

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122022\
 Data File : VW029749.D
 Acq On : 20 Dec 2022 14:23
 Operator : SY/MD
 Sample : N6130-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXGJ0MS

Quant Time: Dec 21 00:17:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	522180	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	486685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	280295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	118108	36.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.880%
7) Chloroethane-d5	1.564	69	105727	43.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.720%
11) 1,1-Dichloroethene-d2	2.108	63	227661	45.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.300%
21) 2-Butanone-d5	3.876	46	167459	85.849	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.850%
24) Chloroform-d	4.339	84	234071	38.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.024	65	139362	40.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.100%
32) Benzene-d6	5.043	84	498294	38.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.500%
36) 1,2-Dichloropropane-d6	6.063	67	154919	39.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.880%
41) Toluene-d8	7.307	98	458302	37.823	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.640%#
43) trans-1,3-Dichloroprop...	7.612	79	70450	35.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.040%
47) 2-Hexanone-d5	8.082	63	136682	81.485	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.490%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	230813	41.119	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.240%
66) 1,2-Dichlorobenzene-d4	11.612	152	196192	36.769	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.540%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	160379	38.992	ug/L	99
3) Chloromethane	1.243	50	184645	39.374	ug/L	100
5) Vinyl chloride	1.310	62	184246	46.959	ug/L	100
6) Bromomethane	1.519	94	75616	47.896	ug/L	99
8) Chloroethane	1.580	64	116291	53.228	ug/L	99
9) Trichlorofluoromethane	1.751	101	229989	46.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137625	50.425	ug/L	97
12) 1,1-Dichloroethene	2.117	96	133408	47.796	ug/L	92
13) Acetone	2.162	43	156979	123.534	ug/L	100
14) Carbon disulfide	2.291	76	377368	40.624	ug/L	100
15) Methyl Acetate	2.426	43	143812	49.674	ug/L	96
16) Methylene chloride	2.503	84	161259	46.466	ug/L	94
17) trans-1,2-Dichloroethene	2.754	96	140628	43.727	ug/L	93
18) Methyl tert-butyl Ether	2.764	73	445939	45.257	ug/L	98
19) 1,1-Dichloroethane	3.182	63	266134	48.304	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	158152	44.720	ug/L	93
22) 2-Butanone	3.957	43	206279	102.019	ug/L	93
23) Bromochloromethane	4.240	128	82497	45.302	ug/L	91
25) Chloroform	4.365	83	275424	48.220	ug/L	99

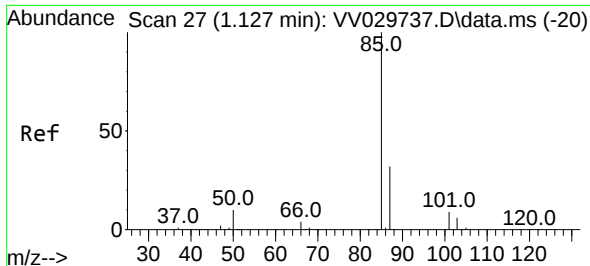
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 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	188316	46.672	ug/L	100
29) Cyclohexane	4.670	56	226991	43.055	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	232530	43.854	ug/L	98
31) Carbon tetrachloride	4.821	117	197494	42.652	ug/L	100
33) Benzene	5.092	78	621325	45.292	ug/L	100
34) Trichloroethene	5.905	95	148955	43.331	ug/L	99
35) Methylcyclohexane	6.124	83	252559	43.258	ug/L	96
37) 1,2-Dichloropropane	6.165	63	162346	49.032	ug/L	100
38) Bromodichloromethane	6.500	83	203585	44.541	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	220318	40.460	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	387512	98.161	ug/L	97
42) Toluene	7.381	91	663310	44.923	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	214057	41.509	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	159489	46.625	ug/L	99
46) Tetrachloroethene	7.966	164	123591	44.718	ug/L	99
48) 2-Hexanone	8.133	43	309915	102.754	ug/L	94
49) Dibromochloromethane	8.236	129	166347	44.046	ug/L	98
50) 1,2-Dibromoethane	8.342	107	158061	44.851	ug/L	99
51) Chlorobenzene	8.873	112	426310	45.595	ug/L	99
52) Ethylbenzene	9.005	91	702406	45.248	ug/L	99
53) m,p-Xylene	9.130	106	277142	45.107	ug/L	98
54) o-Xylene	9.535	106	269137	44.284	ug/L	98
55) Styrene	9.551	104	494879	46.856	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	261183	47.732	ug/L	99
59) Bromoform	9.722	173	120207	38.823	ug/L	98
60) Isopropylbenzene	9.921	105	708129	43.030	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	198796	45.948	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	606106	41.655	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	608916	42.217	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	347284	43.160	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	353825	43.268	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	356010	43.267	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	54158	40.275	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	267429	41.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	228502	40.129	ug/L	99
71) Naphthalene	13.490	128	606744	46.976	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	238853	42.826	ug/L	99

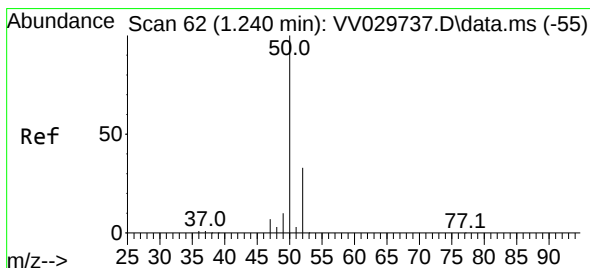
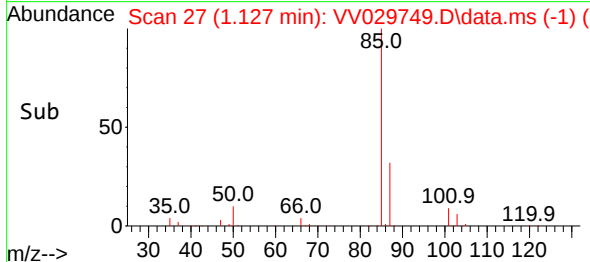
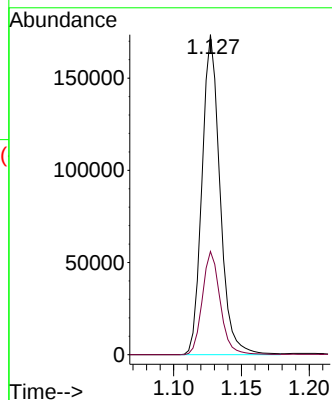
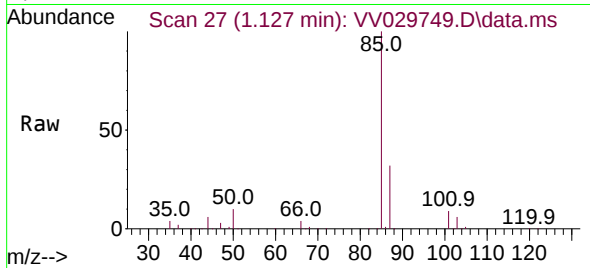
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#2
 Dichlorodifluoromethane
 Concen: 38.992 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029749.D
 Acq: 20 Dec 2022 14:23

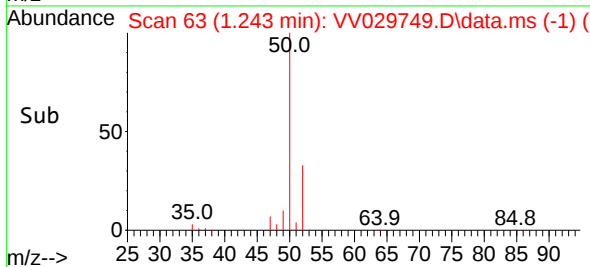
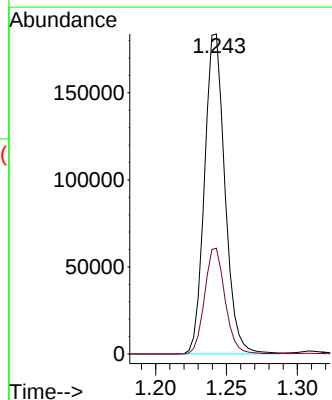
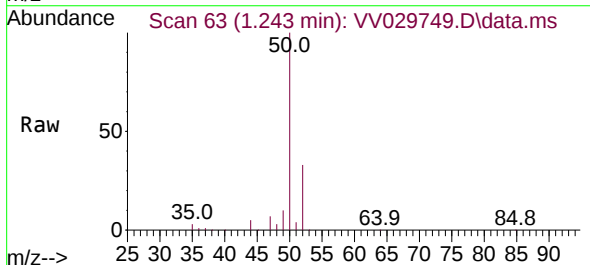
Instrument :
 MSVOA_V
 ClientSampleId :
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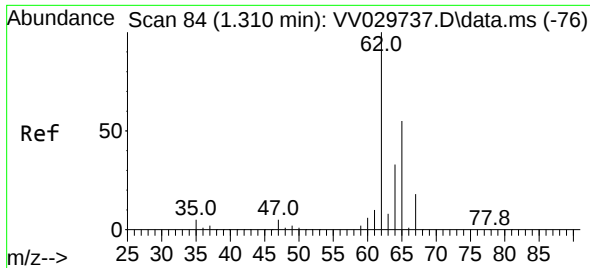
Tgt Ion: 85 Resp: 160379
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 39.374 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV029749.D
 Acq: 20 Dec 2022 14:23

Tgt Ion: 50 Resp: 184645
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.3 43.3

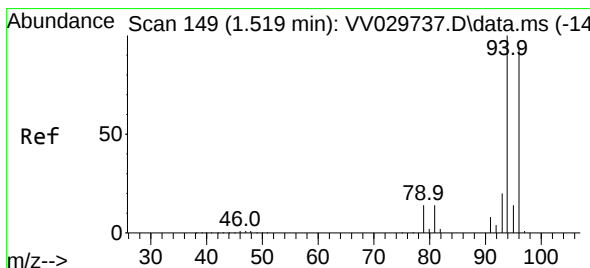
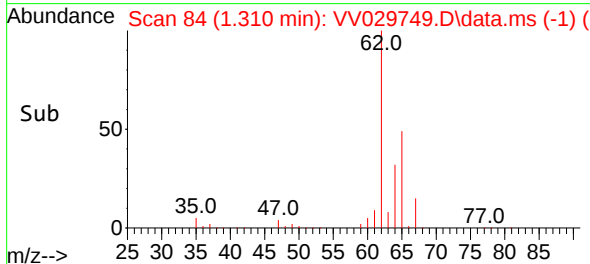
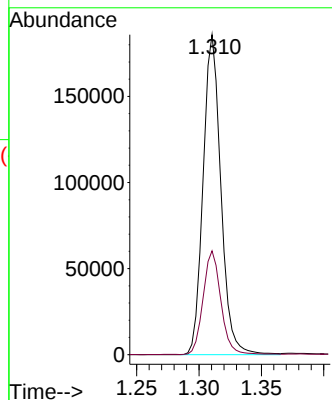
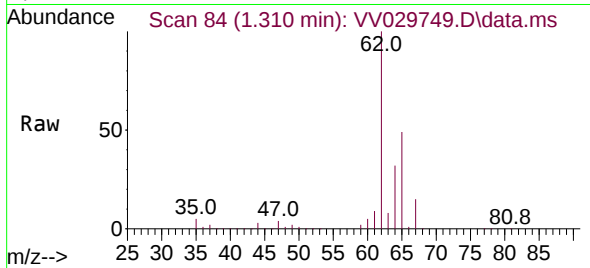




#5
 Vinyl chloride
 Concen: 46.959 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029749.D
 Acq: 20 Dec 2022 14:23

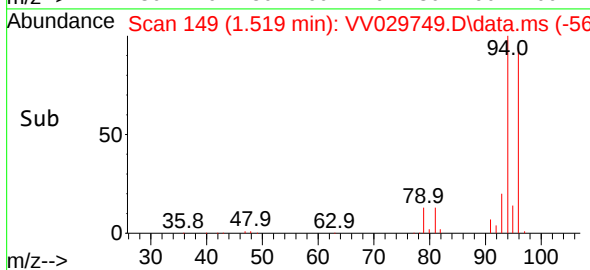
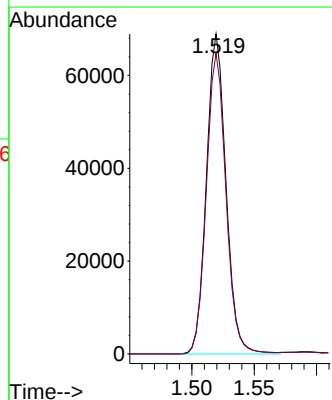
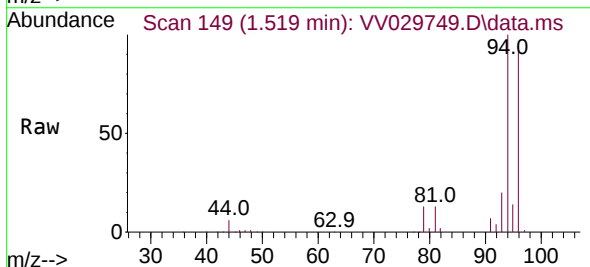
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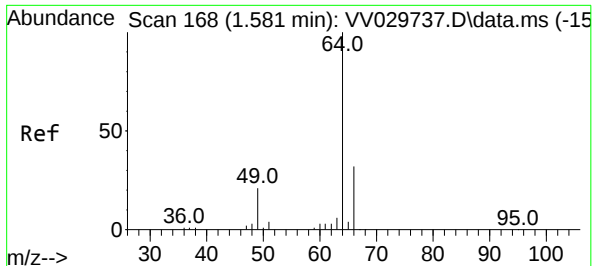
Tgt Ion: 62 Resp: 184246
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.5 41.9



#6
 Bromomethane
 Concen: 47.896 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029749.D
 Acq: 20 Dec 2022 14:23

Tgt Ion: 94 Resp: 75616
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.1 120.9

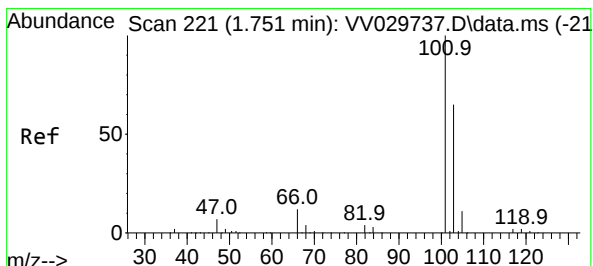
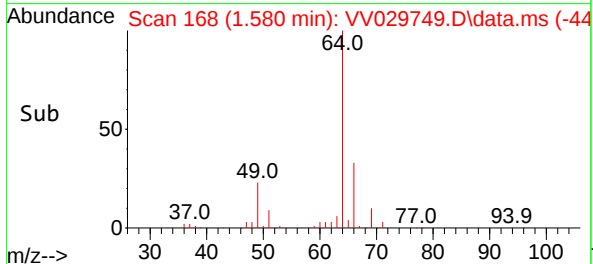
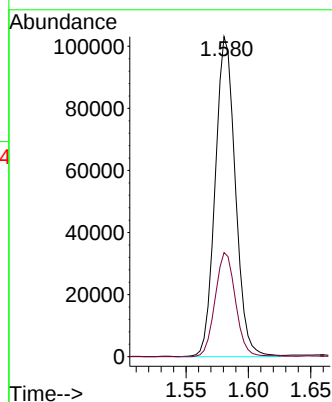
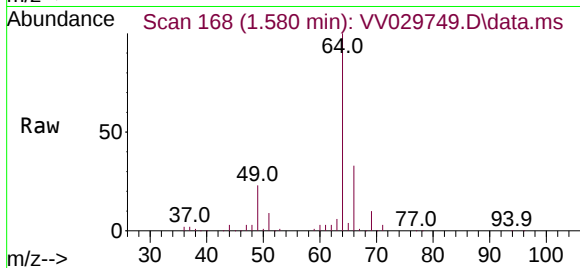




#8
Chloroethane
Concen: 53.228 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

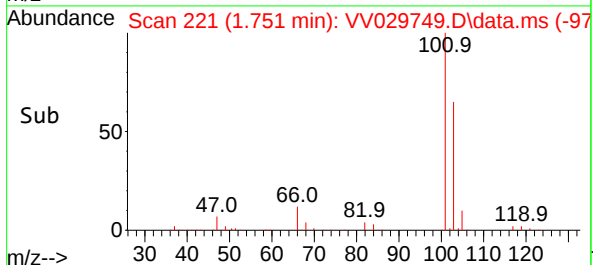
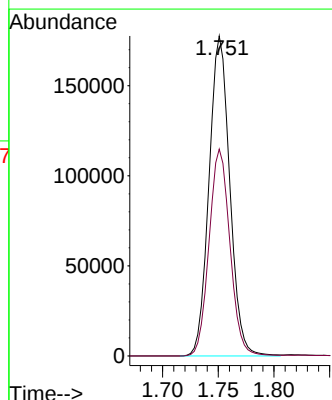
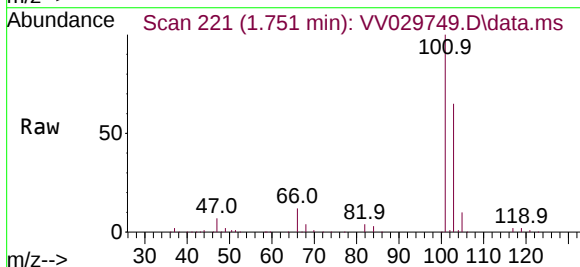
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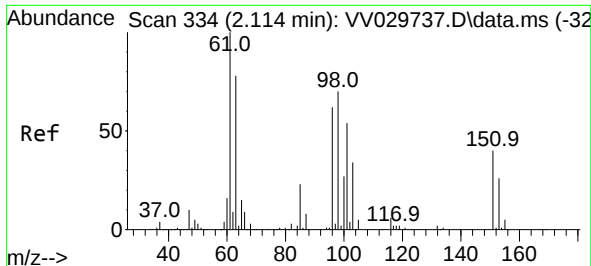
Tgt Ion: 64 Resp: 116291
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 46.824 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion:101 Resp: 229989
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

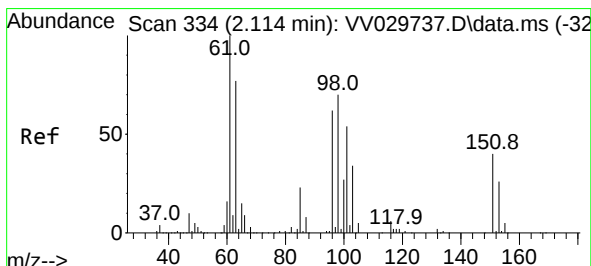
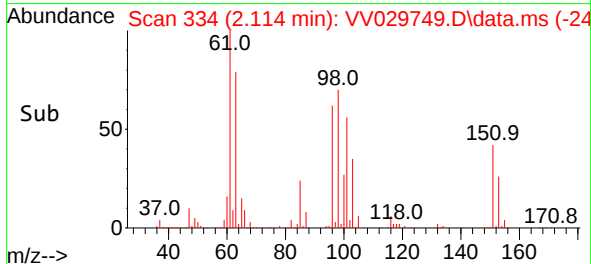
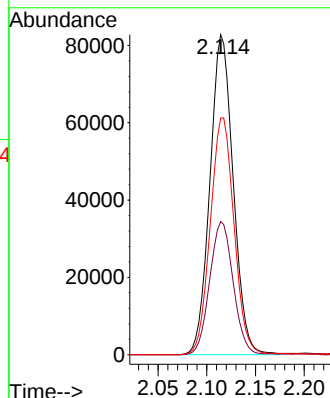
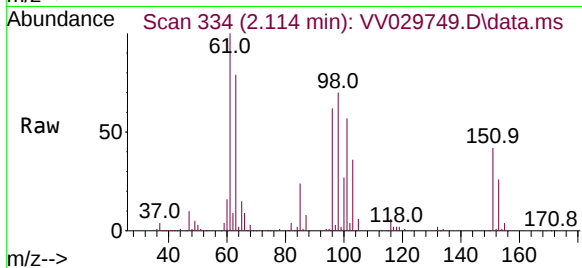




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.425 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

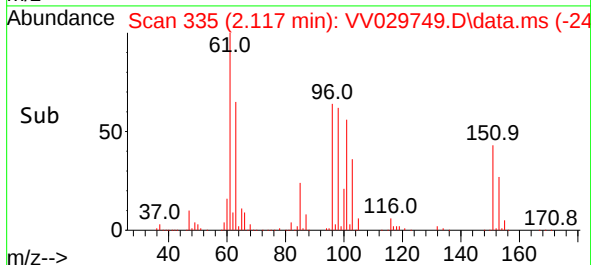
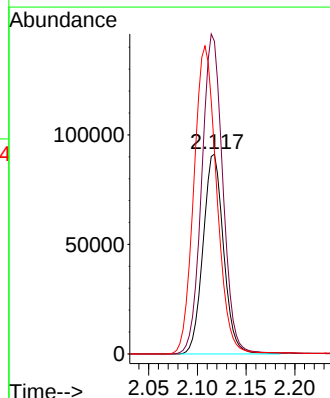
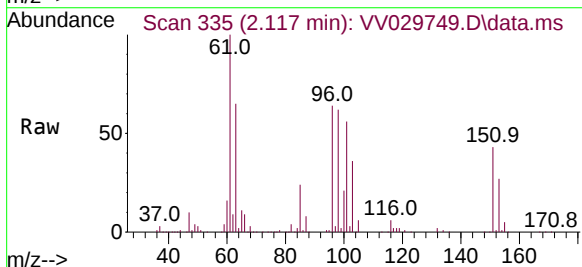
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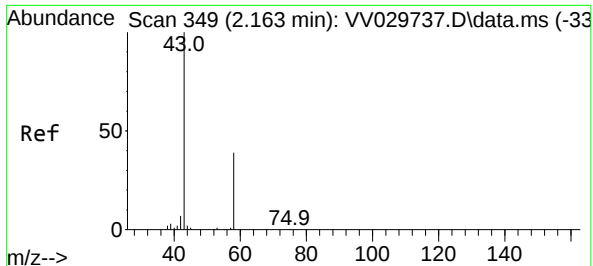
Tgt Ion:101 Resp: 137625
Ion Ratio Lower Upper
101 100
85 41.8 33.6 50.4
151 75.7 63.5 95.3



#12
1,1-Dichloroethene
Concen: 47.796 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 96 Resp: 133408
Ion Ratio Lower Upper
96 100
61 156.4 103.3 191.9
63 101.5 77.3 143.7





#13

Acetone

Concen: 123.534 ug/L

RT: 2.162 min Scan# 349

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

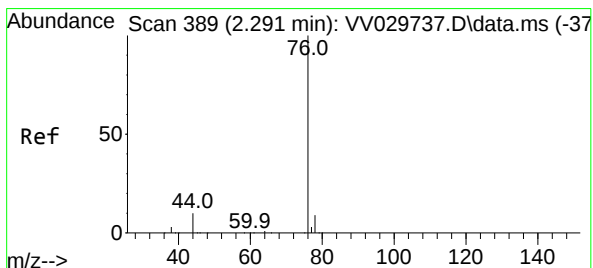
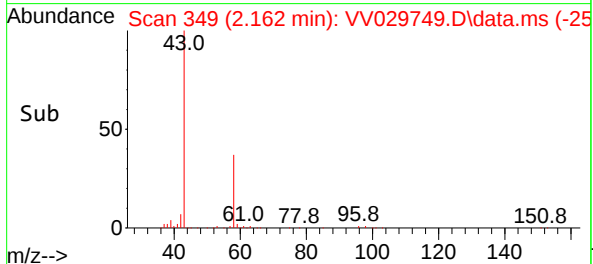
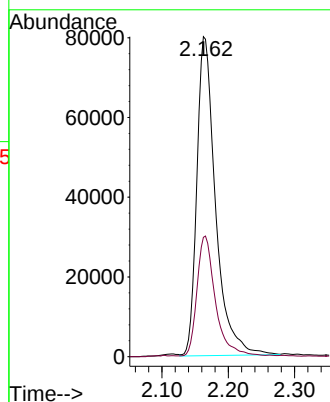
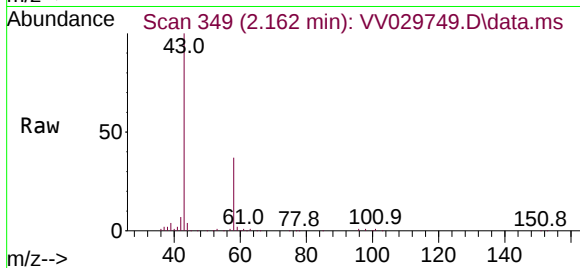
EXGJ0MS

Tgt Ion: 43 Resp: 156979

Ion Ratio Lower Upper

43 100

58 37.5 0.0 74.8



#14

Carbon disulfide

Concen: 40.624 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029749.D

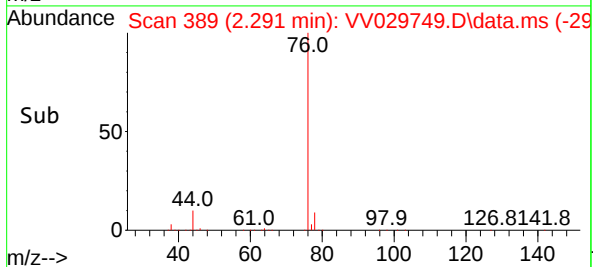
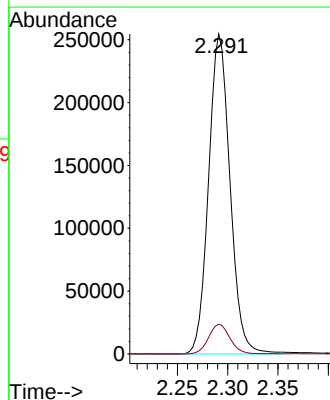
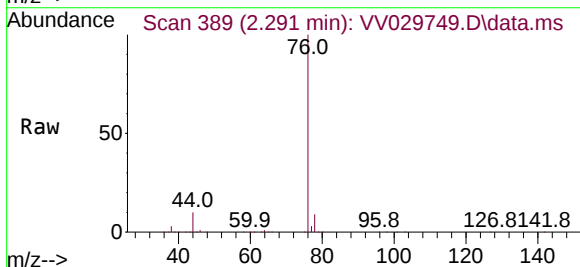
Acq: 20 Dec 2022 14:23

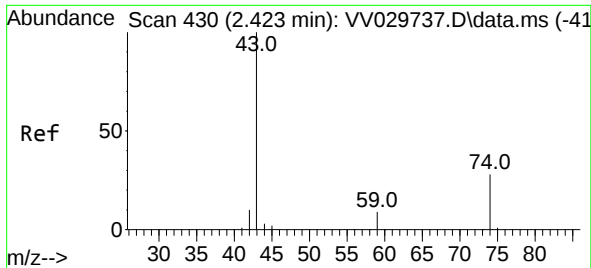
Tgt Ion: 76 Resp: 377368

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

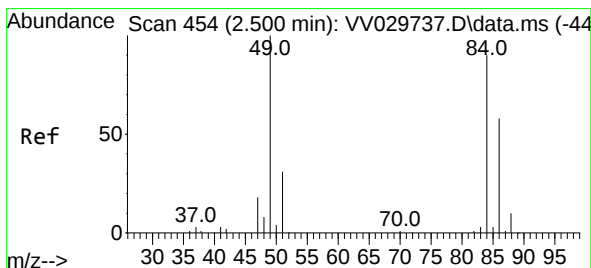
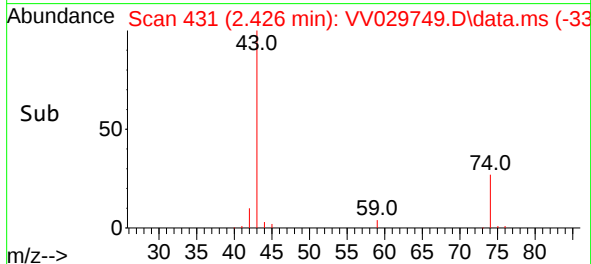
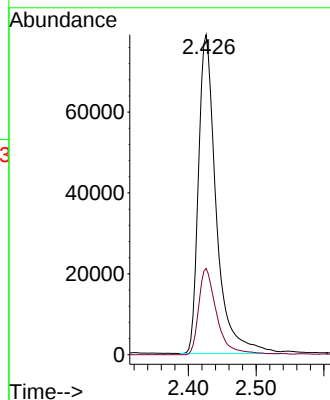
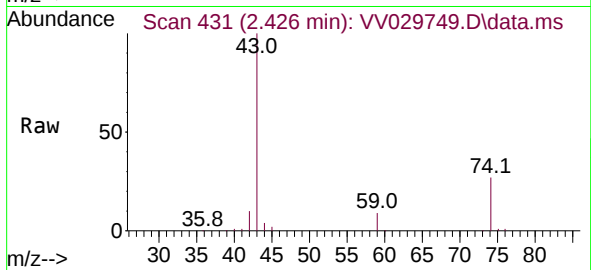




#15
Methyl Acetate
Concen: 49.674 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

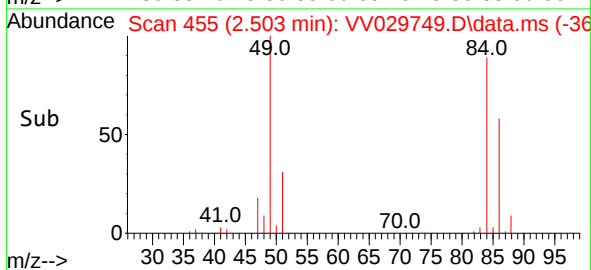
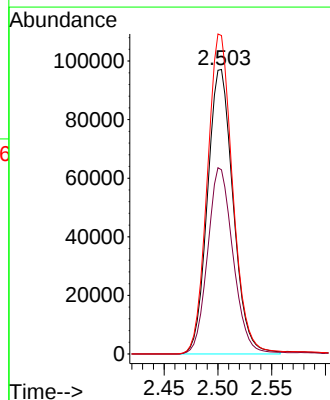
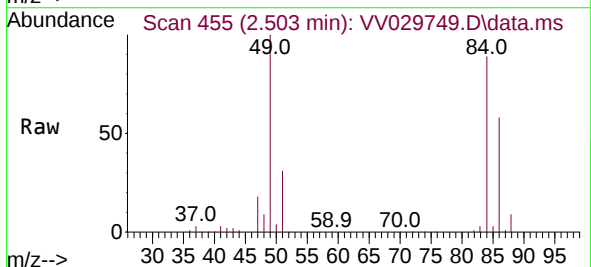
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

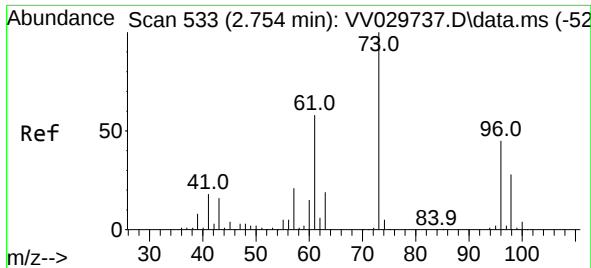
Tgt Ion: 43 Resp: 143812
Ion Ratio Lower Upper
43 100
74 27.4 23.5 35.3



#16
Methylene chloride
Concen: 46.466 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 84 Resp: 161259
Ion Ratio Lower Upper
84 100
86 64.7 46.0 85.4
49 111.9 72.2 134.0

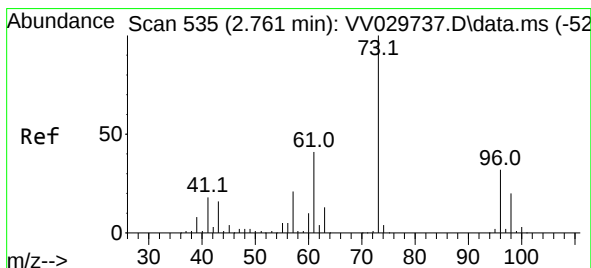
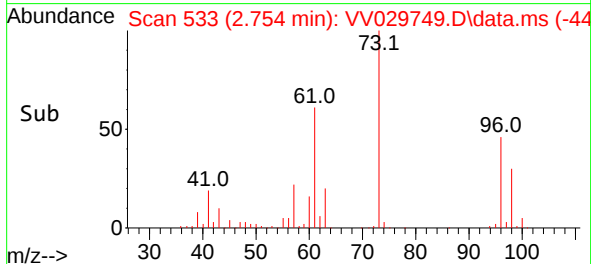
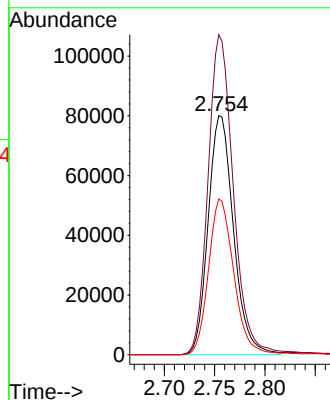
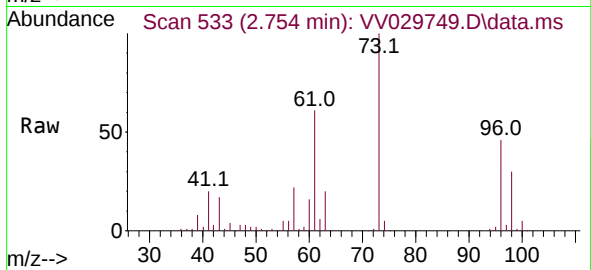




#17
trans-1,2-Dichloroethene
Concen: 43.727 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

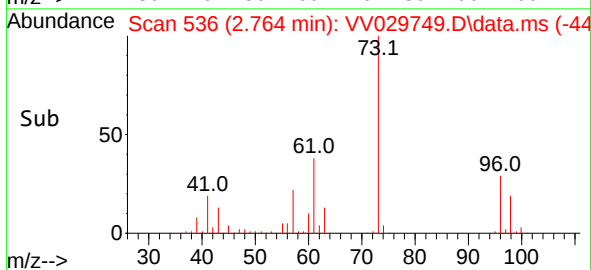
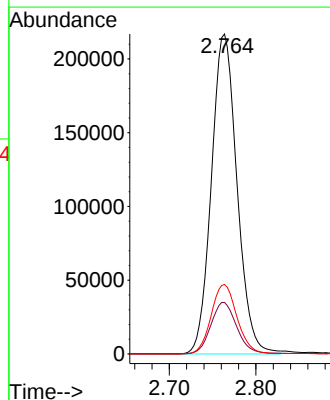
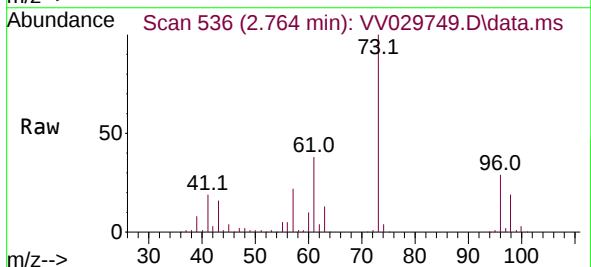
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

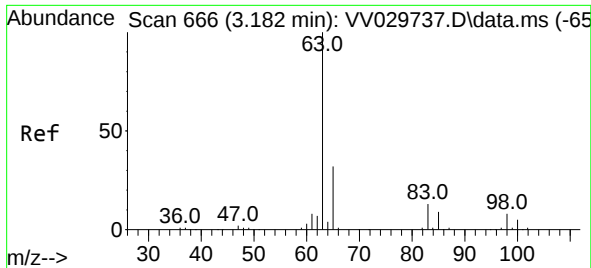
Tgt Ion: 96 Resp: 140628
Ion Ratio Lower Upper
96 100
61 133.8 86.4 160.4
98 65.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 45.257 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 73 Resp: 445939
Ion Ratio Lower Upper
73 100
43 16.1 12.7 19.1
57 22.0 16.7 25.1





#19

1,1-Dichloroethane

Concen: 48.304 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MS

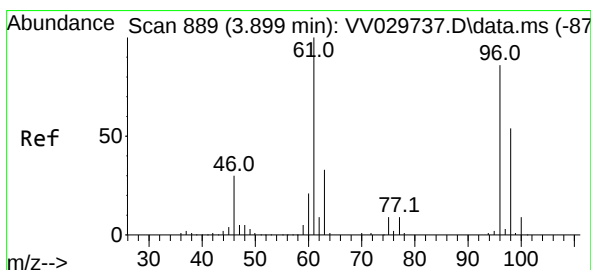
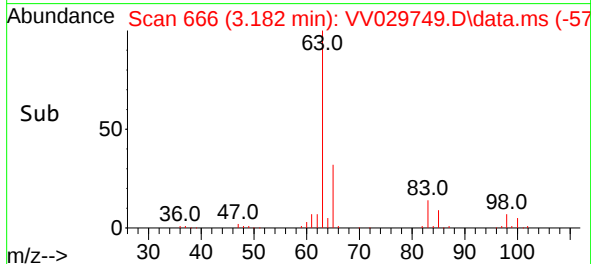
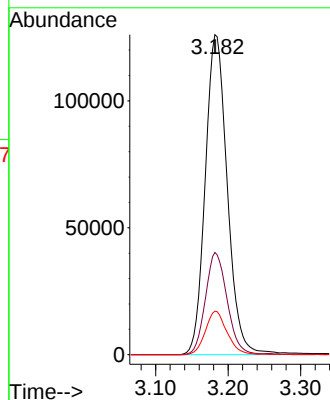
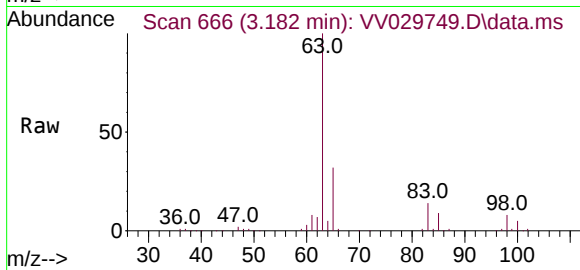
Tgt Ion: 63 Resp: 266134

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

83 13.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 44.720 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

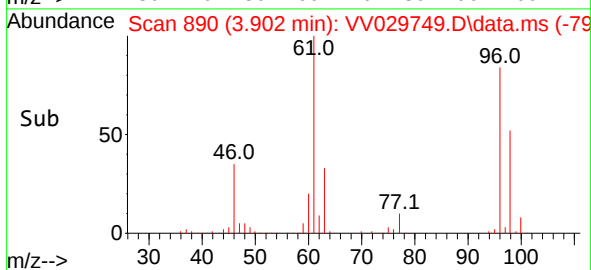
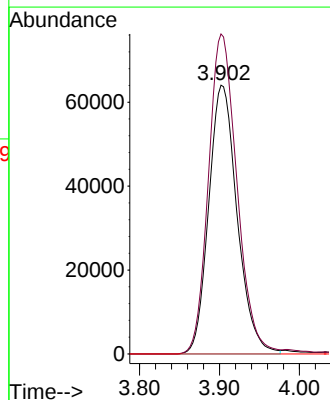
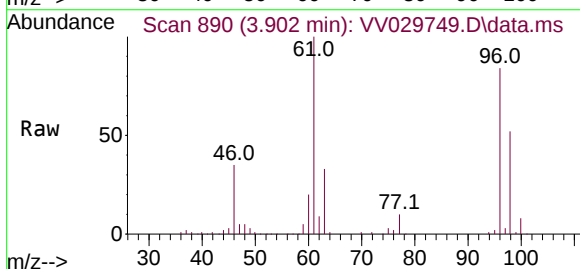
Tgt Ion: 96 Resp: 158152

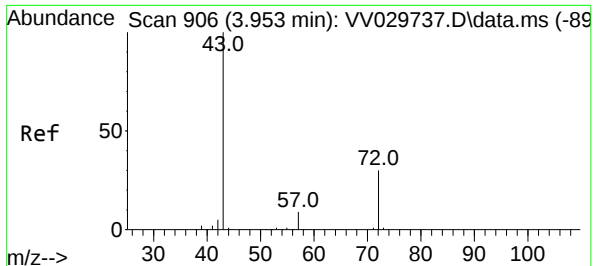
Ion Ratio Lower Upper

96 100

61 119.0 78.0 144.9

68 0.0 0.0 0.0

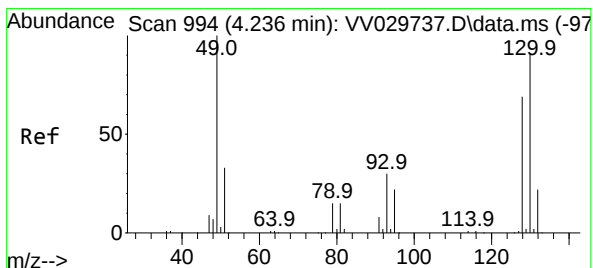
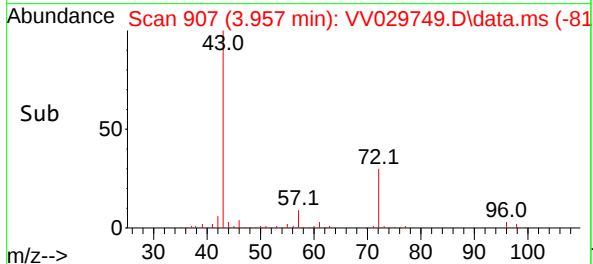
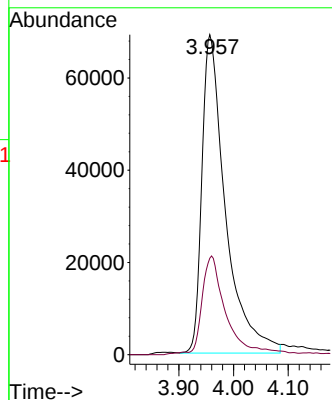
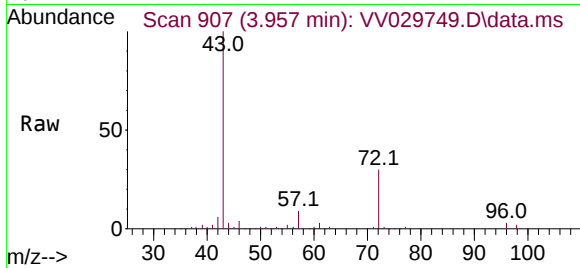




#22
2-Butanone
Concen: 102.019 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

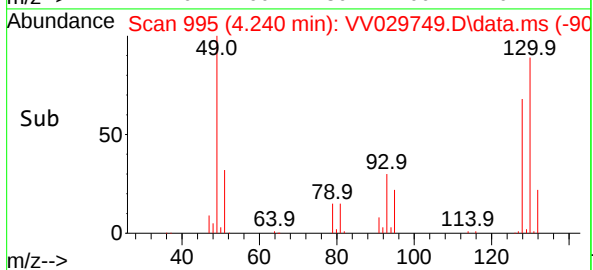
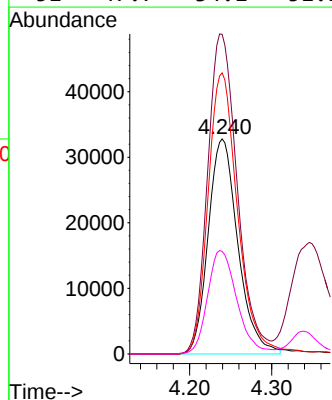
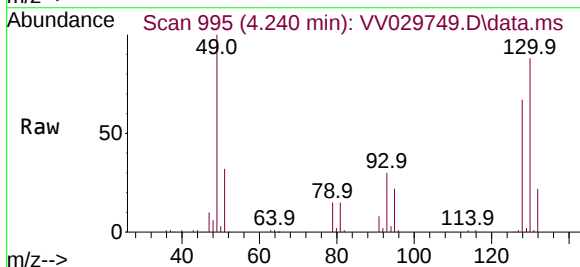
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

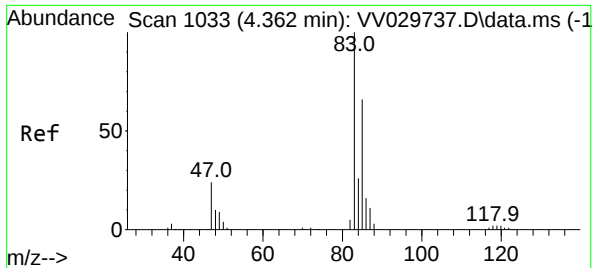
Tgt Ion: 43 Resp: 206279
Ion Ratio Lower Upper
43 100
72 27.6 15.9 47.6



#23
Bromochloromethane
Concen: 45.302 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion:128 Resp: 82497
Ion Ratio Lower Upper
128 100
49 148.6 92.2 171.2
130 130.7 88.3 164.1
51 47.7 34.1 51.1

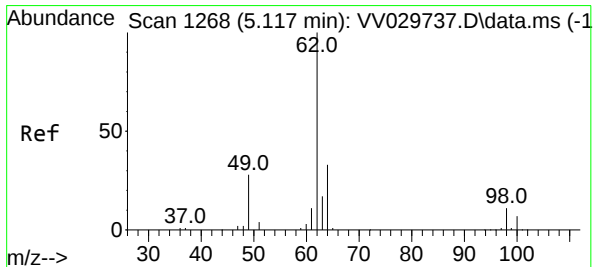
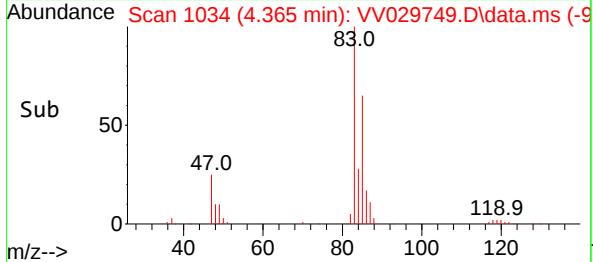
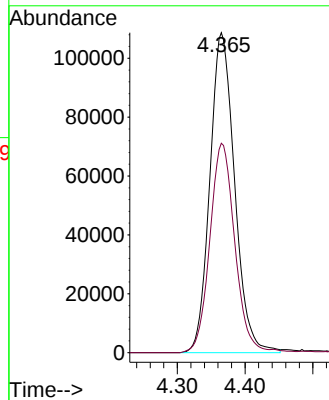
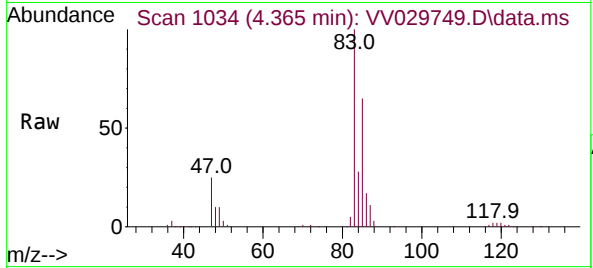




#25
Chloroform
Concen: 48.220 ug/L
RT: 4.365 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

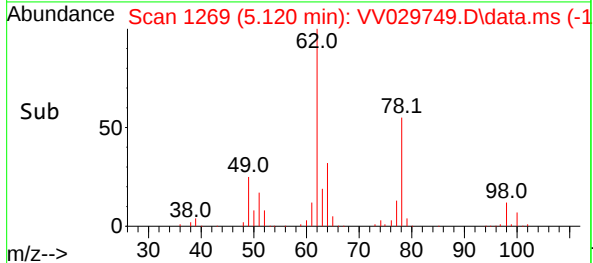
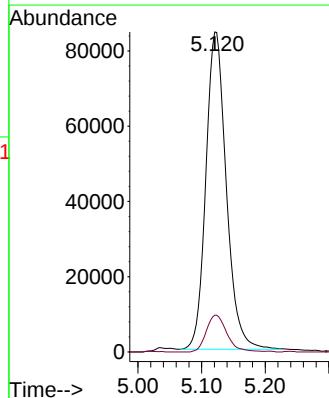
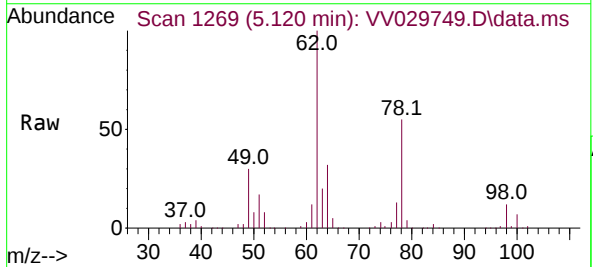
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

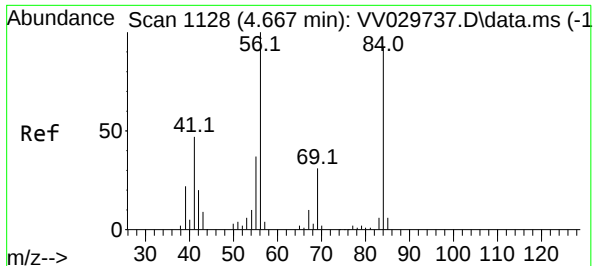
Tgt Ion: 83 Resp: 275424
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 46.672 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 62 Resp: 188316
Ion Ratio Lower Upper
62 100
98 11.5 9.4 14.0





#29

Cyclohexane

Concen: 43.055 ug/L

RT: 4.670 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MS

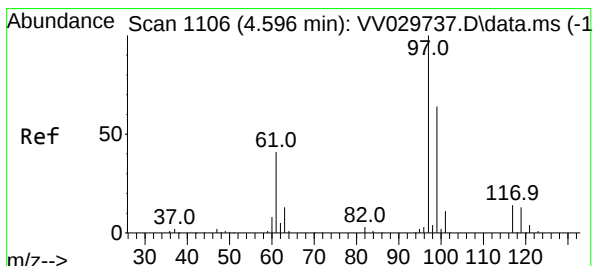
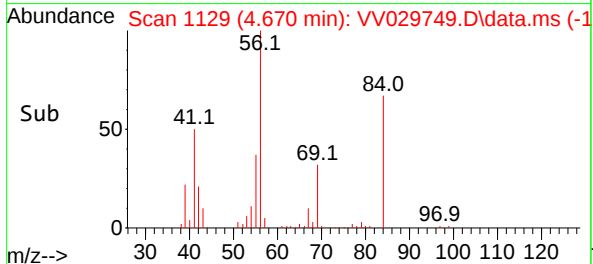
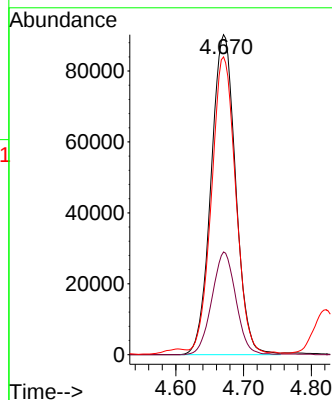
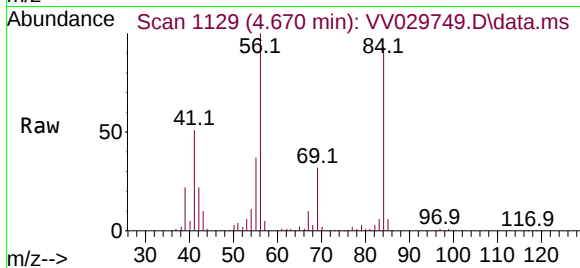
Tgt Ion: 56 Resp: 226991

Ion Ratio Lower Upper

56 100

69 31.2 25.8 38.8

84 90.6 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 43.854 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

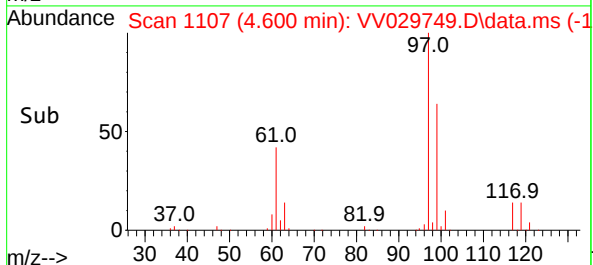
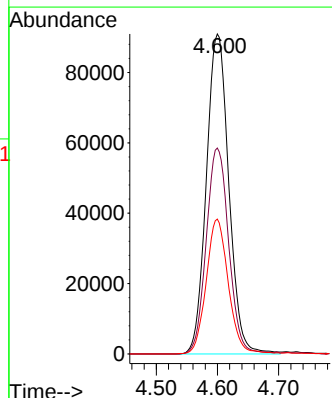
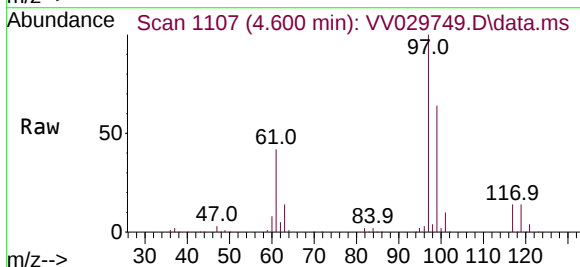
Tgt Ion: 97 Resp: 232530

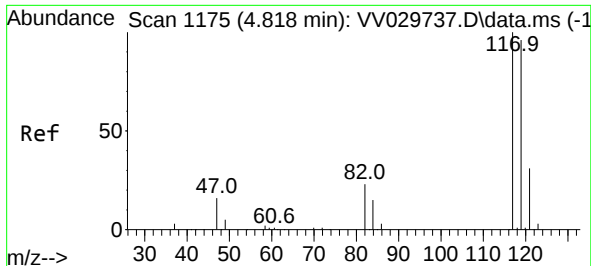
Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 41.5 31.8 47.8

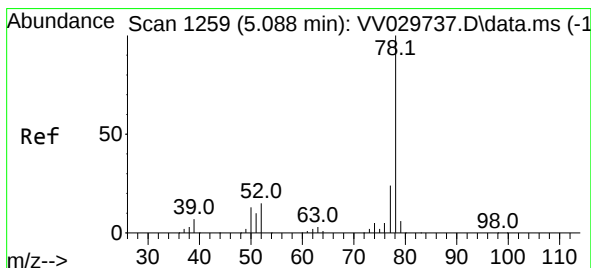
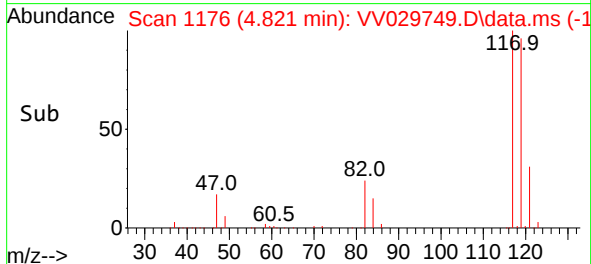
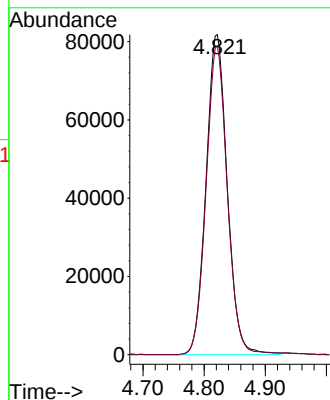
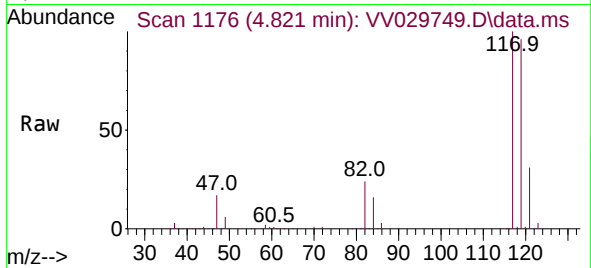




#31
Carbon tetrachloride
Concen: 42.652 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

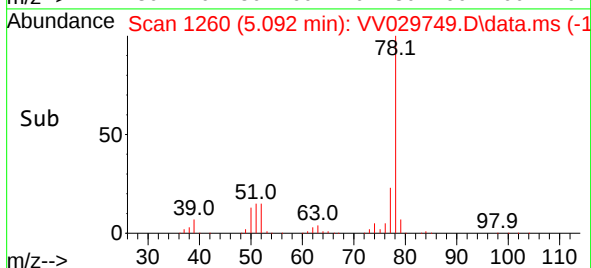
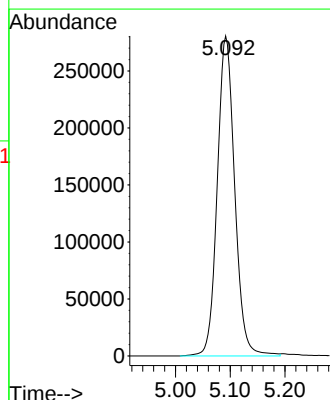
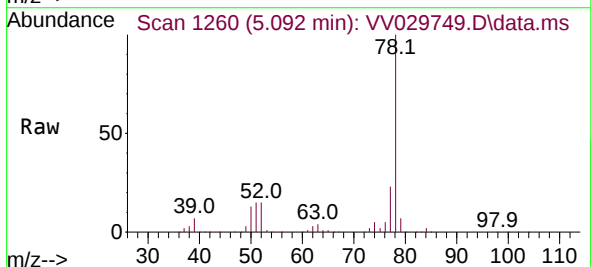
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

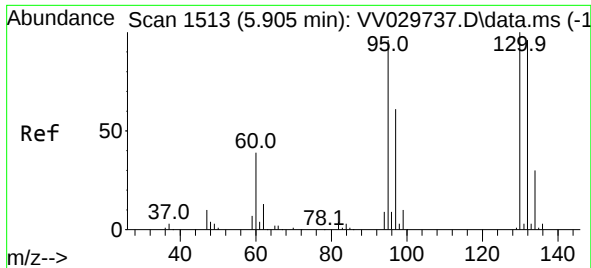
Tgt Ion:117 Resp: 197494
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1



#33
Benzene
Concen: 45.292 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 78 Resp: 621325

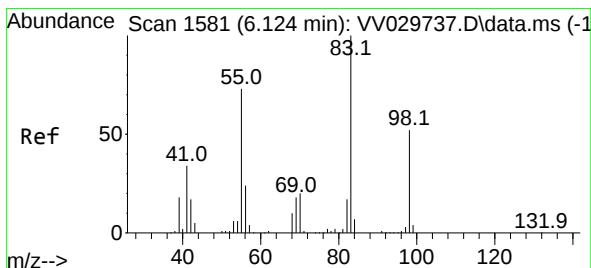
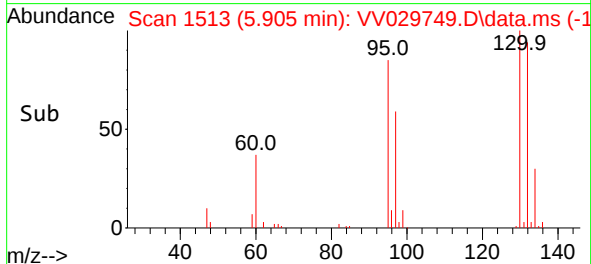
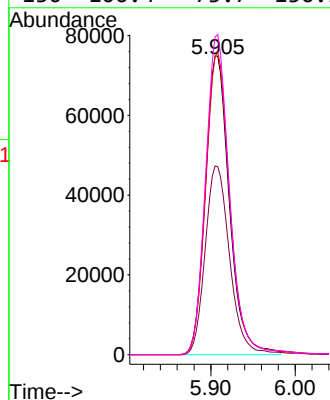
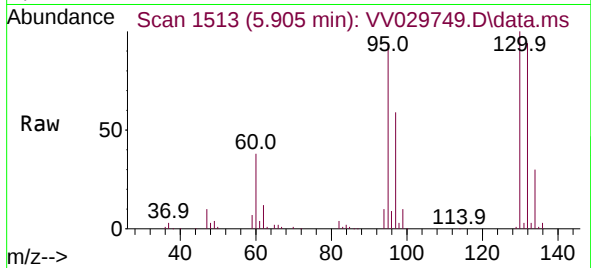




#34
Trichloroethene
Concen: 43.331 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

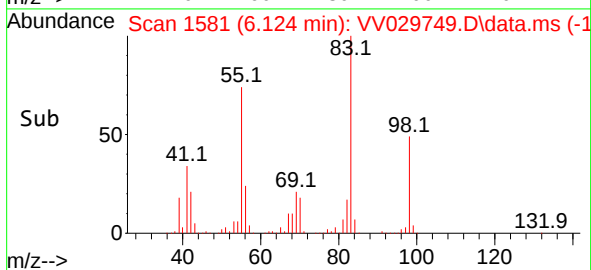
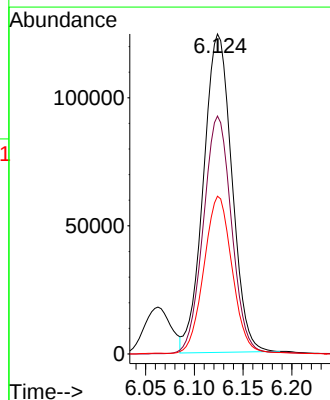
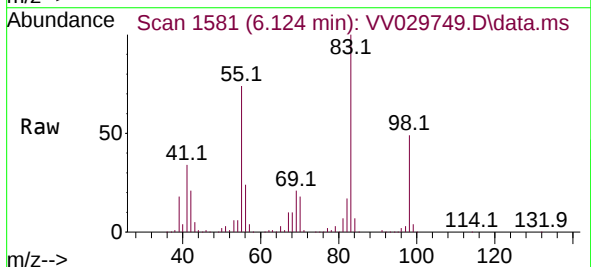
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

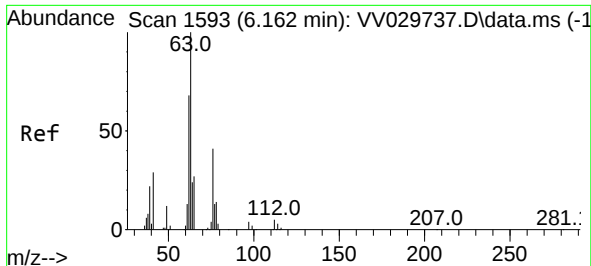
Tgt Ion: 95 Resp: 148955
Ion Ratio Lower Upper
95 100
97 63.2 44.0 81.8
132 99.7 69.9 129.9
130 106.4 73.7 136.9



#35
Methylcyclohexane
Concen: 43.258 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 83 Resp: 252559
Ion Ratio Lower Upper
83 100
55 74.4 55.5 83.3
98 49.7 39.8 59.8





#37

1,2-Dichloropropane

Concen: 49.032 ug/L

RT: 6.165 min Scan# 1593

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

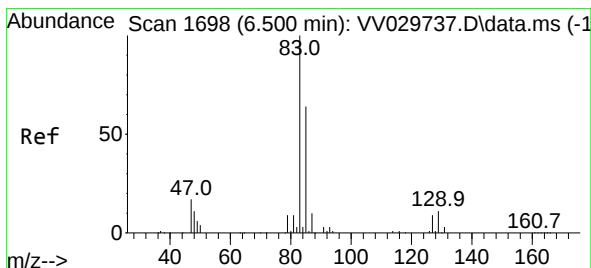
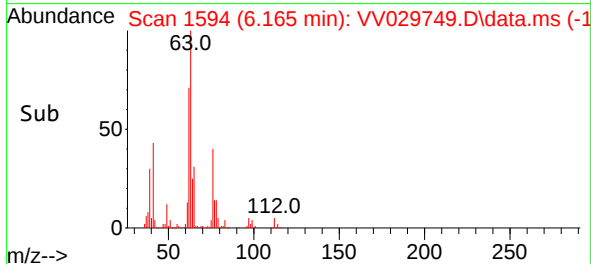
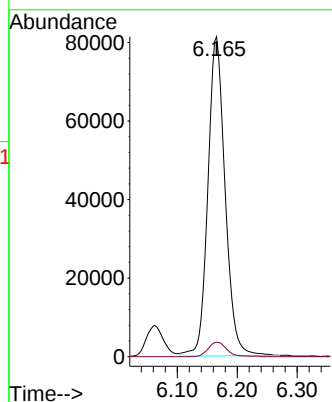
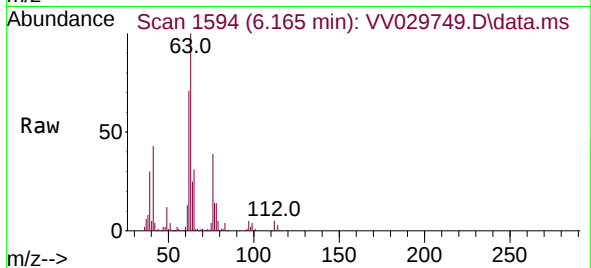
EXGJ0MS

Tgt Ion: 63 Resp: 162346

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 44.541 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

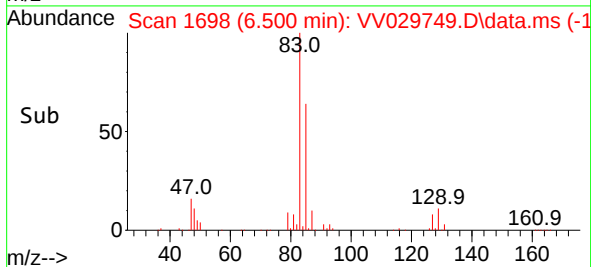
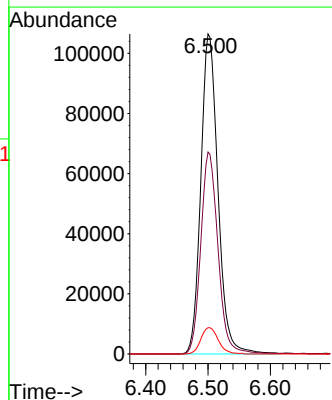
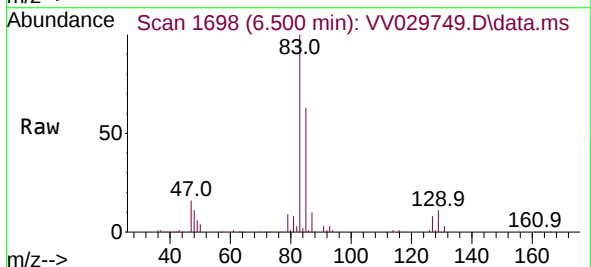
Tgt Ion: 83 Resp: 203585

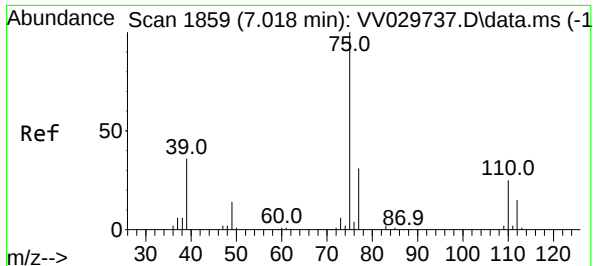
Ion Ratio Lower Upper

83 100

85 63.1 45.3 84.1

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 40.460 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

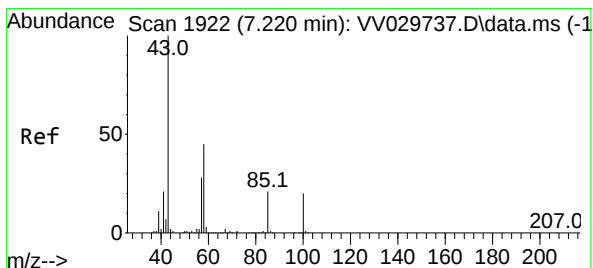
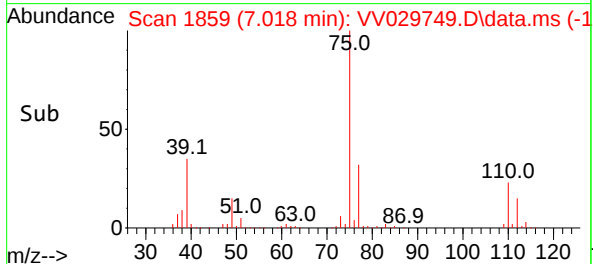
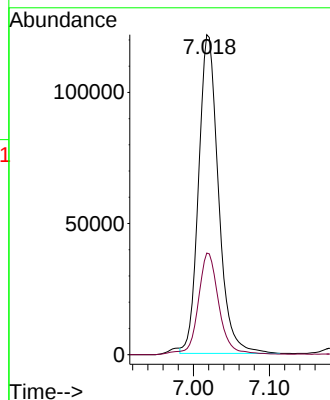
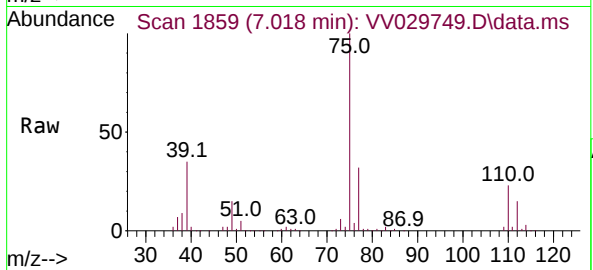
EXGJ0MS

Tgt Ion: 75 Resp: 220318

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 98.161 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

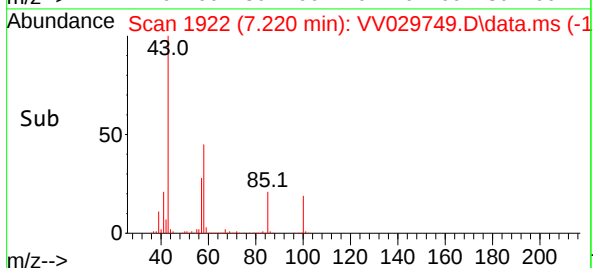
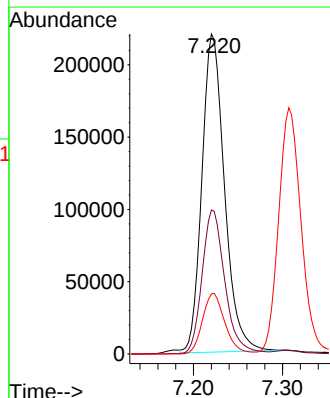
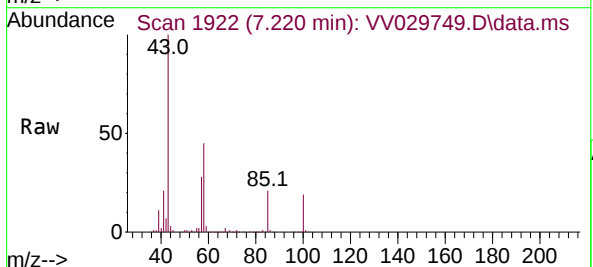
Tgt Ion: 43 Resp: 387512

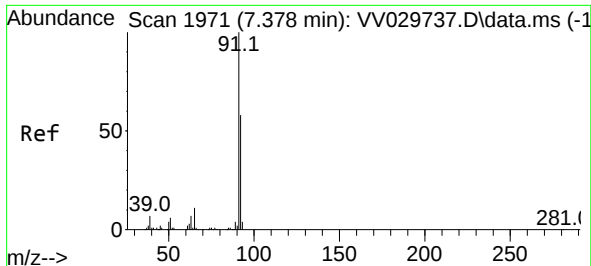
Ion Ratio Lower Upper

43 100

58 45.7 37.5 56.3

100 18.9 16.7 25.1





#42

Toluene

Concen: 44.923 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

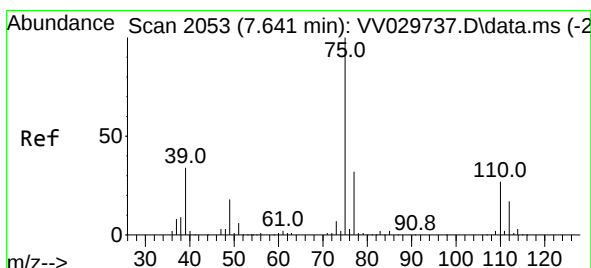
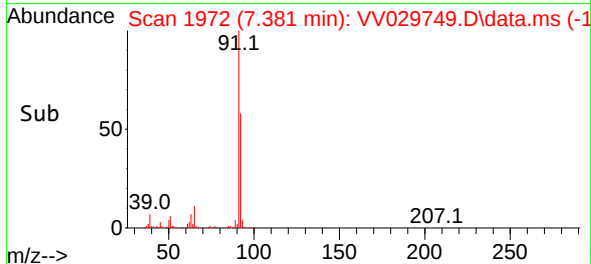
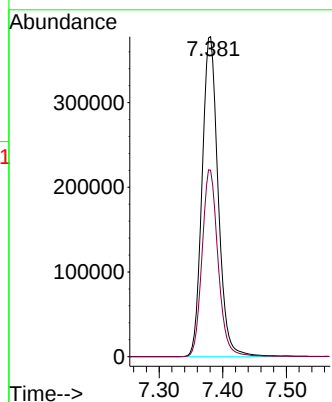
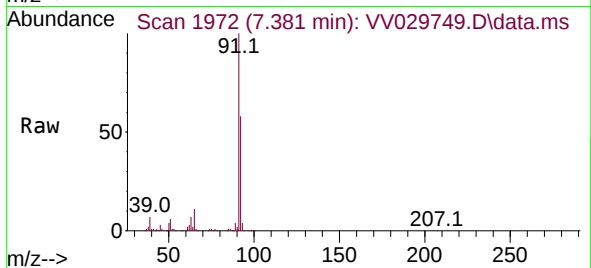
EXGJ0MS

Tgt Ion: 91 Resp: 663310

Ion Ratio Lower Upper

91 100

92 58.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 41.509 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029749.D

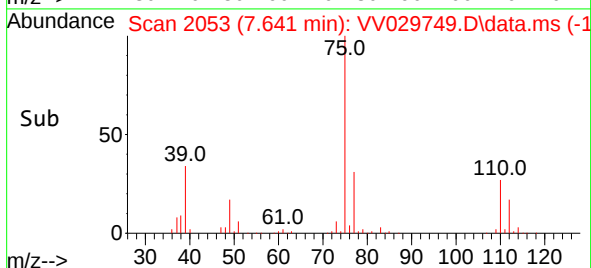
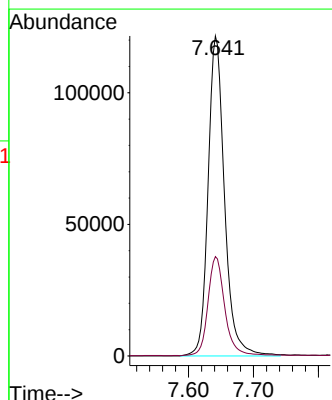
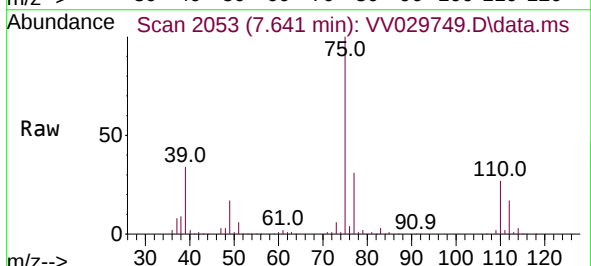
Acq: 20 Dec 2022 14:23

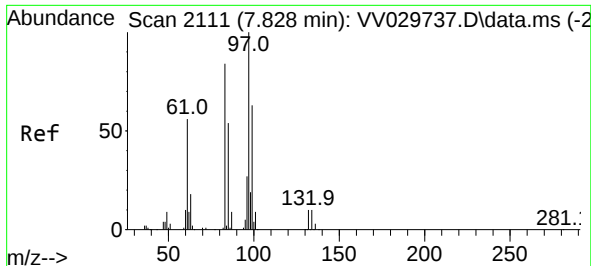
Tgt Ion: 75 Resp: 214057

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.5



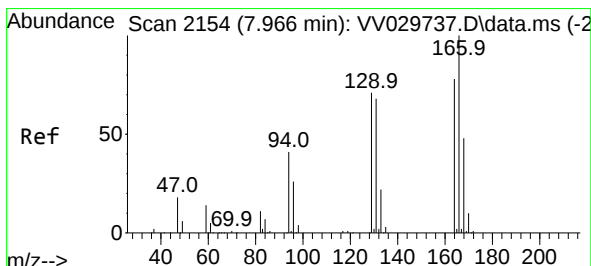
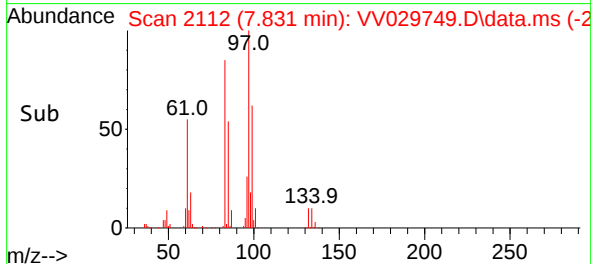
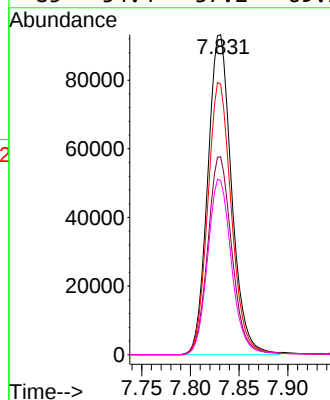
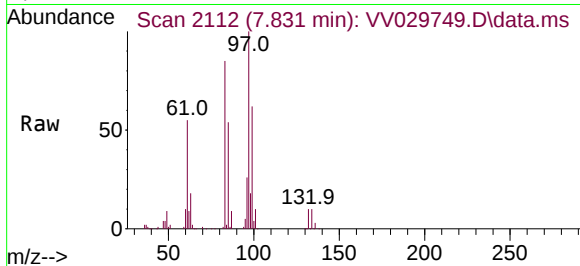


#45
1,1,2-Trichloroethane
Concen: 46.625 ug/L
RT: 7.831 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

Tgt Ion: 97 Resp: 159489

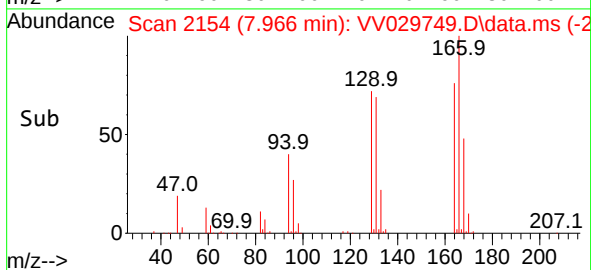
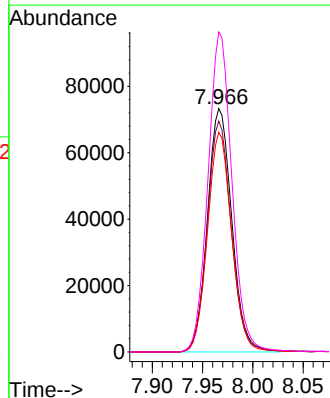
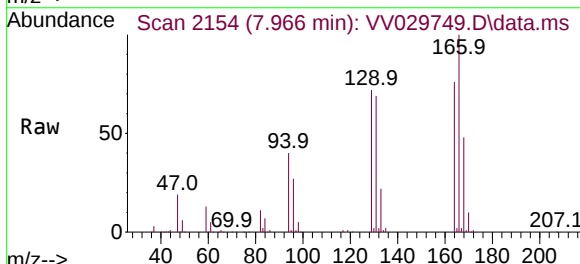
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	84.5	58.6	108.8
85	54.4	37.2	69.2

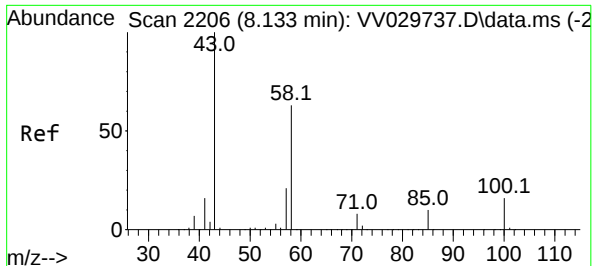


#46
Tetrachloroethene
Concen: 44.718 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 164 Resp: 123591

Ion	Ratio	Lower	Upper
164	100		
129	94.9	65.3	121.3
131	90.3	63.1	117.1
166	131.5	90.8	168.6

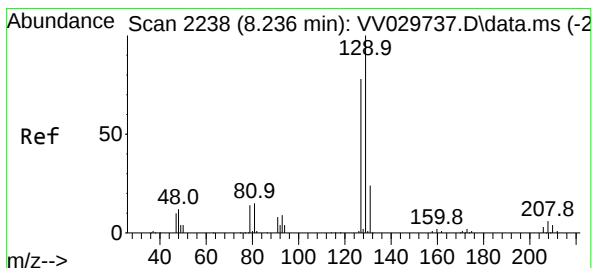
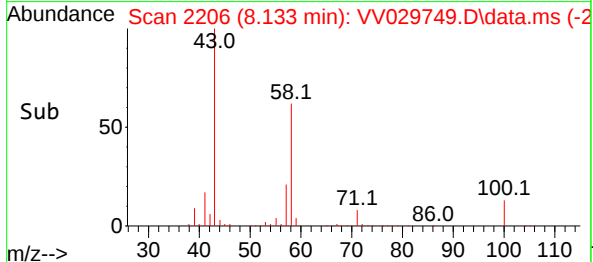
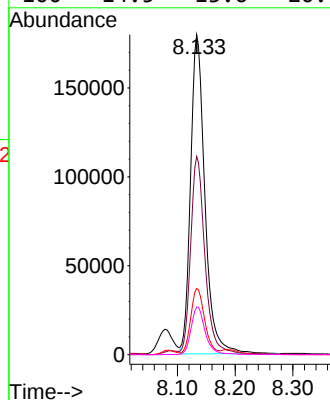
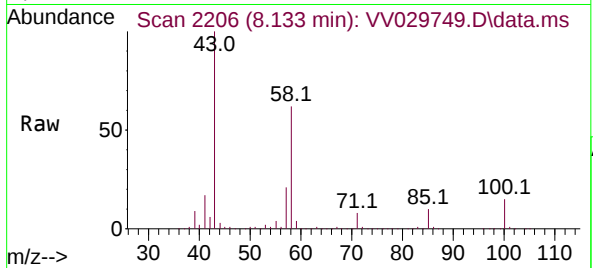




#48
2-Hexanone
Concen: 102.754 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

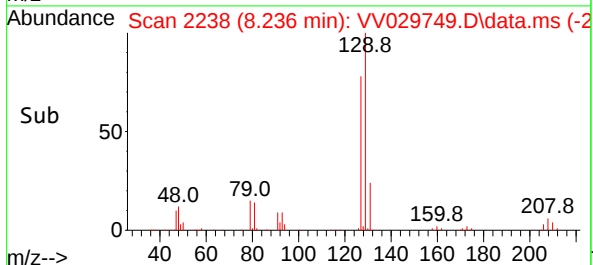
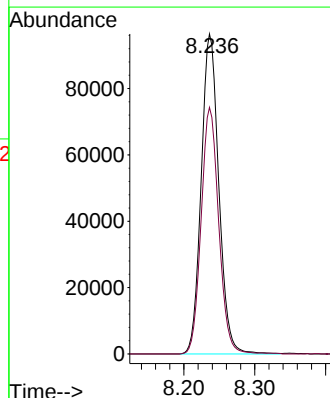
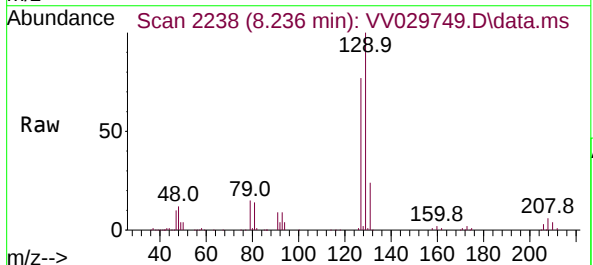
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

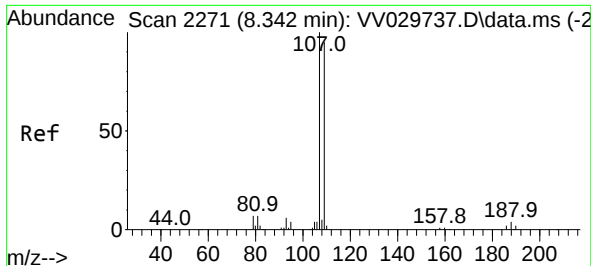
Tgt Ion: 43 Resp: 309915
Ion Ratio Lower Upper
43 100
58 61.7 54.1 81.1
57 20.3 17.4 26.0
100 14.5 13.6 20.4



#49
Dibromochloromethane
Concen: 44.046 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 129 Resp: 166347
Ion Ratio Lower Upper
129 100
127 77.0 55.2 102.4





#50

1,2-Dibromoethane

Concen: 44.851 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MS

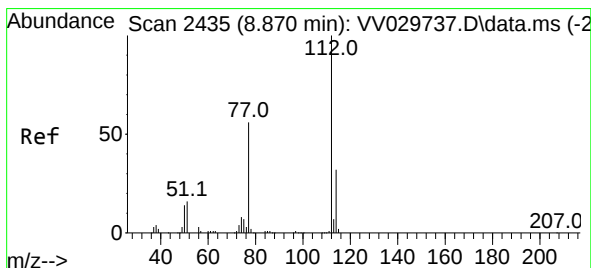
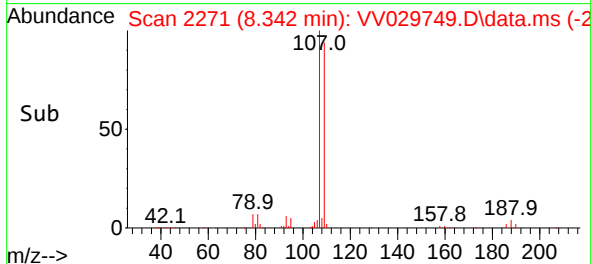
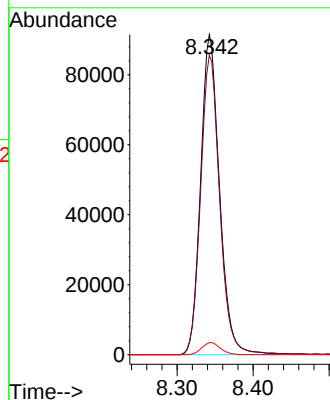
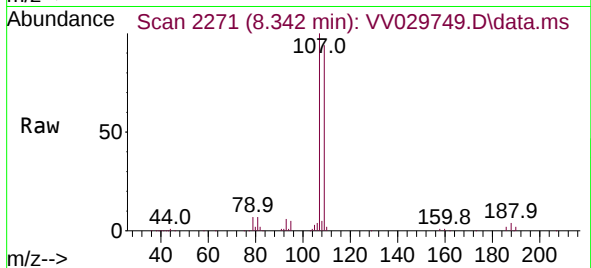
Tgt Ion:107 Resp: 158061

Ion Ratio Lower Upper

107 100

109 93.5 66.0 122.6

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 45.595 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

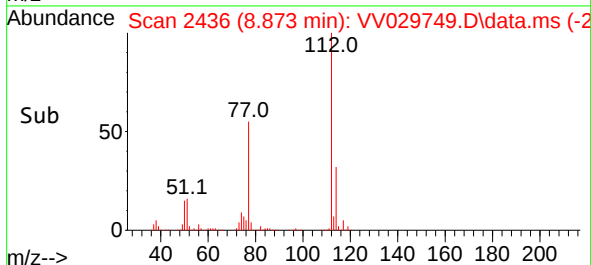
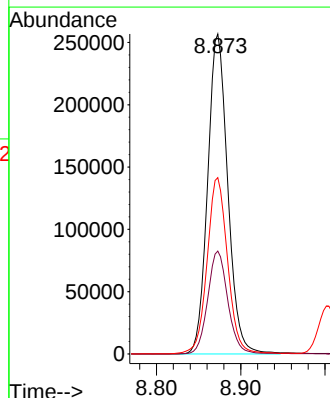
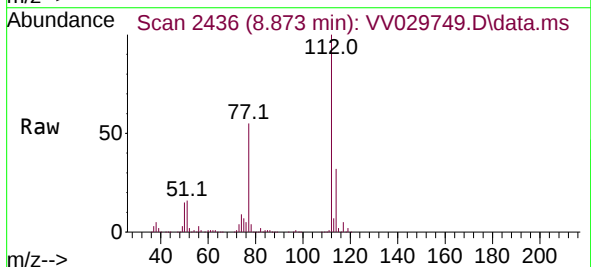
Tgt Ion:112 Resp: 426310

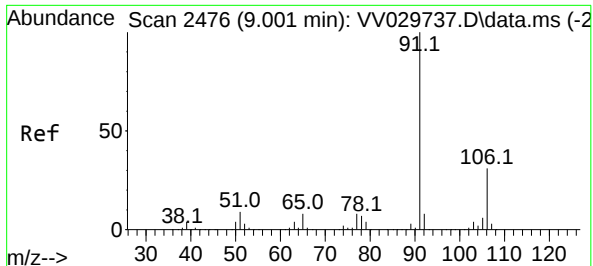
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.3

77 55.1 45.0 67.4





#52

Ethylbenzene

Concen: 45.248 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

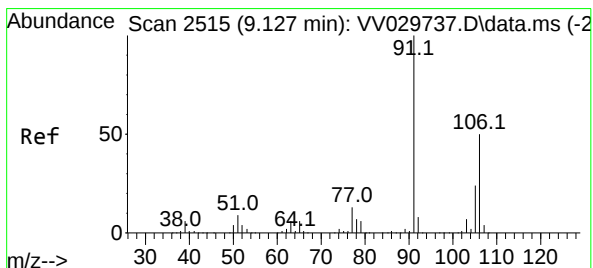
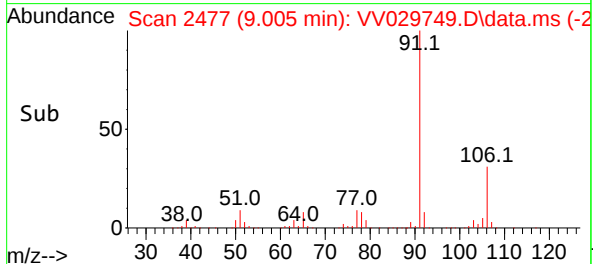
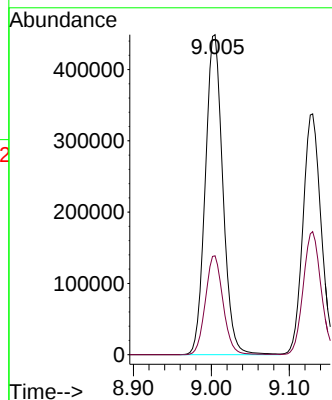
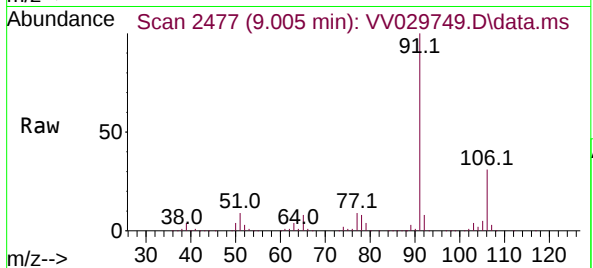
EXGJ0MS

Tgt Ion: 91 Resp: 702406

Ion Ratio Lower Upper

91 100

106 30.9 21.8 40.6



#53

m,p-Xylene

Concen: 45.107 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.003 min

Lab File: VV029749.D

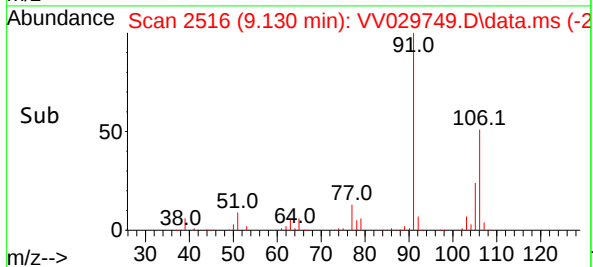
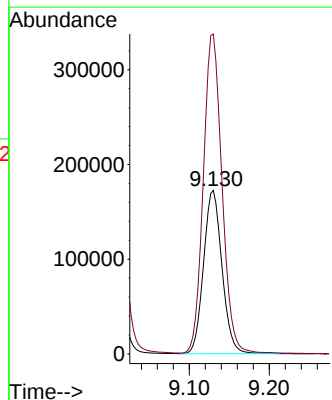
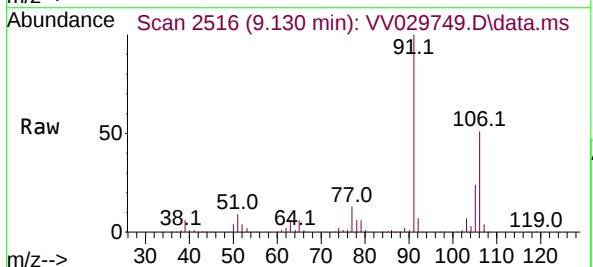
Acq: 20 Dec 2022 14:23

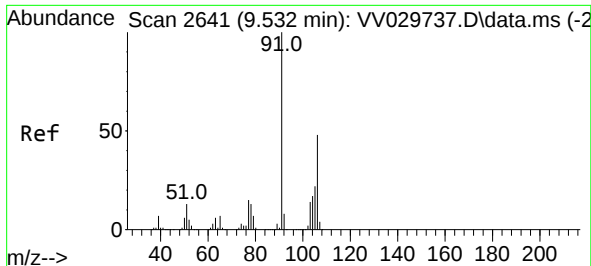
Tgt Ion: 106 Resp: 277142

Ion Ratio Lower Upper

106 100

91 195.8 139.5 259.1

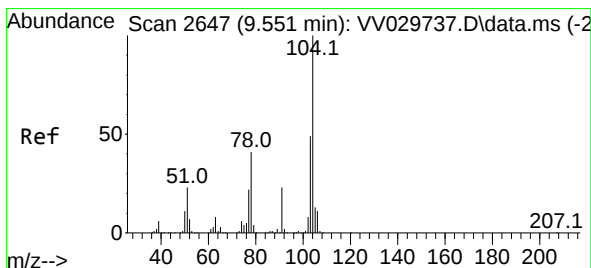
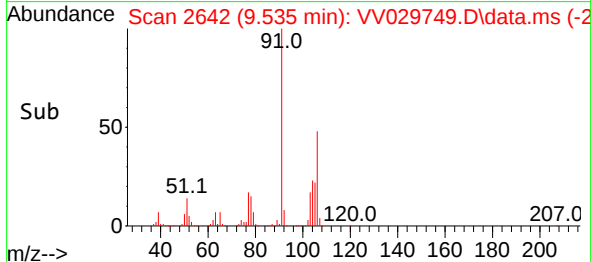
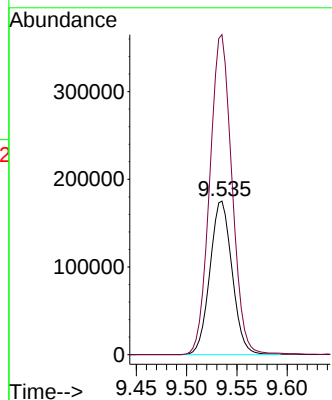
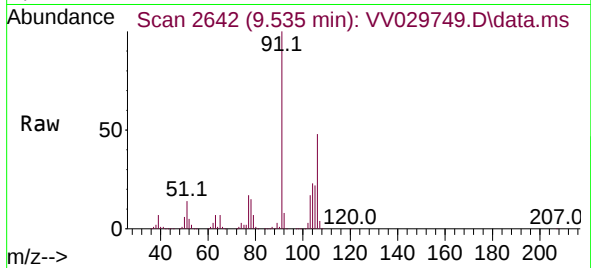




#54
o-Xylene
Concen: 44.284 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

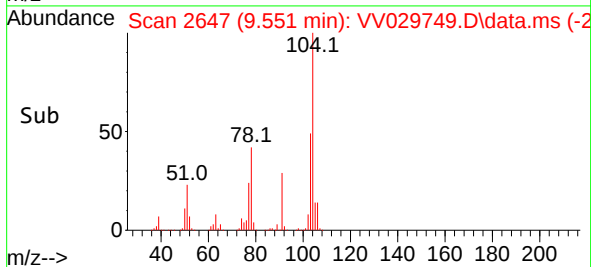
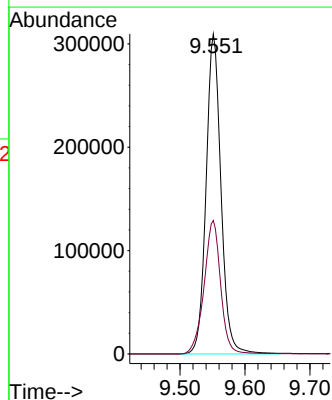
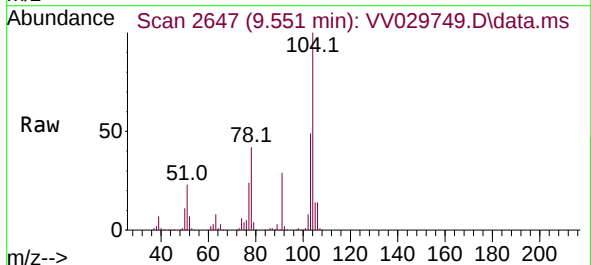
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

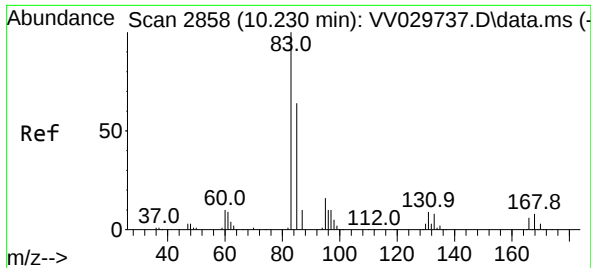
Tgt Ion:106 Resp: 269137
Ion Ratio Lower Upper
106 100
91 208.3 148.0 274.8



#55
Styrene
Concen: 46.856 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion:104 Resp: 494879
Ion Ratio Lower Upper
104 100
78 41.7 29.4 54.6

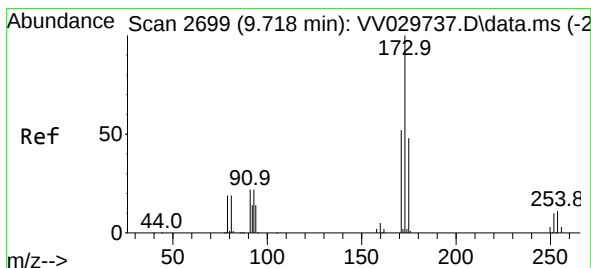
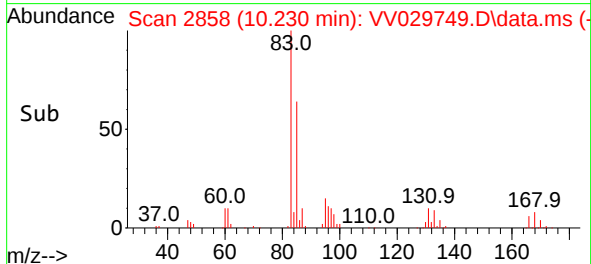
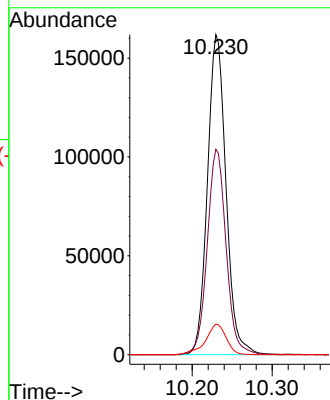
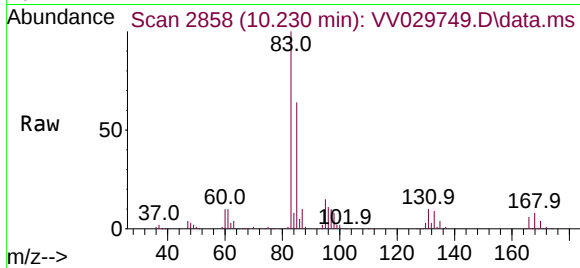




#57
 1,1,2,2-Tetrachloroethane
 Concen: 47.732 ug/L
 RT: 10.230 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029749.D
 Acq: 20 Dec 2022 14:23

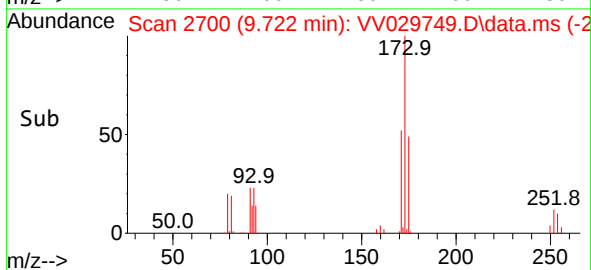
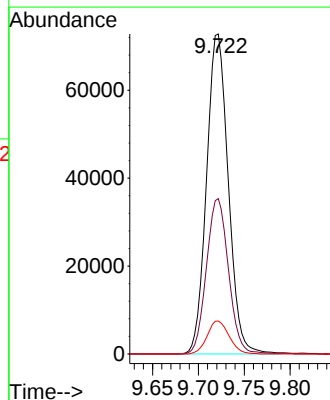
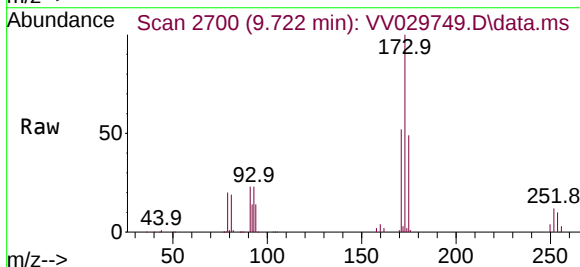
Instrument :
 MSVOA_V
 ClientSampleId :
 EXGJ0MS

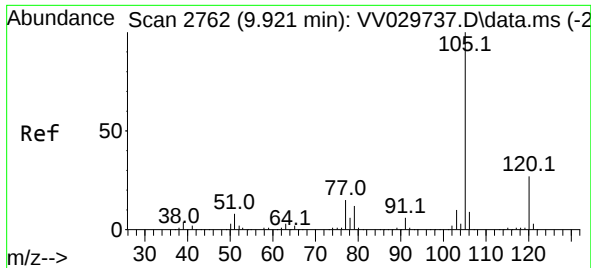
Tgt Ion: 83 Resp: 261183
 Ion Ratio Lower Upper
 83 100
 85 64.2 45.7 84.9
 131 9.6 7.9 11.9



#59
 Bromoform
 Concen: 38.823 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. 0.003 min
 Lab File: VV029749.D
 Acq: 20 Dec 2022 14:23

Tgt Ion: 173 Resp: 120207
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.4 57.6
 254 10.4 7.8 11.8

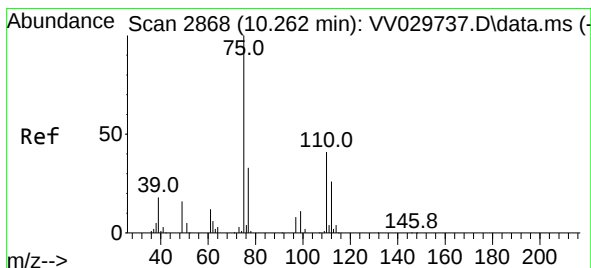
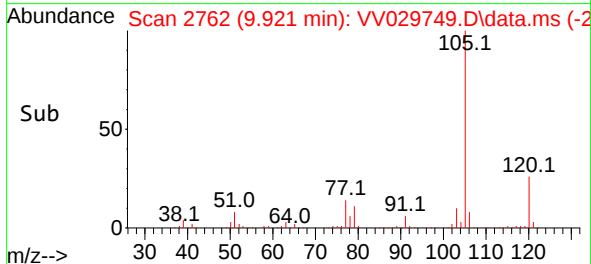
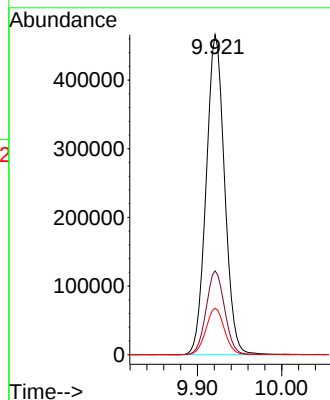
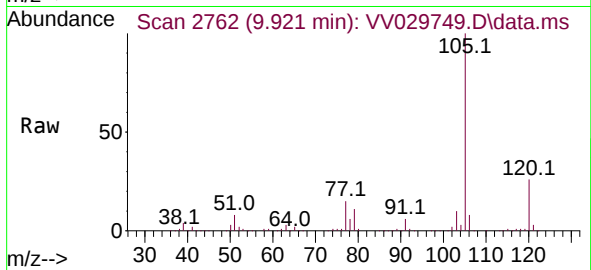




#60
Isopropylbenzene
Concen: 43.030 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

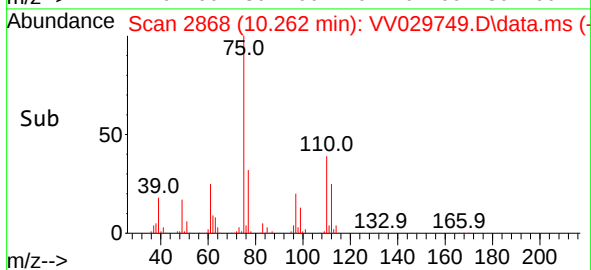
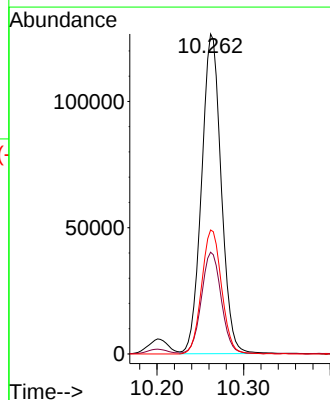
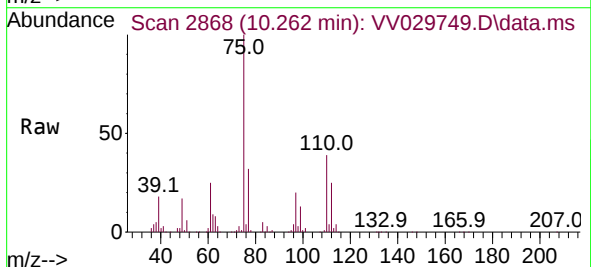
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

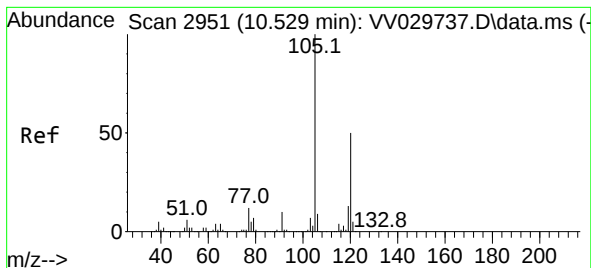
Tgt Ion:105 Resp: 708129
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 45.948 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 75 Resp: 198796
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 39.5 32.7 49.1

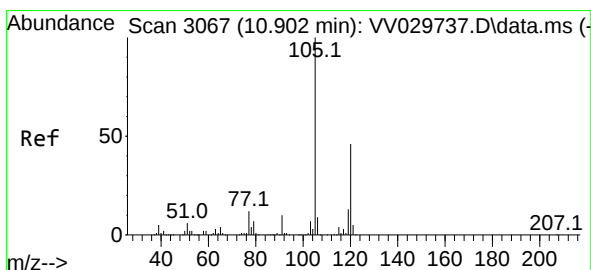
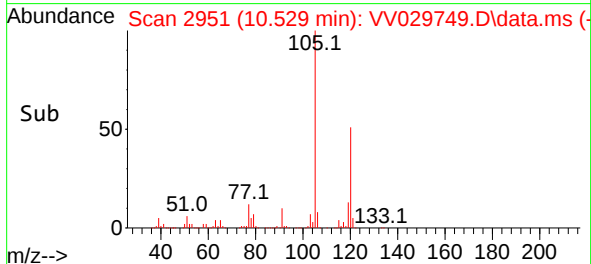
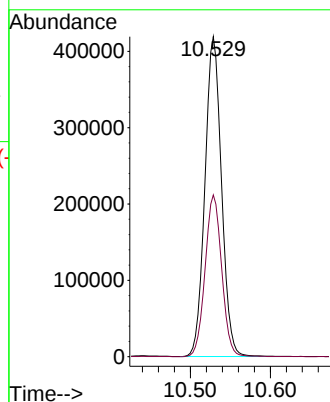
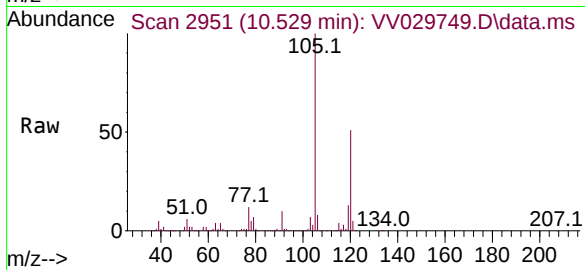




#62
1,3,5-Trimethylbenzene
Concen: 41.655 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

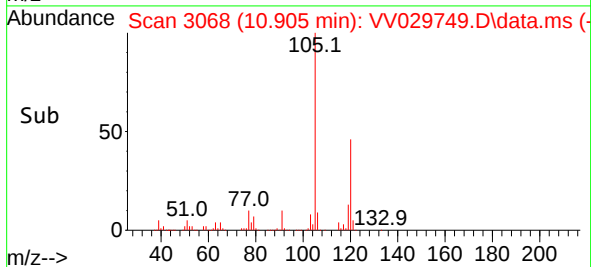
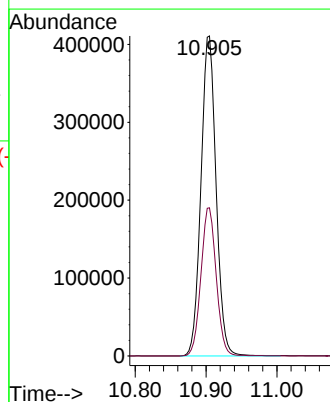
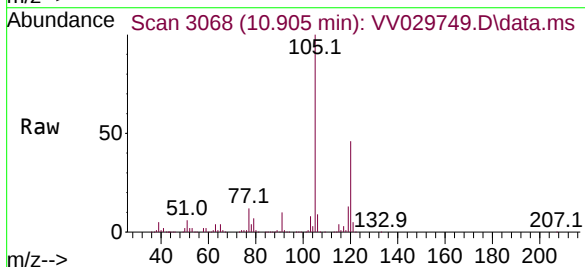
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

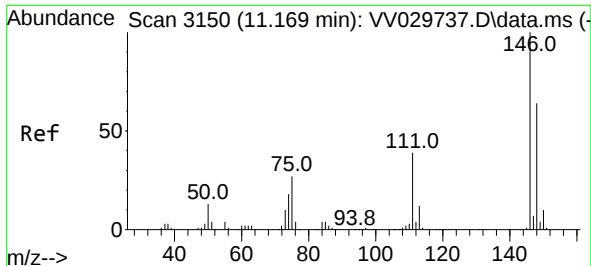
Tgt Ion:105 Resp: 606106
Ion Ratio Lower Upper
105 100
120 50.6 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 42.217 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion:105 Resp: 608916
Ion Ratio Lower Upper
105 100
120 46.8 36.7 55.1

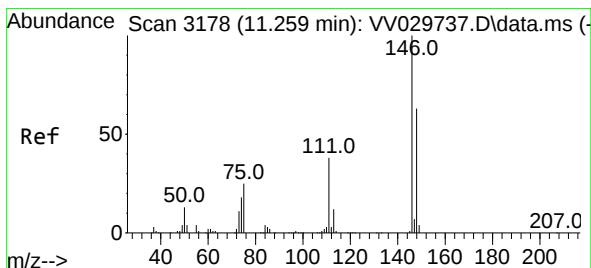
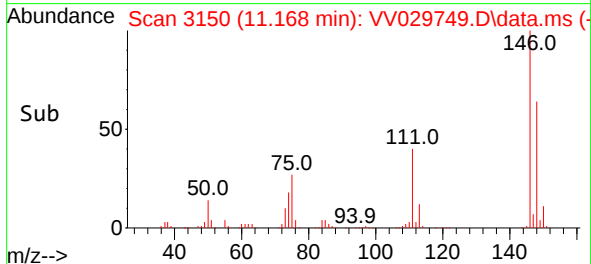
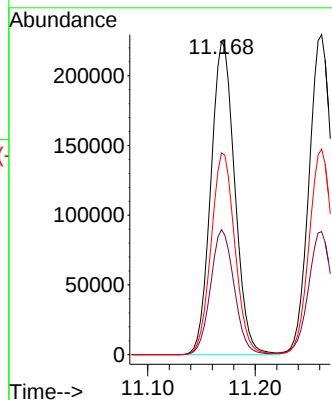
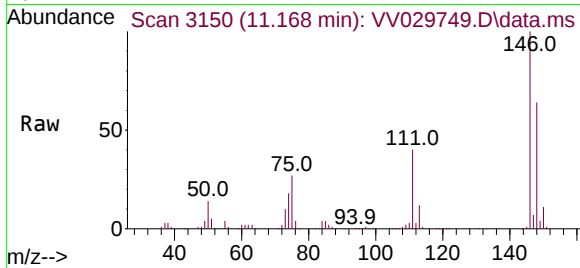




#64
1,3-Dichlorobenzene
Concen: 43.160 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

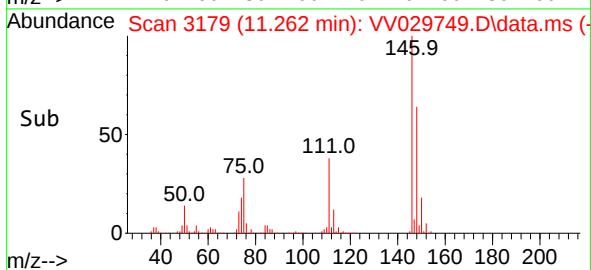
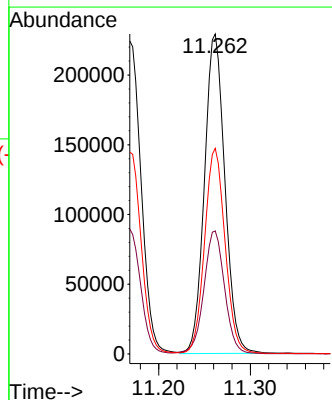
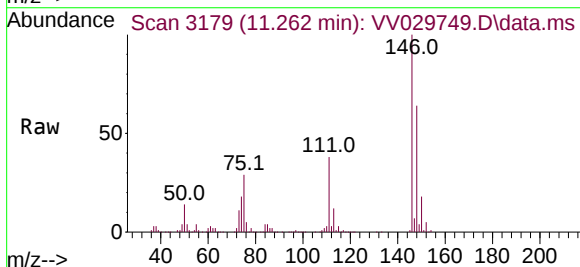
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

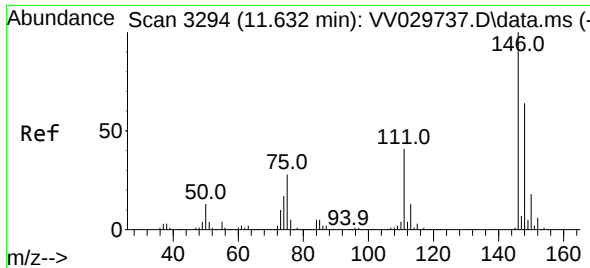
Tgt Ion:146 Resp: 347284
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 64.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 43.268 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion:146 Resp: 353825
Ion Ratio Lower Upper
146 100
111 38.5 26.2 48.8
148 64.2 44.7 83.1

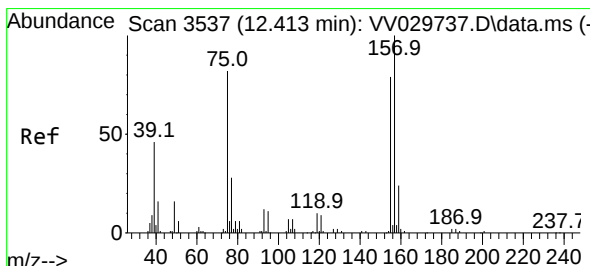
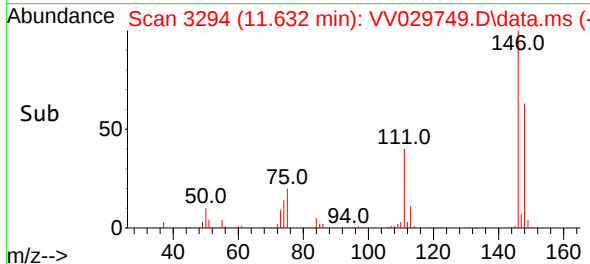
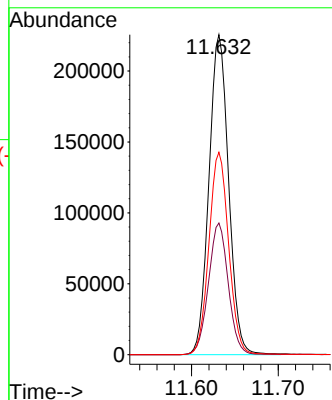
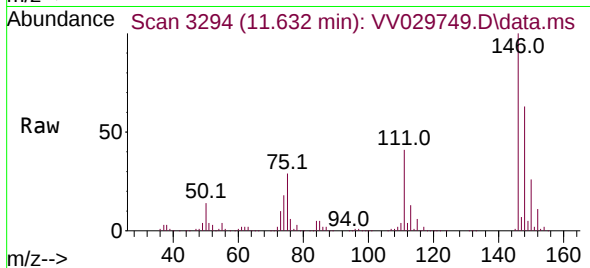




#67
1,2-Dichlorobenzene
Concen: 43.267 ug/L
RT: 11.632 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

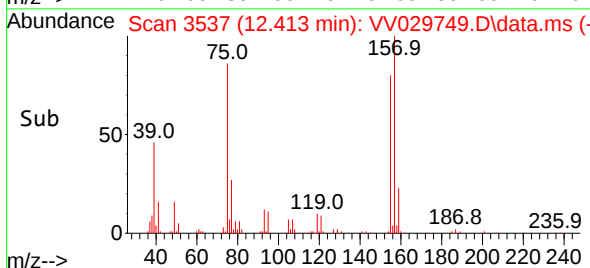
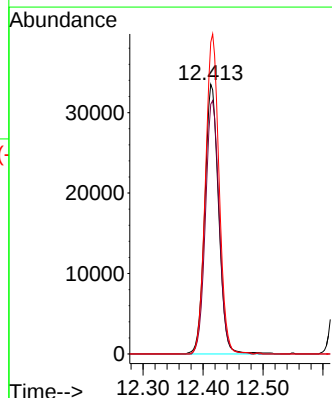
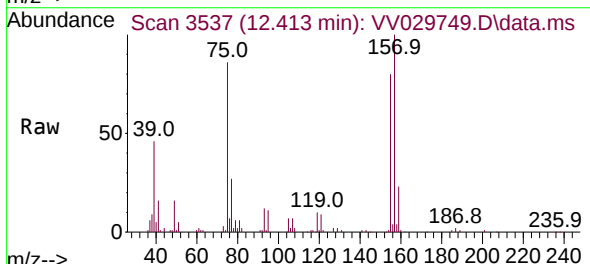
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MS

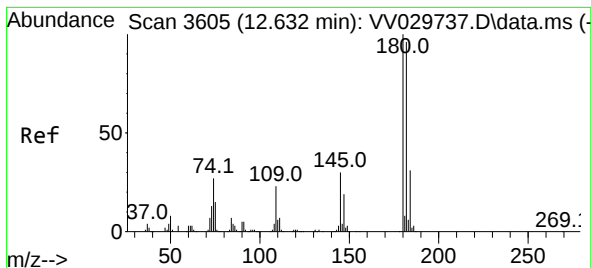
Tgt Ion:146 Resp: 356010
Ion Ratio Lower Upper
146 100
111 41.1 32.0 48.0
148 63.2 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 40.275 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VV029749.D
Acq: 20 Dec 2022 14:23

Tgt Ion: 75 Resp: 54158
Ion Ratio Lower Upper
75 100
155 92.7 76.2 114.2
157 115.7 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 41.763 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MS

Tgt Ion:180 Resp: 267429

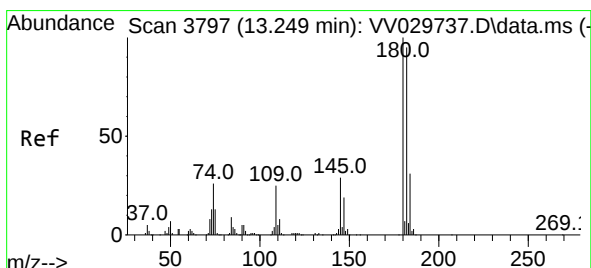
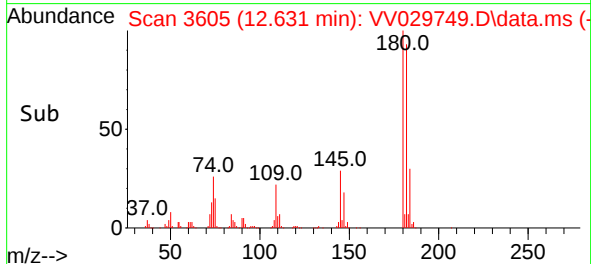
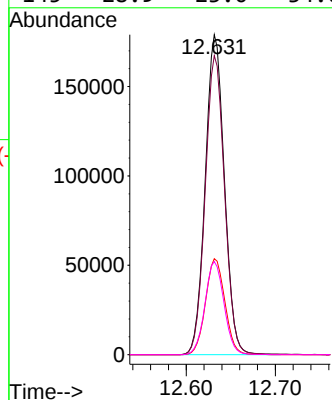
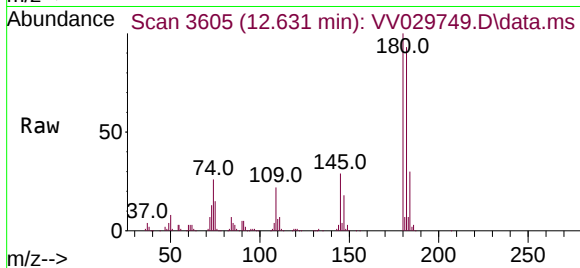
Ion Ratio Lower Upper

180 100

182 94.3 76.5 114.7

184 30.3 24.6 36.8

145 28.9 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 40.129 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

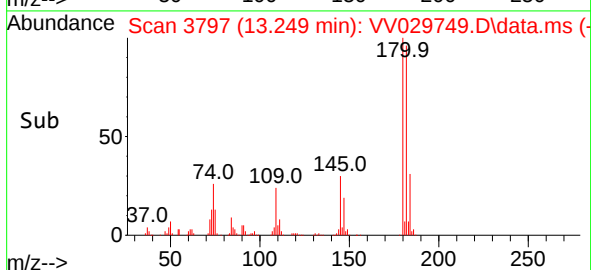
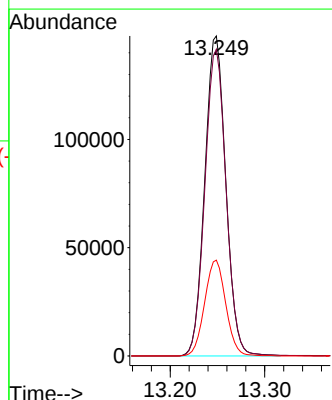
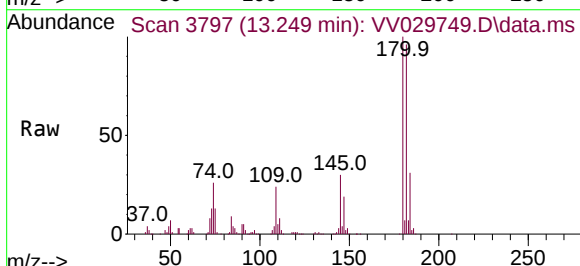
Tgt Ion:180 Resp: 228502

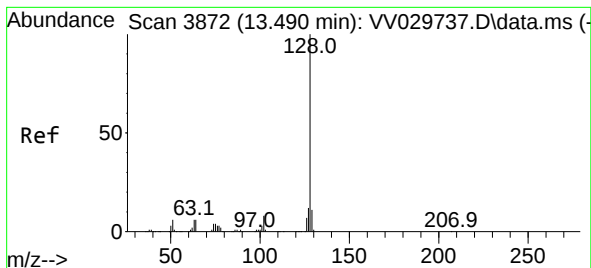
Ion Ratio Lower Upper

180 100

182 96.4 76.3 114.5

145 30.1 23.7 35.5





#71

Naphthalene

Concen: 46.976 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MS

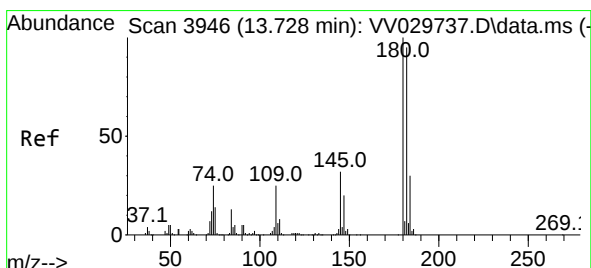
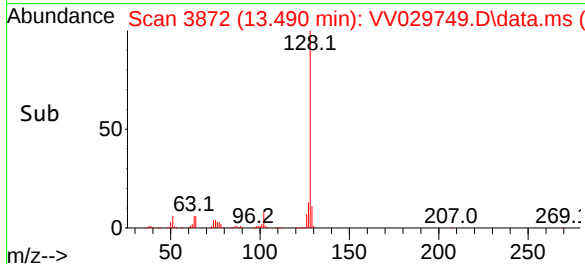
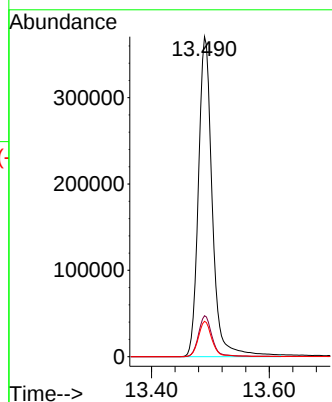
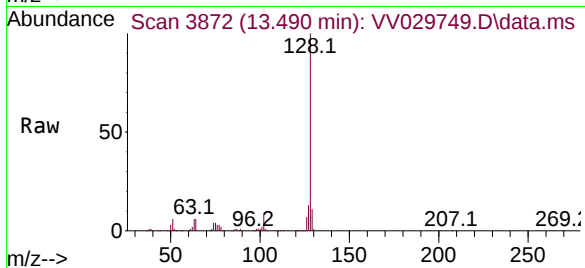
Tgt Ion:128 Resp: 606744

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 42.826 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.003 min

Lab File: VV029749.D

Acq: 20 Dec 2022 14:23

Tgt Ion:180 Resp: 238853

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 31.7 25.0 37.6

