

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051623\
 Data File : VV031049.D
 Acq On : 16 May 2023 13:42
 Operator : SY/MD
 Sample : 02767-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:43:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

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

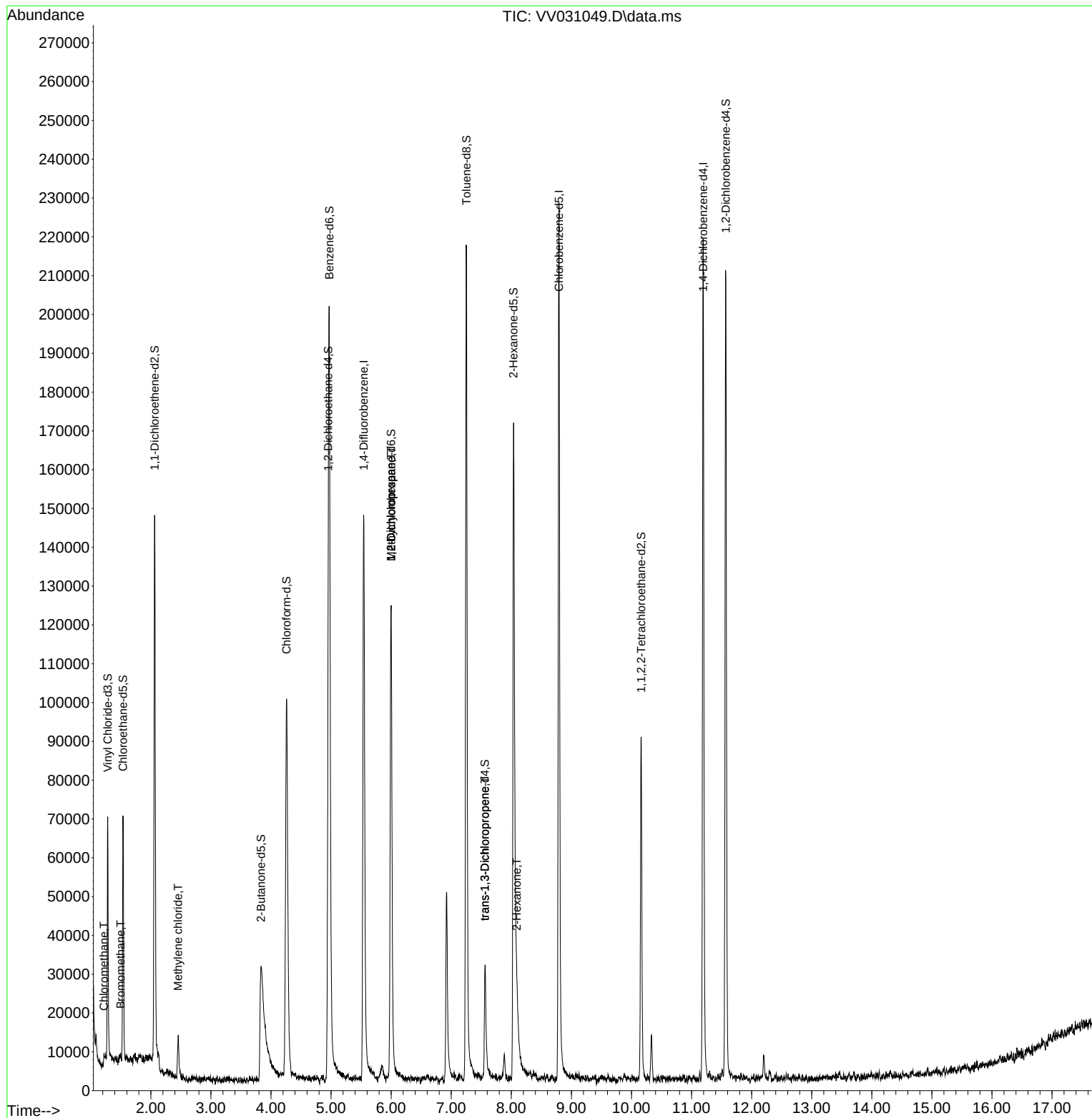
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129742	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61434	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	42006	3.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.535	69	41212	4.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.063	65	24400	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.834	46	74936	39.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.060%
24) Chloroform-d	4.259	84	102038	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.953	65	53654	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	4.969	84	174600	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.998	67	51670	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.252	98	146936	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.561	79	17940	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.037	63	65213	47.070	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.140%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38409	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	56445	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	976	0.081	ug/L	99
6) Bromomethane	1.497	94	527	0.110	ug/L	73
16) Methylene chloride	2.455	84	4642	0.470	ug/L	95
35) Methylcyclohexane	5.998	83	14549	1.131	ug/L #	19
37) 1,2-Dichloropropane	5.998	63	7934	1.074	ug/L #	87
44) trans-1,3-Dichloropropene	7.561	75	1192	0.126	ug/L #	67
48) 2-Hexanone	8.091	43	9006	3.069	ug/L	97

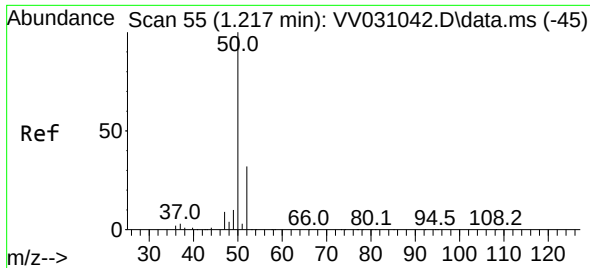
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 01:43:32 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 17 01:41:23 2023
Response via : Initial Calibration

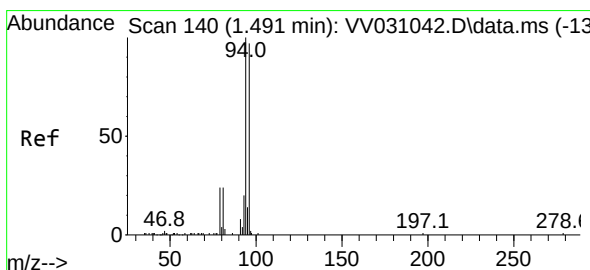
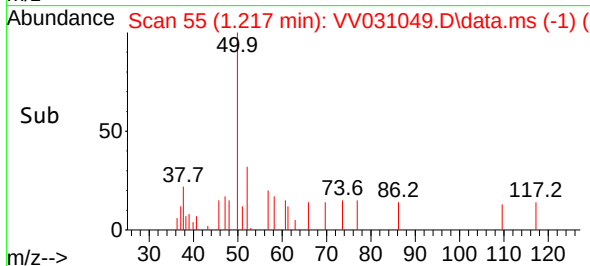
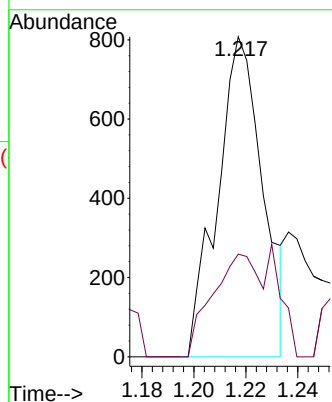
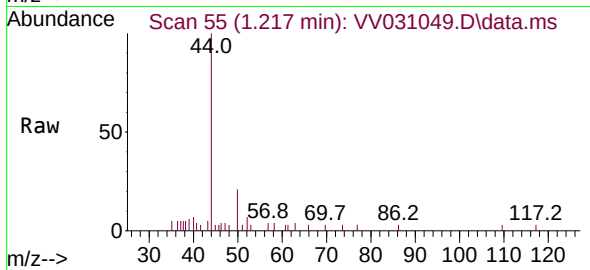




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031049.D
Acq: 16 May 2023 13:42

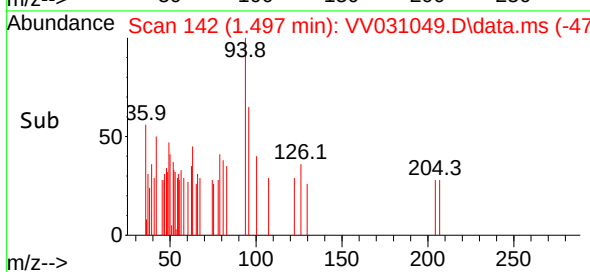
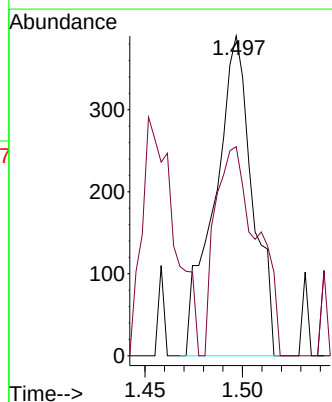
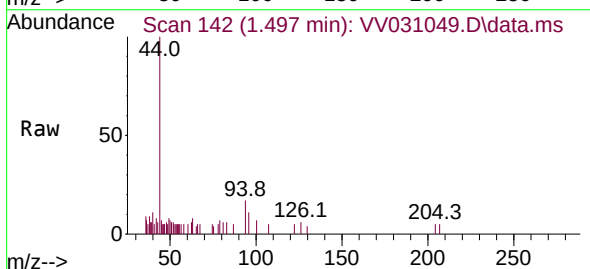
Instrument :
MSVOA_V
ClientSampleId :

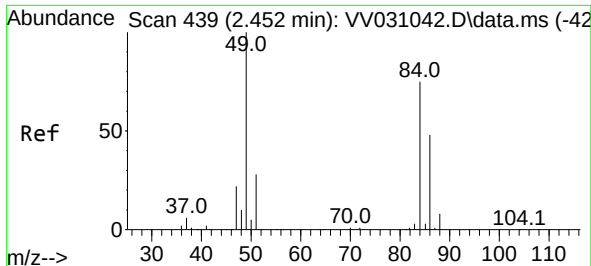
Tgt Ion: 50 Resp: 976
Ion Ratio Lower Upper
50 100
52 32.1 22.8 42.4



#6
Bromomethane
Concen: 0.110 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031049.D
Acq: 16 May 2023 13:42

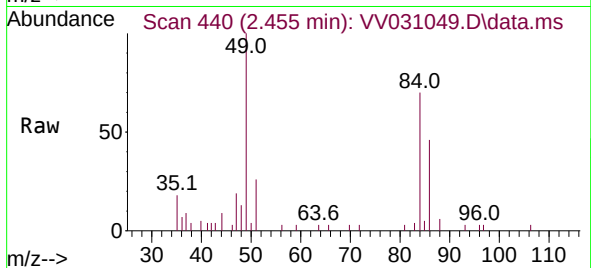
Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 65.4 63.4 117.8



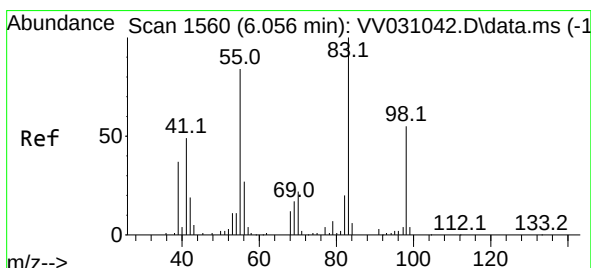
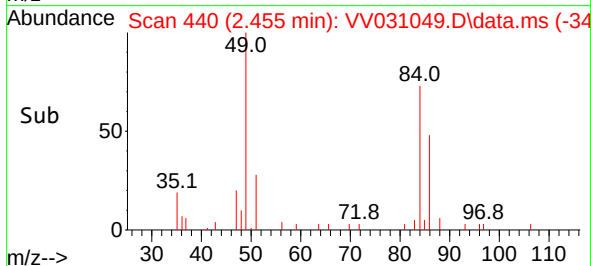
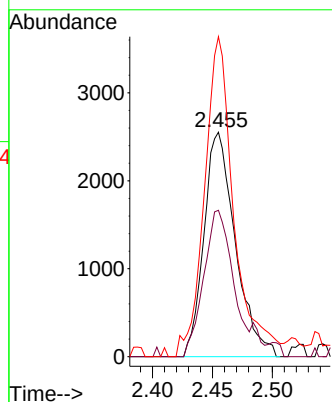


#16
Methylene chloride
Concen: 0.470 ug/L
RT: 2.455 min Scan# 44
Delta R.T. 0.003 min
Lab File: VV031049.D
Acq: 16 May 2023 13:42

Instrument :
MSVOA_V
ClientSampleId :

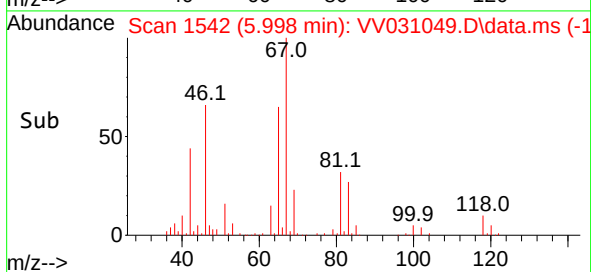
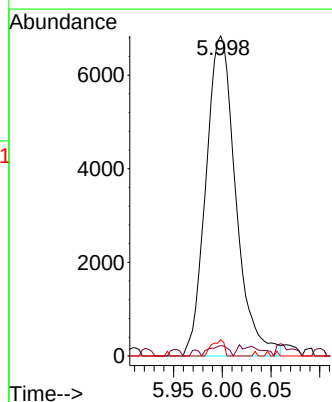
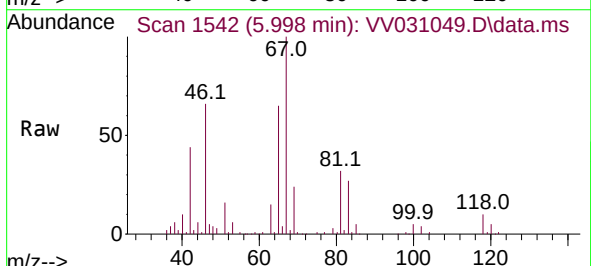


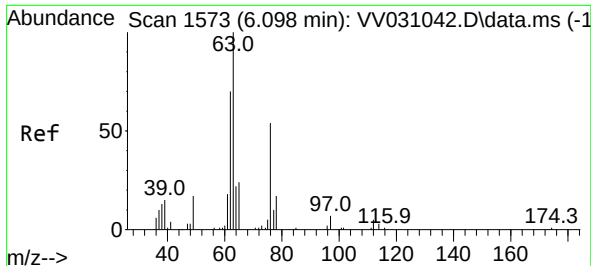
Tgt Ion: 84 Resp: 4642
Ion Ratio Lower Upper
84 100
86 65.2 46.1 85.5
49 142.5 94.3 175.1



#35
Methylcyclohexane
Concen: 1.131 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031049.D
Acq: 16 May 2023 13:42

Tgt Ion: 83 Resp: 14549
Ion Ratio Lower Upper
83 100
55 2.0 62.9 94.3#
98 2.1 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 1.074 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV031049.D

Acq: 16 May 2023 13:42

Instrument :

MSVOA_V

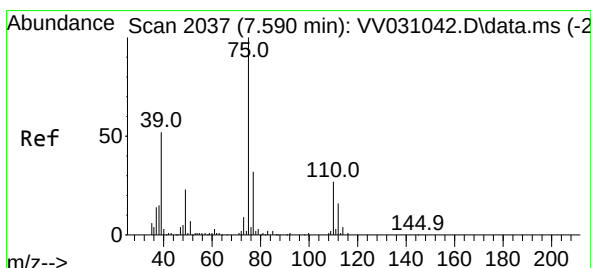
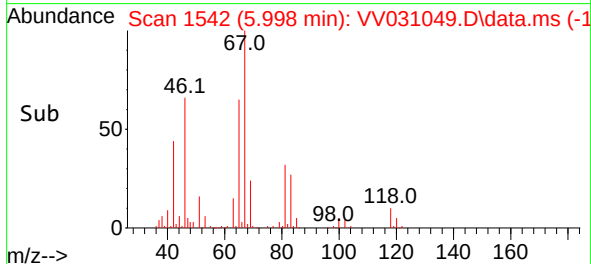
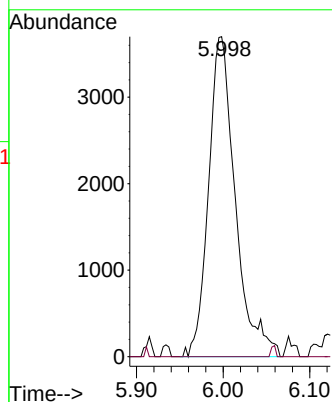
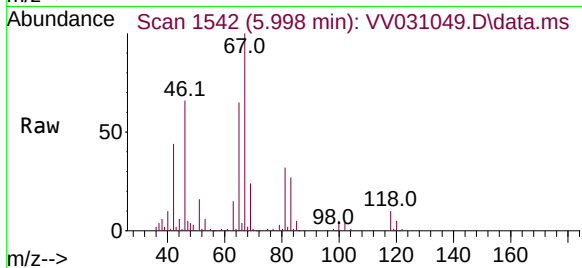
ClientSampleId :

Tgt Ion: 63 Resp: 7934

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.029 min

Lab File: VV031049.D

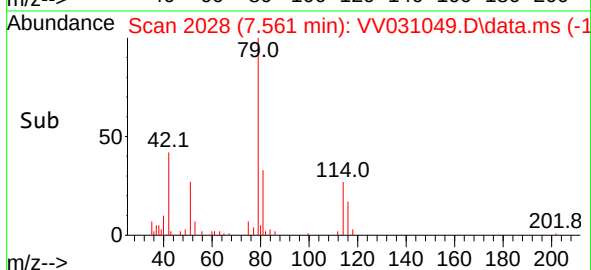
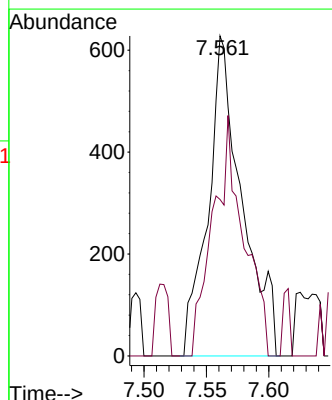
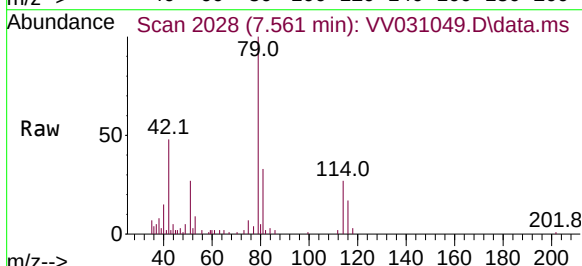
Acq: 16 May 2023 13:42

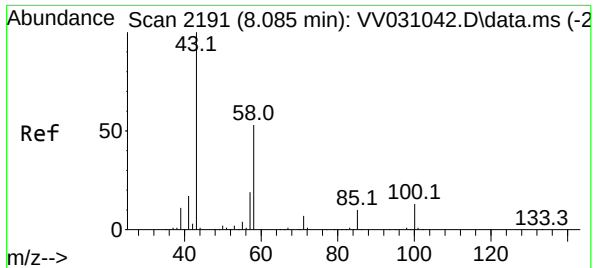
Tgt Ion: 75 Resp: 1192

Ion Ratio Lower Upper

75 100

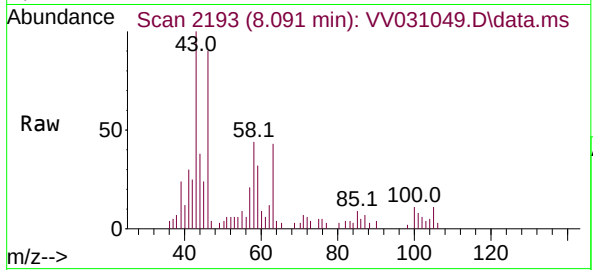
77 48.9 21.6 40.0#





#48
 2-Hexanone
 Concen: 3.069 ug/L
 RT: 8.091 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV031049.D
 Acq: 16 May 2023 13:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 9006
Ion Ratio	Lower Upper
43	100
58	49.4 39.9 59.9
57	21.1 14.1 21.1
100	11.1 9.7 14.5

