

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051721\
 Data File : VX022031.D
 Acq On : 17 May 2021 14:09
 Operator : JC/MD
 Sample : M2410-09DL 5X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 18 04:19:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 18 04:17:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	73511	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	64465	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29849	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	26364	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.672	69	21609	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.306	63	36680	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.483	46	65876	45.80	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	5.068	84	48302	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.970	65	25239	4.53	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.976	84	108188	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	7.312	67	32498	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	8.653	98	104553	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloroprop...	8.951	79	13366	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	9.390	63	57549	45.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.52%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23170	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	31609	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.312	96	583	0.11	ug/L #	1
16) Methylene chloride	2.794	84	1282	0.18	ug/L	87
17) Methyl tert-butyl Ether	3.117	73	1675	0.13	ug/L #	82
19) 1,1-Dichloroethane	3.623	63	1328	0.13	ug/L #	81
22) cis-1,2-Dichloroethene	4.495	96	1014	0.16	ug/L	99
25) Chloroform	5.098	83	5320	0.52	ug/L	90
34) Trichloroethene	7.135	95	59750	10.31	ug/L	96
35) Methylcyclohexane	7.318	83	8008	0.81	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	3881	0.72	ug/L #	85
39) cis-1,3-Dichloropropene	8.336	75	1060	0.13	ug/L	84
42) Toluene	8.720	91	1866	0.08	ug/L	98
44) trans-1,3-Dichloropropene	8.958	75	576	0.08	ug/L	91
47) Tetrachloroethene	9.281	164	3662	0.95	ug/L	90
48) 2-Hexanone	9.390	43	6681	2.84	ug/L #	64
49) Dibromochloromethane	9.275	129	3850	0.88	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	4237	1.37	ug/L #	63

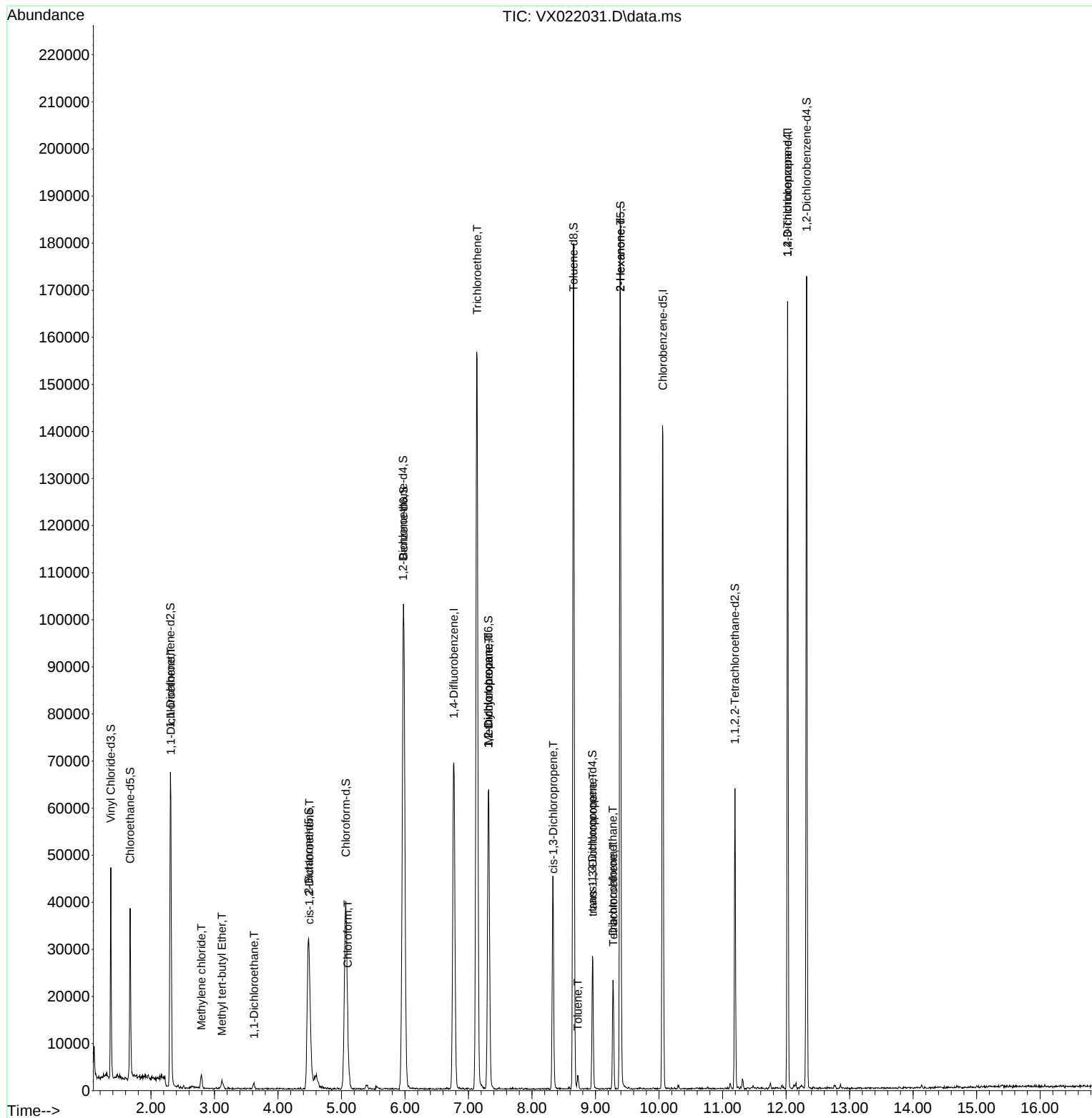
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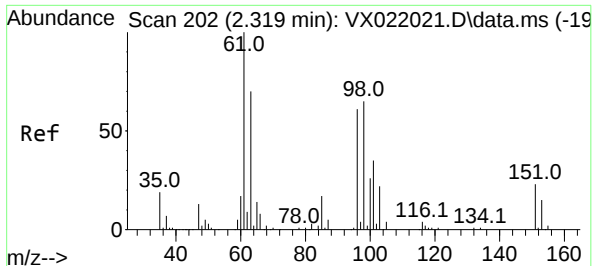
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051721\
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Instrument :
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Quant Time: May 18 04:19:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 18 04:17:19 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.11 ug/L

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

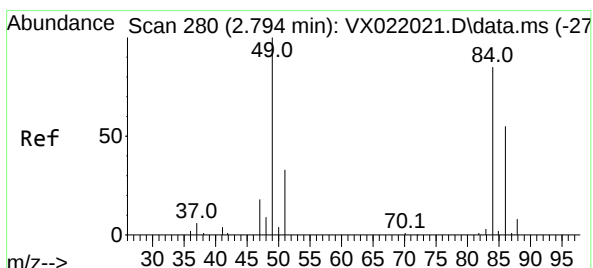
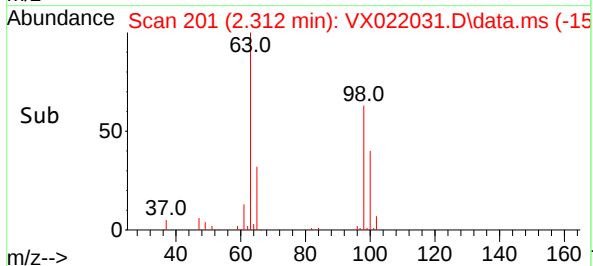
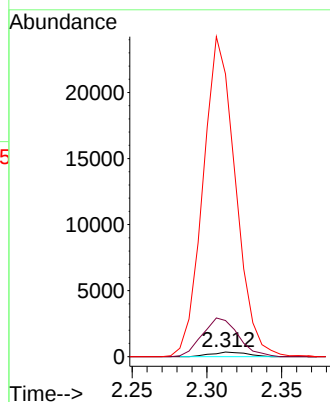
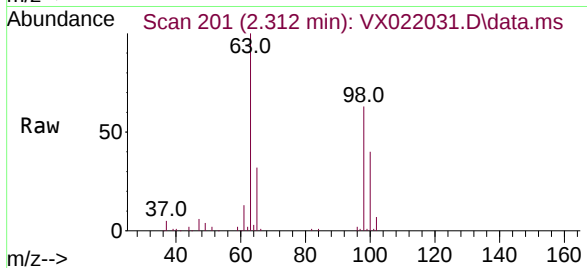
Lab File: VX022031.D

Acq: 17 May 2021 14:09

Tgt Ion: 96 Resp: 583

Ion	Ratio	Lower	Upper
96	100		
61	769.6	106.3	197.3#
63	6030.4	65.0	120.8#

Instrument :
MSVOA_X
ClientSampled :



#16

Methylene chloride

Concen: 0.18 ug/L

RT: 2.794 min Scan# 280

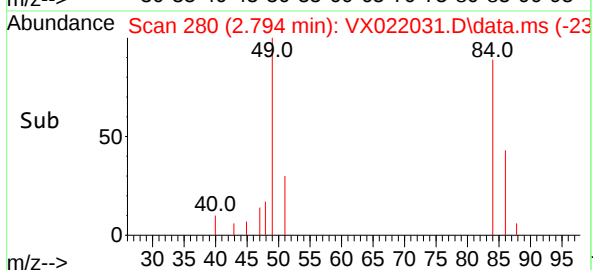
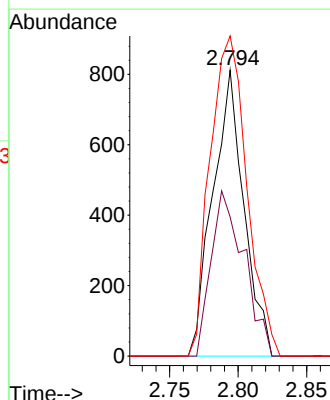
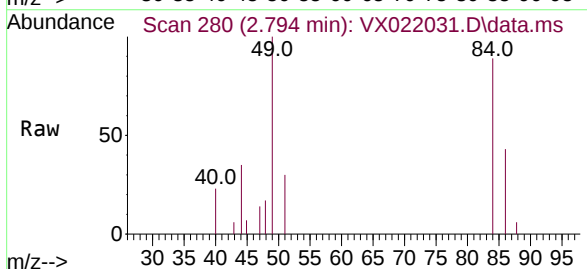
Delta R.T. -0.000 min

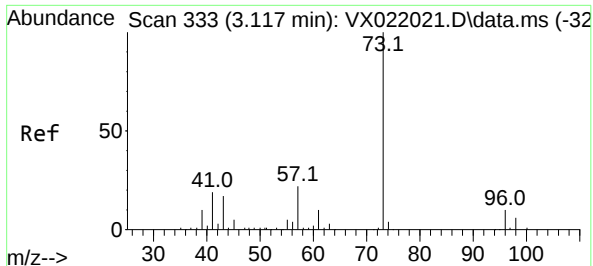
Lab File: VX022031.D

Acq: 17 May 2021 14:09

Tgt Ion: 84 Resp: 1282

Ion	Ratio	Lower	Upper
84	100		
86	48.6	46.3	86.1
49	111.9	84.4	156.7

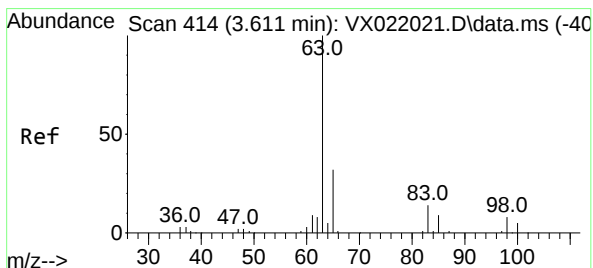
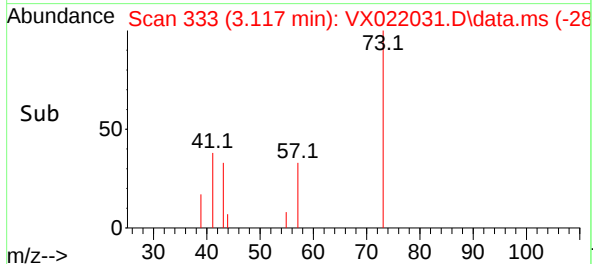
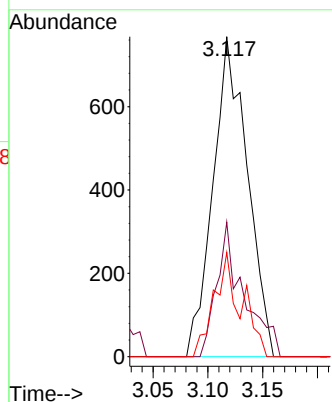
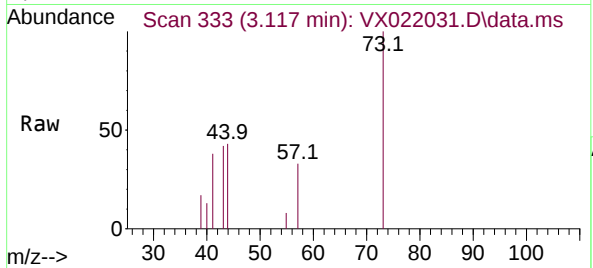




#17
Methyl tert-butyl Ether
Concen: 0.13 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

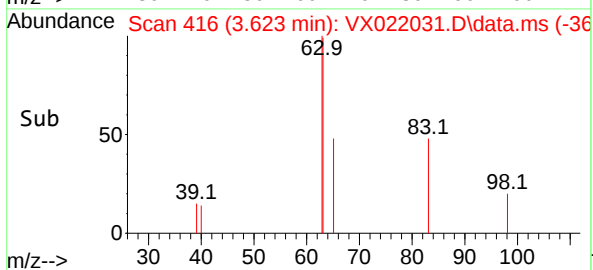
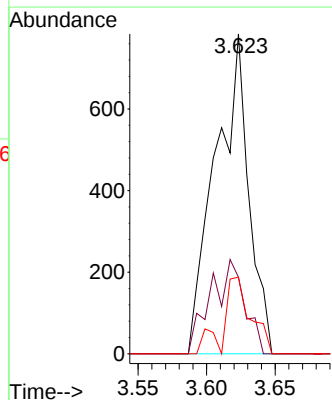
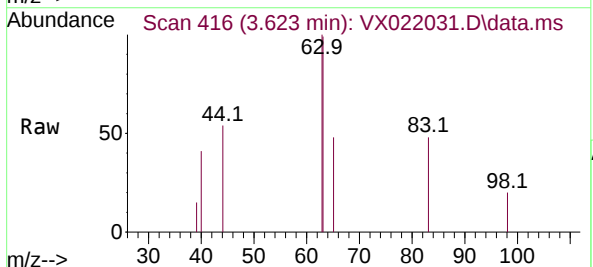
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MSVOA_X
ClientSampleId :

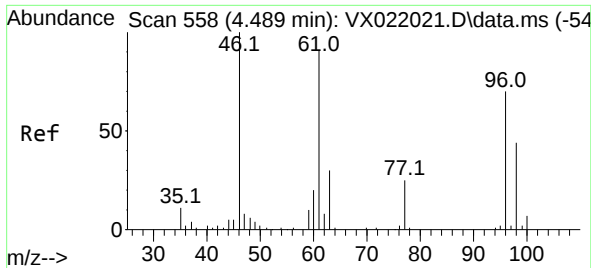
Tgt Ion: 73 Resp: 1675
Ion Ratio Lower Upper
73 100
43 33.3 16.5 24.7#
57 25.7 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 0.13 ug/L
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

Tgt Ion: 63 Resp: 1328
Ion Ratio Lower Upper
63 100
65 24.0 22.5 41.9
83 24.0 8.7 16.1#

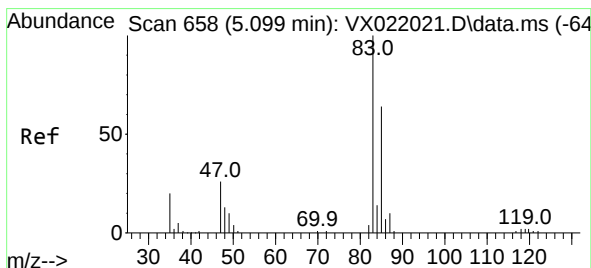
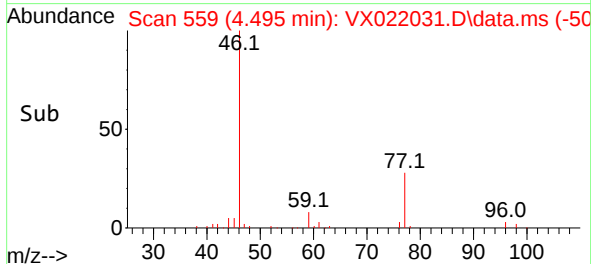
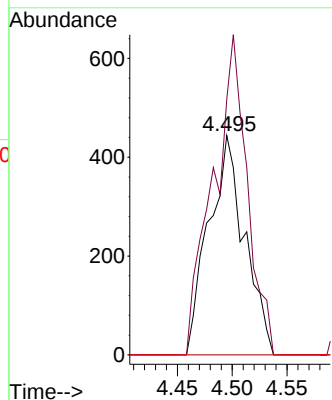
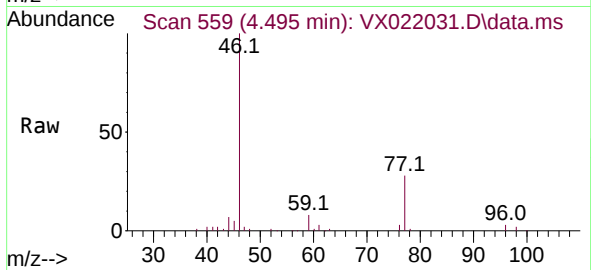




#22
cis-1,2-Dichloroethene
Concen: 0.16 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

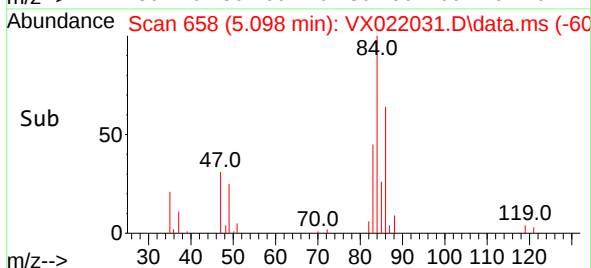
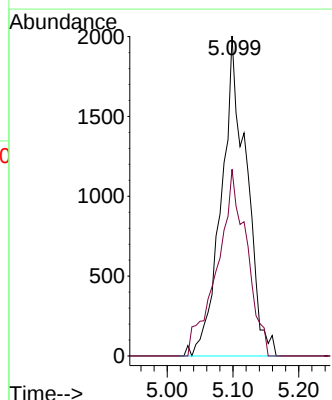
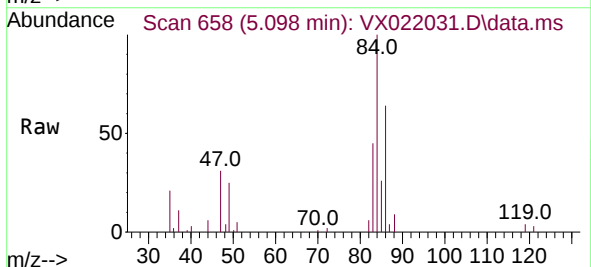
Instrument :
MSVOA_X
ClientSampled :

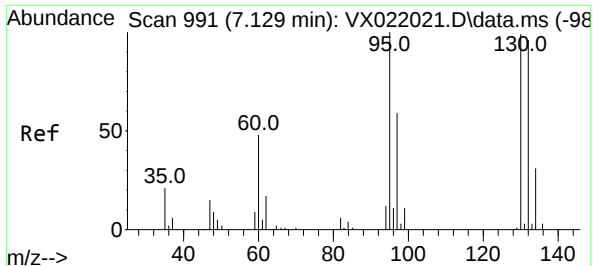
Tgt Ion: 96 Resp: 1014
Ion Ratio Lower Upper
96 100
61 116.4 80.9 150.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.52 ug/L
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

Tgt Ion: 83 Resp: 5320
Ion Ratio Lower Upper
83 100
85 58.3 46.3 86.1

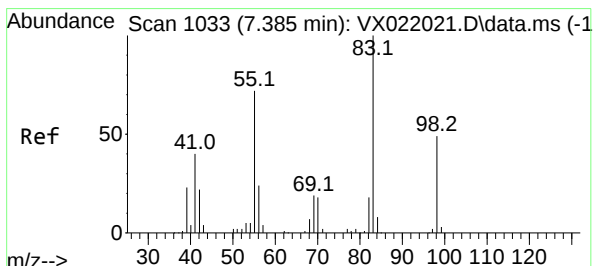
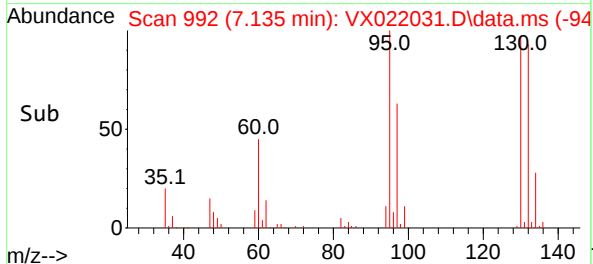
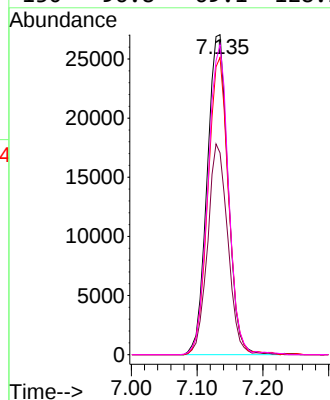
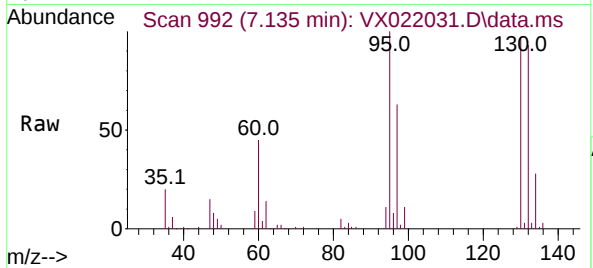




#34
Trichloroethene
Concen: 10.31 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

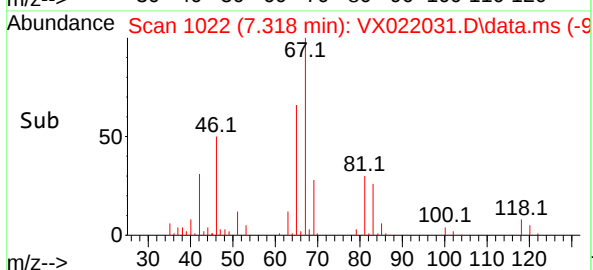
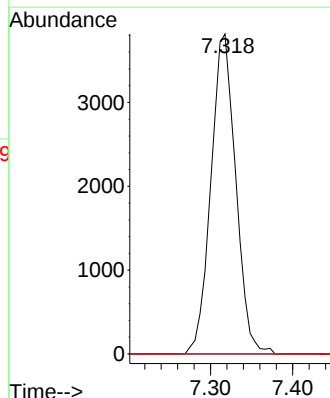
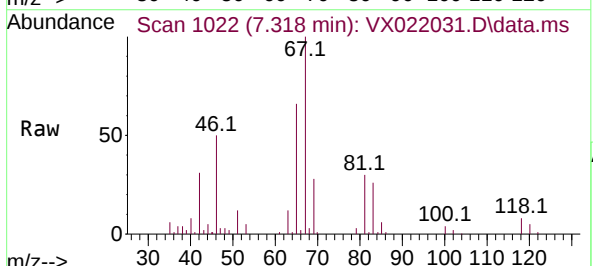
Instrument :
MSVOA_X
ClientSampleId :

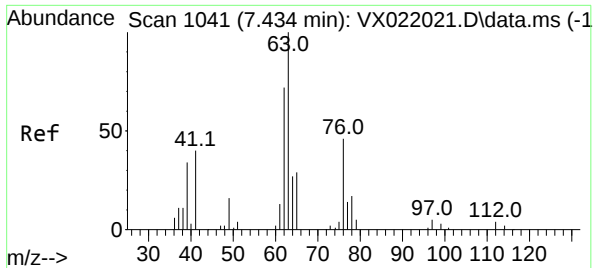
Tgt Ion: 95 Resp: 59750
Ion Ratio Lower Upper
95 100
97 63.0 48.6 90.2
132 92.9 67.3 125.1
130 96.8 69.1 128.3



#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

Tgt Ion: 83 Resp: 8008
Ion Ratio Lower Upper
83 100
55 0.0 60.3 90.5#
98 0.0 39.4 59.2#

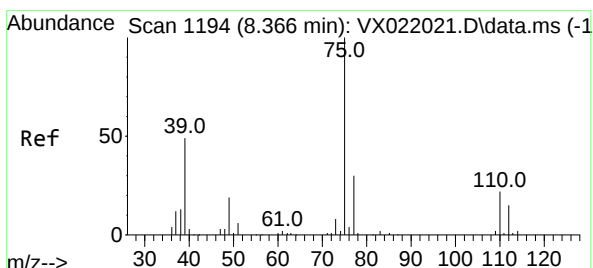
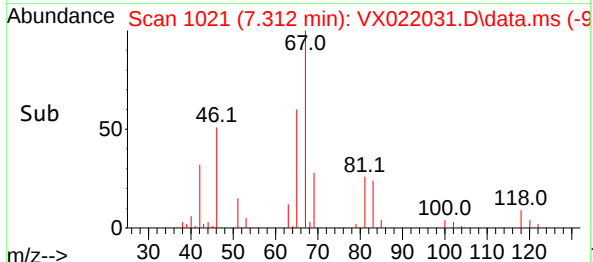
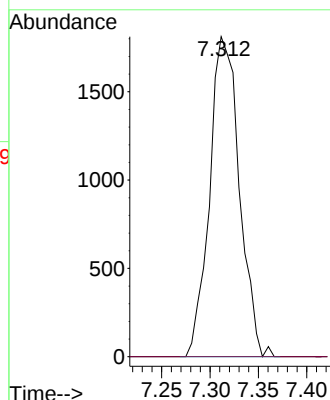
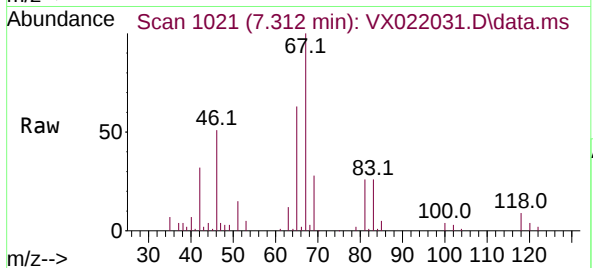




#37
1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

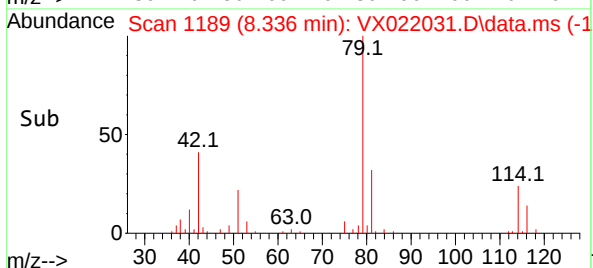
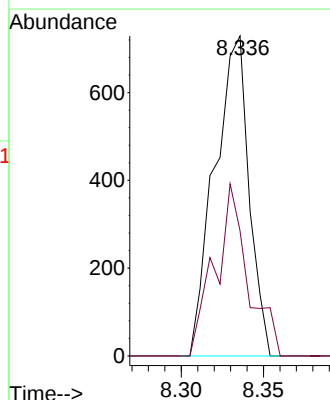
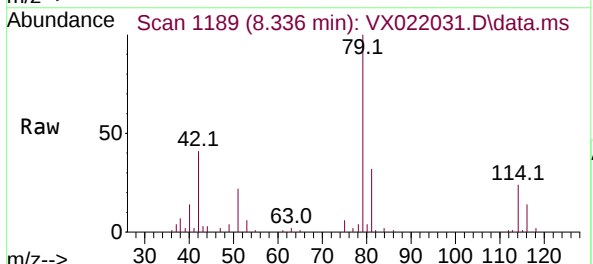
Instrument :
MSVOA_X
ClientSampled :

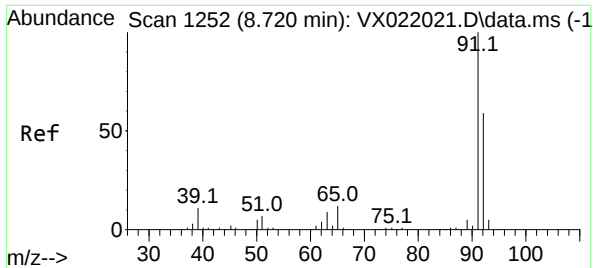
Tgt Ion: 63 Resp: 3881
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 8.336 min Scan# 1189
Delta R.T. -0.031 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

Tgt Ion: 75 Resp: 1060
Ion Ratio Lower Upper
75 100
77 39.1 21.3 39.5





#42

Toluene

Concen: 0.08 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX022031.D

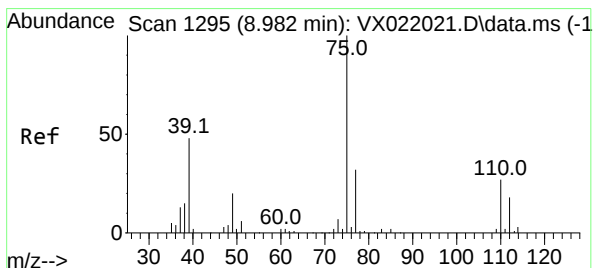
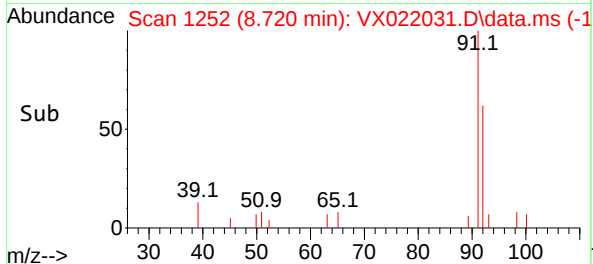
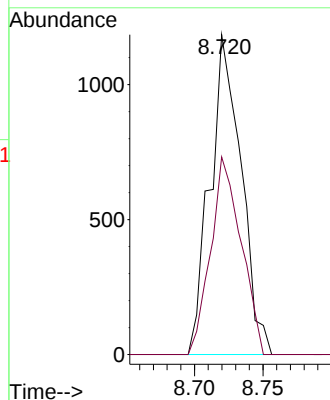
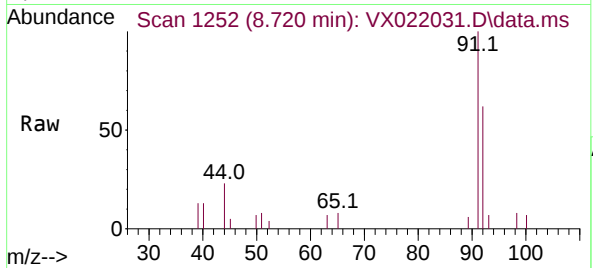
Acq: 17 May 2021 14:09

Tgt Ion: 91 Resp: 1866

Ion Ratio Lower Upper

91 100

92 61.8 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.08 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX022031.D

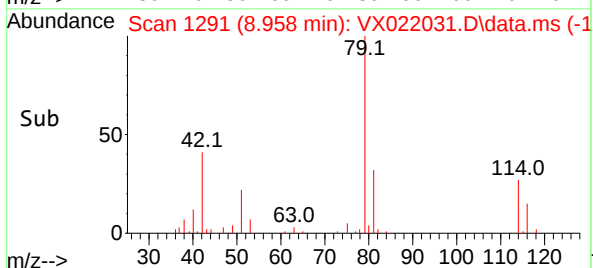
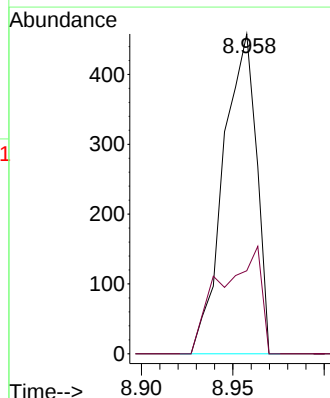
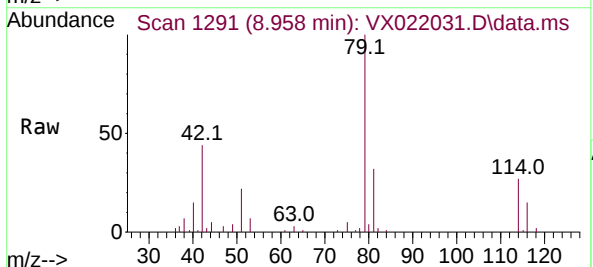
Acq: 17 May 2021 14:09

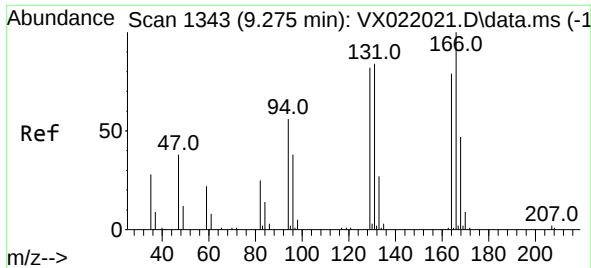
Tgt Ion: 75 Resp: 576

Ion Ratio Lower Upper

75 100

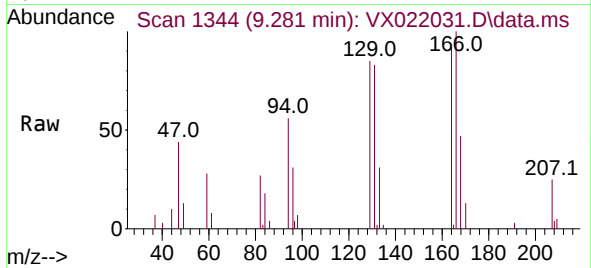
77 26.0 21.6 40.0



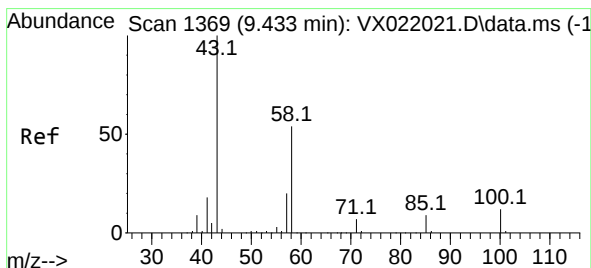
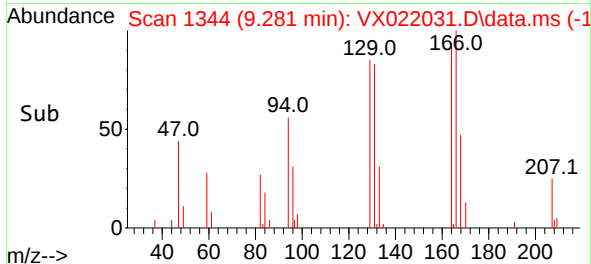
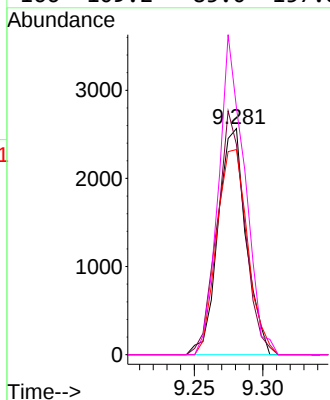


#47
Tetrachloroethene
Concen: 0.95 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09

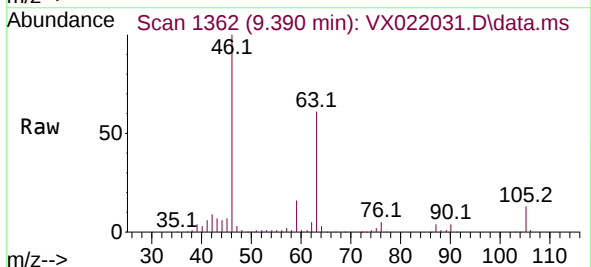
Instrument :
MSVOA_X
ClientSampleId :



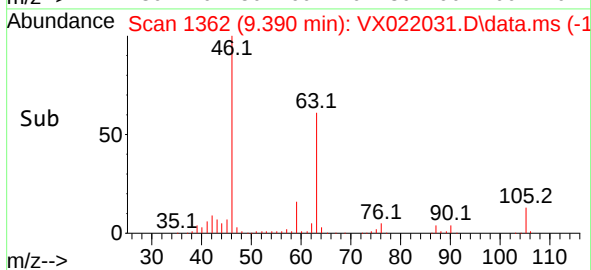
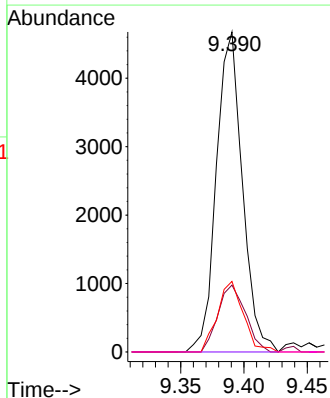
Tgt Ion:164 Resp: 3662
Ion Ratio Lower Upper
164 100
129 93.0 73.1 135.7
131 90.7 69.1 128.3
166 109.2 85.0 157.8

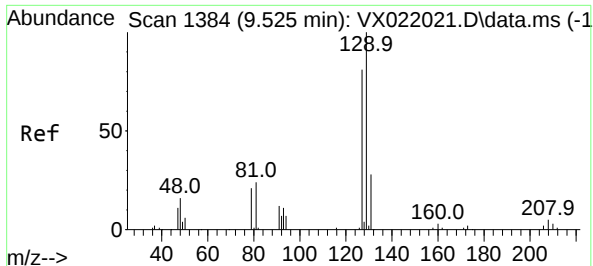


#48
2-Hexanone
Concen: 2.84 ug/L
RT: 9.390 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX022031.D
Acq: 17 May 2021 14:09



Tgt Ion: 43 Resp: 6681
Ion Ratio Lower Upper
43 100
58 22.2 44.6 67.0#
57 21.9 14.8 22.2
100 0.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.88 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022031.D

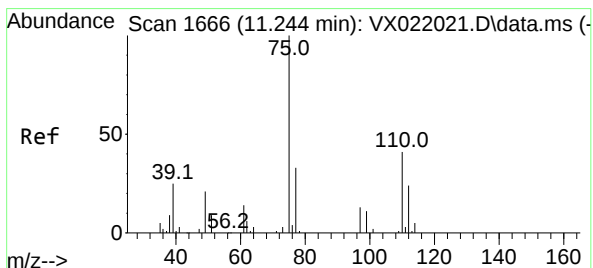
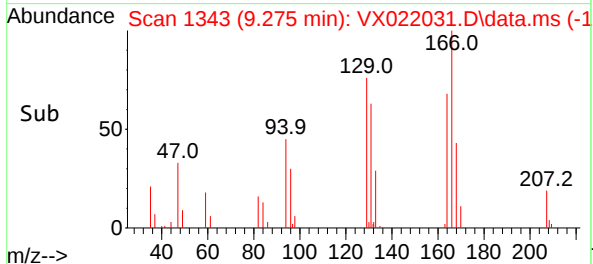
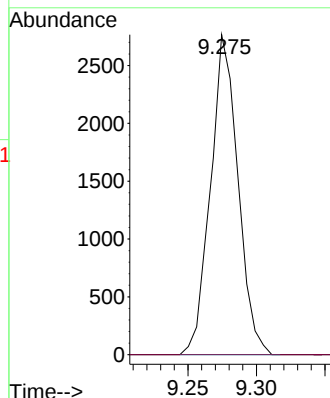
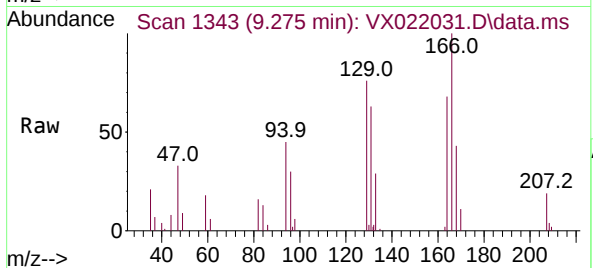
Acq: 17 May 2021 14:09

Tgt Ion:129 Resp: 3850

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.37 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX022031.D

Acq: 17 May 2021 14:09

Tgt Ion: 75 Resp: 4237

Ion Ratio Lower Upper

75 100

77 33.9 24.6 37.0

110 2.4 32.3 48.5#

