

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018042.D
 Acq On : 20 Aug 2020 19:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:04 AM

Quant Time: Aug 21 02:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	564651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	913366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	886353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	423795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	42021	5.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.14%	
35) Dibromofluoromethane	5.46	113	33219	5.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.24%	
50) Toluene-d8	8.70	98	124041	5.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.98%	
62) 4-Bromofluorobenzene	11.12	95	47421	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	31998	5.184	ug/l	98
3) Chloromethane	1.31	50	36425	5.213	ug/l	92
4) Vinyl Chloride	1.39	62	35641	4.811	ug/l	98
5) Bromomethane	1.62	94	15890	4.269	ug/l	97
6) Chloroethane	1.71	64	19968	4.534	ug/l	93
7) Trichlorofluoromethane	1.91	101	53597	5.491	ug/l	100
8) Diethyl Ether	2.17	74	17260	4.332	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28764	5.176	ug/l	95
10) Methyl Iodide	2.50	142	15139	2.153	ug/l #	96
11) Tert butyl alcohol	3.03	59	40582	22.497	ug/l	99
12) 1,1-Dichloroethene	2.36	96	29105	5.012	ug/l	99
13) Acrolein	2.28	56	15593	14.570	ug/l	90
14) Allyl chloride	2.71	41	51308	4.809	ug/l	95
15) Acrylonitrile	3.12	53	88532	23.134	ug/l	99
16) Acetone	2.42	43	76510	23.516	ug/l	100
17) Carbon Disulfide	2.54	76	84121	4.276	ug/l	98
18) Methyl Acetate	2.75	43	40423	5.029	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	97330	4.859	ug/l	93
20) Methylene Chloride	2.83	84	37276	5.467	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	31723	4.886	ug/l	94
22) Diisopropyl ether	3.83	45	102790	5.074	ug/l	95
23) Vinyl Acetate	3.79	43	444620	24.912	ug/l	100
24) 1,1-Dichloroethane	3.67	63	59479	5.241	ug/l	94
25) 2-Butanone	4.65	43	130138	24.699	ug/l	99
26) 2,2-Dichloropropane	4.55	77	47356	4.655	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	36231	5.096	ug/l	99
28) Bromochloromethane	4.98	49	27249	5.221	ug/l	99
29) Tetrahydrofuran	5.10	42	80934	23.207	ug/l	97
30) Chloroform	5.18	83	59731	5.265	ug/l	99
31) Cyclohexane	5.54	56	47239	4.666	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	53669	5.198	ug/l	97
36) 1,1-Dichloropropene	5.78	75	43394	4.842	ug/l	96
37) Ethyl Acetate	4.80	43	52064	5.060	ug/l	97
38) Carbon Tetrachloride	5.75	117	49101	5.317	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	45430	4.280	ug/l	93
40) Benzene	6.11	78	129415	4.957	ug/l	93
41) Methacrylonitrile	5.01	41	25727	4.623	ug/l	96
42) 1,2-Dichloroethane	6.17	62	50194	5.283	ug/l	97
43) Isopropyl Acetate	6.42	43	79758	4.826	ug/l	99
44) Trichloroethene	7.20	130	36916	4.091	ug/l	91
45) 1,2-Dichloropropane	7.49	63	36073	5.406	ug/l	99
46) Dibromomethane	7.64	93	23438	5.147	ug/l	97
47) Bromodichloromethane	7.88	83	50603	5.470	ug/l	99
48) Methyl methacrylate	7.75	41	38989	4.946	ug/l	97
49) 1,4-Dioxane	7.71	88	15075	82.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	251950	24.907	ug/l	99
52) Toluene	8.77	92	82822	5.078	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	51236	4.683	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	56209	4.921	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	37097	5.717	ug/l	98
56) Ethyl methacrylate	9.16	69	48394	4.634	ug/l	97
57) 1,3-Dichloropropane	9.35	76	59819	5.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	126123	23.291	ug/l	100
59) 2-Hexanone	9.48	43	191018	24.076	ug/l	98
60) Dibromochloromethane	9.57	129	39292	5.443	ug/l	99
61) 1,2-Dibromoethane	9.65	107	38517	5.488	ug/l	98
64) Tetrachloroethene	9.32	164	36321	3.561	ug/l	96
65) Chlorobenzene	10.12	112	92582	5.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	35990	5.220	ug/l	96
67) Ethyl Benzene	10.24	91	155811	4.754	ug/l	98
68) m/p-Xylenes	10.34	106	115824	9.428	ug/l	99
69) o-Xylene	10.68	106	53952	4.577	ug/l	99
70) Styrene	10.70	104	90201	4.497	ug/l	98
71) Bromoform	10.84	173	29577	5.242	ug/l	95
73) Isopropylbenzene	11.00	105	145360	4.760	ug/l	98
74) N-amyl acetate	10.88	43	66079	4.610	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53875	8.938	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	50178m	5.253	ug/l	
77) Bromobenzene	11.24	156	41784	5.263	ug/l	98
78) n-propylbenzene	11.35	91	162188	4.576	ug/l	98
79) 2-Chlorotoluene	11.40	91	101923	4.832	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	117447	4.553	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	16882	4.307	ug/l	92
82) 4-Chlorotoluene	11.49	91	122960	4.943	ug/l	99
83) tert-Butylbenzene	11.76	119	113718	5.016	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	120530	4.618	ug/l	100
85) sec-Butylbenzene	11.93	105	131274	4.403	ug/l	100
86) p-Isopropyltoluene	12.05	119	117339	4.239	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	71868	5.060	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	70718	4.912	ug/l	93
89) n-Butylbenzene	12.37	91	109862	4.353	ug/l	99
90) Hexachloroethane	12.58	117	24058	4.992	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	65491	4.777	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	13297	5.273	ug/l	88

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ClientSampleId :
VSTDICC005

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	43580	4.351	ug/l	94
94) Hexachlorobutadiene	13.76	225	16448	3.633	ug/l	98
95) Naphthalene	13.82	128	136473	4.206	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	42613	4.380	ug/l	96

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

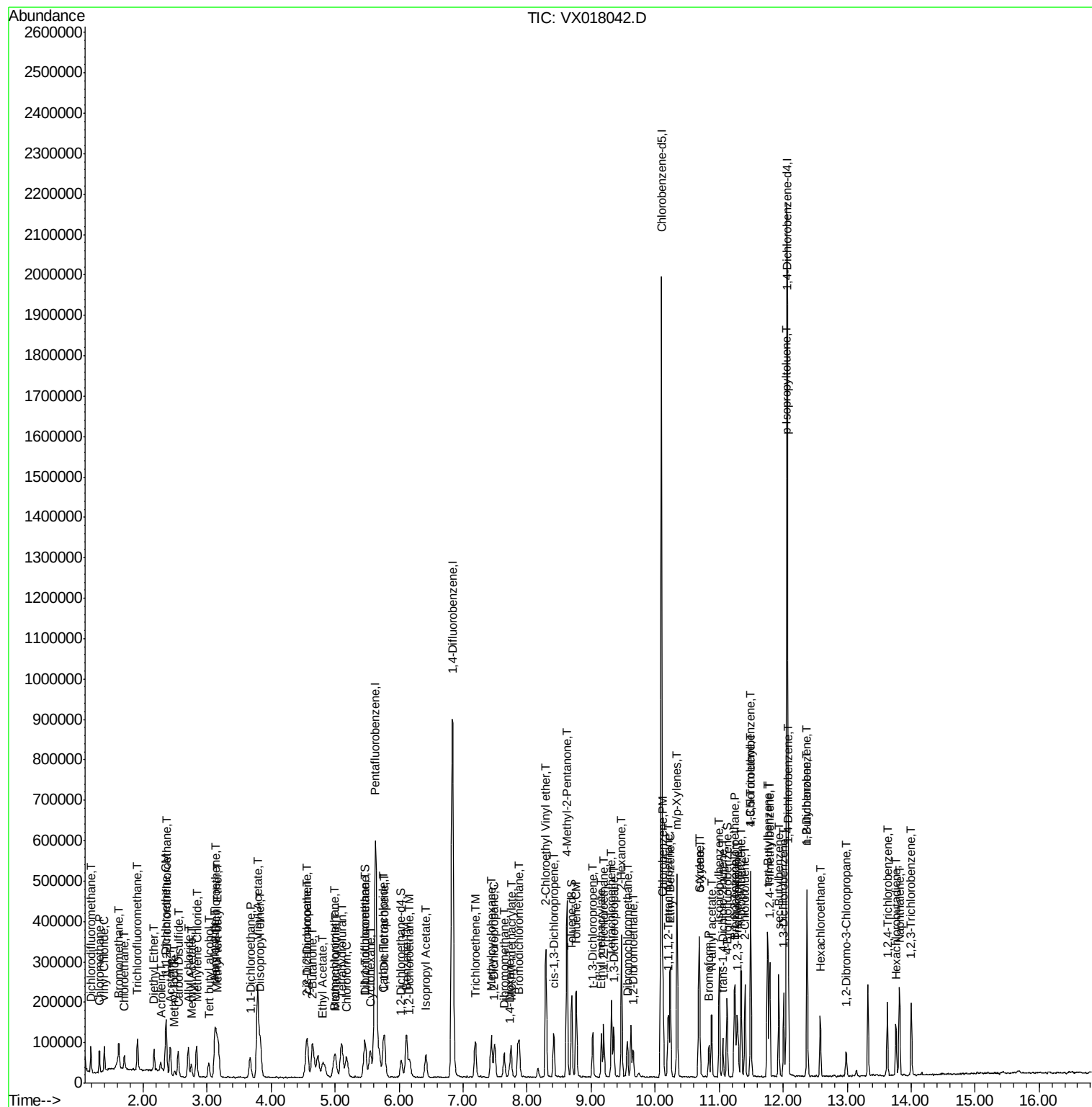
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Data File : VX018042.D
Acq On : 20 Aug 2020 19:22
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

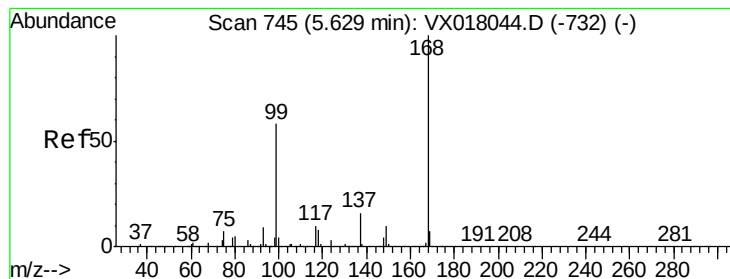
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 564651

Ion Ratio Lower Upper

168 100

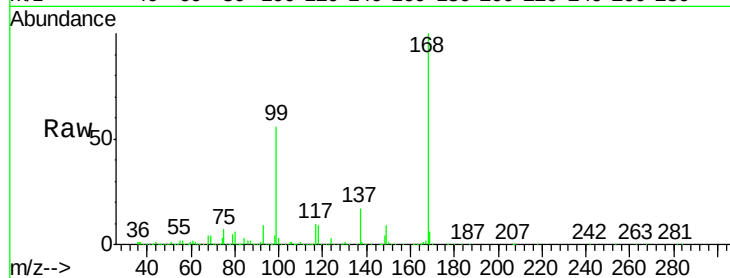
99 56.0 46.3 69.5

Manual Integrations

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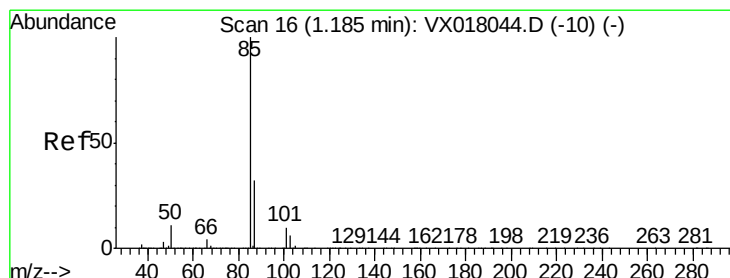
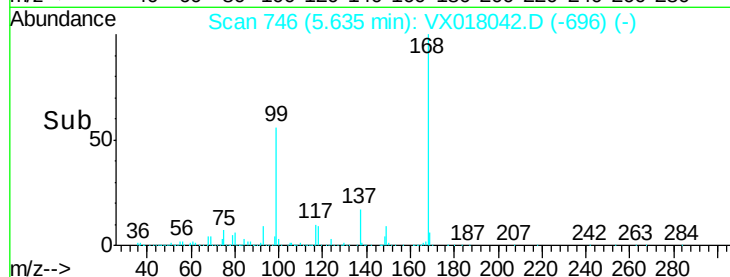
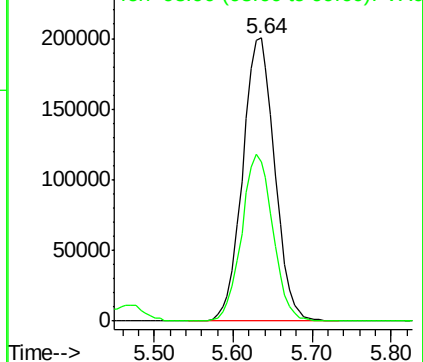
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.184 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018042.D

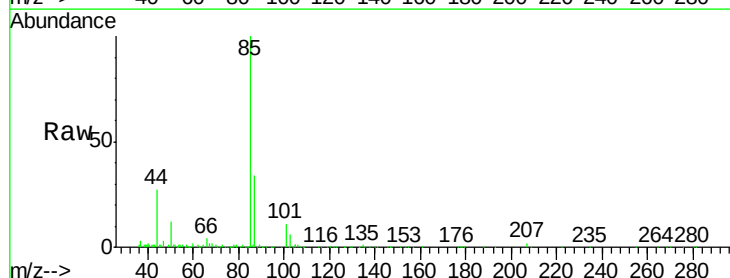
Acq: 20 Aug 2020 19:22

Tgt Ion: 85 Resp: 31998

Ion Ratio Lower Upper

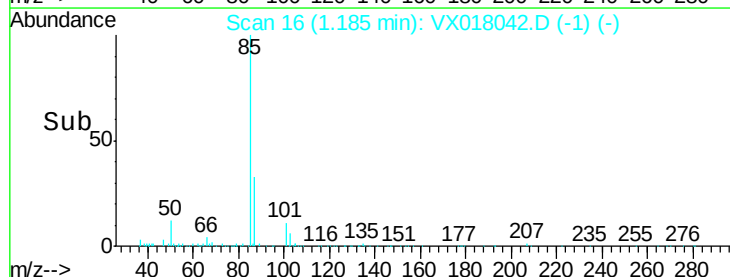
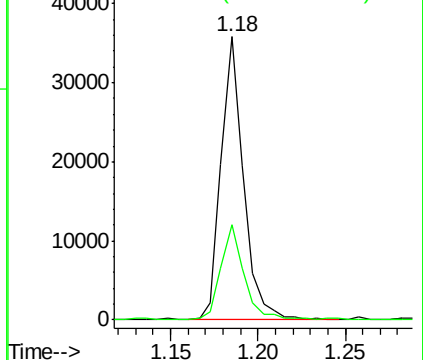
85 100

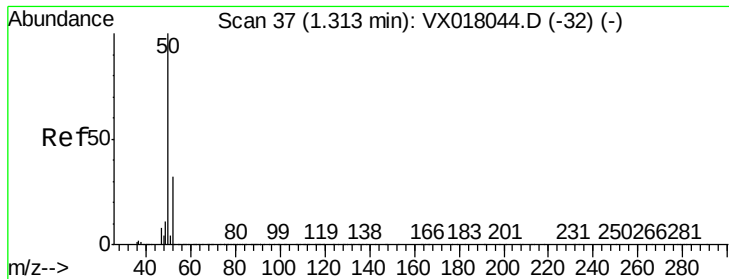
87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.213 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 36425

Ion Ratio Lower Upper

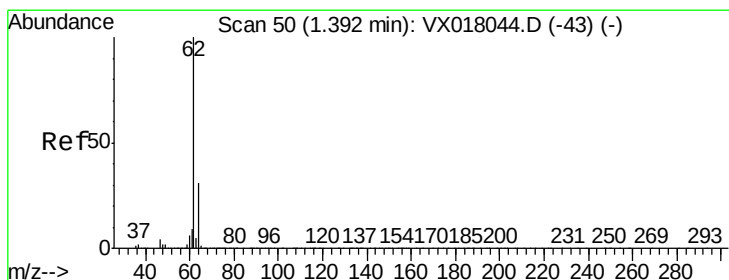
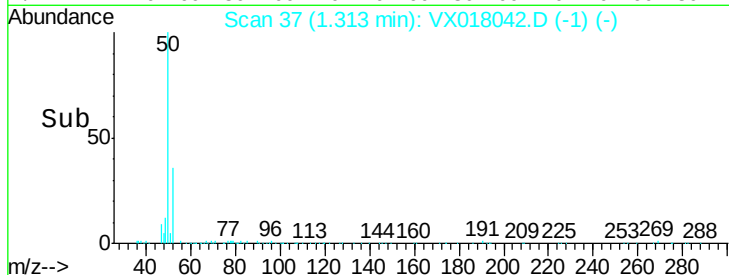
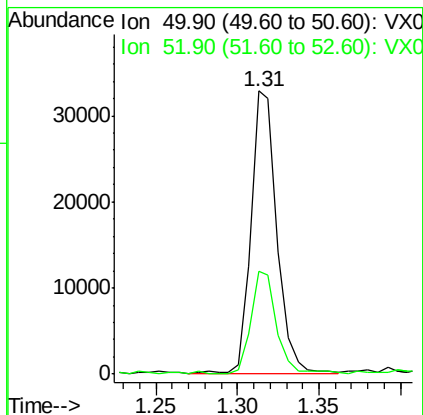
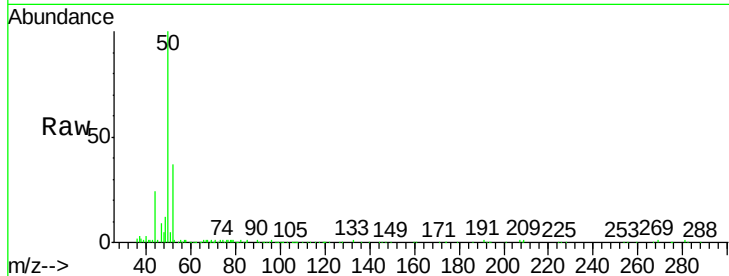
50 100

52 36.2 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 4.811 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018042.D

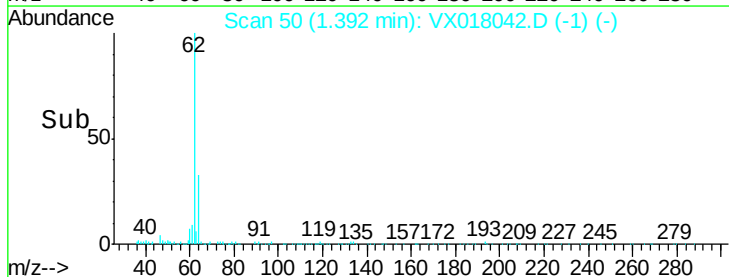
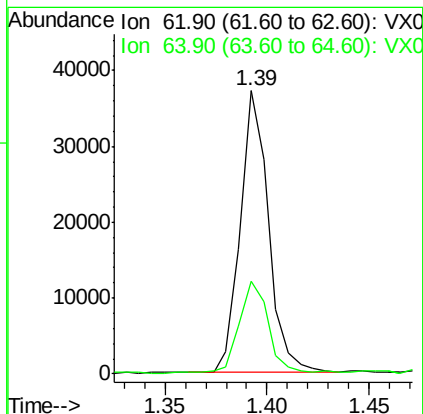
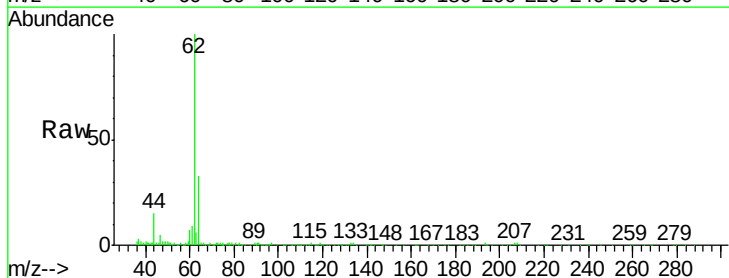
Acq: 20 Aug 2020 19:22

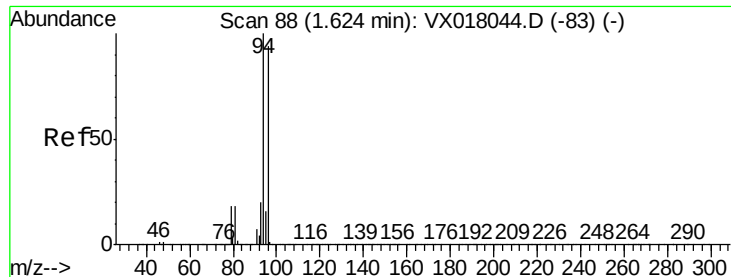
Tgt Ion: 62 Resp: 35641

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 4.269 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 15890

Ion Ratio Lower Upper

94 100

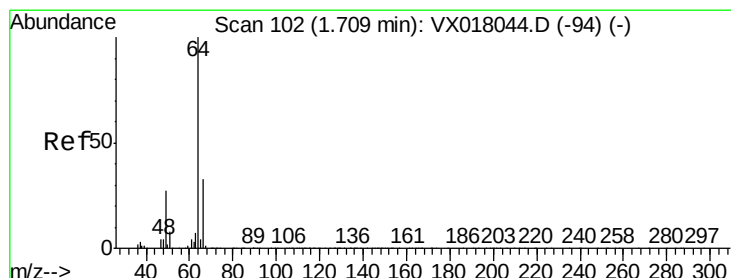
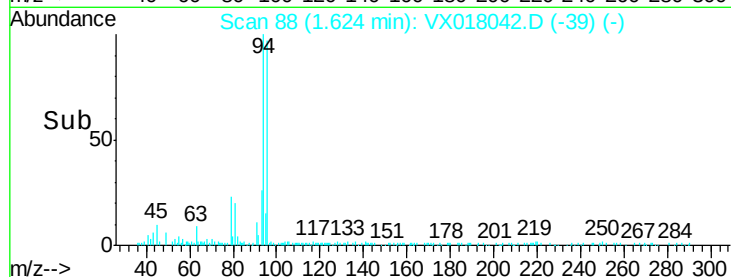
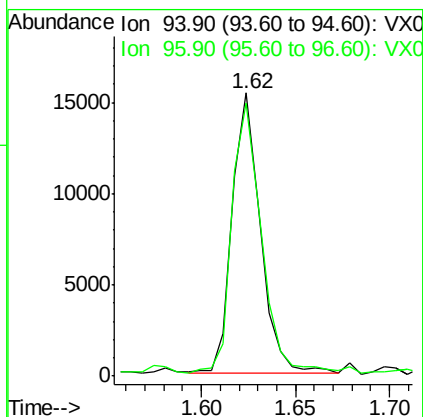
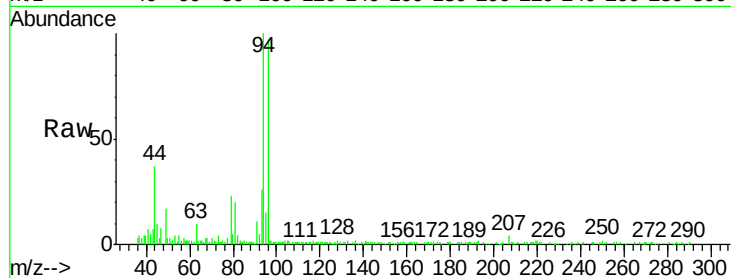
96 96.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 4.534 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018042.D

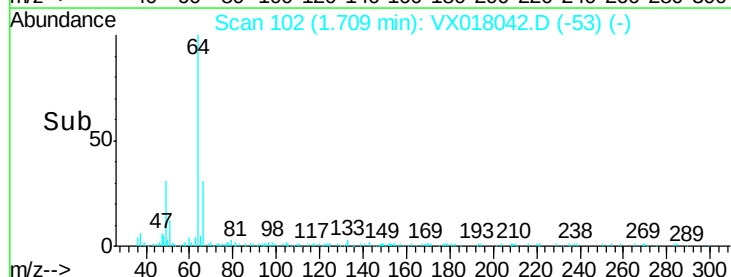
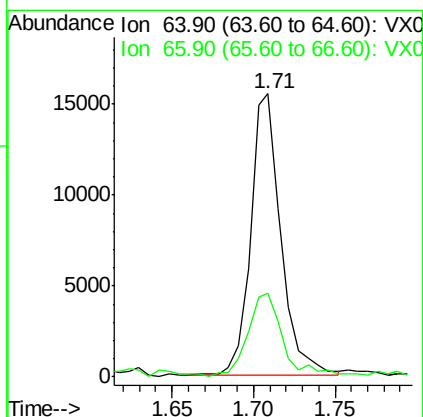
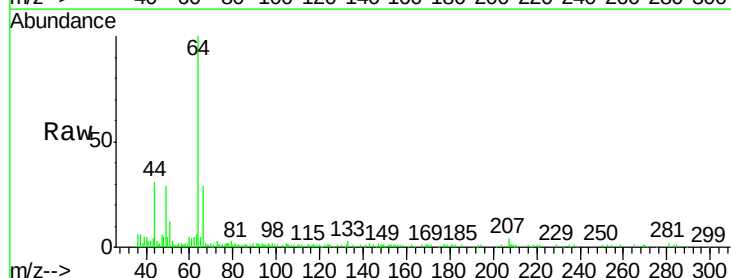
Acq: 20 Aug 2020 19:22

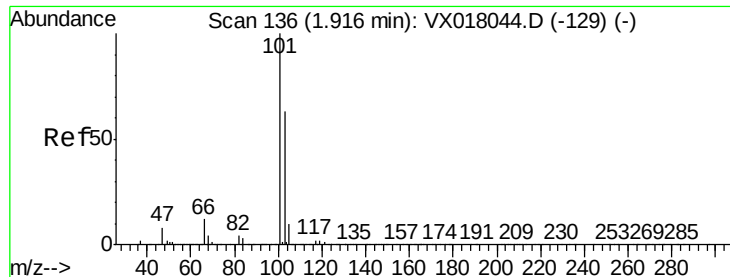
Tgt Ion: 64 Resp: 19968

Ion Ratio Lower Upper

64 100

66 29.1 26.6 39.8





#7

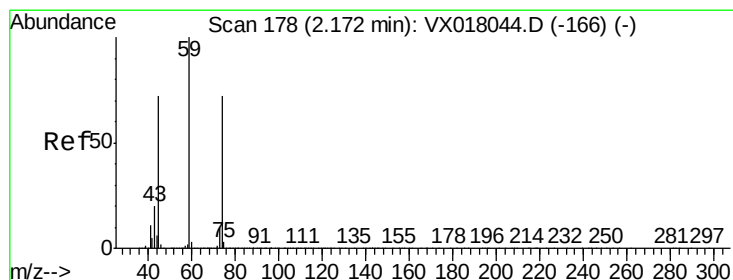
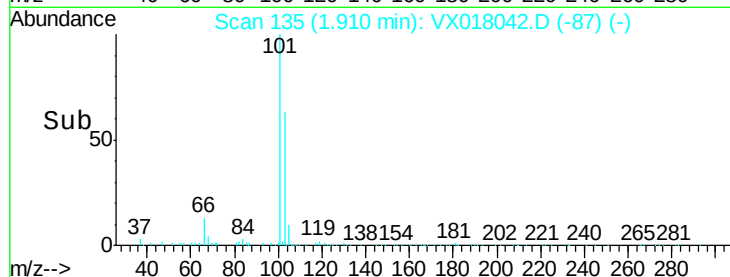
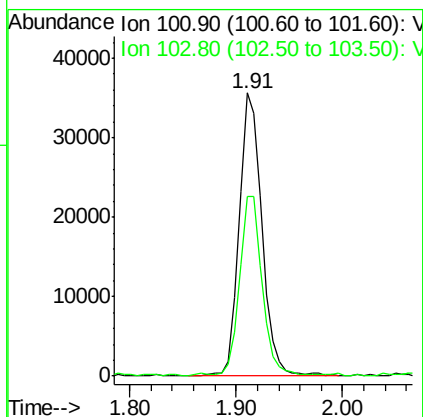
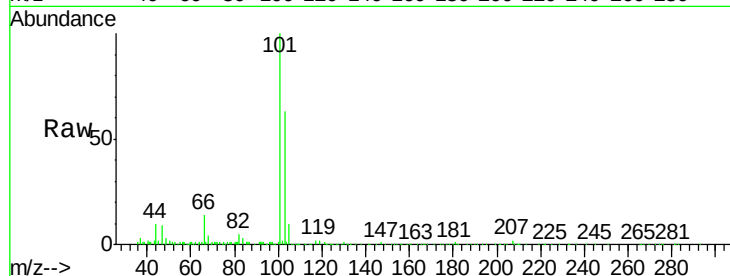
Trichlorofluoromethane
Concen: 5.491 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.7	76.1

Manual Integrations
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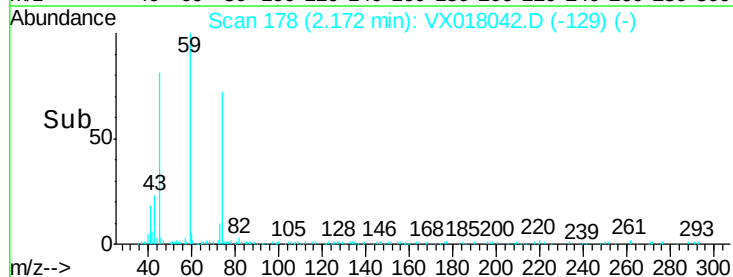
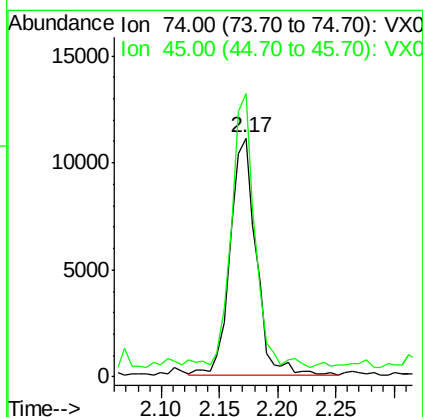
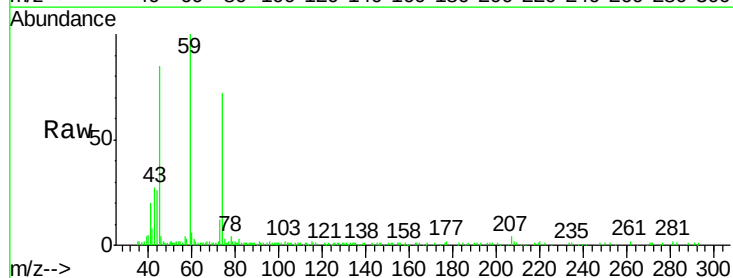
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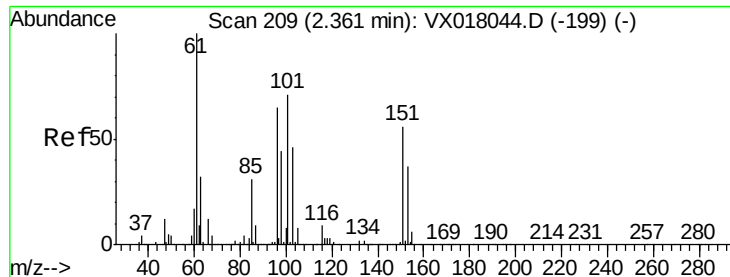


#8

Diethyl Ether
Concen: 4.332 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.176 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

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MSVOA_X

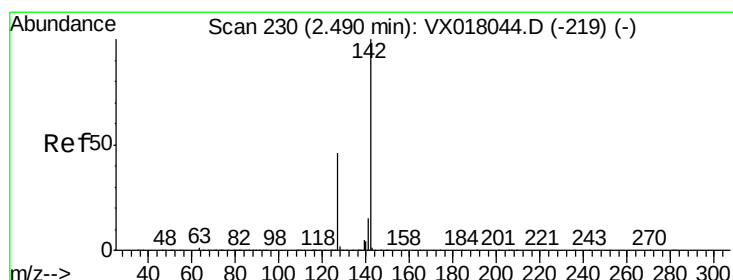
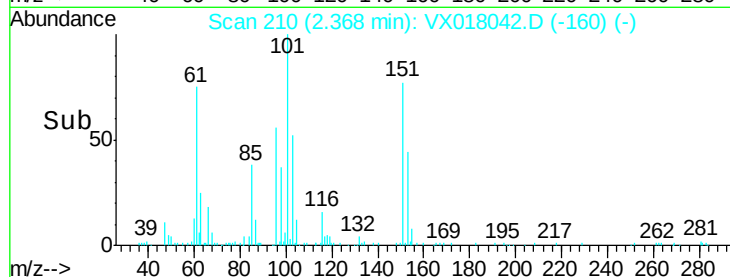
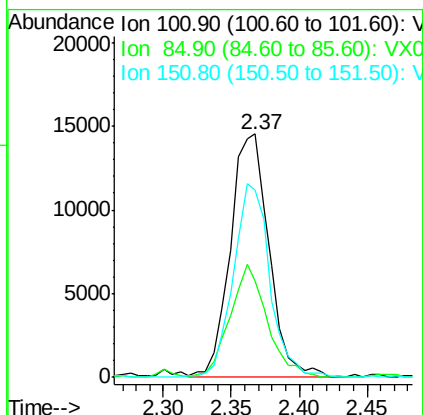
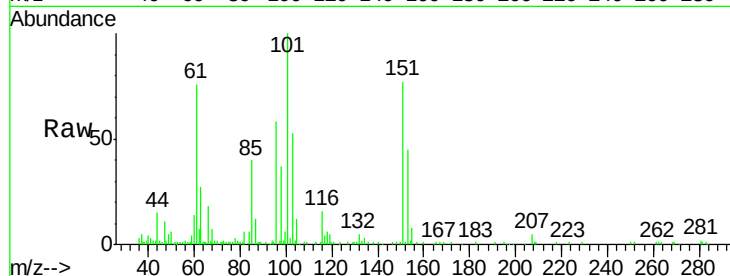
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	28764
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.0	51.0
151	75.6	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 2.153 ug/l

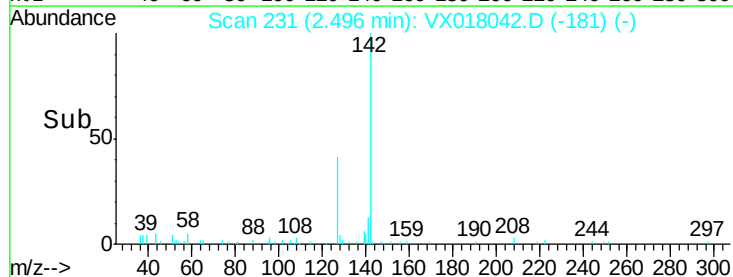
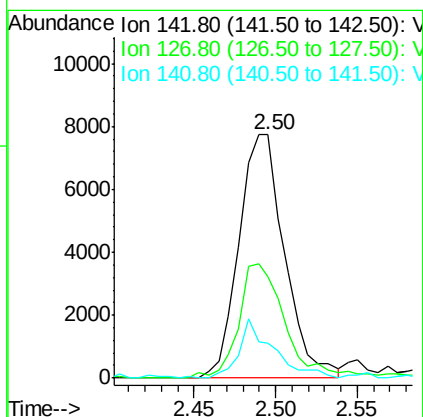
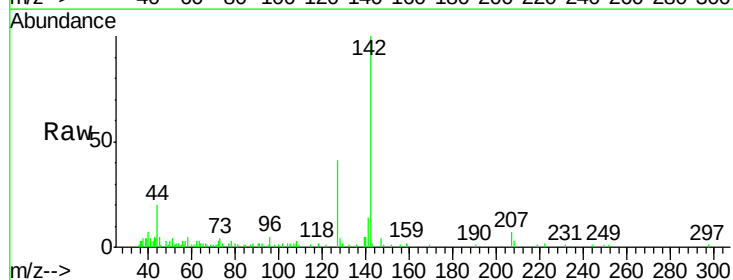
RT: 2.50 min Scan# 231

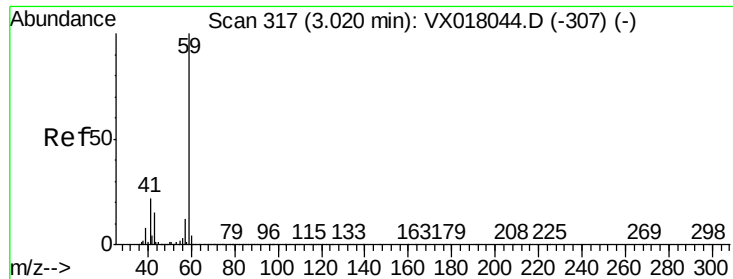
Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	142	Resp:	15139
Ion Ratio	Lower	Upper	
142	100		
127	47.5	37.0	55.6
141	18.0	11.5	17.3#





#11

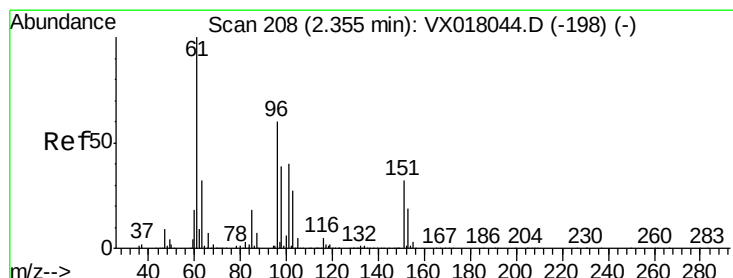
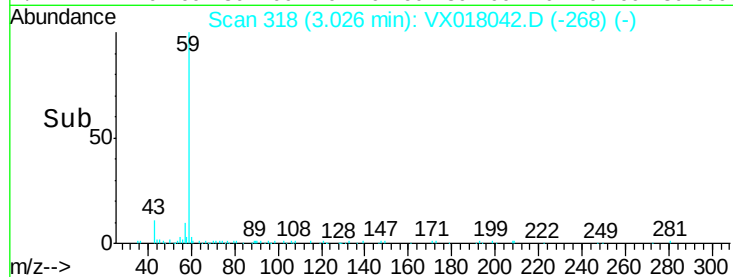
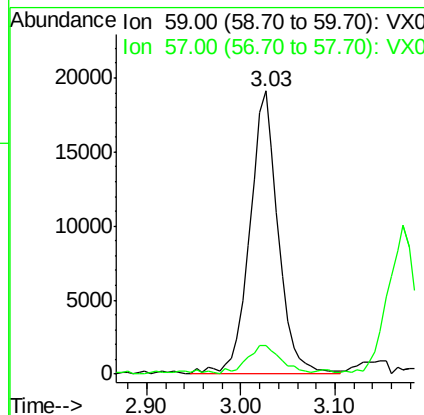
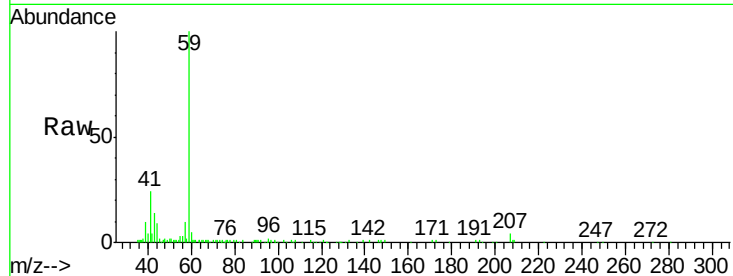
Tert butyl alcohol
Concen: 22.497 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.9	13.3

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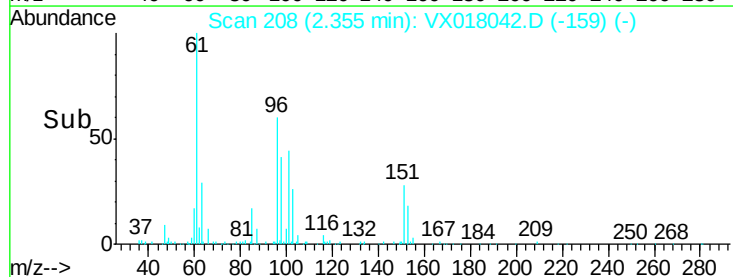
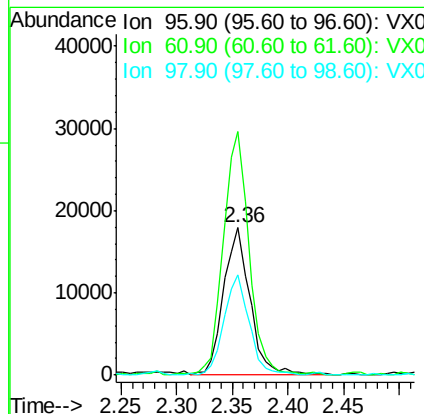
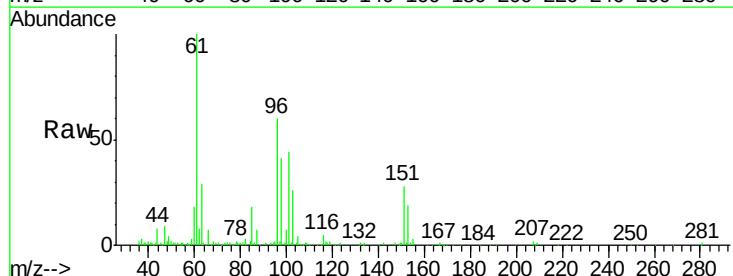
MMDadoda
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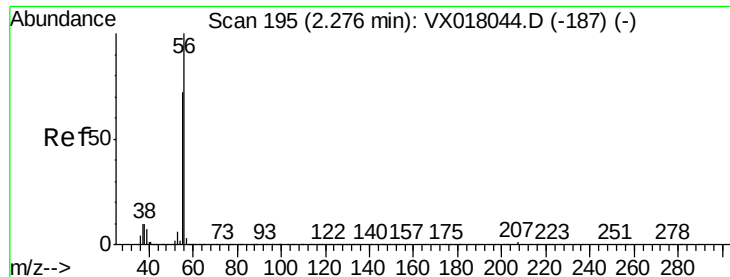


#12

1,1-Dichloroethene
Concen: 5.012 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.8	133.0	199.4
98	67.9	51.6	77.4





#13

Acrolein

Concen: 14.570 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 15593

Ion Ratio Lower Upper

56 100

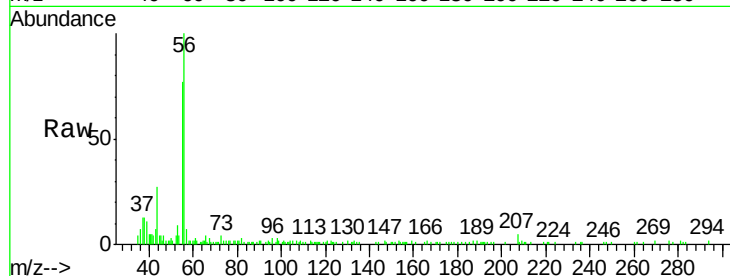
55 79.7 57.0 85.6

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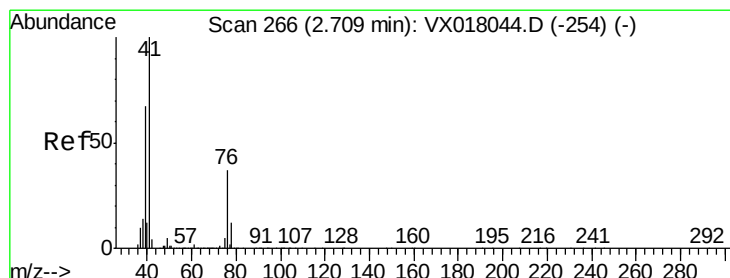
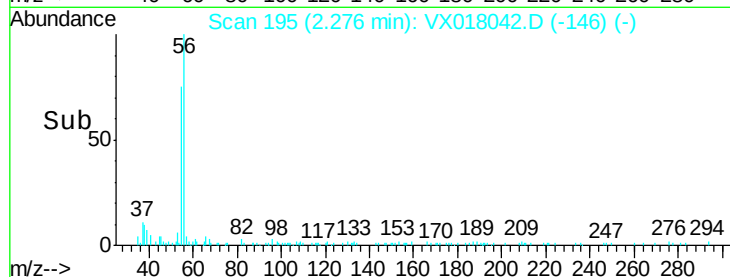
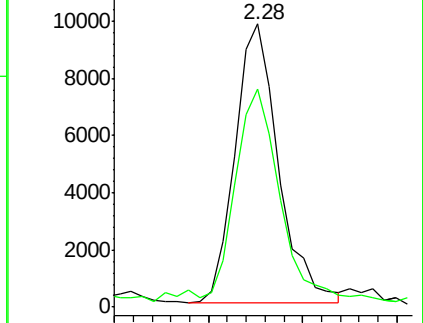
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.809 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

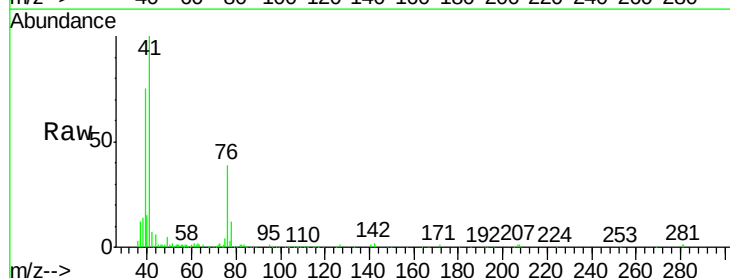
Tgt Ion: 41 Resp: 51308

Ion Ratio Lower Upper

41 100

39 67.4 50.6 76.0

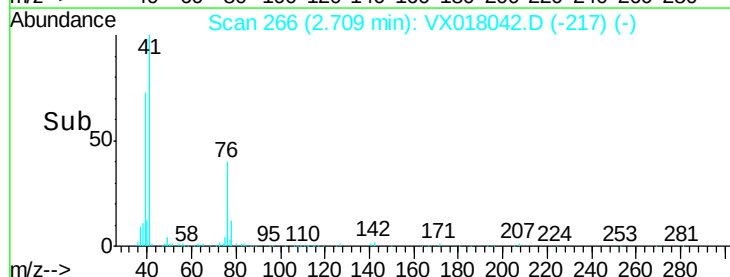
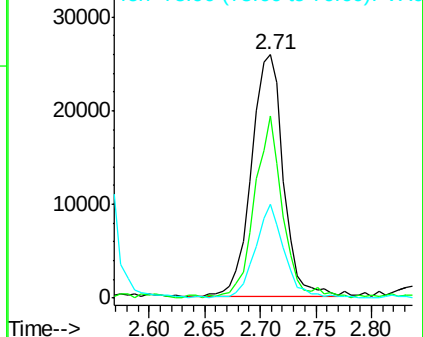
76 35.8 26.2 39.2

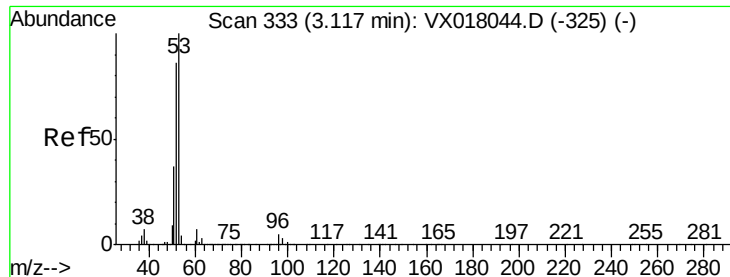


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 23.134 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

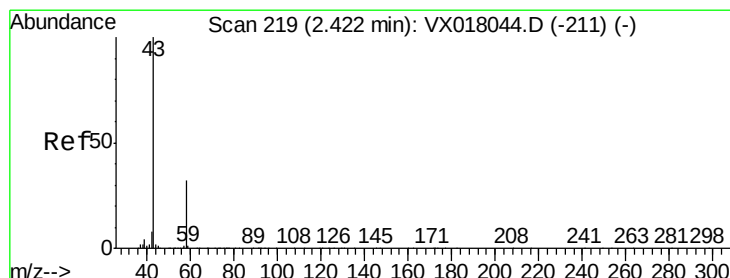
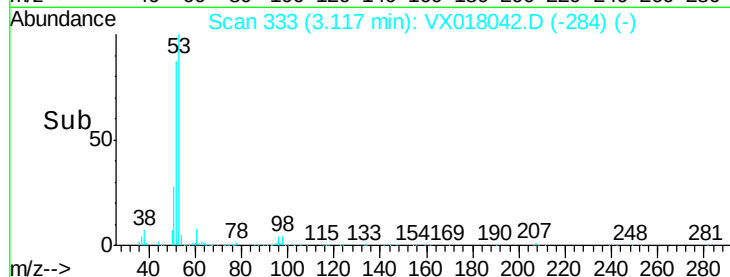
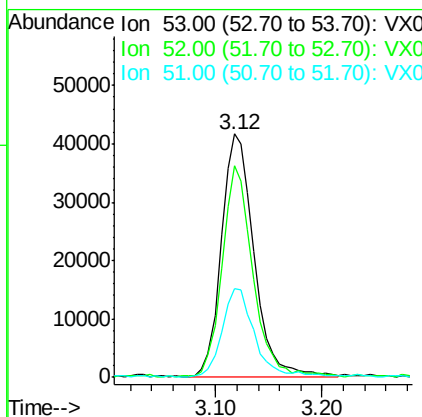
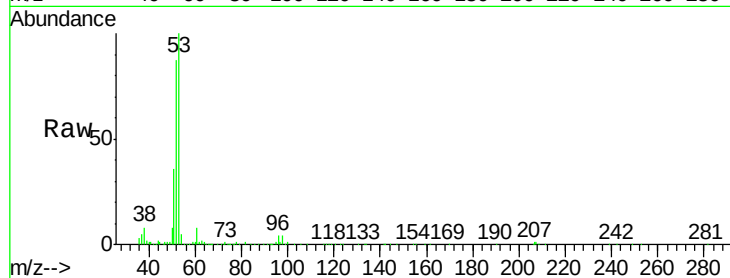
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	88532
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.9	100.3
51	36.0	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 23.516 ug/l

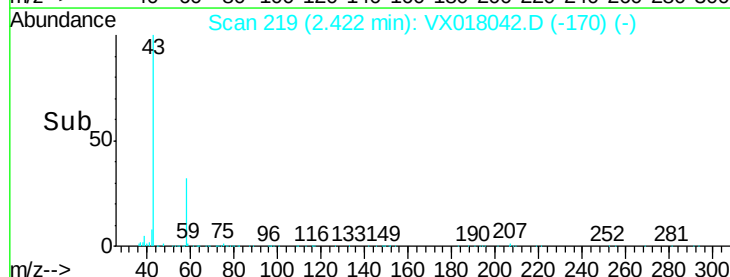
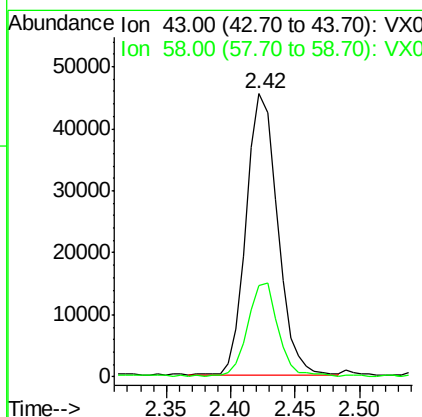
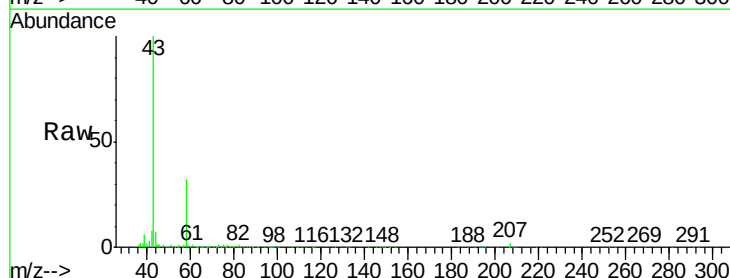
RT: 2.42 min Scan# 219

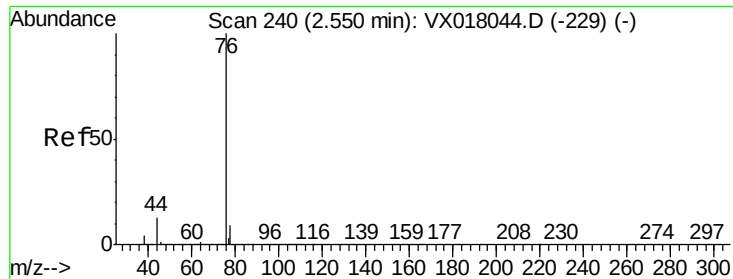
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	43	Resp:	76510
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.5	38.3





#17

Carbon Disulfide

Concen: 4.276 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 84121

Ion Ratio Lower Upper

76 100

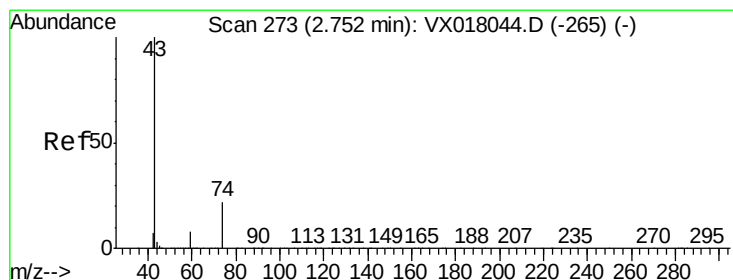
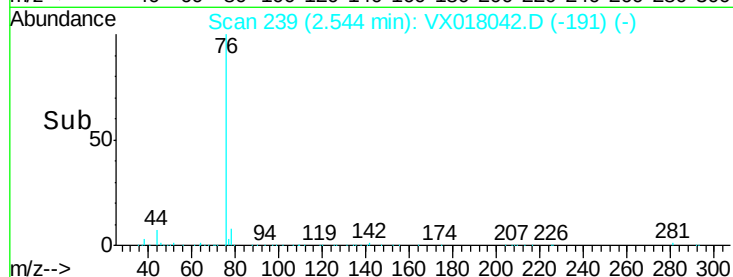
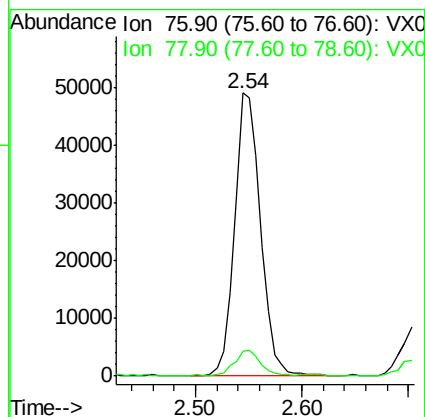
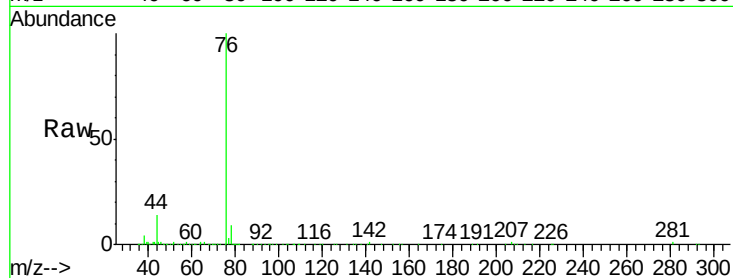
78 8.5 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 5.029 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018042.D

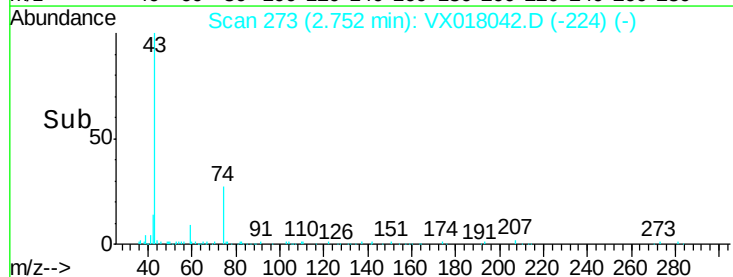
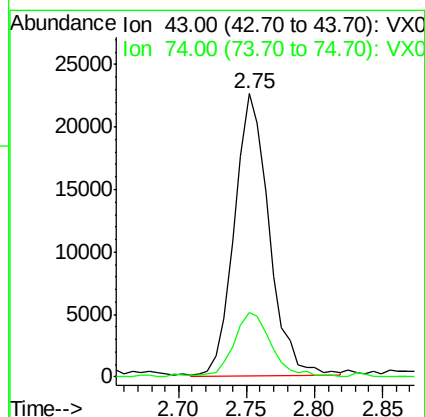
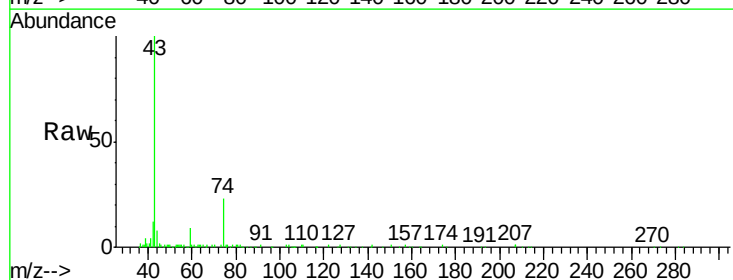
Acq: 20 Aug 2020 19:22

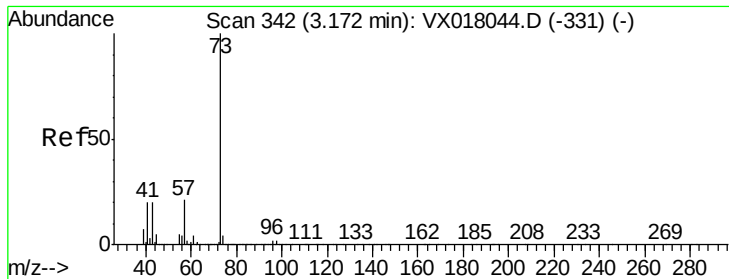
Tgt Ion: 43 Resp: 40423

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





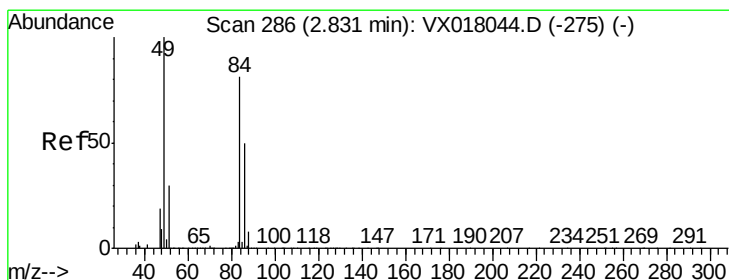
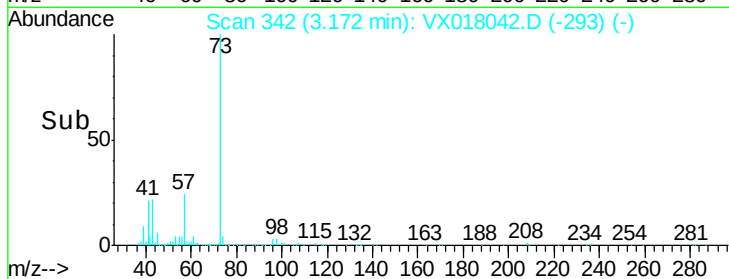
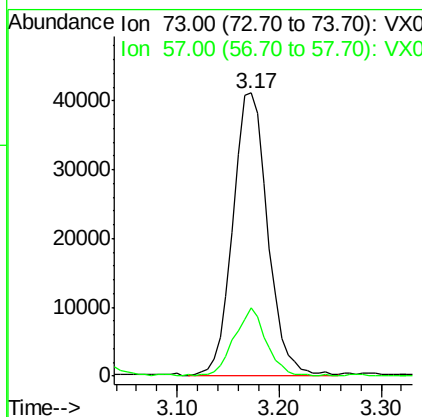
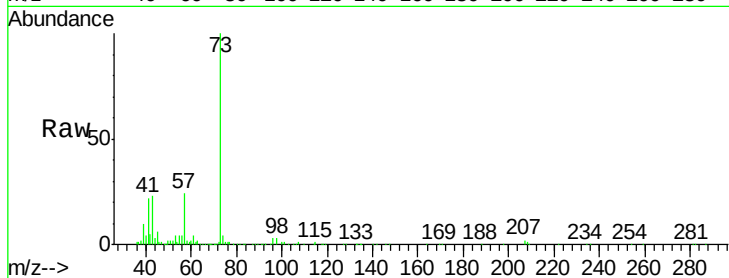
#19
Methyl tert-butyl Ether
Concen: 4.859 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	16.8	25.2

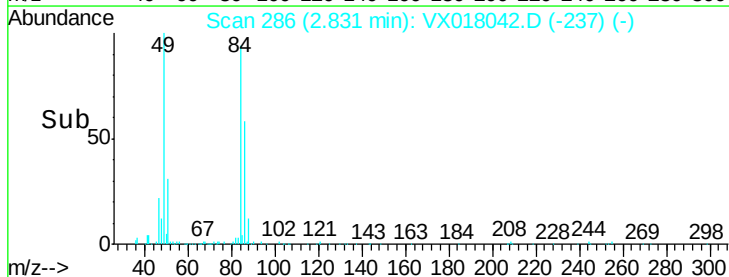
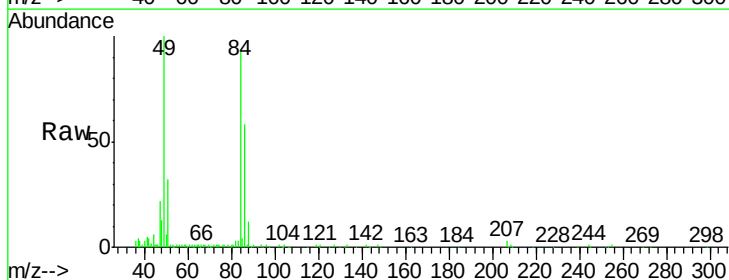
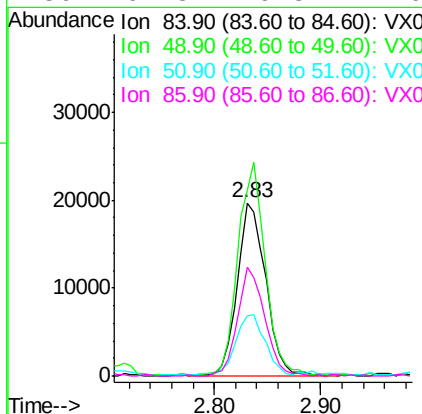
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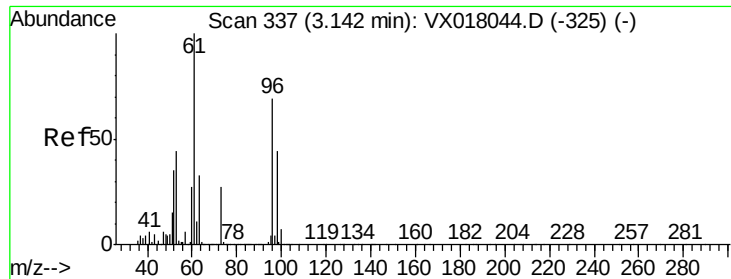
MMDadoda
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#20
Methylene Chloride
Concen: 5.467 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.8	98.6	148.0
51	34.1	29.6	44.4
86	62.3	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 4.886 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

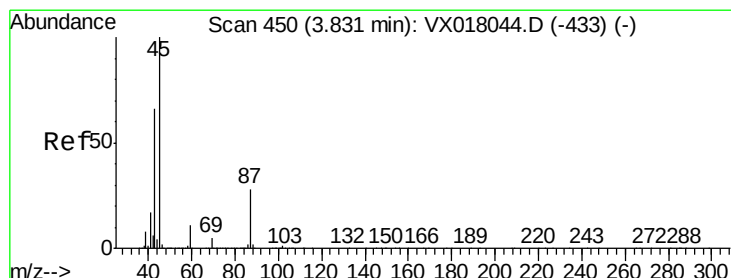
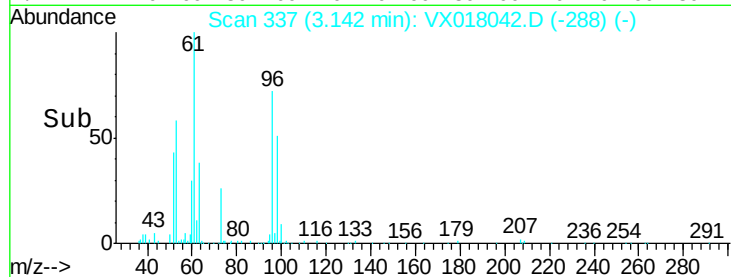
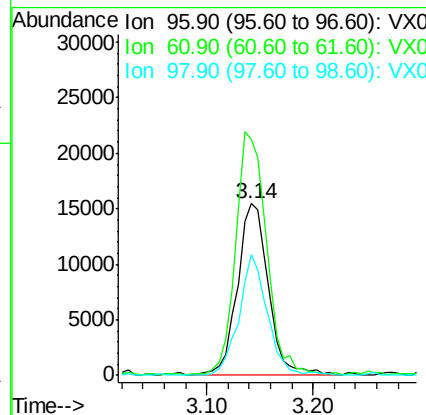
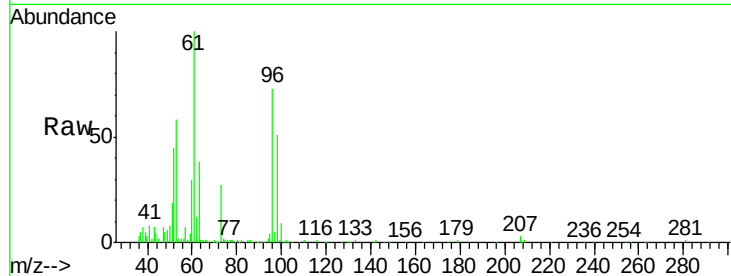
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	31723
Ion	Ratio	Lower	Upper
96	100		
61	137.1	115.4	173.0
98	70.1	51.1	76.7

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#22

Diisopropyl ether

Concen: 5.074 ug/l

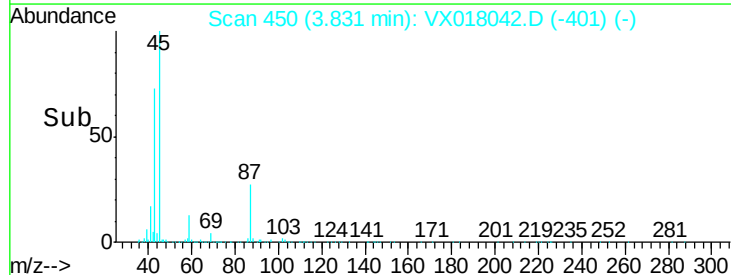
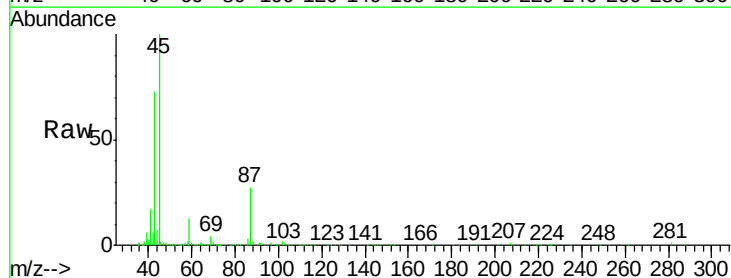
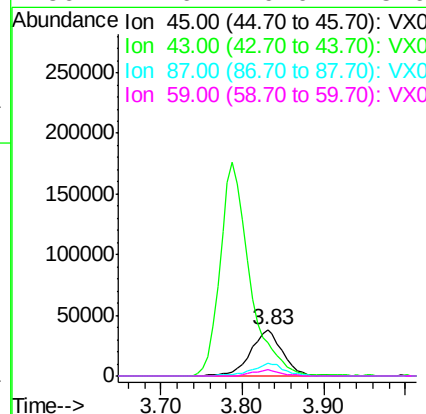
RT: 3.83 min Scan# 450

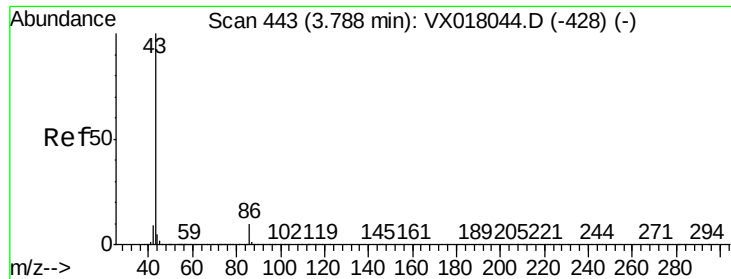
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	45	Resp:	102790
Ion	Ratio	Lower	Upper
45	100		
43	71.8	52.8	79.2
87	27.1	22.5	33.7
59	12.6	9.0	13.6





#23

Vinyl Acetate

Concen: 24.912 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 444620

Ion Ratio Lower Upper

43 100

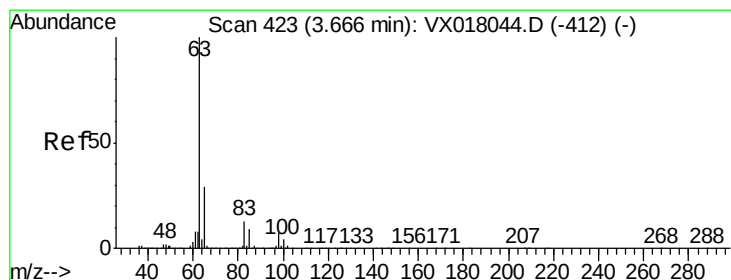
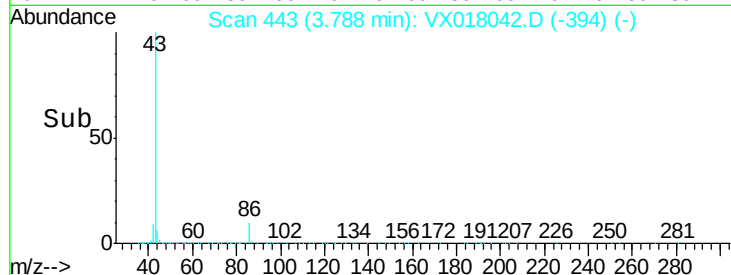
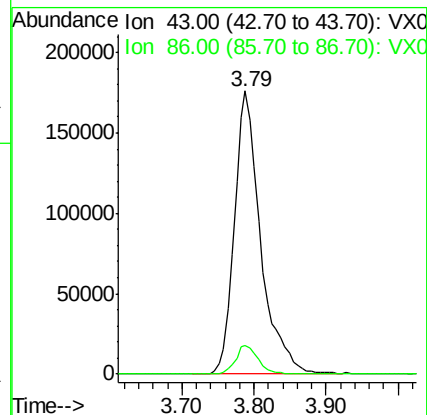
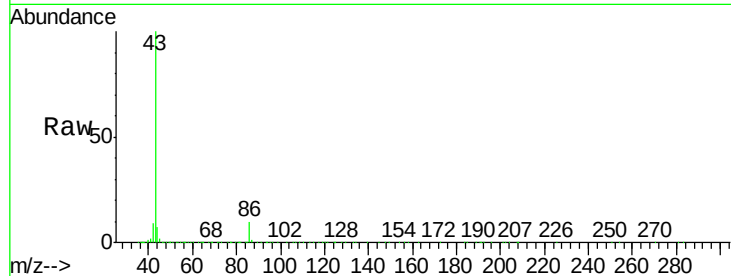
86 9.9 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.241 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

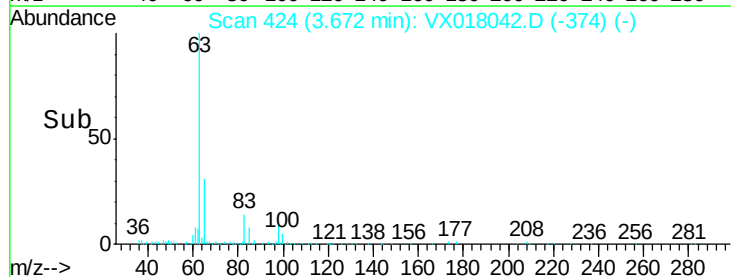
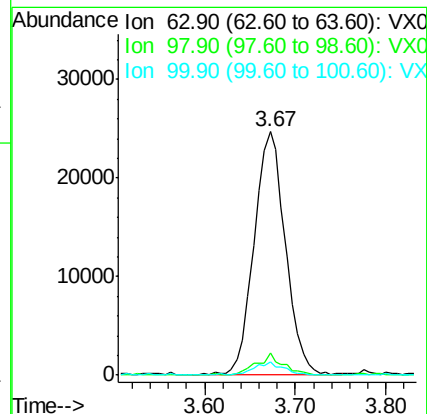
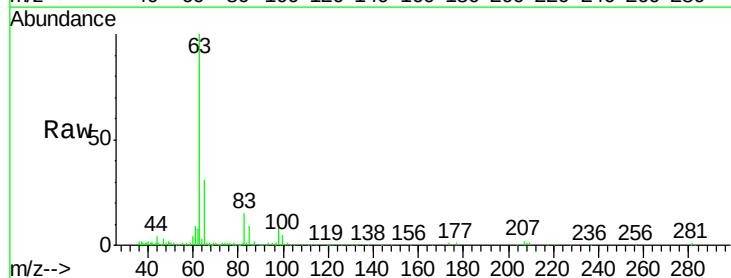
Tgt Ion: 63 Resp: 59479

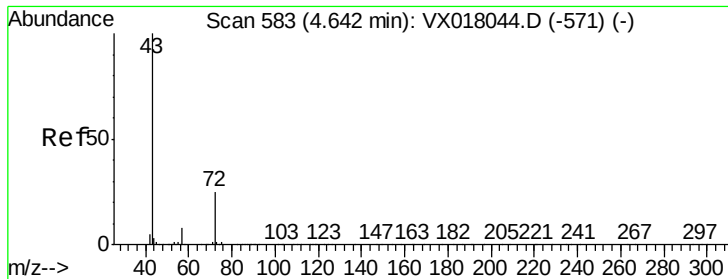
Ion Ratio Lower Upper

63 100

98 9.4 3.6 10.8

100 5.4 2.0 6.0





#25

2-Butanone

Concen: 24.699 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tot Ion: 43 Resp: 130138

Ion Ratio Lower Upper

43 100

72 25.2 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

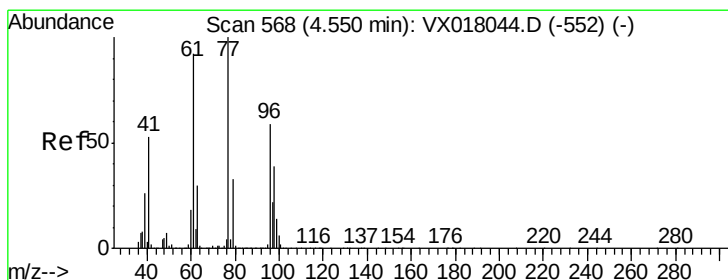
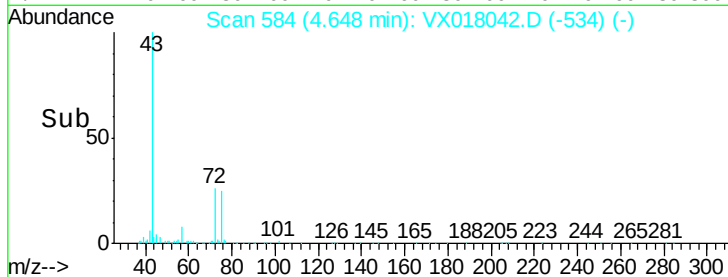
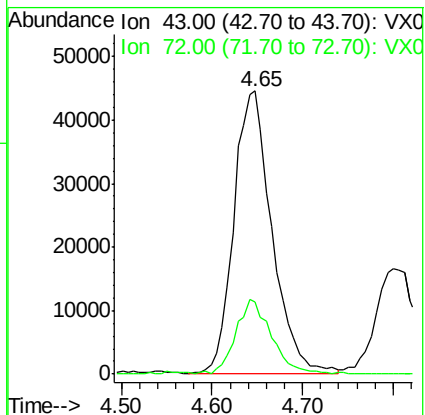
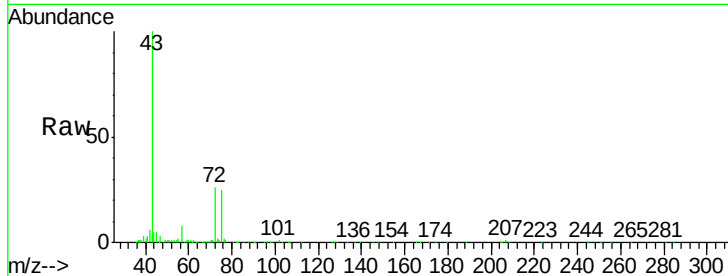
VSTDIC005

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.655 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018042.D

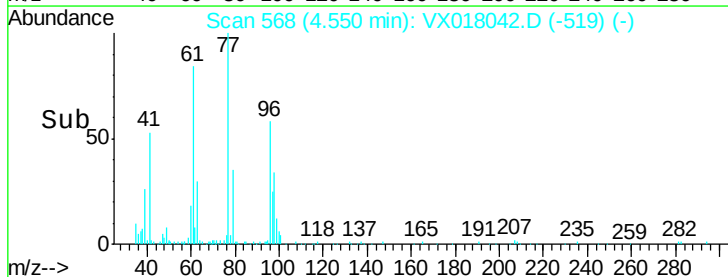
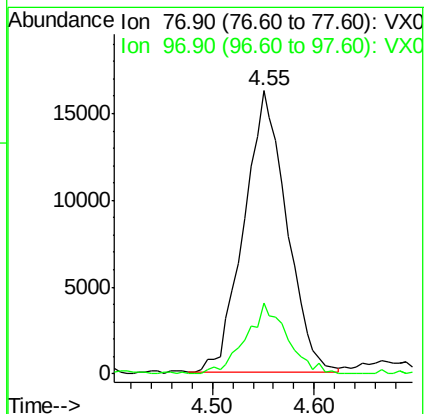
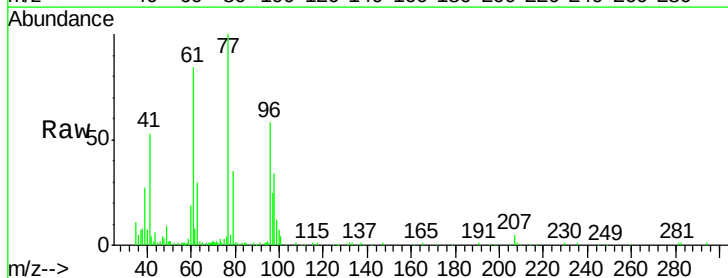
Acq: 20 Aug 2020 19:22

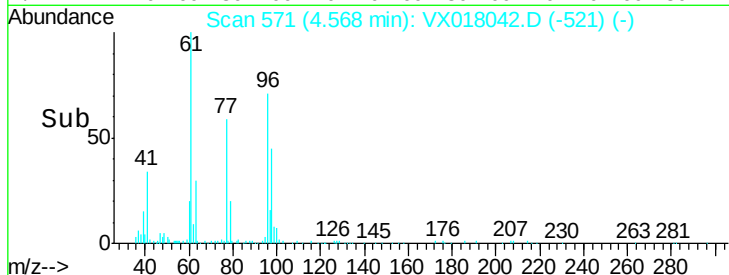
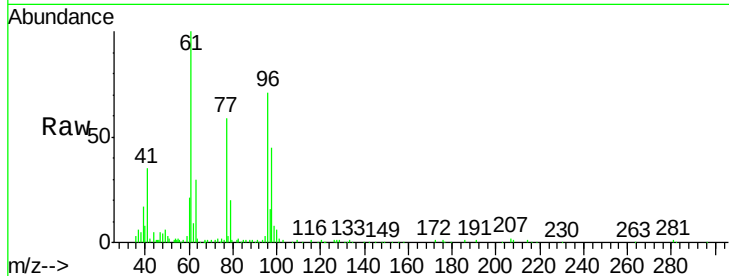
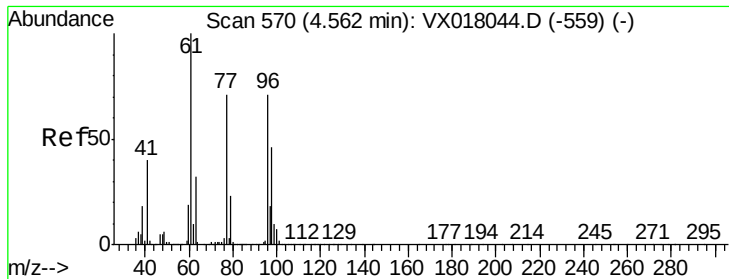
Tgt Ion: 77 Resp: 47356

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 5.096 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018042.D

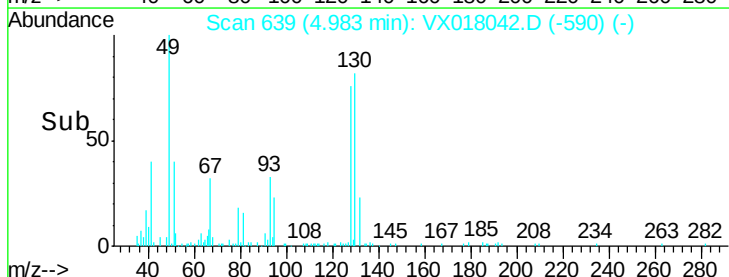
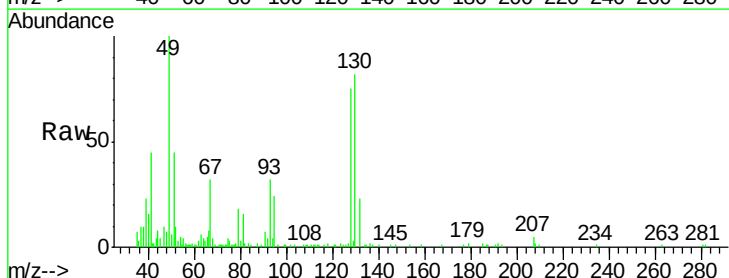
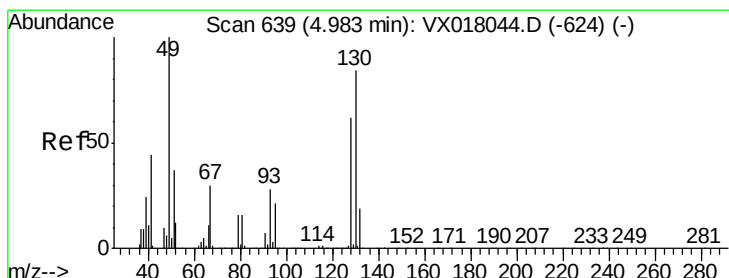
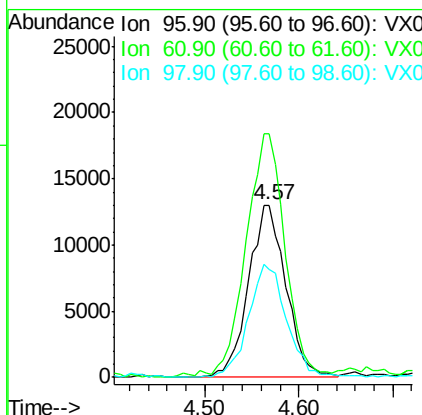
Acq: 20 Aug 2020 19:22

Tot Ion	Ratio	Resp	Lower	Upper
96	100	36231		
61	148.1	0.0	296.6	
98	66.2	0.0	130.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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#28

Bromochloromethane

Concen: 5.221 ug/l

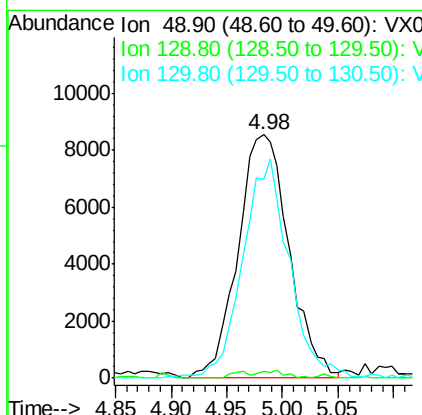
RT: 4.98 min Scan# 639

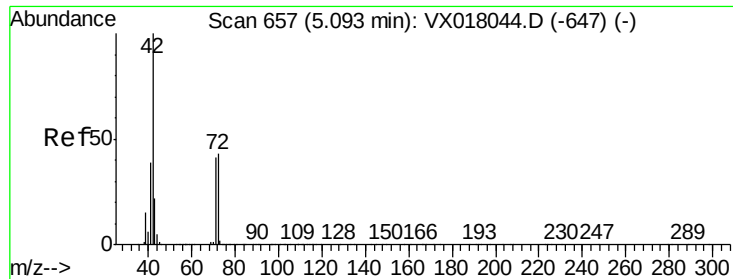
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	27249		
129	1.5	0.0	4.6	
130	82.0	64.6	96.8	





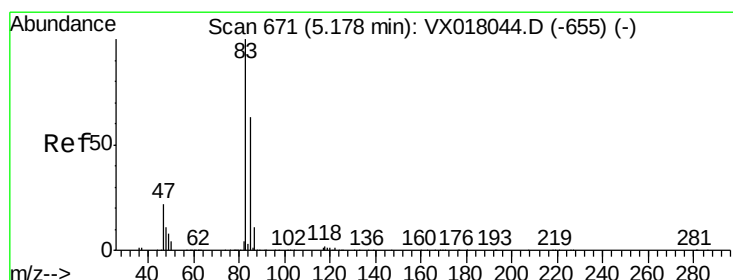
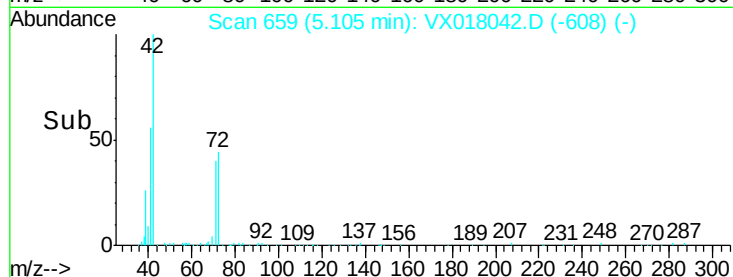
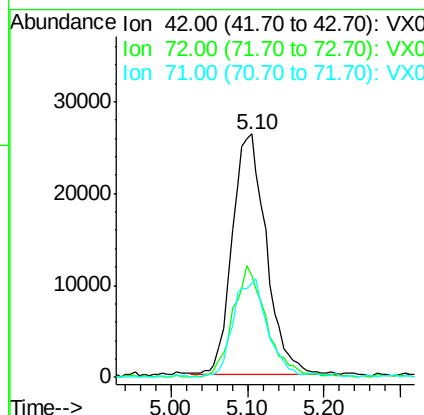
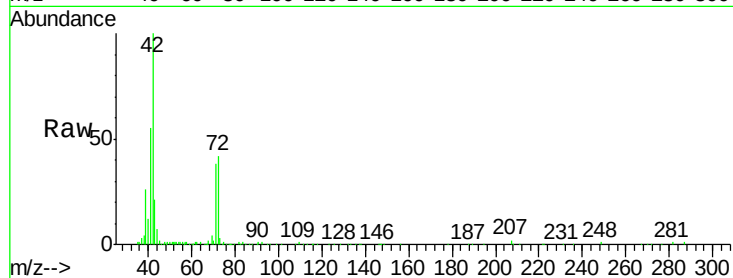
#29
Tetrahydrofuran
Concen: 23.207 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	34.2	51.4
71	41.1	32.1	48.1

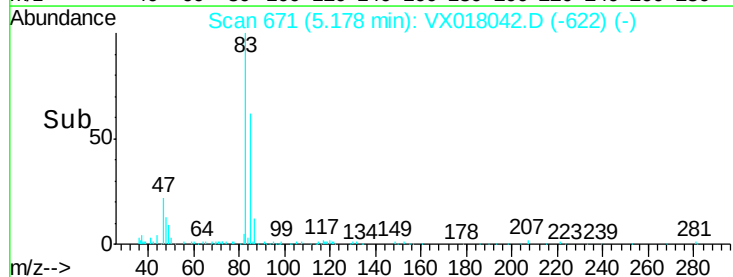
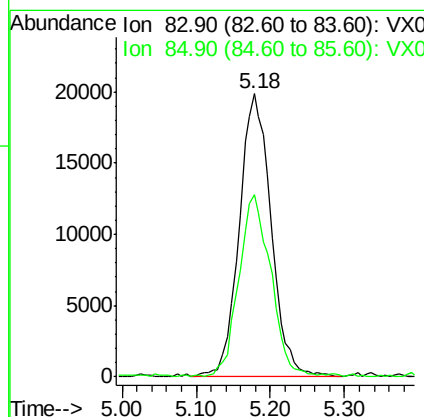
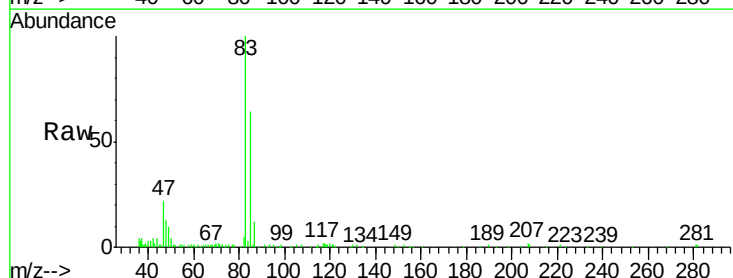
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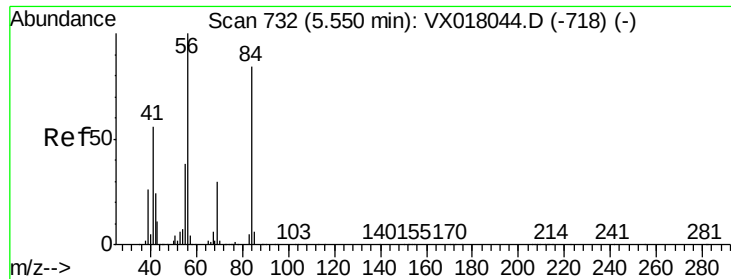
MMDadoda
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#30
Chloroform
Concen: 5.265 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1





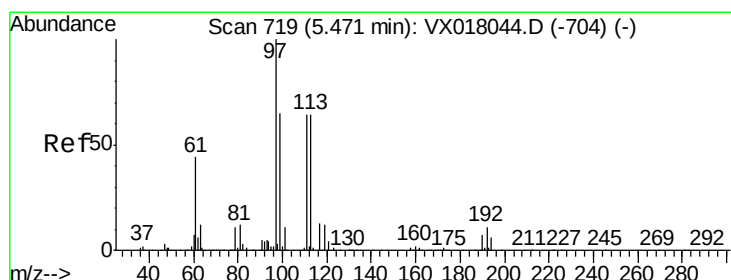
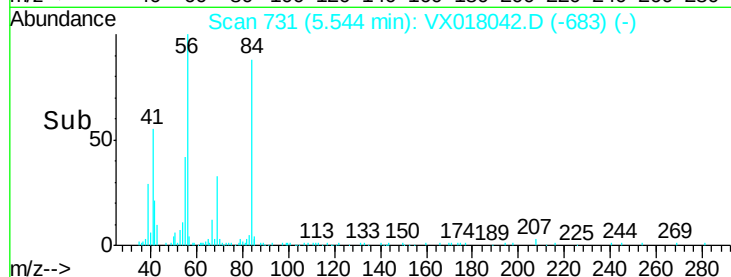
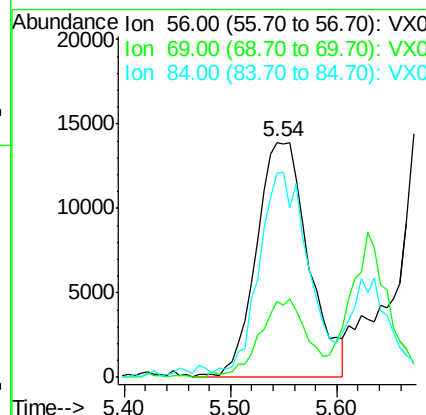
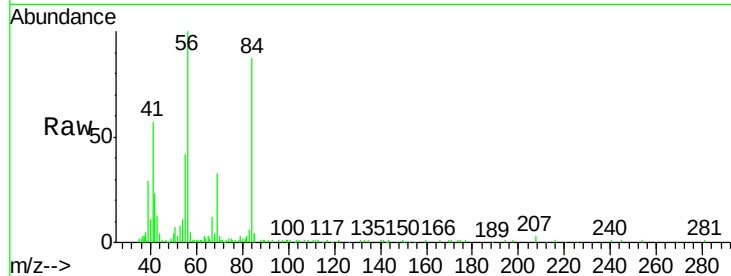
#31
Cyclohexane
Concen: 4.666 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	23.9	35.9
84	85.0	67.0	100.4

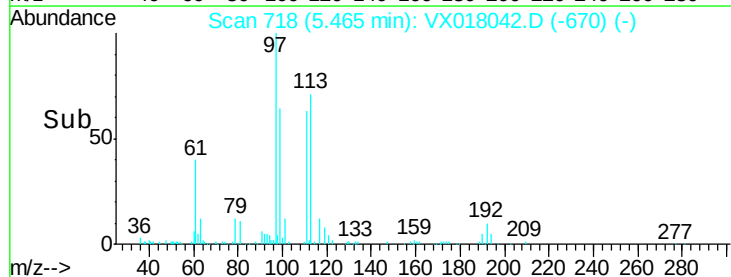
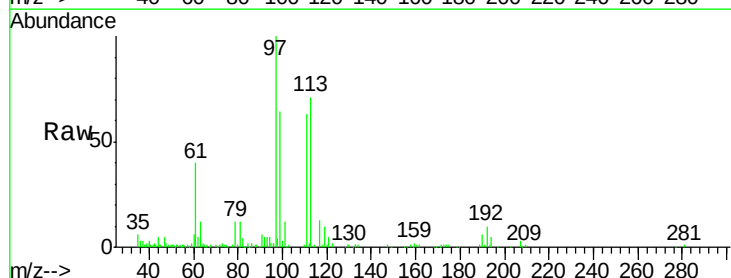
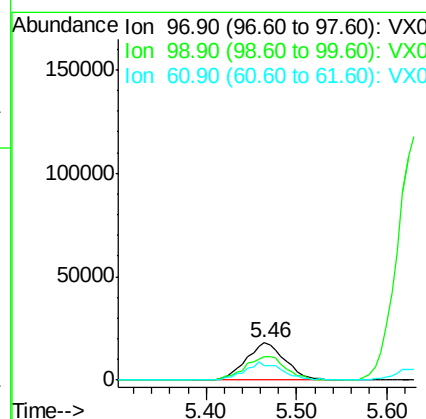
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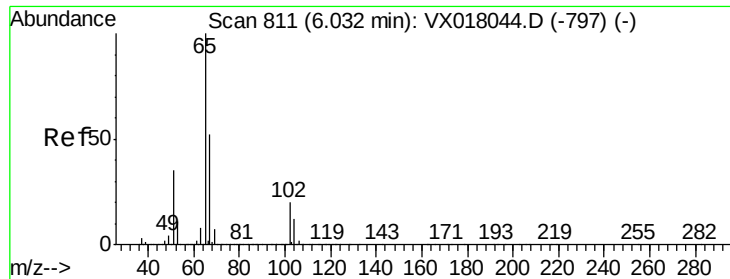
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#32
1,1,1-Trichloroethane
Concen: 5.198 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.4	77.0
61	44.5	34.2	51.4





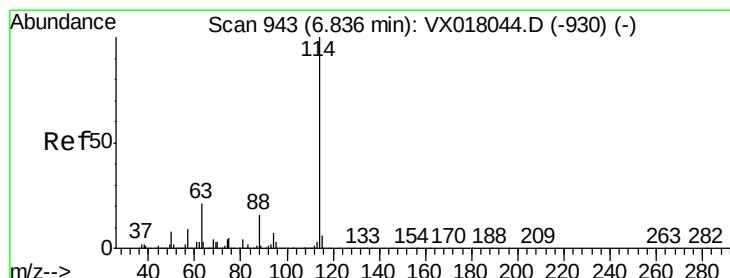
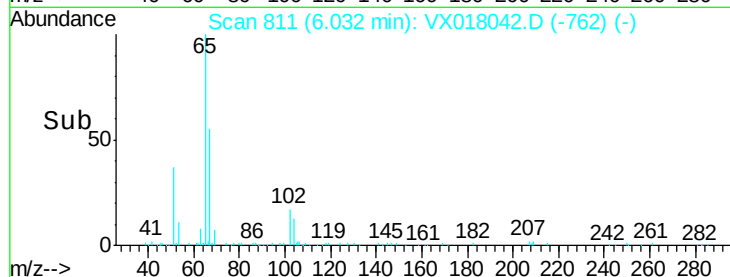
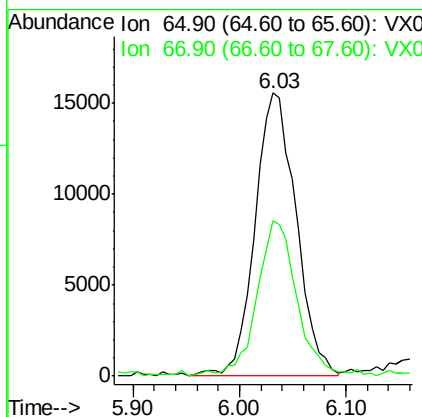
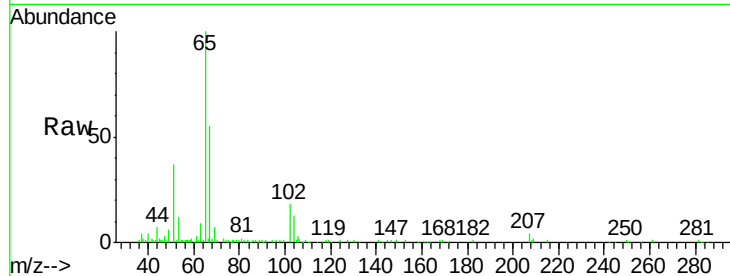
#33
 1,2-Dichloroethane-d4
 Concen: 5.568 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.8

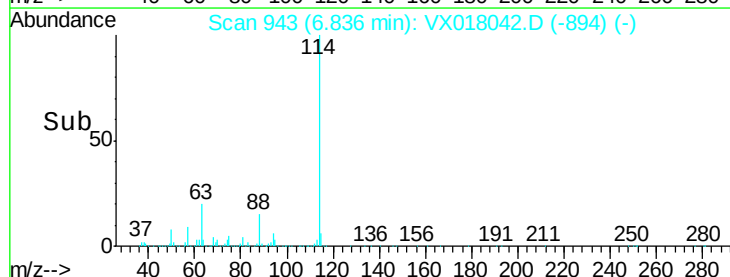
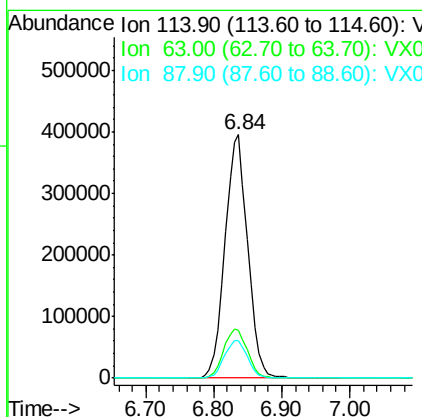
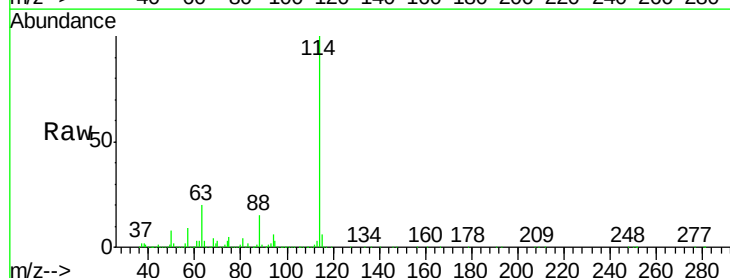
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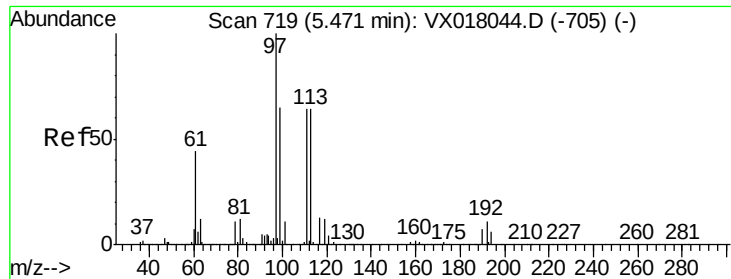
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.6
88	15.5	0.0	31.8





#35

Dibromofluoromethane

Concen: 5.618 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

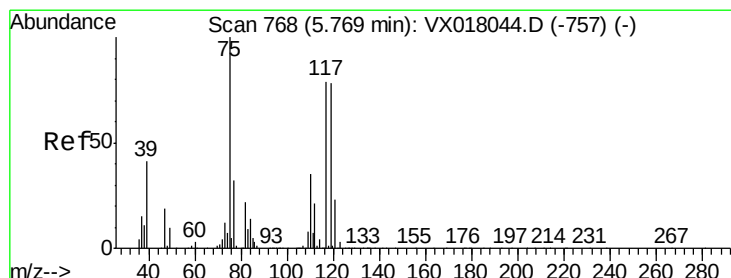
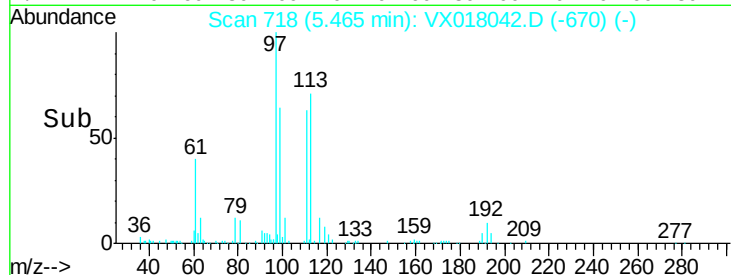
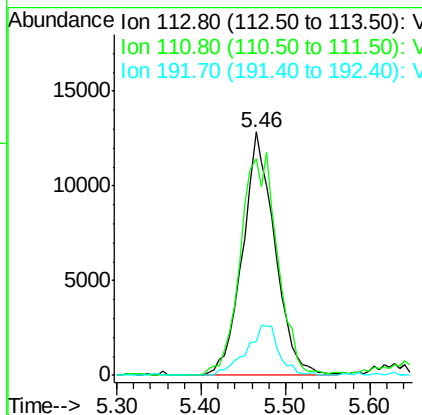
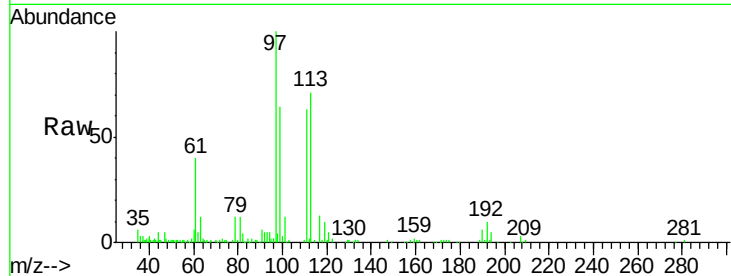
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	33219
Ion Ratio	Lower	Upper	
113	100		
111	104.8	81.6	122.4
192	21.0	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 4.842 ug/l

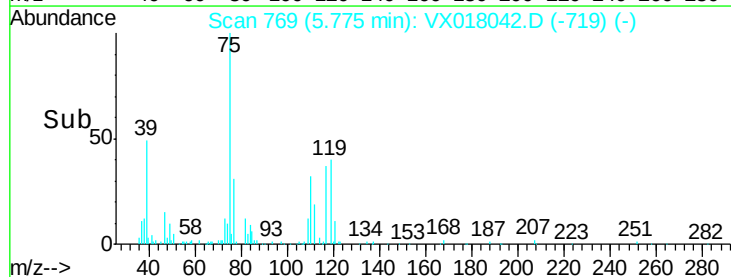
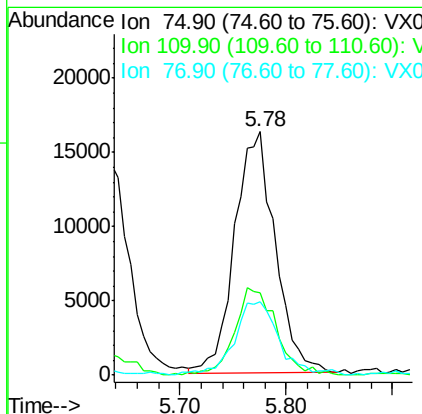
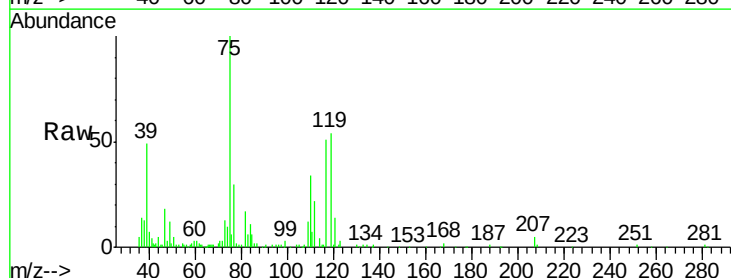
RT: 5.78 min Scan# 769

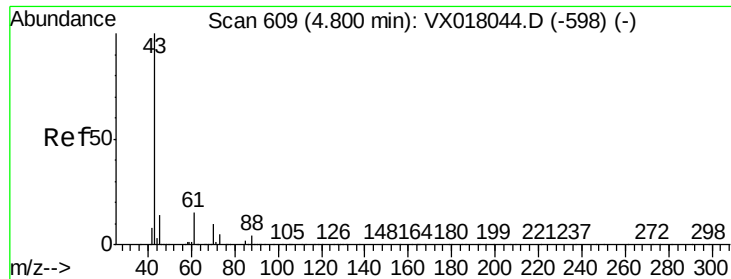
Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	75	Resp:	43394
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.0	54.0
77	33.0	24.4	36.6





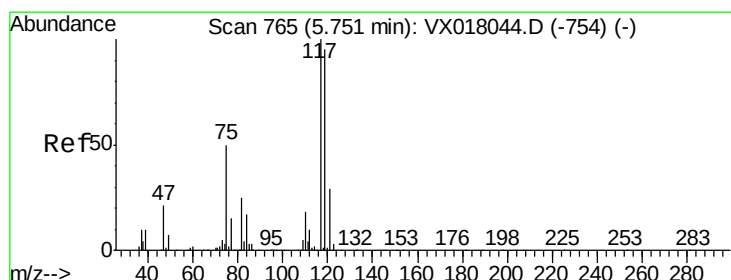
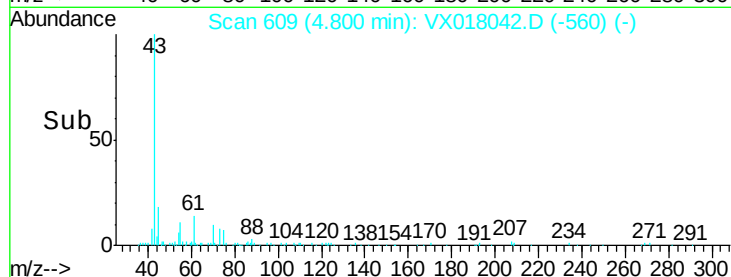
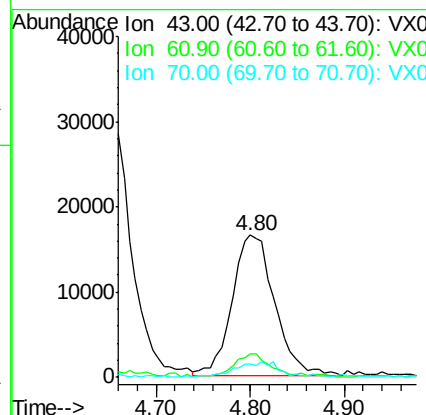
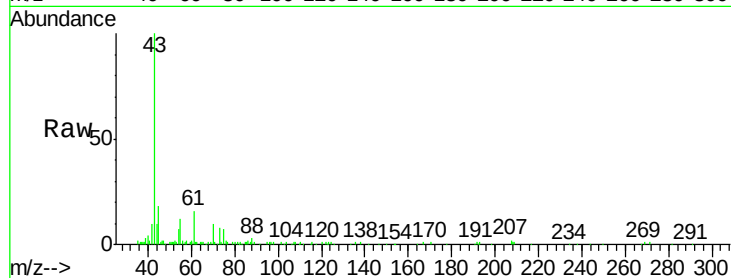
#37
Ethyl Acetate
Concen: 5.060 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	11.4	8.2	12.4

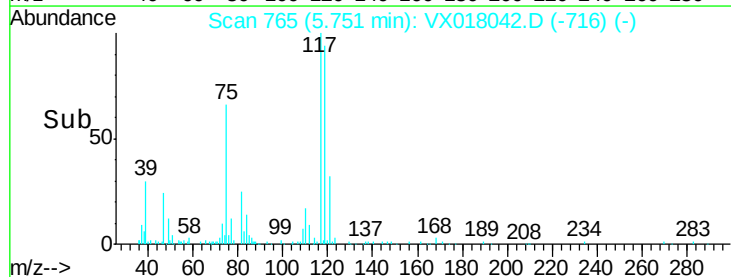
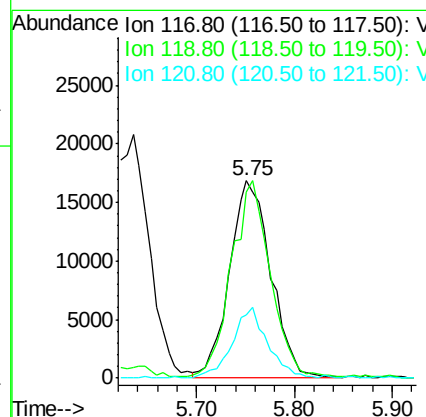
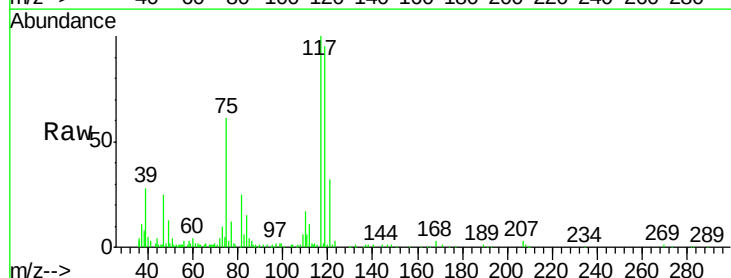
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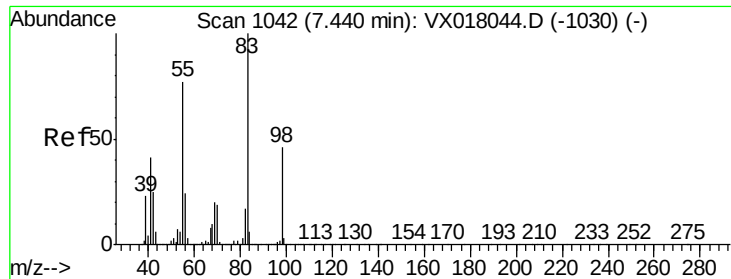
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#38
Carbon Tetrachloride
Concen: 5.317 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.6
121	32.2	23.4	35.0





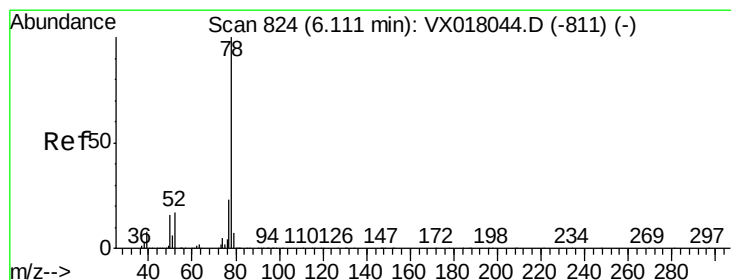
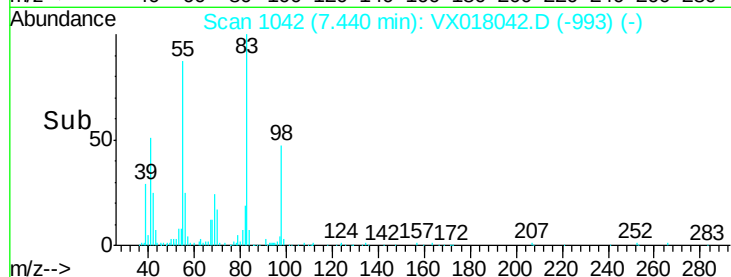
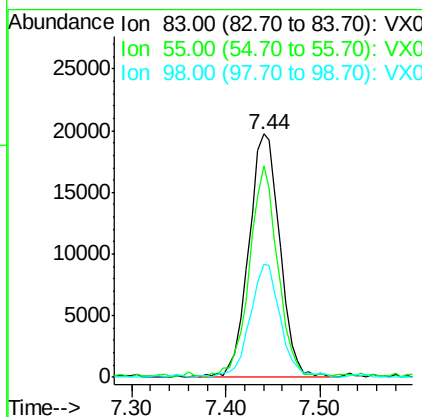
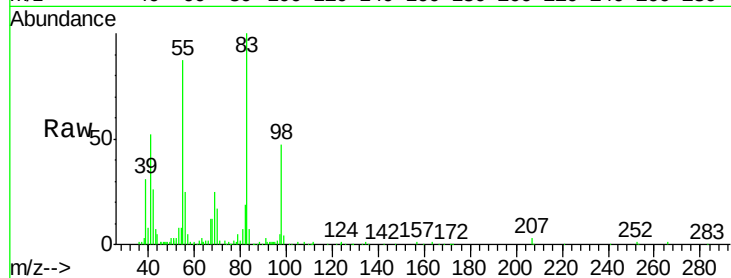
#39
Methylvlcyclohexane
Concen: 4.280 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.2	61.8	92.6
98	46.7	36.6	55.0

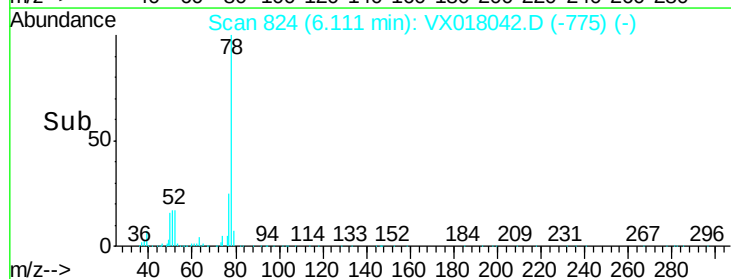
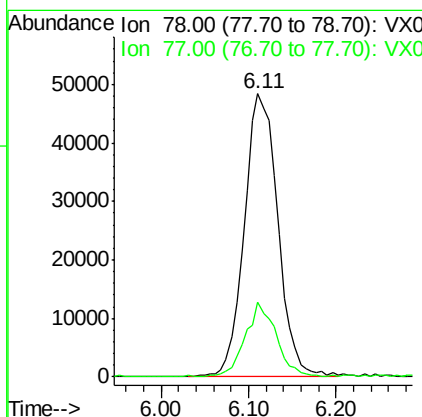
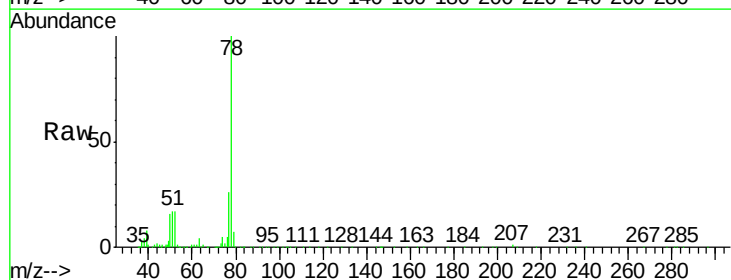
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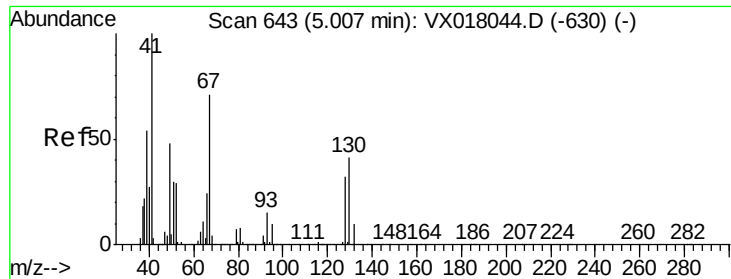
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#40
Benzene
Concen: 4.957 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.0	18.2	27.2





#41

Methacrylonitrile

Concen: 4.623 ug/l

RT: 5.01 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

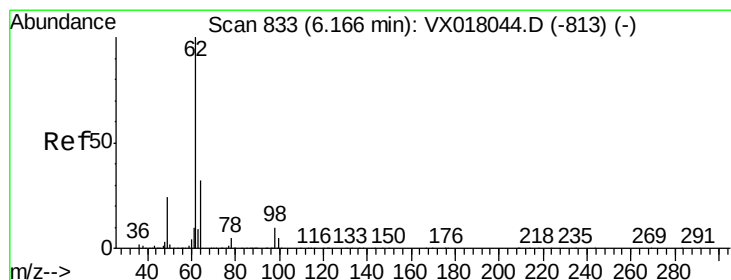
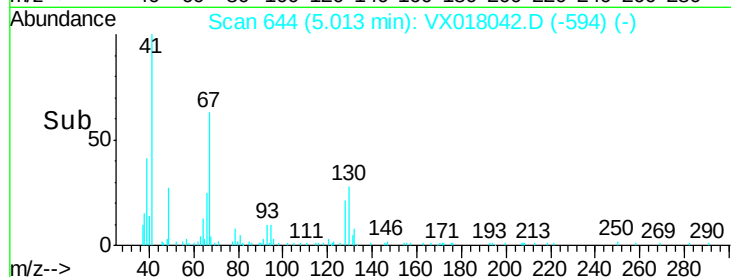
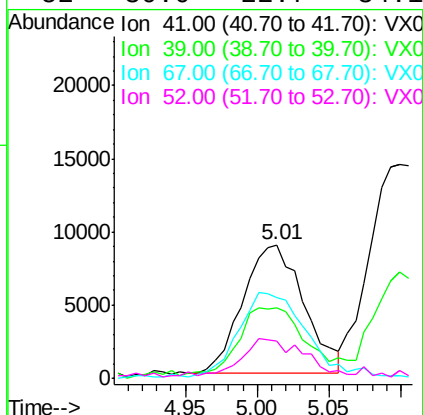
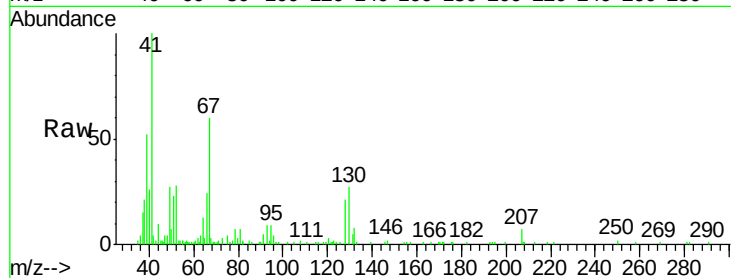
ClientSampleId :

VSTDIC005

Tot Ion:	41	Resp:	25727
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.1	64.7
67	74.0	56.0	84.0
52	30.0	22.7	34.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.283 ug/l

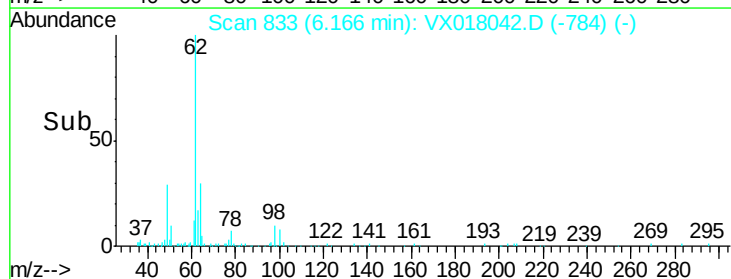
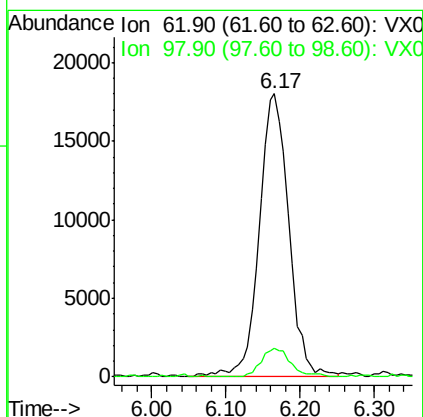
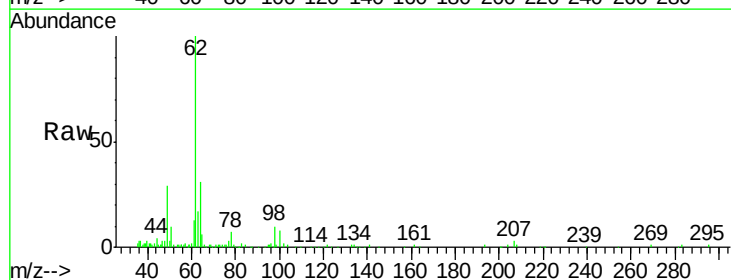
RT: 6.17 min Scan# 833

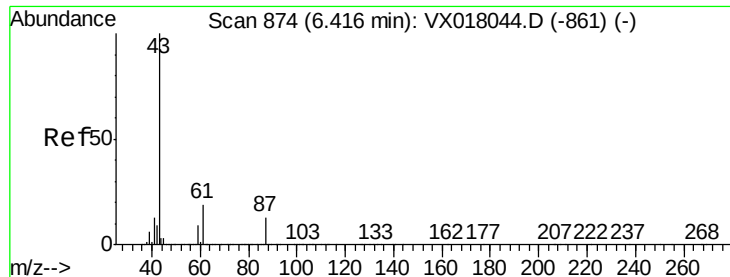
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	62	Resp:	50194
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 4.826 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

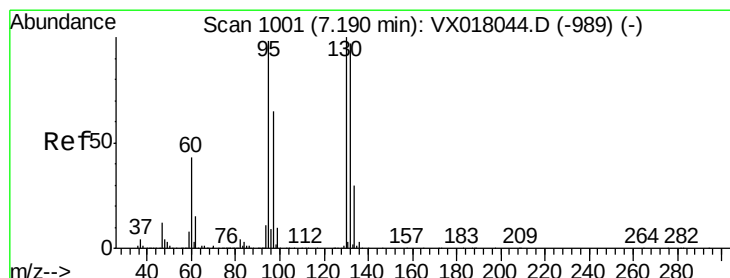
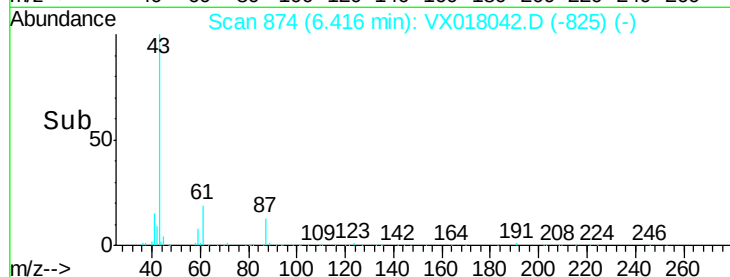
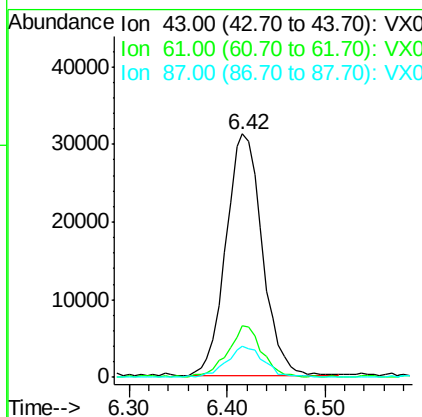
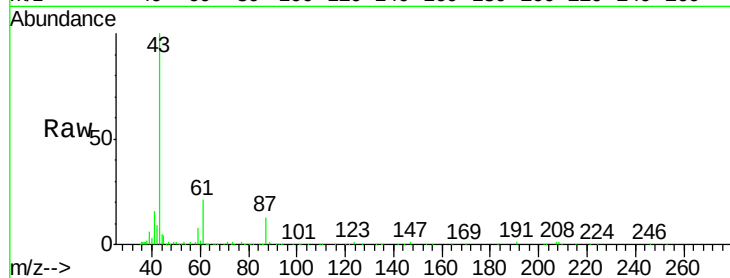
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	79758
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.4	10.3	15.5

Manual Integrations
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#44

Trichloroethene

Concen: 4.091 ug/l

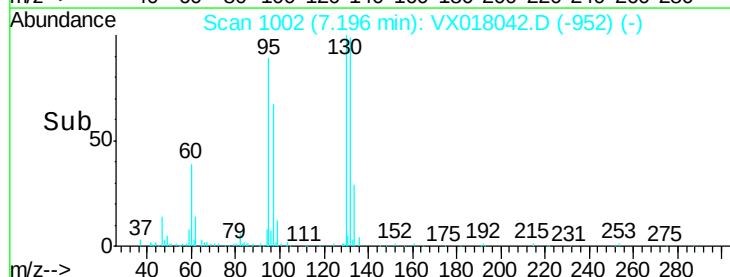
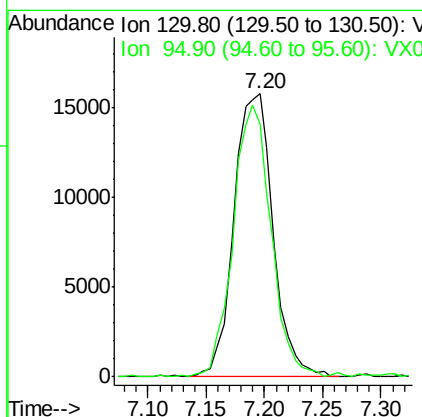
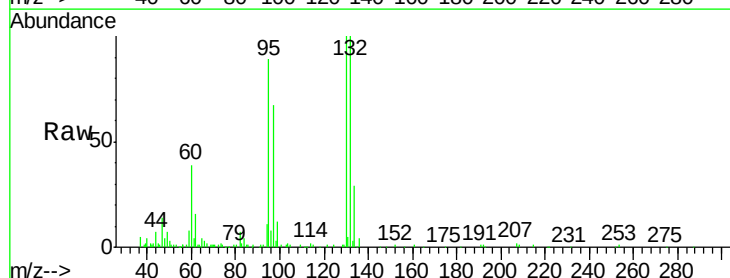
RT: 7.20 min Scan# 1002

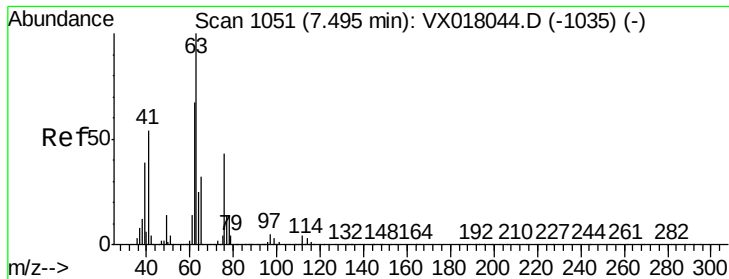
Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	130	Resp:	36916
Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	196.4





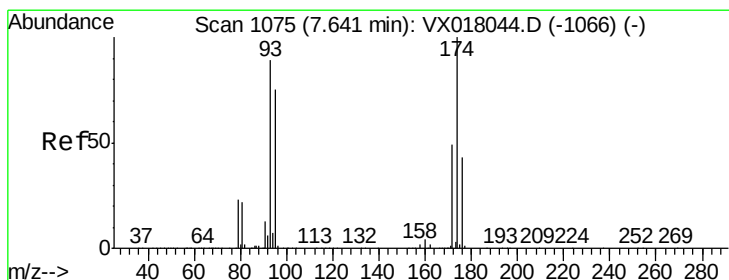
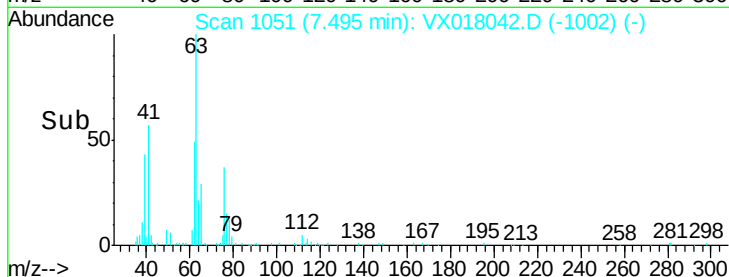
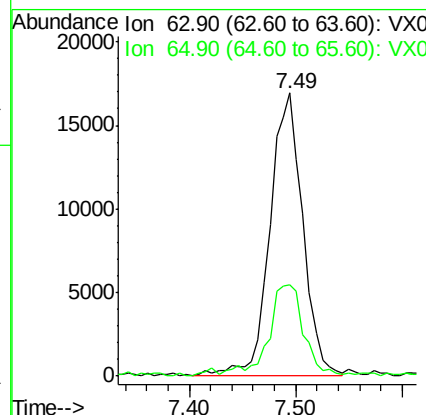
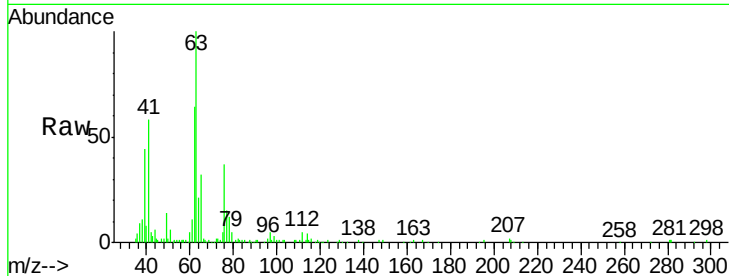
#45
 1,2-Dichloropropane
 Concen: 5.406 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.7	38.5

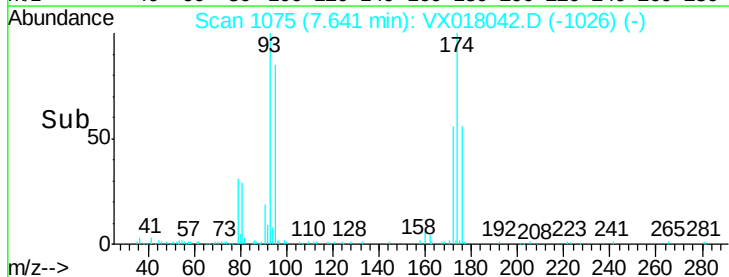
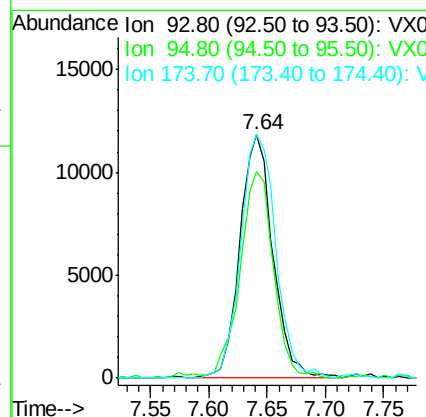
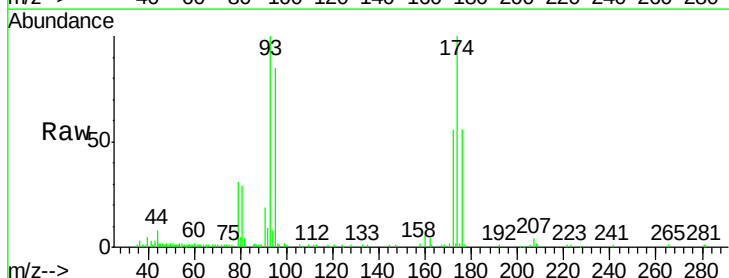
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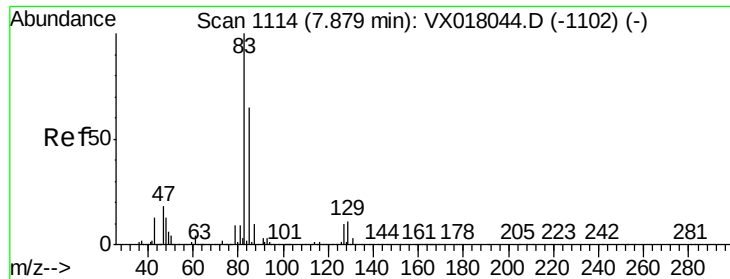
MMDadoda
 8/21/2020 11:23:04 AM



#46
 Dibromomethane
 Concen: 5.147 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.3	100.9
174	106.2	82.2	123.2





#47

Bromodichloromethane

Concen: 5.470 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

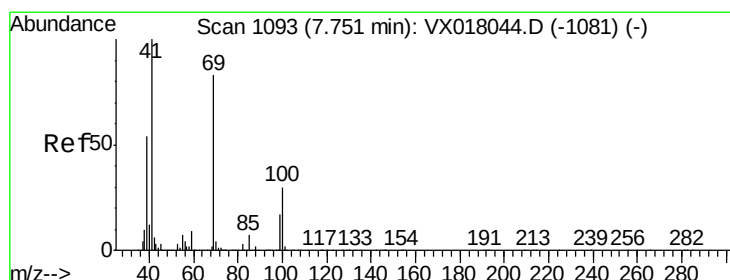
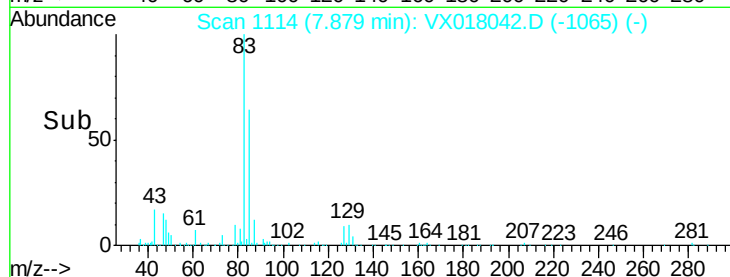
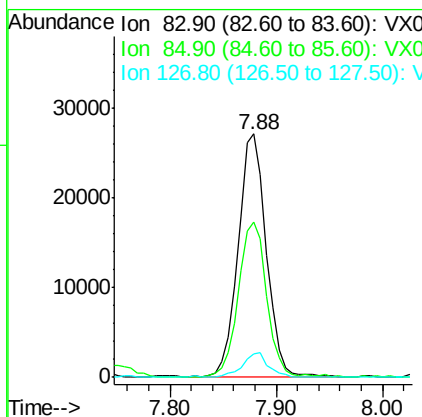
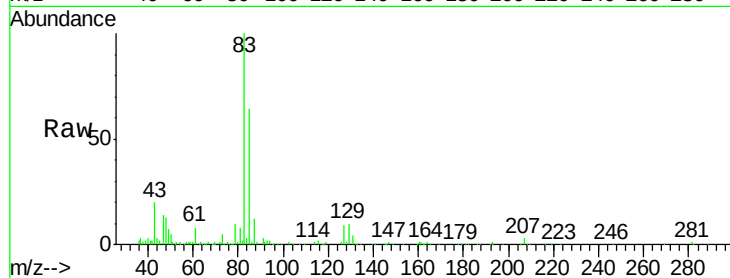
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	50603
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.8	77.6
127	9.4	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.946 ug/l

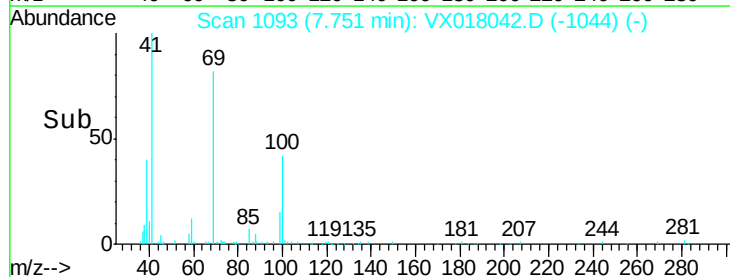
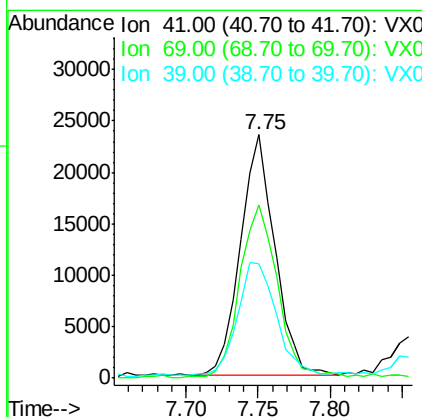
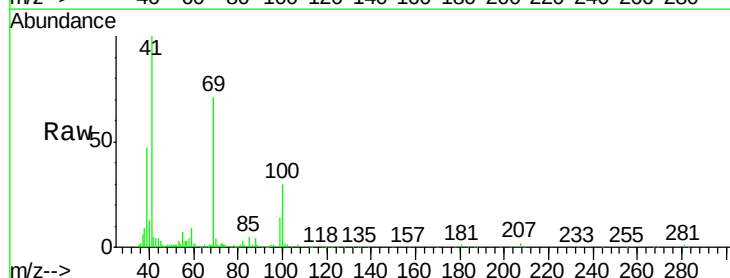
RT: 7.75 min Scan# 1093

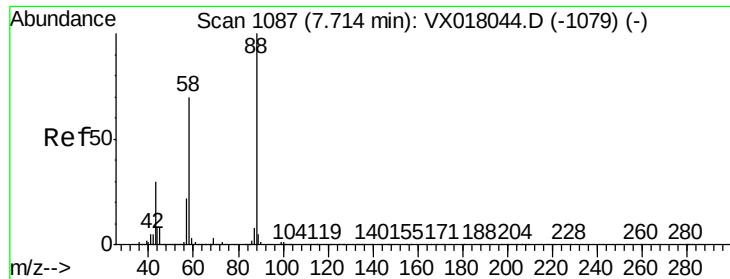
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	41	Resp:	38989
Ion Ratio	Lower	Upper	
41	100		
69	79.4	65.5	98.3
39	52.5	44.5	66.7





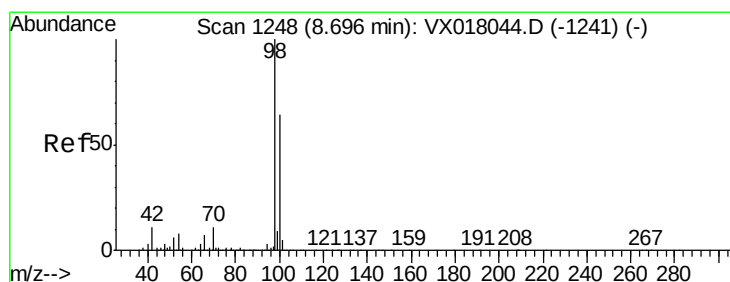
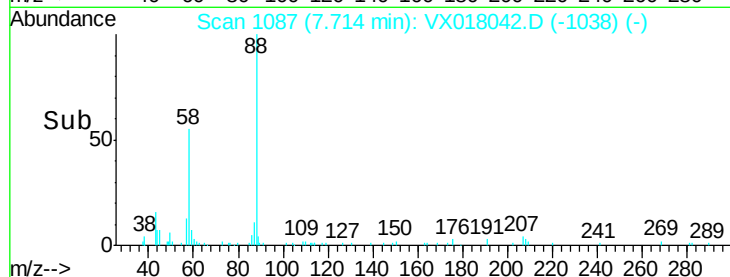
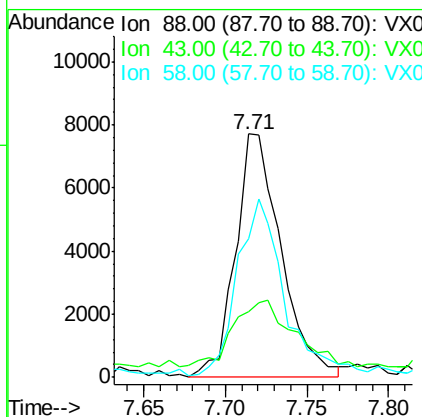
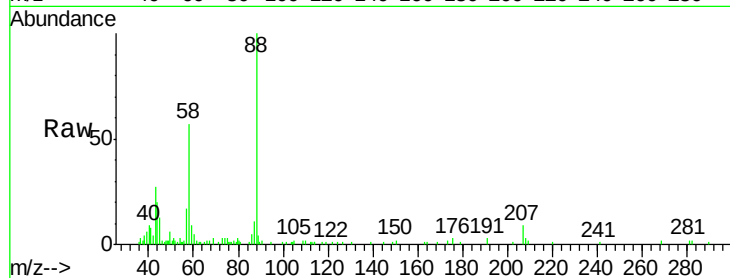
#49
1,4-Dioxane
Concen: 82.410 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	27.4	41.0
58	73.8	56.4	84.6

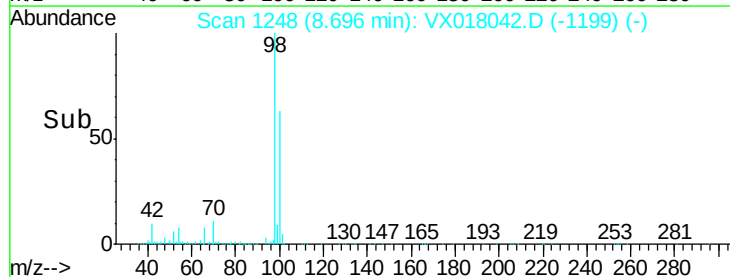
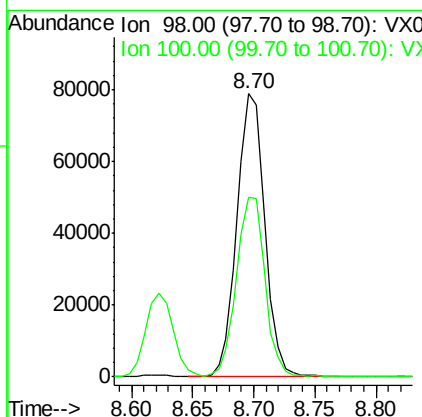
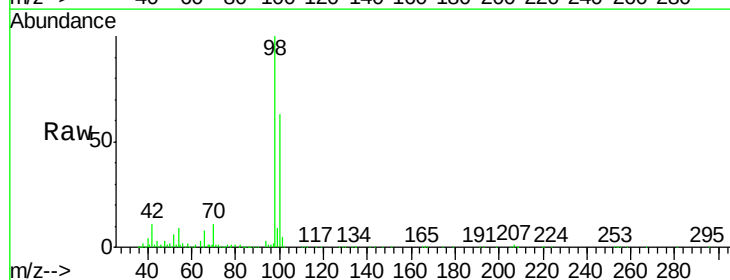
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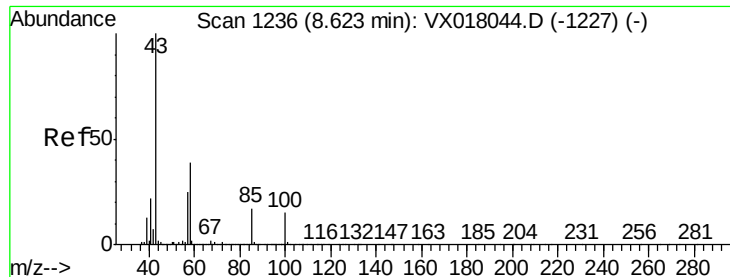
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#50
Toluene-d8
Concen: 5.488 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





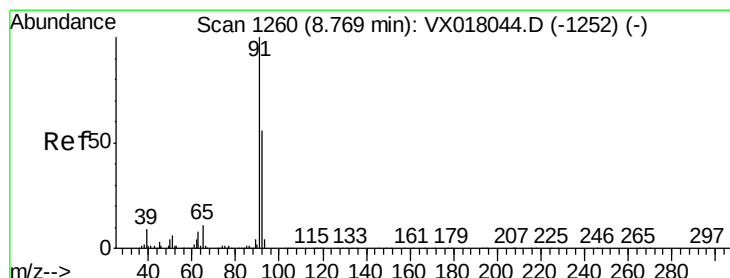
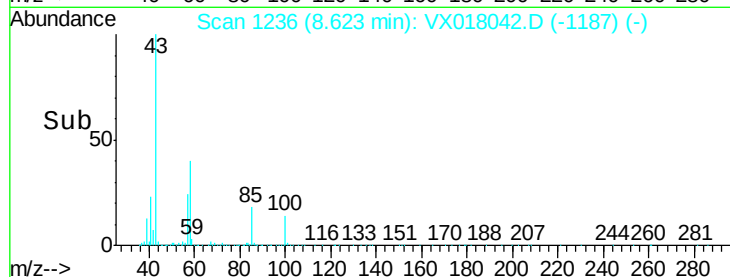
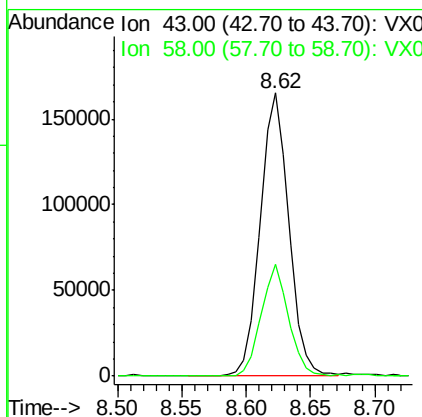
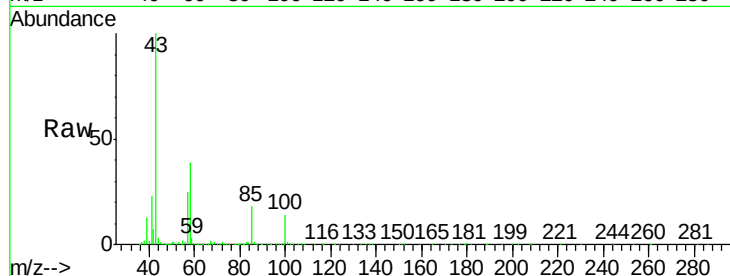
#51
4-Methyl-2-Pentanone
Concen: 24.907 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.7	46.1

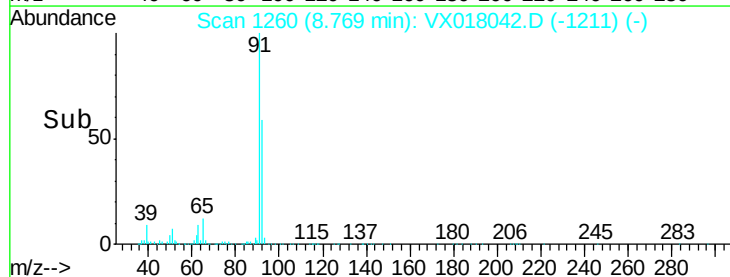
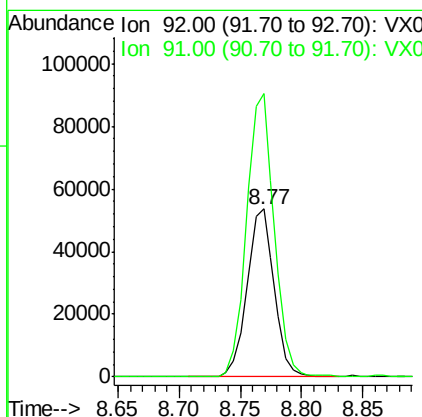
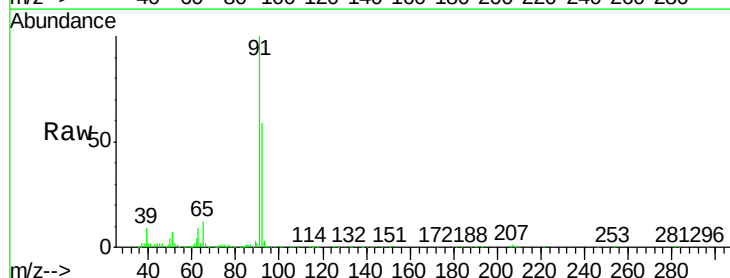
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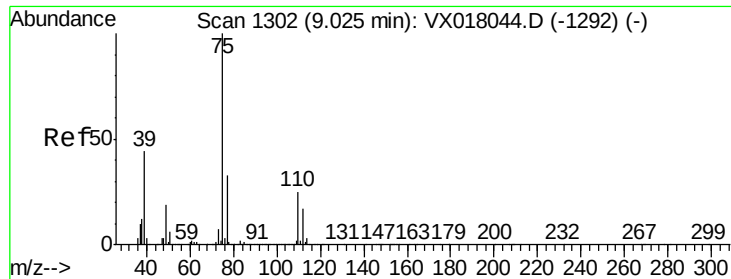
MMDadoda
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#52
Toluene
Concen: 5.078 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	140.3	210.5





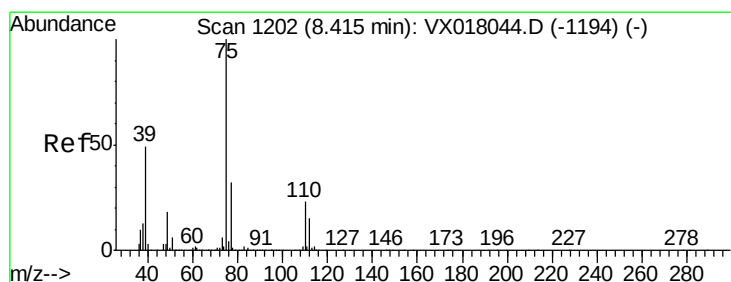
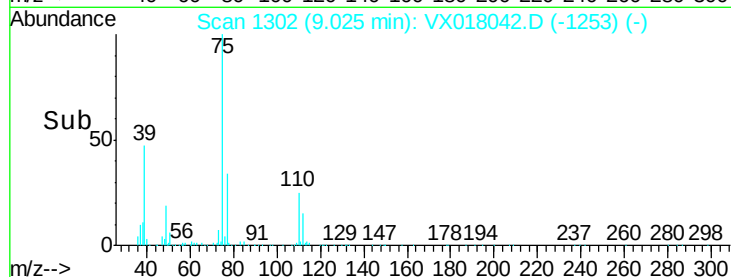
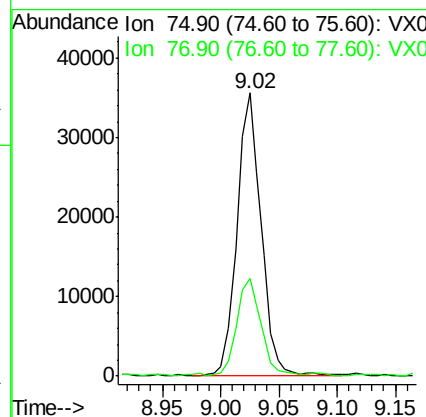
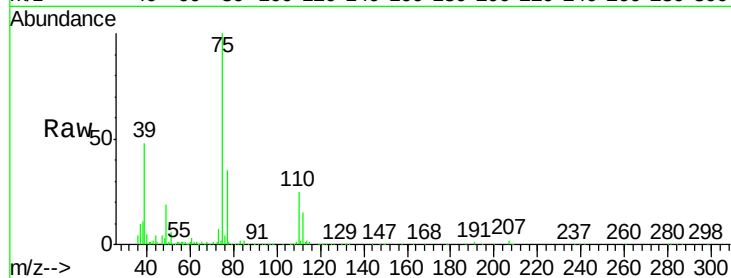
#53
t-1,3-Dichloropropene
Concen: 4.683 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.6	39.8

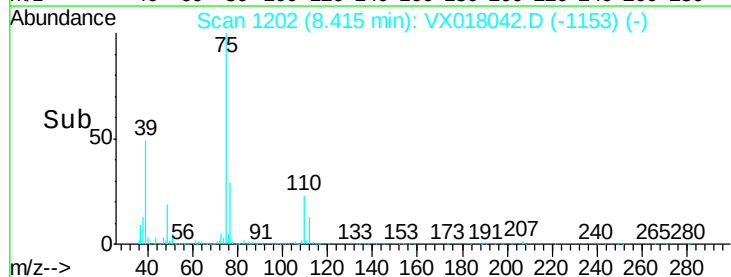
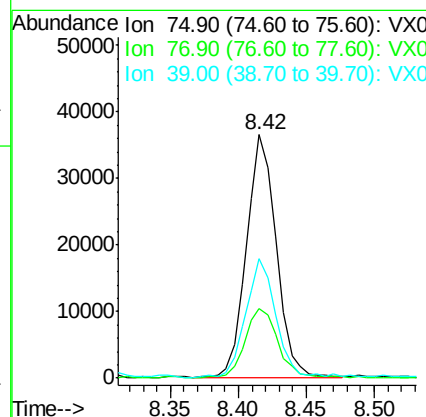
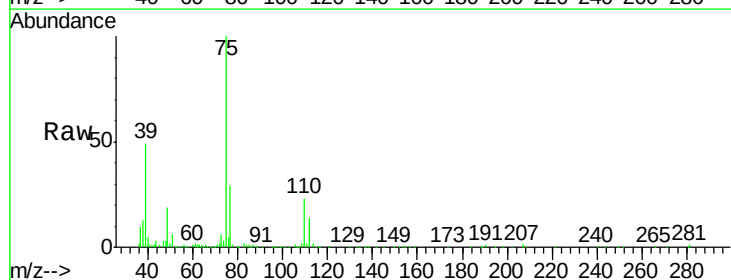
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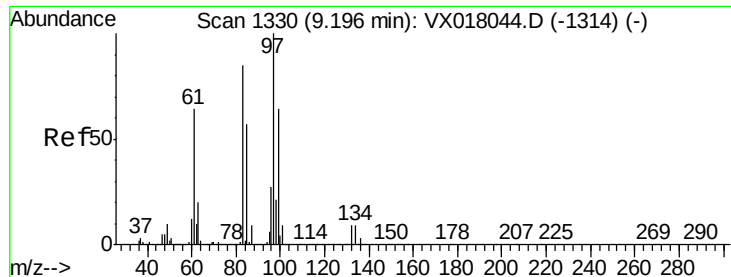
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#54
cis-1,3-Dichloropropene
Concen: 4.921 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.4	25.8	38.8
39	48.6	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 5.717 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

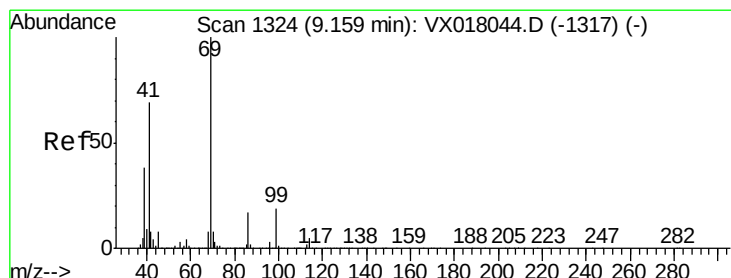
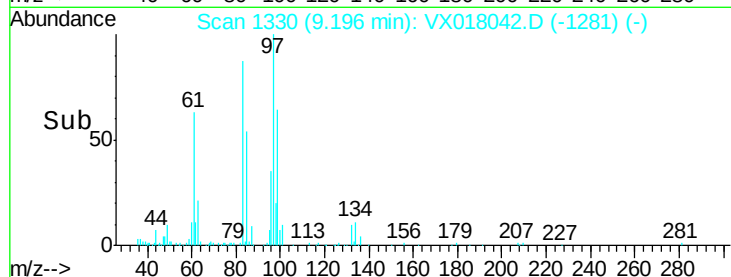
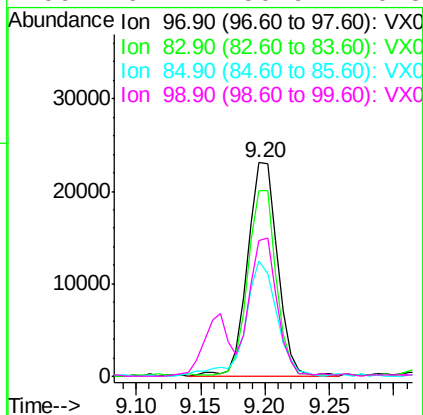
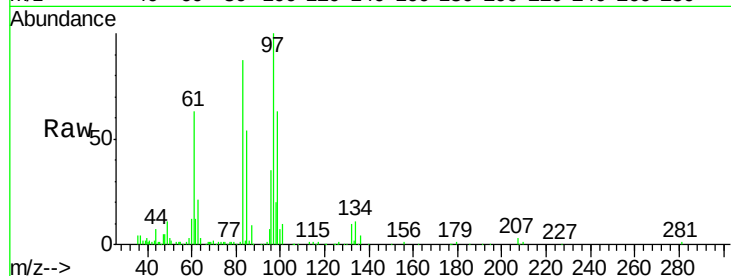
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	37097
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.8	101.6
85	53.3	45.3	67.9
99	62.1	50.9	76.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 4.634 ug/l

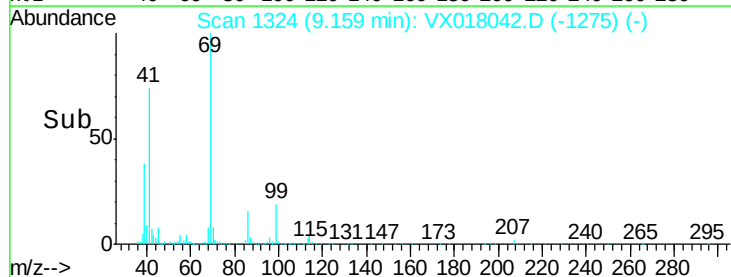
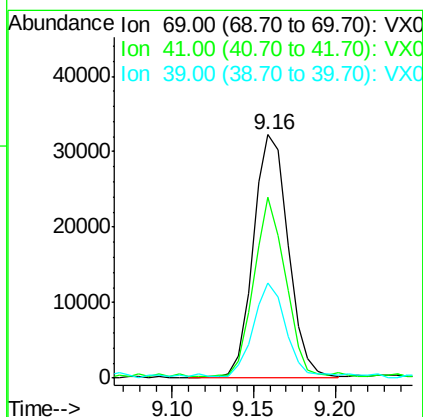
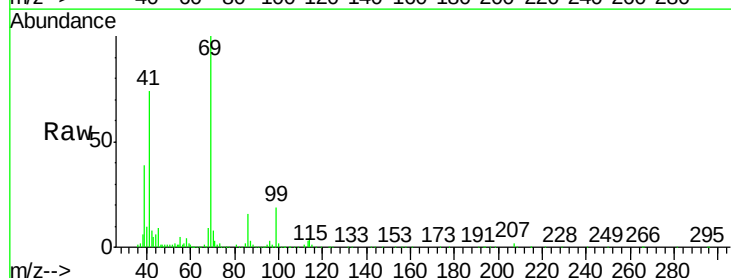
RT: 9.16 min Scan# 1324

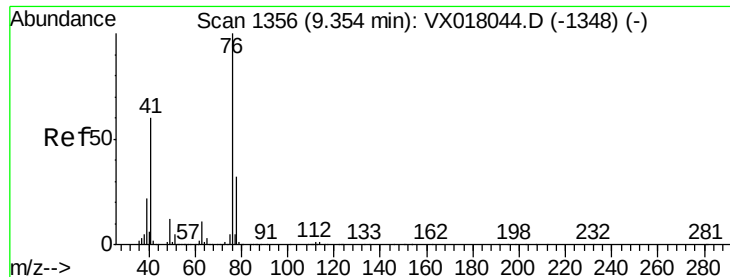
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	69	Resp:	48394
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.6	81.8
39	38.9	29.1	43.7





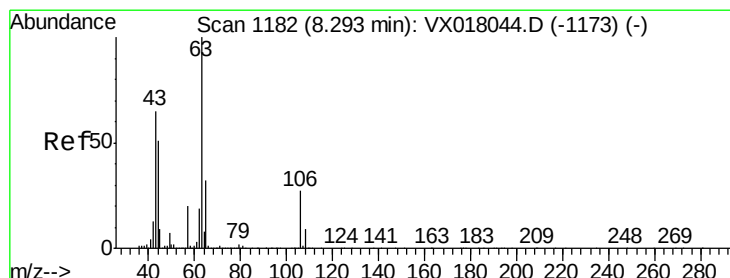
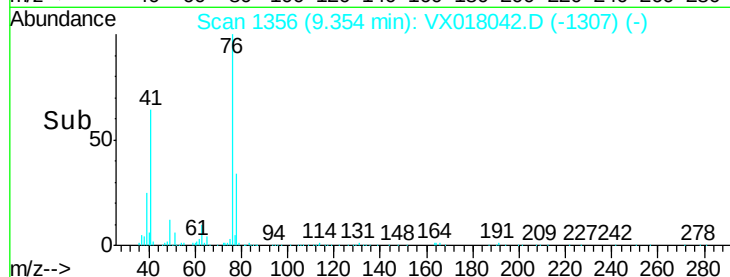
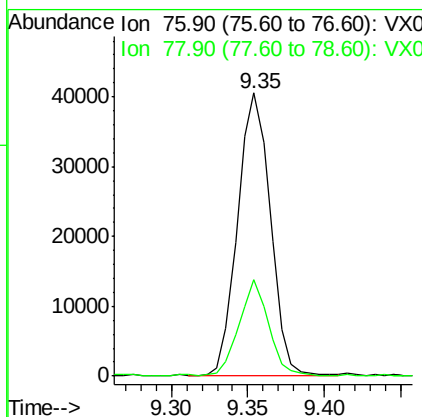
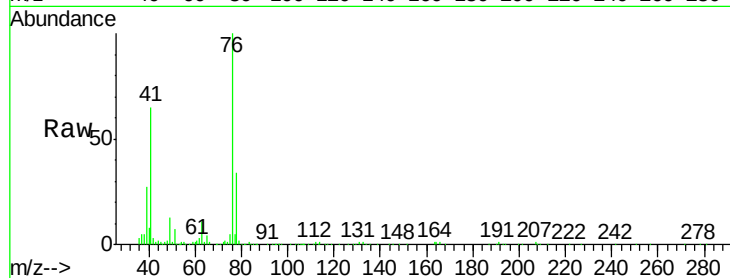
#57
 1,3-Dichloropropane
 Concen: 5.322 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.6

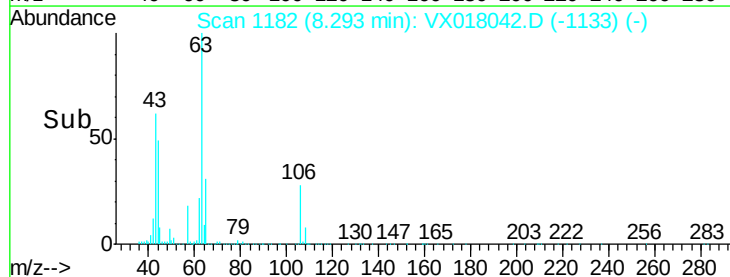
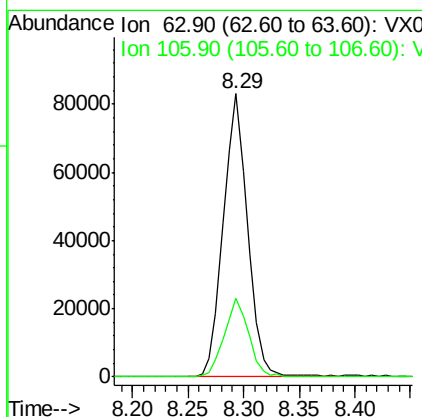
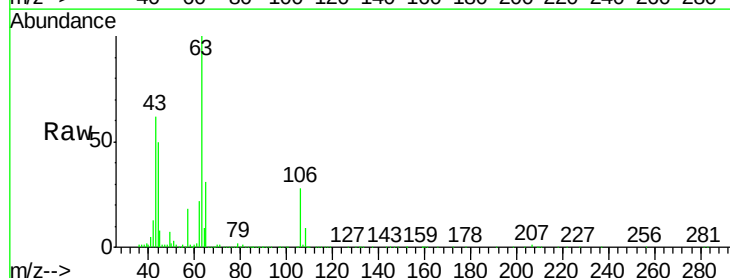
Manual Integrations
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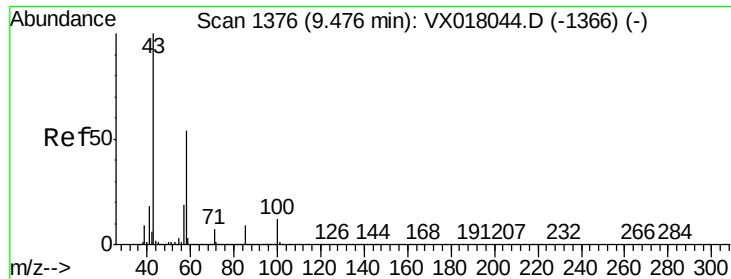
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 23.291 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.1	33.1





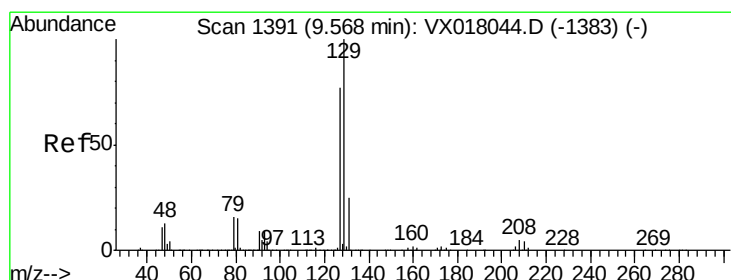
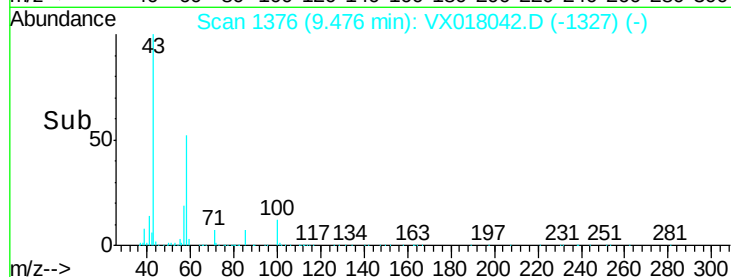
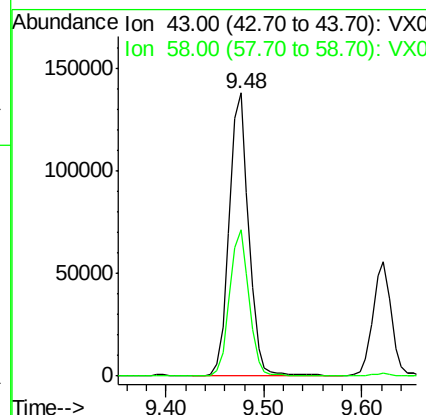
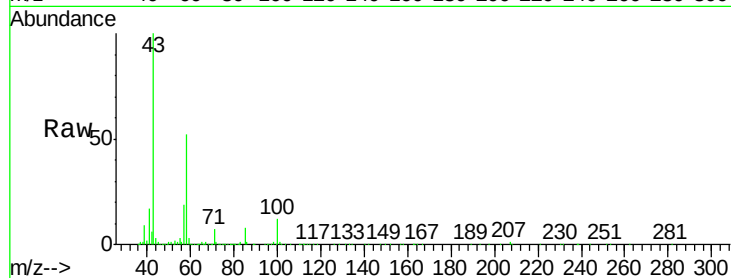
#59
2-Hexanone
Concen: 24.076 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.5	26.6	79.7

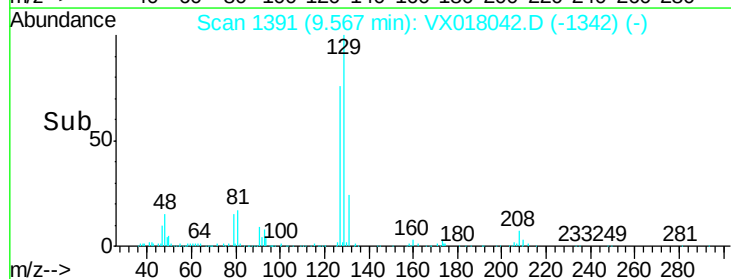
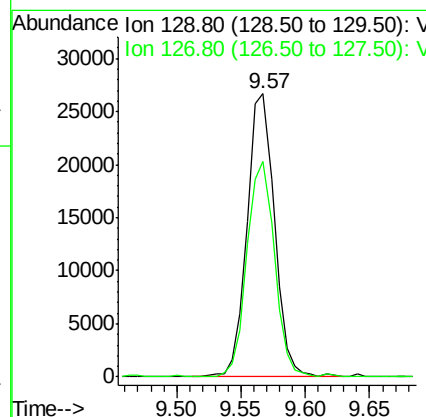
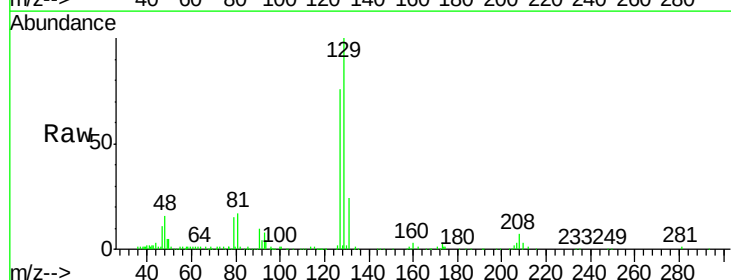
Manual Integrations
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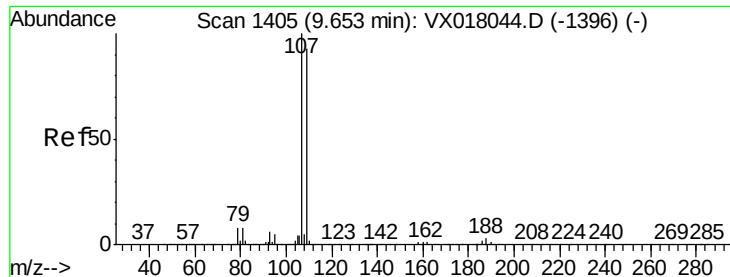
MMDadoda
8/21/2020 11:23:04 AM



#60
Dibromochloromethane
Concen: 5.443 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.9	116.6





#61

1,2-Dibromoethane

Concen: 5.488 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 38517

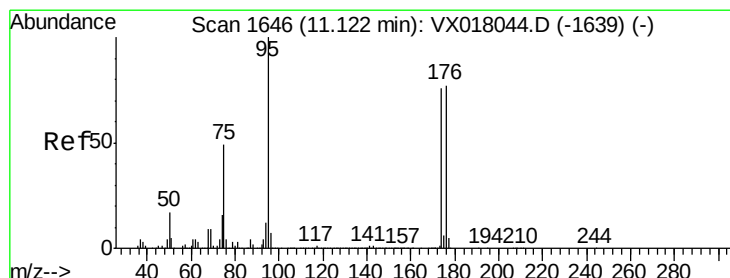
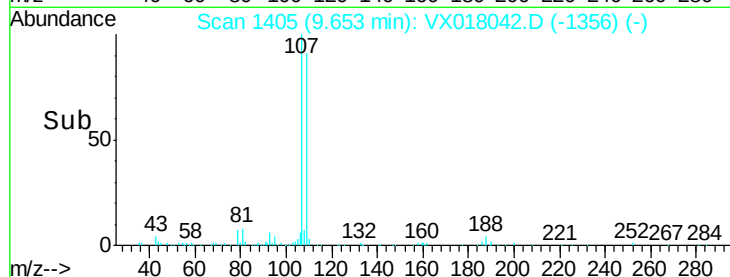
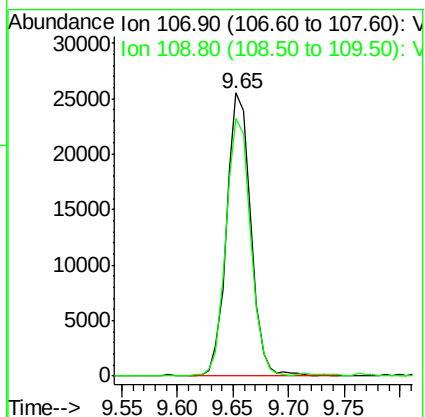
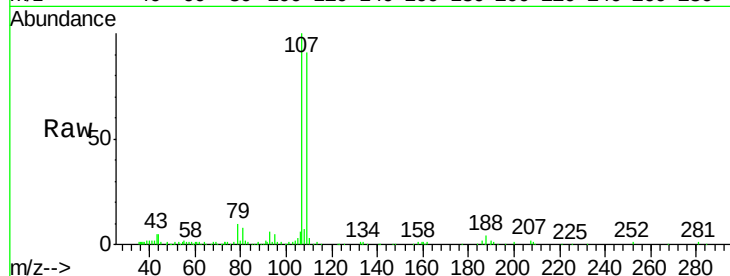
Ion Ratio Lower Upper

107 100

109 92.7 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 5.477 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

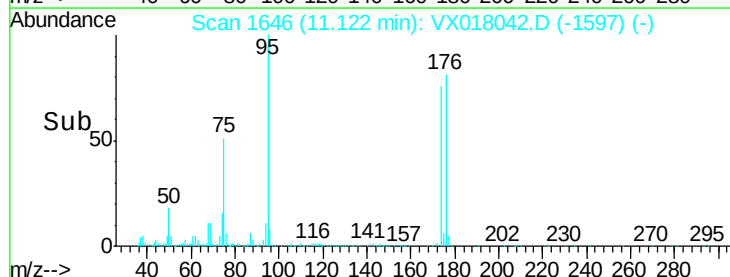
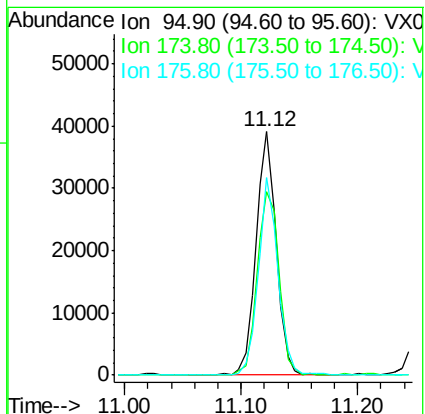
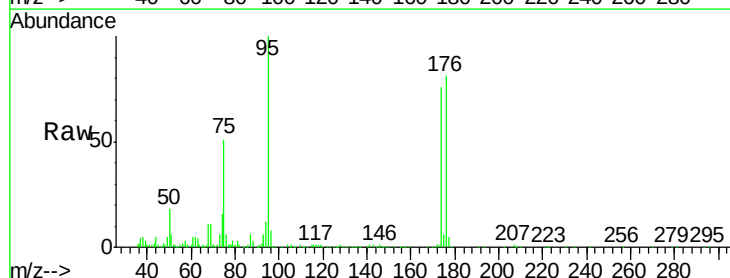
Tgt Ion: 95 Resp: 47421

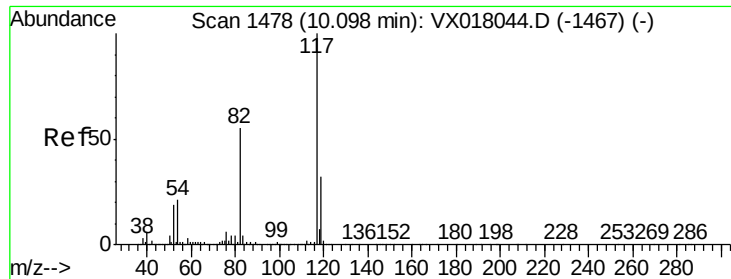
Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.2

176 78.7 0.0 155.8





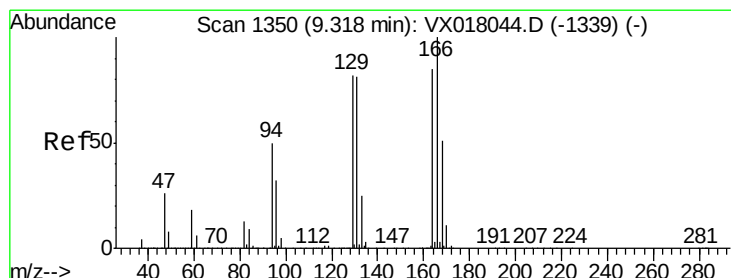
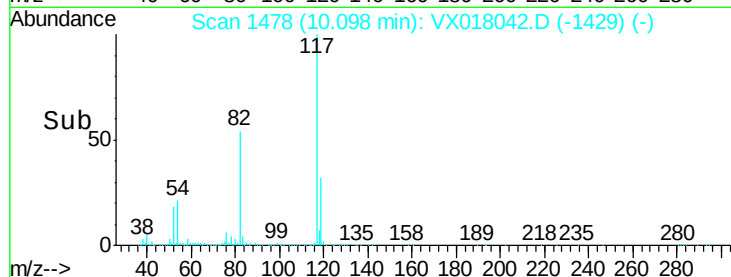
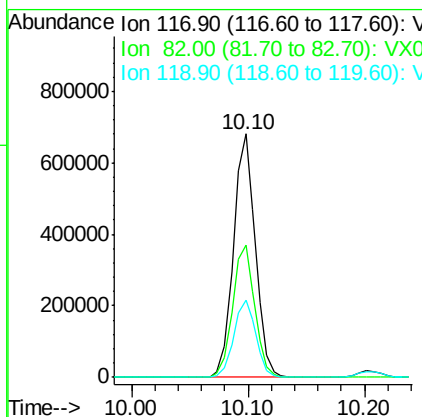
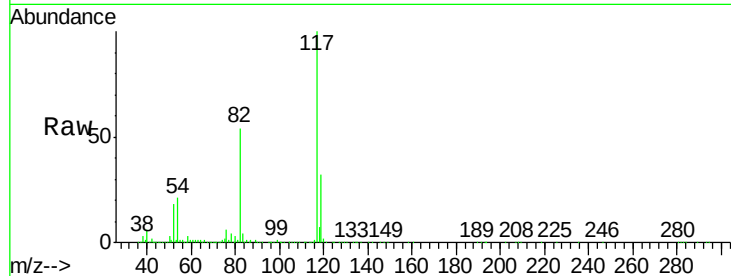
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	886353		
82	54.1		44.2	66.2
119	31.6		25.7	38.5

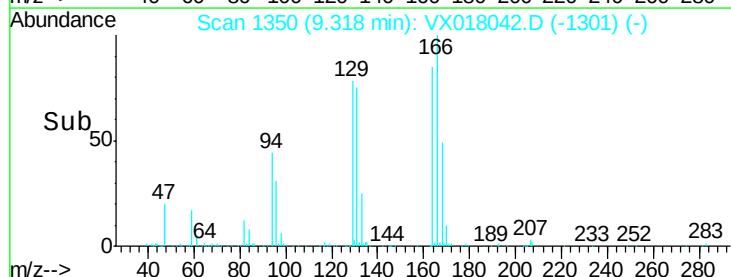
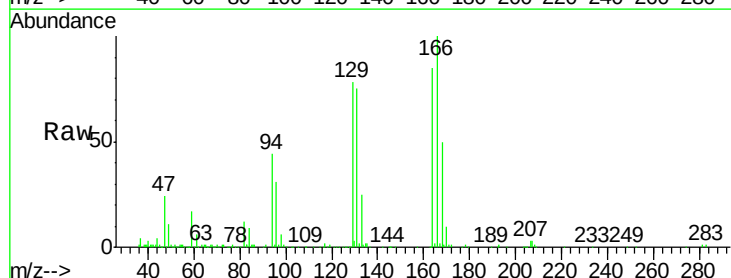
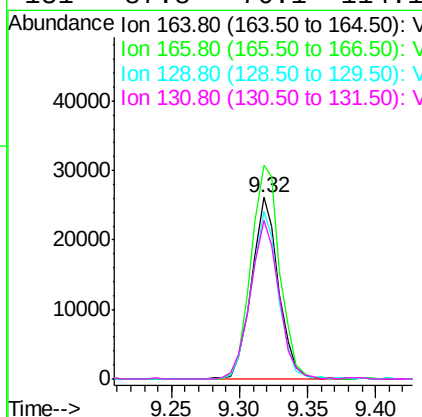
Manual Integrations
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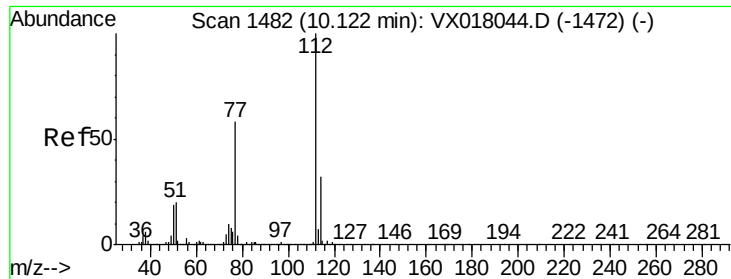
MMDadoda
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#64
Tetrachloroethene
Concen: 3.561 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36321		
166	117.8		94.2	141.2
129	92.5		76.9	115.3
131	87.8		76.1	114.1





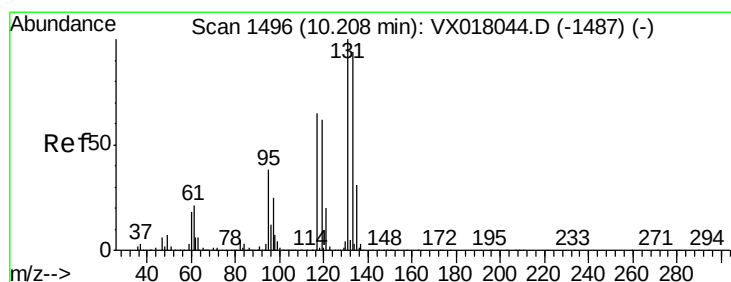
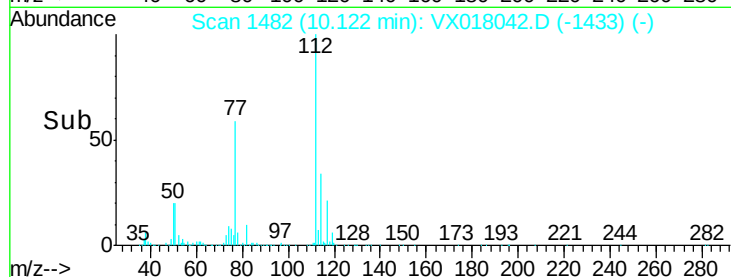
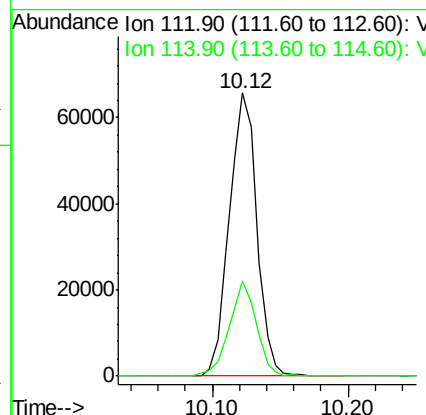
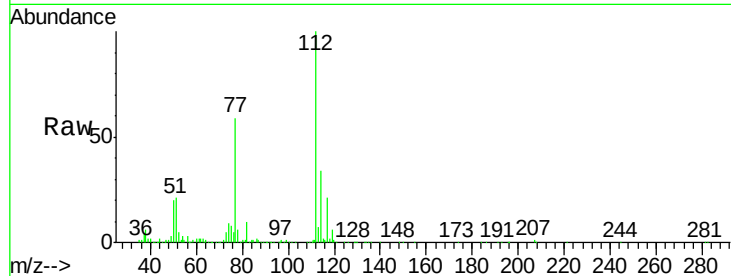
#65
Chlorobenzene
Concen: 5.010 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.7	38.5

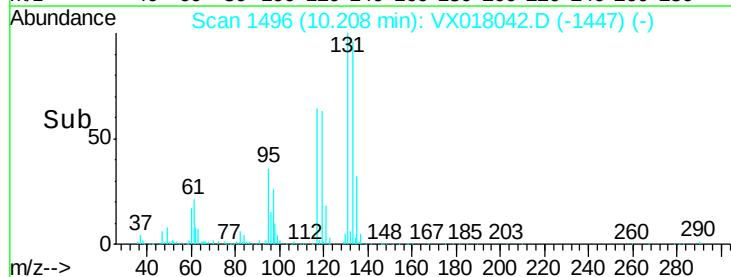
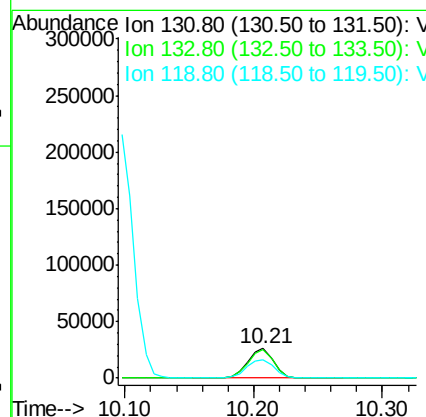
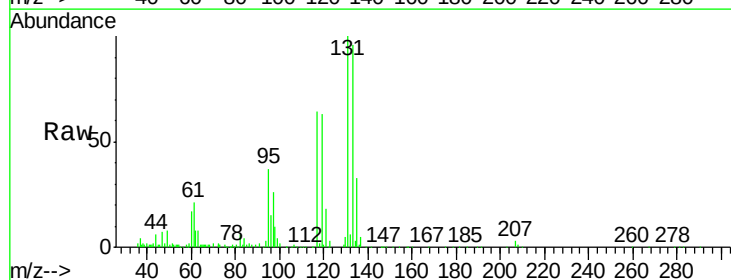
Manual Integrations
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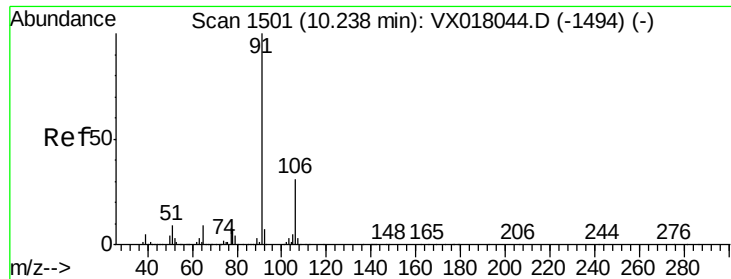
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.220 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	46.7	140.1
119	67.1	31.8	95.4





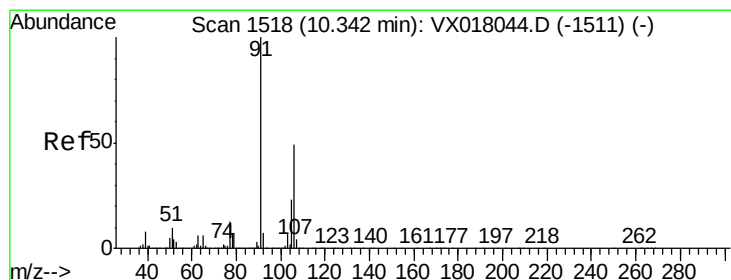
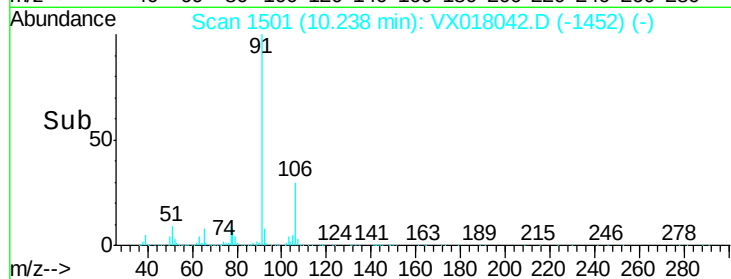
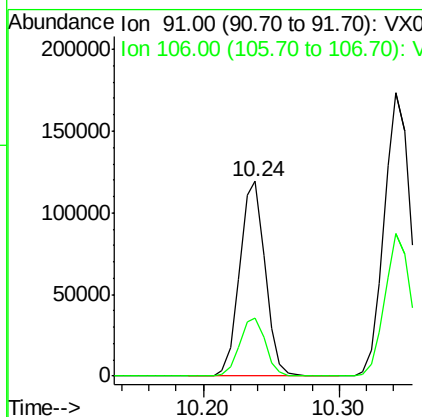
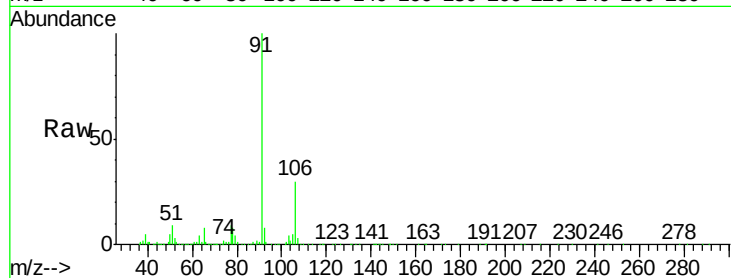
#67
Ethyl Benzene
Concen: 4.754 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.9	37.3

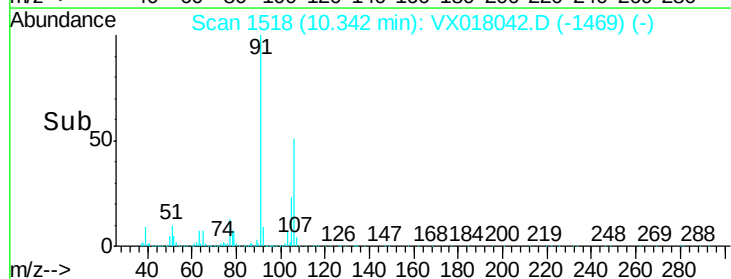
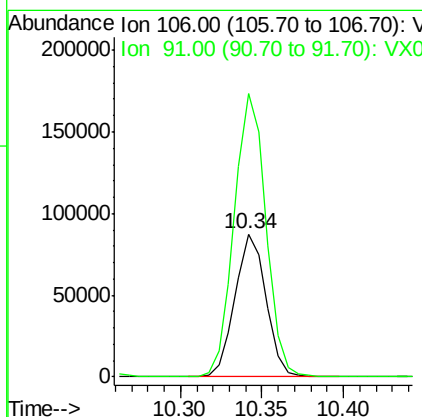
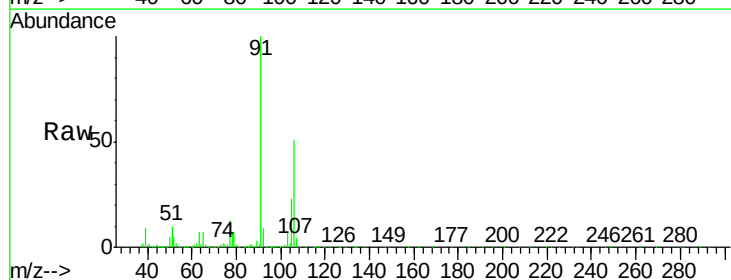
Manual Integrations
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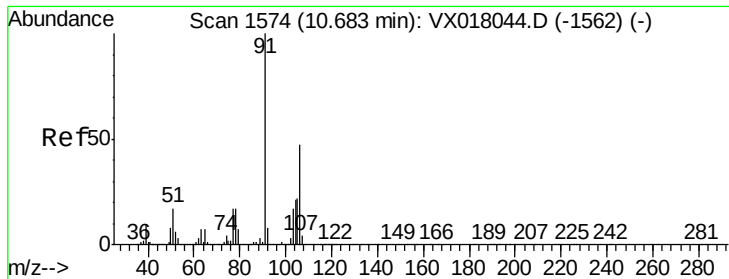
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#68
m/p-Xylenes
Concen: 9.428 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.7	162.2	243.2





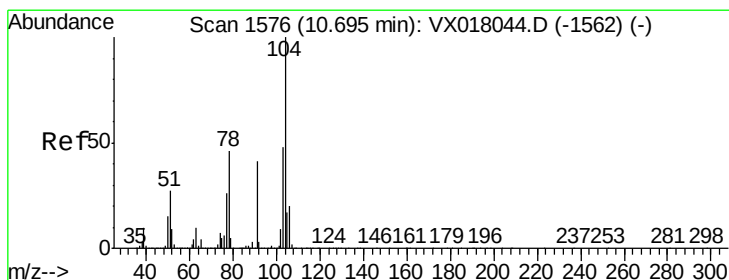
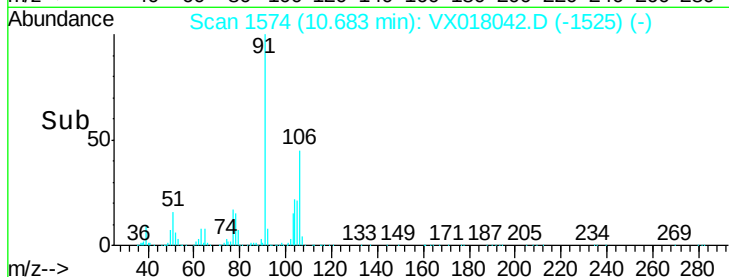
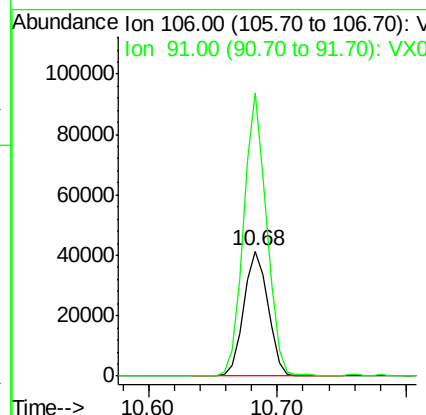
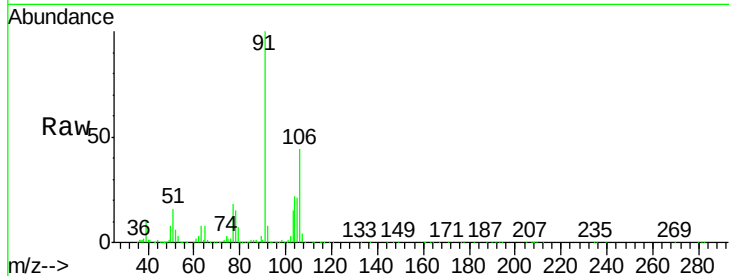
#69
o-Xylene
Concen: 4.577 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.0	107.1	321.3

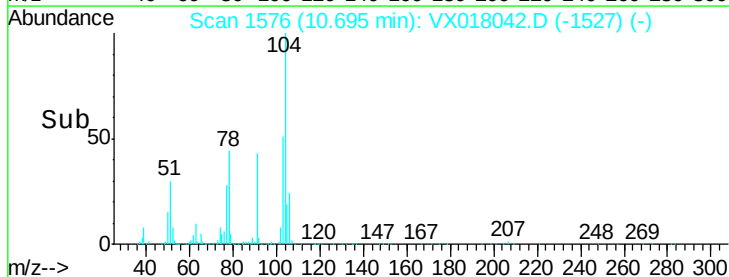
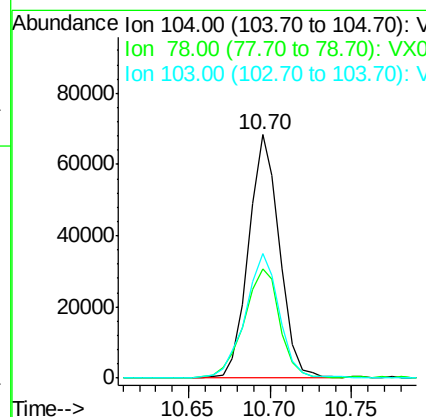
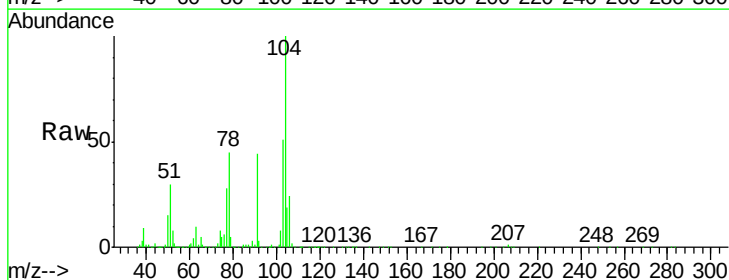
Manual Integrations
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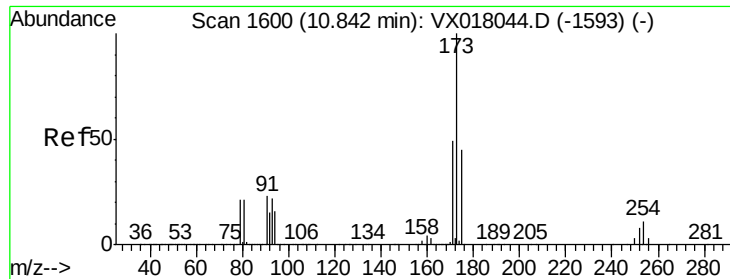
MMDadoda
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#70
Styrene
Concen: 4.497 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	40.9	61.3
103	56.8	43.6	65.4





#71

Bromoform

Concen: 5.242 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

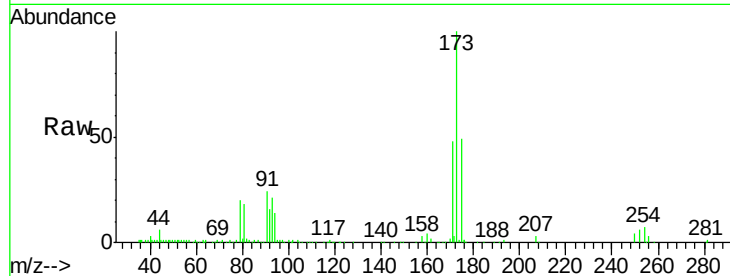
ClientSampleId :

VSTDIC005

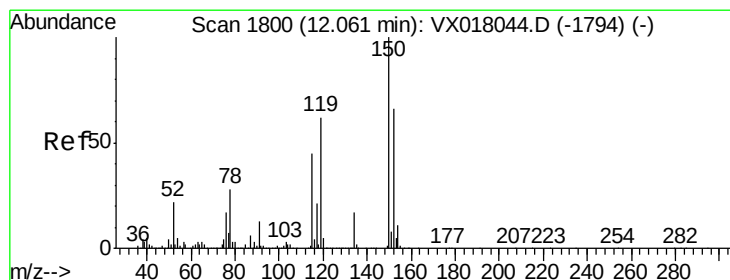
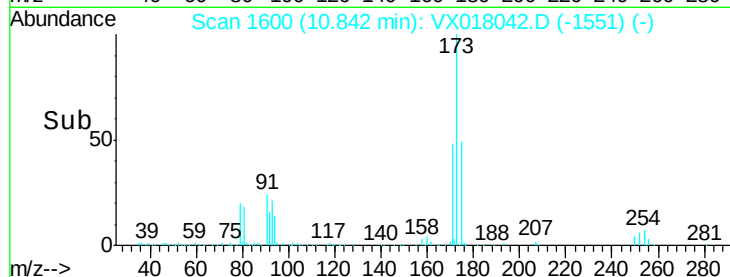
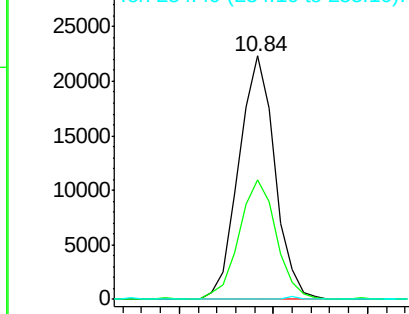
Tot Ion:	173	Resp:	29577
Ion	Ratio	Lower	Upper
173	100		
175	51.1	23.9	71.8
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

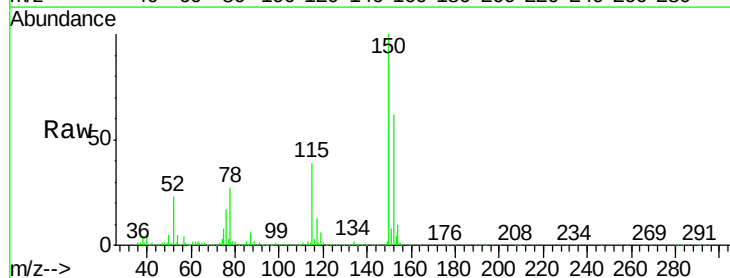
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

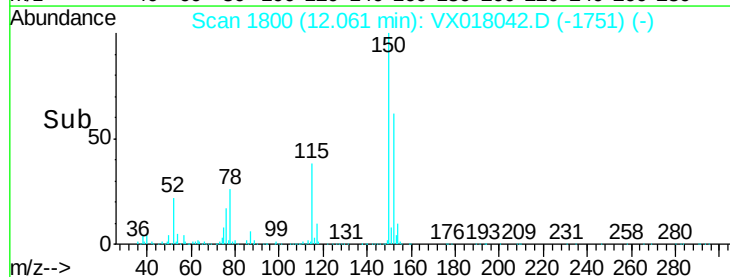
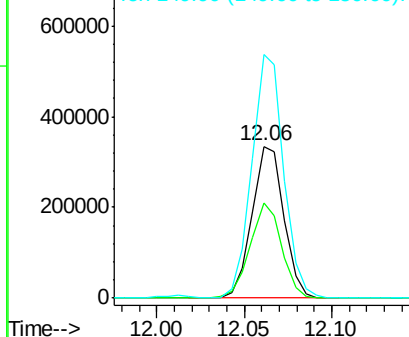
Lab File: VX018042.D

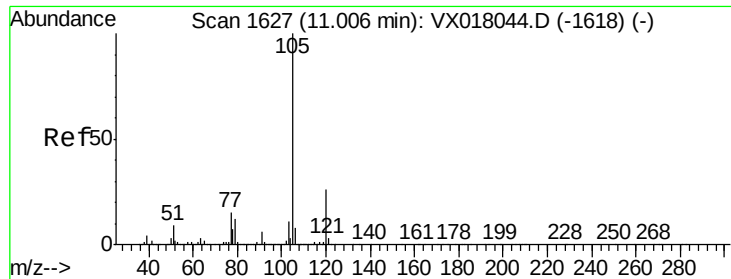
Acq: 20 Aug 2020 19:22

Tgt Ion:	152	Resp:	423795
Ion	Ratio	Lower	Upper
152	100		
115	62.3	41.5	124.5
150	159.8	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.760 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 145360

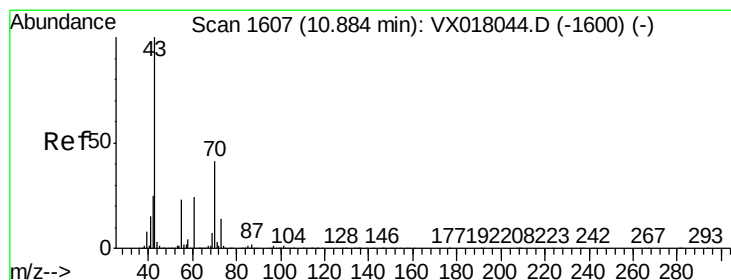
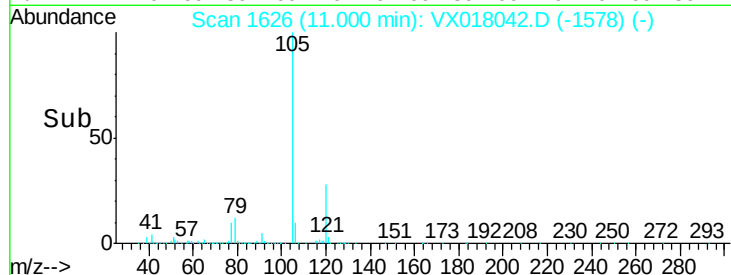
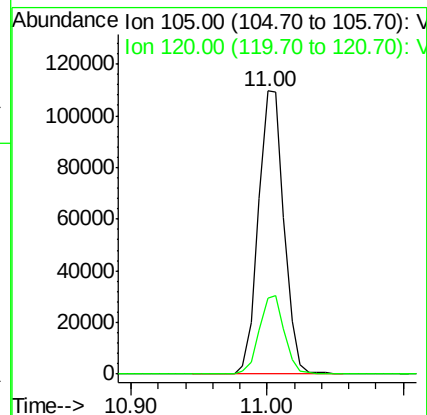
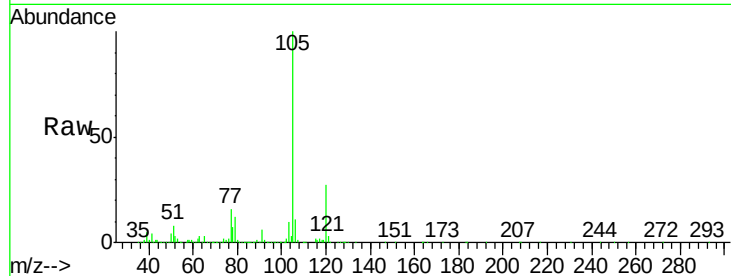
Ion Ratio Lower Upper

105 100

120 27.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 4.610 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion: 43 Resp: 66079

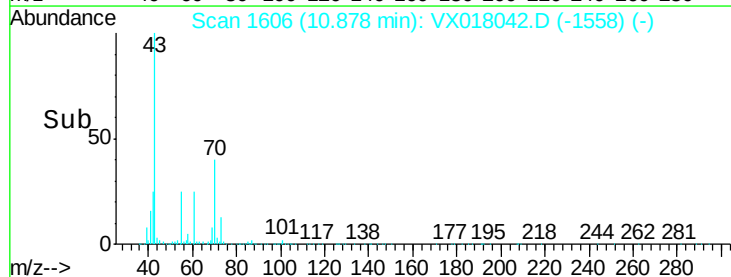
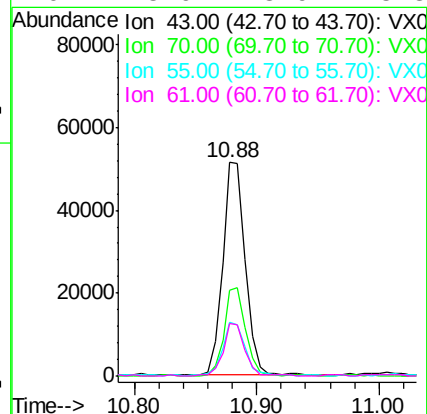
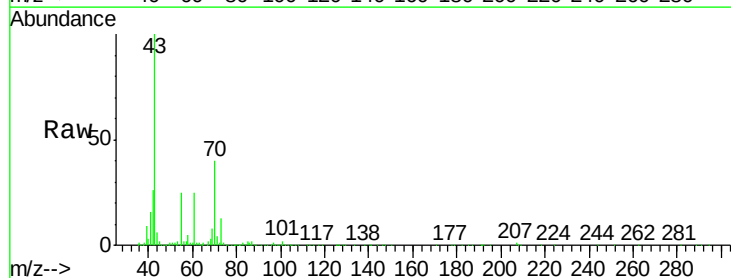
Ion Ratio Lower Upper

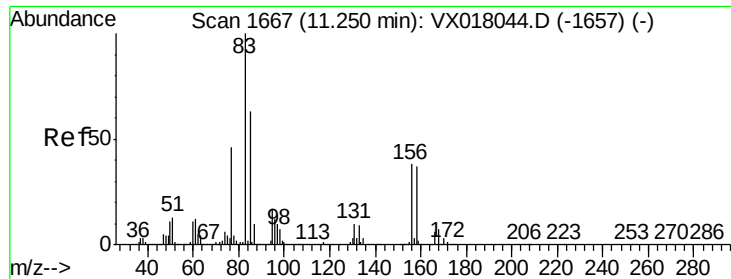
43 100

70 39.3 32.3 48.5

55 25.8 18.2 27.2

61 23.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 8.938 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

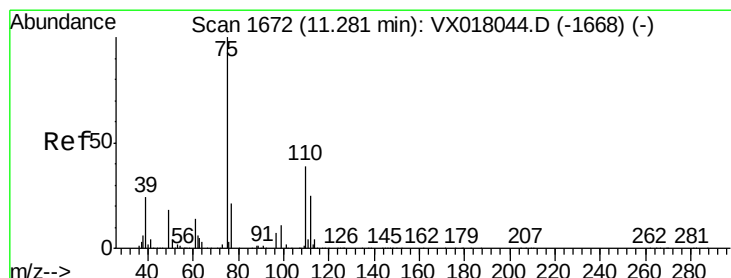
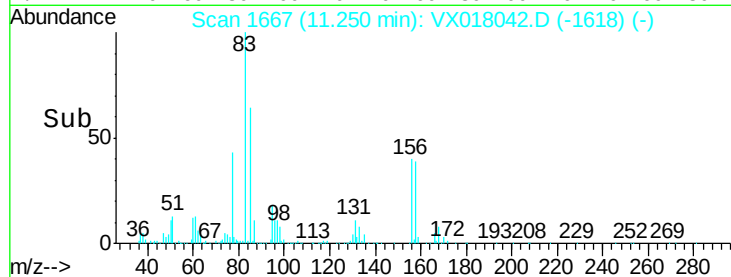
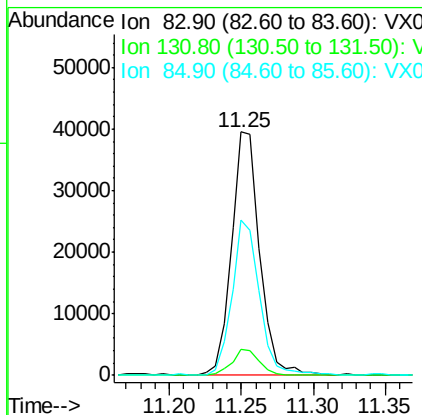
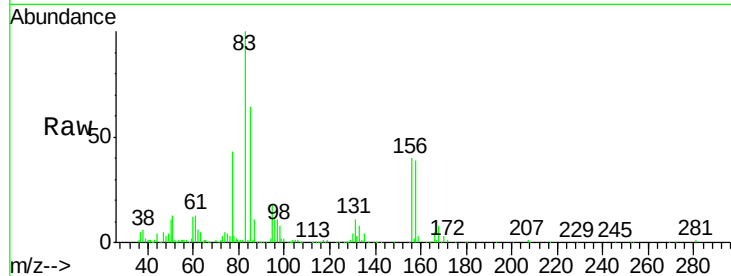
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	53875
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	63.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.253 ug/l m

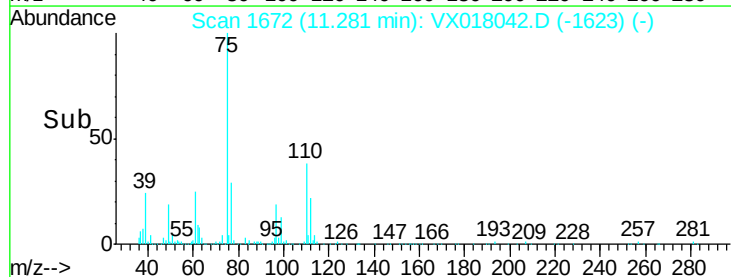
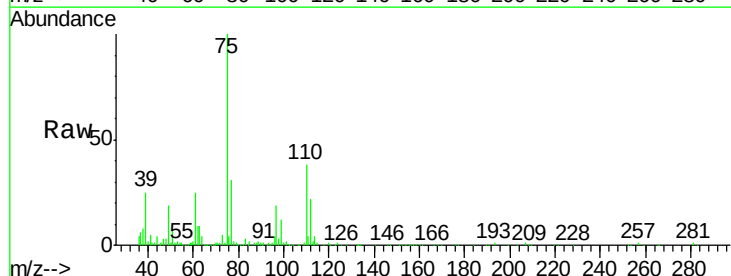
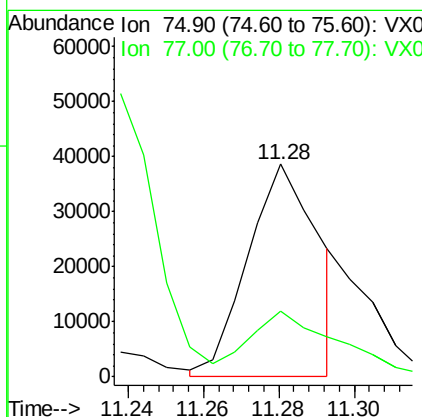
RT: 11.28 min Scan# 1672

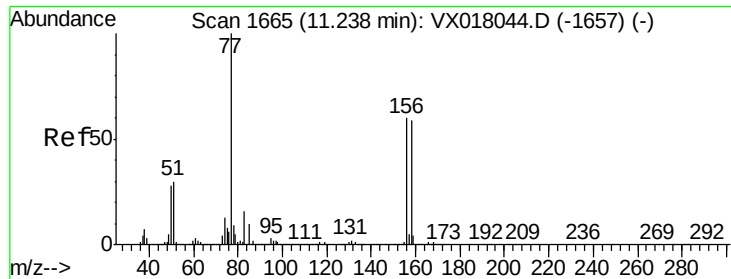
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	75	Resp:	50178
Ion Ratio	Lower	Upper	
75	100		
77	38.8	20.8	62.2





#77

Bromobenzene

Concen: 5.263 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

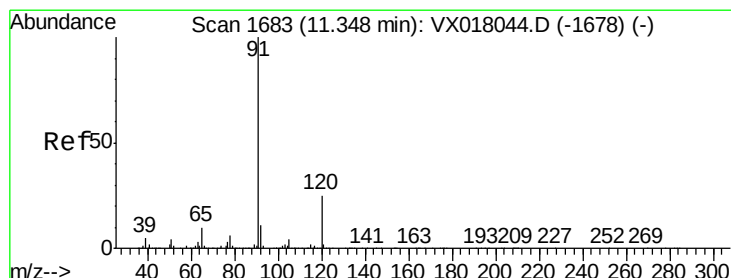
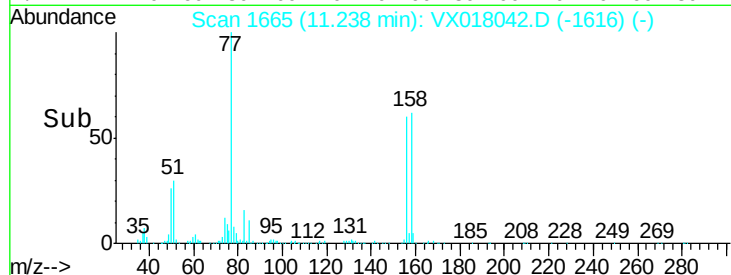
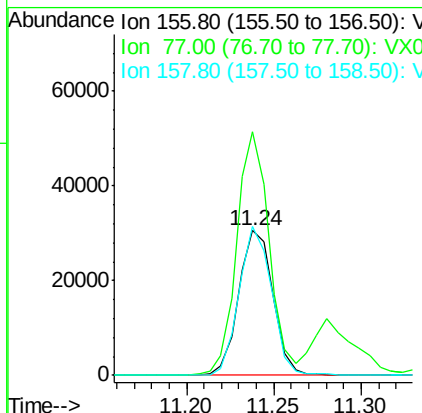
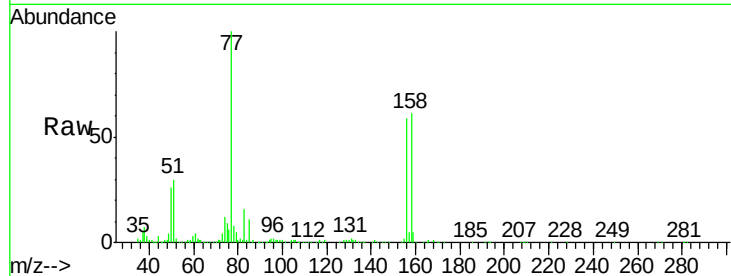
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	41784
Ion	Ratio	Lower	Upper
156	100		
77	157.1	80.0	240.2
158	97.3	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 4.576 ug/l

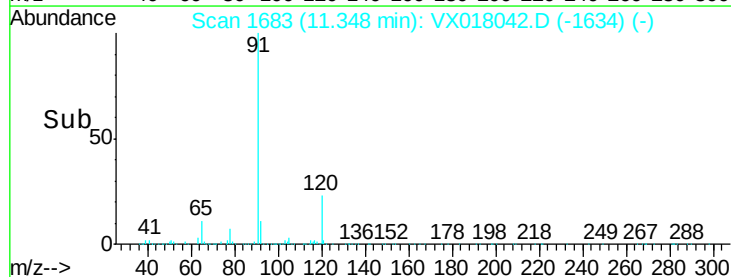
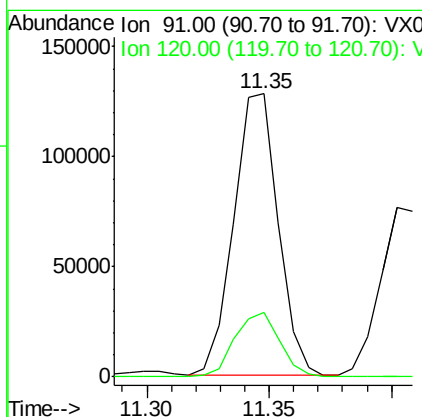
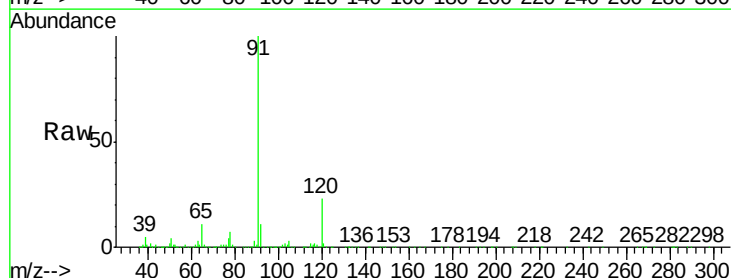
RT: 11.35 min Scan# 1683

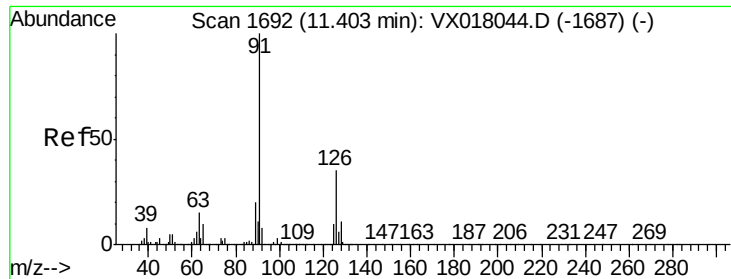
Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion:	91	Resp:	162188
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.9	35.9





#79

2-Chlorotoluene

Concen: 4.832 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 101923

Ion Ratio Lower Upper

91 100

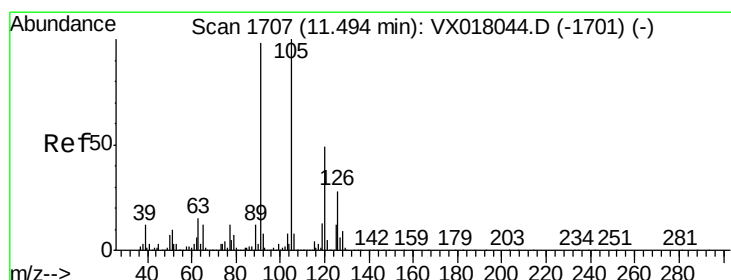
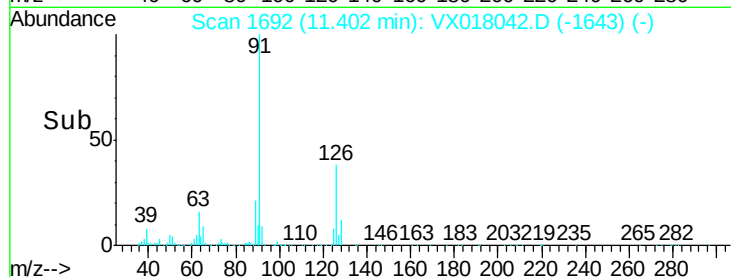
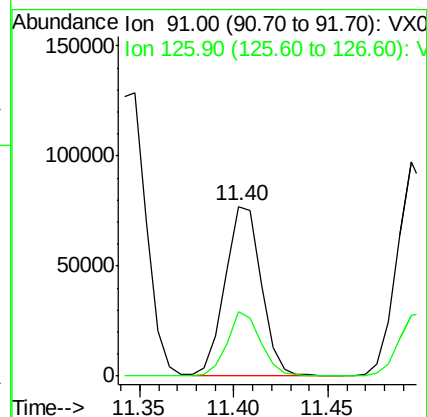
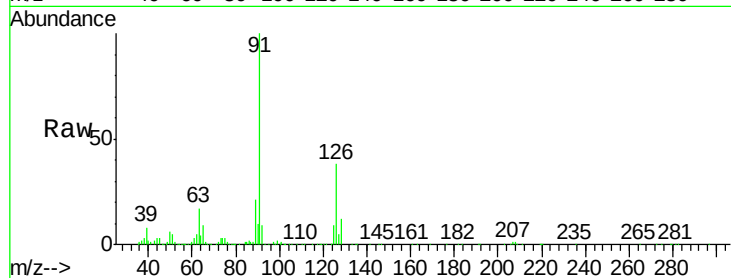
126 35.7 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 4.553 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018042.D

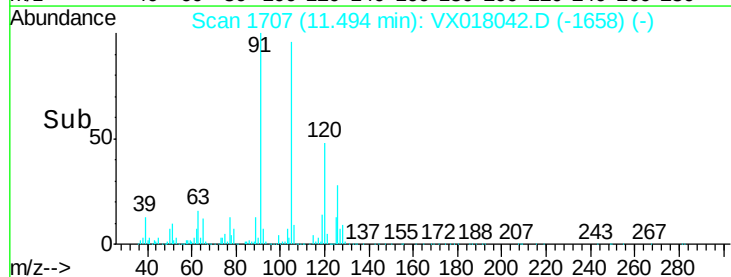
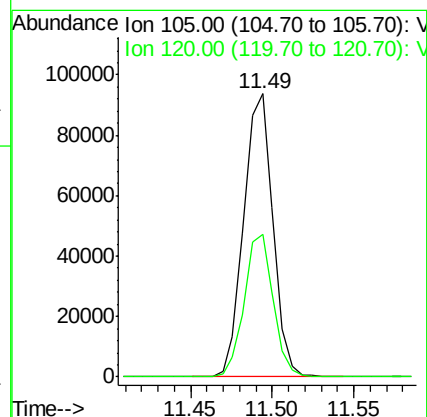
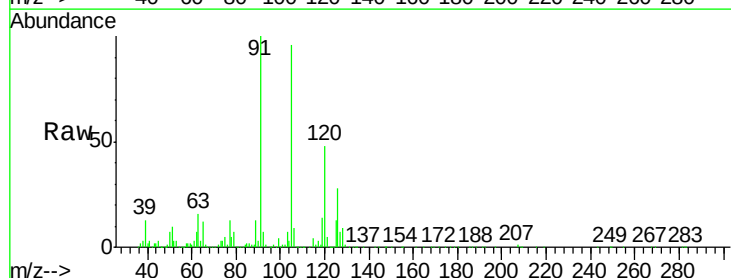
Acq: 20 Aug 2020 19:22

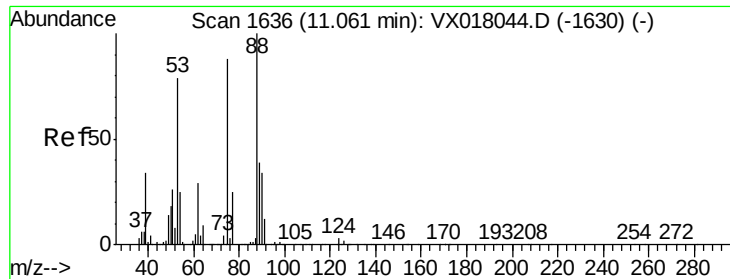
Tgt Ion: 105 Resp: 117447

Ion Ratio Lower Upper

105 100

120 50.1 24.1 72.2





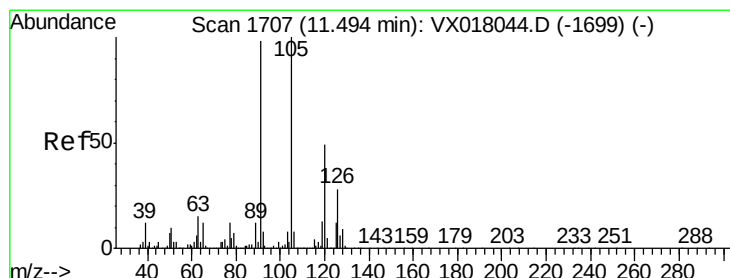
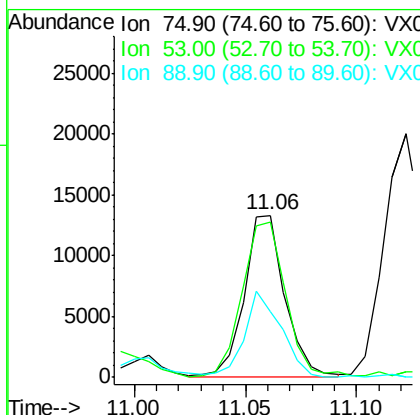
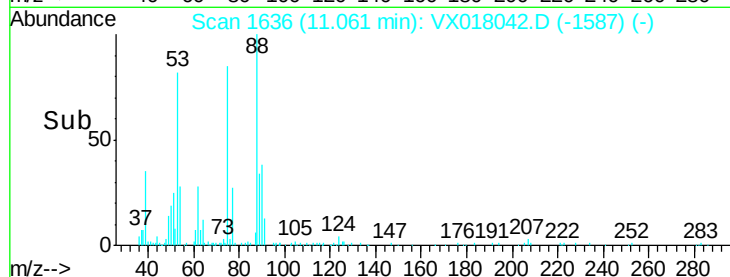
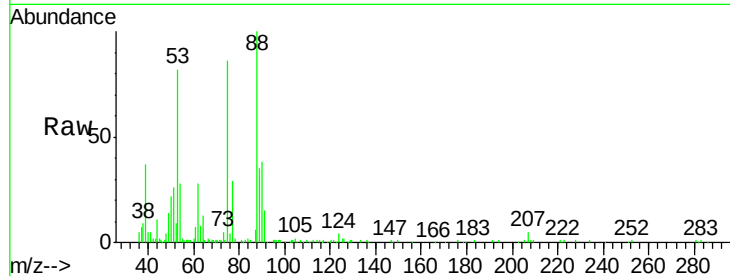
#81
trans-1,4-Dichloro-2-butene
Concen: 4.307 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.6	74.7	112.1
89	48.2	36.6	54.8

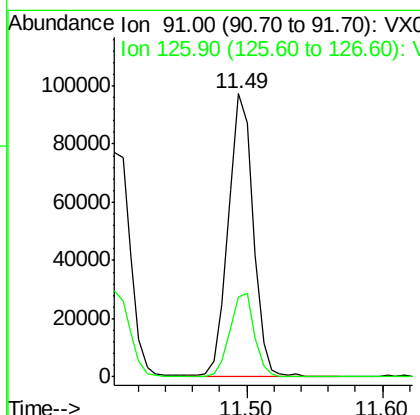
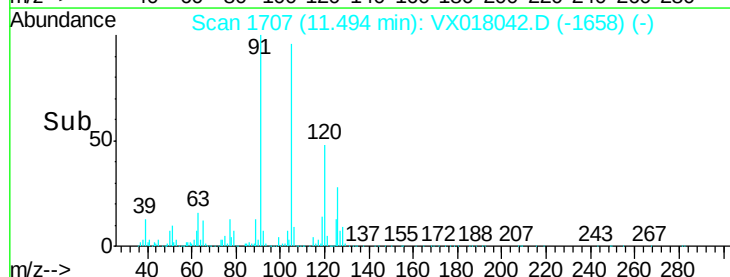
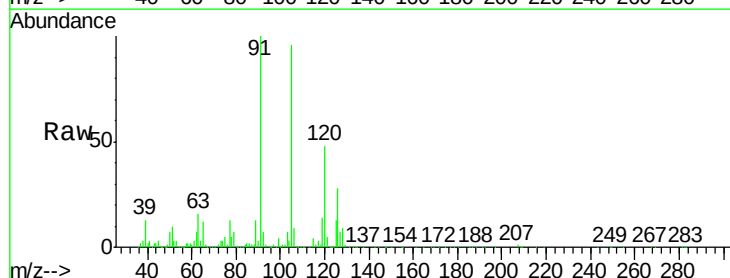
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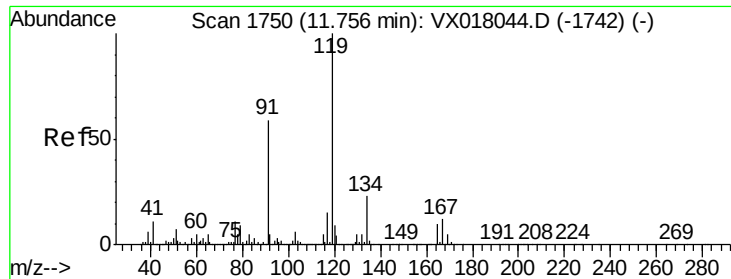
MMDadoda
8/21/2020 11:23:04 AM



#82
4-Chlorotoluene
Concen: 4.943 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.1	45.3





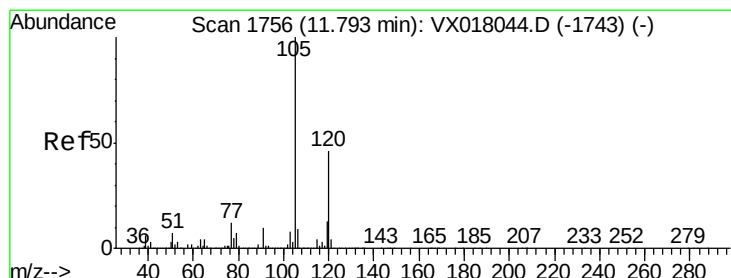
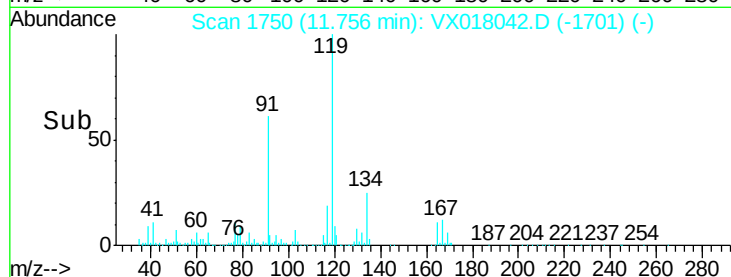
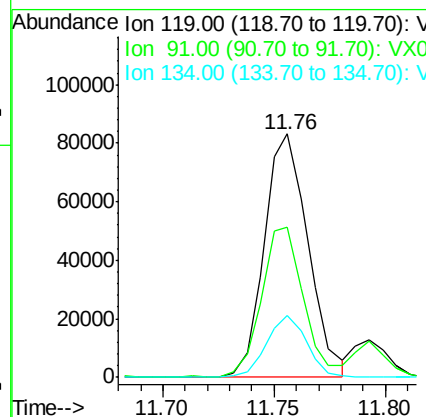
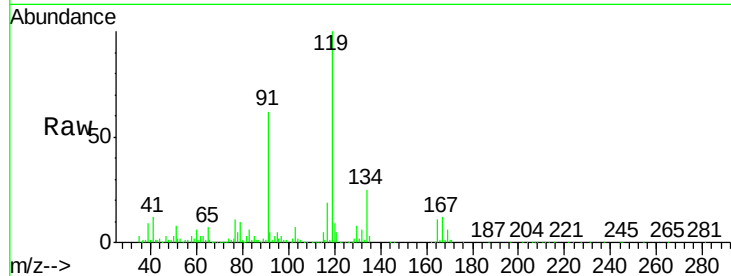
#83
 tert-Butylbenzene
 Concen: 5.016 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	113718		
91	59.9	28.2	84.7	
134	23.4	11.3	33.8	

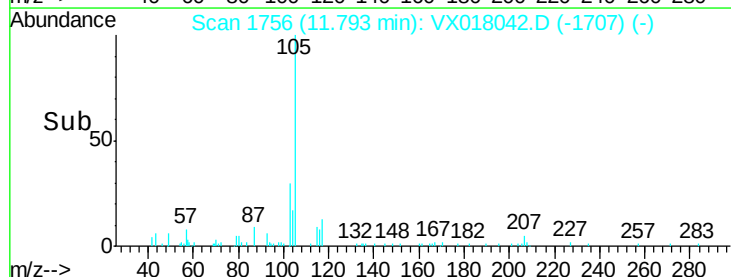
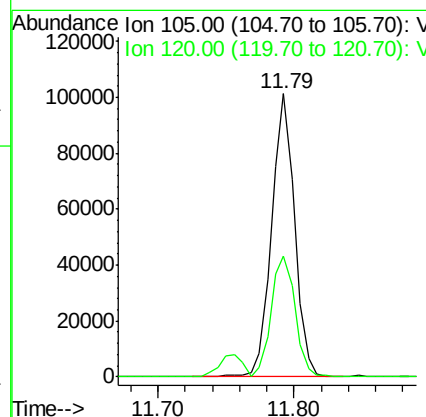
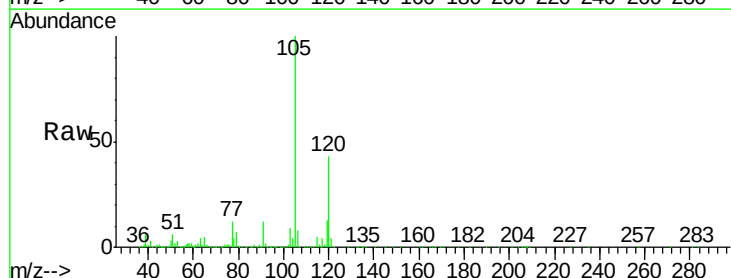
Manual Integrations
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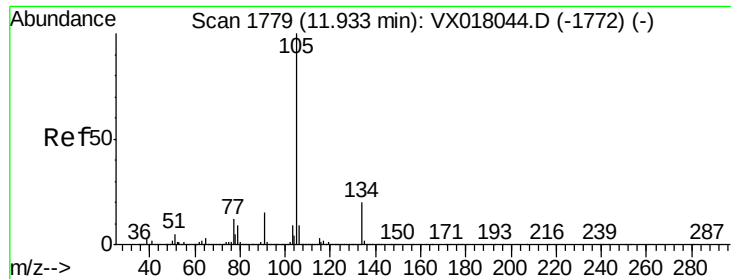
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 8/21/2020 11:23:04 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 4.618 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120530		
120	44.6	22.3	66.9	





#85

sec-Butylbenzene

Concen: 4.403 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:105 Resp: 131274

Ion Ratio Lower Upper

105 100

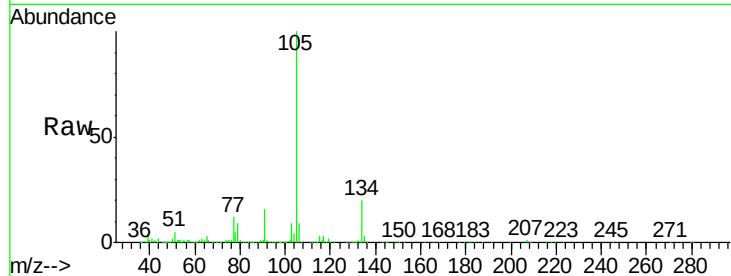
134 20.2 10.1 30.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

120000

100000

80000

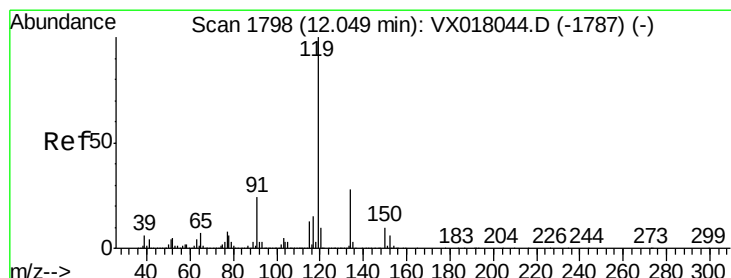
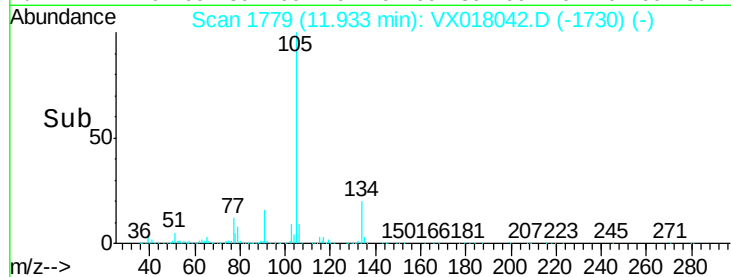
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 4.239 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

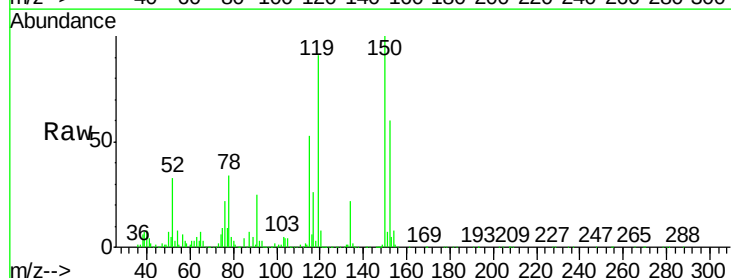
Tgt Ion:119 Resp: 117339

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 26.7 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

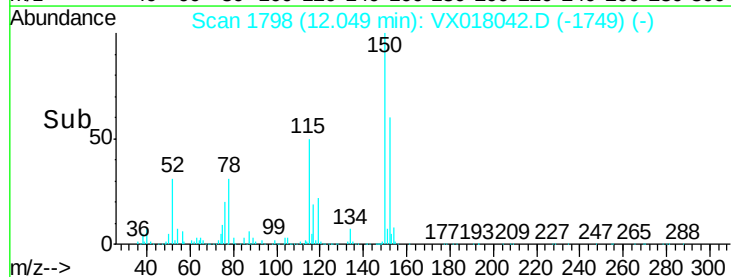
12.05

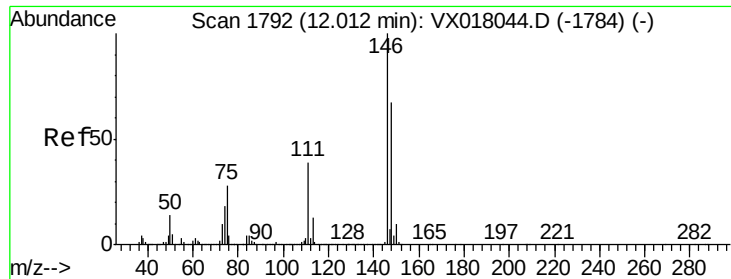
100000

50000

0

Time-->





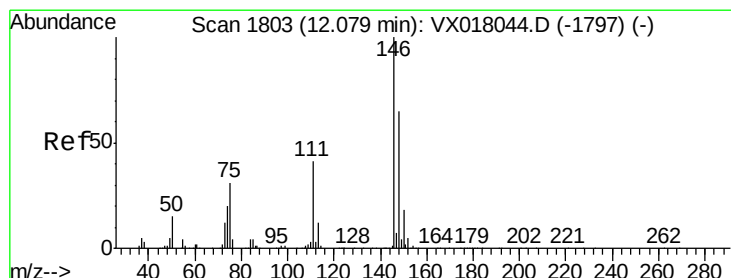
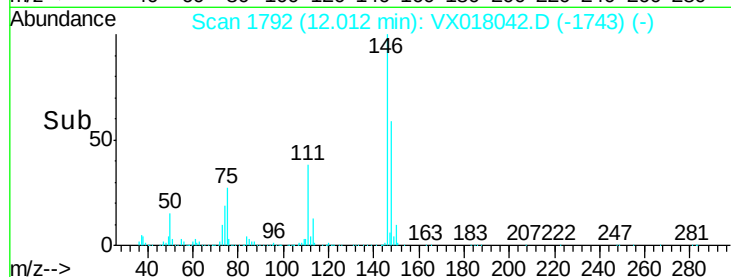
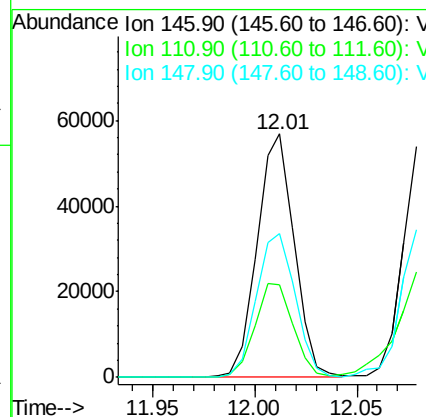
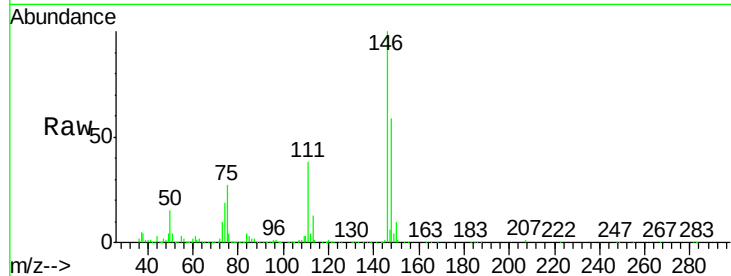
#87
 1,3-Dichlorobenzene
 Concen: 5.060 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	62.1	33.1	99.2

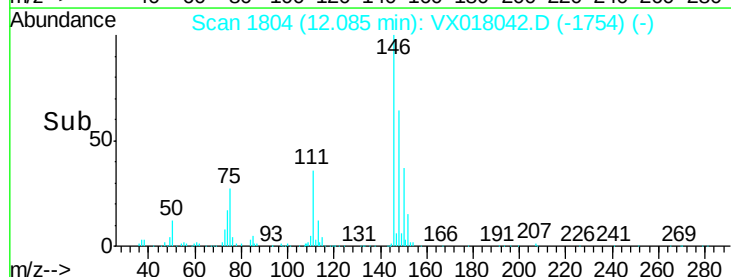
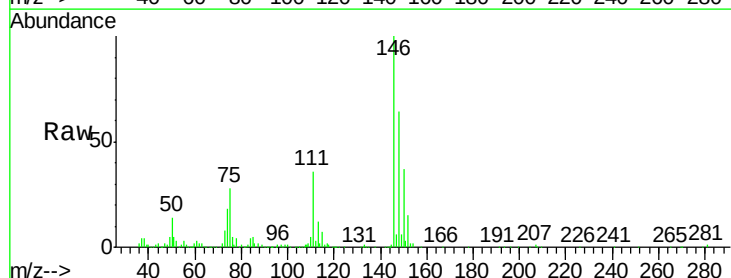
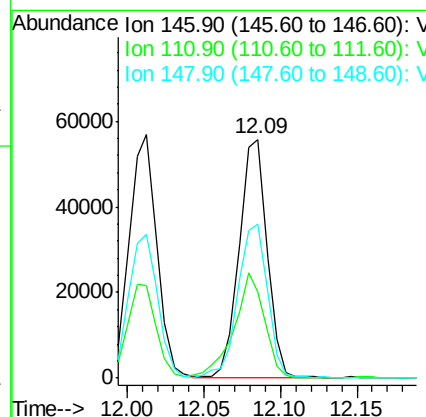
Manual Integrations
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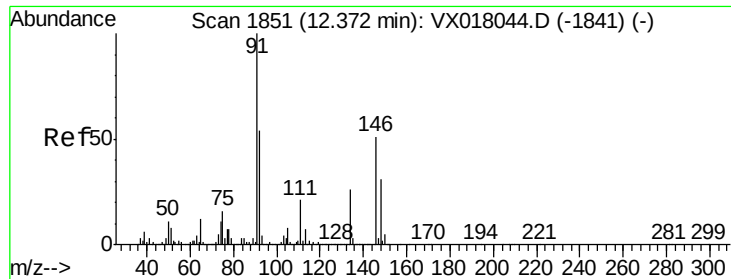
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#88
 1,4-Dichlorobenzene
 Concen: 4.912 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.6	20.3	60.8
148	69.3	33.1	99.2





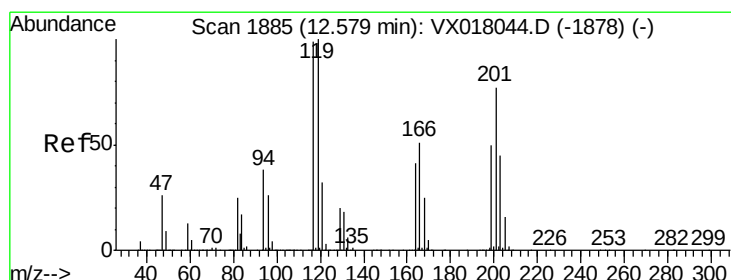
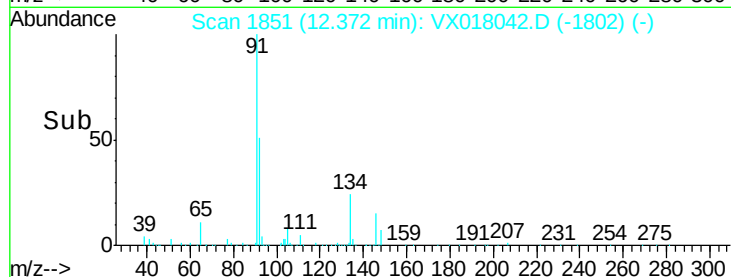
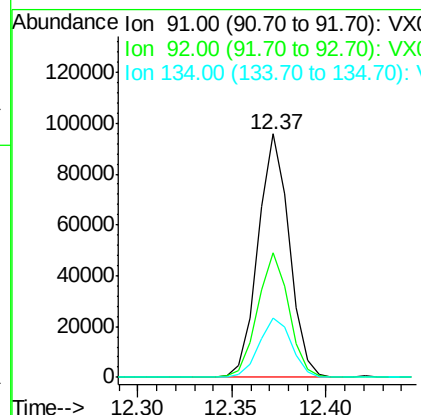
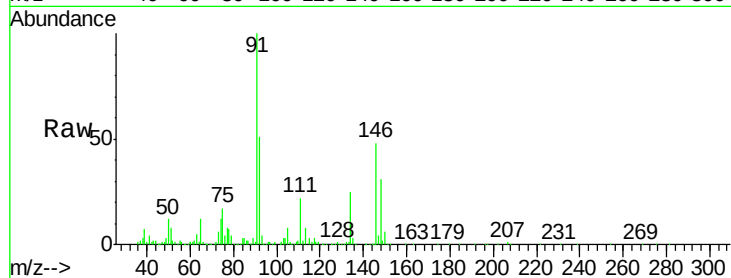
#89
n-Butylbenzene
Concen: 4.353 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.4	79.2
134	25.6	12.9	38.7

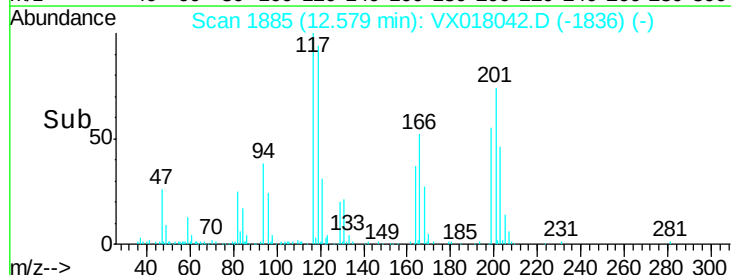
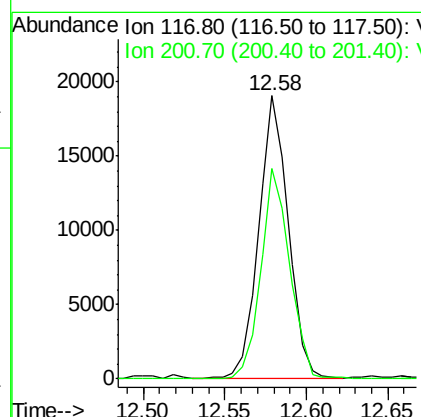
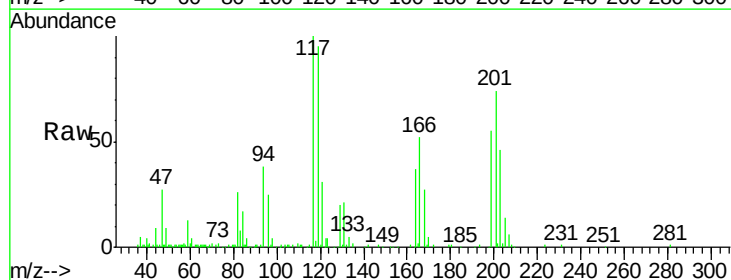
Manual Integrations
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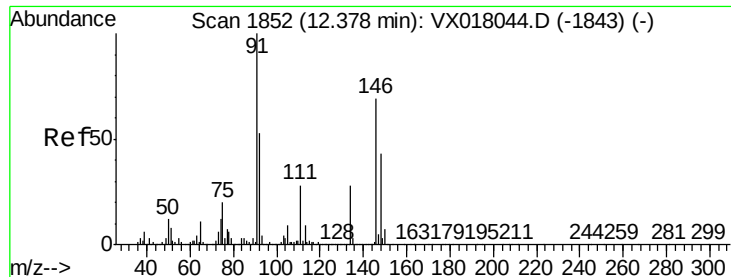
MMDadoda
8/21/2020 11:23:04 AM



#90
Hexachloroethane
Concen: 4.992 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.6	38.5	115.3





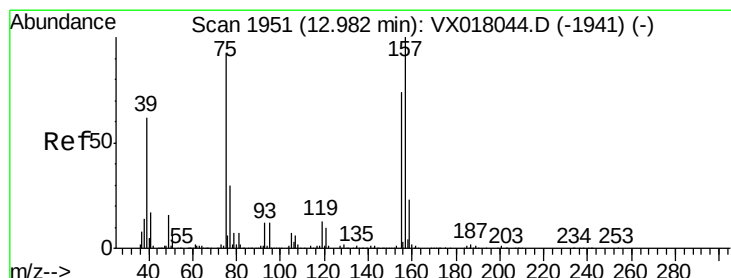
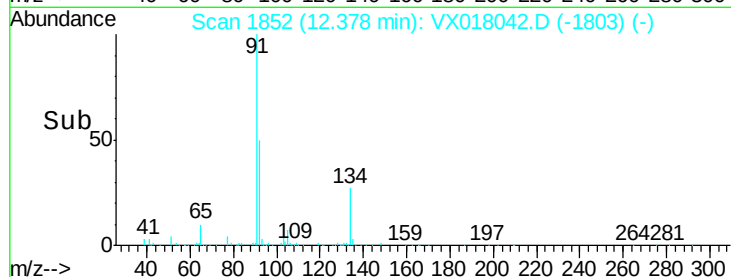
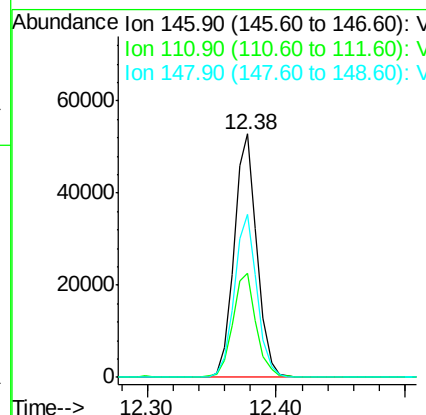
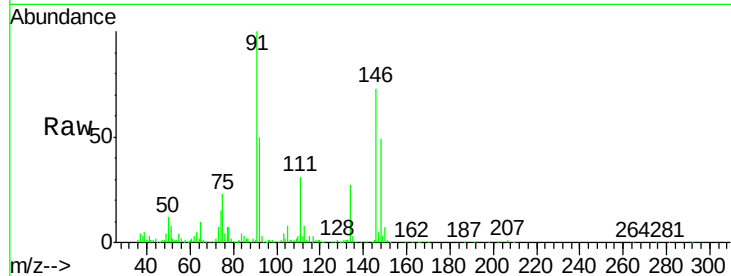
#91
 1,2-Dichlorobenzene
 Concen: 4.777 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	20.8	62.5
148	66.7	31.6	95.0

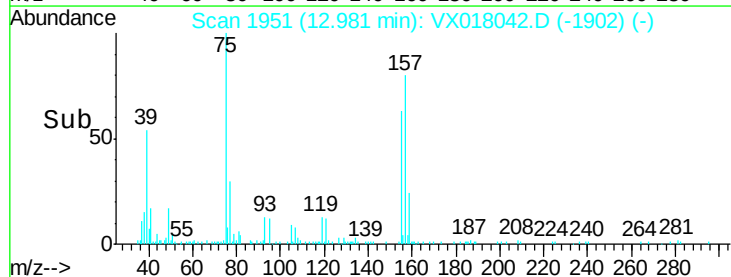
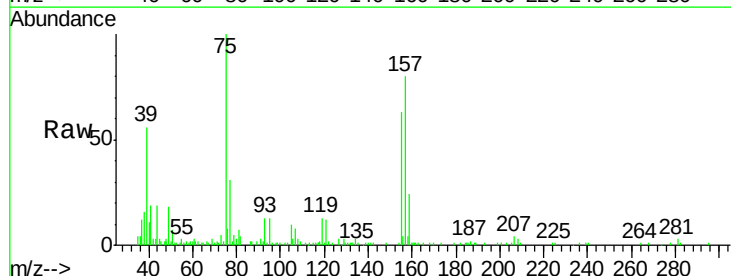
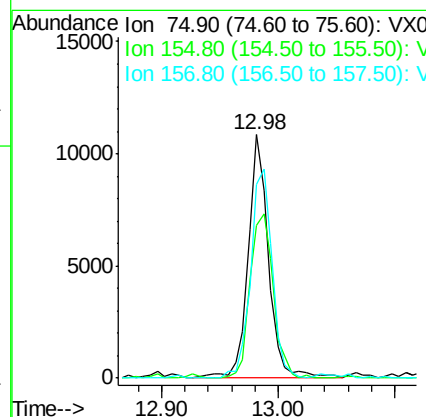
Manual Integrations
 APPROVED

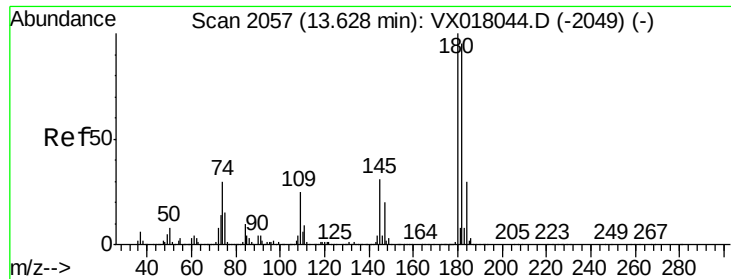
MMDadoda
 8/21/2020 11:23:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.273 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	40.2	120.6
157	90.5	55.0	165.2





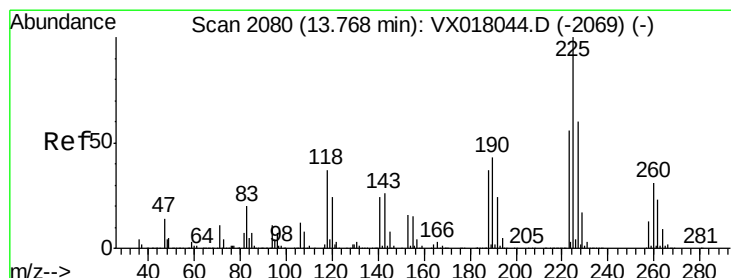
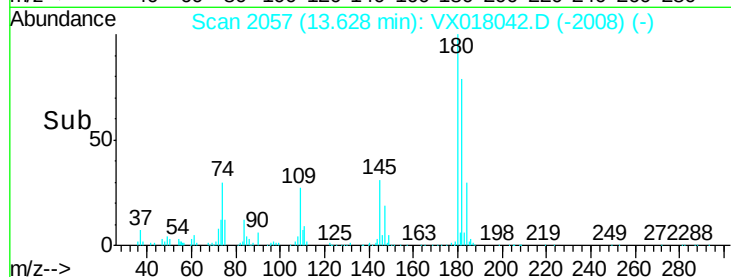
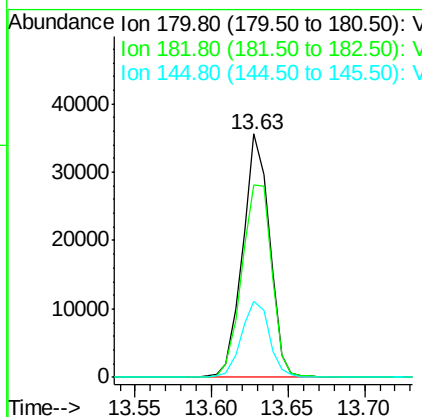
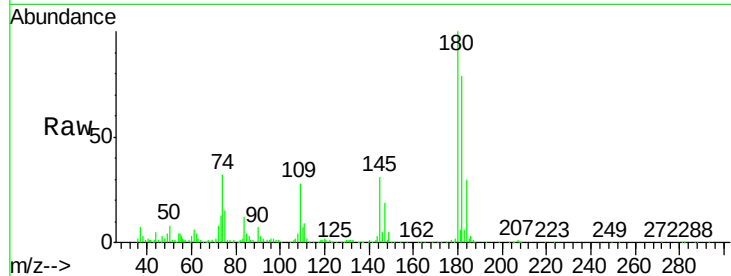
#93
 1,2,4-Trichlorobenzene
 Concen: 4.351 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	43580		
182	87.8		47.5	142.6
145	32.2		15.7	47.1

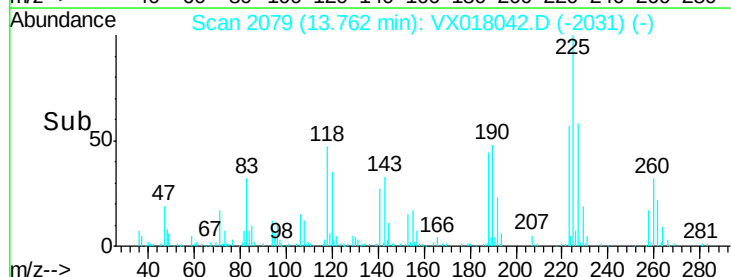
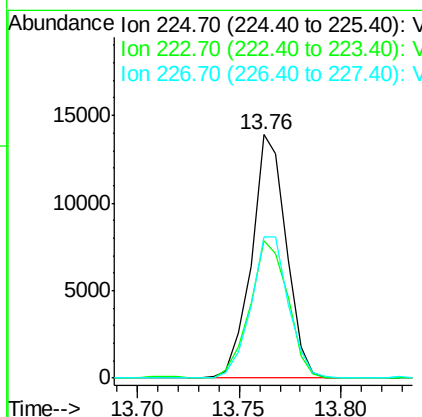
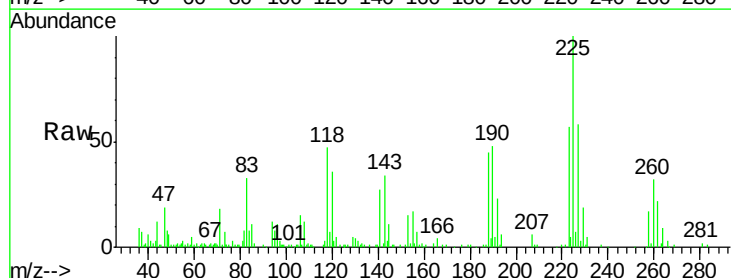
Manual Integrations
 APPROVED

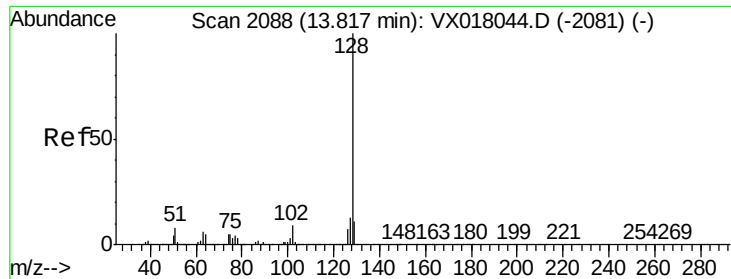
MMDadoda
 8/21/2020 11:23:04 AM



#94
 Hexachlorobutadiene
 Concen: 3.633 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16448		
223	61.3		30.7	92.1
227	62.9		32.6	97.8





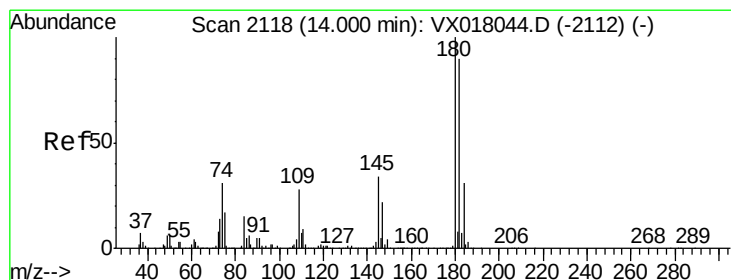
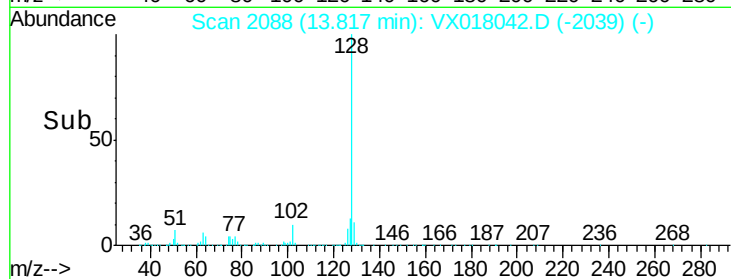
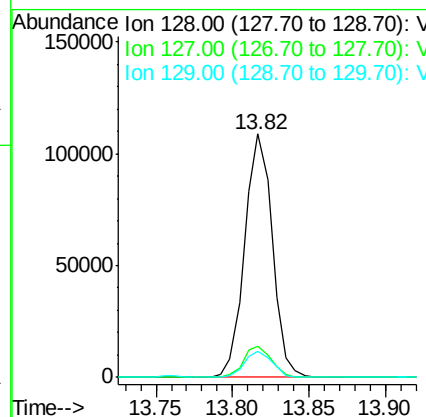
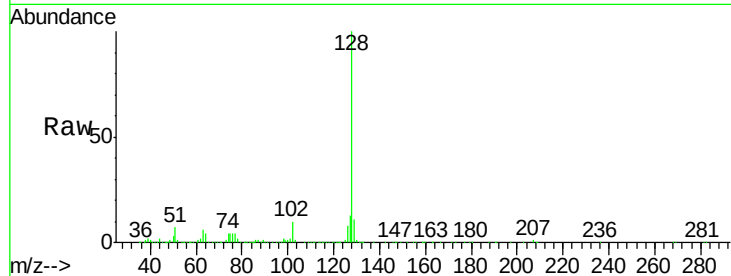
#95
Naphthalene
Concen: 4.206 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
128	100	136473		
127	12.8	10.2	15.2	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

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8/21/2020 11:23:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.380 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42613		
182	90.7	47.3	142.0	
145	33.6	17.5	52.6	

