

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075585.D
 Acq On : 05 Apr 2023 18:37
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025125

Quant Time: Apr 05 23:39:04 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	8.781	114	311223	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143081	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	186561	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.000%
7) Chloroethane-d5	2.805	69	176653	27.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	3.922	63	150022	25.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.680%
21) 2-Butanone-d5	6.987	46	29377	62.255	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.500%
24) Chloroform-d	7.569	84	198809	27.095	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.360%
26) 1,2-Dichloroethane-d4	8.228	65	87663	26.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.840%
32) Benzene-d6	8.205	84	418656	24.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.720%
36) 1,2-Dichloropropane-d6	9.210	67	116273	25.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.880%
41) Toluene-d8	10.269	98	394056	24.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	10.528	79	48415	25.695	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.760%
47) 2-Hexanone-d5	10.881	63	27394	51.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96307	28.442	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	122910	25.042	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	65649	22.508	ug/L	98
3) Chloromethane	2.146	50	97144	25.451	ug/L	96
5) Vinyl chloride	2.287	62	143861	24.184	ug/L	100
6) Bromomethane	2.693	94	102141	25.166	ug/L	94
8) Chloroethane	2.840	64	105789	25.527	ug/L	94
9) Trichlorofluoromethane	3.175	101	127560	24.662	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	89864	25.010	ug/L	98
12) 1,1-Dichloroethene	3.946	96	75321	25.375	ug/L	91
13) Acetone	4.022	43	26304	53.150	ug/L	92
14) Carbon disulfide	4.275	76	161811	22.785	ug/L	99
15) Methyl Acetate	4.569	43	23968	28.899	ug/L	96
16) Methylene chloride	4.805	84	100341	23.455	ug/L	100
17) trans-1,2-Dichloroethene	5.317	96	81266	25.789	ug/L	98
18) Methyl tert-butyl Ether	5.317	73	177609	29.643	ug/L	99
19) 1,1-Dichloroethane	6.111	63	150678	27.894	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	104926	28.356	ug/L	95
22) 2-Butanone	7.081	43	33406	56.667	ug/L	100
23) Bromochloromethane	7.428	128	48899	28.027	ug/L	87
25) Chloroform	7.599	83	182560	28.216	ug/L	98

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 Response via : Initial Calibration

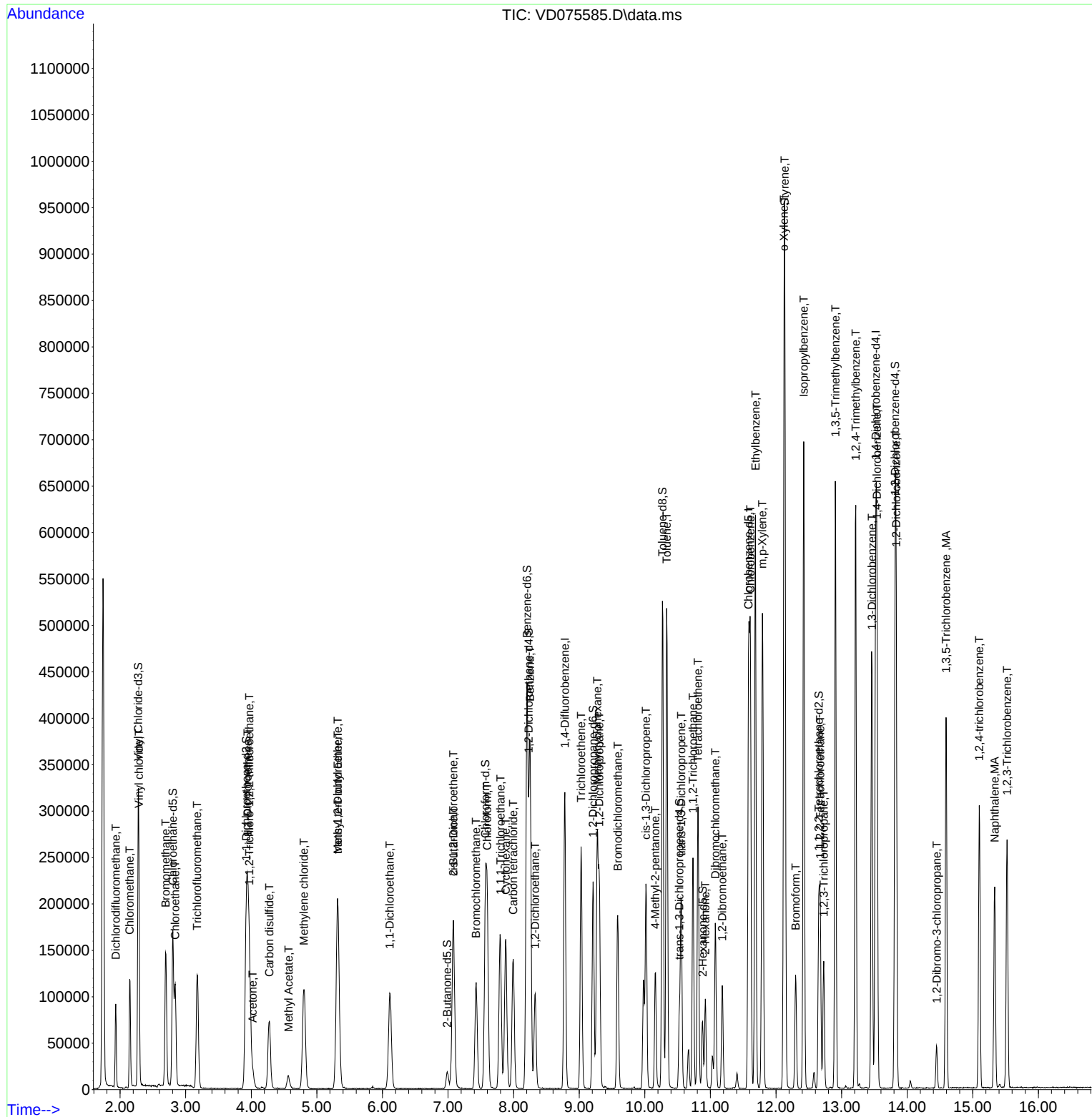
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	91617	27.395	ug/L	98
29) Cyclohexane	7.881	56	81324	22.971	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	142665	24.963	ug/L	99
31) Carbon tetrachloride	7.993	117	111145	24.091	ug/L	100
33) Benzene	8.252	78	369239	24.734	ug/L	100
34) Trichloroethene	9.028	95	93923	22.457	ug/L	95
35) Methylcyclohexane	9.275	83	126862	23.190	ug/L	99
37) 1,2-Dichloropropane	9.305	63	93284	26.560	ug/L	97
38) Bromodichloromethane	9.587	83	133092	26.607	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	146610	26.328	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	73483	55.820	ug/L	99
42) Toluene	10.334	91	417994	25.201	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	124177	26.228	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	85500	26.528	ug/L	98
46) Tetrachloroethene	10.810	164	71700	21.890	ug/L	97
48) 2-Hexanone	10.922	43	49360	55.636	ug/L	96
49) Dibromochloromethane	11.075	129	97066	27.817	ug/L	92
50) 1,2-Dibromoethane	11.181	107	75087	26.590	ug/L #	98
51) Chlorobenzene	11.610	112	282597	25.298	ug/L	96
52) Ethylbenzene	11.687	91	452432	25.940	ug/L	100
53) m,p-Xylene	11.793	106	177840	26.003	ug/L	87
54) o-Xylene	12.122	106	178218	27.366	ug/L	98
55) Styrene	12.134	104	327915	28.258	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	94858	28.519	ug/L #	91
59) Bromoform	12.299	173	55572	25.114	ug/L	99
60) Isopropylbenzene	12.422	105	461772	24.443	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	58177	25.689	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	351606	24.675	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	350213	25.701	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	213794	24.992	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	221431	24.816	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	196167	25.319	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	11402	25.001	ug/L	83
69) 1,3,5-Trichlorobenzene	14.592	180	130487	24.735	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	104002	24.352	ug/L	99
71) Naphthalene	15.334	128	198659	25.159	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	96710	25.280	ug/L	100

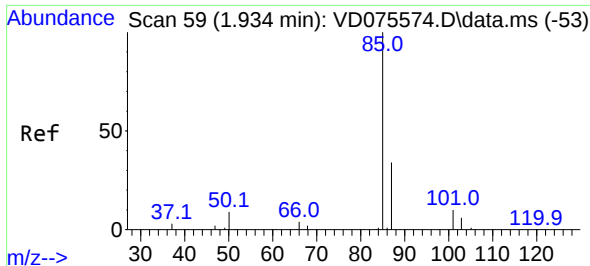
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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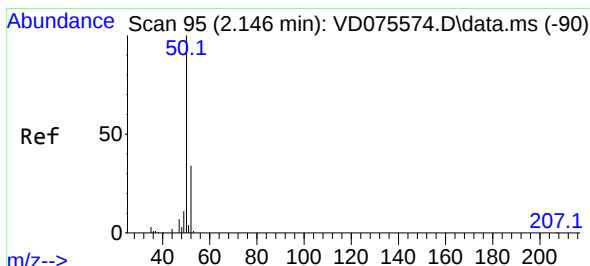
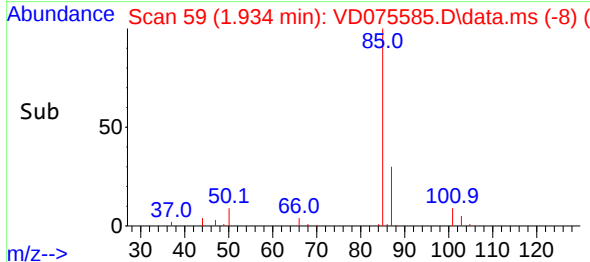
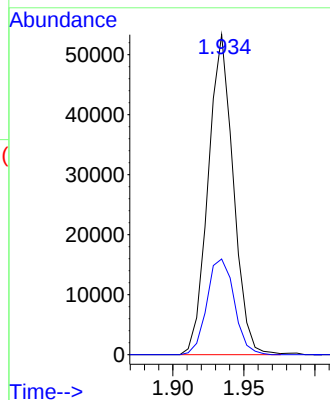
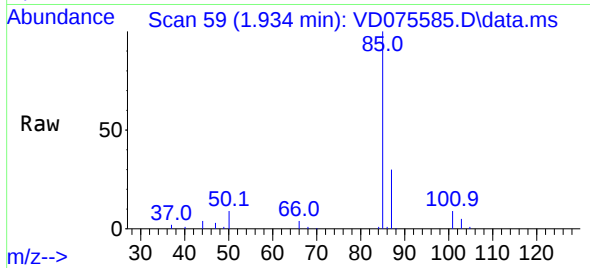




#2
Dichlorodifluoromethane
Concen: 22.508 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

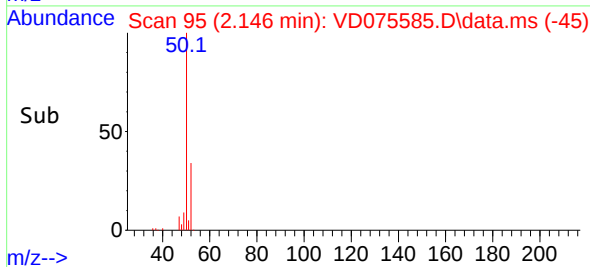
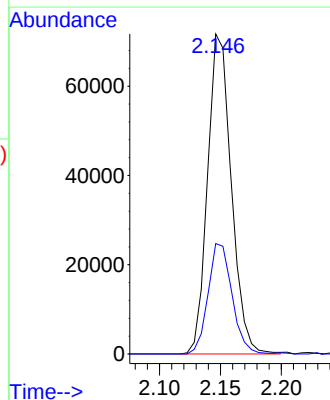
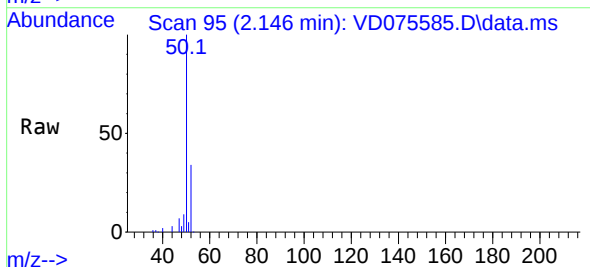
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MSVOA_D
ClientSampleId :
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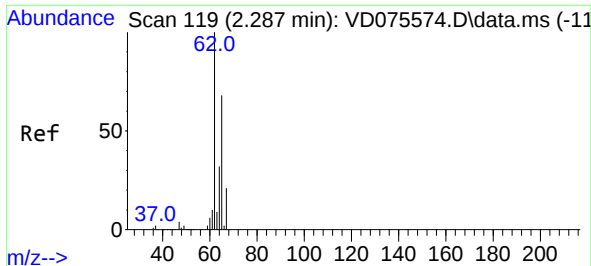
Tgt Ion: 85 Resp: 65649
Ion Ratio Lower Upper
85 100
87 32.5 25.0 37.4



#3
Chloromethane
Concen: 25.451 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 50 Resp: 97144
Ion Ratio Lower Upper
50 100
52 34.5 22.7 42.1

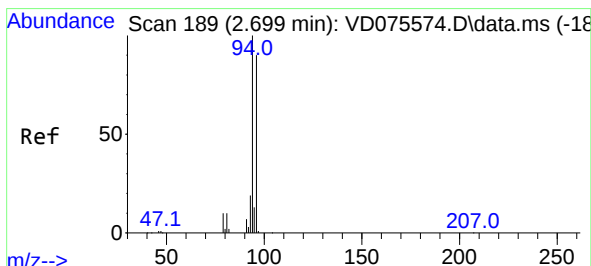
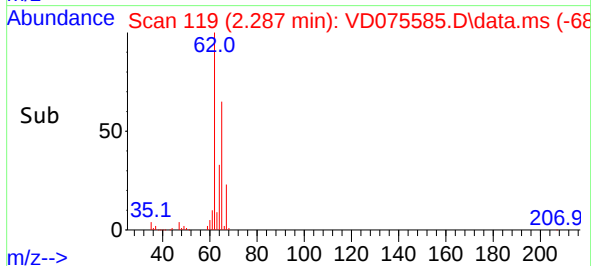
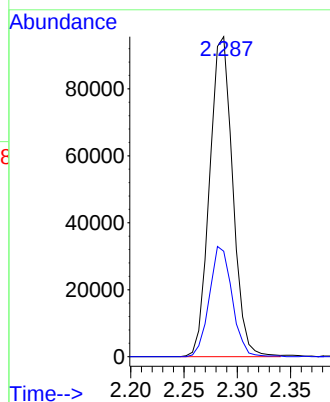
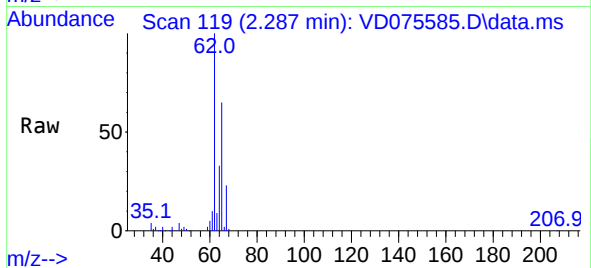




#5
 Vinyl chloride
 Concen: 24.184 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075585.D
 Acq: 05 Apr 2023 18:37

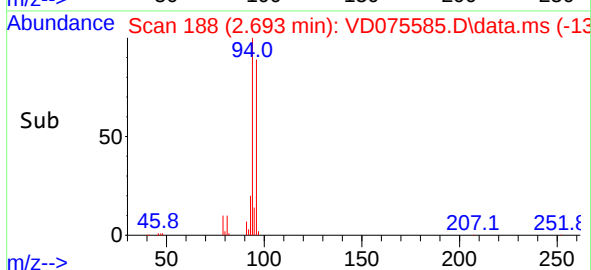
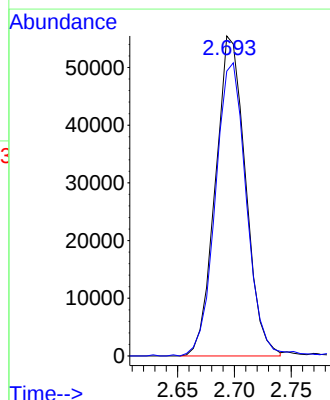
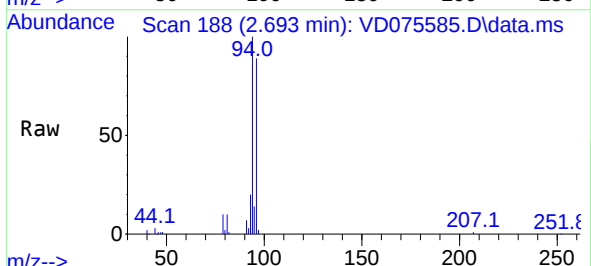
Instrument :
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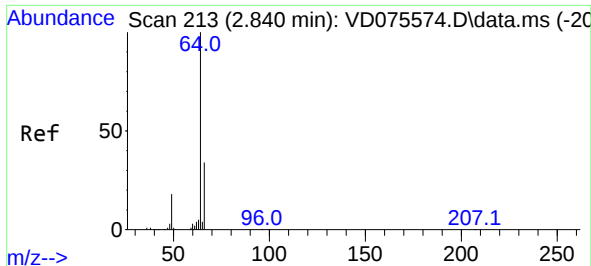
Tgt Ion: 62 Resp: 143861
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 25.166 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.005 min
 Lab File: VD075585.D
 Acq: 05 Apr 2023 18:37

Tgt Ion: 94 Resp: 102141
 Ion Ratio Lower Upper
 94 100
 96 89.0 66.1 122.7

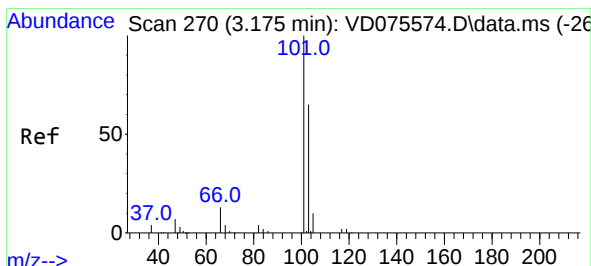
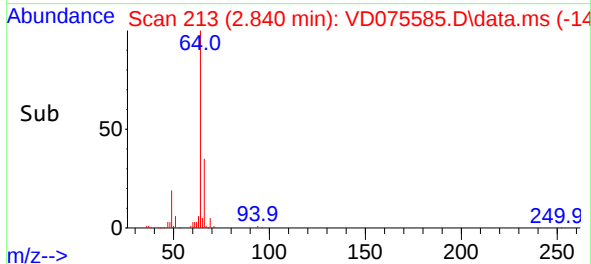
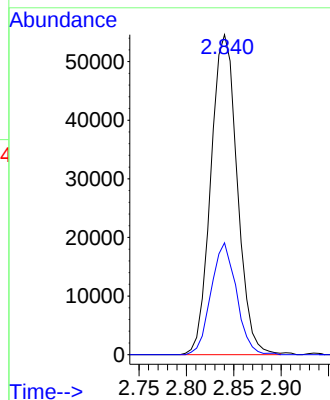
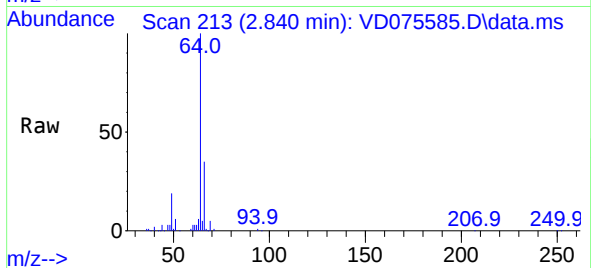




#8
Chloroethane
Concen: 25.527 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

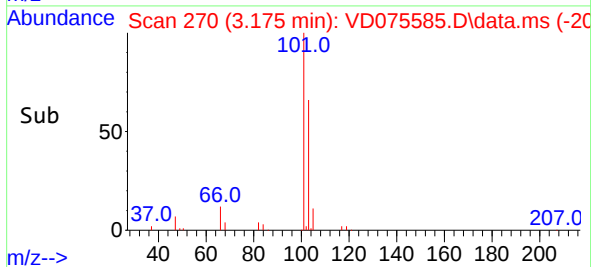
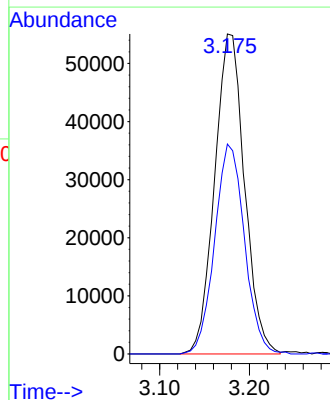
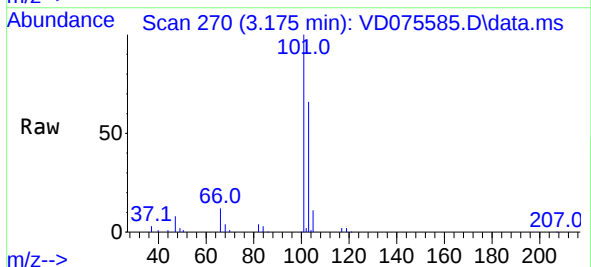
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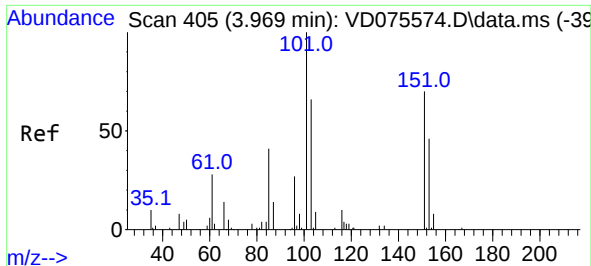
Tgt Ion: 64 Resp: 105789
Ion Ratio Lower Upper
64 100
66 35.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.662 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:101 Resp: 127560
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

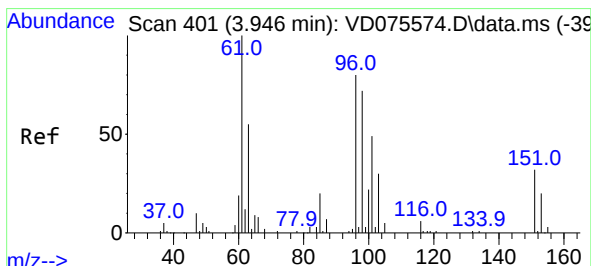
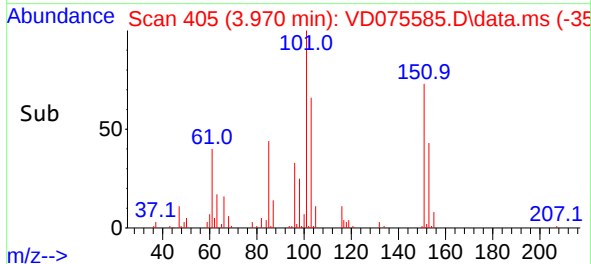
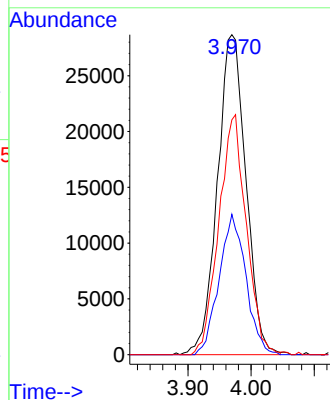
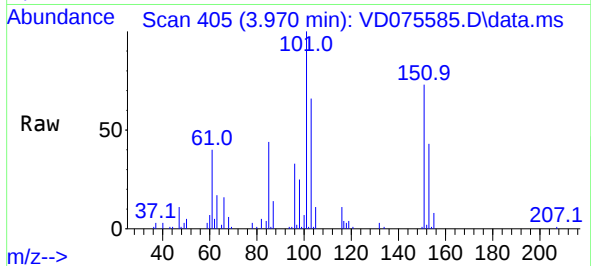




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.010 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075585.D
 Acq: 05 Apr 2023 18:37

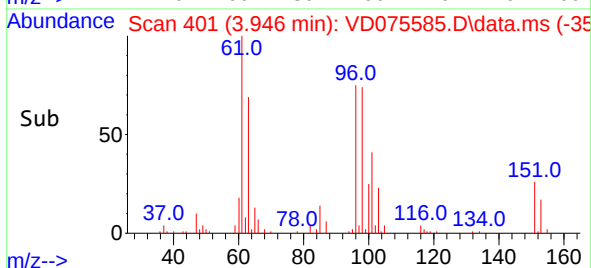
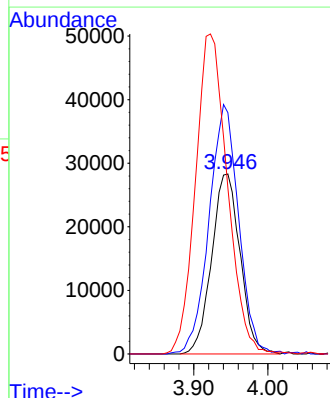
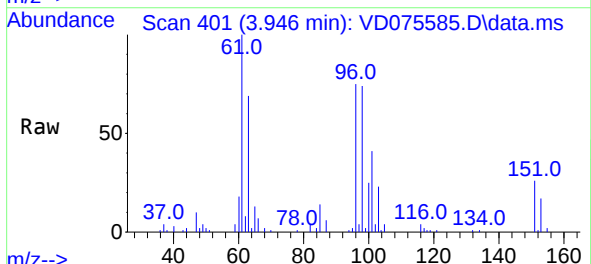
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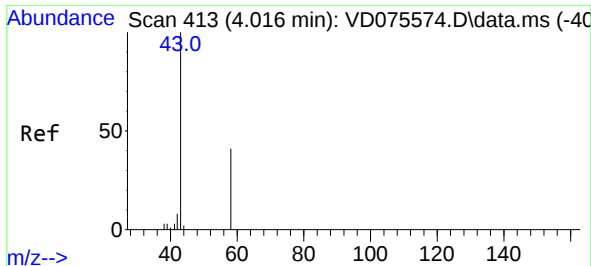
Tgt Ion:101 Resp: 89864
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.4 50.0
 151 72.4 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 25.375 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075585.D
 Acq: 05 Apr 2023 18:37

Tgt Ion: 96 Resp: 75321
 Ion Ratio Lower Upper
 96 100
 61 134.0 96.7 179.7
 63 92.3 76.0 141.2





#13

Acetone

Concen: 53.150 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

Instrument :

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ClientSampleId :

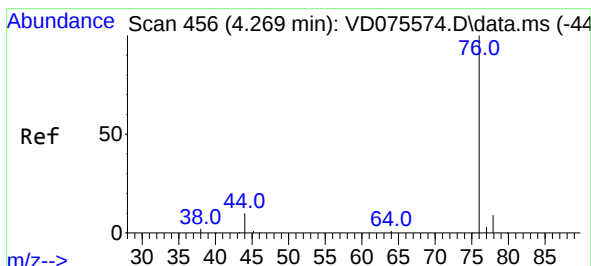
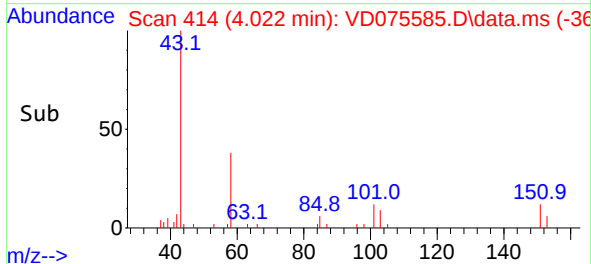
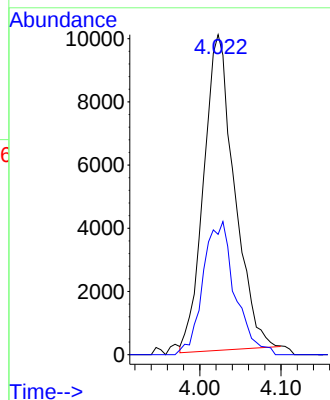
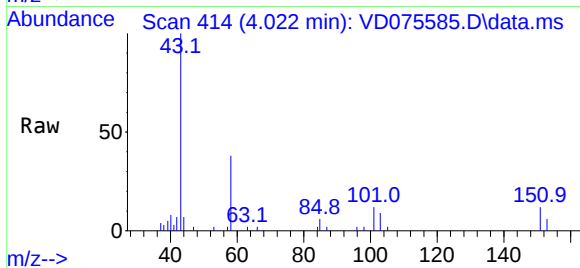
VSTD025125

Tgt Ion: 43 Resp: 26304

Ion Ratio Lower Upper

43 100

58 43.4 0.0 77.4



#14

Carbon disulfide

Concen: 22.785 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

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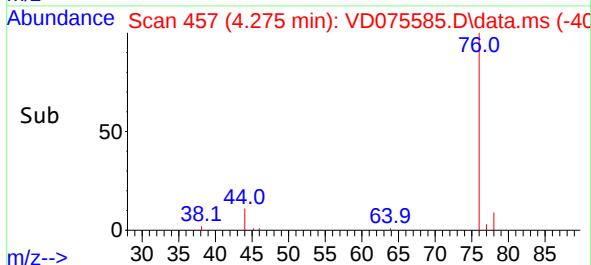
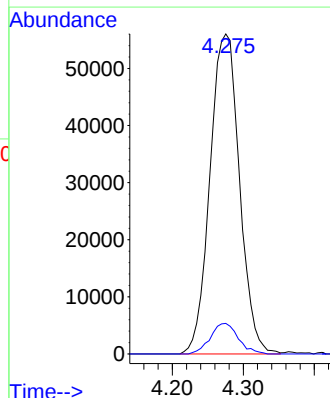
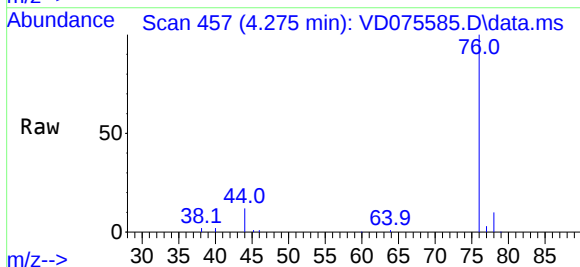
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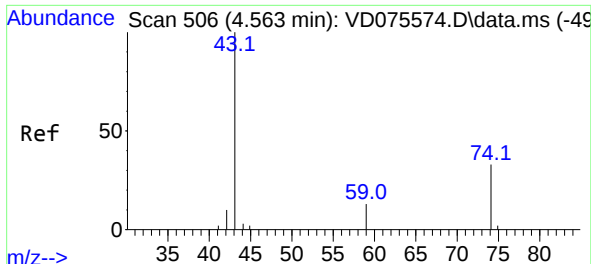
Tgt Ion: 76 Resp: 161811

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

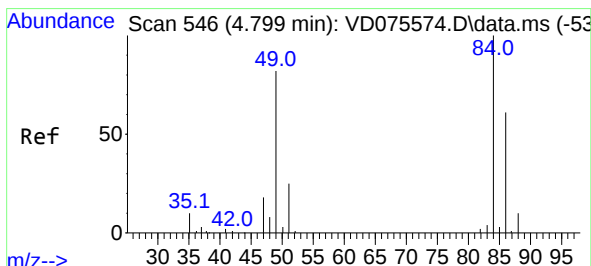
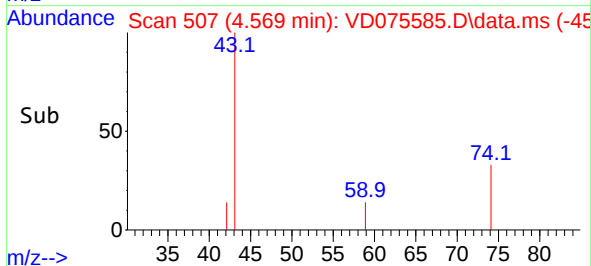
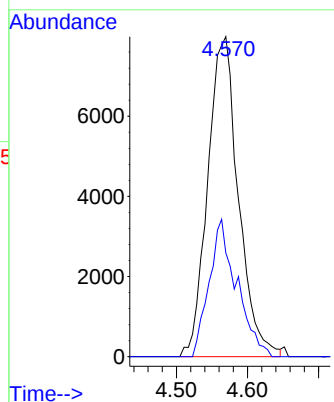
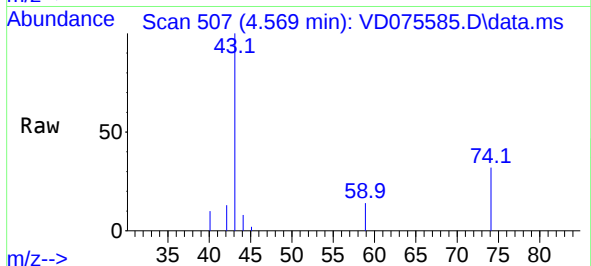




#15
Methyl Acetate
Concen: 28.899 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

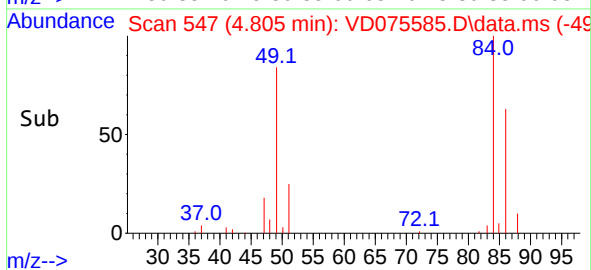
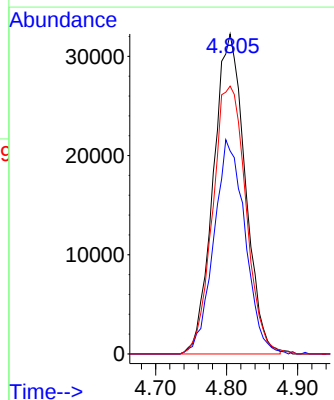
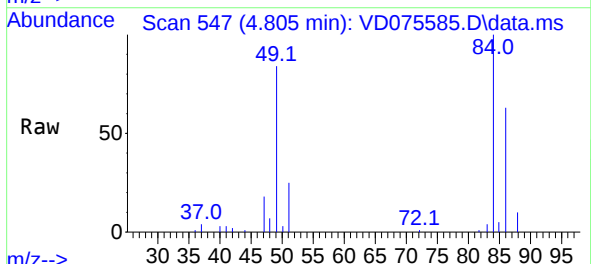
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

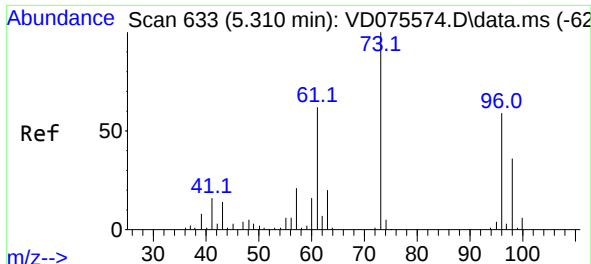
Tgt Ion: 43 Resp: 23968
Ion Ratio Lower Upper
43 100
74 38.6 29.0 43.4



#16
Methylene chloride
Concen: 23.455 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 84 Resp: 100341
Ion Ratio Lower Upper
84 100
86 63.5 44.4 82.4
49 83.7 58.5 108.7

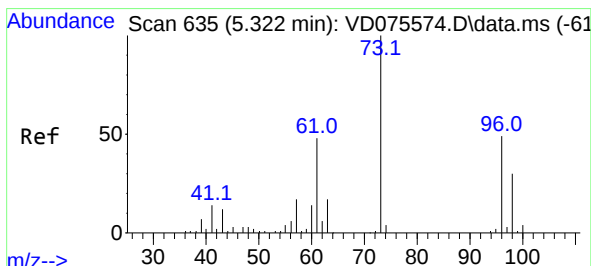
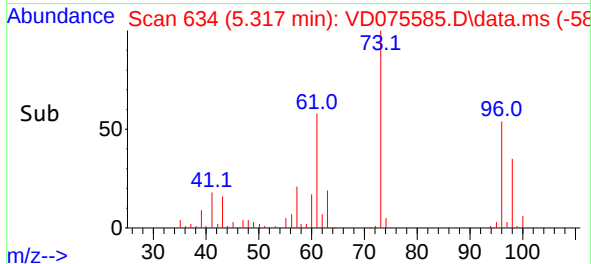
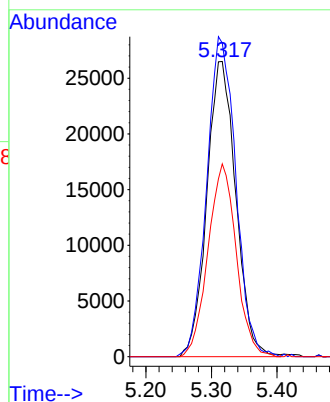
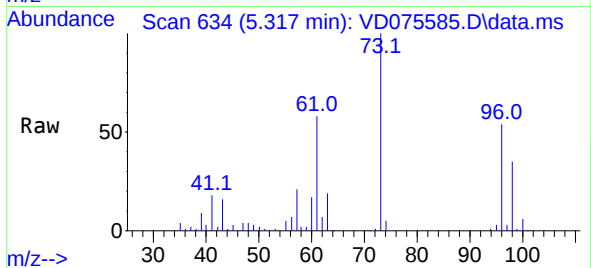




#17
trans-1,2-Dichloroethene
Concen: 25.789 ug/L
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

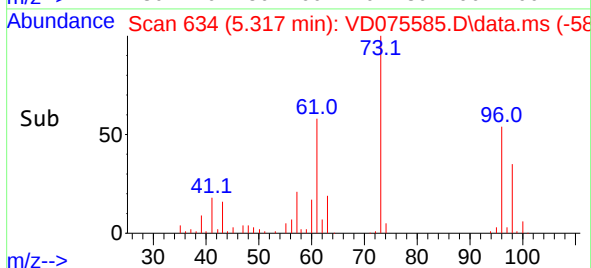
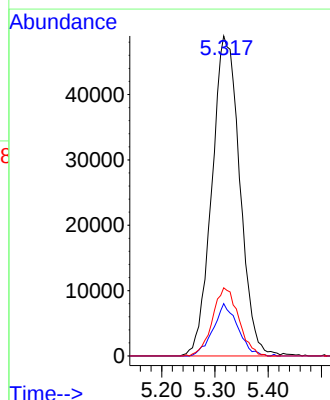
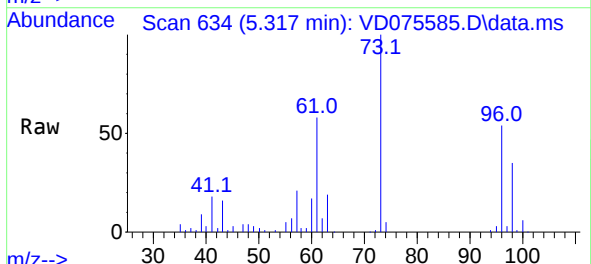
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

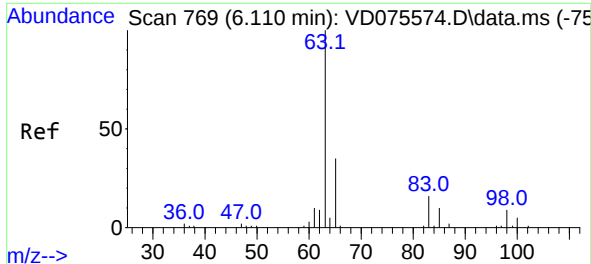
Tgt Ion: 96 Resp: 81266
Ion Ratio Lower Upper
96 100
61 106.3 75.4 140.0
98 65.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 29.643 ug/L
RT: 5.317 min Scan# 634
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

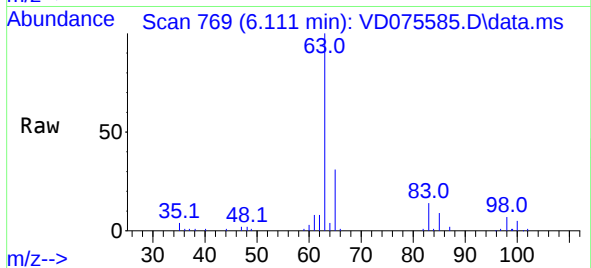
Tgt Ion: 73 Resp: 177609
Ion Ratio Lower Upper
73 100
43 14.4 11.4 17.0
57 20.0 15.8 23.6





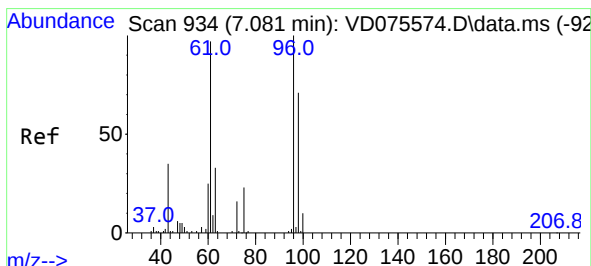
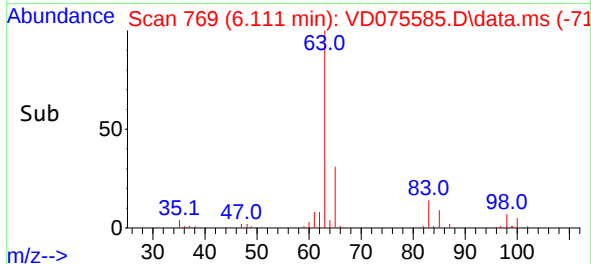
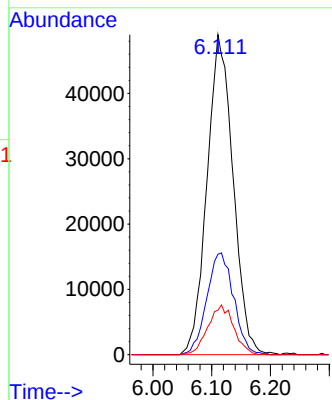
#19
1,1-Dichloroethane
Concen: 27.894 ug/L
RT: 6.111 min Scan# 769
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :
VSTD025125



Tgt Ion: 63 Resp: 150678

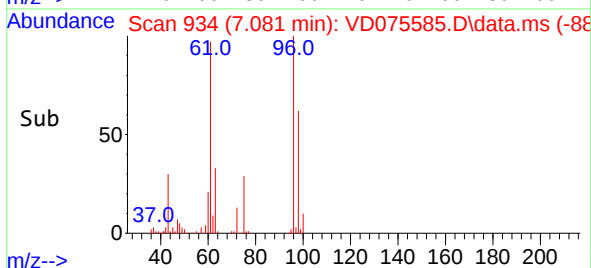
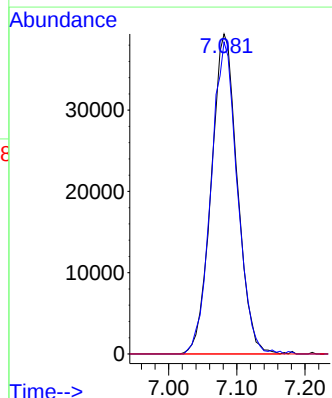
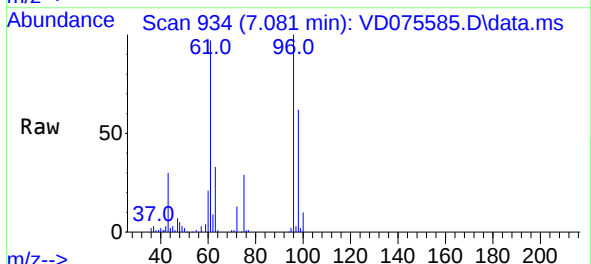
Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.1	42.9
83	13.9	11.2	20.8

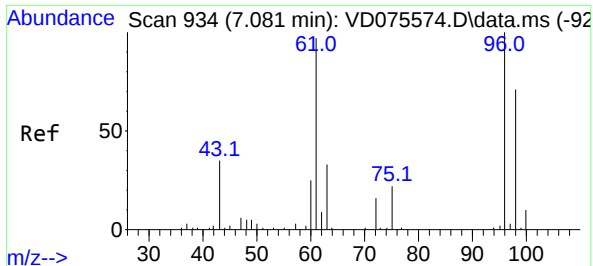


#20
cis-1,2-Dichloroethene
Concen: 28.356 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 96 Resp: 104926

Ion	Ratio	Lower	Upper
96	100		
61	97.5	64.8	120.4
68	0.0	0.0	0.0

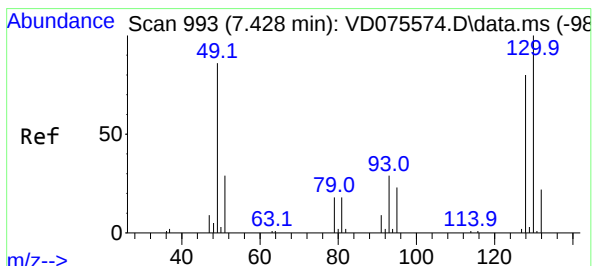
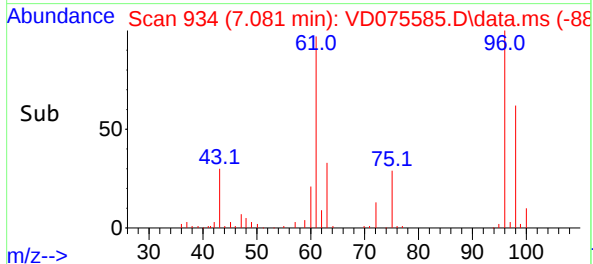
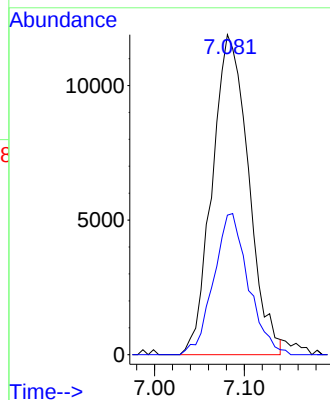
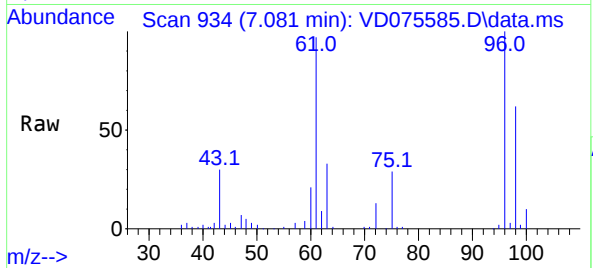




#22
2-Butanone
Concen: 56.667 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

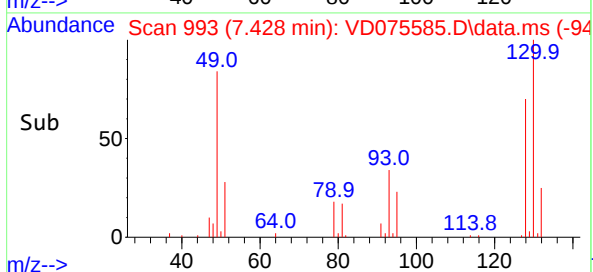
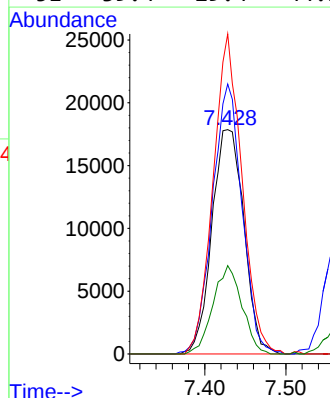
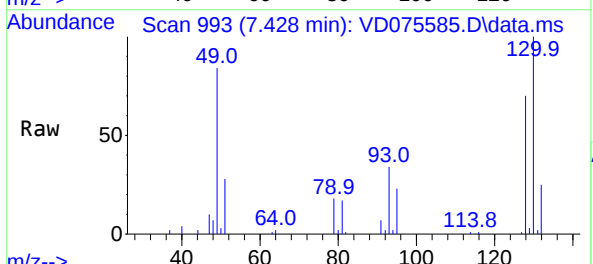
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

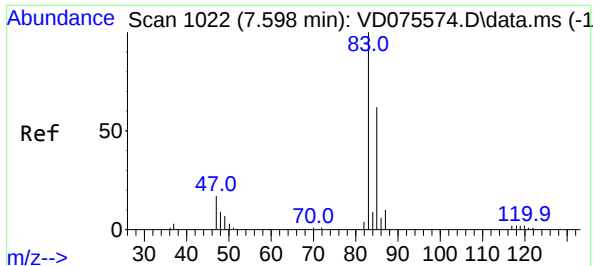
Tgt Ion: 43 Resp: 33406
Ion Ratio Lower Upper
43 100
72 42.3 21.3 63.9



#23
Bromochloromethane
Concen: 28.027 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:128 Resp: 48899
Ion Ratio Lower Upper
128 100
49 120.3 75.0 139.4
130 142.6 87.4 162.2
51 39.4 29.4 44.2





#25

Chloroform

Concen: 28.216 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

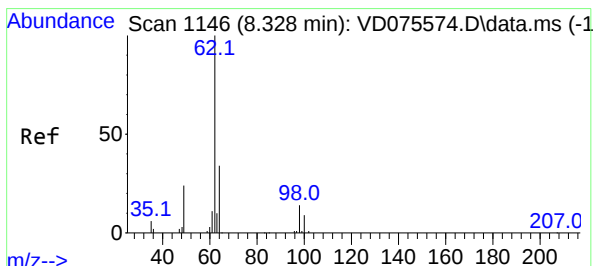
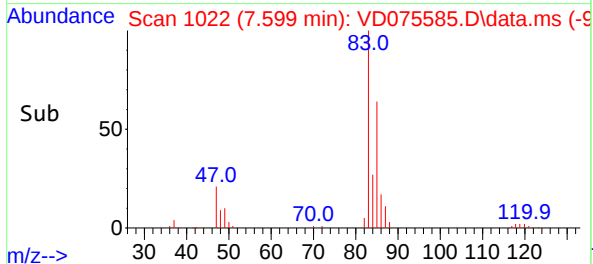
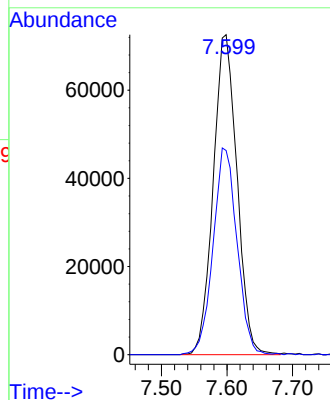
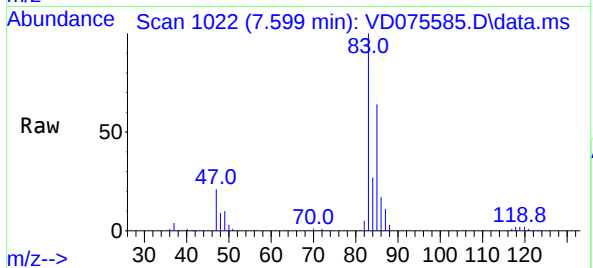
VSTD025125

Tgt Ion: 83 Resp: 182560

Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 27.395 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075585.D

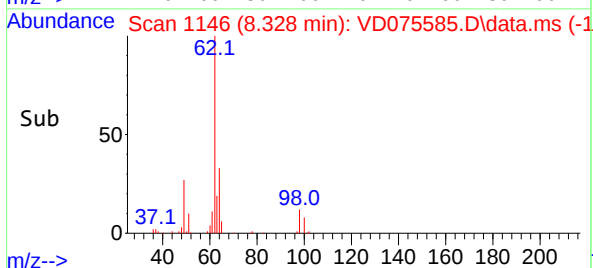
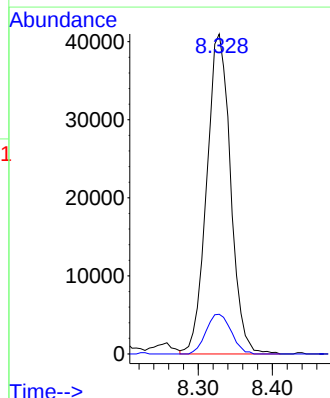
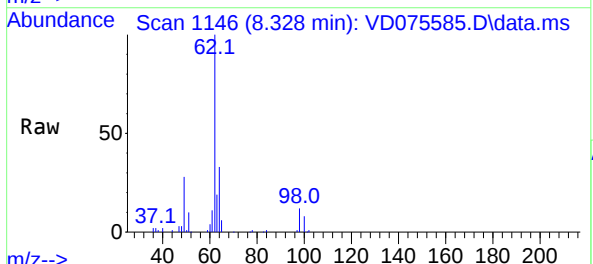
Acq: 05 Apr 2023 18:37

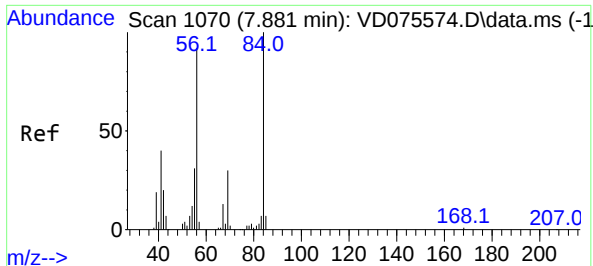
Tgt Ion: 62 Resp: 91617

Ion Ratio Lower Upper

62 100

98 12.4 10.5 15.7





#29

Cyclohexane

Concen: 22.971 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTD025125

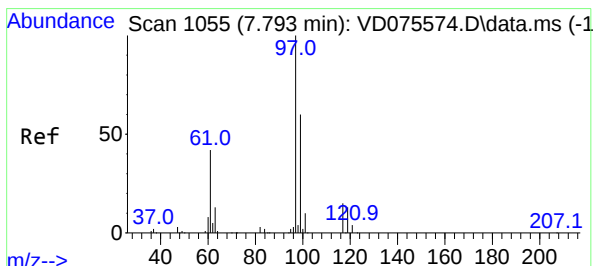
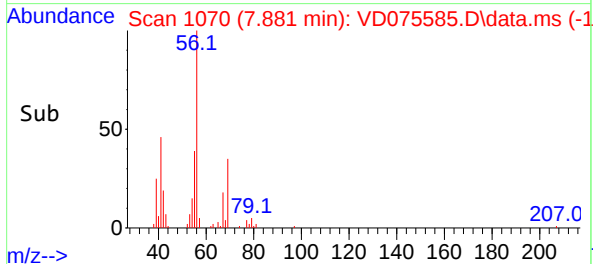
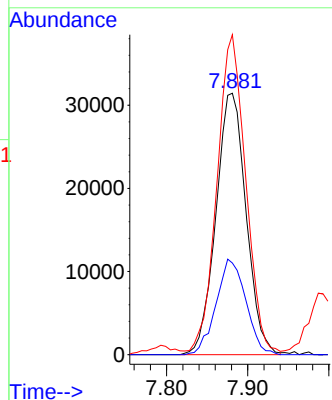
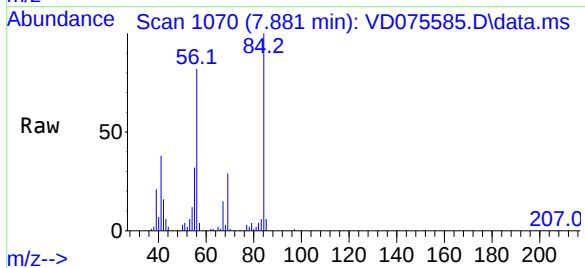
Tgt Ion: 56 Resp: 81324

Ion Ratio Lower Upper

56 100

69 36.0 28.3 42.5

84 116.8 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 24.963 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

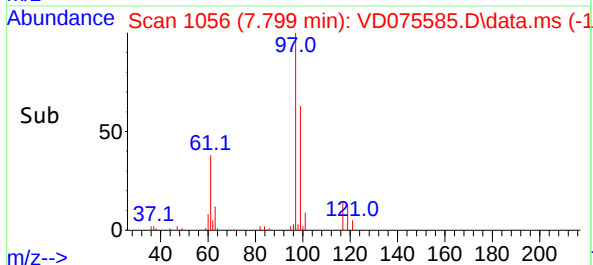
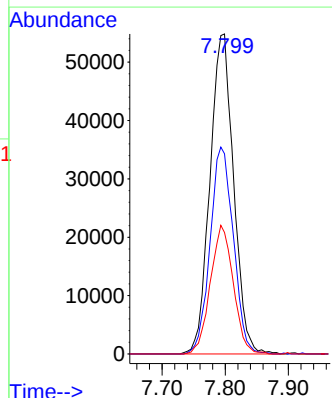
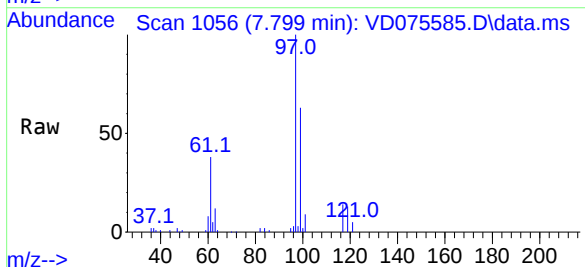
Tgt Ion: 97 Resp: 142665

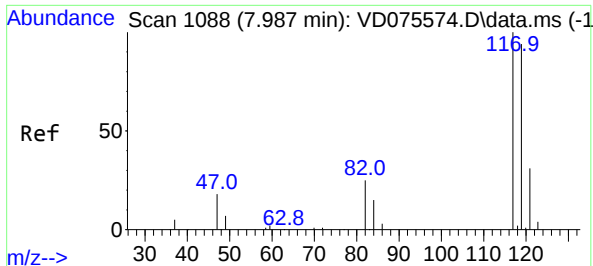
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.2

61 38.9 32.2 48.2

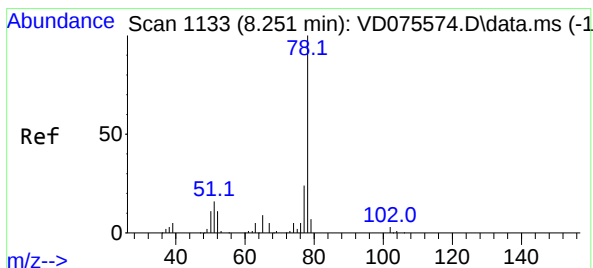
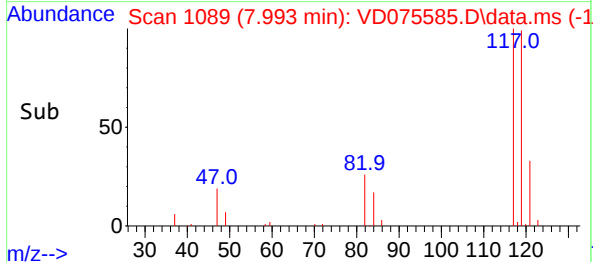
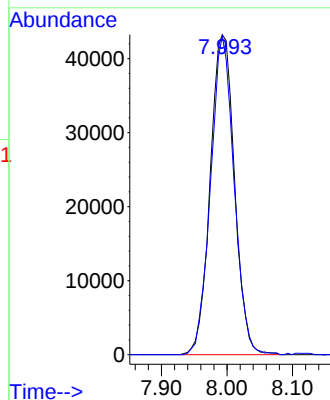
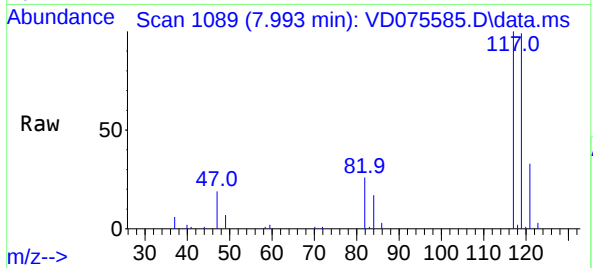




#31
Carbon tetrachloride
Concen: 24.091 ug/L
RT: 7.993 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

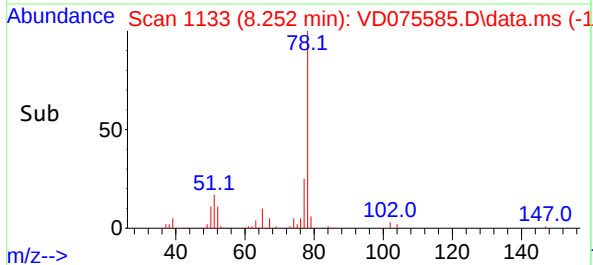
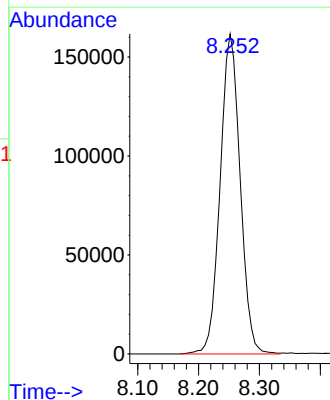
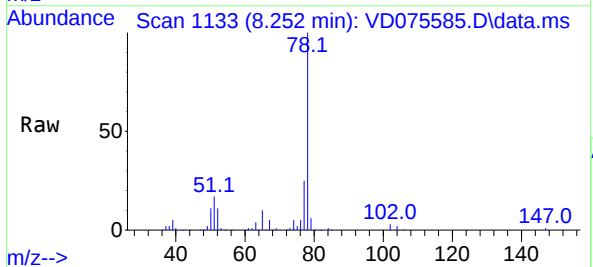
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

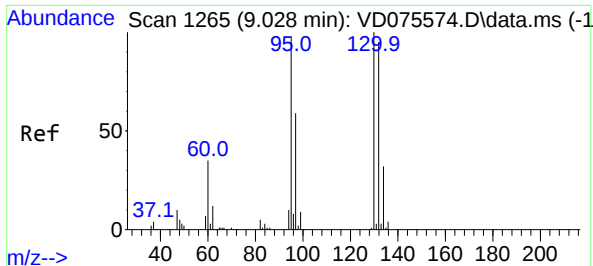
Tgt Ion:117 Resp: 111145
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6



#33
Benzene
Concen: 24.734 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 78 Resp: 369239



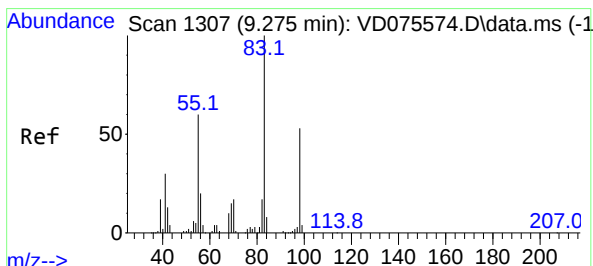
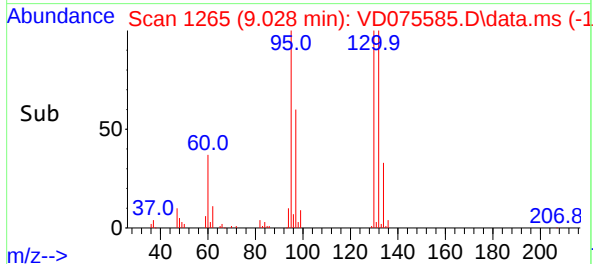
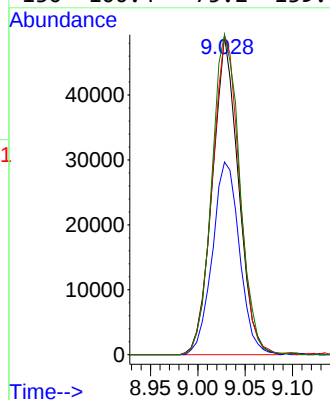
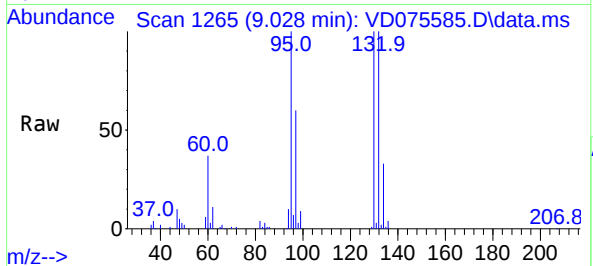


#34
Trichloroethene
Concen: 22.457 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

Tgt Ion: 95 Resp: 93923

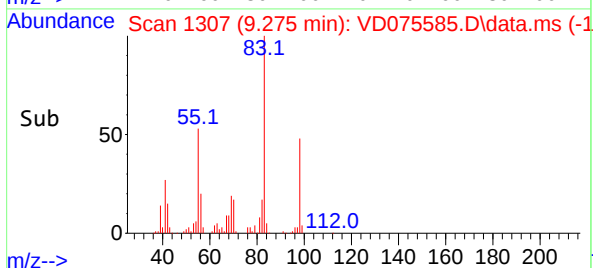
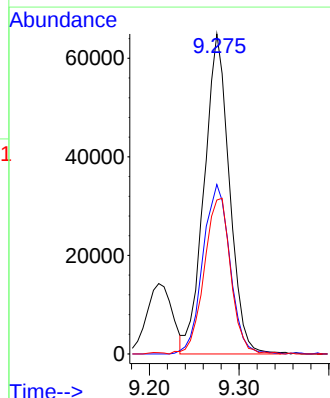
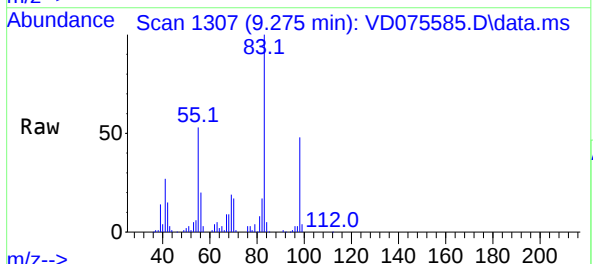
Ion	Ratio	Lower	Upper
95	100		
97	60.4	47.0	87.2
132	99.9	71.2	132.2
130	100.4	75.2	139.6

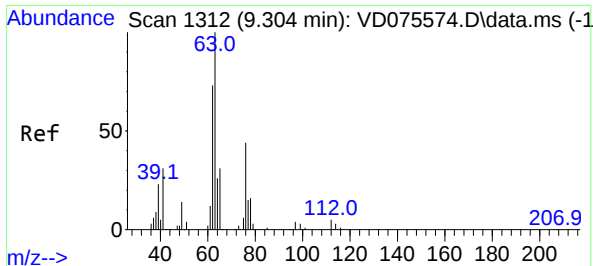


#35
Methylcyclohexane
Concen: 23.190 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 83 Resp: 126862

Ion	Ratio	Lower	Upper
83	100		
55	56.7	46.9	70.3
98	50.9	40.8	61.2

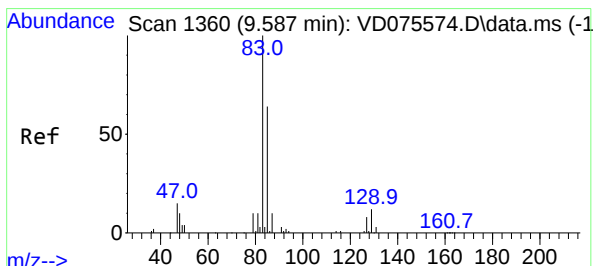
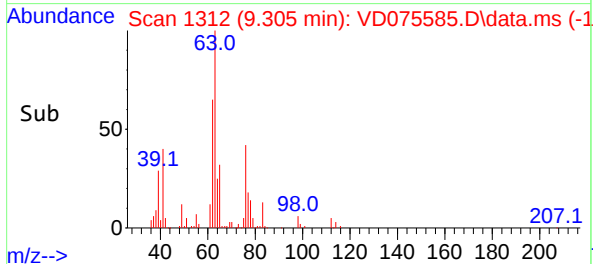
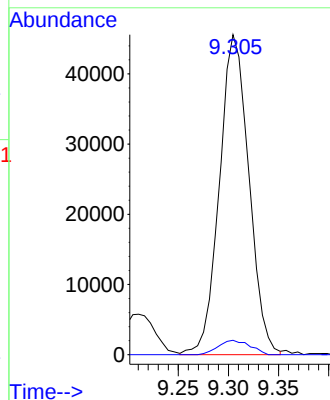
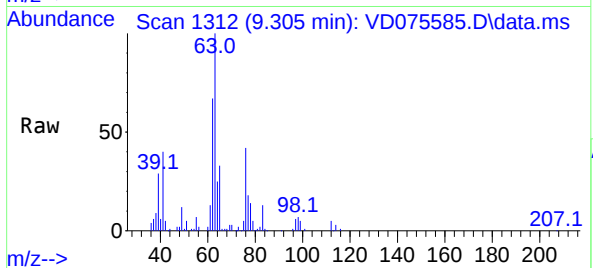




#37
1,2-Dichloropropane
Concen: 26.560 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

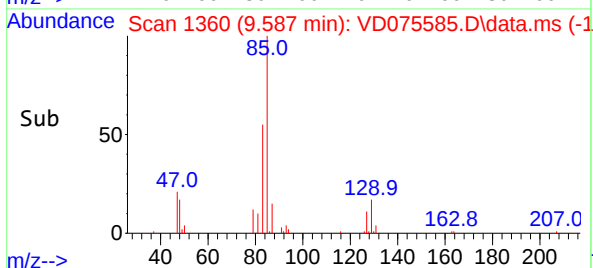
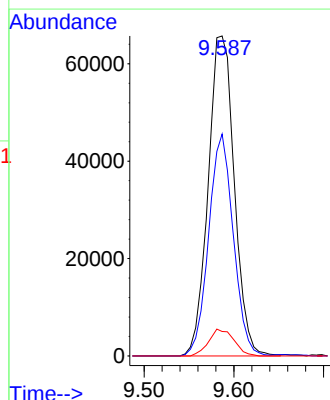
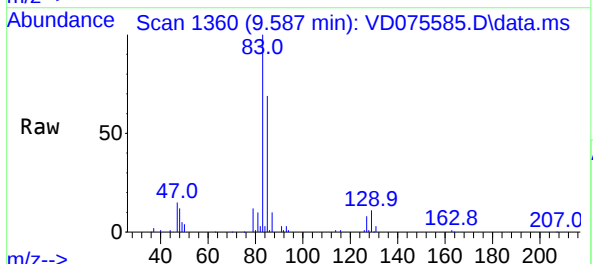
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

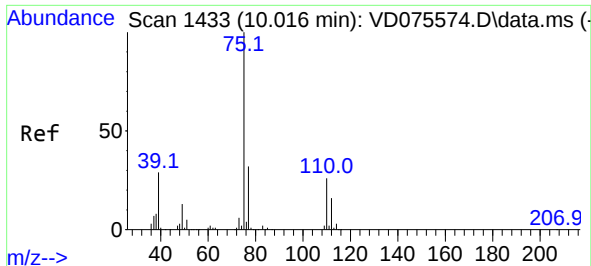
Tgt Ion: 63 Resp: 93284
Ion Ratio Lower Upper
63 100
112 4.8 4.7 7.1



#38
Bromodichloromethane
Concen: 26.607 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 83 Resp: 133092
Ion Ratio Lower Upper
83 100
85 69.4 45.1 83.9
127 7.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.328 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

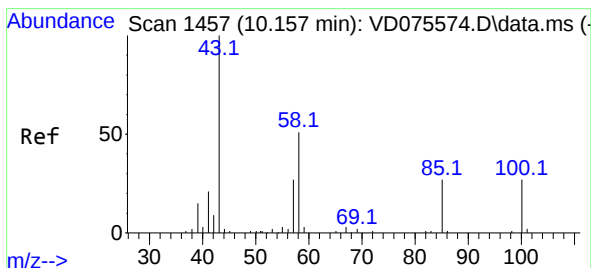
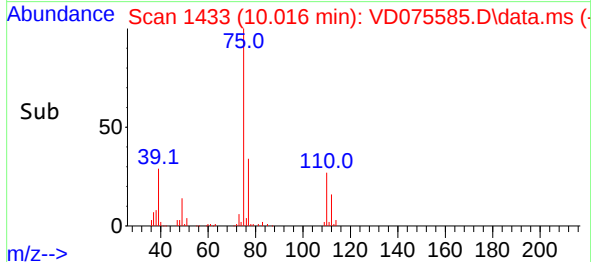
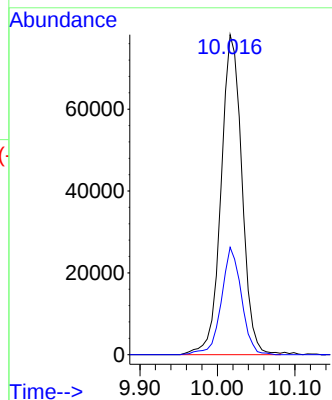
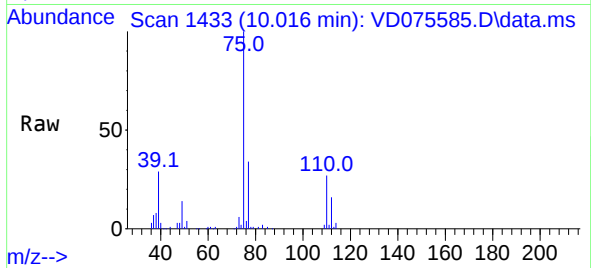
VSTD025125

Tgt Ion: 75 Resp: 146610

Ion Ratio Lower Upper

75 100

77 33.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 55.820 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.005 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

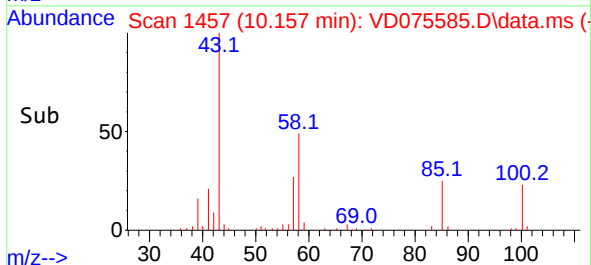
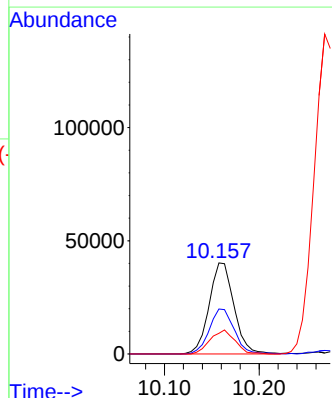
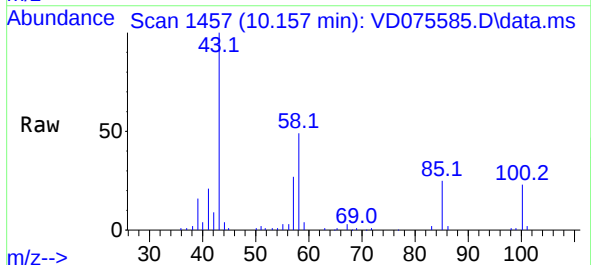
Tgt Ion: 43 Resp: 73483

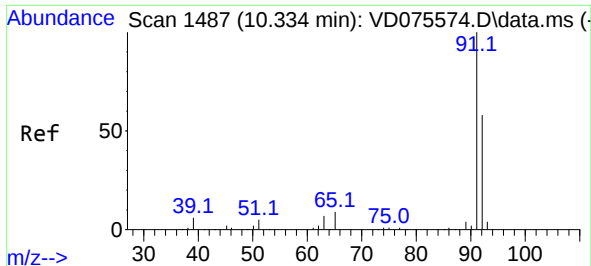
Ion Ratio Lower Upper

43 100

58 49.5 39.4 59.0

100 25.8 20.3 30.5

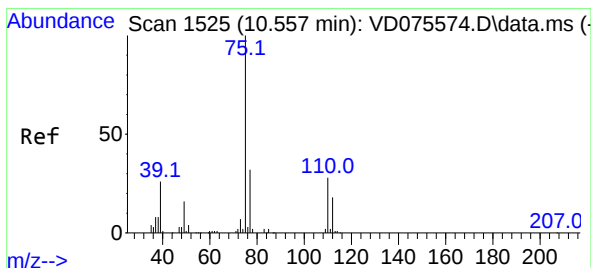
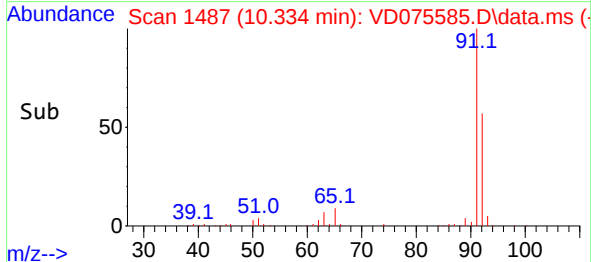
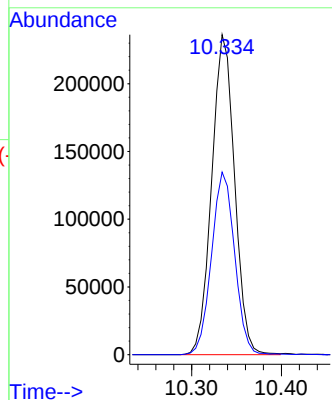
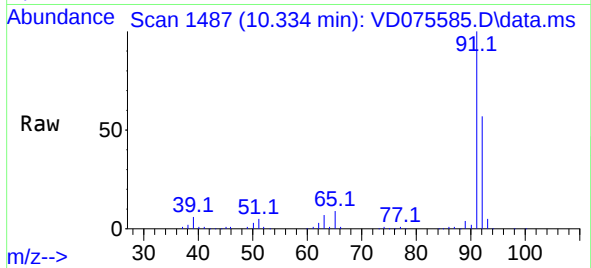




#42
Toluene
Concen: 25.201 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

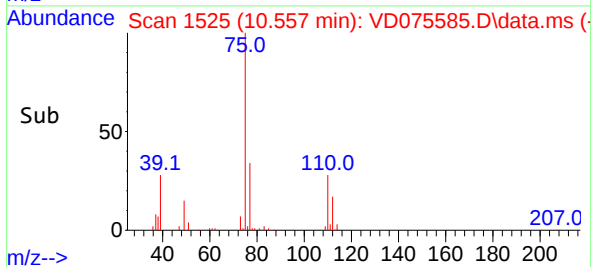
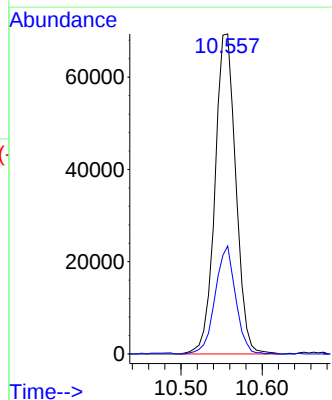
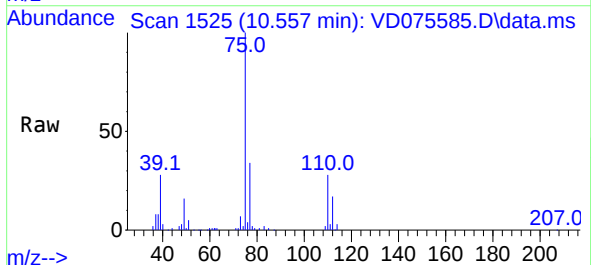
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

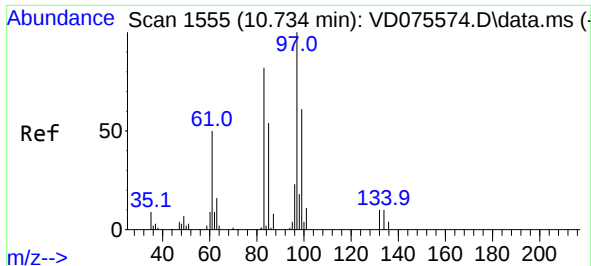
Tgt Ion: 91 Resp: 417994
Ion Ratio Lower Upper
91 100
92 57.1 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 26.228 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 75 Resp: 124177
Ion Ratio Lower Upper
75 100
77 33.8 22.1 41.1

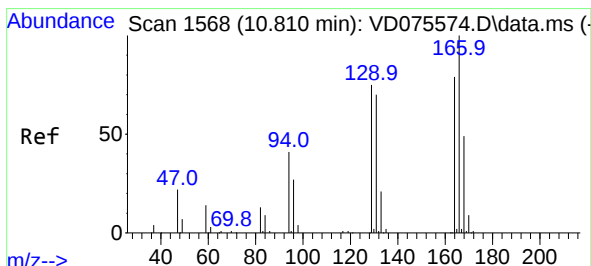
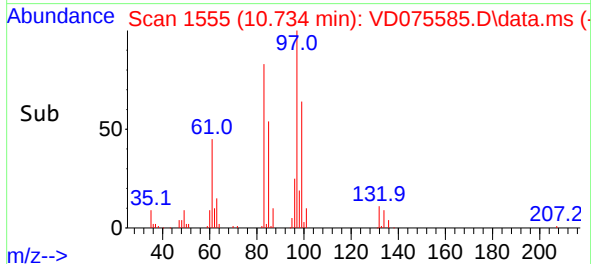
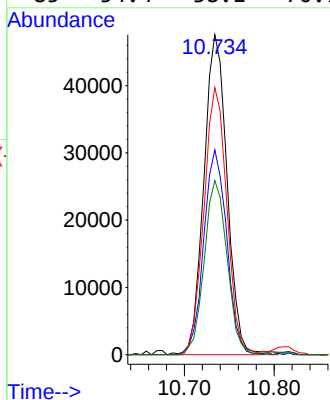
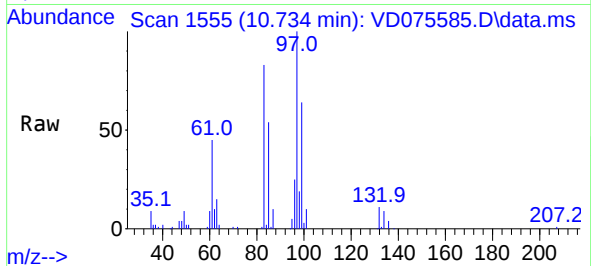




#45
1,1,2-Trichloroethane
Concen: 26.528 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

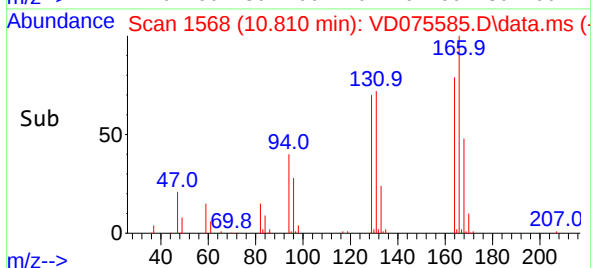
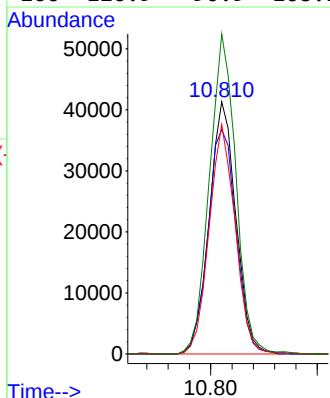
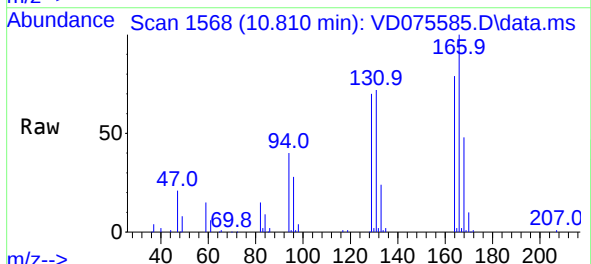
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

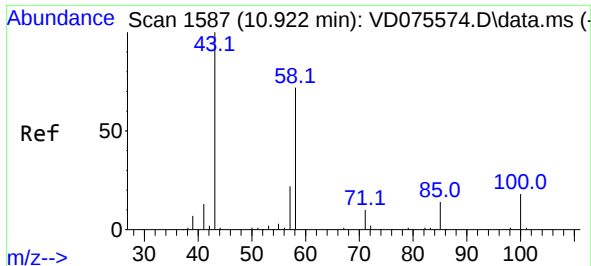
Tgt Ion: 97	Resp: 85500
Ion Ratio	Lower Upper
97 100	
99 64.0	46.4 86.2
83 83.5	57.1 106.1
85 54.4	38.1 70.7



#46
Tetrachloroethene
Concen: 21.890 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

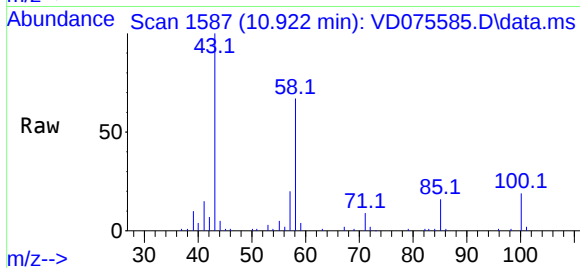
Tgt Ion: 164	Resp: 71700
Ion Ratio	Lower Upper
164 100	
129 88.9	64.8 120.3
131 91.0	61.7 114.7
166 126.9	90.9 168.9





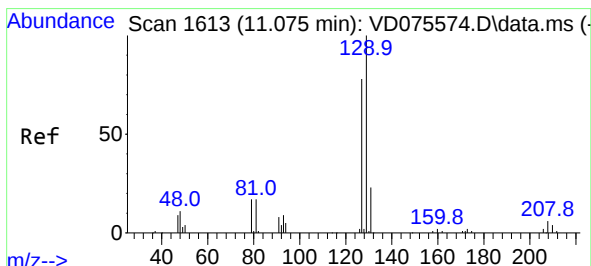
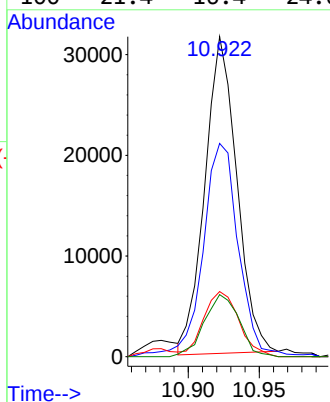
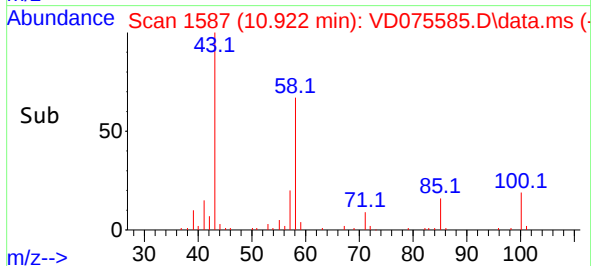
#48
2-Hexanone
Concen: 55.636 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :
VSTD025125



Tgt Ion: 43 Resp: 49360

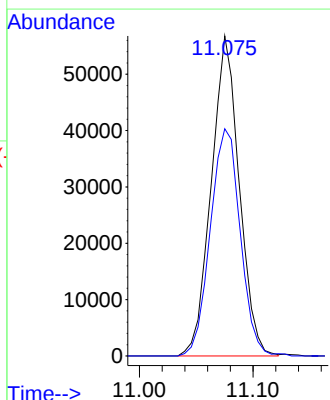
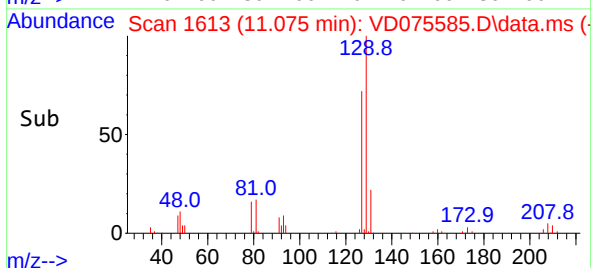
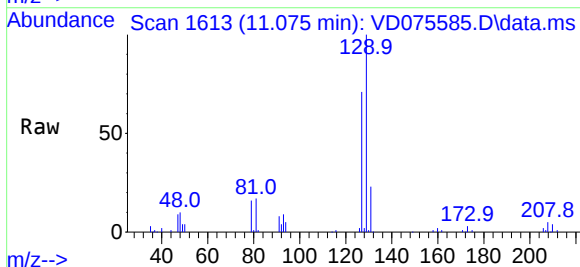
Ion	Ratio	Lower	Upper
43	100		
58	74.0	55.8	83.6
57	22.8	18.6	27.8
100	21.4	16.4	24.6

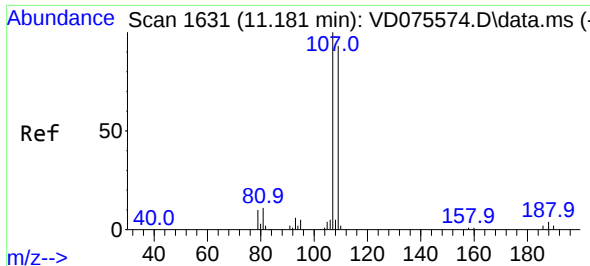


#49
Dibromochloromethane
Concen: 27.817 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 129 Resp: 97066

Ion	Ratio	Lower	Upper
129	100		
127	71.0	54.5	101.1

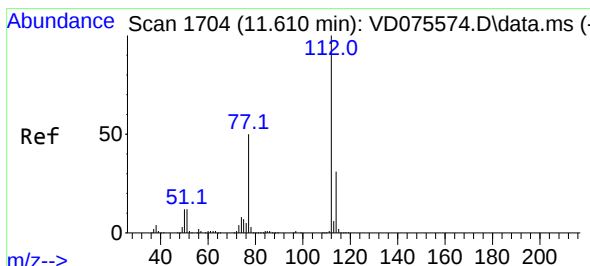
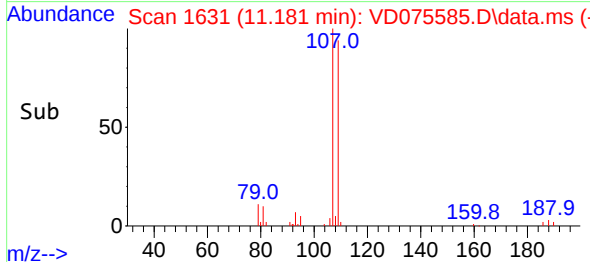
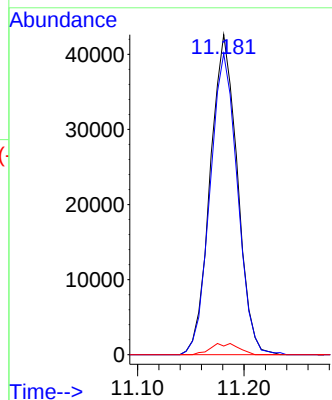
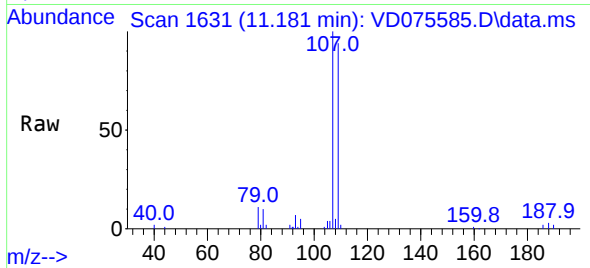




#50
1,2-Dibromoethane
Concen: 26.590 ug/L
RT: 11.181 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

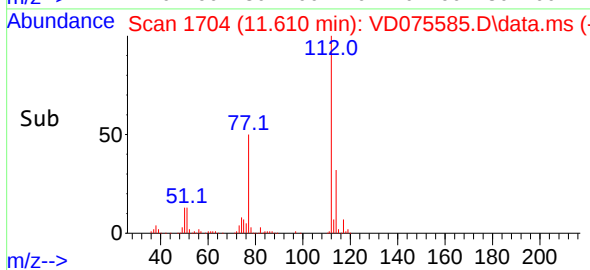
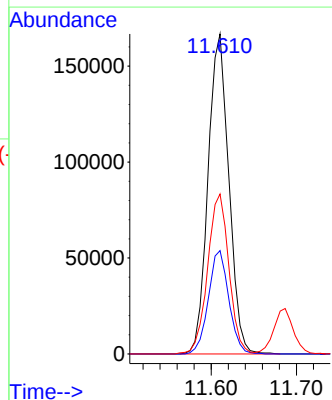
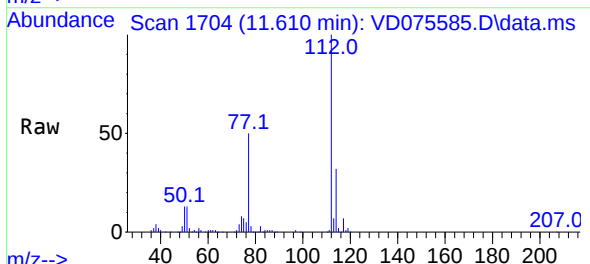
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

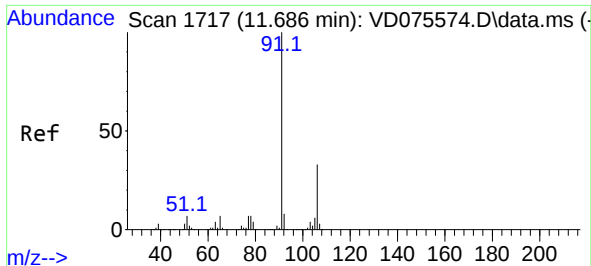
Tgt Ion:107 Resp: 75087
Ion Ratio Lower Upper
107 100
109 94.1 64.8 120.3
188 2.7 3.4 5.0#



#51
Chlorobenzene
Concen: 25.298 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:112 Resp: 282597
Ion Ratio Lower Upper
112 100
114 32.3 21.1 39.1
77 50.0 37.8 56.6

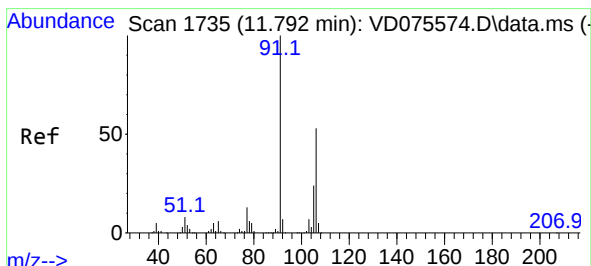
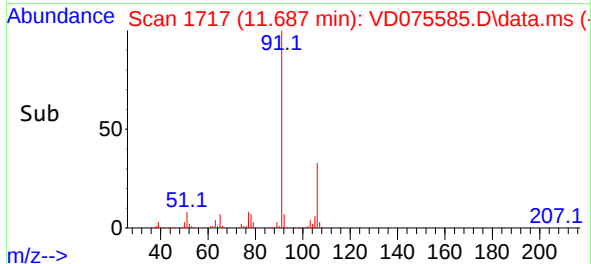
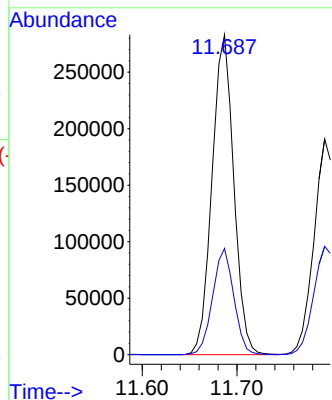
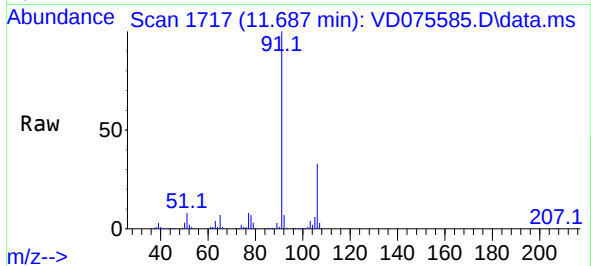




#52
Ethylbenzene
Concen: 25.940 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

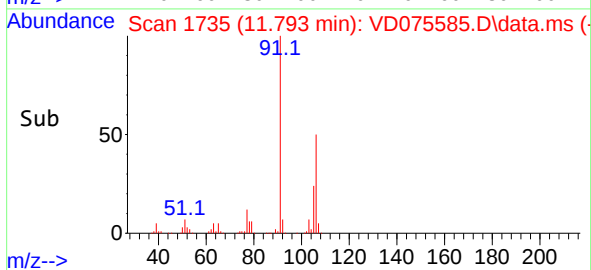
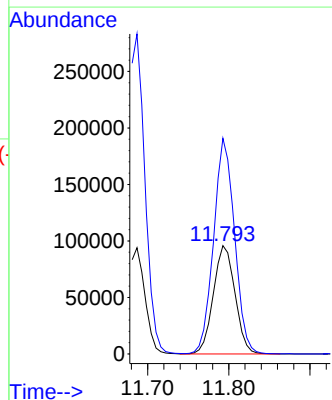
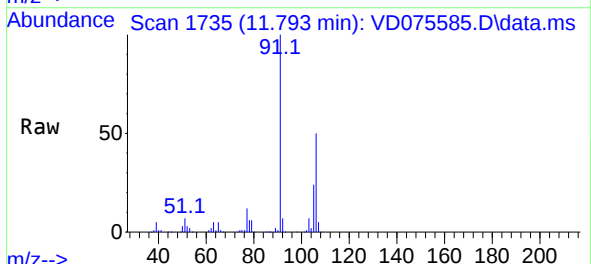
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

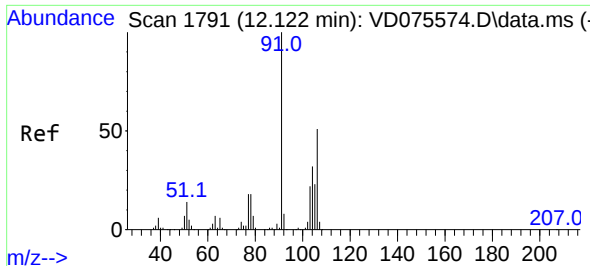
Tgt Ion: 91 Resp: 452432
Ion Ratio Lower Upper
91 100
106 33.2 23.2 43.2



#53
m,p-Xylene
Concen: 26.003 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 106 Resp: 177840
Ion Ratio Lower Upper
106 100
91 199.0 126.7 235.3

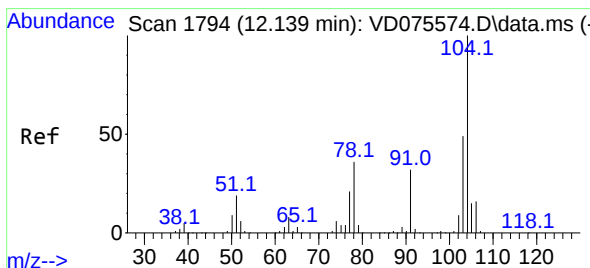
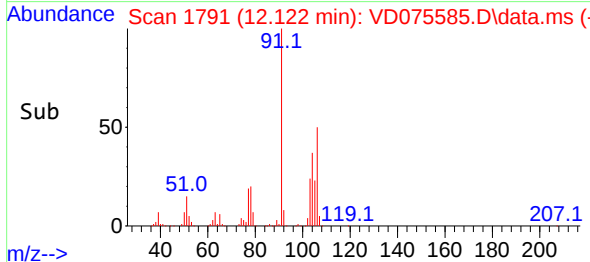
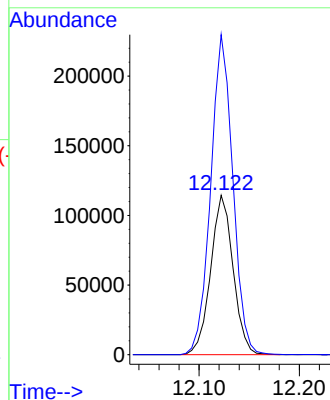
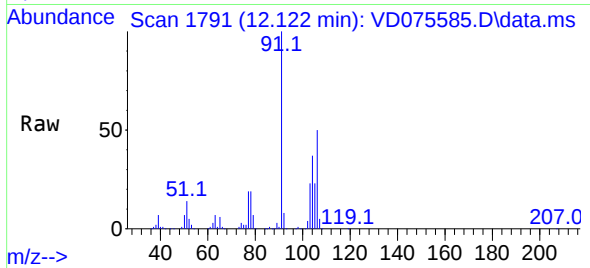




#54
o-Xylene
Concen: 27.366 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

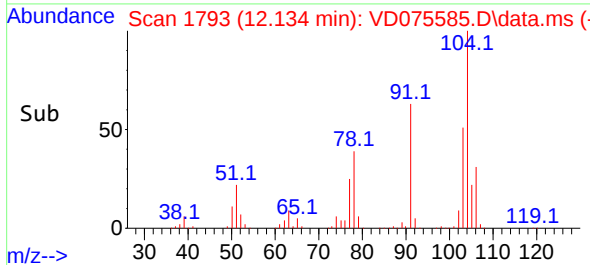
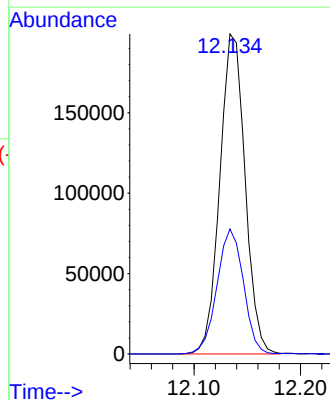
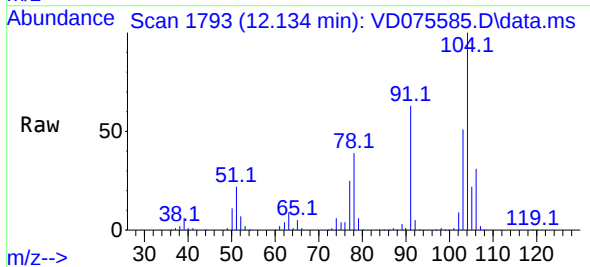
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

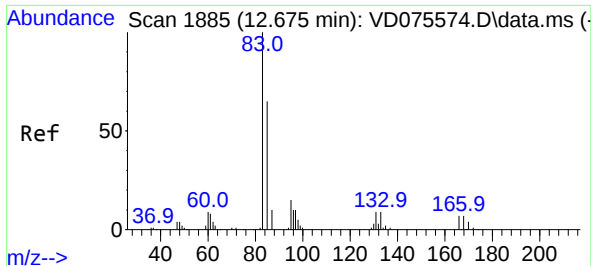
Tgt Ion:106 Resp: 178218
Ion Ratio Lower Upper
106 100
91 200.8 138.3 256.9



#55
Styrene
Concen: 28.258 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:104 Resp: 327915
Ion Ratio Lower Upper
104 100
78 39.1 25.8 47.8

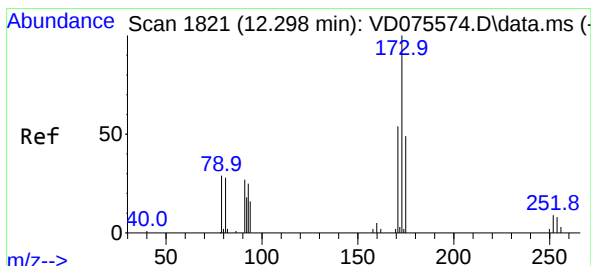
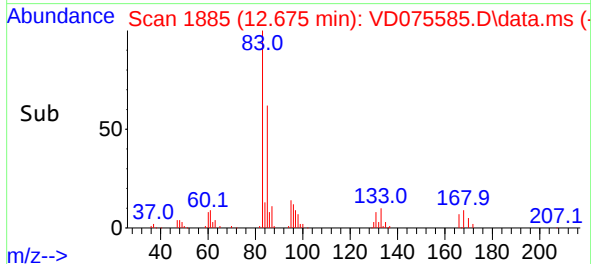
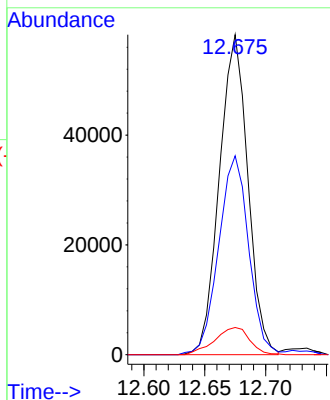
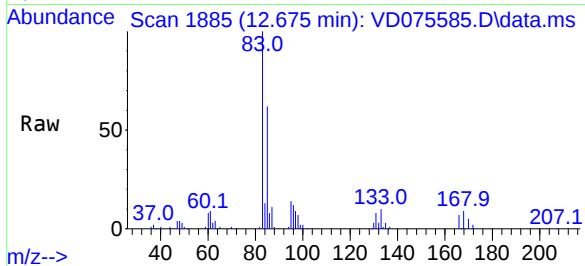




#57
1,1,2,2-Tetrachloroethane
Concen: 28.519 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

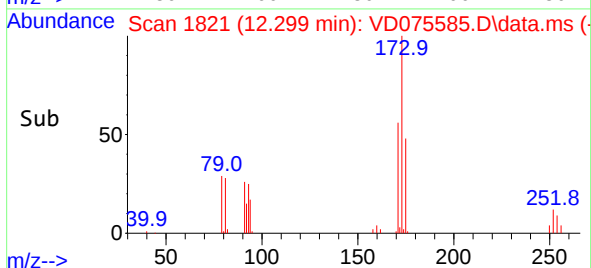
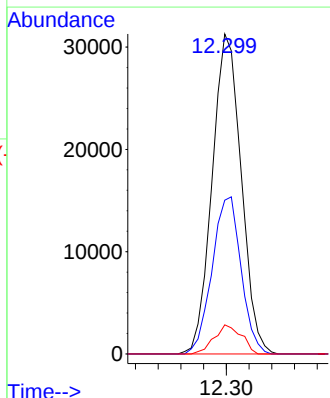
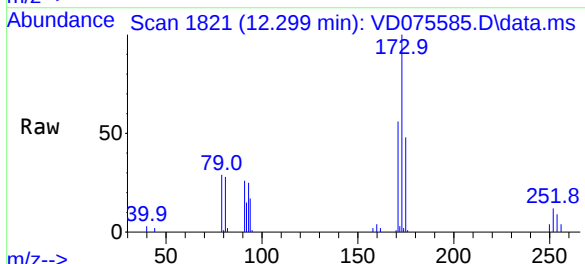
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

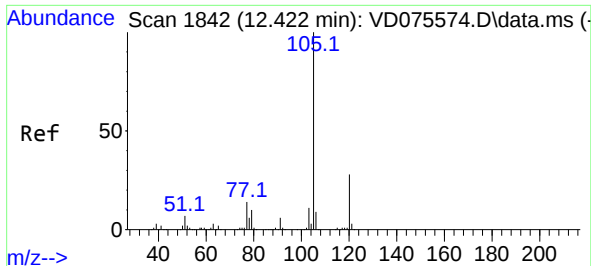
Tgt Ion:	83	Resp:	94858
Ion	Ratio	Lower	Upper
83	100		
85	62.2	48.7	90.5
131	8.5	9.3	13.9#



#59
Bromoform
Concen: 25.114 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:	173	Resp:	55572
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.7	58.1
254	8.5	7.7	11.5

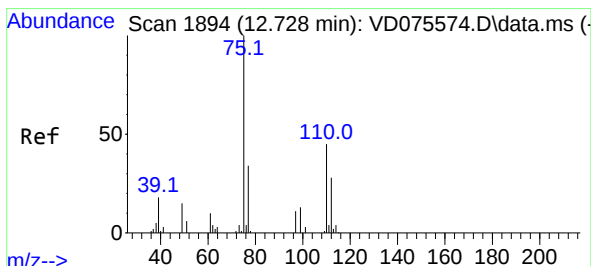
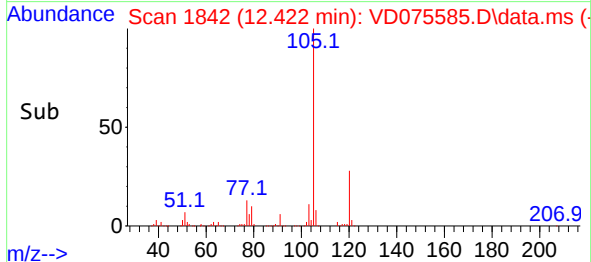
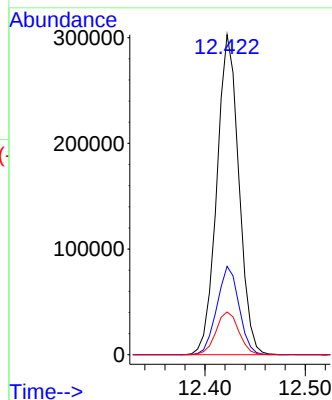
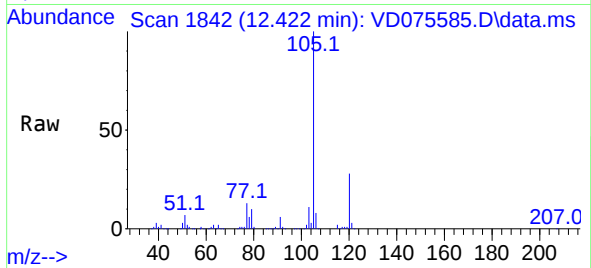




#60
Isopropylbenzene
Concen: 24.443 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

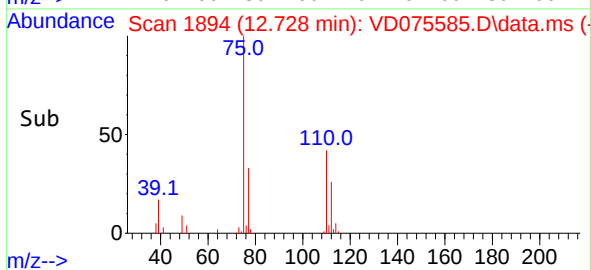
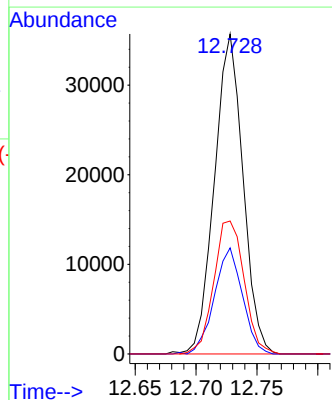
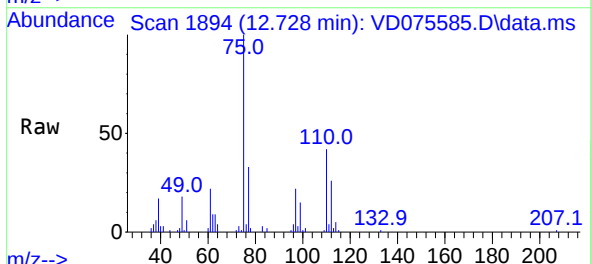
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

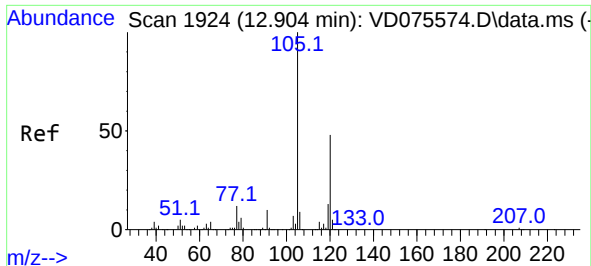
Tgt Ion:105 Resp: 461772
Ion Ratio Lower Upper
105 100
120 27.7 22.5 33.7
77 13.8 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 25.689 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion: 75 Resp: 58177
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 44.2 35.9 53.9

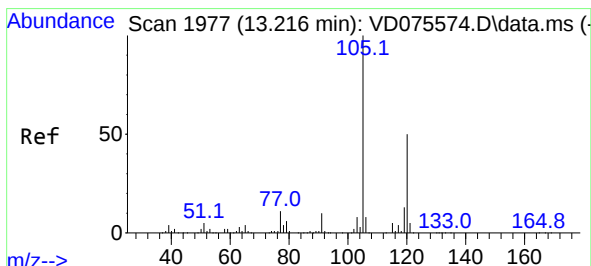
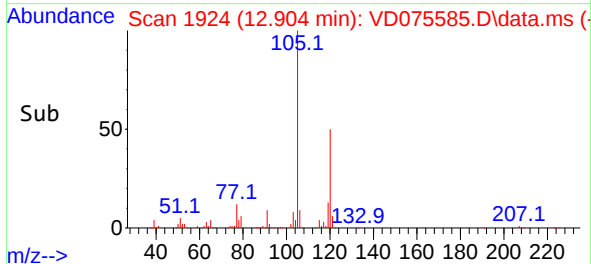
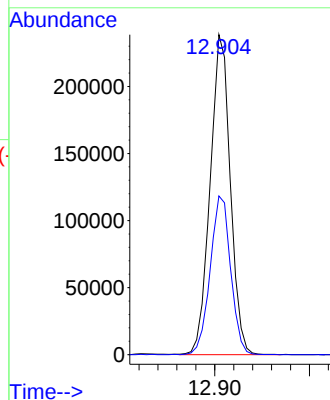
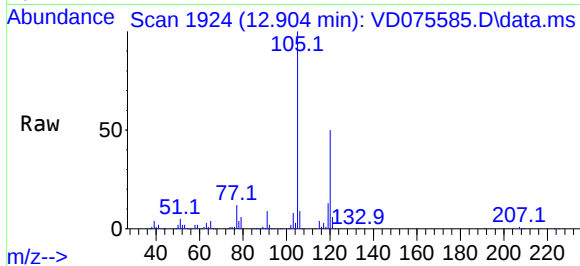




#62
1,3,5-Trimethylbenzene
Concen: 24.675 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

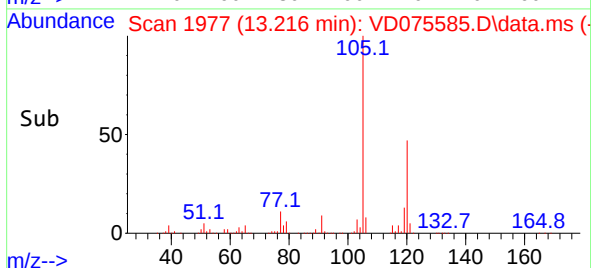
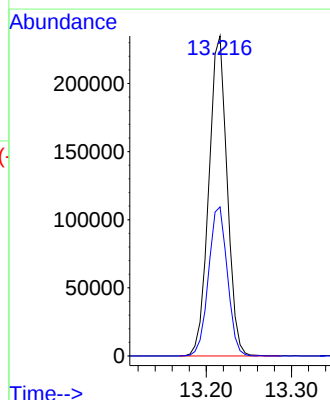
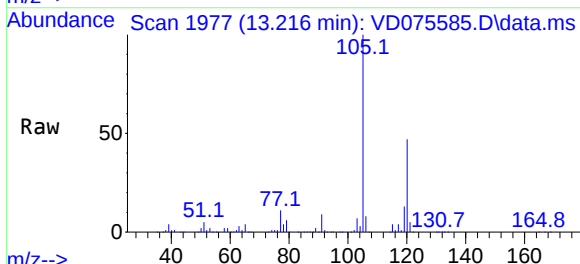
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

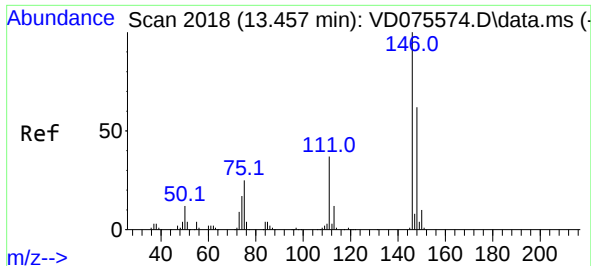
Tgt Ion:105 Resp: 351606
Ion Ratio Lower Upper
105 100
120 50.5 41.1 61.7



#63
1,2,4-Trimethylbenzene
Concen: 25.701 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:105 Resp: 350213
Ion Ratio Lower Upper
105 100
120 47.8 39.0 58.4

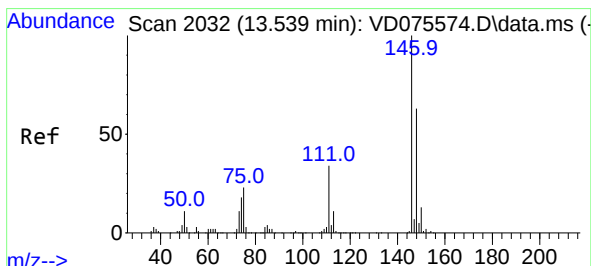
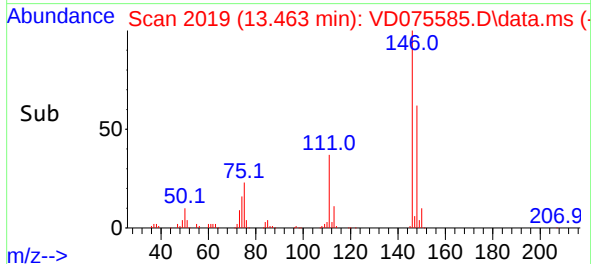
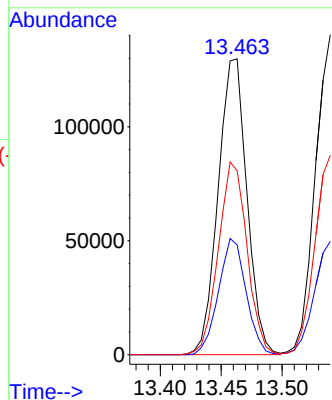
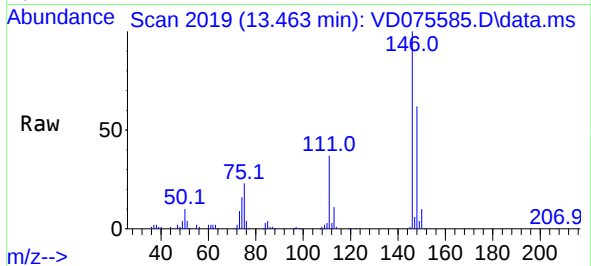




#64
1,3-Dichlorobenzene
Concen: 24.992 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

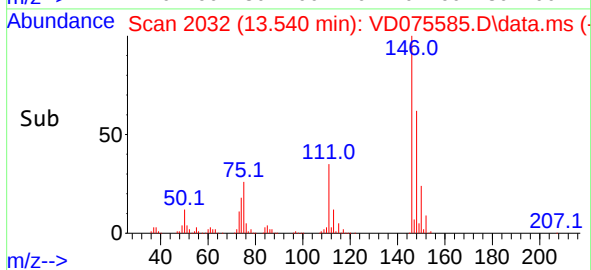
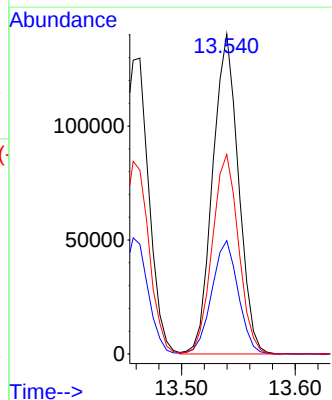
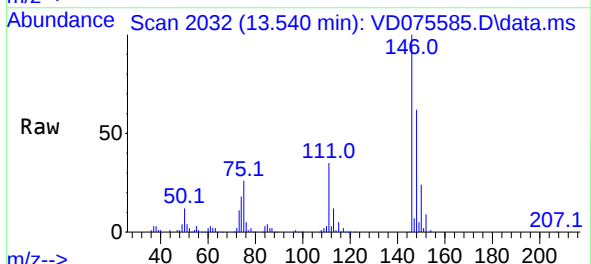
Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

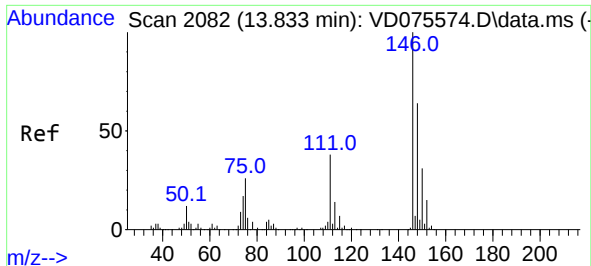
Tgt Ion:146 Resp: 213794
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 62.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 24.816 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:146 Resp: 221431
Ion Ratio Lower Upper
146 100
111 35.4 26.0 48.4
148 62.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 25.319 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTD025125

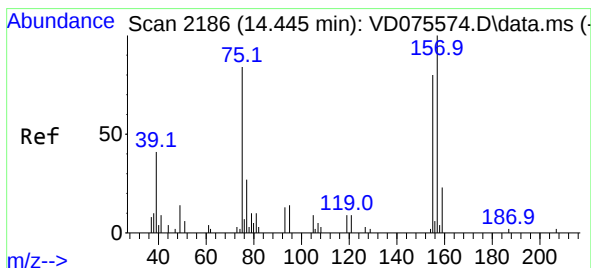
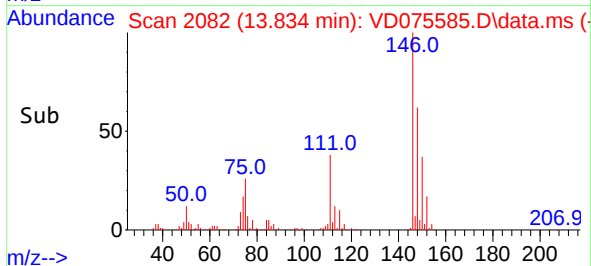
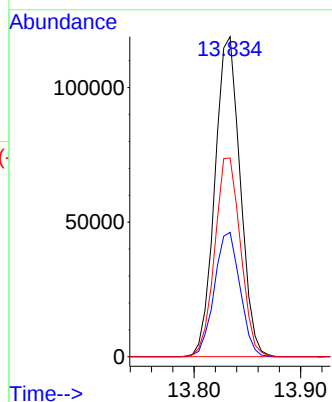
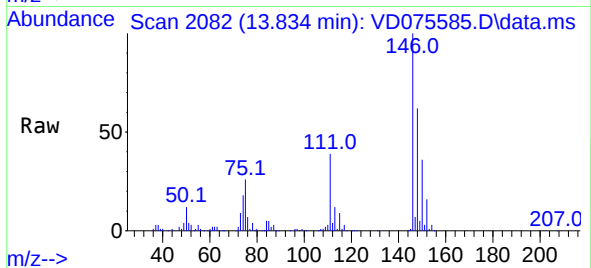
Tgt Ion:146 Resp: 196167

Ion Ratio Lower Upper

146 100

111 38.9 31.3 46.9

148 62.1 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.001 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075585.D

Acq: 05 Apr 2023 18:37

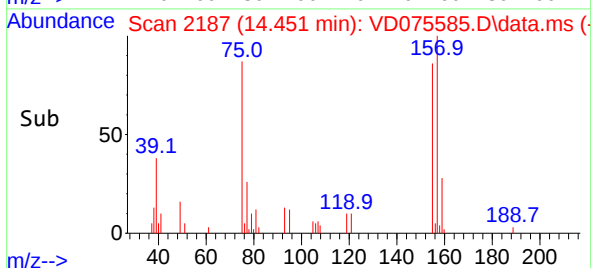
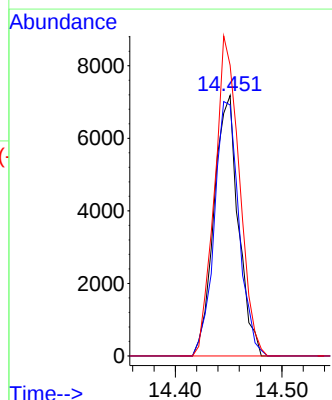
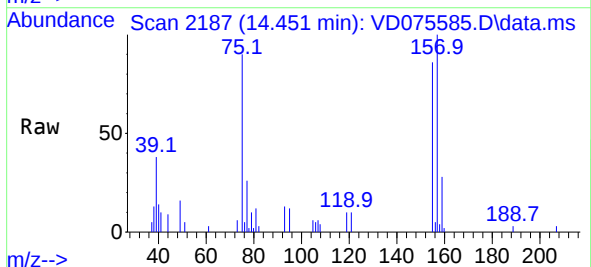
Tgt Ion: 75 Resp: 11402

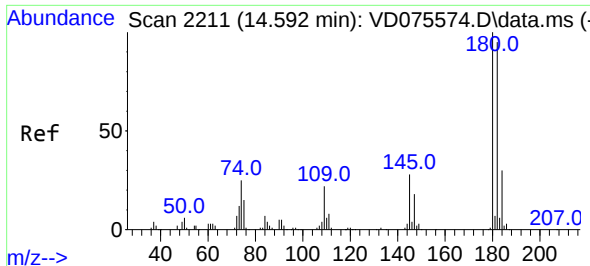
Ion Ratio Lower Upper

75 100

155 96.4 70.6 106.0

157 111.6 111.3 166.9



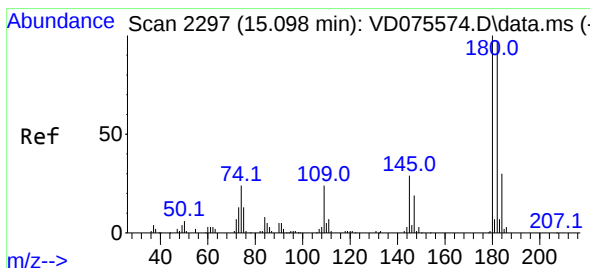
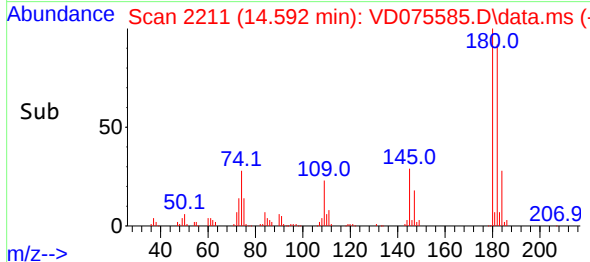
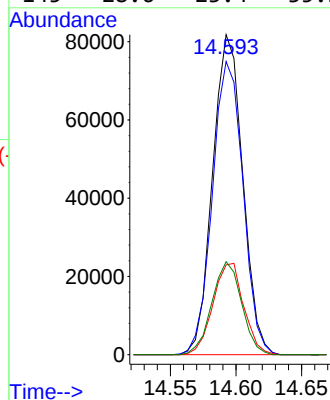
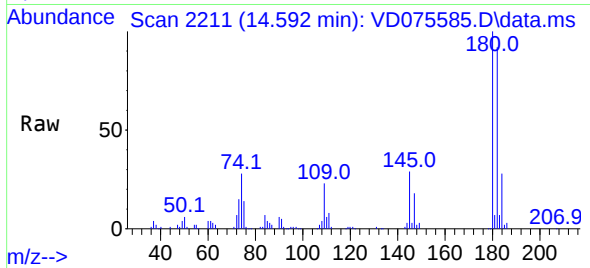


#69
1,3,5-Trichlorobenzene
Concen: 24.735 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

Tgt Ion:180 Resp: 130487

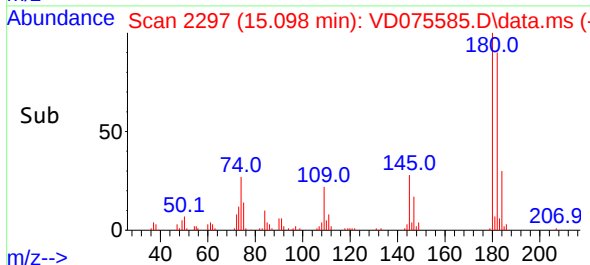
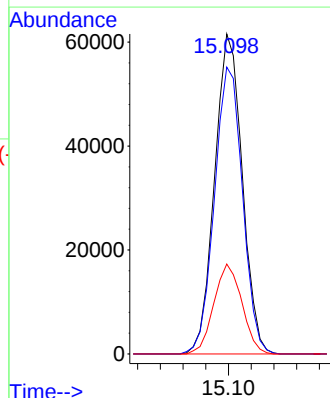
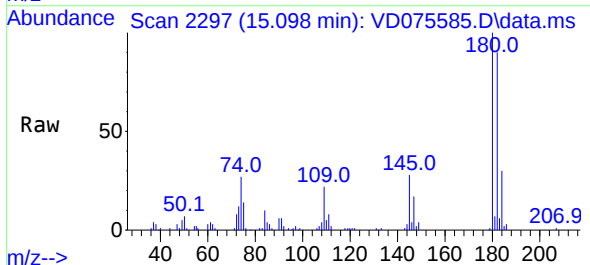
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.9	115.3
184	29.1	24.6	36.8
145	28.6	23.4	35.2

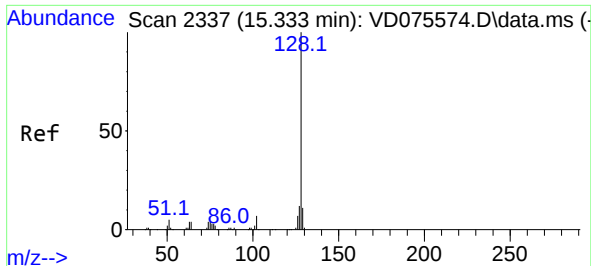


#70
1,2,4-trichlorobenzene
Concen: 24.352 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.005 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:180 Resp: 104002

Ion	Ratio	Lower	Upper
180	100		
182	91.1	74.2	111.2
145	28.5	22.9	34.3

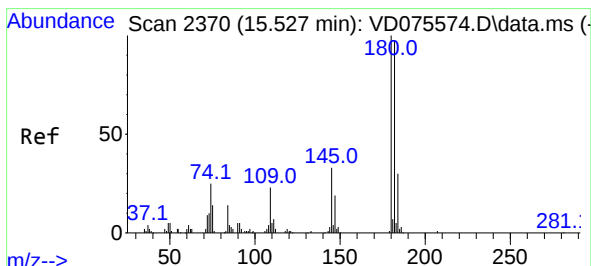
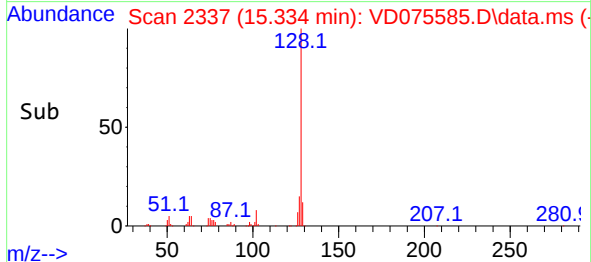
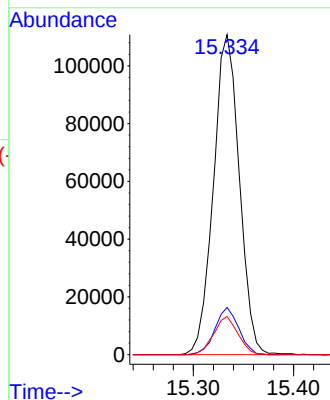
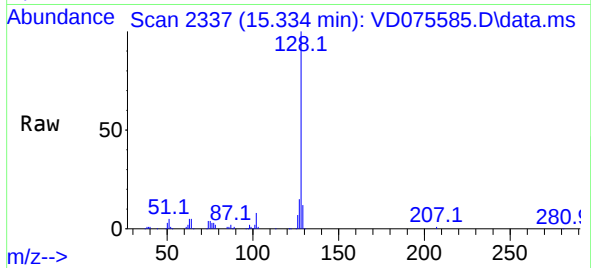




#71
Naphthalene
Concen: 25.159 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Instrument :
MSVOA_D
ClientSampleId :
VSTD025125

Tgt Ion:	128	Resp:	198659
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.2	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.280 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075585.D
Acq: 05 Apr 2023 18:37

Tgt Ion:	180	Resp:	96710
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.0
145	30.8	25.2	37.8

