

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076628.D
 Acq On : 29 Jun 2023 09:36
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:14:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	228423	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	203978	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	127269	22.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.520%
7) Chloroethane-d5	2.799	69	102516	22.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
11) 1,1-Dichloroethene-d2	3.911	65	36548	25.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.680%
21) 2-Butanone-d5	6.987	46	44022	52.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.500%
24) Chloroform-d	7.563	84	151135	25.114	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.228	65	80627	27.158	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.640%
32) Benzene-d6	8.199	84	312396	25.036	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	9.205	67	98894	24.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.269	98	289434	25.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	10.528	79	41456	25.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.080%
47) 2-Hexanone-d5	10.875	63	31940	51.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80166	28.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	95325	24.069	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95848	26.928	ug/L	100
3) Chloromethane	2.146	50	137269	23.199	ug/L	100
5) Vinyl chloride	2.281	62	153164	23.995	ug/L	92
6) Bromomethane	2.693	94	81824	23.143	ug/L	99
8) Chloroethane	2.834	64	92522	23.663	ug/L	100
9) Trichlorofluoromethane	3.170	101	139142	30.148	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	84902	28.360	ug/L	99
12) 1,1-Dichloroethene	3.934	96	78423	26.454	ug/L	97
13) Acetone	4.022	43	33168	48.744	ug/L	94
14) Carbon disulfide	4.270	76	269933	25.119	ug/L	98
15) Methyl Acetate	4.564	43	38325	24.673	ug/L	97
16) Methylene chloride	4.799	84	89815	22.622	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	83858	25.372	ug/L	97
18) Methyl tert-butyl Ether	5.317	73	186181	24.743	ug/L #	90
19) 1,1-Dichloroethane	6.111	63	150797	24.956	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	89971	24.375	ug/L	94
22) 2-Butanone	7.075	43	53694	48.897	ug/L	79
23) Bromochloromethane	7.422	128	41067	26.214	ug/L	90
25) Chloroform	7.593	83	150837	25.578	ug/L	98

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 Response via : Initial Calibration

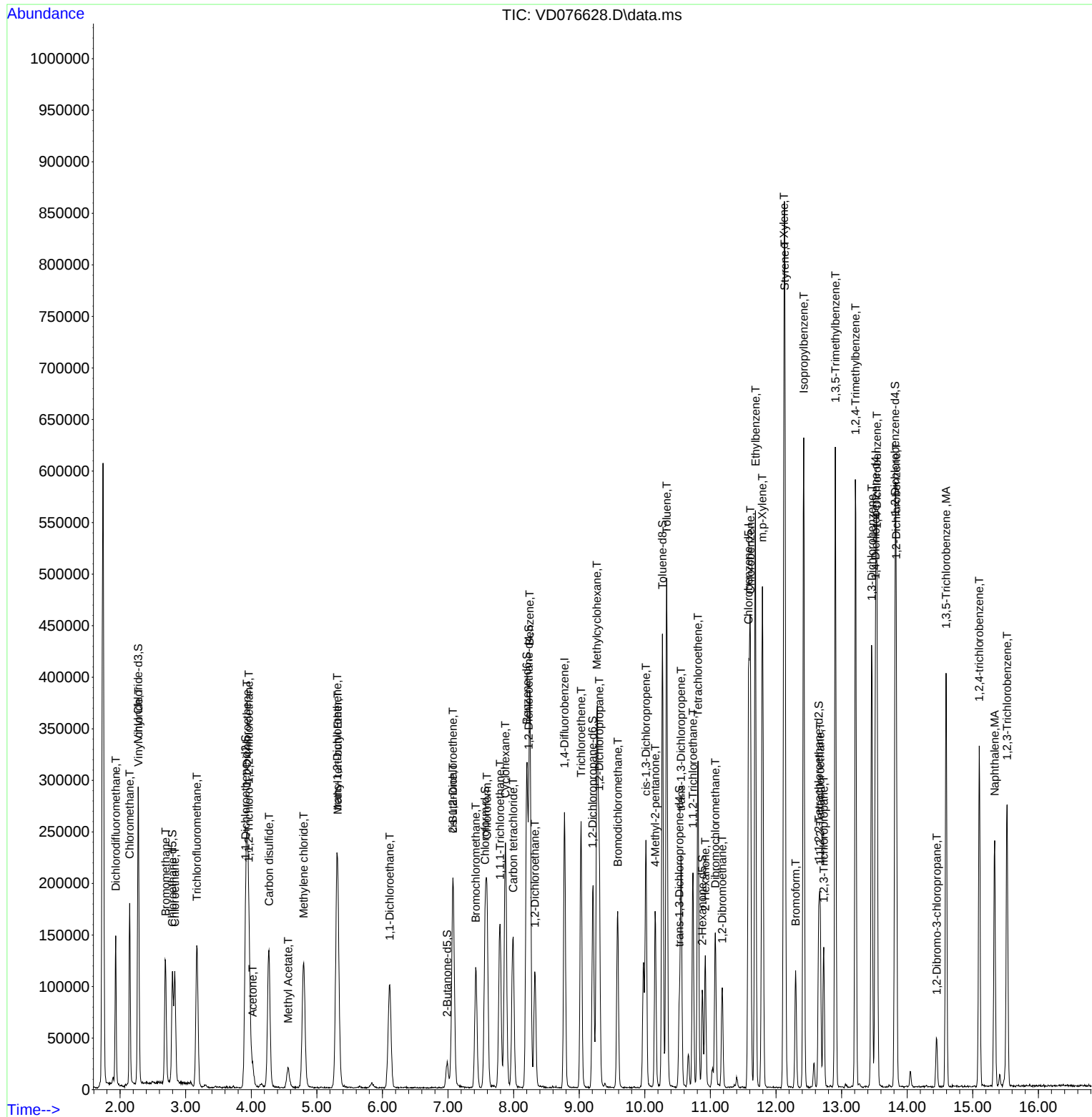
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	95213	26.254	ug/L	98
29) Cyclohexane	7.875	56	135845	25.044	ug/L #	90
30) 1,1,1-Trichloroethane	7.793	97	130765	27.596	ug/L	99
31) Carbon tetrachloride	7.993	117	110642	29.195	ug/L	100
33) Benzene	8.246	78	339552	25.152	ug/L	100
34) Trichloroethene	9.028	95	89046	25.677	ug/L	99
35) Methylcyclohexane	9.269	83	150618	26.933	ug/L	97
37) 1,2-Dichloropropane	9.305	63	88858	24.142	ug/L	99
38) Bromodichloromethane	9.587	83	111666	26.600	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	140525	25.004	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	116146	50.726	ug/L	98
42) Toluene	10.334	91	361654	25.069	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	116736	25.554	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	63083	24.988	ug/L	92
46) Tetrachloroethene	10.810	164	70052	25.695	ug/L	92
48) 2-Hexanone	10.922	43	85070	54.249	ug/L	99
49) Dibromochloromethane	11.075	129	76383	26.624	ug/L	99
50) 1,2-Dibromoethane	11.181	107	64421	26.291	ug/L	91
51) Chlorobenzene	11.610	112	230093	25.546	ug/L	98
52) Ethylbenzene	11.687	91	403152	25.927	ug/L	99
53) m,p-Xylene	11.793	106	155103	25.382	ug/L	95
54) o-Xylene	12.122	106	146704	25.214	ug/L	100
55) Styrene	12.134	104	261695	26.033	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	79357	27.505	ug/L	97
59) Bromoform	12.299	173	49977	25.837	ug/L	98
60) Isopropylbenzene	12.422	105	401169	24.274	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	51998	24.797	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	314931	23.817	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	312212	23.928	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	174965	23.797	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	177936	24.008	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	156933	23.959	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	10558	22.592	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.592	180	119690	24.405	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	103635	23.750	ug/L	97
71) Naphthalene	15.334	128	199169	23.840	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	89742	23.683	ug/L	96

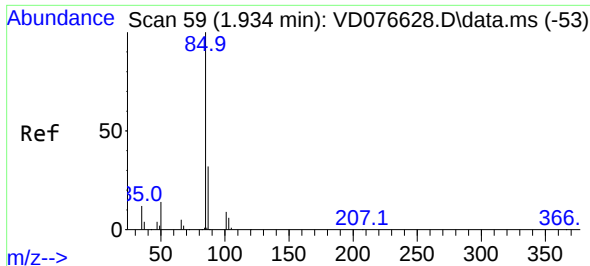
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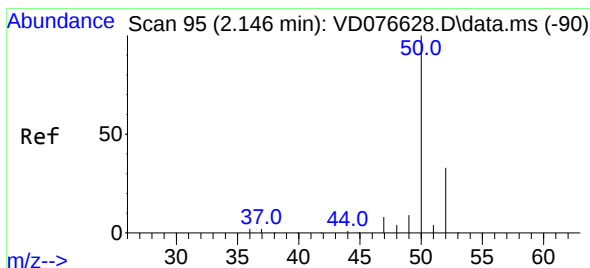
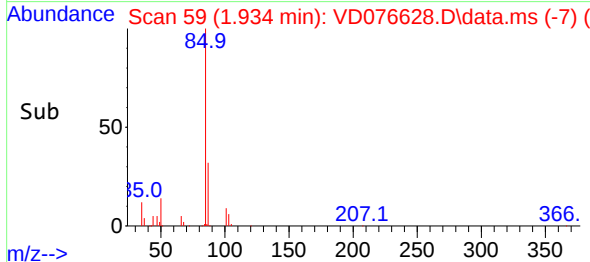
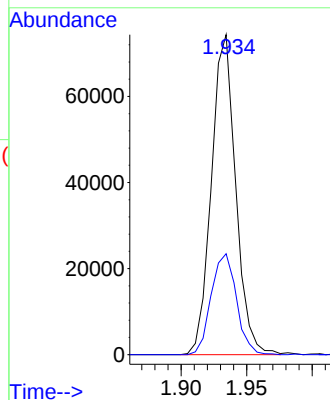
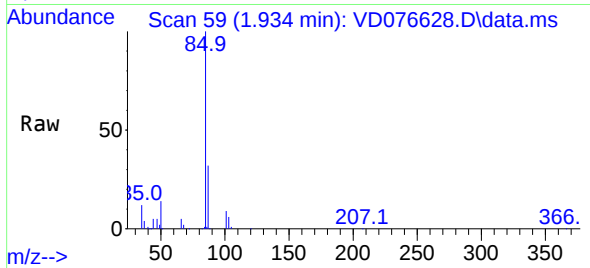




#2
Dichlorodifluoromethane
Concen: 26.928 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

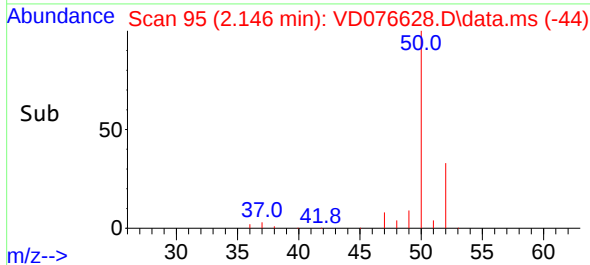
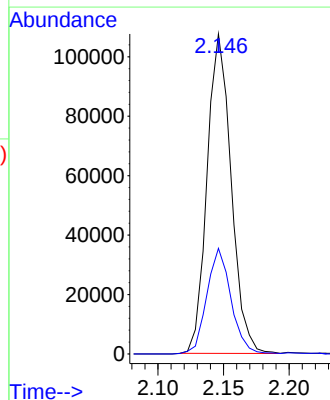
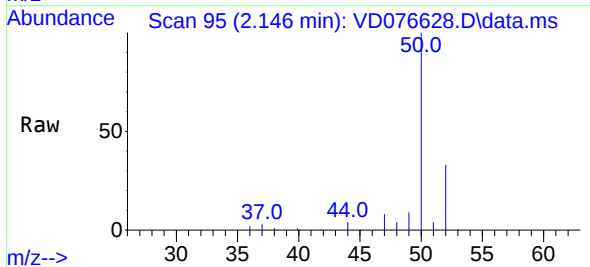
Instrument :
MSVOA_D
ClientSampleId :

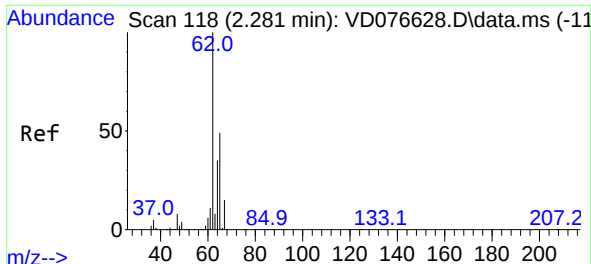
Tgt Ion: 85 Resp: 95848
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5



#3
Chloromethane
Concen: 23.199 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 50 Resp: 137269
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

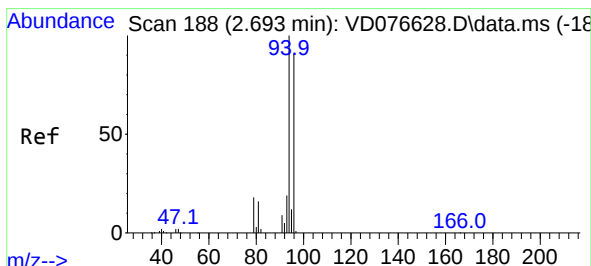
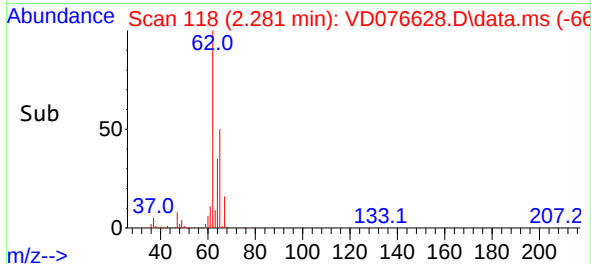
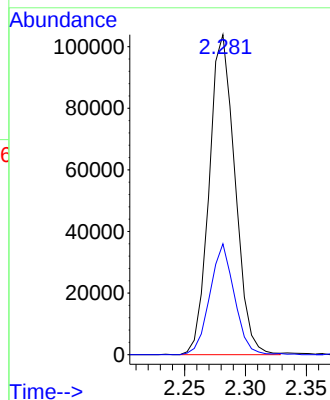
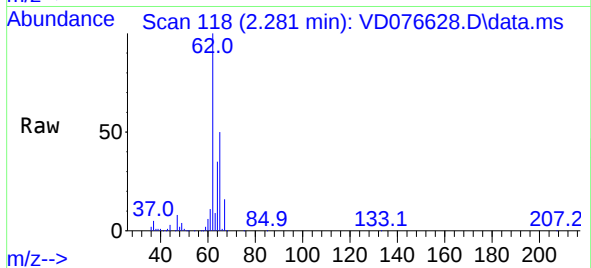




#5
 Vinyl chloride
 Concen: 23.995 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076628.D
 Acq: 29 Jun 2023 09:36

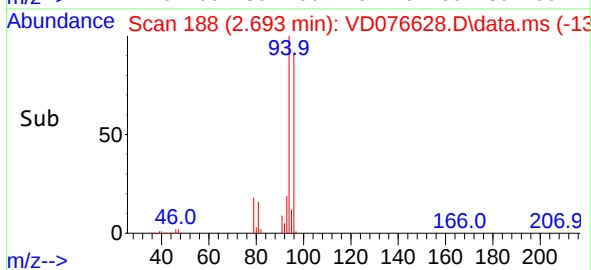
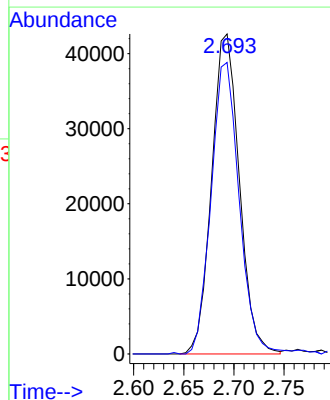
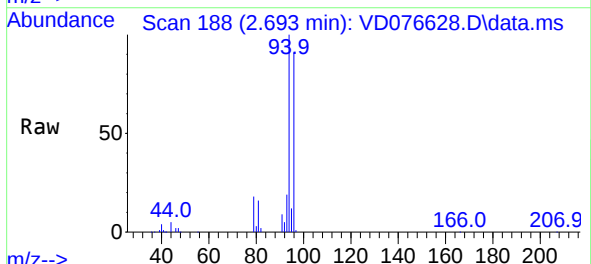
Instrument :
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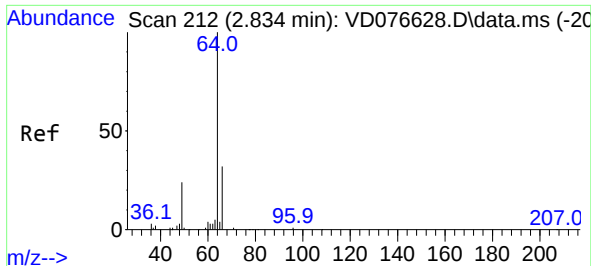
Tgt Ion: 62 Resp: 153164
 Ion Ratio Lower Upper
 62 100
 64 34.6 21.1 39.1



#6
 Bromomethane
 Concen: 23.143 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076628.D
 Acq: 29 Jun 2023 09:36

Tgt Ion: 94 Resp: 81824
 Ion Ratio Lower Upper
 94 100
 96 91.1 64.7 120.1

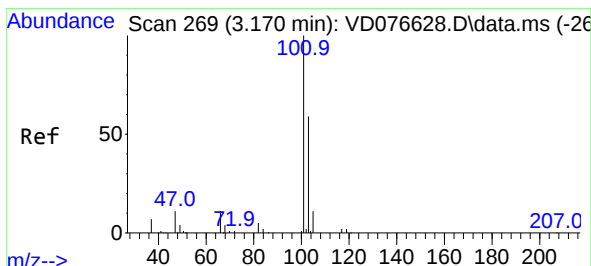
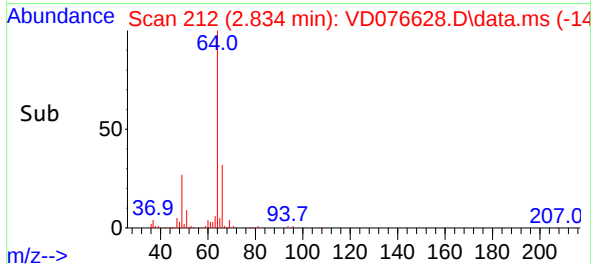
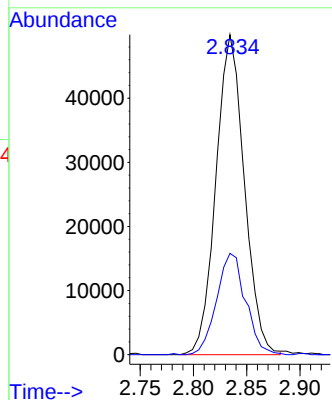
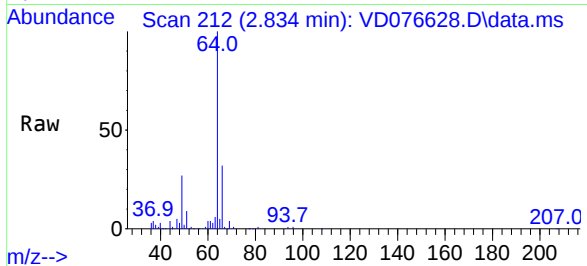




#8
Chloroethane
Concen: 23.663 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

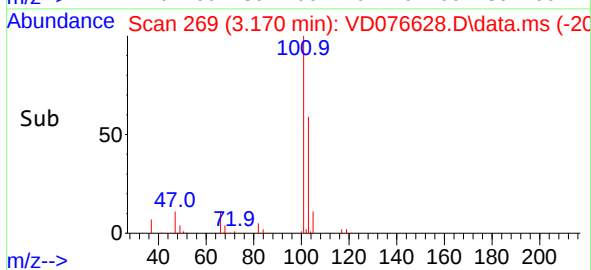
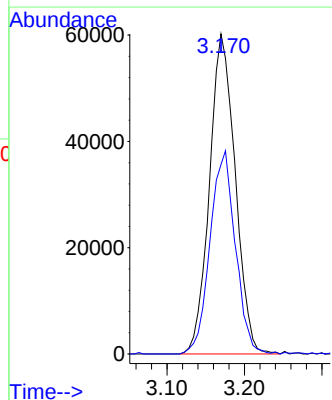
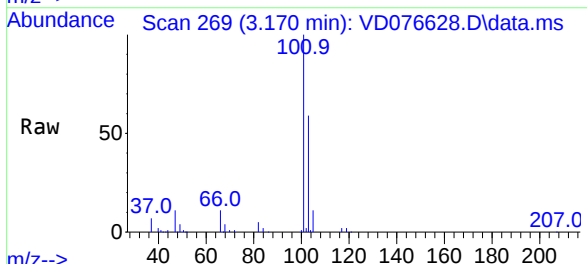
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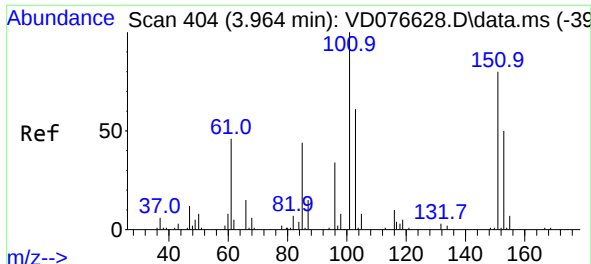
Tgt Ion: 64 Resp: 92522
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 30.148 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion:101 Resp: 139142
Ion Ratio Lower Upper
101 100
103 62.3 51.8 77.6

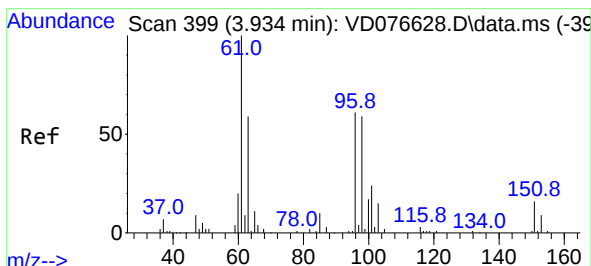
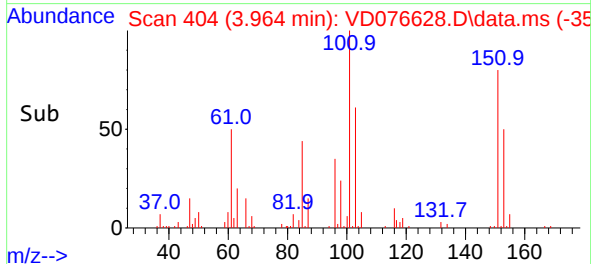
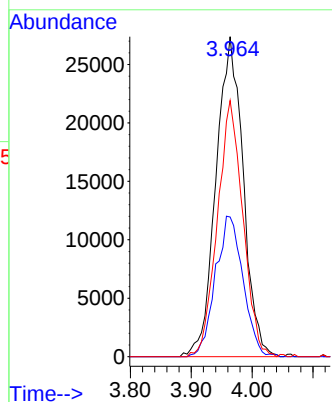
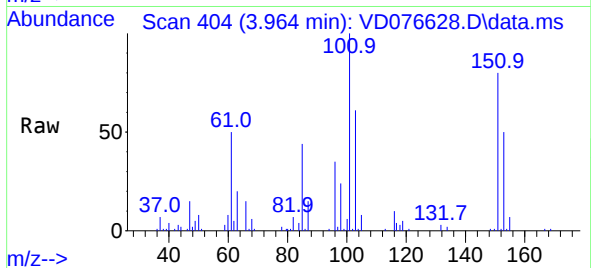




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.360 ug/L
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

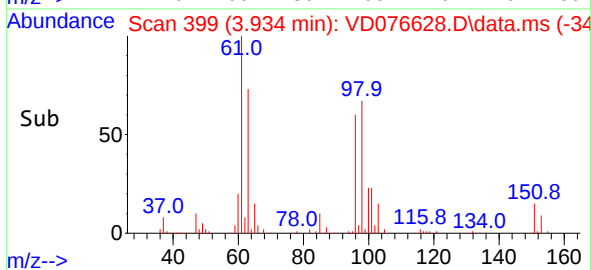
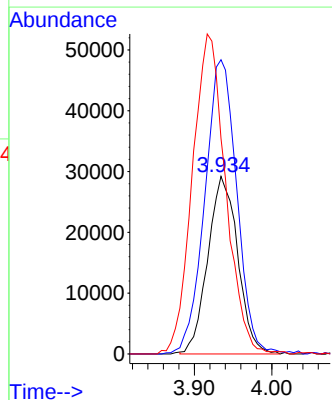
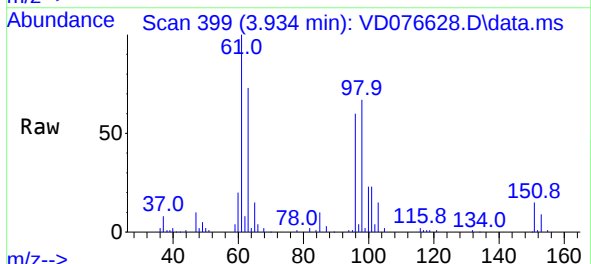
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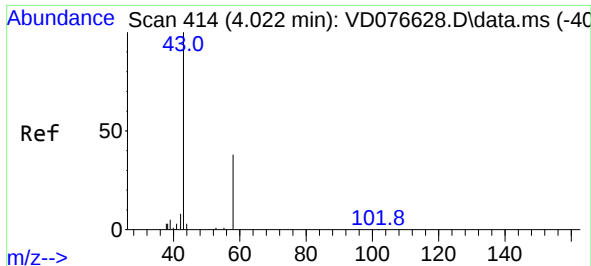
Tgt Ion:101 Resp: 84902
Ion Ratio Lower Upper
101 100
85 44.3 35.5 53.3
151 75.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 26.454 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 96 Resp: 78423
Ion Ratio Lower Upper
96 100
61 165.7 113.0 209.8
63 121.4 83.6 155.2





#13

Acetone

Concen: 48.744 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076628.D

Acq: 29 Jun 2023 09:36

Instrument :

MSVOA_D

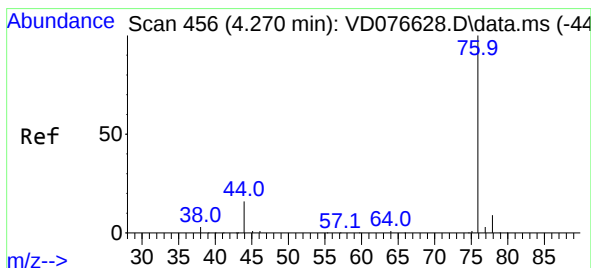
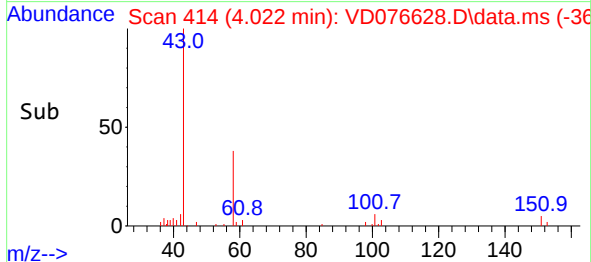
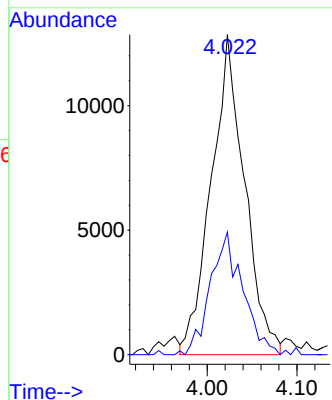
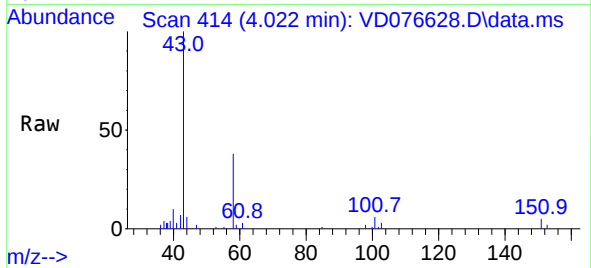
ClientSampleId :

Tgt Ion: 43 Resp: 33168

Ion Ratio Lower Upper

43 100

58 37.2 0.0 67.4



#14

Carbon disulfide

Concen: 25.119 ug/L

RT: 4.270 min Scan# 456

Delta R.T. 0.006 min

Lab File: VD076628.D

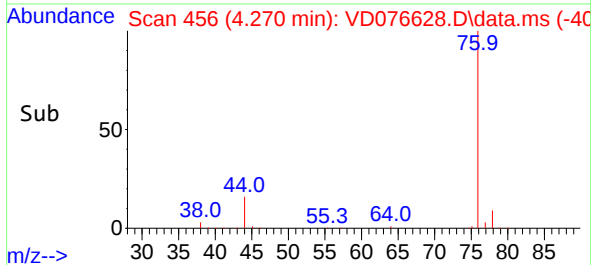
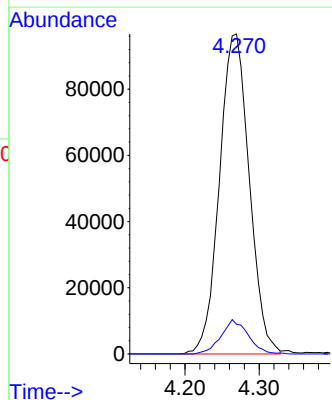
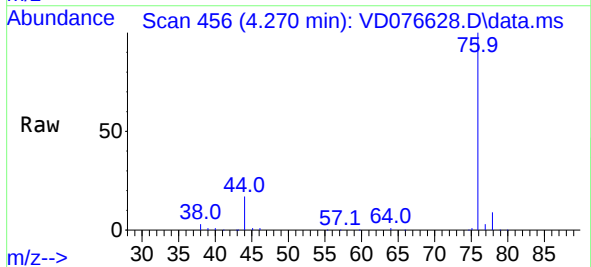
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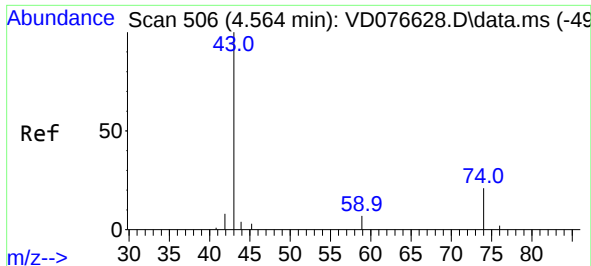
Tgt Ion: 76 Resp: 269933

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

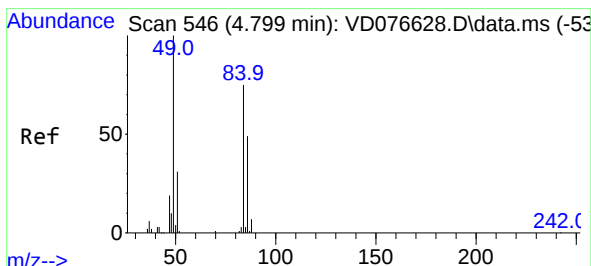
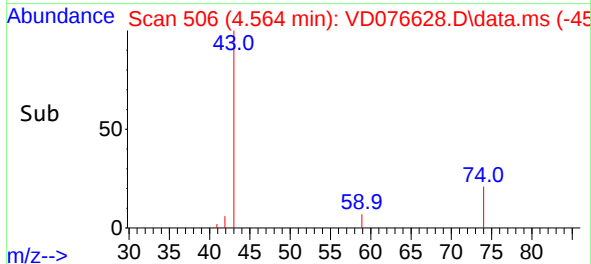
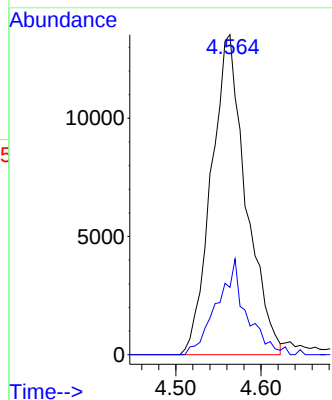
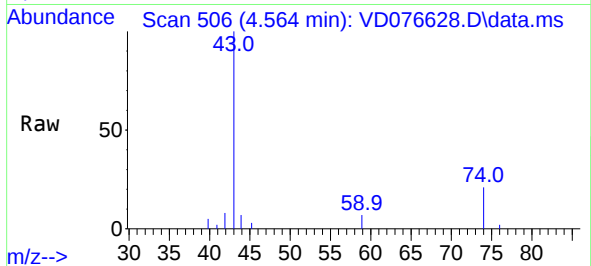




#15
Methyl Acetate
Concen: 24.673 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

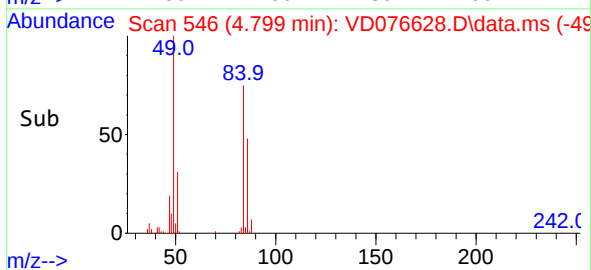
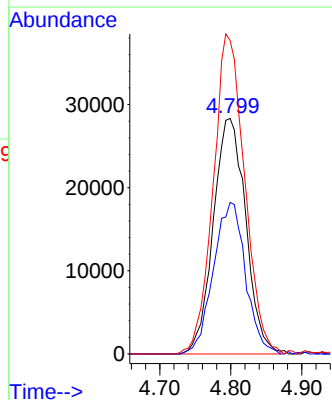
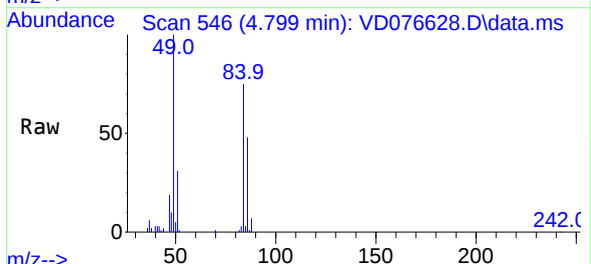
Instrument :
MSVOA_D
ClientSampleId :

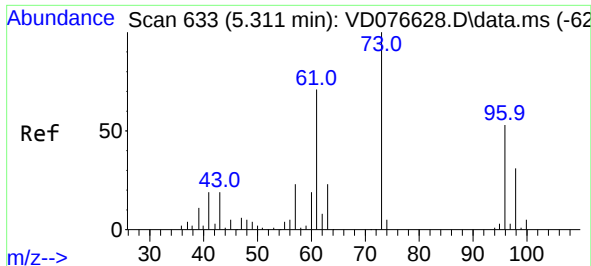
Tgt Ion: 43 Resp: 38325
Ion Ratio Lower Upper
43 100
74 21.5 18.2 27.2



#16
Methylene chloride
Concen: 22.622 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

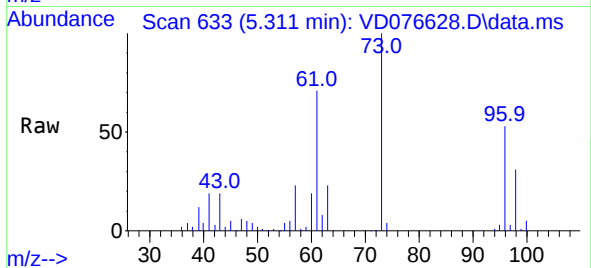
Tgt Ion: 84 Resp: 89815
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.9
49 133.1 97.2 180.6



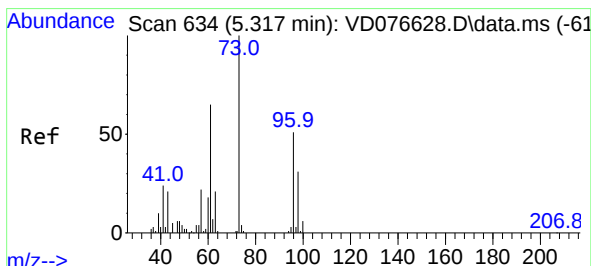
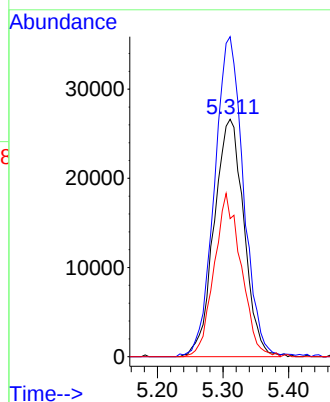
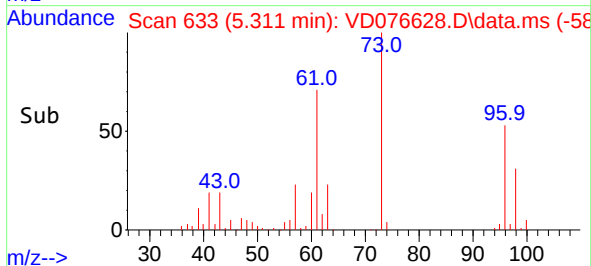


#17
trans-1,2-Dichloroethene
Concen: 25.372 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

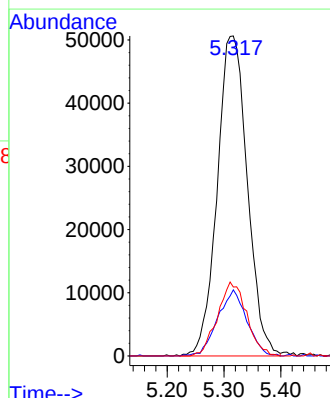
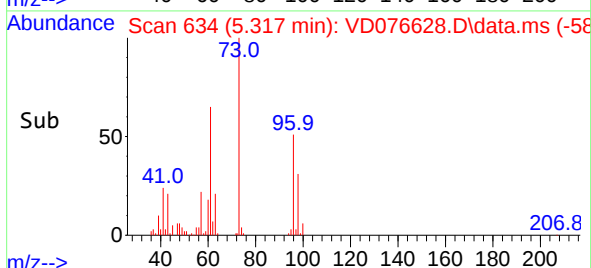
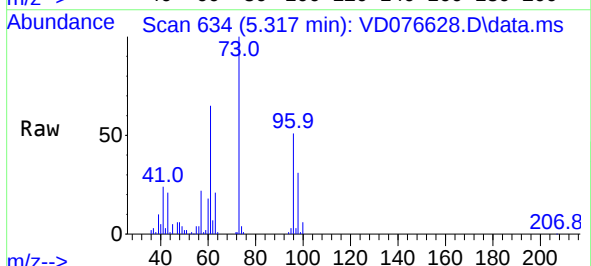


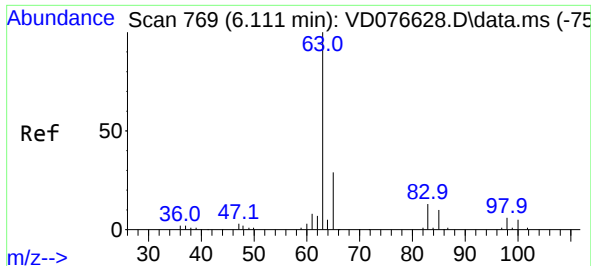
Tgt Ion: 96 Resp: 83858
Ion Ratio Lower Upper
96 100
61 134.8 94.5 175.5
98 58.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 24.743 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 73 Resp: 186181
Ion Ratio Lower Upper
73 100
43 19.7 7.2 10.8#
57 22.3 18.6 28.0

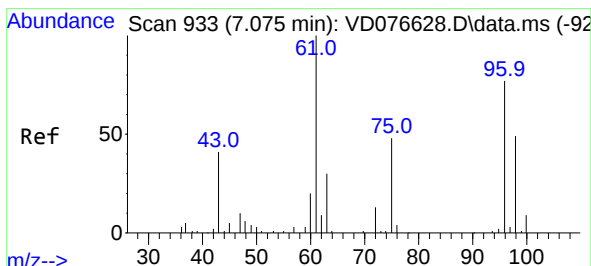
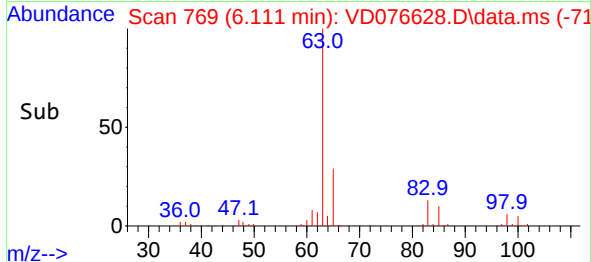
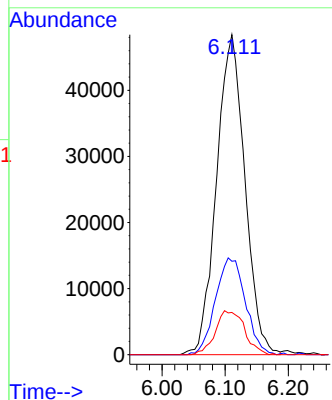
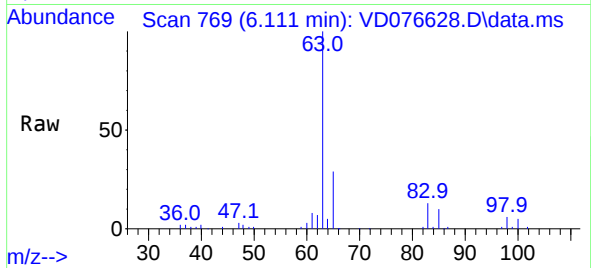




#19
1,1-Dichloroethane
Concen: 24.956 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

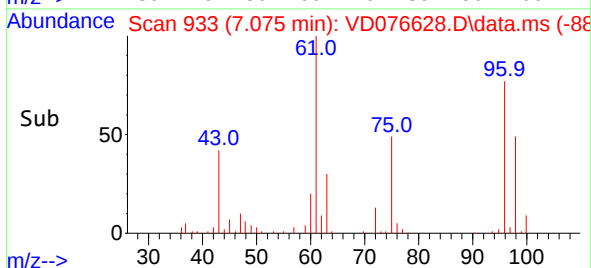
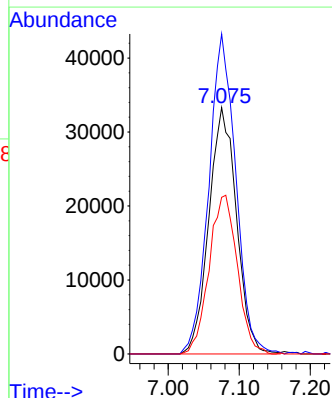
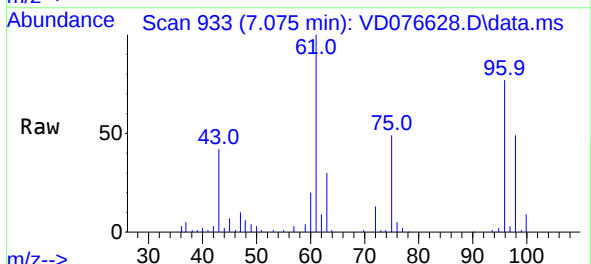
Instrument :
MSVOA_D
ClientSampleId :

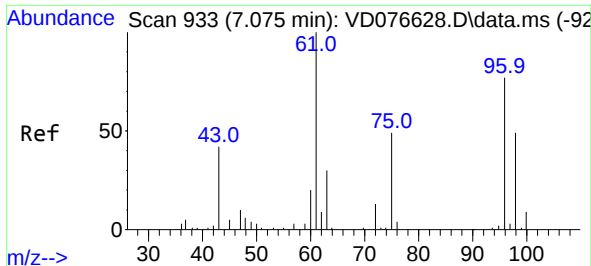
Tgt Ion: 63 Resp: 150797
Ion Ratio Lower Upper
63 100
65 29.2 20.8 38.6
83 13.2 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 24.375 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 96 Resp: 89971
Ion Ratio Lower Upper
96 100
61 129.9 86.0 159.6
98 63.6 42.2 78.4

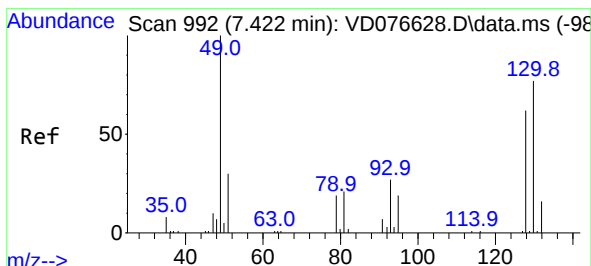
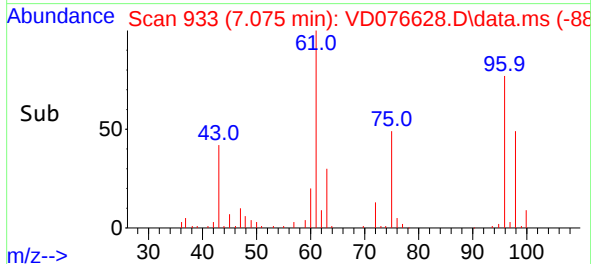
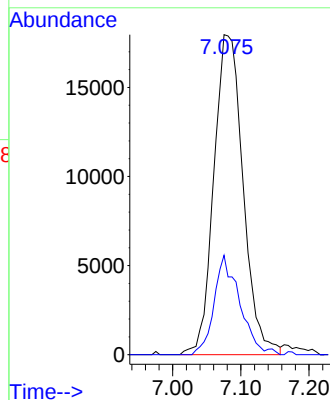
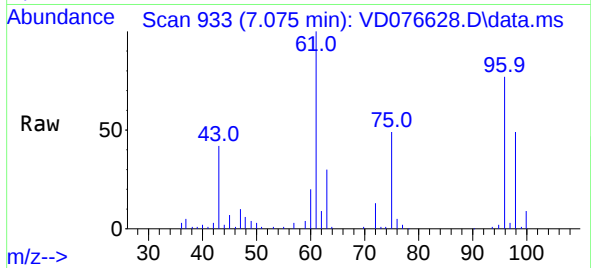




#22
2-Butanone
Concen: 48.897 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

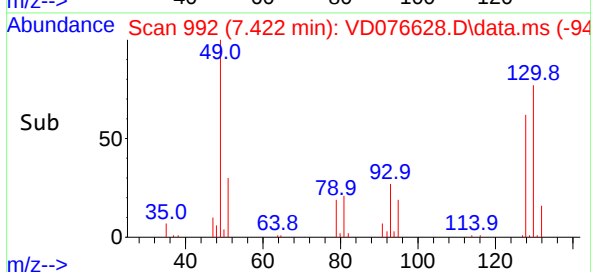
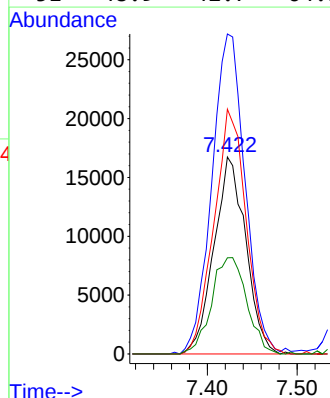
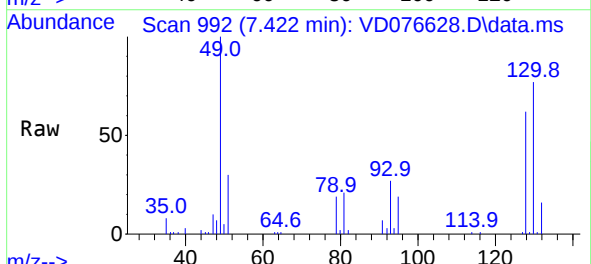
Instrument :
MSVOA_D
ClientSampleId :

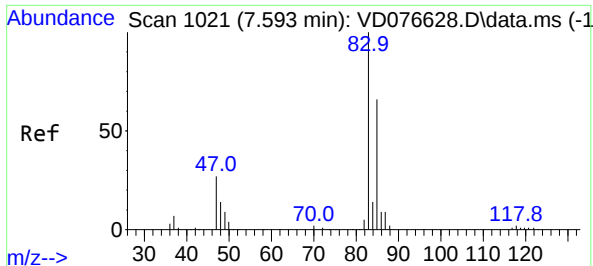
Tgt Ion: 43 Resp: 53694
Ion Ratio Lower Upper
43 100
72 15.2 12.9 38.7



#23
Bromochloromethane
Concen: 26.214 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion:128 Resp: 41067
Ion Ratio Lower Upper
128 100
49 162.5 124.7 231.7
130 124.3 80.0 148.6
51 48.9 42.7 64.1

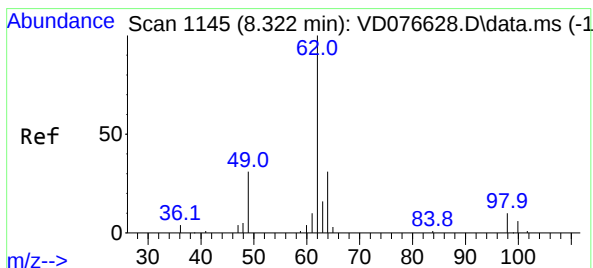
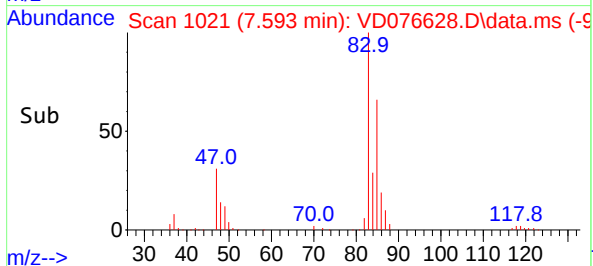
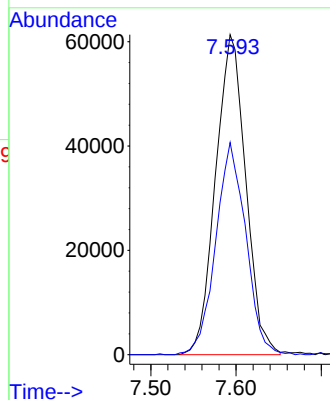
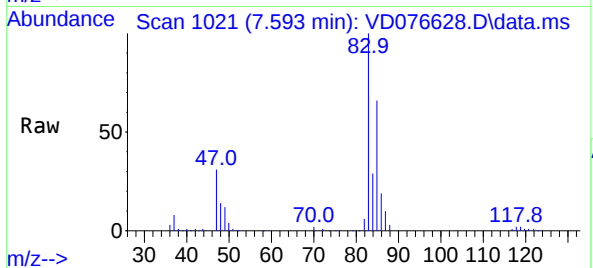




#25
Chloroform
Concen: 25.578 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

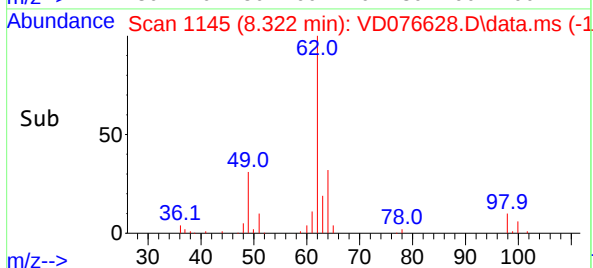
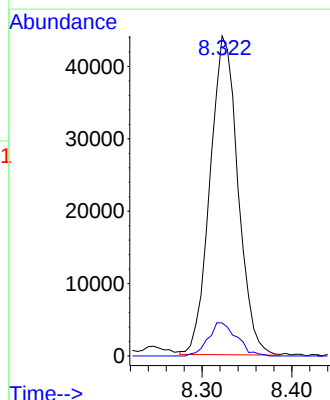
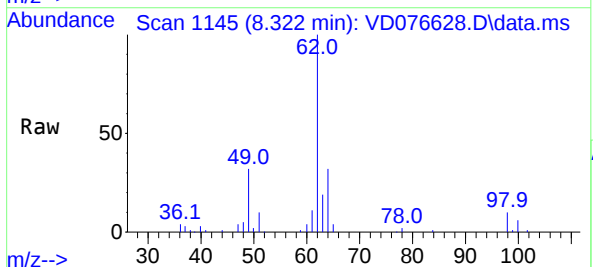
Instrument :
MSVOA_D
ClientSampleId :

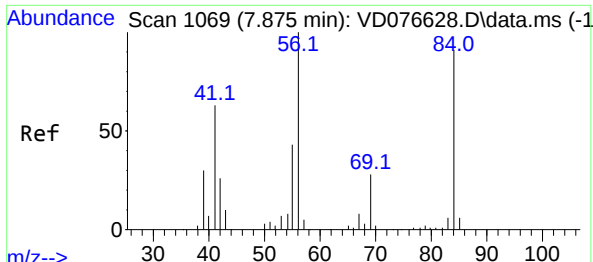
Tgt Ion: 83 Resp: 150837
Ion Ratio Lower Upper
83 100
85 66.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 26.254 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 62 Resp: 95213
Ion Ratio Lower Upper
62 100
98 10.3 8.7 13.1





#29

Cyclohexane

Concen: 25.044 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076628.D

Acq: 29 Jun 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

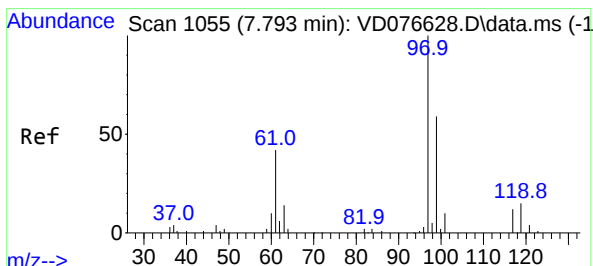
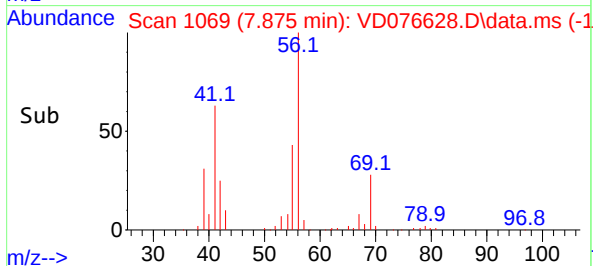
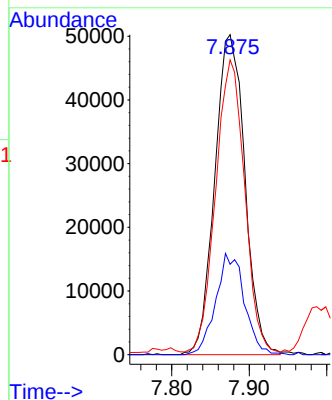
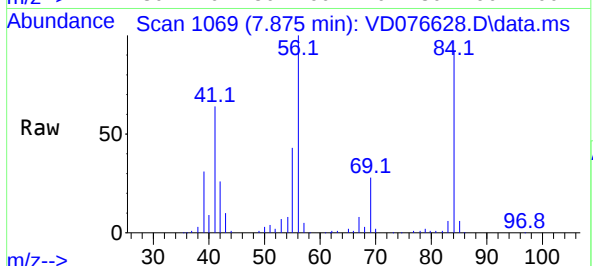
Tgt Ion: 56 Resp: 135845

Ion Ratio Lower Upper

56 100

69 16.6 23.4 35.0#

84 87.2 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 27.596 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076628.D

Acq: 29 Jun 2023 09:36

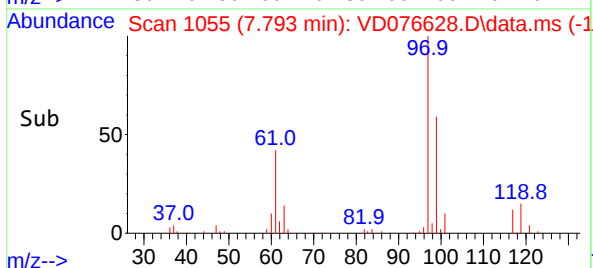
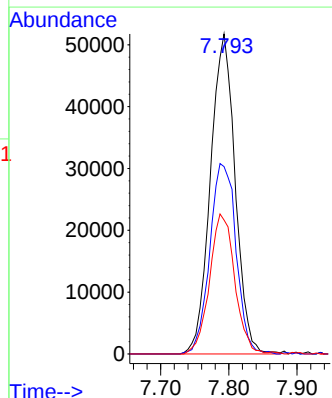
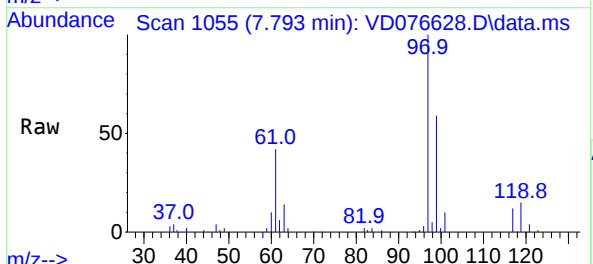
Tgt Ion: 97 Resp: 130765

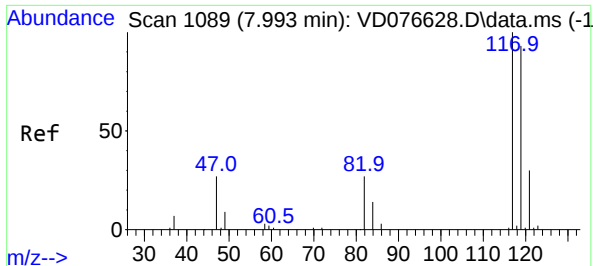
Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.6

61 44.5 36.4 54.6

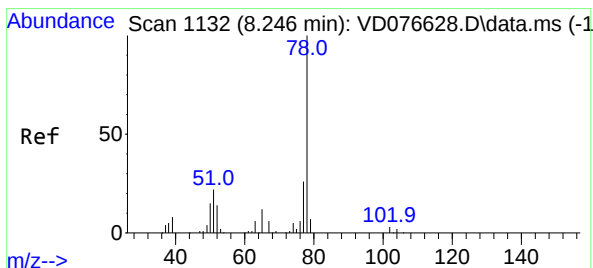
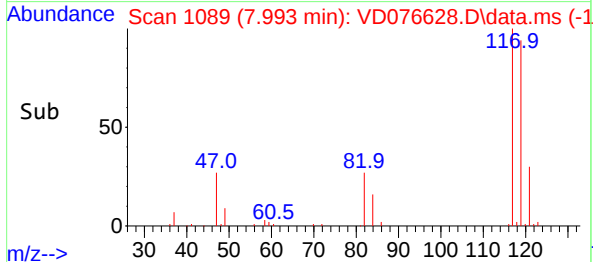
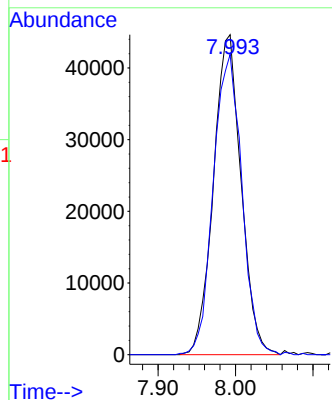
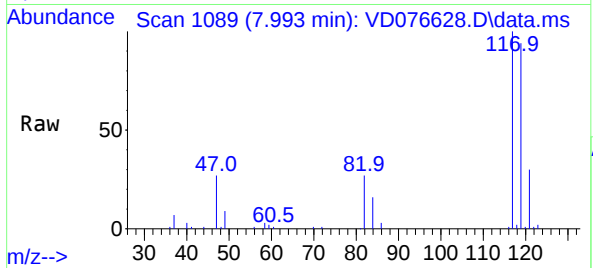




#31
Carbon tetrachloride
Concen: 29.195 ug/L
RT: 7.993 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

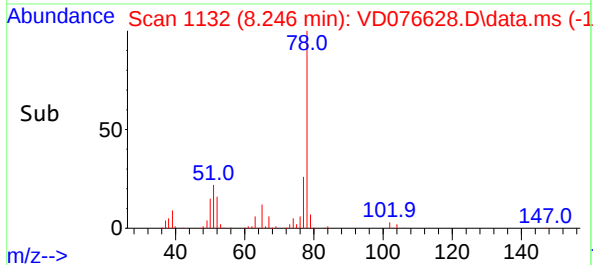
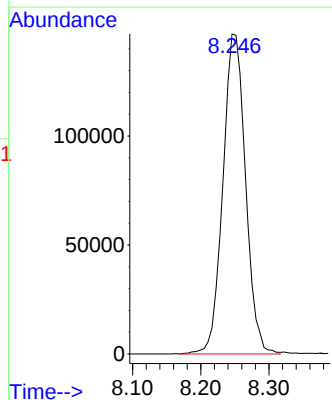
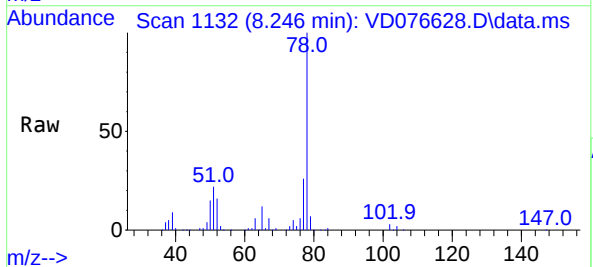
Instrument :
MSVOA_D
ClientSampleId :

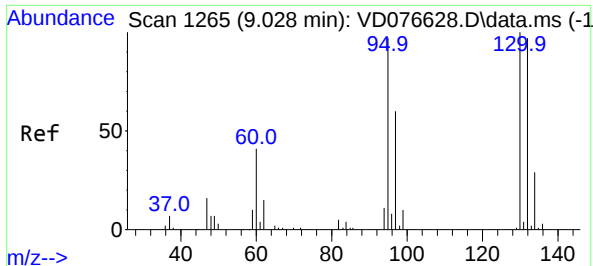
Tgt Ion:117 Resp: 110642
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6



#33
Benzene
Concen: 25.152 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 78 Resp: 339552

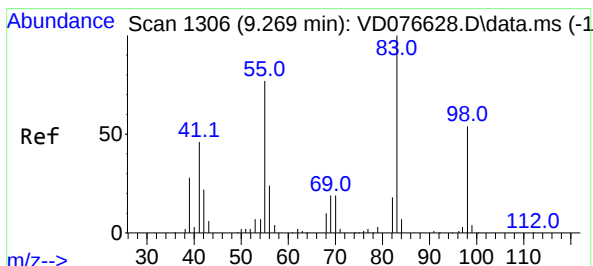
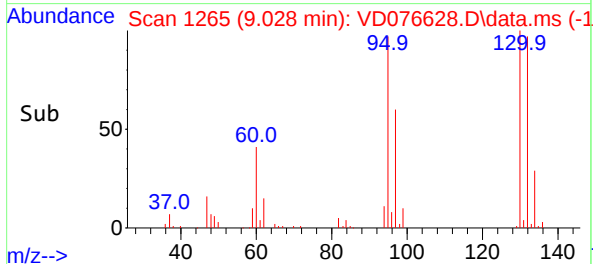
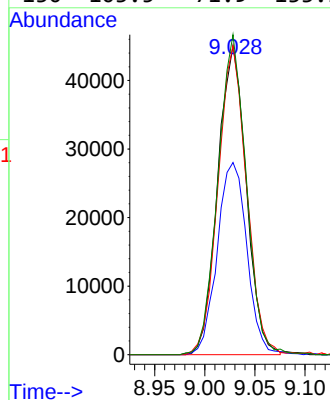
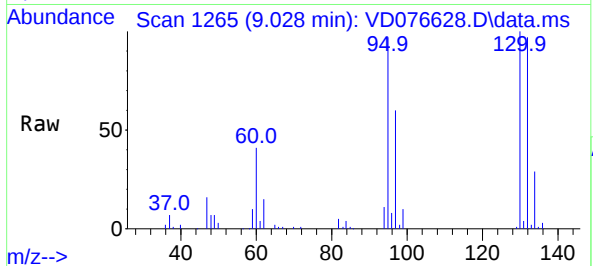




#34
Trichloroethene
Concen: 25.677 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

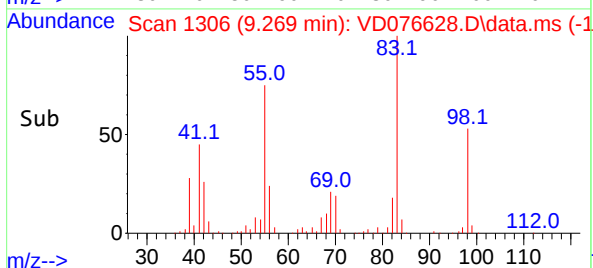
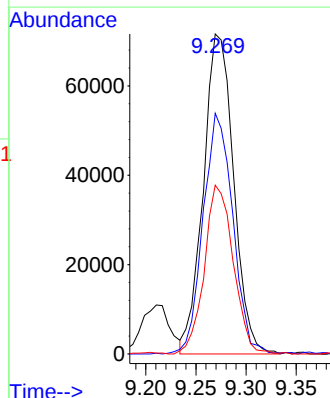
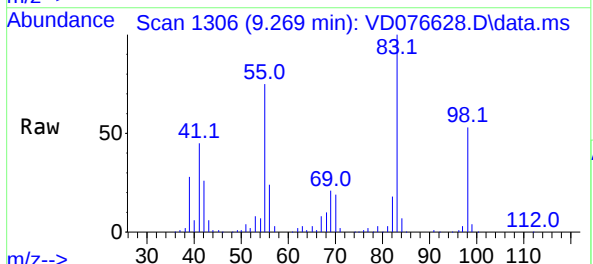
Instrument :
MSVOA_D
ClientSampleId :

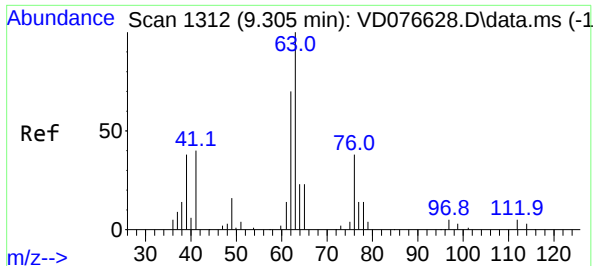
Tgt Ion: 95 Resp: 89046
Ion Ratio Lower Upper
95 100
97 62.2 43.1 80.1
132 100.0 71.8 133.4
130 103.5 71.9 133.5



#35
Methylcyclohexane
Concen: 26.933 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 83 Resp: 150618
Ion Ratio Lower Upper
83 100
55 73.3 59.8 89.6
98 50.3 37.8 56.6

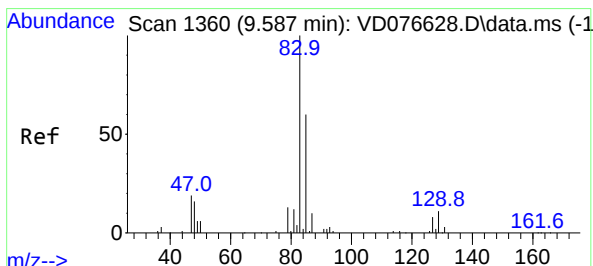
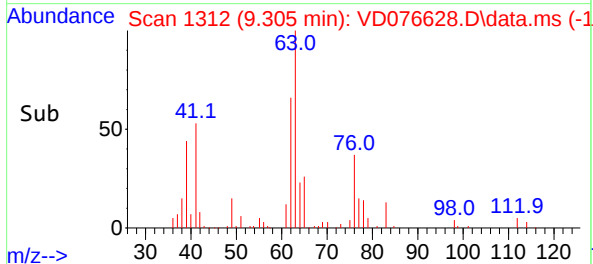
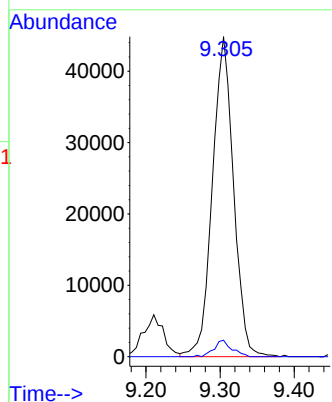
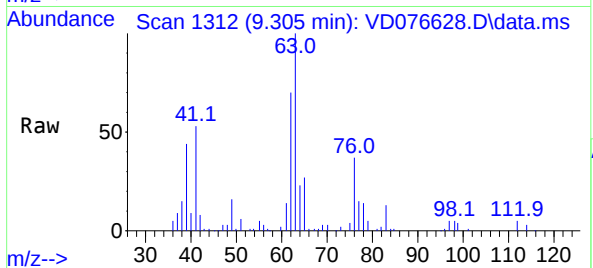




#37
1,2-Dichloropropane
Concen: 24.142 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

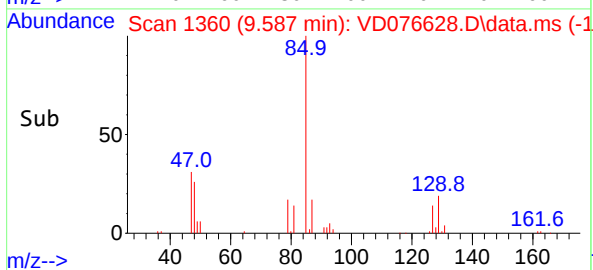
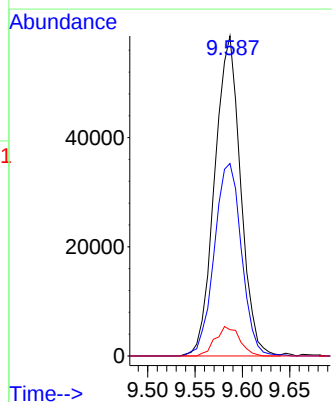
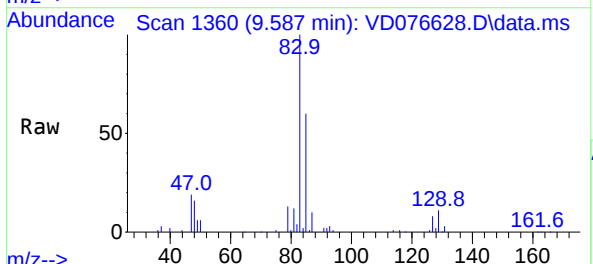
Instrument :
MSVOA_D
ClientSampleId :

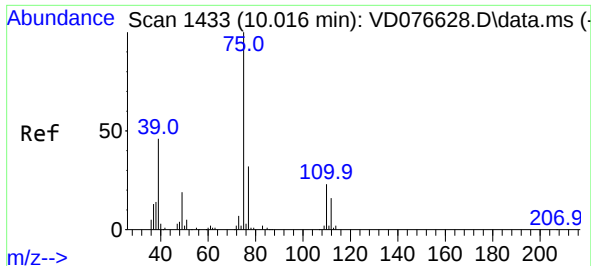
Tgt Ion: 63 Resp: 88858
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7



#38
Bromodichloromethane
Concen: 26.600 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 83 Resp: 111666
Ion Ratio Lower Upper
83 100
85 60.1 43.9 81.5
127 8.2 6.6 9.8

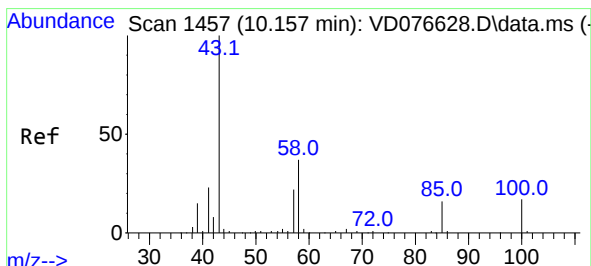
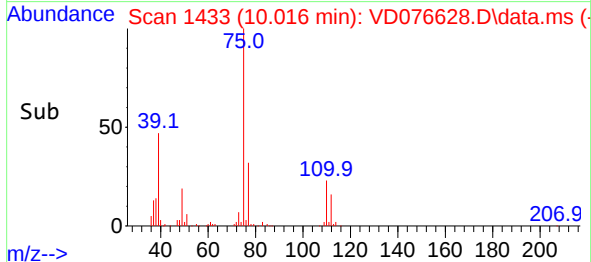
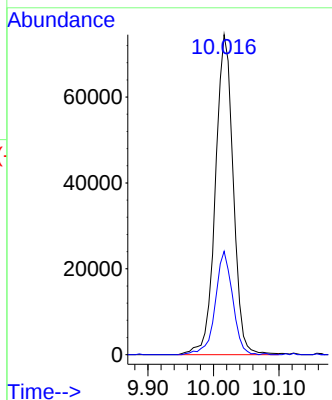
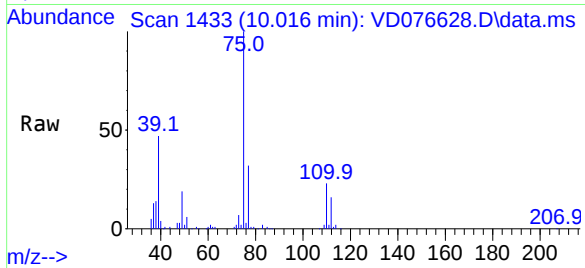




#39
 cis-1,3-Dichloropropene
 Concen: 25.004 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076628.D
 Acq: 29 Jun 2023 09:36

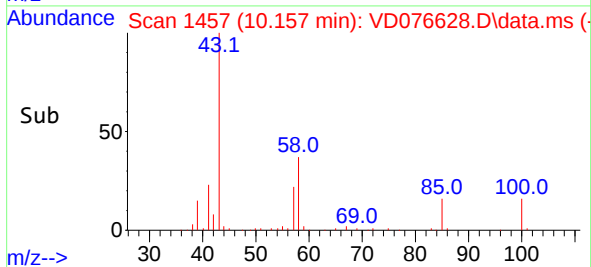
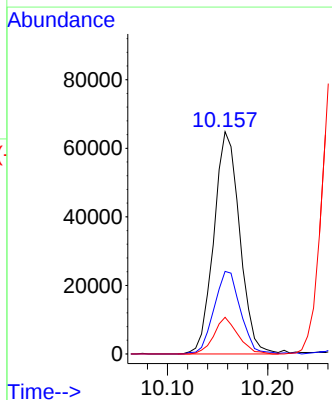
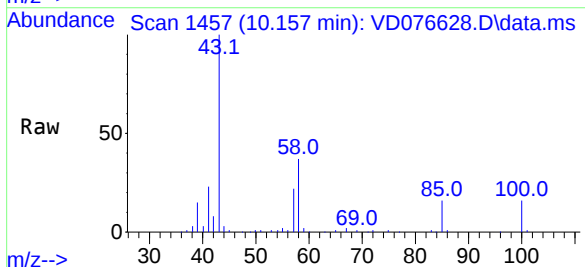
Instrument :
 MSVOA_D
 ClientSampleId :

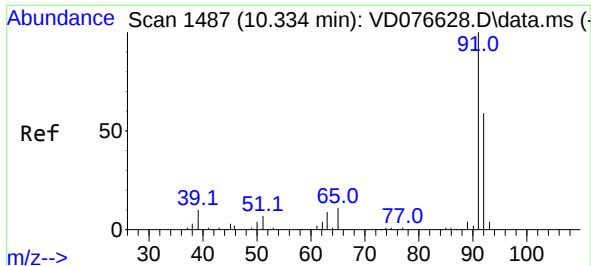
Tgt Ion: 75 Resp: 140525
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 50.726 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD076628.D
 Acq: 29 Jun 2023 09:36

Tgt Ion: 43 Resp: 116146
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.7 46.1
 100 15.3 11.0 16.4

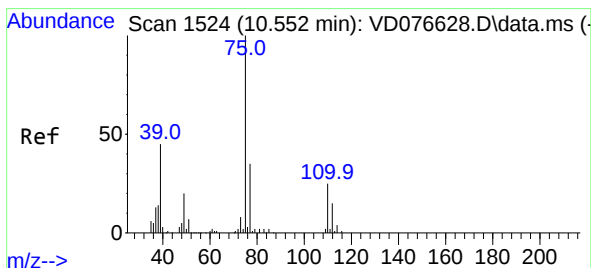
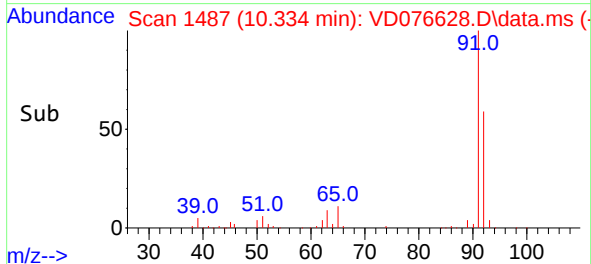
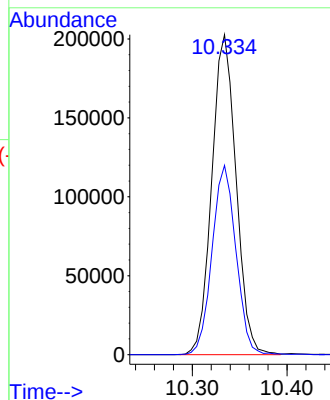
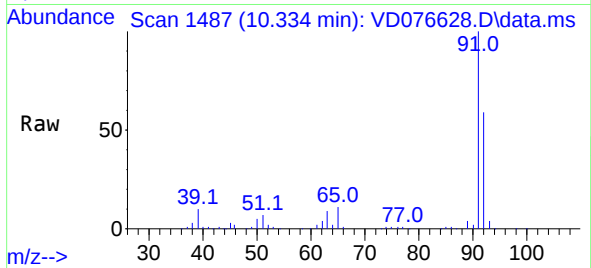




#42
Toluene
Concen: 25.069 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

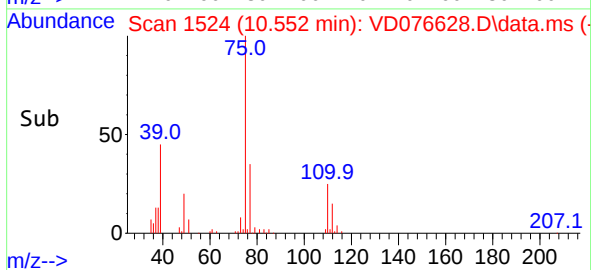
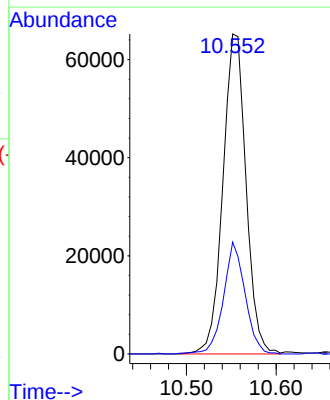
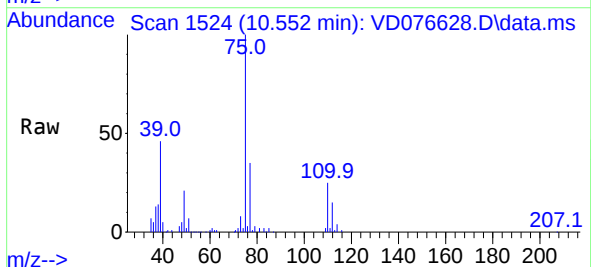
Instrument :
MSVOA_D
ClientSampleId :

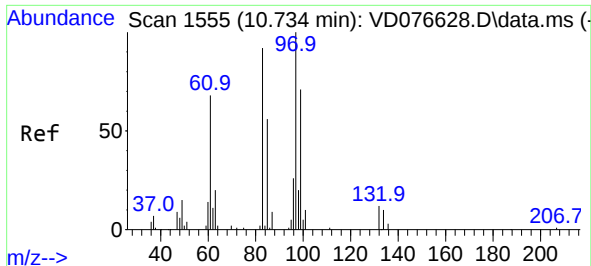
Tgt Ion: 91 Resp: 361654
Ion Ratio Lower Upper
91 100
92 59.2 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.554 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

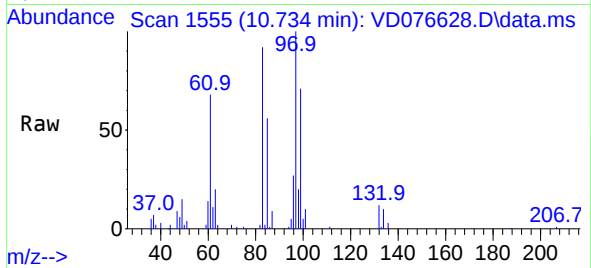
Tgt Ion: 75 Resp: 116736
Ion Ratio Lower Upper
75 100
77 34.9 22.5 41.7





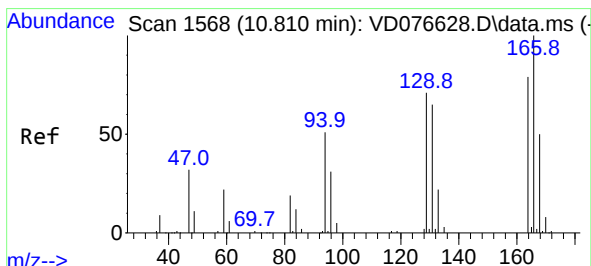
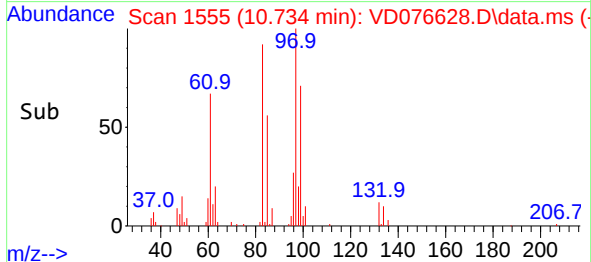
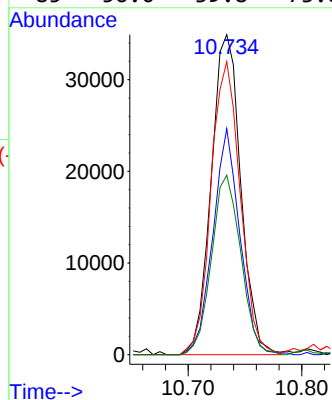
#45
1,1,2-Trichloroethane
Concen: 24.988 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 63083

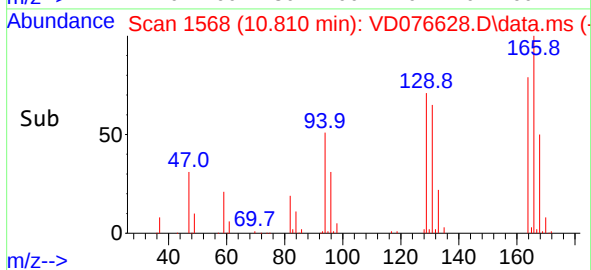
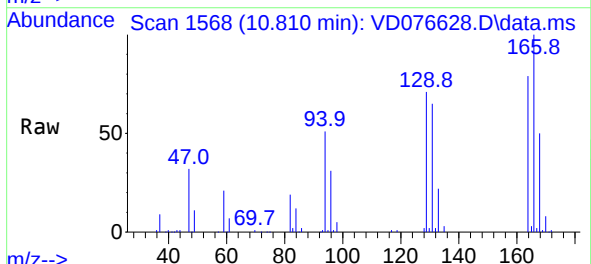
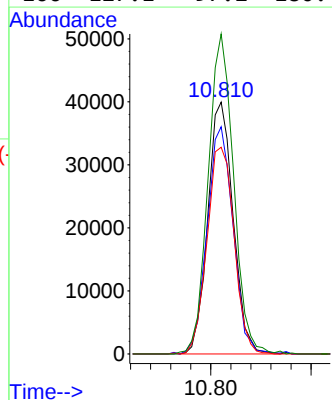
Ion	Ratio	Lower	Upper
97	100		
99	70.6	41.9	77.9
83	91.6	59.2	110.0
85	56.0	39.8	73.8

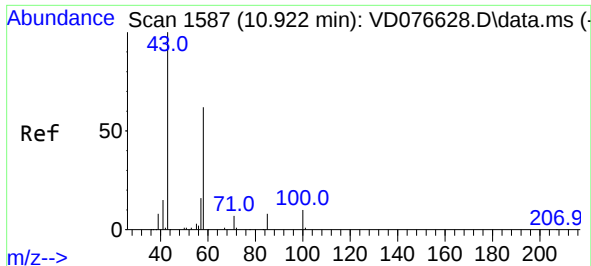


#46
Tetrachloroethene
Concen: 25.695 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 164 Resp: 70052

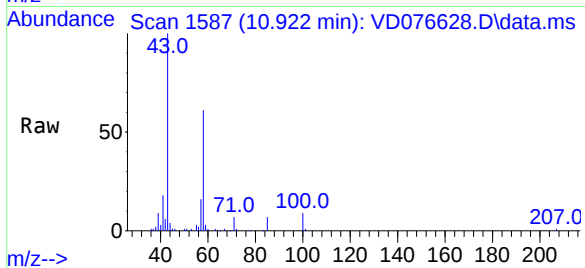
Ion	Ratio	Lower	Upper
164	100		
129	90.2	65.5	121.6
131	82.1	64.8	120.3
166	127.1	97.2	180.4



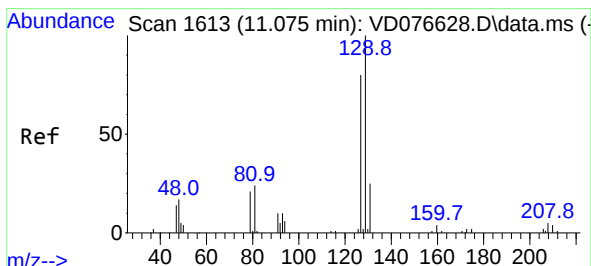
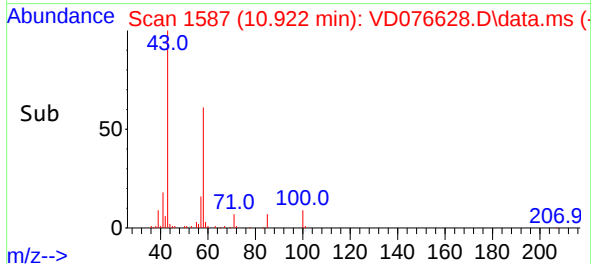
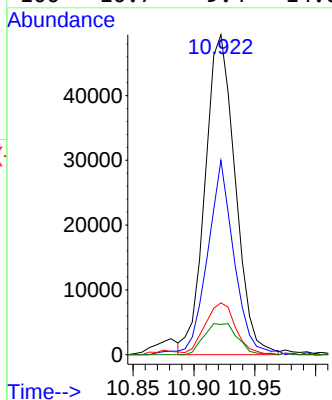


#48
2-Hexanone
Concen: 54.249 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

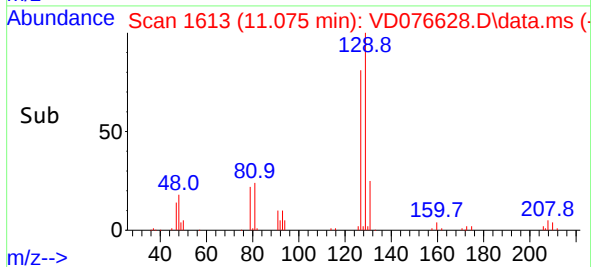
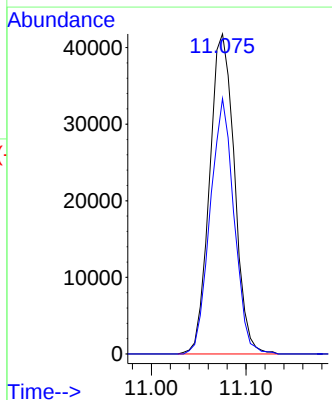
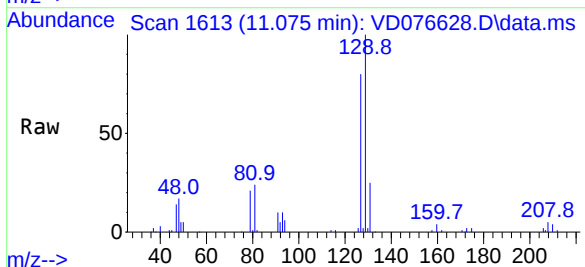


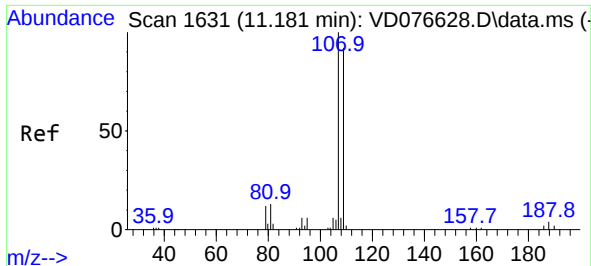
Tgt Ion: 43 Resp: 85070
Ion Ratio Lower Upper
43 100
58 52.9 42.9 64.3
57 16.5 13.7 20.5
100 10.7 9.4 14.0



#49
Dibromochloromethane
Concen: 26.624 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 129 Resp: 76383
Ion Ratio Lower Upper
129 100
127 79.8 55.2 102.6

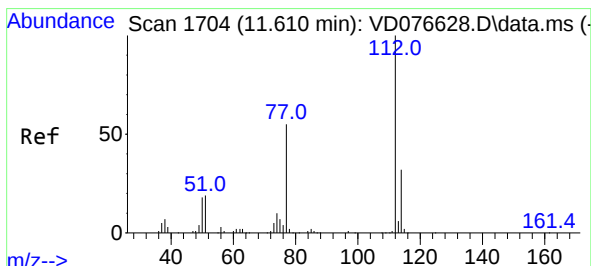
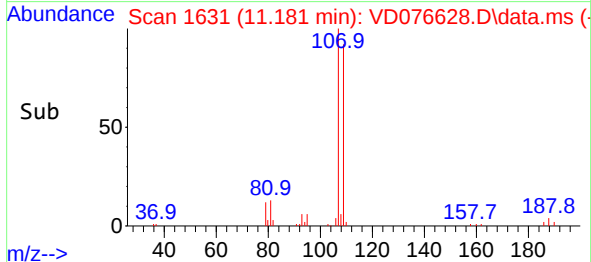
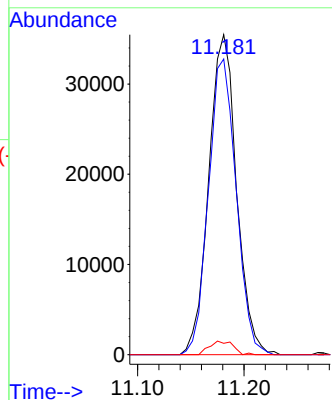
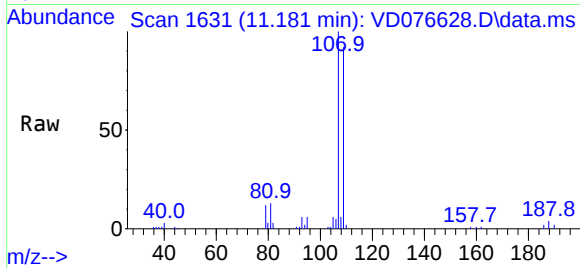




#50
1,2-Dibromoethane
Concen: 26.291 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

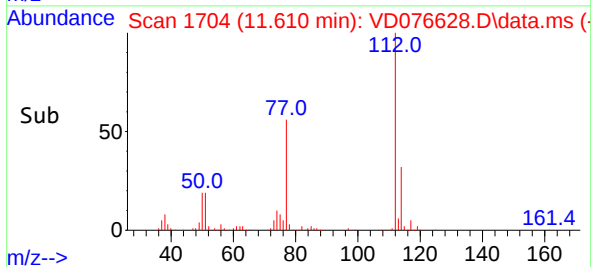
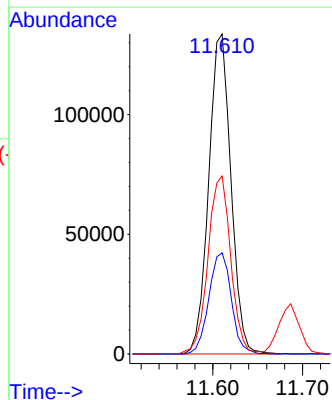
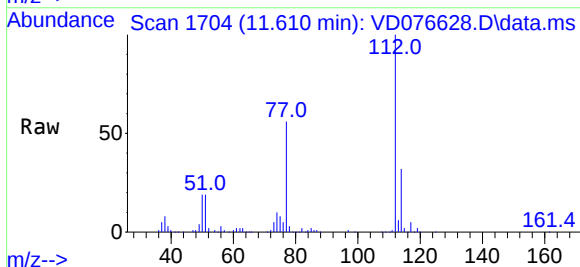
Instrument :
MSVOA_D
ClientSampleId :

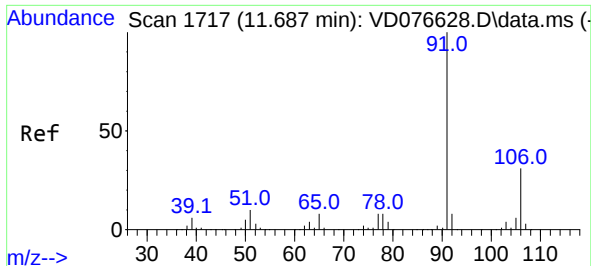
Tgt Ion:	107	Resp:	64421
Ion	Ratio	Lower	Upper
107	100		
109	92.4	58.8	109.2
188	3.6	2.9	4.3



#51
Chlorobenzene
Concen: 25.546 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion:	112	Resp:	230093
Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.5	39.9
77	55.6	43.4	65.2

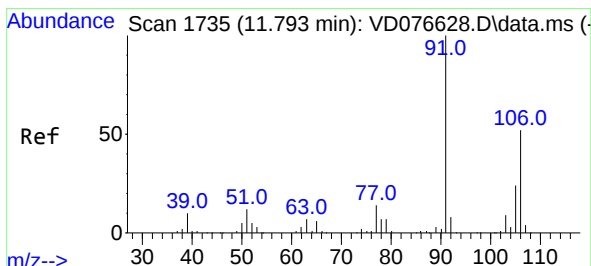
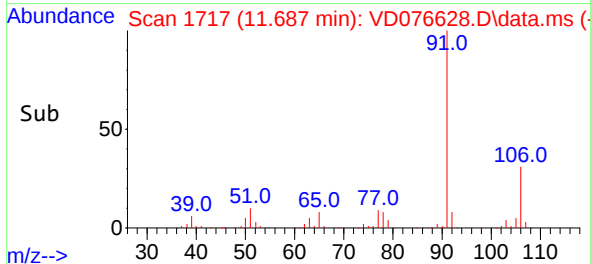
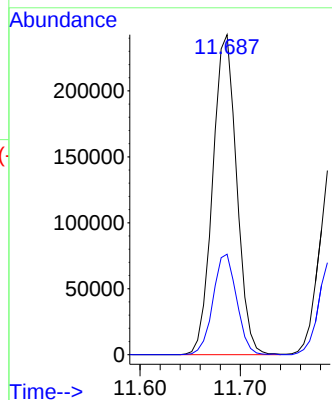
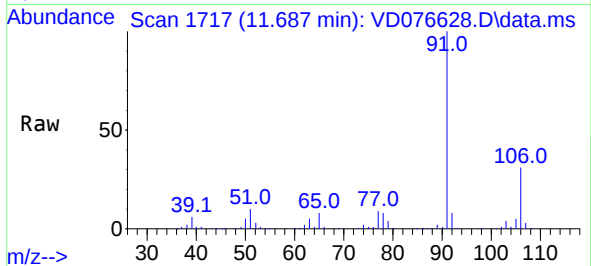




#52
Ethylbenzene
Concen: 25.927 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

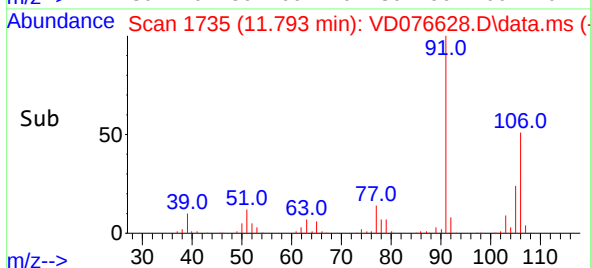
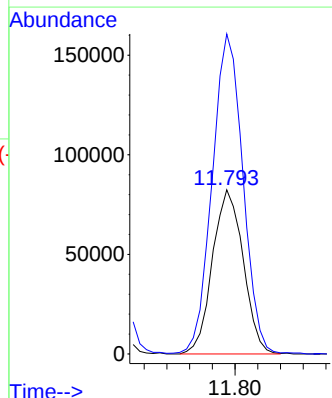
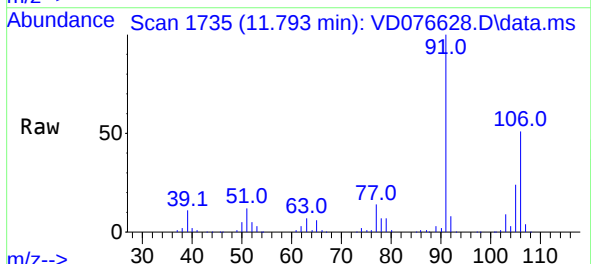
Instrument :
MSVOA_D
ClientSampleId :

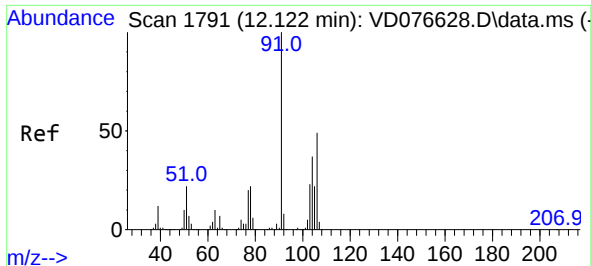
Tgt Ion: 91 Resp: 403152
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 25.382 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 106 Resp: 155103
Ion Ratio Lower Upper
106 100
91 194.9 141.5 262.9

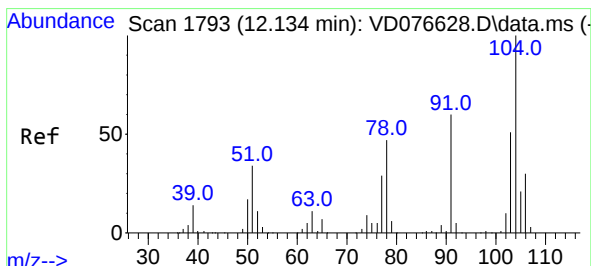
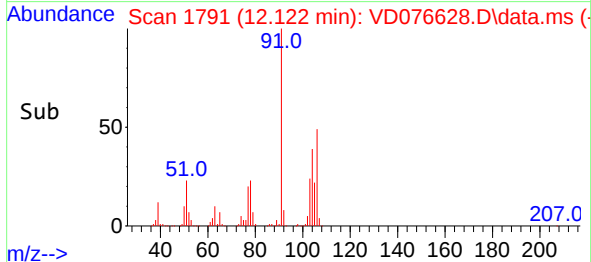
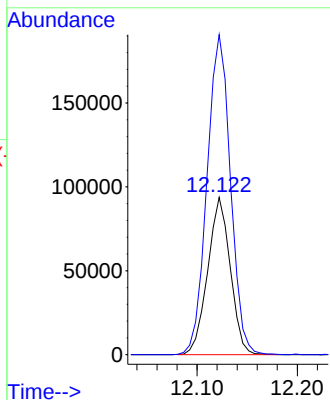
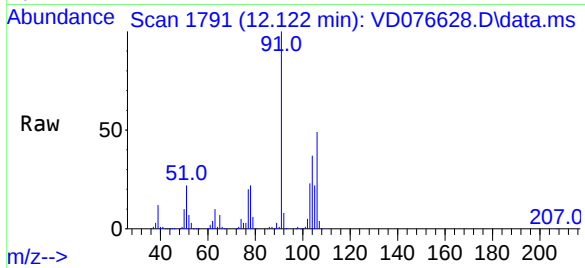




#54
o-Xylene
Concen: 25.214 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

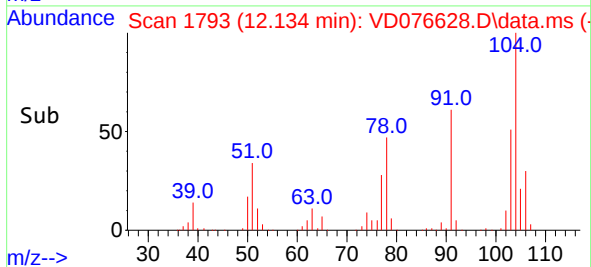
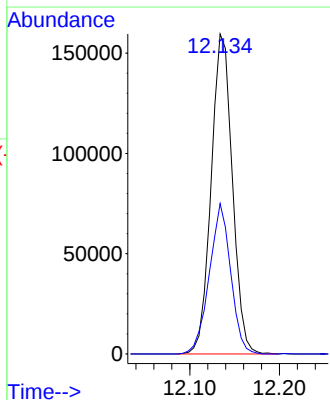
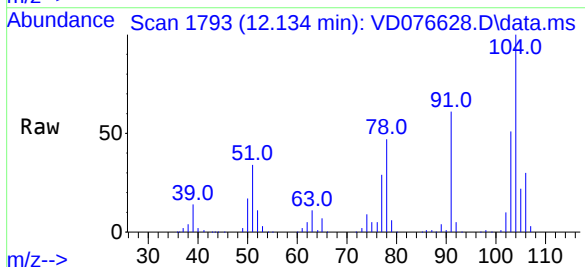
Instrument :
MSVOA_D
ClientSampleId :

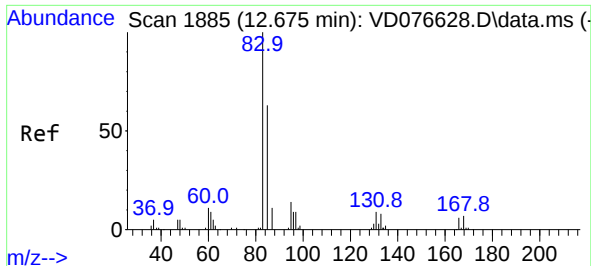
Tgt Ion:106 Resp: 146704
Ion Ratio Lower Upper
106 100
91 203.4 142.2 264.2



#55
Styrene
Concen: 26.033 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion:104 Resp: 261695
Ion Ratio Lower Upper
104 100
78 47.0 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 27.505 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD076628.D

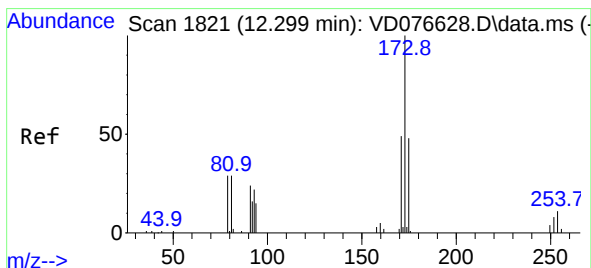
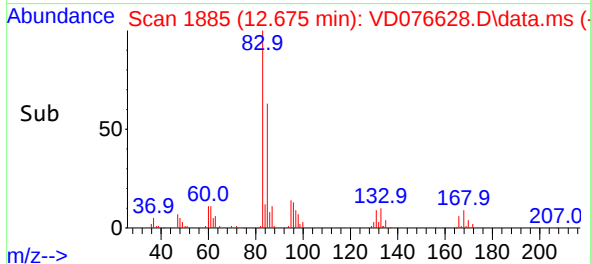
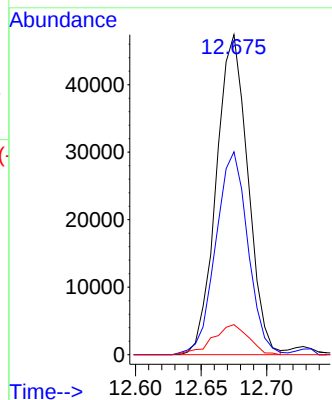
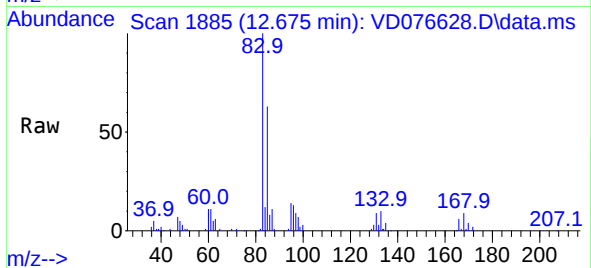
Acq: 29 Jun 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	79357
Ion	Ratio	Lower	Upper
83	100		
85	63.4	46.3	86.1
131	9.4	7.0	10.4



#59

Bromoform

Concen: 25.837 ug/L

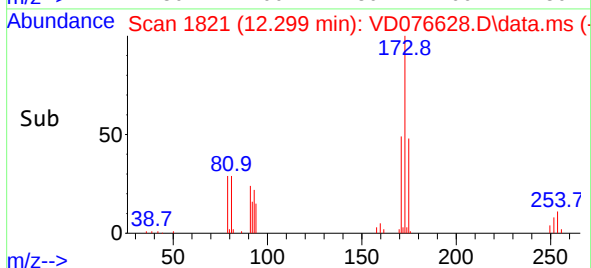
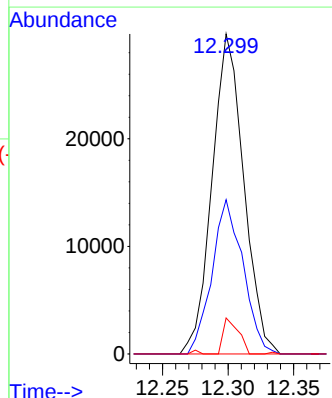
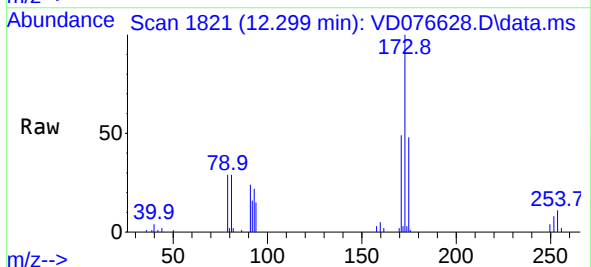
RT: 12.299 min Scan# 1821

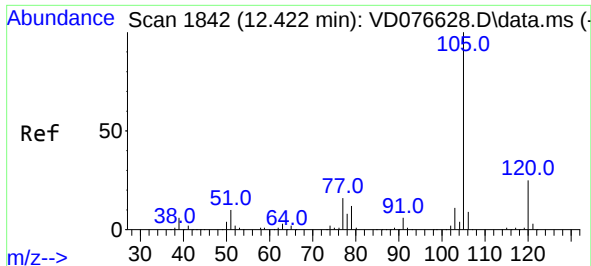
Delta R.T. 0.000 min

Lab File: VD076628.D

Acq: 29 Jun 2023 09:36

Tgt Ion:	173	Resp:	49977
Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.0	58.4
254	5.4	5.3	7.9

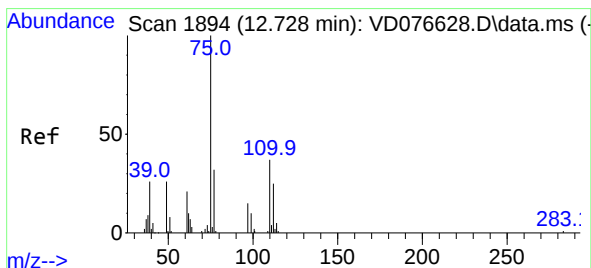
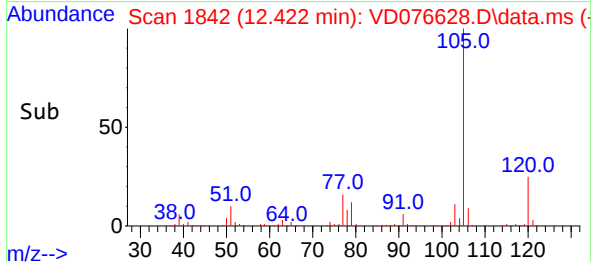
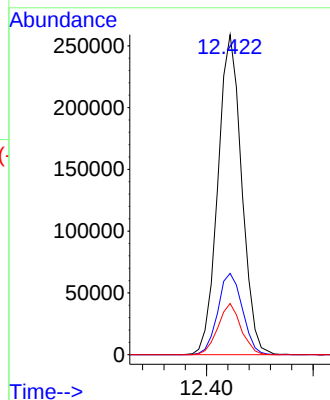
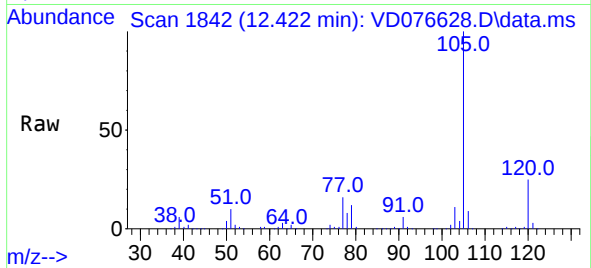




#60
Isopropylbenzene
Concen: 24.274 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

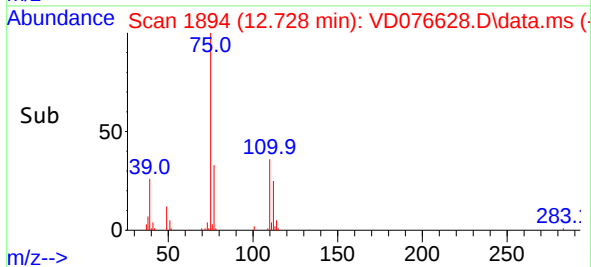
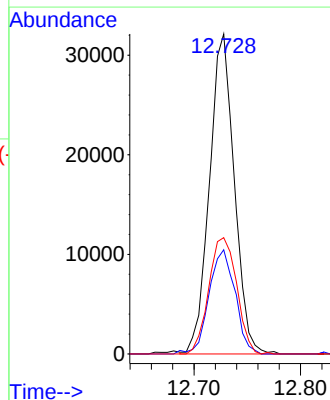
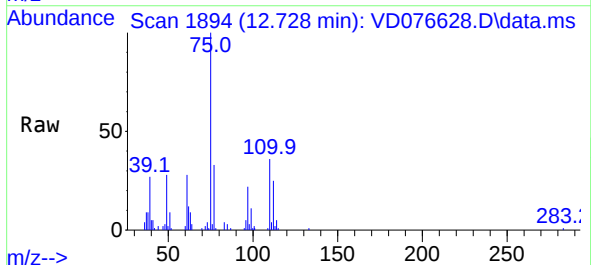
Instrument :
MSVOA_D
ClientSampleId :

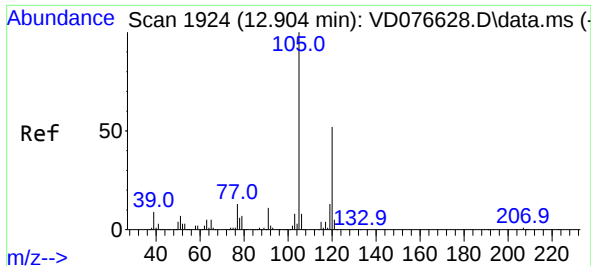
Tgt Ion:105 Resp: 401169
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 24.797 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion: 75 Resp: 51998
Ion Ratio Lower Upper
75 100
77 33.9 27.2 40.8
110 40.8 31.8 47.6

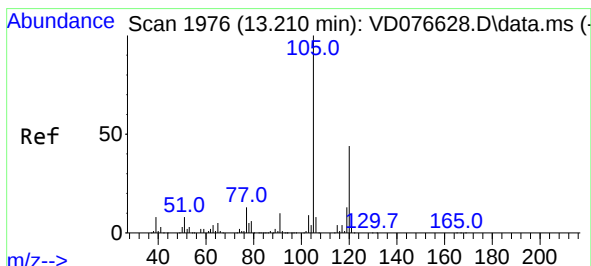
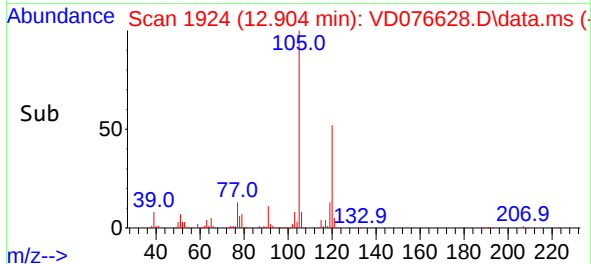
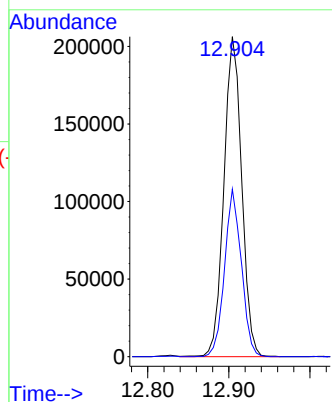
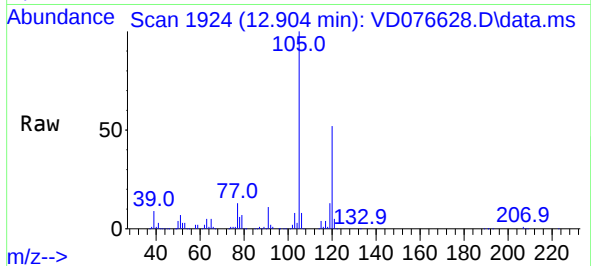




#62
1,3,5-Trimethylbenzene
Concen: 23.817 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

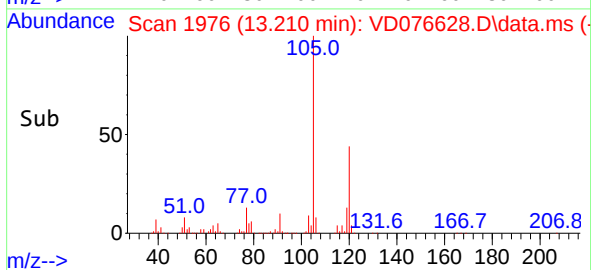
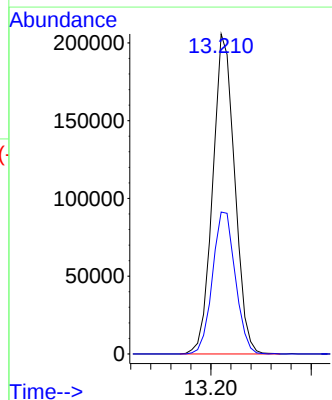
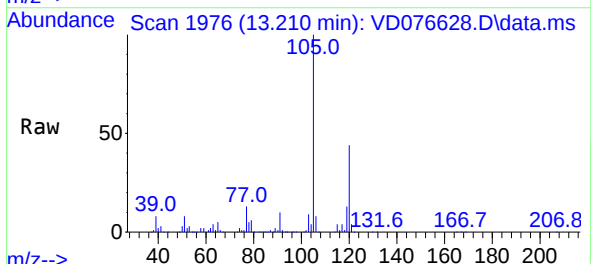
Instrument :
MSVOA_D
ClientSampleId :

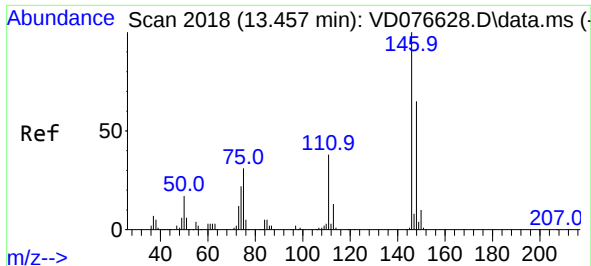
Tgt Ion:105 Resp: 314931
Ion Ratio Lower Upper
105 100
120 49.4 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 23.928 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

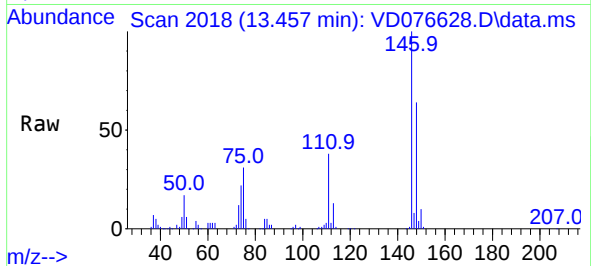
Tgt Ion:105 Resp: 312212
Ion Ratio Lower Upper
105 100
120 46.2 37.5 56.3



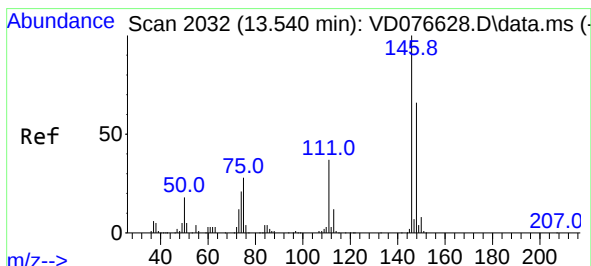
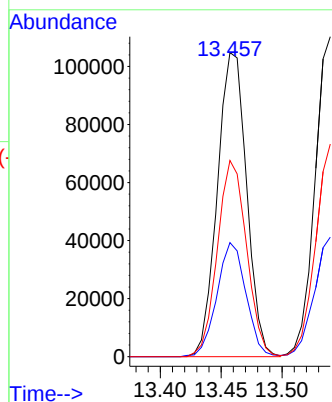
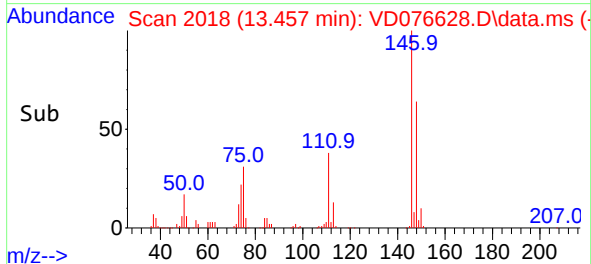


#64
1,3-Dichlorobenzene
Concen: 23.797 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

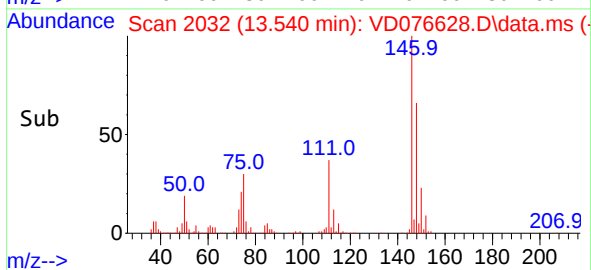
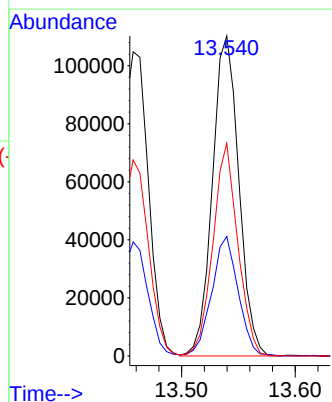
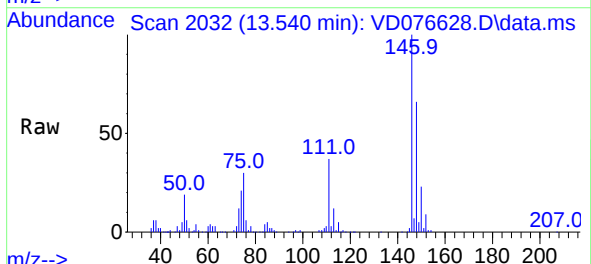


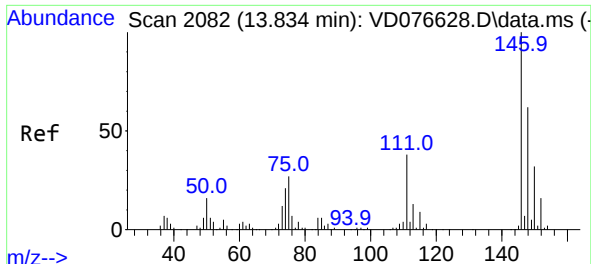
Tgt Ion:146 Resp: 174965
Ion Ratio Lower Upper
146 100
111 37.5 25.6 47.4
148 64.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 24.008 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion:146 Resp: 177936
Ion Ratio Lower Upper
146 100
111 37.3 25.7 47.7
148 66.4 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.959 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD076628.D

Acq: 29 Jun 2023 09:36

Instrument :

MSVOA_D

ClientSampleId :

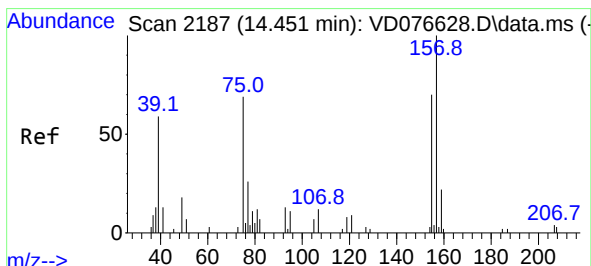
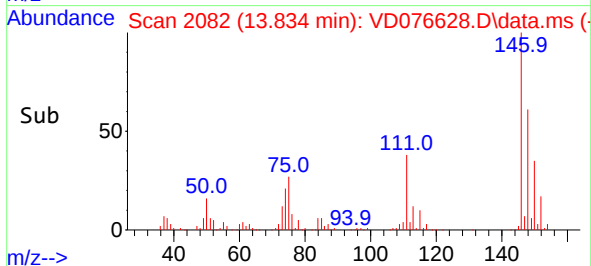
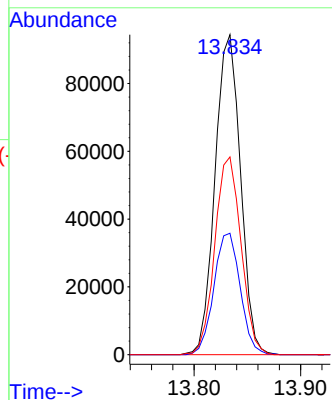
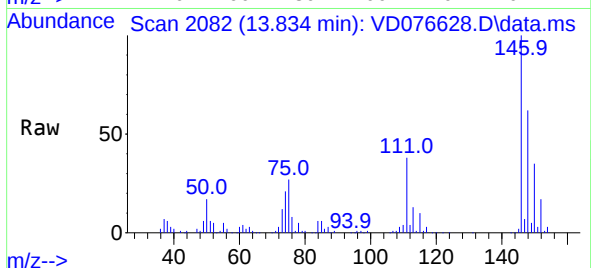
Tgt Ion:146 Resp: 156933

Ion Ratio Lower Upper

146 100

111 38.0 31.3 46.9

148 61.8 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.592 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076628.D

Acq: 29 Jun 2023 09:36

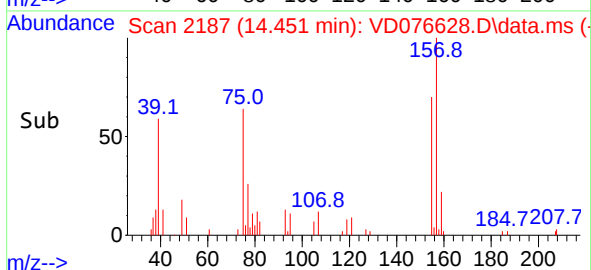
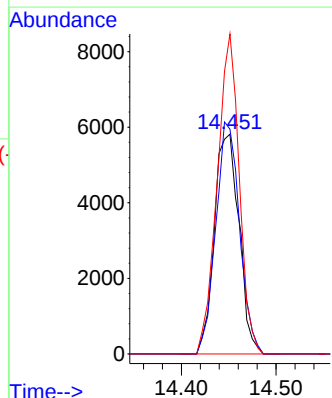
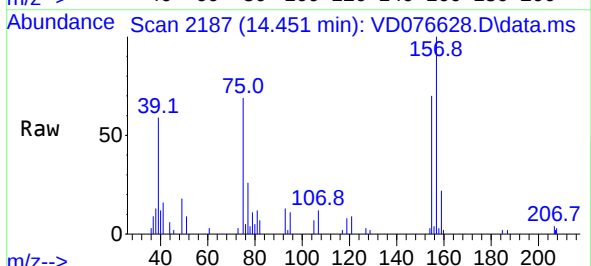
Tgt Ion: 75 Resp: 10558

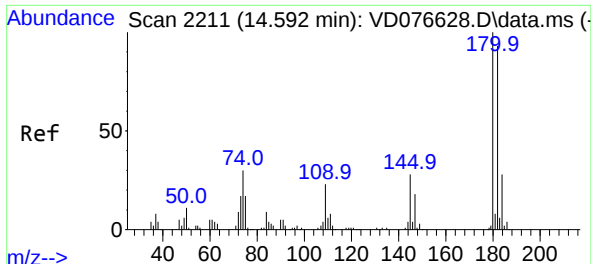
Ion Ratio Lower Upper

75 100

155 102.2 76.2 114.4

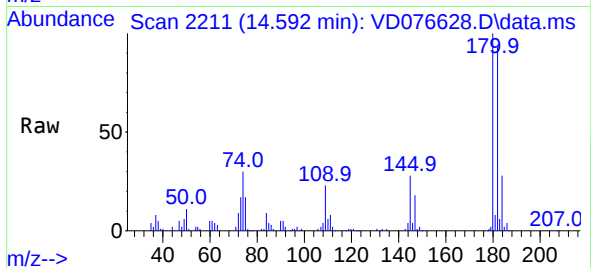
157 145.5 89.4 134.2#



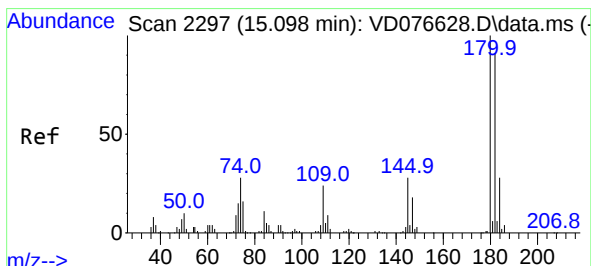
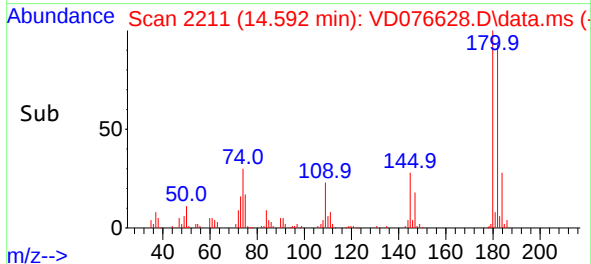
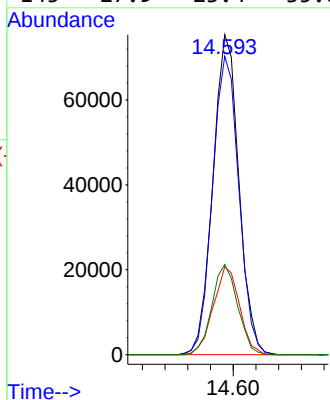


#69
 1,3,5-Trichlorobenzene
 Concen: 24.405 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD076628.D
 Acq: 29 Jun 2023 09:36

Instrument :
 MSVOA_D
 ClientSampleId :

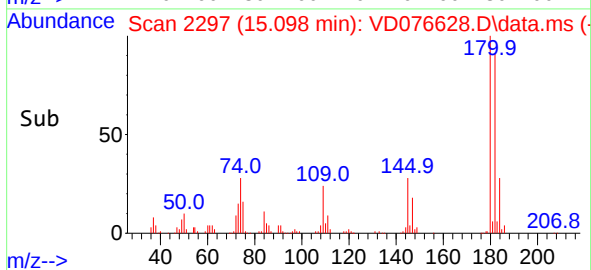
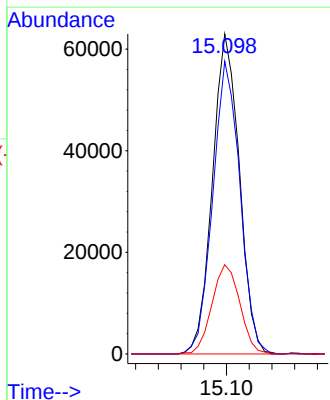
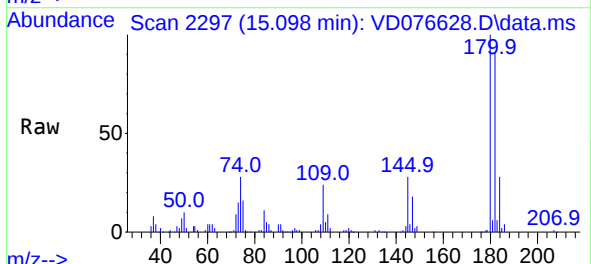


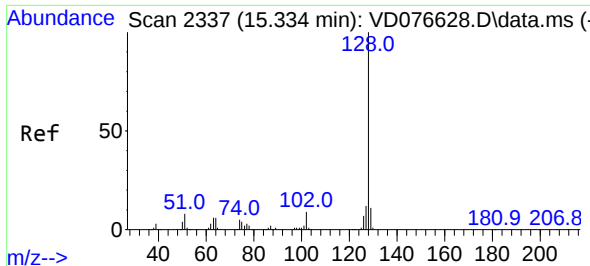
Tgt Ion:180 Resp: 119690
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.1 115.7
 184 27.7 25.0 37.4
 145 27.9 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 23.750 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076628.D
 Acq: 29 Jun 2023 09:36

Tgt Ion:180 Resp: 103635
 Ion Ratio Lower Upper
 180 100
 182 92.0 76.9 115.3
 145 28.9 23.5 35.3



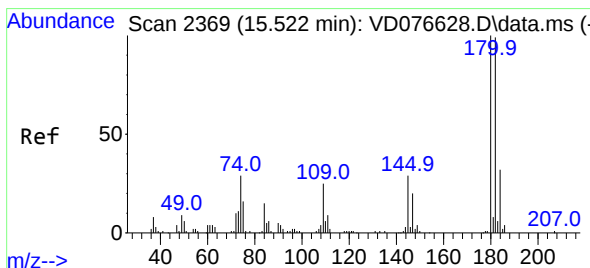
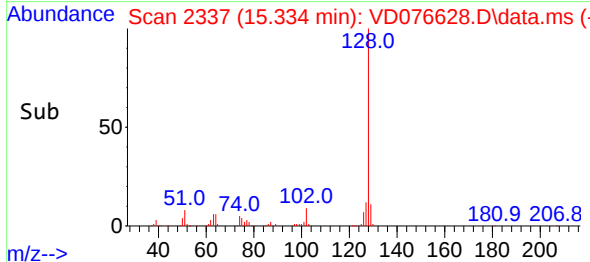
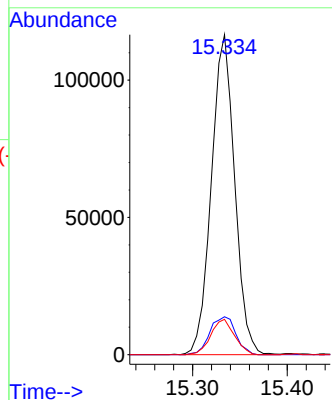
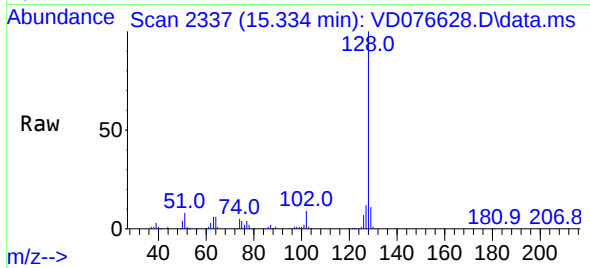


#71
Naphthalene
Concen: 23.840 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 199169

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	11.3	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.683 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076628.D
Acq: 29 Jun 2023 09:36

Tgt Ion:180 Resp: 89742

Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.3	111.5
145	30.7	25.0	37.6

