

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
 Data File : VV032470.D
 Acq On : 18 Oct 2023 14:44
 Operator : SY/MD
 Sample : 04918-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:32:37 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)

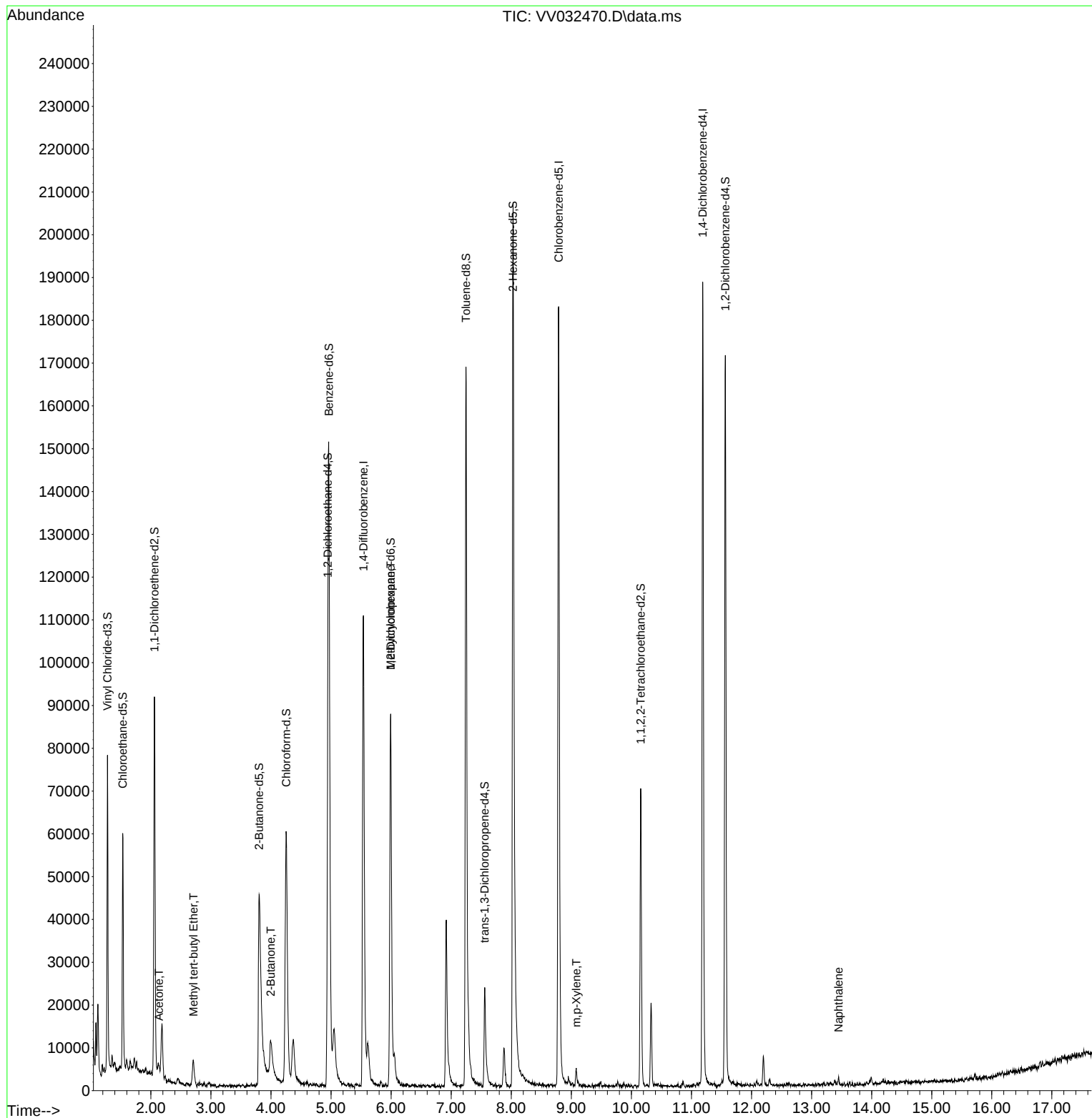
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95014	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	104722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47009	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40873	5.289	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.532	69	35303	5.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.600%
11) 1,1-Dichloroethene-d2	2.060	65	15374	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.802	46	90306	46.198	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.400%
24) Chloroform-d	4.252	84	61688	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.947	65	31750	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.963	84	134146	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.992	67	43900	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.246	98	119090	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.558	79	14443	3.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.030	63	76864	45.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34269	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	42695	4.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
13) Acetone	2.137	43	2970	1.971	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	5243	0.276	ug/L #	82
21) 2-Butanone	3.995	43	17422	7.395	ug/L #	53
35) Methylcyclohexane	5.992	83	10039	0.645	ug/L #	17
53) m,p-Xylene	9.085	106	1249	0.077	ug/L	75
71) Naphthalene	13.451	128	1484	0.077	ug/L #	77

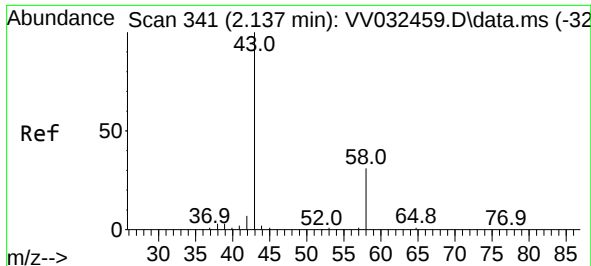
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.971 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

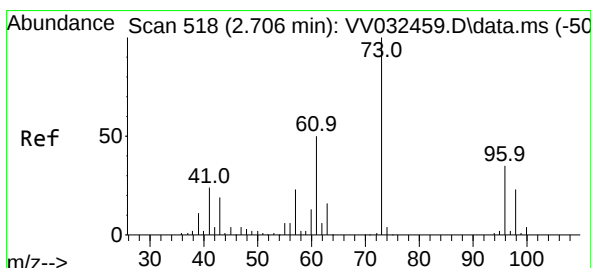
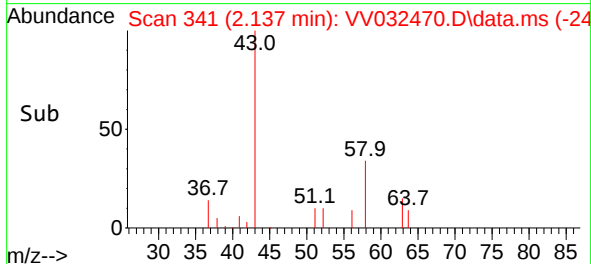
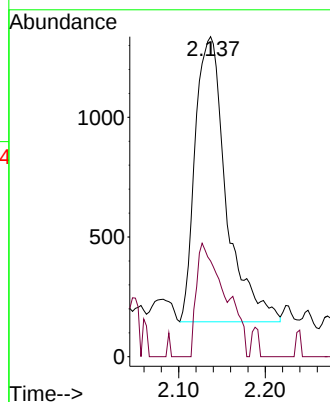
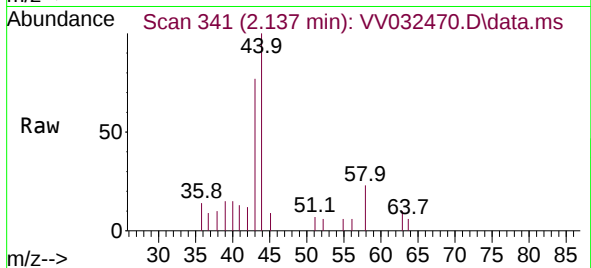
ClientSampleId :

Tgt Ion: 43 Resp: 2970

Ion Ratio Lower Upper

43 100

58 29.0 0.0 66.0



#17

Methyl tert-butyl Ether

Concen: 0.276 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV032470.D

Acq: 18 Oct 2023 14:44

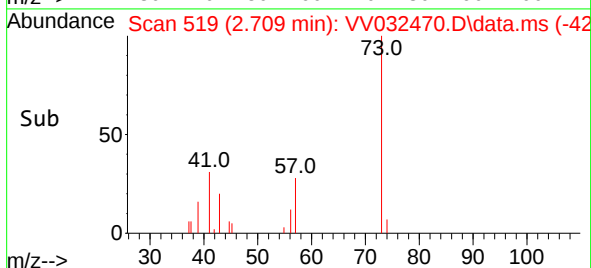
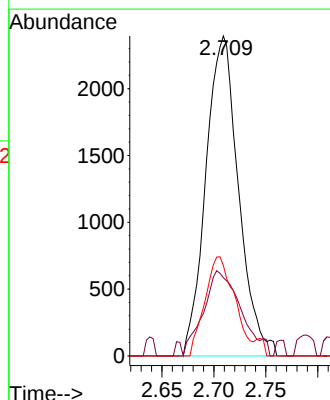
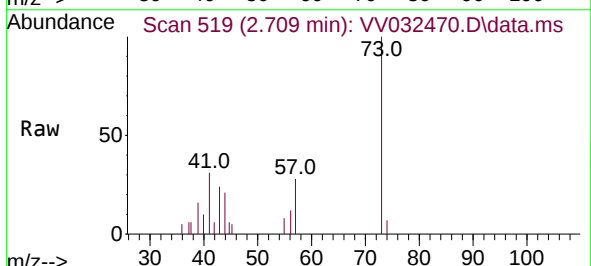
Tgt Ion: 73 Resp: 5243

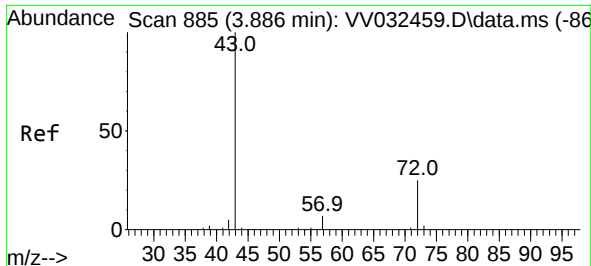
Ion Ratio Lower Upper

73 100

43 30.6 15.1 22.7#

57 28.3 18.3 27.5#

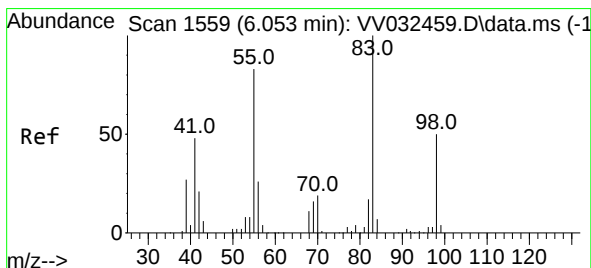
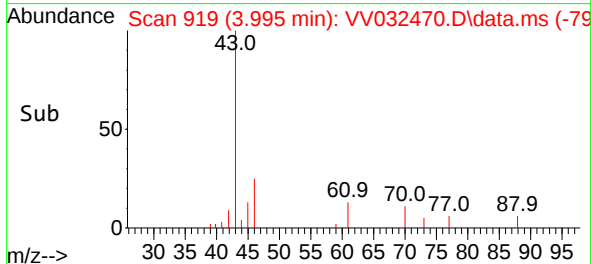
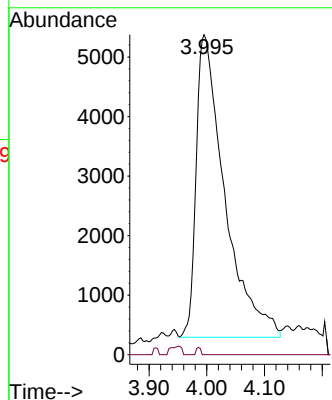
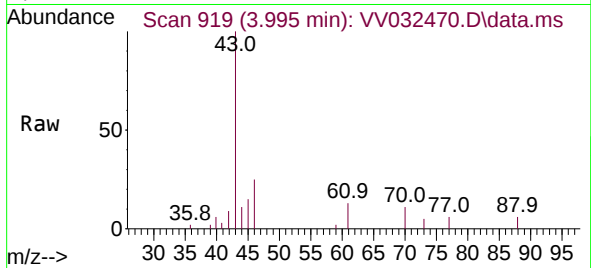




#21
2-Butanone
Concen: 7.395 ug/L
RT: 3.995 min Scan# 91
Delta R.T. 0.109 min
Lab File: VV032470.D
Acq: 18 Oct 2023 14:44

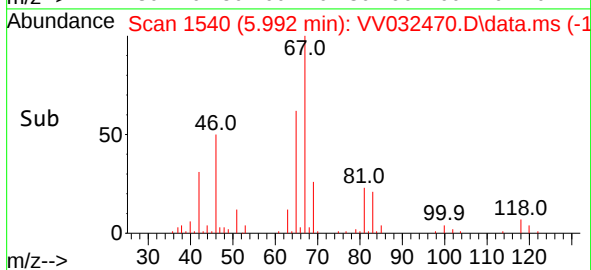
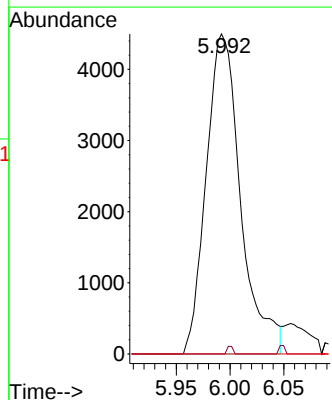
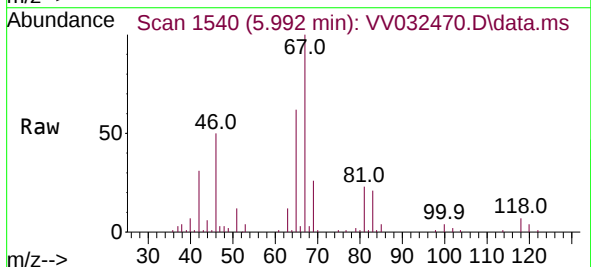
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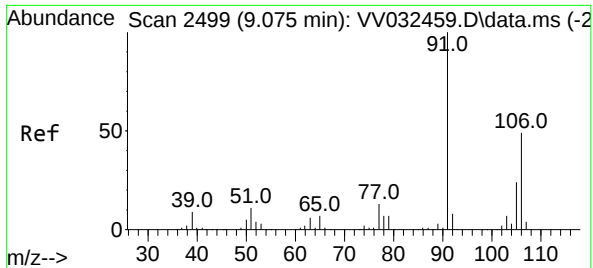
Tgt Ion: 43 Resp: 17422
Ion Ratio Lower Upper
43 100
72 0.4 11.6 34.8#



#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032470.D
Acq: 18 Oct 2023 14:44

Tgt Ion: 83 Resp: 10039
Ion Ratio Lower Upper
83 100
55 0.4 64.2 96.2#
98 0.0 39.6 59.4#

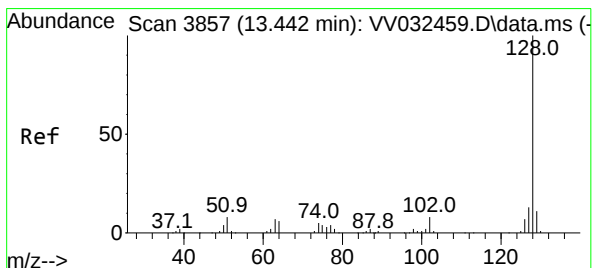
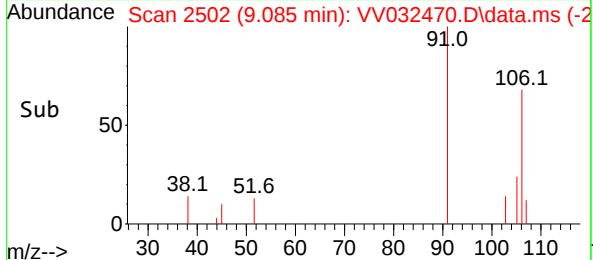
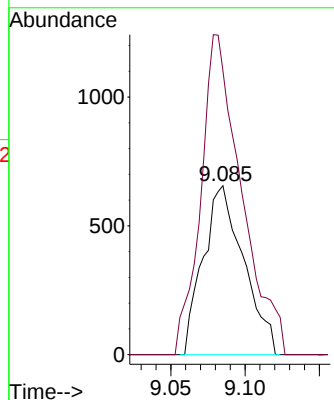
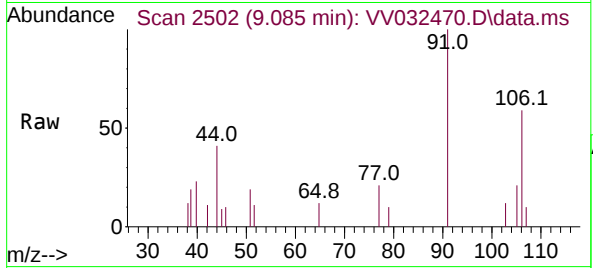




#53
 m,p-Xylene
 Concen: 0.077 ug/L
 RT: 9.085 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV032470.D
 Acq: 18 Oct 2023 14:44

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 1249
 Ion Ratio Lower Upper
 106 100
 91 168.1 144.5 268.3



#71
 Naphthalene
 Concen: 0.077 ug/L
 RT: 13.451 min Scan# 3860
 Delta R.T. 0.010 min
 Lab File: VV032470.D
 Acq: 18 Oct 2023 14:44

Tgt Ion:128 Resp: 1484
 Ion Ratio Lower Upper
 128 100
 129 5.1 9.0 13.4#
 127 1.3 10.2 15.2#

