

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121622\
 Data File : VV029693.D
 Acq On : 16 Dec 2022 12:46
 Operator : SY/MD
 Sample : VV1216WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:18:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

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

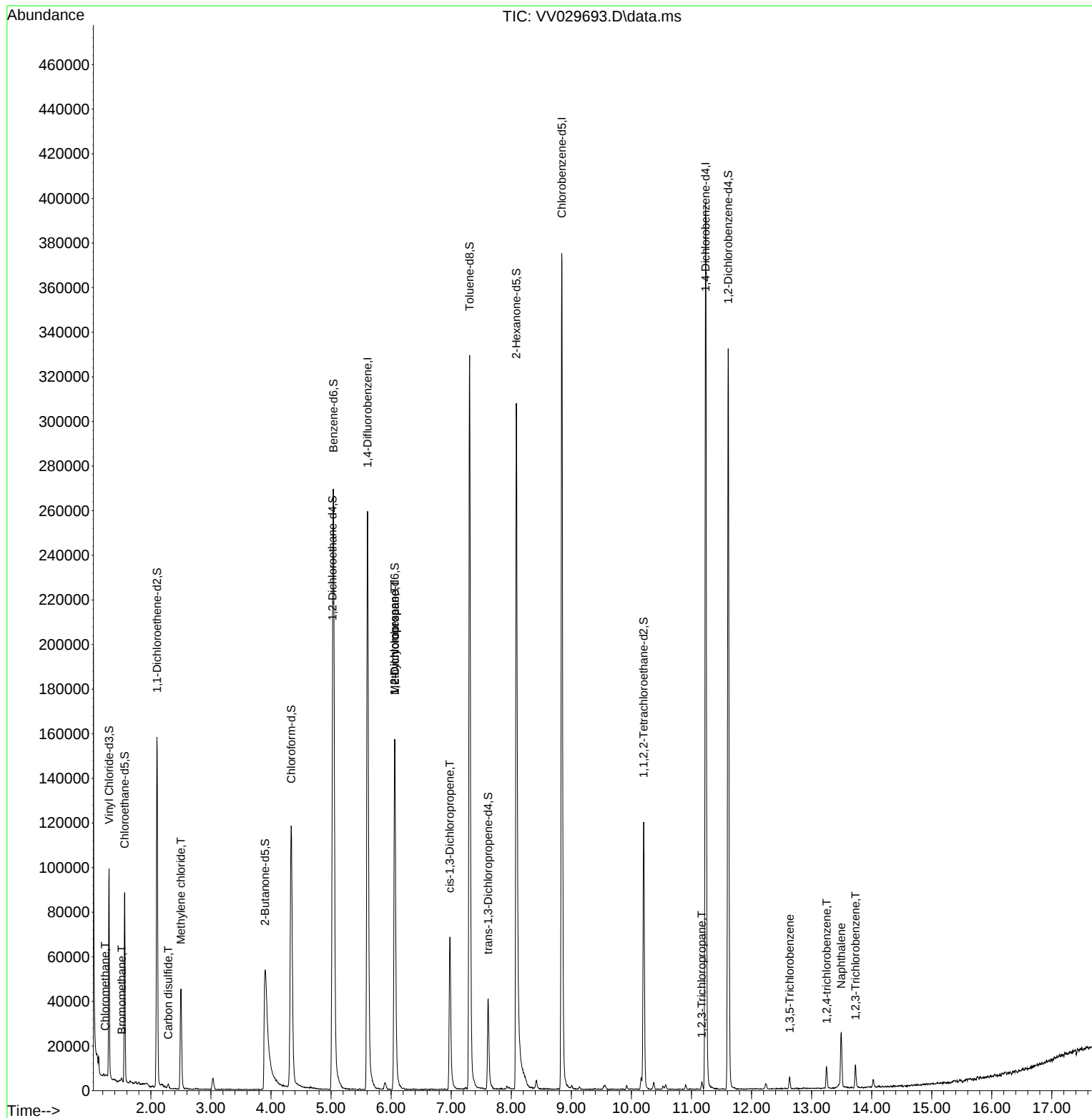
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	248868	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	222451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	109480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57631	3.763	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.565	69	54467	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.102	63	79802	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.902	46	124460	48.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.160%
24) Chloroform-d	4.339	84	130755	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.024	65	59815	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.040	84	273842	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.060	67	84976	4.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.307	98	235953	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.616	79	25802	3.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.085	63	128502	54.125	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.240%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	62379	5.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	88830	4.645	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
3) Chloromethane	1.240	50	663	0.039	ug/L	94
6) Bromomethane	1.516	94	480	0.045	ug/L	73
14) Carbon disulfide	2.291	76	2368	0.064	ug/L #	85
16) Methylene chloride	2.500	84	20012	1.024	ug/L	98
35) Methylcyclohexane	6.060	83	19893	0.694	ug/L #	21
37) 1,2-Dichloropropane	6.060	63	8881	0.567	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1946	0.085	ug/L #	73
61) 1,2,3-Trichloropropane	11.172	75	560	0.074	ug/L #	52
69) 1,3,5-Trichlorobenzene	12.635	180	2106	0.077	ug/L #	87
70) 1,2,4-trichlorobenzene	13.252	180	3515	0.159	ug/L	96
71) Naphthalene	13.493	128	24348	1.276	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	3605	0.201	ug/L	98

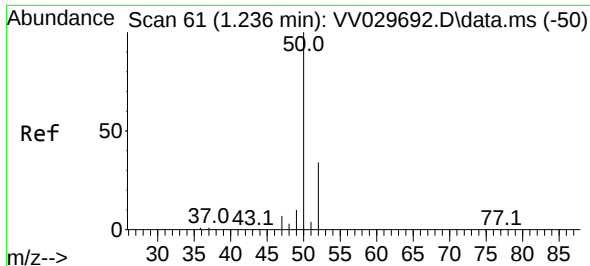
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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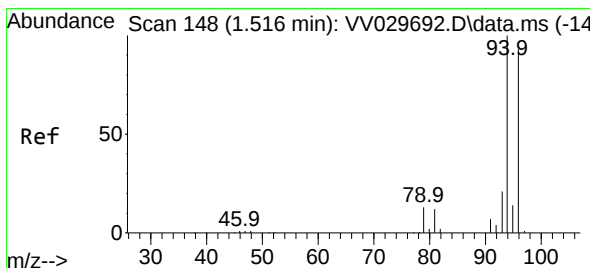
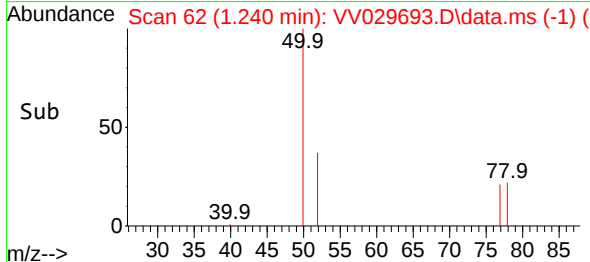
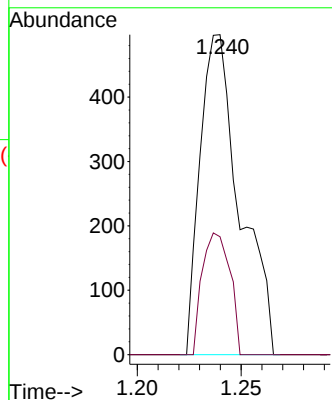
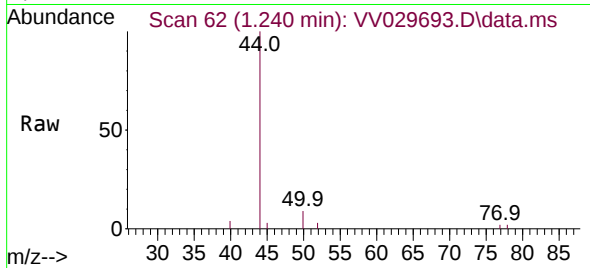




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029693.D
Acq: 16 Dec 2022 12:46

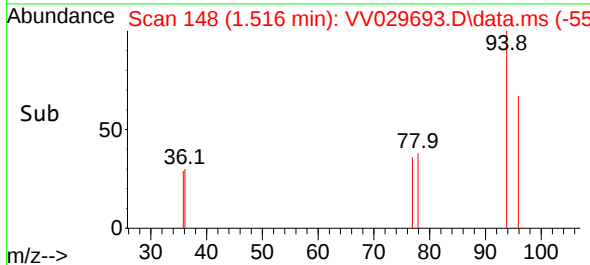
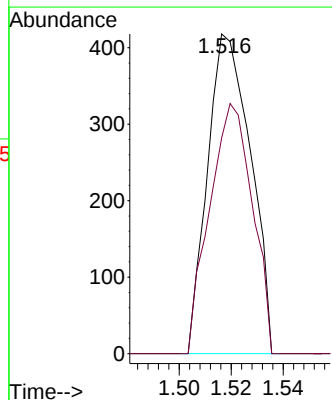
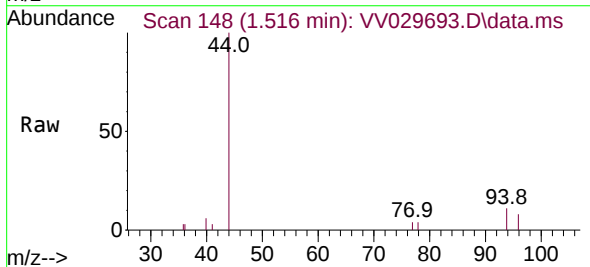
Instrument :
MSVOA_V
ClientSampleId :

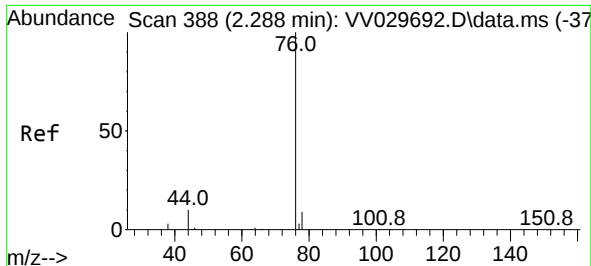
Tgt Ion: 50 Resp: 663
Ion Ratio Lower Upper
50 100
52 36.8 23.2 43.2



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV029693.D
Acq: 16 Dec 2022 12:46

Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 67.5 65.4 121.4

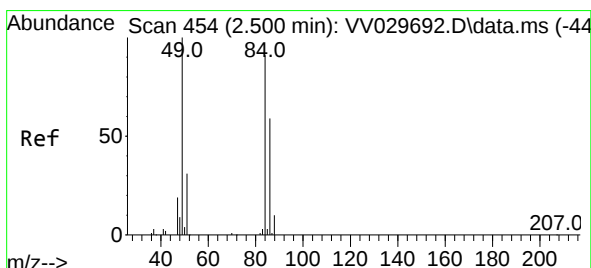
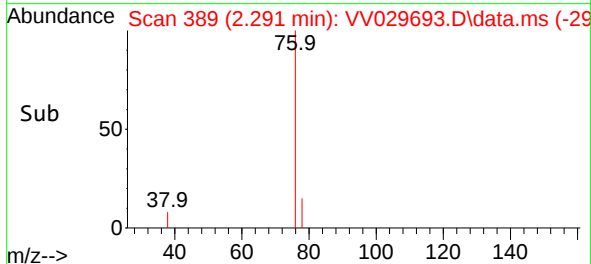
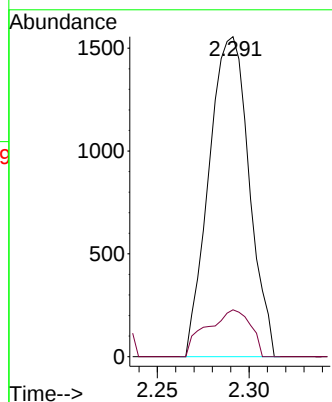
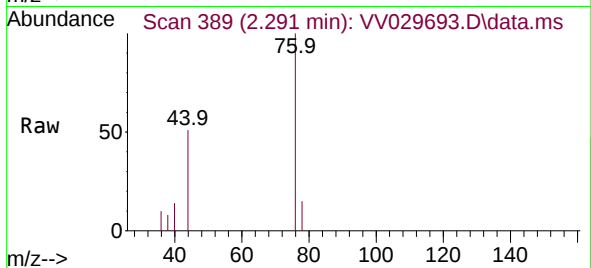




#14
Carbon disulfide
Concen: 0.064 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV029693.D
Acq: 16 Dec 2022 12:46

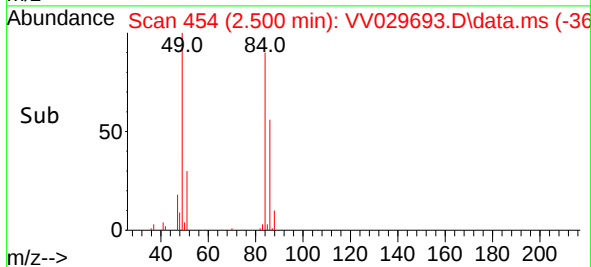
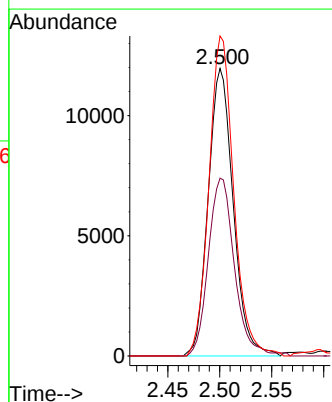
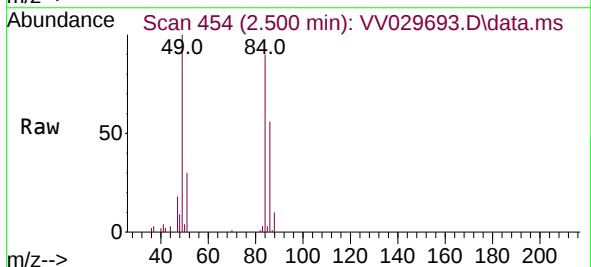
Instrument :
MSVOA_V
ClientSampleId :

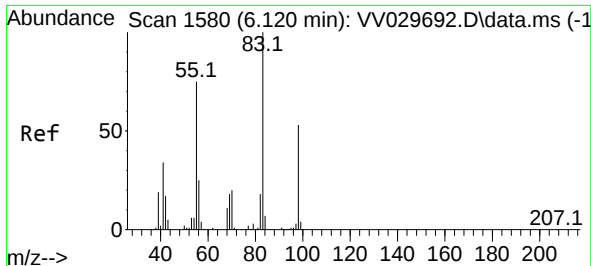
Tgt Ion: 76 Resp: 2368
Ion Ratio Lower Upper
76 100
78 14.7 7.4 11.2#



#16
Methylene chloride
Concen: 1.024 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029693.D
Acq: 16 Dec 2022 12:46

Tgt Ion: 84 Resp: 20012
Ion Ratio Lower Upper
84 100
86 61.9 45.6 84.6
49 111.3 77.8 144.4





#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. -0.061 min

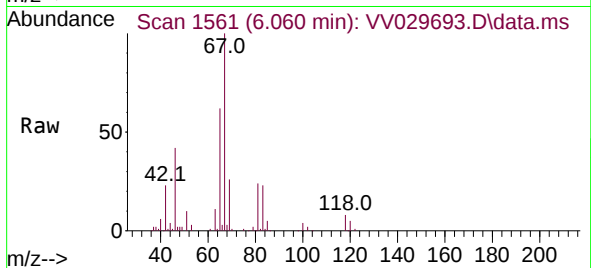
Lab File: VV029693.D

Acq: 16 Dec 2022 12:46

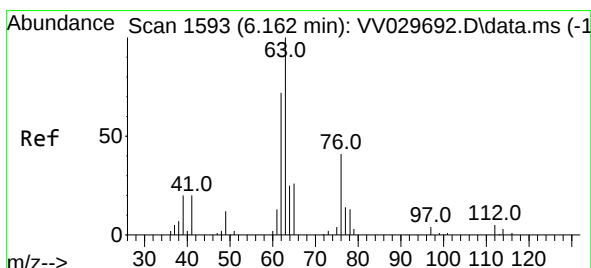
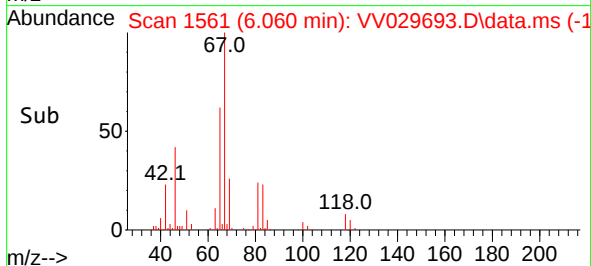
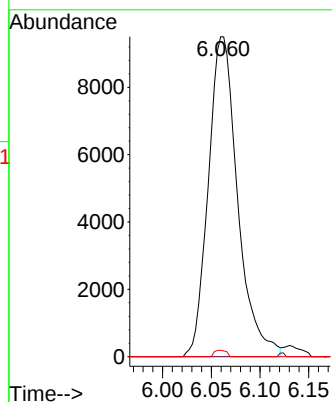
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	19893
Ion Ratio	Lower	Upper	
83	100		
55	0.2	55.4	83.2#
98	0.8	39.4	59.2#



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

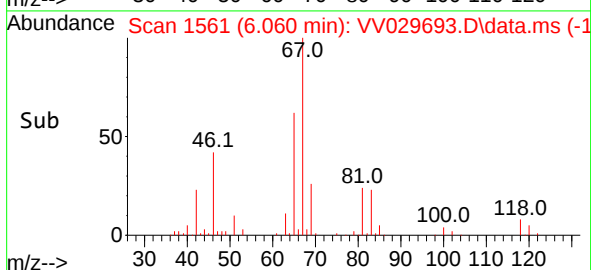
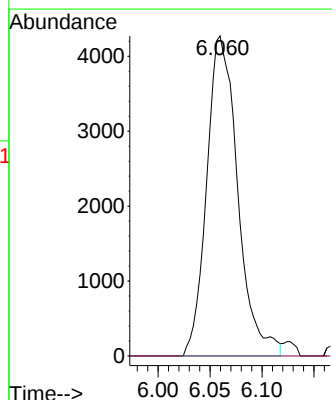
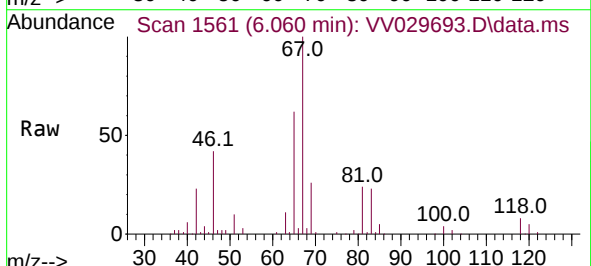
RT: 6.060 min Scan# 1561

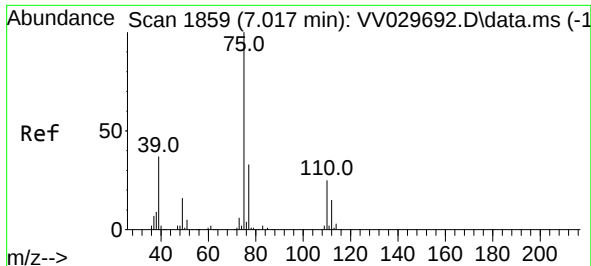
Delta R.T. -0.103 min

Lab File: VV029693.D

Acq: 16 Dec 2022 12:46

Tgt Ion:	63	Resp:	8881
Ion Ratio	Lower	Upper	
63	100		
112	0.0	4.1	6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV029693.D

Acq: 16 Dec 2022 12:46

Instrument :

MSVOA_V

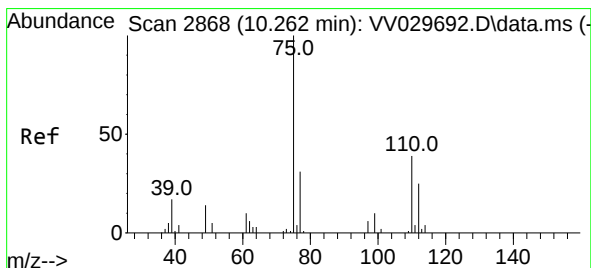
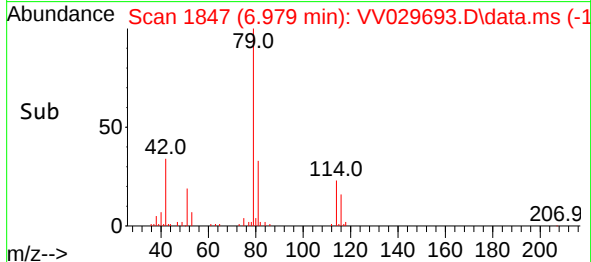
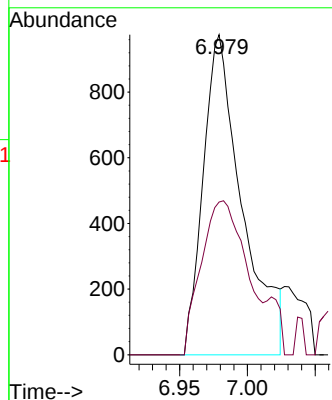
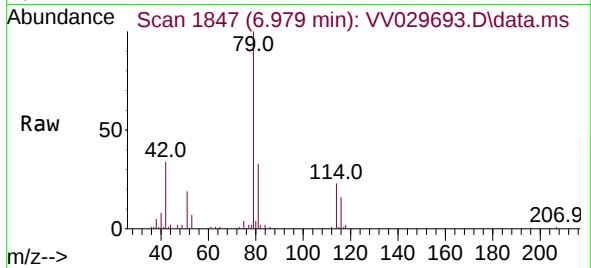
ClientSampleId :

Tgt Ion: 75 Resp: 1946

Ion Ratio Lower Upper

75 100

77 47.7 22.7 42.3#



#61

1,2,3-Trichloropropane

Concen: 0.074 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. 0.910 min

Lab File: VV029693.D

Acq: 16 Dec 2022 12:46

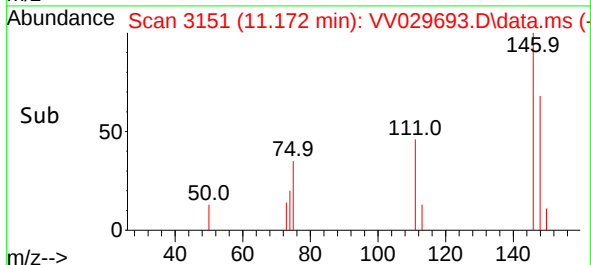
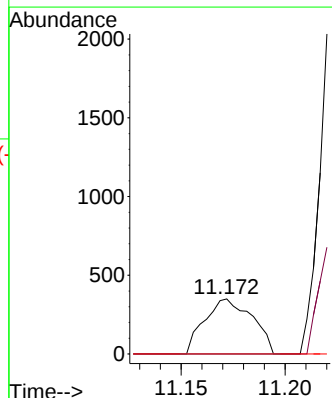
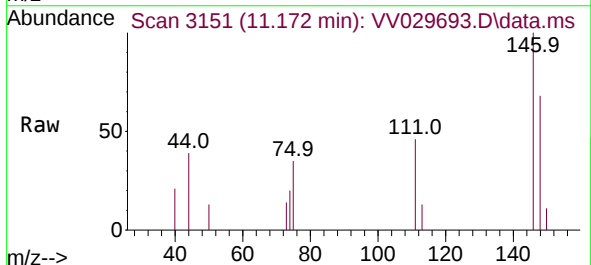
Tgt Ion: 75 Resp: 560

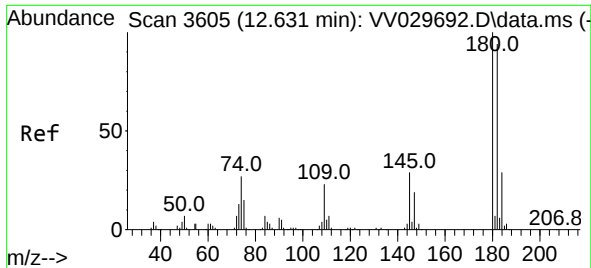
Ion Ratio Lower Upper

75 100

77 49.6 26.7 40.1#

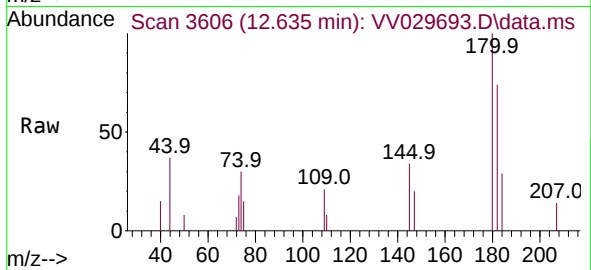
110 0.0 32.2 48.4#



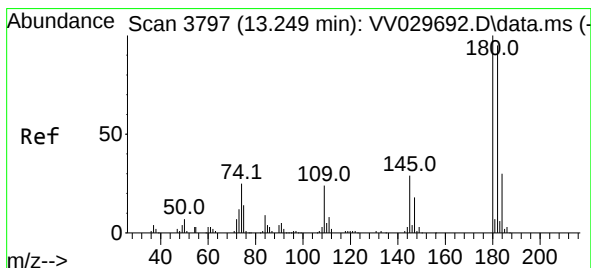
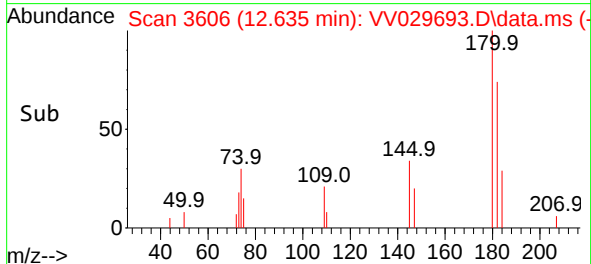
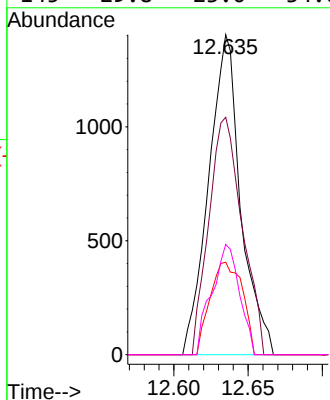


#69
 1,3,5-Trichlorobenzene
 Concen: 0.077 ug/L
 RT: 12.635 min Scan# 3605
 Delta R.T. 0.003 min
 Lab File: VV029693.D
 Acq: 16 Dec 2022 12:46

Instrument :
 MSVOA_V
 ClientSampleId :

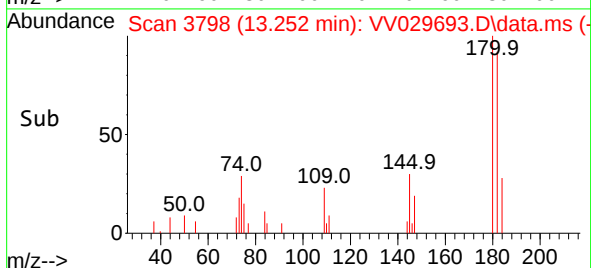
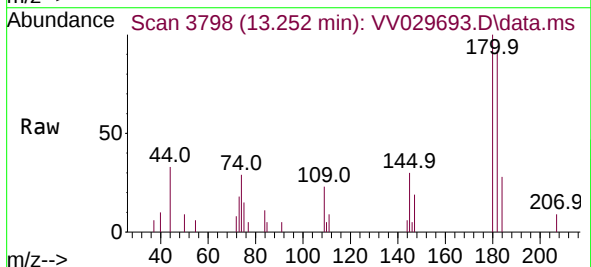
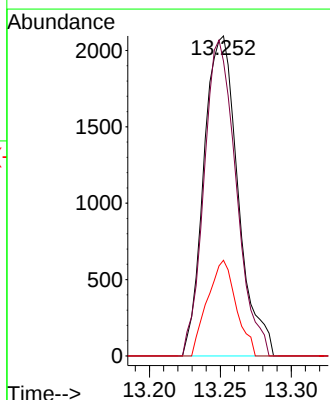


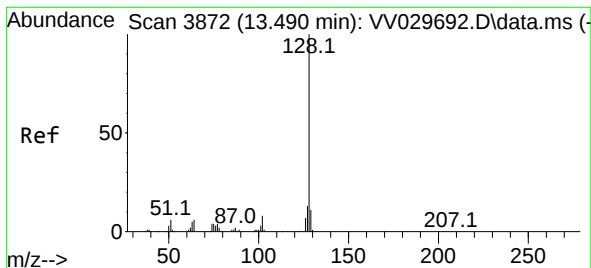
Tgt Ion:180 Resp: 2106
 Ion Ratio Lower Upper
 180 100
 182 77.0 77.0 115.6#
 184 29.1 24.4 36.6
 145 29.8 23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.159 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.003 min
 Lab File: VV029693.D
 Acq: 16 Dec 2022 12:46

Tgt Ion:180 Resp: 3515
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.2 114.4
 145 25.0 23.4 35.0





#71

Naphthalene

Concen: 1.276 ug/L

RT: 13.493 min Scan# 3872

Delta R.T. 0.003 min

Lab File: VV029693.D

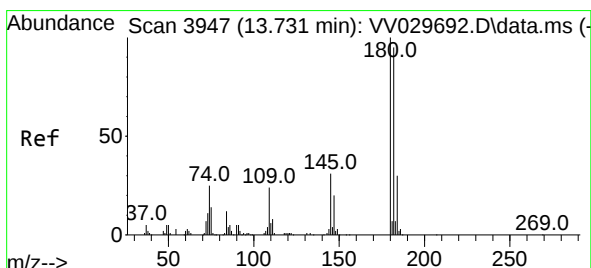
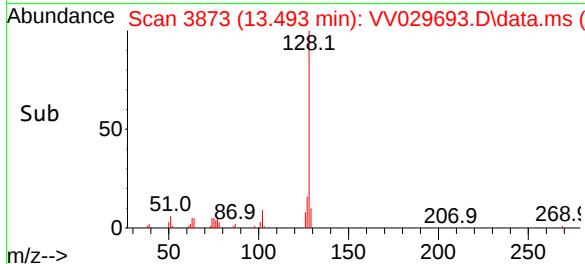
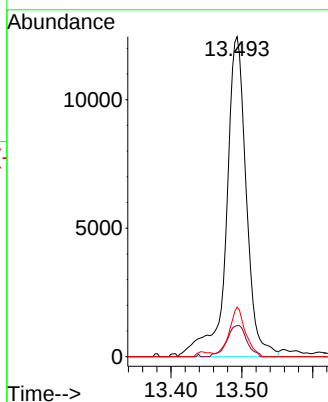
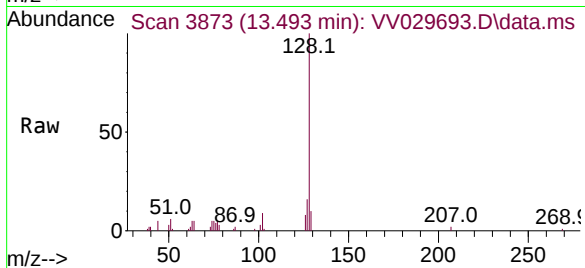
Acq: 16 Dec 2022 12:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	24348
Ion Ratio	Lower	Upper
128	100	
129	9.7	8.9 13.3
127	12.6	10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.201 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029693.D

Acq: 16 Dec 2022 12:46

Tgt Ion:180	Resp:	3605
Ion Ratio	Lower	Upper
180	100	
182	95.8	75.0 112.4
145	30.2	25.2 37.8

