

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
 Data File : VV033806.D
 Acq On : 22 Jan 2024 16:35
 Operator : SY/MD
 Sample : P1190-23
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:45:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

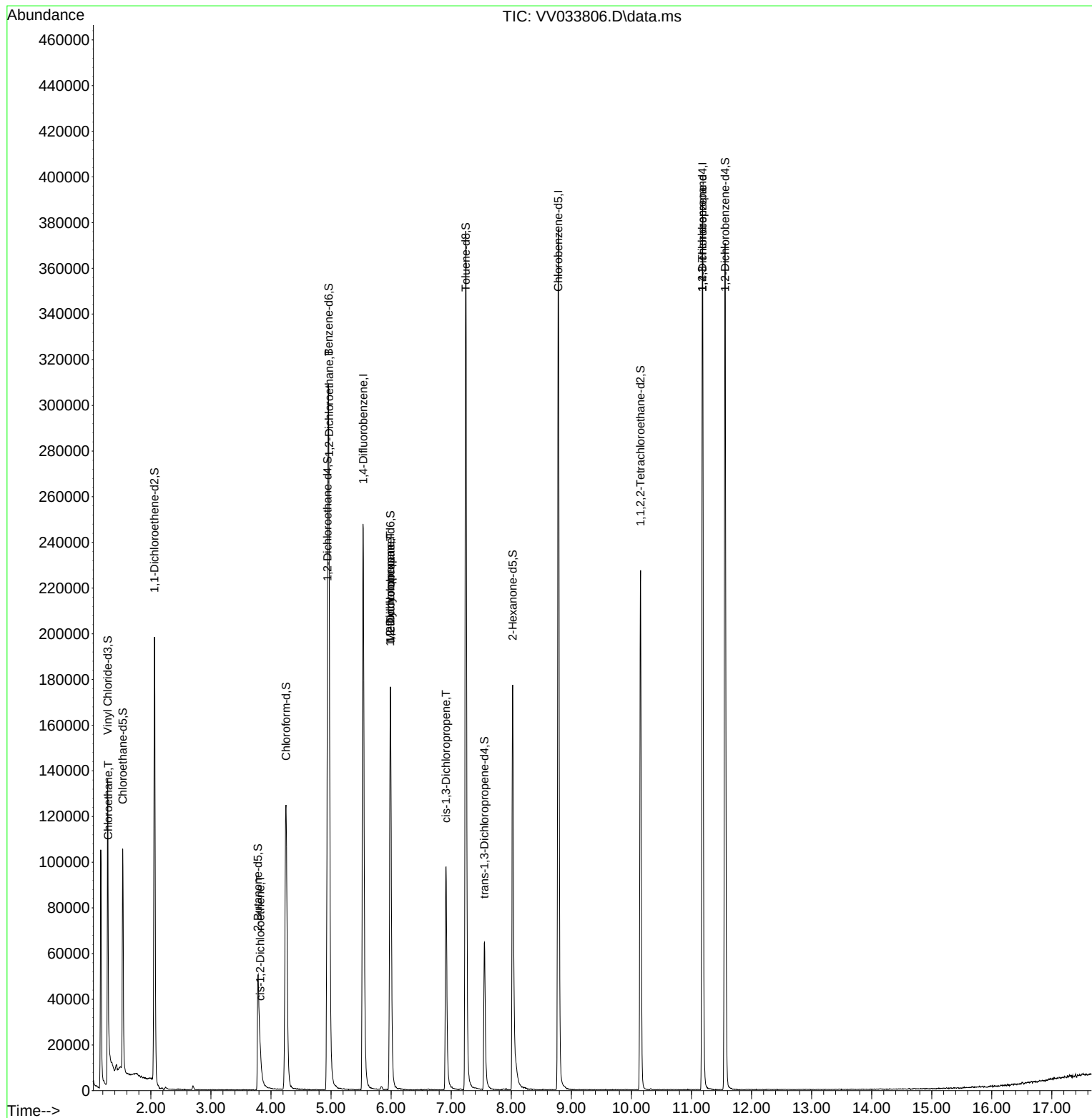
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	213153	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	198915	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	96259	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	71490	43.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.280%
7) Chloroethane-d5	1.532	69	60155	46.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.740%
11) 1,1-Dichloroethene-d2	2.060	65	34088	48.350	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
21) 2-Butanone-d5	3.783	46	81295	72.350	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.350%
24) Chloroform-d	4.249	84	133847	45.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	4.941	65	92493	48.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
32) Benzene-d6	4.960	84	268968	47.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	5.989	67	84607	45.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.900%
41) Toluene-d8	7.243	98	245159	48.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.240%
43) trans-1,3-Dichloroprop...	7.551	79	39352	42.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
47) 2-Hexanone-d5	8.024	63	61893	80.159	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	105418	44.361	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	93983	51.461	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
Target Compounds						
8) Chloroethane	1.288	64	35766	31.094	ug/L #	63
20) cis-1,2-Dichloroethene	3.822	96	3483	2.190	ug/L	90
27) 1,2-Dichloroethane	4.966	62	1935	0.836	ug/L #	76
35) Methylcyclohexane	5.989	83	20191	7.528	ug/L #	16
37) 1,2-Dichloropropane	5.986	63	10231	6.364	ug/L #	88
39) cis-1,3-Dichloropropene	6.912	75	2639	0.983	ug/L #	75
61) 1,2,3-Trichloropropane	11.181	75	12030	7.042	ug/L #	66

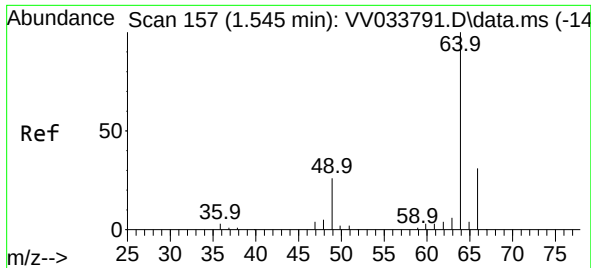
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 31.094 ug/L

RT: 1.288 min Scan# 71

Delta R.T. -0.257 min

Lab File: VV033806.D

Acq: 22 Jan 2024 16:35

Instrument :

MSVOA_V

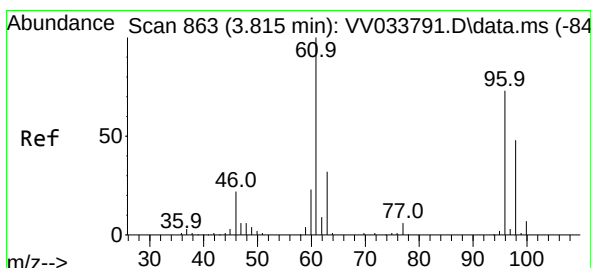
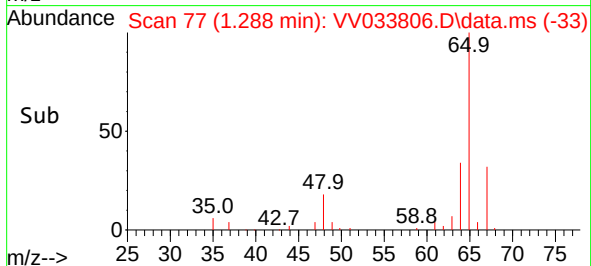
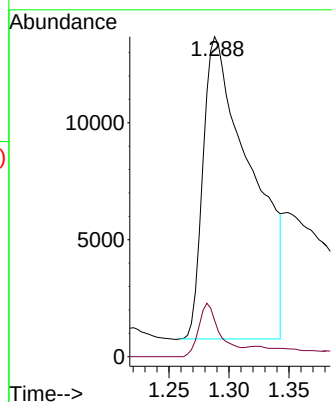
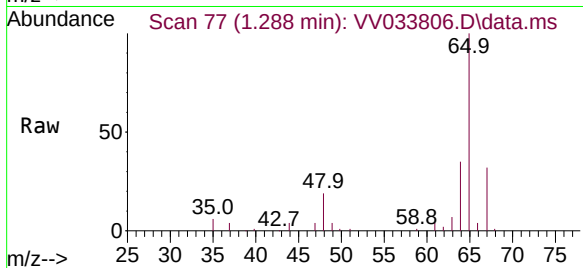
ClientSampleId :

Tgt Ion: 64 Resp: 35766

Ion Ratio Lower Upper

64 100

66 11.4 22.5 41.9#



#20

cis-1,2-Dichloroethene

Concen: 2.190 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.006 min

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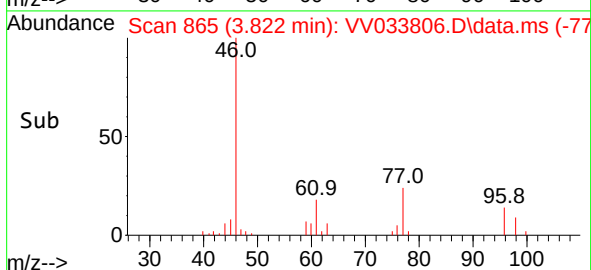
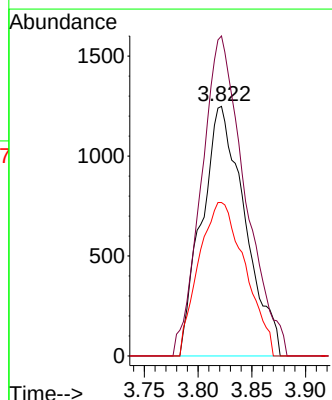
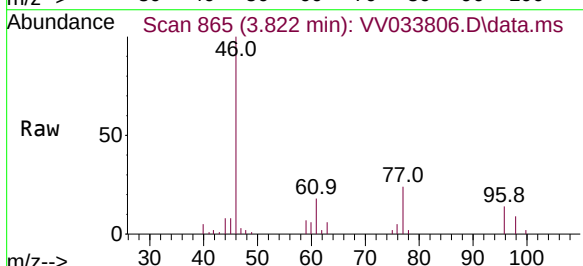
Tgt Ion: 96 Resp: 3483

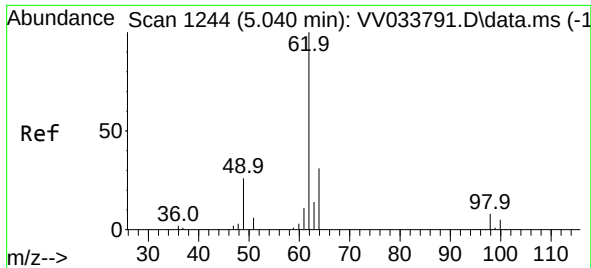
Ion Ratio Lower Upper

96 100

61 128.2 100.6 186.8

98 61.5 44.6 82.8

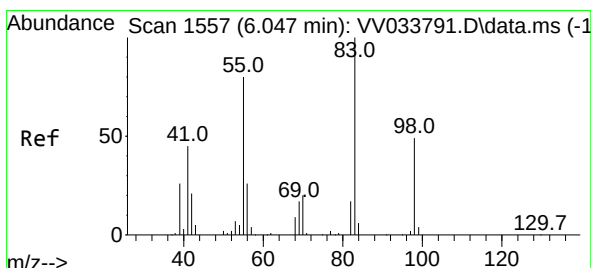
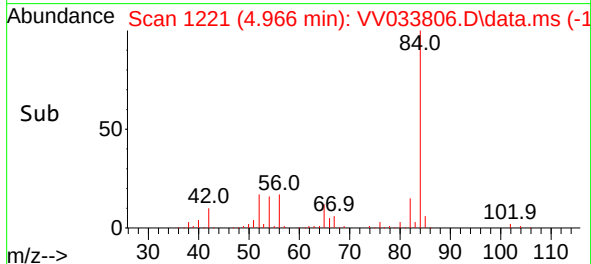
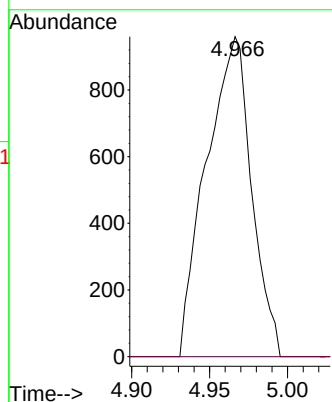
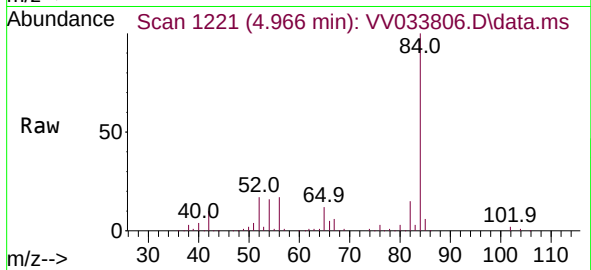




#27
1,2-Dichloroethane
Concen: 0.836 ug/L
RT: 4.966 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV033806.D
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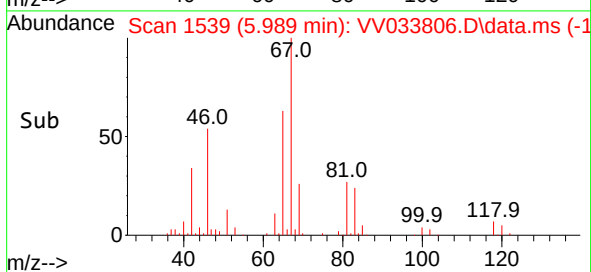
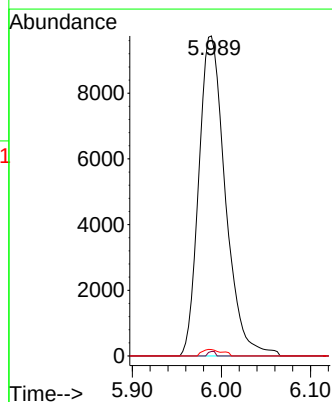
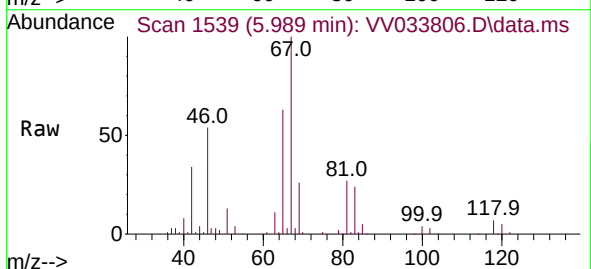
Instrument :
MSVOA_V
ClientSampleId :

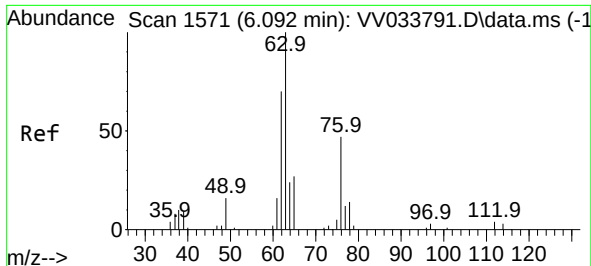
Tgt Ion: 62 Resp: 1935
Ion Ratio Lower Upper
62 100
98 0.0 6.8 10.2#



#35
Methylcyclohexane
Concen: 7.528 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033806.D
Acq: 22 Jan 2024 16:35

Tgt Ion: 83 Resp: 20191
Ion Ratio Lower Upper
83 100
55 0.4 67.1 100.7#
98 1.2 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 6.364 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV033806.D

Acq: 22 Jan 2024 16:35

Instrument :

MSVOA_V

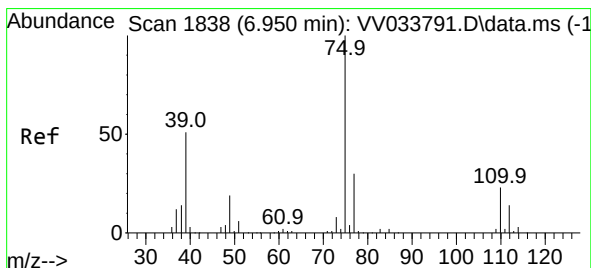
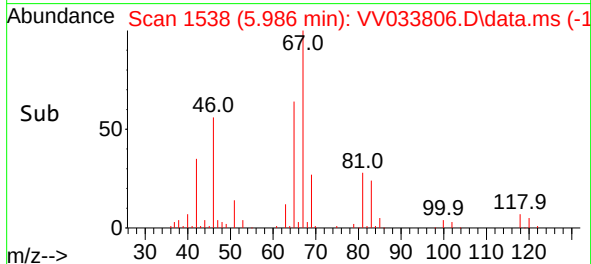
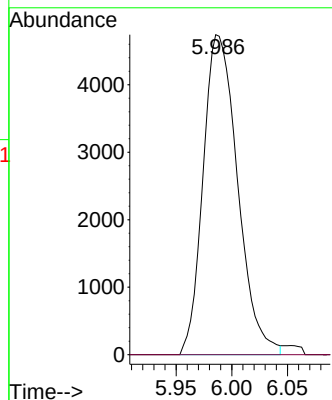
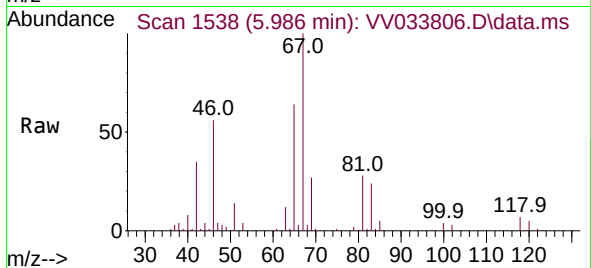
ClientSampleId :

Tgt Ion: 63 Resp: 10231

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.983 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV033806.D

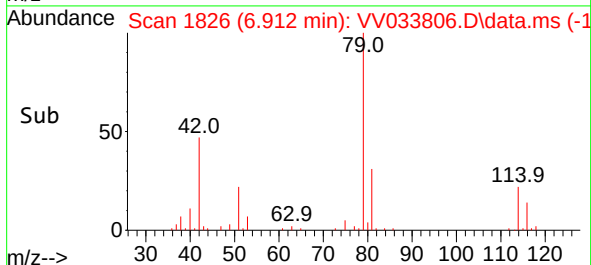
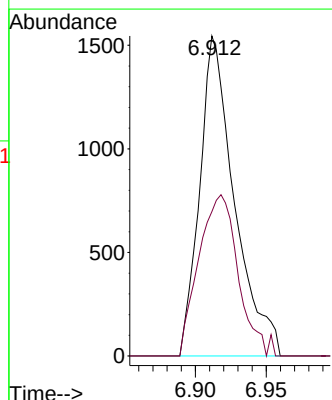
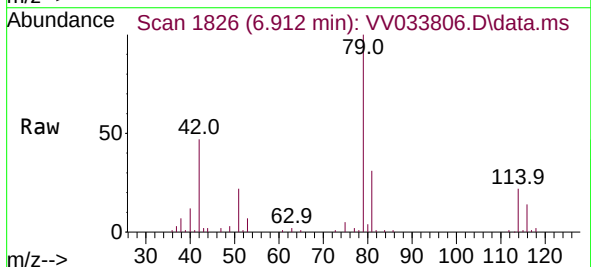
Acq: 22 Jan 2024 16:35

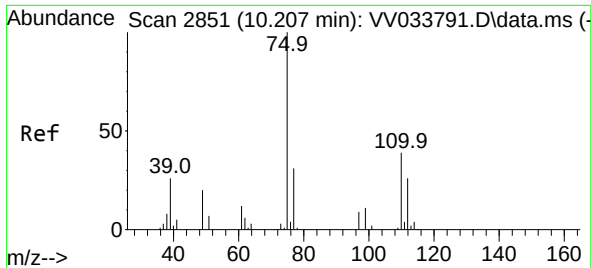
Tgt Ion: 75 Resp: 2639

Ion Ratio Lower Upper

75 100

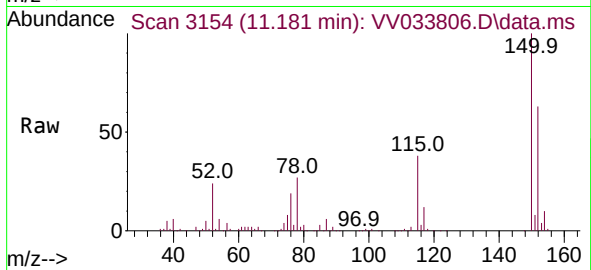
77 45.1 22.0 41.0#





#61
1,2,3-Trichloropropane
Concen: 7.042 ug/L
RT: 11.181 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV033806.D
Acq: 22 Jan 2024 16:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 12030
Ion Ratio Lower Upper
75 100
77 34.7 25.3 37.9
110 2.1 29.5 44.3#

