

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036569.D
 Acq On : 16 Jul 2024 16:00
 Operator : SY/MD
 Sample : P3238-11
 Misc : 4.96g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:28:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

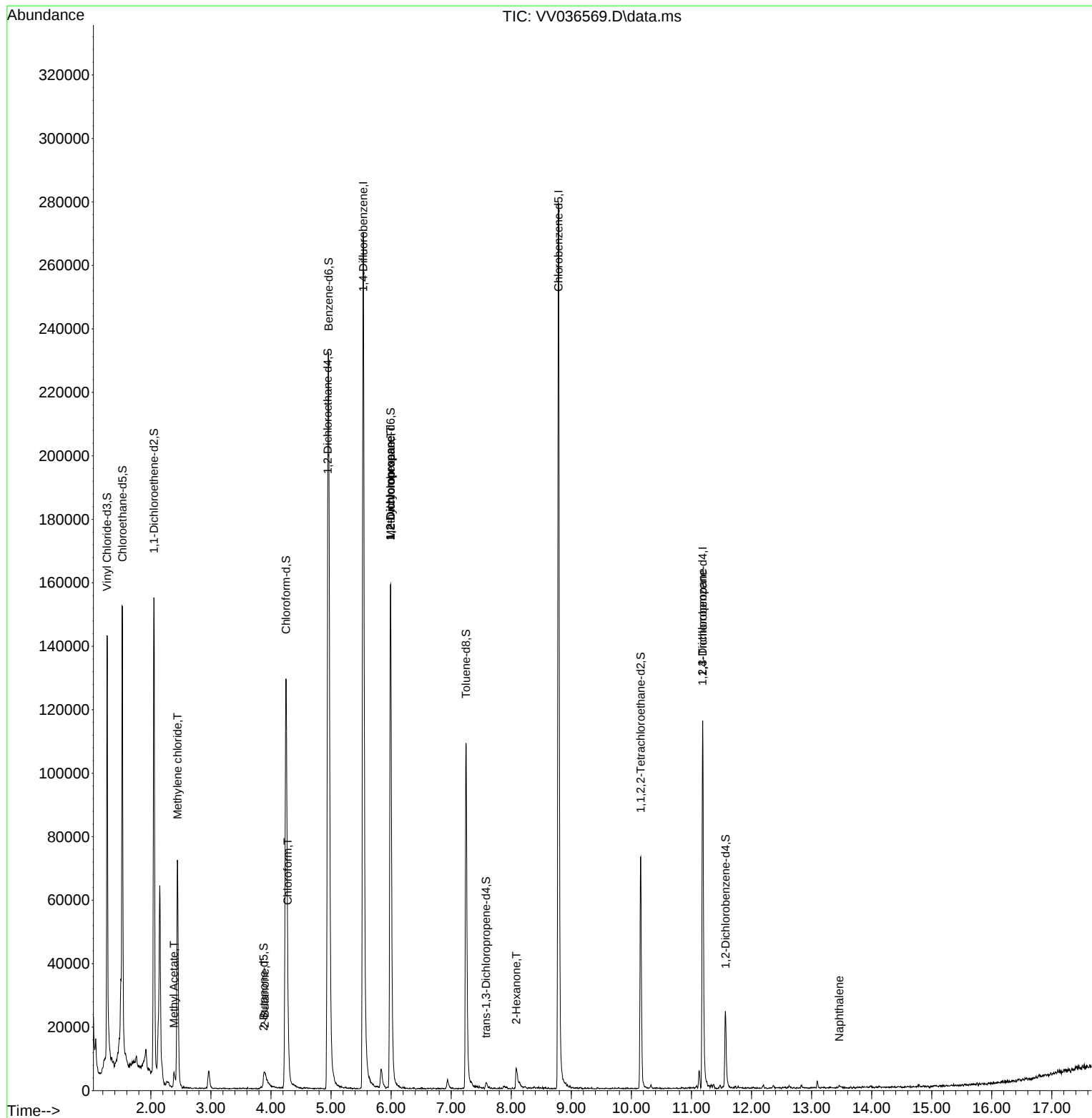
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	252554	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	167686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34697	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	89403	24.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
7) Chloroethane-d5	1.526	69	92699	29.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.200%
11) 1,1-Dichloroethene-d2	2.050	65	24005	12.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.680%
21) 2-Butanone-d5	3.876	46	263	0.425	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.840%#
24) Chloroform-d	4.249	84	139611	18.991	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.960%
26) 1,2-Dichloroethane-d4	4.944	65	79110	21.697	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.960	84	196894	23.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	5.992	67	76641	30.740	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.960%#
41) Toluene-d8	7.246	98	81276	10.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	42.120%
43) trans-1,3-Dichloroprop...	7.580	79	1448	1.397	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	5.600%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36229	17.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	7246	6.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	24.600%#
Target Compounds						Qvalue
15) Methyl Acetate	2.384	43	5513	4.661	ug/L	95
16) Methylene chloride	2.445	84	33063	6.368	ug/L	95
22) 2-Butanone	3.899	43	8220	11.183	ug/L #	76
25) Chloroform	4.278	83	4112	0.564	ug/L	93
35) Methylcyclohexane	5.992	83	21551	7.151	ug/L #	22
37) 1,2-Dichloropropane	5.989	63	8759	4.182	ug/L #	87
48) 2-Hexanone	8.085	43	4574	6.479	ug/L #	35
61) 1,2,3-Trichloropropane	11.185	75	3656	5.922	ug/L #	54
71) Naphthalene	13.461	128	900	0.475	ug/L #	69

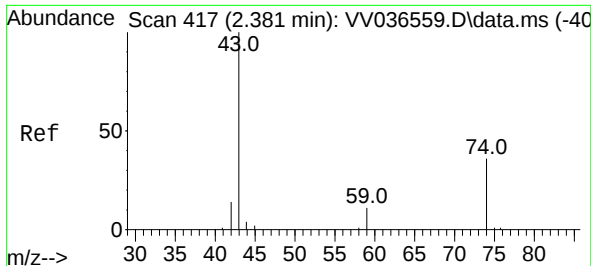
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 4.661 ug/L

RT: 2.384 min Scan# 417

Delta R.T. 0.003 min

Lab File: VV036569.D

Acq: 16 Jul 2024 16:00

Instrument :

MSVOA_V

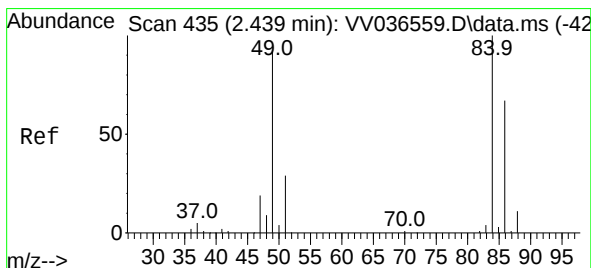
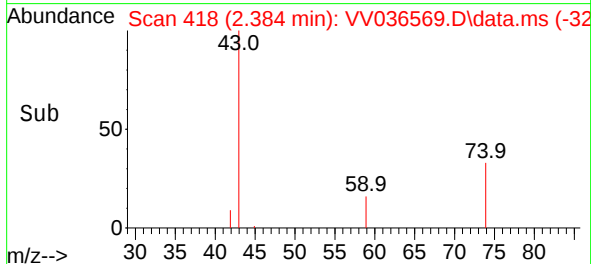
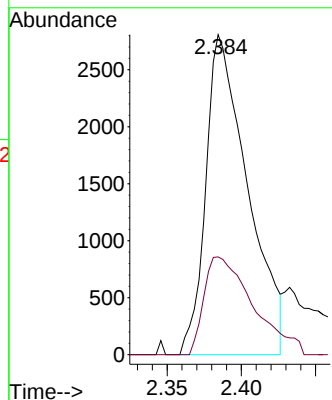
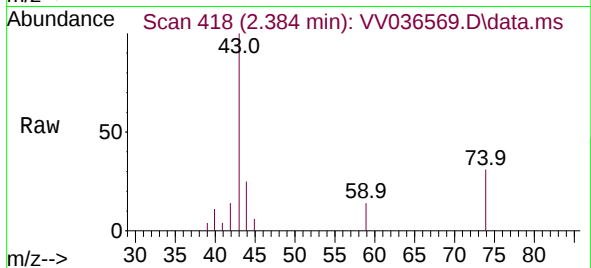
ClientSampleId :

Tgt Ion: 43 Resp: 5513

Ion Ratio Lower Upper

43 100

74 35.9 26.3 39.5



#16

Methylene chloride

Concen: 6.368 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.006 min

Lab File: VV036569.D

Acq: 16 Jul 2024 16:00

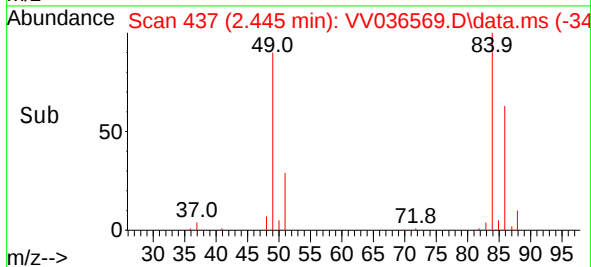
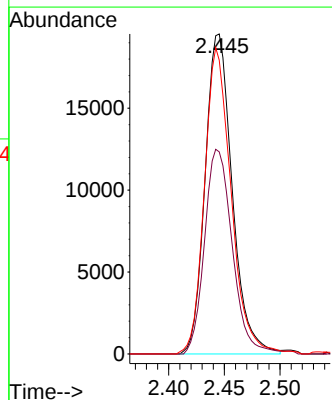
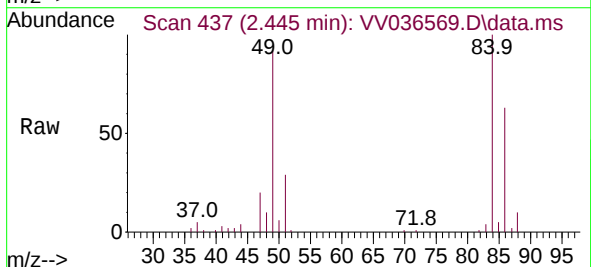
Tgt Ion: 84 Resp: 33063

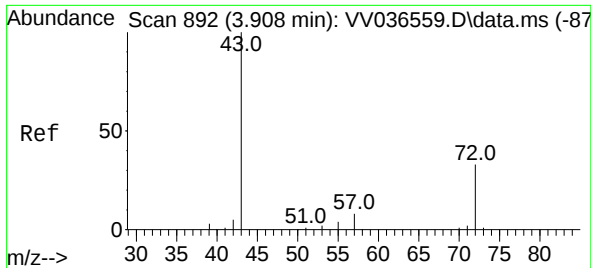
Ion Ratio Lower Upper

84 100

86 63.2 46.3 86.1

49 91.8 68.1 126.5

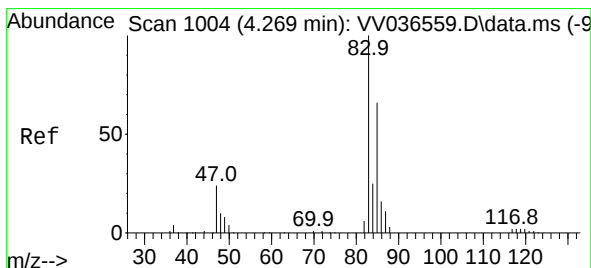
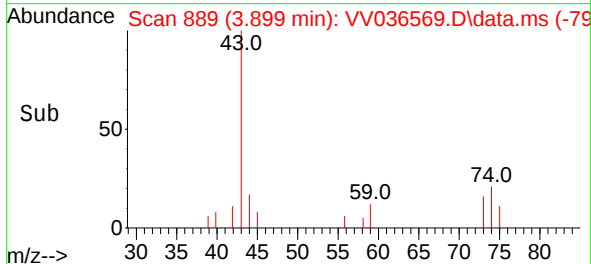
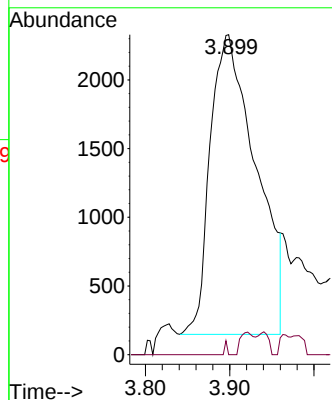
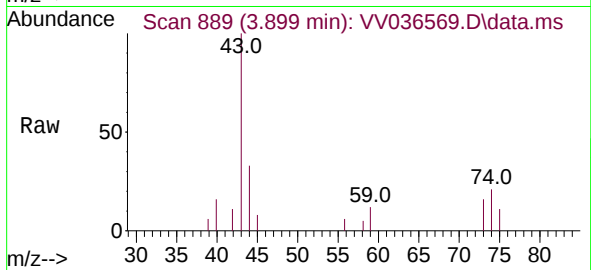




#22
2-Butanone
Concen: 11.183 ug/L
RT: 3.899 min Scan# 892
Delta R.T. -0.010 min
Lab File: VV036569.D
Acq: 16 Jul 2024 16:00

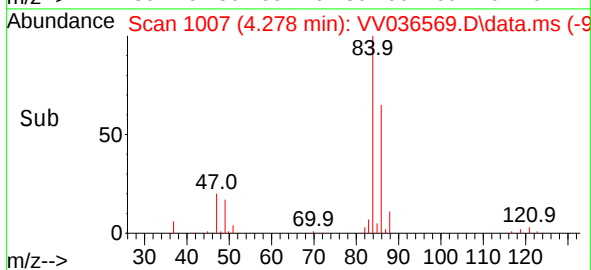
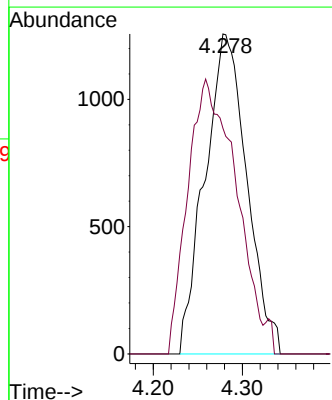
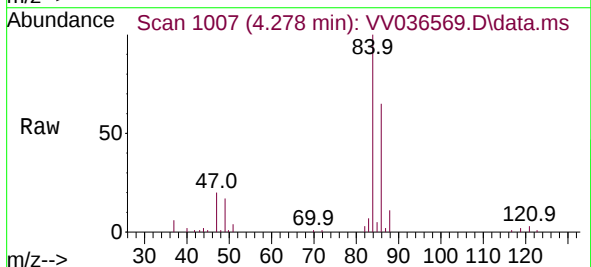
Instrument :
MSVOA_V
ClientSampleId :

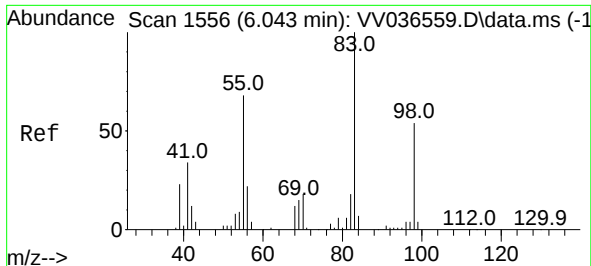
Tgt Ion: 43 Resp: 8220
Ion Ratio Lower Upper
43 100
72 2.3 5.9 17.6#



#25
Chloroform
Concen: 0.564 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.010 min
Lab File: VV036569.D
Acq: 16 Jul 2024 16:00

Tgt Ion: 83 Resp: 4112
Ion Ratio Lower Upper
83 100
85 70.6 45.6 84.6





#35

Methylcyclohexane

Concen: 7.151 ug/L

RT: 5.992 min Scan# 1539

Delta R.T. -0.051 min

Lab File: VV036569.D

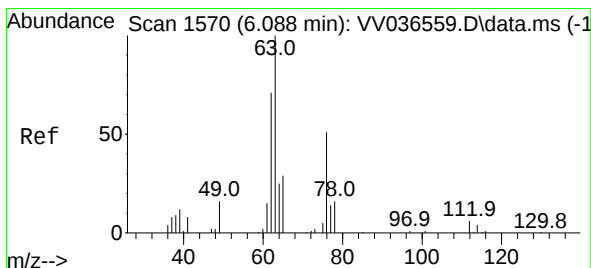
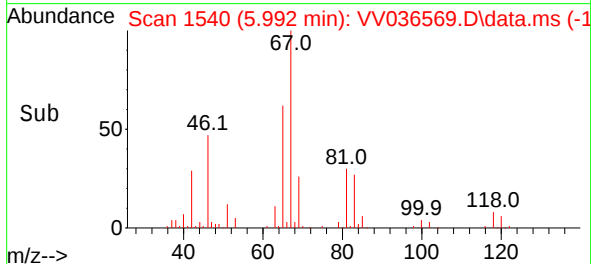
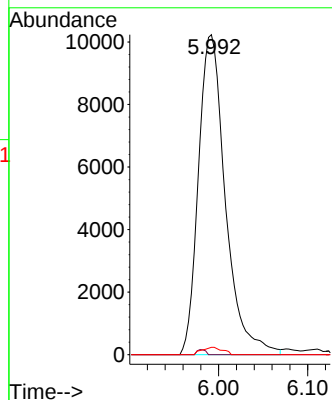
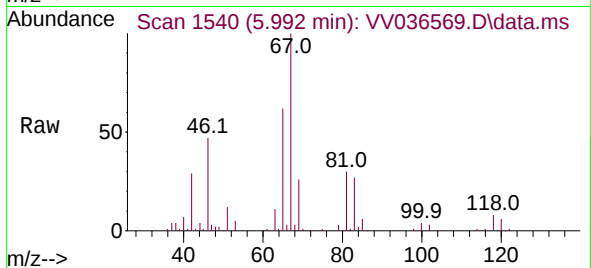
Acq: 16 Jul 2024 16:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	21551
Ion Ratio	Lower	Upper	
83	100		
55	0.5	54.3	81.5#
98	1.5	41.7	62.5#



#37

1,2-Dichloropropane

Concen: 4.182 ug/L

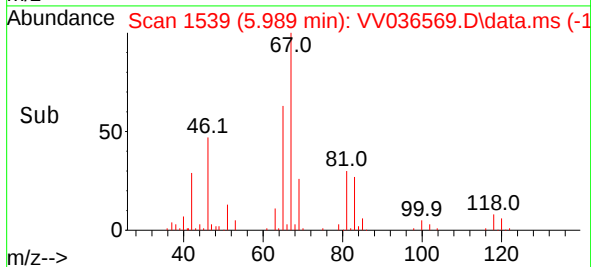
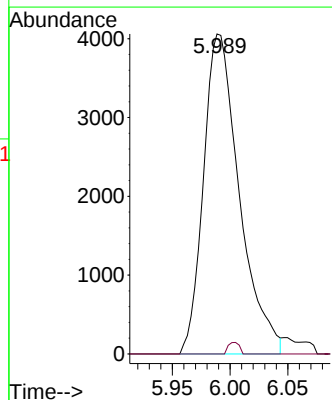
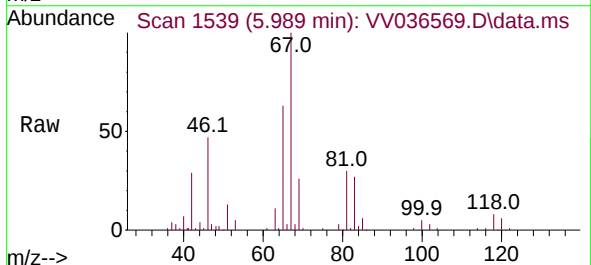
RT: 5.989 min Scan# 1539

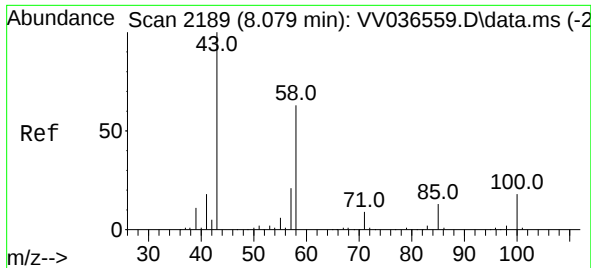
Delta R.T. -0.100 min

Lab File: VV036569.D

Acq: 16 Jul 2024 16:00

Tgt Ion:	63	Resp:	8759
Ion Ratio	Lower	Upper	
63	100		
112	1.1	4.5	6.7#

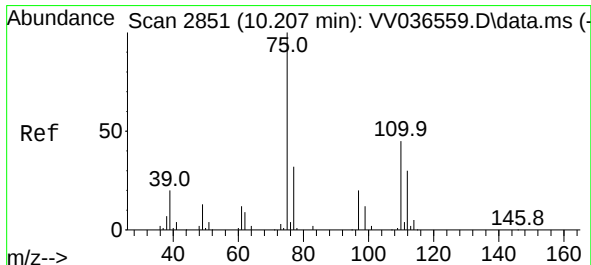
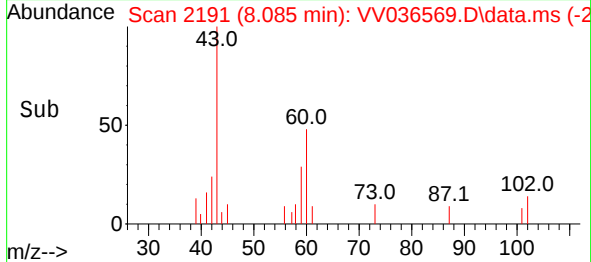
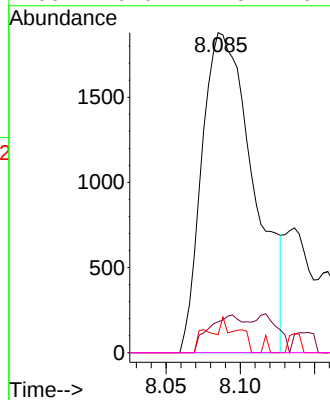
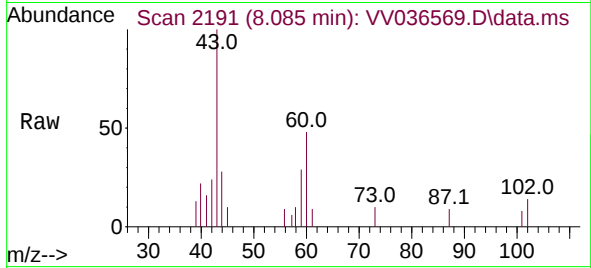




#48
2-Hexanone
Concen: 6.479 ug/L
RT: 8.085 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VV036569.D
Acq: 16 Jul 2024 16:00

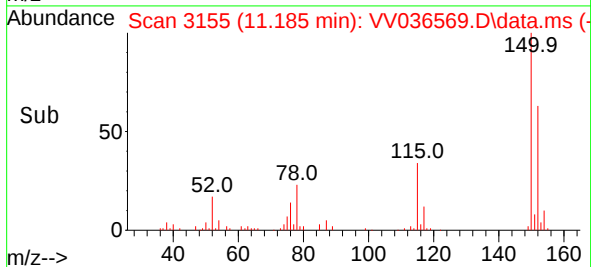
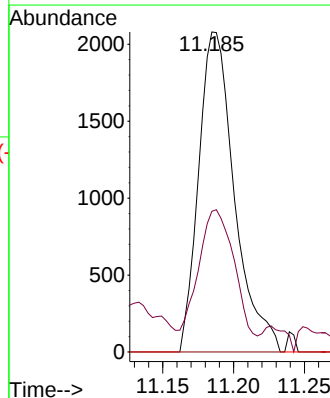
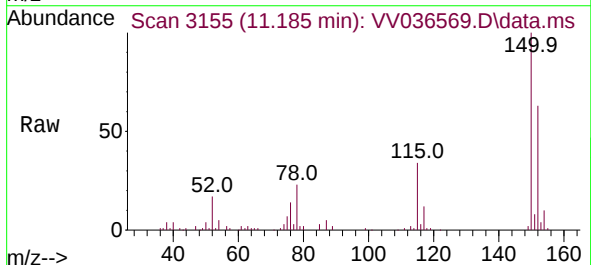
Instrument :
MSVOA_V
ClientSampleId :

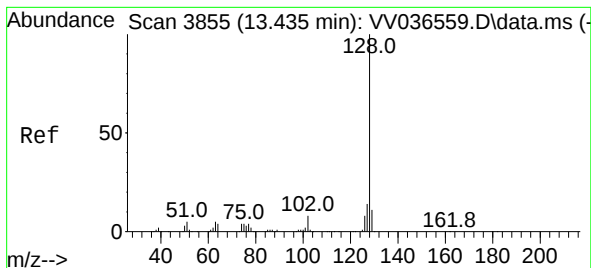
Tgt Ion: 43	Resp: 4574
Ion Ratio	Lower Upper
43	100
58	0.0 49.5 74.3#
57	1.4 15.3 22.9#
100	0.0 12.9 19.3#



#61
1,2,3-Trichloropropane
Concen: 5.922 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV036569.D
Acq: 16 Jul 2024 16:00

Tgt Ion: 75	Resp: 3656
Ion Ratio	Lower Upper
75	100
77	41.9 25.6 38.4#
110	0.0 34.8 52.2#





#71

Naphthalene

Concen: 0.475 ug/L

RT: 13.461 min Scan# 3863

Delta R.T. 0.026 min

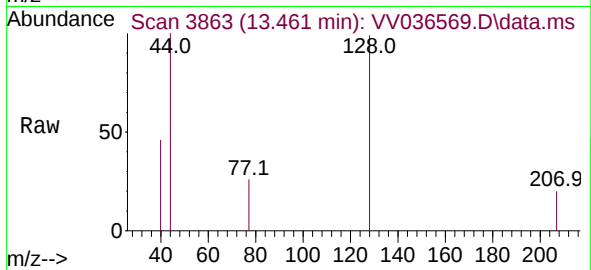
Lab File: VV036569.D

Acq: 16 Jul 2024 16:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 900

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.6 13.0#

