

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035466.D
 Acq On : 29 Apr 2024 13:21
 Operator : SY/MD
 Sample : P2269-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:11:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

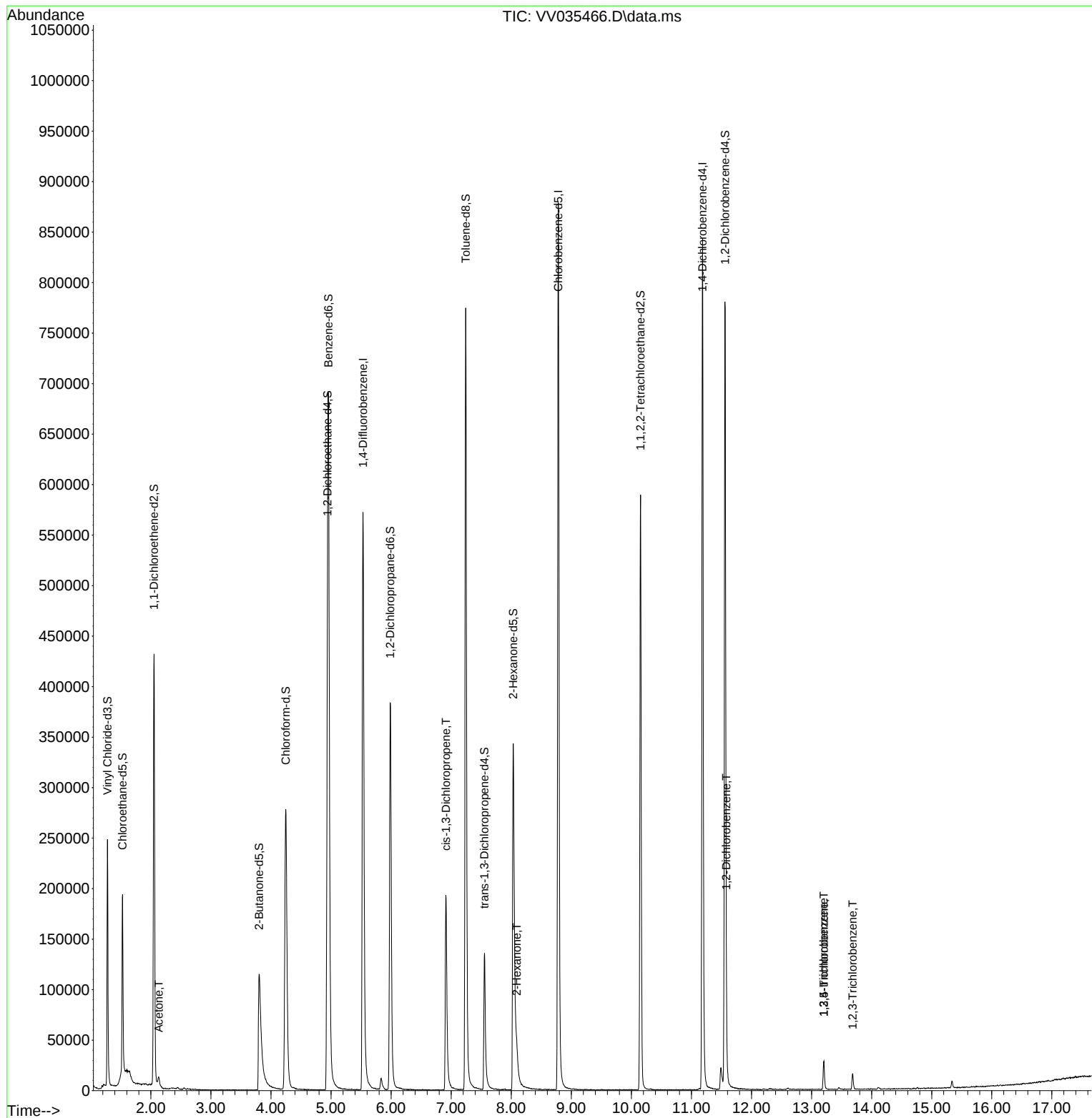
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	522208	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	513838	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	229552	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168678	40.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.380%
7) Chloroethane-d5	1.529	69	111265	46.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.540%
11) 1,1-Dichloroethene-d2	2.053	65	73485	42.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.680%
21) 2-Butanone-d5	3.802	46	235490	109.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.480%
24) Chloroform-d	4.246	84	311895	44.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
26) 1,2-Dichloroethane-d4	4.940	65	194503	47.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
32) Benzene-d6	4.957	84	626404	46.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
36) 1,2-Dichloropropane-d6	5.985	67	198653	47.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	7.243	98	543855	44.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.380%
43) trans-1,3-Dichloroprop...	7.555	79	86851	44.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.120%
47) 2-Hexanone-d5	8.034	63	129136	107.519	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.520%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	294077	49.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	211438	52.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.300%
Target Compounds						
					Qvalue	
13) Acetone	2.130	43	10062	3.937	ug/L	91
39) cis-1,3-Dichloropropene	6.911	75	5259	0.926	ug/L	84
48) 2-Hexanone	8.091	43	25089	6.438	ug/L #	75
67) 1,2-Dichlorobenzene	11.580	146	11401	1.649	ug/L	95
69) 1,3,5-Trichlorobenzene	13.204	180	9456	1.956	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	9456	2.464	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	5480	1.466	ug/L	98

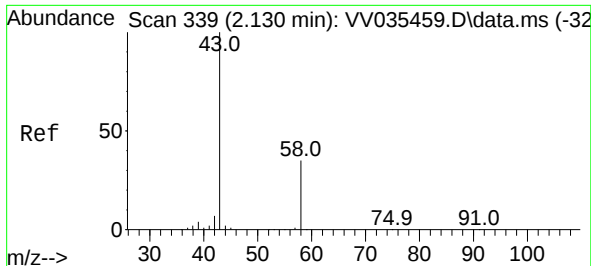
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 30 02:09:05 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.937 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.000 min

Lab File: VV035466.D

Acq: 29 Apr 2024 13:21

Instrument :

MSVOA_V

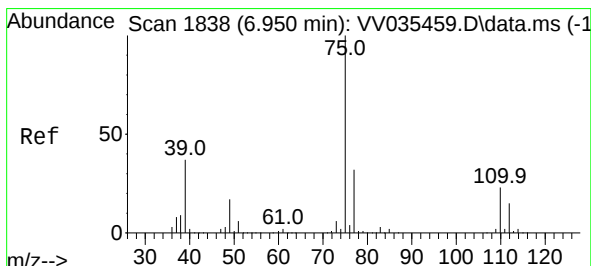
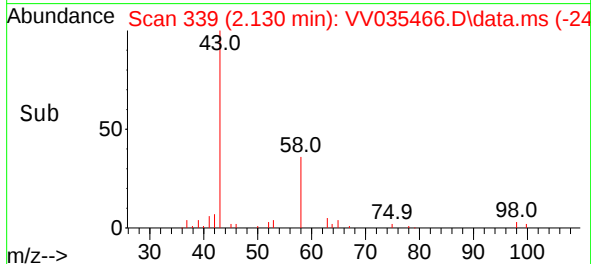
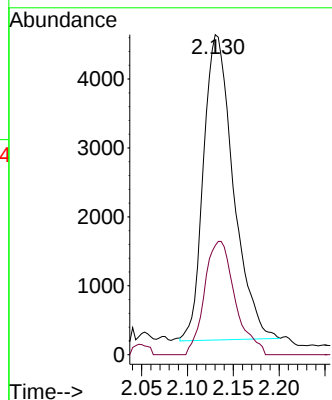
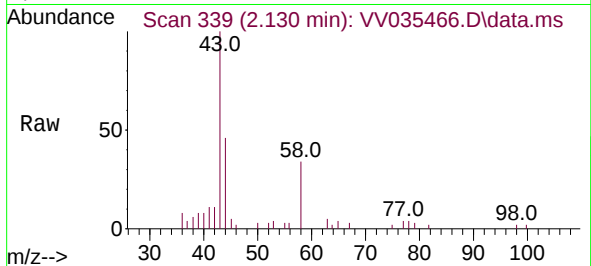
ClientSampleId :

Tgt Ion: 43 Resp: 10062

Ion Ratio Lower Upper

43 100

58 37.8 0.0 65.8



#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV035466.D

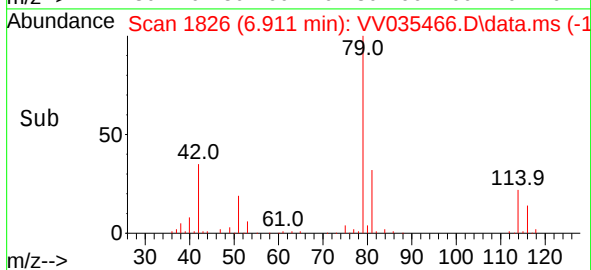
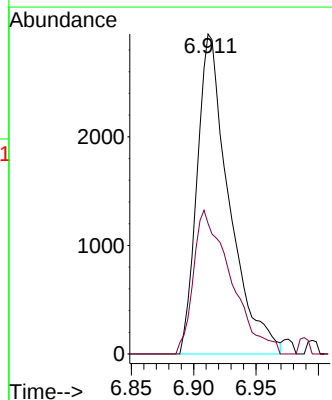
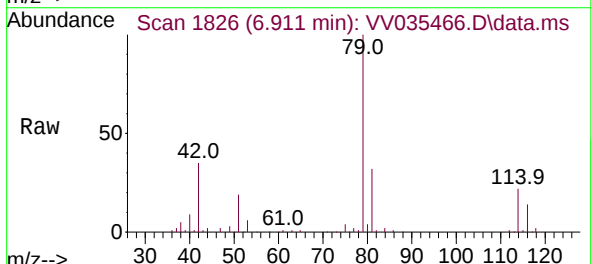
Acq: 29 Apr 2024 13:21

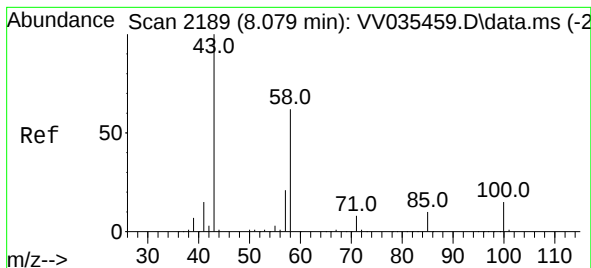
Tgt Ion: 75 Resp: 5259

Ion Ratio Lower Upper

75 100

77 40.8 22.3 41.3





#48

2-Hexanone

Concen: 6.438 ug/L

RT: 8.091 min Scan# 2189

Delta R.T. 0.013 min

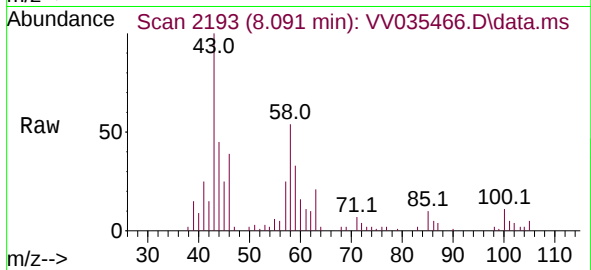
Lab File: VV035466.D

Acq: 29 Apr 2024 13:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 25089

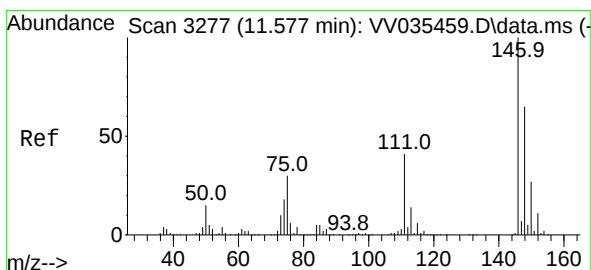
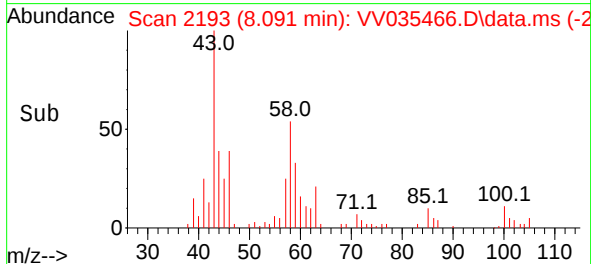
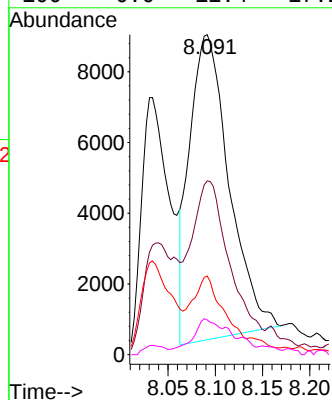
Ion Ratio Lower Upper

43 100

58 39.5 49.4 74.0#

57 12.7 17.1 25.7#

100 6.0 11.4 17.2#



#67

1,2-Dichlorobenzene

Concen: 1.649 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV035466.D

Acq: 29 Apr 2024 13:21

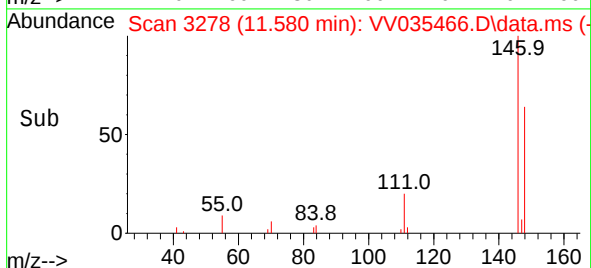
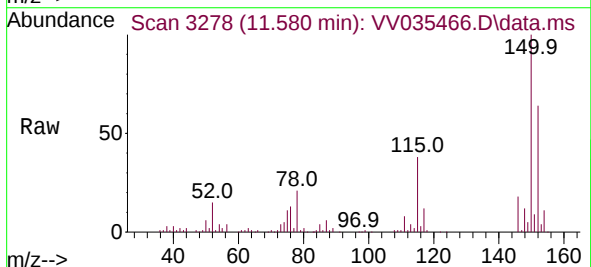
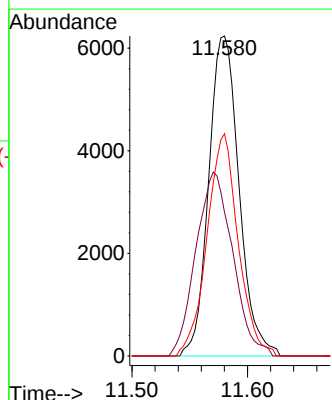
Tgt Ion: 146 Resp: 11401

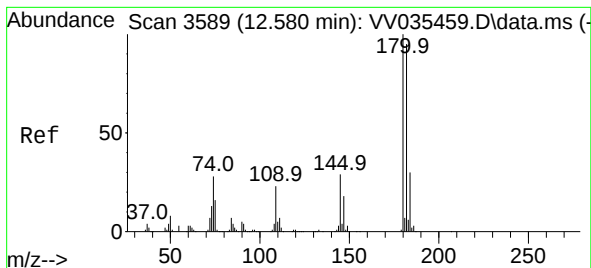
Ion Ratio Lower Upper

146 100

111 44.9 33.3 49.9

148 69.4 52.2 78.2





#69

1,3,5-Trichlorobenzene

Concen: 1.956 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.624 min

Lab File: VV035466.D

Acq: 29 Apr 2024 13:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 9456

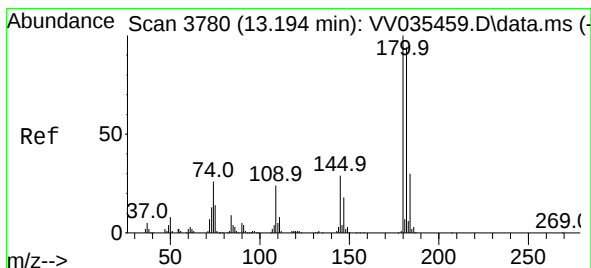
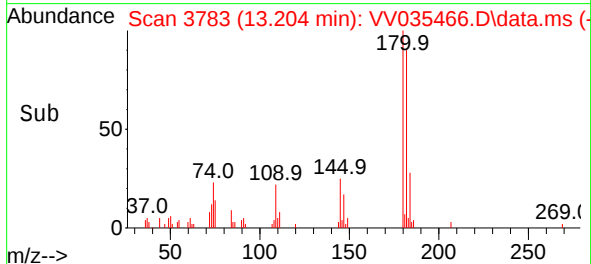
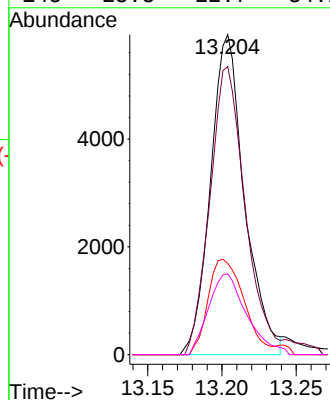
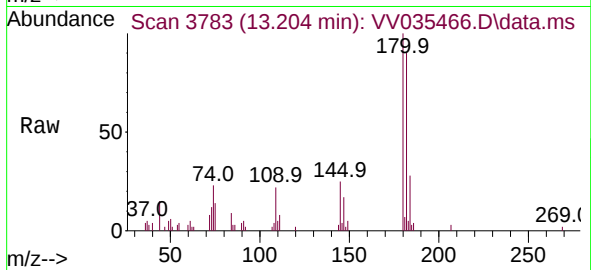
Ion Ratio Lower Upper

180 100

182 93.1 76.2 114.2

184 31.8 23.8 35.6

145 28.3 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 2.464 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035466.D

Acq: 29 Apr 2024 13:21

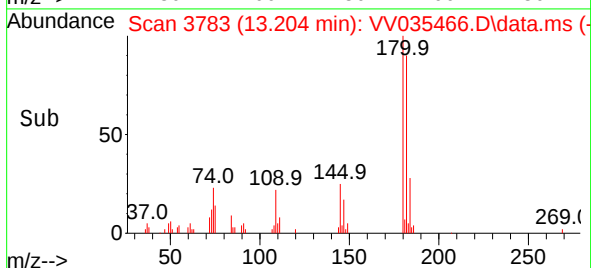
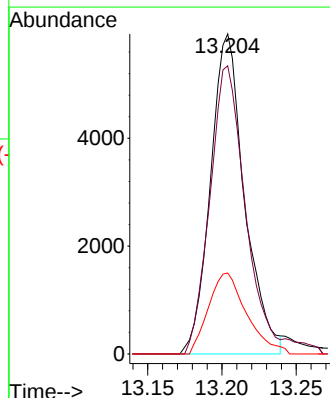
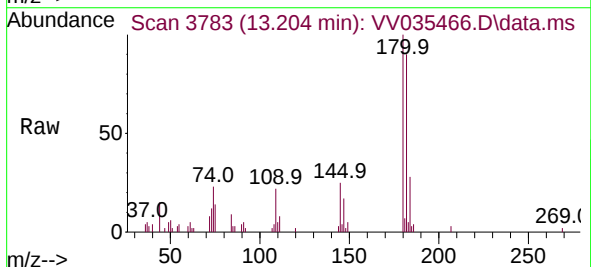
Tgt Ion:180 Resp: 9456

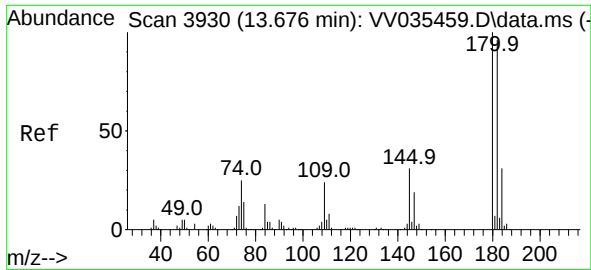
Ion Ratio Lower Upper

180 100

182 93.1 75.1 112.7

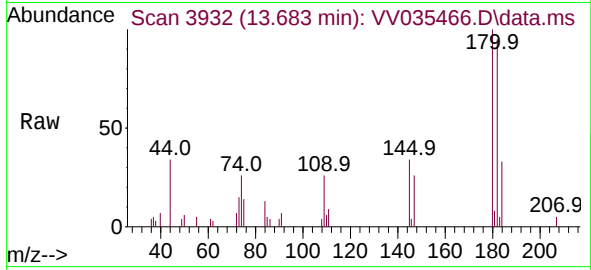
145 28.3 23.2 34.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.466 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035466.D
 Acq: 29 Apr 2024 13:21

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	5480
Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.6	115.0
145	29.3	24.7	37.1

