

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013125\
 Data File : VX044792.D
 Acq On : 31 Jan 2025 13:30
 Operator : JC/MD
 Sample : Q1189-11ME
 Misc : 14.77g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 03 07:33:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 07:31:09 2025
 Response via : Initial Calibration

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

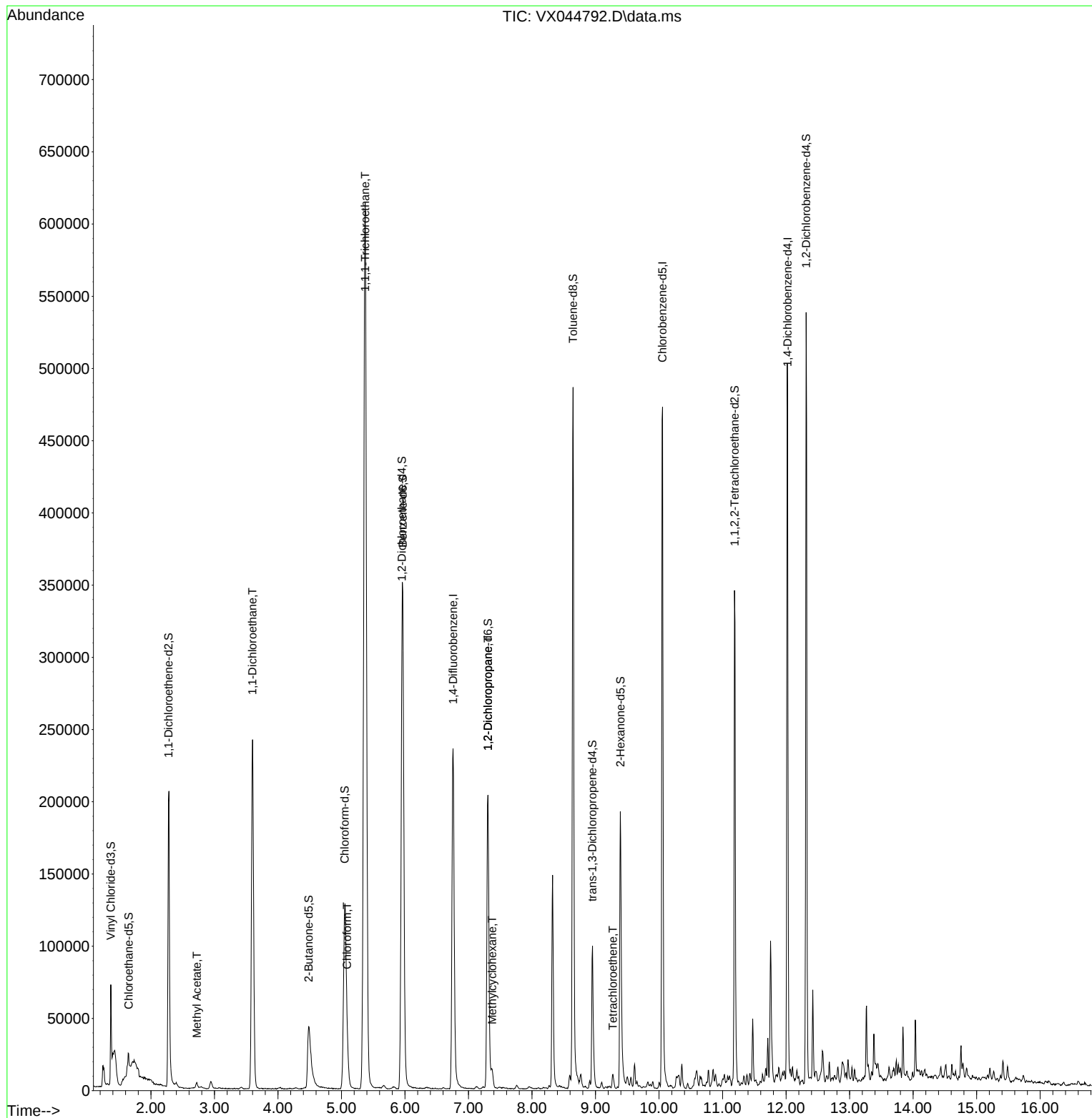
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	258870	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	227780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50232	25.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.560%#
7) Chloroethane-d5	1.648	69	8899	12.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	24.040%#
11) 1,1-Dichloroethene-d2	2.276	65	38912	46.717	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.440%
21) 2-Butanone-d5	4.483	46	96600	115.960	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.960%
24) Chloroform-d	5.050	84	161051	47.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
26) 1,2-Dichloroethane-d4	5.952	65	101528	49.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	5.964	84	346957	48.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	7.306	67	112611	49.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.900%
41) Toluene-d8	8.647	98	305871	48.523	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.040%
43) trans-1,3-Dichloroprop...	8.952	79	49346	46.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.300%
47) 2-Hexanone-d5	9.391	63	67679	101.441	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142994	51.045	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	103690	52.445	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.900%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.721	43	5270	2.742	ug/L	95
19) 1,1-Dichloroethane	3.599	63	274348	83.599	ug/L	98
25) Chloroform	5.086	83	22018	6.613	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	611789	212.290	ug/L	99
35) Methylcyclohexane	7.373	83	5195	1.590	ug/L	90
37) 1,2-Dichloropropane	7.306	63	11680	5.752	ug/L #	87
46) Tetrachloroethene	9.275	164	1773	1.307	ug/L	97

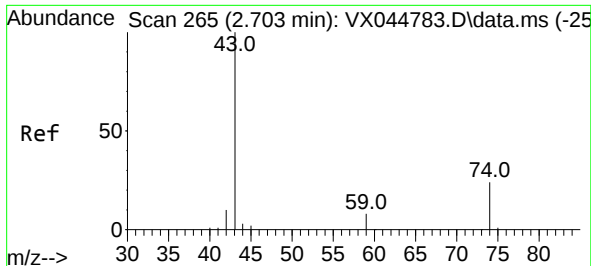
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 03 07:33:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 03 07:31:09 2025
Response via : Initial Calibration

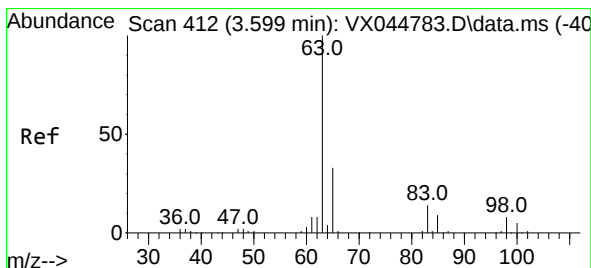
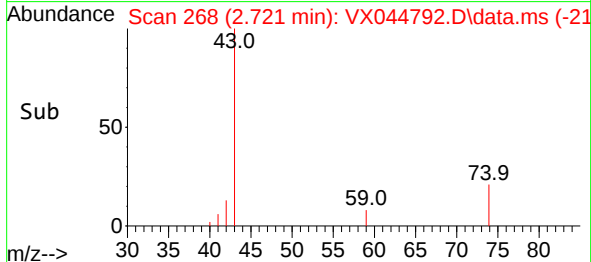
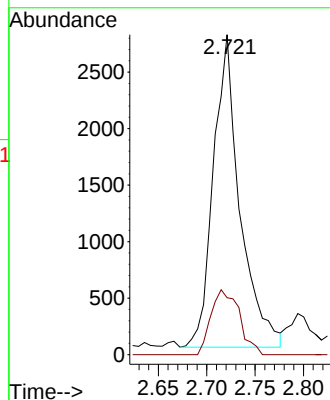
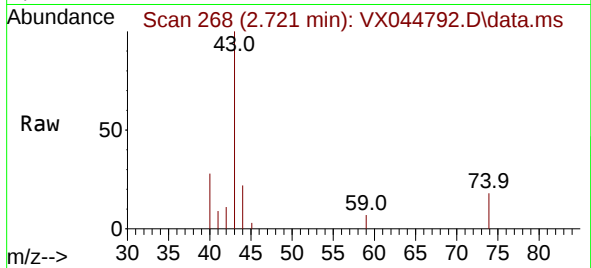




#15
Methyl Acetate
Concen: 2.742 ug/L
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX044792.D
Acq: 31 Jan 2025 13:30

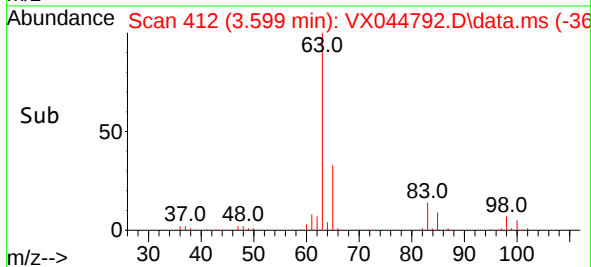
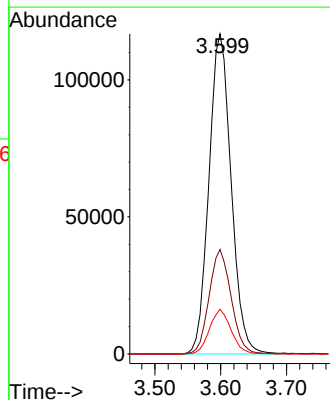
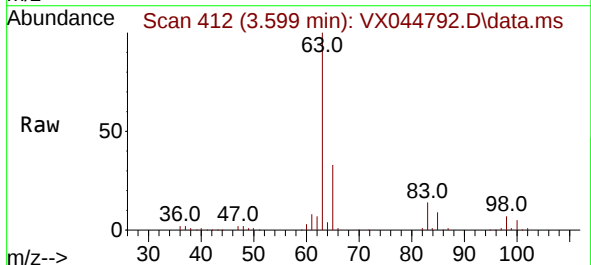
Instrument :
MSVOA_X
ClientSampleId :

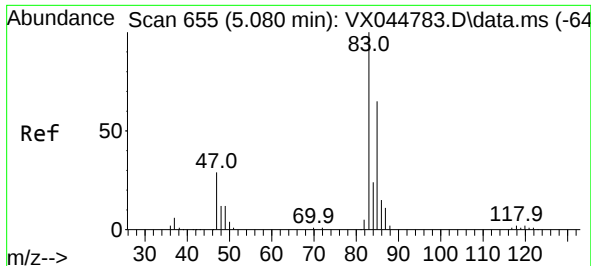
Tgt Ion: 43 Resp: 5270
Ion Ratio Lower Upper
43 100
74 22.2 19.7 29.5



#19
1,1-Dichloroethane
Concen: 83.599 ug/L
RT: 3.599 min Scan# 412
Delta R.T. -0.000 min
Lab File: VX044792.D
Acq: 31 Jan 2025 13:30

Tgt Ion: 63 Resp: 274348
Ion Ratio Lower Upper
63 100
65 32.6 21.8 40.6
83 14.0 9.4 17.4





#25

Chloroform

Concen: 6.613 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX044792.D

Acq: 31 Jan 2025 13:30

Instrument :

MSVOA_X

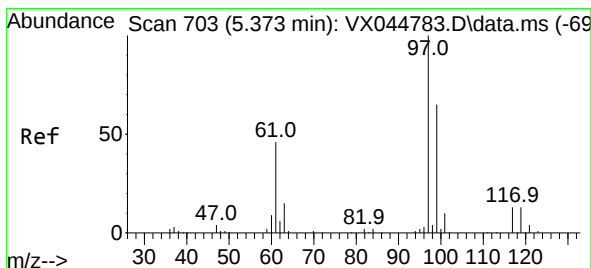
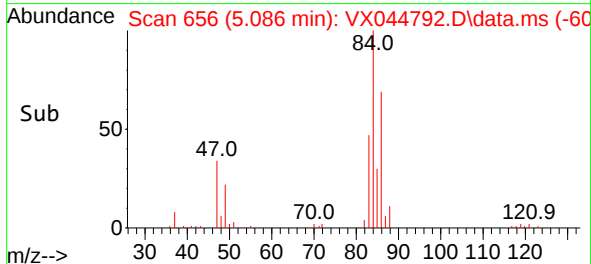
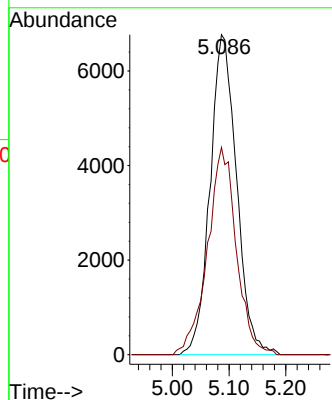
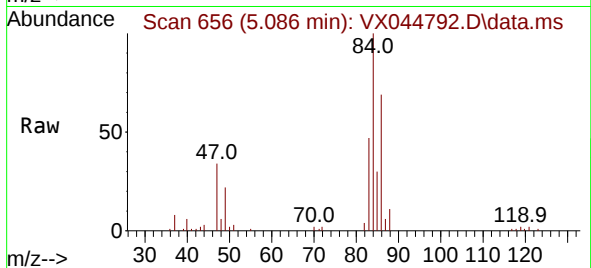
ClientSampleId :

Tgt Ion: 83 Resp: 22018

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2



#30

1,1,1-Trichloroethane

Concen: 212.290 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044792.D

Acq: 31 Jan 2025 13:30

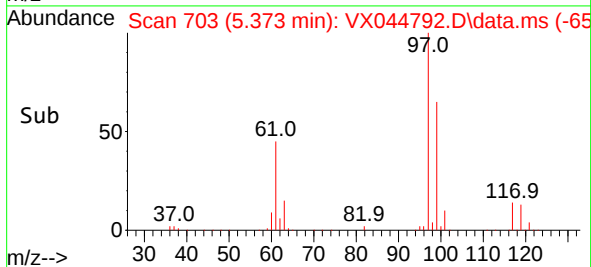
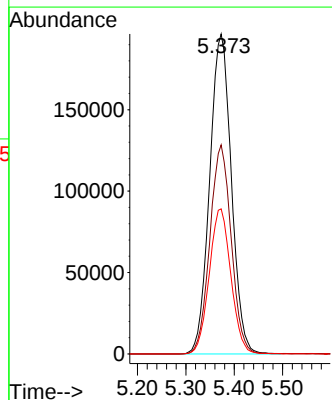
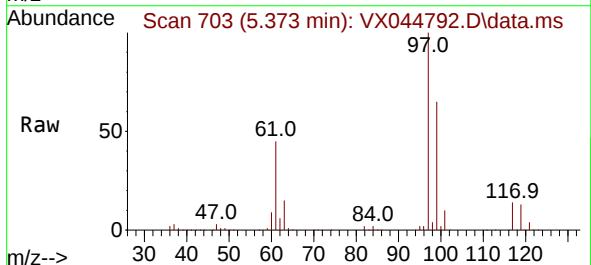
Tgt Ion: 97 Resp: 611789

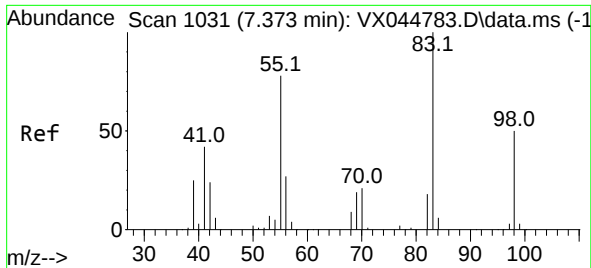
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

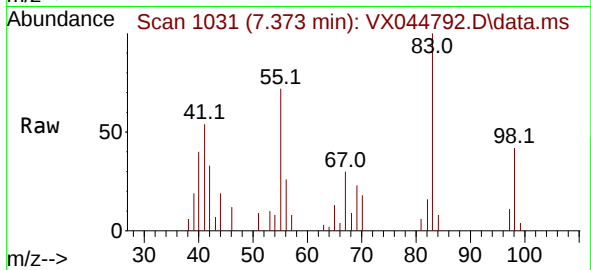
61 45.3 35.8 53.6



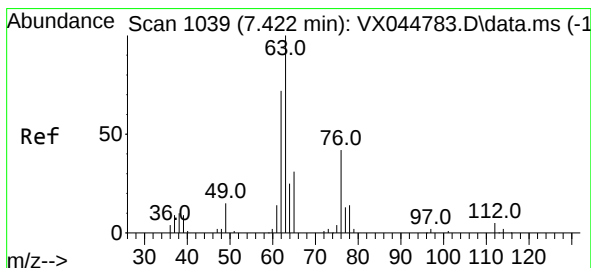
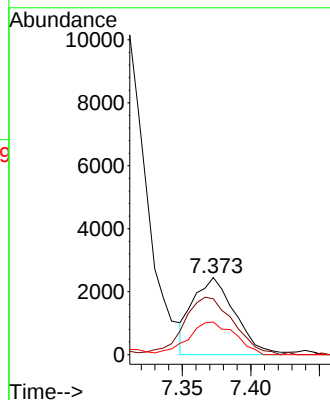
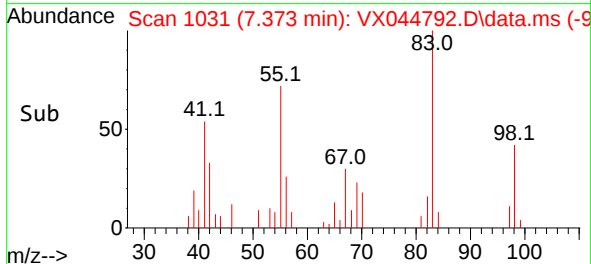


#35
Methylcyclohexane
Concen: 1.590 ug/L
RT: 7.373 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VX044792.D
Acq: 31 Jan 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :

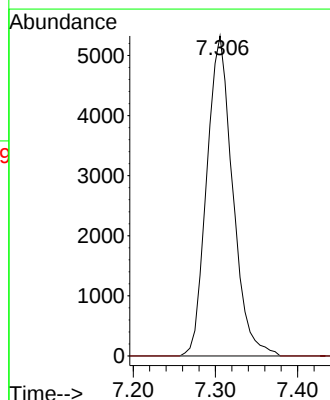
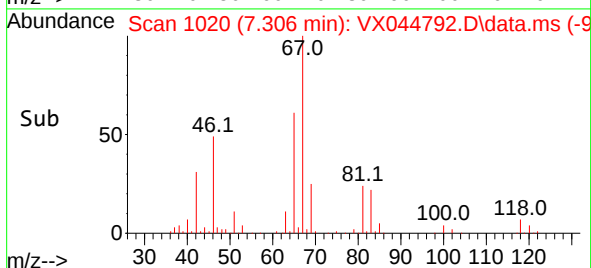
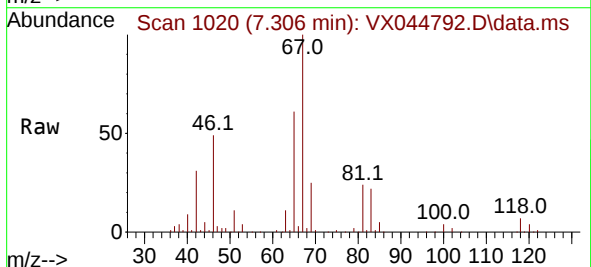


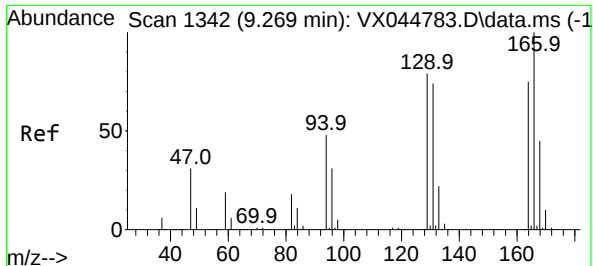
Tgt Ion: 83 Resp: 5195
Ion Ratio Lower Upper
83 100
55 88.2 60.6 90.8
98 46.8 38.9 58.3



#37
1,2-Dichloropropane
Concen: 5.752 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.116 min
Lab File: VX044792.D
Acq: 31 Jan 2025 13:30

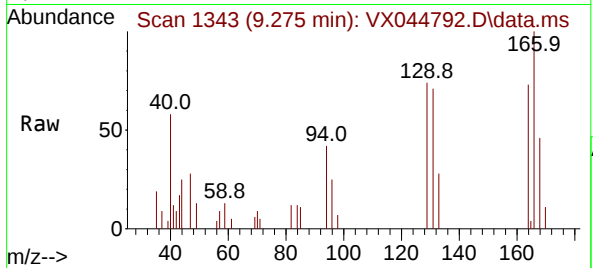
Tgt Ion: 63 Resp: 11680
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#46
 Tetrachloroethene
 Concen: 1.307 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX044792.D
 Acq: 31 Jan 2025 13:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt	Ion:164	Resp:	1773
Ion	Ratio	Lower	Upper
164	100		
129	100.9	71.2	132.2
131	97.2	67.2	124.8
166	136.2	90.0	167.2

