

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026034.D
 Acq On : 25 Dec 2021 15:01
 Operator : JC/MD
 Sample : M5214-08ME
 Misc : 6.18G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 05:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

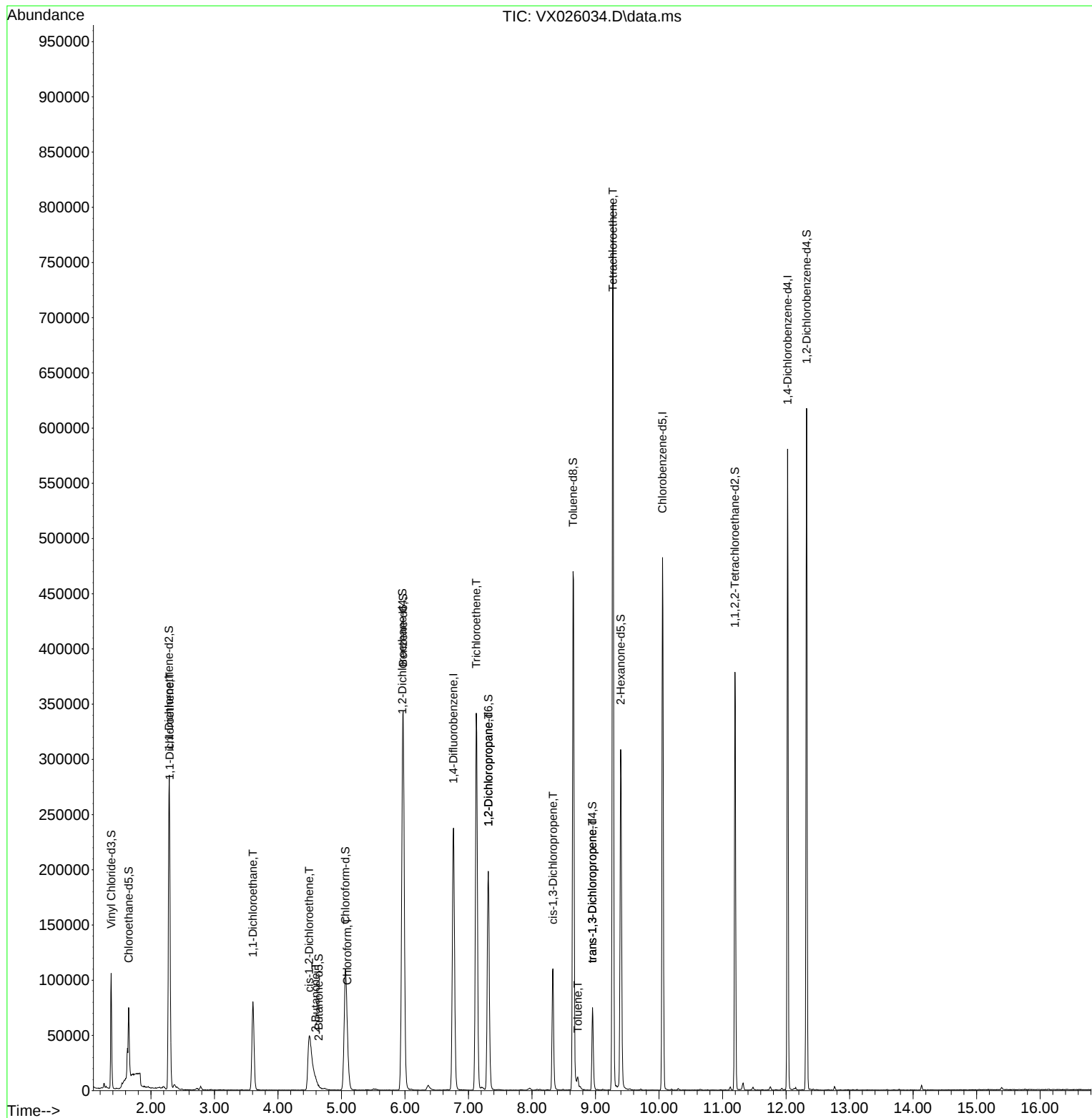
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	246222	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223192	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	72420	41.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.960%
7) Chloroethane-d5	1.648	69	37392	26.797	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.600%#
11) 1,1-Dichloroethene-d2	2.282	63	140777	40.686	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.380%
21) 2-Butanone-d5	4.641	46	880	0.581	ug/L	0.18
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.580%#
24) Chloroform-d	5.062	84	133205	38.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.240%
26) 1,2-Dichloroethane-d4	5.958	65	107544	45.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.920%
32) Benzene-d6	5.970	84	317880	49.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
36) 1,2-Dichloropropane-d6	7.312	67	100906	50.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.060%
41) Toluene-d8	8.647	98	285210	47.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.100%
43) trans-1,3-Dichloroprop...	8.952	79	35156	40.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.920%
47) 2-Hexanone-d5	9.397	63	104123	101.030	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.030%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141479	48.048	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.100%
66) 1,2-Dichlorobenzene-d4	12.323	152	117227	55.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.980%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.294	96	45801	27.681	ug/L #	60
19) 1,1-Dichloroethane	3.605	63	86883	26.146	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	3713	1.888	ug/L	98
22) 2-Butanone	4.593	43	8422	5.466	ug/L #	72
25) Chloroform	5.092	83	20681	5.965	ug/L	99
34) Trichloroethene	7.123	95	127586	70.377	ug/L	93
37) 1,2-Dichloropropane	7.312	63	11526	6.407	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2854	1.104	ug/L #	63
42) Toluene	8.720	91	7093	0.940	ug/L	94
44) trans-1,3-Dichloropropene	8.952	75	1810	0.738	ug/L	88
46) Tetrachloroethene	9.275	164	139629	100.958	ug/L	97

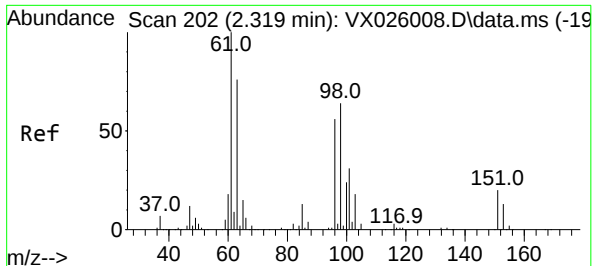
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 27.681 ug/L

RT: 2.294 min Scan# 19

Delta R.T. -0.031 min

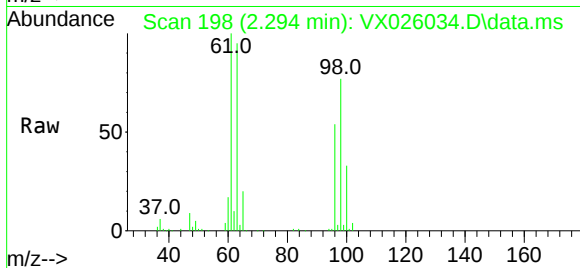
Lab File: VX026034.D

Acq: 25 Dec 2021 15:01

Instrument :

MSVOA_X

ClientSampleId :



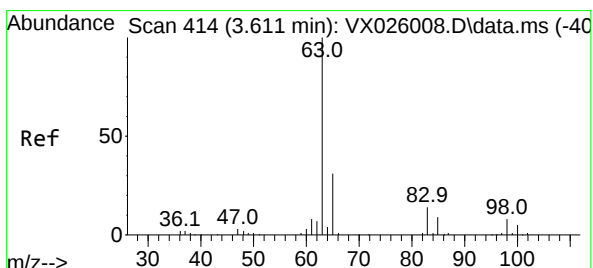
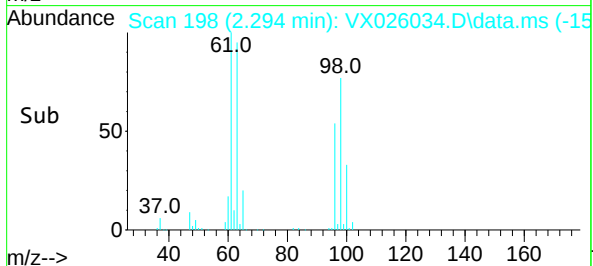
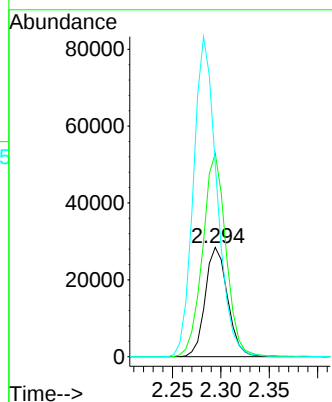
Tgt Ion: 96 Resp: 45801

Ion Ratio Lower Upper

96 100

61 186.1 108.7 201.9

63 176.4 76.3 141.7#



#19

1,1-Dichloroethane

Concen: 26.146 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.012 min

Lab File: VX026034.D

Acq: 25 Dec 2021 15:01

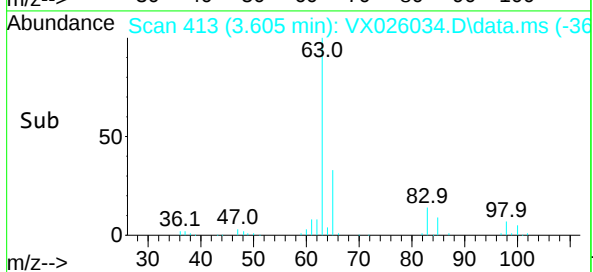
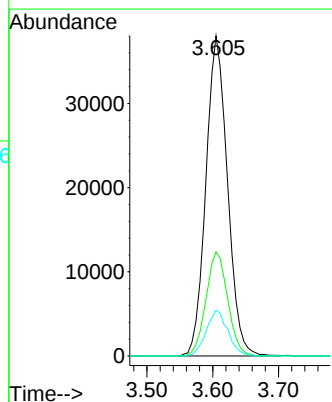
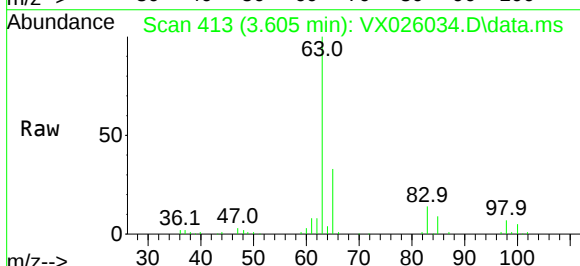
Tgt Ion: 63 Resp: 86883

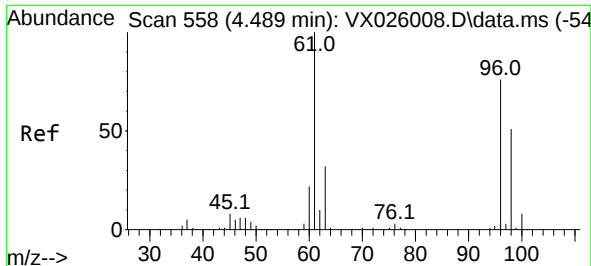
Ion Ratio Lower Upper

63 100

65 32.6 22.2 41.2

83 14.3 10.2 19.0

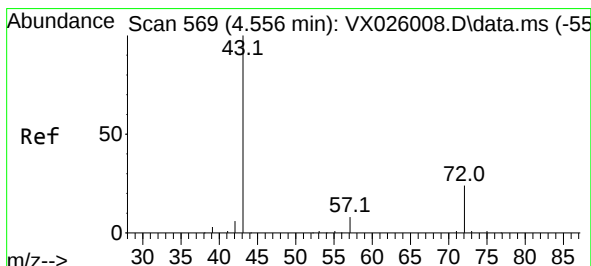
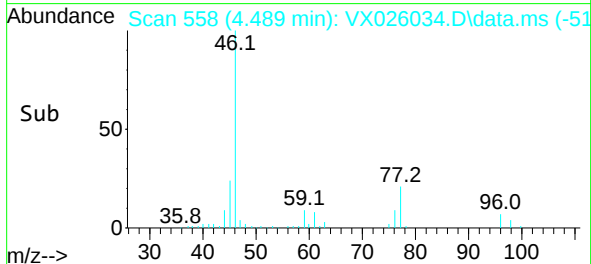
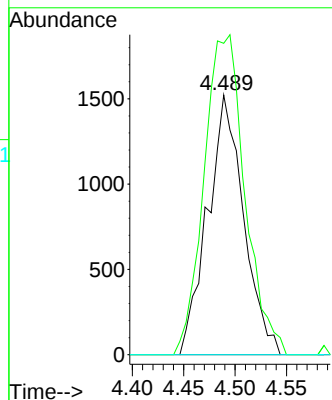
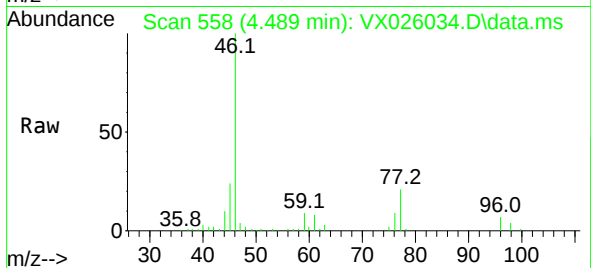




#20
 cis-1,2-Dichloroethene
 Concen: 1.888 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX026034.D
 Acq: 25 Dec 2021 15:01

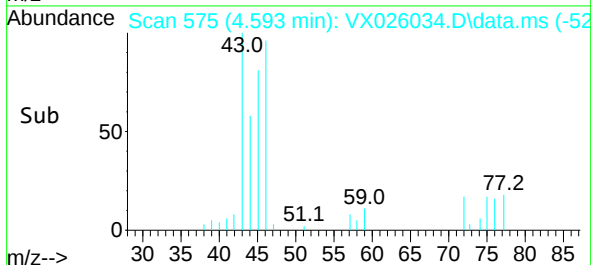
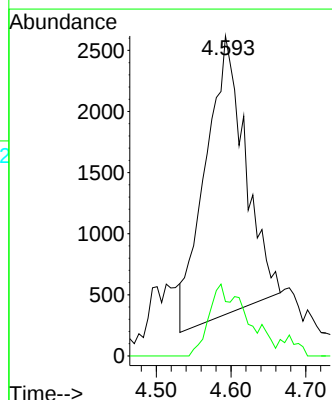
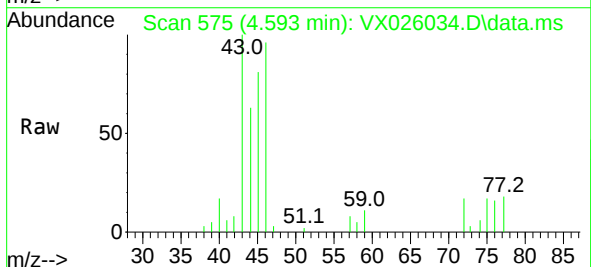
Instrument :
 MSVOA_X
 ClientSampleId :

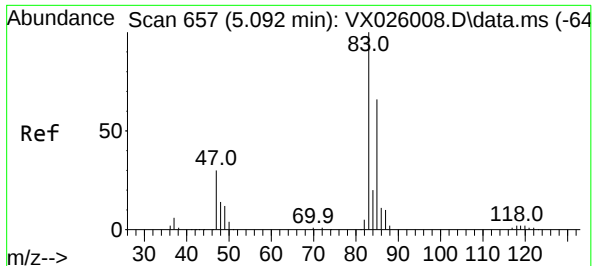
Tgt Ion: 96 Resp: 3713
 Ion Ratio Lower Upper
 96 100
 61 119.9 82.3 152.8
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 5.466 ug/L
 RT: 4.593 min Scan# 575
 Delta R.T. 0.030 min
 Lab File: VX026034.D
 Acq: 25 Dec 2021 15:01

Tgt Ion: 43 Resp: 8422
 Ion Ratio Lower Upper
 43 100
 72 13.0 13.8 41.3#





#25

Chloroform

Concen: 5.965 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX026034.D

Acq: 25 Dec 2021 15:01

Instrument :

MSVOA_X

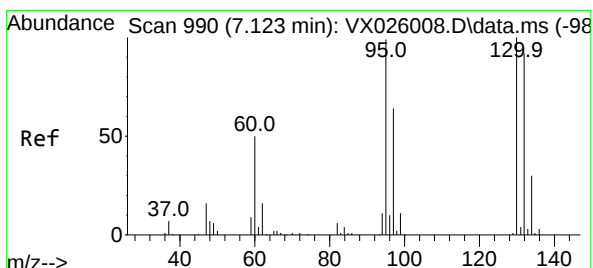
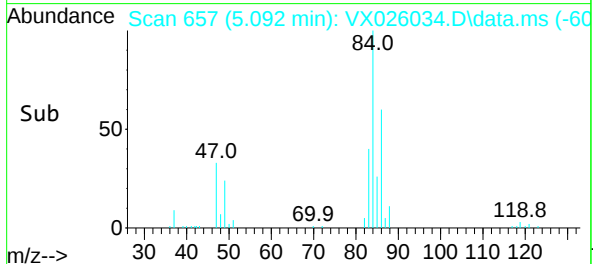
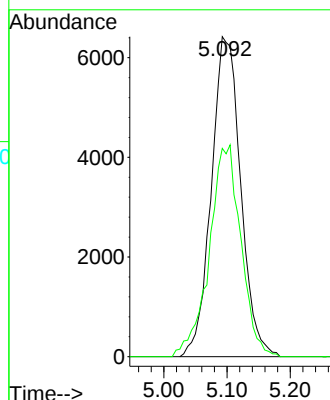
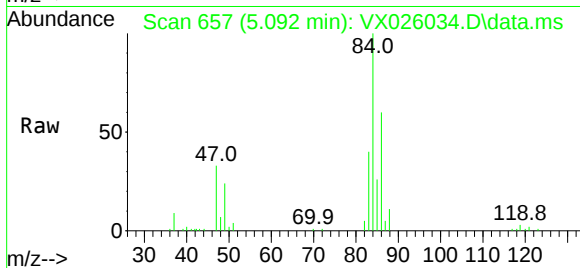
ClientSampleId :

Tgt Ion: 83 Resp: 20681

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.5



#34

Trichloroethene

Concen: 70.377 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX026034.D

Acq: 25 Dec 2021 15:01

Tgt Ion: 95 Resp: 127586

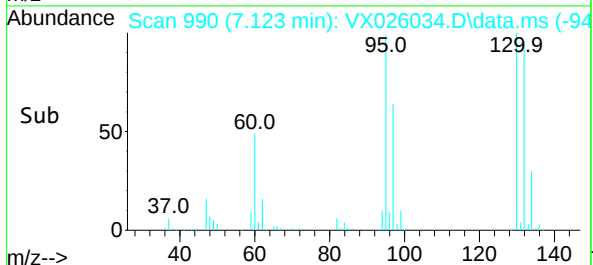
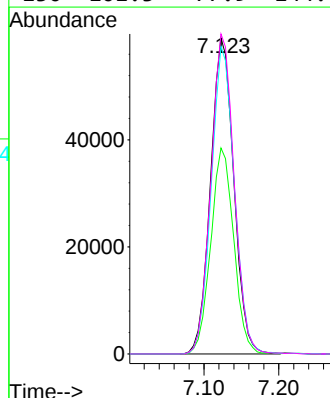
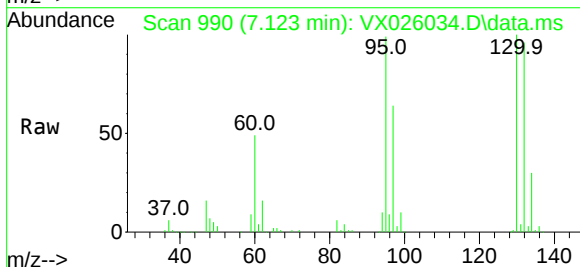
Ion Ratio Lower Upper

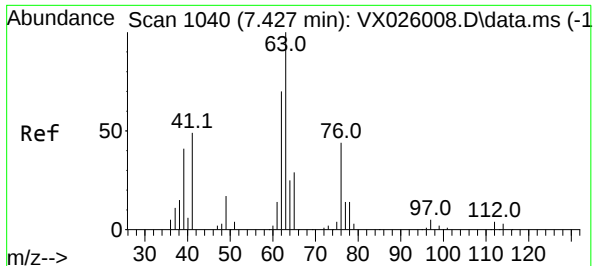
95 100

97 65.2 46.0 85.4

132 97.3 75.0 139.2

130 101.3 77.9 144.7





#37

1,2-Dichloropropane

Concen: 6.407 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX026034.D

Acq: 25 Dec 2021 15:01

Instrument :

MSVOA_X

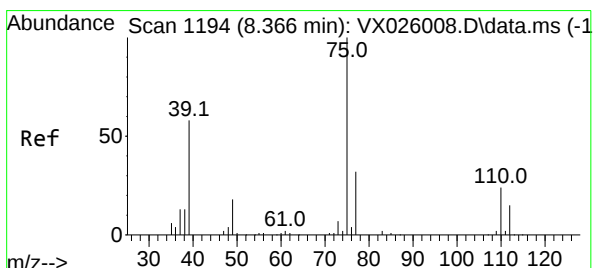
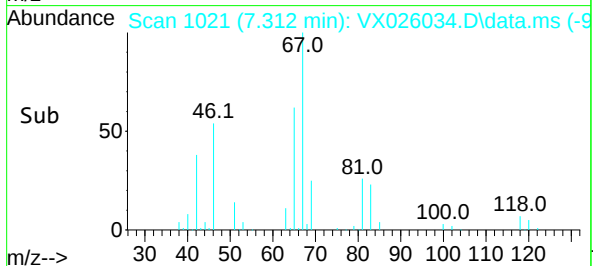
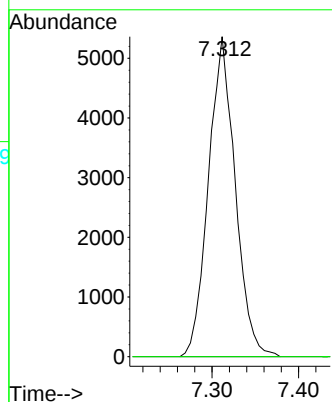
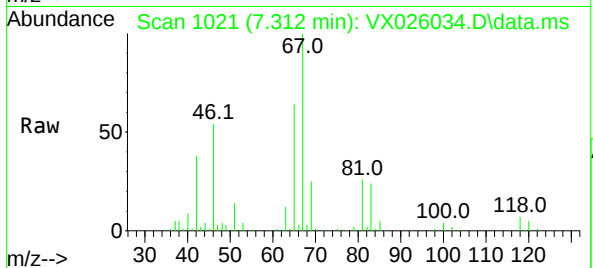
ClientSampleId :

Tgt Ion: 63 Resp: 11526

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.104 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX026034.D

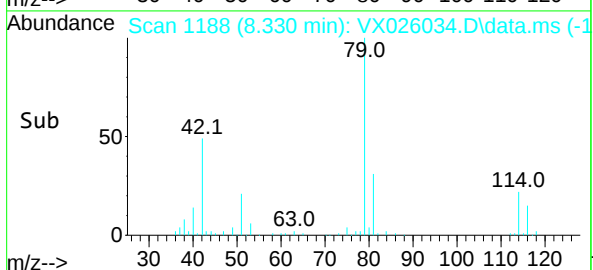
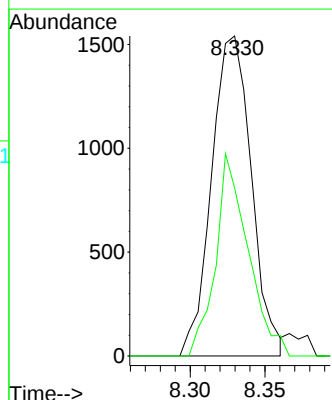
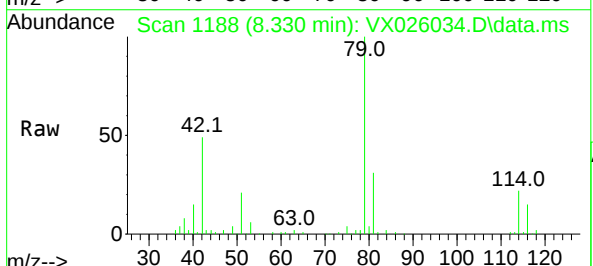
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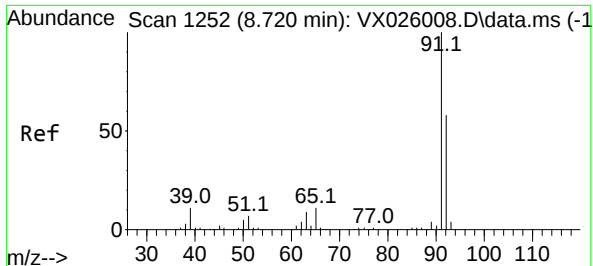
Tgt Ion: 75 Resp: 2854

Ion Ratio Lower Upper

75 100

77 52.5 22.3 41.3#

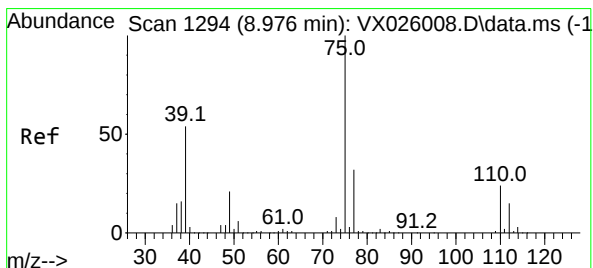
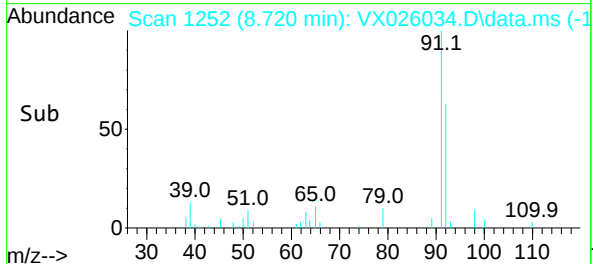
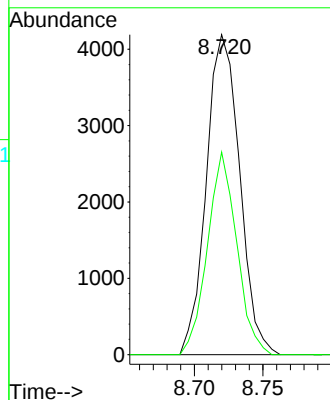
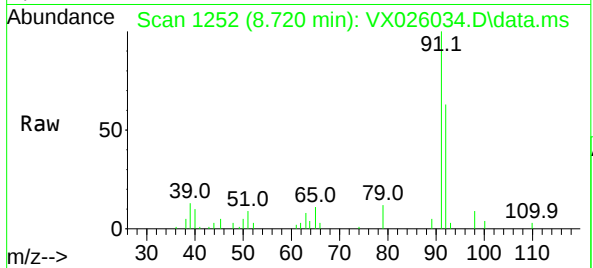




#42
Toluene
Concen: 0.940 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01

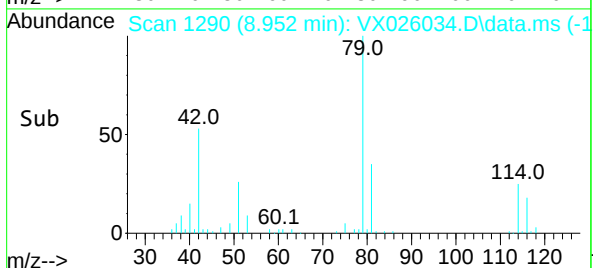
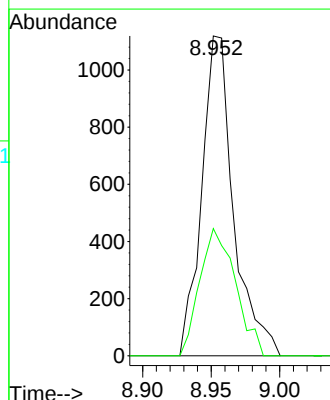
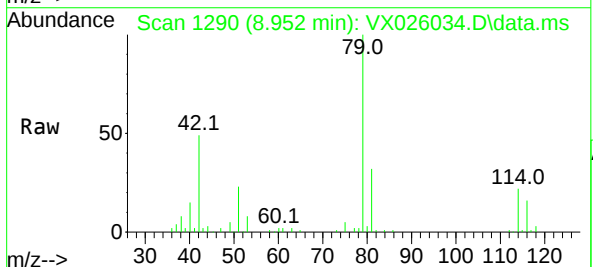
Instrument :
MSVOA_X
ClientSampleId :

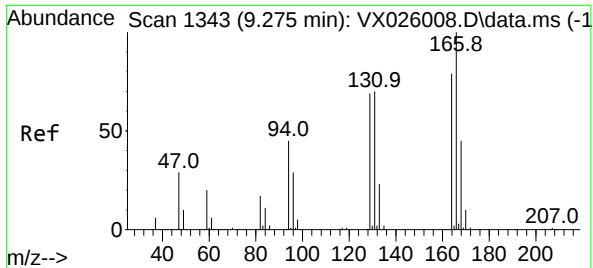
Tgt Ion: 91 Resp: 7093
Ion Ratio Lower Upper
91 100
92 63.3 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.738 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX026034.D
Acq: 25 Dec 2021 15:01

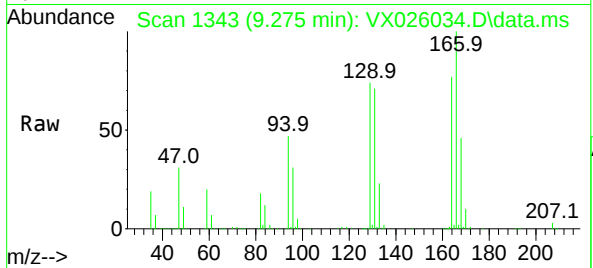
Tgt Ion: 75 Resp: 1810
Ion Ratio Lower Upper
75 100
77 39.8 23.0 42.8





#46
 Tetrachloroethene
 Concen: 100.958 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026034.D
 Acq: 25 Dec 2021 15:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	164	Resp:	139629
Ion	Ratio	Lower	Upper
164	100		
129	97.1	64.7	120.1
131	92.2	63.2	117.4
166	130.6	90.1	167.3

