

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028938.D
 Acq On : 14 Nov 2022 15:09
 Operator : SY/MD
 Sample : N5602-18DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH0DL

Quant Time: Nov 15 00:05:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	251178	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	248630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	126310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	56622	3.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.558	69	58453	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.095	63	85278	3.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.957	46	132669	51.756	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.520%
24) Chloroform-d	4.336	84	148558	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.024	65	74047	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.030	84	301308	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.056	67	65680	3.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.400%
41) Toluene-d8	7.300	98	308252	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.612	79	31087	4.599	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.104	63	145936	50.585	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.160%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	75071	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	111913	4.952	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.297	64	943	0.081	ug/L #	1
13) Acetone	2.259	43	74598	45.241	ug/L	83
14) Carbon disulfide	2.281	76	4987	0.092	ug/L #	93
15) Methyl Acetate	2.259	43	74598	18.641	ug/L #	44
16) Methylene chloride	2.497	84	19471	0.990	ug/L	93
19) 1,1-Dichloroethane	3.175	63	2182	0.076	ug/L #	84
21) 2-Butanone	4.037	43	8612	3.373	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	469	0.026	ug/L	75
30) Cyclohexane	4.651	56	1832	0.062	ug/L #	80
33) Benzene	5.082	78	5125	0.067	ug/L	100
35) Methylcyclohexane	6.101	83	3489	0.102	ug/L #	49
37) 1,2-Dichloropropane	6.056	63	8896	0.508	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	2566	0.105	ug/L #	51
40) 4-Methyl-2-pentanone	7.249	43	14075	1.867	ug/L #	82
44) trans-1,3-Dichloropropene	7.616	75	1378	0.073	ug/L #	71
45) 1,1,2-Trichloroethane	7.770	97	1483	0.129	ug/L #	16
53) m,p-Xylene	9.136	106	2262	0.067	ug/L	86
61) 1,2,3-Trichloropropane	11.239	75	12973	1.503	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.532	105	3562	0.051	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028938.D
Acq On : 14 Nov 2022 15:09
Operator : SY/MD
Sample : N5602-18DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH0DL

Quant Time: Nov 15 00:05:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 00:01:45 2022
Response via : Initial Calibration

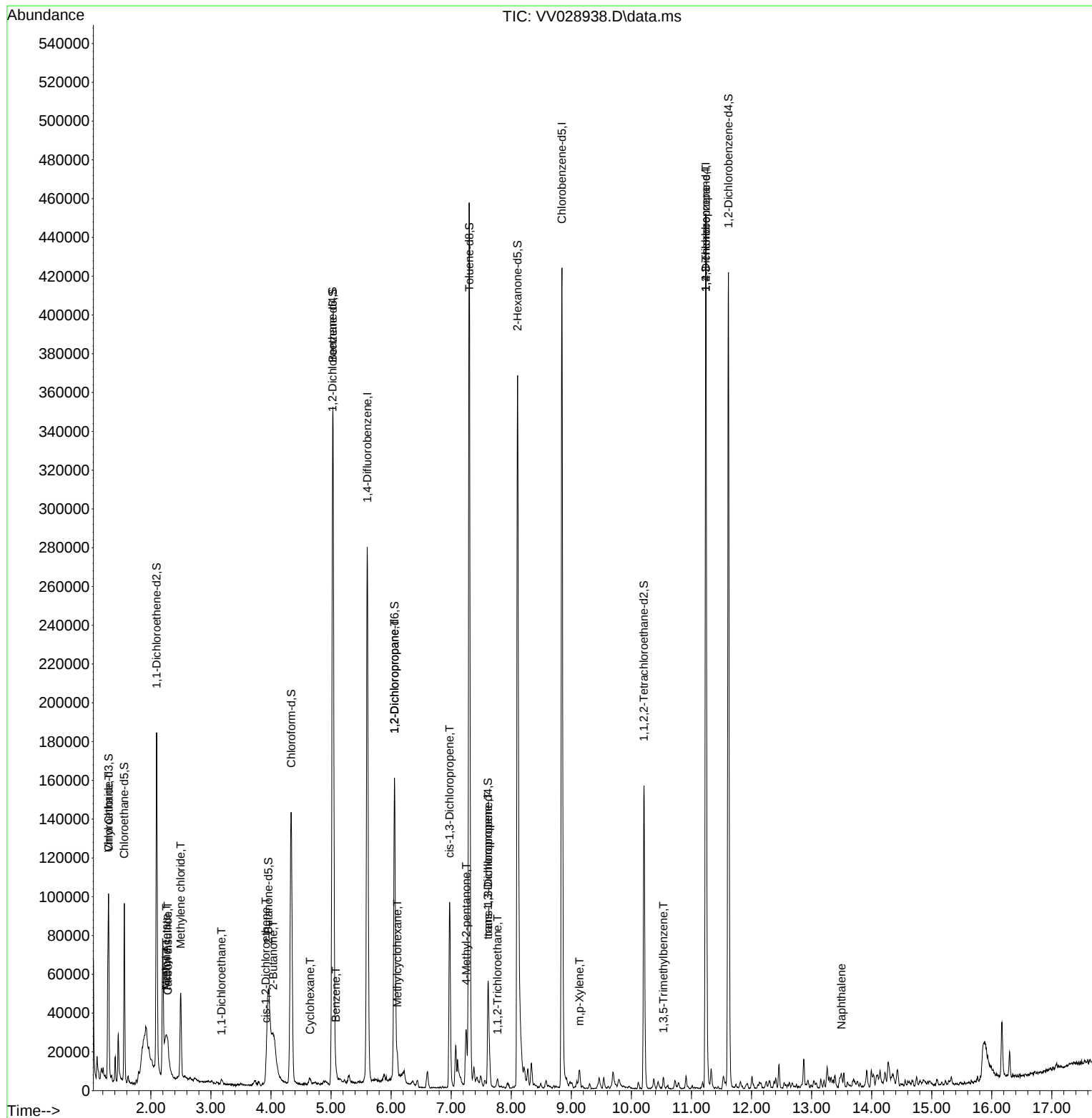
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.496	128	5897	0.203	ug/L	# 91

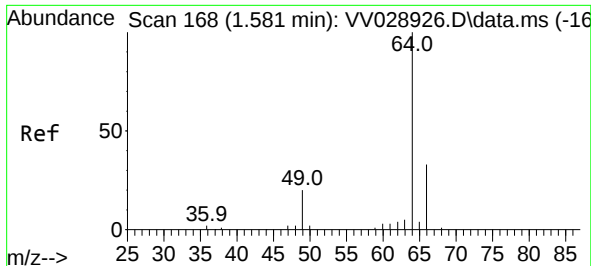
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028938.D
Acq On : 14 Nov 2022 15:09
Operator : SY/MD
Sample : N5602-18DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COAH0DL

Quant Time: Nov 15 00:05:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 00:01:45 2022
Response via : Initial Calibration

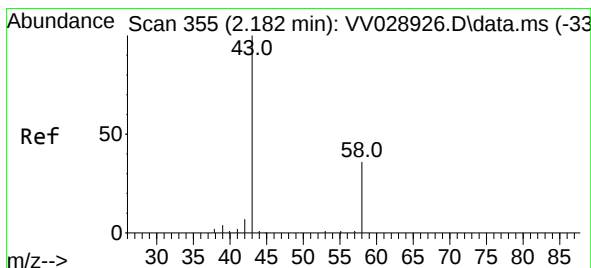
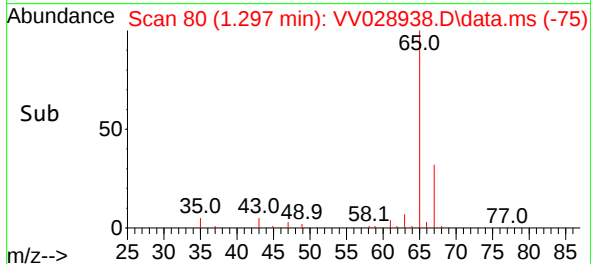
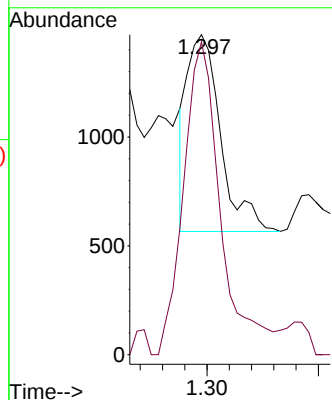
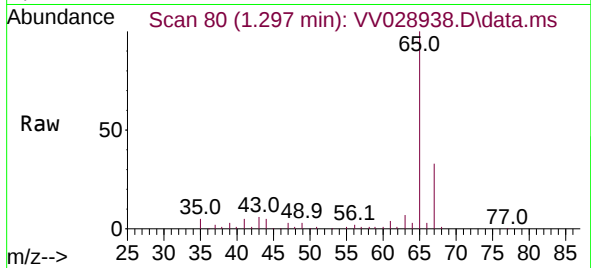




#8
Chloroethane
Concen: 0.081 ug/L
RT: 1.297 min Scan# 80
Delta R.T. -0.283 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

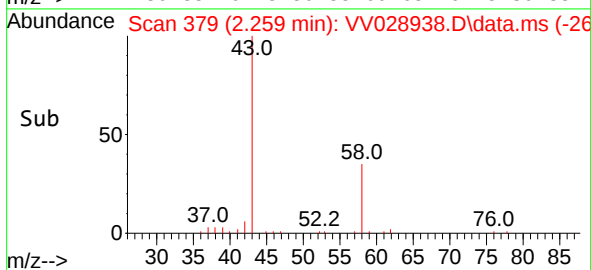
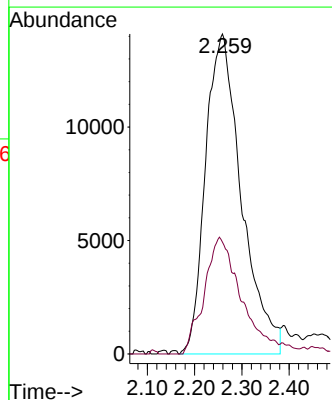
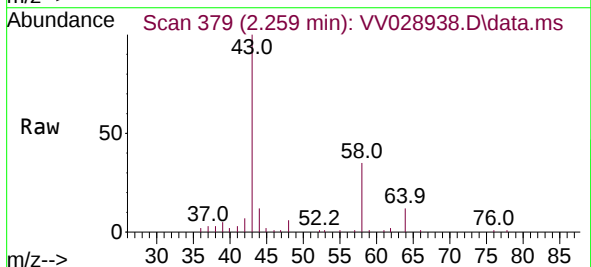
Instrument :
MSVOA_V
ClientSampleId :
C0AH0DL

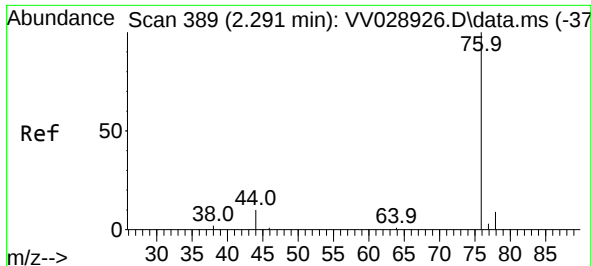
Tgt Ion: 64 Resp: 943
Ion Ratio Lower Upper
64 100
66 97.8 22.0 40.8#



#13
Acetone
Concen: 45.241 ug/L
RT: 2.259 min Scan# 379
Delta R.T. 0.077 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion: 43 Resp: 74598
Ion Ratio Lower Upper
43 100
58 37.2 0.0 56.6

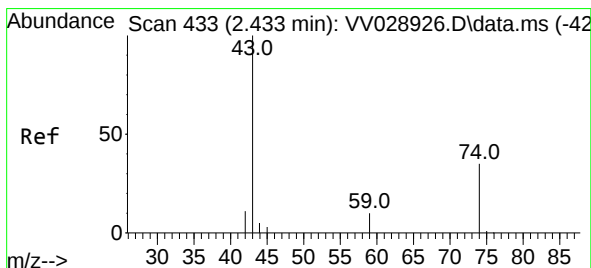
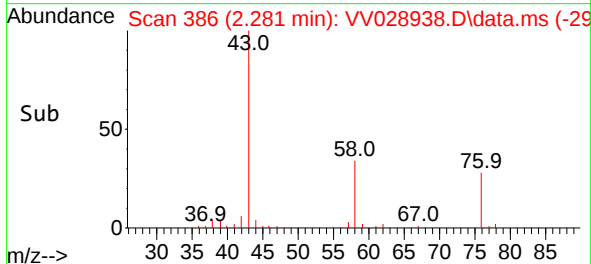
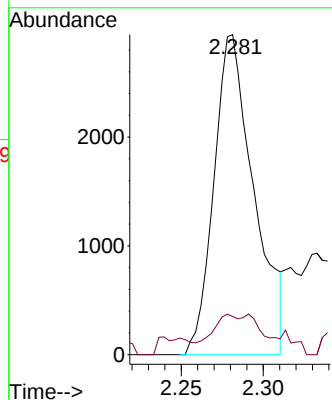
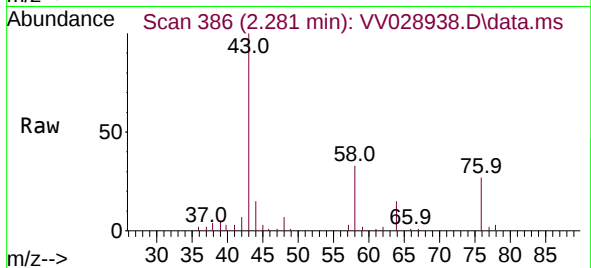




#14
Carbon disulfide
Concen: 0.092 ug/L
RT: 2.281 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

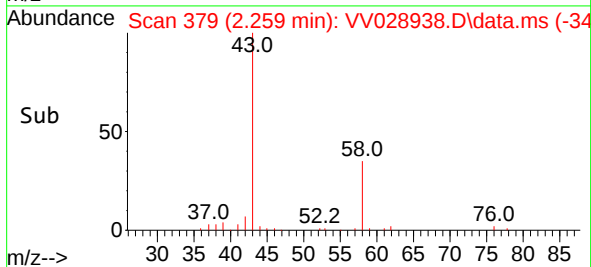
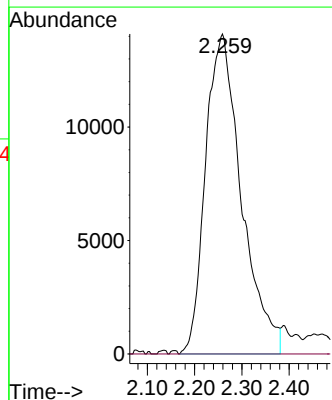
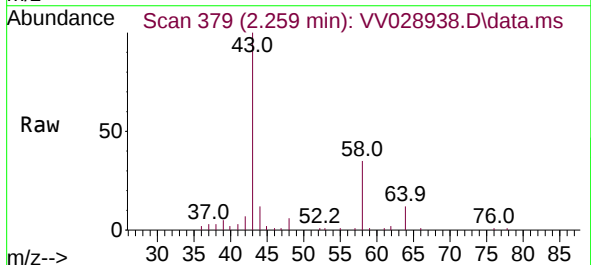
Instrument :
MSVOA_V
ClientSampleId :
C0AH0DL

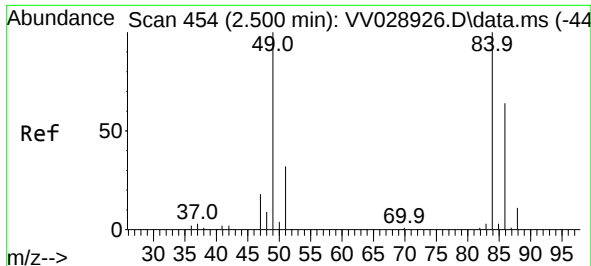
Tgt Ion: 76 Resp: 4987
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.2#



#15
Methyl Acetate
Concen: 18.641 ug/L
RT: 2.259 min Scan# 379
Delta R.T. -0.174 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion: 43 Resp: 74598
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#

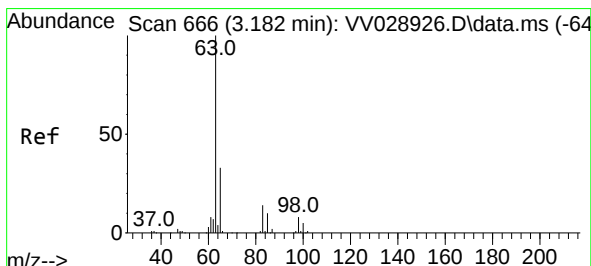
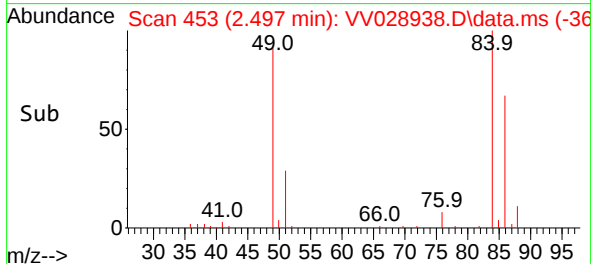
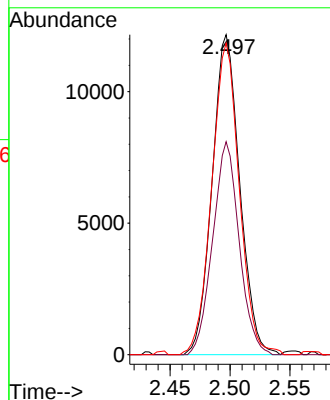
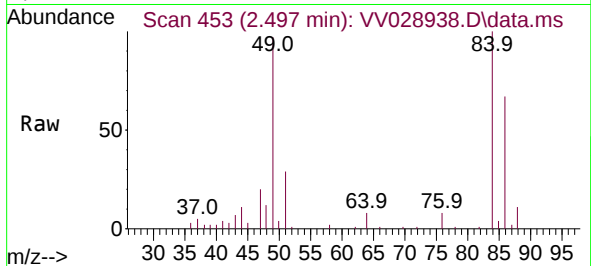




#16
Methylene chloride
Concen: 0.990 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

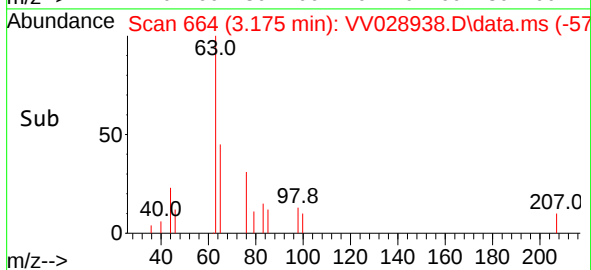
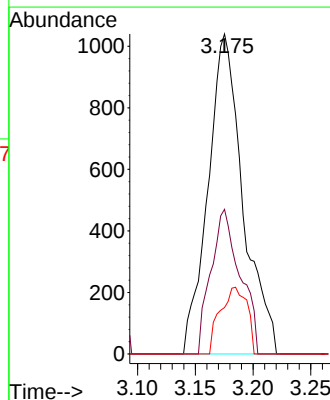
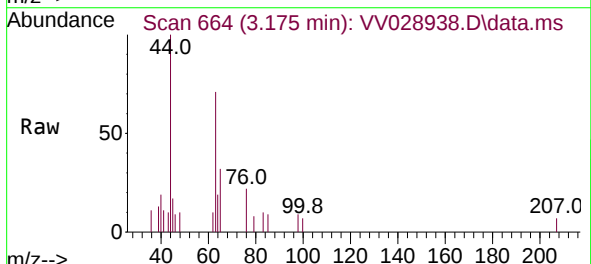
Instrument :
MSVOA_V
ClientSampleId :
C0AH0DL

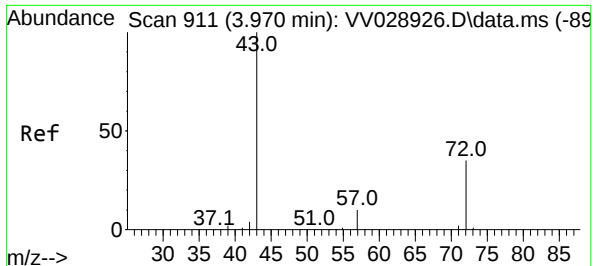
Tgt Ion: 84 Resp: 19471
Ion Ratio Lower Upper
84 100
86 66.6 45.8 85.0
49 97.4 75.5 140.1



#19
1,1-Dichloroethane
Concen: 0.076 ug/L
RT: 3.175 min Scan# 664
Delta R.T. -0.007 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion: 63 Resp: 2182
Ion Ratio Lower Upper
63 100
65 45.2 23.0 42.6#
83 14.5 9.4 17.6

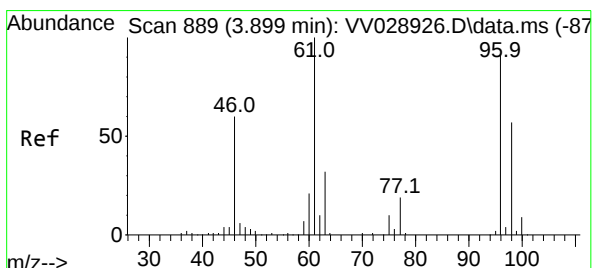
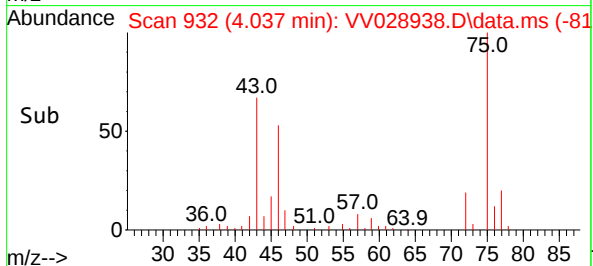
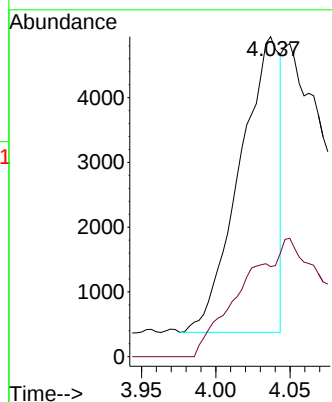
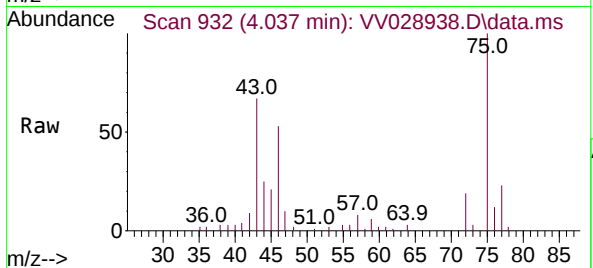




#21
2-Butanone
Concen: 3.373 ug/L
RT: 4.037 min Scan# 911
Delta R.T. 0.067 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

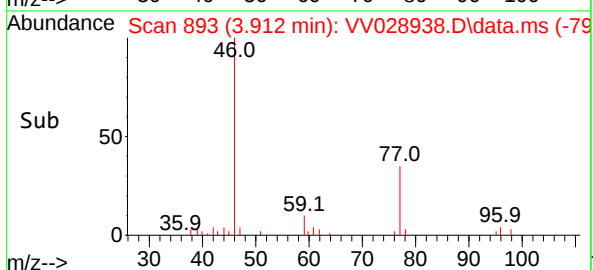
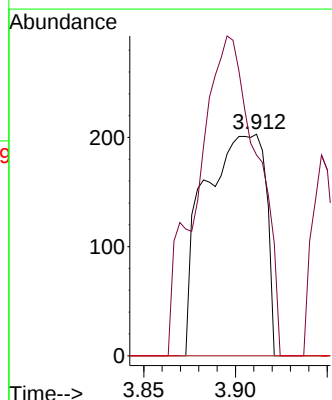
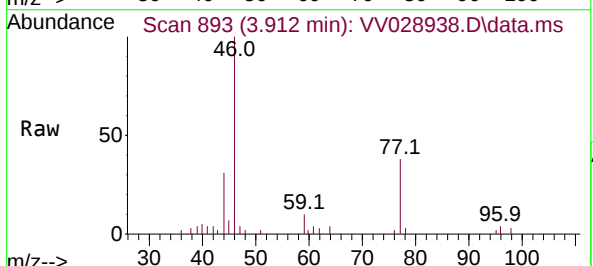
Instrument :
MSVOA_V
ClientSampleId :
COAH0DL

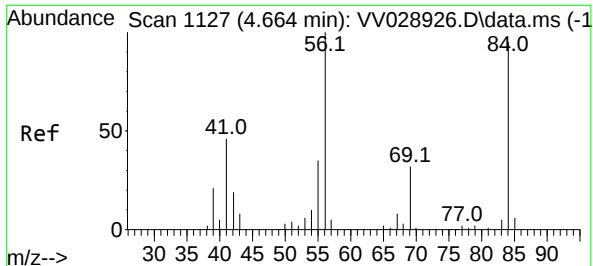
Tgt Ion: 43 Resp: 8612
Ion Ratio Lower Upper
43 100
72 90.8 11.9 35.9#



#22
cis-1,2-Dichloroethene
Concen: 0.026 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.013 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion: 96 Resp: 469
Ion Ratio Lower Upper
96 100
61 90.6 82.3 152.9
68 0.0 0.0 0.0

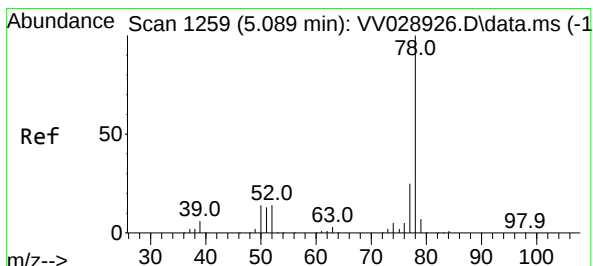
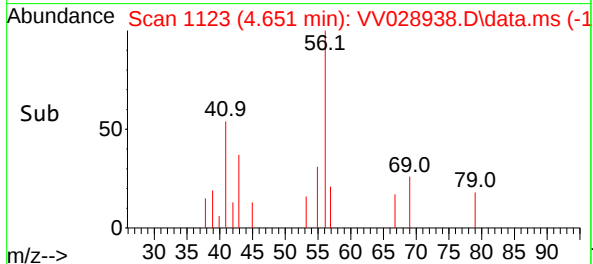
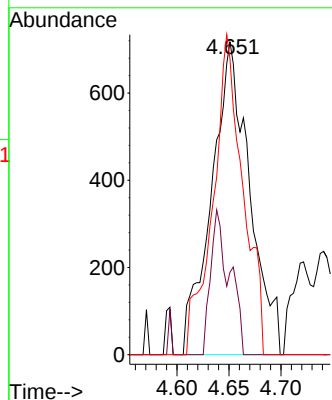
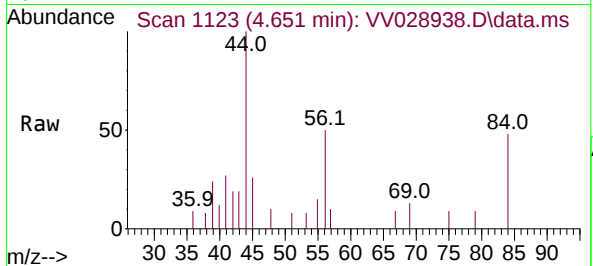




#30
Cyclohexane
Concen: 0.062 ug/L
RT: 4.651 min Scan# 1123
Delta R.T. -0.013 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

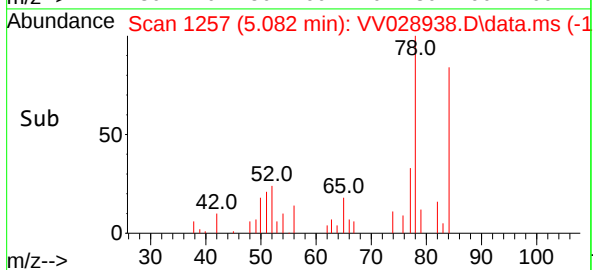
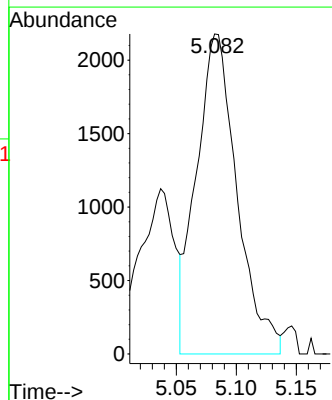
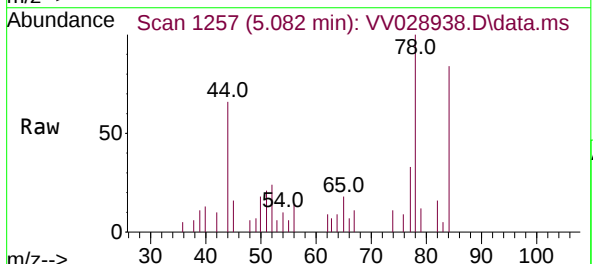
Instrument :
MSVOA_V
ClientSampleId :
C0AH0DL

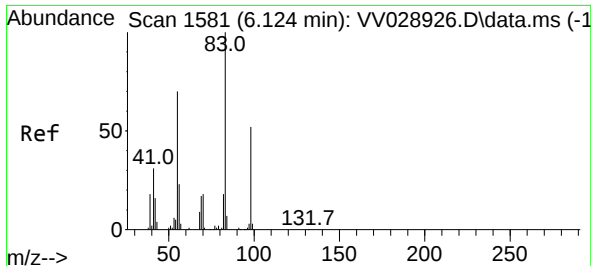
Tgt Ion: 56 Resp: 1832
Ion Ratio Lower Upper
56 100
69 16.0 26.1 39.1#
84 80.7 77.9 116.9



#33
Benzene
Concen: 0.067 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. -0.007 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion: 78 Resp: 5125

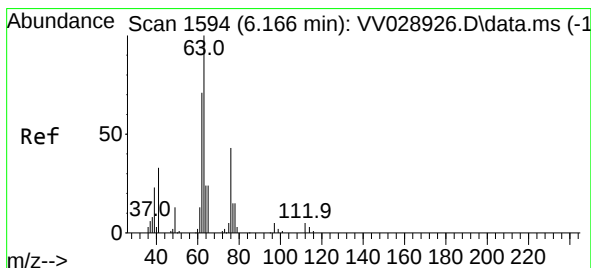
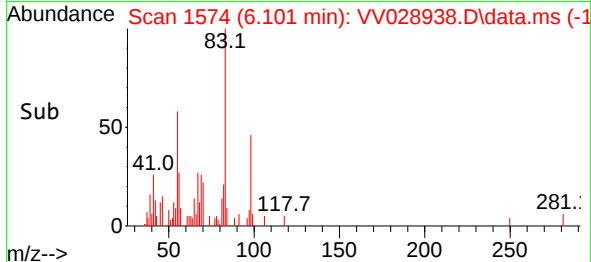
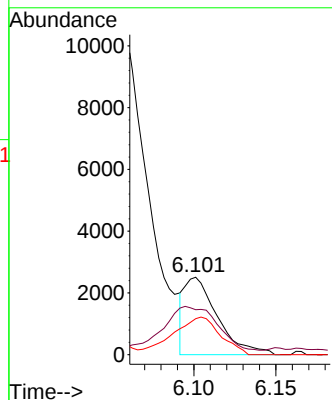
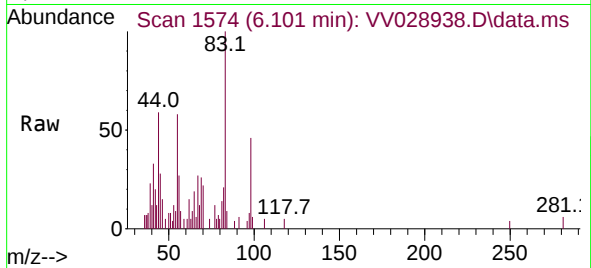




#35
Methylcyclohexane
Concen: 0.102 ug/L
RT: 6.101 min Scan# 11
Delta R.T. -0.023 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

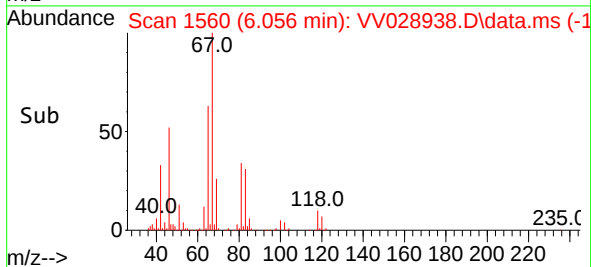
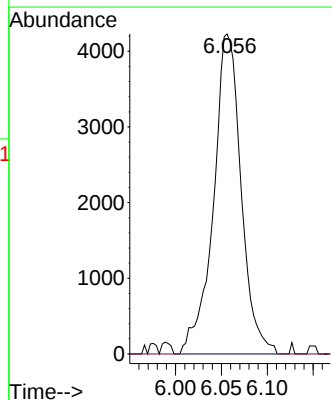
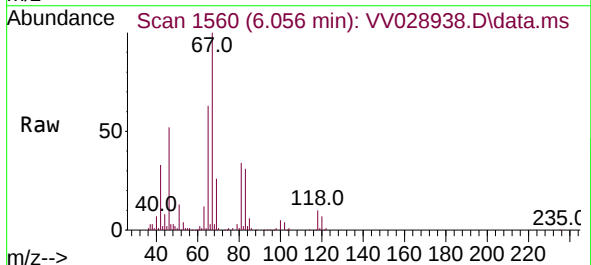
Instrument :
MSVOA_V
ClientSampleId :
C0AH0DL

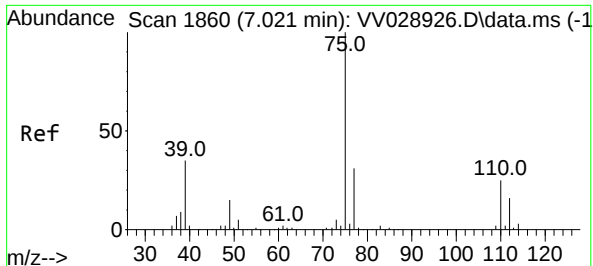
Tgt Ion: 83 Resp: 3489
Ion Ratio Lower Upper
83 100
55 121.8 55.8 83.6#
98 70.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.110 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion: 63 Resp: 8896
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV028938.D

Acq: 14 Nov 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

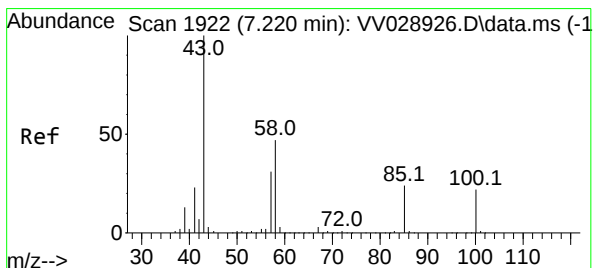
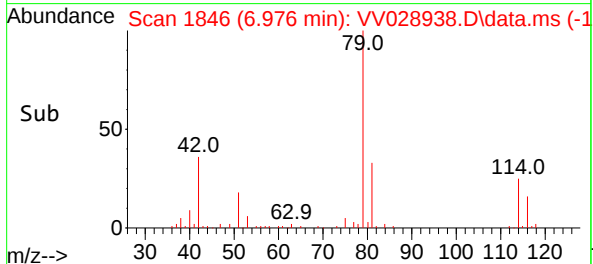
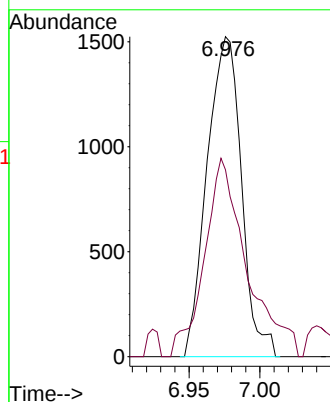
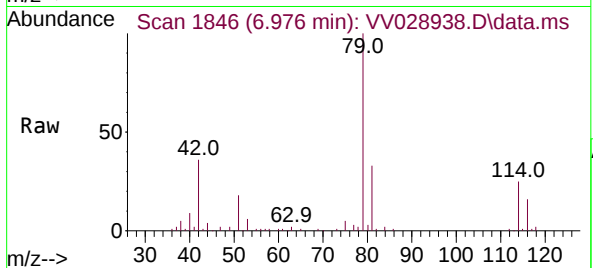
COAH0DL

Tgt Ion: 75 Resp: 2566

Ion Ratio Lower Upper

75 100

77 58.4 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 1.867 ug/L

RT: 7.249 min Scan# 1931

Delta R.T. 0.029 min

Lab File: VV028938.D

Acq: 14 Nov 2022 15:09

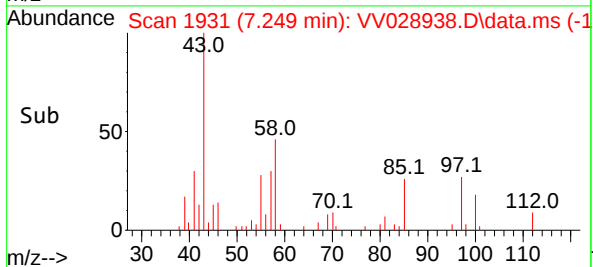
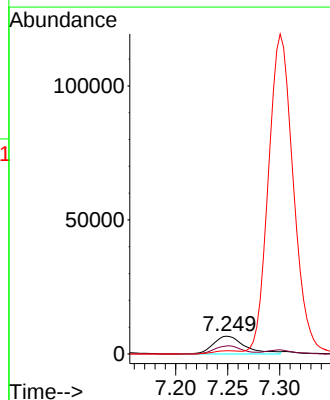
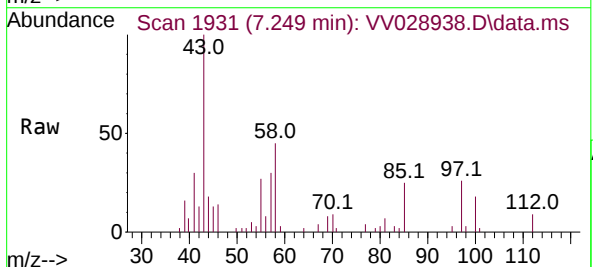
Tgt Ion: 43 Resp: 14075

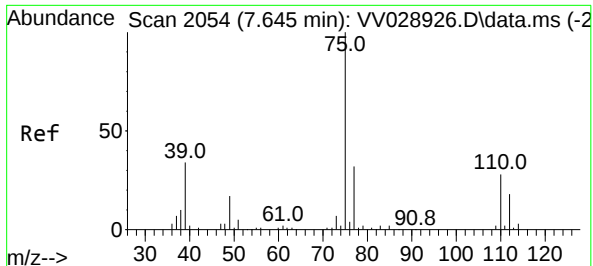
Ion Ratio Lower Upper

43 100

58 39.9 36.6 55.0

100 0.0 14.5 21.7#

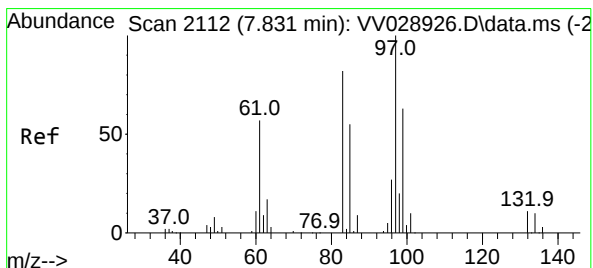
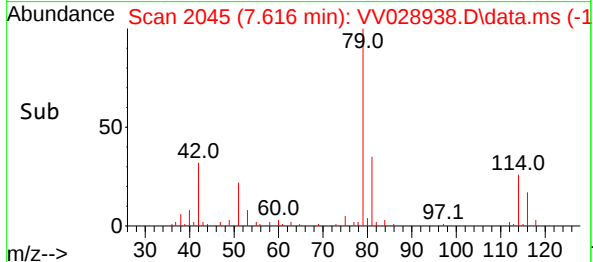
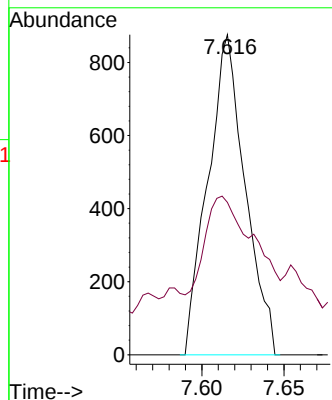
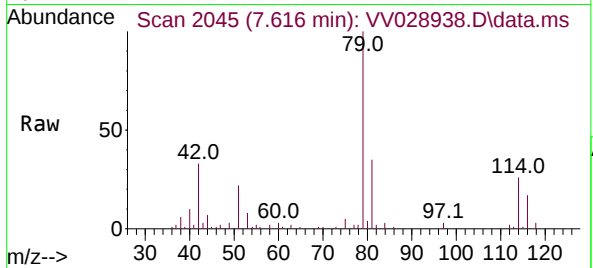




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.029 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

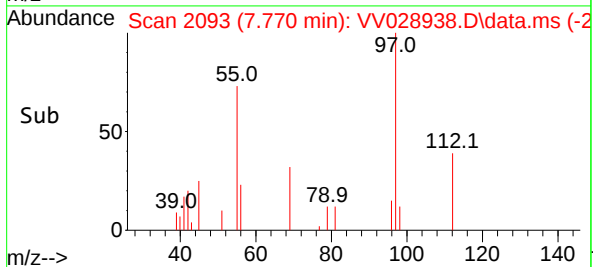
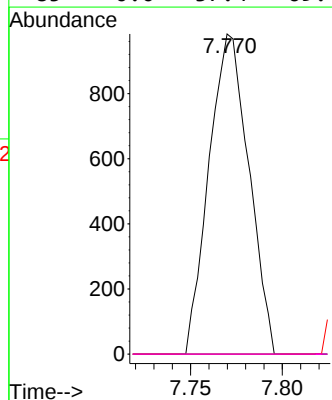
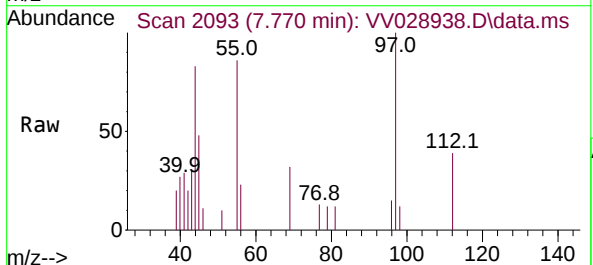
Instrument :
MSVOA_V
ClientSampleId :
COAH0DL

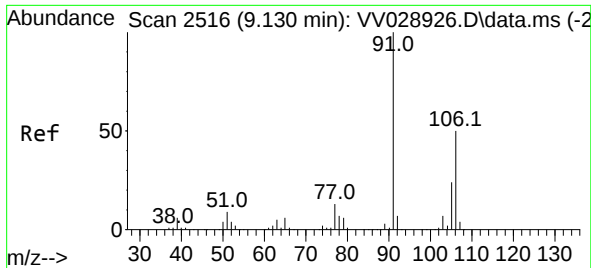
Tgt Ion: 75 Resp: 1378
Ion Ratio Lower Upper
75 100
77 47.6 22.2 41.2#



#45
1,1,2-Trichloroethane
Concen: 0.129 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.061 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion: 97 Resp: 1483
Ion Ratio Lower Upper
97 100
99 0.0 41.5 77.1#
83 0.0 60.0 111.4#
85 0.0 37.4 69.4#

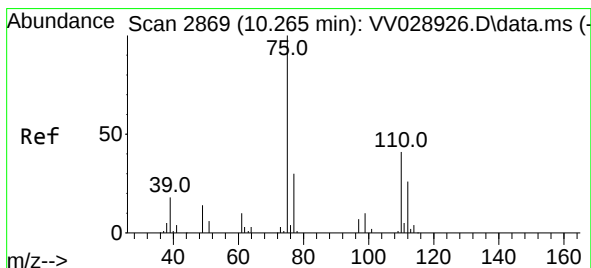
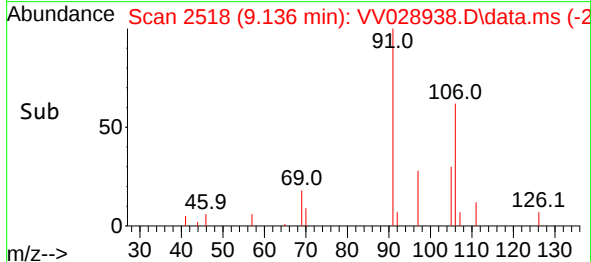
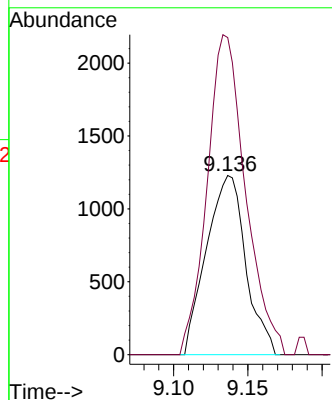
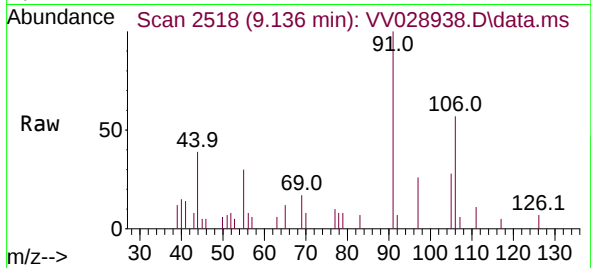




#53
 m,p-Xylene
 Concen: 0.067 ug/L
 RT: 9.136 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV028938.D
 Acq: 14 Nov 2022 15:09

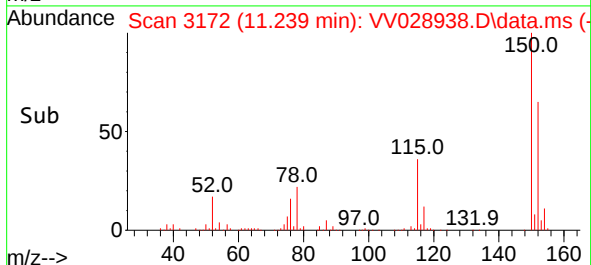
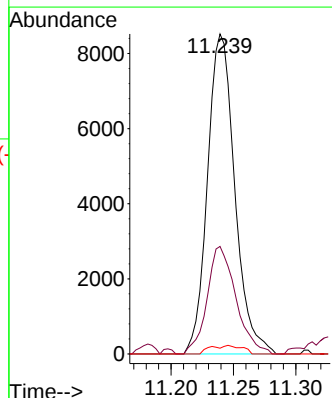
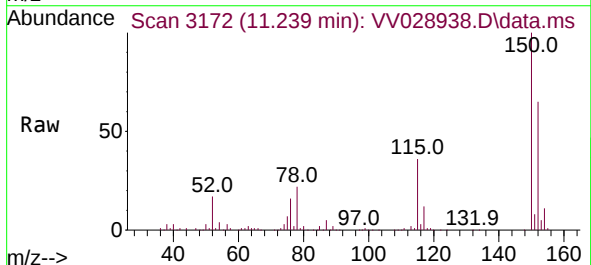
Instrument :
 MSVOA_V
 ClientSampleId :
 COAH0DL

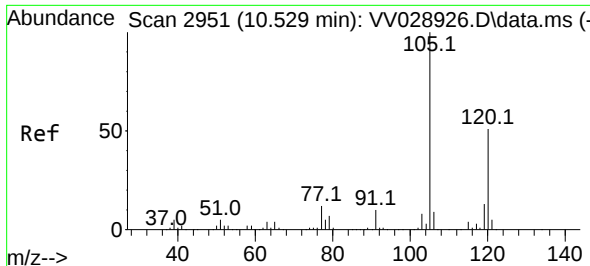
Tgt Ion:106 Resp: 2262
 Ion Ratio Lower Upper
 106 100
 91 177.0 139.1 258.3



#61
 1,2,3-Trichloropropane
 Concen: 1.503 ug/L
 RT: 11.239 min Scan# 3172
 Delta R.T. 0.974 min
 Lab File: VV028938.D
 Acq: 14 Nov 2022 15:09

Tgt Ion: 75 Resp: 12973
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.2 39.2
 110 1.9 32.6 48.8#

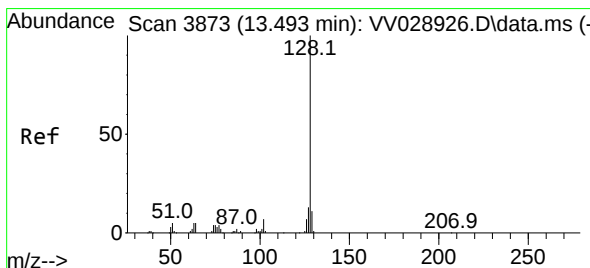
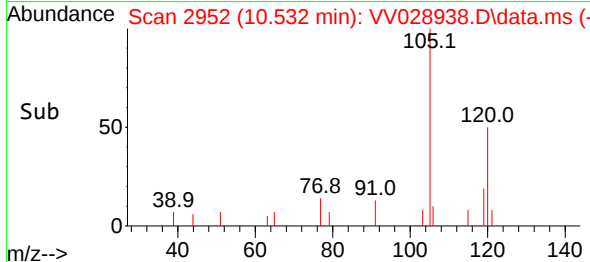
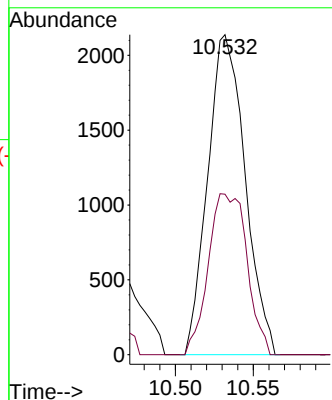
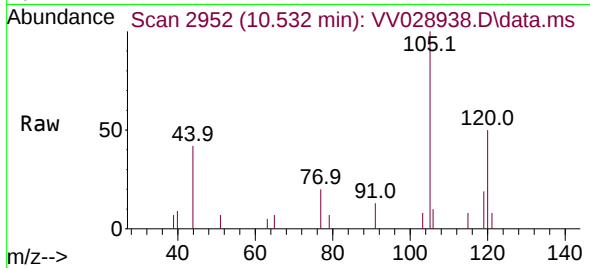




#62
1,3,5-Trimethylbenzene
Concen: 0.051 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Instrument :
MSVOA_V
ClientSampleId :
C0AH0DL

Tgt Ion:105 Resp: 3562
Ion Ratio Lower Upper
105 100
120 51.9 39.9 59.9



#71
Naphthalene
Concen: 0.203 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV028938.D
Acq: 14 Nov 2022 15:09

Tgt Ion:128 Resp: 5897
Ion Ratio Lower Upper
128 100
129 17.2 8.8 13.2#
127 11.1 9.8 14.8

