

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102621\
 Data File : VX024959.D
 Acq On : 26 Oct 2021 20:22
 Operator : JC/MD
 Sample : M4319-09
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 03:06:42 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)

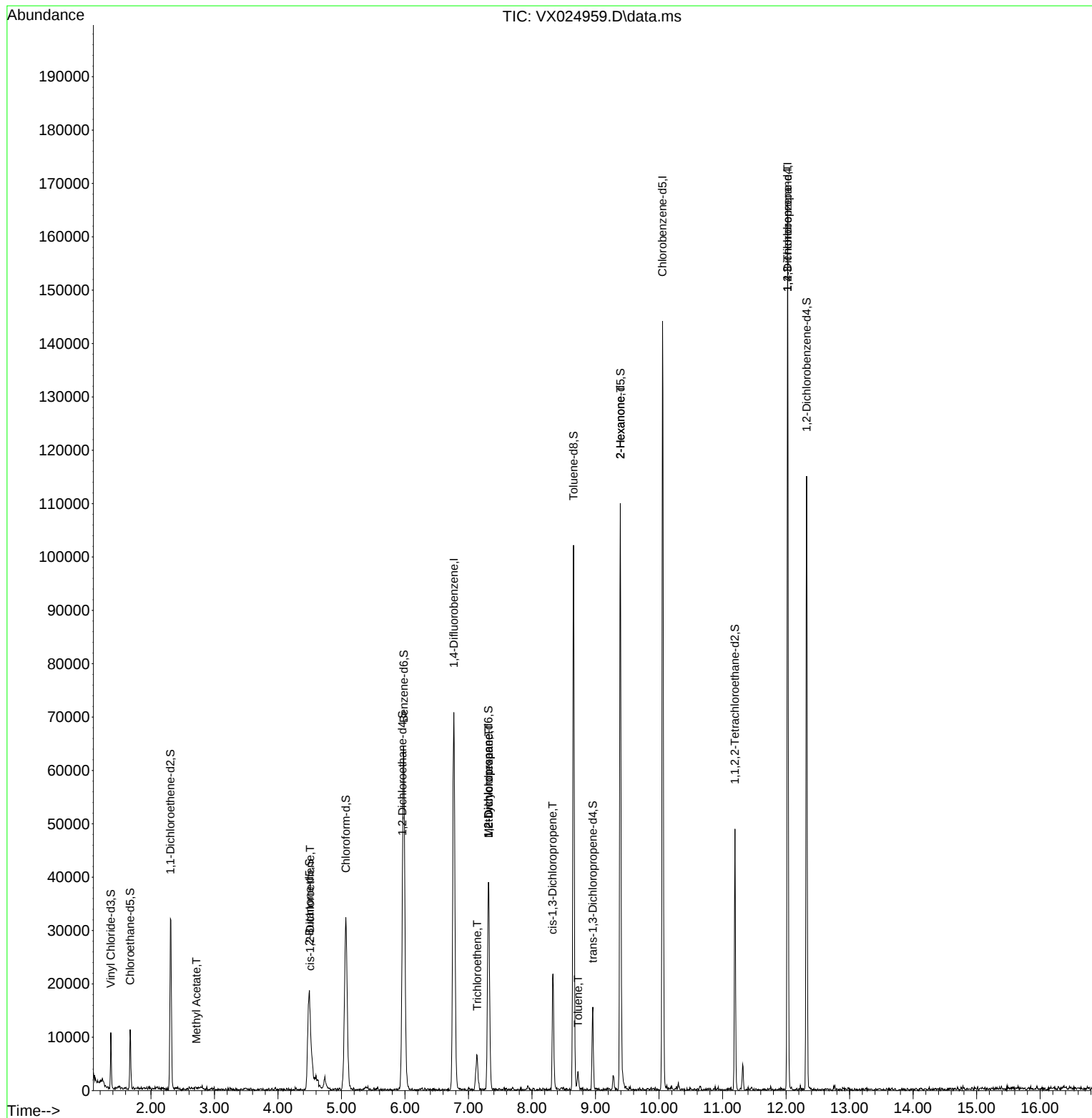
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	69917	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	5937	2.892	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.672	69	6998	3.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.306	63	18679	2.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.800%#
20) 2-Butanone-d5	4.495	46	34957	46.581	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	5.068	84	42485	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.958	65	21999	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.983	84	62910	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	7.312	67	19381	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	8.653	98	61556	3.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.958	79	8302	3.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	9.390	63	34975	42.682	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.360%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	16121	4.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	22957	4.421	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						Qvalue
15) Methyl Acetate	2.715	43	175	0.137	ug/L #	41
22) cis-1,2-Dichloroethene	4.507	96	1760	0.328	ug/L	98
34) Trichloroethene	7.135	95	2569	0.405	ug/L #	84
35) Methylcyclohexane	7.318	83	6163	0.694	ug/L #	22
37) 1,2-Dichloropropane	7.318	63	2630	0.552	ug/L #	93
39) cis-1,3-Dichloropropene	8.324	75	744	0.093	ug/L #	28
42) Toluene	8.726	91	2248	0.099	ug/L	85
48) 2-Hexanone	9.390	43	3684	2.377	ug/L #	67
61) 1,2,3-Trichloropropane	12.024	75	3456	1.149	ug/L #	56

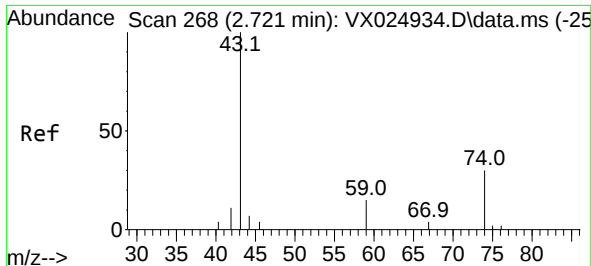
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

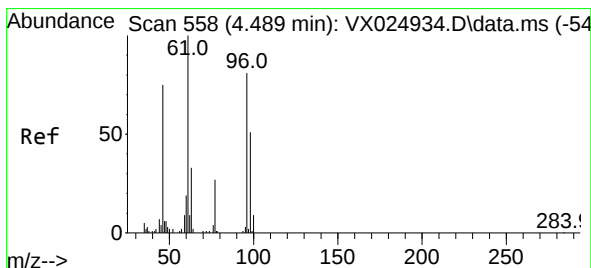
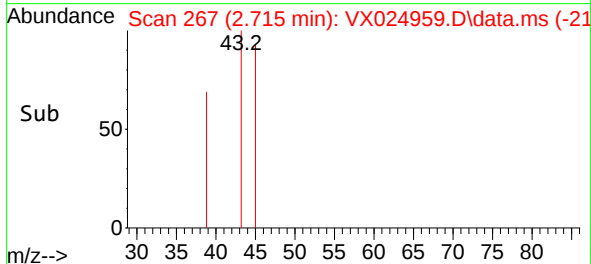
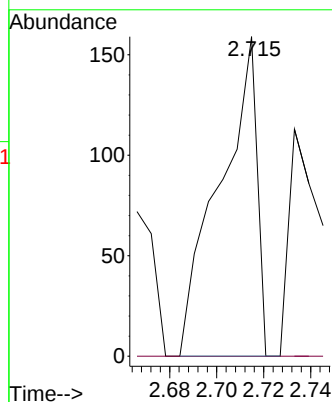
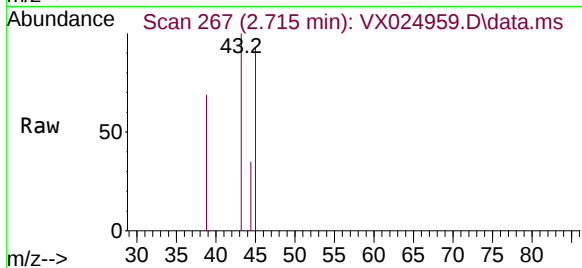




#15
Methyl Acetate
Concen: 0.137 ug/L
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX024959.D
Acq: 26 Oct 2021 20:22

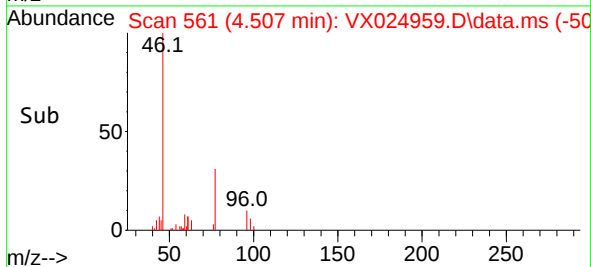
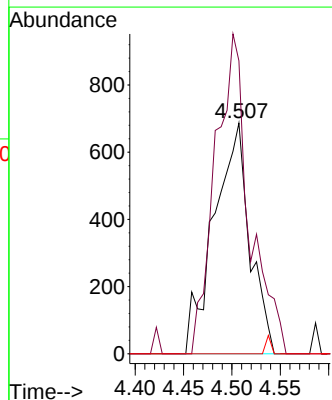
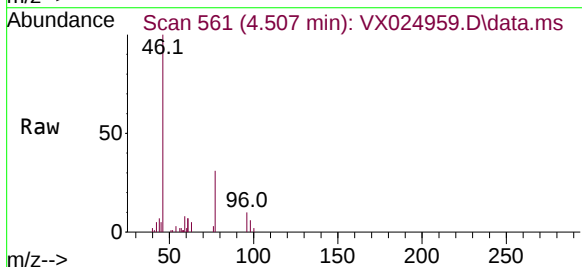
Instrument :
MSVOA_X
ClientSampled :

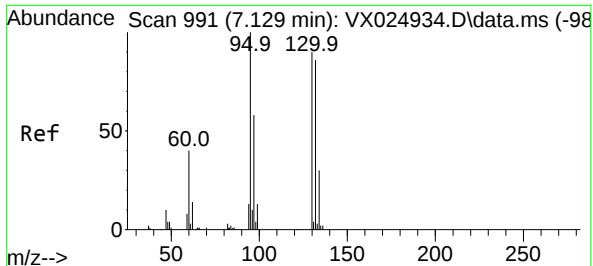
Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
74 0.0 26.8 40.2#



#22
cis-1,2-Dichloroethene
Concen: 0.328 ug/L
RT: 4.507 min Scan# 561
Delta R.T. 0.018 min
Lab File: VX024959.D
Acq: 26 Oct 2021 20:22

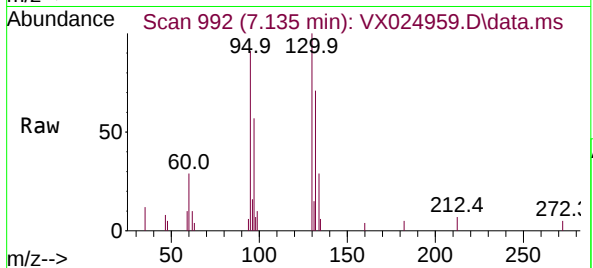
Tgt Ion: 96 Resp: 1760
Ion Ratio Lower Upper
96 100
61 126.9 90.3 167.7
68 0.0 0.0 0.0



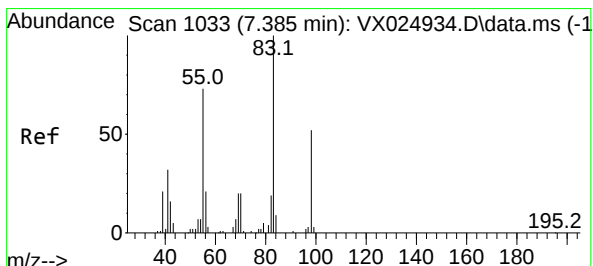
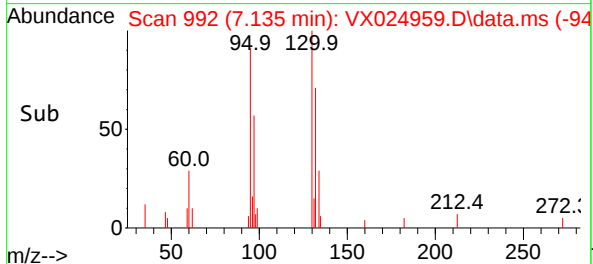
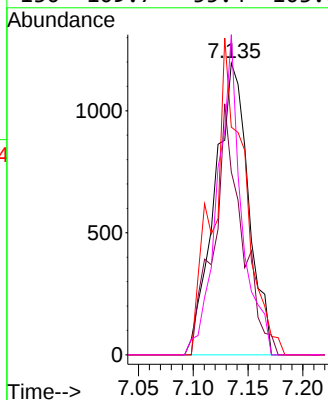


#34
Trichloroethene
Concen: 0.405 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024959.D
Acq: 26 Oct 2021 20:22

Instrument :
MSVOA_X
ClientSampleId :

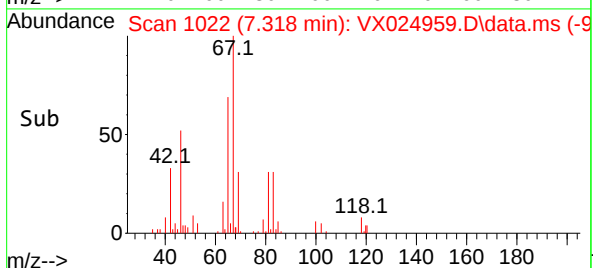
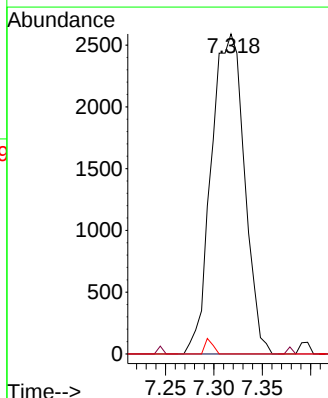
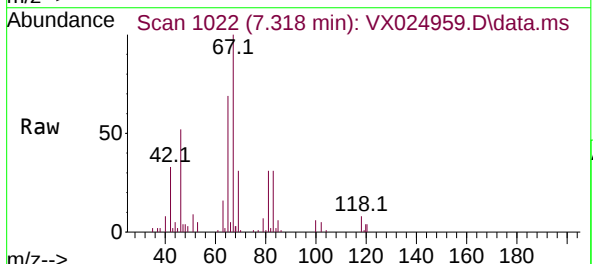


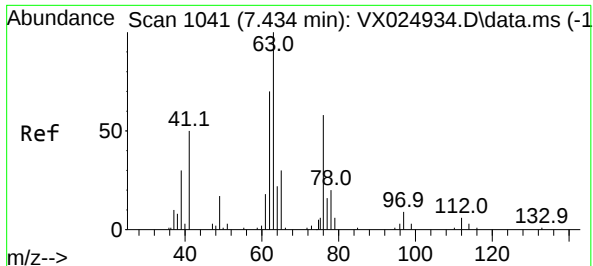
Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.6	86.6
132	78.0	58.4	108.6
130	109.7	55.4	103.0#



#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX024959.D
Acq: 26 Oct 2021 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.7	83.5#
98	1.2	38.3	57.5#



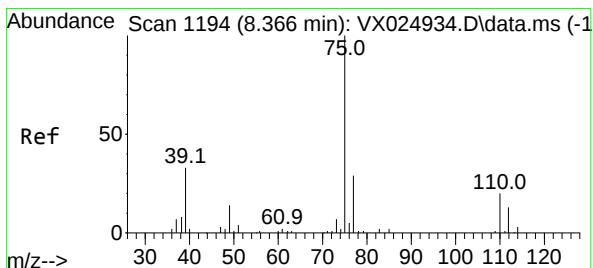
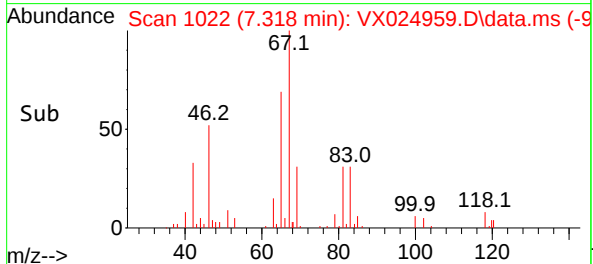
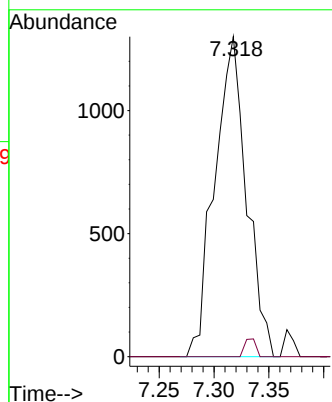
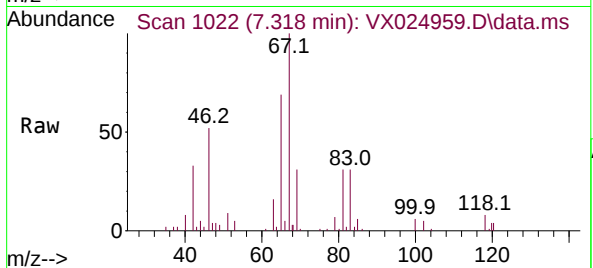


#37

1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX024959.D
Acq: 26 Oct 2021 20:22

Instrument :
MSVOA_X
ClientSampled :

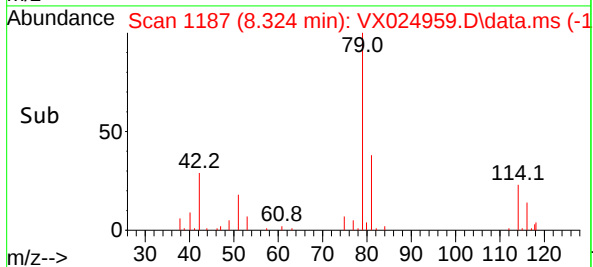
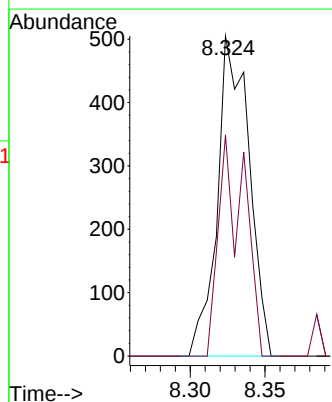
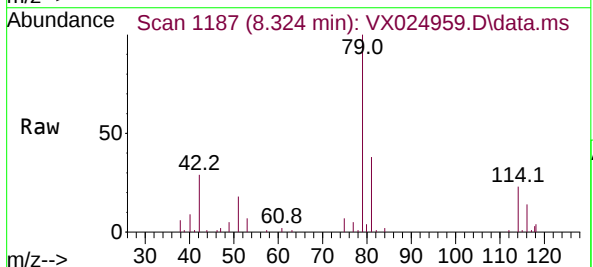
Tgt Ion: 63 Resp: 2630
Ion Ratio Lower Upper
63 100
112 2.0 3.5 5.3#

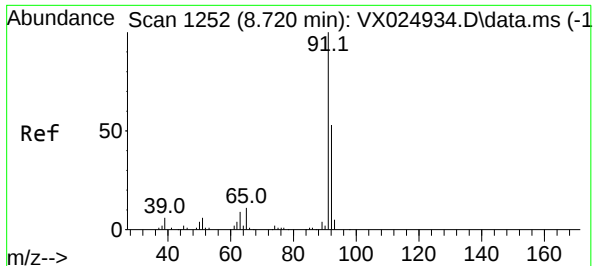


#39

cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX024959.D
Acq: 26 Oct 2021 20:22

Tgt Ion: 75 Resp: 744
Ion Ratio Lower Upper
75 100
77 69.1 20.9 38.9#





#42

Toluene

Concen: 0.099 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX024959.D

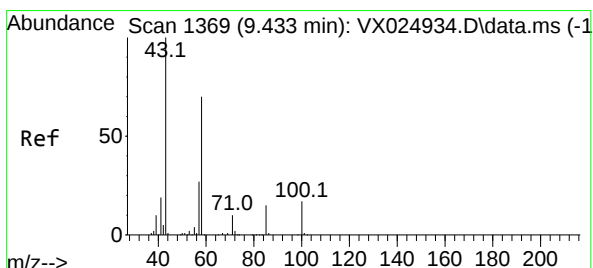
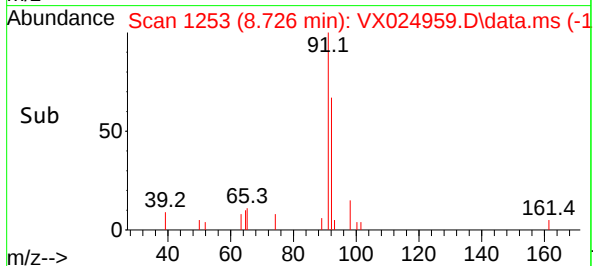
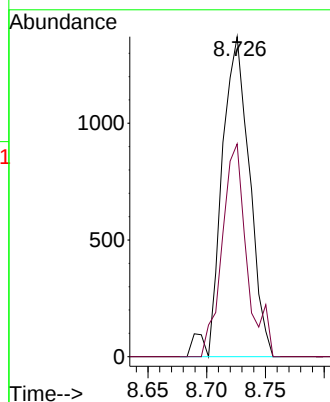
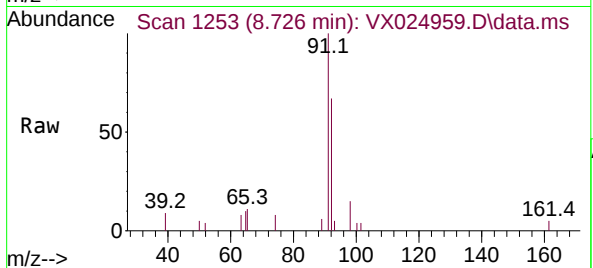
Acq: 26 Oct 2021 20:22

Tgt Ion: 91 Resp: 2248

Ion Ratio Lower Upper

91 100

92 66.5 39.1 72.5



#48

2-Hexanone

Concen: 2.377 ug/L

RT: 9.390 min Scan# 1362

Delta R.T. -0.043 min

Lab File: VX024959.D

Acq: 26 Oct 2021 20:22

Tgt Ion: 43 Resp: 3684

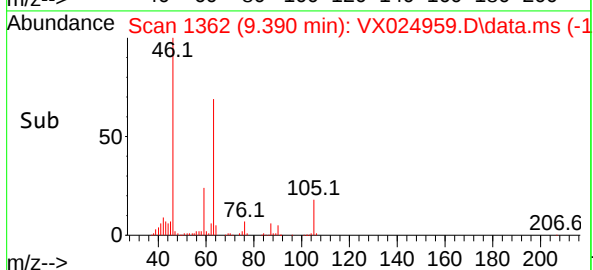
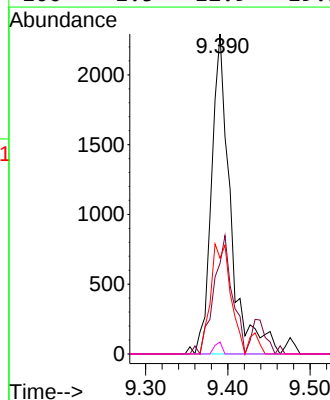
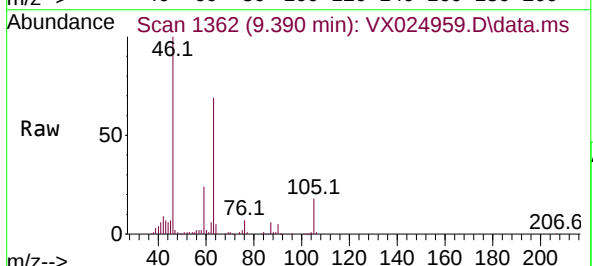
Ion Ratio Lower Upper

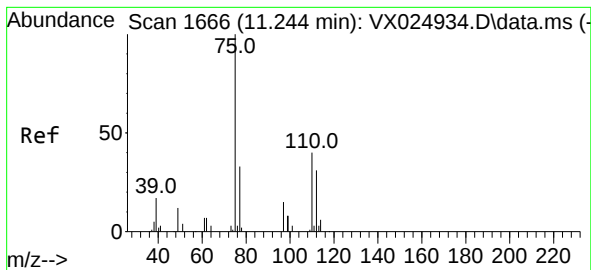
43 100

58 36.0 52.7 79.1#

57 36.2 21.2 31.8#

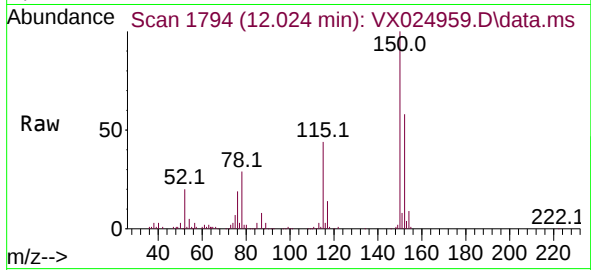
100 1.5 12.9 19.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.149 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX024959.D
 Acq: 26 Oct 2021 20:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 3456
 Ion Ratio Lower Upper
 75 100
 77 47.4 28.1 42.1#
 110 3.7 34.7 52.1#

