

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090820\
 Data File : VX018308.D
 Acq On : 09 Sep 2020 04:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:47:55 PM

Quant Time: Sep 09 05:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	397814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	647405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	348643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	299502	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	5.47	113	232851	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	8.70	98	821796	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.12	95	337930	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	234041	48.321	ug/l	99
3) Chloromethane	1.31	50	217379	42.570	ug/l	100
4) Vinyl Chloride	1.39	62	230798	45.404	ug/l	99
5) Bromomethane	1.62	94	139860	57.044	ug/l	97
6) Chloroethane	1.70	64	139723	51.178	ug/l	94
7) Trichlorofluoromethane	1.91	101	393353	56.751	ug/l	99
8) Diethyl Ether	2.17	74	124813	53.098	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	194552	51.919	ug/l	98
10) Methyl Iodide	2.49	142	194900	48.760	ug/l	98
11) Tert butyl alcohol	3.02	59	267743	249.340	ug/l	100
12) 1,1-Dichloroethene	2.36	96	190820	49.084	ug/l	99
13) Acrolein	2.27	56	91282	205.014	ug/l	96
14) Allyl chloride	2.70	41	335440	48.026	ug/l	97
15) Acrylonitrile	3.12	53	620409	254.704	ug/l	99
16) Acetone	2.42	43	575968	267.647	ug/l	96
17) Carbon Disulfide	2.55	76	523831	44.572	ug/l	99
18) Methyl Acetate	2.75	43	305607	58.850	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	717693	53.830	ug/l	96
20) Methylene Chloride	2.83	84	225369	51.248	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	212324	49.296	ug/l	99
22) Diisopropyl ether	3.82	45	710175	51.516	ug/l	93
23) Vinyl Acetate	3.78	43	3134015	255.494	ug/l	99
24) 1,1-Dichloroethane	3.67	63	397360	50.636	ug/l	99
25) 2-Butanone	4.64	43	881149	249.146	ug/l	98
26) 2,2-Dichloropropane	4.55	77	236145	36.985	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241507	48.665	ug/l	97
28) Bromochloromethane	4.98	49	184560	48.724	ug/l	99
29) Tetrahydrofuran	5.09	42	557523	247.636	ug/l	97
30) Chloroform	5.18	83	425988	52.426	ug/l	99
31) Cyclohexane	5.55	56	322623	48.806	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	396340	53.152	ug/l	100
36) 1,1-Dichloropropene	5.77	75	297122	49.758	ug/l	99
37) Ethyl Acetate	4.79	43	339796	48.995	ug/l	98
38) Carbon Tetrachloride	5.76	117	365751	54.351	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321610	49.255	ug/l	99
40) Benzene	6.12	78	867640	49.449	ug/l	98
41) Methacrylonitrile	5.00	41	182277	47.867	ug/l	96
42) 1,2-Dichloroethane	6.16	62	361975	53.845	ug/l	97
43) Isopropyl Acetate	6.42	43	549157	49.024	ug/l	100
44) Trichloroethene	7.19	130	247092	49.839	ug/l	98
45) 1,2-Dichloropropane	7.49	63	233797	49.439	ug/l	97
46) Dibromomethane	7.64	93	168084	50.544	ug/l	99
47) Bromodichloromethane	7.88	83	355159	53.488	ug/l	96
48) Methyl methacrylate	7.74	41	275165	49.345	ug/l	98
49) 1,4-Dioxane	7.71	88	88272	873.885	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1779167	257.124	ug/l	100
52) Toluene	8.77	92	553783	49.774	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	356020	48.378	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	368321	47.247	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	235981	49.731	ug/l	98
56) Ethyl methacrylate	9.16	69	357001	50.609	ug/l	99
57) 1,3-Dichloropropane	9.35	76	393707	50.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	627481	197.739	ug/l	98
59) 2-Hexanone	9.48	43	1382402	262.741	ug/l	100
60) Dibromochloromethane	9.57	129	293800	52.780	ug/l	98
61) 1,2-Dibromoethane	9.65	107	258040	50.089	ug/l	98
64) Tetrachloroethene	9.32	164	230412	50.257	ug/l	92
65) Chlorobenzene	10.12	112	624097	50.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	261486	53.244	ug/l	98
67) Ethyl Benzene	10.24	91	1088834	51.384	ug/l	100
68) m/p-Xylenes	10.34	106	836882	105.813	ug/l	96
69) o-Xylene	10.68	106	399947	52.165	ug/l	99
70) Styrene	10.70	104	706370	54.100	ug/l	98
71) Bromoform	10.84	173	230599	55.050	ug/l #	99
73) Isopropylbenzene	11.00	105	1092711	47.516	ug/l	99
74) N-amyl acetate	10.88	43	501601	45.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	363691	44.831	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	345174m	44.506	ug/l	
77) Bromobenzene	11.24	156	292432	46.003	ug/l	98
78) n-propylbenzene	11.34	91	1270407	48.652	ug/l	100
79) 2-Chlorotoluene	11.40	91	771729	47.837	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	957249	50.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	115983	40.390	ug/l	95
82) 4-Chlorotoluene	11.49	91	923517	48.154	ug/l	100
83) tert-Butylbenzene	11.76	119	929644	49.848	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	974170	50.421	ug/l	99
85) sec-Butylbenzene	11.93	105	1095184	51.639	ug/l	100
86) p-Isopropyltoluene	12.05	119	1020841	52.402	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	537359	48.147	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	539077	48.240	ug/l	97
89) n-Butylbenzene	12.37	91	872215	49.054	ug/l	99
90) Hexachloroethane	12.58	117	203712	53.149	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	518278	49.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96733	47.688	ug/l	97

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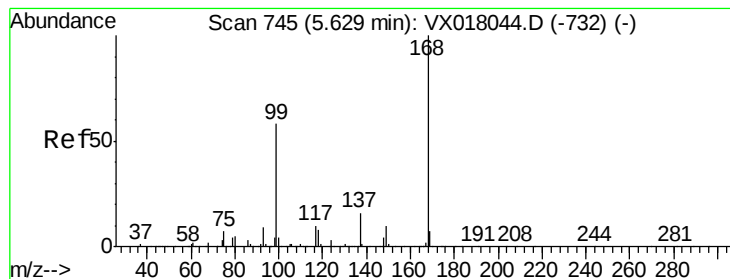
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	333675	47.630	ug/l	99
94) Hexachlorobutadiene	13.77	225	141441	51.187	ug/l	99
95) Naphthalene	13.82	128	1142781	49.566	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	349483	50.487	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 397814

Ion Ratio Lower Upper

168 100

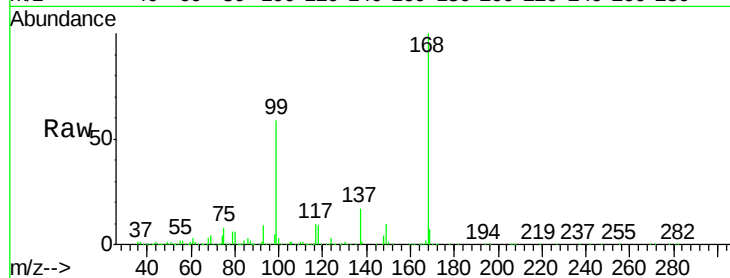
99 58.4 46.3 69.5

Manual Integrations

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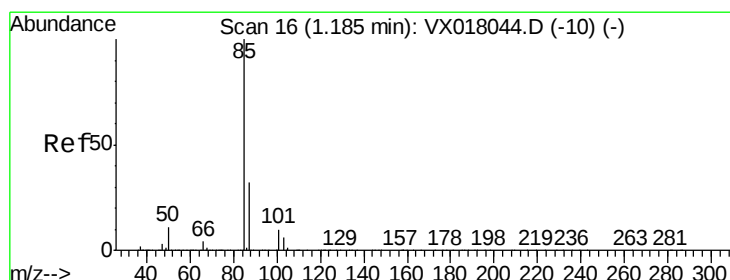
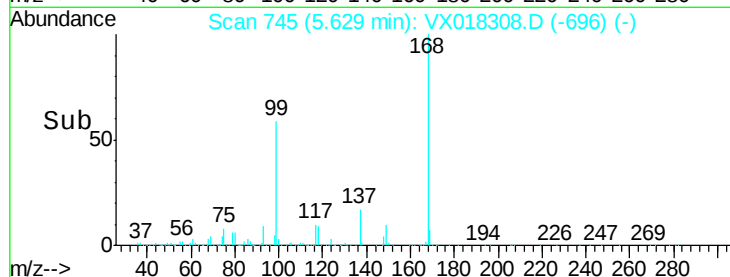
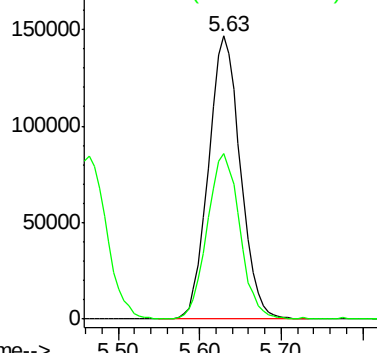
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.321 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018308.D

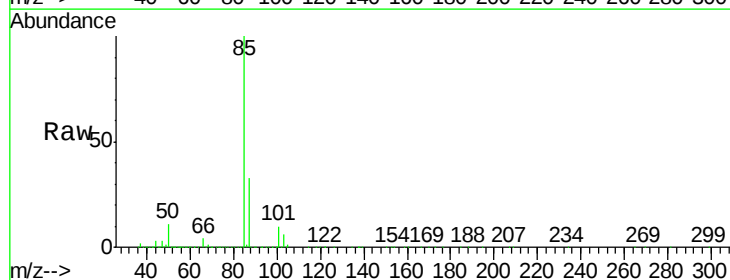
Acq: 09 Sep 2020 04:55

Tgt Ion: 85 Resp: 234041

Ion Ratio Lower Upper

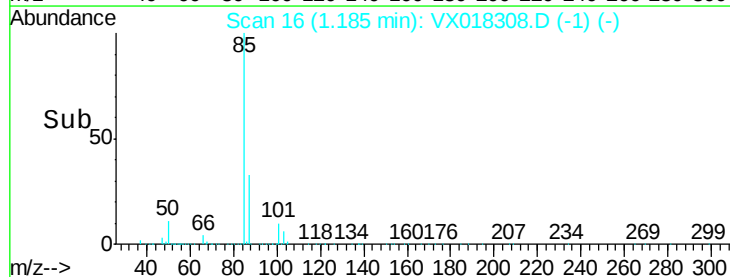
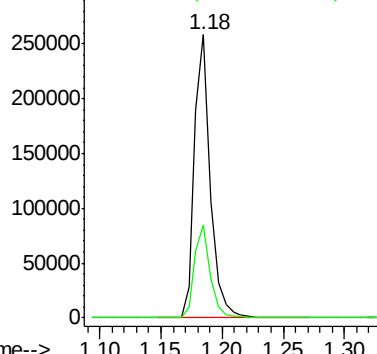
85 100

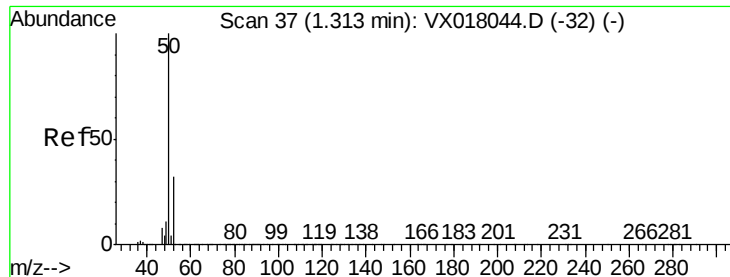
87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.570 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 217379

Ion Ratio Lower Upper

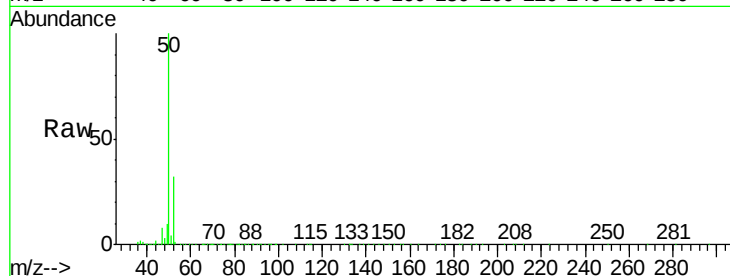
50 100

52 32.1 25.4 38.2

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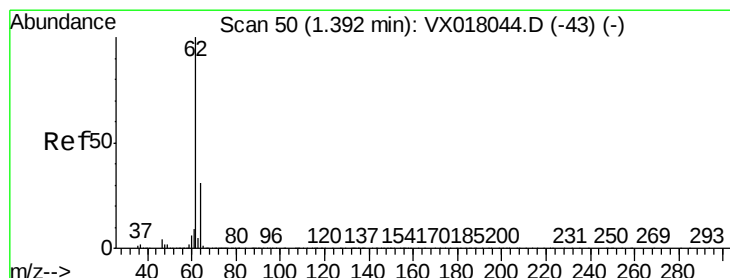
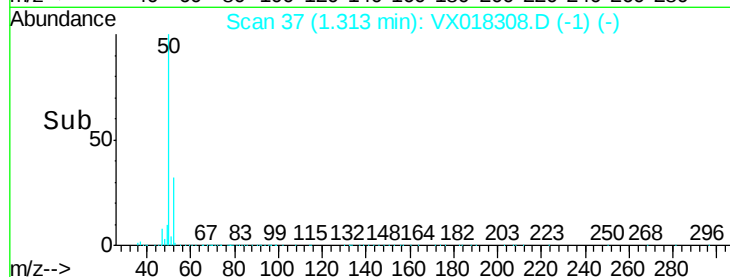
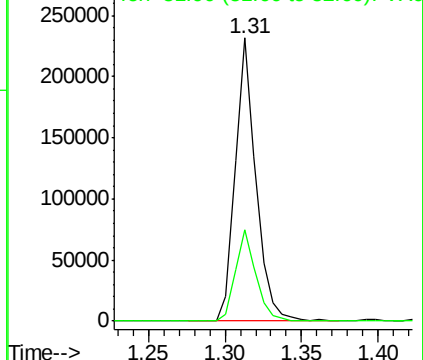
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.404 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018308.D

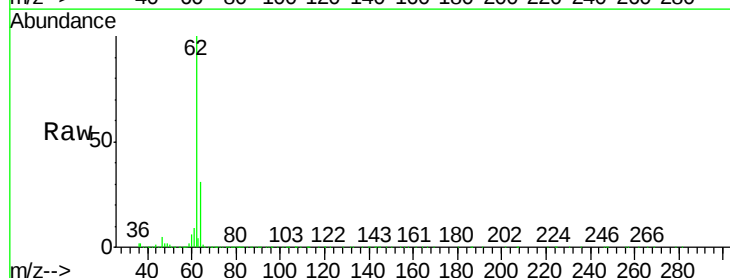
Acq: 09 Sep 2020 04:55

Tgt Ion: 62 Resp: 230798

Ion Ratio Lower Upper

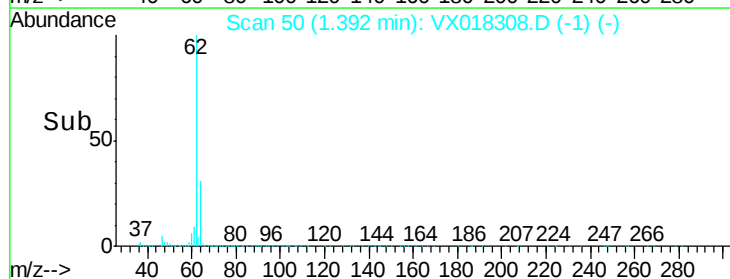
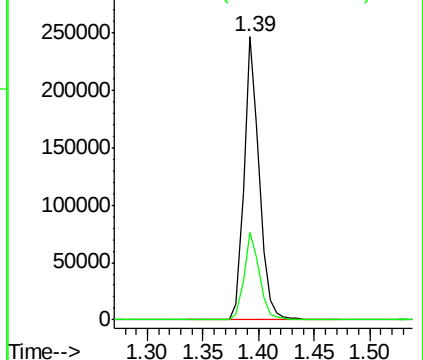
62 100

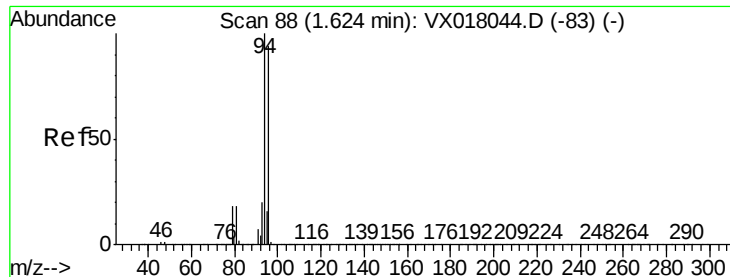
64 30.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.044 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 139860

Ion Ratio Lower Upper

94 100

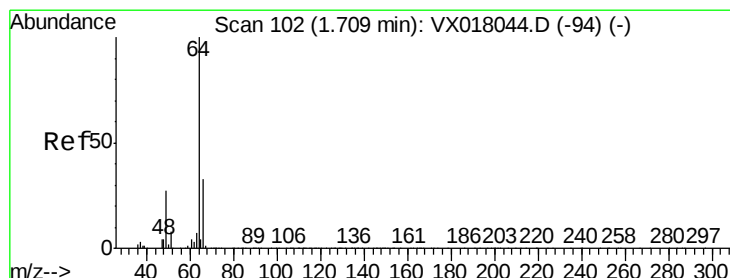
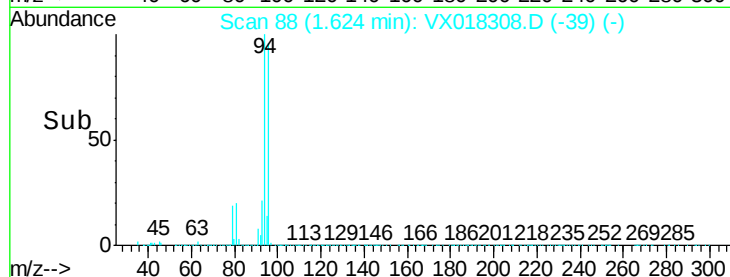
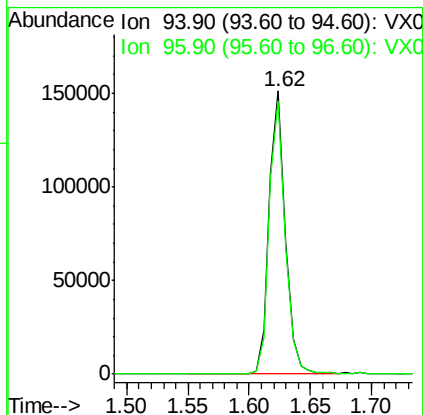
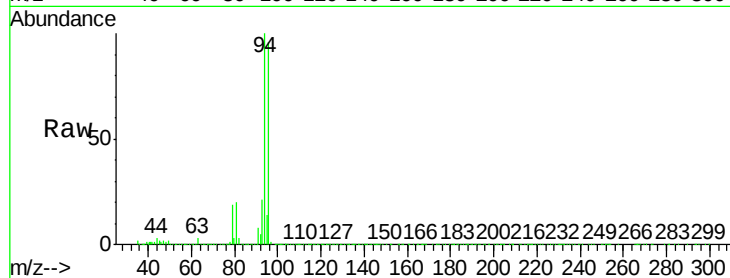
96 96.4 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 51.178 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018308.D

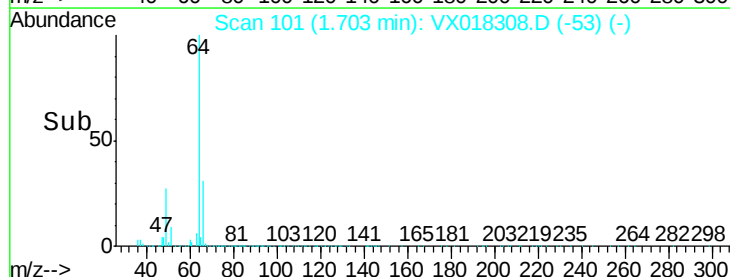
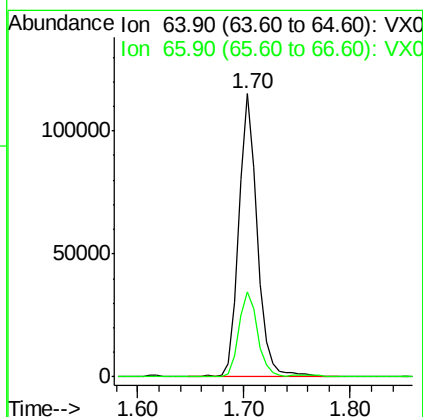
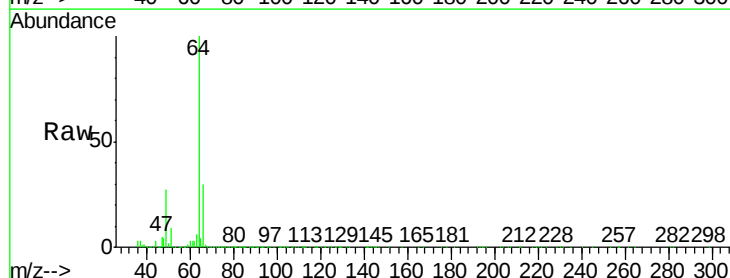
Acq: 09 Sep 2020 04:55

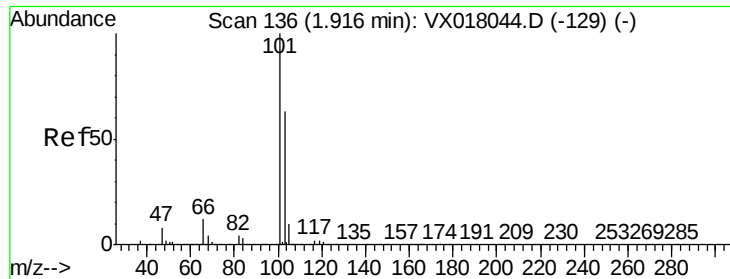
Tgt Ion: 64 Resp: 139723

Ion Ratio Lower Upper

64 100

66 29.8 26.6 39.8





#7

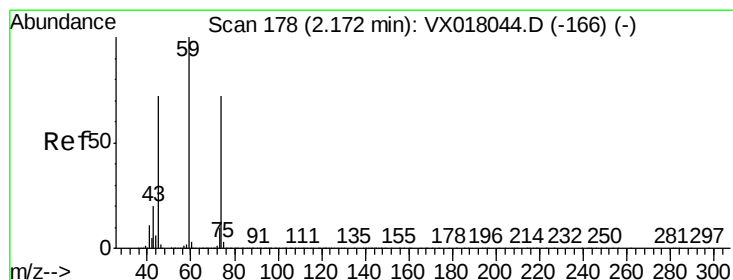
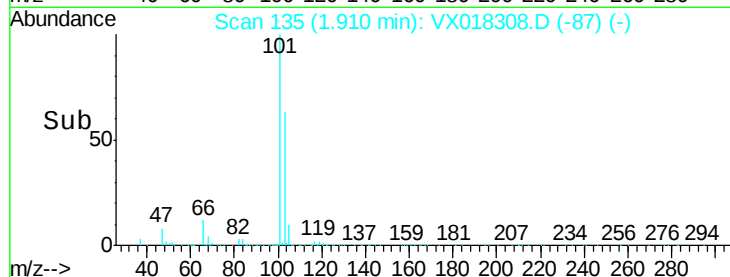
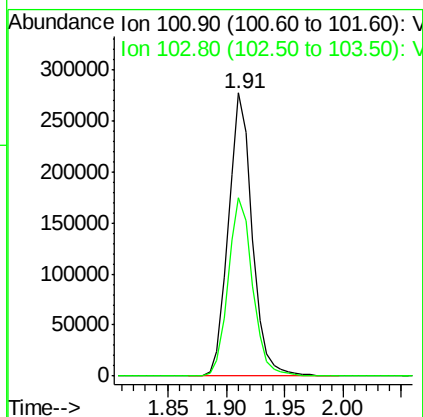
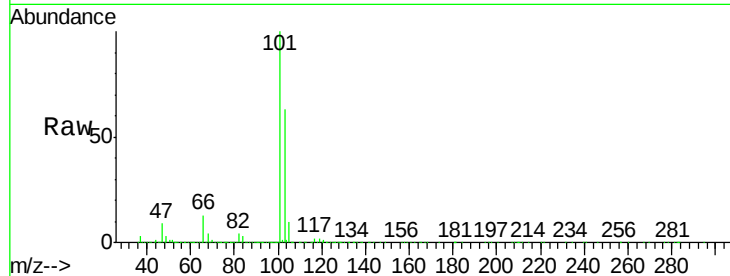
Trichlorofluoromethane
Concen: 56.751 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

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VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.7	76.1

Manual Integrations
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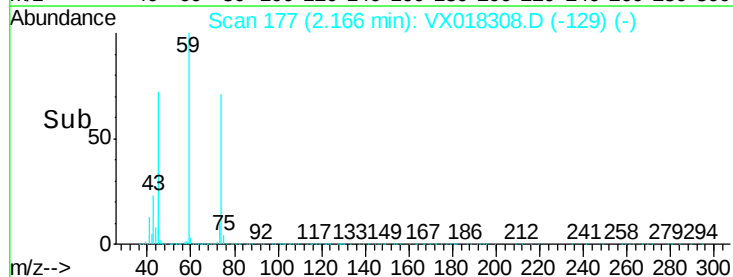
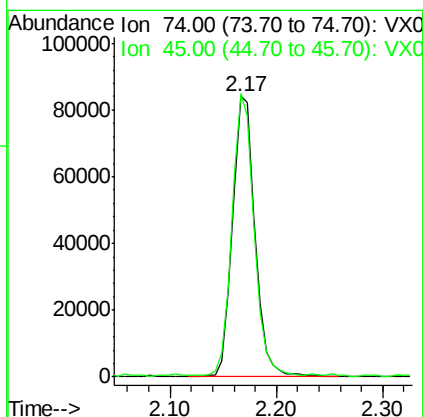
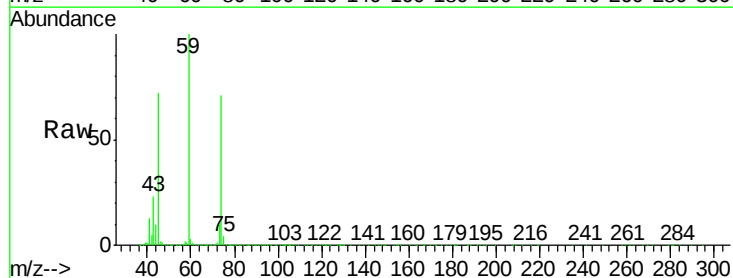
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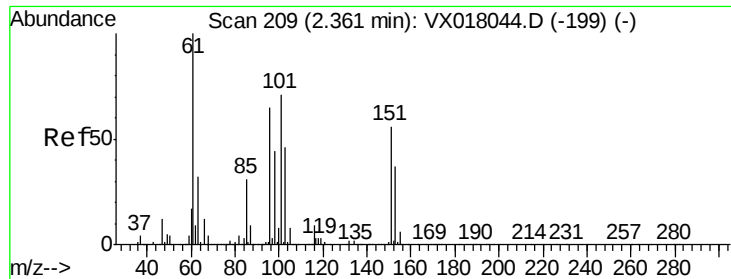


#8

Diethyl Ether
Concen: 53.098 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.919 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

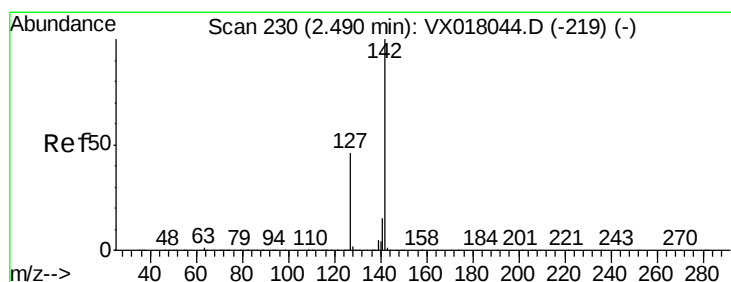
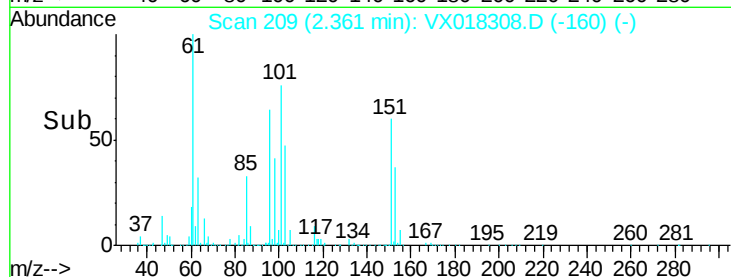
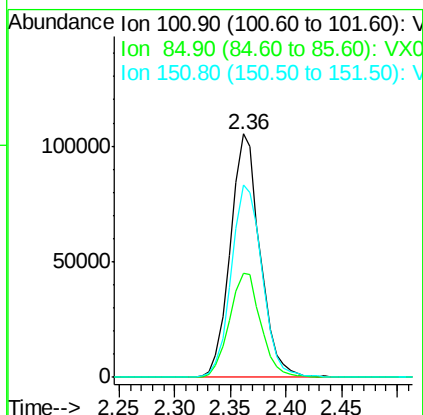
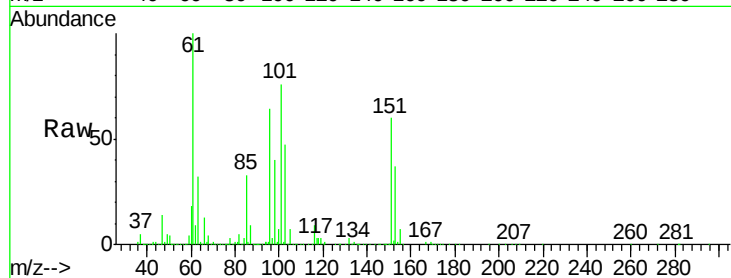
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	194552
Ion Ratio	Lower	Upper	
101	100		
85	45.2	34.0	51.0
151	82.4	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 48.760 ug/l

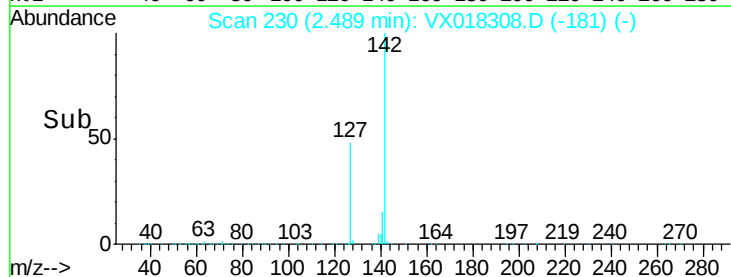
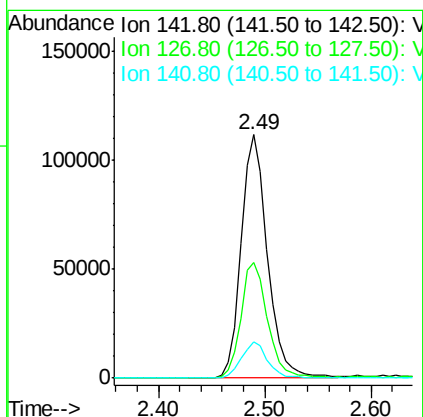
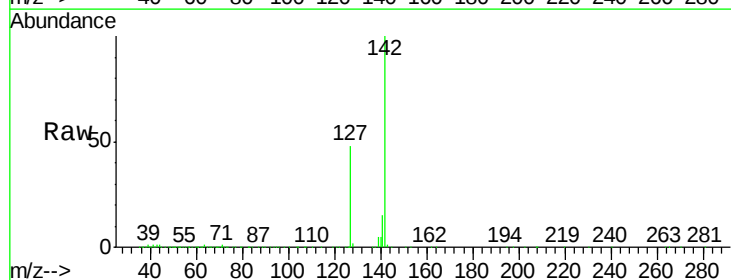
RT: 2.49 min Scan# 230

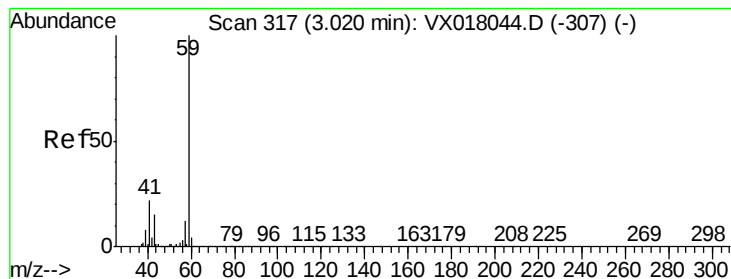
Delta R.T. 0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion:	142	Resp:	194900
Ion Ratio	Lower	Upper	
142	100		
127	48.0	37.0	55.6
141	14.7	11.5	17.3





#11

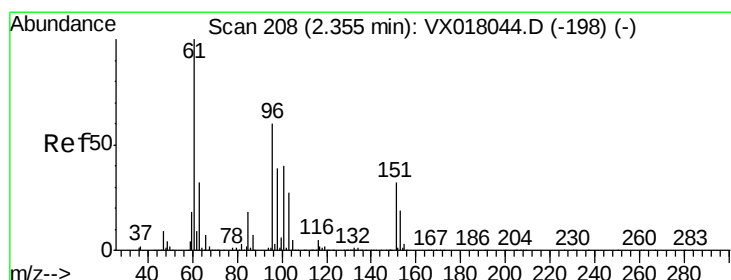
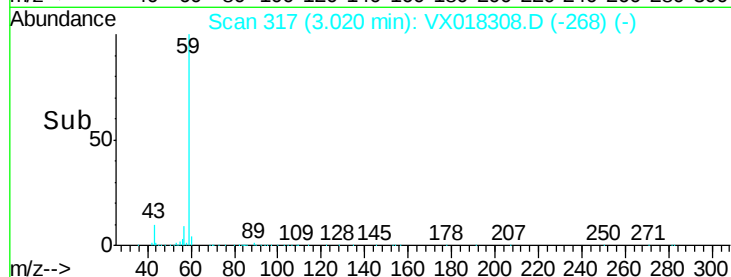
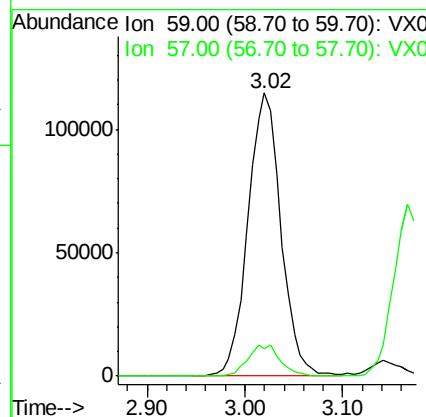
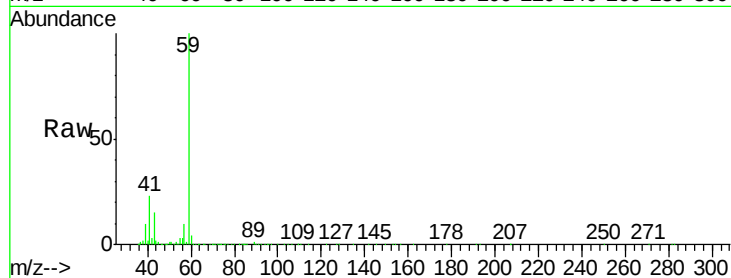
Tert butyl alcohol
Concen: 249.340 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.9	13.3

Manual Integrations
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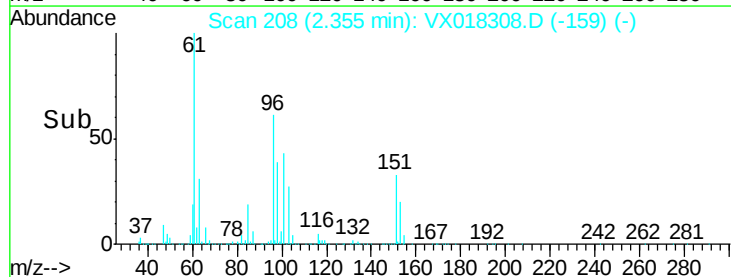
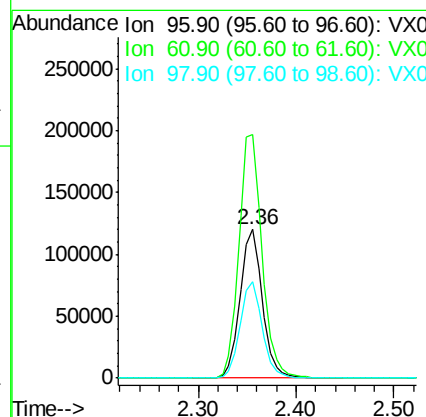
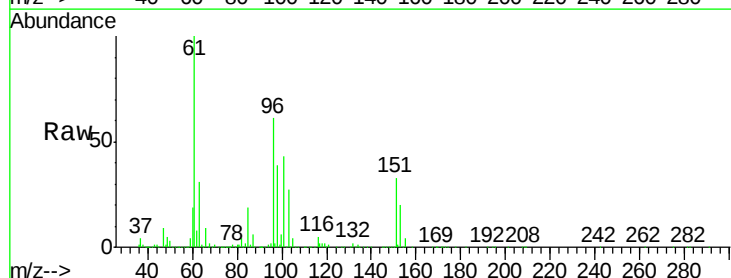
MMDadoda
9/9/2020 8:47:55 PM

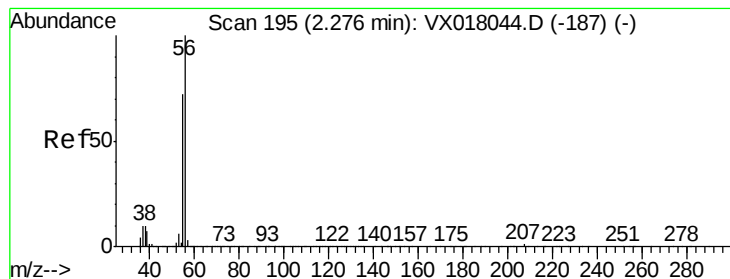


#12

1,1-Dichloroethene
Concen: 49.084 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	133.0	199.4
98	64.5	51.6	77.4





#13

Acrolein

Concen: 205.014 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 91282

Ion Ratio Lower Upper

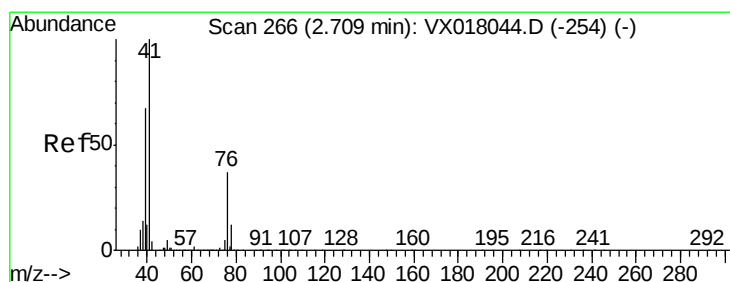
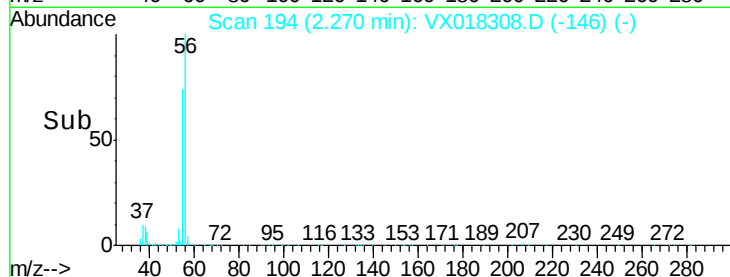
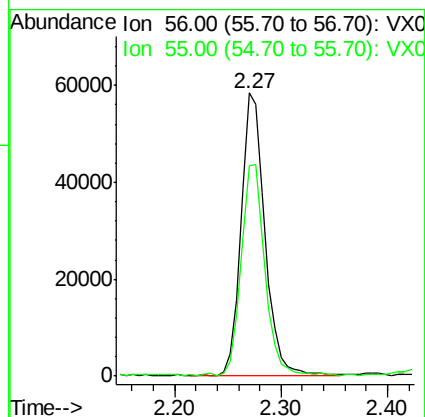
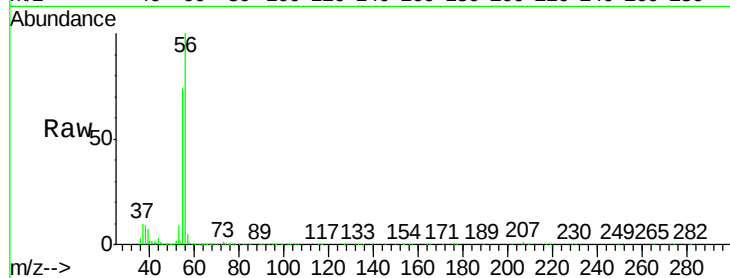
56 100

55 74.9 57.0 85.6

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 48.026 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

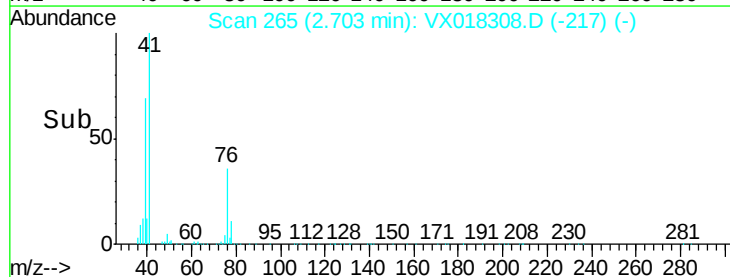
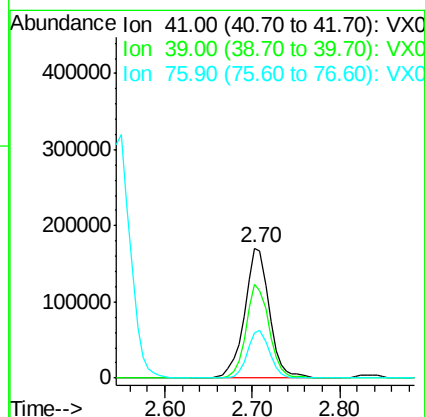
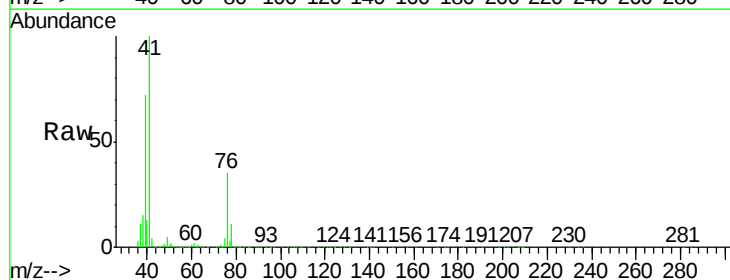
Tgt Ion: 41 Resp: 335440

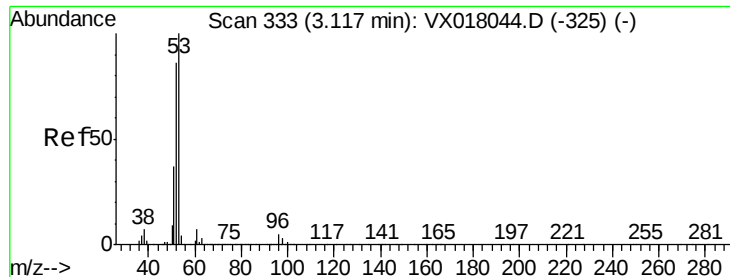
Ion Ratio Lower Upper

41 100

39 66.6 50.6 76.0

76 32.7 26.2 39.2





#15

Acrylonitrile

Concen: 254.704 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

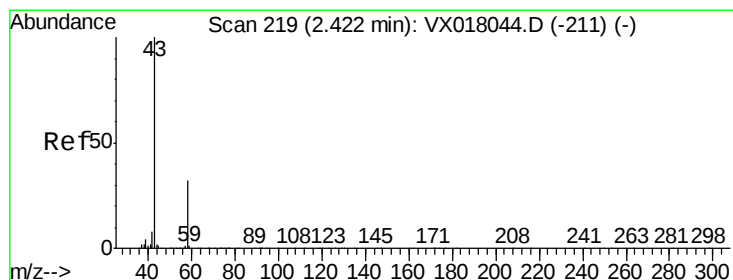
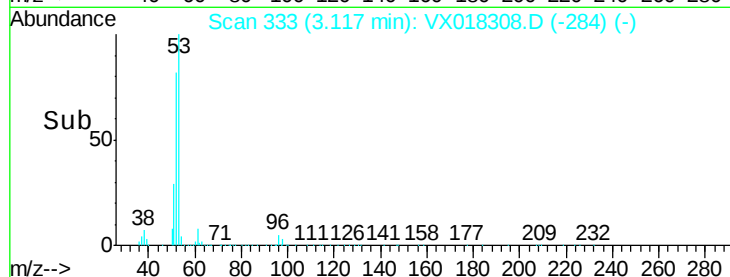
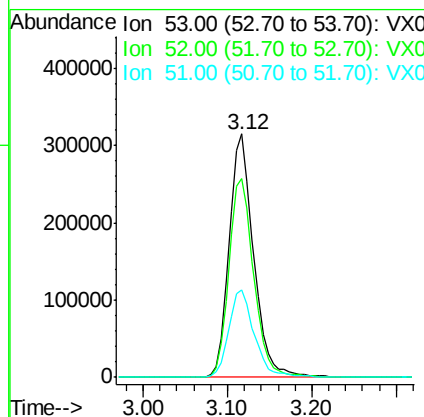
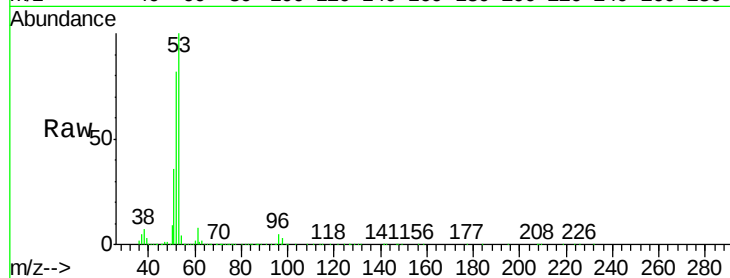
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	620409
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	37.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 267.647 ug/l

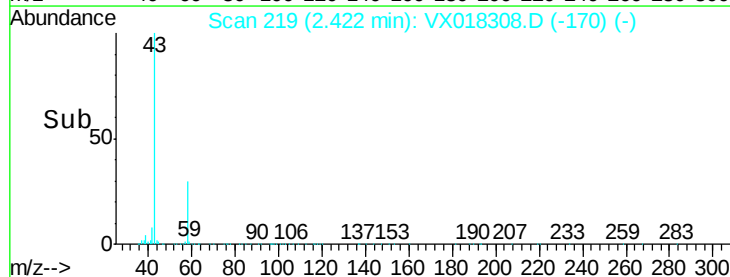
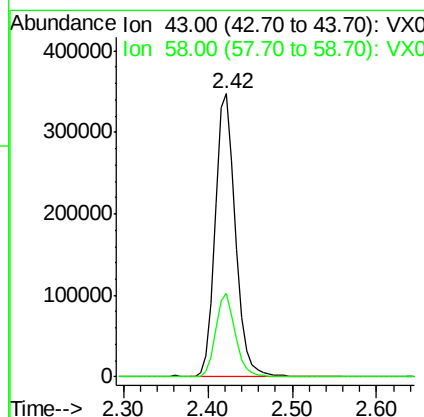
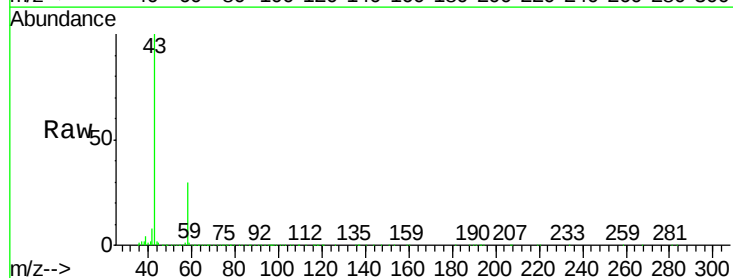
RT: 2.42 min Scan# 219

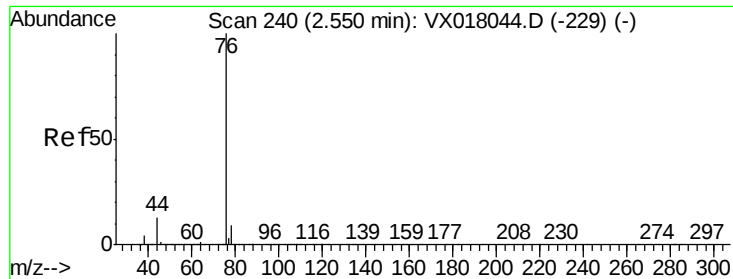
Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion:	43	Resp:	575968
Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.5	38.3





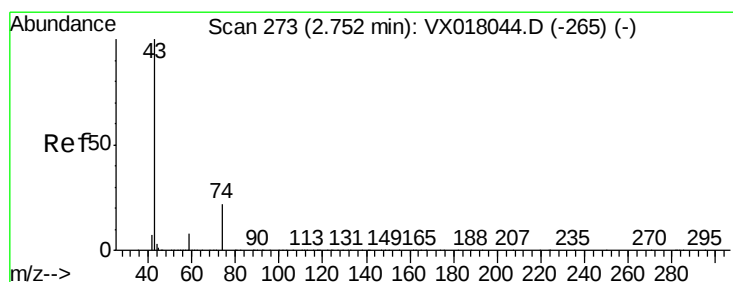
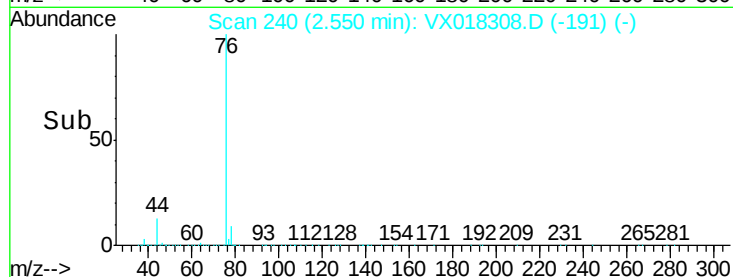
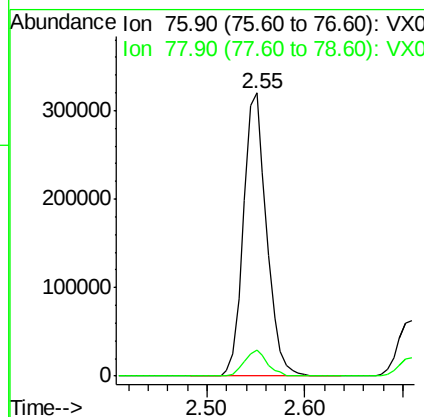
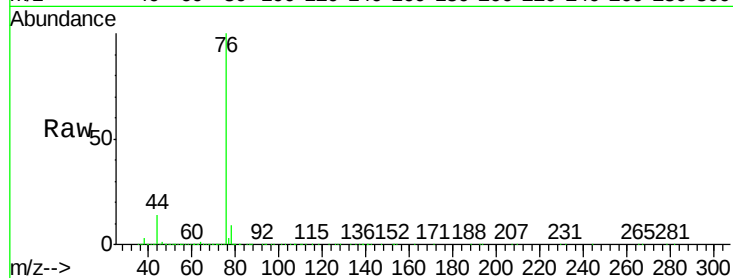
#17
Carbon Disulfide
Concen: 44.572 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 523831
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

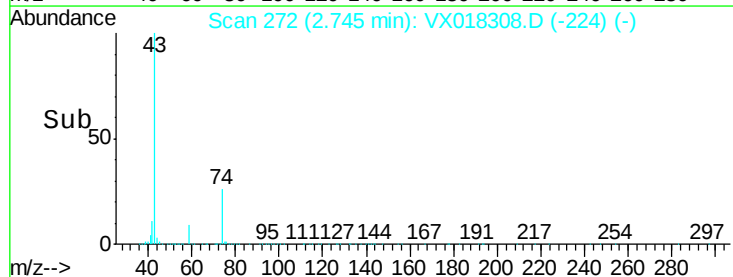
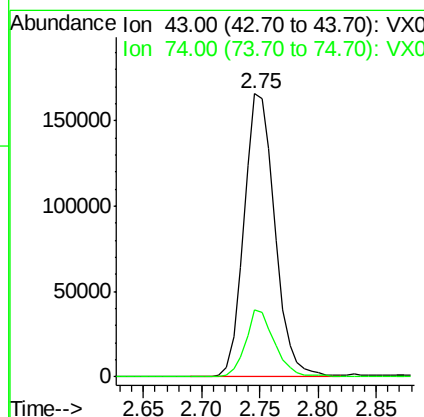
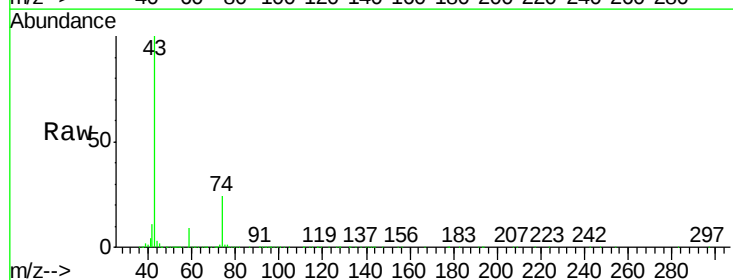
Manual Integrations
APPROVED

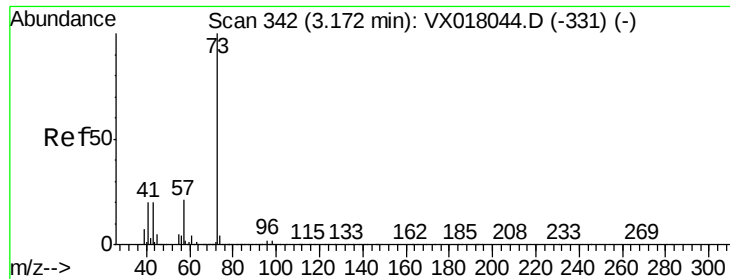
MMDadoda
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#18
Methyl Acetate
Concen: 58.850 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 43 Resp: 305607
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4





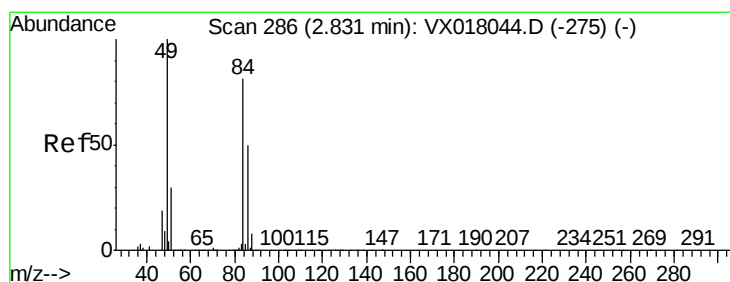
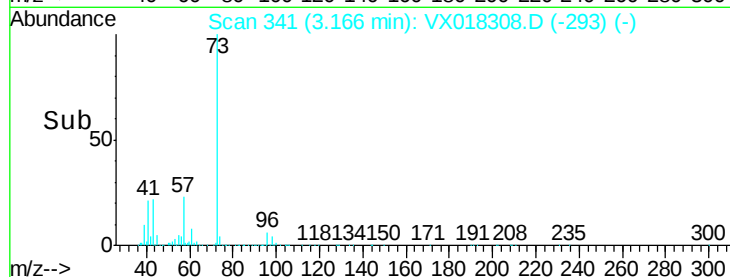
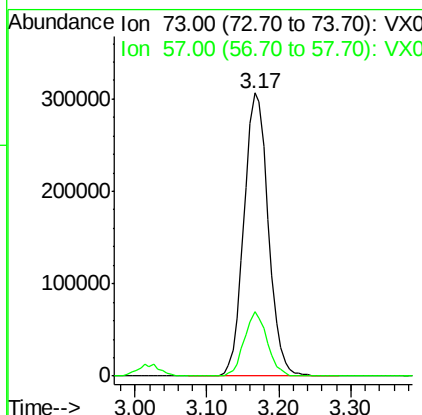
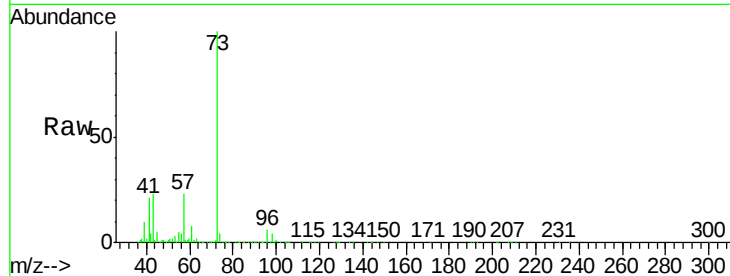
#19
Methyl tert-butyl Ether
Concen: 53.830 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 717693
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

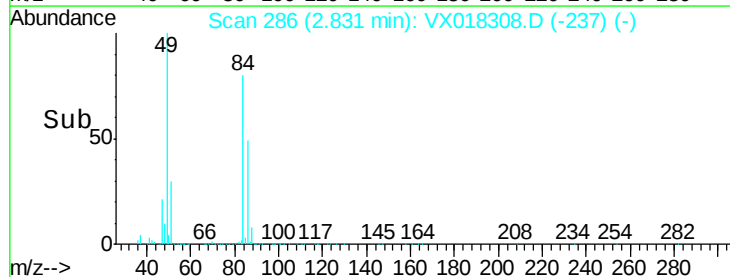
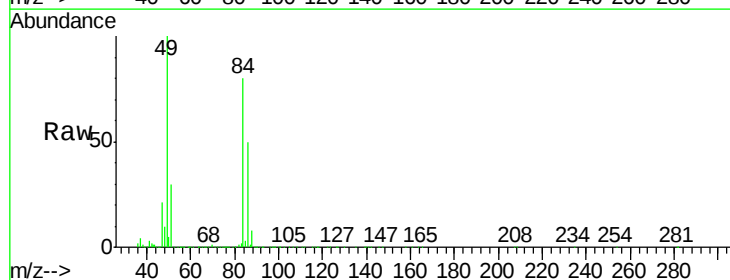
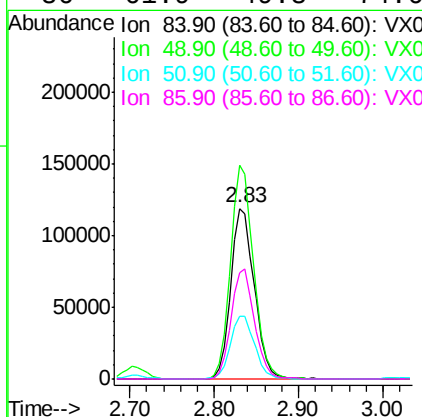
Manual Integrations
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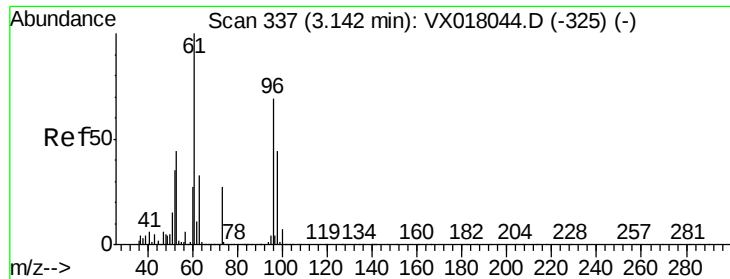
MMDadoda
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#20
Methylene Chloride
Concen: 51.248 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 84 Resp: 225369
Ion Ratio Lower Upper
84 100
49 125.0 98.6 148.0
51 37.0 29.6 44.4
86 61.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 49.296 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

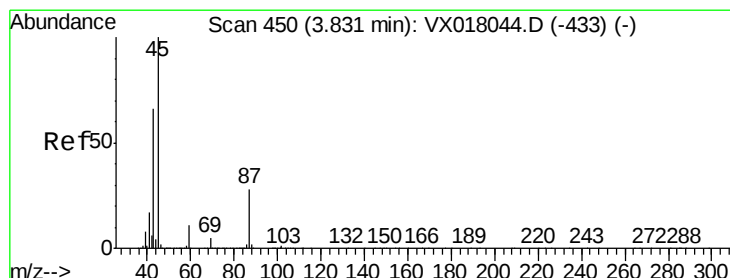
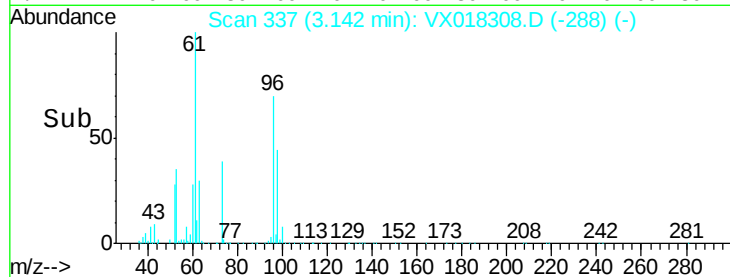
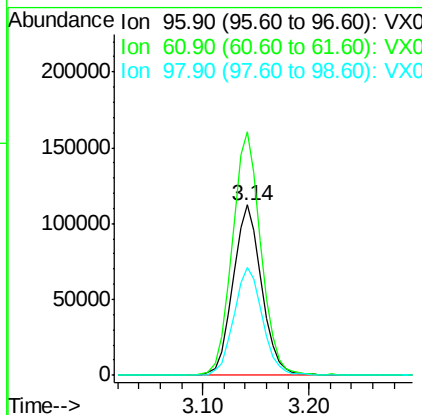
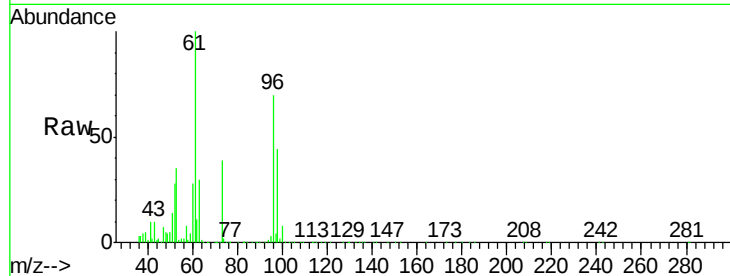
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	212324
Ion	Ratio	Lower	Upper
96	100		
61	142.7	115.4	173.0
98	63.2	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.516 ug/l

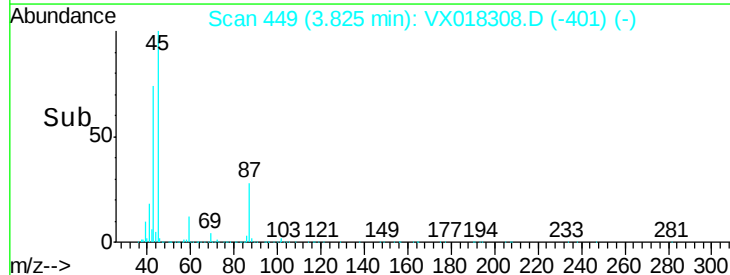
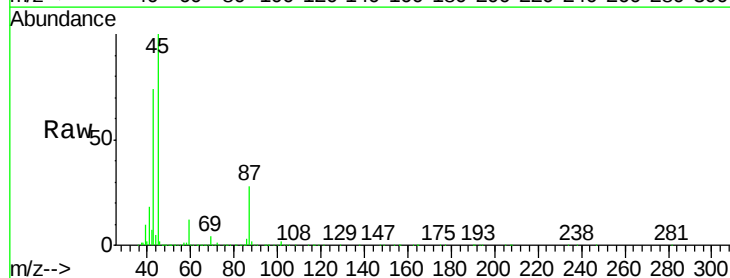
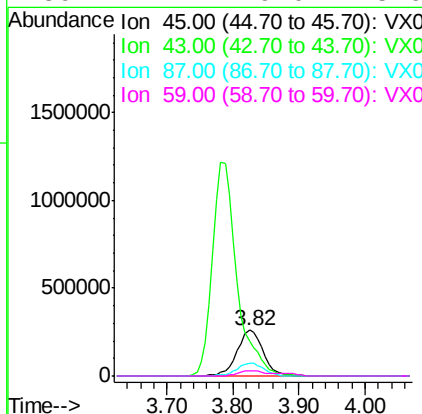
RT: 3.82 min Scan# 449

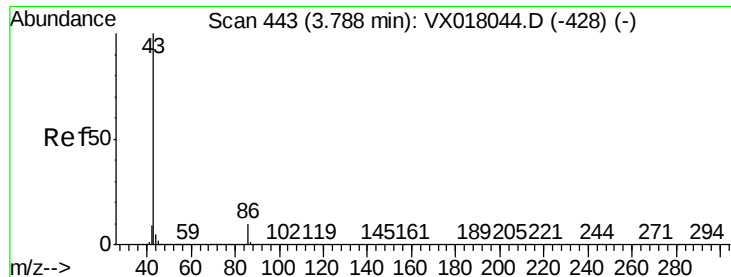
Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion:	45	Resp:	710175
Ion	Ratio	Lower	Upper
45	100		
43	73.8	52.8	79.2
87	27.6	22.5	33.7
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 255.494 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3134015

Ion Ratio Lower Upper

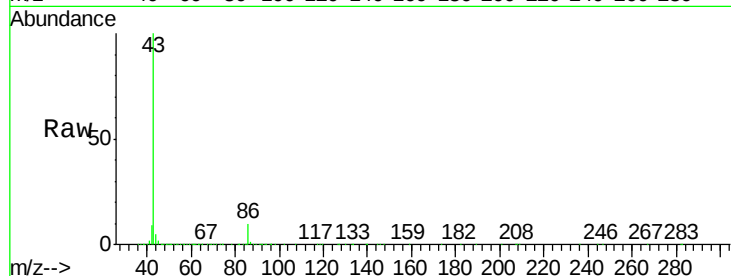
43 100

86 10.1 7.9 11.9

Manual Integrations
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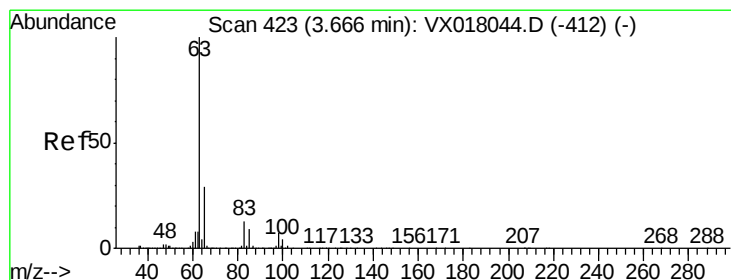
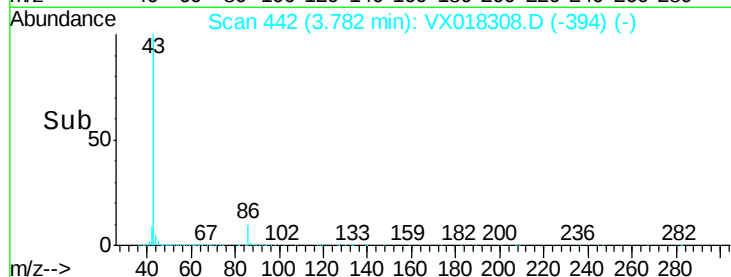
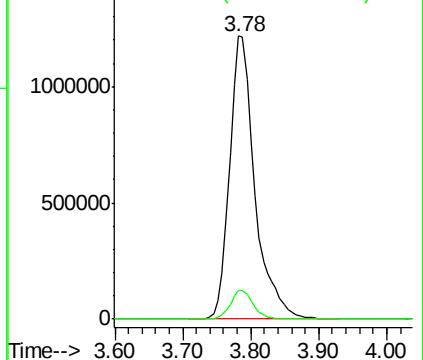
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.636 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

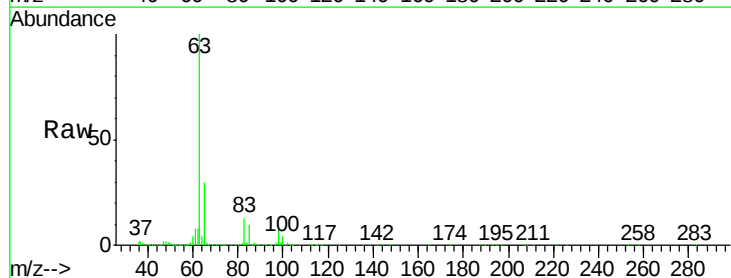
Tgt Ion: 63 Resp: 397360

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

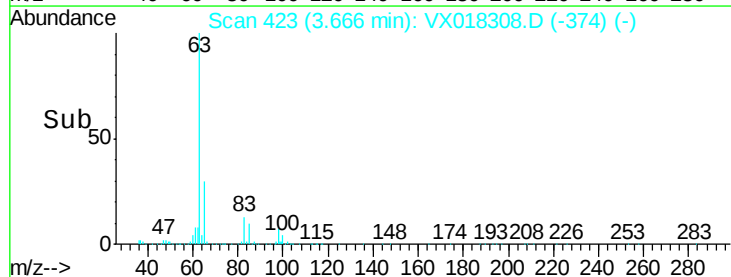
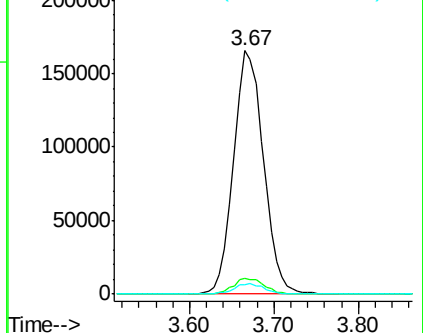
100 4.1 2.0 6.0

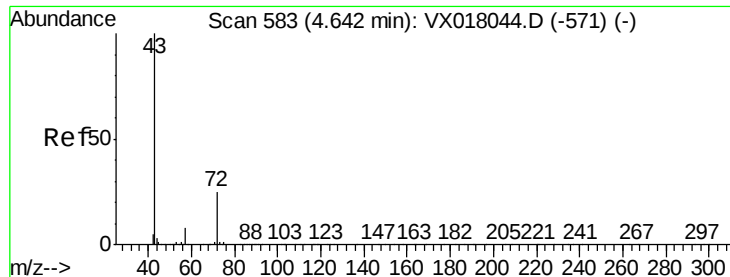


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





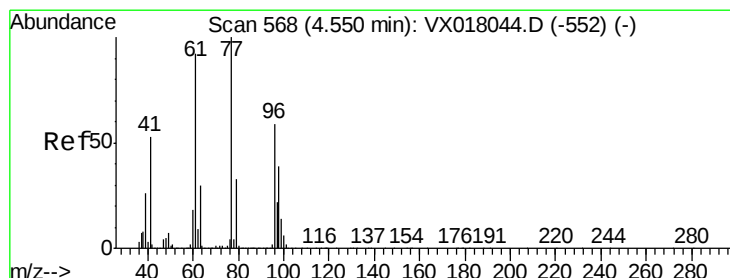
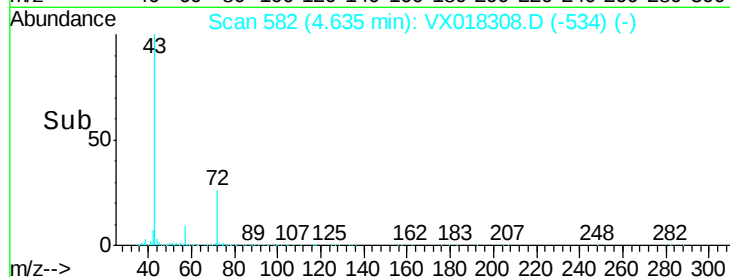
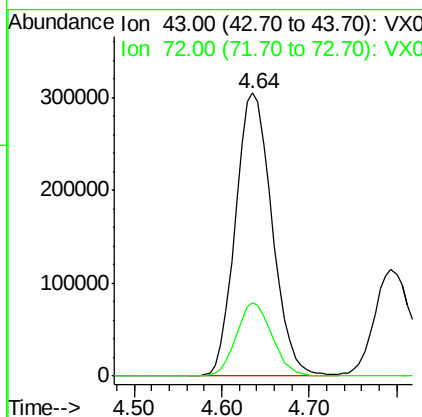
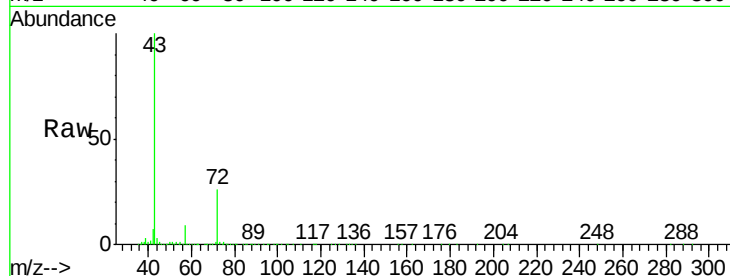
#25
2-Butanone
Concen: 249.146 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 881149
Ion Ratio Lower Upper
43 100
72 25.9 19.8 29.6

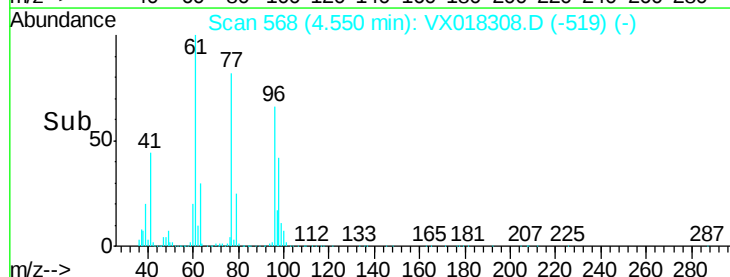
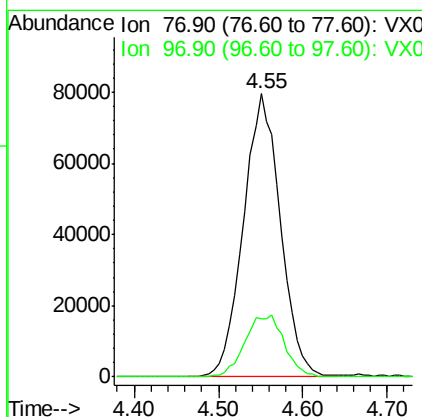
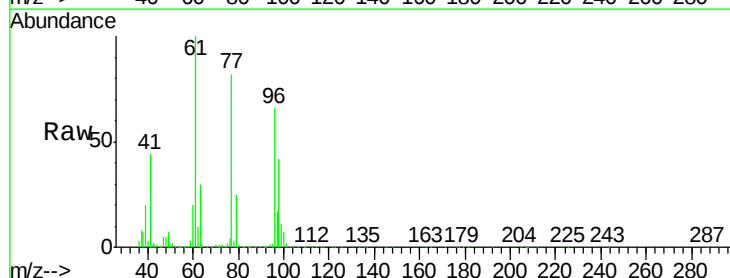
Manual Integrations
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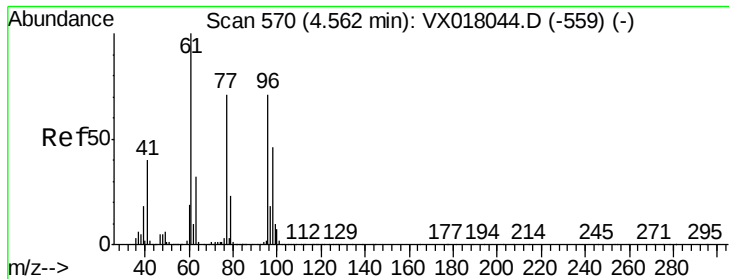
MMDadoda
9/9/2020 8:47:55 PM



#26
2,2-Dichloropropane
Concen: 36.985 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 77 Resp: 236145
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5





#27

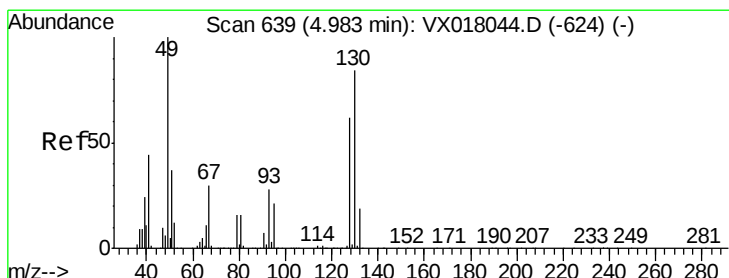
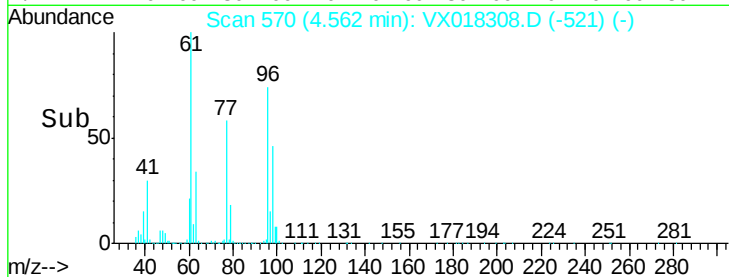
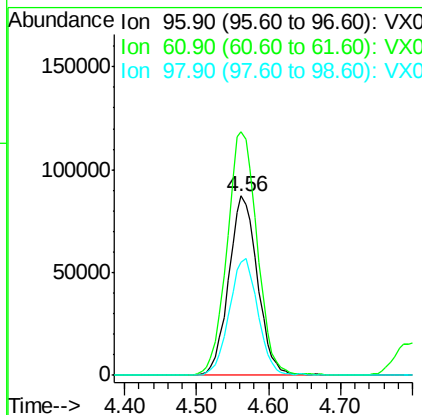
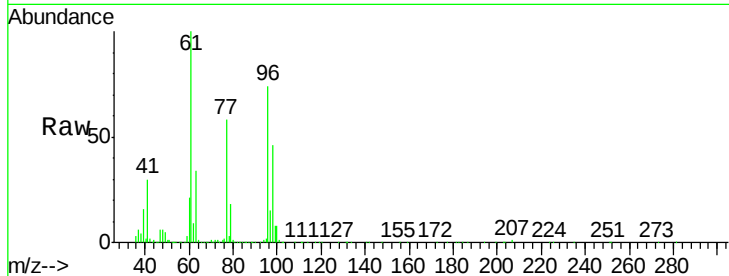
cis-1,2-Dichloroethene
Concen: 48.665 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	241507		
61	142.7	0.0	296.6	
98	65.4	0.0	130.2	

Manual Integrations
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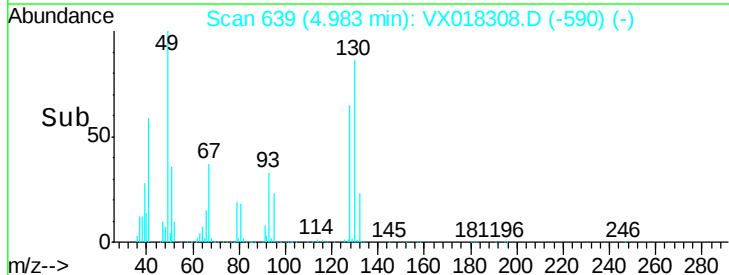
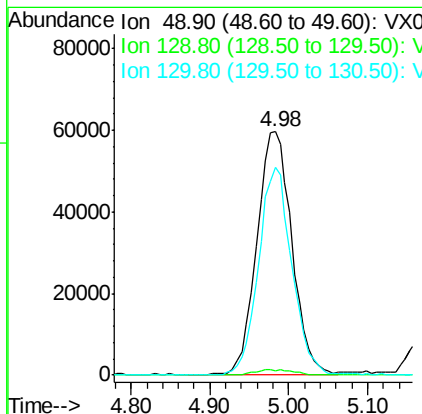
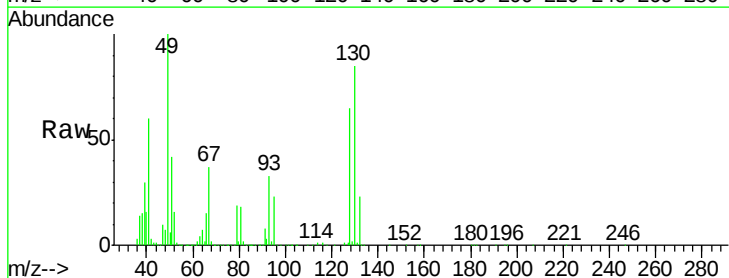
MMDadoda
9/9/2020 8:47:55 PM



#28

Bromochloromethane
Concen: 48.724 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	184560		
129	2.5	0.0	4.6	
130	81.4	64.6	96.8	





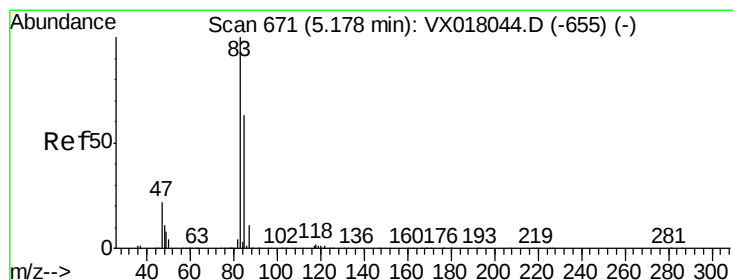
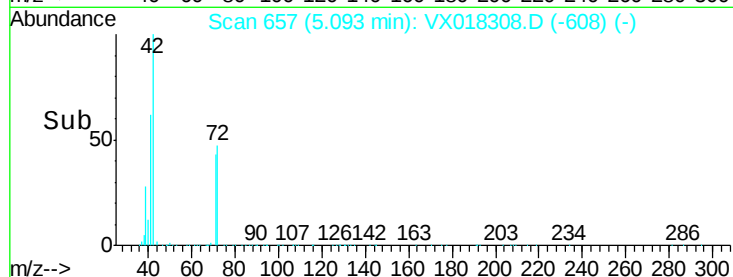
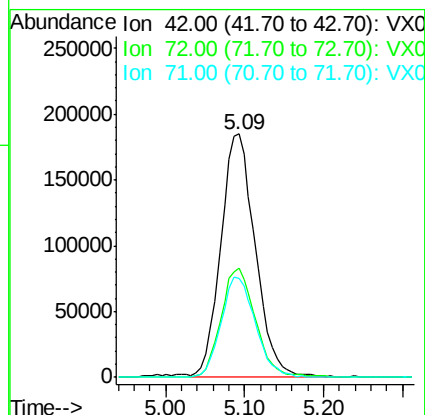
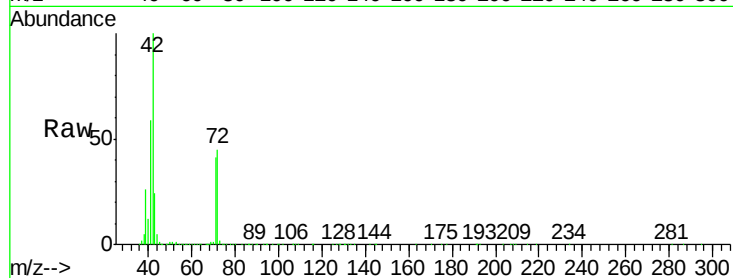
#29
Tetrahydrofuran
Concen: 247.636 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.2	51.4
71	41.2	32.1	48.1

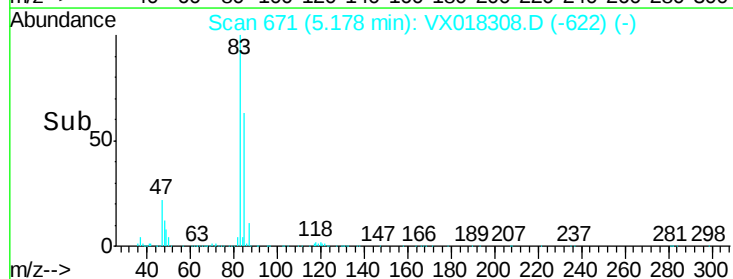
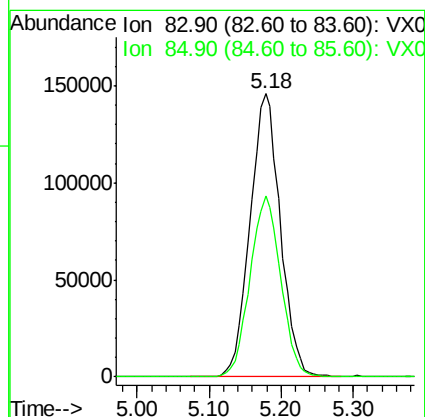
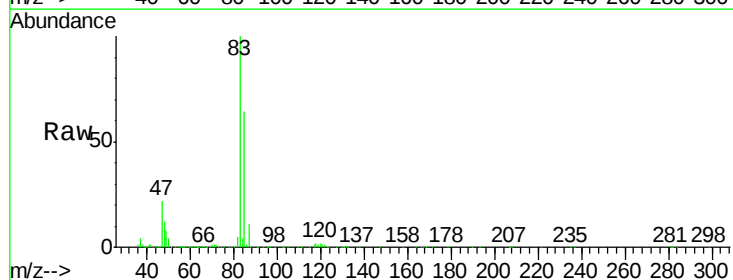
Manual Integrations
APPROVED

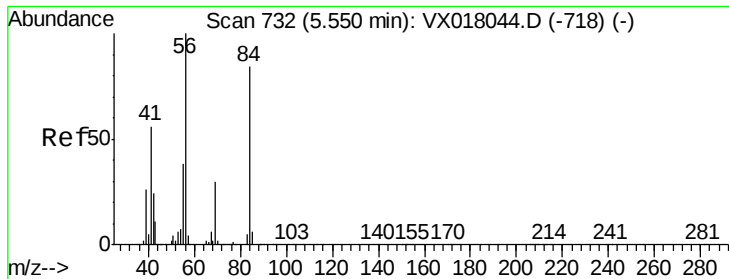
MMDadoda
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#30
Chloroform
Concen: 52.426 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.7	76.1





#31

Cyclohexane

Concen: 48.806 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 322623

Ion Ratio Lower Upper

56 100

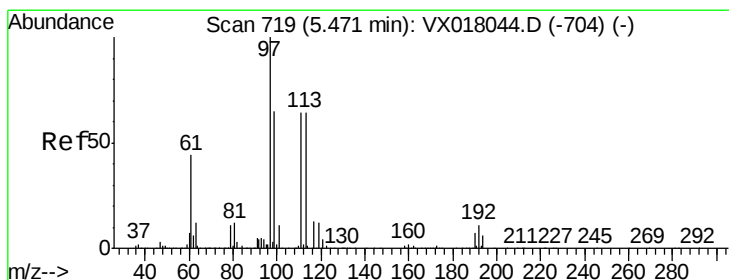
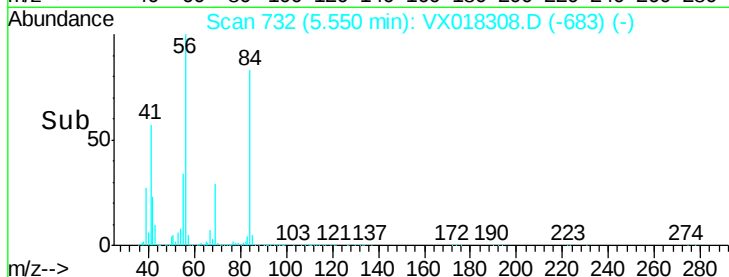
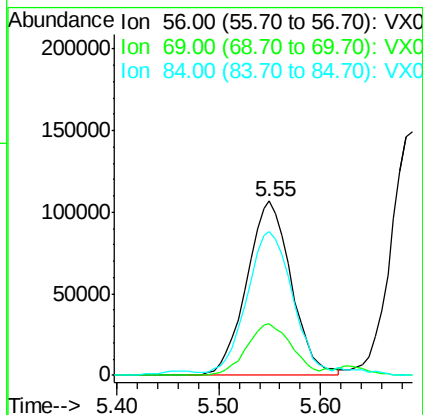
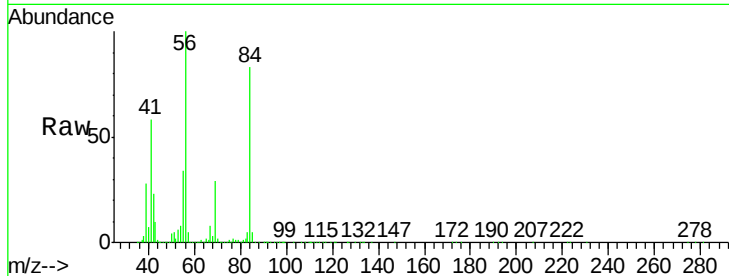
69 29.0 23.9 35.9

84 80.5 67.0 100.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.152 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

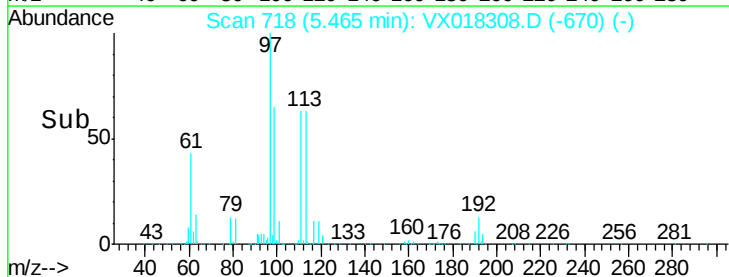
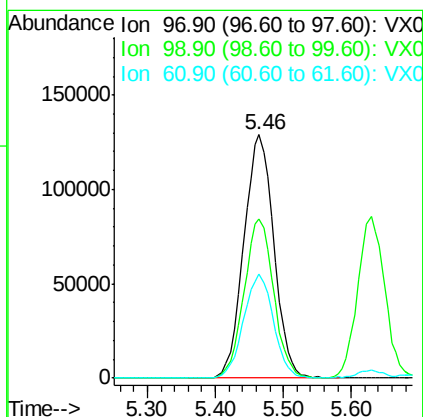
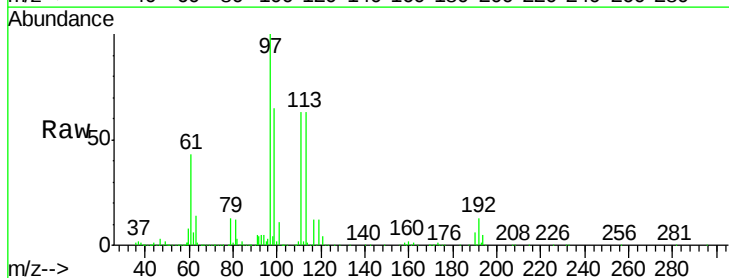
Tgt Ion: 97 Resp: 396340

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 42.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 54.231 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 299502
Ion Ratio Lower Upper

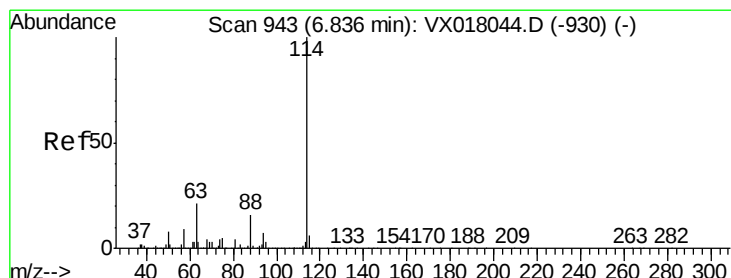
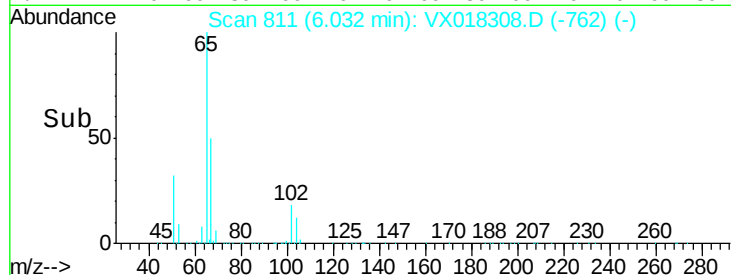
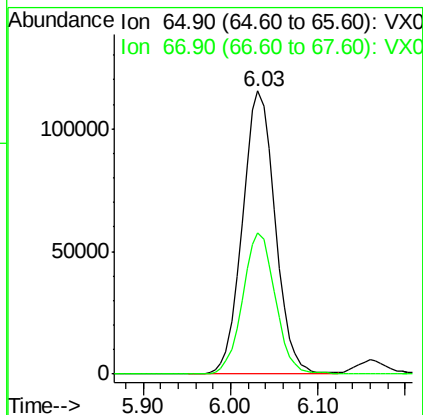
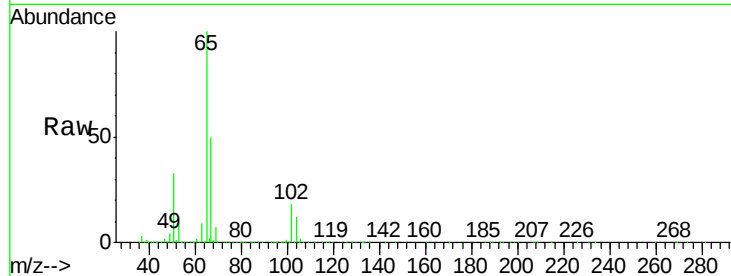
65 100

67 49.6 0.0 105.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018308.D

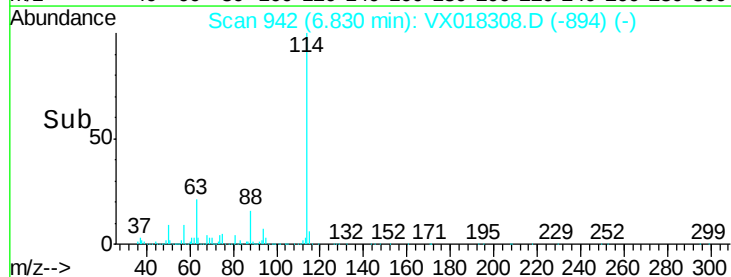
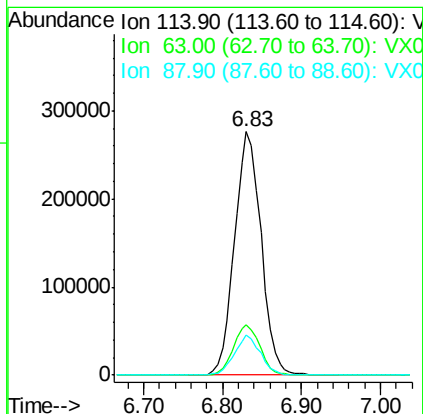
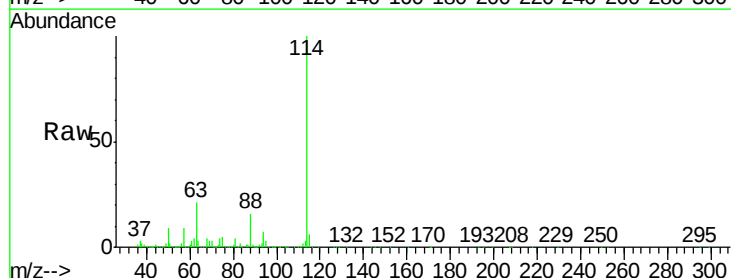
Acq: 09 Sep 2020 04:55

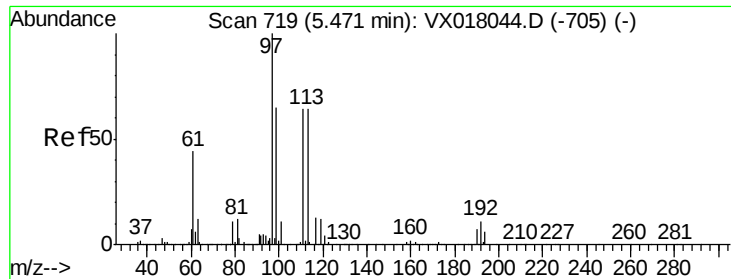
Tgt Ion: 114 Resp: 647405
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.3 0.0 31.8





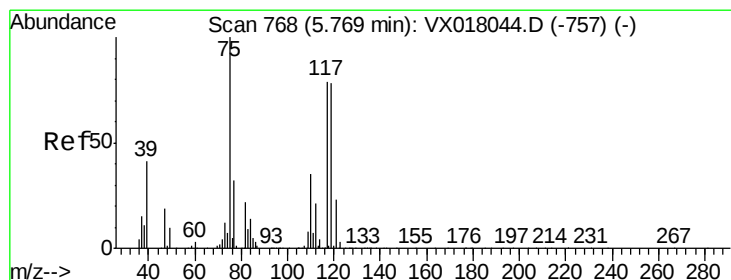
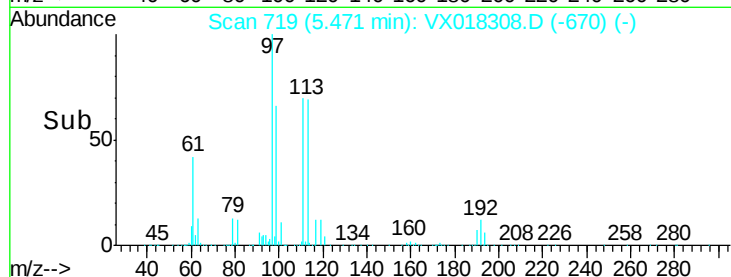
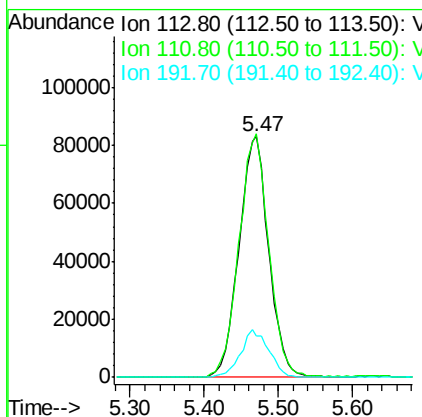
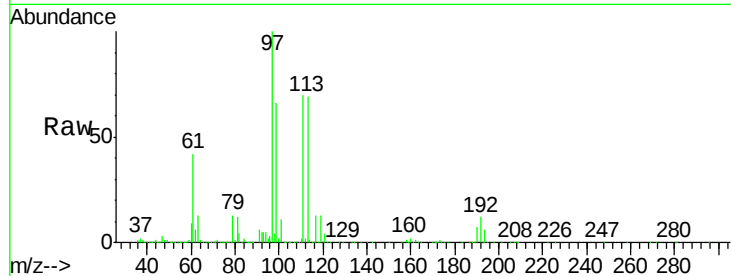
#35
Dibromofluoromethane
Concen: 52.811 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	232851		
111	101.6	81.6	122.4	
192	19.0	15.8	23.8	

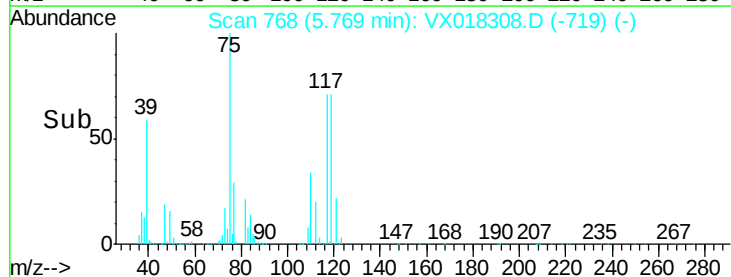
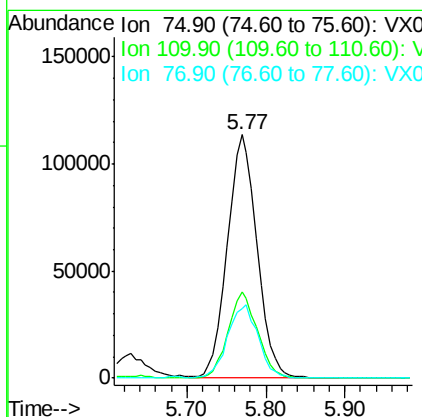
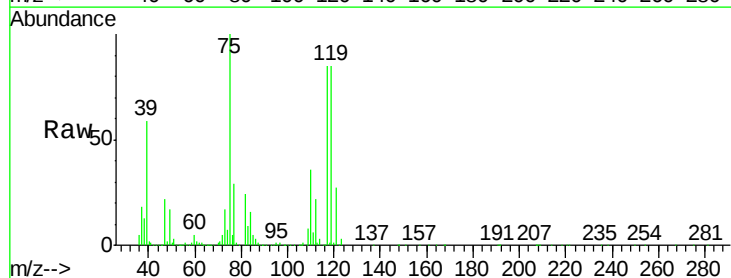
Manual Integrations
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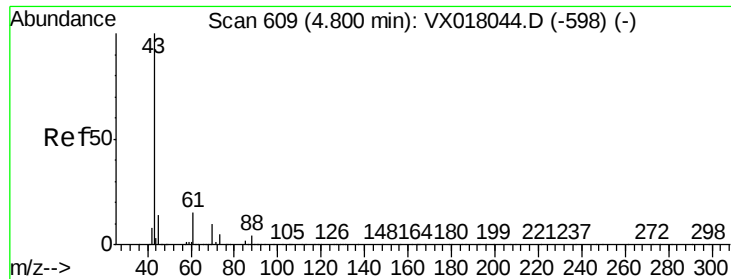
MMDadoda
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#36
1,1-Dichloropropene
Concen: 49.758 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	297122		
110	35.1	18.0	54.0	
77	30.8	24.4	36.6	





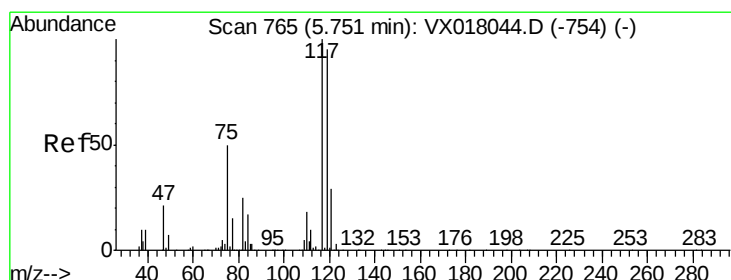
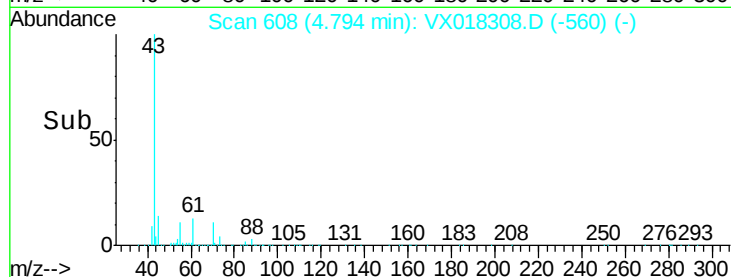
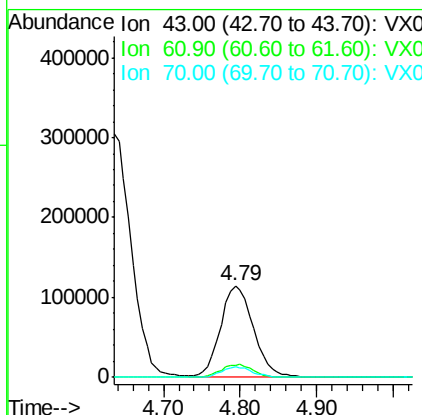
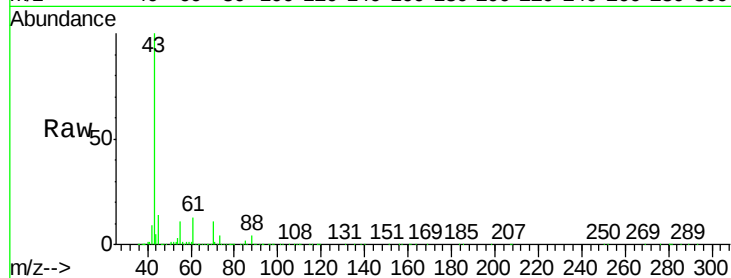
#37
Ethyl Acetate
Concen: 48.995 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.7	8.2	12.4

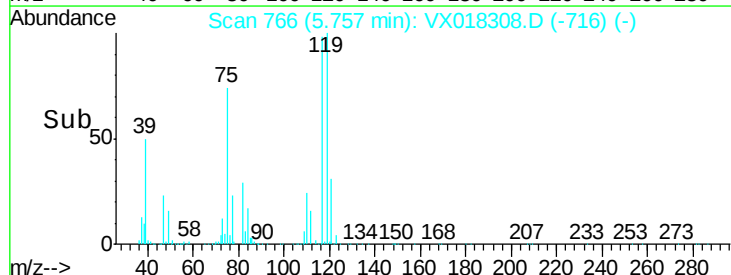
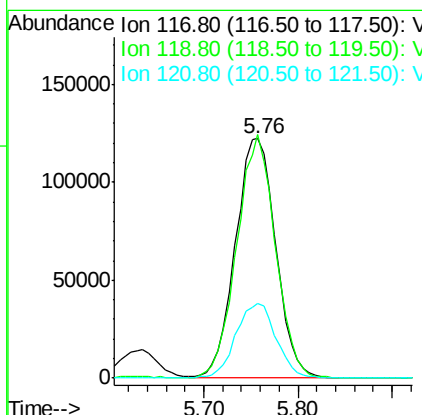
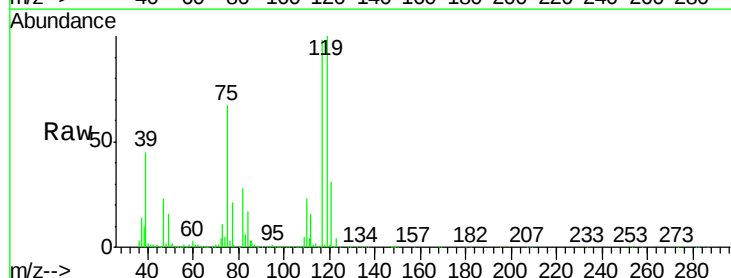
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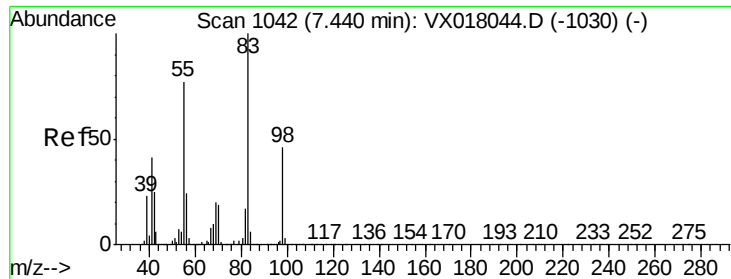
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#38
Carbon Tetrachloride
Concen: 54.351 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.7	75.8	113.6
121	31.0	23.4	35.0





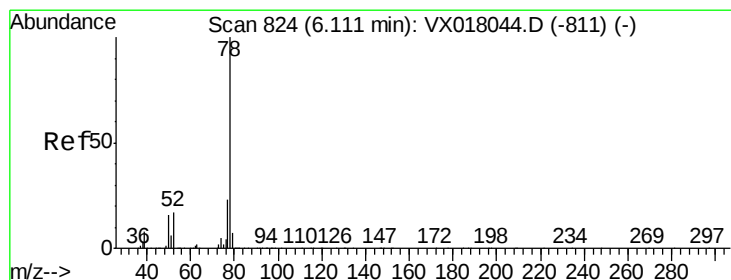
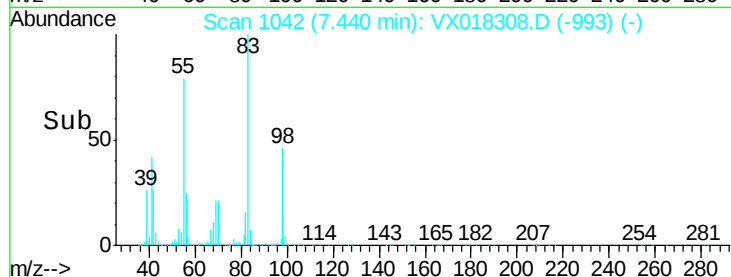
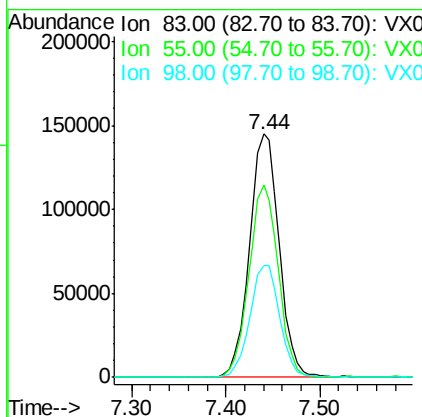
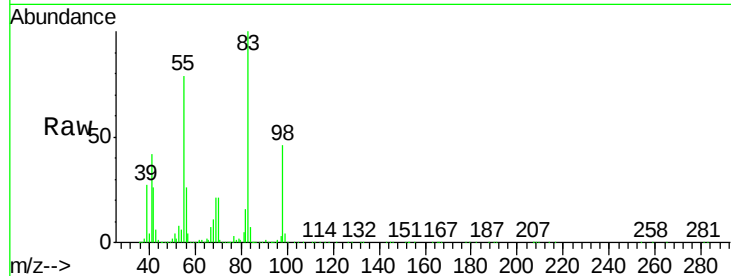
#39
Methylcyclohexane
Concen: 49.255 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.8	92.6
98	46.0	36.6	55.0

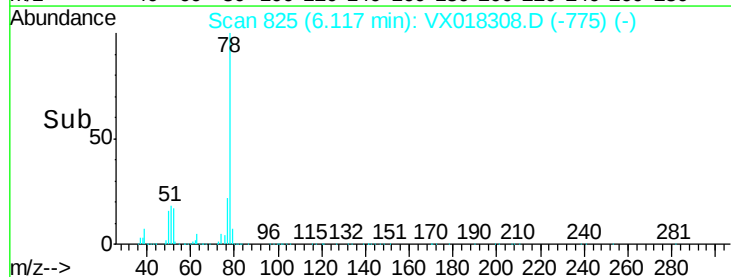
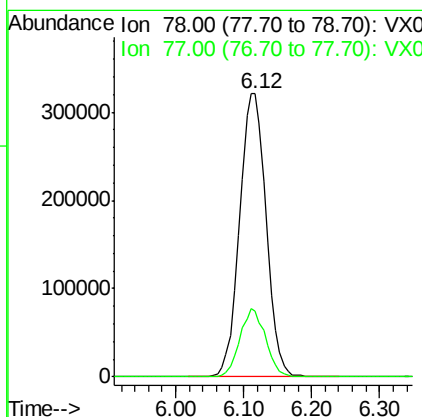
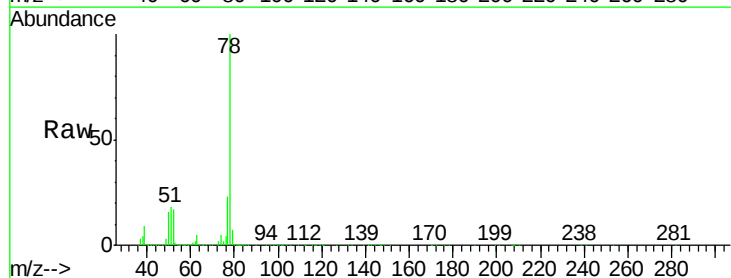
Manual Integrations
APPROVED

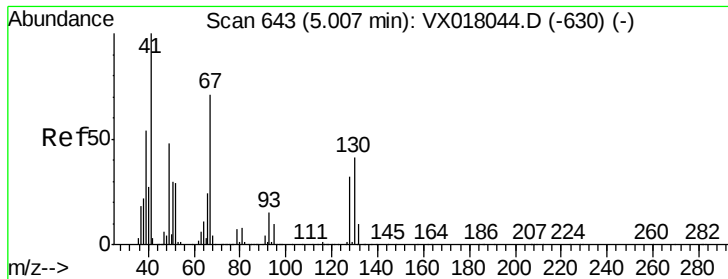
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#40
Benzene
Concen: 49.449 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.2





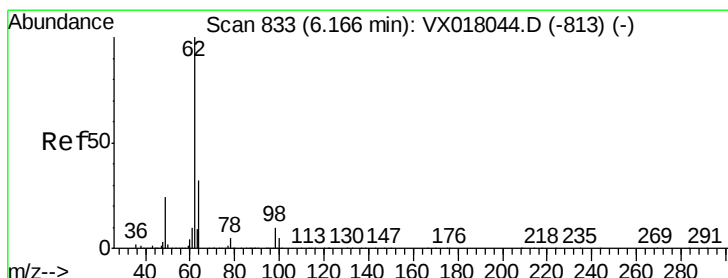
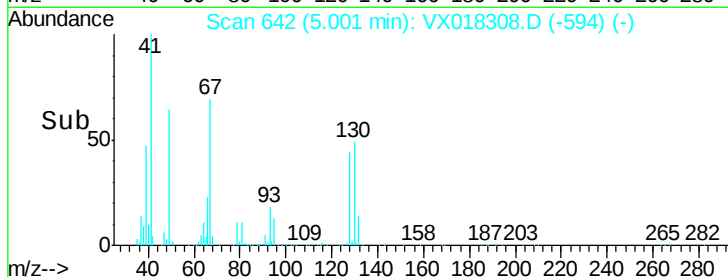
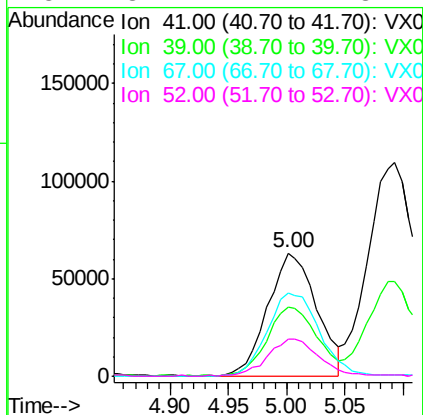
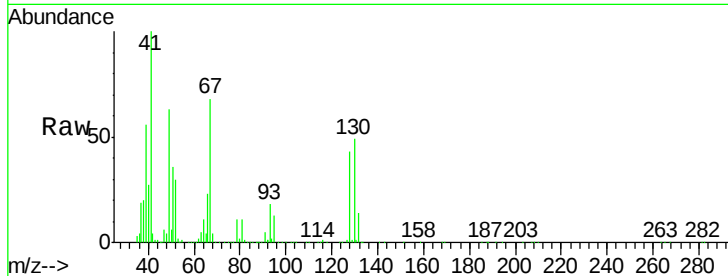
#41
Methacrylonitrile
Concen: 47.867 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.1	64.7
67	72.4	56.0	84.0
52	31.2	22.7	34.1

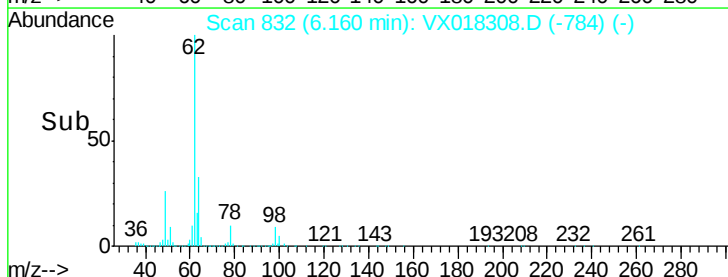
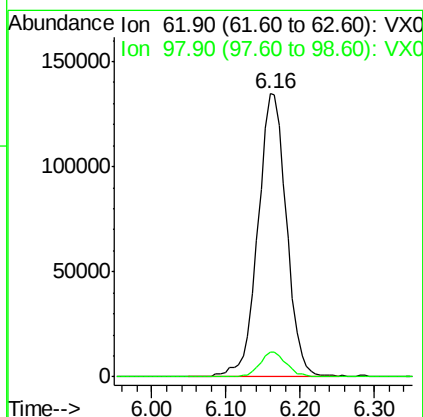
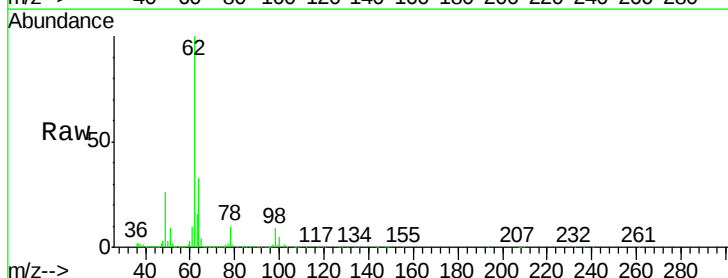
Manual Integrations
APPROVED

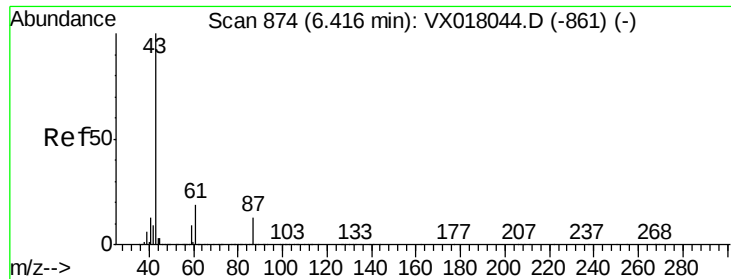
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.845 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.2





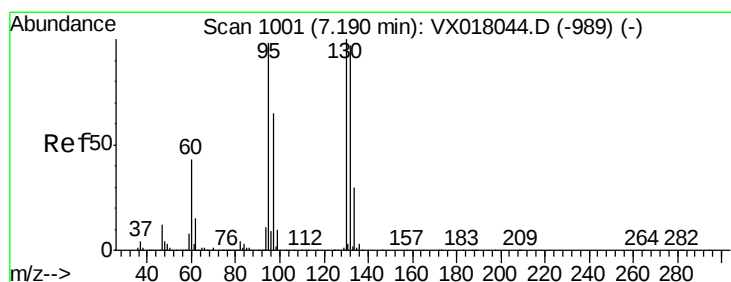
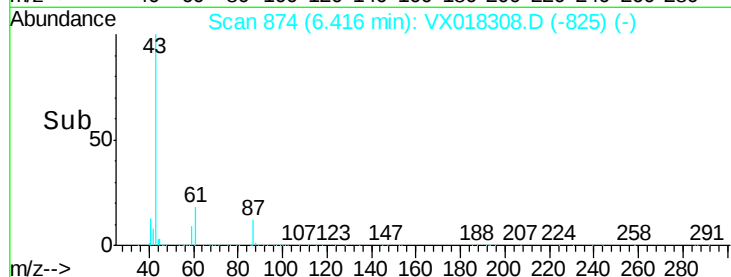
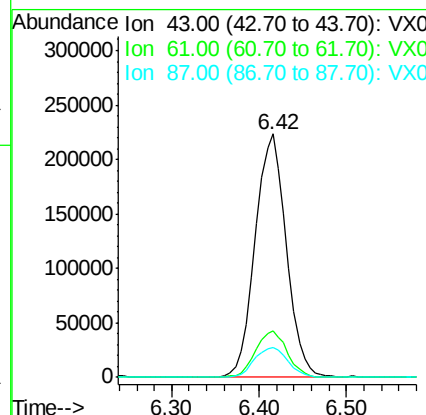
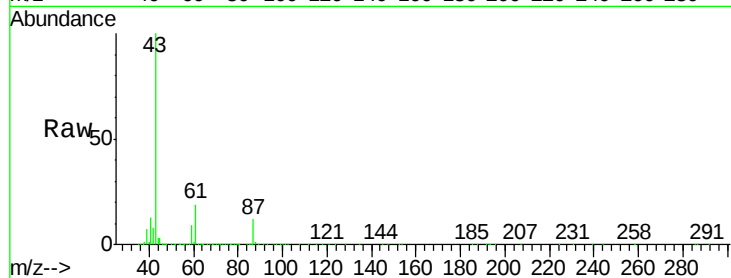
#43
Isopropyl Acetate
Concen: 49.024 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.3	10.3	15.5

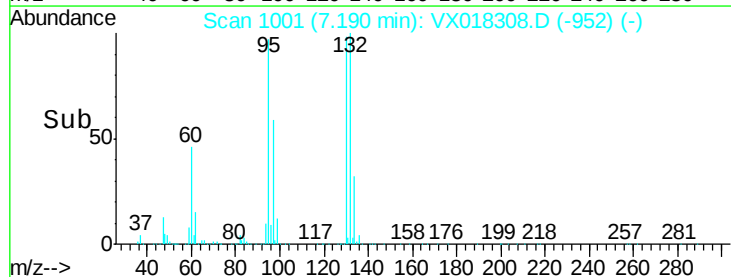
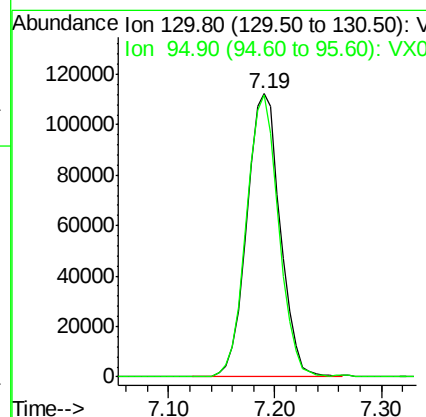
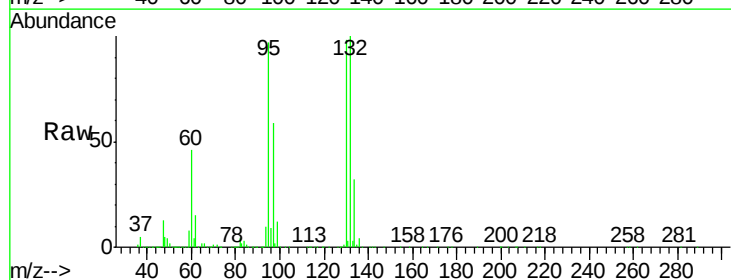
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#44
Trichloroethene
Concen: 49.839 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 49.439 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 233797

Ion Ratio Lower Upper

63 100

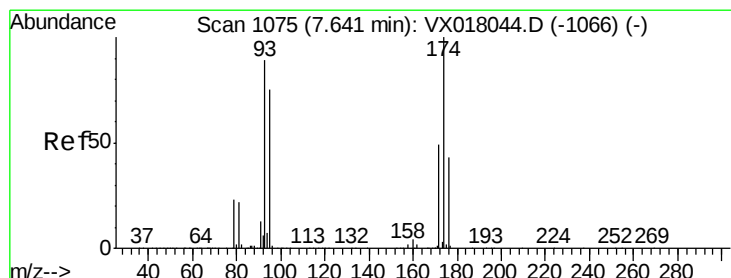
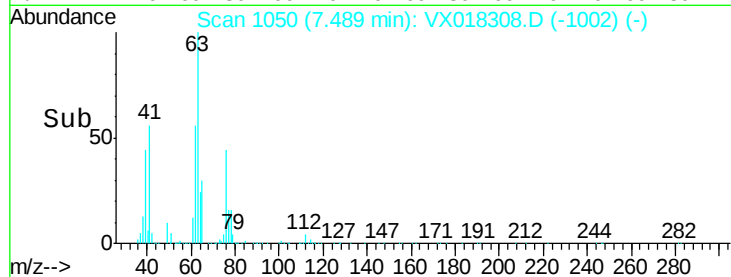
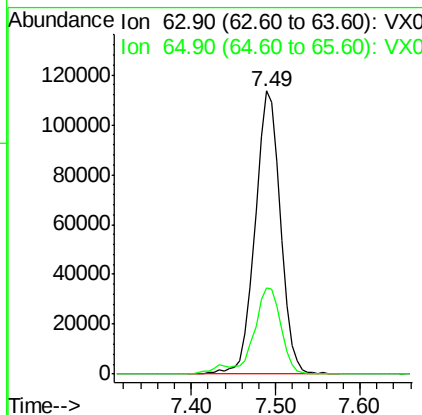
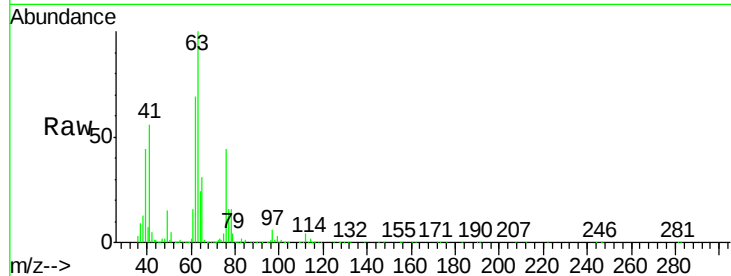
65 30.6 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 50.544 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

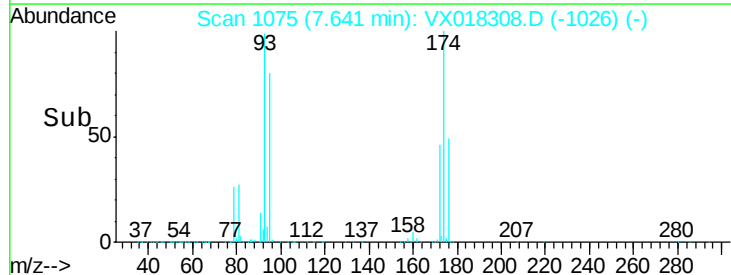
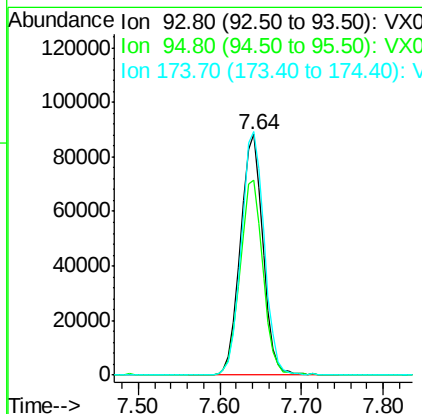
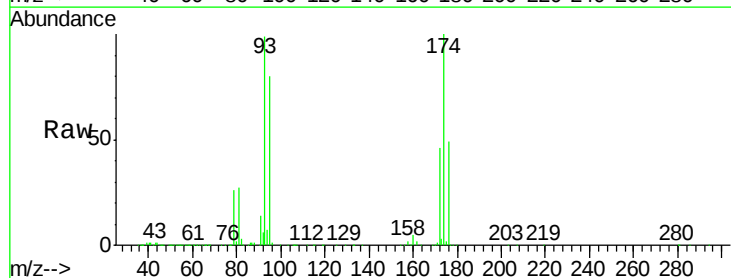
Tgt Ion: 93 Resp: 168084

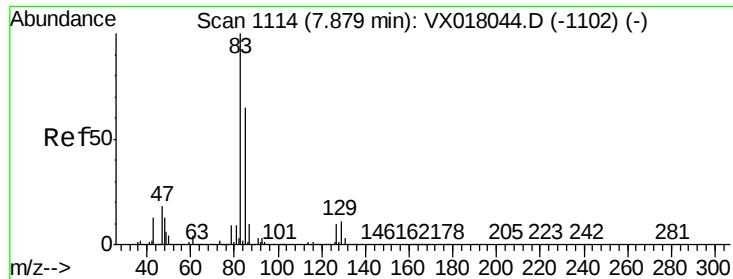
Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 102.9 82.2 123.2





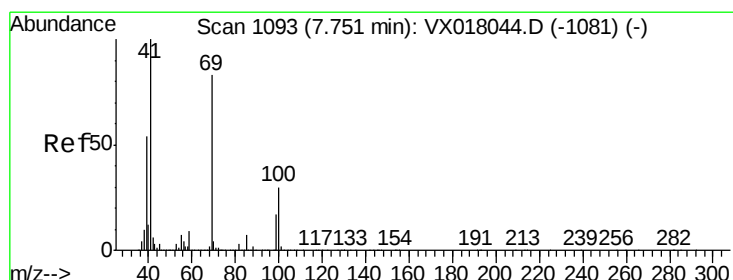
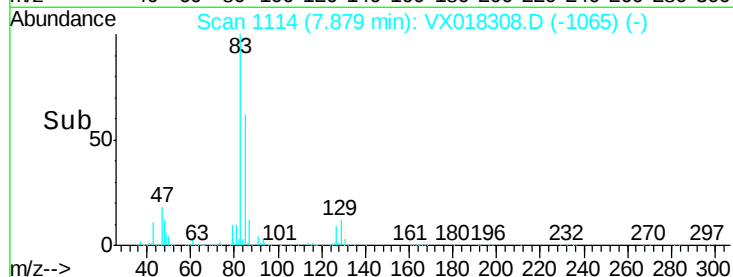
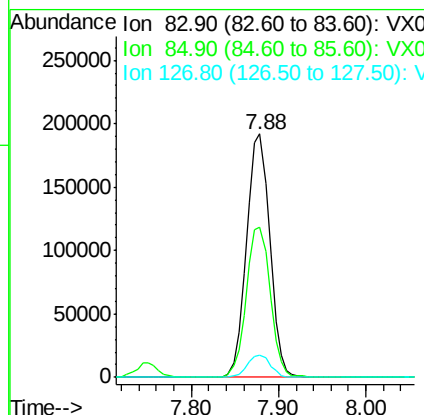
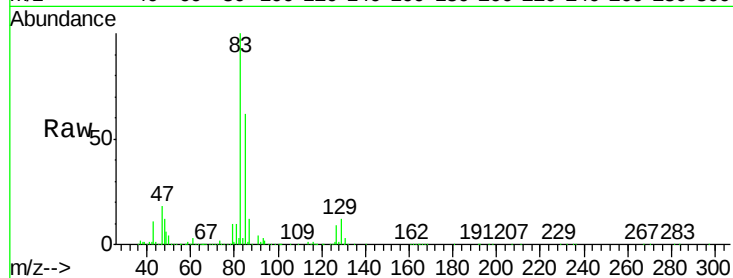
#47
 Bromodichloromethane
 Concen: 53.488 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	355159		
85	61.4	51.8	77.6	
127	9.0	7.7	11.5	

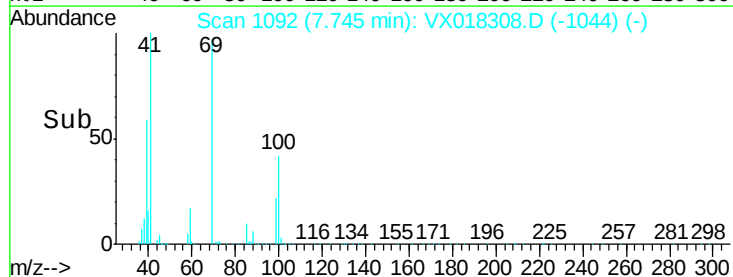
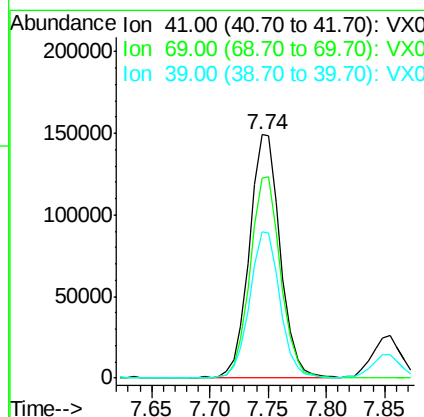
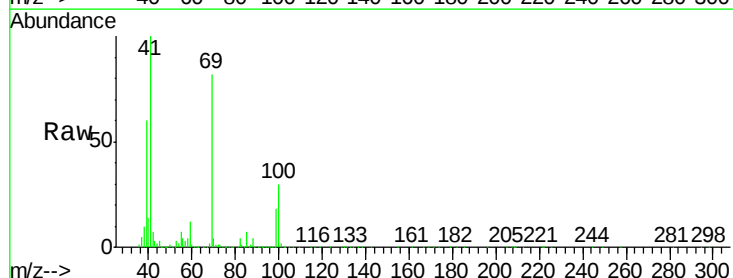
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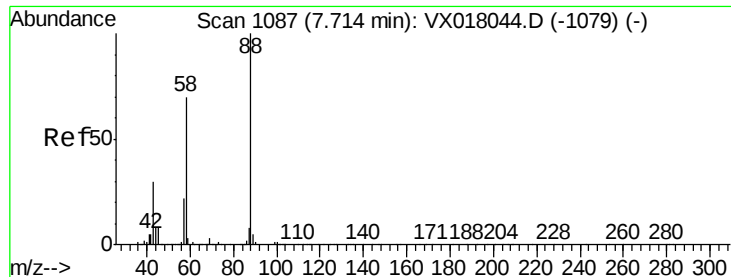
MMDadoda
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#48
 Methyl methacrylate
 Concen: 49.345 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	275165		
69	82.2	65.5	98.3	
39	58.9	44.5	66.7	





#49

1,4-Dioxane

Concen: 873.885 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

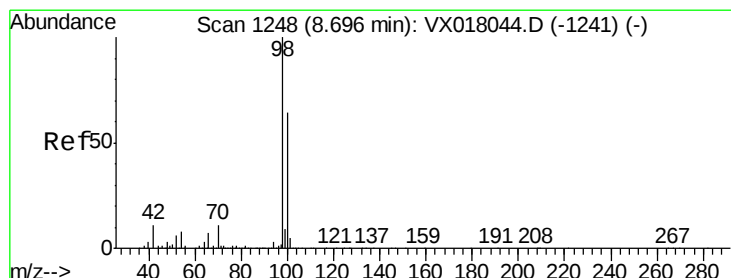
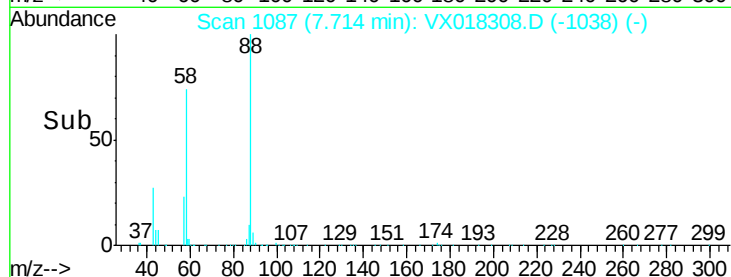
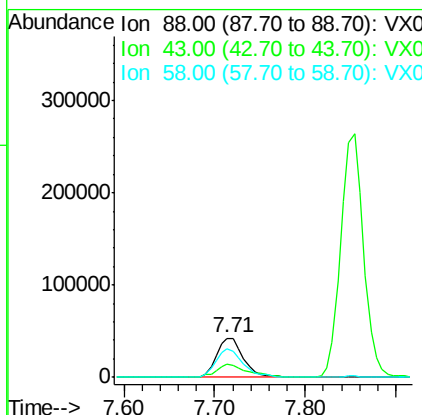
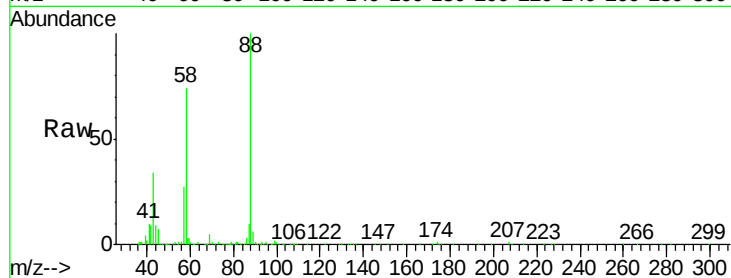
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	88272
Ion	Ratio	Lower	Upper
88	100		
43	37.5	27.4	41.0
58	73.3	56.4	84.6

Manual Integrations
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#50

Toluene-d8

Concen: 50.042 ug/l

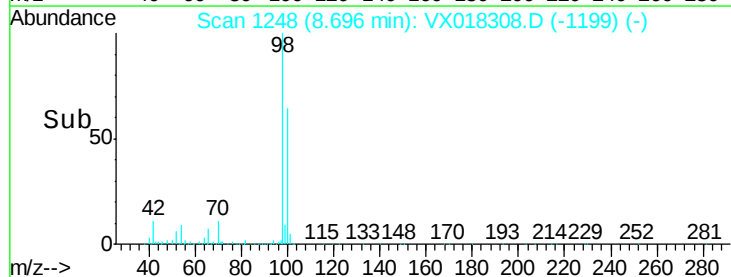
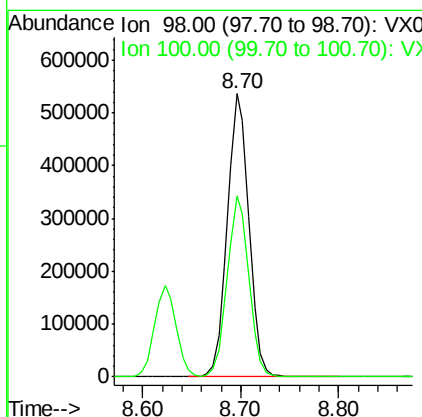
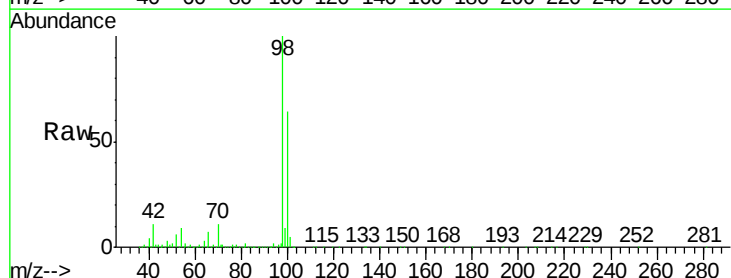
RT: 8.70 min Scan# 1248

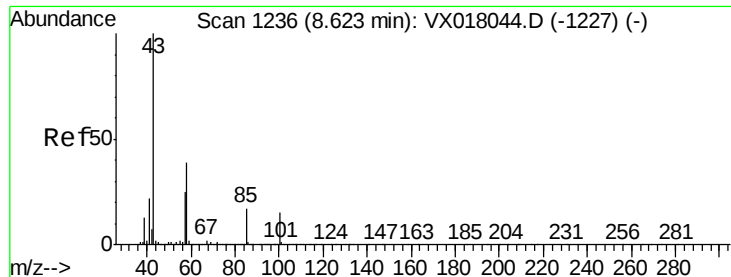
Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion:	98	Resp:	821796
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4





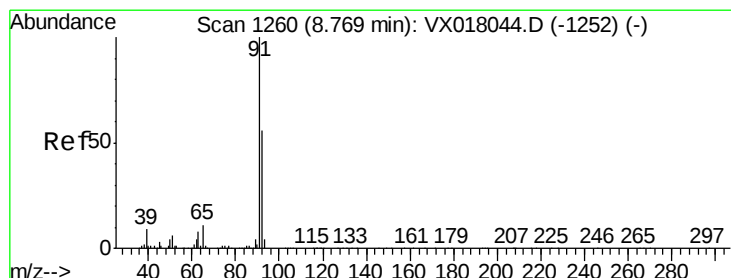
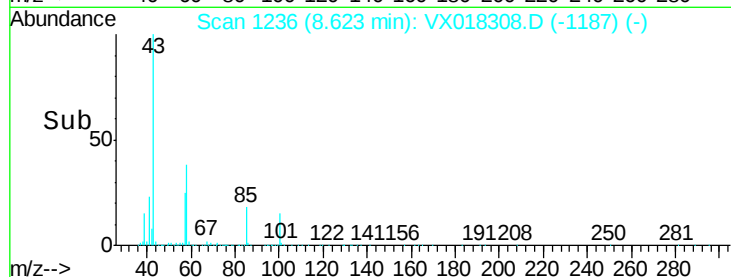
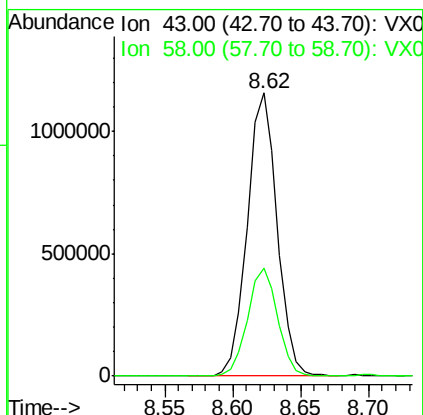
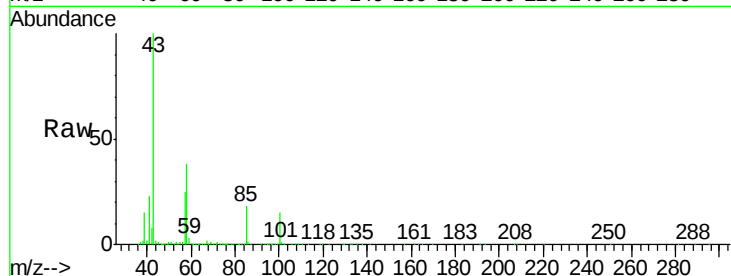
#51
4-Methyl-2-Pentanone
Concen: 257.124 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1779167
Ion Ratio Lower Upper
43 100
58 38.4 30.7 46.1

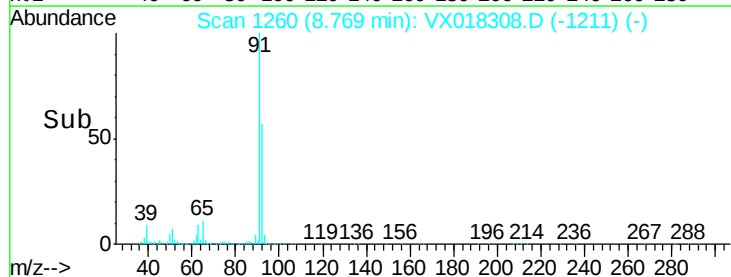
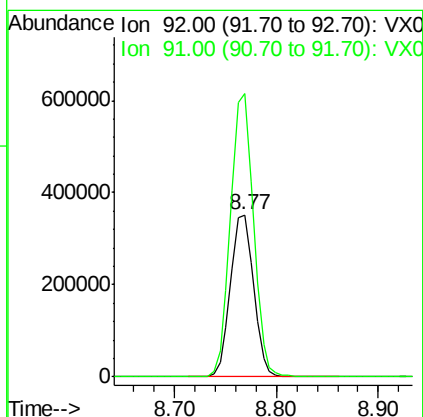
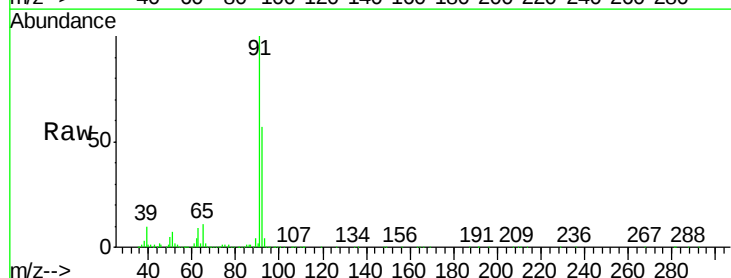
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#52
Toluene
Concen: 49.774 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 92 Resp: 553783
Ion Ratio Lower Upper
92 100
91 172.8 140.3 210.5





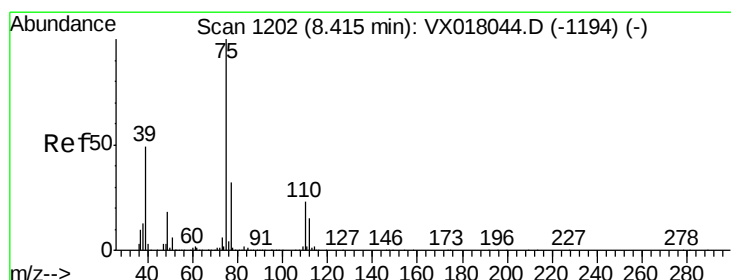
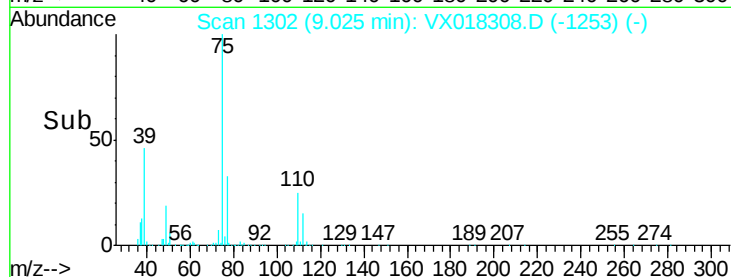
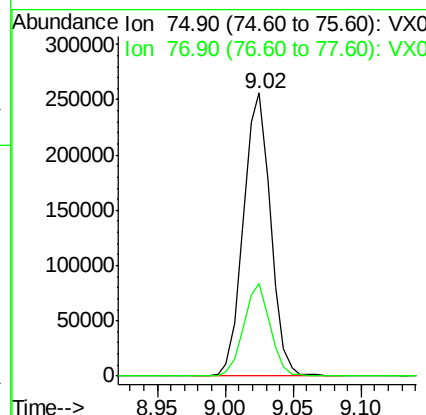
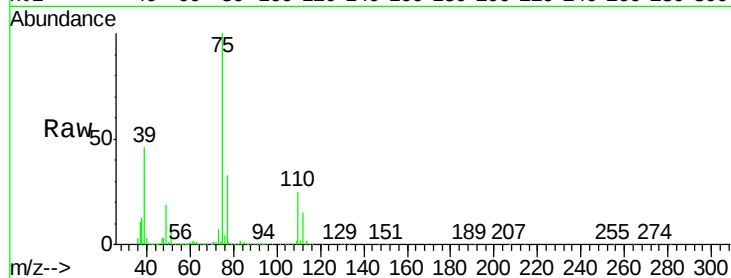
#53
t-1,3-Dichloropropene
Concen: 48.378 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 356020
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8

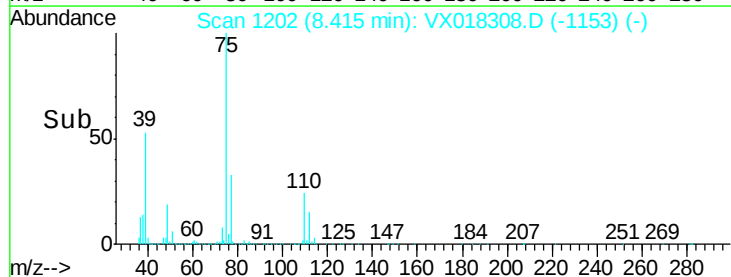
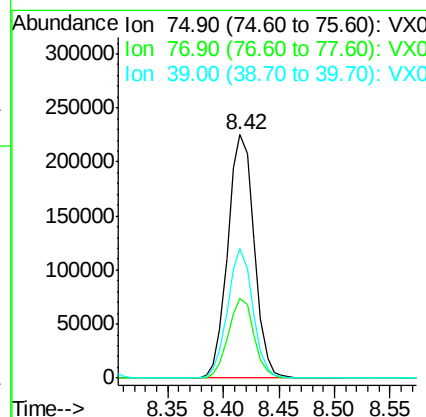
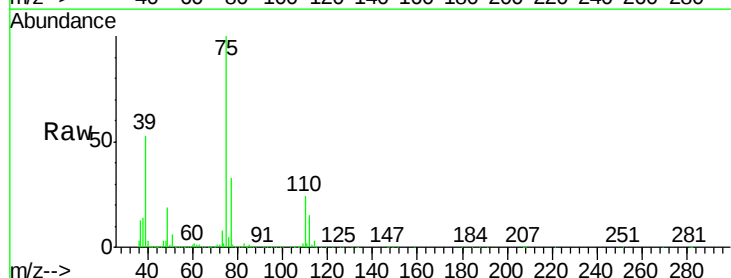
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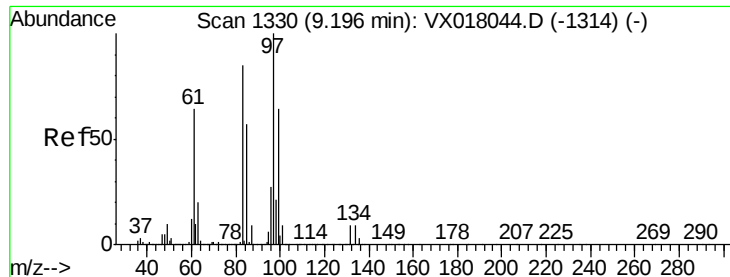
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#54
cis-1,3-Dichloropropene
Concen: 47.247 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 75 Resp: 368321
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
39 53.3 38.8 58.2





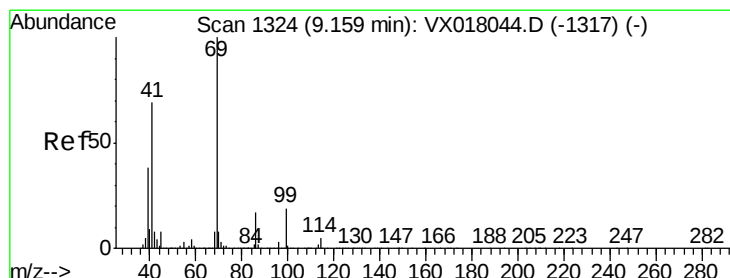
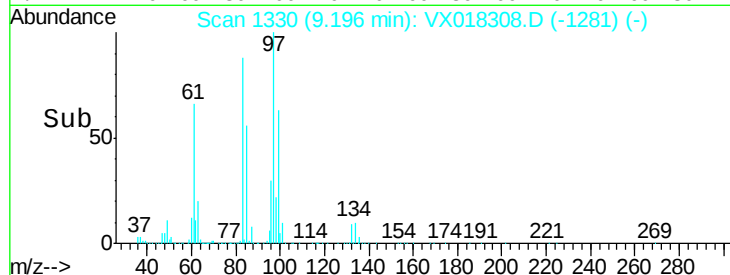
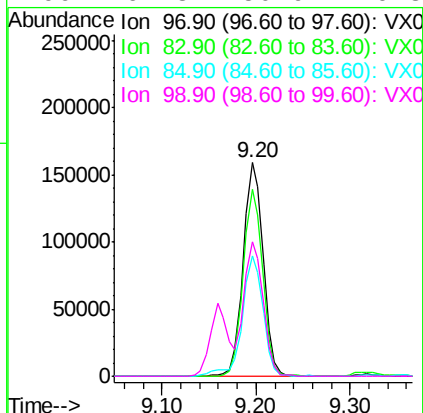
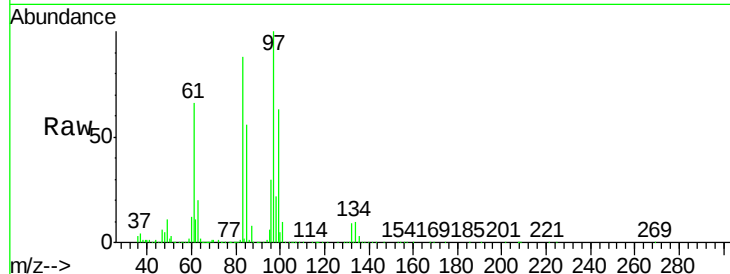
#55
 1,1,2-Trichloroethane
 Concen: 49.731 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.8	101.6
85	56.2	45.3	67.9
99	62.8	50.9	76.3

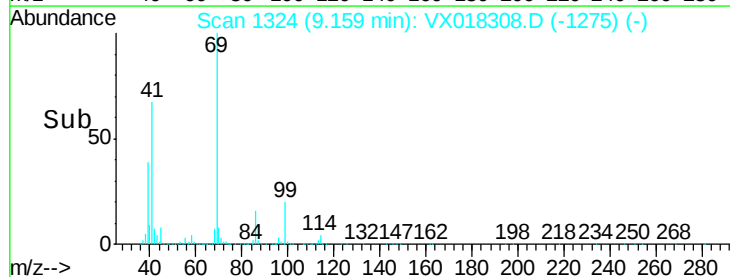
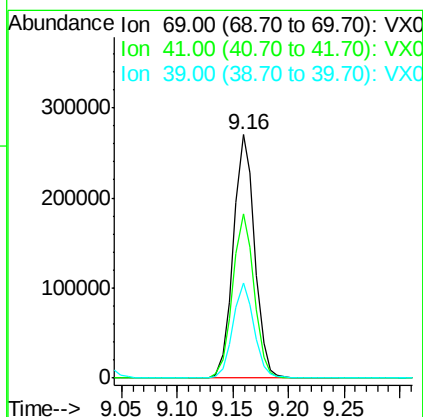
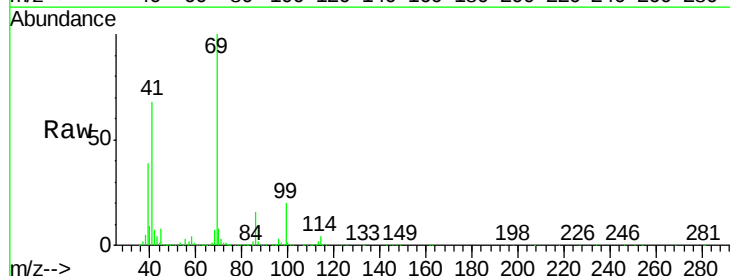
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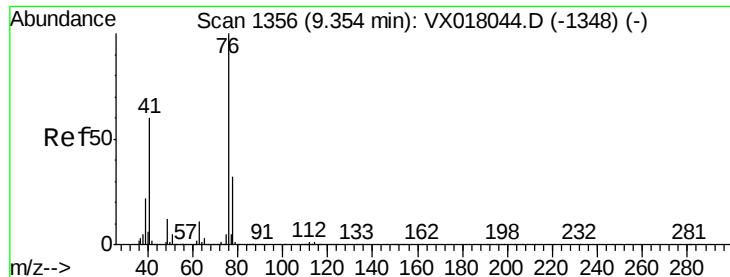
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#56
 Ethyl methacrylate
 Concen: 50.609 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.6	81.8
39	38.7	29.1	43.7





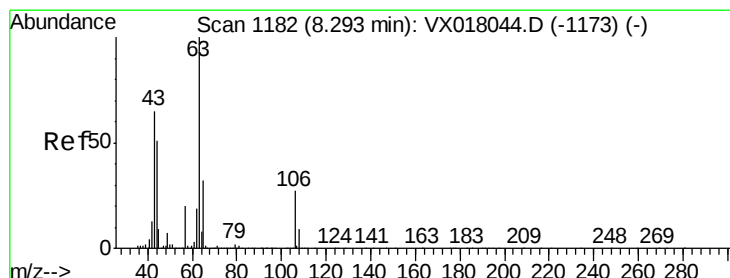
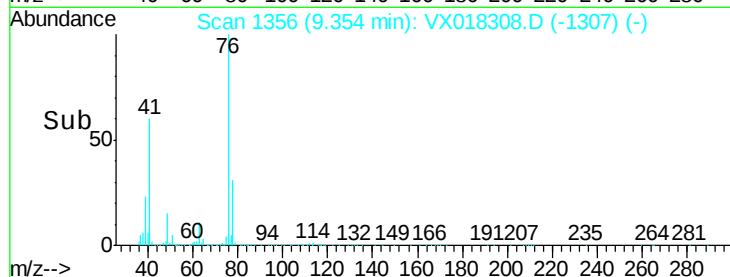
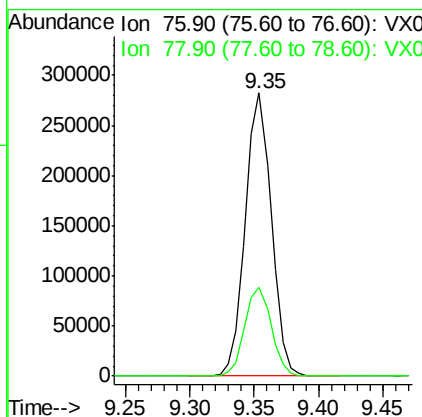
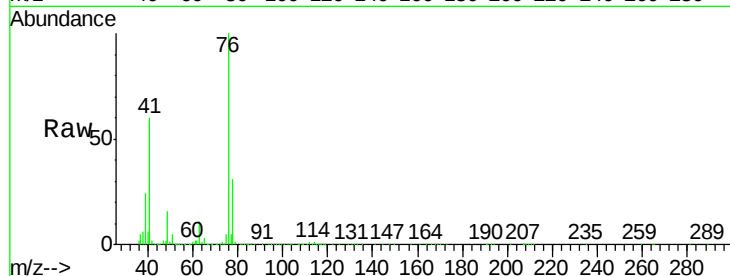
#57
 1,3-Dichloropropane
 Concen: 50.305 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

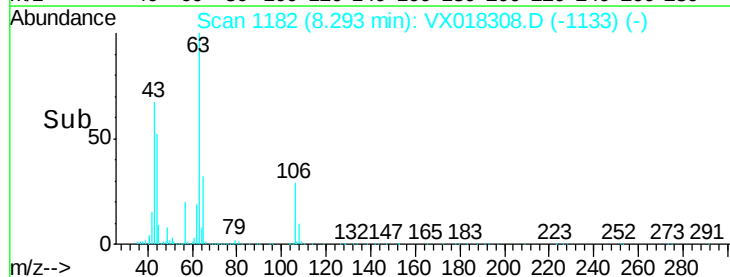
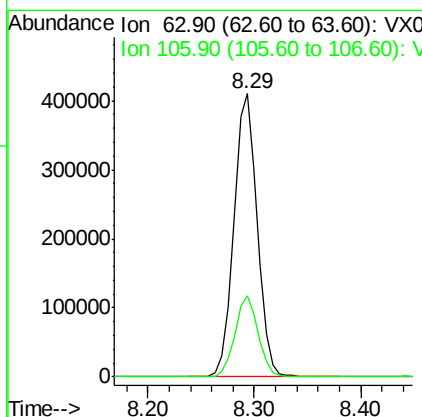
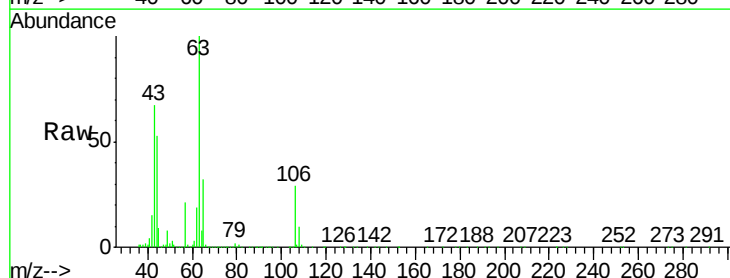
Manual Integrations
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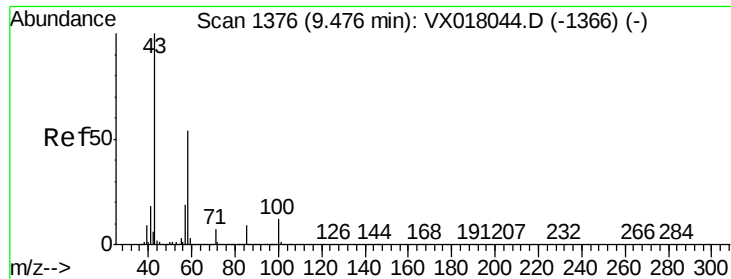
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#58
 2-Chloroethyl Vinyl ether
 Concen: 197.739 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.1	33.1





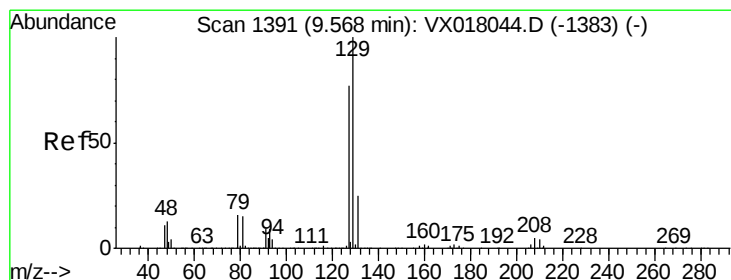
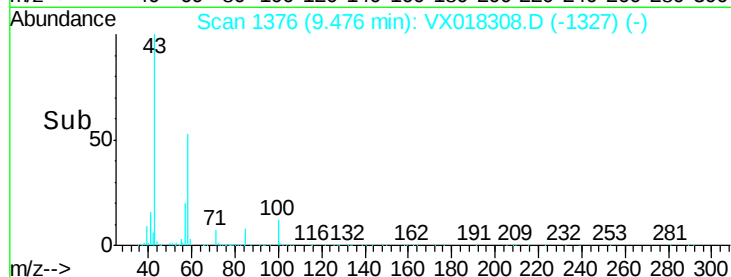
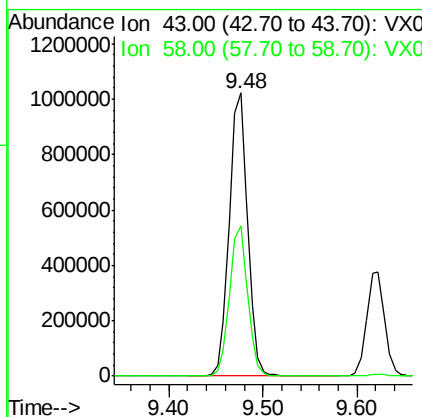
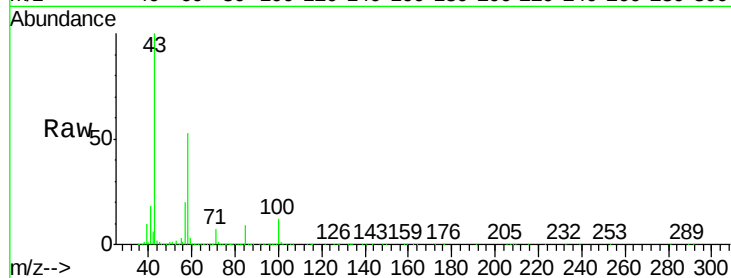
#59
2-Hexanone
Concen: 262.741 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1382402
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.7

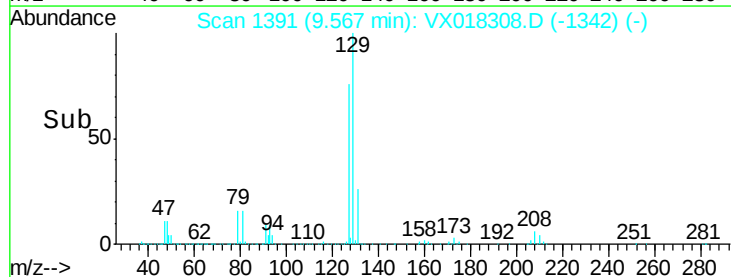
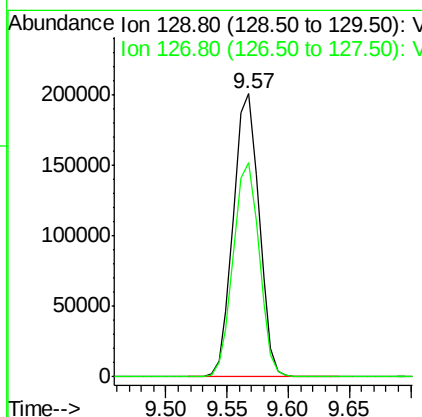
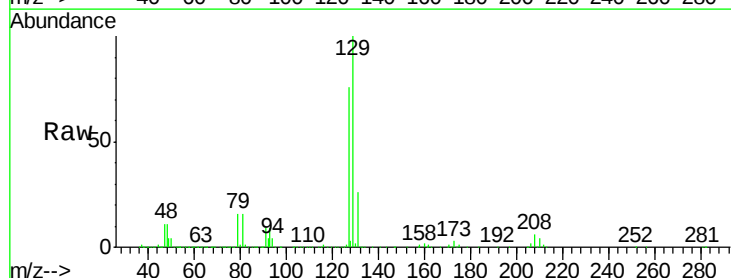
Manual Integrations
APPROVED

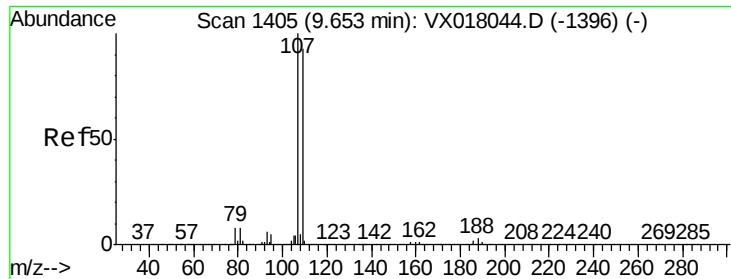
MMDadoda
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#60
Dibromochloromethane
Concen: 52.780 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 129 Resp: 293800
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6





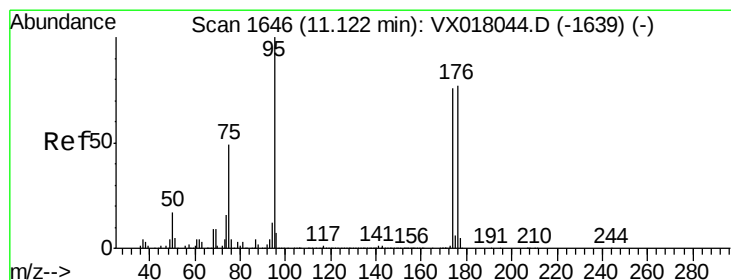
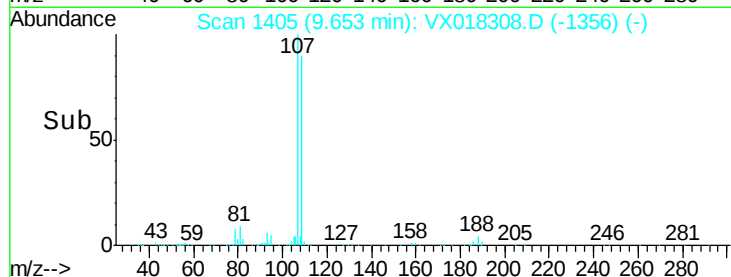
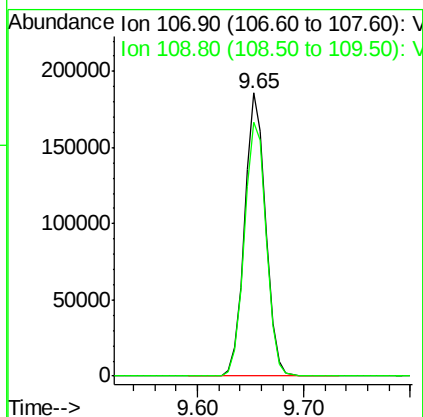
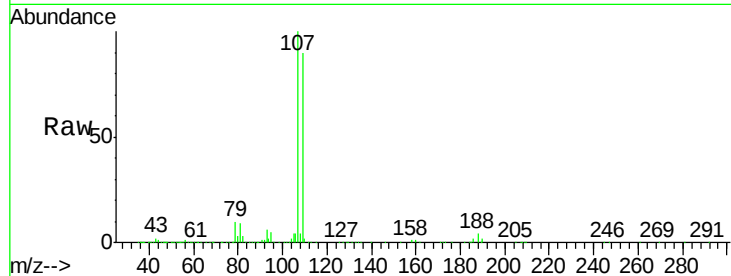
#61
 1,2-Dibromoethane
 Concen: 50.089 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.9	113.9

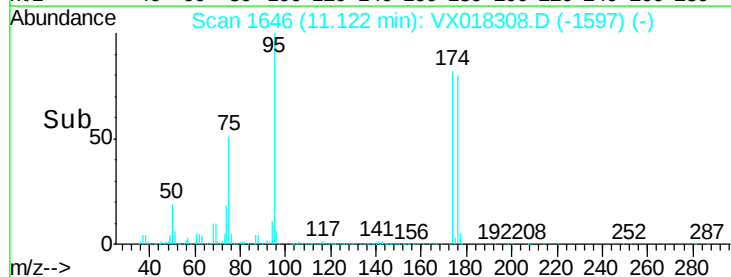
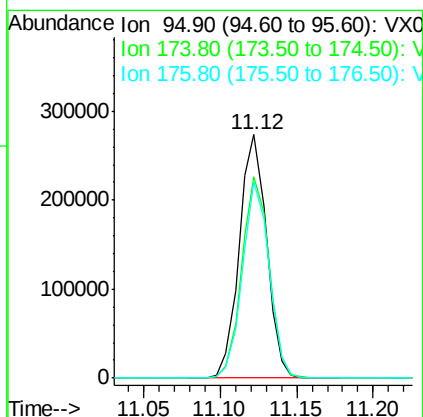
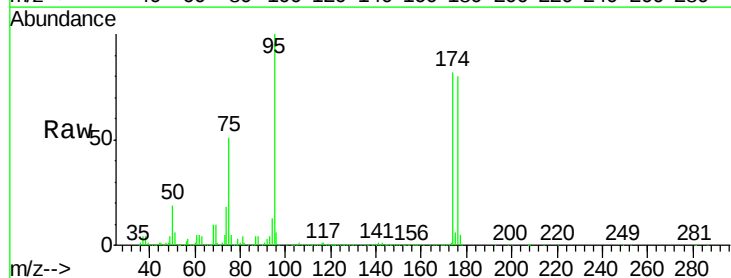
Manual Integrations
 APPROVED

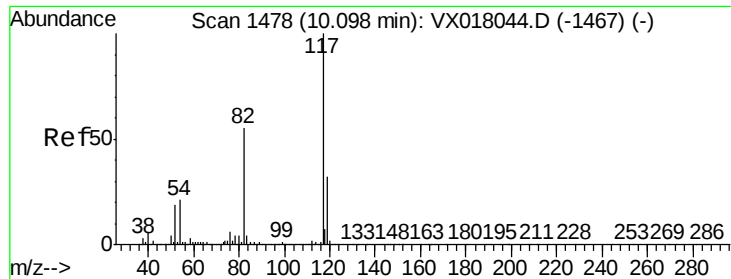
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 9/9/2020 8:47:55 PM



#62
 4-Bromofluorobenzene
 Concen: 52.302 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	160.2
176	79.1	0.0	155.8





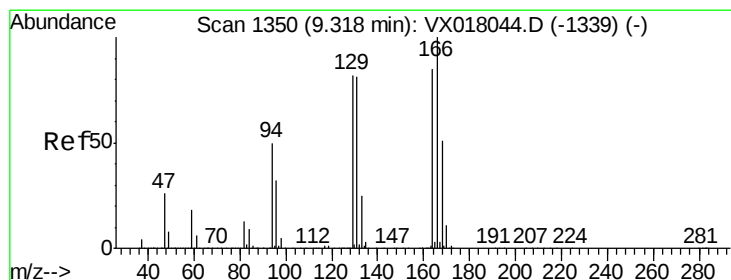
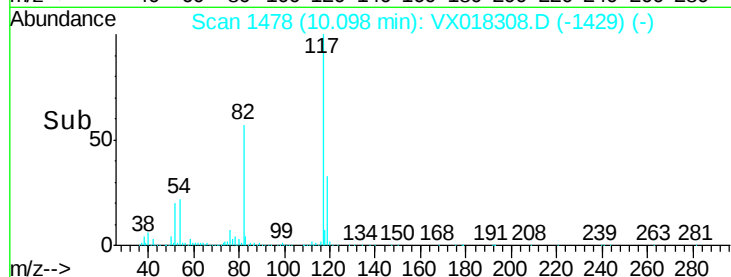
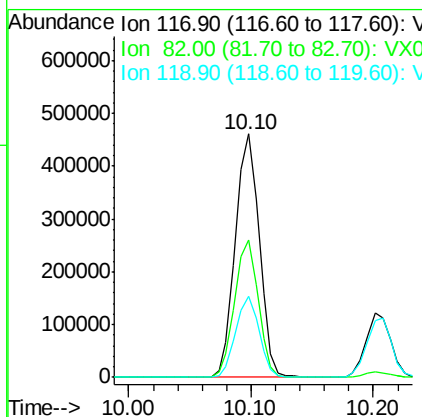
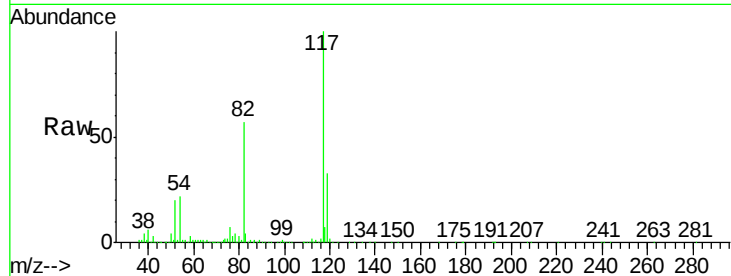
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	623884		
82	56.6	44.2	66.2	
119	33.4	25.7	38.5	

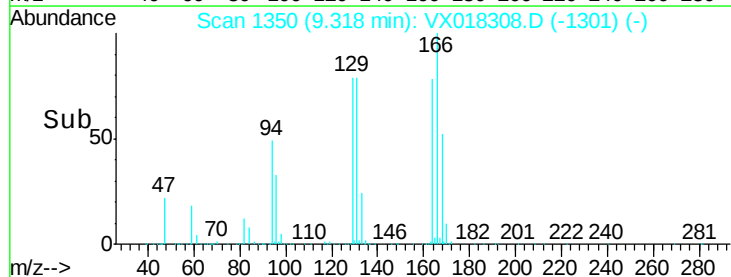
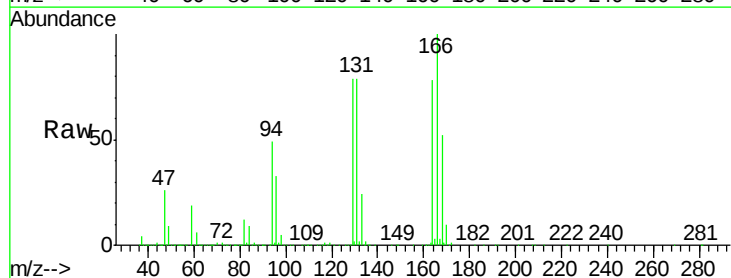
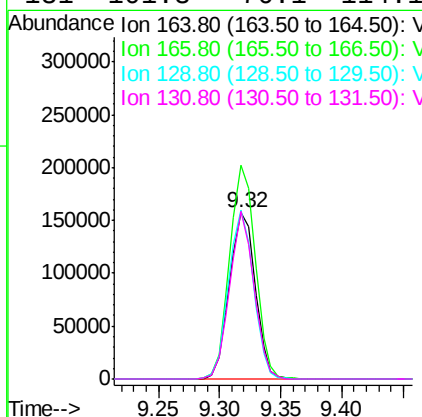
Manual Integrations
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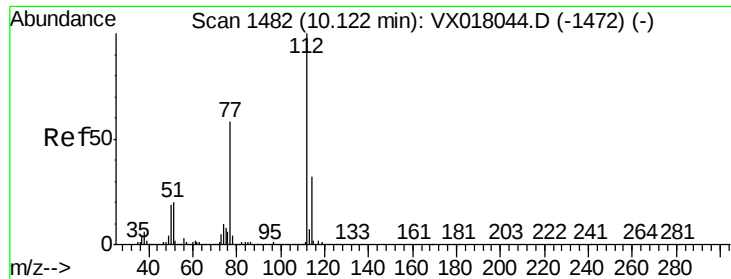
MMDadoda
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#64
Tetrachloroethene
Concen: 50.257 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230412		
166	128.8	94.2	141.2	
129	102.0	76.9	115.3	
131	101.3	76.1	114.1	





#65

Chlorobenzene

Concen: 50.087 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 624097

Ion Ratio Lower Upper

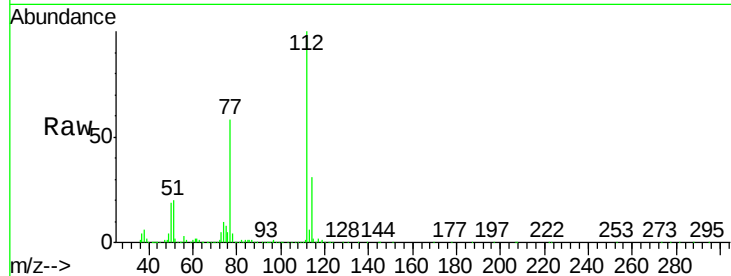
112 100

114 30.5 25.7 38.5

Manual Integrations
APPROVED

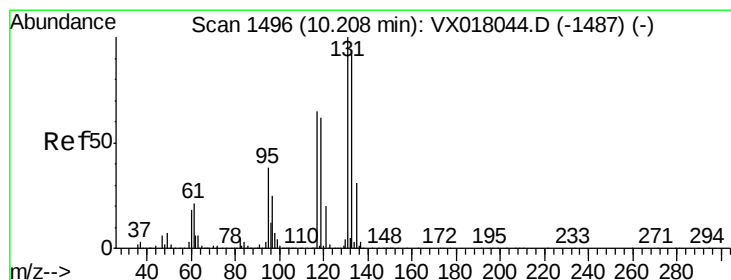
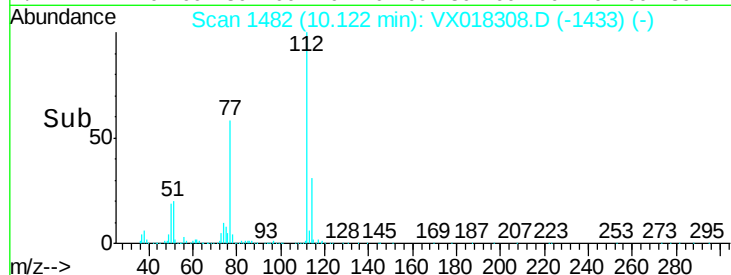
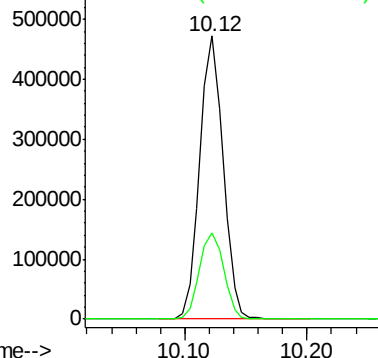
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.244 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

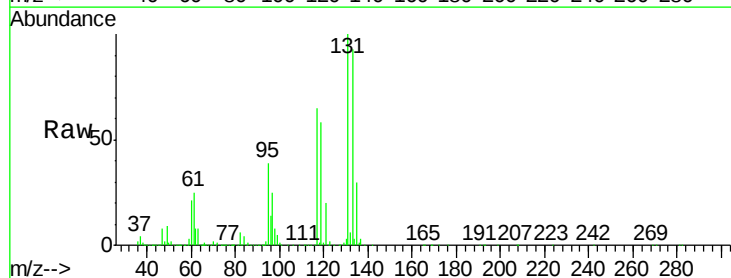
Tgt Ion:131 Resp: 261486

Ion Ratio Lower Upper

131 100

133 93.6 46.7 140.1

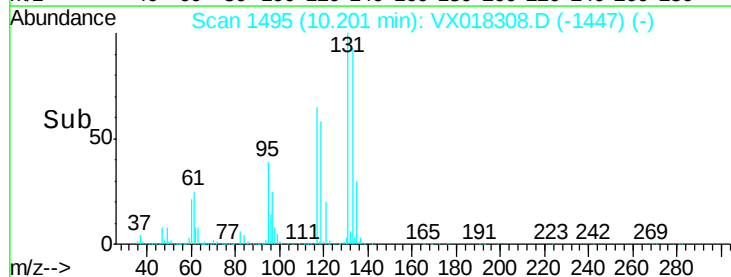
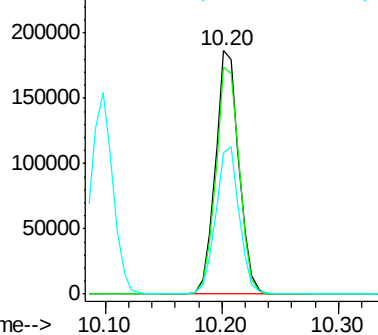
119 60.8 31.8 95.4

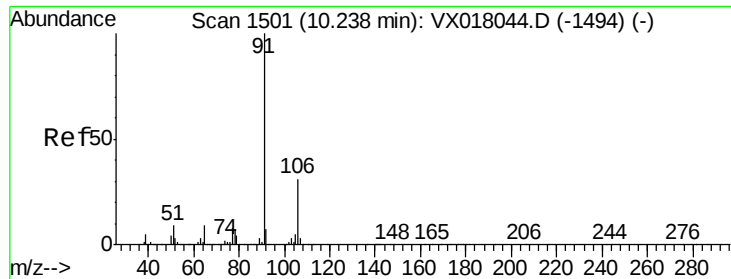


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





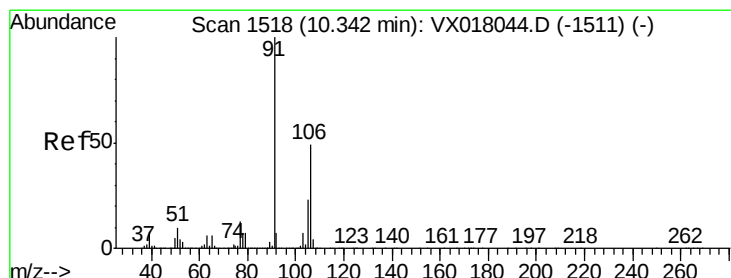
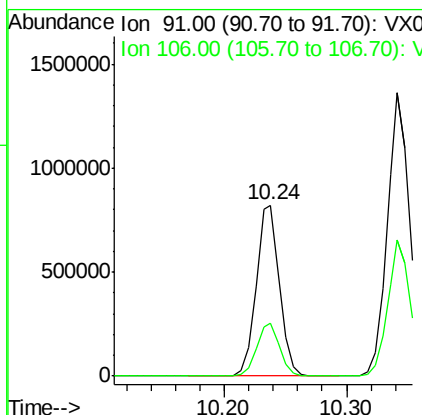
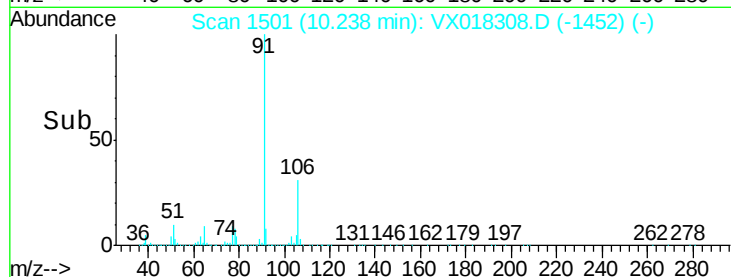
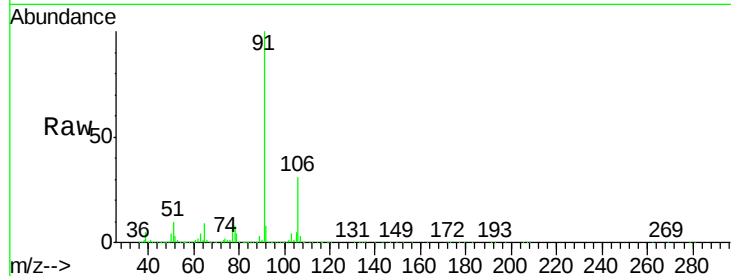
#67
Ethyl Benzene
Concen: 51.384 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1088834
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

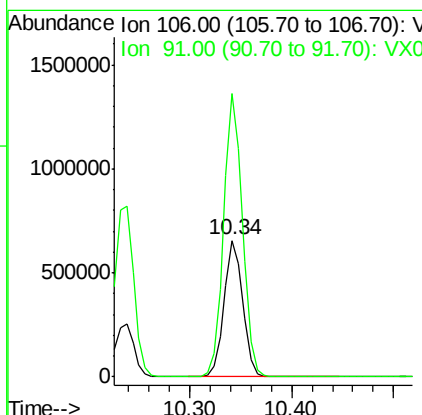
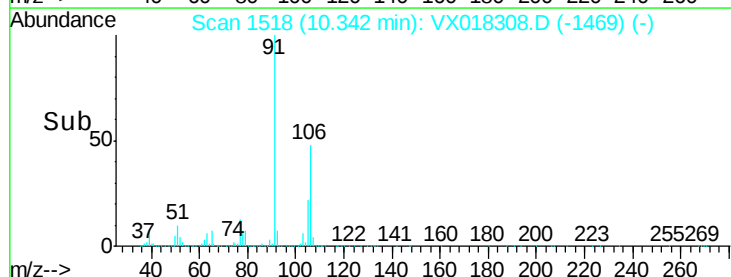
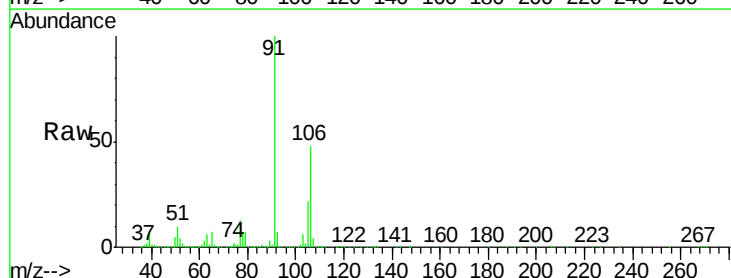
Manual Integrations
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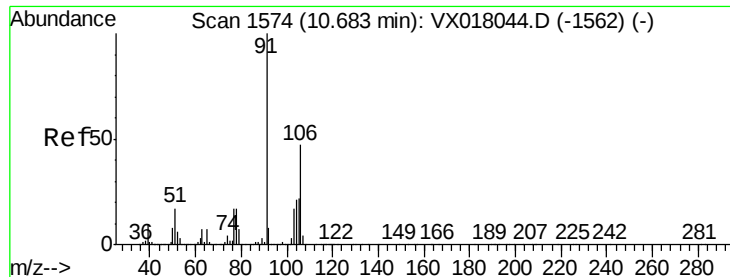
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#68
m/p-Xylenes
Concen: 105.813 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion: 106 Resp: 836882
Ion Ratio Lower Upper
106 100
91 208.3 162.2 243.2





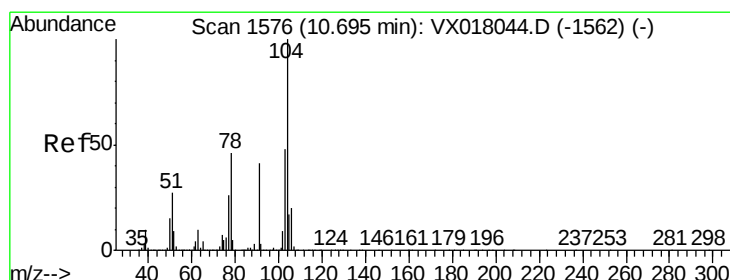
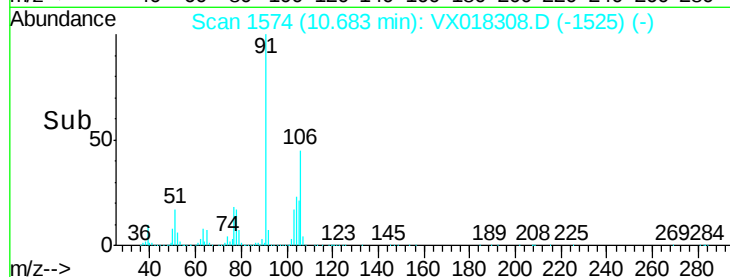
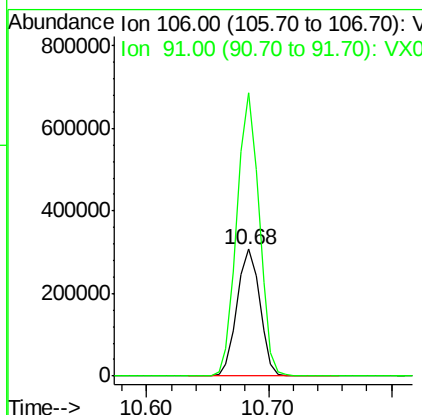
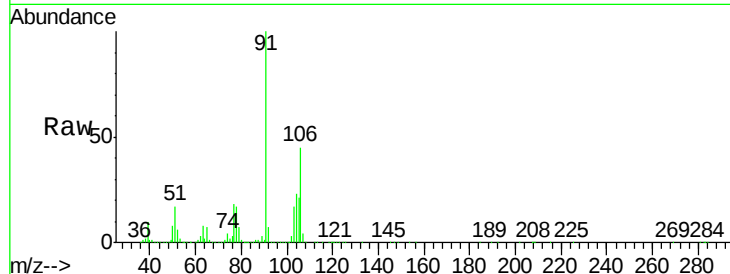
#69
o-Xylene
Concen: 52.165 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	399947		
91	216.1	107.1	321.3	

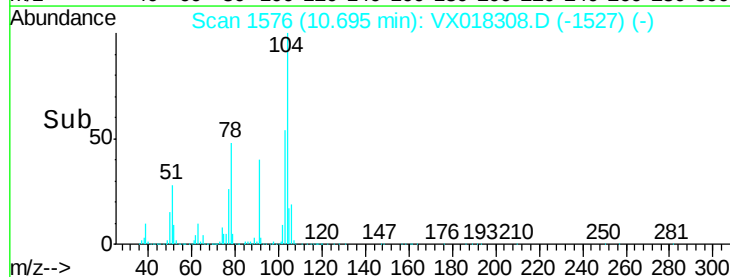
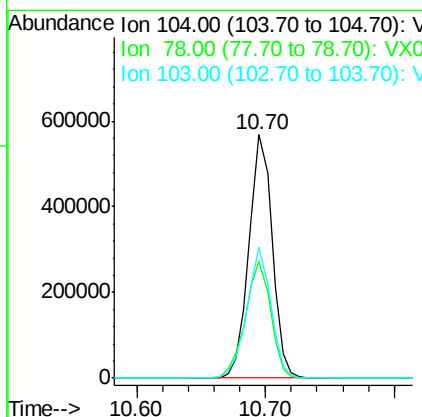
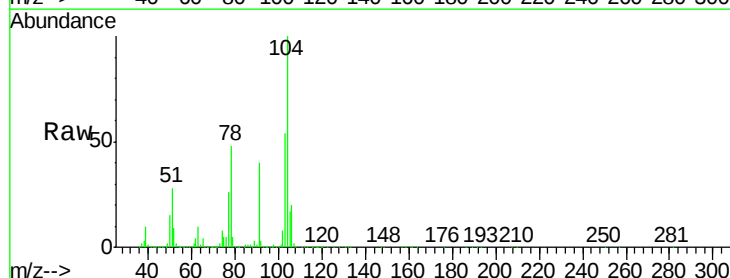
Manual Integrations
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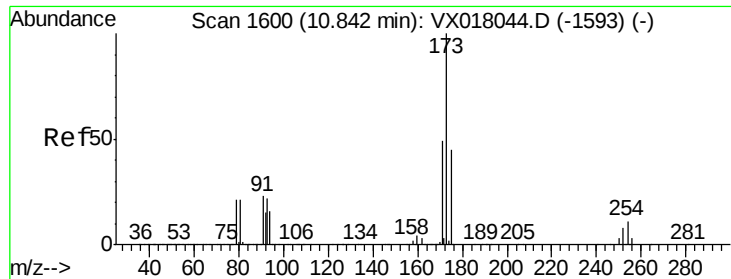
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#70
Styrene
Concen: 54.100 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	706370		
78	52.4	40.9	61.3	
103	55.4	43.6	65.4	





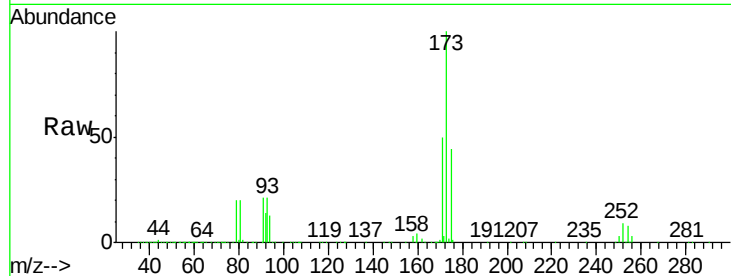
#71
Bromoform
Concen: 55.050 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

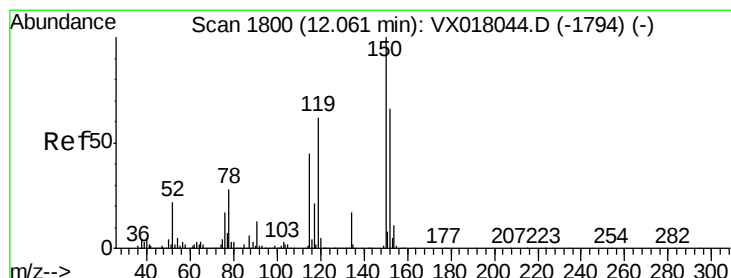
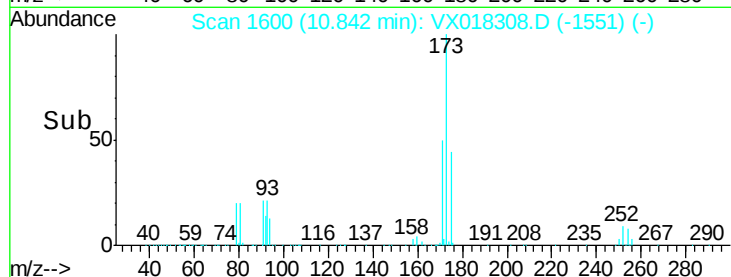
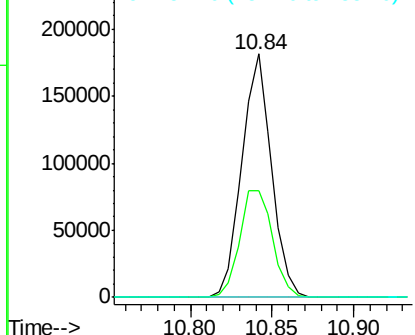
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	230599		
175	48.5	23.9	71.8	
254	0.1	0.2	0.2#	

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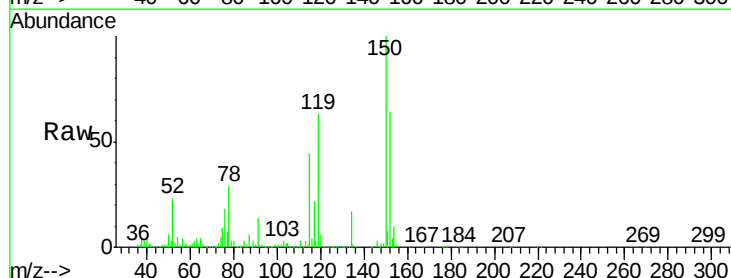


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

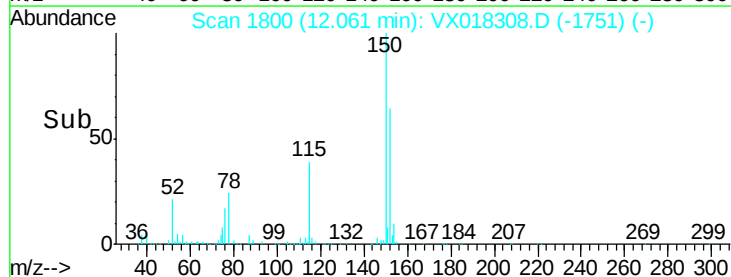
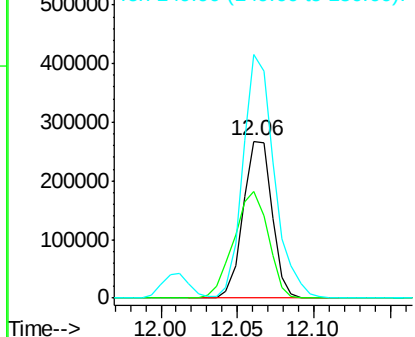


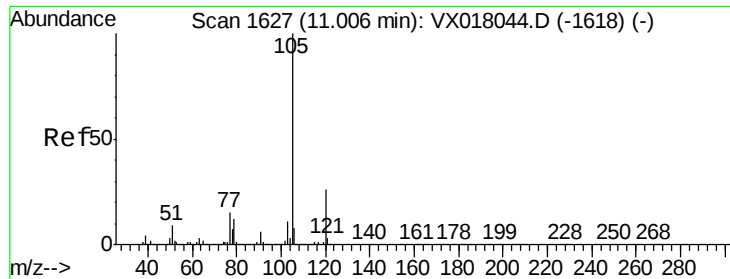
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	348643		
115	81.3	41.5	124.5	
150	168.6	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: 47.516 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1092711

Ion Ratio Lower Upper

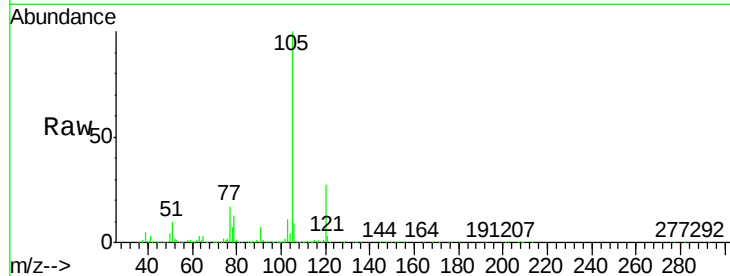
105 100

120 26.9 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

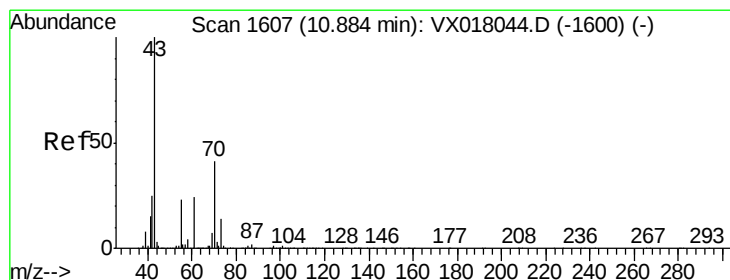
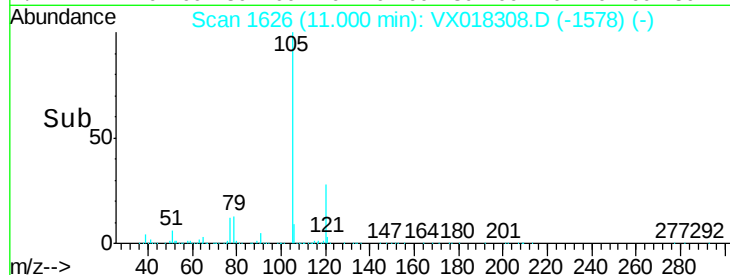
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 45.971 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion: 43 Resp: 501601

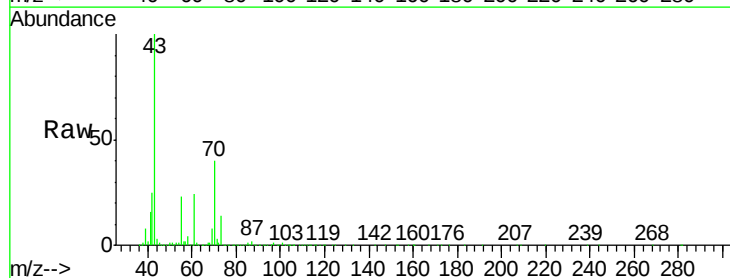
Ion Ratio Lower Upper

43 100

70 40.5 32.3 48.5

55 23.5 18.2 27.2

61 23.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

500000

400000

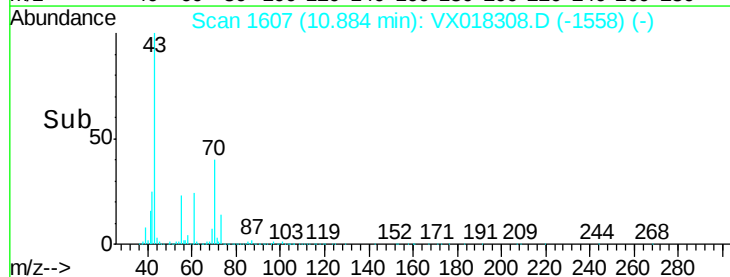
300000

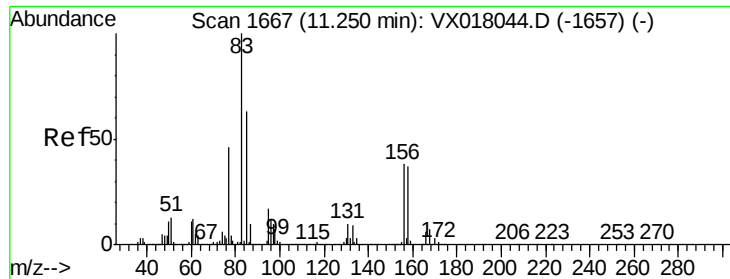
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 44.831 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

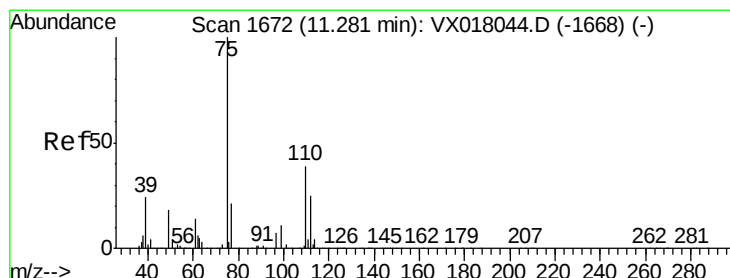
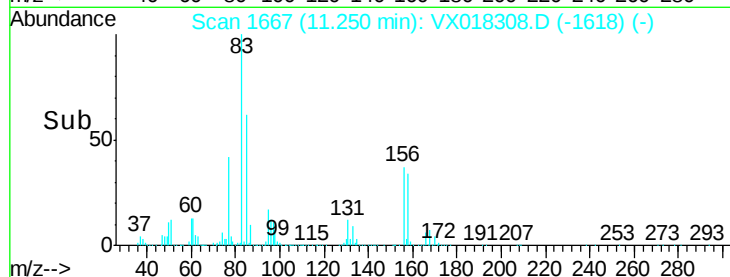
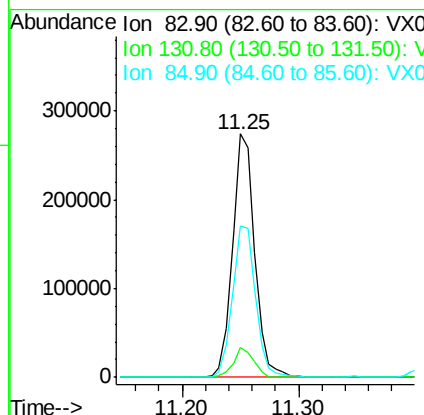
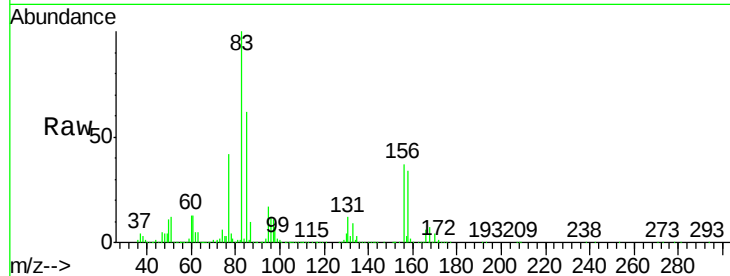
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	363691
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.4
85	65.0	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.506 ug/l m

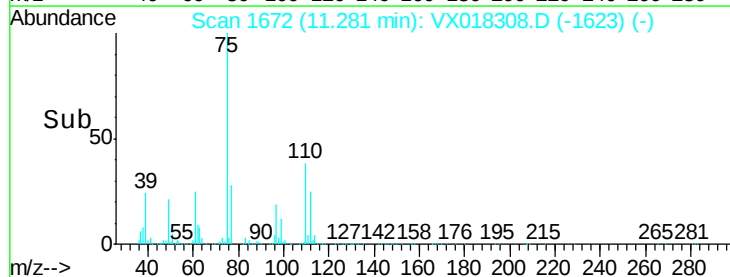
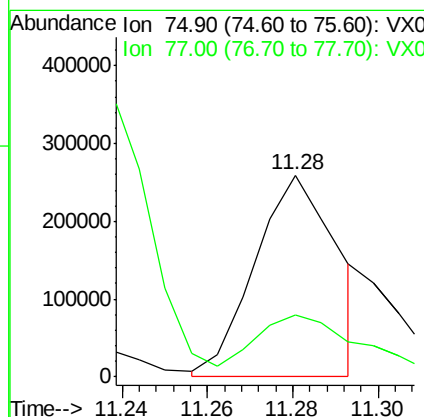
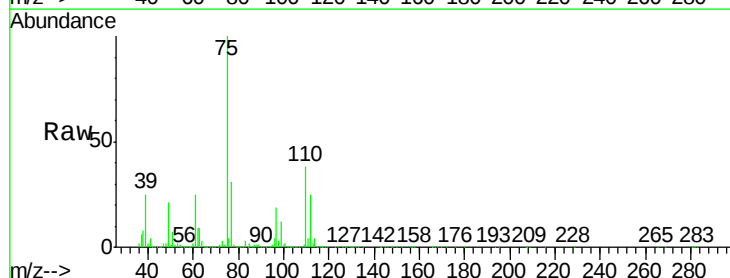
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion:	75	Resp:	345174
Ion Ratio	Lower	Upper	
75	100		
77	39.9	20.8	62.2





#77

Bromobenzene

Concen: 46.003 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

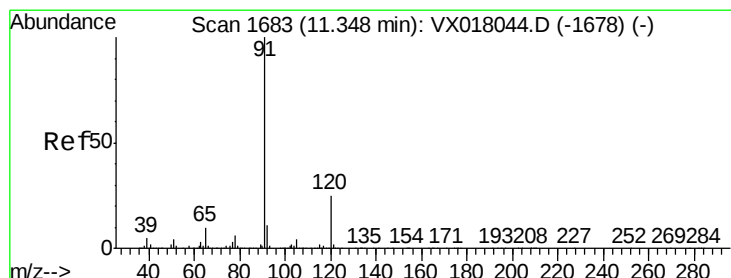
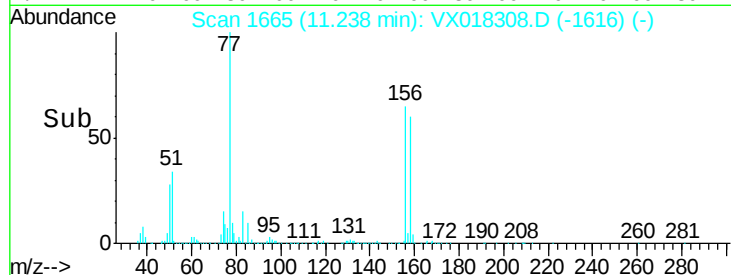
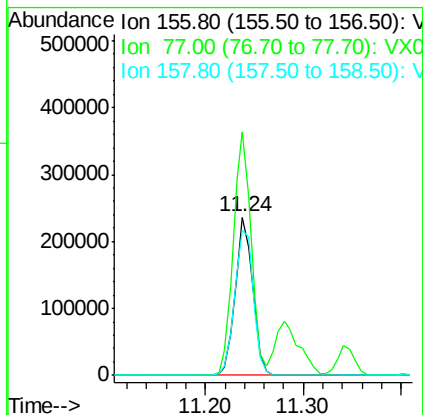
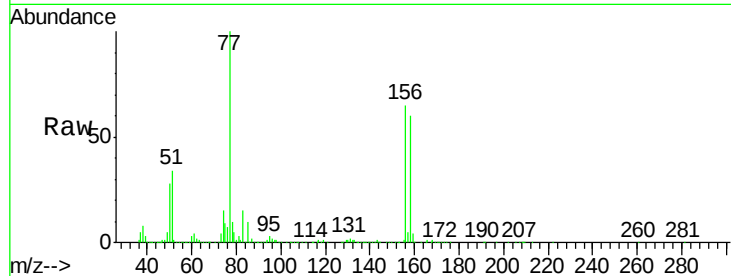
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	292432
Ion Ratio	Lower	Upper	
156	100		
77	157.4	80.0	240.2
158	98.3	49.5	148.7

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#78

n-propylbenzene

Concen: 48.652 ug/l

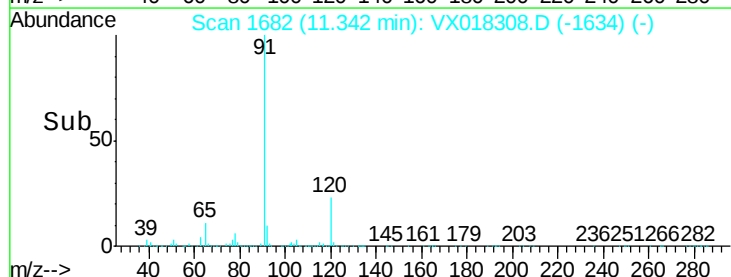
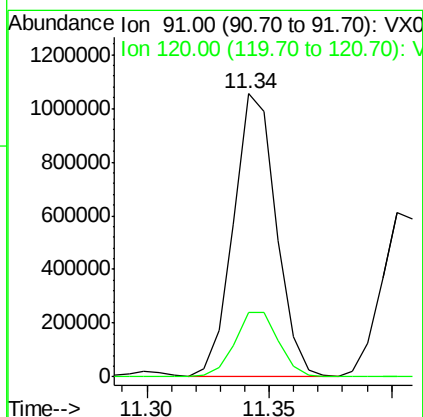
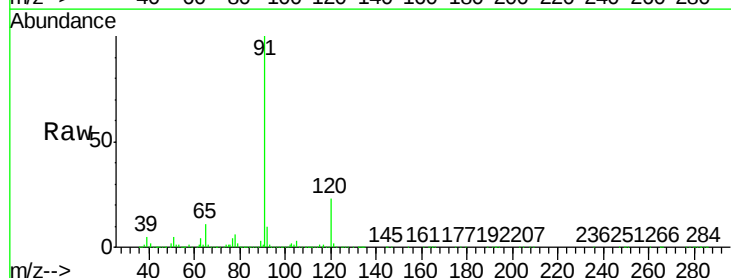
RT: 11.34 min Scan# 1682

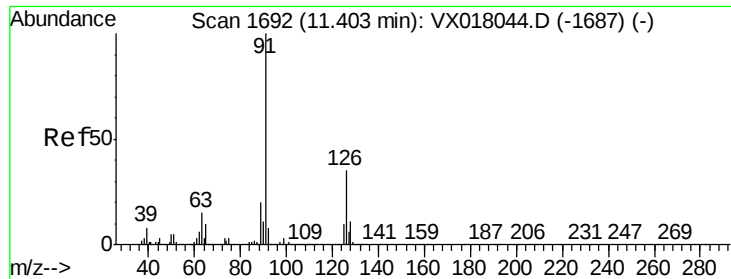
Delta R.T. -0.01 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Tgt Ion:	91	Resp:	1270407
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 47.837 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018308.D

Acq: 09 Sep 2020 04:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 771729

Ion Ratio Lower Upper

91 100

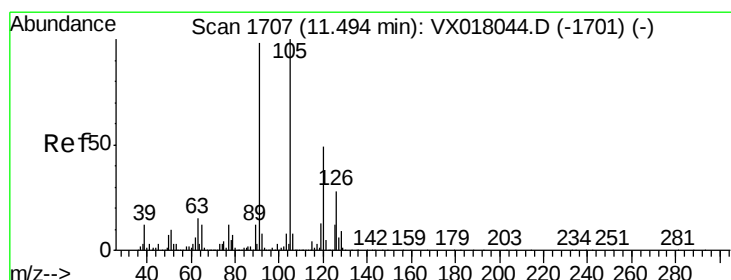
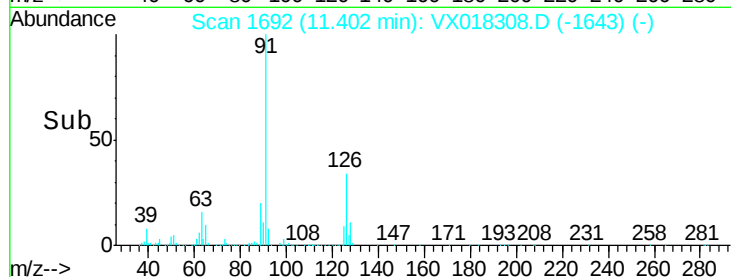
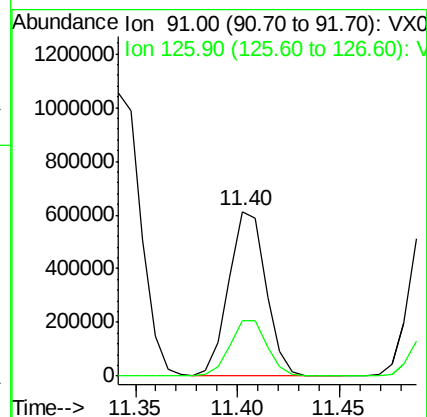
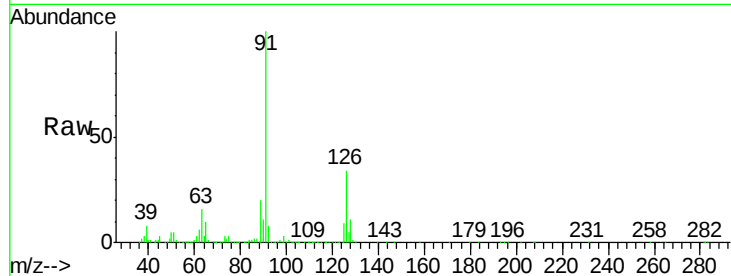
126 34.2 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 50.654 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018308.D

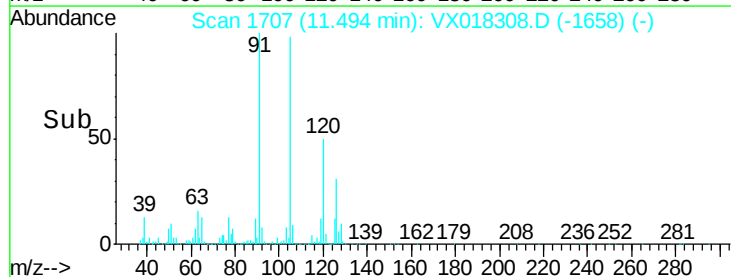
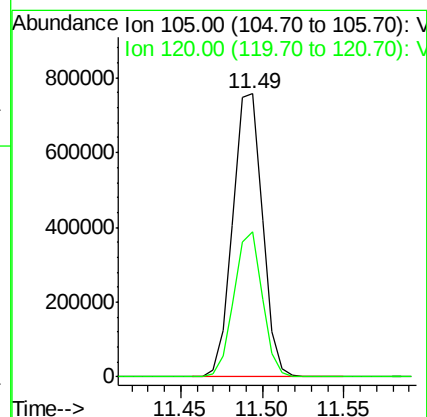
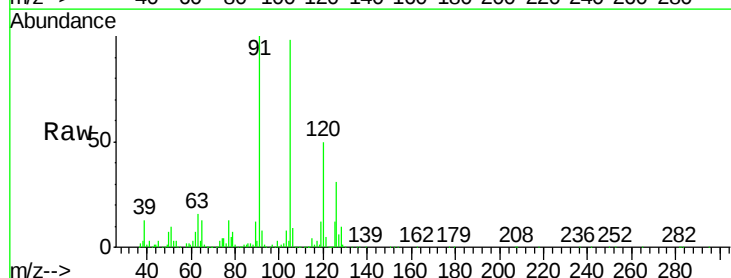
Acq: 09 Sep 2020 04:55

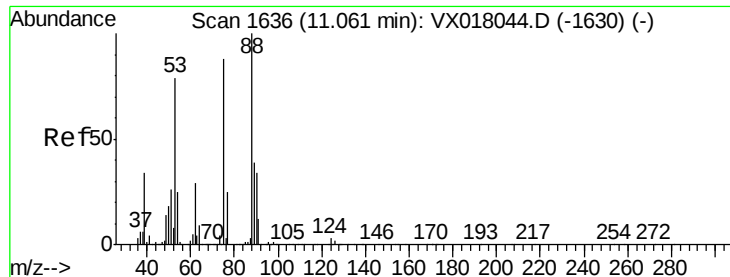
Tgt Ion: 105 Resp: 957249

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





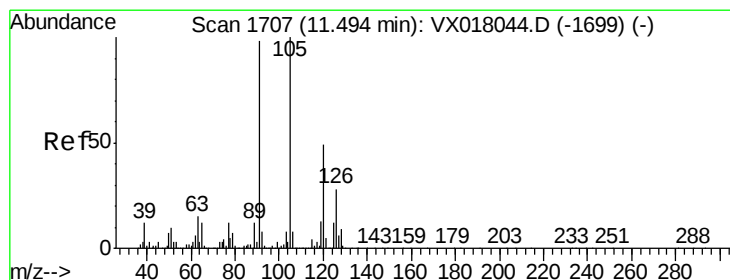
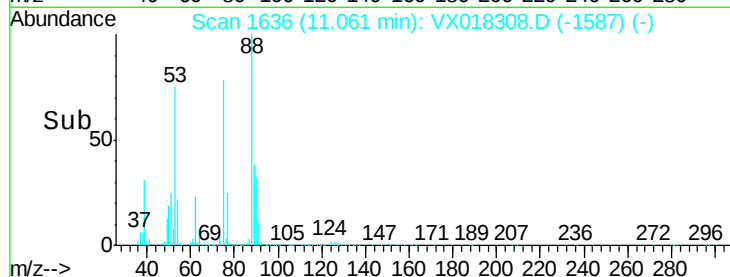
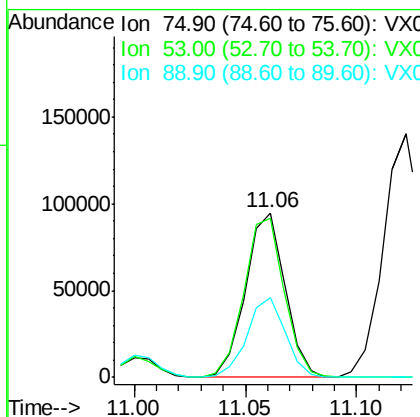
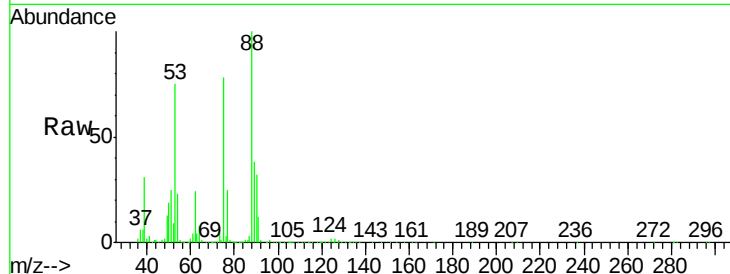
#81
trans-1,4-Dichloro-2-butene
Concen: 40.390 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.8	74.7	112.1
89	47.8	36.6	54.8

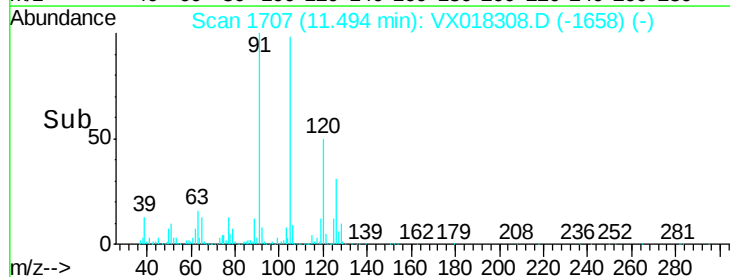
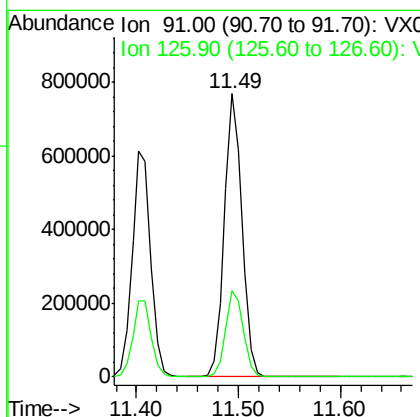
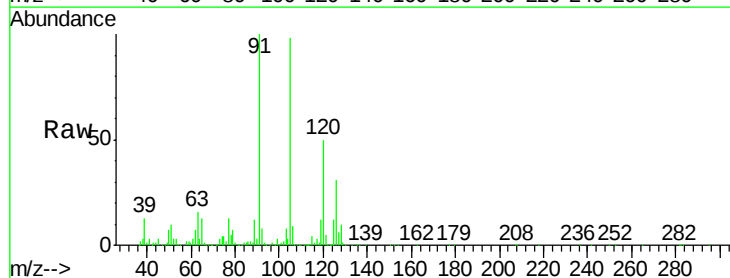
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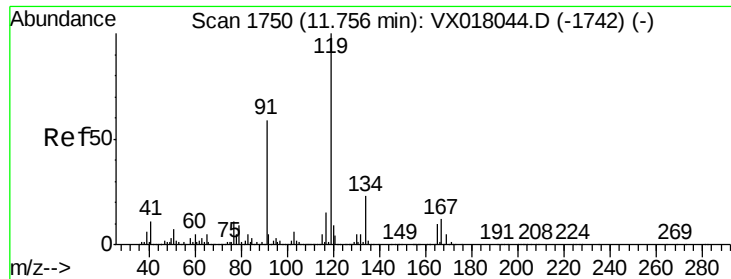
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#82
4-Chlorotoluene
Concen: 48.154 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.1	45.3





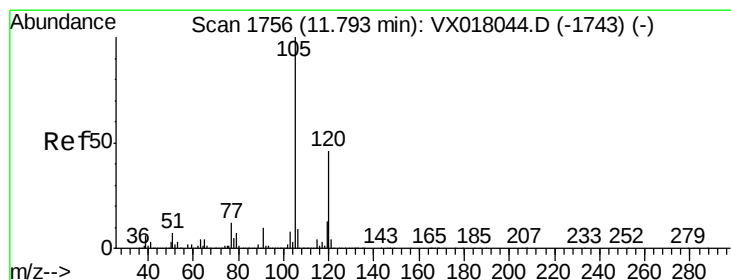
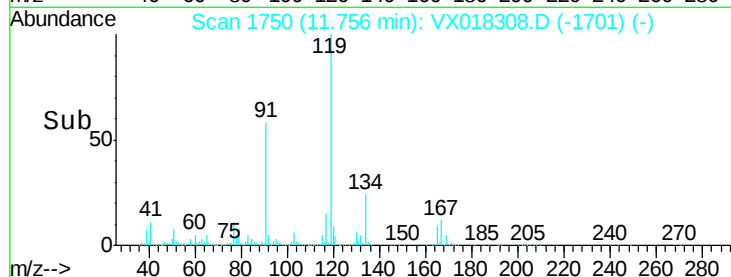
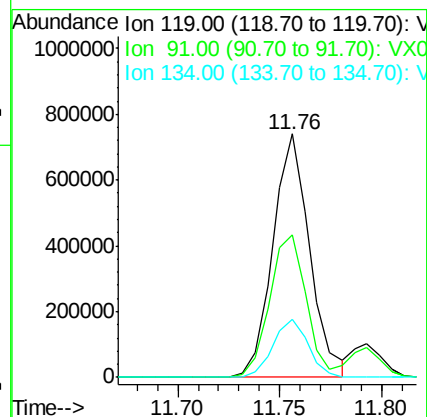
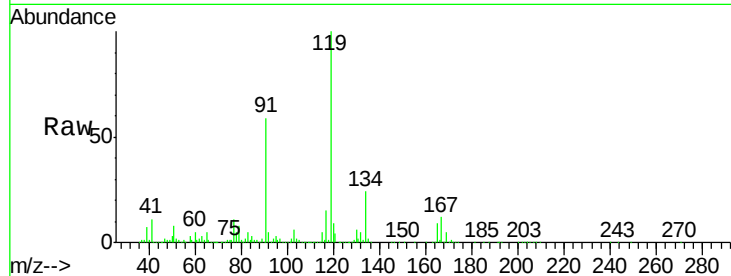
#83
 tert-Butylbenzene
 Concen: 49.848 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	929644		
91	58.2	28.2	84.7	
134	23.0	11.3	33.8	

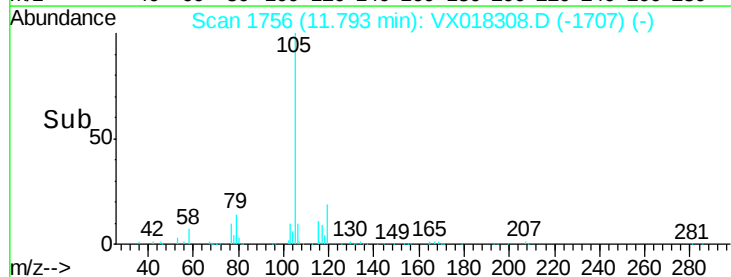
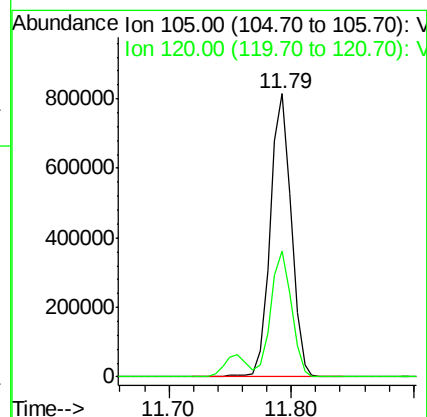
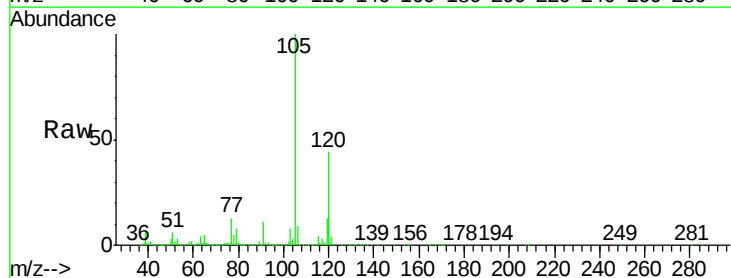
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.421 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	974170		
120	43.8	22.3	66.9	





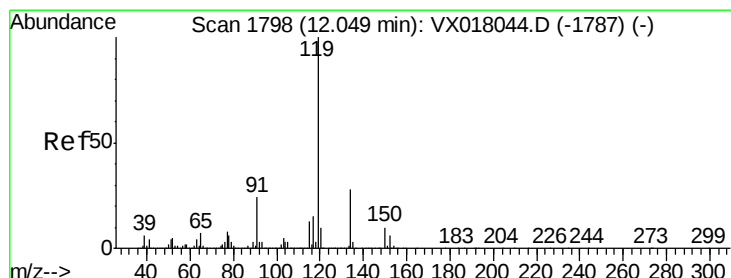
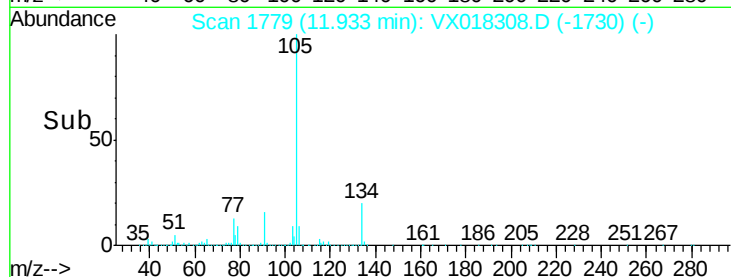
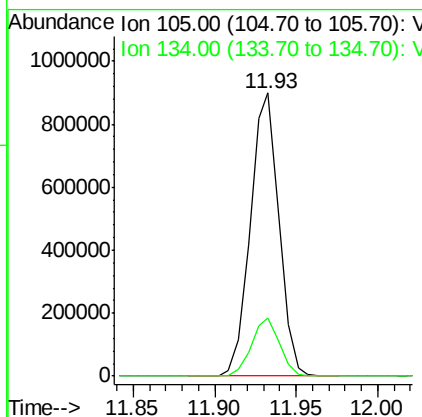
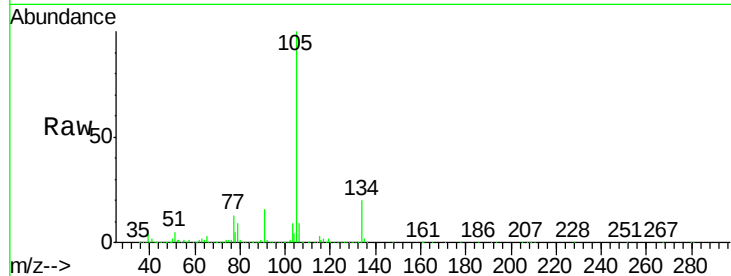
#85
 sec-Butylbenzene
 Concen: 51.639 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1095184
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3

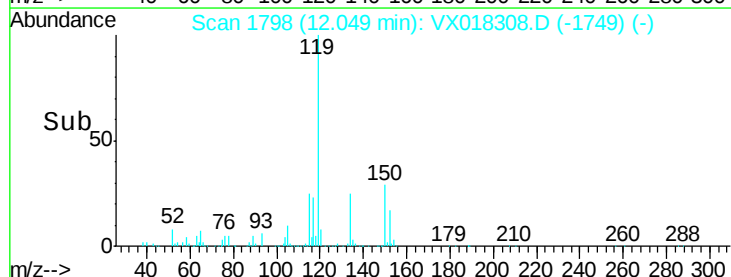
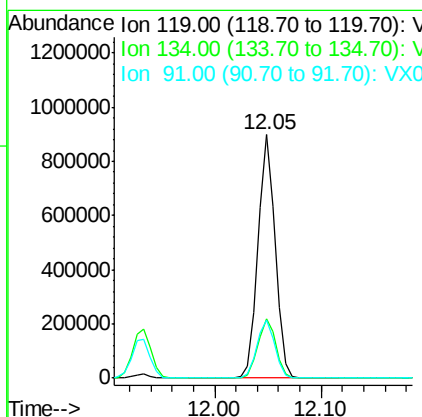
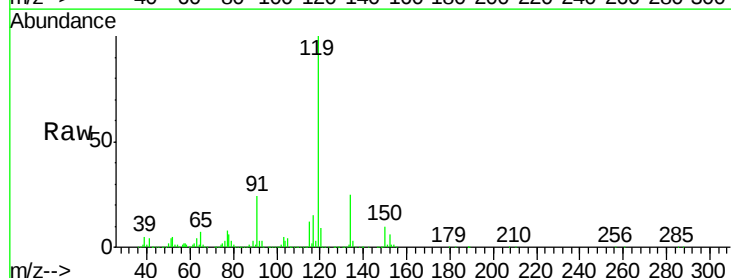
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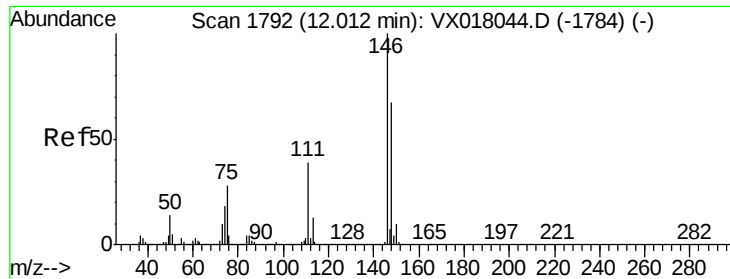
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#86
 p-Isopropyltoluene
 Concen: 52.402 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion:119 Resp: 1020841
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.0 11.8 35.4





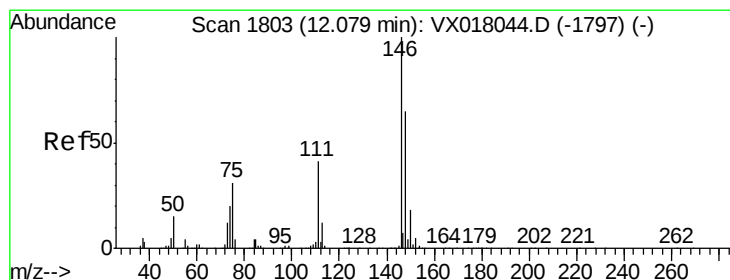
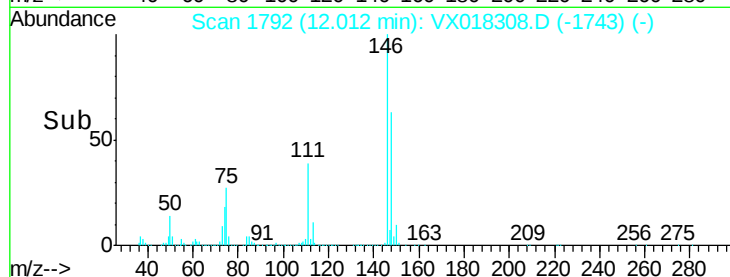
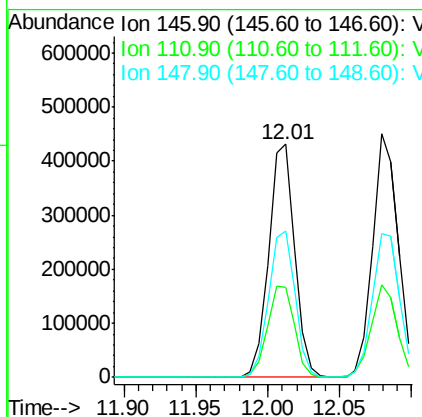
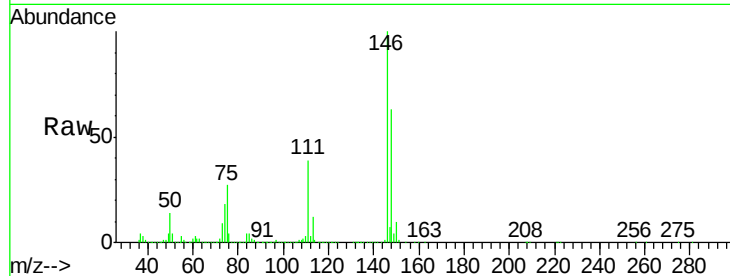
#87
 1,3-Dichlorobenzene
 Concen: 48.147 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	64.3	33.1	99.2

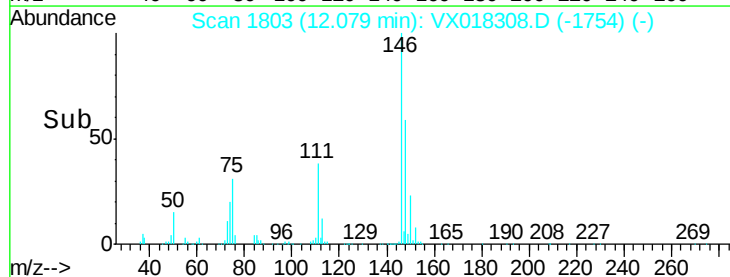
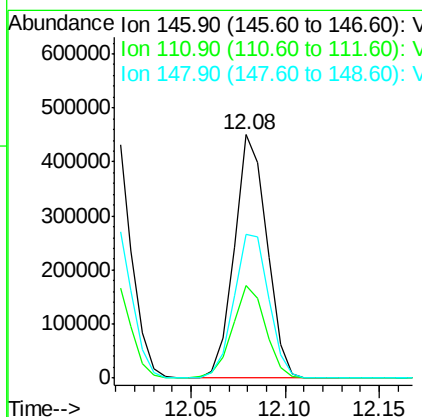
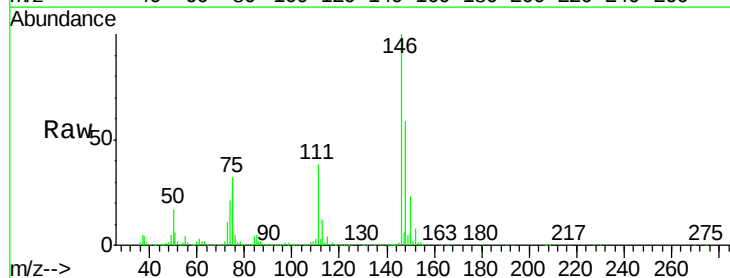
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#88
 1,4-Dichlorobenzene
 Concen: 48.240 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.8
148	63.5	33.1	99.2





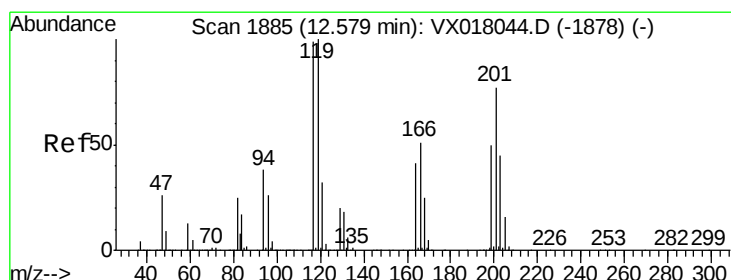
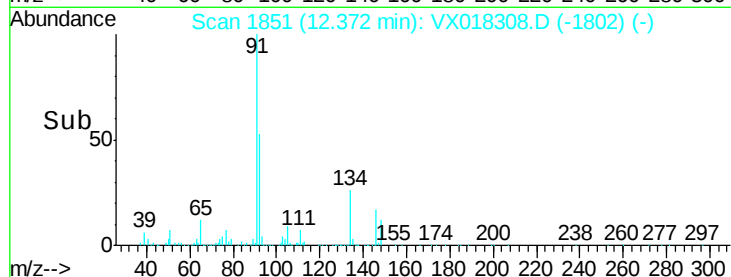
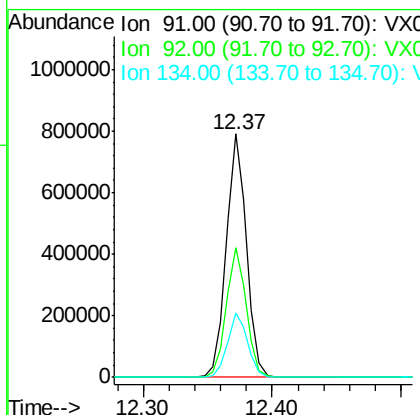
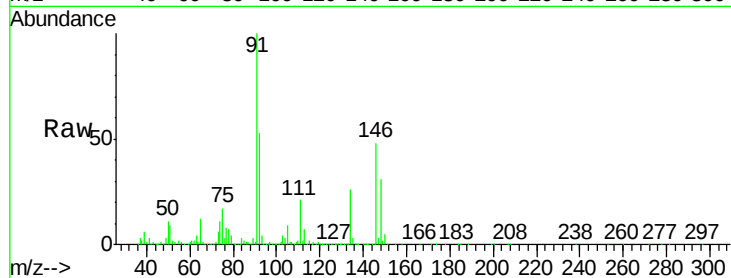
#89
n-Butylbenzene
Concen: 49.054 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	26.5	12.9	38.7

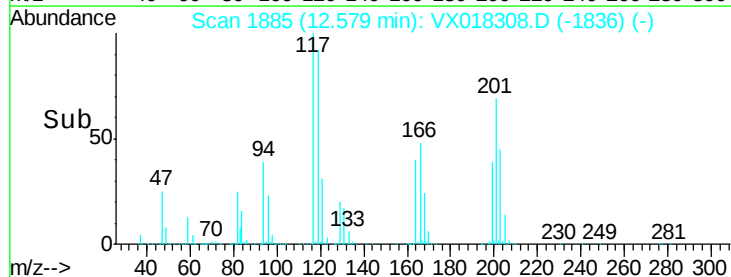
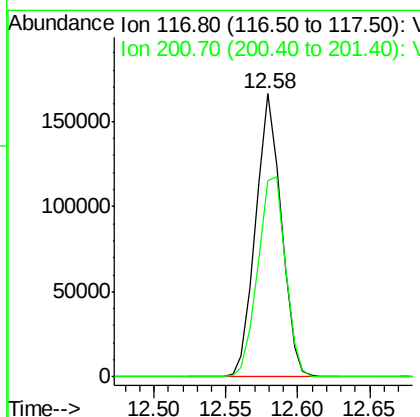
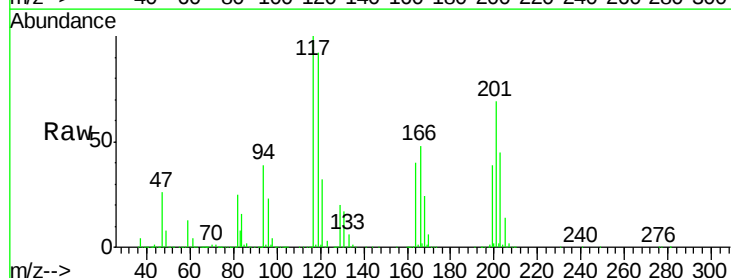
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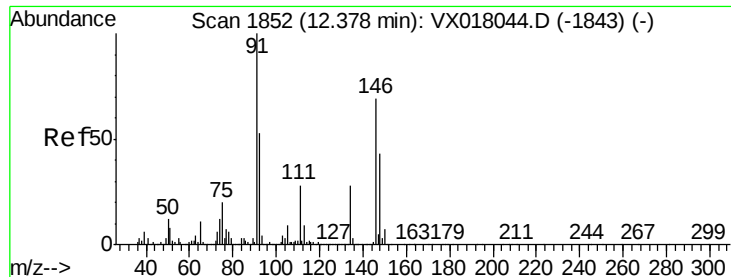
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#90
Hexachloroethane
Concen: 53.149 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	38.5	115.3





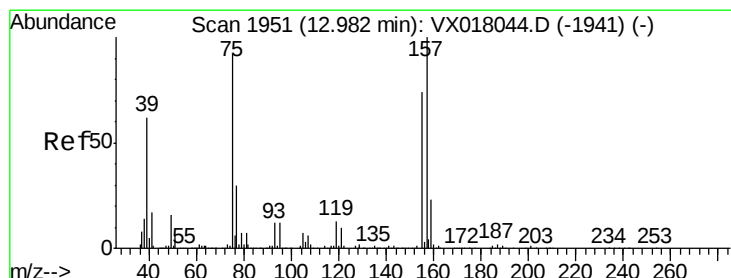
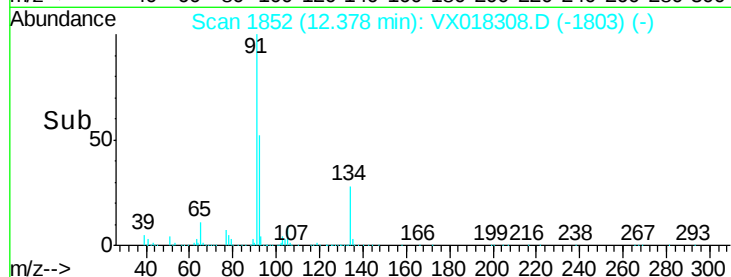
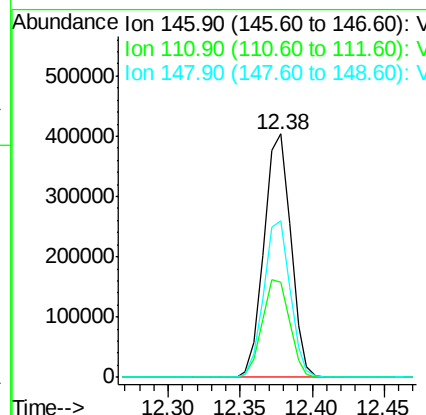
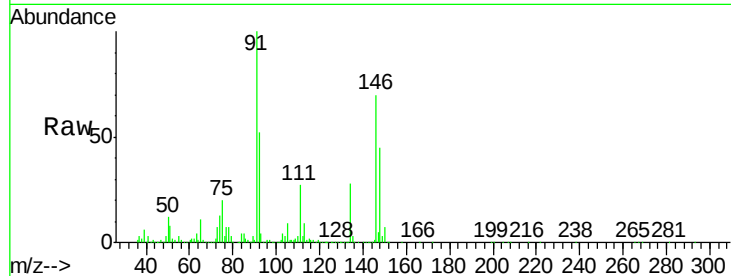
#91
 1,2-Dichlorobenzene
 Concen: 49.332 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	518278		
111	41.1	20.8	62.5	
148	63.5	31.6	95.0	

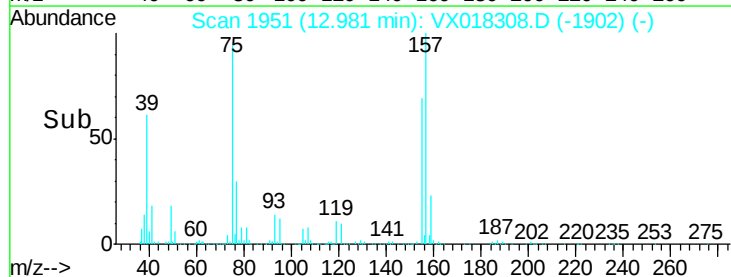
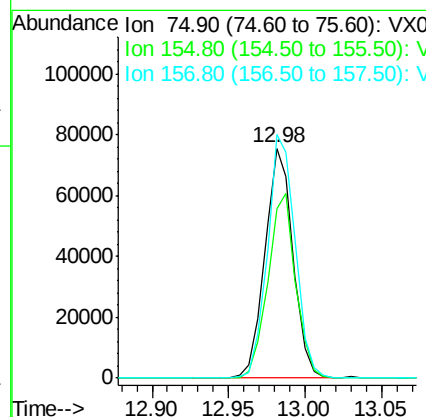
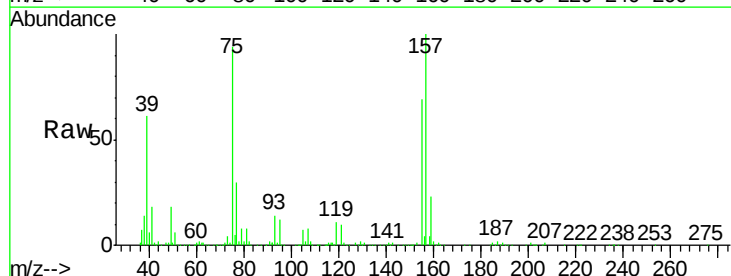
Manual Integrations
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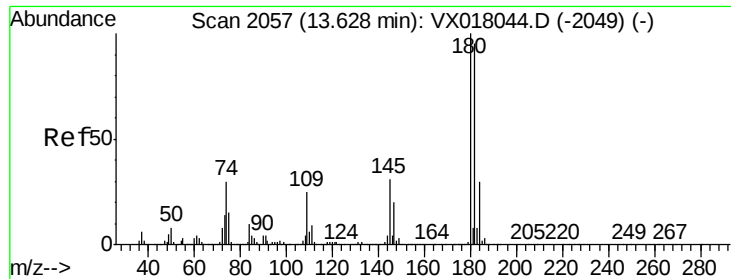
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.688 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018308.D
 Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	96733		
155	79.9	40.2	120.6	
157	104.9	55.0	165.2	





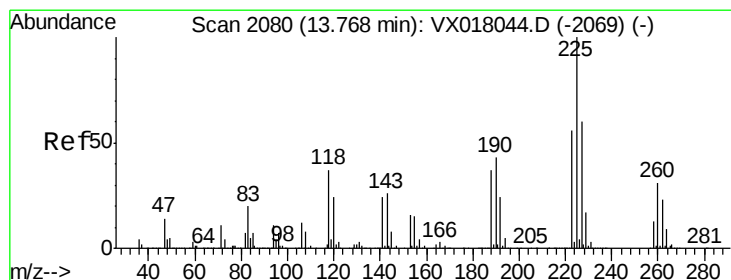
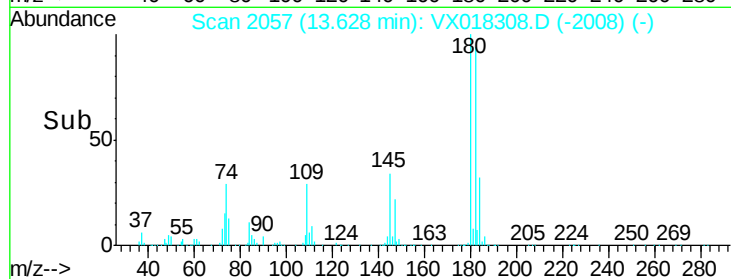
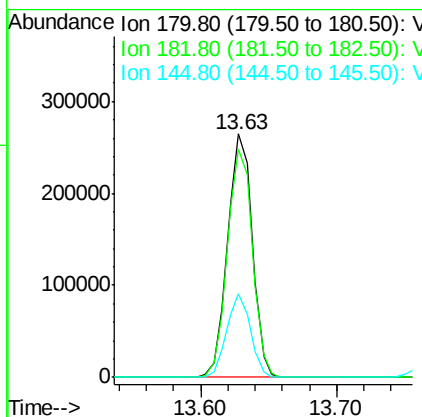
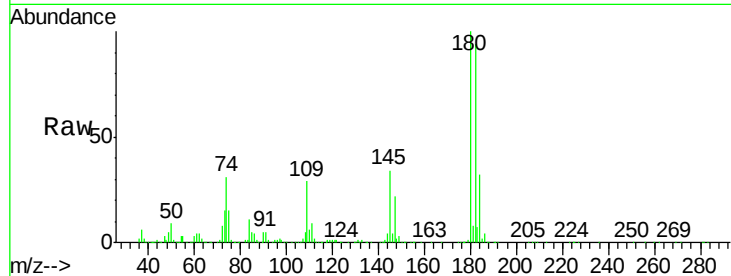
#93
1,2,4-Trichlorobenzene
Concen: 47.630 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333675		
182	95.3	47.5	142.6	
145	32.9	15.7	47.1	

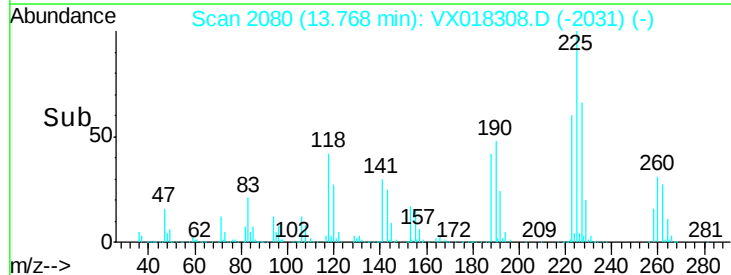
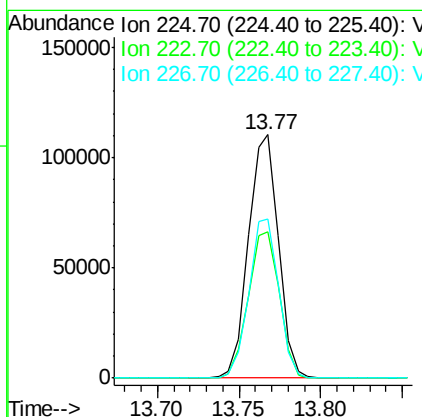
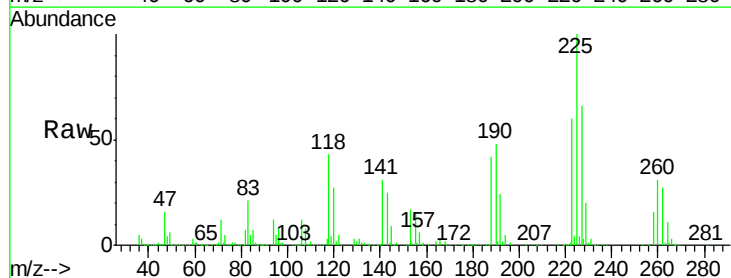
Manual Integrations
APPROVED

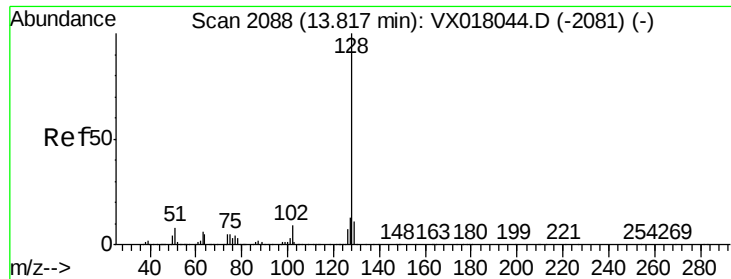
MMDadoda
9/9/2020 8:47:55 PM



#94
Hexachlorobutadiene
Concen: 51.187 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141441		
223	62.7	30.7	92.1	
227	65.1	32.6	97.8	





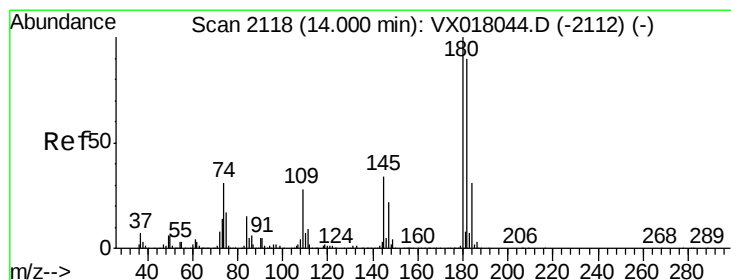
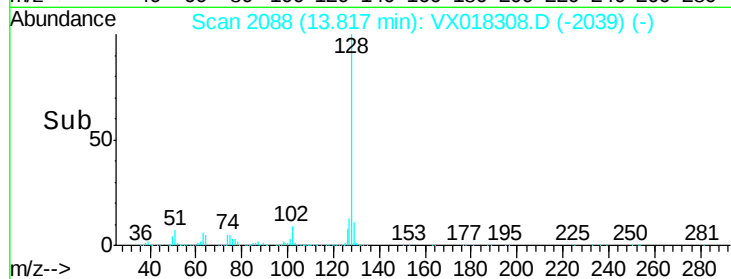
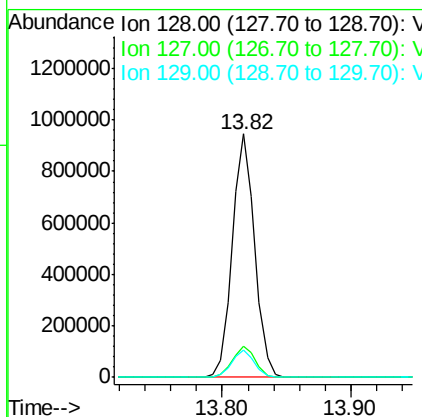
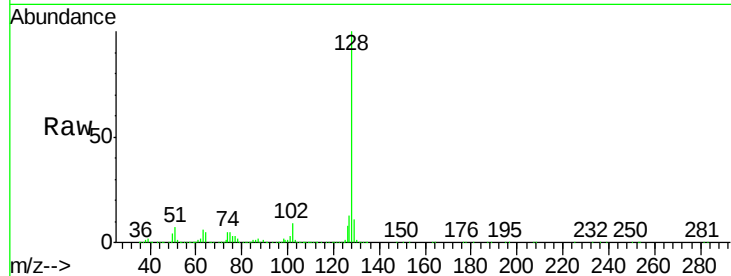
#95
Naphthalene
Concen: 49.566 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:47:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.487 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018308.D
Acq: 09 Sep 2020 04:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	142.0
145	33.1	17.5	52.6

