

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076606.D
 Acq On : 27 Jun 2023 21:25
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025161

Quant Time: Jun 28 05:06:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	222835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	204593	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	104269	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	129116	23.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
7) Chloroethane-d5	2.793	69	102787	23.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.680%
11) 1,1-Dichloroethene-d2	3.911	65	35383	24.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.920%
21) 2-Butanone-d5	7.069	46	1186	1.443	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.880%#
24) Chloroform-d	7.569	84	154754	26.360	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.440%
26) 1,2-Dichloroethane-d4	8.228	65	79065	27.299	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	8.199	84	312763	24.990	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.960%
36) 1,2-Dichloropropane-d6	9.210	67	97677	24.451	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.800%
41) Toluene-d8	10.269	98	292243	25.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.880%
43) trans-1,3-Dichloroprop...	10.528	79	40543	24.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.600%
47) 2-Hexanone-d5	10.881	63	31667	51.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	81903	28.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	96300	25.197	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	90479	26.057	ug/L	100
3) Chloromethane	2.146	50	150485	26.070	ug/L	96
5) Vinyl chloride	2.275	62	154468	24.806	ug/L	95
6) Bromomethane	2.687	94	75877	21.999	ug/L	98
8) Chloroethane	2.828	64	95892	25.140	ug/L	93
9) Trichlorofluoromethane	3.164	101	127735	28.370	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	77123	26.407	ug/L	97
12) 1,1-Dichloroethene	3.934	96	74613	25.800	ug/L	92
13) Acetone	4.016	43	25957	39.103	ug/L	75
14) Carbon disulfide	4.263	76	271927	25.939	ug/L	99
15) Methyl Acetate	4.563	43	40329	26.614	ug/L #	90
16) Methylene chloride	4.799	84	94644	24.436	ug/L	90
17) trans-1,2-Dichloroethene	5.305	96	84061	26.072	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	193572	26.371	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	155066	26.306	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	95029	26.391	ug/L	94
22) 2-Butanone	7.081	43	53237	49.696	ug/L	98
23) Bromochloromethane	7.428	128	43607	28.534	ug/L	96
25) Chloroform	7.593	83	158129	27.487	ug/L	97

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 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

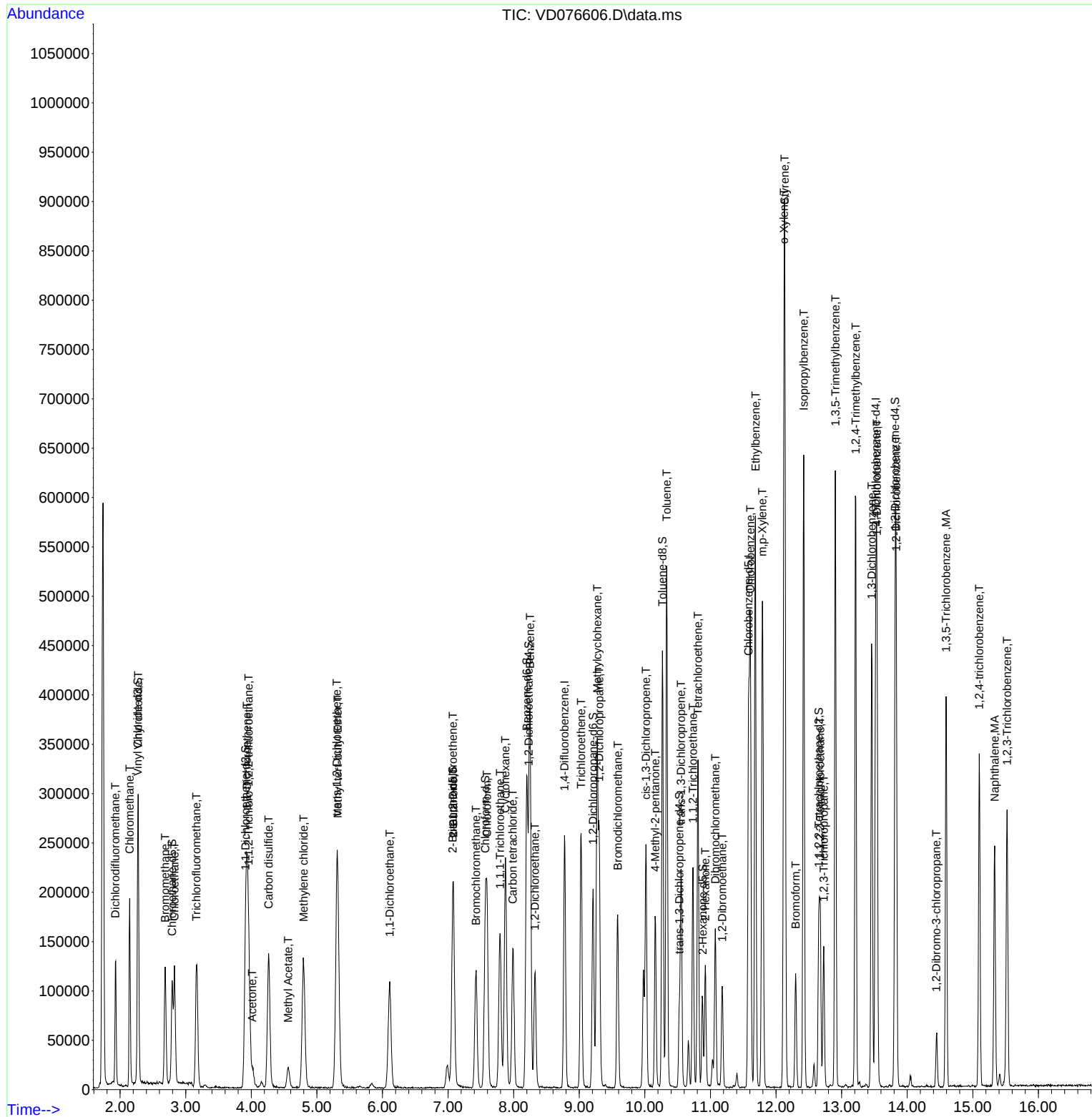
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	100342	28.362	ug/L	98
29) Cyclohexane	7.875	56	125883	23.138	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	128936	27.128	ug/L	98
31) Carbon tetrachloride	7.987	117	104292	27.437	ug/L	99
33) Benzene	8.251	78	351723	25.975	ug/L	100
34) Trichloroethene	9.028	95	90488	26.014	ug/L	97
35) Methylcyclohexane	9.275	83	137481	24.510	ug/L	98
37) 1,2-Dichloropropane	9.304	63	95126	25.768	ug/L	100
38) Bromodichloromethane	9.587	83	115635	27.463	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	140945	25.003	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	118968	51.803	ug/L	99
42) Toluene	10.334	91	385872	26.667	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	118354	25.830	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	71005	28.041	ug/L	96
46) Tetrachloroethene	10.810	164	70186	25.666	ug/L	90
48) 2-Hexanone	10.922	43	80058	50.900	ug/L	99
49) Dibromochloromethane	11.075	129	79450	27.609	ug/L	93
50) 1,2-Dibromoethane	11.181	107	65420	26.619	ug/L	86
51) Chlorobenzene	11.610	112	238662	26.418	ug/L	94
52) Ethylbenzene	11.687	91	414007	26.545	ug/L	99
53) m,p-Xylene	11.792	106	160792	26.233	ug/L	96
54) o-Xylene	12.122	106	154875	26.538	ug/L	98
55) Styrene	12.134	104	274110	27.186	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	82889	28.643	ug/L	95
59) Bromoform	12.298	173	48999	26.250	ug/L #	98
60) Isopropylbenzene	12.422	105	403960	25.329	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	55466	27.410	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	317372	24.873	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	319420	25.368	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	184653	26.025	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	184549	25.804	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	162259	25.671	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11908	26.405	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	116183	24.550	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	102729	24.396	ug/L	100
71) Naphthalene	15.333	128	204575	25.375	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	94201	25.761	ug/L	99

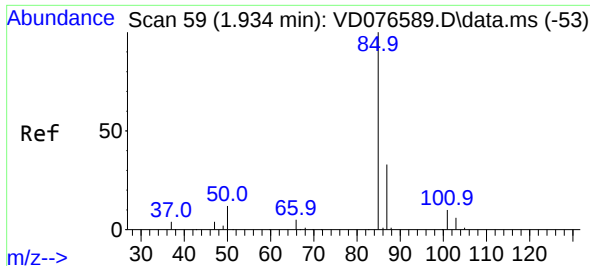
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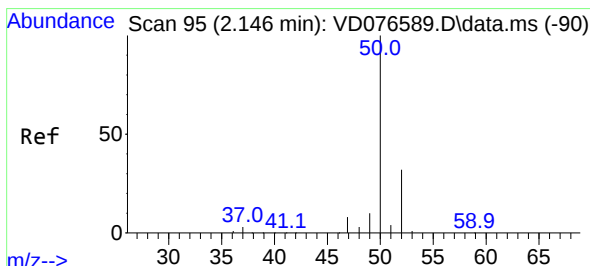
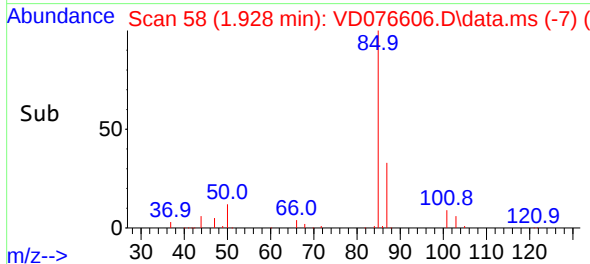
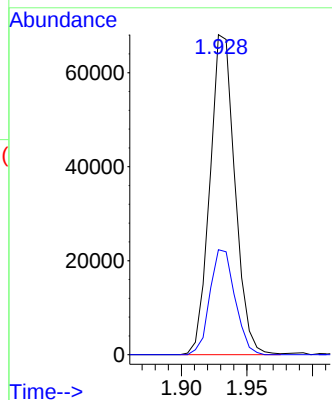
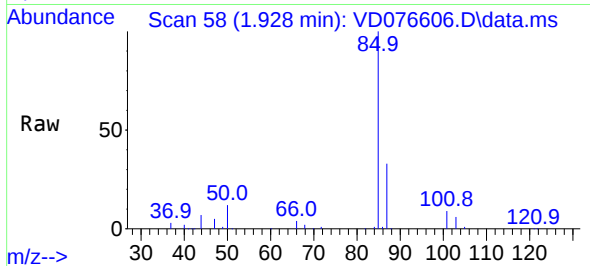




#2
Dichlorodifluoromethane
Concen: 26.057 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

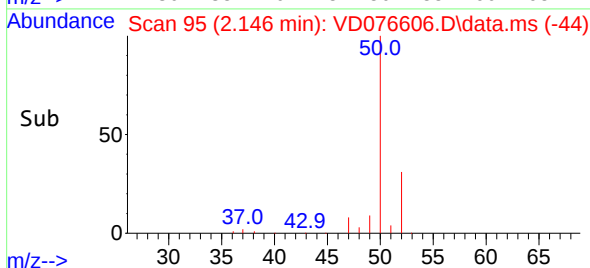
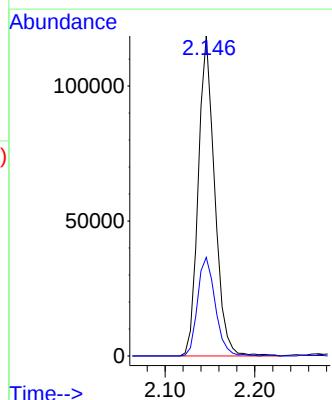
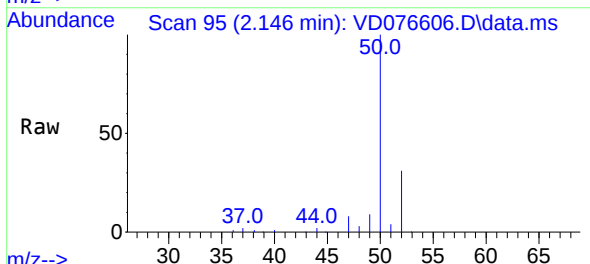
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

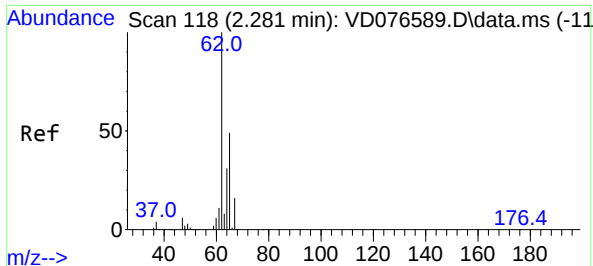
Tgt Ion: 85 Resp: 90479
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5



#3
Chloromethane
Concen: 26.070 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 50 Resp: 150485
Ion Ratio Lower Upper
50 100
52 30.8 23.2 43.2

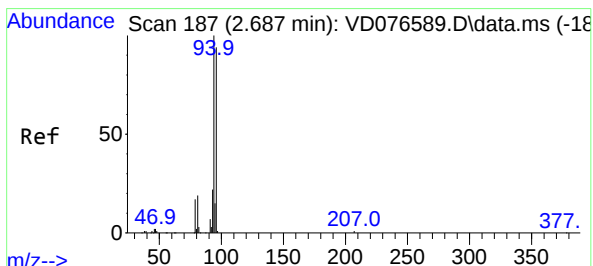
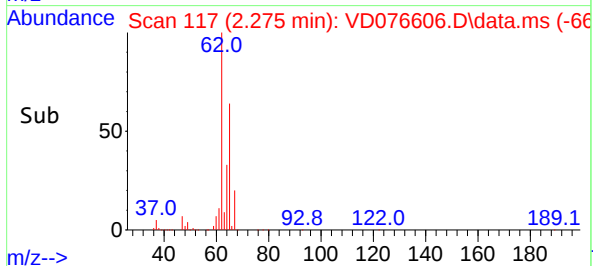
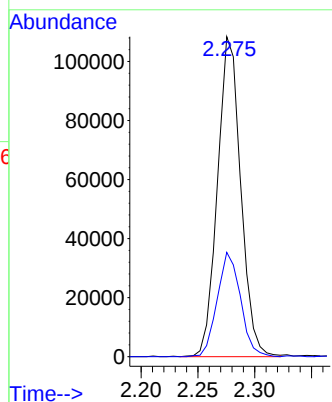
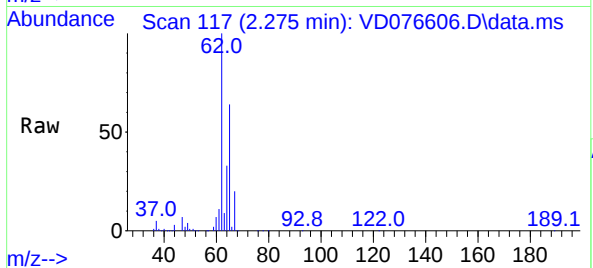




#5
Vinyl chloride
Concen: 24.806 ug/L
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

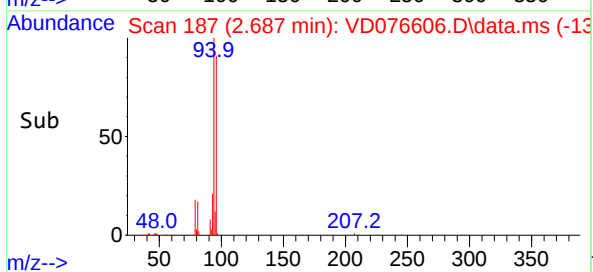
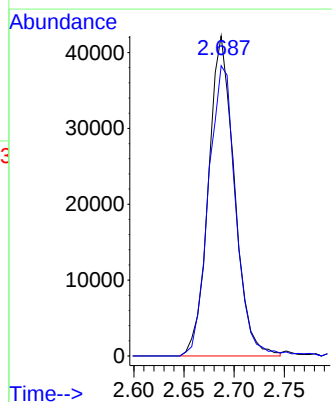
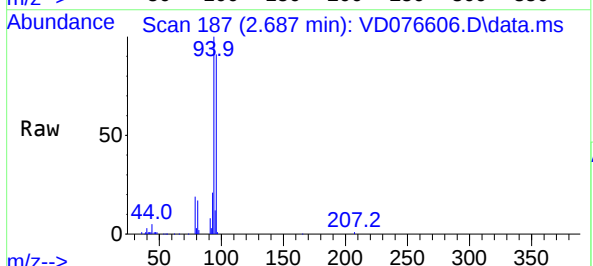
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

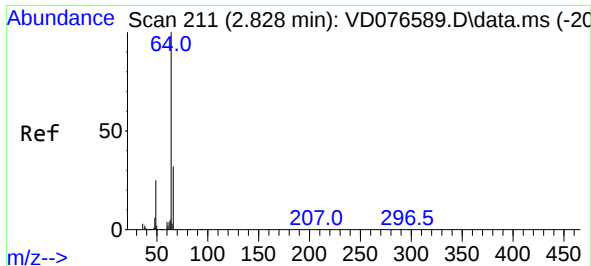
Tgt Ion: 62 Resp: 154468
Ion Ratio Lower Upper
62 100
64 32.6 21.1 39.1



#6
Bromomethane
Concen: 21.999 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 94 Resp: 75877
Ion Ratio Lower Upper
94 100
96 90.7 64.7 120.1

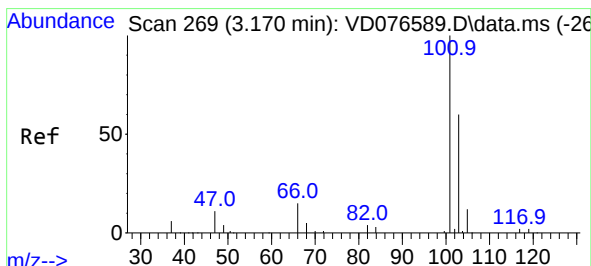
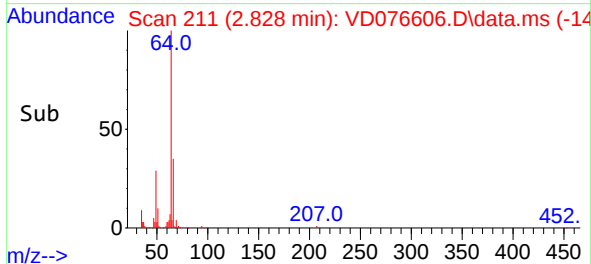
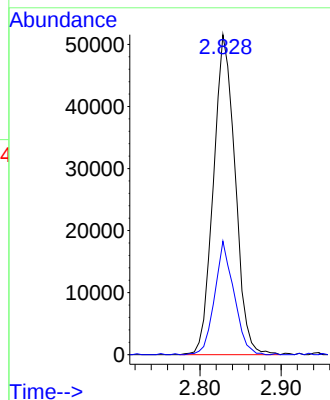
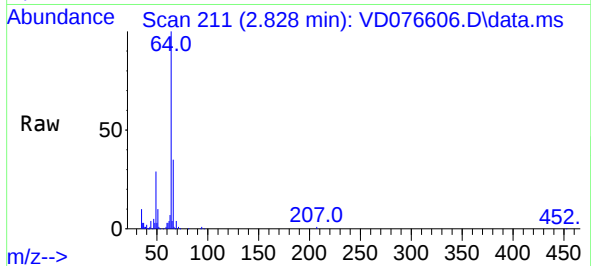




#8
Chloroethane
Concen: 25.140 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

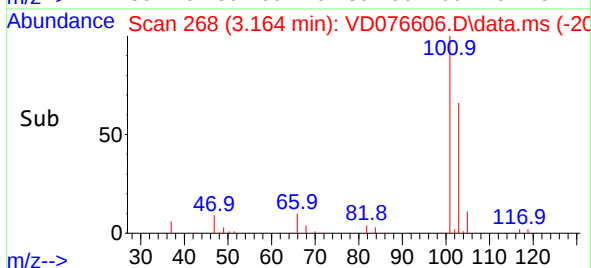
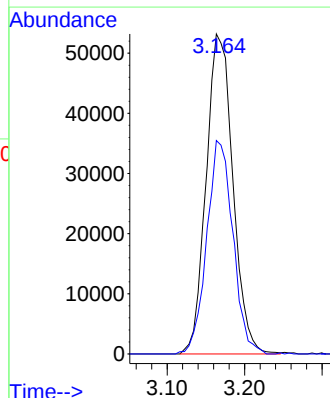
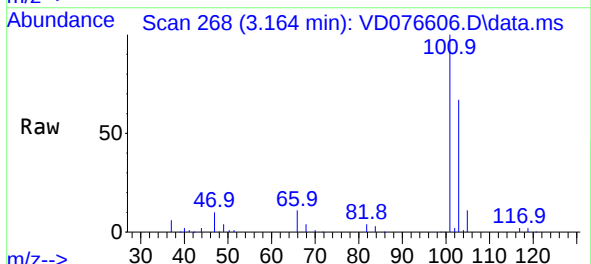
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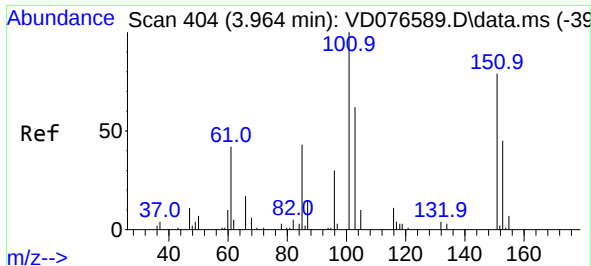
Tgt Ion: 64 Resp: 95892
Ion Ratio Lower Upper
64 100
66 35.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 28.370 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:101 Resp: 127735
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

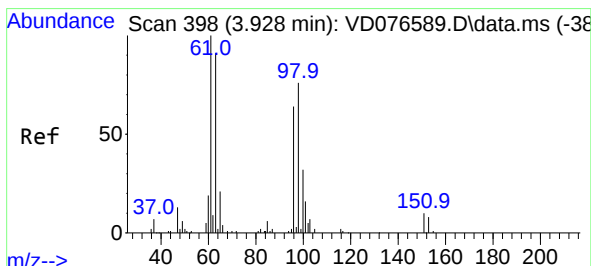
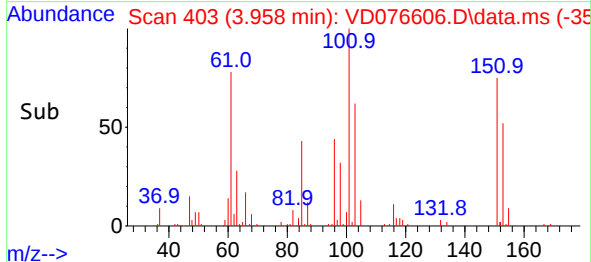
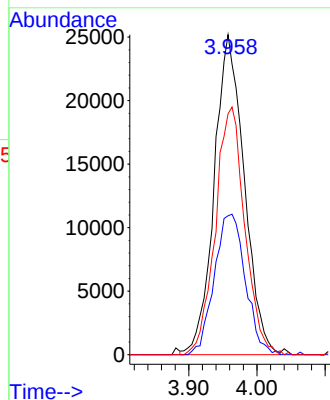
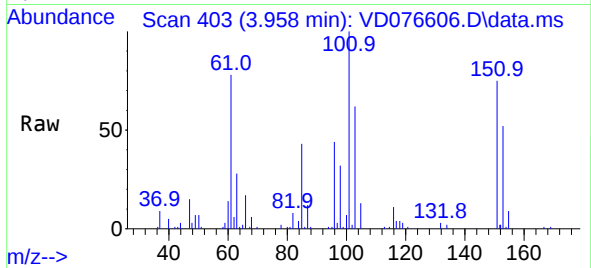




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.407 ug/L
RT: 3.958 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

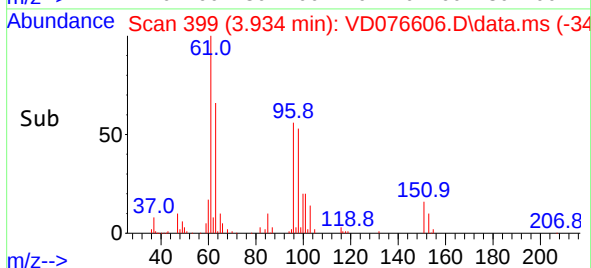
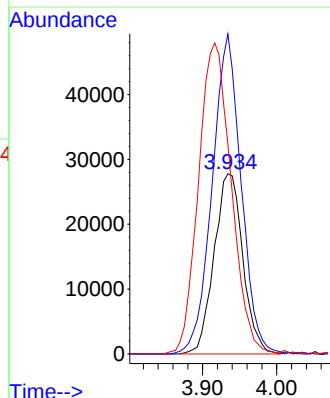
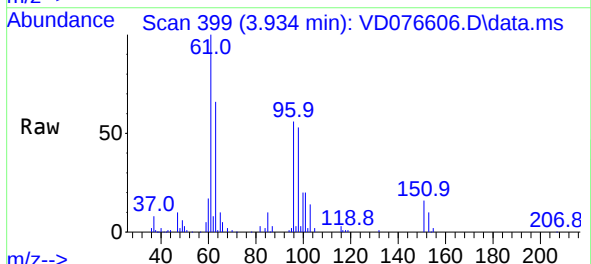
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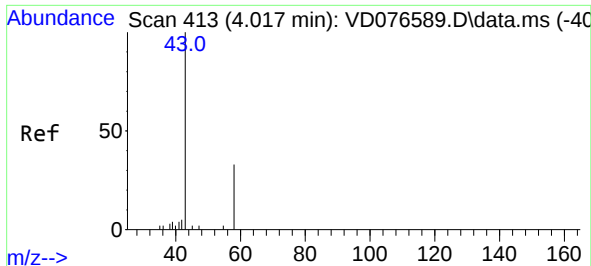
Tgt Ion:101 Resp: 77123
Ion Ratio Lower Upper
101 100
85 45.6 35.5 53.3
151 75.8 58.6 87.8



#12
1,1-Dichloroethene
Concen: 25.800 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 96 Resp: 74613
Ion Ratio Lower Upper
96 100
61 177.6 113.0 209.8
63 116.7 83.6 155.2





#13

Acetone

Concen: 39.103 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

Instrument :

MSVOA_D

ClientSampleId :

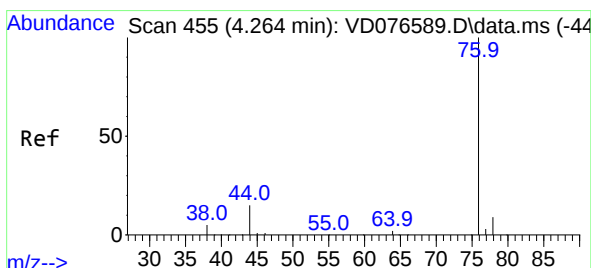
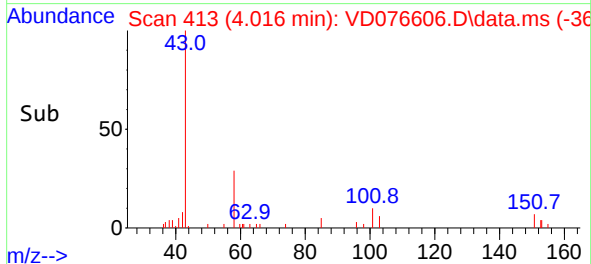
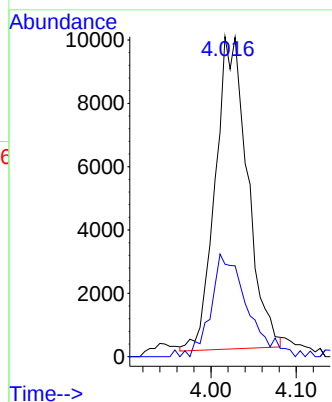
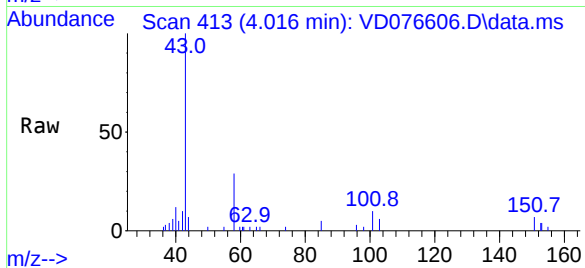
VSTD025161

Tgt Ion: 43 Resp: 25957

Ion Ratio Lower Upper

43 100

58 19.6 0.0 67.4



#14

Carbon disulfide

Concen: 25.939 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD076606.D

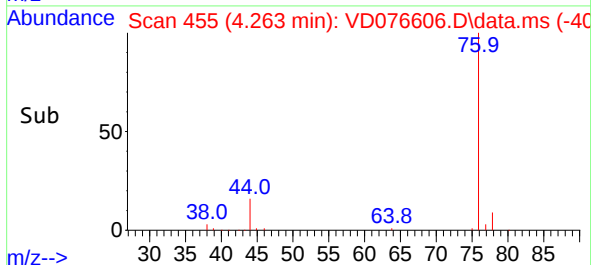
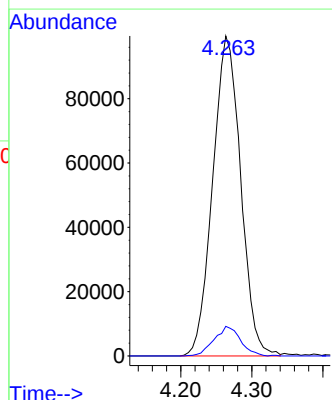
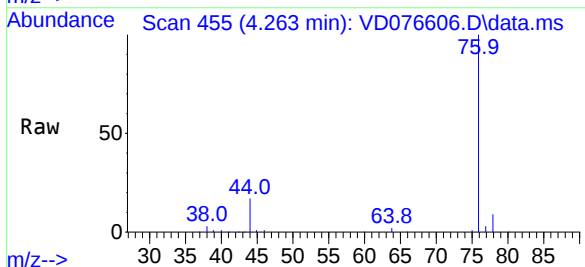
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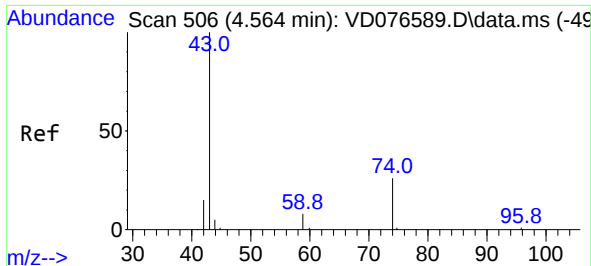
Tgt Ion: 76 Resp: 271927

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

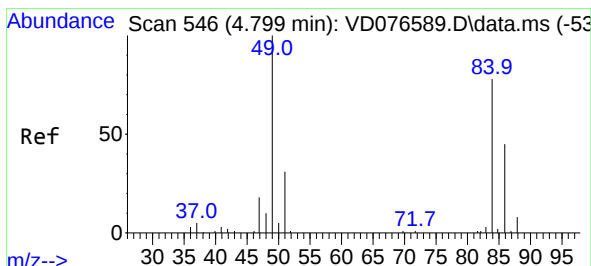
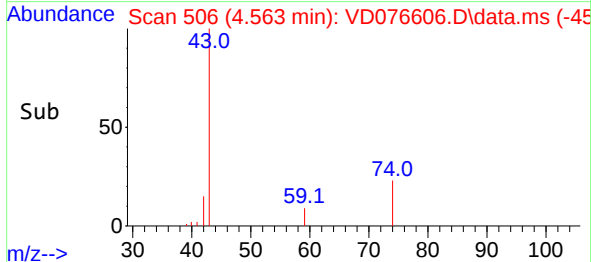
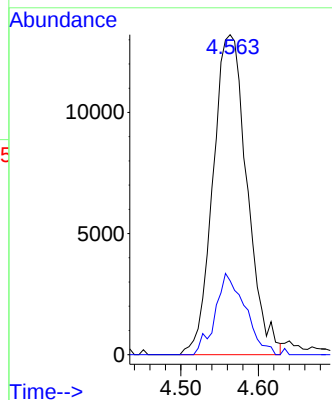
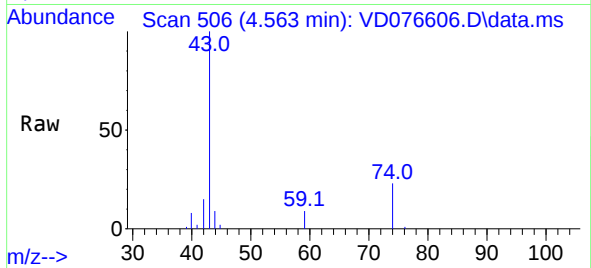




#15
Methyl Acetate
Concen: 26.614 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

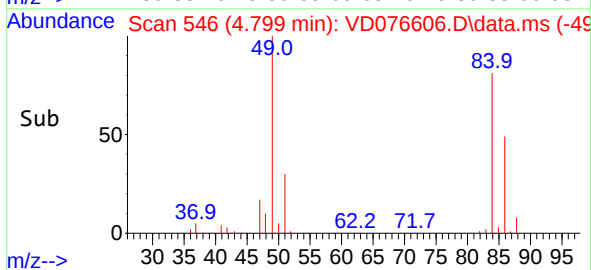
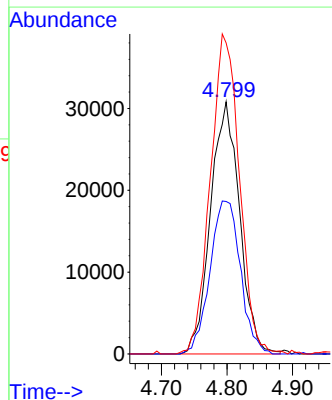
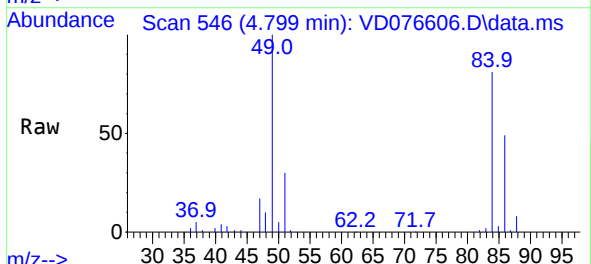
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

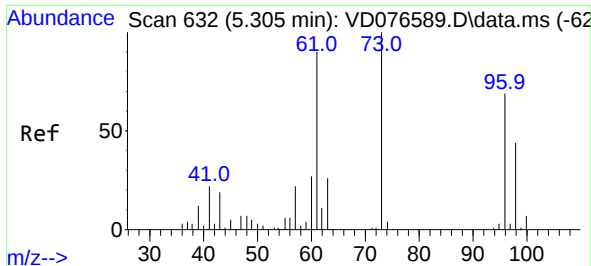
Tgt Ion: 43 Resp: 40329
Ion Ratio Lower Upper
43 100
74 18.0 18.2 27.2#



#16
Methylene chloride
Concen: 24.436 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 84 Resp: 94644
Ion Ratio Lower Upper
84 100
86 60.5 45.1 83.9
49 123.3 97.2 180.6

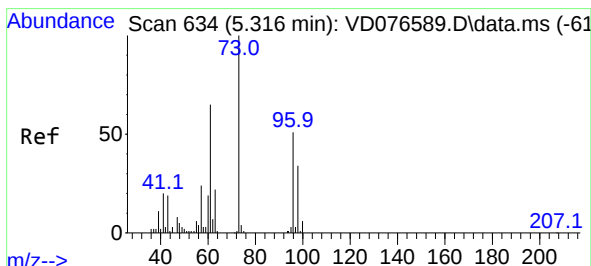
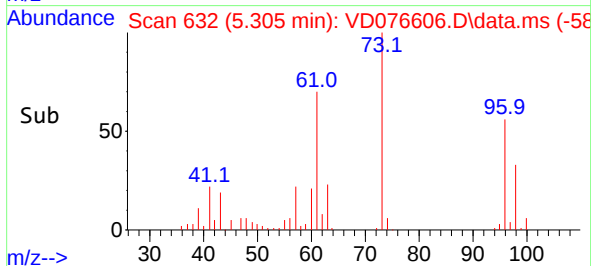
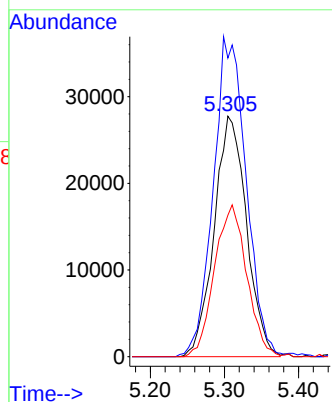
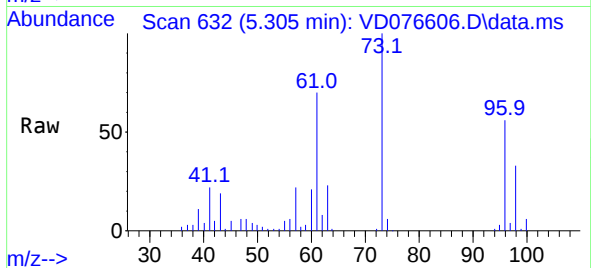




#17
trans-1,2-Dichloroethene
Concen: 26.072 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

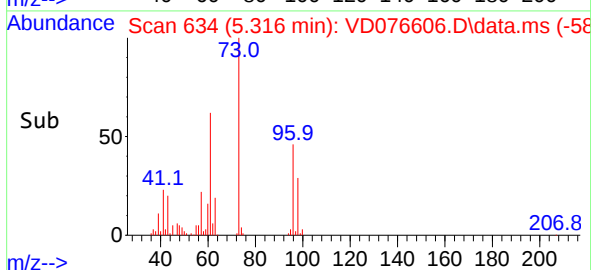
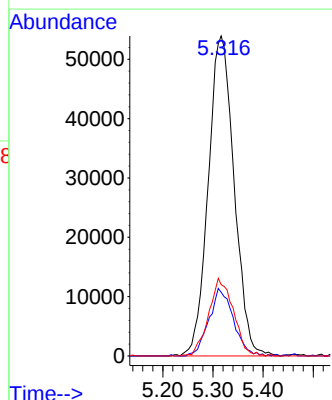
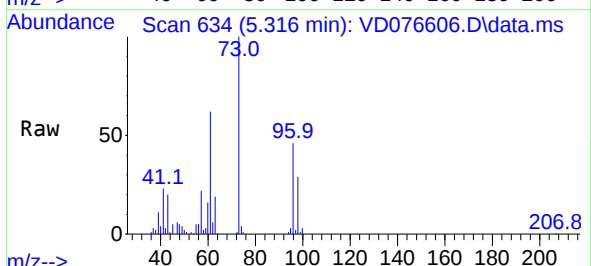
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

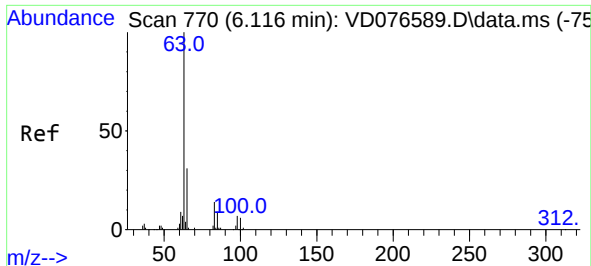
Tgt Ion: 96 Resp: 84061
Ion Ratio Lower Upper
96 100
61 124.1 94.5 175.5
98 58.8 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 26.371 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 73 Resp: 193572
Ion Ratio Lower Upper
73 100
43 19.9 7.2 10.8#
57 22.8 18.6 28.0





#19

1,1-Dichloroethane

Concen: 26.306 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD025161

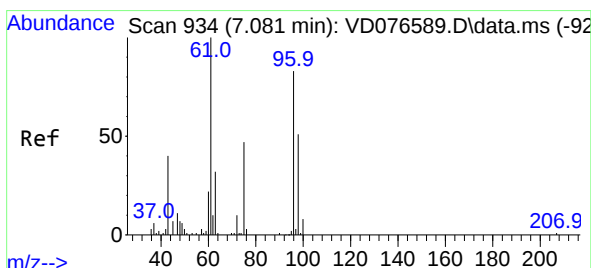
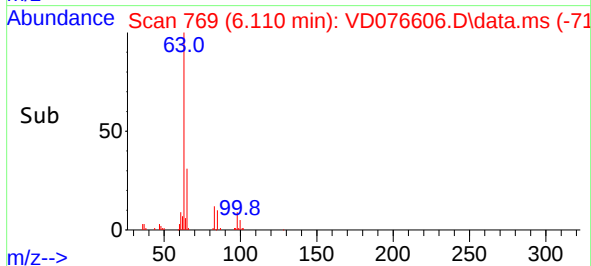
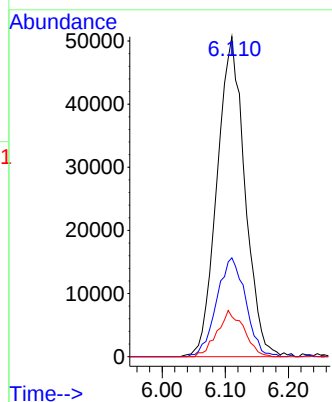
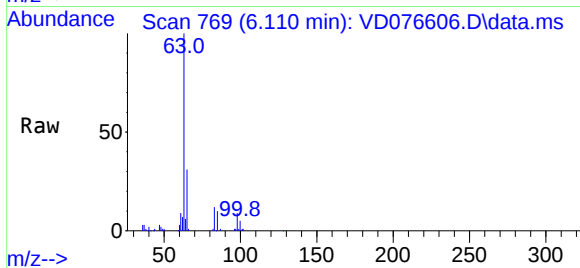
Tgt Ion: 63 Resp: 155066

Ion Ratio Lower Upper

63 100

65 30.9 20.8 38.6

83 12.5 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 26.391 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

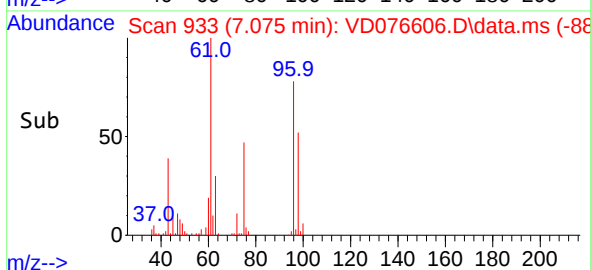
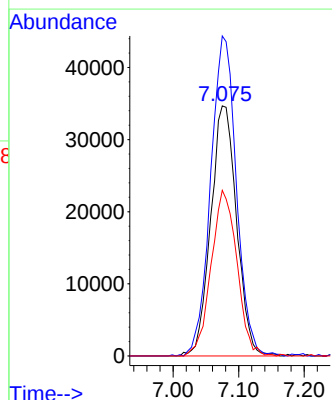
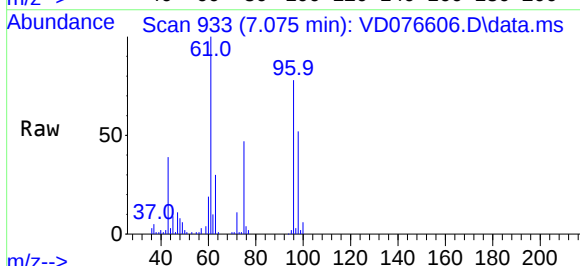
Tgt Ion: 96 Resp: 95029

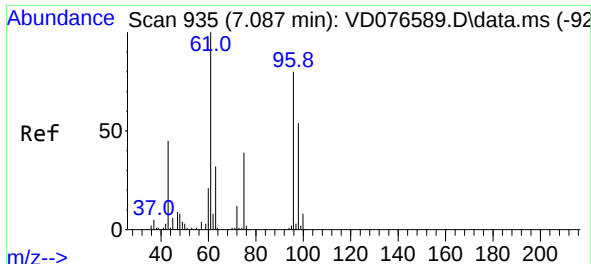
Ion Ratio Lower Upper

96 100

61 128.0 86.0 159.6

98 66.2 42.2 78.4

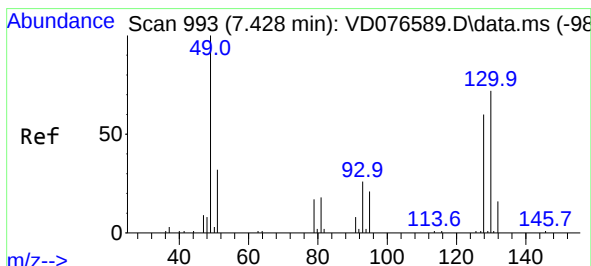
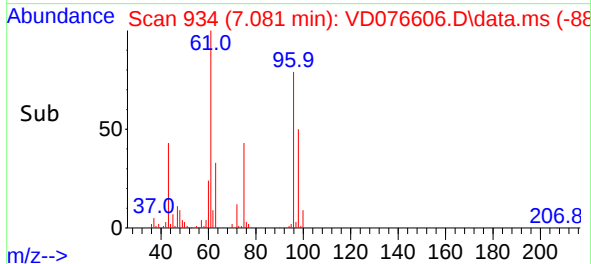
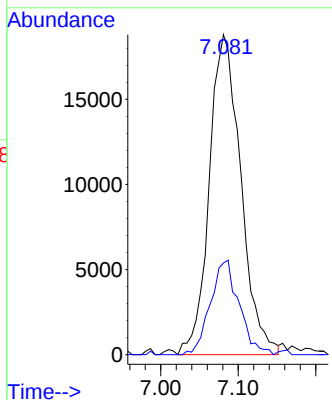
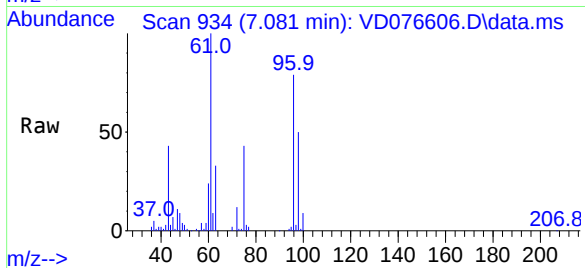




#22
2-Butanone
Concen: 49.696 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

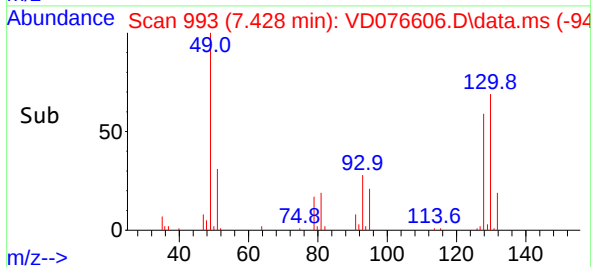
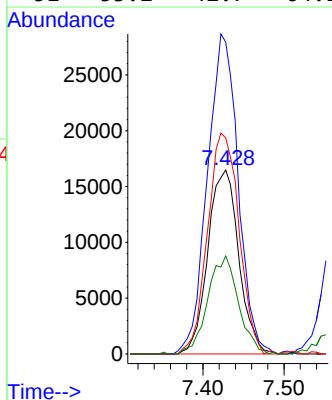
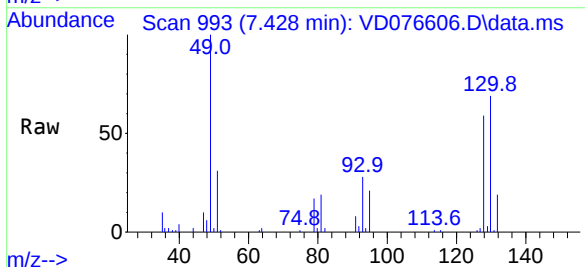
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

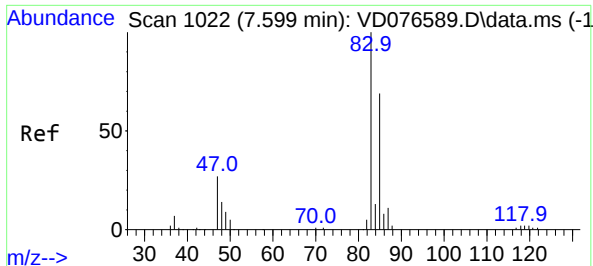
Tgt Ion: 43 Resp: 53237
Ion Ratio Lower Upper
43 100
72 26.7 12.9 38.7



#23
Bromochloromethane
Concen: 28.534 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:128 Resp: 43607
Ion Ratio Lower Upper
128 100
49 169.4 124.7 231.7
130 117.4 80.0 148.6
51 53.2 42.7 64.1

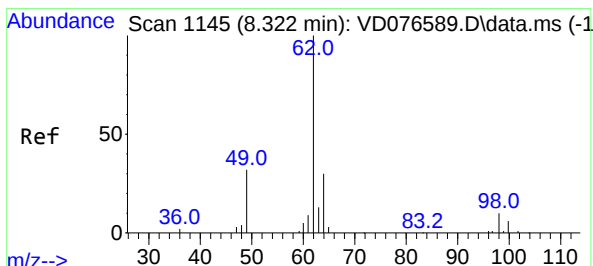
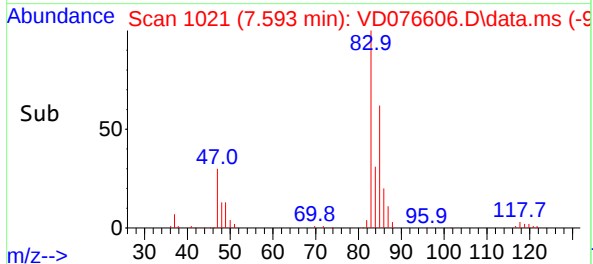
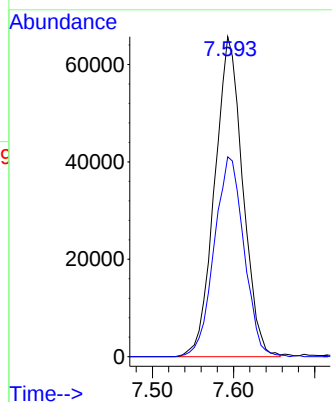
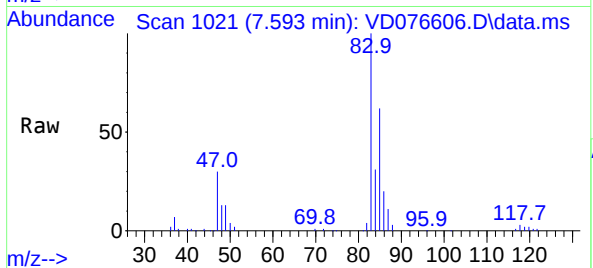




#25
Chloroform
Concen: 27.487 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

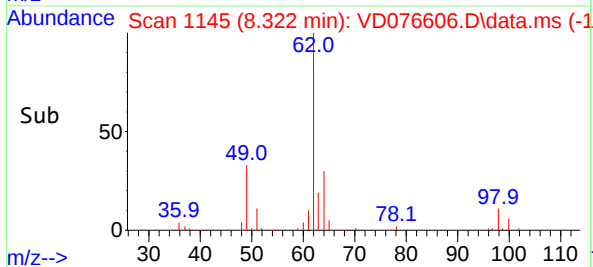
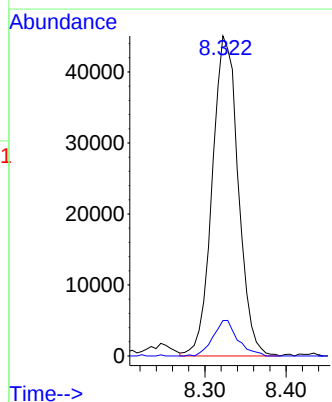
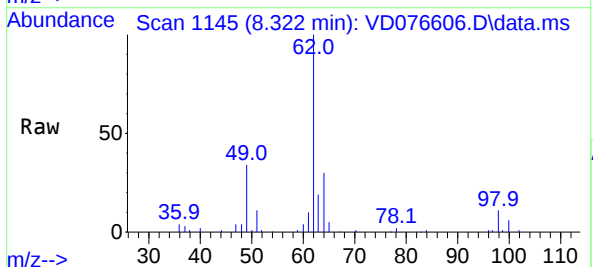
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

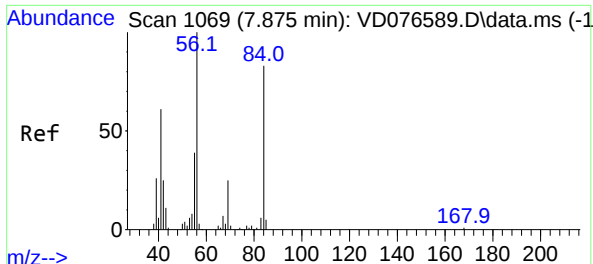
Tgt Ion: 83 Resp: 158129
Ion Ratio Lower Upper
83 100
85 62.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 28.362 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 62 Resp: 100342
Ion Ratio Lower Upper
62 100
98 11.7 8.7 13.1





#29

Cyclohexane

Concen: 23.138 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD025161

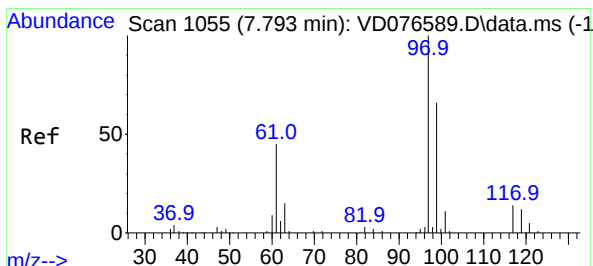
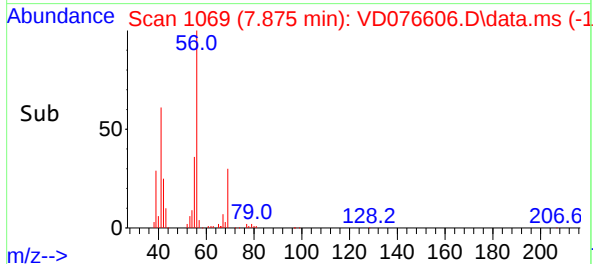
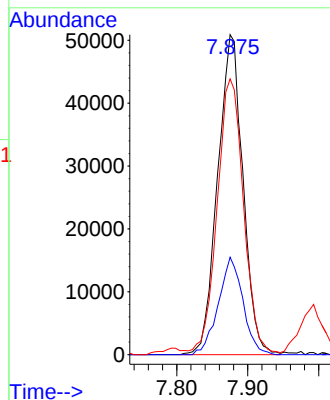
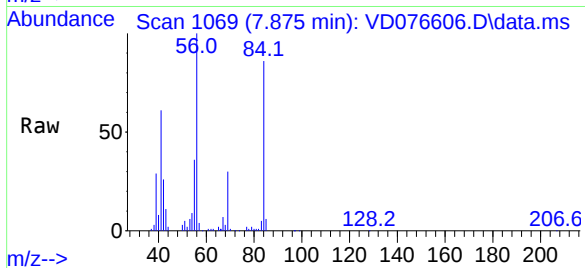
Tgt Ion: 56 Resp: 125883

Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.0

84 88.2 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 27.128 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

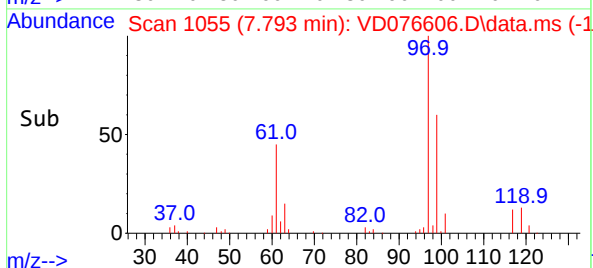
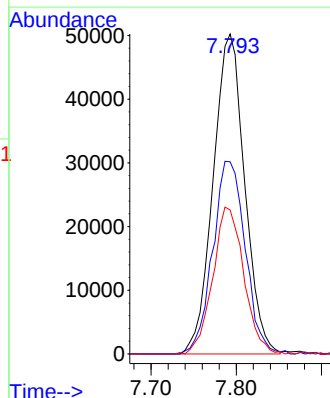
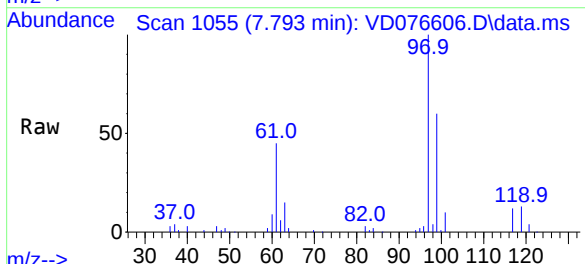
Tgt Ion: 97 Resp: 128936

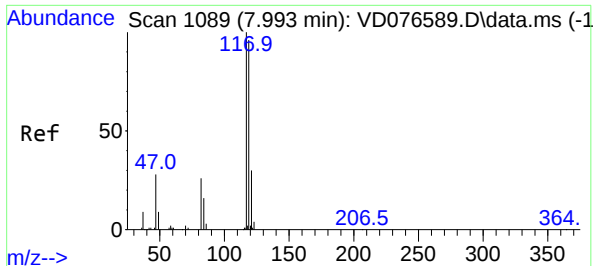
Ion Ratio Lower Upper

97 100

99 62.0 51.0 76.6

61 45.1 36.4 54.6

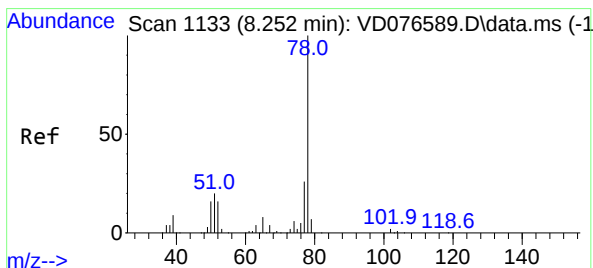
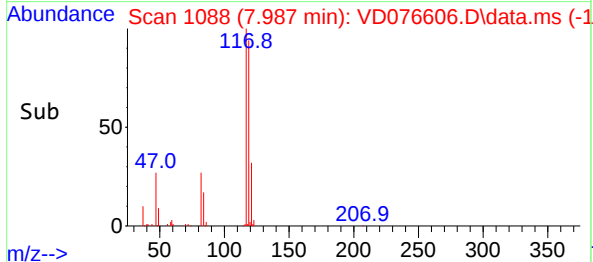
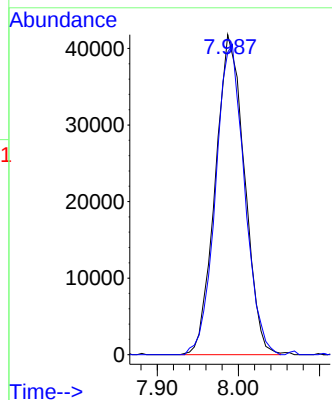
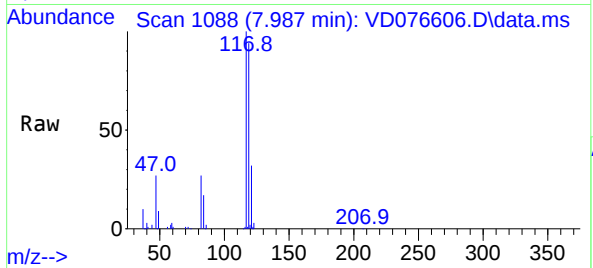




#31
Carbon tetrachloride
Concen: 27.437 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

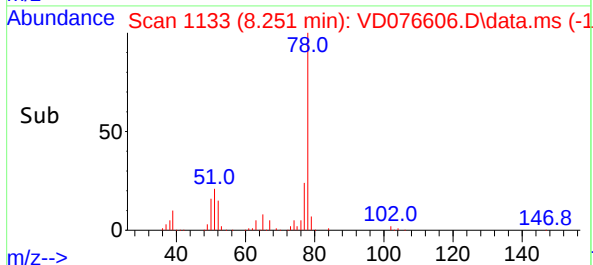
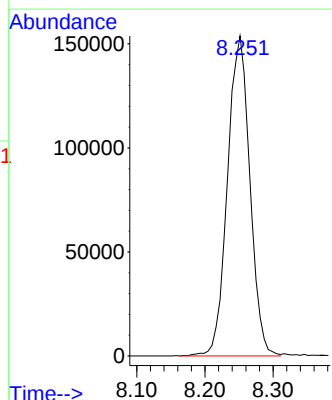
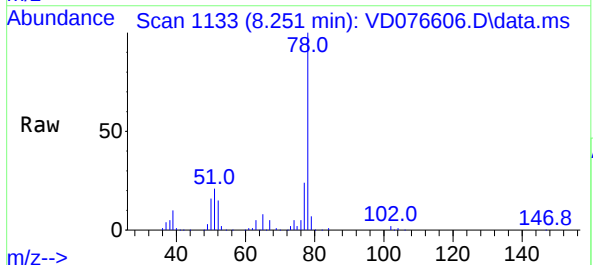
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

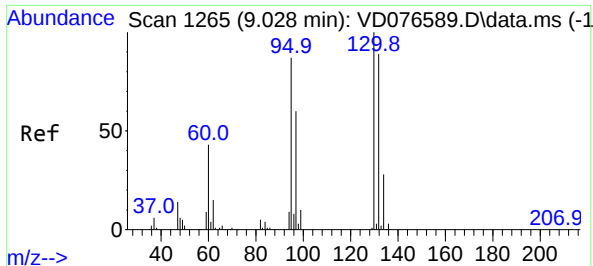
Tgt Ion:117 Resp: 104292
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.6



#33
Benzene
Concen: 25.975 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 78 Resp: 351723



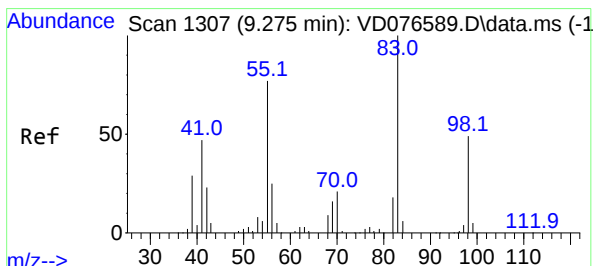
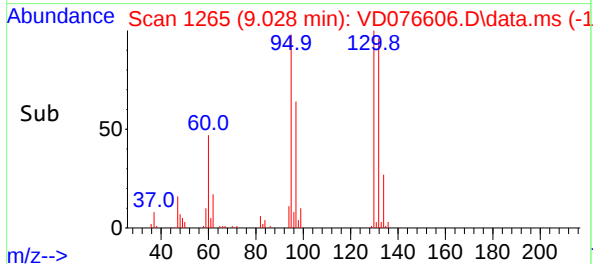
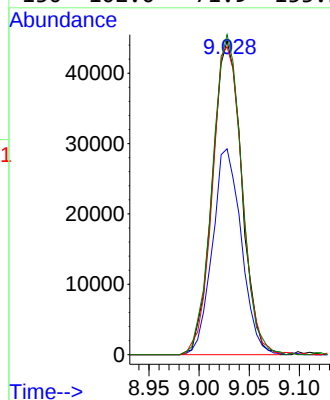
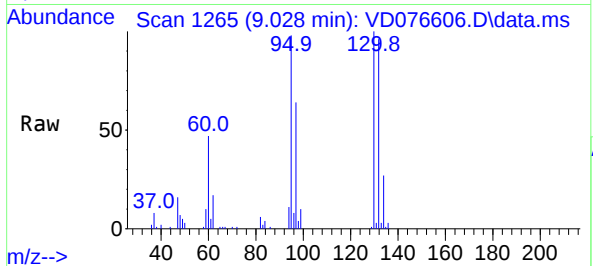


#34
Trichloroethene
Concen: 26.014 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

Tgt Ion: 95 Resp: 90488

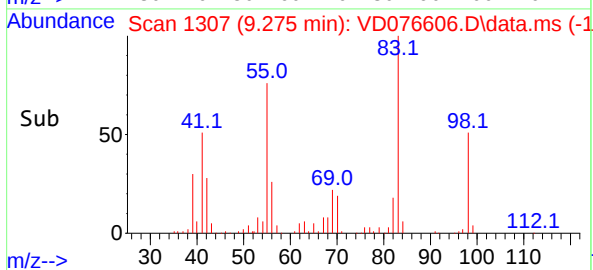
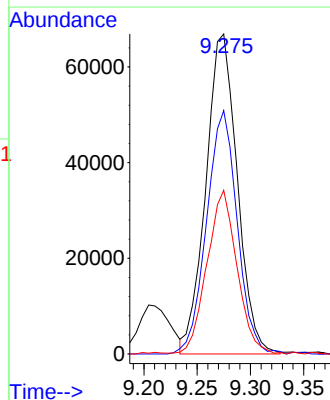
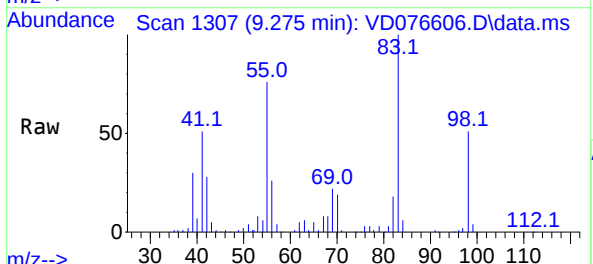
Ion	Ratio	Lower	Upper
95	100		
97	65.6	43.1	80.1
132	98.1	71.8	133.4
130	102.0	71.9	133.5

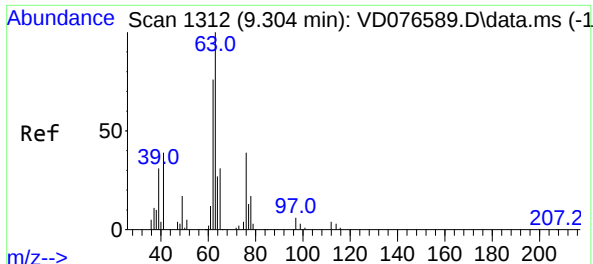


#35
Methylcyclohexane
Concen: 24.510 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 83 Resp: 137481

Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.8	89.6
98	48.9	37.8	56.6

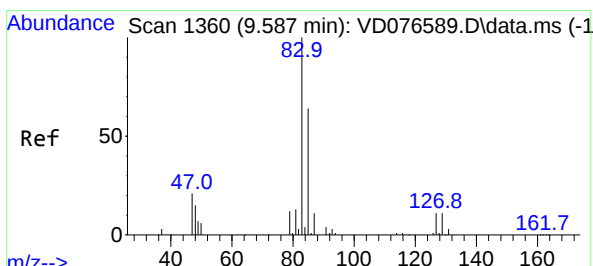
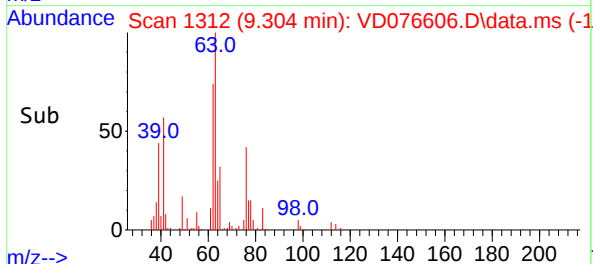
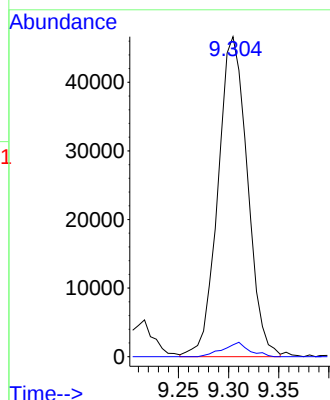
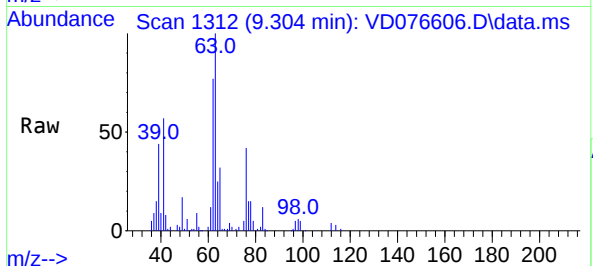




#37
1,2-Dichloropropane
Concen: 25.768 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

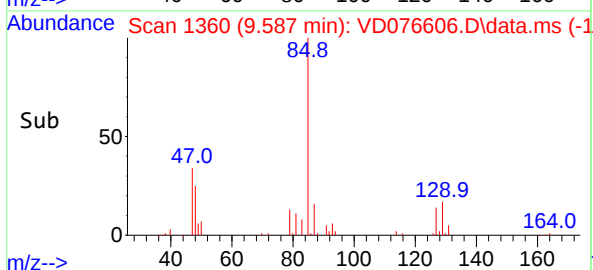
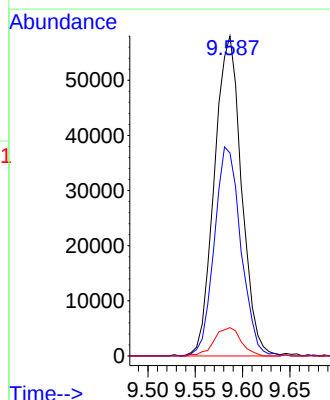
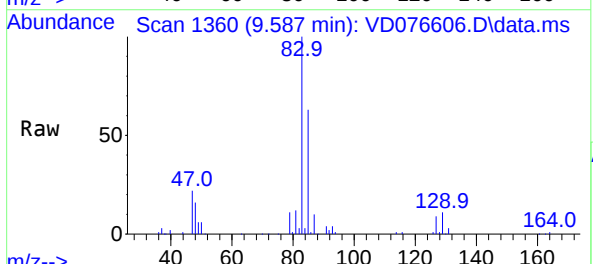
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

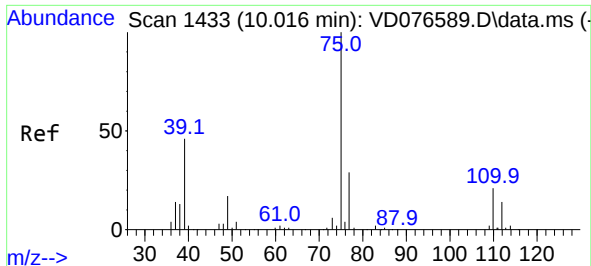
Tgt Ion: 63 Resp: 95126
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7



#38
Bromodichloromethane
Concen: 27.463 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 83 Resp: 115635
Ion Ratio Lower Upper
83 100
85 63.5 43.9 81.5
127 8.9 6.6 9.8

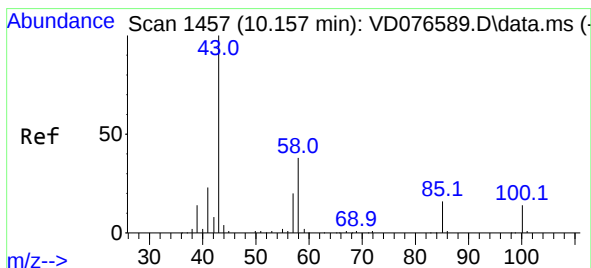
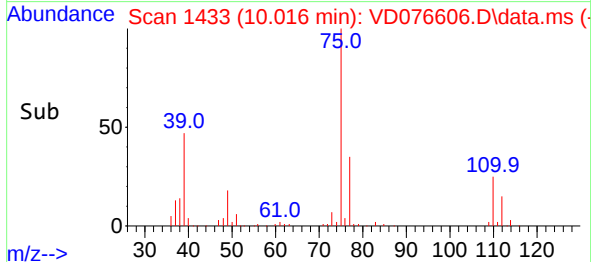
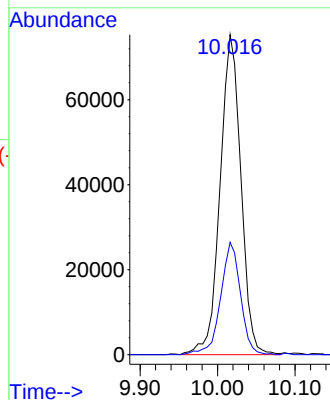
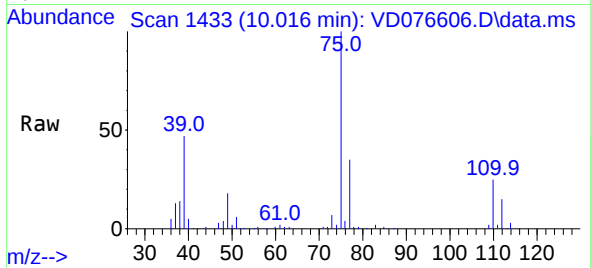




#39
cis-1,3-Dichloropropene
Concen: 25.003 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

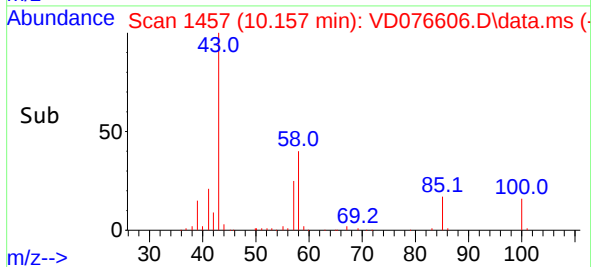
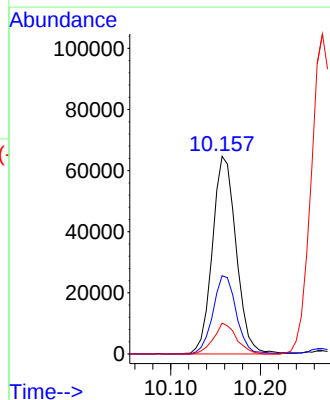
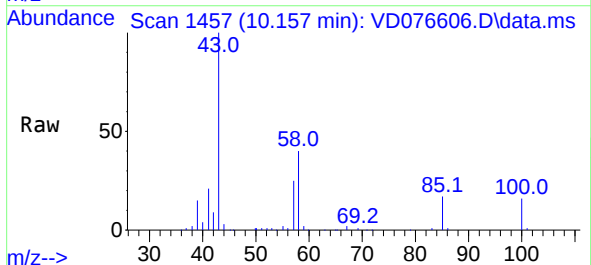
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

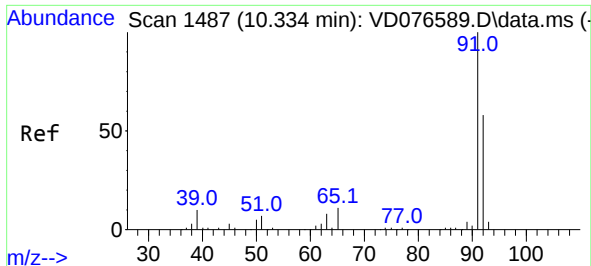
Tgt Ion: 75 Resp: 140945
Ion Ratio Lower Upper
75 100
77 35.1 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 51.803 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 43 Resp: 118968
Ion Ratio Lower Upper
43 100
58 38.5 30.7 46.1
100 14.9 11.0 16.4

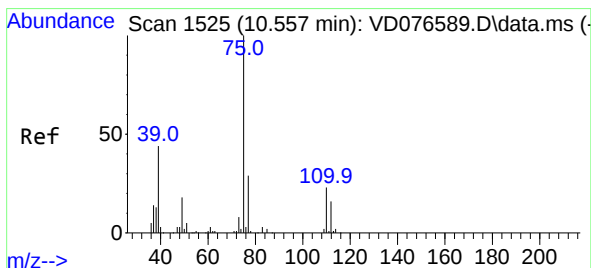
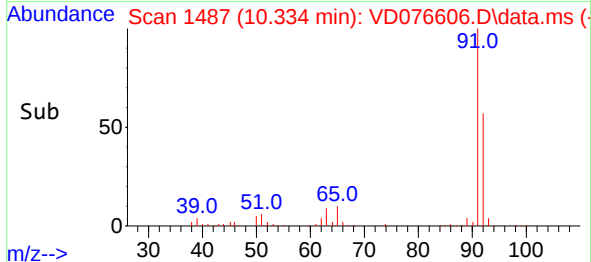
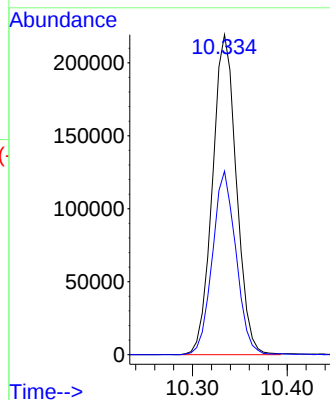
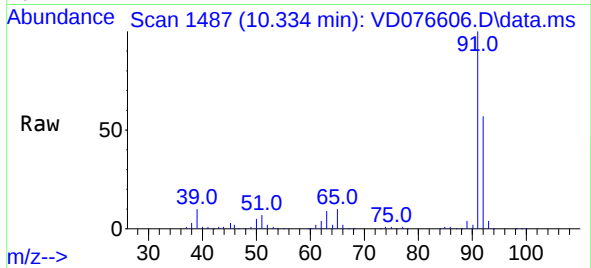




#42
Toluene
Concen: 26.667 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

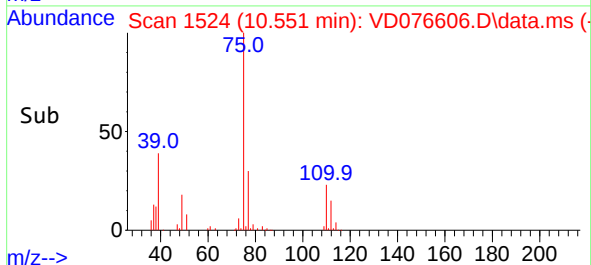
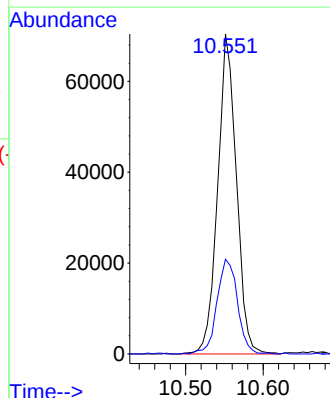
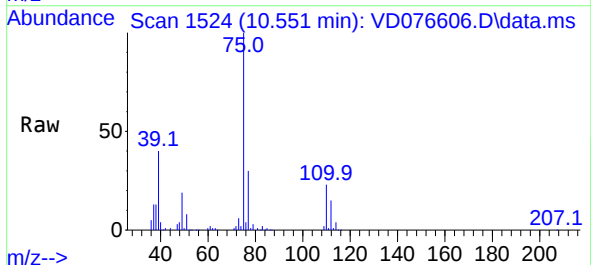
Instrument : MSVOA_D
ClientSampleId : VSTD025161

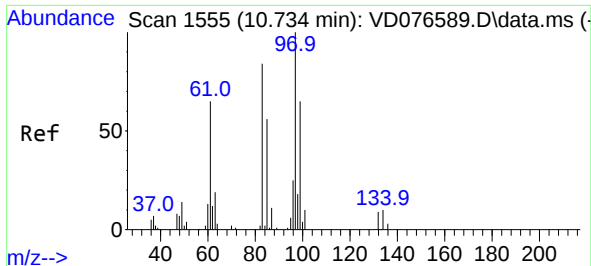
Tgt Ion: 91 Resp: 385872
Ion Ratio Lower Upper
91 100
92 57.4 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.830 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 75 Resp: 118354
Ion Ratio Lower Upper
75 100
77 29.6 22.5 41.7

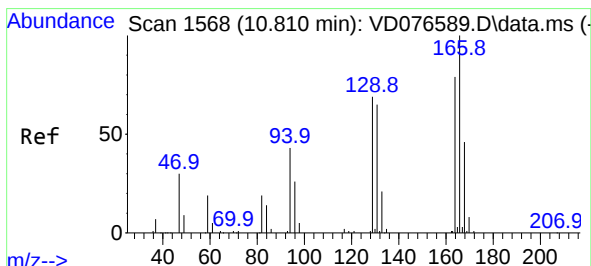
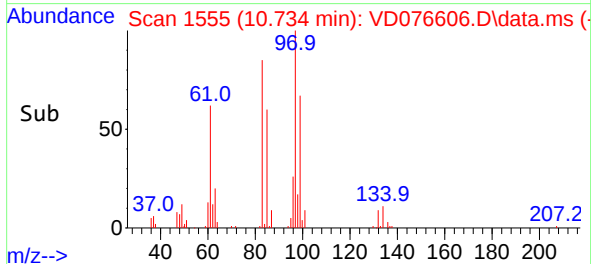
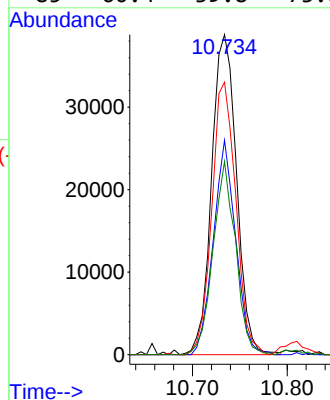
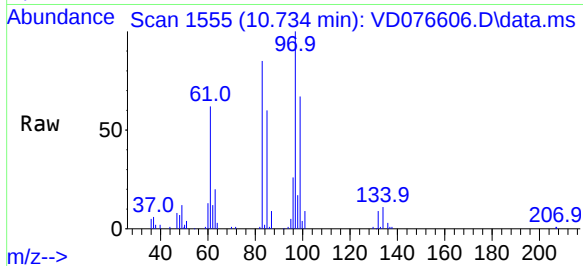




#45
1,1,2-Trichloroethane
Concen: 28.041 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

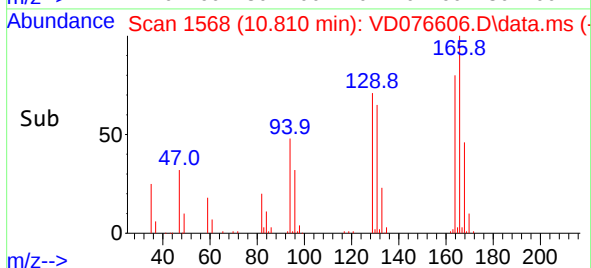
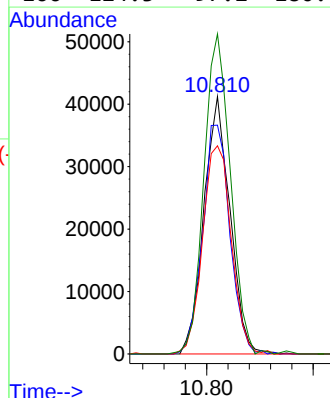
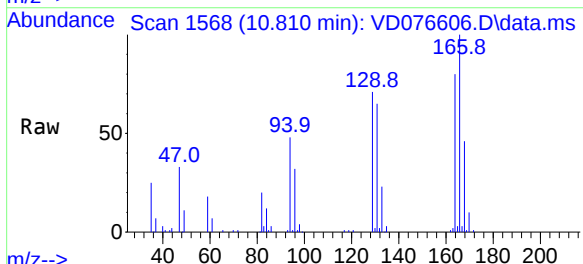
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

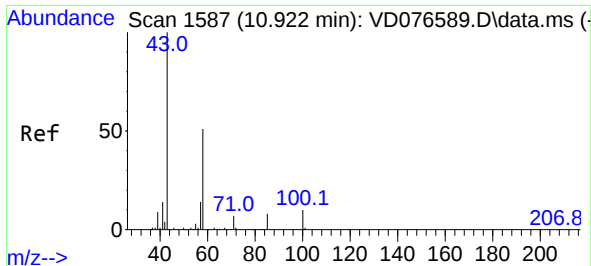
Tgt Ion:	97	Resp:	71005
Ion	Ratio	Lower	Upper
97	100		
99	67.0	41.9	77.9
83	85.1	59.2	110.0
85	60.4	39.8	73.8



#46
Tetrachloroethene
Concen: 25.666 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:	164	Resp:	70186
Ion	Ratio	Lower	Upper
164	100		
129	88.8	65.5	121.6
131	80.9	64.8	120.3
166	124.3	97.2	180.4

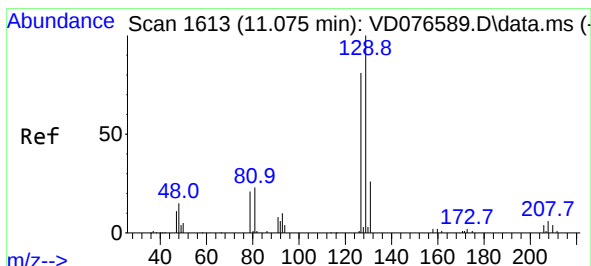
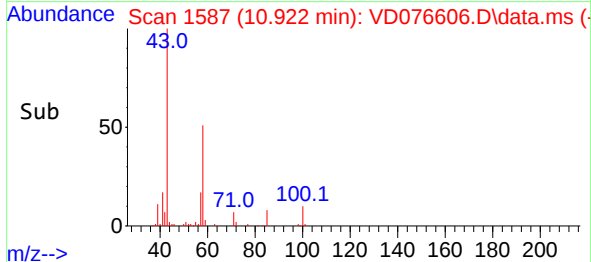
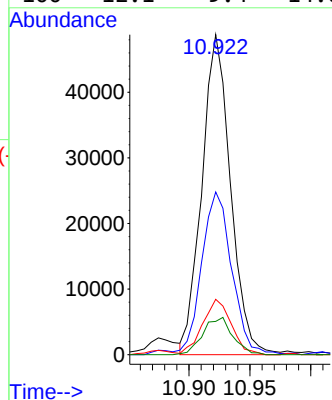
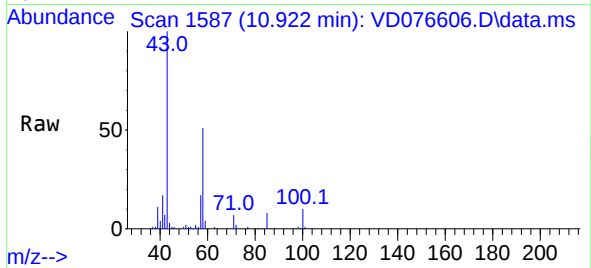




#48
2-Hexanone
Concen: 50.900 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

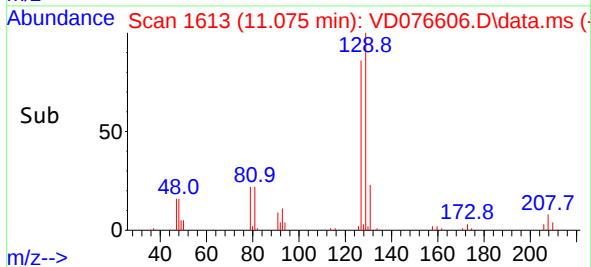
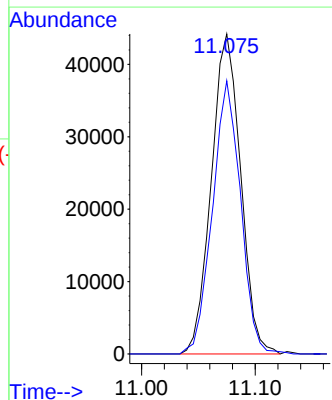
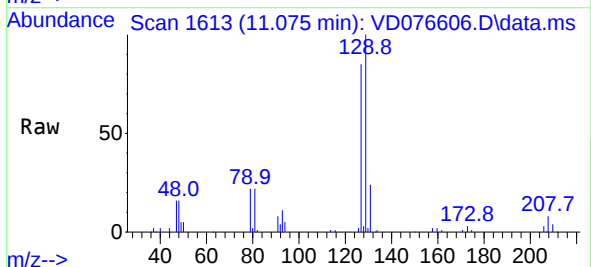
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

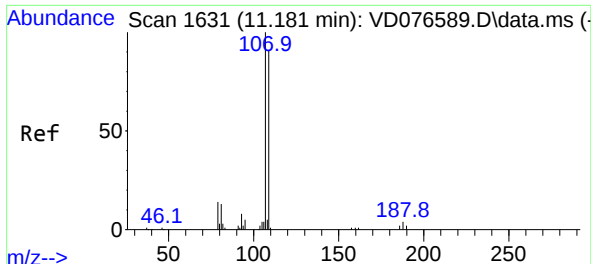
Tgt Ion:	43	Resp:	80058
Ion	Ratio	Lower	Upper
43	100		
58	53.2	42.9	64.3
57	17.3	13.7	20.5
100	12.1	9.4	14.0



#49
Dibromochloromethane
Concen: 27.609 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:	129	Resp:	79450
Ion	Ratio	Lower	Upper
129	100		
127	85.3	55.2	102.6





#50

1,2-Dibromoethane

Concen: 26.619 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD025161

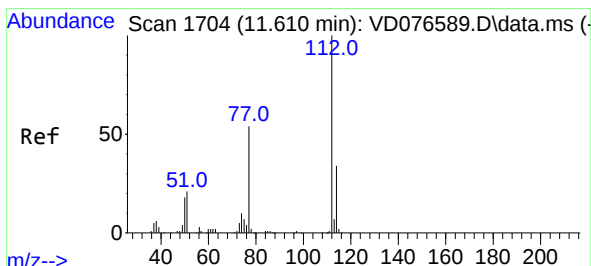
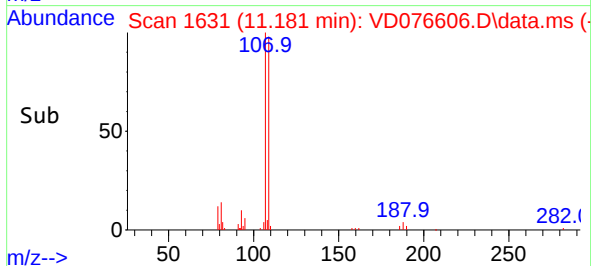
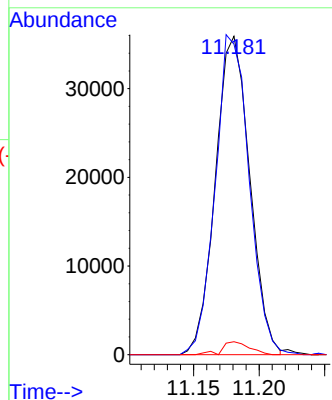
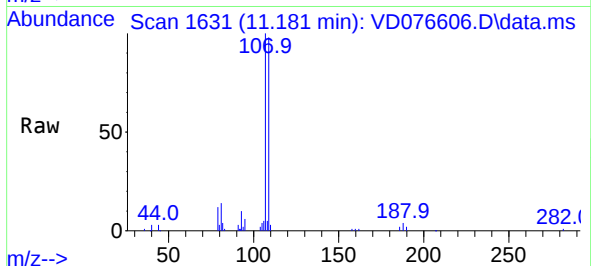
Tgt Ion:107 Resp: 65420

Ion Ratio Lower Upper

107 100

109 97.6 58.8 109.2

188 4.1 2.9 4.3



#51

Chlorobenzene

Concen: 26.418 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

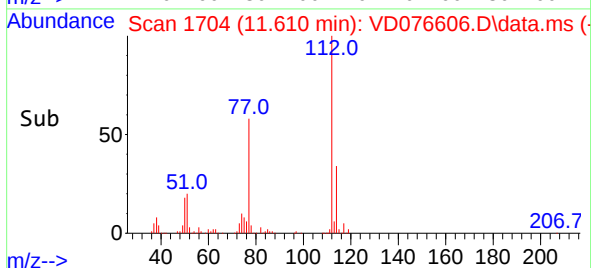
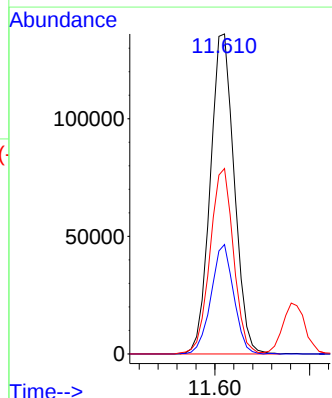
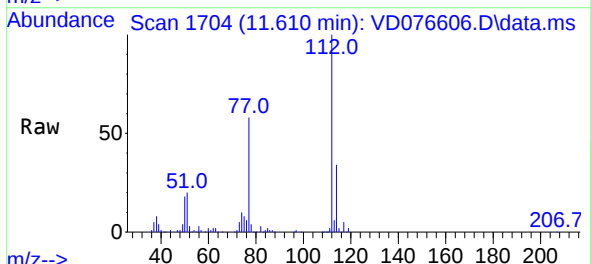
Tgt Ion:112 Resp: 238662

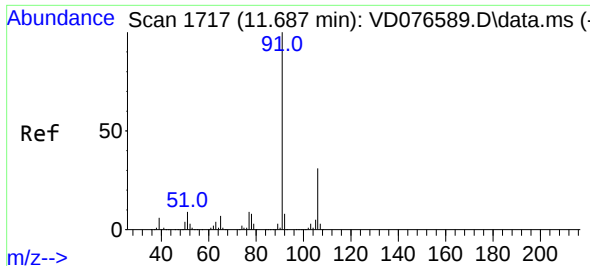
Ion Ratio Lower Upper

112 100

114 34.2 21.5 39.9

77 58.0 43.4 65.2

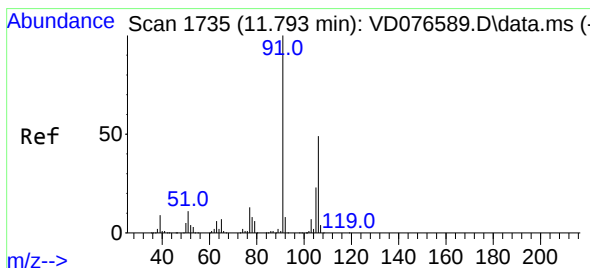
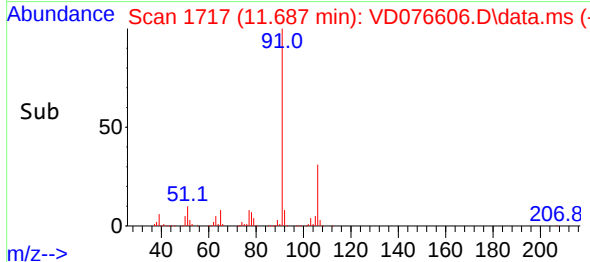
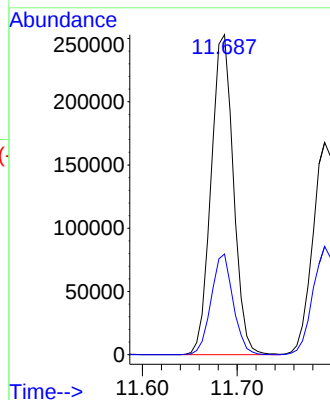
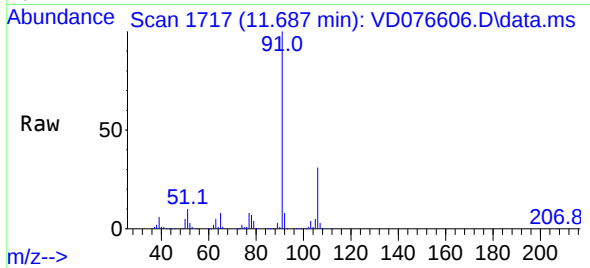




#52
Ethylbenzene
Concen: 26.545 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

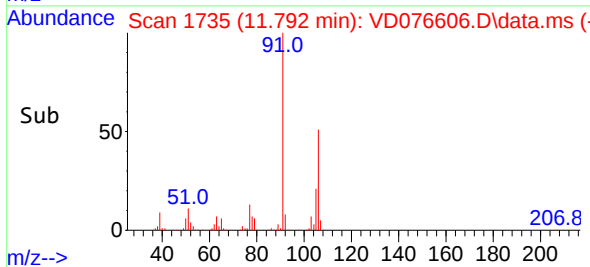
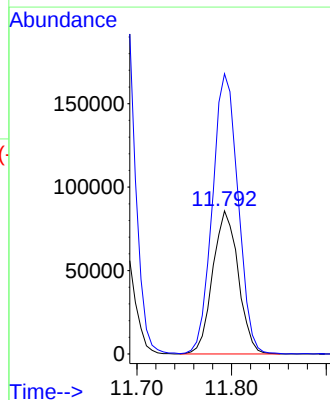
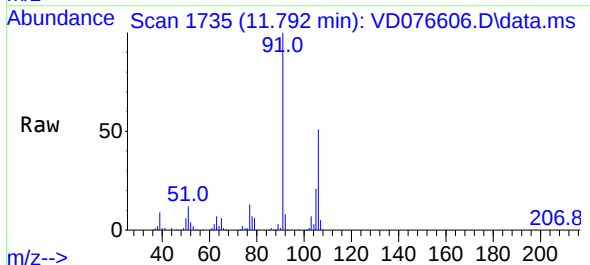
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

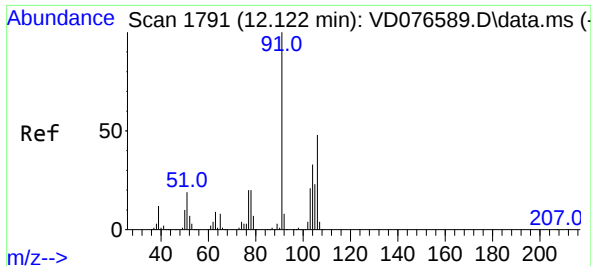
Tgt Ion: 91 Resp: 414007
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 26.233 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 106 Resp: 160792
Ion Ratio Lower Upper
106 100
91 195.9 141.5 262.9

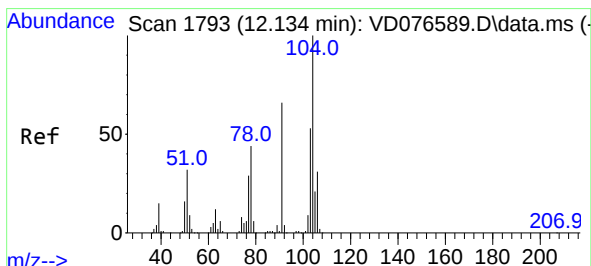
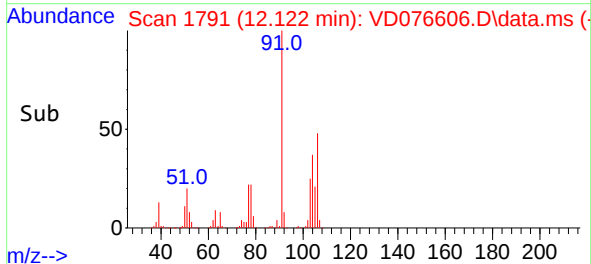
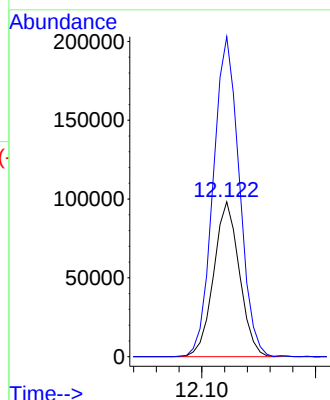
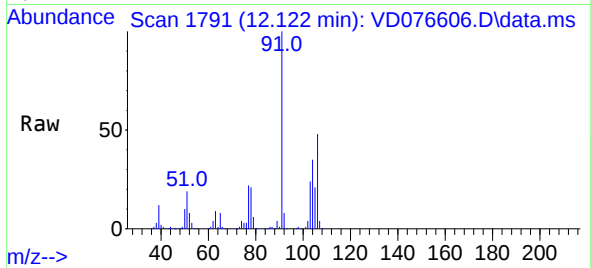




#54
o-Xylene
Concen: 26.538 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

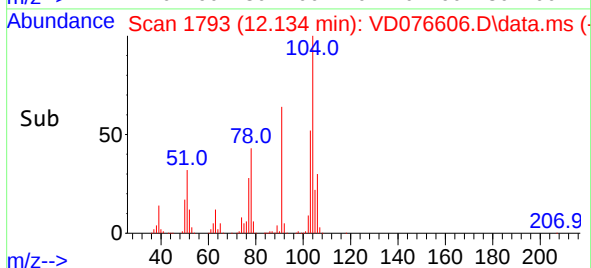
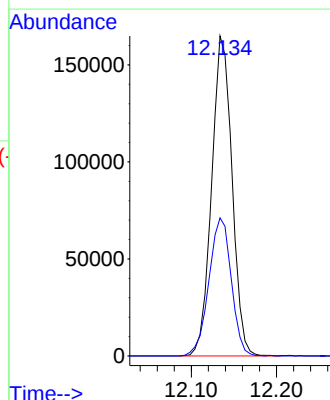
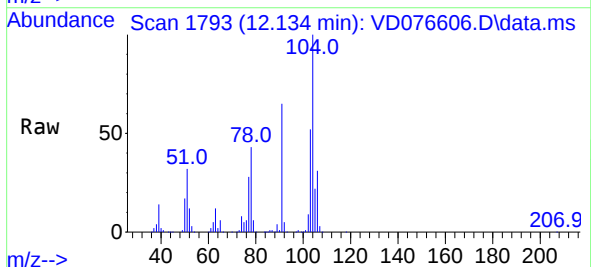
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

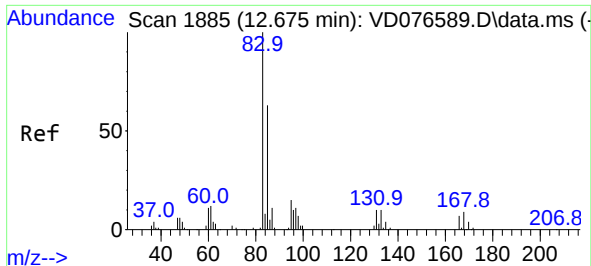
Tgt Ion:106 Resp: 154875
Ion Ratio Lower Upper
106 100
91 206.6 142.2 264.2



#55
Styrene
Concen: 27.186 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:104 Resp: 274110
Ion Ratio Lower Upper
104 100
78 43.1 31.3 58.1

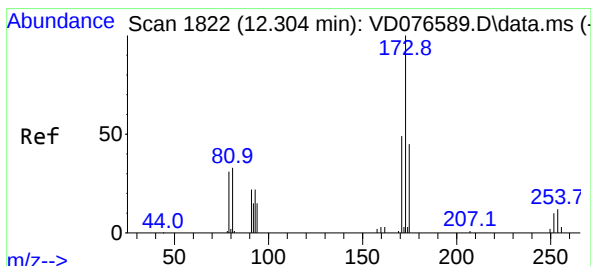
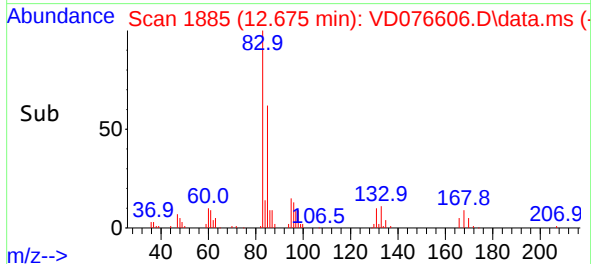
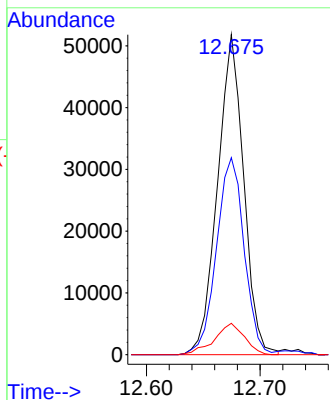
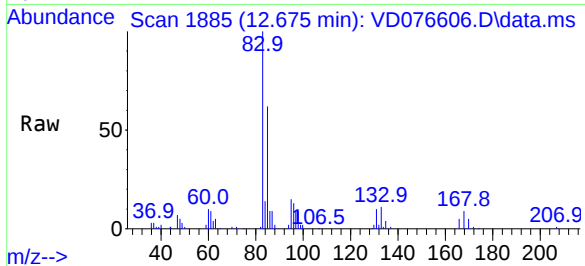




#57
1,1,2,2-Tetrachloroethane
Concen: 28.643 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

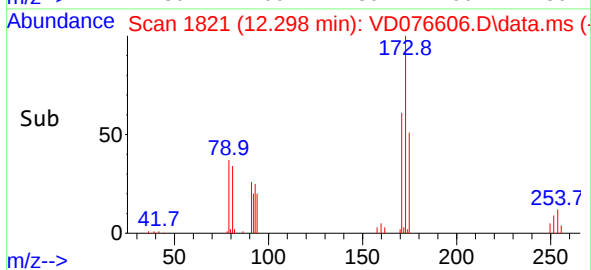
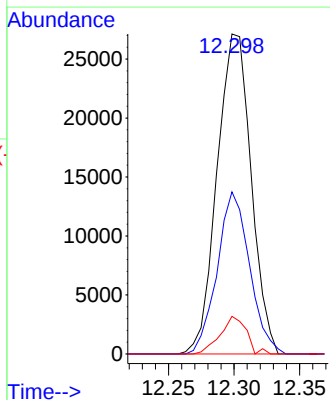
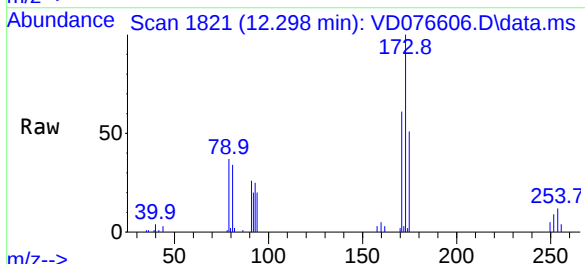
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

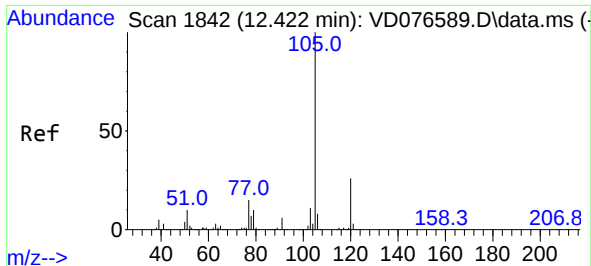
Tgt Ion:	83	Resp:	82889
Ion	Ratio	Lower	Upper
83	100		
85	61.6	46.3	86.1
131	9.8	7.0	10.4



#59
Bromoform
Concen: 26.250 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:	173	Resp:	48999
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.0	58.4
254	8.7	5.3	7.9

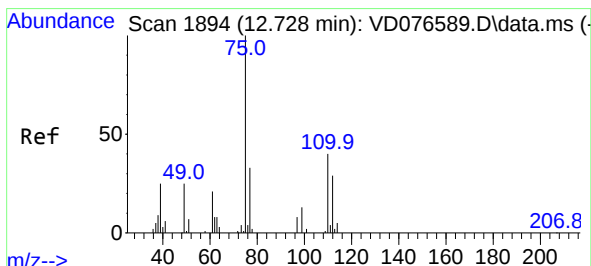
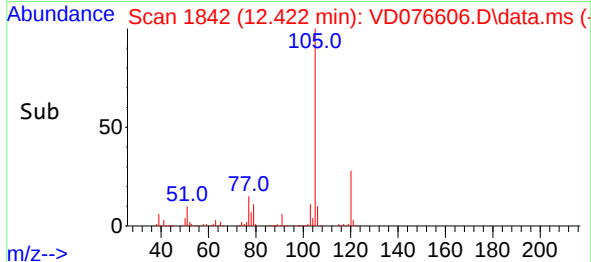
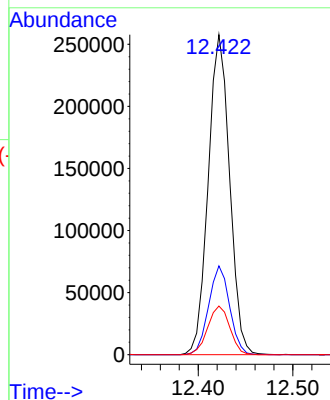
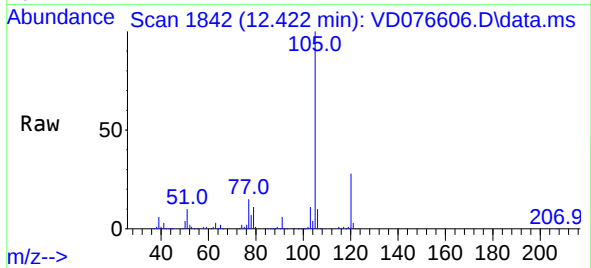




#60
Isopropylbenzene
Concen: 25.329 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

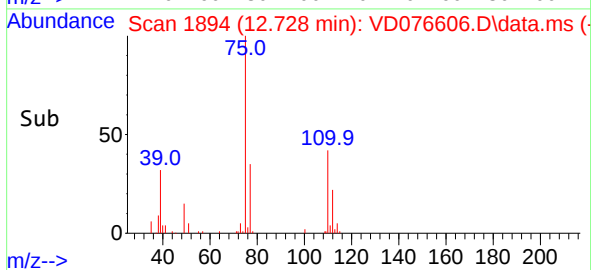
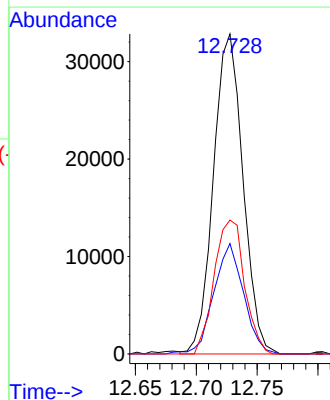
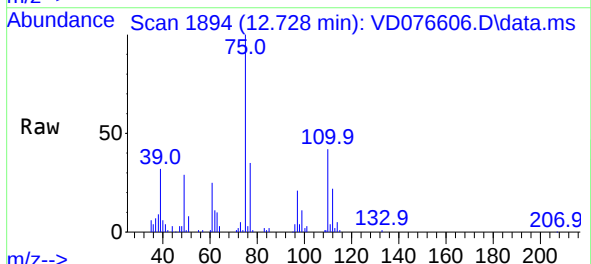
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

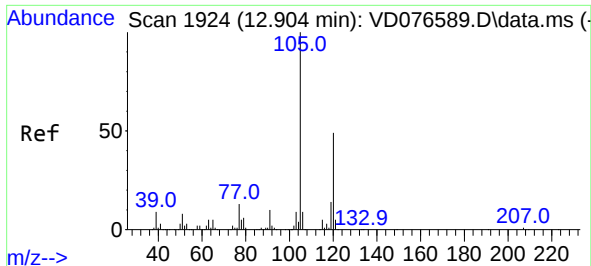
Tgt Ion:105 Resp: 403960
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 27.410 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion: 75 Resp: 55466
Ion Ratio Lower Upper
75 100
77 34.5 27.2 40.8
110 42.9 31.8 47.6

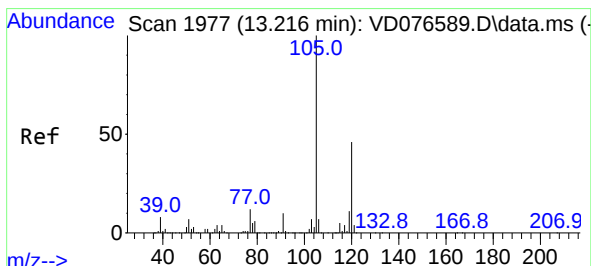
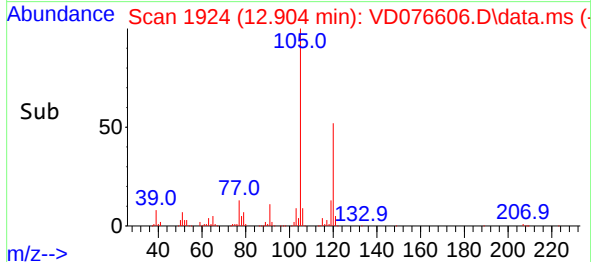
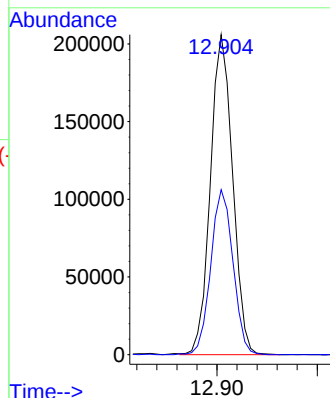
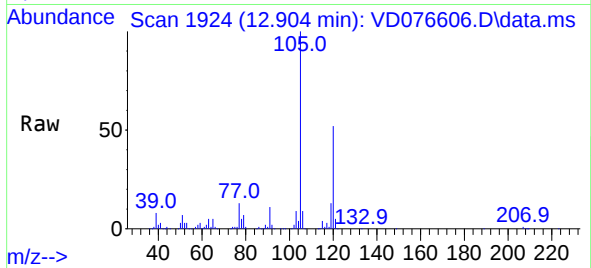




#62
1,3,5-Trimethylbenzene
Concen: 24.873 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

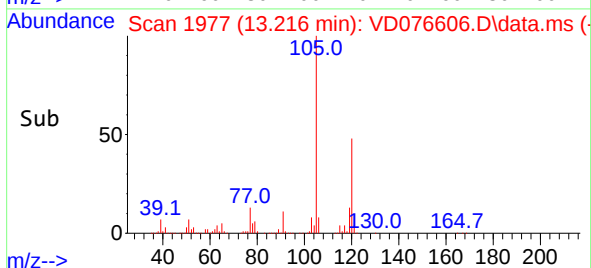
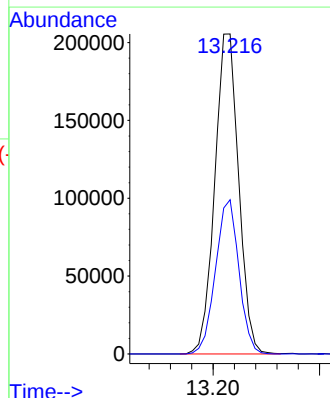
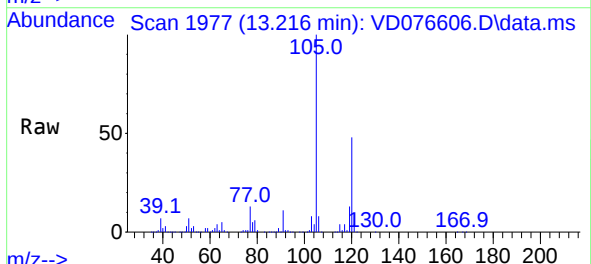
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

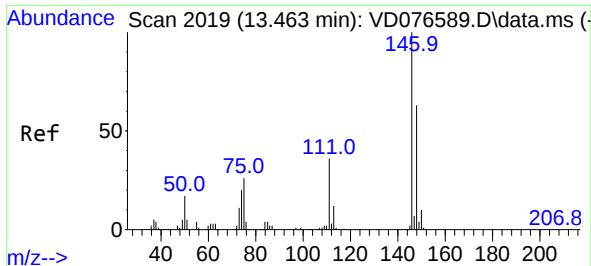
Tgt Ion:105 Resp: 317372
Ion Ratio Lower Upper
105 100
120 51.6 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 25.368 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:105 Resp: 319420
Ion Ratio Lower Upper
105 100
120 47.2 37.5 56.3

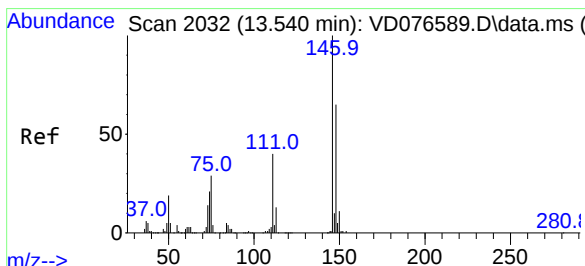
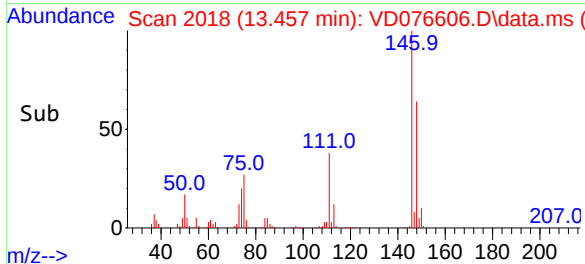
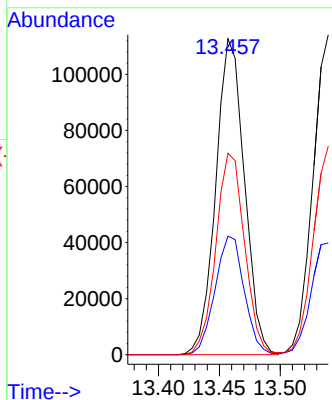
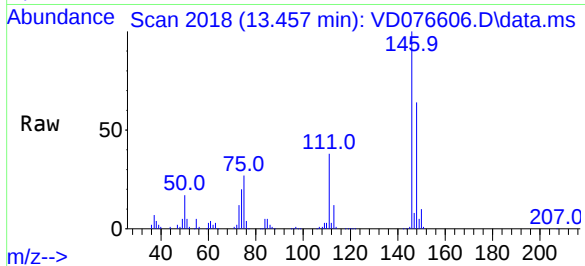




#64
1,3-Dichlorobenzene
Concen: 26.025 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

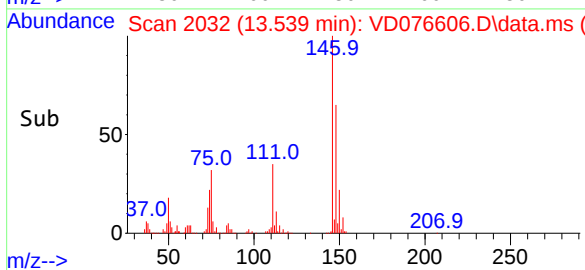
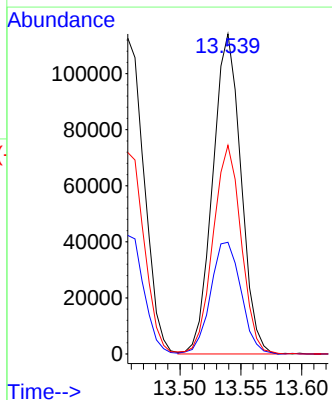
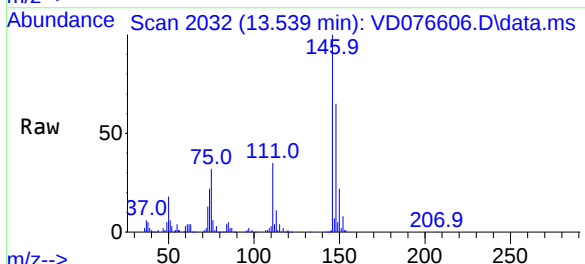
Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

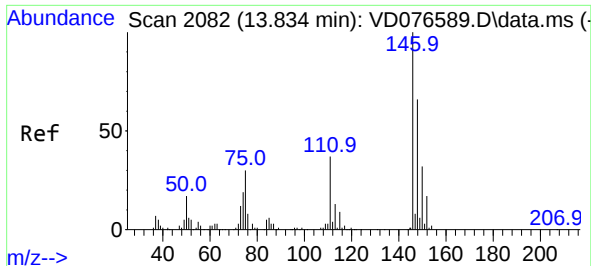
Tgt Ion:146 Resp: 184653
Ion Ratio Lower Upper
146 100
111 37.5 25.6 47.4
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.804 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:146 Resp: 184549
Ion Ratio Lower Upper
146 100
111 34.9 25.7 47.7
148 65.2 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 25.671 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD025161

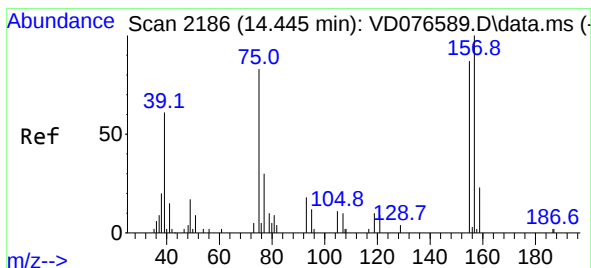
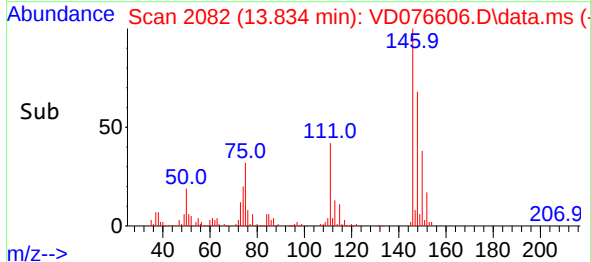
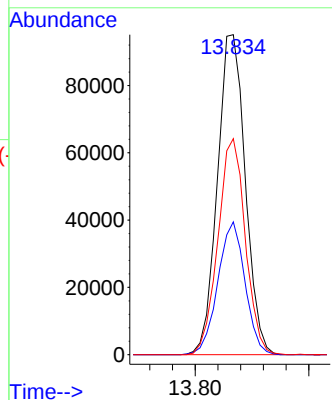
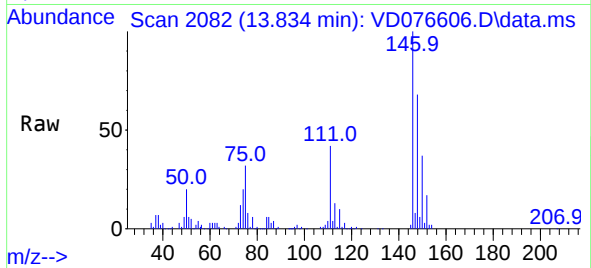
Tgt Ion:146 Resp: 162259

Ion Ratio Lower Upper

146 100

111 41.5 31.3 46.9

148 67.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 26.405 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076606.D

Acq: 27 Jun 2023 21:25

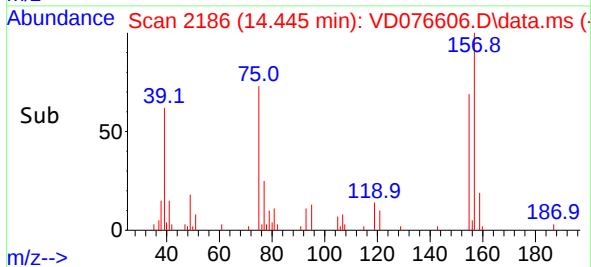
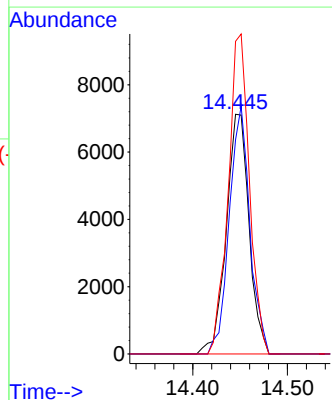
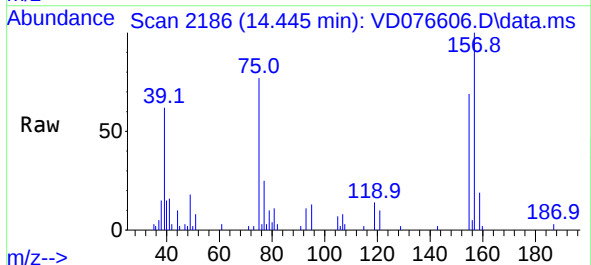
Tgt Ion: 75 Resp: 11908

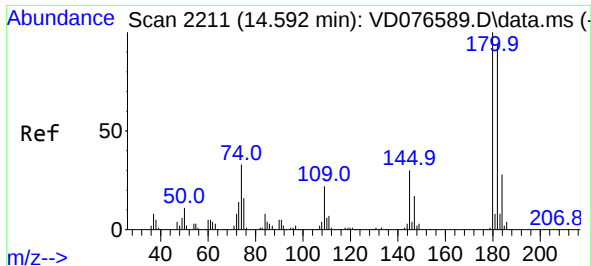
Ion Ratio Lower Upper

75 100

155 89.4 76.2 114.4

157 130.5 89.4 134.2



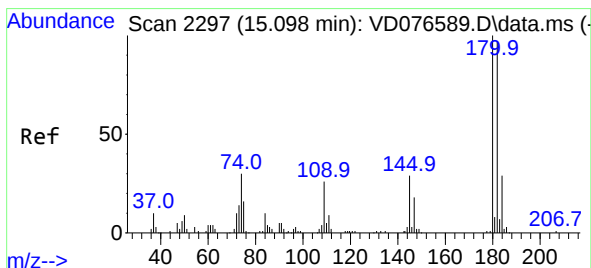
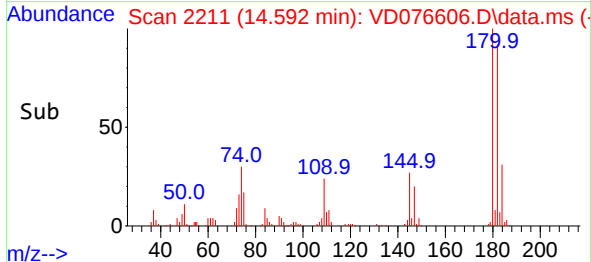
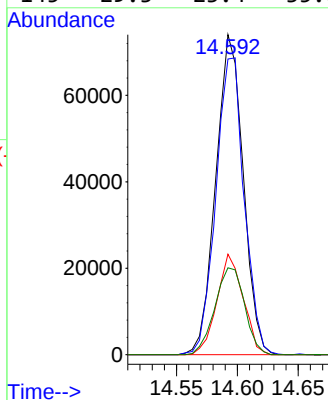
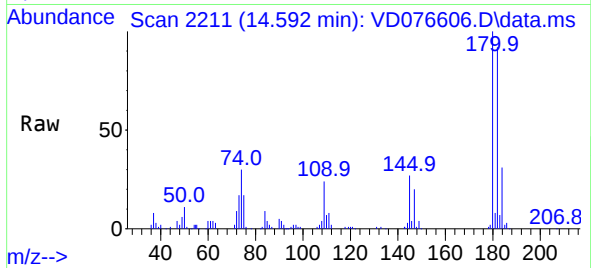


#69
 1,3,5-Trichlorobenzene
 Concen: 24.550 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD076606.D
 Acq: 27 Jun 2023 21:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025161

Tgt Ion:180 Resp: 116183

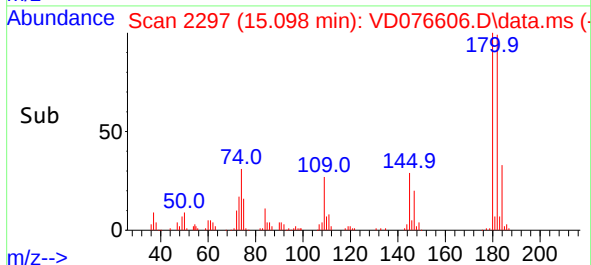
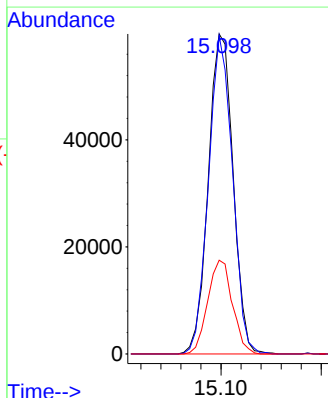
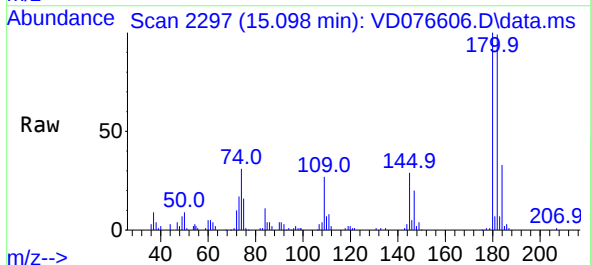
Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.1	115.7
184	30.0	25.0	37.4
145	29.3	23.4	35.0

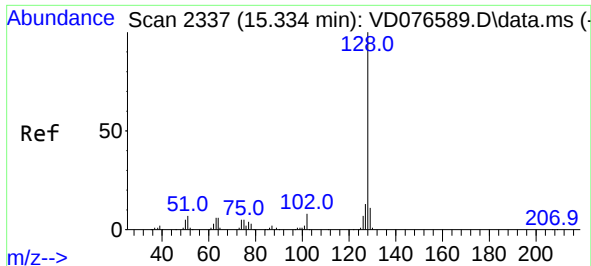


#70
 1,2,4-trichlorobenzene
 Concen: 24.396 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD076606.D
 Acq: 27 Jun 2023 21:25

Tgt Ion:180 Resp: 102729

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.9	115.3
145	29.1	23.5	35.3



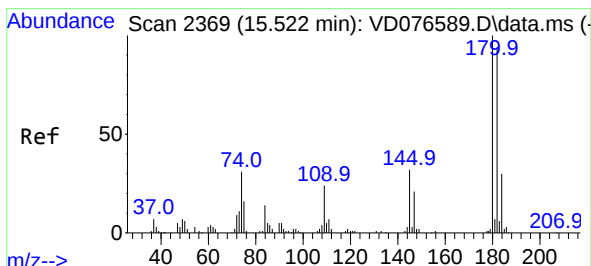
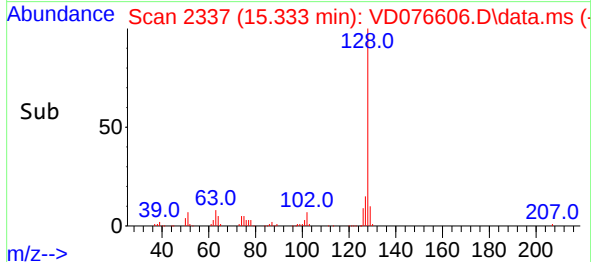
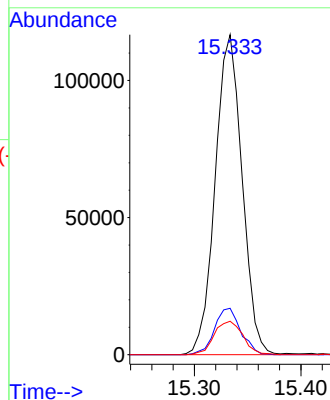
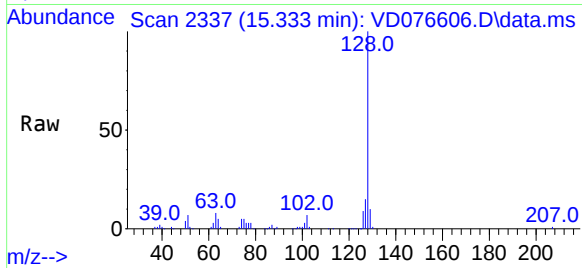


#71
Naphthalene
Concen: 25.375 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Instrument :
MSVOA_D
ClientSampleId :
VSTD025161

Tgt Ion:128 Resp: 204575

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.8	16.2
129	11.2	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.761 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076606.D
Acq: 27 Jun 2023 21:25

Tgt Ion:180 Resp: 94201

Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.3	111.5
145	30.9	25.0	37.6

