

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029441.D
 Acq On : 14 Jun 2022 02:41
 Operator : JC/MD
 Sample : N3248-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY0DL

Quant Time: Jun 14 06:45:02 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)

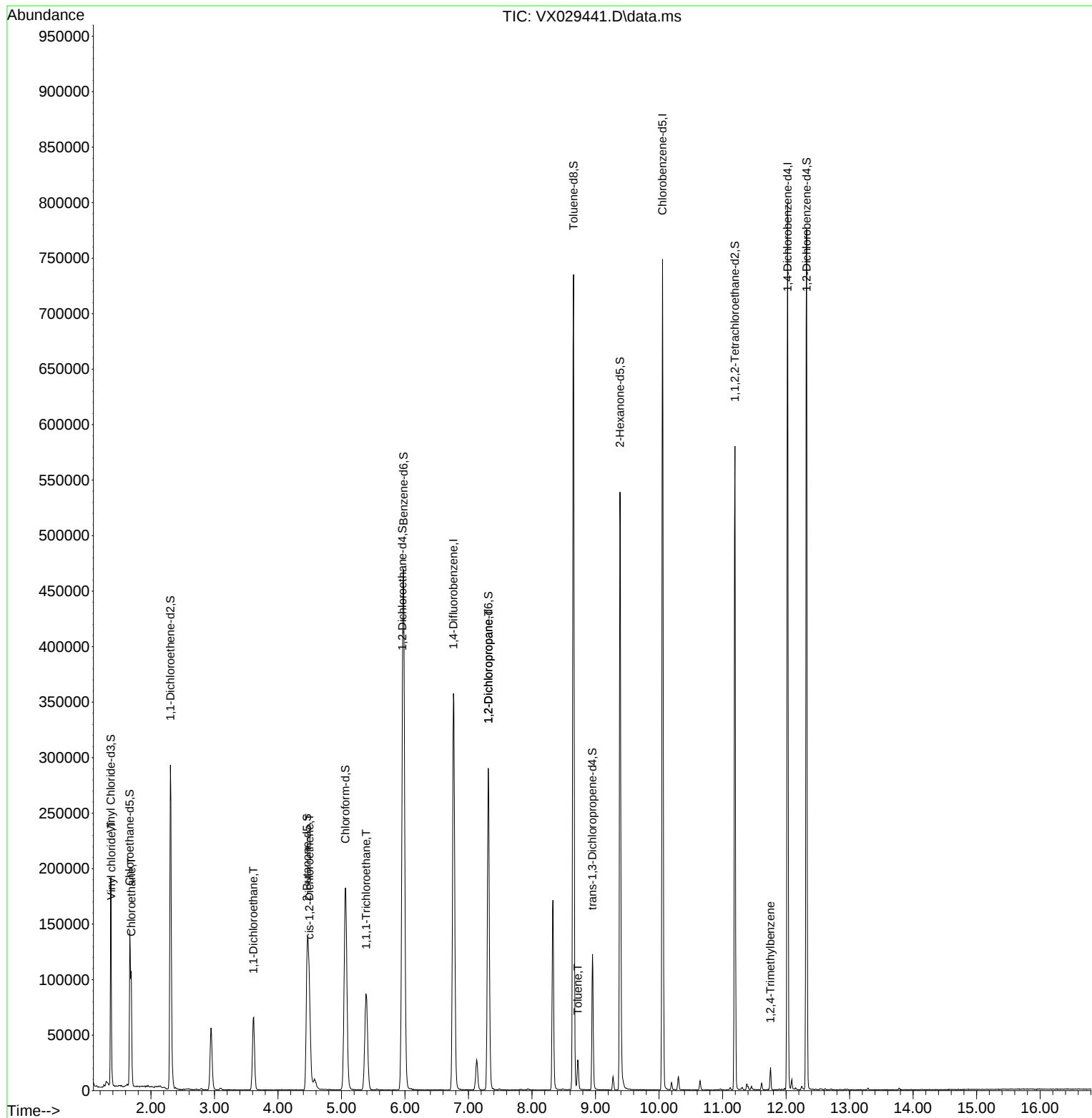
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	375053	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	335889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	160965	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	114622	39.472	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.940%	
7) Chloroethane-d5	1.666	69	91661	50.792	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.580%	
11) 1,1-Dichloroethene-d2	2.306	63	163621	31.273	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.540%	
21) 2-Butanone-d5	4.458	46	217572	98.820	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.820%	
24) Chloroform-d	5.062	84	242534	43.744	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.480%	
26) 1,2-Dichloroethane-d4	5.958	65	158230	44.141	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.280%	
32) Benzene-d6	5.976	84	478986	45.654	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.300%	
36) 1,2-Dichloropropane-d6	7.312	67	148579	48.350	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.700%	
41) Toluene-d8	8.653	98	427933	43.263	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.520%	
43) trans-1,3-Dichloroprop...	8.951	79	60172	39.710	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.420%	
47) 2-Hexanone-d5	9.384	63	168820	101.571	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.570%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	214779	47.666	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.340%	
66) 1,2-Dichlorobenzene-d4	12.323	152	157395	47.032	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.060%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	6422	1.966	ug/L #	44
8) Chloroethane	1.691	64	56773	33.892	ug/L	96
19) 1,1-Dichloroethane	3.611	63	73435	15.265	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	41176	13.376	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	88681	19.037	ug/L	98
37) 1,2-Dichloropropane	7.312	63	16249	6.068	ug/L #	85
42) Toluene	8.720	91	17688	1.478	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	8101	0.760	ug/L	98

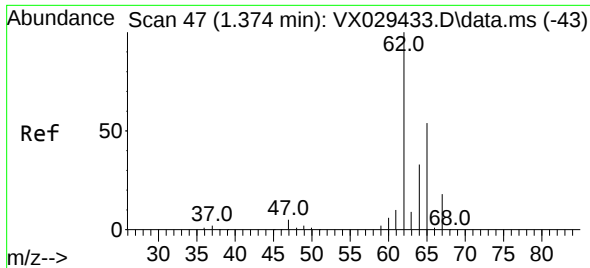
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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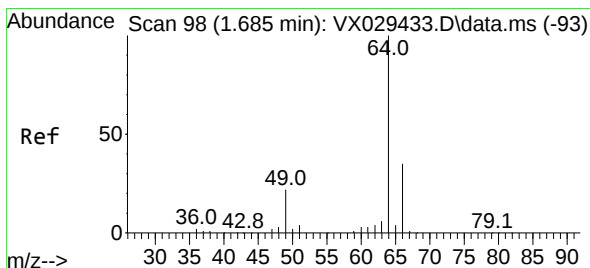
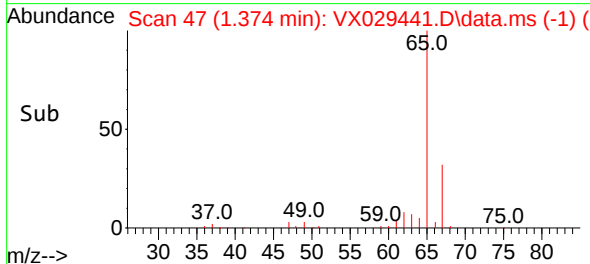
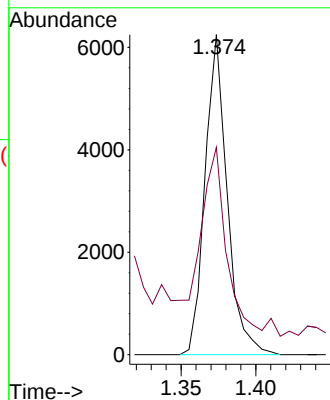
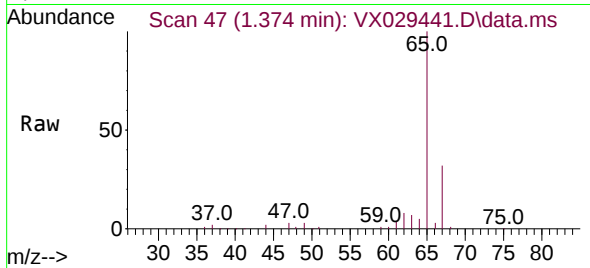




#5
 Vinyl chloride
 Concen: 1.966 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029441.D
 Acq: 14 Jun 2022 02:41

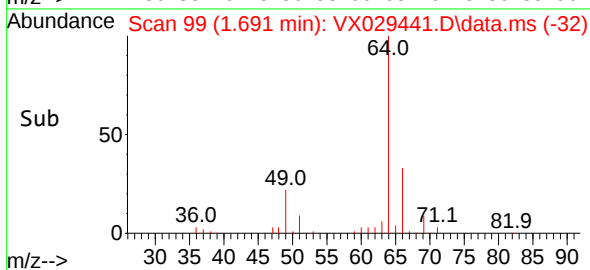
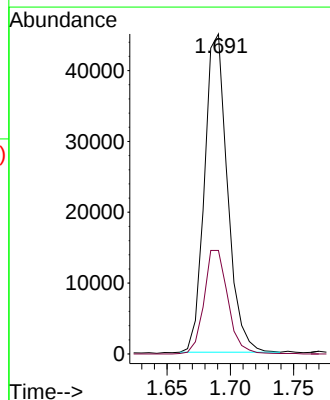
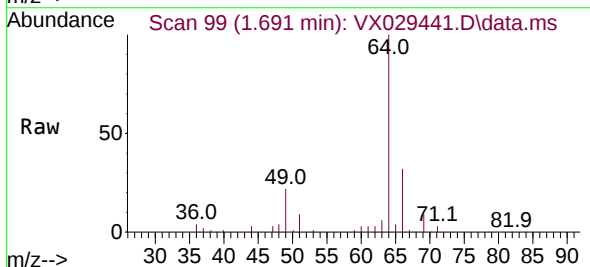
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY0DL

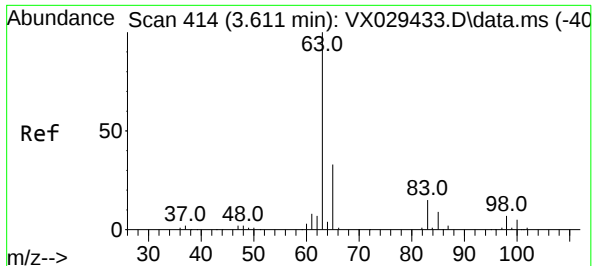
Tgt Ion: 62 Resp: 6422
 Ion Ratio Lower Upper
 62 100
 64 64.8 23.3 43.3#



#8
 Chloroethane
 Concen: 33.892 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX029441.D
 Acq: 14 Jun 2022 02:41

Tgt Ion: 64 Resp: 56773
 Ion Ratio Lower Upper
 64 100
 66 32.3 24.2 45.0





#19

1,1-Dichloroethane

Concen: 15.265 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX029441.D

Acq: 14 Jun 2022 02:41

Instrument :

MSVOA_X

ClientSampleId :

EXYY0DL

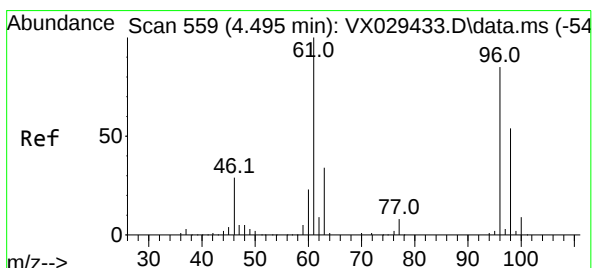
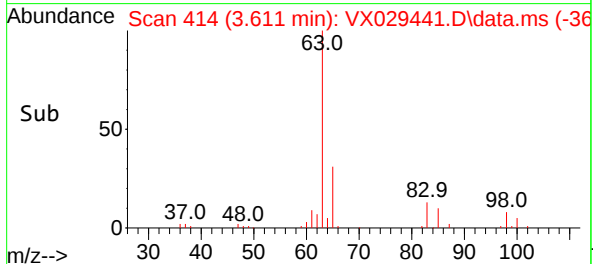
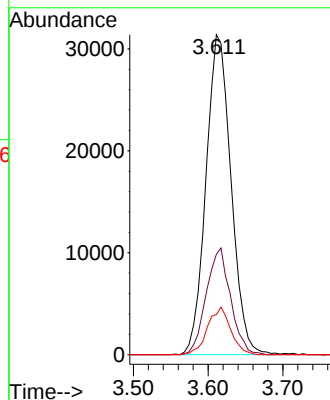
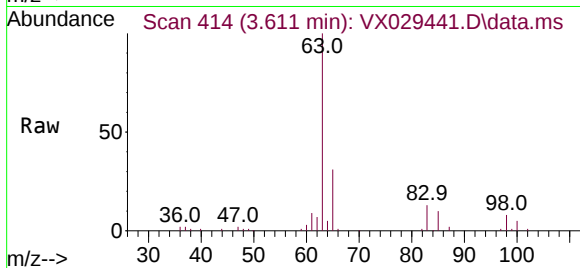
Tgt Ion: 63 Resp: 73435

Ion Ratio Lower Upper

63 100

65 31.3 22.9 42.5

83 12.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 13.376 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX029441.D

Acq: 14 Jun 2022 02:41

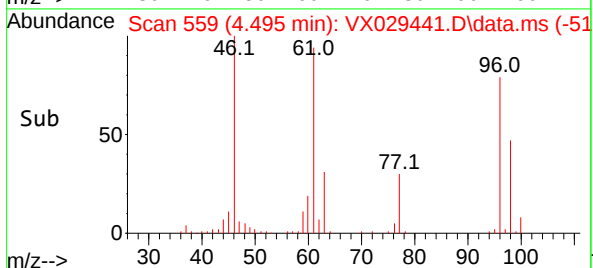
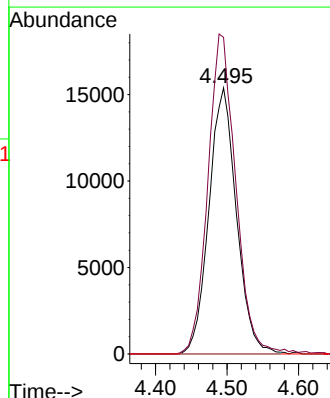
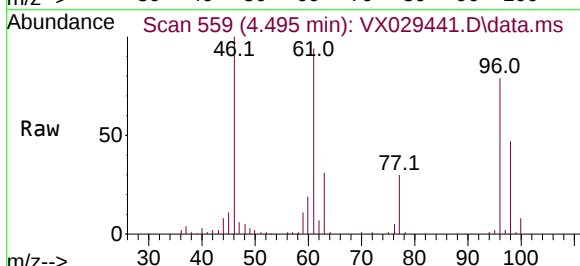
Tgt Ion: 96 Resp: 41176

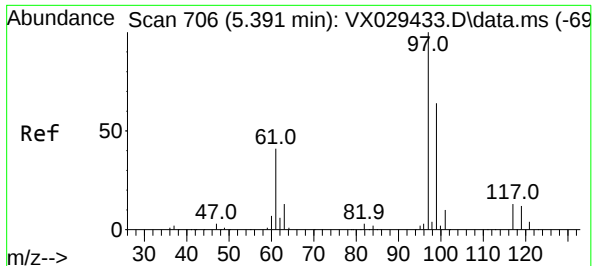
Ion Ratio Lower Upper

96 100

61 119.0 86.7 161.1

68 0.0 0.0 0.0

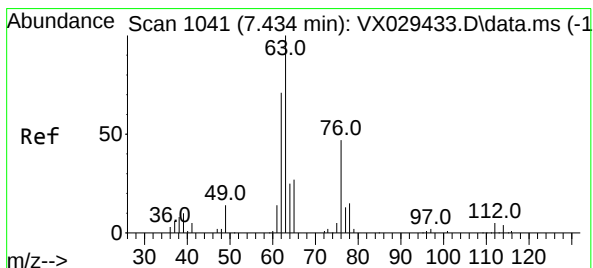
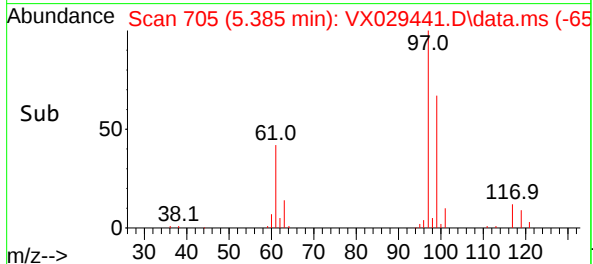
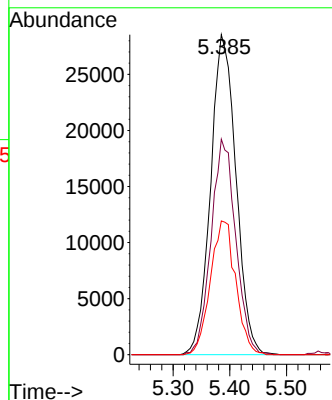
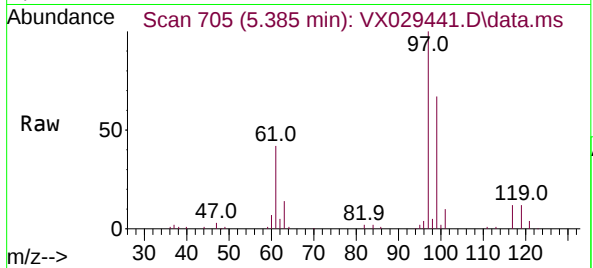




#30
1,1,1-Trichloroethane
Concen: 19.037 ug/L
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029441.D
Acq: 14 Jun 2022 02:41

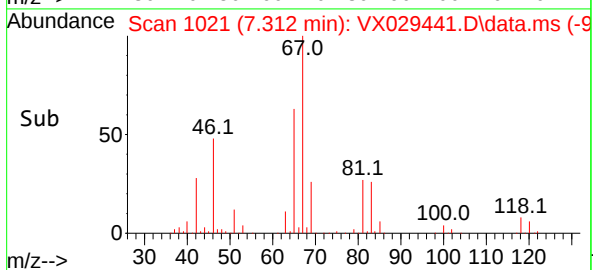
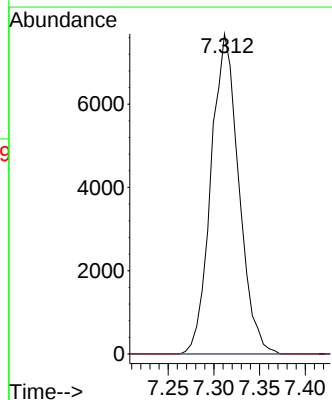
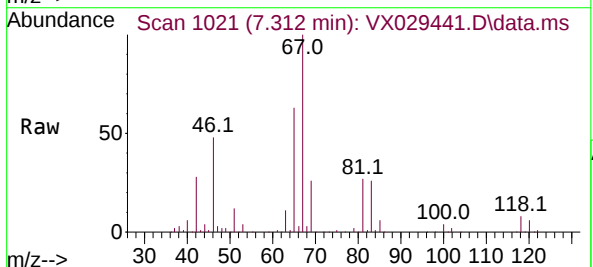
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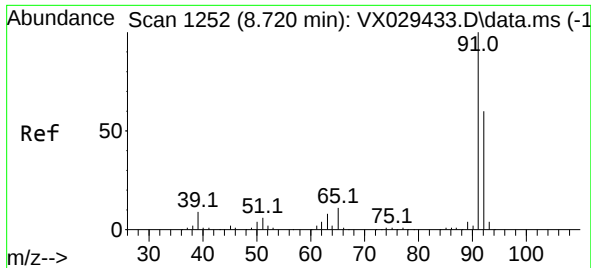
Tgt Ion: 97 Resp: 88681
Ion Ratio Lower Upper
97 100
99 65.2 51.5 77.3
61 41.6 35.2 52.8



#37
1,2-Dichloropropane
Concen: 6.068 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX029441.D
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Tgt Ion: 63 Resp: 16249
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

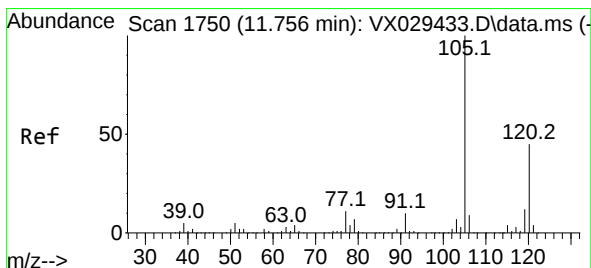
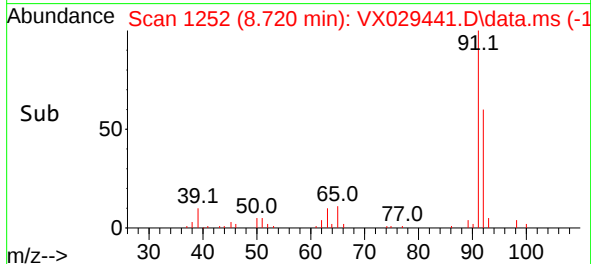
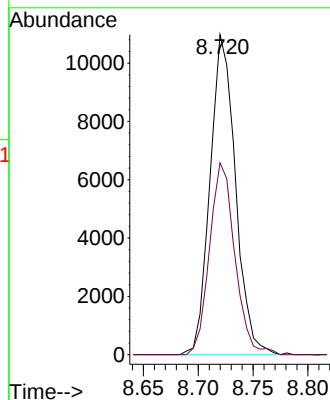
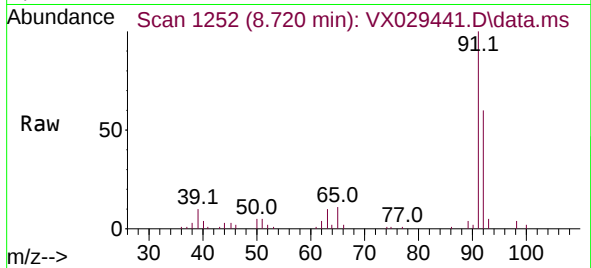




#42
Toluene
Concen: 1.478 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029441.D
Acq: 14 Jun 2022 02:41

Instrument :
MSVOA_X
ClientSampleId :
EXYY0DL

Tgt Ion: 91 Resp: 17688
Ion Ratio Lower Upper
91 100
92 60.0 41.5 77.1



#63
1,2,4-Trimethylbenzene
Concen: 0.760 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029441.D
Acq: 14 Jun 2022 02:41

Tgt Ion: 105 Resp: 8101
Ion Ratio Lower Upper
105 100
120 46.3 36.1 54.1

