

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011822\
 Data File : VW024387.D
 Acq On : 18 Jan 2022 12:36
 Operator : SY/MD
 Sample : N1114-20ME
 Misc : 5.74g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLR2ME

Quant Time: Jan 19 01:04:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 19 01:03:04 2022
 Response via : Initial Calibration

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

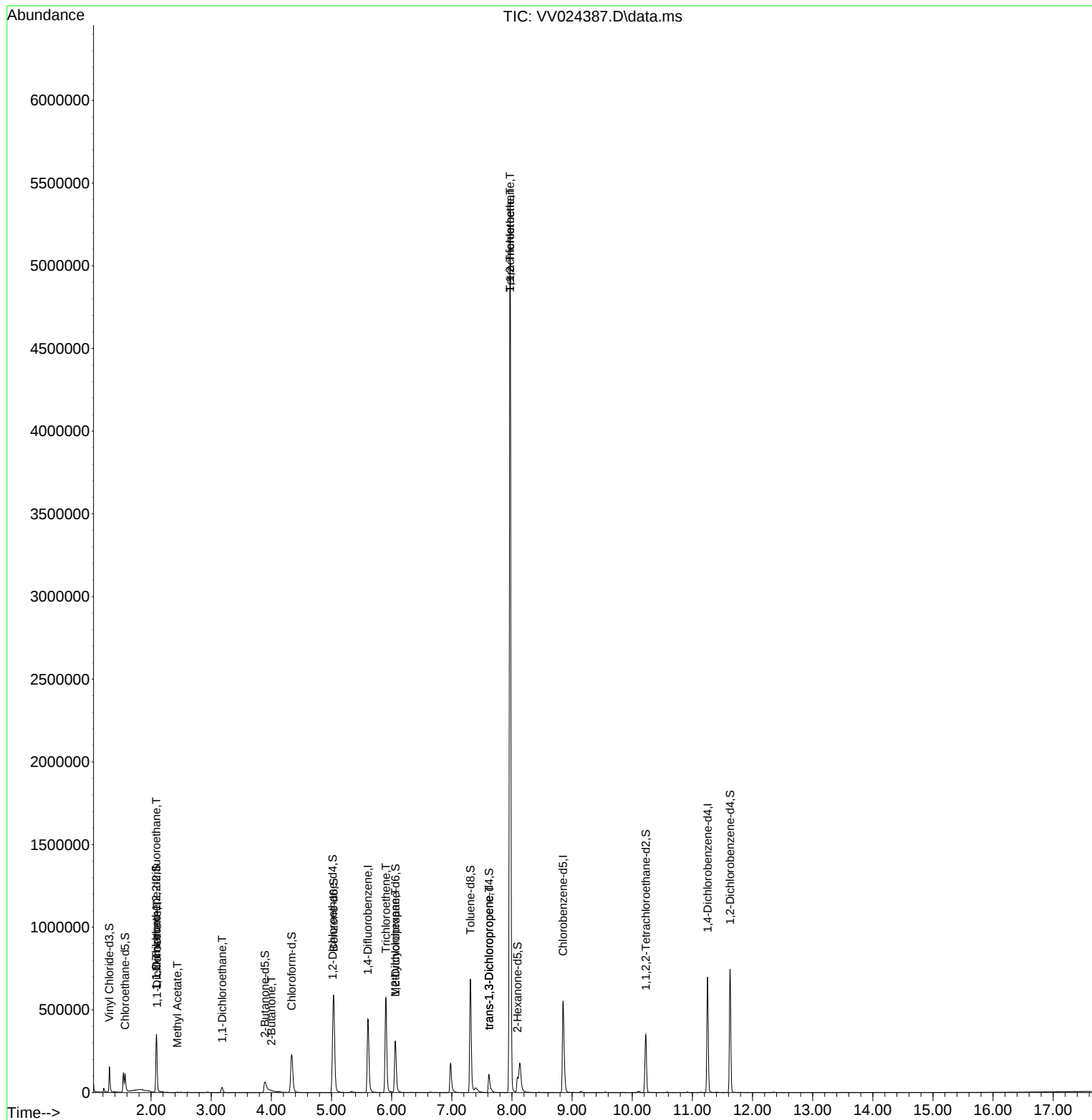
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	409519	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	384680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	191787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	115244	39.102	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.200%		
7) Chloroethane-d5	1.568	69	75640	33.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.560%#		
11) 1,1-Dichloroethene-d2	2.089	63	173426	31.484	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.960%		
21) 2-Butanone-d5	3.892	46	139797	85.136	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.140%		
24) Chloroform-d	4.339	84	244186	45.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.660%		
26) 1,2-Dichloroethane-d4	5.021	65	162993	45.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
32) Benzene-d6	5.037	84	502247	50.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.060%		
36) 1,2-Dichloropropane-d6	6.063	67	155951	55.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.860%		
41) Toluene-d8	7.310	98	480175	49.403	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.800%		
43) trans-1,3-Dichloroprop...	7.619	79	79734	49.219	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.440%		
47) 2-Hexanone-d5	8.091	63	30399	24.871	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	24.870%#		
56) 1,1,2,2-Tetrachloroeth...	10.226	84	185188	46.061	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.120%		
66) 1,2-Dichlorobenzene-d4	11.628	152	195742	51.204	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.400%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.089	101	1843	0.714	ug/L #	16
12) 1,1-Dichloroethene	2.098	96	14884	5.967	ug/L #	1
15) Methyl Acetate	2.436	43	3007	1.275	ug/L	94
19) 1,1-Dichloroethane	3.182	63	31374	7.359	ug/L	97
22) 2-Butanone	3.998	43	15181	8.815	ug/L	77
34) Trichloroethene	5.905	95	189695	70.327	ug/L	98
35) Methylcyclohexane	6.059	83	39001	9.749	ug/L #	20
44) trans-1,3-Dichloropropene	7.619	75	3532	0.900	ug/L	96
45) 1,1,2-Trichloroethane	7.969	97	9856	3.821	ug/L #	1
46) Tetrachloroethene	7.969	164	1199249	488.479	ug/L	98

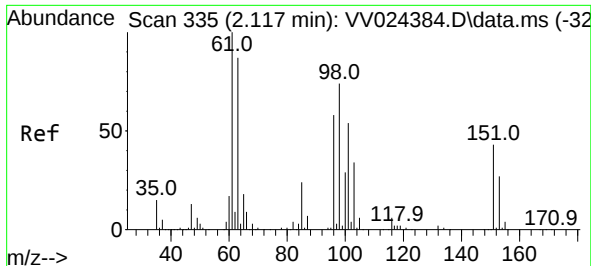
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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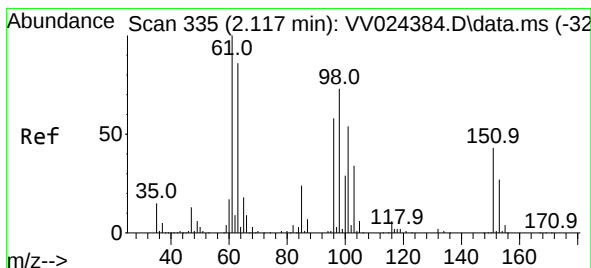
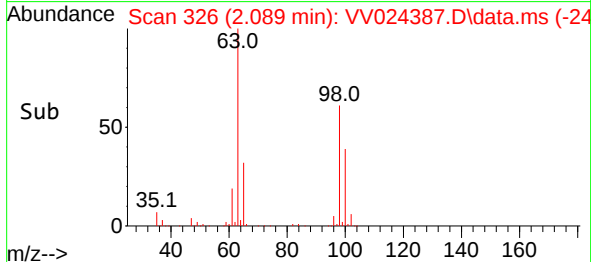
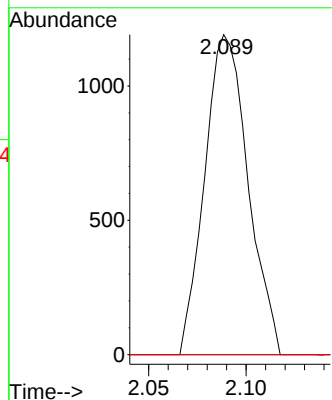
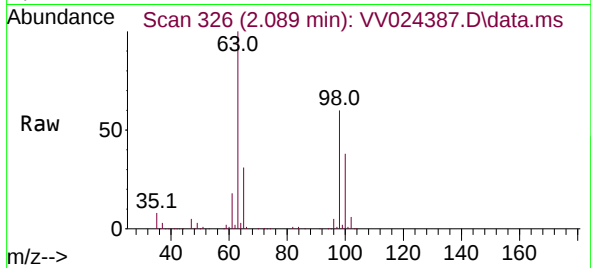




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.714 ug/L
RT: 2.089 min Scan# 31
Delta R.T. -0.029 min
Lab File: VV024387.D
Acq: 18 Jan 2022 12:36

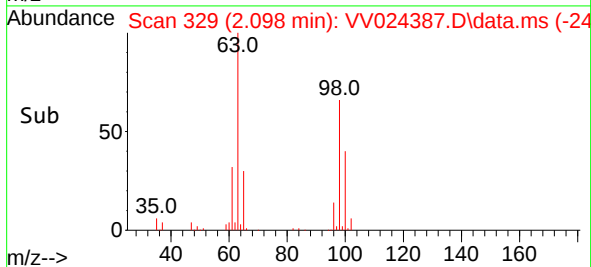
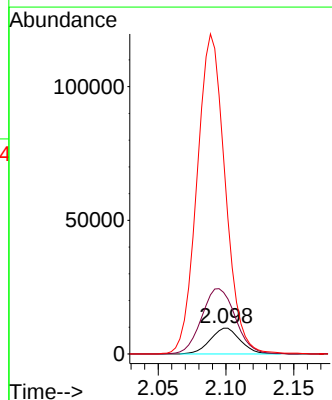
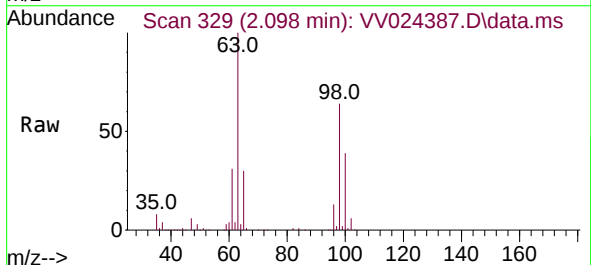
Instrument :
MSVOA_V
ClientSampleId :
BGLR2ME

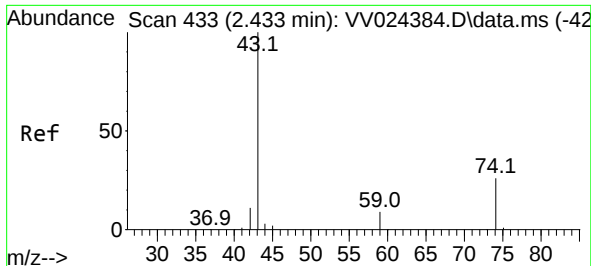
Tgt Ion:101 Resp: 1843
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 67.1 100.7#



#12
1,1-Dichloroethene
Concen: 5.967 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.019 min
Lab File: VV024387.D
Acq: 18 Jan 2022 12:36

Tgt Ion: 96 Resp: 14884
Ion Ratio Lower Upper
96 100
61 238.7 111.9 207.9#
63 761.5 82.7 153.5#





#15

Methyl Acetate

Concen: 1.275 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024387.D

Acq: 18 Jan 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

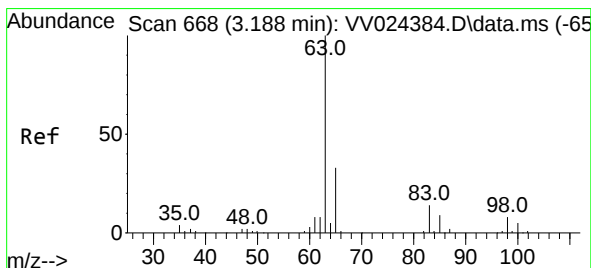
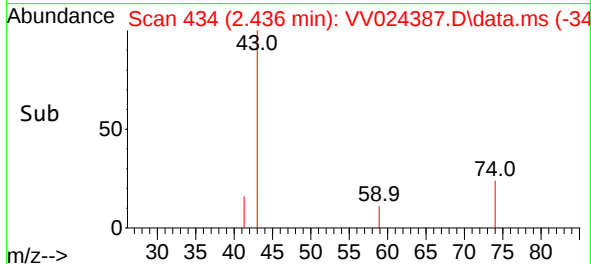
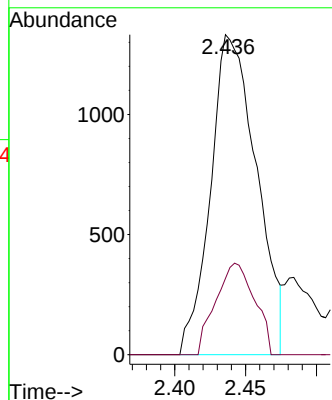
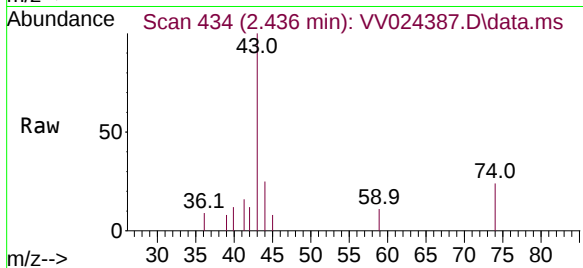
BGLR2ME

Tgt Ion: 43 Resp: 3007

Ion Ratio Lower Upper

43 100

74 24.1 21.8 32.8



#19

1,1-Dichloroethane

Concen: 7.359 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.006 min

Lab File: VV024387.D

Acq: 18 Jan 2022 12:36

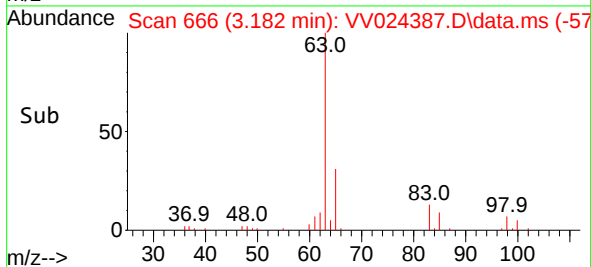
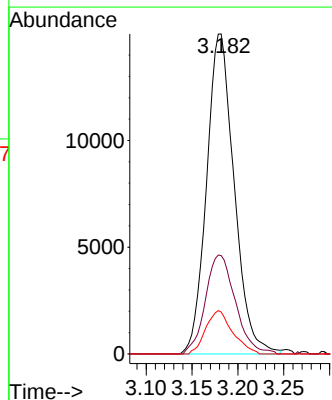
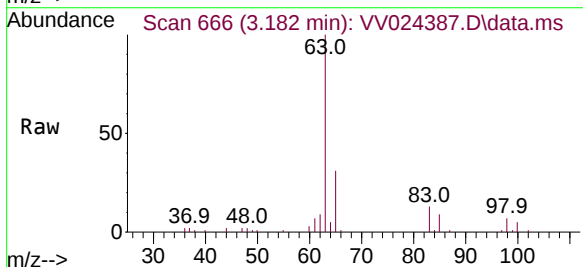
Tgt Ion: 63 Resp: 31374

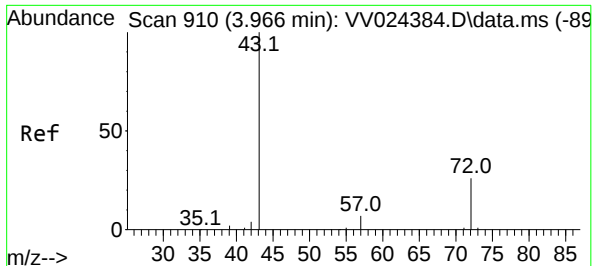
Ion Ratio Lower Upper

63 100

65 30.7 22.4 41.6

83 13.1 10.6 19.6

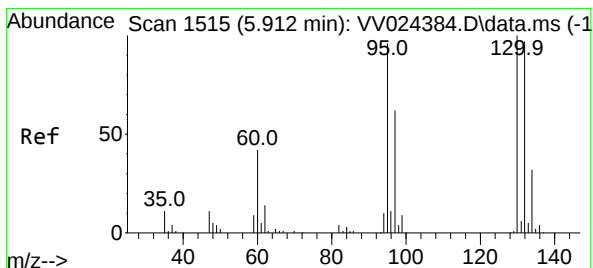
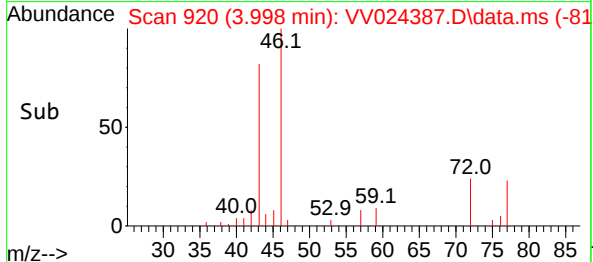
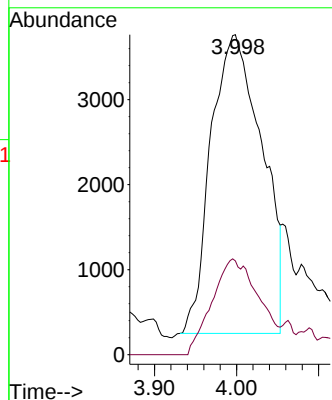
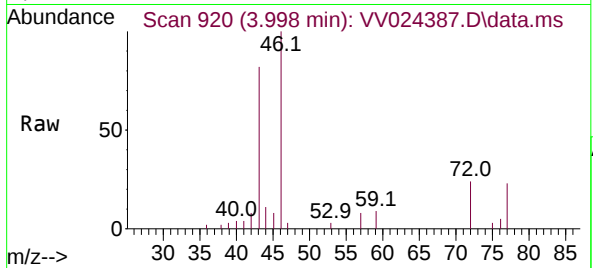




#22
2-Butanone
Concen: 8.815 ug/L
RT: 3.998 min Scan# 910
Delta R.T. 0.032 min
Lab File: VV024387.D
Acq: 18 Jan 2022 12:36

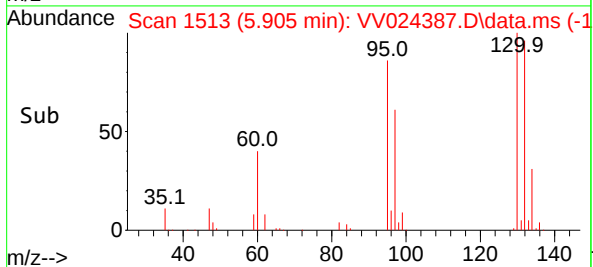
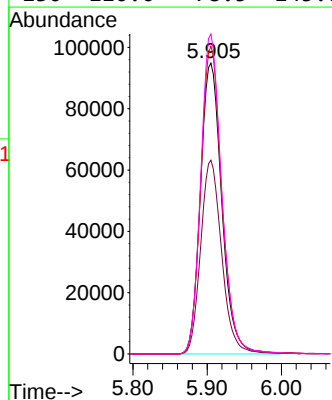
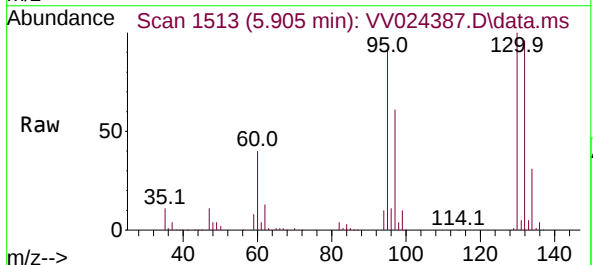
Instrument :
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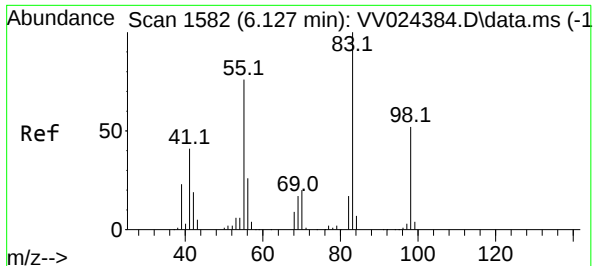
Tgt Ion: 43 Resp: 15181
Ion Ratio Lower Upper
43 100
72 17.5 14.9 44.9



#34
Trichloroethene
Concen: 70.327 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VV024387.D
Acq: 18 Jan 2022 12:36

Tgt Ion: 95 Resp: 189695
Ion Ratio Lower Upper
95 100
97 66.6 44.1 81.9
132 105.8 75.1 139.5
130 110.0 78.5 145.7





#35

Methylcyclohexane

Concen: 9.749 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.068 min

Lab File: VV024387.D

Acq: 18 Jan 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

BGLR2ME

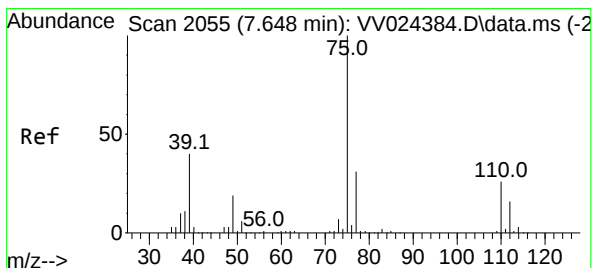
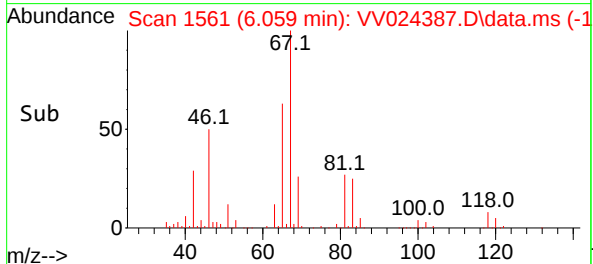
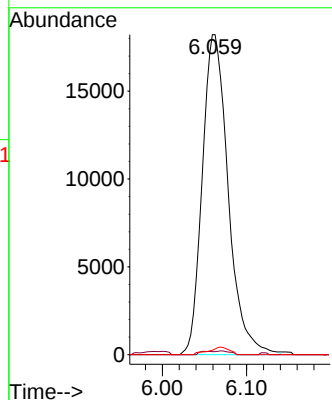
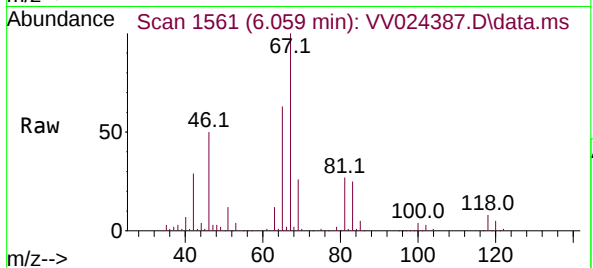
Tgt Ion: 83 Resp: 39001

Ion Ratio Lower Upper

83 100

55 0.5 55.6 83.4#

98 0.0 41.3 61.9#



#44

trans-1,3-Dichloropropene

Concen: 0.900 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.029 min

Lab File: VV024387.D

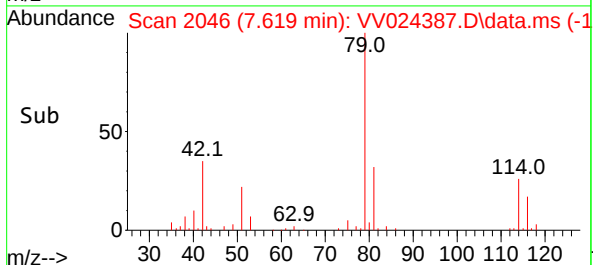
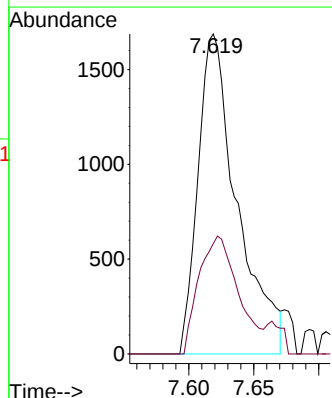
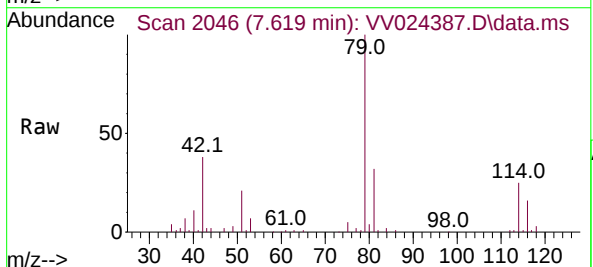
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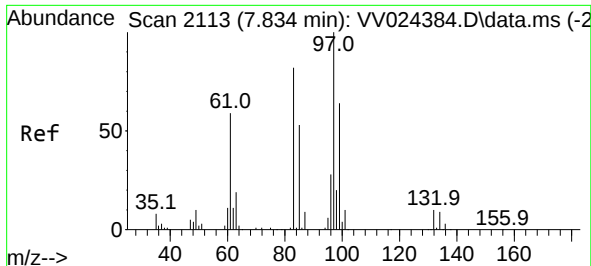
Tgt Ion: 75 Resp: 3532

Ion Ratio Lower Upper

75 100

77 34.5 22.7 42.1



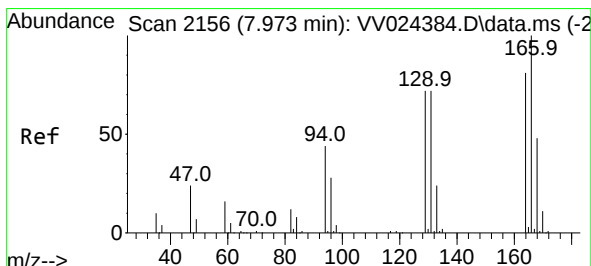
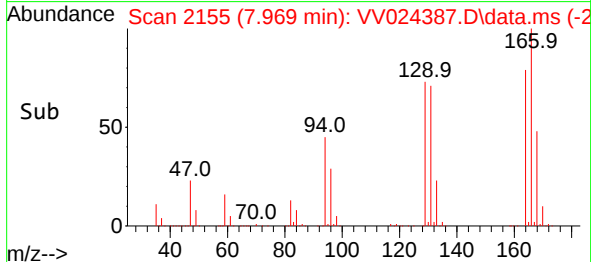
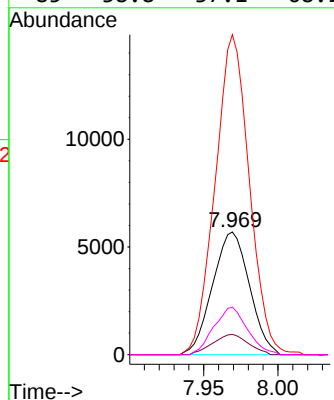
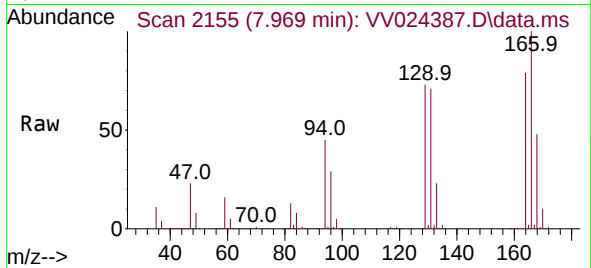


#45
1,1,2-Trichloroethane
Concen: 3.821 ug/L
RT: 7.969 min Scan# 2113
Delta R.T. 0.135 min
Lab File: VV024387.D
Acq: 18 Jan 2022 12:36

Instrument :
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ClientSampleId :
BGLR2ME

Tgt Ion: 97 Resp: 9856

Ion	Ratio	Lower	Upper
97	100		
99	16.6	42.4	78.8#
83	260.6	57.9	107.5#
85	38.8	37.1	68.9



#46
Tetrachloroethene
Concen: 488.479 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV024387.D
Acq: 18 Jan 2022 12:36

Tgt Ion:164 Resp: 1199249

Ion	Ratio	Lower	Upper
164	100		
129	93.5	61.5	114.1
131	89.7	62.2	115.4
166	127.2	89.9	166.9

