

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030444.D
 Acq On : 05 Aug 2022 21:38
 Operator : JC/MD
 Sample : N4066-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:22:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	276472	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	242141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110122	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	88166	49.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.320%
7) Chloroethane-d5	1.666	69	62420	49.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.740%
11) 1,1-Dichloroethene-d2	2.307	63	126408	37.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.280%
21) 2-Butanone-d5	4.471	46	197880	120.288	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.290%
24) Chloroform-d	5.068	84	181557	49.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	5.964	65	127645	51.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
32) Benzene-d6	5.983	84	346829	50.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	7.312	67	118242	52.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	8.653	98	312929	47.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.720%
43) trans-1,3-Dichloroprop...	8.952	79	50269	44.903	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.800%
47) 2-Hexanone-d5	9.391	63	131161	114.346	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.350%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	159336	53.898	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	109059	51.059	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.120%

Target Compounds

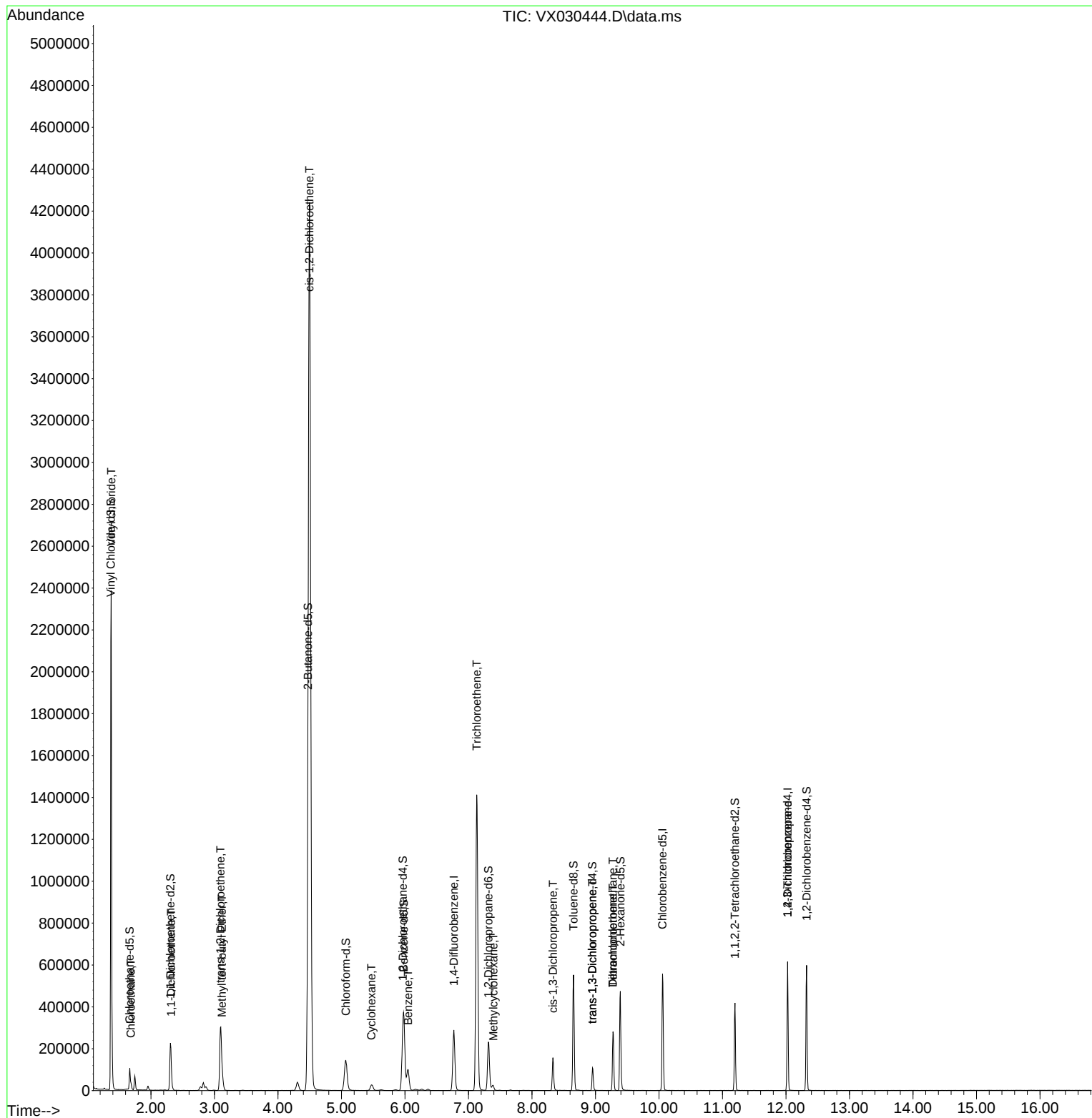
						Qvalue
5) Vinyl chloride	1.374	62	1417070	741.629	ug/L	98
8) Chloroethane	1.685	64	12245	11.251	ug/L	96
12) 1,1-Dichloroethene	2.319	96	10026	6.479	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	103896	57.954	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	68016	11.156	ug/L #	65
20) cis-1,2-Dichloroethene	4.495	96	2447402	1213.582	ug/L	98
29) Cyclohexane	5.471	56	17306	5.376	ug/L #	93
33) Benzene	6.050	78	118433	15.255	ug/L	100
34) Trichloroethene	7.129	95	542377	241.214	ug/L	86
35) Methylcyclohexane	7.391	83	9929	3.033	ug/L	97
39) cis-1,3-Dichloropropene	8.330	75	3460	1.124	ug/L #	43
44) trans-1,3-Dichloropropene	8.952	75	2454	0.814	ug/L #	76
46) Tetrachloroethene	9.275	164	48263	33.963	ug/L	92
49) Dibromochloromethane	9.275	129	50994	24.972	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	14511	6.136	ug/L #	68

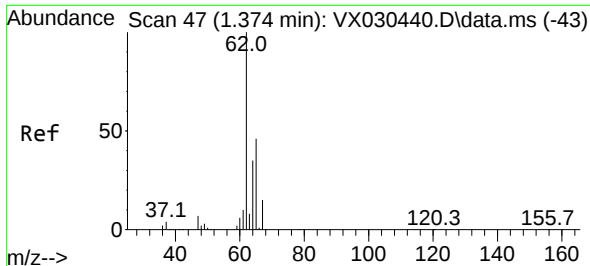
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
Response via : Initial Calibration

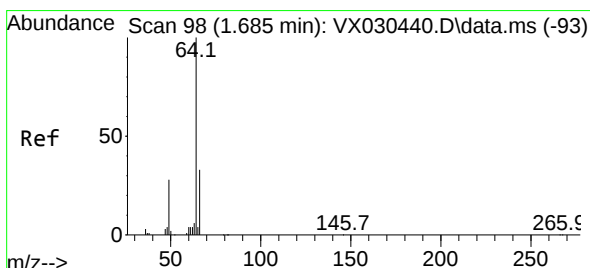
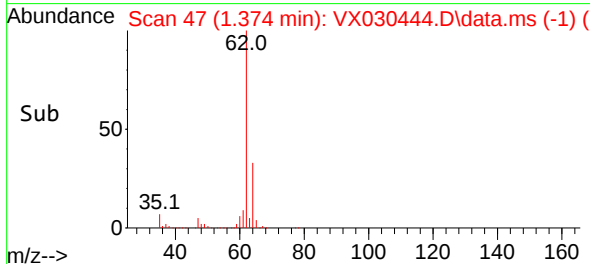
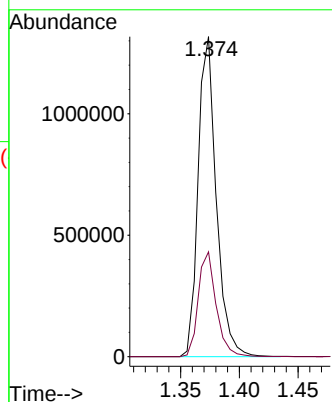
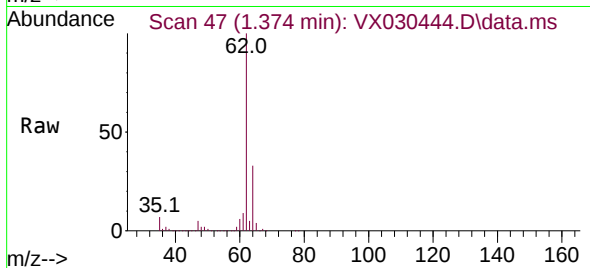




#5
 Vinyl chloride
 Concen: 741.629 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030444.D
 Acq: 05 Aug 2022 21:38

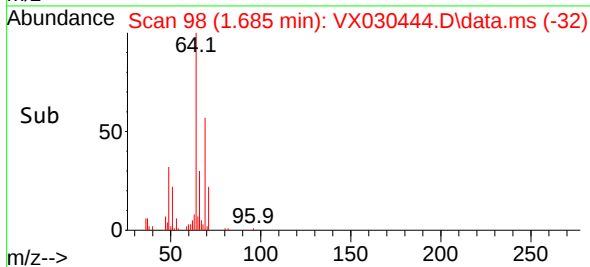
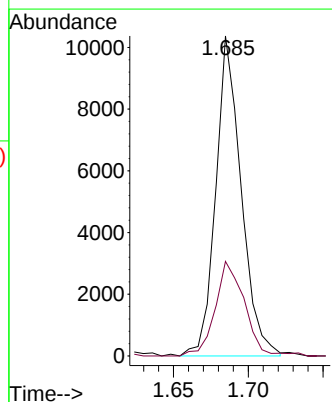
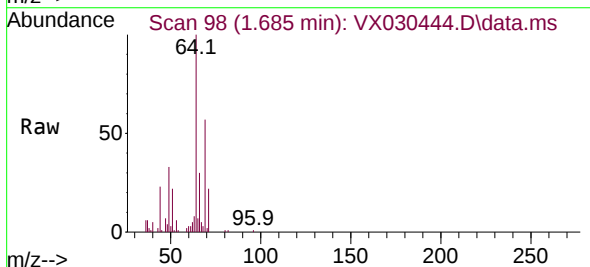
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 MSVOA_X
 ClientSampleId :

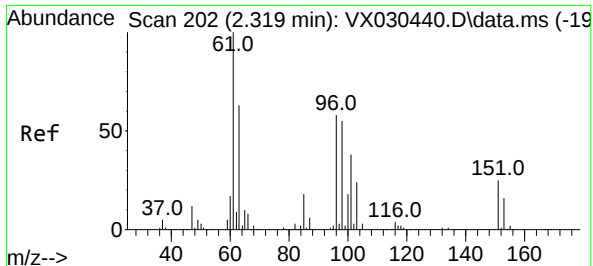
Tgt Ion: 62 Resp: 1417070
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.8 44.2



#8
 Chloroethane
 Concen: 11.251 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VX030444.D
 Acq: 05 Aug 2022 21:38

Tgt Ion: 64 Resp: 12245
 Ion Ratio Lower Upper
 64 100
 66 29.5 22.1 41.1





#12

1,1-Dichloroethene

Concen: 6.479 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX030444.D

Acq: 05 Aug 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

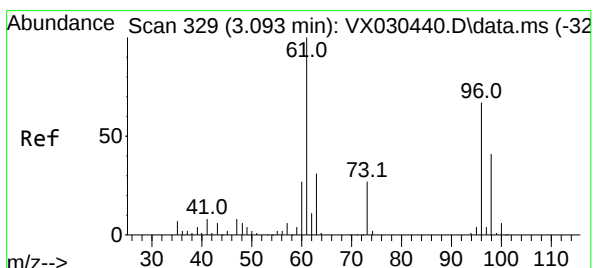
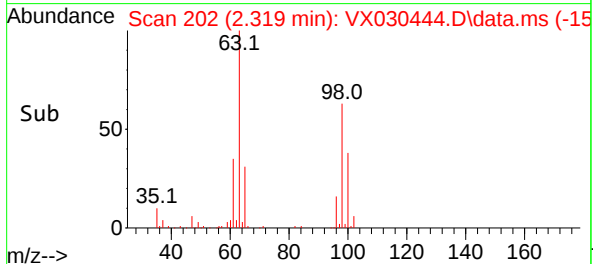
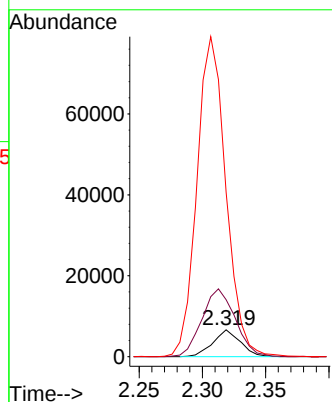
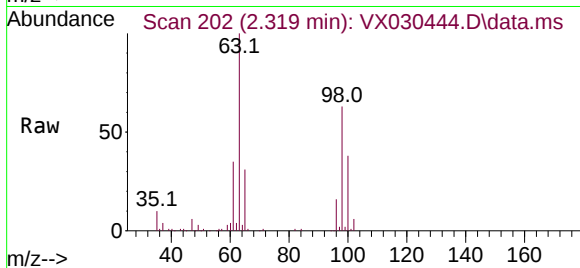
Tgt Ion: 96 Resp: 10026

Ion Ratio Lower Upper

96 100

61 211.8 130.2 241.8

63 612.1 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 57.954 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX030444.D

Acq: 05 Aug 2022 21:38

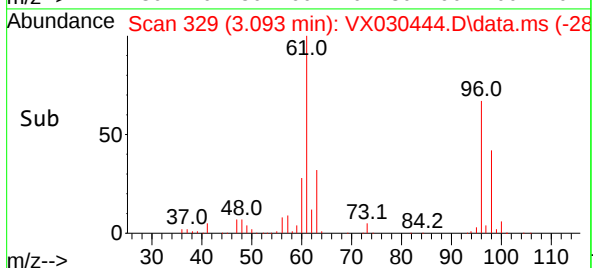
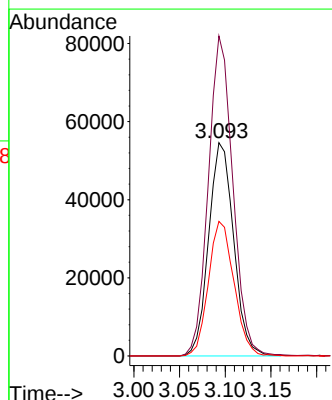
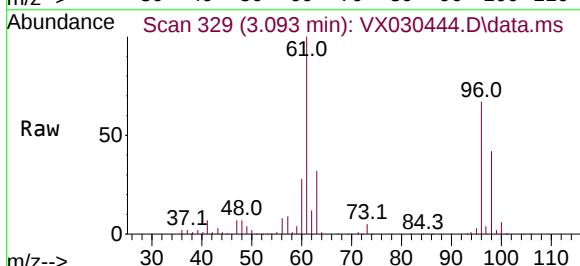
Tgt Ion: 96 Resp: 103896

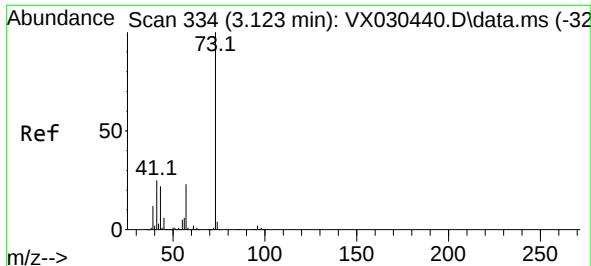
Ion Ratio Lower Upper

96 100

61 150.0 103.7 192.5

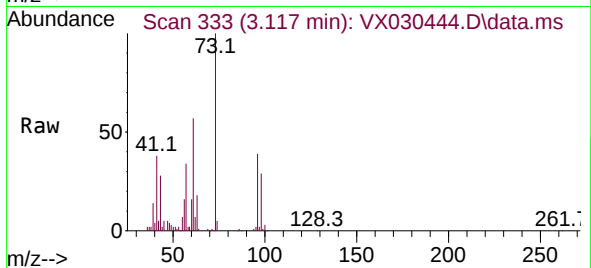
98 63.1 41.5 77.1



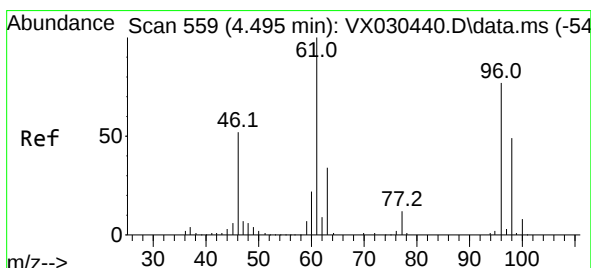
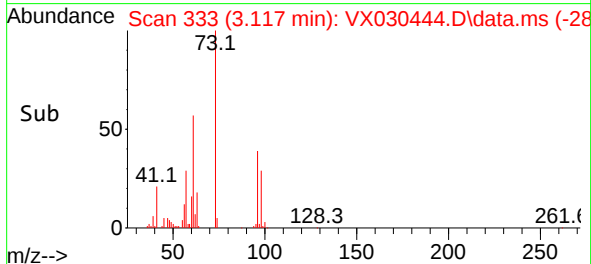
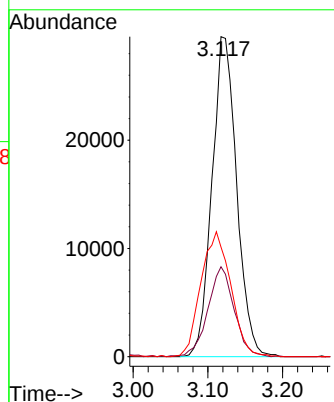


#18
Methyl tert-butyl Ether
Concen: 11.156 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :

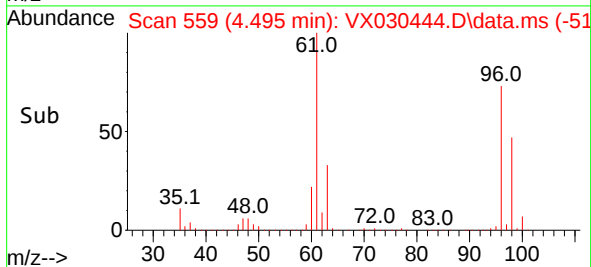
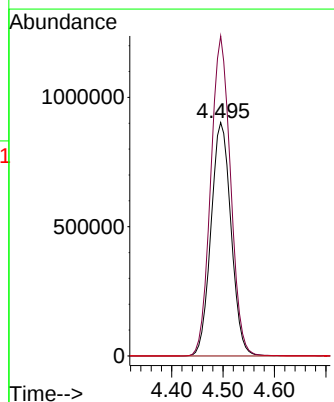
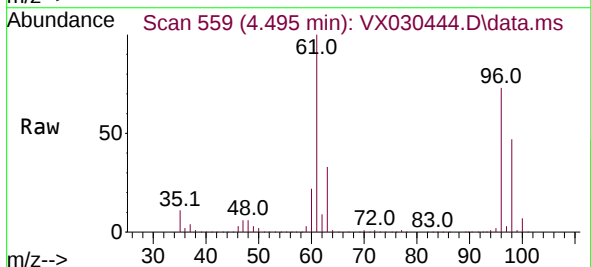


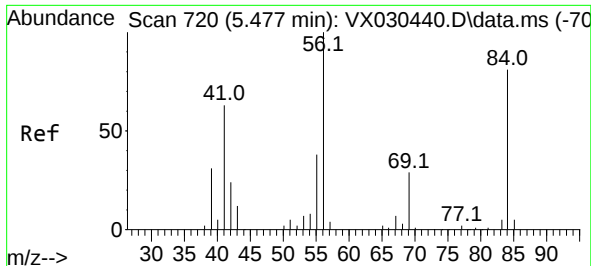
Tgt Ion: 73 Resp: 68016
Ion Ratio Lower Upper
73 100
43 29.8 17.6 26.4#
57 47.2 17.5 26.3#



#20
cis-1,2-Dichloroethene
Concen: 1213.582 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

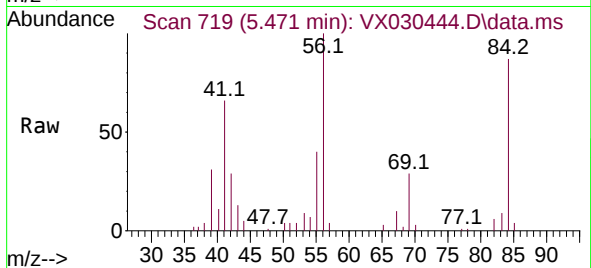
Tgt Ion: 96 Resp: 2447402
Ion Ratio Lower Upper
96 100
61 137.0 94.0 174.6
68 0.0 0.0 0.0



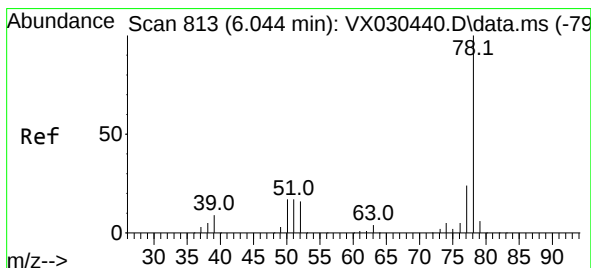
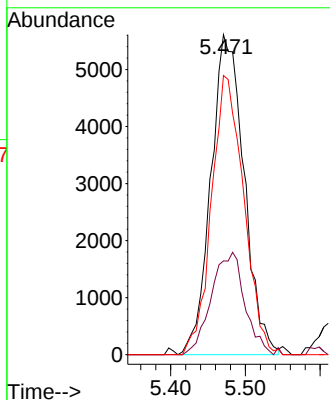
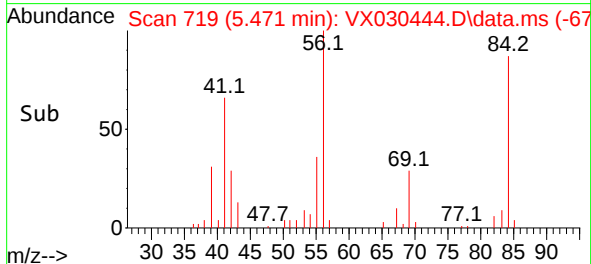


#29
Cyclohexane
Concen: 5.376 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :

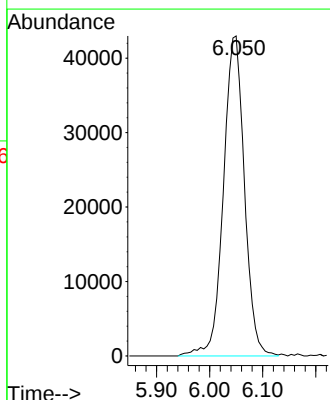
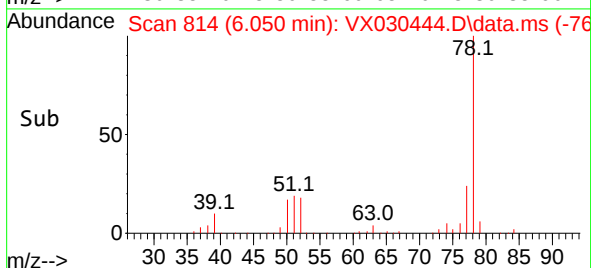
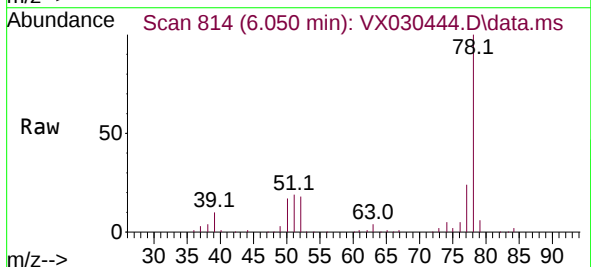


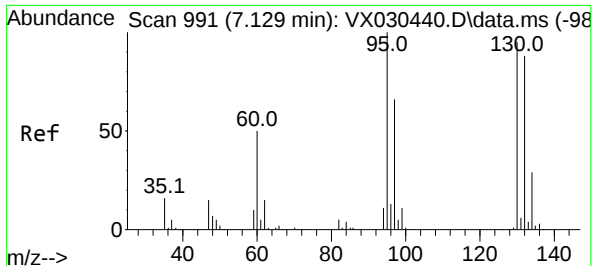
Tgt Ion: 56 Resp: 17306
Ion Ratio Lower Upper
56 100
69 18.0 24.3 36.5#
84 84.4 66.7 100.1



#33
Benzene
Concen: 15.255 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

Tgt Ion: 78 Resp: 118433

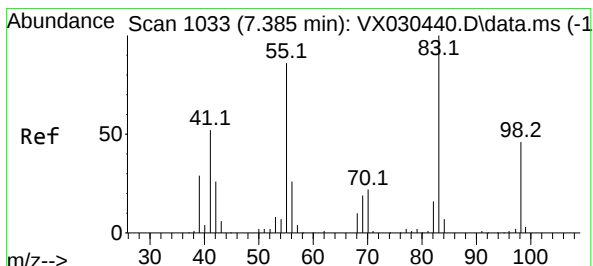
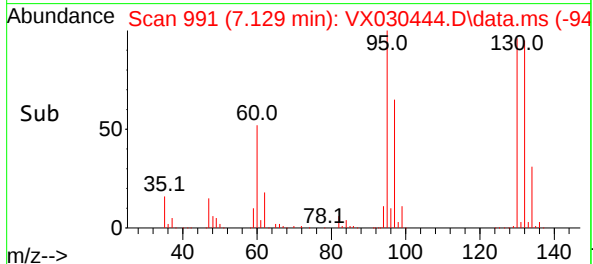
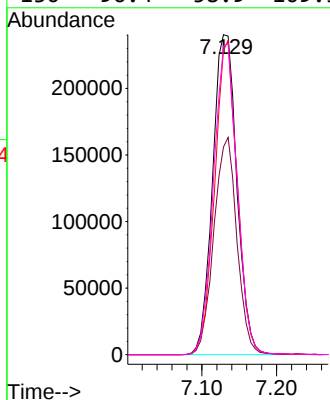
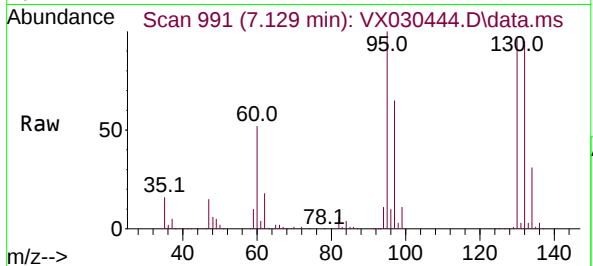




#34
Trichloroethene
Concen: 241.214 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

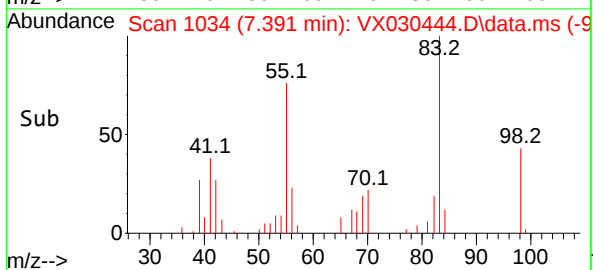
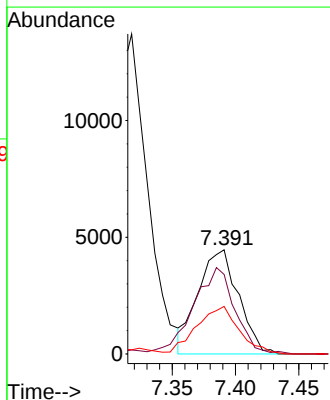
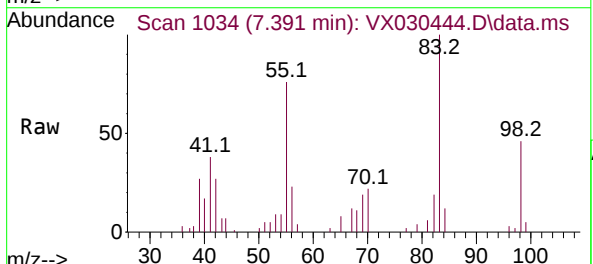
Instrument :
MSVOA_X
ClientSampleId :

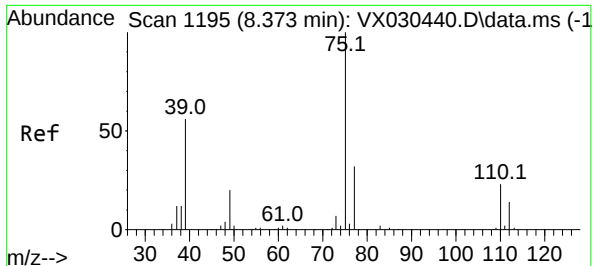
Tgt Ion: 95 Resp: 542377
Ion Ratio Lower Upper
95 100
97 64.9 40.2 74.6
132 95.1 55.3 102.7
130 96.4 58.9 109.5



#35
Methylcyclohexane
Concen: 3.033 ug/L
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

Tgt Ion: 83 Resp: 9929
Ion Ratio Lower Upper
83 100
55 82.4 64.0 96.0
98 47.9 36.7 55.1





#39

cis-1,3-Dichloropropene

Concen: 1.124 ug/L

RT: 8.330 min Scan# 1195

Delta R.T. -0.043 min

Lab File: VX030444.D

Acq: 05 Aug 2022 21:38

Instrument :

MSVOA_X

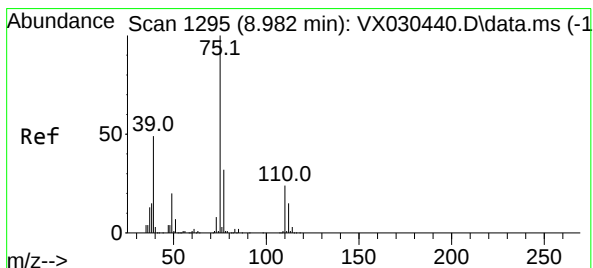
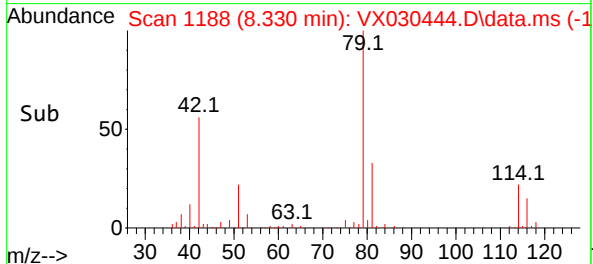
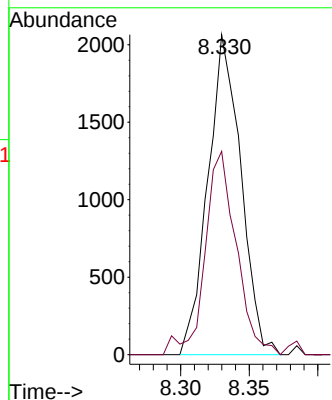
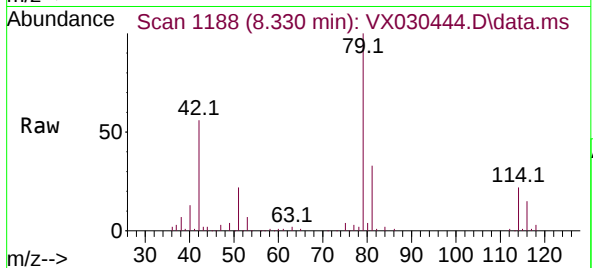
ClientSampleId :

Tgt Ion: 75 Resp: 3460

Ion Ratio Lower Upper

75 100

77 63.5 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.814 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030444.D

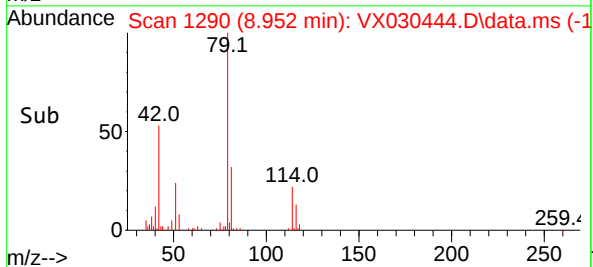
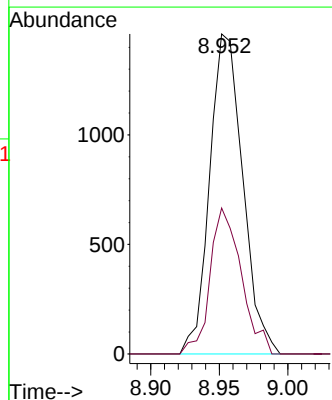
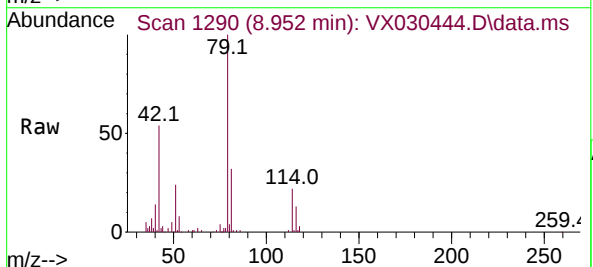
Acq: 05 Aug 2022 21:38

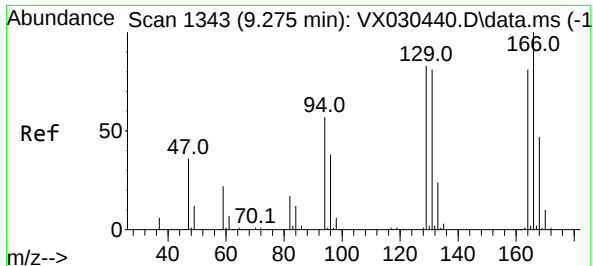
Tgt Ion: 75 Resp: 2454

Ion Ratio Lower Upper

75 100

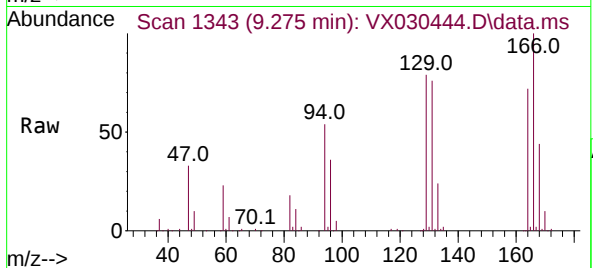
77 45.6 22.5 41.7#



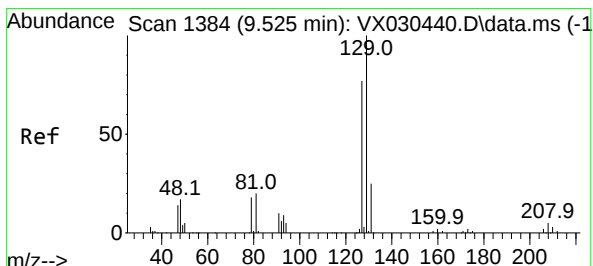
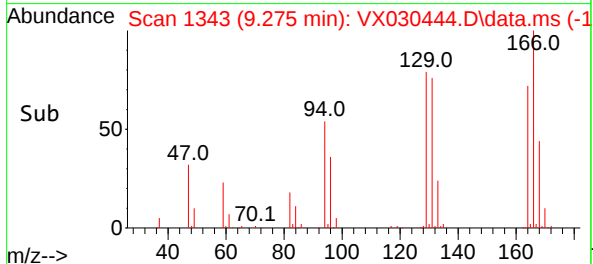
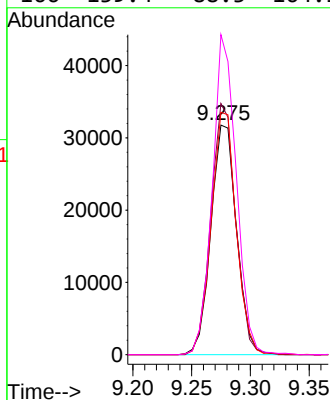


#46
Tetrachloroethene
Concen: 33.963 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :

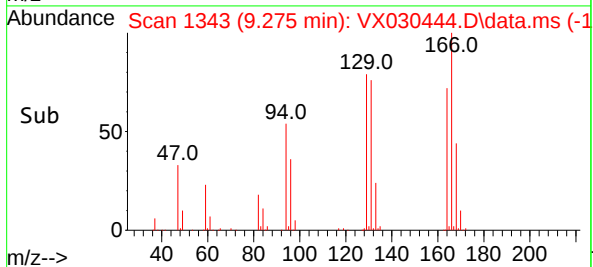
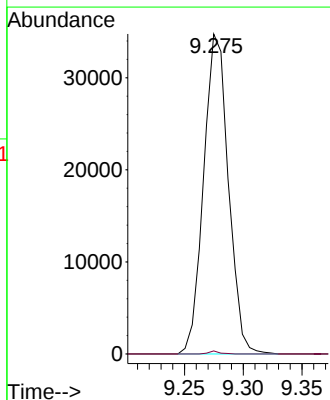
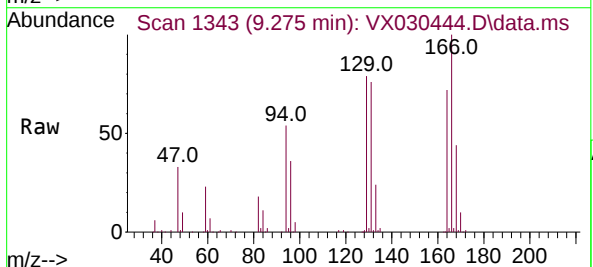


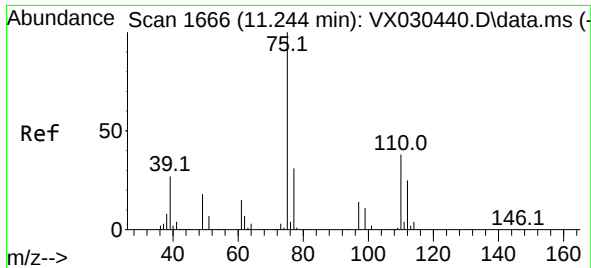
Tgt Ion:	164	Resp:	48263
Ion	Ratio	Lower	Upper
164	100		
129	109.4	72.7	135.1
131	105.5	69.9	129.9
166	139.4	88.3	164.1



#49
Dibromochloromethane
Concen: 24.972 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030444.D
Acq: 05 Aug 2022 21:38

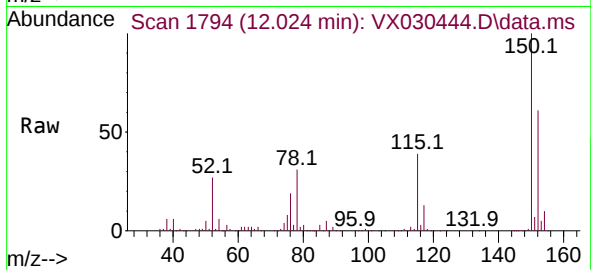
Tgt Ion:	129	Resp:	50994
Ion	Ratio	Lower	Upper
129	100		
127	1.0	55.6	103.2#





#61
 1,2,3-Trichloropropane
 Concen: 6.136 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX030444.D
 Acq: 05 Aug 2022 21:38

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 14511
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 110 3.1 30.5 45.7#

