

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030517.D
 Acq On : 08 Aug 2022 17:22
 Operator : JC/MD
 Sample : N4066-05DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E25DL

Quant Time: Aug 09 01:07:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

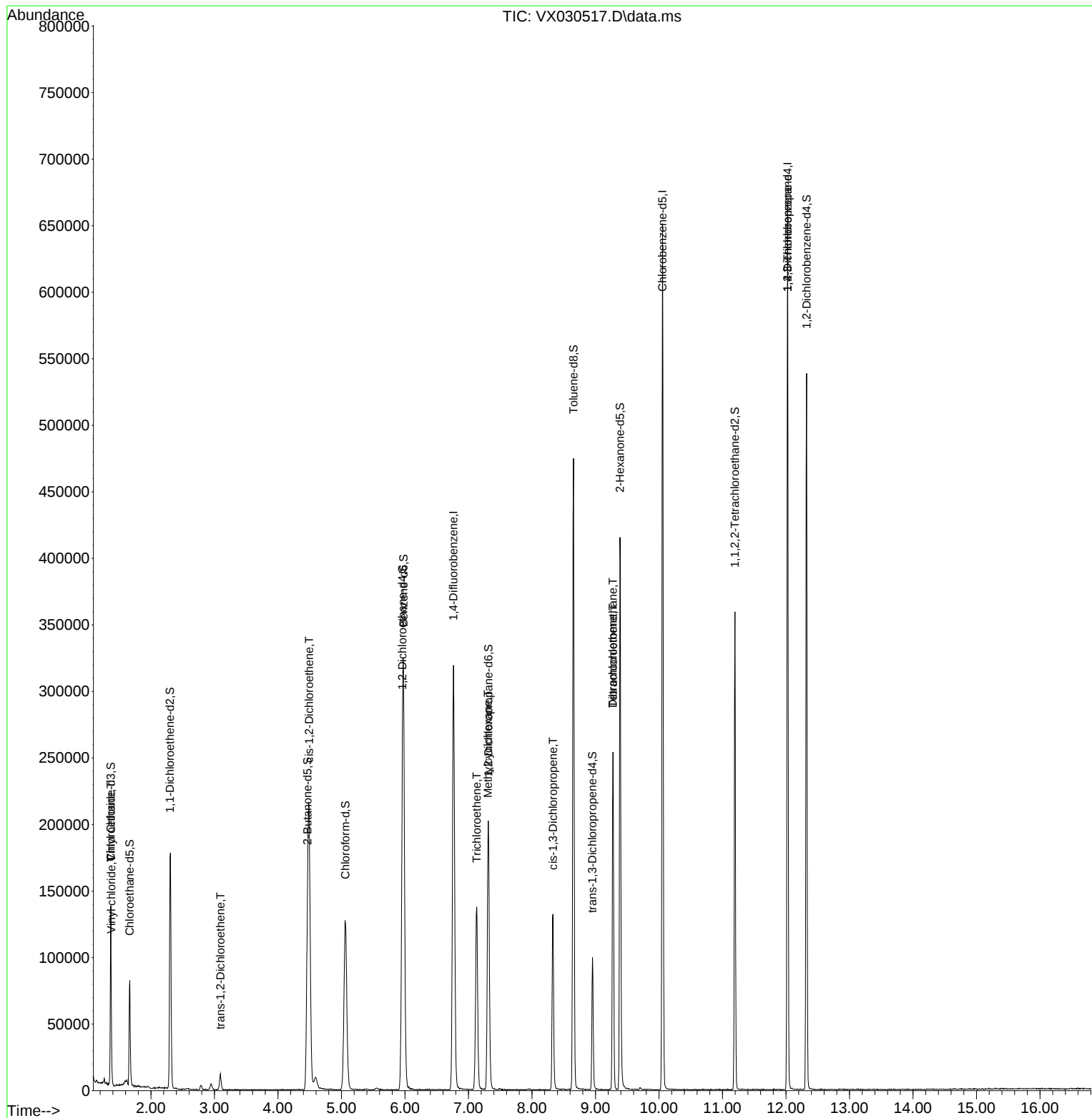
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	305363	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	268938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126547	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67174	34.255	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.520%
7) Chloroethane-d5	1.666	69	54786	39.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.260%
11) 1,1-Dichloroethene-d2	2.300	63	103537	27.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.820%#
21) 2-Butanone-d5	4.465	46	168583	92.783	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	5.062	84	157788	39.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.180%
26) 1,2-Dichloroethane-d4	5.958	65	110851	40.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.880%
32) Benzene-d6	5.977	84	298557	38.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.520%
36) 1,2-Dichloropropane-d6	7.312	67	101962	40.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.580%
41) Toluene-d8	8.653	98	267748	36.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.740%#
43) trans-1,3-Dichloroprop...	8.952	79	45109	36.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.560%
47) 2-Hexanone-d5	9.385	63	109186	85.704	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	137258	41.804	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	96612	39.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.720%#
Target Compounds						
5) Vinyl chloride	1.374	62	18696	8.859	ug/L	98
8) Chloroethane	1.368	64	7074	5.885	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	4169	2.105	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	99684	44.753	ug/L	90
34) Trichloroethene	7.129	95	50707	20.304	ug/L	86
35) Methylcyclohexane	7.306	83	24812	6.825	ug/L	# 18
39) cis-1,3-Dichloropropene	8.330	75	3054	0.893	ug/L	# 79
46) Tetrachloroethene	9.275	164	43342	27.461	ug/L	96
49) Dibromochloromethane	9.275	129	44715	19.716	ug/L	# 10
61) 1,2,3-Trichloropropane	12.024	75	16520	6.079	ug/L	# 69

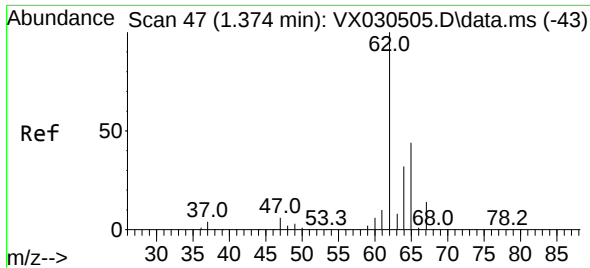
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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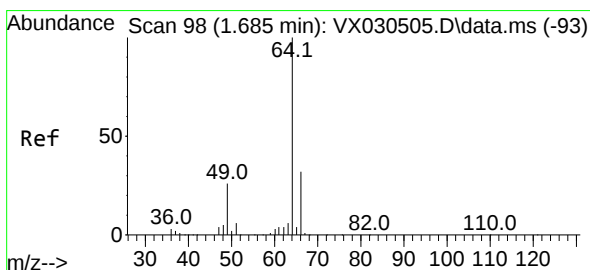
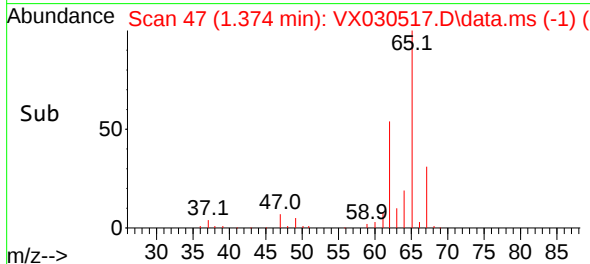
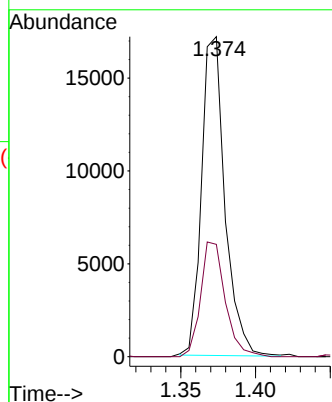
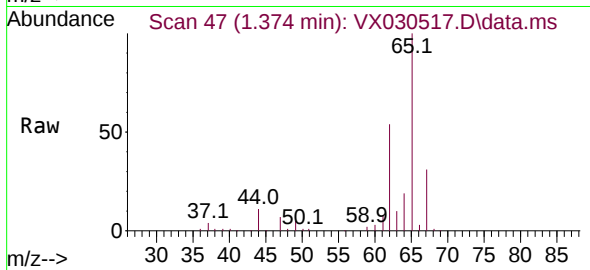




#5
 Vinyl chloride
 Concen: 8.859 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030517.D
 Acq: 08 Aug 2022 17:22

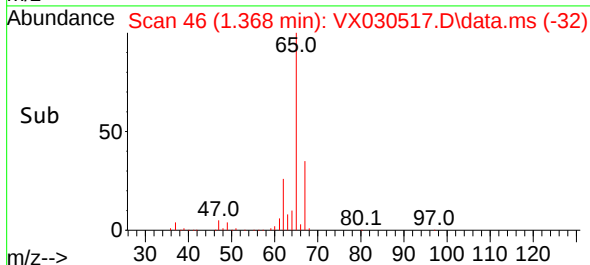
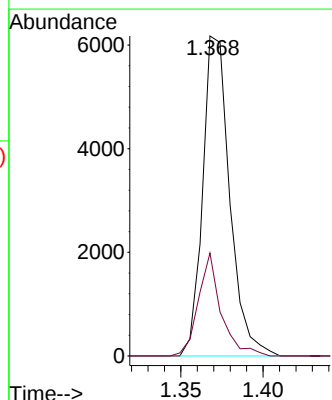
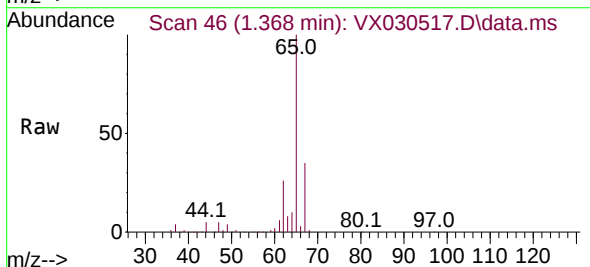
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E25DL

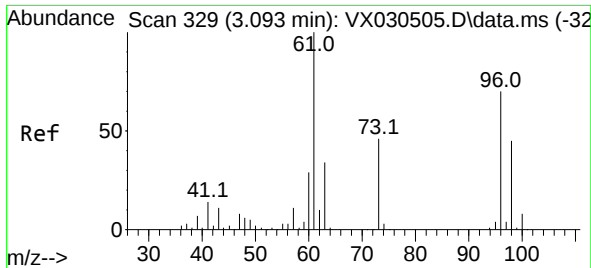
Tgt Ion: 62 Resp: 18696
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.8 44.2



#8
 Chloroethane
 Concen: 5.885 ug/L
 RT: 1.368 min Scan# 46
 Delta R.T. -0.317 min
 Lab File: VX030517.D
 Acq: 08 Aug 2022 17:22

Tgt Ion: 64 Resp: 7074
 Ion Ratio Lower Upper
 64 100
 66 32.1 22.1 41.1

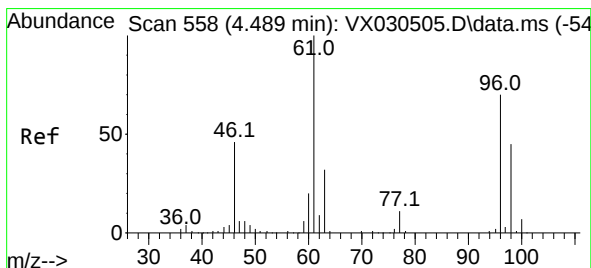
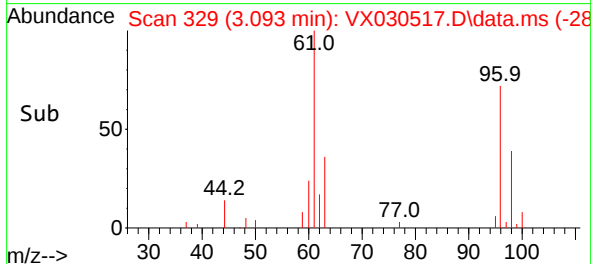
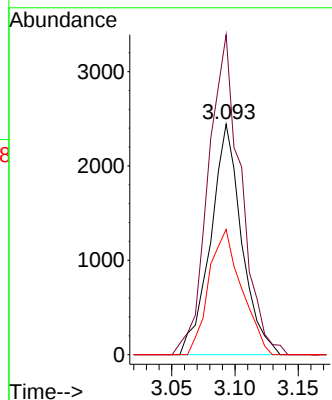
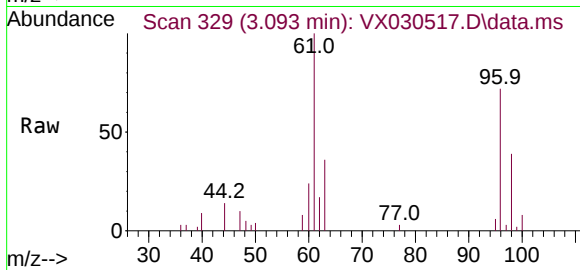




#17
 trans-1,2-Dichloroethene
 Concen: 2.105 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX030517.D
 Acq: 08 Aug 2022 17:22

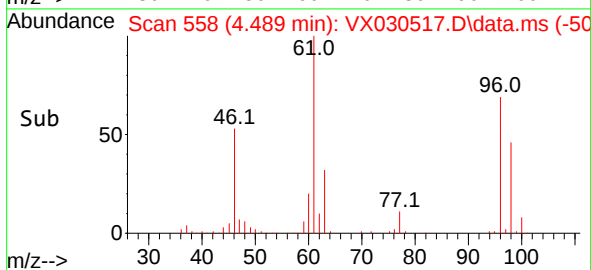
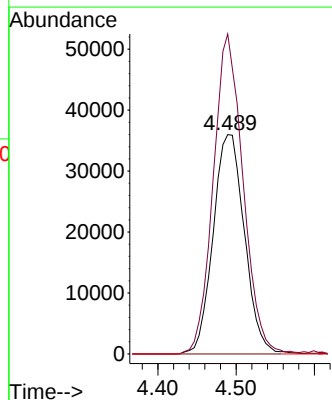
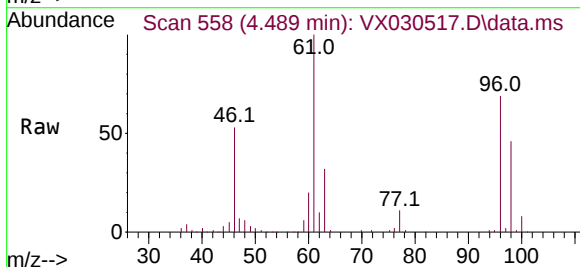
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E25DL

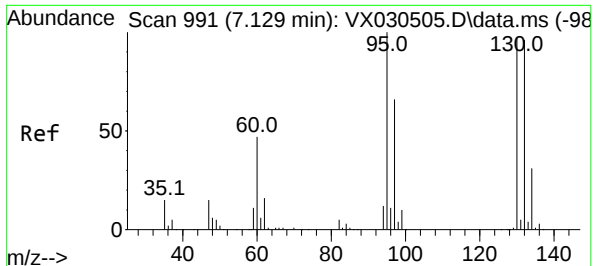
Tgt Ion: 96 Resp: 4169
 Ion Ratio Lower Upper
 96 100
 61 138.7 103.7 192.5
 98 54.3 41.5 77.1



#20
 cis-1,2-Dichloroethene
 Concen: 44.753 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX030517.D
 Acq: 08 Aug 2022 17:22

Tgt Ion: 96 Resp: 99684
 Ion Ratio Lower Upper
 96 100
 61 145.9 94.0 174.6
 68 0.0 0.0 0.0



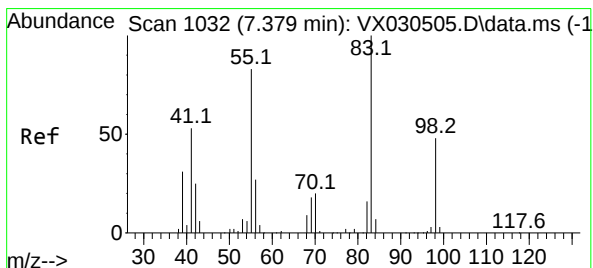
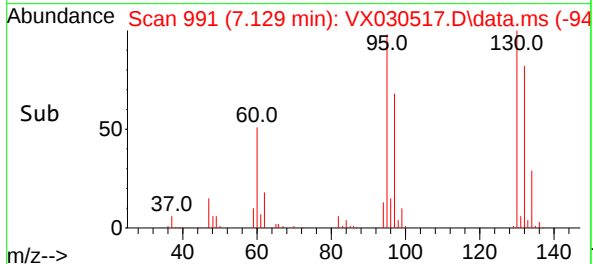
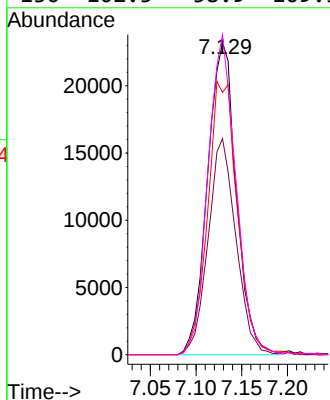
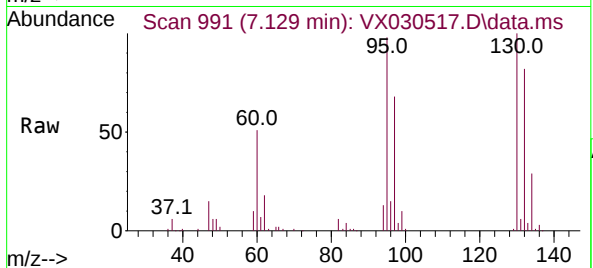


#34
Trichloroethene
Concen: 20.304 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030517.D
Acq: 08 Aug 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
F5E25DL

Tgt Ion: 95 Resp: 50707

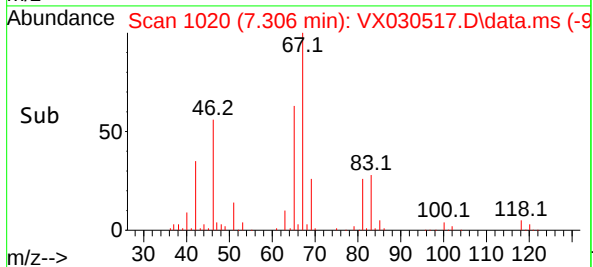
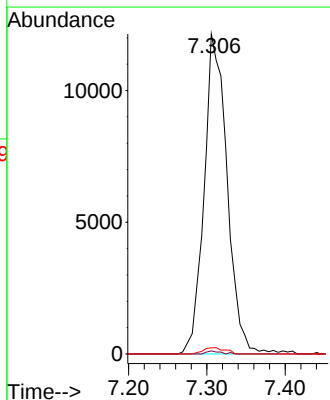
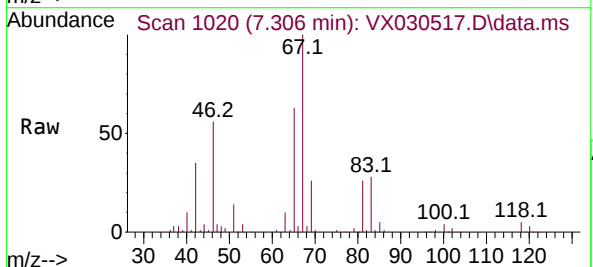
Ion	Ratio	Lower	Upper
95	100		
97	69.3	40.2	74.6
132	84.0	55.3	102.7
130	102.5	58.9	109.5

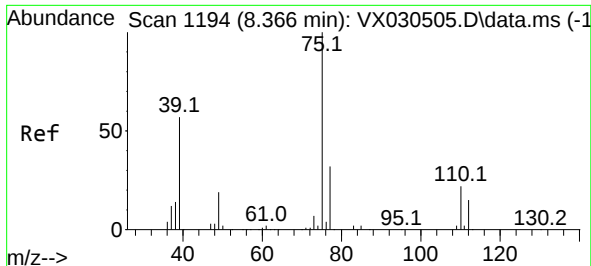


#35
Methylcyclohexane
Concen: 6.825 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX030517.D
Acq: 08 Aug 2022 17:22

Tgt Ion: 83 Resp: 24812

Ion	Ratio	Lower	Upper
83	100		
55	0.5	64.0	96.0#
98	1.5	36.7	55.1#





#39

cis-1,3-Dichloropropene

Concen: 0.893 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030517.D

Acq: 08 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

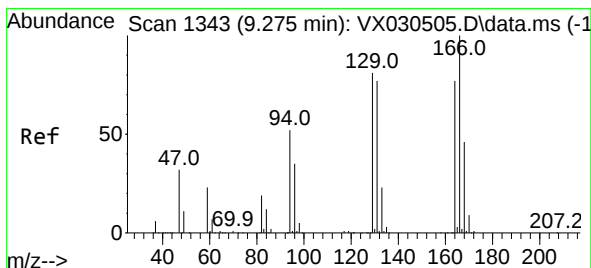
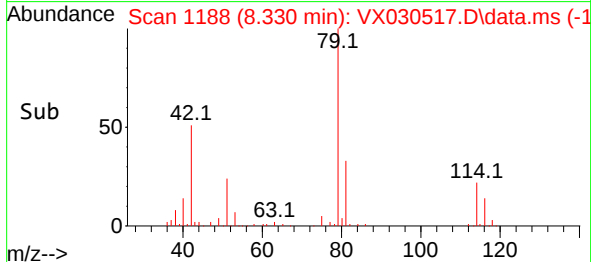
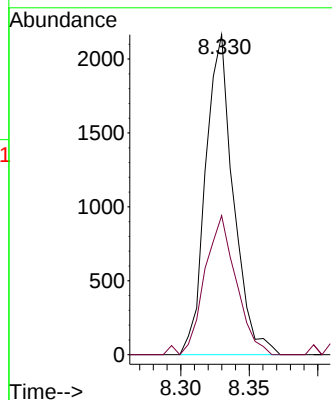
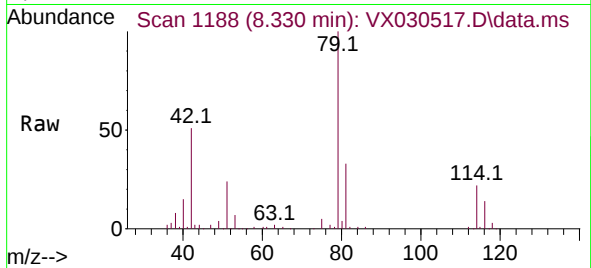
F5E25DL

Tgt Ion: 75 Resp: 3054

Ion Ratio Lower Upper

75 100

77 43.5 22.4 41.6#



#46

Tetrachloroethene

Concen: 27.461 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030517.D

Acq: 08 Aug 2022 17:22

Tgt Ion: 164 Resp: 43342

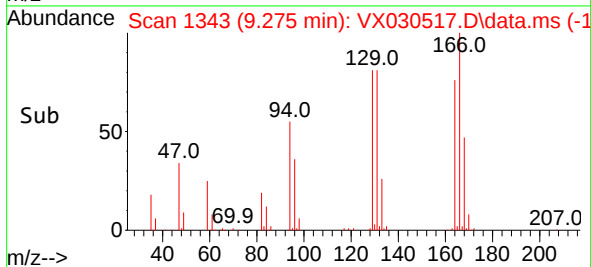
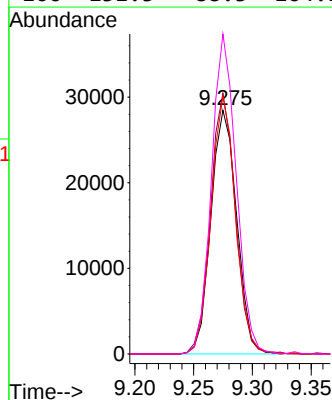
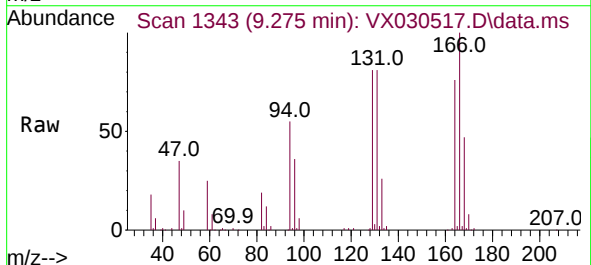
Ion Ratio Lower Upper

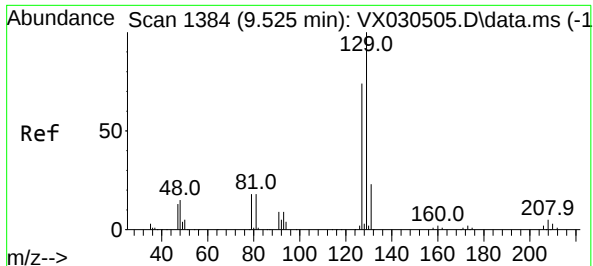
164 100

129 106.9 72.7 135.1

131 105.7 69.9 129.9

166 131.3 88.3 164.1





#49

Dibromochloromethane

Concen: 19.716 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX030517.D

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ClientSampleId :

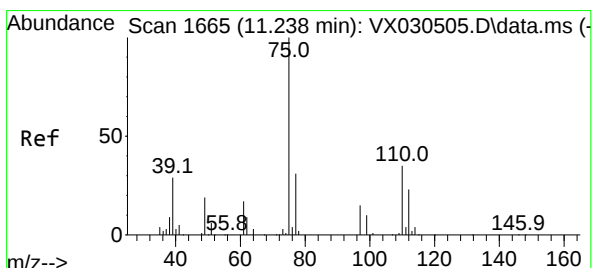
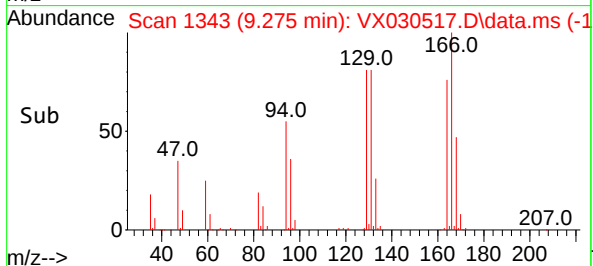
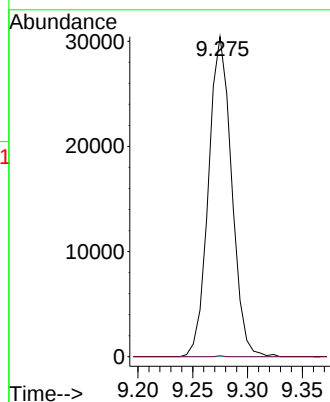
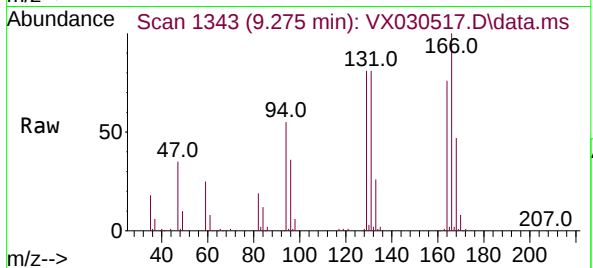
F5E25DL

Tgt Ion:129 Resp: 44715

Ion Ratio Lower Upper

129 100

127 0.3 55.6 103.2#



#61

1,2,3-Trichloropropane

Concen: 6.079 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX030517.D

Acq: 08 Aug 2022 17:22

Tgt Ion: 75 Resp: 16520

Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

110 3.8 30.5 45.7#

