

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018162.D
 Acq On : 31 Aug 2020 21:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:14 AM

Quant Time: Sep 01 07:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	439153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	701119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	677418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	367106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	300525	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	5.46	113	233867	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.70	98	830758	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.12	95	338265	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	270344	50.562	ug/l	100
3) Chloromethane	1.31	50	277158	49.168	ug/l	100
4) Vinyl Chloride	1.39	62	267769	47.719	ug/l	99
5) Bromomethane	1.62	94	162842	60.165	ug/l	99
6) Chloroethane	1.70	64	156033	51.772	ug/l	97
7) Trichlorofluoromethane	1.91	101	430765	56.298	ug/l	98
8) Diethyl Ether	2.17	74	134822	51.957	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	212849	51.455	ug/l	99
10) Methyl Iodide	2.49	142	257393	57.295	ug/l	98
11) Tert butyl alcohol	3.03	59	295224	249.052	ug/l	99
12) 1,1-Dichloroethene	2.36	96	220489	51.377	ug/l	94
13) Acrolein	2.28	56	134719	274.089	ug/l	99
14) Allyl chloride	2.71	41	387580	50.267	ug/l	96
15) Acrylonitrile	3.12	53	666581	247.899	ug/l	98
16) Acetone	2.42	43	590664	248.638	ug/l	97
17) Carbon Disulfide	2.55	76	600304	46.271	ug/l	100
18) Methyl Acetate	2.75	43	307631	53.663	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	791797	53.798	ug/l	99
20) Methylene Chloride	2.84	84	248712	51.232	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	239606	50.393	ug/l	96
22) Diisopropyl ether	3.83	45	787858	51.771	ug/l	98
23) Vinyl Acetate	3.79	43	3521907	260.089	ug/l	98
24) 1,1-Dichloroethane	3.67	63	446541	51.547	ug/l	98
25) 2-Butanone	4.64	43	940021	240.772	ug/l	97
26) 2,2-Dichloropropane	4.56	77	344892	48.932	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	270997	49.467	ug/l	99
28) Bromochloromethane	4.98	49	199398	47.686	ug/l	98
29) Tetrahydrofuran	5.09	42	608704	244.918	ug/l	98
30) Chloroform	5.18	83	472400	52.665	ug/l	96
31) Cyclohexane	5.55	56	363797	49.855	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	440292	53.488	ug/l	100
36) 1,1-Dichloropropene	5.77	75	329038	50.882	ug/l	99
37) Ethyl Acetate	4.80	43	364784	48.568	ug/l	99
38) Carbon Tetrachloride	5.76	117	402633	55.248	ug/l	97

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Manual Integrations
 APPROVED

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 9/1/2020 9:08:14 AM

Quant Time: Sep 01 07:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	356427	50.405	ug/l	98
40) Benzene	6.11	78	963919	50.728	ug/l	98
41) Methacrylonitrile	5.01	41	205596	49.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	388402	53.350	ug/l	98
43) Isopropyl Acetate	6.42	43	610004	50.284	ug/l	99
44) Trichloroethene	7.19	130	272638	50.779	ug/l	98
45) 1,2-Dichloropropane	7.49	63	261508	51.063	ug/l	100
46) Dibromomethane	7.64	93	181620	50.431	ug/l	98
47) Bromodichloromethane	7.88	83	390599	54.319	ug/l	98
48) Methyl methacrylate	7.75	41	304962	50.498	ug/l	99
49) 1,4-Dioxane	7.72	88	102114	933.471	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1905600	254.298	ug/l	100
52) Toluene	8.77	92	610899	50.701	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	416240	52.228	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	431072	51.060	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	264164	51.406	ug/l	97
56) Ethyl methacrylate	9.16	69	393583	51.520	ug/l	98
57) 1,3-Dichloropropane	9.35	76	432767	51.059	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	799009	232.503	ug/l	100
59) 2-Hexanone	9.48	43	1481446	259.994	ug/l	100
60) Dibromochloromethane	9.57	129	332245	55.114	ug/l	99
61) 1,2-Dibromoethane	9.65	107	283149	50.752	ug/l	99
64) Tetrachloroethene	9.32	164	260452	52.320	ug/l	93
65) Chlorobenzene	10.12	112	700833	51.800	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	284418	53.337	ug/l	97
67) Ethyl Benzene	10.24	91	1209243	52.557	ug/l	97
68) m/p-Xylenes	10.34	106	929357	108.219	ug/l	97
69) o-Xylene	10.68	106	444638	53.410	ug/l	99
70) Styrene	10.70	104	790428	55.754	ug/l	100
71) Bromoform	10.84	173	255823	56.245	ug/l	99
73) Isopropylbenzene	11.00	105	1238539	51.148	ug/l	100
74) N-amyl acetate	10.88	43	553887	48.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	396651	46.435	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	377312m	46.203	ug/l	
77) Bromobenzene	11.24	156	325975	48.701	ug/l	98
78) n-propylbenzene	11.34	91	1422341	51.731	ug/l	100
79) 2-Chlorotoluene	11.40	91	855748	50.377	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1065598	53.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	143099	47.326	ug/l	98
82) 4-Chlorotoluene	11.49	91	1027452	50.879	ug/l	99
83) tert-Butylbenzene	11.76	119	1023003	52.095	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1084505	53.308	ug/l	100
85) sec-Butylbenzene	11.93	105	1208525	54.118	ug/l	100
86) p-Isopropyltoluene	12.05	119	1127080	54.945	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	579338	49.298	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	581024	49.379	ug/l	97
89) n-Butylbenzene	12.37	91	958732	51.208	ug/l	99
90) Hexachloroethane	12.58	117	225708	55.926	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	569054	51.441	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	102227	47.862	ug/l	96

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ClientSampleId :
VSTDCCC050

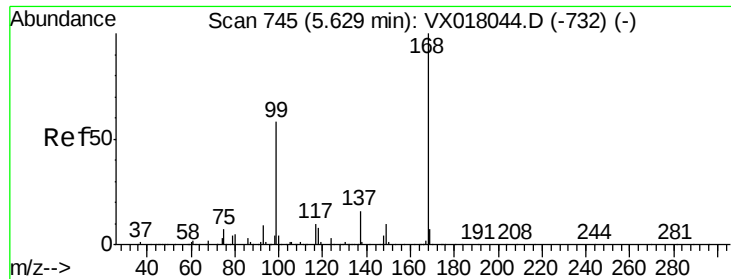
Manual Integrations
APPROVED

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9/1/2020 9:08:14 AM

Quant Time: Sep 01 07:03:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	365968	49.612	ug/l	98
94) Hexachlorobutadiene	13.77	225	156319	53.726	ug/l	97
95) Naphthalene	13.82	128	1254709	51.684	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	363191	49.829	ug/l	98

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



#1

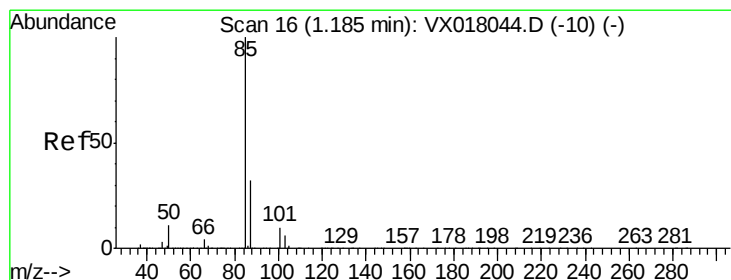
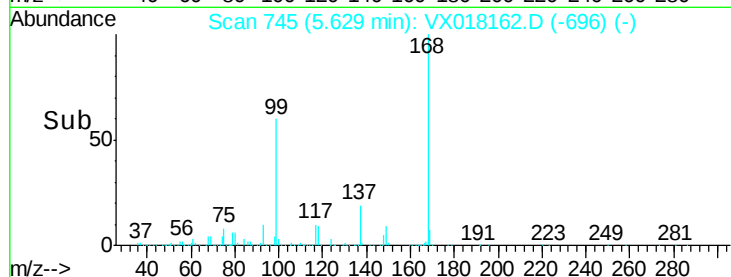
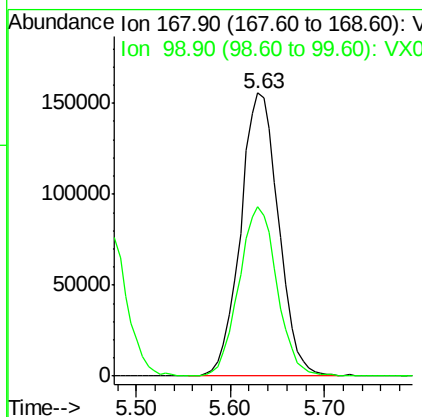
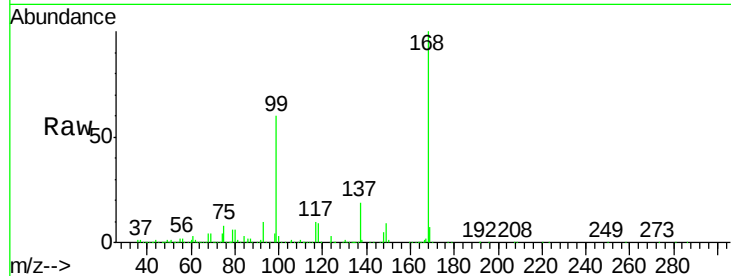
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	59.7	46.3	69.5

Manual Integrations
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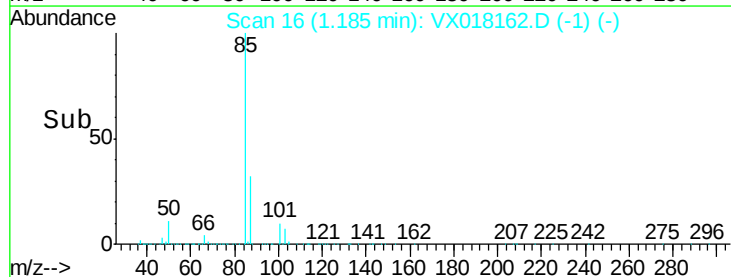
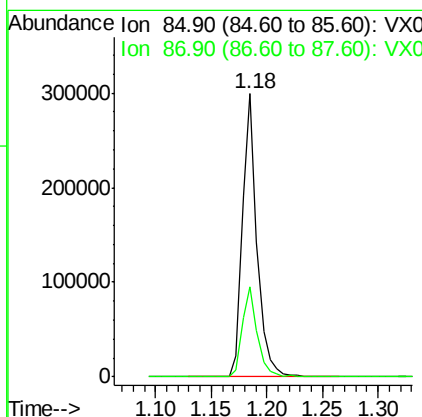
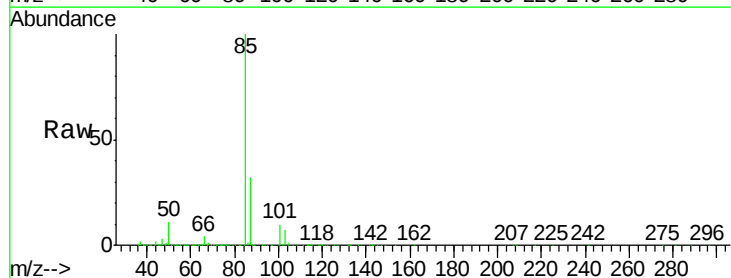
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#2

Dichlorodifluoromethane
 Concen: 50.562 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.1	48.2





#3

Chloromethane

Concen: 49.168 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 277158

Ion Ratio Lower Upper

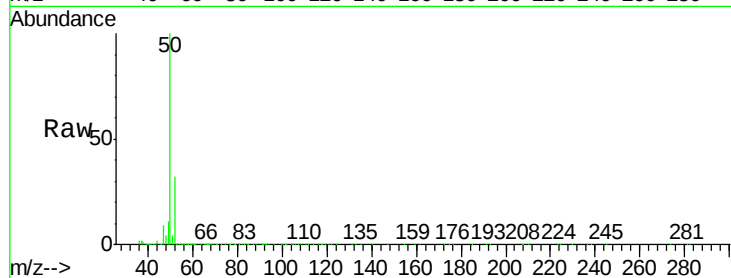
50 100

52 31.9 25.4 38.2

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

300000

250000

200000

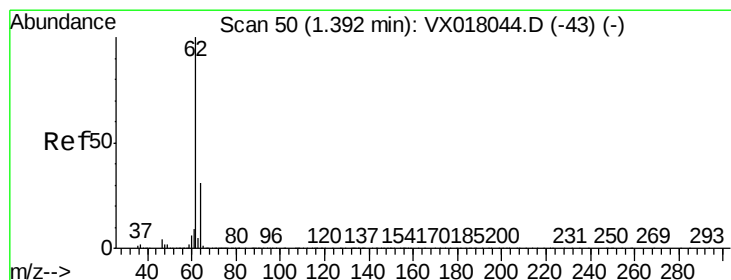
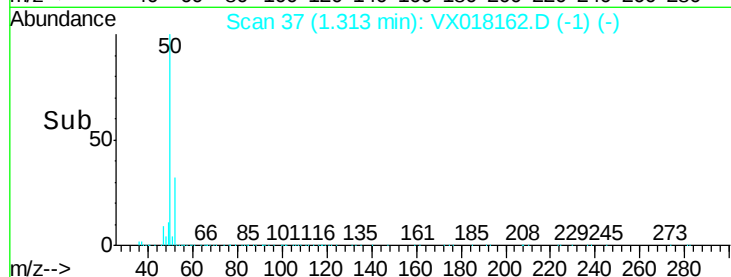
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.719 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018162.D

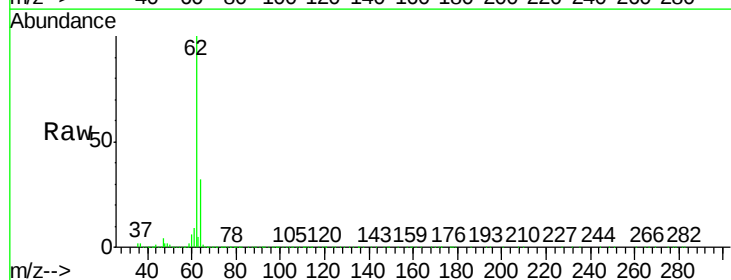
Acq: 31 Aug 2020 21:13

Tgt Ion: 62 Resp: 267769

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

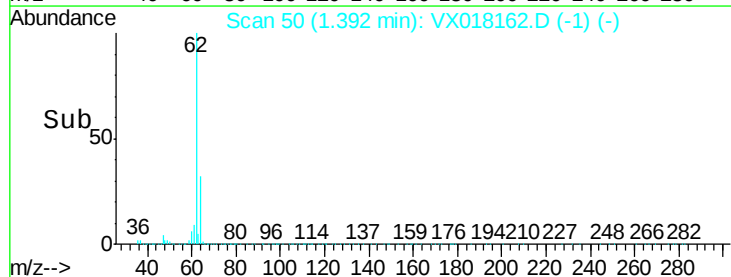
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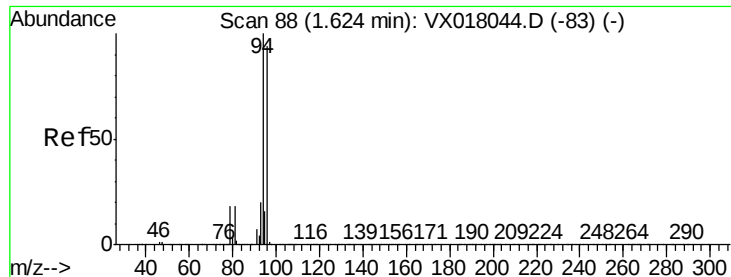
200000

100000

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Time-->





#5

Bromomethane

Concen: 60.165 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 162842

Ion Ratio Lower Upper

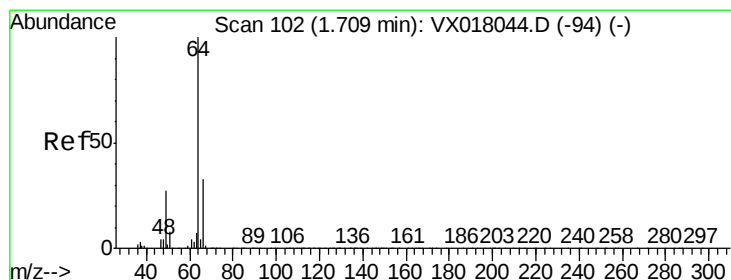
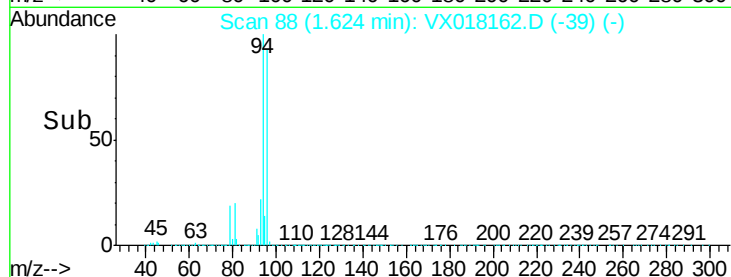
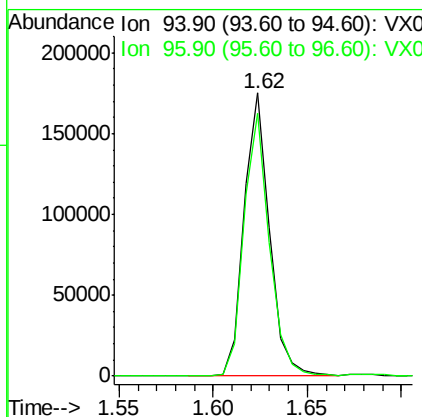
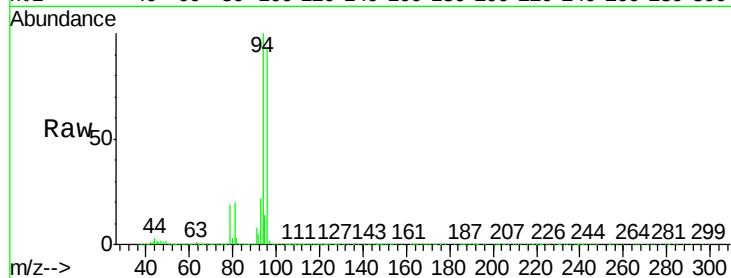
94 100

96 92.8 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 51.772 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018162.D

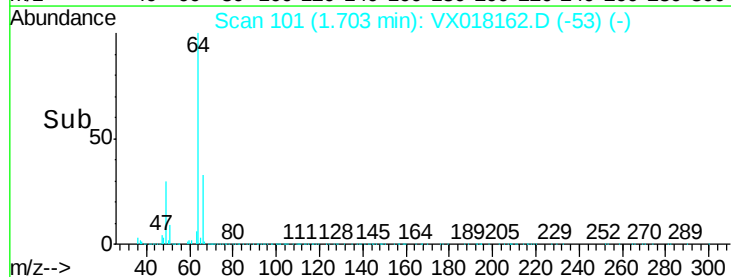
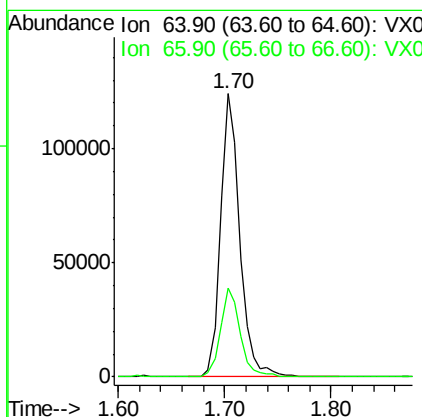
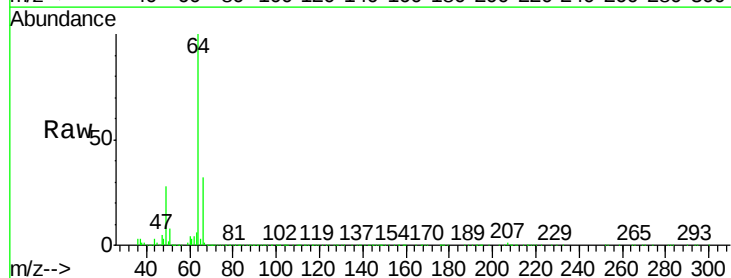
Acq: 31 Aug 2020 21:13

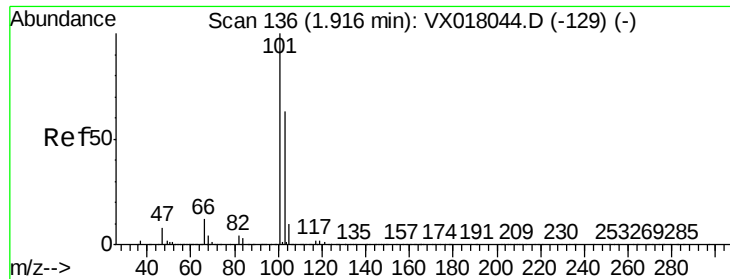
Tgt Ion: 64 Resp: 156033

Ion Ratio Lower Upper

64 100

66 31.4 26.6 39.8





#7

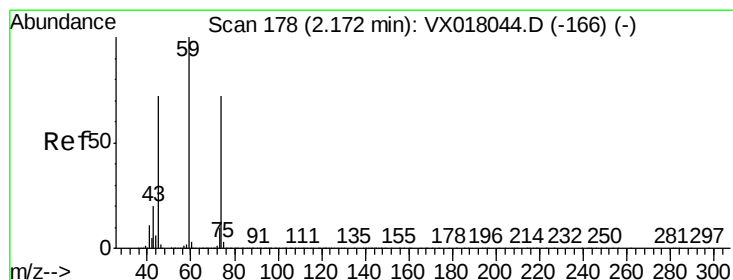
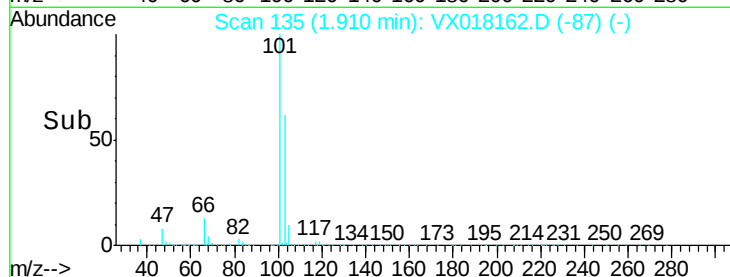
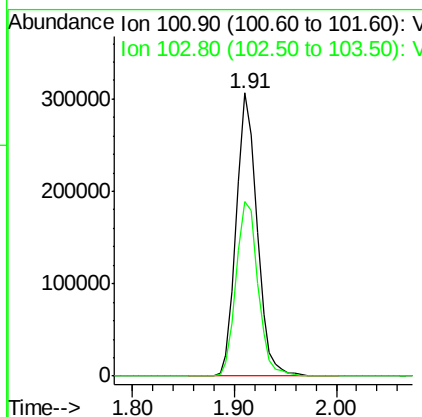
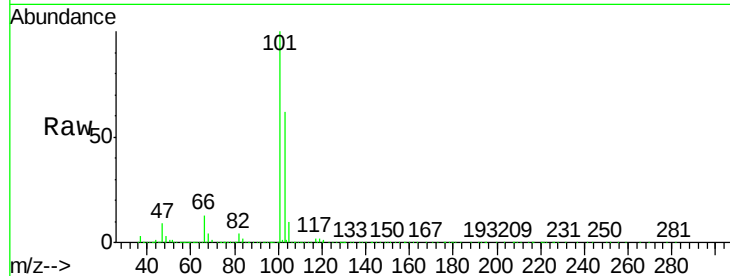
Trichlorofluoromethane
Concen: 56.298 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	50.7	76.1

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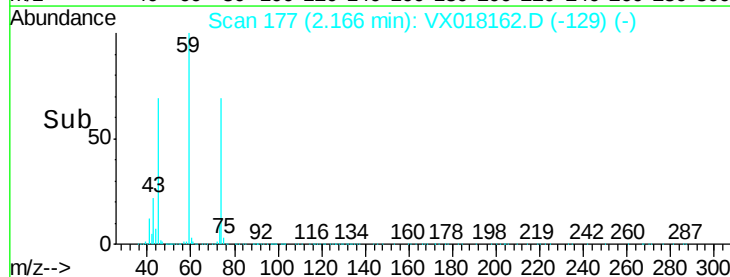
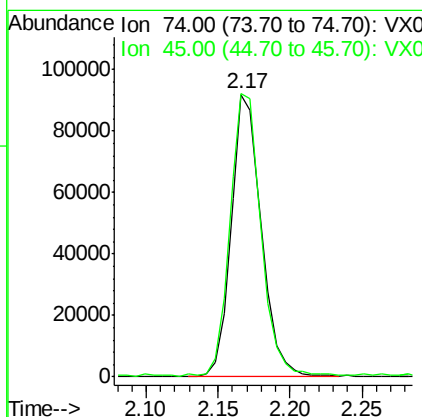
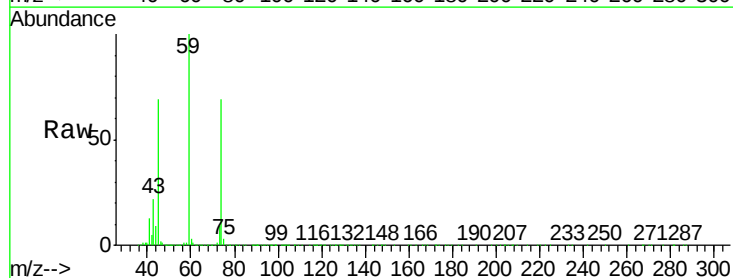
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9/1/2020 9:08:14 AM

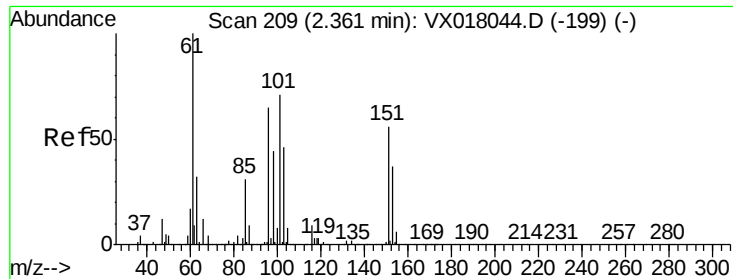


#8

Diethyl Ether
Concen: 51.957 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.455 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

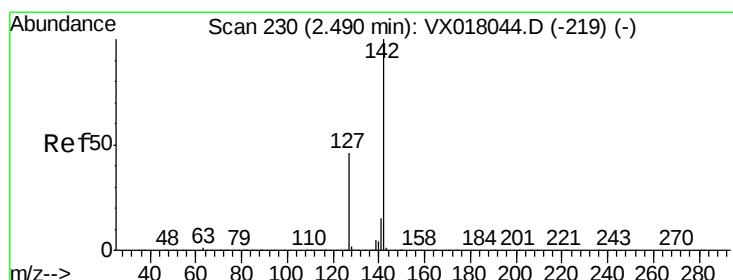
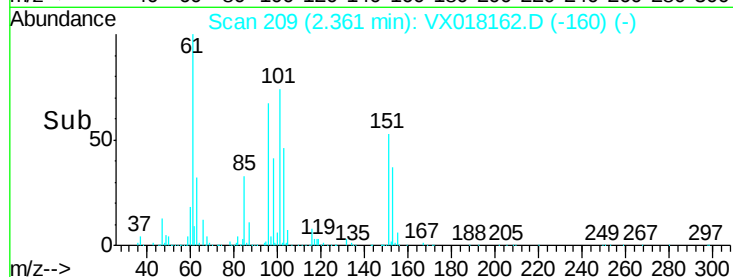
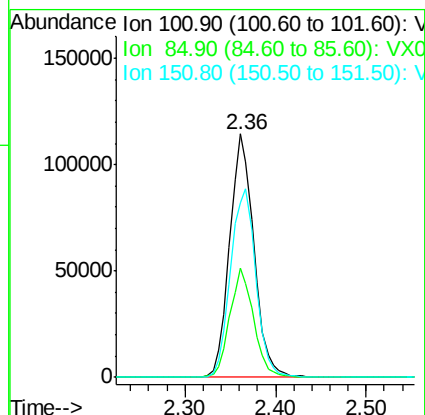
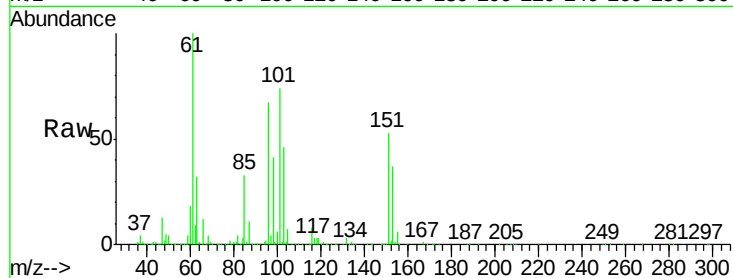
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	212849
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.0	51.0
151	80.8	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 57.295 ug/l

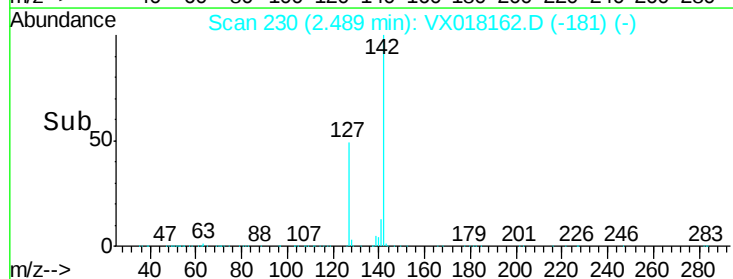
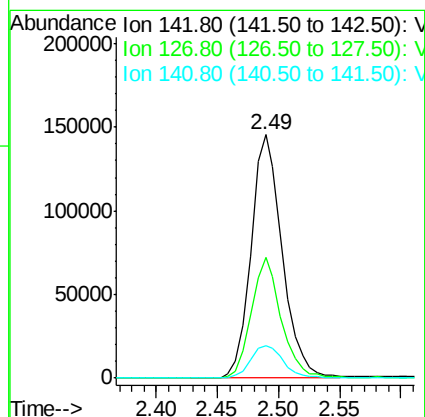
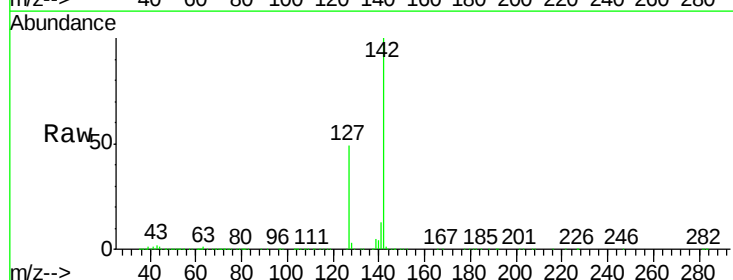
RT: 2.49 min Scan# 230

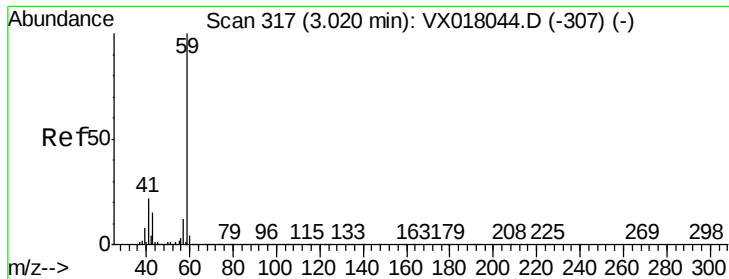
Delta R.T. 0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	142	Resp:	257393
Ion Ratio	Lower	Upper	
142	100		
127	48.0	37.0	55.6
141	14.0	11.5	17.3





#11

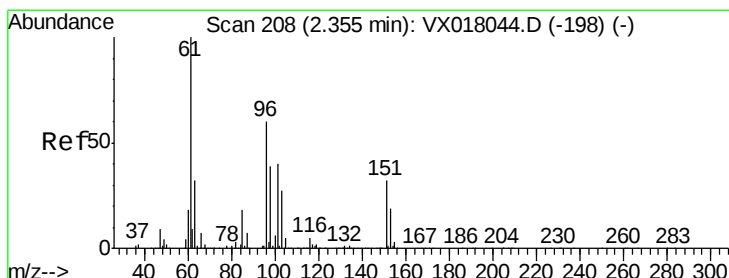
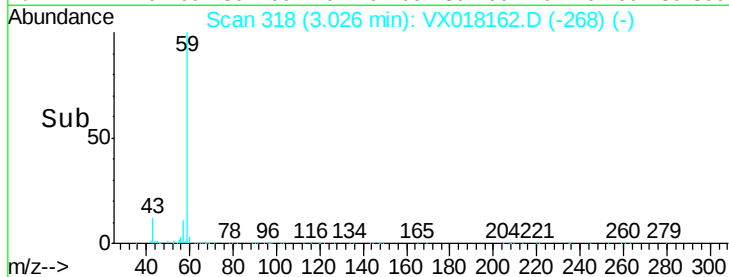
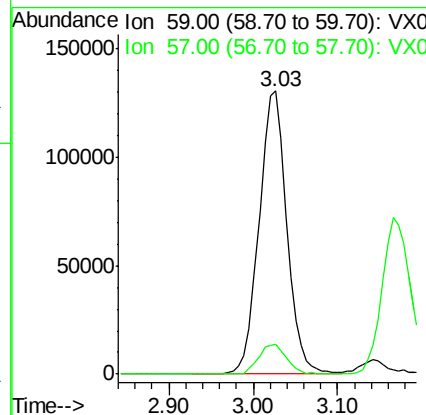
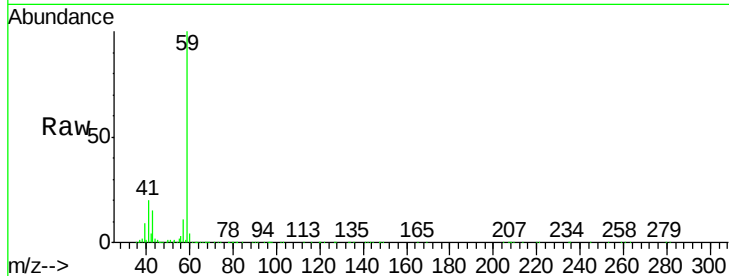
Tert butyl alcohol
 Concen: 249.052 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	295224		
57	10.6		8.9	13.3

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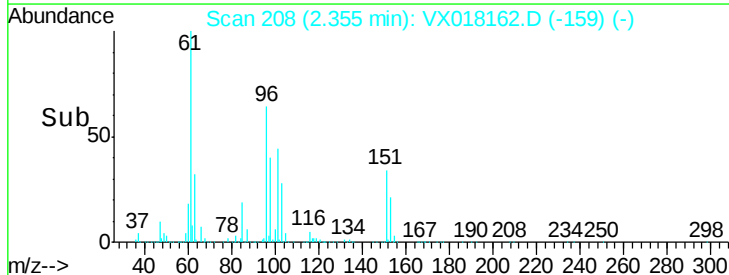
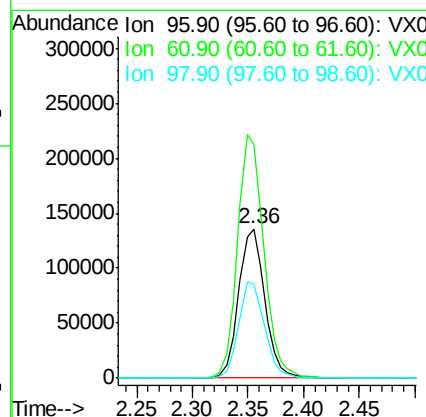
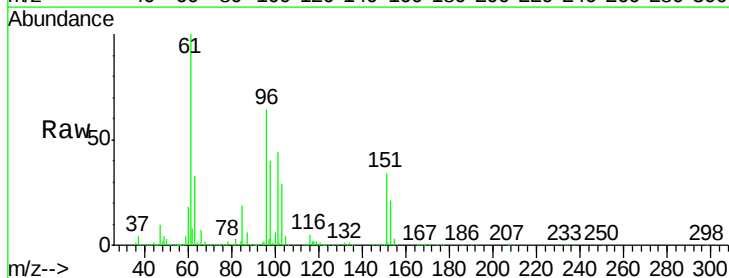
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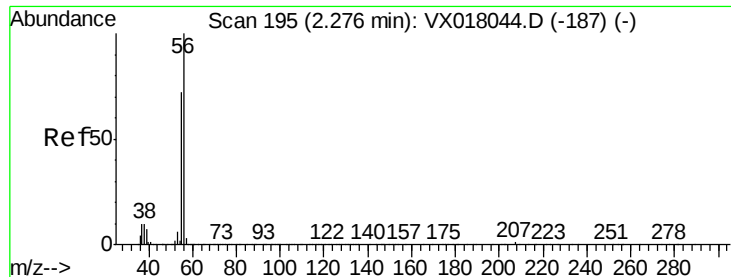


#12

1,1-Dichloroethene
 Concen: 51.377 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	220489		
61	156.2		133.0	199.4
98	63.0		51.6	77.4





#13

Acrolein

Concen: 274.089 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 134719

Ion Ratio Lower Upper

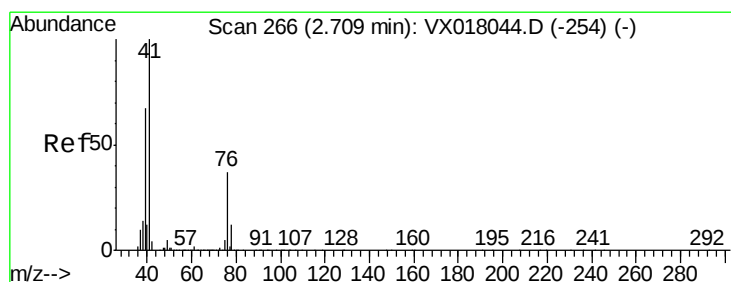
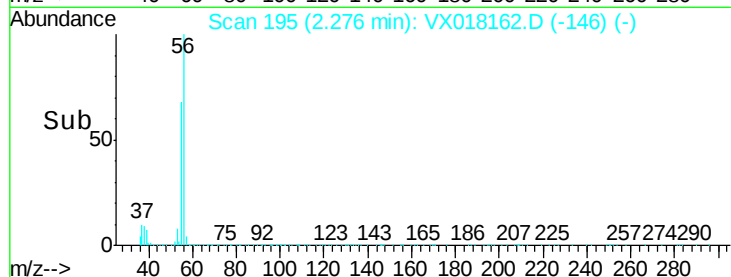
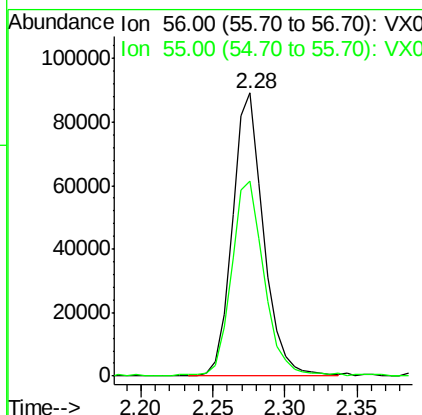
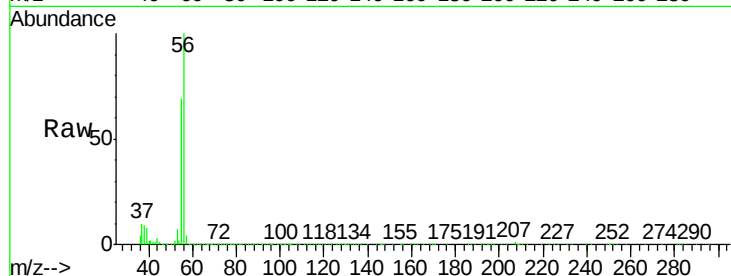
56 100

55 71.8 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 50.267 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

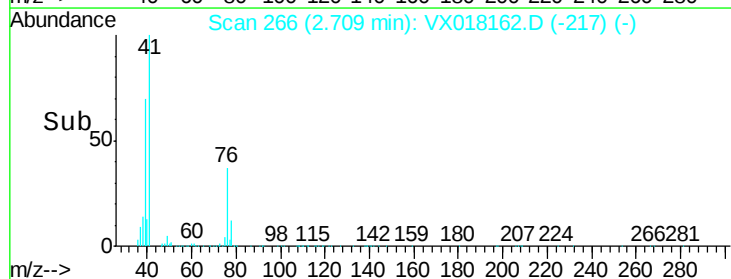
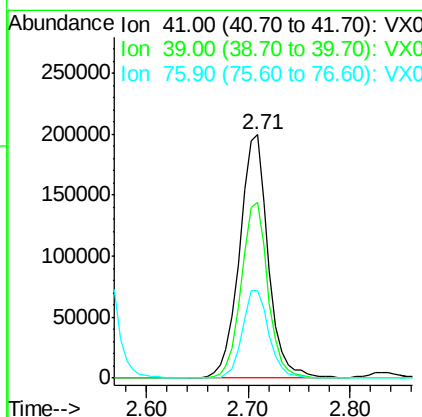
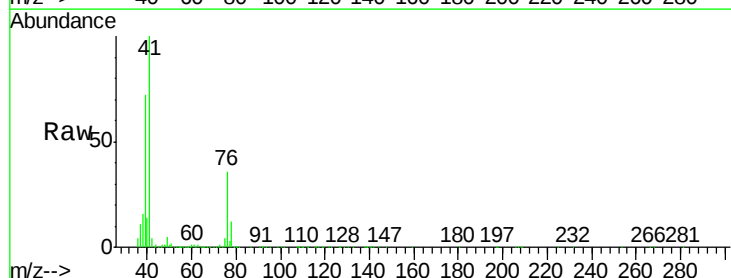
Tgt Ion: 41 Resp: 387580

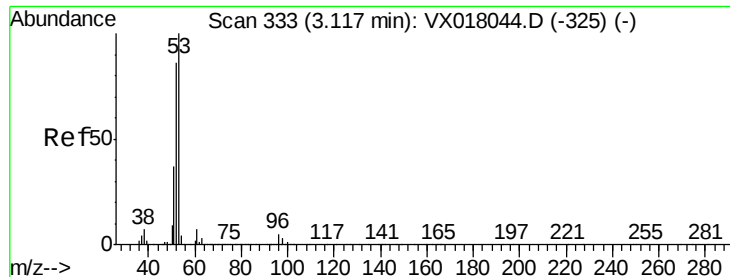
Ion Ratio Lower Upper

41 100

39 67.3 50.6 76.0

76 33.3 26.2 39.2





#15

Acrylonitrile

Concen: 247.899 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

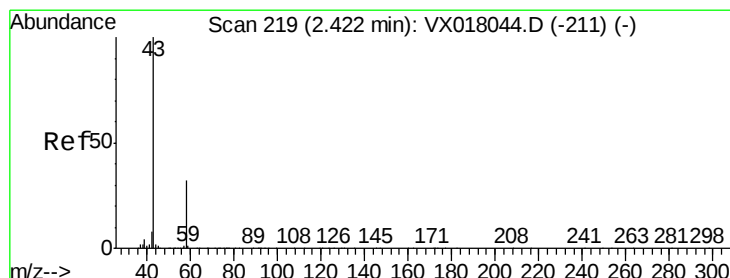
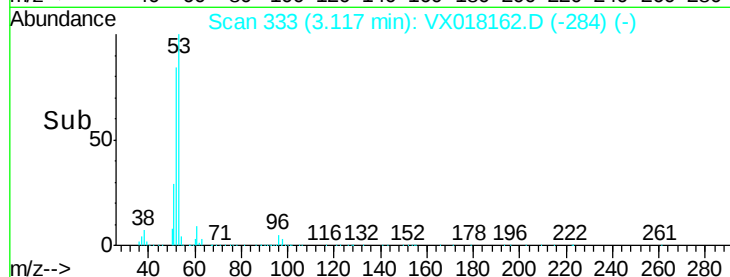
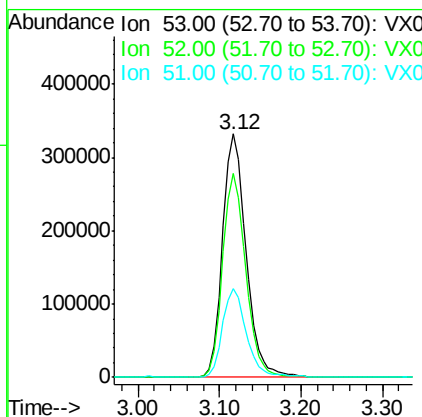
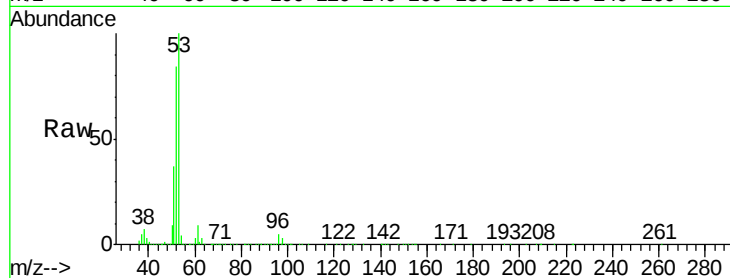
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	666581
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.9	100.3
51	37.1	28.7	43.1

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#16

Acetone

Concen: 248.638 ug/l

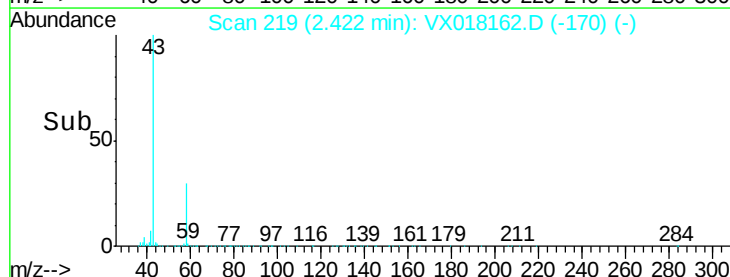
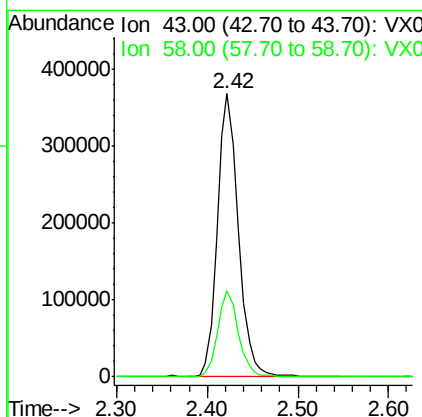
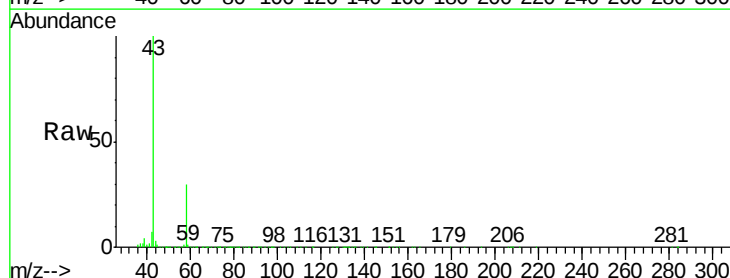
RT: 2.42 min Scan# 219

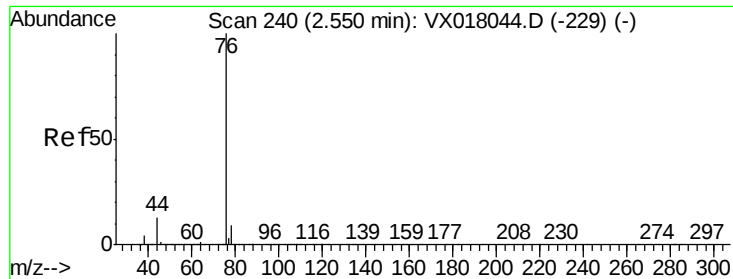
Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	43	Resp:	590664
Ion Ratio	Lower	Upper	
43	100		
58	30.3	25.5	38.3





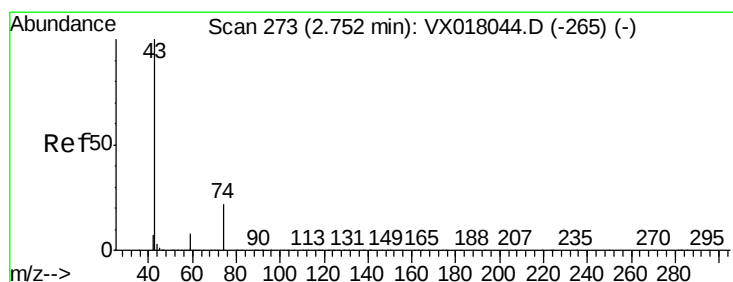
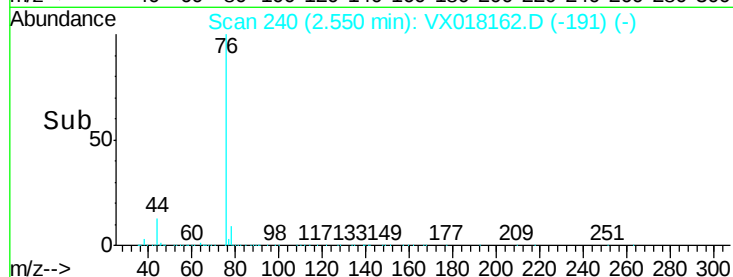
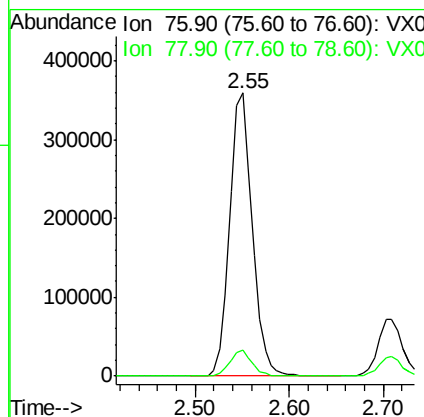
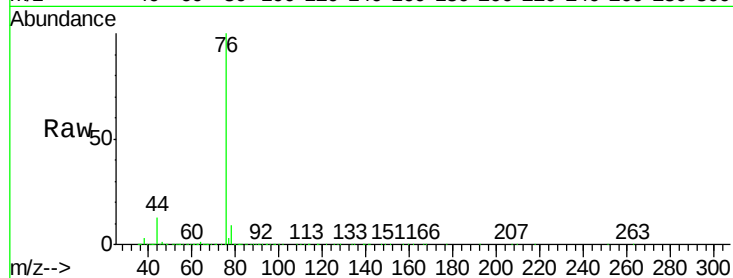
#17
Carbon Disulfide
Concen: 46.271 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

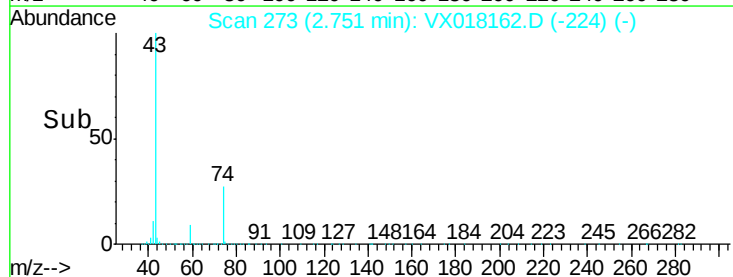
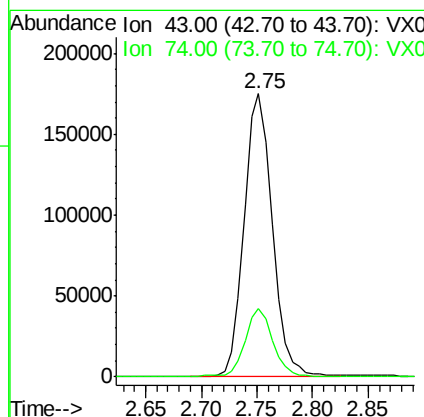
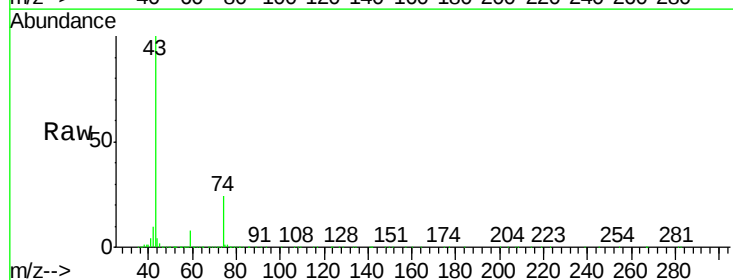
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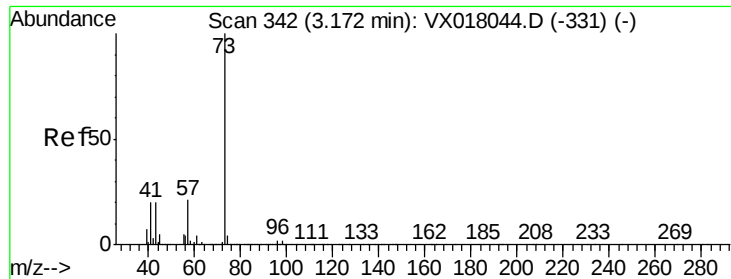
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#18
Methyl Acetate
Concen: 53.663 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.2	27.4





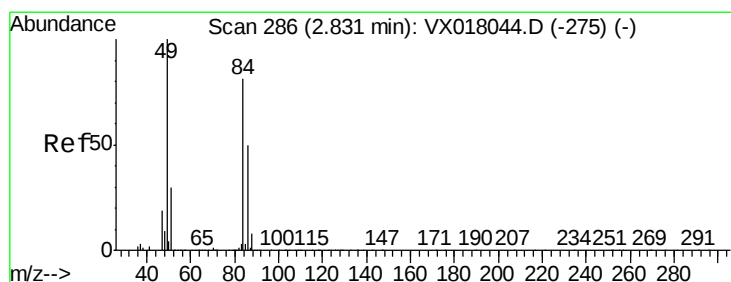
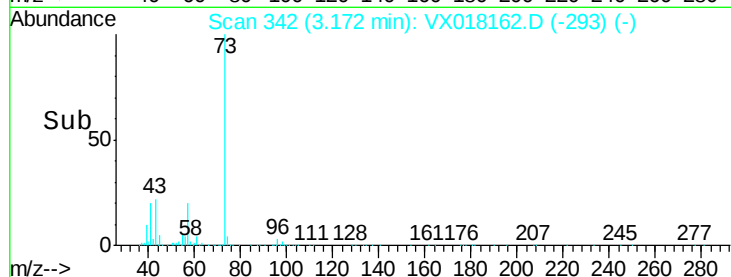
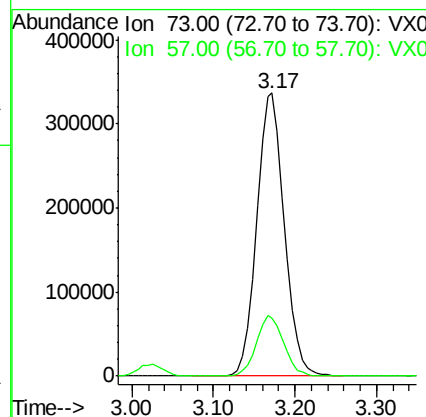
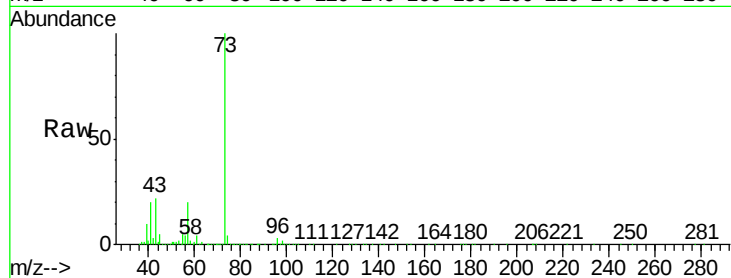
#19
Methyl tert-butyl Ether
Concen: 53.798 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.8	25.2

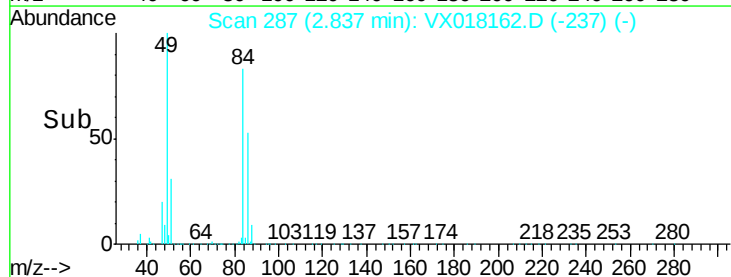
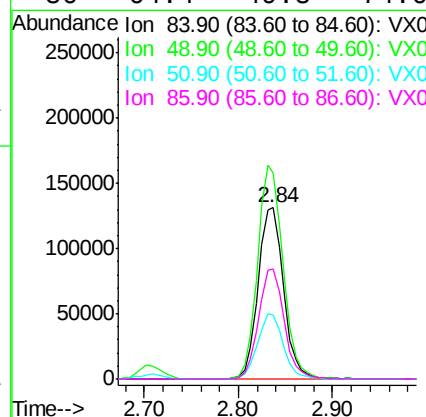
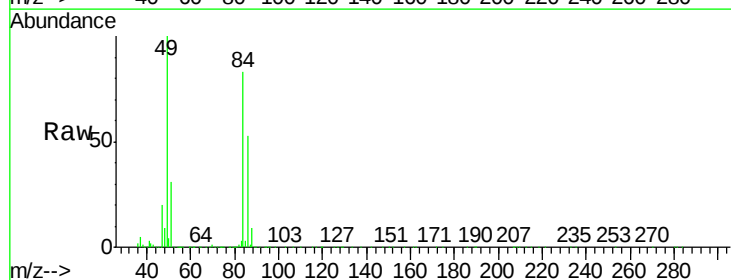
Manual Integrations
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#20
Methylene Chloride
Concen: 51.232 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	98.6	148.0
51	37.4	29.6	44.4
86	64.4	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 50.393 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

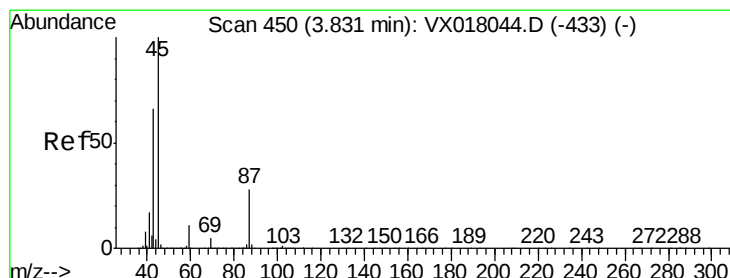
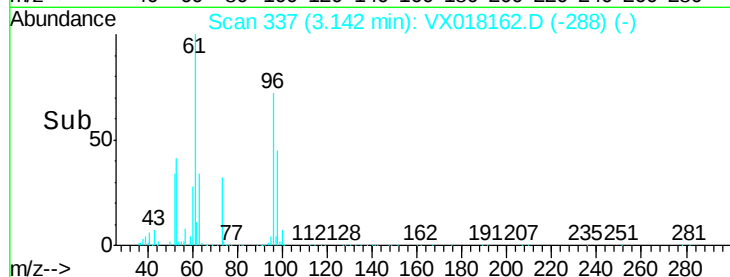
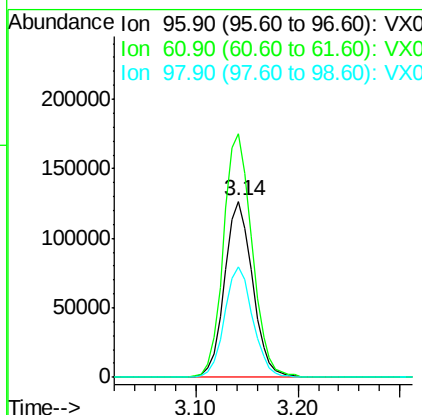
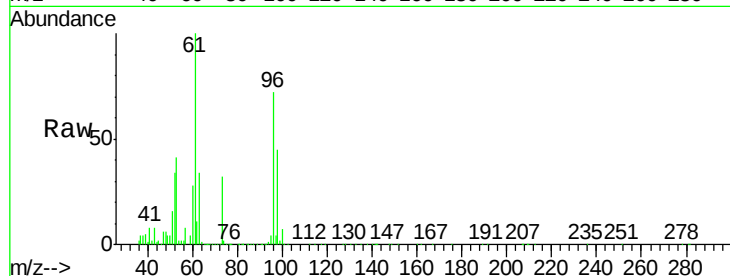
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	239606
Ion Ratio	Lower	Upper	
96	100		
61	138.3	115.4	173.0
98	62.5	51.1	76.7

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#22

Diisopropyl ether

Concen: 51.771 ug/l

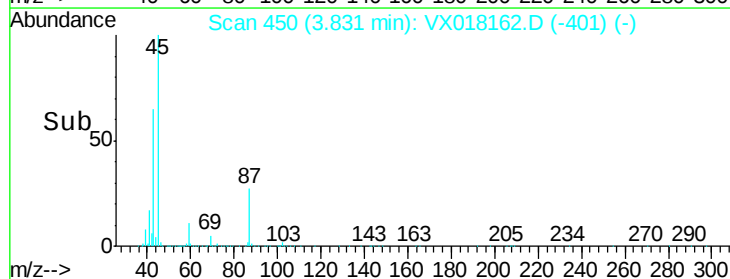
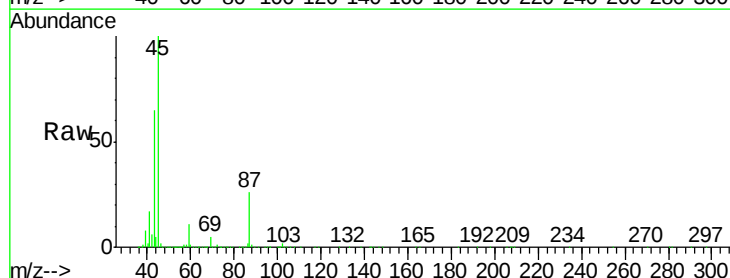
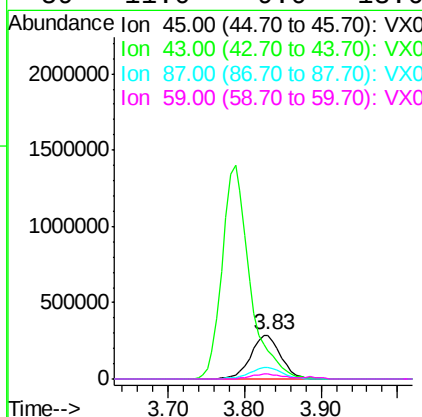
RT: 3.83 min Scan# 450

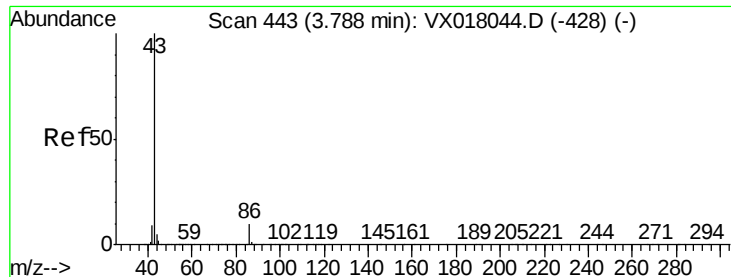
Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	45	Resp:	787858
Ion Ratio	Lower	Upper	
45	100		
43	64.8	52.8	79.2
87	26.5	22.5	33.7
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 260.089 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3521907

Ion Ratio Lower Upper

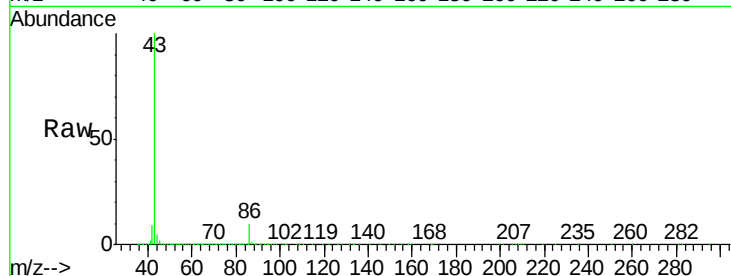
43 100

86 10.5 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

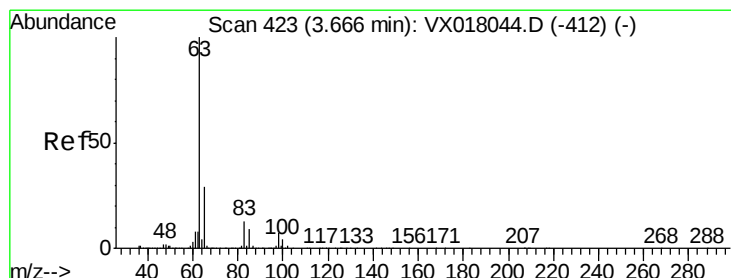
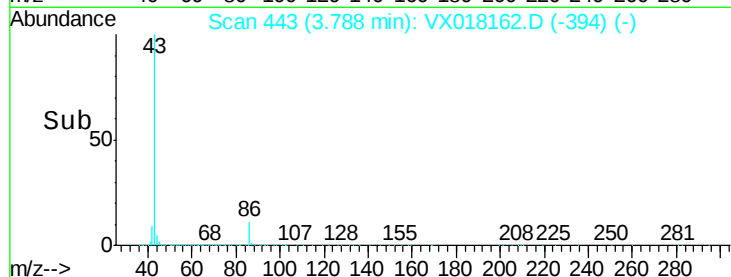
1000000

500000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.547 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

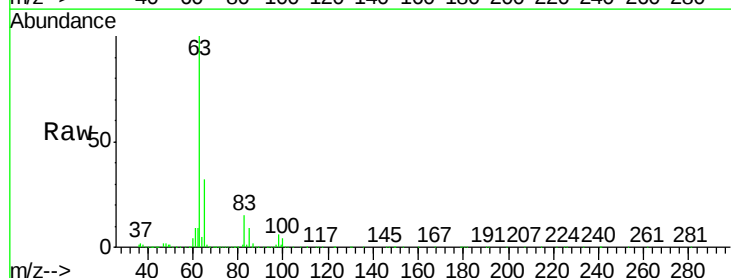
Tgt Ion: 63 Resp: 446541

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

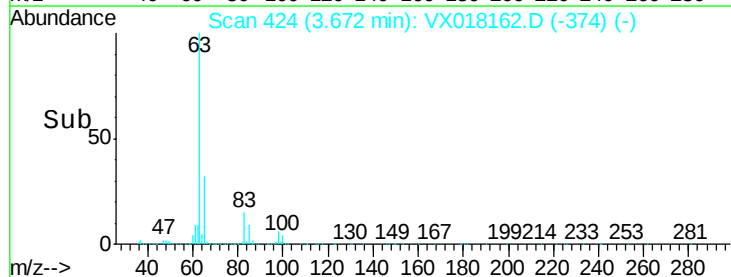
100000

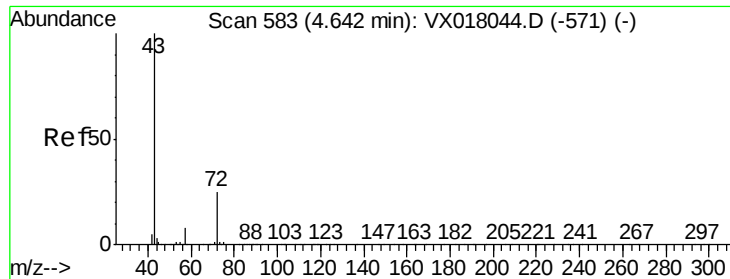
50000

0

3.50 3.60 3.70 3.80

Time-->





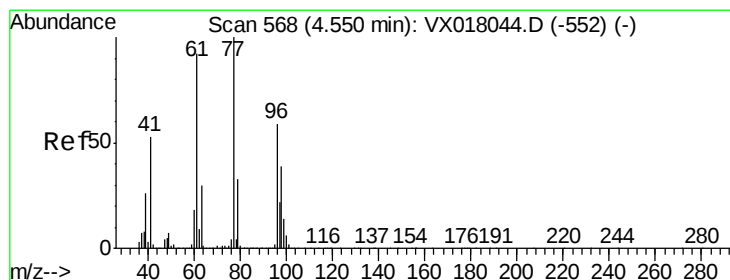
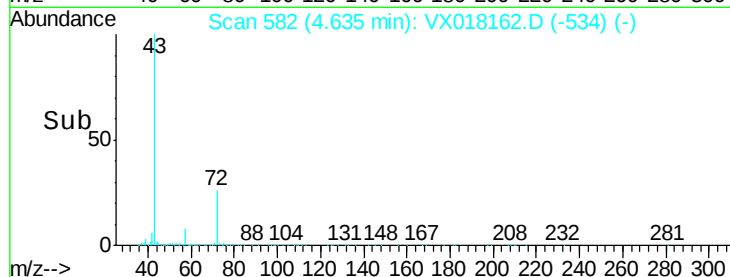
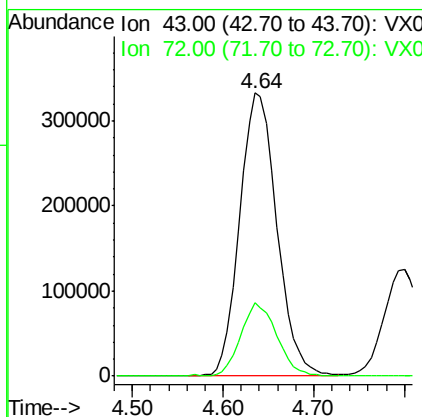
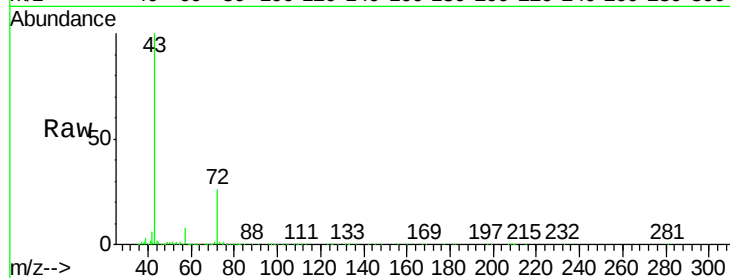
#25
2-Butanone
Concen: 240.772 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.0	19.8	29.6

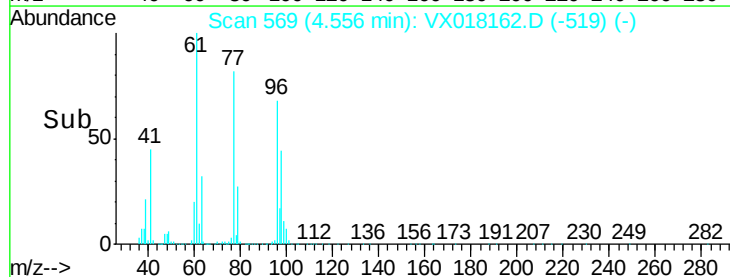
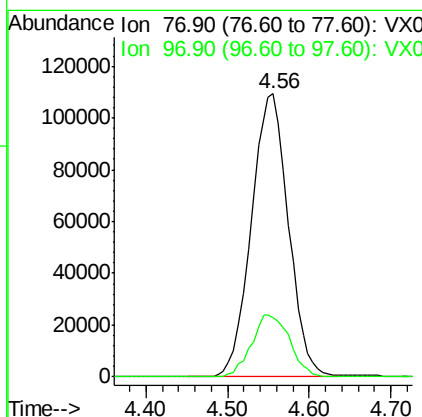
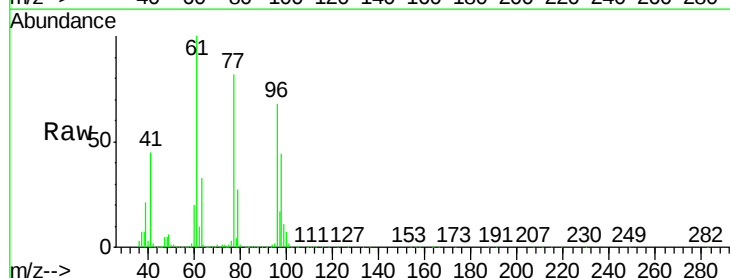
Manual Integrations
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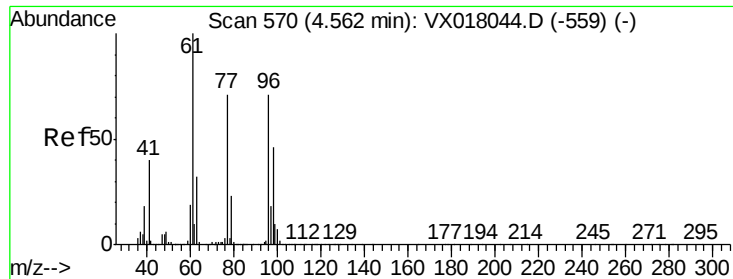
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#26
2,2-Dichloropropane
Concen: 48.932 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.5	34.5





#27

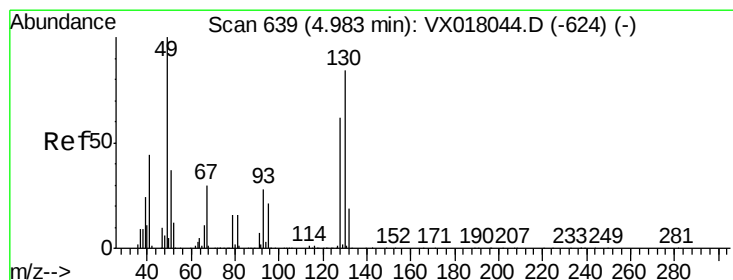
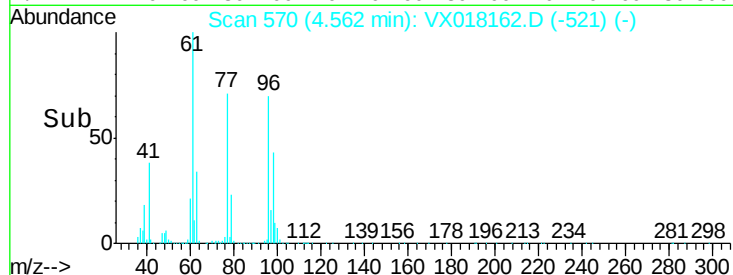
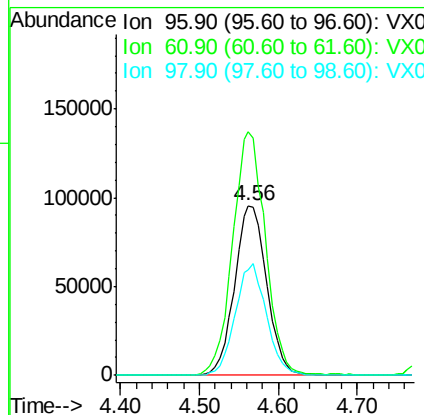
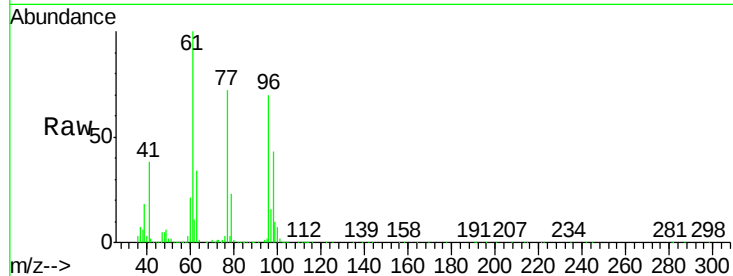
cis-1,2-Dichloroethene
Concen: 49.467 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	270997		
61	146.4	0.0	296.6	
98	64.0	0.0	130.2	

Manual Integrations
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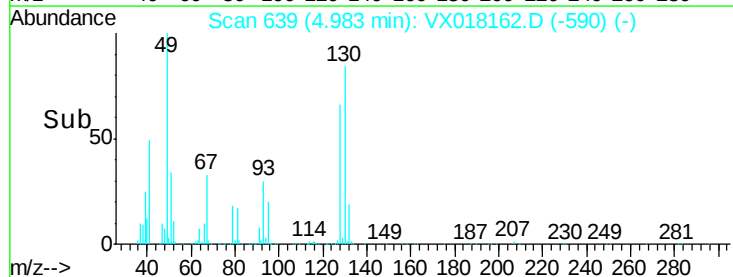
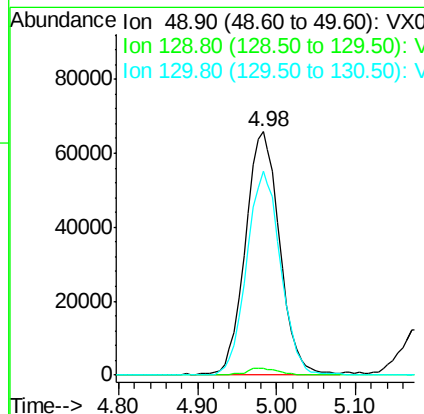
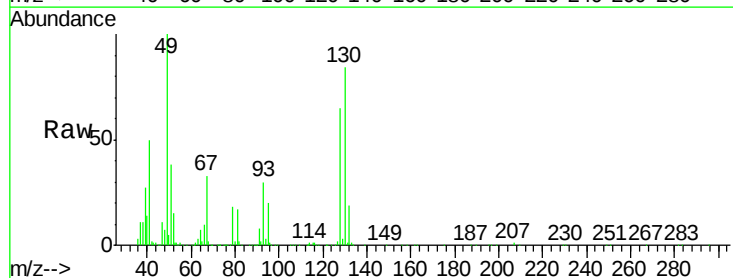
MMDadoda
9/1/2020 9:08:14 AM

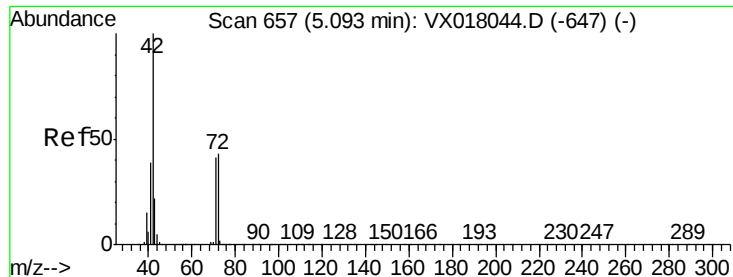


#28

Bromochloromethane
Concen: 47.686 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	199398		
129	2.7	0.0	4.6	
130	82.7	64.6	96.8	





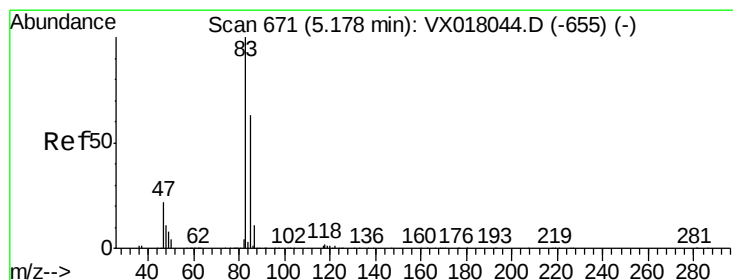
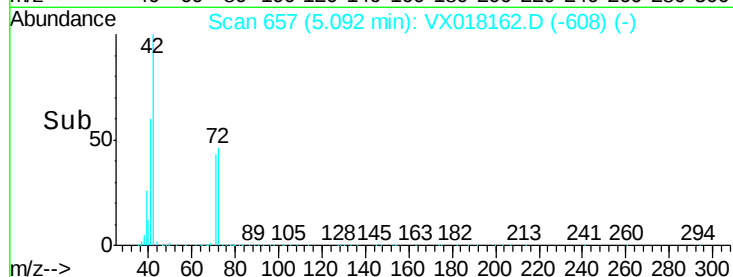
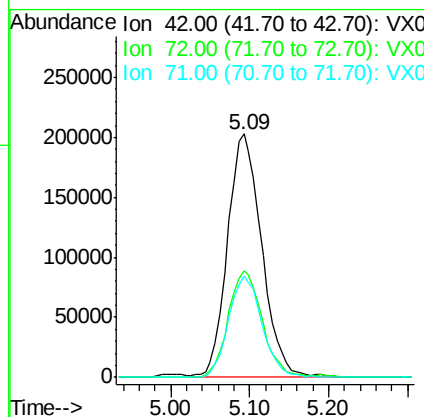
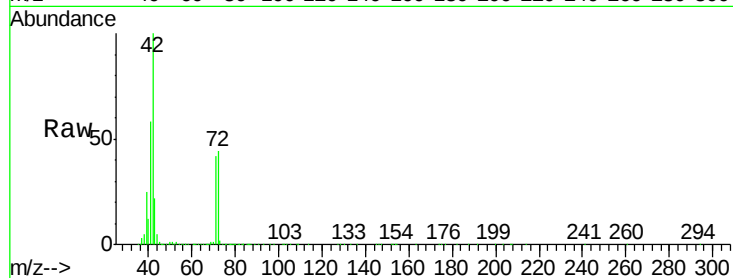
#29
Tetrahydrofuran
Concen: 244.918 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.2	51.4
71	41.1	32.1	48.1

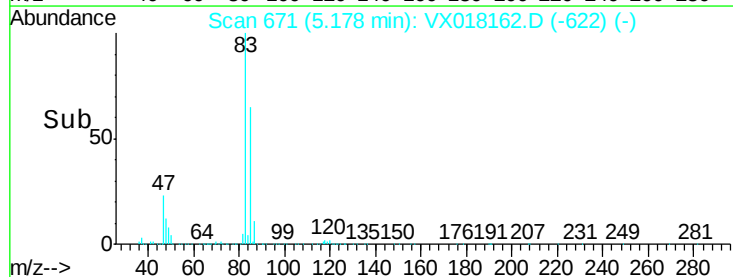
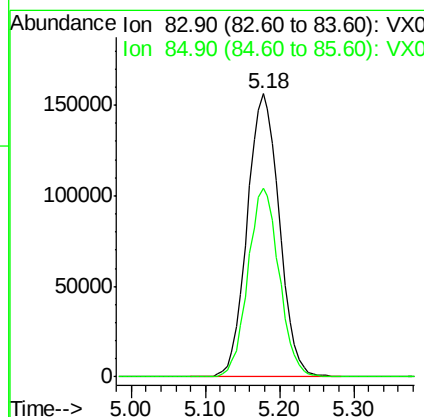
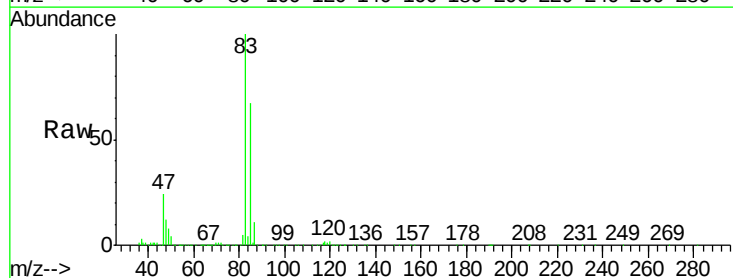
Manual Integrations
APPROVED

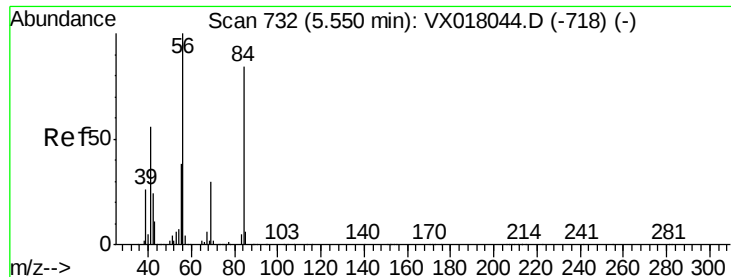
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#30
Chloroform
Concen: 52.665 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.7	76.1





#31

Cyclohexane

Concen: 49.855 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

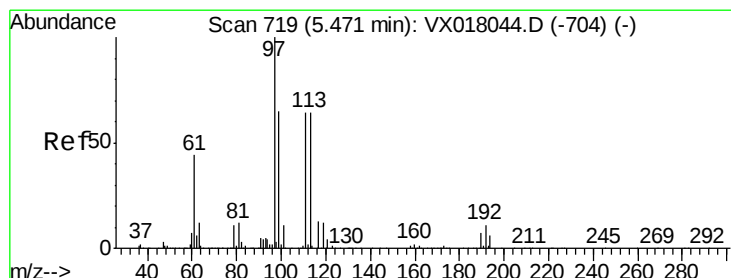
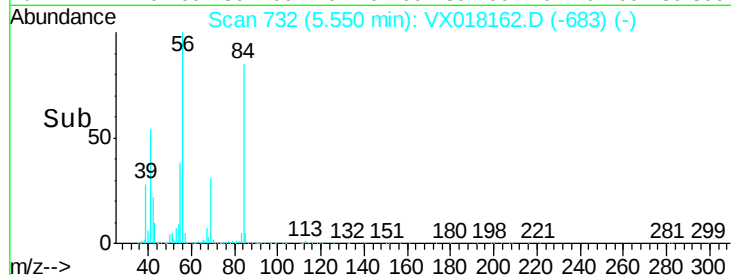
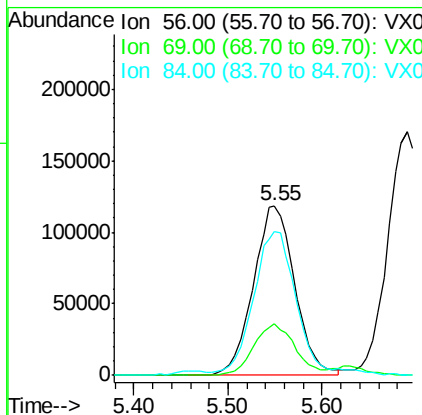
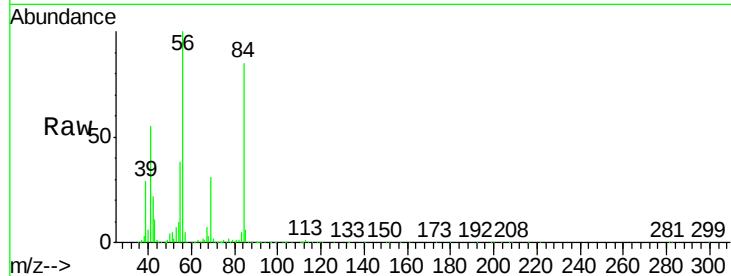
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	363797
Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.9	35.9
84	82.4	67.0	100.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.488 ug/l

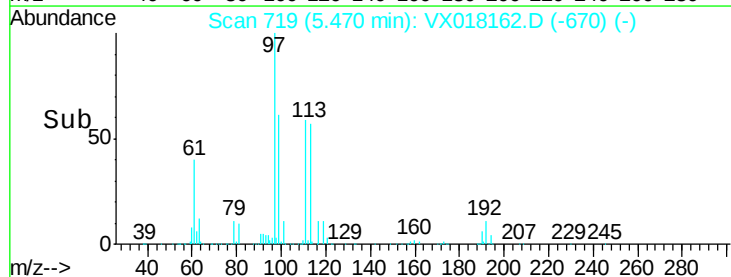
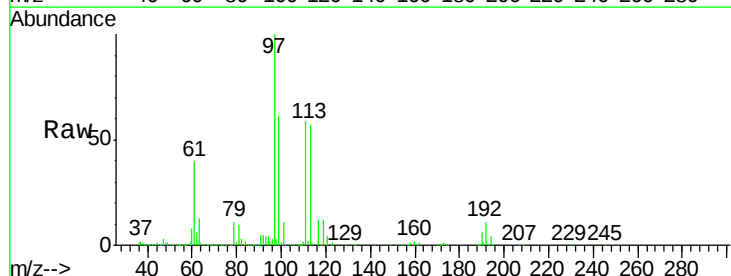
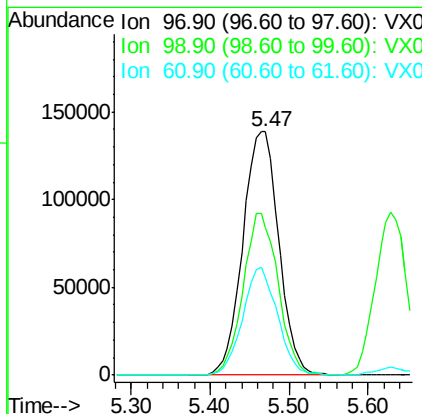
RT: 5.47 min Scan# 719

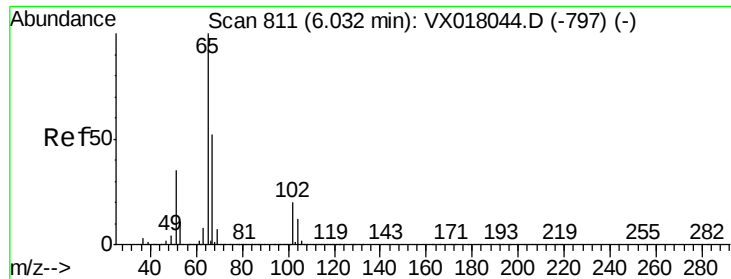
Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	97	Resp:	440292
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	42.8	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 49.294 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tot Ion: 65 Resp: 300525

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.8

Instrument :

MSVOA_X

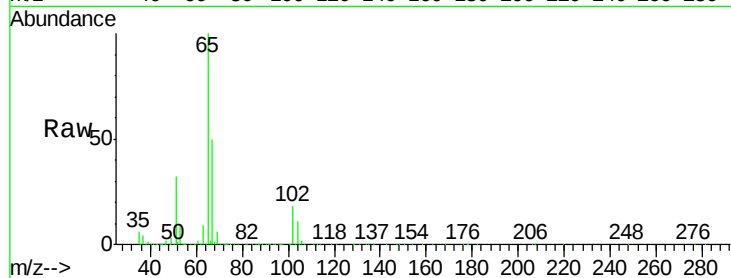
ClientSampled :

VSTDCCC050

Manual Integrations
APPROVED

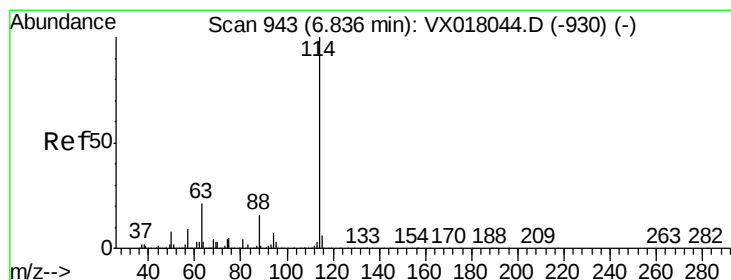
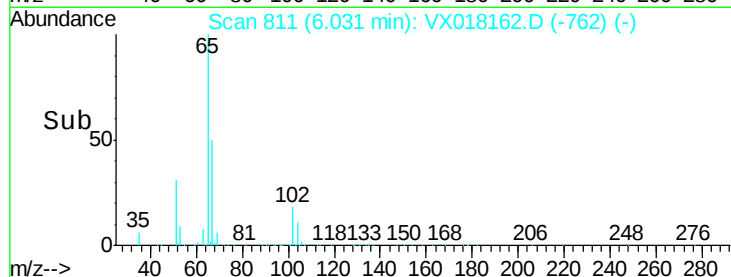
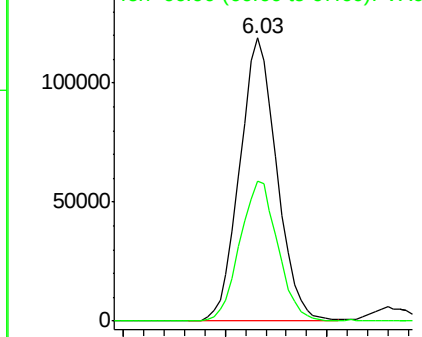
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

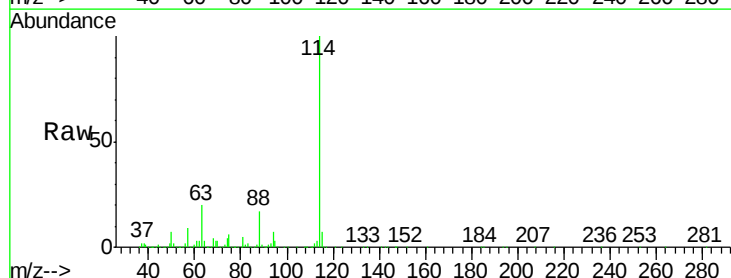
Tgt Ion: 114 Resp: 701119

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

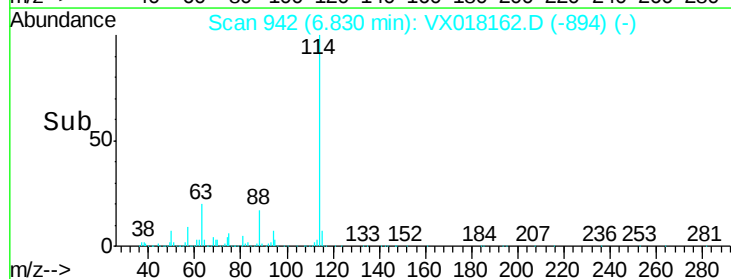
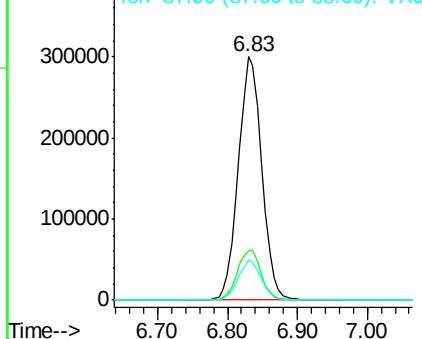
88 16.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





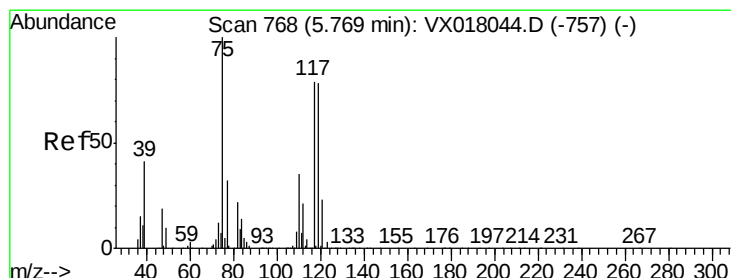
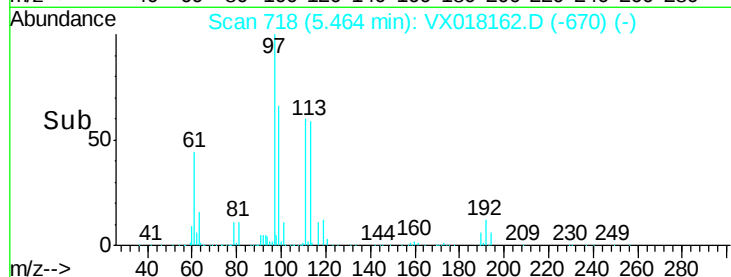
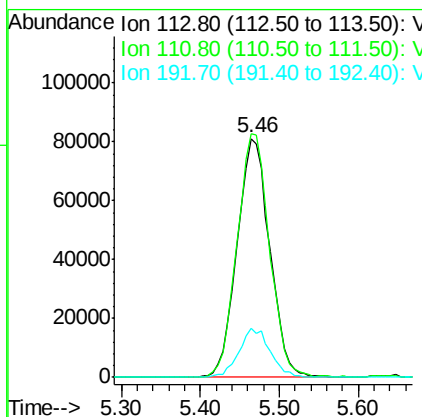
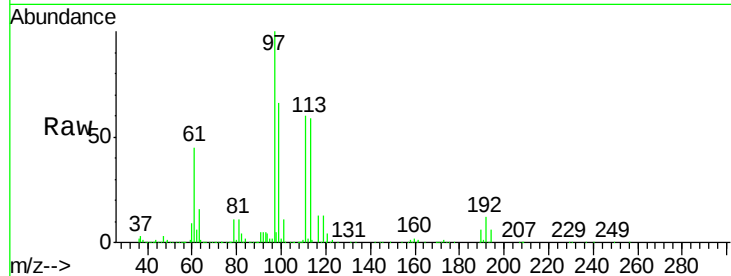
#35
Dibromofluoromethane
Concen: 48.978 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233867		
111	101.4	81.6	122.4	
192	19.6	15.8	23.8	

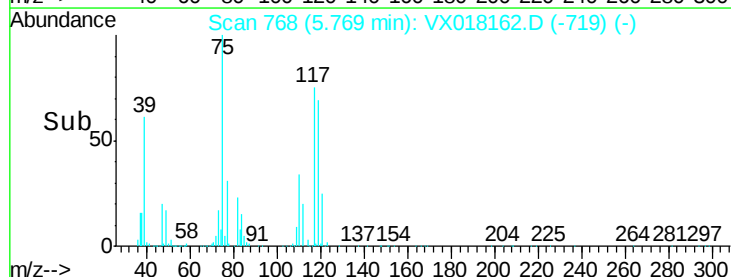
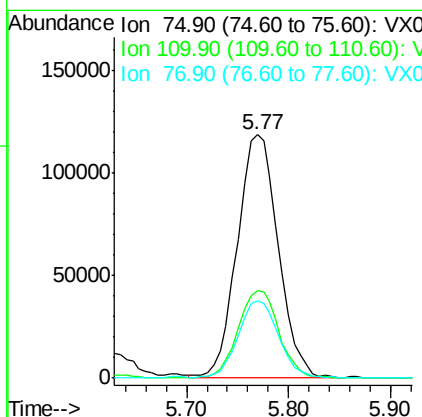
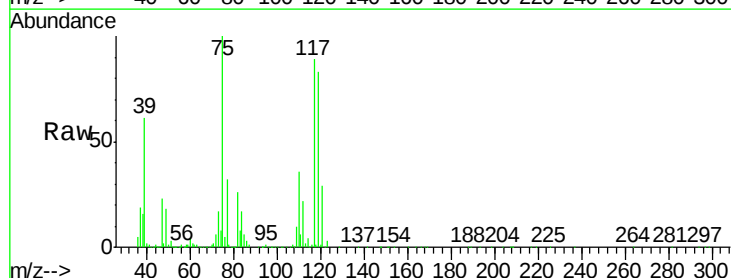
Manual Integrations
APPROVED

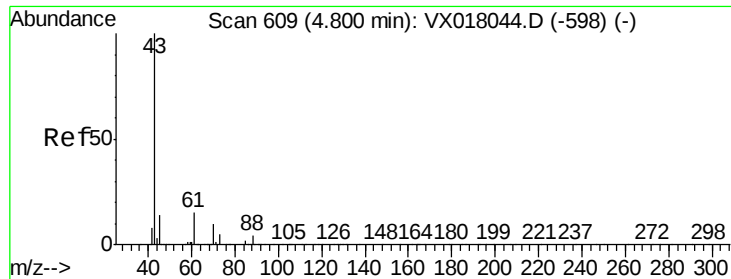
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#36
1,1-Dichloropropene
Concen: 50.882 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	329038		
110	36.2	18.0	54.0	
77	31.1	24.4	36.6	





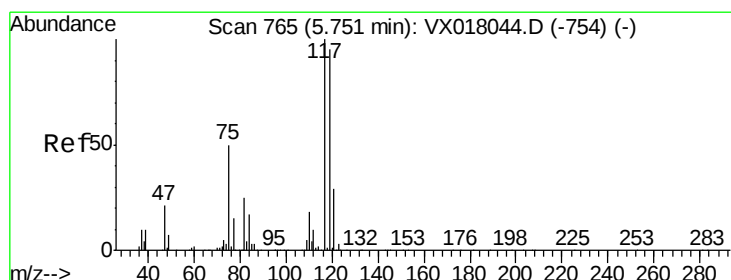
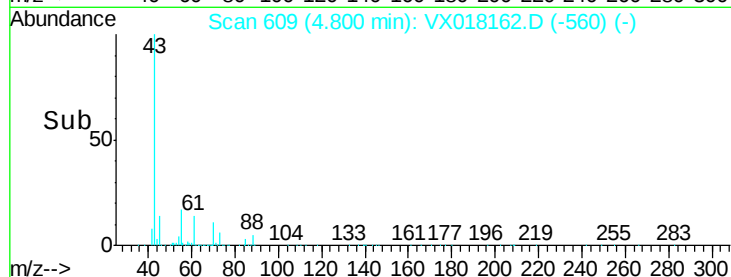
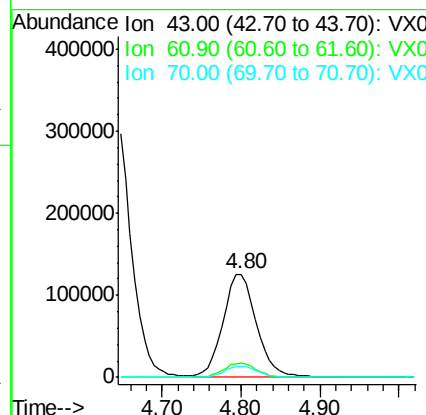
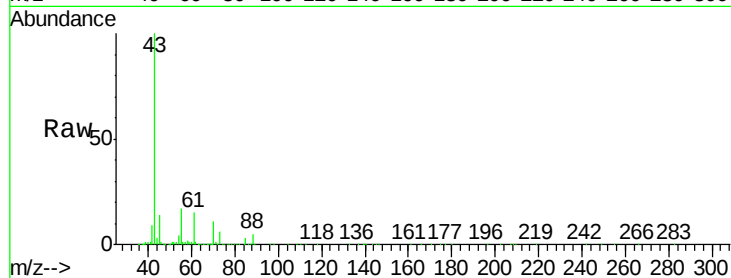
#37
Ethyl Acetate
Concen: 48.568 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.7	8.2	12.4

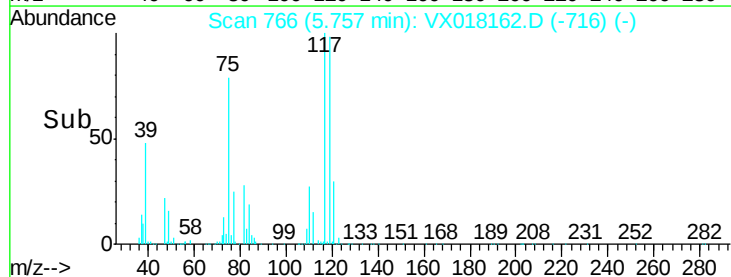
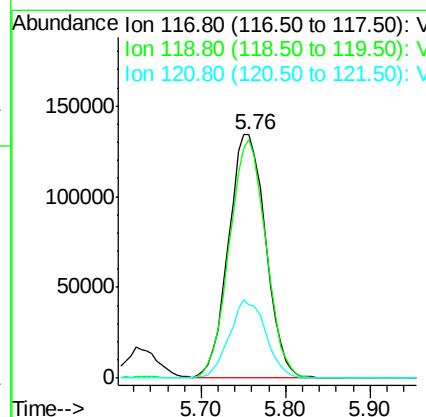
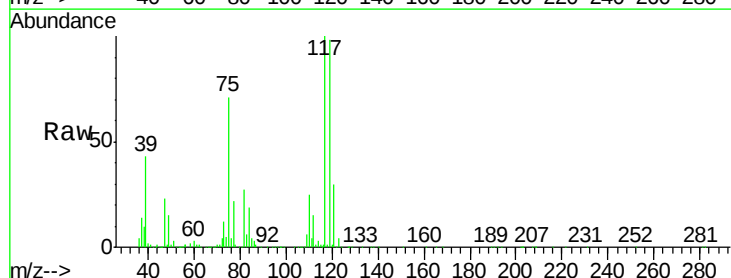
Manual Integrations
APPROVED

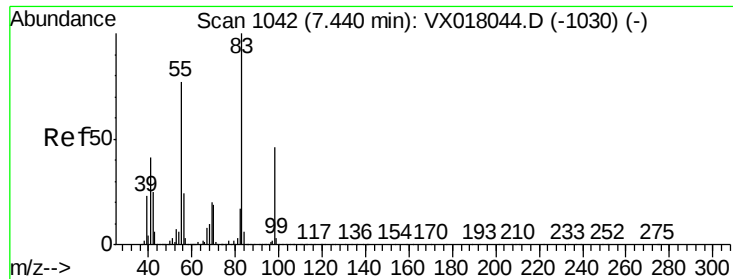
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#38
Carbon Tetrachloride
Concen: 55.248 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.6
121	30.1	23.4	35.0





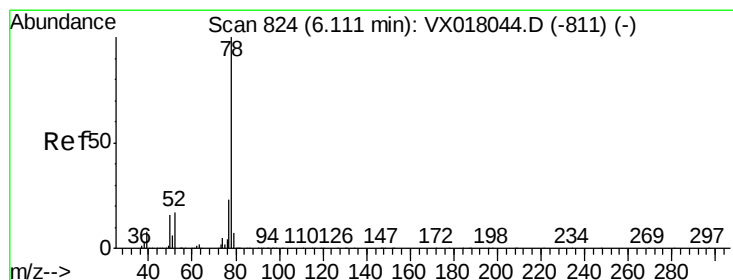
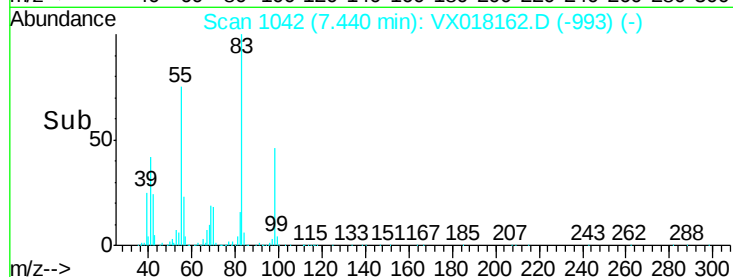
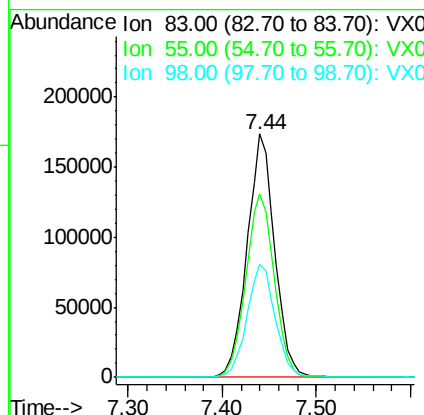
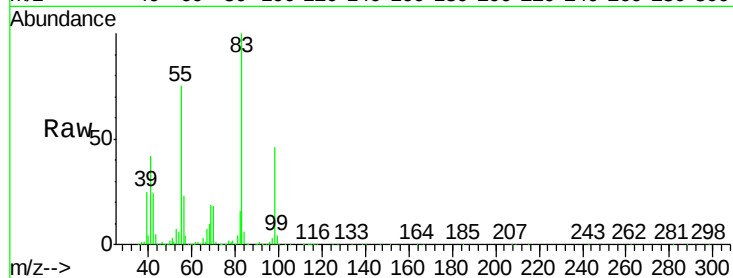
#39
Methylvlcyclohexane
Concen: 50.405 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.8	92.6
98	46.2	36.6	55.0

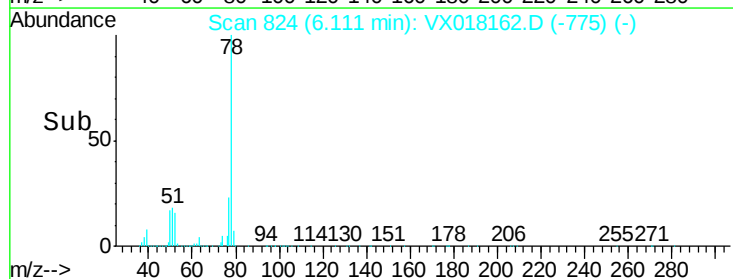
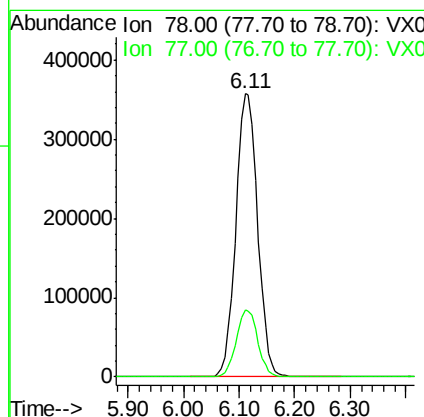
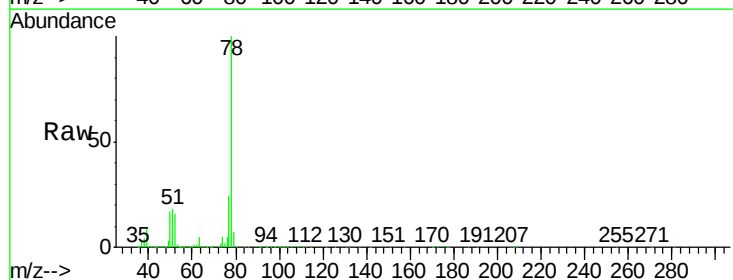
Manual Integrations
APPROVED

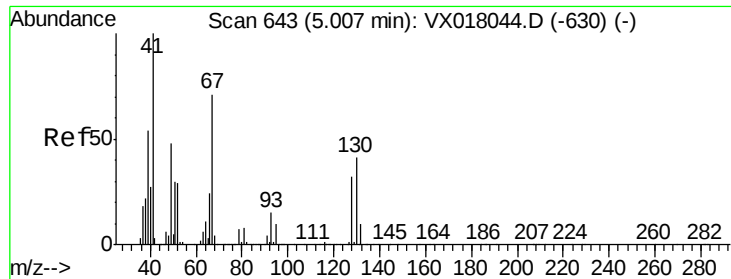
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#40
Benzene
Concen: 50.728 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2





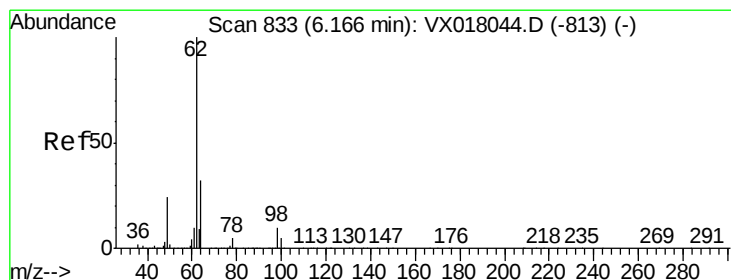
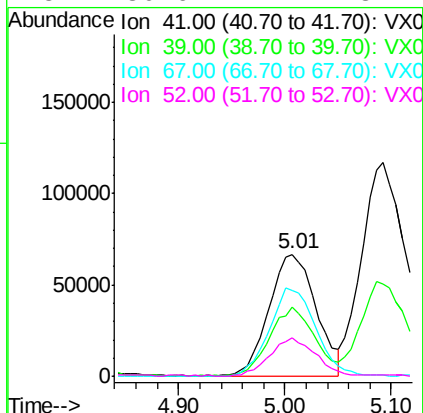
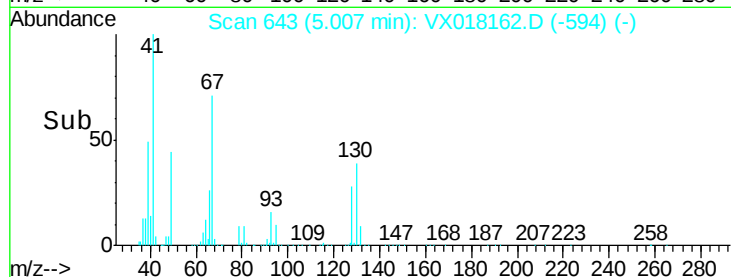
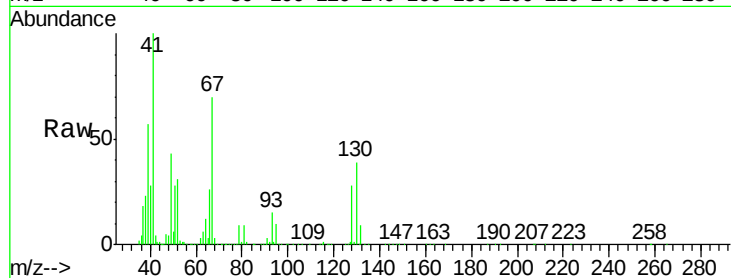
#41
Methacrylonitrile
Concen: 49.854 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		205596		
39	54.1	43.1	64.7		
67	70.7	56.0	84.0		
52	30.6	22.7	34.1		

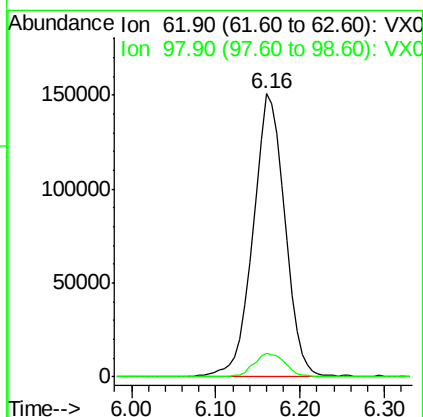
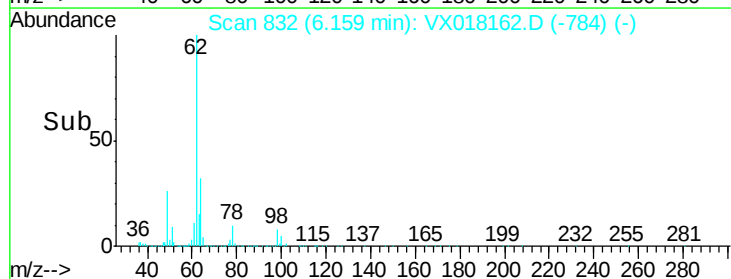
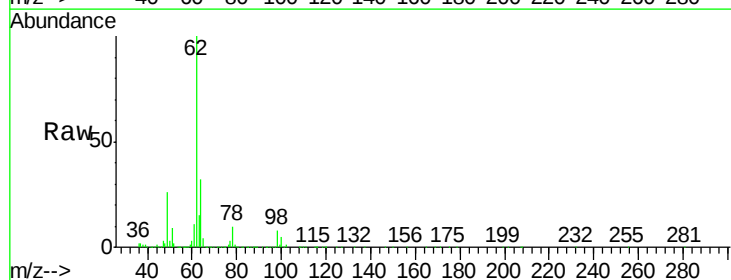
Manual Integrations
APPROVED

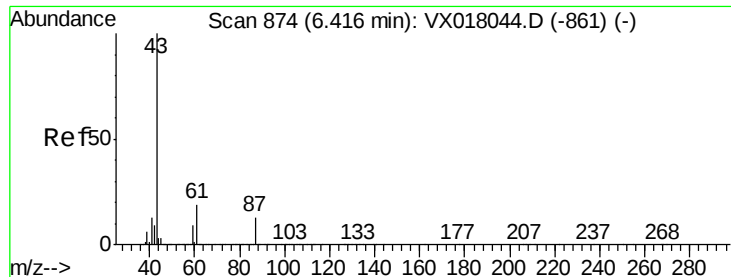
MMDadoda
9/1/2020 9:08:14 AM



#42
1,2-Dichloroethane
Concen: 53.350 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		388402		
98	8.5	0.0	18.2		





#43

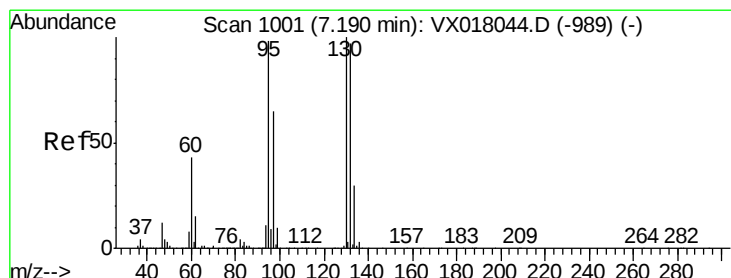
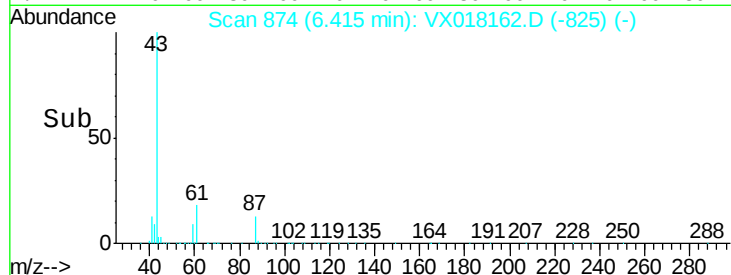
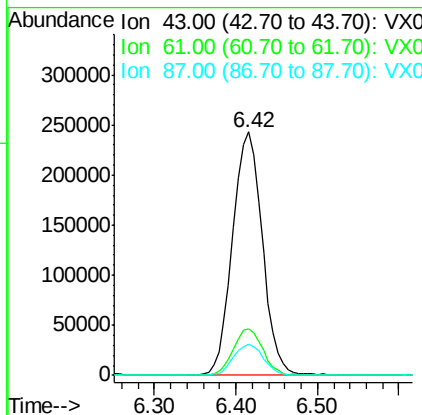
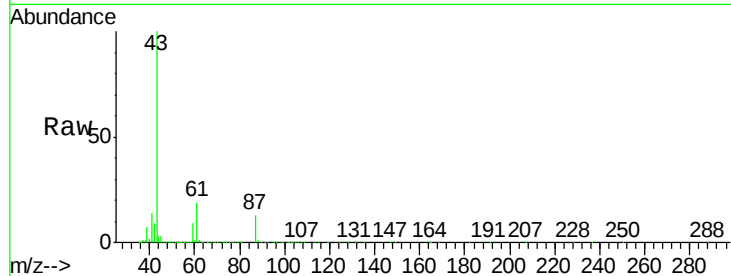
Isopropyl Acetate
 Concen: 50.284 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	12.9	10.3	15.5

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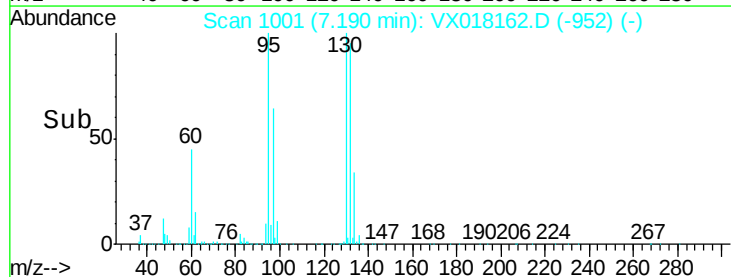
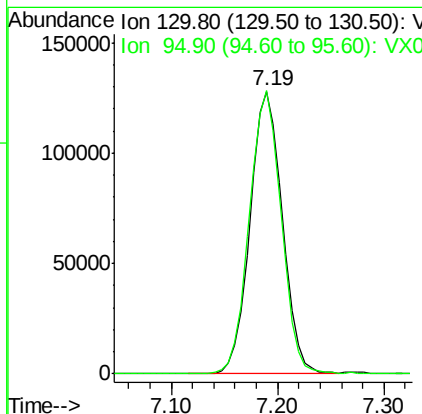
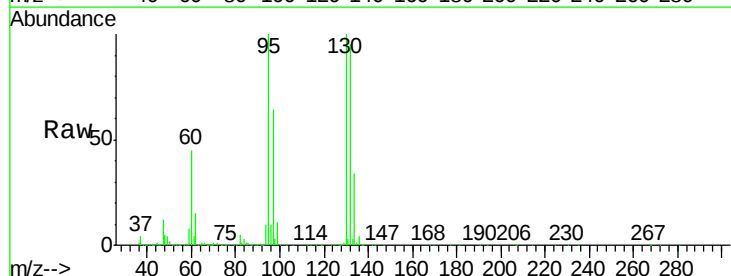
MMDadoda
 9/1/2020 9:08:14 AM



#44

Trichloroethene
 Concen: 50.779 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	196.4





#45

1,2-Dichloropropane

Concen: 51.063 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 261508

Ion Ratio Lower Upper

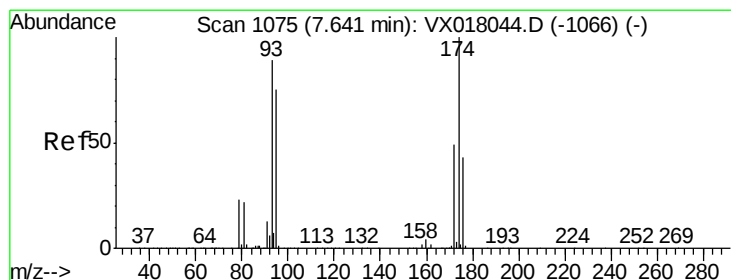
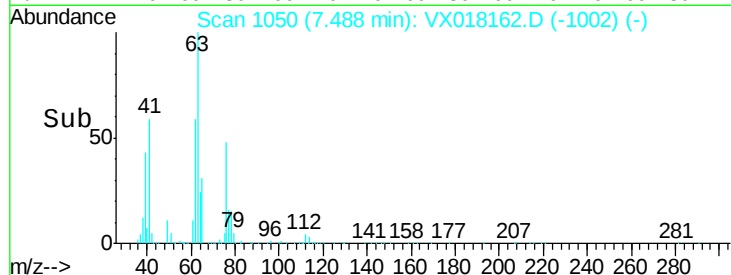
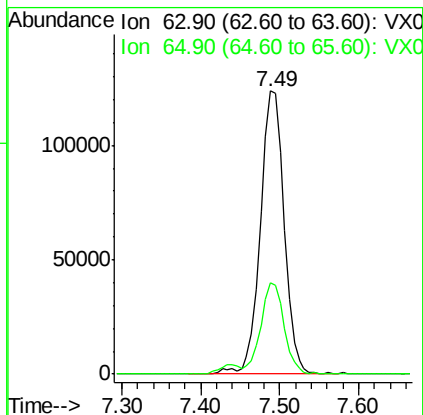
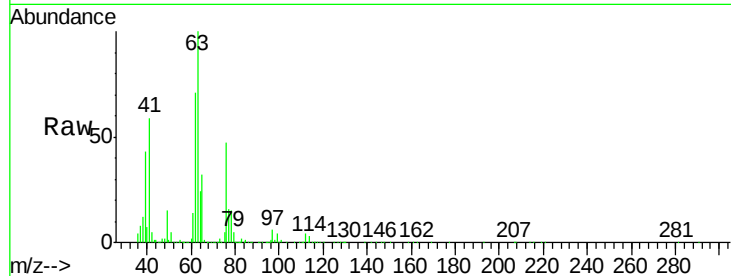
63 100

65 32.1 25.7 38.5

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#46

Dibromomethane

Concen: 50.431 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

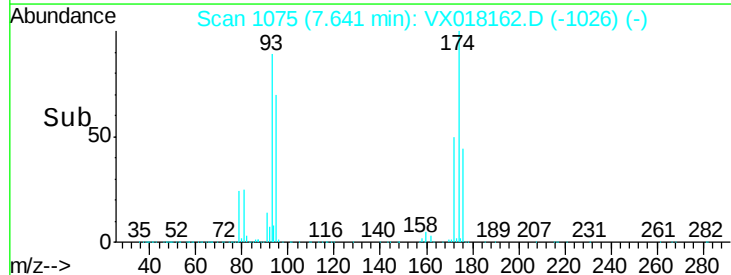
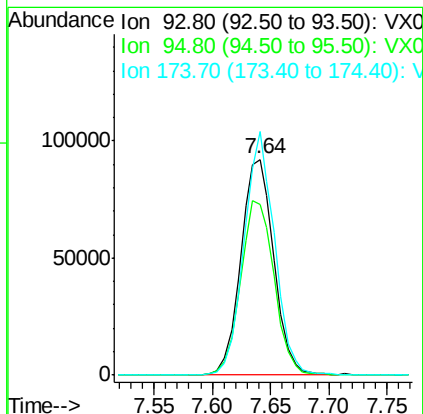
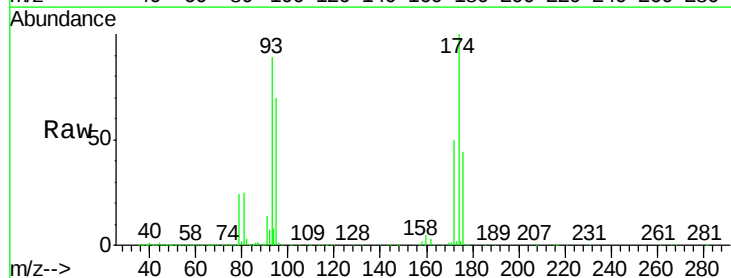
Tgt Ion: 93 Resp: 181620

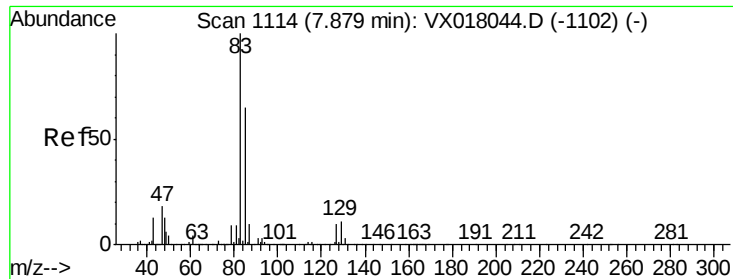
Ion Ratio Lower Upper

93 100

95 82.3 67.3 100.9

174 104.6 82.2 123.2





#47

Bromodichloromethane

Concen: 54.319 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

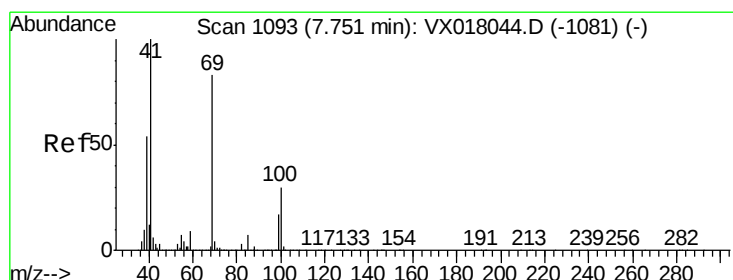
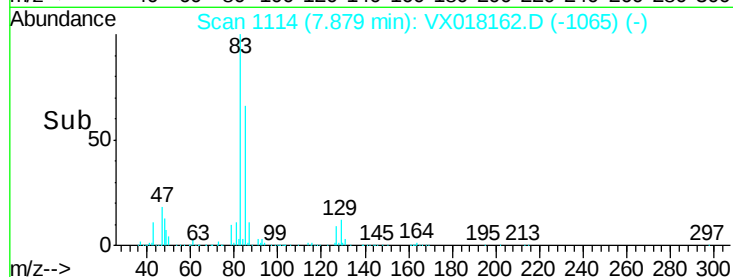
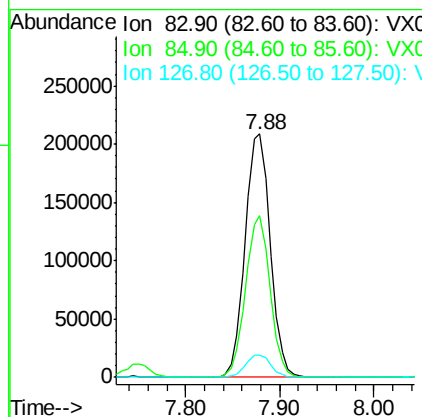
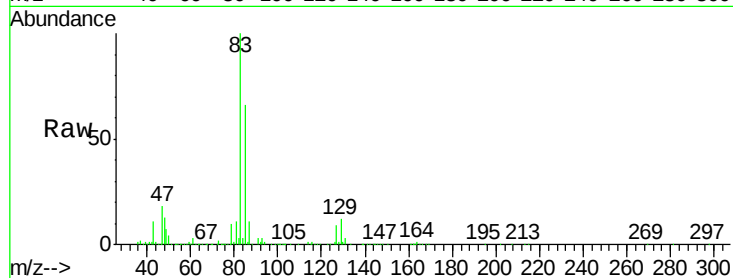
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	390599
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.8	77.6
127	9.1	7.7	11.5

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#48

Methyl methacrylate

Concen: 50.498 ug/l

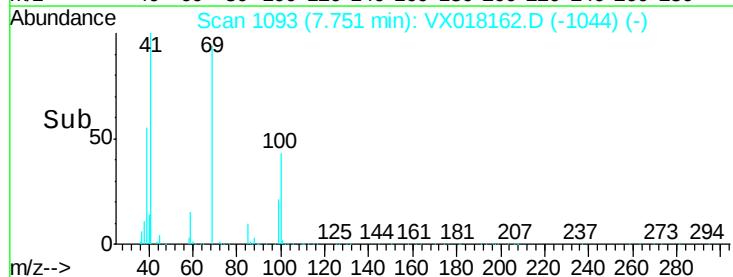
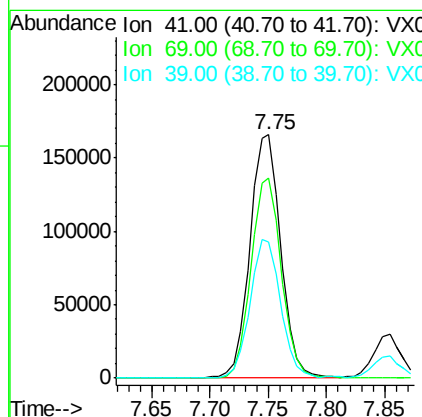
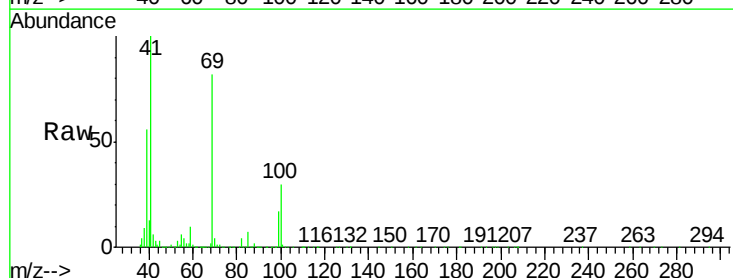
RT: 7.75 min Scan# 1093

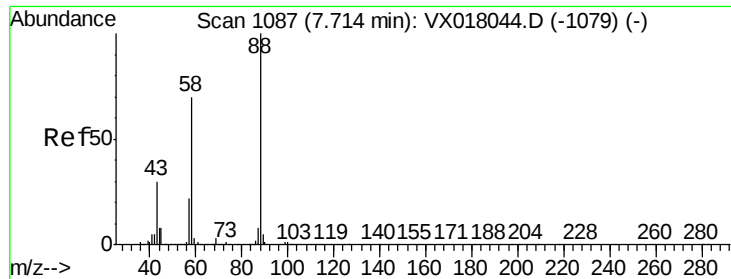
Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	41	Resp:	304962
Ion Ratio	Lower	Upper	
41	100		
69	82.2	65.5	98.3
39	57.3	44.5	66.7





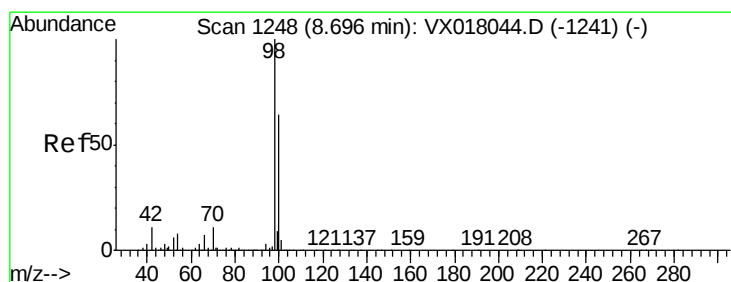
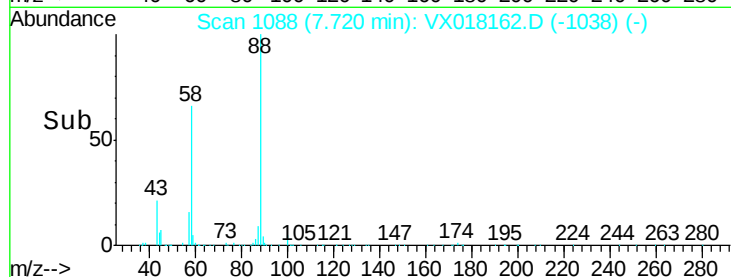
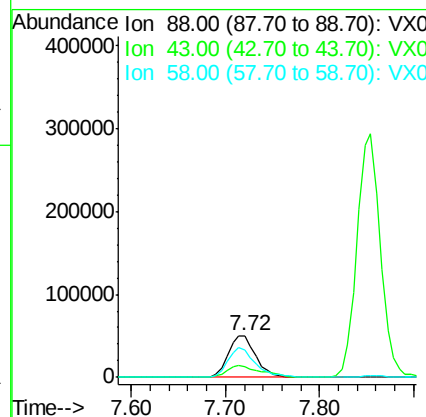
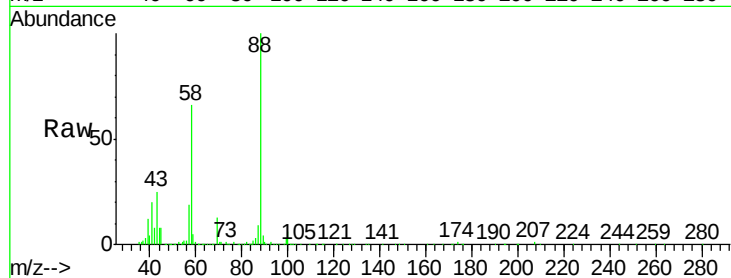
#49
1,4-Dioxane
Concen: 933.471 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	102114		
43	36.0		27.4	41.0
58	71.2		56.4	84.6

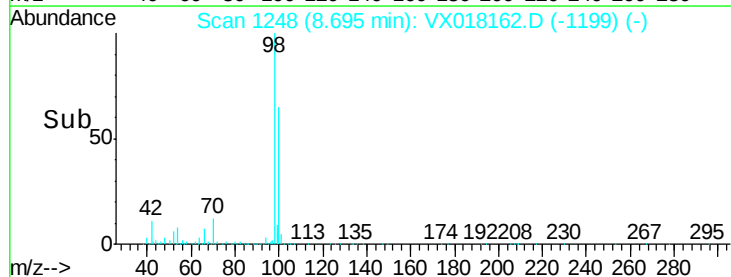
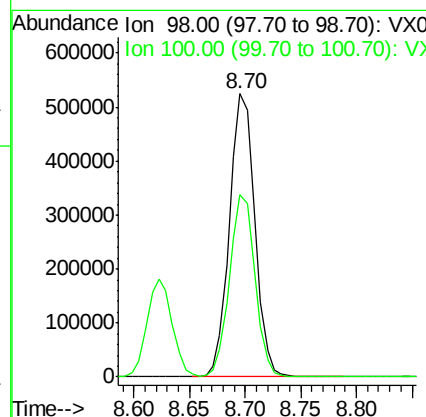
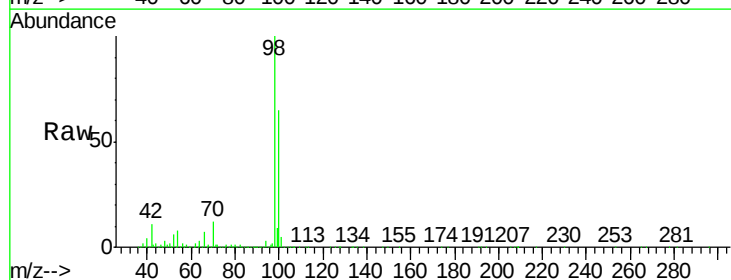
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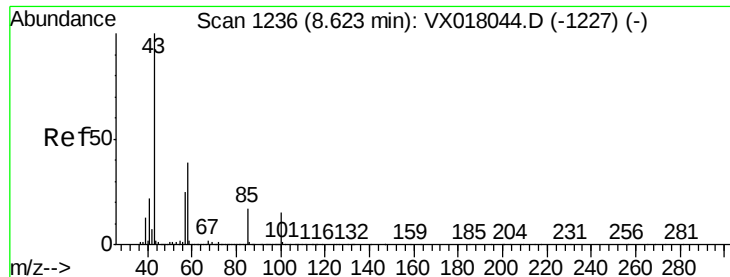
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#50
Toluene-d8
Concen: 46.712 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	830758		
100	64.4		52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 254.298 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1905600

Ion Ratio Lower Upper

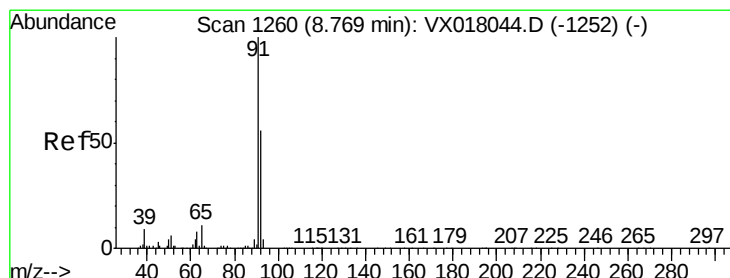
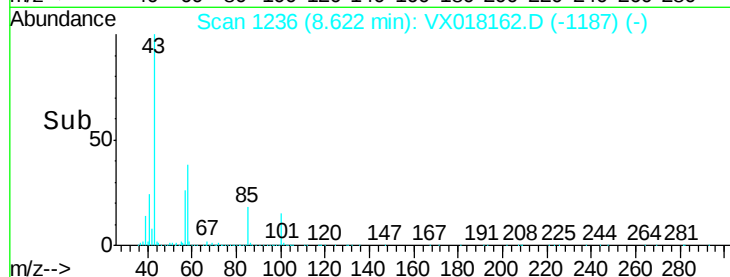
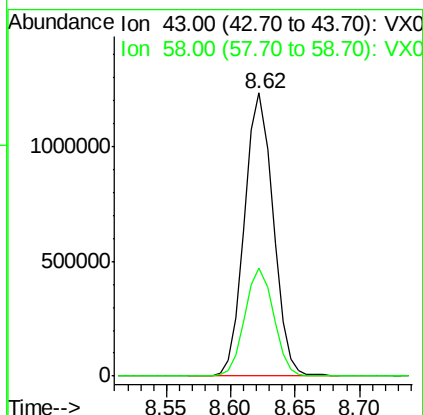
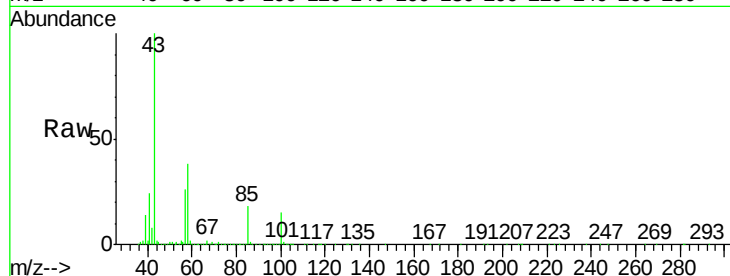
43 100

58 38.3 30.7 46.1

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#52

Toluene

Concen: 50.701 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018162.D

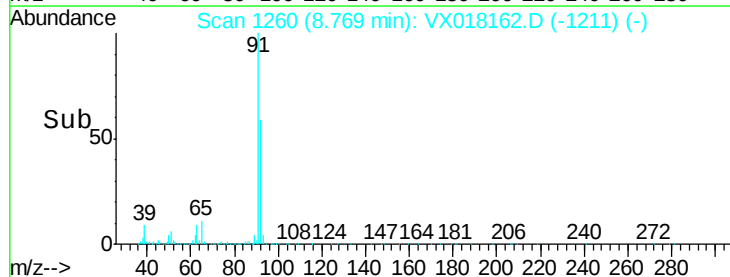
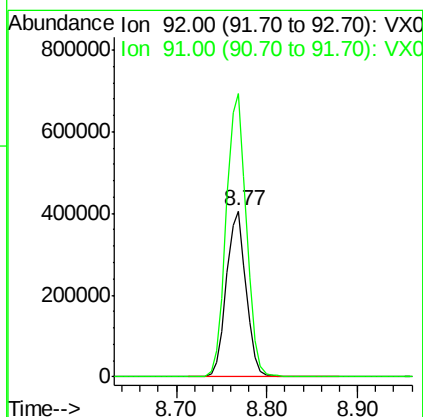
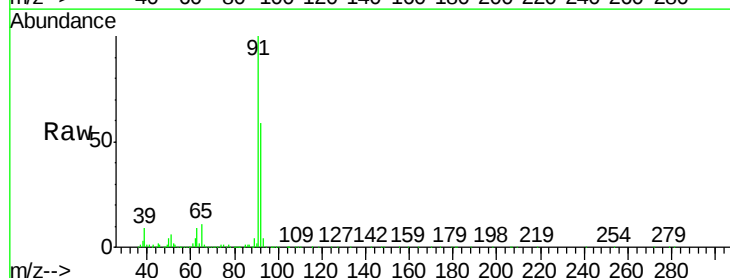
Acq: 31 Aug 2020 21:13

Tgt Ion: 92 Resp: 610899

Ion Ratio Lower Upper

92 100

91 175.1 140.3 210.5





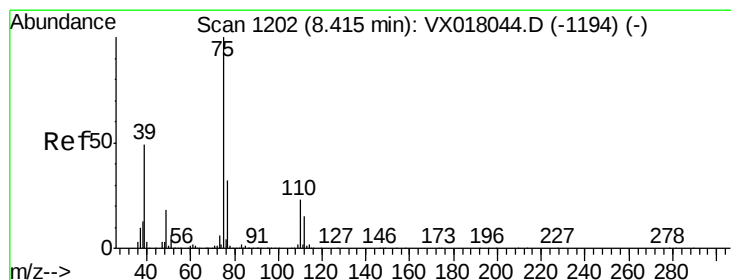
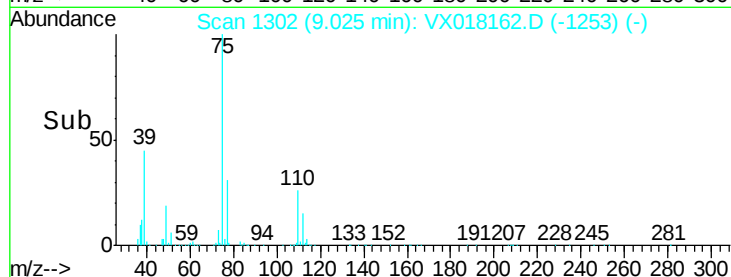
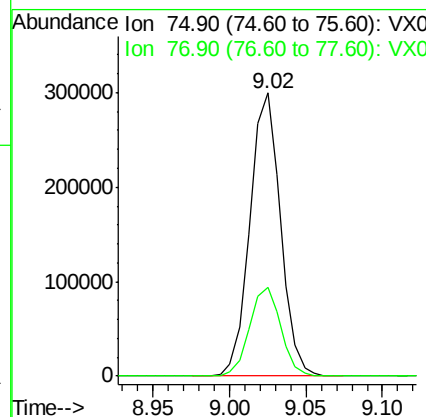
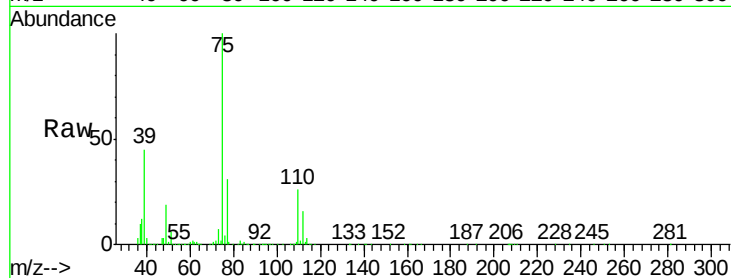
#53
t-1,3-Dichloropropene
Concen: 52.228 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.6	39.8

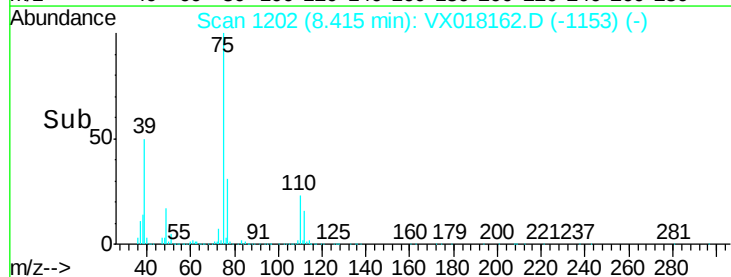
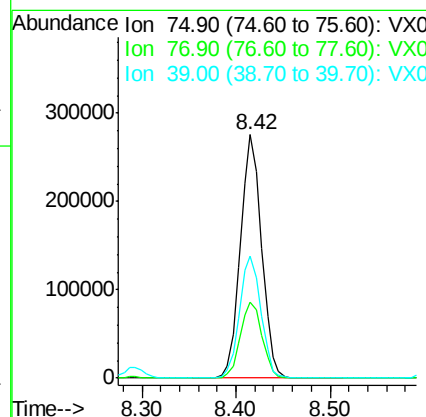
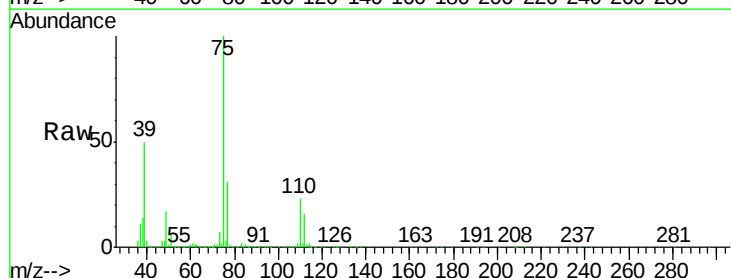
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#54
cis-1,3-Dichloropropene
Concen: 51.060 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.8
39	49.9	38.8	58.2





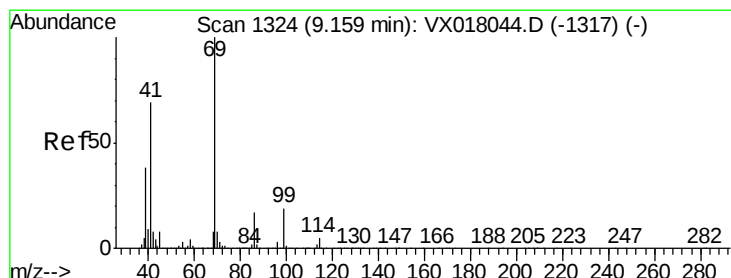
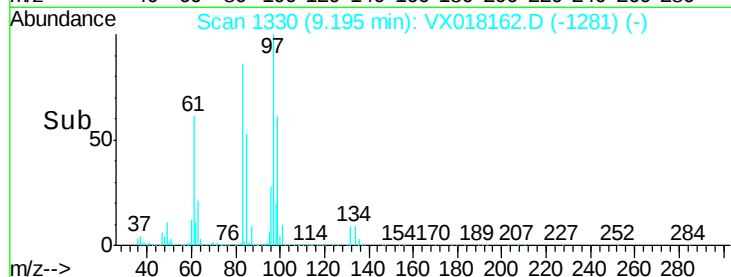
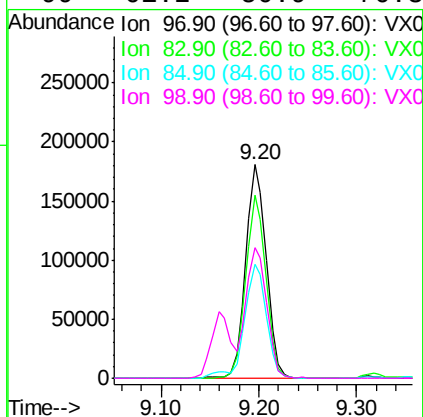
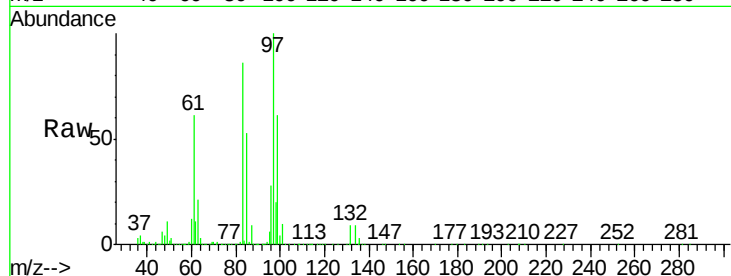
#55
 1,1,2-Trichloroethane
 Concen: 51.406 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		264164		
83	85.8	67.8	101.6		
85	53.3	45.3	67.9		
99	61.2	50.9	76.3		

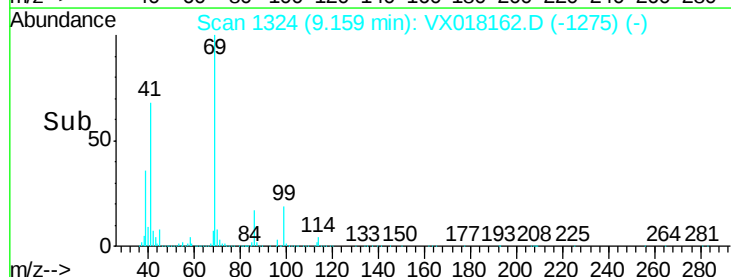
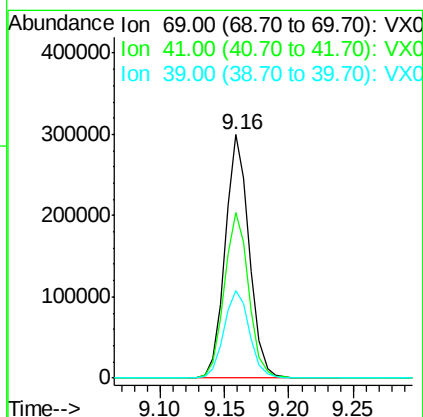
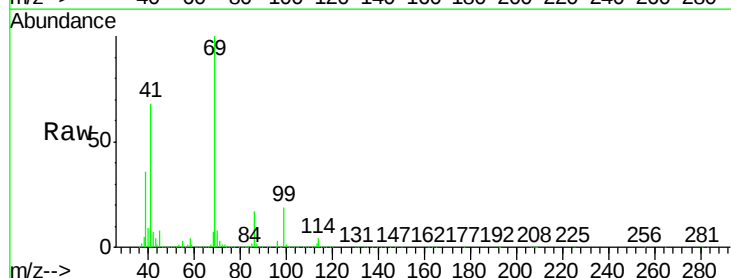
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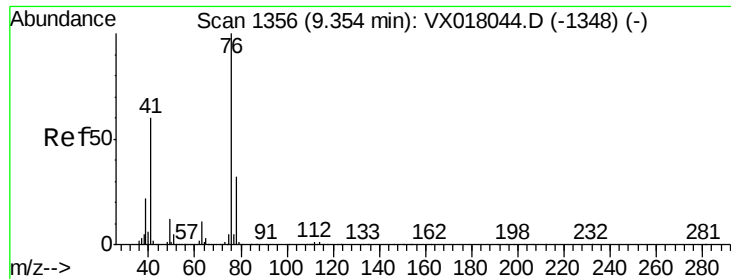
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#56
 Ethyl methacrylate
 Concen: 51.520 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		393583		
41	69.0	54.6	81.8		
39	38.0	29.1	43.7		





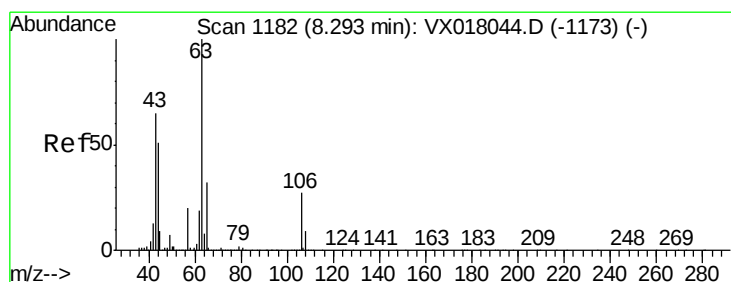
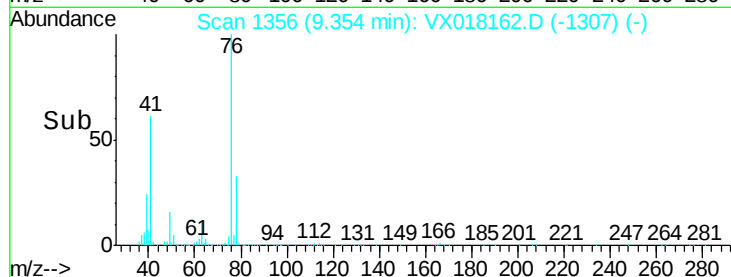
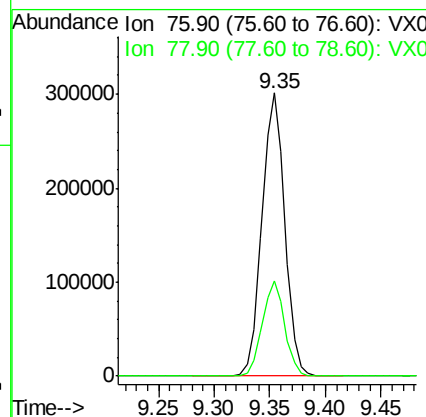
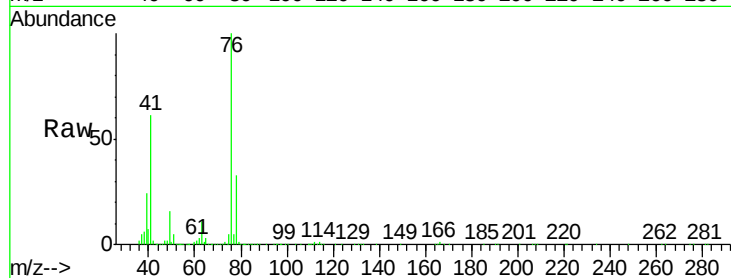
#57
 1,3-Dichloropropane
 Concen: 51.059 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.6

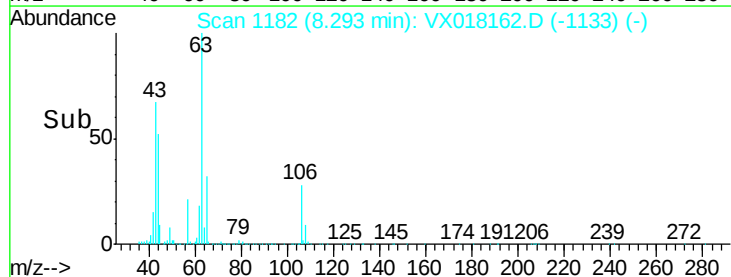
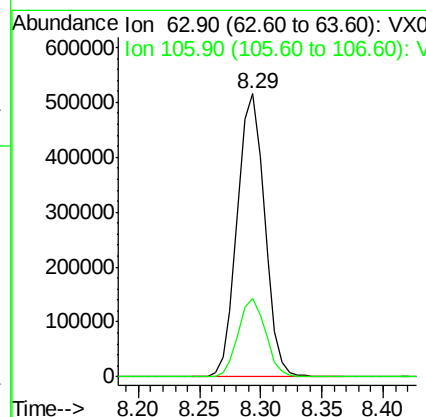
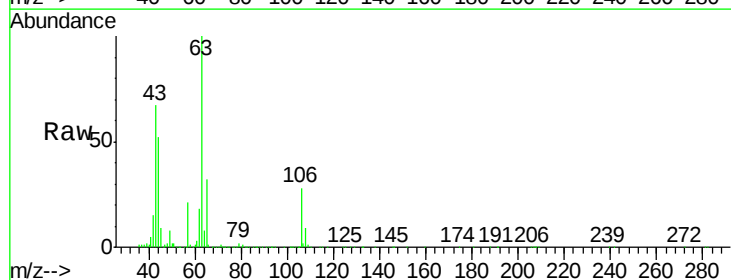
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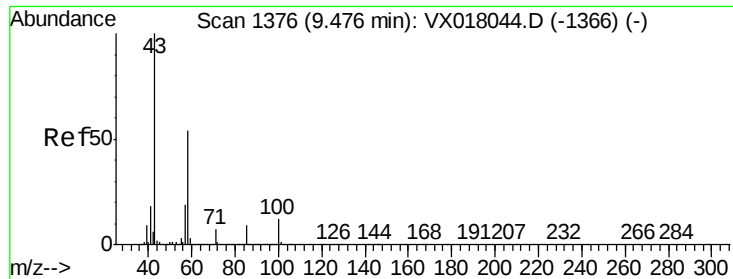
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#58
 2-Chloroethyl Vinyl ether
 Concen: 232.503 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.1	33.1





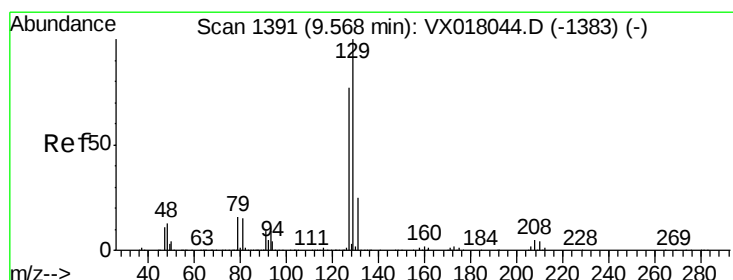
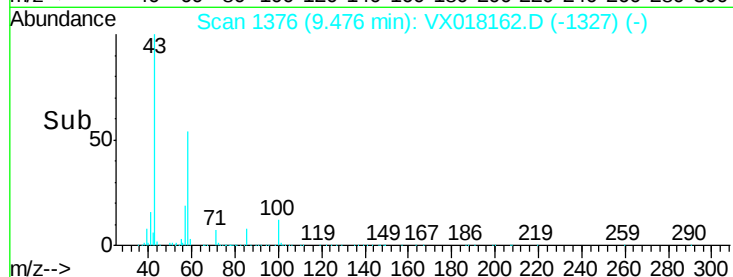
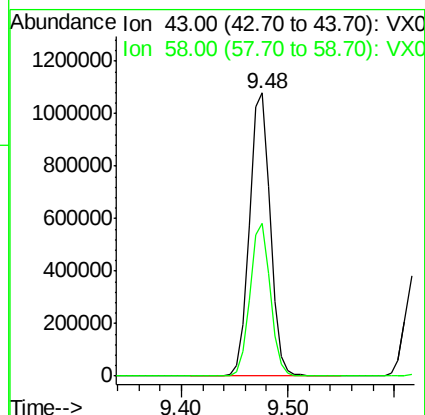
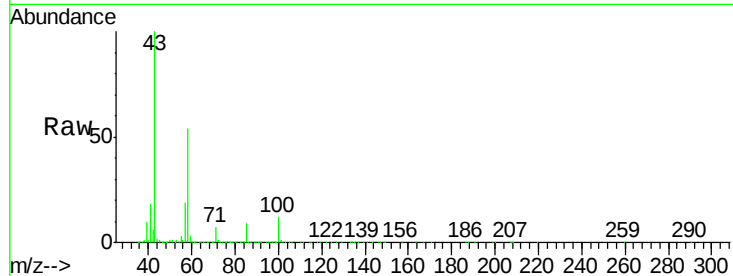
#59
2-Hexanone
Concen: 259.994 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1481446
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7

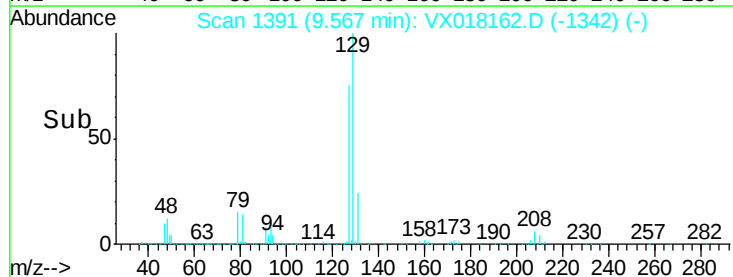
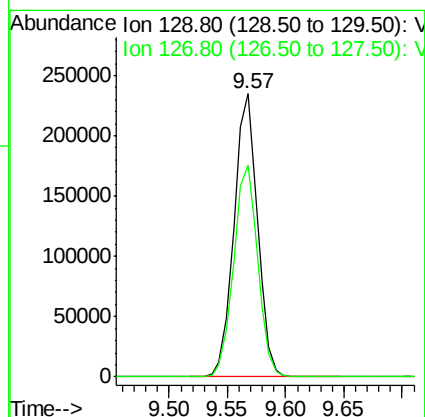
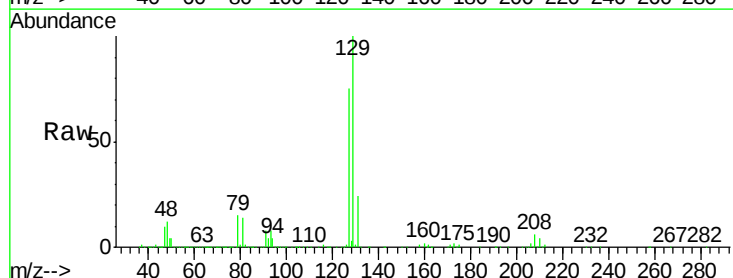
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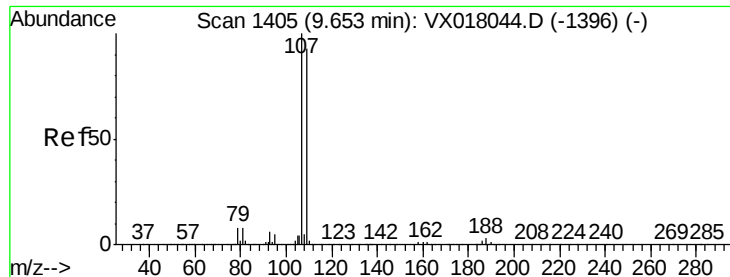
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9/1/2020 9:08:14 AM



#60
Dibromochloromethane
Concen: 55.114 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 129 Resp: 332245
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





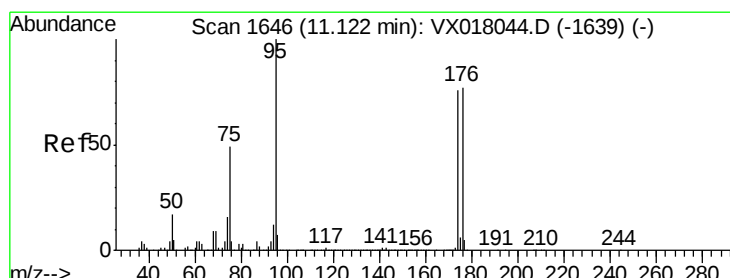
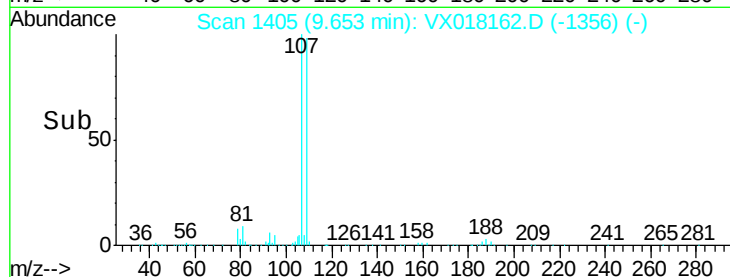
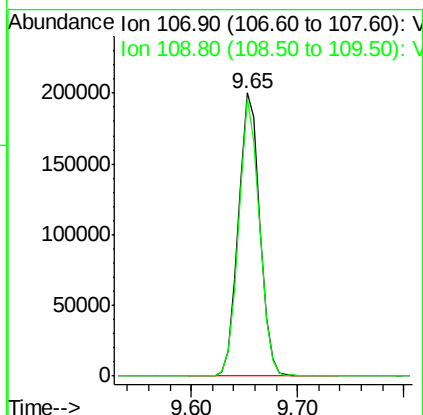
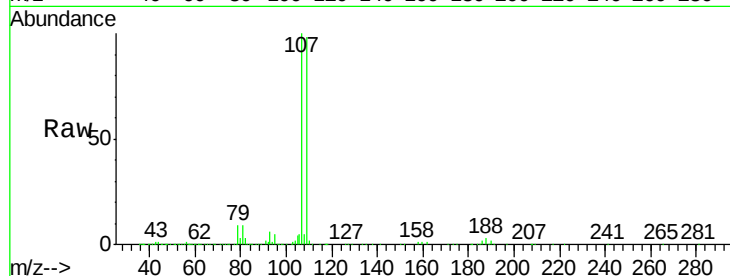
#61
 1,2-Dibromoethane
 Concen: 50.752 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.9	113.9

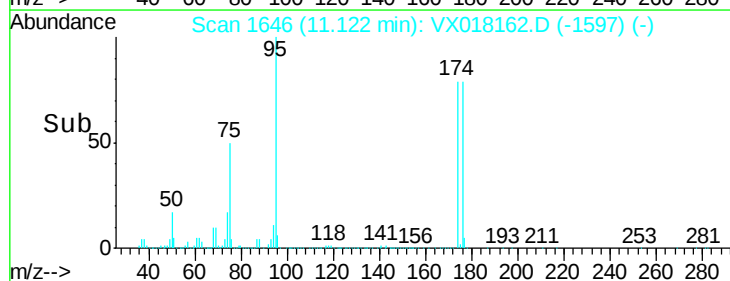
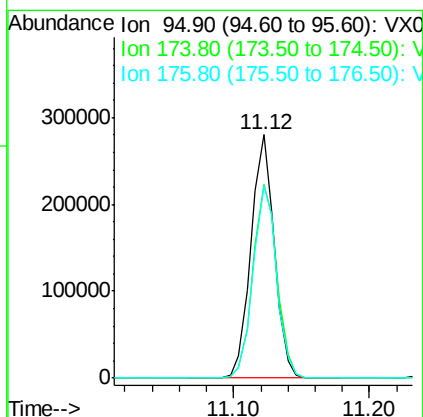
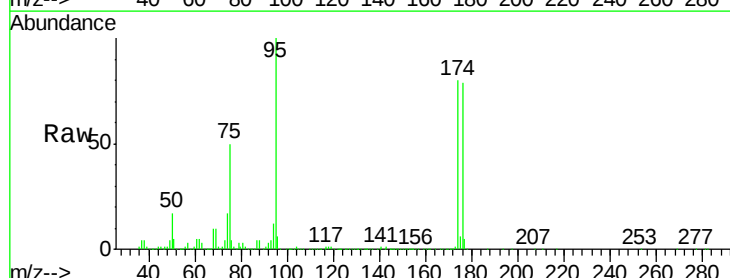
Manual Integrations
 APPROVED

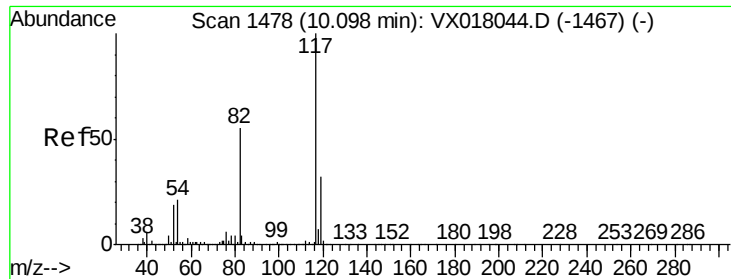
MMDadoda
 9/1/2020 9:08:14 AM



#62
 4-Bromofluorobenzene
 Concen: 48.343 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	160.2
176	79.5	0.0	155.8





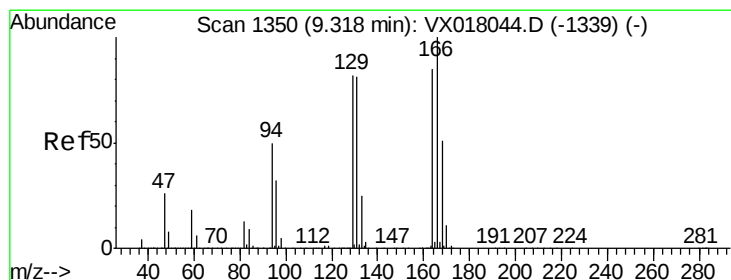
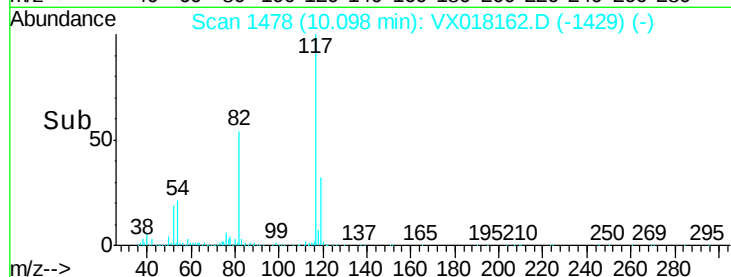
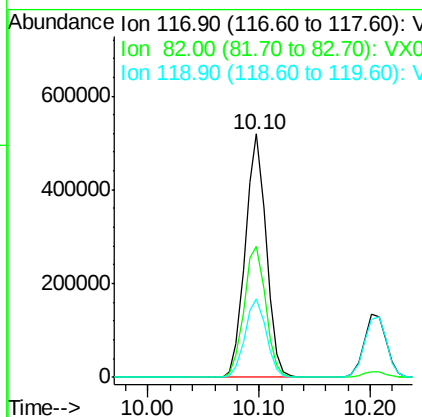
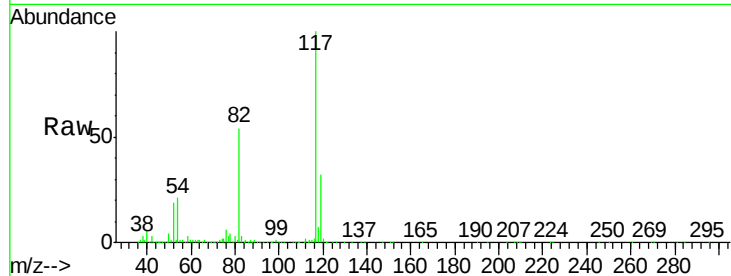
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	677418		
82	54.0		44.2	66.2
119	32.3		25.7	38.5

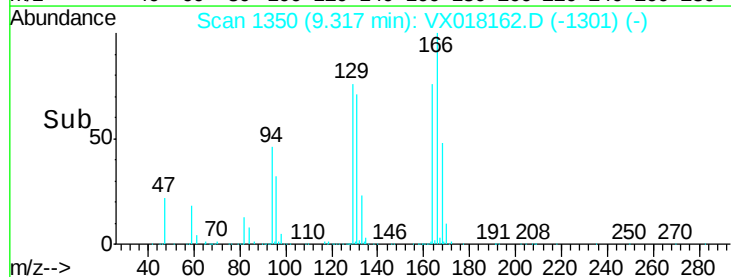
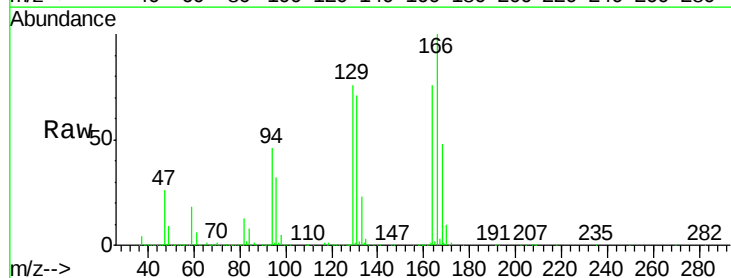
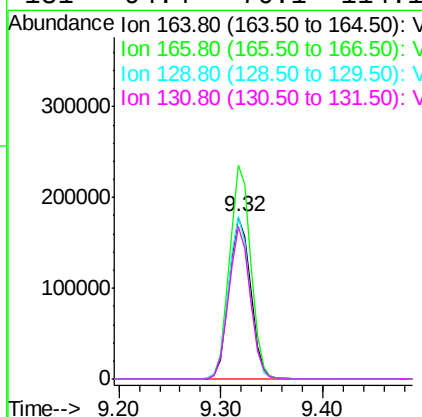
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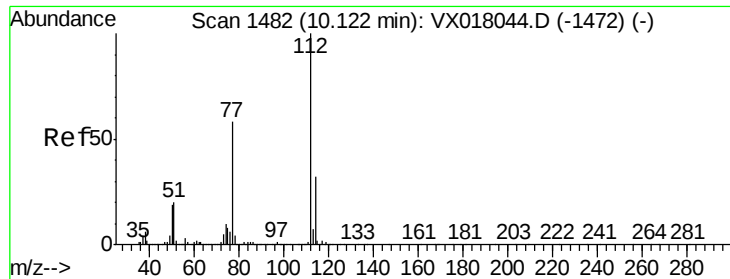
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#64
Tetrachloroethene
Concen: 52.320 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	260452		
166	132.4		94.2	141.2
129	100.8		76.9	115.3
131	94.4		76.1	114.1





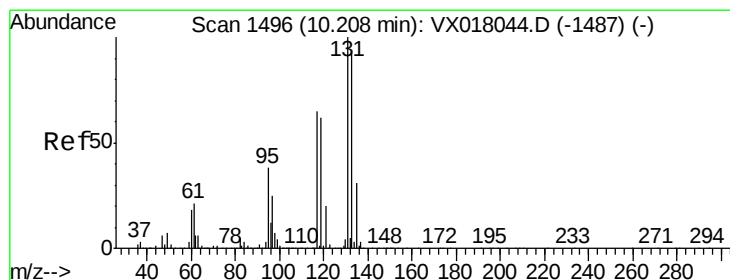
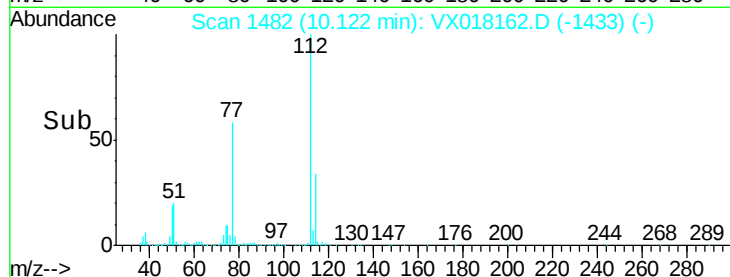
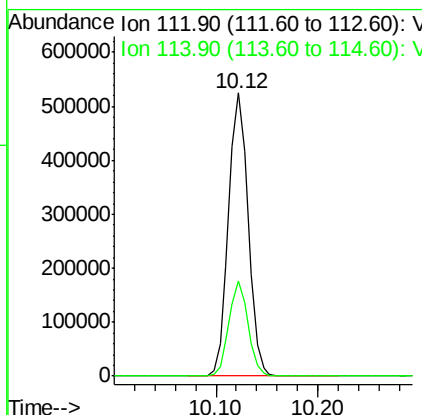
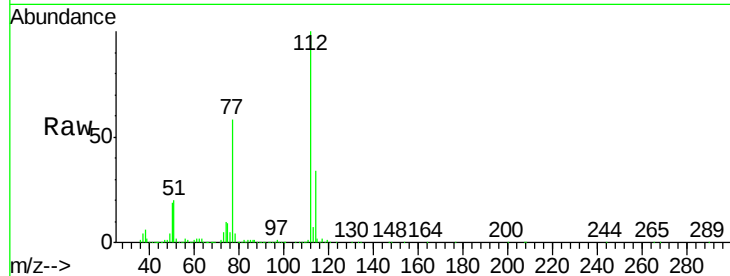
#65
Chlorobenzene
Concen: 51.800 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.7	38.5

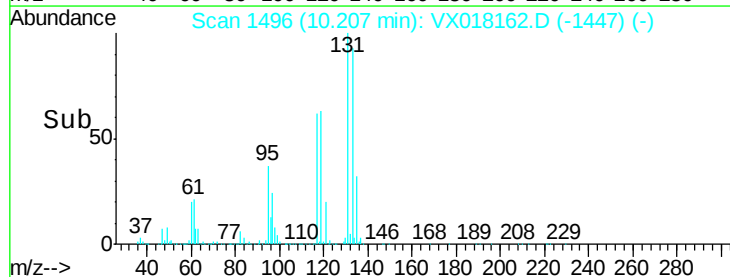
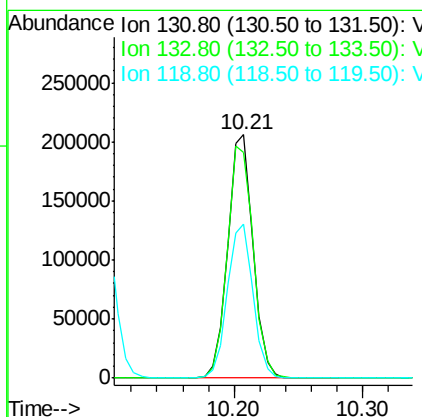
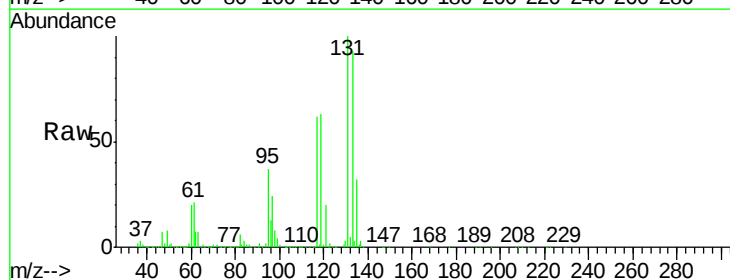
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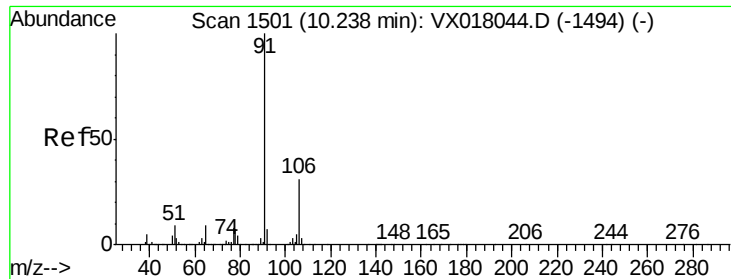
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.337 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	46.7	140.1
119	64.1	31.8	95.4





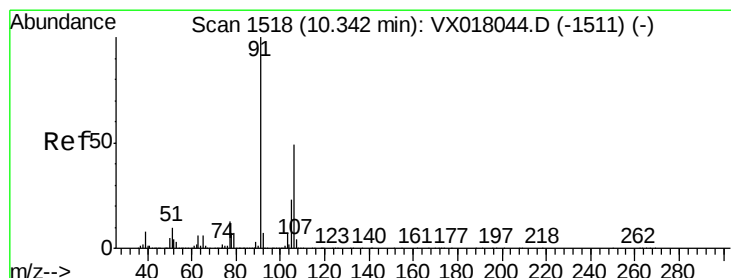
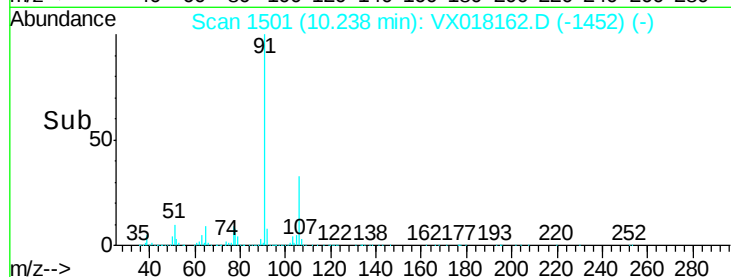
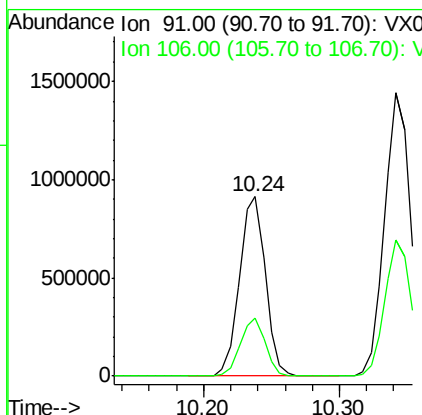
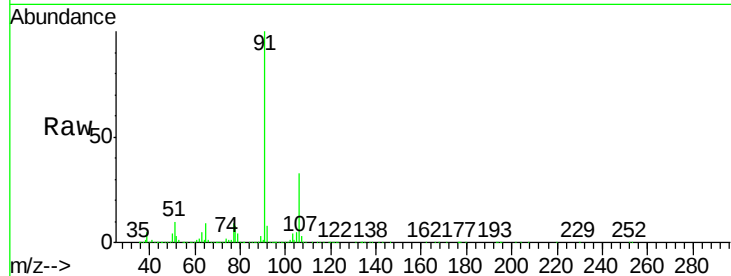
#67
Ethyl Benzene
Concen: 52.557 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1209243
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

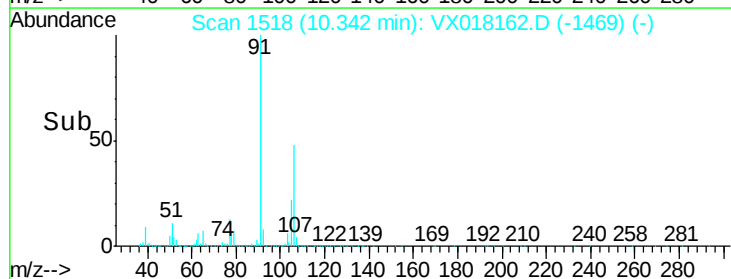
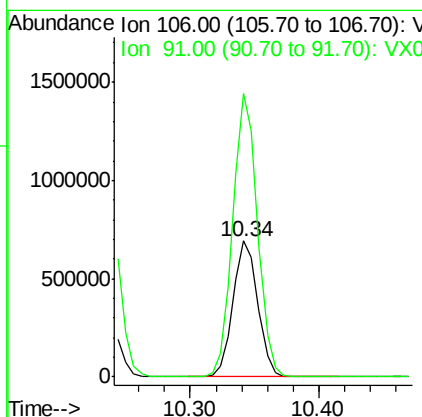
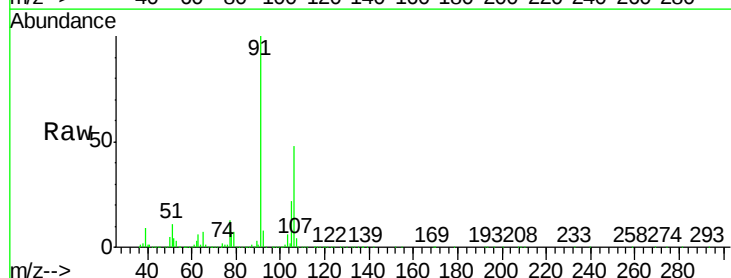
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#68
m/p-Xylenes
Concen: 108.219 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 106 Resp: 929357
Ion Ratio Lower Upper
106 100
91 207.5 162.2 243.2





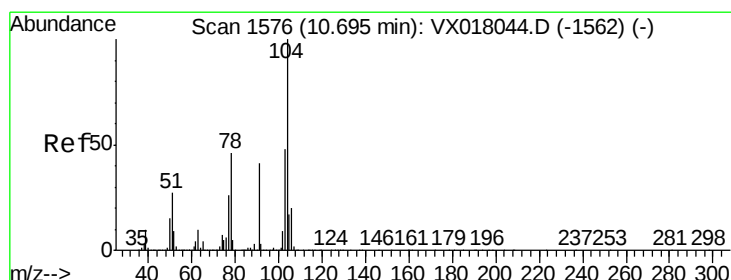
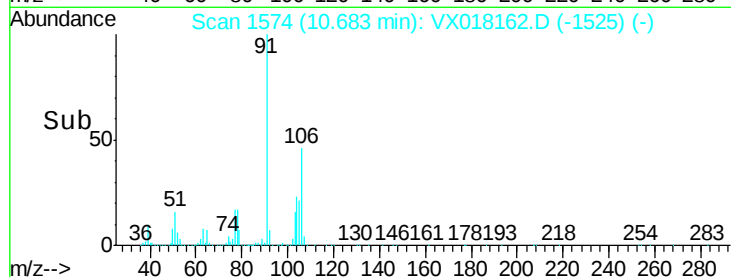
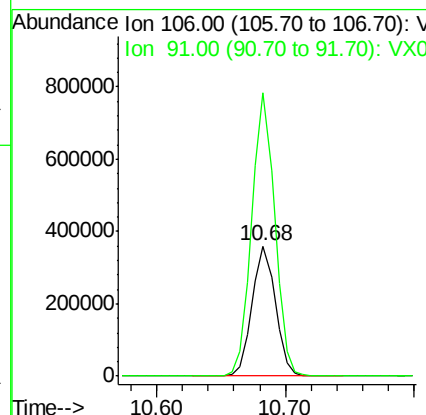
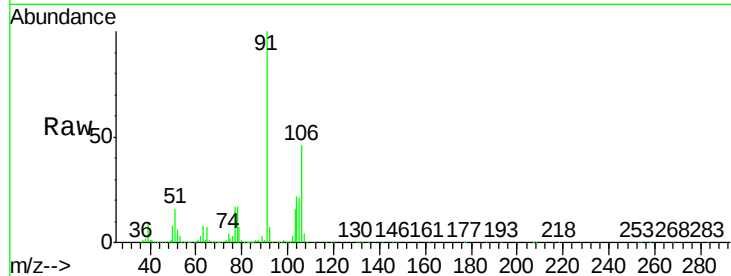
#69
o-Xylene
Concen: 53.410 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.8	107.1	321.3

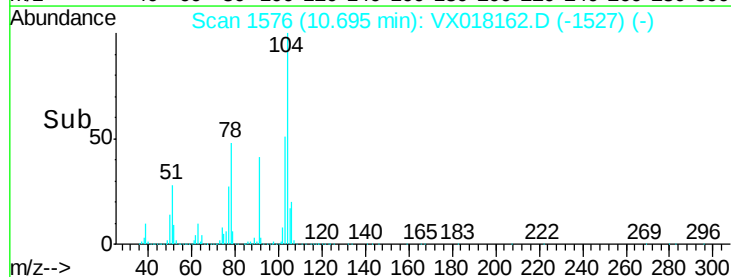
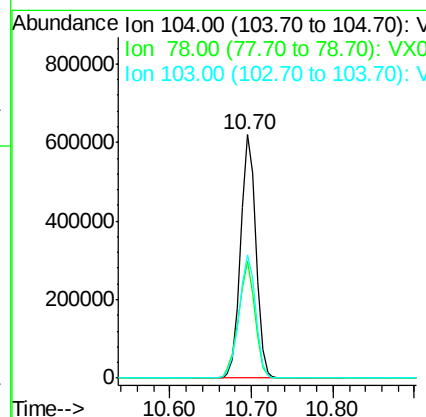
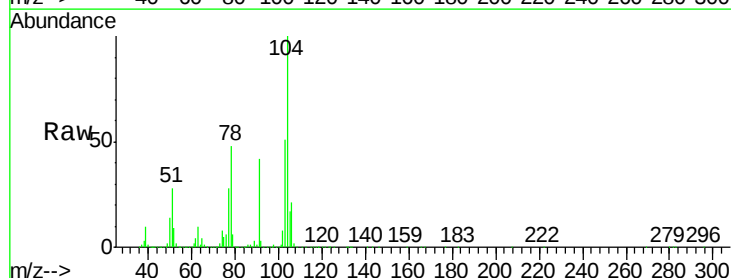
Manual Integrations
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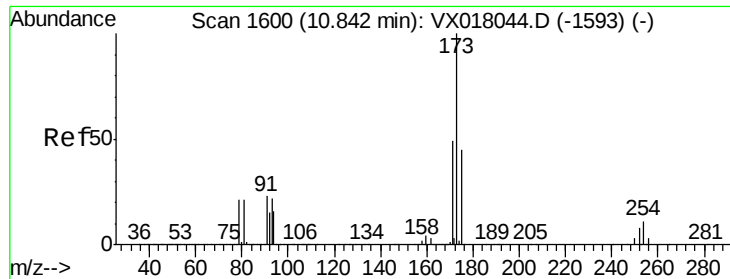
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#70
Styrene
Concen: 55.754 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.9	61.3
103	54.6	43.6	65.4





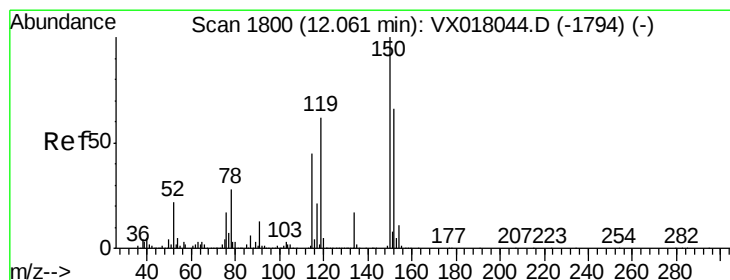
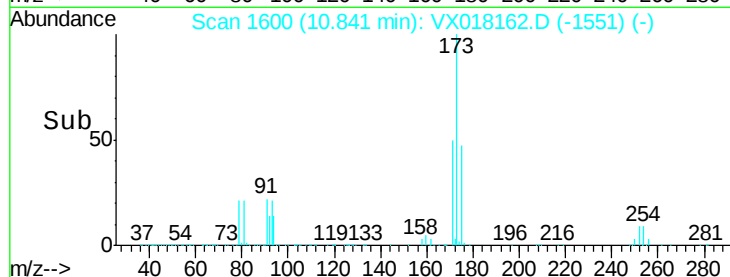
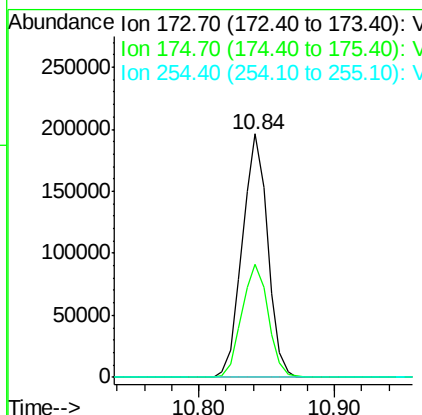
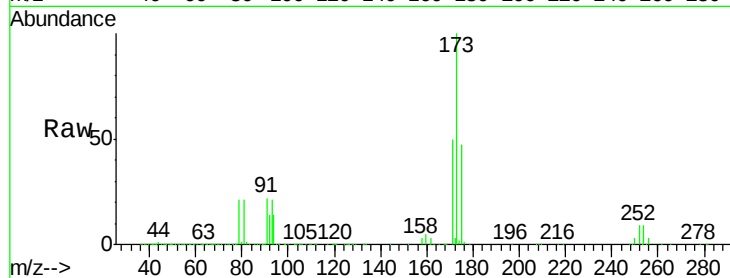
#71
Bromoform
Concen: 56.245 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.9	71.8
254	0.2	0.2	0.2

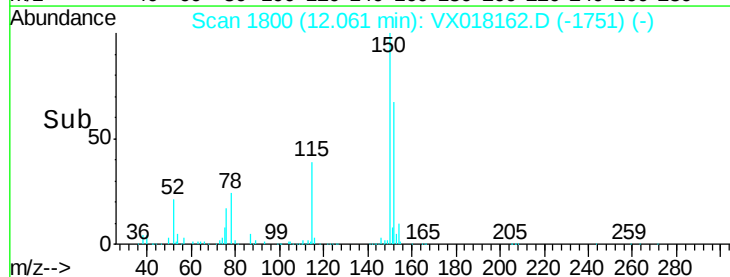
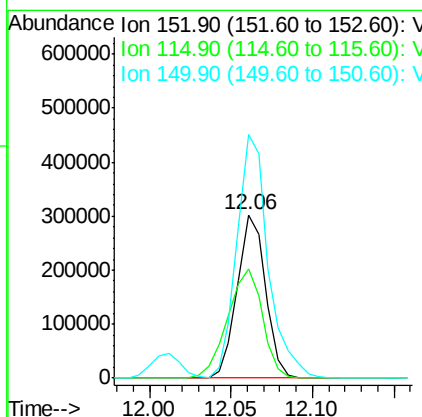
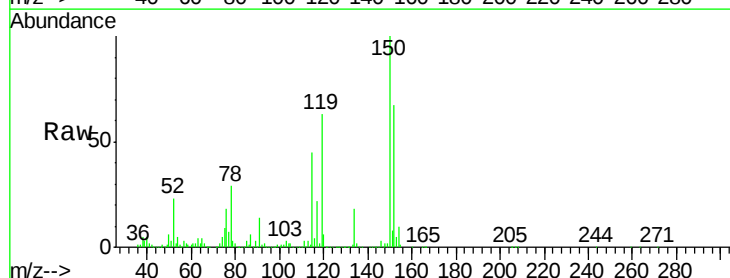
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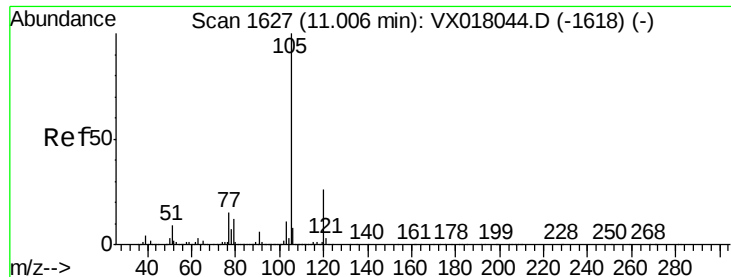
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.3	41.5	124.5
150	164.5	0.0	343.8





#73

Isopropylbenzene

Concen: 51.148 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 1238539

Ion Ratio Lower Upper

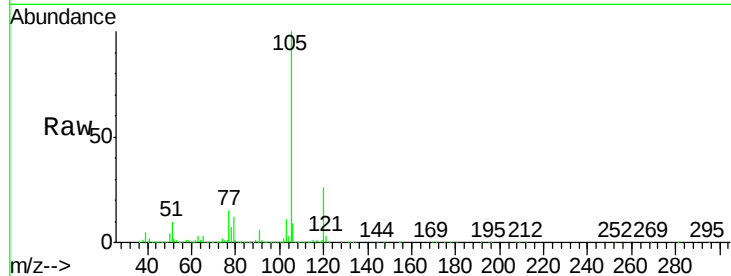
105 100

120 26.5 13.2 39.5

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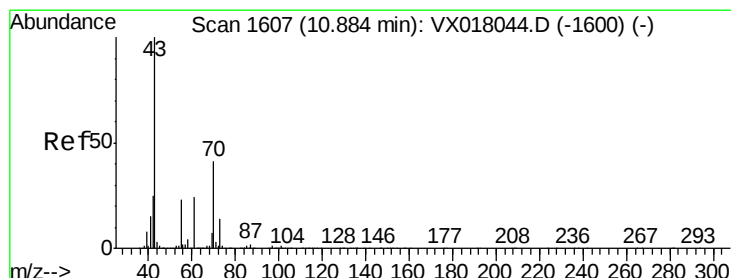
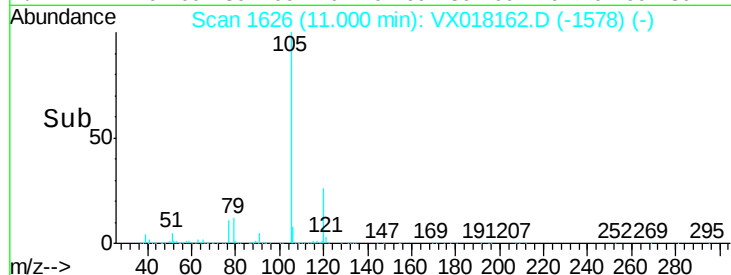
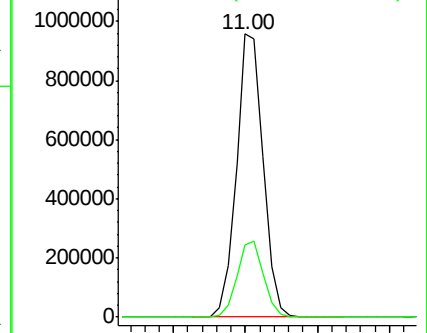
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.210 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion: 43 Resp: 553887

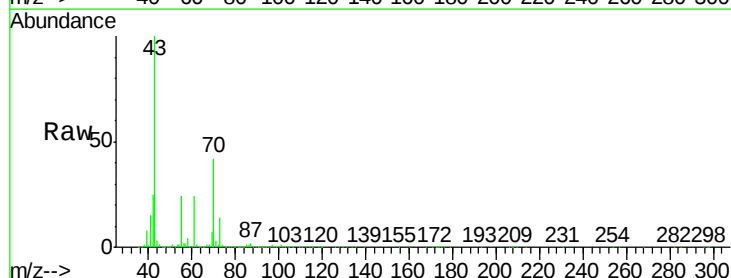
Ion Ratio Lower Upper

43 100

70 41.1 32.3 48.5

55 23.8 18.2 27.2

61 23.7 18.9 28.3

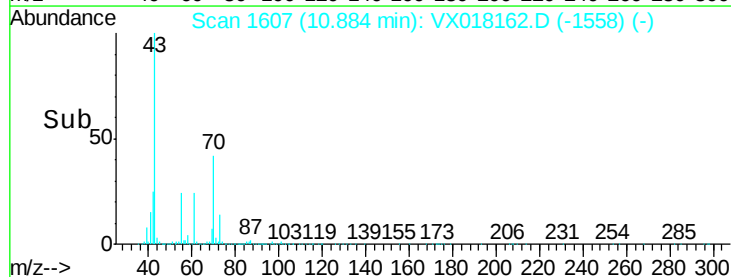
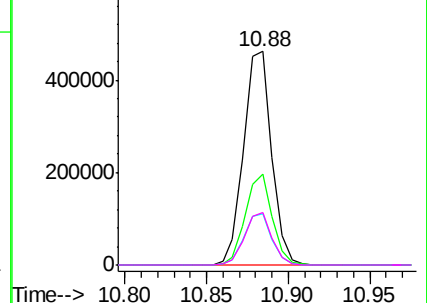


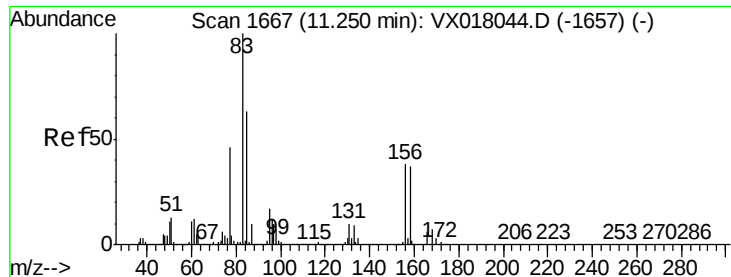
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.435 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

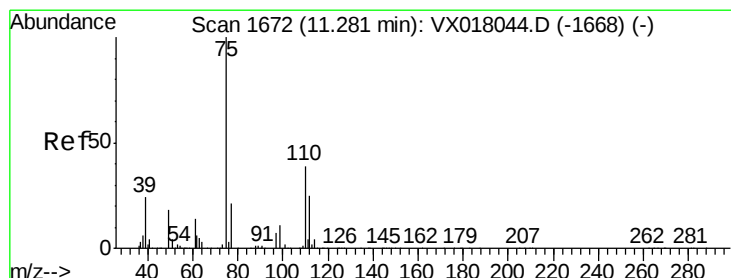
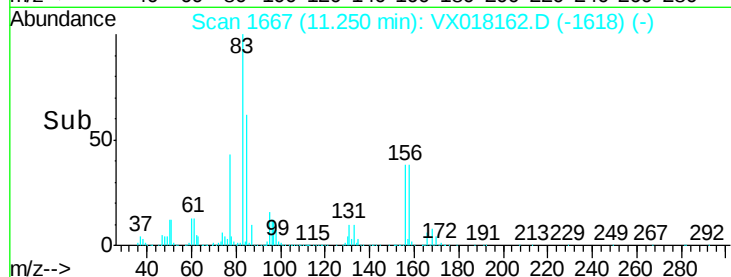
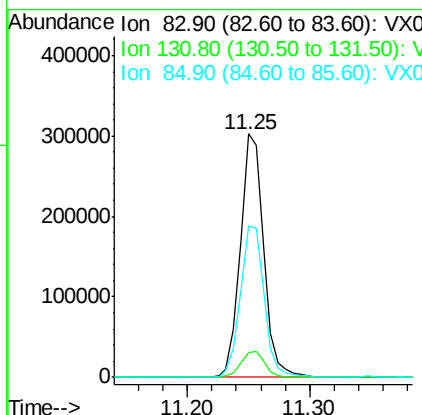
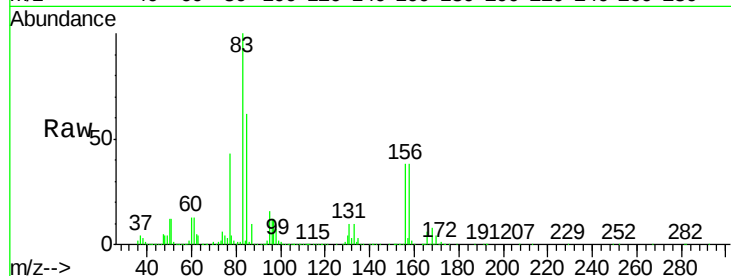
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	396651
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	63.9	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 46.203 ug/l m

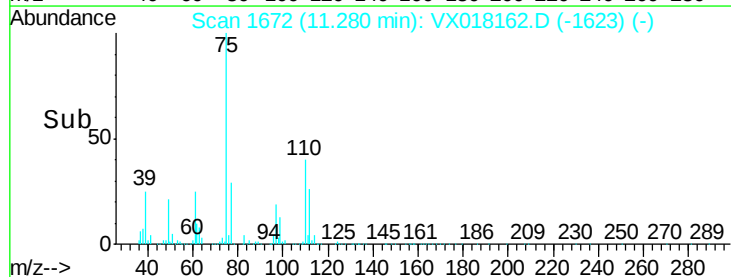
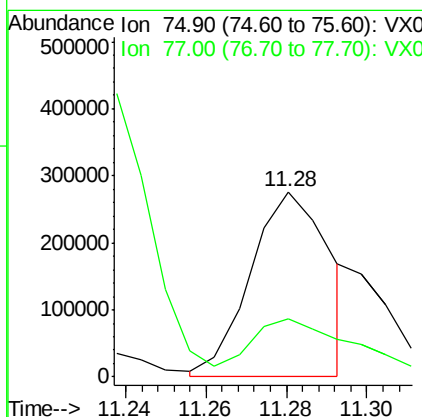
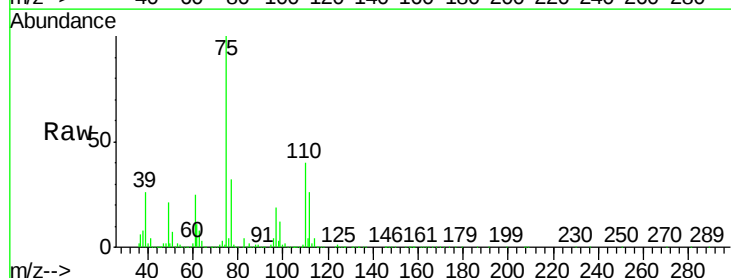
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	75	Resp:	377312
Ion Ratio	Lower	Upper	
75	100		
77	41.3	20.8	62.2





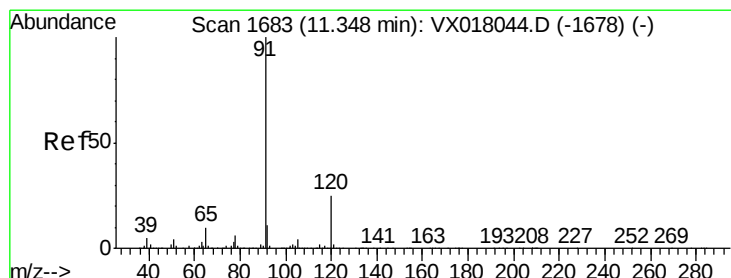
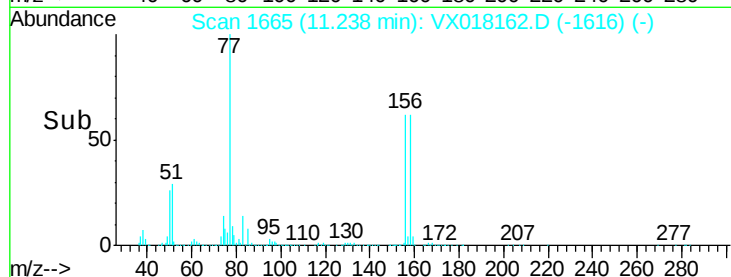
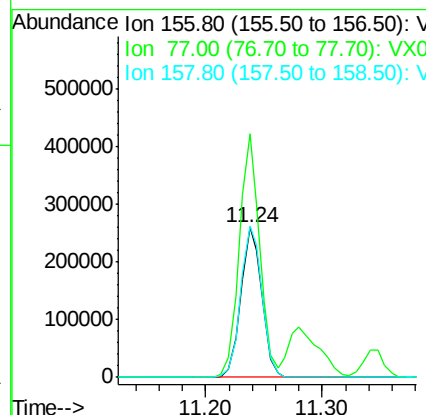
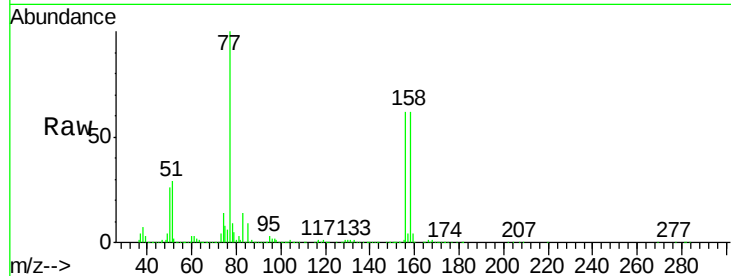
#77
Bromobenzene
Concen: 48.701 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.4	80.0	240.2
158	102.3	49.5	148.7

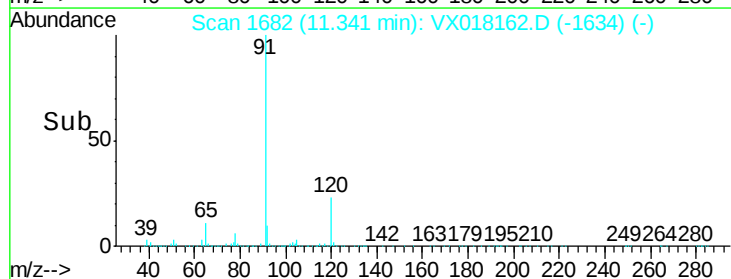
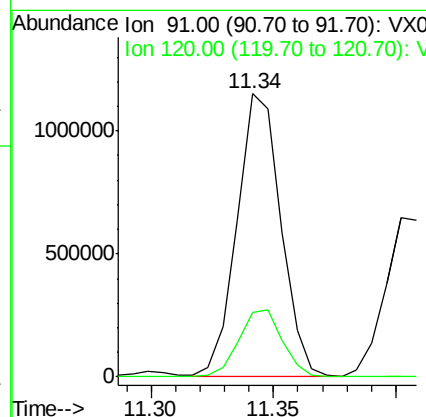
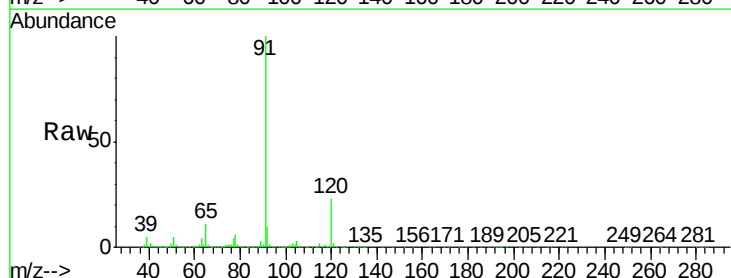
Manual Integrations
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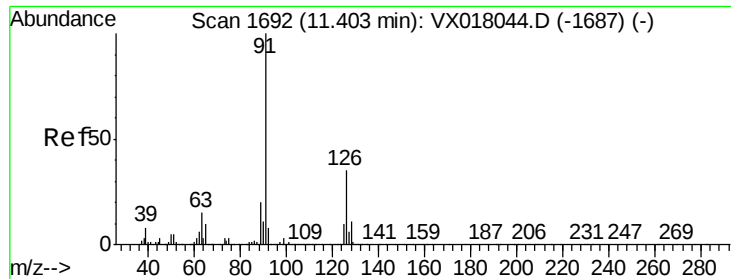
MMDadoda
9/1/2020 9:08:14 AM



#78
n-propylbenzene
Concen: 51.731 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





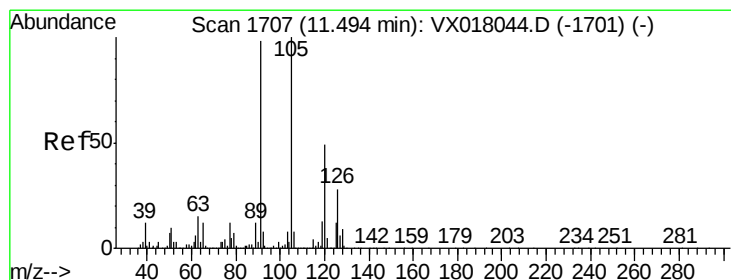
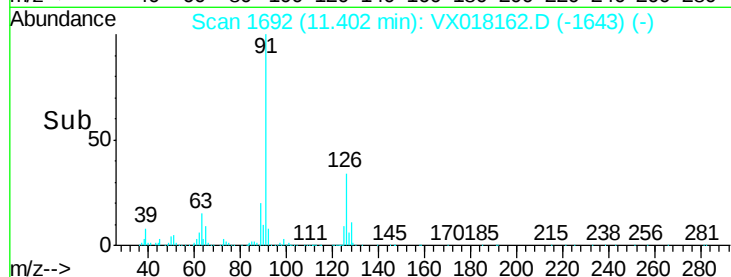
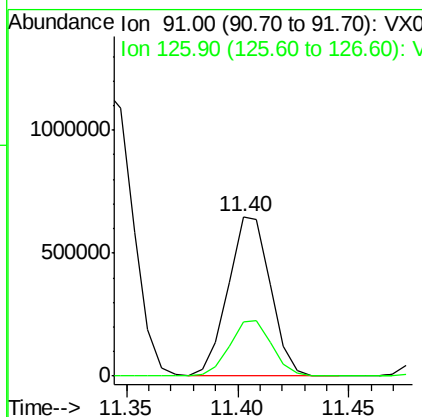
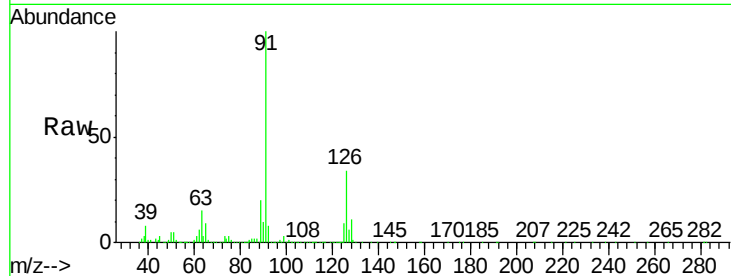
#79
2-Chlorotoluene
Concen: 50.377 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 855748
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

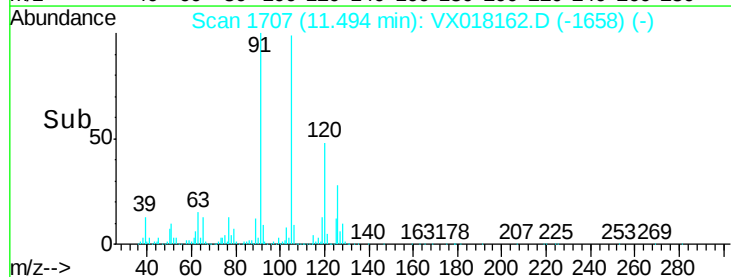
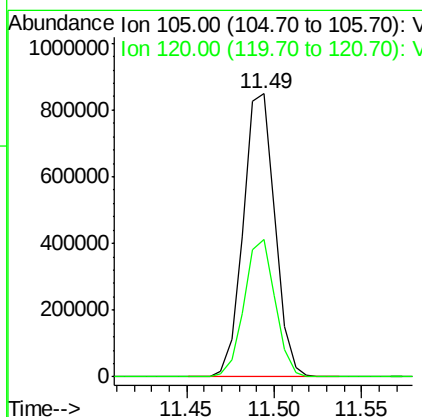
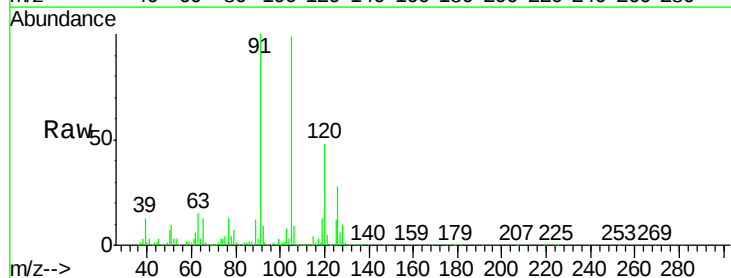
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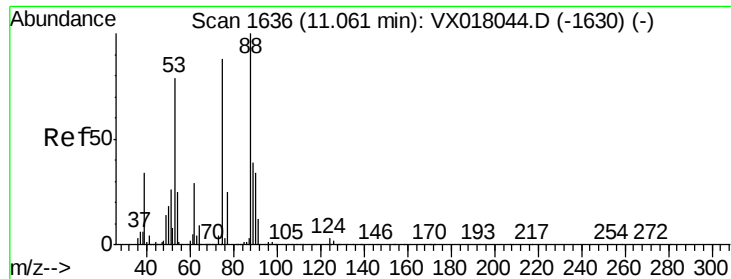
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#80
1,3,5-Trimethylbenzene
Concen: 53.552 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 105 Resp: 1065598
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.326 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 143099

Ion Ratio Lower Upper

75 100

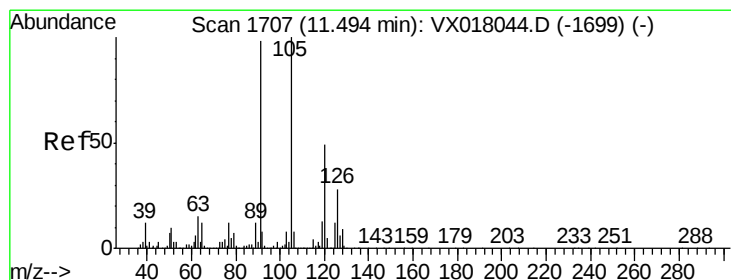
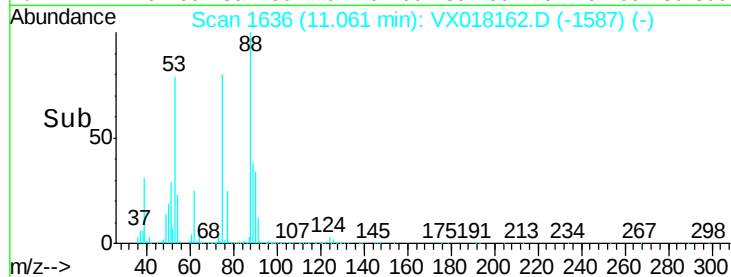
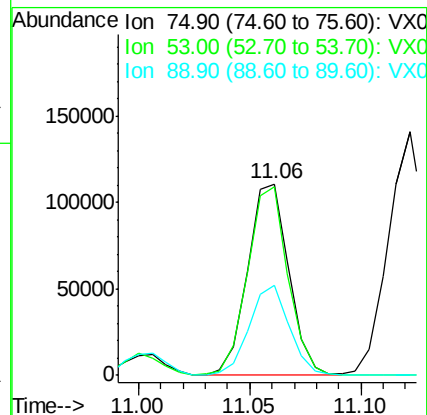
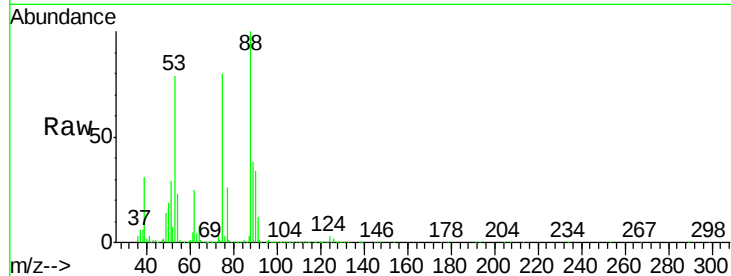
53 96.7 74.7 112.1

89 45.6 36.6 54.8

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#82

4-Chlorotoluene

Concen: 50.879 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018162.D

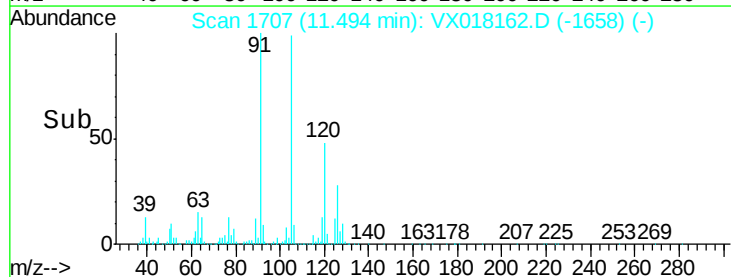
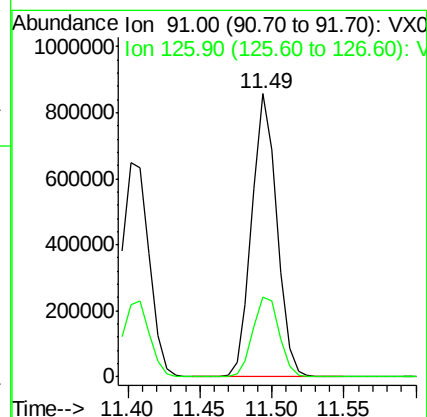
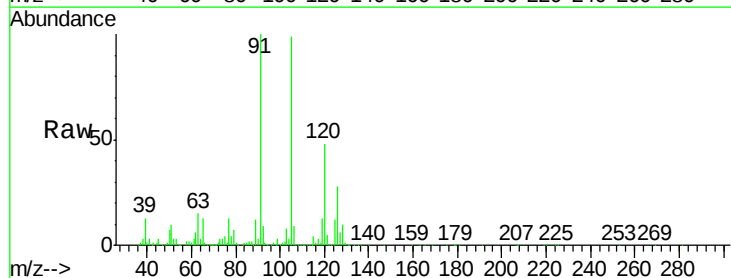
Acq: 31 Aug 2020 21:13

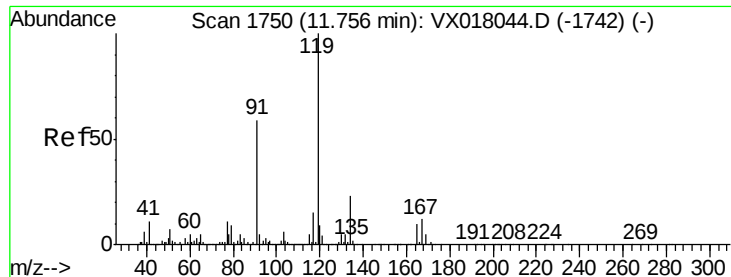
Tgt Ion: 91 Resp: 1027452

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 52.095 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1023003

Ion Ratio Lower Upper

119 100

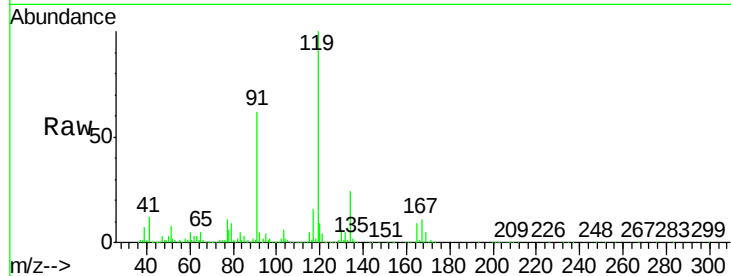
91 59.5 28.2 84.7

134 22.8 11.3 33.8

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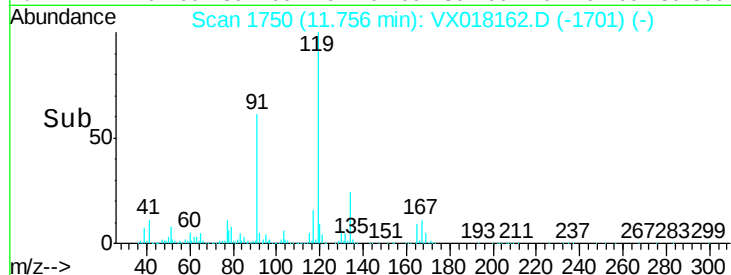


Abundance Ion 119.00 (118.70 to 119.70): V

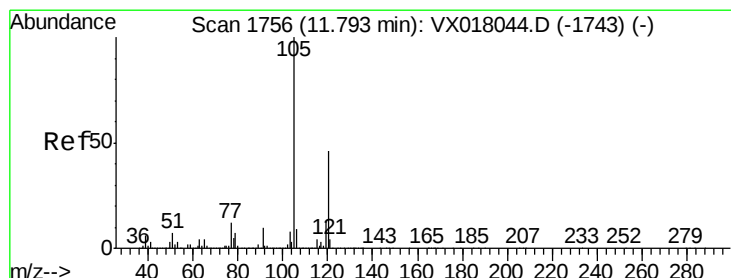
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

Time-->



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 53.308 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018162.D

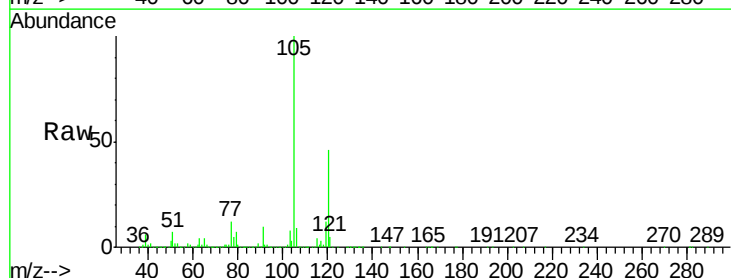
Acq: 31 Aug 2020 21:13

Tgt Ion:105 Resp: 1084505

Ion Ratio Lower Upper

105 100

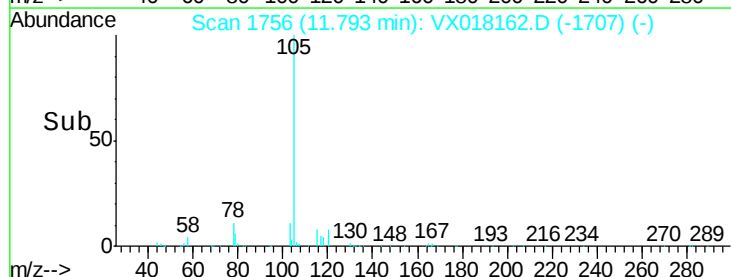
120 44.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



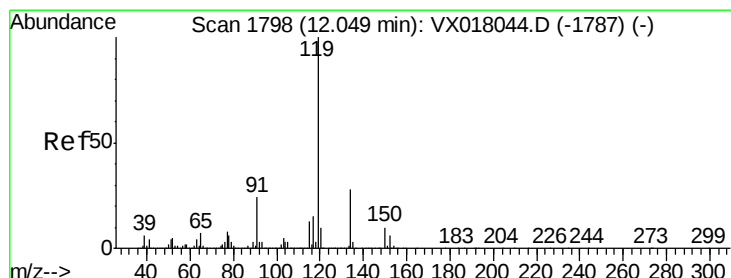
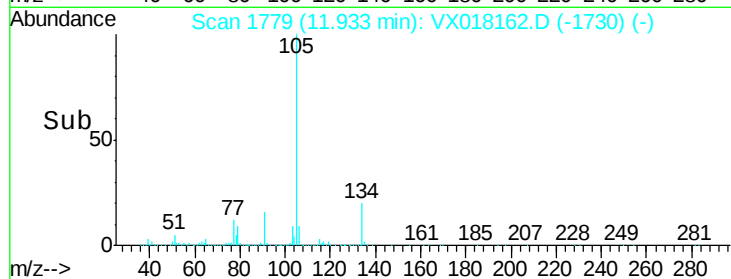
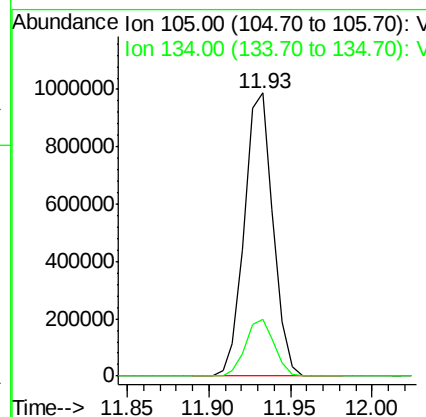
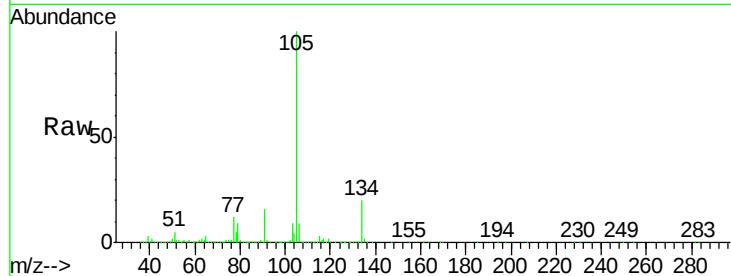
#85
 sec-Butylbenzene
 Concen: 54.118 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

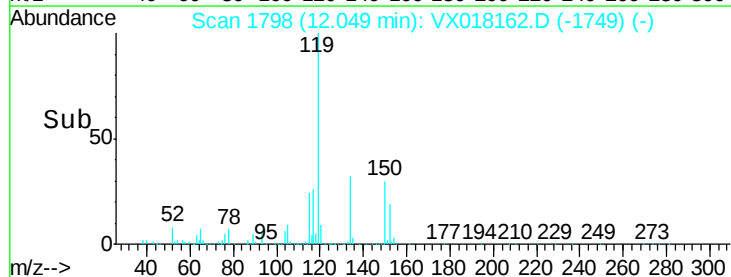
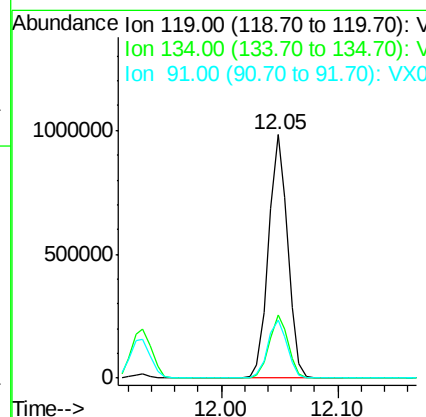
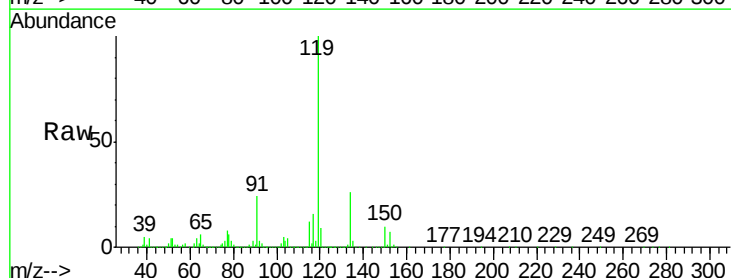
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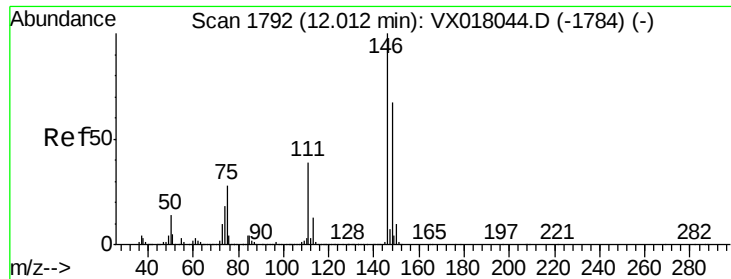
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#86
 p-Isopropyltoluene
 Concen: 54.945 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.2	39.5
91	24.4	11.8	35.4





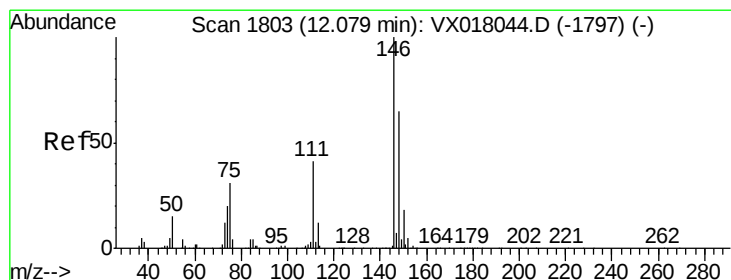
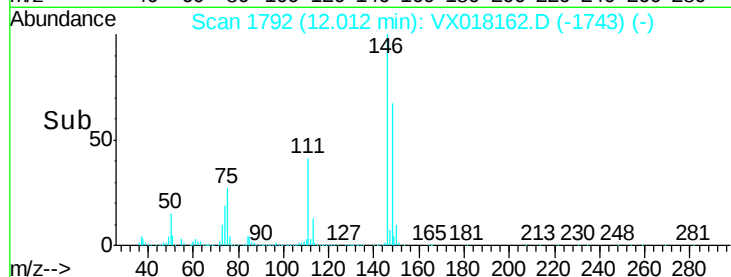
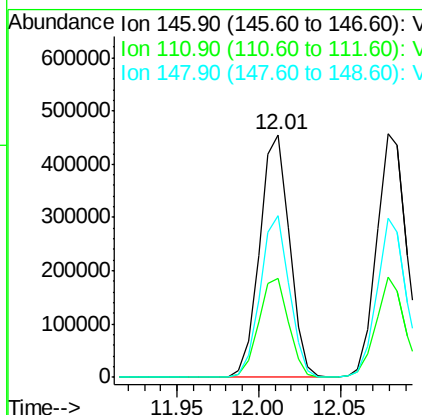
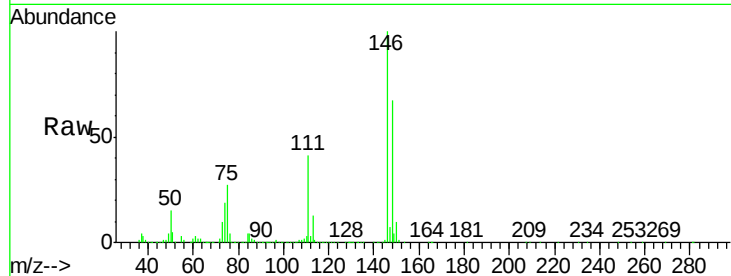
#87
 1,3-Dichlorobenzene
 Concen: 49.298 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	64.8	33.1	99.2

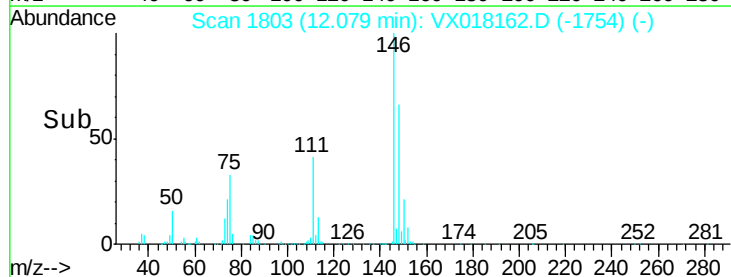
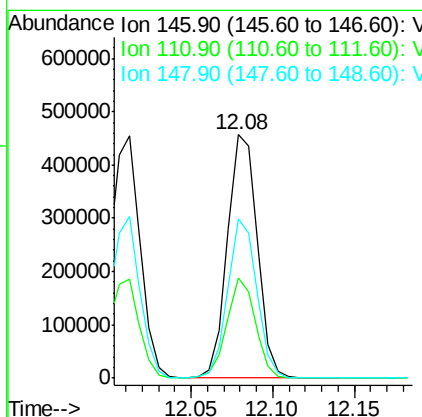
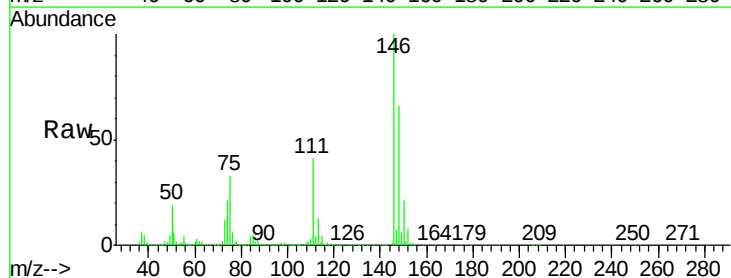
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#88
 1,4-Dichlorobenzene
 Concen: 49.379 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.8
148	63.6	33.1	99.2





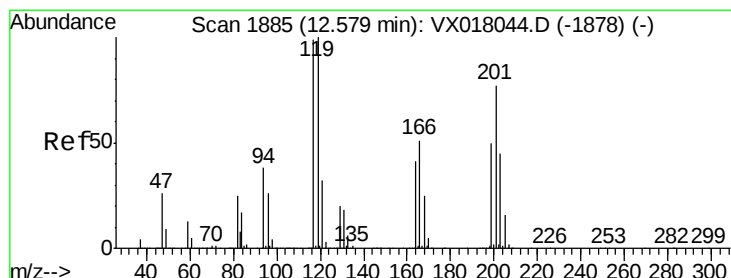
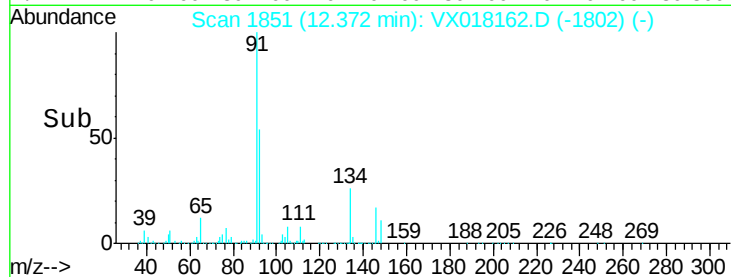
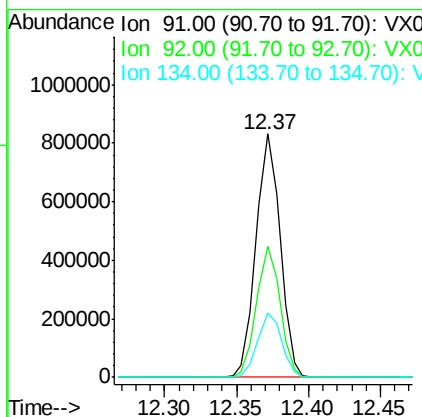
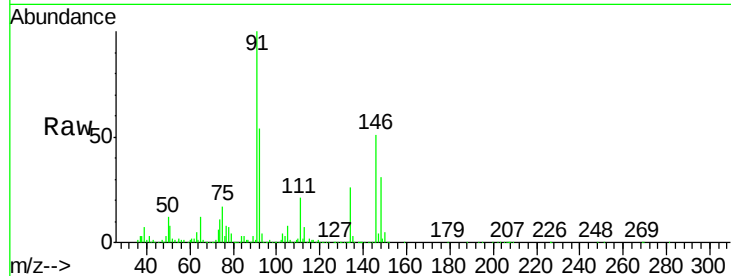
#89
n-Butylbenzene
Concen: 51.208 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	26.5	12.9	38.7

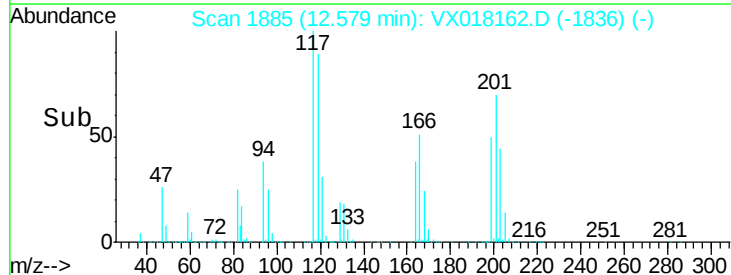
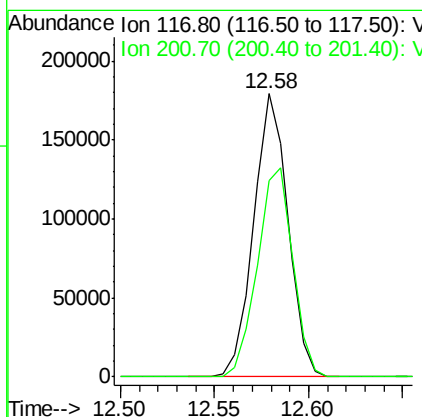
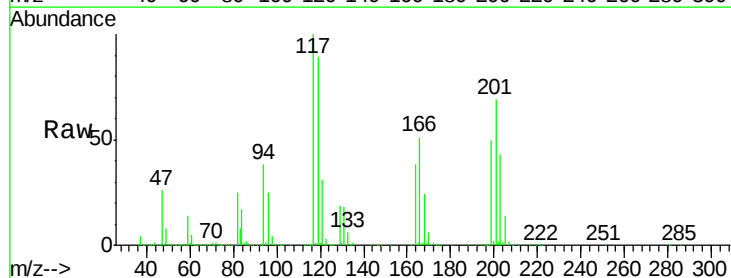
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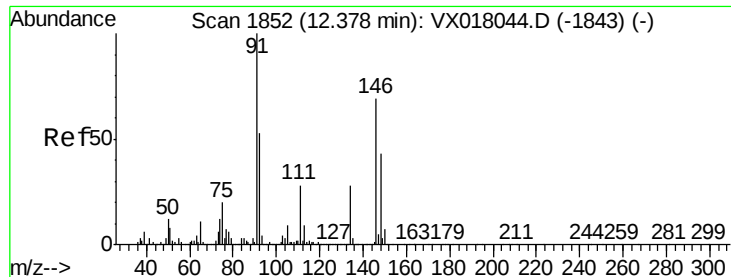
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#90
Hexachloroethane
Concen: 55.926 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 51.441 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

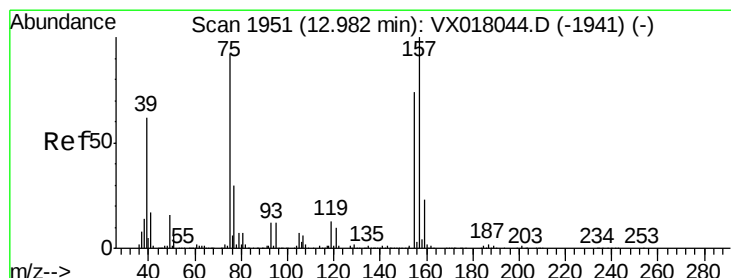
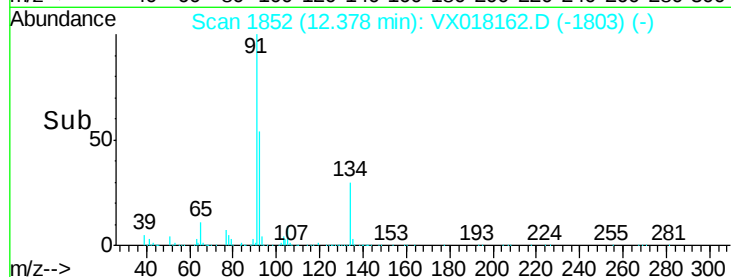
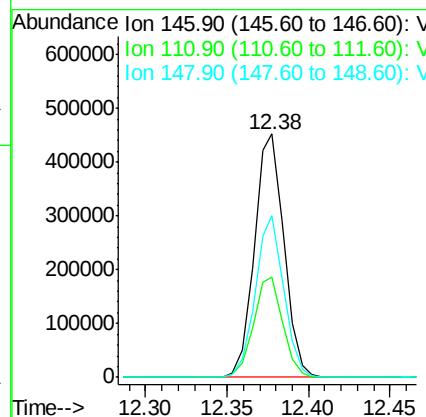
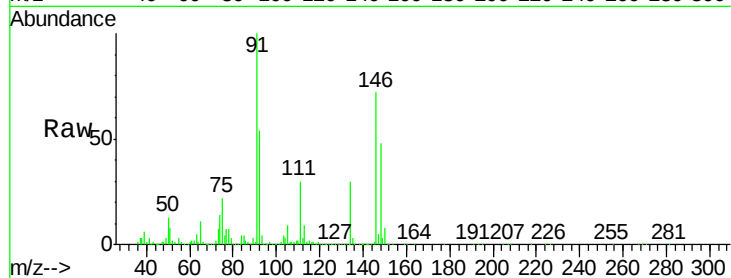
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	569054
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.8	62.5
148	63.8	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.862 ug/l

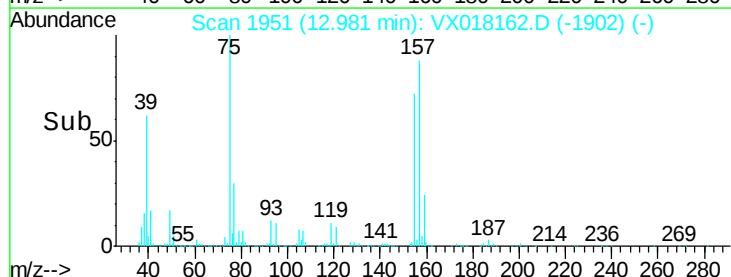
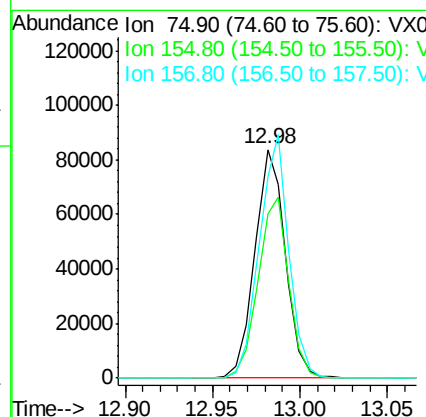
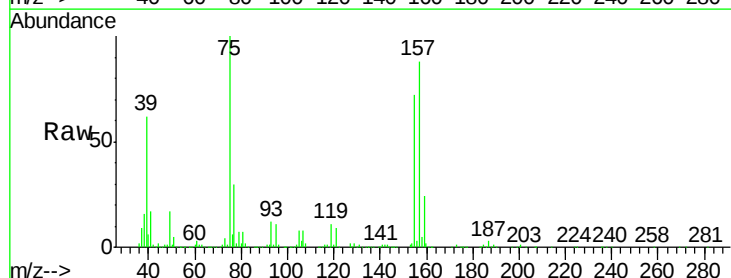
RT: 12.98 min Scan# 1951

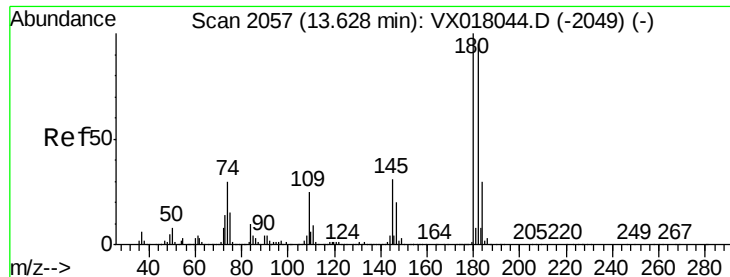
Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	75	Resp:	102227
Ion Ratio	Lower	Upper	
75	100		
155	79.7	40.2	120.6
157	103.1	55.0	165.2





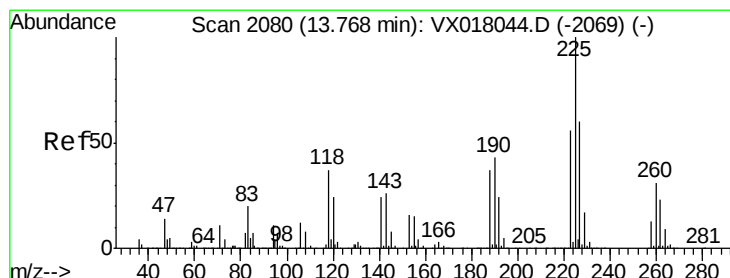
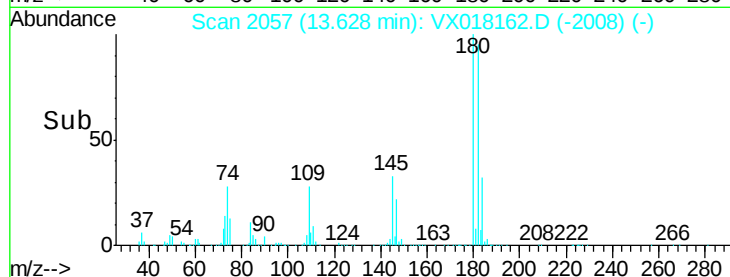
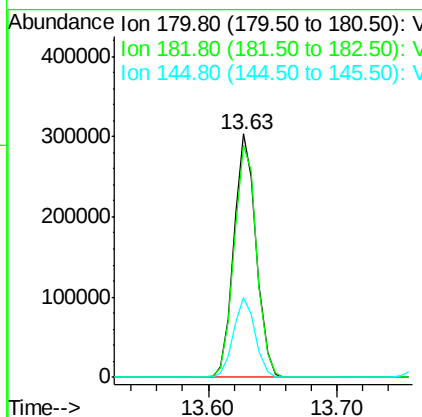
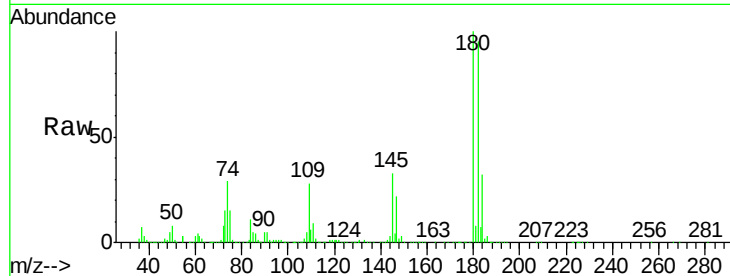
#93
 1,2,4-Trichlorobenzene
 Concen: 49.612 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.9	47.5	142.6	
145	32.3	15.7	47.1	

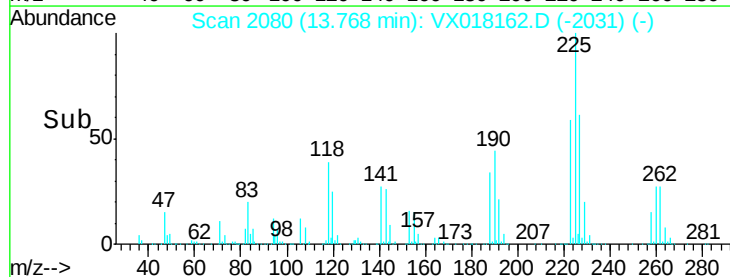
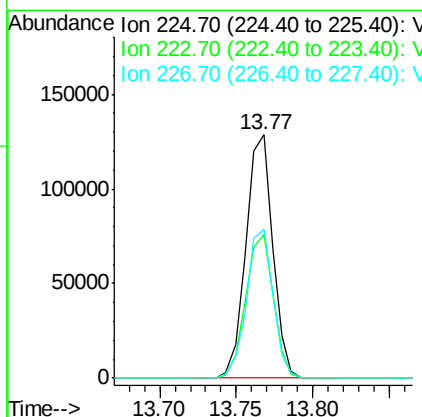
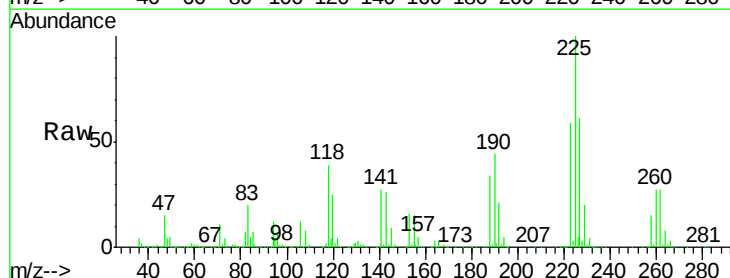
Manual Integrations
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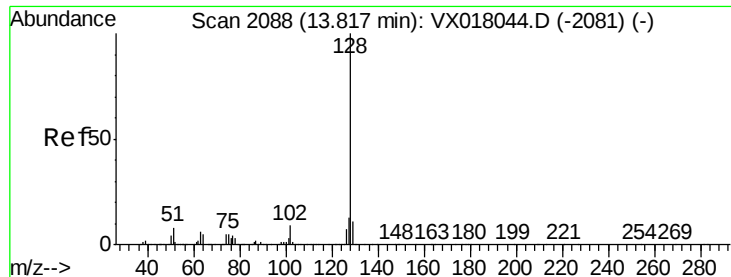
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#94
 Hexachlorobutadiene
 Concen: 53.726 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	30.7	92.1	
227	61.1	32.6	97.8	





#95

Naphthalene

Concen: 51.684 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

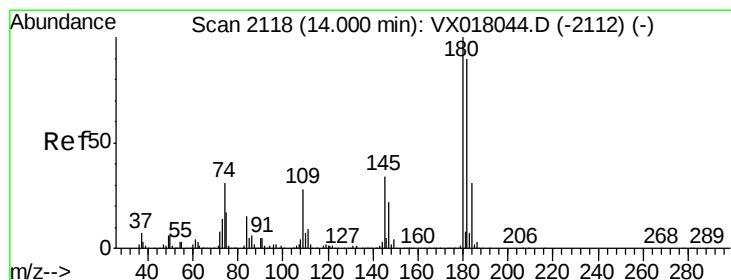
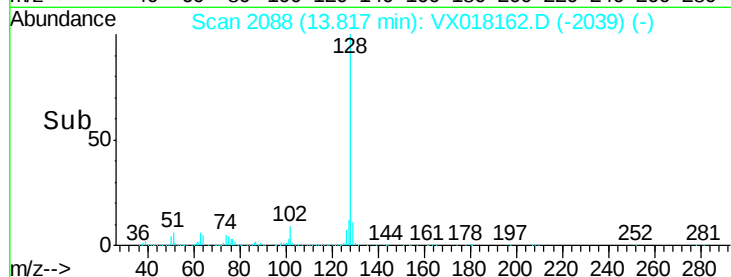
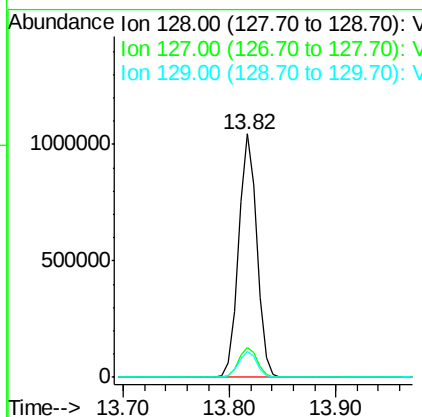
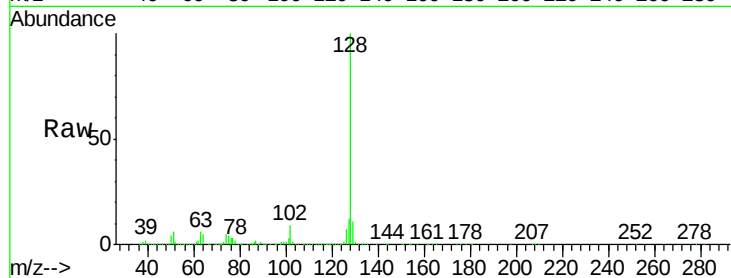
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	1254709
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:14 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.829 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion:	180	Resp:	363191
Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	142.0
145	34.4	17.5	52.6

