

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077872.D
 Acq On : 14 Dec 2023 09:57
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:11:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	272553	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	252372	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	127823	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	141156	18.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
7) Chloroethane-d5	2.811	69	132340	22.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	3.922	65	36959	19.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.720%
21) 2-Butanone-d5	6.987	46	44560	47.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.880%
24) Chloroform-d	7.569	84	188686	25.686	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.760%
26) 1,2-Dichloroethane-d4	8.234	65	89965	24.172	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.680%
32) Benzene-d6	8.205	84	375350	24.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	9.210	67	113374	24.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.800%
41) Toluene-d8	10.269	98	336608	24.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.240%
43) trans-1,3-Dichloroprop...	10.528	79	49000	23.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.560%
47) 2-Hexanone-d5	10.875	63	40236	50.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92406	27.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	117906	25.784	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	99018	22.757	ug/L	98
3) Chloromethane	2.152	50	127063	20.327	ug/L	99
5) Vinyl chloride	2.293	62	179716	23.082	ug/L	99
6) Bromomethane	2.705	94	99191	24.048	ug/L	97
8) Chloroethane	2.846	64	113939	23.444	ug/L	100
9) Trichlorofluoromethane	3.187	101	155693	23.445	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	96547	24.645	ug/L	98
12) 1,1-Dichloroethene	3.952	96	88399	23.843	ug/L	93
13) Acetone	4.017	43	49098	40.794	ug/L	77
14) Carbon disulfide	4.281	76	286496	21.805	ug/L	99
15) Methyl Acetate	4.564	43	31866	18.495	ug/L	91
16) Methylene chloride	4.811	84	96048	19.847	ug/L	90
17) trans-1,2-Dichloroethene	5.322	96	94332	24.403	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	186634	21.902	ug/L	98
19) 1,1-Dichloroethane	6.116	63	168895	23.183	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	101218	23.564	ug/L	92
22) 2-Butanone	7.087	43	49382	36.454	ug/L	# 58
23) Bromochloromethane	7.428	128	43282	24.202	ug/L	88
25) Chloroform	7.599	83	171378	23.894	ug/L	89

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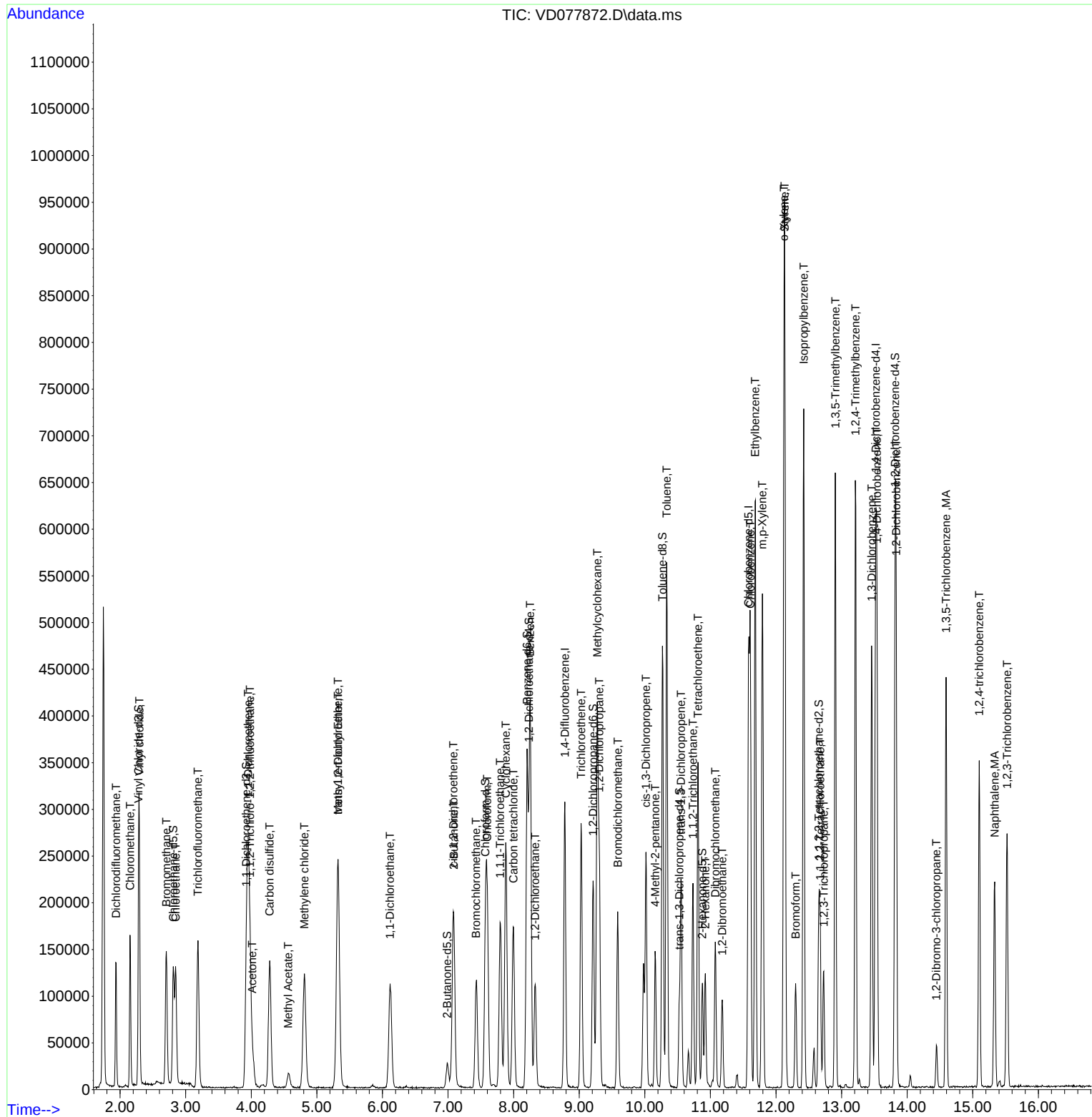
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	101928	22.719	ug/L #	94
29) Cyclohexane	7.881	56	143826	21.597	ug/L	90
30) 1,1,1-Trichloroethane	7.793	97	151618	24.552	ug/L	98
31) Carbon tetrachloride	7.999	117	132878	24.468	ug/L	99
33) Benzene	8.252	78	389897	23.736	ug/L	100
34) Trichloroethene	9.028	95	99008	24.281	ug/L	99
35) Methylcyclohexane	9.275	83	168917	23.335	ug/L	95
37) 1,2-Dichloropropane	9.304	63	97960	22.873	ug/L	99
38) Bromodichloromethane	9.587	83	120946	23.223	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	148697	22.233	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	93246	39.455	ug/L	95
42) Toluene	10.334	91	426950	24.471	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	128190	22.947	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	68677	23.876	ug/L	94
46) Tetrachloroethene	10.810	164	79018	24.032	ug/L	98
48) 2-Hexanone	10.922	43	77148	38.405	ug/L #	96
49) Dibromochloromethane	11.075	129	80858	23.642	ug/L	97
50) 1,2-Dibromoethane	11.181	107	64797	23.359	ug/L	98
51) Chlorobenzene	11.610	112	261405	24.162	ug/L	95
52) Ethylbenzene	11.681	91	463185	23.948	ug/L	100
53) m,p-Xylene	11.793	106	180134	24.648	ug/L	99
54) o-Xylene	12.122	106	168360	24.072	ug/L	93
55) Styrene	12.134	104	304811	24.906	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	80276	23.554	ug/L	92
59) Bromoform	12.298	173	50358	23.810	ug/L #	98
60) Isopropylbenzene	12.422	105	474267	24.859	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	52216	22.208	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	347684	24.264	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	350245	24.106	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	200335	24.280	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	204908	23.933	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	177714	23.936	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10543	19.017	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	134577	23.953	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	111744	23.428	ug/L	97
71) Naphthalene	15.334	128	194159	22.266	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	94426	22.583	ug/L	100

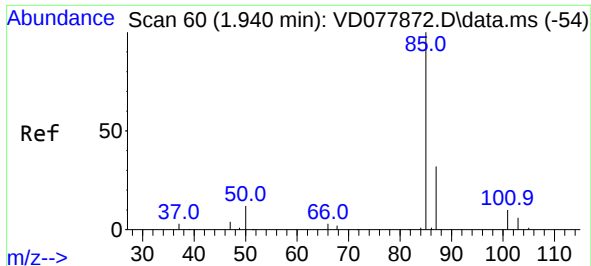
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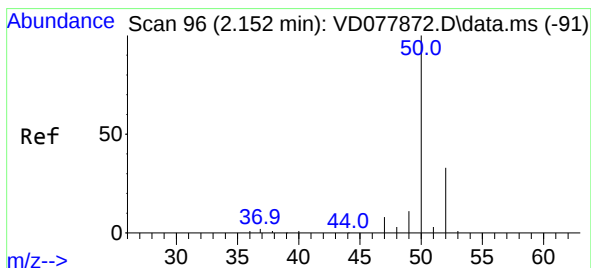
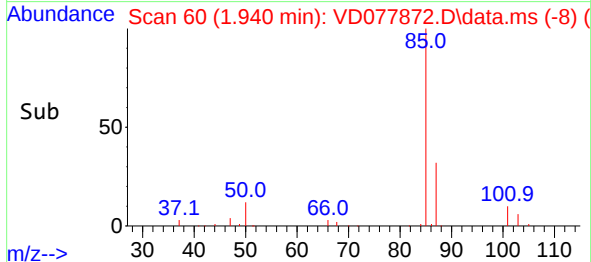
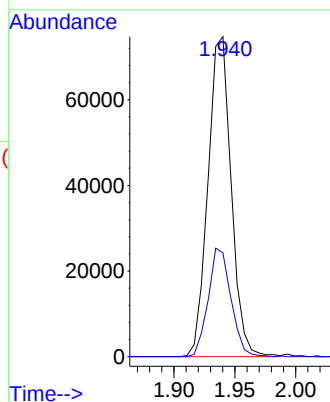
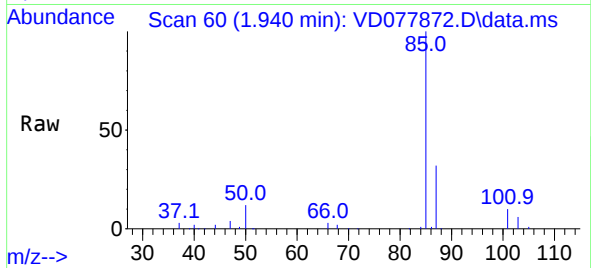




#2
Dichlorodifluoromethane
Concen: 22.757 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

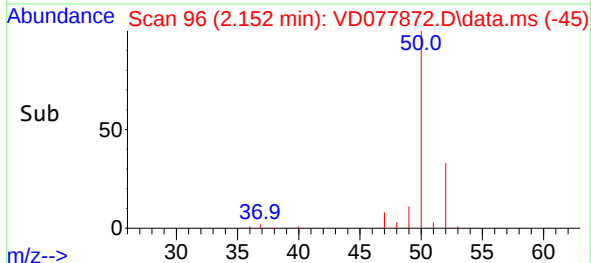
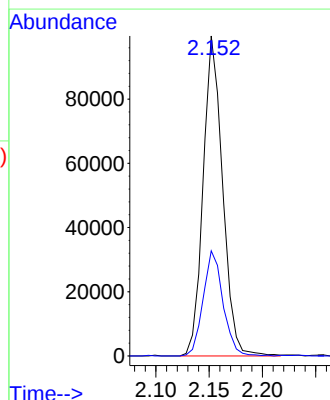
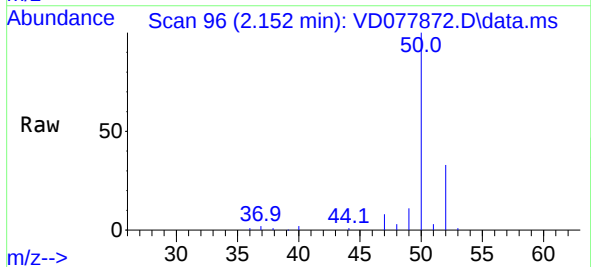
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MSVOA_D
ClientSampleId :

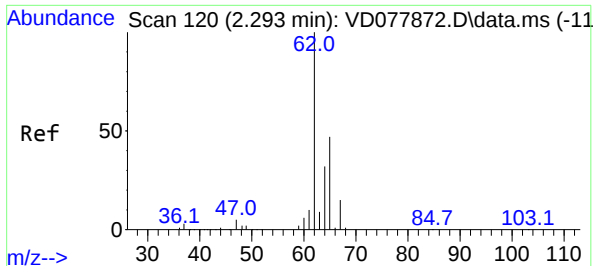
Tgt Ion: 85 Resp: 99018
Ion Ratio Lower Upper
85 100
87 33.2 25.6 38.4



#3
Chloromethane
Concen: 20.327 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion: 50 Resp: 127063
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

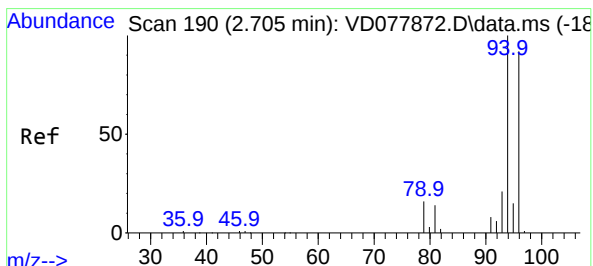
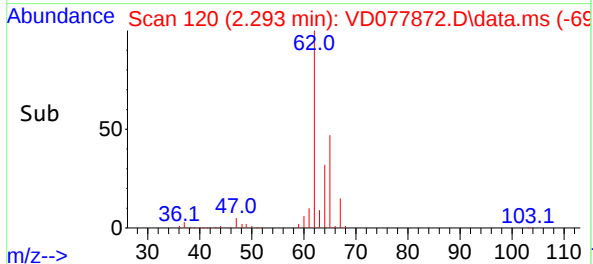
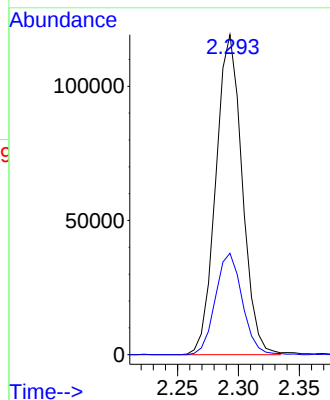
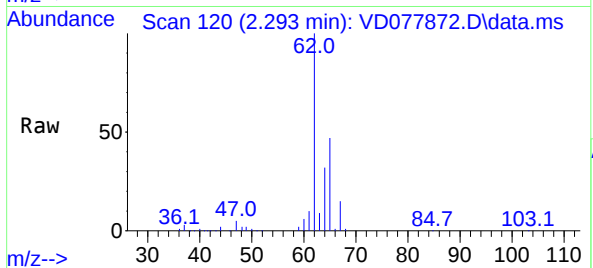




#5
 Vinyl chloride
 Concen: 23.082 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD077872.D
 Acq: 14 Dec 2023 09:57

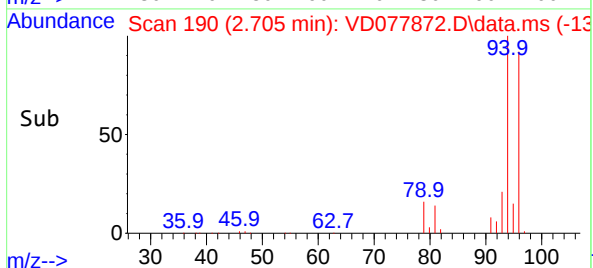
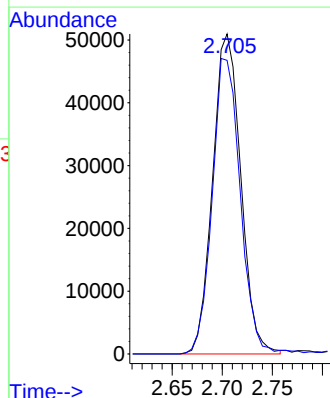
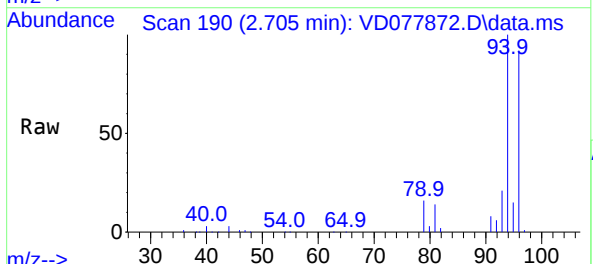
Instrument :
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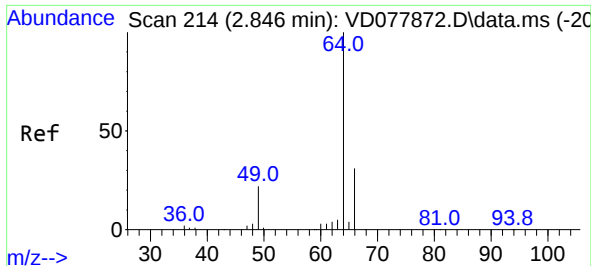
Tgt Ion: 62 Resp: 179716
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.6 42.0



#6
 Bromomethane
 Concen: 24.048 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. -0.000 min
 Lab File: VD077872.D
 Acq: 14 Dec 2023 09:57

Tgt Ion: 94 Resp: 99191
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.0 122.6

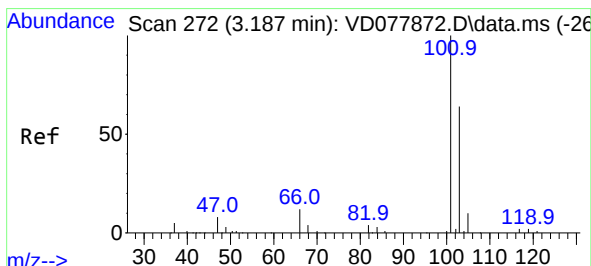
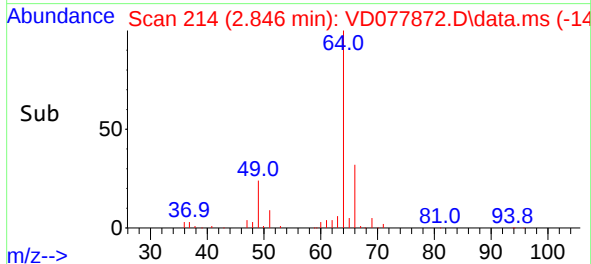
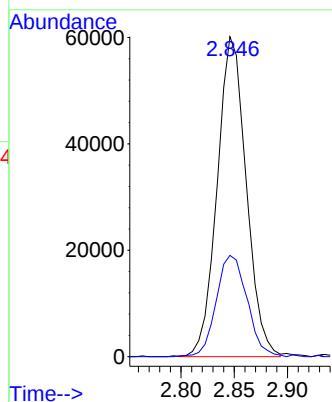
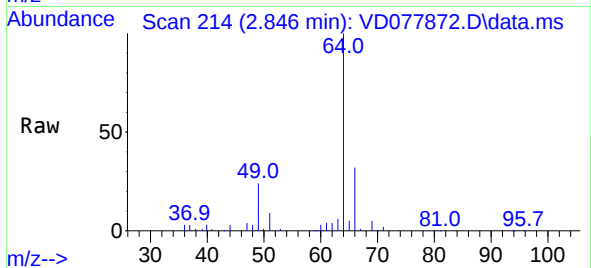




#8
Chloroethane
Concen: 23.444 ug/L
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

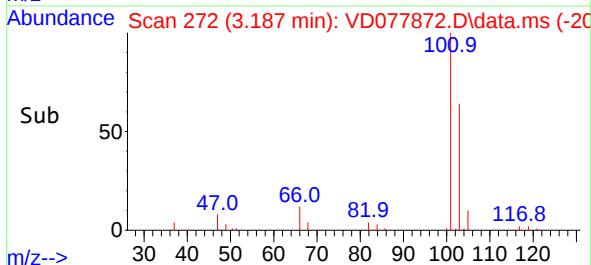
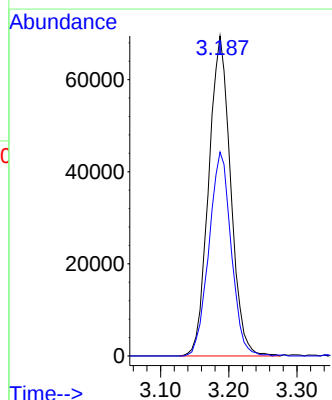
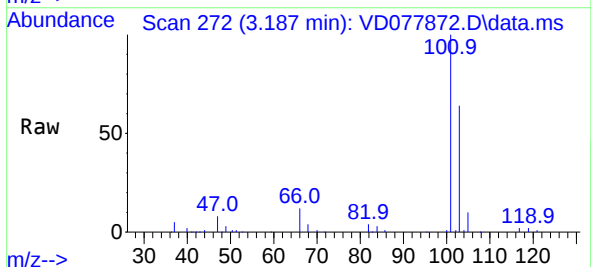
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ClientSampleId :

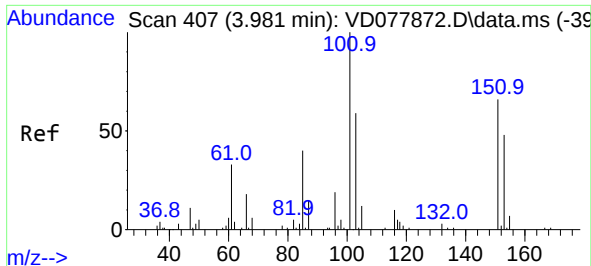
Tgt Ion: 64 Resp: 113939
Ion Ratio Lower Upper
64 100
66 31.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.445 ug/L
RT: 3.187 min Scan# 272
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:101 Resp: 155693
Ion Ratio Lower Upper
101 100
103 64.4 52.5 78.7

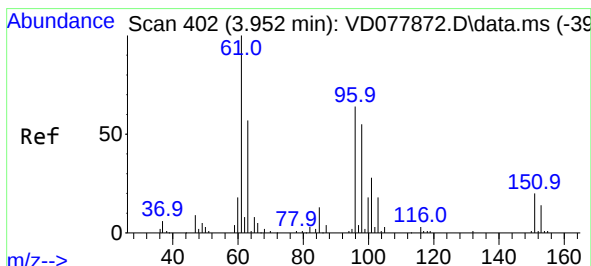
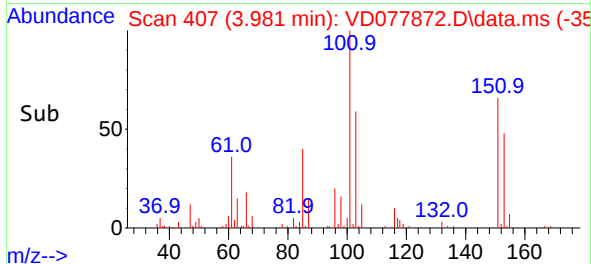
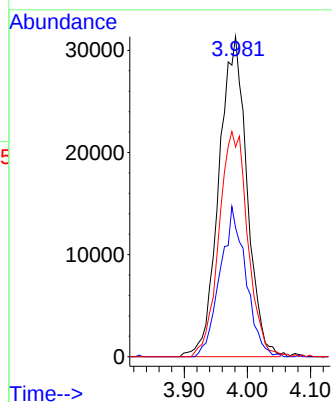
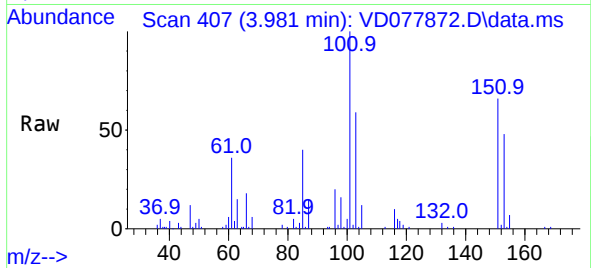




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.645 ug/L
RT: 3.981 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

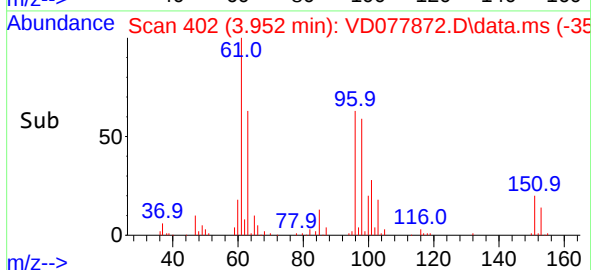
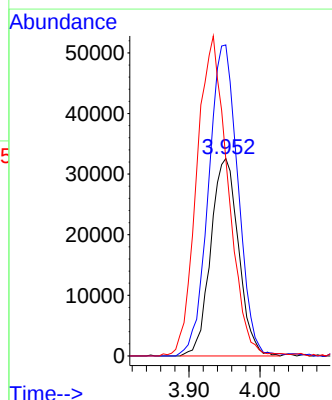
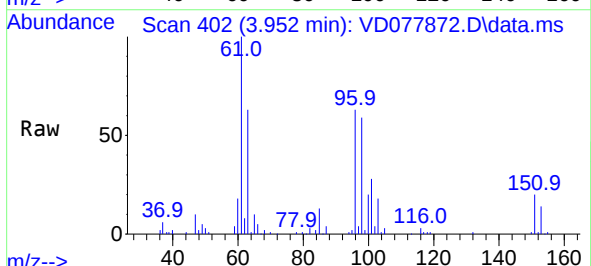
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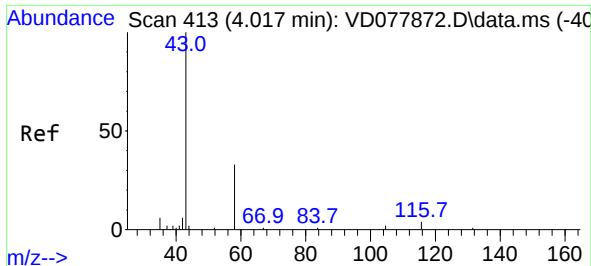
Tgt Ion:101 Resp: 96547
Ion Ratio Lower Upper
101 100
85 43.0 35.8 53.6
151 72.2 57.0 85.6



#12
1,1-Dichloroethene
Concen: 23.843 ug/L
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion: 96 Resp: 88399
Ion Ratio Lower Upper
96 100
61 157.5 108.6 201.6
63 99.8 60.3 111.9

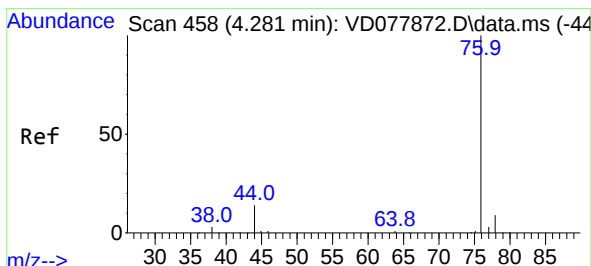
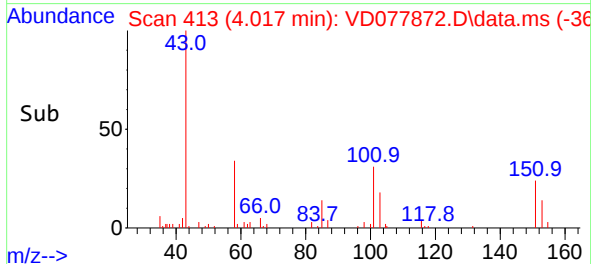
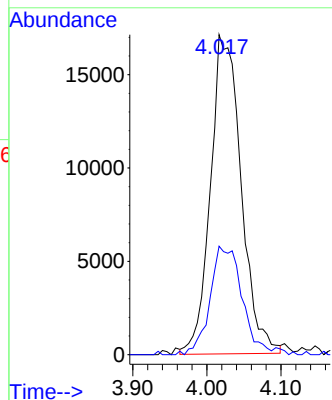
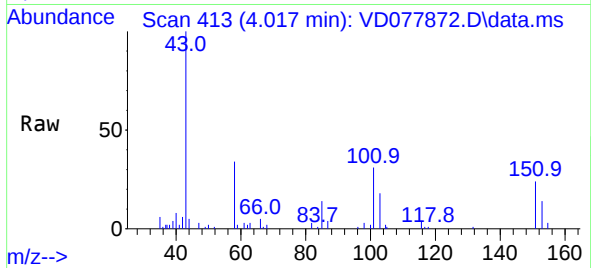




#13
Acetone
Concen: 40.794 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.012 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

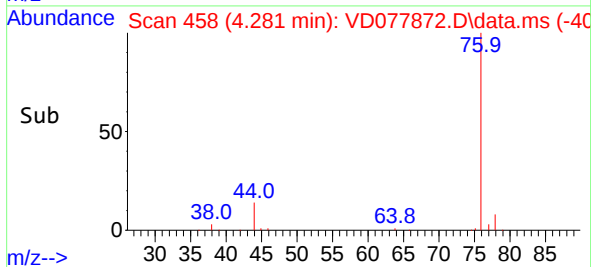
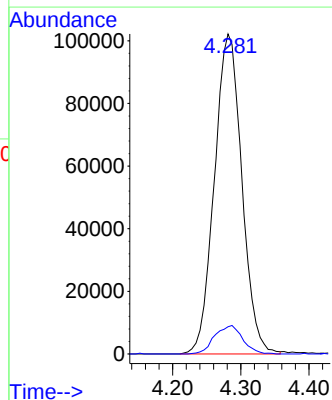
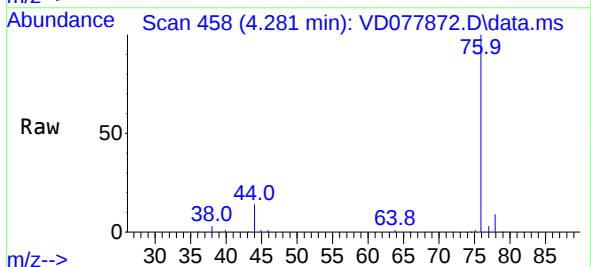
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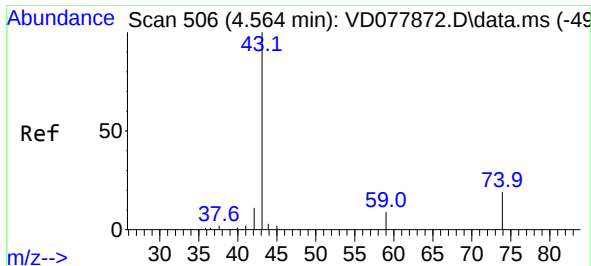
Tgt Ion: 43 Resp: 49098
Ion Ratio Lower Upper
43 100
58 20.7 0.0 67.2



#14
Carbon disulfide
Concen: 21.805 ug/L
RT: 4.281 min Scan# 458
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 286496
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

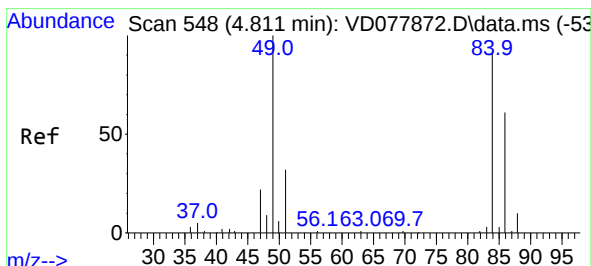
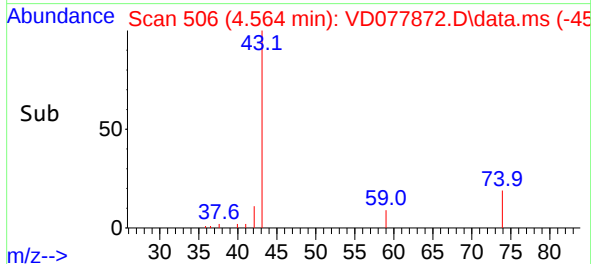
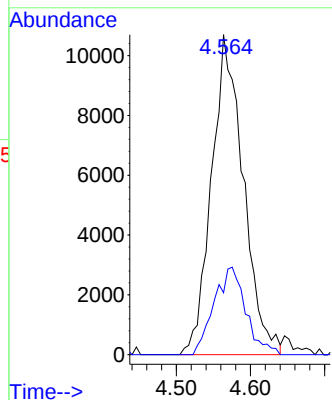
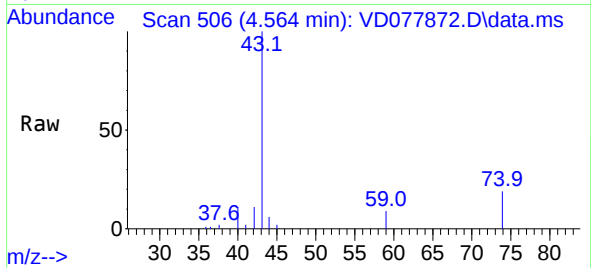




#15
Methyl Acetate
Concen: 18.495 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

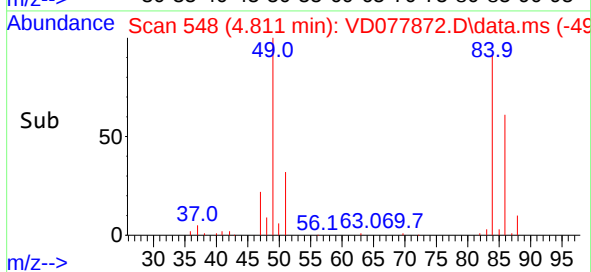
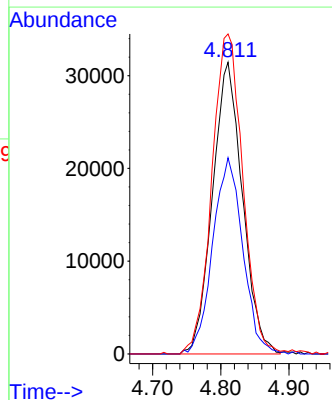
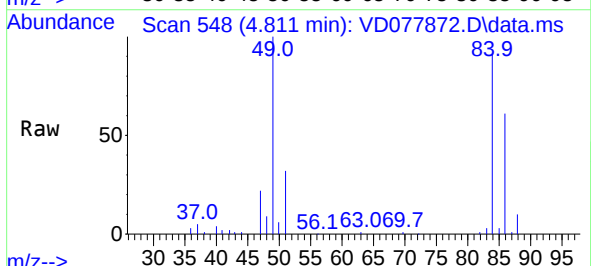
Instrument :
MSVOA_D
ClientSampleId :

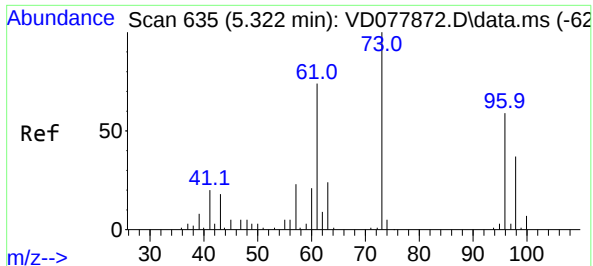
Tgt Ion: 43 Resp: 31866
Ion Ratio Lower Upper
43 100
74 27.3 18.6 27.8



#16
Methylene chloride
Concen: 19.847 ug/L
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

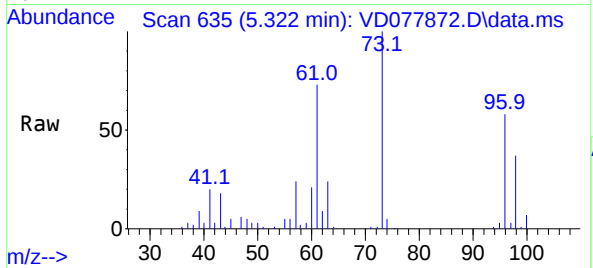
Tgt Ion: 84 Resp: 96048
Ion Ratio Lower Upper
84 100
86 67.3 40.1 74.5
49 109.7 83.2 154.6



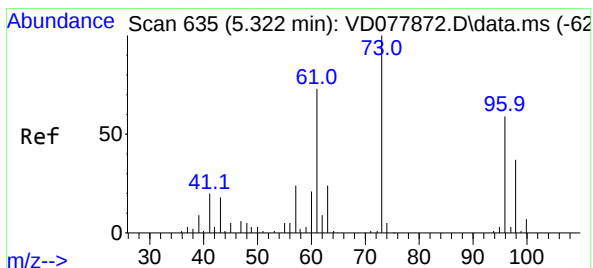
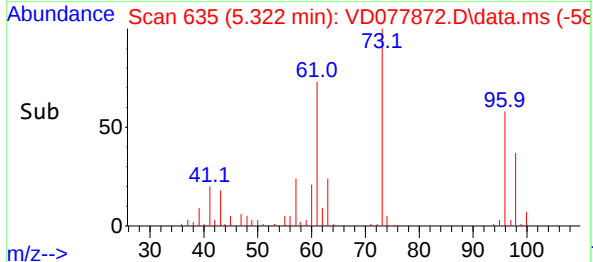
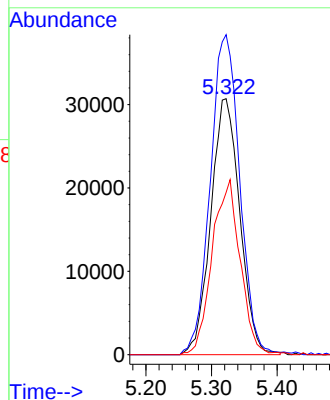


#17
trans-1,2-Dichloroethene
Concen: 24.403 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Instrument :
MSVOA_D
ClientSampleId :

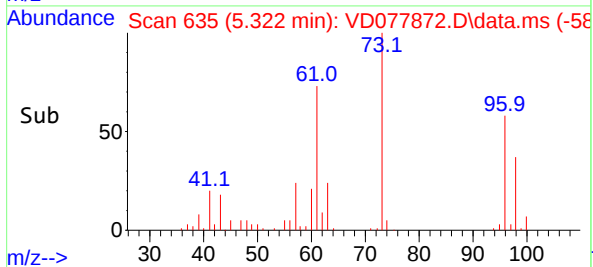
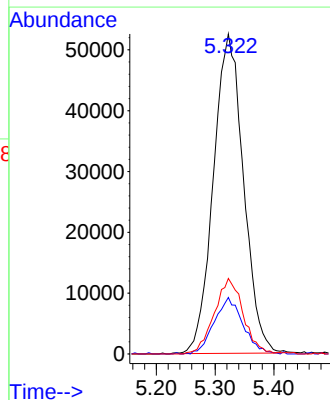
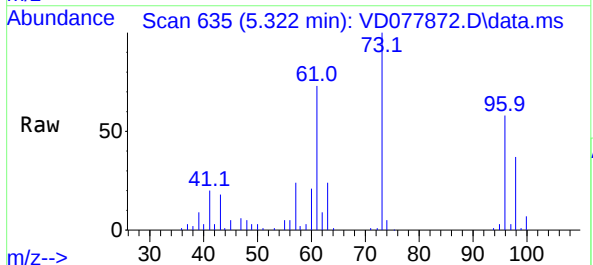


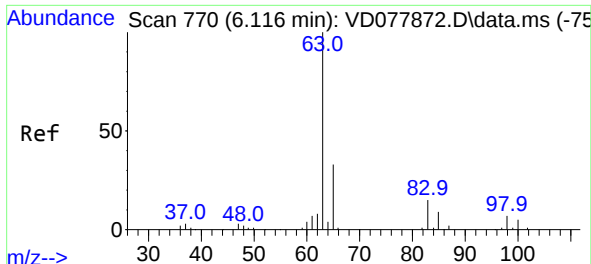
Tgt Ion: 96 Resp: 94332
Ion Ratio Lower Upper
96 100
61 125.0 92.3 171.3
98 63.4 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 21.902 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

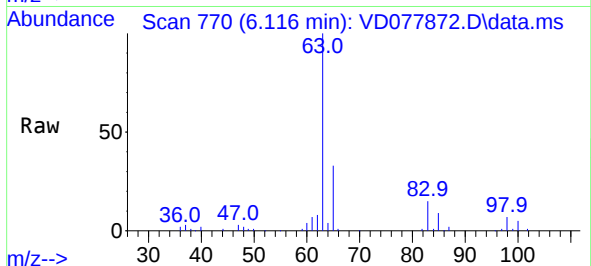
Tgt Ion: 73 Resp: 186634
Ion Ratio Lower Upper
73 100
43 16.9 15.0 22.4
57 22.6 18.1 27.1





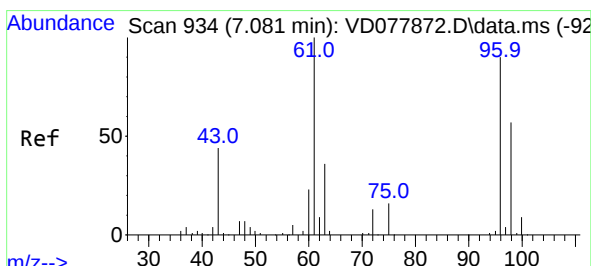
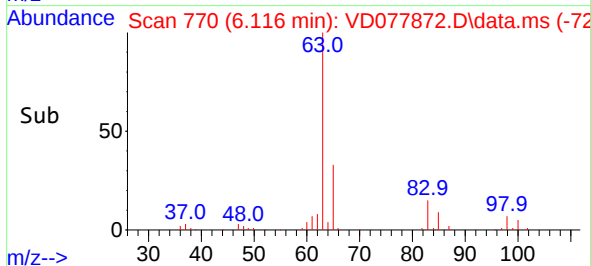
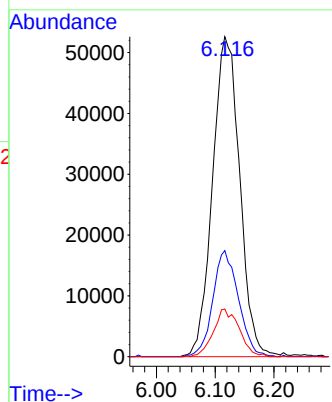
#19
 1,1-Dichloroethane
 Concen: 23.183 ug/L
 RT: 6.116 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD077872.D
 Acq: 14 Dec 2023 09:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 63 Resp: 168895

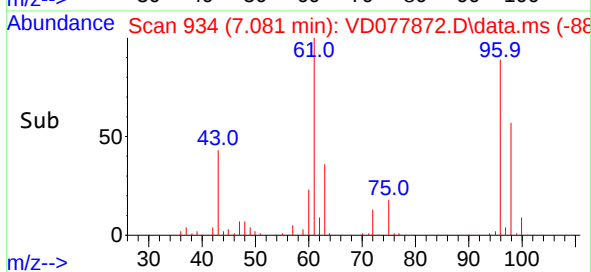
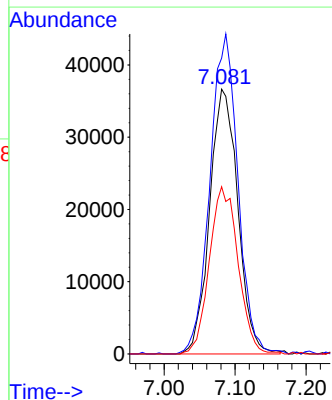
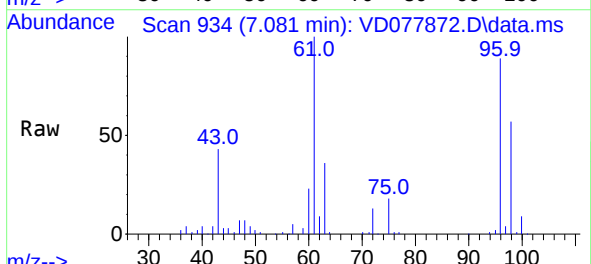
Ion	Ratio	Lower	Upper
63	100		
65	33.1	20.9	38.9
83	14.9	9.7	17.9

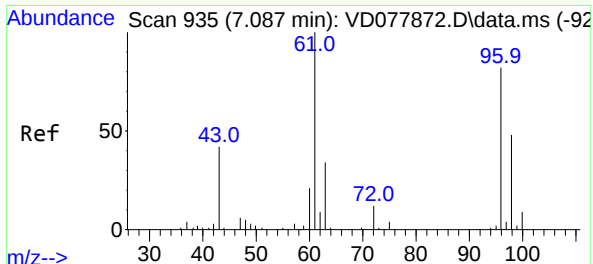


#20
 cis-1,2-Dichloroethene
 Concen: 23.564 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. -0.006 min
 Lab File: VD077872.D
 Acq: 14 Dec 2023 09:57

Tgt Ion: 96 Resp: 101218

Ion	Ratio	Lower	Upper
96	100		
61	111.7	88.1	163.5
98	63.1	44.1	81.9

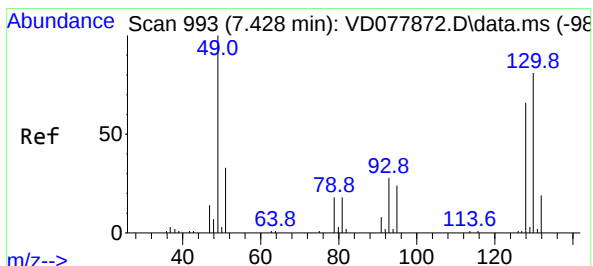
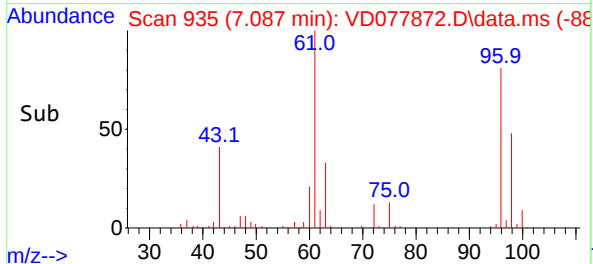
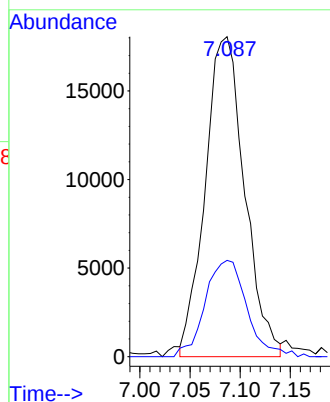
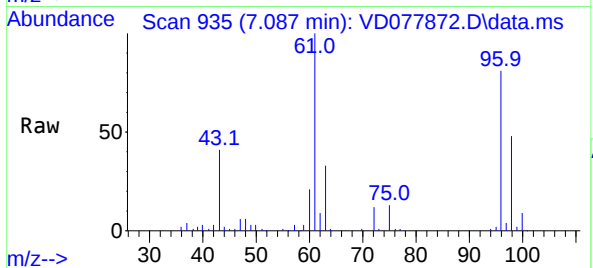




#22
2-Butanone
Concen: 36.454 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

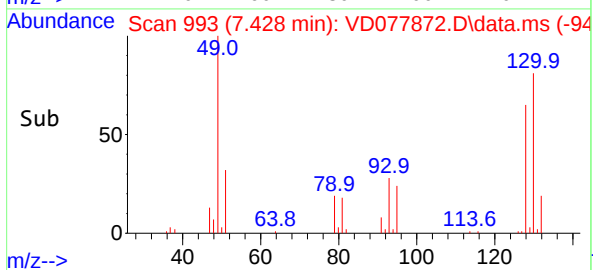
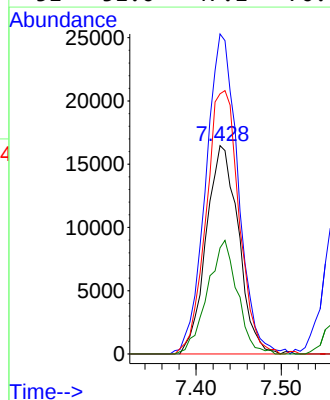
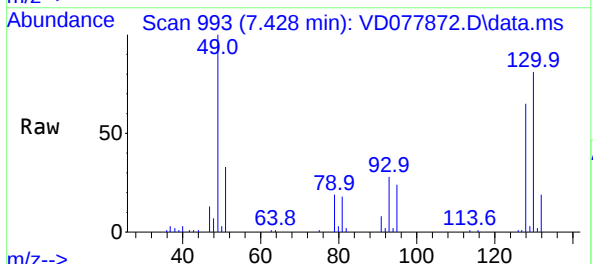
Instrument :
MSVOA_D
ClientSampleId :

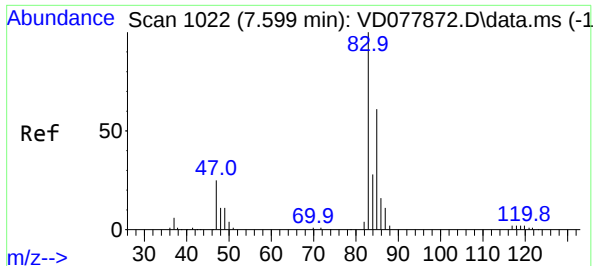
Tgt Ion: 43 Resp: 49382
Ion Ratio Lower Upper
43 100
72 31.8 7.2 21.6#



#23
Bromochloromethane
Concen: 24.202 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:128 Resp: 43282
Ion Ratio Lower Upper
128 100
49 153.6 124.7 231.5
130 124.9 92.3 171.3
51 51.0 47.1 70.7





#25

Chloroform

Concen: 23.894 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077872.D

Acq: 14 Dec 2023 09:57

Instrument :

MSVOA_D

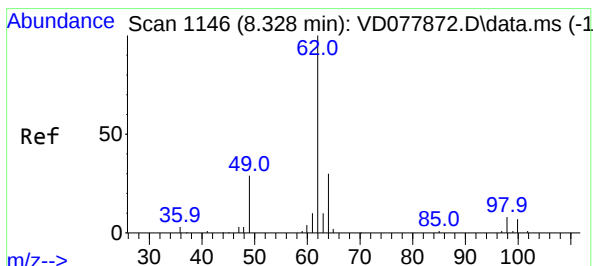
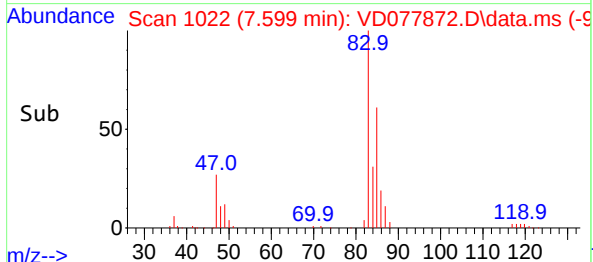
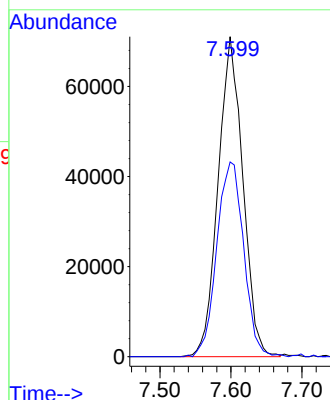
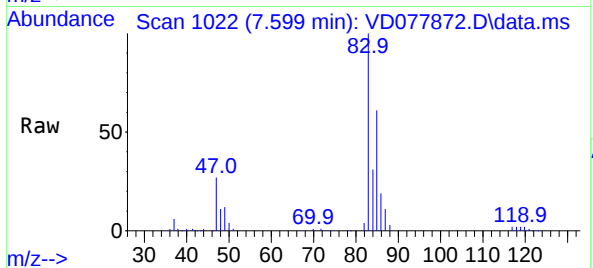
ClientSampleId :

Tgt Ion: 83 Resp: 171378

Ion Ratio Lower Upper

83 100

85 60.9 48.9 90.9



#27

1,2-Dichloroethane

Concen: 22.719 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077872.D

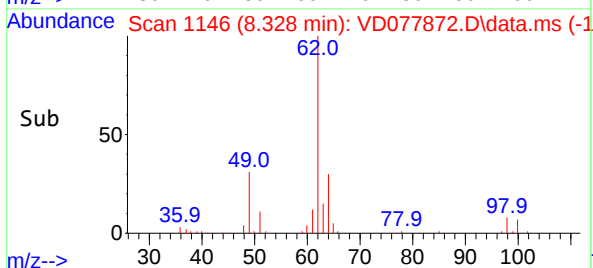
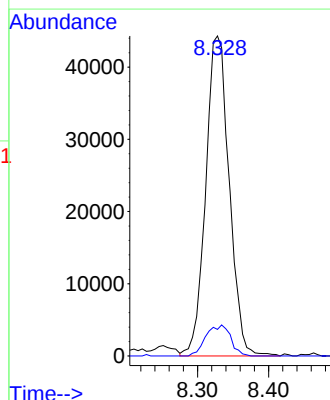
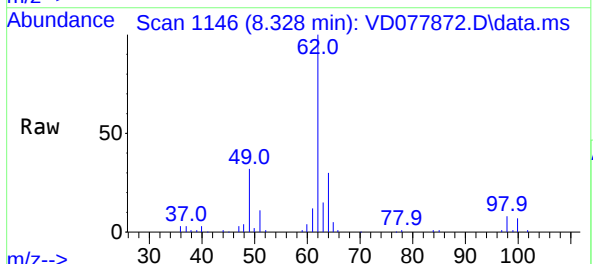
Acq: 14 Dec 2023 09:57

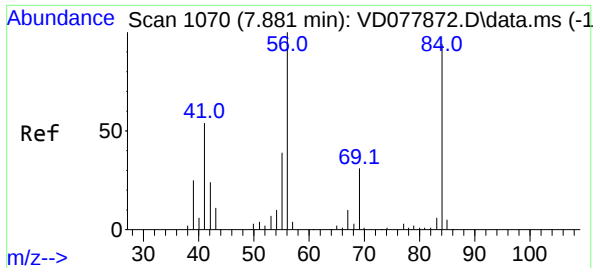
Tgt Ion: 62 Resp: 101928

Ion Ratio Lower Upper

62 100

98 8.3 8.4 12.6#





#29

Cyclohexane

Concen: 21.597 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD077872.D

Acq: 14 Dec 2023 09:57

Instrument :

MSVOA_D

ClientSampleId :

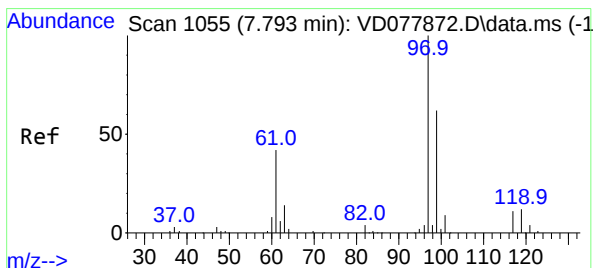
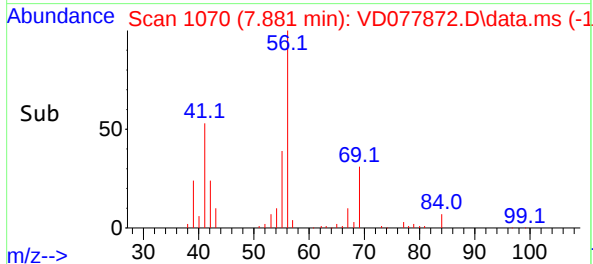
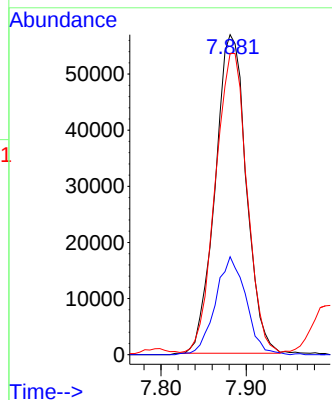
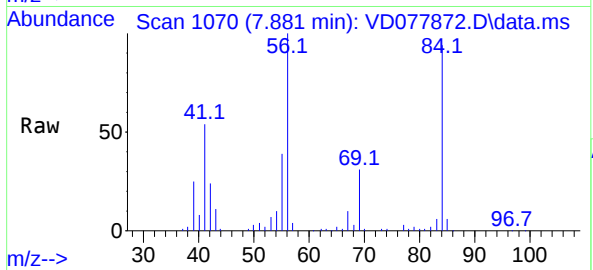
Tgt Ion: 56 Resp: 143826

Ion Ratio Lower Upper

56 100

69 30.2 22.2 33.4

84 96.7 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 24.552 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077872.D

Acq: 14 Dec 2023 09:57

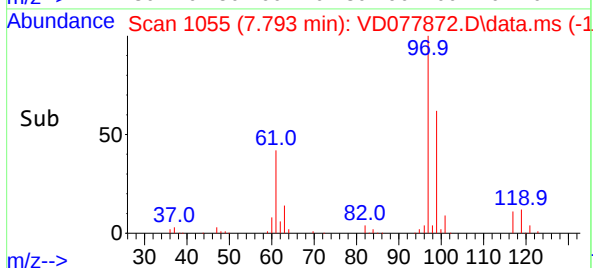
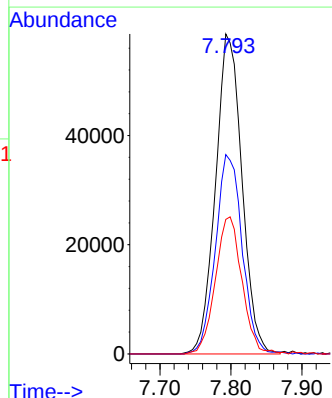
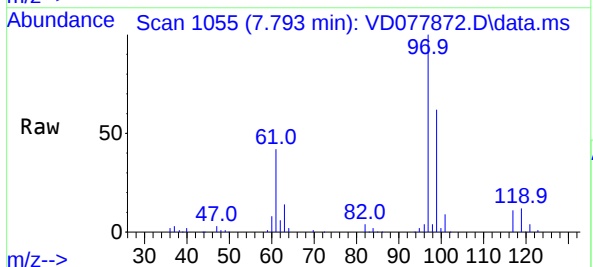
Tgt Ion: 97 Resp: 151618

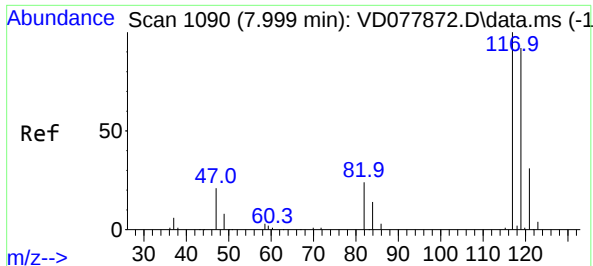
Ion Ratio Lower Upper

97 100

99 62.7 51.4 77.2

61 42.6 35.4 53.2

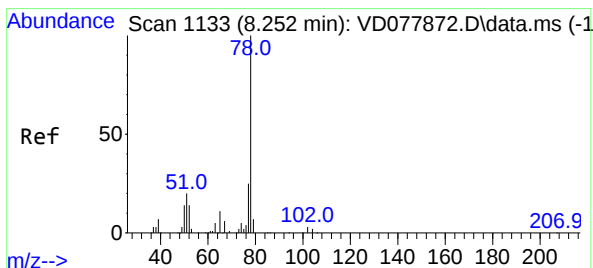
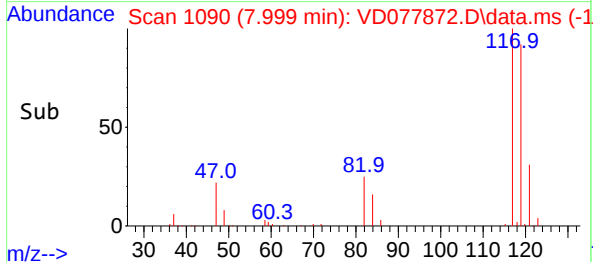
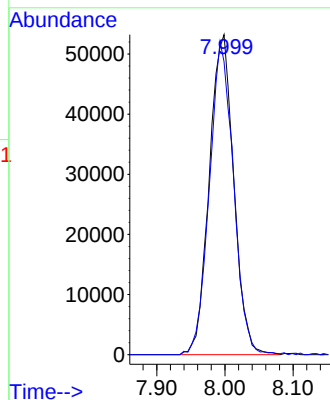
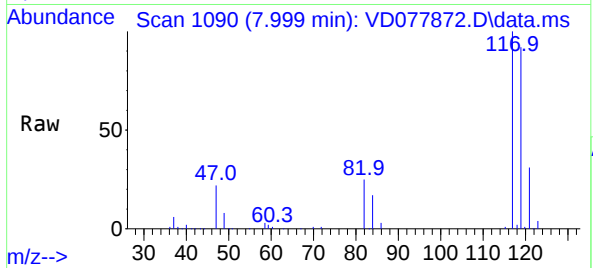




#31
Carbon tetrachloride
Concen: 24.468 ug/L
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

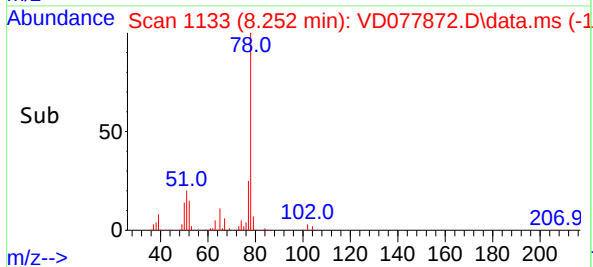
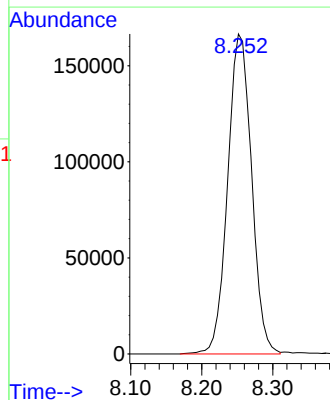
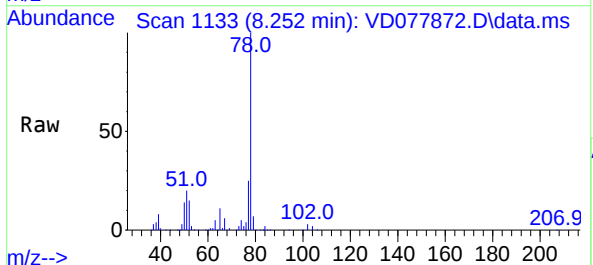
Instrument :
MSVOA_D
ClientSampleId :

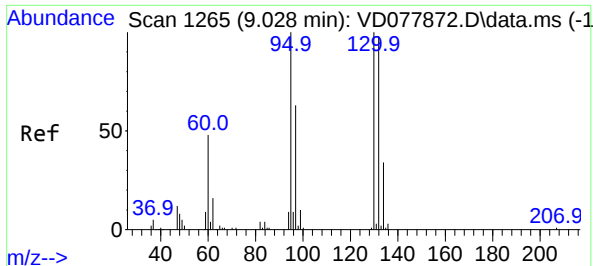
Tgt Ion:117 Resp: 132878
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5



#33
Benzene
Concen: 23.736 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

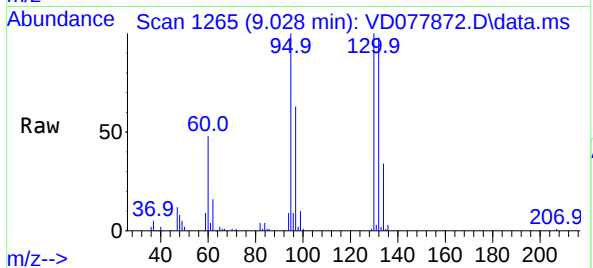
Tgt Ion: 78 Resp: 389897





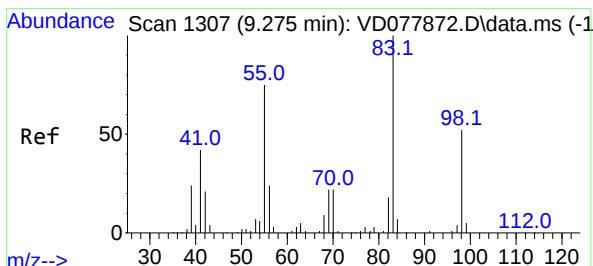
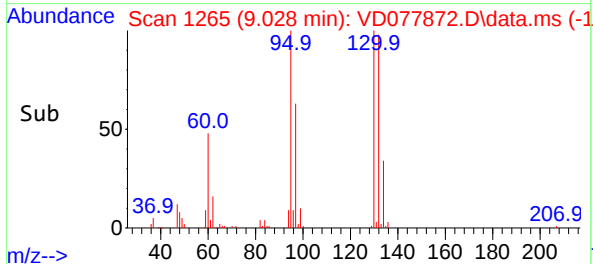
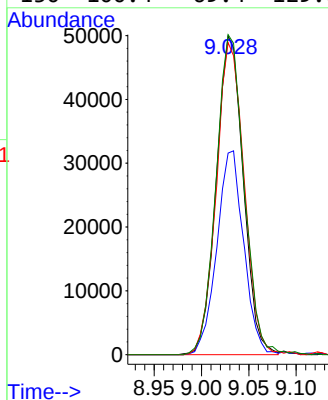
#34
Trichloroethene
Concen: 24.281 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 99008

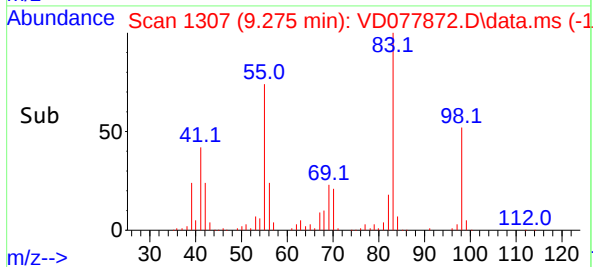
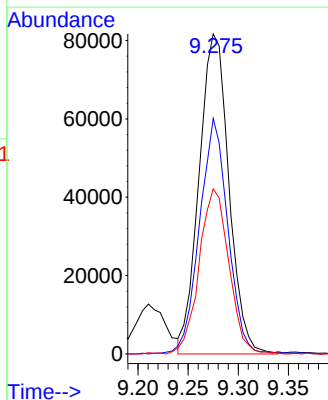
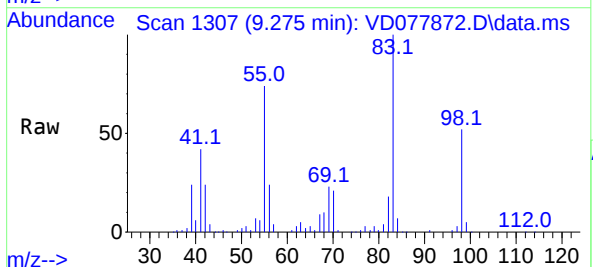
Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.2	82.0
132	97.9	67.5	125.3
130	100.4	69.4	129.0

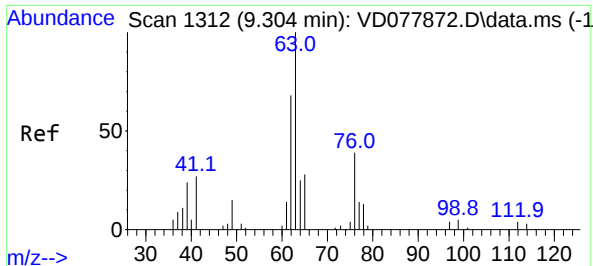


#35
Methylcyclohexane
Concen: 23.335 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion: 83 Resp: 168917

Ion	Ratio	Lower	Upper
83	100		
55	70.0	59.8	89.6
98	51.4	38.5	57.7

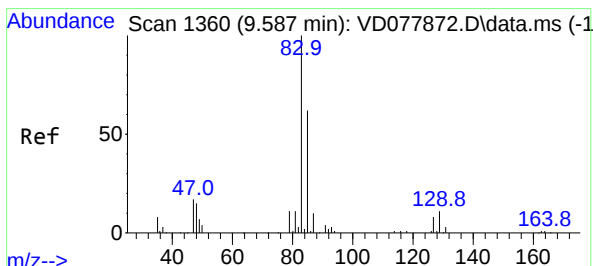
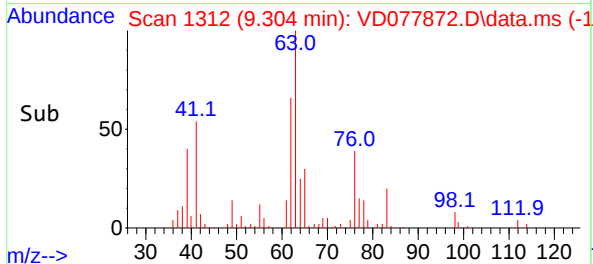
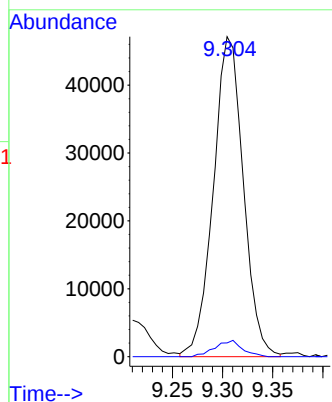
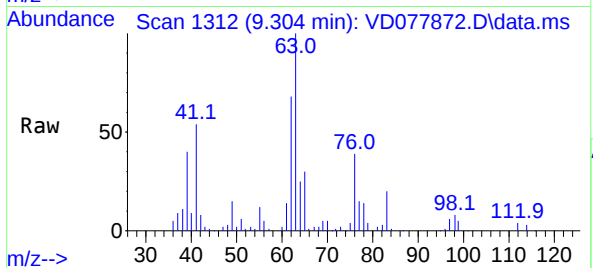




#37
1,2-Dichloropropane
Concen: 22.873 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

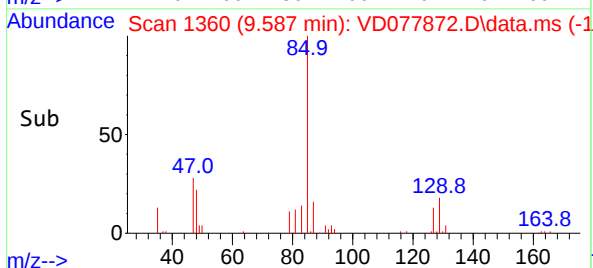
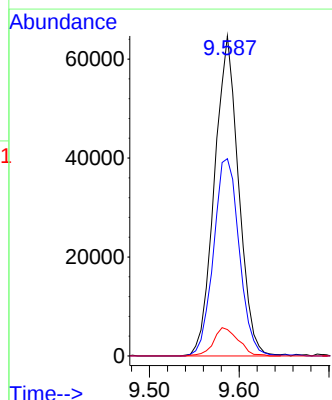
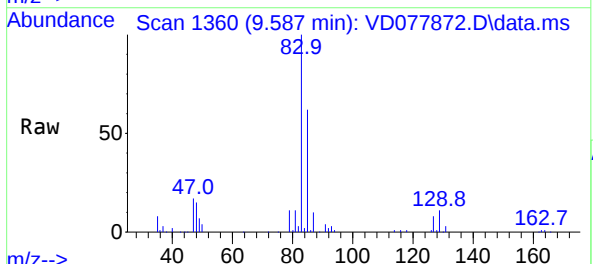
Instrument :
MSVOA_D
ClientSampleId :

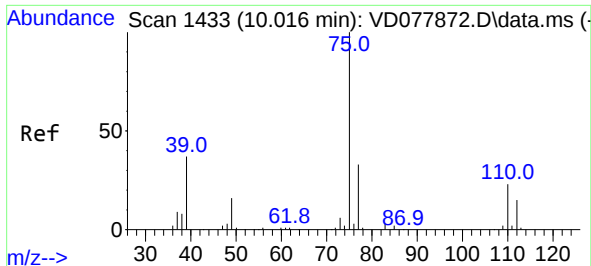
Tgt Ion: 63 Resp: 97960
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 23.223 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion: 83 Resp: 120946
Ion Ratio Lower Upper
83 100
85 61.7 45.5 84.5
127 8.2 7.4 11.2

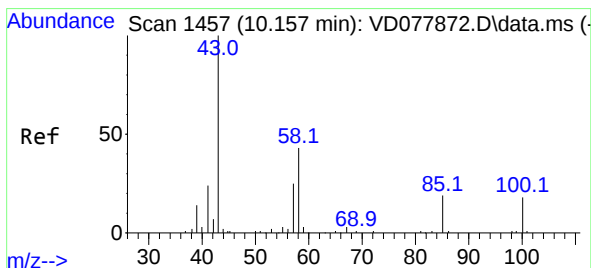
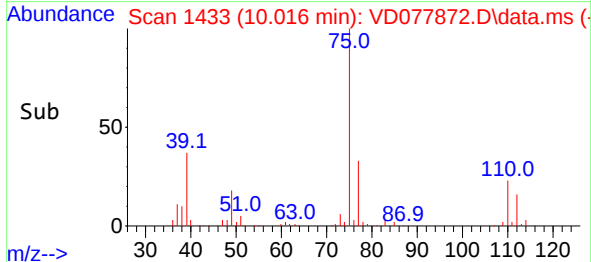
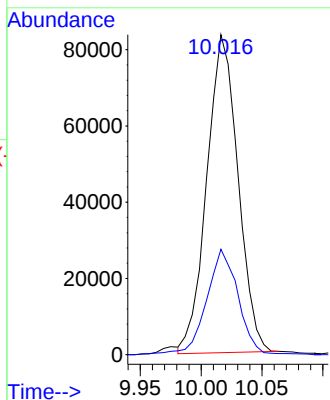
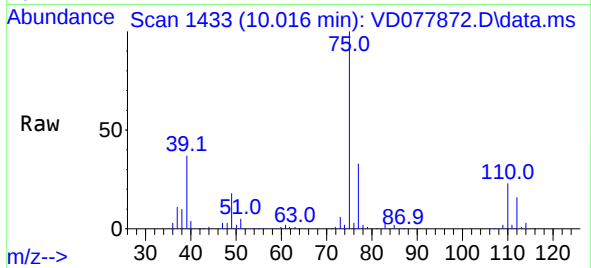




#39
 cis-1,3-Dichloropropene
 Concen: 22.233 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD077872.D
 Acq: 14 Dec 2023 09:57

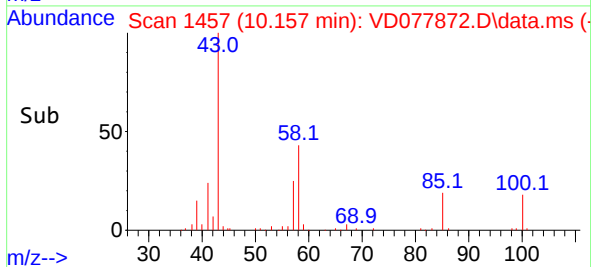
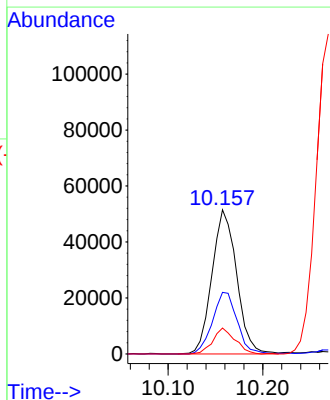
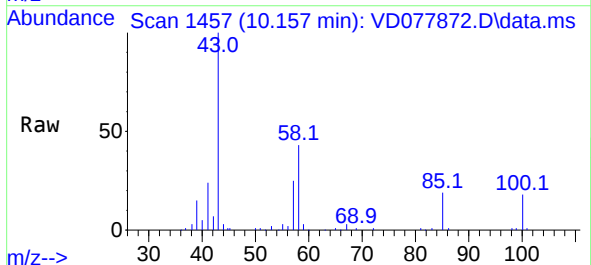
Instrument :
 MSVOA_D
 ClientSampleId :

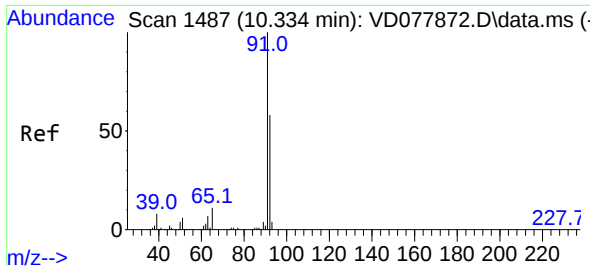
Tgt Ion: 75 Resp: 148697
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 39.455 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VD077872.D
 Acq: 14 Dec 2023 09:57

Tgt Ion: 43 Resp: 93246
 Ion Ratio Lower Upper
 43 100
 58 42.6 31.0 46.4
 100 16.1 11.9 17.9

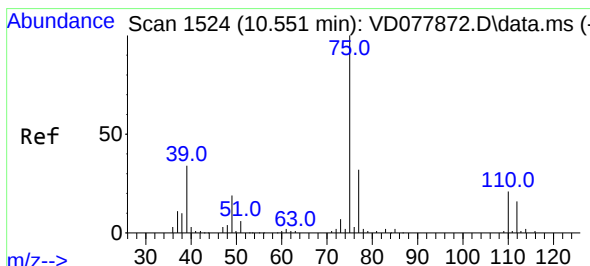
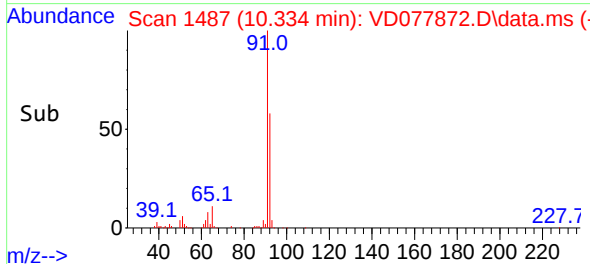
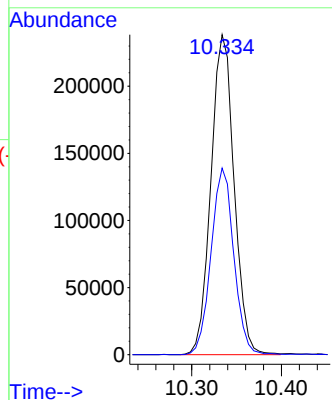
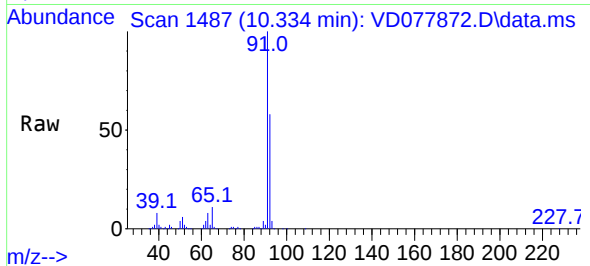




#42
Toluene
Concen: 24.471 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

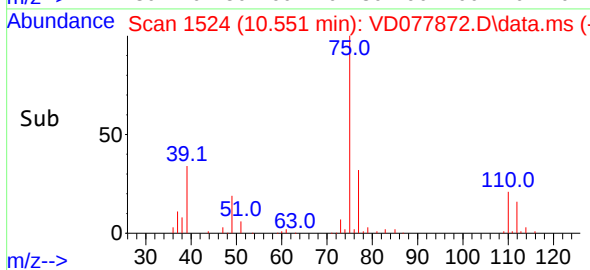
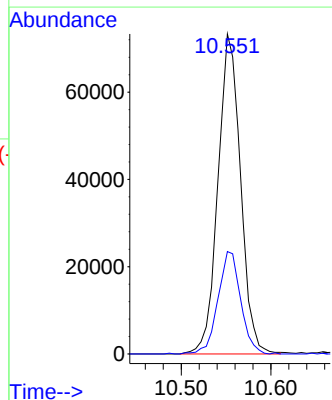
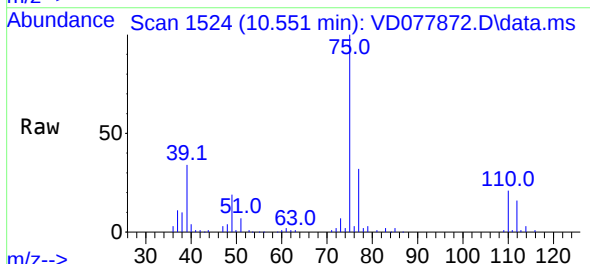
Instrument :
MSVOA_D
ClientSampleId :

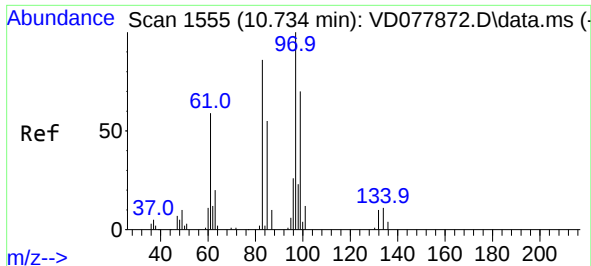
Tgt Ion: 91 Resp: 426950
Ion Ratio Lower Upper
91 100
92 58.3 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 22.947 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

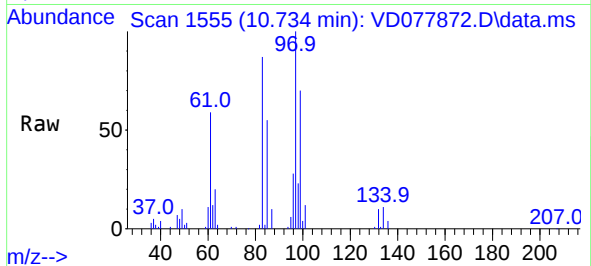
Tgt Ion: 75 Resp: 128190
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8





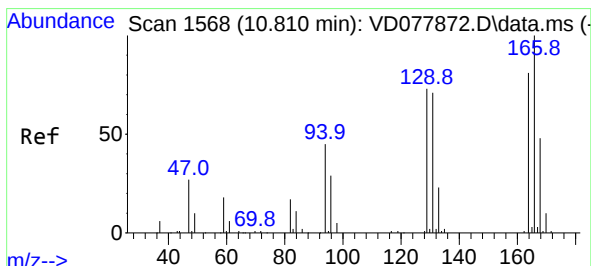
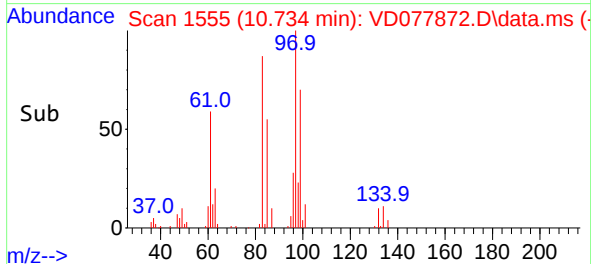
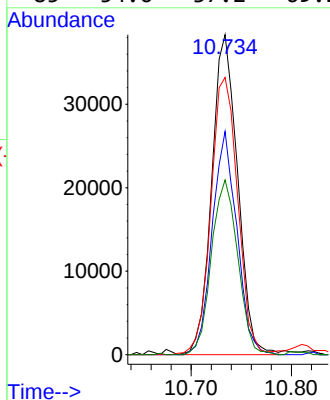
#45
1,1,2-Trichloroethane
Concen: 23.876 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 68677

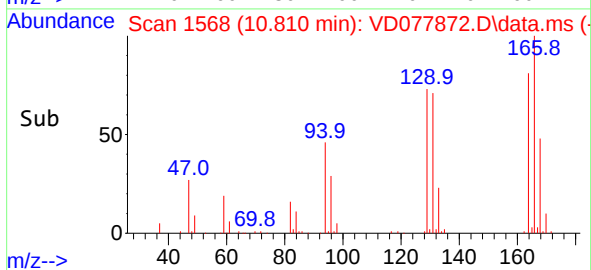
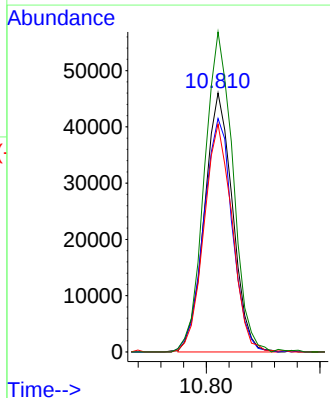
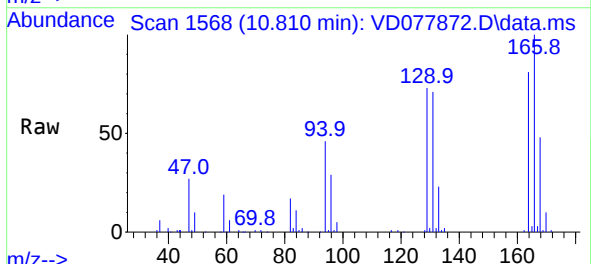
Ion	Ratio	Lower	Upper
97	100		
99	69.7	41.7	77.5
83	86.6	63.6	118.2
85	54.6	37.2	69.2

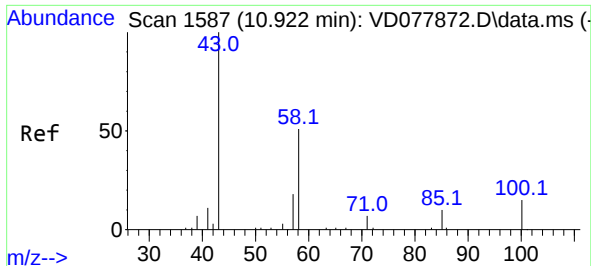


#46
Tetrachloroethene
Concen: 24.032 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion: 164 Resp: 79018

Ion	Ratio	Lower	Upper
164	100		
129	90.1	61.5	114.3
131	87.9	59.1	109.9
166	123.5	85.4	158.6

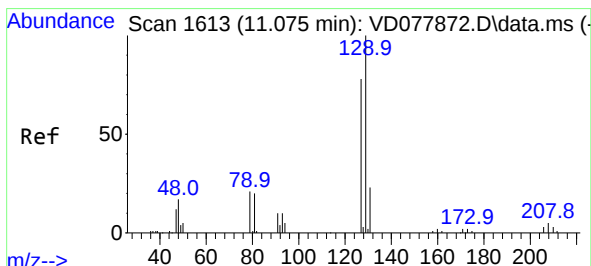
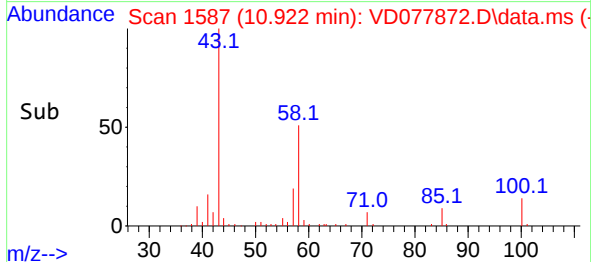
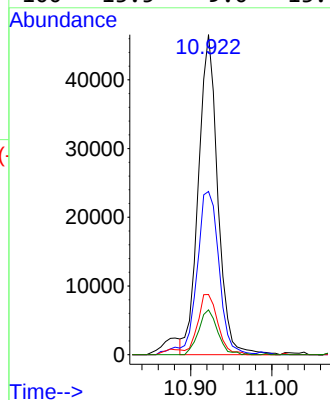
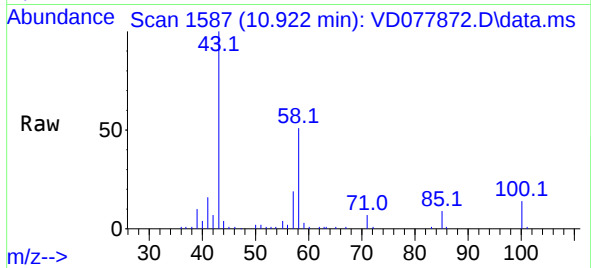




#48
2-Hexanone
Concen: 38.405 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

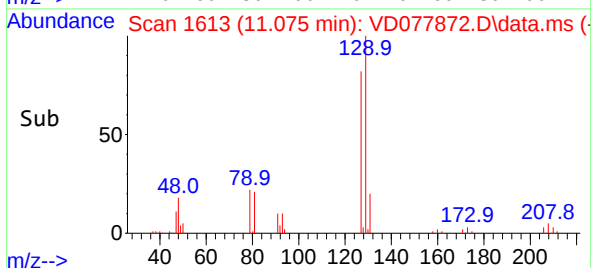
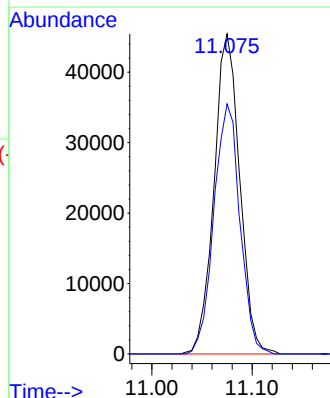
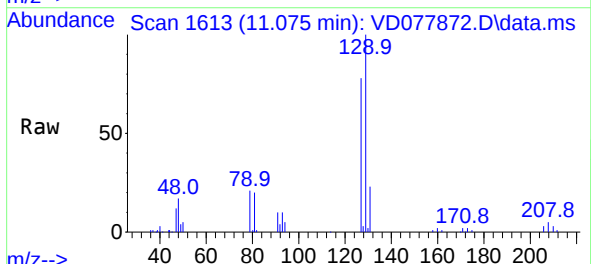
Instrument :
MSVOA_D
ClientSampleId :

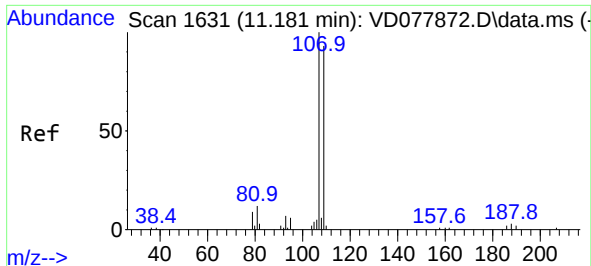
Tgt Ion: 43 Resp: 77148
Ion Ratio Lower Upper
43 100
58 56.9 43.0 64.6
57 17.8 13.8 20.8
100 13.5 9.0 13.4#



#49
Dibromochloromethane
Concen: 23.642 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:129 Resp: 80858
Ion Ratio Lower Upper
129 100
127 78.1 52.8 98.2

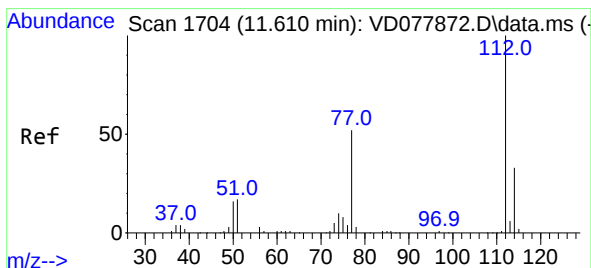
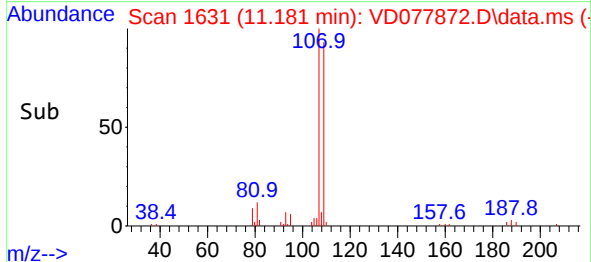
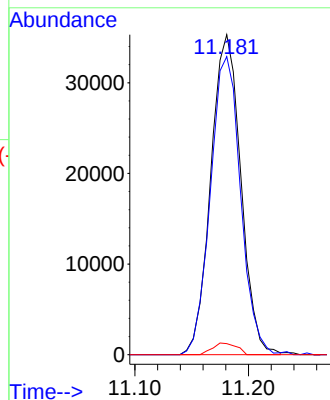
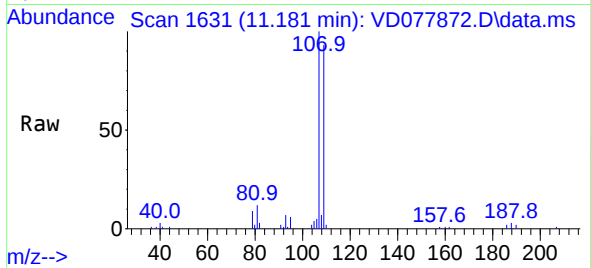




#50
1,2-Dibromoethane
Concen: 23.359 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

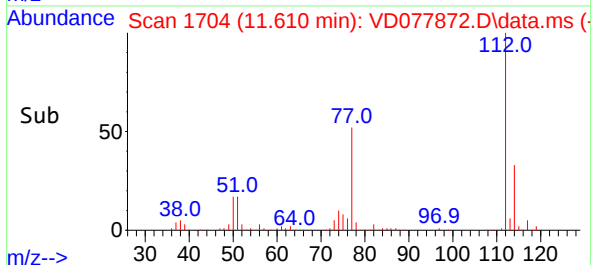
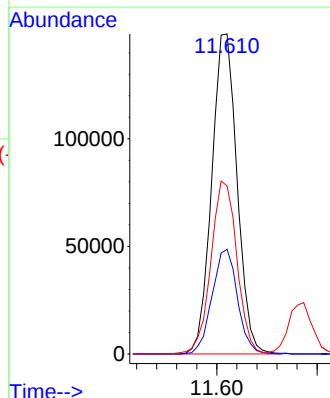
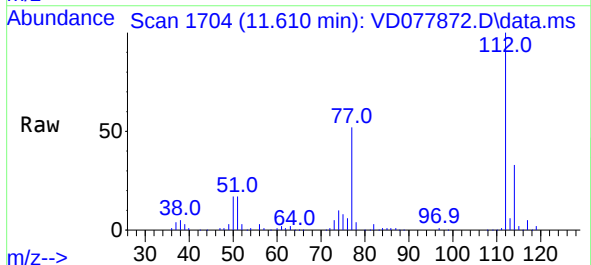
Instrument :
MSVOA_D
ClientSampleId :

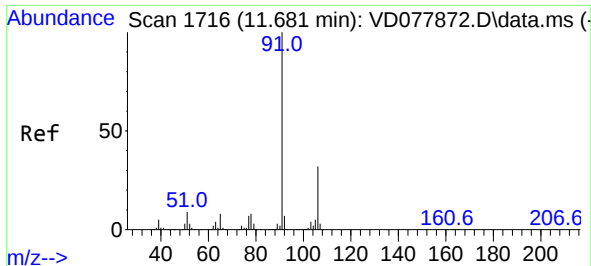
Tgt Ion:107 Resp: 64797
Ion Ratio Lower Upper
107 100
109 93.2 64.2 119.2
188 3.5 2.3 3.5



#51
Chlorobenzene
Concen: 24.162 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:112 Resp: 261405
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.9
77 52.5 46.4 69.6

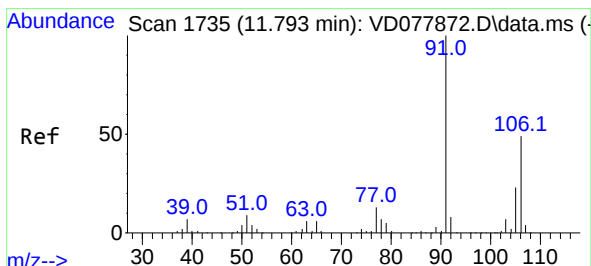
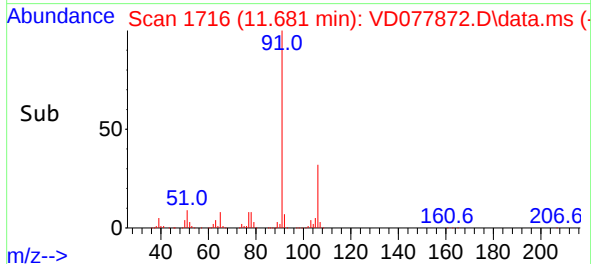
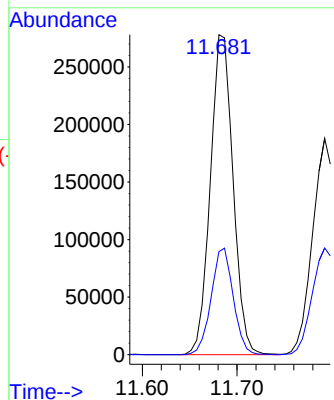
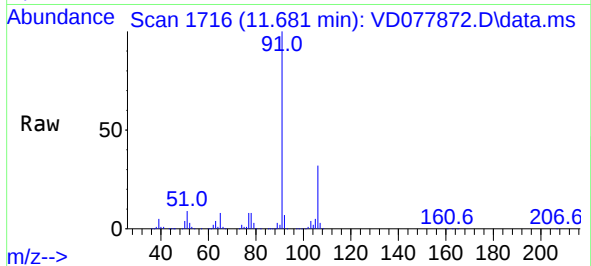




#52
Ethylbenzene
Concen: 23.948 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

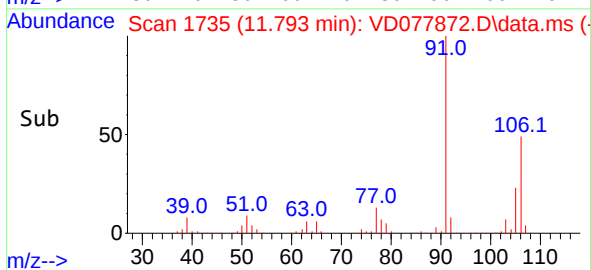
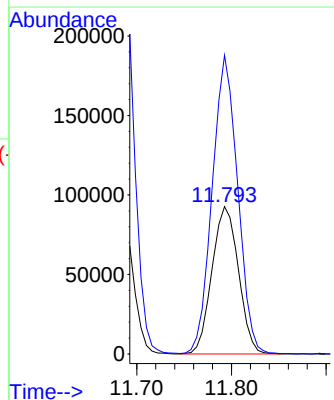
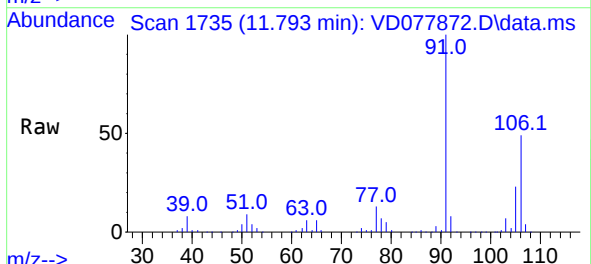
Instrument :
MSVOA_D
ClientSampleId :

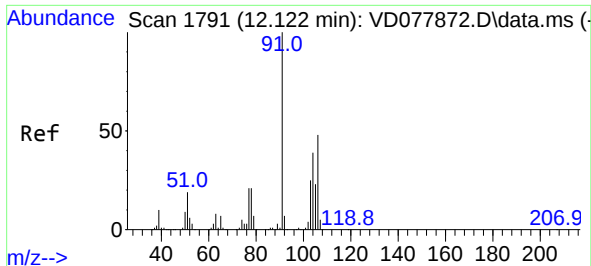
Tgt Ion: 91 Resp: 463185
Ion Ratio Lower Upper
91 100
106 32.2 22.4 41.6



#53
m,p-Xylene
Concen: 24.648 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

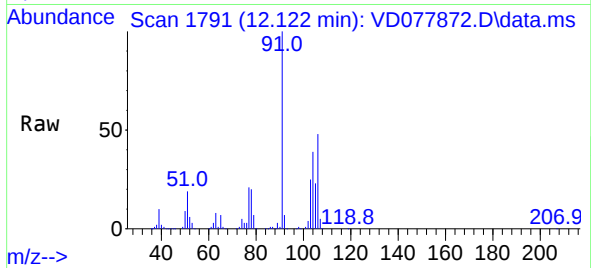
Tgt Ion:106 Resp: 180134
Ion Ratio Lower Upper
106 100
91 202.7 140.8 261.6



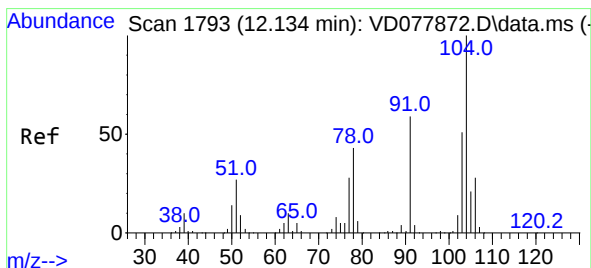
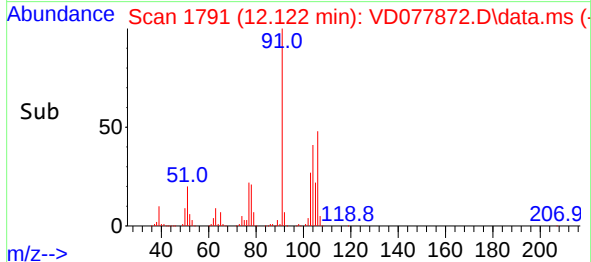
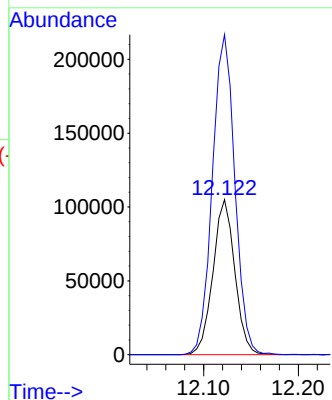


#54
o-Xylene
Concen: 24.072 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Instrument :
MSVOA_D
ClientSampleId :

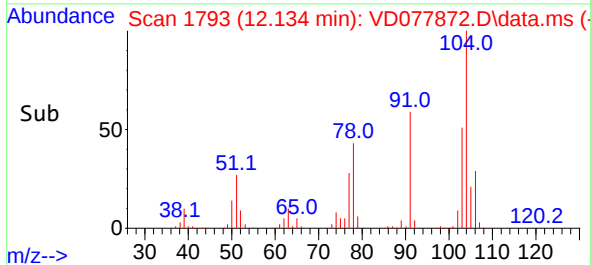
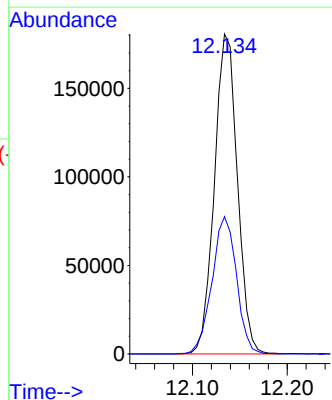
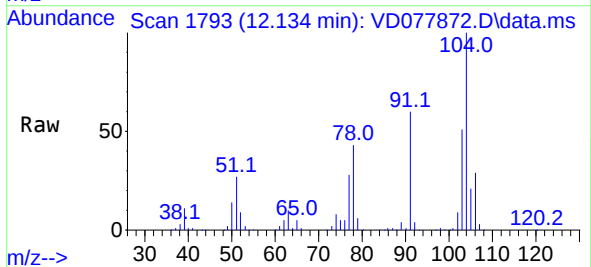


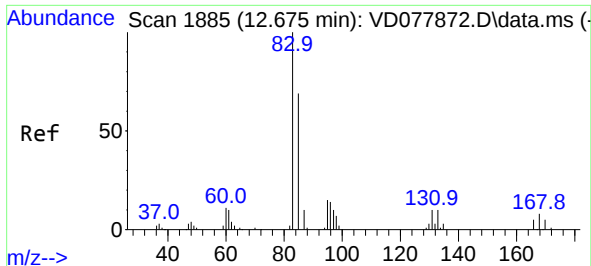
Tgt Ion:106 Resp: 168360
Ion Ratio Lower Upper
106 100
91 206.4 152.2 282.7



#55
Styrene
Concen: 24.906 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:104 Resp: 304811
Ion Ratio Lower Upper
104 100
78 42.9 30.9 57.5

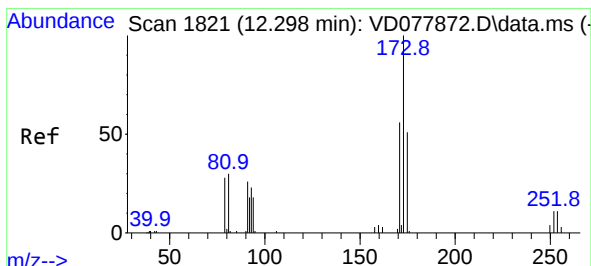
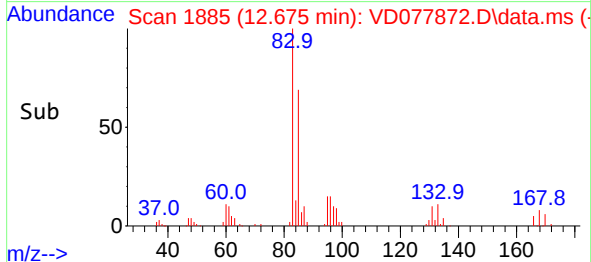
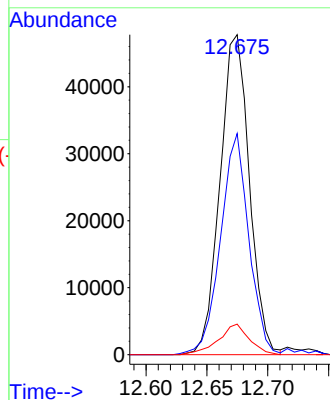
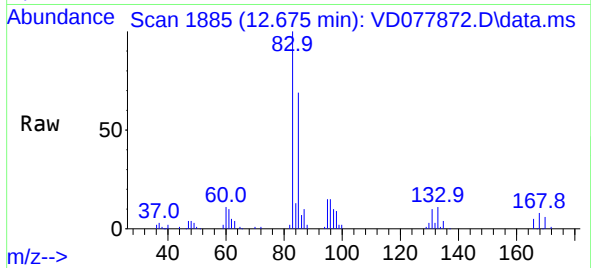




#57
1,1,2,2-Tetrachloroethane
Concen: 23.554 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

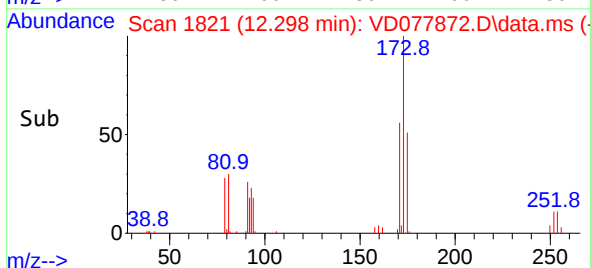
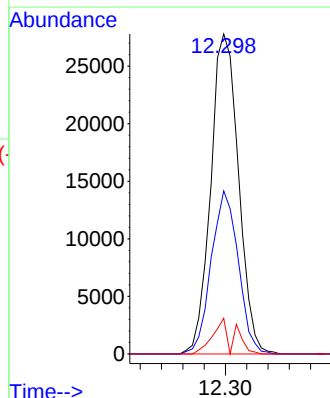
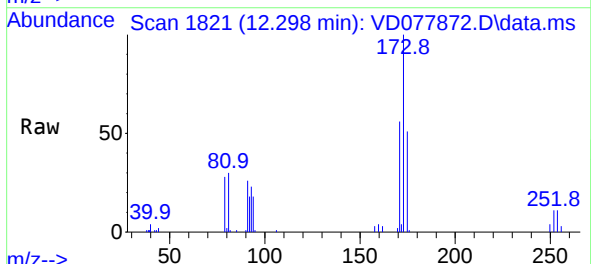
Instrument :
MSVOA_D
ClientSampleId :

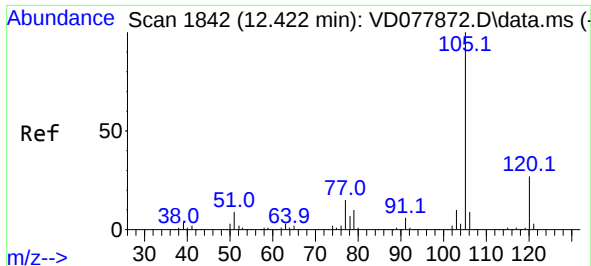
Tgt Ion: 83 Resp: 80276
Ion Ratio Lower Upper
83 100
85 69.1 43.3 80.5
131 9.5 7.3 10.9



#59
Bromoform
Concen: 23.810 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion: 173 Resp: 50358
Ion Ratio Lower Upper
173 100
175 49.6 38.7 58.1
254 5.5 1.8 2.8

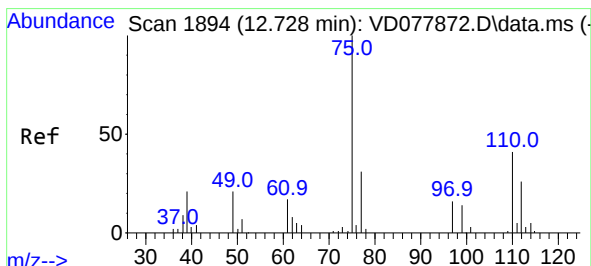
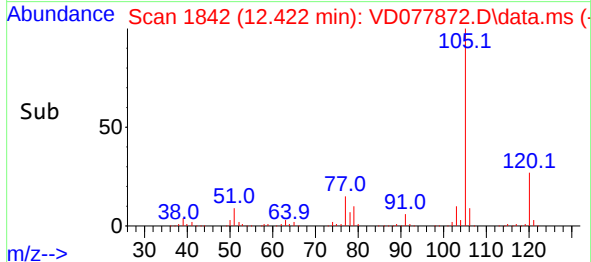
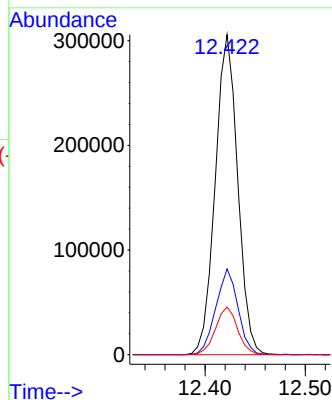
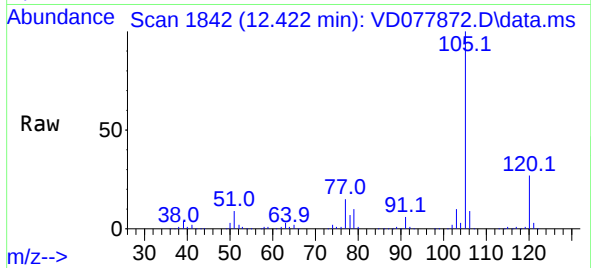




#60
Isopropylbenzene
Concen: 24.859 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

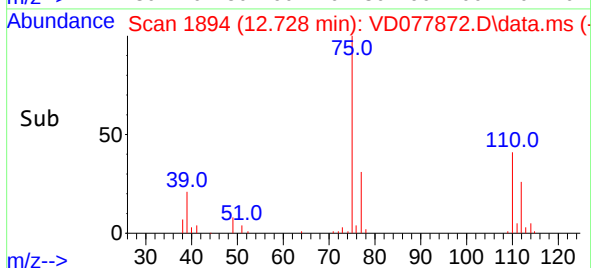
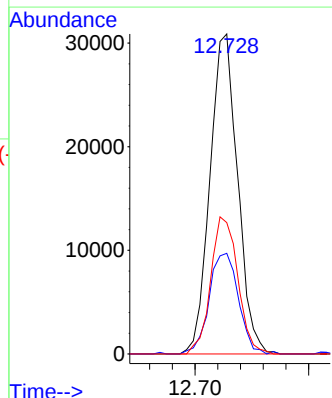
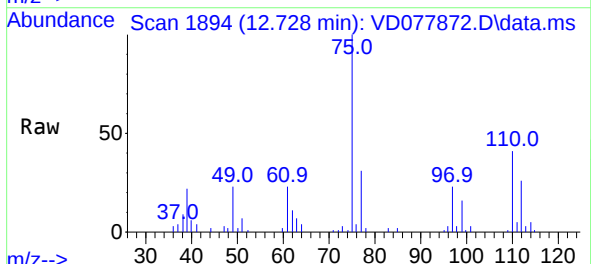
Instrument :
MSVOA_D
ClientSampleId :

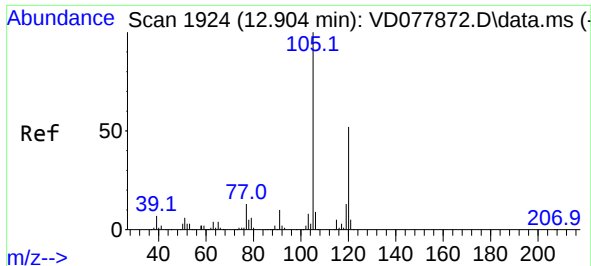
Tgt Ion:105 Resp: 474267
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 22.208 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion: 75 Resp: 52216
Ion Ratio Lower Upper
75 100
77 33.3 26.8 40.2
110 42.0 33.4 50.2

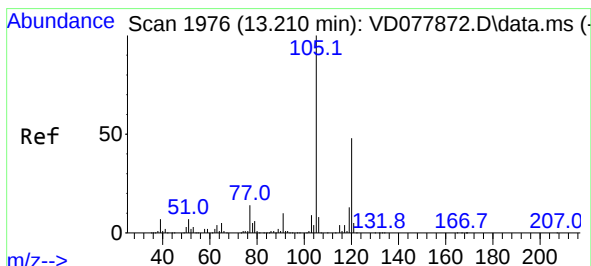
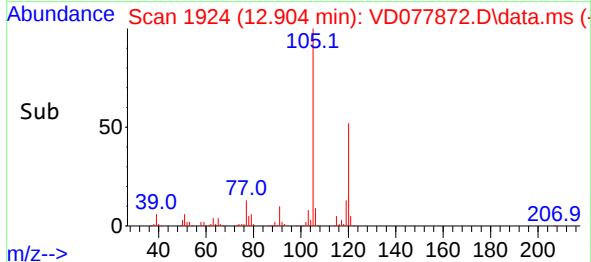
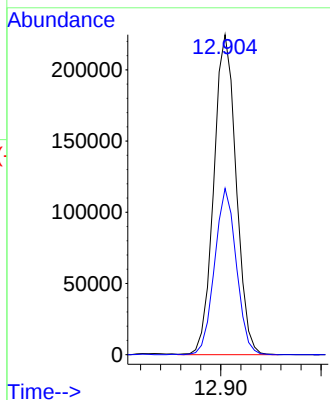
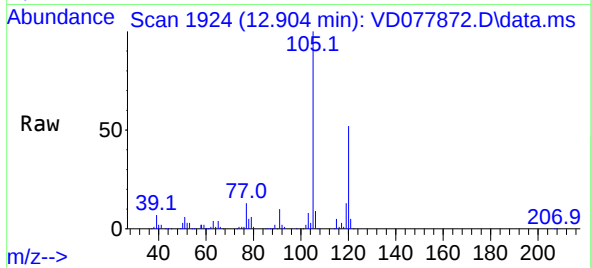




#62
1,3,5-Trimethylbenzene
Concen: 24.264 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

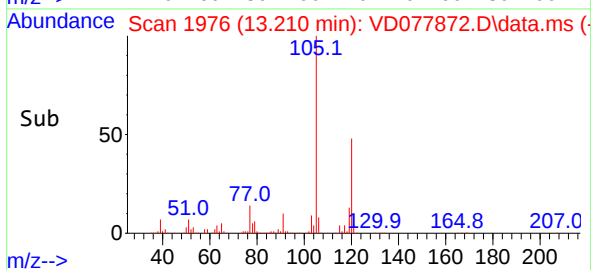
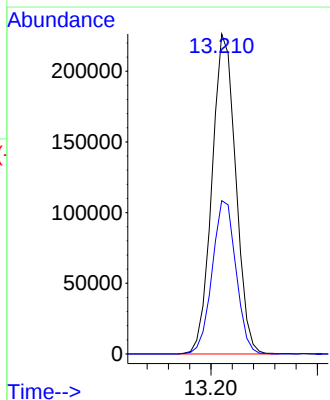
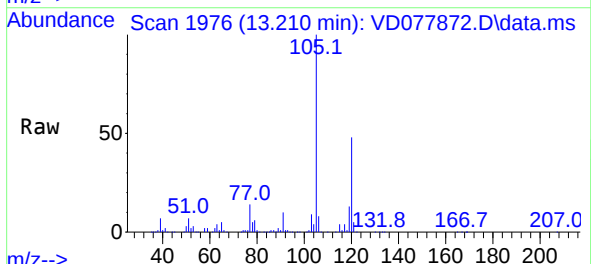
Instrument :
MSVOA_D
ClientSampleId :

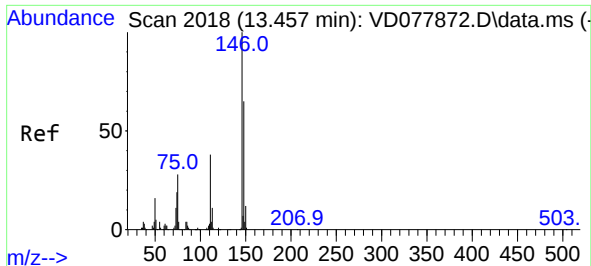
Tgt Ion:105 Resp: 347684
Ion Ratio Lower Upper
105 100
120 50.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 24.106 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:105 Resp: 350245
Ion Ratio Lower Upper
105 100
120 47.9 37.1 55.7

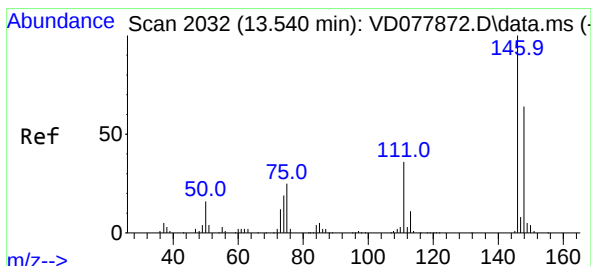
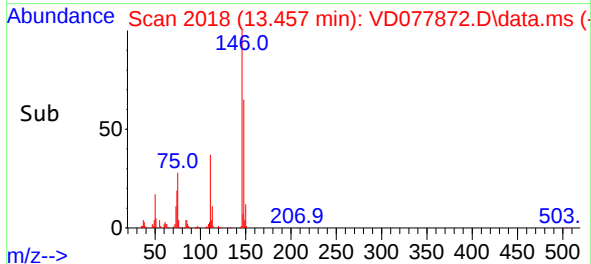
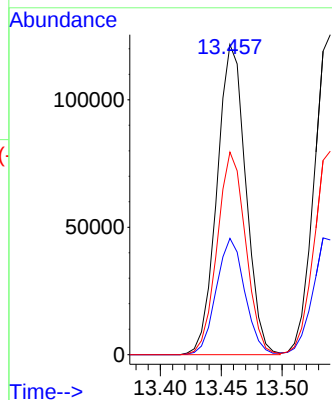
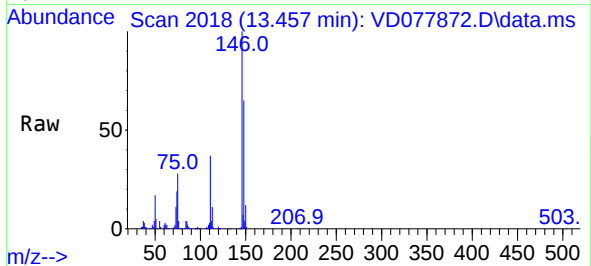




#64
1,3-Dichlorobenzene
Concen: 24.280 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

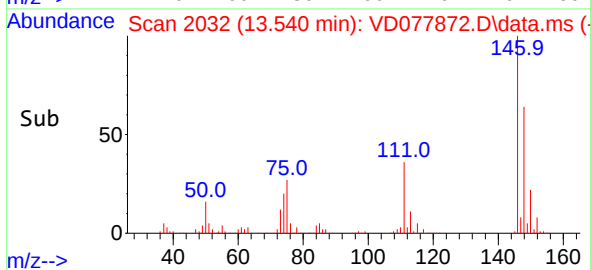
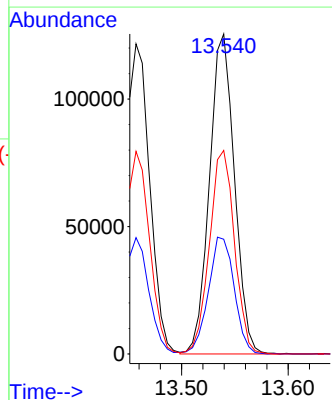
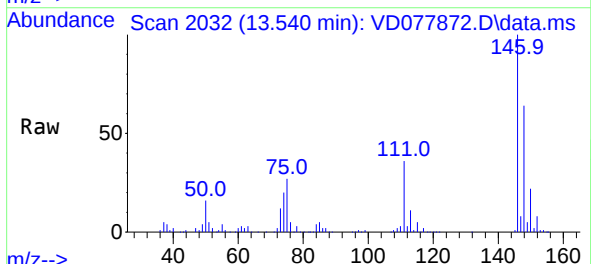
Instrument :
MSVOA_D
ClientSampleId :

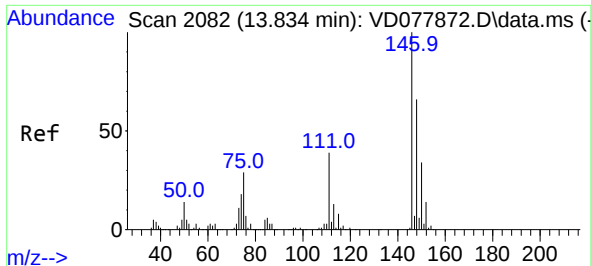
Tgt Ion:146 Resp: 200335
Ion Ratio Lower Upper
146 100
111 37.5 26.6 49.4
148 65.3 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 23.933 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:146 Resp: 204908
Ion Ratio Lower Upper
146 100
111 35.9 26.4 49.0
148 63.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 23.936 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

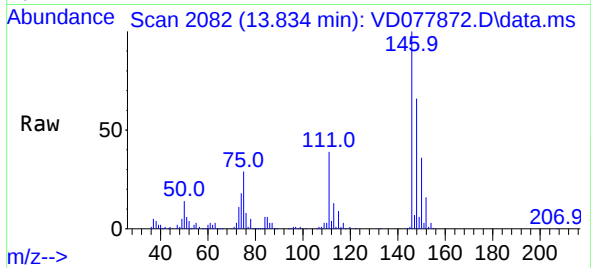
Lab File: VD077872.D

Acq: 14 Dec 2023 09:57

Instrument :

MSVOA_D

ClientSampleId :



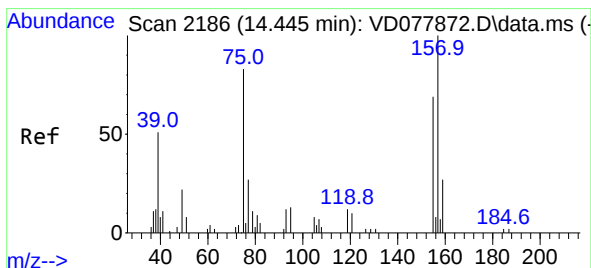
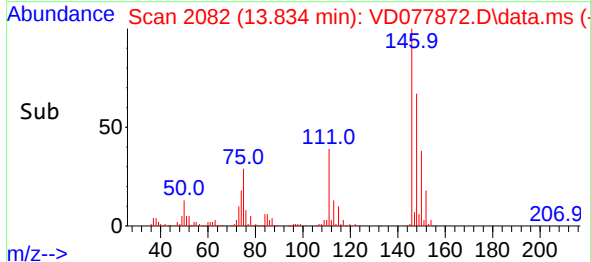
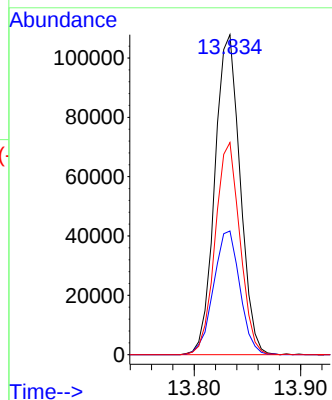
Tgt Ion:146 Resp: 177714

Ion Ratio Lower Upper

146 100

111 38.7 31.4 47.2

148 66.3 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 19.017 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077872.D

Acq: 14 Dec 2023 09:57

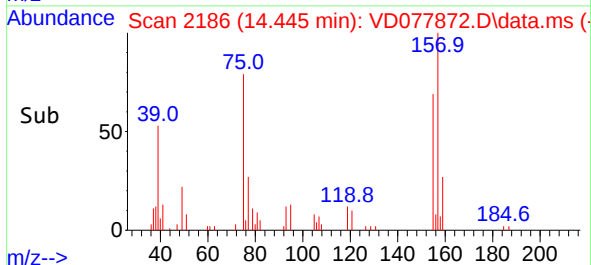
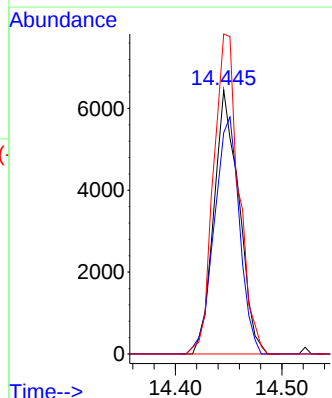
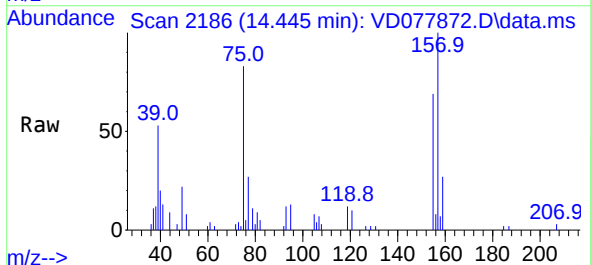
Tgt Ion: 75 Resp: 10543

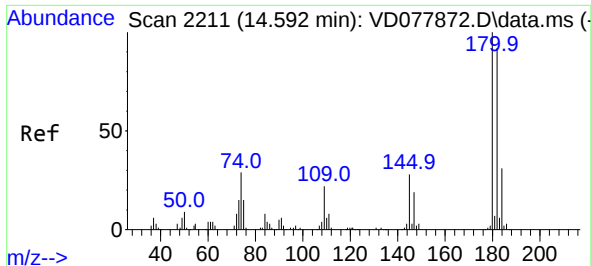
Ion Ratio Lower Upper

75 100

155 83.8 69.2 103.8

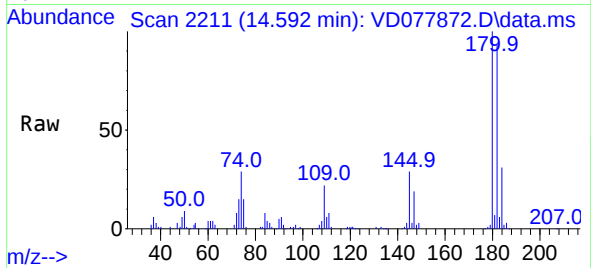
157 121.2 86.6 130.0



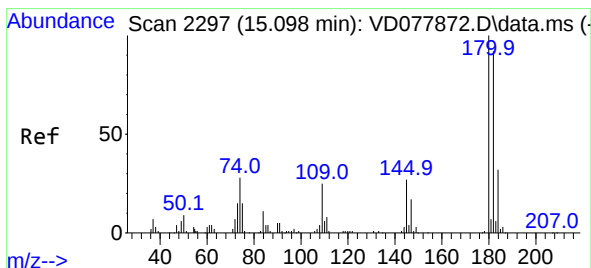
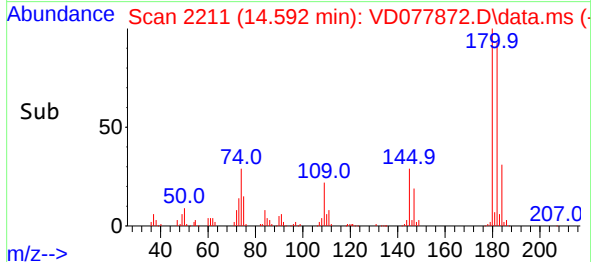
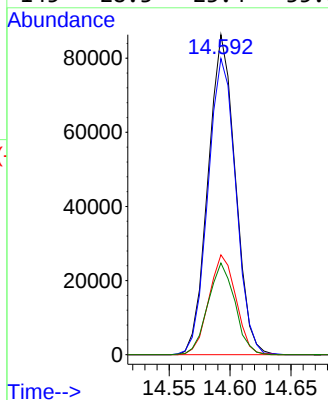


#69
1,3,5-Trichlorobenzene
Concen: 23.953 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Instrument :
MSVOA_D
ClientSampleId :

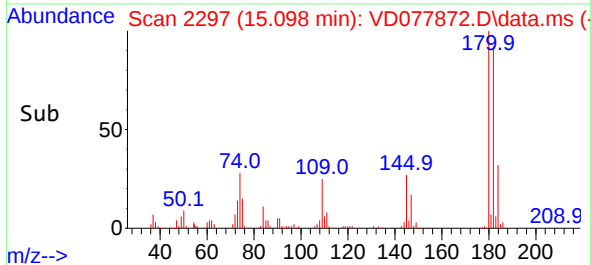
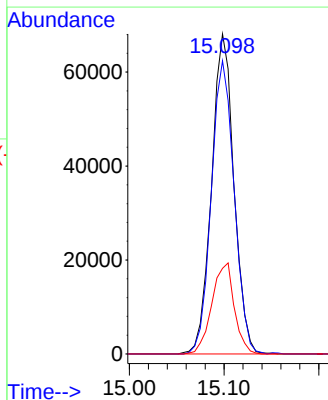
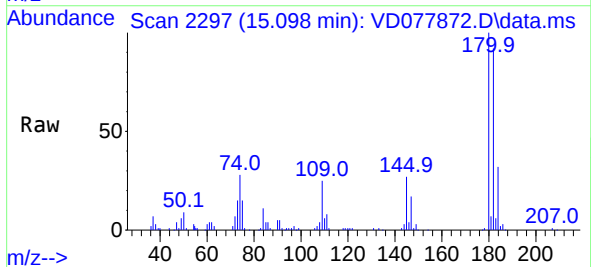


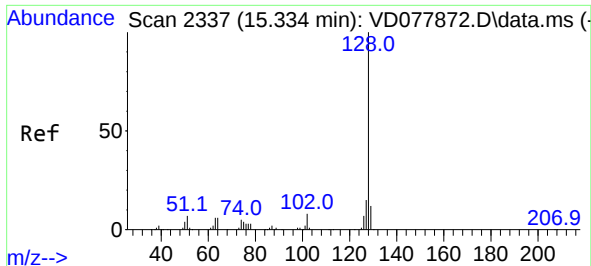
Tgt Ion:180 Resp: 134577
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.4
184 31.1 24.3 36.5
145 28.3 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 23.428 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

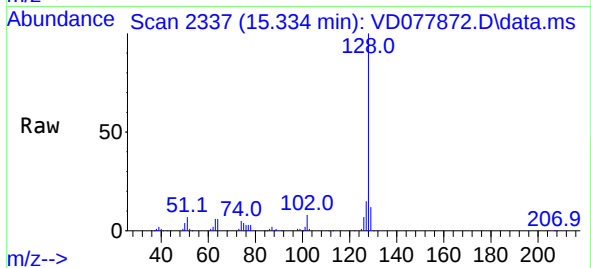
Tgt Ion:180 Resp: 111744
Ion Ratio Lower Upper
180 100
182 93.4 77.0 115.6
145 28.5 23.9 35.9



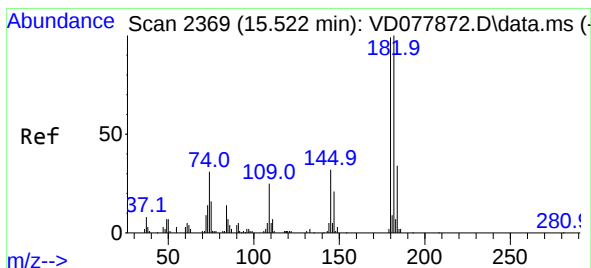
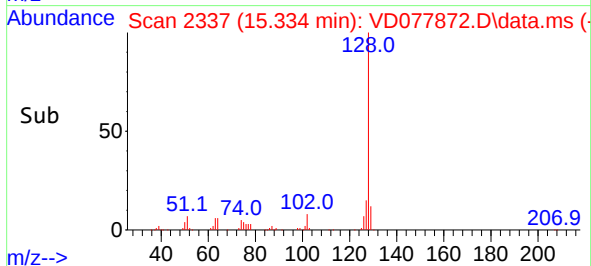
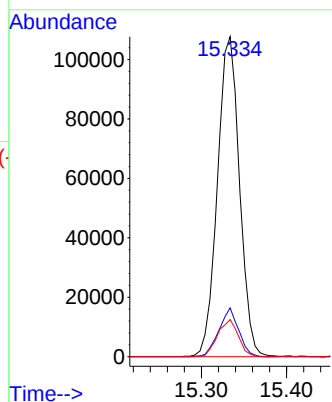


#71
Naphthalene
Concen: 22.266 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 194159
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.583 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077872.D
Acq: 14 Dec 2023 09:57

Tgt Ion:180 Resp: 94426
Ion Ratio Lower Upper
180 100
182 96.2 77.3 115.9
145 31.1 25.2 37.8

