

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075762.D
 Acq On : 20 Apr 2023 12:30
 Operator : KP/SY
 Sample : VSTD10027
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100127

Quant Time: Apr 21 05:43:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	410639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	377721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	189631	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	940783	104.435	ug/L	0.00
7) Chloroethane-d5	2.799	69	778550	100.027	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	225903	108.772	ug/L	0.00
21) 2-Butanone-d5	6.987	46	161227	206.163	ug/L	0.00
24) Chloroform-d	7.569	84	1021051	99.433	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	428553	97.727	ug/L	0.00
32) Benzene-d6	8.204	84	2232896	101.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	604374	99.182	ug/L	0.00
41) Toluene-d8	10.269	98	2165378	105.061	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	259552	103.049	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	159940	217.988	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	430249	92.270	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	669144	99.761	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	593509	104.843	ug/L	99
3) Chloromethane	2.146	50	740524	93.838	ug/L	99
5) Vinyl chloride	2.281	62	994829	96.456	ug/L	98
6) Bromomethane	2.693	94	706933	102.005	ug/L	99
8) Chloroethane	2.834	64	629924	94.437	ug/L	96
9) Trichlorofluoromethane	3.175	101	804008	97.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	562670	101.063	ug/L	100
12) 1,1-Dichloroethene	3.940	96	574097	106.329	ug/L	96
13) Acetone	4.022	43	121833	182.046	ug/L	98
14) Carbon disulfide	4.269	76	1875798	99.466	ug/L	98
15) Methyl Acetate	4.563	43	136335	93.999	ug/L	# 56
16) Methylene chloride	4.799	84	585392	70.272	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	615331	101.637	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	1036037	106.682	ug/L	99
19) 1,1-Dichloroethane	6.110	63	863121	97.318	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	668183	104.377	ug/L	98
22) 2-Butanone	7.081	43	184997	212.035	ug/L	99
23) Bromochloromethane	7.428	128	292703	98.591	ug/L	95
25) Chloroform	7.599	83	952833	95.859	ug/L	99
27) 1,2-Dichloroethane	8.328	62	482426	94.025	ug/L	97
29) Cyclohexane	7.875	56	735566	113.755	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	783884	98.087	ug/L	99
31) Carbon tetrachloride	7.993	117	659339	102.835	ug/L	98
33) Benzene	8.252	78	2264430	99.109	ug/L	100
34) Trichloroethene	9.028	95	601879	101.865	ug/L	97
35) Methylcyclohexane	9.275	83	1012199	111.112	ug/L	98
37) 1,2-Dichloropropane	9.304	63	515917	98.301	ug/L	99
38) Bromodichloromethane	9.587	83	675495	95.454	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	869292	104.147	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	393910	205.855	ug/L	98
42) Toluene	10.334	91	2527197	102.212	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	693266	103.392	ug/L	99

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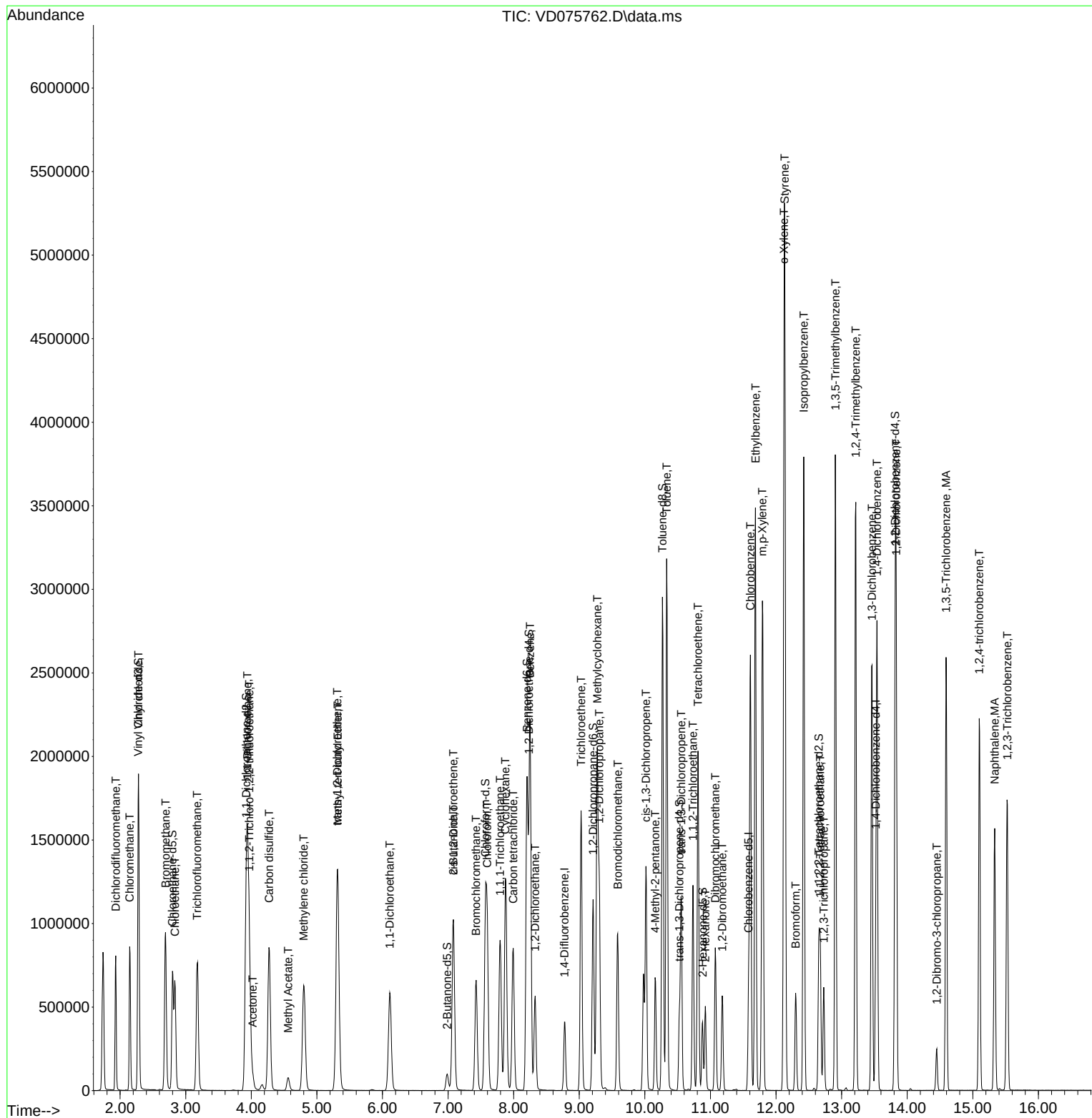
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	418602	93.752	ug/L	97
46) Tetrachloroethene	10.810	164	494241	101.983	ug/L	95
48) 2-Hexanone	10.922	43	285328	211.511	ug/L	96
49) Dibromochloromethane	11.075	129	478715	98.485	ug/L	95
50) 1,2-Dibromoethane	11.181	107	391191	97.179	ug/L	100
51) Chlorobenzene	11.610	112	1604676	99.206	ug/L	100
52) Ethylbenzene	11.687	91	2642427	104.221	ug/L	100
53) m,p-Xylene	11.793	106	1068917	105.878	ug/L	100
54) o-Xylene	12.122	106	1028707	107.280	ug/L	97
55) Styrene	12.134	104	1773410	106.259	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	417059	91.802	ug/L	99
59) Bromoform	12.298	173	275772	94.888	ug/L	100
60) Isopropylbenzene	12.422	105	2598605	103.346	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	264851	88.909	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	2071113	110.460	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	1994426	110.347	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	1202277	99.932	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	1204885	95.423	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	1065658	99.187	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	60744	102.002	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	879747	109.097	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	783010	117.171	ug/L	99
71) Naphthalene	15.333	128	1406873	115.042	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	669955	112.311	ug/L	99

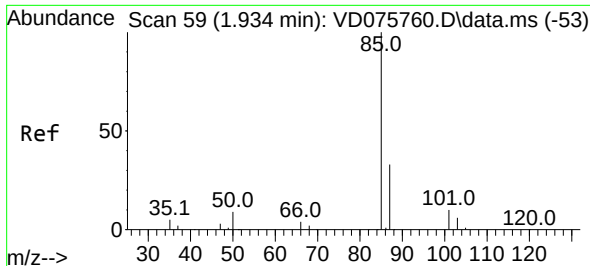
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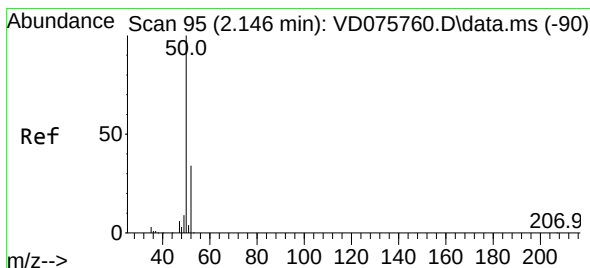
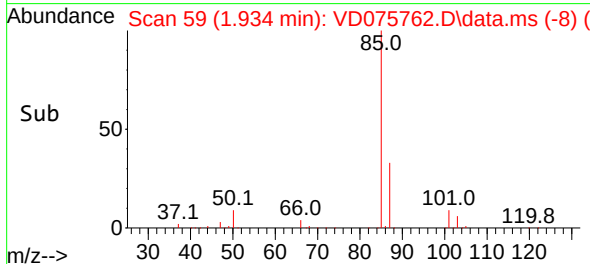
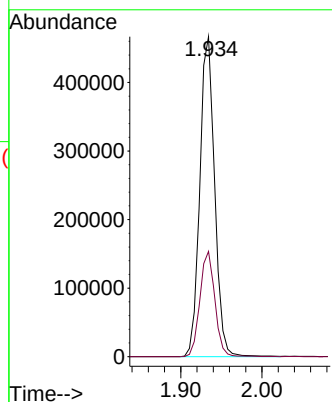
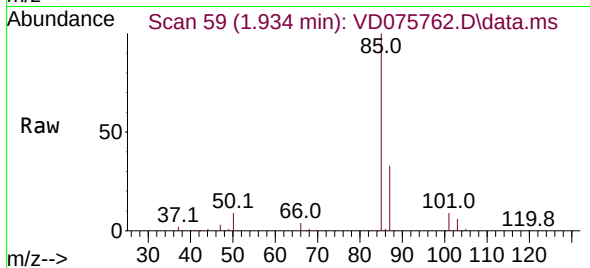




#2
 Dichlorodifluoromethane
 Concen: 104.843 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

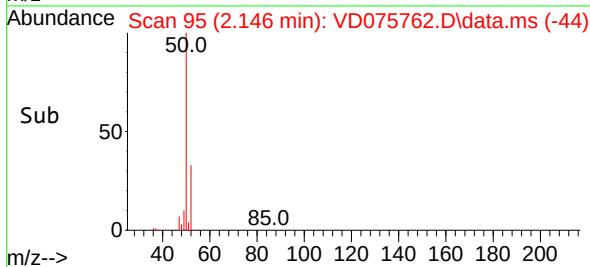
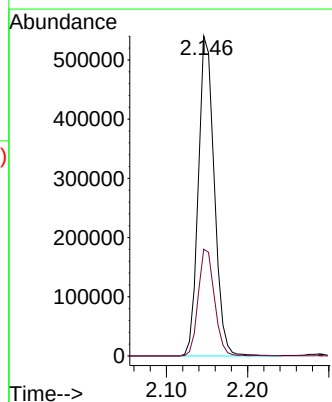
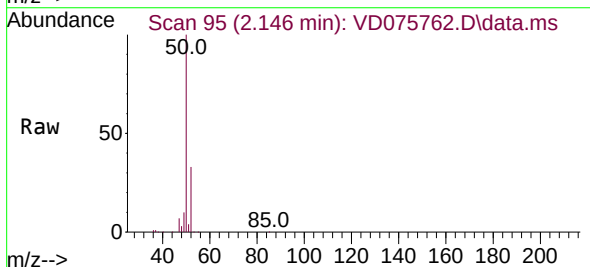
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 ClientSampleId :
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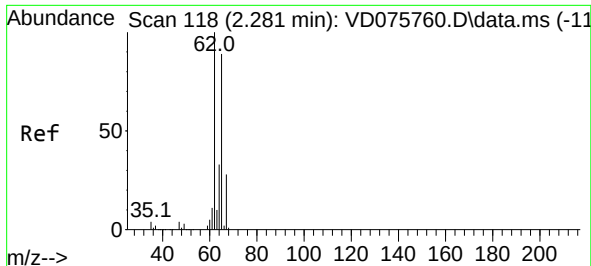
Tgt Ion: 85 Resp: 593509
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 93.838 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

Tgt Ion: 50 Resp: 740524
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 44.1

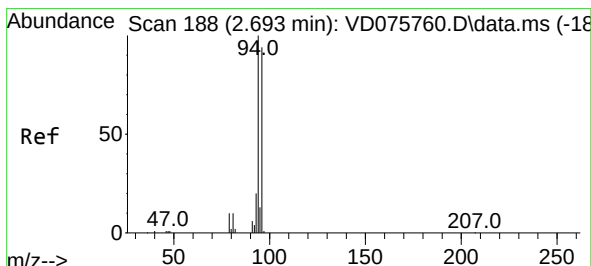
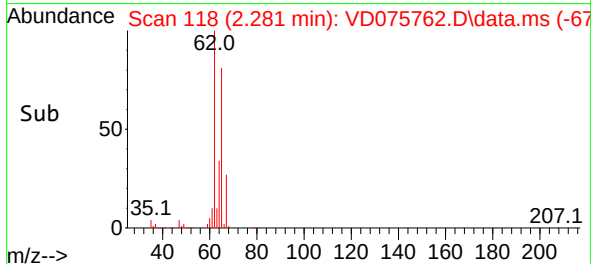
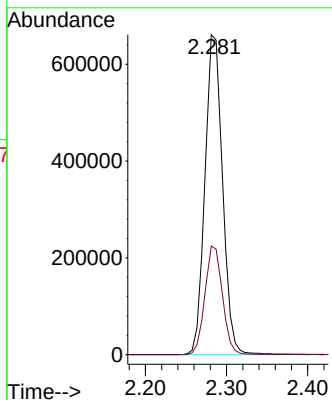
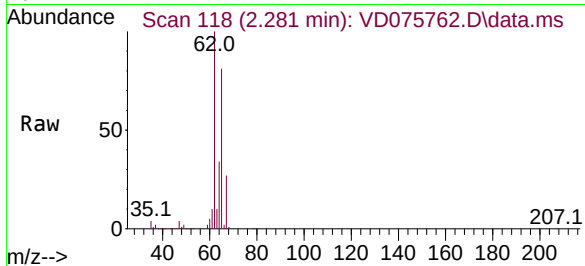




#5
 Vinyl chloride
 Concen: 96.456 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

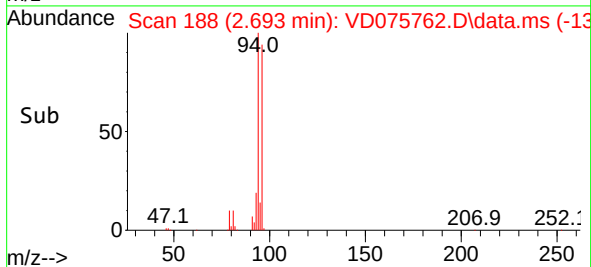
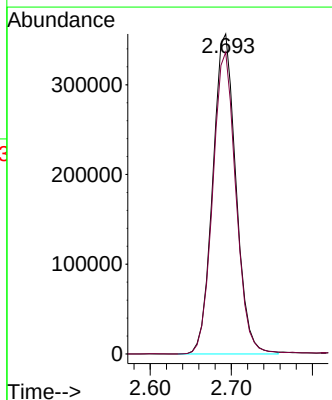
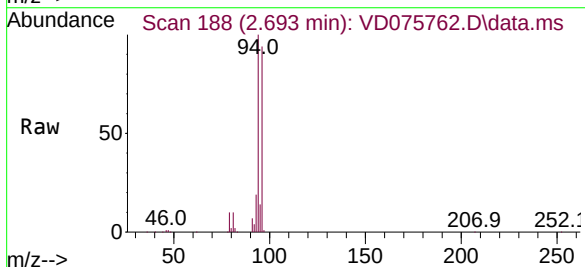
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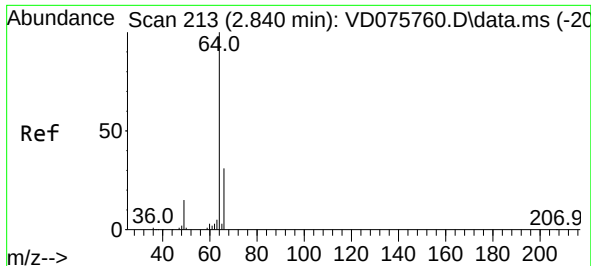
Tgt Ion: 62 Resp: 994829
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.0



#6
 Bromomethane
 Concen: 102.005 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

Tgt Ion: 94 Resp: 706933
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 121.9

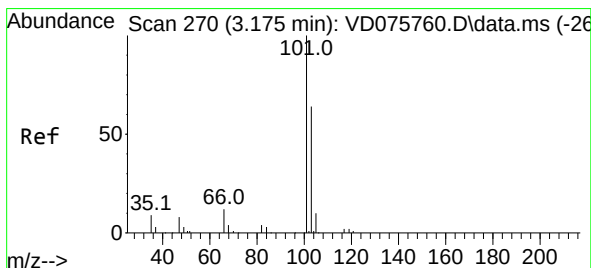
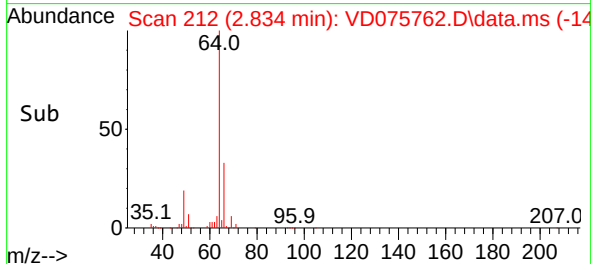
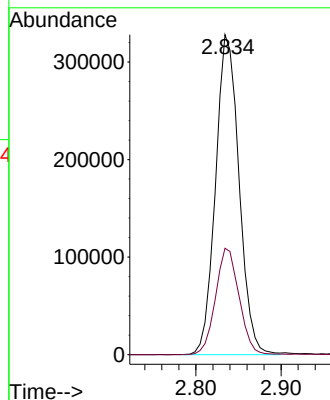
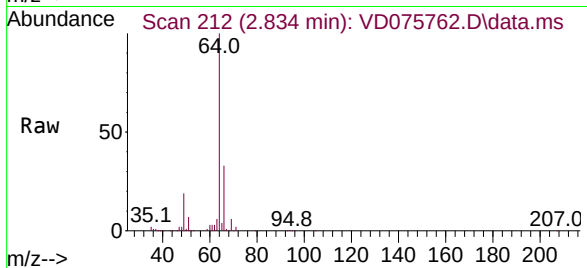




#8
Chloroethane
Concen: 94.437 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

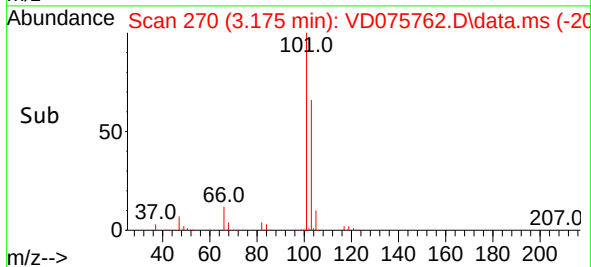
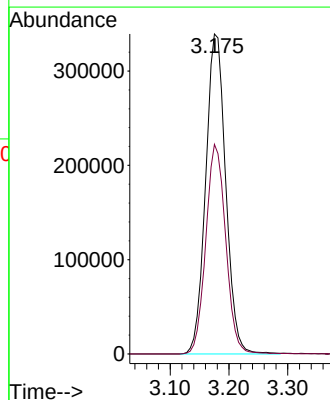
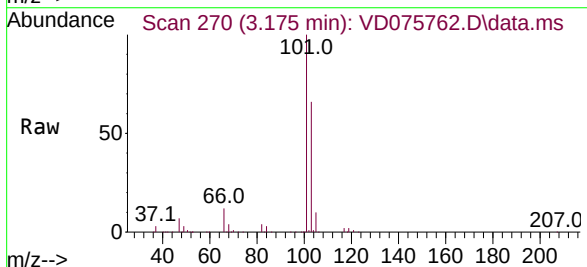
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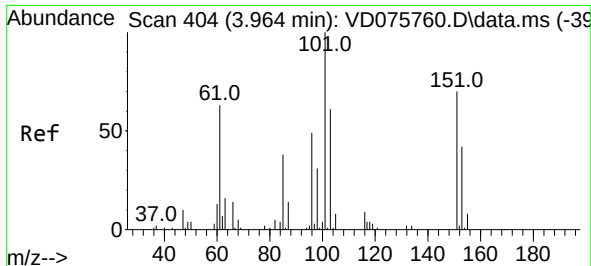
Tgt Ion: 64 Resp: 629924
Ion Ratio Lower Upper
64 100
66 33.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 97.020 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:101 Resp: 804008
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

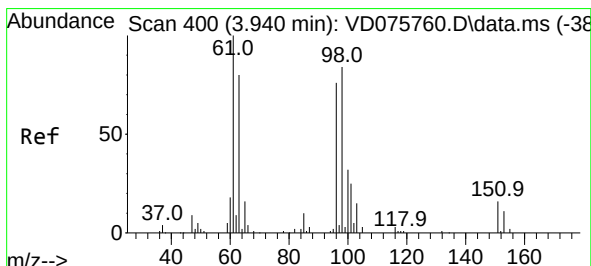
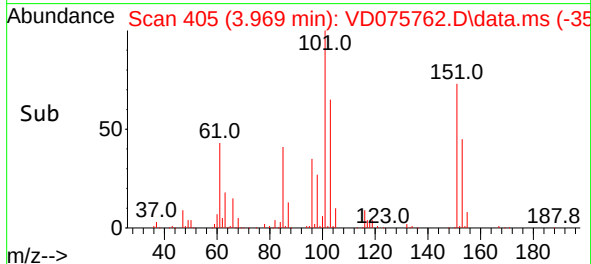
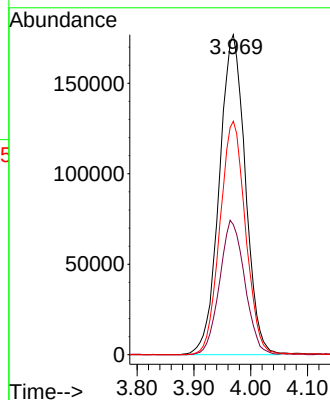
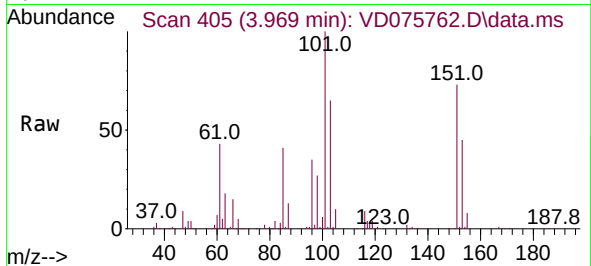




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 101.063 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

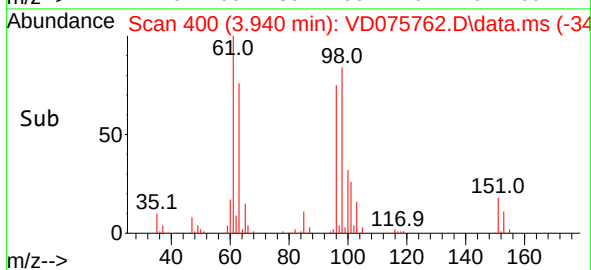
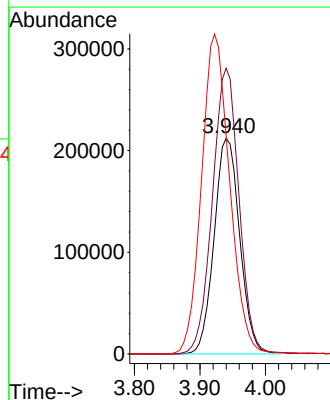
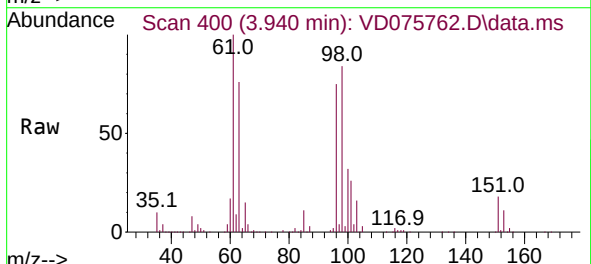
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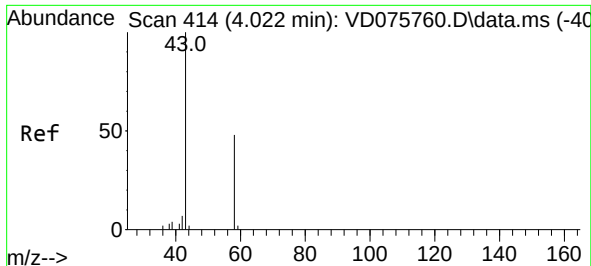
Tgt Ion:101 Resp: 562670
 Ion Ratio Lower Upper
 101 100
 85 40.7 32.9 49.3
 151 71.7 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 106.329 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

Tgt Ion: 96 Resp: 574097
 Ion Ratio Lower Upper
 96 100
 61 132.5 92.6 172.0
 63 101.2 77.4 143.8

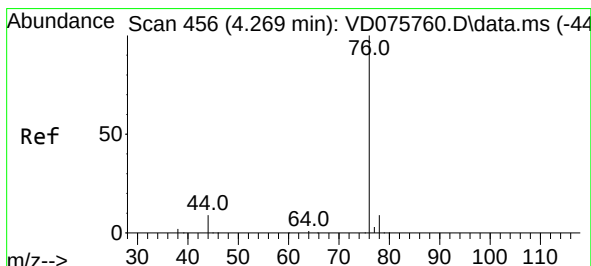
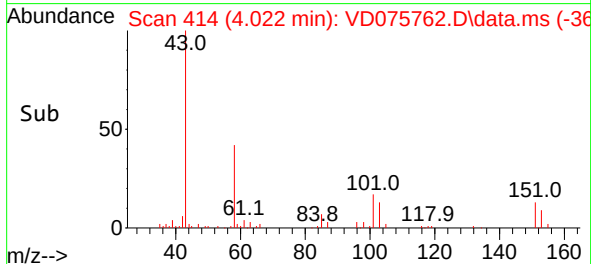
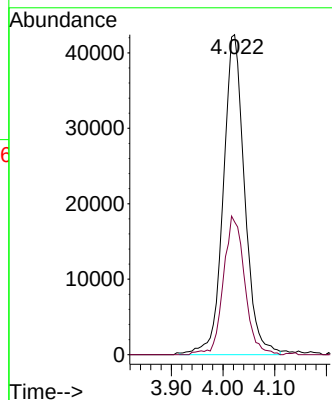
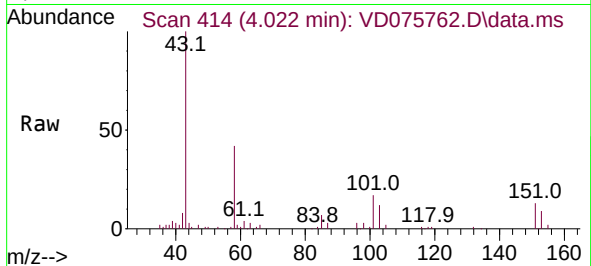




#13
Acetone
Concen: 182.046 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

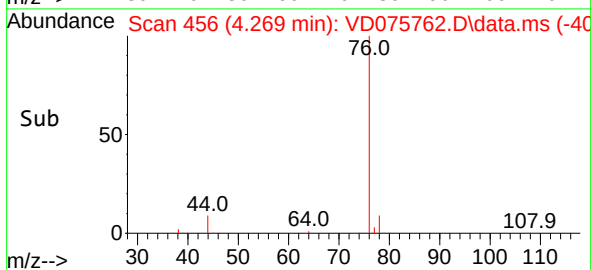
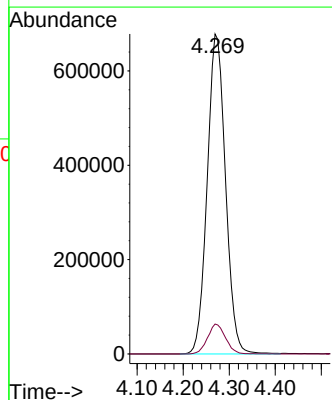
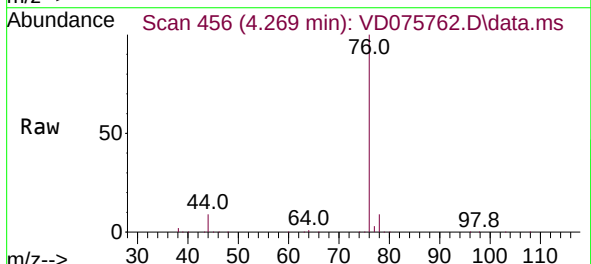
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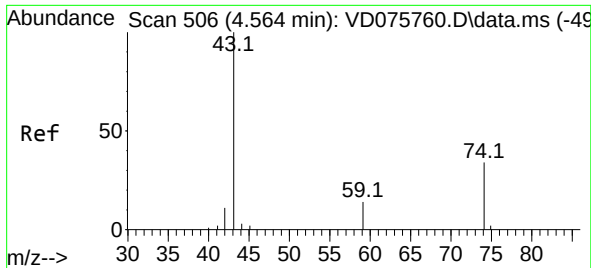
Tgt Ion: 43 Resp: 121833
Ion Ratio Lower Upper
43 100
58 42.3 0.0 87.4



#14
Carbon disulfide
Concen: 99.466 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 76 Resp: 1875798
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

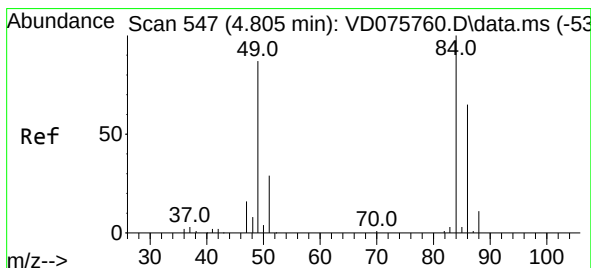
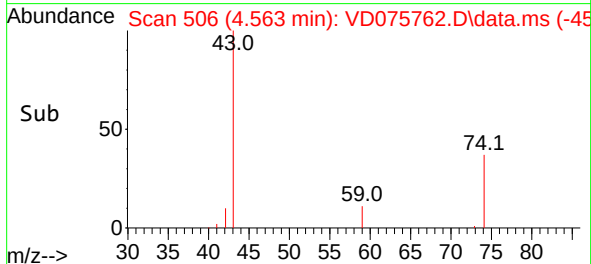
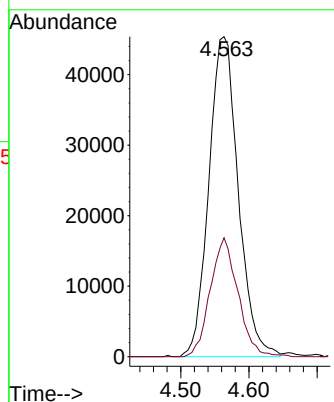
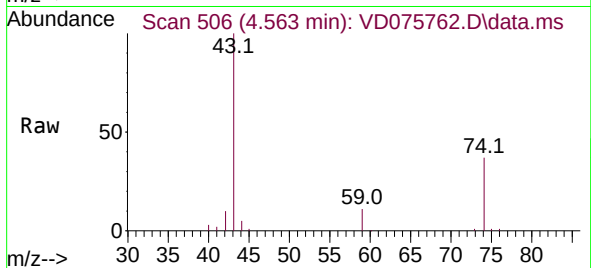




#15
Methyl Acetate
Concen: 93.999 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

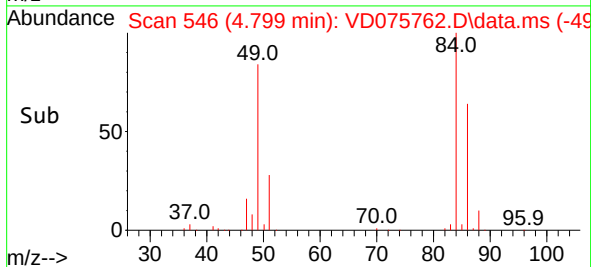
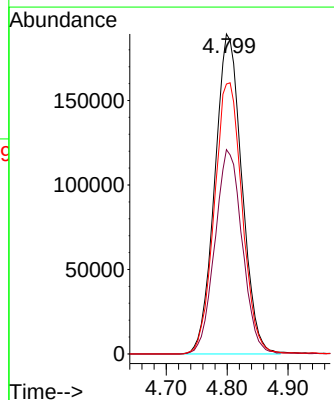
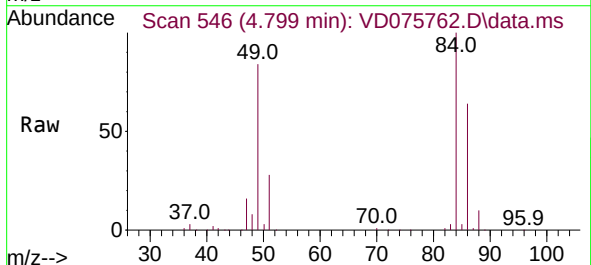
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

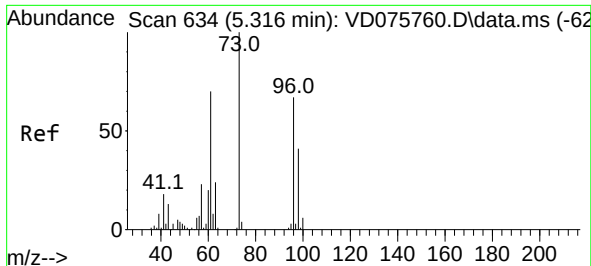
Tgt Ion: 43 Resp: 136335
Ion Ratio Lower Upper
43 100
74 34.8 12.8 19.2#



#16
Methylene chloride
Concen: 70.272 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 84 Resp: 585392
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.2
49 84.4 60.8 112.8

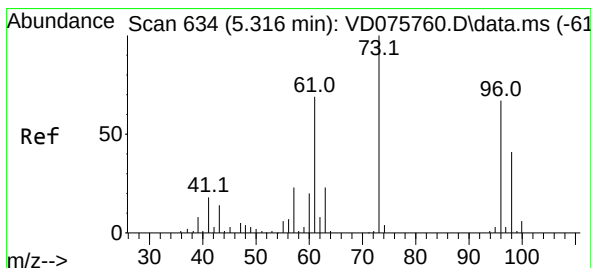
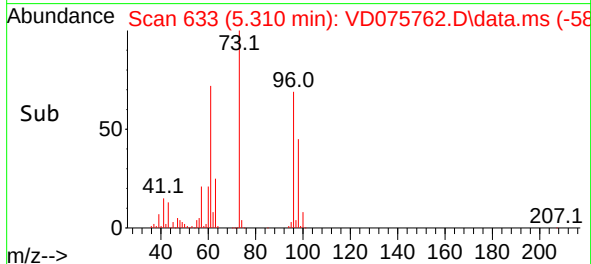
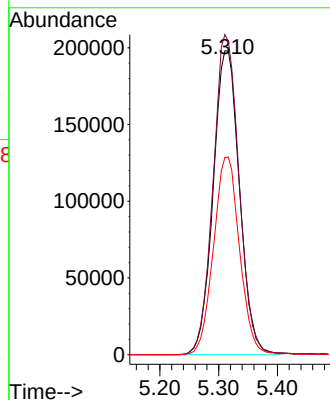
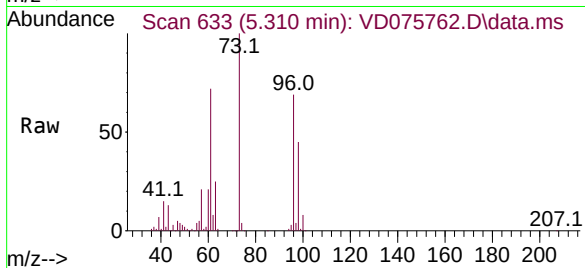




#17
trans-1,2-Dichloroethene
Concen: 101.637 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

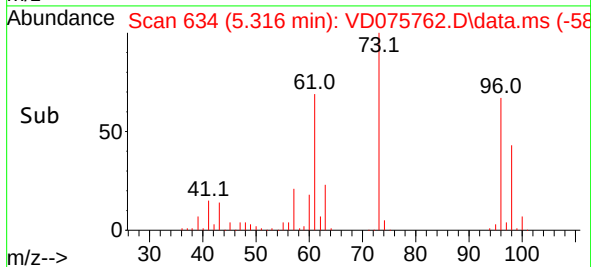
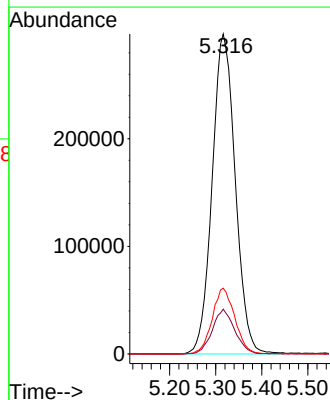
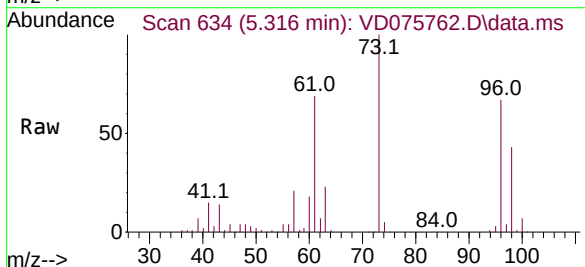
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

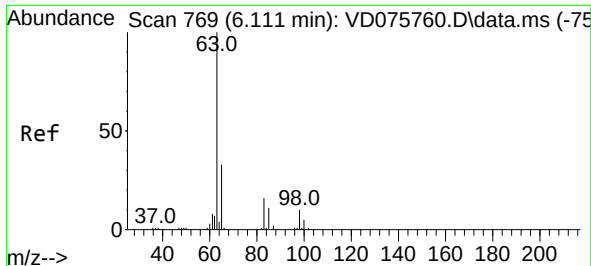
Tgt Ion: 96 Resp: 615331
Ion Ratio Lower Upper
96 100
61 105.3 72.9 135.5
98 64.9 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 106.682 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 73 Resp: 1036037
Ion Ratio Lower Upper
73 100
43 13.5 11.3 16.9
57 20.1 16.3 24.5





#19

1,1-Dichloroethane

Concen: 97.318 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD100127

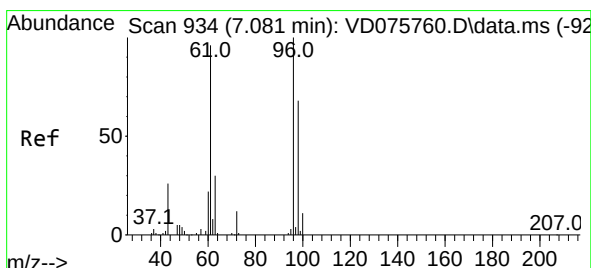
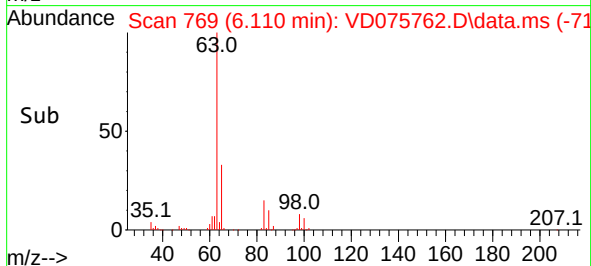
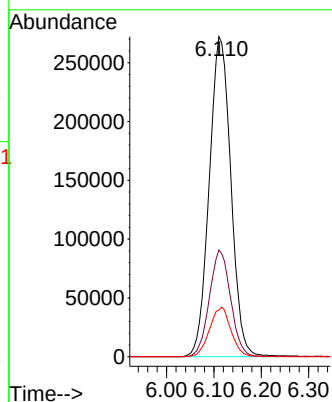
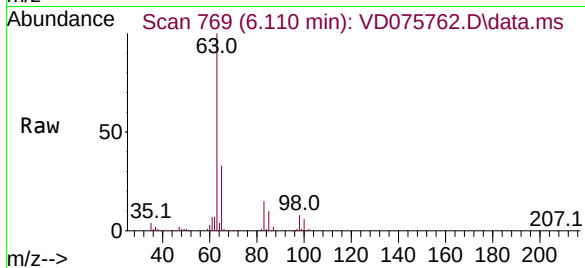
Tgt Ion: 63 Resp: 863121

Ion Ratio Lower Upper

63 100

65 33.3 22.8 42.4

83 14.6 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 104.377 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

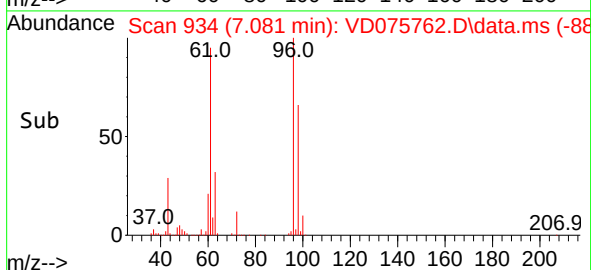
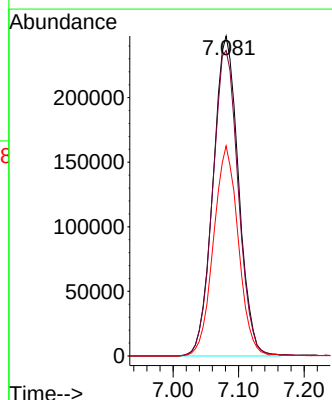
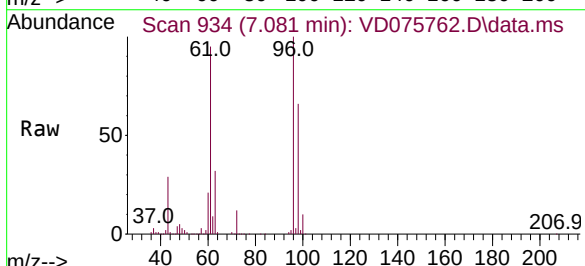
Tgt Ion: 96 Resp: 668183

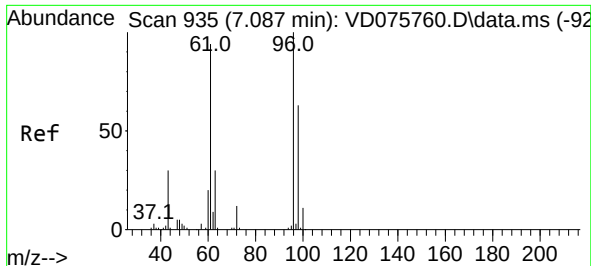
Ion Ratio Lower Upper

96 100

61 95.4 67.5 125.3

98 65.7 47.5 88.1

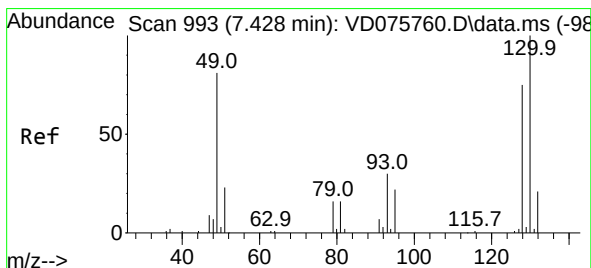
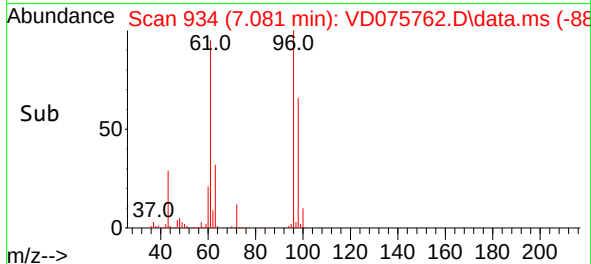
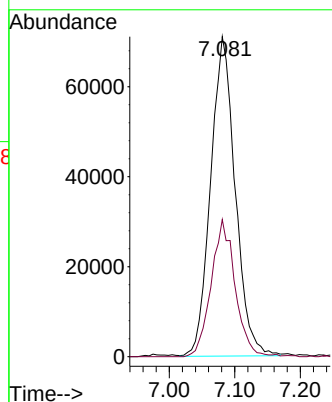
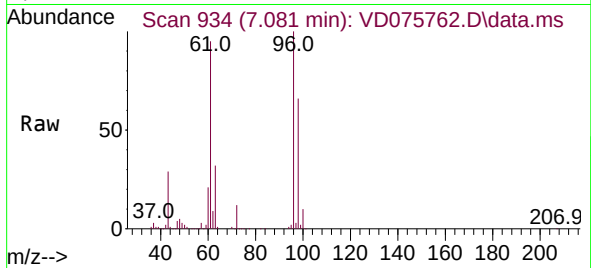




#22
2-Butanone
Concen: 212.035 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

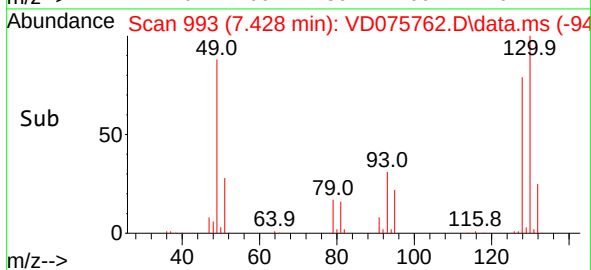
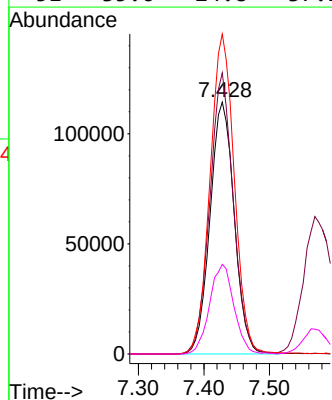
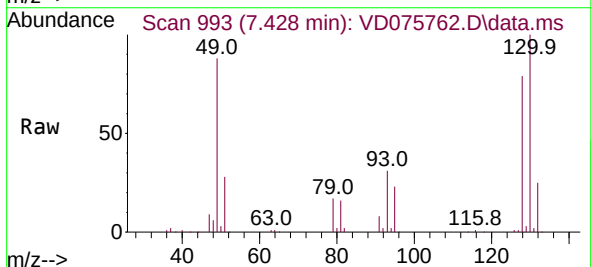
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

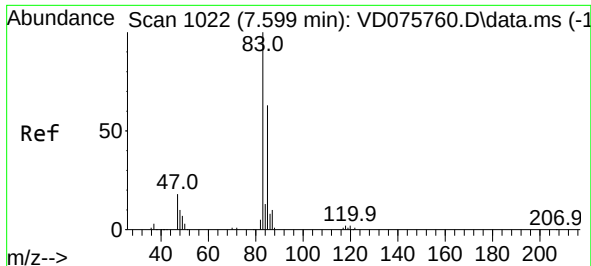
Tgt Ion: 43 Resp: 184997
Ion Ratio Lower Upper
43 100
72 41.6 20.5 61.5



#23
Bromochloromethane
Concen: 98.591 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 128 Resp: 292703
Ion Ratio Lower Upper
128 100
49 111.6 76.4 142.0
130 127.1 93.5 173.7
51 35.6 24.8 37.2

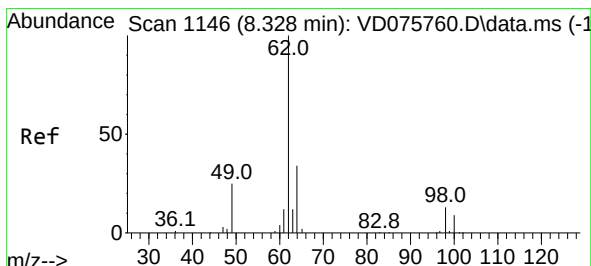
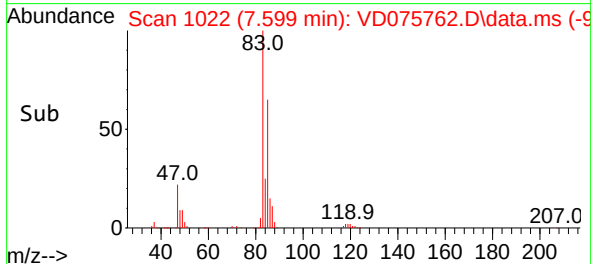
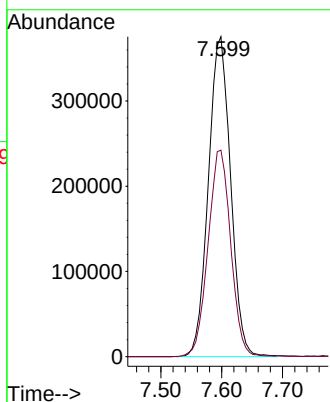
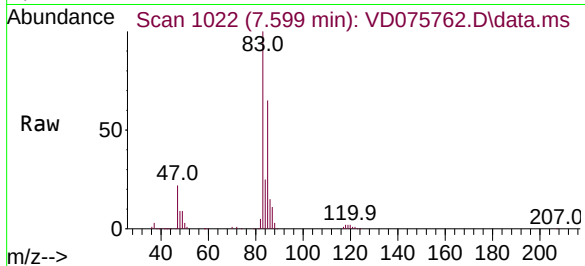




#25
Chloroform
Concen: 95.859 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

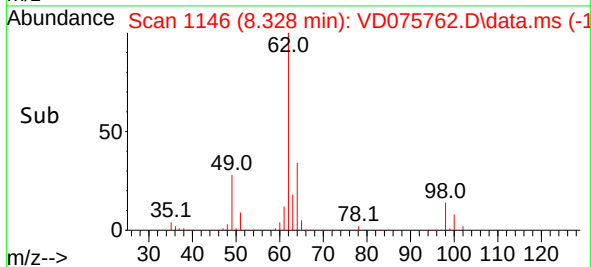
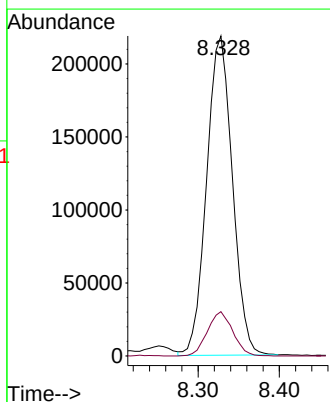
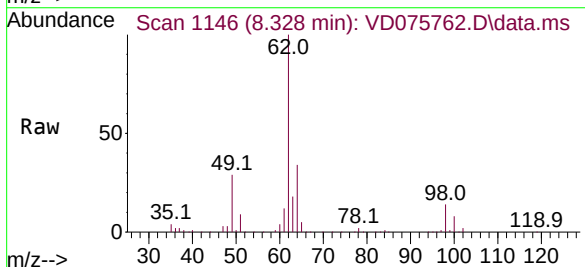
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

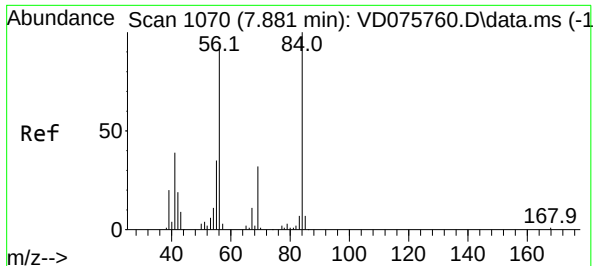
Tgt Ion: 83 Resp: 952833
Ion Ratio Lower Upper
83 100
85 64.6 44.4 82.5



#27
1,2-Dichloroethane
Concen: 94.025 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 62 Resp: 482426
Ion Ratio Lower Upper
62 100
98 13.8 10.2 15.2





#29

Cyclohexane

Concen: 113.755 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD100127

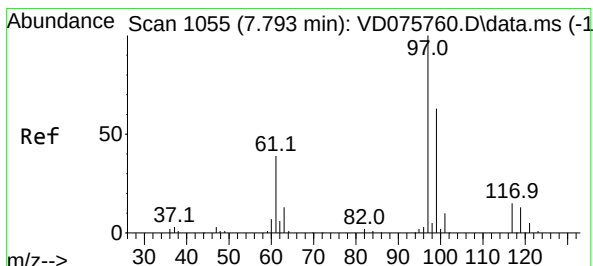
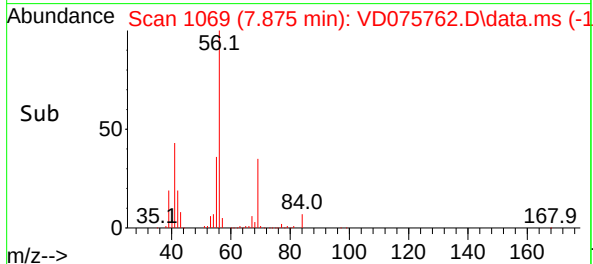
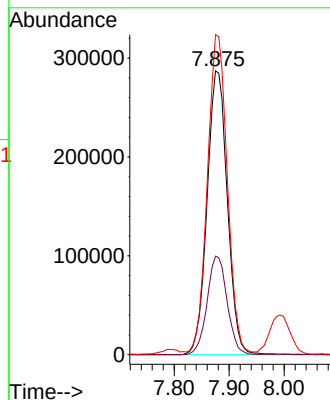
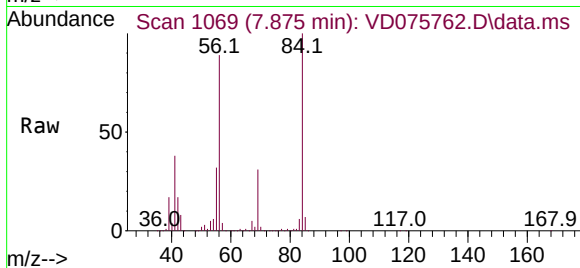
Tgt Ion: 56 Resp: 735566

Ion Ratio Lower Upper

56 100

69 34.3 28.2 42.2

84 110.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 98.087 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

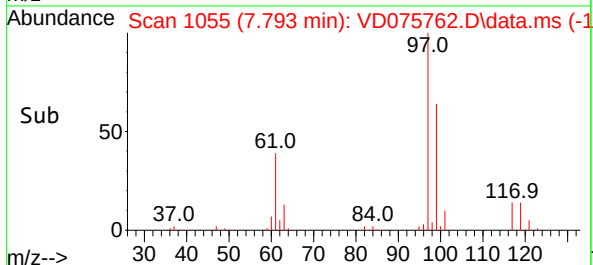
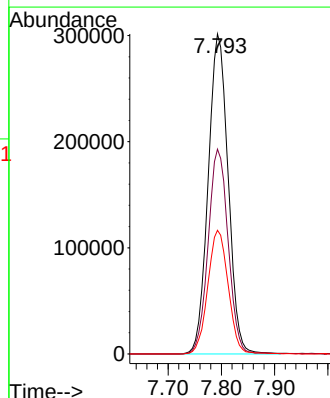
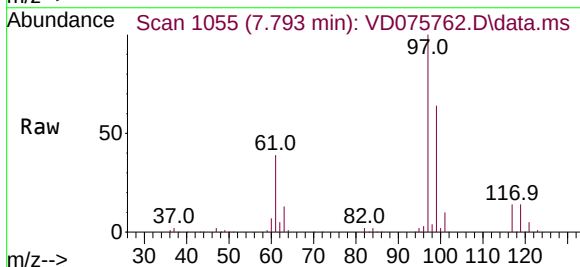
Tgt Ion: 97 Resp: 783884

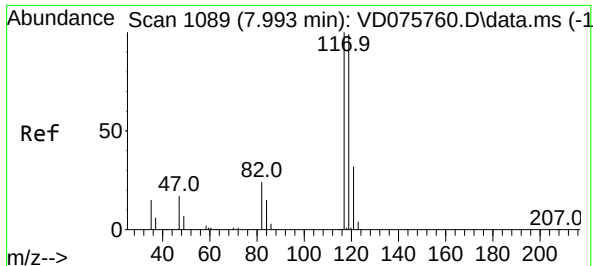
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 39.4 32.1 48.1

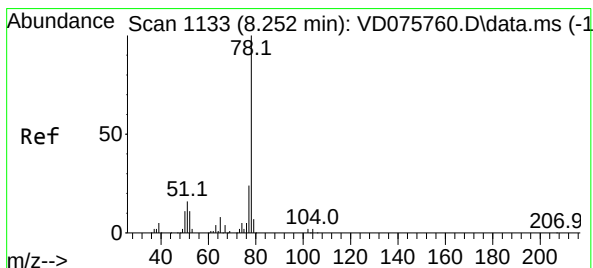
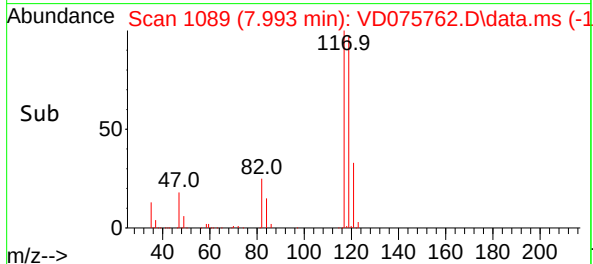
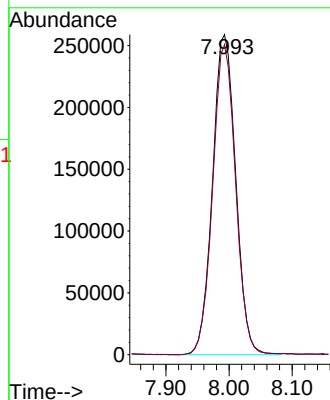
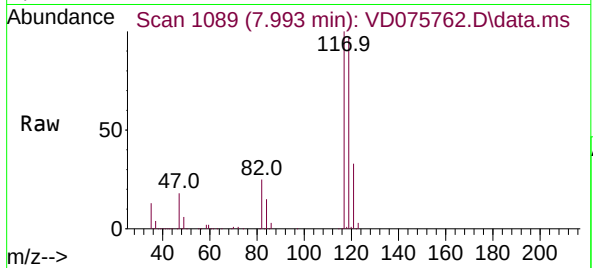




#31
Carbon tetrachloride
Concen: 102.835 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

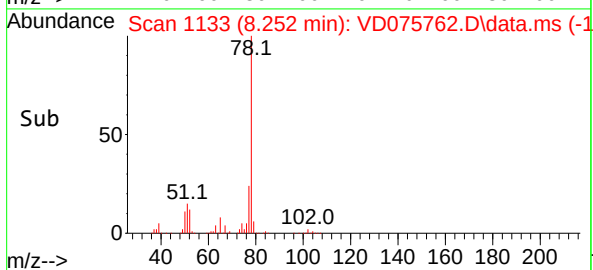
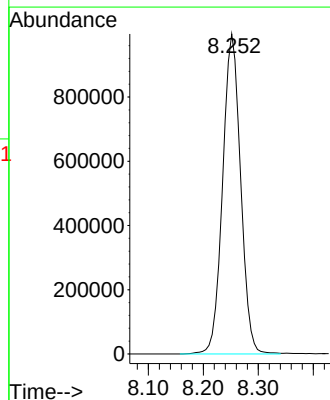
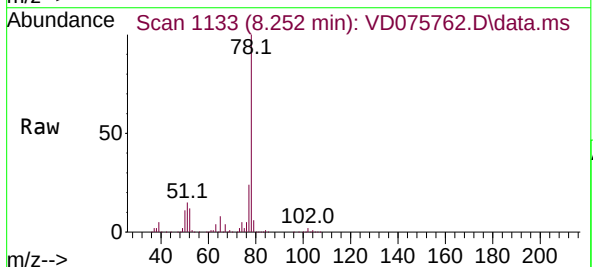
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

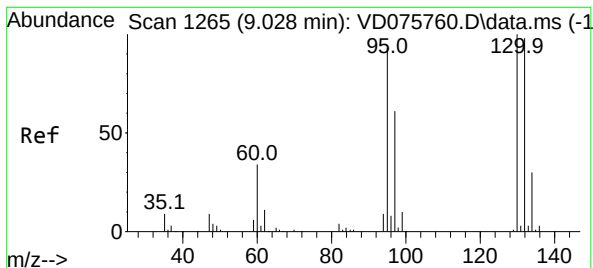
Tgt Ion:117 Resp: 659339
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 99.109 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 78 Resp: 2264430





#34

Trichloroethene

Concen: 101.865 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD100127

Tgt Ion: 95 Resp: 601879

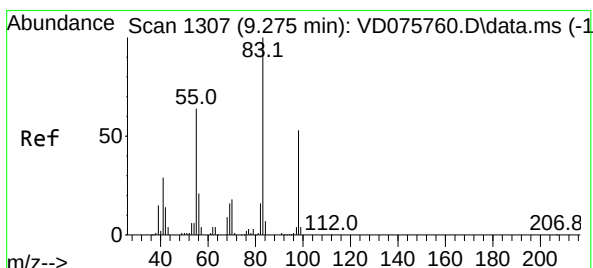
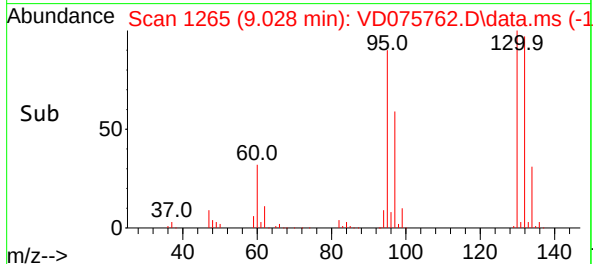
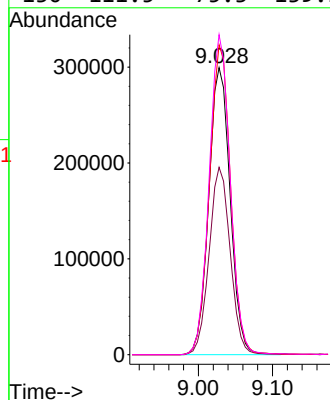
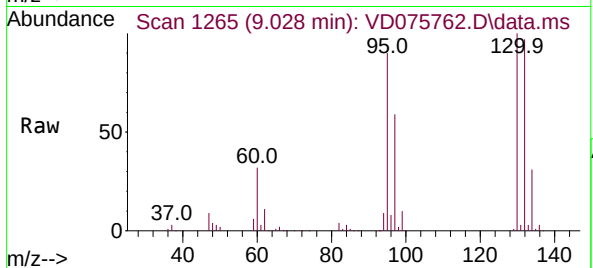
Ion Ratio Lower Upper

95 100

97 65.2 46.0 85.4

132 108.0 73.3 136.1

130 111.5 75.3 139.9



#35

Methylcyclohexane

Concen: 111.112 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

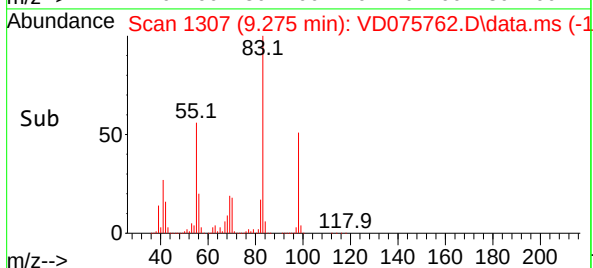
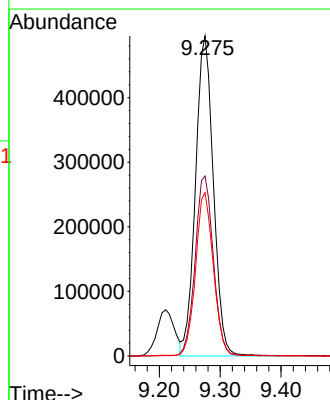
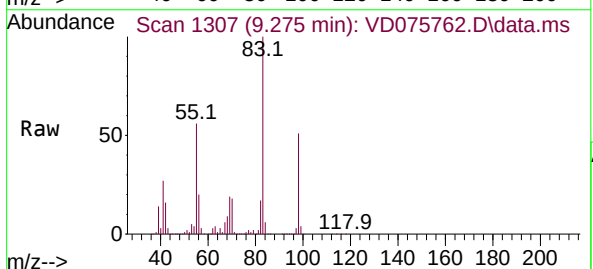
Tgt Ion: 83 Resp: 1012199

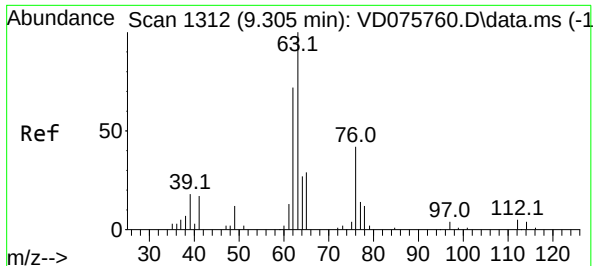
Ion Ratio Lower Upper

83 100

55 57.2 48.2 72.2

98 50.8 40.8 61.2





#37

1,2-Dichloropropane

Concen: 98.301 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

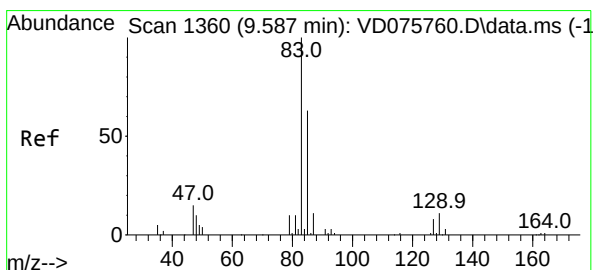
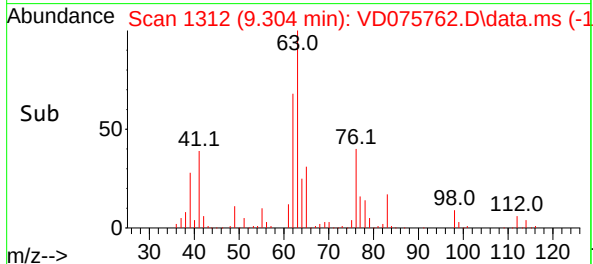
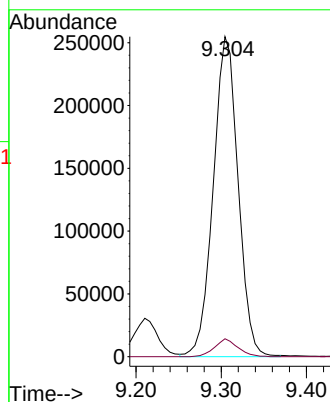
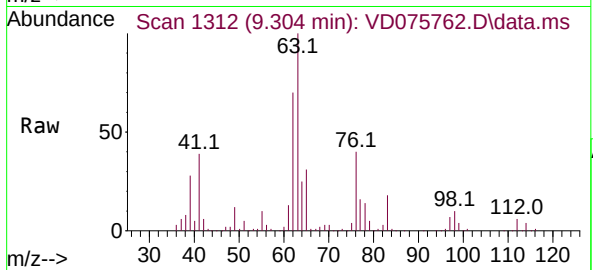
VSTD100127

Tgt Ion: 63 Resp: 515917

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0



#38

Bromodichloromethane

Concen: 95.454 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

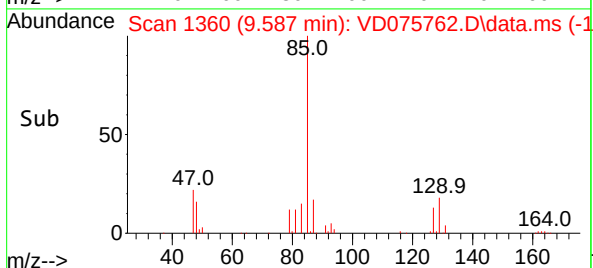
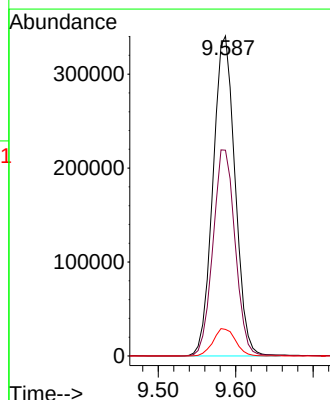
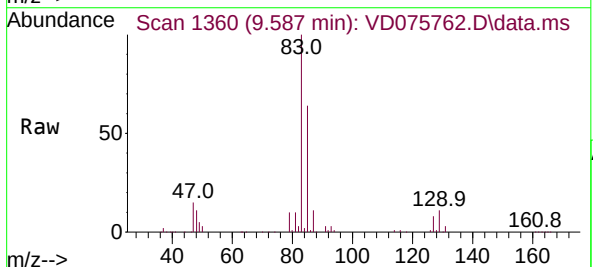
Tgt Ion: 83 Resp: 675495

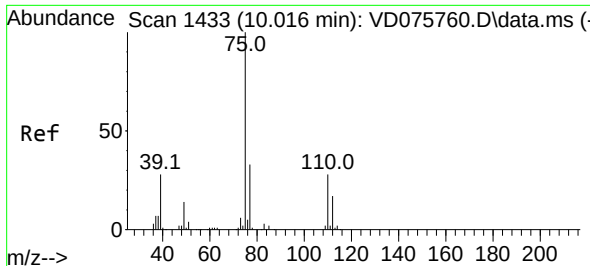
Ion Ratio Lower Upper

83 100

85 64.3 44.2 82.2

127 8.3 6.3 9.5

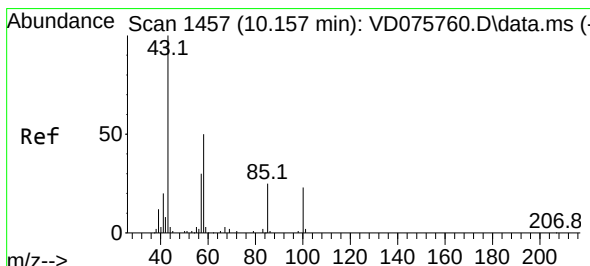
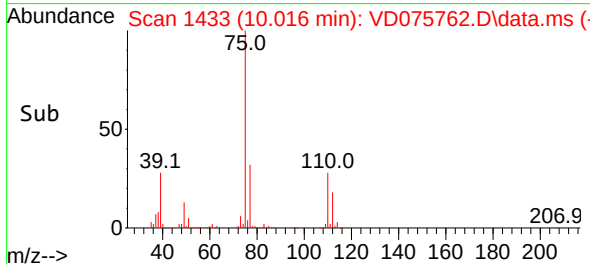
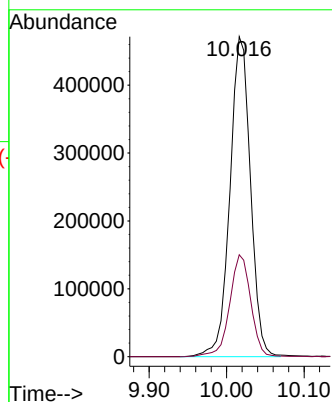
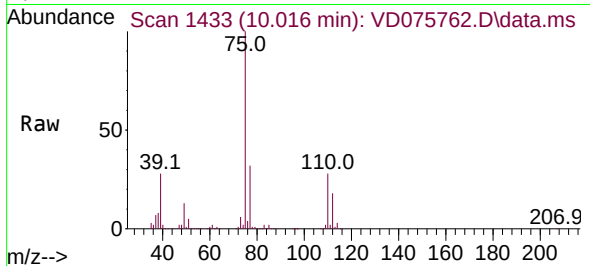




#39
 cis-1,3-Dichloropropene
 Concen: 104.147 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

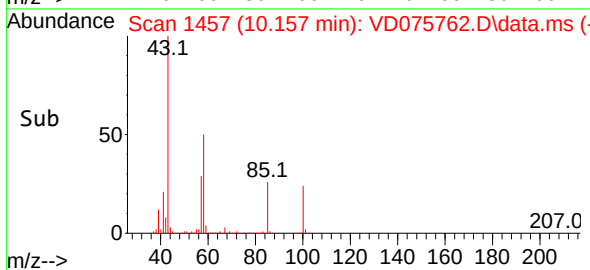
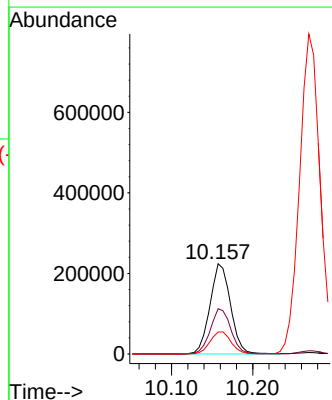
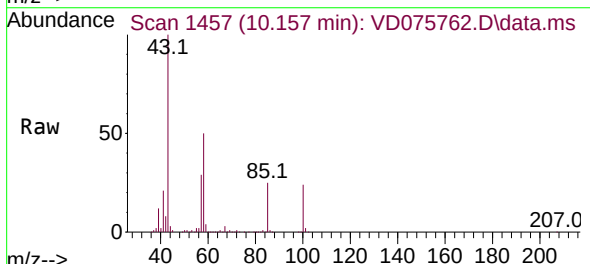
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100127

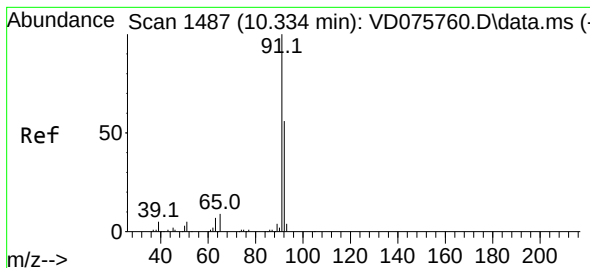
Tgt Ion: 75 Resp: 869292
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 205.855 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

Tgt Ion: 43 Resp: 393910
 Ion Ratio Lower Upper
 43 100
 58 49.9 39.1 58.7
 100 25.1 19.4 29.0





#42

Toluene

Concen: 102.212 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

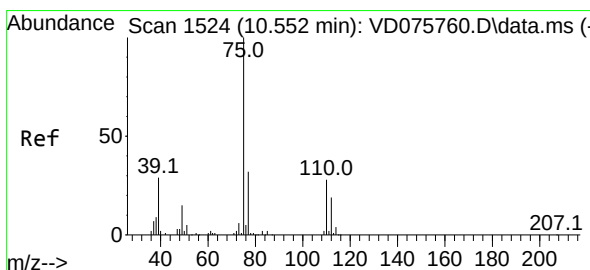
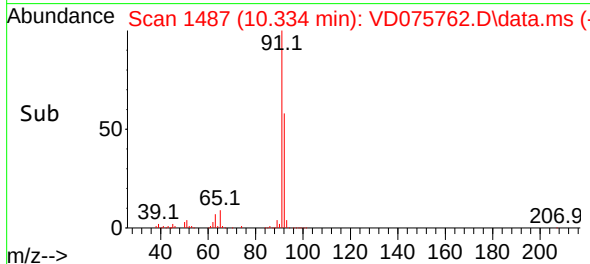
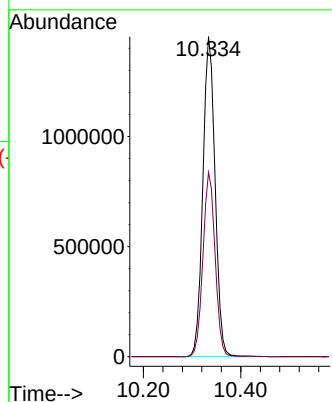
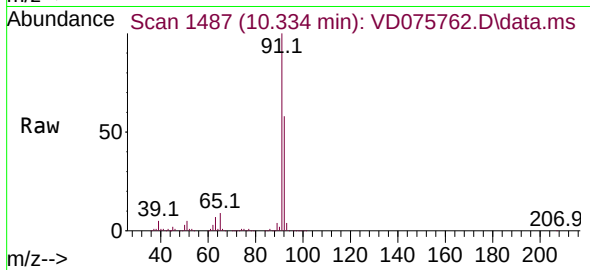
VSTD100127

Tgt Ion: 91 Resp: 2527197

Ion Ratio Lower Upper

91 100

92 57.6 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 103.392 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075762.D

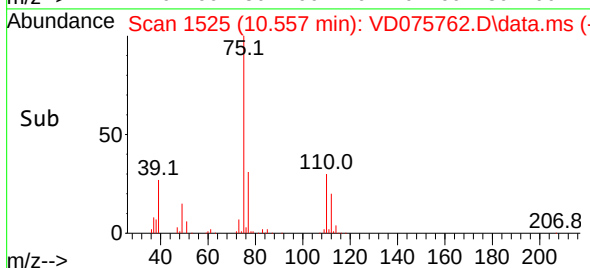
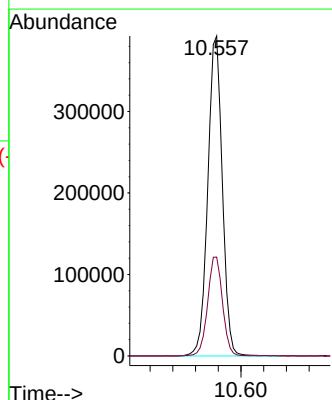
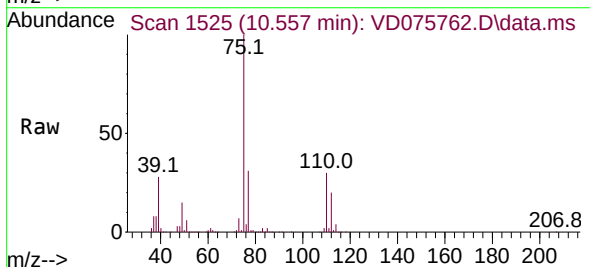
Acq: 20 Apr 2023 12:30

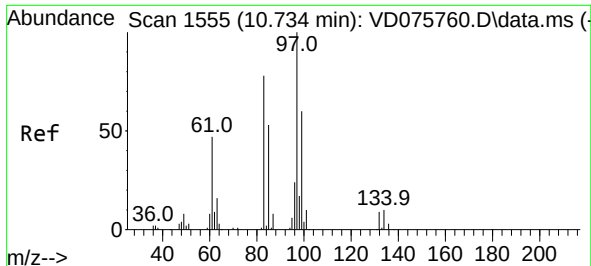
Tgt Ion: 75 Resp: 693266

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0



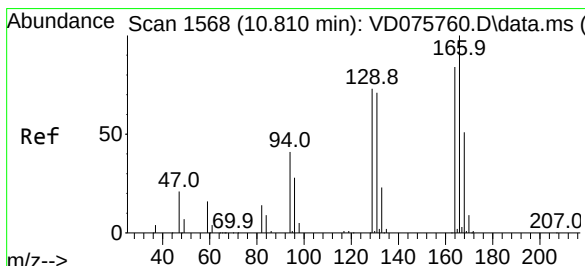
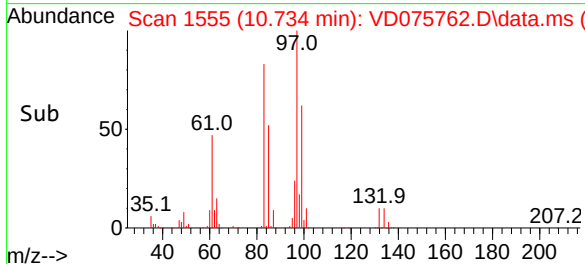
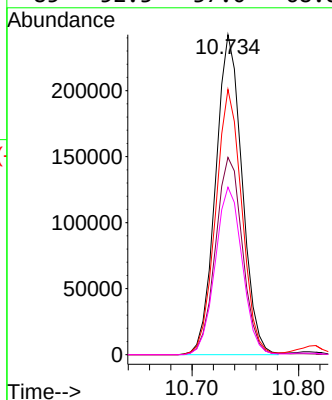
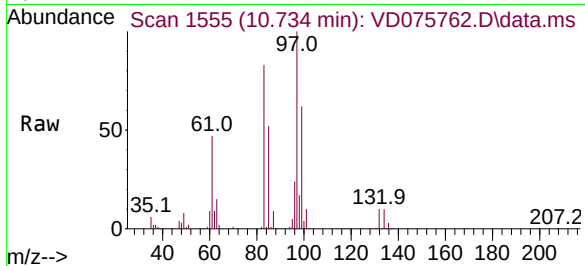


#45
1,1,2-Trichloroethane
Concen: 93.752 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

Tgt Ion: 97 Resp: 418602

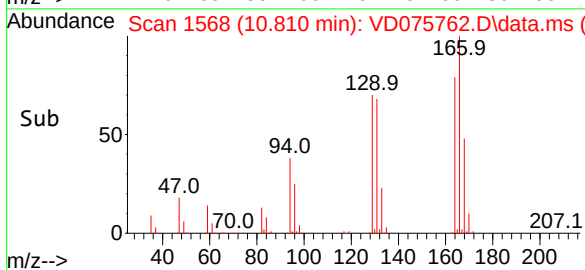
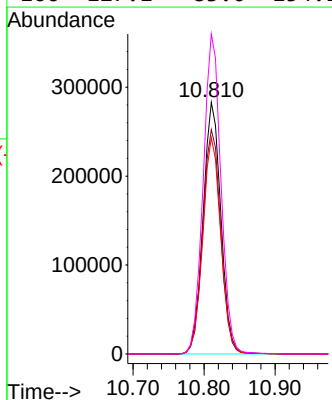
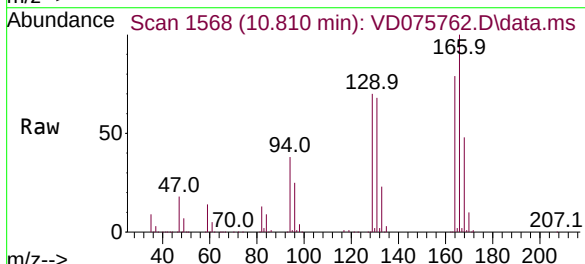
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.2	78.4
83	82.9	54.8	101.8
85	52.3	37.0	68.8

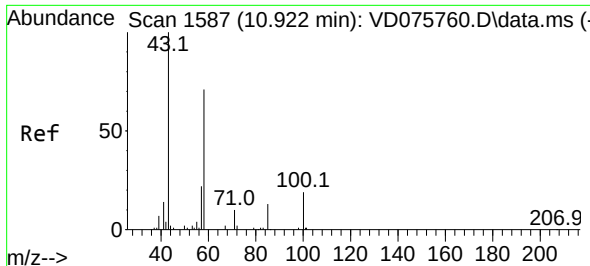


#46
Tetrachloroethene
Concen: 101.983 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 164 Resp: 494241

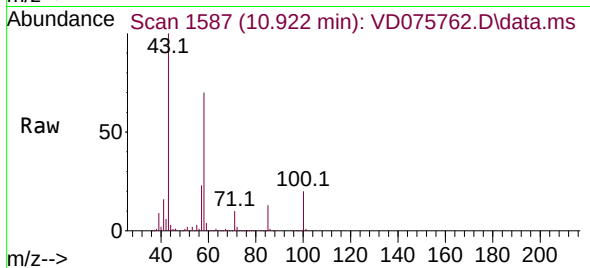
Ion	Ratio	Lower	Upper
164	100		
129	89.1	60.3	112.1
131	85.8	58.9	109.3
166	127.1	83.0	154.1





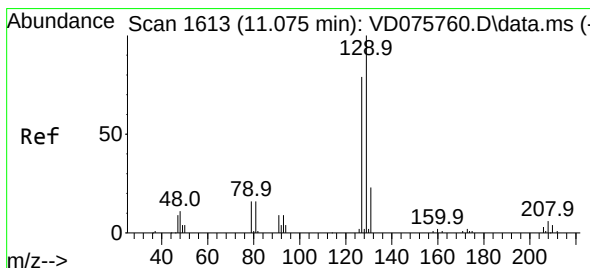
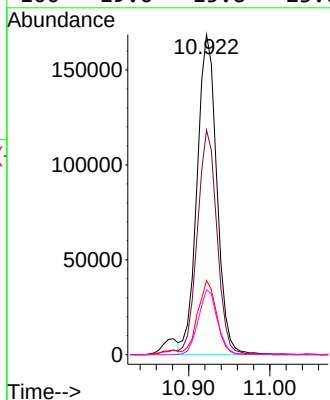
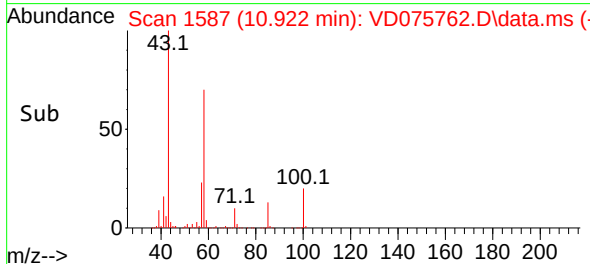
#48
2-Hexanone
Concen: 211.511 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD100127



Tgt Ion: 43 Resp: 285328

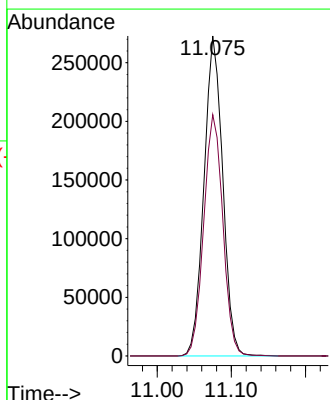
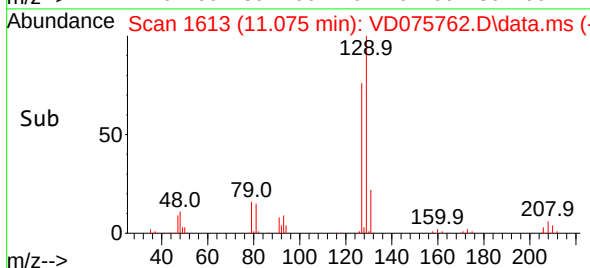
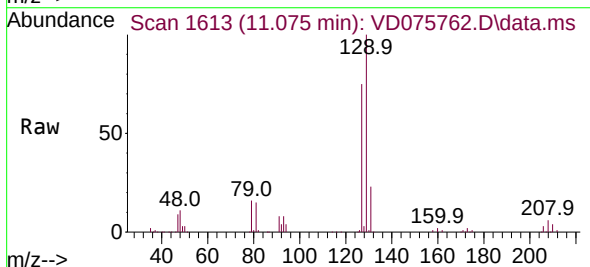
Ion	Ratio	Lower	Upper
43	100		
58	69.6	59.7	89.5
57	22.3	17.9	26.9
100	19.6	15.8	23.6

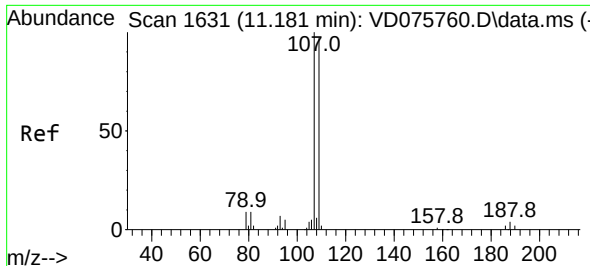


#49
Dibromochloromethane
Concen: 98.485 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion: 129 Resp: 478715

Ion	Ratio	Lower	Upper
129	100		
127	75.4	55.6	103.4

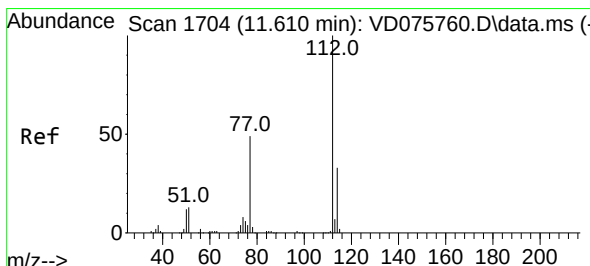
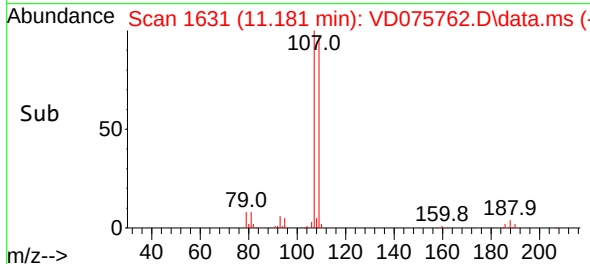
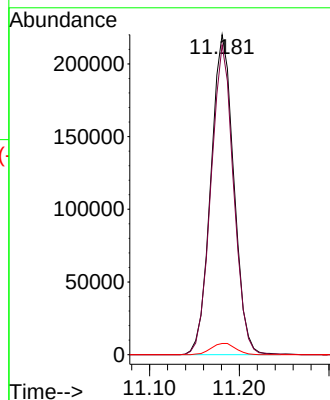
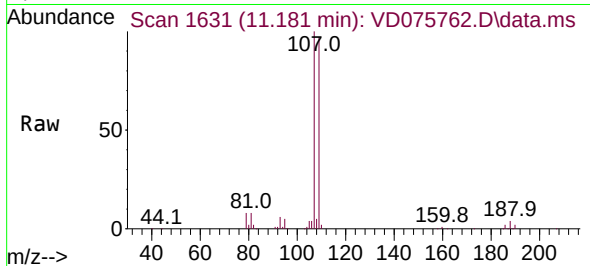




#50
1,2-Dibromoethane
Concen: 97.179 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

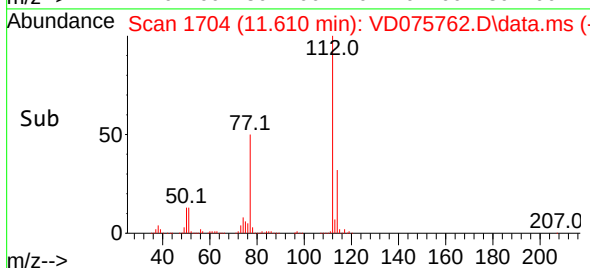
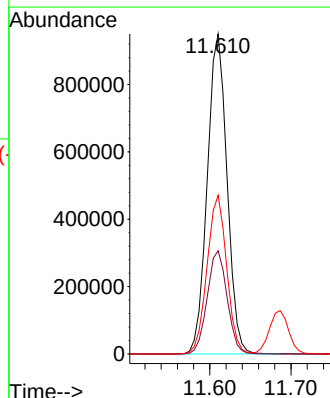
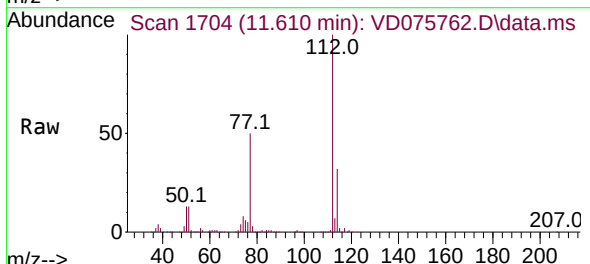
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

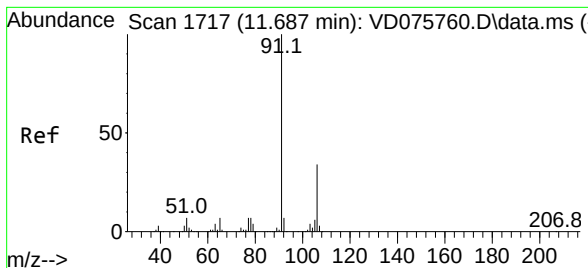
Tgt Ion:107 Resp: 391191
Ion Ratio Lower Upper
107 100
109 96.9 67.6 125.6
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 99.206 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:112 Resp: 1604676
Ion Ratio Lower Upper
112 100
114 32.3 23.0 42.8
77 49.6 39.7 59.5

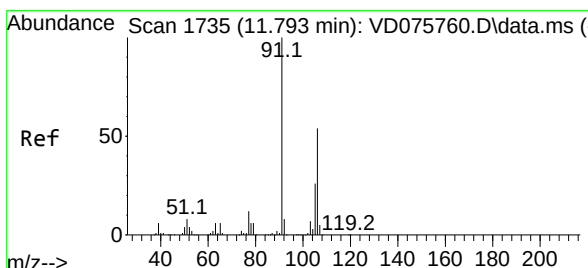
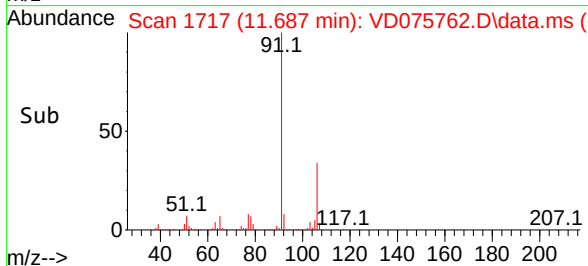
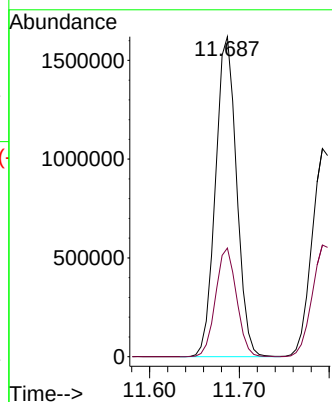
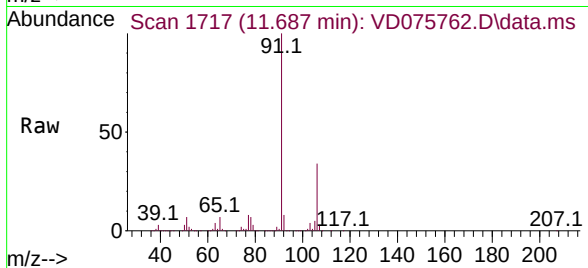




#52
Ethylbenzene
Concen: 104.221 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

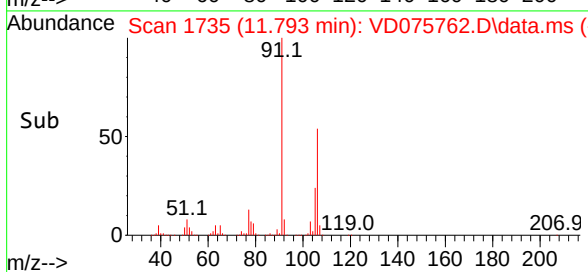
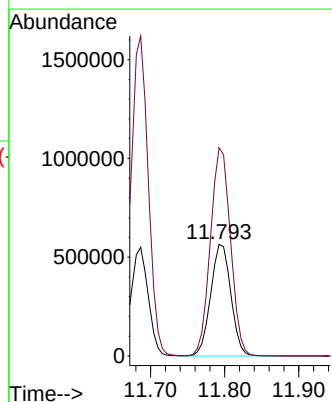
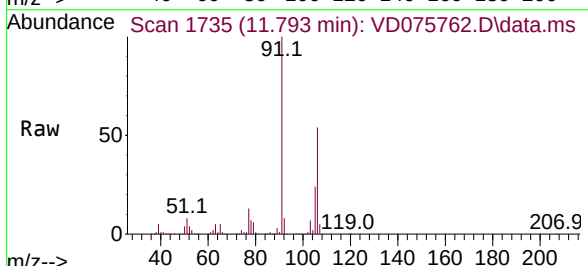
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

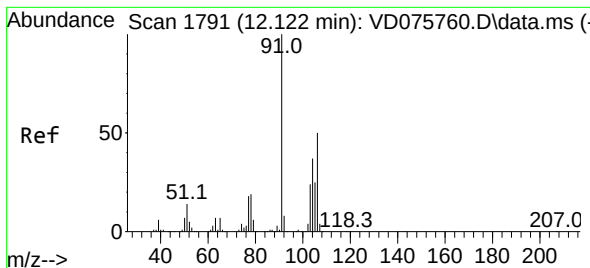
Tgt Ion: 91 Resp: 2642427
Ion Ratio Lower Upper
91 100
106 33.9 23.7 43.9



#53
m,p-Xylene
Concen: 105.878 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:106 Resp: 1068917
Ion Ratio Lower Upper
106 100
91 186.4 130.9 243.1

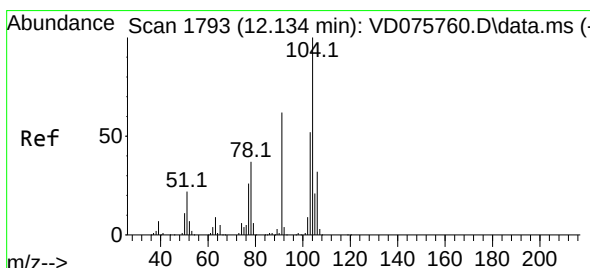
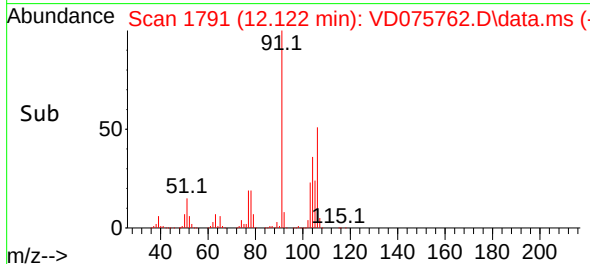
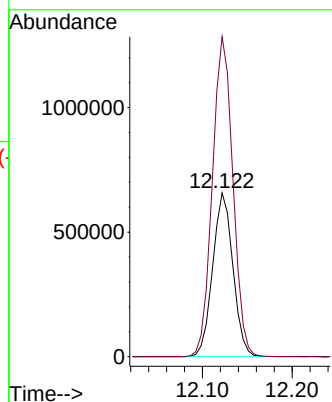
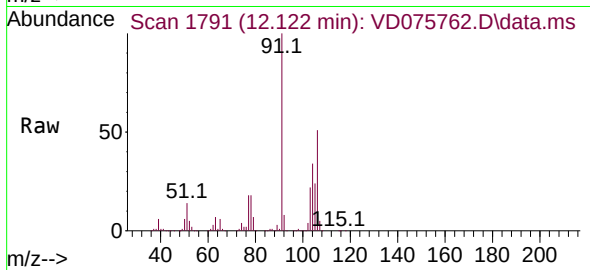




#54
o-Xylene
Concen: 107.280 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

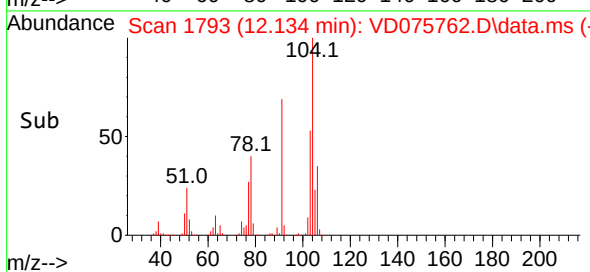
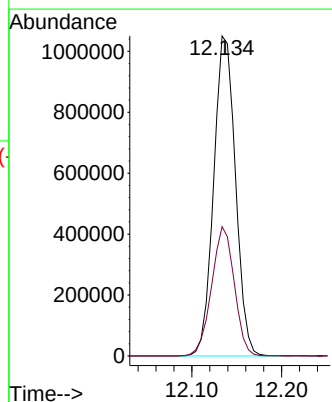
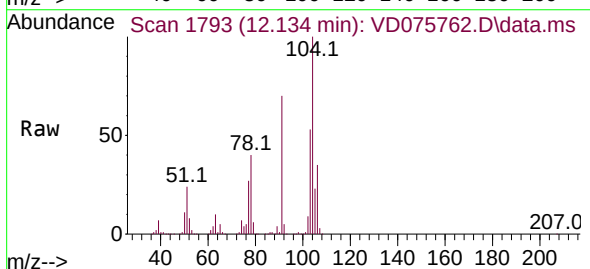
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

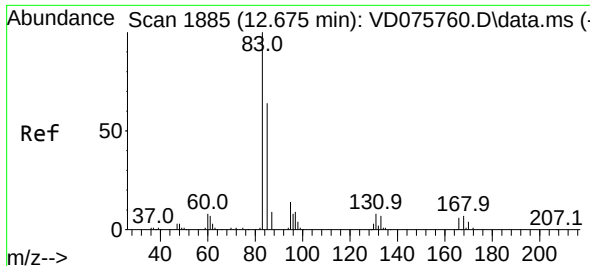
Tgt Ion:106 Resp: 1028707
Ion Ratio Lower Upper
106 100
91 195.3 139.8 259.6



#55
Styrene
Concen: 106.259 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:104 Resp: 1773410
Ion Ratio Lower Upper
104 100
78 40.4 26.2 48.6

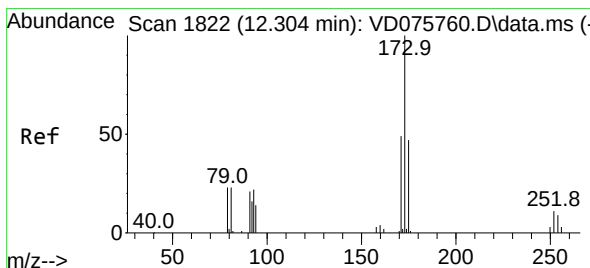
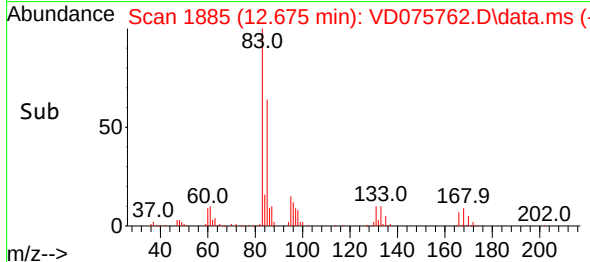
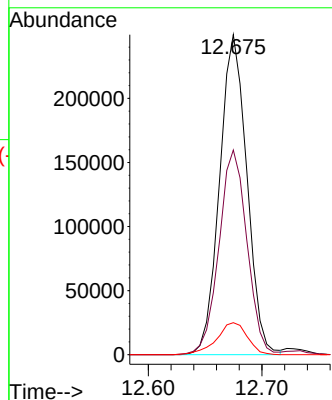
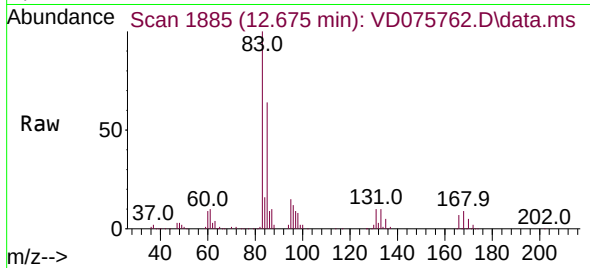




#57
1,1,2,2-Tetrachloroethane
Concen: 91.802 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

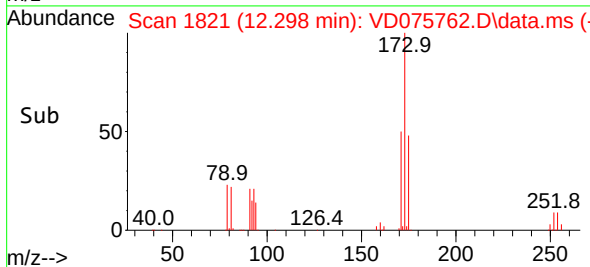
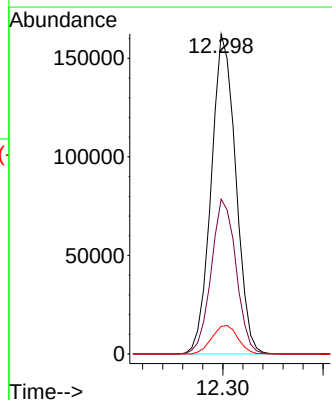
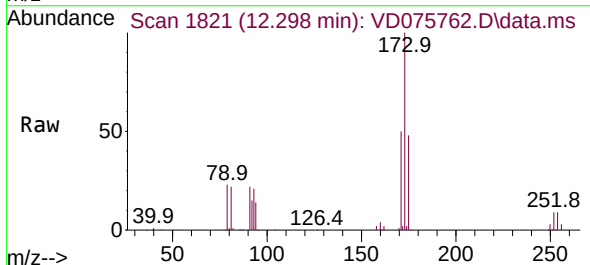
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

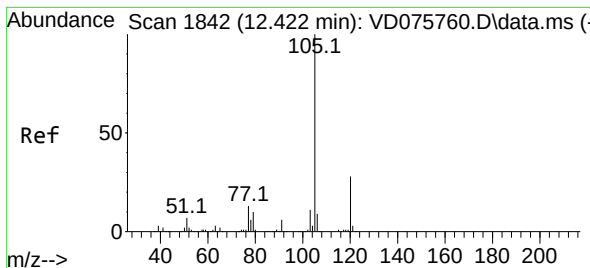
Tgt Ion: 83 Resp: 417059
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
131 10.0 7.0 10.6



#59
Bromoform
Concen: 94.888 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:173 Resp: 275772
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
254 9.4 7.4 11.2





#60

Isopropylbenzene

Concen: 103.346 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD100127

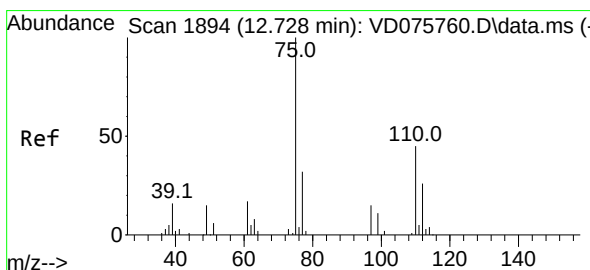
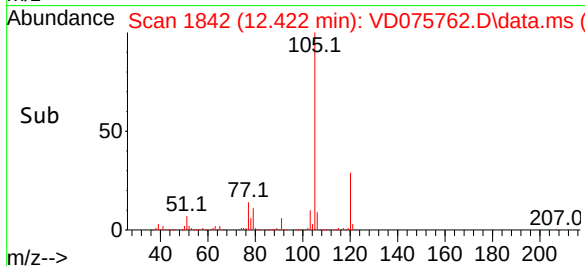
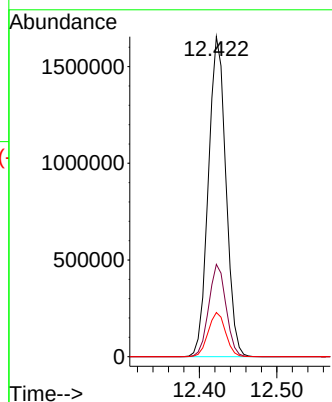
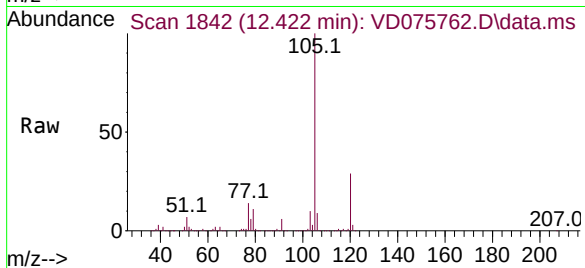
Tgt Ion:105 Resp: 2598605

Ion Ratio Lower Upper

105 100

120 28.3 22.7 34.1

77 13.7 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 88.909 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

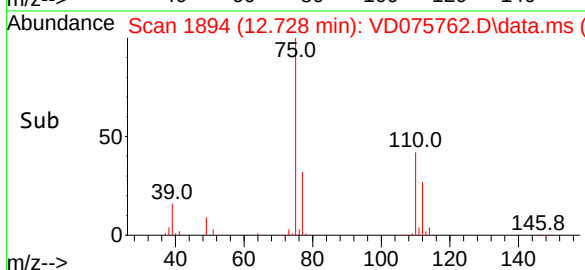
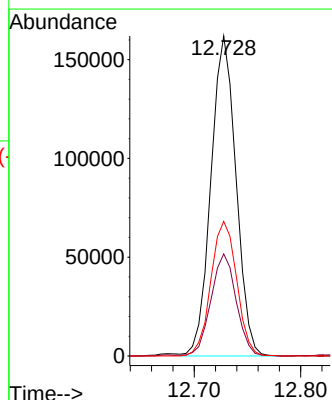
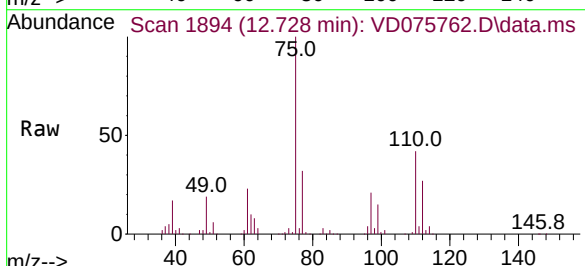
Tgt Ion: 75 Resp: 264851

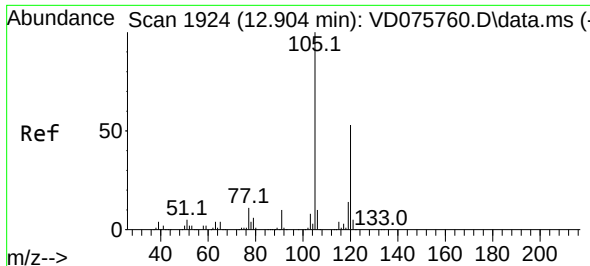
Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

110 43.2 33.5 50.3

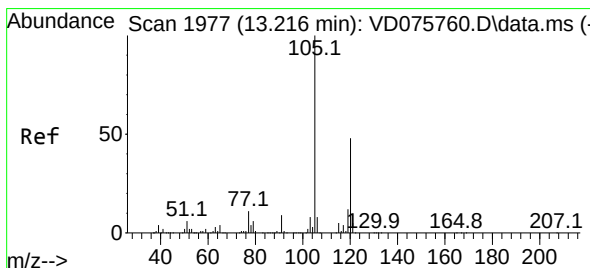
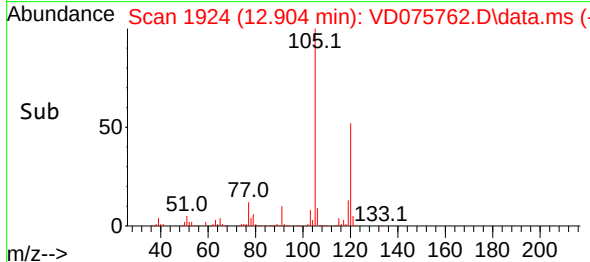
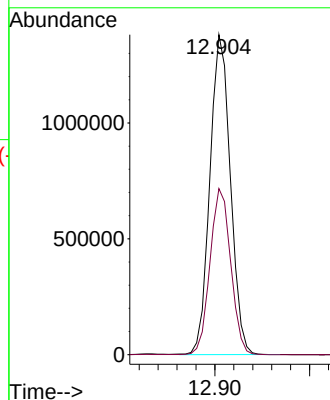
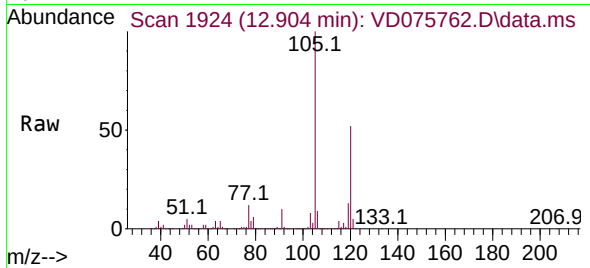




#62
1,3,5-Trimethylbenzene
Concen: 110.460 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

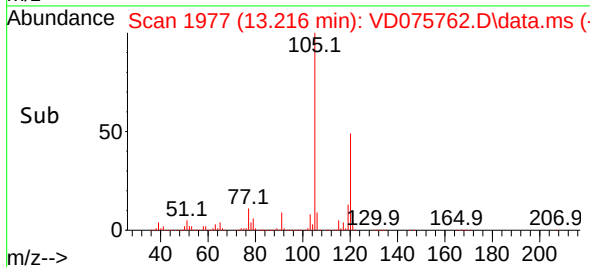
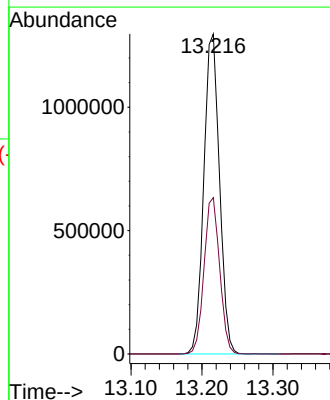
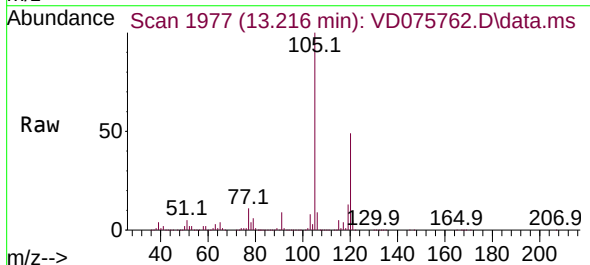
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

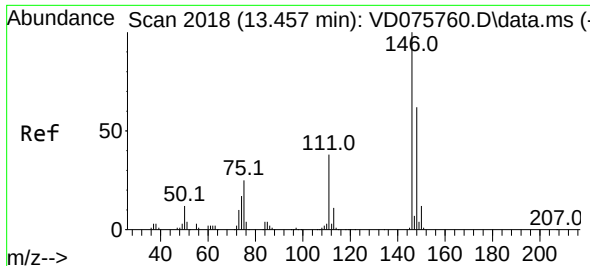
Tgt Ion:105 Resp: 2071113
Ion Ratio Lower Upper
105 100
120 52.5 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 110.347 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:105 Resp: 1994426
Ion Ratio Lower Upper
105 100
120 48.7 39.0 58.6

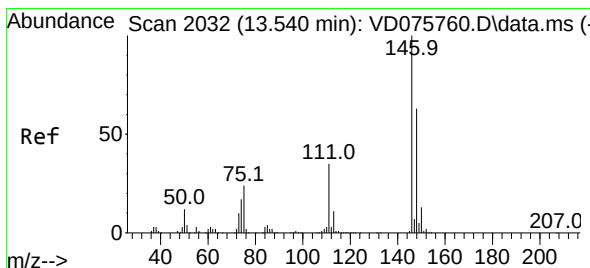
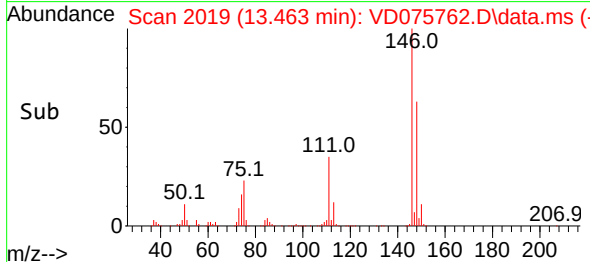
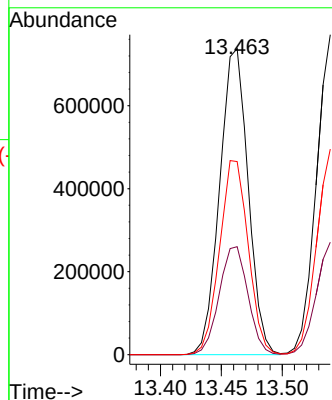
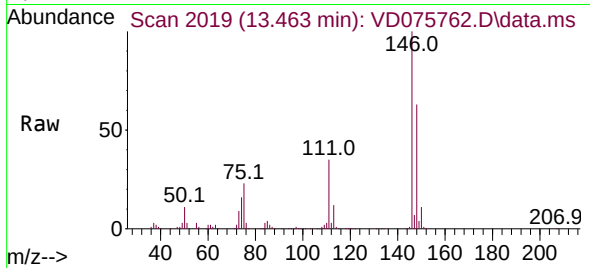




#64
1,3-Dichlorobenzene
Concen: 99.932 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

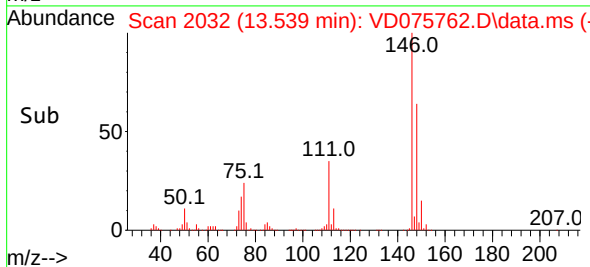
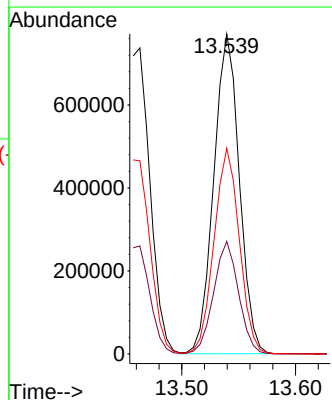
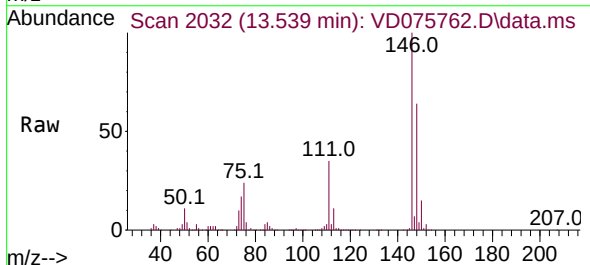
Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

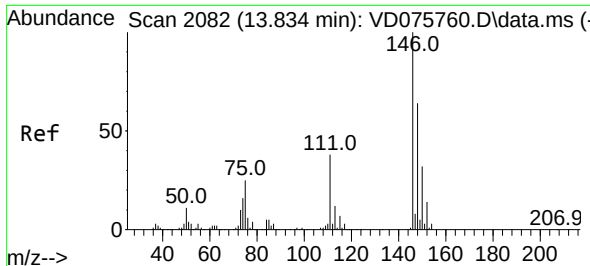
Tgt Ion:146 Resp: 1202277
Ion Ratio Lower Upper
146 100
111 35.3 26.5 49.1
148 63.1 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 95.423 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:146 Resp: 1204885
Ion Ratio Lower Upper
146 100
111 35.2 24.6 45.8
148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 99.187 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD100127

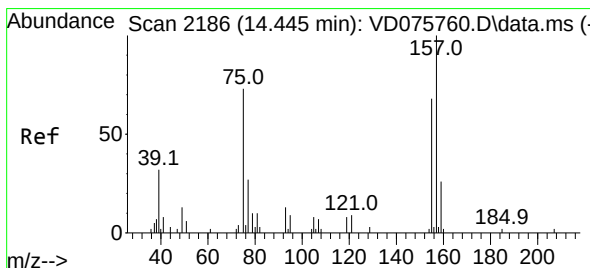
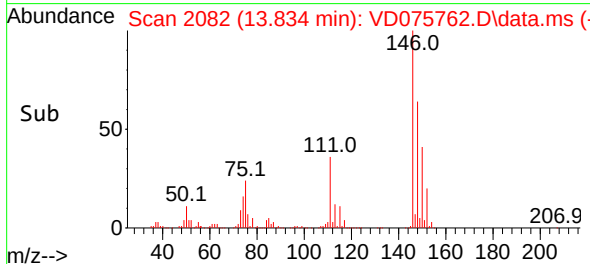
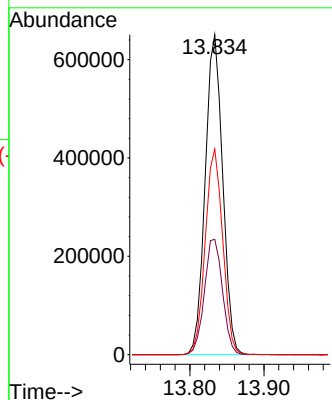
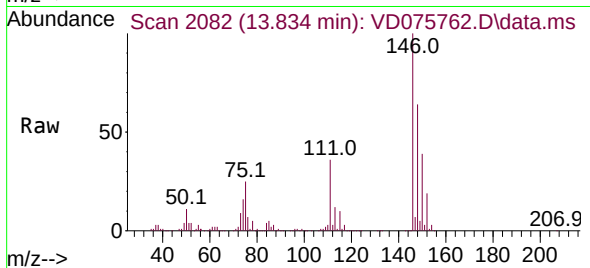
Tgt Ion:146 Resp: 1065658

Ion Ratio Lower Upper

146 100

111 36.1 30.6 46.0

148 64.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 102.002 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075762.D

Acq: 20 Apr 2023 12:30

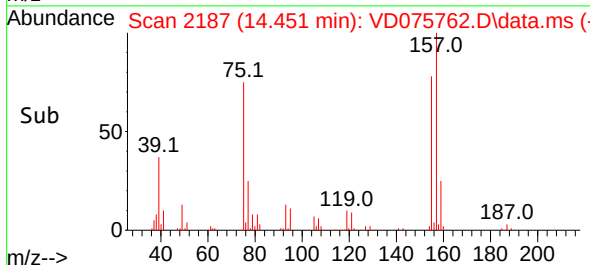
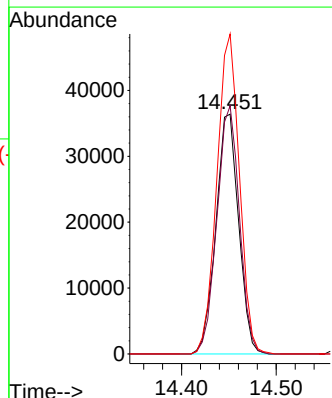
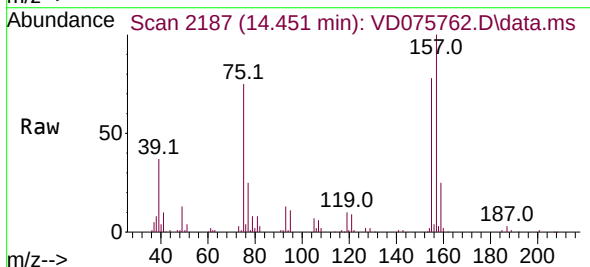
Tgt Ion: 75 Resp: 60744

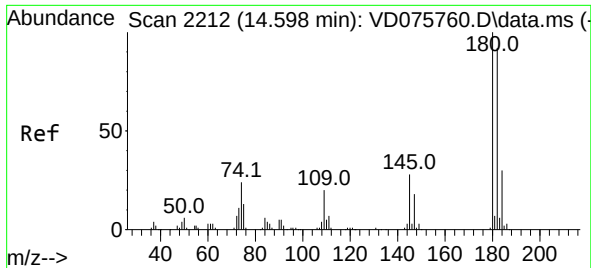
Ion Ratio Lower Upper

75 100

155 103.5 74.6 111.8

157 133.5 109.4 164.2

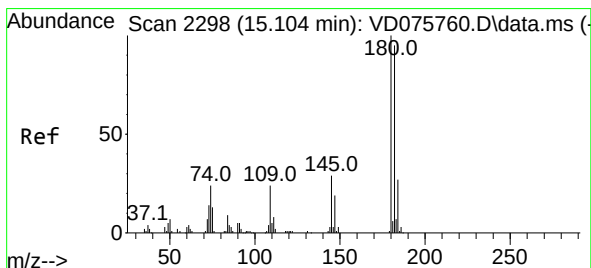
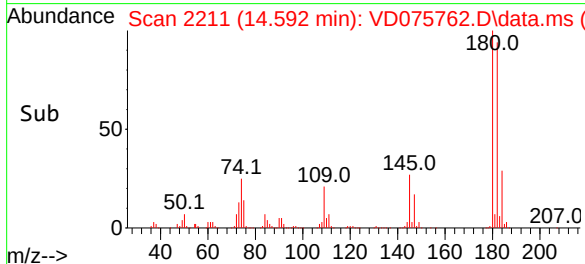
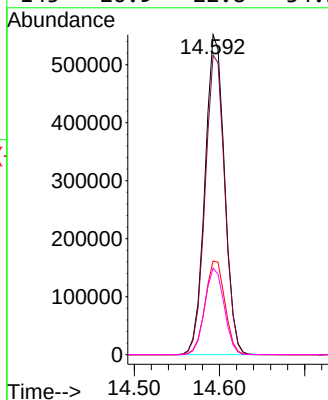
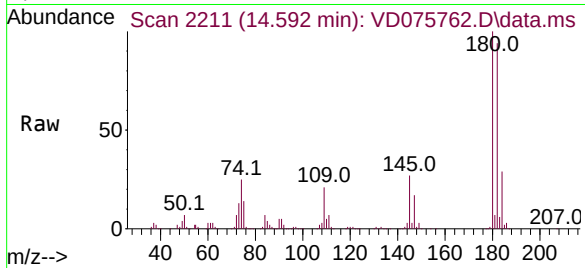




#69
 1,3,5-Trichlorobenzene
 Concen: 109.097 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

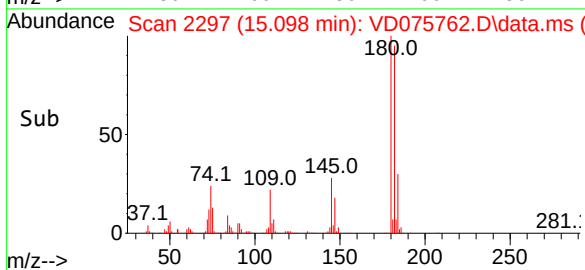
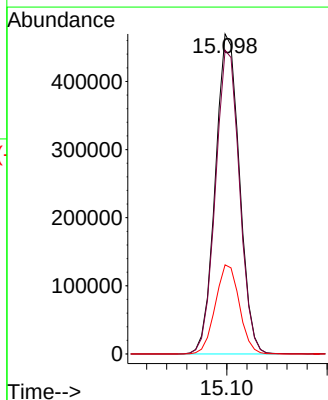
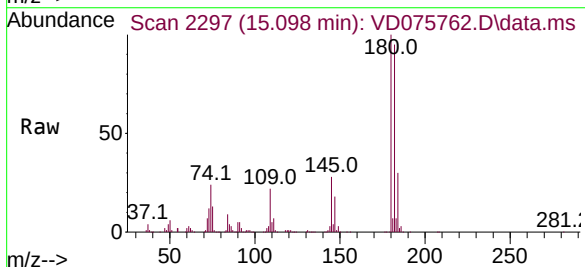
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100127

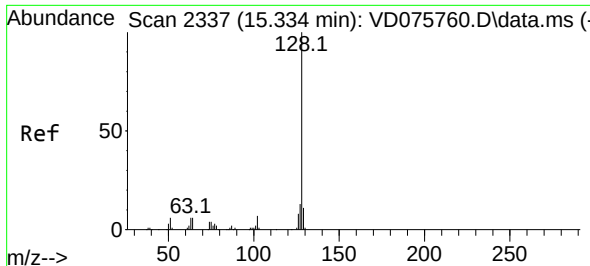
Tgt Ion:180 Resp: 879747
 Ion Ratio Lower Upper
 180 100
 182 94.3 74.9 112.3
 184 29.8 25.0 37.4
 145 26.9 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 117.171 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075762.D
 Acq: 20 Apr 2023 12:30

Tgt Ion:180 Resp: 783010
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.4 113.2
 145 27.7 23.6 35.4

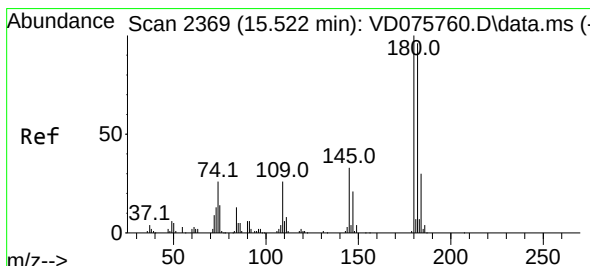
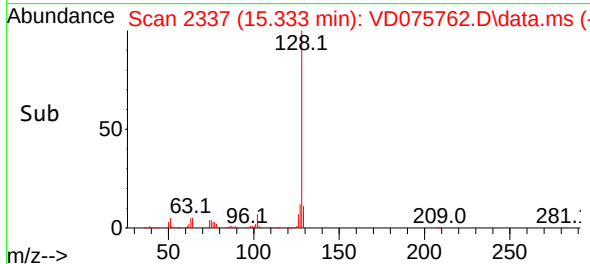
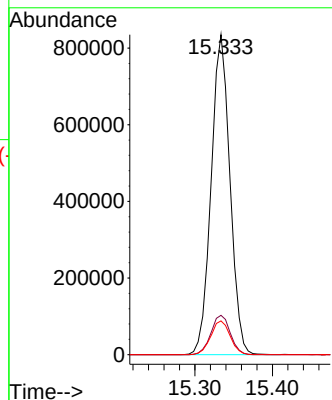
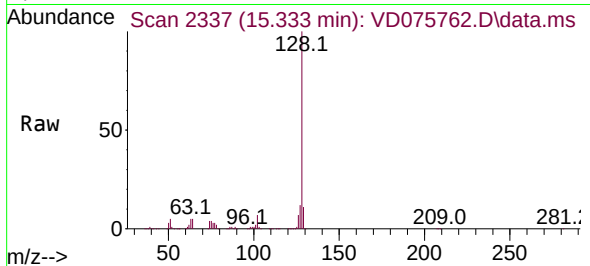




#71
Naphthalene
Concen: 115.042 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD100127

Tgt Ion:128 Resp: 1406873
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 112.311 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075762.D
Acq: 20 Apr 2023 12:30

Tgt Ion:180 Resp: 669955
Ion Ratio Lower Upper
180 100
182 94.6 76.3 114.5
145 29.7 25.0 37.6

