

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035477.D
 Acq On : 29 Apr 2024 17:45
 Operator : SY/MD
 Sample : P2279-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:14:10 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)

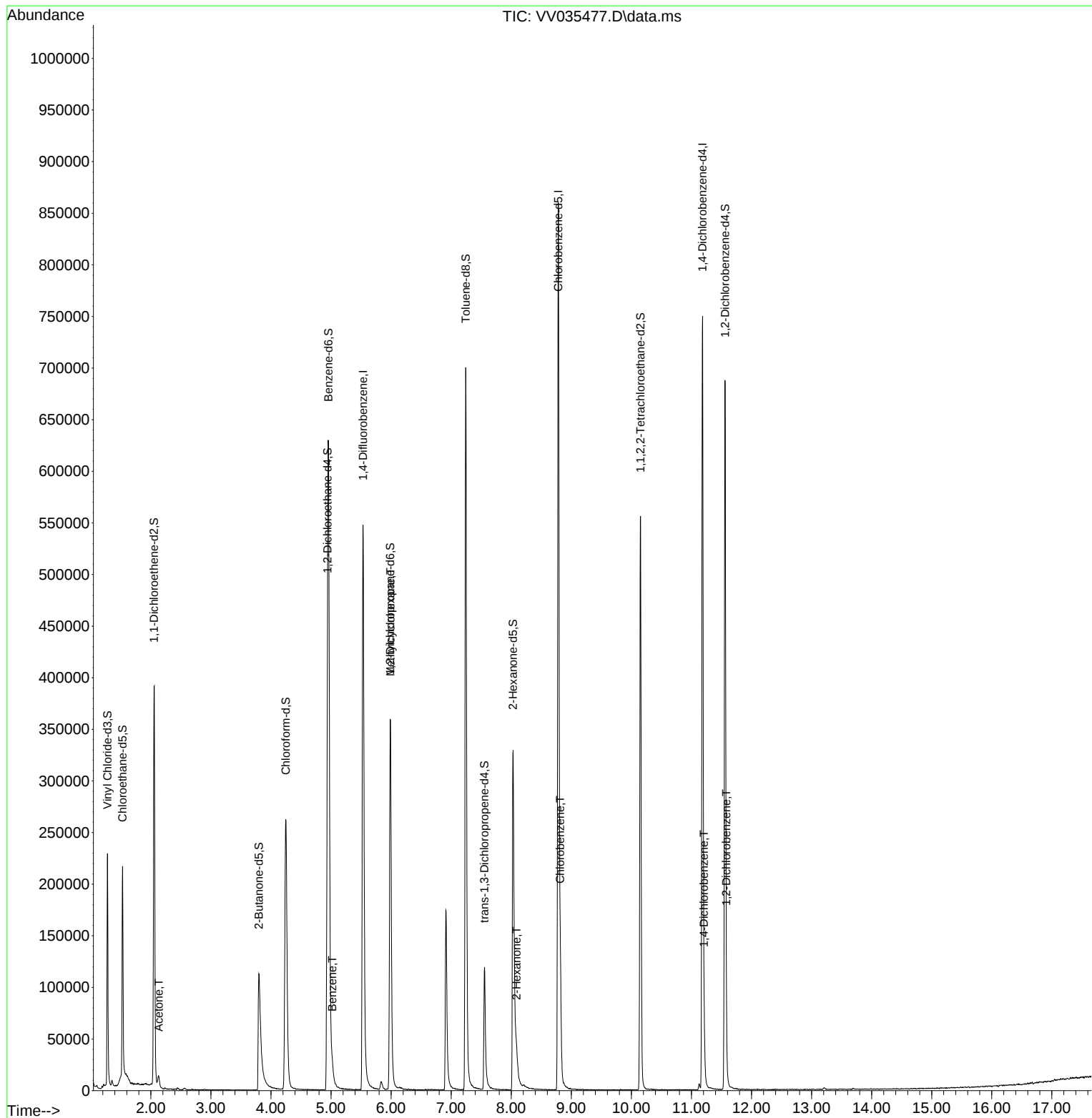
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	497801	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	487419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	206618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	151716	37.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.840%
7) Chloroethane-d5	1.529	69	128535	56.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.160%
11) 1,1-Dichloroethene-d2	2.053	65	67515	41.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.580%
21) 2-Butanone-d5	3.799	46	212600	103.689	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.690%
24) Chloroform-d	4.246	84	293498	43.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.940	65	181756	46.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
32) Benzene-d6	4.957	84	576903	45.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	5.985	67	187660	47.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	7.243	98	484450	41.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.920%
43) trans-1,3-Dichloroprop...	7.555	79	80178	43.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.740%
47) 2-Hexanone-d5	8.027	63	115578	101.447	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.450%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	272694	48.412	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.820%
66) 1,2-Dichlorobenzene-d4	11.561	152	187384	51.836	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
Target Compounds						
					Qvalue	
13) Acetone	2.130	43	11752	4.823	ug/L	99
33) Benzene	5.018	78	21982	1.685	ug/L	100
35) Methylcyclohexane	5.989	83	44591	8.712	ug/L #	20
48) 2-Hexanone	8.088	43	22495	6.085	ug/L #	67
51) Chlorobenzene	8.815	112	75779	7.863	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	18084	2.808	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	9071	1.458	ug/L	94

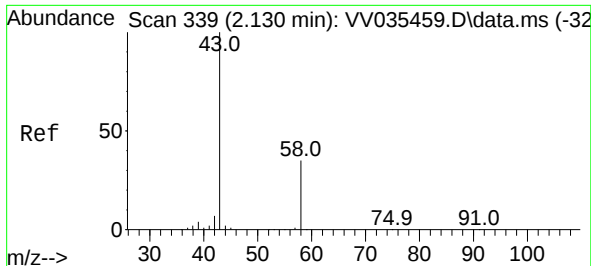
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 4.823 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.000 min

Lab File: VV035477.D

Acq: 29 Apr 2024 17:45

Instrument :

MSVOA_V

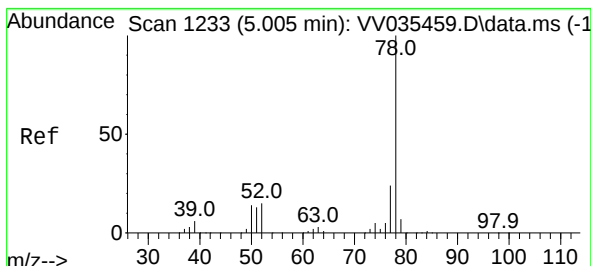
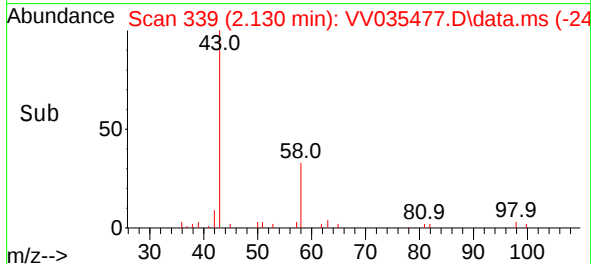
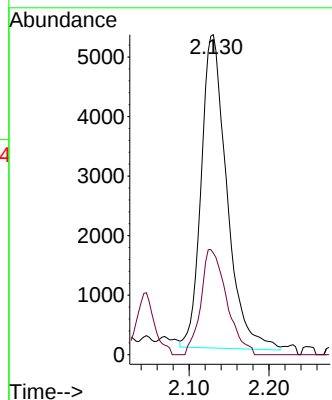
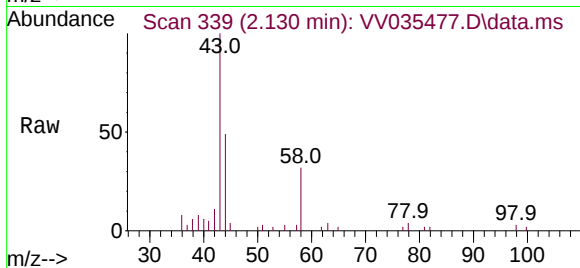
ClientSampleId :

Tgt Ion: 43 Resp: 11752

Ion Ratio Lower Upper

43 100

58 33.7 0.0 65.8



#33

Benzene

Concen: 1.685 ug/L

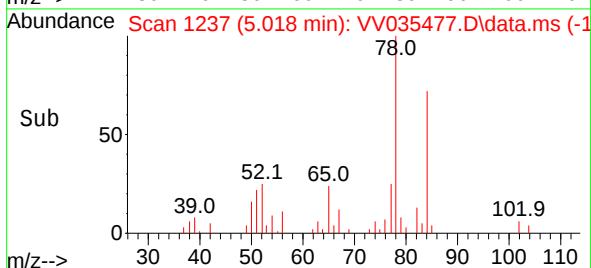
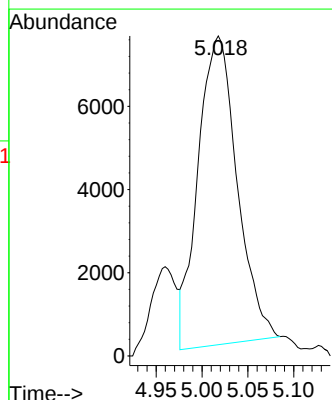
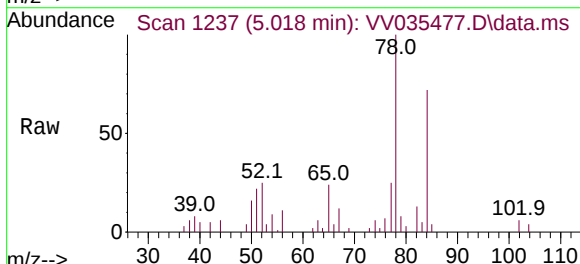
RT: 5.018 min Scan# 1237

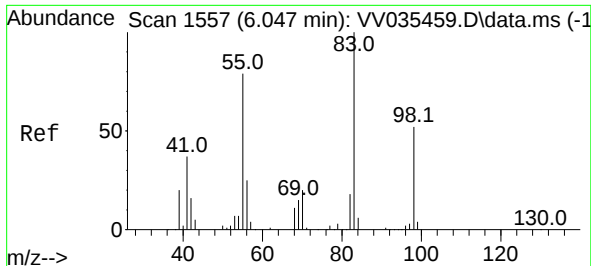
Delta R.T. 0.013 min

Lab File: VV035477.D

Acq: 29 Apr 2024 17:45

Tgt Ion: 78 Resp: 21982





#35

Methylcyclohexane

Concen: 8.712 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV035477.D

Acq: 29 Apr 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

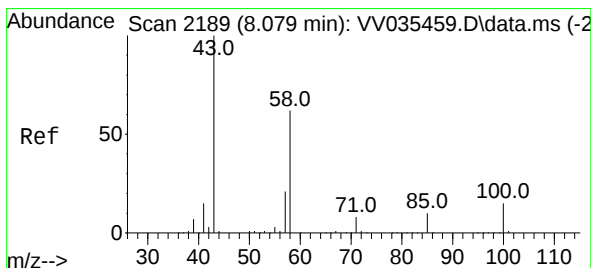
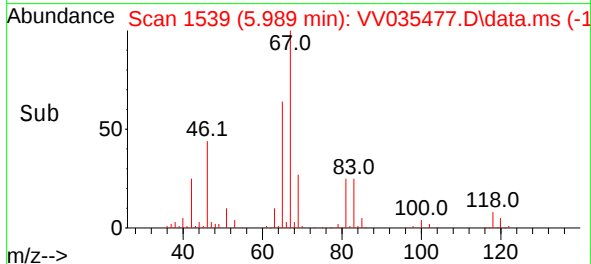
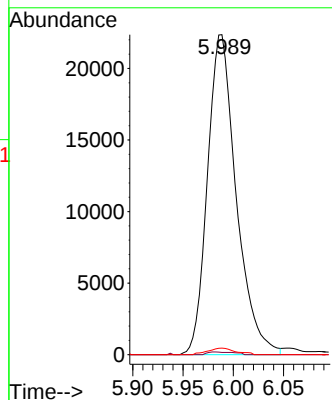
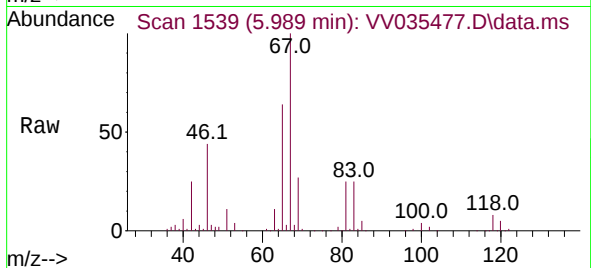
Tgt Ion: 83 Resp: 44591

Ion Ratio Lower Upper

83 100

55 0.5 59.7 89.5#

98 1.9 39.0 58.6#



#48

2-Hexanone

Concen: 6.085 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV035477.D

Acq: 29 Apr 2024 17:45

Tgt Ion: 43 Resp: 22495

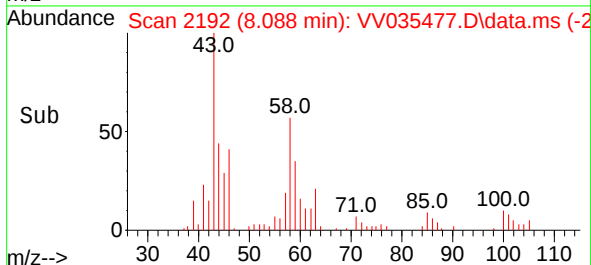
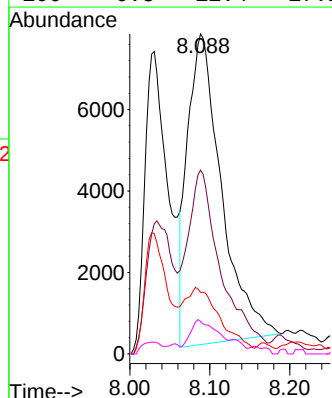
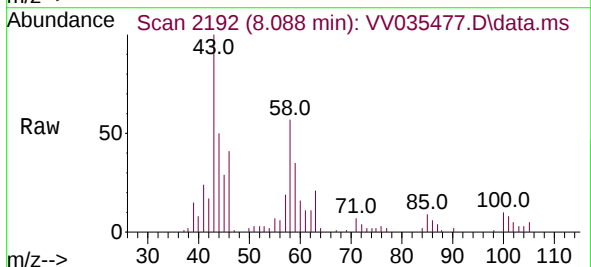
Ion Ratio Lower Upper

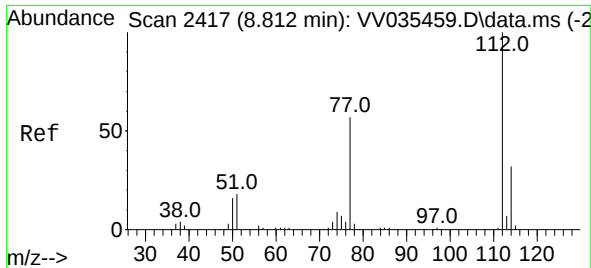
43 100

58 37.5 49.4 74.0#

57 0.0 17.1 25.7#

100 6.3 11.4 17.2#





#51

Chlorobenzene

Concen: 7.863 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035477.D

Acq: 29 Apr 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

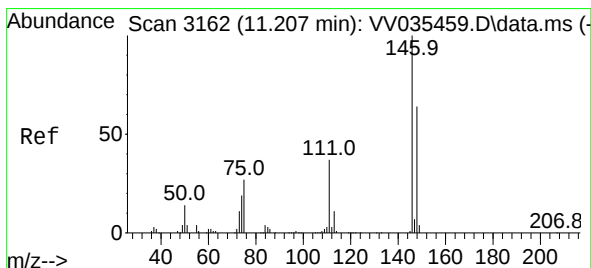
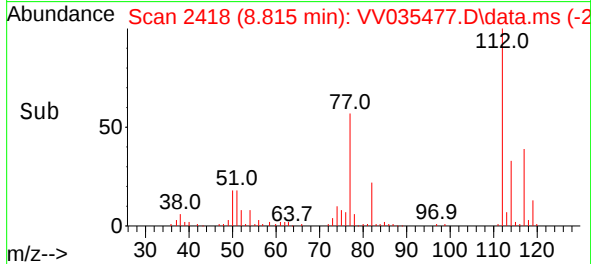
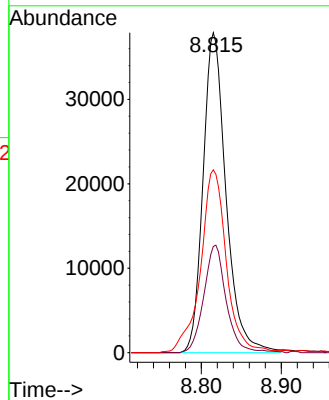
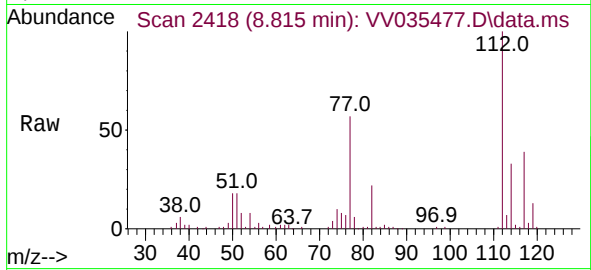
Tgt Ion:112 Resp: 75779

Ion Ratio Lower Upper

112 100

114 33.2 22.4 41.6

77 57.2 45.6 68.4



#65

1,4-Dichlorobenzene

Concen: 2.808 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035477.D

Acq: 29 Apr 2024 17:45

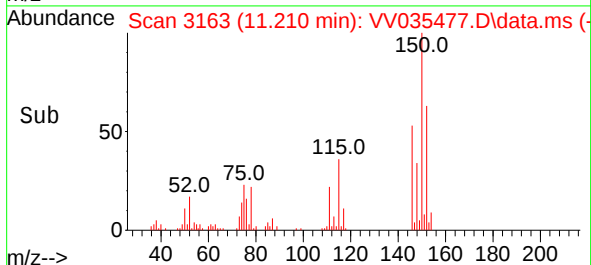
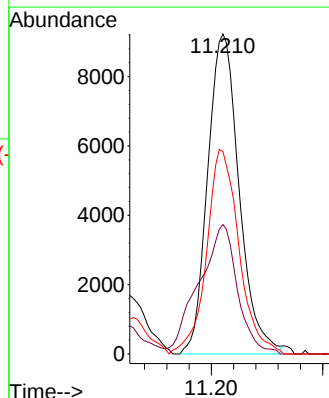
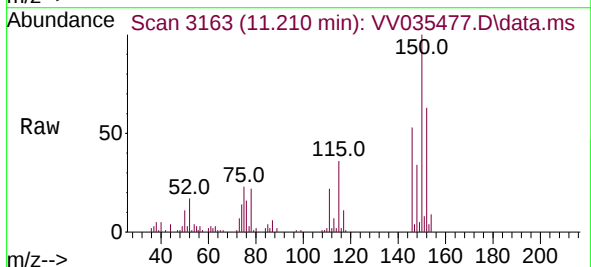
Tgt Ion:146 Resp: 18084

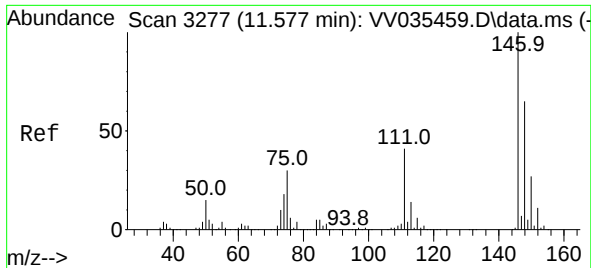
Ion Ratio Lower Upper

146 100

111 40.4 26.5 49.1

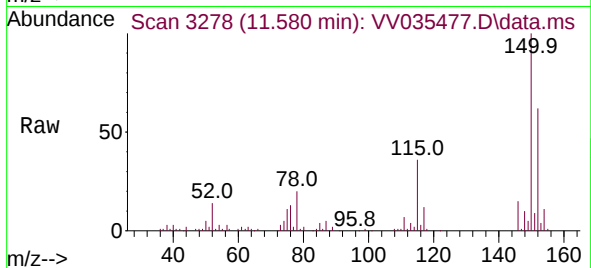
148 63.3 45.0 83.6





#67
 1,2-Dichlorobenzene
 Concen: 1.458 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV035477.D
 Acq: 29 Apr 2024 17:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	146	Resp:	9071
Ion	Ratio	Lower	Upper
146	100		
111	44.9	33.3	49.9
148	70.5	52.2	78.2

