

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026885.D
 Acq On : 22 Jul 2022 13:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 00:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	601988	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	594906	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	339209	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	224982	44.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.561	69	185223	45.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.700%
11) 1,1-Dichloroethene-d2	2.101	63	413732	45.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
21) 2-Butanone-d5	3.880	46	348817	102.497	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	4.343	84	452755	45.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	5.024	65	262263	46.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
32) Benzene-d6	5.043	84	897753	49.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	6.066	67	282000	48.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	7.310	98	813555	51.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.420%
43) trans-1,3-Dichloroprop...	7.619	79	126332	52.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.060%
47) 2-Hexanone-d5	8.085	63	276282	109.492	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.490%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	422363	47.976	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	312380	49.087	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	287646	46.253	ug/L	99
3) Chloromethane	1.237	50	260752	44.836	ug/L	99
5) Vinyl chloride	1.304	62	285018	46.103	ug/L	99
6) Bromomethane	1.516	94	170770	45.715	ug/L	100
8) Chloroethane	1.577	64	167090	45.996	ug/L	100
9) Trichlorofluoromethane	1.745	101	386941	45.415	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	230898	46.337	ug/L	99
12) 1,1-Dichloroethene	2.111	96	211234	45.383	ug/L	100
13) Acetone	2.169	43	238772	99.923	ug/L	99
14) Carbon disulfide	2.288	76	613504	46.197	ug/L	99
15) Methyl Acetate	2.426	43	250047	47.442	ug/L	100
16) Methylene chloride	2.500	84	265538	44.755	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	232898	47.355	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	687655	50.332	ug/L	100
19) 1,1-Dichloroethane	3.182	63	427346	47.180	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	256352	49.458	ug/L	99
22) 2-Butanone	3.960	43	350884	107.664	ug/L	100
23) Bromochloromethane	4.240	128	137720	46.402	ug/L	99
25) Chloroform	4.368	83	448756	46.452	ug/L	100

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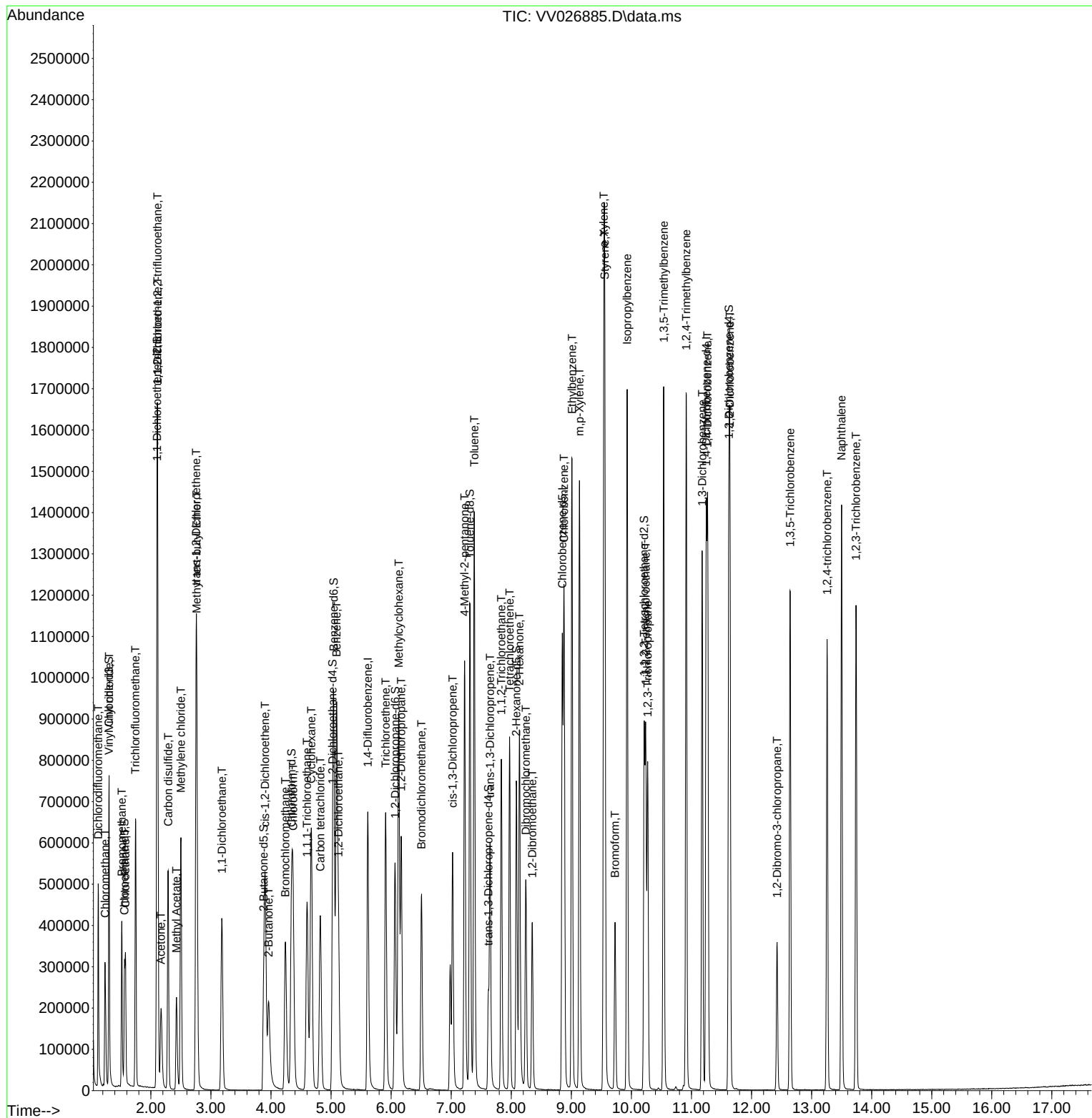
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	314119	46.079	ug/L	100
29) Cyclohexane	4.670	56	339009	54.494	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	381978	48.597	ug/L	100
31) Carbon tetrachloride	4.822	117	331079	48.108	ug/L	100
33) Benzene	5.092	78	980679	51.259	ug/L	100
34) Trichloroethene	5.908	95	244811	49.796	ug/L	99
35) Methylcyclohexane	6.127	83	395872	54.384	ug/L	99
37) 1,2-Dichloropropane	6.169	63	254477	51.107	ug/L	99
38) Bromodichloromethane	6.506	83	327307	48.496	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	369680	53.495	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	649666	109.636	ug/L	99
42) Toluene	7.384	91	1033747	52.937	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	353518	51.875	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	260607	49.146	ug/L	99
46) Tetrachloroethene	7.973	164	192662	50.237	ug/L	98
48) 2-Hexanone	8.137	43	509430	110.460	ug/L	97
49) Dibromochloromethane	8.243	129	268801	48.500	ug/L	99
50) 1,2-Dibromoethane	8.349	107	267650	49.335	ug/L	99
51) Chlorobenzene	8.879	112	672968	49.441	ug/L	99
52) Ethylbenzene	9.011	91	1074773	53.023	ug/L	100
53) m,p-Xylene	9.137	106	429291	54.089	ug/L	98
54) o-Xylene	9.542	106	414469	54.222	ug/L	99
55) Styrene	9.558	104	747380	55.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	420749	49.155	ug/L	100
59) Bromoform	9.728	173	181510	47.895	ug/L	99
60) Isopropylbenzene	9.931	105	1079204	53.836	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	328374	48.243	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	896791	55.045	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	905646	55.420	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	526406	51.396	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	546627	50.368	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	531347	50.565	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	89023	48.954	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	369934	51.020	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	321539	52.632	ug/L	99
71) Naphthalene	13.500	128	1079142	56.172	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	342246	53.705	ug/L	99

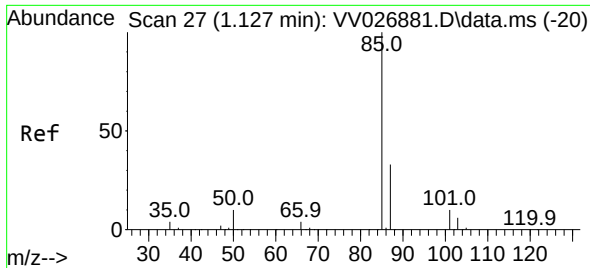
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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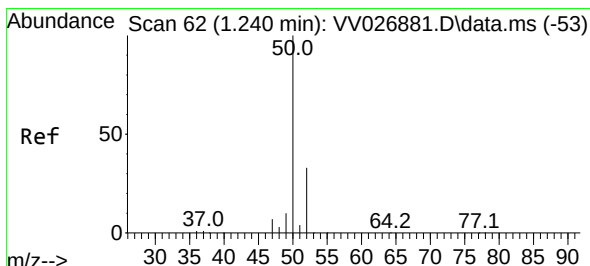
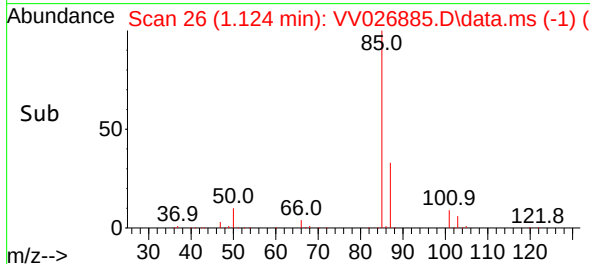
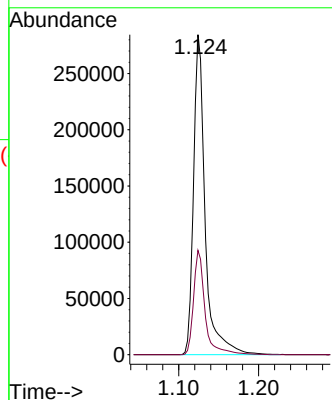
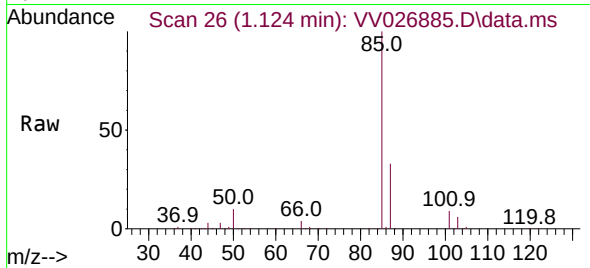




#2
Dichlorodifluoromethane
Concen: 46.253 ug/L
RT: 1.124 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

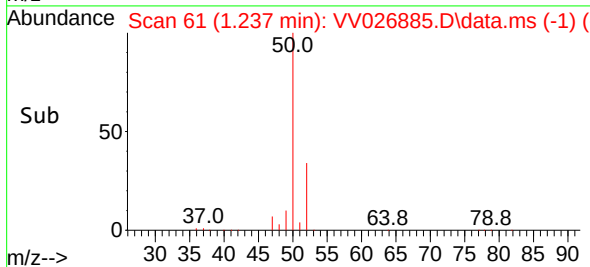
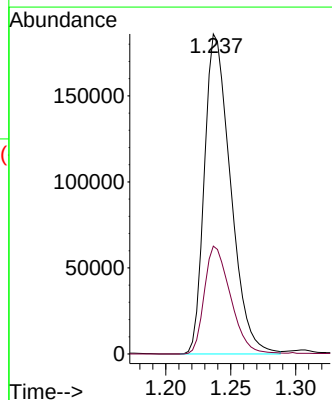
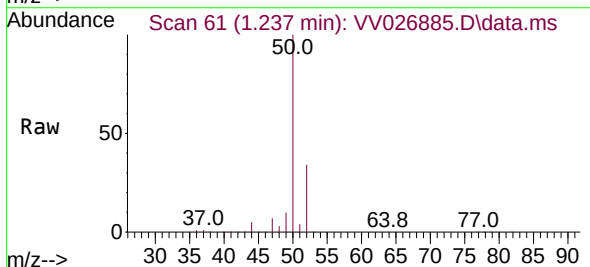
Instrument :
MSVOA_V
ClientSampleId :

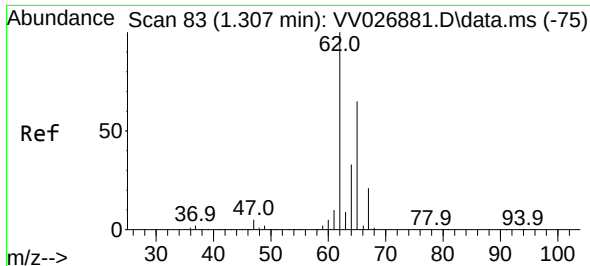
Tgt Ion: 85 Resp: 287646
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1



#3
Chloromethane
Concen: 44.836 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion: 50 Resp: 260752
Ion Ratio Lower Upper
50 100
52 33.7 23.1 42.9

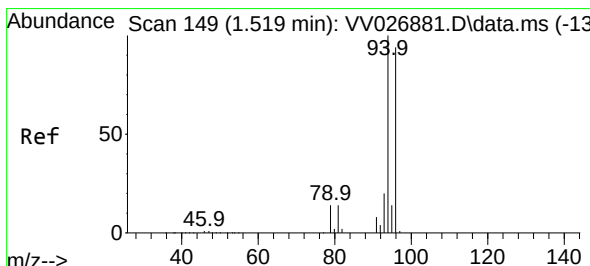
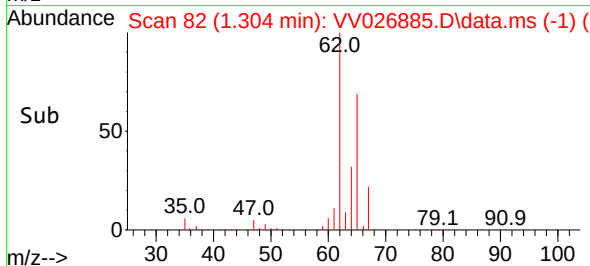
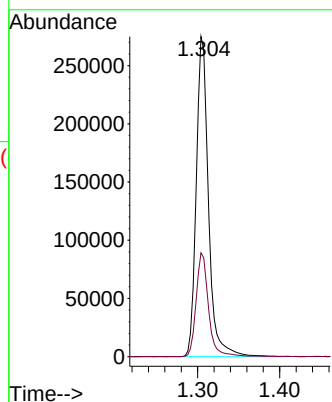
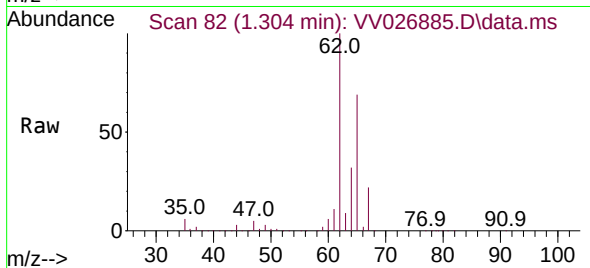




#5
 Vinyl chloride
 Concen: 46.103 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026885.D
 Acq: 22 Jul 2022 13:47

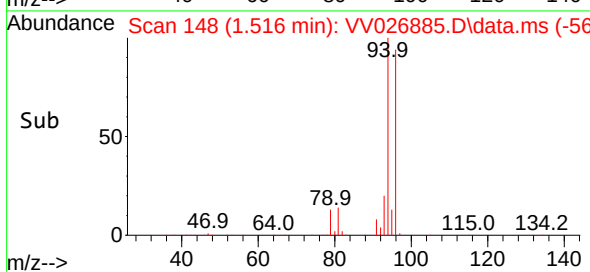
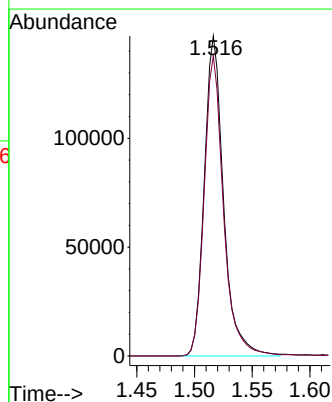
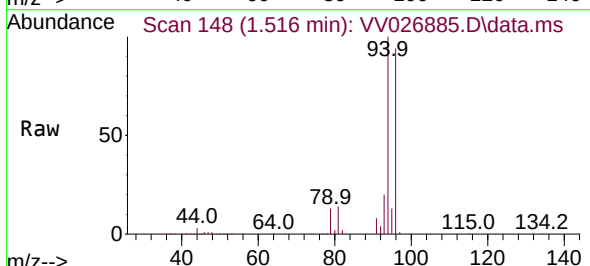
Instrument :
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 ClientSampleId :

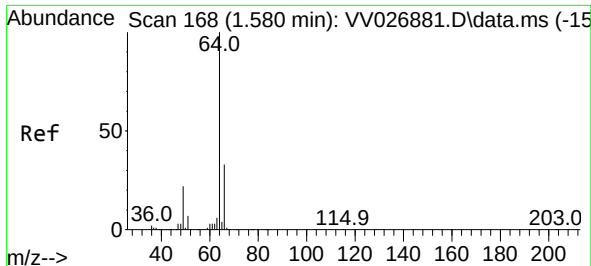
Tgt Ion: 62 Resp: 285018
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.6



#6
 Bromomethane
 Concen: 45.715 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV026885.D
 Acq: 22 Jul 2022 13:47

Tgt Ion: 94 Resp: 170770
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.8 122.2

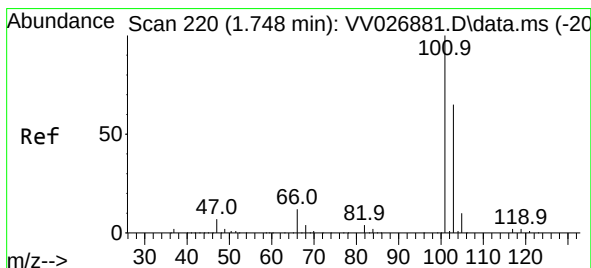
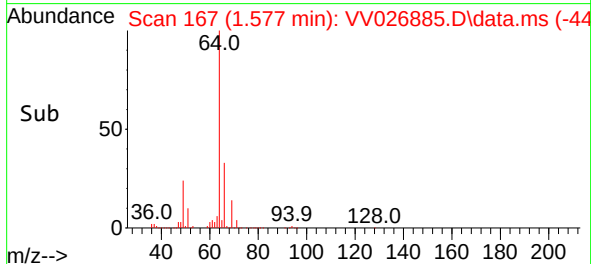
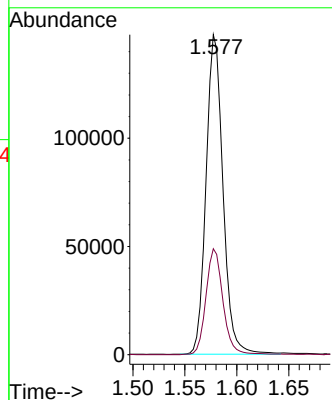
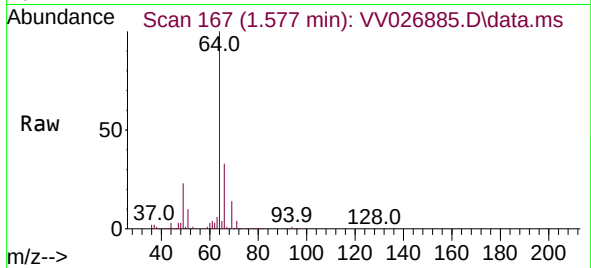




#8
Chloroethane
Concen: 45.996 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

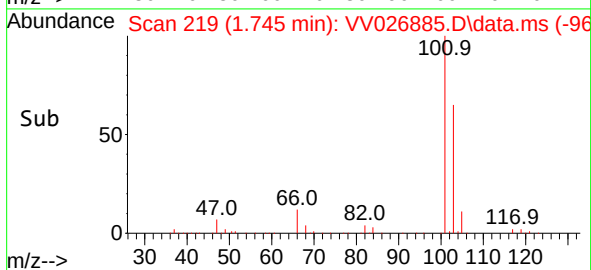
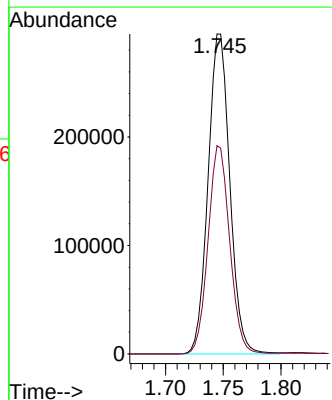
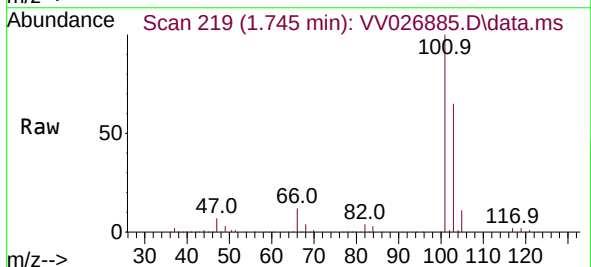
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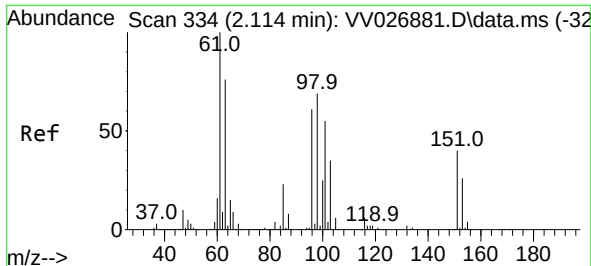
Tgt Ion: 64 Resp: 167090
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 45.415 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion:101 Resp: 386941
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

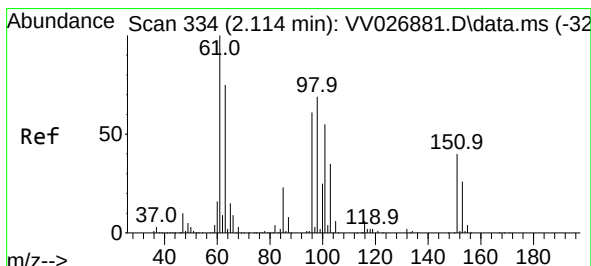
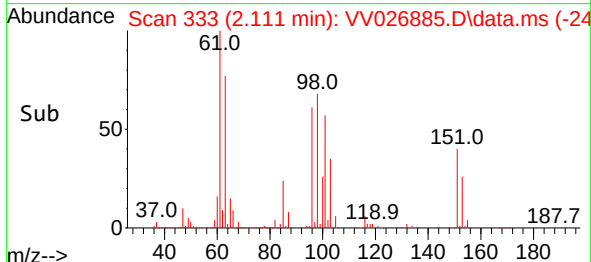
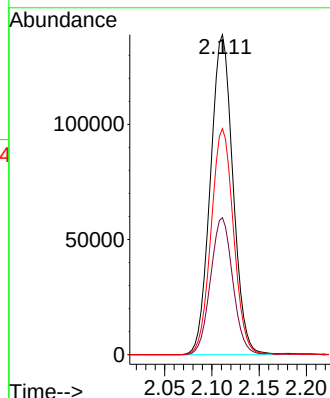
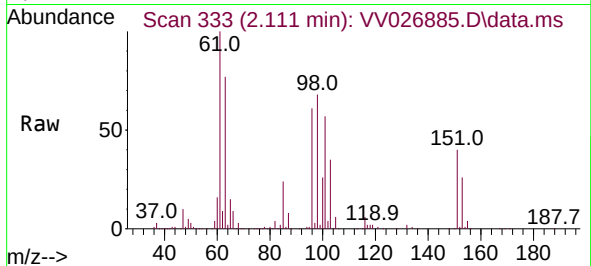




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.337 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV026885.D
 Acq: 22 Jul 2022 13:47

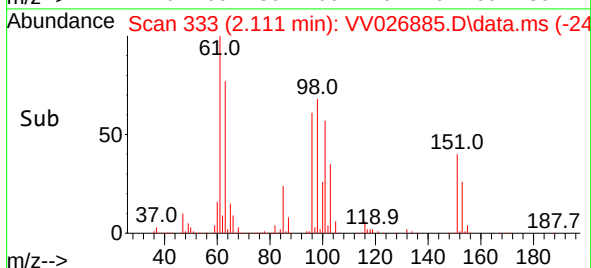
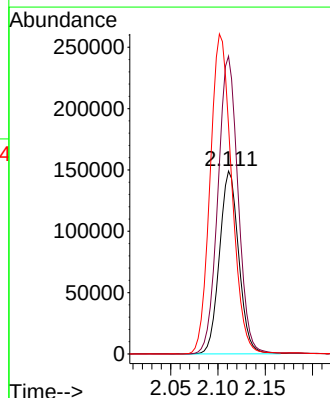
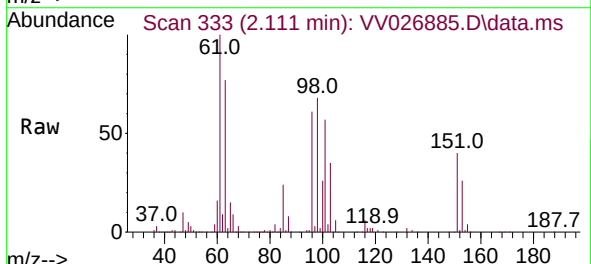
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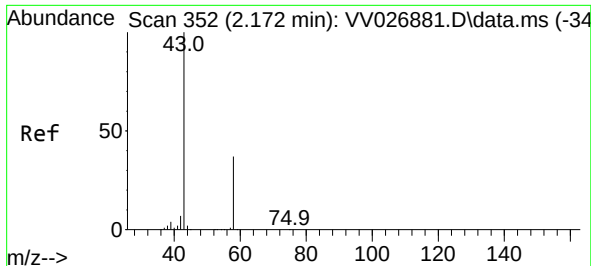
Tgt Ion:101 Resp: 230898
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.1 49.7
 151 70.4 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 45.383 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV026885.D
 Acq: 22 Jul 2022 13:47

Tgt Ion: 96 Resp: 211234
 Ion Ratio Lower Upper
 96 100
 61 162.8 114.2 212.0
 63 125.0 87.0 161.6





#13

Acetone

Concen: 99.923 ug/L

RT: 2.169 min Scan# 351

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

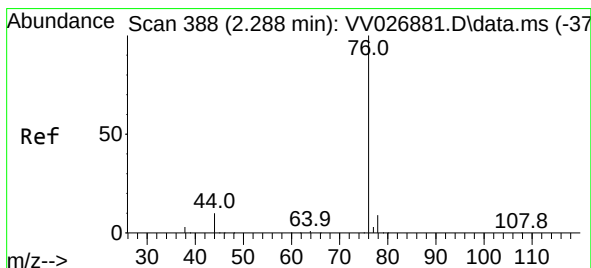
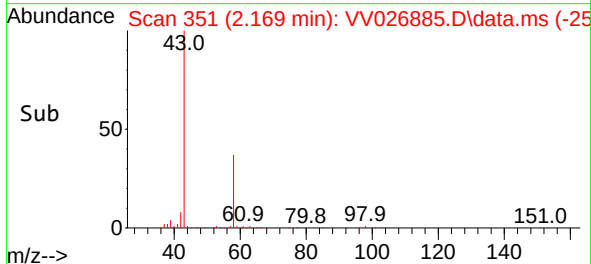
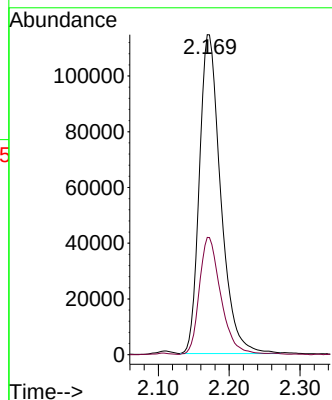
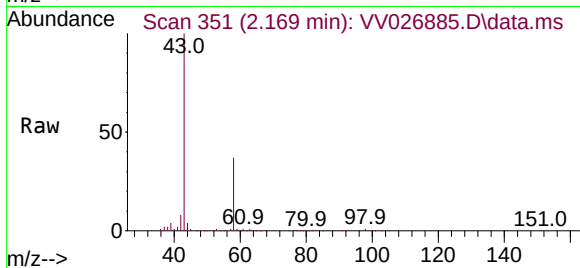
ClientSampleId :

Tgt Ion: 43 Resp: 238772

Ion Ratio Lower Upper

43 100

58 36.8 0.0 72.6



#14

Carbon disulfide

Concen: 46.197 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV026885.D

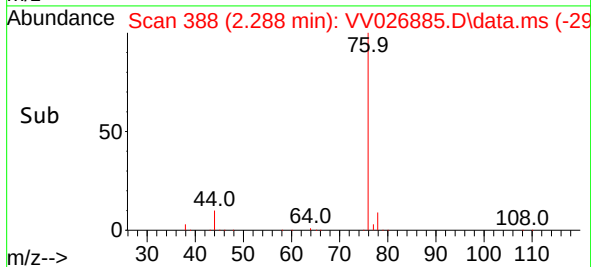
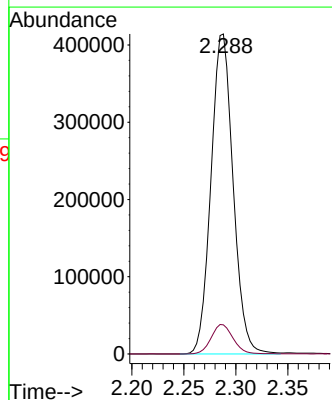
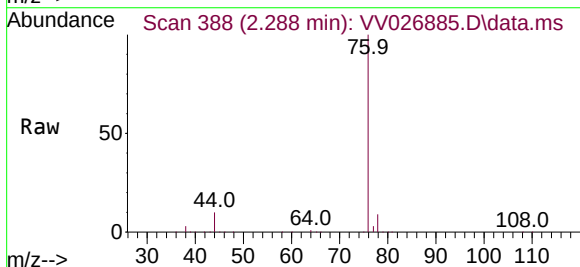
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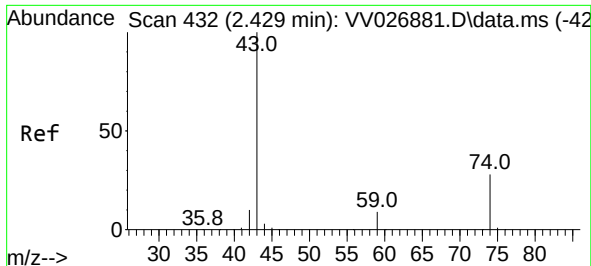
Tgt Ion: 76 Resp: 613504

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

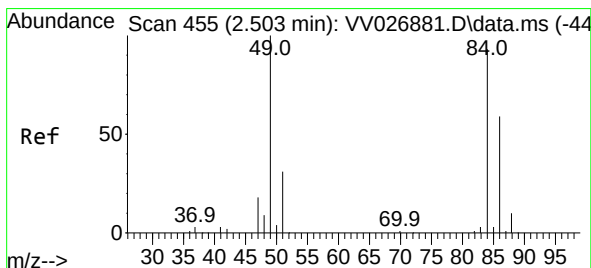
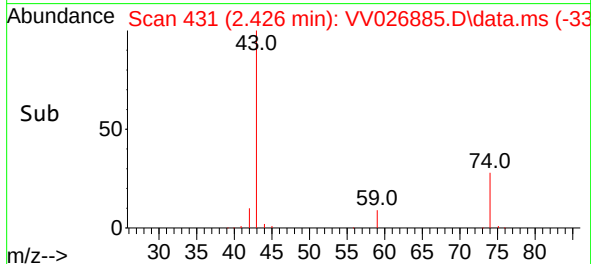
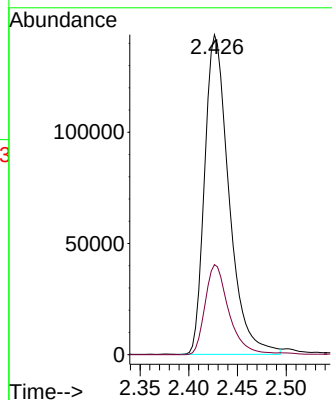
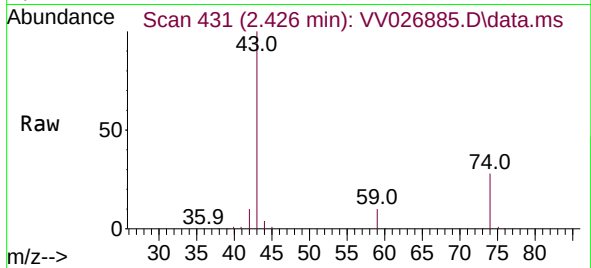




#15
Methyl Acetate
Concen: 47.442 ug/L
RT: 2.426 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

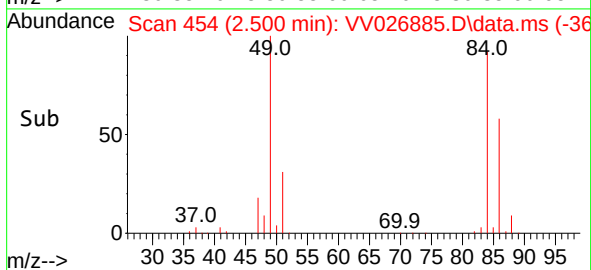
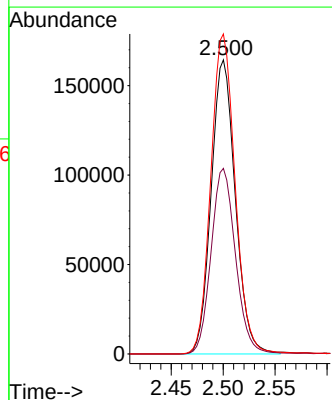
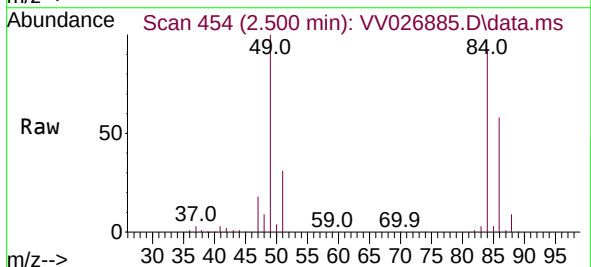
Instrument :
MSVOA_V
ClientSampleId :

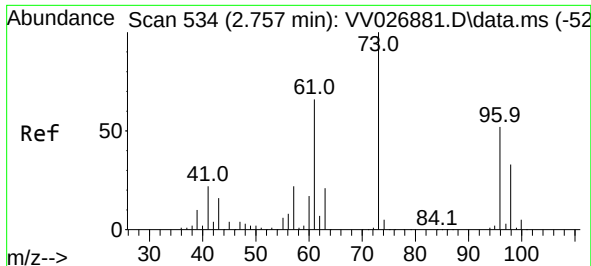
Tgt Ion: 43 Resp: 250047
Ion Ratio Lower Upper
43 100
74 27.4 22.1 33.1



#16
Methylene chloride
Concen: 44.755 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion: 84 Resp: 265538
Ion Ratio Lower Upper
84 100
86 63.1 44.5 82.7
49 108.8 75.0 139.2

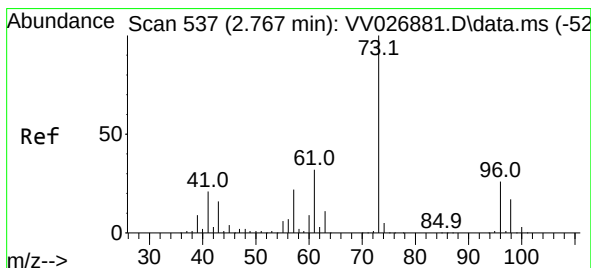
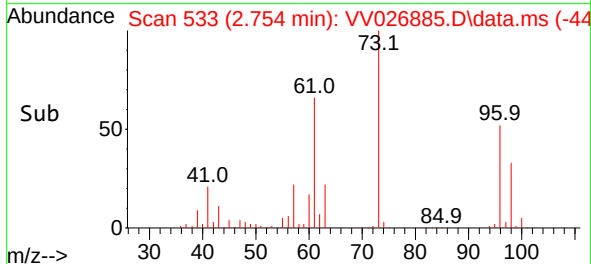
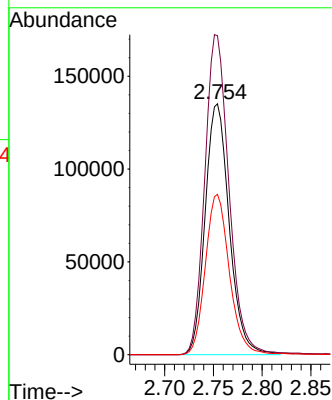
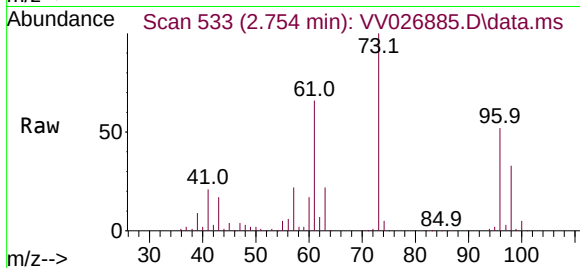




#17
trans-1,2-Dichloroethene
Concen: 47.355 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

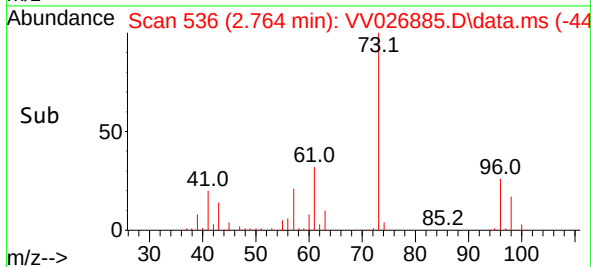
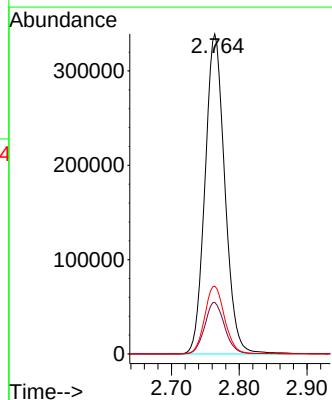
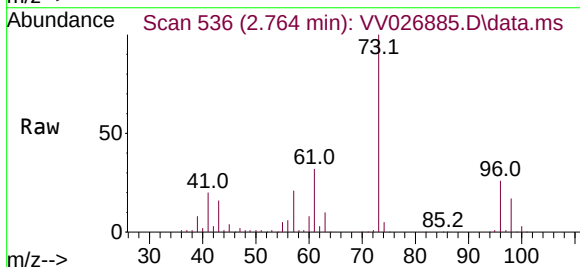
Instrument :
MSVOA_V
ClientSampleId :

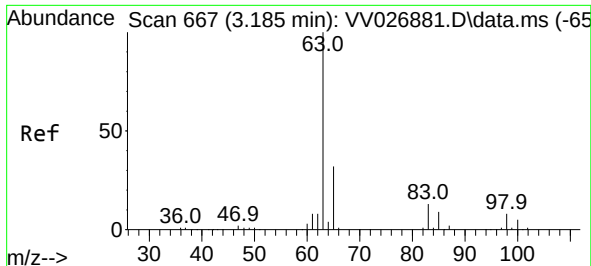
Tgt Ion: 96 Resp: 232898
Ion Ratio Lower Upper
96 100
61 127.2 89.2 165.6
98 63.9 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 50.332 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion: 73 Resp: 687655
Ion Ratio Lower Upper
73 100
43 16.1 12.8 19.2
57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 47.180 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

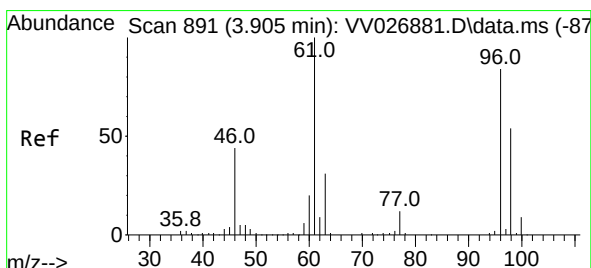
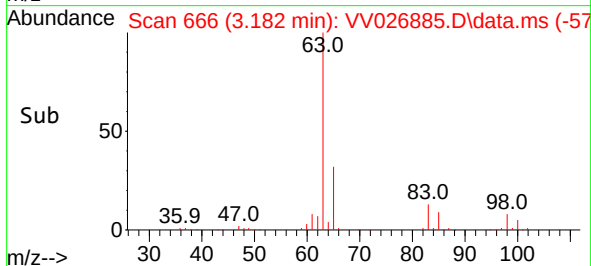
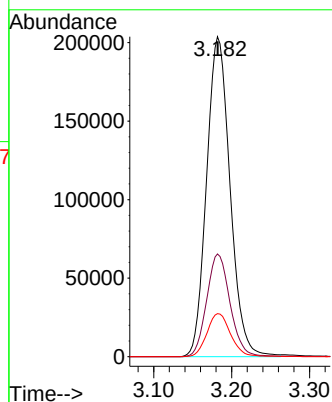
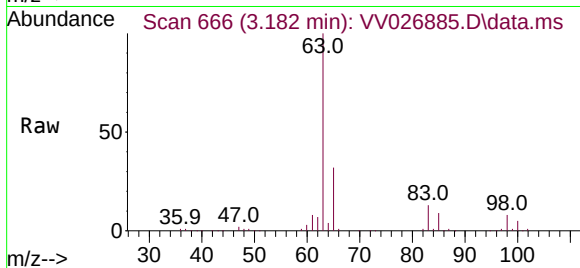
Tgt Ion: 63 Resp: 427346

Ion Ratio Lower Upper

63 100

65 32.1 22.6 42.0

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 49.458 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

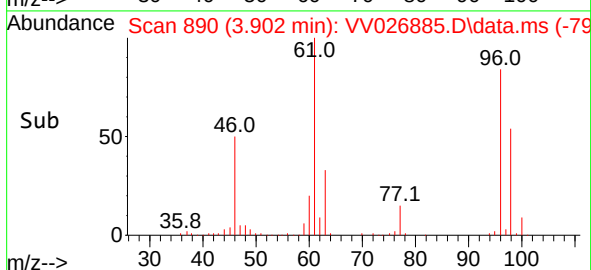
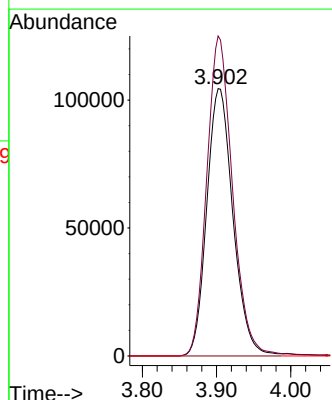
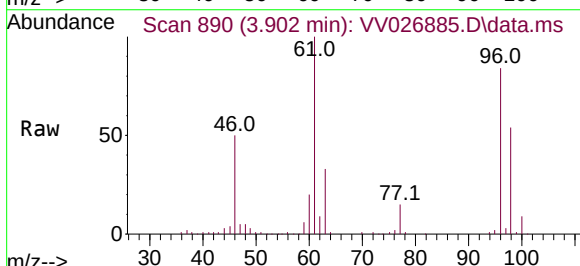
Tgt Ion: 96 Resp: 256352

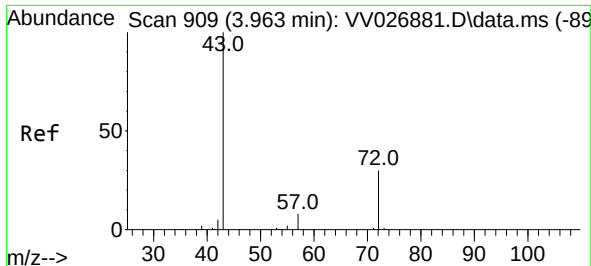
Ion Ratio Lower Upper

96 100

61 119.7 83.0 154.1

68 0.0 0.0 0.0

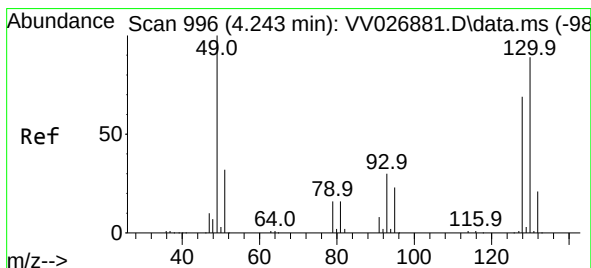
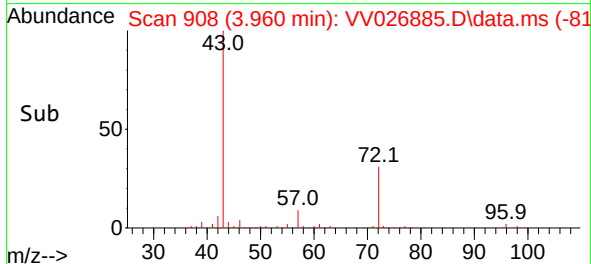
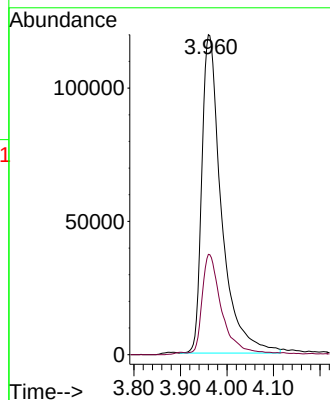
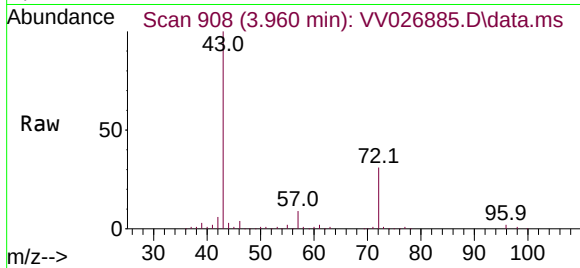




#22
2-Butanone
Concen: 107.664 ug/L
RT: 3.960 min Scan# 909
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

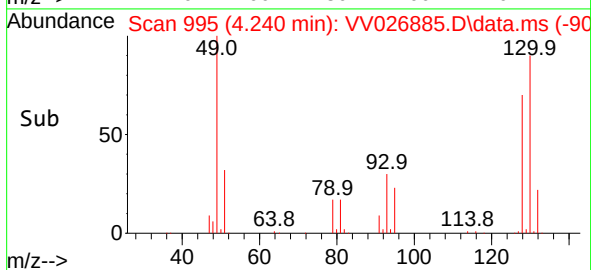
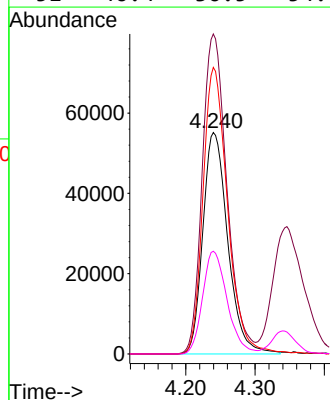
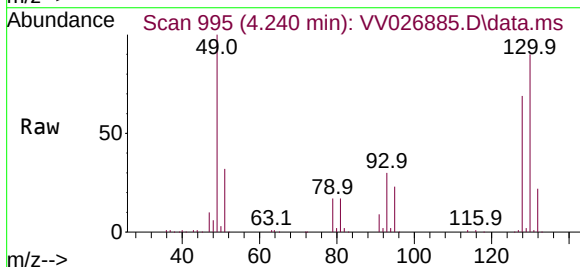
Instrument :
MSVOA_V
ClientSampleId :

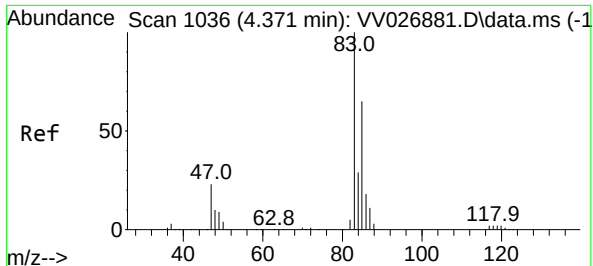
Tgt Ion: 43 Resp: 350884
Ion Ratio Lower Upper
43 100
72 29.9 14.9 44.5



#23
Bromochloromethane
Concen: 46.402 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion:128 Resp: 137720
Ion Ratio Lower Upper
128 100
49 144.6 101.0 187.6
130 129.5 90.0 167.2
51 46.4 36.5 54.7





#25

Chloroform

Concen: 46.452 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

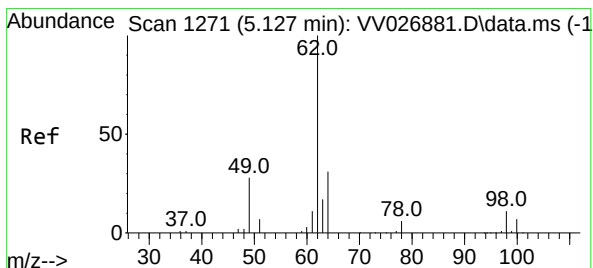
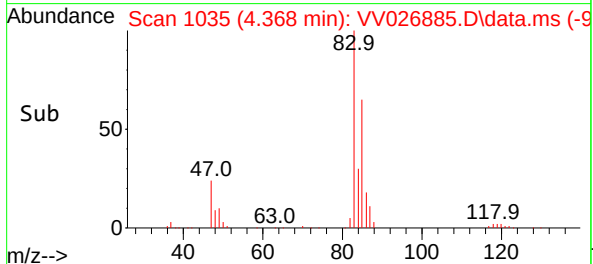
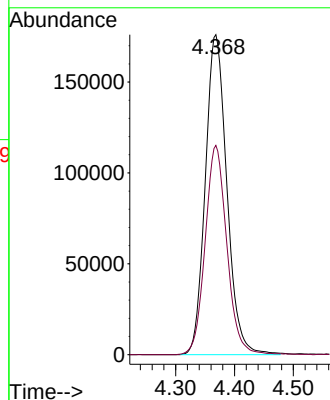
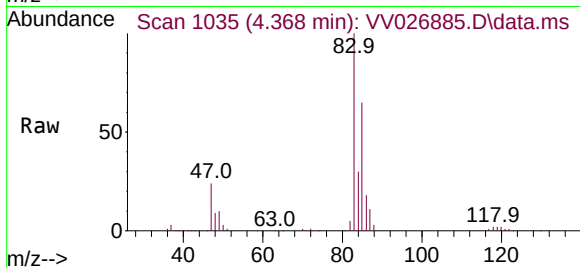
ClientSampleId :

Tgt Ion: 83 Resp: 448756

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0



#27

1,2-Dichloroethane

Concen: 46.079 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV026885.D

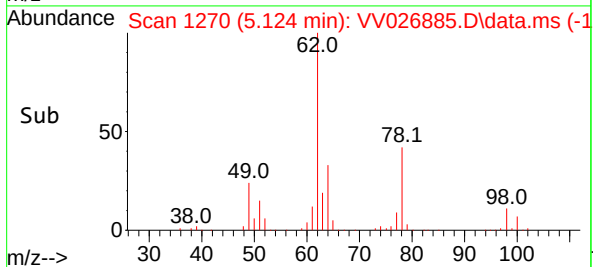
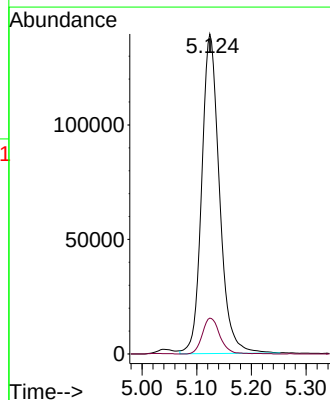
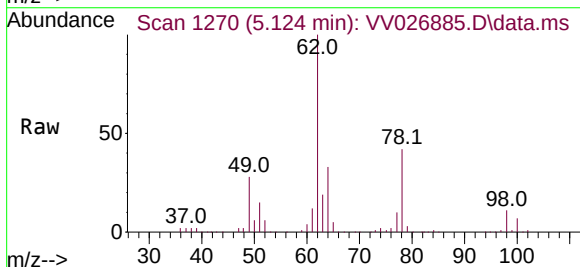
Acq: 22 Jul 2022 13:47

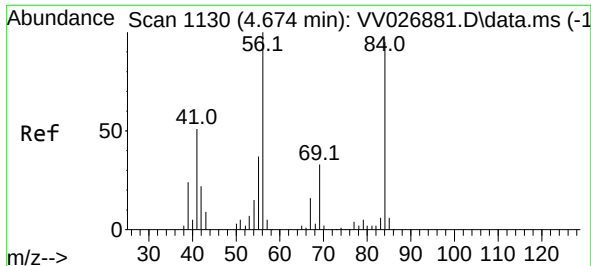
Tgt Ion: 62 Resp: 314119

Ion Ratio Lower Upper

62 100

98 11.2 8.9 13.3





#29

Cyclohexane

Concen: 54.494 ug/L

RT: 4.670 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

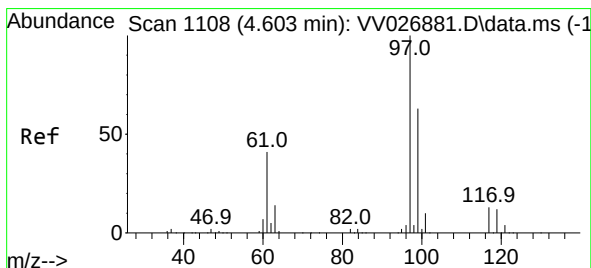
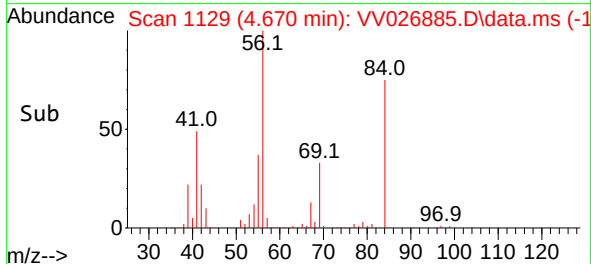
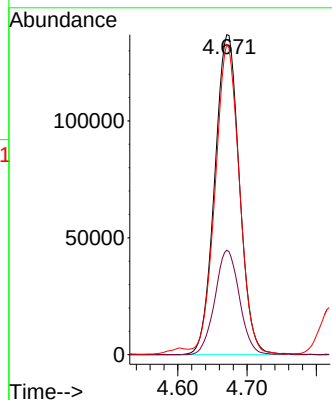
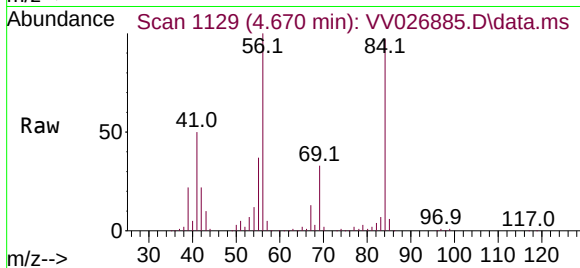
Tgt Ion: 56 Resp: 339009

Ion Ratio Lower Upper

56 100

69 32.4 25.7 38.5

84 95.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 48.597 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

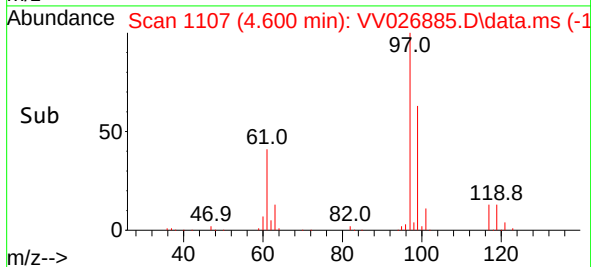
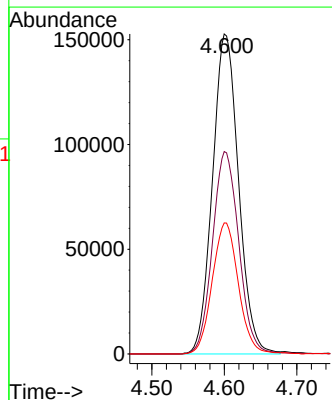
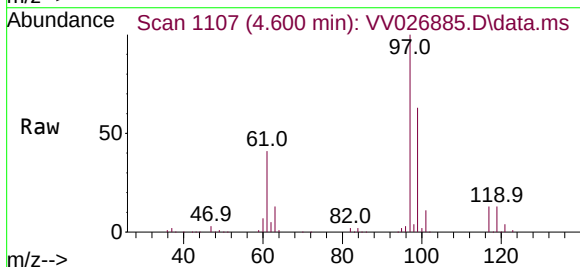
Tgt Ion: 97 Resp: 381978

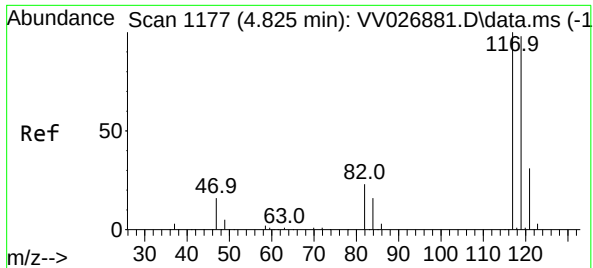
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 41.0 33.1 49.7

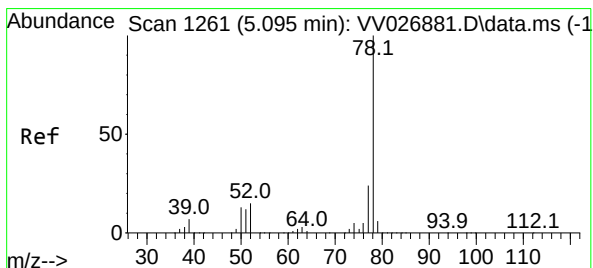
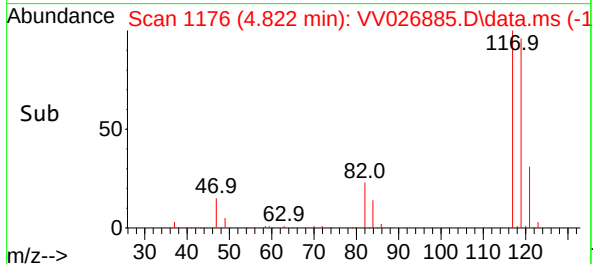
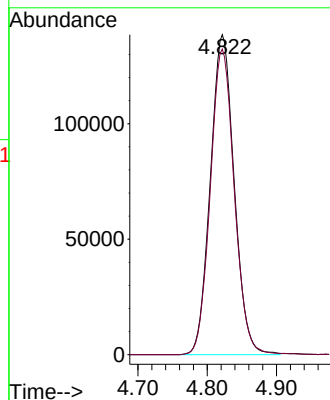
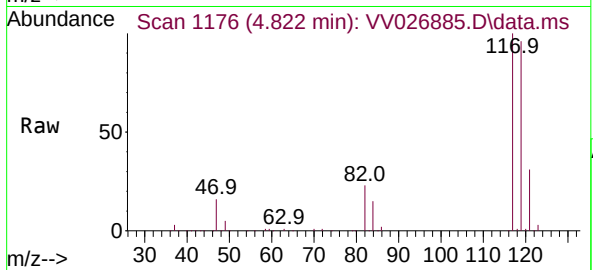




#31
Carbon tetrachloride
Concen: 48.108 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

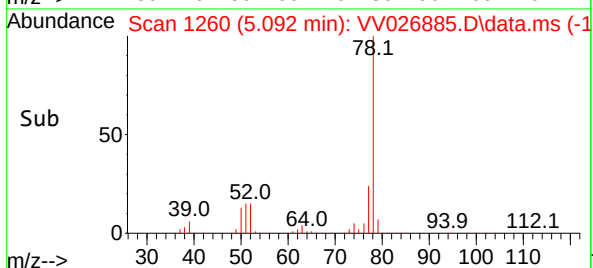
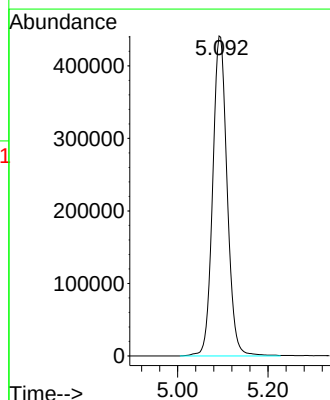
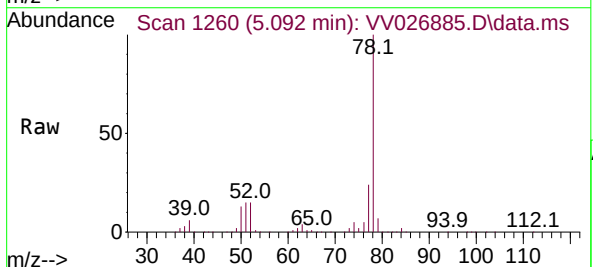
Instrument :
MSVOA_V
ClientSampleId :

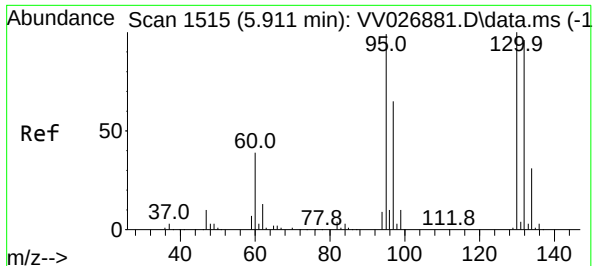
Tgt Ion:117 Resp: 331079
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9



#33
Benzene
Concen: 51.259 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion: 78 Resp: 980679





#34

Trichloroethene

Concen: 49.796 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 244811

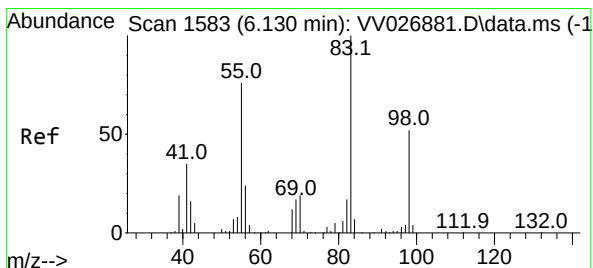
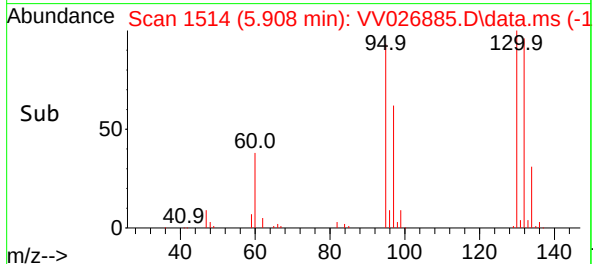
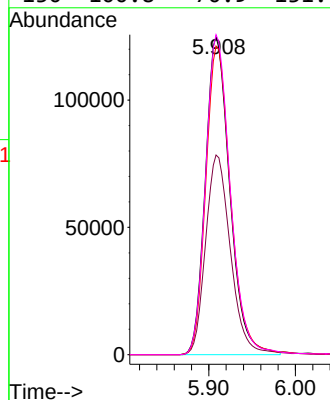
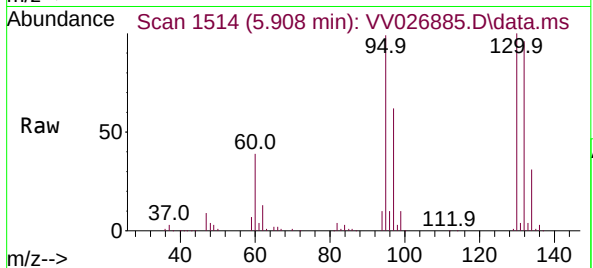
Ion Ratio Lower Upper

95 100

97 62.9 45.9 85.3

132 97.2 68.1 126.5

130 100.8 70.9 131.7



#35

Methylcyclohexane

Concen: 54.384 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

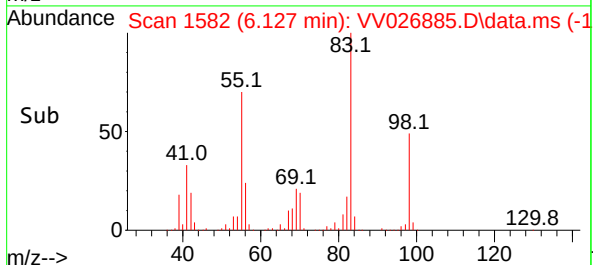
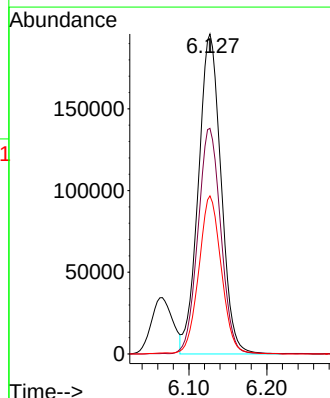
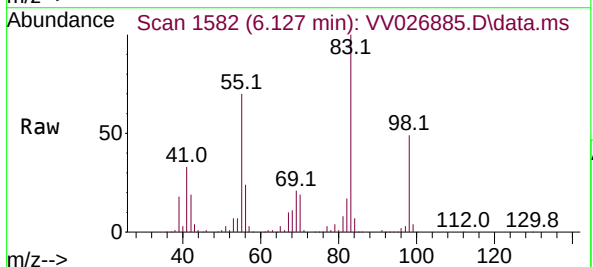
Tgt Ion: 83 Resp: 395872

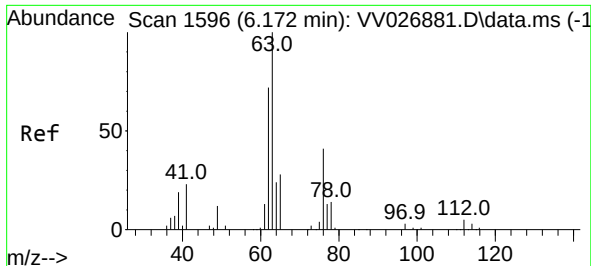
Ion Ratio Lower Upper

83 100

55 70.8 57.4 86.2

98 48.7 39.4 59.0





#37

1,2-Dichloropropane

Concen: 51.107 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

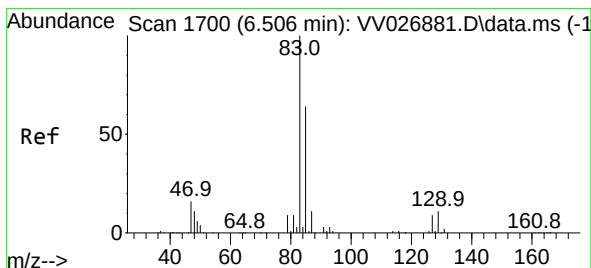
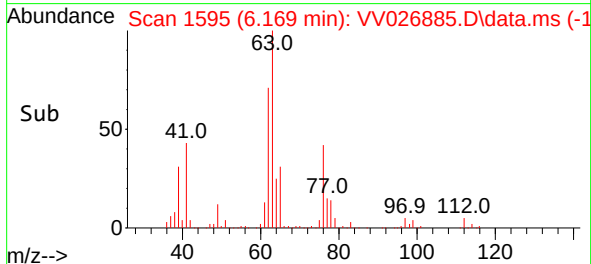
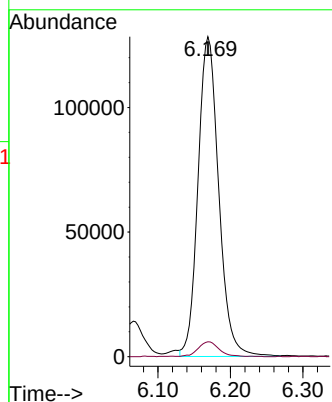
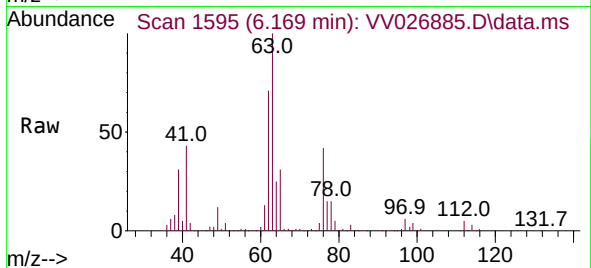
ClientSampleId :

Tgt Ion: 63 Resp: 254477

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 48.496 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

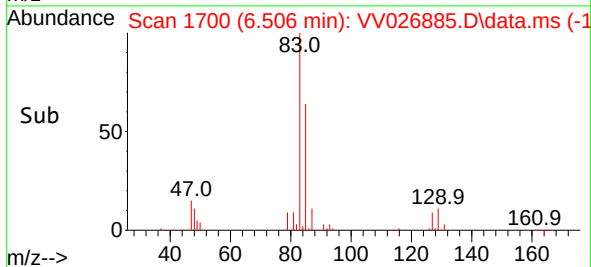
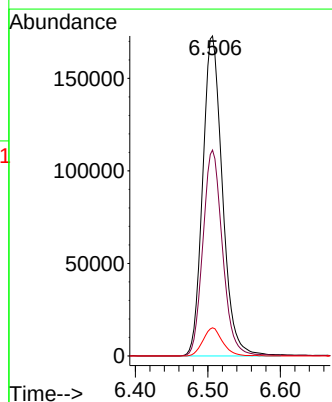
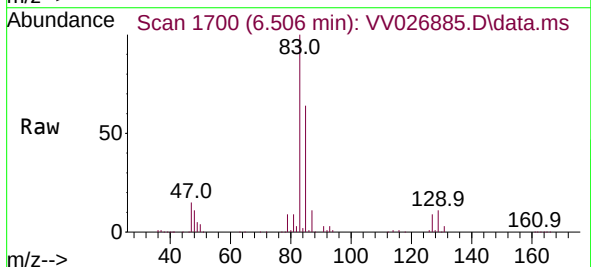
Tgt Ion: 83 Resp: 327307

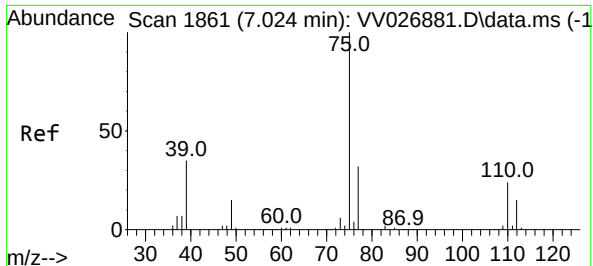
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.495 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

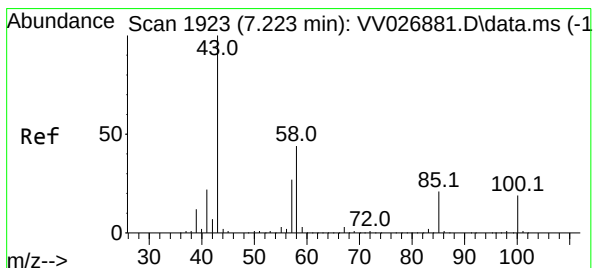
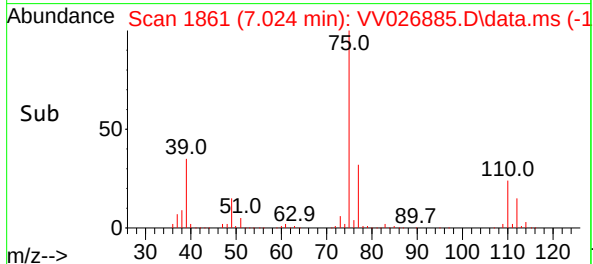
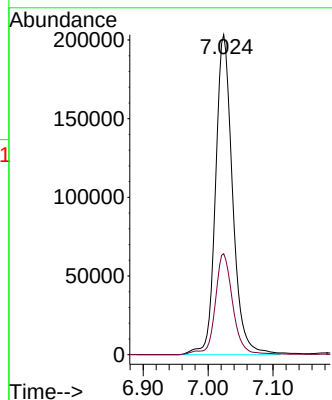
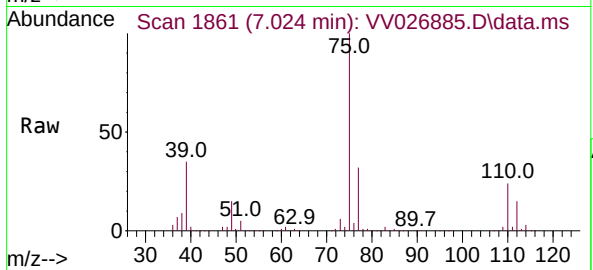
ClientSampleId :

Tgt Ion: 75 Resp: 369680

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 109.636 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

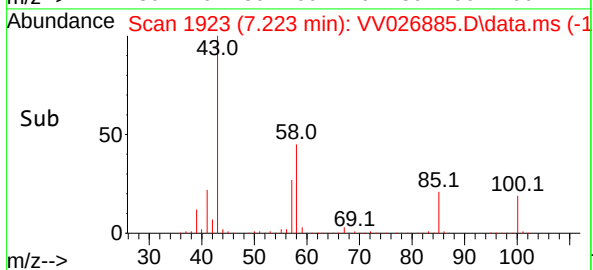
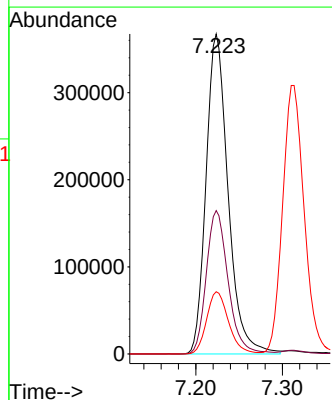
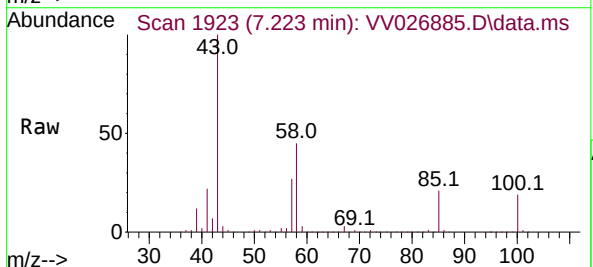
Tgt Ion: 43 Resp: 649666

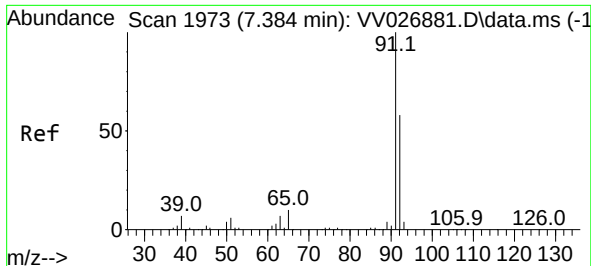
Ion Ratio Lower Upper

43 100

58 44.4 35.0 52.6

100 19.4 15.4 23.0





#42

Toluene

Concen: 52.937 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

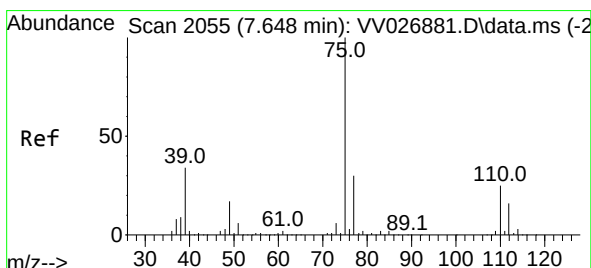
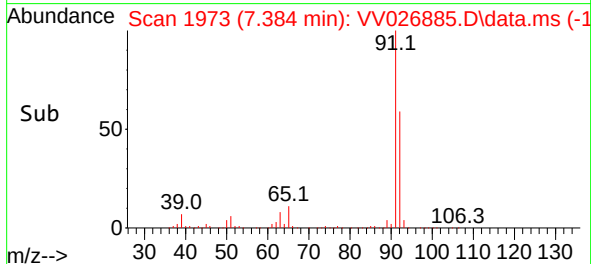
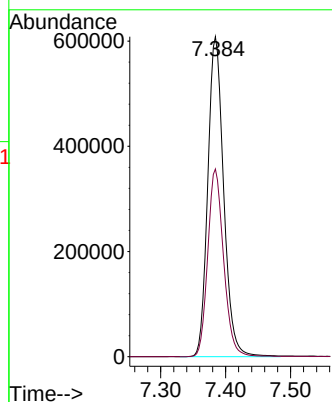
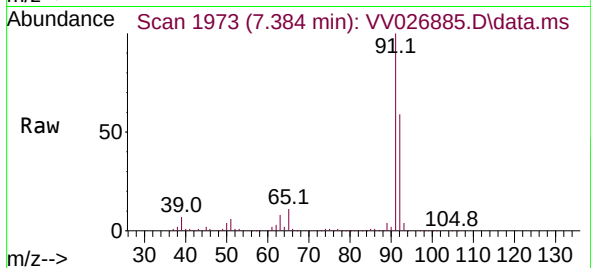
ClientSampleId :

Tgt Ion: 91 Resp: 1033747

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 51.875 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV026885.D

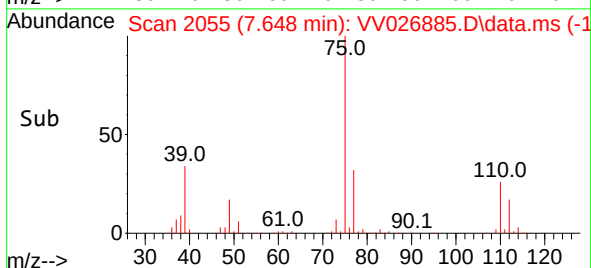
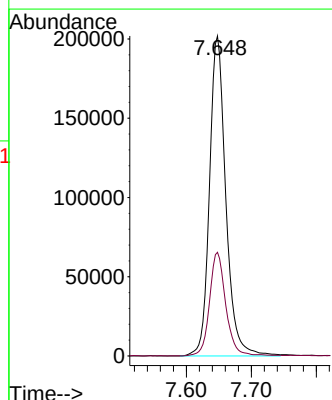
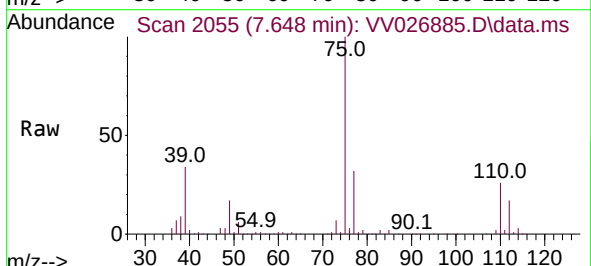
Acq: 22 Jul 2022 13:47

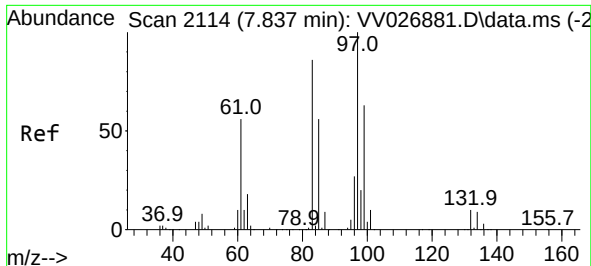
Tgt Ion: 75 Resp: 353518

Ion Ratio Lower Upper

75 100

77 32.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 49.146 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 260607

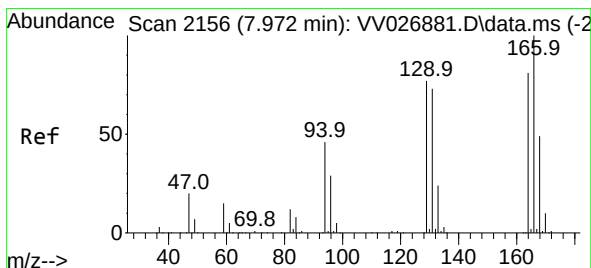
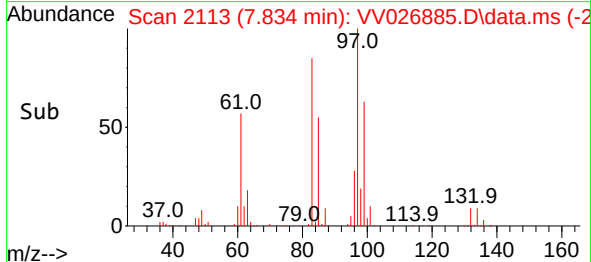
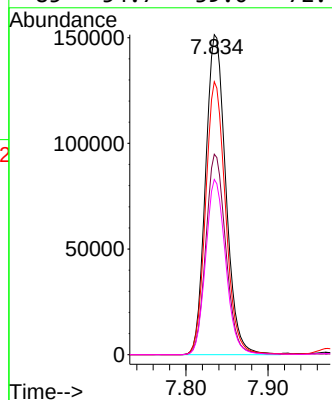
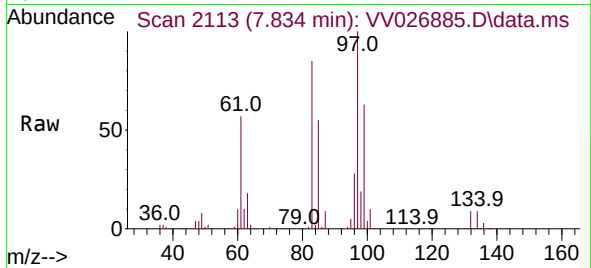
Ion Ratio Lower Upper

97 100

99 62.6 44.0 81.8

83 85.3 59.9 111.3

85 54.7 39.0 72.4



#46

Tetrachloroethene

Concen: 50.237 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Tgt Ion:164 Resp: 192662

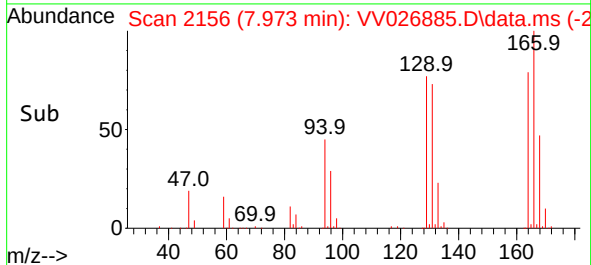
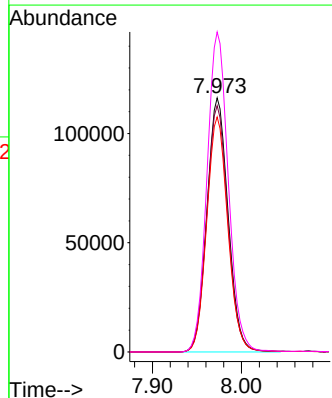
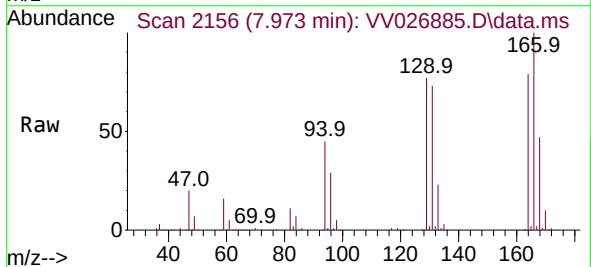
Ion Ratio Lower Upper

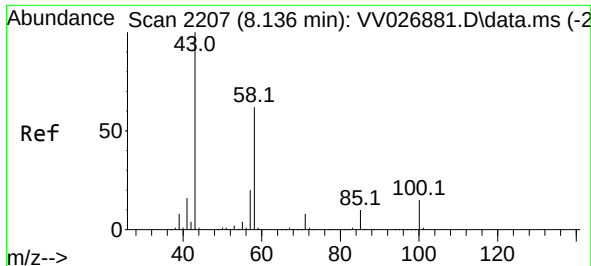
164 100

129 96.9 66.3 123.1

131 92.5 63.1 117.3

166 125.9 86.2 160.2

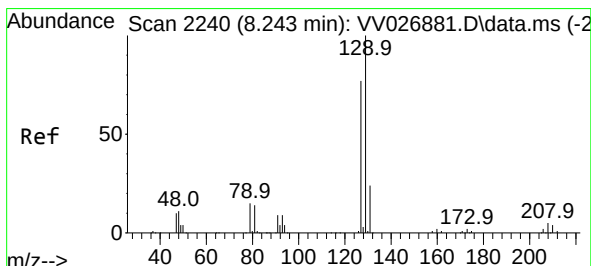
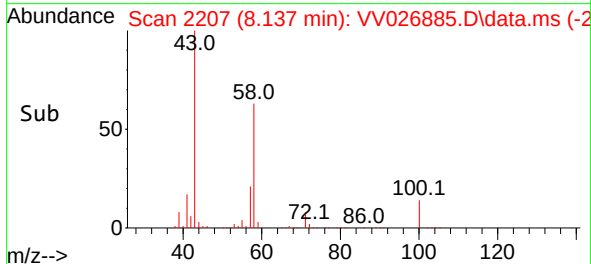
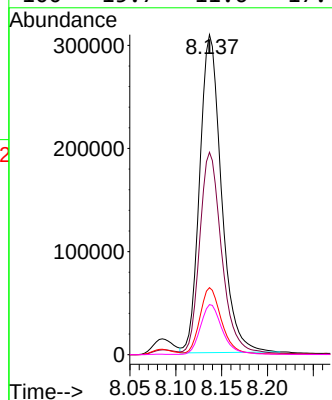
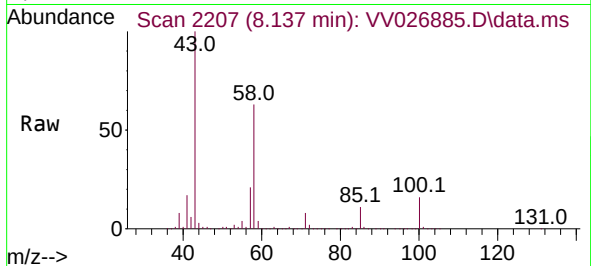




#48
2-Hexanone
Concen: 110.460 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

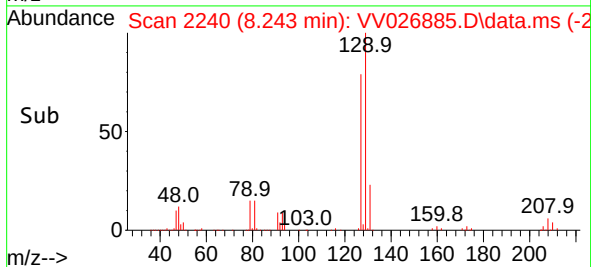
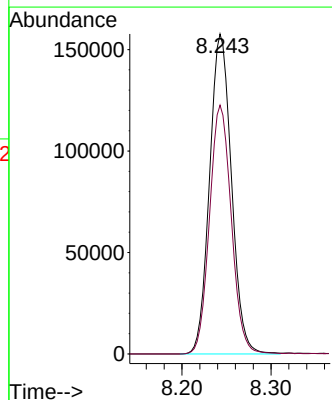
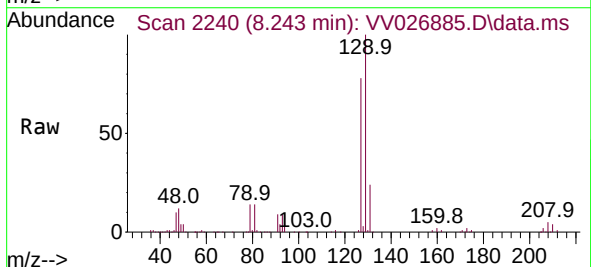
Instrument :
MSVOA_V
ClientSampleId :

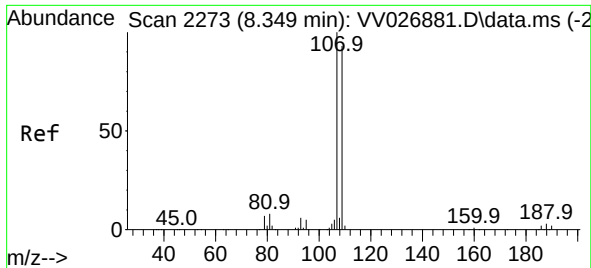
Tgt Ion: 43 Resp: 509430
Ion Ratio Lower Upper
43 100
58 64.2 48.8 73.2
57 21.0 16.6 24.8
100 15.7 11.6 17.4



#49
Dibromochloromethane
Concen: 48.500 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion: 129 Resp: 268801
Ion Ratio Lower Upper
129 100
127 77.8 53.7 99.7





#50

1,2-Dibromoethane

Concen: 49.335 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

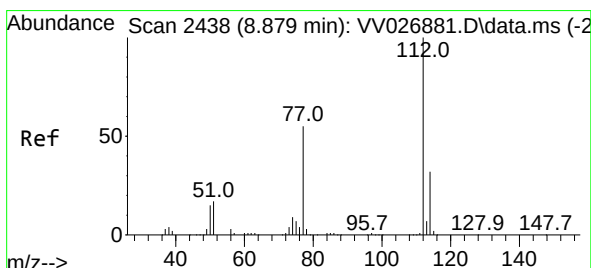
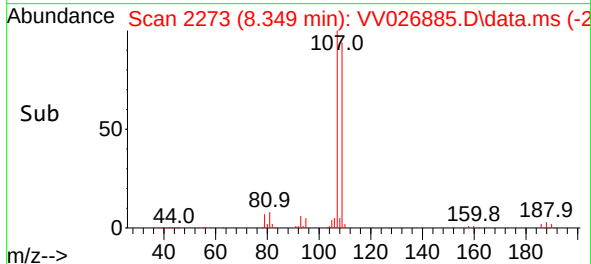
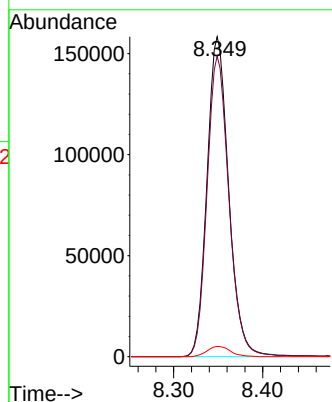
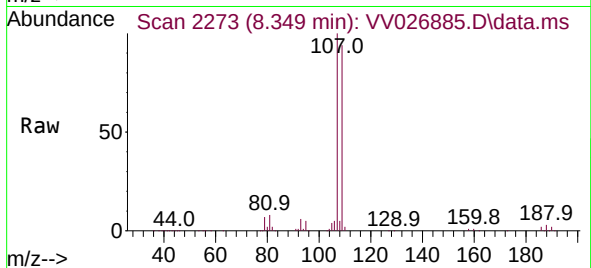
Tgt Ion:107 Resp: 267650

Ion Ratio Lower Upper

107 100

109 93.9 64.9 120.5

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 49.441 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

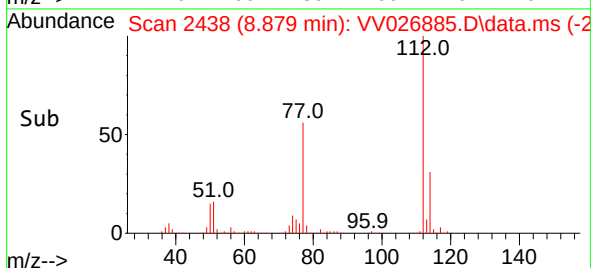
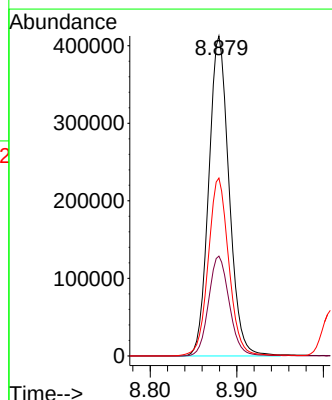
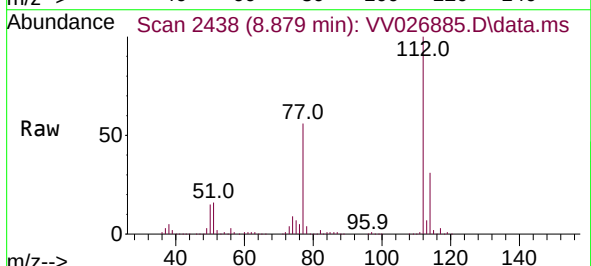
Tgt Ion:112 Resp: 672968

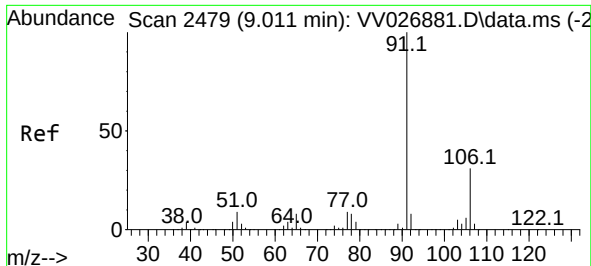
Ion Ratio Lower Upper

112 100

114 31.2 22.7 42.1

77 55.6 44.4 66.6

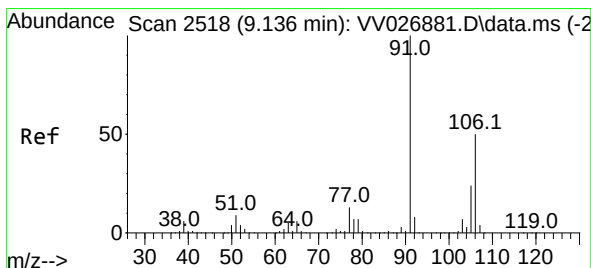
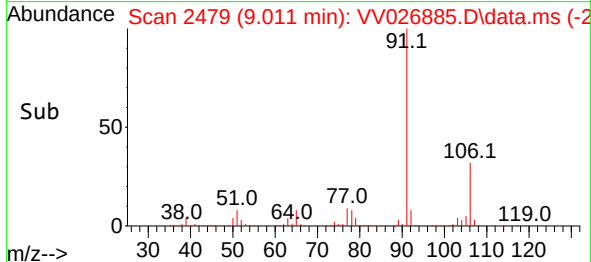
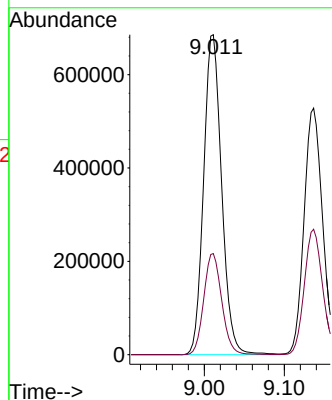
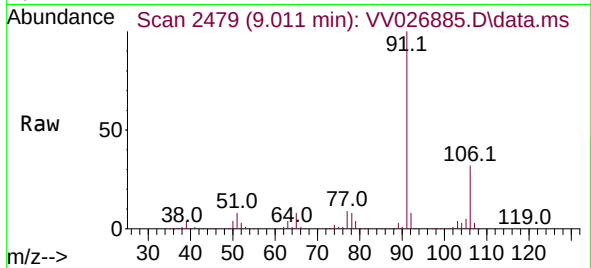




#52
Ethylbenzene
Concen: 53.023 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

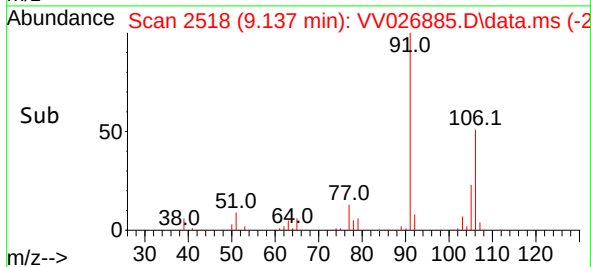
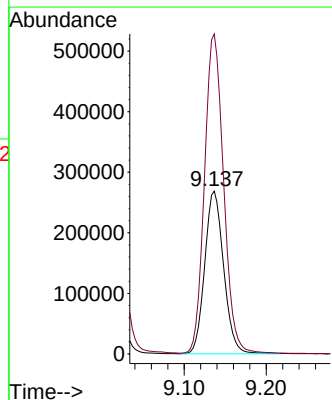
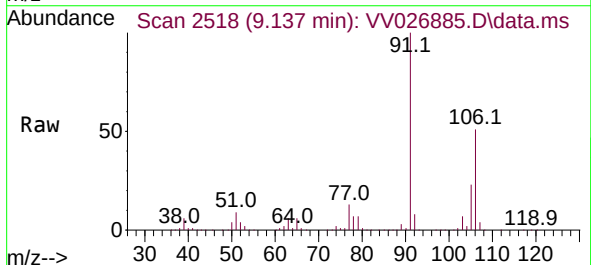
Instrument :
MSVOA_V
ClientSampleId :

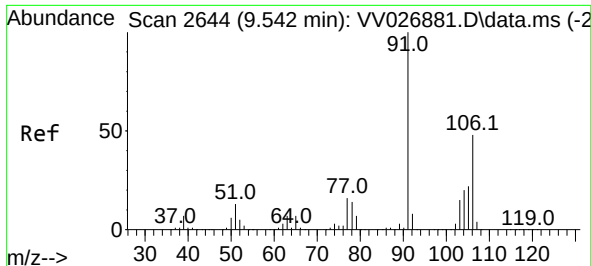
Tgt Ion: 91 Resp: 1074773
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 54.089 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion: 106 Resp: 429291
Ion Ratio Lower Upper
106 100
91 196.5 140.0 260.0

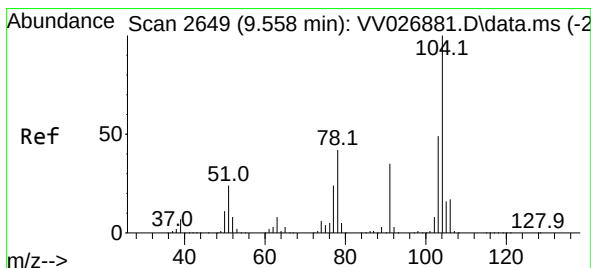
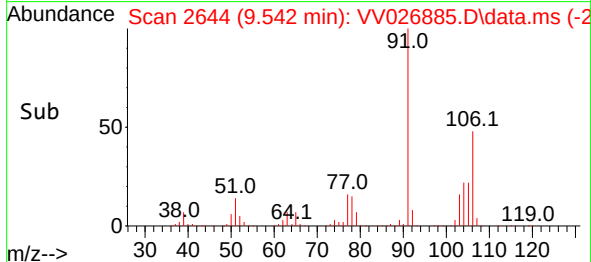
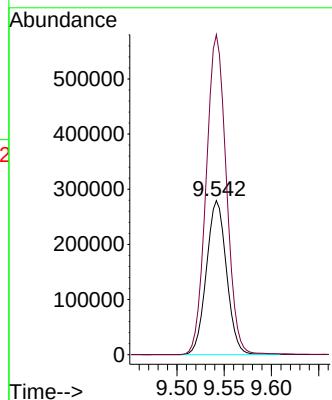
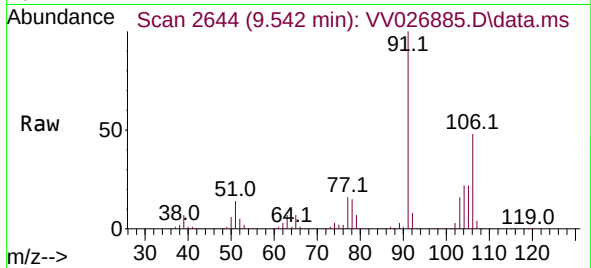




#54
o-Xylene
Concen: 54.222 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

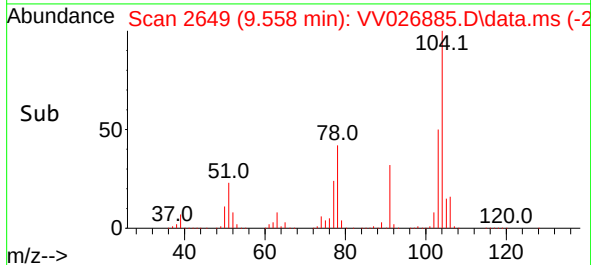
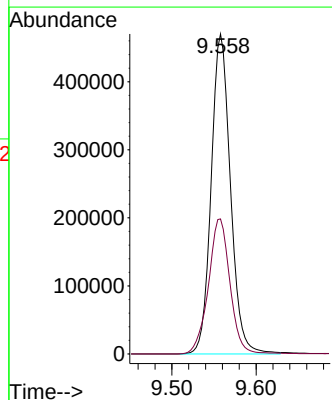
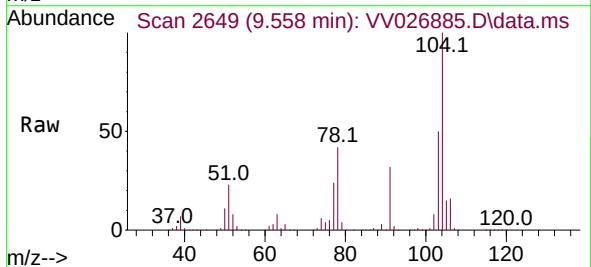
Instrument :
MSVOA_V
ClientSampleId :

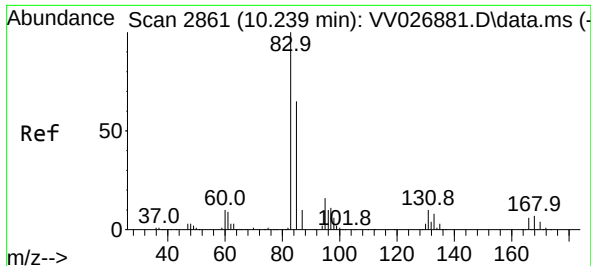
Tgt Ion:106 Resp: 414469
Ion Ratio Lower Upper
106 100
91 207.7 146.1 271.3



#55
Styrene
Concen: 55.363 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion:104 Resp: 747380
Ion Ratio Lower Upper
104 100
78 42.2 29.6 55.0

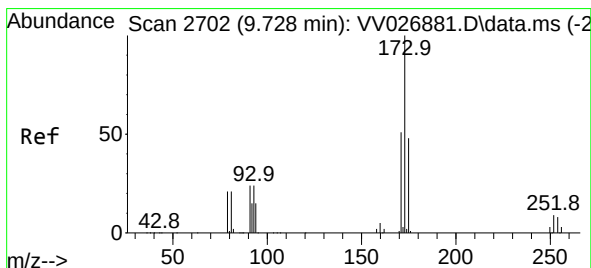
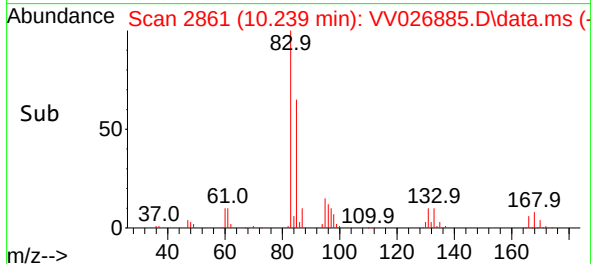
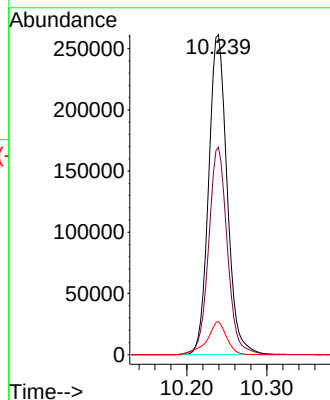
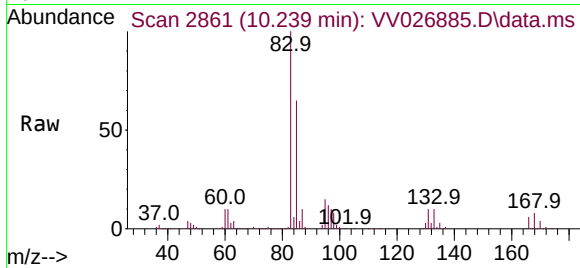




#57
1,1,2,2-Tetrachloroethane
Concen: 49.155 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

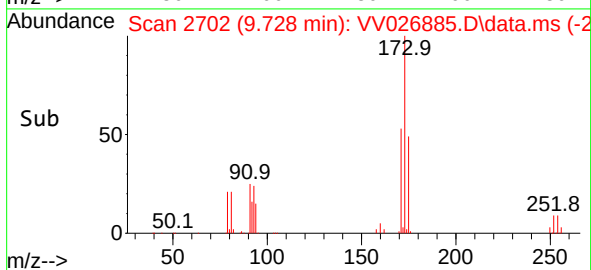
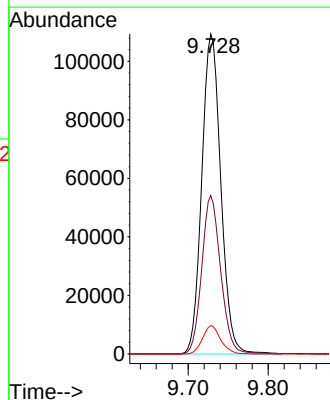
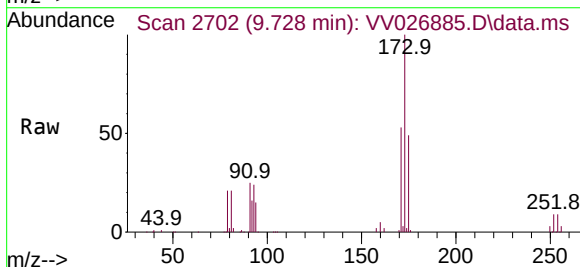
Instrument :
MSVOA_V
ClientSampleId :

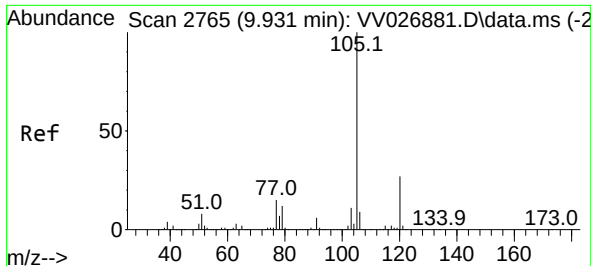
Tgt Ion: 83 Resp: 420749
Ion Ratio Lower Upper
83 100
85 64.9 45.3 84.1
131 10.3 7.8 11.6



#59
Bromoform
Concen: 47.895 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

Tgt Ion: 173 Resp: 181510
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 8.4 6.6 10.0

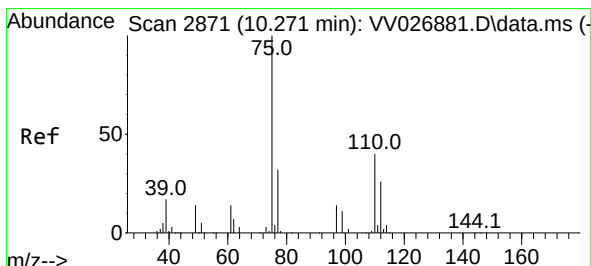
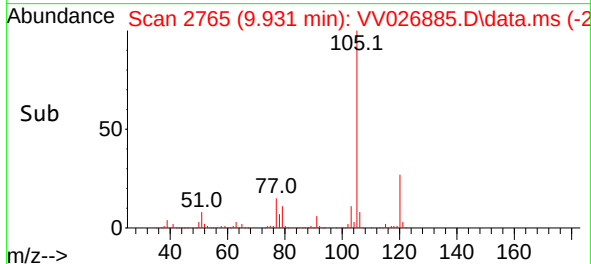
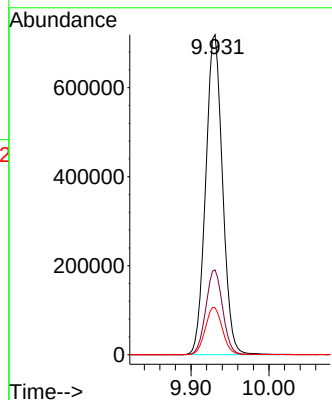
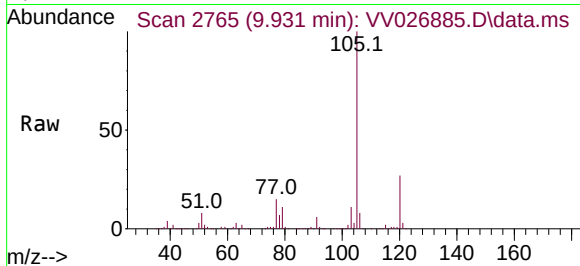




#60
Isopropylbenzene
Concen: 53.836 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

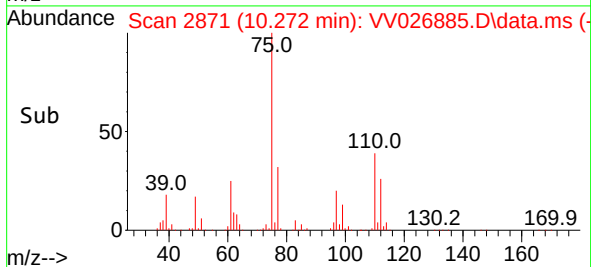
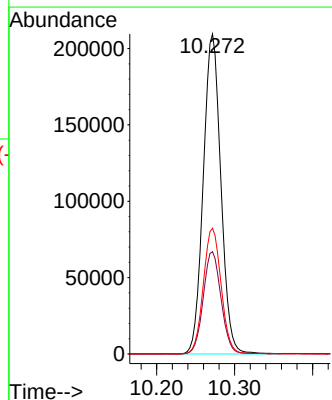
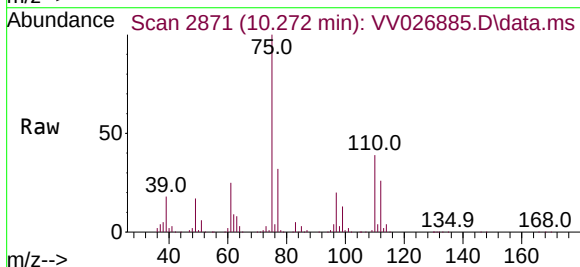
Instrument :
MSVOA_V
ClientSampleId :

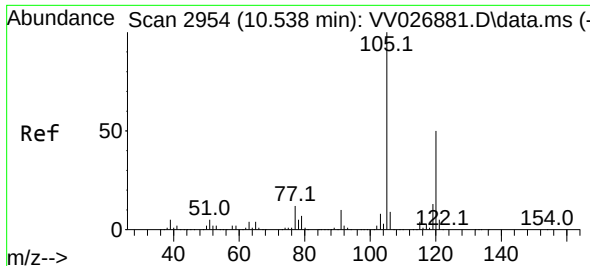
Tgt Ion:105 Resp: 1079204
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.1 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 48.243 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026885.D
Acq: 22 Jul 2022 13:47

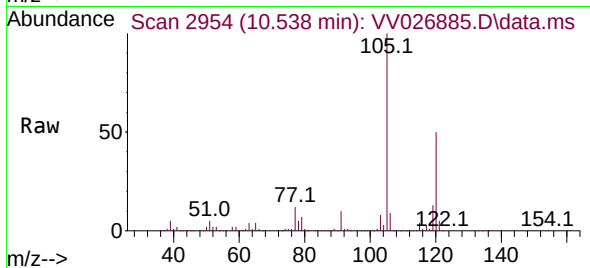
Tgt Ion: 75 Resp: 328374
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 39.7 31.7 47.5



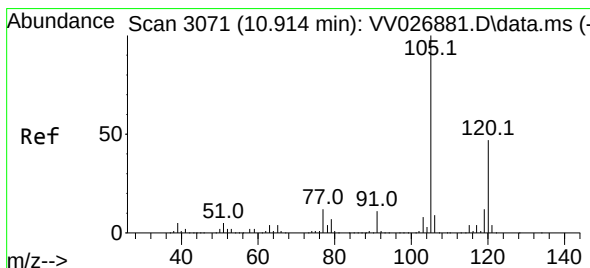
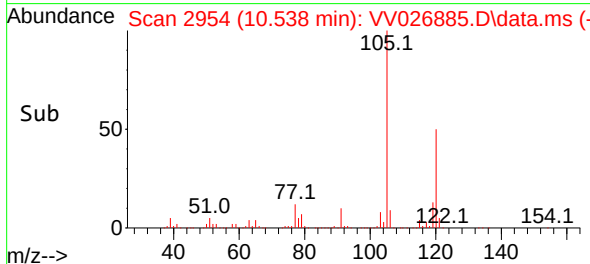
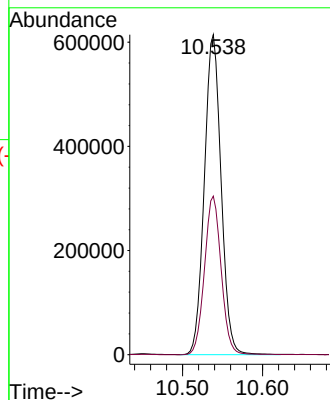


#62
 1,3,5-Trimethylbenzene
 Concen: 55.045 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026885.D
 Acq: 22 Jul 2022 13:47

Instrument :
 MSVOA_V
 ClientSampleId :

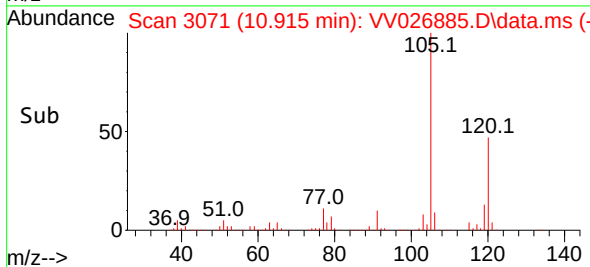
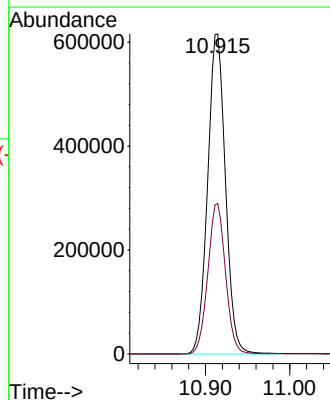
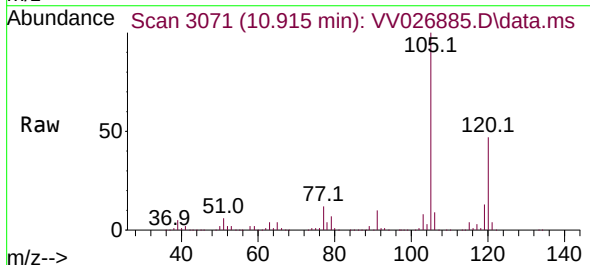


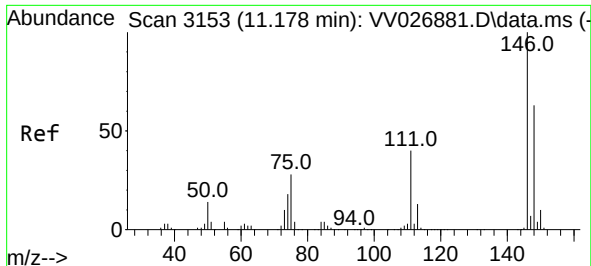
Tgt Ion:105 Resp: 896791
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 55.420 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026885.D
 Acq: 22 Jul 2022 13:47

Tgt Ion:105 Resp: 905646
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 51.396 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

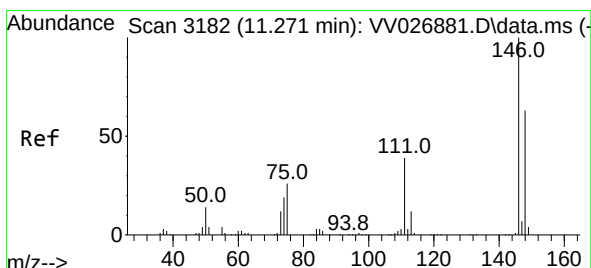
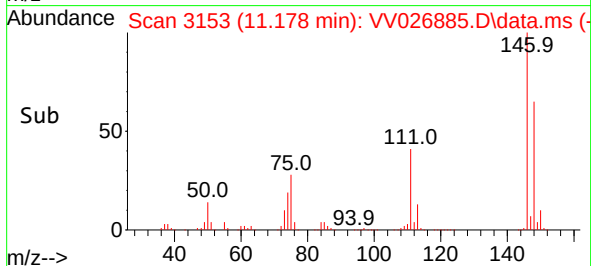
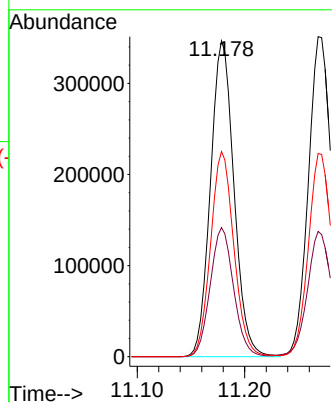
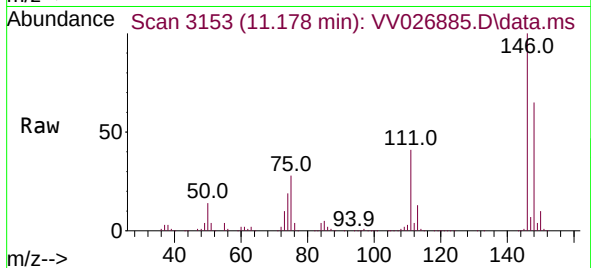
Tgt Ion:146 Resp: 526406

Ion Ratio Lower Upper

146 100

111 40.9 27.9 51.9

148 65.0 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 50.368 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

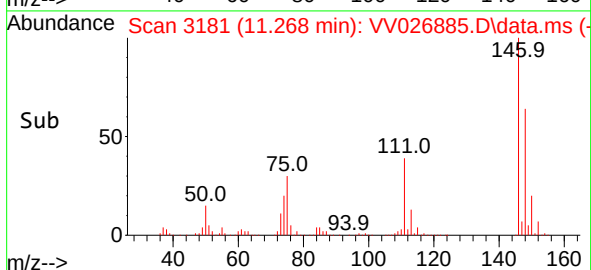
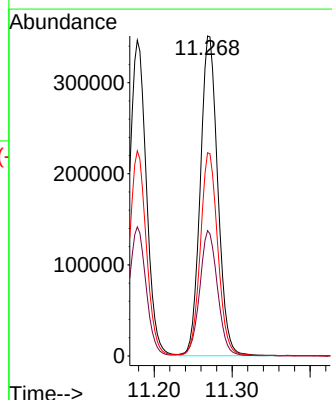
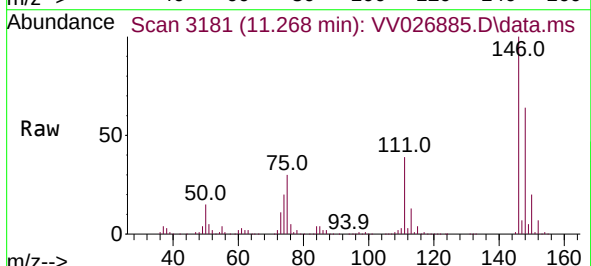
Tgt Ion:146 Resp: 546627

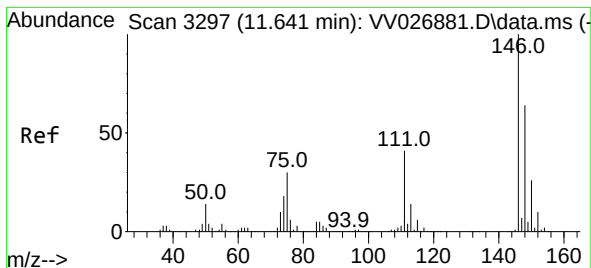
Ion Ratio Lower Upper

146 100

111 39.1 27.4 51.0

148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.565 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

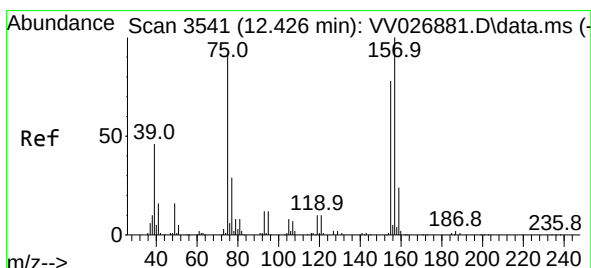
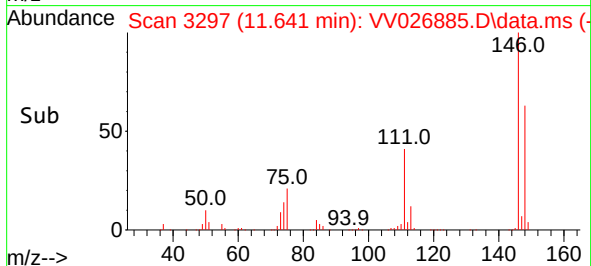
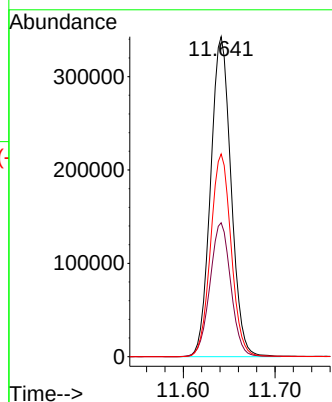
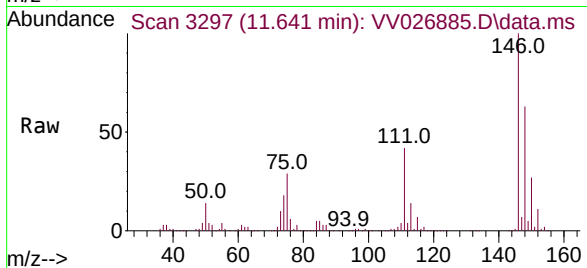
Tgt Ion:146 Resp: 531347

Ion Ratio Lower Upper

146 100

111 41.9 33.2 49.8

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 48.954 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

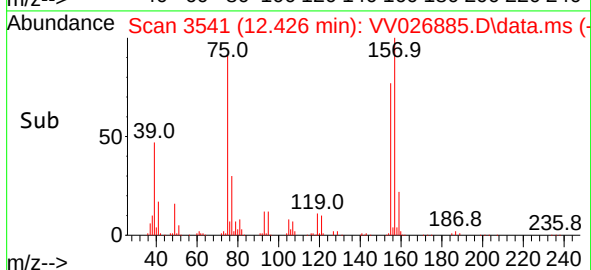
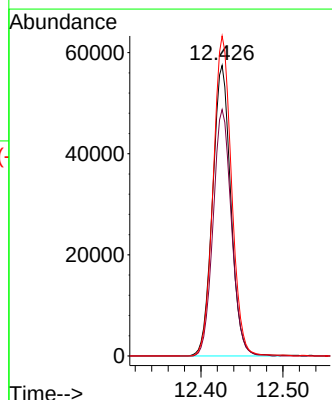
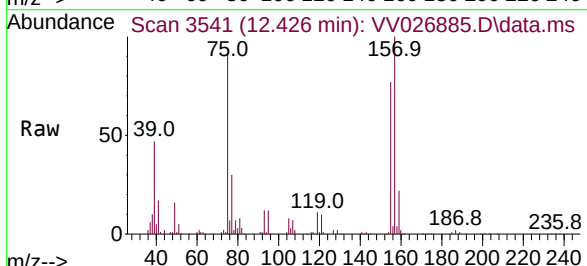
Tgt Ion: 75 Resp: 89023

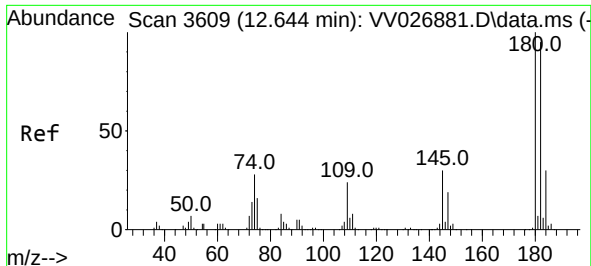
Ion Ratio Lower Upper

75 100

155 84.8 67.7 101.5

157 110.1 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 51.020 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 369934

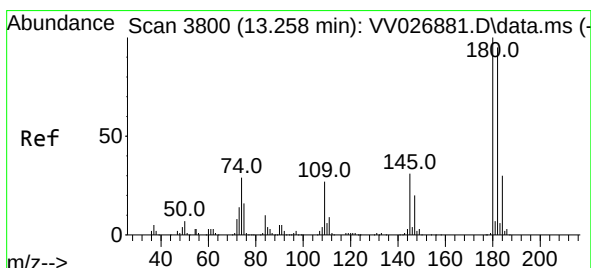
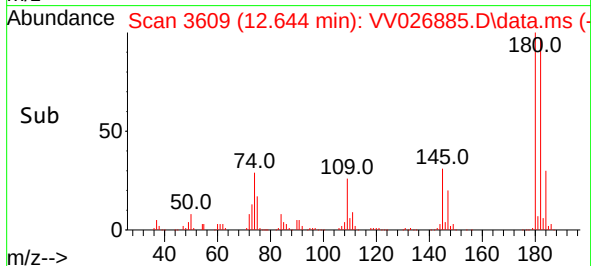
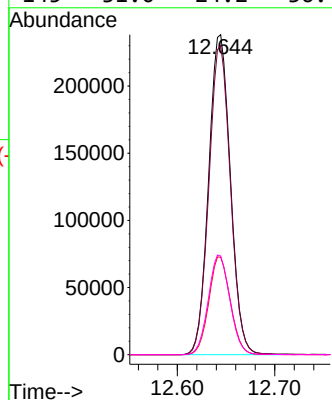
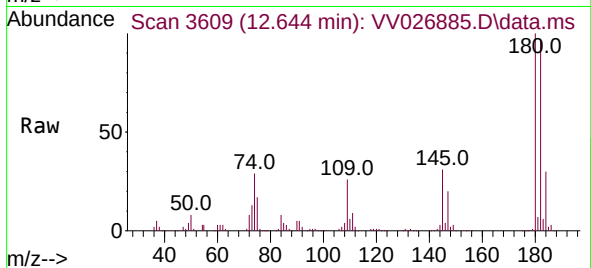
Ion Ratio Lower Upper

180 100

182 95.6 75.6 113.4

184 30.2 23.8 35.8

145 31.0 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 52.632 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

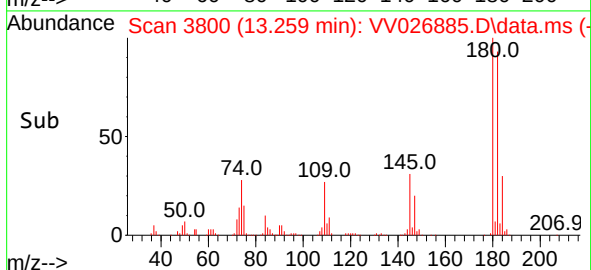
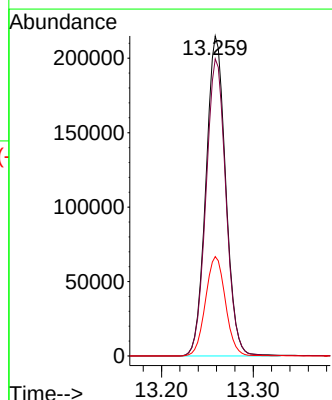
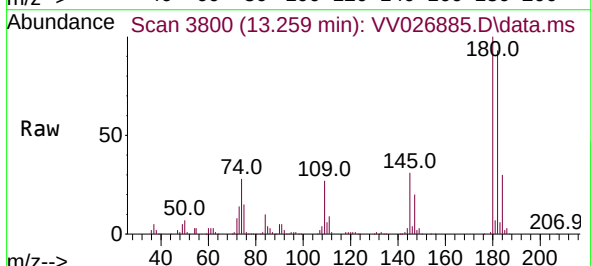
Tgt Ion:180 Resp: 321539

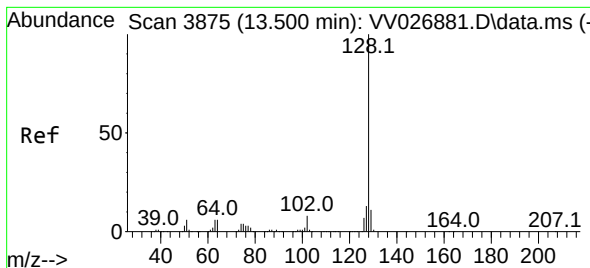
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.4

145 31.4 25.0 37.6





#71

Naphthalene

Concen: 56.172 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

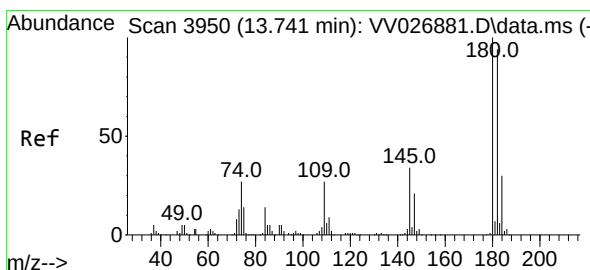
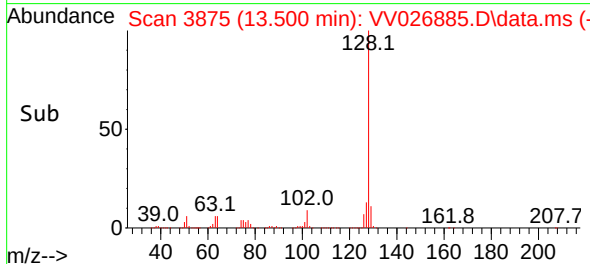
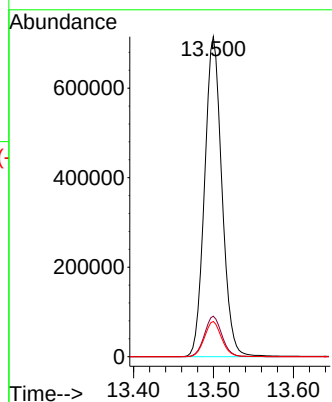
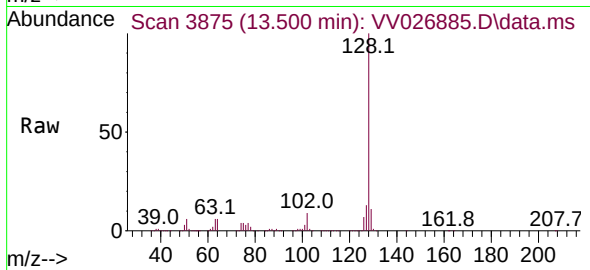
Tgt Ion:128 Resp: 1079142

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.705 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026885.D

Acq: 22 Jul 2022 13:47

Tgt Ion:180 Resp: 342246

Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.2

145 34.2 26.6 40.0

