

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090722\
 Data File : VW027781.D
 Acq On : 07 Sep 2022 15:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

Quant Time: Sep 08 07:55:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	131630	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	127834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	42188	4.862	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.561	69	38518	5.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.101	63	100602	5.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	3.944	46	31748	16.510	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	33.020%#
24) Chloroform-d	4.342	84	93101	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.027	65	42973	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.043	84	165859	4.472	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.066	67	43872	4.041	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.310	98	159855	5.126	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.622	79	17979	4.936	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.091	63	60747	44.864	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31747	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	55779	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	74841	5.792	ug/L	99
3) Chloromethane	1.240	50	64722	5.501	ug/L	99
5) Vinyl chloride	1.304	62	67362	5.684	ug/L	98
6) Bromomethane	1.516	94	36798	5.765	ug/L	98
8) Chloroethane	1.577	64	39768	5.844	ug/L	99
9) Trichlorofluoromethane	1.744	101	114409	5.958	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	57530	6.146	ug/L	97
12) 1,1-Dichloroethene	2.111	96	53436	6.125	ug/L	93
13) Acetone	2.223	43	18759	13.093	ug/L	64
14) Carbon disulfide	2.285	76	147164	5.681	ug/L	99
15) Methyl Acetate	2.436	43	17936	4.720	ug/L	98
16) Methylene chloride	2.500	84	54898	4.887	ug/L	90
17) Methyl tert-butyl Ether	2.770	73	99023	4.782	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	51935	5.637	ug/L	92
19) 1,1-Dichloroethane	3.182	63	93251	5.394	ug/L	99
21) 2-Butanone	4.018	43	32970	16.302	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	50810	5.060	ug/L #	87
23) Bromochloromethane	4.239	128	23489	5.571	ug/L	84
25) Chloroform	4.368	83	103359	5.388	ug/L	98

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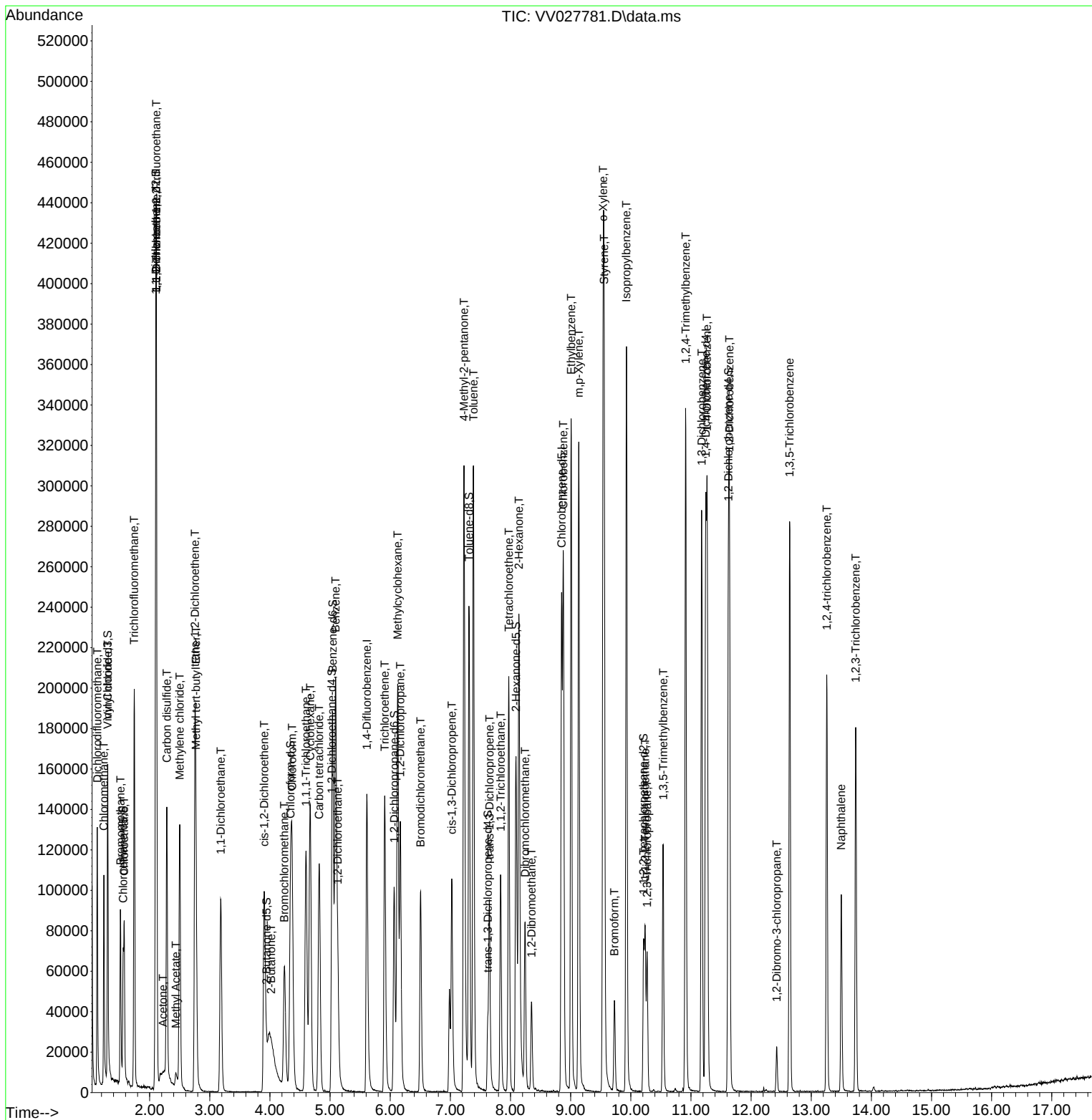
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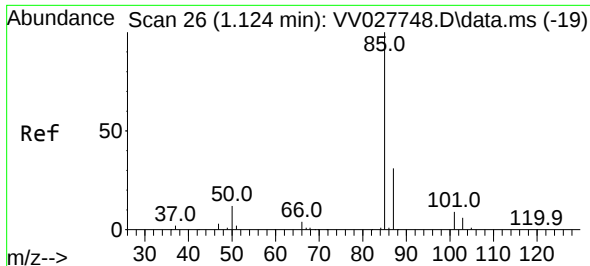
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58074	4.994	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	97896	4.979	ug/L	96
30) Cyclohexane	4.670	56	70502	4.364	ug/L	97
31) Carbon tetrachloride	4.818	117	86481	5.177	ug/L	96
33) Benzene	5.092	78	206522	4.891	ug/L	100
34) Trichloroethene	5.908	95	52358	4.955	ug/L	99
35) Methylcyclohexane	6.124	83	80373	4.953	ug/L	97
37) 1,2-Dichloropropane	6.169	63	46978	4.689	ug/L	98
38) Bromodichloromethane	6.506	83	65819	4.955	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	64902	5.131	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	211975	46.680	ug/L	96
42) Toluene	7.384	91	226817	5.546	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	54698	5.152	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	32978	5.080	ug/L	98
47) Tetrachloroethene	7.972	164	44068	5.197	ug/L	94
48) 2-Hexanone	8.140	43	160197	48.525	ug/L	98
49) Dibromochloromethane	8.243	129	41466	5.032	ug/L	99
50) 1,2-Dibromoethane	8.349	107	28962	4.934	ug/L	99
51) Chlorobenzene	8.879	112	141167	5.319	ug/L	99
52) Ethylbenzene	9.008	91	229730	5.417	ug/L	99
53) m,p-Xylene	9.136	106	93713	5.617	ug/L	96
54) o-Xylene	9.541	106	87021	5.472	ug/L	99
55) Styrene	9.558	104	155294	5.647	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	36272	4.986	ug/L	98
59) Bromoform	9.728	173	20560	4.717	ug/L	99
60) Isopropylbenzene	9.927	105	235648	5.231	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	26191	4.593	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	67197	5.297	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	187755	5.206	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	116995	5.129	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	115650	5.031	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	103626	5.003	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5804	4.742	ug/L	85
69) 1,3,5-Trichlorobenzene	12.641	180	88512	5.122	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	63355	4.637	ug/L	100
71) Naphthalene	13.500	128	78516	3.658	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	54436	4.472	ug/L	99

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

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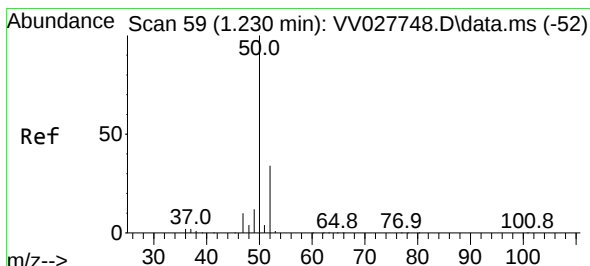
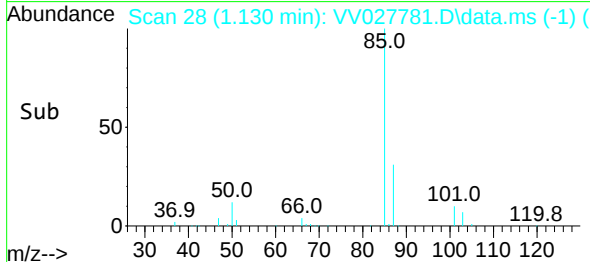
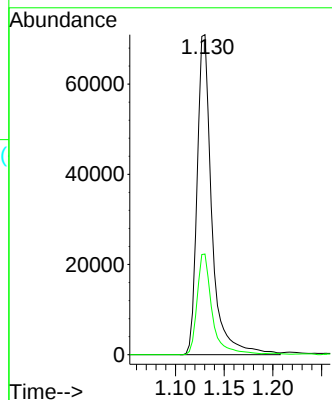
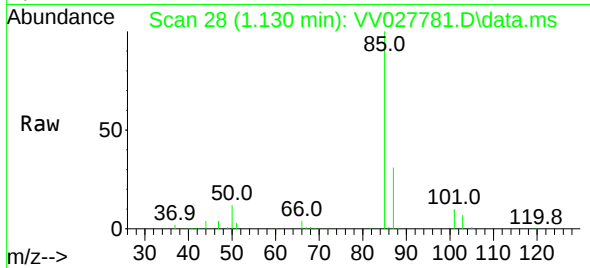




#2
 Dichlorodifluoromethane
 Concen: 5.792 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027781.D
 Acq: 07 Sep 2022 15:25

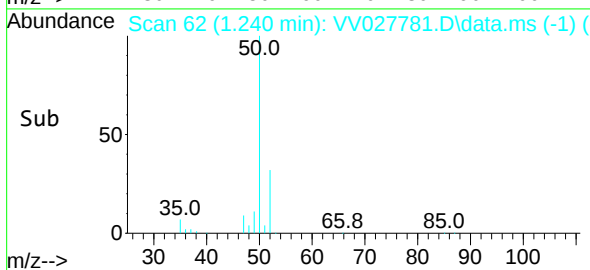
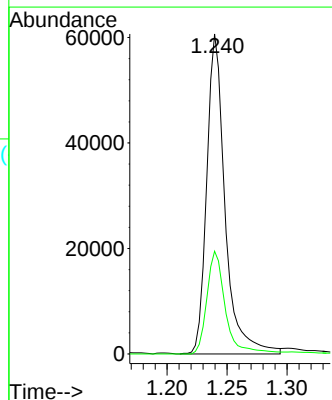
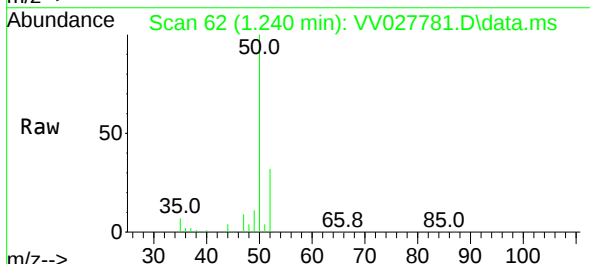
Instrument :
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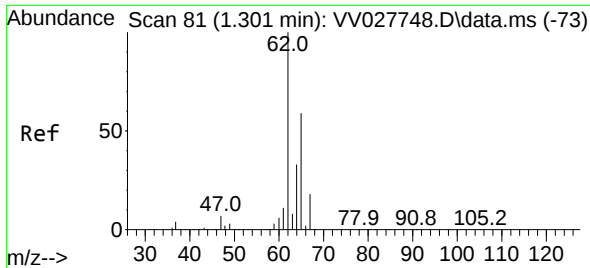
Tgt Ion: 85 Resp: 74841
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.0



#3
 Chloromethane
 Concen: 5.501 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027781.D
 Acq: 07 Sep 2022 15:25

Tgt Ion: 50 Resp: 64722
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.1 41.1

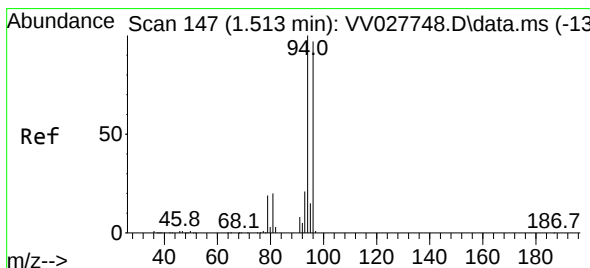
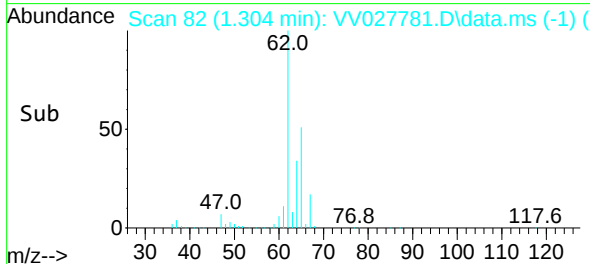
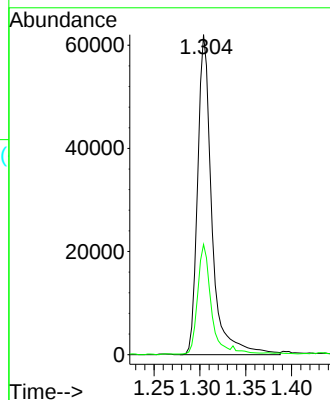
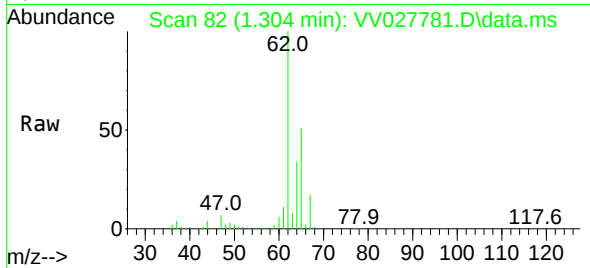




#5
 Vinyl chloride
 Concen: 5.684 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027781.D
 Acq: 07 Sep 2022 15:25

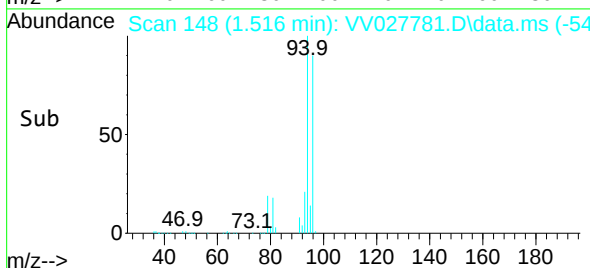
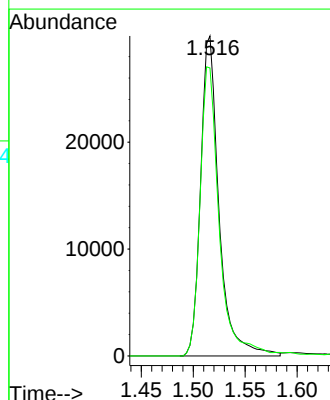
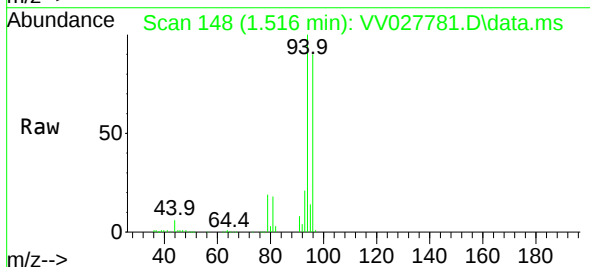
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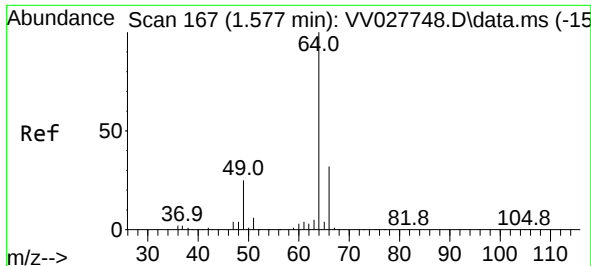
Tgt Ion: 62 Resp: 67362
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.2



#6
 Bromomethane
 Concen: 5.765 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027781.D
 Acq: 07 Sep 2022 15:25

Tgt Ion: 94 Resp: 36798
 Ion Ratio Lower Upper
 94 100
 96 90.0 64.2 119.2

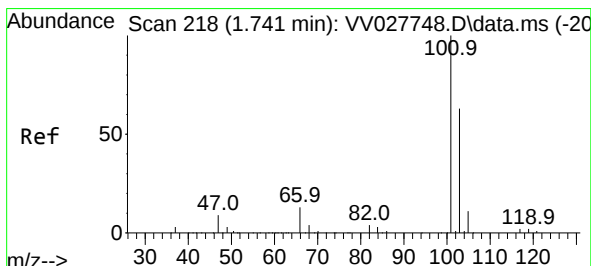
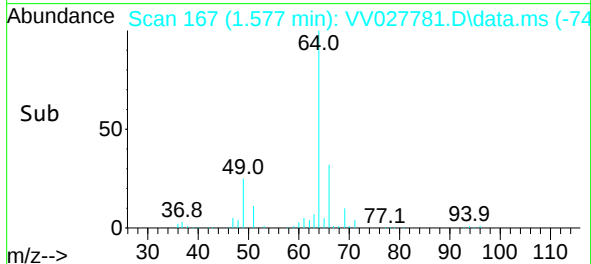
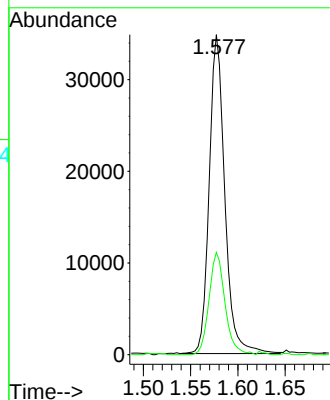
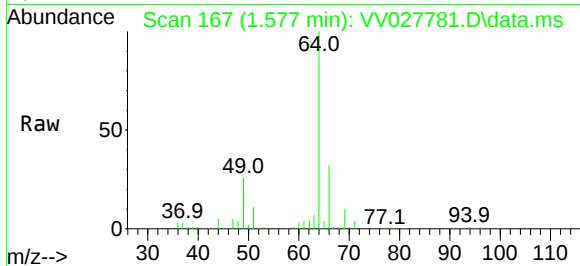




#8
Chloroethane
Concen: 5.844 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

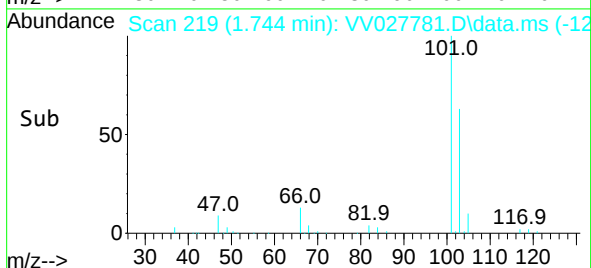
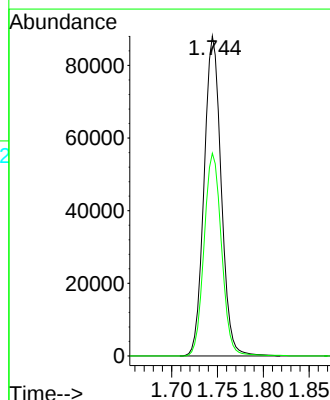
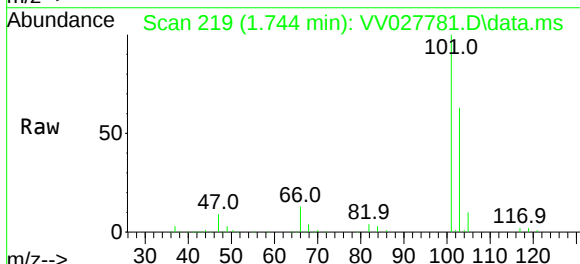
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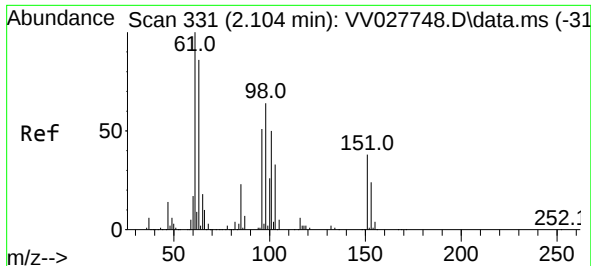
Tgt Ion: 64 Resp: 39768
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.958 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 101 Resp: 114409
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

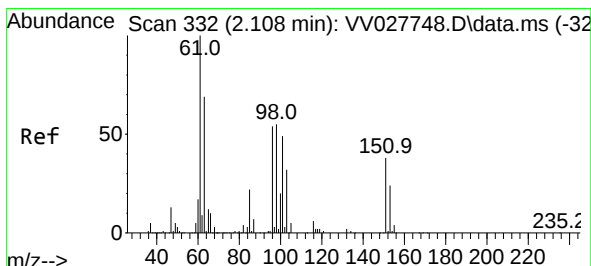
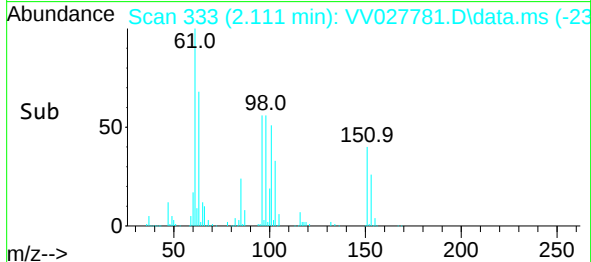
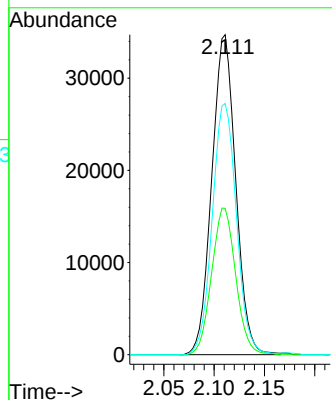
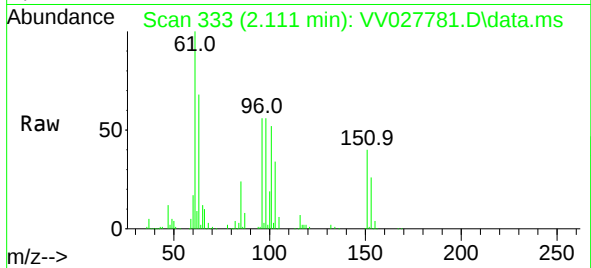




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.146 ug/L
RT: 2.111 min Scan# 331
Delta R.T. 0.006 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

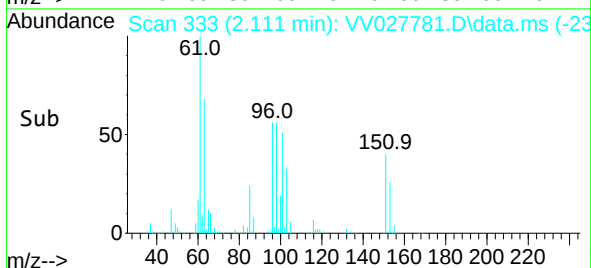
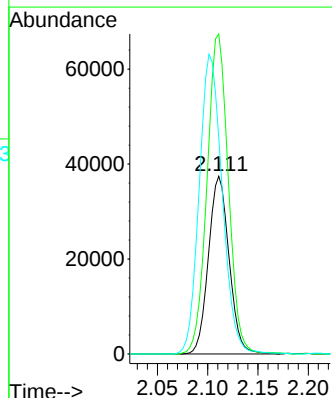
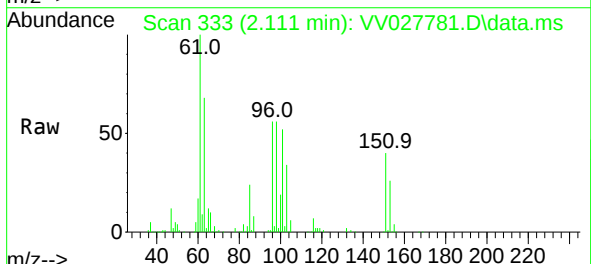
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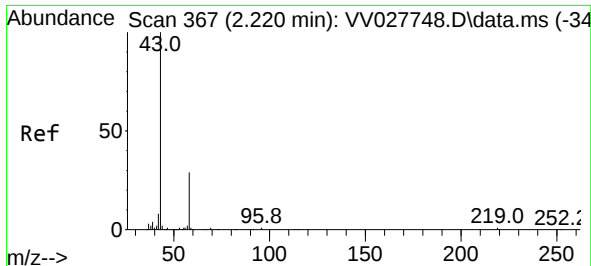
Tgt Ion:101 Resp: 57530
Ion Ratio Lower Upper
101 100
85 46.1 35.8 53.8
151 79.5 61.2 91.8



#12
1,1-Dichloroethene
Concen: 6.125 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 96 Resp: 53436
Ion Ratio Lower Upper
96 100
61 180.0 129.9 241.3
63 121.7 94.6 175.8

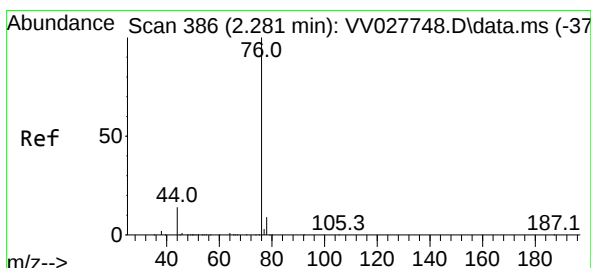
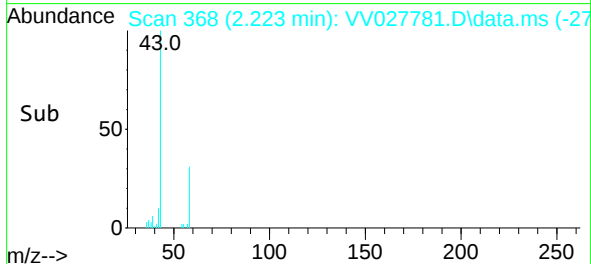
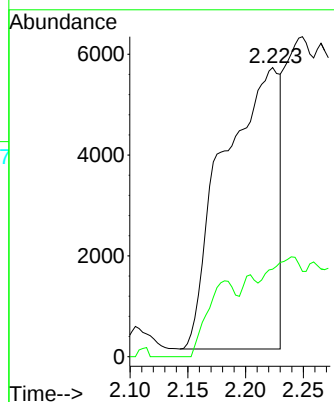
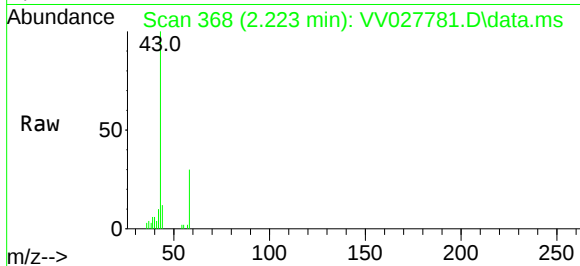




#13
Acetone
Concen: 13.093 ug/L
RT: 2.223 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

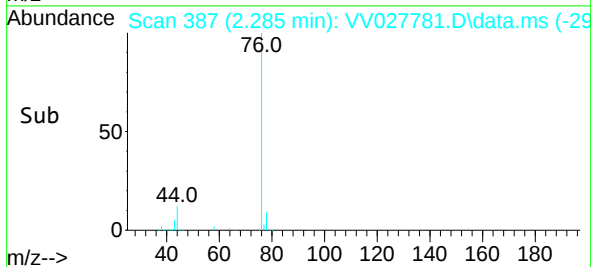
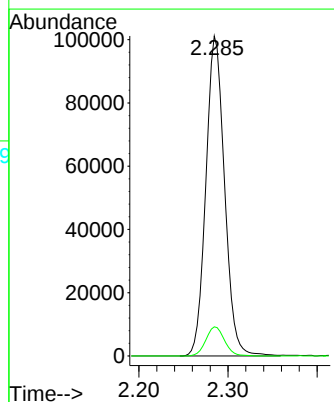
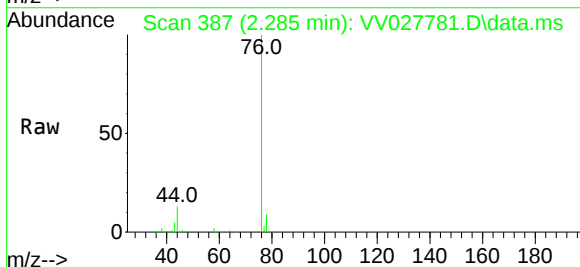
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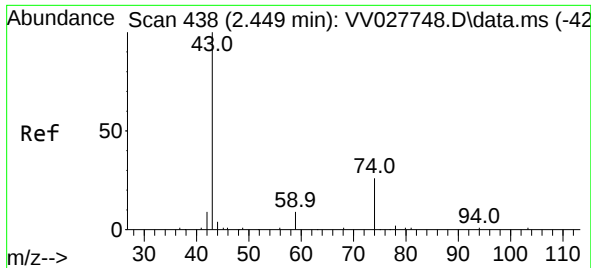
Tgt Ion: 43 Resp: 18759
Ion Ratio Lower Upper
43 100
58 6.8 0.0 49.4



#14
Carbon disulfide
Concen: 5.681 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 76 Resp: 147164
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

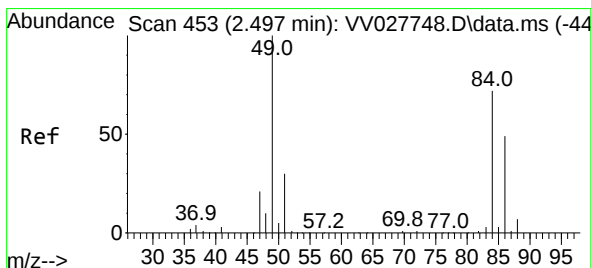
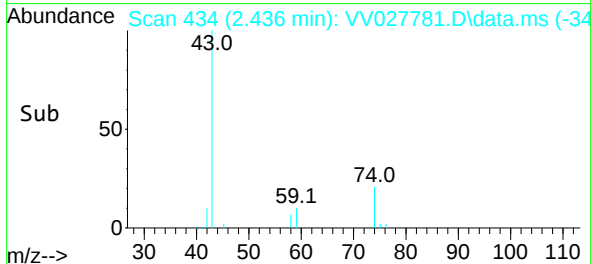
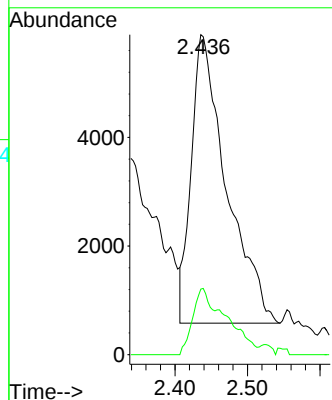
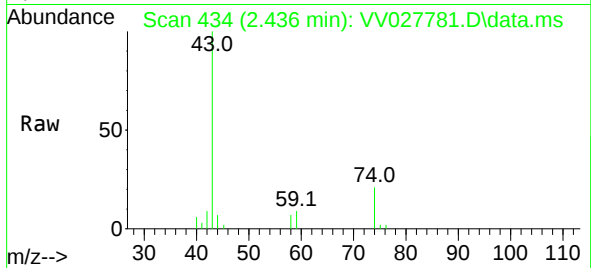




#15
Methyl Acetate
Concen: 4.720 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.013 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

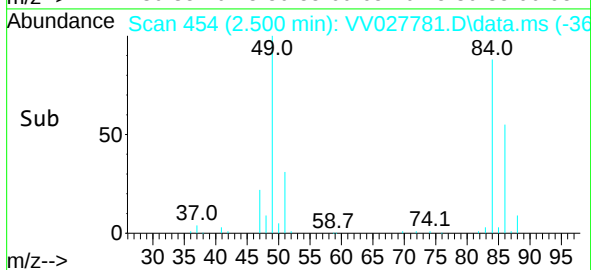
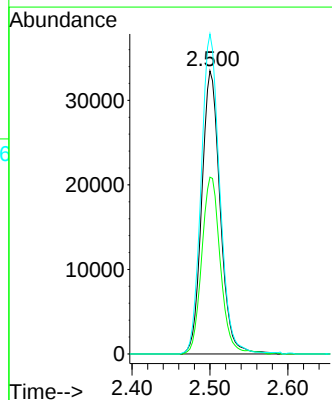
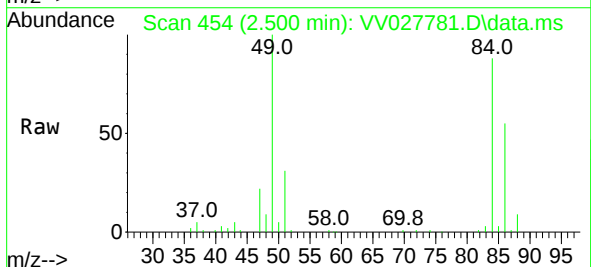
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

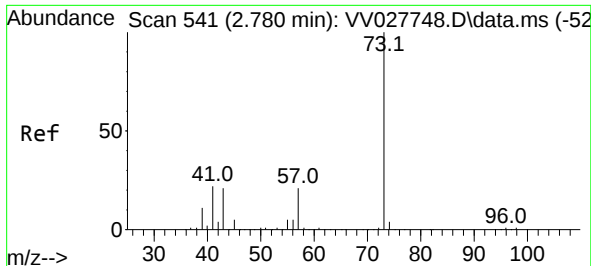
Tgt Ion: 43 Resp: 17936
Ion Ratio Lower Upper
43 100
74 21.9 16.6 25.0



#16
Methylene chloride
Concen: 4.887 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 84 Resp: 54898
Ion Ratio Lower Upper
84 100
86 62.5 44.9 83.3
49 113.1 90.1 167.3

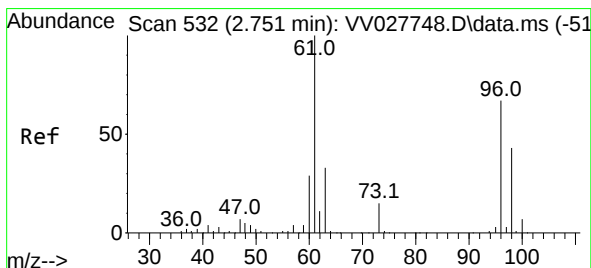
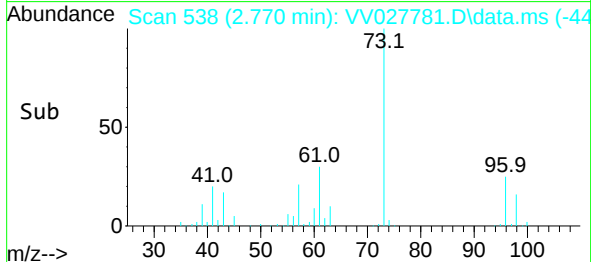
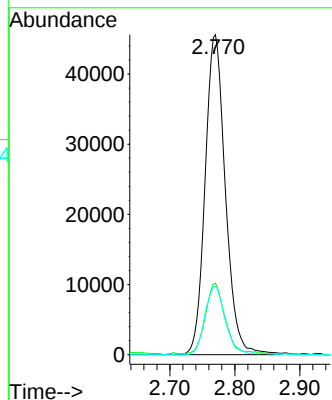
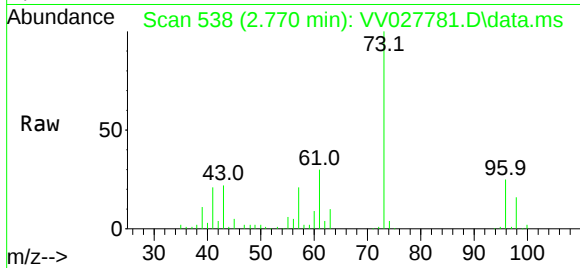




#17
Methyl tert-butyl Ether
Concen: 4.782 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.010 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

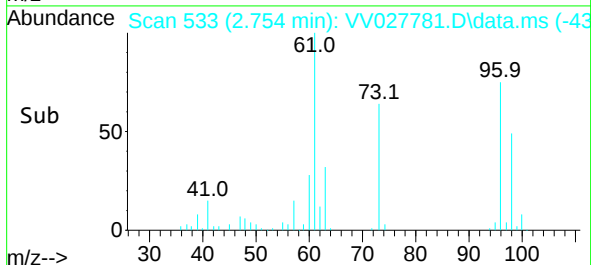
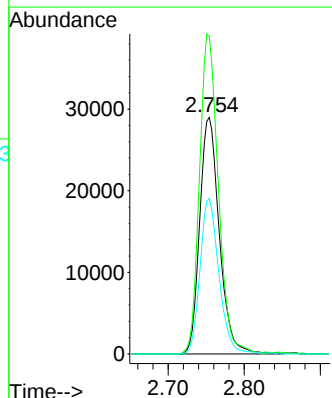
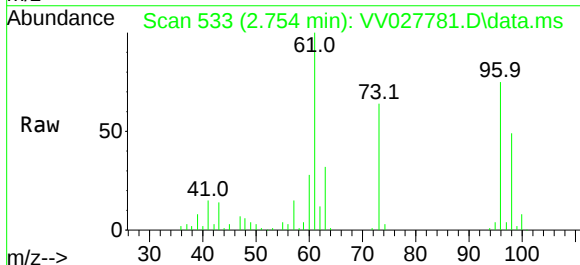
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

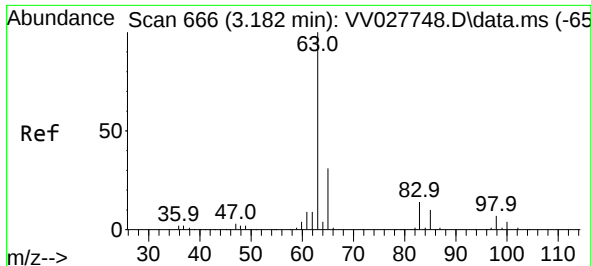
Tgt Ion:	73	Resp:	99023
Ion	Ratio	Lower	Upper
73	100		
43	21.3	17.5	26.3
57	21.2	16.9	25.3



#18
trans-1,2-Dichloroethene
Concen: 5.637 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion:	96	Resp:	51935
Ion	Ratio	Lower	Upper
96	100		
61	134.2	102.6	190.5
98	65.7	44.0	81.8





#19

1,1-Dichloroethane

Concen: 5.394 ug/L

RT: 3.182 min Scan# 60

Delta R.T. 0.000 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD005287

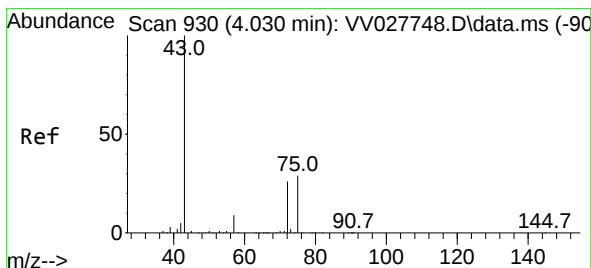
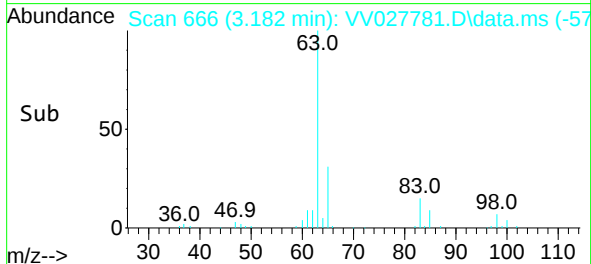
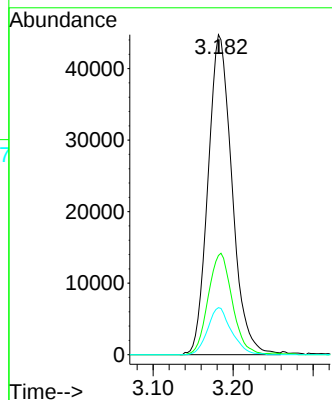
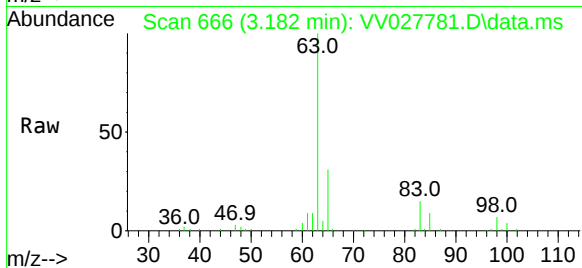
Tgt Ion: 63 Resp: 93251

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 14.7 10.1 18.9



#21

2-Butanone

Concen: 16.302 ug/L

RT: 4.018 min Scan# 926

Delta R.T. -0.013 min

Lab File: VV027781.D

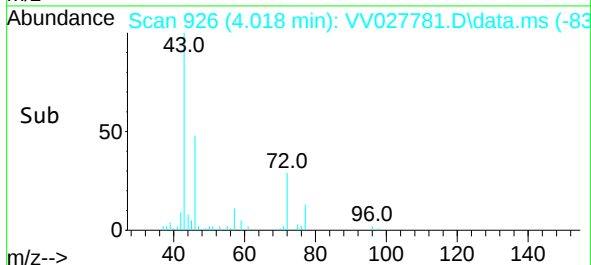
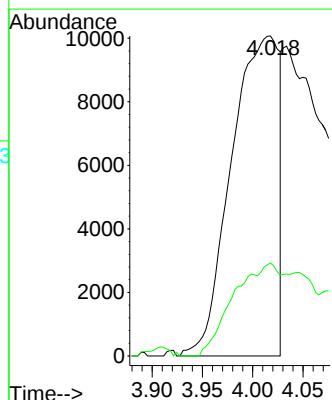
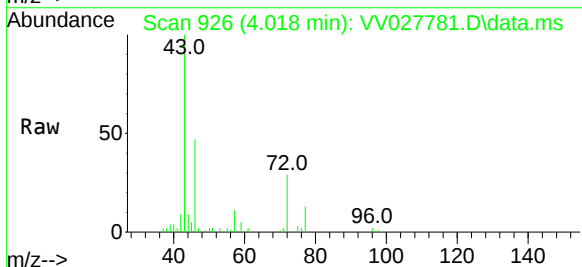
Acq: 07 Sep 2022 15:25

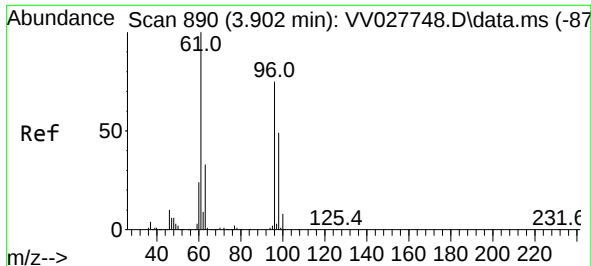
Tgt Ion: 43 Resp: 32970

Ion Ratio Lower Upper

43 100

72 29.2 13.0 39.0

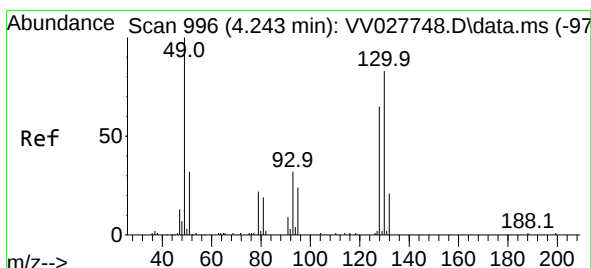
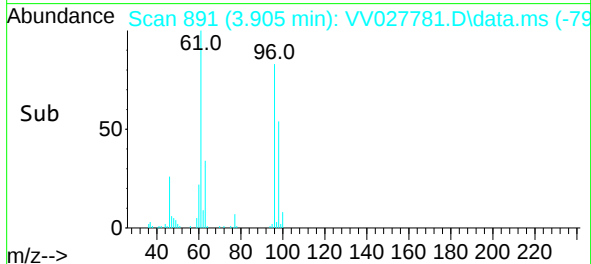
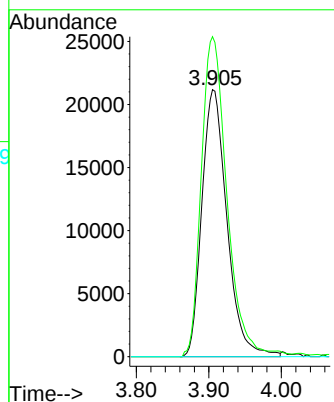
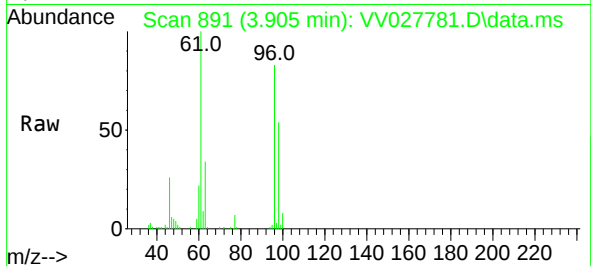




#22
 cis-1,2-Dichloroethene
 Concen: 5.060 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027781.D
 Acq: 07 Sep 2022 15:25

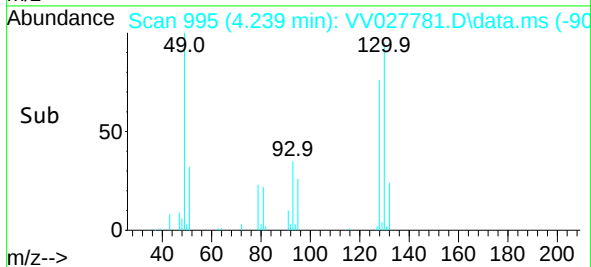
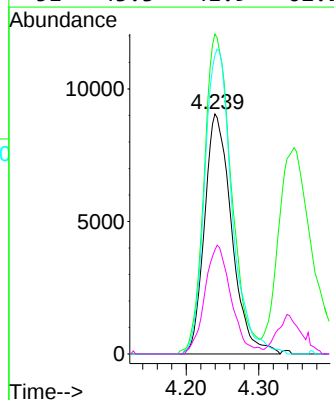
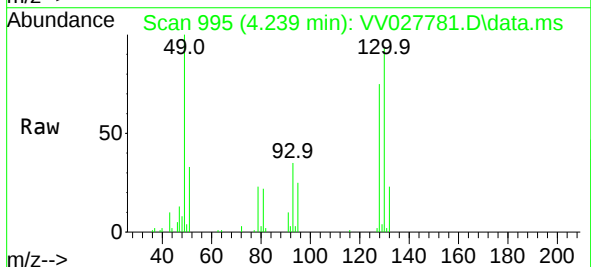
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

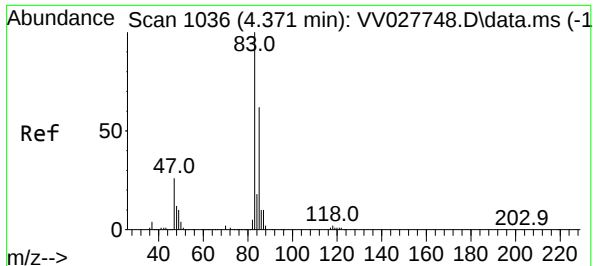
Tgt Ion: 96 Resp: 50810
 Ion Ratio Lower Upper
 96 100
 61 119.8 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 5.571 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV027781.D
 Acq: 07 Sep 2022 15:25

Tgt Ion:128 Resp: 23489
 Ion Ratio Lower Upper
 128 100
 49 133.4 118.4 219.8
 130 124.6 89.2 165.6
 51 43.3 41.9 62.9





#25

Chloroform

Concen: 5.388 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

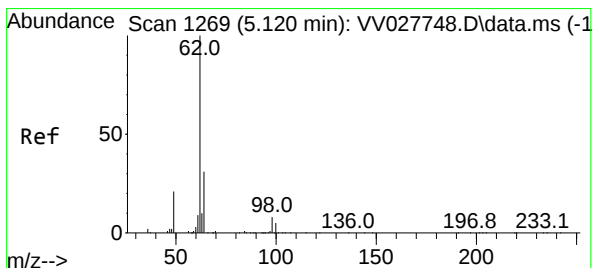
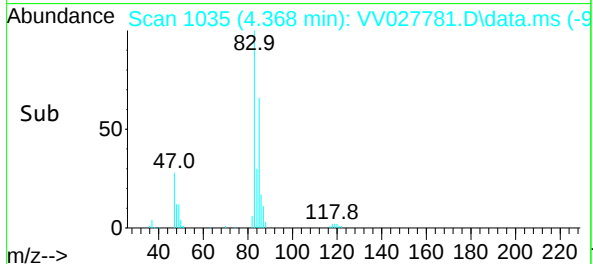
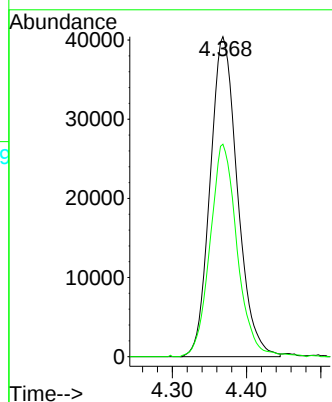
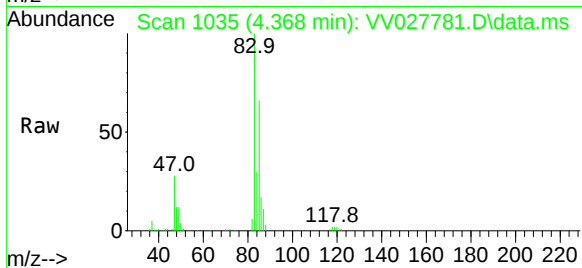
VSTD005287

Tgt Ion: 83 Resp: 103359

Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.994 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VV027781.D

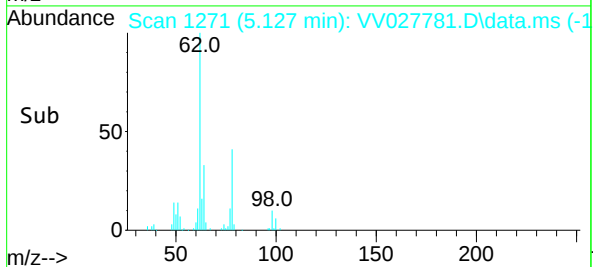
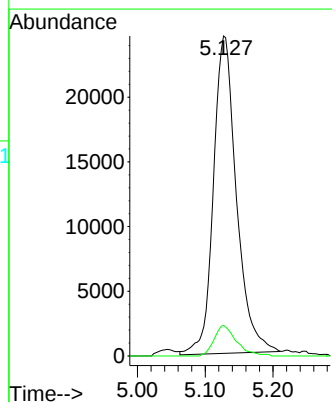
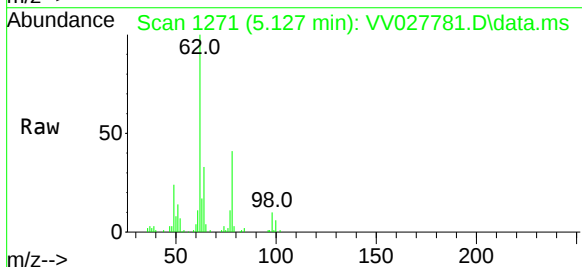
Acq: 07 Sep 2022 15:25

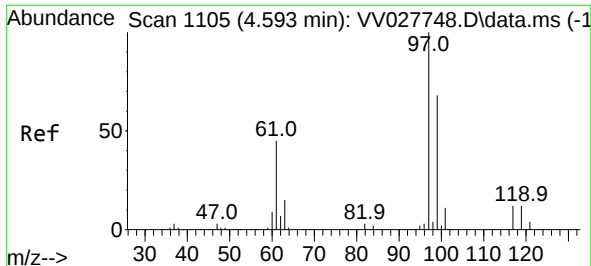
Tgt Ion: 62 Resp: 58074

Ion Ratio Lower Upper

62 100

98 9.5 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 4.979 ug/L

RT: 4.600 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD005287

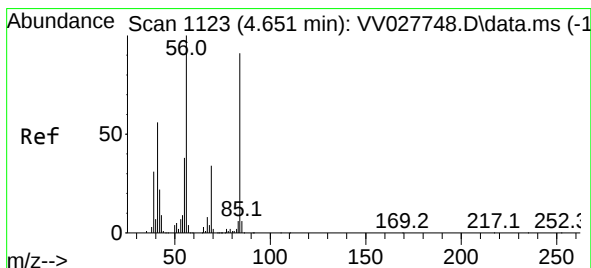
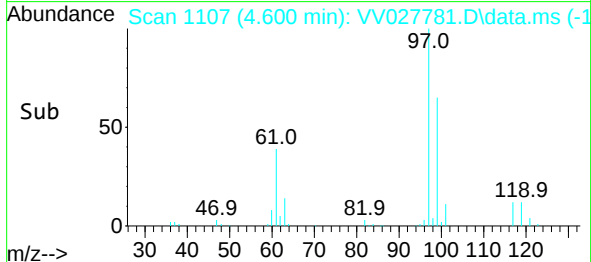
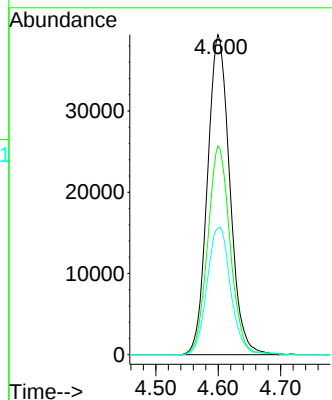
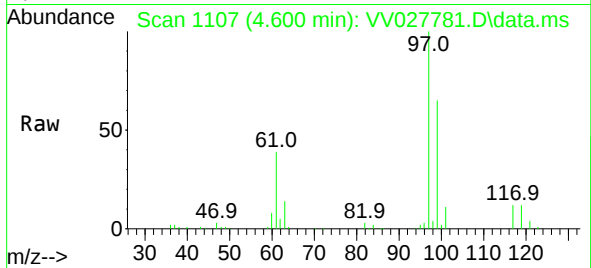
Tgt Ion: 97 Resp: 97896

Ion Ratio Lower Upper

97 100

99 65.4 50.8 76.2

61 41.7 36.2 54.4



#30

Cyclohexane

Concen: 4.364 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

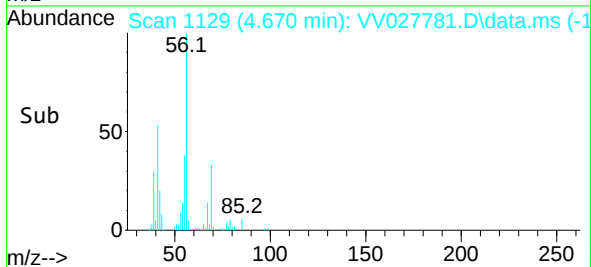
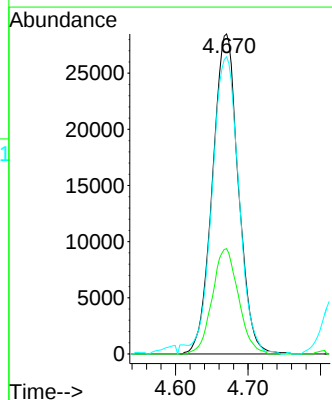
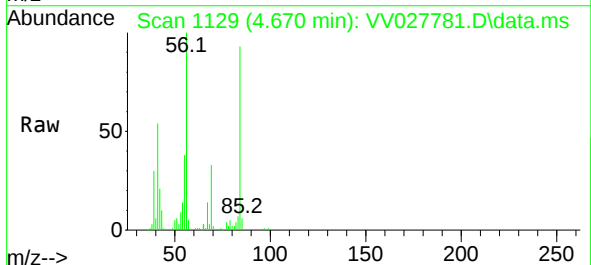
Tgt Ion: 56 Resp: 70502

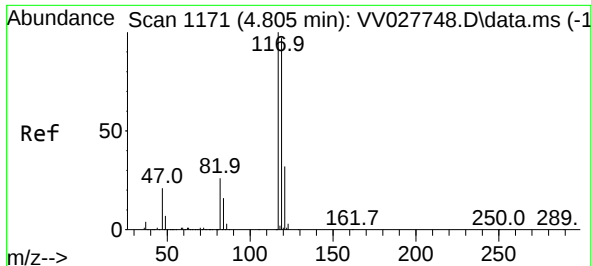
Ion Ratio Lower Upper

56 100

69 33.2 25.4 38.2

84 95.7 73.8 110.8

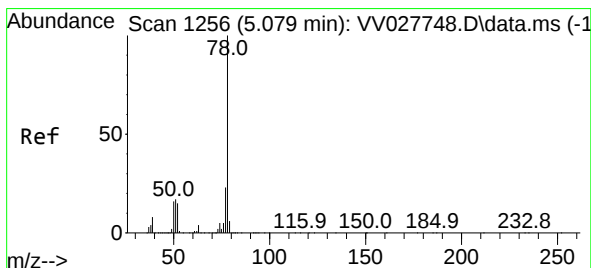
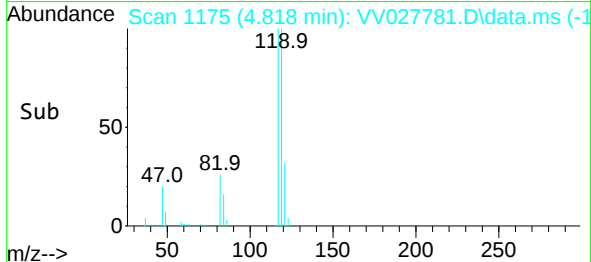
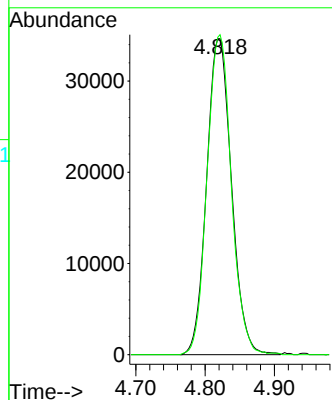
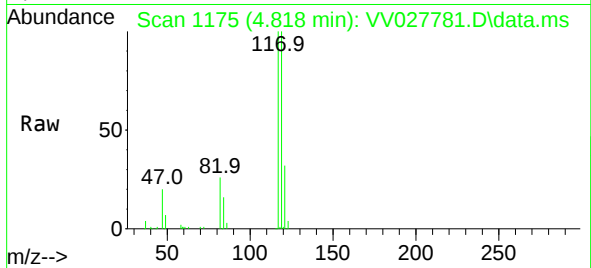




#31
Carbon tetrachloride
Concen: 5.177 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.013 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

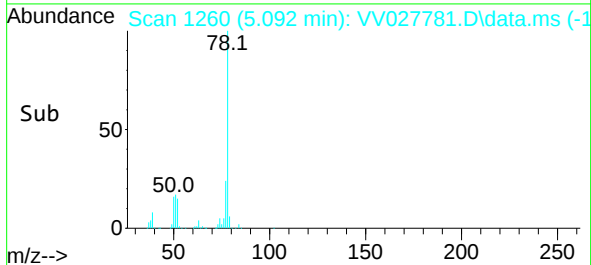
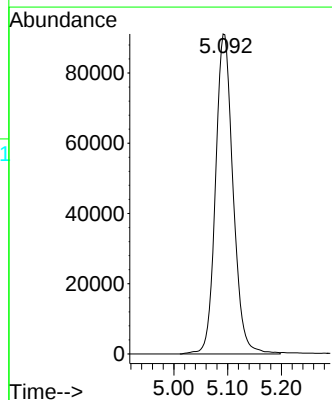
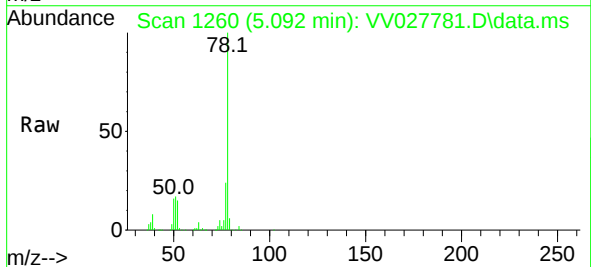
Instrument : MSVOA_V
ClientSampleId : VSTD005287

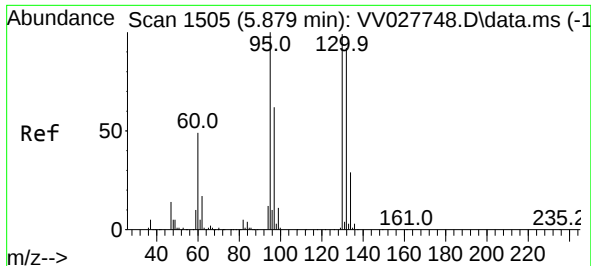
Tgt Ion: 117 Resp: 86481
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.8



#33
Benzene
Concen: 4.891 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.013 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 78 Resp: 206522

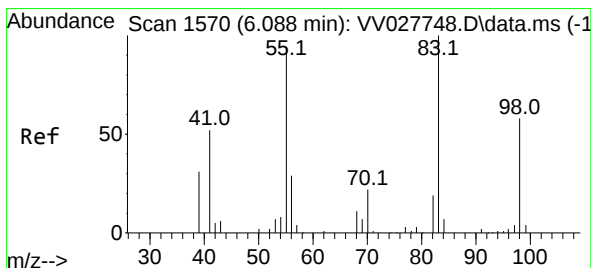
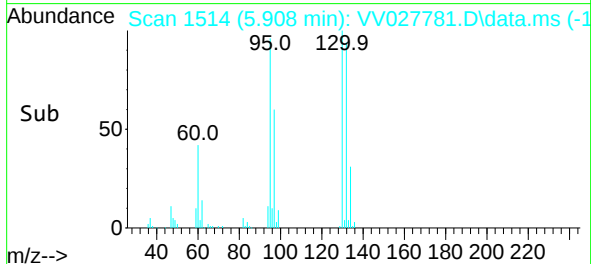
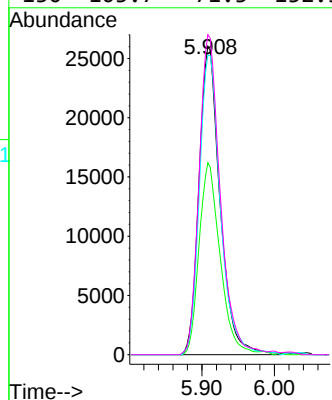
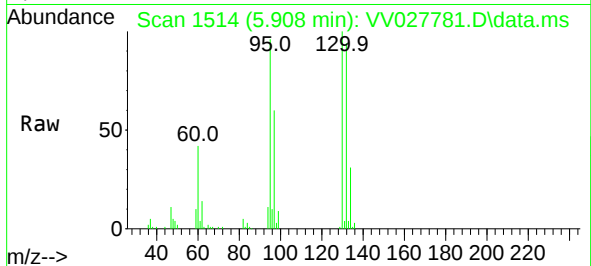




#34
Trichloroethene
Concen: 4.955 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.029 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

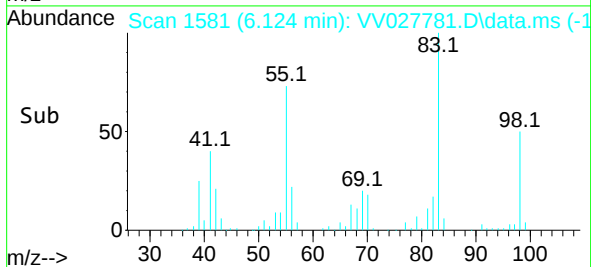
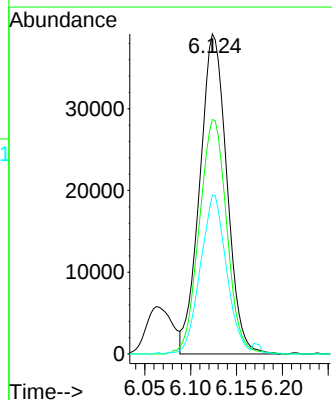
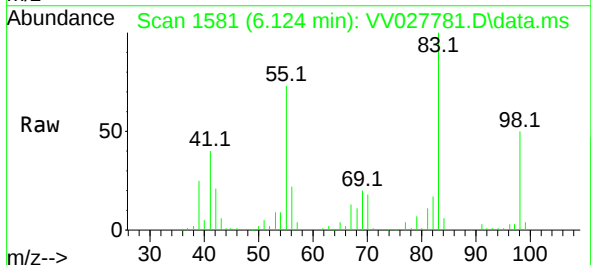
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

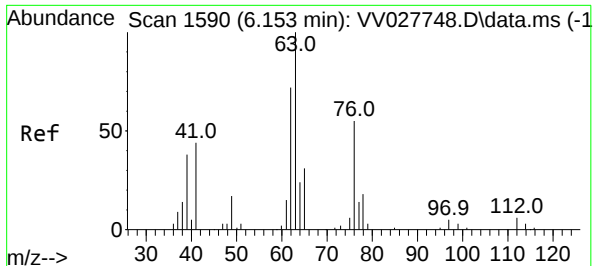
Tgt Ion:	95	Resp:	52358
Ion	Ratio	Lower	Upper
95	100		
97	62.2	42.9	79.7
132	97.1	67.9	126.1
130	103.7	71.3	132.3



#35
Methylcyclohexane
Concen: 4.953 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.035 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion:	83	Resp:	80373
Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.9	92.9
98	48.0	37.5	56.3





#37

1,2-Dichloropropane

Concen: 4.689 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

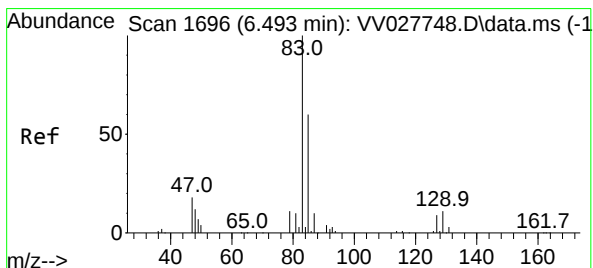
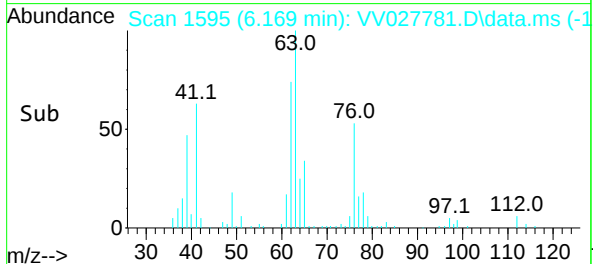
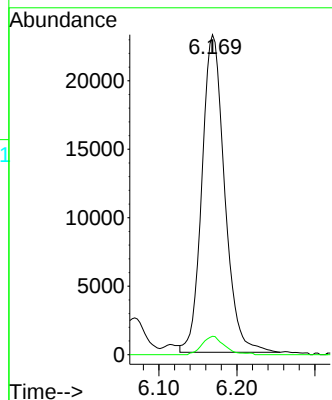
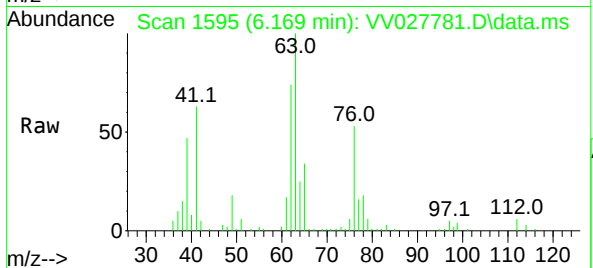
VSTD005287

Tgt Ion: 63 Resp: 46978

Ion Ratio Lower Upper

63 100

112 5.7 4.0 6.0



#38

Bromodichloromethane

Concen: 4.955 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.013 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

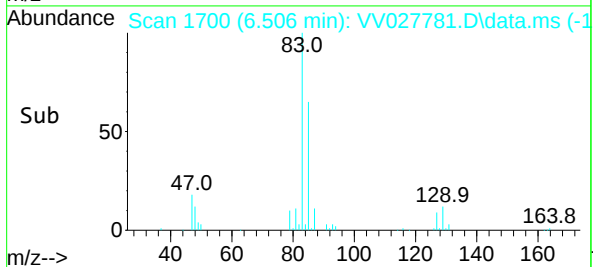
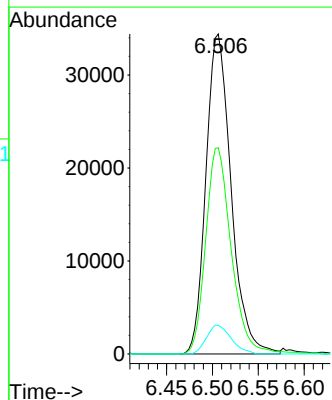
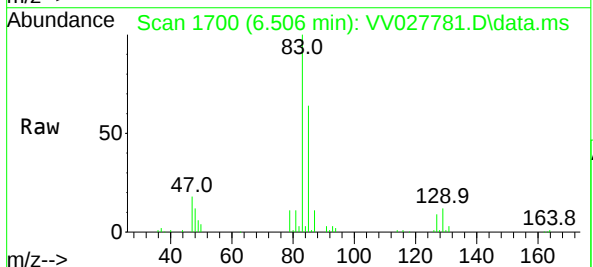
Tgt Ion: 83 Resp: 65819

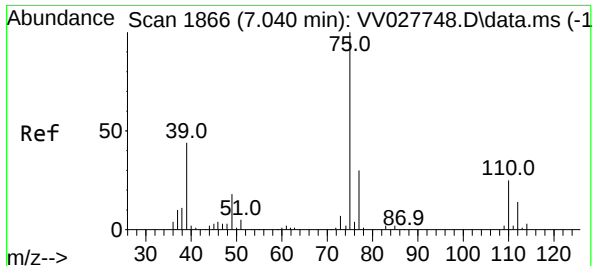
Ion Ratio Lower Upper

83 100

85 64.5 43.3 80.3

127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.131 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

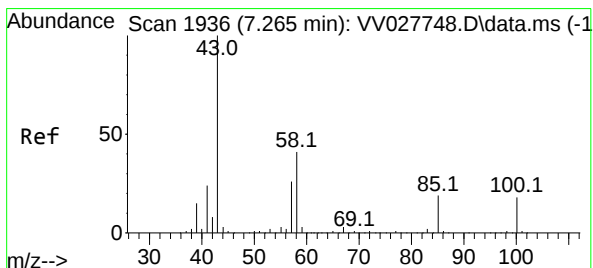
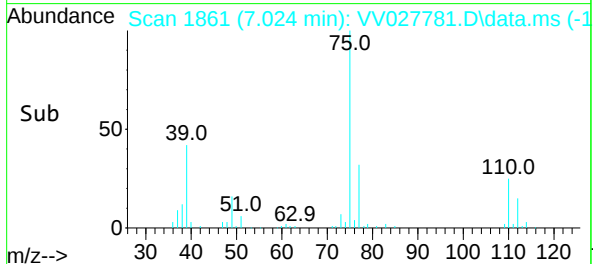
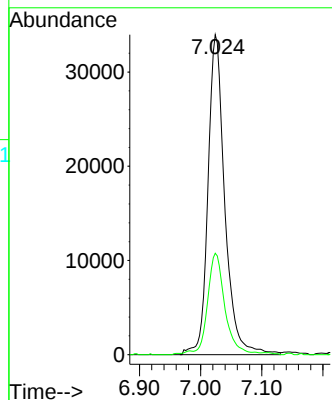
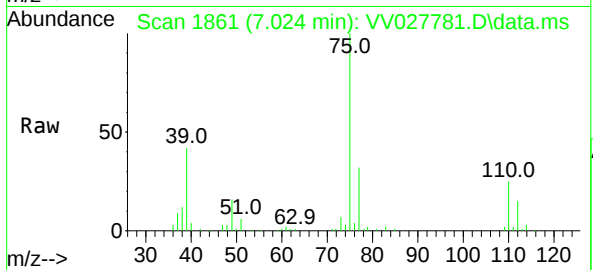
VSTD005287

Tgt Ion: 75 Resp: 64902

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 46.680 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.039 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

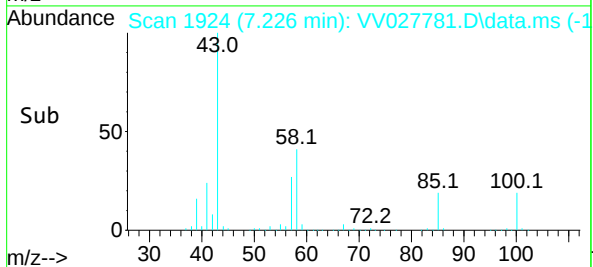
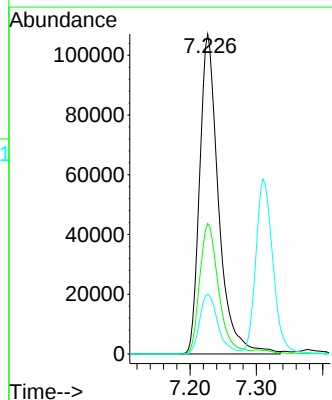
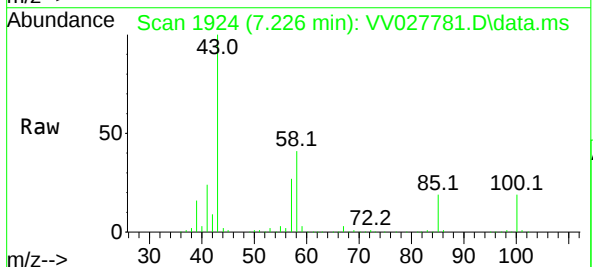
Tgt Ion: 43 Resp: 211975

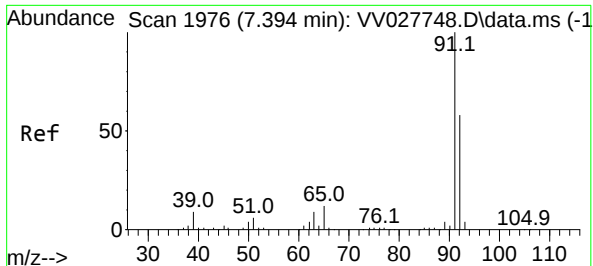
Ion Ratio Lower Upper

43 100

58 40.8 30.9 46.3

100 18.1 13.4 20.0





#42

Toluene

Concen: 5.546 ug/L

RT: 7.384 min Scan# 1976

Delta R.T. -0.010 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

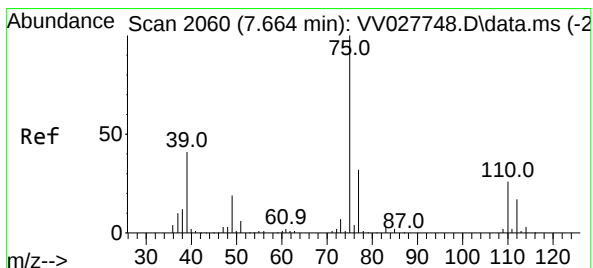
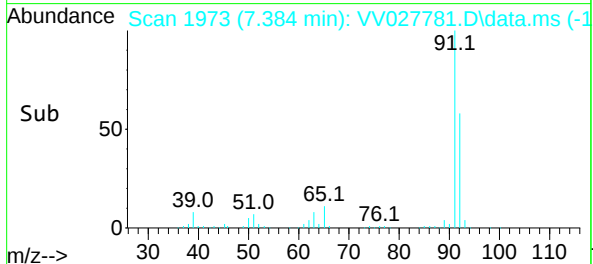
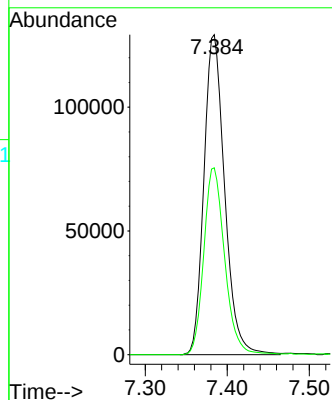
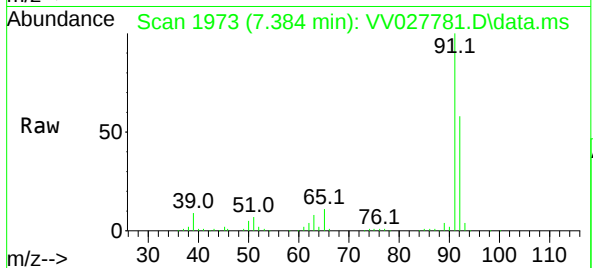
VSTD005287

Tgt Ion: 91 Resp: 226817

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.152 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.013 min

Lab File: VV027781.D

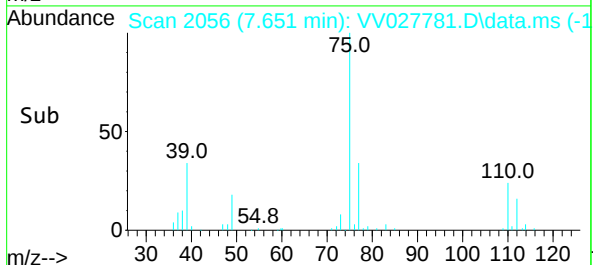
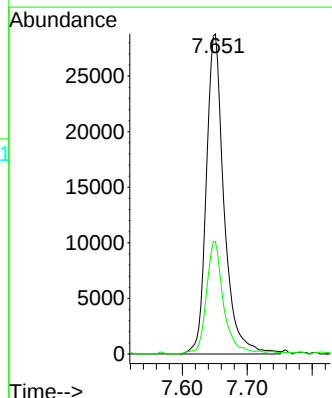
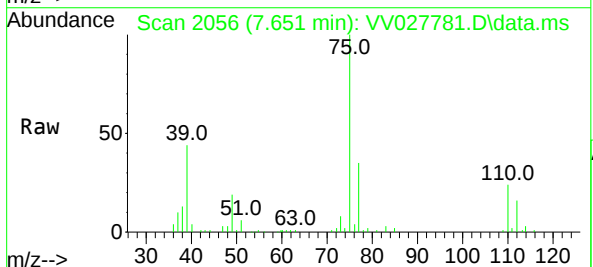
Acq: 07 Sep 2022 15:25

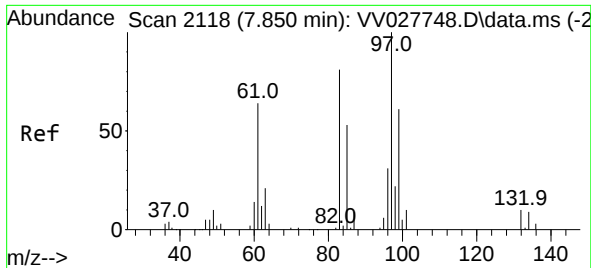
Tgt Ion: 75 Resp: 54698

Ion Ratio Lower Upper

75 100

77 35.1 22.6 42.0

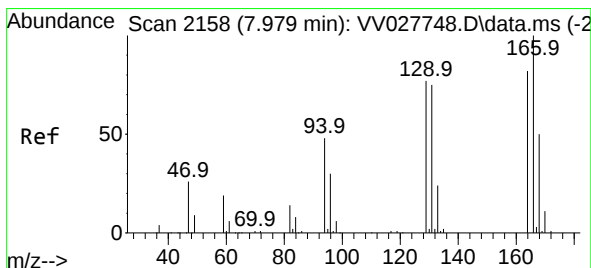
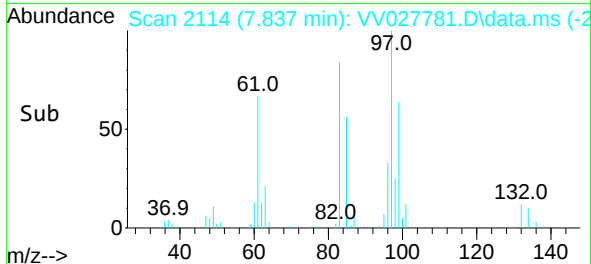
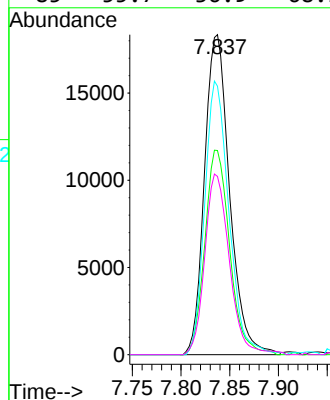
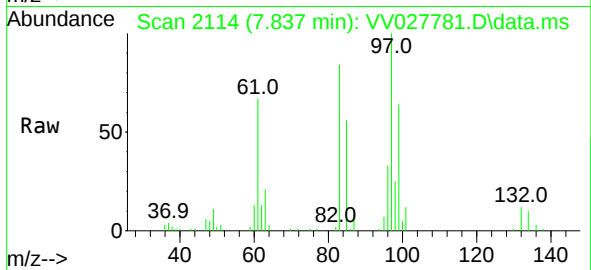




#45
1,1,2-Trichloroethane
Concen: 5.080 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.013 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

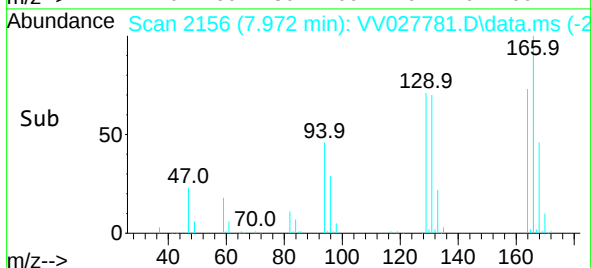
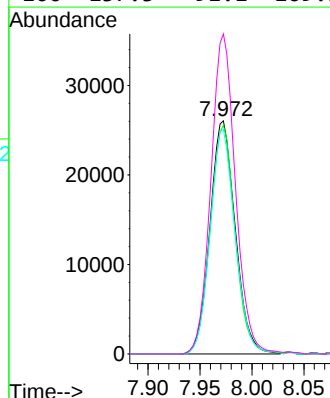
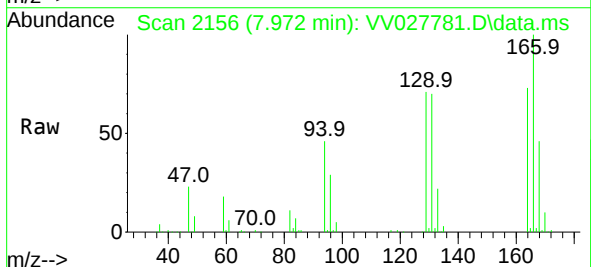
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

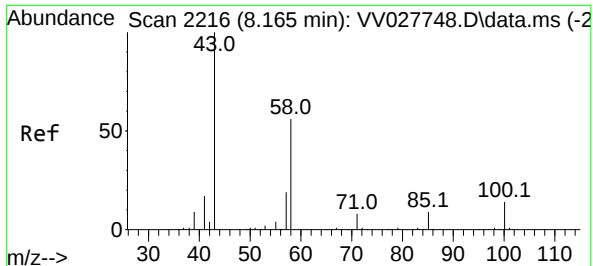
Tgt Ion:	97	Resp:	32978
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.2	82.0
83	83.9	60.3	112.1
85	55.7	36.9	68.5



#47
Tetrachloroethene
Concen: 5.197 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion:	164	Resp:	44068
Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.2	124.8
131	96.3	61.5	114.3
166	137.3	91.1	169.3

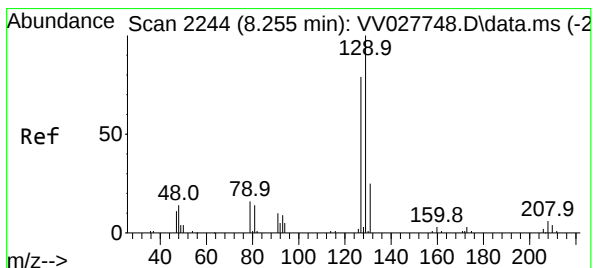
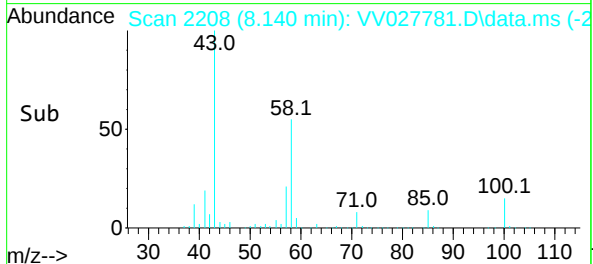
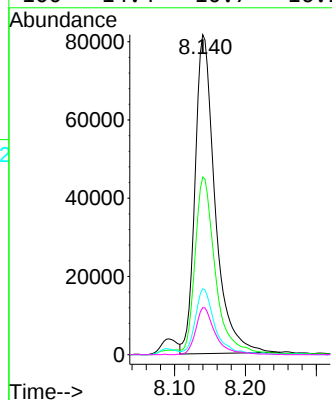
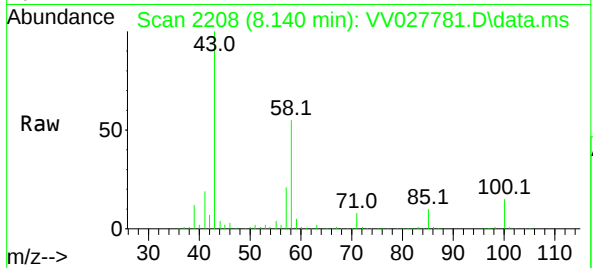




#48
2-Hexanone
Concen: 48.525 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.026 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

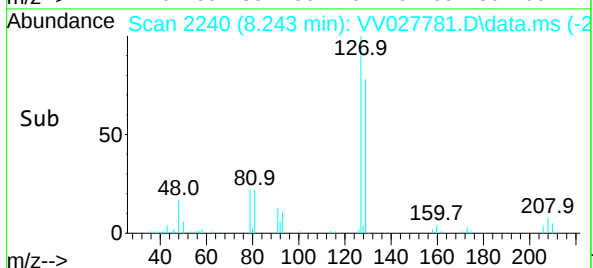
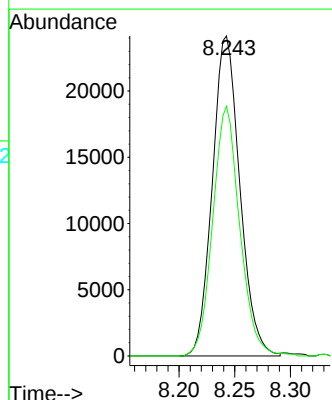
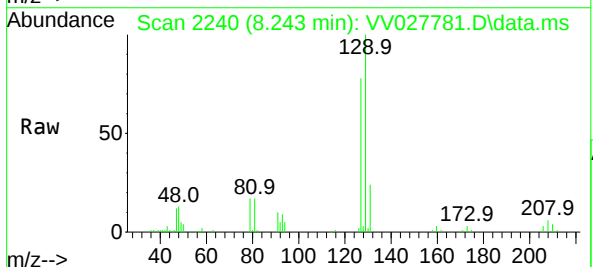
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

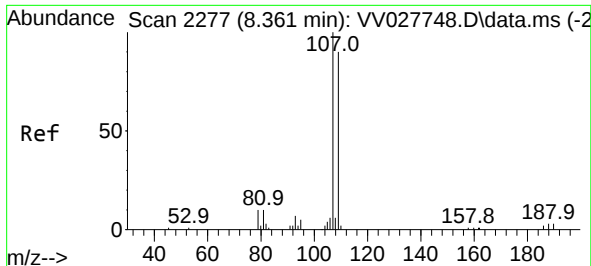
Tgt Ion: 43 Resp: 160197
Ion Ratio Lower Upper
43 100
58 55.9 43.2 64.8
57 19.7 15.6 23.4
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 5.032 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.013 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 129 Resp: 41466
Ion Ratio Lower Upper
129 100
127 78.0 55.2 102.6





#50

1,2-Dibromoethane

Concen: 4.934 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.013 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

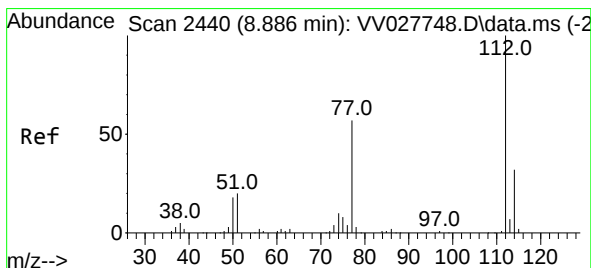
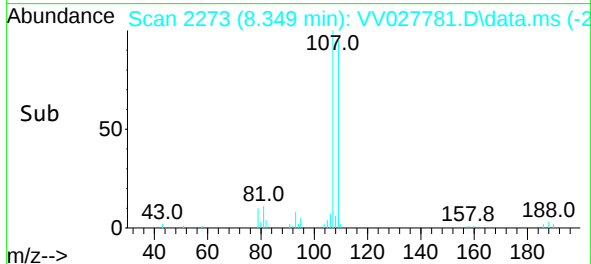
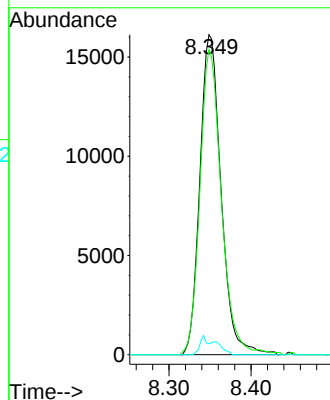
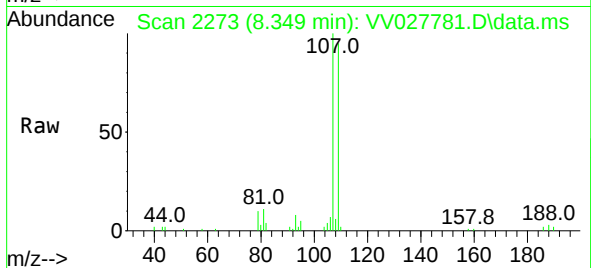
Instrument :

MSVOA_V

ClientSampleId :

VSTD005287

Tgt Ion:107	Resp:	28962
Ion	Ratio	Lower Upper
107	100	
109	95.3	65.9 122.5
188	3.4	3.1 4.7



#51

Chlorobenzene

Concen: 5.319 ug/L

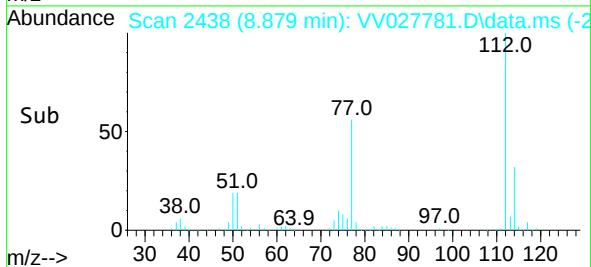
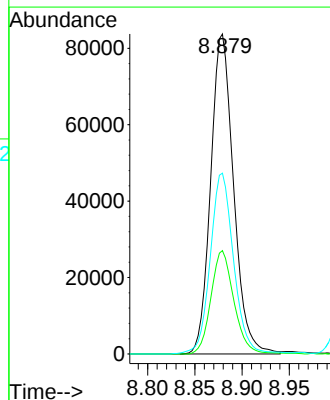
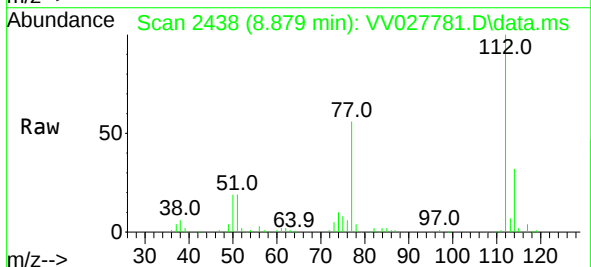
RT: 8.879 min Scan# 2438

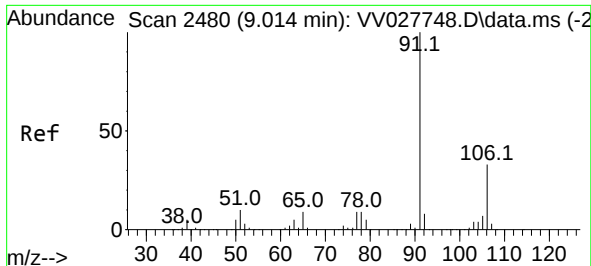
Delta R.T. -0.006 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Tgt Ion:112	Resp:	141167
Ion	Ratio	Lower Upper
112	100	
114	32.3	21.7 40.3
77	56.5	45.3 67.9





#52

Ethylbenzene

Concen: 5.417 ug/L

RT: 9.008 min Scan# 24

Delta R.T. -0.006 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

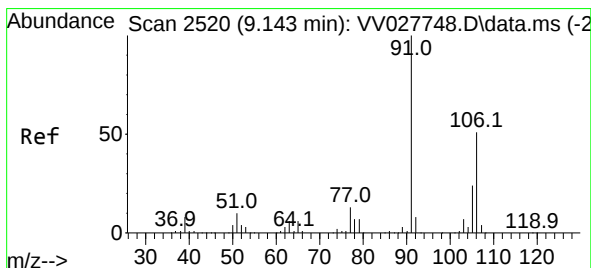
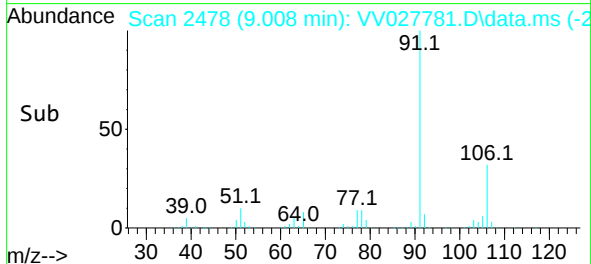
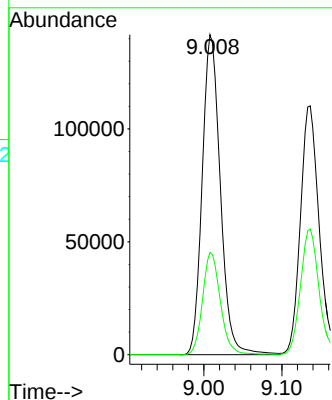
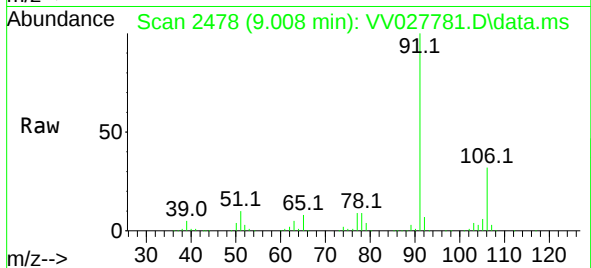
VSTD005287

Tgt Ion: 91 Resp: 229730

Ion Ratio Lower Upper

91 100

106 31.9 22.0 40.8



#53

m,p-Xylene

Concen: 5.617 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.006 min

Lab File: VV027781.D

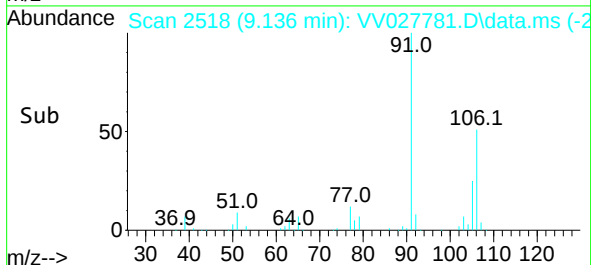
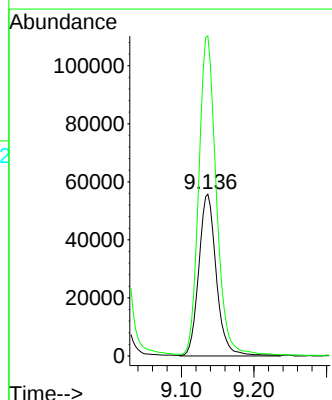
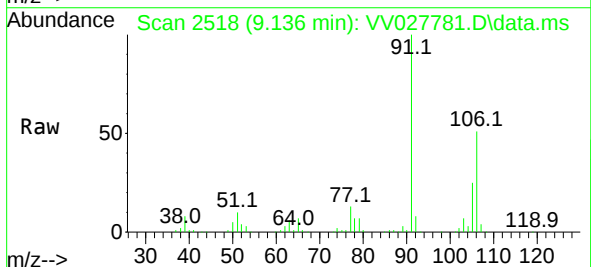
Acq: 07 Sep 2022 15:25

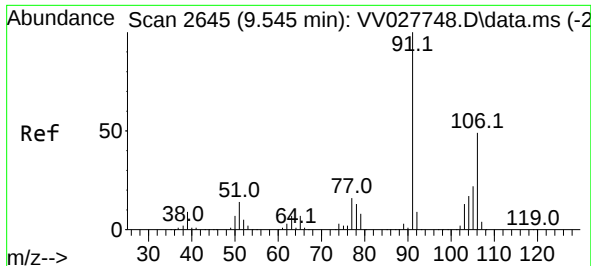
Tgt Ion: 106 Resp: 93713

Ion Ratio Lower Upper

106 100

91 197.9 142.4 264.4

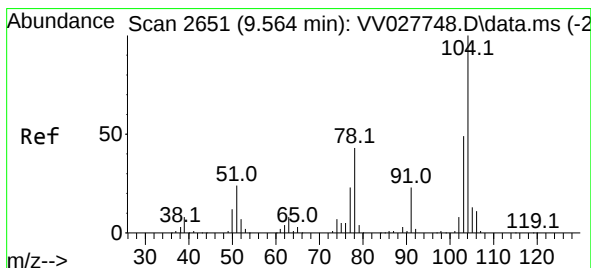
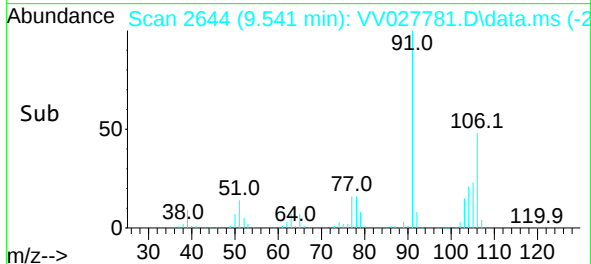
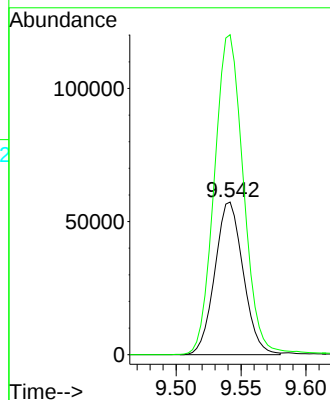
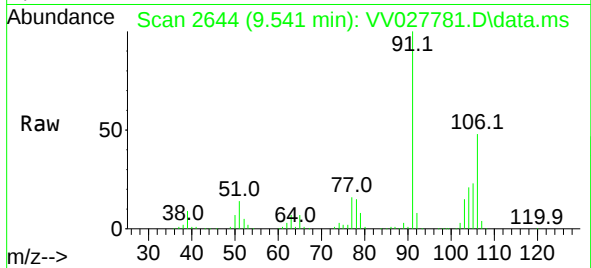




#54
o-Xylene
Concen: 5.472 ug/L
RT: 9.541 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

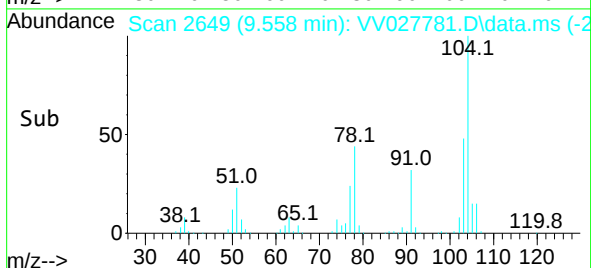
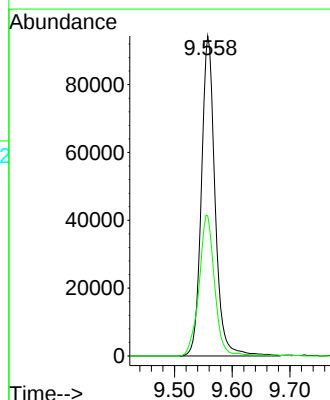
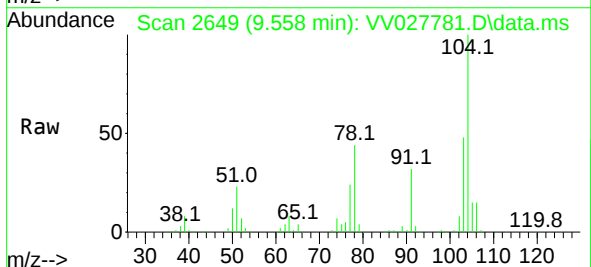
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

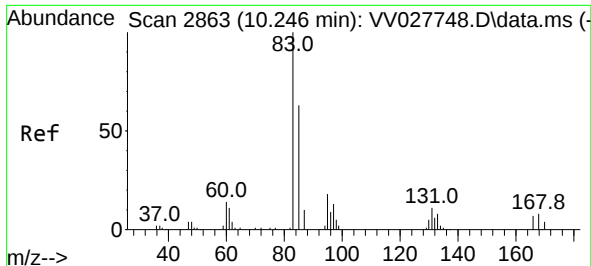
Tgt Ion:106 Resp: 87021
Ion Ratio Lower Upper
106 100
91 209.6 147.5 273.9



#55
Styrene
Concen: 5.647 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.006 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion:104 Resp: 155294
Ion Ratio Lower Upper
104 100
78 43.8 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.986 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD005287

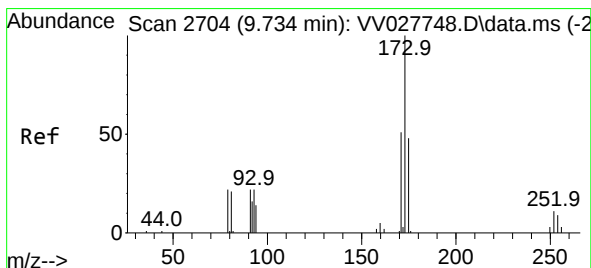
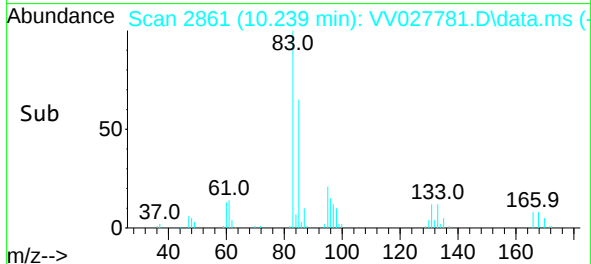
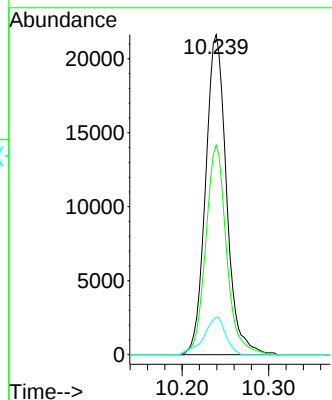
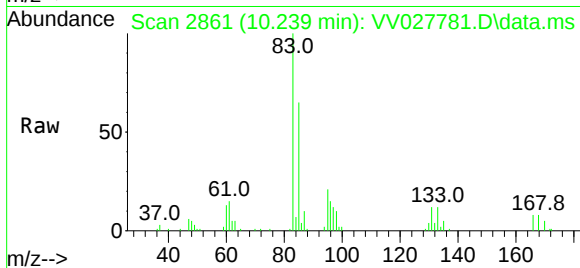
Tgt Ion: 83 Resp: 36272

Ion Ratio Lower Upper

83 100

85 65.4 44.7 83.1

131 11.8 8.5 12.7



#59

Bromoform

Concen: 4.717 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.006 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

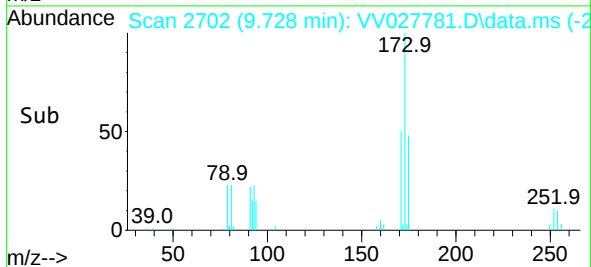
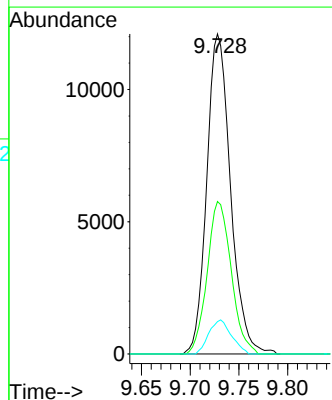
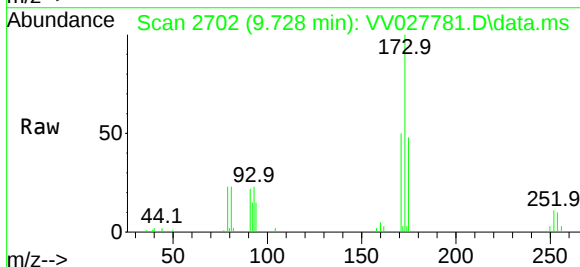
Tgt Ion: 173 Resp: 20560

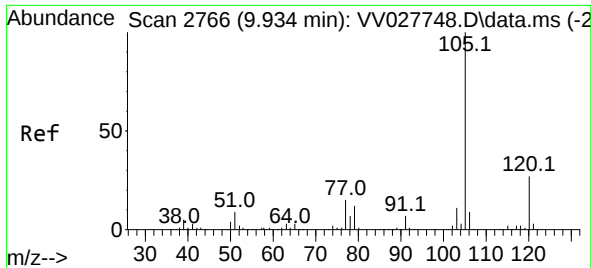
Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 10.1 6.8 10.2

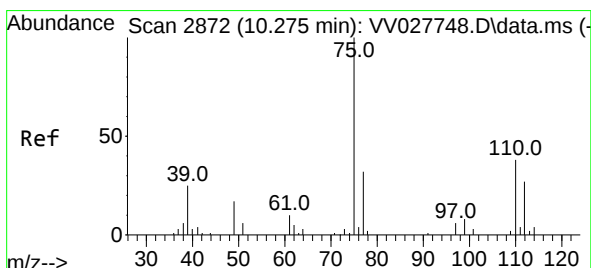
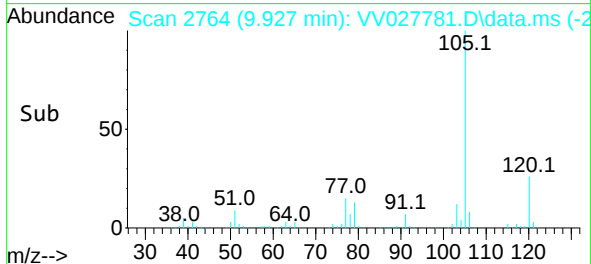
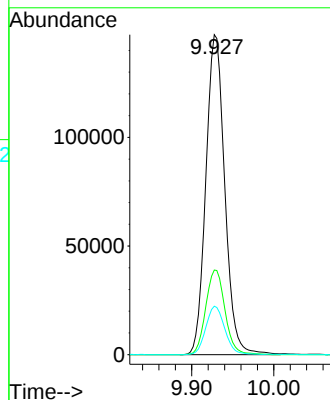
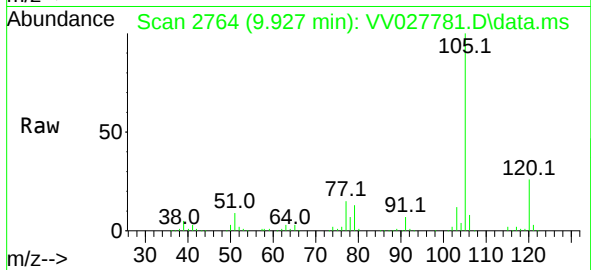




#60
Isopropylbenzene
Concen: 5.231 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

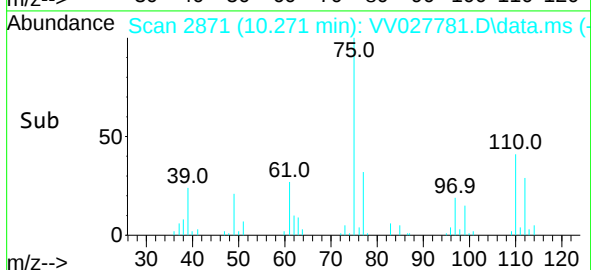
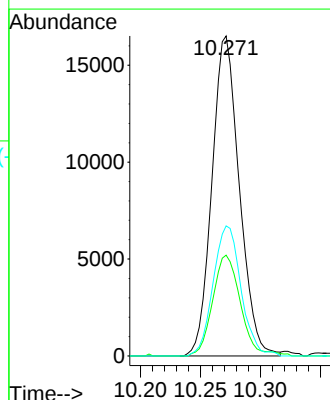
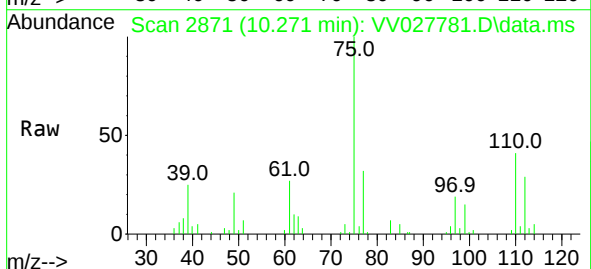
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

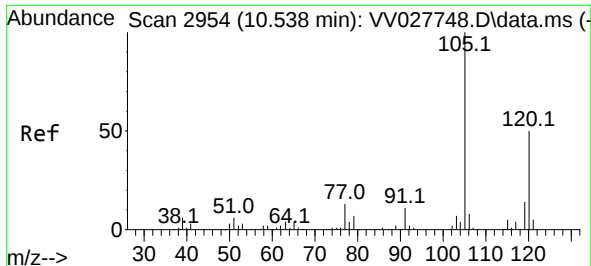
Tgt Ion:105 Resp: 235648
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.593 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 75 Resp: 26191
Ion Ratio Lower Upper
75 100
77 32.0 27.6 41.4
110 41.3 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 5.297 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

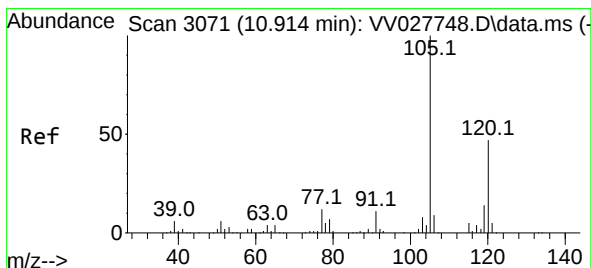
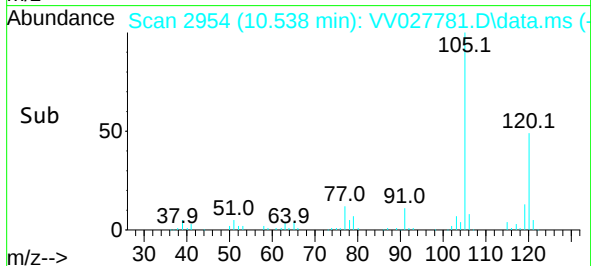
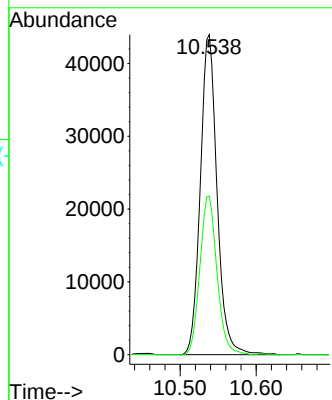
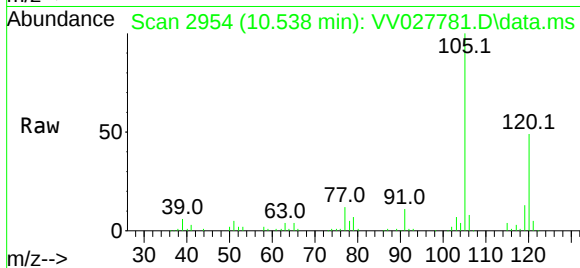
VSTD005287

Tgt Ion:105 Resp: 67197

Ion Ratio Lower Upper

105 100

120 50.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.206 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027781.D

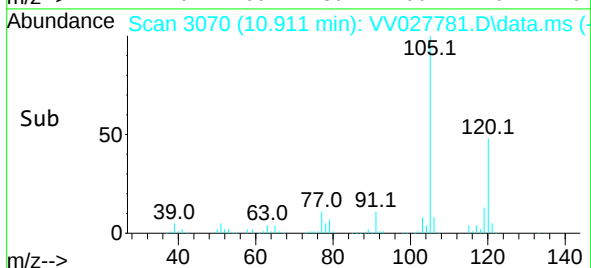
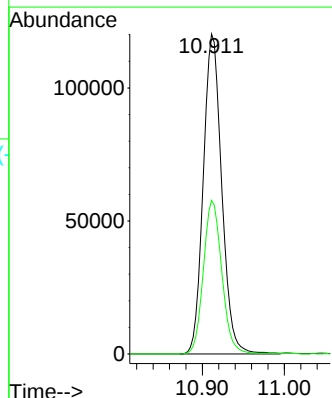
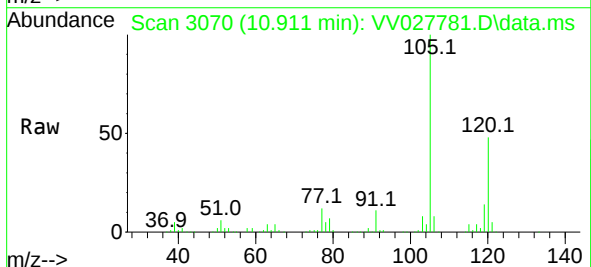
Acq: 07 Sep 2022 15:25

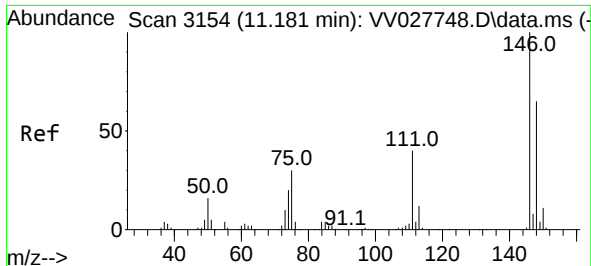
Tgt Ion:105 Resp: 187755

Ion Ratio Lower Upper

105 100

120 47.9 37.4 56.0

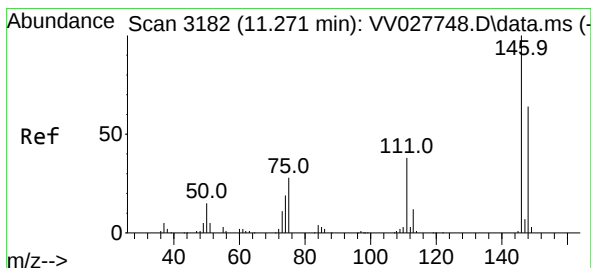
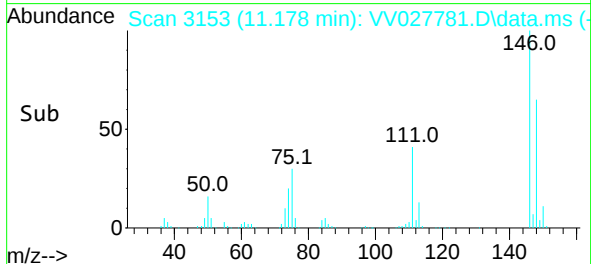
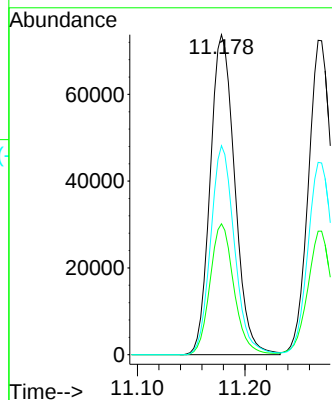
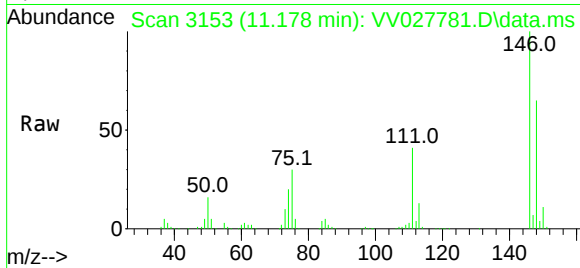




#64
1,3-Dichlorobenzene
Concen: 5.129 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

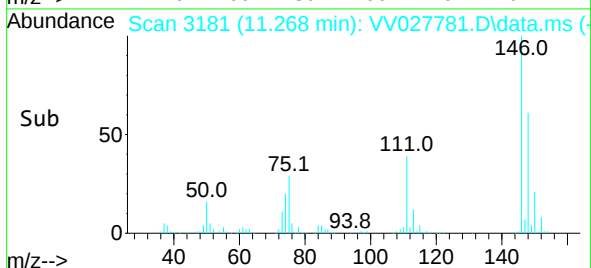
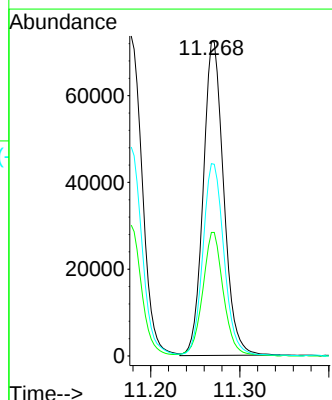
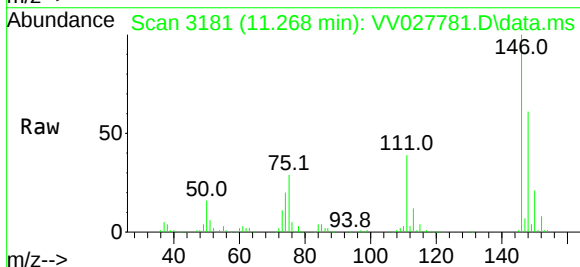
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

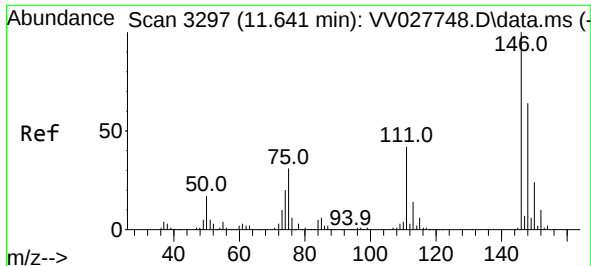
Tgt Ion:146 Resp: 116995
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.9
148 65.3 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 5.031 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion:146 Resp: 115650
Ion Ratio Lower Upper
146 100
111 39.3 26.5 49.3
148 61.2 42.8 79.4

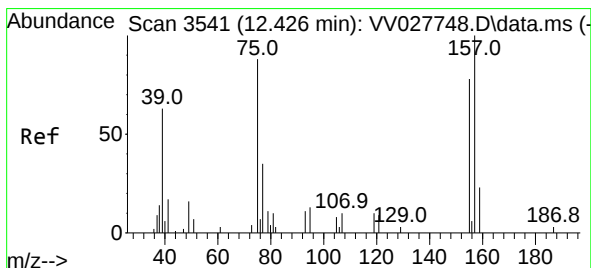
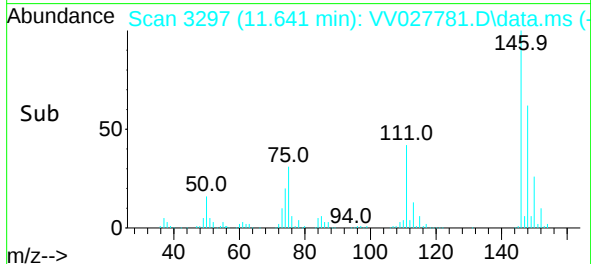
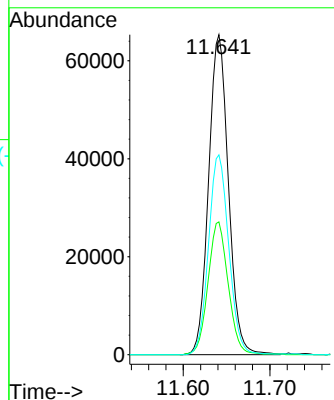
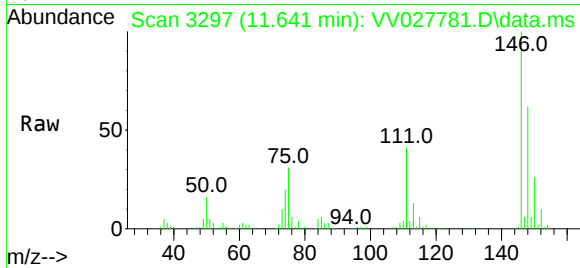




#67
1,2-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

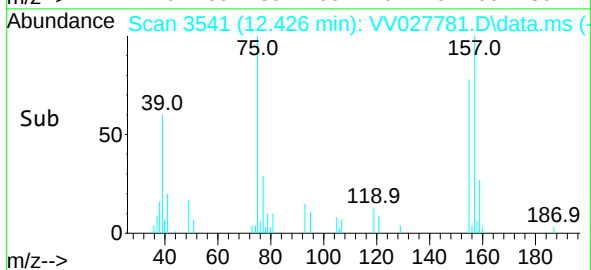
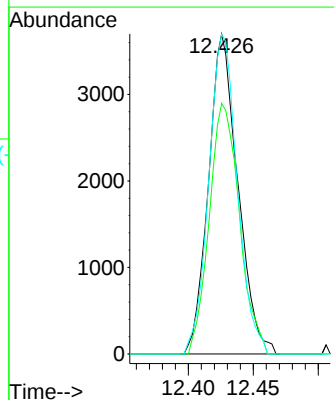
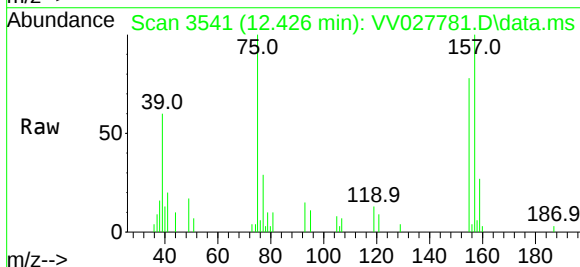
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

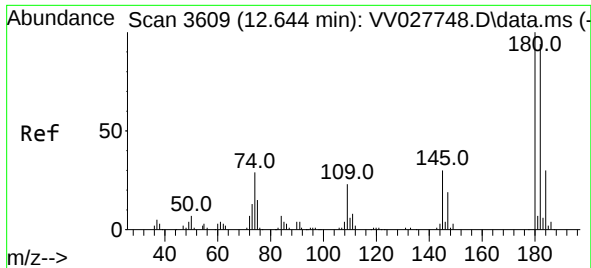
Tgt Ion:146 Resp: 103626
Ion Ratio Lower Upper
146 100
111 41.5 33.1 49.7
148 62.4 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.742 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 75 Resp: 5804
Ion Ratio Lower Upper
75 100
155 78.3 71.9 107.9
157 99.9 95.1 142.7

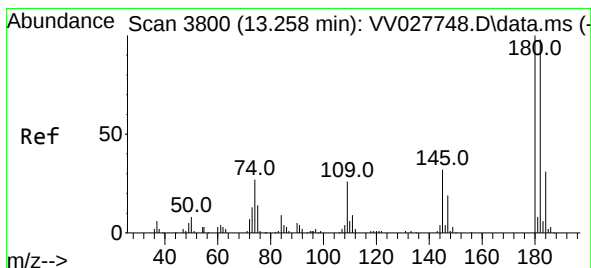
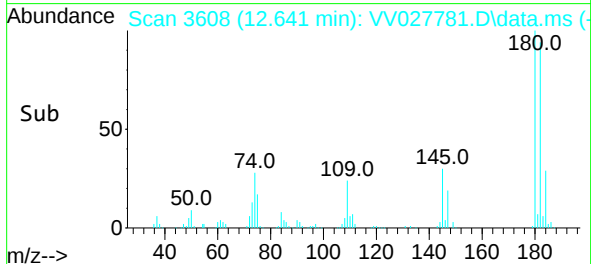
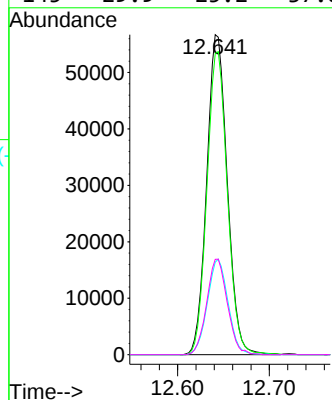
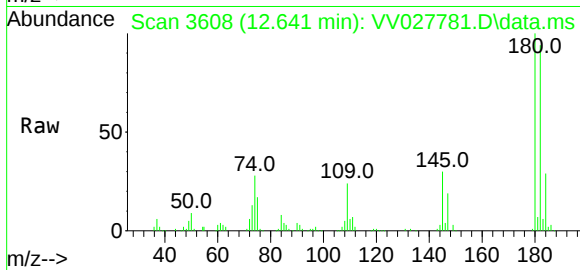




#69
1,3,5-Trichlorobenzene
Concen: 5.122 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

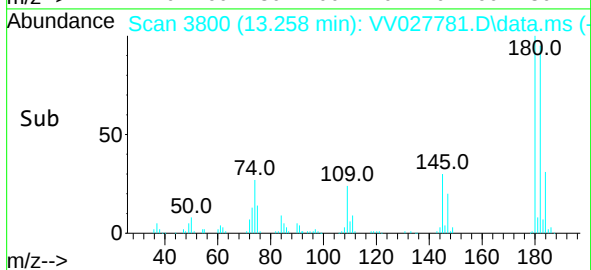
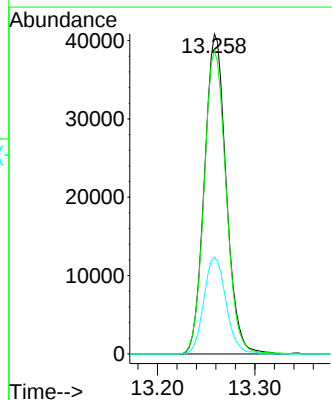
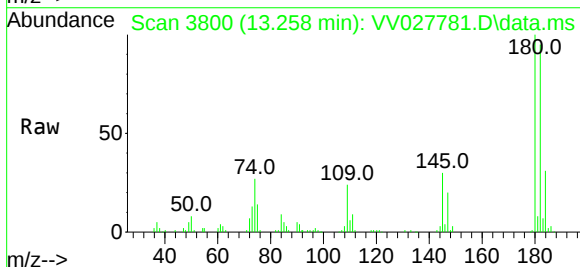
Instrument :
MSVOA_V
ClientSampleId :
VSTD005287

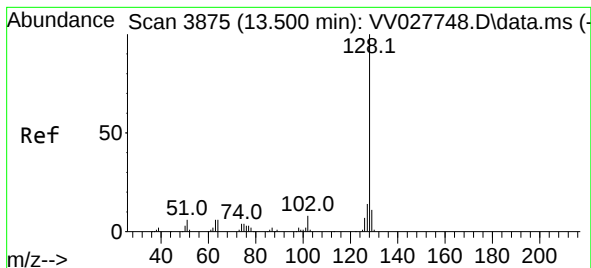
Tgt Ion:180	Resp:	88512
Ion Ratio	Lower	Upper
180	100	
182	93.9	75.8 113.8
184	29.9	23.8 35.6
145	29.9	25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 4.637 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV027781.D
Acq: 07 Sep 2022 15:25

Tgt Ion:180	Resp:	63355
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.6 114.8
145	30.8	24.6 37.0





#71

Naphthalene

Concen: 3.658 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

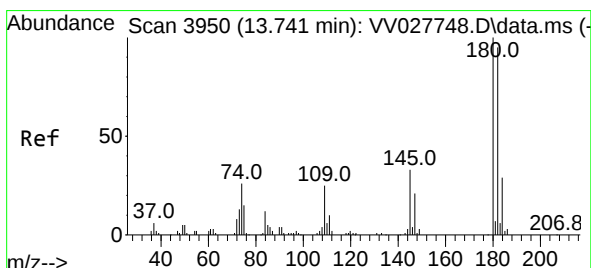
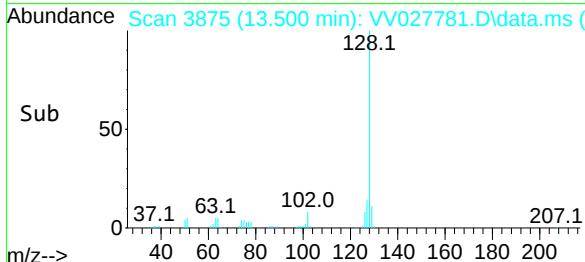
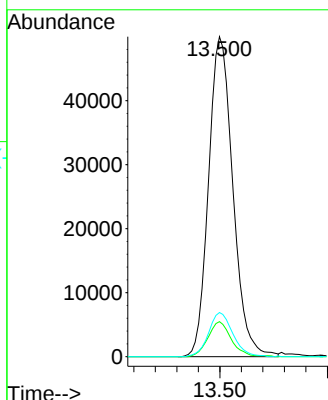
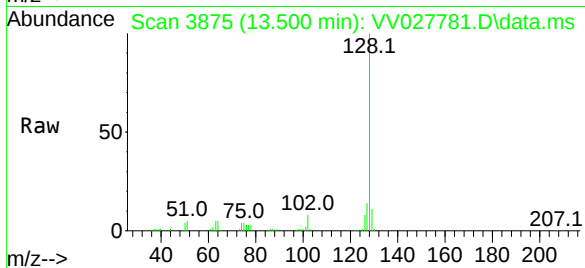
Instrument :

MSVOA_V

ClientSampleId :

VSTD005287

Tgt Ion:	128	Resp:	78516
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.2	13.8
127	13.8	10.6	16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.472 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027781.D

Acq: 07 Sep 2022 15:25

Tgt Ion:	180	Resp:	54436
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.5	114.7
145	32.3	26.5	39.7

