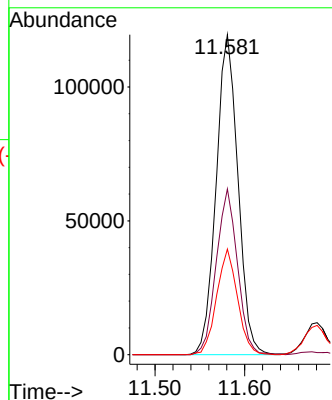
Tgt Ion:117 Resp: 201547

Ion Ratio Lower Upper

117 100

82 51.8 41.4 62.2

119 33.0 26.5 39.7



#64

Tetrachloroethene

Concen: 19.06 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Tgt Ion:164 Resp: 25418

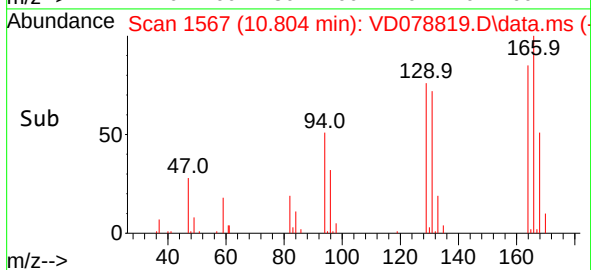
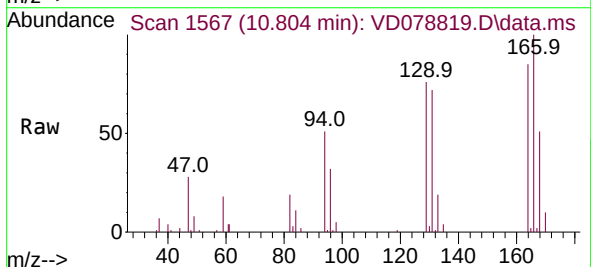
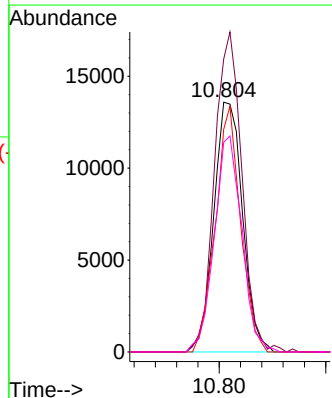
Ion Ratio Lower Upper

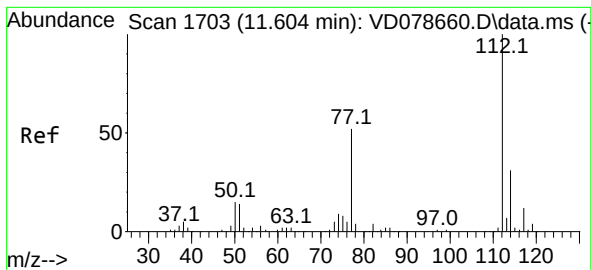
164 100

166 117.3 98.9 148.3

129 89.2 70.3 105.5

131 84.0 70.6 106.0

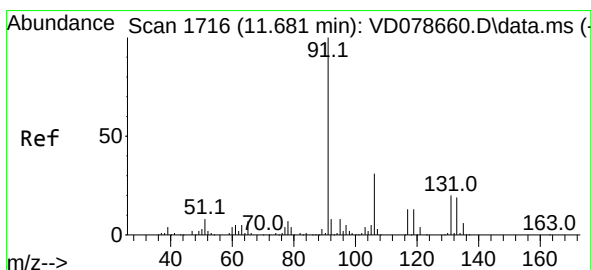
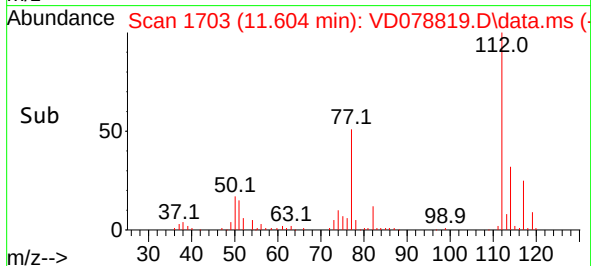
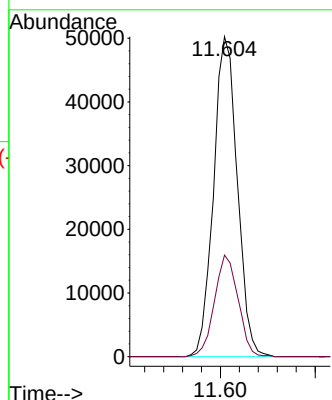
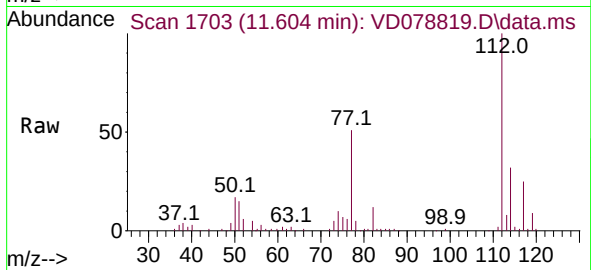




#65
Chlorobenzene
Concen: 20.73 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

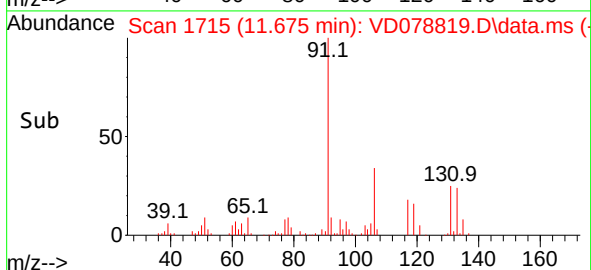
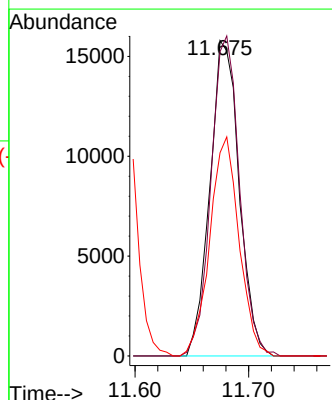
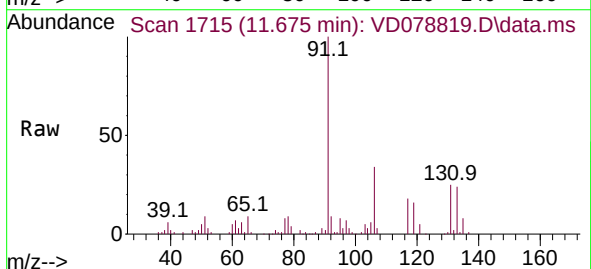
Instrument :
MSVOA_D
ClientSampleId :

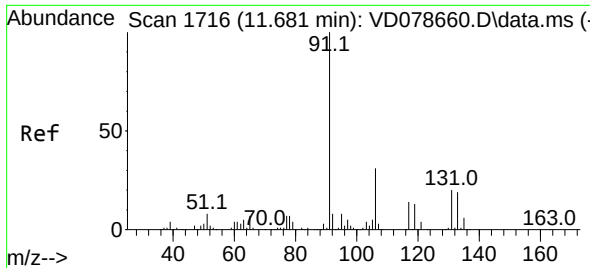
Tgt Ion:112 Resp: 87293
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.31 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion:131 Resp: 28240
Ion Ratio Lower Upper
131 100
133 98.9 47.6 142.9
119 69.4 34.1 102.3

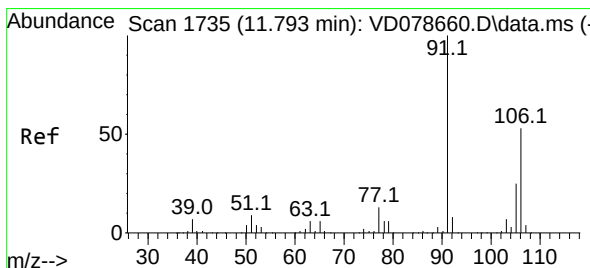
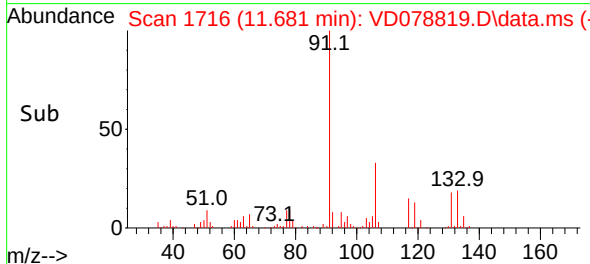
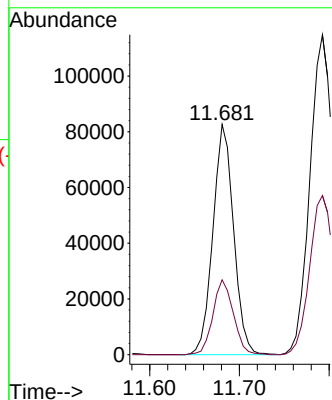
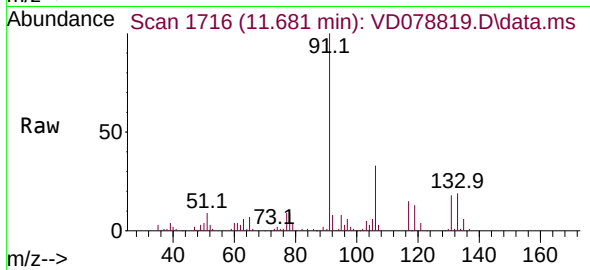




#67
Ethyl Benzene
Concen: 18.45 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

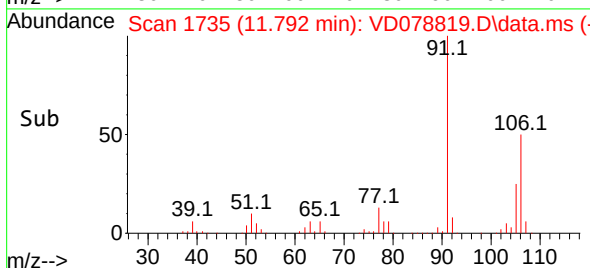
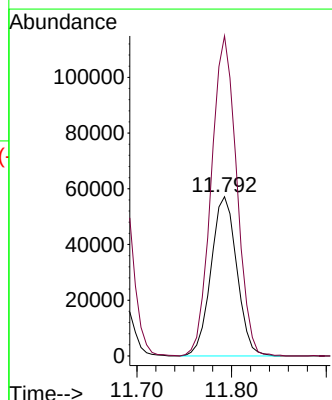
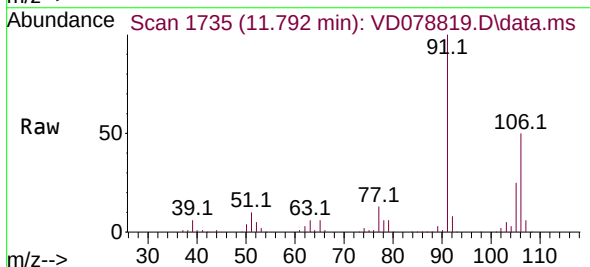
Instrument :
MSVOA_D
ClientSampleId :

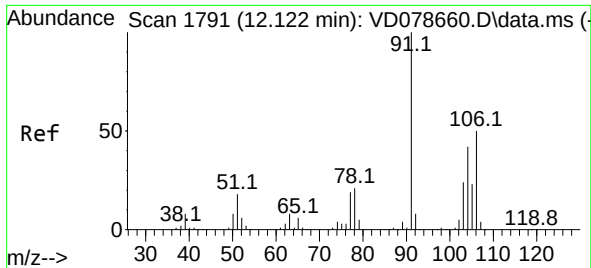
Tgt Ion: 91 Resp: 132387
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7



#68
m/p-Xylenes
Concen: 37.16 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion:106 Resp: 108312
Ion Ratio Lower Upper
106 100
91 197.7 154.4 231.6

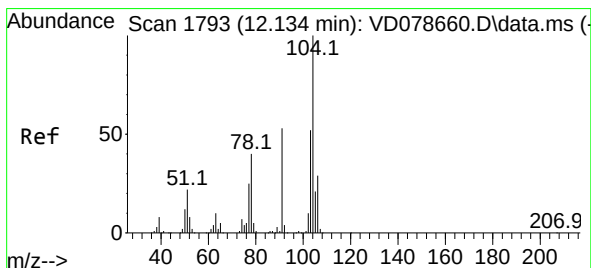
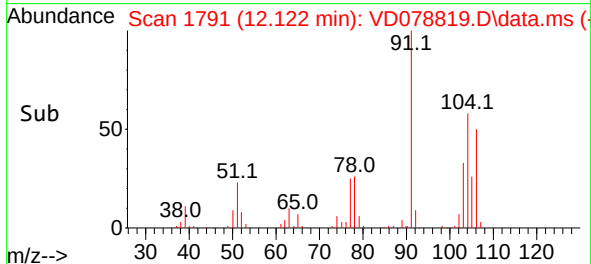
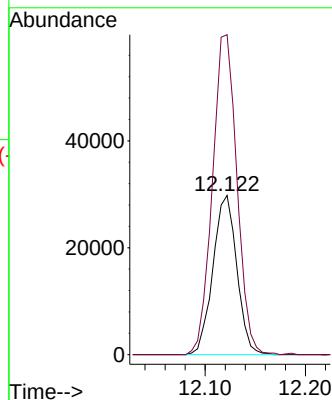
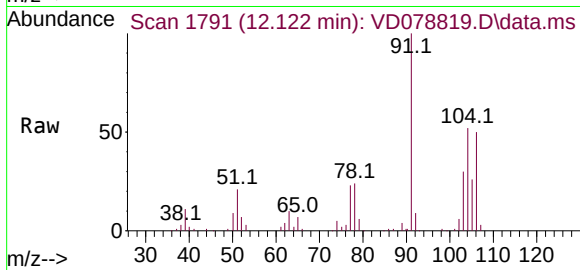




#69
o-Xylene
Concen: 18.26 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

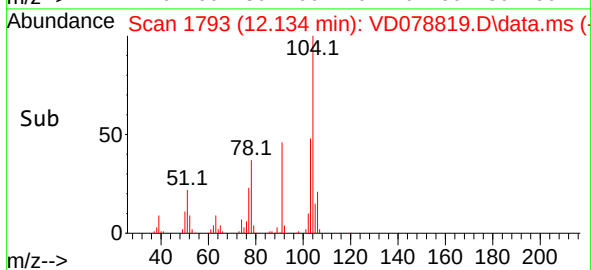
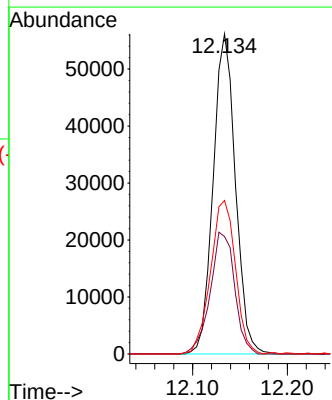
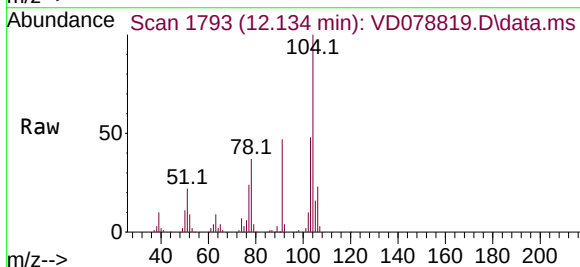
Instrument :
MSVOA_D
ClientSampleId :

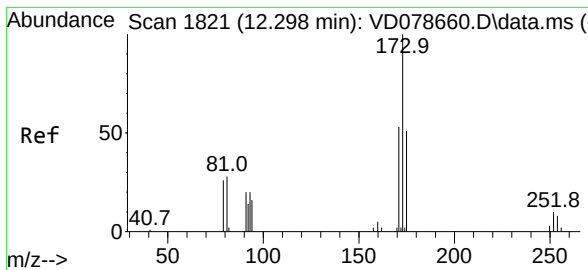
Tgt Ion:106 Resp: 49249
Ion Ratio Lower Upper
106 100
91 206.3 99.6 298.7



#70
Styrene
Concen: 20.23 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion:104 Resp: 91551
Ion Ratio Lower Upper
104 100
78 41.6 34.6 52.0
103 53.8 44.2 66.2





#71

Bromoform

Concen: 18.75 ug/l

RT: 12.292 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

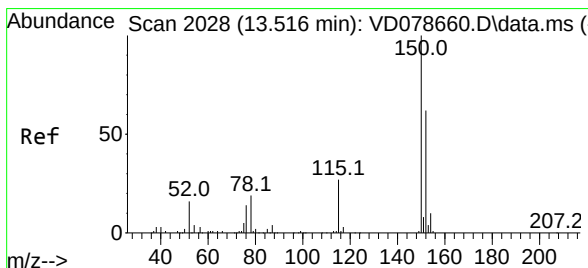
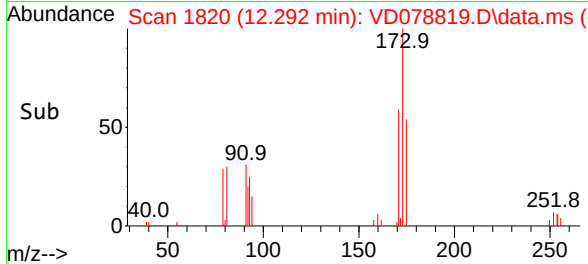
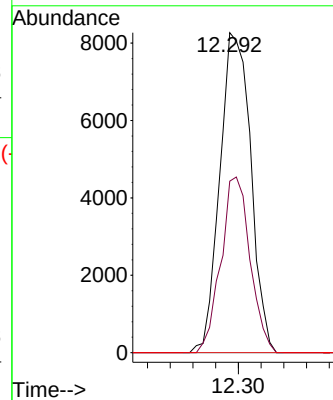
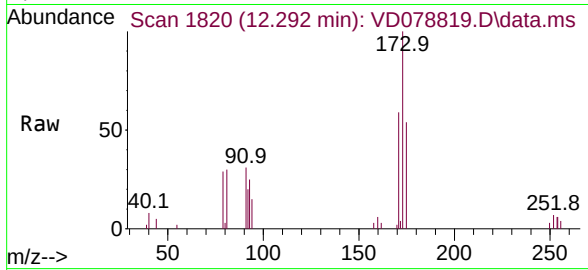
Tgt Ion:173 Resp: 15627

Ion Ratio Lower Upper

173 100

175 51.8 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: VD078819.D

Acq: 16 Apr 2024 12:38

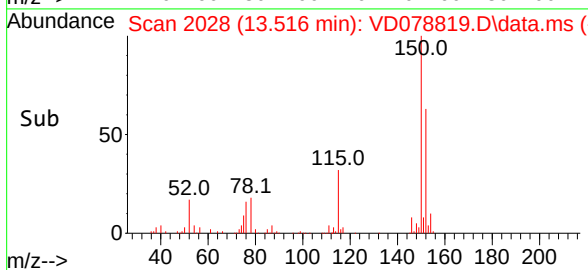
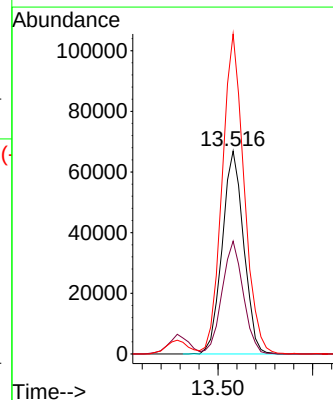
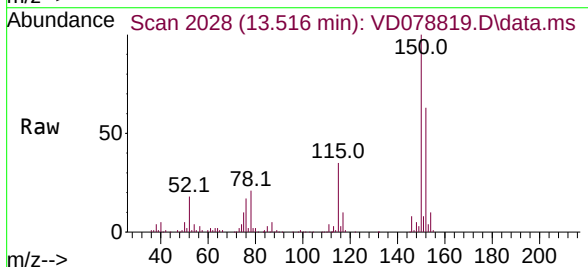
Tgt Ion:152 Resp: 105327

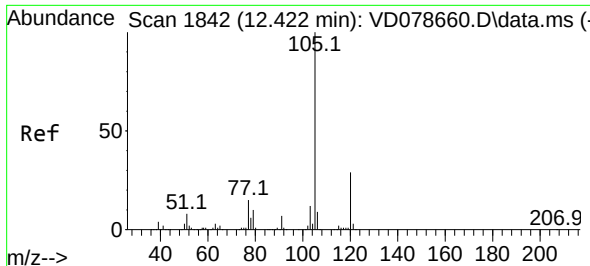
Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.2

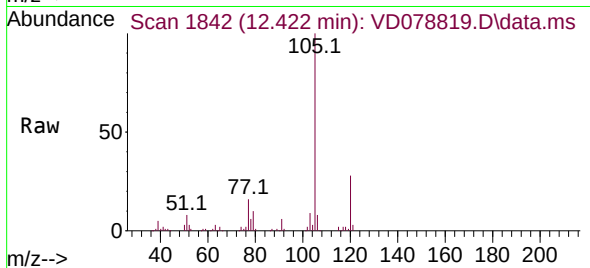
150 161.1 0.0 350.2



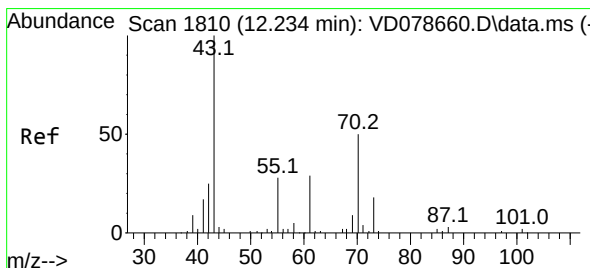
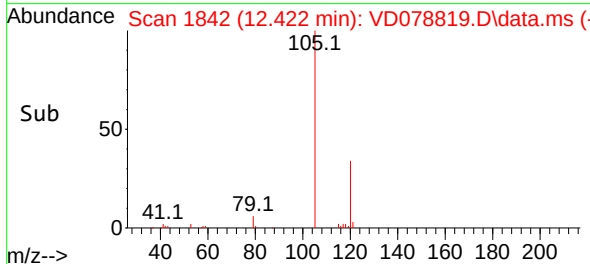
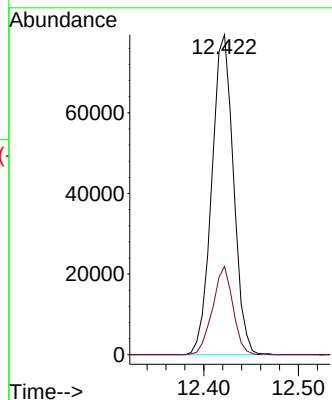


#73
Isopropylbenzene
Concen: 18.20 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

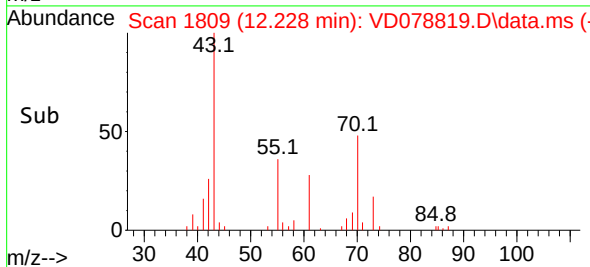
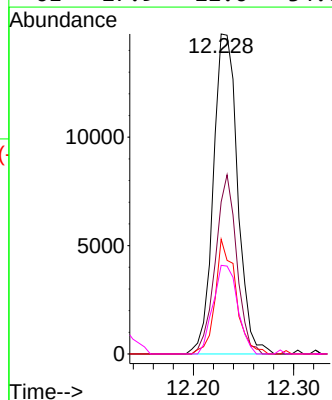
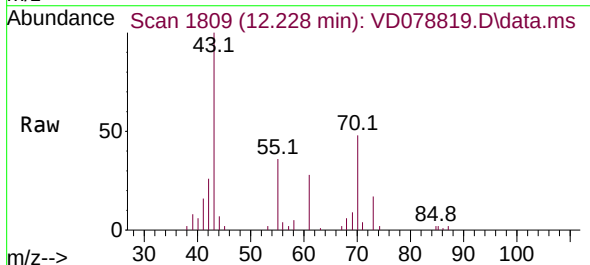


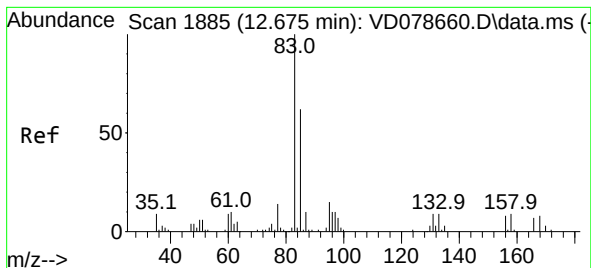
Tgt Ion:105 Resp: 126228
Ion Ratio Lower Upper
105 100
120 25.9 13.7 41.0



#74
N-ethyl acetate
Concen: 22.02 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 43 Resp: 24794
Ion Ratio Lower Upper
43 100
70 49.0 42.1 63.1
55 30.3 22.6 33.8
61 27.9 22.6 34.0

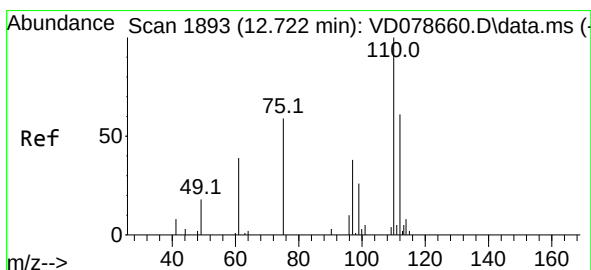
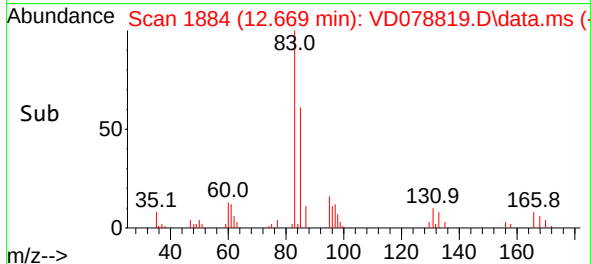
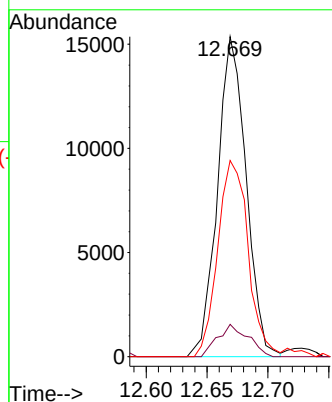
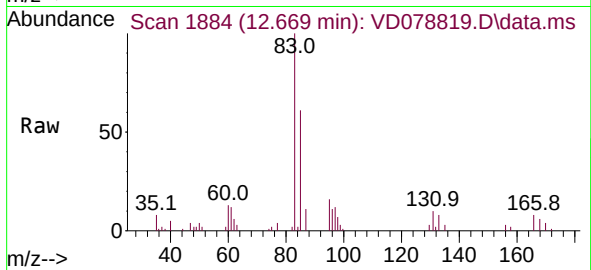




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.57 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

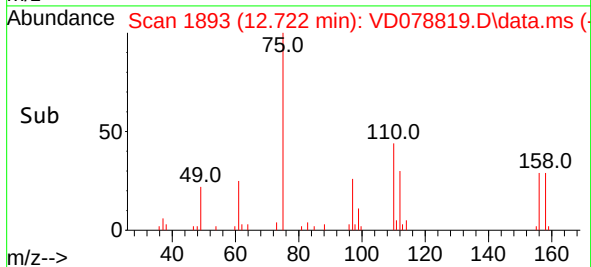
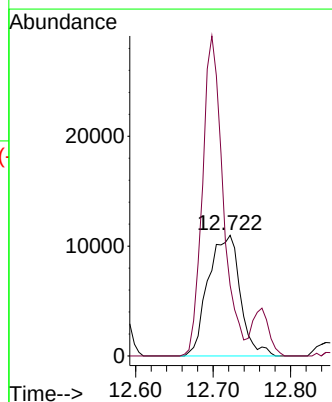
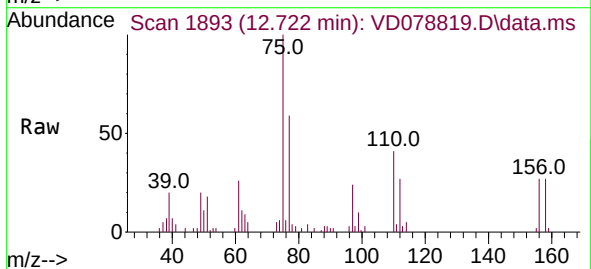
Instrument :
 MSVOA_D
 ClientSampleId :

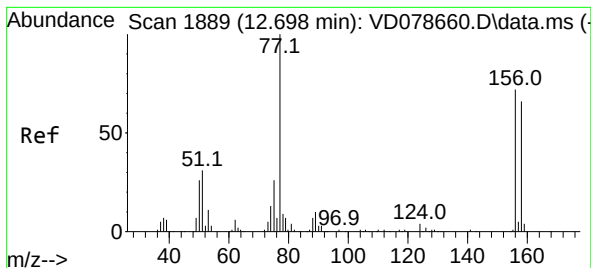
Tgt Ion: 83 Resp: 25126
 Ion Ratio Lower Upper
 83 100
 131 10.7 4.9 14.7
 85 64.8 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 38.83 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078819.D
 Acq: 16 Apr 2024 12:38

Tgt Ion: 75 Resp: 31511
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.05 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

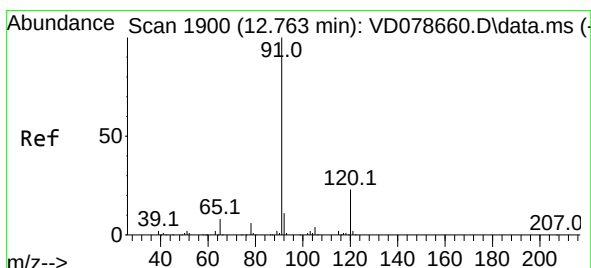
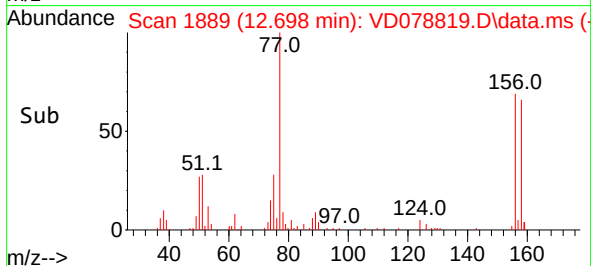
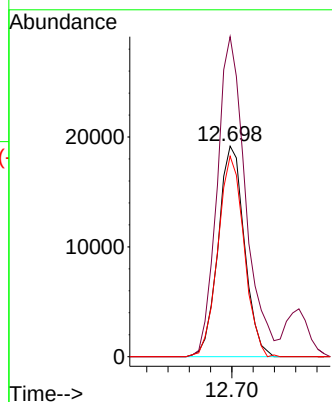
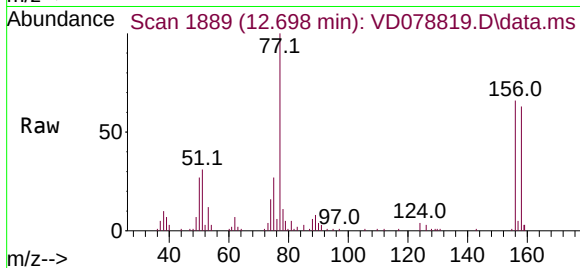
Tgt Ion:156 Resp: 32767

Ion Ratio Lower Upper

156 100

77 164.4 79.1 237.3

158 94.8 47.0 141.0



#78

n-propylbenzene

Concen: 19.02 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078819.D

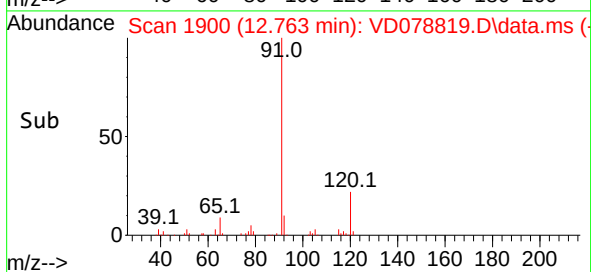
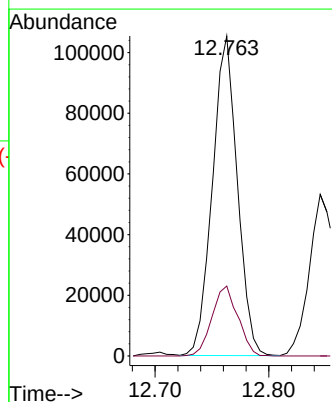
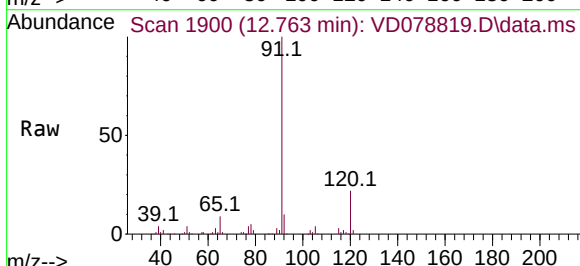
Acq: 16 Apr 2024 12:38

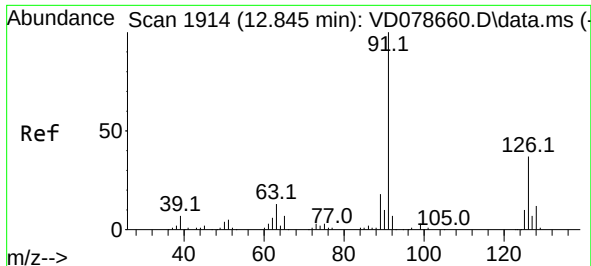
Tgt Ion: 91 Resp: 160526

Ion Ratio Lower Upper

91 100

120 22.8 11.7 35.1

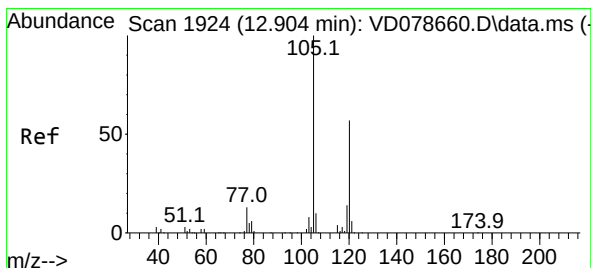
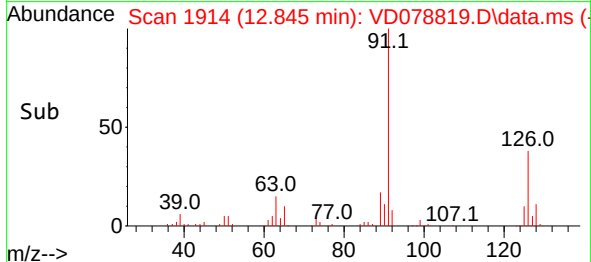
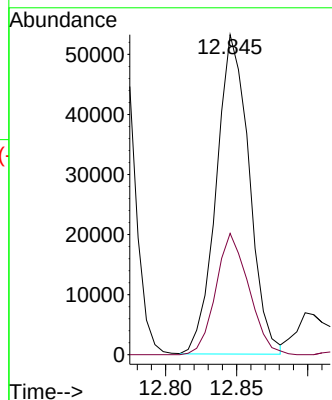
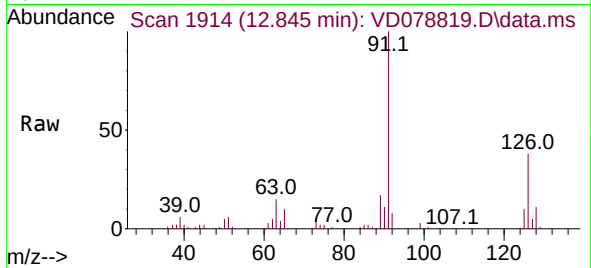




#79
2-Chlorotoluene
Concen: 18.49 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

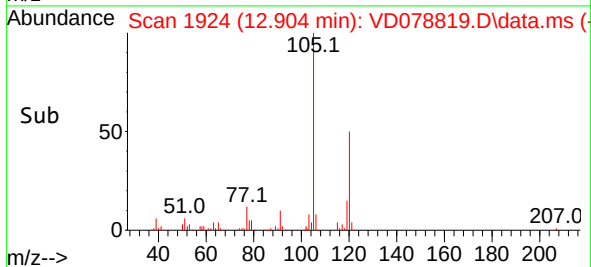
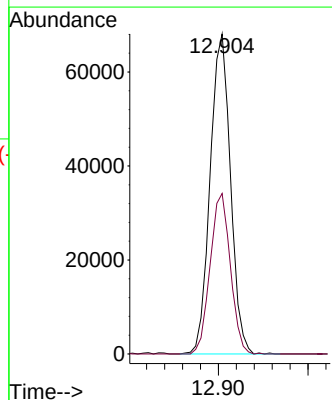
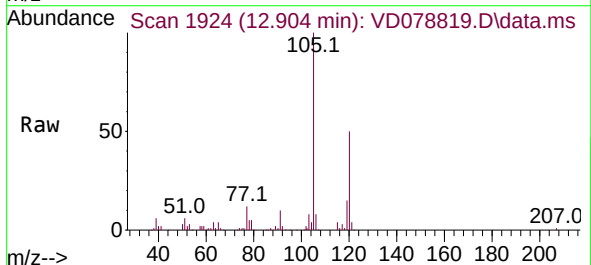
Instrument :
MSVOA_D
ClientSampleId :

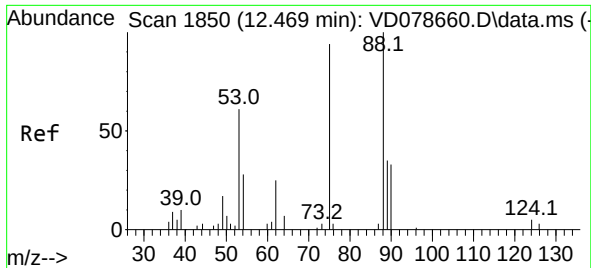
Tgt Ion: 91 Resp: 85638
Ion Ratio Lower Upper
91 100
126 38.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.66 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 105 Resp: 107028
Ion Ratio Lower Upper
105 100
120 49.8 25.9 77.7

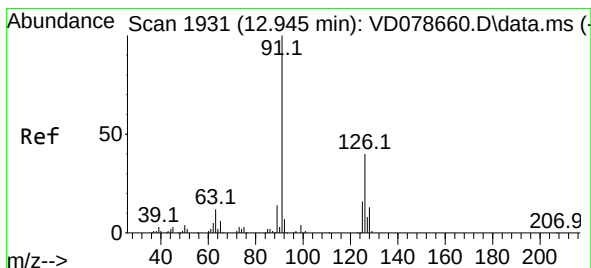
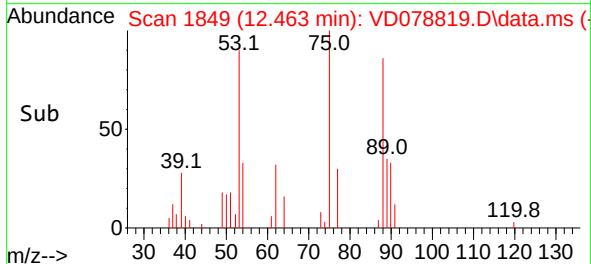
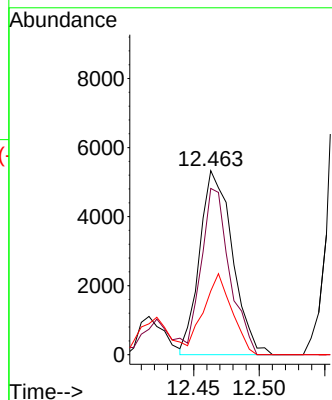
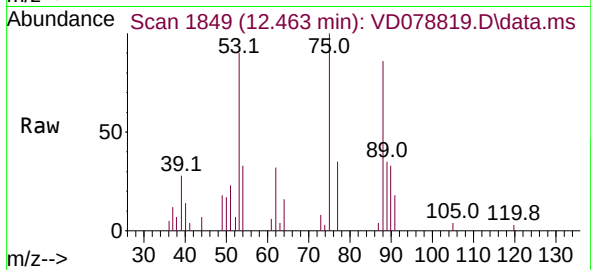




#81
trans-1,4-Dichloro-2-butene
Concen: 23.97 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

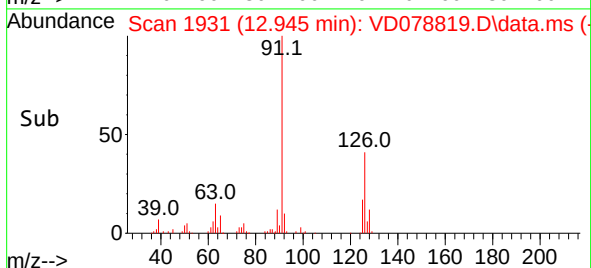
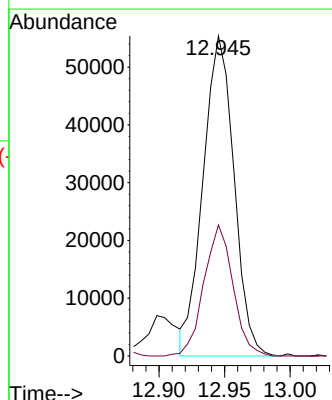
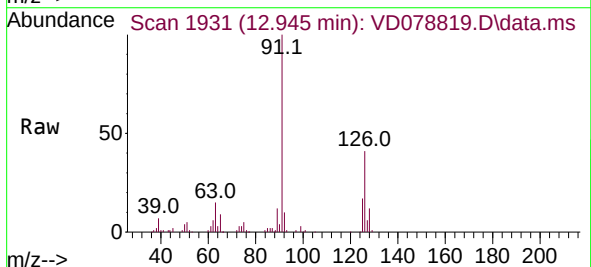
Instrument :
MSVOA_D
ClientSampleId :

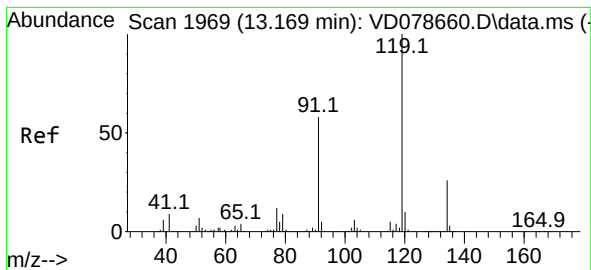
Tgt Ion: 75 Resp: 9280
Ion Ratio Lower Upper
75 100
53 80.3 61.0 91.6
89 37.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 18.55 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 91 Resp: 90852
Ion Ratio Lower Upper
91 100
126 38.5 18.9 56.5





#83

tert-Butylbenzene

Concen: 18.68 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

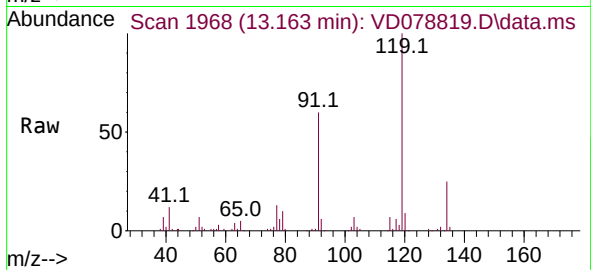
Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :



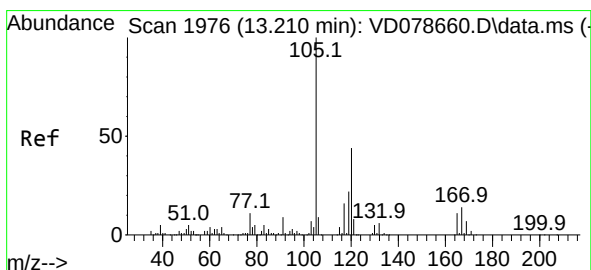
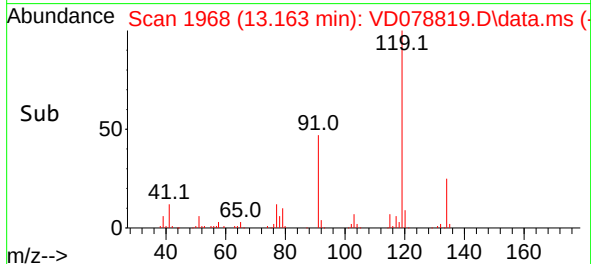
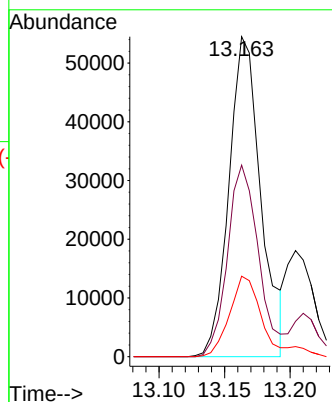
Tgt Ion:119 Resp: 92372

Ion Ratio Lower Upper

119 100

91 57.9 28.9 86.7

134 26.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 18.70 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078819.D

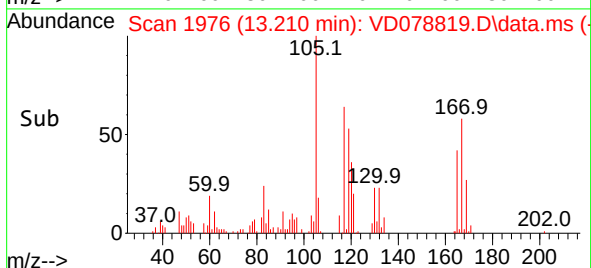
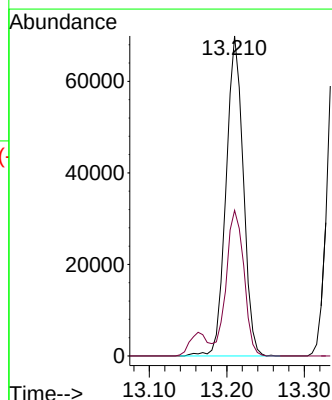
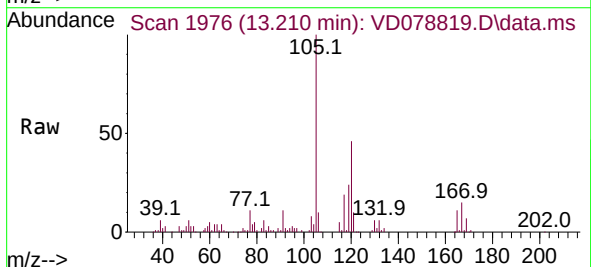
Acq: 16 Apr 2024 12:38

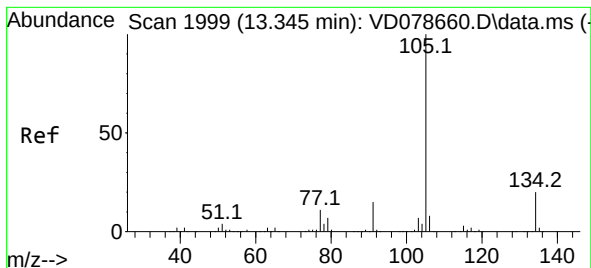
Tgt Ion:105 Resp: 108078

Ion Ratio Lower Upper

105 100

120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.79 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min MSVOA_D

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

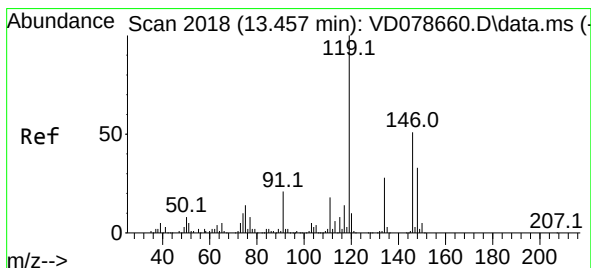
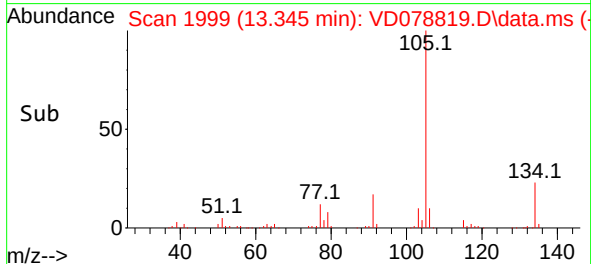
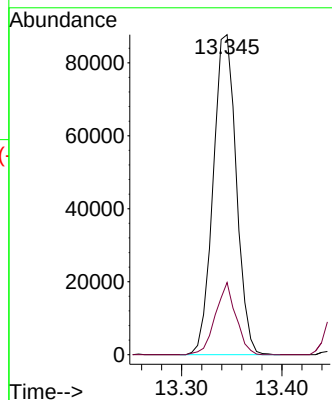
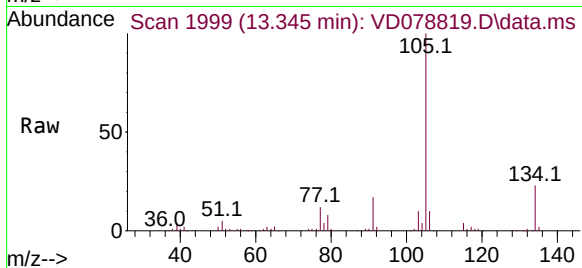
ClientSampleId :

Tgt Ion:105 Resp: 140580

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.2



#86

p-Isopropyltoluene

Concen: 18.50 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

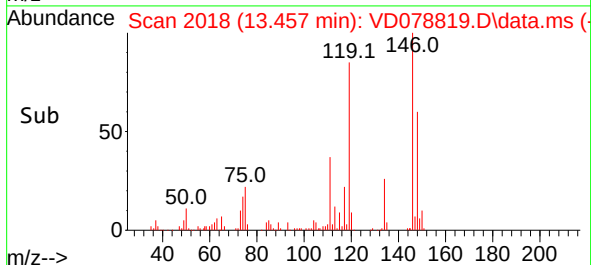
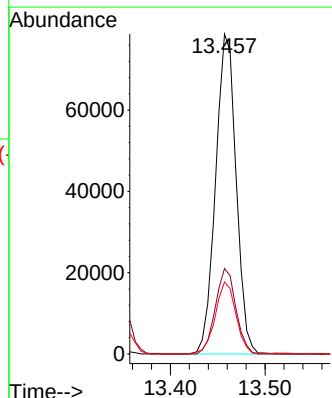
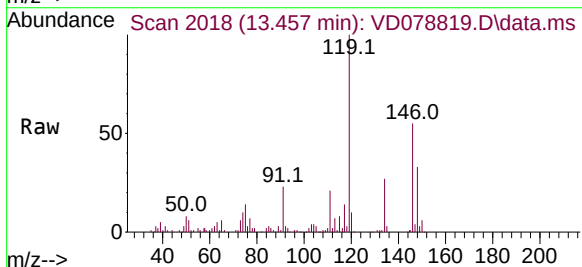
Tgt Ion:119 Resp: 118534

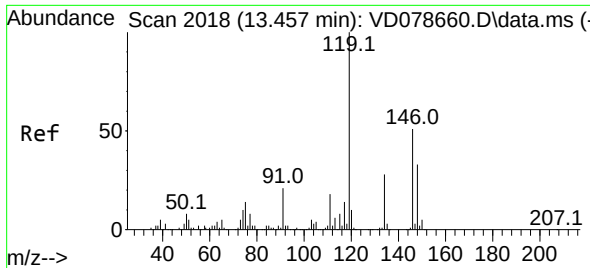
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 22.7 10.4 31.2

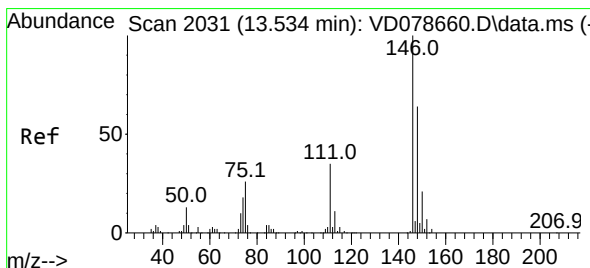
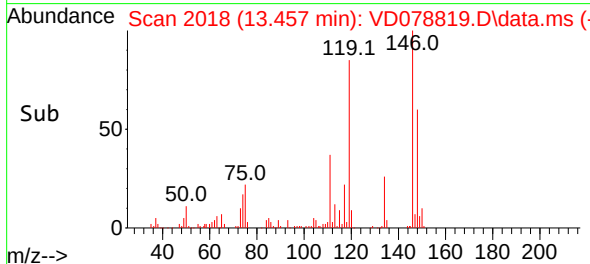
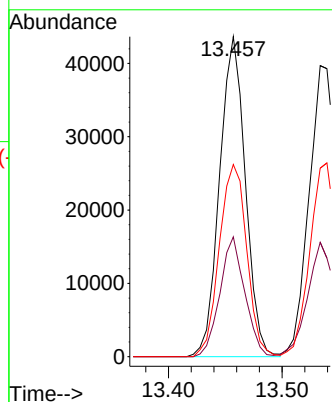
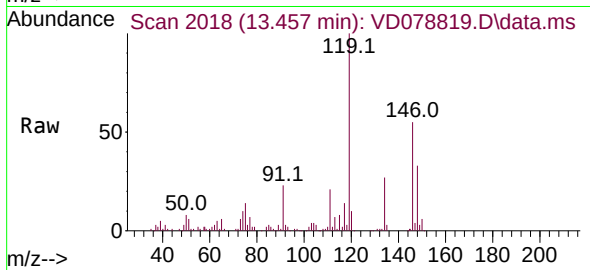




#87
1,3-Dichlorobenzene
Concen: 18.97 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

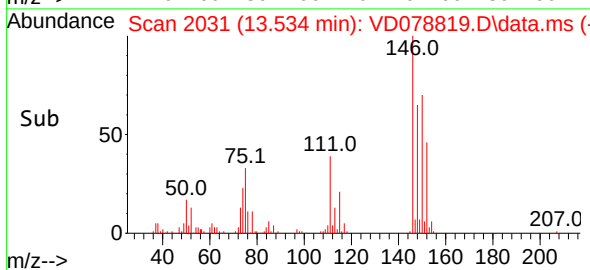
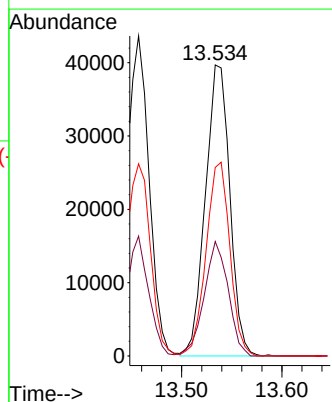
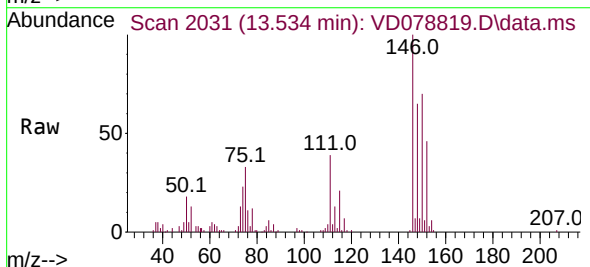
Instrument :
MSVOA_D
ClientSampleId :

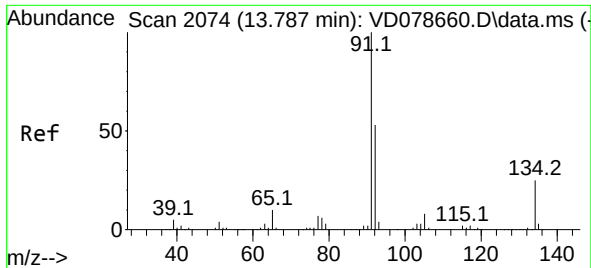
Tgt Ion:146 Resp: 68845
Ion Ratio Lower Upper
146 100
111 36.2 18.2 54.6
148 63.9 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 18.83 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion:146 Resp: 67346
Ion Ratio Lower Upper
146 100
111 38.8 17.8 53.3
148 64.9 32.4 97.0





#89

n-Butylbenzene

Concen: 18.52 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

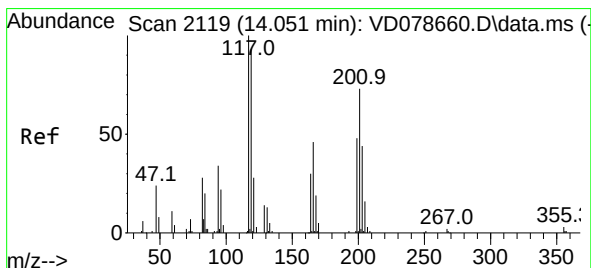
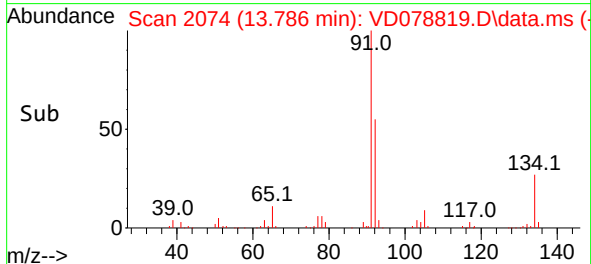
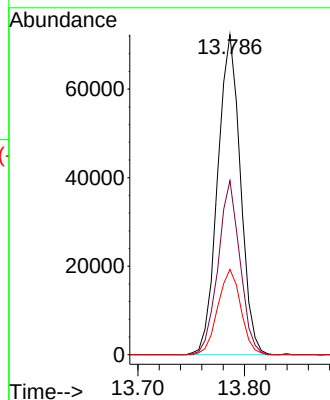
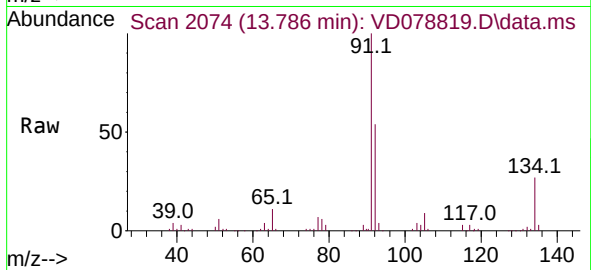
Tgt Ion: 91 Resp: 107160

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 26.9 13.0 38.9



#90

Hexachloroethane

Concen: 18.72 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078819.D

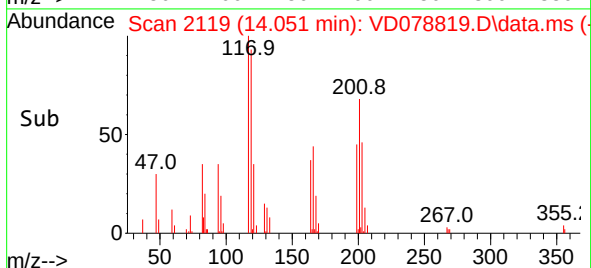
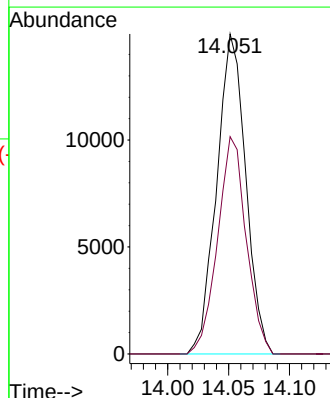
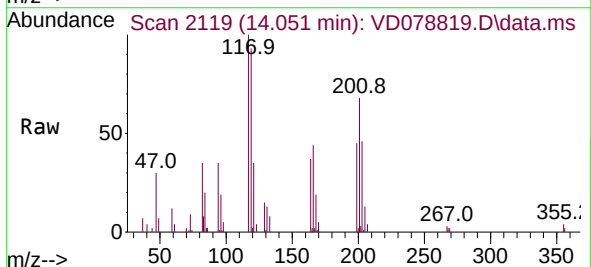
Acq: 16 Apr 2024 12:38

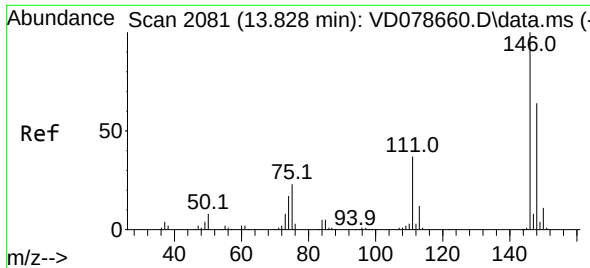
Tgt Ion: 117 Resp: 24820

Ion Ratio Lower Upper

117 100

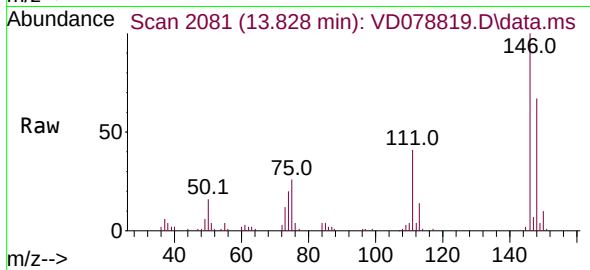
201 67.0 36.2 108.6



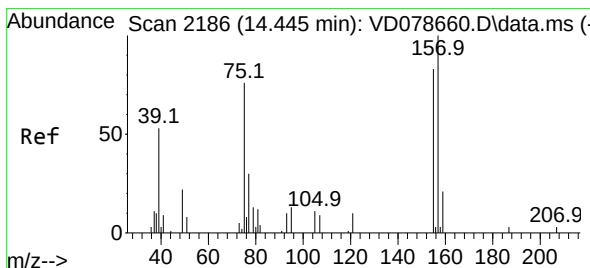
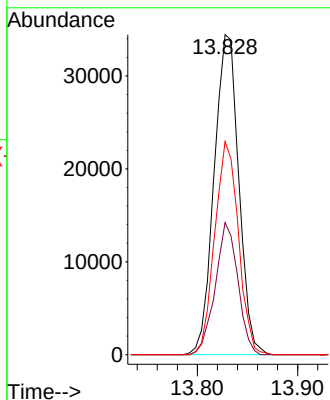
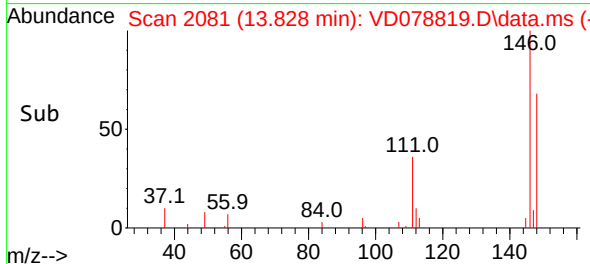


#91
1,2-Dichlorobenzene
Concen: 18.82 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

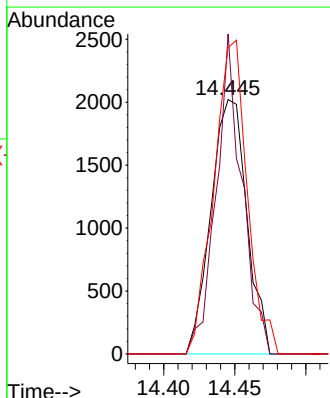
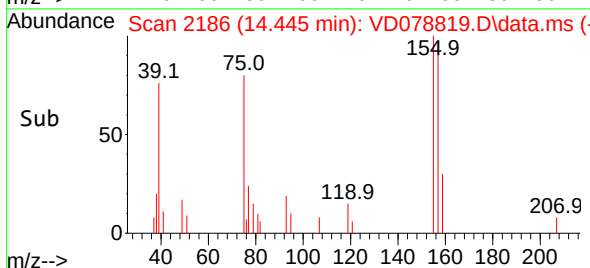
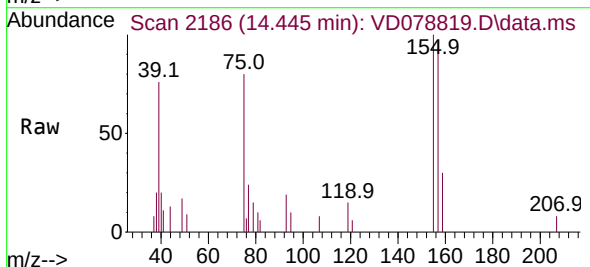


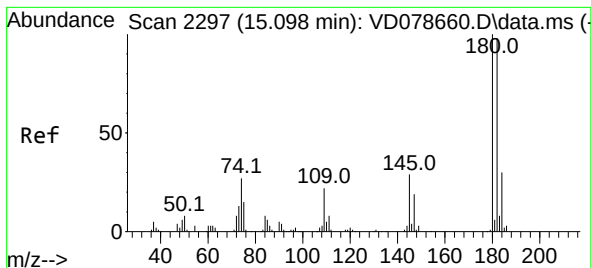
Tgt Ion:146 Resp: 58826
Ion Ratio Lower Upper
146 100
111 37.8 18.6 56.0
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.73 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion: 75 Resp: 3560
Ion Ratio Lower Upper
75 100
155 90.0 49.8 149.3
157 114.5 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 17.80 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

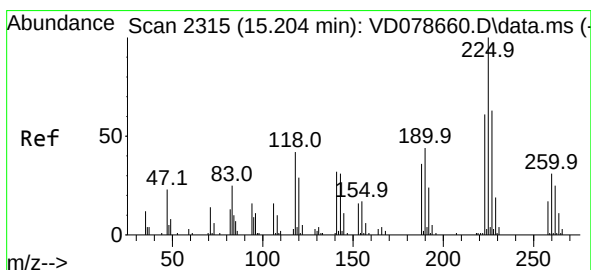
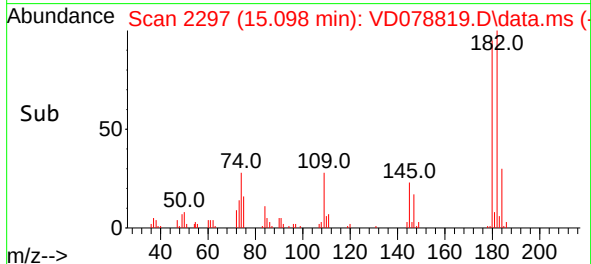
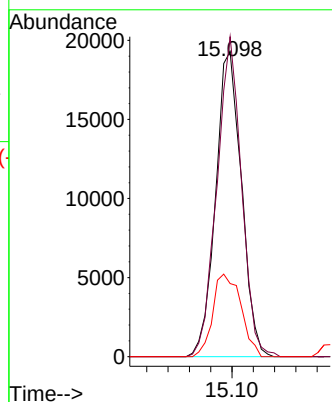
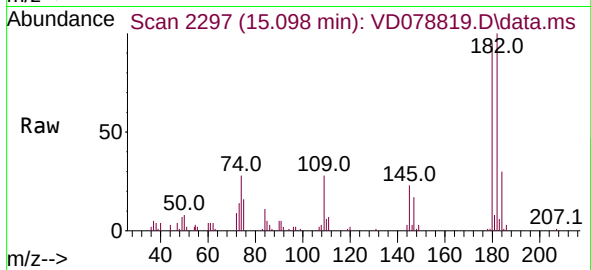
Tgt Ion:180 Resp: 32477

Ion Ratio Lower Upper

180 100

182 100.0 49.7 149.1

145 29.5 14.6 44.0



#94

Hexachlorobutadiene

Concen: 17.16 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078819.D

Acq: 16 Apr 2024 12:38

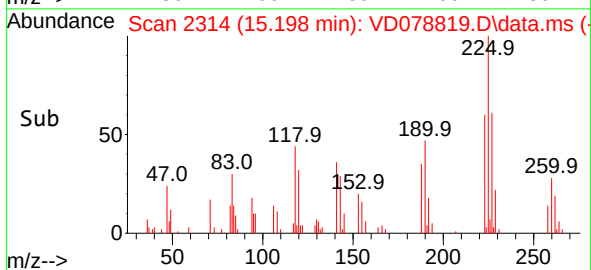
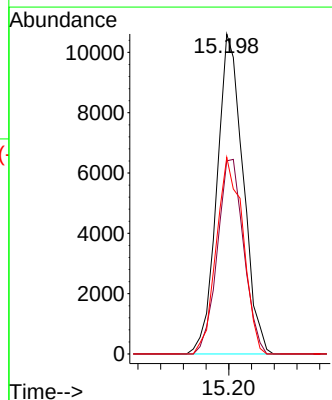
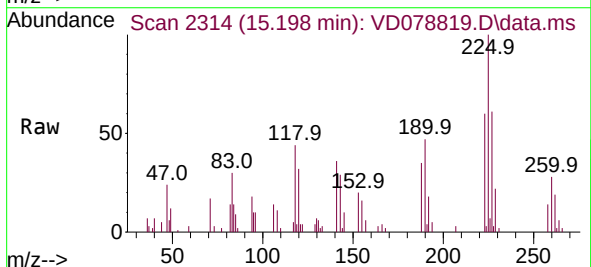
Tgt Ion:225 Resp: 16945

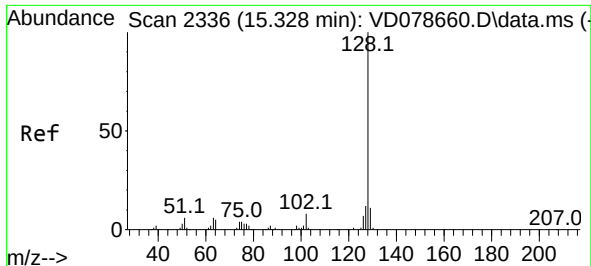
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.7

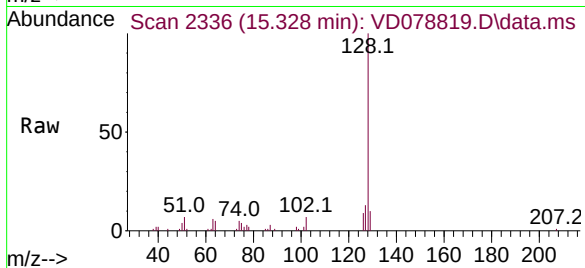
227 62.3 32.0 96.0



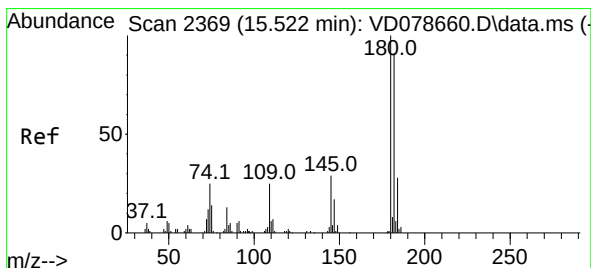
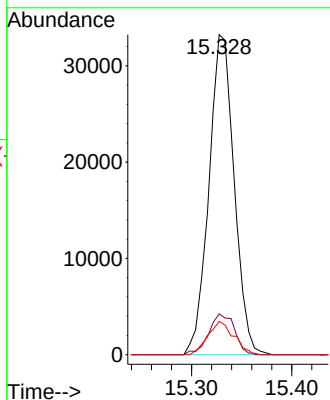


#95
Naphthalene
Concen: 18.35 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.3	13.9
129	10.4	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.29 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078819.D
Acq: 16 Apr 2024 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.7	140.1
145	32.5	14.4	43.4

