

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024883.D
 Acq On : 22 Oct 2021 19:47
 Operator : JC/MD
 Sample : M4291-14
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 03:57:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

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

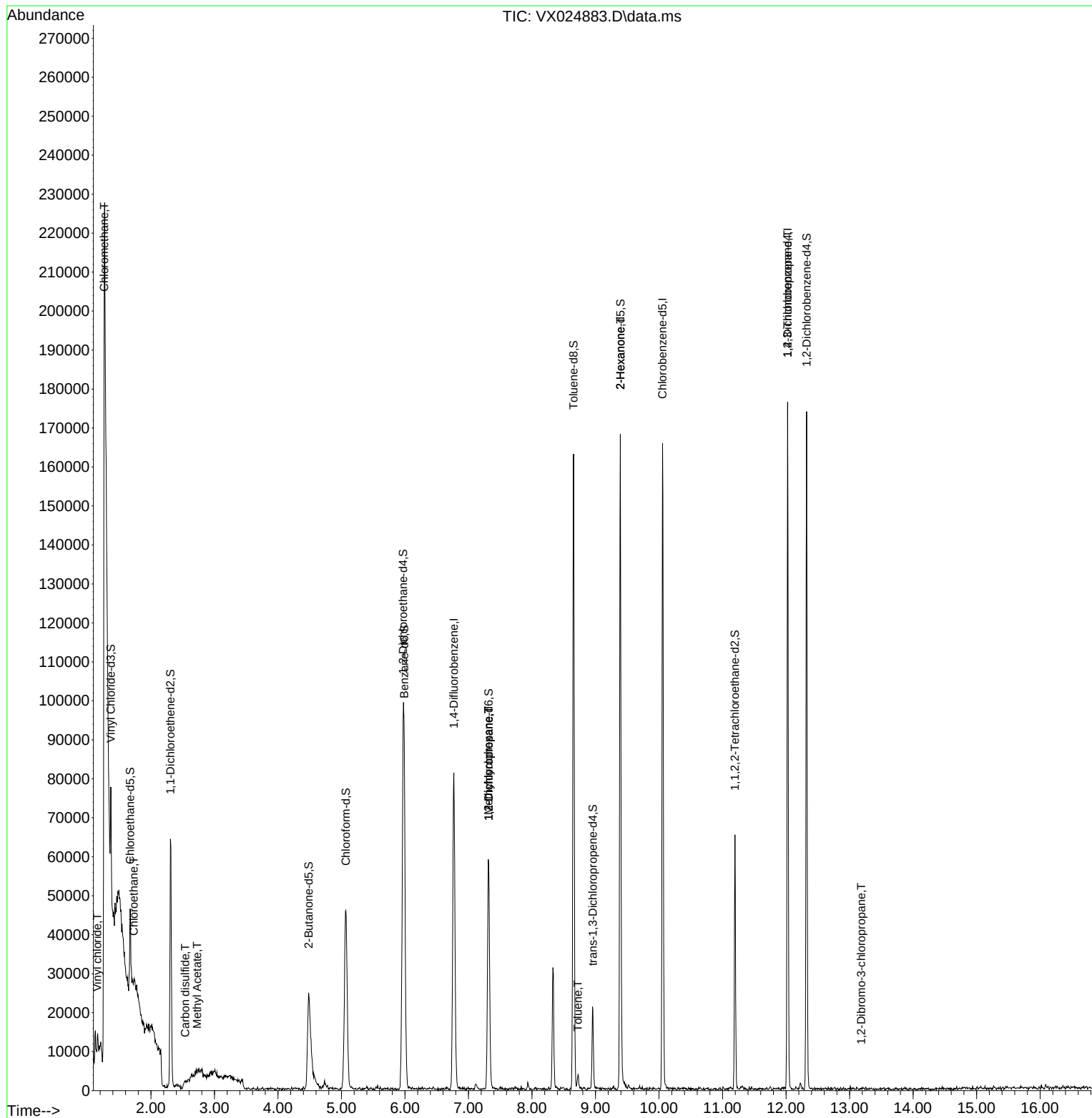
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	76071	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	70222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	14708	6.586	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.800%#
7) Chloroethane-d5	1.672	69	13234	6.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.600%#
11) 1,1-Dichloroethene-d2	2.306	63	36823	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.483	46	56378	69.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.100%#
24) Chloroform-d	5.068	84	61713	5.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
26) 1,2-Dichloroethane-d4	5.970	65	33474	5.697	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.989	84	101293	6.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.800%
36) 1,2-Dichloropropane-d6	7.318	67	31233	5.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.600%
41) Toluene-d8	8.653	98	92379	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	8.958	79	11465	4.785	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	9.391	63	51827	60.103	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.200%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23747	5.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	30790	5.703	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	7041	2.309	ug/L #	38
5) Vinyl chloride	1.154	62	662	0.178	ug/L	94
8) Chloroethane	1.727	64	5930	2.651	ug/L #	51
14) Carbon disulfide	2.538	76	2654	0.209	ug/L	95
15) Methyl Acetate	2.727	43	334	0.240	ug/L #	53
35) Methylcyclohexane	7.312	83	8359	0.895	ug/L #	21
37) 1,2-Dichloropropane	7.318	63	4176	0.833	ug/L #	88
42) Toluene	8.720	91	2299	0.096	ug/L	83
48) 2-Hexanone	9.391	43	5730	3.513	ug/L #	67
61) 1,2,3-Trichloropropane	12.024	75	4154	1.329	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	13.183	75	75	0.099	ug/L #	6

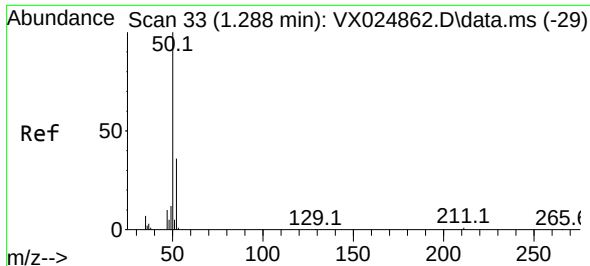
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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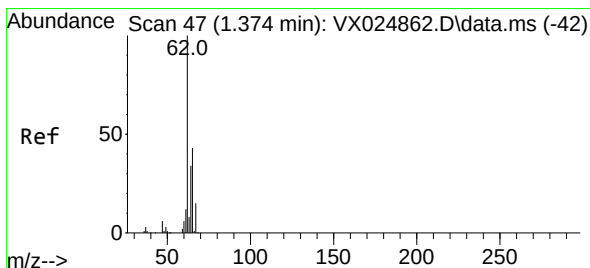
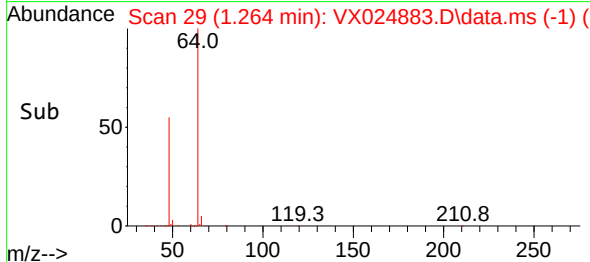
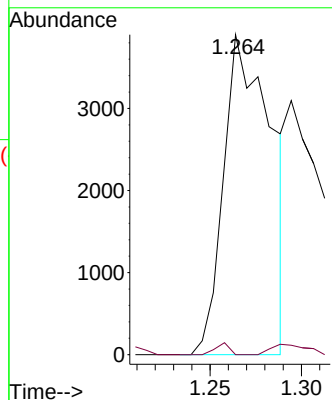
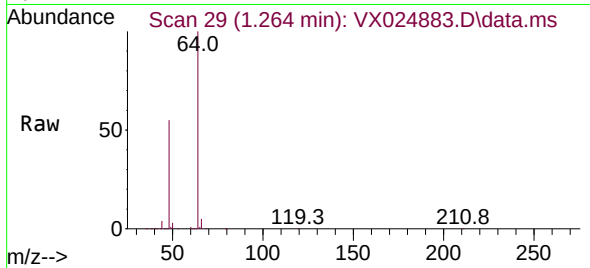




#3
Chloromethane
Concen: 2.309 ug/L
RT: 1.264 min Scan# 29
Delta R.T. -0.024 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

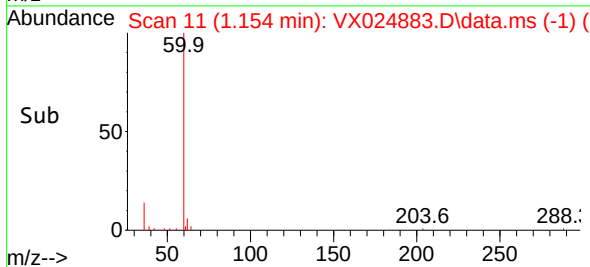
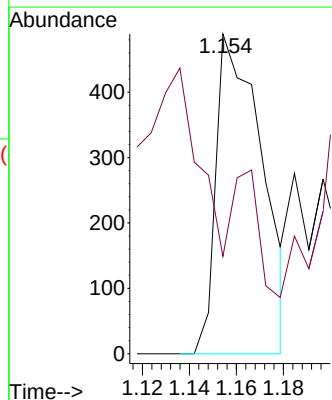
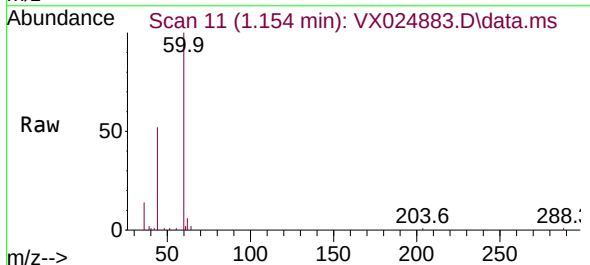
Instrument :
MSVOA_X
ClientSampled :

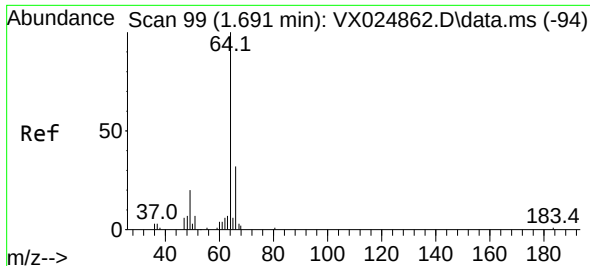
Tgt Ion: 50 Resp: 7041
Ion Ratio Lower Upper
50 100
52 0.0 25.5 47.3#



#5
Vinyl chloride
Concen: 0.178 ug/L
RT: 1.154 min Scan# 11
Delta R.T. -0.219 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

Tgt Ion: 62 Resp: 662
Ion Ratio Lower Upper
62 100
64 30.5 23.7 44.1

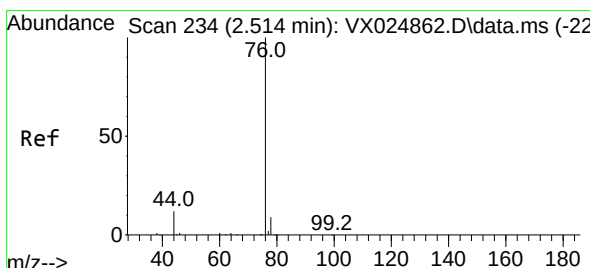
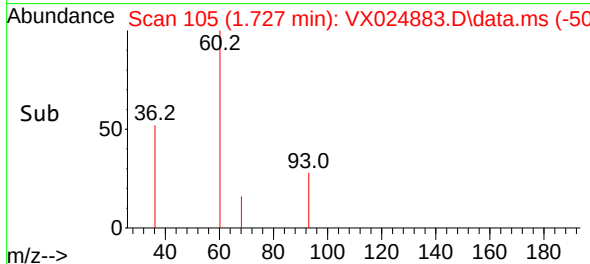
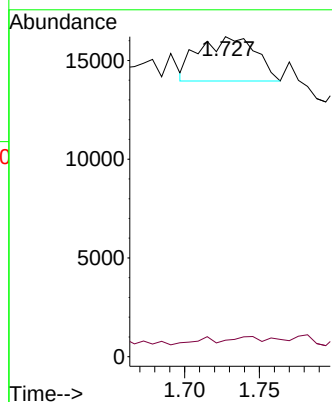
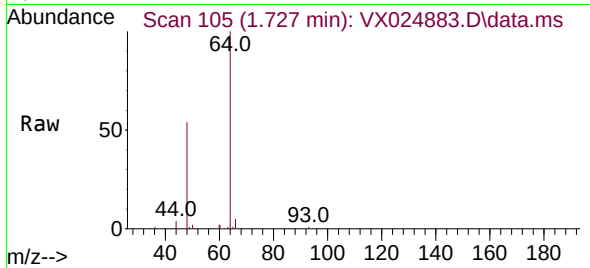




#8
Chloroethane
Concen: 2.651 ug/L
RT: 1.727 min Scan# 105
Delta R.T. 0.037 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

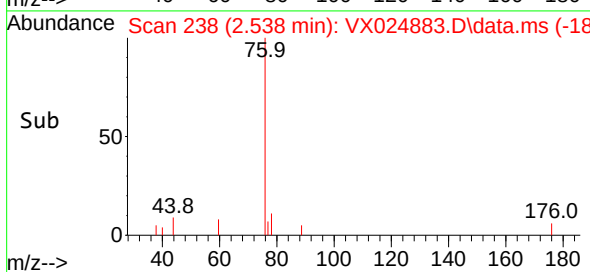
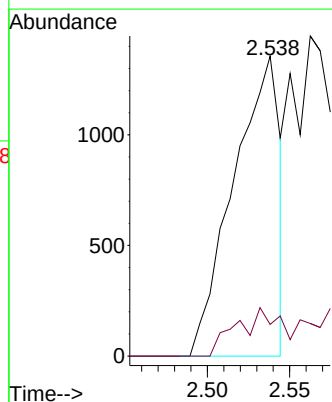
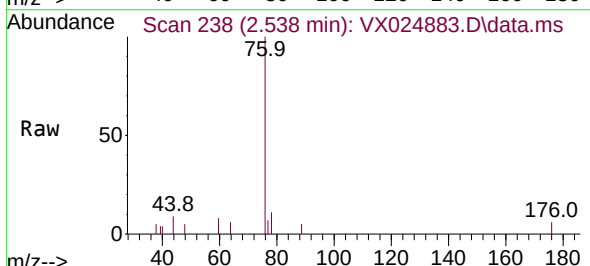
Instrument :
MSVOA_X
ClientSampled :

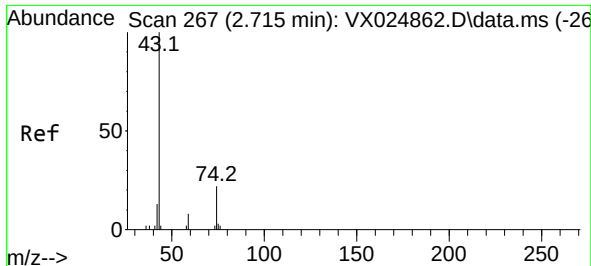
Tgt Ion: 64 Resp: 5930
Ion Ratio Lower Upper
64 100
66 5.1 22.6 42.0#



#14
Carbon disulfide
Concen: 0.209 ug/L
RT: 2.538 min Scan# 238
Delta R.T. 0.024 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

Tgt Ion: 76 Resp: 2654
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7

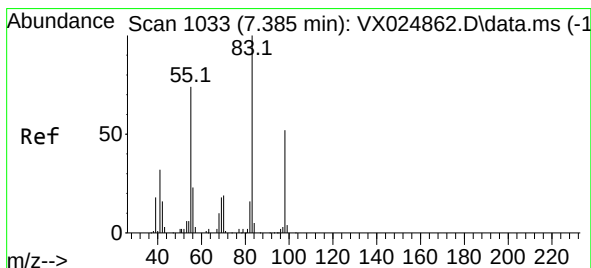
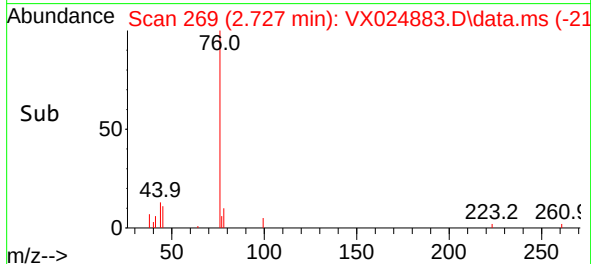
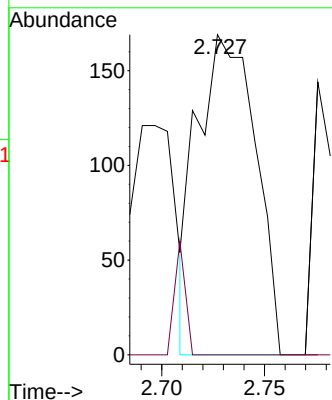
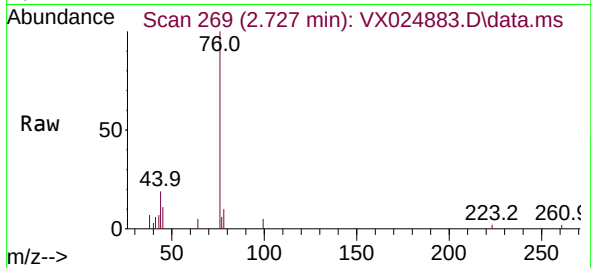




#15
Methyl Acetate
Concen: 0.240 ug/L
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

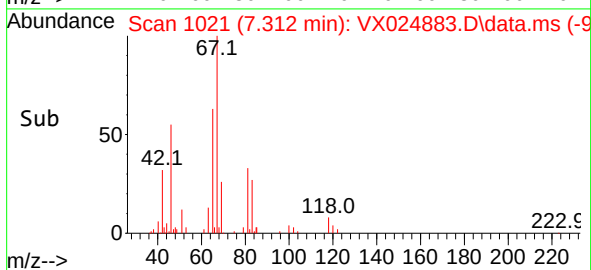
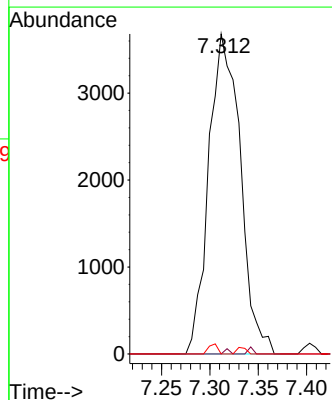
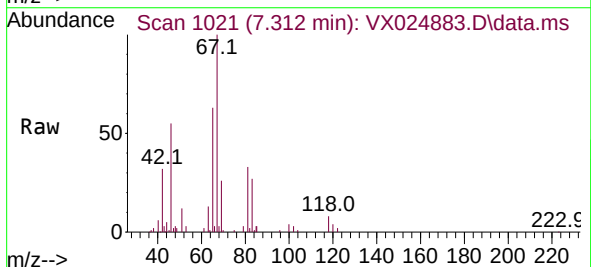
Instrument :
MSVOA_X
ClientSampled :

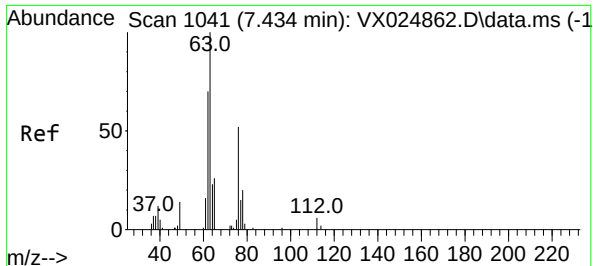
Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
74 6.6 26.8 40.2#



#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

Tgt Ion: 83 Resp: 8359
Ion Ratio Lower Upper
83 100
55 0.3 55.7 83.5#
98 0.9 38.3 57.5#

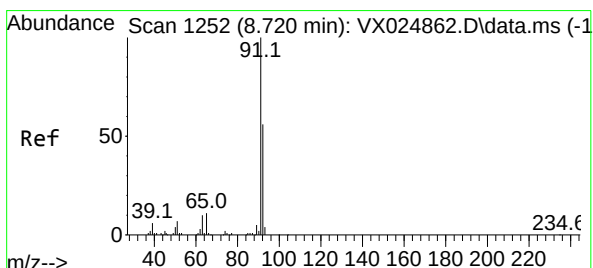
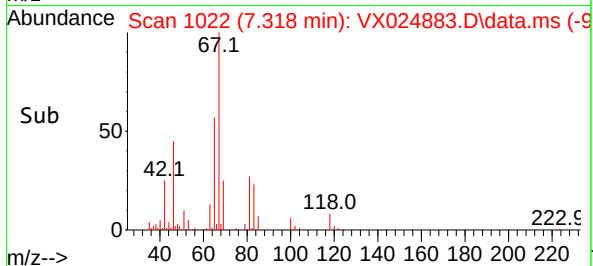
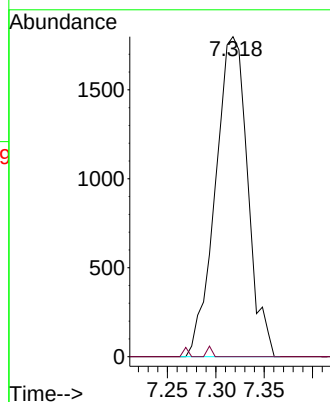
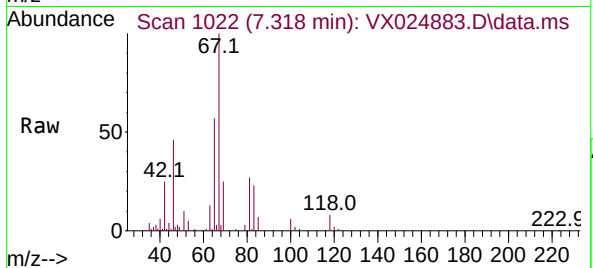




#37
1,2-Dichloropropane
Concen: 0.833 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

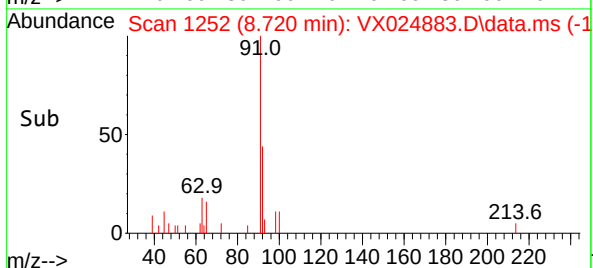
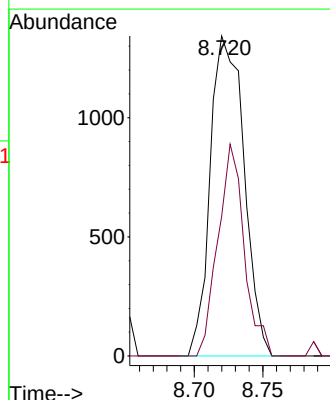
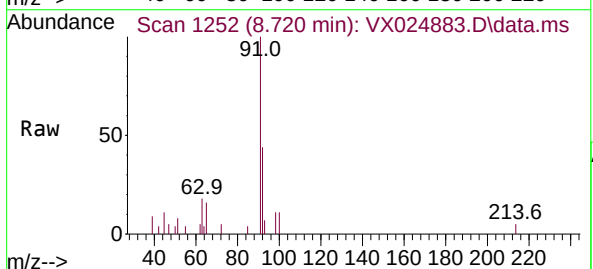
Instrument :
MSVOA_X
ClientSampled :

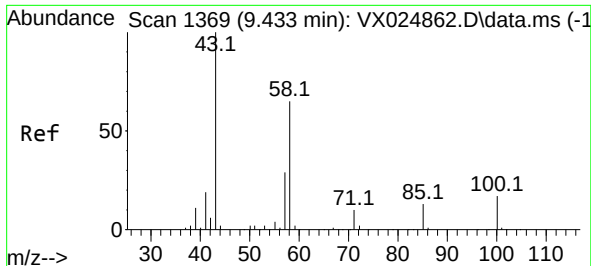
Tgt Ion: 63 Resp: 4176
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#



#42
Toluene
Concen: 0.096 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

Tgt Ion: 91 Resp: 2299
Ion Ratio Lower Upper
91 100
92 43.6 39.1 72.5

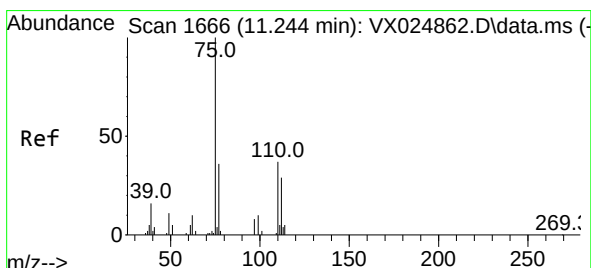
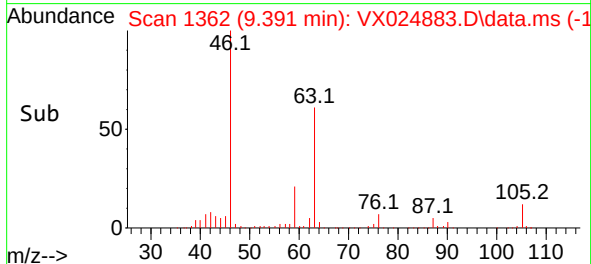
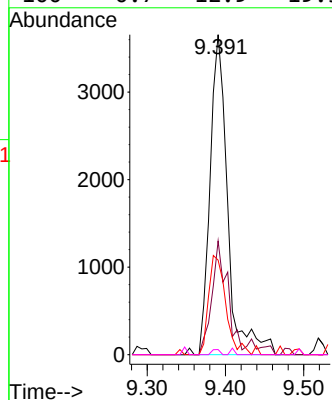
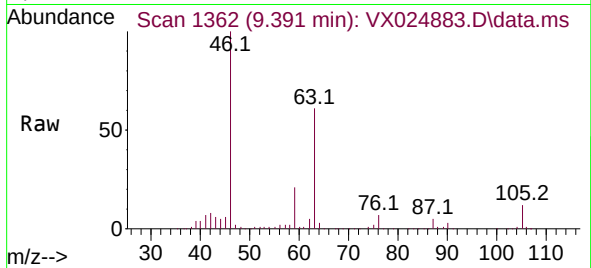




#48
2-Hexanone
Concen: 3.513 ug/L
RT: 9.391 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

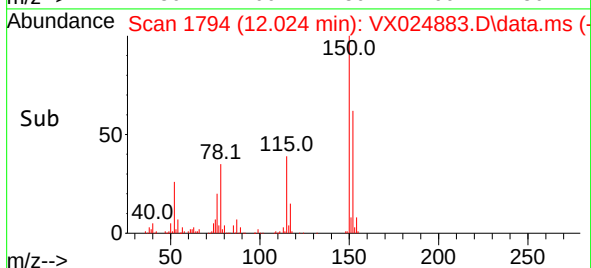
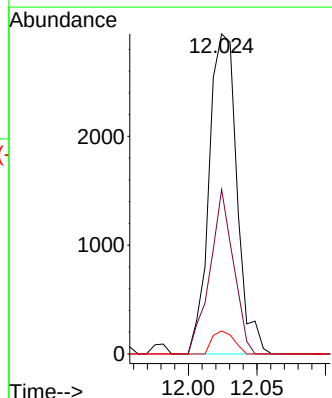
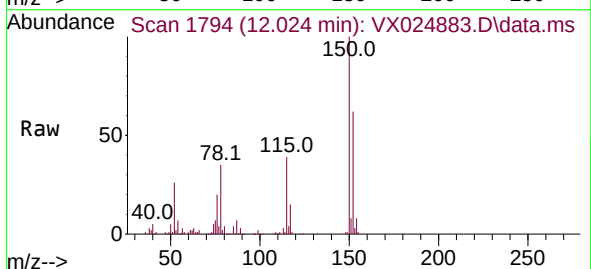
Instrument :
MSVOA_X
ClientSampled :

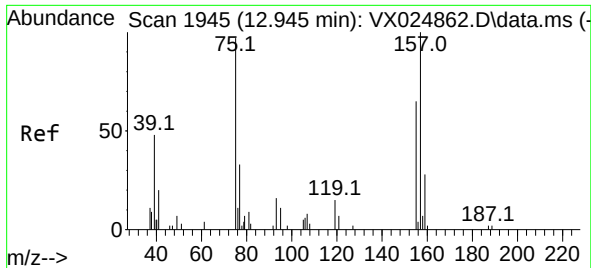
Tgt Ion:	43	Resp:	5730
Ion	Ratio	Lower	Upper
43	100		
58	32.2	52.7	79.1#
57	29.9	21.2	31.8
100	0.7	12.9	19.3#



#61
1,2,3-Trichloropropane
Concen: 1.329 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX024883.D
Acq: 22 Oct 2021 19:47

Tgt Ion:	75	Resp:	4154
Ion	Ratio	Lower	Upper
75	100		
77	43.4	28.1	42.1#
110	5.6	34.7	52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.099 ug/L
 RT: 13.183 min Scan# 1984
 Delta R.T. 0.238 min
 Lab File: VX024883.D
 Acq: 22 Oct 2021 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

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

