

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029304.D
 Acq On : 23 Nov 2022 19:26
 Operator : SY/MD
 Sample : VU1123WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:40:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

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

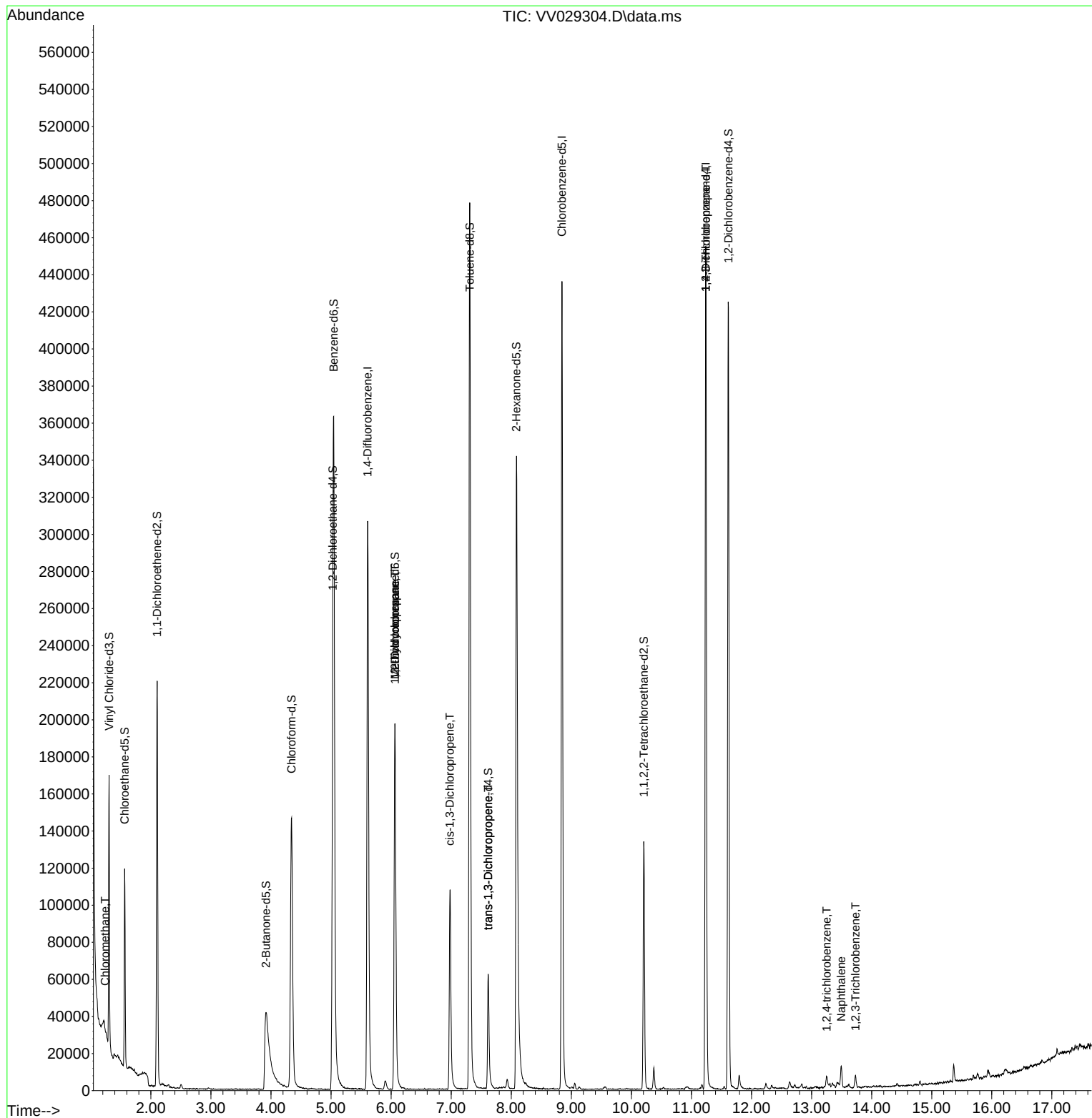
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	290112	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	256553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	124459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92380	5.174	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.564	69	67741	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.105	63	111094	3.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.918	46	145394	48.681	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.360%
24) Chloroform-d	4.342	84	162378	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.027	65	75804	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.043	84	364414	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.066	67	105184	5.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.310	98	342600	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	7.616	79	40641	5.291	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.085	63	142977	52.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66081	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	117123	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
3) Chloromethane	1.240	50	1307	0.066	ug/L	96
35) Methylcyclohexane	6.063	83	25016	0.757	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10941	0.605	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2839	0.107	ug/L #	58
44) trans-1,3-Dichloropropene	7.616	75	1931	0.092	ug/L #	73
61) 1,2,3-Trichloropropane	11.239	75	14425	1.671	ug/L #	64
70) 1,2,4-trichlorobenzene	13.249	180	1910	0.076	ug/L	93
71) Naphthalene	13.493	128	10759	0.496	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	1964	0.096	ug/L	98

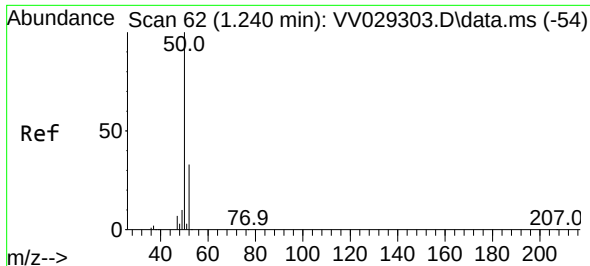
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

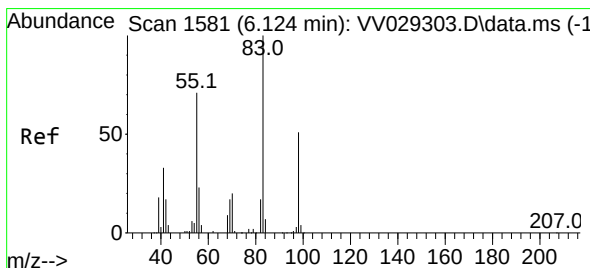
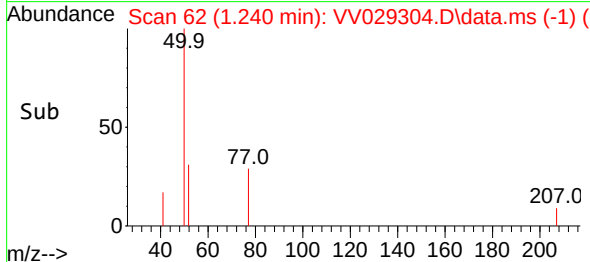
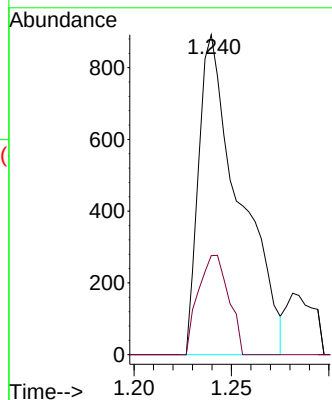
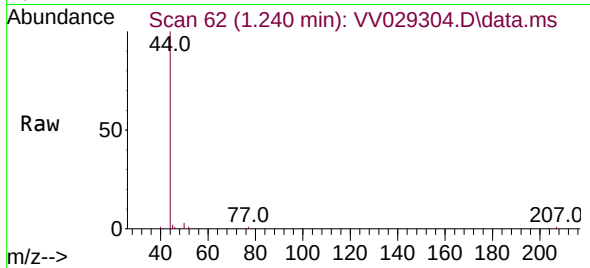




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029304.D
Acq: 23 Nov 2022 19:26

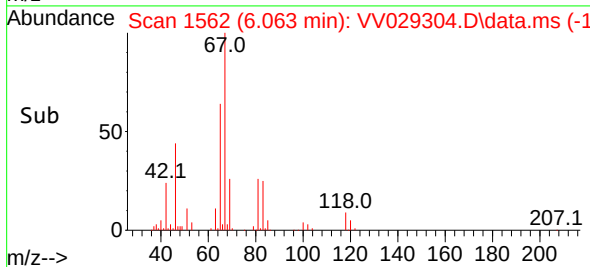
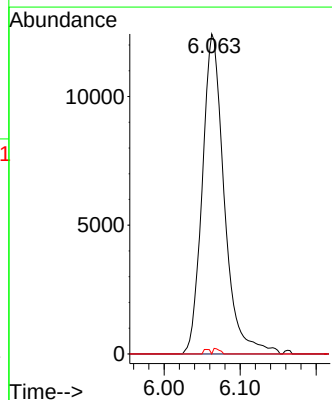
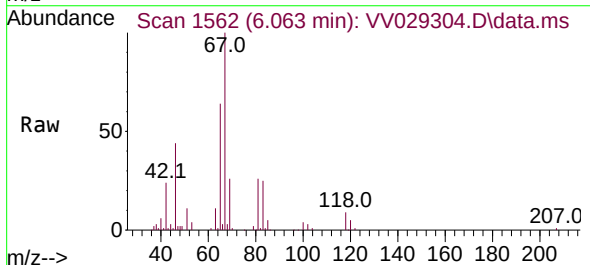
Instrument :
MSVOA_V
ClientSampleId :

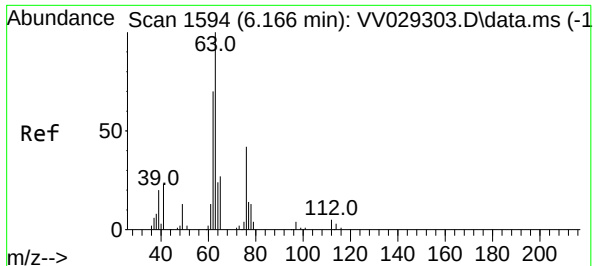
Tgt Ion: 50 Resp: 1307
Ion Ratio Lower Upper
50 100
52 30.9 23.2 43.2



#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029304.D
Acq: 23 Nov 2022 19:26

Tgt Ion: 83 Resp: 25016
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.5 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV029304.D

Acq: 23 Nov 2022 19:26

Instrument :

MSVOA_V

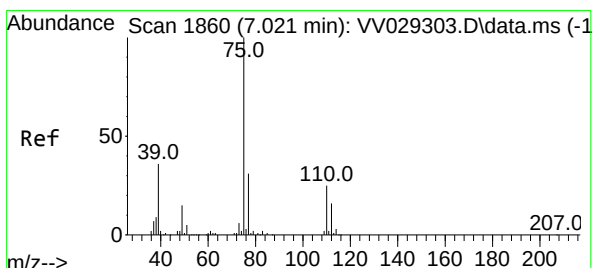
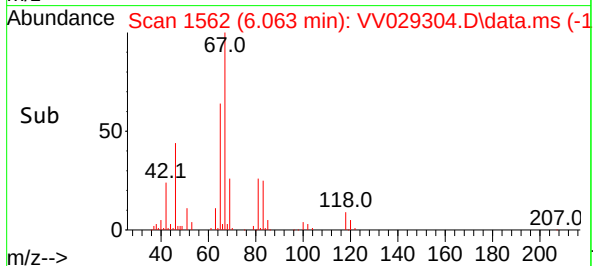
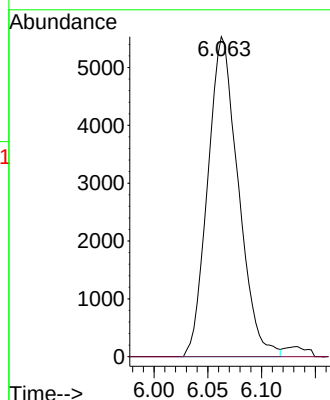
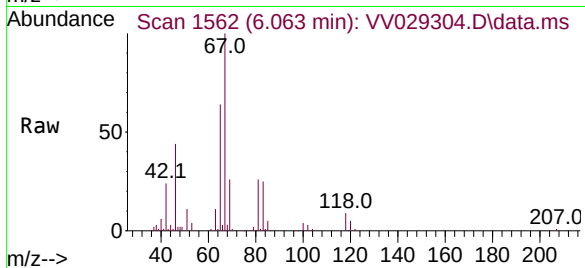
ClientSampleId :

Tgt Ion: 63 Resp: 10941

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.042 min

Lab File: VV029304.D

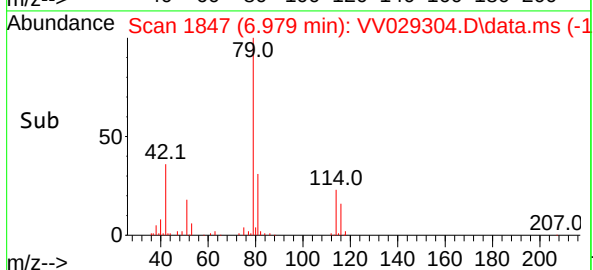
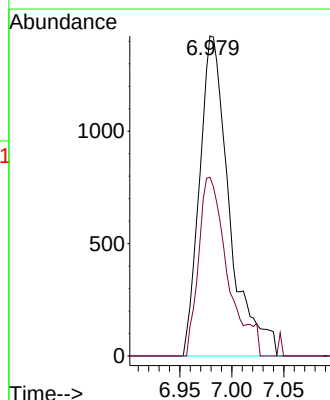
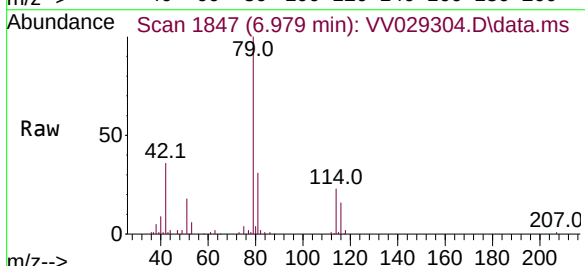
Acq: 23 Nov 2022 19:26

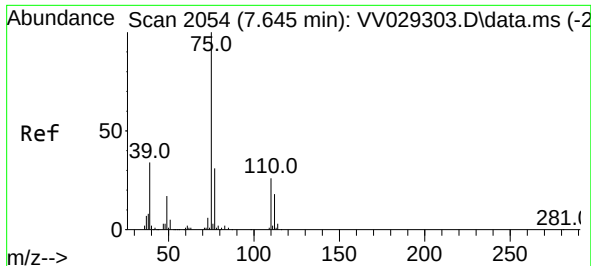
Tgt Ion: 75 Resp: 2839

Ion Ratio Lower Upper

75 100

77 55.8 22.7 42.3#

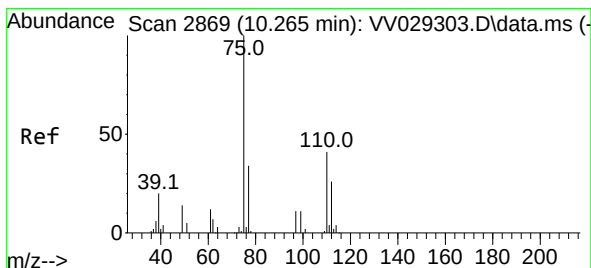
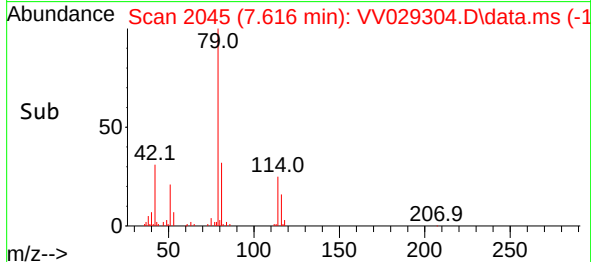
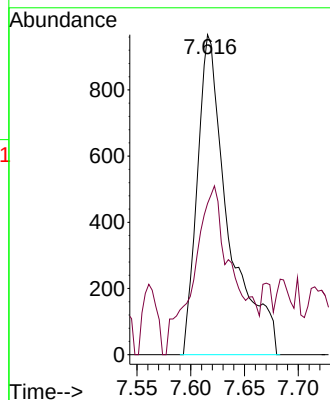
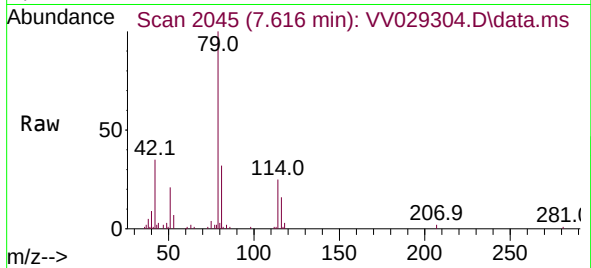




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.616 min Scan# 2054
Delta R.T. -0.029 min
Lab File: VV029304.D
Acq: 23 Nov 2022 19:26

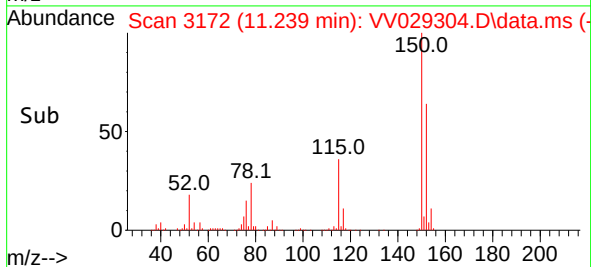
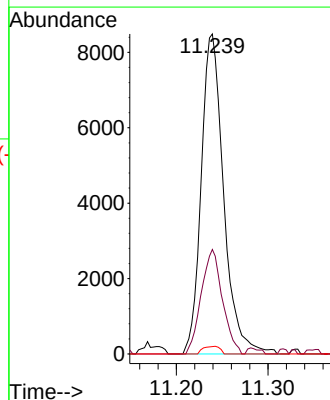
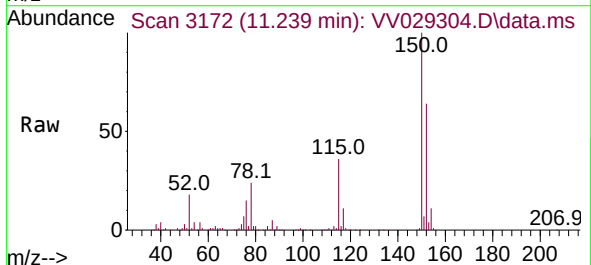
Instrument :
MSVOA_V
ClientSampleId :

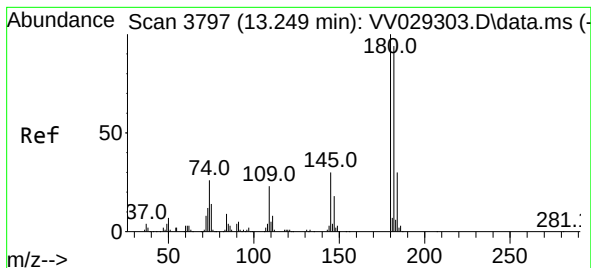
Tgt Ion: 75 Resp: 1931
Ion Ratio Lower Upper
75 100
77 47.3 22.4 41.6#



#61
1,2,3-Trichloropropane
Concen: 1.671 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029304.D
Acq: 23 Nov 2022 19:26

Tgt Ion: 75 Resp: 14425
Ion Ratio Lower Upper
75 100
77 30.8 26.7 40.1
110 1.8 32.2 48.4#





#70

1,2,4-trichlorobenzene

Concen: 0.076 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.000 min

Lab File: VV029304.D

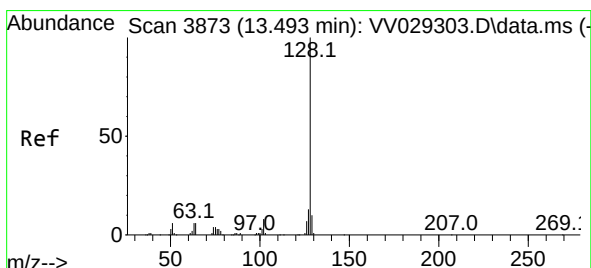
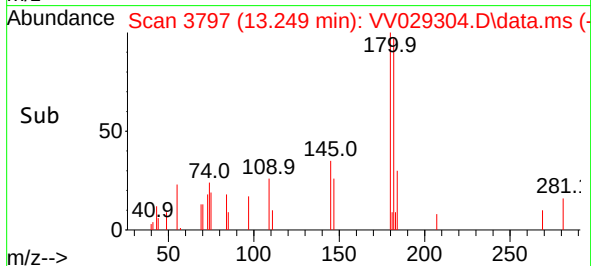
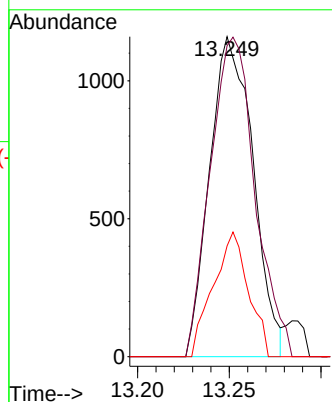
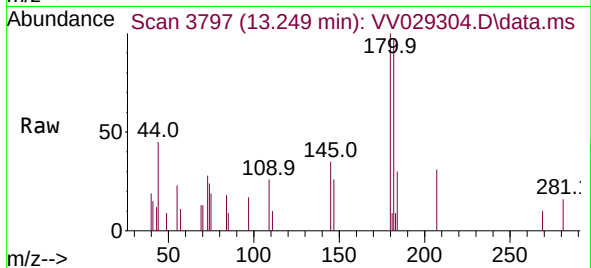
Acq: 23 Nov 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	1910
Ion Ratio	Lower	Upper
180	100	
182	103.0	76.2 114.4
145	31.6	23.4 35.0



#71

Naphthalene

Concen: 0.496 ug/L

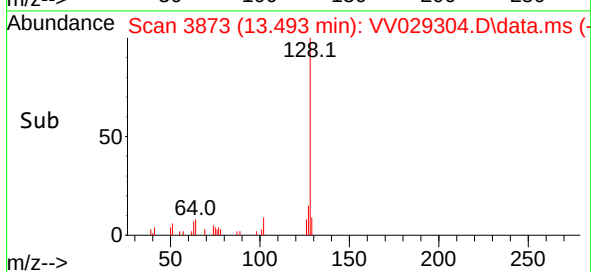
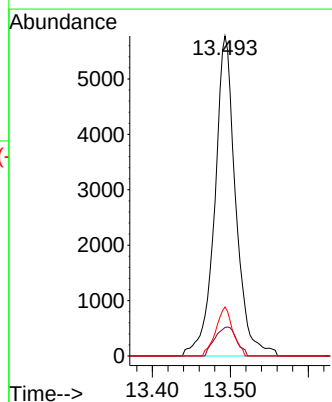
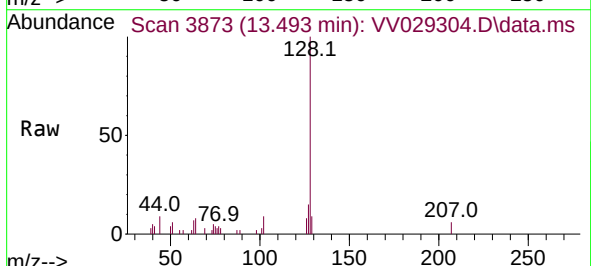
RT: 13.493 min Scan# 3873

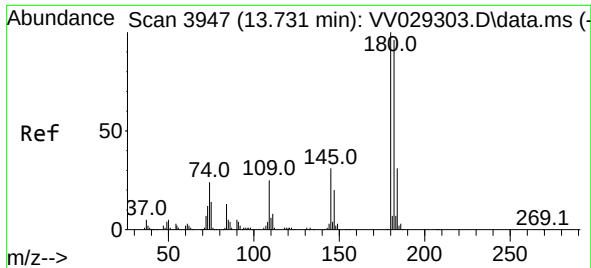
Delta R.T. -0.000 min

Lab File: VV029304.D

Acq: 23 Nov 2022 19:26

Tgt Ion:128	Resp:	10759
Ion Ratio	Lower	Upper
128	100	
129	9.3	8.9 13.3
127	12.4	10.6 15.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.096 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. -0.000 min
 Lab File: VV029304.D
 Acq: 23 Nov 2022 19:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:	180	Resp:	1964
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.4
145	29.1	25.2	37.8

