

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082622\
 Data File : VW027531.D
 Acq On : 26 Aug 2022 13:34
 Operator : SY/MD
 Sample : N4367-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

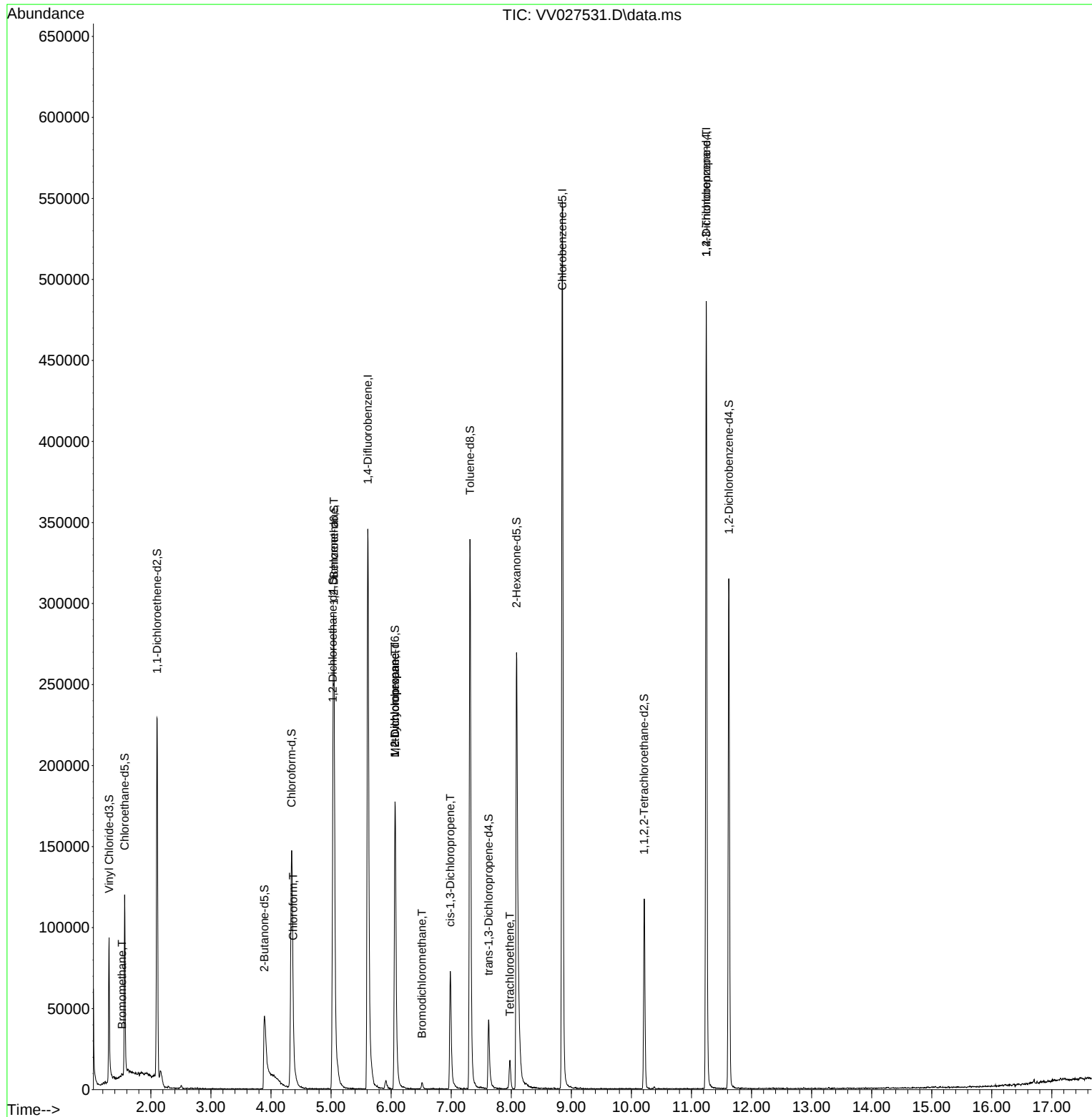
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	304068	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	297080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	127594	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	62082	2.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.564	69	68409	4.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.101	63	119540	2.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.400%#
20) 2-Butanone-d5	3.889	46	92212	34.239	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.480%
24) Chloroform-d	4.342	84	157060	3.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.031	65	72446	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.047	84	278769	3.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
36) 1,2-Dichloropropane-d6	6.066	67	85469	3.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.313	98	233747	3.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.622	79	27162	3.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.400%
46) 2-Hexanone-d5	8.088	63	107179	39.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54682	3.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	79936	4.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
6) Bromomethane	1.519	94	575	0.041	ug/L	91
25) Chloroform	4.368	83	12508	0.234	ug/L	96
27) 1,2-Dichloroethane	5.050	62	1856	0.068	ug/L	100
35) Methylcyclohexane	6.066	83	22087	0.604	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	10671	0.405	ug/L #	86
38) Bromodichloromethane	6.513	83	2950	0.088	ug/L	90
39) cis-1,3-Dichloropropene	6.985	75	2207	0.070	ug/L #	67
47) Tetrachloroethene	7.979	164	4218	0.208	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	14277	1.275	ug/L #	66

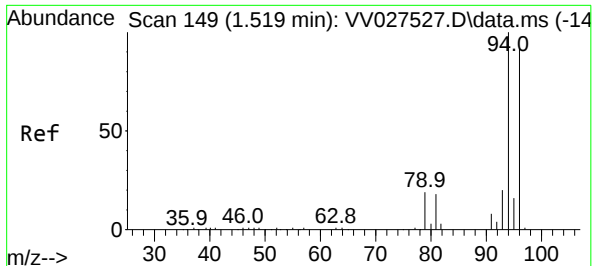
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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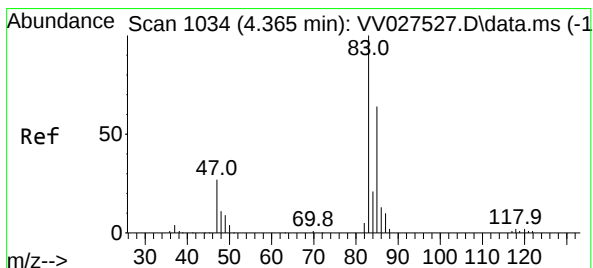
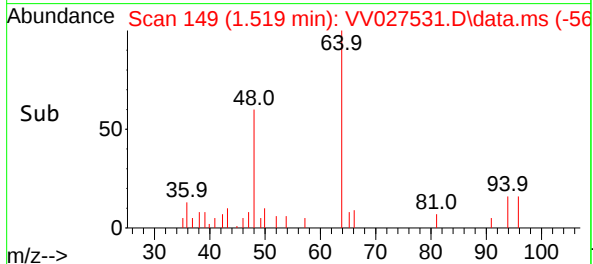
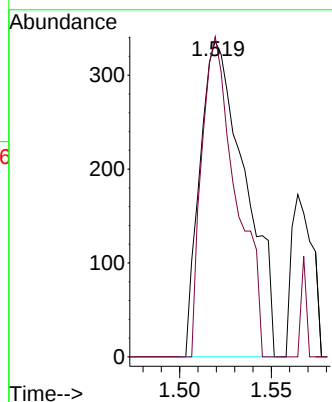
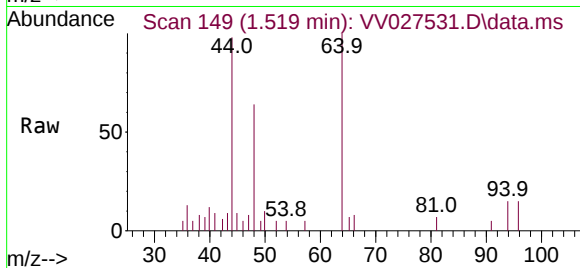




#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027531.D
Acq: 26 Aug 2022 13:34

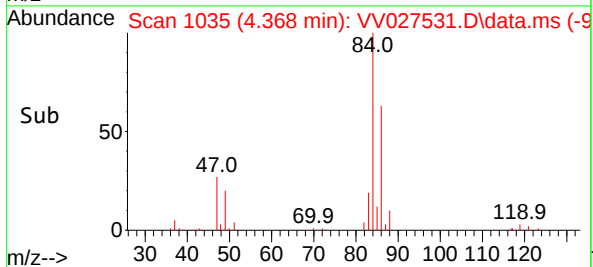
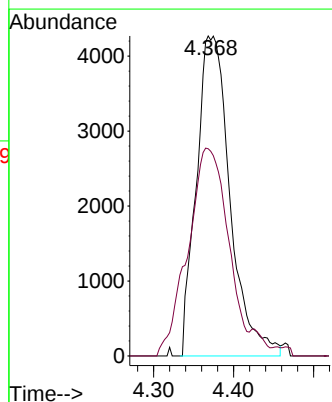
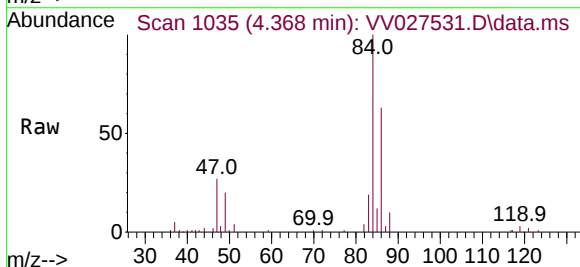
Instrument :
MSVOA_V
ClientSampleId :

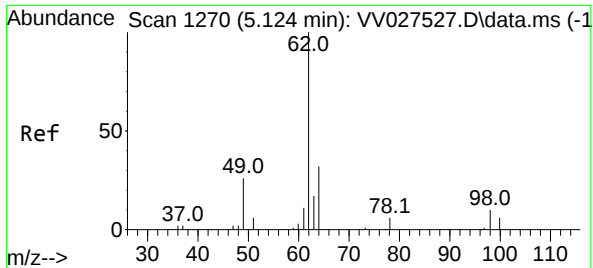
Tgt Ion: 94 Resp: 575
Ion Ratio Lower Upper
94 100
96 101.5 65.2 121.0



#25
Chloroform
Concen: 0.234 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV027531.D
Acq: 26 Aug 2022 13:34

Tgt Ion: 83 Resp: 12508
Ion Ratio Lower Upper
83 100
85 64.7 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.068 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV027531.D

Acq: 26 Aug 2022 13:34

Instrument :

MSVOA_V

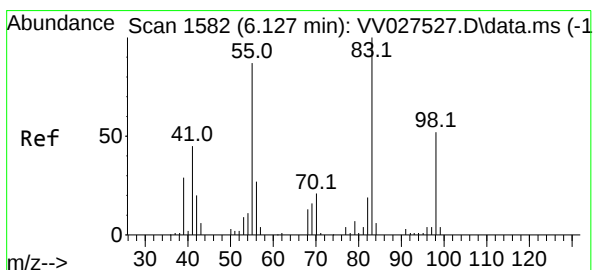
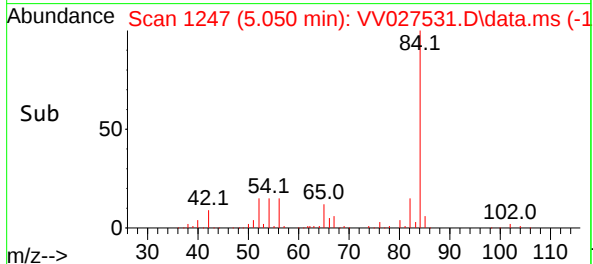
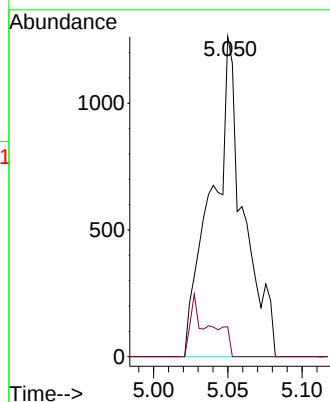
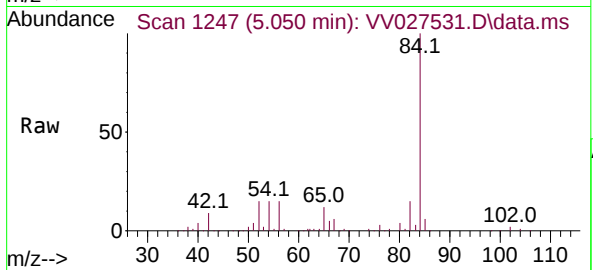
ClientSampleId :

Tgt Ion: 62 Resp: 1856

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.2



#35

Methylcyclohexane

Concen: 0.604 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027531.D

Acq: 26 Aug 2022 13:34

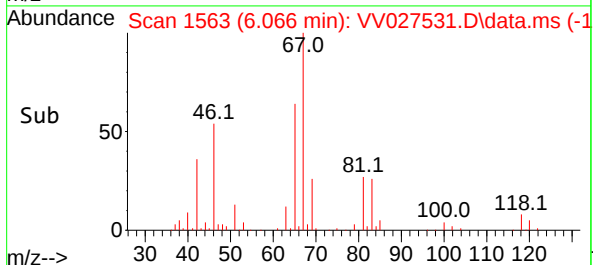
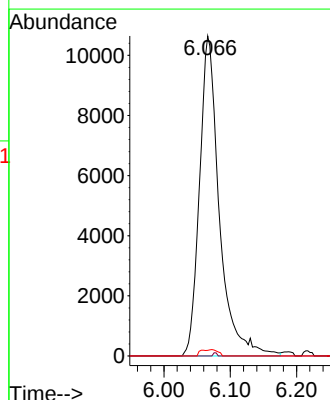
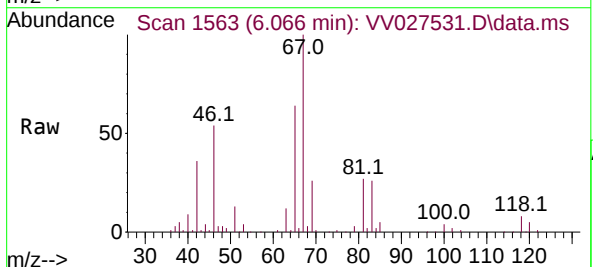
Tgt Ion: 83 Resp: 22087

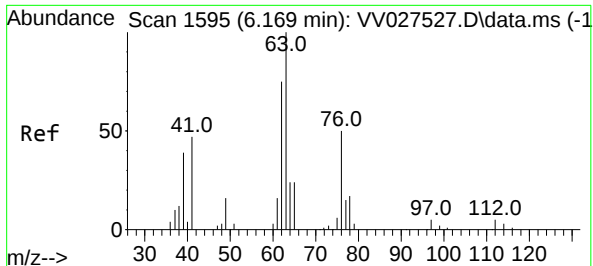
Ion Ratio Lower Upper

83 100

55 0.2 68.2 102.4#

98 0.9 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.405 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV027531.D

Acq: 26 Aug 2022 13:34

Instrument :

MSVOA_V

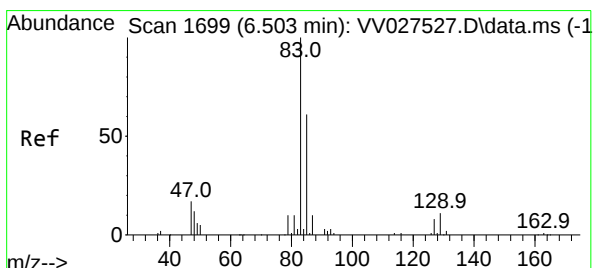
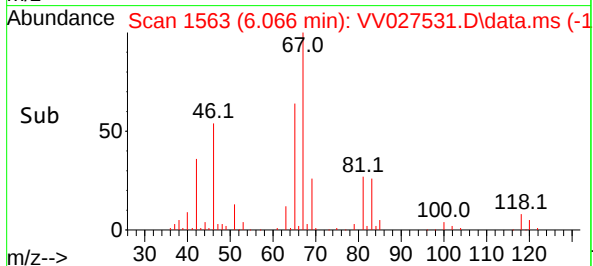
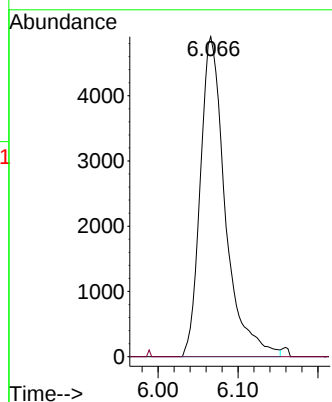
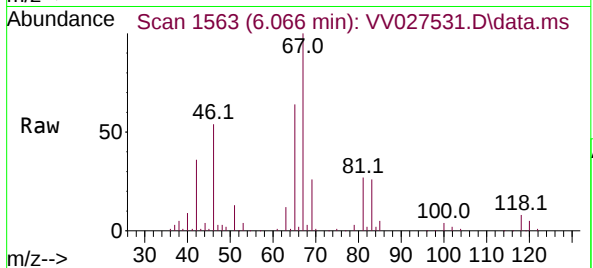
ClientSampleId :

Tgt Ion: 63 Resp: 10671

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.088 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.010 min

Lab File: VV027531.D

Acq: 26 Aug 2022 13:34

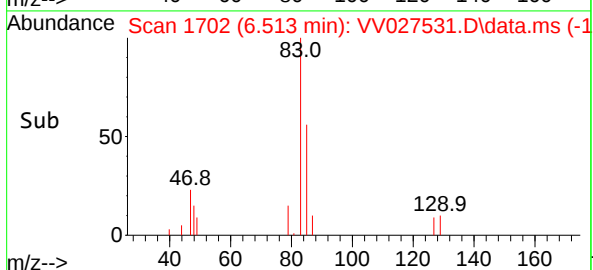
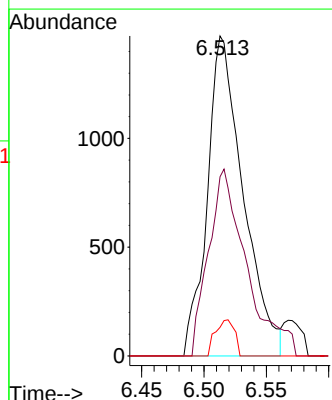
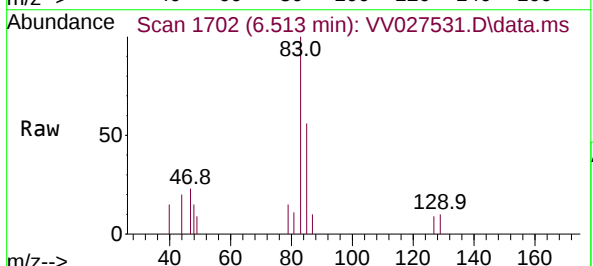
Tgt Ion: 83 Resp: 2950

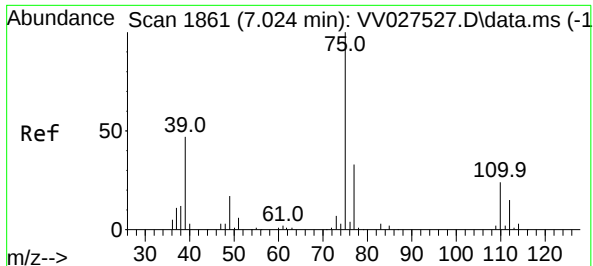
Ion Ratio Lower Upper

83 100

85 56.0 45.3 84.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027531.D

Acq: 26 Aug 2022 13:34

Instrument :

MSVOA_V

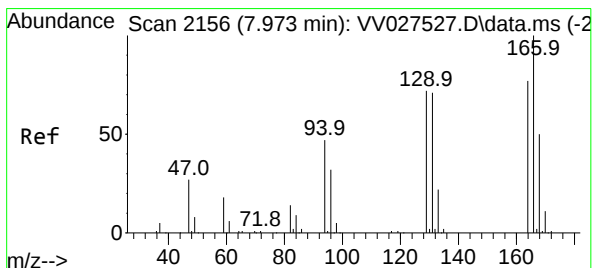
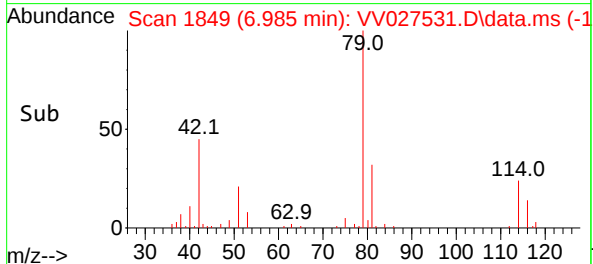
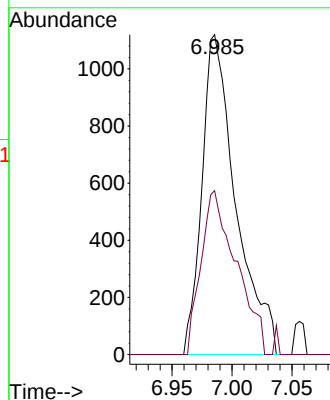
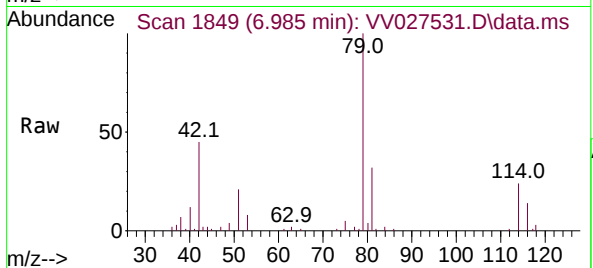
ClientSampleId :

Tgt Ion: 75 Resp: 2207

Ion Ratio Lower Upper

75 100

77 51.3 22.9 42.5#



#47

Tetrachloroethene

Concen: 0.208 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027531.D

Acq: 26 Aug 2022 13:34

Tgt Ion:164 Resp: 4218

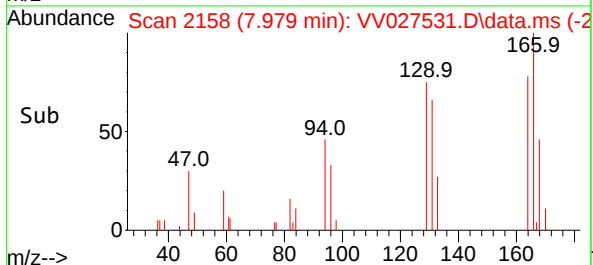
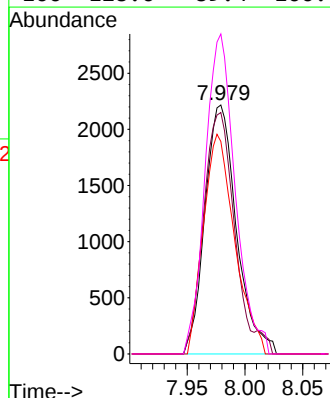
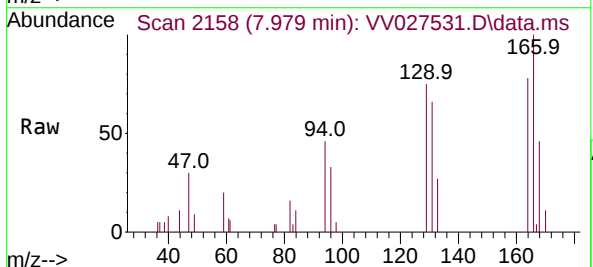
Ion Ratio Lower Upper

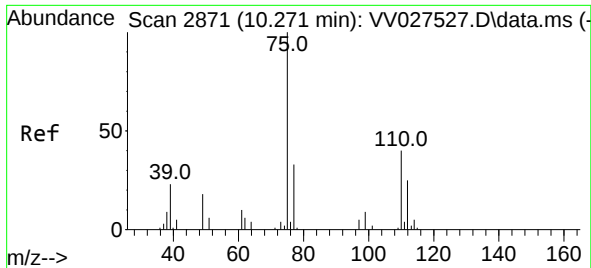
164 100

129 97.0 71.1 132.1

131 85.3 64.5 119.9

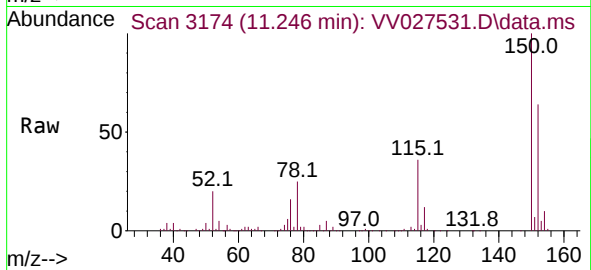
166 128.6 89.4 166.0





#61
 1,2,3-Trichloropropane
 Concen: 1.275 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027531.D
 Acq: 26 Aug 2022 13:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 14277

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.2	39.2
110	3.1	29.9	44.9

