

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102521\
 Data File : VX024915.D
 Acq On : 25 Oct 2021 17:24
 Operator : JC/MD
 Sample : M4291-16
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 01:25:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 26 01:24:18 2021
 Response via : Initial Calibration

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

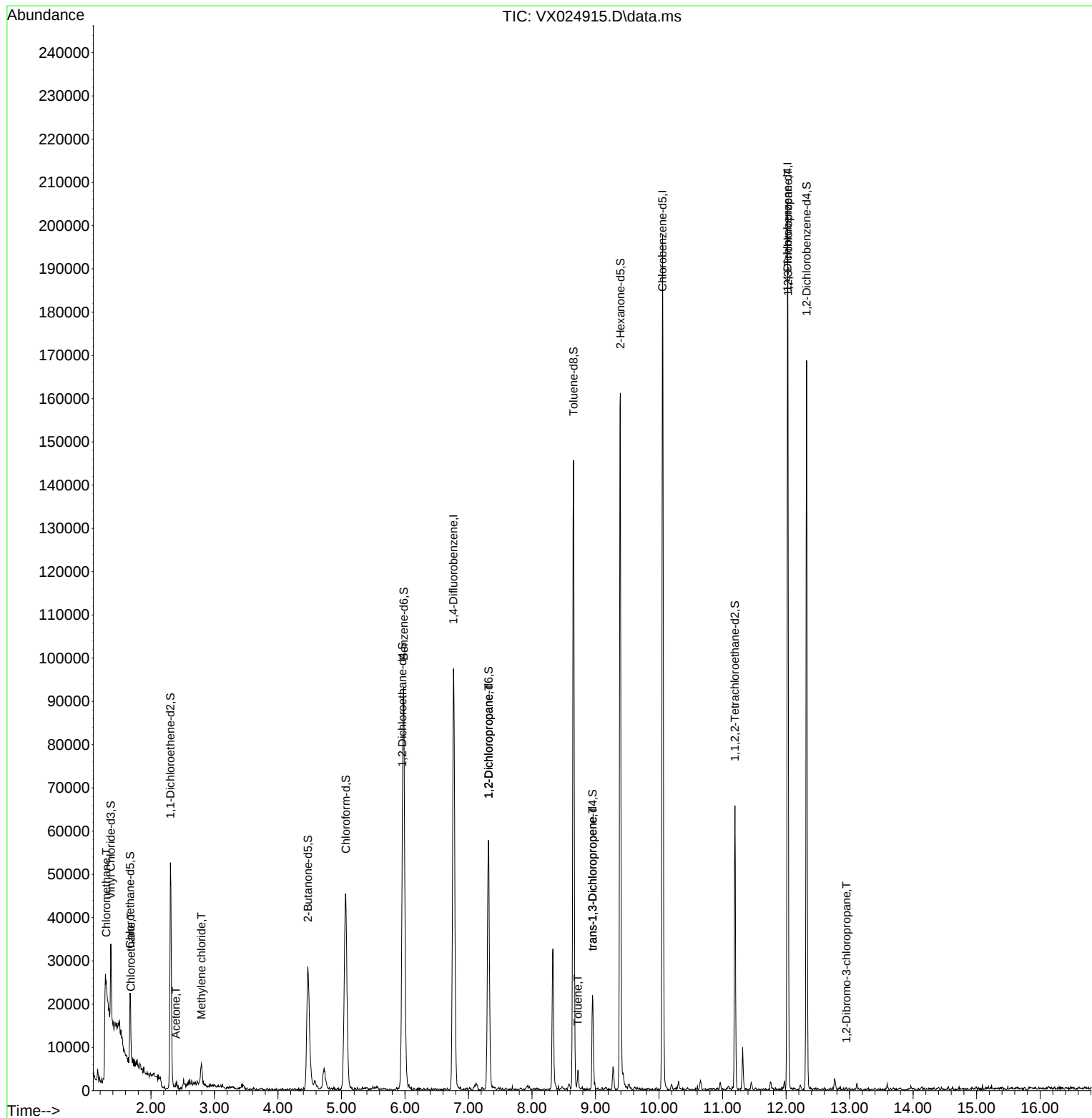
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	93055	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	86532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	39856	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	11517	4.216	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.672	69	10753	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.306	63	29394	2.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	4.471	46	48927	48.985	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.980%
24) Chloroform-d	5.068	84	60169	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.958	65	30888	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.982	84	93912	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	7.318	67	28636	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	8.653	98	87749	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.951	79	12844	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	9.390	63	49721	46.792	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.580%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23017	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	30520	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1354	0.363	ug/L #	68
8) Chloroethane	1.684	64	911	0.333	ug/L #	48
13) Acetone	2.392	43	1505	2.009	ug/L	97
16) Methylene chloride	2.794	84	2725	0.411	ug/L	86
37) 1,2-Dichloropropane	7.318	63	3776	0.611	ug/L #	87
42) Toluene	8.720	91	2577	0.087	ug/L	99
44) trans-1,3-Dichloropropene	8.951	75	1090	0.115	ug/L	99
61) 1,2,3-Trichloropropane	12.030	75	4751	1.222	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.951	75	129	0.136	ug/L #	6

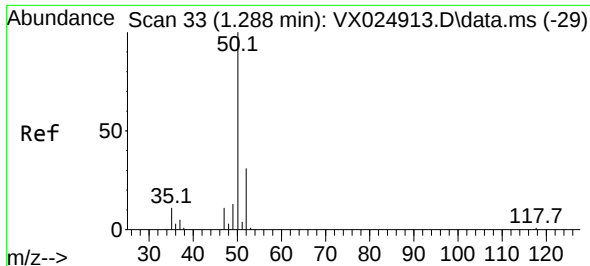
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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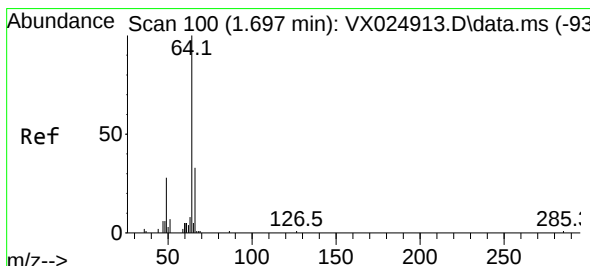
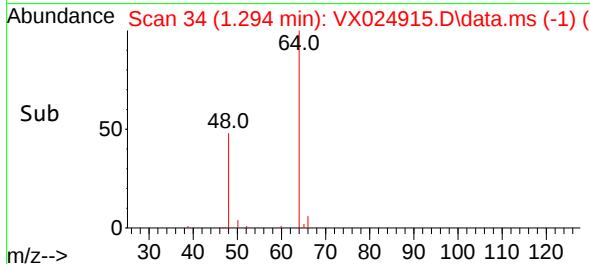
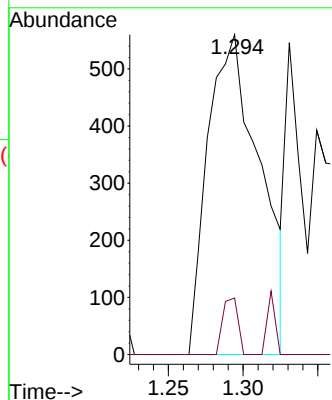
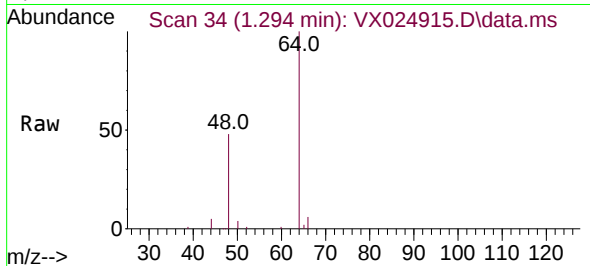




#3
Chloromethane
Concen: 0.363 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX024915.D
Acq: 25 Oct 2021 17:24

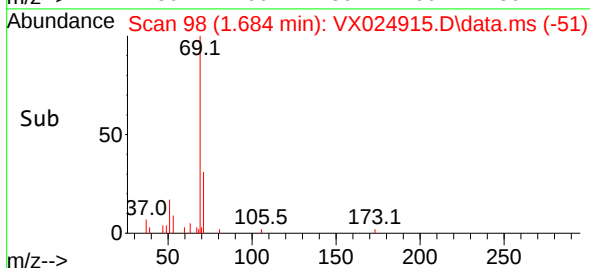
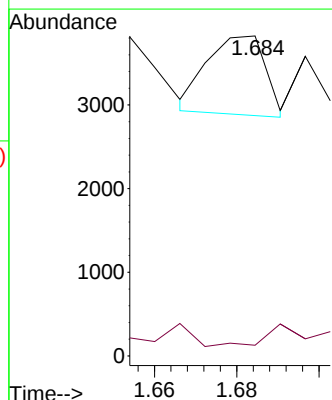
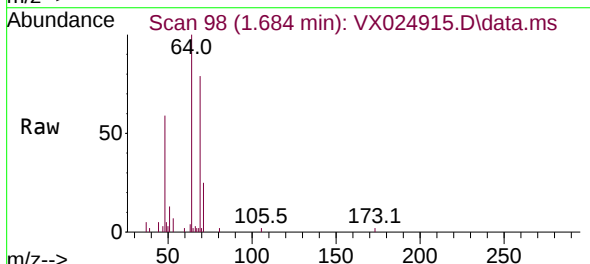
Instrument :
MSVOA_X
ClientSampleId :

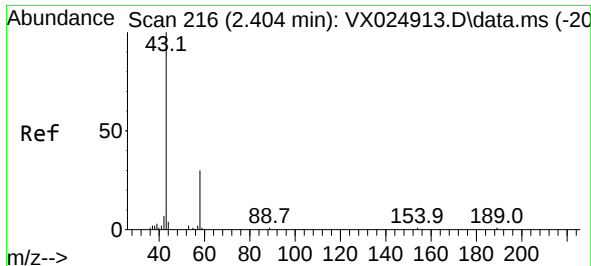
Tgt Ion: 50 Resp: 1354
Ion Ratio Lower Upper
50 100
52 17.7 25.5 47.3#



#8
Chloroethane
Concen: 0.333 ug/L
RT: 1.684 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX024915.D
Acq: 25 Oct 2021 17:24

Tgt Ion: 64 Resp: 911
Ion Ratio Lower Upper
64 100
66 3.3 22.6 42.0#

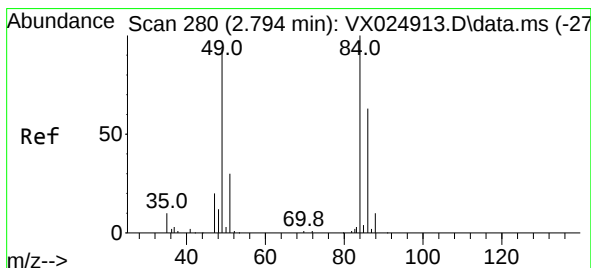
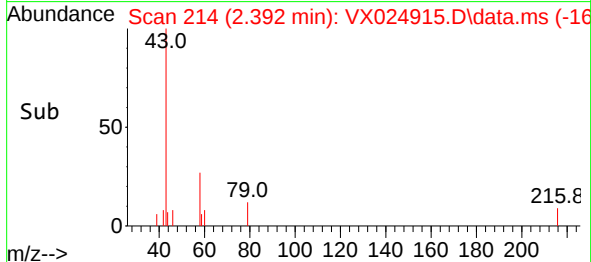
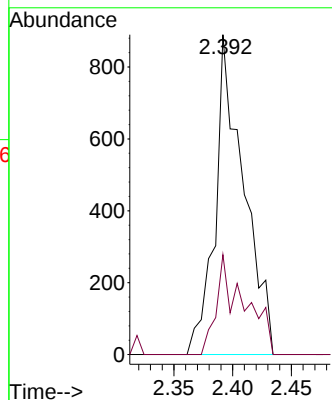
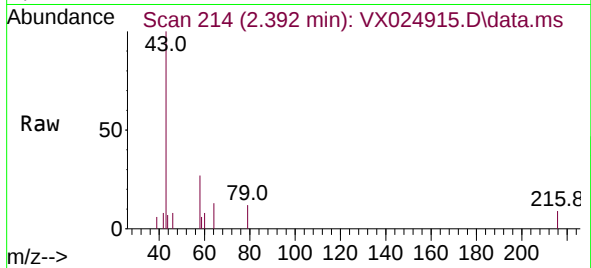




#13
Acetone
Concen: 2.009 ug/L
RT: 2.392 min Scan# 216
Delta R.T. -0.012 min
Lab File: VX024915.D
Acq: 25 Oct 2021 17:24

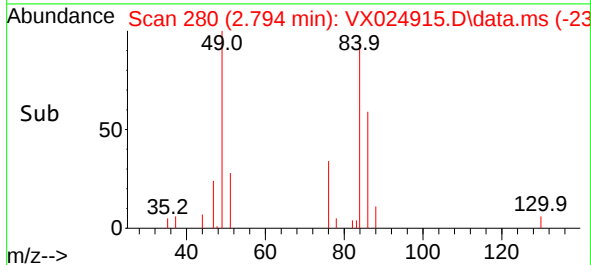
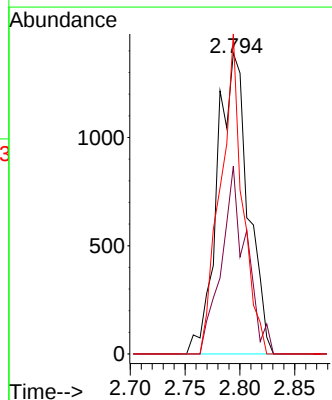
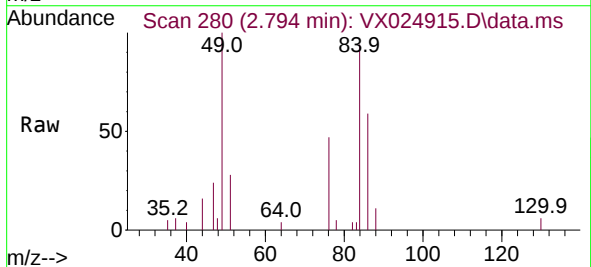
Instrument :
MSVOA_X
ClientSampleId :

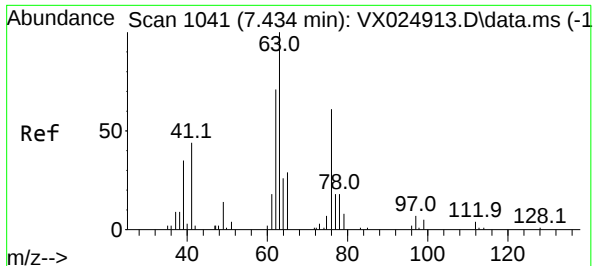
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 30.6 0.0 64.2



#16
Methylene chloride
Concen: 0.411 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024915.D
Acq: 25 Oct 2021 17:24

Tgt Ion: 84 Resp: 2725
Ion Ratio Lower Upper
84 100
86 62.4 49.5 91.9
49 106.4 62.7 116.5





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 7.318 min Scan# 11

Delta R.T. -0.116 min

Lab File: VX024915.D

Acq: 25 Oct 2021 17:24

Instrument :

MSVOA_X

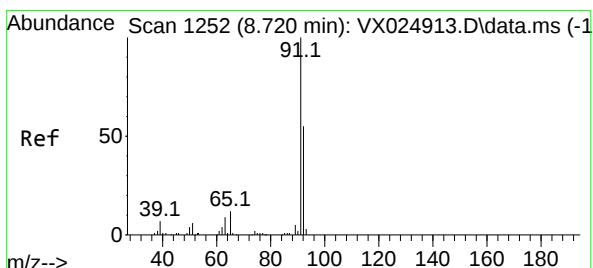
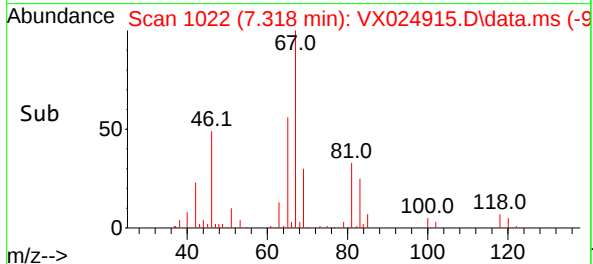
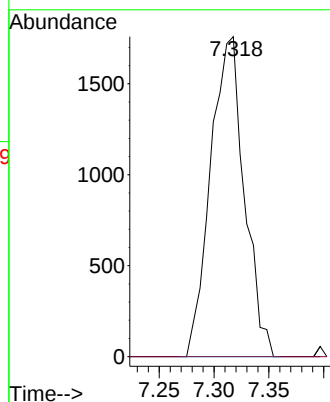
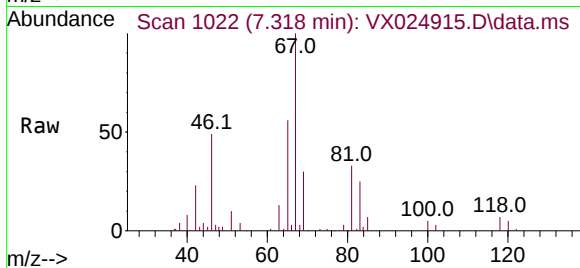
ClientSampleId :

Tgt Ion: 63 Resp: 3776

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#42

Toluene

Concen: 0.087 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX024915.D

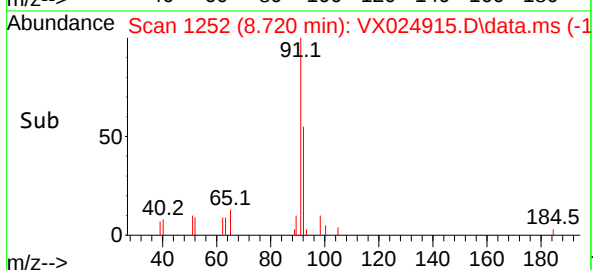
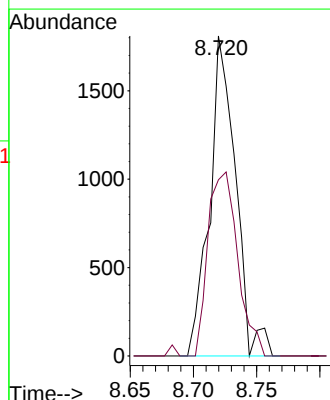
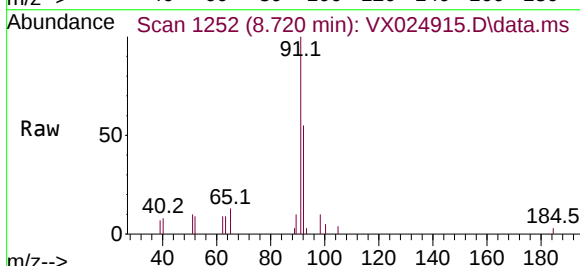
Acq: 25 Oct 2021 17:24

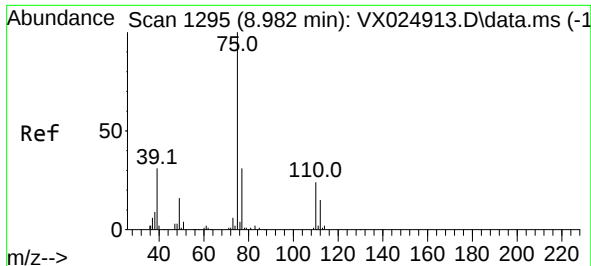
Tgt Ion: 91 Resp: 2577

Ion Ratio Lower Upper

91 100

92 55.1 39.1 72.5

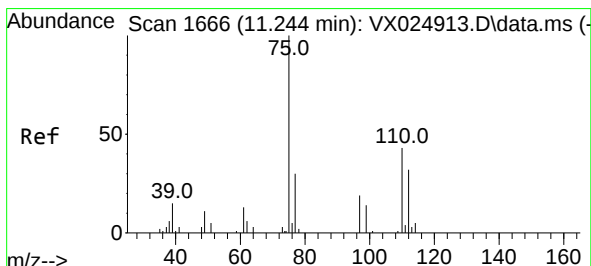
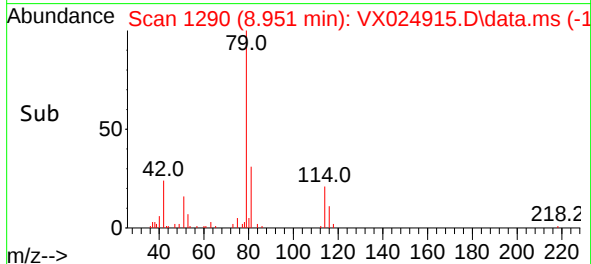
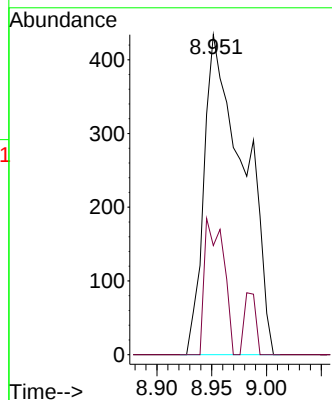
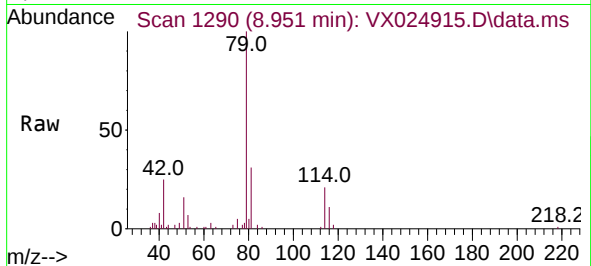




#44
trans-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX024915.D
Acq: 25 Oct 2021 17:24

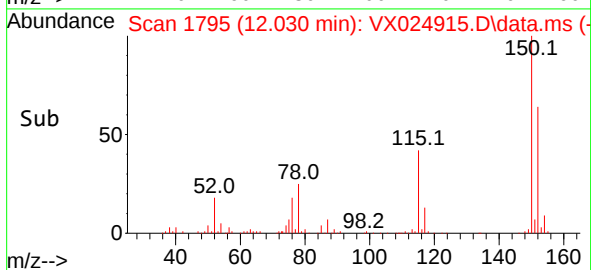
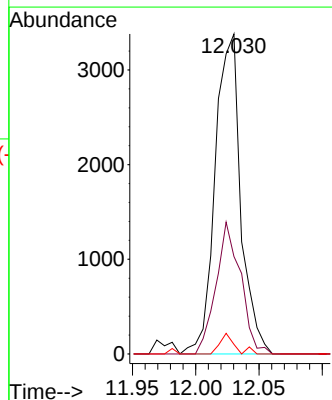
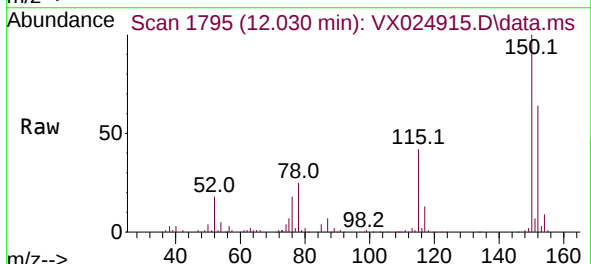
Instrument :
MSVOA_X
ClientSampleId :

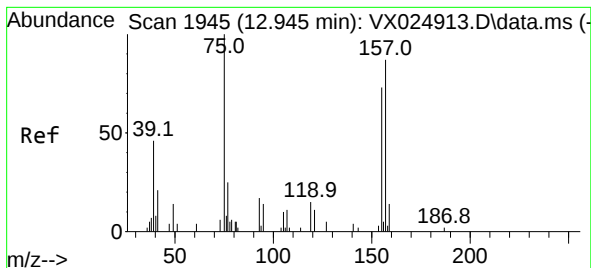
Tgt Ion: 75 Resp: 1090
Ion Ratio Lower Upper
75 100
77 34.1 23.4 43.4



#61
1,2,3-Trichloropropane
Concen: 1.222 ug/L
RT: 12.030 min Scan# 1795
Delta R.T. 0.786 min
Lab File: VX024915.D
Acq: 25 Oct 2021 17:24

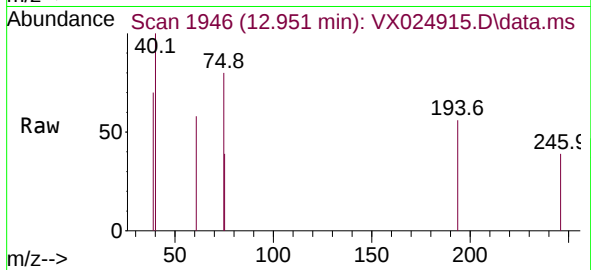
Tgt Ion: 75 Resp: 4751
Ion Ratio Lower Upper
75 100
77 39.7 28.1 42.1
110 3.7 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.136 ug/L
 RT: 12.951 min Scan# 1946
 Delta R.T. 0.006 min
 Lab File: VX024915.D
 Acq: 25 Oct 2021 17:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 129
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.6 80.4#
 157 0.0 82.2 123.4#

