

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VW033456.D
 Acq On : 18 Dec 2023 14:42
 Operator : SY/MD
 Sample : 05807-03 50X
 Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:13:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

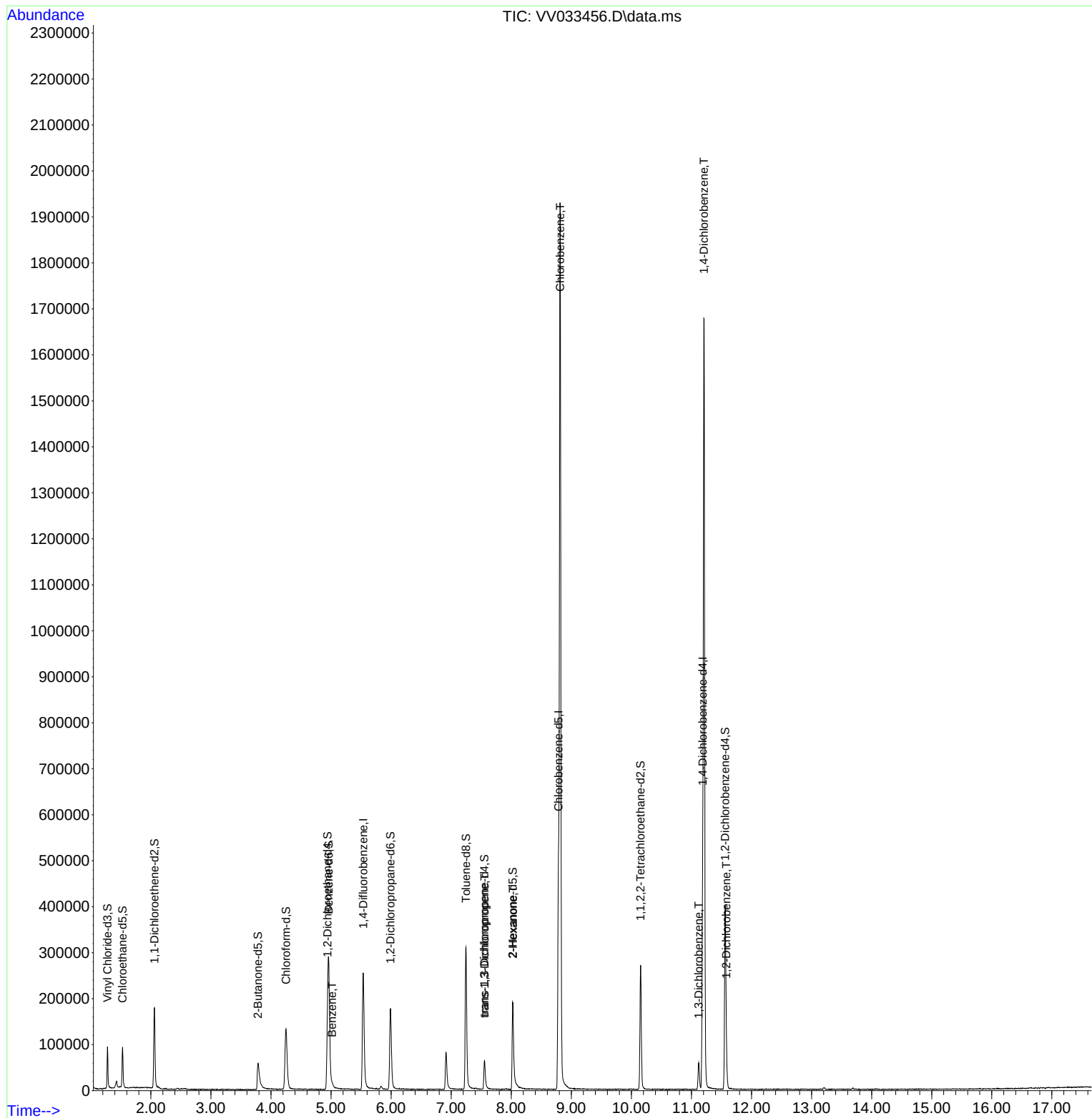
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	217375	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	233661	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	106919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56787	33.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.840%
7) Chloroethane-d5	1.529	69	57450	38.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.480%
11) 1,1-Dichloroethene-d2	2.060	65	29486	35.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.760%
21) 2-Butanone-d5	3.783	46	90146	106.850	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.850%
24) Chloroform-d	4.249	84	140348	42.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	4.941	65	91515	44.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
32) Benzene-d6	4.960	84	246753	39.209	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.420%
36) 1,2-Dichloropropane-d6	5.989	67	80538	42.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.340%
41) Toluene-d8	7.246	98	201538	34.999	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.000%#
43) trans-1,3-Dichloroprop...	7.555	79	34810	37.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.380%
47) 2-Hexanone-d5	8.024	63	58847	91.602	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	125883	45.856	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	96141	47.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
Target Compounds						
					Qvalue	
33) Benzene	5.015	78	8693	1.396	ug/L	100
44) trans-1,3-Dichloropropene	7.558	75	1993	0.808	ug/L	87
48) 2-Hexanone	8.027	43	8798	5.852	ug/L #	72
51) Chlorobenzene	8.815	112	969645	203.829	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	22524	7.138	ug/L	92
65) 1,4-Dichlorobenzene	11.210	146	600729	176.880	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	19508	5.939	ug/L	98

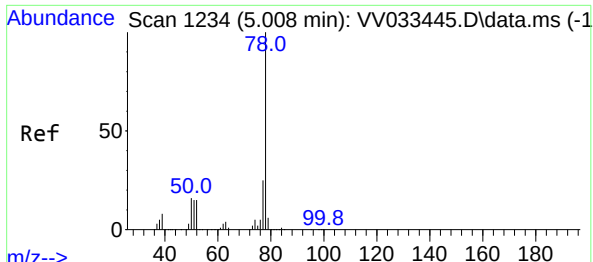
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration





#33

Benzene

Concen: 1.396 ug/L

RT: 5.015 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033456.D

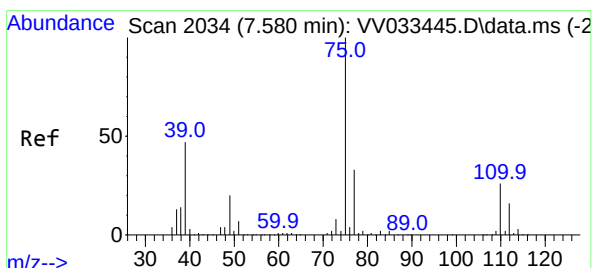
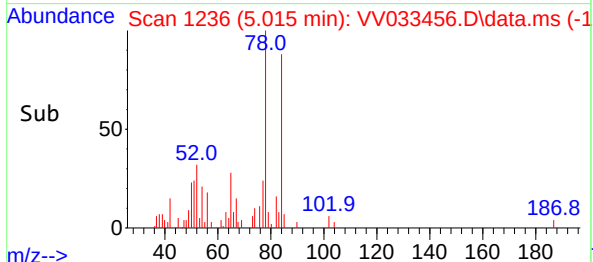
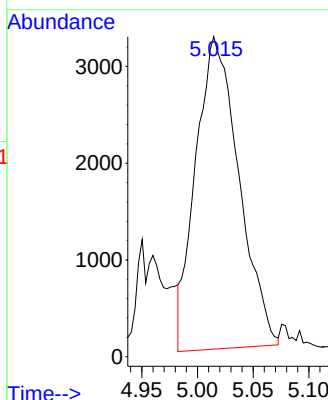
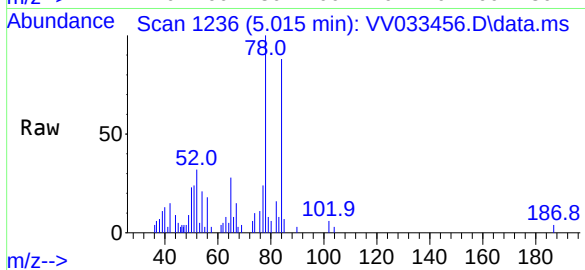
Acq: 18 Dec 2023 14:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 8693



#44

trans-1,3-Dichloropropene

Concen: 0.808 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.022 min

Lab File: VV033456.D

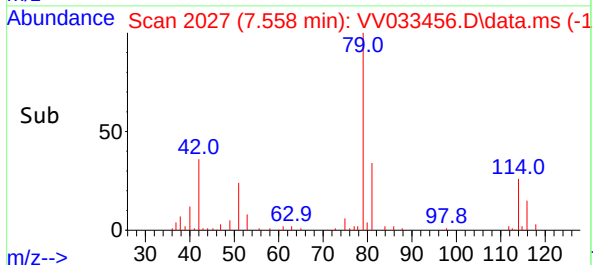
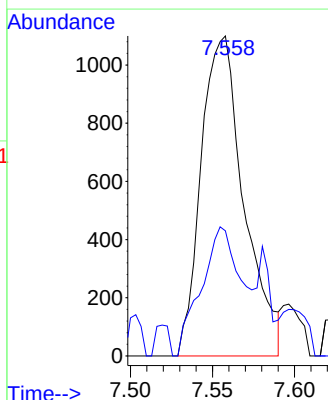
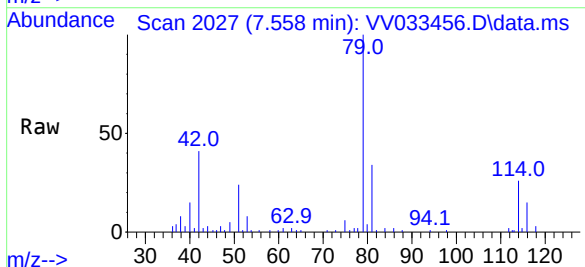
Acq: 18 Dec 2023 14:42

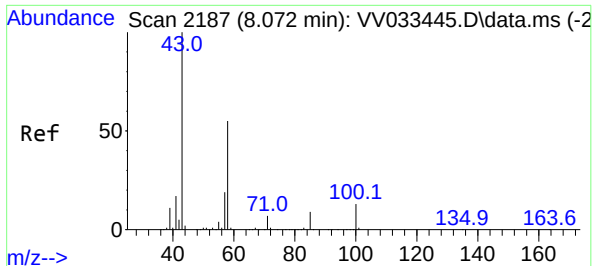
Tgt Ion: 75 Resp: 1993

Ion Ratio Lower Upper

75 100

77 39.1 22.4 41.6





#48

2-Hexanone

Concen: 5.852 ug/L

RT: 8.027 min Scan# 2187

Delta R.T. -0.048 min

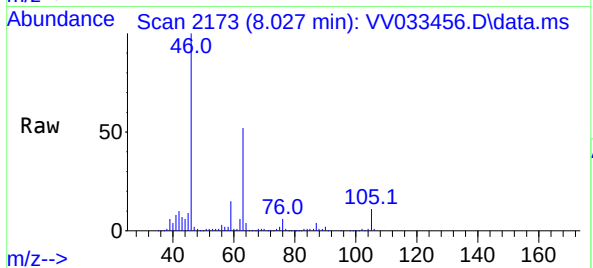
Lab File: VV033456.D

Acq: 18 Dec 2023 14:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 8798

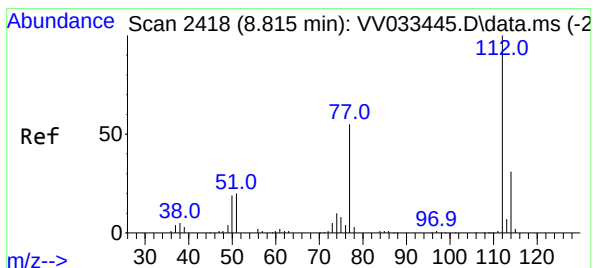
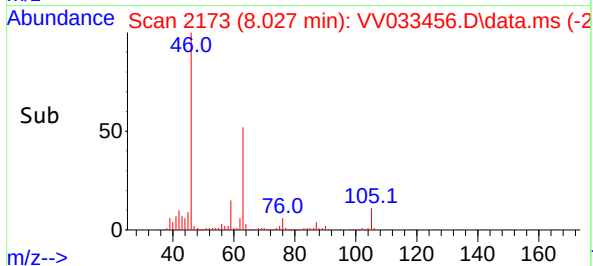
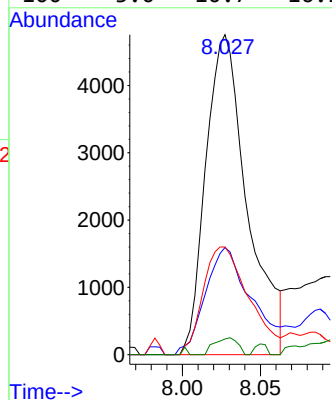
Ion Ratio Lower Upper

43 100

58 37.1 43.0 64.6#

57 37.2 14.7 22.1#

100 3.0 10.7 16.1#



#51

Chlorobenzene

Concen: 203.829 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV033456.D

Acq: 18 Dec 2023 14:42

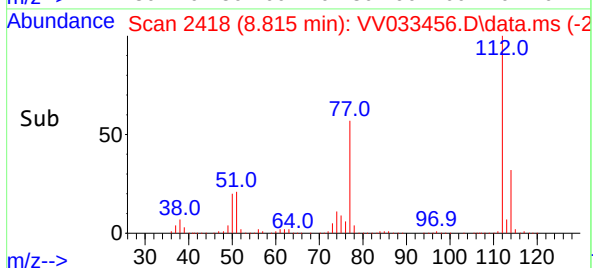
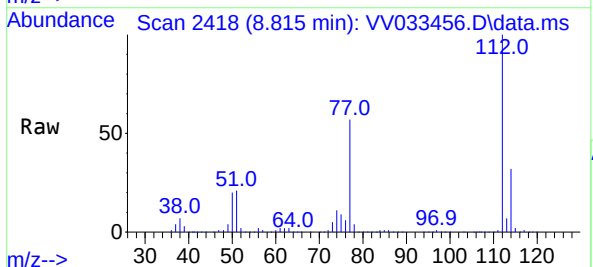
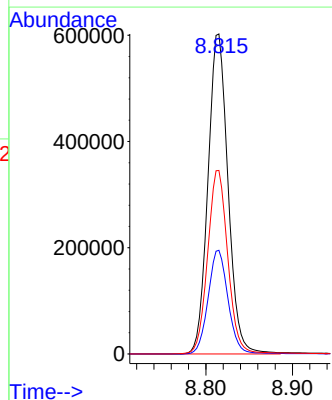
Tgt Ion: 112 Resp: 969645

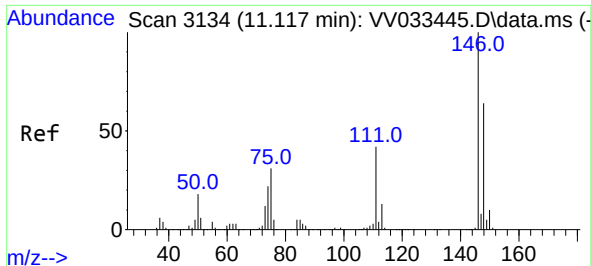
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.7

77 57.3 45.2 67.8

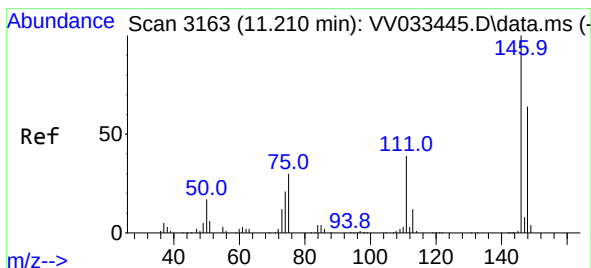
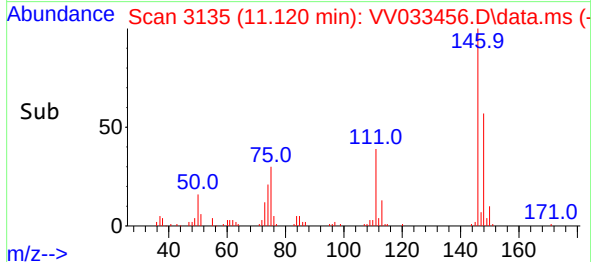
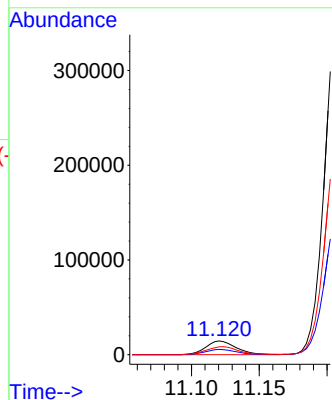
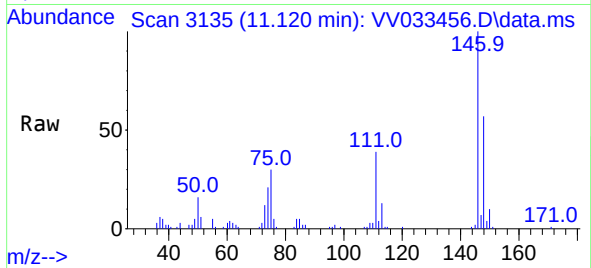




#64
1,3-Dichlorobenzene
Concen: 7.138 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033456.D
Acq: 18 Dec 2023 14:42

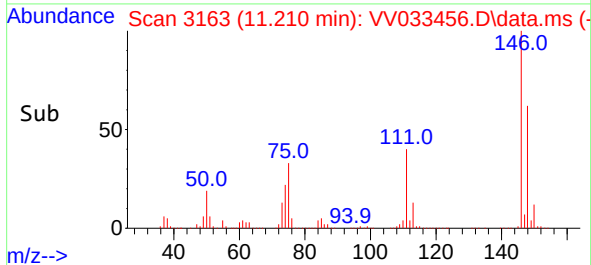
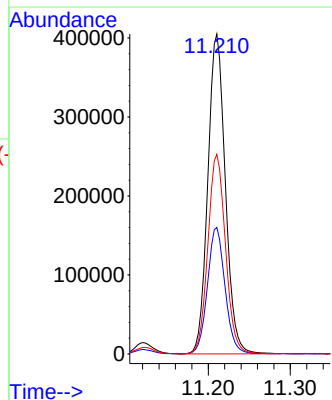
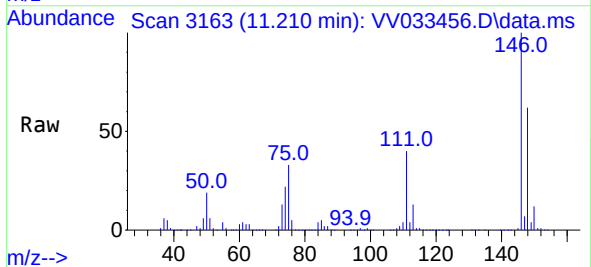
Instrument :
MSVOA_V
ClientSampleId :

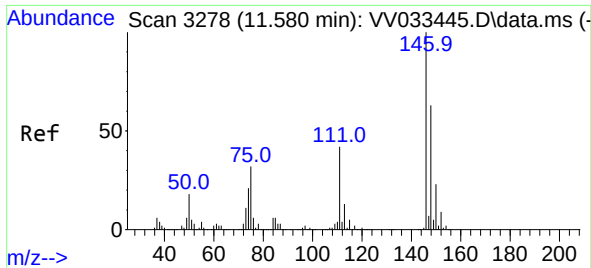
Tgt Ion:146 Resp: 22524
Ion Ratio Lower Upper
146 100
111 38.6 29.3 54.5
148 56.7 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 176.880 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033456.D
Acq: 18 Dec 2023 14:42

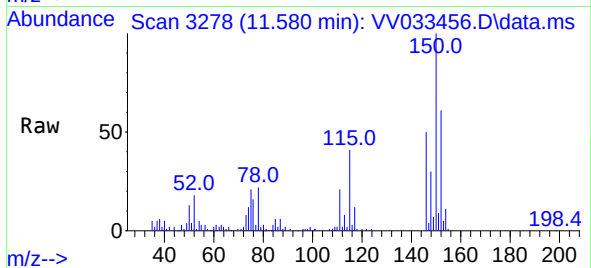
Tgt Ion:146 Resp: 600729
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 62.4 45.5 84.5





#67
 1,2-Dichlorobenzene
 Concen: 5.939 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033456.D
 Acq: 18 Dec 2023 14:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	146	Resp:	19508
Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.5	50.3
148	61.2	51.1	76.7

