

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022422\
 Data File : VW024816.D
 Acq On : 24 Feb 2022 12:19
 Operator : SY/MD
 Sample : N1623-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 25 03:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 25 03:28:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	182323	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	172646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81159	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79252	5.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.400%	
7) Chloroethane-d5	1.568	69	64338	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 101.400%	
11) 1,1-Dichloroethene-d2	2.111	63	110927	3.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 78.200%	
20) 2-Butanone-d5	3.889	46	121714	55.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 110.200%	
24) Chloroform-d	4.349	84	132337	5.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.600%	
26) 1,2-Dichloroethane-d4	5.034	65	53681	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 99.800%	
32) Benzene-d6	5.050	84	272456	5.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.400%	
36) 1,2-Dichloropropane-d6	6.069	67	80822	5.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.200%	
41) Toluene-d8	7.313	98	244260	5.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.000%	
43) trans-1,3-Dichloroprop...	7.622	79	26408	5.408	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 108.200%	
46) 2-Hexanone-d5	8.088	63	105088	54.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 109.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51187	5.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 115.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	74441	5.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.577	64	30767	2.562	ug/L #	53
13) Acetone	2.133	43	2412815	1548.923	ug/L	53
14) Carbon disulfide	2.301	76	3969	0.100	ug/L #	94
15) Methyl Acetate	2.500	43	6406386	1570.874	ug/L #	49
16) Methylene chloride	2.455	84	11181	0.800	ug/L #	3
17) Methyl tert-butyl Ether	2.764	73	2686	0.096	ug/L #	1
21) 2-Butanone	3.883	43	62269	25.868	ug/L #	49
25) Chloroform	4.410	83	77689	2.929	ug/L #	54
27) 1,2-Dichloroethane	5.098	62	2523	0.178	ug/L #	1
30) Cyclohexane	4.677	56	588308	25.033	ug/L	92
33) Benzene	5.101	78	294972	5.046	ug/L	100
34) Trichloroethene	5.944	95	22464	1.451	ug/L #	19
35) Methylcyclohexane	6.130	83	608020	24.305	ug/L #	79
38) Bromodichloromethane	6.535	83	17304	0.995	ug/L #	28
40) 4-Methyl-2-pentanone	7.262	43	63144	9.612	ug/L #	73
42) Toluene	7.390	91	41737	0.671	ug/L	99
45) 1,1,2-Trichloroethane	7.786	97	155316	17.287	ug/L #	19
52) Ethylbenzene	9.011	91	114337	1.683	ug/L	99
53) m,p-xylene	9.136	106	34831	1.357	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022422\
 Data File : VV024816.D
 Acq On : 24 Feb 2022 12:19
 Operator : SY/MD
 Sample : N1623-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 25 03:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 25 03:28:05 2022
 Response via : Initial Calibration

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

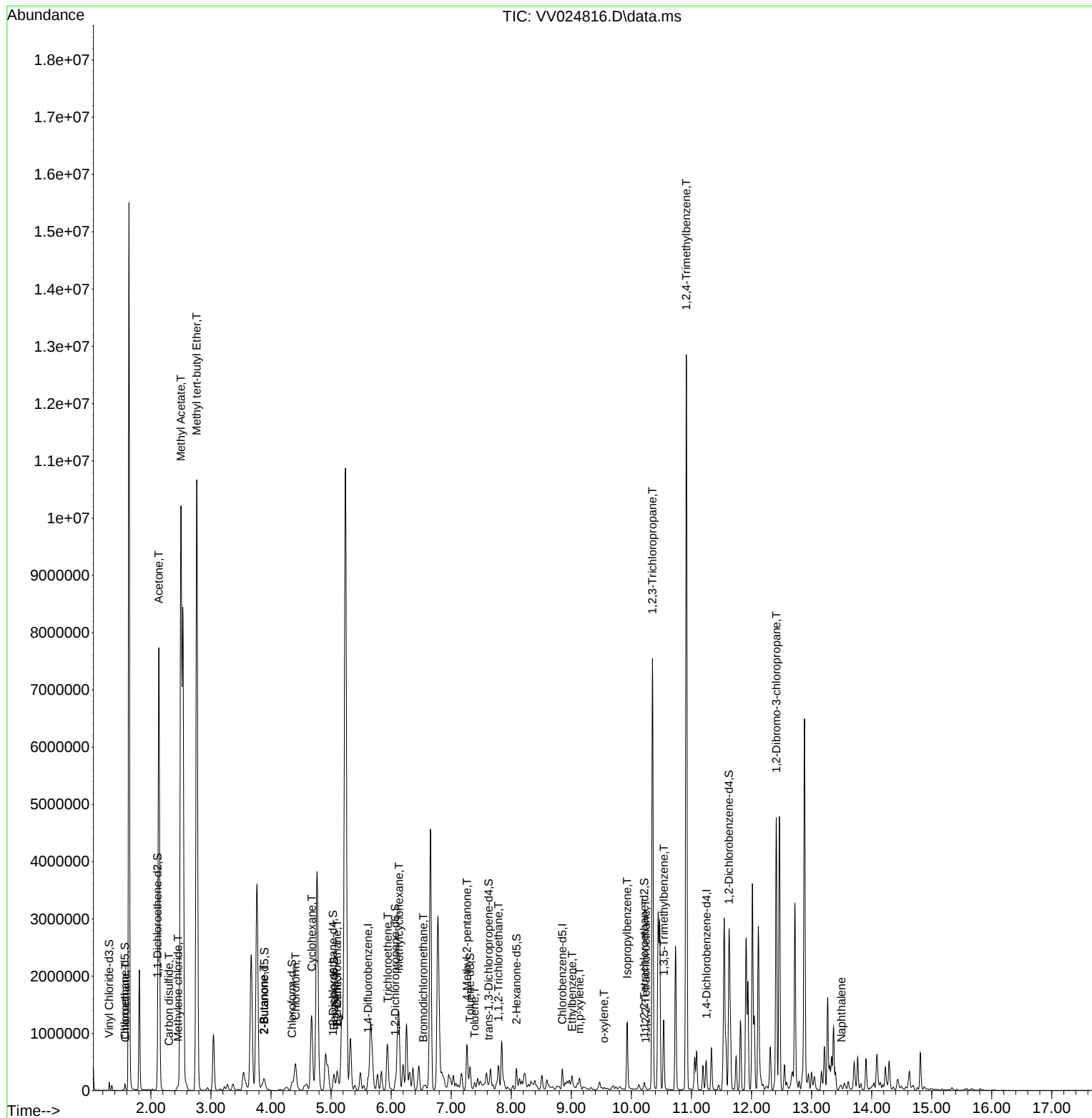
54) o-xylene	9.545	106	7108	0.283	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	3020	0.318	ug/L #	44
60) Isopropylbenzene	9.931	105	744588	11.091	ug/L	100
61) 1,2,3-Trichloropropane	10.352	75	33215	4.516	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.538	105	655721	11.717	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	7047619	126.870	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	18834	14.977	ug/L #	7
71) Naphthalene	13.500	128	19634	0.730	ug/L #	12

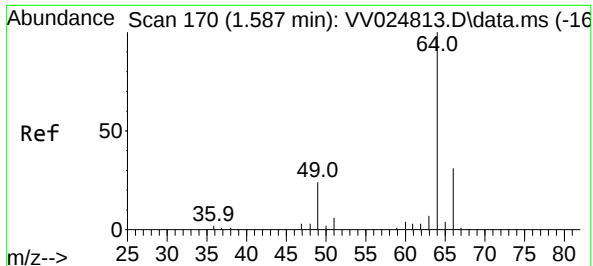
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022422\
Data File : VV024816.D
Acq On : 24 Feb 2022 12:19
Operator : SY/MD
Sample : N1623-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 25 03:29:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 25 03:28:05 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.562 ug/L

RT: 1.577 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

Instrument :

MSVOA_V

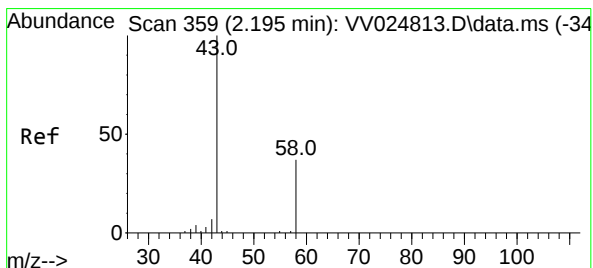
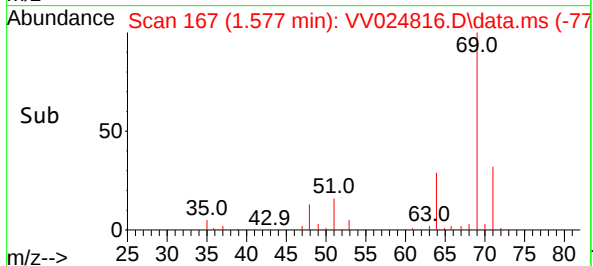
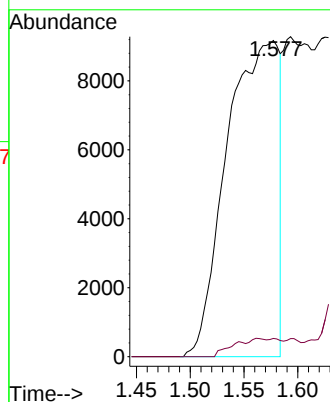
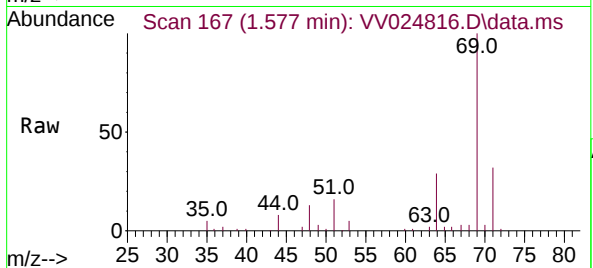
ClientSampleId :

Tgt Ion: 64 Resp: 30767

Ion Ratio Lower Upper

64 100

66 5.8 22.5 41.9#



#13

Acetone

Concen: 1548.923 ug/L

RT: 2.133 min Scan# 340

Delta R.T. -0.061 min

Lab File: VV024816.D

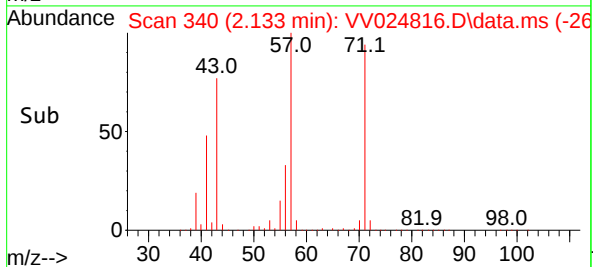
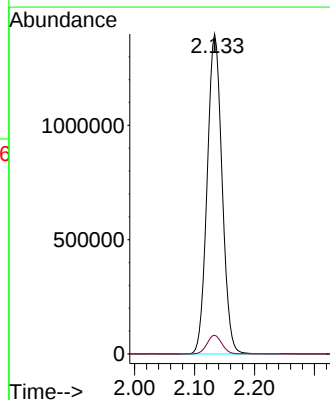
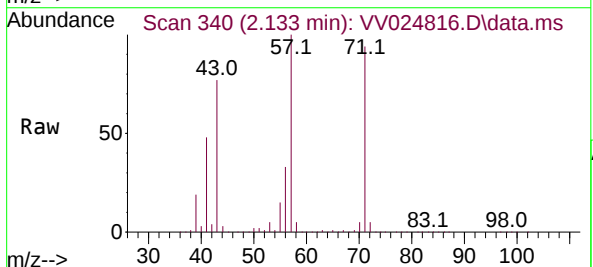
Acq: 24 Feb 2022 12:19

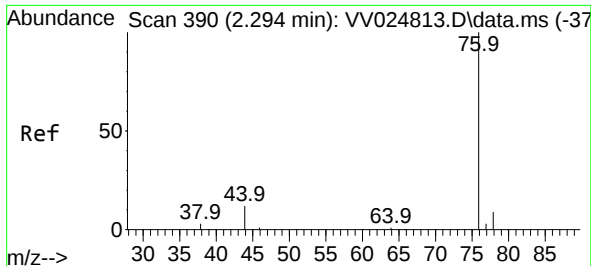
Tgt Ion: 43 Resp: 2412815

Ion Ratio Lower Upper

43 100

58 5.9 0.0 63.6

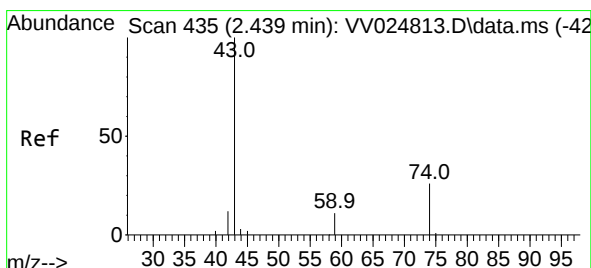
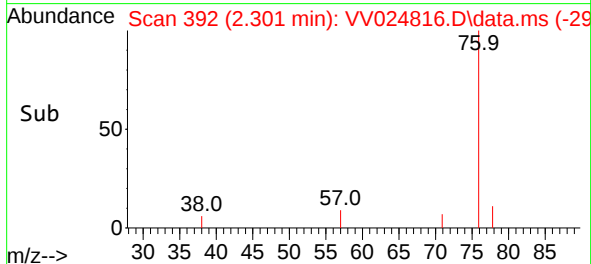
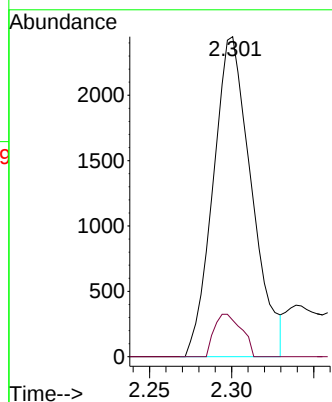
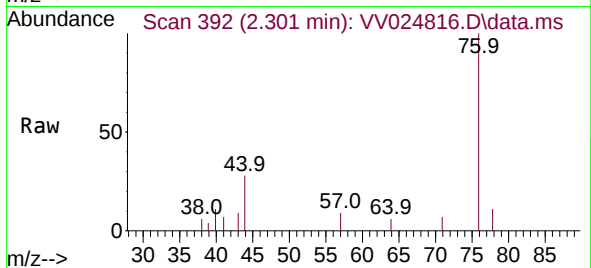




#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.301 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

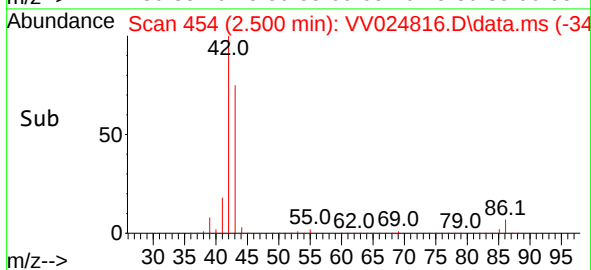
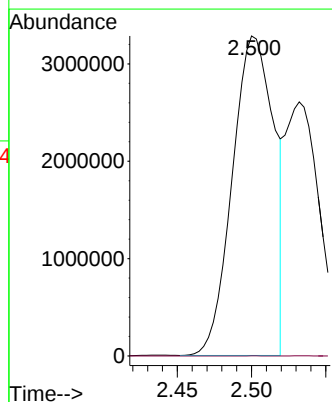
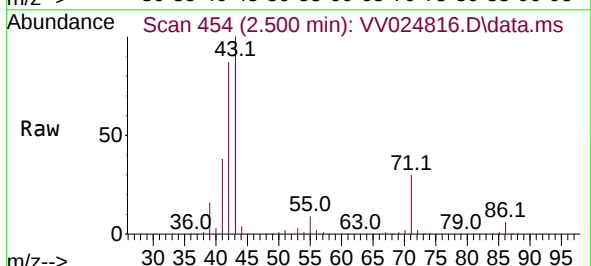
Instrument :
MSVOA_V
ClientSampleId :

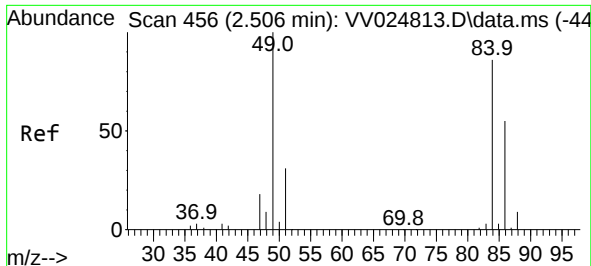
Tgt Ion: 76 Resp: 3969
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#



#15
Methyl Acetate
Concen: 1570.874 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.061 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

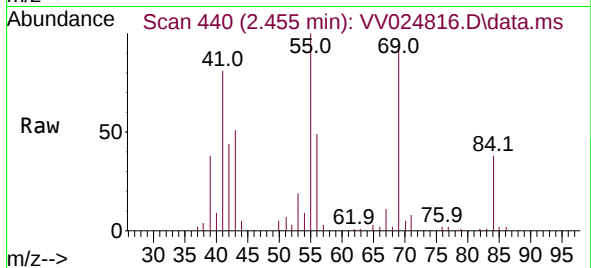
Tgt Ion: 43 Resp: 6406386
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



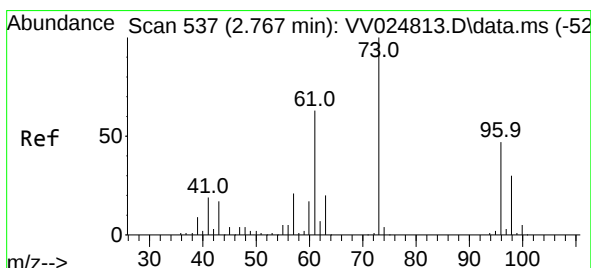
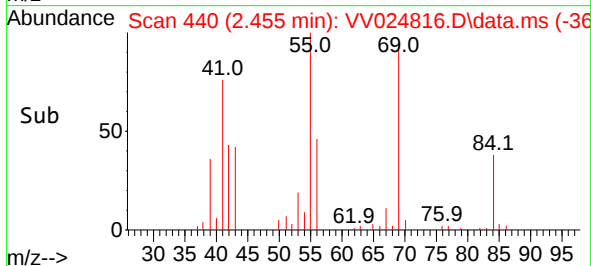
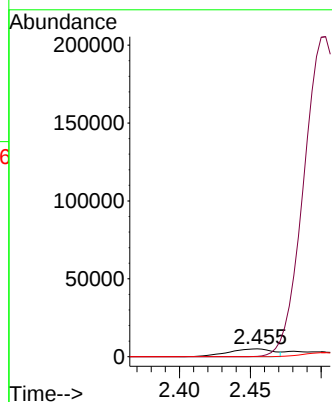


#16
Methylene chloride
Concen: 0.800 ug/L
RT: 2.455 min Scan# 44
Delta R.T. -0.051 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

Instrument :
MSVOA_V
ClientSampleId :

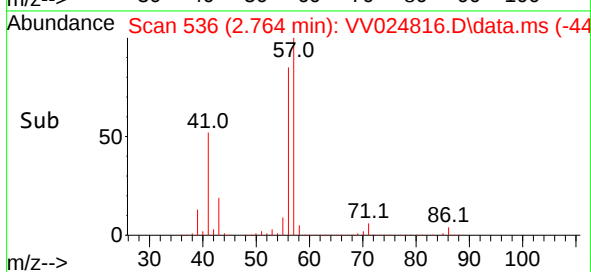
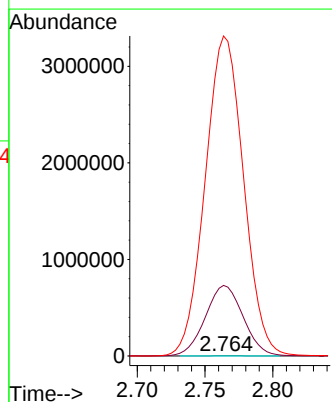
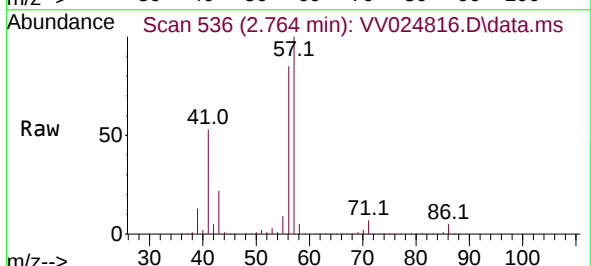


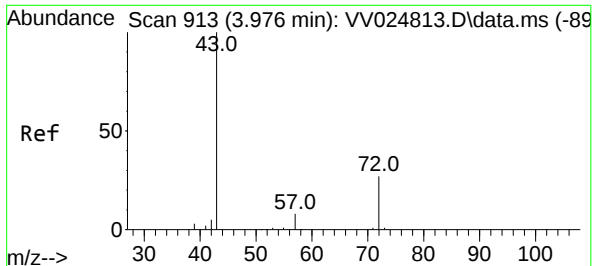
Tgt Ion: 84 Resp: 11181
Ion Ratio Lower Upper
84 100
86 4.4 45.1 83.7#
49 0.0 83.5 155.1#



#17
Methyl tert-butyl Ether
Concen: 0.096 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

Tgt Ion: 73 Resp: 2686
Ion Ratio Lower Upper
73 100
43 52958.0 15.1 22.7#
57 243183.7 17.4 26.2#





#21

2-Butanone

Concen: 25.868 ug/L

RT: 3.883 min Scan# 81

Delta R.T. -0.093 min

Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

Instrument :

MSVOA_V

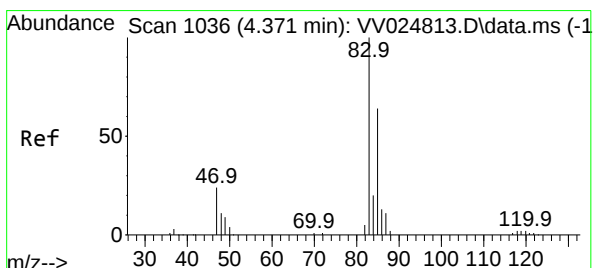
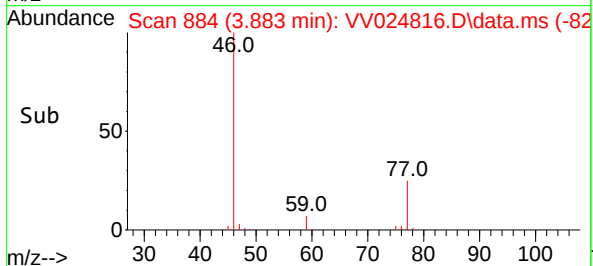
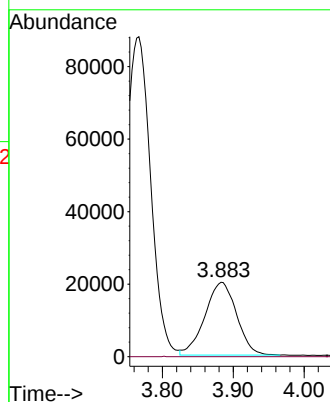
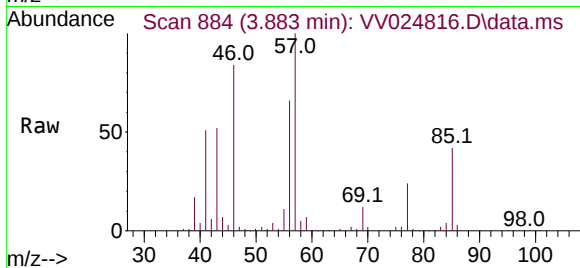
ClientSampleId :

Tgt Ion: 43 Resp: 62269

Ion Ratio Lower Upper

43 100

72 0.0 13.2 39.6#



#25

Chloroform

Concen: 2.929 ug/L

RT: 4.410 min Scan# 1048

Delta R.T. 0.039 min

Lab File: VV024816.D

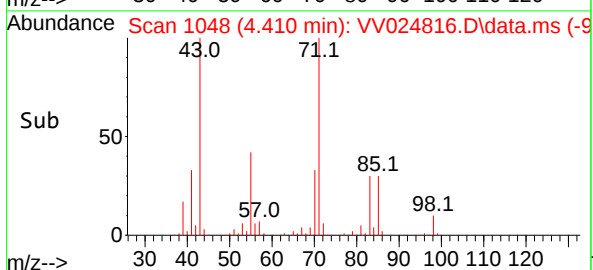
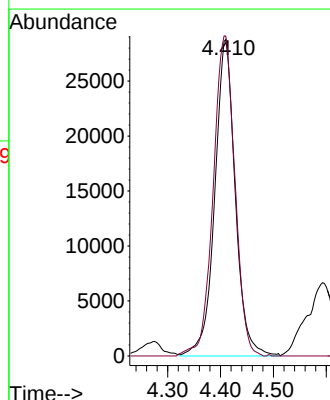
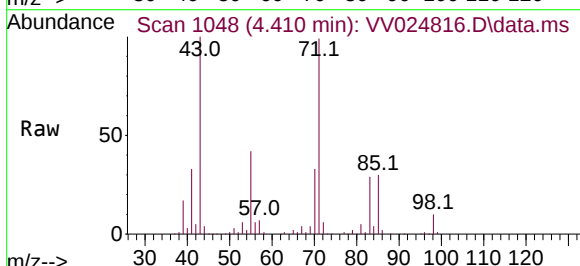
Acq: 24 Feb 2022 12:19

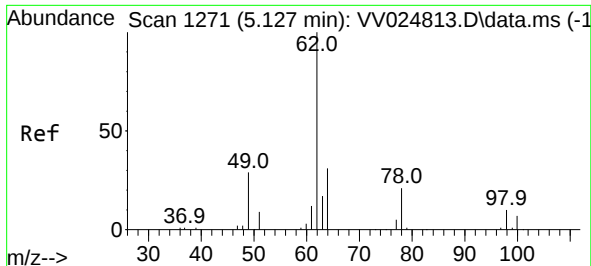
Tgt Ion: 83 Resp: 77689

Ion Ratio Lower Upper

83 100

85 101.0 45.5 84.5#





#27

1,2-Dichloroethane

Concen: 0.178 ug/L

RT: 5.098 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

Instrument :

MSVOA_V

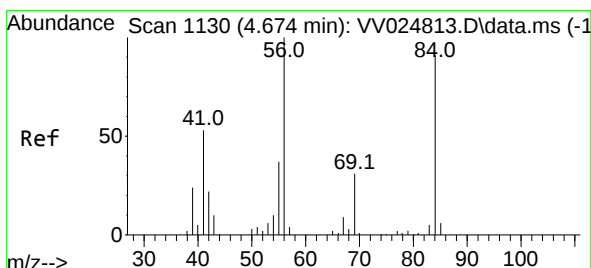
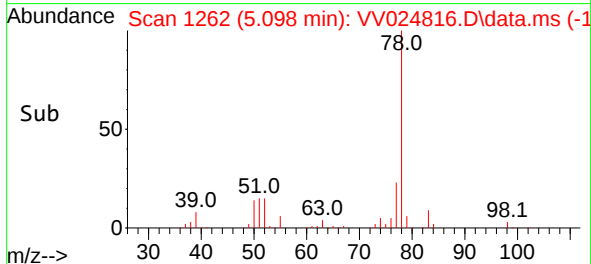
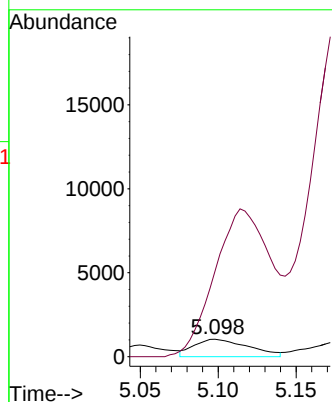
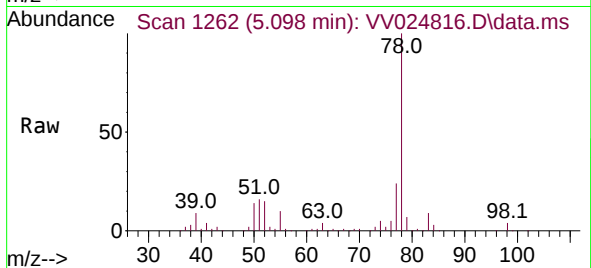
ClientSampleId :

Tgt Ion: 62 Resp: 2523

Ion Ratio Lower Upper

62 100

98 492.9 8.2 12.2#



#30

Cyclohexane

Concen: 25.033 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

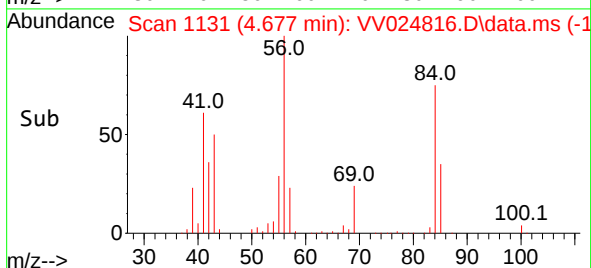
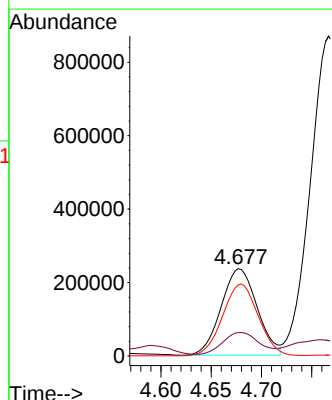
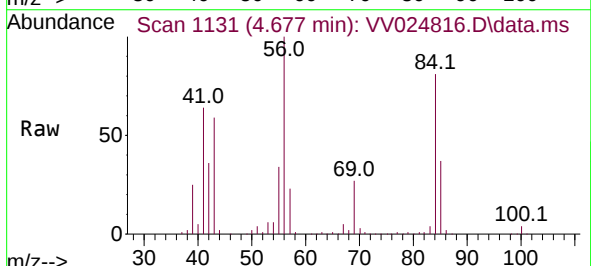
Tgt Ion: 56 Resp: 588308

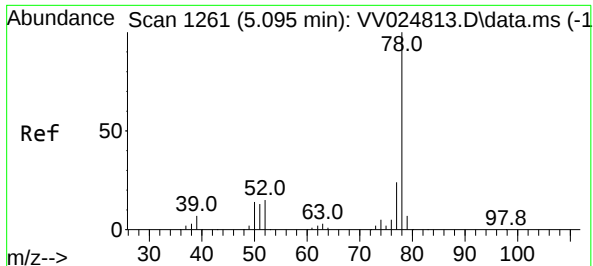
Ion Ratio Lower Upper

56 100

69 25.4 24.6 37.0

84 82.5 71.4 107.0

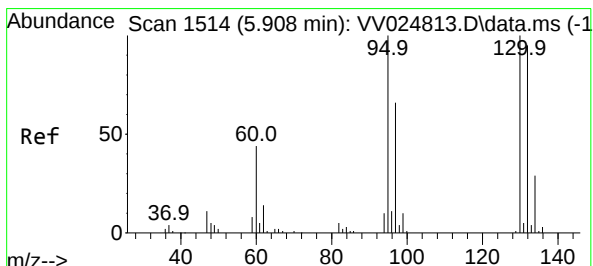
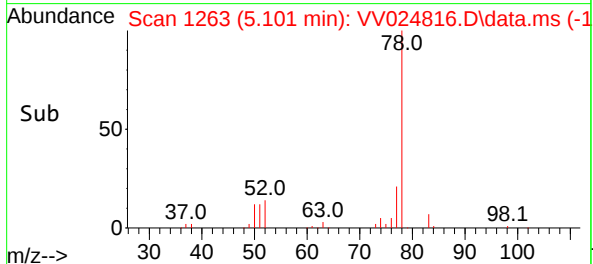
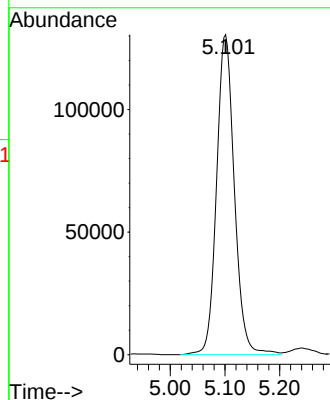
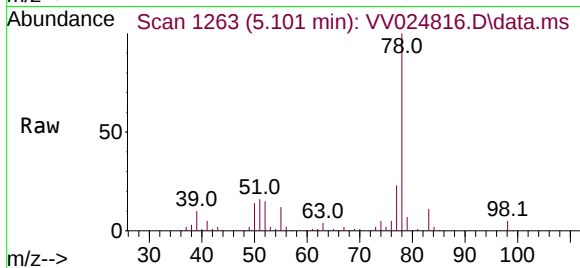




#33
Benzene
Concen: 5.046 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

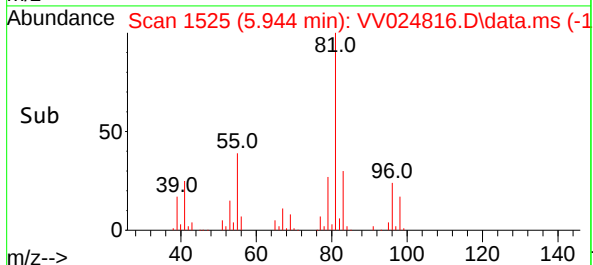
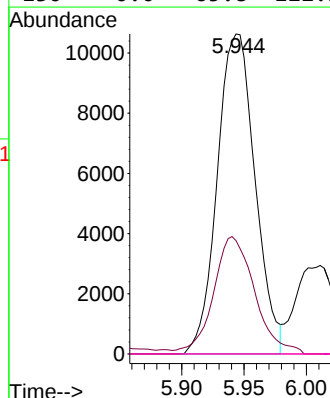
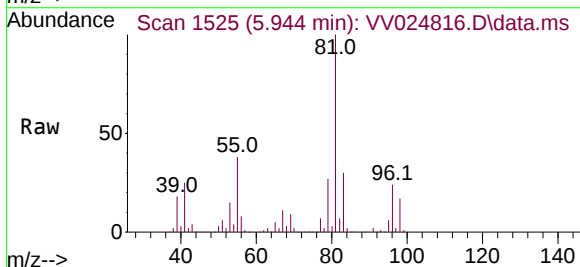
Instrument :
MSVOA_V
ClientSampleId :

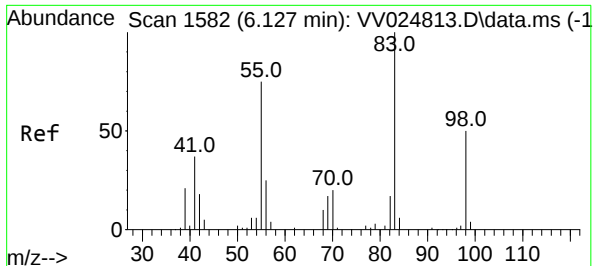
Tgt Ion: 78 Resp: 294972



#34
Trichloroethene
Concen: 1.451 ug/L
RT: 5.944 min Scan# 1525
Delta R.T. 0.035 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

Tgt Ion: 95 Resp: 22464
Ion Ratio Lower Upper
95 100
97 35.4 44.2 82.0#
132 0.0 62.1 115.3#
130 0.0 65.8 122.2#

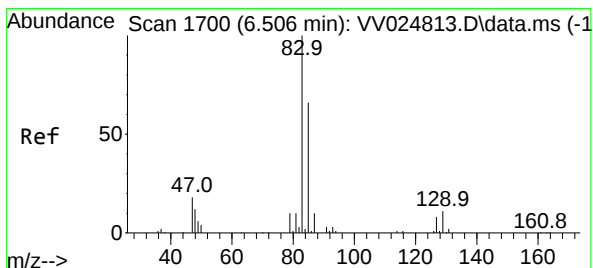
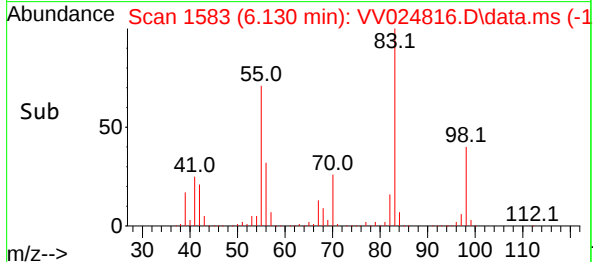
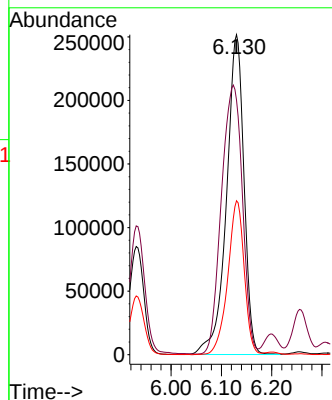
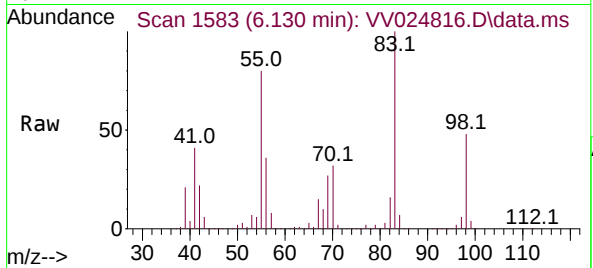




#35
Methylcyclohexane
Concen: 24.305 ug/L
RT: 6.130 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

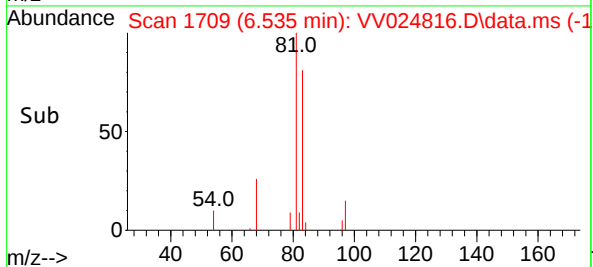
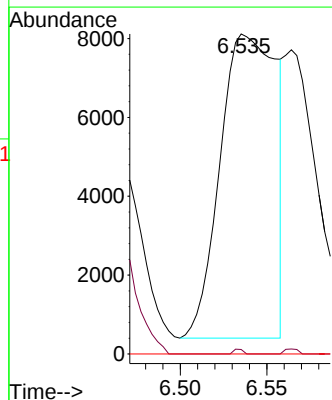
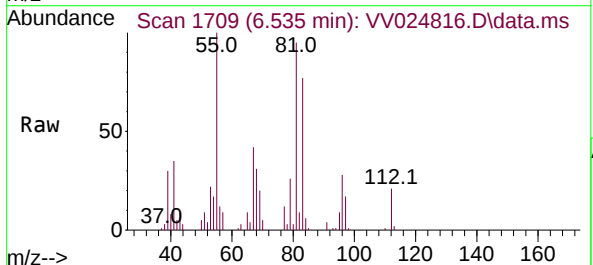
Instrument :
MSVOA_V
ClientSampleId :

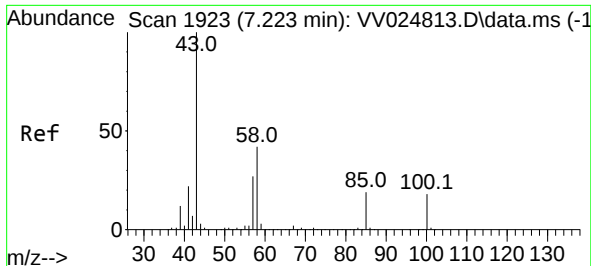
Tgt Ion: 83 Resp: 608020
Ion Ratio Lower Upper
83 100
55 100.5 58.8 88.2#
98 45.3 38.6 58.0



#38
Bromodichloromethane
Concen: 0.995 ug/L
RT: 6.535 min Scan# 1709
Delta R.T. 0.029 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

Tgt Ion: 83 Resp: 17304
Ion Ratio Lower Upper
83 100
85 1.4 43.5 80.9#
127 0.0 6.6 10.0#





#40

4-Methyl-2-pentanone

Concen: 9.612 ug/L

RT: 7.262 min Scan# 1935

Delta R.T. 0.039 min

Lab File: VV024816.D

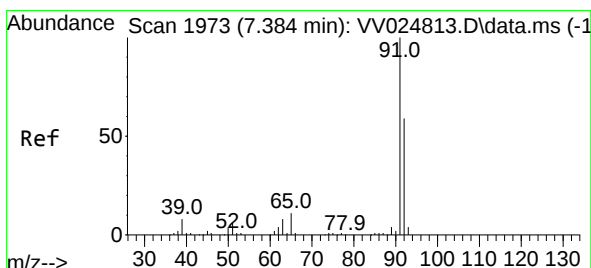
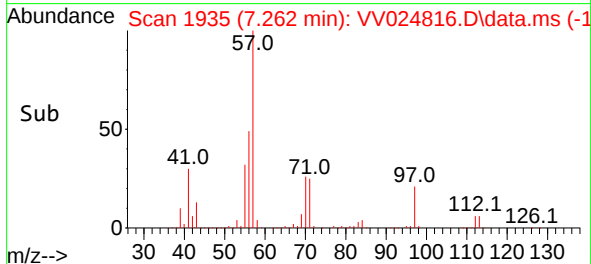
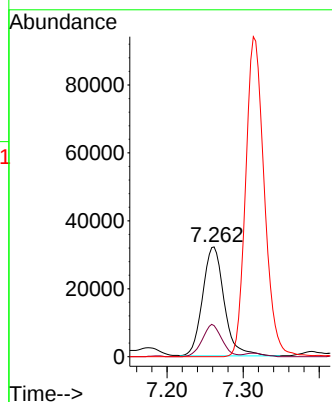
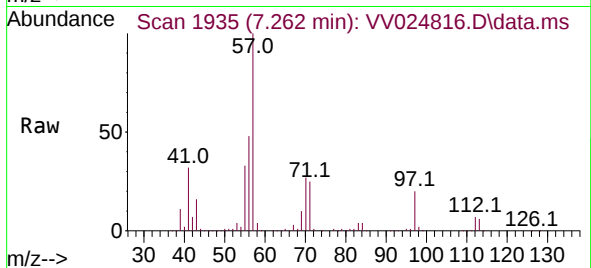
Acq: 24 Feb 2022 12:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	63144
Ion Ratio	Lower	Upper	
43	100		
58	27.1	33.0	49.6#
100	0.0	13.3	19.9#



#42

Toluene

Concen: 0.671 ug/L

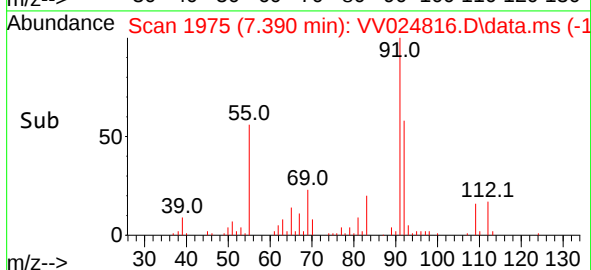
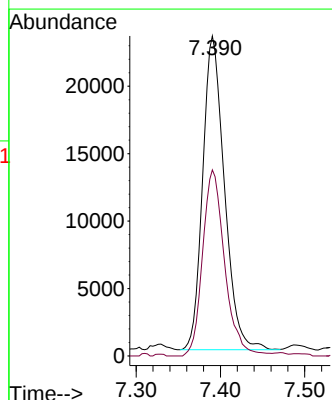
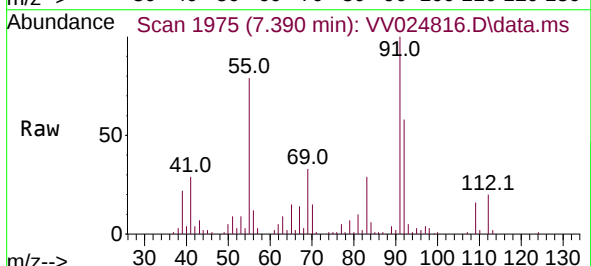
RT: 7.390 min Scan# 1975

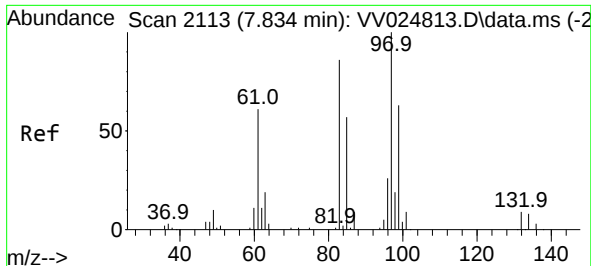
Delta R.T. 0.006 min

Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

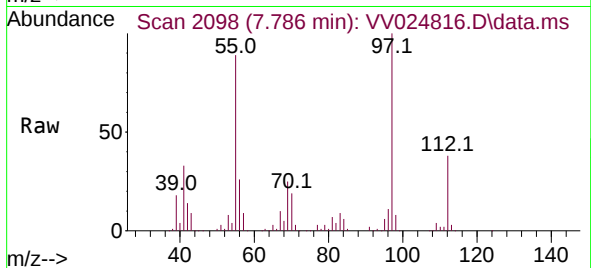
Tgt Ion:	91	Resp:	41737
Ion Ratio	Lower	Upper	
91	100		
92	58.1	40.3	74.9



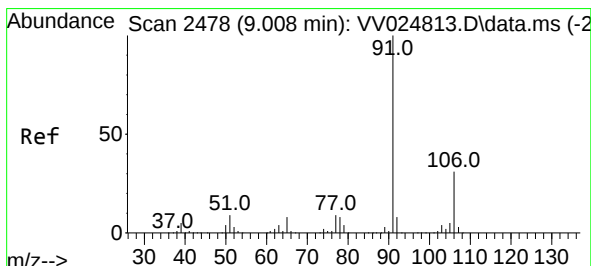
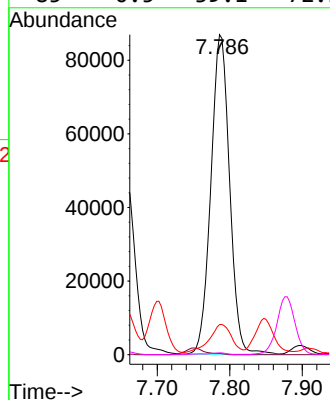
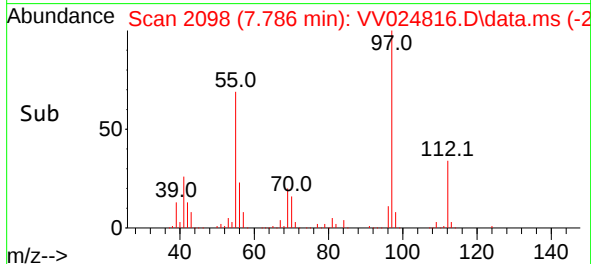


#45
 1,1,2-Trichloroethane
 Concen: 17.287 ug/L
 RT: 7.786 min Scan# 2098
 Delta R.T. -0.048 min
 Lab File: VV024816.D
 Acq: 24 Feb 2022 12:19

Instrument :
 MSVOA_V
 ClientSampleId :

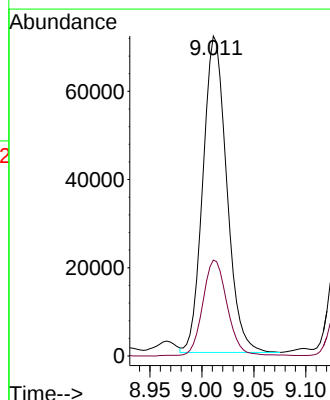
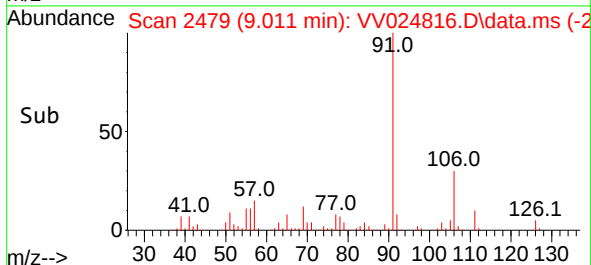
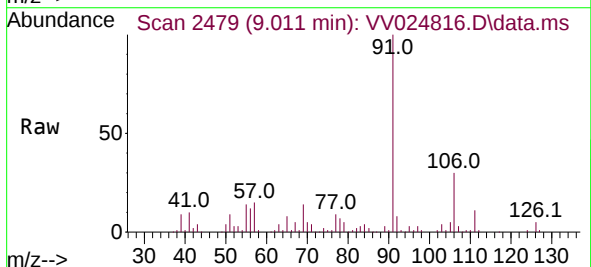


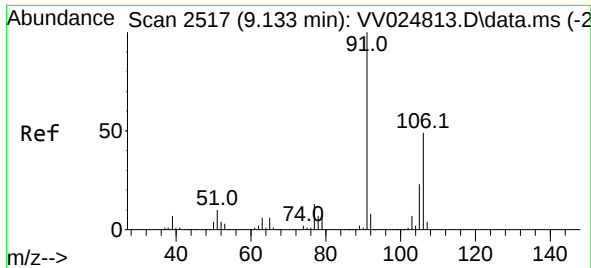
Tgt Ion: 97 Resp: 155316
 Ion Ratio Lower Upper
 97 100
 99 0.4 43.8 81.3#
 83 9.4 61.3 113.9#
 85 0.5 39.1 72.5#



#52
 Ethylbenzene
 Concen: 1.683 ug/L
 RT: 9.011 min Scan# 2479
 Delta R.T. 0.003 min
 Lab File: VV024816.D
 Acq: 24 Feb 2022 12:19

Tgt Ion: 91 Resp: 114337
 Ion Ratio Lower Upper
 91 100
 106 30.0 21.3 39.5

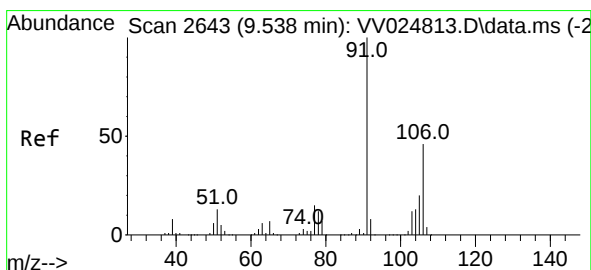
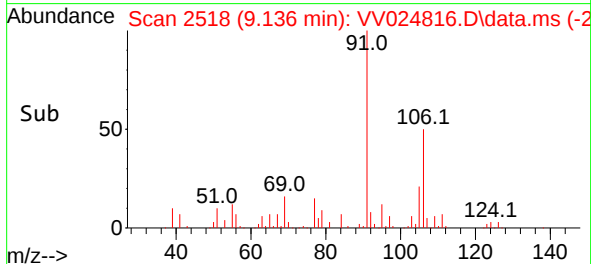
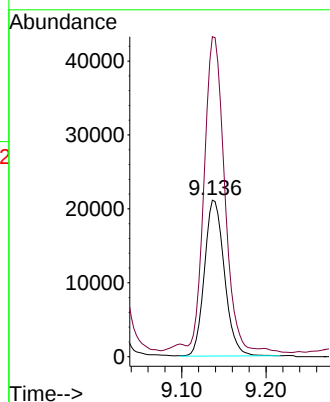
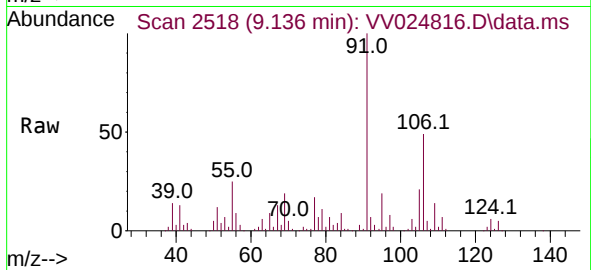




#53
m,p-xylene
Concen: 1.357 ug/L
RT: 9.136 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

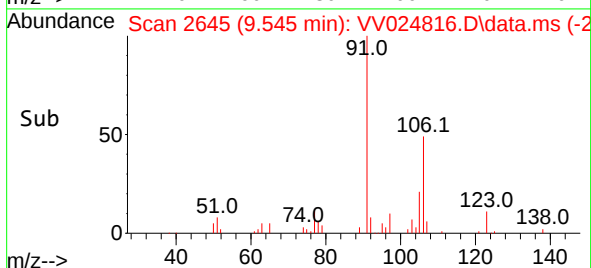
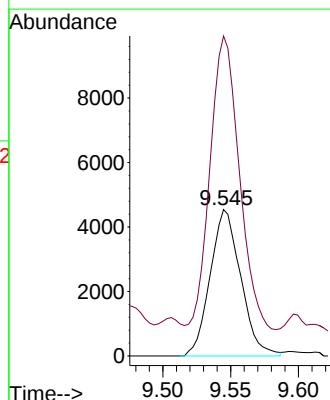
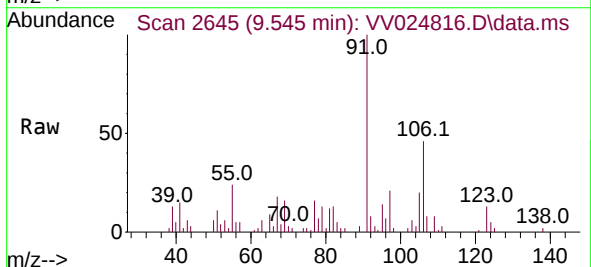
Instrument :
MSVOA_V
ClientSampleId :

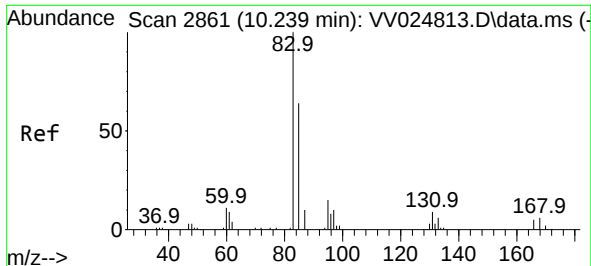
Tgt Ion:106 Resp: 34831
Ion Ratio Lower Upper
106 100
91 204.4 143.6 266.6



#54
o-xylene
Concen: 0.283 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

Tgt Ion:106 Resp: 7108
Ion Ratio Lower Upper
106 100
91 218.7 152.2 282.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.318 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

Instrument :

MSVOA_V

ClientSampleId :

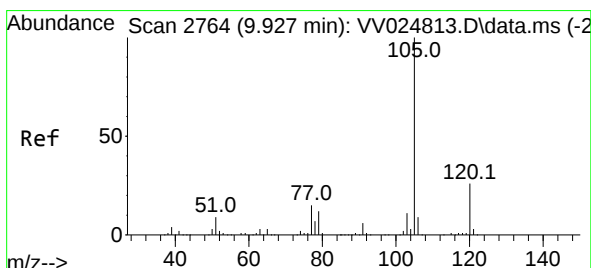
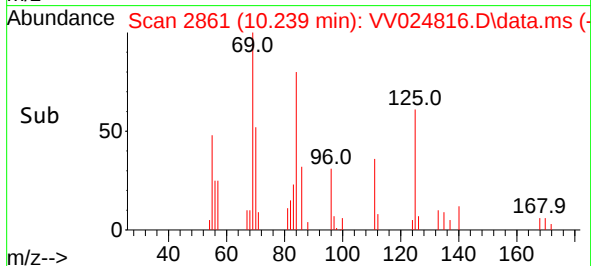
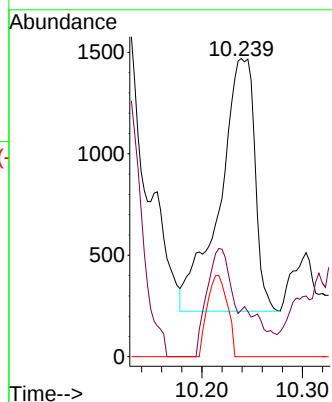
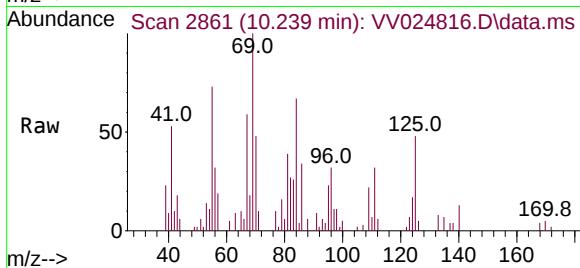
Tgt Ion: 83 Resp: 3020

Ion Ratio Lower Upper

83 100

85 15.7 43.9 81.5#

131 0.0 7.0 10.4#



#60

Isopropylbenzene

Concen: 11.091 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.003 min

Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

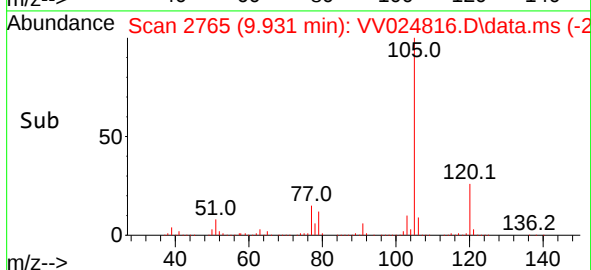
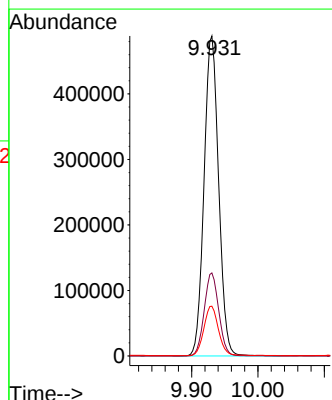
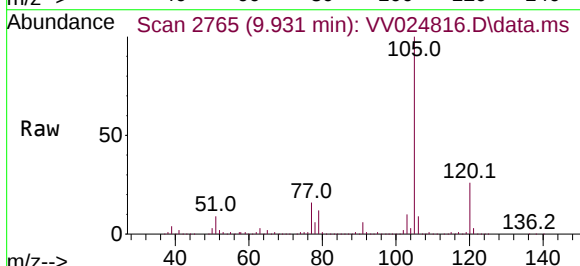
Tgt Ion: 105 Resp: 744588

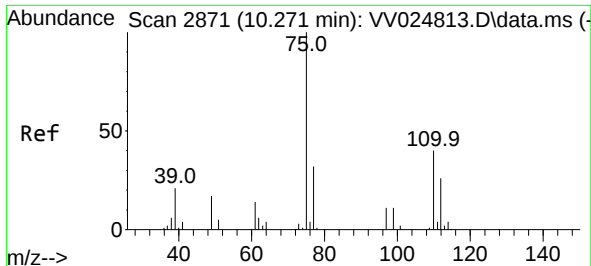
Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 15.6 12.7 19.1

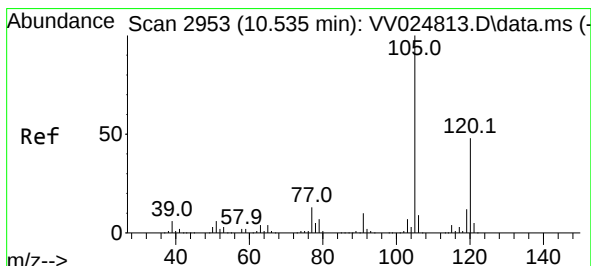
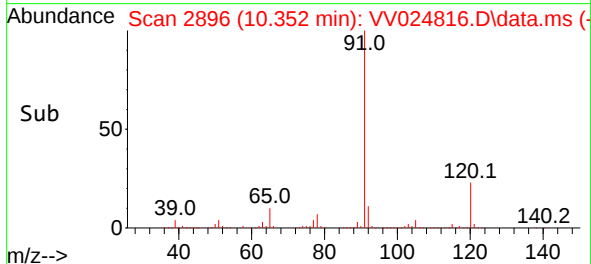
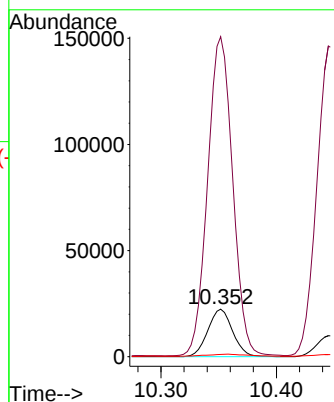
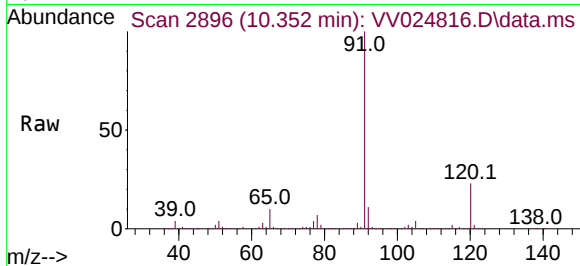




#61
1,2,3-Trichloropropane
Concen: 4.516 ug/L
RT: 10.352 min Scan# 2954
Delta R.T. 0.080 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

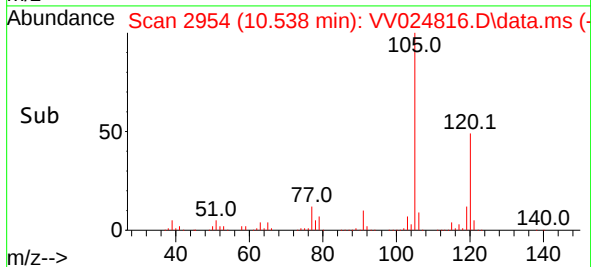
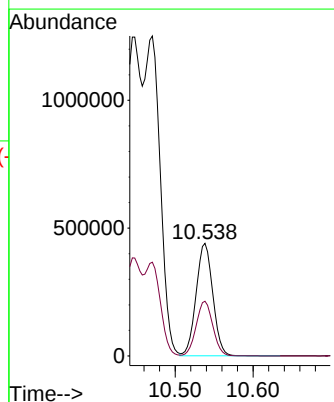
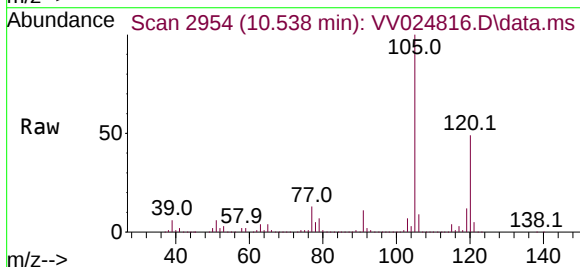
Instrument :
MSVOA_V
ClientSampleId :

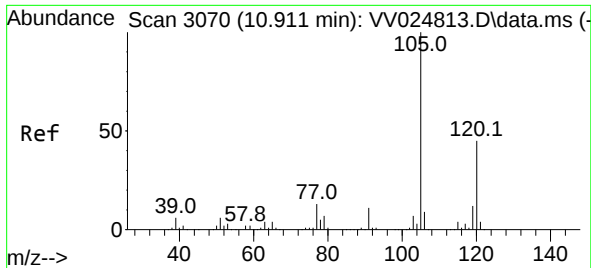
Tgt Ion: 75 Resp: 33215
Ion Ratio Lower Upper
75 100
77 681.3 26.3 39.5#
110 6.9 30.3 45.5#



#62
1,3,5-Trimethylbenzene
Concen: 11.717 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV024816.D
Acq: 24 Feb 2022 12:19

Tgt Ion:105 Resp: 655721
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8

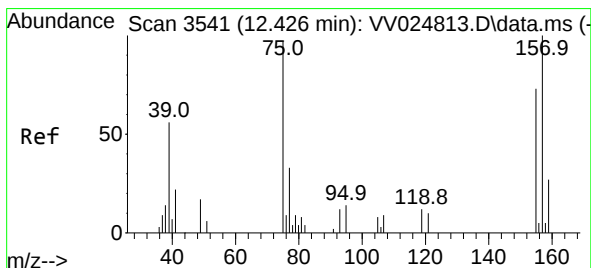
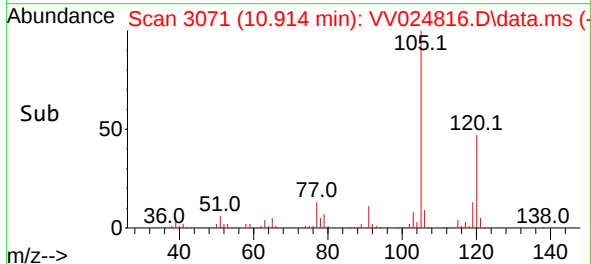
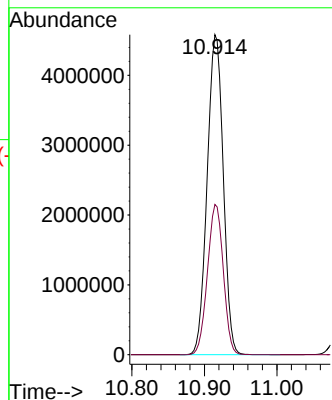
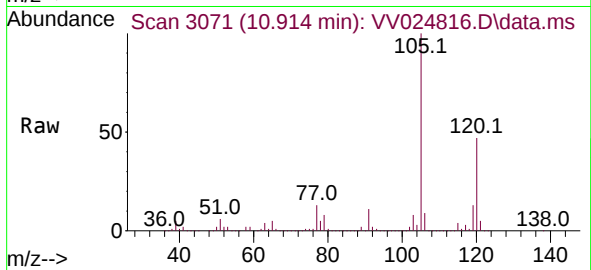




#63
 1,2,4-Trimethylbenzene
 Concen: 126.870 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV024816.D
 Acq: 24 Feb 2022 12:19

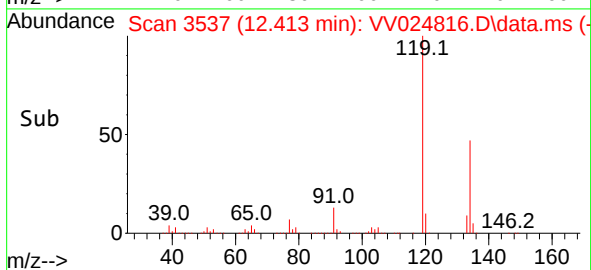
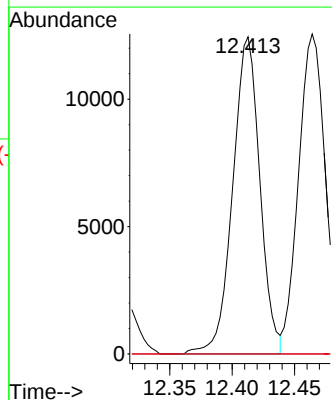
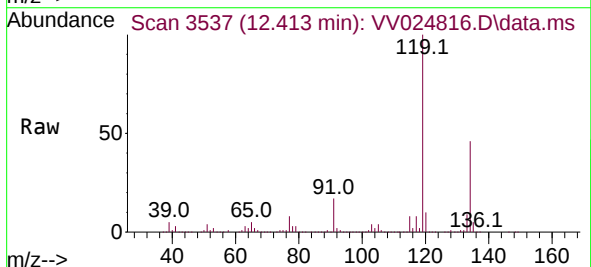
Instrument :
 MSVOA_V
 ClientSampleId :

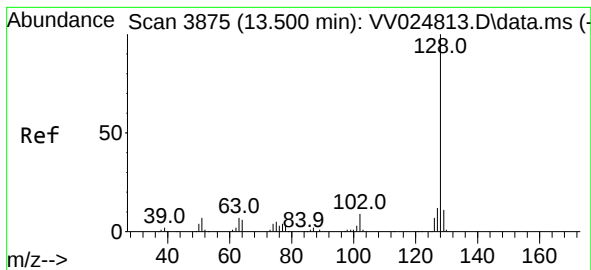
Tgt Ion:105 Resp: 7047619
 Ion Ratio Lower Upper
 105 100
 120 46.3 35.9 53.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 14.977 ug/L
 RT: 12.413 min Scan# 3537
 Delta R.T. -0.013 min
 Lab File: VV024816.D
 Acq: 24 Feb 2022 12:19

Tgt Ion: 75 Resp: 18834
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.7 92.5#
 157 0.0 73.5 110.3#





#71

Naphthalene

Concen: 0.730 ug/L

RT: 13.500 min Scan# 31

Delta R.T. -0.000 min

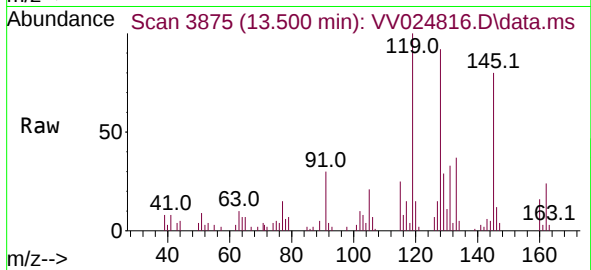
Lab File: VV024816.D

Acq: 24 Feb 2022 12:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 19634

Ion Ratio Lower Upper

128 100

129 72.1 8.4 12.6#

127 22.5 10.2 15.2#

