

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
 Data File : VV032475.D
 Acq On : 18 Oct 2023 16:44
 Operator : SY/MD
 Sample : 04944-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:33:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

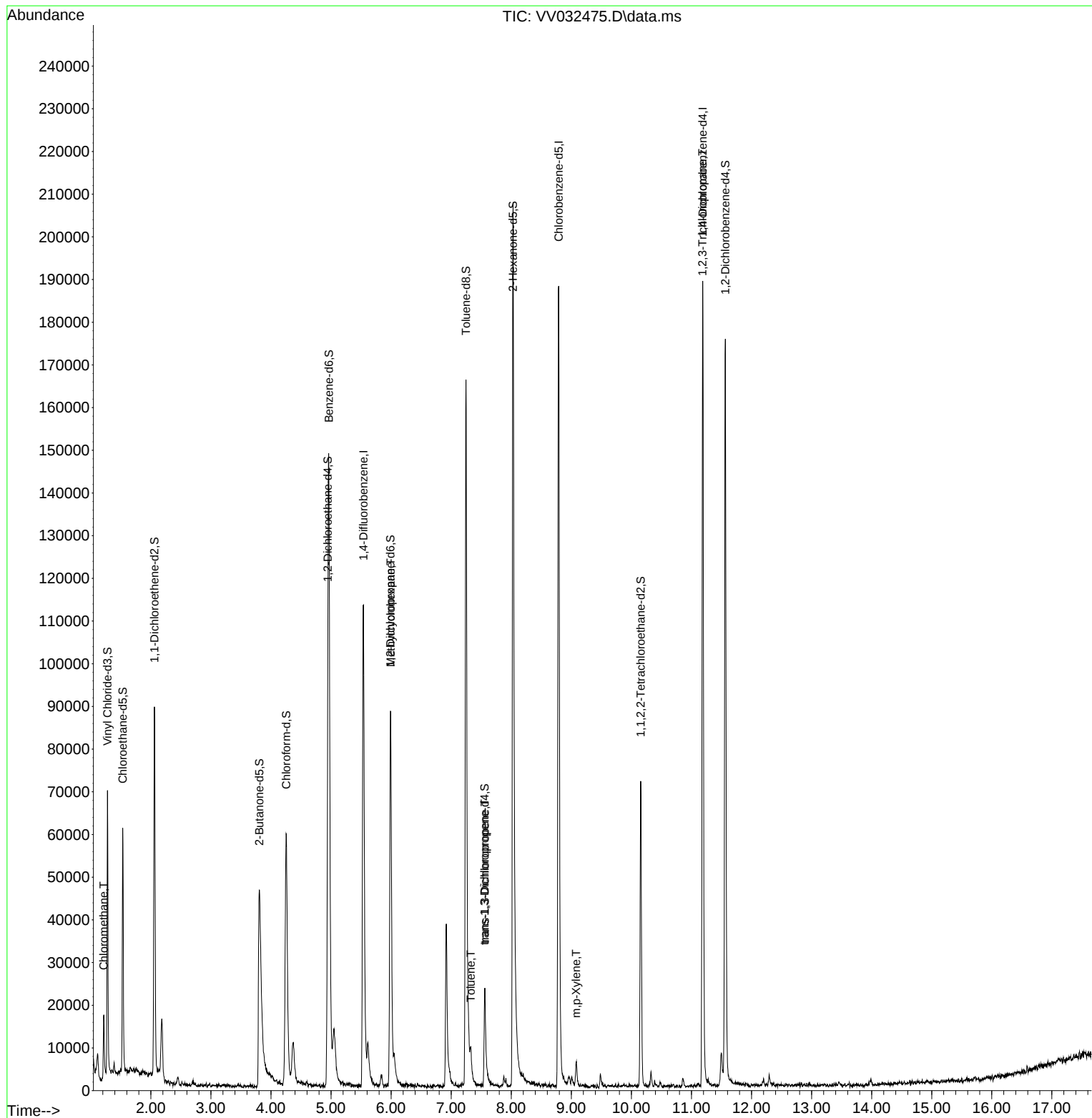
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	98795	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41463	5.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.532	69	35219	5.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.060	65	15330	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.806	46	90560	44.555	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.100%
24) Chloroform-d	4.252	84	62190	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	4.947	65	33113	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	133285	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.989	67	43254	4.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.246	98	119796	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.558	79	15046	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.027	63	76155	43.146	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.300%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34267	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	43958	4.916	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	9555	0.861	ug/L	95
35) Methylcyclohexane	5.992	83	9666	0.598	ug/L #	17
42) Toluene	7.326	91	5057	0.124	ug/L	88
44) trans-1,3-Dichloropropene	7.561	75	964	0.081	ug/L #	67
53) m,p-Xylene	9.082	106	1487	0.088	ug/L	91
61) 1,2,3-Trichloropropane	11.185	75	6229	1.215	ug/L #	66

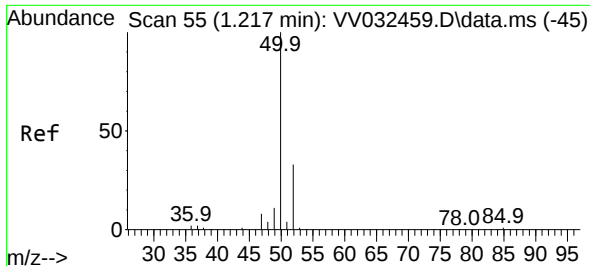
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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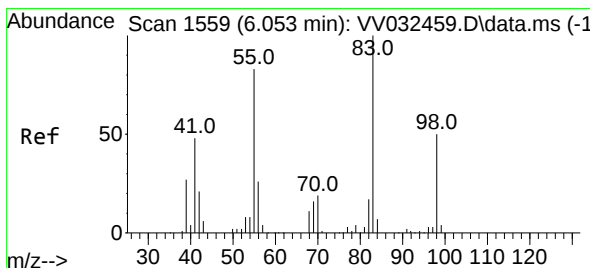
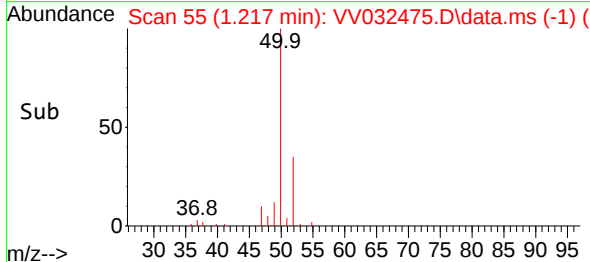
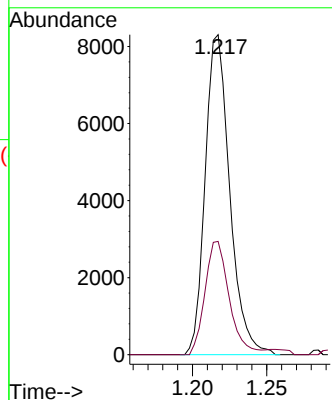
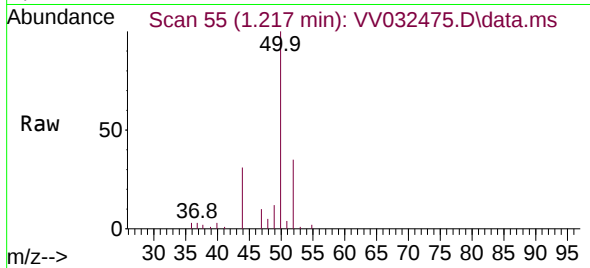




#3
Chloromethane
Concen: 0.861 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032475.D
Acq: 18 Oct 2023 16:44

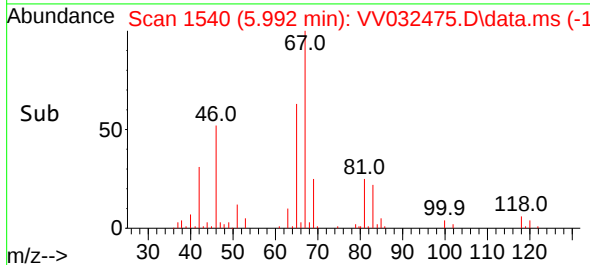
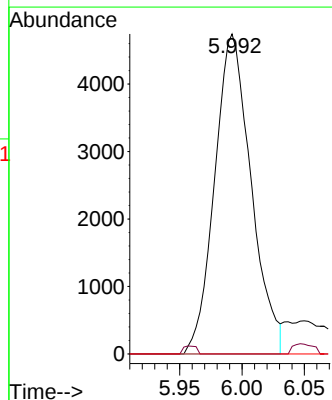
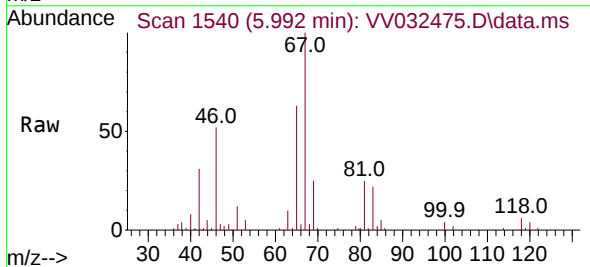
Instrument :
MSVOA_V
ClientSampleId :

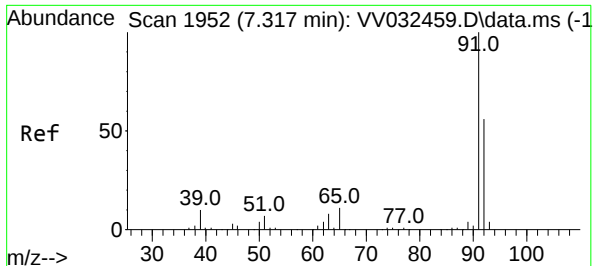
Tgt Ion: 50 Resp: 9555
Ion Ratio Lower Upper
50 100
52 35.4 23.0 42.6



#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032475.D
Acq: 18 Oct 2023 16:44

Tgt Ion: 83 Resp: 9666
Ion Ratio Lower Upper
83 100
55 0.9 64.2 96.2#
98 0.4 39.6 59.4#





#42

Toluene

Concen: 0.124 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032475.D

Acq: 18 Oct 2023 16:44

Instrument :

MSVOA_V

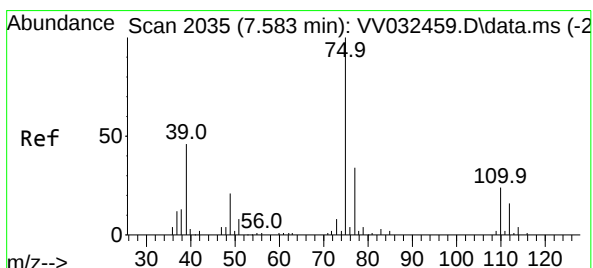
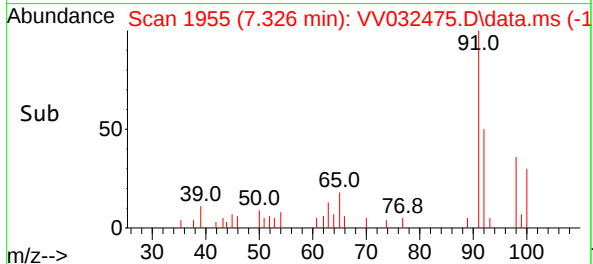
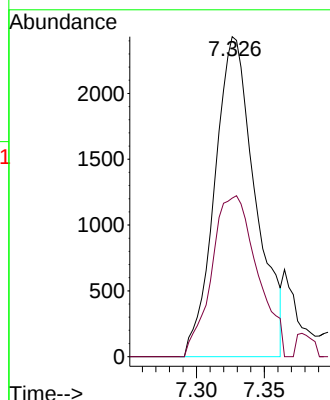
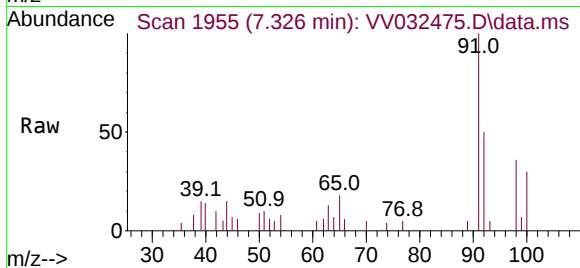
ClientSampleId :

Tgt Ion: 91 Resp: 5057

Ion Ratio Lower Upper

91 100

92 49.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.022 min

Lab File: VV032475.D

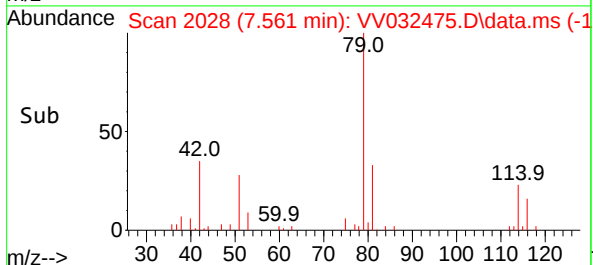
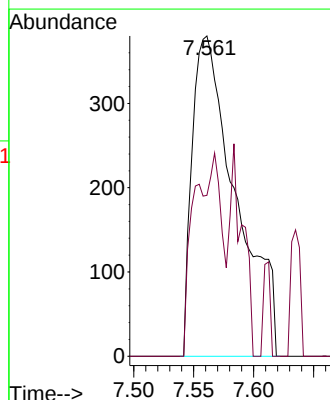
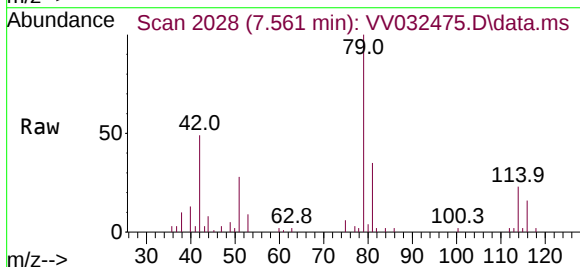
Acq: 18 Oct 2023 16:44

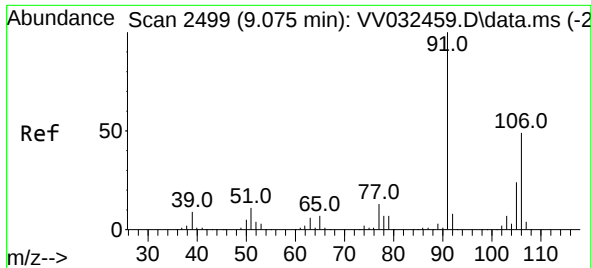
Tgt Ion: 75 Resp: 964

Ion Ratio Lower Upper

75 100

77 50.3 22.5 41.7#

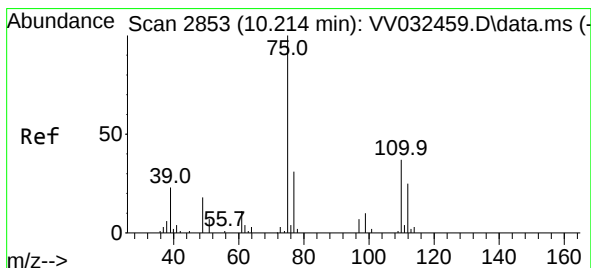
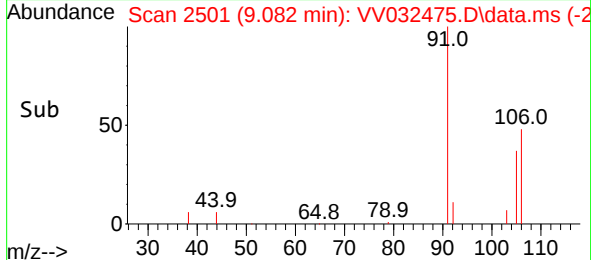
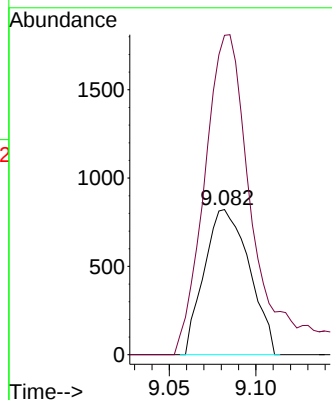
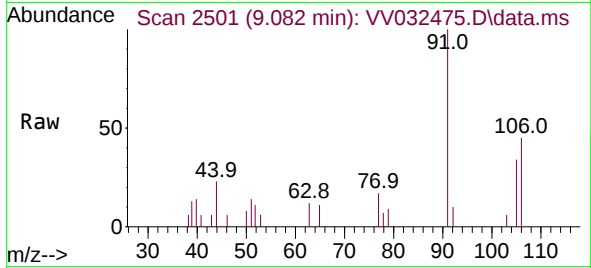




#53
m,p-Xylene
Concen: 0.088 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV032475.D
Acq: 18 Oct 2023 16:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1487
Ion Ratio Lower Upper
106 100
91 220.0 144.5 268.3



#61
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.971 min
Lab File: VV032475.D
Acq: 18 Oct 2023 16:44

Tgt Ion: 75 Resp: 6229
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.2
110 0.7 30.6 46.0#

