

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024445.D
 Acq On : 26 Jan 2022 17:33
 Operator : SY/MD
 Sample : N1275-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 03:51:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 01:56:16 2022
 Response via : Initial Calibration

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

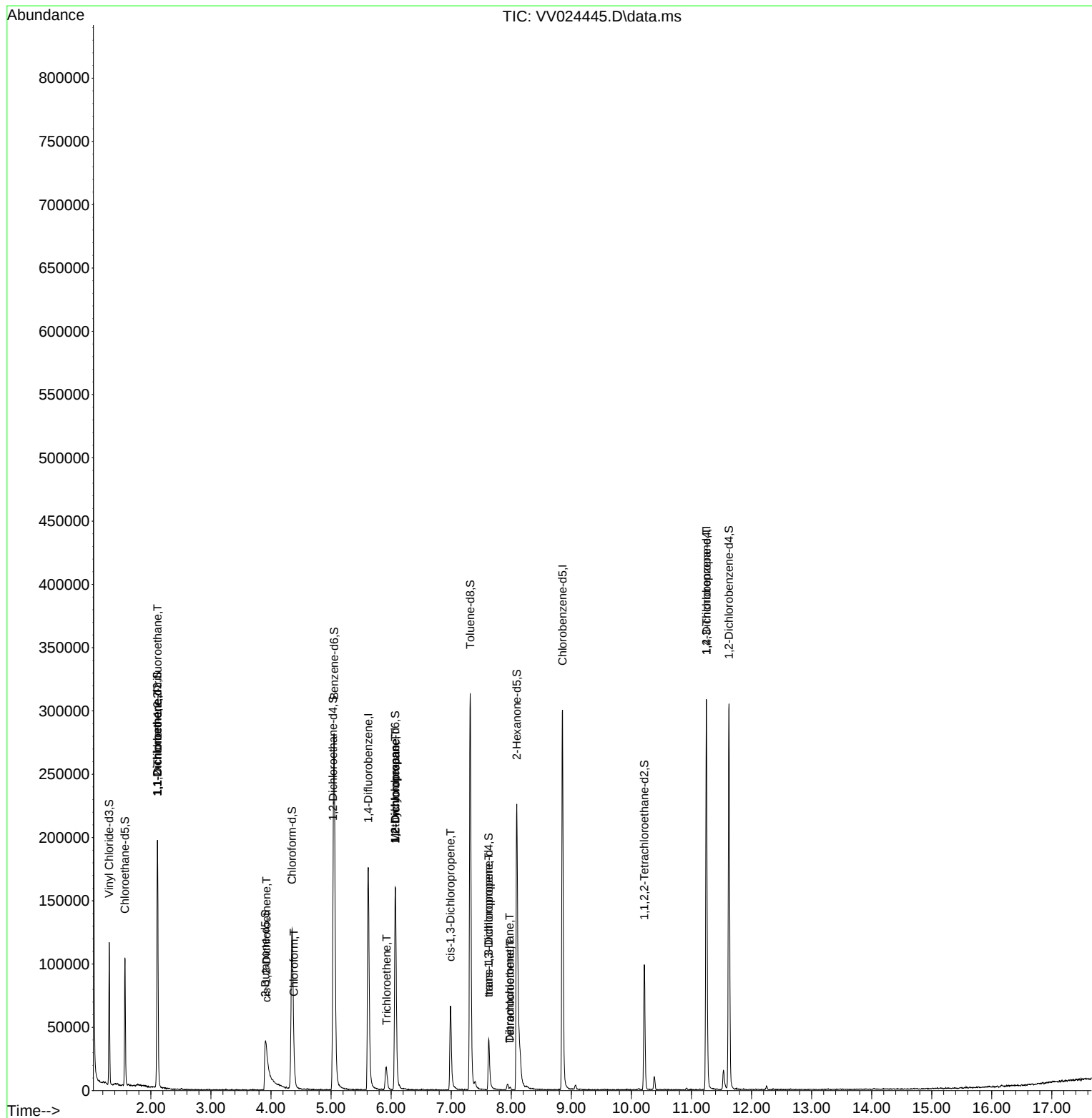
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154939	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	168586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67853	4.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.568	69	63032	5.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.108	63	104654	4.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.905	46	94533	43.697	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.400%
24) Chloroform-d	4.352	84	136558	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.034	65	63900	5.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.053	84	256427	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.069	67	82537	5.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.317	98	216171	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.625	79	24238	4.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.091	63	88494	47.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48113	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	79948	5.574	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1241	0.101	ug/L #	16
12) 1,1-Dichloroethene	2.111	96	1271	0.109	ug/L #	1
22) cis-1,2-Dichloroethene	3.924	96	720	0.064	ug/L #	55
25) Chloroform	4.381	83	9925	0.420	ug/L	99
34) Trichloroethene	5.924	95	4771	0.374	ug/L	92
35) Methylcyclohexane	6.069	83	19836	1.054	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	9303	0.839	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1828	0.122	ug/L #	65
44) trans-1,3-Dichloropropene	7.622	75	1295	0.104	ug/L #	80
47) Tetrachloroethene	7.982	164	534	0.053	ug/L	75
49) Dibromochloromethane	7.976	129	445	0.048	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	9455	1.824	ug/L #	64

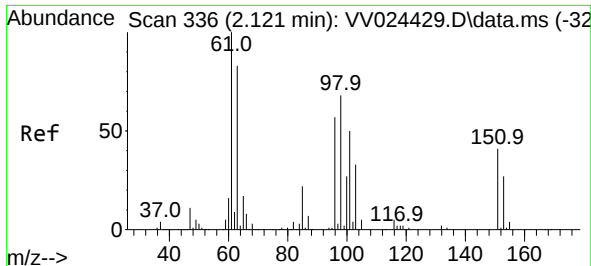
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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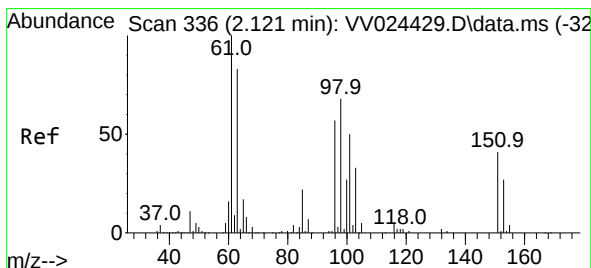
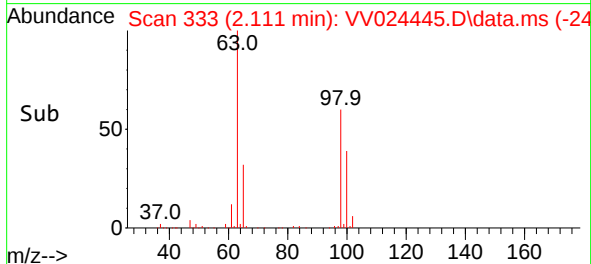
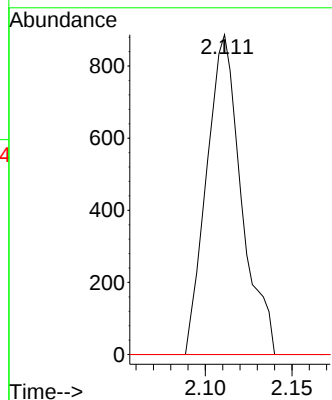
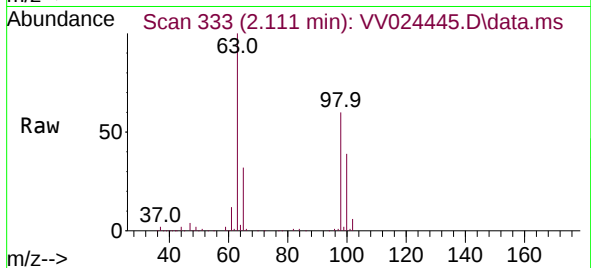




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV024445.D
Acq: 26 Jan 2022 17:33

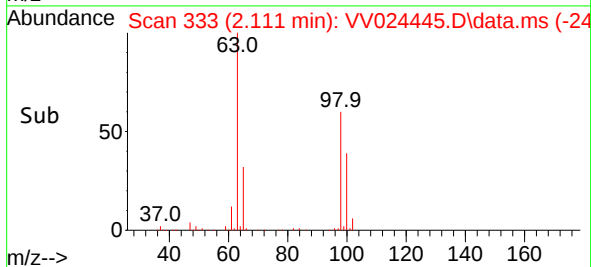
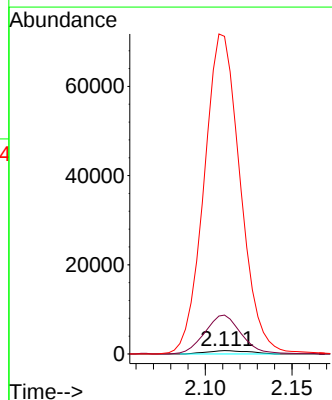
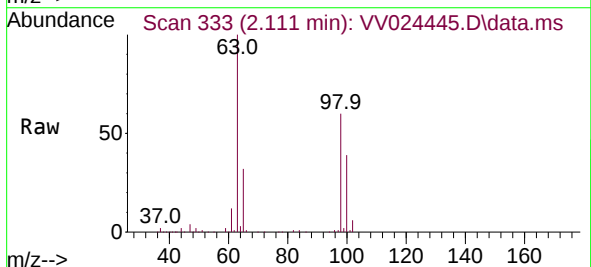
Instrument :
MSVOA_V
ClientSampleId :

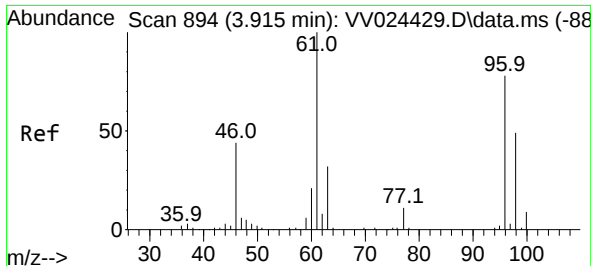
Tgt Ion:101 Resp: 1241
Ion Ratio Lower Upper
101 100
85 0.0 36.0 54.0#
151 0.0 66.4 99.6#



#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV024445.D
Acq: 26 Jan 2022 17:33

Tgt Ion: 96 Resp: 1271
Ion Ratio Lower Upper
96 100
61 1164.9 116.1 215.5#
63 9510.3 79.4 147.4#





#22

cis-1,2-Dichloroethene

Concen: 0.064 ug/L

RT: 3.924 min Scan# 894

Delta R.T. 0.009 min

Lab File: VV024445.D

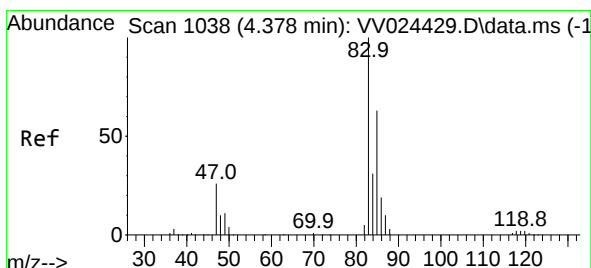
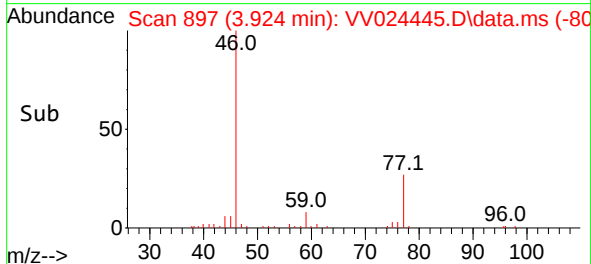
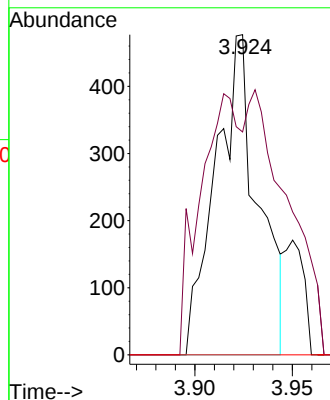
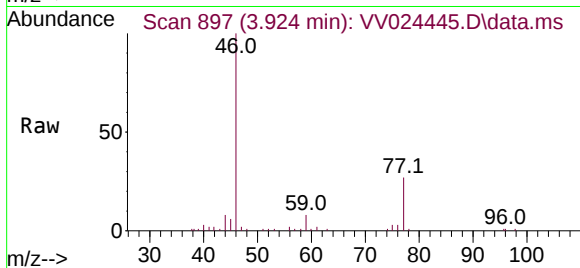
Acq: 26 Jan 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	96	Resp:	720
Ion	Ratio	Lower	Upper
96	100		
61	69.6	83.4	154.8#
68	0.0	0.0	0.0



#25

Chloroform

Concen: 0.420 ug/L

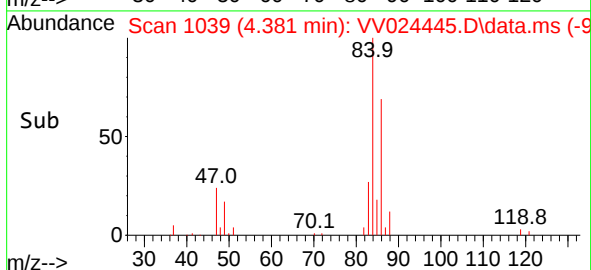
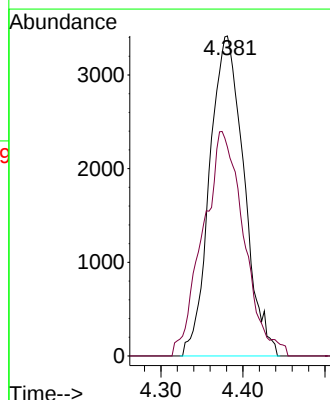
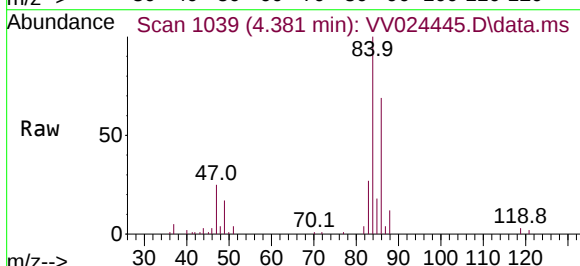
RT: 4.381 min Scan# 1039

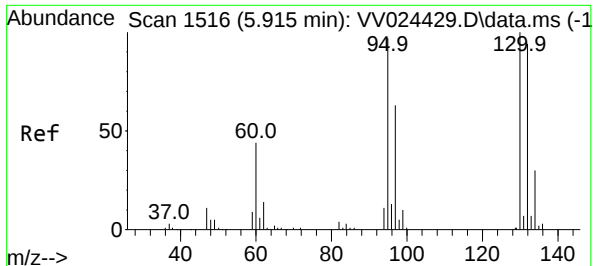
Delta R.T. 0.003 min

Lab File: VV024445.D

Acq: 26 Jan 2022 17:33

Tgt Ion:	83	Resp:	9925
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.2	84.0

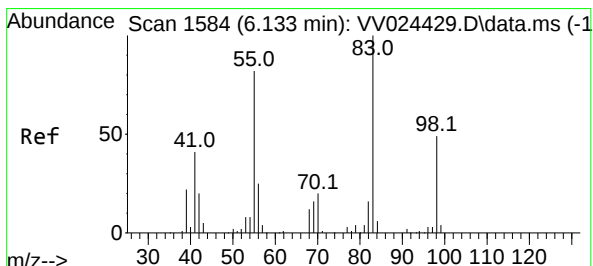
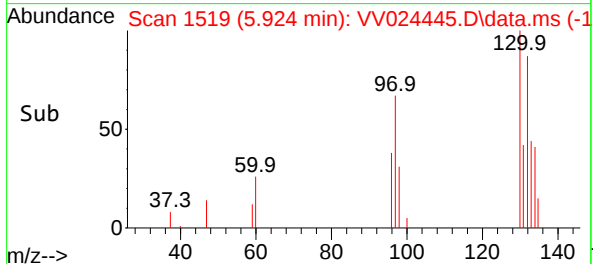
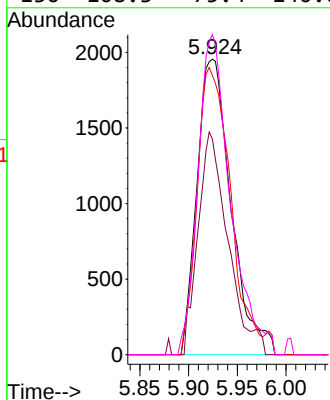
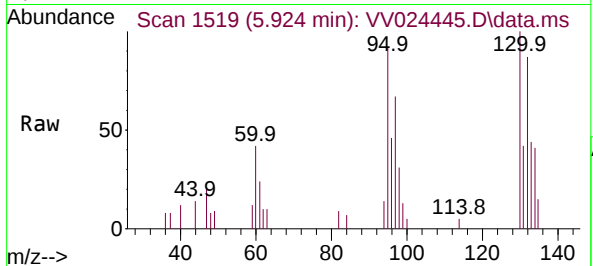




#34
Trichloroethene
Concen: 0.374 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.009 min
Lab File: VV024445.D
Acq: 26 Jan 2022 17:33

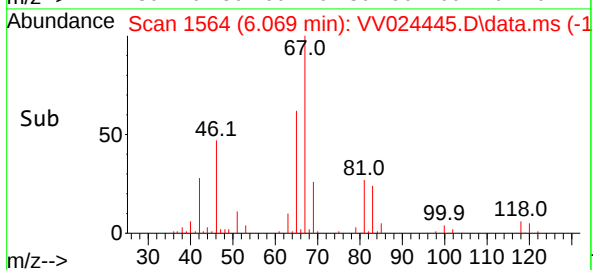
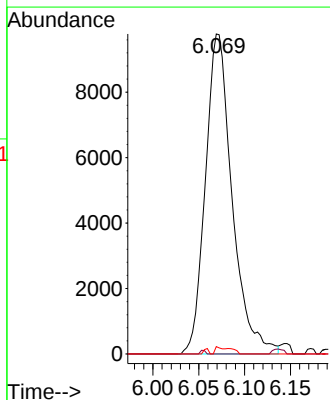
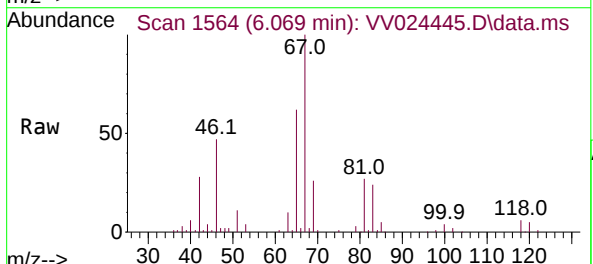
Instrument :
MSVOA_V
ClientSampleId :

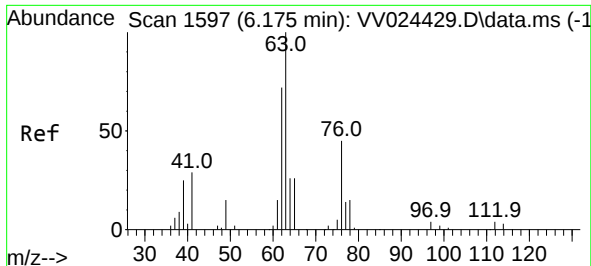
Tgt Ion: 95 Resp: 4771
Ion Ratio Lower Upper
95 100
97 72.9 45.2 84.0
132 94.5 76.1 141.3
130 108.3 75.4 140.0



#35
Methylcyclohexane
Concen: 1.054 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV024445.D
Acq: 26 Jan 2022 17:33

Tgt Ion: 83 Resp: 19836
Ion Ratio Lower Upper
83 100
55 0.2 60.2 90.2#
98 0.7 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.839 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV024445.D

Acq: 26 Jan 2022 17:33

Instrument :

MSVOA_V

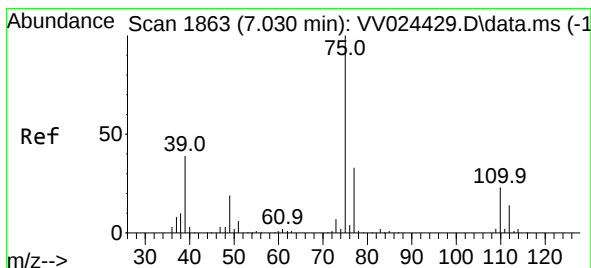
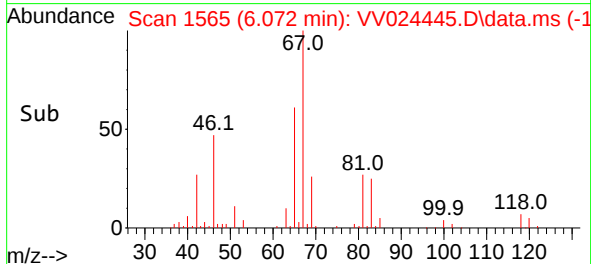
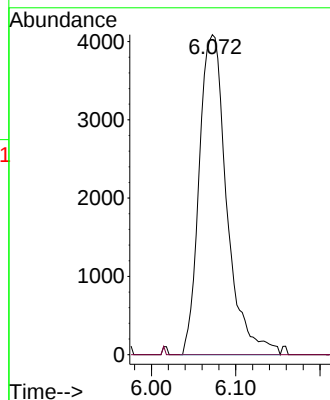
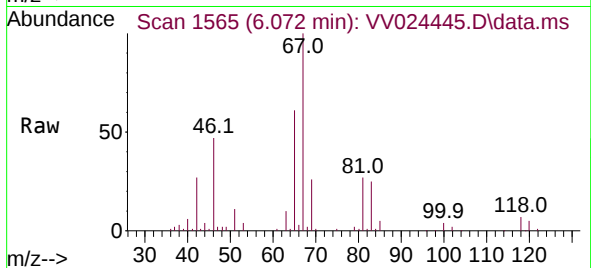
ClientSampleId :

Tgt Ion: 63 Resp: 9303

Ion Ratio Lower Upper

63 100

112 0.2 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.041 min

Lab File: VV024445.D

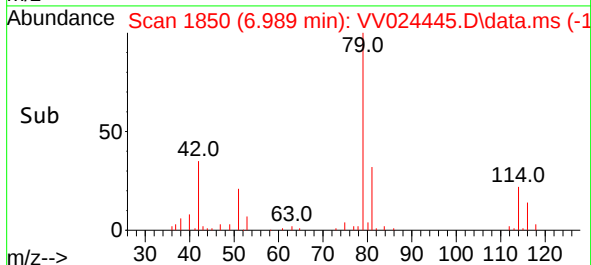
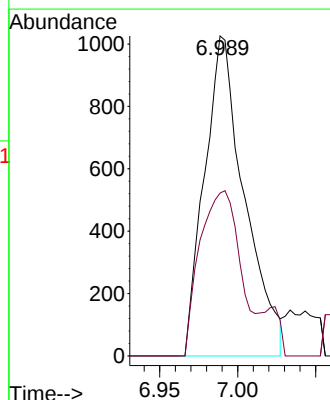
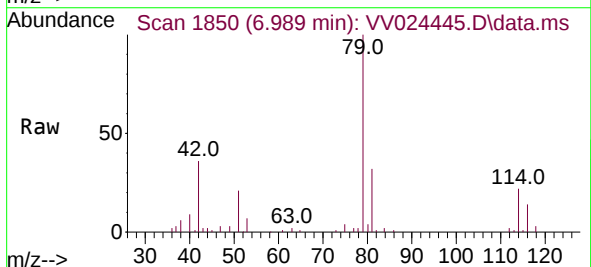
Acq: 26 Jan 2022 17:33

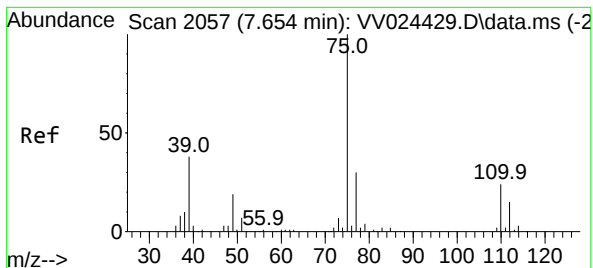
Tgt Ion: 75 Resp: 1828

Ion Ratio Lower Upper

75 100

77 50.9 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.622 min Scan# 2057

Delta R.T. -0.032 min

Lab File: VV024445.D

Acq: 26 Jan 2022 17:33

Instrument :

MSVOA_V

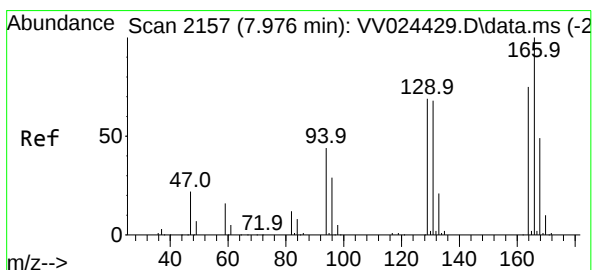
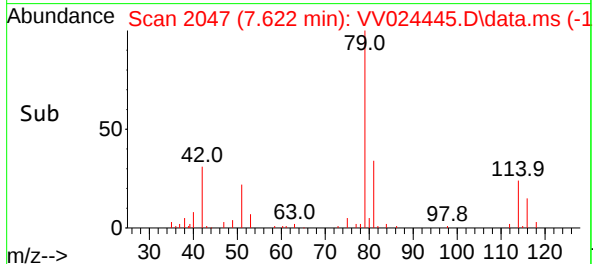
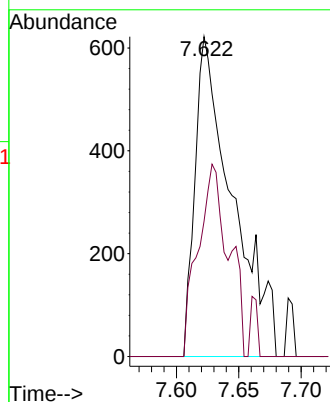
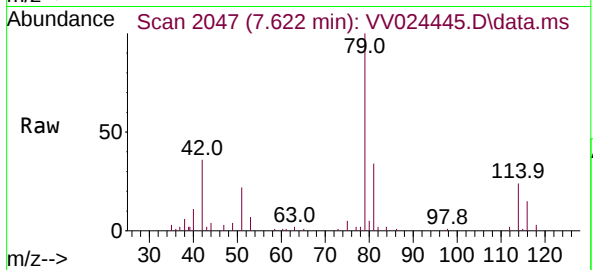
ClientSampleId :

Tgt Ion: 75 Resp: 1295

Ion Ratio Lower Upper

75 100

77 42.3 21.8 40.4#



#47

Tetrachloroethene

Concen: 0.053 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV024445.D

Acq: 26 Jan 2022 17:33

Tgt Ion: 164 Resp: 534

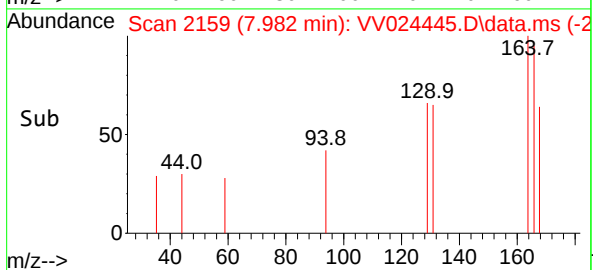
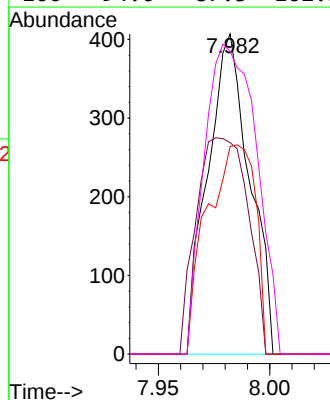
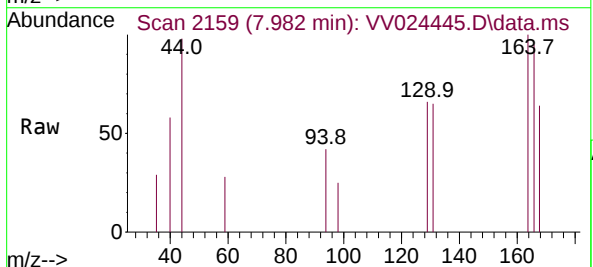
Ion Ratio Lower Upper

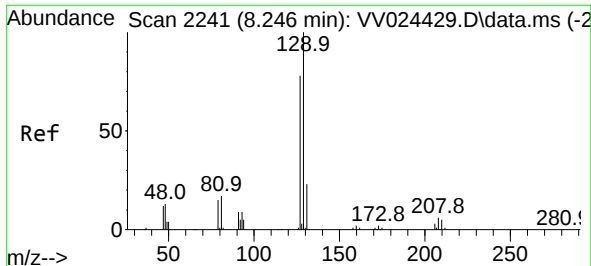
164 100

129 66.1 62.6 116.2

131 64.9 61.0 113.4

166 94.6 87.3 162.1





#49

Dibromochloromethane

Concen: 0.048 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV024445.D

Acq: 26 Jan 2022 17:33

Instrument :

MSVOA_V

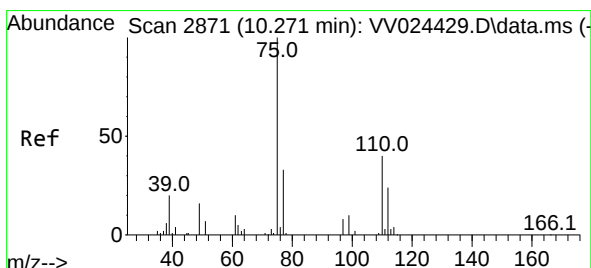
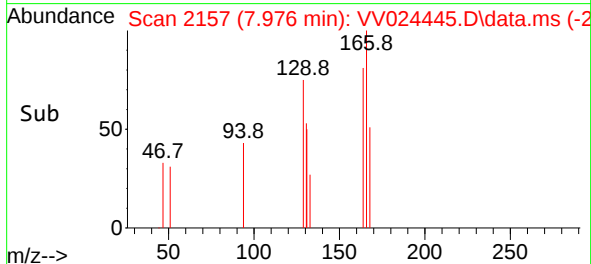
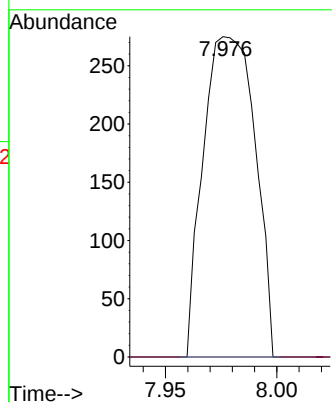
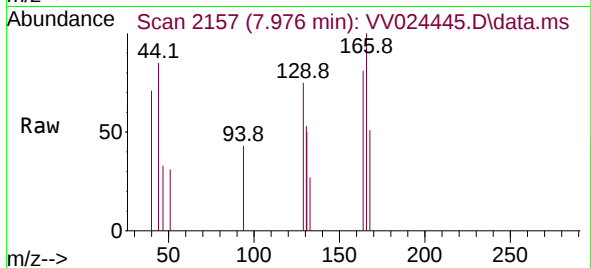
ClientSampleId :

Tgt Ion:129 Resp: 445

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.824 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV024445.D

Acq: 26 Jan 2022 17:33

Tgt Ion: 75 Resp: 9455

Ion Ratio Lower Upper

75 100

77 33.2 26.4 39.6

110 2.1 34.2 51.2#

