

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035195.D
 Acq On : 20 Apr 2023 01:30
 Operator : JC/MD
 Sample : 02378-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

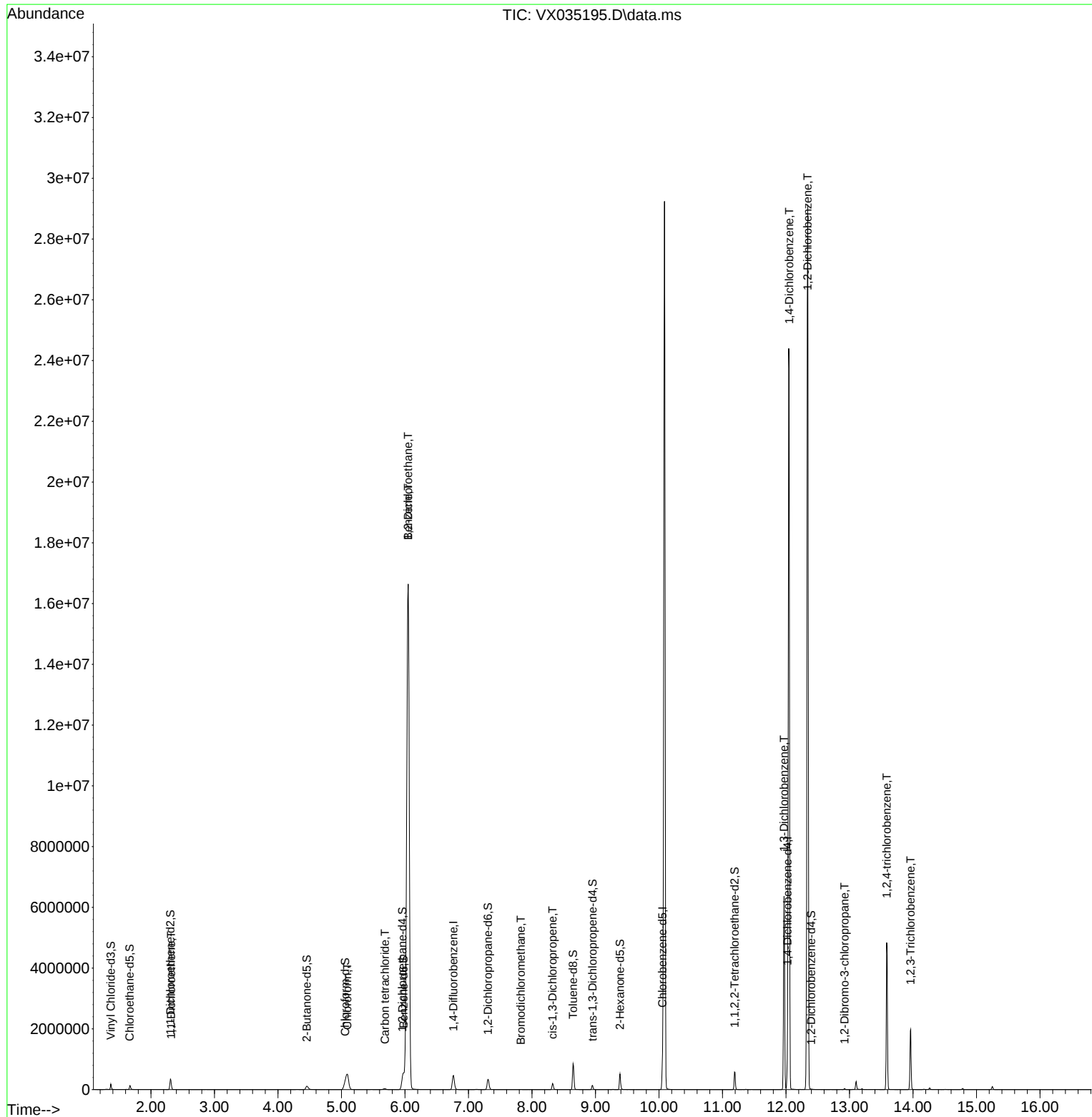
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	485510	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	432568	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	213887	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	119372	38.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.260%
7) Chloroethane-d5	1.666	69	96902	42.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	2.307	65	62650	41.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.640%
21) 2-Butanone-d5	4.453	46	205809	98.652	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.650%
24) Chloroform-d	5.056	84	294855	50.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	5.958	65	183859	48.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
32) Benzene-d6	5.977	84	570378	45.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	7.306	67	177397	46.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.480%
41) Toluene-d8	8.647	98	506504	44.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.952	79	69242	41.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.480%
47) 2-Hexanone-d5	9.385	63	150018	98.421	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	224916	48.385	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.760%
66) 1,2-Dichlorobenzene-d4	12.396	152	76	0.018	ug/L	0.07
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.040%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	4495	1.550	ug/L #	1
25) Chloroform	5.093	83	576122	98.691	ug/L	97
27) 1,2-Dichloroethane	6.050	62	207980	44.482	ug/L #	73
31) Carbon tetrachloride	5.684	117	31838	7.401	ug/L	98
33) Benzene	6.050	78	19274137	1471.334	ug/L	100
38) Bromodichloromethane	7.824	83	3186	0.782	ug/L	87
39) cis-1,3-Dichloropropene	8.324	75	4538	0.880	ug/L #	48
64) 1,3-Dichlorobenzene	11.969	146	1950841	294.109	ug/L	97
65) 1,4-Dichlorobenzene	12.049	146	7360920	1084.499	ug/L	90
67) 1,2-Dichlorobenzene	12.341	146	8516875	1266.332	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	12.921	75	5476	5.620	ug/L #	1
70) 1,2,4-trichlorobenzene	13.585	180	1128775	293.975	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	469134	123.763	ug/L	99

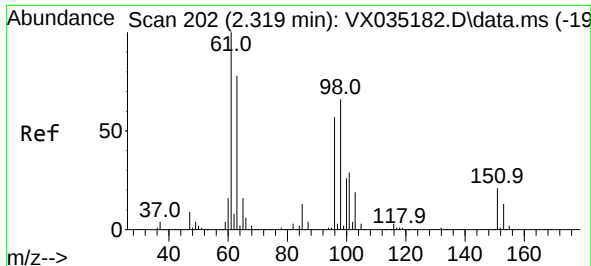
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.550 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX035195.D

Acq: 20 Apr 2023 01:30

Instrument :

MSVOA_X

ClientSampleId :

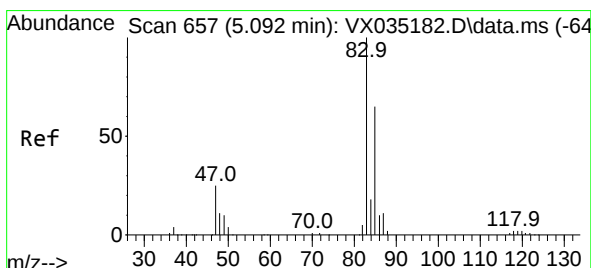
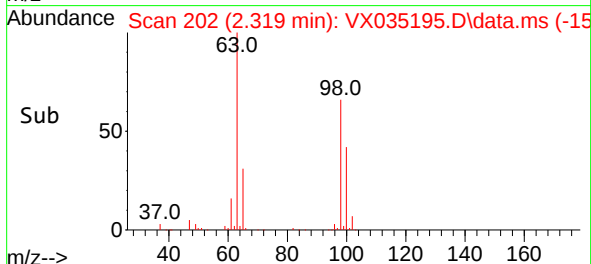
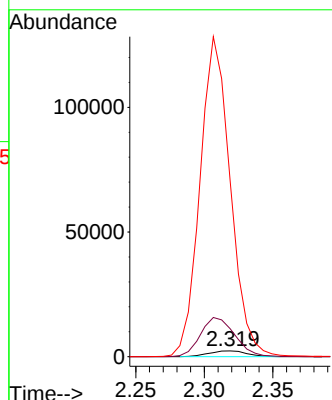
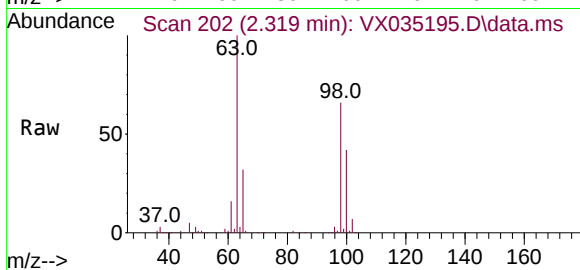
Tgt Ion: 96 Resp: 4495

Ion Ratio Lower Upper

96 100

61 484.3 119.0 221.0#

63 3041.9 91.0 169.0#



#25

Chloroform

Concen: 98.691 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035195.D

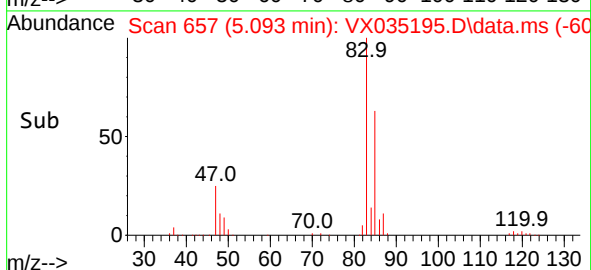
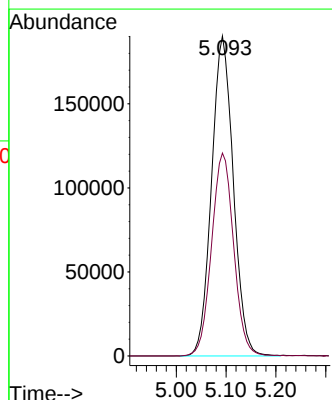
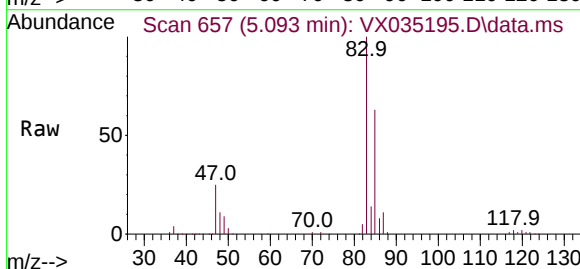
Acq: 20 Apr 2023 01:30

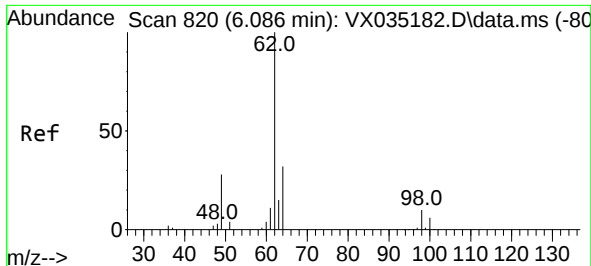
Tgt Ion: 83 Resp: 576122

Ion Ratio Lower Upper

83 100

85 63.4 46.0 85.4





#27

1,2-Dichloroethane

Concen: 44.482 ug/L

RT: 6.050 min Scan# 81

Delta R.T. -0.036 min

Lab File: VX035195.D

Acq: 20 Apr 2023 01:30

Instrument :

MSVOA_X

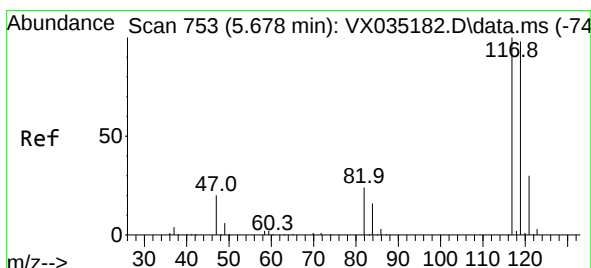
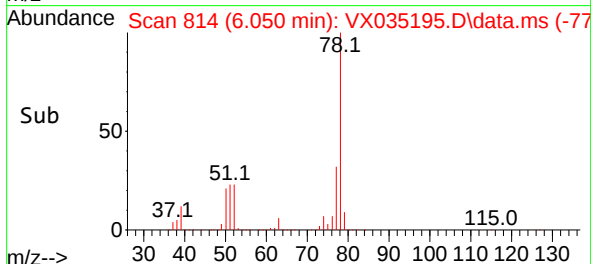
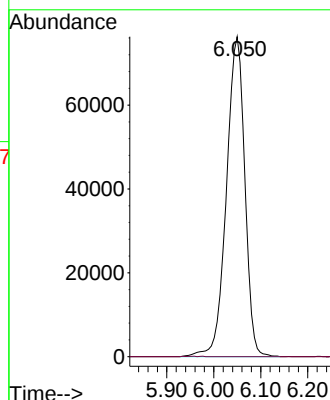
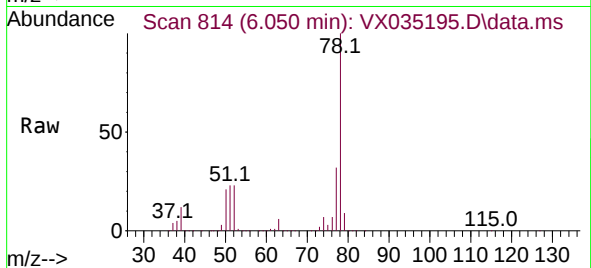
ClientSampleId :

Tgt Ion: 62 Resp: 207980

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#31

Carbon tetrachloride

Concen: 7.401 ug/L

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX035195.D

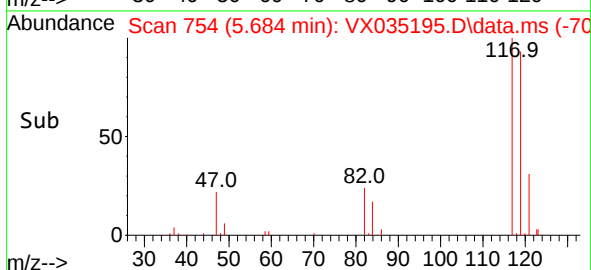
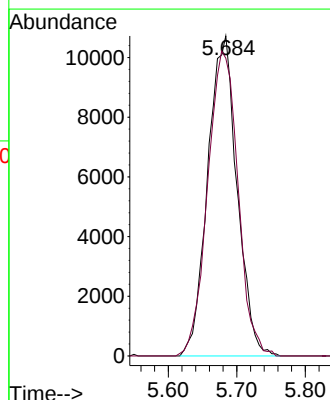
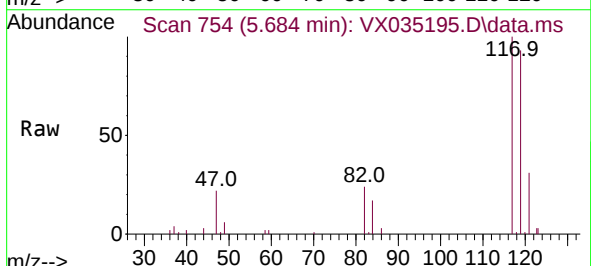
Acq: 20 Apr 2023 01:30

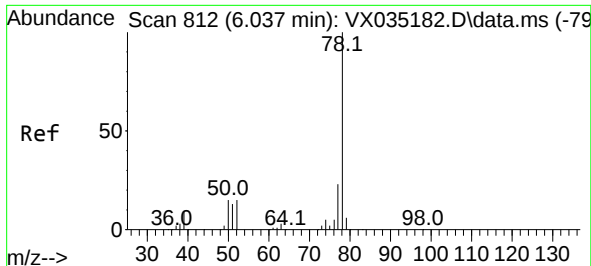
Tgt Ion: 117 Resp: 31838

Ion Ratio Lower Upper

117 100

119 98.5 77.1 115.7

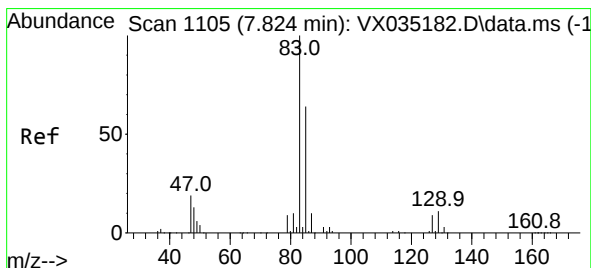
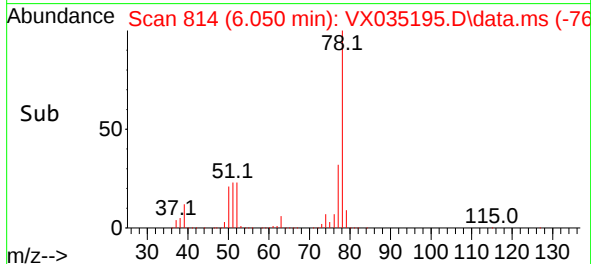
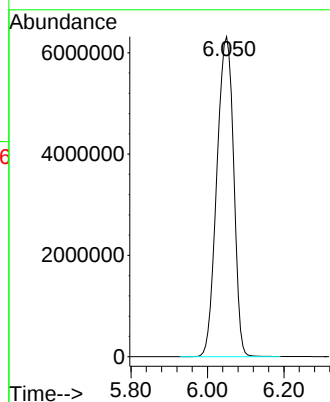
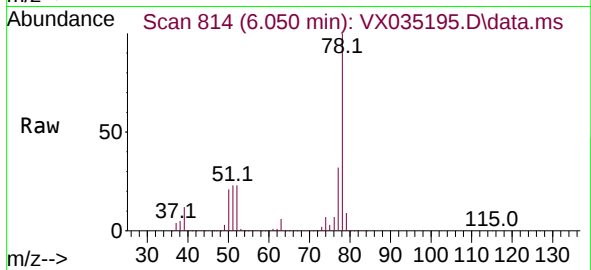




#33
Benzene
Concen: 1471.334 ug/L
RT: 6.050 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

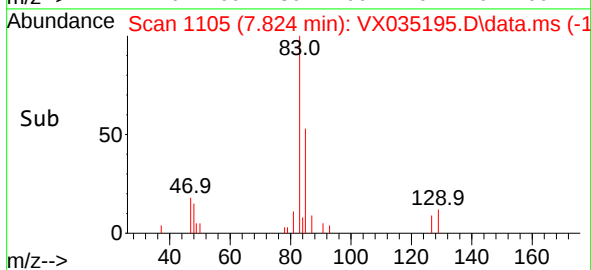
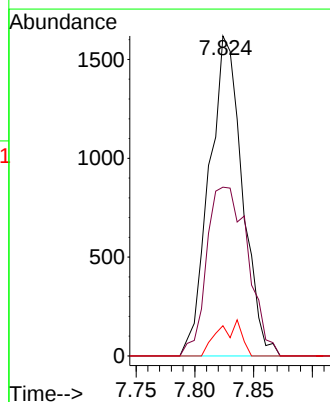
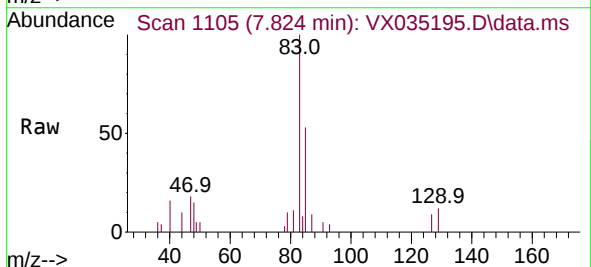
Instrument :
MSVOA_X
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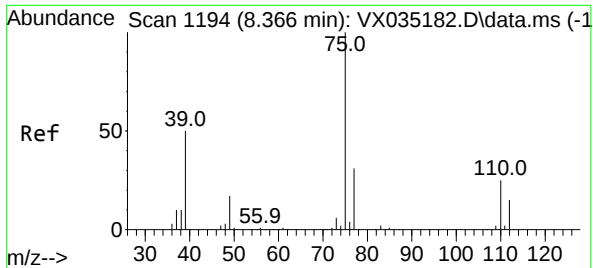
Tgt Ion: 78 Resp:19274137



#38
Bromodichloromethane
Concen: 0.782 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

Tgt Ion: 83 Resp: 3186
Ion Ratio Lower Upper
83 100
85 52.7 44.7 82.9
127 9.5 6.9 10.3

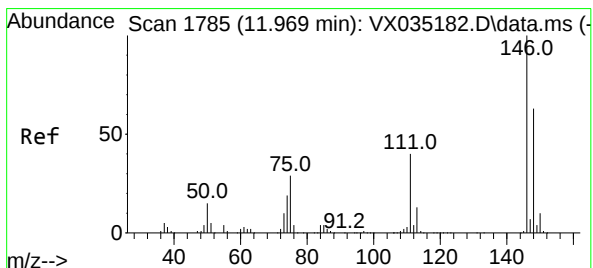
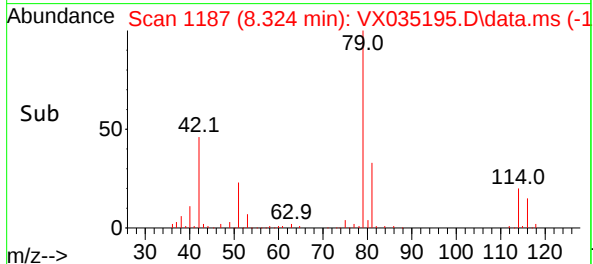
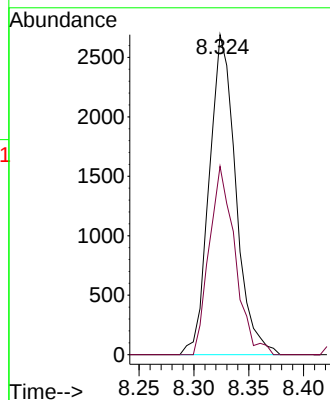
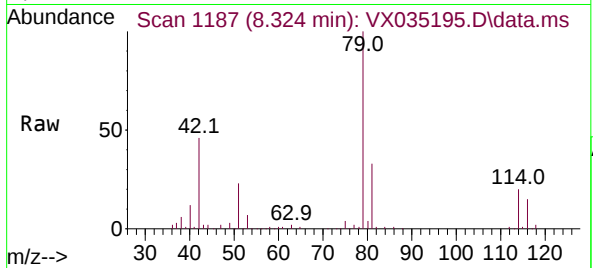




#39
 cis-1,3-Dichloropropene
 Concen: 0.880 ug/L
 RT: 8.324 min Scan# 1194
 Delta R.T. -0.042 min
 Lab File: VX035195.D
 Acq: 20 Apr 2023 01:30

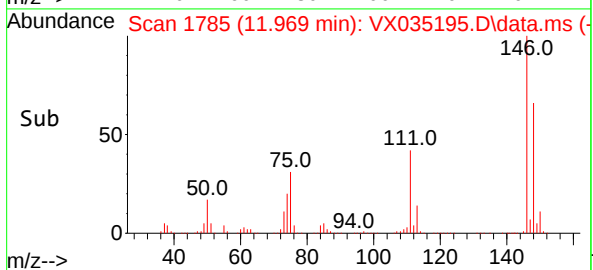
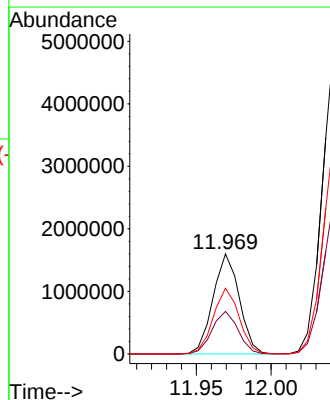
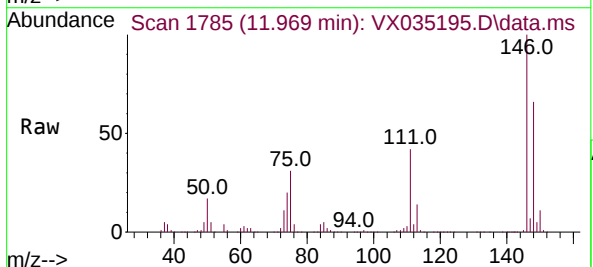
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 ClientSampleId :

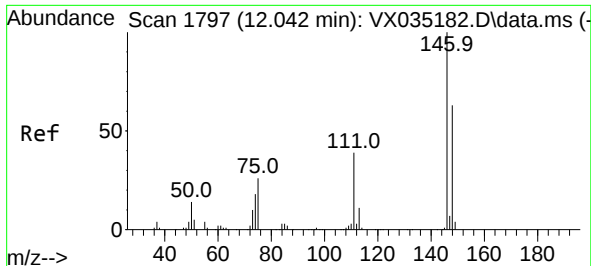
Tgt Ion: 75 Resp: 4538
 Ion Ratio Lower Upper
 75 100
 77 58.9 21.4 39.8#



#64
 1,3-Dichlorobenzene
 Concen: 294.109 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX035195.D
 Acq: 20 Apr 2023 01:30

Tgt Ion:146 Resp: 1950841
 Ion Ratio Lower Upper
 146 100
 111 42.5 28.9 53.7
 148 65.7 44.3 82.3

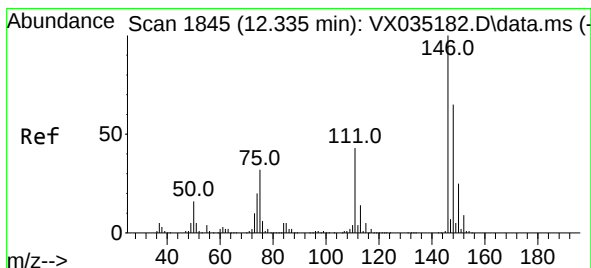
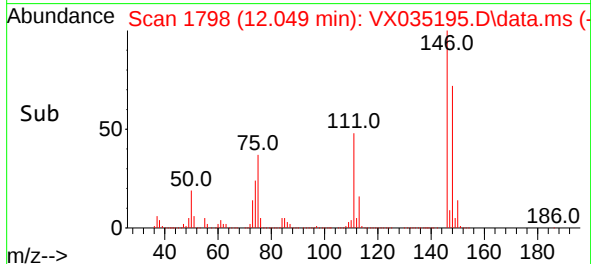
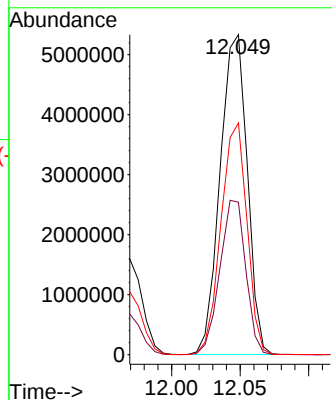
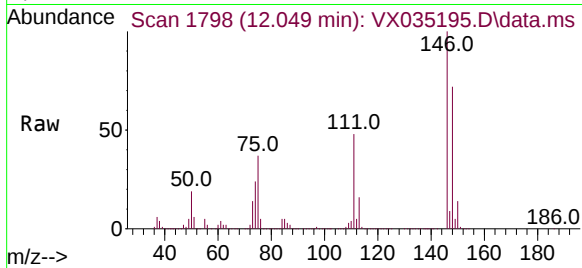




#65
1,4-Dichlorobenzene
Concen: 1084.499 ug/L
RT: 12.049 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

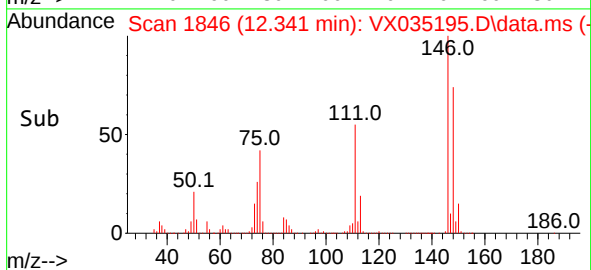
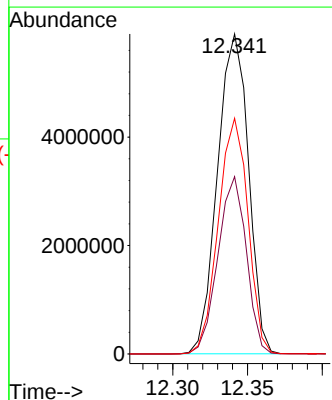
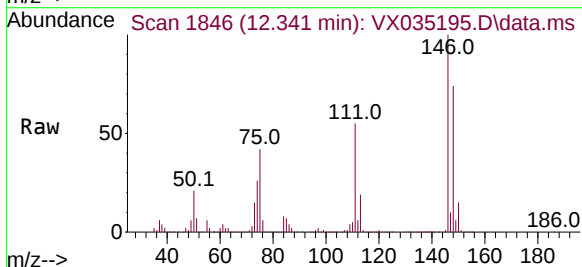
Instrument :
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ClientSampleId :

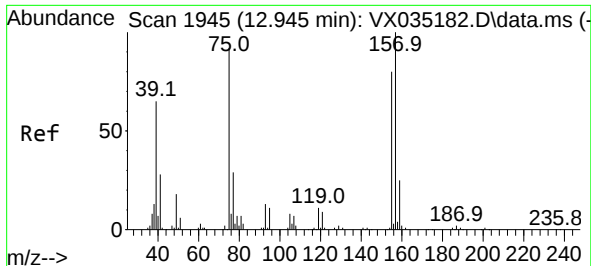
Tgt Ion:146 Resp: 7360920
Ion Ratio Lower Upper
146 100
111 47.7 27.9 51.7
148 72.4 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 1266.332 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

Tgt Ion:146 Resp: 8516875
Ion Ratio Lower Upper
146 100
111 55.4 34.7 52.1#
148 73.7 52.1 78.1

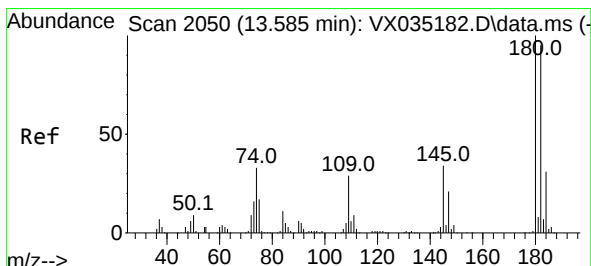
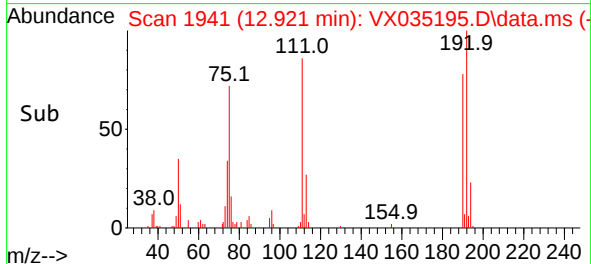
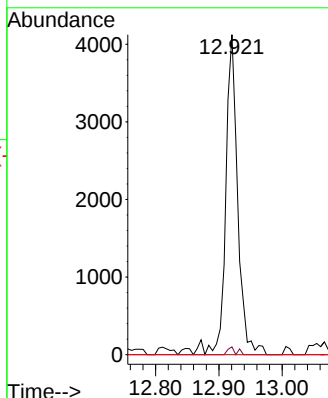
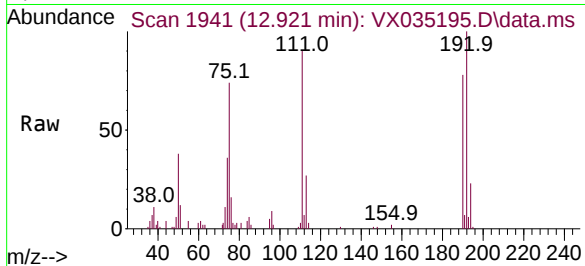




#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.620 ug/L
 RT: 12.921 min Scan# 1941
 Delta R.T. -0.024 min
 Lab File: VX035195.D
 Acq: 20 Apr 2023 01:30

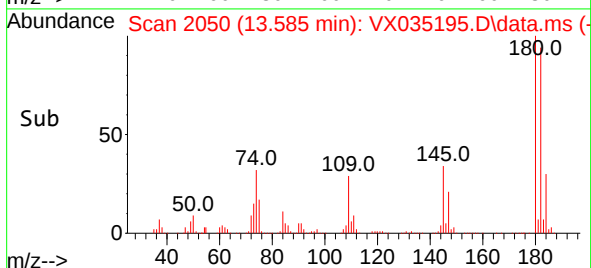
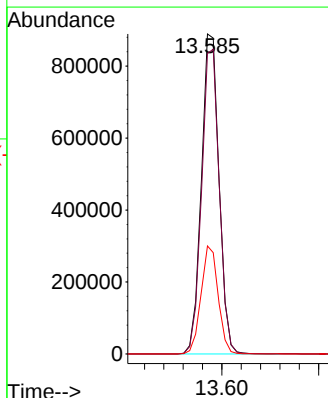
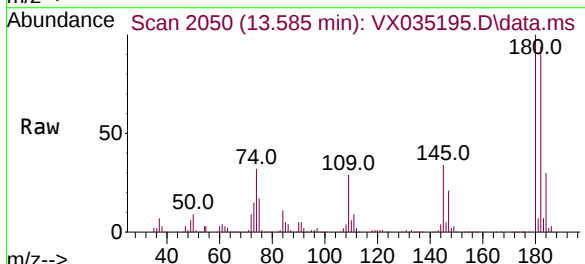
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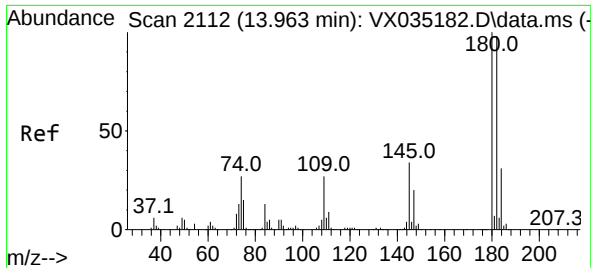
Tgt Ion: 75 Resp: 5476
 Ion Ratio Lower Upper
 75 100
 155 2.4 69.9 104.9#
 157 0.0 90.4 135.6#



#70
 1,2,4-trichlorobenzene
 Concen: 293.975 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX035195.D
 Acq: 20 Apr 2023 01:30

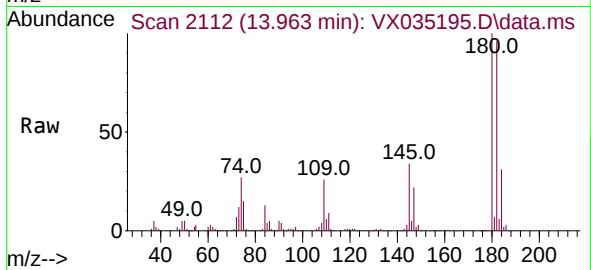
Tgt Ion: 180 Resp: 1128775
 Ion Ratio Lower Upper
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 182 95.3 76.6 114.8
 145 32.8 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 123.763 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX035195.D
 Acq: 20 Apr 2023 01:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 469134
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.0 112.6
 145 34.6 27.1 40.7

