

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025432.D
 Acq On : 09 Apr 2022 00:12
 Operator : SY/MD
 Sample : N2219-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J6

Quant Time: Apr 09 06:28:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112834	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59672	5.688	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.800%
7) Chloroethane-d5	1.571	69	53495	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.111	63	91180	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.899	46	72879	57.113	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.220%
24) Chloroform-d	4.352	84	80577	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.037	65	39567	5.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.800%
32) Benzene-d6	5.053	84	167236	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.072	67	48079	5.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.317	98	143270	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.625	79	13478	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.088	63	56515	53.163	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31215	5.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50236	6.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	572	0.056	ug/L #	84
3) Chloromethane	1.243	50	975	0.088	ug/L #	81
5) Vinyl chloride	1.314	62	613	0.049	ug/L #	1
9) Trichlorofluoromethane	1.757	101	864	0.049	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1016	0.103	ug/L #	21
12) 1,1-Dichloroethene	2.118	96	1961	0.200	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	544	0.036	ug/L #	56
18) trans-1,2-Dichloroethene	2.770	96	317	0.039	ug/L	78
22) cis-1,2-Dichloroethene	3.918	96	11404	1.321	ug/L	86
25) Chloroform	4.381	83	7699	0.525	ug/L	96
27) 1,2-Dichloroethane	5.056	62	682	0.088	ug/L #	71
31) Carbon tetrachloride	4.831	117	2783	0.250	ug/L	90
34) Trichloroethene	5.915	95	63119	7.206	ug/L	98
35) Methylcyclohexane	6.072	83	11205	0.802	ug/L #	35
37) 1,2-Dichloropropane	6.072	63	5584	0.732	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	978	0.098	ug/L #	72
47) Tetrachloroethene	7.976	164	16360	2.386	ug/L	93
49) Dibromochloromethane	7.976	129	15774	2.811	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6093	1.872	ug/L #	61

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 06:16:16 2022
Response via : Initial Calibration

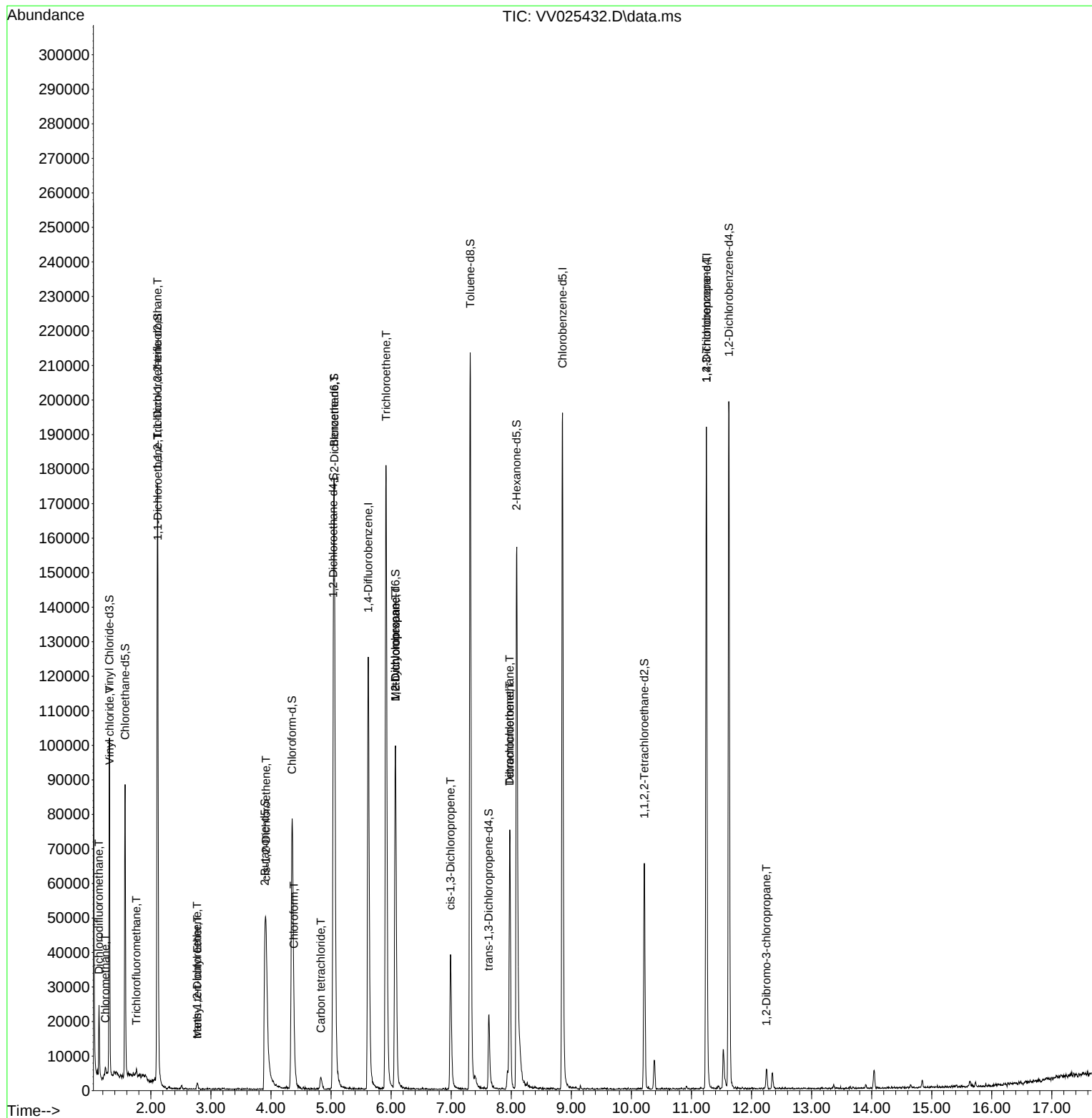
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.246	75	173	0.307	ug/L	# 2

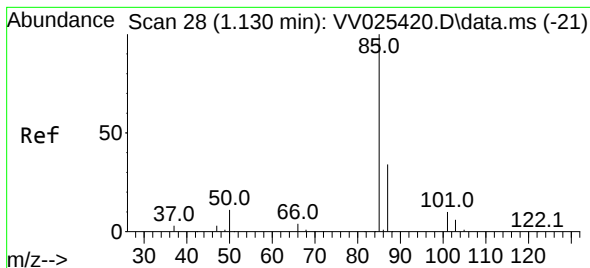
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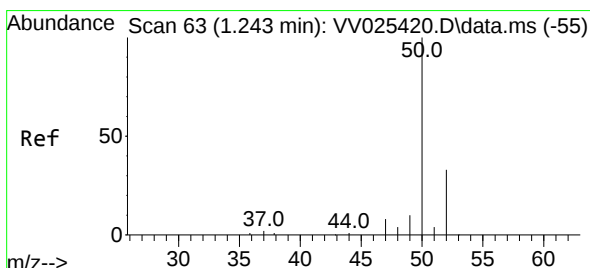
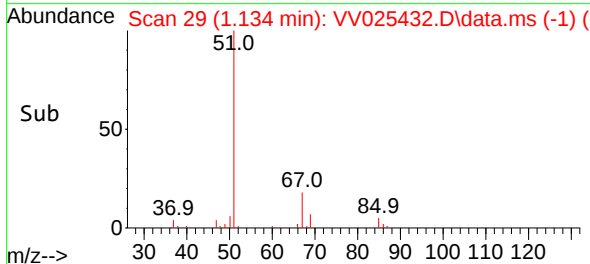
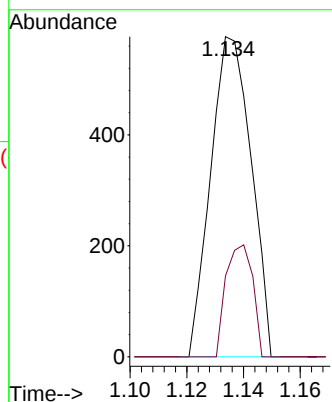
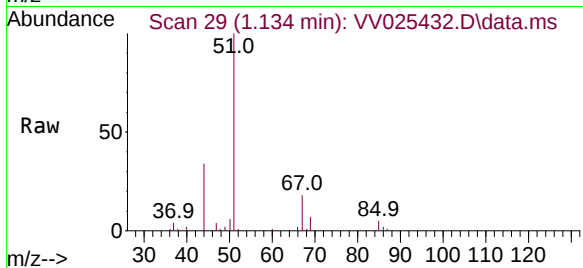




#2
 Dichlorodifluoromethane
 Concen: 0.056 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

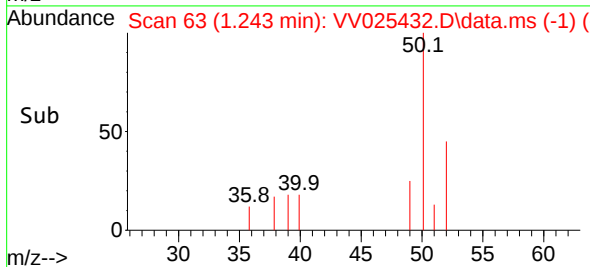
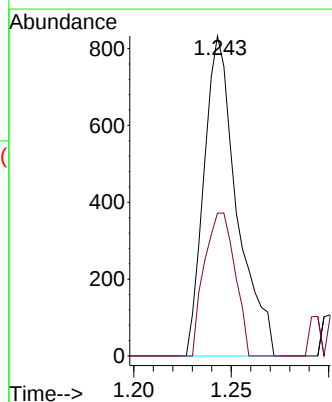
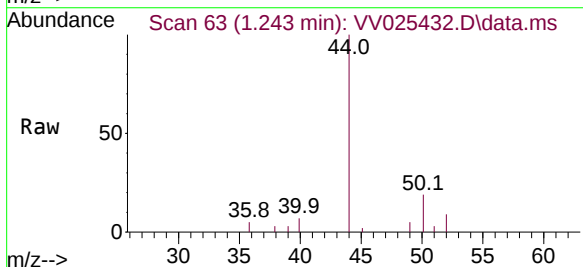
Instrument :
 MSVOA_V
 ClientSampleId :
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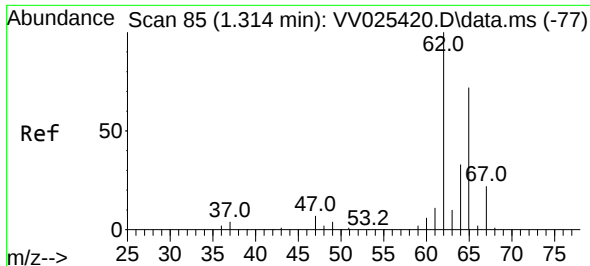
Tgt Ion: 85 Resp: 572
 Ion Ratio Lower Upper
 85 100
 87 23.1 25.6 38.4#



#3
 Chloromethane
 Concen: 0.088 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

Tgt Ion: 50 Resp: 975
 Ion Ratio Lower Upper
 50 100
 52 44.7 23.7 43.9#

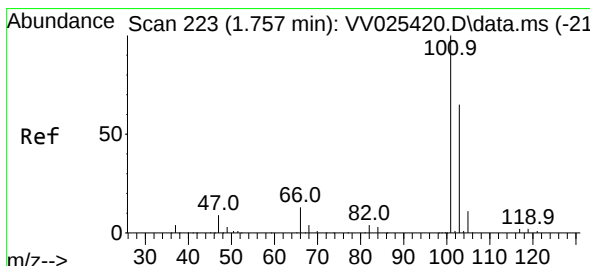
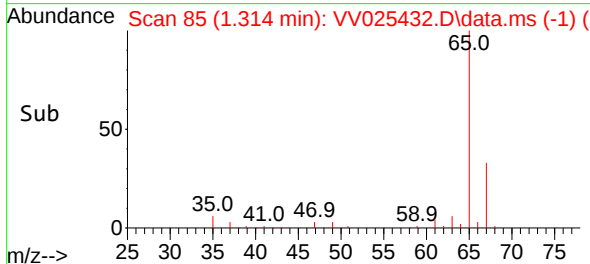
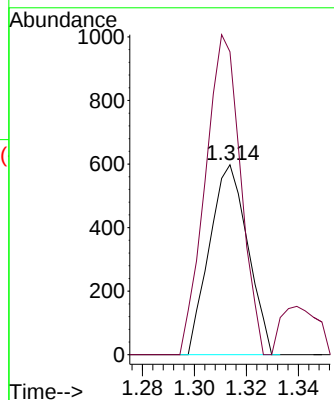
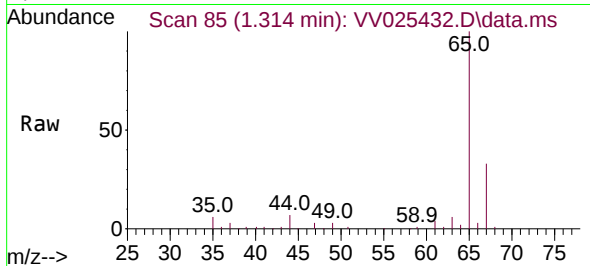




#5
 Vinyl chloride
 Concen: 0.049 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

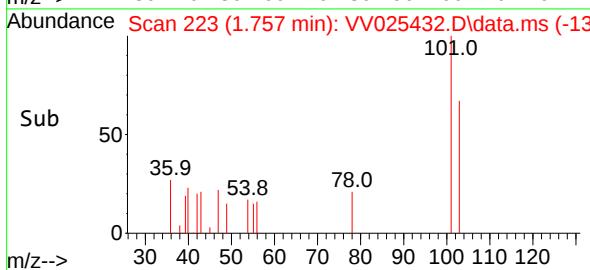
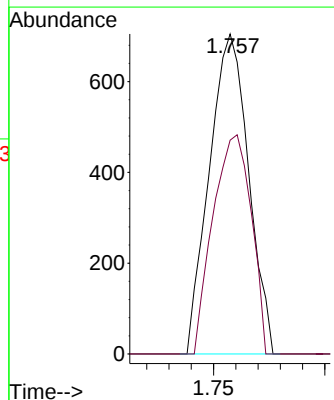
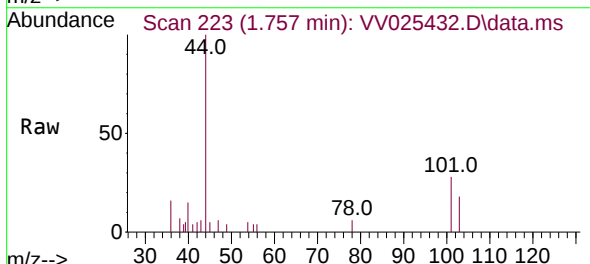
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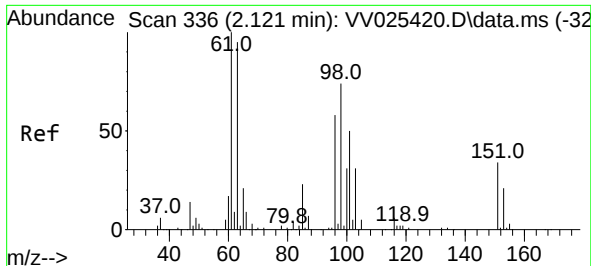
Tgt Ion: 62 Resp: 613
 Ion Ratio Lower Upper
 62 100
 64 159.4 23.2 43.2#



#9
 Trichlorofluoromethane
 Concen: 0.049 ug/L
 RT: 1.757 min Scan# 223
 Delta R.T. -0.000 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

Tgt Ion: 101 Resp: 864
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.9 77.9

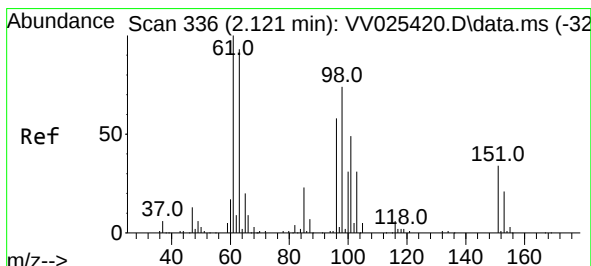
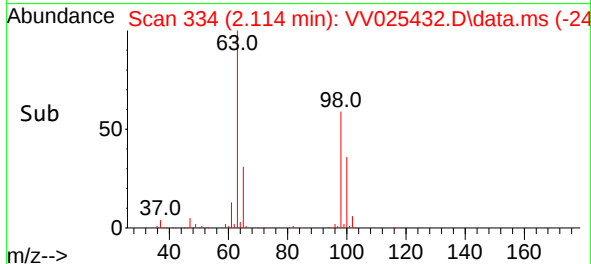
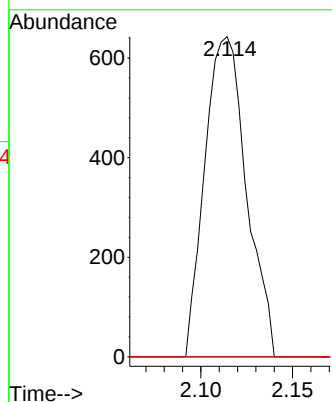
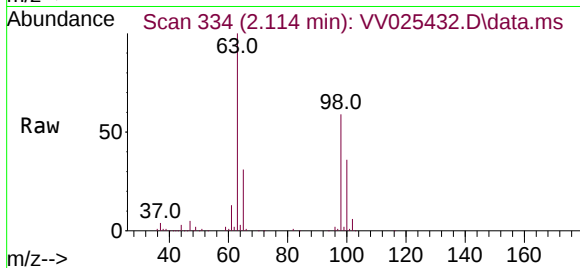




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.103 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

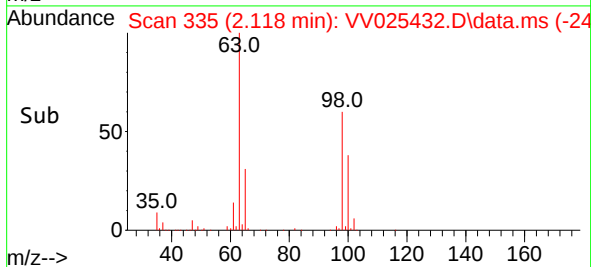
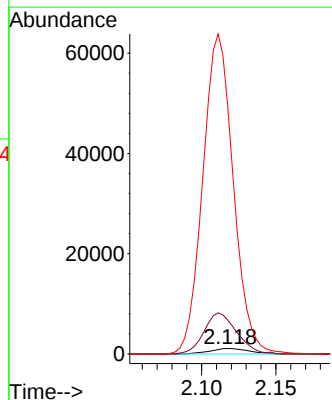
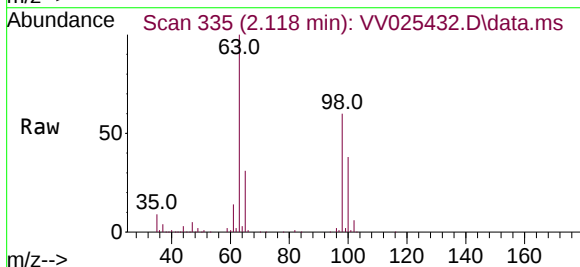
Instrument :
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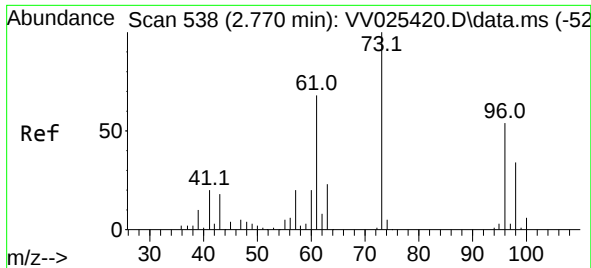
Tgt Ion:101 Resp: 1016
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 0.0 56.0 84.0#



#12
 1,1-Dichloroethene
 Concen: 0.200 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

Tgt Ion: 96 Resp: 1961
 Ion Ratio Lower Upper
 96 100
 61 614.2 125.2 232.4#
 63 4482.0 114.4 212.4#

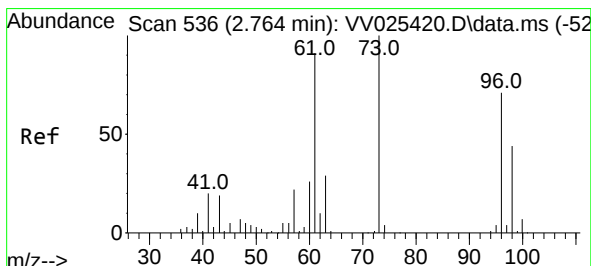
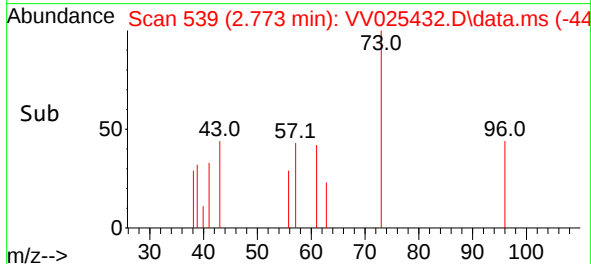
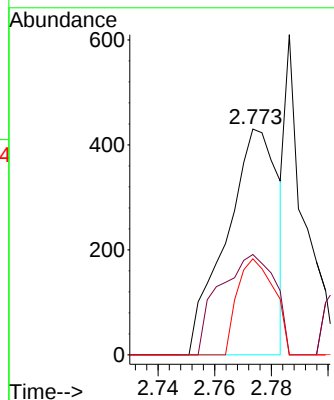
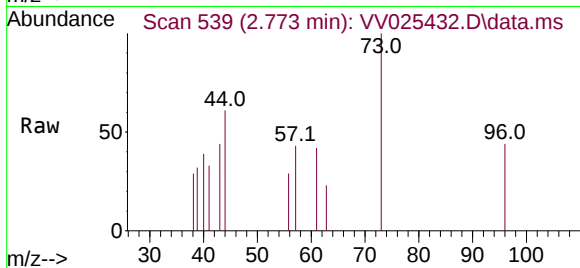




#17
Methyl tert-butyl Ether
Concen: 0.036 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

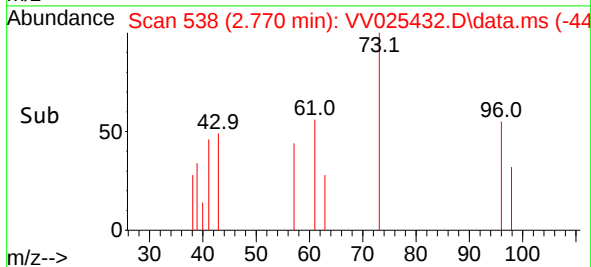
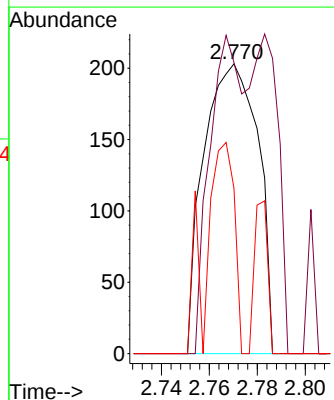
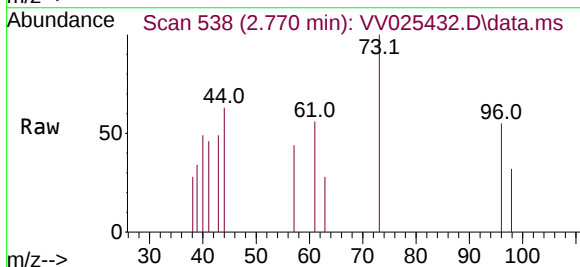
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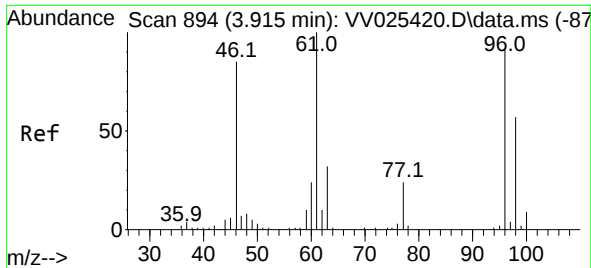
Tgt Ion: 73 Resp: 544
Ion Ratio Lower Upper
73 100
43 47.6 14.2 21.4#
57 30.3 16.1 24.1#



#18
trans-1,2-Dichloroethene
Concen: 0.039 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

Tgt Ion: 96 Resp: 317
Ion Ratio Lower Upper
96 100
61 100.5 92.1 171.1
98 57.1 47.5 88.1

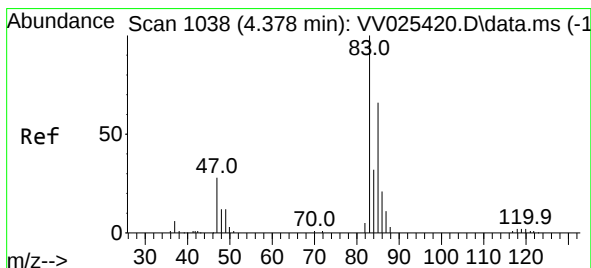
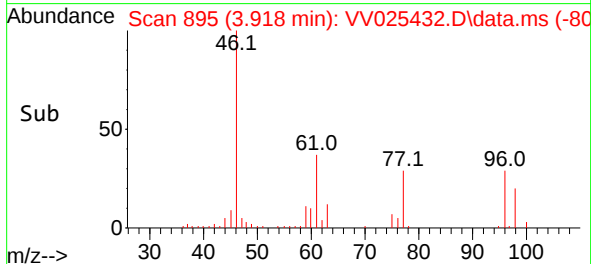
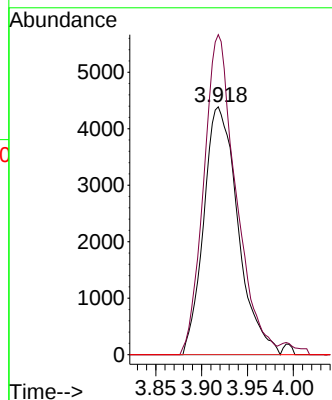
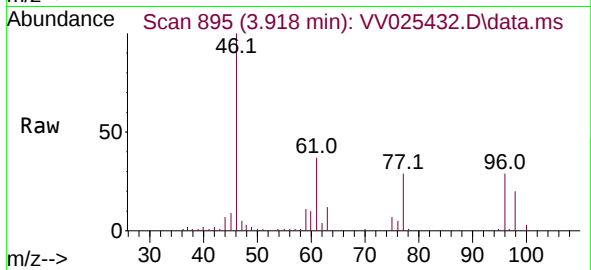




#22
 cis-1,2-Dichloroethene
 Concen: 1.321 ug/L
 RT: 3.918 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

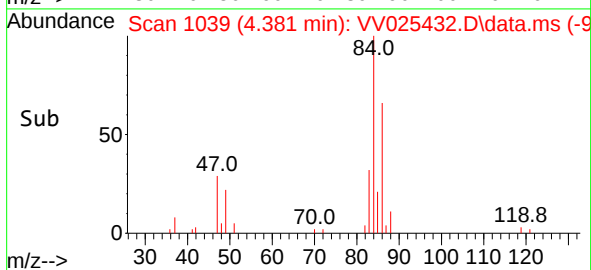
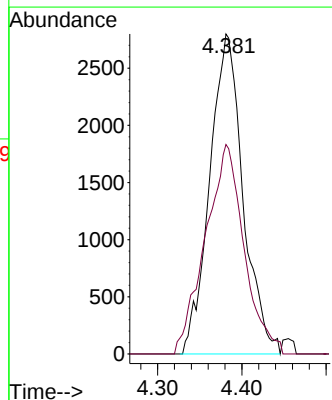
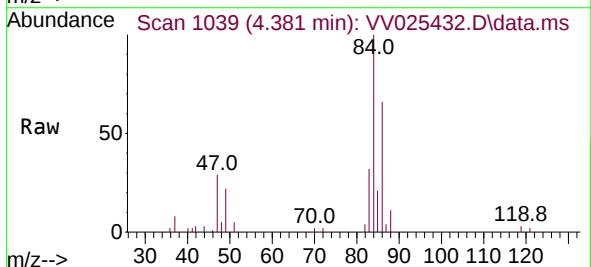
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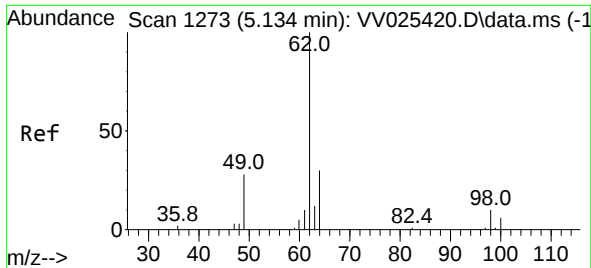
Tgt Ion: 96 Resp: 11404
 Ion Ratio Lower Upper
 96 100
 61 129.1 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.525 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.003 min
 Lab File: VV025432.D
 Acq: 09 Apr 2022 00:12

Tgt Ion: 83 Resp: 7699
 Ion Ratio Lower Upper
 83 100
 85 65.5 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.088 ug/L

RT: 5.056 min Scan# 1129

Delta R.T. -0.077 min

Lab File: VV025432.D

Acq: 09 Apr 2022 00:12

Instrument :

MSVOA_V

ClientSampleId :

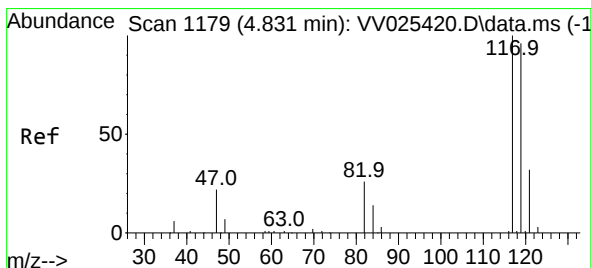
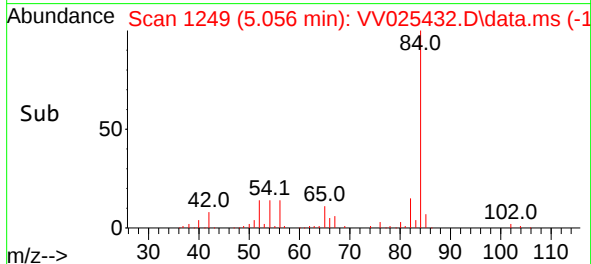
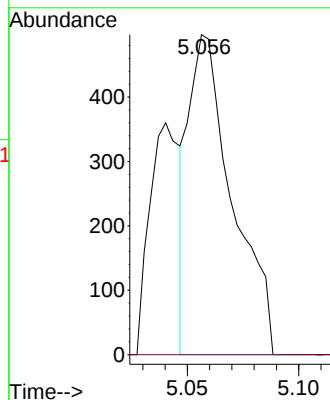
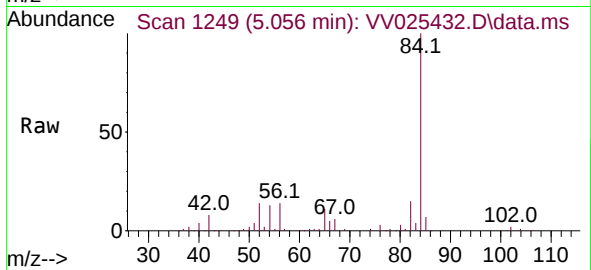
YB2J6

Tgt Ion: 62 Resp: 682

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#31

Carbon tetrachloride

Concen: 0.250 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VV025432.D

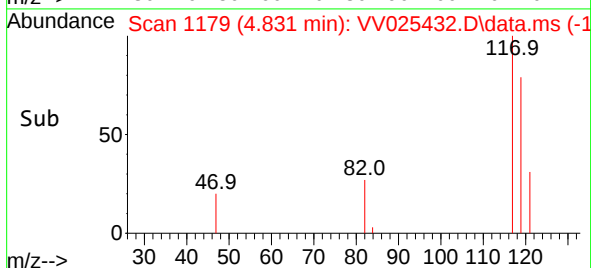
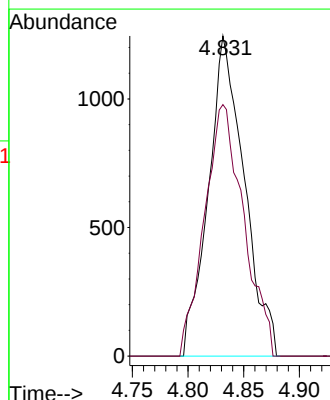
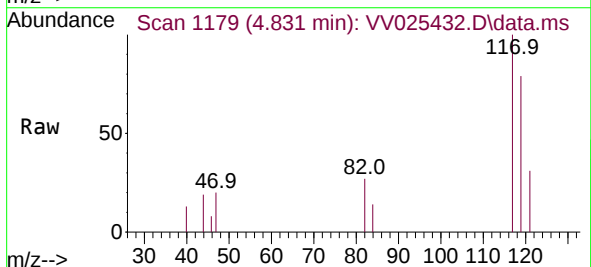
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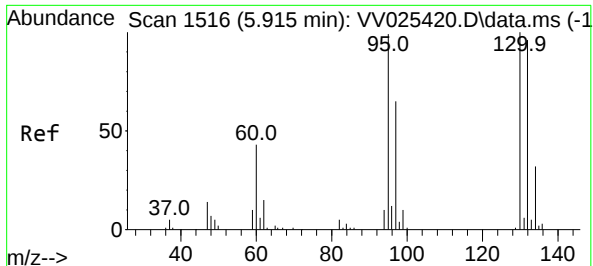
Tgt Ion: 117 Resp: 2783

Ion Ratio Lower Upper

117 100

119 85.7 76.6 114.8

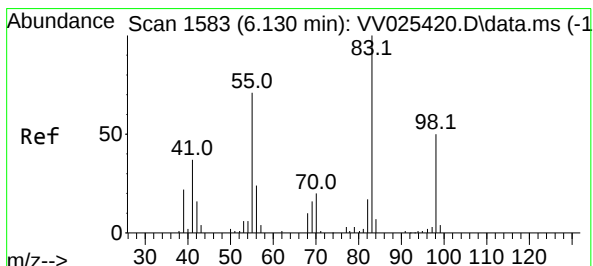
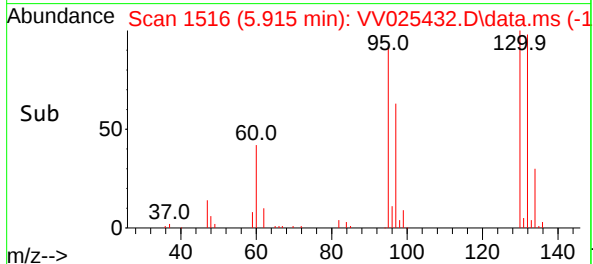
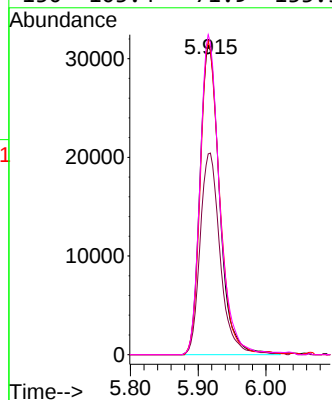
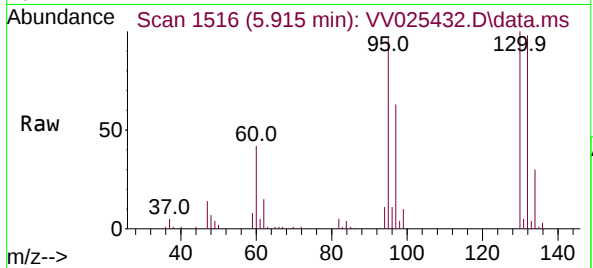




#34
Trichloroethene
Concen: 7.206 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

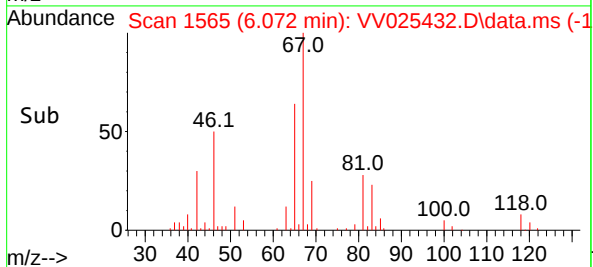
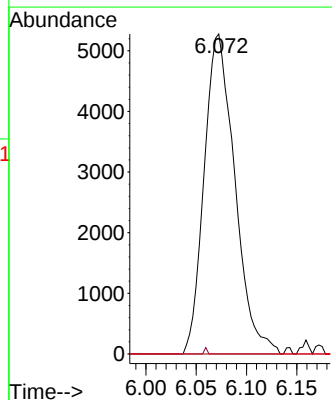
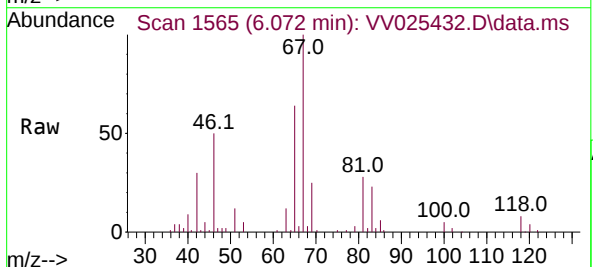
Instrument :
MSVOA_V
ClientSampleId :
YB2J6

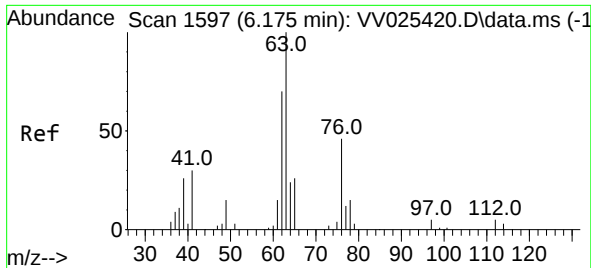
Tgt Ion: 95 Resp: 63119
Ion Ratio Lower Upper
95 100
97 64.9 45.8 85.2
132 101.5 68.0 126.4
130 103.4 71.9 133.5



#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

Tgt Ion: 83 Resp: 11205
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 22.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025432.D

Acq: 09 Apr 2022 00:12

Instrument :

MSVOA_V

ClientSampleId :

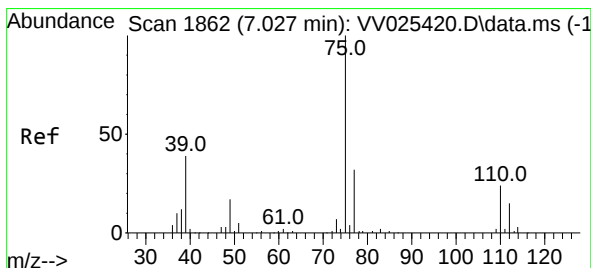
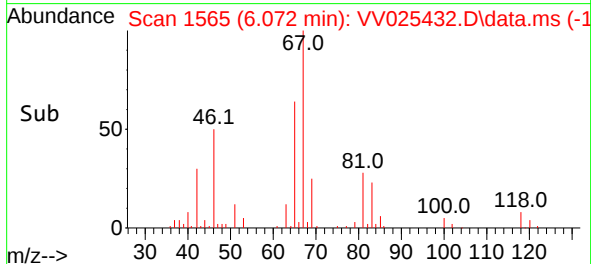
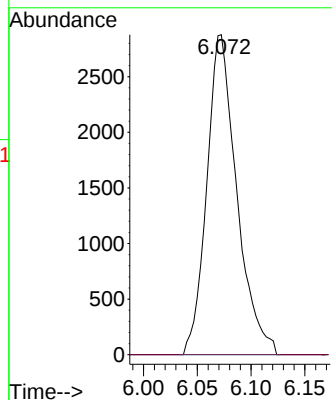
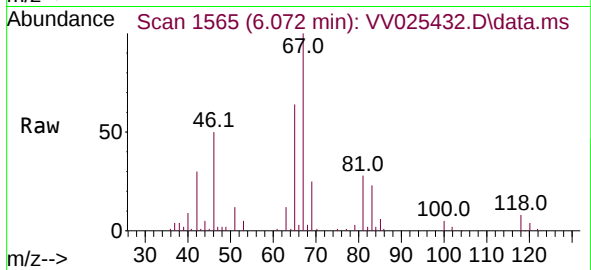
YB2J6

Tgt Ion: 63 Resp: 5584

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV025432.D

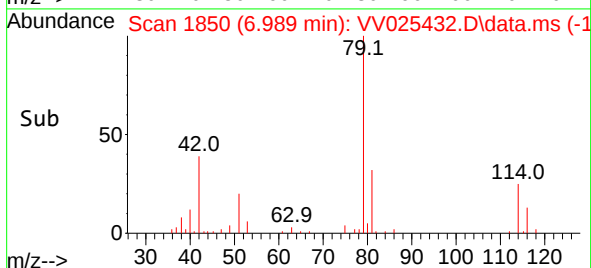
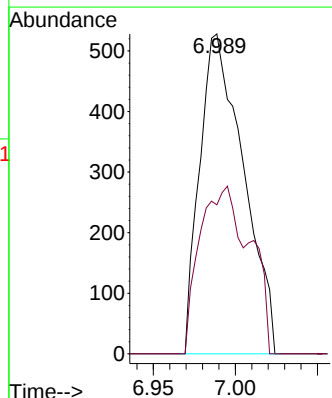
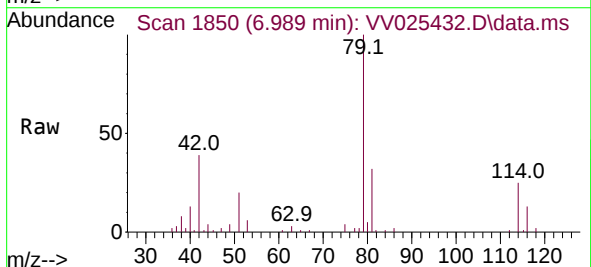
Acq: 09 Apr 2022 00:12

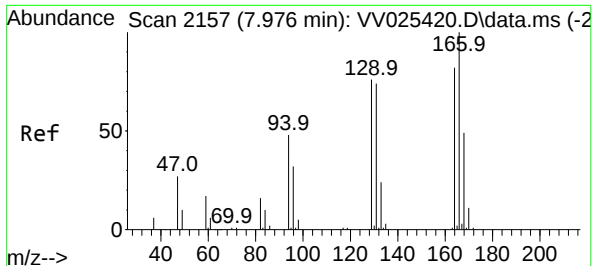
Tgt Ion: 75 Resp: 978

Ion Ratio Lower Upper

75 100

77 46.6 21.8 40.6#

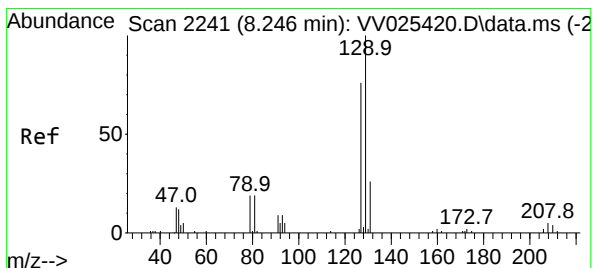
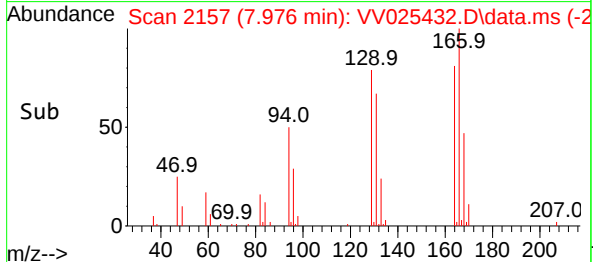
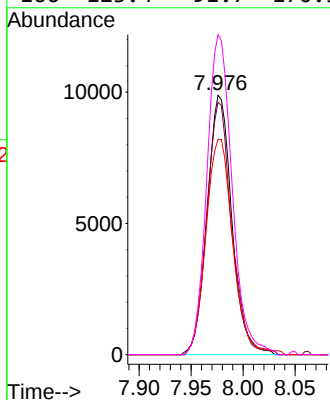
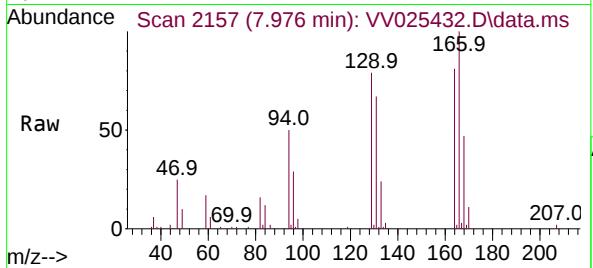




#47
Tetrachloroethene
Concen: 2.386 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

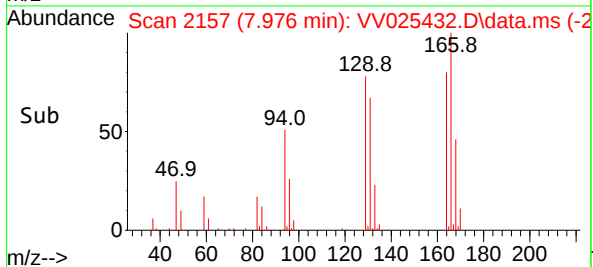
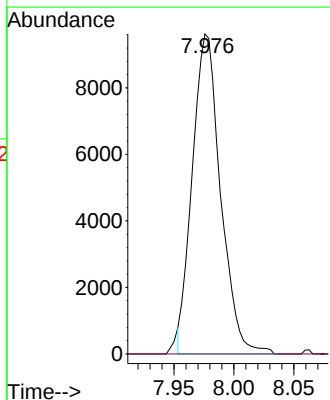
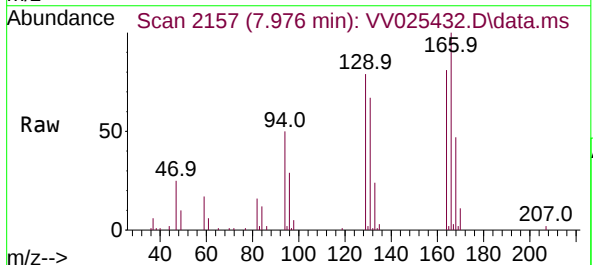
Instrument :
MSVOA_V
ClientSampleId :
YB2J6

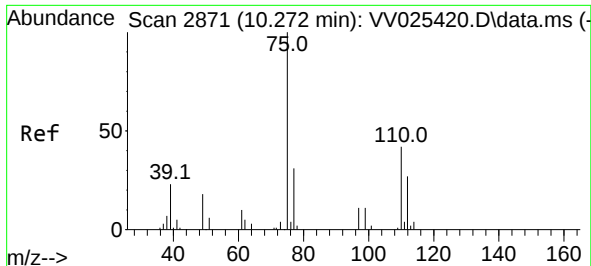
Tgt Ion:	164	Resp:	16360
Ion	Ratio	Lower	Upper
164	100		
129	97.4	66.8	124.2
131	83.0	66.4	123.4
166	123.4	91.7	170.3



#49
Dibromochloromethane
Concen: 2.811 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

Tgt Ion:	129	Resp:	15774
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#

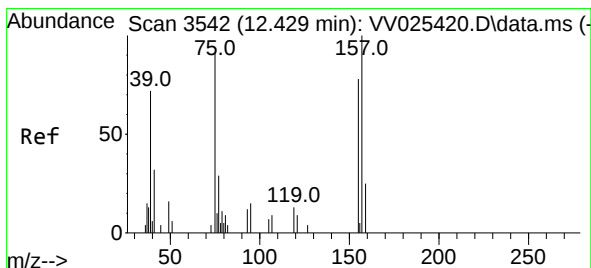
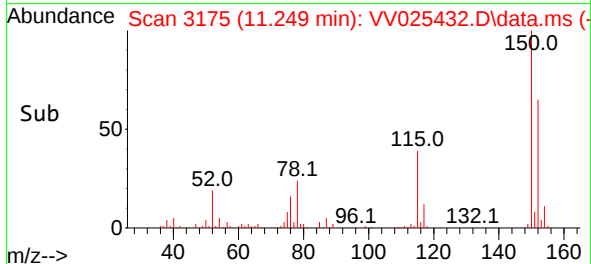
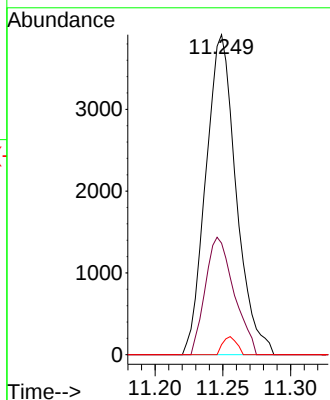
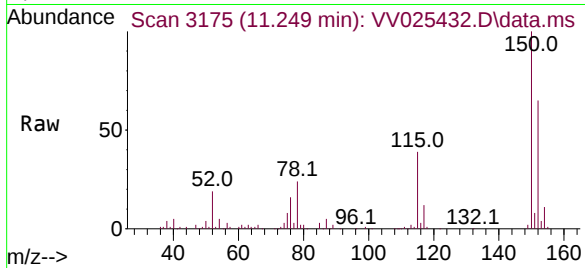




#61
1,2,3-Trichloropropane
Concen: 1.872 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

Instrument :
MSVOA_V
ClientSampleId :
YB2J6

Tgt Ion: 75 Resp: 6093
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4
110 2.6 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.307 ug/L
RT: 12.246 min Scan# 3485
Delta R.T. -0.183 min
Lab File: VV025432.D
Acq: 09 Apr 2022 00:12

Tgt Ion: 75 Resp: 173
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

