

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102621\
 Data File : VX024941.D
 Acq On : 26 Oct 2021 13:13
 Operator : JC/MD
 Sample : VIBLK141
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 03:02:27 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)

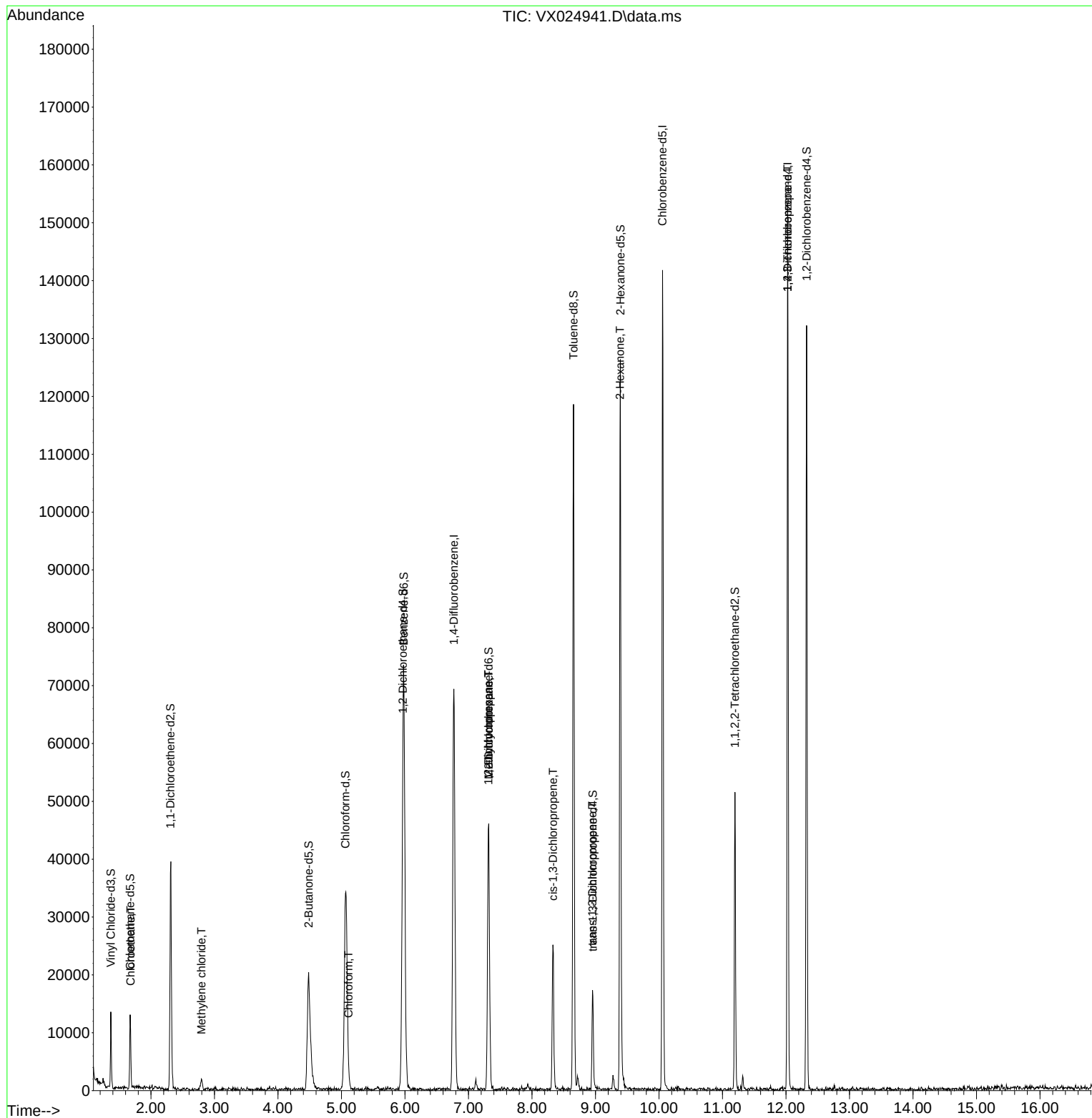
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	67369	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	62699	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	7063	3.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.673	69	7717	4.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.307	63	21609	2.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	4.483	46	38359	53.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.100%
24) Chloroform-d	5.062	84	47594	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.964	65	25565	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.983	84	72286	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	7.318	67	22519	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	8.653	98	69083	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.958	79	9567	4.472	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	9.391	63	40090	52.070	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18655	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	25788	5.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
8) Chloroethane	1.679	64	379	0.191	ug/L #	42
16) Methylene chloride	2.794	84	1082	0.225	ug/L #	68
25) Chloroform	5.111	83	1063	0.097	ug/L	83
35) Methylcyclohexane	7.318	83	7008	0.840	ug/L #	21
37) 1,2-Dichloropropane	7.312	63	2859	0.638	ug/L #	90
39) cis-1,3-Dichloropropene	8.330	75	792	0.105	ug/L #	59
44) trans-1,3-Dichloropropene	8.952	75	612	0.089	ug/L	92
48) 2-Hexanone	9.385	43	4027	2.765	ug/L #	67
61) 1,2,3-Trichloropropane	12.024	75	3176	1.112	ug/L #	57

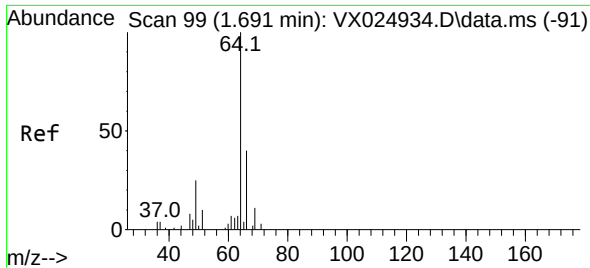
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

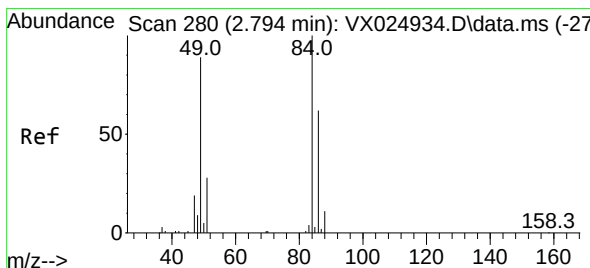
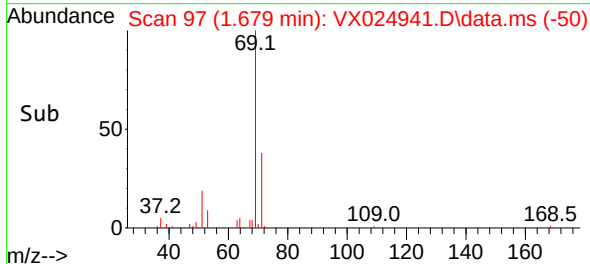
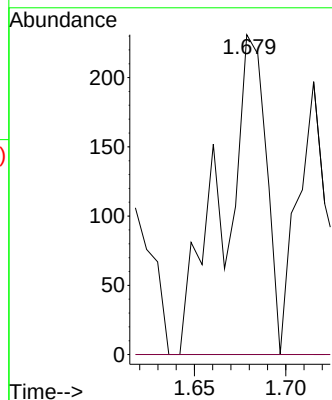
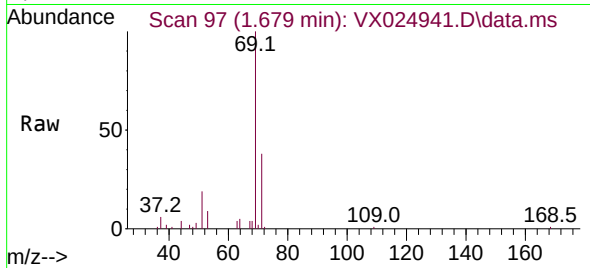




#8
Chloroethane
Concen: 0.191 ug/L
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX024941.D
Acq: 26 Oct 2021 13:13

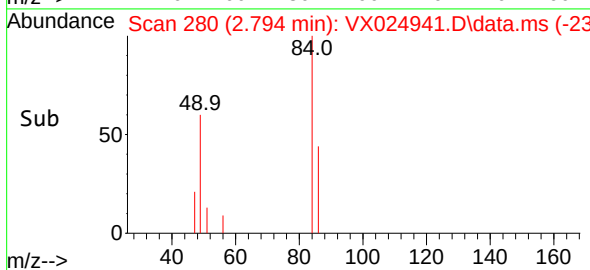
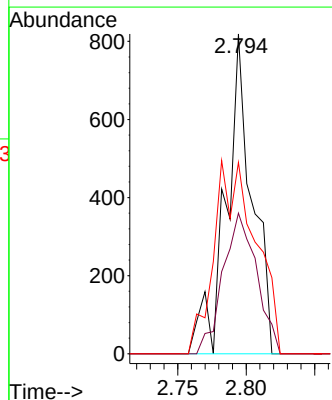
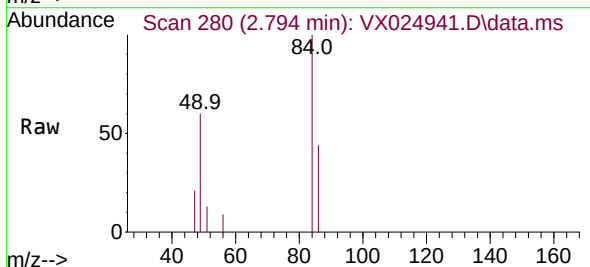
Instrument :
MSVOA_X
ClientSampled :

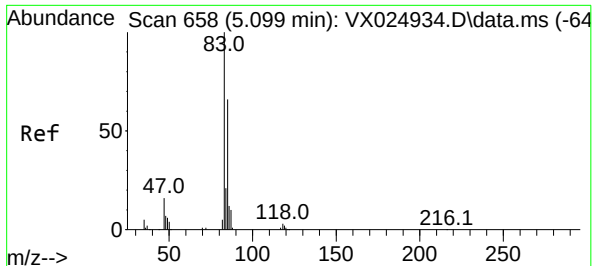
Tgt Ion: 64 Resp: 379
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#



#16
Methylene chloride
Concen: 0.225 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024941.D
Acq: 26 Oct 2021 13:13

Tgt Ion: 84 Resp: 1082
Ion Ratio Lower Upper
84 100
86 44.0 49.5 91.9#
49 59.8 62.7 116.5#





#25

Chloroform

Concen: 0.097 ug/L

RT: 5.111 min Scan# 660

Delta R.T. 0.012 min

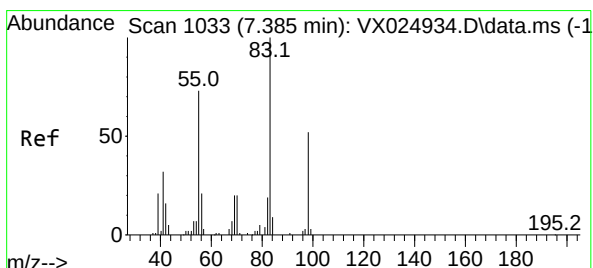
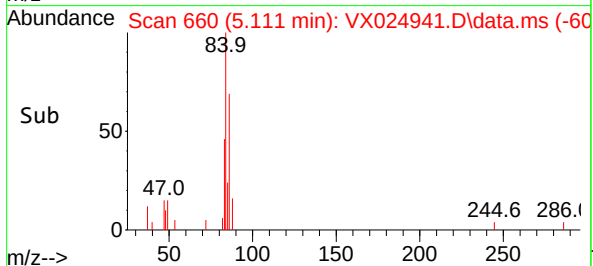
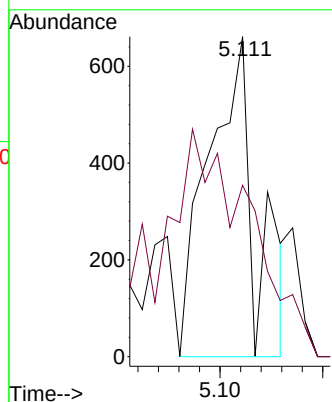
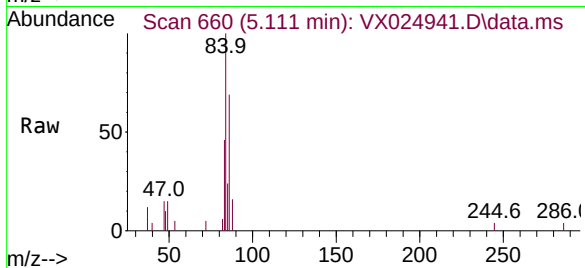
Lab File: VX024941.D

Acq: 26 Oct 2021 13:13

Tgt Ion: 83 Resp: 1063

Ion Ratio Lower Upper

83	100		
85	53.6	47.0	87.4



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.067 min

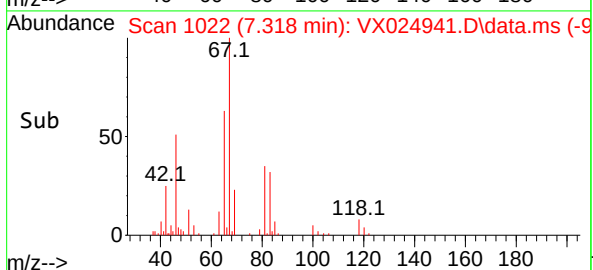
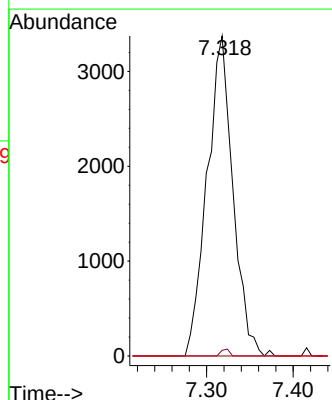
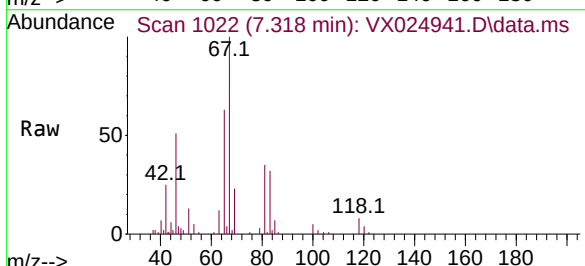
Lab File: VX024941.D

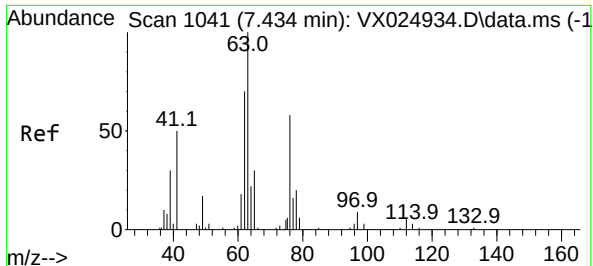
Acq: 26 Oct 2021 13:13

Tgt Ion: 83 Resp: 7008

Ion Ratio Lower Upper

83	100		
55	0.7	55.7	83.5#
98	0.0	38.3	57.5#



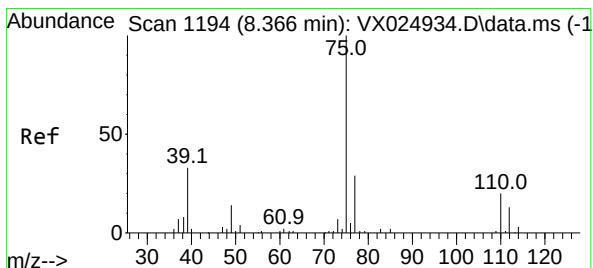
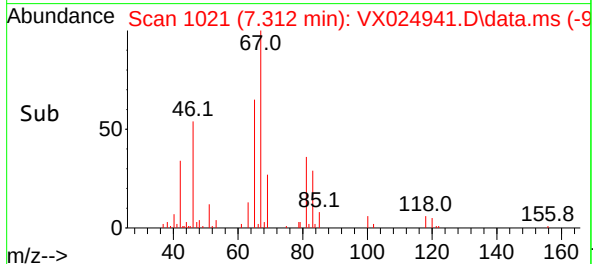
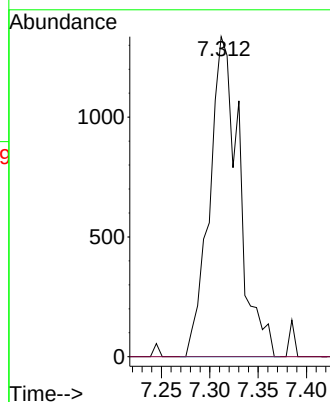
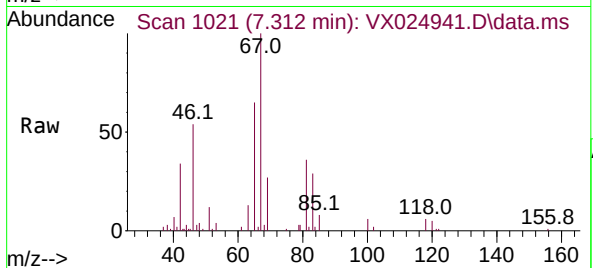


#37

1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX024941.D
Acq: 26 Oct 2021 13:13

Instrument :
MSVOA_X
ClientSampled :

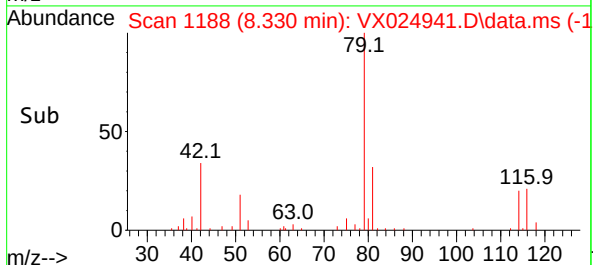
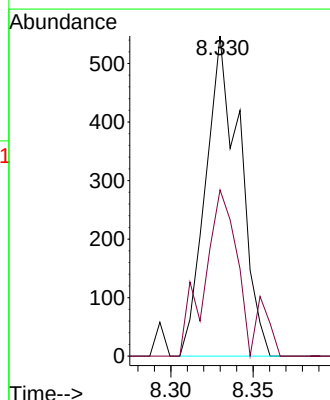
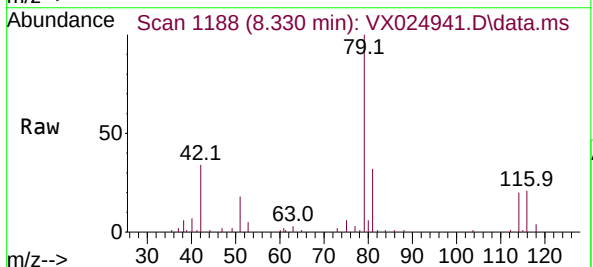
Tgt Ion: 63 Resp: 2859
Ion Ratio Lower Upper
63 100
112 1.0 3.5 5.3#

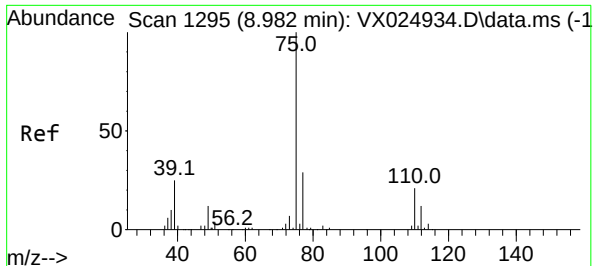


#39

cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX024941.D
Acq: 26 Oct 2021 13:13

Tgt Ion: 75 Resp: 792
Ion Ratio Lower Upper
75 100
77 51.9 20.9 38.9#

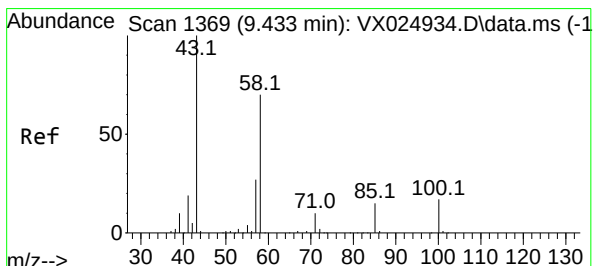
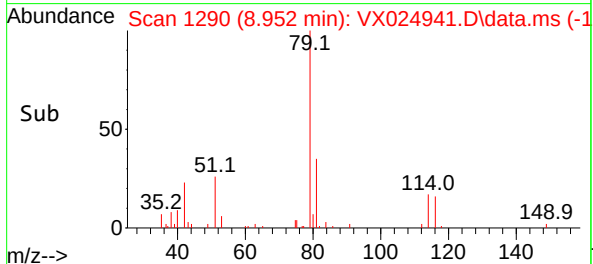
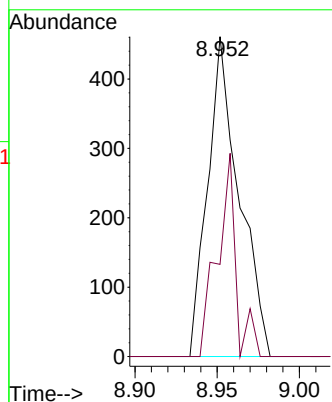
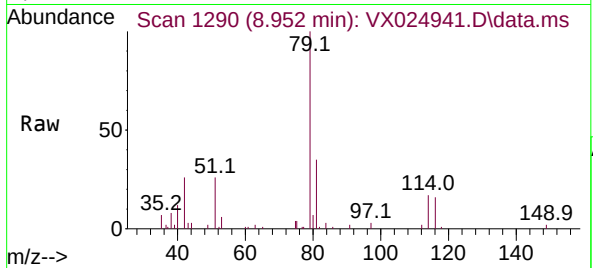




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX024941.D
Acq: 26 Oct 2021 13:13

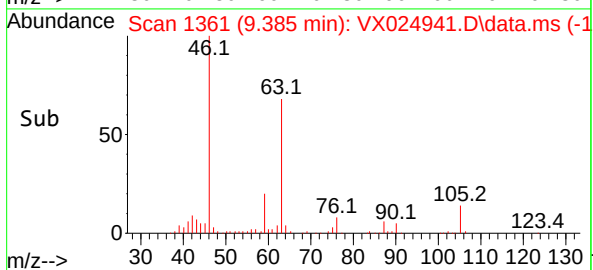
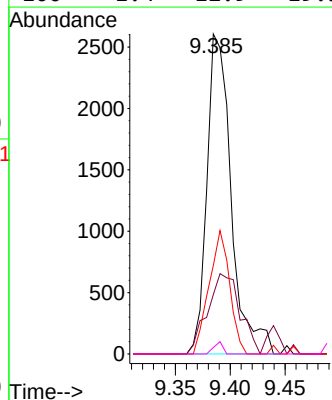
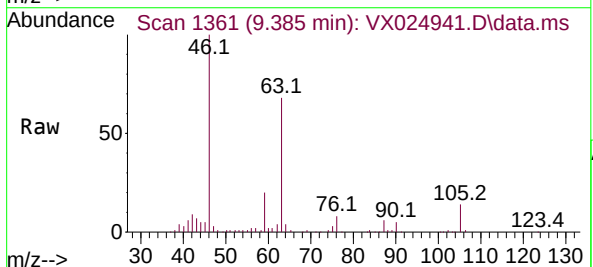
Instrument :
MSVOA_X
ClientSampled :

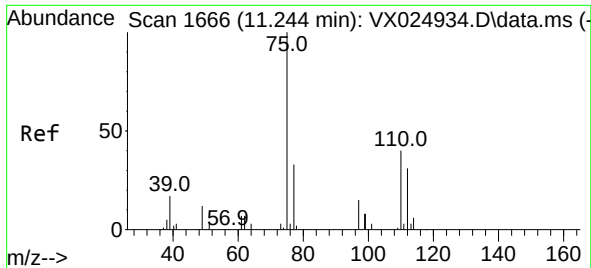
Tgt Ion: 75 Resp: 612
Ion Ratio Lower Upper
75 100
77 28.9 23.4 43.4



#48
2-Hexanone
Concen: 2.765 ug/L
RT: 9.385 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX024941.D
Acq: 26 Oct 2021 13:13

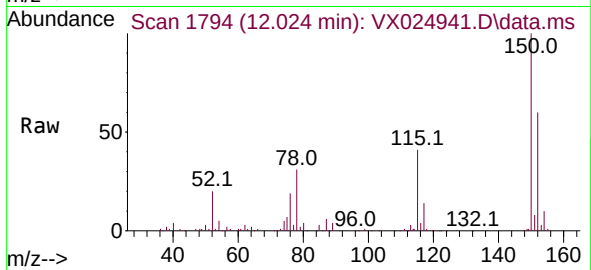
Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 33.5 52.7 79.1#
57 32.7 21.2 31.8#
100 1.4 12.9 19.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.112 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX024941.D
 Acq: 26 Oct 2021 13:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 3176
 Ion Ratio Lower Upper
 75 100
 77 45.1 28.1 42.1#
 110 2.6 34.7 52.1#

