

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035987.D
 Acq On : 06 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2754-02
 Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 02:20:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

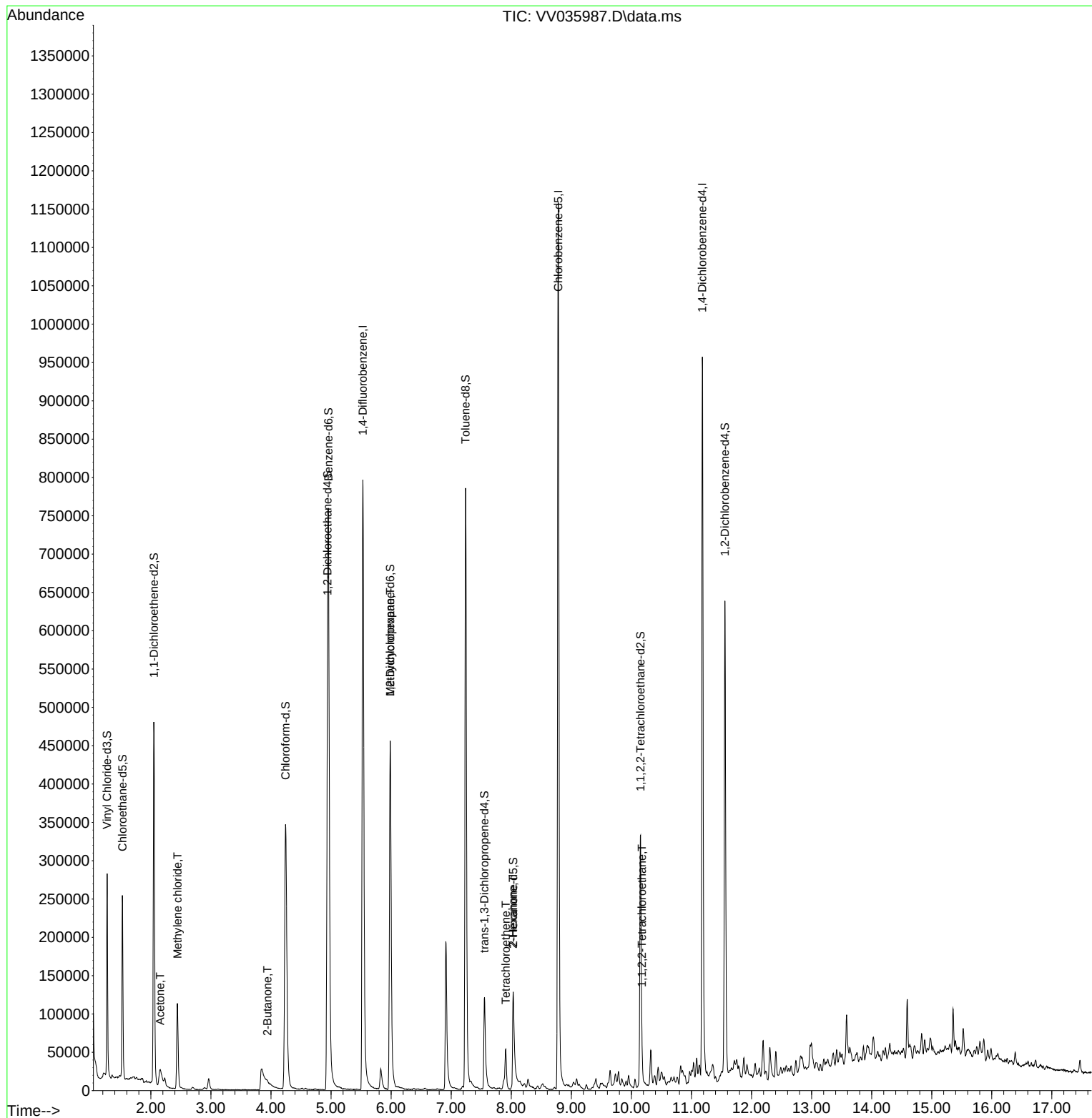
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	701519	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	637803	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	246741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	173178	13.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.720%
7) Chloroethane-d5	1.526	69	160455	15.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.400%
11) 1,1-Dichloroethene-d2	2.050	65	82615	14.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.560%
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	4.243	84	388057	17.399	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.600%
26) 1,2-Dichloroethane-d4	4.941	65	192598	16.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.880%#
32) Benzene-d6	4.957	84	705439	18.607	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.440%
36) 1,2-Dichloropropane-d6	5.986	67	238772	19.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.000%
41) Toluene-d8	7.240	98	553912	16.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.240%
43) trans-1,3-Dichloroprop...	7.555	79	77622	15.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.440%
47) 2-Hexanone-d5	8.034	63	50060	30.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	166188	18.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	159747	17.655	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.600%#
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	64926	14.085	ug/L #	45
16) Methylene chloride	2.442	84	49075	3.092	ug/L	97
22) 2-Butanone	3.941	43	8764	2.241	ug/L	84
35) Methylcyclohexane	5.986	83	57579	3.257	ug/L #	19
46) Tetrachloroethene	7.908	164	12679	1.356	ug/L	98
48) 2-Hexanone	8.031	43	7369	1.584	ug/L #	27
57) 1,1,2,2-Tetrachloroethane	10.175	83	3702	0.456	ug/L #	64

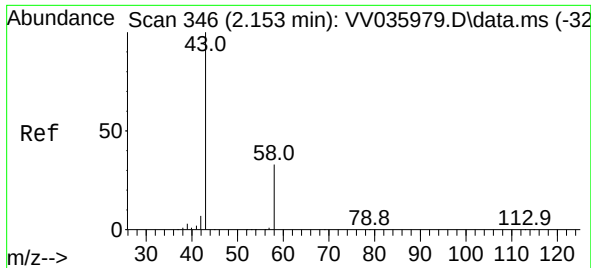
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 02:16:44 2024
Response via : Initial Calibration





#13

Acetone

Concen: 14.085 ug/L

RT: 2.156 min Scan# 346

Delta R.T. 0.003 min

Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

Instrument :

MSVOA_V

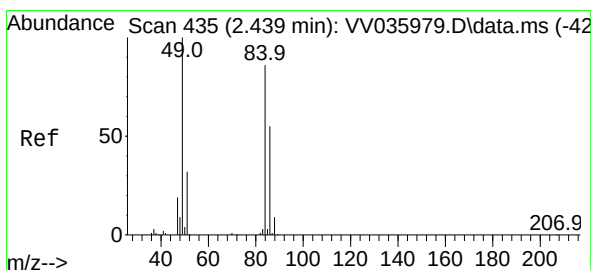
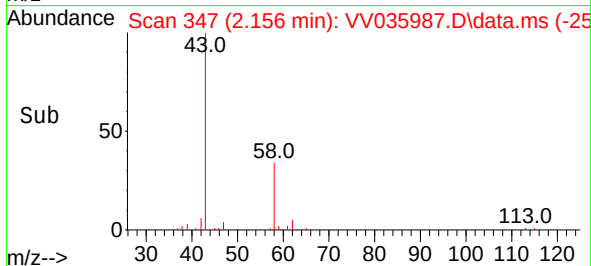
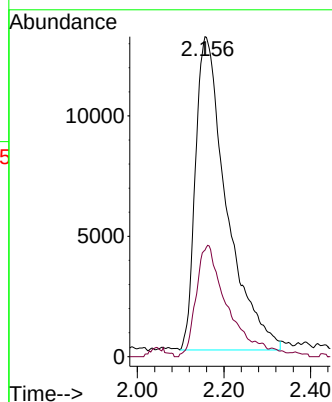
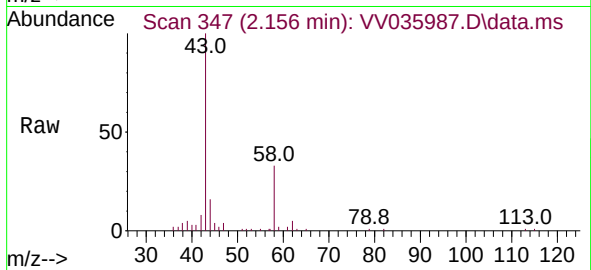
ClientSampleId :

Tgt Ion: 43 Resp: 64926

Ion Ratio Lower Upper

43 100

58 33.4 0.0 24.2#



#16

Methylene chloride

Concen: 3.092 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

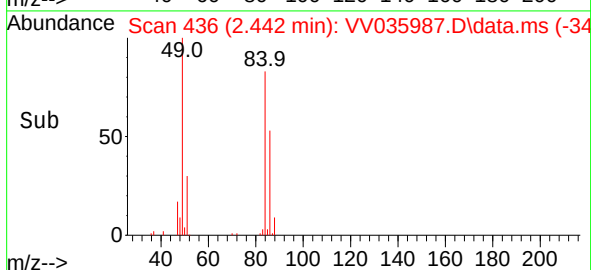
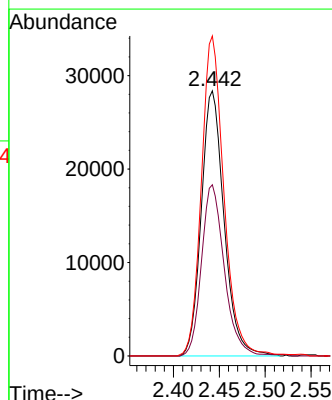
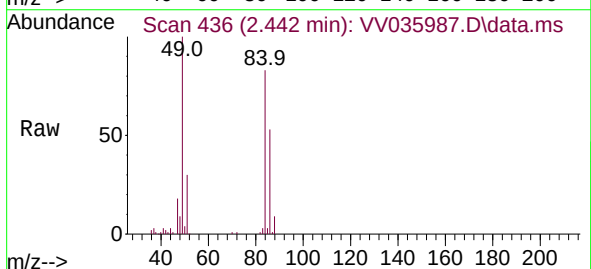
Tgt Ion: 84 Resp: 49075

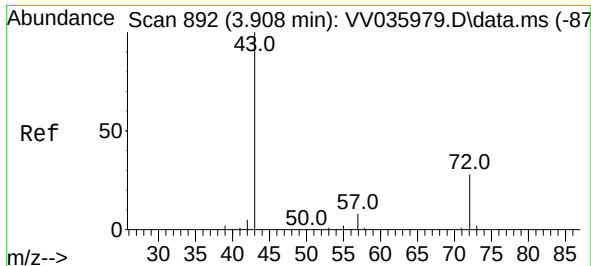
Ion Ratio Lower Upper

84 100

86 64.6 44.6 82.8

49 120.7 81.1 150.5





#22

2-Butanone

Concen: 2.241 ug/L

RT: 3.941 min Scan# 90

Delta R.T. 0.032 min

Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

Instrument :

MSVOA_V

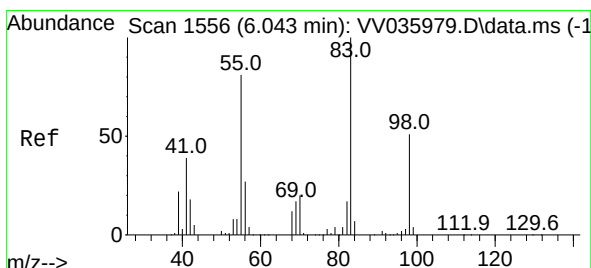
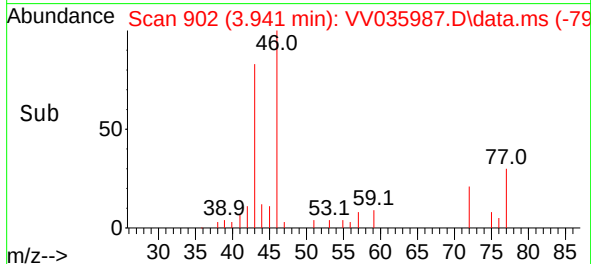
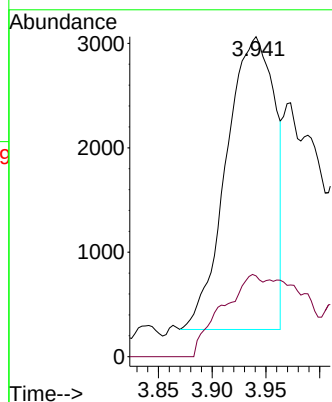
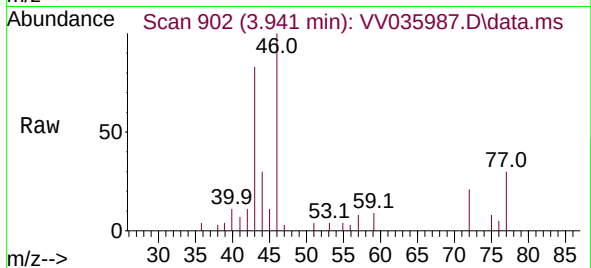
ClientSampleId :

Tgt Ion: 43 Resp: 8764

Ion Ratio Lower Upper

43 100

72 23.0 8.2 24.4



#35

Methylcyclohexane

Concen: 3.257 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

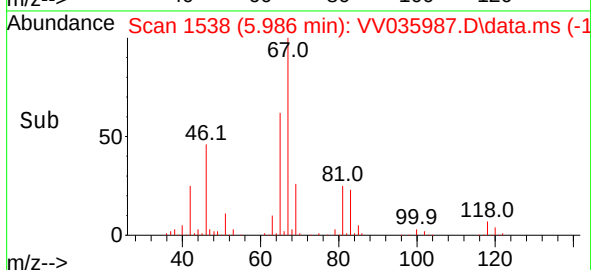
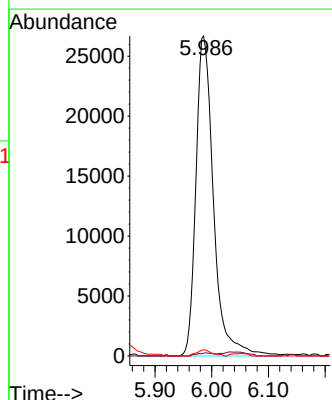
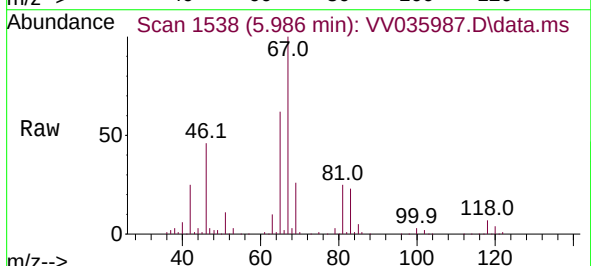
Tgt Ion: 83 Resp: 57579

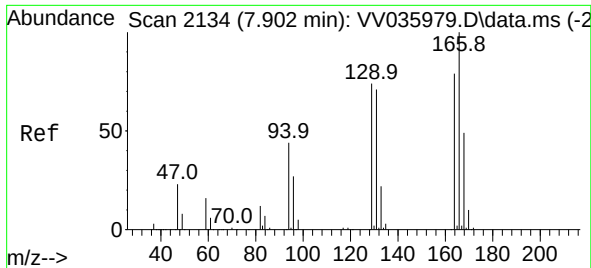
Ion Ratio Lower Upper

83 100

55 0.2 60.7 91.1#

98 1.6 38.7 58.1#





#46

Tetrachloroethene

Concen: 1.356 ug/L

RT: 7.908 min Scan# 2134

Delta R.T. 0.007 min

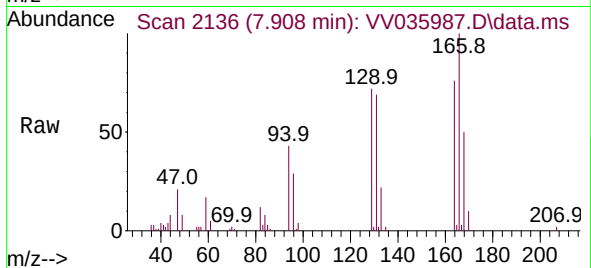
Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 12679

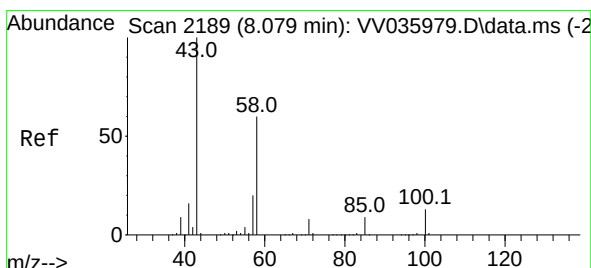
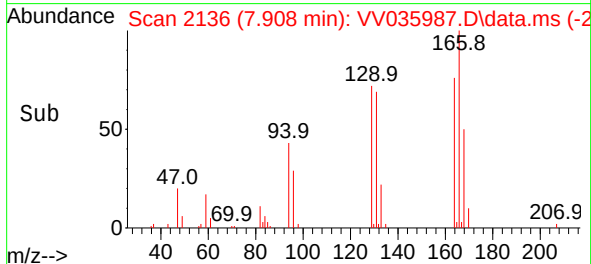
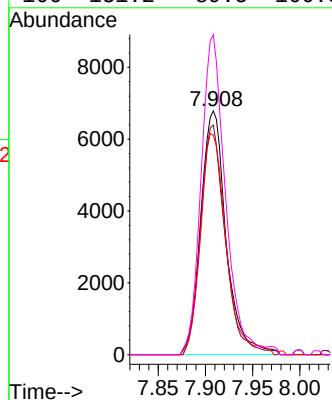
Ion Ratio Lower Upper

164 100

129 94.1 64.6 120.0

131 90.0 63.2 117.4

166 131.2 89.5 166.3



#48

2-Hexanone

Concen: 1.584 ug/L

RT: 8.031 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

Tgt Ion: 43 Resp: 7369

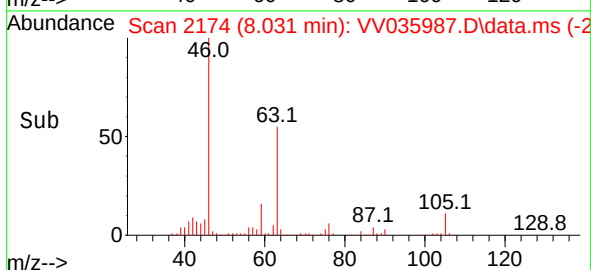
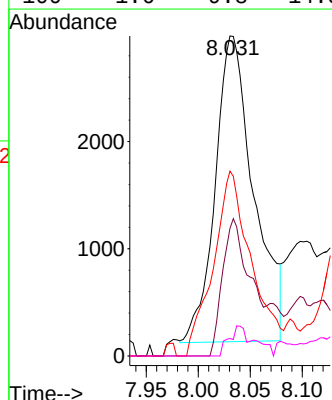
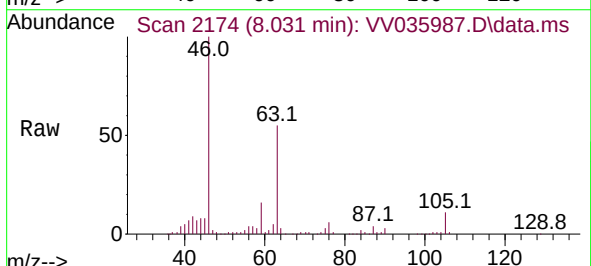
Ion Ratio Lower Upper

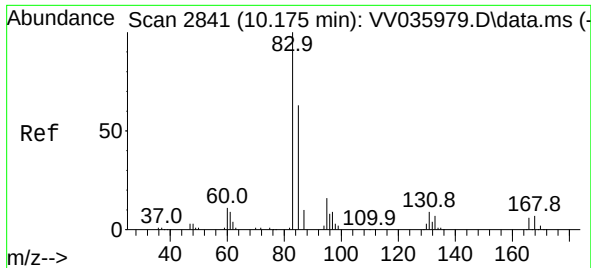
43 100

58 0.0 45.4 68.0#

57 60.1 15.8 23.8#

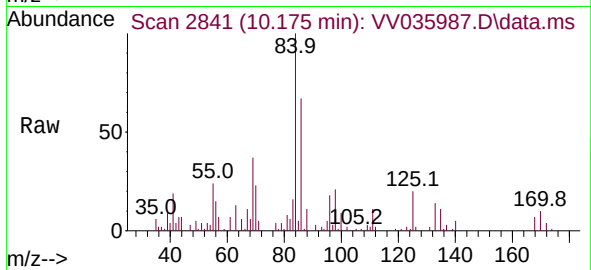
100 1.6 9.8 14.8#





#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.456 ug/L
 RT: 10.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035987.D
 Acq: 06 Jun 2024 15:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	83	Resp:	3702
Ion	Ratio	Lower	Upper
83	100		
85	32.7	45.1	83.7#
131	10.8	7.6	11.4

