

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102621\
 Data File : VX024950.D
 Acq On : 26 Oct 2021 16:47
 Operator : JC/MD
 Sample : M4304-13
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 03:04:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 02:59:04 2021
 Response via : Initial Calibration

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

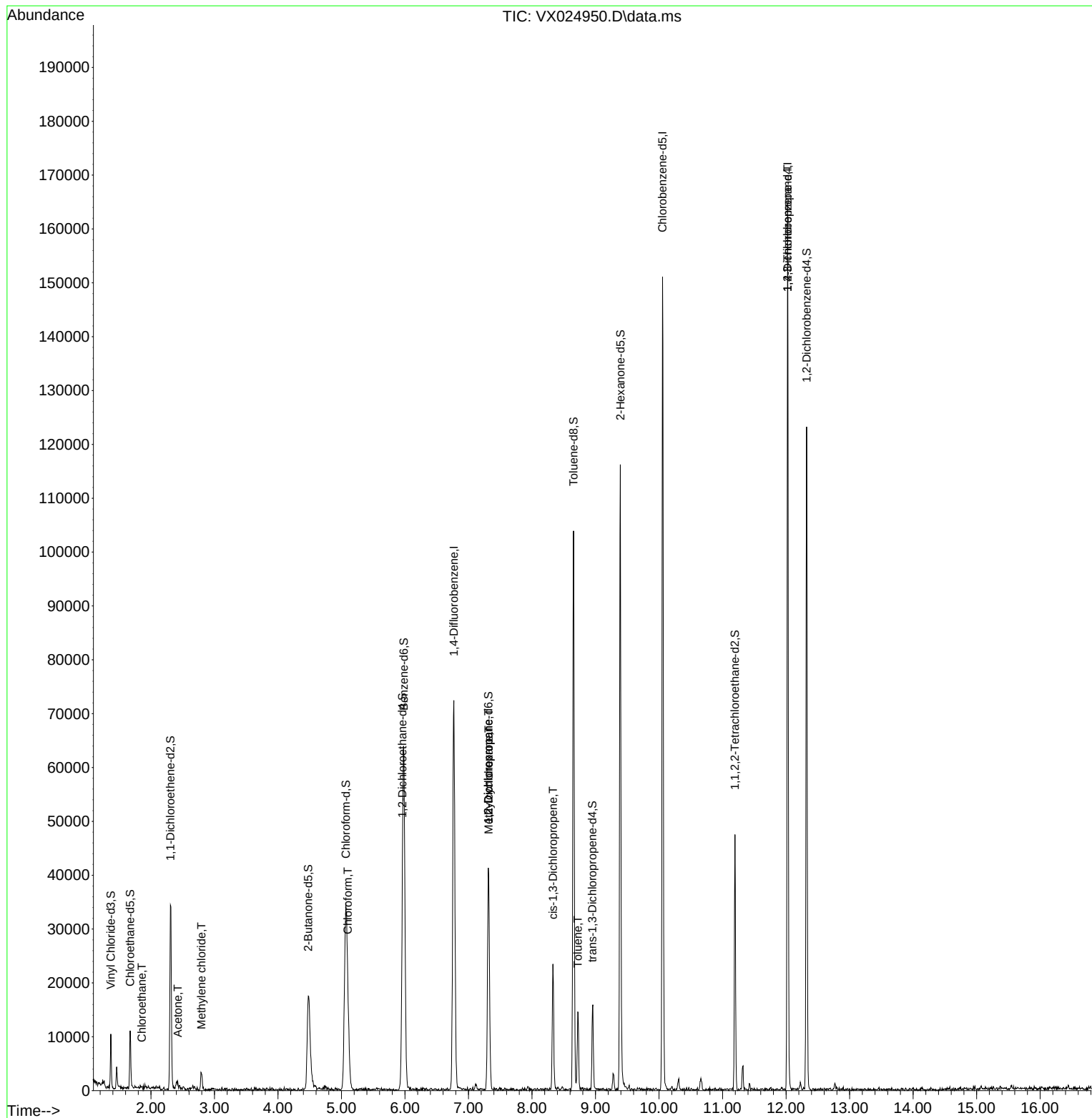
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	68927	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	6123	3.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.673	69	6859	3.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.307	63	19701	2.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	4.477	46	32596	44.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.120%
24) Chloroform-d	5.068	84	45242	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.958	65	22147	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.983	84	65283	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	7.312	67	20176	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	8.653	98	63125	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.952	79	8788	3.863	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	9.391	63	36030	44.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.000%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17058	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	24425	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.855	64	228	0.112	ug/L	100
13) Acetone	2.422	43	2514	4.530	ug/L	67
16) Methylene chloride	2.794	84	1544	0.314	ug/L	90
25) Chloroform	5.099	83	14771	1.319	ug/L	96
35) Methylcyclohexane	7.318	83	6147	0.693	ug/L #	21
37) 1,2-Dichloropropane	7.312	63	2647	0.556	ug/L #	93
39) cis-1,3-Dichloropropene	8.330	75	861	0.107	ug/L #	75
42) Toluene	8.720	91	10014	0.440	ug/L	83
61) 1,2,3-Trichloropropane	12.024	75	3481	1.098	ug/L #	61

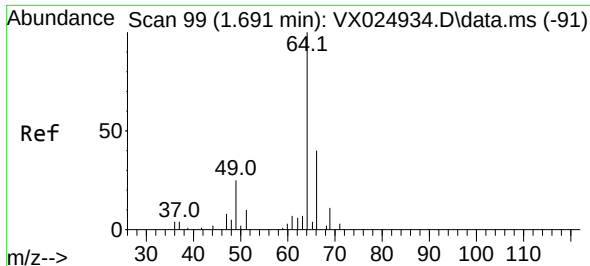
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 02:59:04 2021
Response via : Initial Calibration

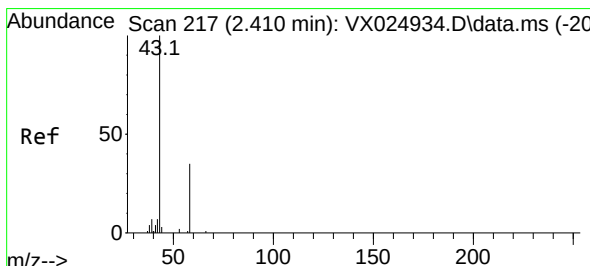
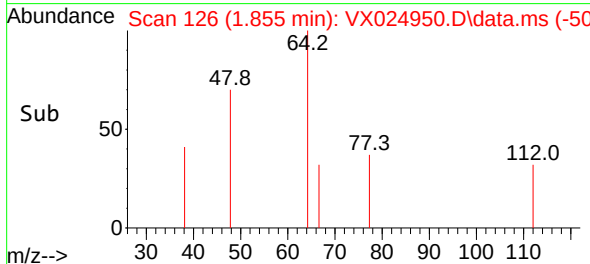
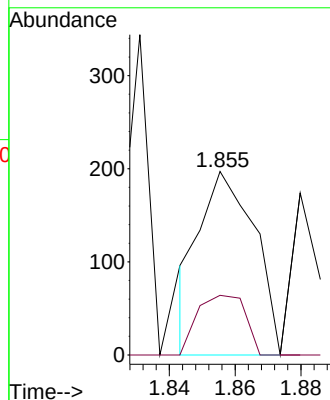
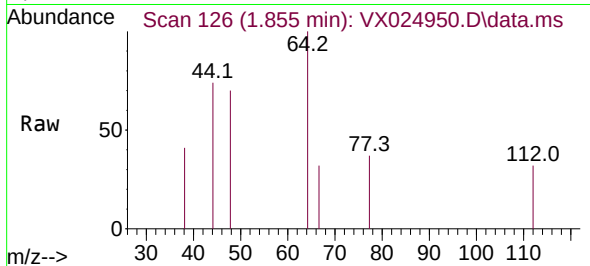




#8
Chloroethane
Concen: 0.112 ug/L
RT: 1.855 min Scan# 126
Delta R.T. 0.165 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

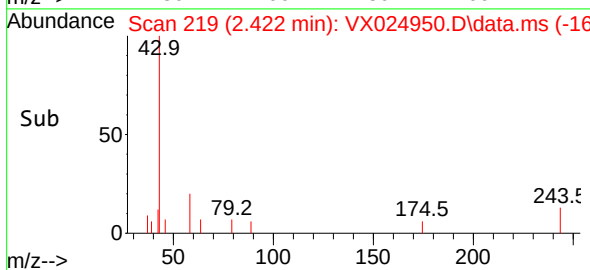
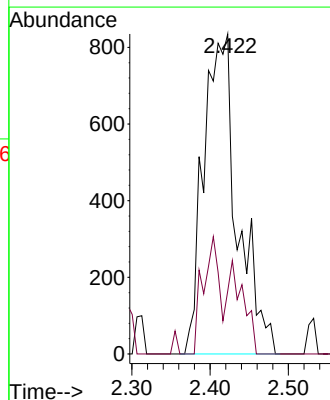
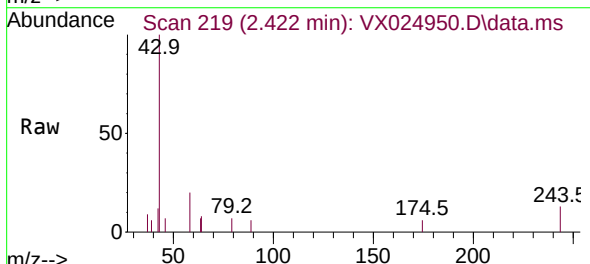
Instrument :
MSVOA_X
ClientSampled :

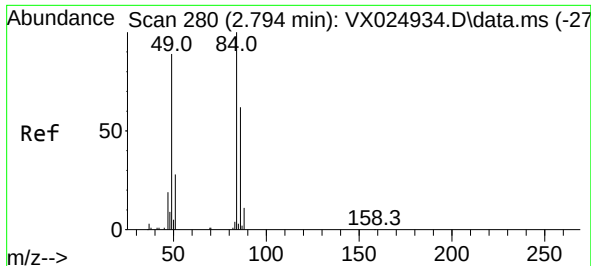
Tgt Ion: 64 Resp: 228
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#13
Acetone
Concen: 4.530 ug/L
RT: 2.422 min Scan# 219
Delta R.T. 0.012 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 13.7 0.0 64.2

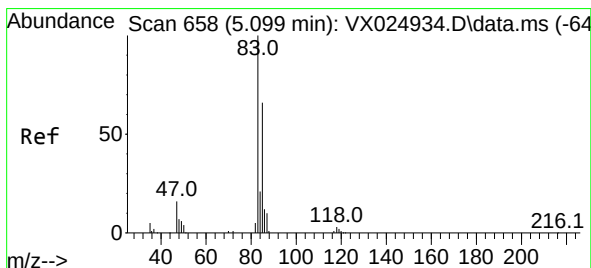
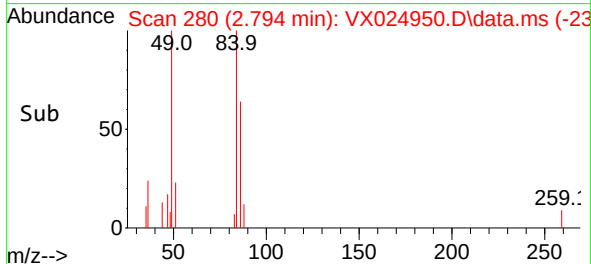
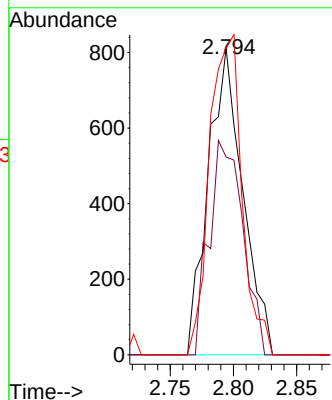
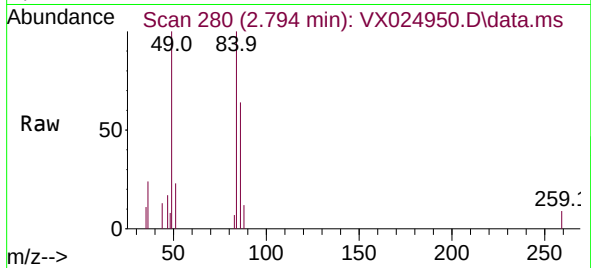




#16
Methylene chloride
Concen: 0.314 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

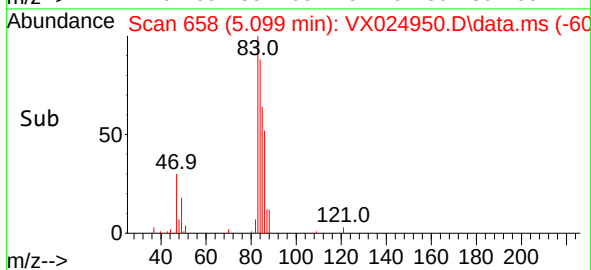
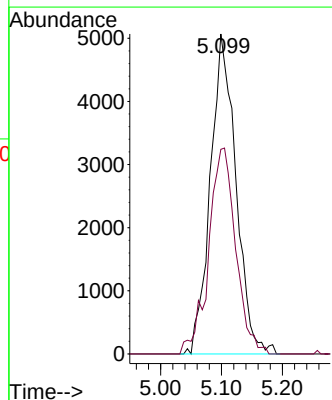
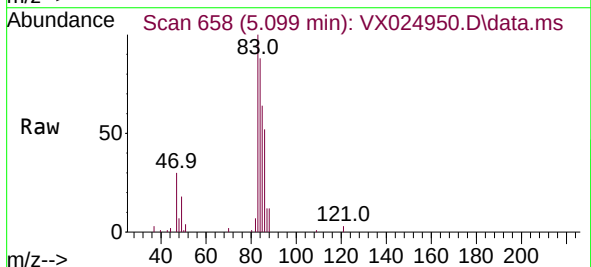
Instrument :
MSVOA_X
ClientSampleId :

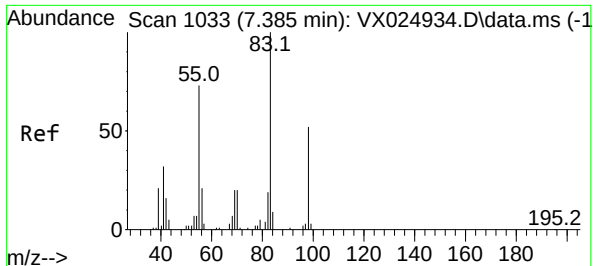
Tgt Ion: 84 Resp: 1544
Ion Ratio Lower Upper
84 100
86 64.4 49.5 91.9
49 100.0 62.7 116.5



#25
Chloroform
Concen: 1.319 ug/L
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

Tgt Ion: 83 Resp: 14771
Ion Ratio Lower Upper
83 100
85 64.0 47.0 87.4

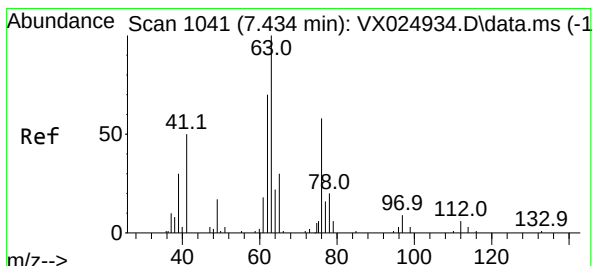
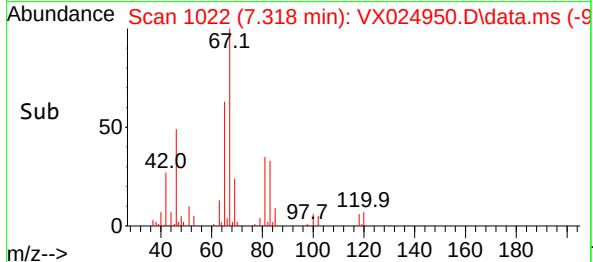
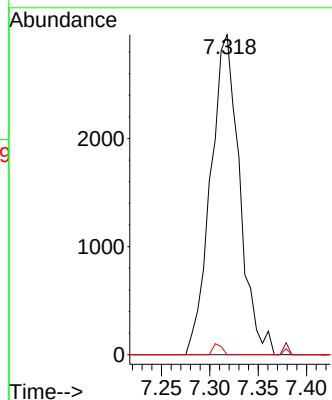
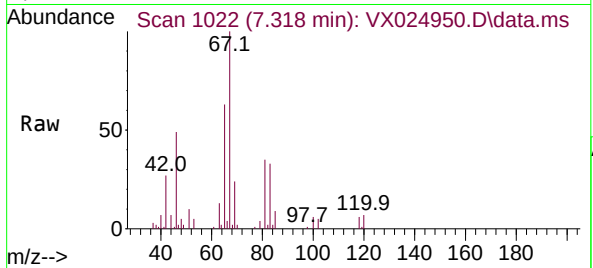




#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

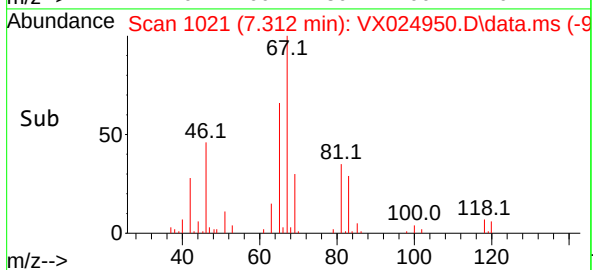
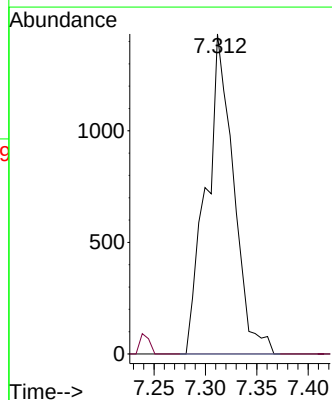
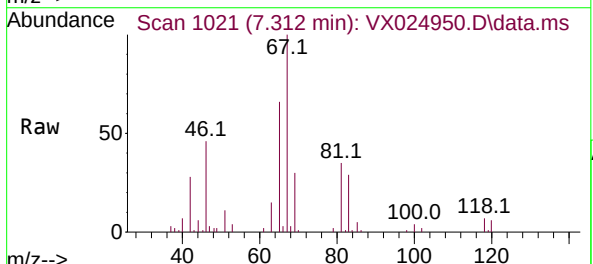
Instrument :
MSVOA_X
ClientSampled :

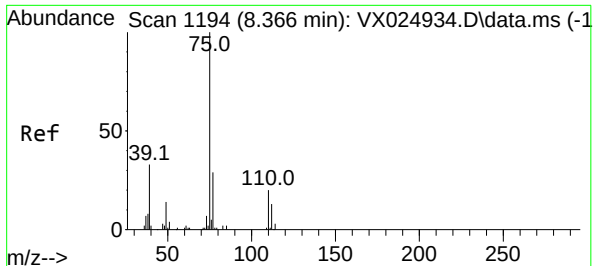
Tgt Ion: 83 Resp: 6147
Ion Ratio Lower Upper
83 100
55 0.0 55.7 83.5#
98 1.1 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

Tgt Ion: 63 Resp: 2647
Ion Ratio Lower Upper
63 100
112 2.2 3.5 5.3#

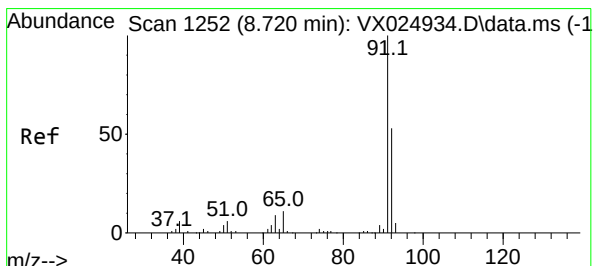
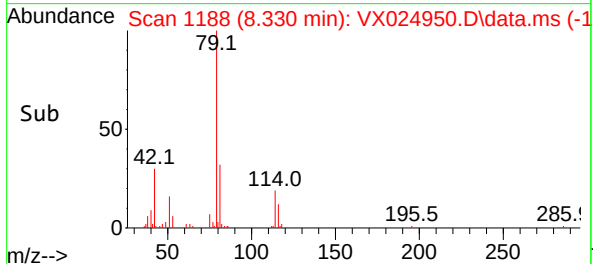
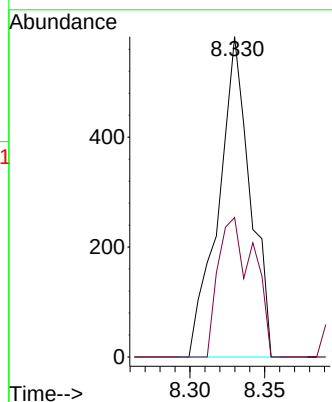
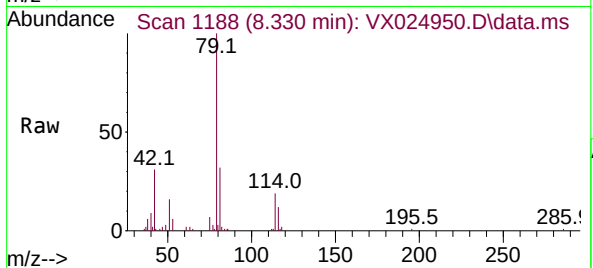




#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

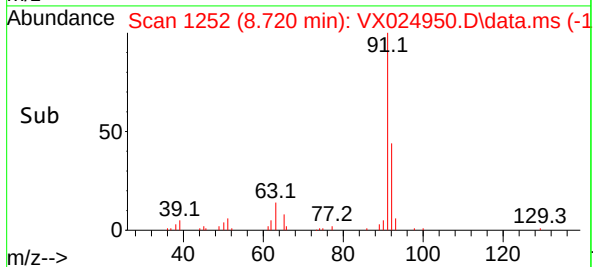
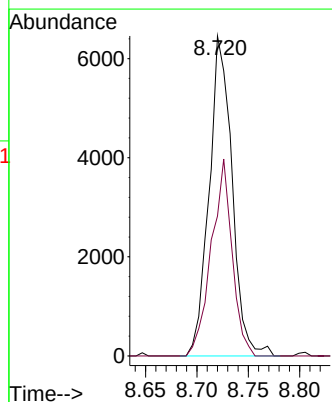
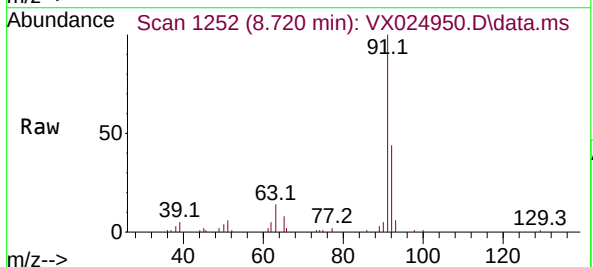
Instrument :
MSVOA_X
ClientSampled :

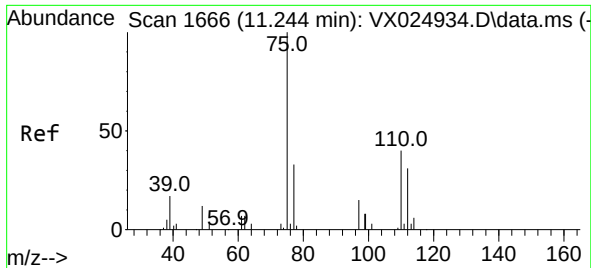
Tgt Ion: 75 Resp: 861
Ion Ratio Lower Upper
75 100
77 43.6 20.9 38.9#



#42
Toluene
Concen: 0.440 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024950.D
Acq: 26 Oct 2021 16:47

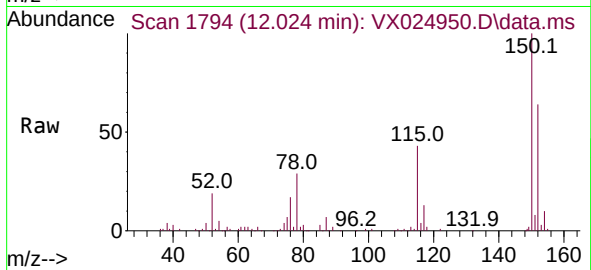
Tgt Ion: 91 Resp: 10014
Ion Ratio Lower Upper
91 100
92 43.7 39.1 72.5





#61
 1,2,3-Trichloropropane
 Concen: 1.098 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX024950.D
 Acq: 26 Oct 2021 16:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 3481
 Ion Ratio Lower Upper
 75 100
 77 42.2 28.1 42.1#
 110 4.9 34.7 52.1#

