

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077730.D
 Acq On : 01 Dec 2023 17:59
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 04 03:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 04 03:09:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	267579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	251964	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	125773	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	145526	19.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
7) Chloroethane-d5	2.811	69	124784	21.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	3.928	65	38239	20.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.840%
21) 2-Butanone-d5	6.987	46	25000	27.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.220%
24) Chloroform-d	7.575	84	177499	24.613	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	8.234	65	84837	23.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.880%
32) Benzene-d6	8.204	84	361836	23.844	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.360%
36) 1,2-Dichloropropane-d6	9.210	67	108247	23.379	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.520%
41) Toluene-d8	10.269	98	336451	24.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	10.528	79	47148	23.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.120%
47) 2-Hexanone-d5	10.881	63	33964	42.569	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78998	23.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	108851	24.192	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	103149	24.147	ug/L	100
3) Chloromethane	2.152	50	137863	22.465	ug/L	100
5) Vinyl chloride	2.287	62	179544	23.488	ug/L	99
6) Bromomethane	2.705	94	94646	23.373	ug/L	97
8) Chloroethane	2.846	64	121238	25.409	ug/L	100
9) Trichlorofluoromethane	3.187	101	154866	23.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	94278	24.513	ug/L	97
13) Acetone	4.028	43	41973	35.522	ug/L	98
14) Carbon disulfide	4.281	76	331556	25.704	ug/L	100
15) Methyl Acetate	4.563	43	35194	20.806	ug/L	94
16) Methylene chloride	4.810	84	106751	22.469	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	102005	26.879	ug/L	98
18) Methyl tert-butyl Ether	5.328	73	205102	24.517	ug/L #	89
19) 1,1-Dichloroethane	6.116	63	184573	25.806	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	111627	26.470	ug/L	96
23) Bromochloromethane	7.434	128	47714	27.177	ug/L	99
25) Chloroform	7.604	83	187702	26.656	ug/L	89
27) 1,2-Dichloroethane	8.334	62	116352	26.416	ug/L	98
29) Cyclohexane	7.887	56	155226	23.346	ug/L	96

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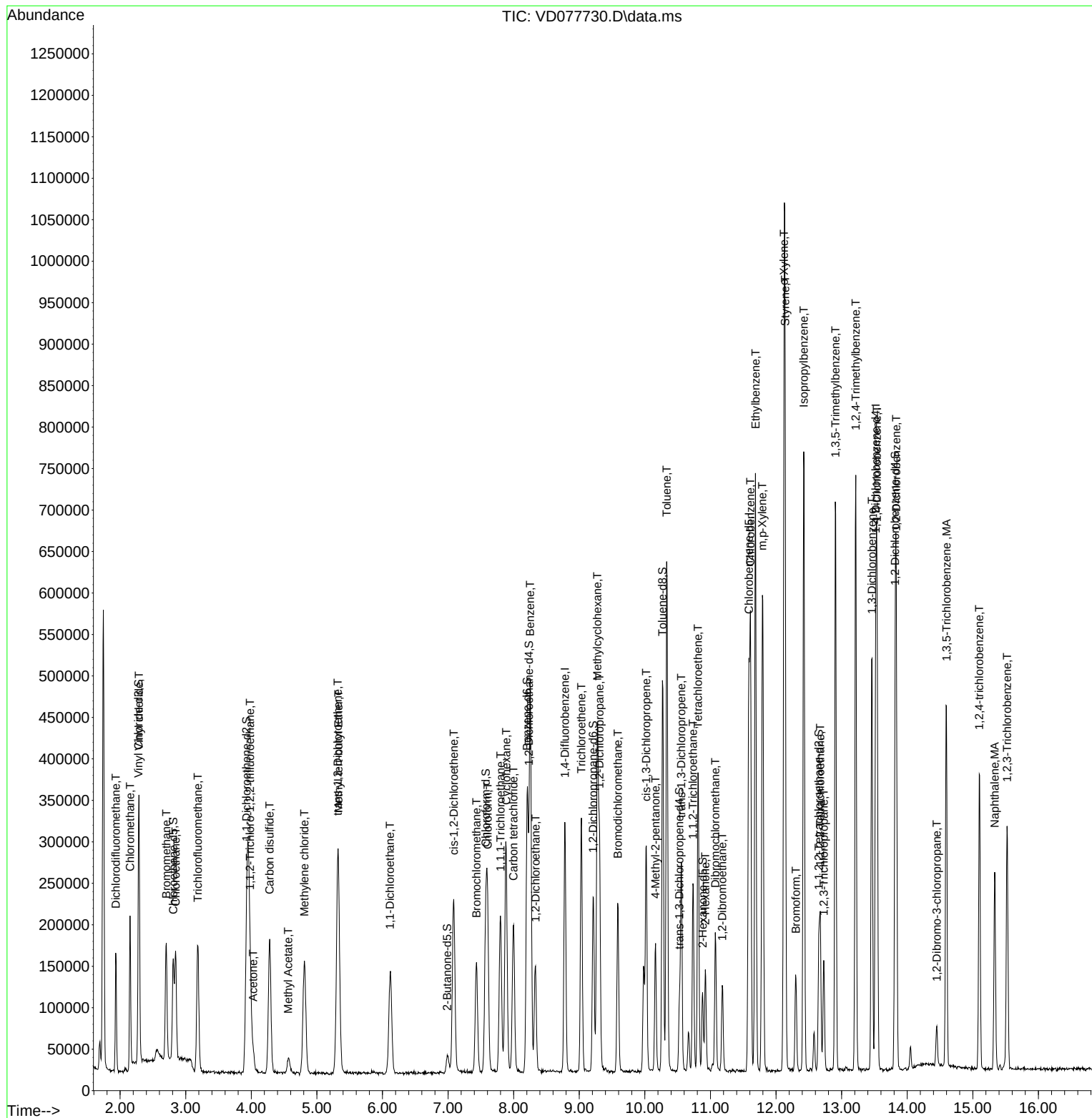
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.799	97	156369	25.362	ug/L	100
31) Carbon tetrachloride	7.999	117	139581	25.744	ug/L	98
33) Benzene	8.251	78	432606	26.379	ug/L	100
34) Trichloroethene	9.034	95	106912	26.262	ug/L	98
35) Methylcyclohexane	9.275	83	175628	24.301	ug/L	99
37) 1,2-Dichloropropane	9.310	63	112458	26.300	ug/L	98
38) Bromodichloromethane	9.587	83	135661	26.090	ug/L	95
39) cis-1,3-Dichloropropene	10.022	75	168086	25.172	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	100876	42.753	ug/L	95
42) Toluene	10.334	91	468704	26.907	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	139898	25.084	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	74879	26.075	ug/L	95
46) Tetrachloroethene	10.810	164	81584	24.853	ug/L	91
48) 2-Hexanone	10.922	43	79155	39.468	ug/L	96
49) Dibromochloromethane	11.075	129	85539	25.051	ug/L	99
50) 1,2-Dibromoethane	11.181	107	70107	25.314	ug/L	97
51) Chlorobenzene	11.610	112	280918	26.008	ug/L	98
52) Ethylbenzene	11.687	91	509136	26.366	ug/L	98
53) m,p-Xylene	11.792	106	191958	26.309	ug/L	98
54) o-Xylene	12.122	106	184439	26.413	ug/L	98
55) Styrene	12.140	104	330228	27.026	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	82209	24.160	ug/L	95
59) Bromoform	12.304	173	52486	25.221	ug/L #	98
60) Isopropylbenzene	12.422	105	500107	26.641	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	55362	23.930	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	373409	26.484	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	380691	26.629	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	213412	26.287	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	219023	25.998	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	189021	25.874	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	11749	21.538	ug/L	97
69) 1,3,5-Trichlorobenzene	14.598	180	139143	25.169	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	114851	24.472	ug/L	98
71) Naphthalene	15.333	128	202771	23.633	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	100100	24.330	ug/L	98

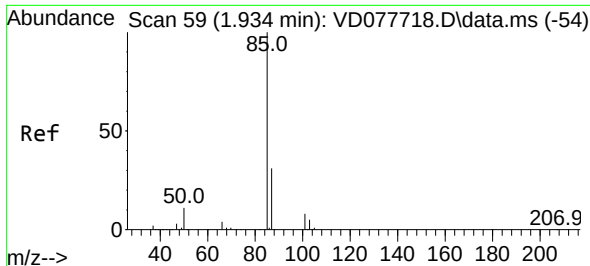
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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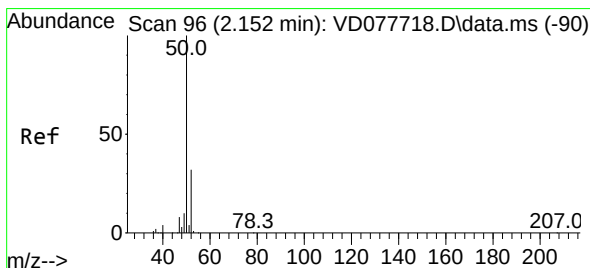
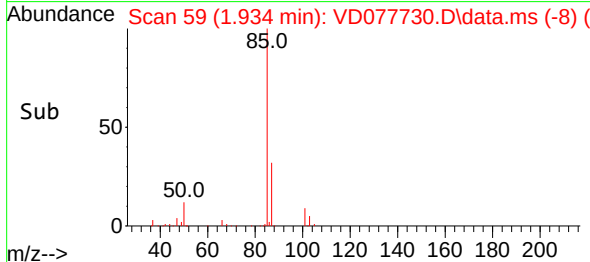
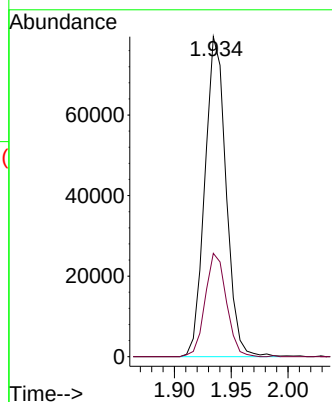
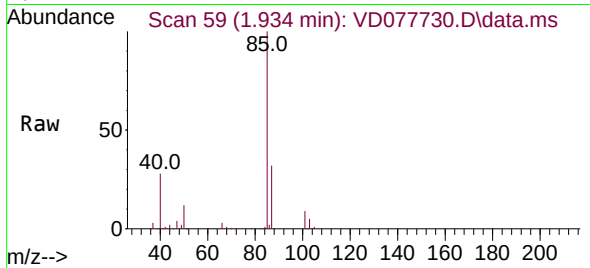




#2
Dichlorodifluoromethane
Concen: 24.147 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

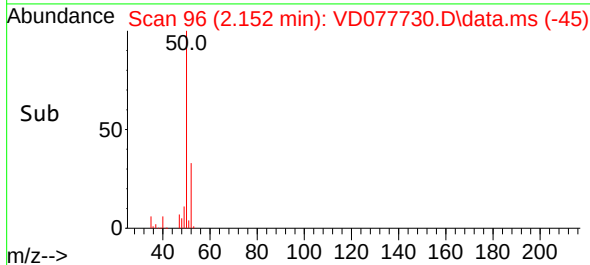
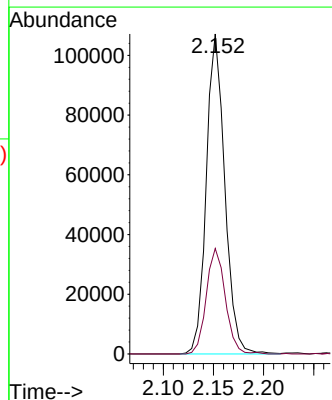
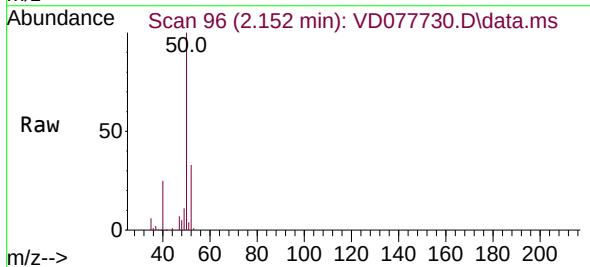
Instrument :
MSVOA_D
ClientSampleId :

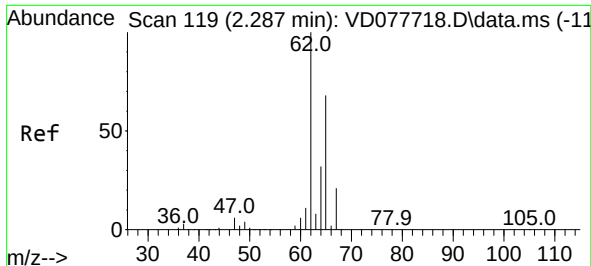
Tgt Ion: 85 Resp: 103149
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4



#3
Chloromethane
Concen: 22.465 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 50 Resp: 137863
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

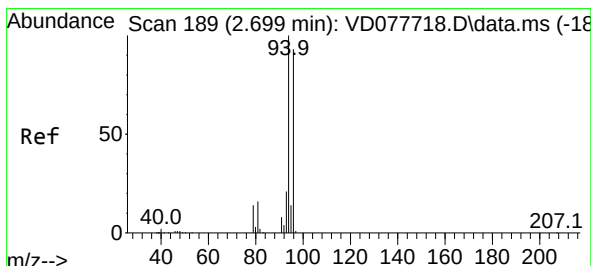
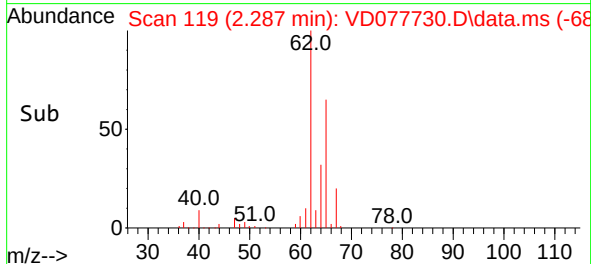
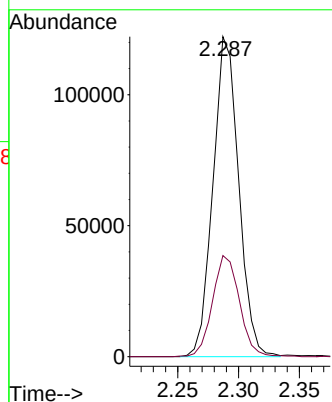
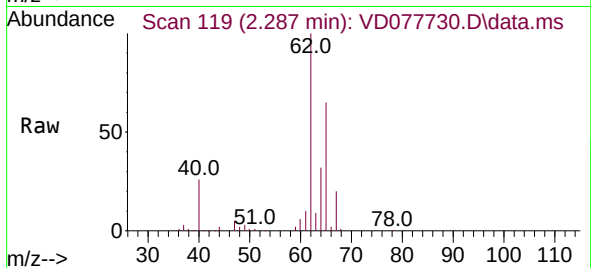




#5
Vinyl chloride
Concen: 23.488 ug/L
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

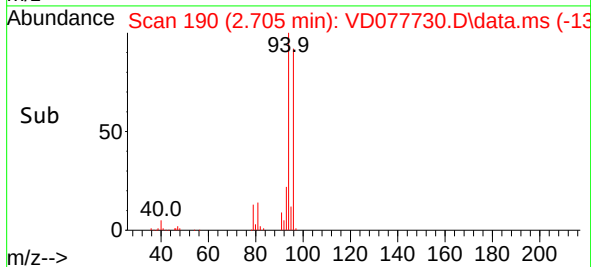
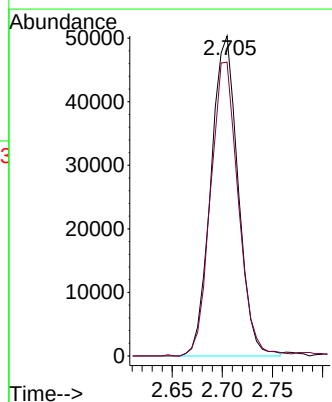
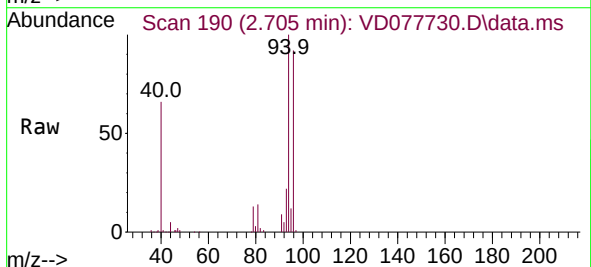
Instrument :
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ClientSampleId :

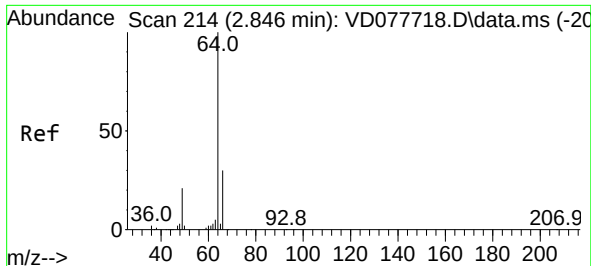
Tgt Ion: 62 Resp: 179544
Ion Ratio Lower Upper
62 100
64 31.6 22.6 42.0



#6
Bromomethane
Concen: 23.373 ug/L
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

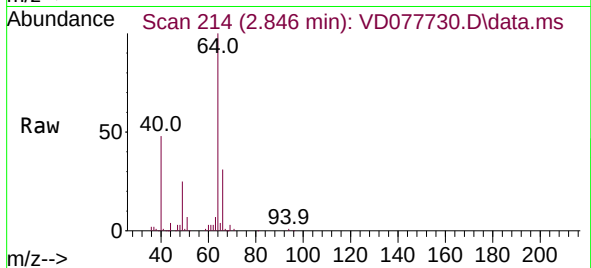
Tgt Ion: 94 Resp: 94646
Ion Ratio Lower Upper
94 100
96 91.8 66.0 122.6



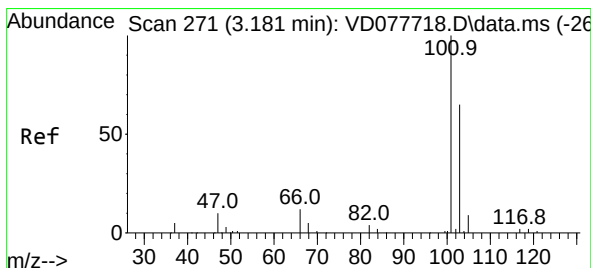
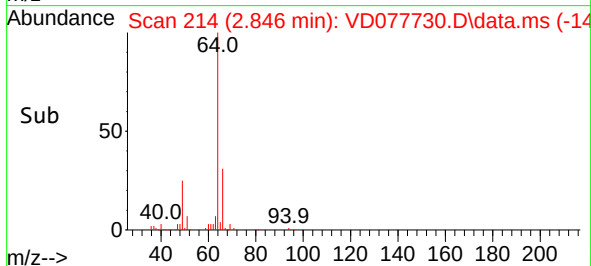
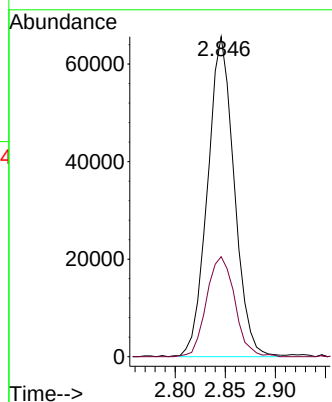


#8
Chloroethane
Concen: 25.409 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Instrument :
MSVOA_D
ClientSampleId :

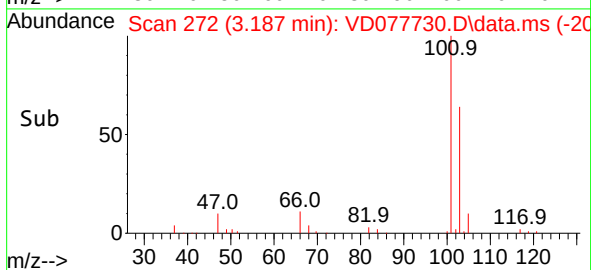
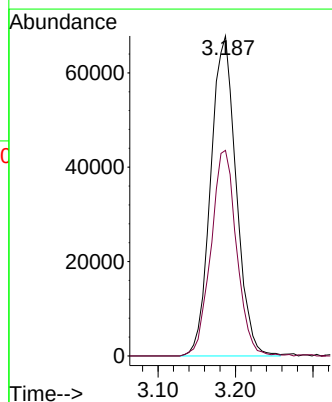
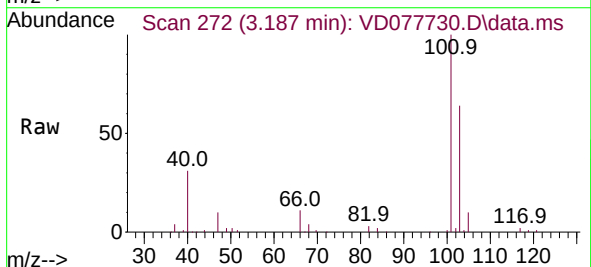


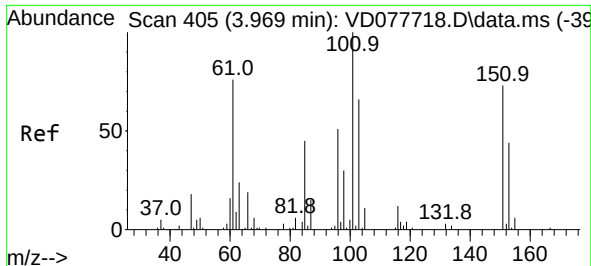
Tgt Ion: 64 Resp: 121238
Ion Ratio Lower Upper
64 100
66 31.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.754 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion:101 Resp: 154866
Ion Ratio Lower Upper
101 100
103 64.4 52.5 78.7

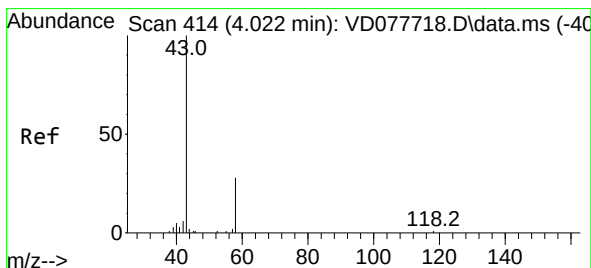
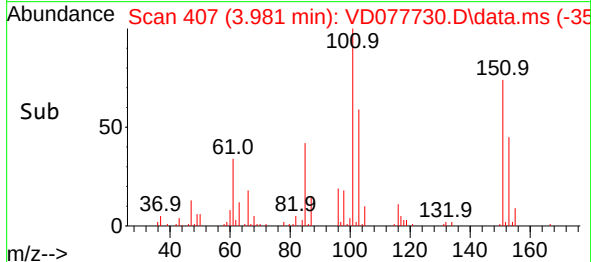
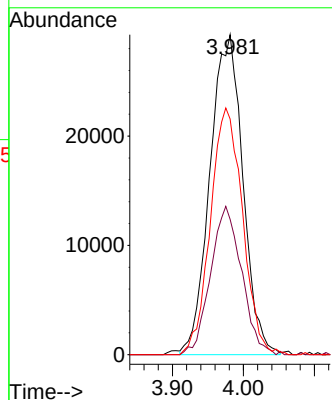
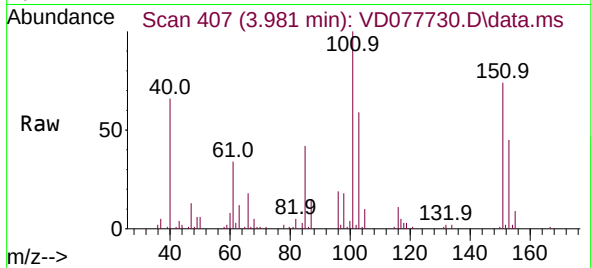




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.513 ug/L
 RT: 3.981 min Scan# 407
 Delta R.T. 0.012 min
 Lab File: VD077730.D
 Acq: 01 Dec 2023 17:59

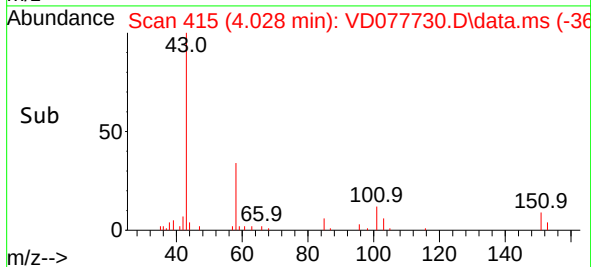
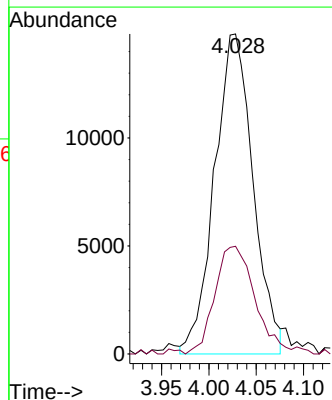
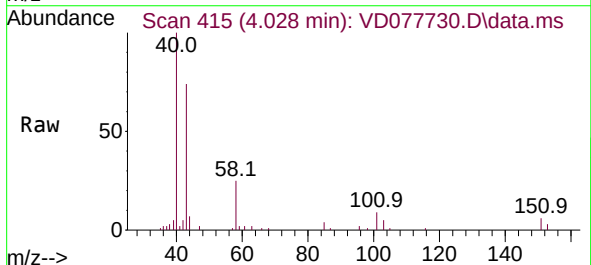
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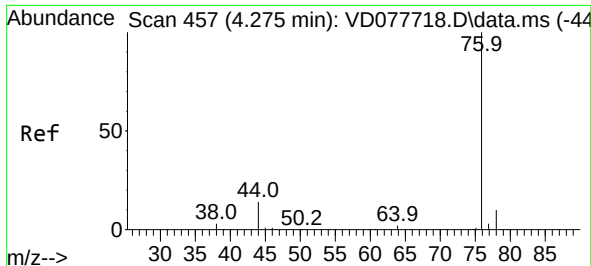
Tgt Ion:101 Resp: 94278
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.8 53.6
 151 75.0 57.0 85.6



#13
 Acetone
 Concen: 35.522 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VD077730.D
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Tgt Ion: 43 Resp: 41973
 Ion Ratio Lower Upper
 43 100
 58 34.8 0.0 67.2

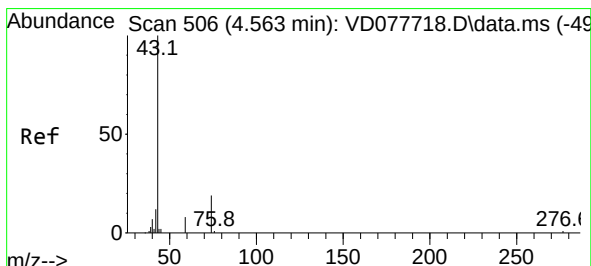
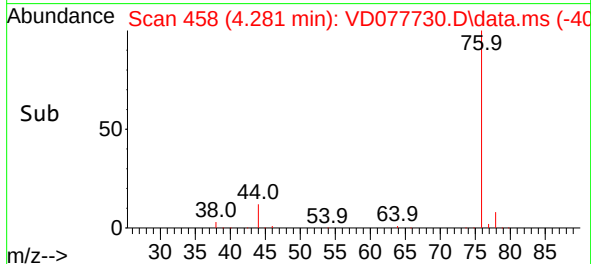
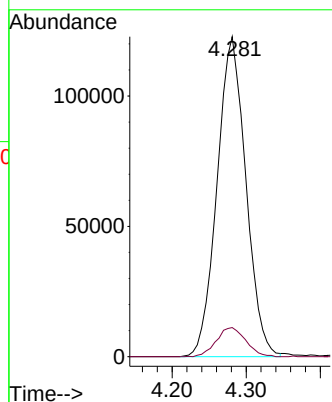
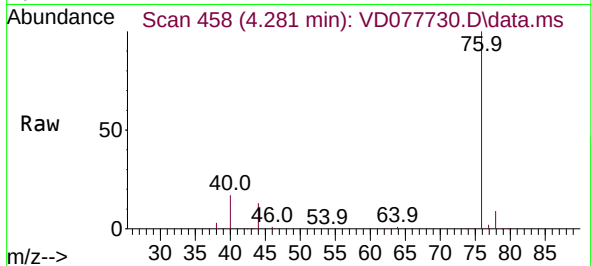




#14
Carbon disulfide
Concen: 25.704 ug/L
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

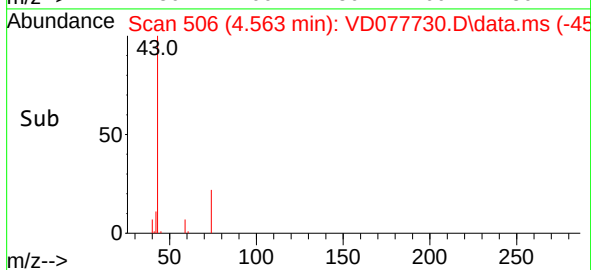
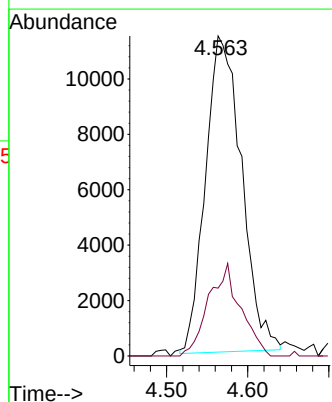
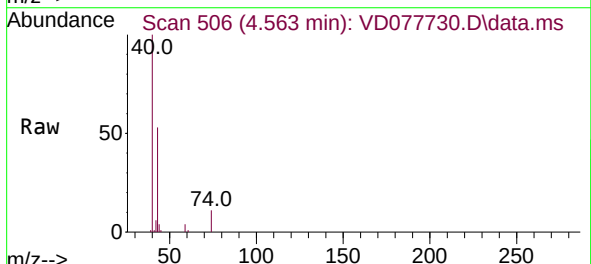
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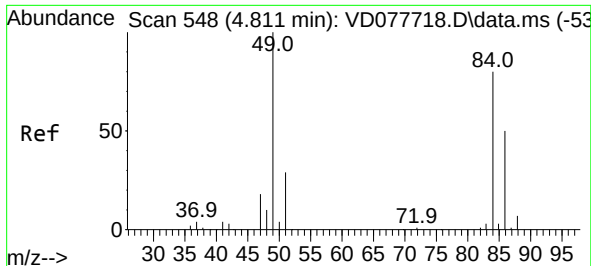
Tgt Ion: 76 Resp: 331556
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#15
Methyl Acetate
Concen: 20.806 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
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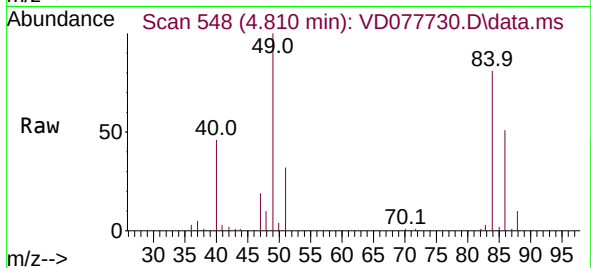
Tgt Ion: 43 Resp: 35194
Ion Ratio Lower Upper
43 100
74 25.9 18.6 27.8



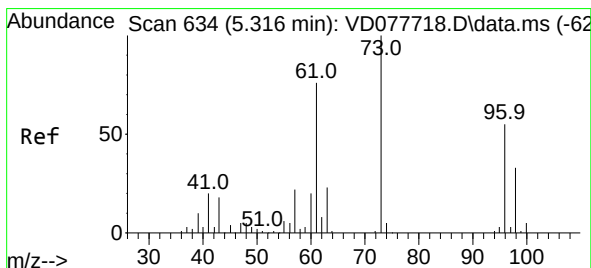
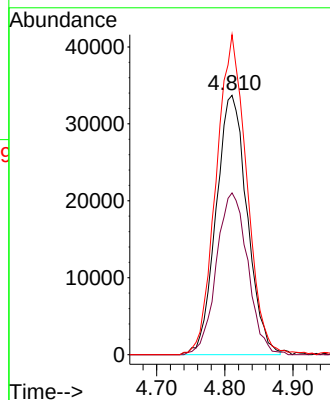
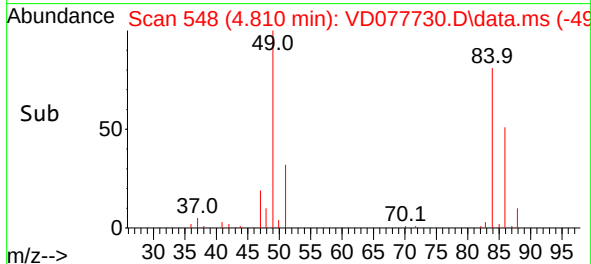


#16
Methylene chloride
Concen: 22.469 ug/L
RT: 4.810 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Instrument :
MSVOA_D
ClientSampleId :

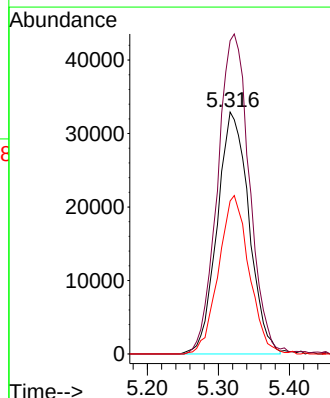
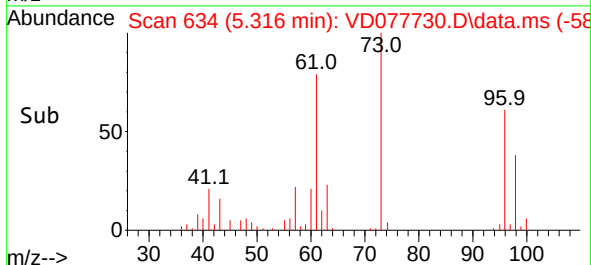
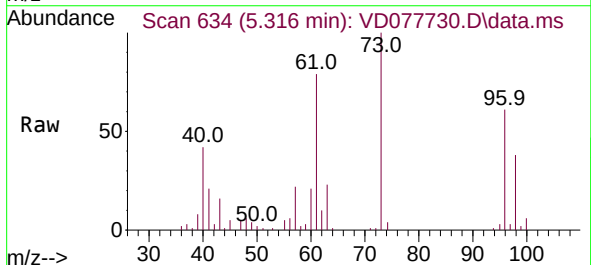


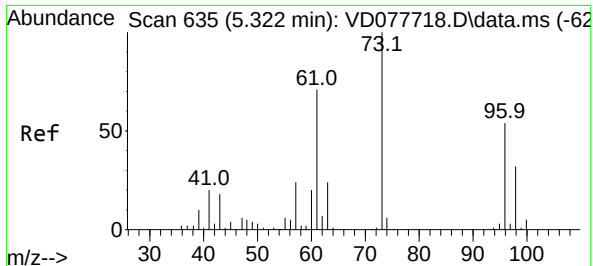
Tgt Ion: 84 Resp: 106751
Ion Ratio Lower Upper
84 100
86 62.4 40.1 74.5
49 123.4 83.2 154.6



#17
trans-1,2-Dichloroethene
Concen: 26.879 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 96 Resp: 102005
Ion Ratio Lower Upper
96 100
61 129.4 92.3 171.3
98 63.2 44.7 82.9





#18

Methyl tert-butyl Ether

Concen: 24.517 ug/L

RT: 5.328 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

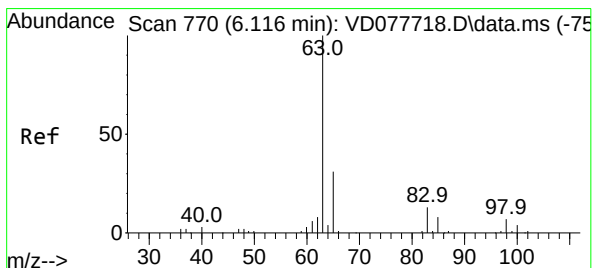
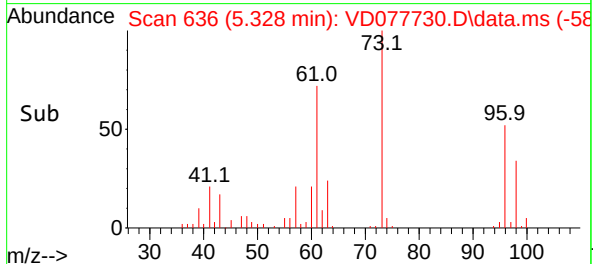
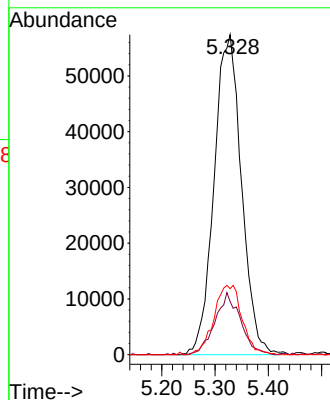
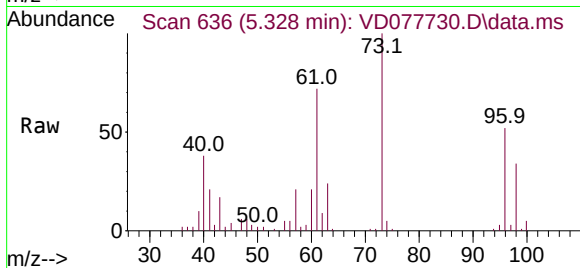
Tgt Ion: 73 Resp: 205102

Ion Ratio Lower Upper

73 100

43 18.0 15.0 22.4

57 13.4 18.1 27.1#



#19

1,1-Dichloroethane

Concen: 25.806 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

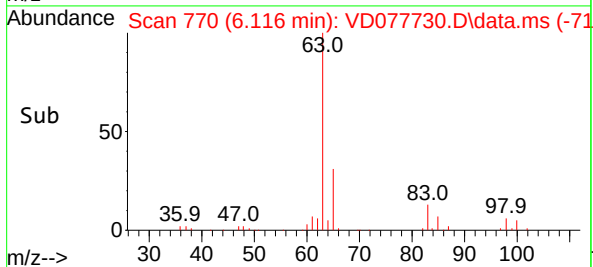
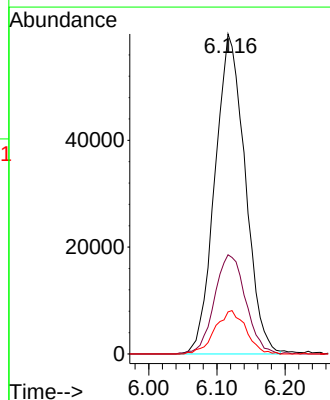
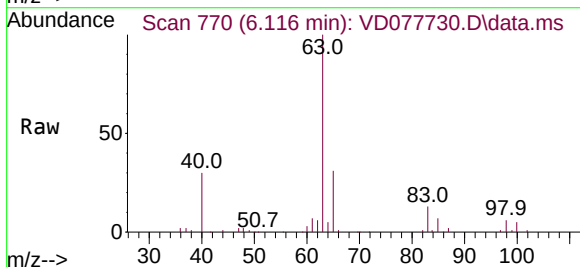
Tgt Ion: 63 Resp: 184573

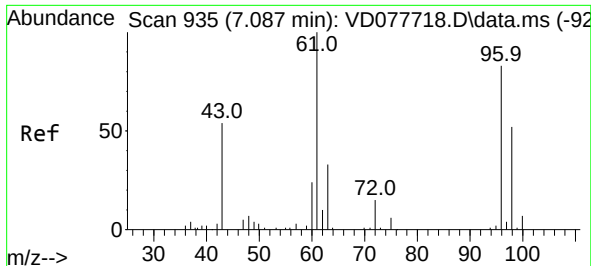
Ion Ratio Lower Upper

63 100

65 31.0 20.9 38.9

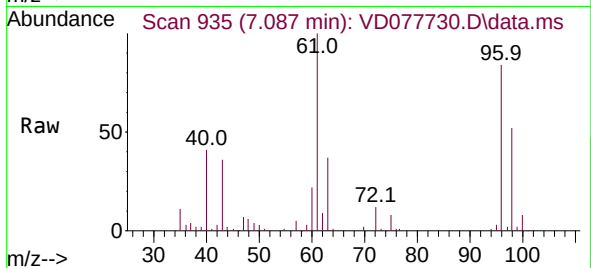
83 13.1 9.7 17.9





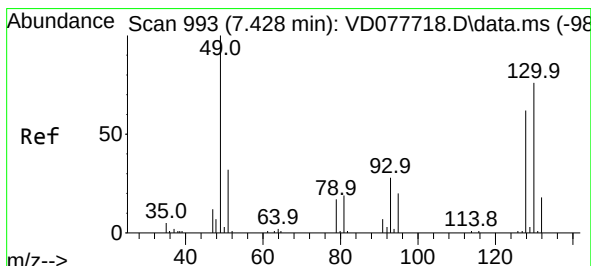
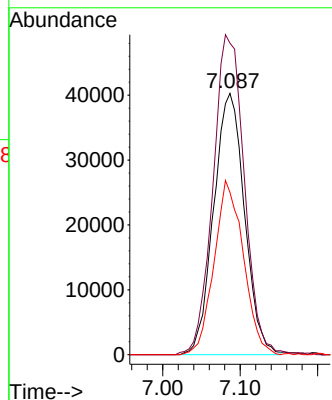
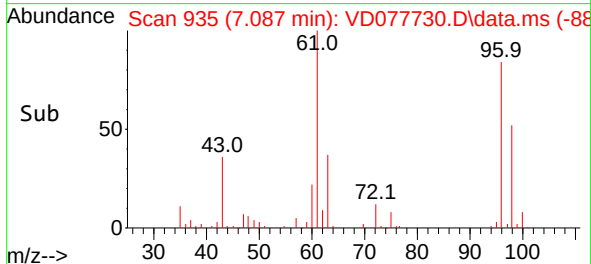
#20
cis-1,2-Dichloroethene
Concen: 26.470 ug/L
RT: 7.087 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Instrument :
MSVOA_D
ClientSampleId :

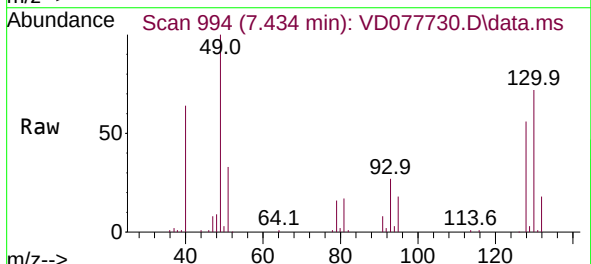


Tgt Ion: 96 Resp: 111627

Ion	Ratio	Lower	Upper
96	100		
61	119.2	88.1	163.5
98	62.1	44.1	81.9

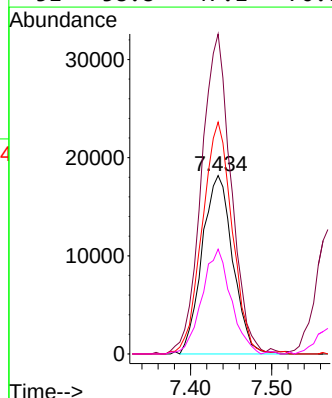
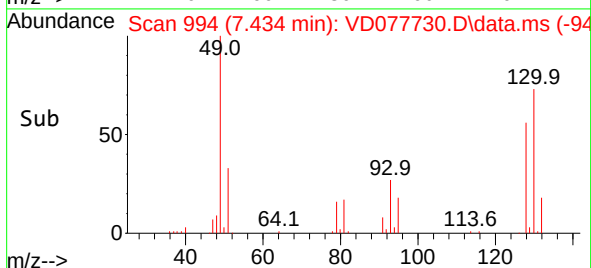


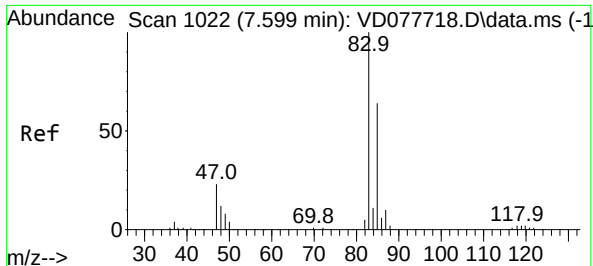
#23
Bromochloromethane
Concen: 27.177 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59



Tgt Ion: 128 Resp: 47714

Ion	Ratio	Lower	Upper
128	100		
49	179.4	124.7	231.5
130	130.0	92.3	171.3
51	58.8	47.1	70.7





#25

Chloroform

Concen: 26.656 ug/L

RT: 7.604 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

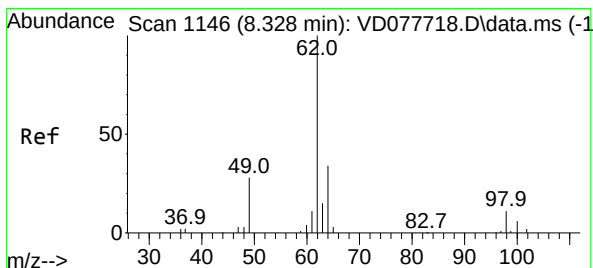
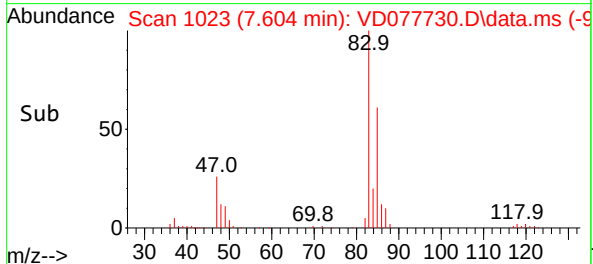
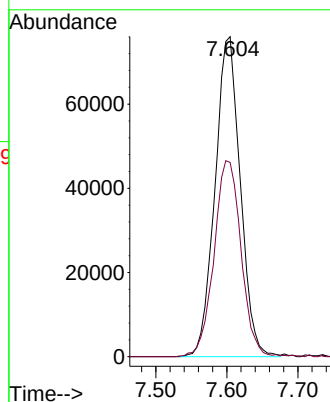
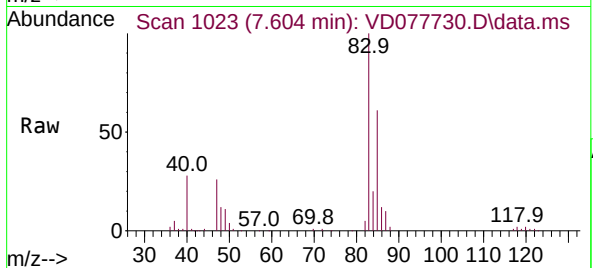
ClientSampleId :

Tgt Ion: 83 Resp: 187702

Ion Ratio Lower Upper

83 100

85 60.7 48.9 90.9



#27

1,2-Dichloroethane

Concen: 26.416 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VD077730.D

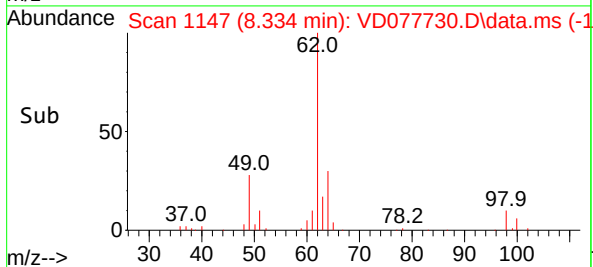
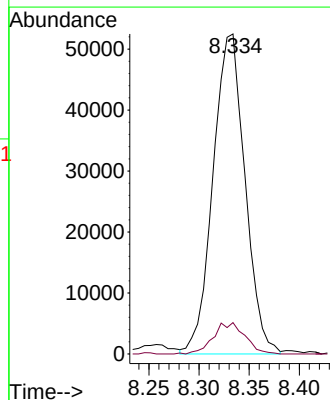
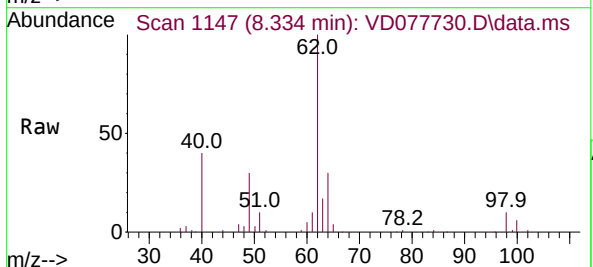
Acq: 01 Dec 2023 17:59

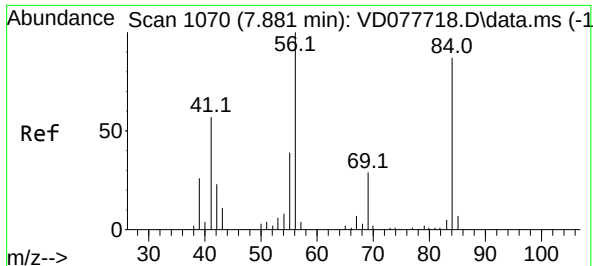
Tgt Ion: 62 Resp: 116352

Ion Ratio Lower Upper

62 100

98 9.8 8.4 12.6





#29

Cyclohexane

Concen: 23.346 ug/L

RT: 7.887 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

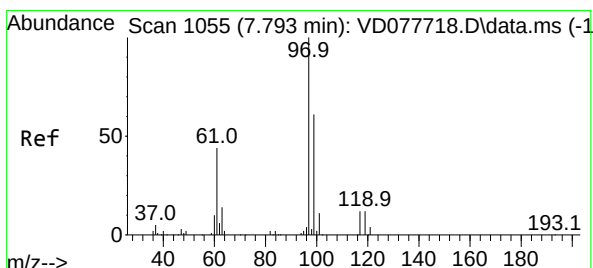
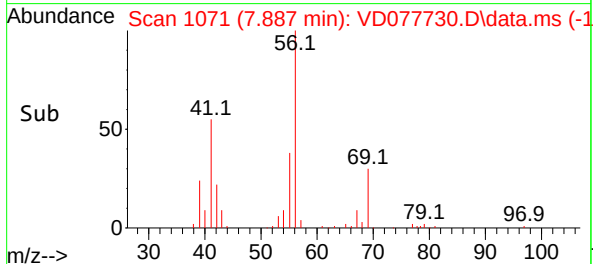
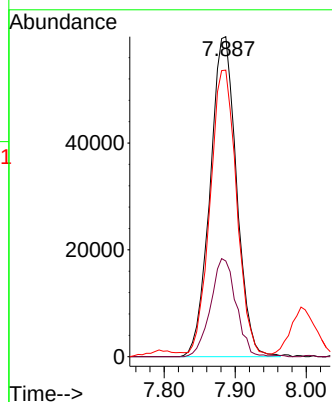
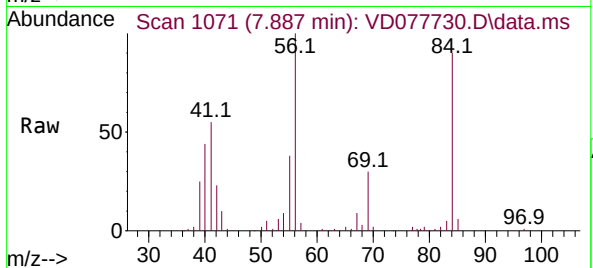
Tgt Ion: 56 Resp: 155226

Ion Ratio Lower Upper

56 100

69 29.4 22.2 33.4

84 89.9 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 25.362 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

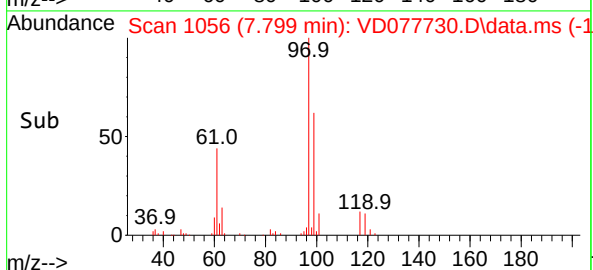
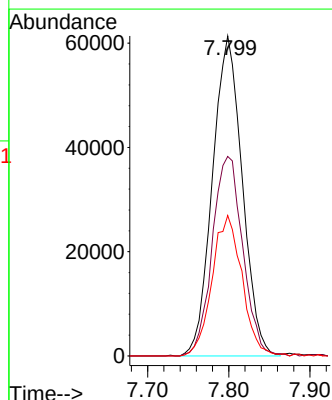
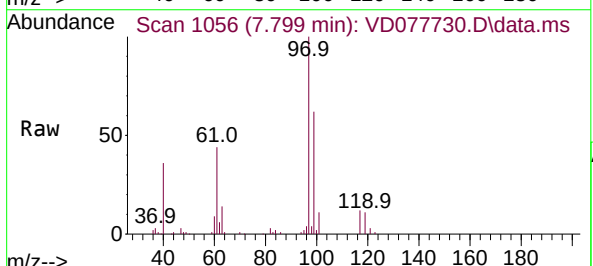
Tgt Ion: 97 Resp: 156369

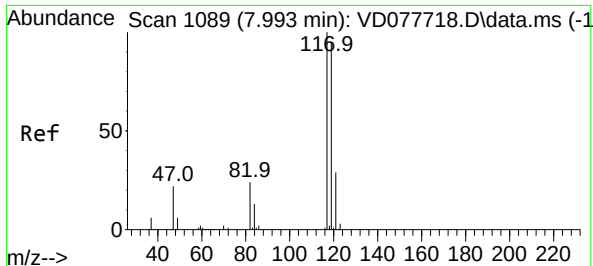
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 44.0 35.4 53.2

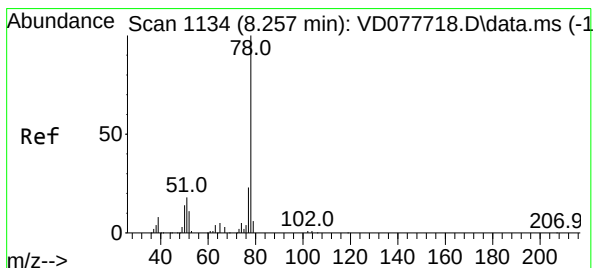
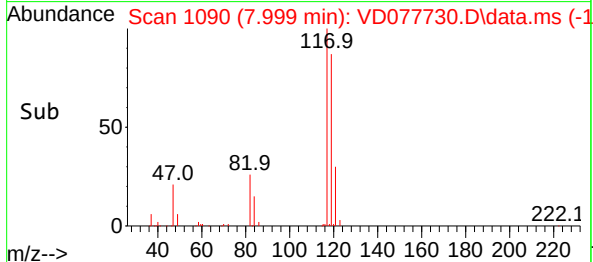
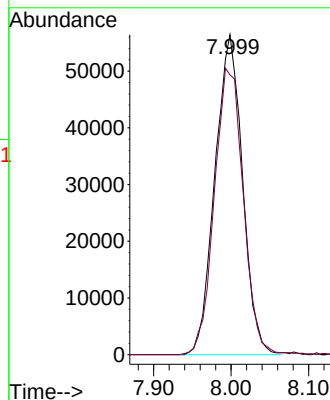
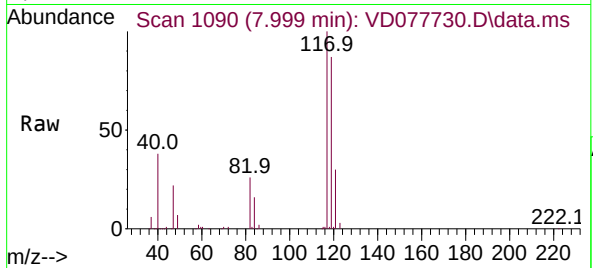




#31
Carbon tetrachloride
Concen: 25.744 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

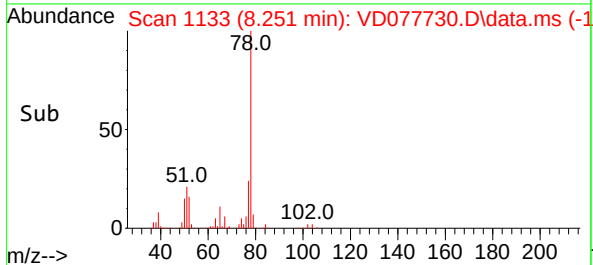
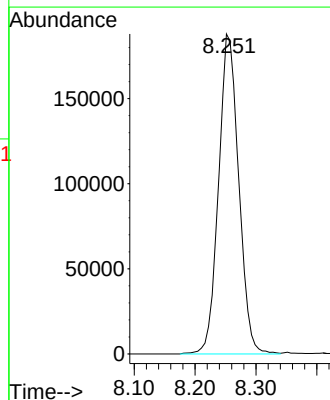
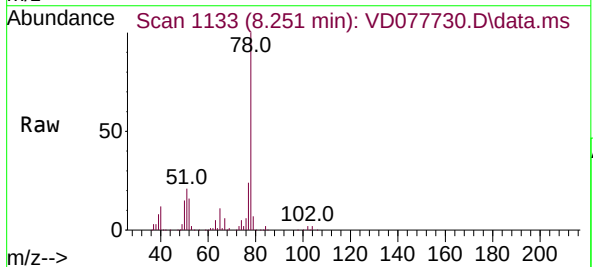
Instrument :
MSVOA_D
ClientSampleId :

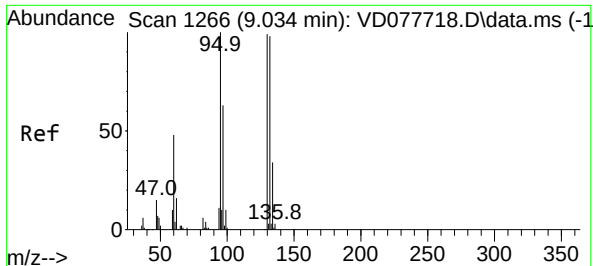
Tgt Ion:117 Resp: 139581
Ion Ratio Lower Upper
117 100
119 93.8 76.3 114.5



#33
Benzene
Concen: 26.379 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 78 Resp: 432606





#34

Trichloroethene

Concen: 26.262 ug/L

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

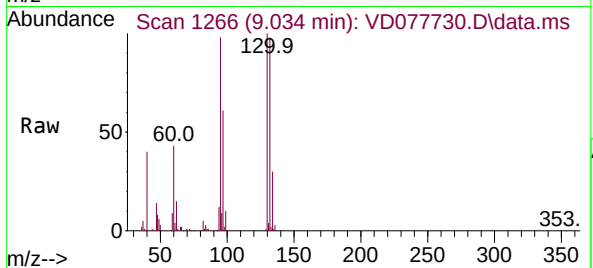
Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 106912

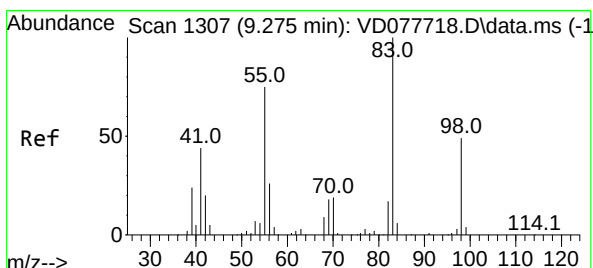
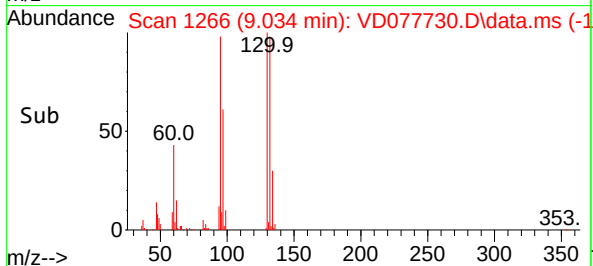
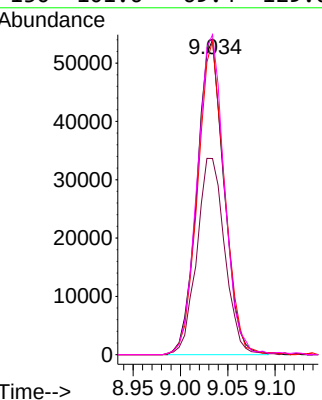
Ion Ratio Lower Upper

95 100

97 62.3 44.2 82.0

132 99.7 67.5 125.3

130 101.6 69.4 129.0



#35

Methylcyclohexane

Concen: 24.301 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

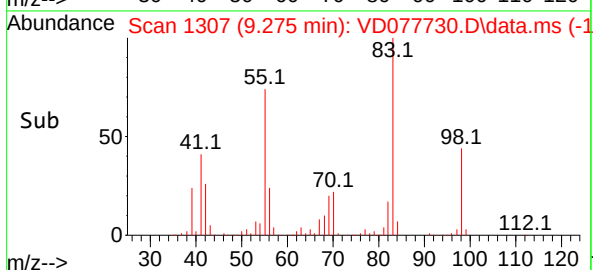
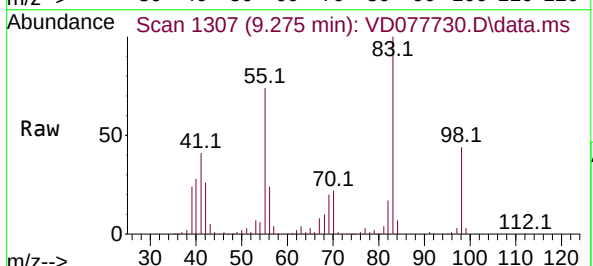
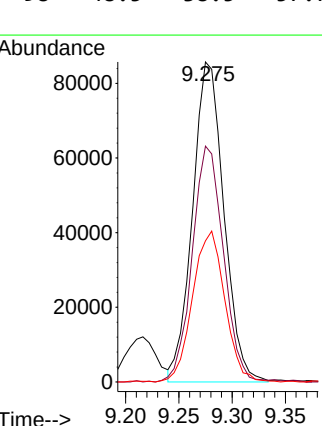
Tgt Ion: 83 Resp: 175628

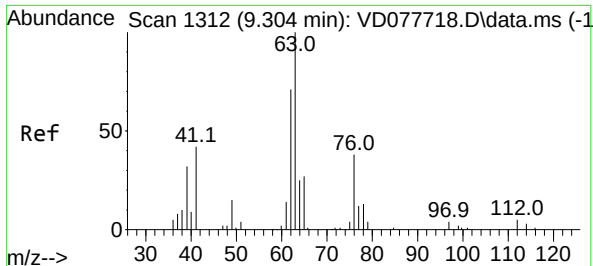
Ion Ratio Lower Upper

83 100

55 73.2 59.8 89.6

98 48.5 38.5 57.7





#37

1,2-Dichloropropane

Concen: 26.300 ug/L

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

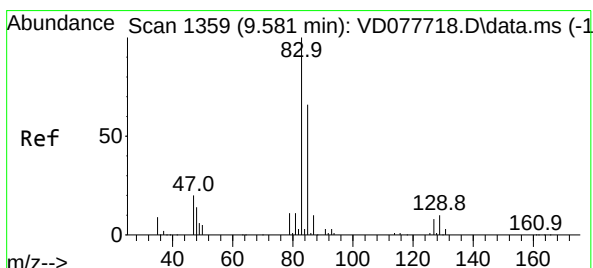
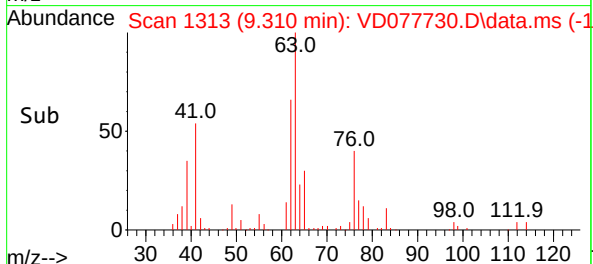
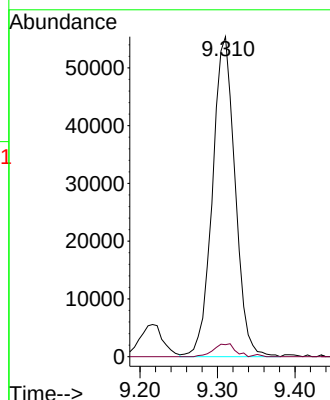
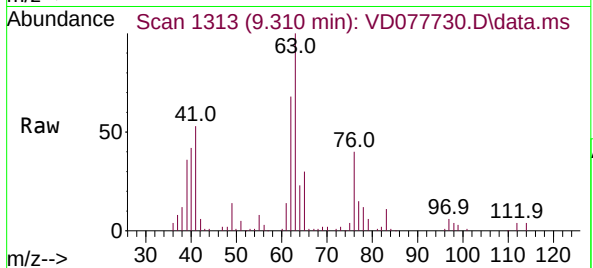
ClientSampleId :

Tgt Ion: 63 Resp: 112458

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 26.090 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

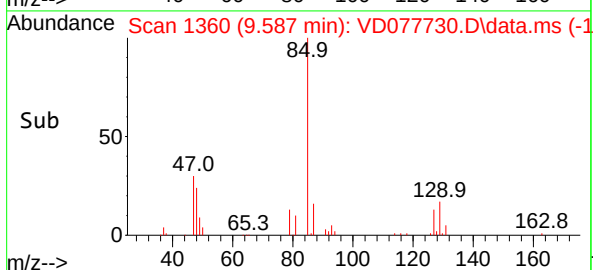
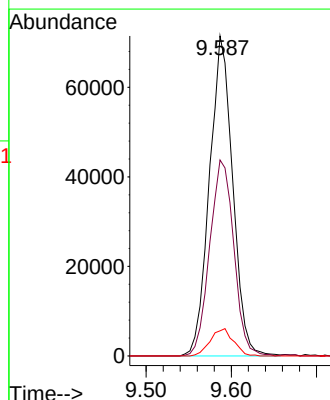
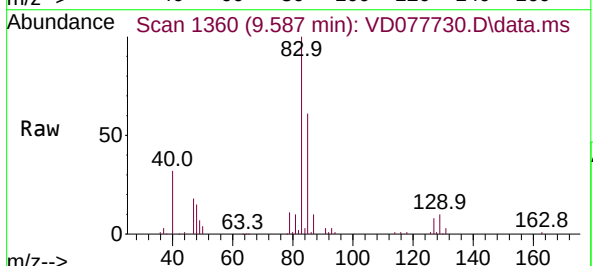
Tgt Ion: 83 Resp: 135661

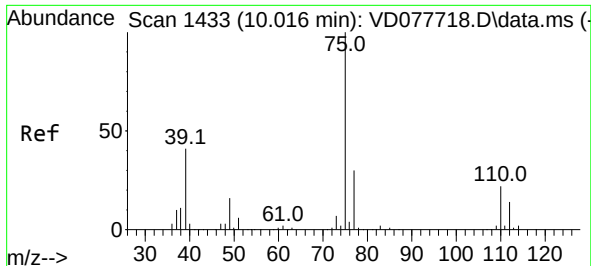
Ion Ratio Lower Upper

83 100

85 61.2 45.5 84.5

127 7.8 7.4 11.2

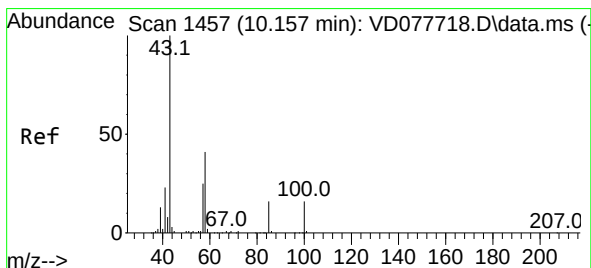
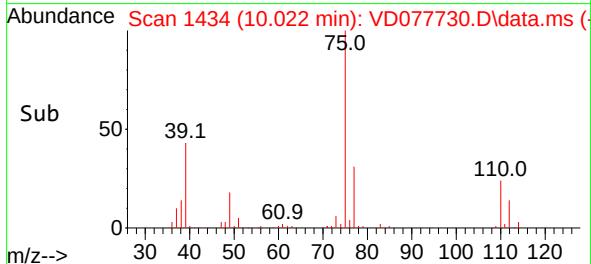
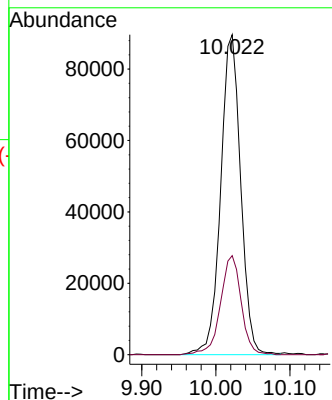
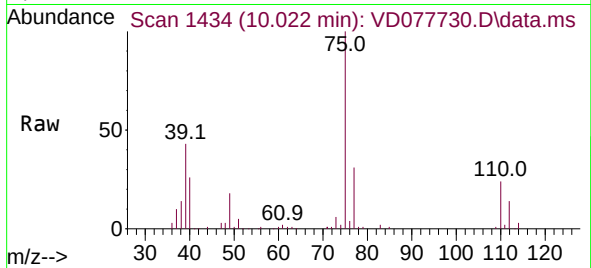




#39
cis-1,3-Dichloropropene
Concen: 25.172 ug/L
RT: 10.022 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

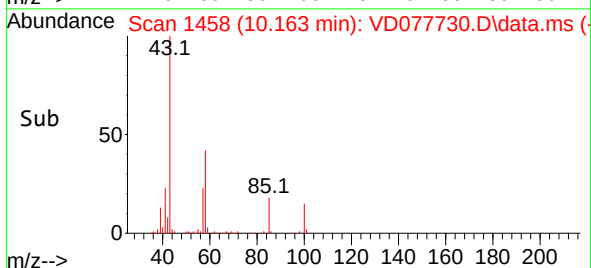
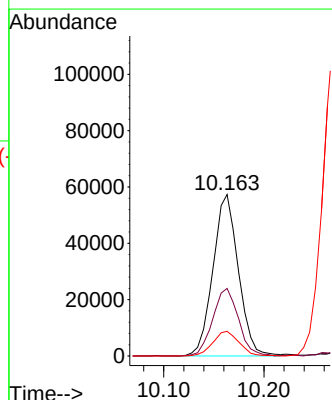
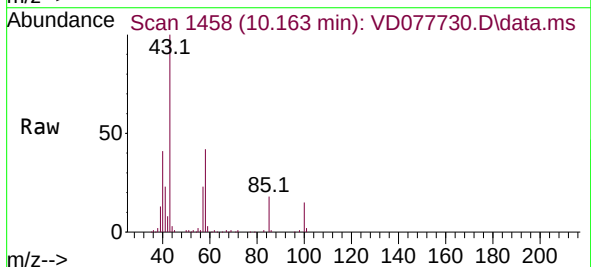
Instrument :
MSVOA_D
ClientSampleId :

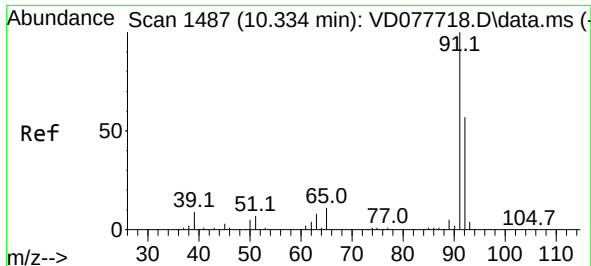
Tgt Ion: 75 Resp: 168086
Ion Ratio Lower Upper
75 100
77 30.9 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 42.753 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 43 Resp: 100876
Ion Ratio Lower Upper
43 100
58 42.2 31.0 46.4
100 15.9 11.9 17.9

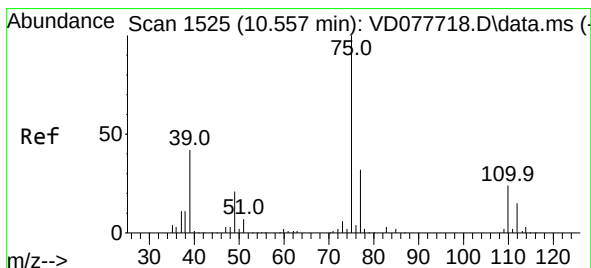
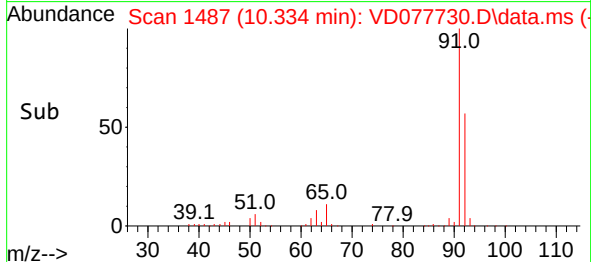
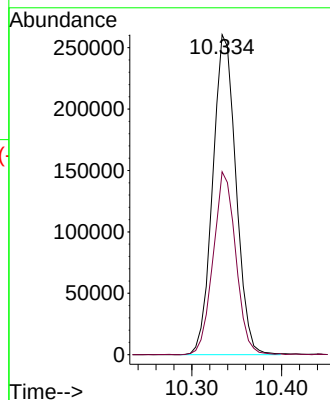
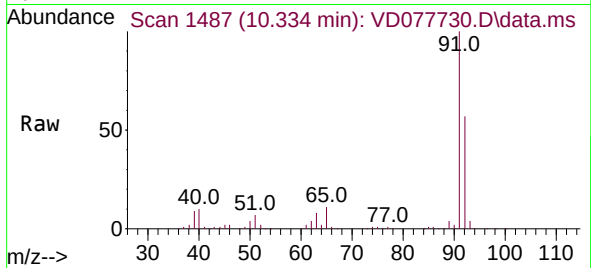




#42
Toluene
Concen: 26.907 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

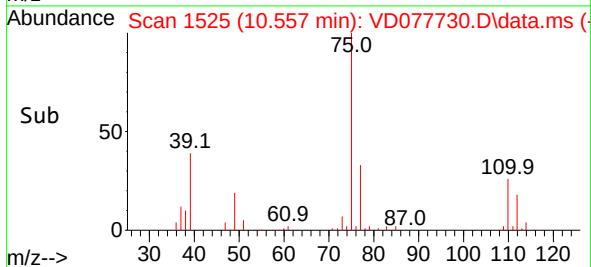
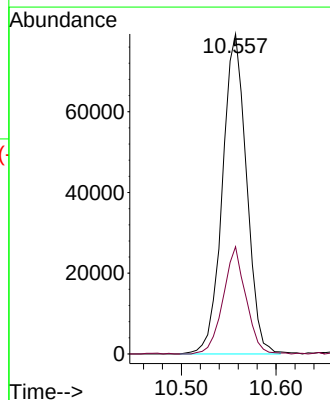
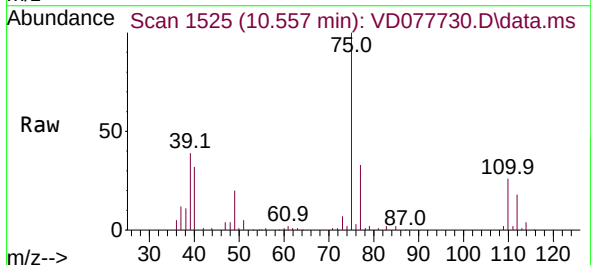
Instrument :
MSVOA_D
ClientSampleId :

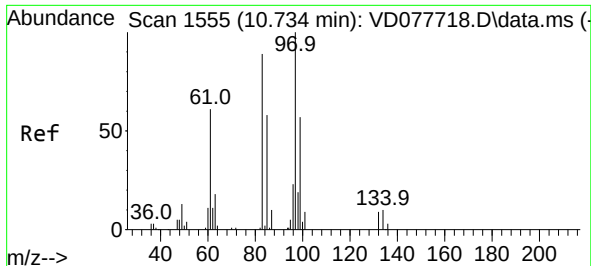
Tgt Ion: 91 Resp: 468704
Ion Ratio Lower Upper
91 100
92 57.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 25.084 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 75 Resp: 139898
Ion Ratio Lower Upper
75 100
77 33.5 22.0 40.8

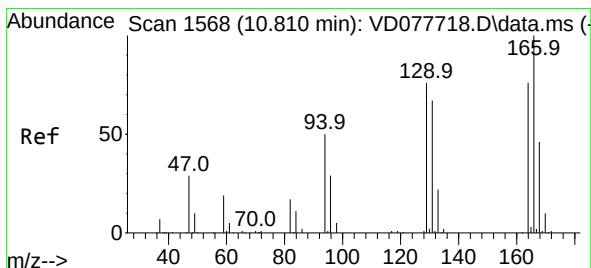
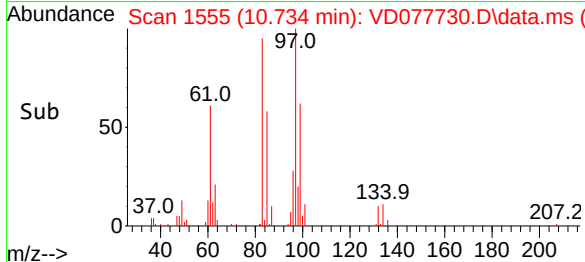
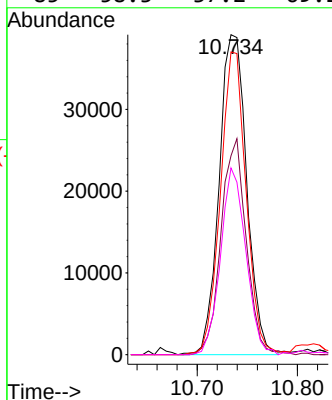
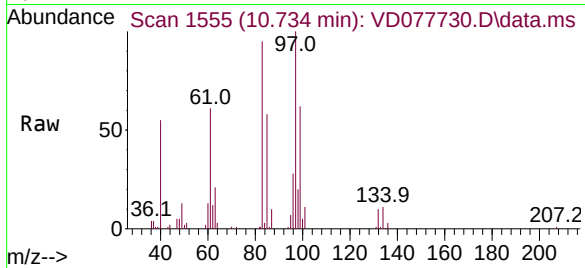




#45
1,1,2-Trichloroethane
Concen: 26.075 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

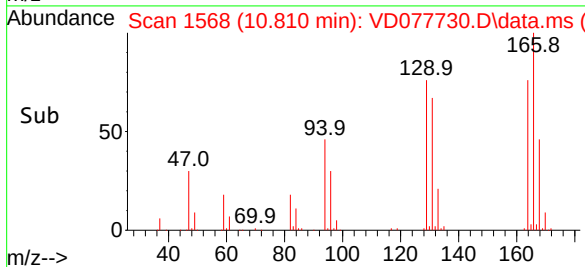
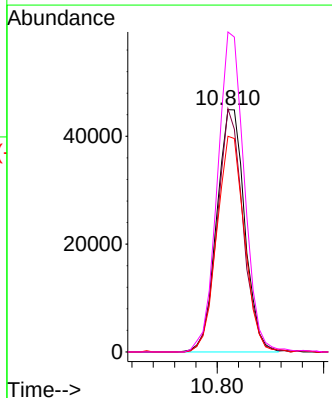
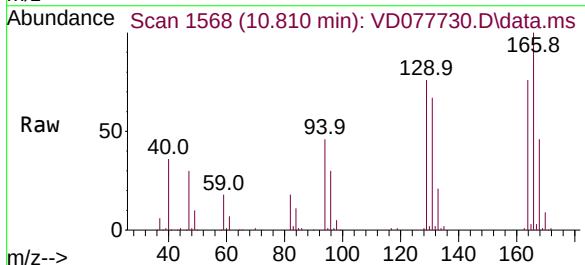
Instrument :
MSVOA_D
ClientSampleId :

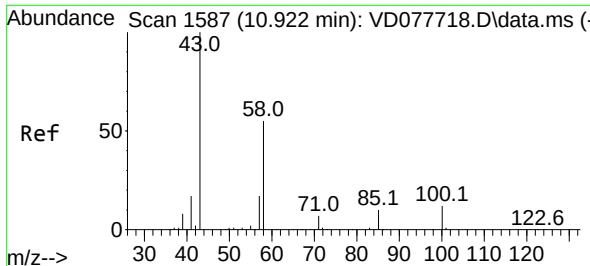
Tgt Ion: 97	Resp: 74879
Ion Ratio	Lower Upper
97 100	
99 62.2	41.7 77.5
83 94.6	63.6 118.2
85 58.3	37.2 69.2



#46
Tetrachloroethene
Concen: 24.853 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt	Ion:164	Resp:	81584
Ion	Ratio	Lower	Upper
164	100		
129	100.4	61.5	114.3
131	89.0	59.1	109.9
166	132.1	85.4	158.6

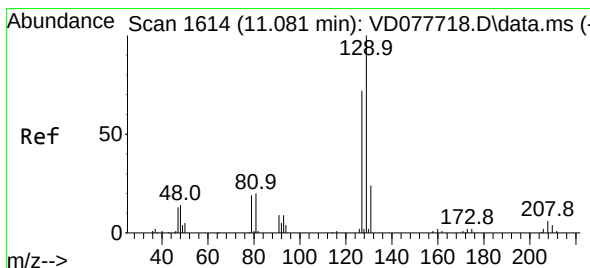
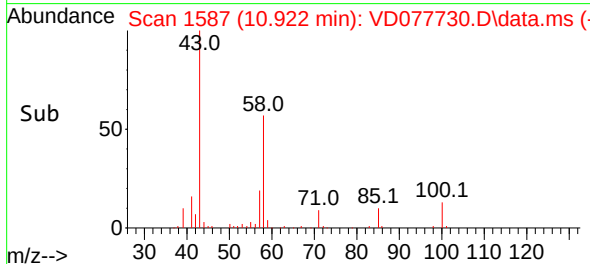
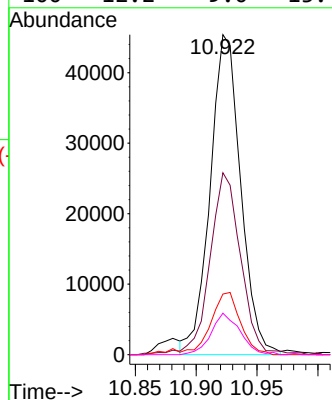
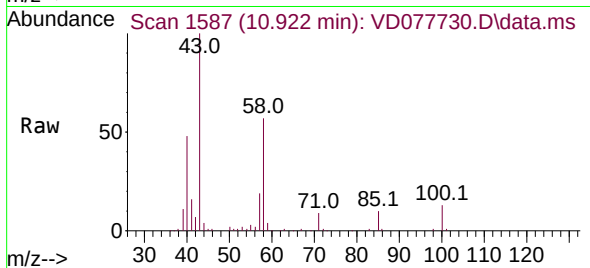




#48
2-Hexanone
Concen: 39.468 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

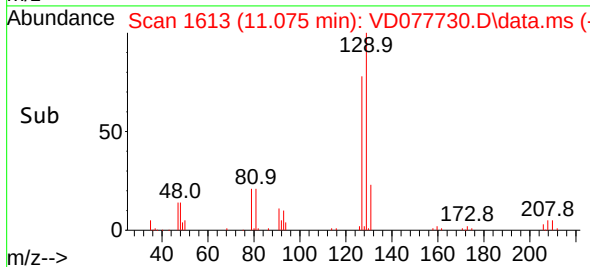
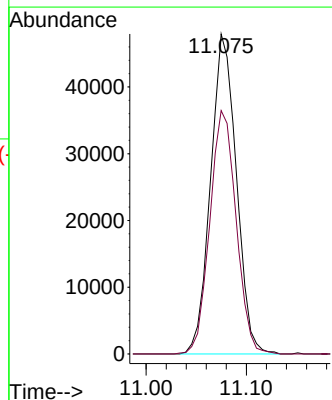
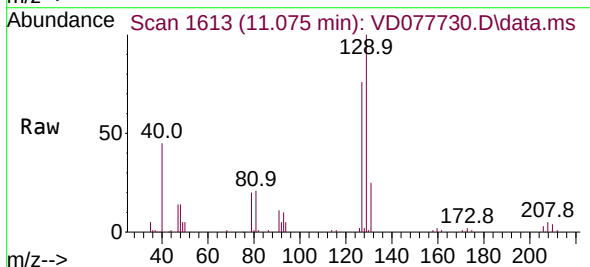
Instrument :
MSVOA_D
ClientSampleId :

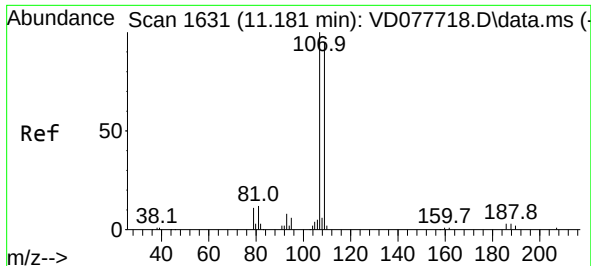
Tgt Ion: 43	Resp: 79155
Ion Ratio	Lower Upper
43 100	
58 56.9	43.0 64.6
57 18.7	13.8 20.8
100 12.2	9.0 13.4



#49
Dibromochloromethane
Concen: 25.051 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 129	Resp: 85539
Ion Ratio	Lower Upper
129 100	
127 76.0	52.8 98.2

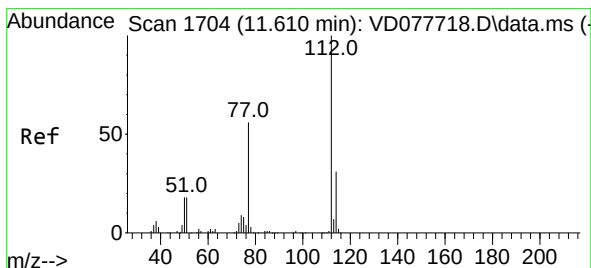
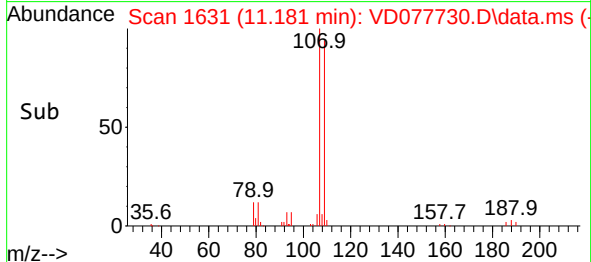
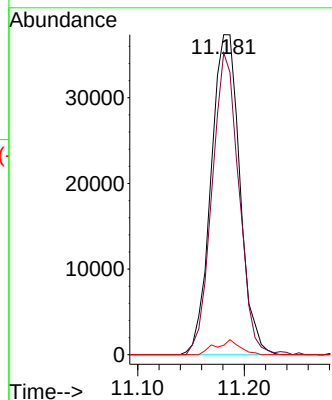
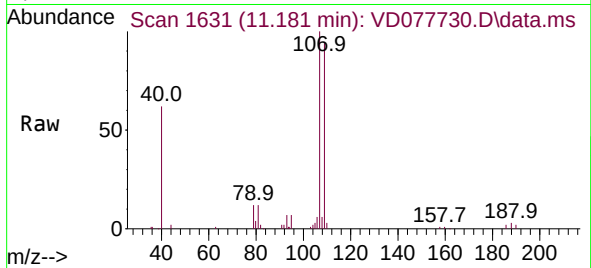




#50
1,2-Dibromoethane
Concen: 25.314 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

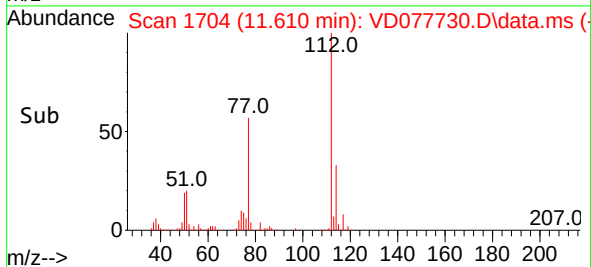
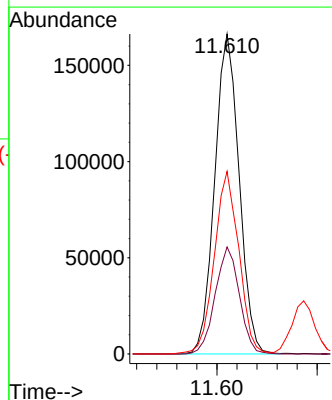
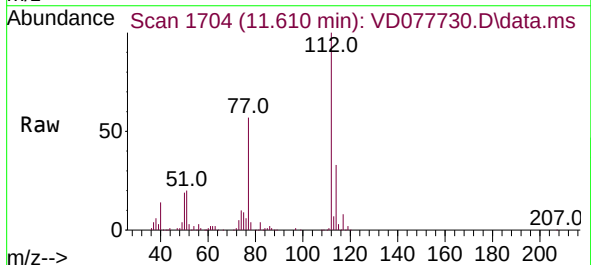
Instrument :
MSVOA_D
ClientSampleId :

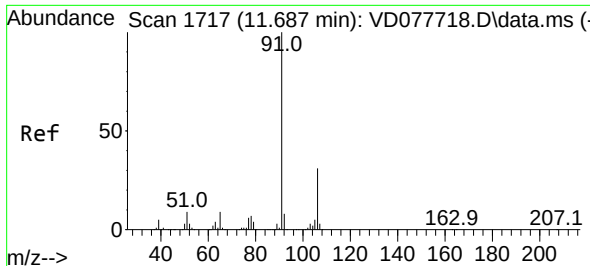
Tgt Ion:107 Resp: 70107
Ion Ratio Lower Upper
107 100
109 94.3 64.2 119.2
188 3.0 2.3 3.5



#51
Chlorobenzene
Concen: 26.008 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion:112 Resp: 280918
Ion Ratio Lower Upper
112 100
114 33.4 22.5 41.9
77 57.1 46.4 69.6

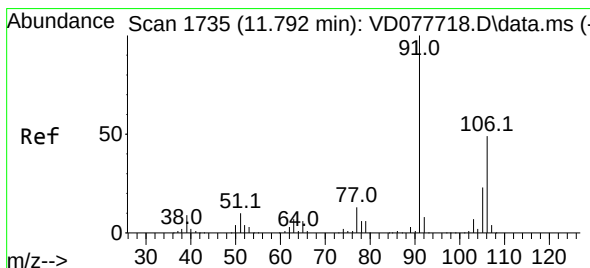
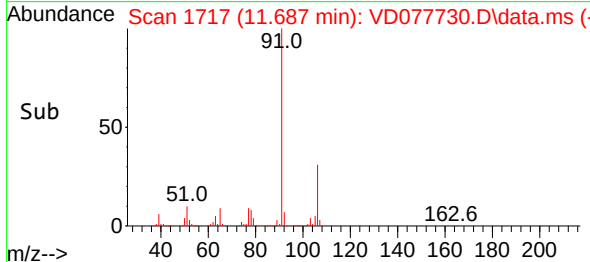
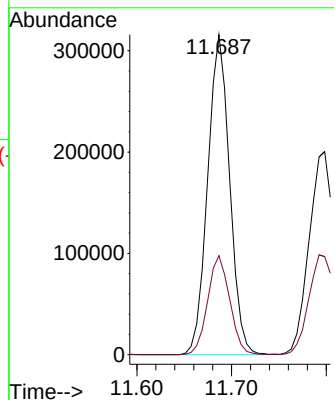
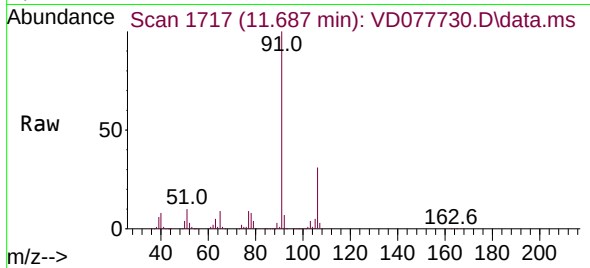




#52
Ethylbenzene
Concen: 26.366 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

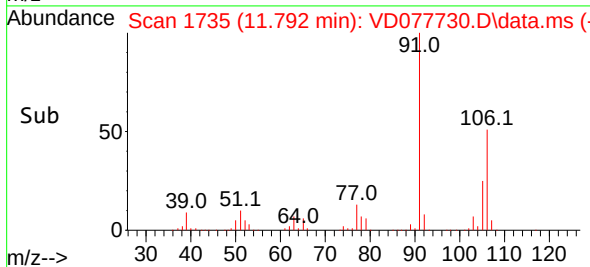
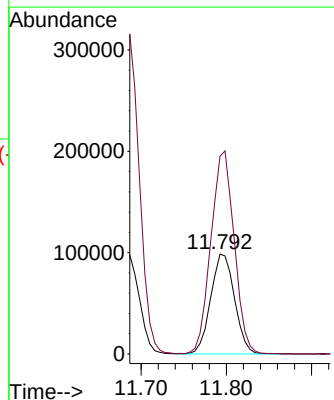
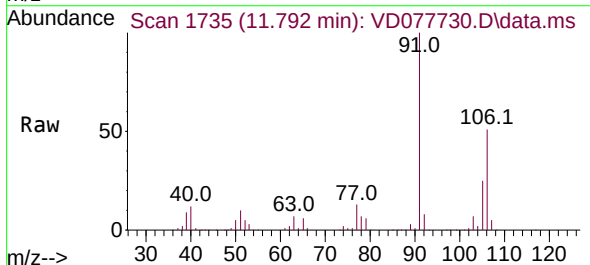
Instrument :
MSVOA_D
ClientSampleId :

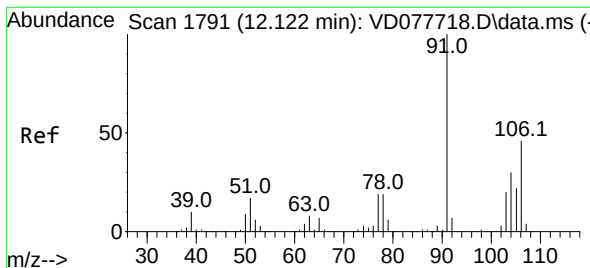
Tgt Ion: 91 Resp: 509136
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#53
m,p-Xylene
Concen: 26.309 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 106 Resp: 191958
Ion Ratio Lower Upper
106 100
91 198.0 140.8 261.6

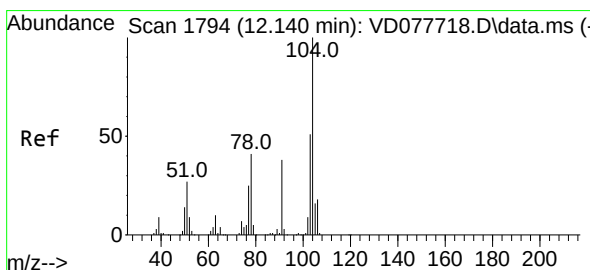
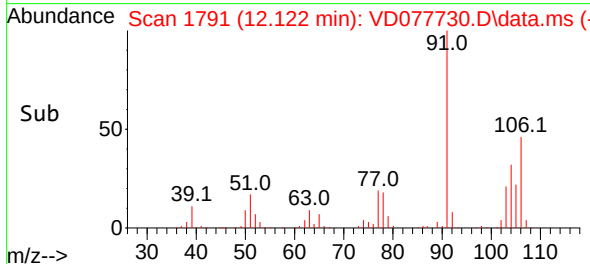
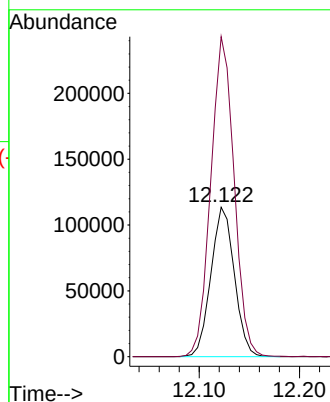
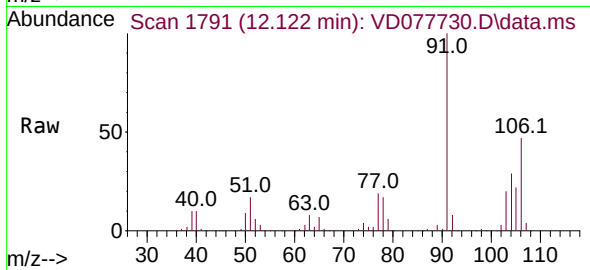




#54
o-Xylene
Concen: 26.413 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

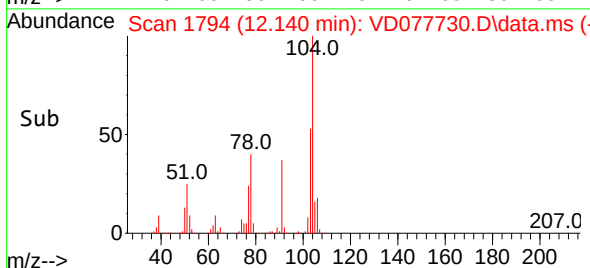
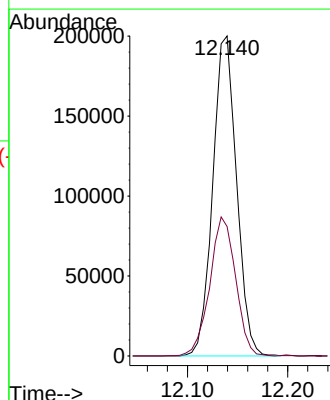
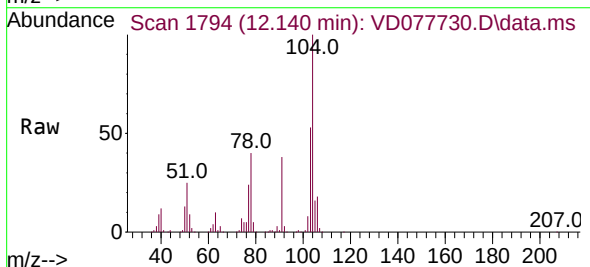
Instrument :
MSVOA_D
ClientSampleId :

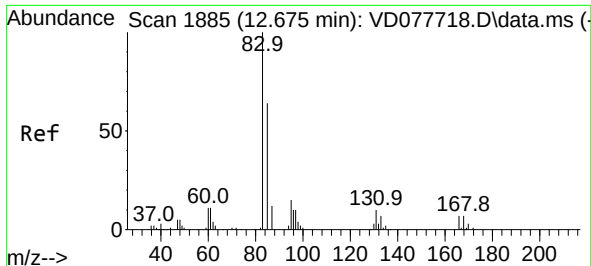
Tgt Ion:106 Resp: 184439
Ion Ratio Lower Upper
106 100
91 214.2 152.2 282.7



#55
Styrene
Concen: 27.026 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion:104 Resp: 330228
Ion Ratio Lower Upper
104 100
78 40.5 30.9 57.5

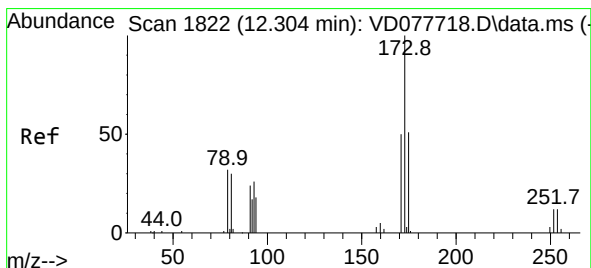
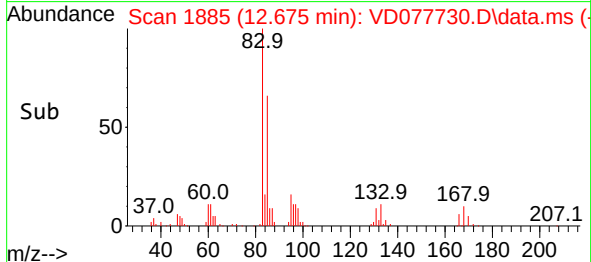
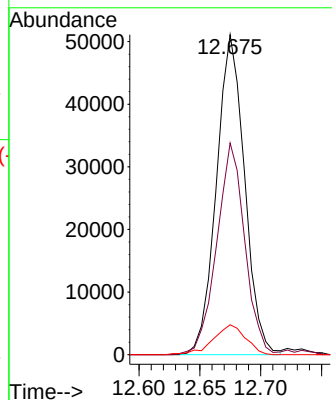
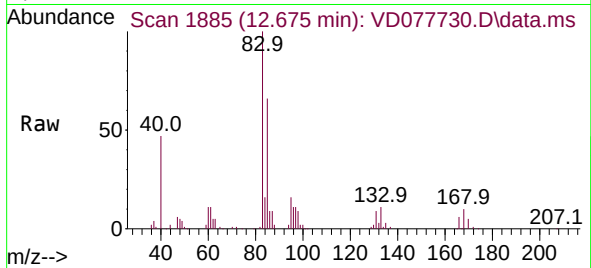




#57
1,1,2,2-Tetrachloroethane
Concen: 24.160 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

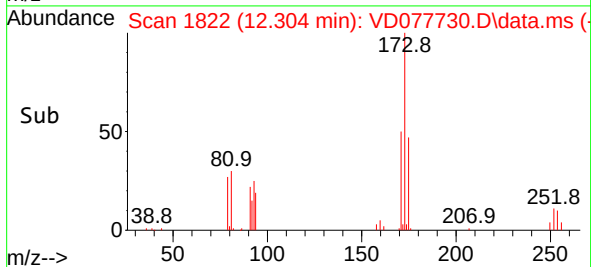
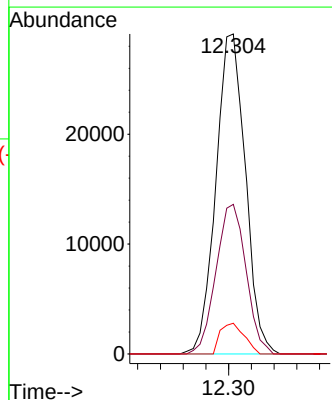
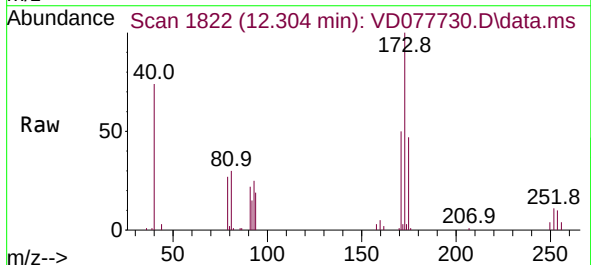
Instrument :
MSVOA_D
ClientSampleId :

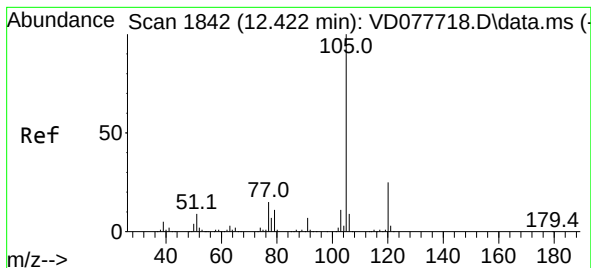
Tgt Ion: 83 Resp: 82209
Ion Ratio Lower Upper
83 100
85 66.1 43.3 80.5
131 9.4 7.3 10.9



#59
Bromoform
Concen: 25.221 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion: 173 Resp: 52486
Ion Ratio Lower Upper
173 100
175 47.6 38.7 58.1
254 7.8 1.8 2.8





#60

Isopropylbenzene

Concen: 26.641 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

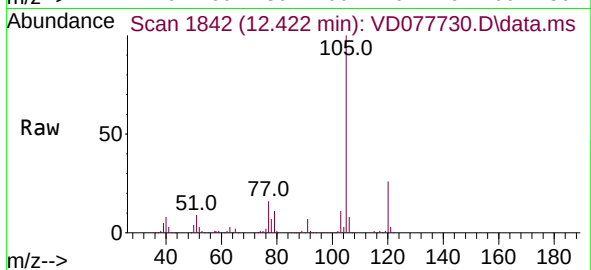
Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

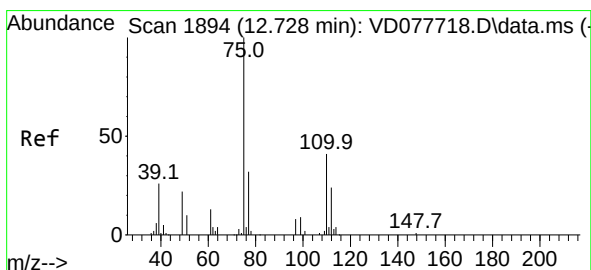
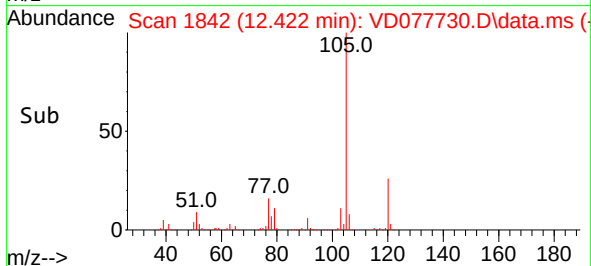
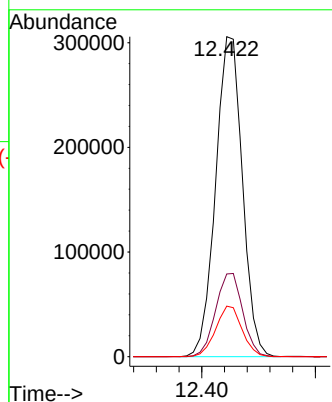
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	105	Resp:	500107
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.3	31.9
77	15.6	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 23.930 ug/L

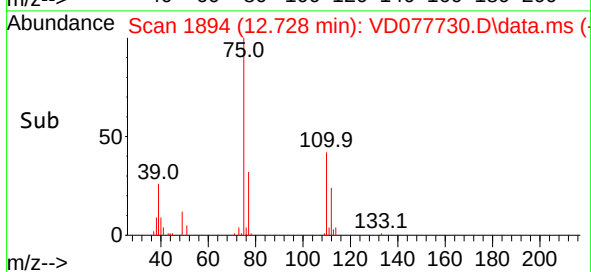
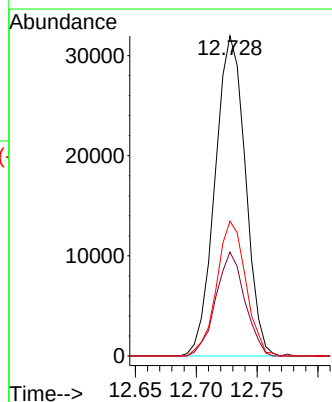
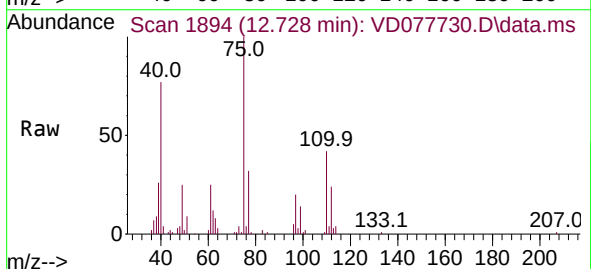
RT: 12.728 min Scan# 1894

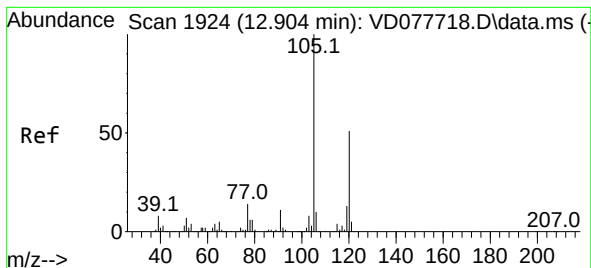
Delta R.T. 0.000 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Tgt Ion:	75	Resp:	55362
Ion Ratio	Lower	Upper	
75	100		
77	31.1	26.8	40.2
110	40.6	33.4	50.2

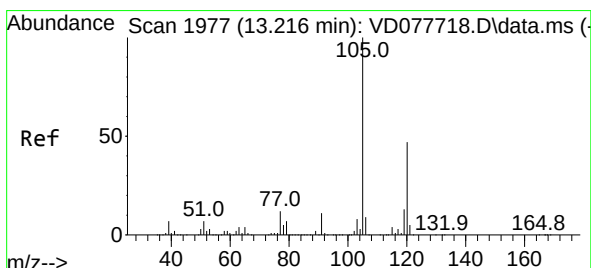
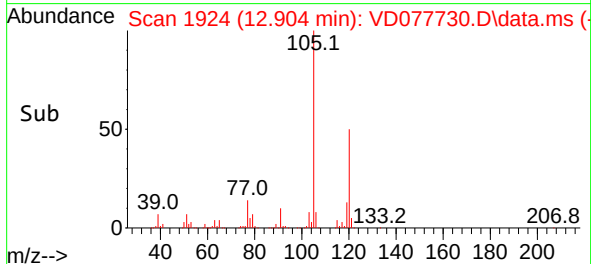
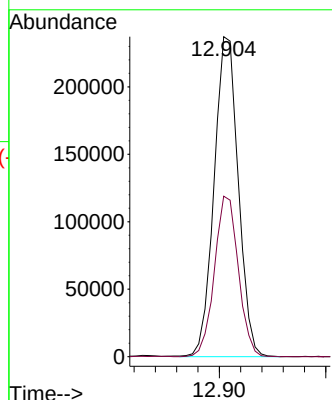
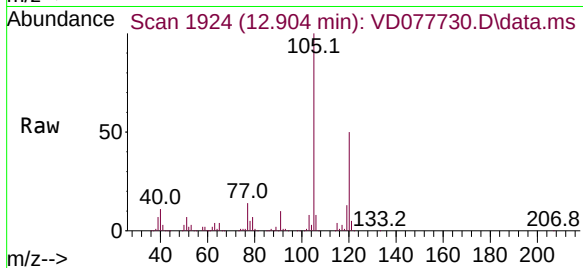




#62
1,3,5-Trimethylbenzene
Concen: 26.484 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

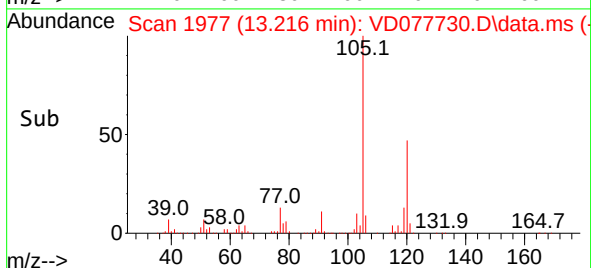
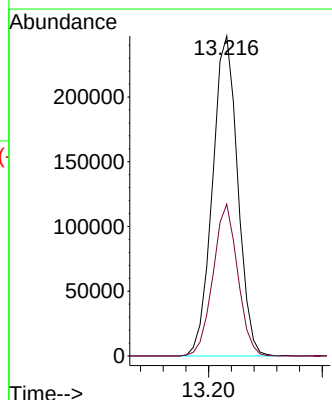
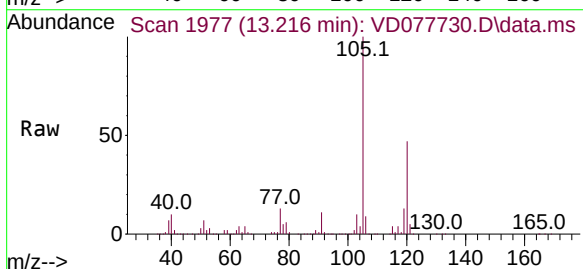
Instrument :
MSVOA_D
ClientSampleId :

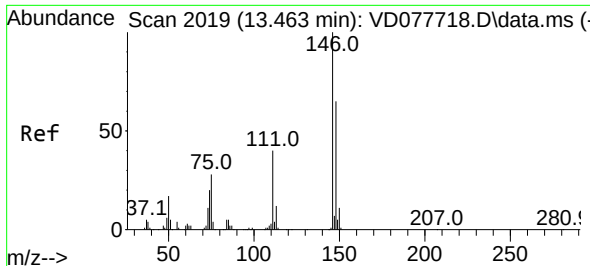
Tgt Ion:105 Resp: 373409
Ion Ratio Lower Upper
105 100
120 49.5 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 26.629 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion:105 Resp: 380691
Ion Ratio Lower Upper
105 100
120 46.4 37.1 55.7

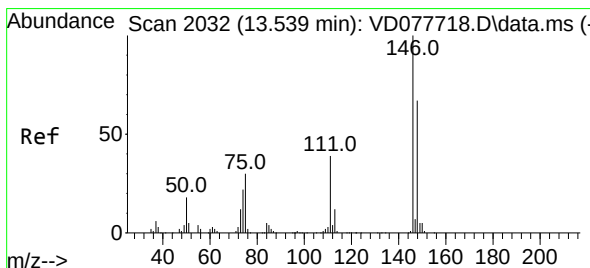
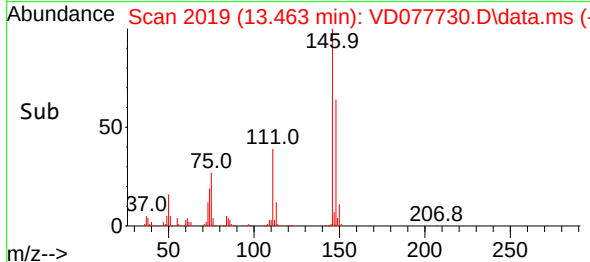
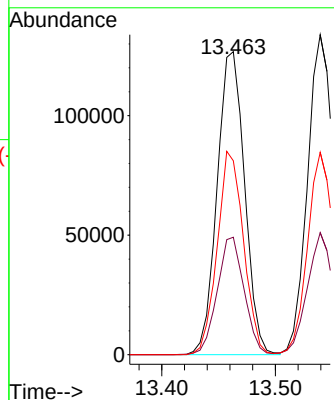
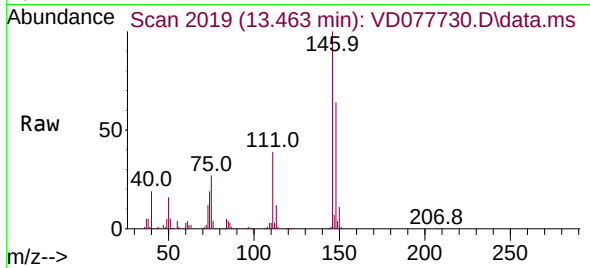




#64
1,3-Dichlorobenzene
Concen: 26.287 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

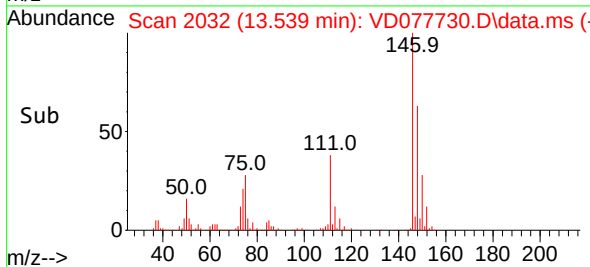
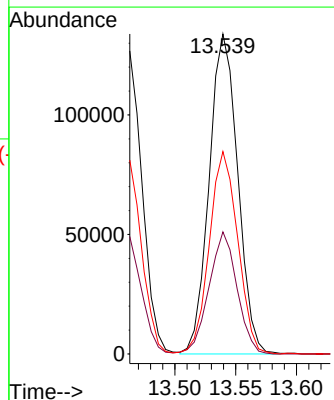
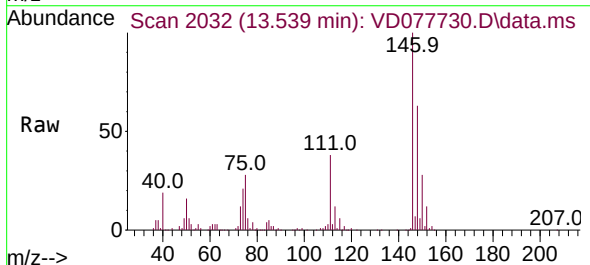
Instrument :
MSVOA_D
ClientSampleId :

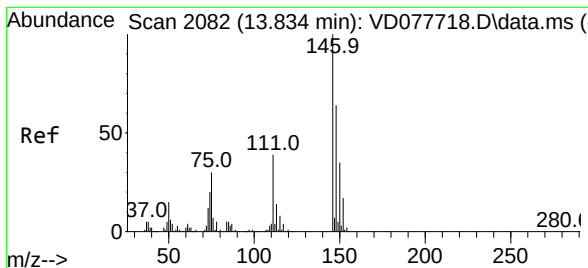
Tgt Ion:146 Resp: 213412
Ion Ratio Lower Upper
146 100
111 38.7 26.6 49.4
148 64.0 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 25.998 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077730.D
Acq: 01 Dec 2023 17:59

Tgt Ion:146 Resp: 219023
Ion Ratio Lower Upper
146 100
111 38.2 26.4 49.0
148 63.3 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 25.874 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

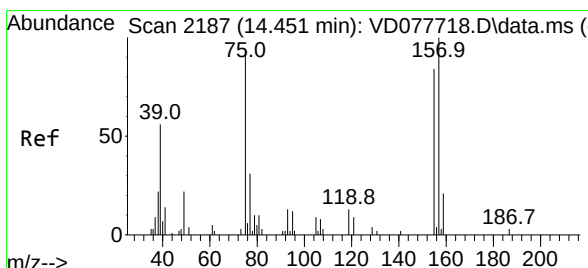
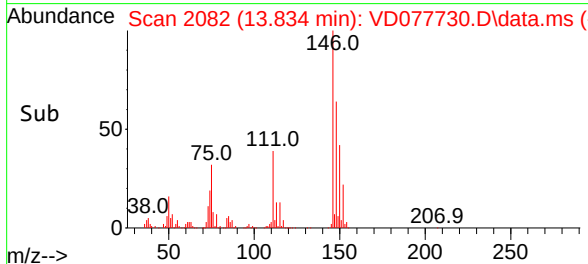
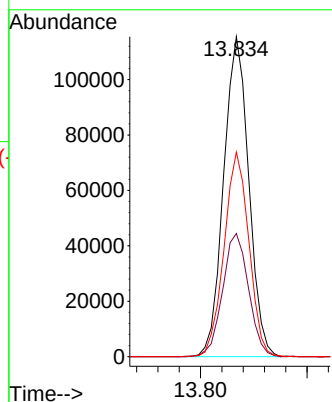
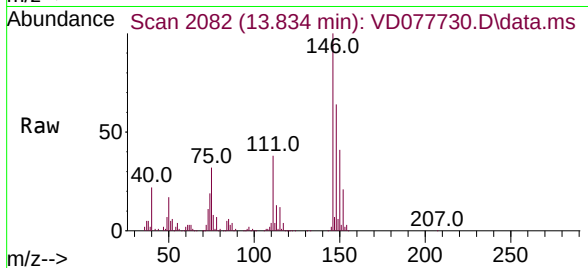
Tgt Ion:146 Resp: 189021

Ion Ratio Lower Upper

146 100

111 38.5 31.4 47.2

148 64.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.538 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

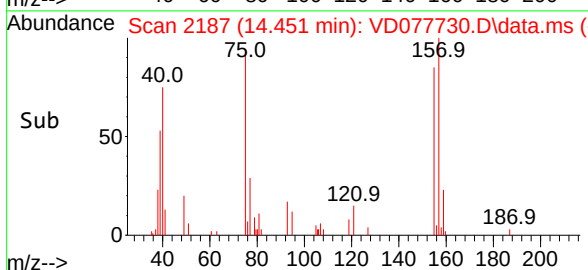
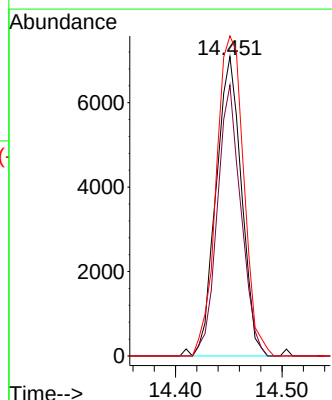
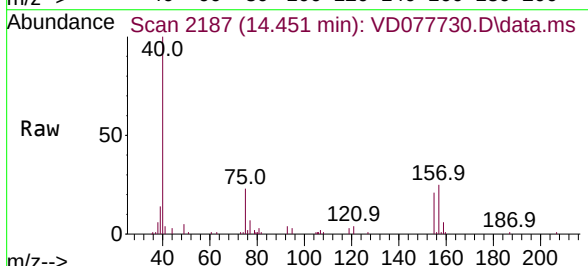
Tgt Ion: 75 Resp: 11749

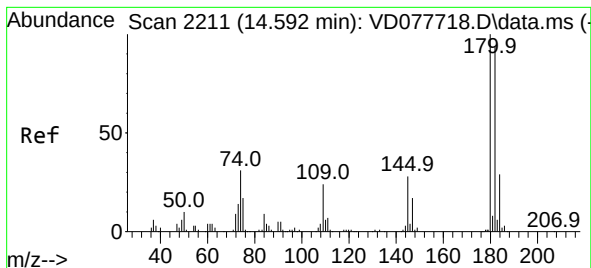
Ion Ratio Lower Upper

75 100

155 90.5 69.2 103.8

157 106.9 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 25.169 ug/L

RT: 14.598 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 139143

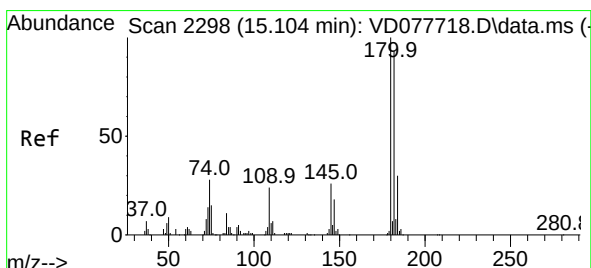
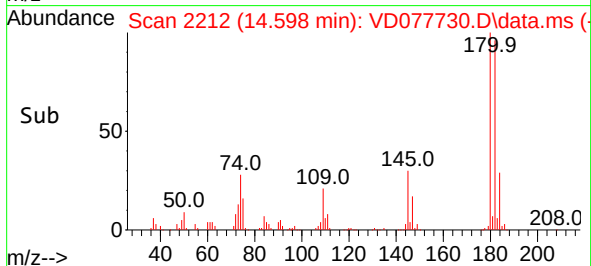
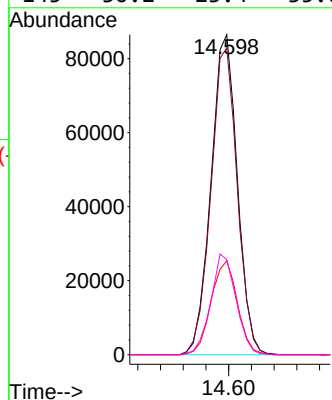
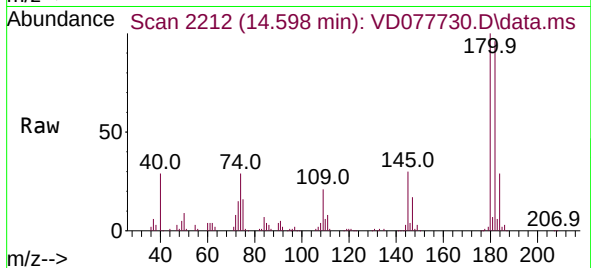
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

184 29.3 24.3 36.5

145 30.2 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 24.472 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

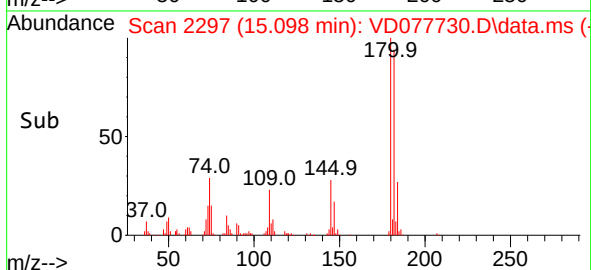
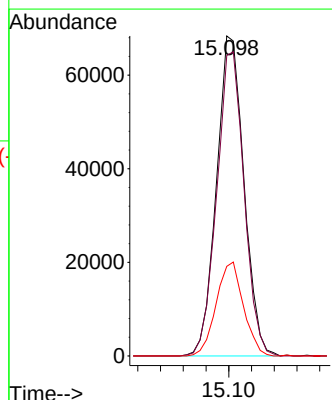
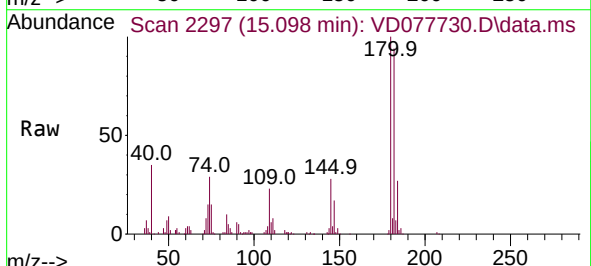
Tgt Ion:180 Resp: 114851

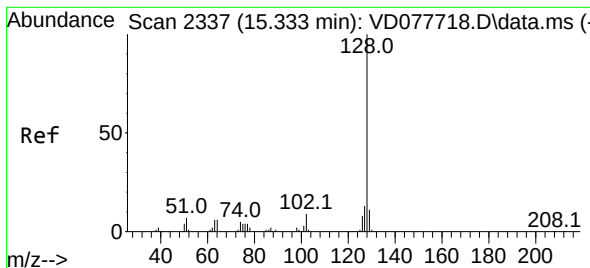
Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

145 29.1 23.9 35.9





#71

Naphthalene

Concen: 23.633 ug/L

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

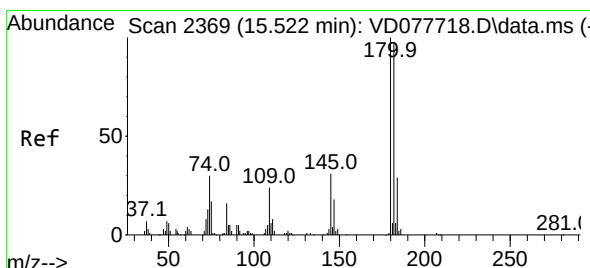
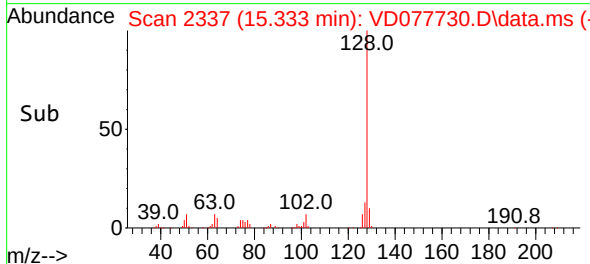
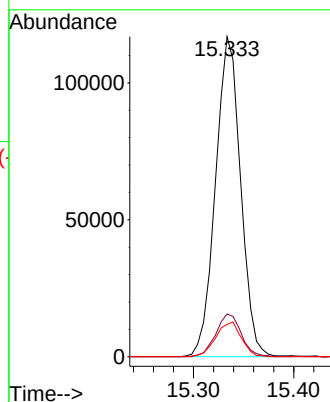
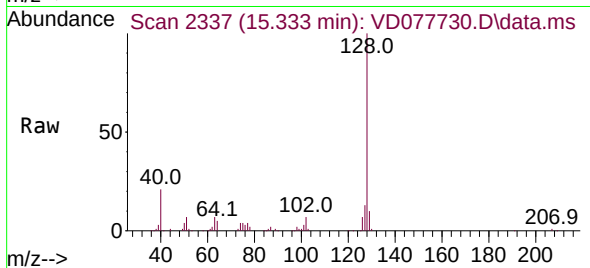
Tgt Ion:128 Resp: 202771

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.330 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077730.D

Acq: 01 Dec 2023 17:59

Tgt Ion:180 Resp: 100100

Ion Ratio Lower Upper

180 100

182 94.3 77.3 115.9

145 31.8 25.2 37.8

