

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029448.D
 Acq On : 14 Jun 2022 05:23
 Operator : JC/MD
 Sample : N3249-17DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX5DL

Quant Time: Jun 14 06:46:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

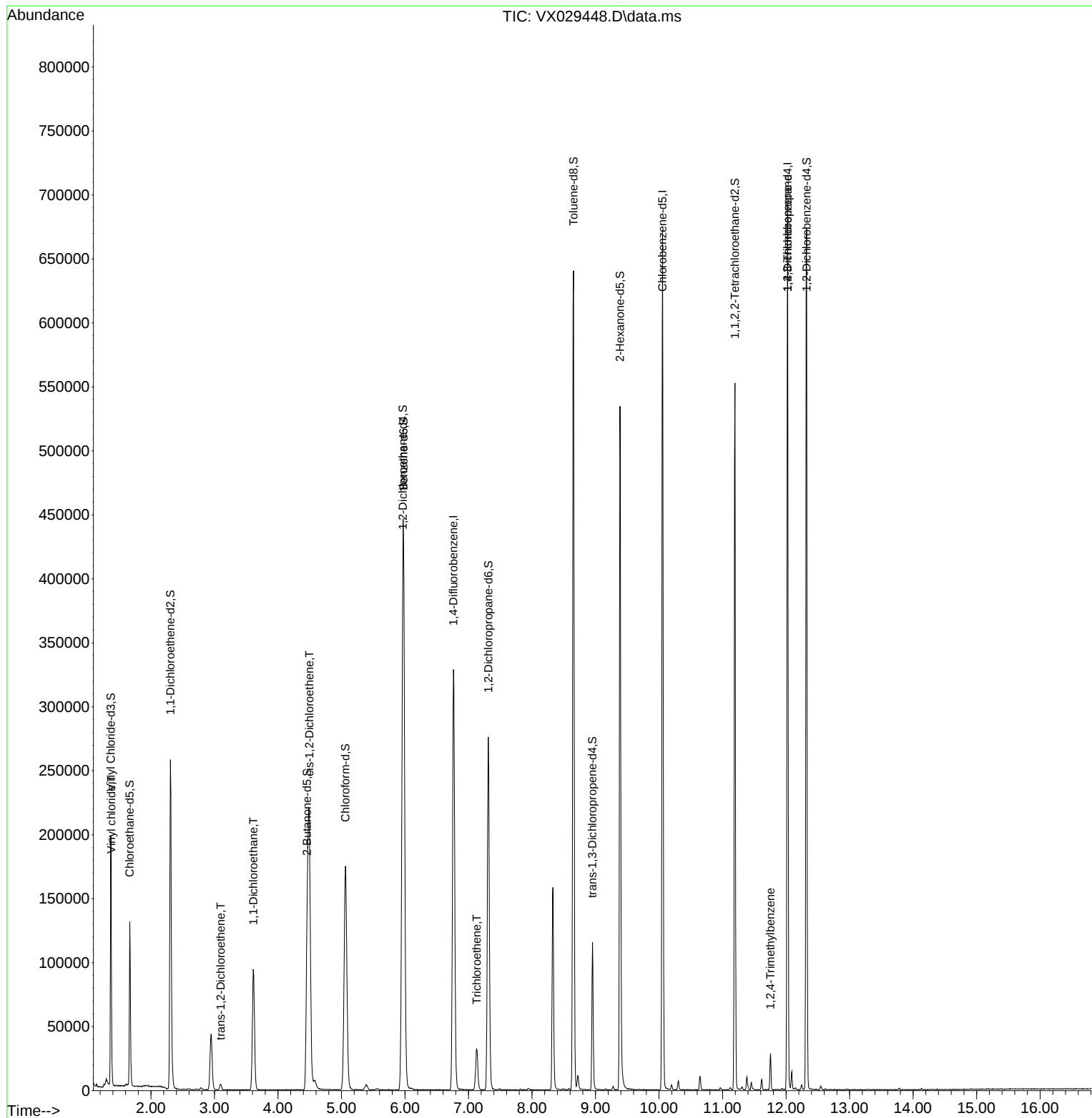
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	347919	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	306777	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	103991	38.604	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.200%	
7) Chloroethane-d5	1.666	69	85157	50.868	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.740%	
11) 1,1-Dichloroethene-d2	2.306	63	144408	29.754	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.500%#	
21) 2-Butanone-d5	4.458	46	213759	104.660	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.660%	
24) Chloroform-d	5.062	84	228452	44.418	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.840%	
26) 1,2-Dichloroethane-d4	5.964	65	152365	45.820	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.640%	
32) Benzene-d6	5.976	84	447541	46.704	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	7.312	67	140386	50.019	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.040%	
41) Toluene-d8	8.653	98	384580	42.570	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.140%	
43) trans-1,3-Dichloroprop...	8.952	79	55701	40.248	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.500%	
47) 2-Hexanone-d5	9.384	63	162195	106.845	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	106.850%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	209512	50.909	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.820%	
66) 1,2-Dichlorobenzene-d4	12.323	152	138805	46.792	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.580%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	26041	8.593	ug/L	90
17) trans-1,2-Dichloroethene	3.099	96	2031	0.804	ug/L	96
19) 1,1-Dichloroethane	3.611	63	106022	23.758	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	116510	40.801	ug/L	95
34) Trichloroethene	7.129	95	12654	3.579	ug/L	85
61) 1,2,3-Trichloropropane	12.024	75	16498	5.528	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.756	105	12199	1.291	ug/L	100

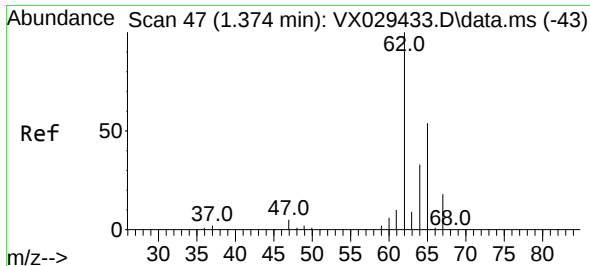
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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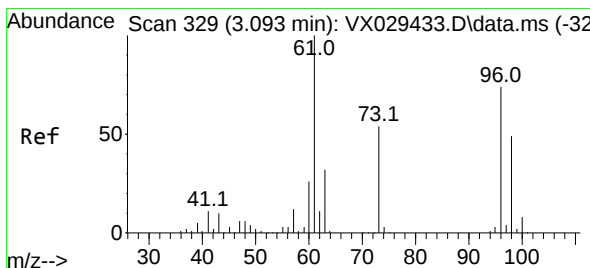
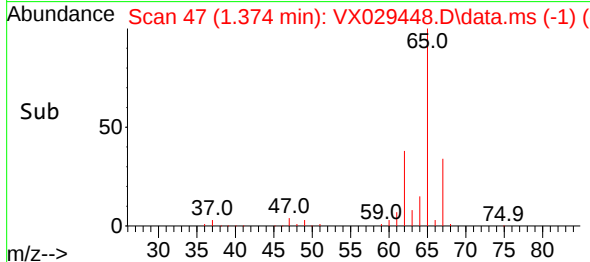
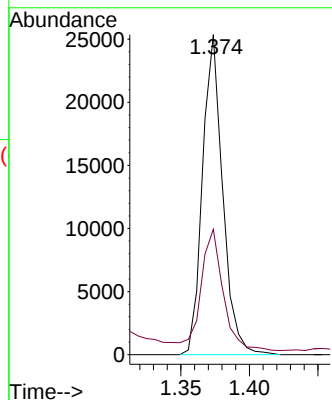
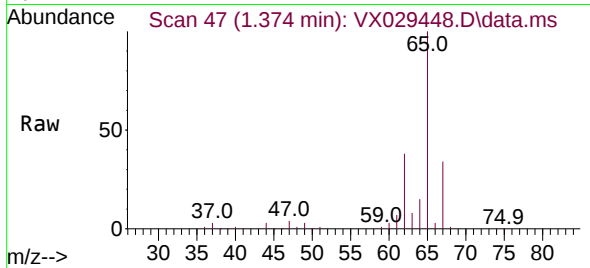




#5
 Vinyl chloride
 Concen: 8.593 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029448.D
 Acq: 14 Jun 2022 05:23

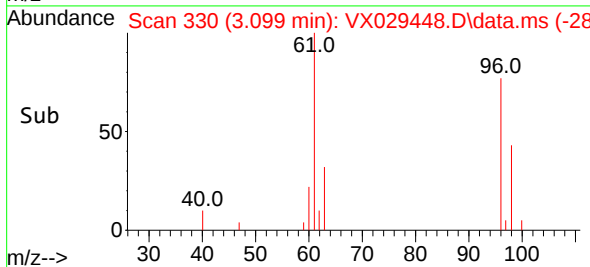
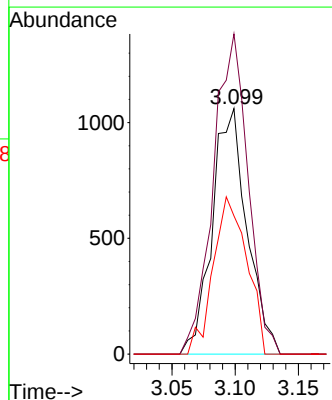
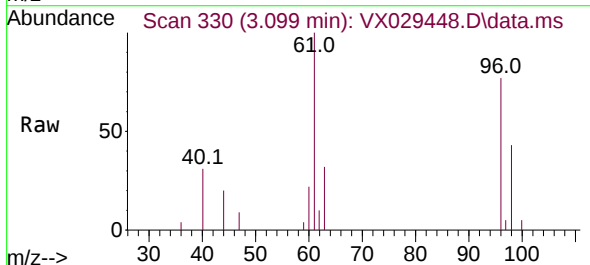
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX5DL

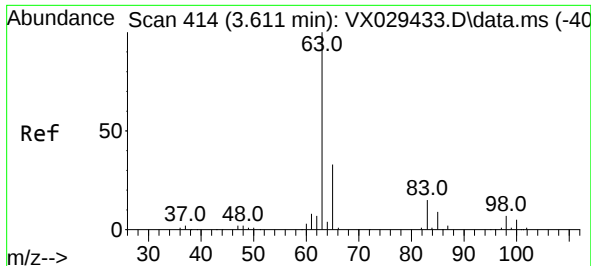
Tgt Ion: 62 Resp: 26041
 Ion Ratio Lower Upper
 62 100
 64 39.2 23.3 43.3



#17
 trans-1,2-Dichloroethene
 Concen: 0.804 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX029448.D
 Acq: 14 Jun 2022 05:23

Tgt Ion: 96 Resp: 2031
 Ion Ratio Lower Upper
 96 100
 61 130.3 93.0 172.6
 98 56.3 44.3 82.3





#19

1,1-Dichloroethane

Concen: 23.758 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX029448.D

Acq: 14 Jun 2022 05:23

Instrument :

MSVOA_X

ClientSampleId :

EXYX5DL

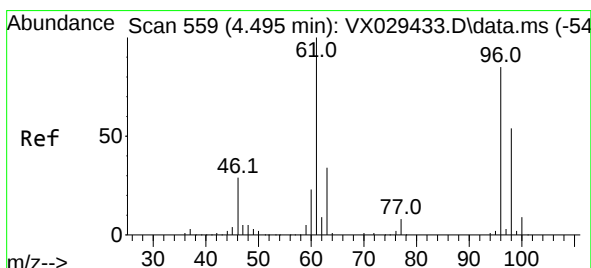
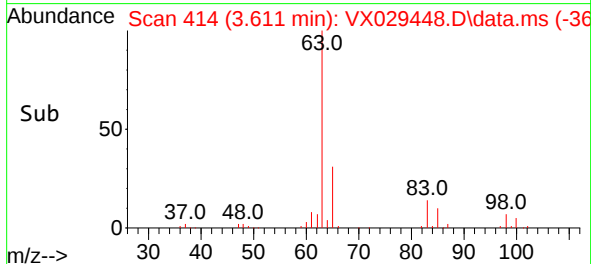
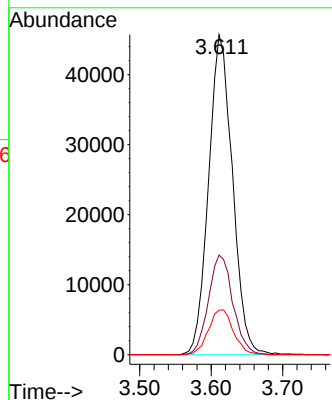
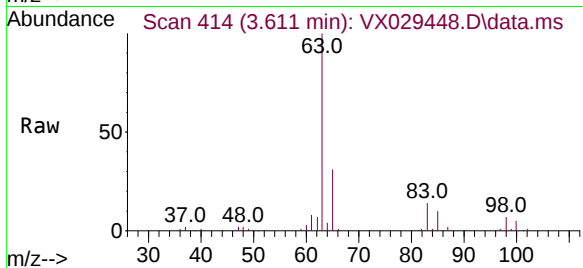
Tgt Ion: 63 Resp: 106022

Ion Ratio Lower Upper

63 100

65 31.2 22.9 42.5

83 13.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 40.801 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX029448.D

Acq: 14 Jun 2022 05:23

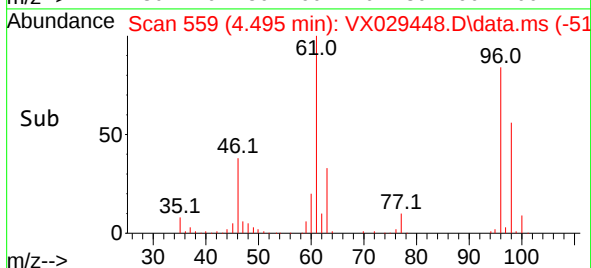
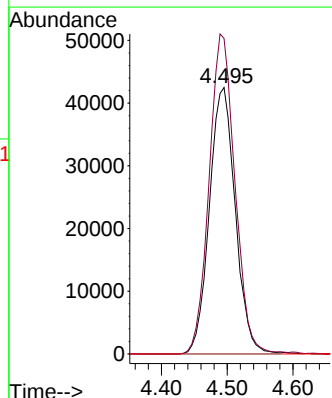
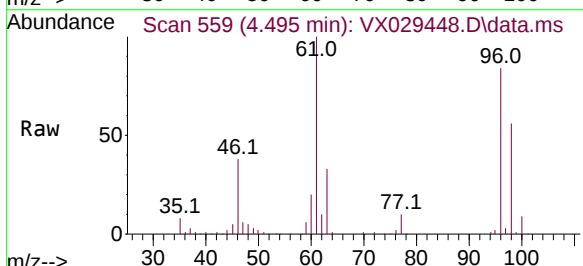
Tgt Ion: 96 Resp: 116510

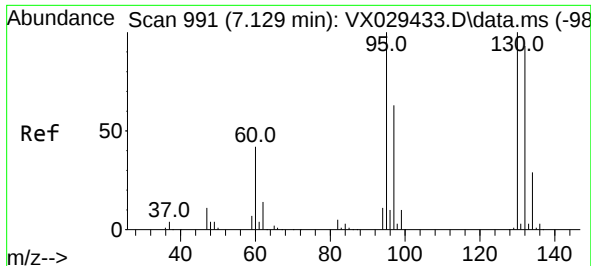
Ion Ratio Lower Upper

96 100

61 118.4 86.7 161.1

68 0.0 0.0 0.0



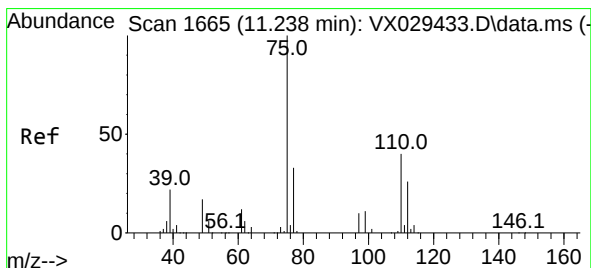
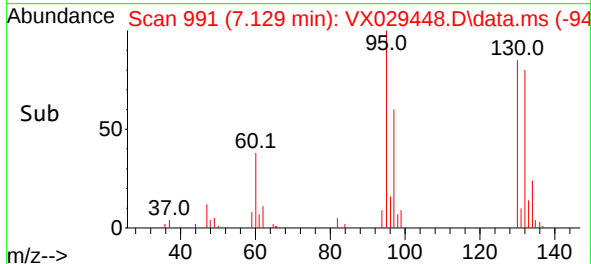
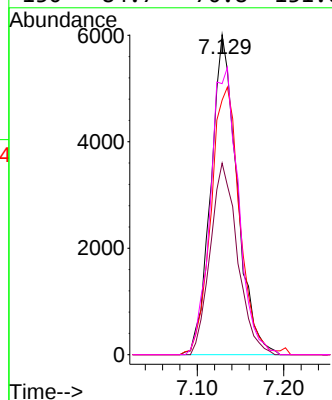
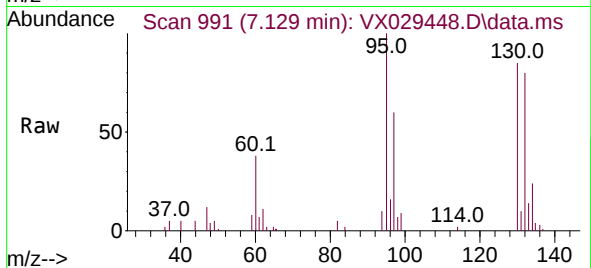


#34
Trichloroethene
Concen: 3.579 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029448.D
Acq: 14 Jun 2022 05:23

Instrument :
MSVOA_X
ClientSampleId :
EXYX5DL

Tgt Ion: 95 Resp: 12654

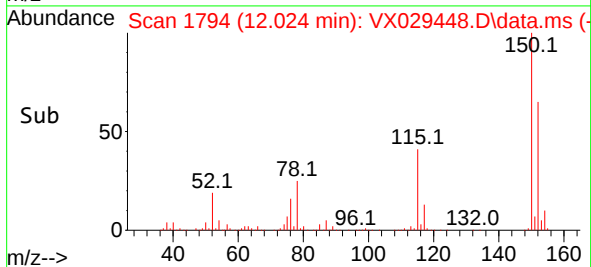
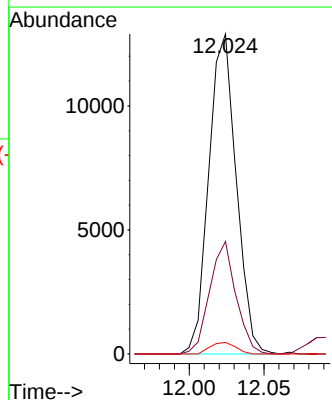
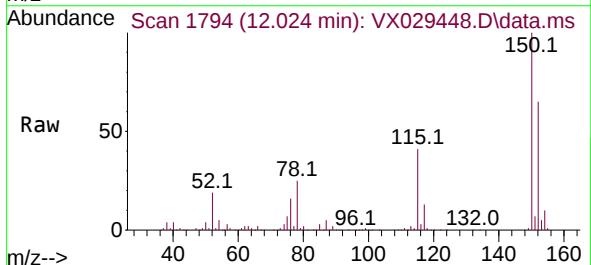
Ion	Ratio	Lower	Upper
95	100		
97	59.8	45.5	84.5
132	79.6	69.9	129.7
130	84.7	70.8	131.6

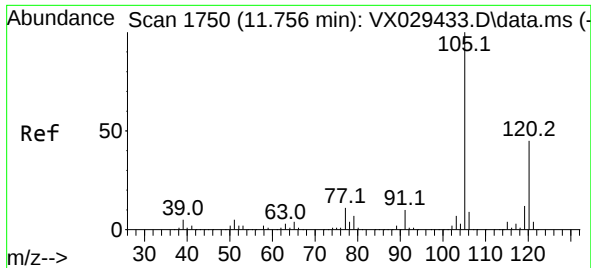


#61
1,2,3-Trichloropropane
Concen: 5.528 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX029448.D
Acq: 14 Jun 2022 05:23

Tgt Ion: 75 Resp: 16498

Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.8	38.6
110	3.3	33.4	50.0#





#63
 1,2,4-Trimethylbenzene
 Concen: 1.291 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029448.D
 Acq: 14 Jun 2022 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX5DL

Tgt Ion:105 Resp: 12199
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.1 54.1

