

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032549.D
 Acq On : 21 Oct 2023 01:56
 Operator : SY/MD
 Sample : 04993-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 02:59:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

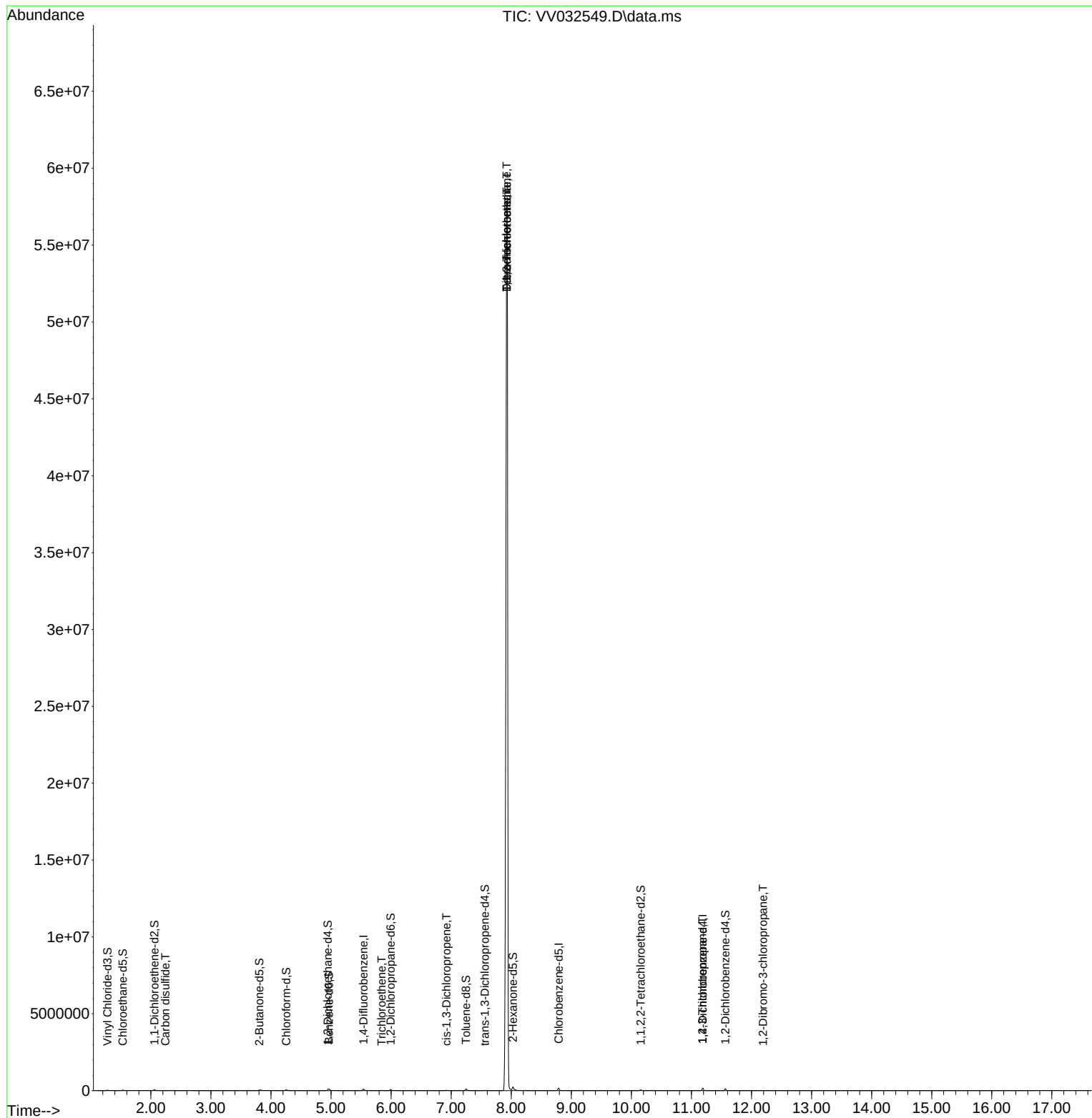
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	82766	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	89859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24454	3.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.532	69	26005	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.060	65	10688	3.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.806	46	78998	46.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	4.252	84	54252	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.947	65	30174	5.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	4.963	84	93286	3.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	5.992	67	31756	3.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.400%
41) Toluene-d8	7.246	98	77721	3.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	7.561	79	10952	3.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.027	63	71414	48.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.780%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28839	4.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	31122	4.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.243	76	2373	0.112	ug/L #	87
34) Trichloroethene	5.841	95	6653	0.770	ug/L	93
39) cis-1,3-Dichloropropene	6.921	75	1169	0.097	ug/L #	64
45) 1,1,2-Trichloroethane	7.924	97	152812	25.603	ug/L #	6
47) Tetrachloroethene	7.928	164	15413223	2353.307	ug/L	95
49) Dibromochloromethane	7.928	129	15068933	2425.034	ug/L #	8
61) 1,2,3-Trichloropropane	11.185	75	5407	1.249	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.191	75	268	0.303	ug/L #	1

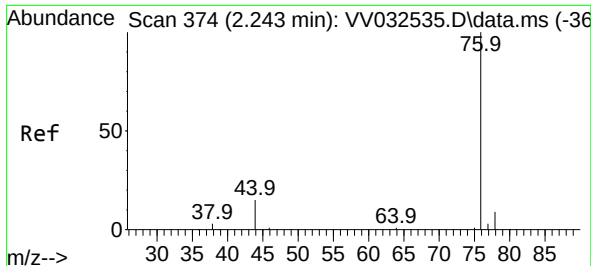
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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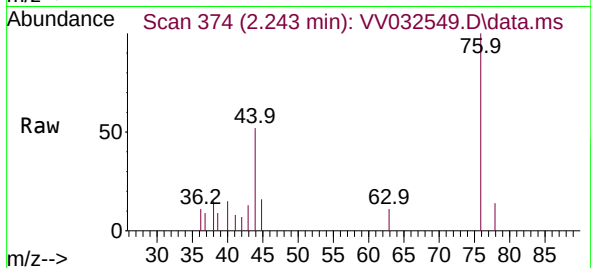
Quant Time: Oct 23 02:59:29 2023
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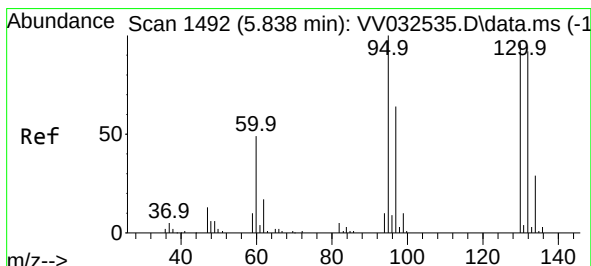
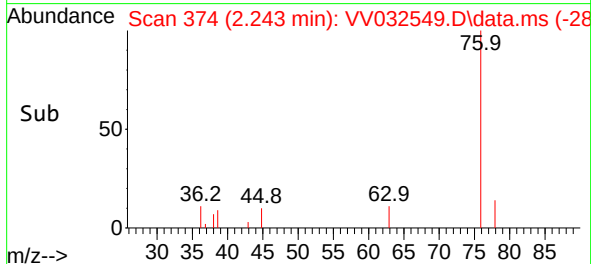
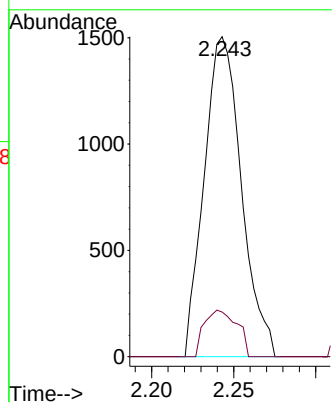


#14
Carbon disulfide
Concen: 0.112 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032549.D
Acq: 21 Oct 2023 01:56

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MSVOA_V
ClientSampleId :

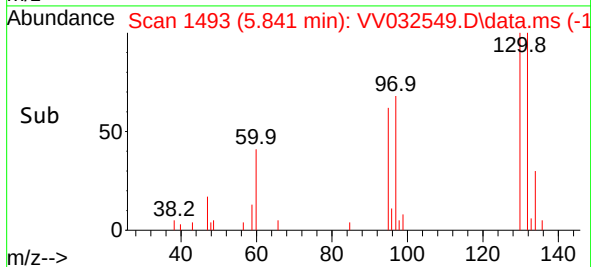
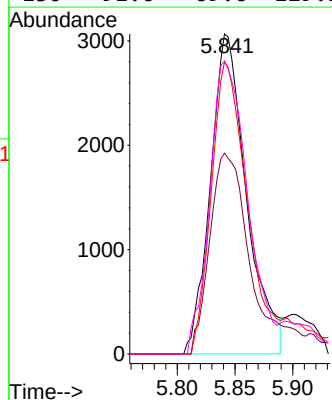
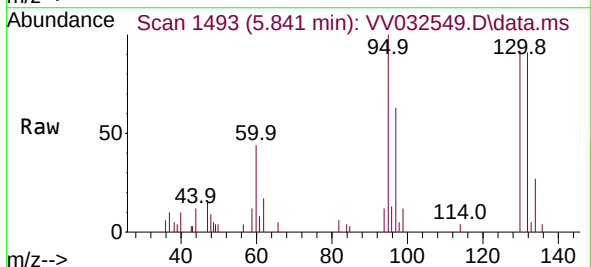


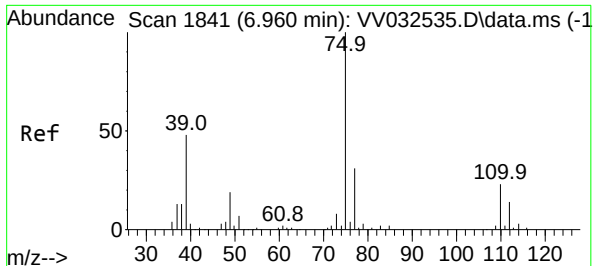
Tgt Ion: 76 Resp: 2373
Ion Ratio Lower Upper
76 100
78 14.0 7.4 11.2#



#34
Trichloroethene
Concen: 0.770 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV032549.D
Acq: 21 Oct 2023 01:56

Tgt Ion: 95 Resp: 6653
Ion Ratio Lower Upper
95 100
97 62.7 45.7 84.9
132 91.3 70.3 130.5
130 91.6 69.6 129.2

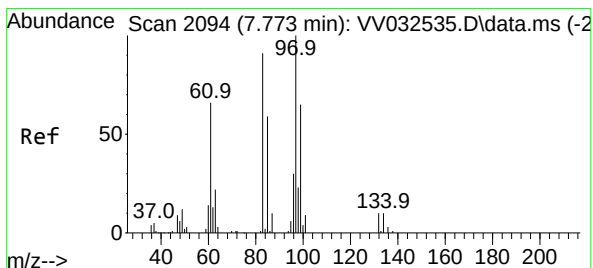
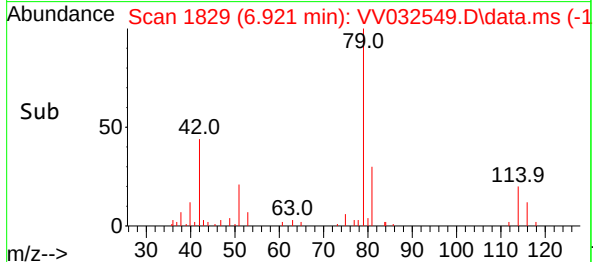
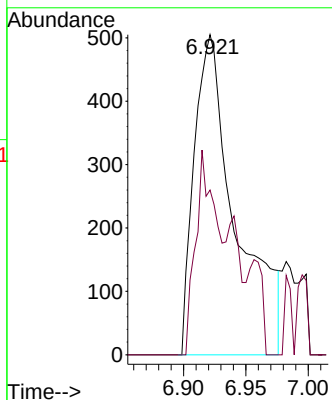
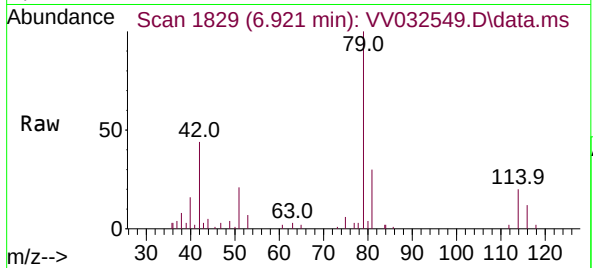




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 6.921 min Scan# 1169
 Delta R.T. -0.038 min
 Lab File: VV032549.D
 Acq: 21 Oct 2023 01:56

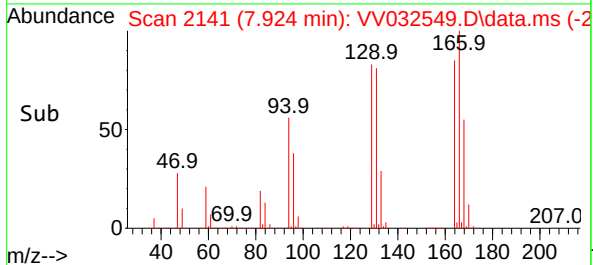
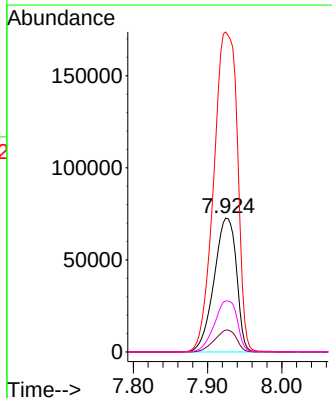
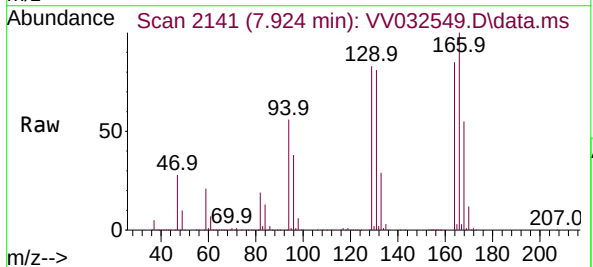
Instrument :
 MSVOA_V
 ClientSampleId :

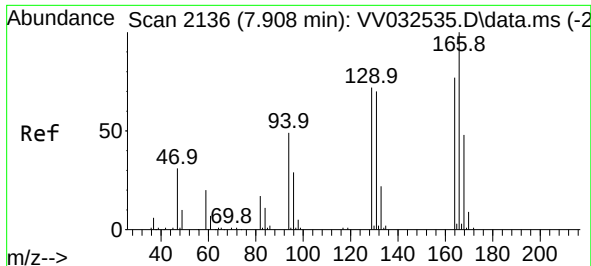
Tgt Ion: 75 Resp: 1169
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.2 41.2#



#45
 1,1,2-Trichloroethane
 Concen: 25.603 ug/L
 RT: 7.924 min Scan# 2141
 Delta R.T. 0.151 min
 Lab File: VV032549.D
 Acq: 21 Oct 2023 01:56

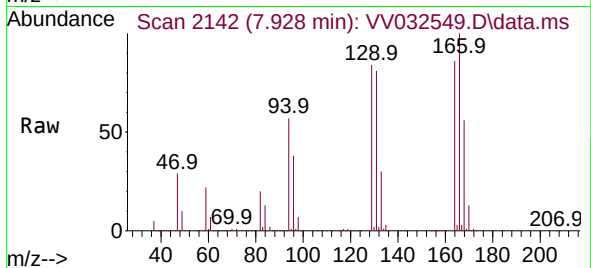
Tgt Ion: 97 Resp: 152812
 Ion Ratio Lower Upper
 97 100
 99 16.4 42.8 79.4#
 83 238.8 60.9 113.1#
 85 38.1 39.4 73.2#





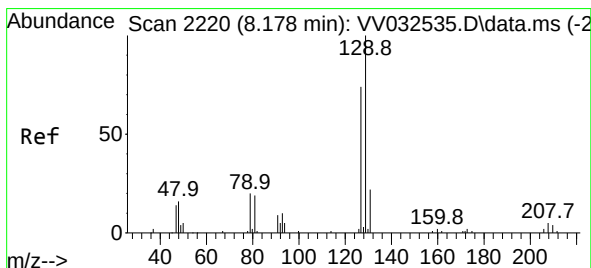
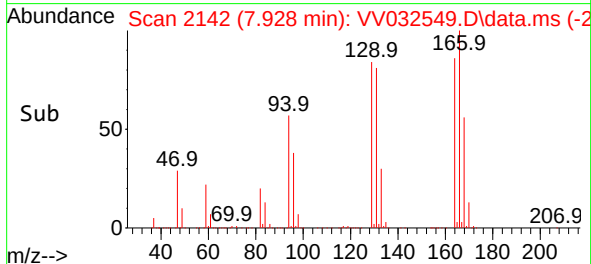
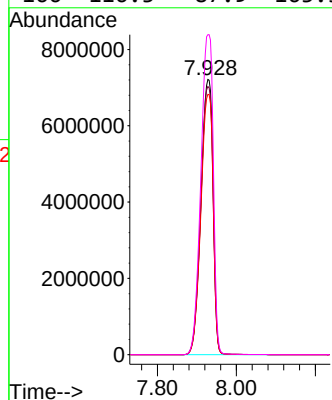
#47
Tetrachloroethene
Concen: 2353.307 ug/L
RT: 7.928 min Scan# 2142
Delta R.T. 0.019 min
Lab File: VV032549.D
Acq: 21 Oct 2023 01:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp:15413223

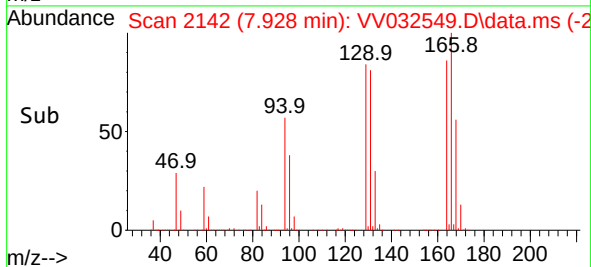
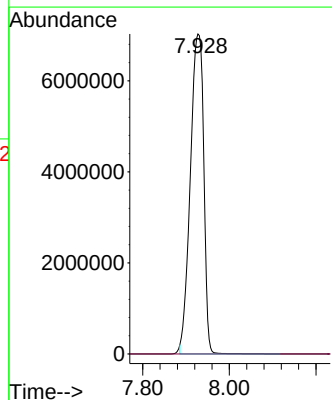
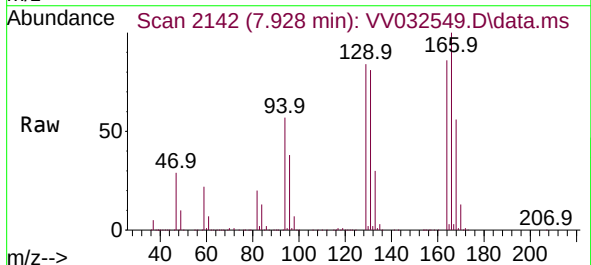
Ion	Ratio	Lower	Upper
164	100		
129	97.5	66.4	123.4
131	94.6	63.7	118.3
166	116.3	87.9	163.3

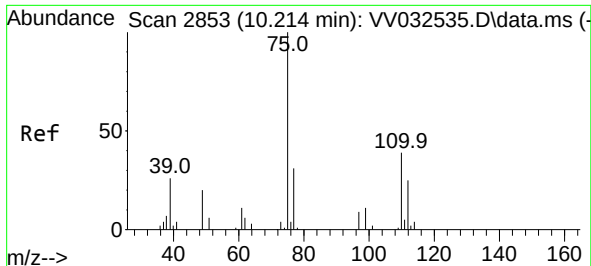


#49
Dibromochloromethane
Concen: 2425.034 ug/L
RT: 7.928 min Scan# 2142
Delta R.T. -0.251 min
Lab File: VV032549.D
Acq: 21 Oct 2023 01:56

Tgt Ion:129 Resp:15068933

Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.2	106.2#

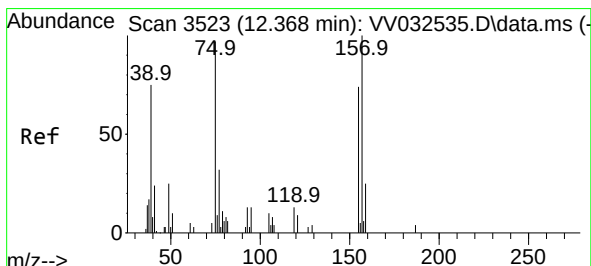
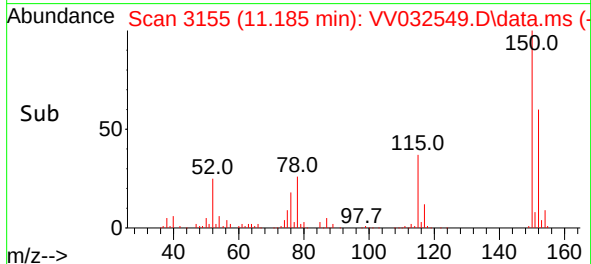
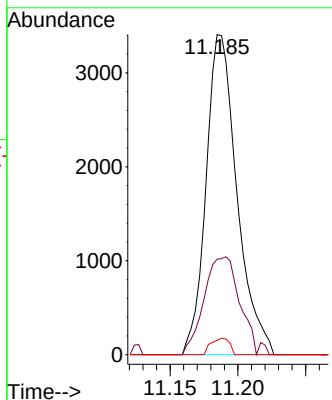
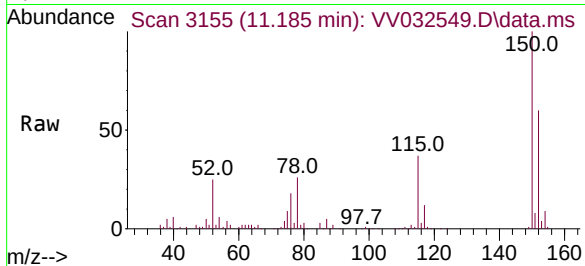




#61
 1,2,3-Trichloropropane
 Concen: 1.249 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.971 min
 Lab File: VV032549.D
 Acq: 21 Oct 2023 01:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 5407
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.2 39.2
 110 3.1 30.6 46.0#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.303 ug/L
 RT: 12.191 min Scan# 3468
 Delta R.T. -0.177 min
 Lab File: VV032549.D
 Acq: 21 Oct 2023 01:56

Tgt Ion: 75 Resp: 268
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.2 105.4#
 157 0.0 90.6 135.8#

