

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024569.D
 Acq On : 10 Feb 2022 13:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:50:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48301	4.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	42256	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.111	63	111573	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.905	46	66576	37.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.300%
24) Chloroform-d	4.346	84	91490	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.031	65	41670	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.047	84	178092	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	52616	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.313	98	165885	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.622	79	22113	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.088	63	81604	50.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32425	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51393	4.823	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	85441	5.117	ug/L	100
3) Chloromethane	1.240	50	80183	4.881	ug/L	97
5) Vinyl chloride	1.311	62	86609	4.895	ug/L	99
6) Bromomethane	1.523	94	53246	4.889	ug/L	100
8) Chloroethane	1.584	64	54113	4.993	ug/L	98
9) Trichlorofluoromethane	1.754	101	121587	5.085	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	68469	5.136	ug/L #	86
12) 1,1-Dichloroethene	2.118	96	64981	4.939	ug/L	91
13) Acetone	2.201	43	44494	31.888	ug/L	96
14) Carbon disulfide	2.294	76	196324	4.695	ug/L	100
15) Methyl Acetate	2.442	43	14398	3.608	ug/L	100
16) Methylene chloride	2.507	84	59595	4.572	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	131973	4.868	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	63281	4.896	ug/L	95
19) 1,1-Dichloroethane	3.188	63	111730	5.006	ug/L	99
21) 2-Butanone	3.989	43	81309	35.161	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	65229	5.006	ug/L	93
23) Bromochloromethane	4.243	128	25421	5.137	ug/L	87
25) Chloroform	4.371	83	115945	4.963	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024569.D
 Acq On : 10 Feb 2022 13:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:50:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

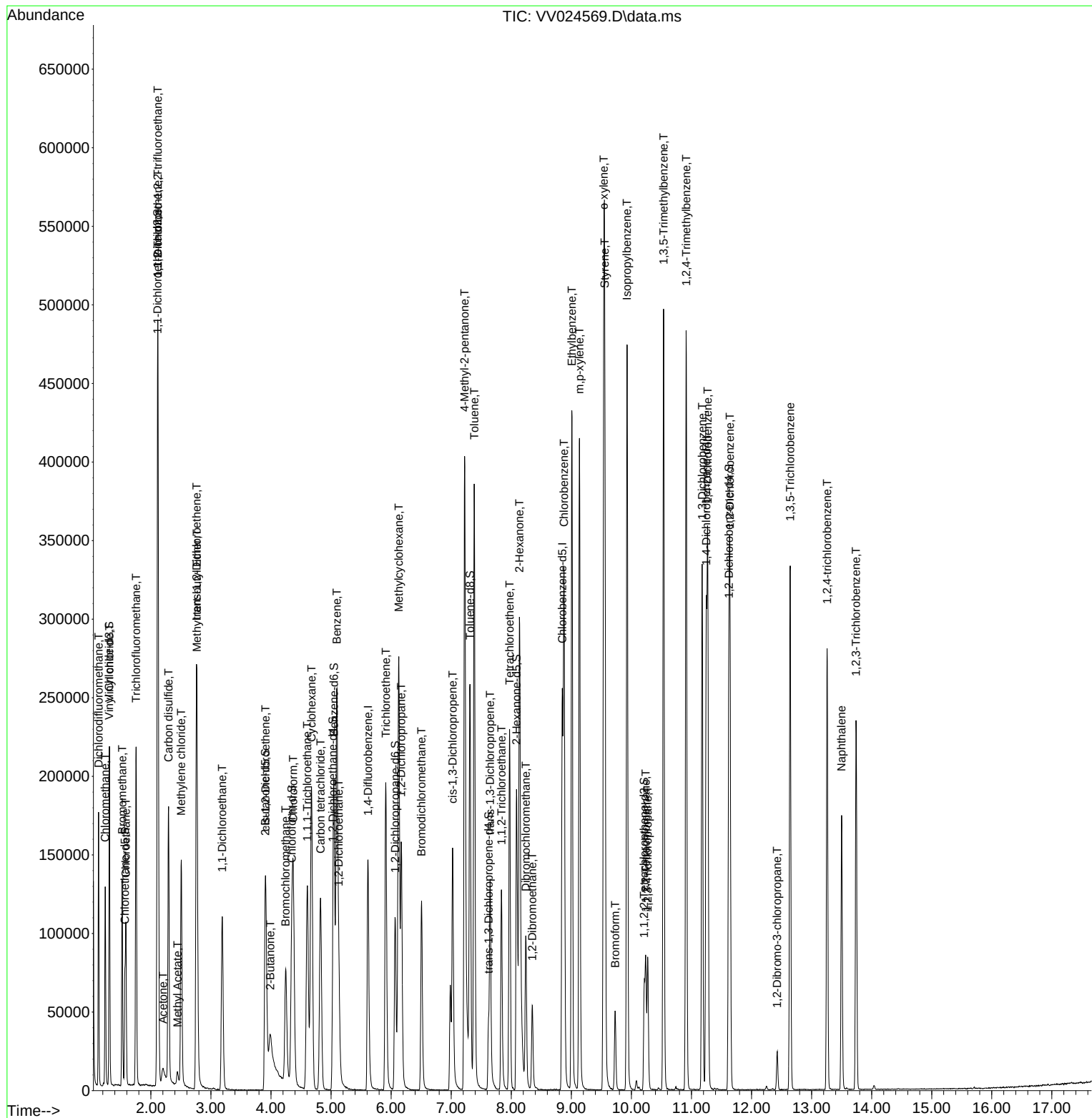
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	65434	5.108	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	106205	4.991	ug/L	97
30) Cyclohexane	4.674	56	110179	5.026	ug/L	96
31) Carbon tetrachloride	4.825	117	90535	5.023	ug/L	100
33) Benzene	5.095	78	257050	5.077	ug/L	100
34) Trichloroethene	5.912	95	70167	5.033	ug/L	89
35) Methylcyclohexane	6.127	83	117512	5.095	ug/L	98
37) 1,2-Dichloropropane	6.169	63	61640	5.023	ug/L	97
38) Bromodichloromethane	6.506	83	79703	4.887	ug/L #	95
39) cis-1,3-Dichloropropene	7.024	75	95348	5.099	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	318468	50.291	ug/L	98
42) Toluene	7.384	91	274930	4.985	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	76660	4.963	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	39734	4.997	ug/L	94
47) Tetrachloroethene	7.973	164	45408	4.910	ug/L	90
48) 2-Hexanone	8.137	43	223524	51.565	ug/L	99
49) Dibromochloromethane	8.243	129	48086	5.007	ug/L	100
50) 1,2-Dibromoethane	8.349	107	37230	4.988	ug/L #	98
51) Chlorobenzene	8.879	112	167226	4.948	ug/L	93
52) Ethylbenzene	9.008	91	304949	4.969	ug/L	97
53) m,p-xylene	9.137	106	113901	4.900	ug/L	96
54) o-xylene	9.542	106	110972	4.951	ug/L	93
55) Styrene	9.558	104	183598	4.990	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40361	5.011	ug/L	96
59) Bromoform	9.731	173	21198	5.018	ug/L #	99
60) Isopropylbenzene	9.928	105	303108	5.055	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	33728	5.175	ug/L	94
62) 1,3,5-Trimethylbenzene	10.535	105	258776	5.040	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	256710	5.029	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	123219	5.048	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	122548	5.055	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	108507	5.008	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6923	5.469	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.644	180	87590	5.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	72315	5.157	ug/L	97
71) Naphthalene	13.500	128	128585	5.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60737	5.150	ug/L	98

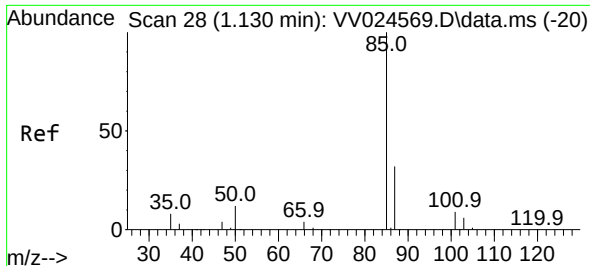
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
 Data File : VV024569.D
 Acq On : 10 Feb 2022 13:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:50:37 2022
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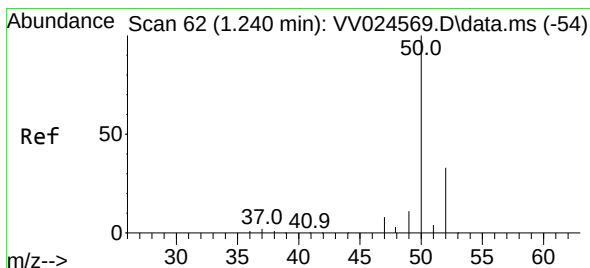
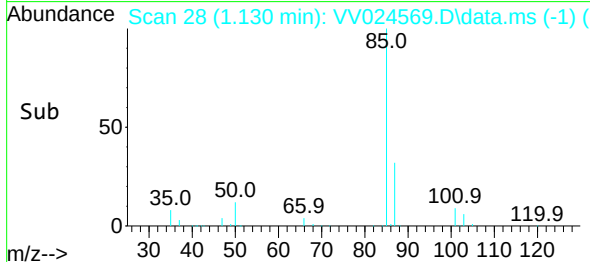
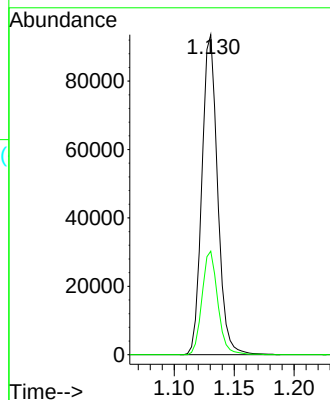
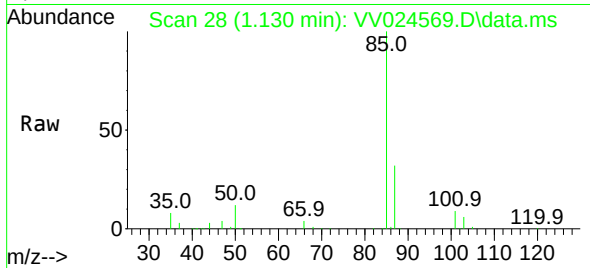




#2
 Dichlorodifluoromethane
 Concen: 5.117 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

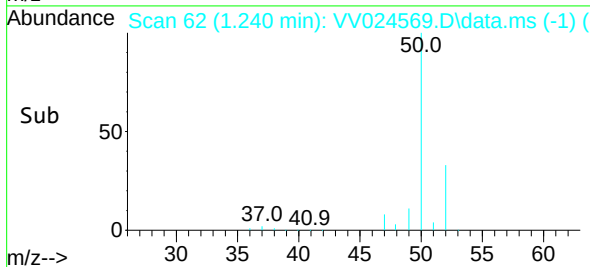
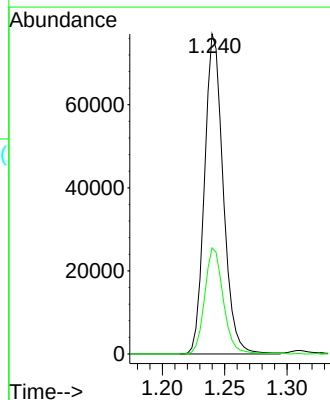
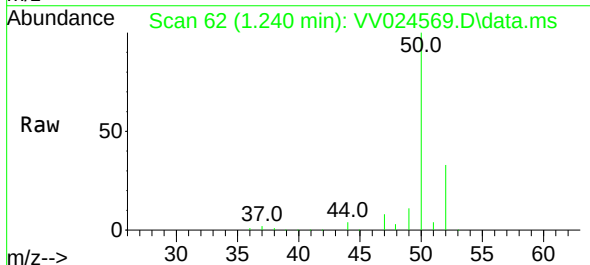
Instrument :
 MSVOA_V
 ClientSampleId :

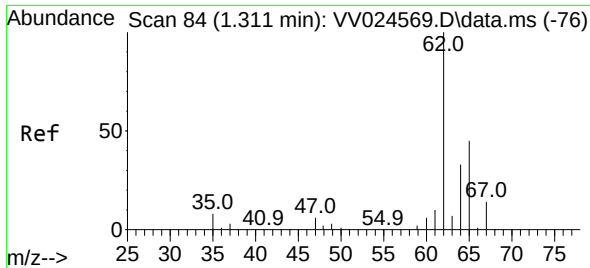
Tgt Ion: 85 Resp: 85441
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 4.881 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

Tgt Ion: 50 Resp: 80183
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 41.0

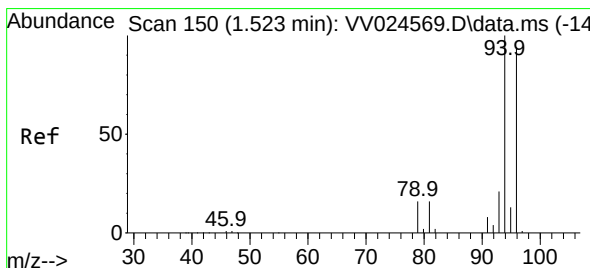
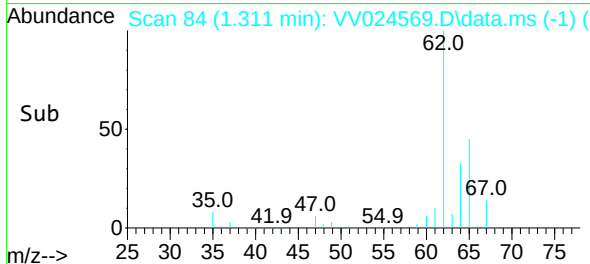
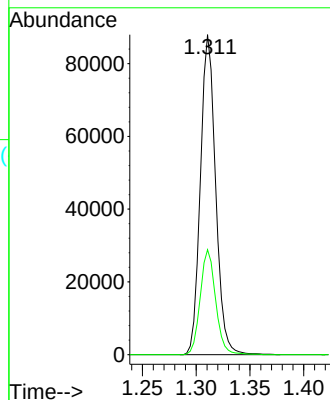
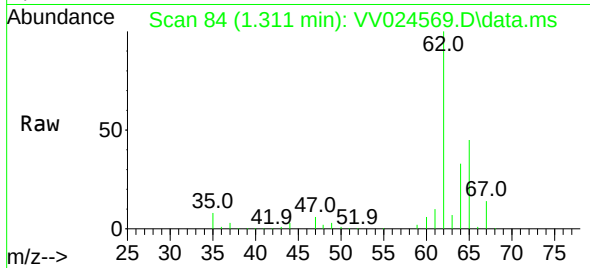




#5
 Vinyl chloride
 Concen: 4.895 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

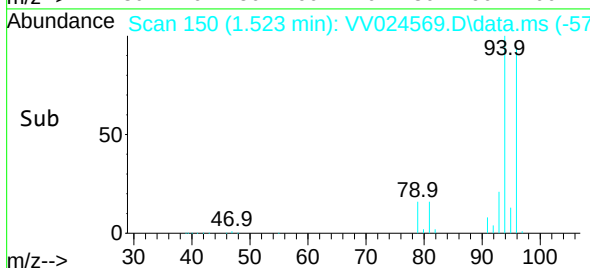
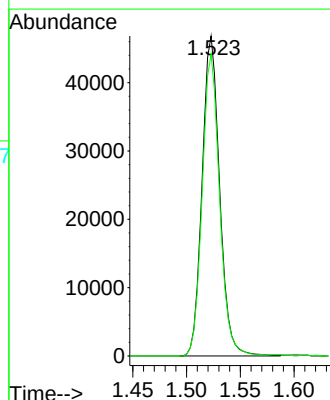
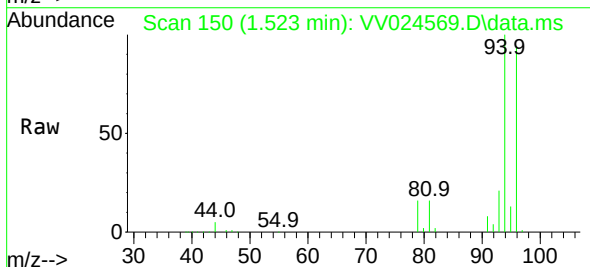
Instrument :
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 ClientSampleId :

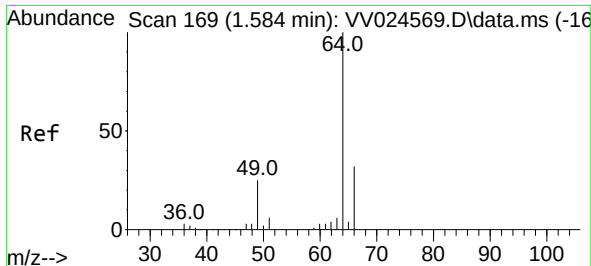
Tgt Ion: 62 Resp: 86609
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.4 41.6



#6
 Bromomethane
 Concen: 4.889 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

Tgt Ion: 94 Resp: 53246
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.2 123.0

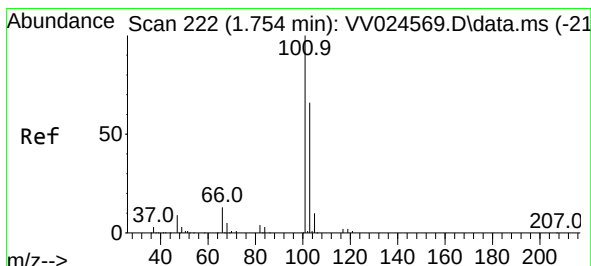
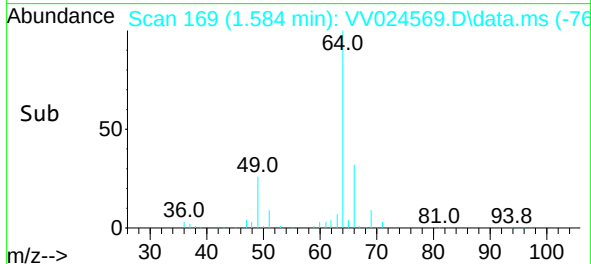
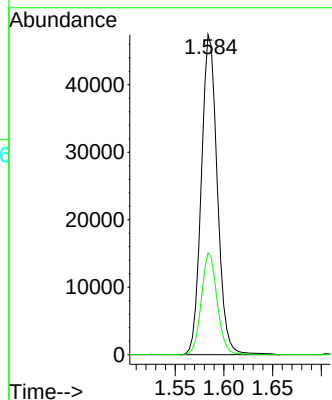
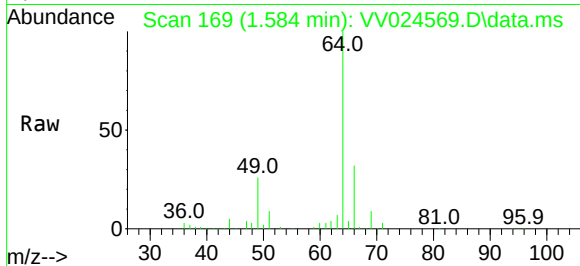




#8
Chloroethane
Concen: 4.993 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

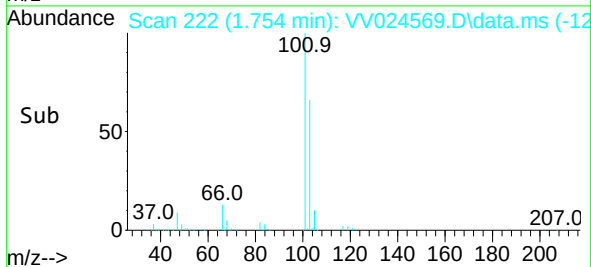
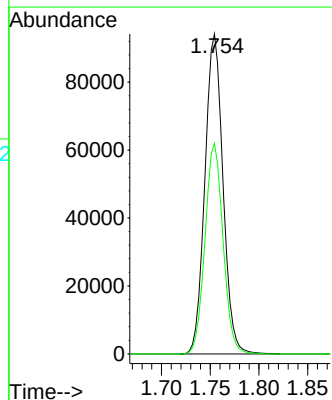
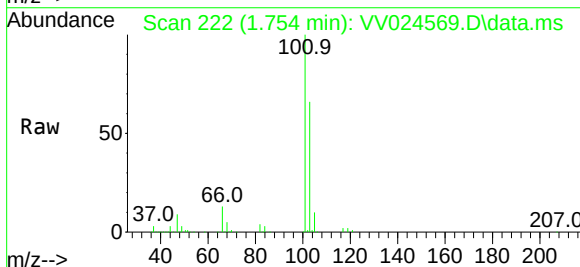
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MSVOA_V
ClientSampleId :

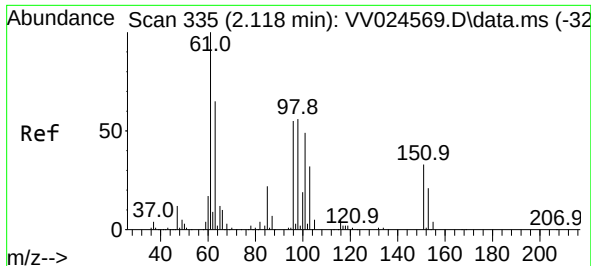
Tgt Ion: 64 Resp: 54113
Ion Ratio Lower Upper
64 100
66 31.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.085 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion: 101 Resp: 121587
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

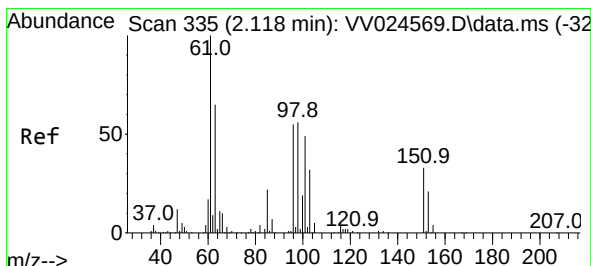
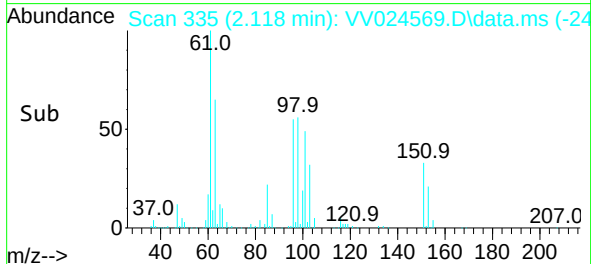
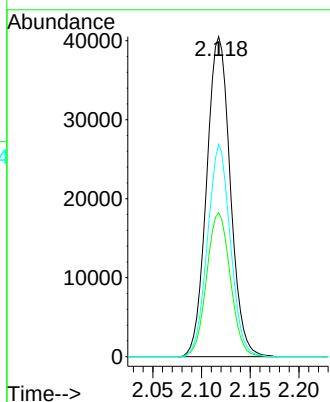
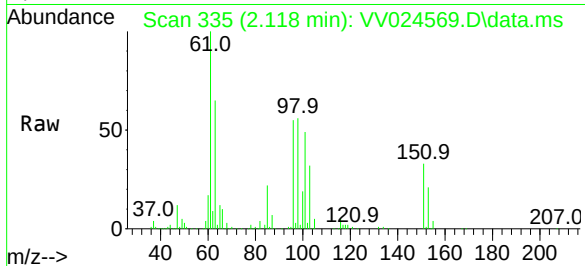




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.136 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

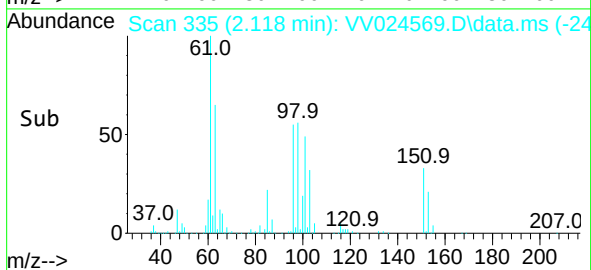
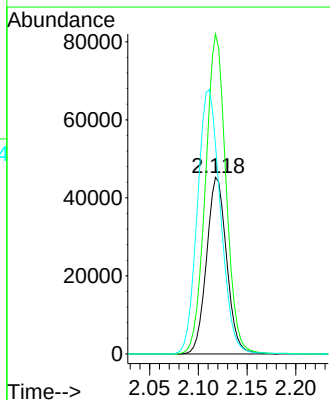
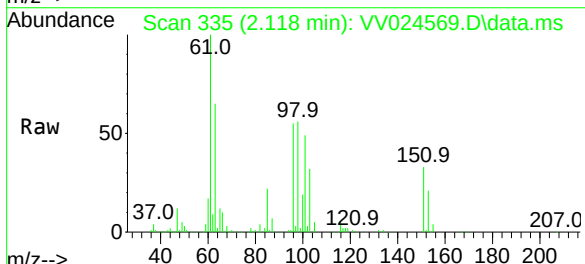
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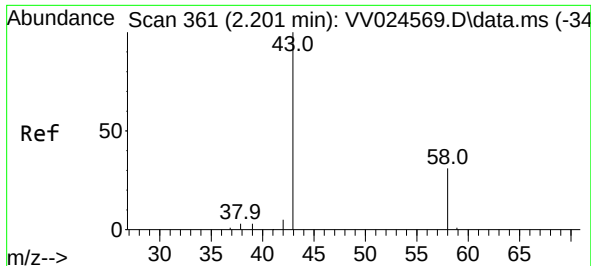
Tgt Ion:101 Resp: 68469
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.0 54.0
 151 64.1 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 4.939 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

Tgt Ion: 96 Resp: 64981
 Ion Ratio Lower Upper
 96 100
 61 181.2 116.1 215.5
 63 118.6 79.4 147.4





#13

Acetone

Concen: 31.888 ug/L

RT: 2.201 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

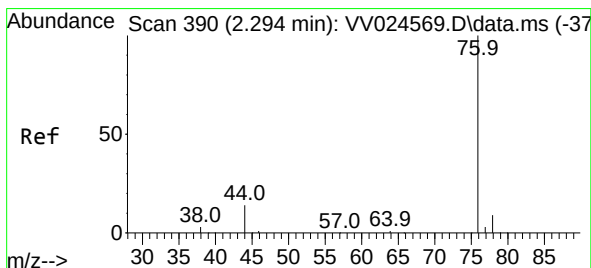
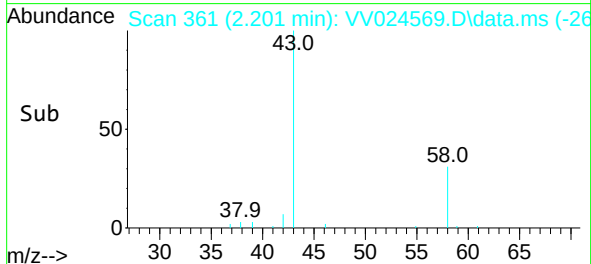
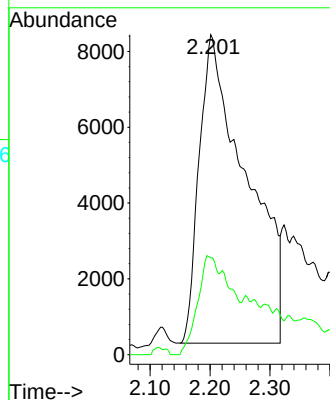
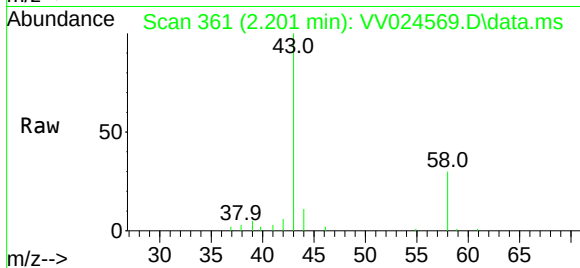
ClientSampleId :

Tgt Ion: 43 Resp: 44494

Ion Ratio Lower Upper

43 100

58 22.5 0.0 41.4



#14

Carbon disulfide

Concen: 4.695 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024569.D

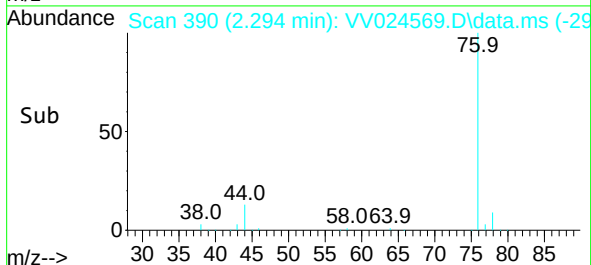
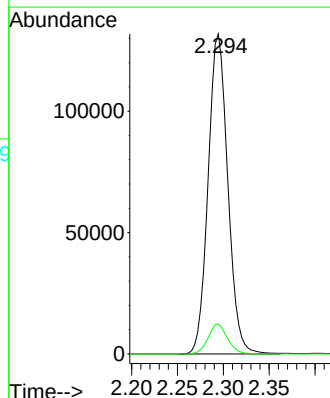
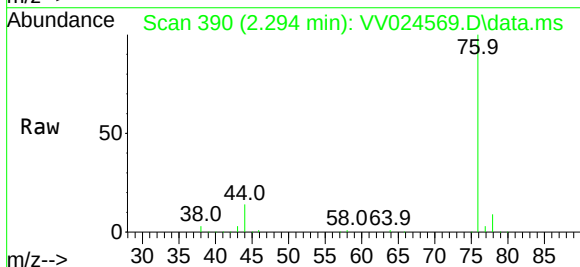
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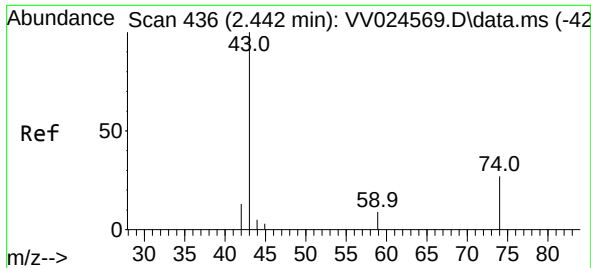
Tgt Ion: 76 Resp: 196324

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

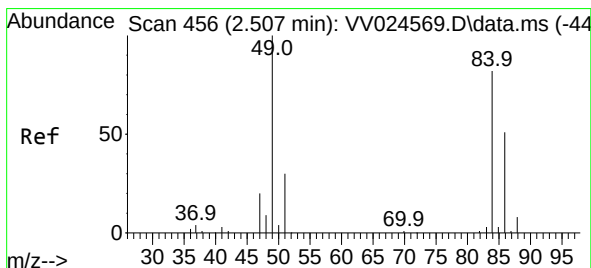
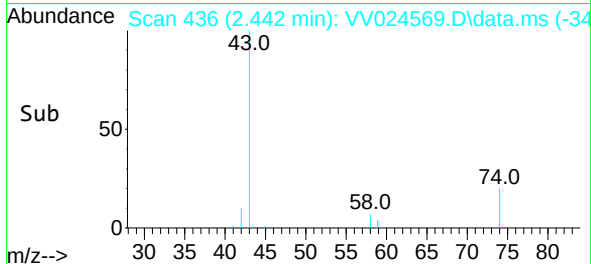
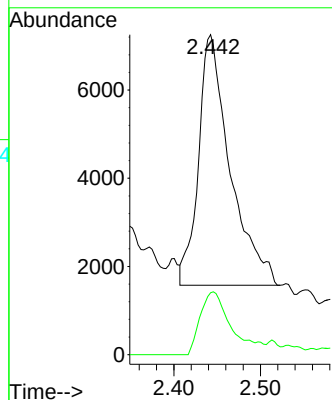
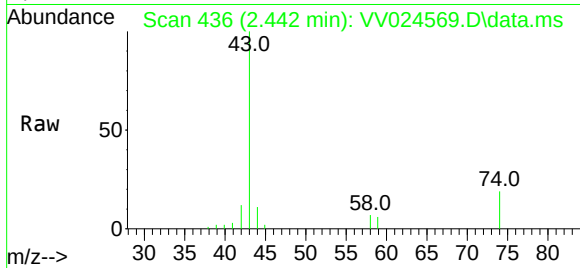




#15
Methyl Acetate
Concen: 3.608 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

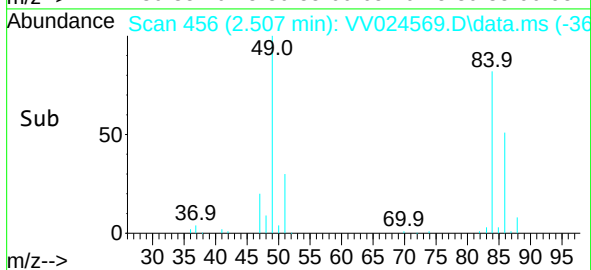
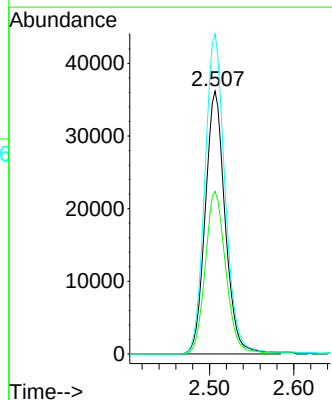
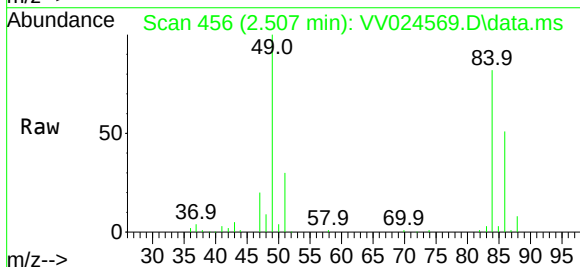
Instrument :
MSVOA_V
ClientSampleId :

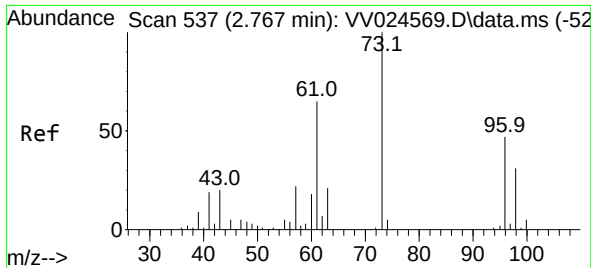
Tgt Ion: 43 Resp: 14398
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2



#16
Methylene chloride
Concen: 4.572 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

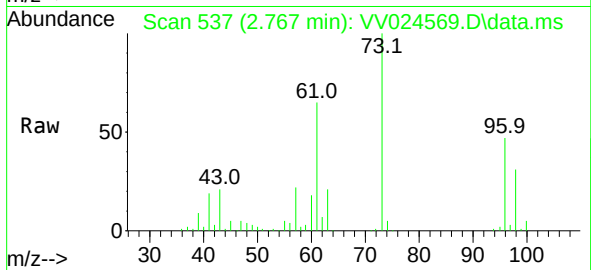
Tgt Ion: 84 Resp: 59595
Ion Ratio Lower Upper
84 100
86 61.9 42.6 79.0
49 121.8 79.7 147.9



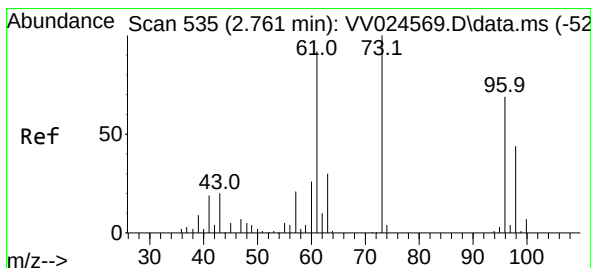
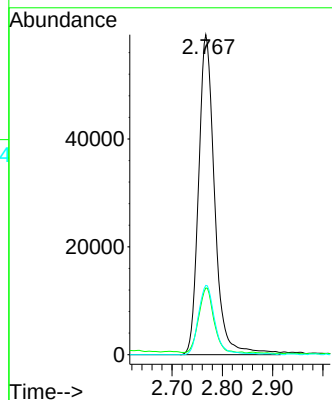
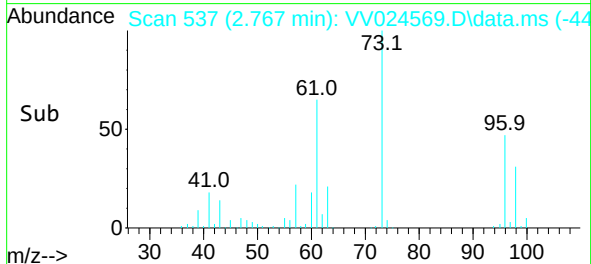


#17
Methyl tert-butyl Ether
Concen: 4.868 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

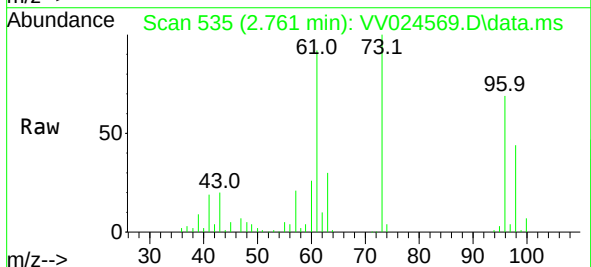
Instrument :
MSVOA_V
ClientSampleId :



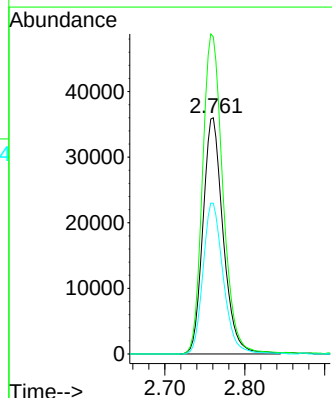
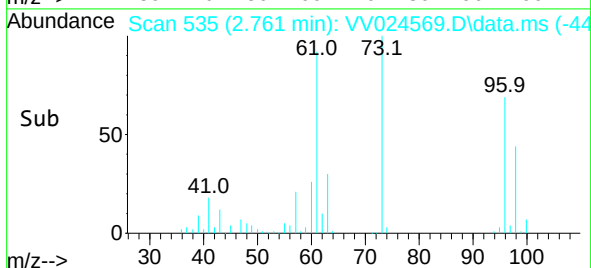
Tgt Ion: 73 Resp: 131973
Ion Ratio Lower Upper
73 100
43 18.8 15.5 23.3
57 22.0 17.1 25.7

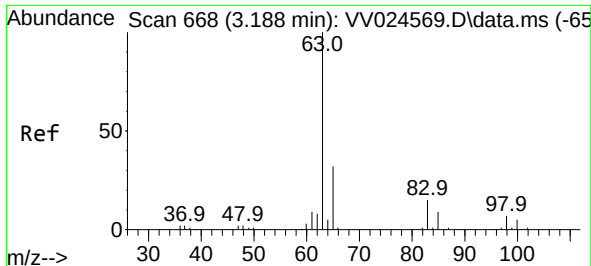


#18
trans-1,2-Dichloroethene
Concen: 4.896 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49



Tgt Ion: 96 Resp: 63281
Ion Ratio Lower Upper
96 100
61 134.2 88.2 163.8
98 63.8 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.006 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

ClientSampleId :

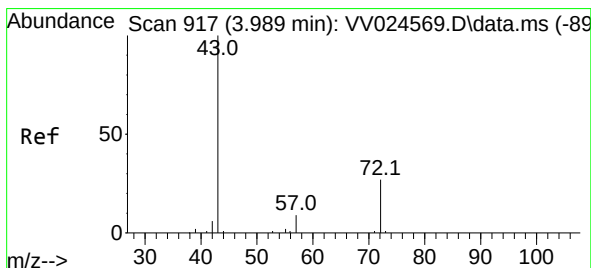
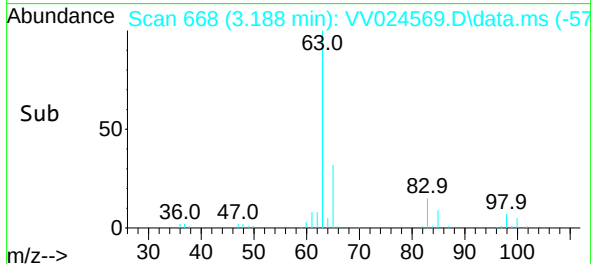
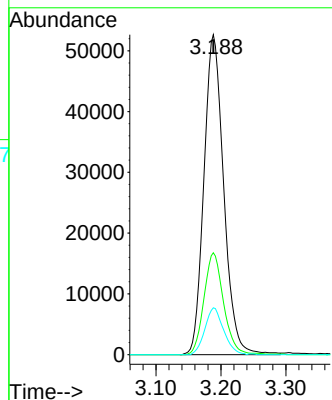
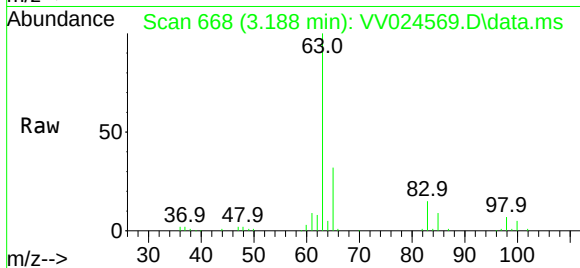
Tgt Ion: 63 Resp: 111730

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 14.6 10.7 19.9



#21

2-Butanone

Concen: 35.161 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.000 min

Lab File: VV024569.D

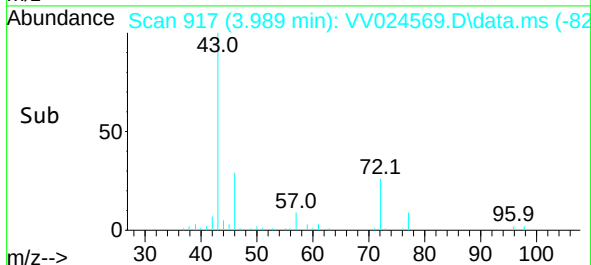
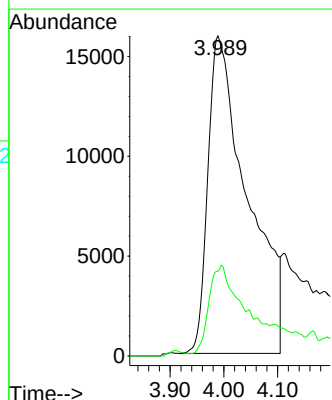
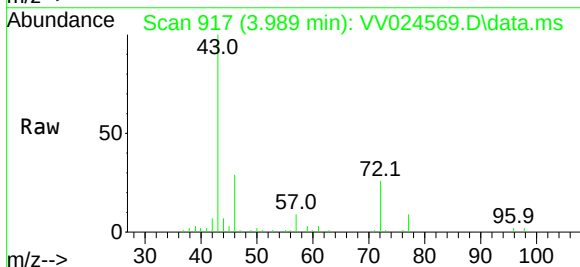
Acq: 10 Feb 2022 13:49

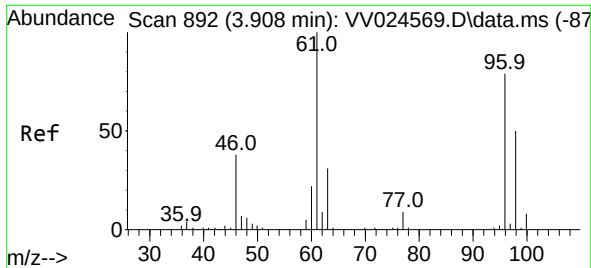
Tgt Ion: 43 Resp: 81309

Ion Ratio Lower Upper

43 100

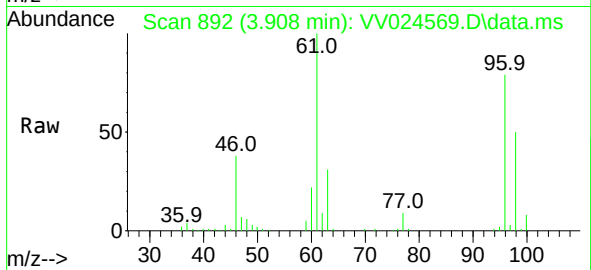
72 21.3 11.1 33.1





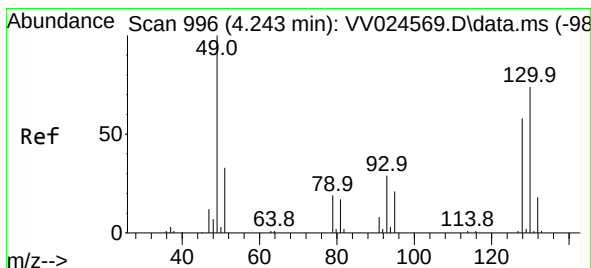
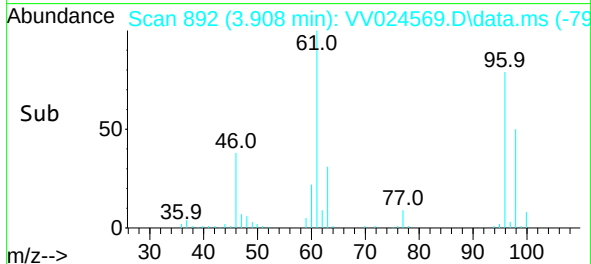
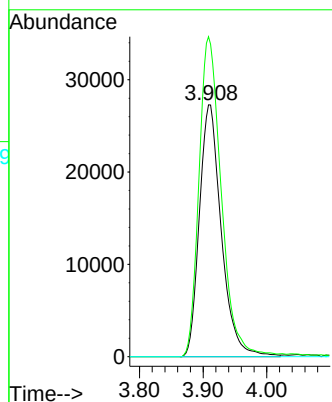
#22
 cis-1,2-Dichloroethene
 Concen: 5.006 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 65229

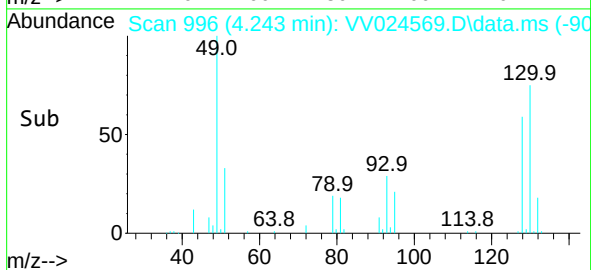
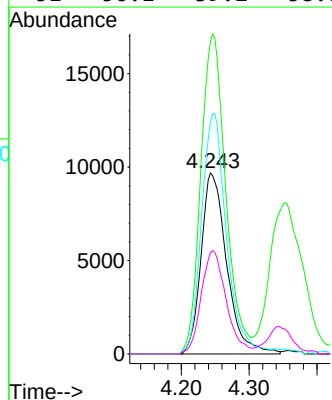
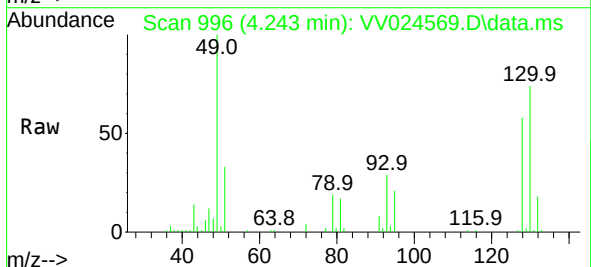
Ion	Ratio	Lower	Upper
96	100		
61	127.1	83.4	154.8
68	0.0	0.0	0.0

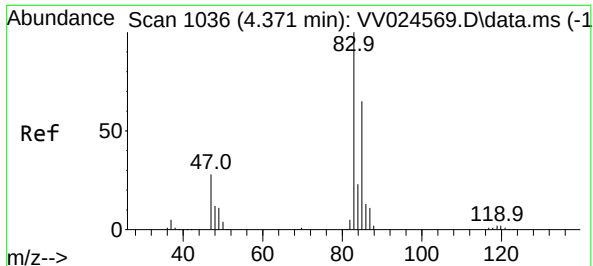


#23
 Bromochloromethane
 Concen: 5.137 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

Tgt Ion: 128 Resp: 25421

Ion	Ratio	Lower	Upper
128	100		
49	172.6	100.2	186.2
130	128.1	92.5	171.7
51	56.1	39.2	58.8





#25

Chloroform

Concen: 4.963 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

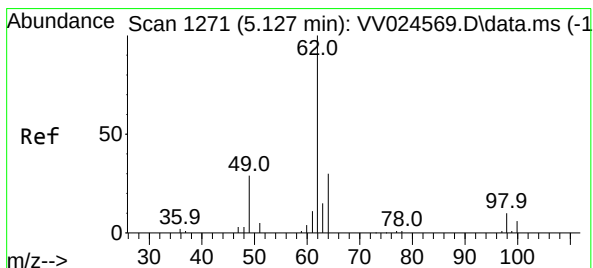
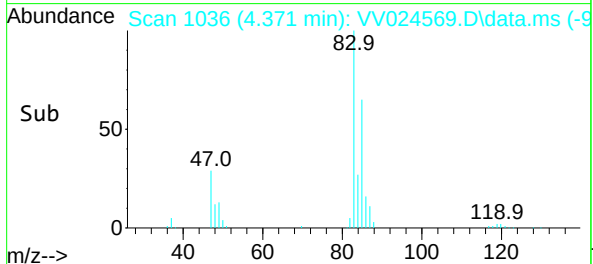
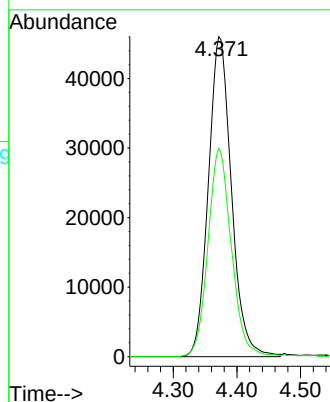
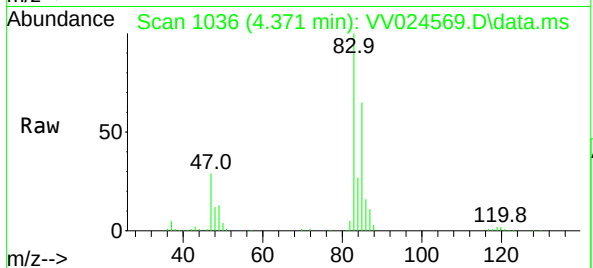
ClientSampleId :

Tgt Ion: 83 Resp: 115945

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.108 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV024569.D

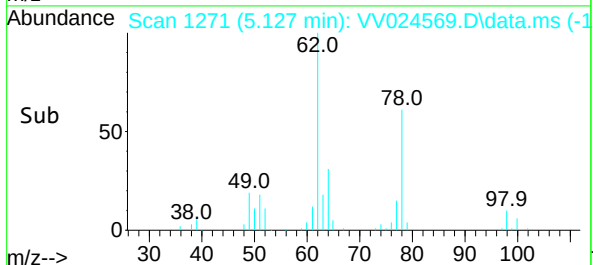
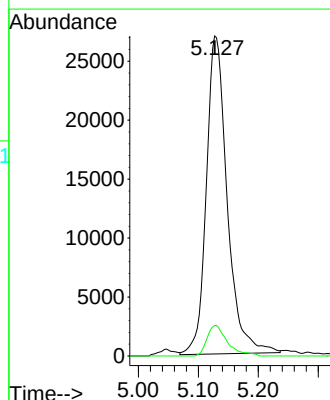
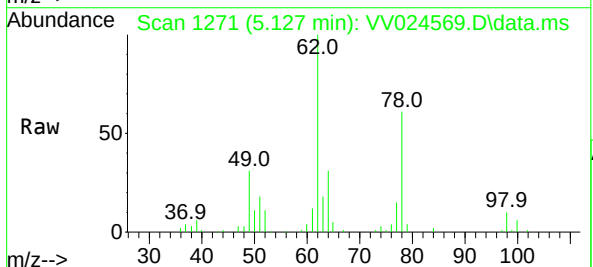
Acq: 10 Feb 2022 13:49

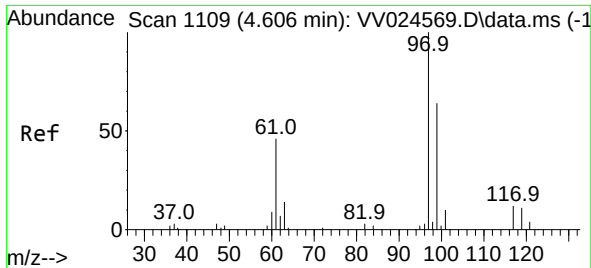
Tgt Ion: 62 Resp: 65434

Ion Ratio Lower Upper

62 100

98 9.5 8.1 12.1

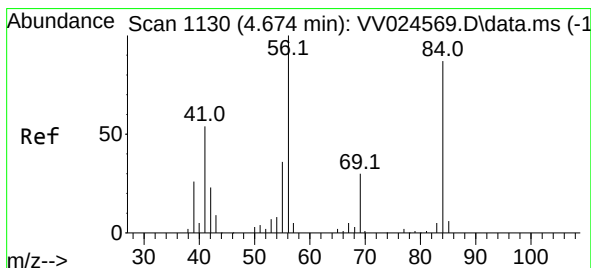
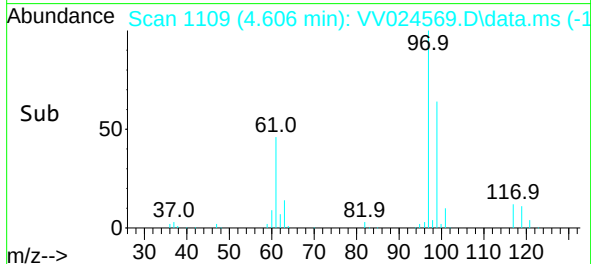
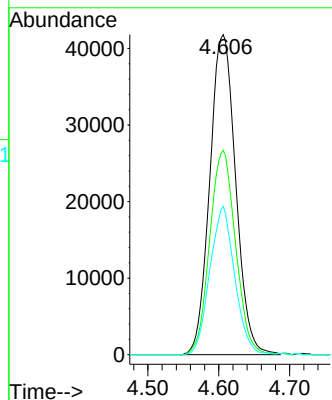
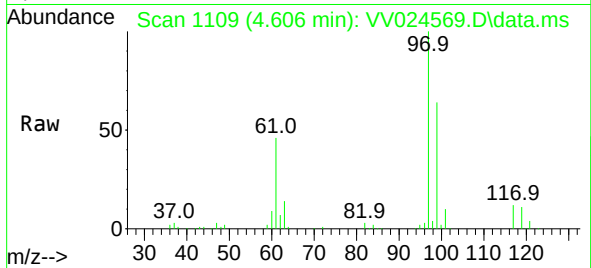




#29
 1,1,1-Trichloroethane
 Concen: 4.991 ug/L
 RT: 4.606 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

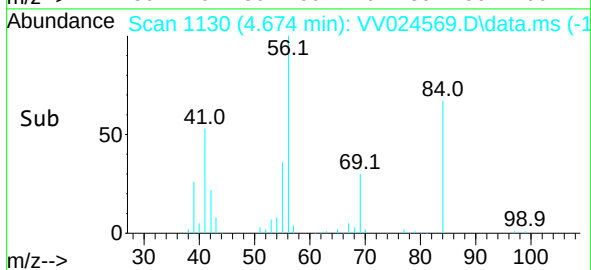
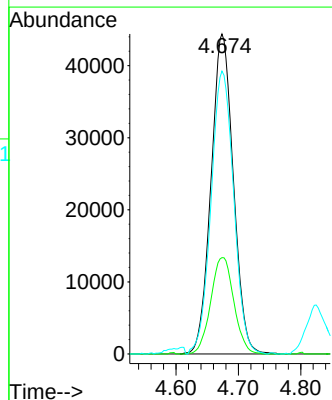
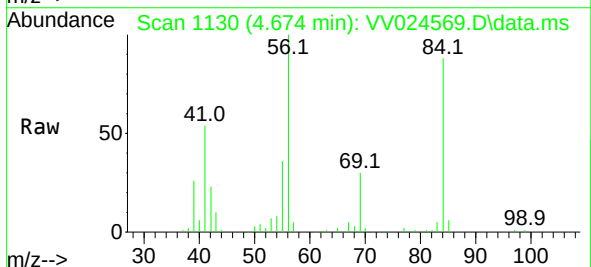
Instrument :
 MSVOA_V
 ClientSampleId :

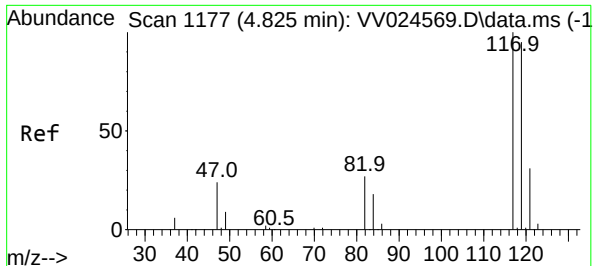
Tgt Ion: 97 Resp: 106205
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.9 77.9
 61 44.4 33.2 49.8



#30
 Cyclohexane
 Concen: 5.026 ug/L
 RT: 4.674 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VV024569.D
 Acq: 10 Feb 2022 13:49

Tgt Ion: 56 Resp: 110179
 Ion Ratio Lower Upper
 56 100
 69 31.2 24.8 37.2
 84 89.9 75.9 113.9

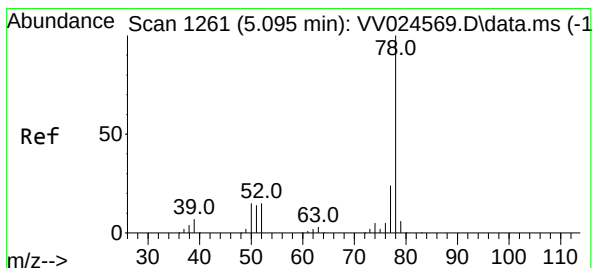
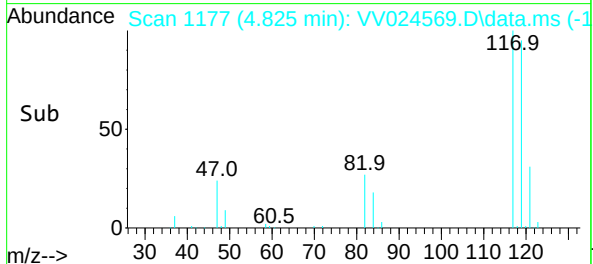
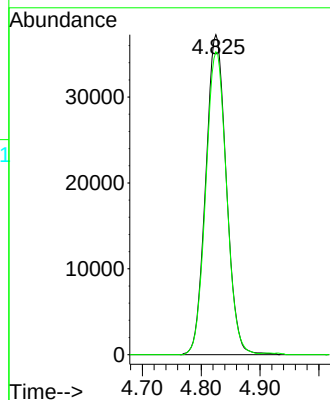
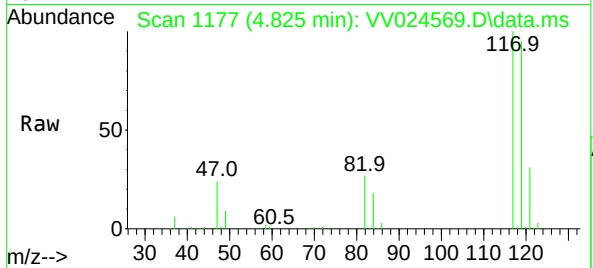




#31
Carbon tetrachloride
Concen: 5.023 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

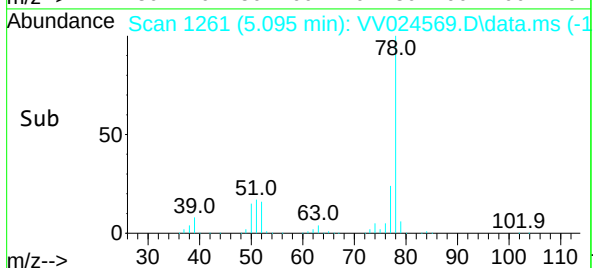
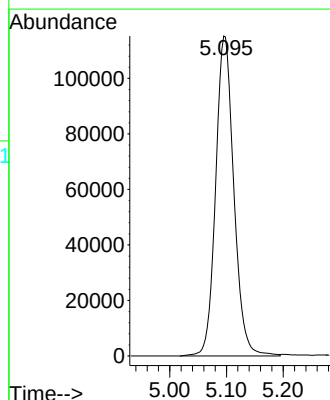
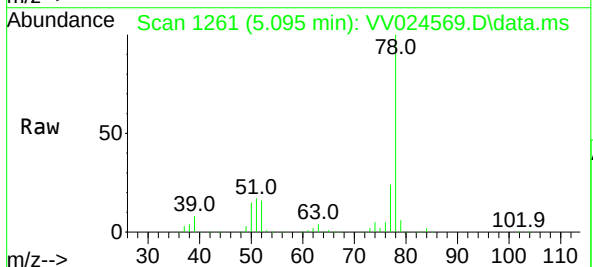
Instrument :
MSVOA_V
ClientSampleId :

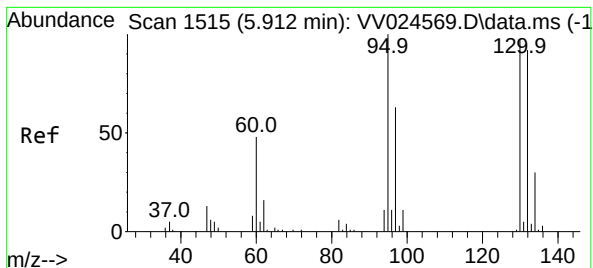
Tgt Ion:117 Resp: 90535
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 5.077 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion: 78 Resp: 257050





#34

Trichloroethene

Concen: 5.033 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

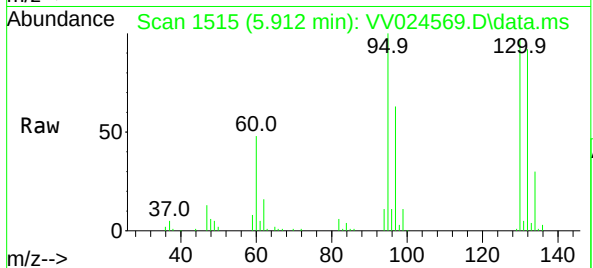
Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 70167

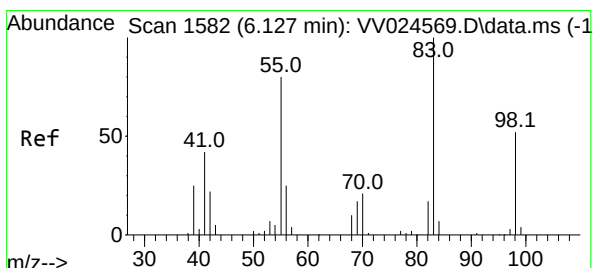
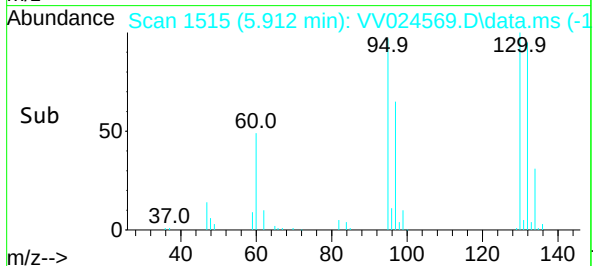
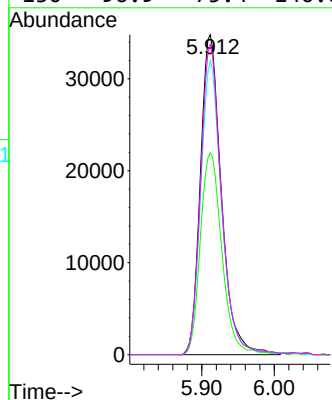
Ion Ratio Lower Upper

95 100

97 63.1 45.2 84.0

132 91.9 76.1 141.3

130 96.9 75.4 140.0



#35

Methylcyclohexane

Concen: 5.095 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

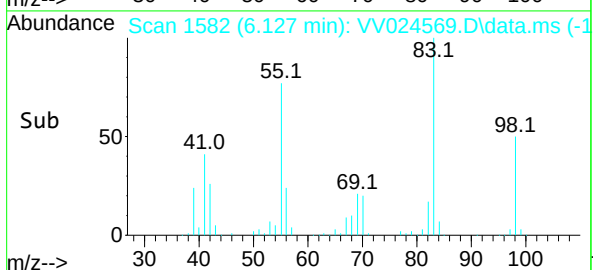
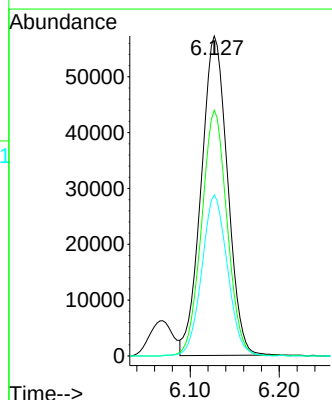
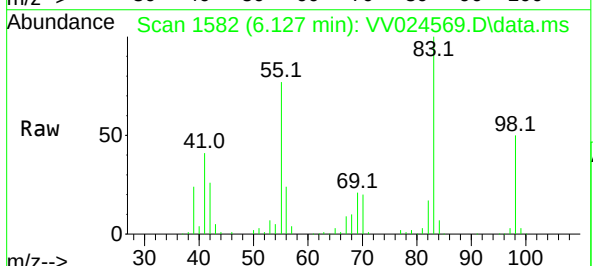
Tgt Ion: 83 Resp: 117512

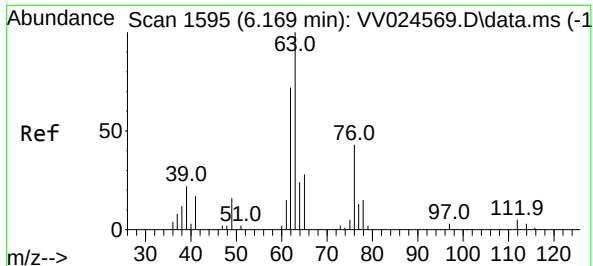
Ion Ratio Lower Upper

83 100

55 74.6 60.2 90.2

98 49.2 41.0 61.4

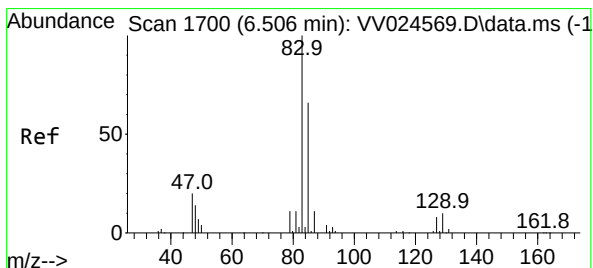
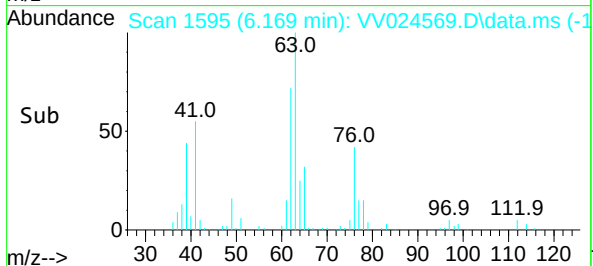
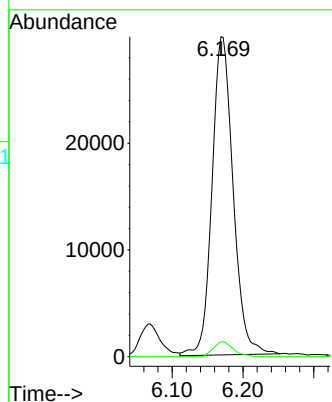
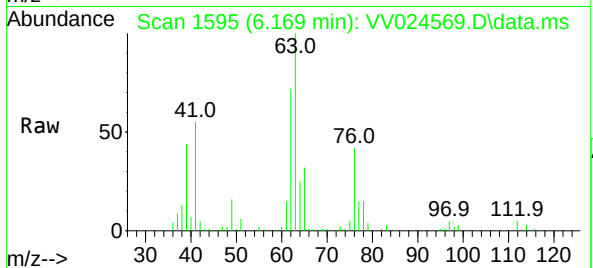




#37
1,2-Dichloropropane
Concen: 5.023 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

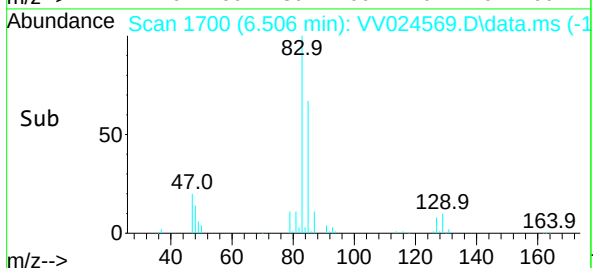
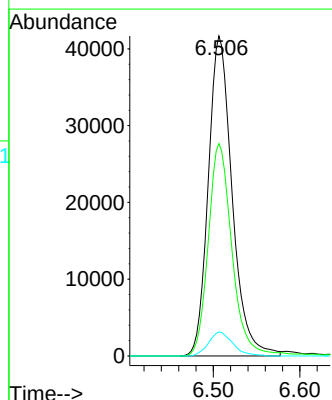
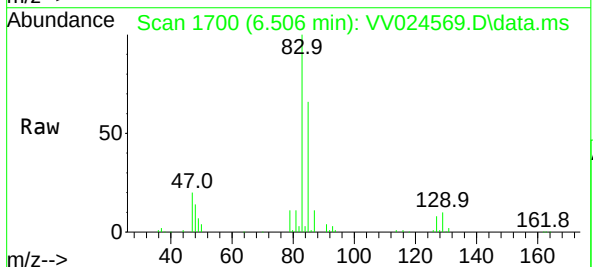
Instrument :
MSVOA_V
ClientSampleId :

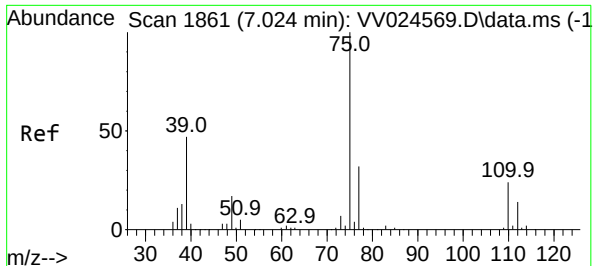
Tgt Ion: 63 Resp: 61640
Ion Ratio Lower Upper
63 100
112 4.4 4.3 6.5



#38
Bromodichloromethane
Concen: 4.887 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion: 83 Resp: 79703
Ion Ratio Lower Upper
83 100
85 66.4 44.0 81.8
127 7.5 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.099 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

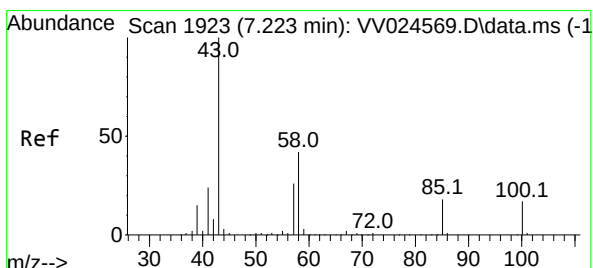
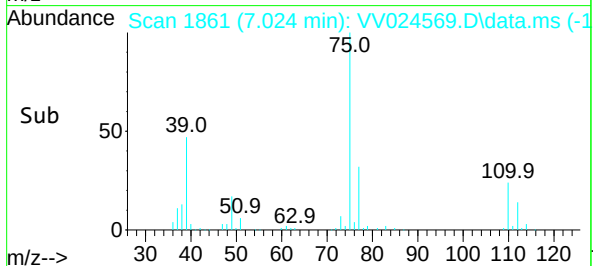
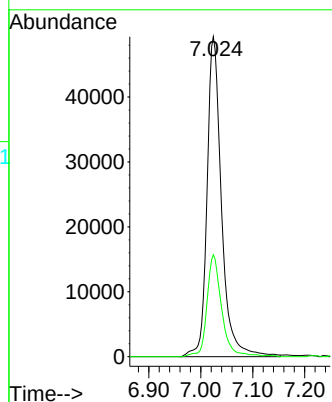
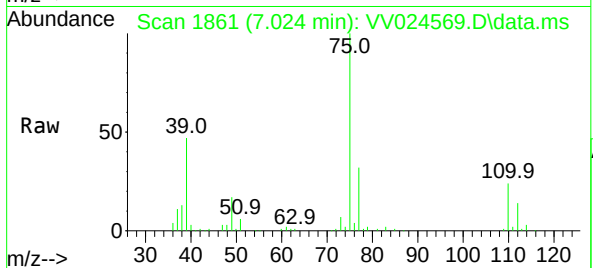
ClientSampleId :

Tgt Ion: 75 Resp: 95348

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 50.291 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

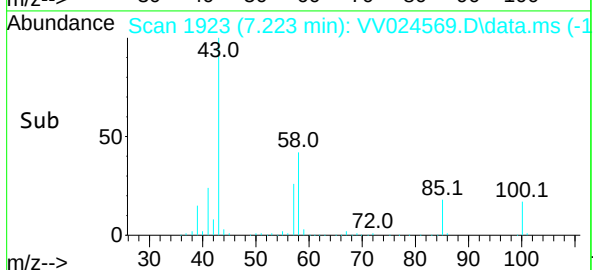
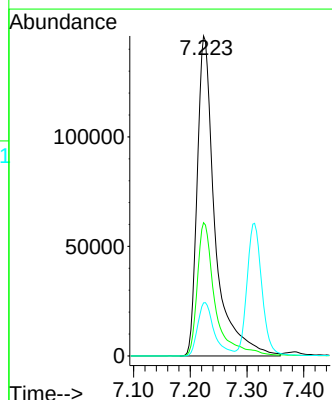
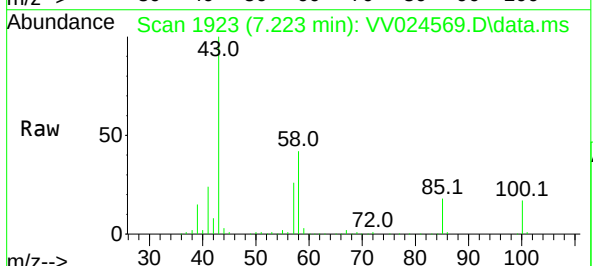
Tgt Ion: 43 Resp: 318468

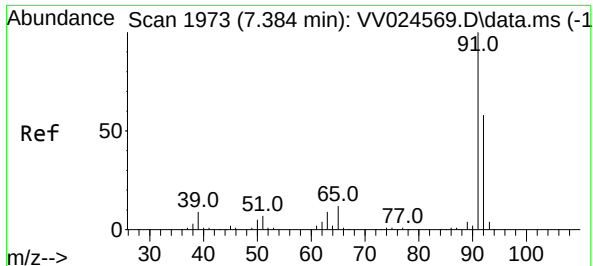
Ion Ratio Lower Upper

43 100

58 41.7 32.3 48.5

100 15.6 13.0 19.6





#42

Toluene

Concen: 4.985 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

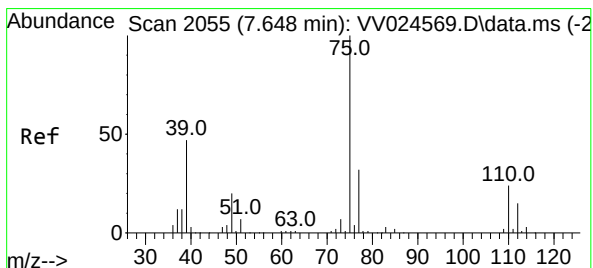
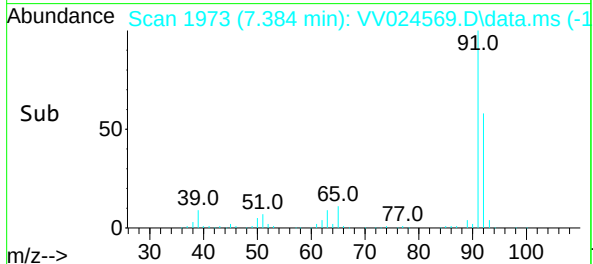
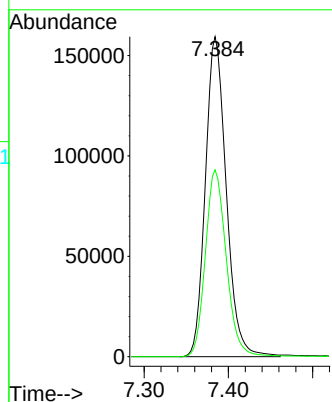
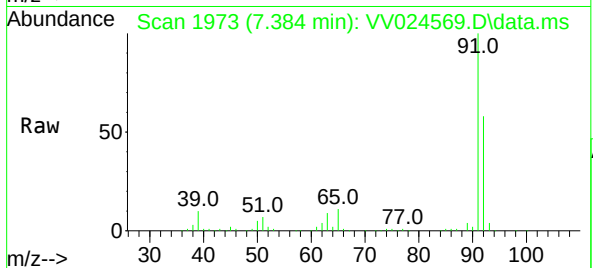
ClientSampleId :

Tgt Ion: 91 Resp: 274930

Ion Ratio Lower Upper

91 100

92 58.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.963 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024569.D

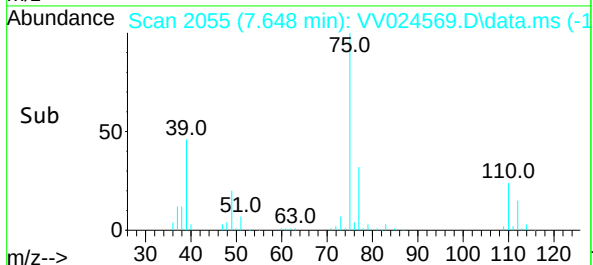
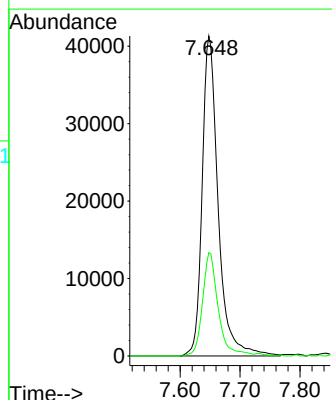
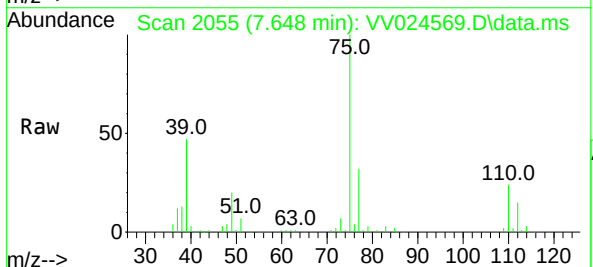
Acq: 10 Feb 2022 13:49

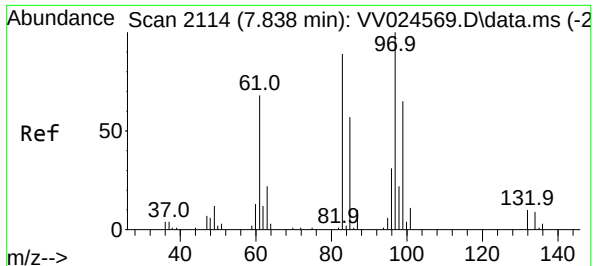
Tgt Ion: 75 Resp: 76660

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4

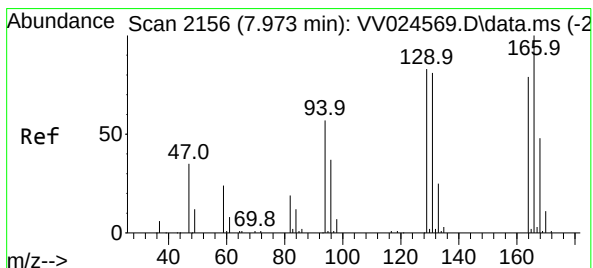
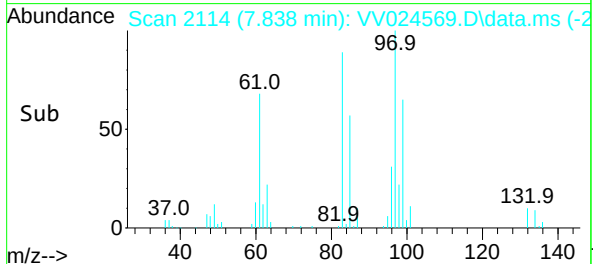
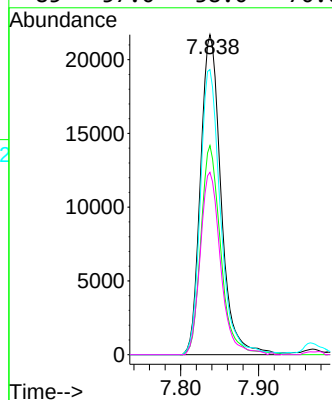
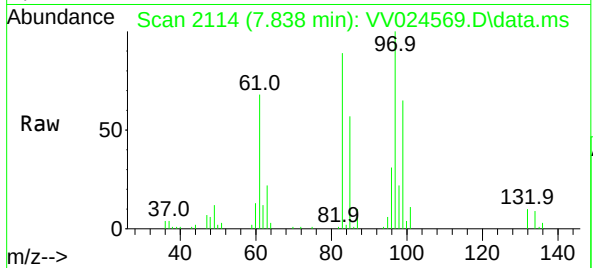




#45
1,1,2-Trichloroethane
Concen: 4.997 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

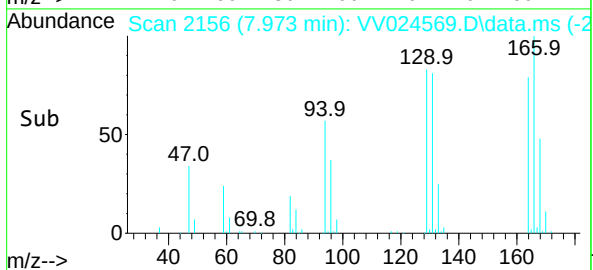
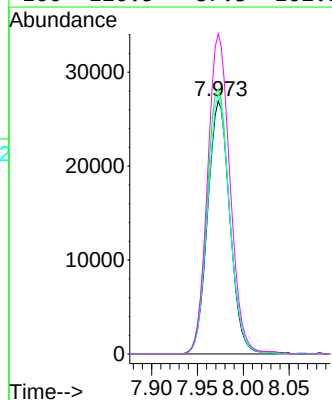
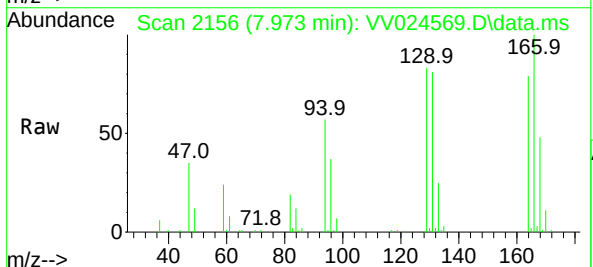
Instrument :
MSVOA_V
ClientSampleId :

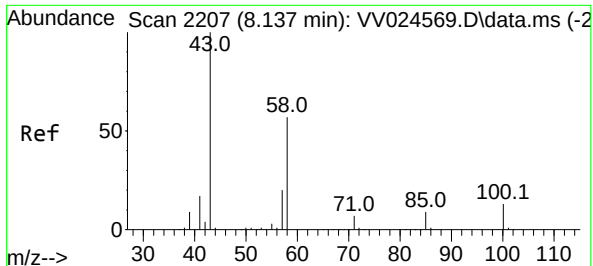
Tgt Ion:	97	Resp:	39734
Ion	Ratio	Lower	Upper
97	100		
99	65.3	43.1	80.1
83	89.1	57.9	107.5
85	57.0	38.0	70.6



#47
Tetrachloroethene
Concen: 4.910 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion:	164	Resp:	45408
Ion	Ratio	Lower	Upper
164	100		
129	104.6	62.6	116.2
131	102.4	61.0	113.4
166	126.5	87.3	162.1

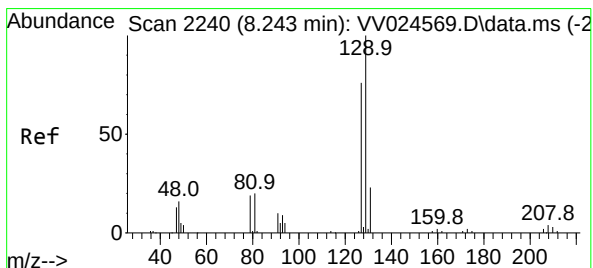
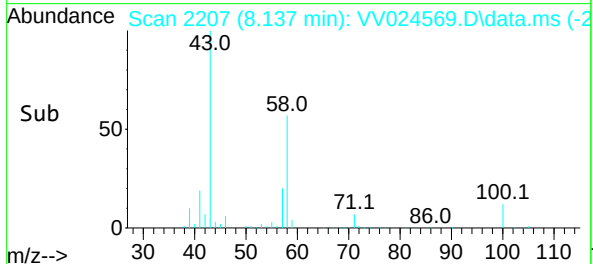
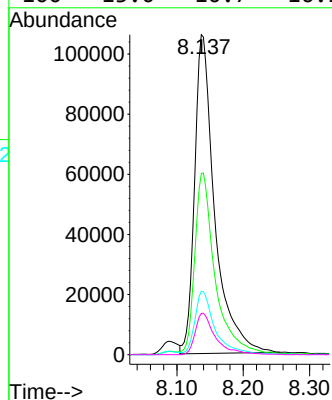
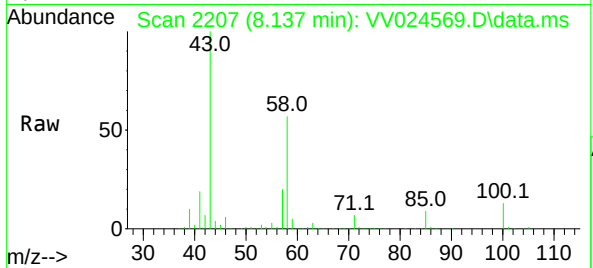




#48
2-Hexanone
Concen: 51.565 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

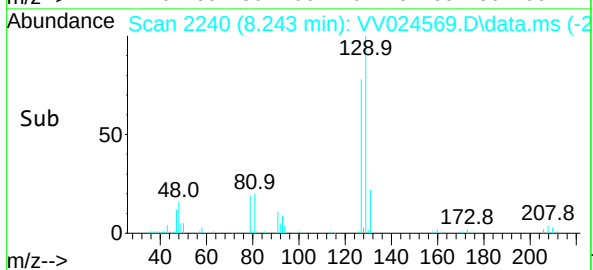
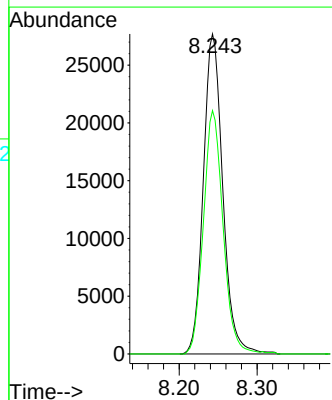
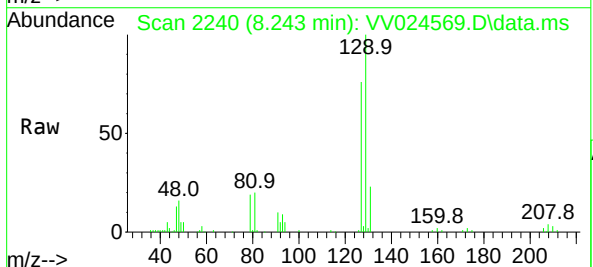
Instrument :
MSVOA_V
ClientSampleId :

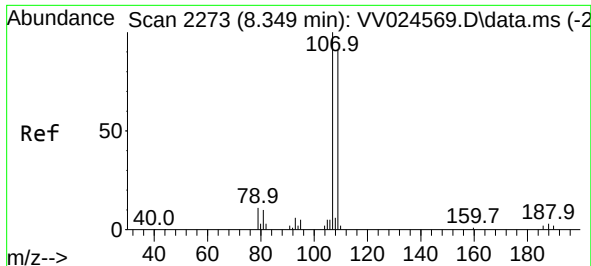
Tgt Ion: 43 Resp: 223524
Ion Ratio Lower Upper
43 100
58 54.7 44.5 66.7
57 19.8 15.1 22.7
100 13.0 10.7 16.1



#49
Dibromochloromethane
Concen: 5.007 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion: 129 Resp: 48086
Ion Ratio Lower Upper
129 100
127 76.0 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.988 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024569.D

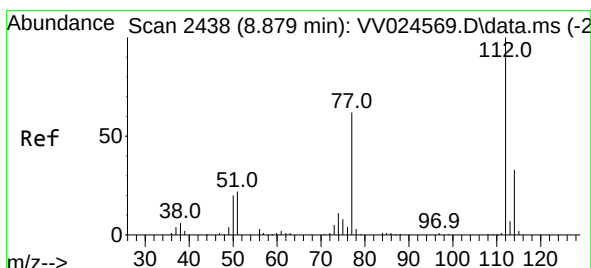
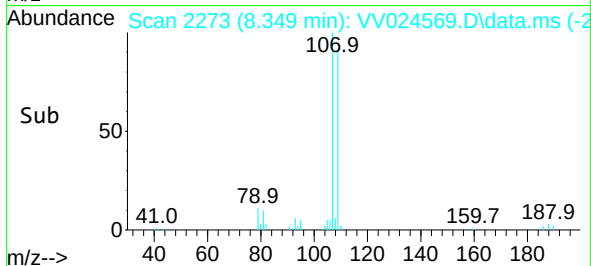
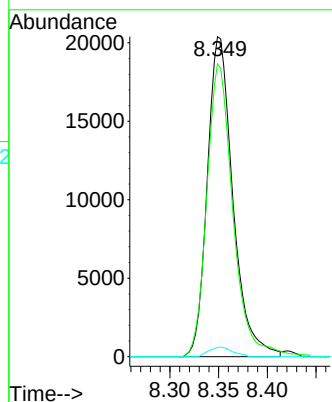
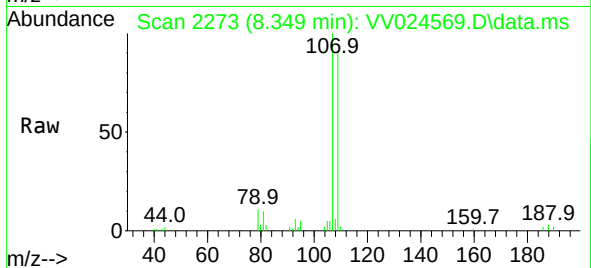
Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	37230
Ion	Ratio	Lower Upper
107	100	
109	91.5	62.5 116.1
188	2.9	3.4 5.2#



#51

Chlorobenzene

Concen: 4.948 ug/L

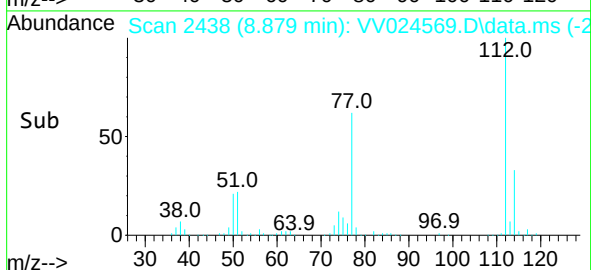
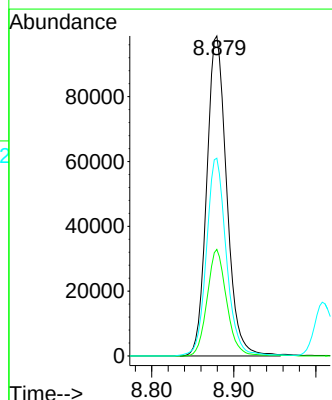
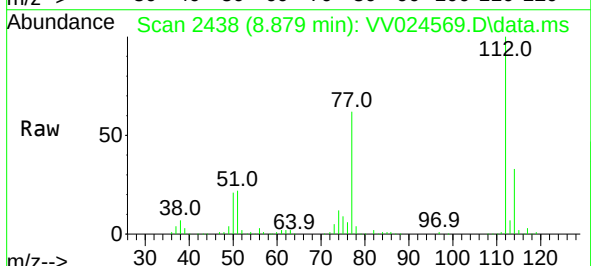
RT: 8.879 min Scan# 2438

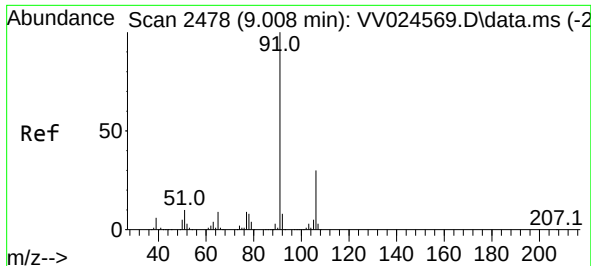
Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Tgt Ion:112	Resp:	167226
Ion	Ratio	Lower Upper
112	100	
114	33.3	23.3 43.3
77	61.8	43.3 64.9

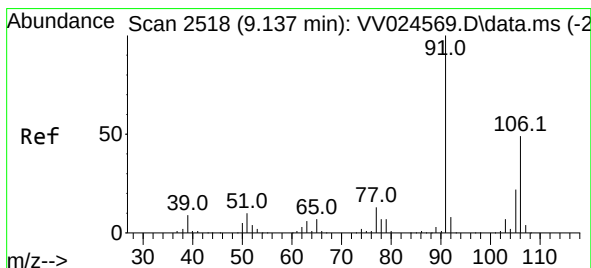
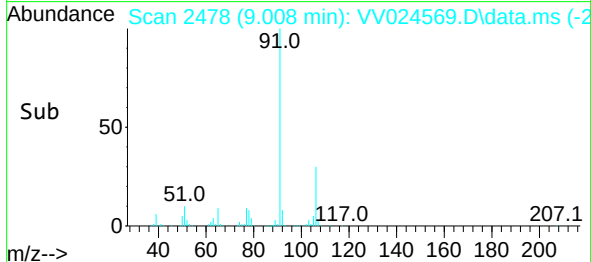
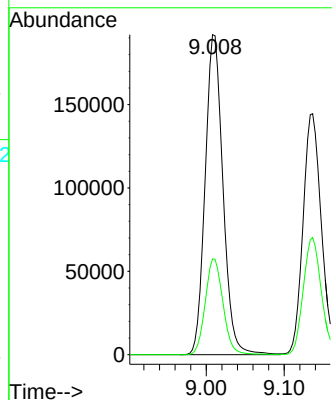
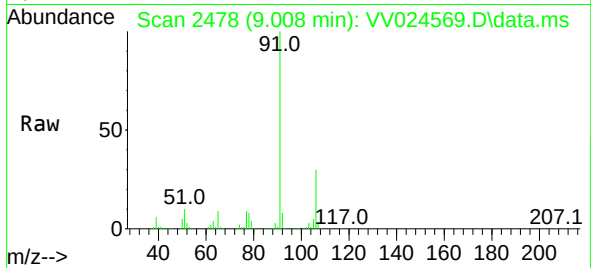




#52
Ethylbenzene
Concen: 4.969 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

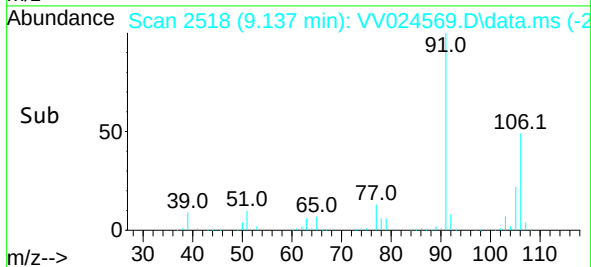
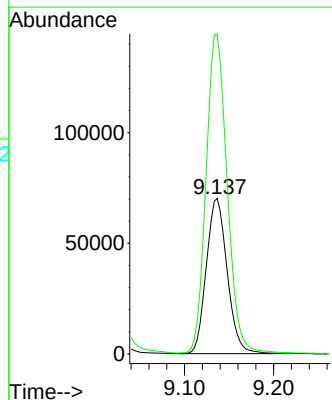
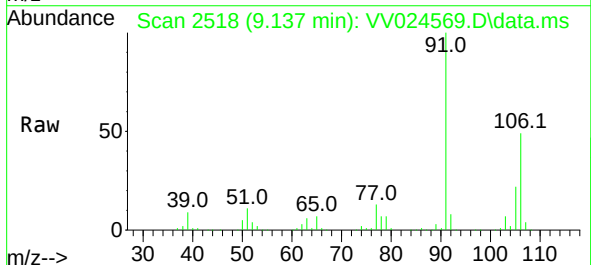
Instrument :
MSVOA_V
ClientSampleId :

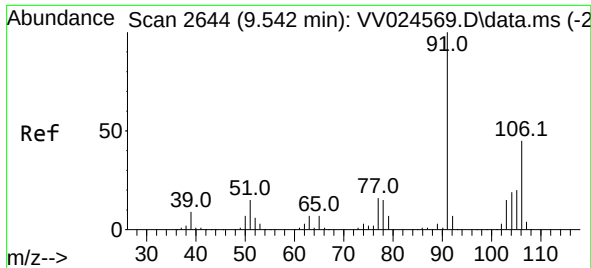
Tgt Ion: 91 Resp: 304949
Ion Ratio Lower Upper
91 100
106 29.9 22.0 41.0



#53
m,p-xylene
Concen: 4.900 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion:106 Resp: 113901
Ion Ratio Lower Upper
106 100
91 205.8 139.5 259.1

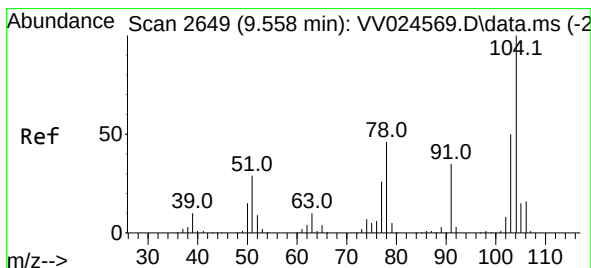
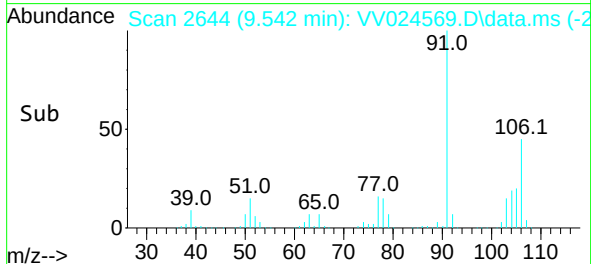
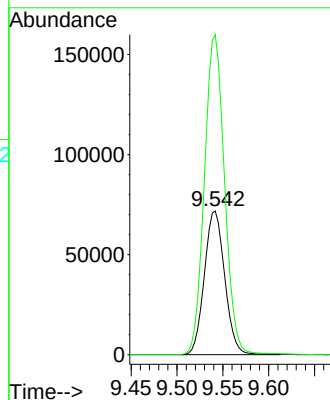
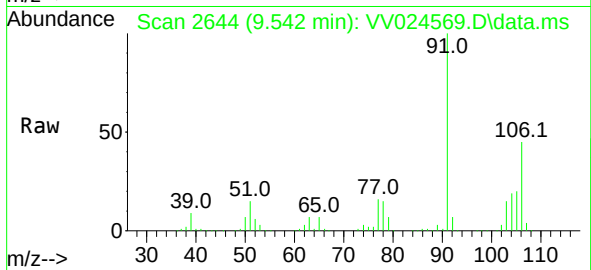




#54
o-xylene
Concen: 4.951 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

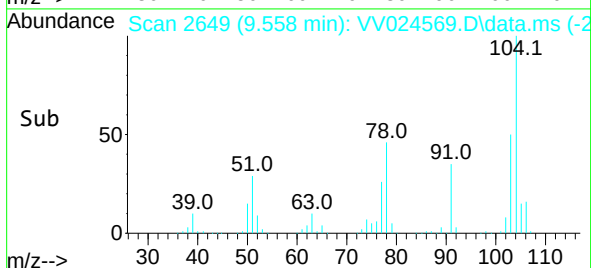
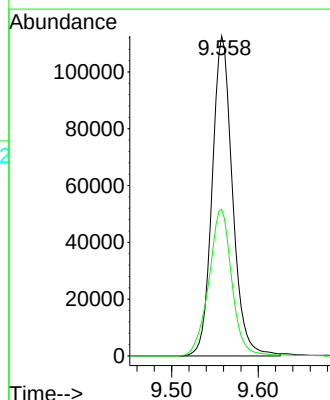
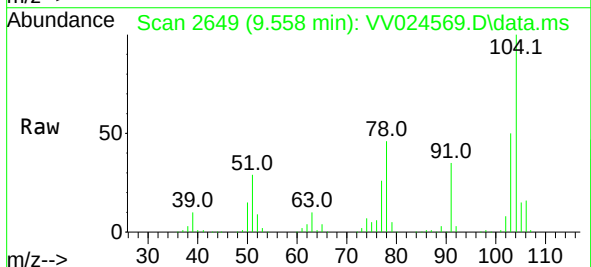
Instrument :
MSVOA_V
ClientSampleId :

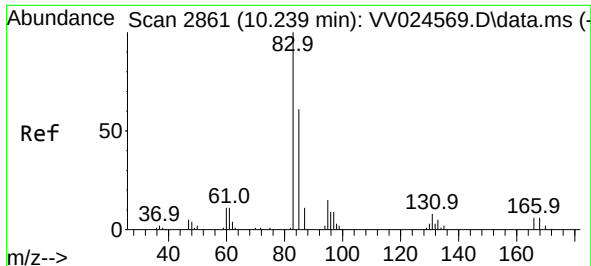
Tgt Ion:106 Resp: 110972
Ion Ratio Lower Upper
106 100
91 222.6 147.9 274.7



#55
Styrene
Concen: 4.990 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion:104 Resp: 183598
Ion Ratio Lower Upper
104 100
78 45.8 31.0 57.6

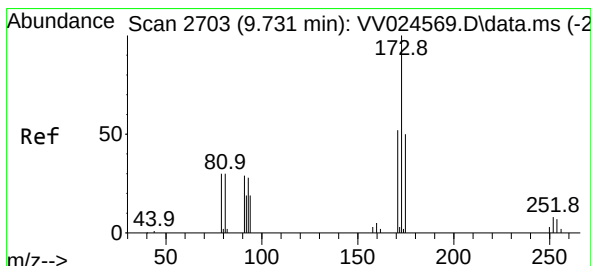
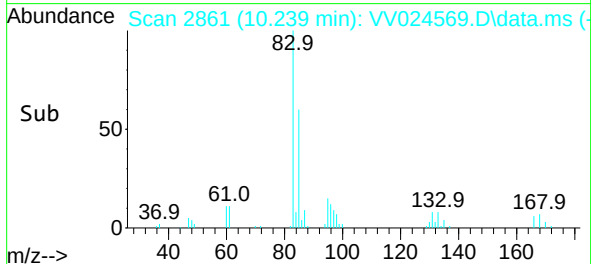
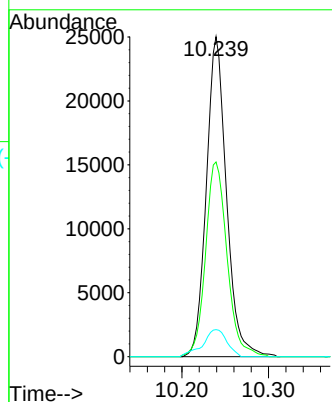
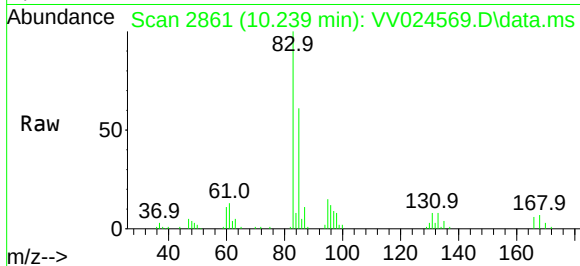




#57
1,1,2,2-Tetrachloroethane
Concen: 5.011 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

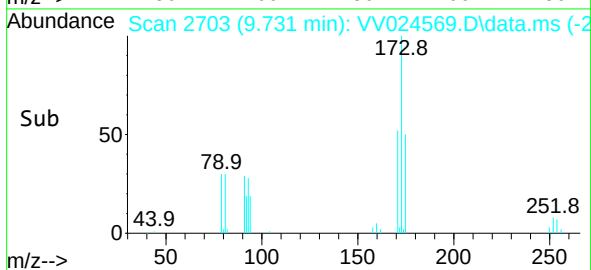
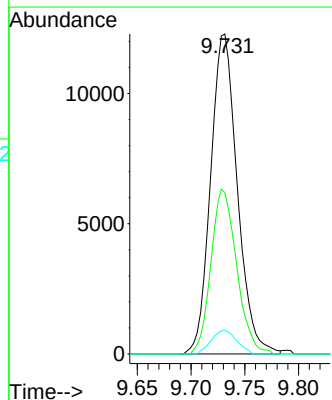
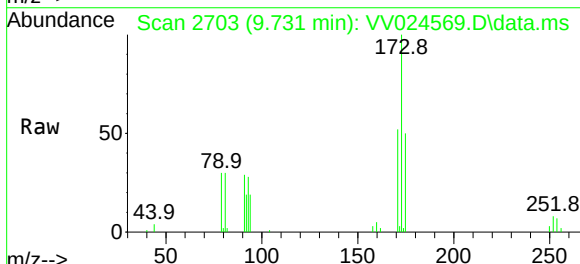
Instrument :
MSVOA_V
ClientSampleId :

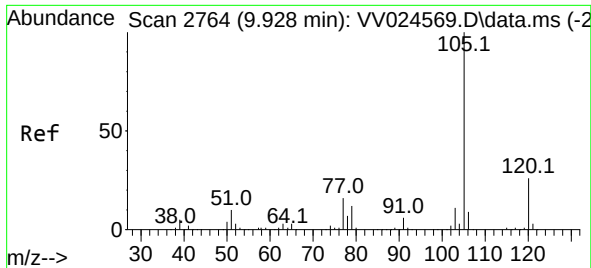
Tgt Ion: 83 Resp: 40361
Ion Ratio Lower Upper
83 100
85 60.9 44.6 82.8
131 8.5 8.3 12.5



#59
Bromoform
Concen: 5.018 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion: 173 Resp: 21198
Ion Ratio Lower Upper
173 100
175 49.5 39.4 59.2
254 7.0 7.4 11.0#

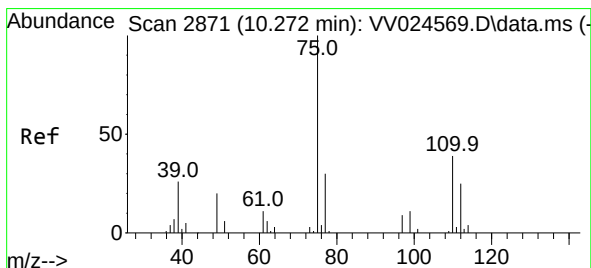
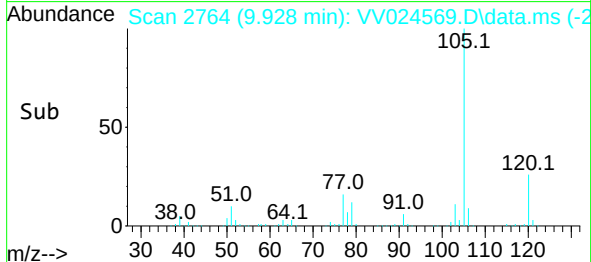
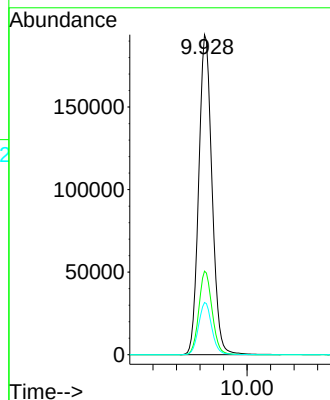
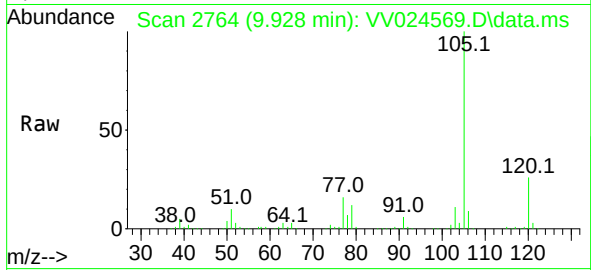




#60
Isopropylbenzene
Concen: 5.055 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

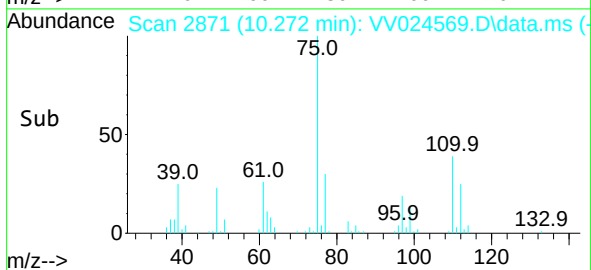
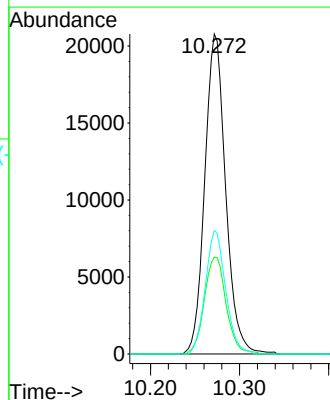
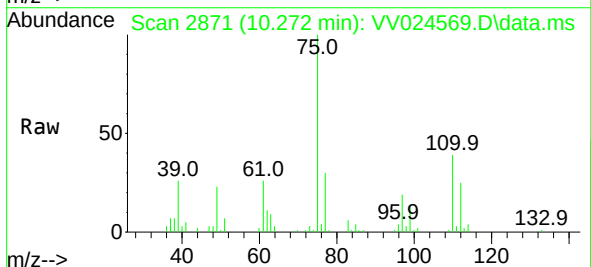
Instrument :
MSVOA_V
ClientSampleId :

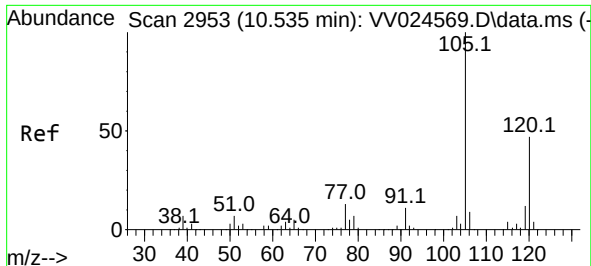
Tgt Ion:105 Resp: 303108
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 16.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.175 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

Tgt Ion: 75 Resp: 33728
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
110 37.5 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.040 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

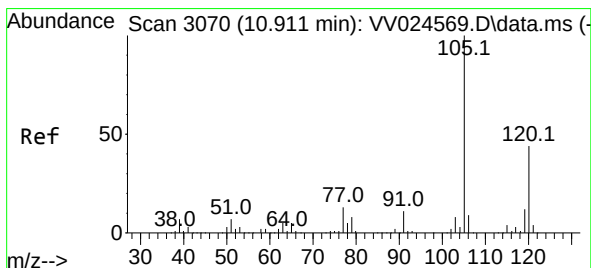
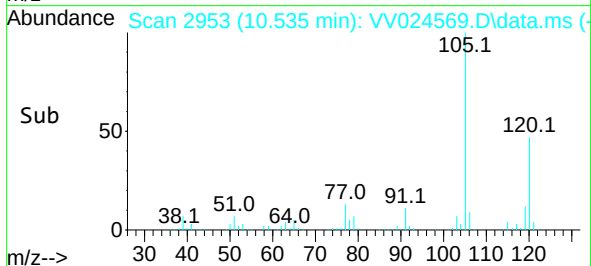
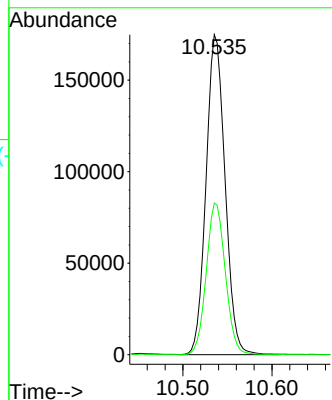
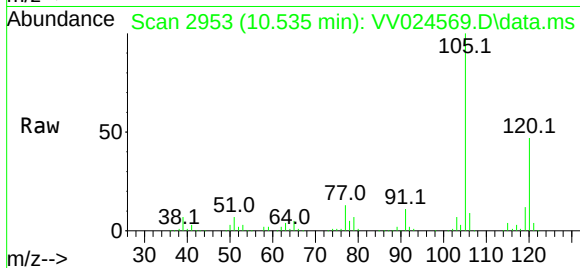
ClientSampleId :

Tgt Ion:105 Resp: 258776

Ion Ratio Lower Upper

105 100

120 47.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.029 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024569.D

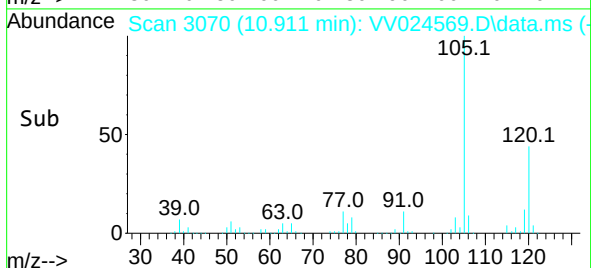
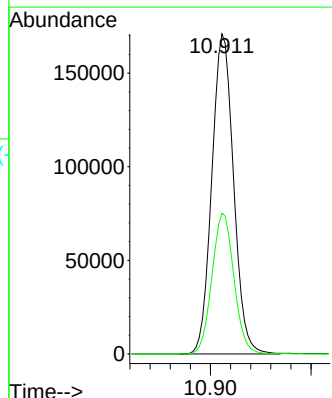
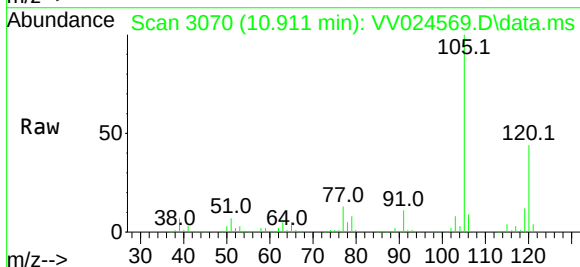
Acq: 10 Feb 2022 13:49

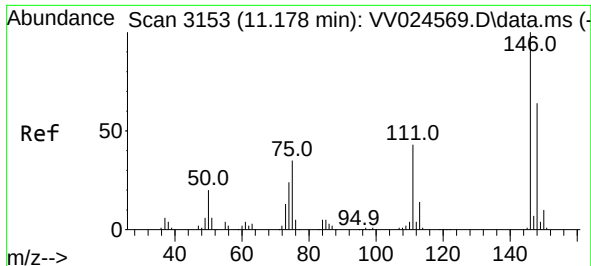
Tgt Ion:105 Resp: 256710

Ion Ratio Lower Upper

105 100

120 44.5 36.7 55.1

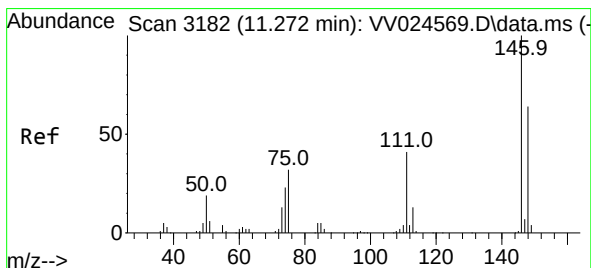
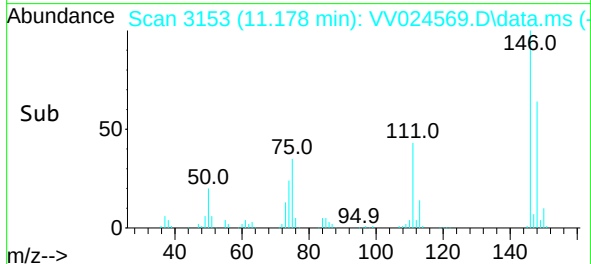
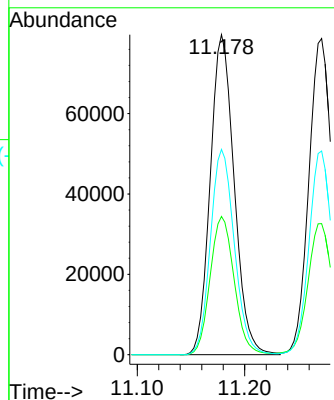
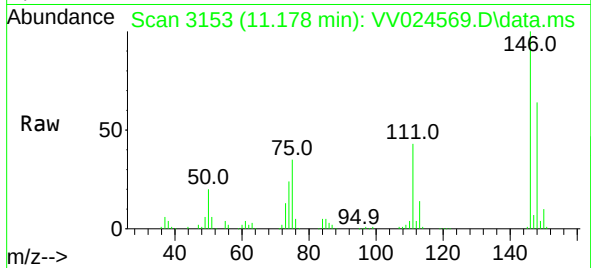




#64
1,3-Dichlorobenzene
Concen: 5.048 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

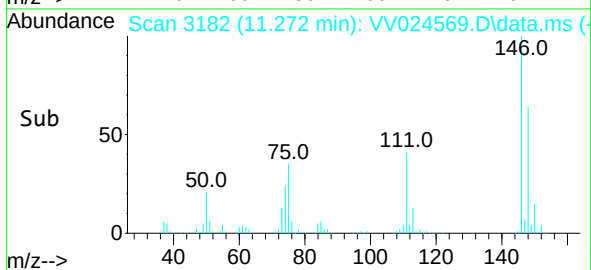
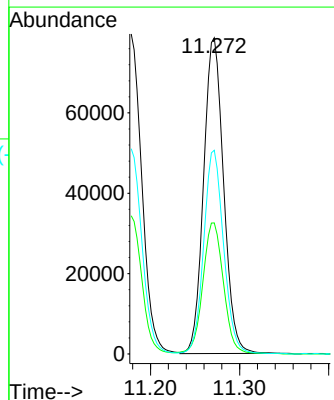
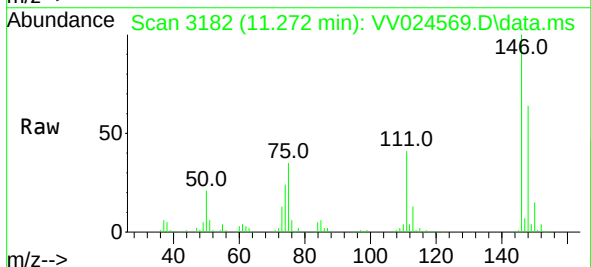
Instrument :
MSVOA_V
ClientSampleId :

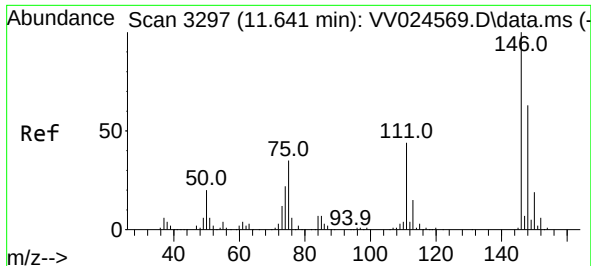
Tgt Ion:146 Resp: 123219
Ion Ratio Lower Upper
146 100
111 43.2 26.3 48.9
148 64.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.055 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

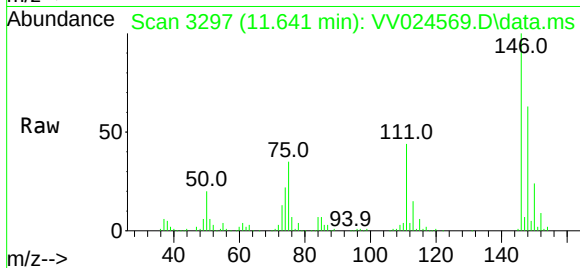
Tgt Ion:146 Resp: 122548
Ion Ratio Lower Upper
146 100
111 41.4 25.6 47.6
148 64.4 44.8 83.2



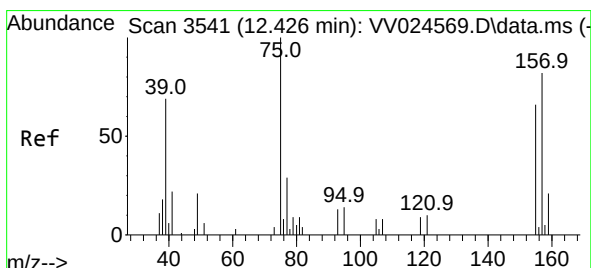
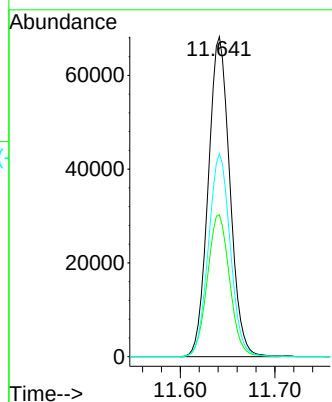
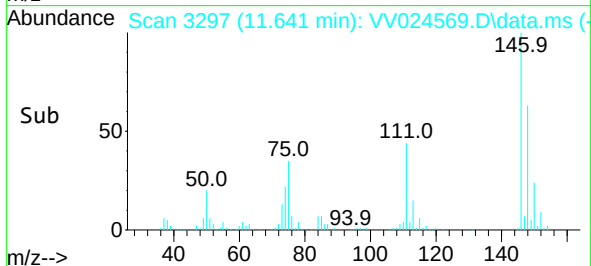


#67
1,2-Dichlorobenzene
Concen: 5.008 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49

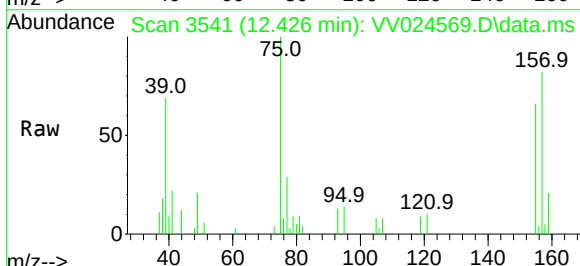
Instrument :
MSVOA_V
ClientSampleId :



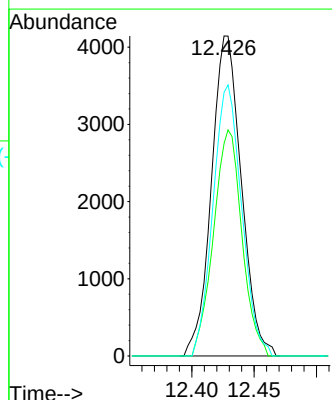
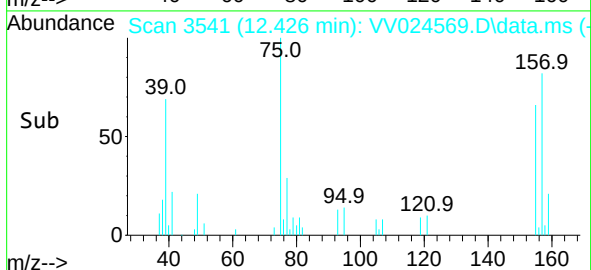
Tgt Ion:146 Resp: 108507
Ion Ratio Lower Upper
146 100
111 44.4 31.9 47.9
148 63.4 50.5 75.7

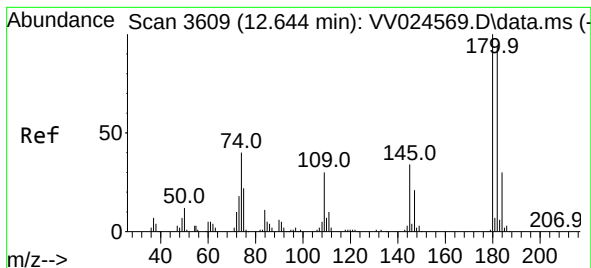


#68
1,2-Dibromo-3-chloropropane
Concen: 5.469 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024569.D
Acq: 10 Feb 2022 13:49



Tgt Ion: 75 Resp: 6923
Ion Ratio Lower Upper
75 100
155 66.4 71.7 107.5#
157 82.3 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 5.044 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

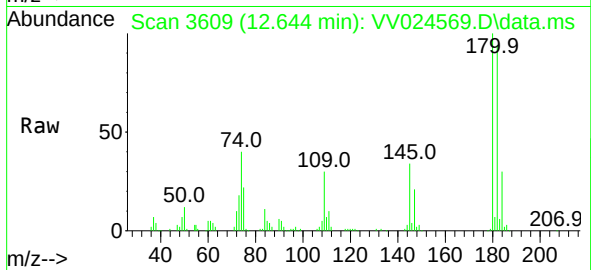
Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 87590

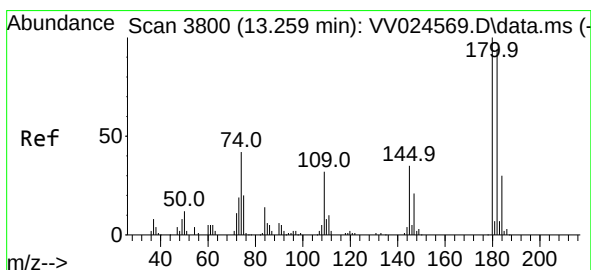
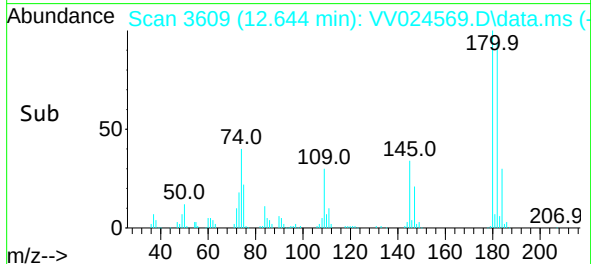
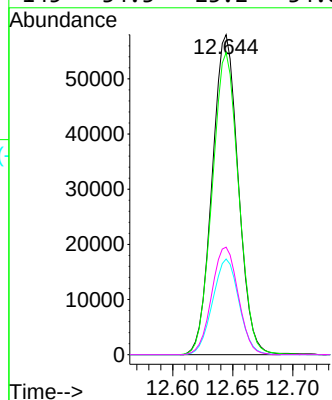
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

184 30.4 24.2 36.4

145 34.3 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.157 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

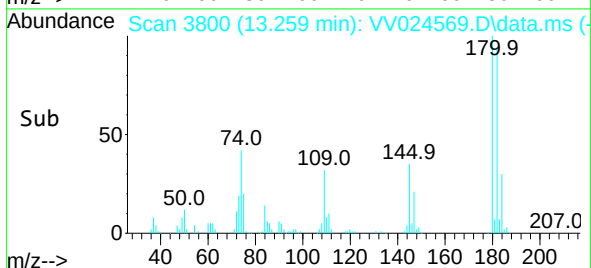
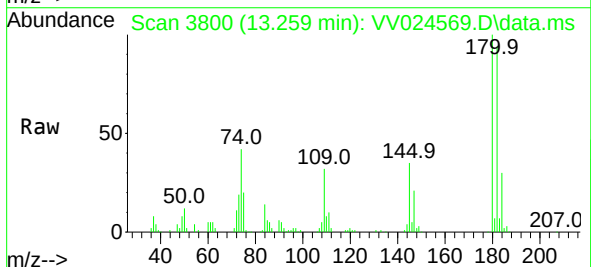
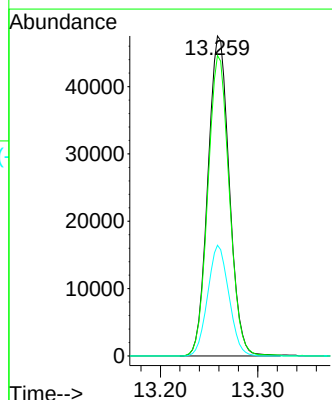
Tgt Ion:180 Resp: 72315

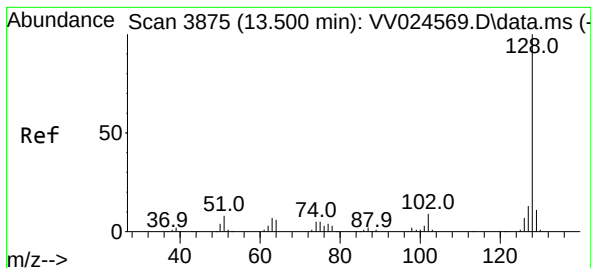
Ion Ratio Lower Upper

180 100

182 94.1 74.4 111.6

145 34.3 23.3 34.9





#71

Naphthalene

Concen: 5.063 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Instrument :

MSVOA_V

ClientSampleId :

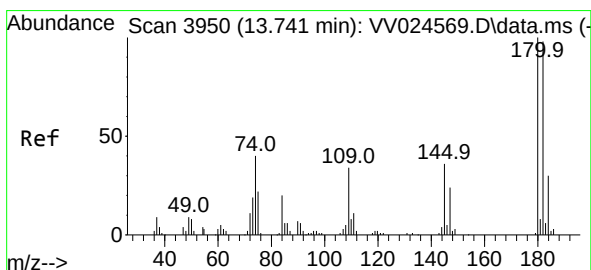
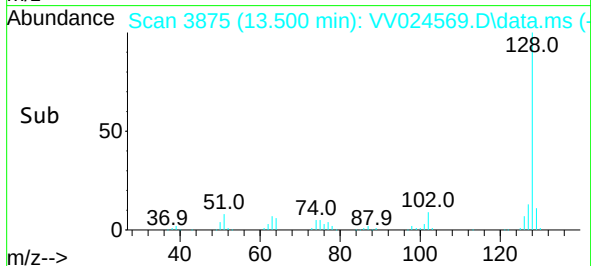
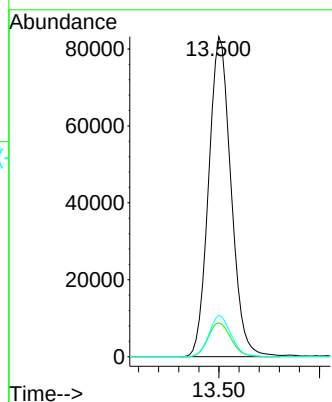
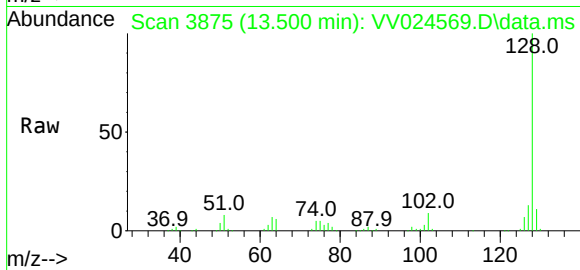
Tgt Ion:128 Resp: 128585

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 12.7 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.150 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024569.D

Acq: 10 Feb 2022 13:49

Tgt Ion:180 Resp: 60737

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 36.2 25.8 38.6

