

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029338.D
 Acq On : 24 Nov 2022 09:43
 Operator : SY/MD
 Sample : N5725-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:24:42 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	5.613	114	212972	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	177923	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	80475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74519	5.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.800%
7) Chloroethane-d5	1.565	69	64024	6.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	133.400%#
11) 1,1-Dichloroethene-d2	2.105	63	88169	4.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.912	46	150234	68.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.040%#
24) Chloroform-d	4.339	84	149313	6.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.600%#
26) 1,2-Dichloroethane-d4	5.027	65	73115	7.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	142.000%#
32) Benzene-d6	5.044	84	314424	6.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.800%#
36) 1,2-Dichloropropane-d6	6.063	67	96773	7.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.000%
41) Toluene-d8	7.310	98	258016	5.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
43) trans-1,3-Dichloroprop...	7.616	79	32911	6.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	123.600%
46) 2-Hexanone-d5	8.085	63	150411	79.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	158.420%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64304	7.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	150.800%#
66) 1,2-Dichlorobenzene-d4	11.616	152	89877	6.393	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.217	85	1656	0.104	ug/L	91
3) Chloromethane	1.240	50	1164	0.080	ug/L	96
12) 1,1-Dichloroethene	2.114	96	8205	0.749	ug/L #	1
16) Methylene chloride	2.503	84	19848	1.186	ug/L	98
19) 1,1-Dichloroethane	3.185	63	35907	1.587	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	130057	9.047	ug/L	96
25) Chloroform	4.362	83	1664	0.070	ug/L #	59
27) 1,2-Dichloroethane	5.134	62	1581	0.124	ug/L #	87
29) 1,1,1-Trichloroethane	4.600	97	35353	1.727	ug/L	100
31) Carbon tetrachloride	4.600	117	4777	0.276	ug/L	98
34) Trichloroethene	5.912	95	21898	1.613	ug/L	98
35) Methylcyclohexane	6.063	83	23048	1.006	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10429	0.832	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2294	0.125	ug/L #	65
44) trans-1,3-Dichloropropene	7.622	75	1335	0.092	ug/L #	62
48) 2-Hexanone	8.088	43	17950	4.390	ug/L #	75
61) 1,2,3-Trichloropropane	11.239	75	8678	1.555	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.448	75	162	0.148	ug/L #	1
71) Naphthalene	13.490	128	489438	34.889	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:08:22 2022
Response via : Initial Calibration

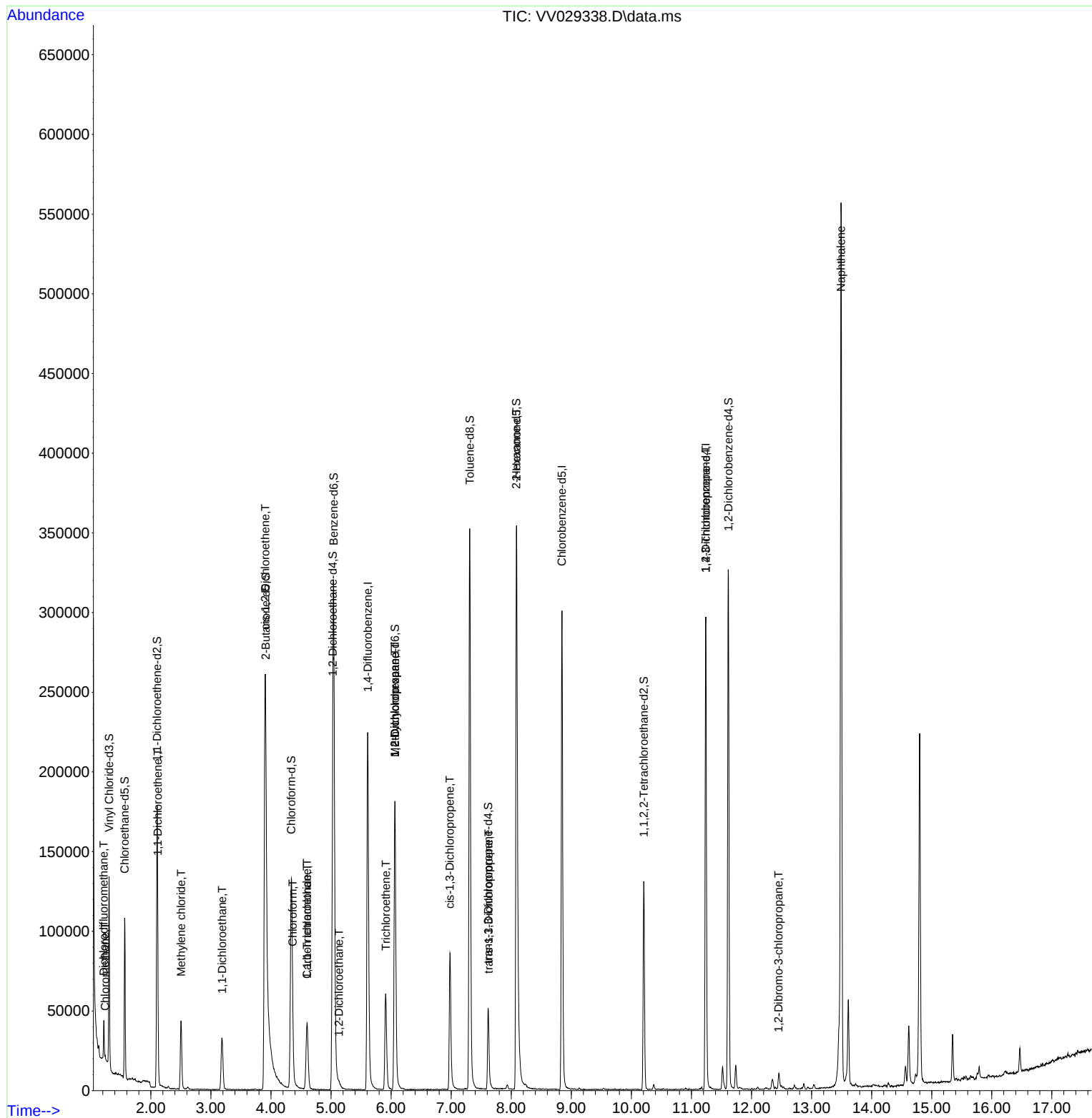
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

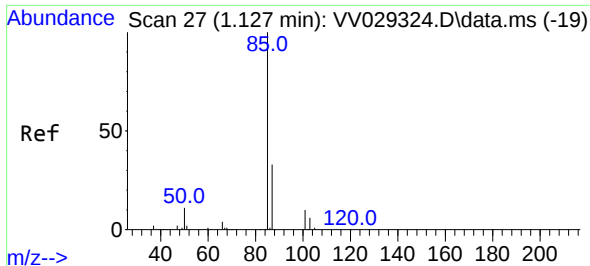
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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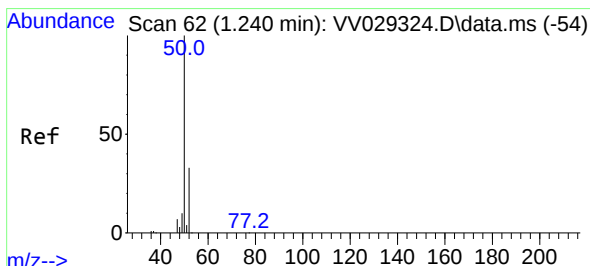
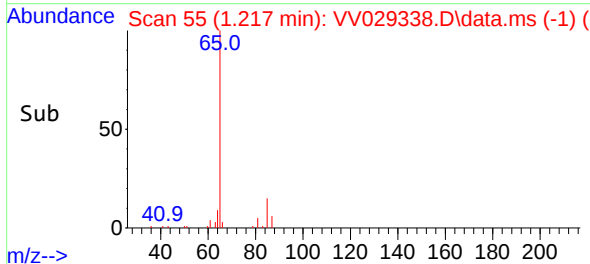
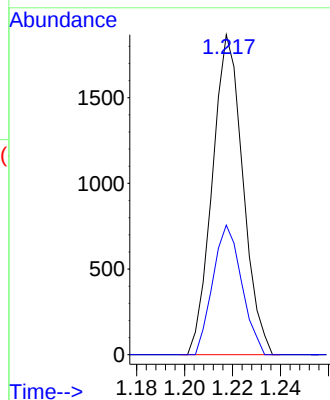
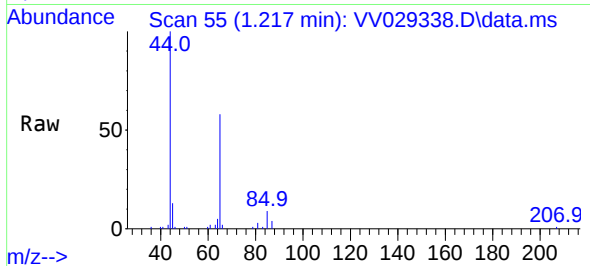




#2
 Dichlorodifluoromethane
 Concen: 0.104 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.090 min
 Lab File: VV029338.D
 Acq: 24 Nov 2022 09:43

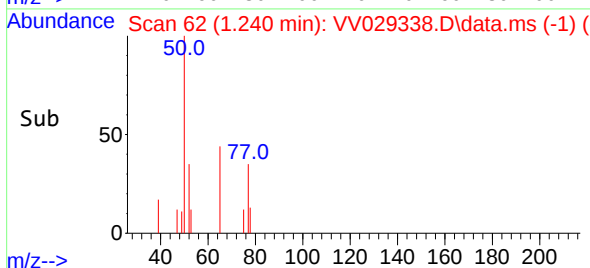
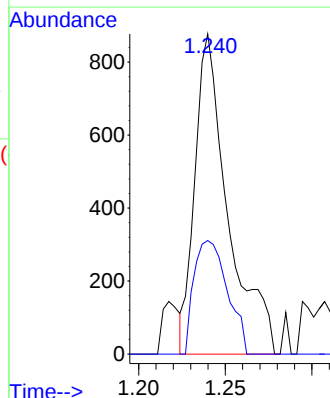
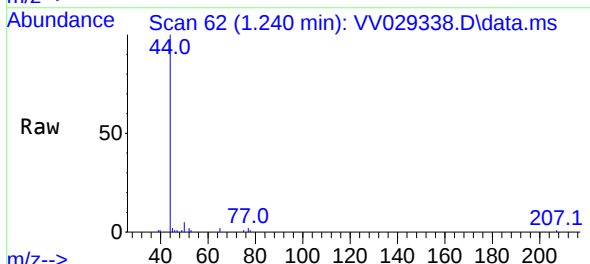
Instrument :
 MSVOA_V
 ClientSampleId :

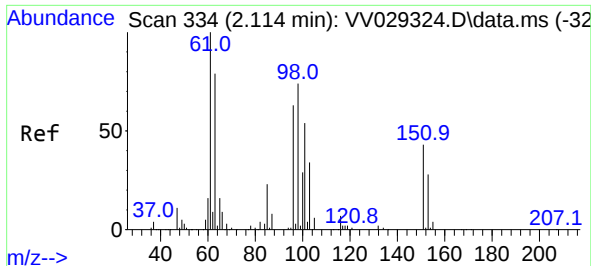
Tgt Ion: 85 Resp: 1656
 Ion Ratio Lower Upper
 85 100
 87 38.1 26.2 39.4



#3
 Chloromethane
 Concen: 0.080 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029338.D
 Acq: 24 Nov 2022 09:43

Tgt Ion: 50 Resp: 1164
 Ion Ratio Lower Upper
 50 100
 52 35.5 23.2 43.2





#12

1,1-Dichloroethene

Concen: 0.749 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.000 min

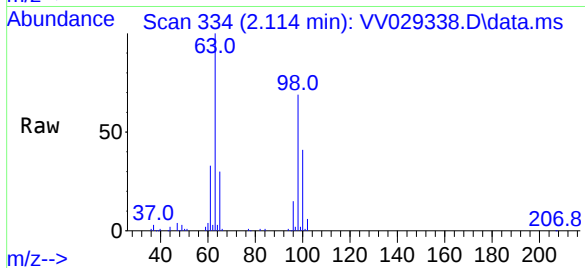
Lab File: VV029338.D

Acq: 24 Nov 2022 09:43

Instrument :

MSVOA_V

ClientSampleId :



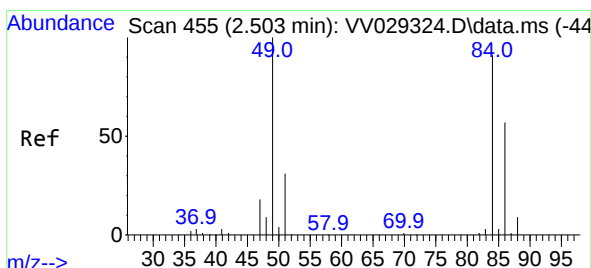
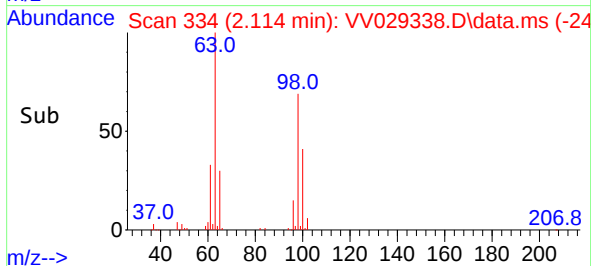
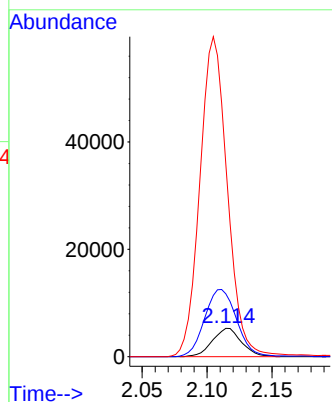
Tgt Ion: 96 Resp: 8205

Ion Ratio Lower Upper

96 100

61 221.8 110.3 204.9#

63 679.2 84.4 156.8#



#16

Methylene chloride

Concen: 1.186 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.000 min

Lab File: VV029338.D

Acq: 24 Nov 2022 09:43

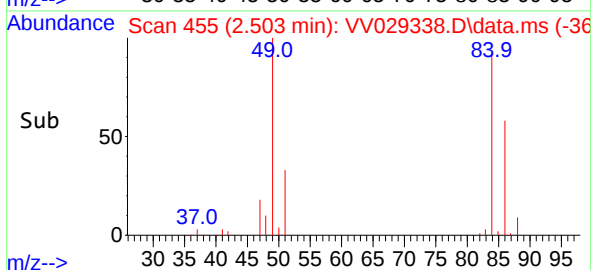
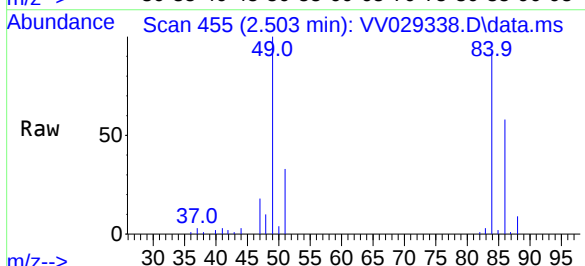
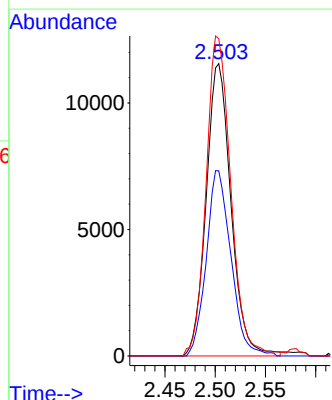
Tgt Ion: 84 Resp: 19848

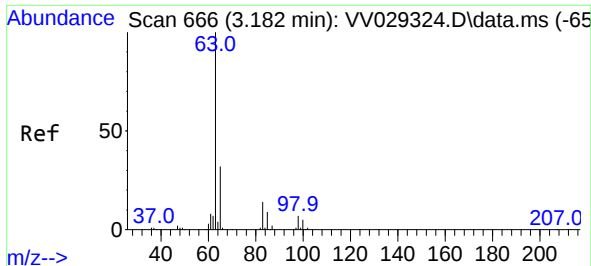
Ion Ratio Lower Upper

84 100

86 63.3 45.6 84.6

49 108.5 77.8 144.4





#19

1,1-Dichloroethane

Concen: 1.587 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

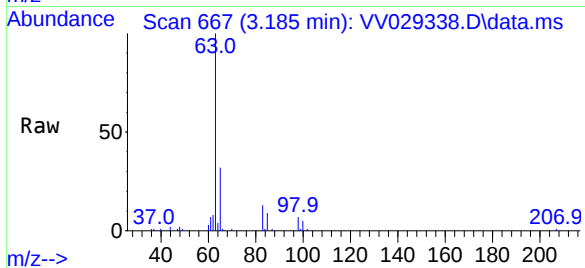
Lab File: VV029338.D

Acq: 24 Nov 2022 09:43

Instrument :

MSVOA_V

ClientSampleId :



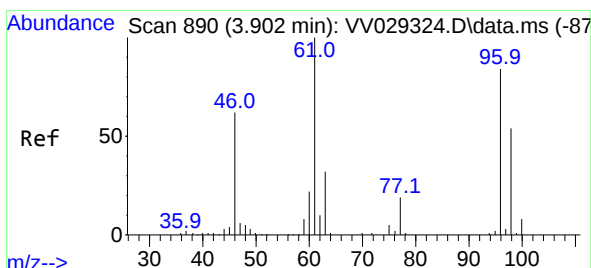
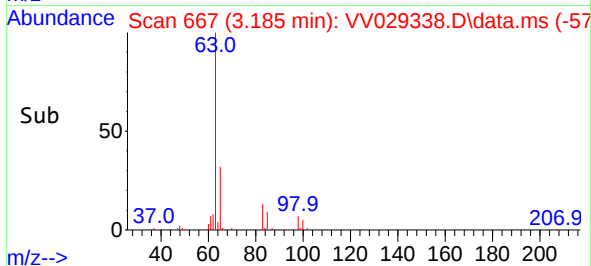
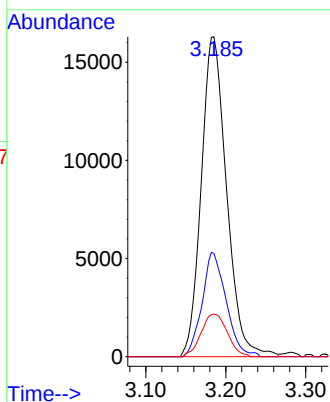
Tgt Ion: 63 Resp: 35907

Ion Ratio Lower Upper

63 100

65 32.3 21.6 40.2

83 13.2 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 9.047 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029338.D

Acq: 24 Nov 2022 09:43

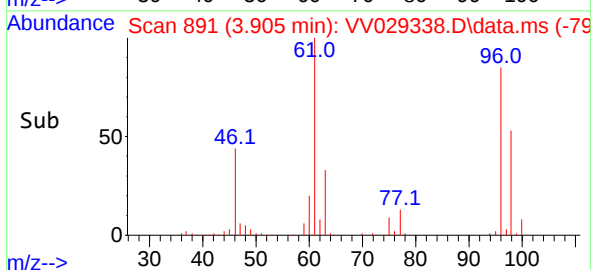
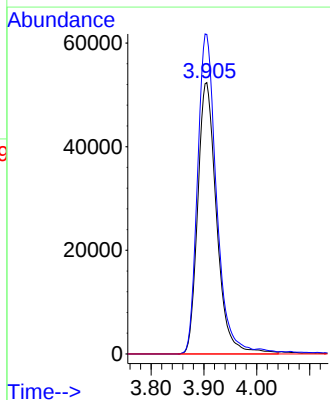
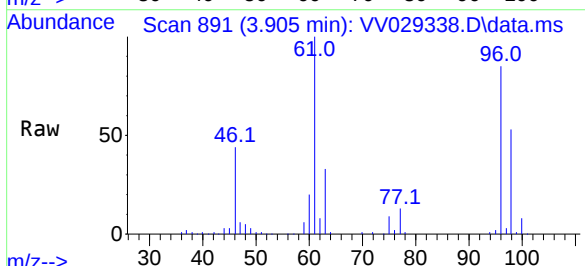
Tgt Ion: 96 Resp: 130057

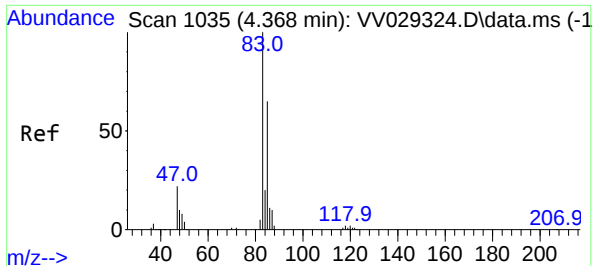
Ion Ratio Lower Upper

96 100

61 117.7 85.8 159.3

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.070 ug/L

RT: 4.362 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV029338.D

Acq: 24 Nov 2022 09:43

Instrument :

MSVOA_V

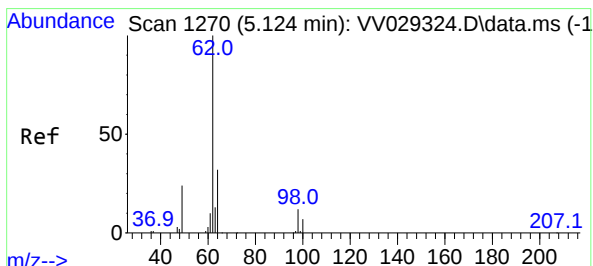
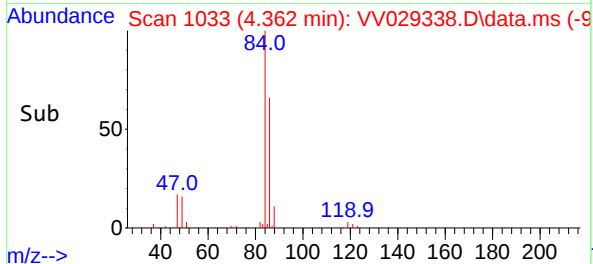
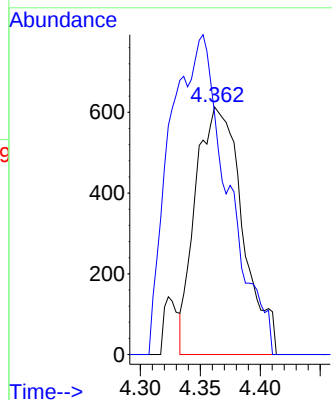
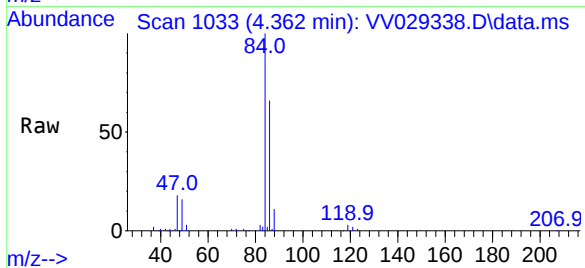
ClientSampleId :

Tgt Ion: 83 Resp: 1664

Ion Ratio Lower Upper

83 100

85 97.2 45.4 84.4#



#27

1,2-Dichloroethane

Concen: 0.124 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV029338.D

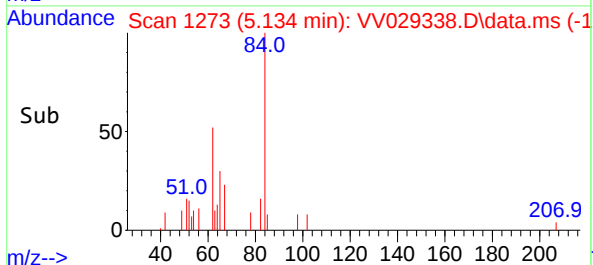
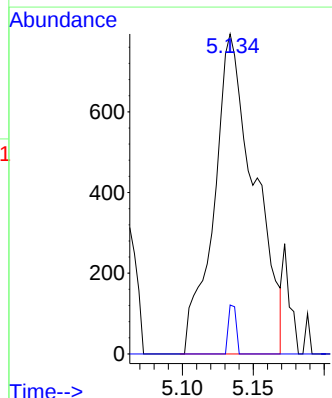
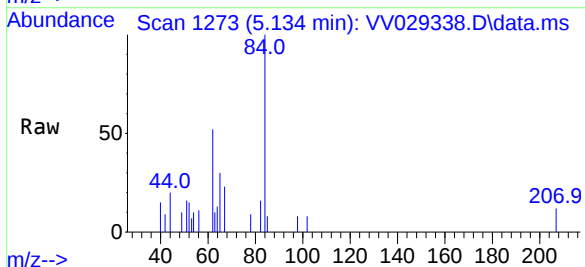
Acq: 24 Nov 2022 09:43

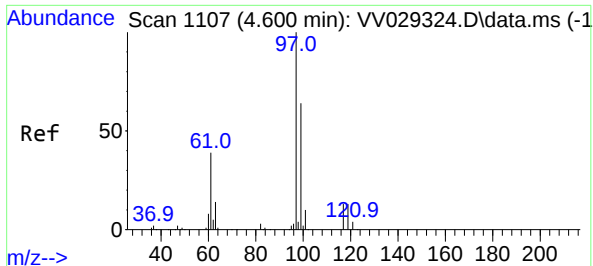
Tgt Ion: 62 Resp: 1581

Ion Ratio Lower Upper

62 100

98 15.3 8.4 12.6#

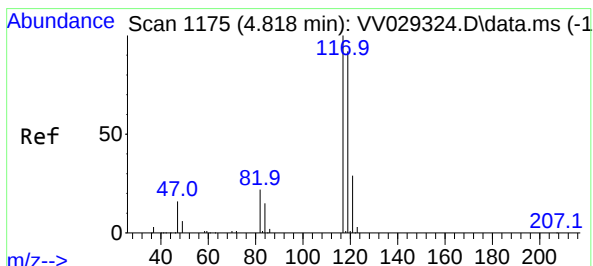
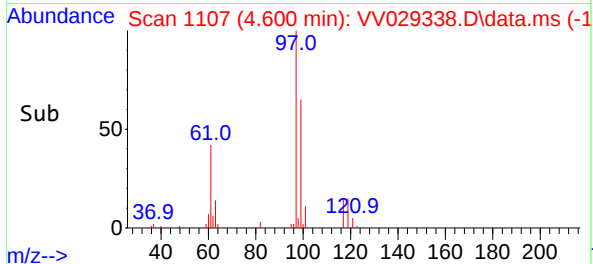
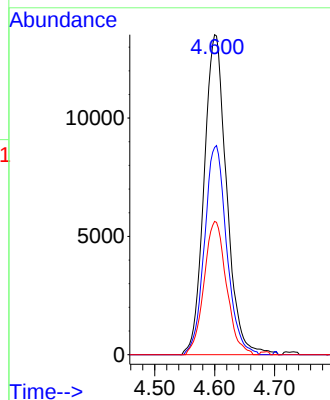
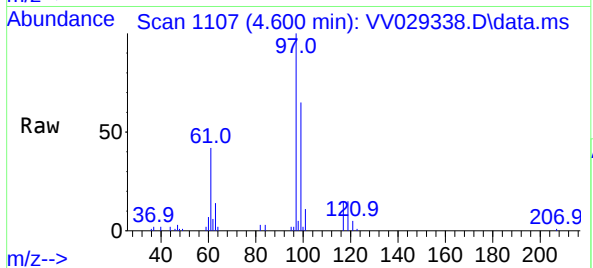




#29
1,1,1-Trichloroethane
Concen: 1.727 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

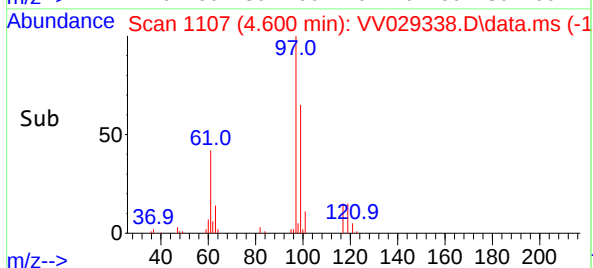
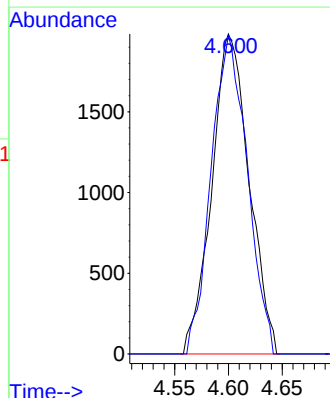
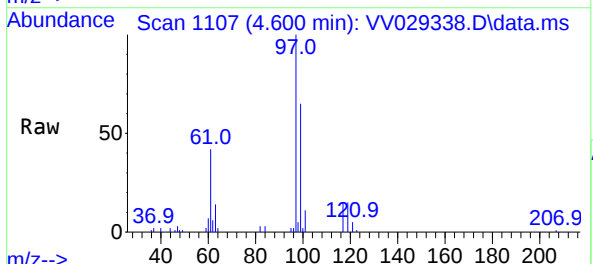
Instrument :
MSVOA_V
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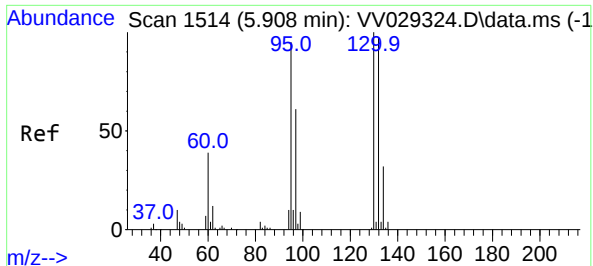
Tgt Ion: 97 Resp: 35353
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 41.4 33.3 49.9



#31
Carbon tetrachloride
Concen: 0.276 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.219 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

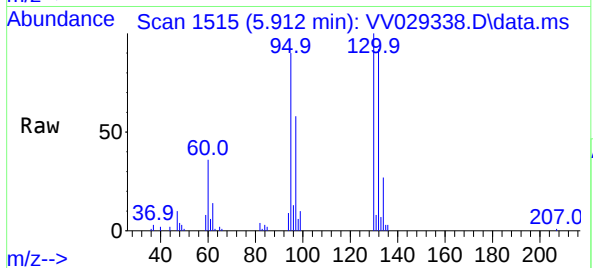
Tgt Ion: 117 Resp: 4777
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5





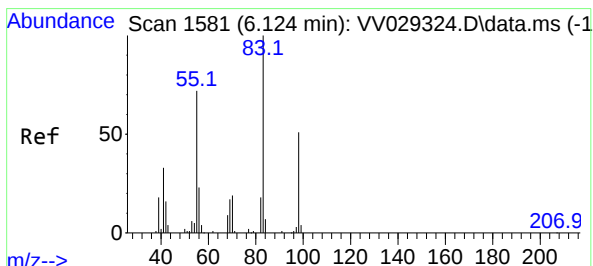
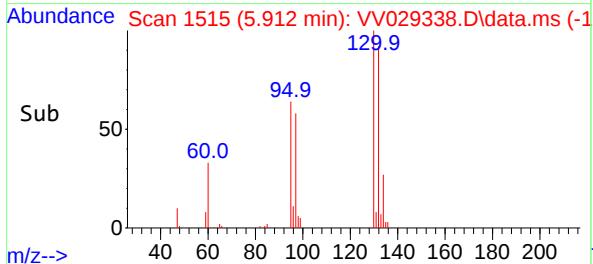
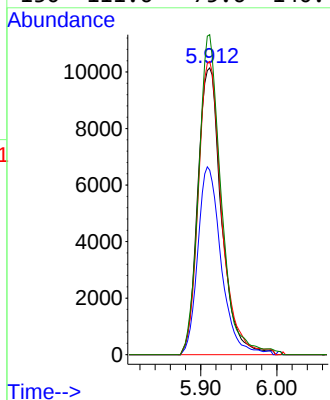
#34
Trichloroethene
Concen: 1.613 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 21898

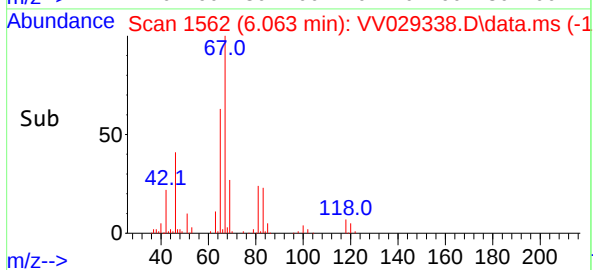
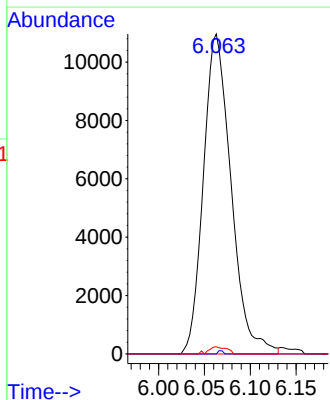
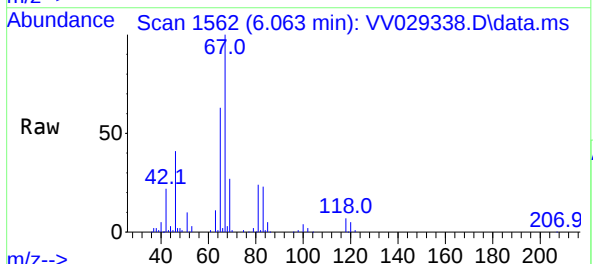
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.4	84.4
132	102.2	73.3	136.1
130	111.6	75.6	140.4

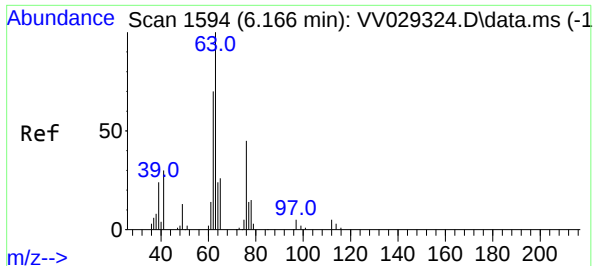


#35
Methylcyclohexane
Concen: 1.006 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

Tgt Ion: 83 Resp: 23048

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.4	83.2#
98	1.5	39.4	59.2#

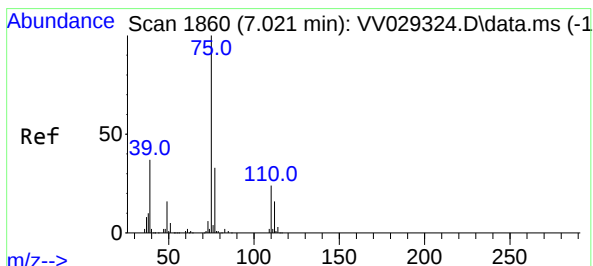
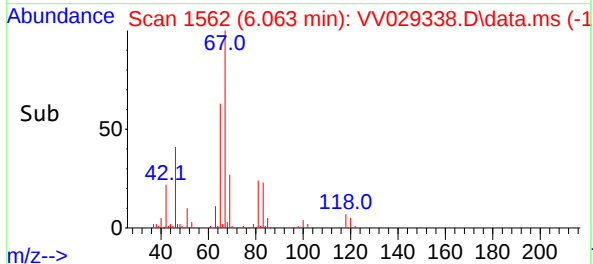
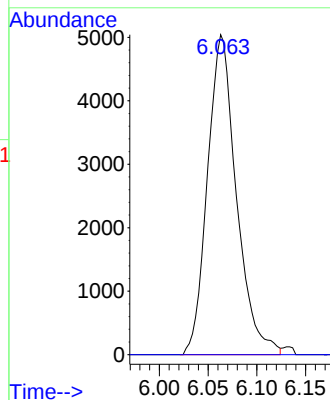
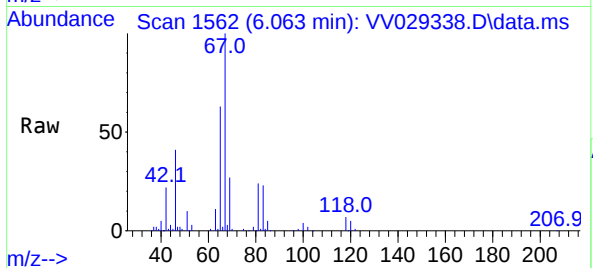




#37
1,2-Dichloropropane
Concen: 0.832 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

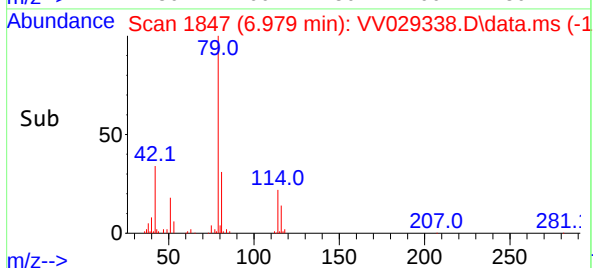
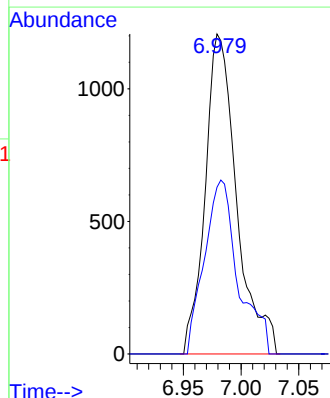
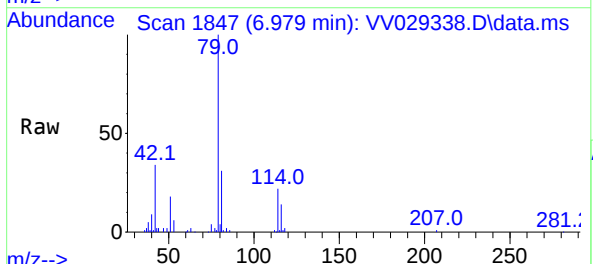
Instrument :
MSVOA_V
ClientSampleId :

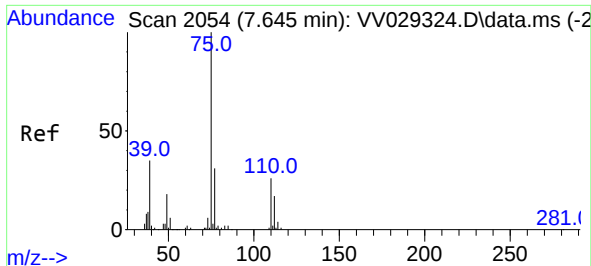
Tgt Ion: 63 Resp: 10429
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.042 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

Tgt Ion: 75 Resp: 2294
Ion Ratio Lower Upper
75 100
77 52.1 22.7 42.3#

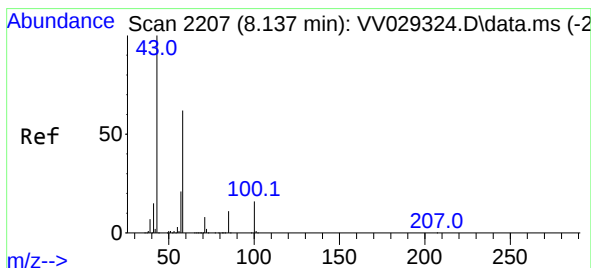
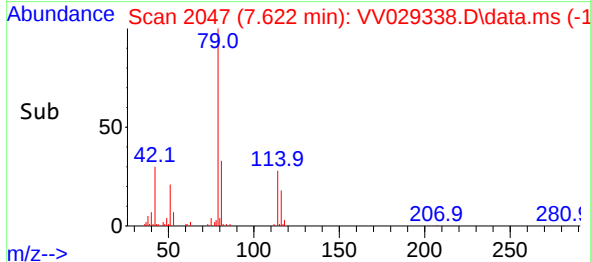
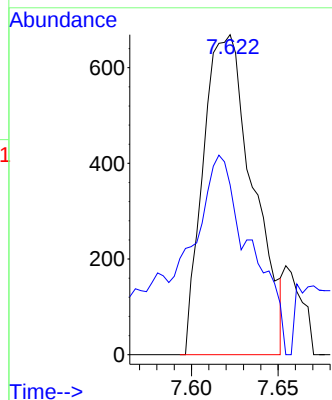
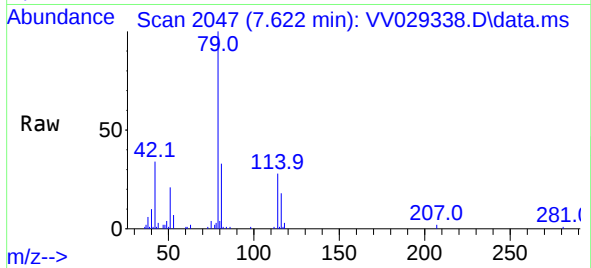




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.022 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

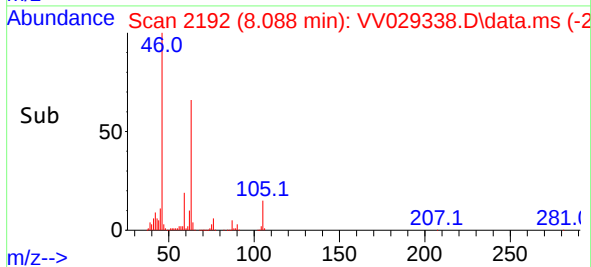
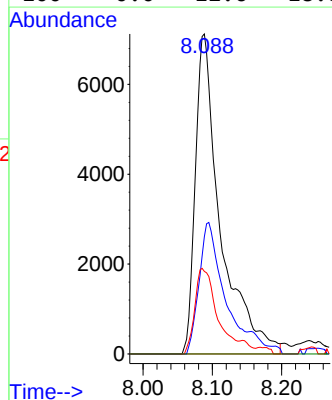
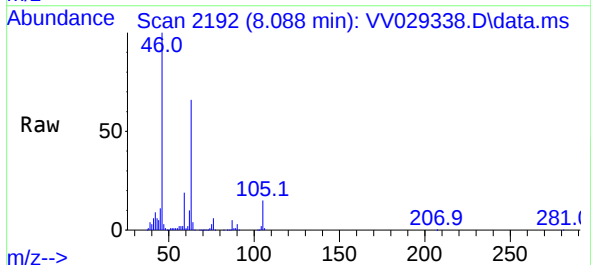
Instrument :
MSVOA_V
ClientSampleId :

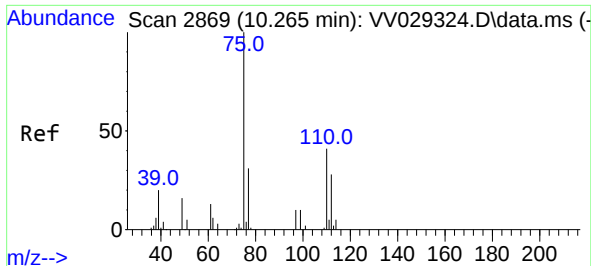
Tgt Ion: 75 Resp: 1335
Ion Ratio Lower Upper
75 100
77 53.1 22.4 41.6#



#48
2-Hexanone
Concen: 4.390 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

Tgt Ion: 43 Resp: 17950
Ion Ratio Lower Upper
43 100
58 39.6 49.4 74.0#
57 23.5 16.9 25.3
100 0.0 12.6 18.8#

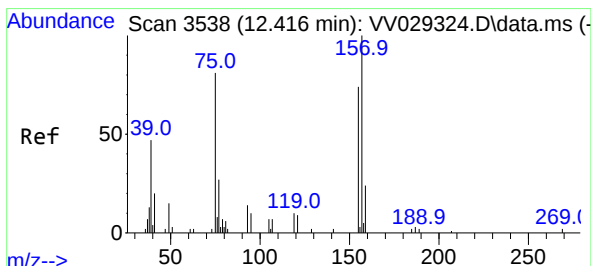
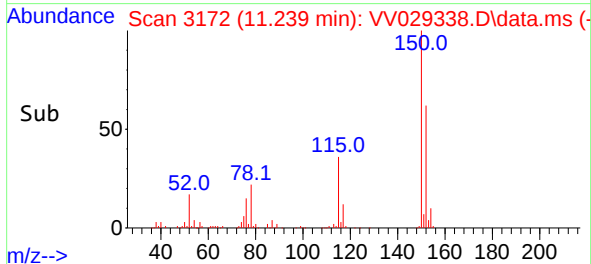
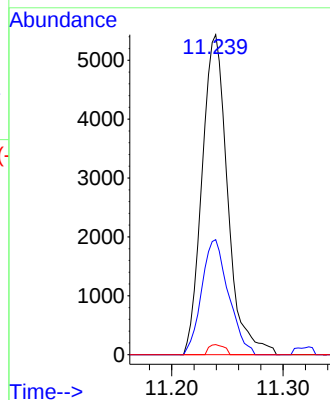
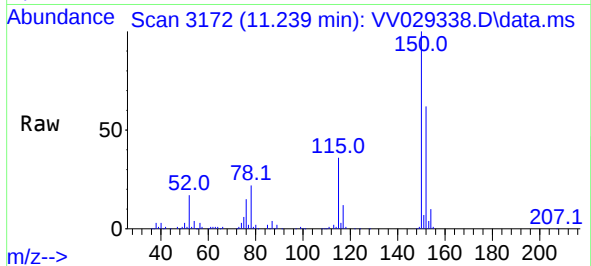




#61
1,2,3-Trichloropropane
Concen: 1.555 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

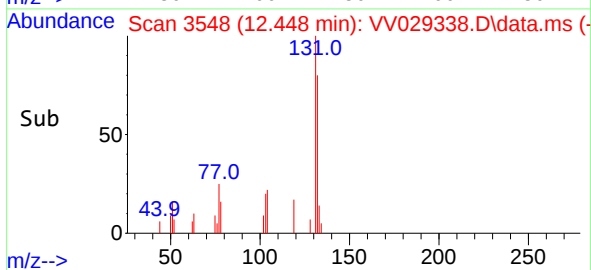
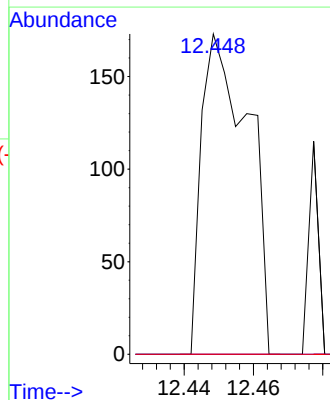
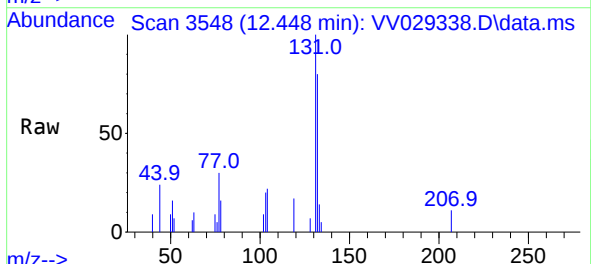
Instrument :
MSVOA_V
ClientSampleId :

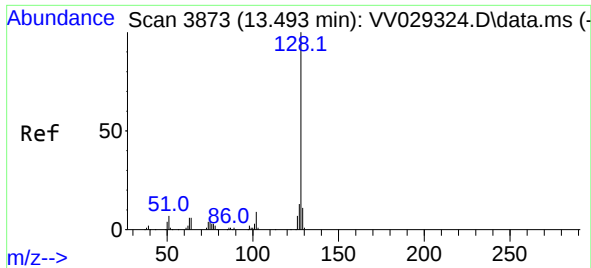
Tgt Ion: 75 Resp: 8678
Ion Ratio Lower Upper
75 100
77 37.7 26.7 40.1
110 1.9 32.2 48.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.148 ug/L
RT: 12.448 min Scan# 3548
Delta R.T. 0.032 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

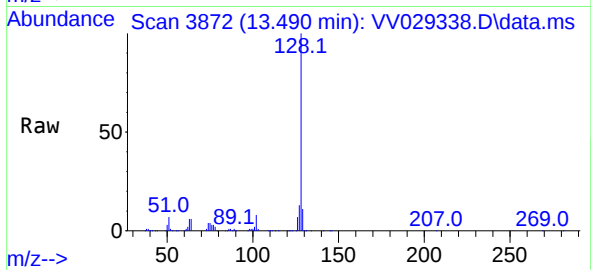
Tgt Ion: 75 Resp: 162
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#





#71
Naphthalene
Concen: 34.889 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.003 min
Lab File: VV029338.D
Acq: 24 Nov 2022 09:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 489438
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.6 15.8

