

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035465.D
 Acq On : 29 Apr 2024 12:57
 Operator : SY/MD
 Sample : P2269-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:11:00 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)

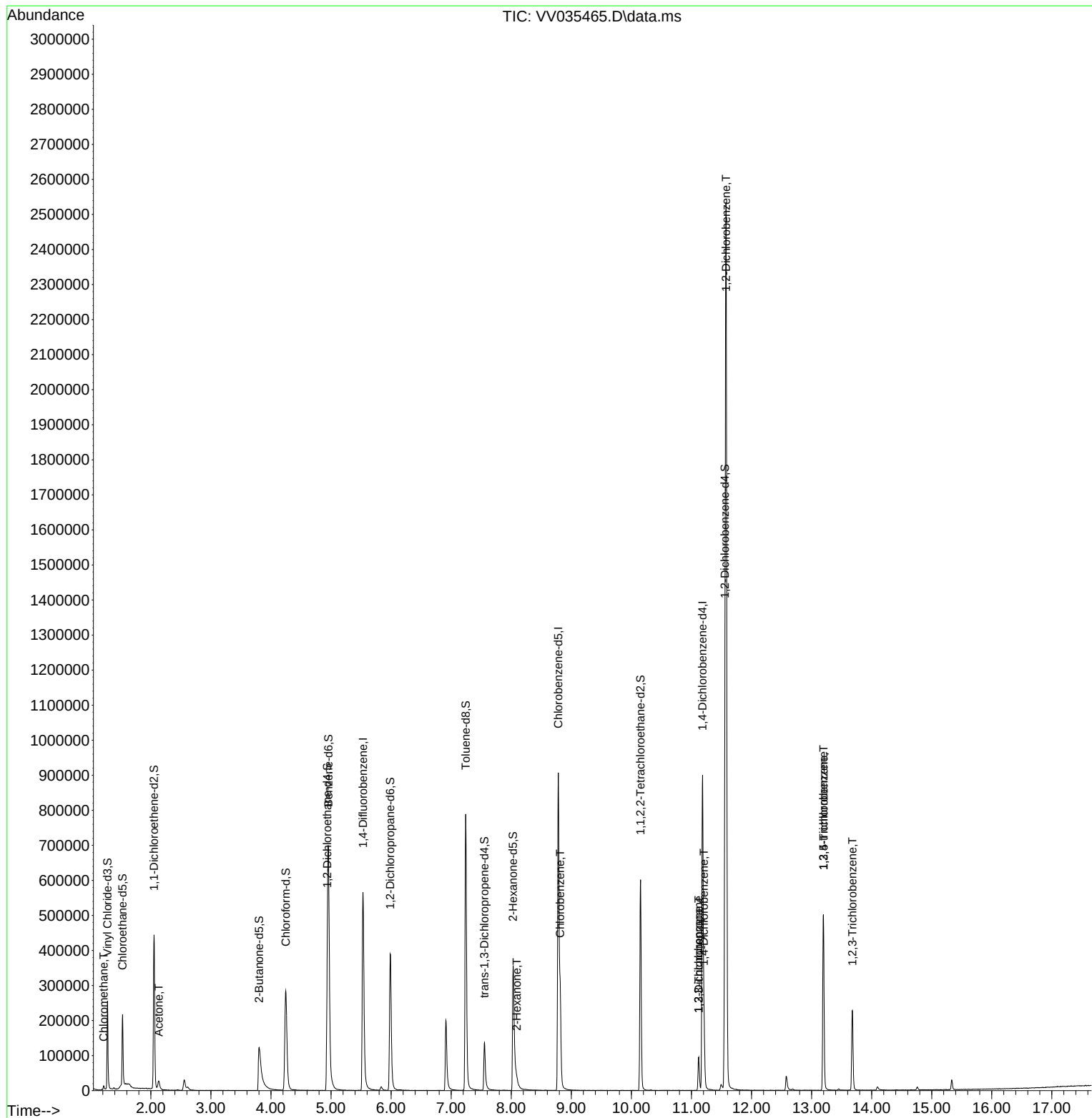
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	515243	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	505879	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	236750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	172883	41.752	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.500%		
7) Chloroethane-d5	1.529	69	127608	53.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.580%		
11) 1,1-Dichloroethene-d2	2.053	65	75954	44.880	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.760%		
21) 2-Butanone-d5	3.802	46	236271	111.333	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.330%		
24) Chloroform-d	4.246	84	318087	45.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
26) 1,2-Dichloroethane-d4	4.937	65	198624	48.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.880%		
32) Benzene-d6	4.957	84	640859	48.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.420%		
36) 1,2-Dichloropropane-d6	5.985	67	203430	49.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.200%		
41) Toluene-d8	7.243	98	549409	45.852	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.700%		
43) trans-1,3-Dichloroprop...	7.555	79	89996	46.903	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.800%		
47) 2-Hexanone-d5	8.030	63	130558	110.413	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.410%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	300516	51.405	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.800%		
66) 1,2-Dichlorobenzene-d4	11.558	152	230121	55.557	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.120%		
Target Compounds						Qvalue
3) Chloromethane	1.214	50	6987	1.818	ug/L	97
13) Acetone	2.130	43	30672	12.163	ug/L	97
48) 2-Hexanone	8.091	43	24941	6.501	ug/L #	35
51) Chlorobenzene	8.815	112	171030	17.099	ug/L	98
61) 1,2,3-Trichloropropane	11.120	75	11538	2.604	ug/L #	50
64) 1,3-Dichlorobenzene	11.120	146	40414	5.744	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	77413	10.489	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	966071	135.514	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	161045	32.304	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	161045	40.693	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	76563	19.854	ug/L	98

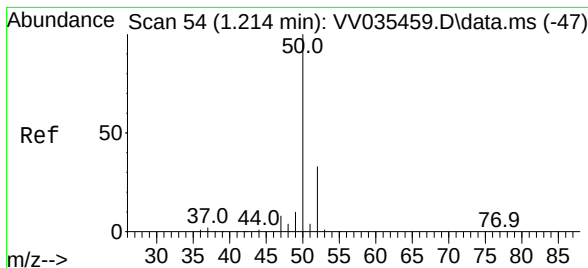
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 1.818 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

Instrument :

MSVOA_V

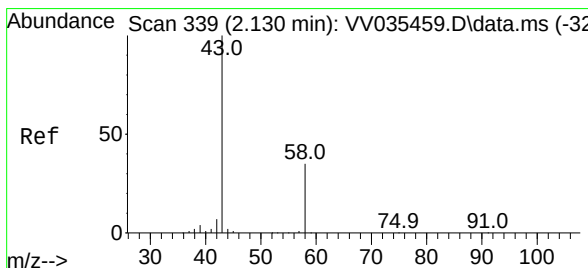
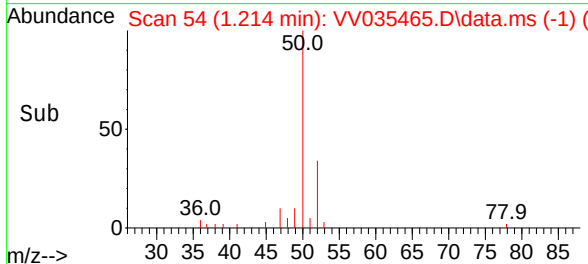
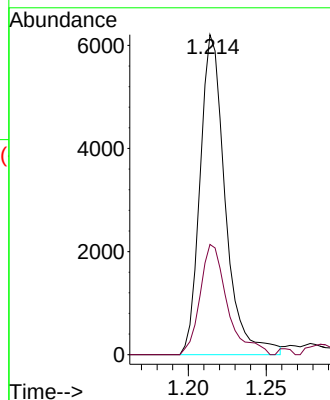
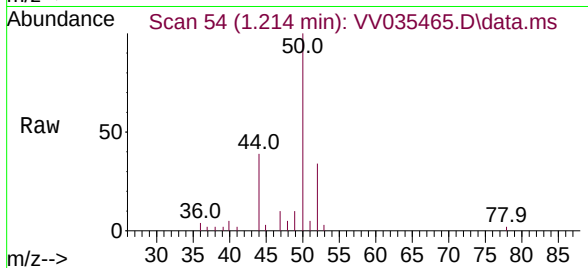
ClientSampleId :

Tgt Ion: 50 Resp: 6987

Ion Ratio Lower Upper

50 100

52 34.5 23.0 42.8



#13

Acetone

Concen: 12.163 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.000 min

Lab File: VV035465.D

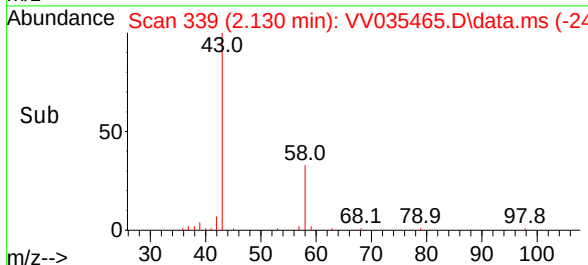
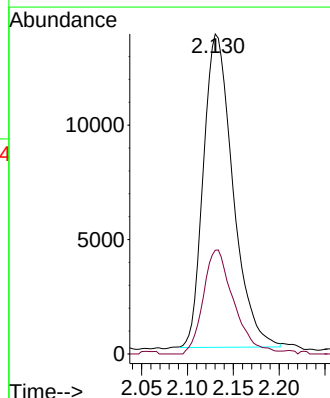
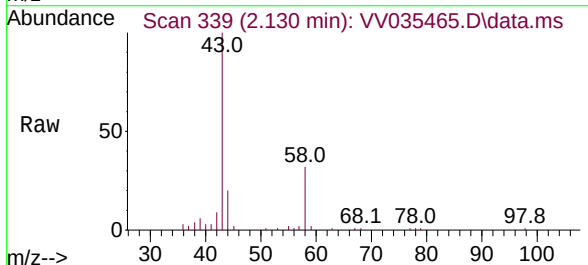
Acq: 29 Apr 2024 12:57

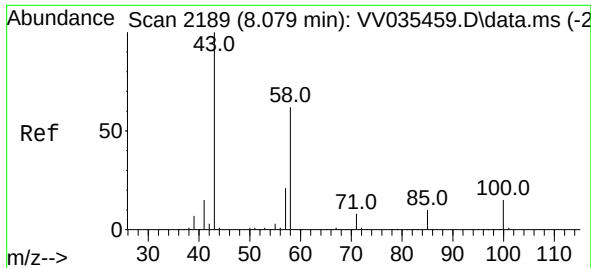
Tgt Ion: 43 Resp: 30672

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.8





#48

2-Hexanone

Concen: 6.501 ug/L

RT: 8.091 min Scan# 2189

Delta R.T. 0.013 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 24941

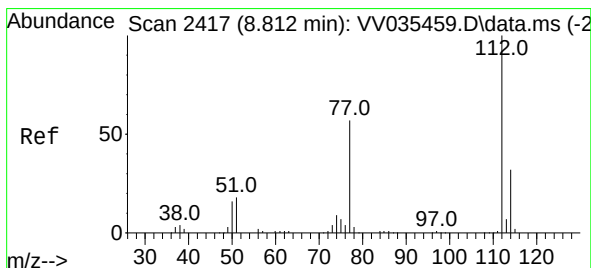
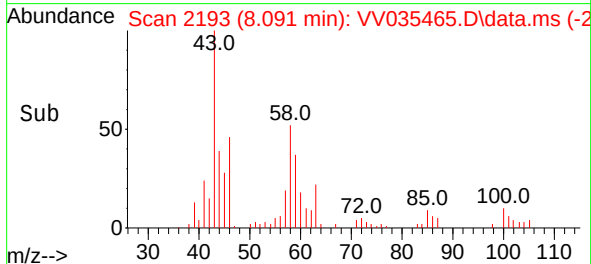
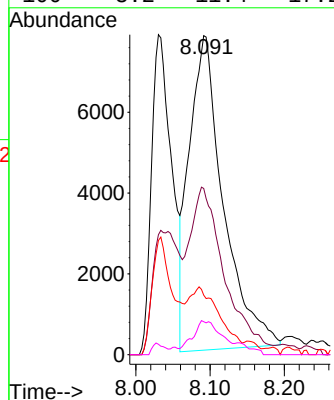
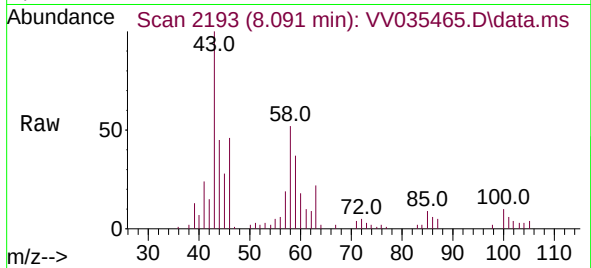
Ion Ratio Lower Upper

43 100

58 0.0 49.4 74.0#

57 0.8 17.1 25.7#

100 3.2 11.4 17.2#



#51

Chlorobenzene

Concen: 17.099 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

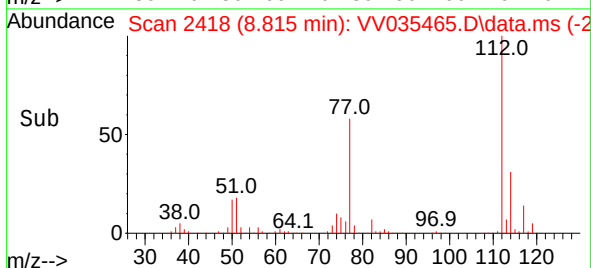
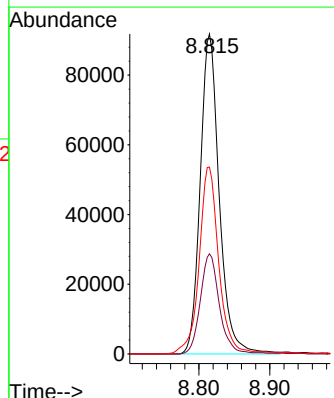
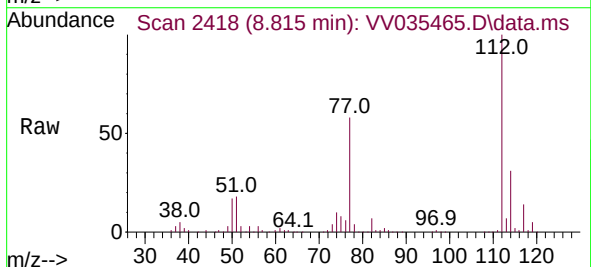
Tgt Ion: 112 Resp: 171030

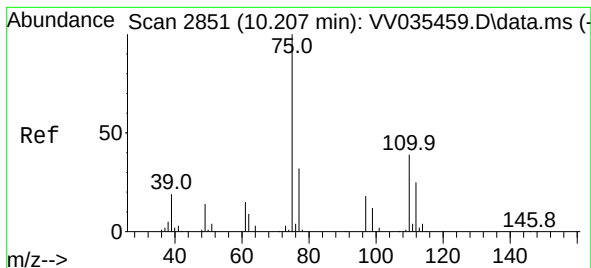
Ion Ratio Lower Upper

112 100

114 31.3 22.4 41.6

77 58.4 45.6 68.4





#61

1,2,3-Trichloropropane

Concen: 2.604 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.913 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

Instrument :

MSVOA_V

ClientSampleId :

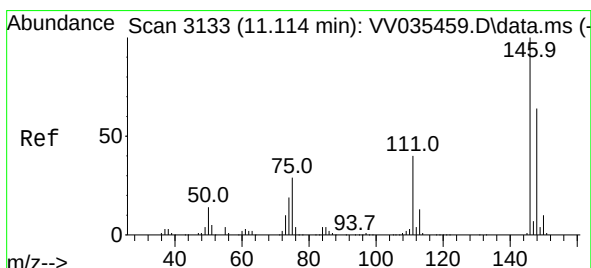
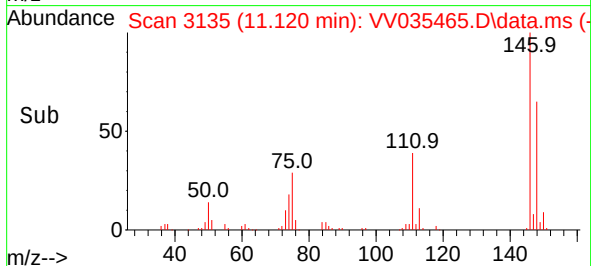
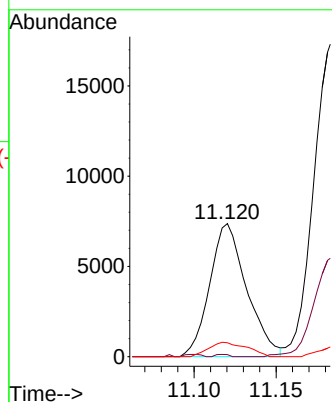
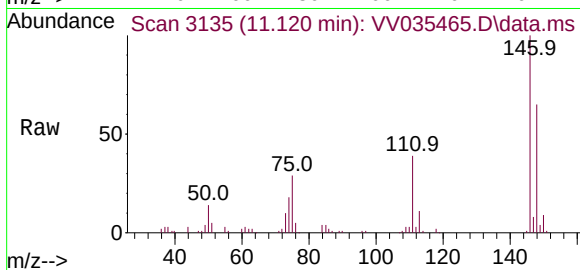
Tgt Ion: 75 Resp: 11538

Ion Ratio Lower Upper

75 100

77 0.6 25.3 37.9#

110 11.2 31.2 46.8#



#64

1,3-Dichlorobenzene

Concen: 5.744 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

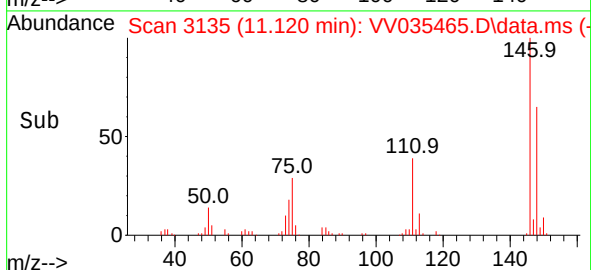
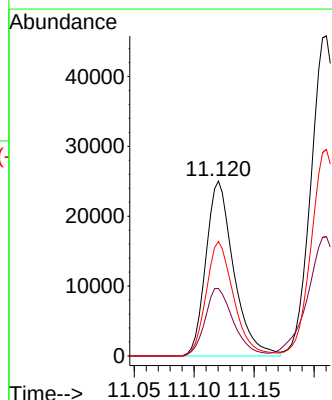
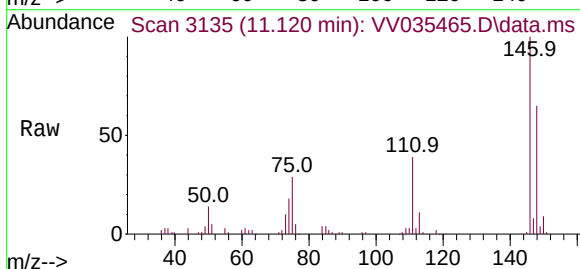
Tgt Ion:146 Resp: 40414

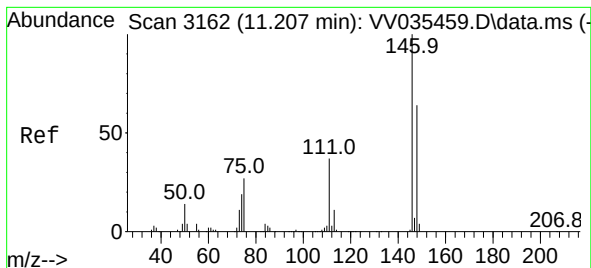
Ion Ratio Lower Upper

146 100

111 38.7 27.0 50.2

148 65.4 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 10.489 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

Instrument :

MSVOA_V

ClientSampleId :

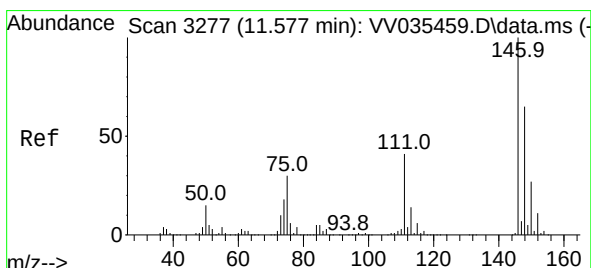
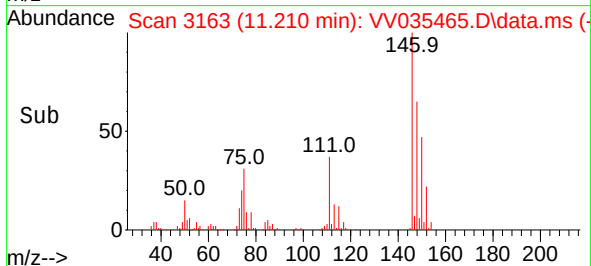
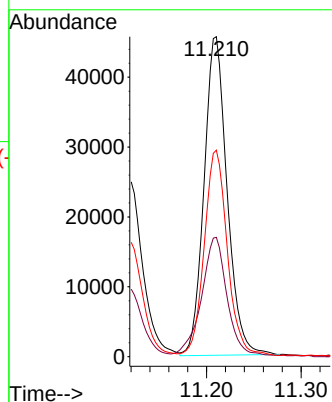
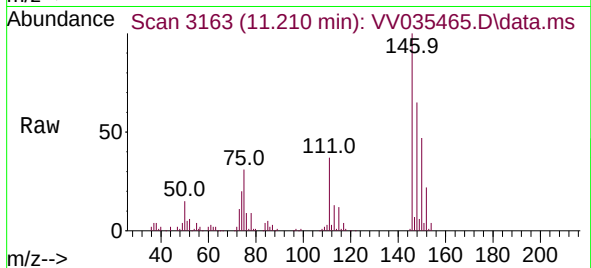
Tgt Ion:146 Resp: 77413

Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.1

148 64.5 45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 135.514 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

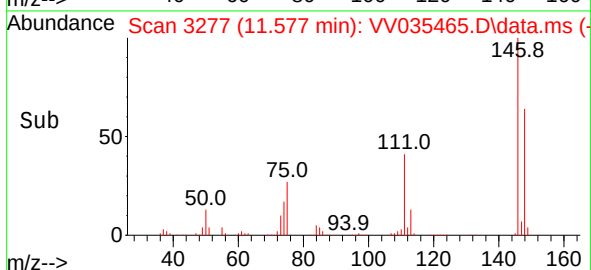
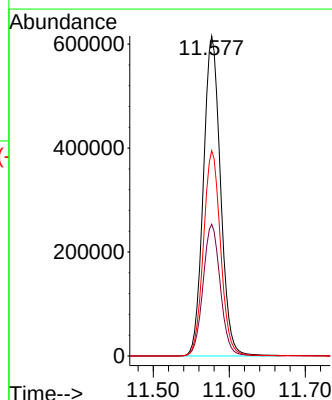
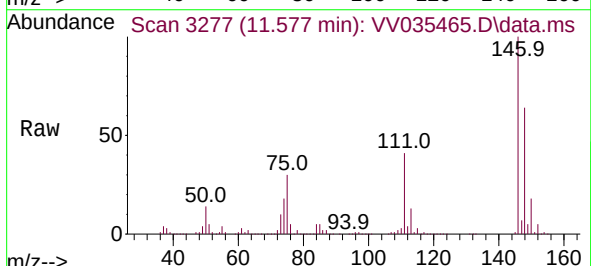
Tgt Ion:146 Resp: 966071

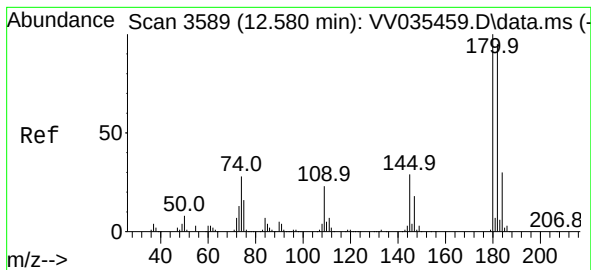
Ion Ratio Lower Upper

146 100

111 41.1 33.3 49.9

148 64.2 52.2 78.2





#69

1,3,5-Trichlorobenzene

Concen: 32.304 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.617 min

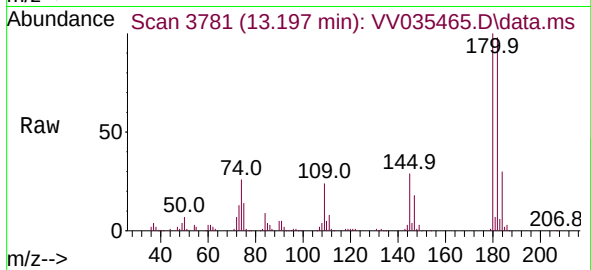
Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 161045

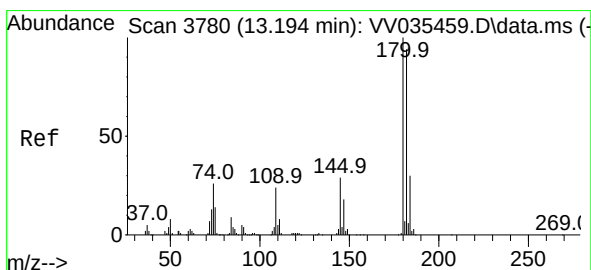
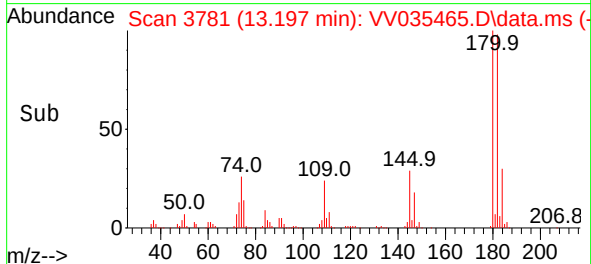
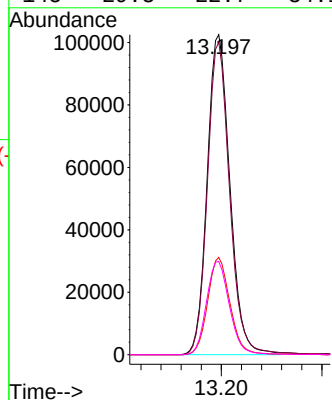
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

184 29.9 23.8 35.6

145 29.3 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 40.693 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

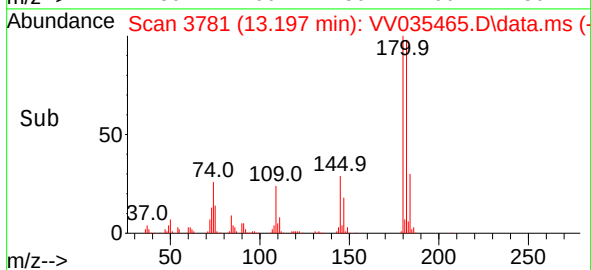
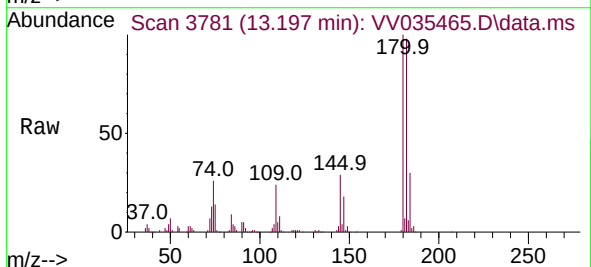
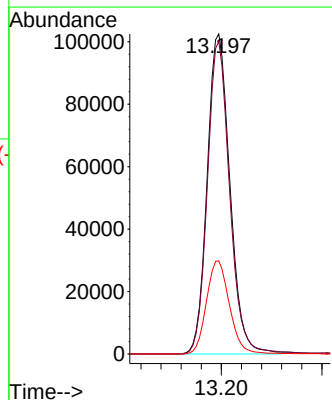
Tgt Ion:180 Resp: 161045

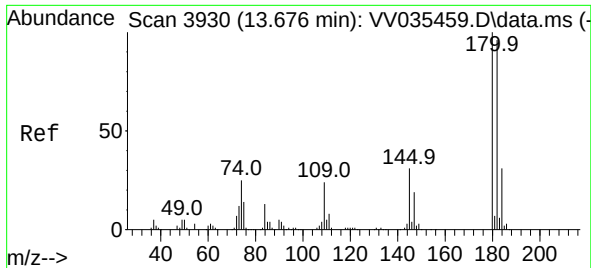
Ion Ratio Lower Upper

180 100

182 95.7 75.1 112.7

145 29.3 23.2 34.8





#72

1,2,3-Trichlorobenzene

Concen: 19.854 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

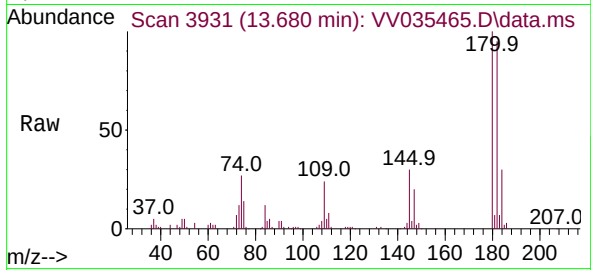
Lab File: VV035465.D

Acq: 29 Apr 2024 12:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 76563

Ion Ratio Lower Upper

180 100

182 93.9 76.6 115.0

145 29.7 24.7 37.1

