

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102321\
 Data File : VX024896.D
 Acq On : 23 Oct 2021 15:25
 Operator : JC/MD
 Sample : M4303-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 02:33:49 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)

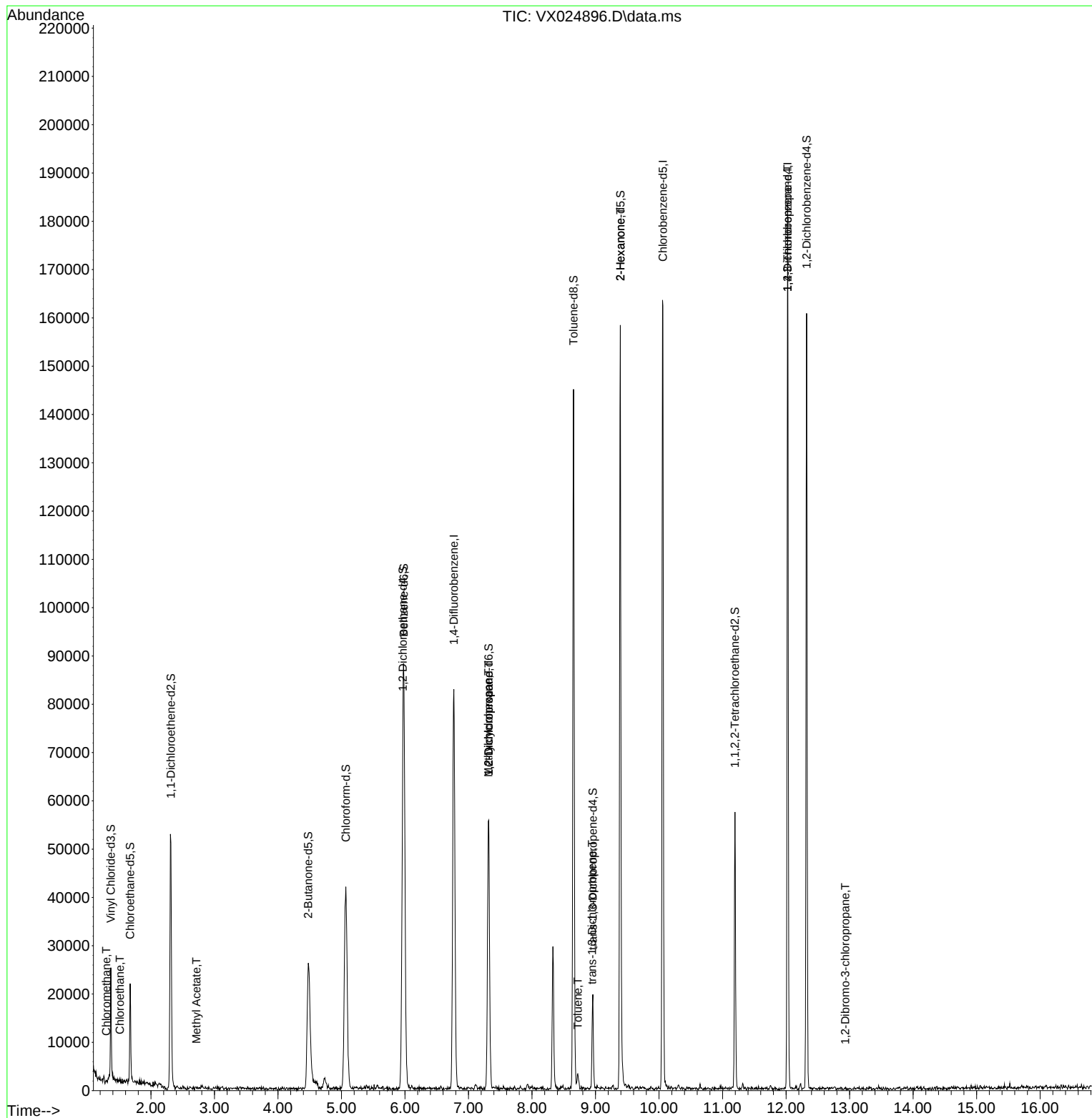
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	78051	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	72141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12363	5.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.000%
7) Chloroethane-d5	1.672	69	12321	5.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.400%
11) 1,1-Dichloroethene-d2	2.313	63	31809	3.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.477	46	50485	60.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.520%
24) Chloroform-d	5.068	84	56500	5.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.964	65	30437	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.983	84	88767	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	7.318	67	29123	5.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	8.653	98	83580	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.958	79	10952	4.449	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	9.391	63	48033	54.221	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21157	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	29207	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	289	0.092	ug/L #	53
8) Chloroethane	1.508	64	317	0.138	ug/L	88
15) Methyl Acetate	2.715	43	191	0.134	ug/L #	41
35) Methylcyclohexane	7.312	83	7570	0.789	ug/L #	22
37) 1,2-Dichloropropane	7.318	63	3713	0.721	ug/L #	95
42) Toluene	8.720	91	1891	0.077	ug/L	94
44) trans-1,3-Dichloropropene	8.946	75	717	0.091	ug/L #	79
48) 2-Hexanone	9.391	43	4967	2.964	ug/L #	69
61) 1,2,3-Trichloropropane	12.024	75	4119	1.220	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.933	75	102	0.124	ug/L #	6

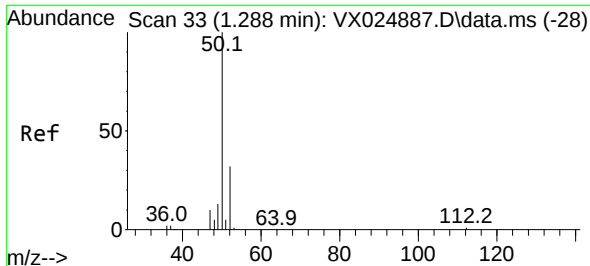
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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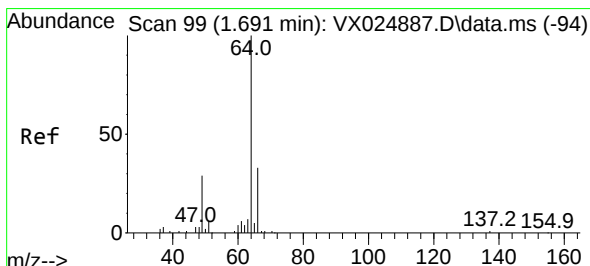
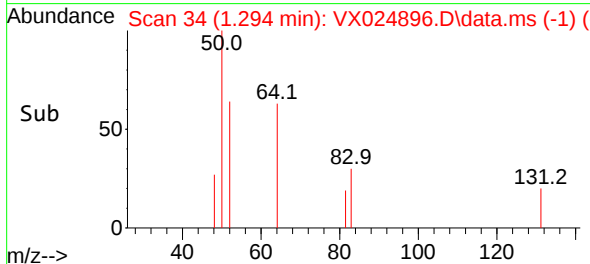
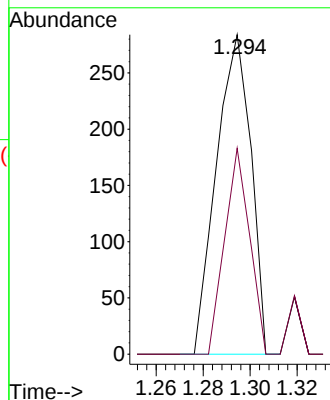
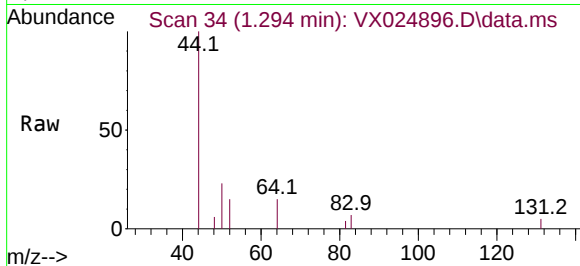




#3
Chloromethane
Concen: 0.092 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

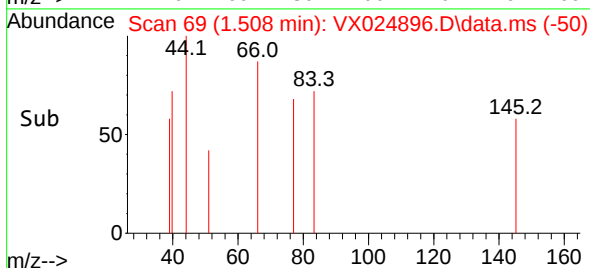
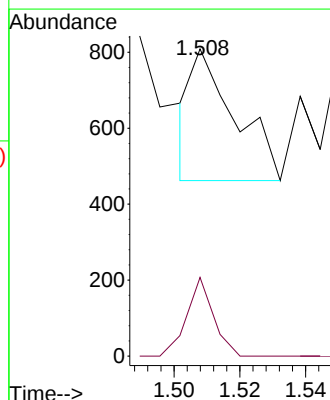
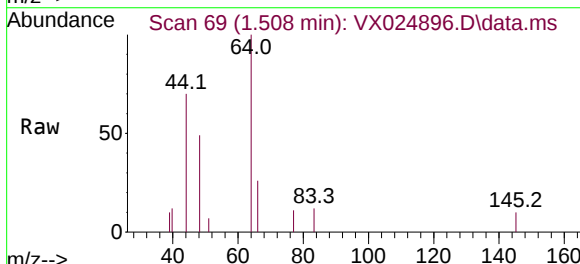
Instrument :
MSVOA_X
ClientSampled :

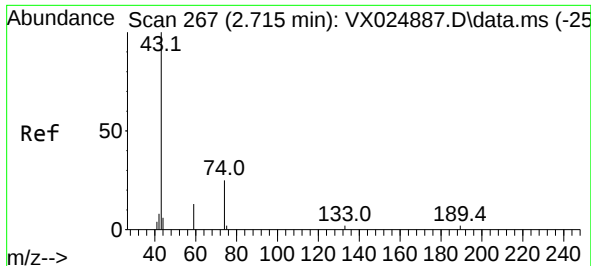
Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 64.4 25.5 47.3#



#8
Chloroethane
Concen: 0.138 ug/L
RT: 1.508 min Scan# 69
Delta R.T. -0.183 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 25.6 22.6 42.0

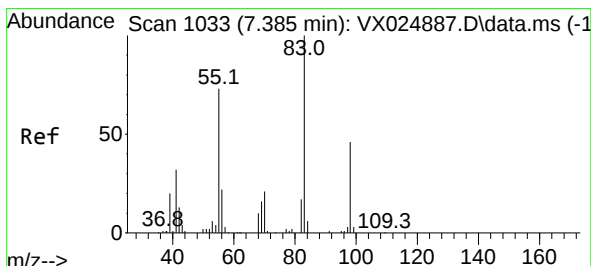
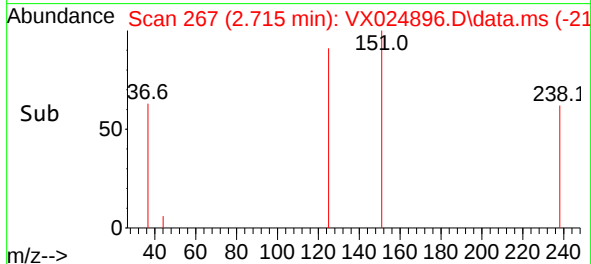
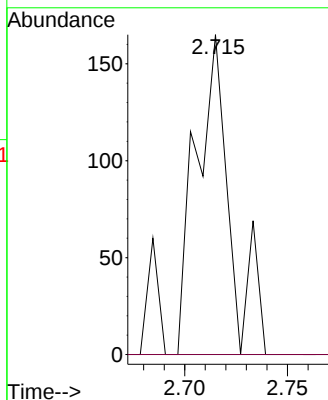
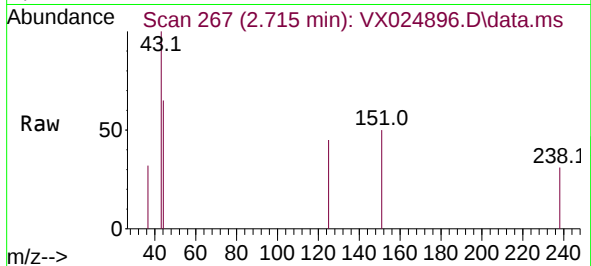




#15
Methyl Acetate
Concen: 0.134 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

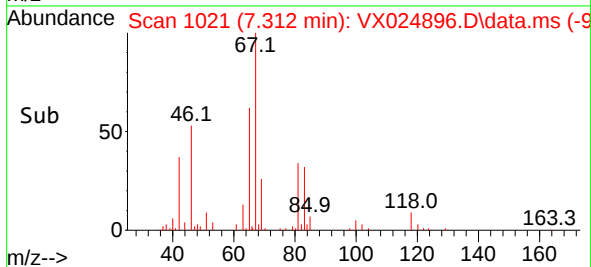
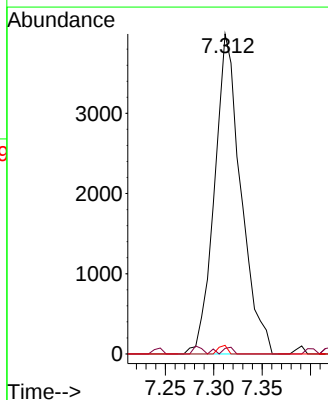
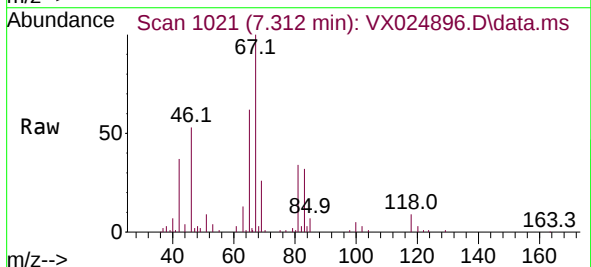
Instrument :
MSVOA_X
ClientSampled :

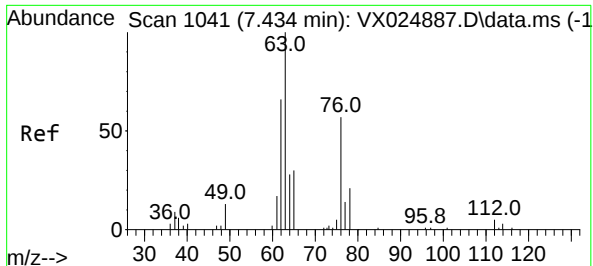
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
74 0.0 26.8 40.2#



#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Tgt Ion: 83 Resp: 7570
Ion Ratio Lower Upper
83 100
55 1.0 55.7 83.5#
98 0.9 38.3 57.5#



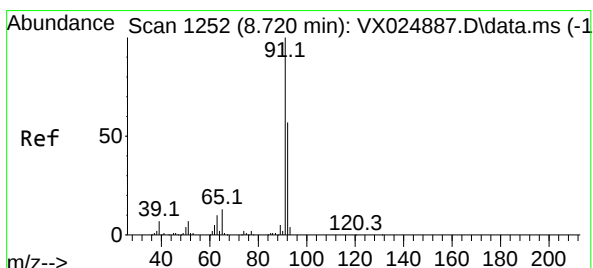
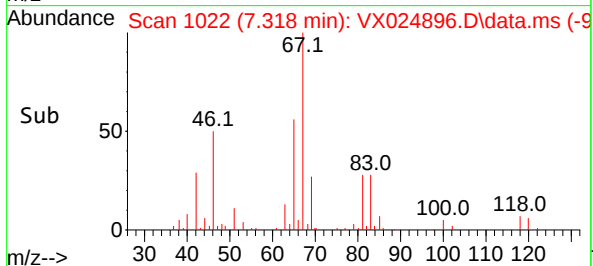
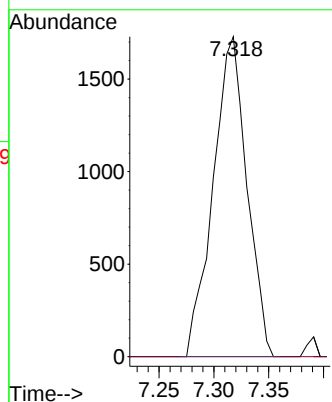
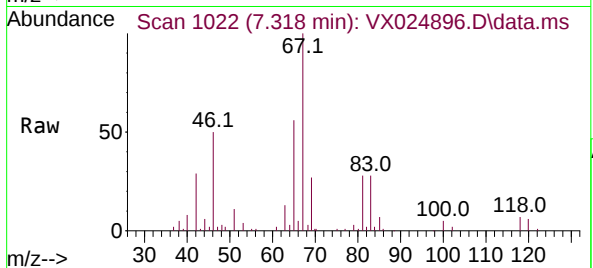


#37

1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Instrument :
MSVOA_X
ClientSampled :

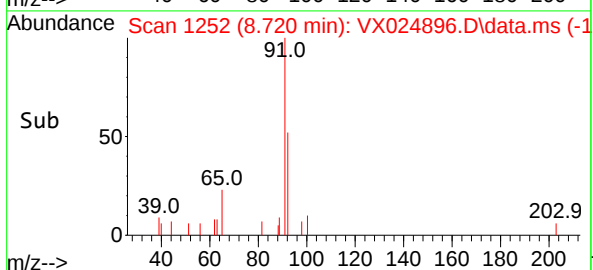
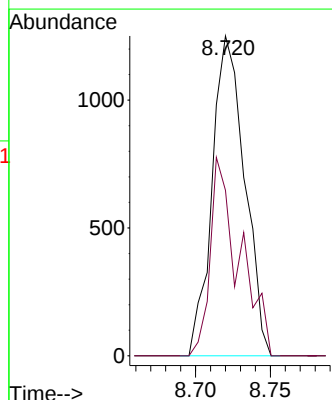
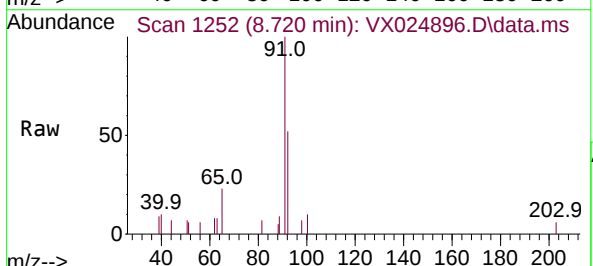
Tgt Ion: 63 Resp: 3713
Ion Ratio Lower Upper
63 100
112 2.8 3.5 5.3#

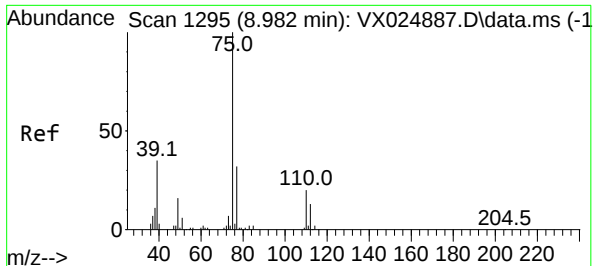


#42

Toluene
Concen: 0.077 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Tgt Ion: 91 Resp: 1891
Ion Ratio Lower Upper
91 100
92 51.7 39.1 72.5



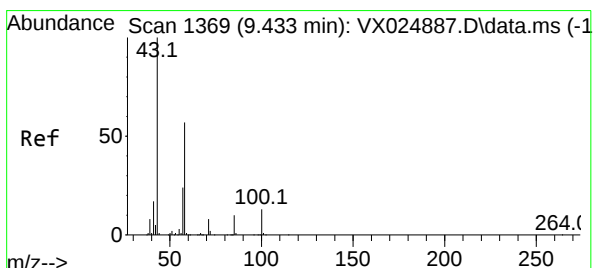
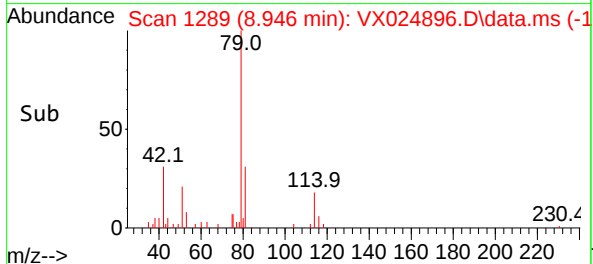
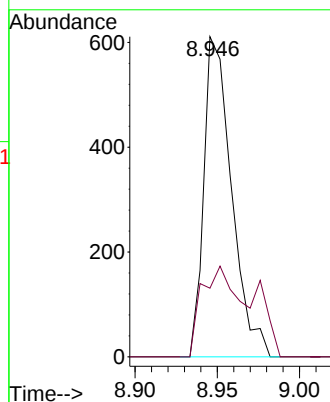
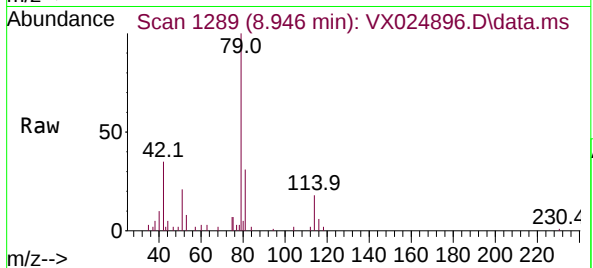


#44

trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 8.946 min Scan# 1289
Delta R.T. -0.037 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Instrument :
MSVOA_X
ClientSampled :

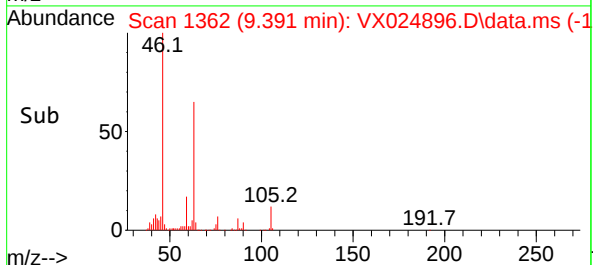
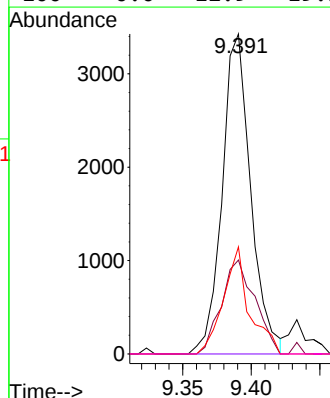
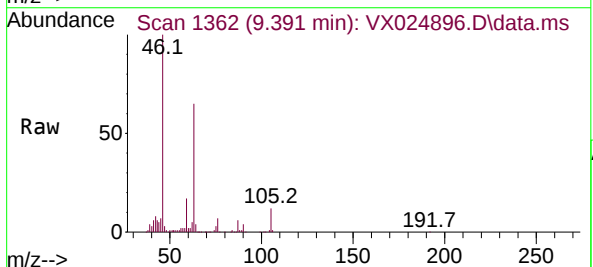
Tgt Ion: 75 Resp: 717
Ion Ratio Lower Upper
75 100
77 21.4 23.4 43.4#

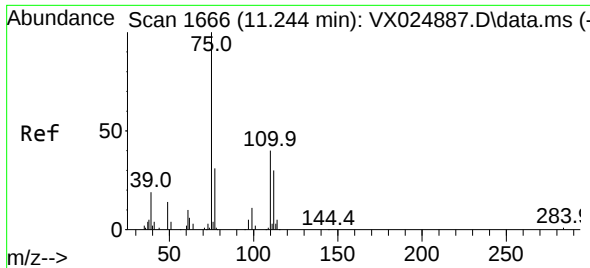


#48

2-Hexanone
Concen: 2.964 ug/L
RT: 9.391 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Tgt Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
58 34.5 52.7 79.1#
57 30.2 21.2 31.8
100 0.0 12.9 19.3#

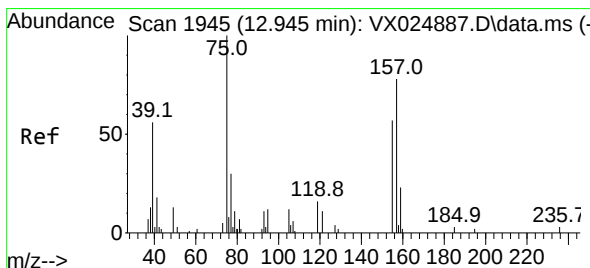
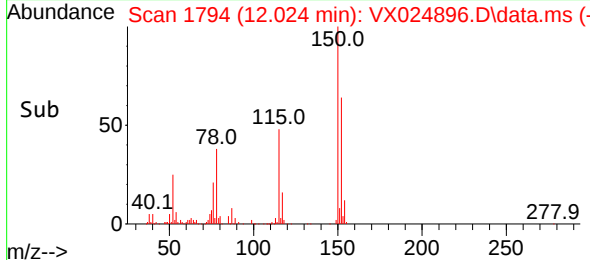
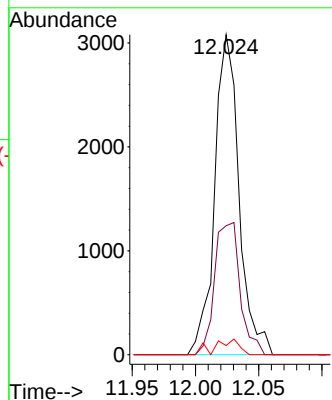
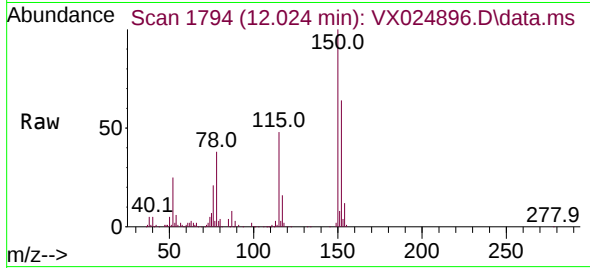




#61
1,2,3-Trichloropropane
Concen: 1.220 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 4119
Ion Ratio Lower Upper
75 100
77 43.2 28.1 42.1#
110 4.9 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.124 ug/L
RT: 12.933 min Scan# 1943
Delta R.T. -0.012 min
Lab File: VX024896.D
Acq: 23 Oct 2021 15:25

Tgt Ion: 75 Resp: 102
Ion Ratio Lower Upper
75 100
155 0.0 53.6 80.4#
157 0.0 82.2 123.4#

