

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102321\
 Data File : VX024889.D
 Acq On : 23 Oct 2021 12:39
 Operator : JC/MD
 Sample : M4291-17
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 02:32:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 02:31:08 2021
 Response via : Initial Calibration

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

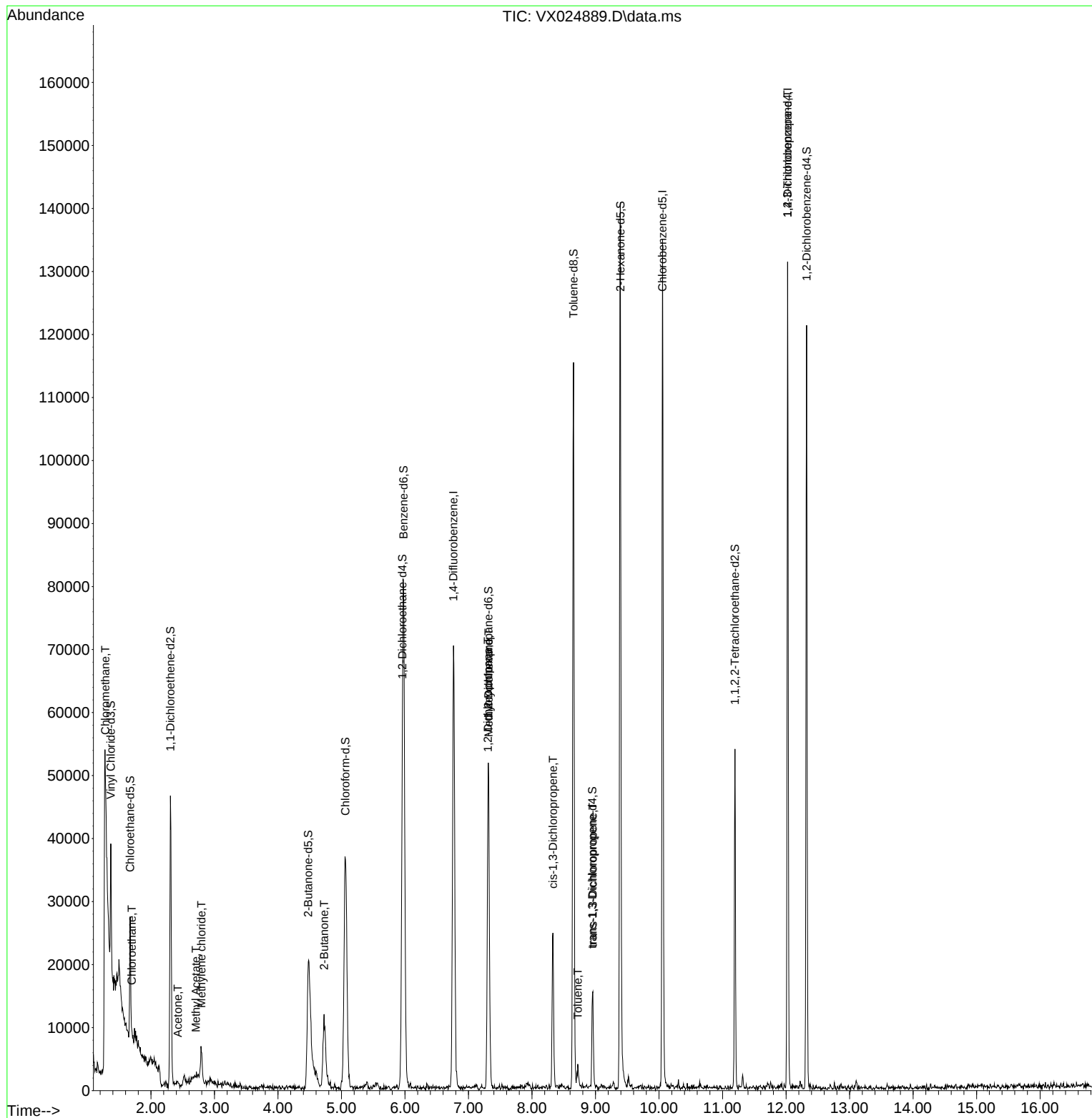
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	64032	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	55397	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	25074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	11614	6.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 123.600%	
7) Chloroethane-d5	1.672	69	12121	7.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 143.200%#	
11) 1,1-Dichloroethene-d2	2.306	63	26941	3.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 76.800%	
20) 2-Butanone-d5	4.477	46	46879	68.208	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 136.420%#	
24) Chloroform-d	5.062	84	52491	5.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 116.000%	
26) 1,2-Dichloroethane-d4	5.958	65	28970	5.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.200%	
32) Benzene-d6	5.976	84	78385	6.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 121.400%	
36) 1,2-Dichloropropane-d6	7.312	67	26977	6.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 131.000%	
41) Toluene-d8	8.653	98	65941	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.000%	
43) trans-1,3-Dichloroprop...	8.951	79	8658	4.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 91.600%	
46) 2-Hexanone-d5	9.390	63	44545	65.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 130.960%#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19132	6.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 121.600%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	21836	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 103.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.282	50	3096	1.206	ug/L #	38
8) Chloroethane	1.697	64	1096	0.582	ug/L #	52
13) Acetone	2.422	43	1363	2.644	ug/L	63
15) Methyl Acetate	2.709	43	308	0.263	ug/L #	64
16) Methylene chloride	2.794	84	2443	0.535	ug/L	94
21) 2-Butanone	4.727	43	20394	26.897	ug/L #	37
35) Methylcyclohexane	7.318	83	7087	0.962	ug/L #	22
37) 1,2-Dichloropropane	7.305	63	3201	0.809	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	806	0.121	ug/L #	62
42) Toluene	8.720	91	2076	0.110	ug/L	96
44) trans-1,3-Dichloropropene	8.958	75	535	0.089	ug/L #	41
61) 1,2,3-Trichloropropane	12.024	75	3063	1.252	ug/L #	62

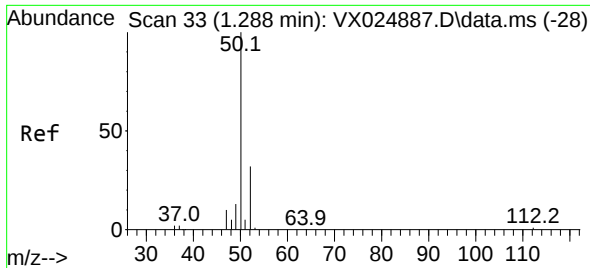
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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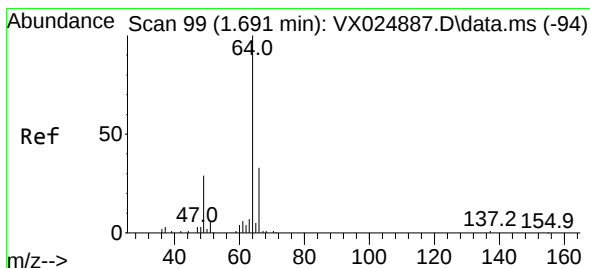
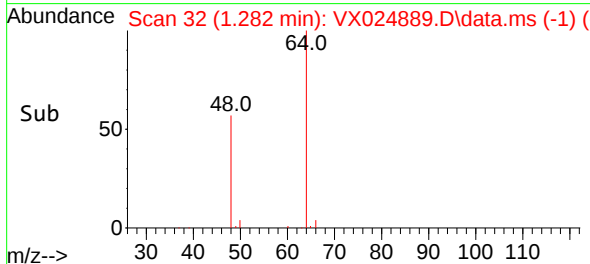
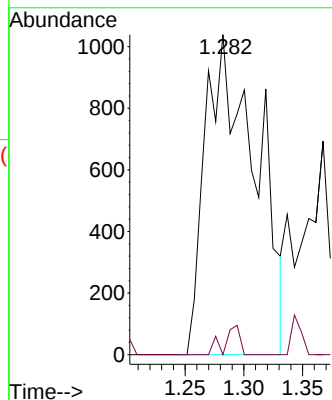
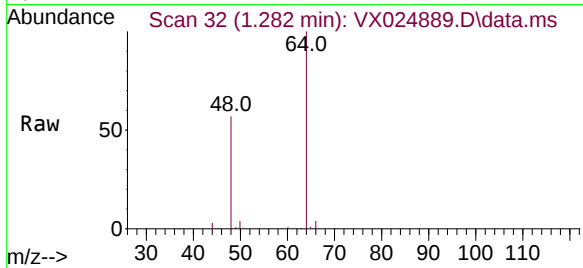




#3
Chloromethane
Concen: 1.206 ug/L
RT: 1.282 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

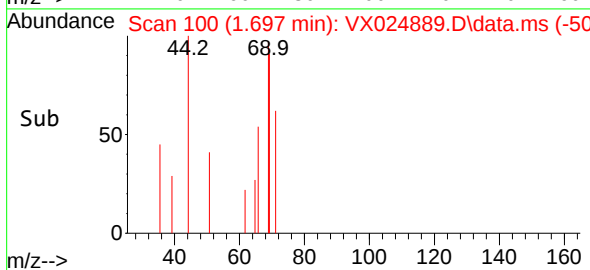
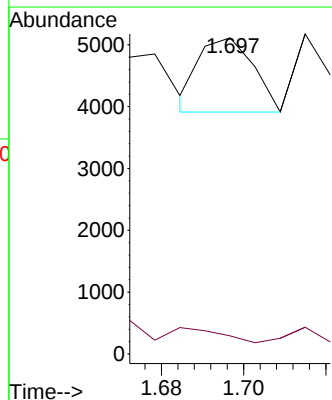
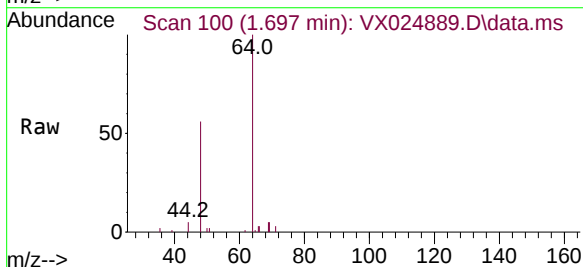
Instrument :
MSVOA_X
ClientSampled :

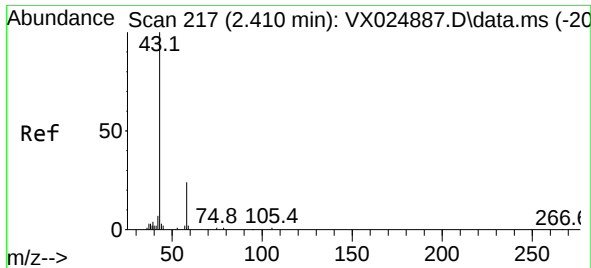
Tgt Ion: 50 Resp: 3096
Ion Ratio Lower Upper
50 100
52 0.0 25.5 47.3#



#8
Chloroethane
Concen: 0.582 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

Tgt Ion: 64 Resp: 1096
Ion Ratio Lower Upper
64 100
66 5.7 22.6 42.0#

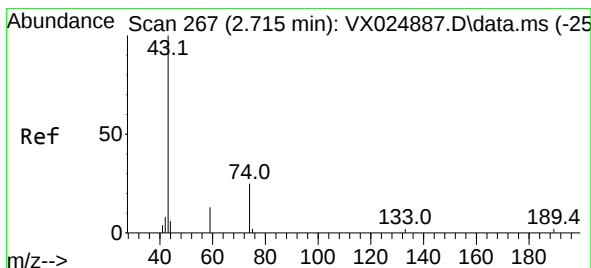
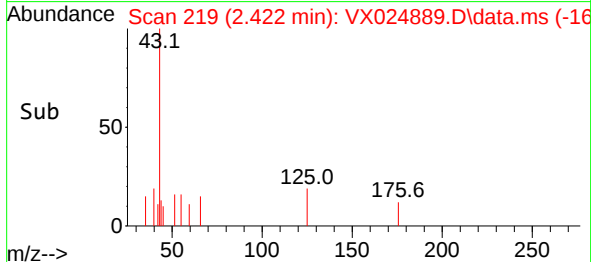
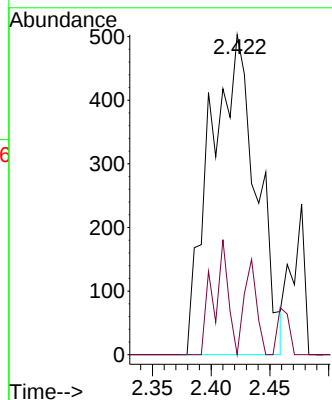
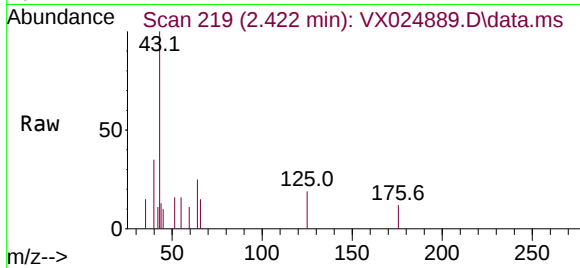




#13
Acetone
Concen: 2.644 ug/L
RT: 2.422 min Scan# 219
Delta R.T. 0.012 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

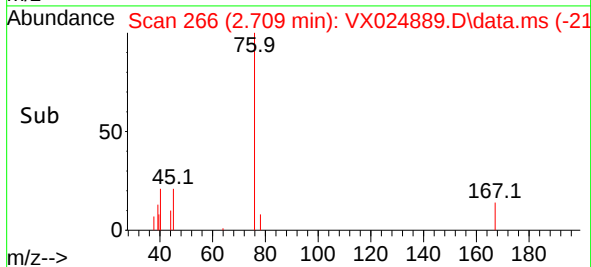
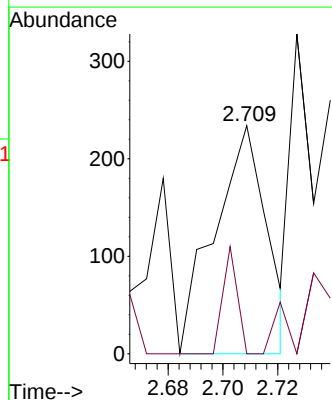
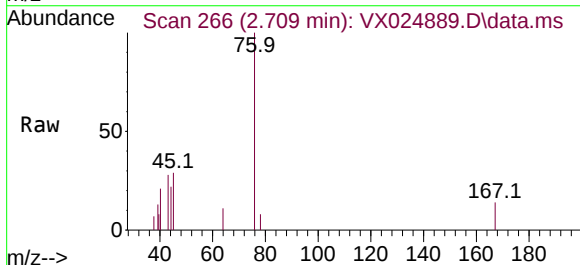
Instrument :
MSVOA_X
ClientSampled :

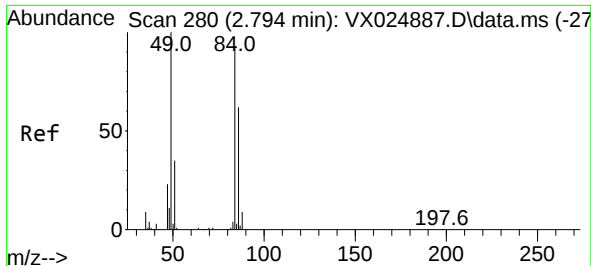
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 11.6 0.0 64.2



#15
Methyl Acetate
Concen: 0.263 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
74 13.0 26.8 40.2#

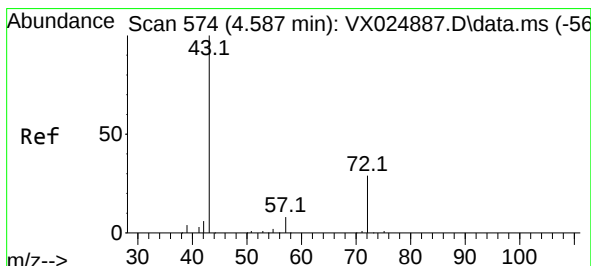
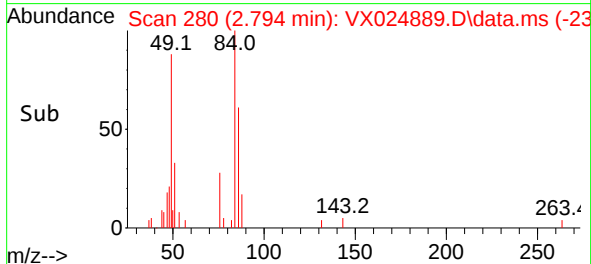
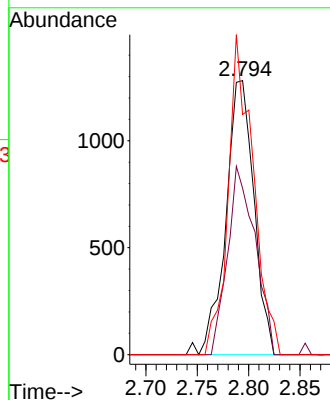
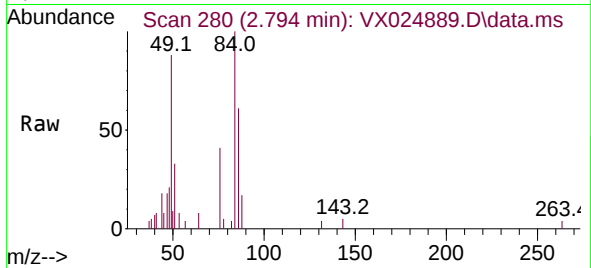




#16
Methylene chloride
Concen: 0.535 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

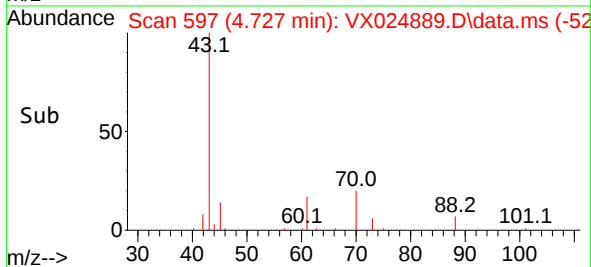
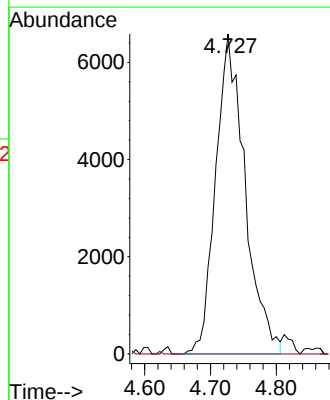
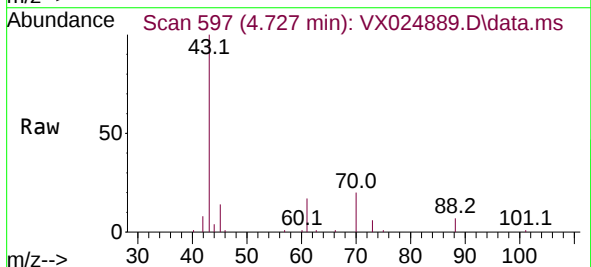
Instrument :
MSVOA_X
ClientSampled :

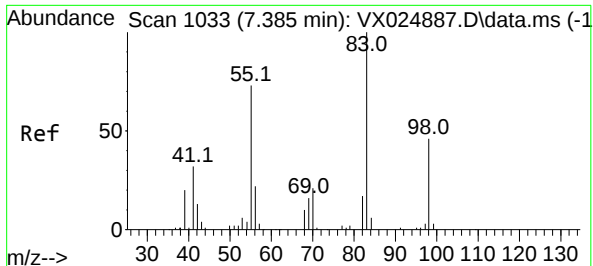
Tgt Ion: 84 Resp: 2443
Ion Ratio Lower Upper
84 100
86 60.7 49.5 91.9
49 87.7 62.7 116.5



#21
2-Butanone
Concen: 26.897 ug/L
RT: 4.727 min Scan# 597
Delta R.T. 0.140 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

Tgt Ion: 43 Resp: 20394
Ion Ratio Lower Upper
43 100
72 0.1 18.9 56.9#

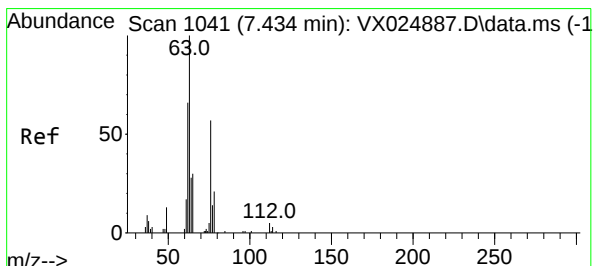
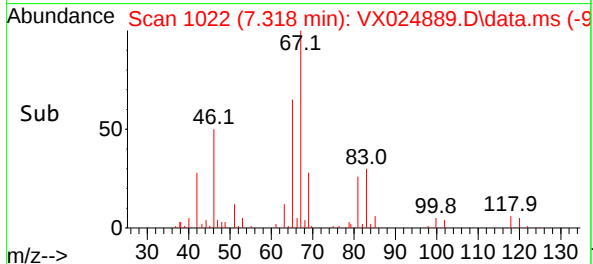
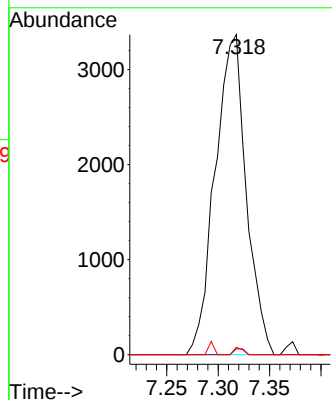
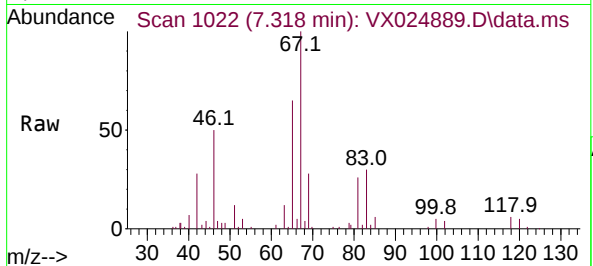




#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

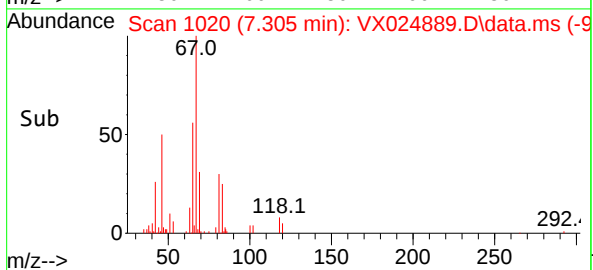
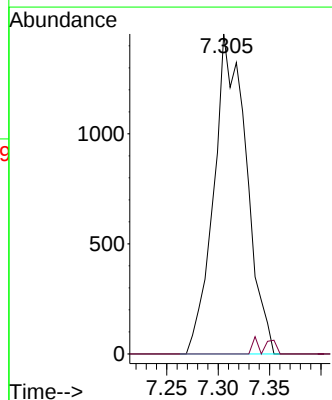
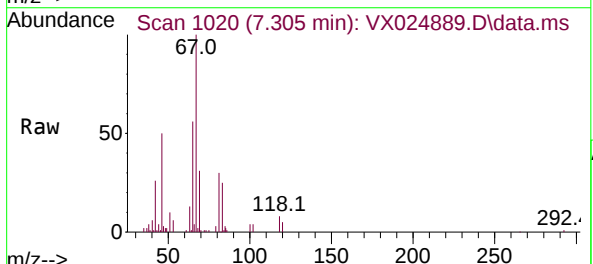
Instrument :
MSVOA_X
ClientSampled :

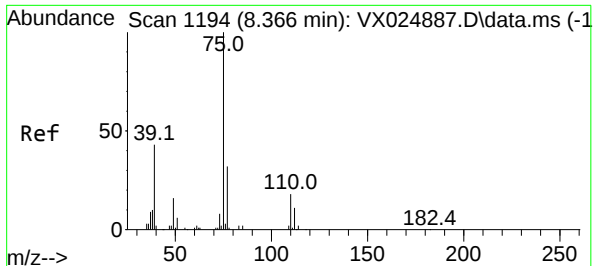
Tgt Ion: 83 Resp: 7087
Ion Ratio Lower Upper
83 100
55 0.6 55.7 83.5#
98 0.7 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.809 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.128 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

Tgt Ion: 63 Resp: 3201
Ion Ratio Lower Upper
63 100
112 0.9 3.5 5.3#

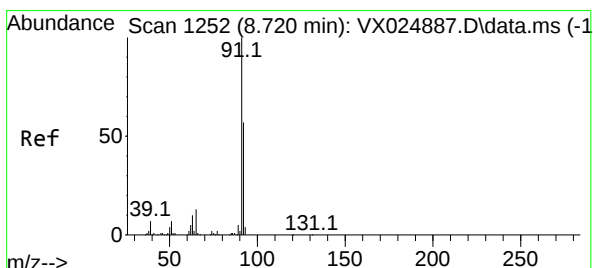
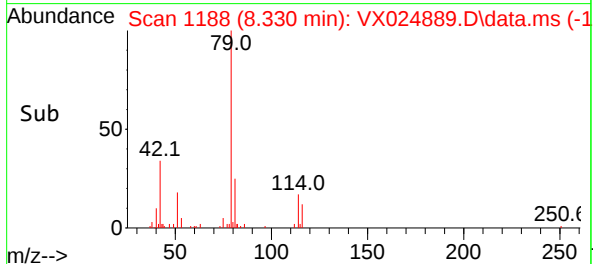
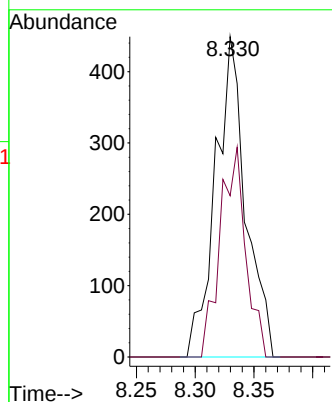
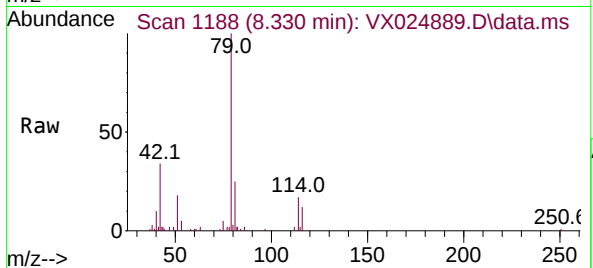




#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.037 min
 Lab File: VX024889.D
 Acq: 23 Oct 2021 12:39

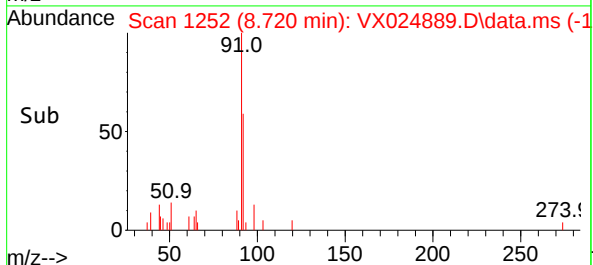
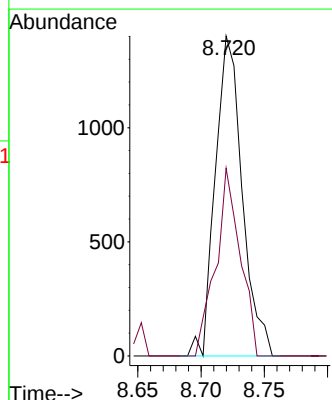
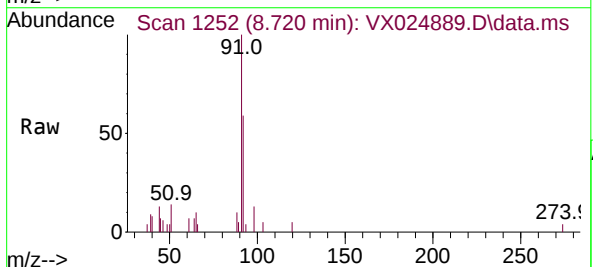
Instrument :
 MSVOA_X
 ClientSampled :

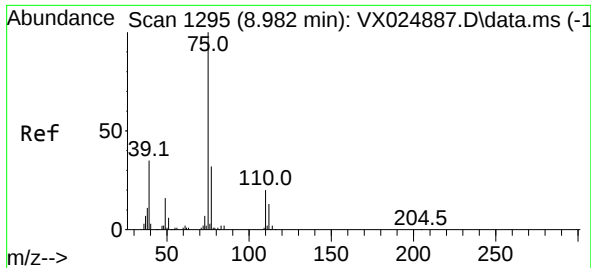
Tgt Ion: 75 Resp: 806
 Ion Ratio Lower Upper
 75 100
 77 50.3 20.9 38.9#



#42
 Toluene
 Concen: 0.110 ug/L
 RT: 8.720 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: VX024889.D
 Acq: 23 Oct 2021 12:39

Tgt Ion: 91 Resp: 2076
 Ion Ratio Lower Upper
 91 100
 92 58.6 39.1 72.5

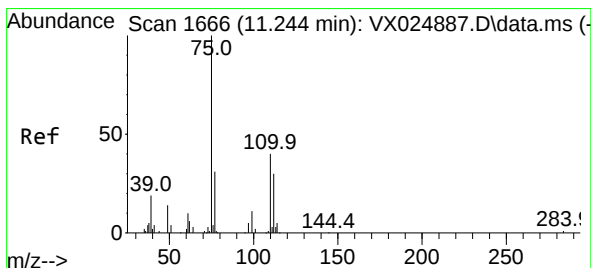
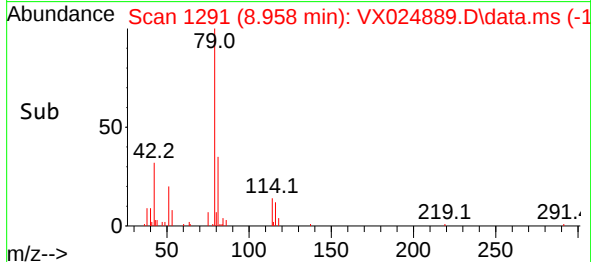
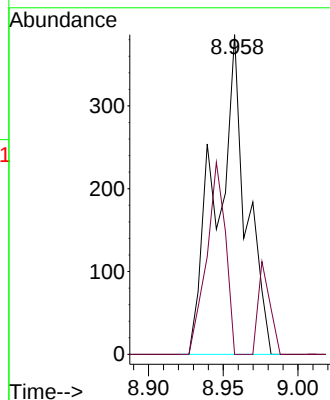
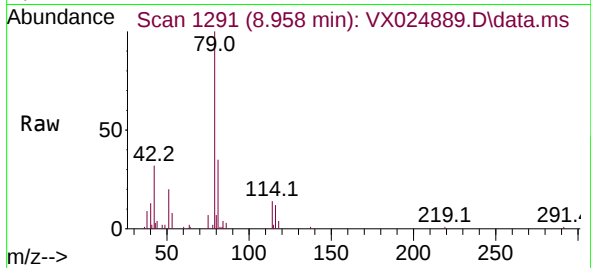




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 535
Ion Ratio Lower Upper
75 100
77 0.0 23.4 43.4#



#61
1,2,3-Trichloropropane
Concen: 1.252 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX024889.D
Acq: 23 Oct 2021 12:39

Tgt Ion: 75 Resp: 3063
Ion Ratio Lower Upper
75 100
77 31.7 28.1 42.1
110 2.3 34.7 52.1#

