

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040323\
 Data File : VD075563.D
 Acq On : 03 Apr 2023 10:15
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025119

Quant Time: Apr 04 01:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	413902	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	366179	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	227229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	266752	27.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.720%	
7) Chloroethane-d5	2.805	69	242993	28.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.360%	
11) 1,1-Dichloroethene-d2	3.922	63	215713	27.751	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 111.000%#	
21) 2-Butanone-d5	6.987	46	37107	59.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.260%	
24) Chloroform-d	7.569	84	261467	26.794	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.160%	
26) 1,2-Dichloroethane-d4	8.228	65	108364	25.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.240%	
32) Benzene-d6	8.204	84	564668	26.377	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.520%	
36) 1,2-Dichloropropane-d6	9.210	67	151121	26.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.960%	
41) Toluene-d8	10.269	98	538186	26.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.240%	
43) trans-1,3-Dichloroprop...	10.528	79	63816	26.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.320%	
47) 2-Hexanone-d5	10.881	63	34033	50.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.820%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112444	26.309	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 105.240%	
66) 1,2-Dichlorobenzene-d4	13.816	152	202161	25.936	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	86955	22.417	ug/L	97
3) Chloromethane	2.152	50	116810	23.012	ug/L	99
5) Vinyl chloride	2.287	62	177075	22.383	ug/L	99
6) Bromomethane	2.699	94	118648	21.981	ug/L	99
8) Chloroethane	2.840	64	130646	23.705	ug/L	98
9) Trichlorofluoromethane	3.181	101	166640	24.226	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	121474	25.421	ug/L	99
12) 1,1-Dichloroethene	3.940	96	98095	24.849	ug/L	88
13) Acetone	4.016	43	32556	49.464	ug/L	95
14) Carbon disulfide	4.275	76	212082	22.456	ug/L	99
15) Methyl Acetate	4.563	43	28326	25.681	ug/L	99
16) Methylene chloride	4.799	84	112180	19.717	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	104254	24.876	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	212187	26.629	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	175619	24.446	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	130017	26.421	ug/L	98
22) 2-Butanone	7.081	43	39115	49.891	ug/L	99
23) Bromochloromethane	7.428	128	57561	24.808	ug/L	99
25) Chloroform	7.593	83	214867	24.970	ug/L	100

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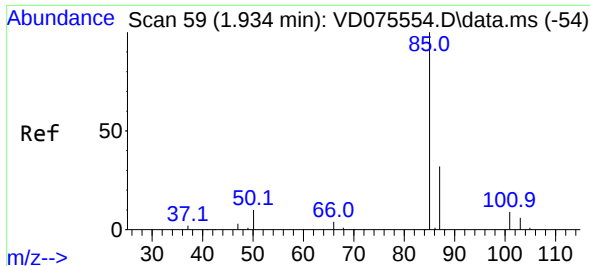
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	105692	23.763	ug/L	98
29) Cyclohexane	7.881	56	110016	24.619	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	179251	24.849	ug/L	98
31) Carbon tetrachloride	7.993	117	144799	24.865	ug/L	100
33) Benzene	8.251	78	442559	23.487	ug/L	100
34) Trichloroethene	9.028	95	120649	22.855	ug/L	98
35) Methylcyclohexane	9.275	83	165232	23.930	ug/L	98
37) 1,2-Dichloropropane	9.304	63	105526	23.804	ug/L	100
38) Bromodichloromethane	9.581	83	157545	24.953	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	173946	24.748	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	83552	50.284	ug/L	99
42) Toluene	10.334	91	511207	24.419	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	146677	24.544	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	98798	24.286	ug/L	97
46) Tetrachloroethene	10.810	164	95244	23.037	ug/L	96
48) 2-Hexanone	10.922	43	59096	52.772	ug/L	99
49) Dibromochloromethane	11.075	129	111463	25.307	ug/L	98
50) 1,2-Dibromoethane	11.181	107	86299	24.212	ug/L	98
51) Chlorobenzene	11.610	112	337667	23.949	ug/L	98
52) Ethylbenzene	11.686	91	548408	24.911	ug/L	98
53) m,p-Xylene	11.792	106	220066	25.493	ug/L	95
54) o-Xylene	12.122	106	210439	25.601	ug/L	99
55) Styrene	12.139	104	376041	25.674	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	104756	24.952	ug/L	95
59) Bromoform	12.304	173	64520	18.360	ug/L	99
60) Isopropylbenzene	12.428	105	574290	19.142	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	64981	18.068	ug/L	97
62) 1,3,5-Trimethylbenzene	12.910	105	520030	22.979	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	517128	23.896	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	326151	24.008	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	332323	23.452	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	290822	23.636	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	15478	21.371	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	210122	25.080	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	169855	25.043	ug/L	99
71) Naphthalene	15.333	128	314576	25.086	ug/L	100
72) 1,2,3-Trichlorobenzene	15.527	180	150348	24.747	ug/L	99

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

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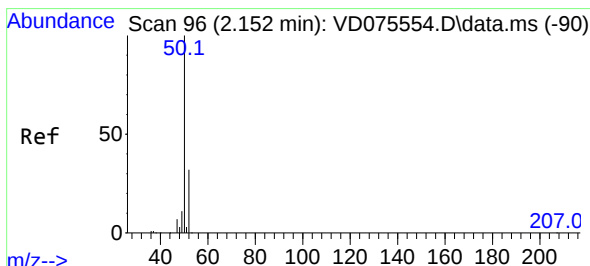
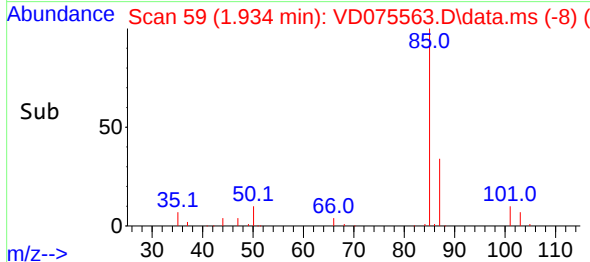
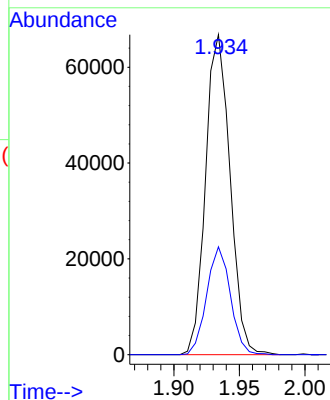
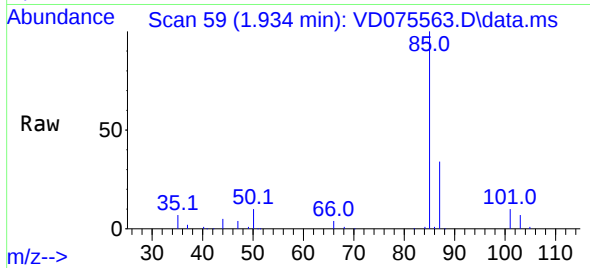




#2
Dichlorodifluoromethane
Concen: 22.417 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

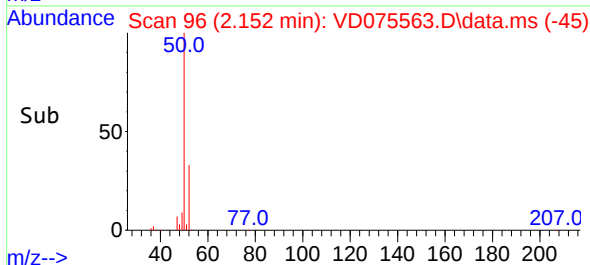
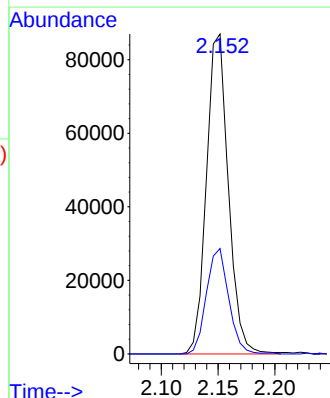
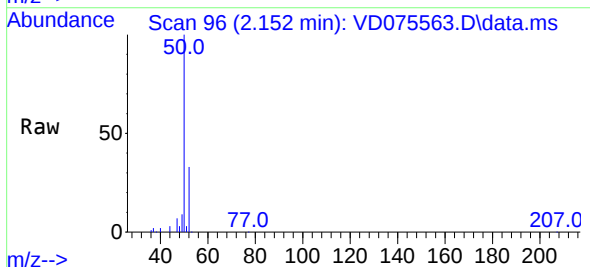
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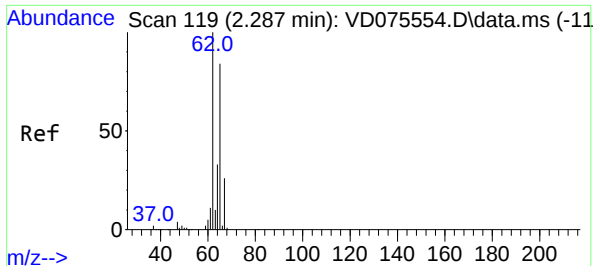
Tgt Ion: 85 Resp: 86955
Ion Ratio Lower Upper
85 100
87 32.6 25.0 37.4



#3
Chloromethane
Concen: 23.012 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 50 Resp: 116810
Ion Ratio Lower Upper
50 100
52 32.9 22.7 42.1

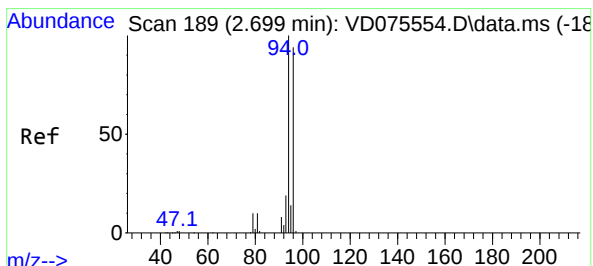
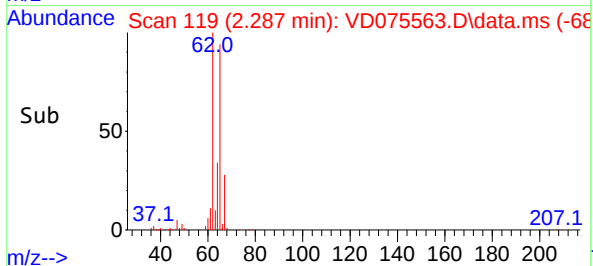
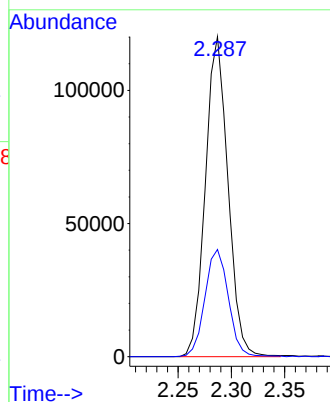
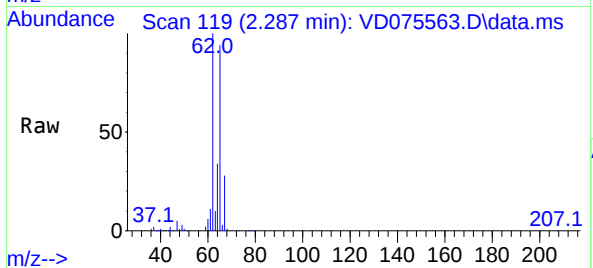




#5
Vinyl chloride
Concen: 22.383 ug/L
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

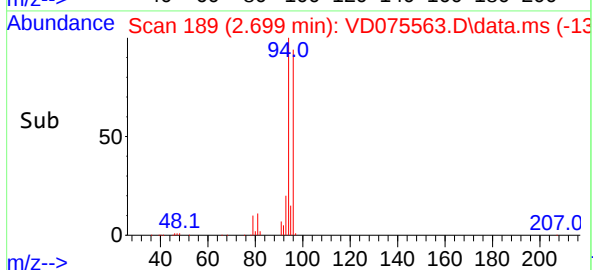
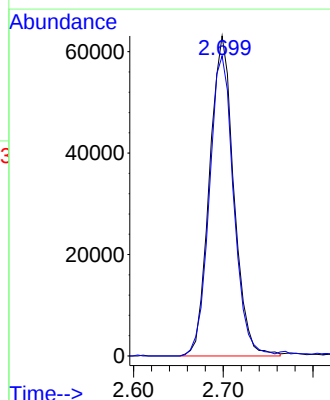
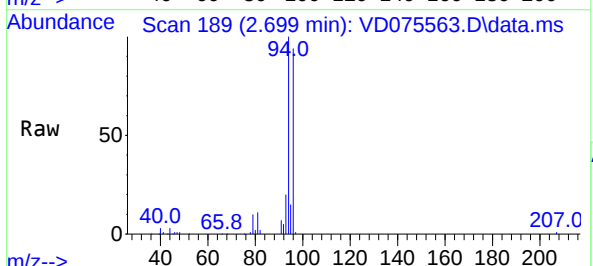
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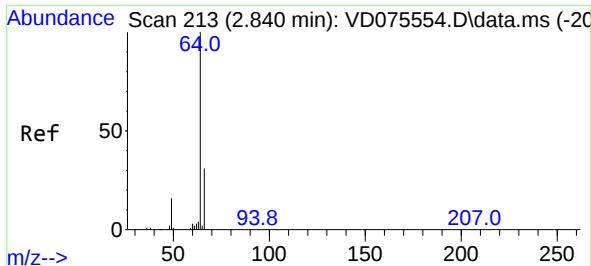
Tgt Ion: 62 Resp: 177075
Ion Ratio Lower Upper
62 100
64 33.5 23.1 42.9



#6
Bromomethane
Concen: 21.981 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 94 Resp: 118648
Ion Ratio Lower Upper
94 100
96 93.8 66.1 122.7

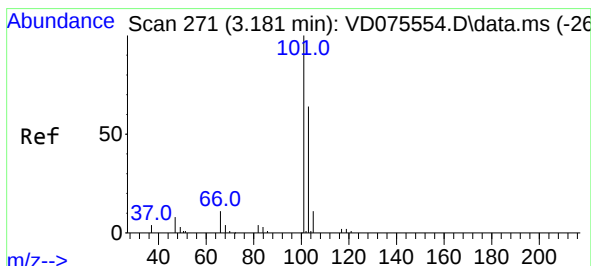
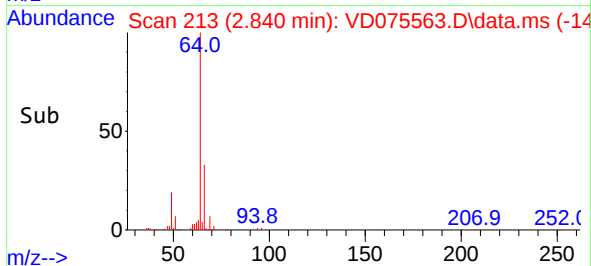
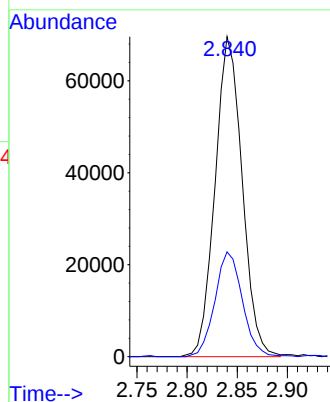
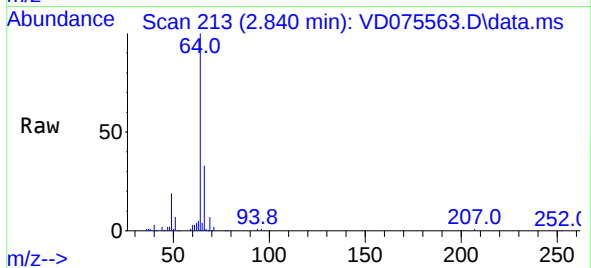




#8
Chloroethane
Concen: 23.705 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

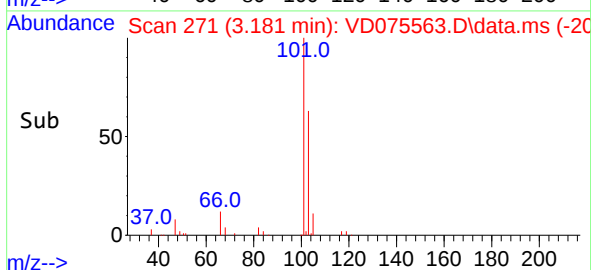
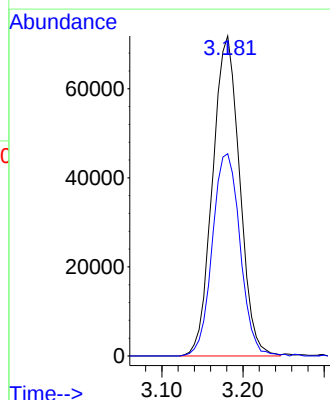
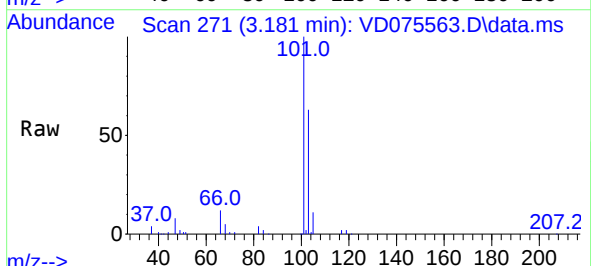
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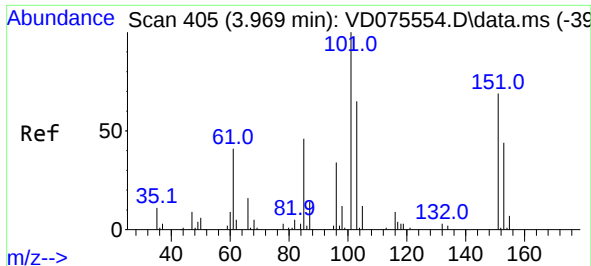
Tgt Ion: 64 Resp: 130646
Ion Ratio Lower Upper
64 100
66 32.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.226 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:101 Resp: 166640
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

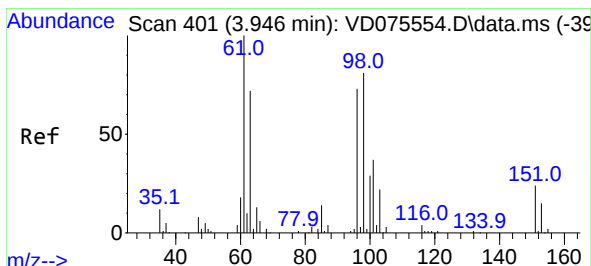
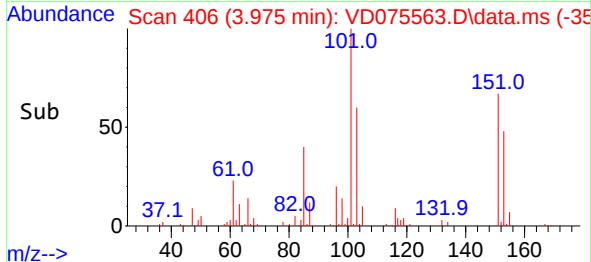
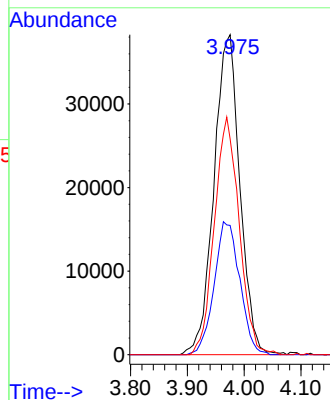
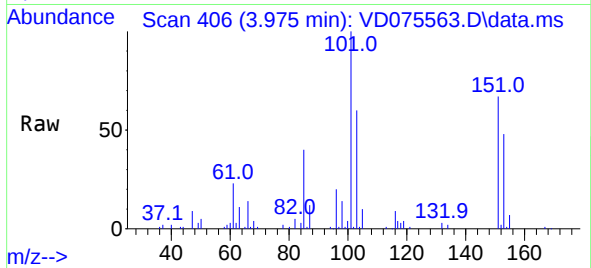




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.421 ug/L
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

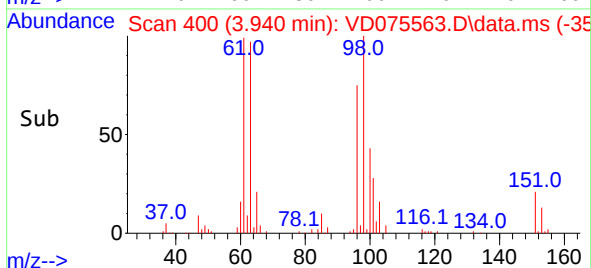
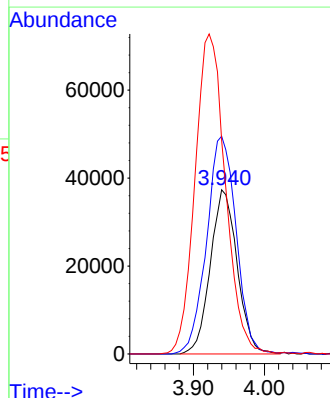
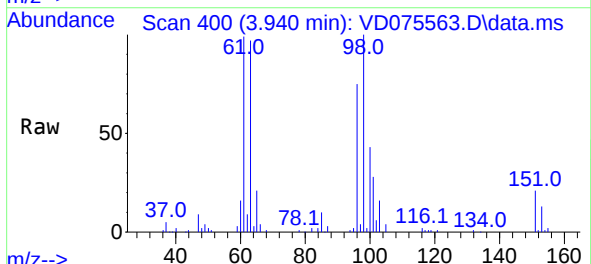
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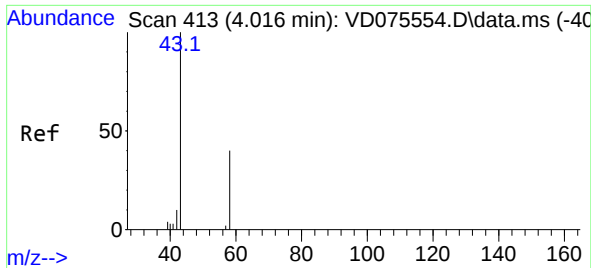
Tgt Ion:101 Resp: 121474
Ion Ratio Lower Upper
101 100
85 41.0 33.4 50.0
151 71.0 55.8 83.8



#12
1,1-Dichloroethene
Concen: 24.849 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 96 Resp: 98095
Ion Ratio Lower Upper
96 100
61 132.5 96.7 179.7
63 130.0 76.0 141.2

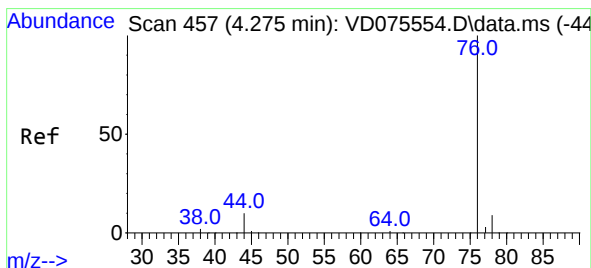
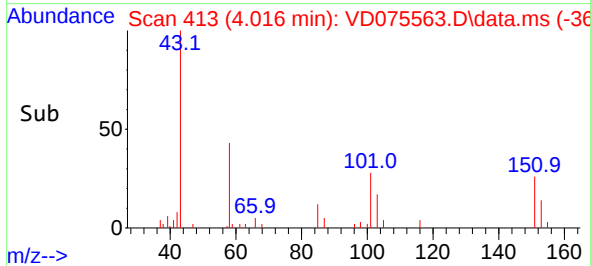
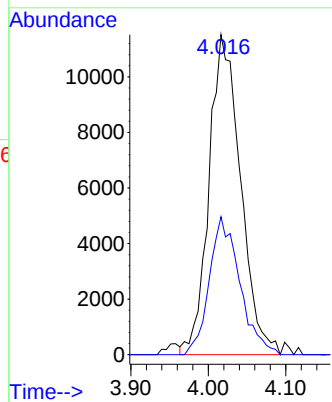
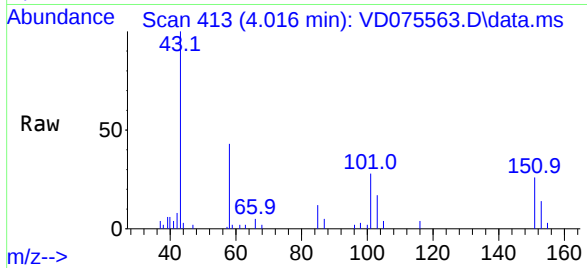




#13
Acetone
Concen: 49.464 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

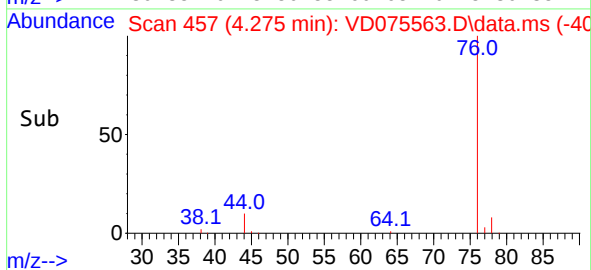
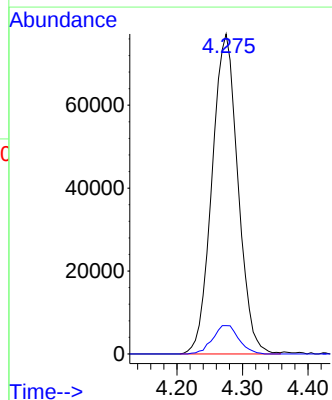
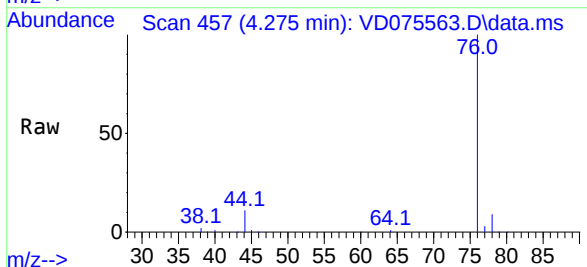
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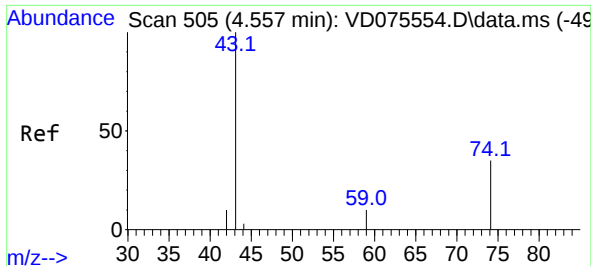
Tgt Ion: 43 Resp: 32556
Ion Ratio Lower Upper
43 100
58 41.7 0.0 77.4



#14
Carbon disulfide
Concen: 22.456 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 76 Resp: 212082
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

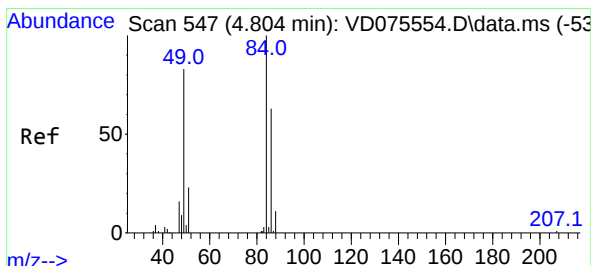
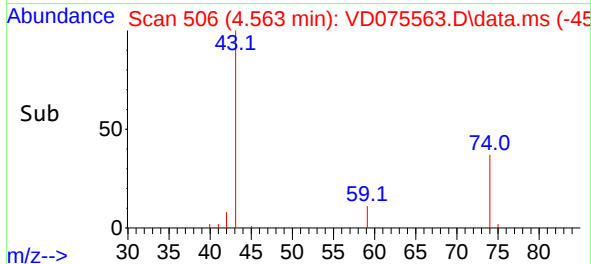
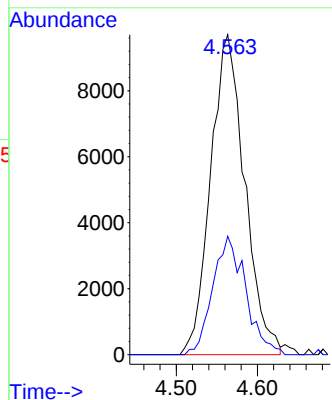
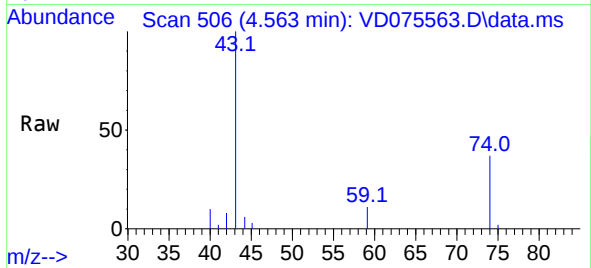




#15
Methyl Acetate
Concen: 25.681 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

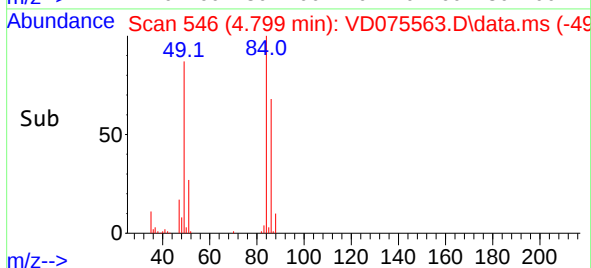
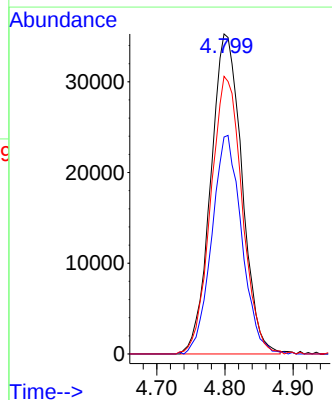
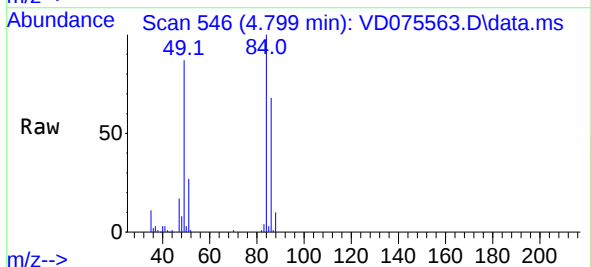
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

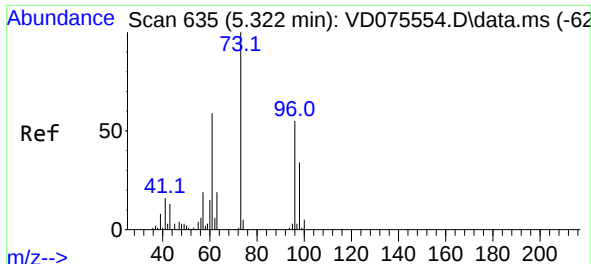
Tgt Ion: 43 Resp: 28326
Ion Ratio Lower Upper
43 100
74 35.7 29.0 43.4



#16
Methylene chloride
Concen: 19.717 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 84 Resp: 112180
Ion Ratio Lower Upper
84 100
86 67.8 44.4 82.4
49 86.7 58.5 108.7

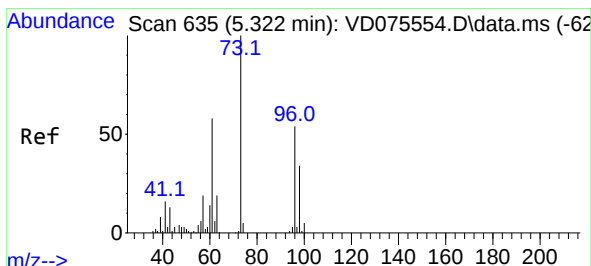
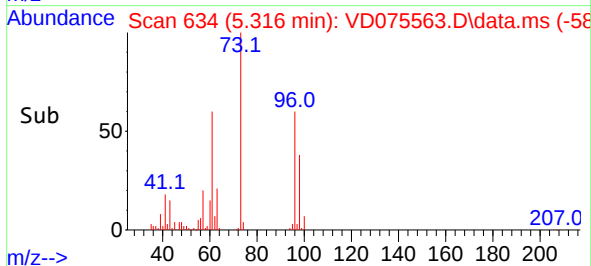
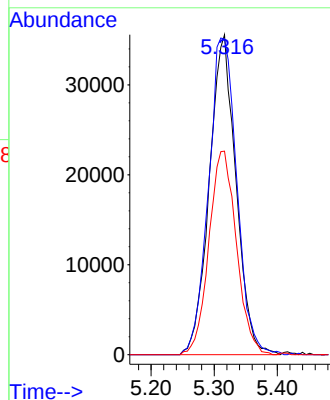
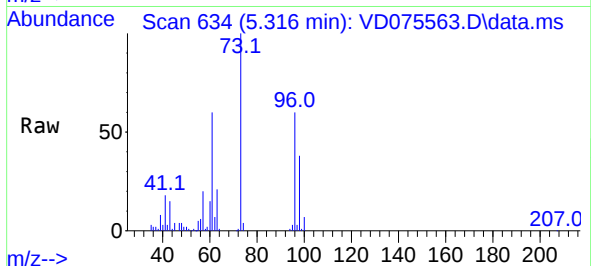




#17
trans-1,2-Dichloroethene
Concen: 24.876 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

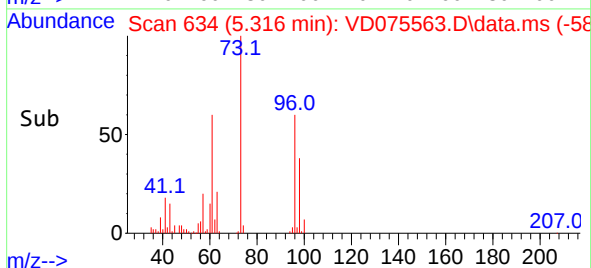
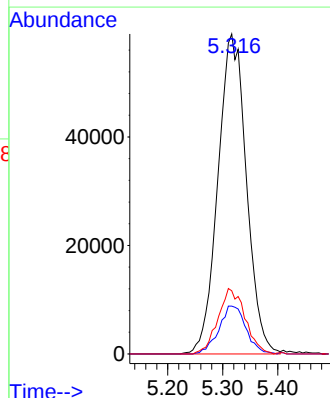
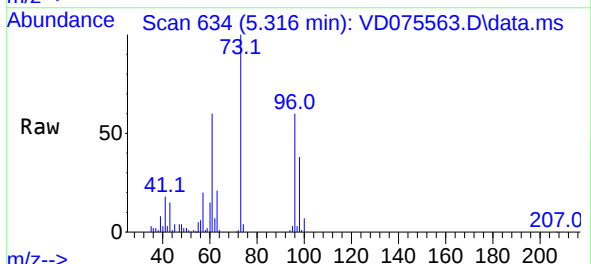
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

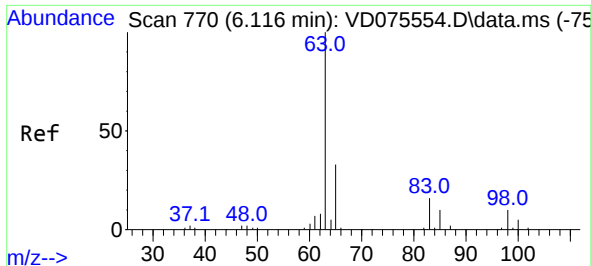
Tgt Ion: 96 Resp: 104254
Ion Ratio Lower Upper
96 100
61 98.7 75.4 140.0
98 63.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 26.629 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 73 Resp: 212187
Ion Ratio Lower Upper
73 100
43 14.3 11.4 17.0
57 12.3 15.8 23.6#

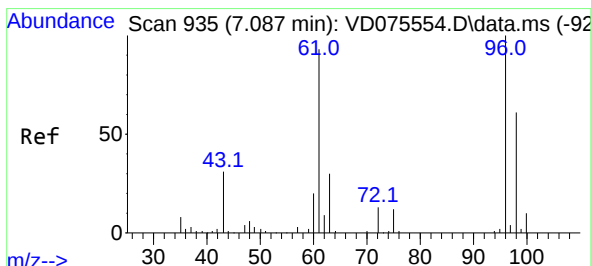
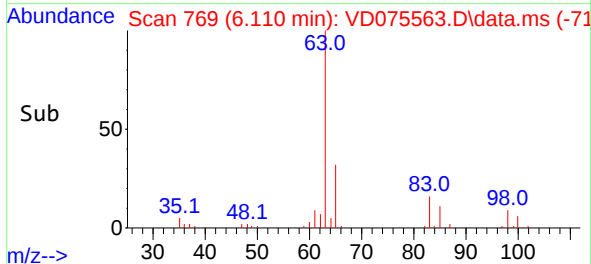
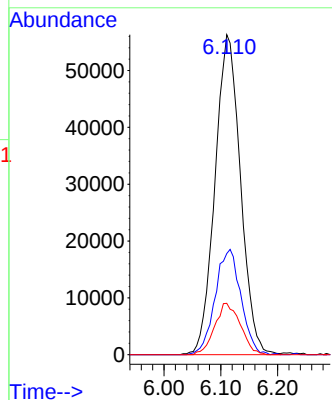
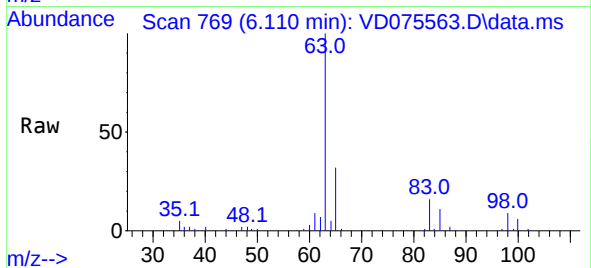




#19
1,1-Dichloroethane
Concen: 24.446 ug/L
RT: 6.110 min Scan# 770
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

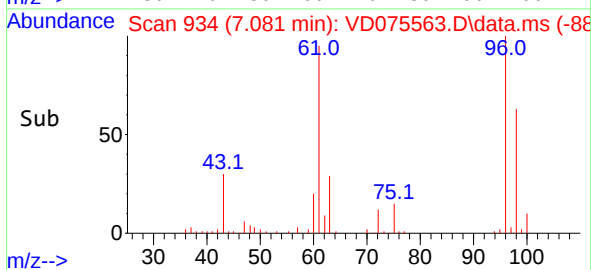
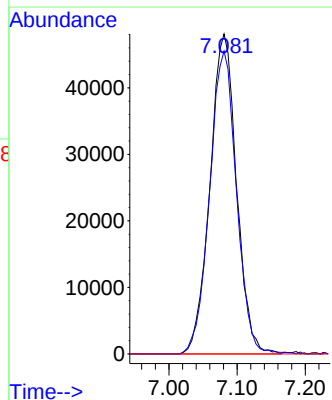
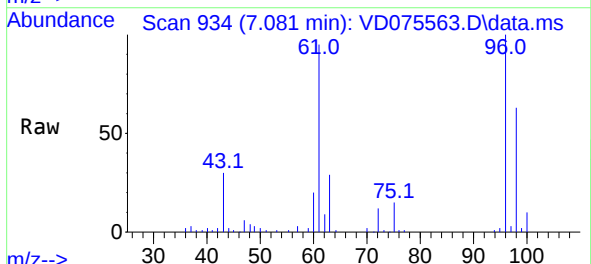
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

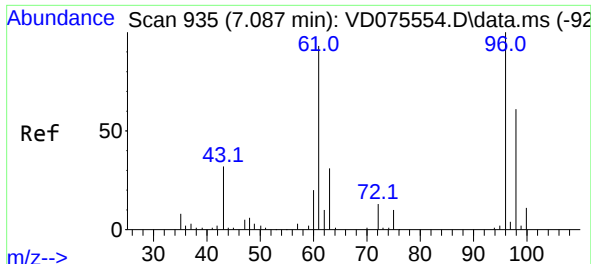
Tgt Ion: 63 Resp: 175619
Ion Ratio Lower Upper
63 100
65 31.6 23.1 42.9
83 16.1 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 26.421 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 96 Resp: 130017
Ion Ratio Lower Upper
96 100
61 94.7 64.8 120.4
68 0.0 0.0 0.0

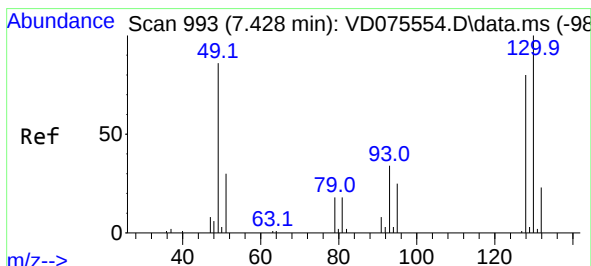
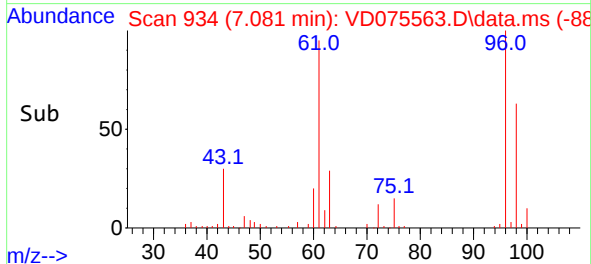
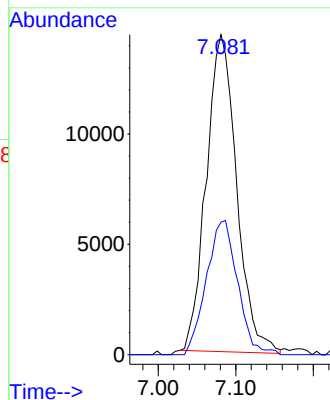
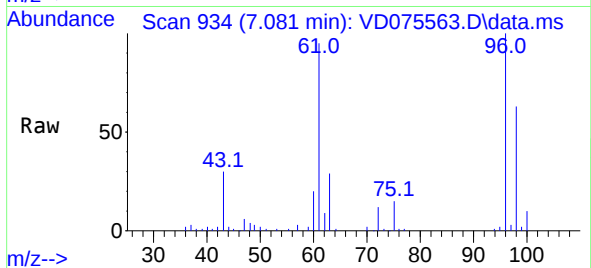




#22
2-Butanone
Concen: 49.891 ug/L
RT: 7.081 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

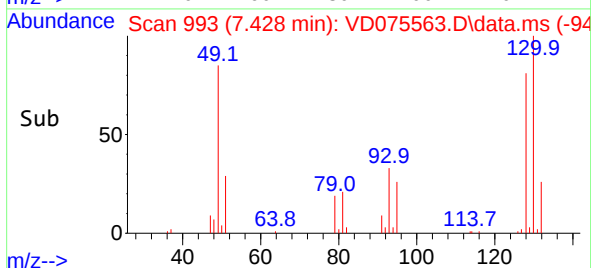
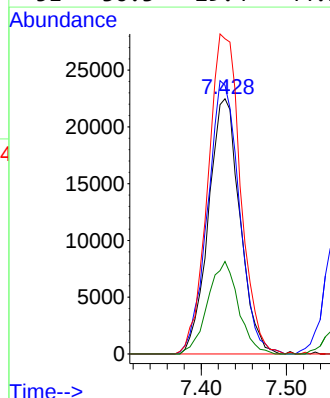
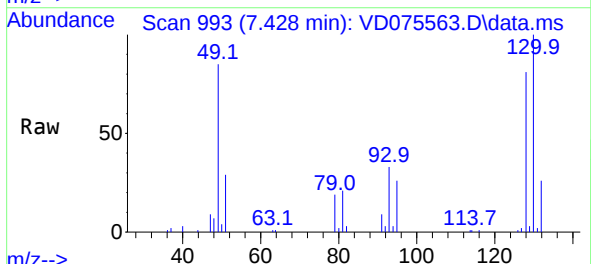
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

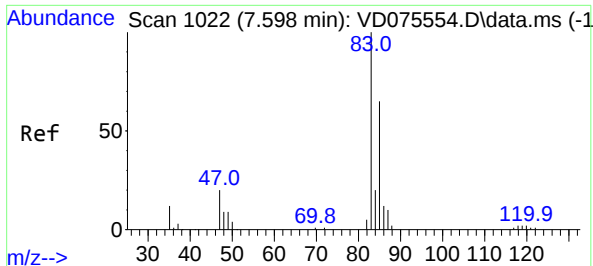
Tgt Ion: 43 Resp: 39115
Ion Ratio Lower Upper
43 100
72 43.2 21.3 63.9



#23
Bromochloromethane
Concen: 24.808 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:128 Resp: 57561
Ion Ratio Lower Upper
128 100
49 105.2 75.0 139.4
130 123.5 87.4 162.2
51 36.3 29.4 44.2





#25

Chloroform

Concen: 24.970 ug/L

RT: 7.593 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD075563.D

Acq: 03 Apr 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

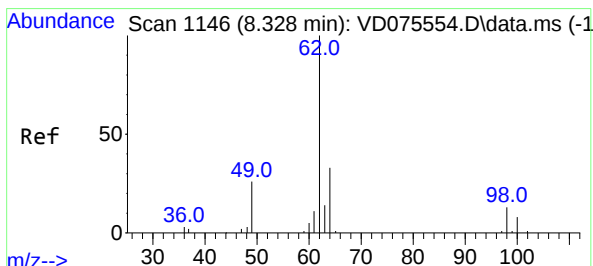
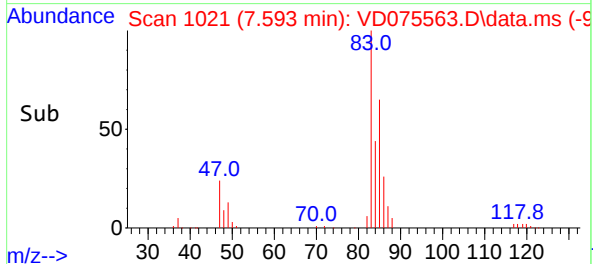
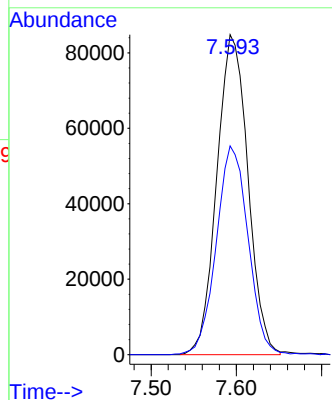
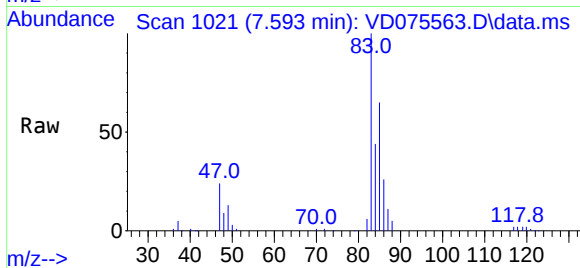
VSTD025119

Tgt Ion: 83 Resp: 214867

Ion Ratio Lower Upper

83 100

85 65.3 45.8 85.0



#27

1,2-Dichloroethane

Concen: 23.763 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075563.D

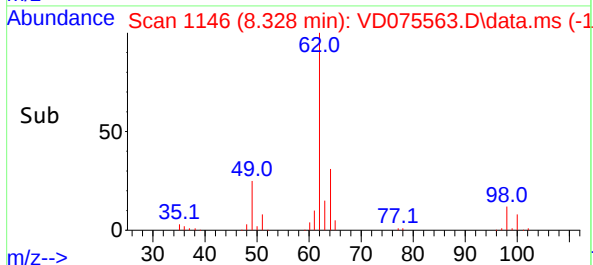
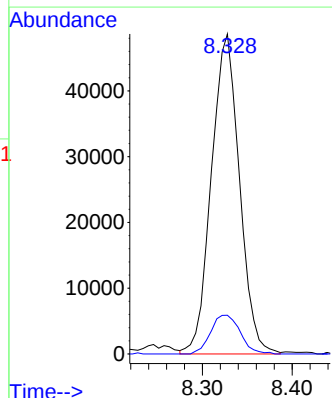
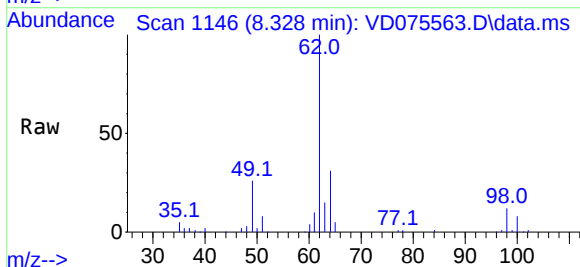
Acq: 03 Apr 2023 10:15

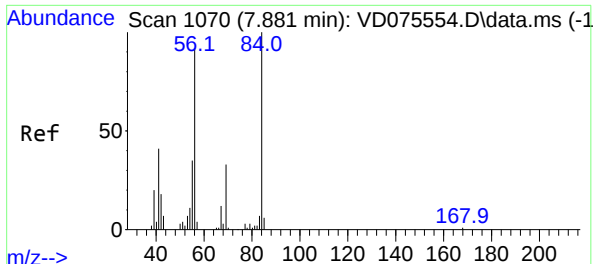
Tgt Ion: 62 Resp: 105692

Ion Ratio Lower Upper

62 100

98 12.1 10.5 15.7





#29

Cyclohexane

Concen: 24.619 ug/L

RT: 7.881 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VD075563.D

Acq: 03 Apr 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

VSTD025119

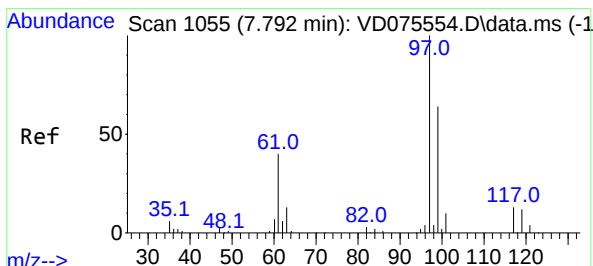
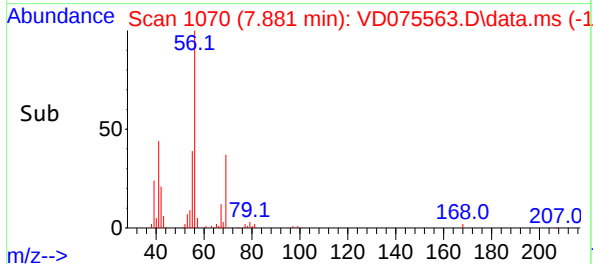
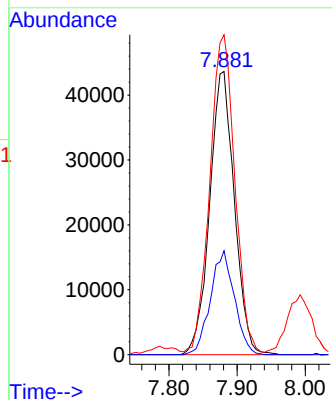
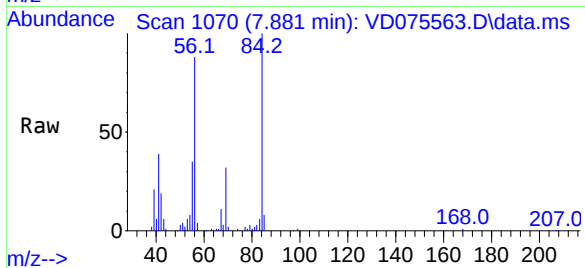
Tgt Ion: 56 Resp: 110016

Ion Ratio Lower Upper

56 100

69 35.6 28.3 42.5

84 114.6 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 24.849 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075563.D

Acq: 03 Apr 2023 10:15

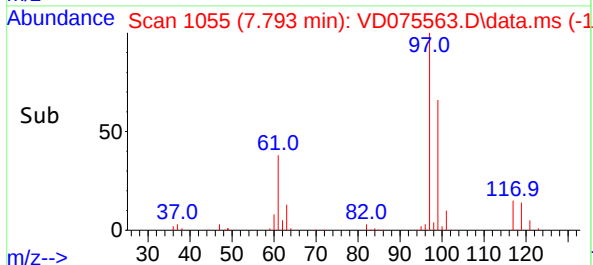
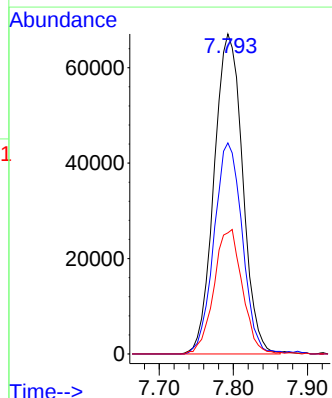
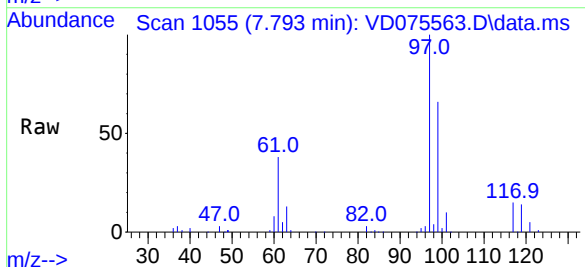
Tgt Ion: 97 Resp: 179251

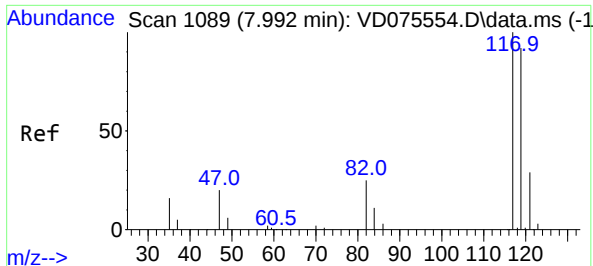
Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.2

61 38.7 32.2 48.2

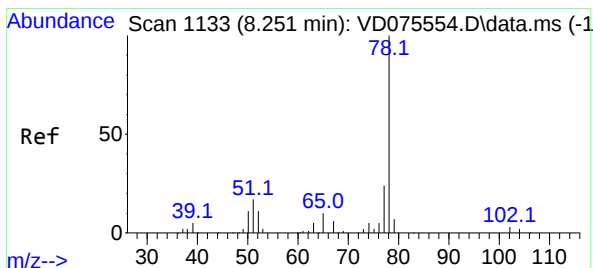
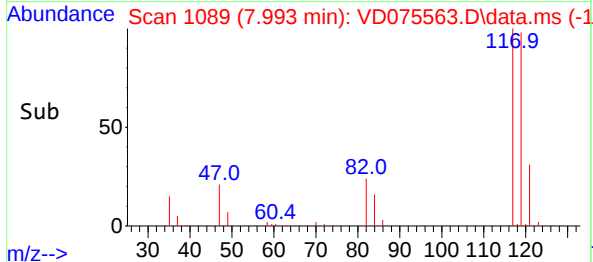
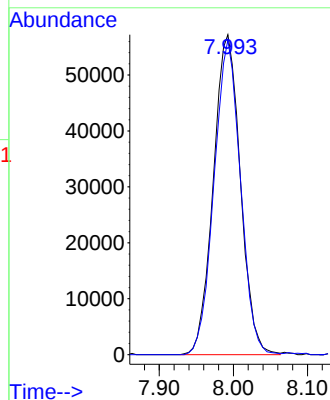
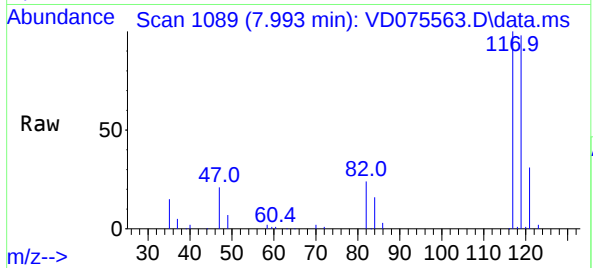




#31
Carbon tetrachloride
Concen: 24.865 ug/L
RT: 7.993 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

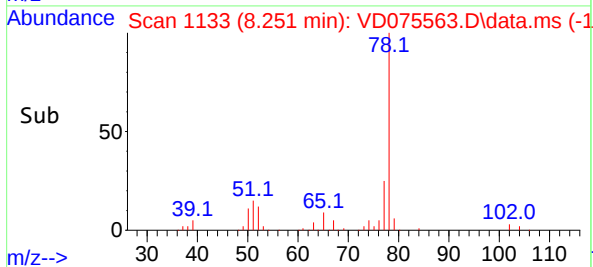
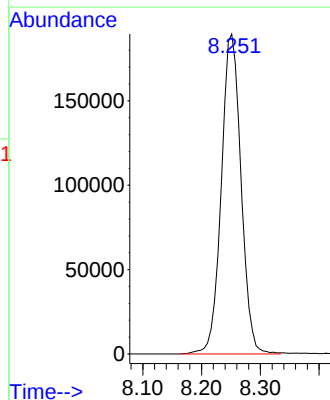
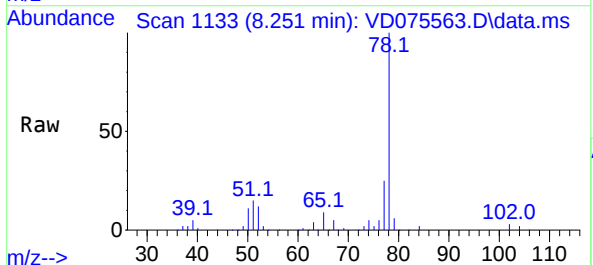
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

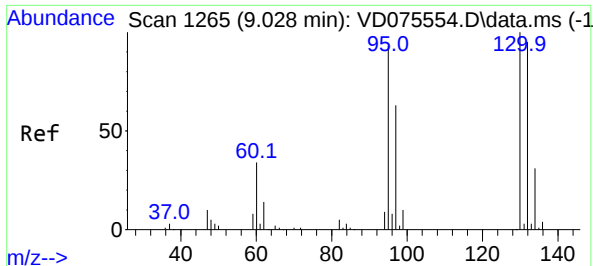
Tgt Ion:117 Resp: 144799
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6



#33
Benzene
Concen: 23.487 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 78 Resp: 442559

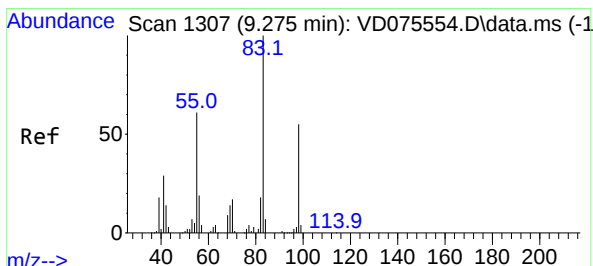
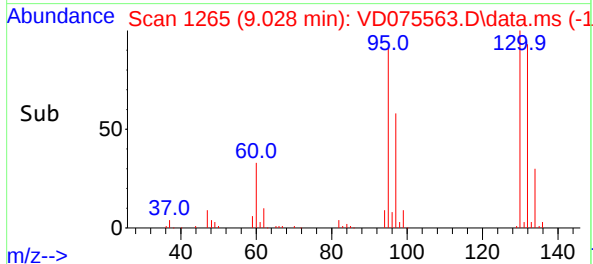
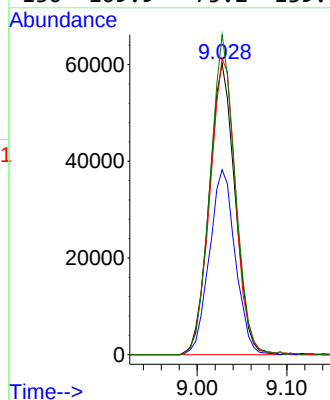
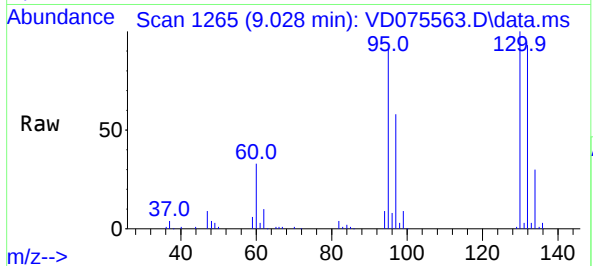




#34
Trichloroethene
Concen: 22.855 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

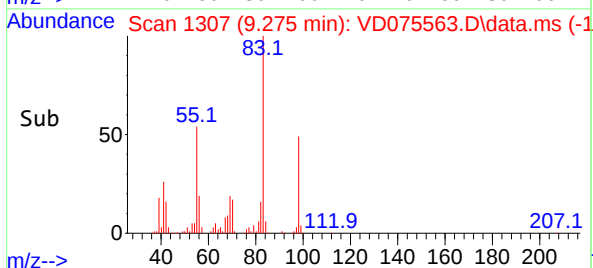
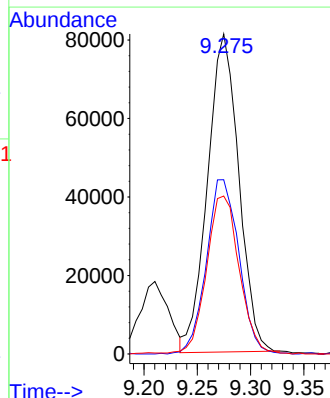
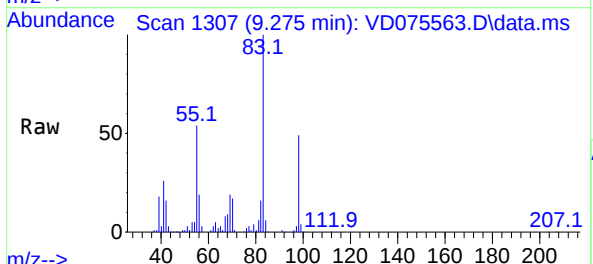
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

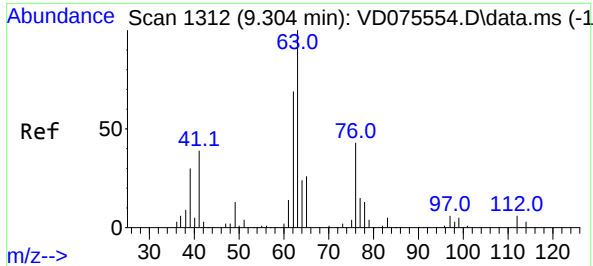
Tgt Ion: 95 Resp: 120649
Ion Ratio Lower Upper
95 100
97 63.5 47.0 87.2
132 101.7 71.2 132.2
130 109.9 75.2 139.6



#35
Methylcyclohexane
Concen: 23.930 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 83 Resp: 165232
Ion Ratio Lower Upper
83 100
55 57.0 46.9 70.3
98 52.1 40.8 61.2

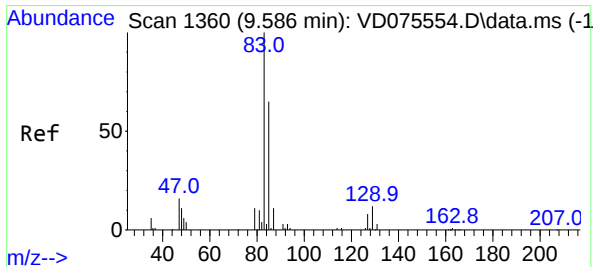
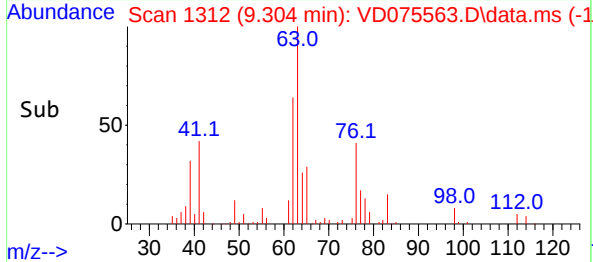
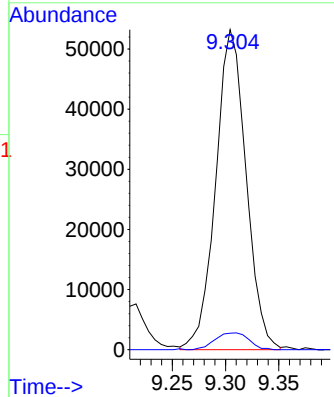
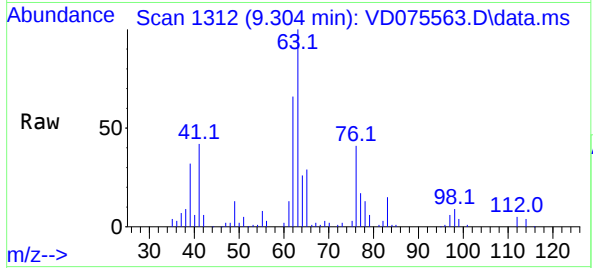




#37
1,2-Dichloropropane
Concen: 23.804 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

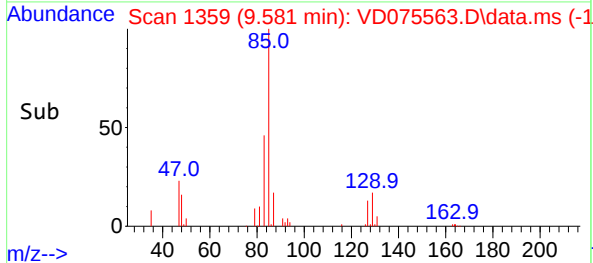
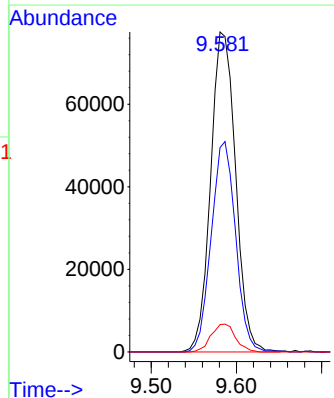
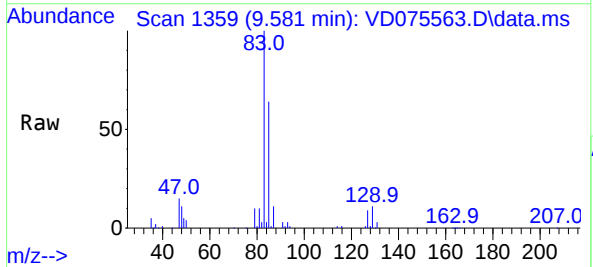
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

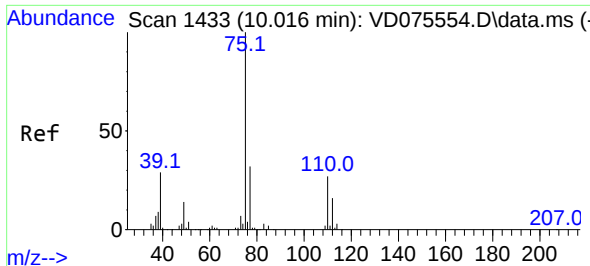
Tgt Ion: 63 Resp: 105526
Ion Ratio Lower Upper
63 100
112 5.9 4.7 7.1



#38
Bromodichloromethane
Concen: 24.953 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 83 Resp: 157545
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.9
127 8.6 6.8 10.2

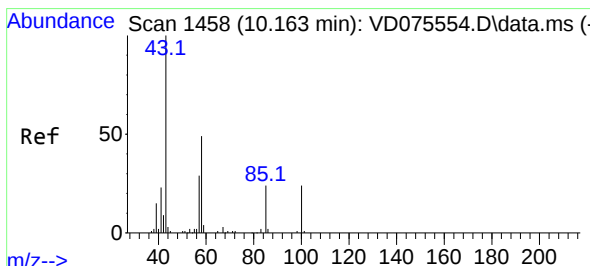
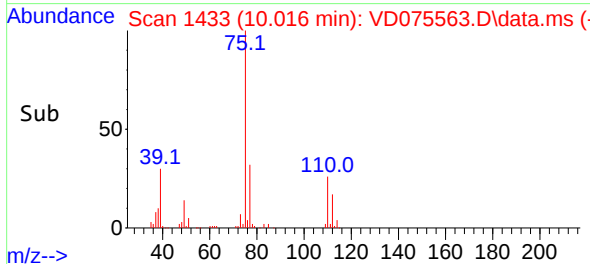
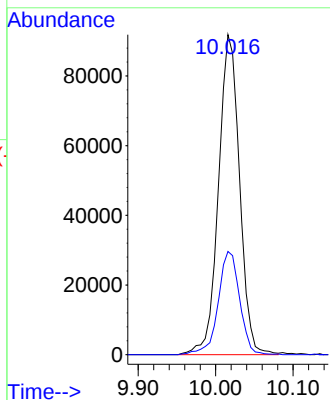
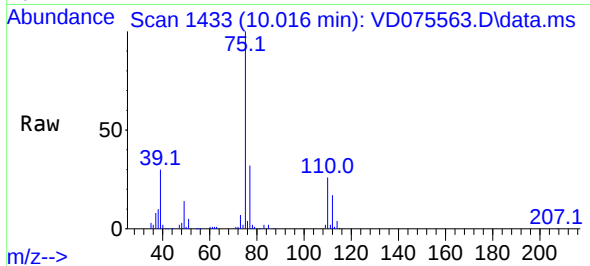




#39
 cis-1,3-Dichloropropene
 Concen: 24.748 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075563.D
 Acq: 03 Apr 2023 10:15

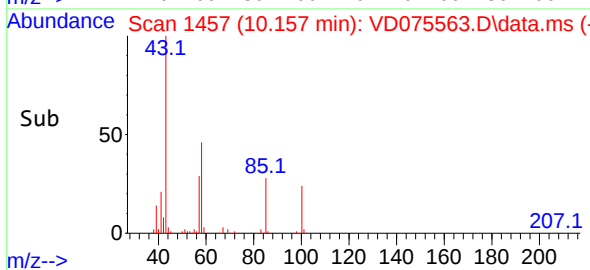
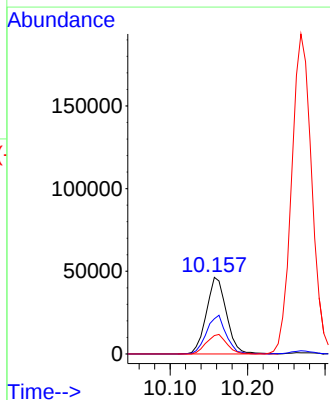
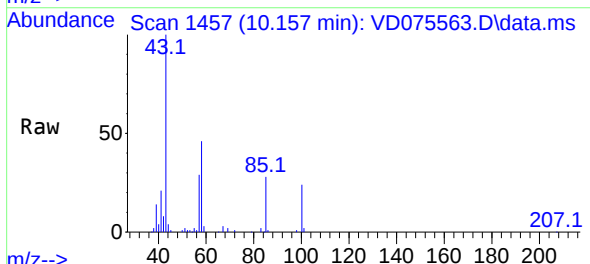
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025119

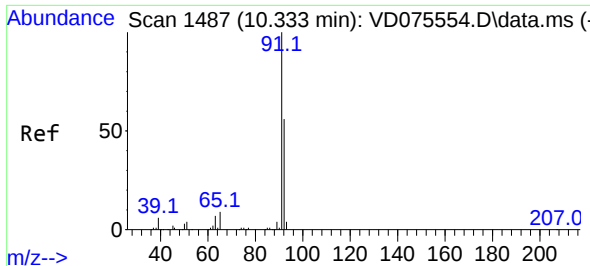
Tgt Ion: 75 Resp: 173946
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.284 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VD075563.D
 Acq: 03 Apr 2023 10:15

Tgt Ion: 43 Resp: 83552
 Ion Ratio Lower Upper
 43 100
 58 48.8 39.4 59.0
 100 25.7 20.3 30.5

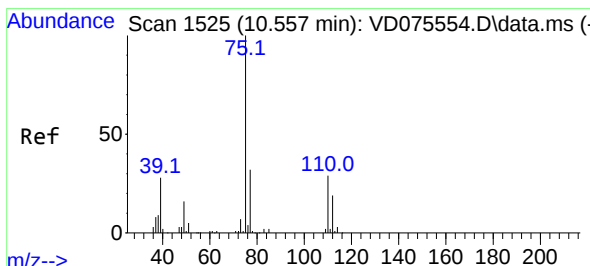
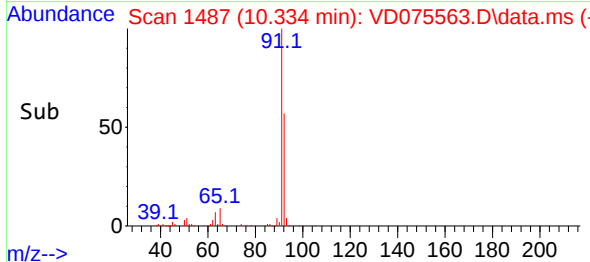
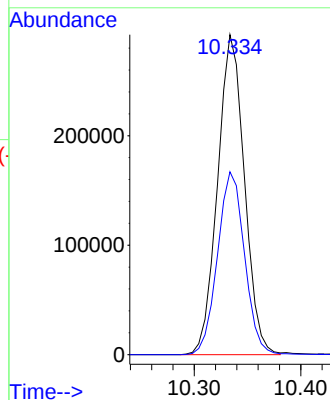
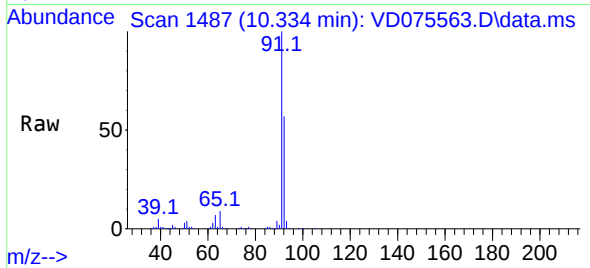




#42
Toluene
Concen: 24.419 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

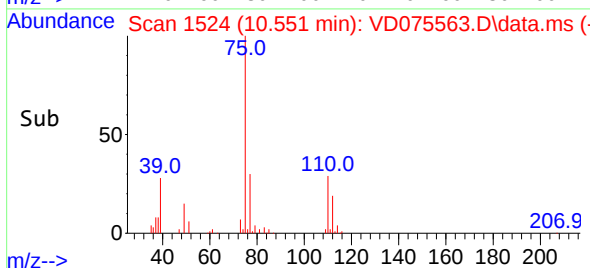
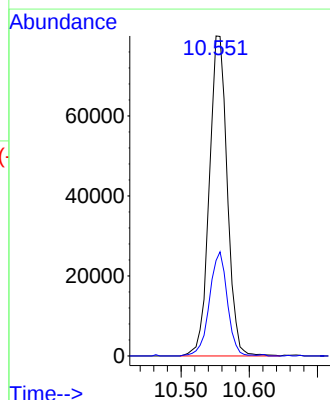
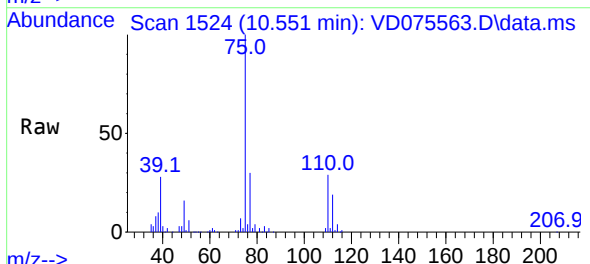
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

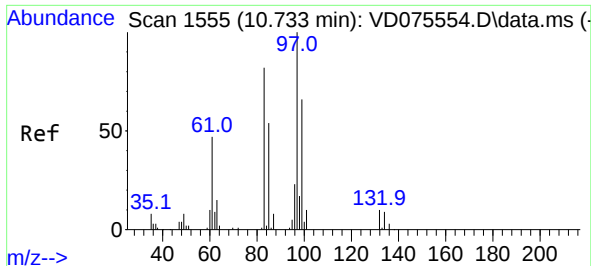
Tgt Ion: 91 Resp: 511207
Ion Ratio Lower Upper
91 100
92 57.1 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 24.544 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 75 Resp: 146677
Ion Ratio Lower Upper
75 100
77 29.8 22.1 41.1

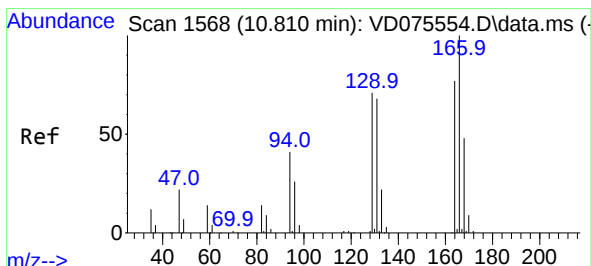
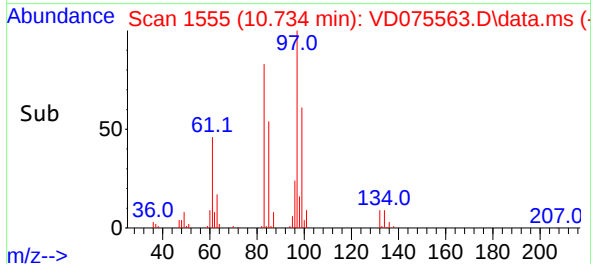
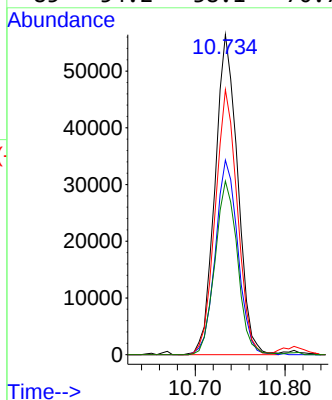
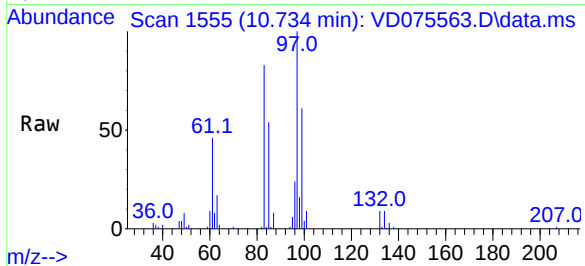




#45
1,1,2-Trichloroethane
Concen: 24.286 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

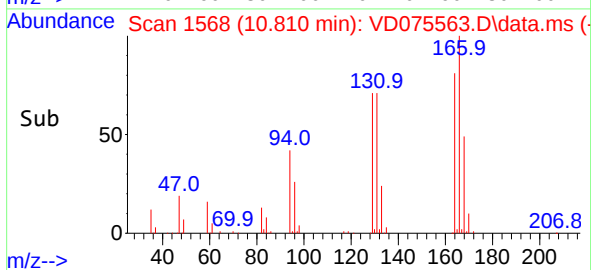
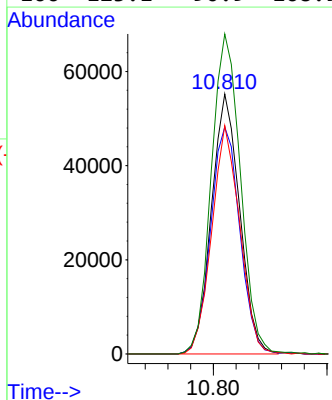
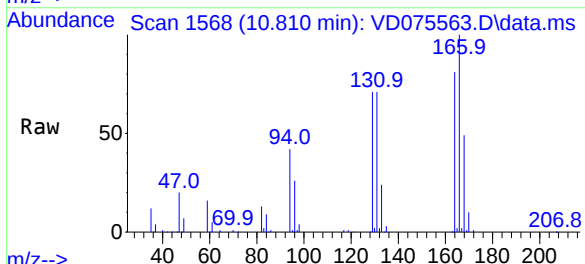
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

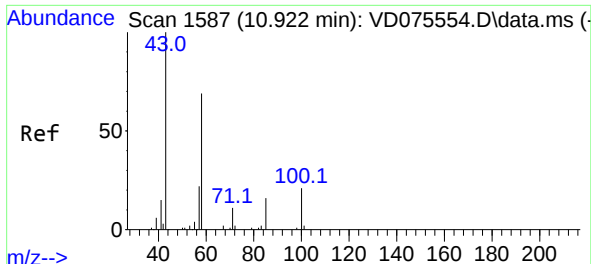
Tgt Ion: 97	Resp: 98798
Ion Ratio	Lower Upper
97 100	
99 60.8	46.4 86.2
83 82.8	57.1 106.1
85 54.2	38.1 70.7



#46
Tetrachloroethene
Concen: 23.037 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt	Ion:164	Resp:	95244
Ion	Ratio	Lower	Upper
164	100		
129	87.2	64.8	120.3
131	87.8	61.7	114.7
166	123.1	90.9	168.9

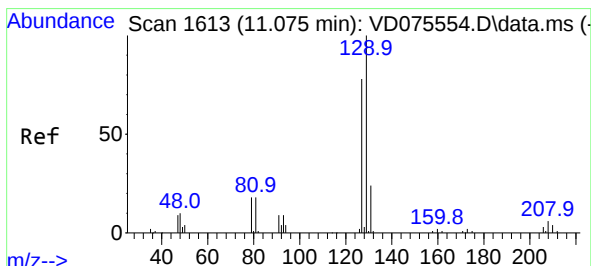
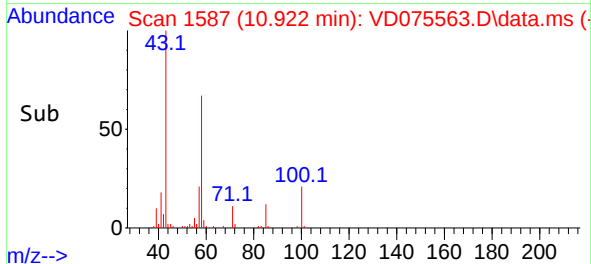
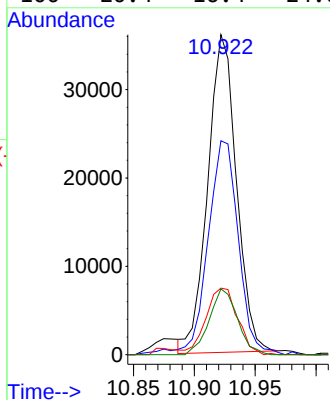
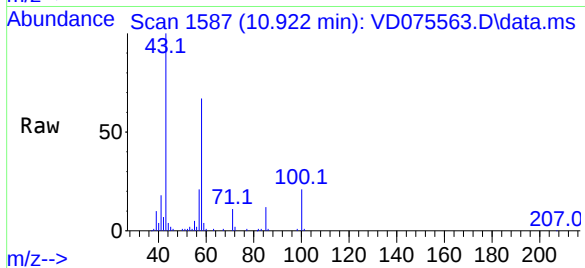




#48
2-Hexanone
Concen: 52.772 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

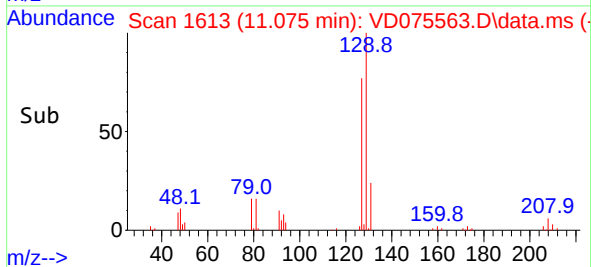
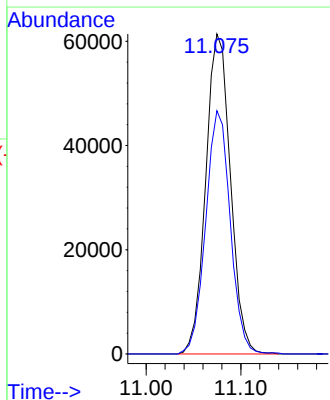
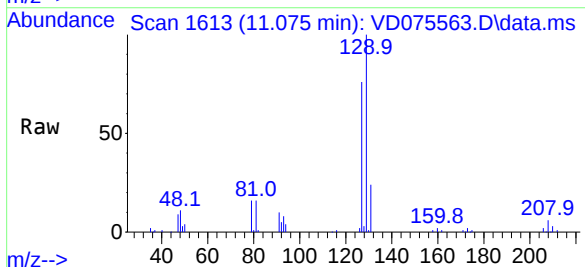
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

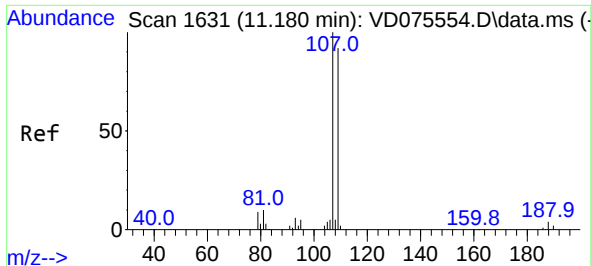
Tgt Ion:	43	Resp:	59096
Ion	Ratio	Lower	Upper
43	100		
58	70.6	55.8	83.6
57	22.9	18.6	27.8
100	20.4	16.4	24.6



#49
Dibromochloromethane
Concen: 25.307 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:	129	Resp:	111463
Ion	Ratio	Lower	Upper
129	100		
127	76.0	54.5	101.1

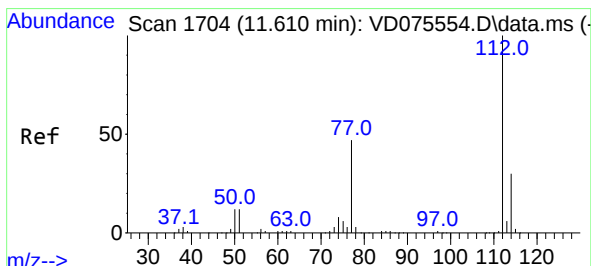
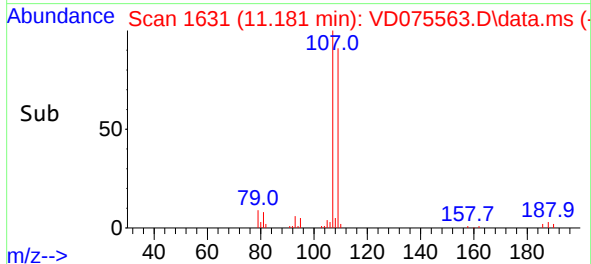
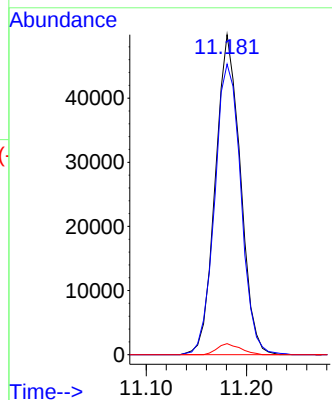
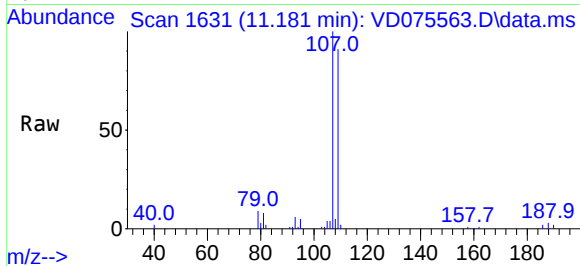




#50
1,2-Dibromoethane
Concen: 24.212 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

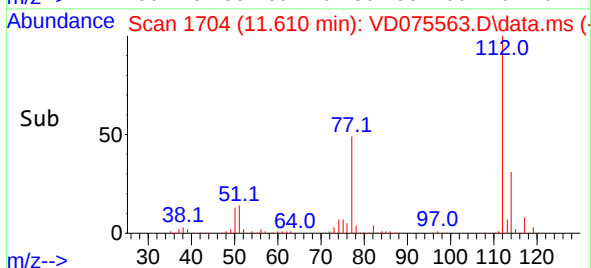
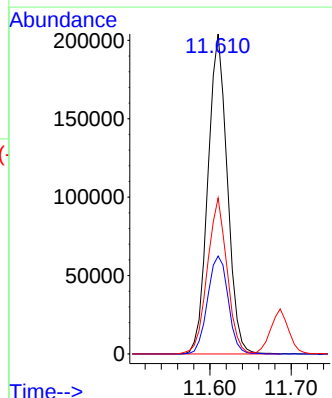
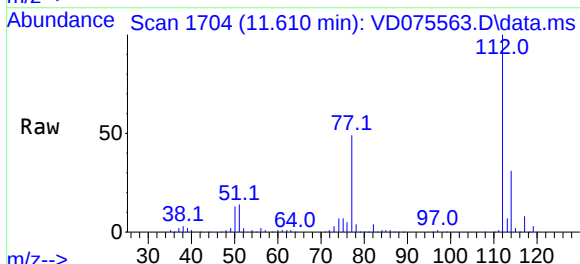
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

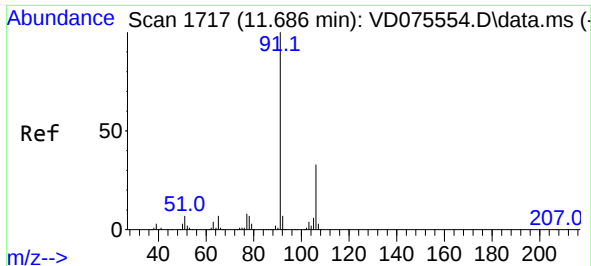
Tgt Ion:107 Resp: 86299
Ion Ratio Lower Upper
107 100
109 90.8 64.8 120.3
188 3.5 3.4 5.0



#51
Chlorobenzene
Concen: 23.949 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:112 Resp: 337667
Ion Ratio Lower Upper
112 100
114 30.6 21.1 39.1
77 48.7 37.8 56.6

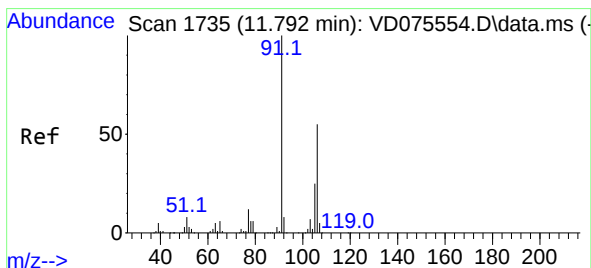
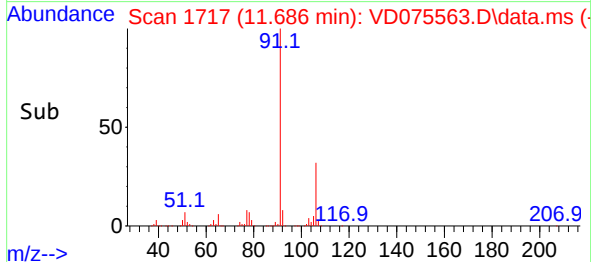
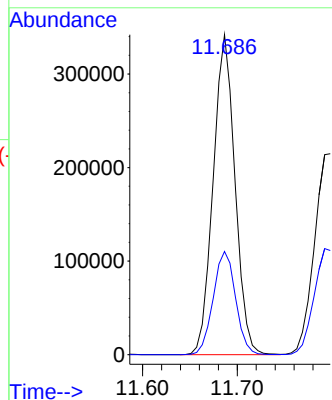
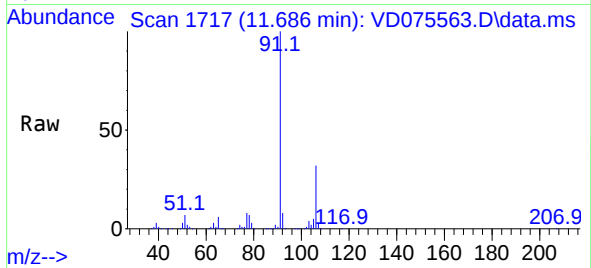




#52
Ethylbenzene
Concen: 24.911 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

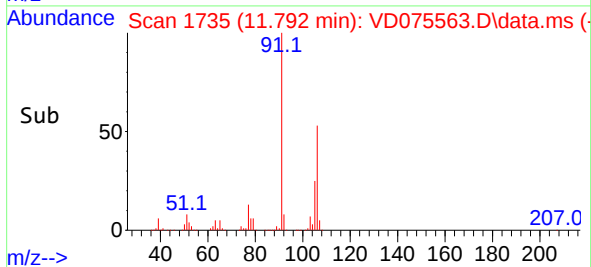
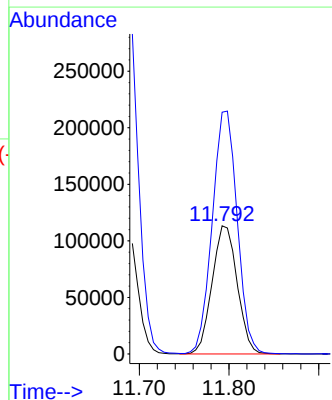
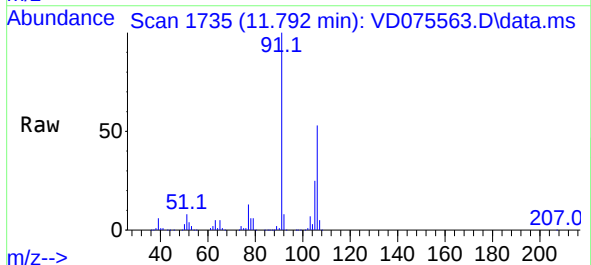
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

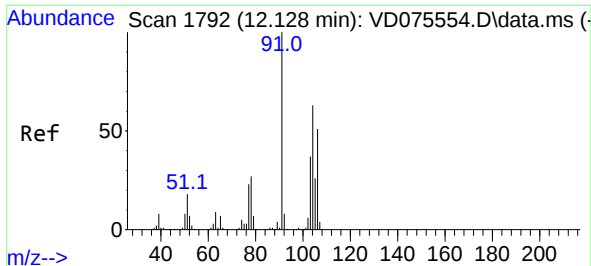
Tgt Ion: 91 Resp: 548408
Ion Ratio Lower Upper
91 100
106 32.2 23.2 43.2



#53
m,p-Xylene
Concen: 25.493 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 106 Resp: 220066
Ion Ratio Lower Upper
106 100
91 188.6 126.7 235.3

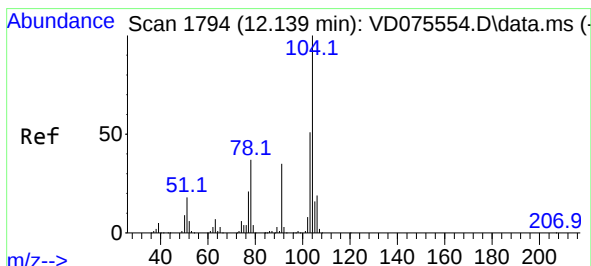
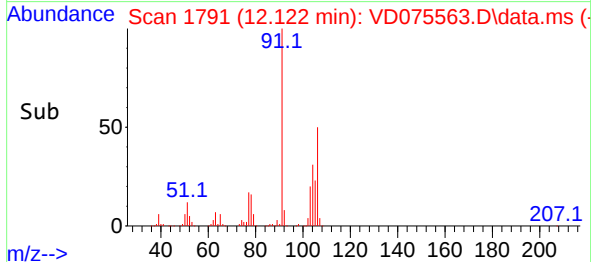
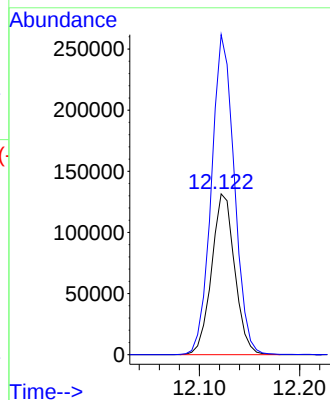
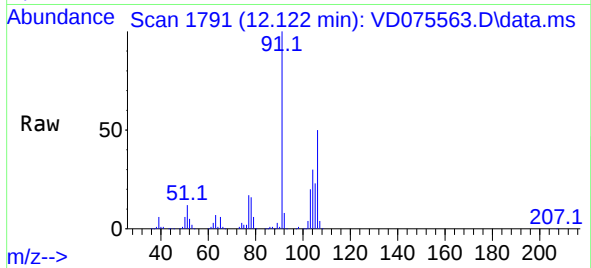




#54
o-Xylene
Concen: 25.601 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

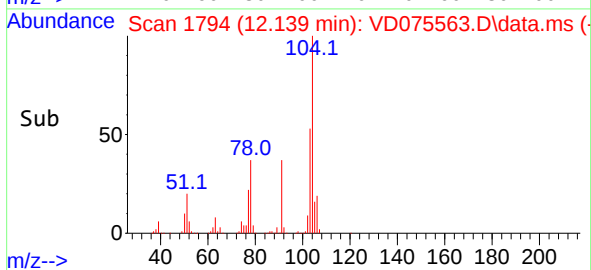
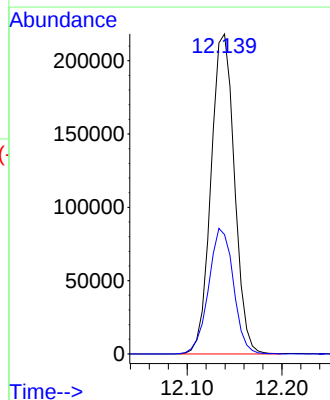
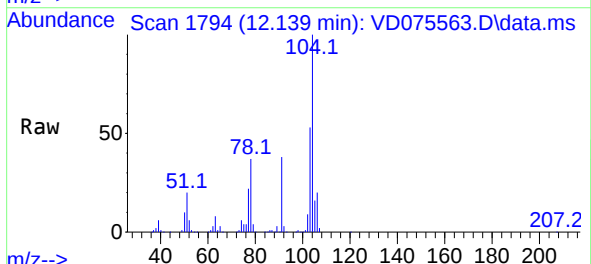
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

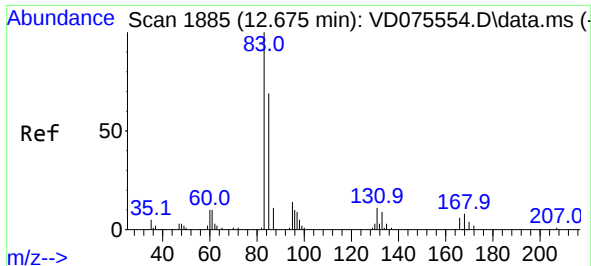
Tgt Ion:106 Resp: 210439
Ion Ratio Lower Upper
106 100
91 199.0 138.3 256.9



#55
Styrene
Concen: 25.674 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:104 Resp: 376041
Ion Ratio Lower Upper
104 100
78 37.3 25.8 47.8

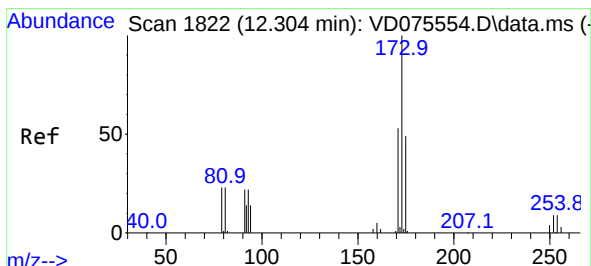
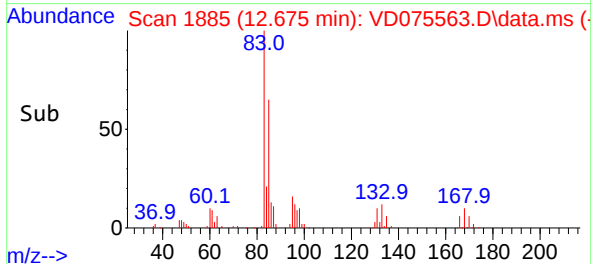
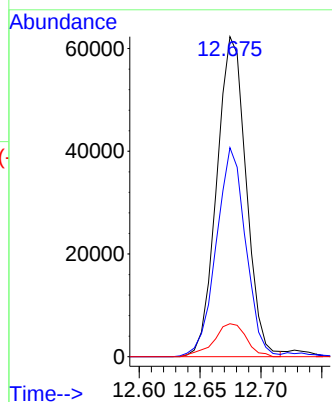
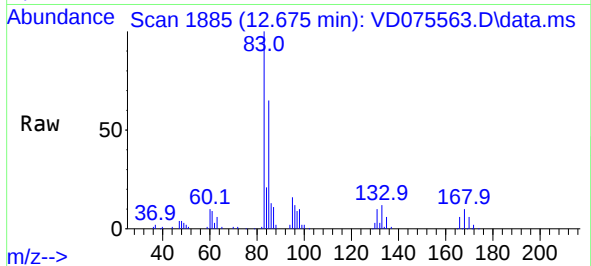




#57
1,1,2,2-Tetrachloroethane
Concen: 24.952 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

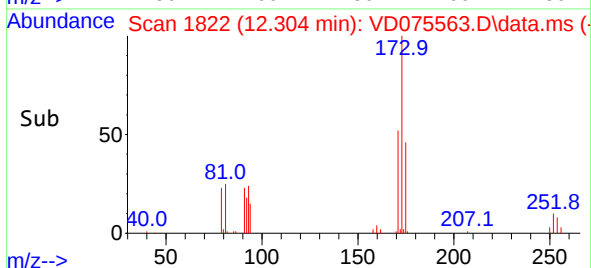
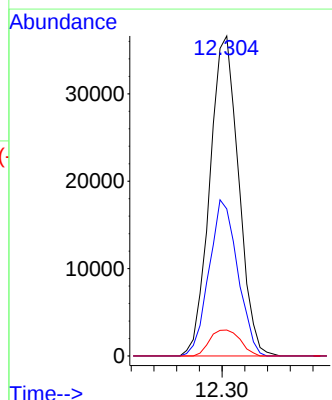
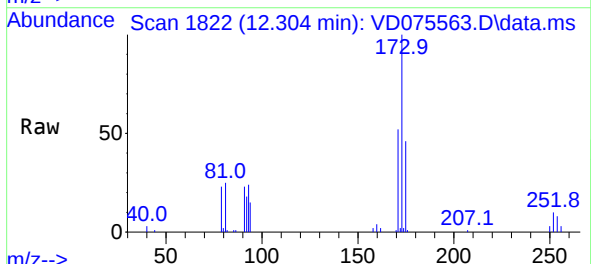
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

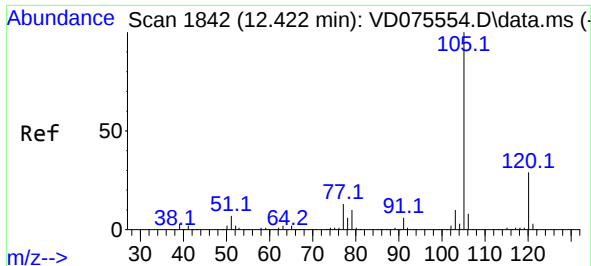
Tgt Ion: 83 Resp: 104756
Ion Ratio Lower Upper
83 100
85 65.3 48.7 90.5
131 10.3 9.3 13.9



#59
Bromoform
Concen: 18.360 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 173 Resp: 64520
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 8.6 7.7 11.5

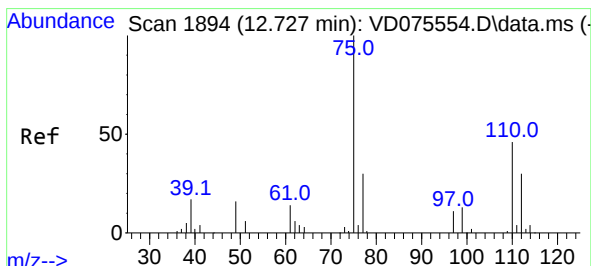
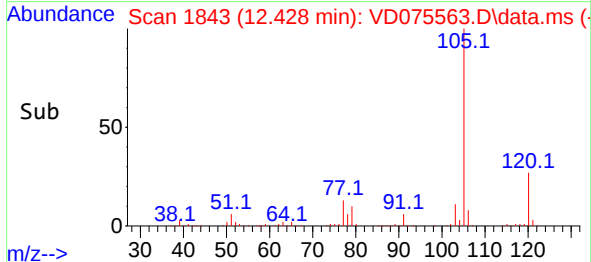
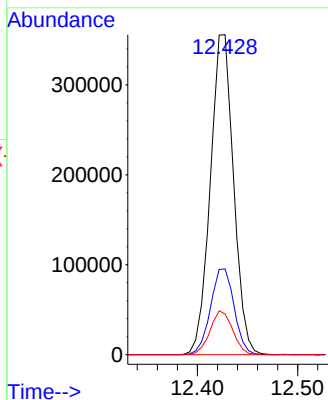
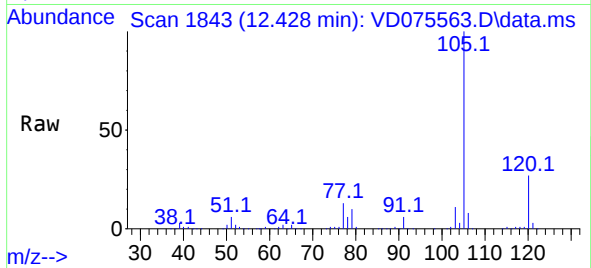




#60
Isopropylbenzene
Concen: 19.142 ug/L
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

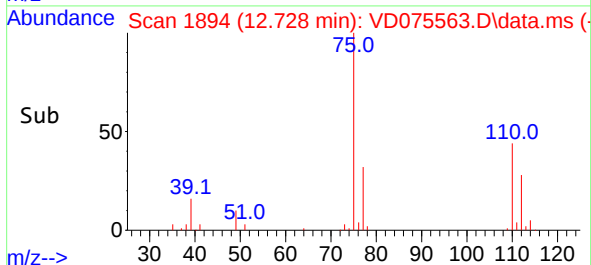
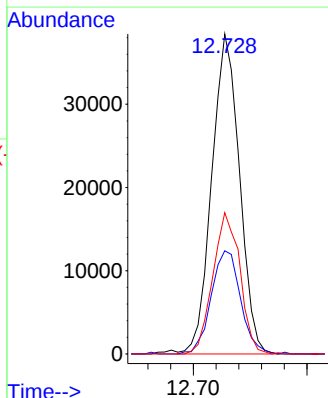
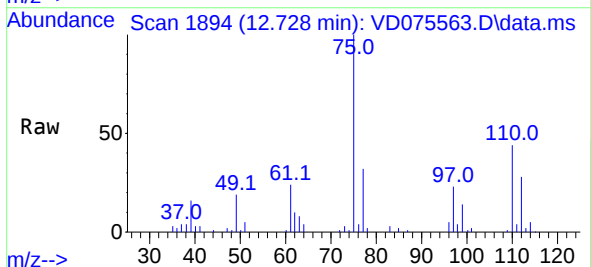
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

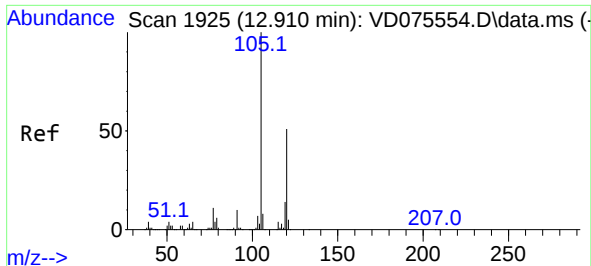
Tgt Ion:105 Resp: 574290
Ion Ratio Lower Upper
105 100
120 27.2 22.5 33.7
77 13.4 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 18.068 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion: 75 Resp: 64981
Ion Ratio Lower Upper
75 100
77 34.3 25.7 38.5
110 43.2 35.9 53.9

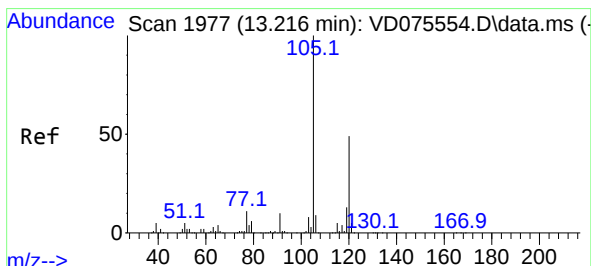
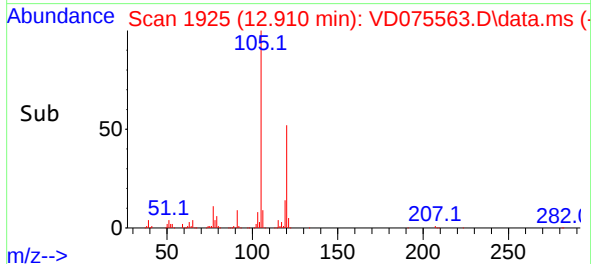
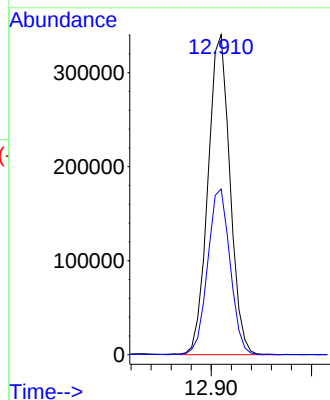
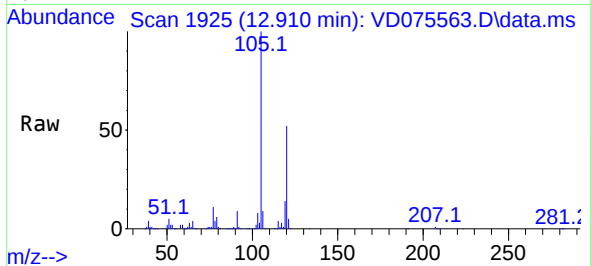




#62
1,3,5-Trimethylbenzene
Concen: 22.979 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

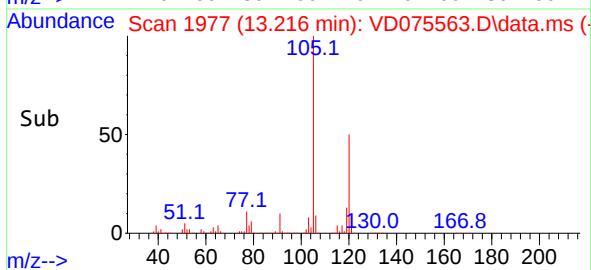
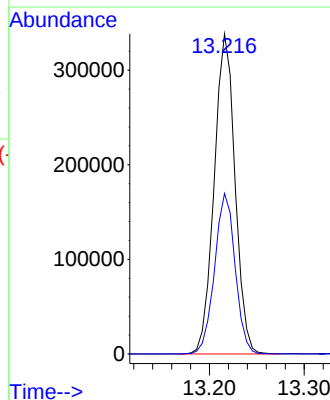
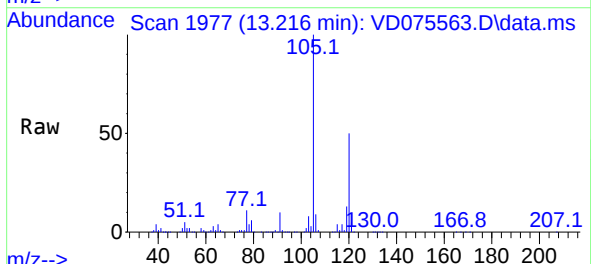
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

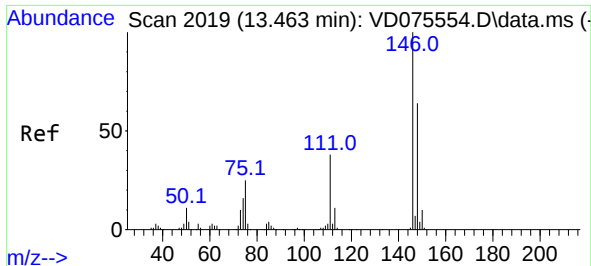
Tgt Ion:105 Resp: 520030
Ion Ratio Lower Upper
105 100
120 52.7 41.1 61.7



#63
1,2,4-Trimethylbenzene
Concen: 23.896 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:105 Resp: 517128
Ion Ratio Lower Upper
105 100
120 49.5 39.0 58.4

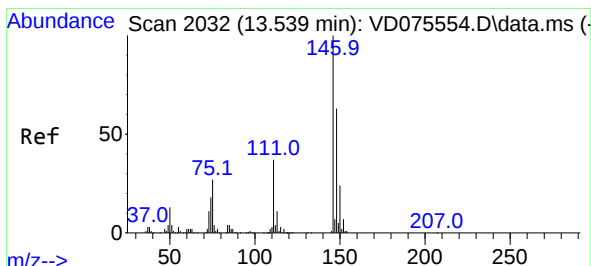
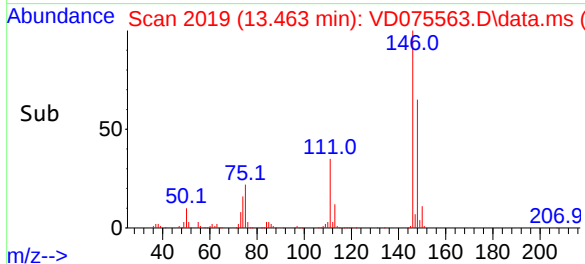
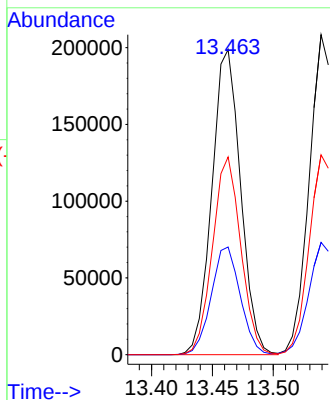
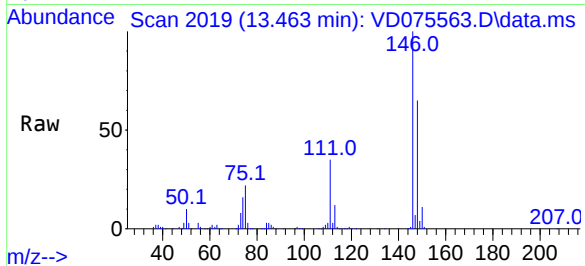




#64
1,3-Dichlorobenzene
Concen: 24.008 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

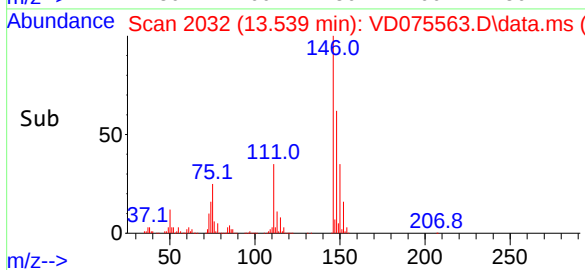
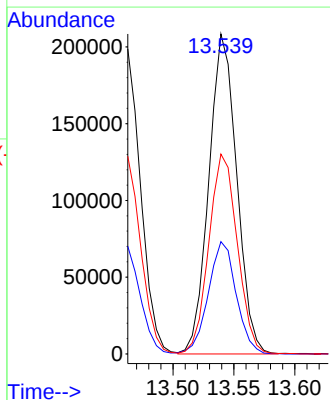
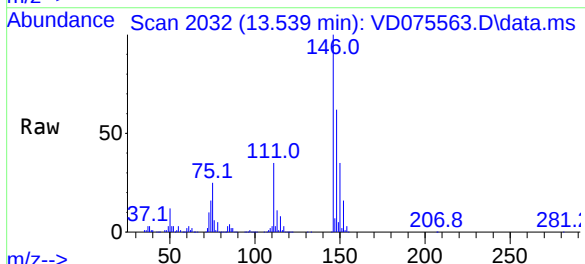
Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

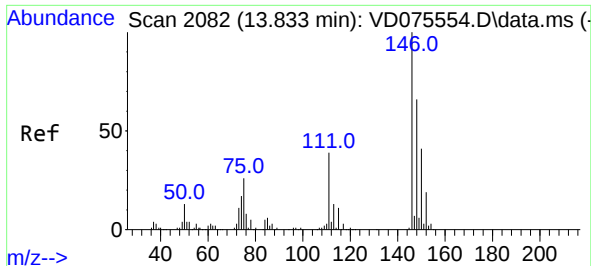
Tgt Ion:146 Resp: 326151
Ion Ratio Lower Upper
146 100
111 35.3 26.2 48.8
148 64.8 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 23.452 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:146 Resp: 332323
Ion Ratio Lower Upper
146 100
111 35.1 26.0 48.4
148 62.4 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 23.636 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075563.D

Acq: 03 Apr 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

VSTD025119

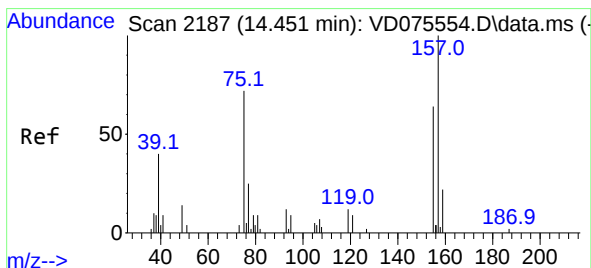
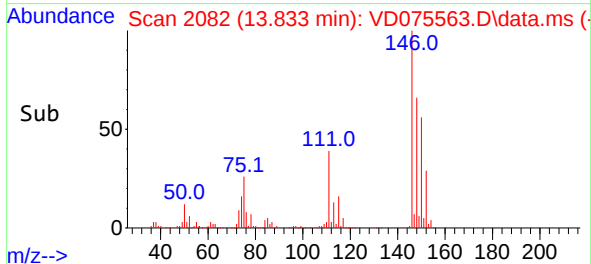
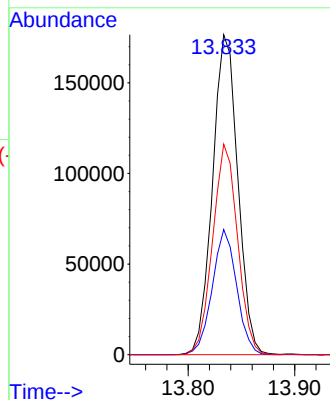
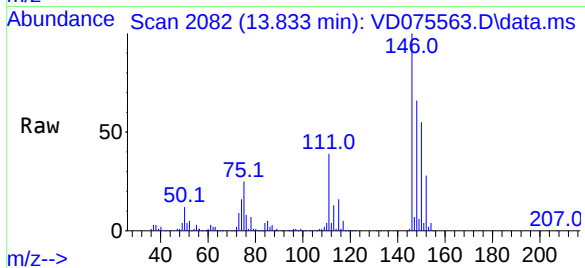
Tgt Ion:146 Resp: 290822

Ion Ratio Lower Upper

146 100

111 39.1 31.3 46.9

148 65.8 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.371 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075563.D

Acq: 03 Apr 2023 10:15

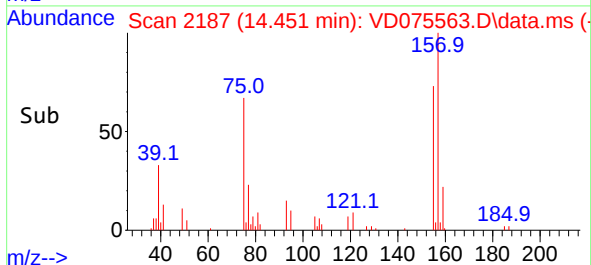
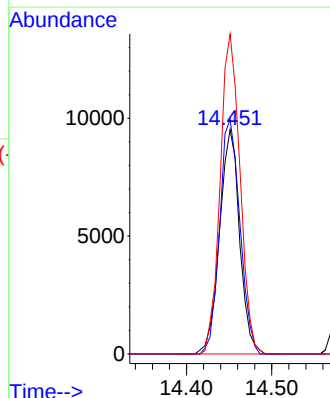
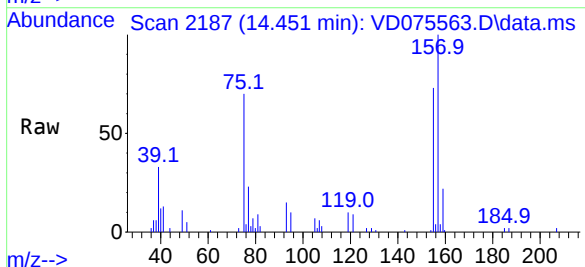
Tgt Ion: 75 Resp: 15478

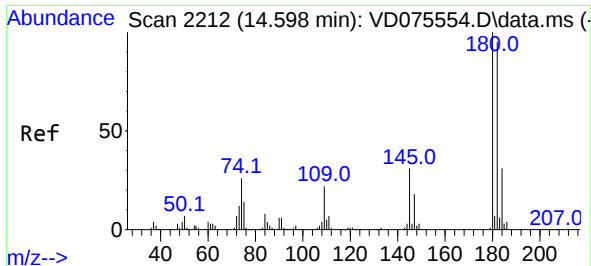
Ion Ratio Lower Upper

75 100

155 104.5 70.6 106.0

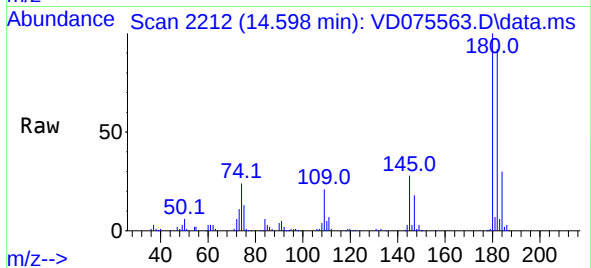
157 142.6 111.3 166.9



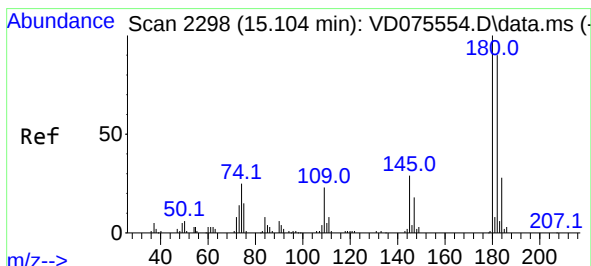
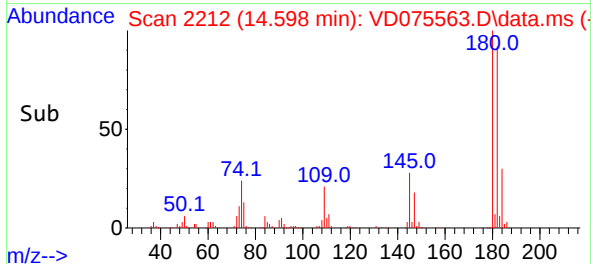
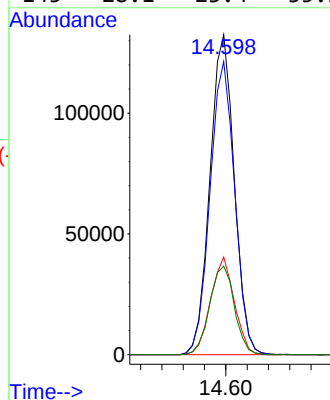


#69
1,3,5-Trichlorobenzene
Concen: 25.080 ug/L
RT: 14.598 min Scan# 210122
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

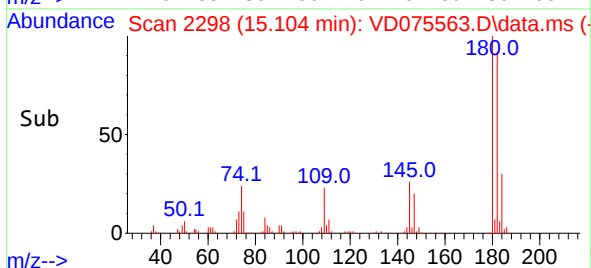
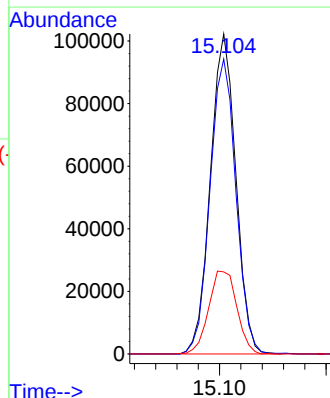
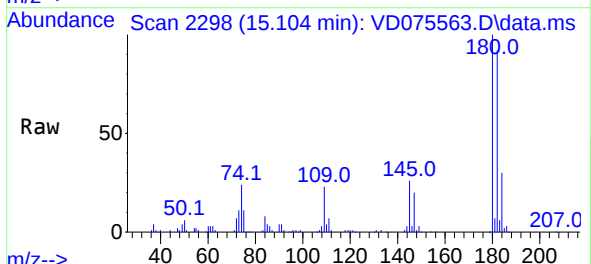


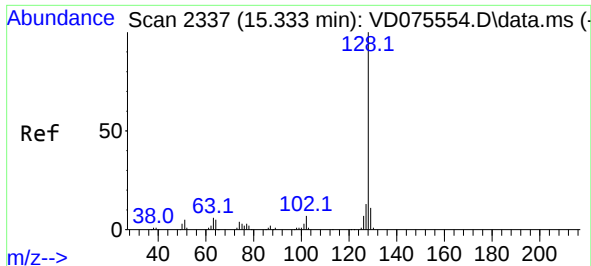
Tgt Ion:180 Resp: 210122
Ion Ratio Lower Upper
180 100
182 92.7 76.9 115.3
184 29.7 24.6 36.8
145 28.1 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 25.043 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:180 Resp: 169855
Ion Ratio Lower Upper
180 100
182 93.7 74.2 111.2
145 28.6 22.9 34.3

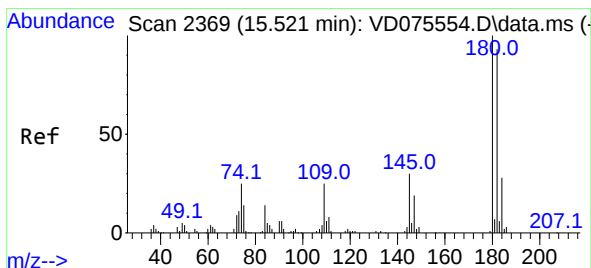
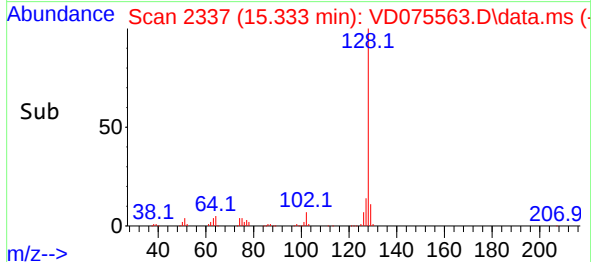
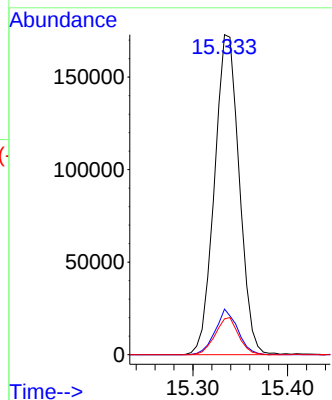
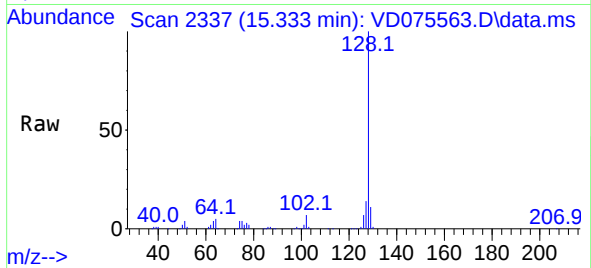




#71
Naphthalene
Concen: 25.086 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Instrument :
MSVOA_D
ClientSampleId :
VSTD025119

Tgt Ion:128 Resp: 314576
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.747 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075563.D
Acq: 03 Apr 2023 10:15

Tgt Ion:180 Resp: 150348
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.0
145 31.8 25.2 37.8

