

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029334.D
 Acq On : 24 Nov 2022 08:05
 Operator : SY/MD
 Sample : N5725-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:24:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	239334	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	210580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	105253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84600	5.744	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.564	69	67031	6.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.400%
11) 1,1-Dichloroethene-d2	2.105	63	103017	4.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.908	46	153444	62.276	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.560%
24) Chloroform-d	4.342	84	150827	5.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
26) 1,2-Dichloroethane-d4	5.024	65	69745	6.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
32) Benzene-d6	5.043	84	337845	5.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
36) 1,2-Dichloropropane-d6	6.063	67	96775	5.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.400%
41) Toluene-d8	7.310	98	309300	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	7.619	79	32293	5.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.085	63	129431	57.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60098	5.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	110728	6.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1527	0.093	ug/L	86
13) Acetone	2.211	43	20470	11.426	ug/L	75
15) Methyl Acetate	2.445	43	1926	0.374	ug/L #	71
16) Methylene chloride	2.503	84	6690	0.356	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	6511	0.461	ug/L	98
25) Chloroform	4.371	83	20675	0.779	ug/L	94
27) 1,2-Dichloroethane	5.040	62	1675	0.116	ug/L #	72
34) Trichloroethene	5.911	95	4599	0.286	ug/L	95
35) Methylcyclohexane	6.063	83	23166	0.854	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10255	0.691	ug/L #	85
42) Toluene	7.384	91	112865	1.670	ug/L	98
44) trans-1,3-Dichloropropene	7.619	75	1378	0.080	ug/L	86
47) Tetrachloroethene	7.969	164	6402	0.486	ug/L	92
49) Dibromochloromethane	7.969	129	5834	0.516	ug/L #	11
52) Ethylbenzene	9.008	91	9700	0.138	ug/L	95
53) m,p-Xylene	9.133	106	12430	0.447	ug/L	99
54) o-Xylene	9.538	106	4679	0.171	ug/L	95
55) Styrene	9.558	104	3834	0.083	ug/L #	77
60) Isopropylbenzene	9.535	105	2658	0.039	ug/L #	3

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
 Data File : VV029334.D
 Acq On : 24 Nov 2022 08:05
 Operator : SY/MD
 Sample : N5725-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:24:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

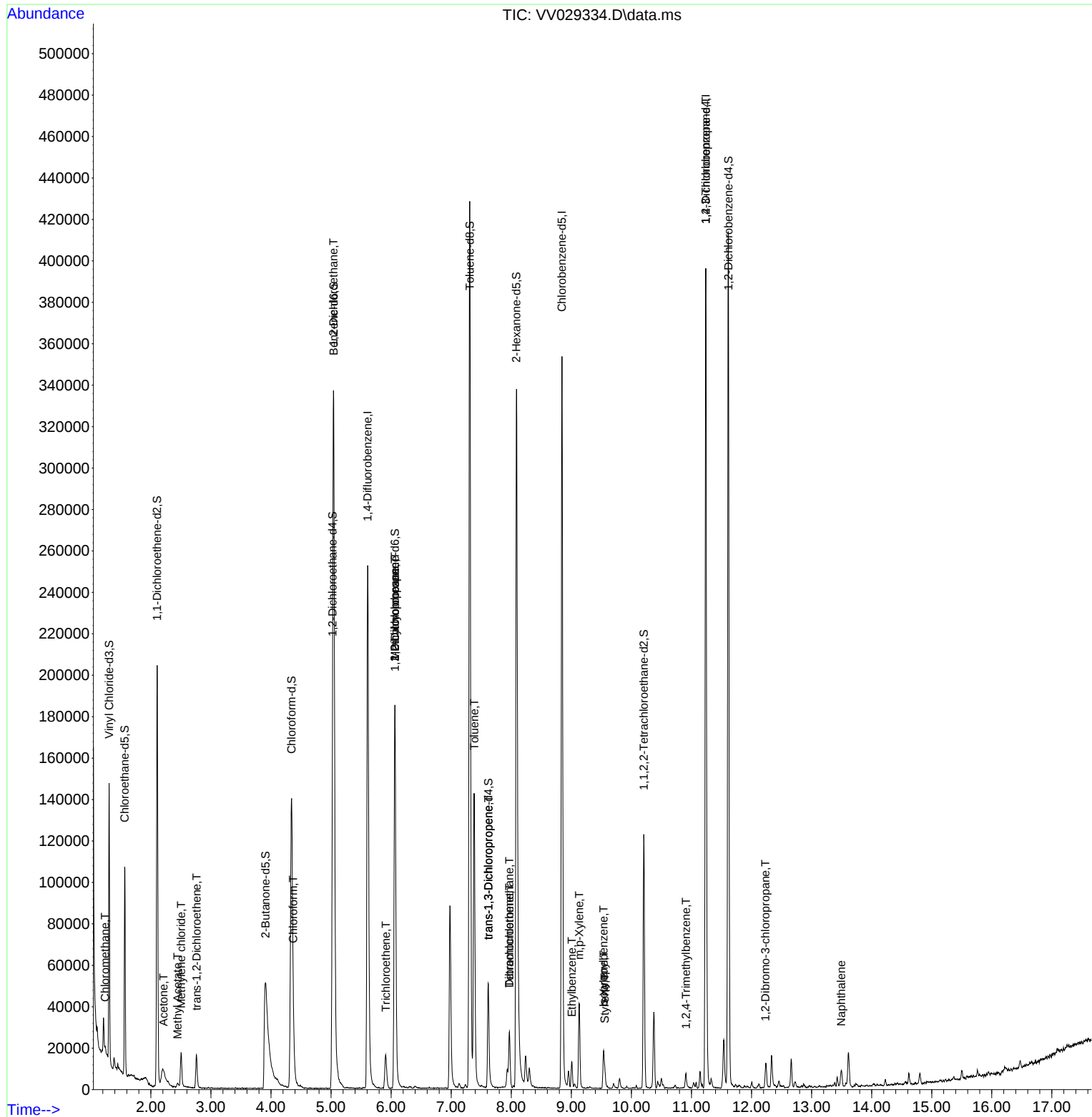
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.239	75	12237	1.676	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.908	105	4575	0.077	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.233	75	301	0.210	ug/L #	1
71) Naphthalene	13.493	128	7748	0.422	ug/L	96

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

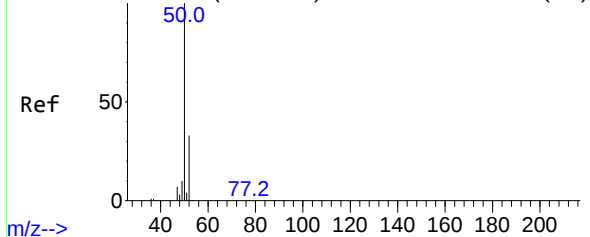
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029334.D
Acq On : 24 Nov 2022 08:05
Operator : SY/MD
Sample : N5725-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 25 00:24:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:08:22 2022
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029324.D\data.ms (-54)



#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029334.D

Acq: 24 Nov 2022 08:05

Instrument :

MSVOA_V

ClientSampleId :

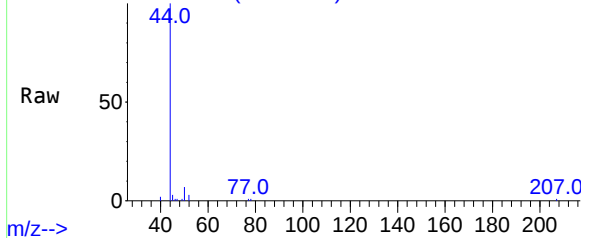
Tgt Ion: 50 Resp: 1527

Ion Ratio Lower Upper

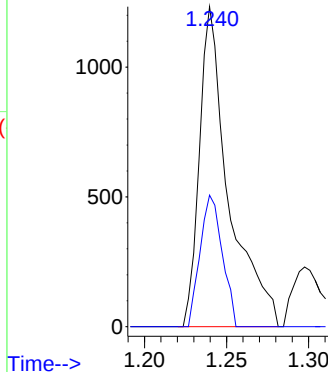
50 100

52 41.1 23.2 43.2

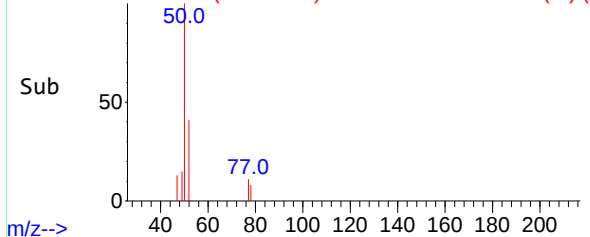
Abundance Scan 62 (1.240 min): VV029334.D\data.ms



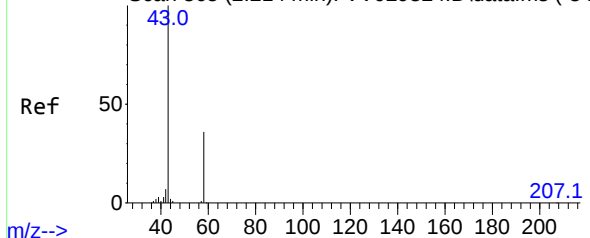
Abundance



Abundance Scan 62 (1.240 min): VV029334.D\data.ms (-1)



Abundance Scan 365 (2.214 min): VV029324.D\data.ms (-34)



#13

Acetone

Concen: 11.426 ug/L

RT: 2.211 min Scan# 364

Delta R.T. -0.003 min

Lab File: VV029334.D

Acq: 24 Nov 2022 08:05

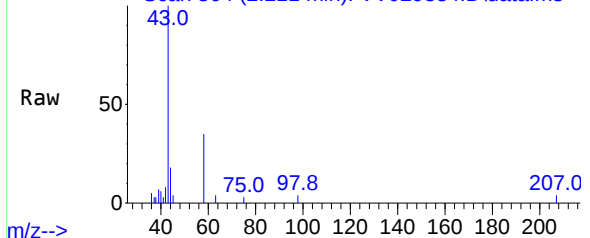
Tgt Ion: 43 Resp: 20470

Ion Ratio Lower Upper

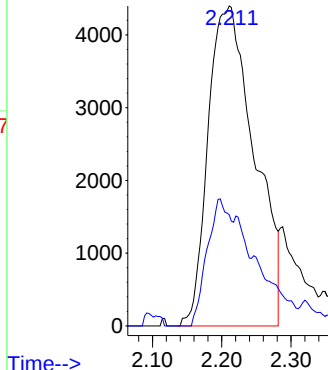
43 100

58 20.6 0.0 70.8

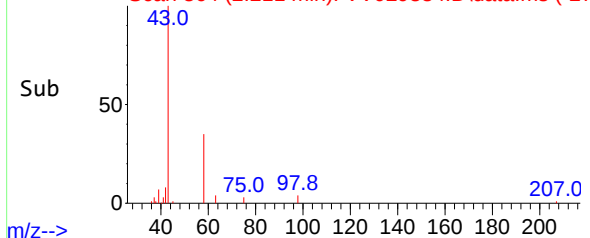
Abundance Scan 364 (2.211 min): VV029334.D\data.ms

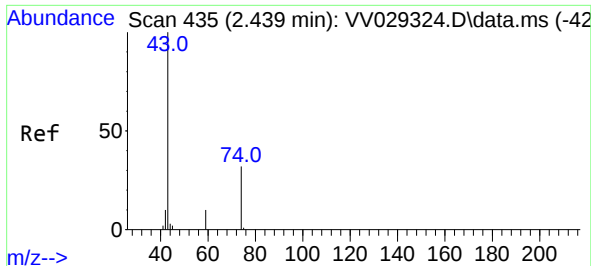


Abundance



Abundance Scan 364 (2.211 min): VV029334.D\data.ms (-27)

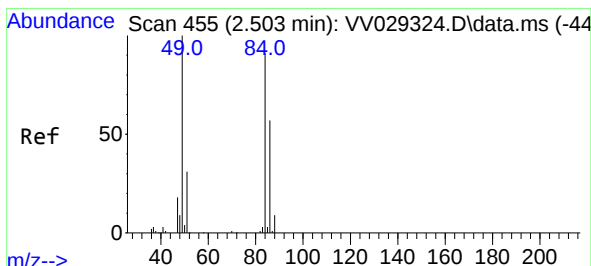
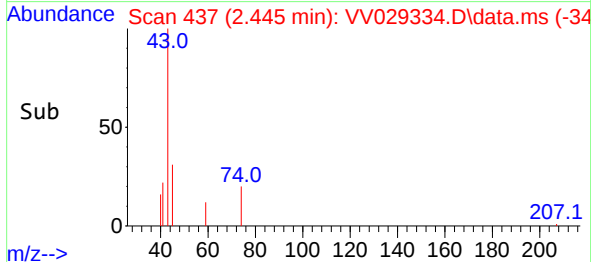
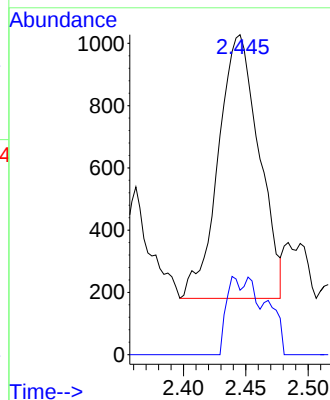
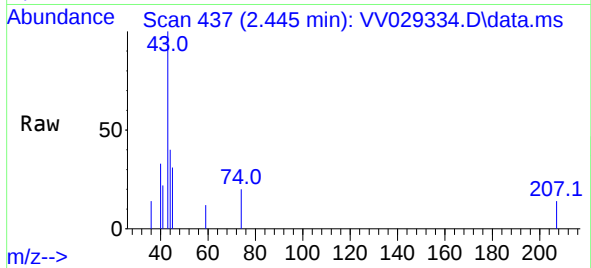




#15
Methyl Acetate
Concen: 0.374 ug/L
RT: 2.445 min Scan# 435
Delta R.T. 0.006 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

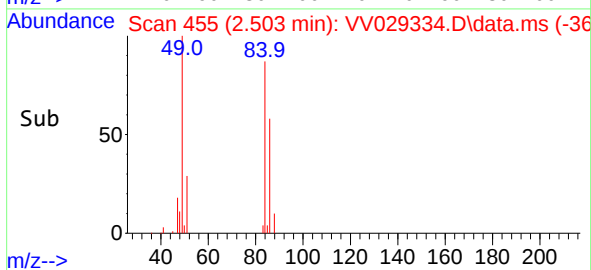
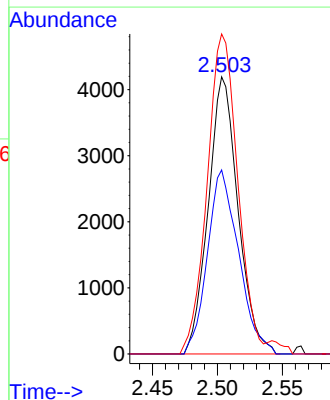
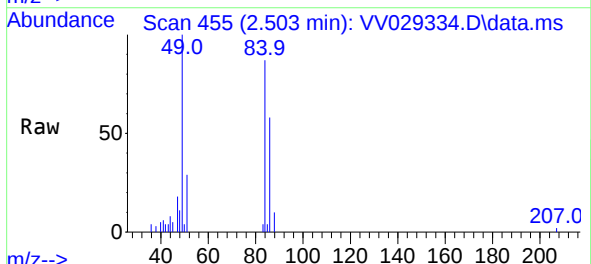
Instrument :
MSVOA_V
ClientSampleId :

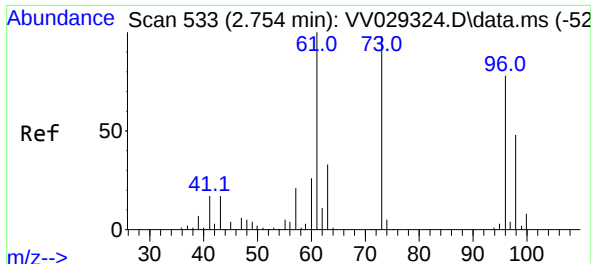
Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
74 10.2 19.6 29.4#



#16
Methylene chloride
Concen: 0.356 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

Tgt Ion: 84 Resp: 6690
Ion Ratio Lower Upper
84 100
86 66.4 45.6 84.6
49 115.5 77.8 144.4

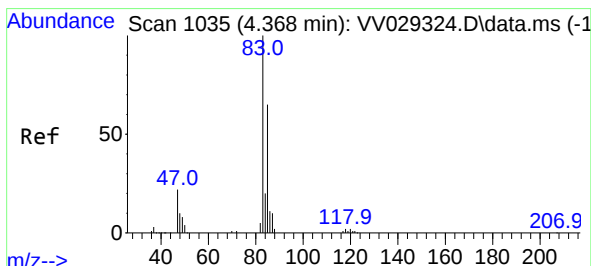
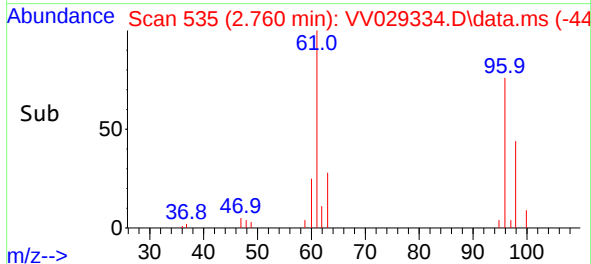
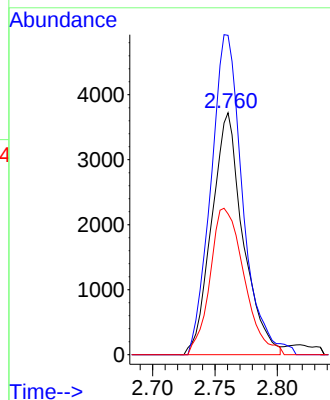
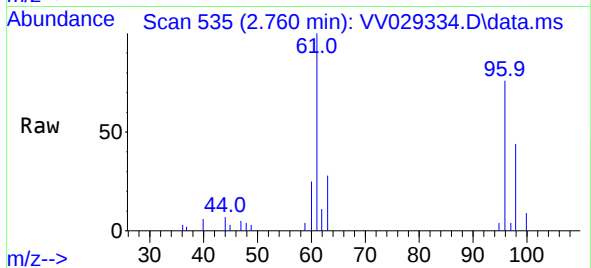




#18
trans-1,2-Dichloroethene
Concen: 0.461 ug/L
RT: 2.760 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

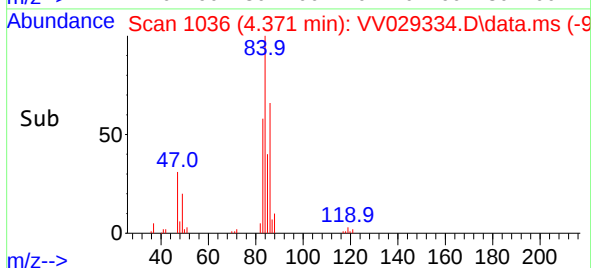
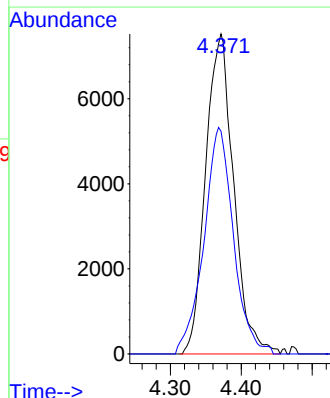
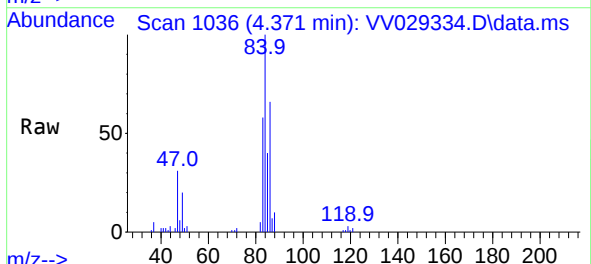
Instrument :
MSVOA_V
ClientSampleId :

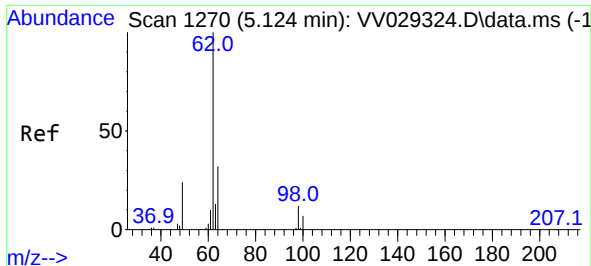
Tgt Ion: 96 Resp: 6511
Ion Ratio Lower Upper
96 100
61 132.1 93.0 172.6
98 58.2 44.0 81.8



#25
Chloroform
Concen: 0.779 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

Tgt Ion: 83 Resp: 20675
Ion Ratio Lower Upper
83 100
85 69.6 45.4 84.4

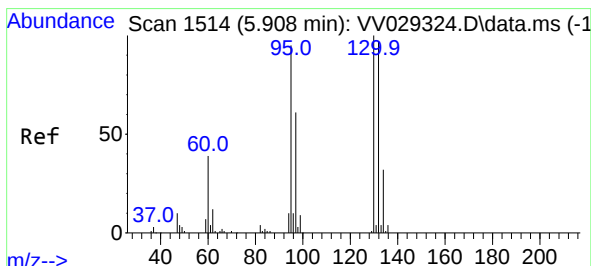
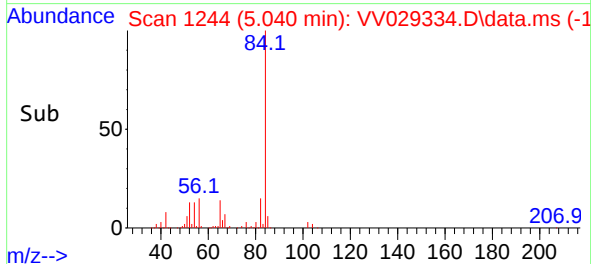
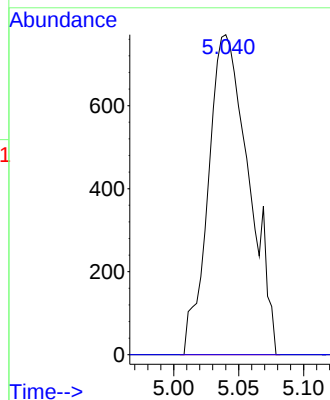
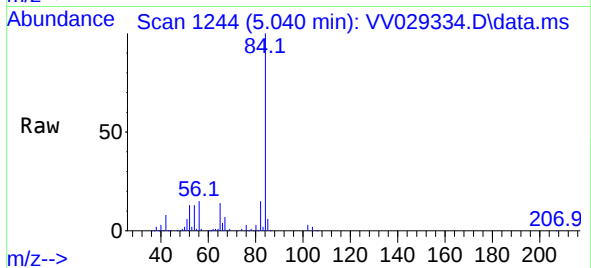




#27
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

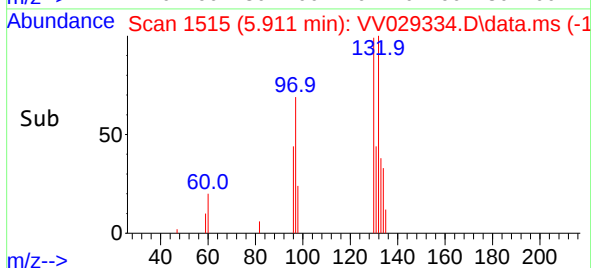
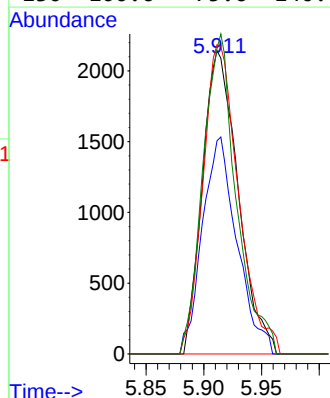
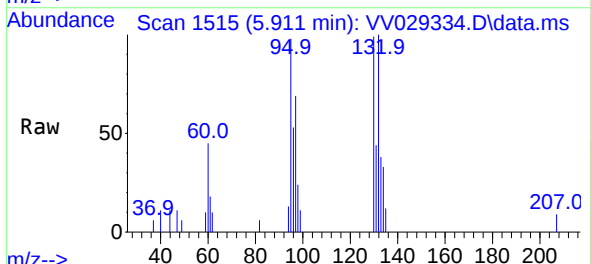
Instrument :
MSVOA_V
ClientSampleId :

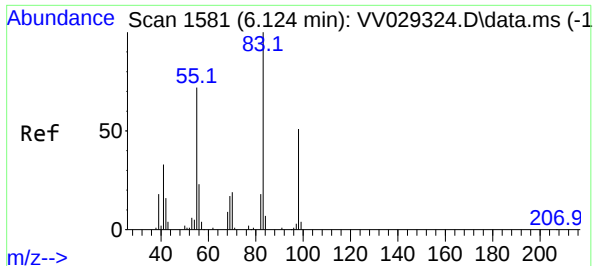
Tgt Ion: 62 Resp: 1675
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#34
Trichloroethene
Concen: 0.286 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

Tgt Ion: 95 Resp: 4599
Ion Ratio Lower Upper
95 100
97 70.2 45.4 84.4
132 101.9 73.3 136.1
130 100.6 75.6 140.4





#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029334.D

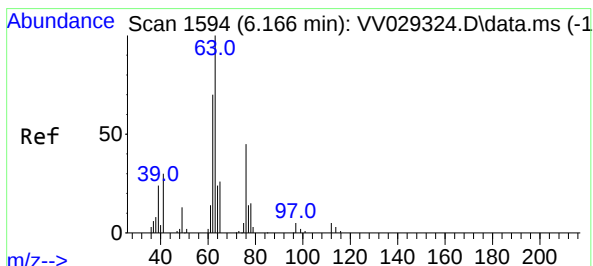
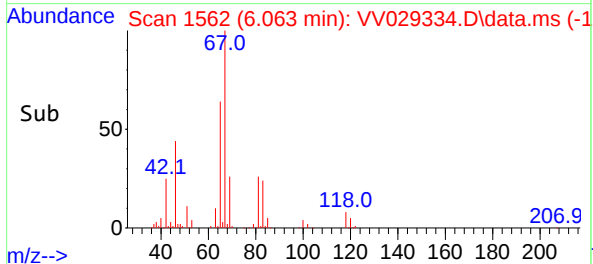
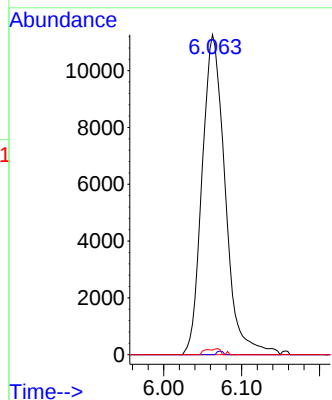
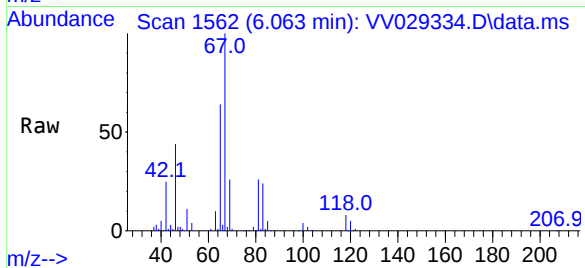
Acq: 24 Nov 2022 08:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	23166
Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.4	83.2#
98	0.5	39.4	59.2#



#37

1,2-Dichloropropane

Concen: 0.691 ug/L

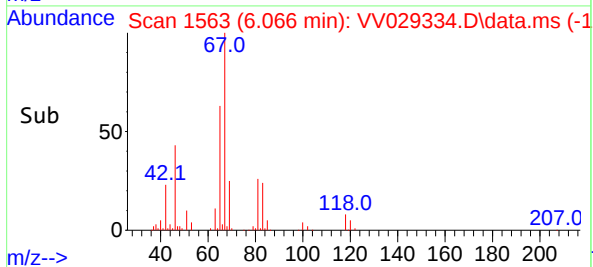
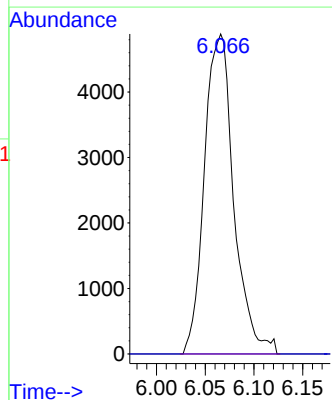
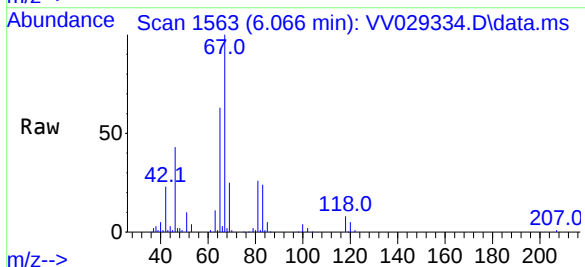
RT: 6.066 min Scan# 1563

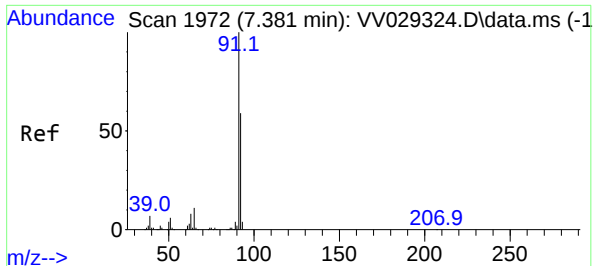
Delta R.T. -0.100 min

Lab File: VV029334.D

Acq: 24 Nov 2022 08:05

Tgt Ion:	63	Resp:	10255
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#





#42

Toluene

Concen: 1.670 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029334.D

Acq: 24 Nov 2022 08:05

Instrument :

MSVOA_V

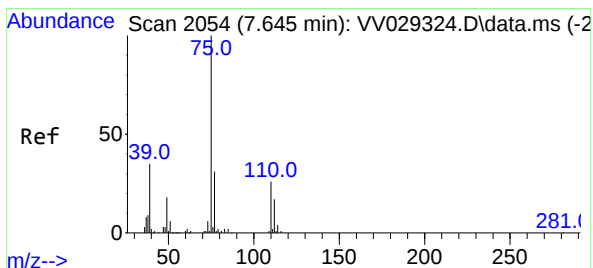
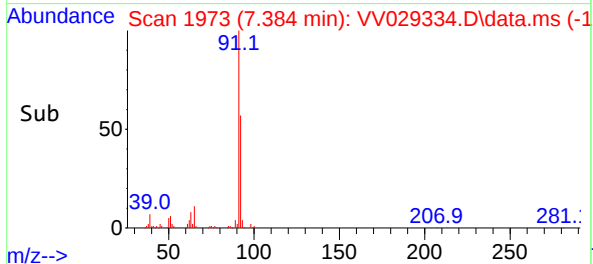
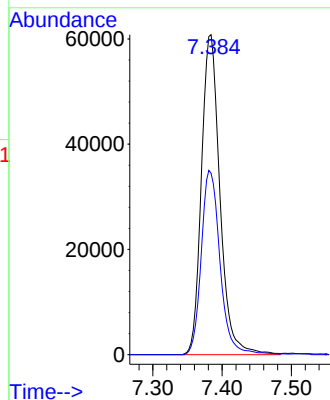
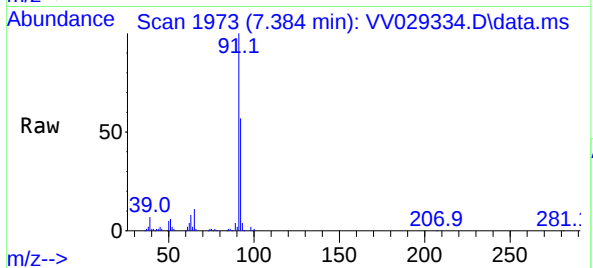
ClientSampleId :

Tgt Ion: 91 Resp: 112865

Ion Ratio Lower Upper

91 100

92 56.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV029334.D

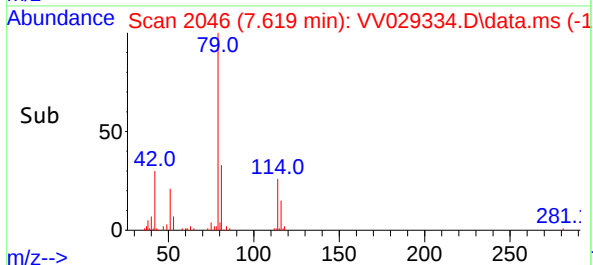
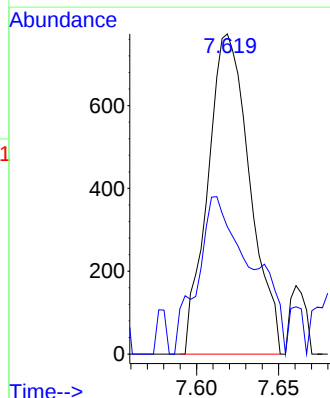
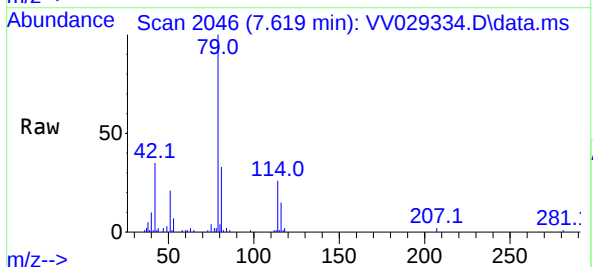
Acq: 24 Nov 2022 08:05

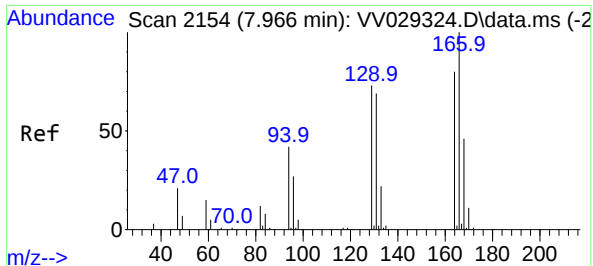
Tgt Ion: 75 Resp: 1378

Ion Ratio Lower Upper

75 100

77 39.7 22.4 41.6





#47

Tetrachloroethene

Concen: 0.486 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

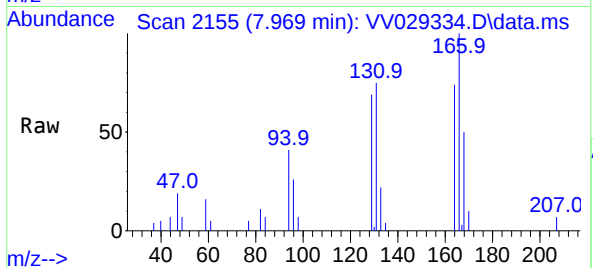
Lab File: VV029334.D

Acq: 24 Nov 2022 08:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 6402

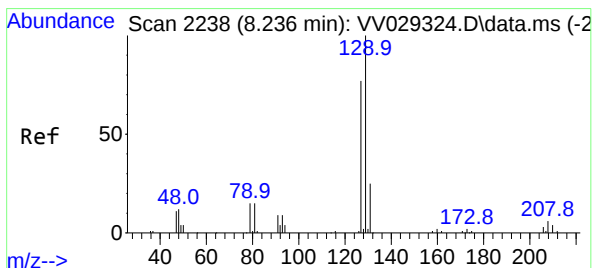
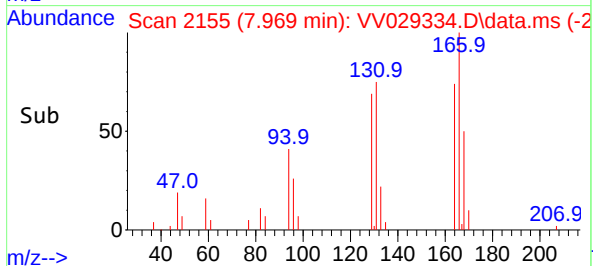
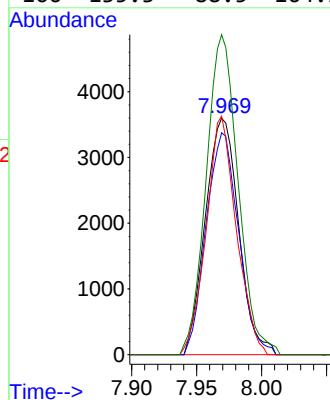
Ion Ratio Lower Upper

164 100

129 93.9 61.7 114.7

131 100.9 62.9 116.9

166 135.3 88.5 164.3



#49

Dibromochloromethane

Concen: 0.516 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029334.D

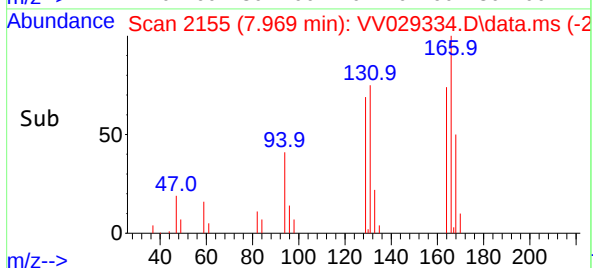
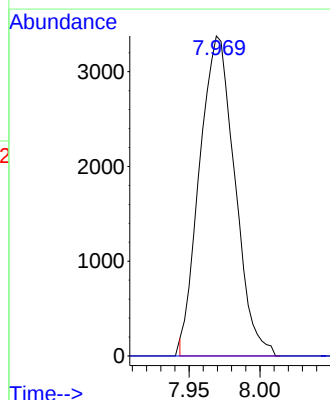
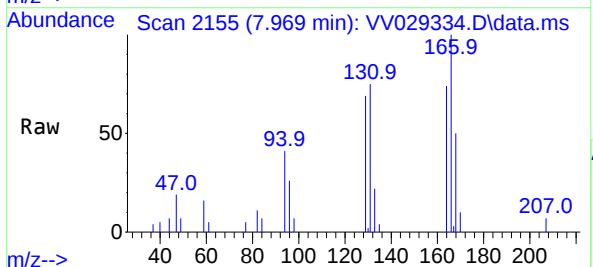
Acq: 24 Nov 2022 08:05

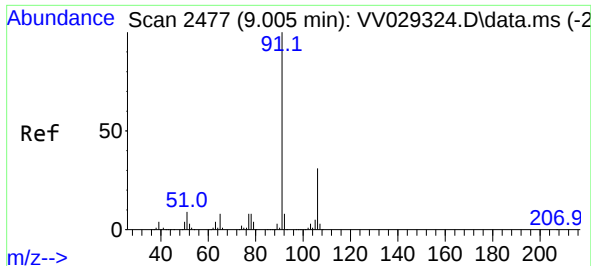
Tgt Ion:129 Resp: 5834

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#





#52

Ethylbenzene

Concen: 0.138 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV029334.D

Acq: 24 Nov 2022 08:05

Instrument :

MSVOA_V

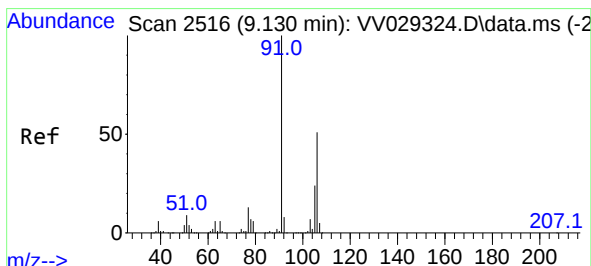
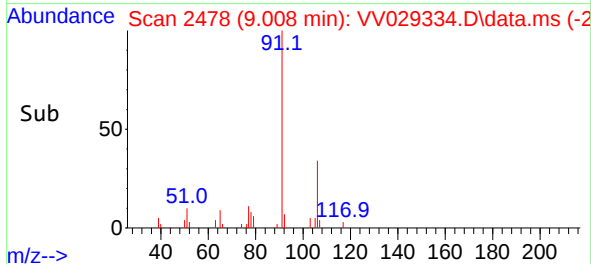
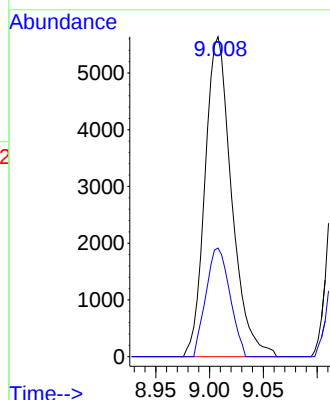
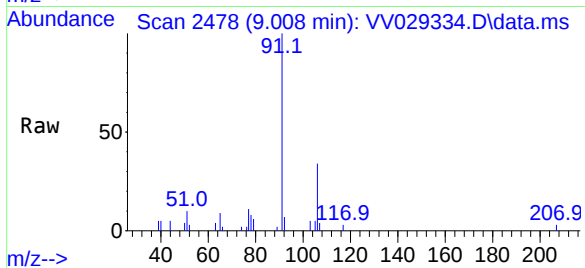
ClientSampleId :

Tgt Ion: 91 Resp: 9700

Ion Ratio Lower Upper

91 100

106 33.9 21.9 40.7



#53

m,p-Xylene

Concen: 0.447 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029334.D

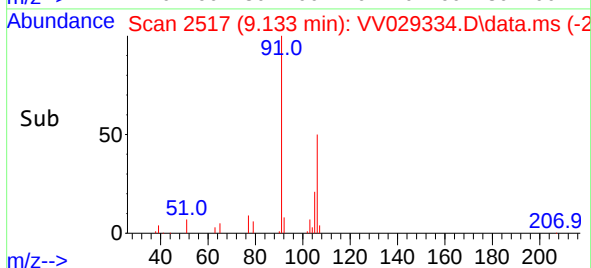
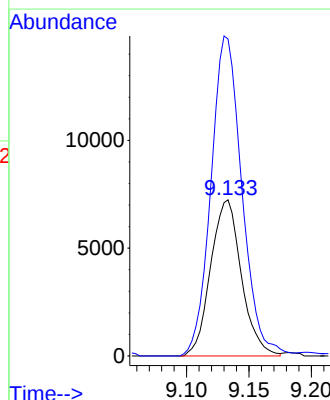
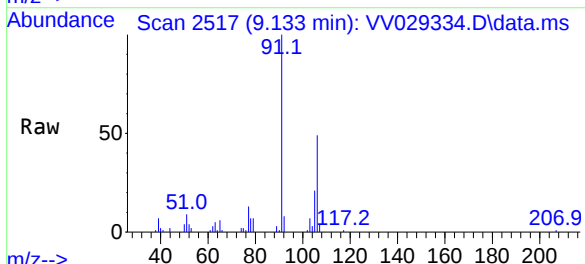
Acq: 24 Nov 2022 08:05

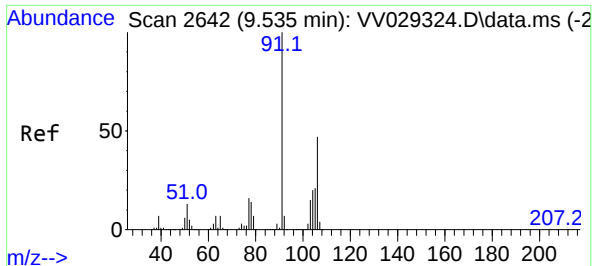
Tgt Ion: 106 Resp: 12430

Ion Ratio Lower Upper

106 100

91 203.0 140.6 261.2





#54

o-Xylene

Concen: 0.171 ug/L

RT: 9.538 min Scan# 2643

Delta R.T. 0.003 min

Lab File: VV029334.D

Acq: 24 Nov 2022 08:05

Instrument :

MSVOA_V

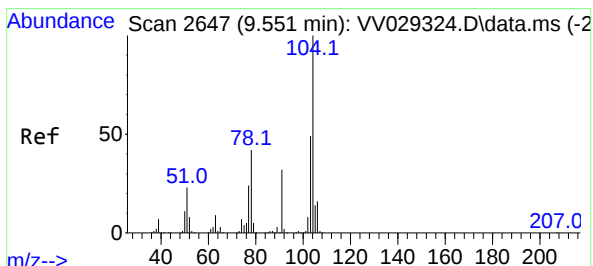
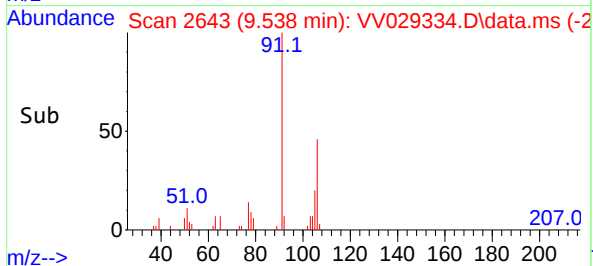
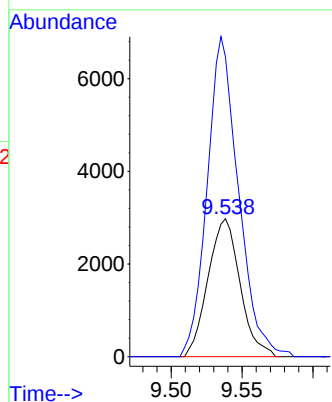
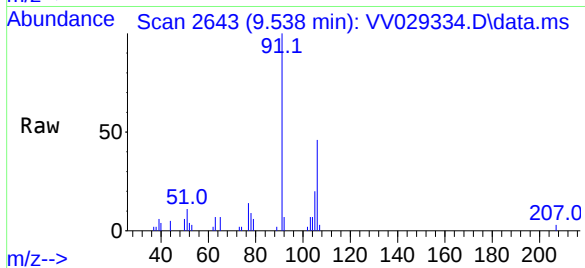
ClientSampleId :

Tgt Ion:106 Resp: 4679

Ion Ratio Lower Upper

106 100

91 217.3 146.9 272.9



#55

Styrene

Concen: 0.083 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.006 min

Lab File: VV029334.D

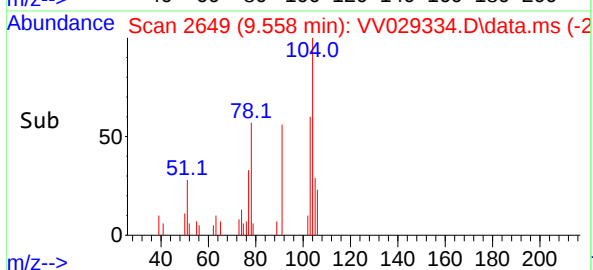
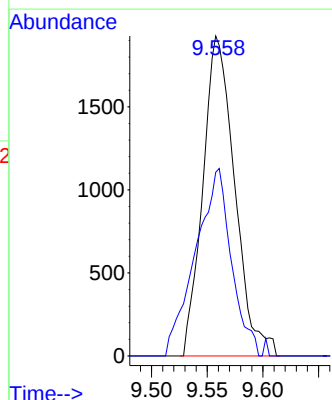
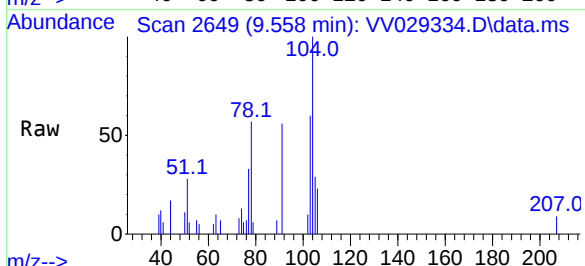
Acq: 24 Nov 2022 08:05

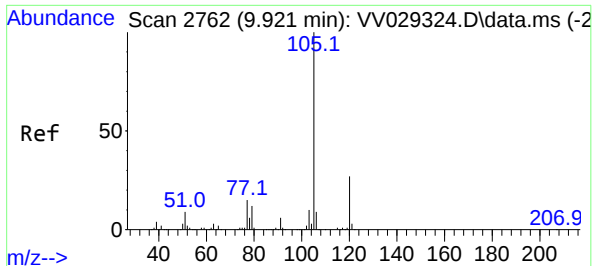
Tgt Ion:104 Resp: 3834

Ion Ratio Lower Upper

104 100

78 57.4 29.9 55.5#

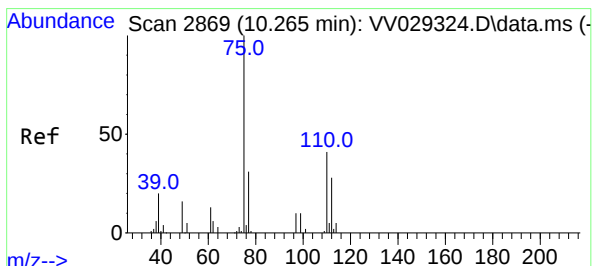
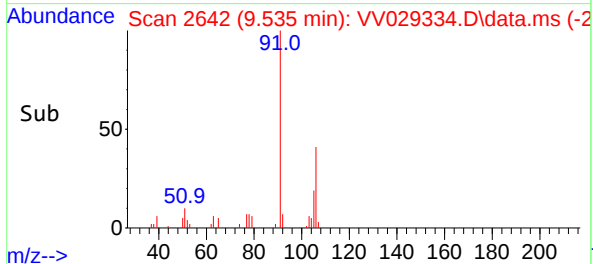
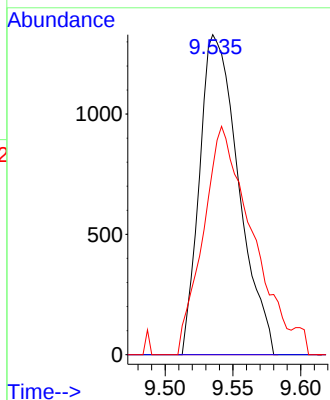
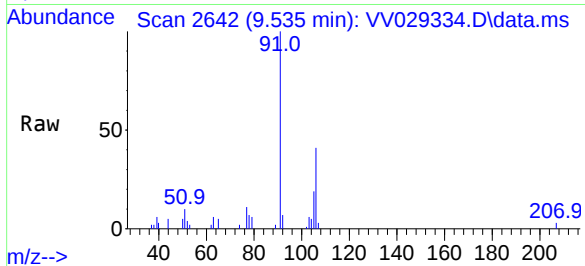




#60
Isopropylbenzene
Concen: 0.039 ug/L
RT: 9.535 min Scan# 21
Delta R.T. -0.386 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

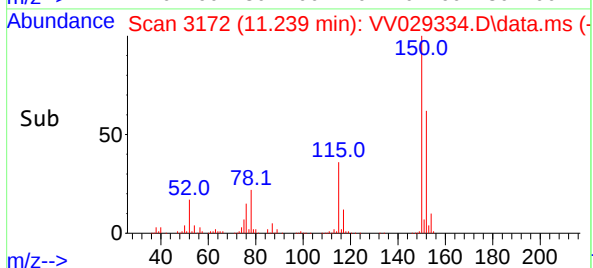
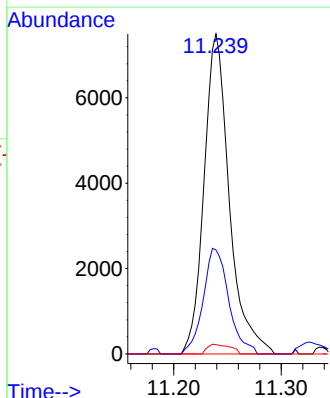
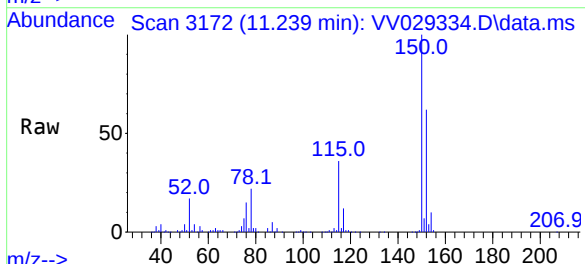
Instrument :
MSVOA_V
ClientSampleId :

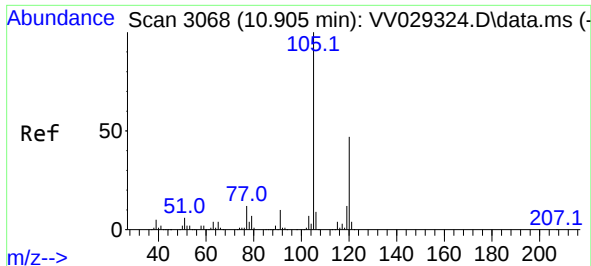
Tgt Ion:105 Resp: 2658
Ion Ratio Lower Upper
105 100
120 0.0 21.4 32.2#
77 88.7 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 1.676 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

Tgt Ion: 75 Resp: 12237
Ion Ratio Lower Upper
75 100
77 33.3 26.7 40.1
110 2.8 32.2 48.4#

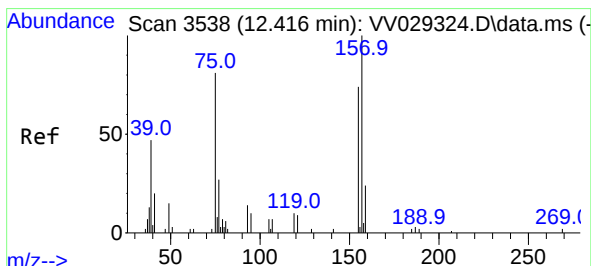
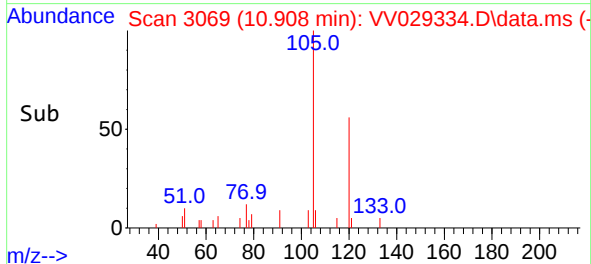
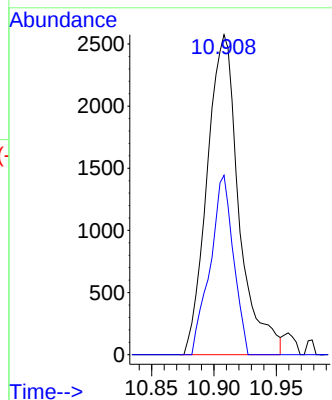
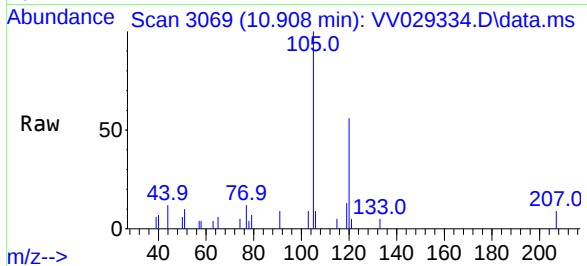




#63
1,2,4-Trimethylbenzene
Concen: 0.077 ug/L
RT: 10.908 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

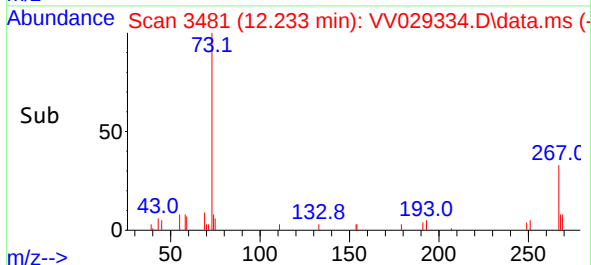
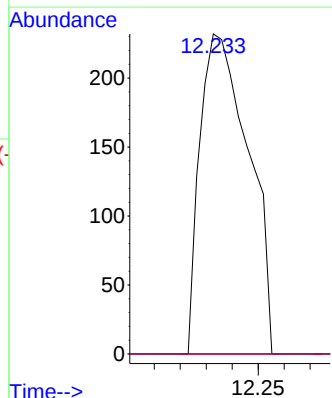
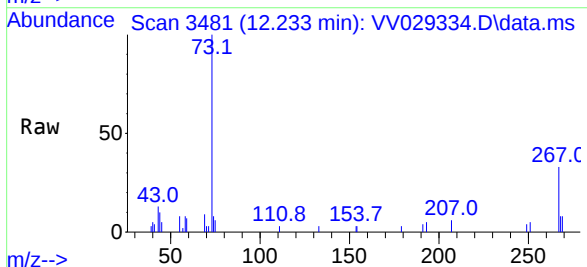
Instrument :
MSVOA_V
ClientSampleId :

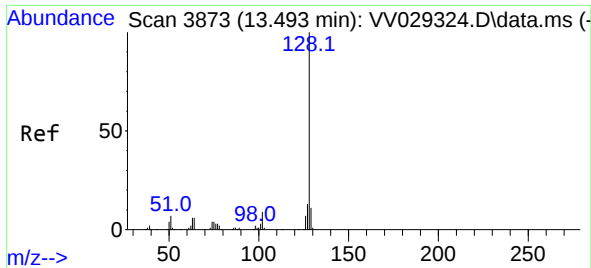
Tgt Ion:105 Resp: 4575
Ion Ratio Lower Upper
105 100
120 40.7 37.2 55.8



#68
1,2-Dibromo-3-chloropropane
Concen: 0.210 ug/L
RT: 12.233 min Scan# 3481
Delta R.T. -0.183 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

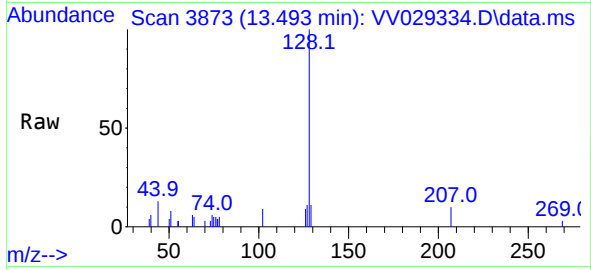
Tgt Ion: 75 Resp: 301
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#





#71
Naphthalene
Concen: 0.422 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029334.D
Acq: 24 Nov 2022 08:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 7748

Ion	Ratio	Lower	Upper
128	100		
129	9.1	8.9	13.3
127	12.1	10.6	15.8

