

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
 Data File : VX024968.D
 Acq On : 27 Oct 2021 12:24
 Operator : JC/MD
 Sample : M4304-14
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK001

Quant Time: Oct 28 03:10:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
 Response via : Initial Calibration

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

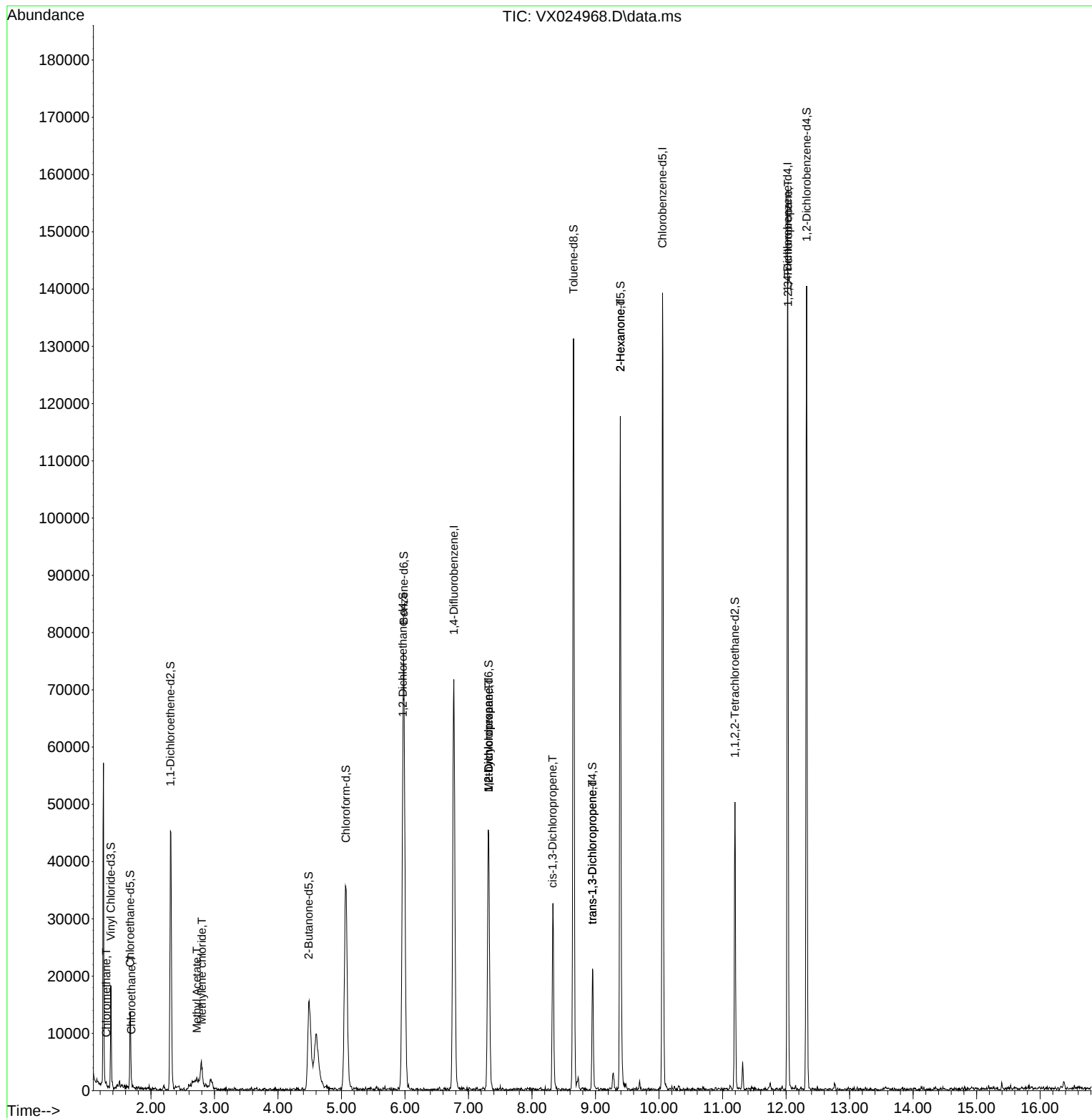
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	69246	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	63814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	10366	5.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.672	69	8519	4.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.306	63	27023	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.483	46	34298	46.146	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.300%
24) Chloroform-d	5.068	84	49177	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.964	65	25143	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.982	84	77061	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	7.318	67	22213	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	8.653	98	76833	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.951	79	12206	5.606	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.200%
46) 2-Hexanone-d5	9.390	63	35002	44.667	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.340%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18331	5.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	28252	5.472	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
3) Chloromethane	1.294	50	360	0.130	ug/L	100
8) Chloroethane	1.691	64	240	0.118	ug/L #	42
15) Methyl Acetate	2.721	43	512	0.404	ug/L #	41
16) Methylene chloride	2.800	84	2059	0.417	ug/L #	63
35) Methylcyclohexane	7.318	83	6936	0.817	ug/L #	21
37) 1,2-Dichloropropane	7.318	63	2835	0.622	ug/L #	92
39) cis-1,3-Dichloropropene	8.324	75	936	0.122	ug/L	85
44) trans-1,3-Dichloropropene	8.951	75	707	0.102	ug/L	99
48) 2-Hexanone	9.390	43	3873	2.613	ug/L #	64
61) 1,2,3-Trichloropropane	12.030	75	3490	1.167	ug/L #	60

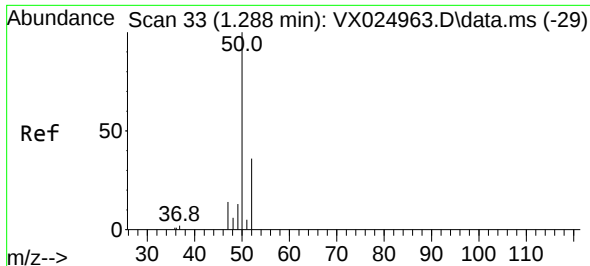
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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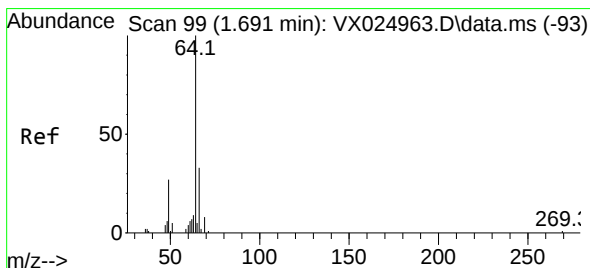
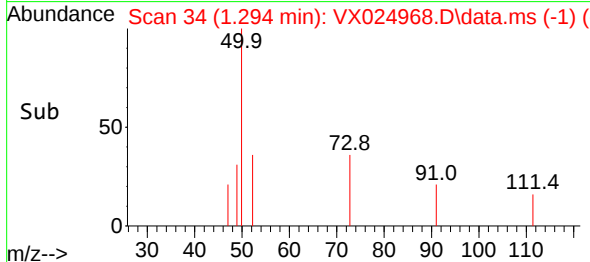
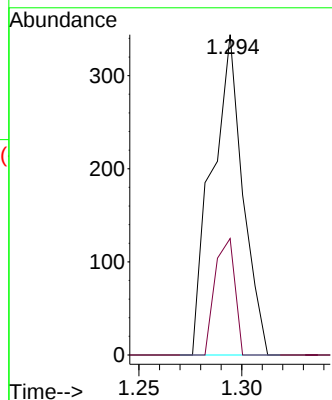
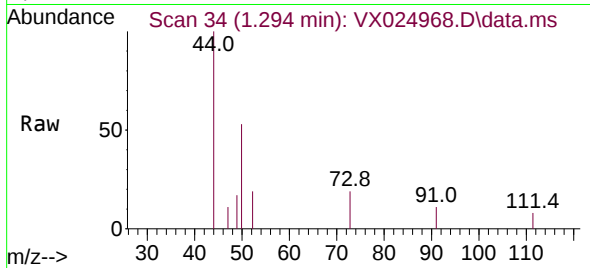




#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

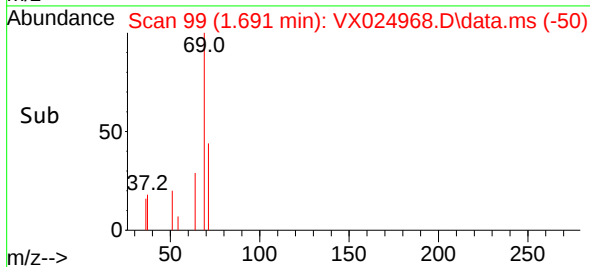
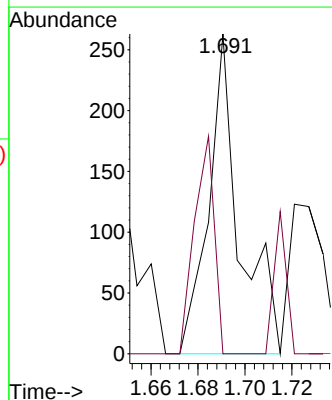
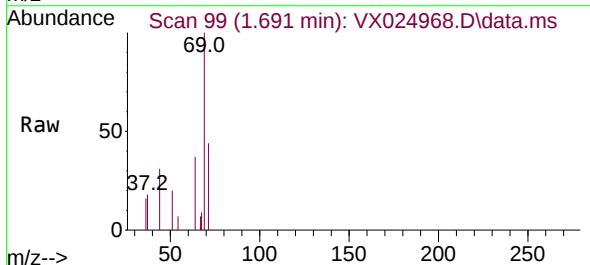
Instrument :
MSVOA_X
ClientSampled :
VHBLK001

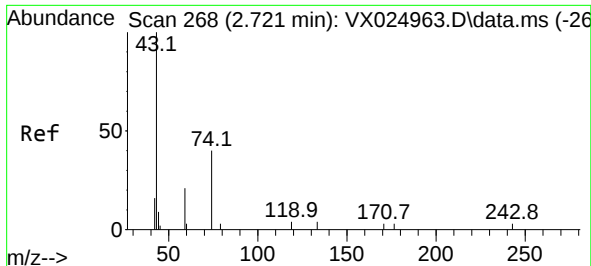
Tgt Ion: 50 Resp: 360
Ion Ratio Lower Upper
50 100
52 36.3 25.5 47.3



#8
Chloroethane
Concen: 0.118 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#

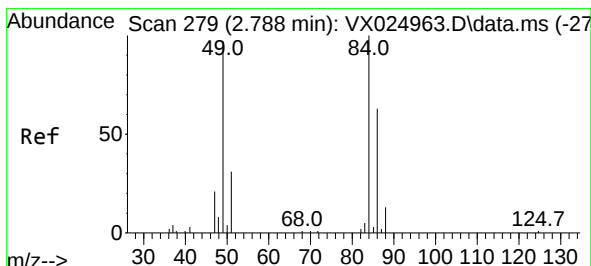
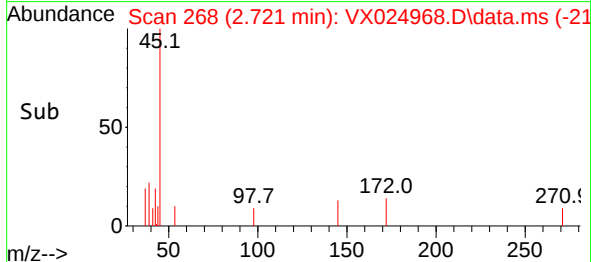
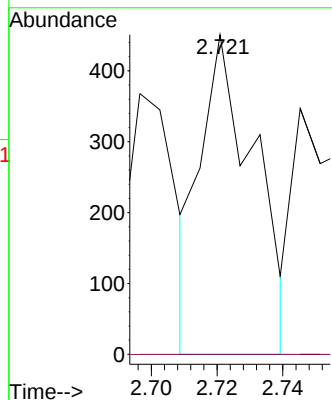
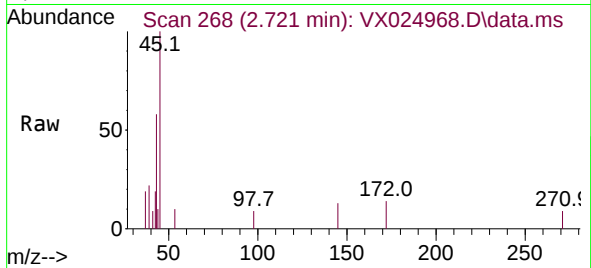




#15
Methyl Acetate
Concen: 0.404 ug/L
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

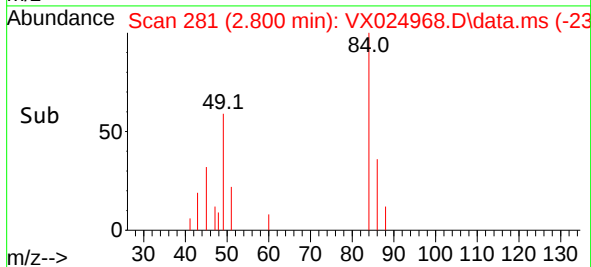
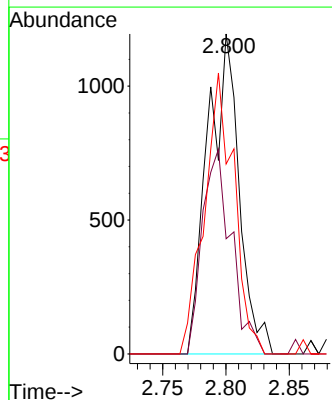
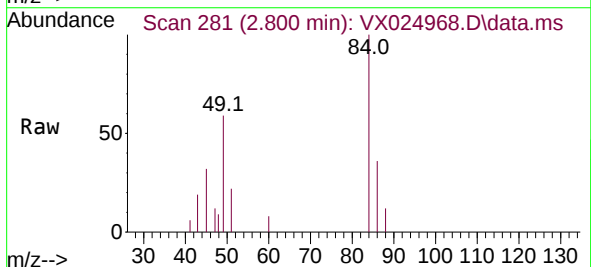
Instrument :
MSVOA_X
ClientSampled :
VHBLK001

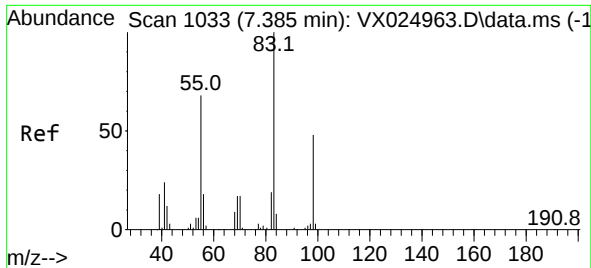
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
74 0.0 26.8 40.2#



#16
Methylene chloride
Concen: 0.417 ug/L
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

Tgt Ion: 84 Resp: 2059
Ion Ratio Lower Upper
84 100
86 36.0 49.5 91.9#
49 59.3 62.7 116.5#

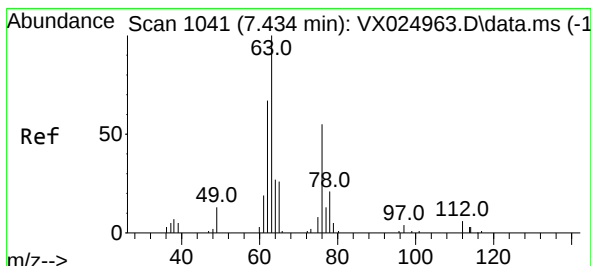
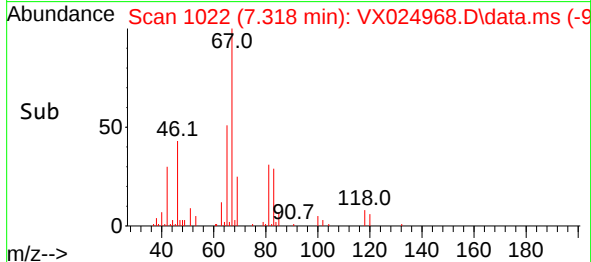
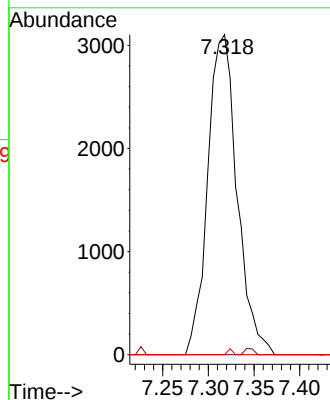
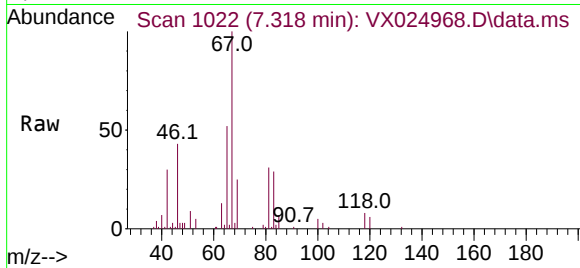




#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

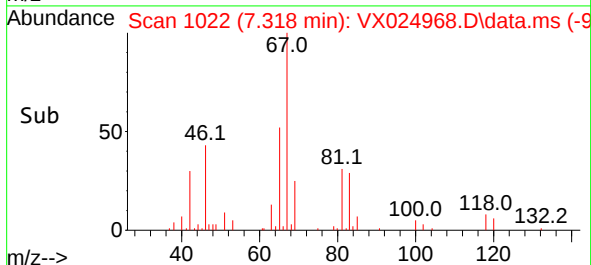
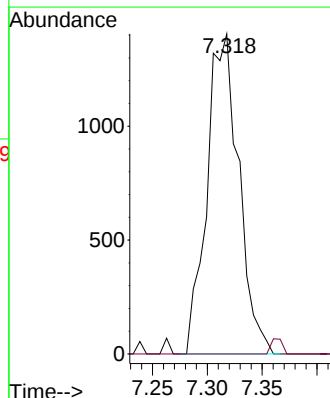
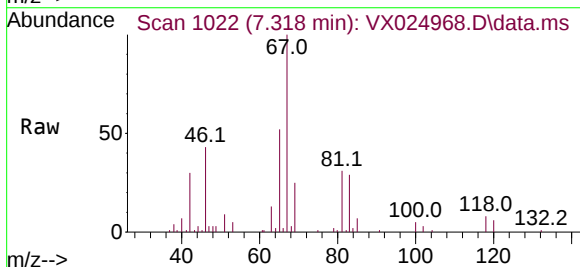
Instrument :
MSVOA_X
ClientSampleId :
VHBLK001

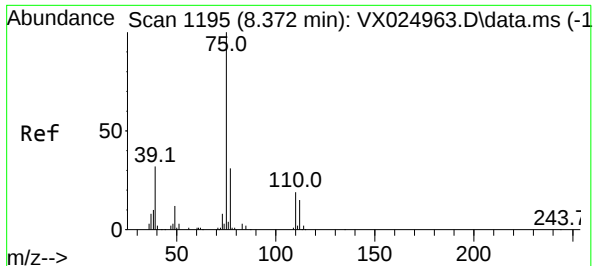
Tgt Ion: 83 Resp: 6936
Ion Ratio Lower Upper
83 100
55 0.6 55.7 83.5#
98 0.3 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

Tgt Ion: 63 Resp: 2835
Ion Ratio Lower Upper
63 100
112 1.7 3.5 5.3#



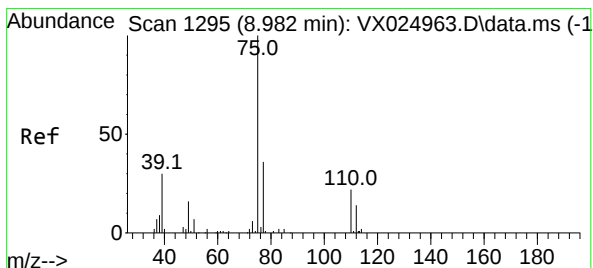
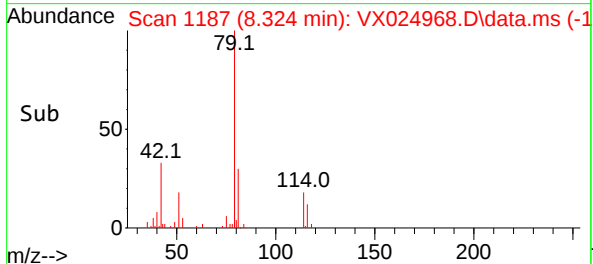
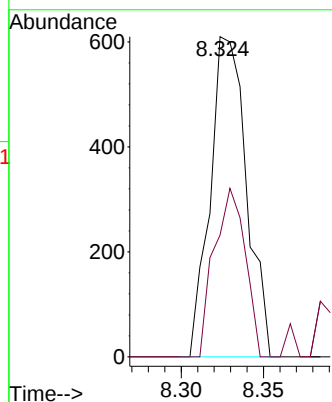
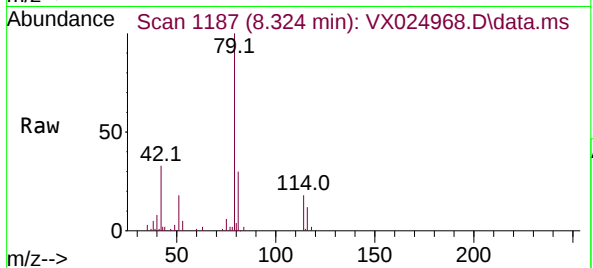


#39

cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.049 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

Instrument :
MSVOA_X
ClientSampled :
VHBLK001

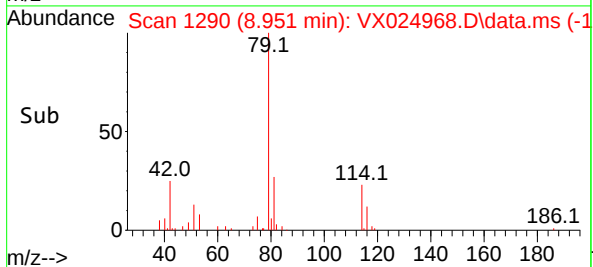
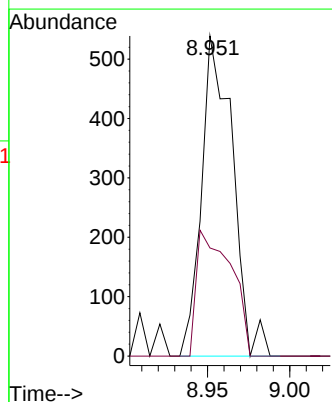
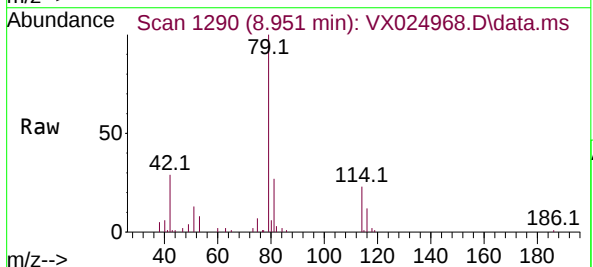
Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
77 38.0 20.9 38.9

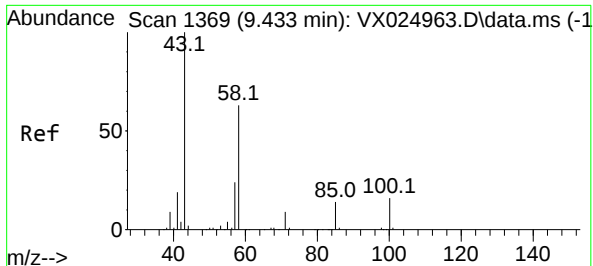


#44

trans-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 8.951 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

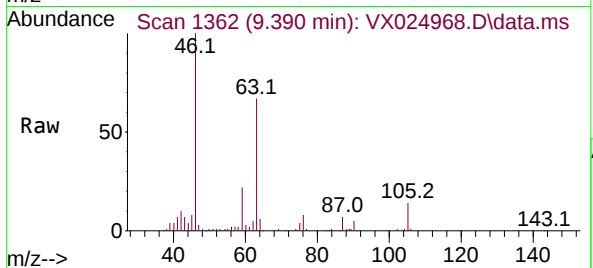
Tgt Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
77 33.8 23.4 43.4



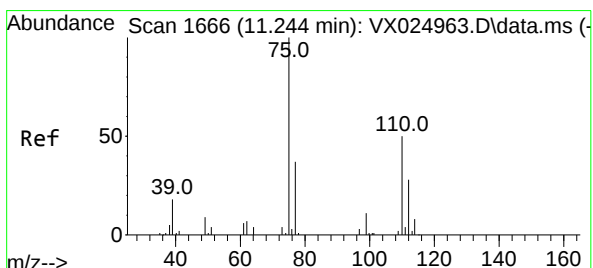
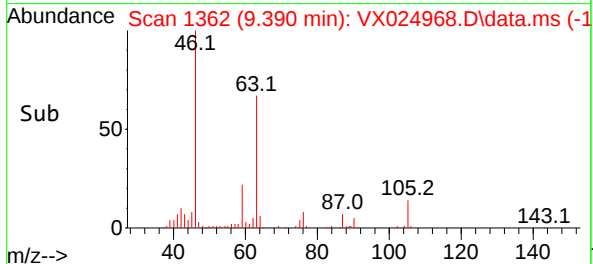
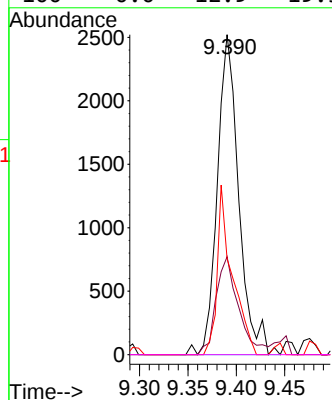


#48
2-Hexanone
Concen: 2.613 ug/L
RT: 9.390 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX024968.D
Acq: 27 Oct 2021 12:24

Instrument :
MSVOA_X
ClientSampleId :
VHBLK001



Tgt Ion:	43	Resp:	3873
Ion	Ratio	Lower	Upper
43	100		
58	32.4	52.7	79.1#
57	37.3	21.2	31.8#
100	0.0	12.9	19.3#



#61
1,2,3-Trichloropropane
Concen: 1.167 ug/L
RT: 12.030 min Scan# 1795
Delta R.T. 0.786 min
Lab File: VX024968.D
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Tgt Ion:	75	Resp:	3490
Ion	Ratio	Lower	Upper
75	100		
77	42.1	28.1	42.1#
110	3.8	34.7	52.1#

