

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091120\
 Data File : VX018351.D
 Acq On : 11 Sep 2020 10:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:45 PM

Quant Time: Sep 12 06:13:39 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	5.62	168	423503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	646047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341986	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	287034	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.46	113	218072	49.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.70	98	763681	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.12	95	325296	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	253075	49.081	ug/l	100
3) Chloromethane	1.31	50	220552	40.572	ug/l	98
4) Vinyl Chloride	1.39	62	240076	44.365	ug/l	98
5) Bromomethane	1.62	94	147517	56.517	ug/l	98
6) Chloroethane	1.71	64	147295	50.679	ug/l	98
7) Trichlorofluoromethane	1.92	101	416896	56.499	ug/l	100
8) Diethyl Ether	2.17	74	127536	50.966	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	208941	52.377	ug/l	98
10) Methyl Iodide	2.49	142	215808	50.504	ug/l	96
11) Tert butyl alcohol	3.01	59	273968	239.661	ug/l	100
12) 1,1-Dichloroethene	2.36	96	201608	48.713	ug/l	99
13) Acrolein	2.27	56	171221	361.226	ug/l	99
14) Allyl chloride	2.70	41	366924	49.347	ug/l	96
15) Acrylonitrile	3.11	53	603143	232.595	ug/l	98
16) Acetone	2.42	43	568232	248.035	ug/l	95
17) Carbon Disulfide	2.55	76	538393	43.033	ug/l	99
18) Methyl Acetate	2.75	43	306338	55.413	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	743270	52.367	ug/l	99
20) Methylene Chloride	2.83	84	229439	48.956	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	223197	48.677	ug/l	98
22) Diisopropyl ether	3.82	45	735496	50.117	ug/l #	88
23) Vinyl Acetate	3.78	43	3231171	247.436	ug/l	100
24) 1,1-Dichloroethane	3.67	63	417726	50.003	ug/l	99
25) 2-Butanone	4.63	43	865685	229.926	ug/l	97
26) 2,2-Dichloropropane	4.54	77	399733	58.808	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	249894	47.301	ug/l	98
28) Bromochloromethane	4.98	49	184203	45.680	ug/l	98
29) Tetrahydrofuran	5.09	42	539127	224.939	ug/l	98
30) Chloroform	5.17	83	444349	51.368	ug/l	99
31) Cyclohexane	5.54	56	326954	46.461	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	412919	52.016	ug/l	100
36) 1,1-Dichloropropene	5.77	75	310223	52.061	ug/l	99
37) Ethyl Acetate	4.79	43	329948	47.675	ug/l	99
38) Carbon Tetrachloride	5.74	117	380677	56.688	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	334499	51.337	ug/l	97
40) Benzene	6.11	78	880087	50.264	ug/l	95
41) Methacrylonitrile	4.99	41	184756	48.620	ug/l	98
42) 1,2-Dichloroethane	6.16	62	372595	55.541	ug/l	97
43) Isopropyl Acetate	6.41	43	546672	48.905	ug/l	99
44) Trichloroethene	7.18	130	256350	51.815	ug/l	100
45) 1,2-Dichloropropane	7.49	63	238473	50.534	ug/l	96
46) Dibromomethane	7.63	93	170743	51.452	ug/l	99
47) Bromodichloromethane	7.87	83	365780	55.203	ug/l	98
48) Methyl methacrylate	7.74	41	276824	49.747	ug/l	99
49) 1,4-Dioxane	7.71	88	114977	1140.655	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1718744	248.914	ug/l	99
52) Toluene	8.76	92	571387	51.464	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	402759	54.844	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	412461	53.020	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	240189	50.725	ug/l	97
56) Ethyl methacrylate	9.16	69	358732	50.961	ug/l	98
57) 1,3-Dichloropropane	9.35	76	395785	50.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	850010	268.429	ug/l	99
59) 2-Hexanone	9.47	43	1342992	255.787	ug/l	100
60) Dibromochloromethane	9.56	129	307652	55.385	ug/l	100
61) 1,2-Dibromoethane	9.65	107	261984	50.962	ug/l	99
64) Tetrachloroethene	9.32	164	244066	54.600	ug/l	95
65) Chlorobenzene	10.12	112	639698	52.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	262596	54.841	ug/l	97
67) Ethyl Benzene	10.23	91	1121900	54.302	ug/l	100
68) m/p-Xylenes	10.34	106	851324	110.398	ug/l	97
69) o-Xylene	10.68	106	400308	53.550	ug/l	95
70) Styrene	10.70	104	734785	57.718	ug/l	100
71) Bromoform	10.84	173	239817	58.718	ug/l	98
73) Isopropylbenzene	11.00	105	1128945	50.047	ug/l	99
74) N-amyl acetate	10.88	43	497630	46.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360947	45.359	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	355277m	46.700	ug/l	
77) Bromobenzene	11.24	156	308771	49.519	ug/l	98
78) n-propylbenzene	11.34	91	1349278	52.679	ug/l	98
79) 2-Chlorotoluene	11.40	91	802356	50.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1001574	54.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	137369	48.768	ug/l	96
82) 4-Chlorotoluene	11.49	91	964303	51.260	ug/l	99
83) tert-Butylbenzene	11.76	119	961695	52.570	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1016927	53.658	ug/l	100
85) sec-Butylbenzene	11.93	105	1114125	53.555	ug/l	97
86) p-Isopropyltoluene	12.05	119	1082863	56.667	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	562845	51.412	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	541298	49.382	ug/l	99
89) n-Butylbenzene	12.37	91	973055	55.790	ug/l	98
90) Hexachloroethane	12.58	117	202119	53.760	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	530711	51.499	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94165	47.326	ug/l	96

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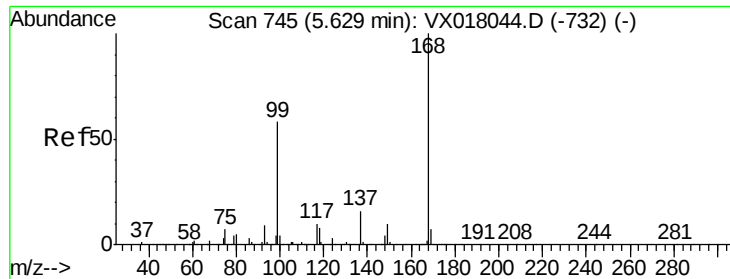
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	382687	55.689	ug/l	98
94) Hexachlorobutadiene	13.77	225	166200	61.318	ug/l	99
95) Naphthalene	13.82	128	1121088	49.572	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	350564	51.629	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 423503

Ion Ratio Lower Upper

168 100

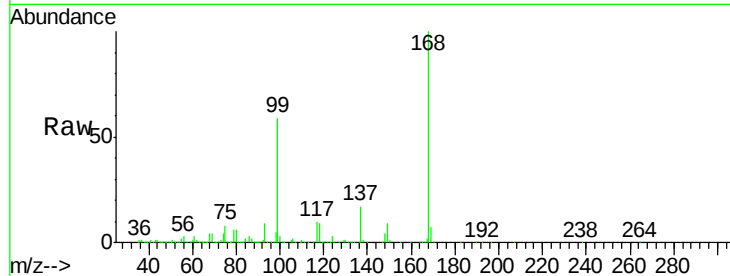
99 58.4 46.3 69.5

Manual Integrations

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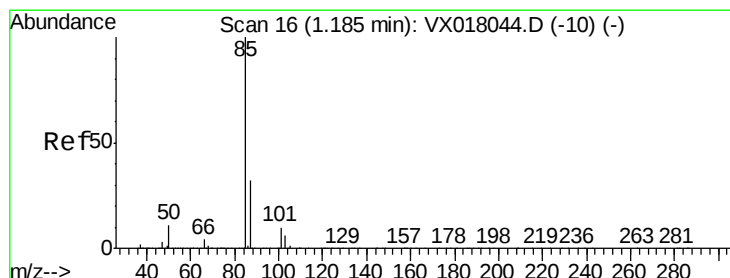
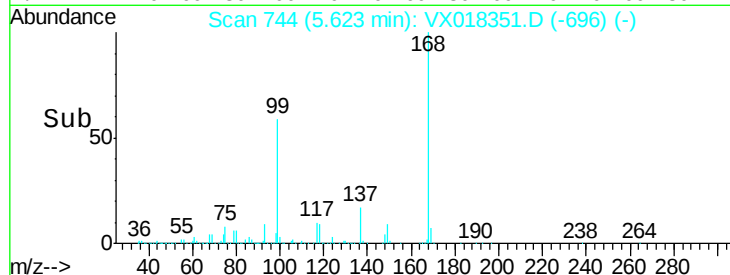
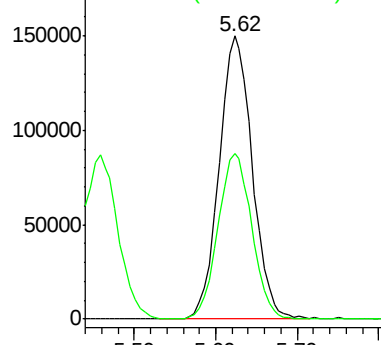
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.081 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018351.D

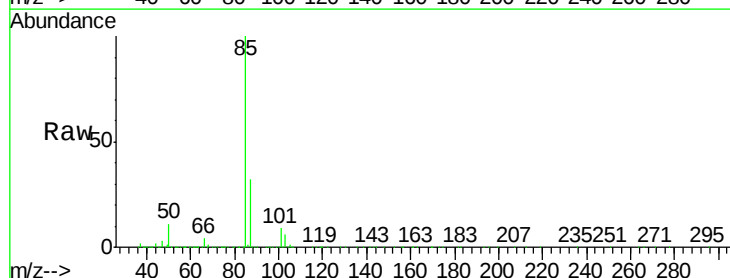
Acq: 11 Sep 2020 10:40

Tgt Ion: 85 Resp: 253075

Ion Ratio Lower Upper

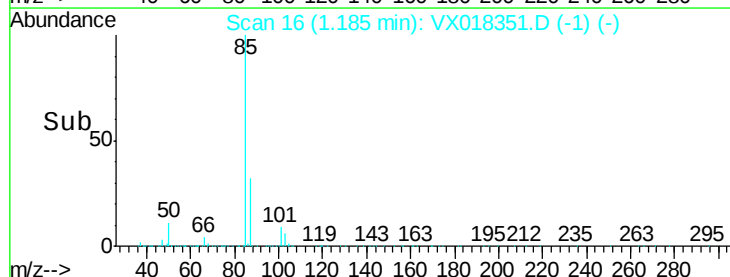
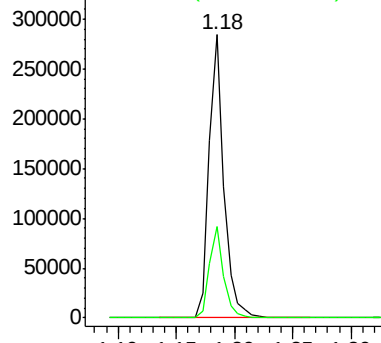
85 100

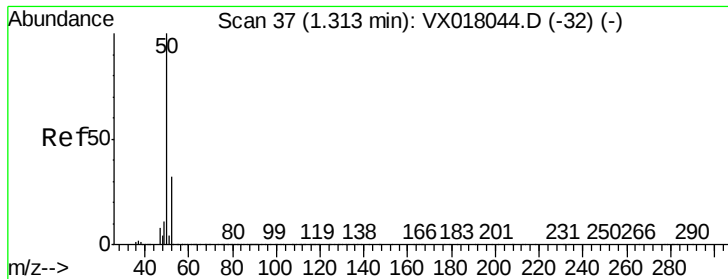
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.572 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 22052

Ion Ratio Lower Upper

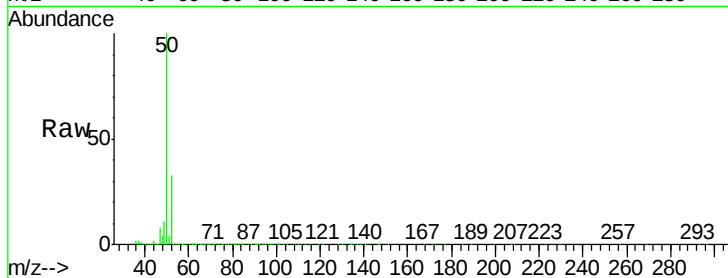
50 100

52 33.1 25.4 38.2

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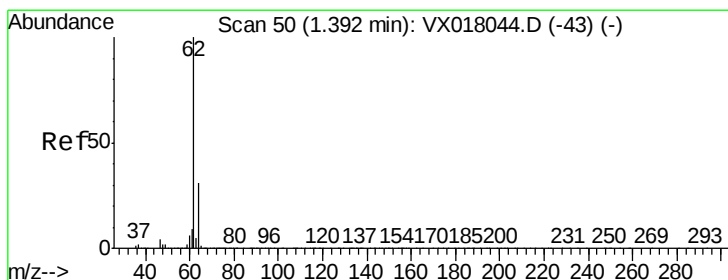
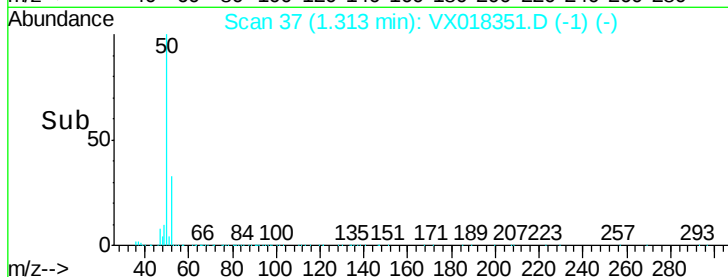
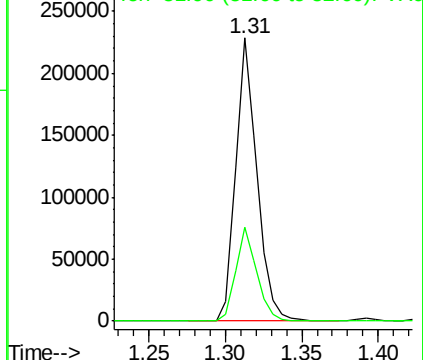
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.365 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018351.D

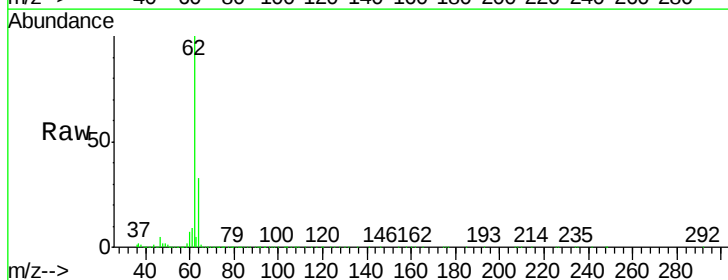
Acq: 11 Sep 2020 10:40

Tgt Ion: 62 Resp: 240076

Ion Ratio Lower Upper

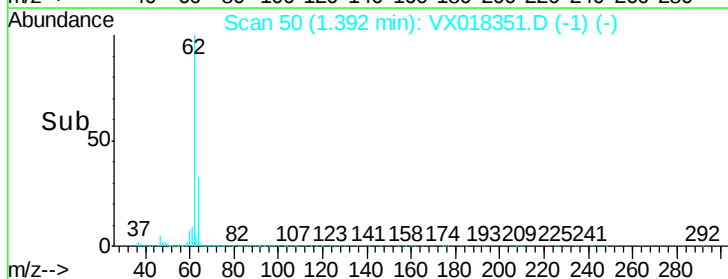
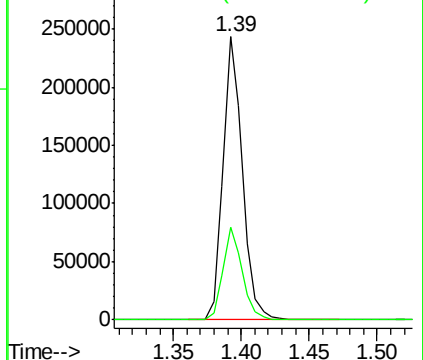
62 100

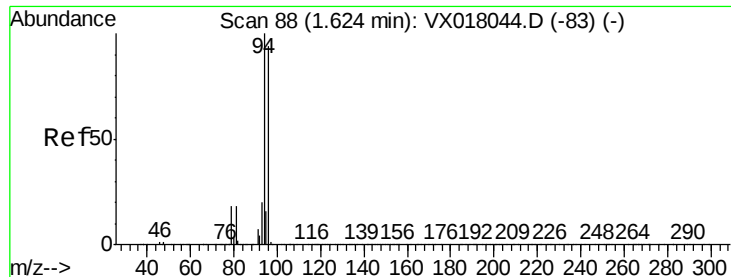
64 32.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.517 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 147517

Ion Ratio Lower Upper

94 100

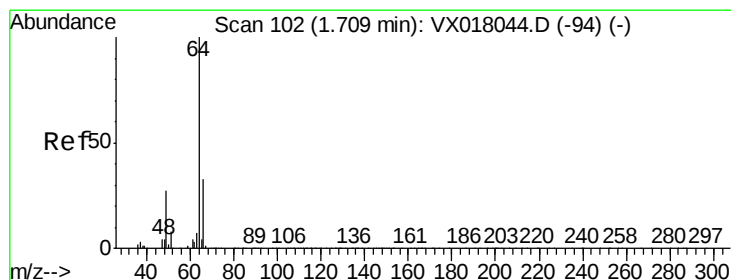
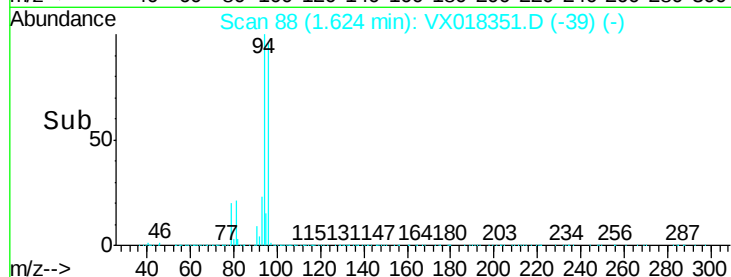
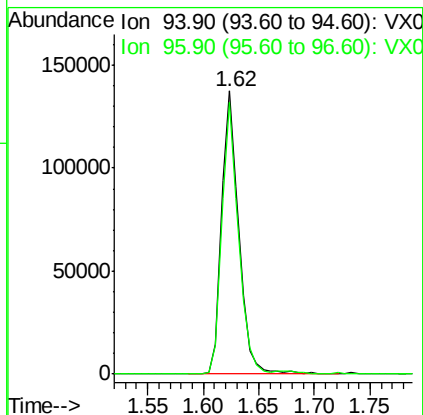
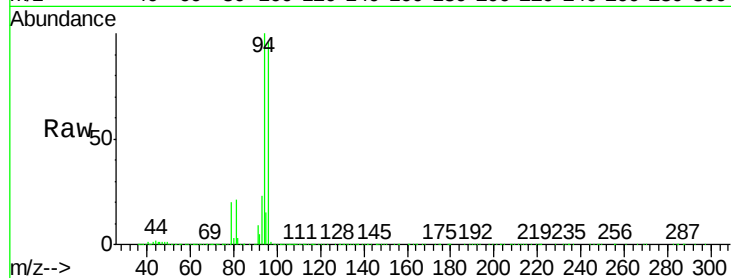
96 95.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 50.679 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018351.D

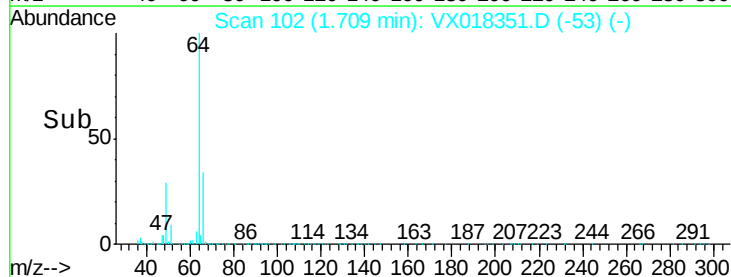
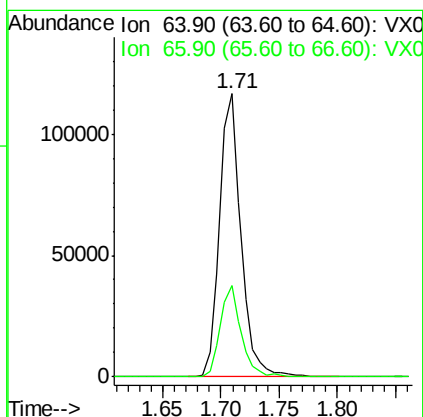
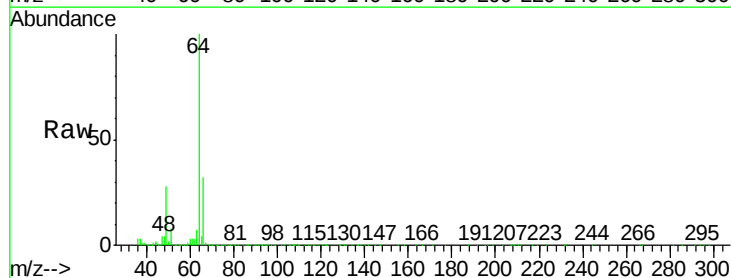
Acq: 11 Sep 2020 10:40

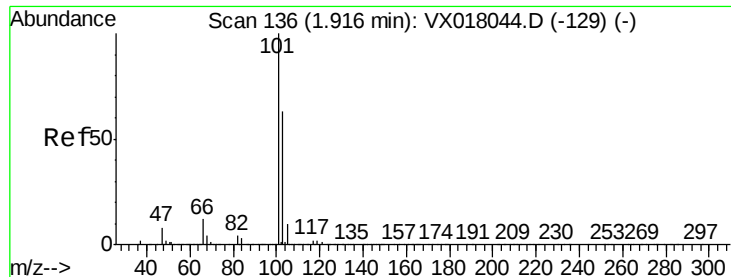
Tgt Ion: 64 Resp: 147295

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8





#7

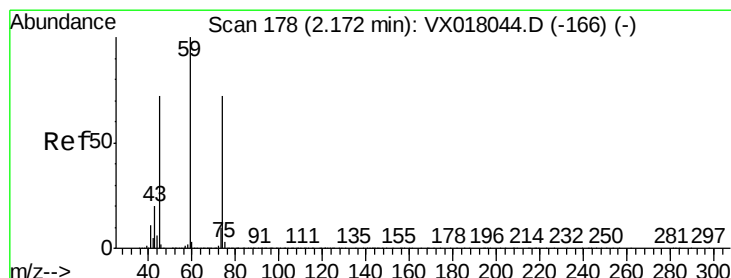
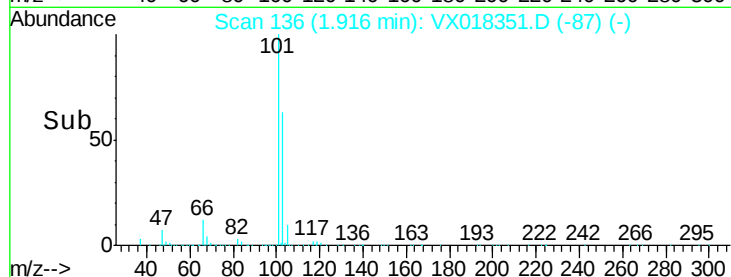
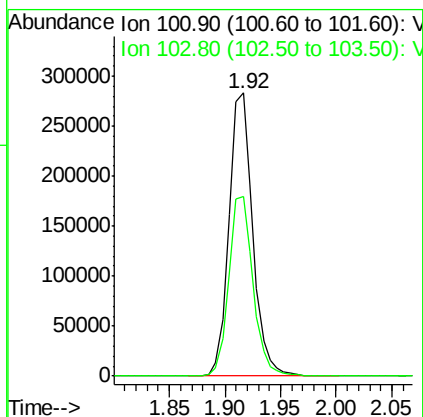
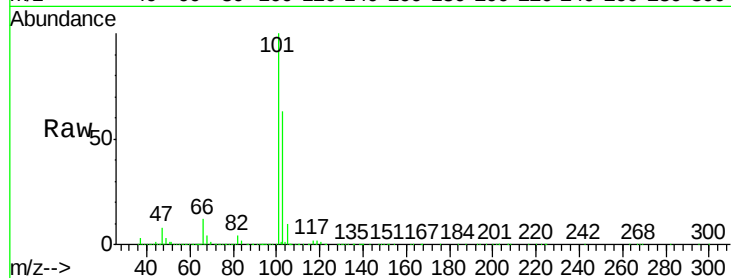
Trichlorofluoromethane
Concen: 56.499 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.7	76.1

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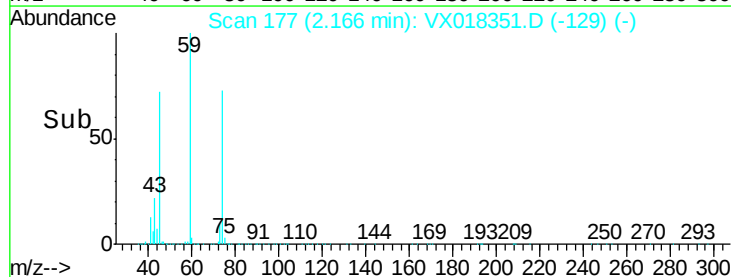
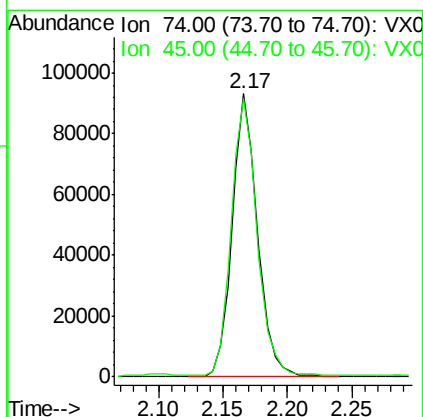
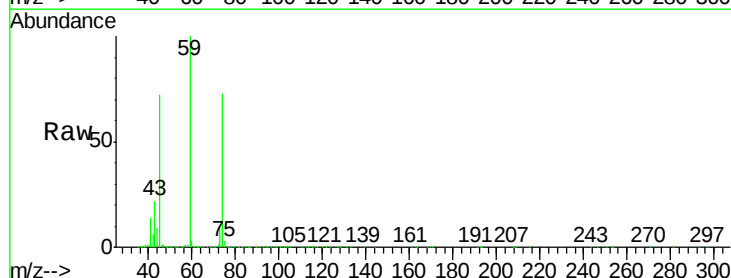
MMDadoda
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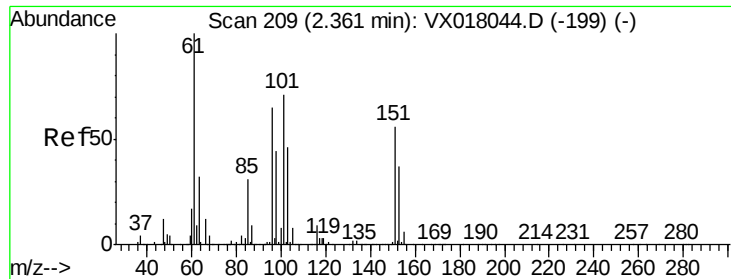


#8

Diethyl Ether
Concen: 50.966 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.377 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

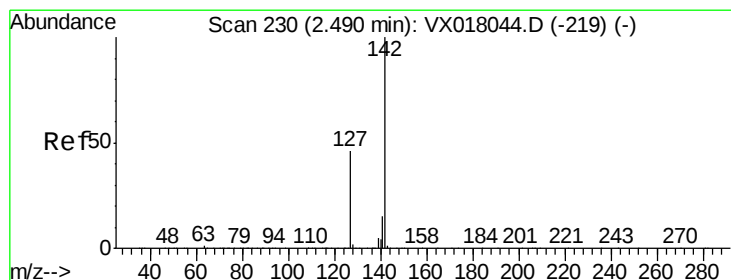
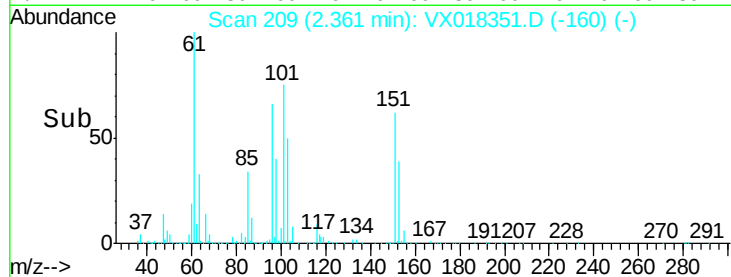
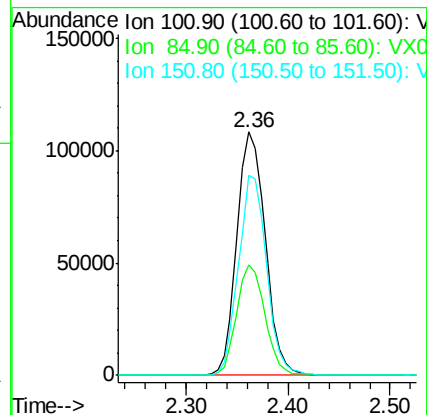
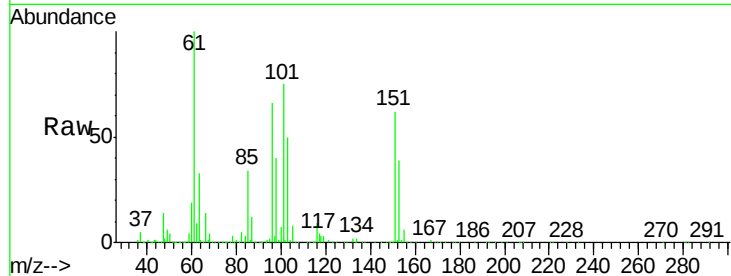
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	208941
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.0	51.0
151	81.3	65.2	97.8

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#10

Methyl Iodide

Concen: 50.504 ug/l

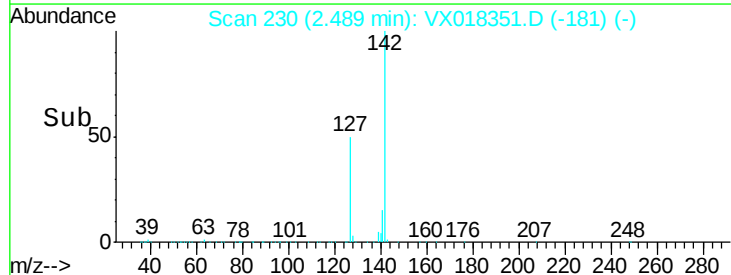
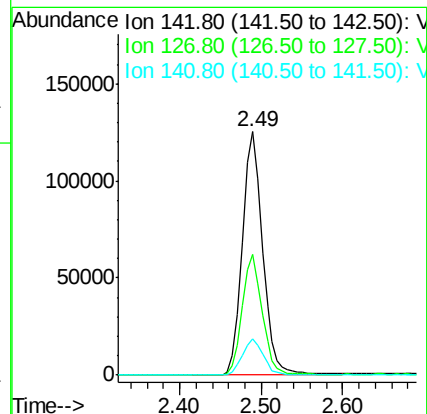
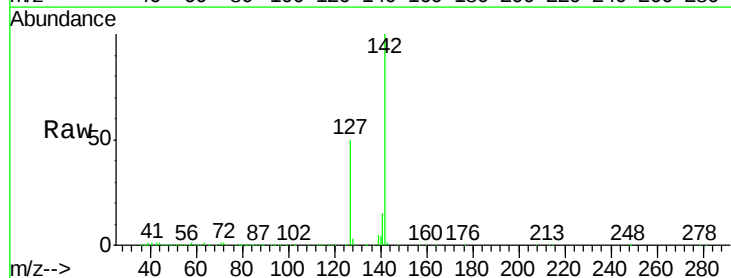
RT: 2.49 min Scan# 230

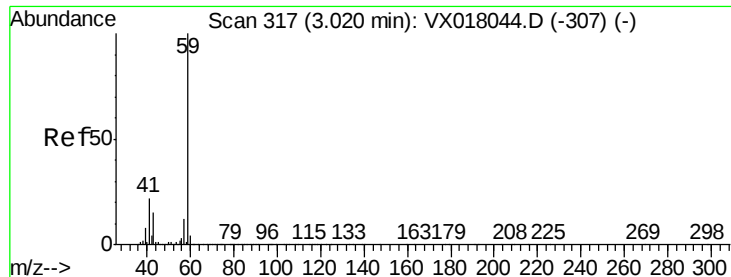
Delta R.T. 0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion:	142	Resp:	215808
Ion Ratio	Lower	Upper	
142	100		
127	49.2	37.0	55.6
141	15.3	11.5	17.3





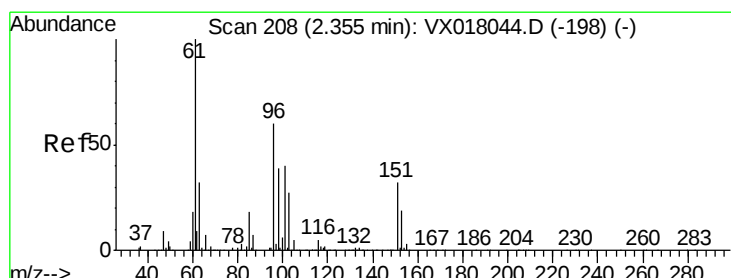
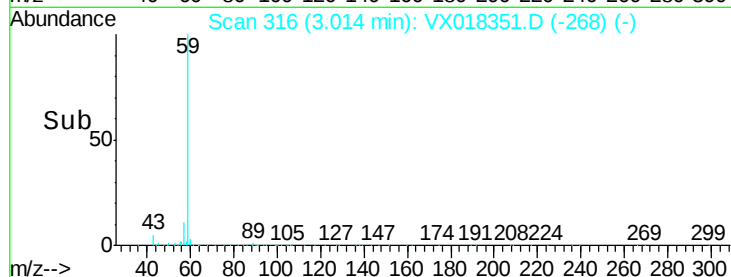
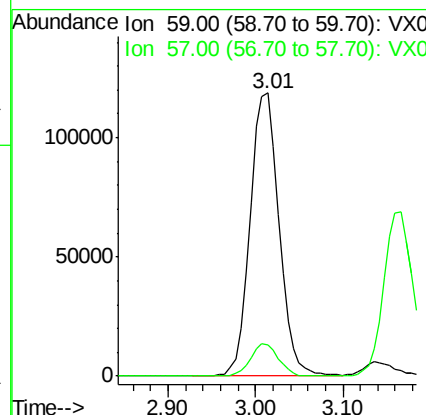
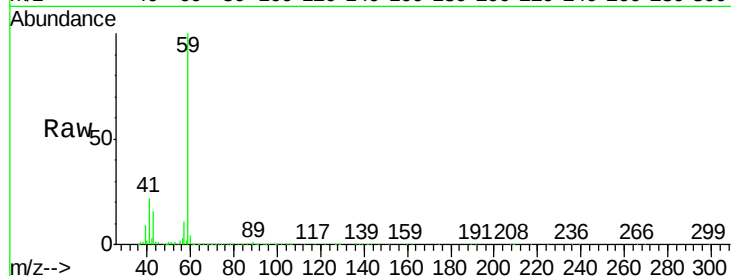
#11
Tert butyl alcohol
Concen: 239.661 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.9	13.3

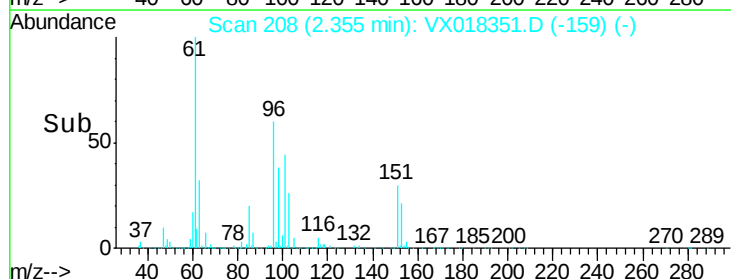
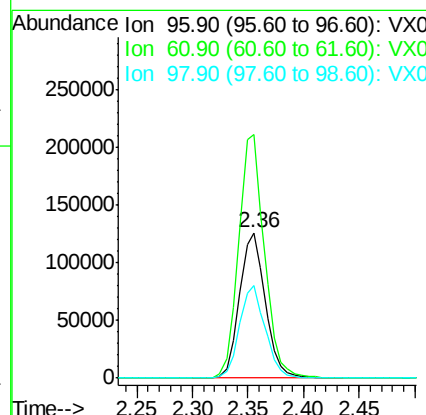
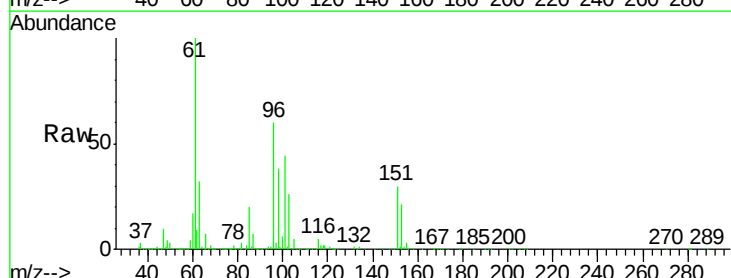
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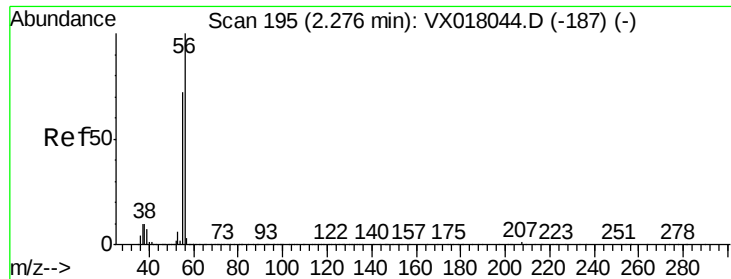
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.713 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	133.0	199.4
98	63.9	51.6	77.4





#13

Acrolein

Concen: 361.226 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 171221

Ion Ratio Lower Upper

56 100

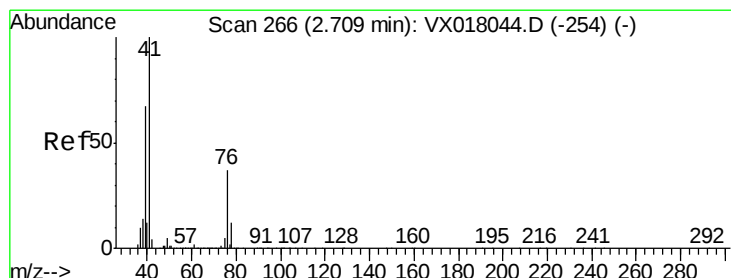
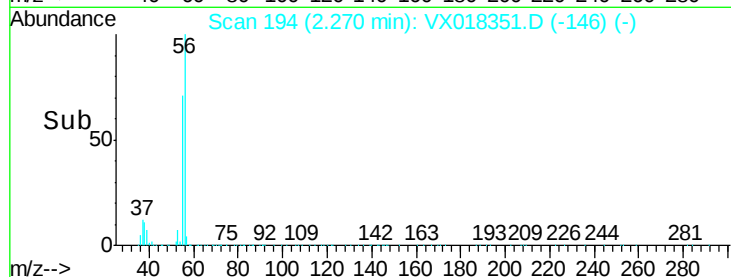
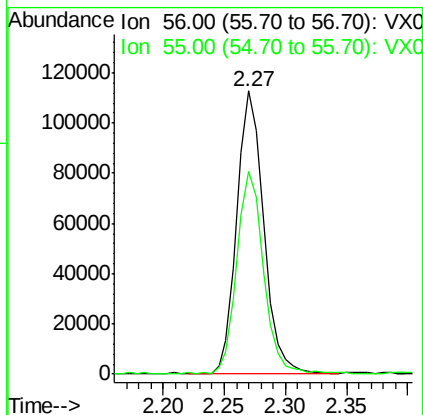
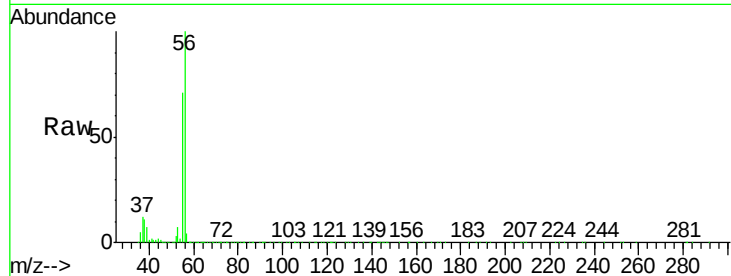
55 72.2 57.0 85.6

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#14

Allyl chloride

Concen: 49.347 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

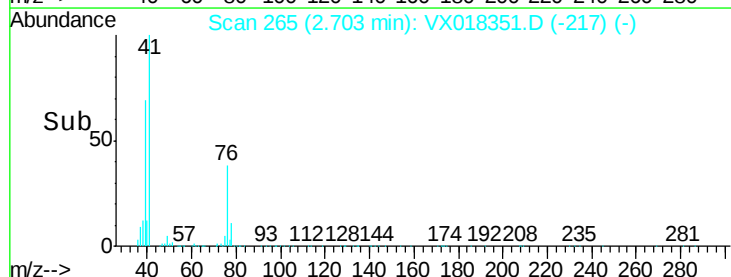
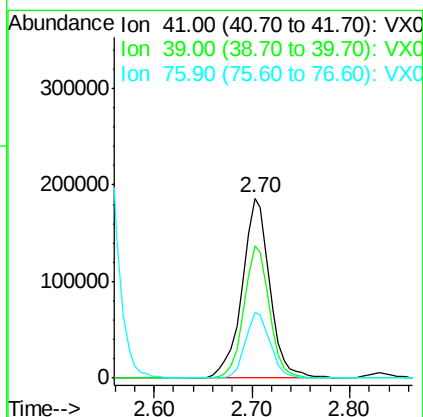
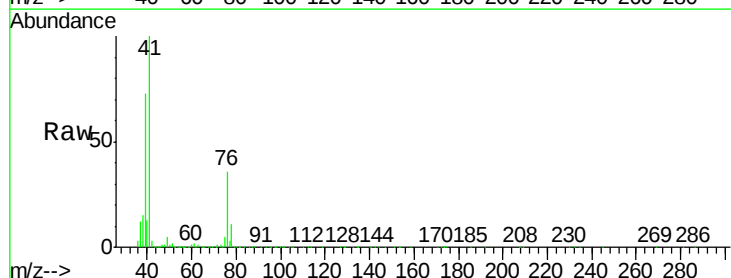
Tgt Ion: 41 Resp: 366924

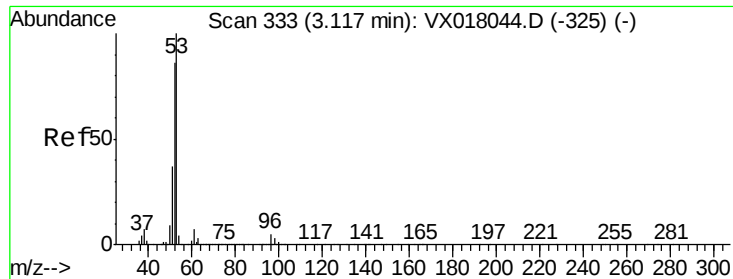
Ion Ratio Lower Upper

41 100

39 68.0 50.6 76.0

76 32.2 26.2 39.2





#15

Acrylonitrile

Concen: 232.595 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

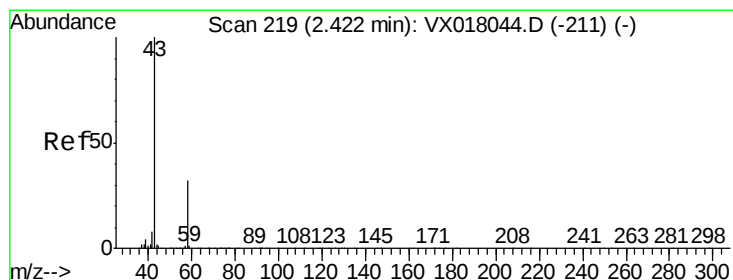
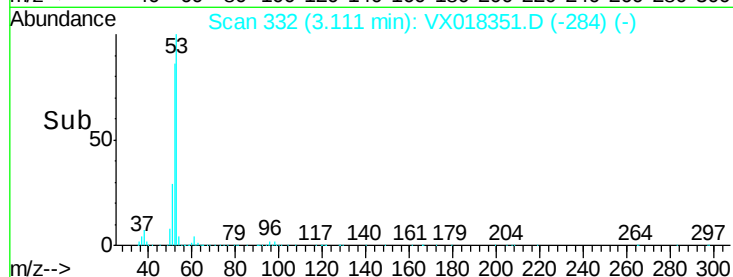
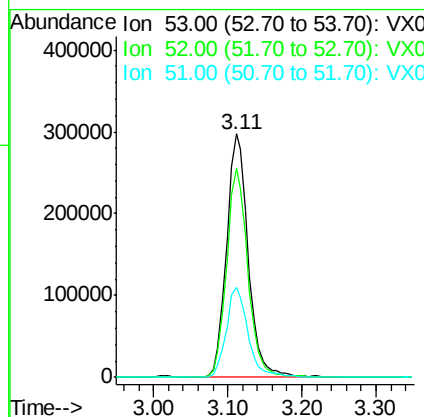
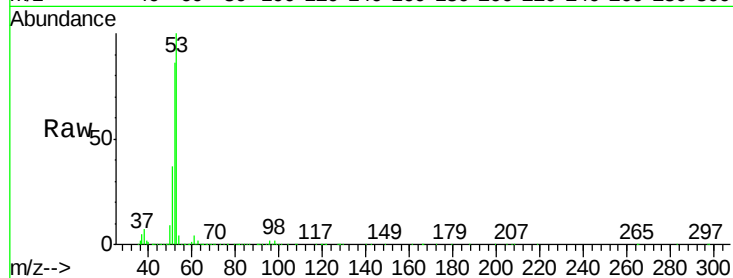
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	603143
Ion Ratio	Lower	Upper	
53	100		
52	84.8	66.9	100.3
51	37.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 248.035 ug/l

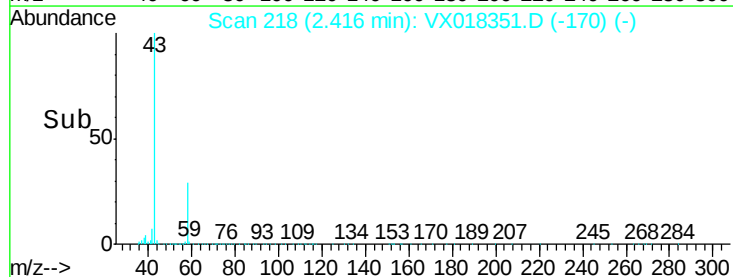
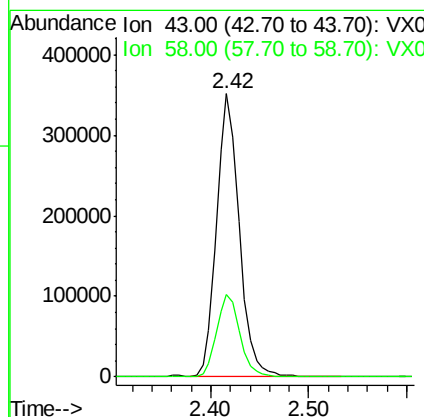
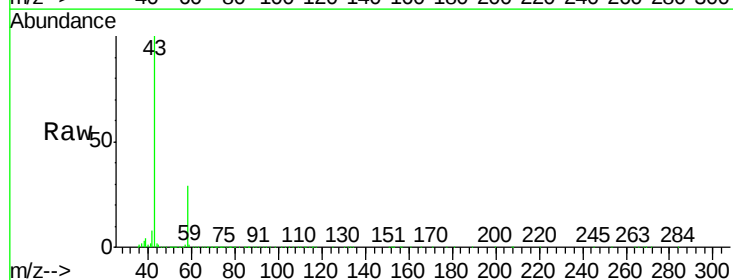
RT: 2.42 min Scan# 218

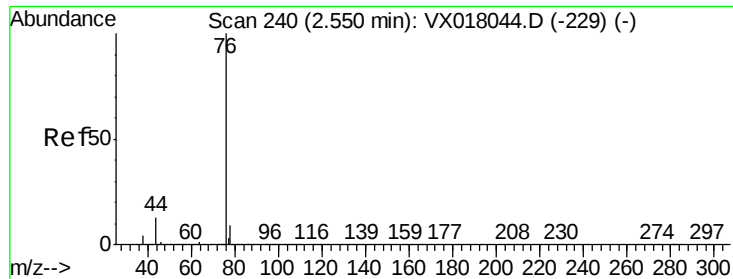
Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion:	43	Resp:	568232
Ion Ratio	Lower	Upper	
43	100		
58	29.0	25.5	38.3





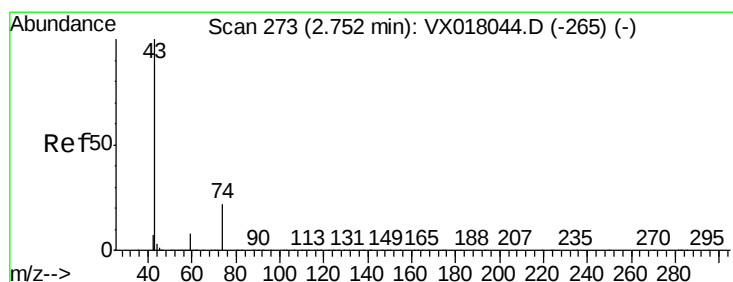
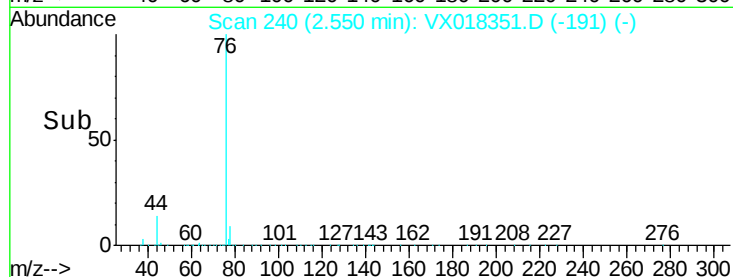
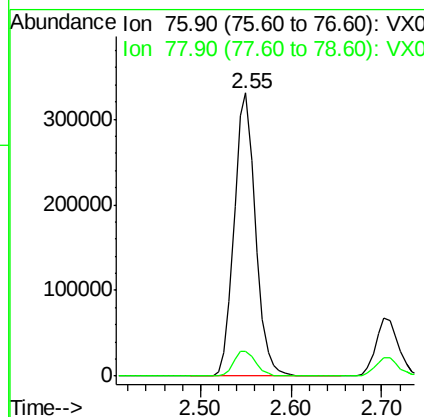
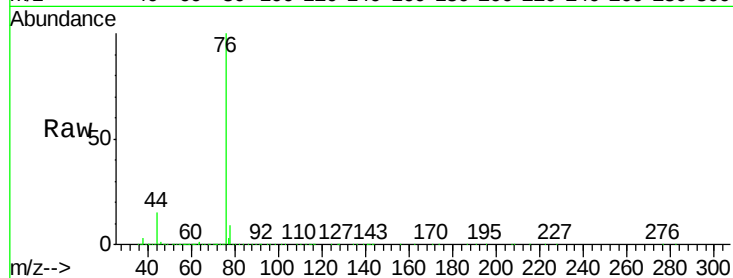
#17
Carbon Disulfide
Concen: 43.033 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

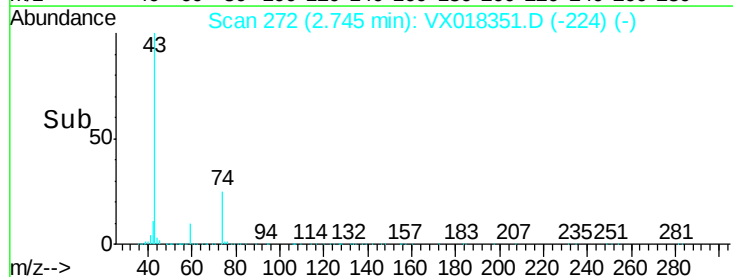
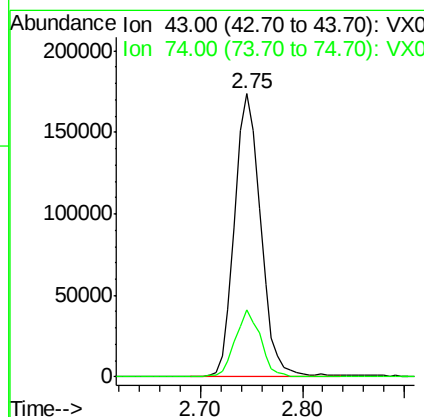
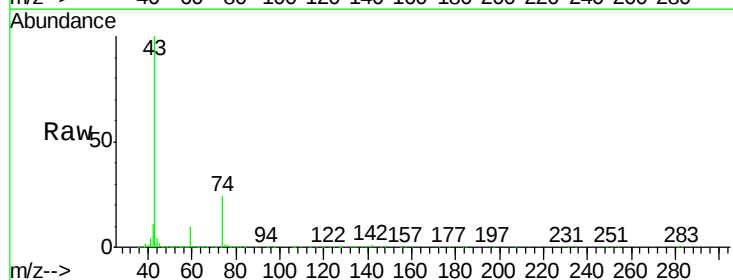
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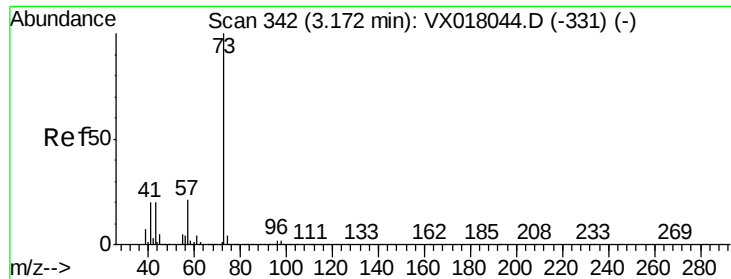
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#18
Methyl Acetate
Concen: 55.413 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.2	27.4





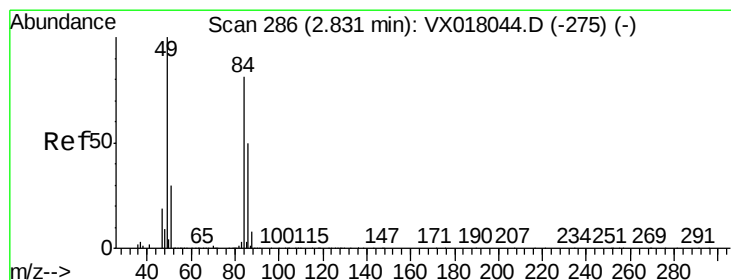
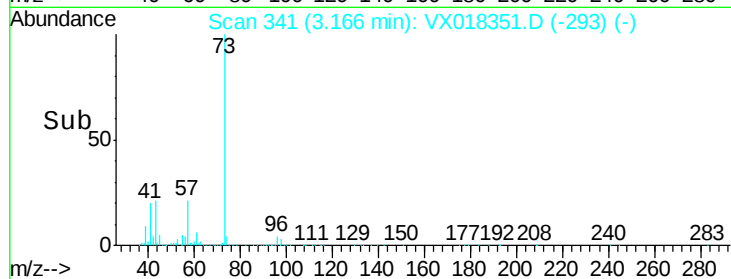
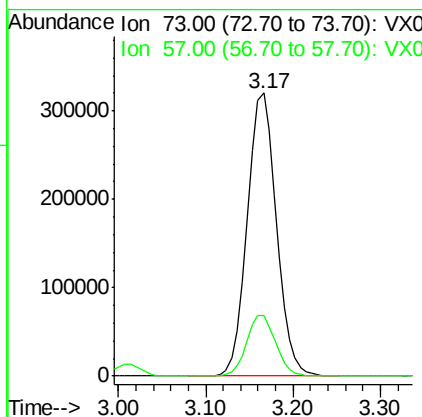
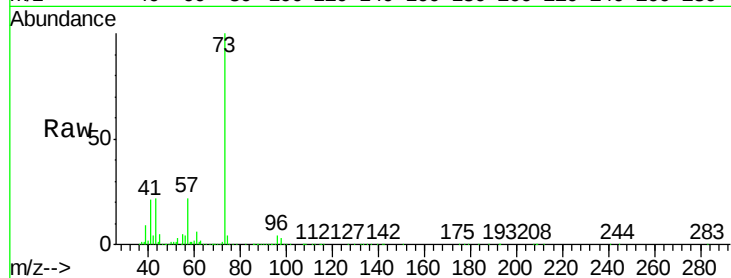
#19
Methyl tert-butyl Ether
Concen: 52.367 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

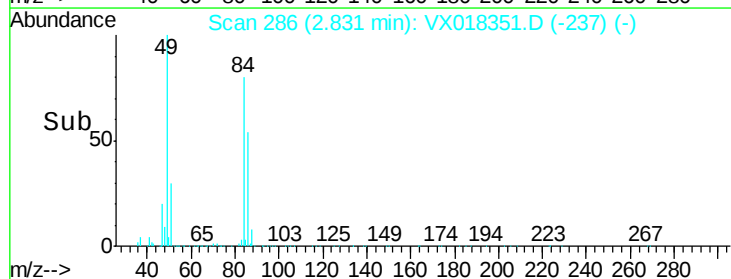
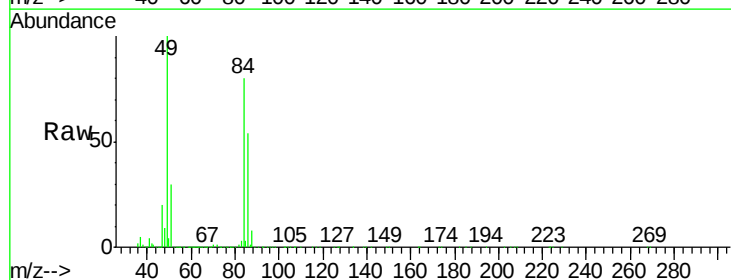
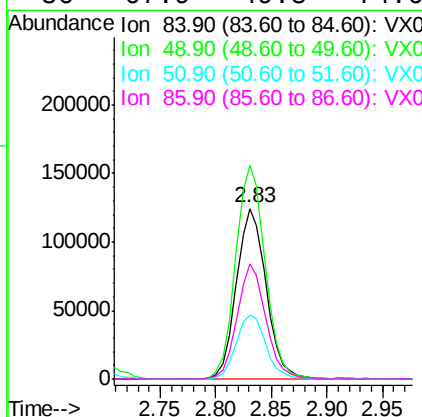
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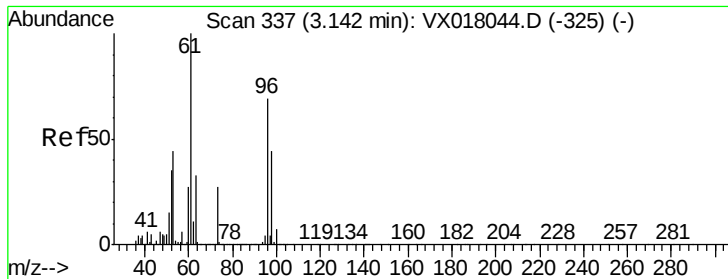
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#20
Methylene Chloride
Concen: 48.956 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	98.6	148.0
51	37.2	29.6	44.4
86	67.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 48.677 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018351.D

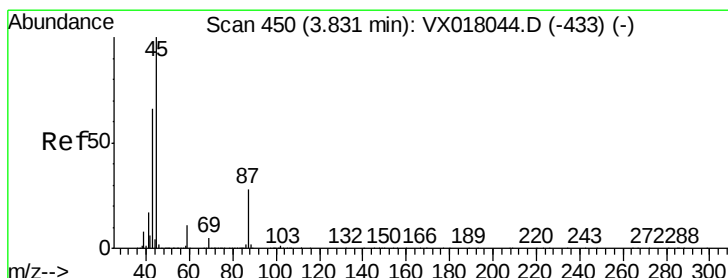
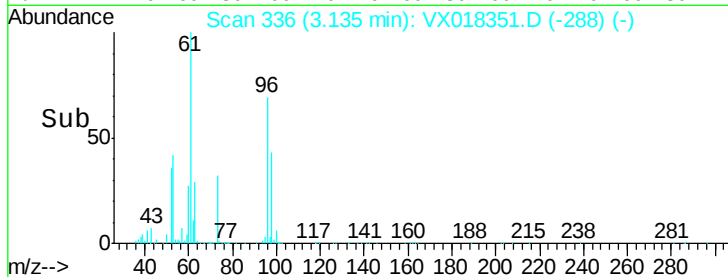
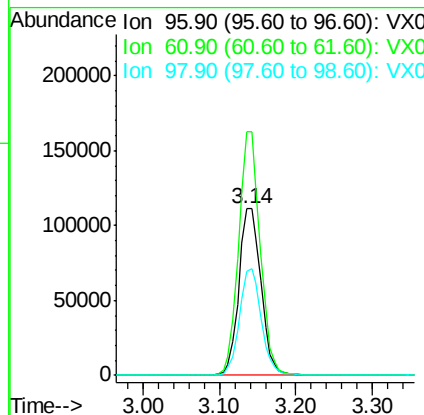
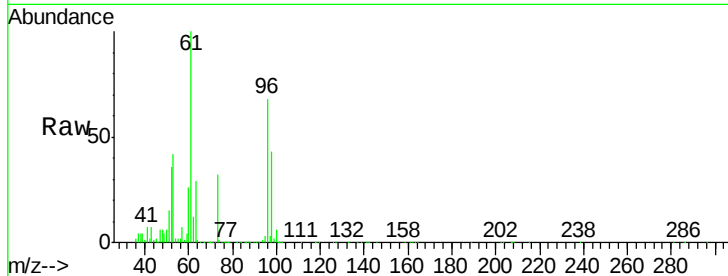
Acq: 11 Sep 2020 10:40

Tot Ion:	96	Resp:	223197
Ion	Ratio	Lower	Upper
96	100		
61	146.1	115.4	173.0
98	62.6	51.1	76.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 50.117 ug/l

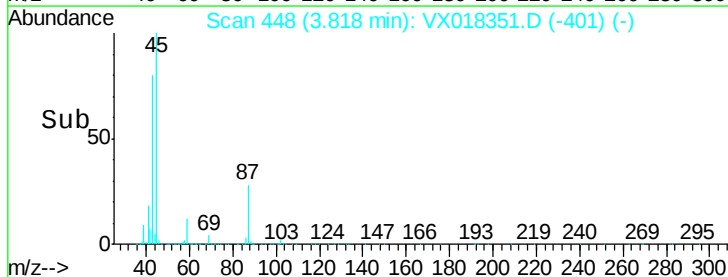
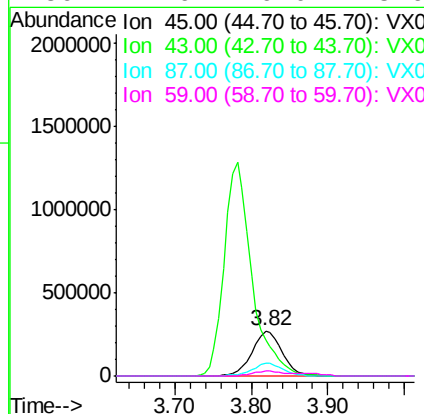
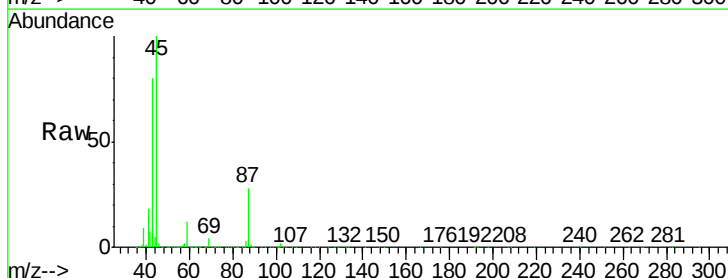
RT: 3.82 min Scan# 448

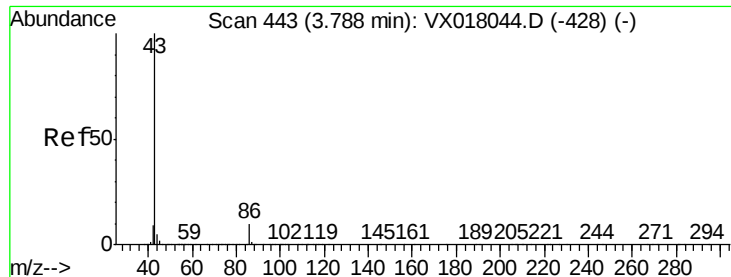
Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion:	45	Resp:	735496
Ion	Ratio	Lower	Upper
45	100		
43	80.4	52.8	79.2#
87	27.5	22.5	33.7
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 247.436 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3231171

Ion Ratio Lower Upper

43 100

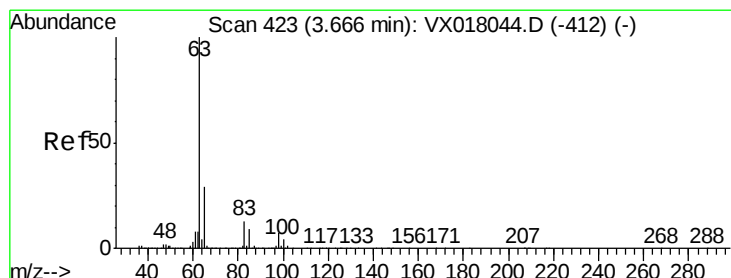
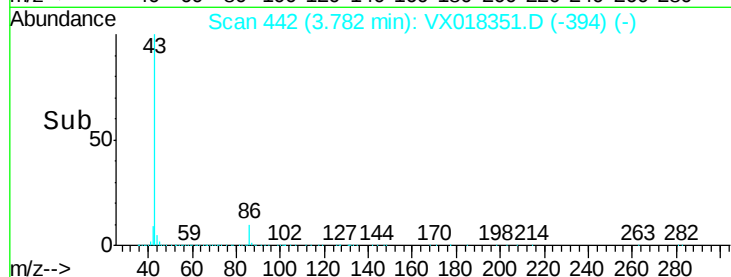
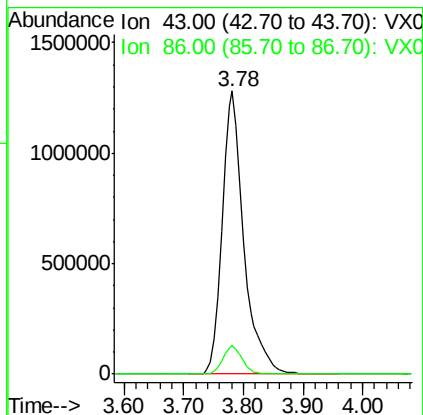
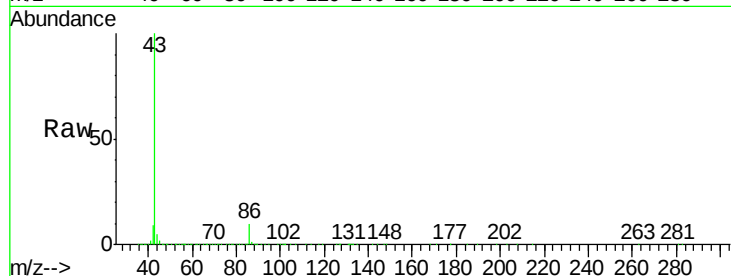
86 10.0 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.003 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

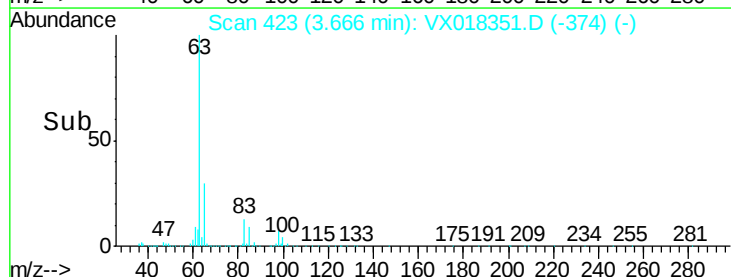
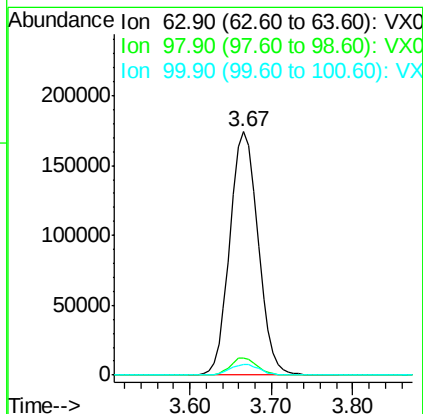
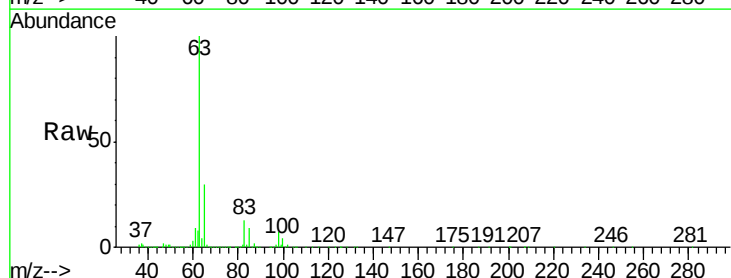
Tgt Ion: 63 Resp: 417726

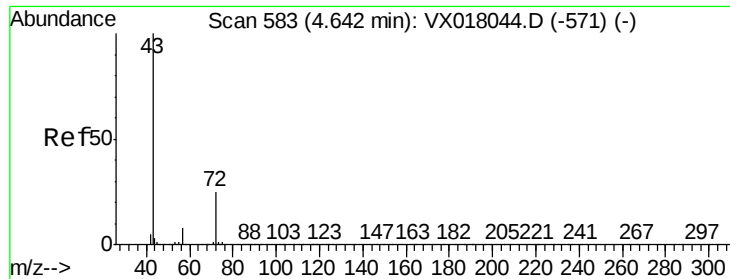
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 229.926 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 865685

Ion Ratio Lower Upper

43 100

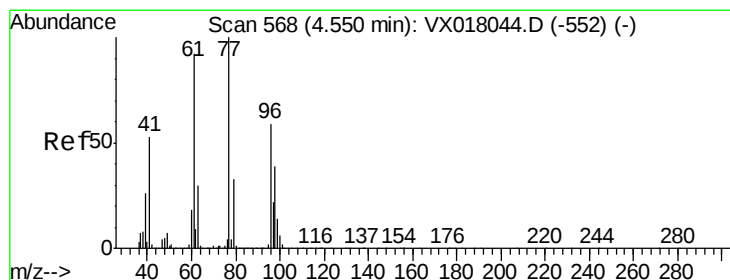
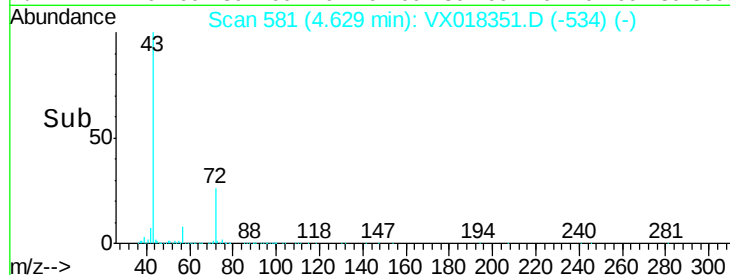
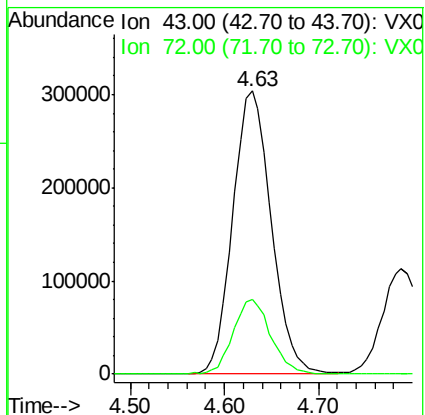
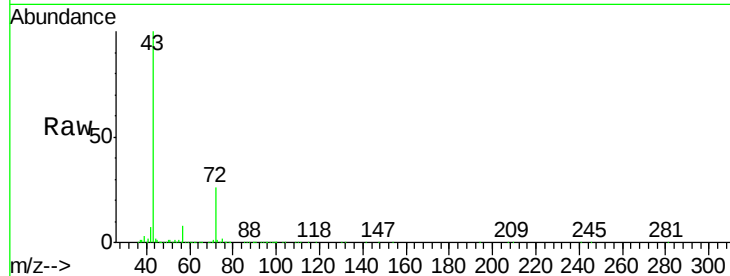
72 26.2 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 58.808 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018351.D

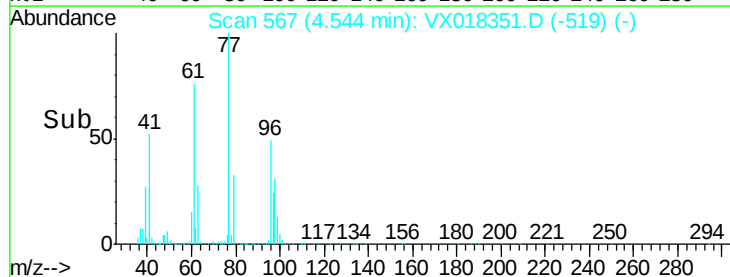
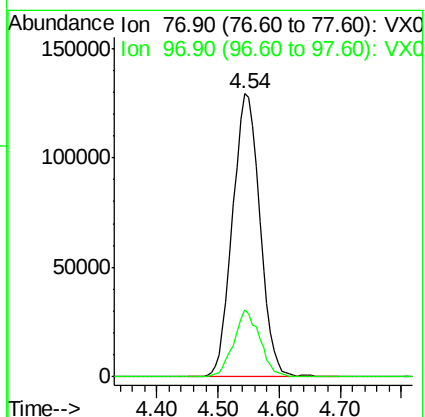
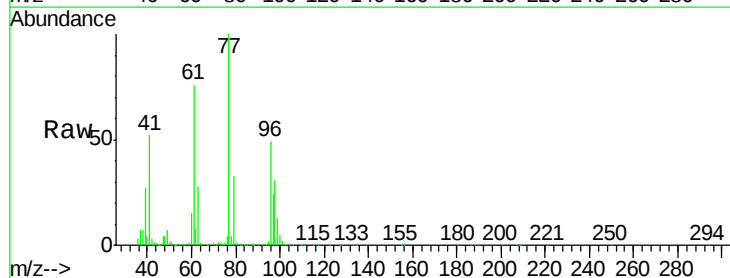
Acq: 11 Sep 2020 10:40

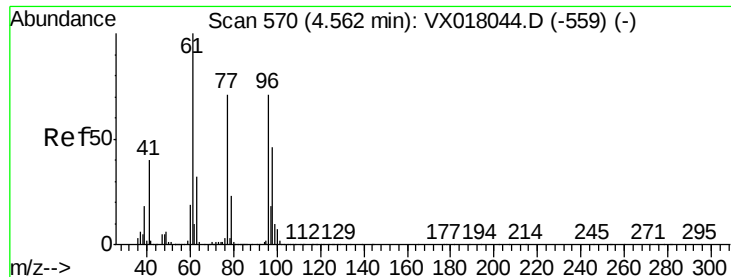
Tgt Ion: 77 Resp: 399733

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5





#27

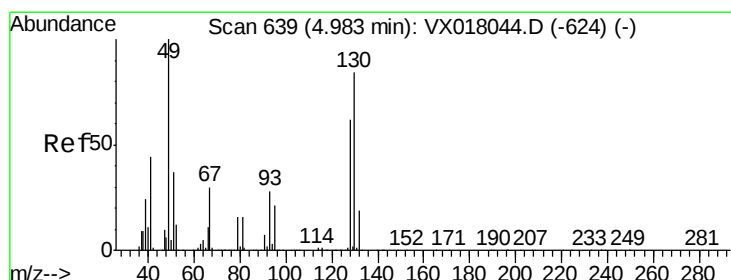
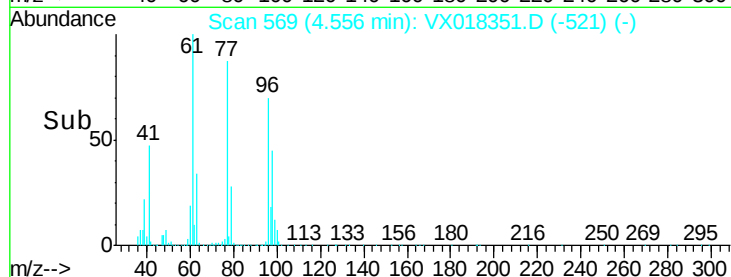
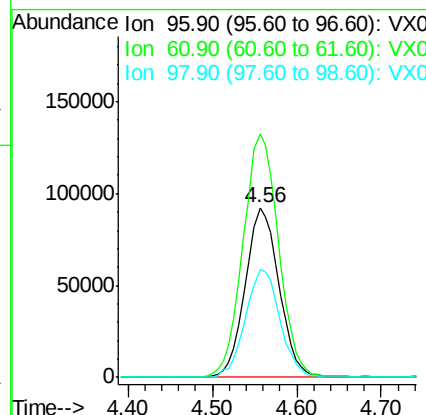
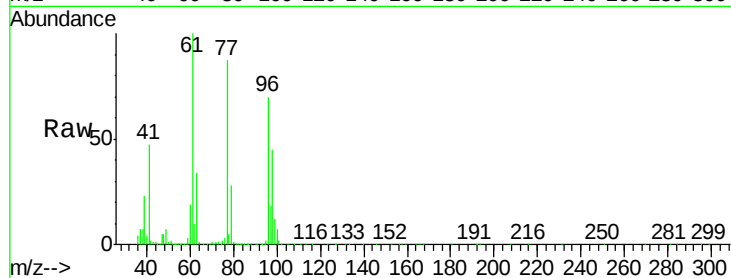
cis-1,2-Dichloroethene
Concen: 47.301 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249894		
61	151.8	0.0	296.6	
98	65.3	0.0	130.2	

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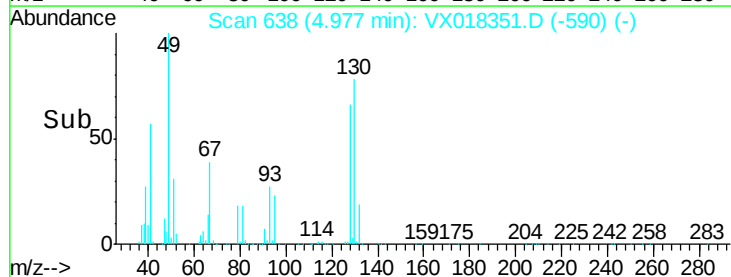
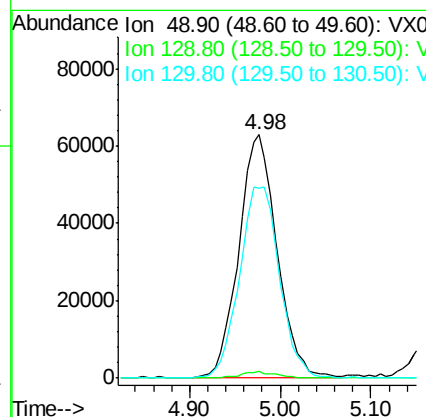
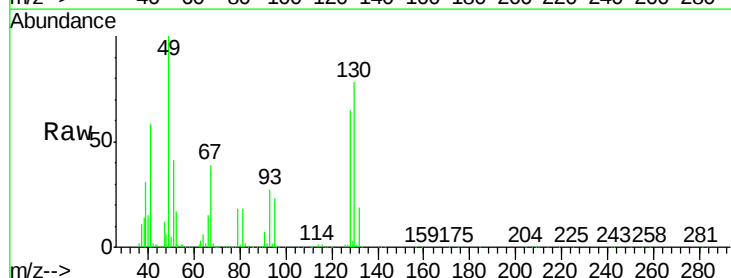
MMDadoda
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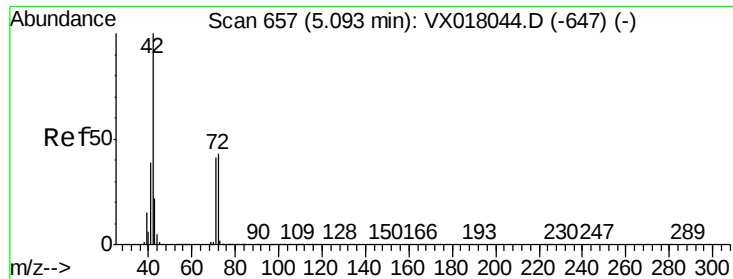


#28

Bromochloromethane
Concen: 45.680 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	184203		
129	2.5	0.0	4.6	
130	82.2	64.6	96.8	





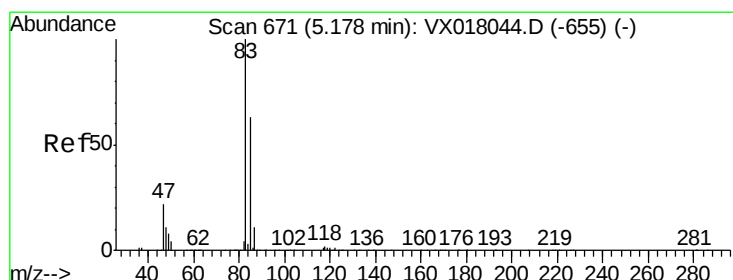
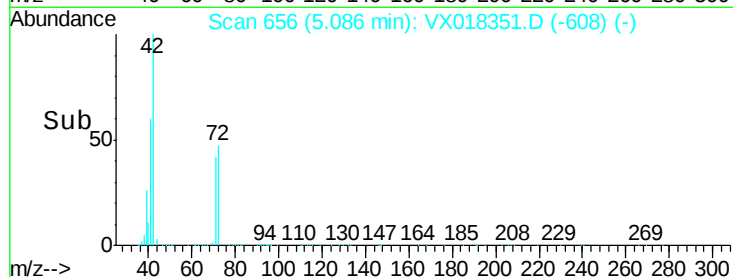
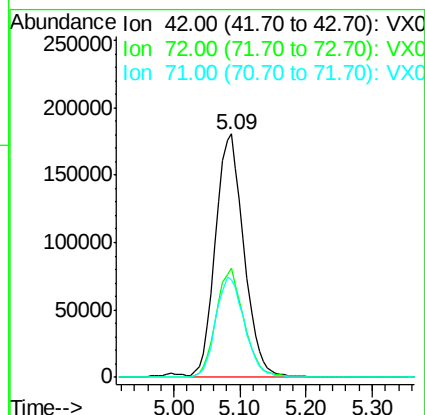
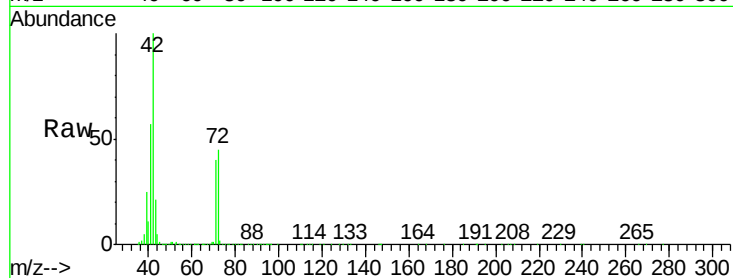
#29
Tetrahydrofuran
Concen: 224.939 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.2	51.4
71	41.4	32.1	48.1

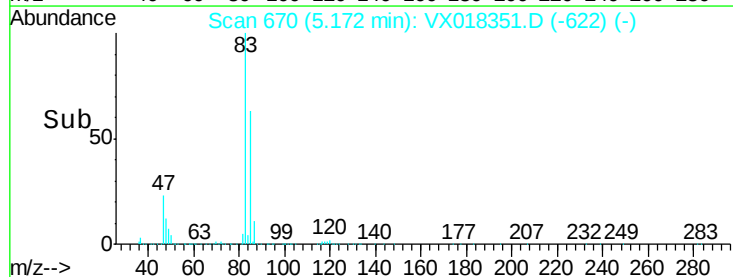
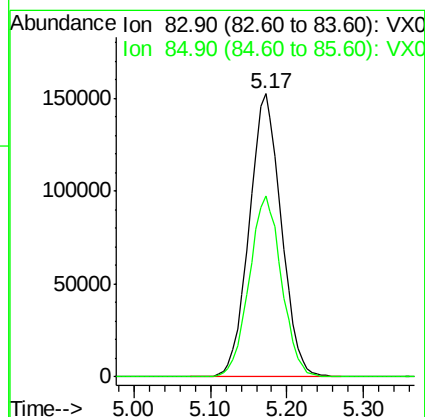
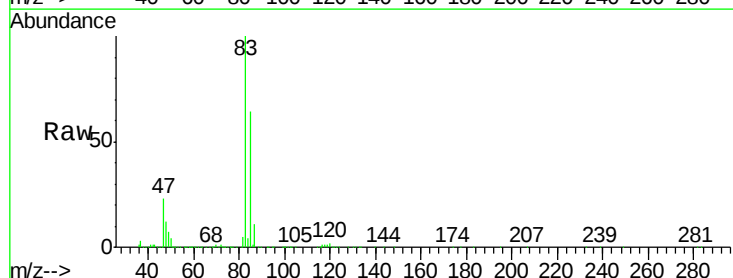
Manual Integrations
APPROVED

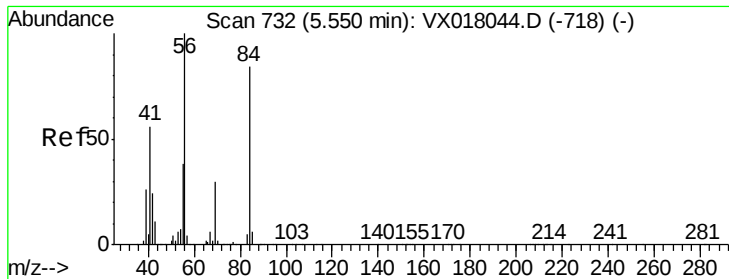
MMDadoda
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#30
Chloroform
Concen: 51.368 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1





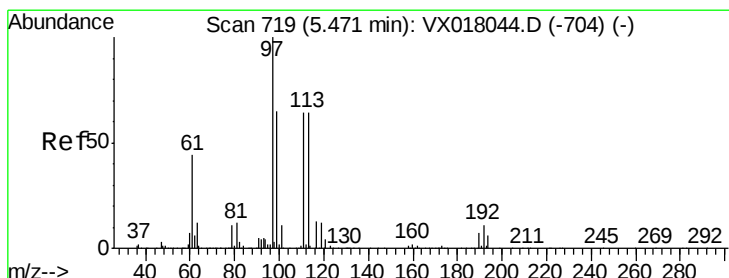
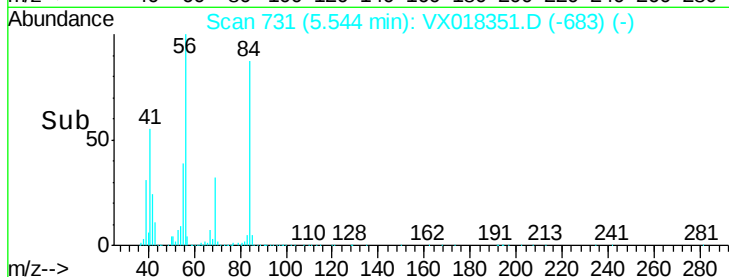
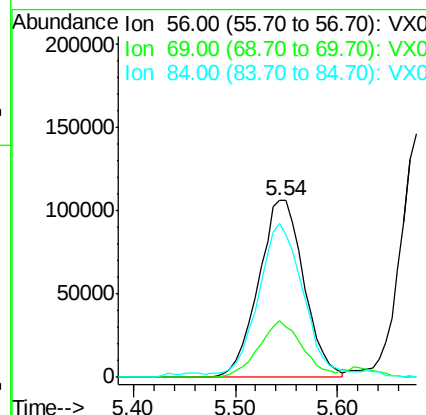
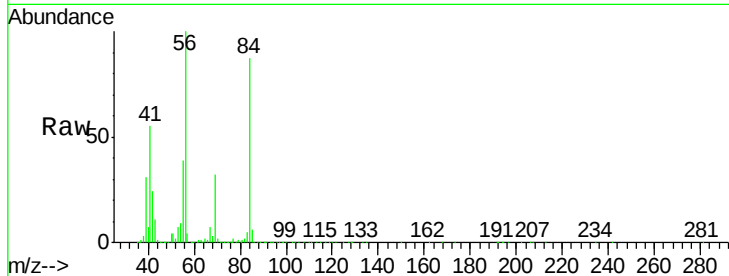
#31
Cyclohexane
Concen: 46.461 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.9	35.9
84	84.5	67.0	100.4

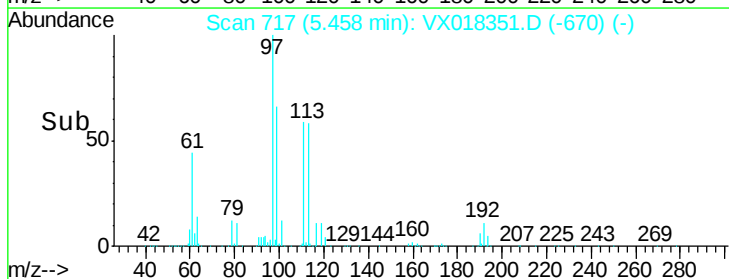
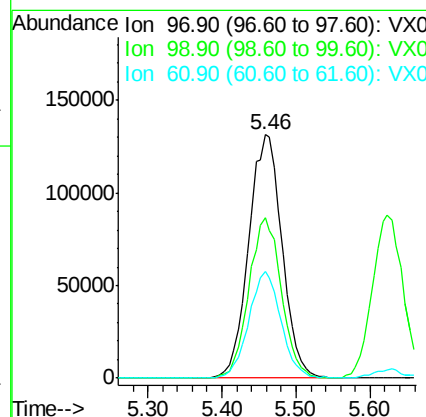
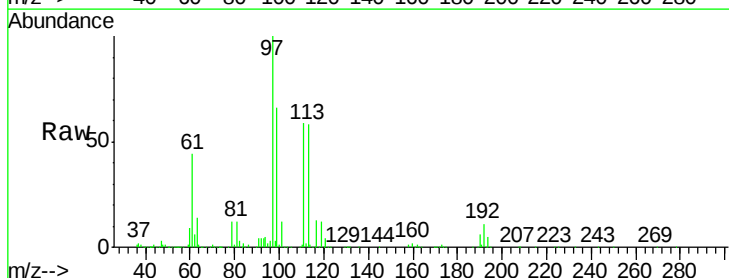
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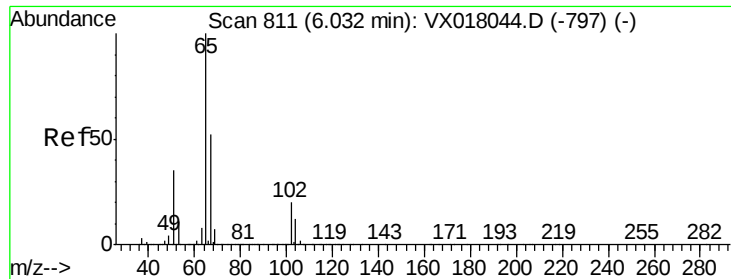
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#32
1,1,1-Trichloroethane
Concen: 52.016 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.2	34.2	51.4





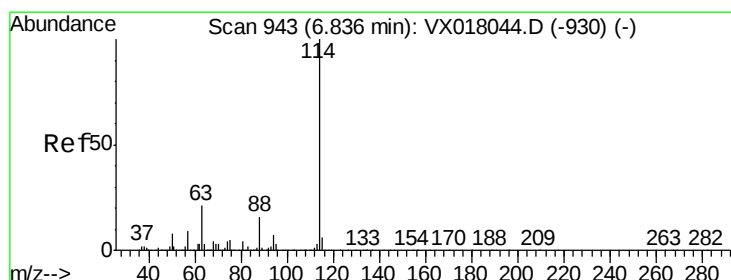
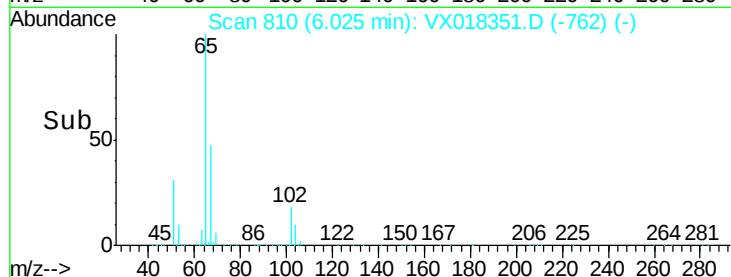
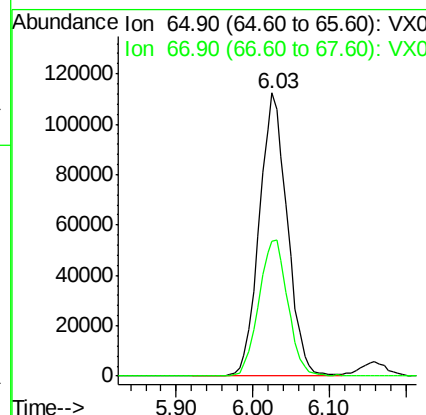
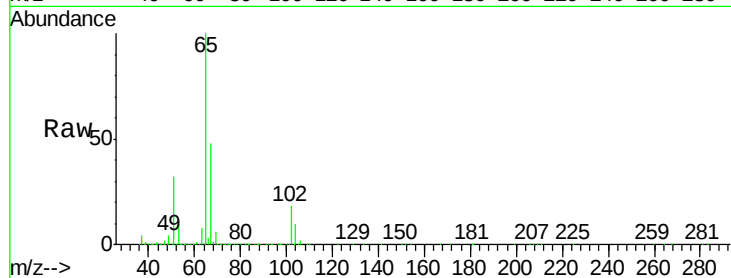
#33
 1,2-Dichloroethane-d4
 Concen: 48.821 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	287034		
67	49.5	0.0	105.8	

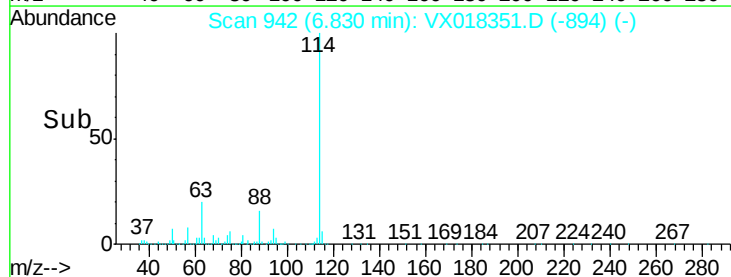
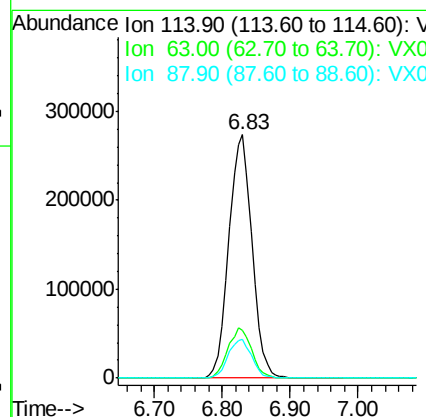
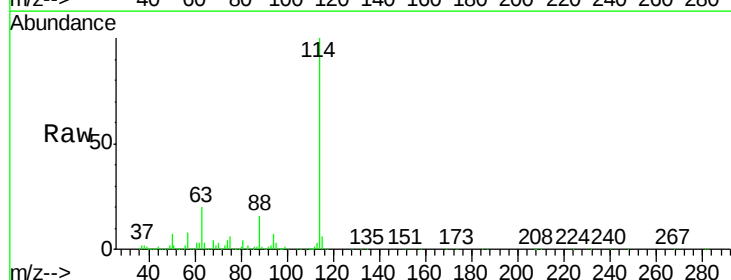
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	646047		
63	19.8	0.0	42.6	
88	15.8	0.0	31.8	





#35

Dibromofluoromethane

Concen: 49.563 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

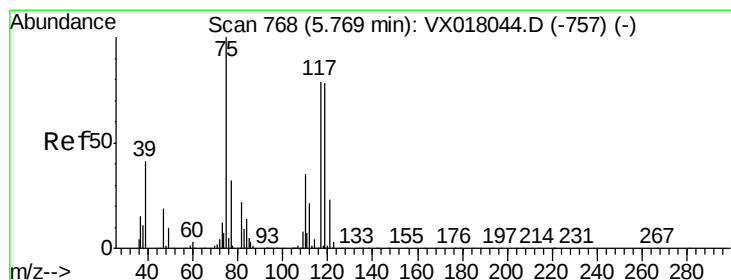
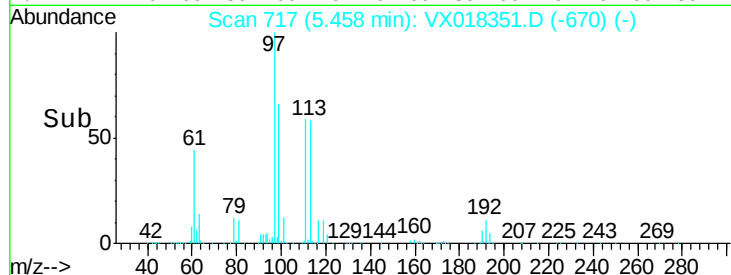
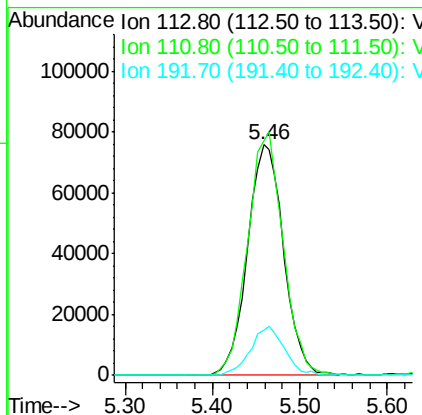
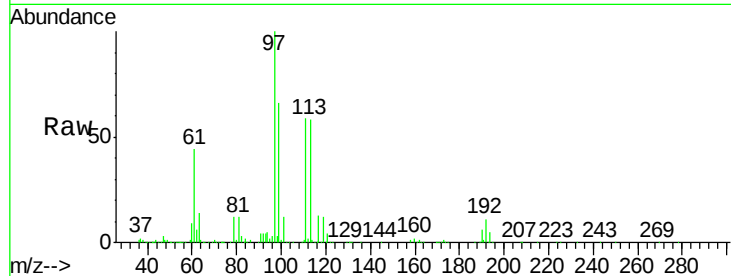
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	218072
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.6	122.4
192	20.1	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.061 ug/l

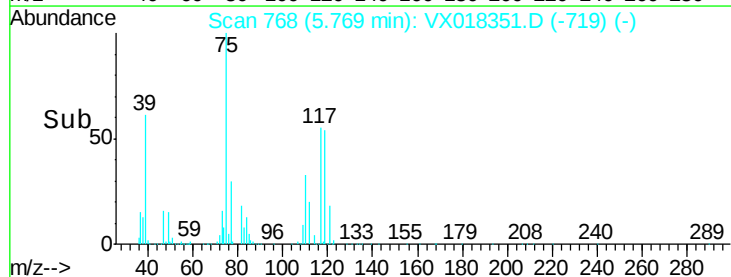
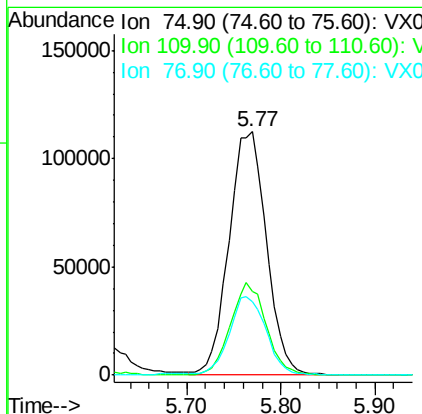
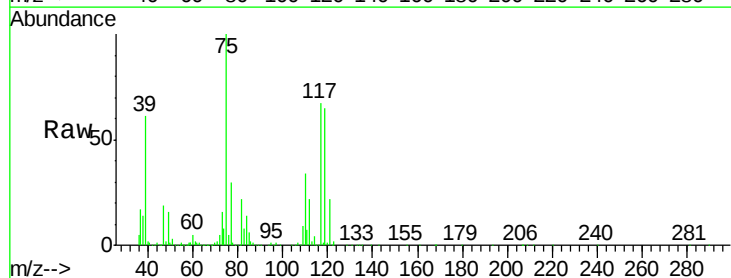
RT: 5.77 min Scan# 768

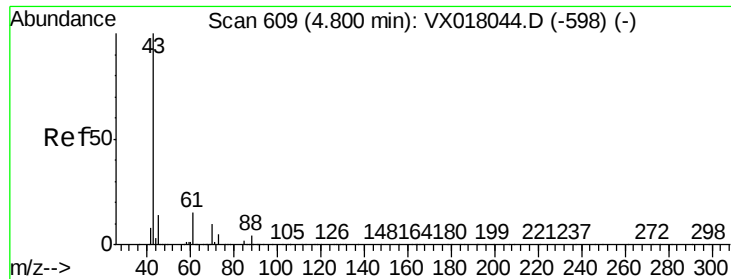
Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion:	75	Resp:	310223
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.0	54.0
77	31.8	24.4	36.6





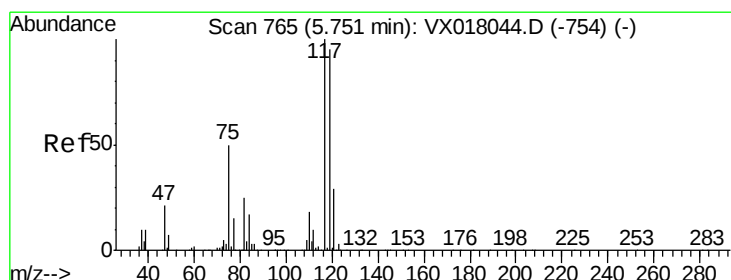
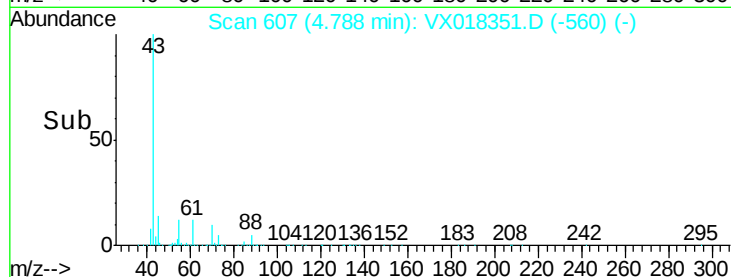
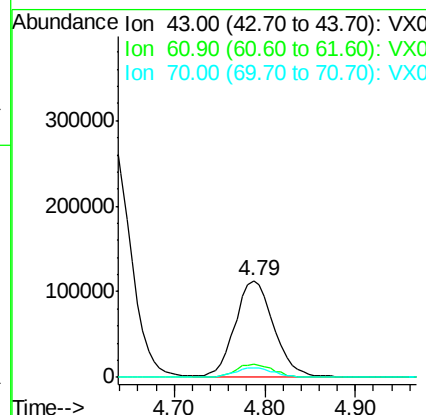
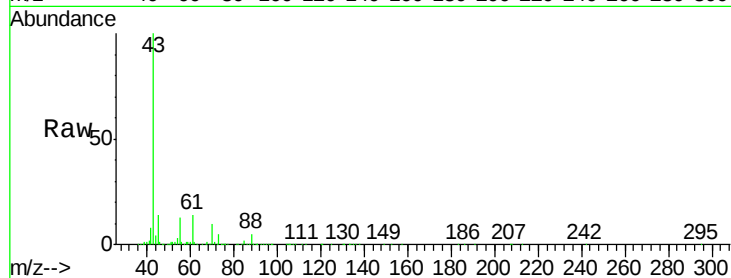
#37
Ethyl Acetate
Concen: 47.675 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.3	16.9
70	10.4	8.2	12.4

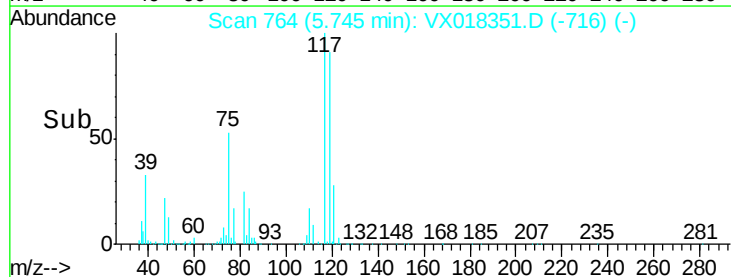
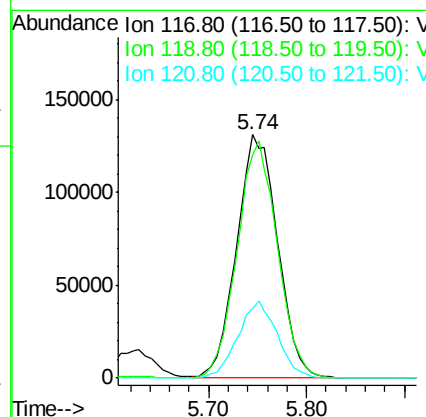
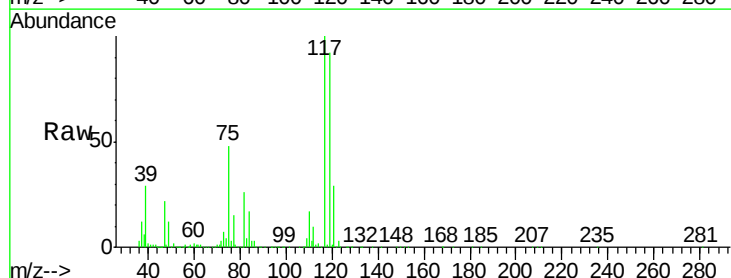
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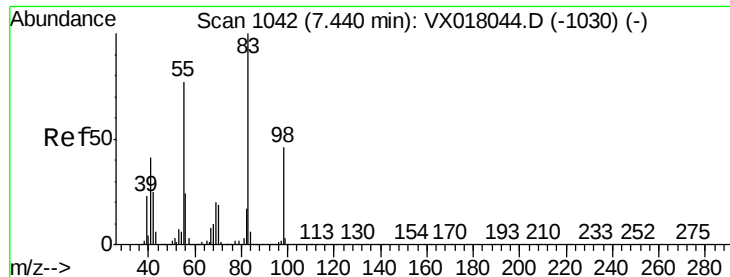
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#38
Carbon Tetrachloride
Concen: 56.688 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.8	113.6
121	28.7	23.4	35.0





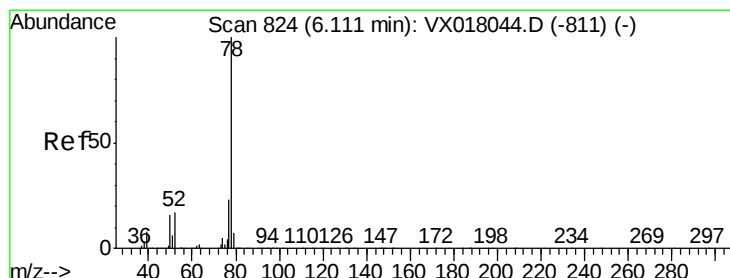
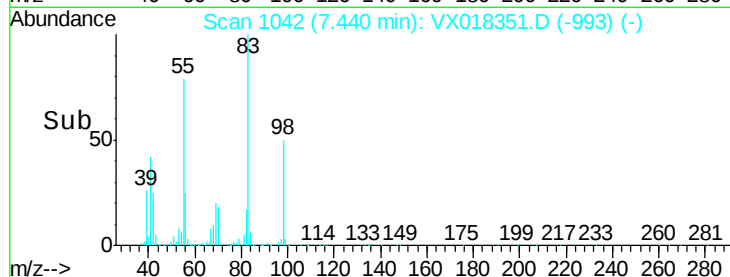
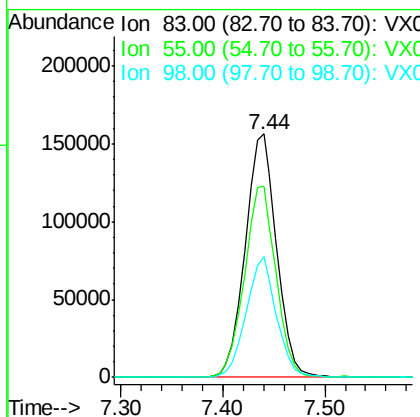
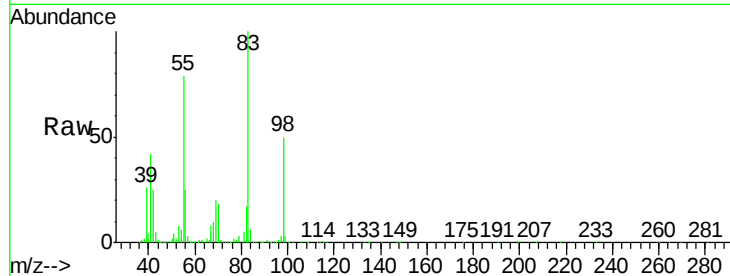
#39
Methvlcvclohexane
Concen: 51.337 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.8	92.6
98	49.8	36.6	55.0

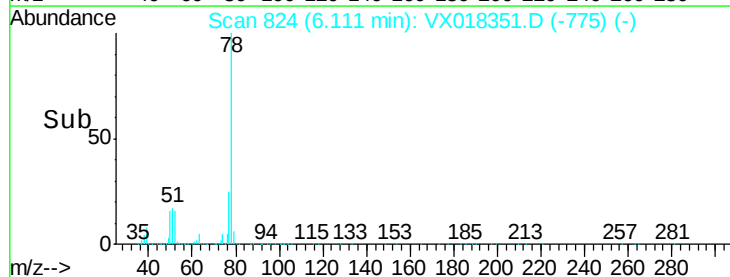
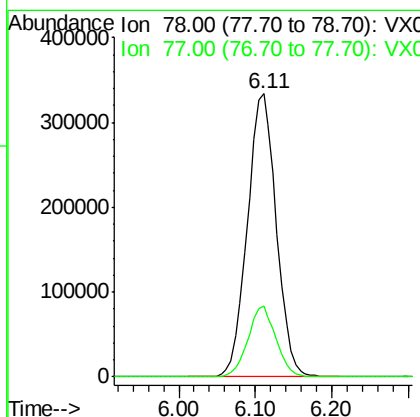
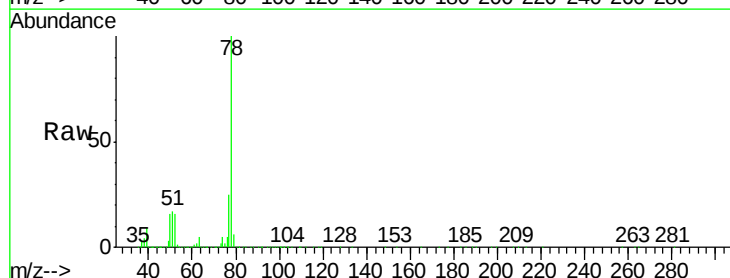
Manual Integrations
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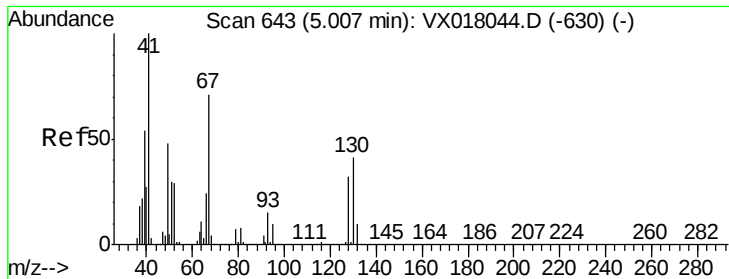
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#40
Benzene
Concen: 50.264 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.2	27.2





#41

Methacrylonitrile

Concen: 48.620 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

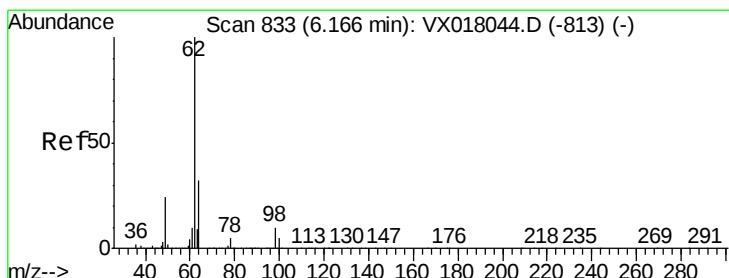
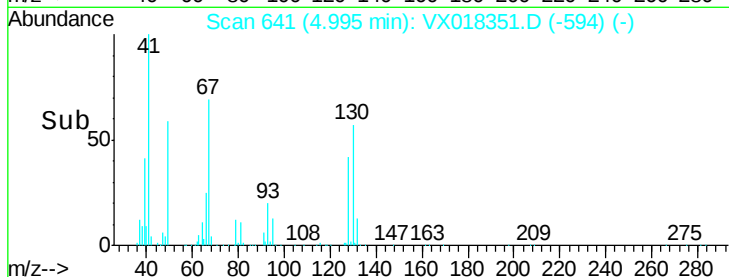
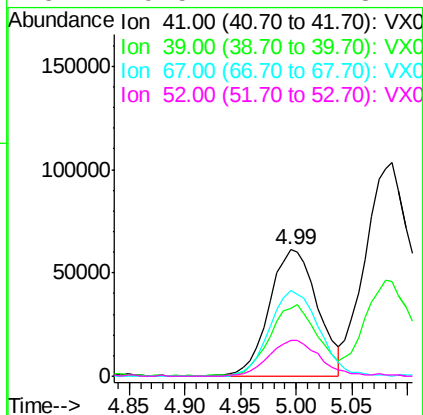
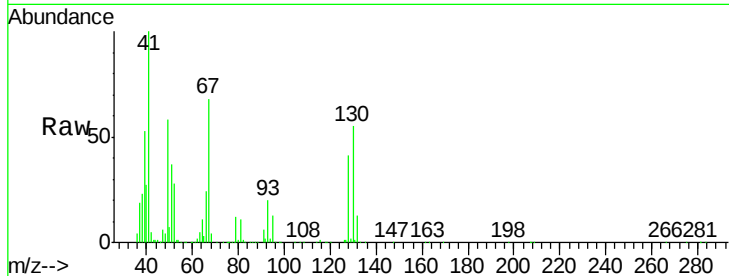
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		184756		
39	56.7	43.1	64.7		
67	69.4	56.0	84.0		
52	29.5	22.7	34.1		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 55.541 ug/l

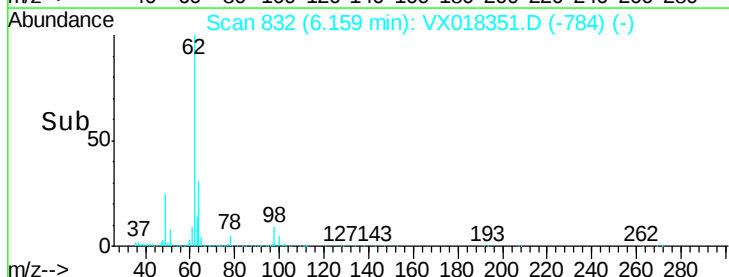
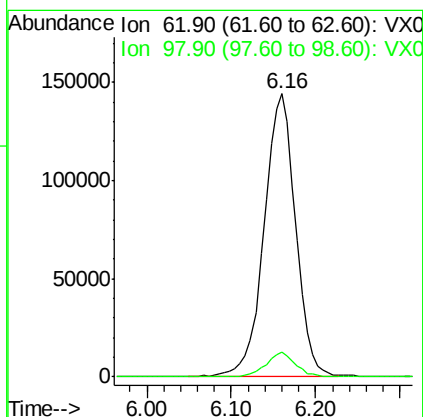
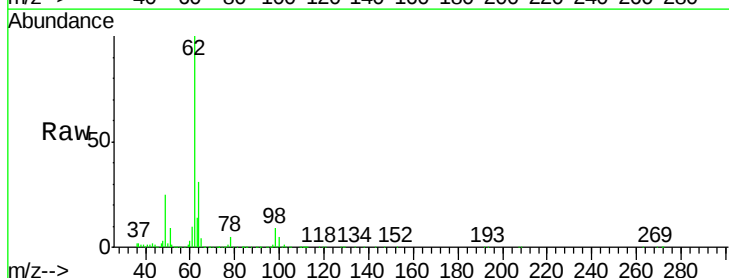
RT: 6.16 min Scan# 832

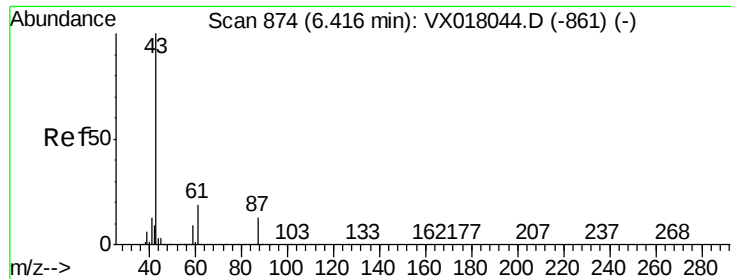
Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		372595		
98	8.2	0.0	18.2		





#43

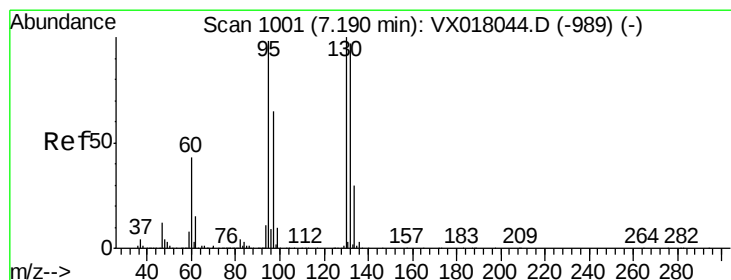
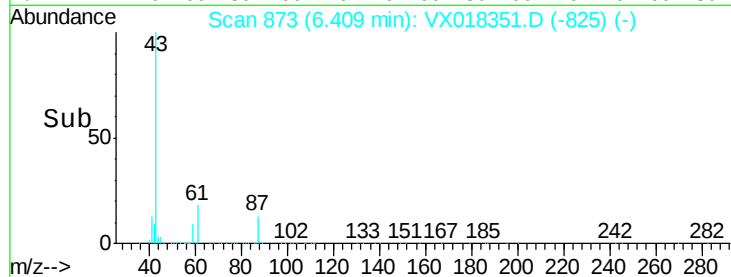
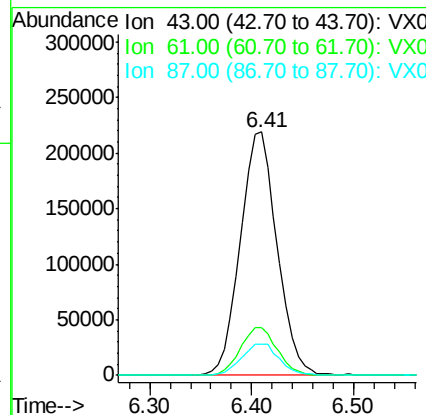
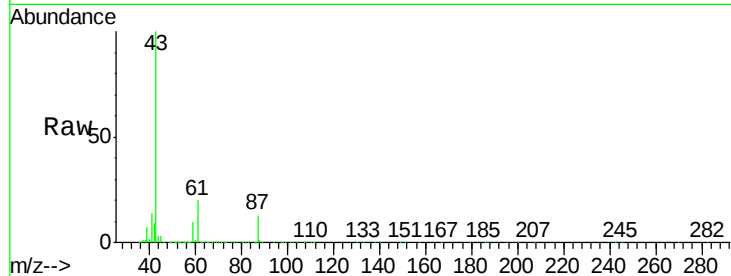
Isopropyl Acetate
 Concen: 48.905 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.4	10.3	15.5

Manual Integrations
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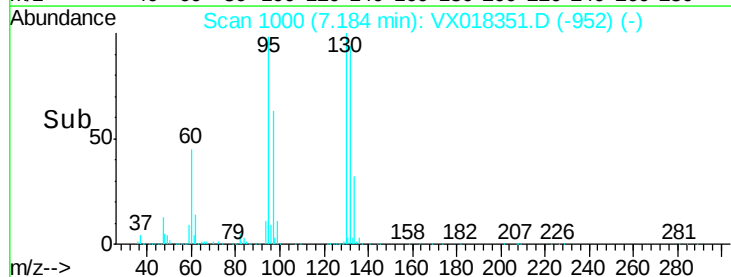
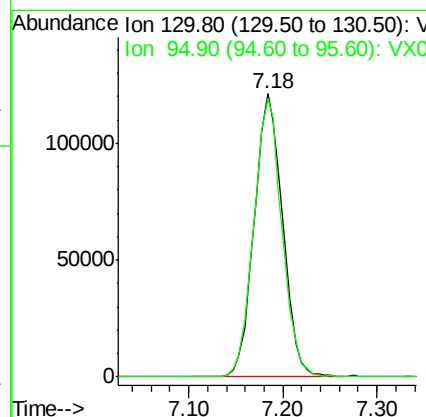
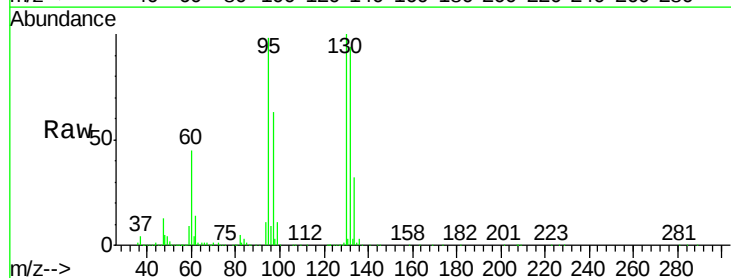
MMDadoda
 9/14/2020 12:09:45 PM

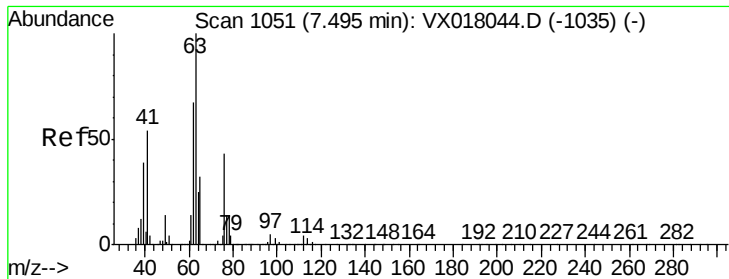


#44

Trichloroethene
 Concen: 51.815 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	196.4





#45

1,2-Dichloropropane

Concen: 50.534 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 238473

Ion Ratio Lower Upper

63 100

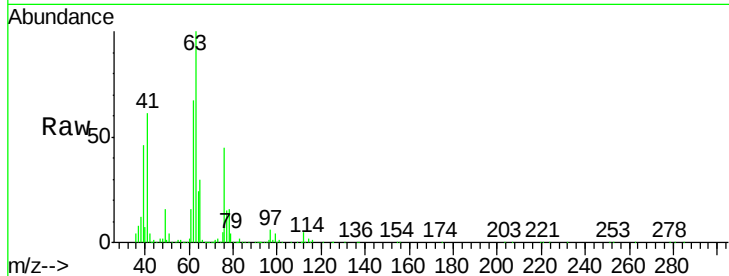
65 29.8 25.7 38.5

Manual Integrations

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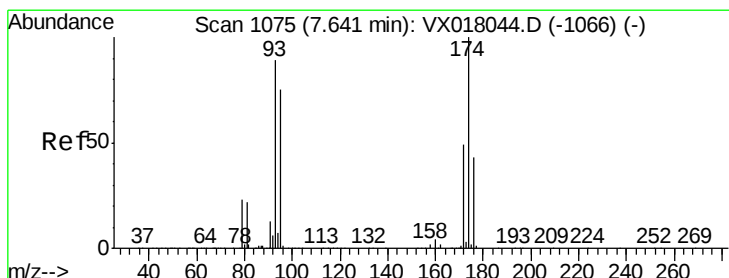
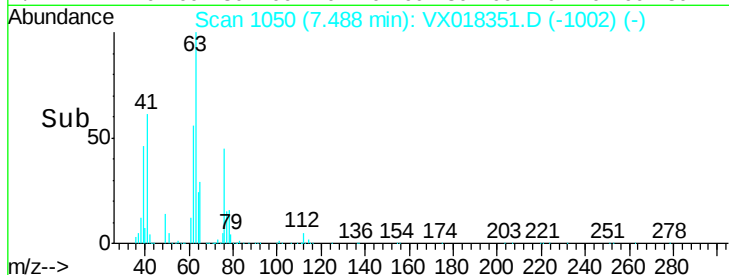
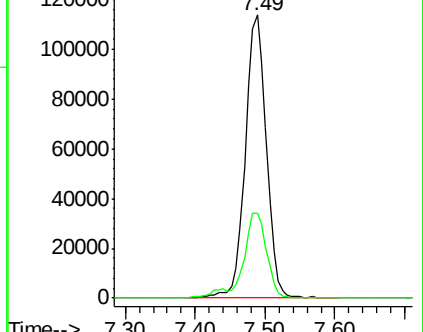
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.452 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

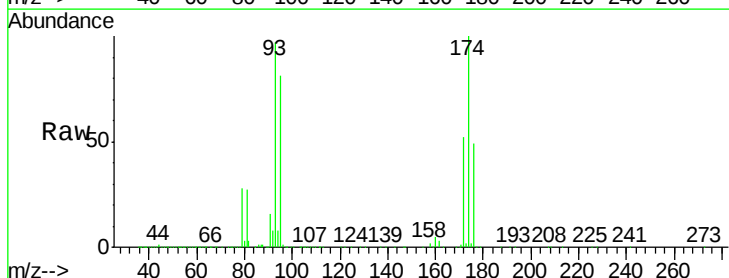
Tgt Ion: 93 Resp: 170743

Ion Ratio Lower Upper

93 100

95 82.5 67.3 100.9

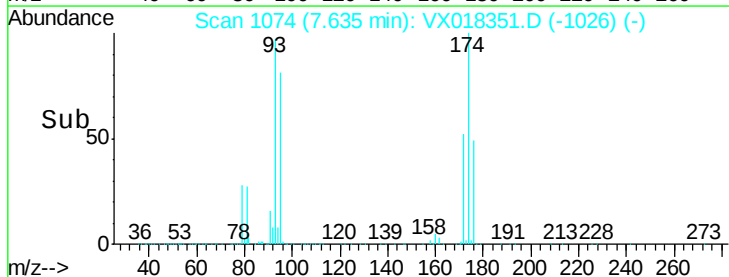
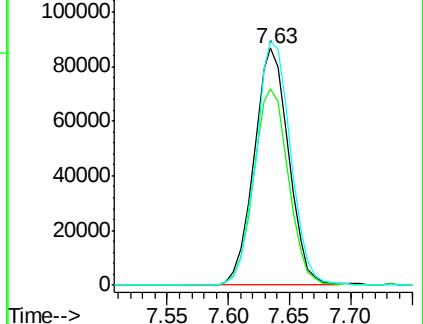
174 103.4 82.2 123.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.203 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

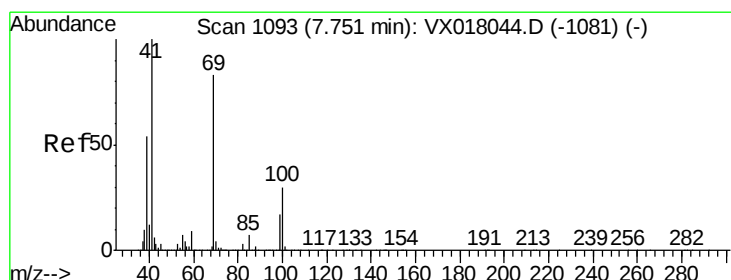
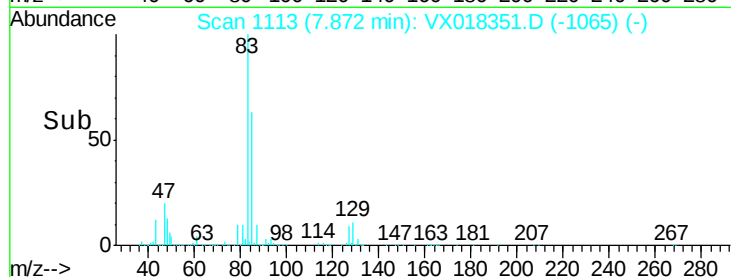
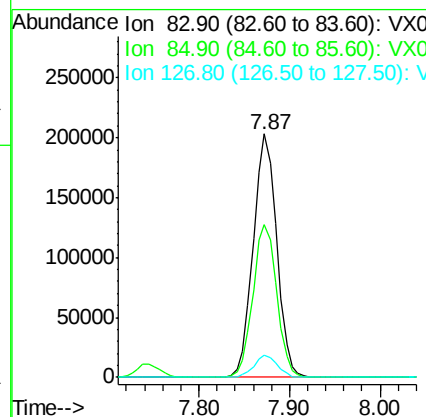
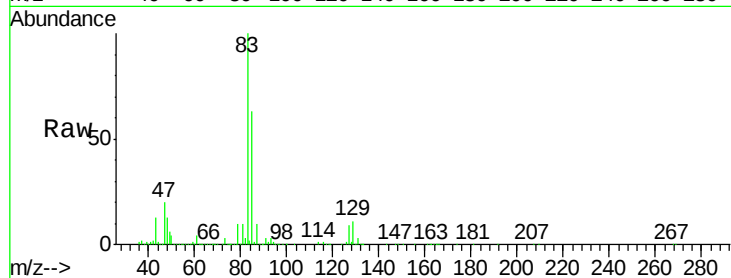
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	365780
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.747 ug/l

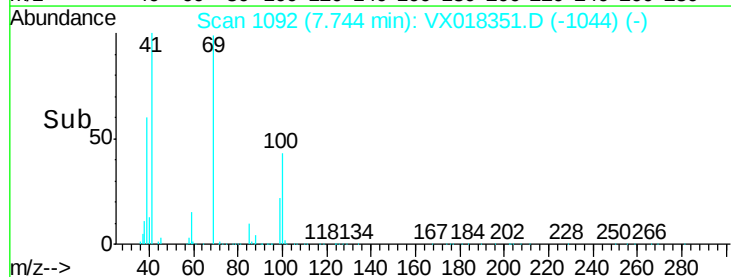
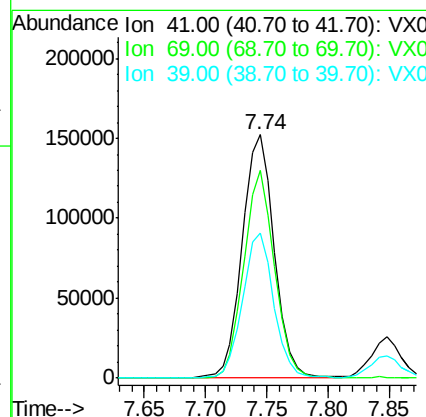
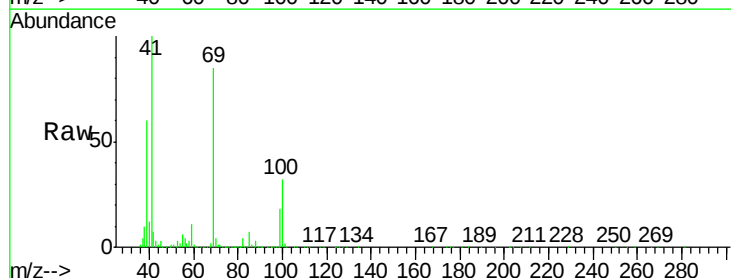
RT: 7.74 min Scan# 1092

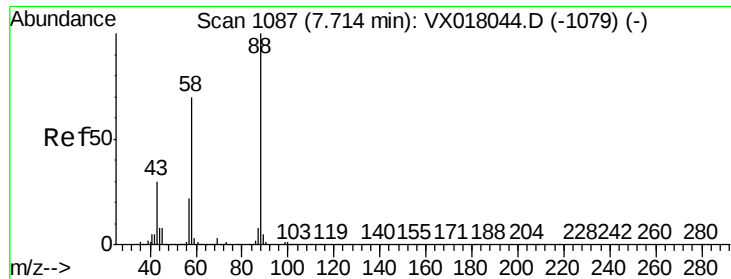
Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion:	41	Resp:	276824
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.5	98.3
39	57.8	44.5	66.7





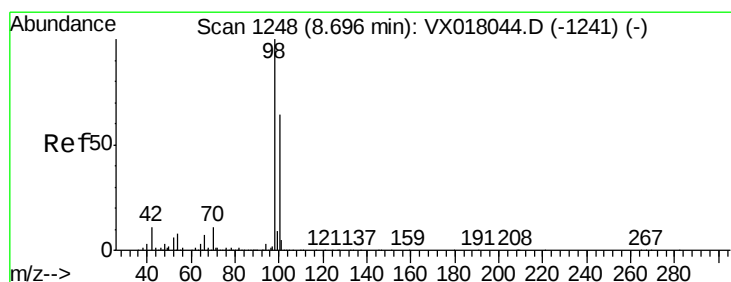
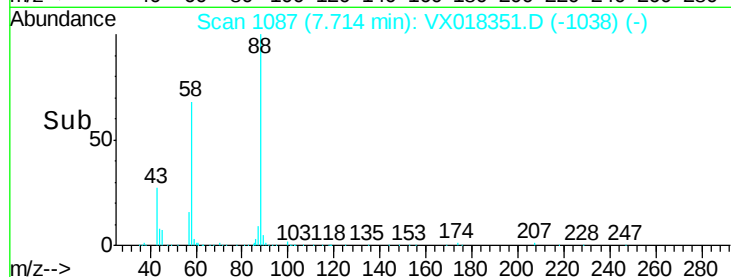
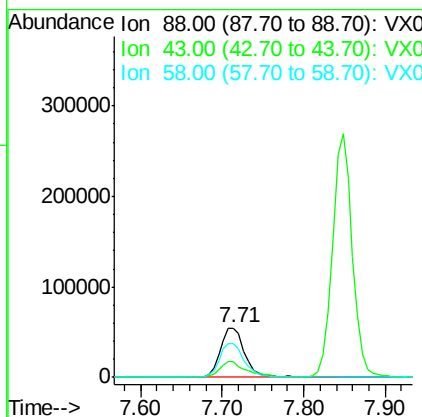
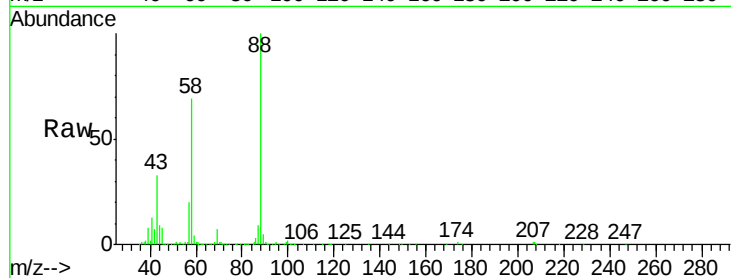
#49
1,4-Dioxane
Concen: 1140.655 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	27.4	41.0
58	69.9	56.4	84.6

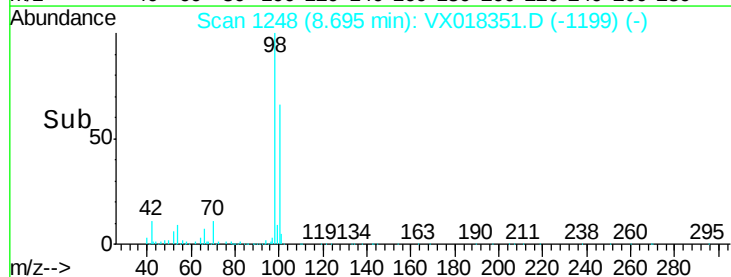
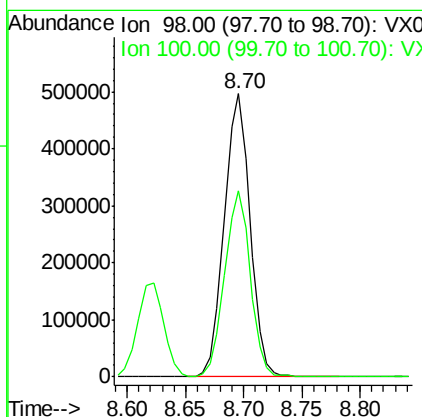
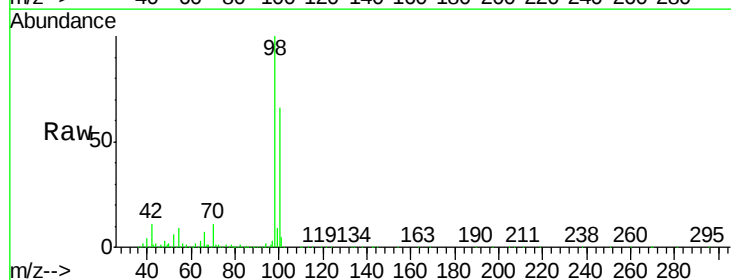
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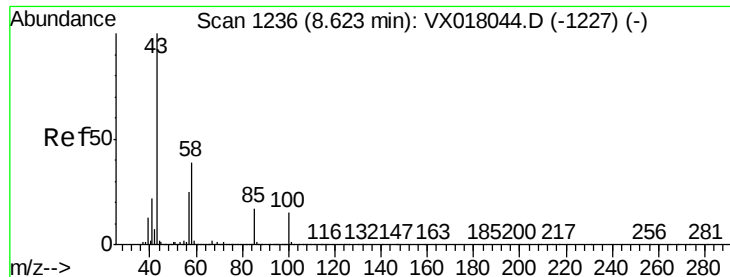
MMDadoda
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#50
Toluene-d8
Concen: 46.601 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 248.914 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1718744

Ion Ratio Lower Upper

43 100

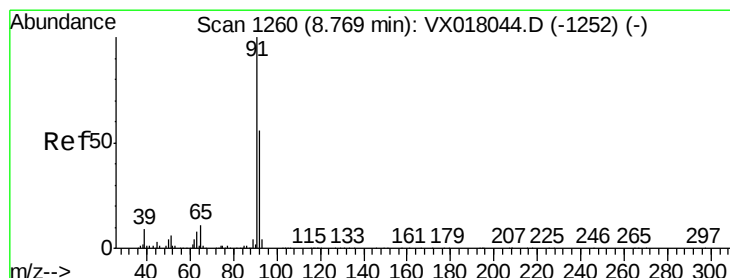
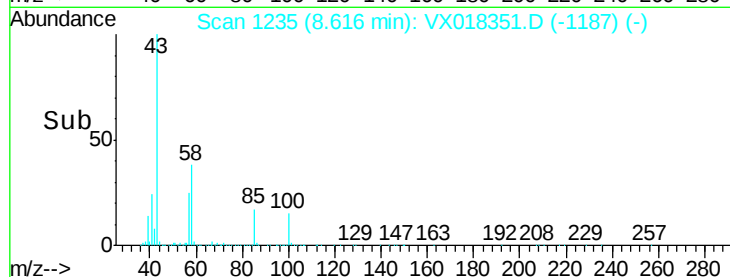
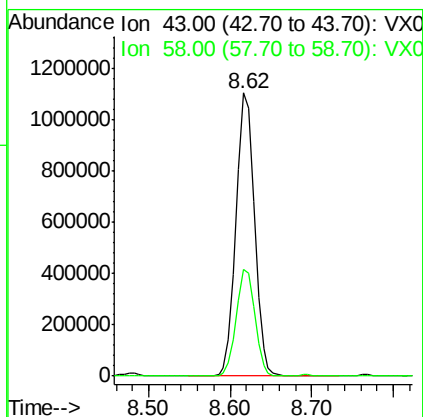
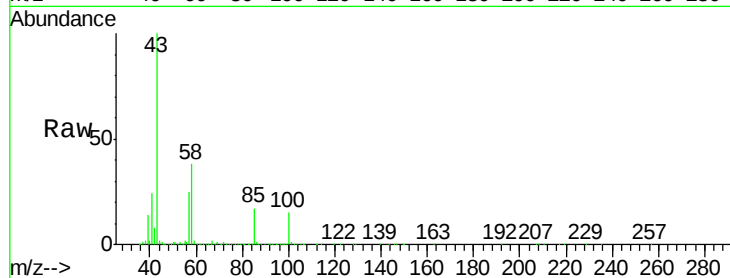
58 37.9 30.7 46.1

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#52

Toluene

Concen: 51.464 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018351.D

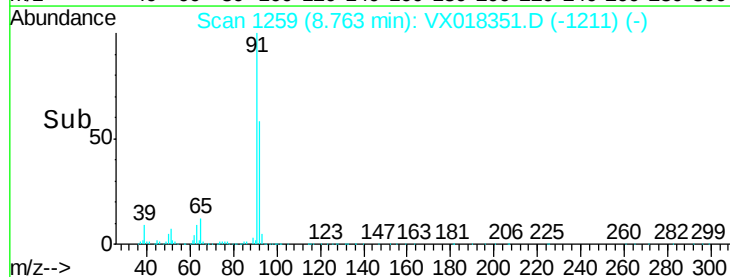
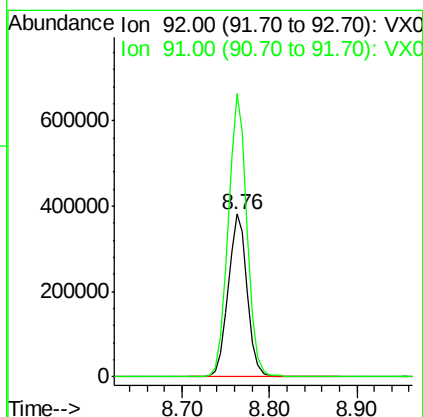
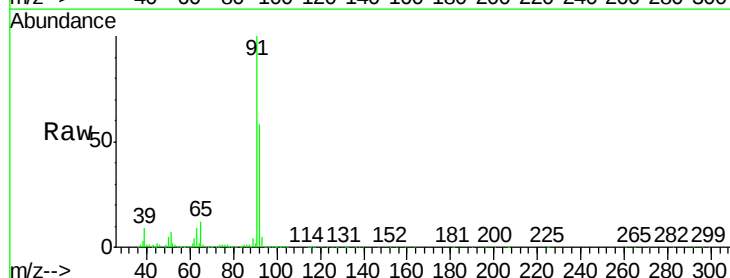
Acq: 11 Sep 2020 10:40

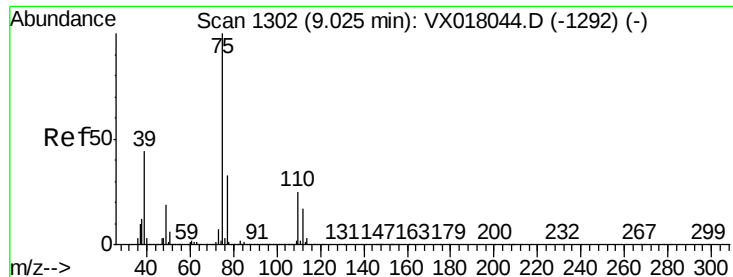
Tgt Ion: 92 Resp: 571387

Ion Ratio Lower Upper

92 100

91 171.7 140.3 210.5





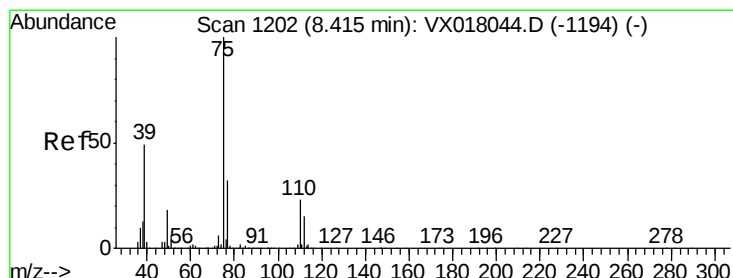
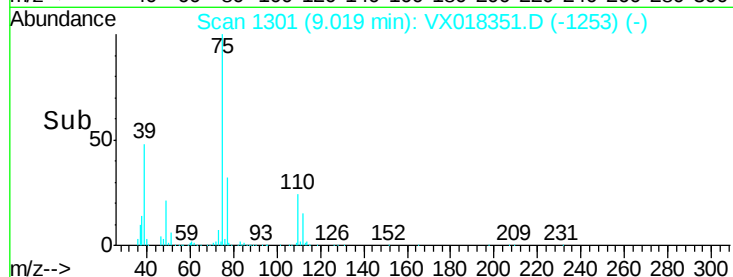
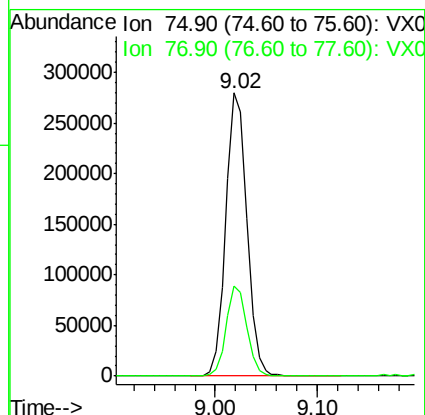
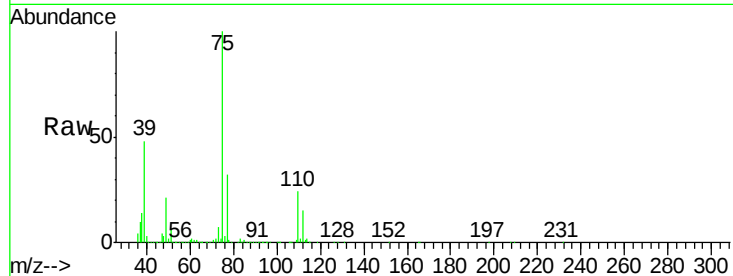
#53
 t-1,3-Dichloropropene
 Concen: 54.844 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 402759
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 39.8

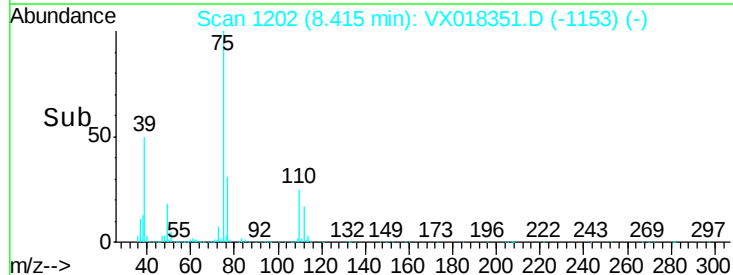
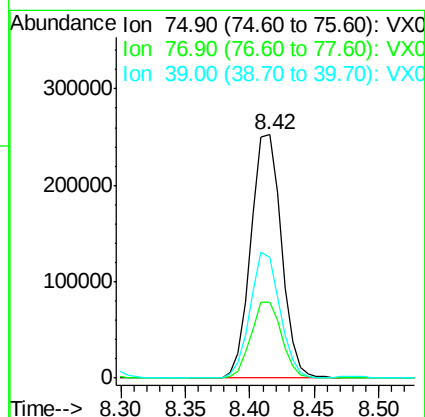
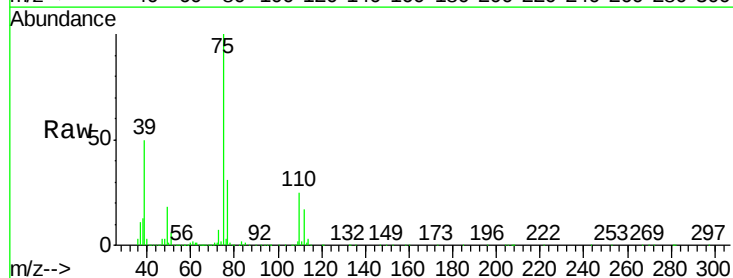
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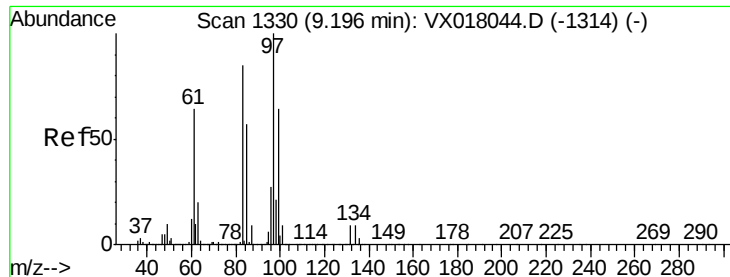
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#54
 cis-1,3-Dichloropropene
 Concen: 53.020 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion: 75 Resp: 412461
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 39 49.5 38.8 58.2





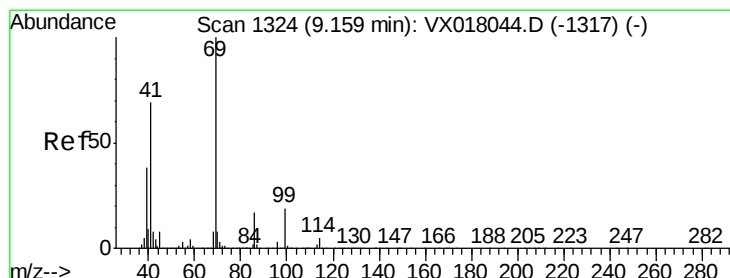
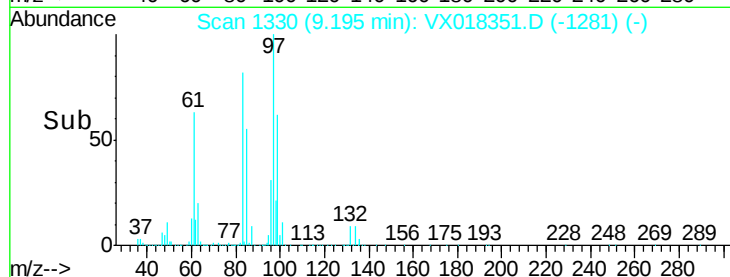
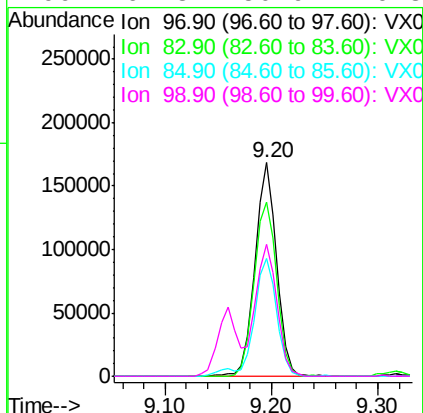
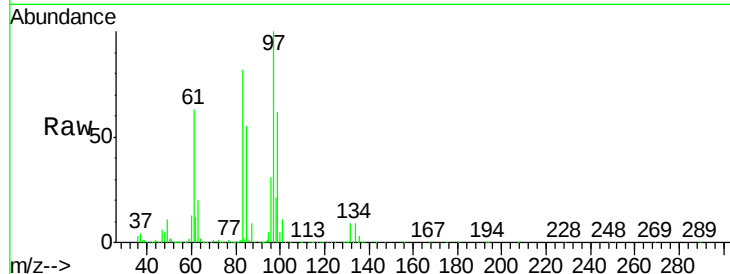
#55
 1,1,2-Trichloroethane
 Concen: 50.725 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		240189		
83	81.6	67.8	101.6		
85	54.9	45.3	67.9		
99	61.8	50.9	76.3		

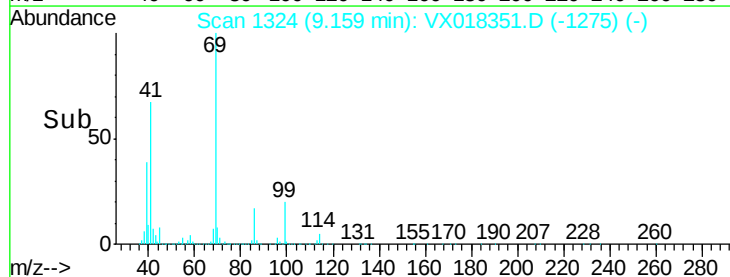
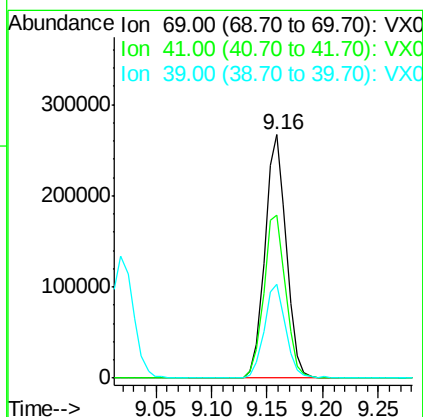
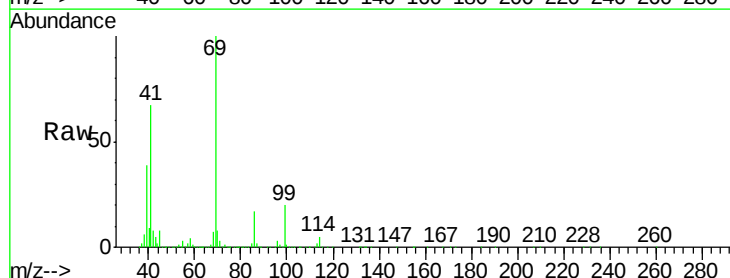
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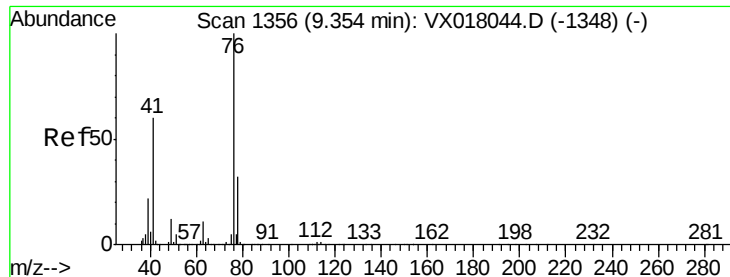
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#56
 Ethyl methacrylate
 Concen: 50.961 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		358732		
41	68.8	54.6	81.8		
39	38.7	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 50.677 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 395785

Ion Ratio Lower Upper

76 100

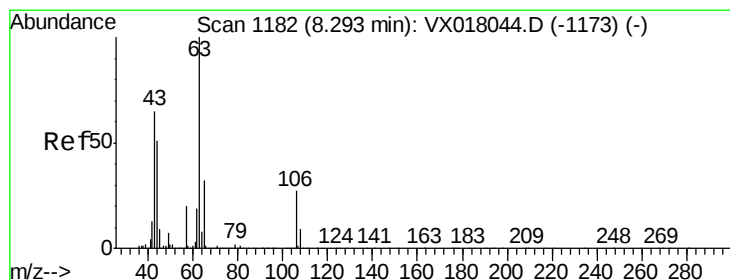
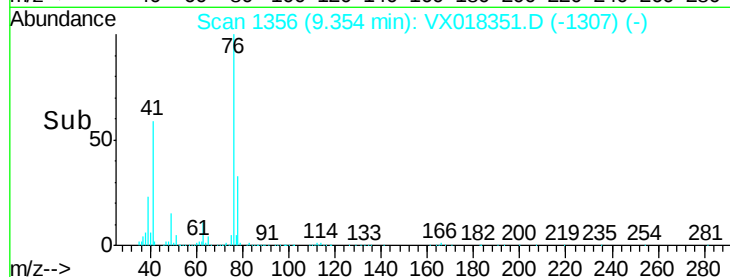
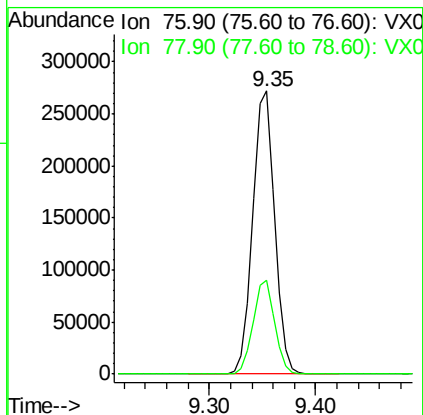
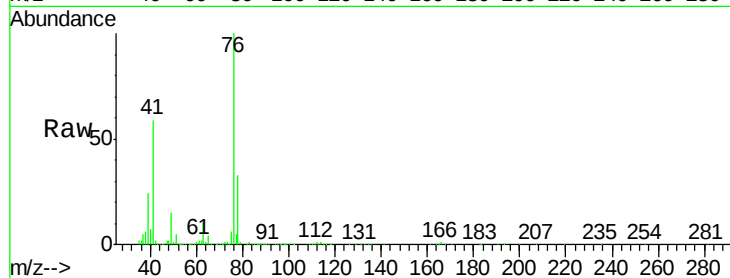
78 32.6 25.8 38.6

Manual Integrations

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9/14/2020 12:09:45 PM



#58

2-Chloroethyl Vinyl ether

Concen: 268.429 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018351.D

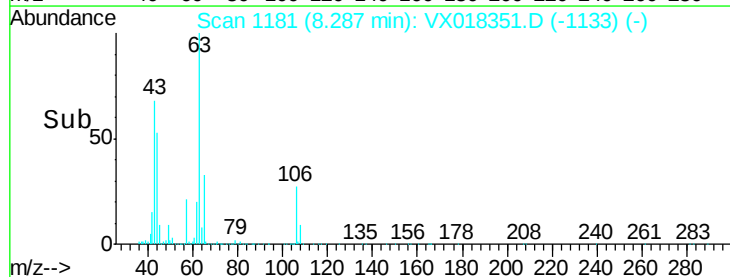
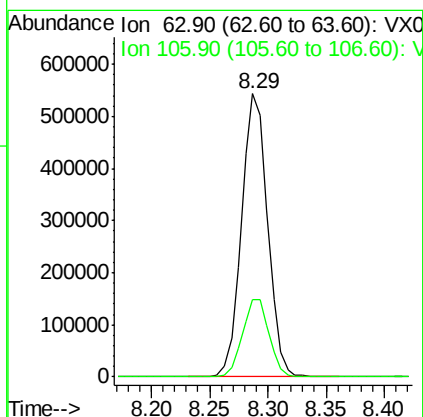
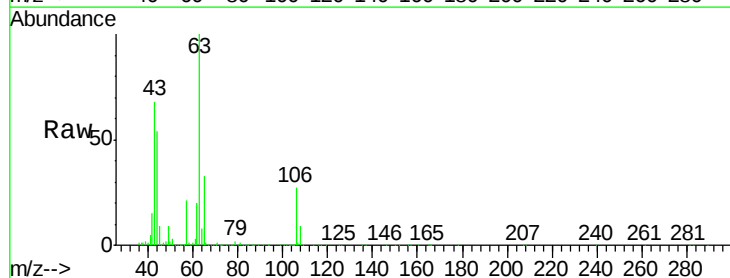
Acq: 11 Sep 2020 10:40

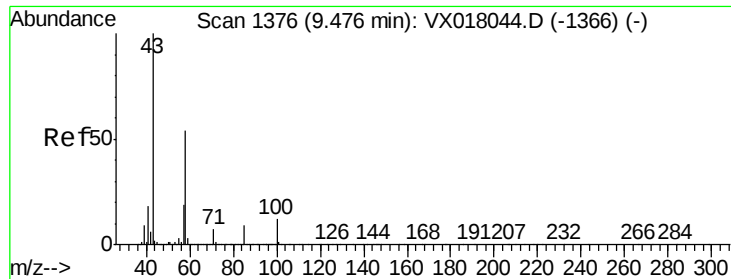
Tgt Ion: 63 Resp: 850010

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1





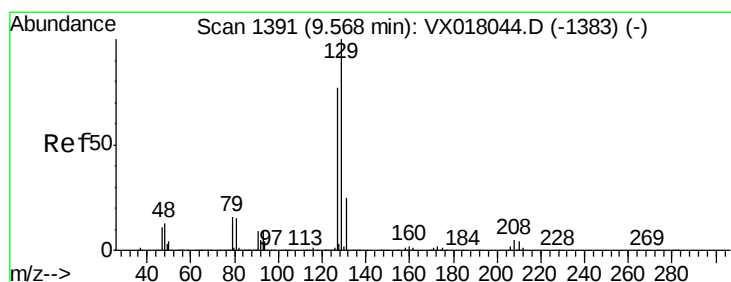
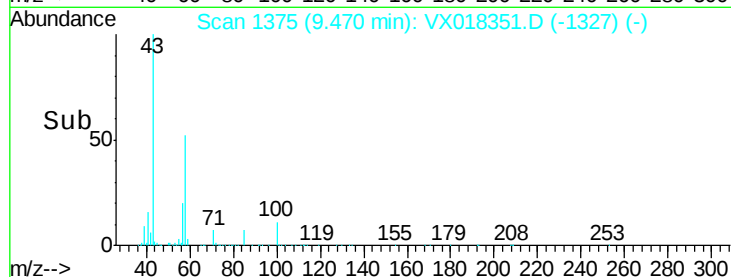
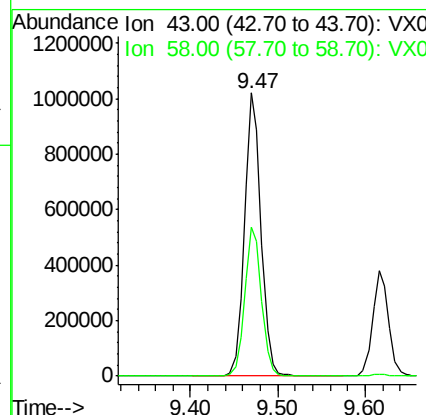
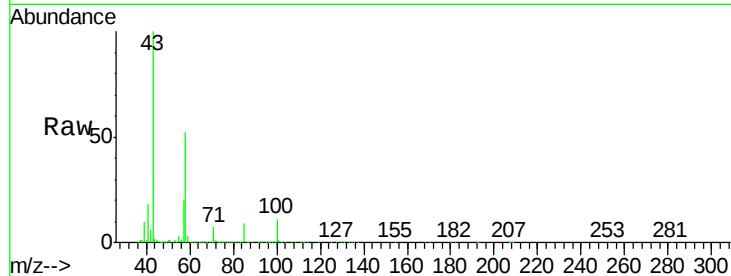
#59
2-Hexanone
Concen: 255.787 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1342992
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7

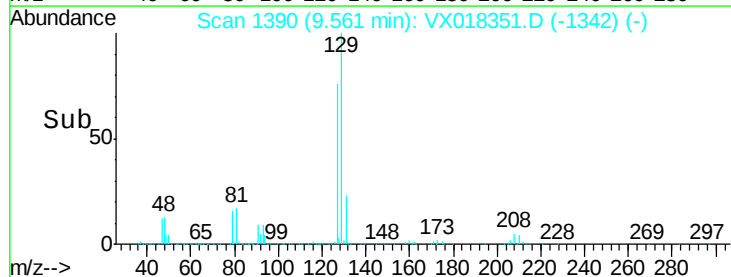
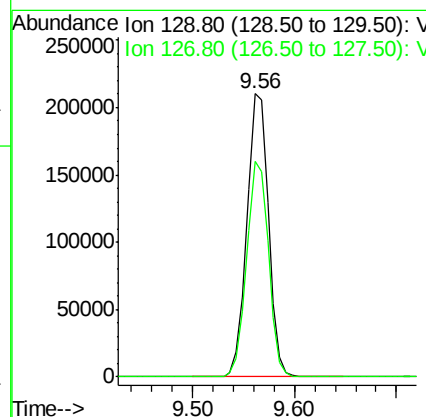
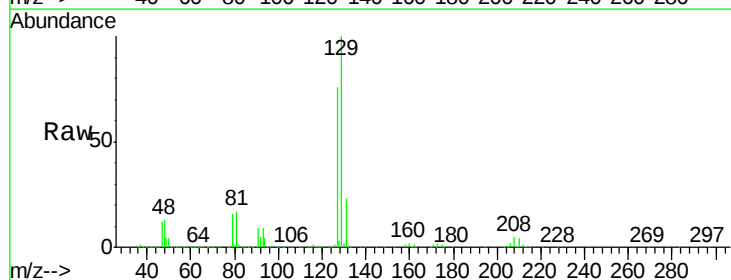
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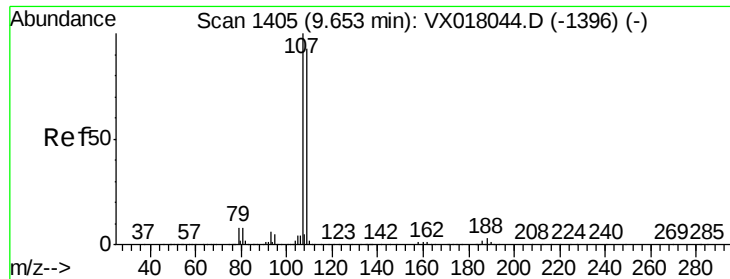
MMDadoda
9/14/2020 12:09:45 PM



#60
Dibromochloromethane
Concen: 55.385 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion: 129 Resp: 307652
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.962 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 261984

Ion Ratio Lower Upper

107 100

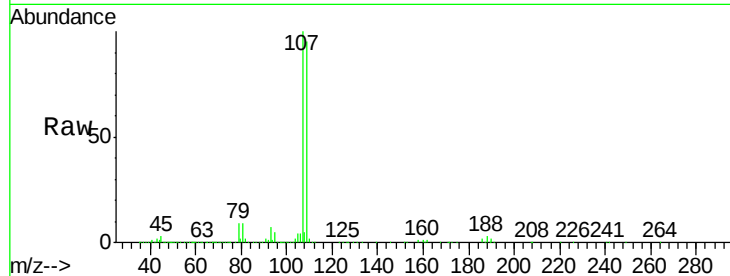
109 95.9 75.9 113.9

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

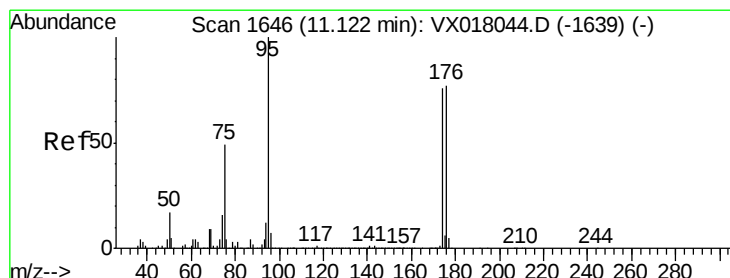
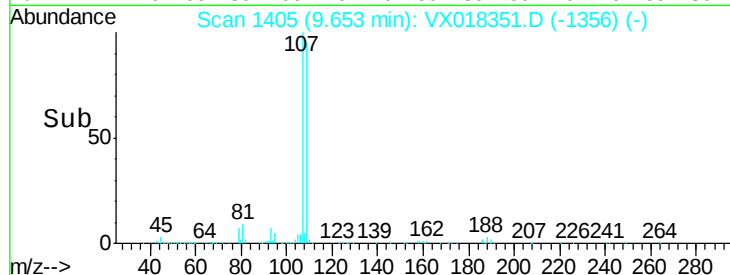
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.453 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

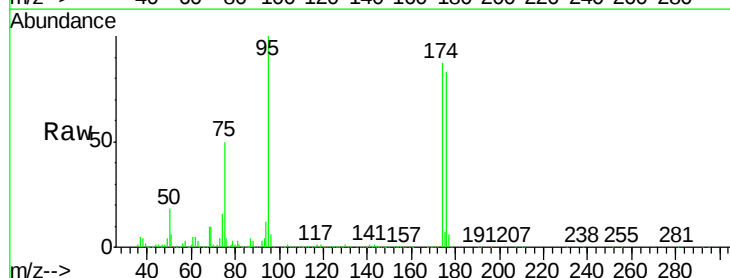
Tgt Ion: 95 Resp: 325296

Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.2

176 79.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

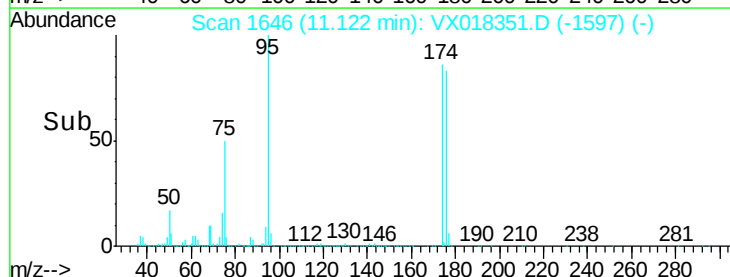
300000

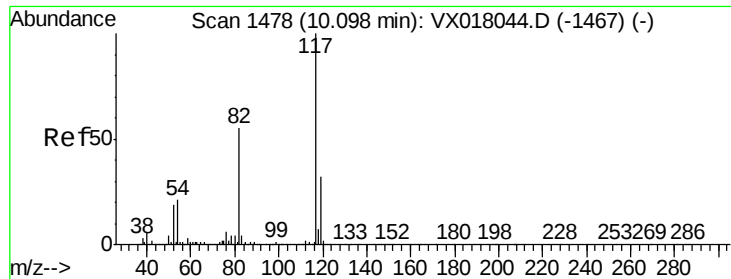
200000

100000

0

Time--> 11.05 11.10 11.15 11.20





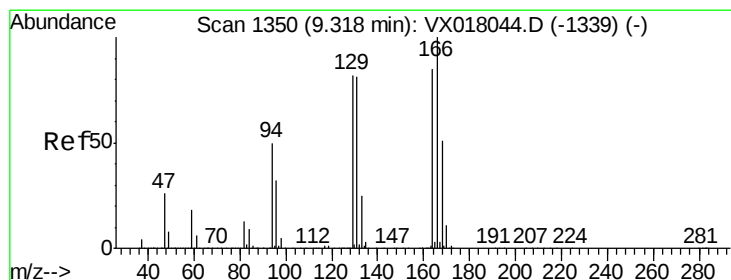
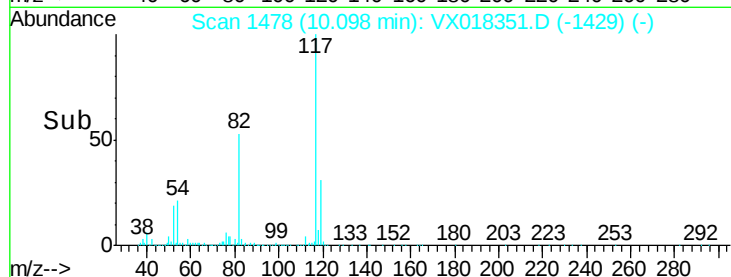
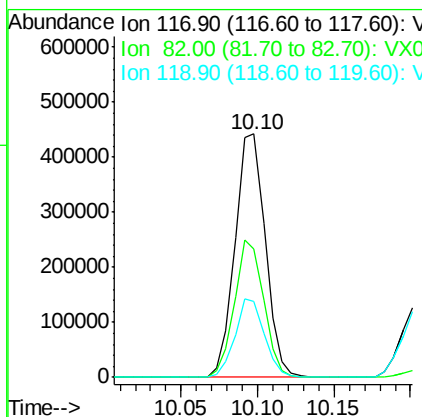
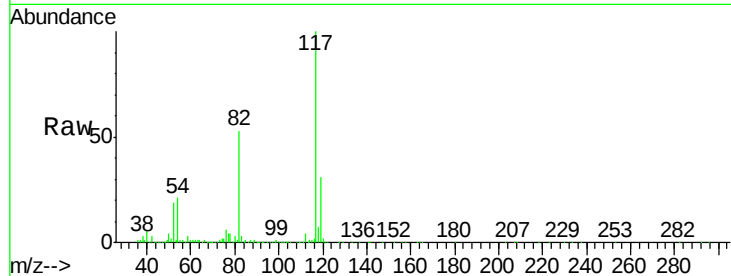
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	608293		
82	52.7		44.2	66.2
119	31.3		25.7	38.5

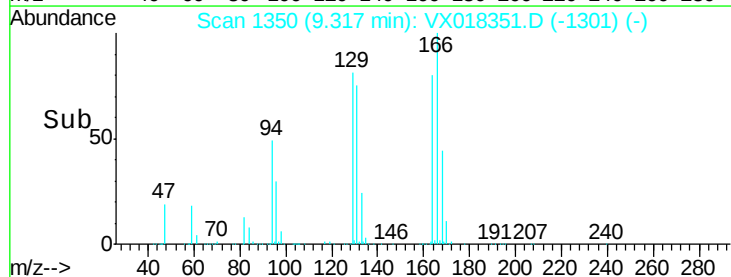
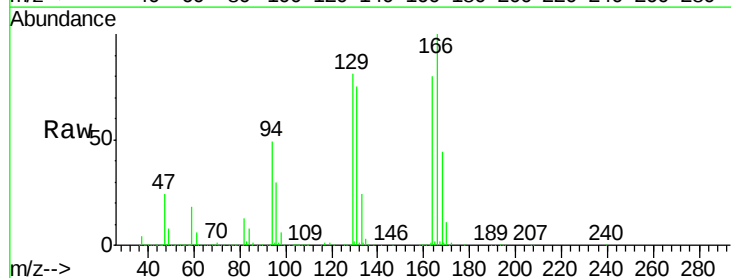
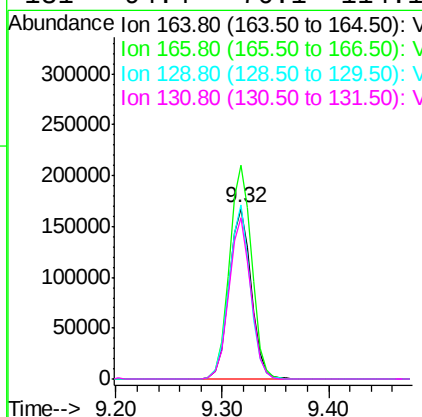
Manual Integrations
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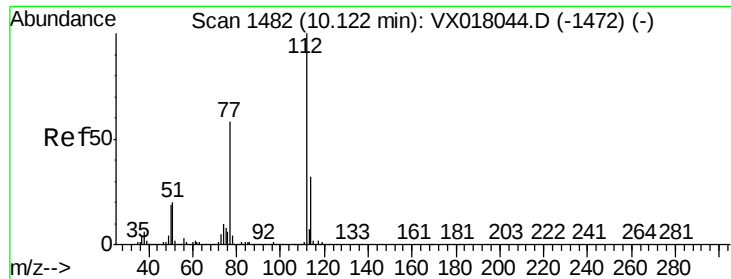
MMDadoda
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#64
Tetrachloroethene
Concen: 54.600 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244066		
166	125.3		94.2	141.2
129	101.9		76.9	115.3
131	94.4		76.1	114.1





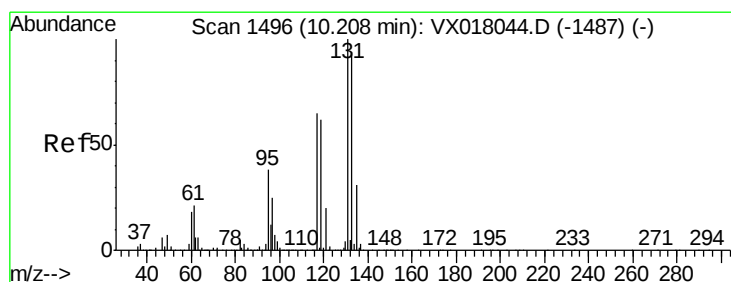
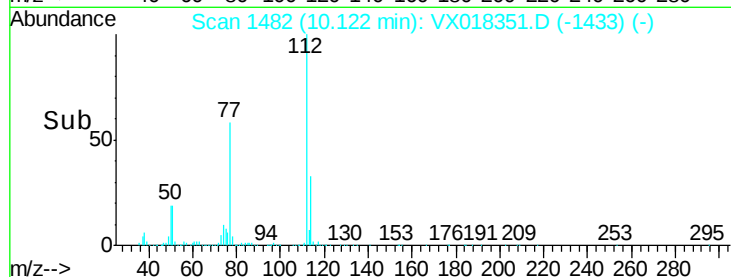
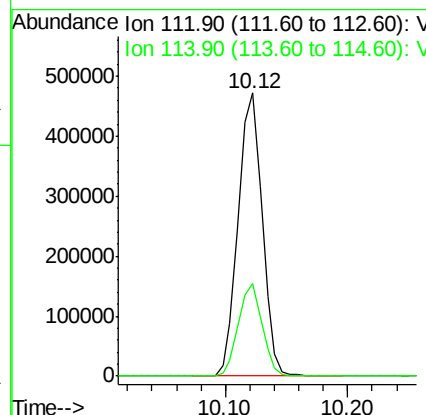
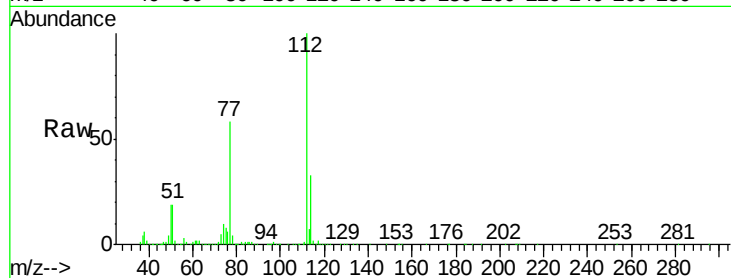
#65
Chlorobenzene
Concen: 52.655 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.7	38.5

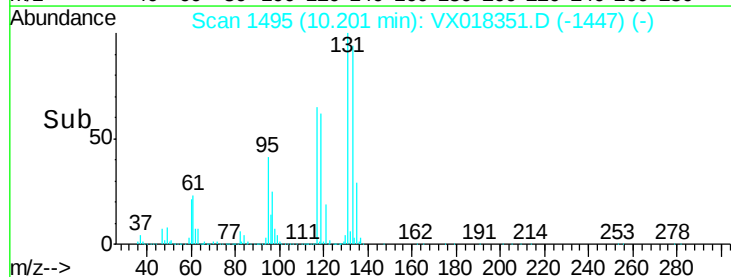
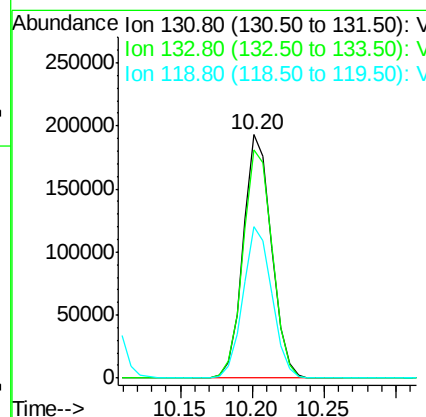
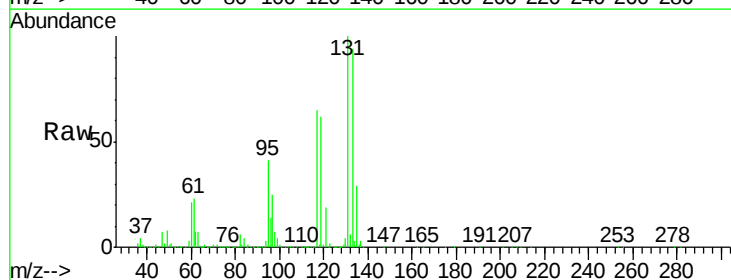
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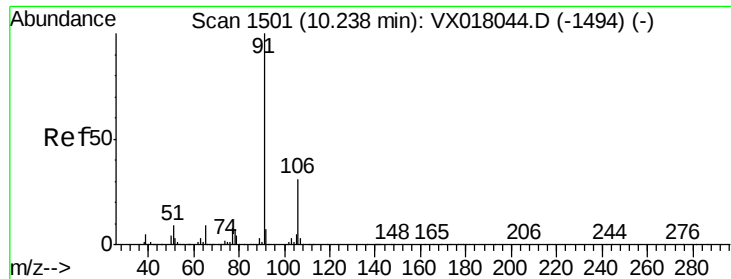
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.841 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	46.7	140.1
119	62.9	31.8	95.4





#67

Ethyl Benzene

Concen: 54.302 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1121900

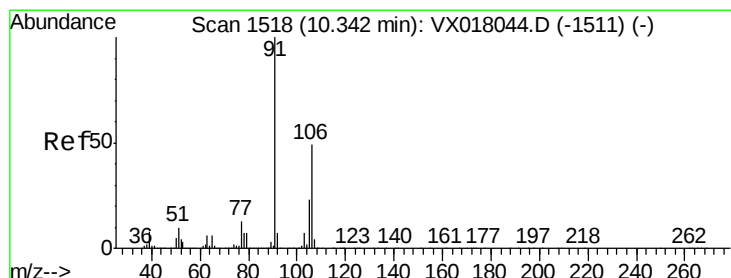
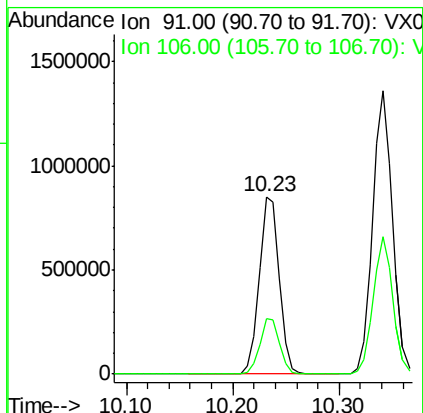
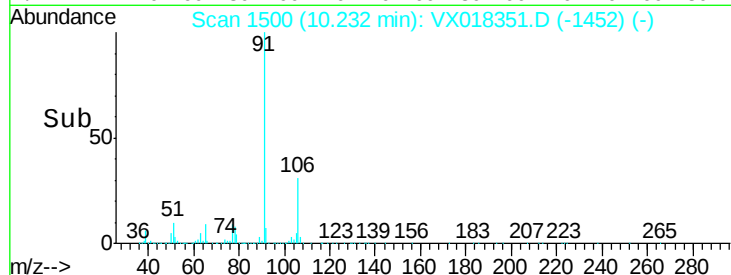
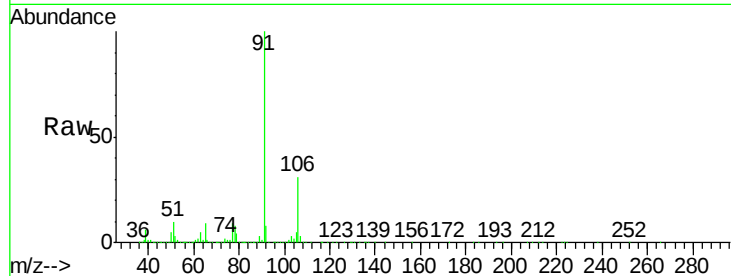
Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 110.398 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018351.D

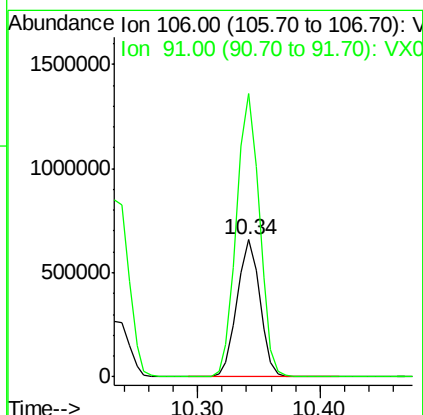
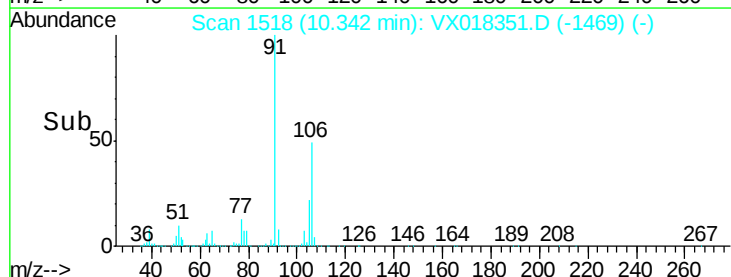
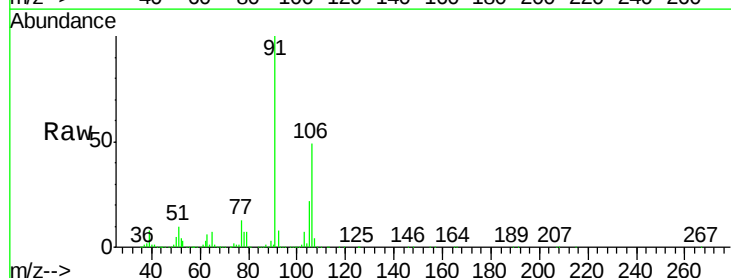
Acq: 11 Sep 2020 10:40

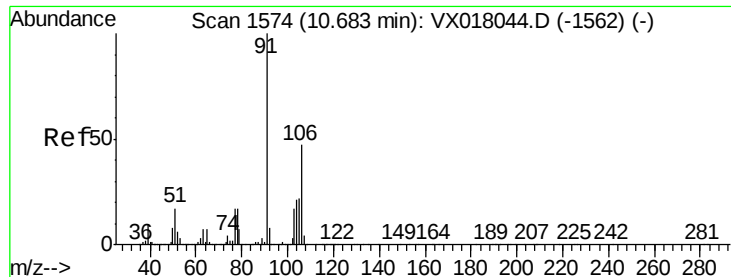
Tgt Ion: 106 Resp: 851324

Ion Ratio Lower Upper

106 100

91 208.0 162.2 243.2





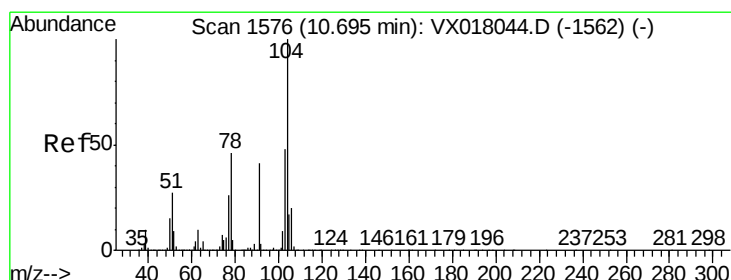
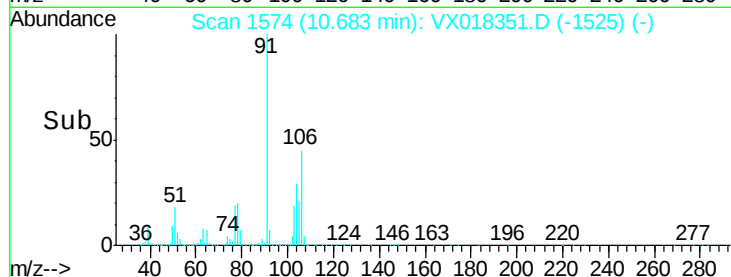
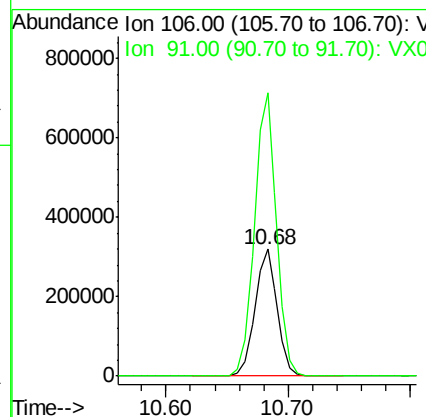
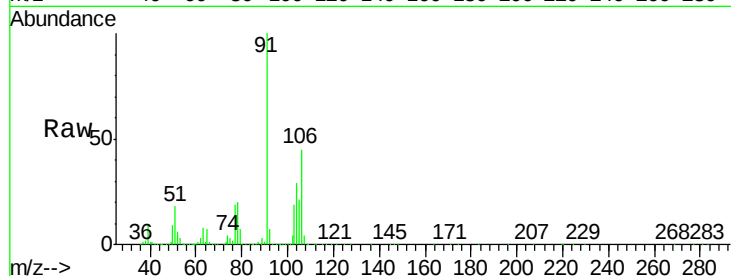
#69
o-Xylene
Concen: 53.550 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	400308		
91	222.3	107.1	321.3	

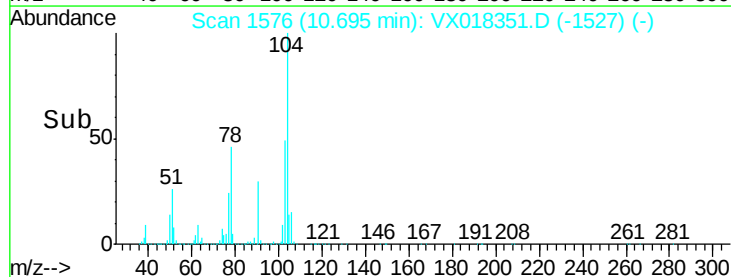
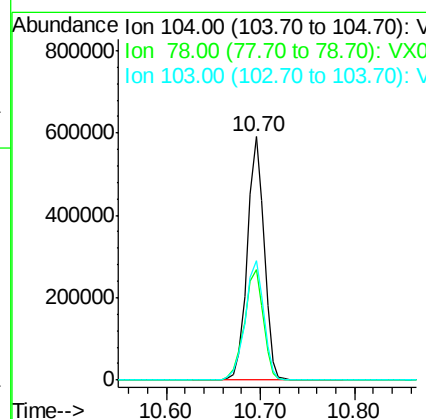
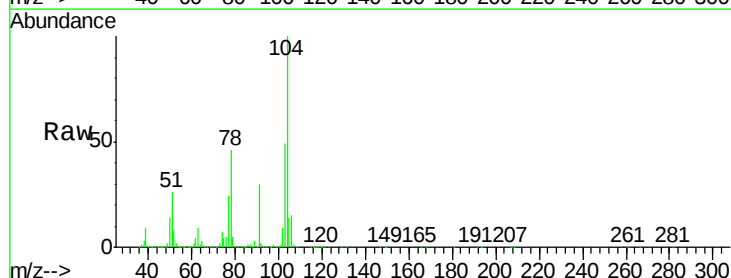
Manual Integrations
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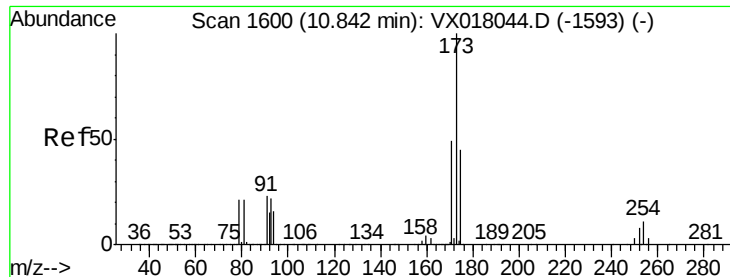
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#70
Styrene
Concen: 57.718 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	734785		
78	51.6	40.9	61.3	
103	54.4	43.6	65.4	





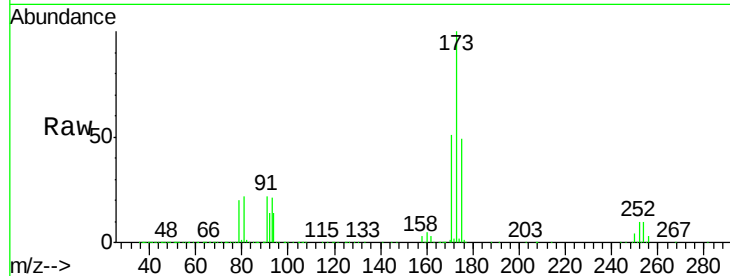
#71
Bromoform
Concen: 58.718 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

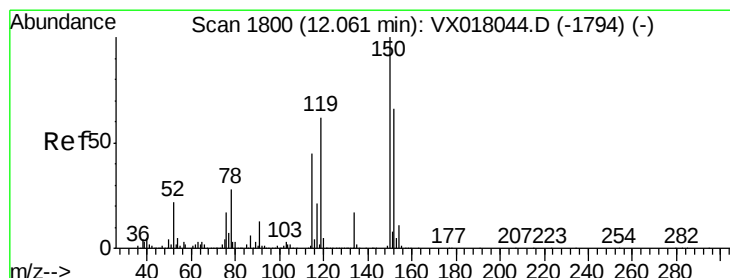
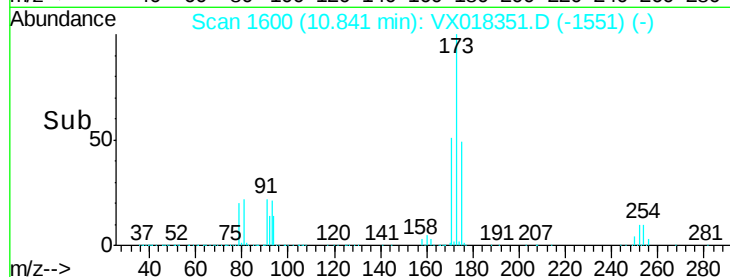
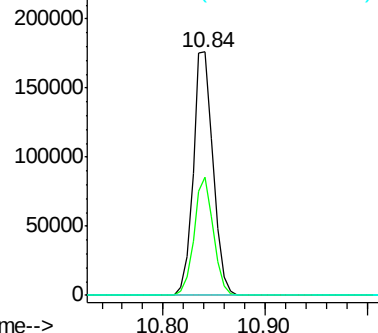
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.9	71.8
254	0.2	0.2	0.2

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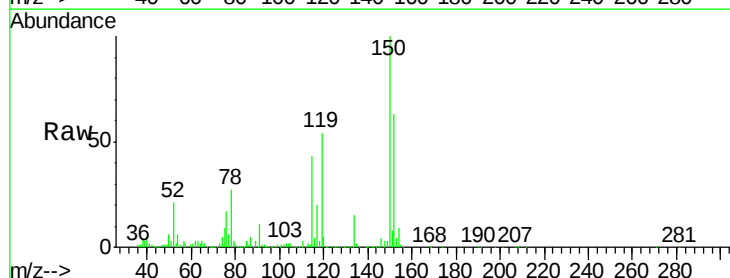


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

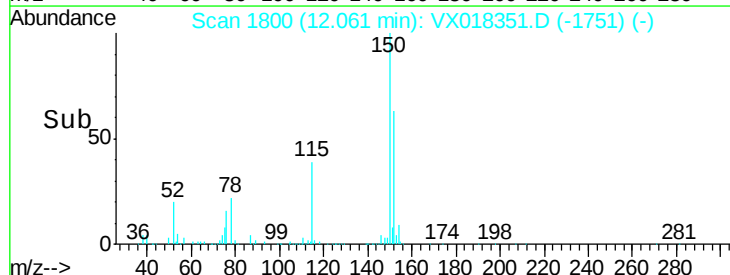
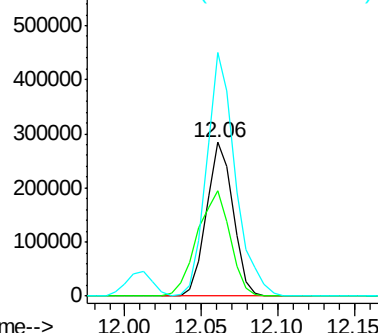


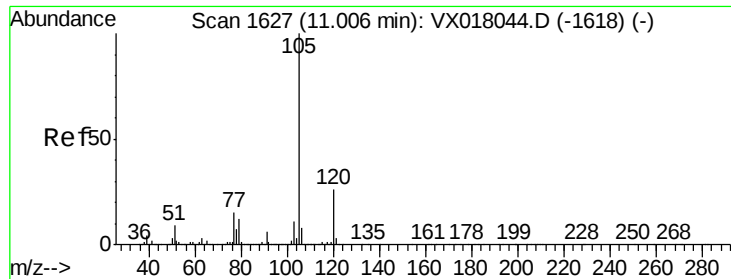
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.9	41.5	124.5
150	170.9	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: 50.047 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1128945

Ion Ratio Lower Upper

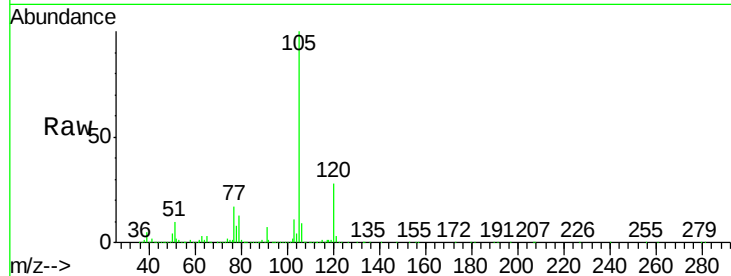
105 100

120 26.8 13.2 39.5

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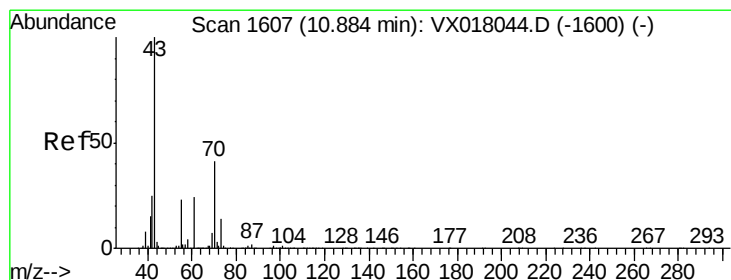
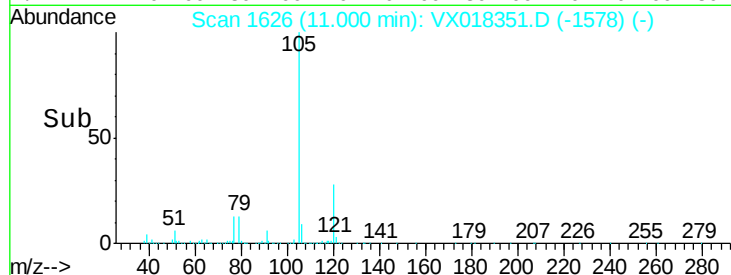
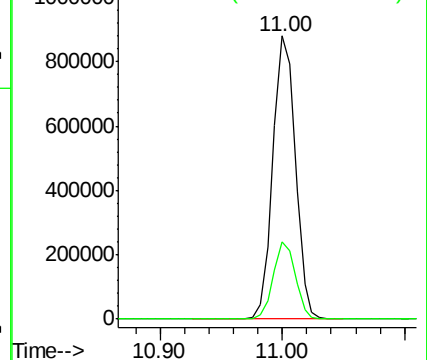
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.495 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion: 43 Resp: 497630

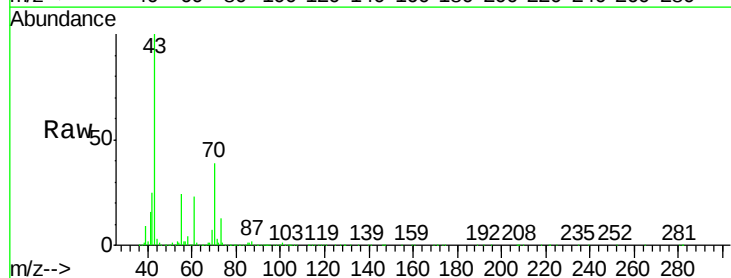
Ion Ratio Lower Upper

43 100

70 41.1 32.3 48.5

55 24.0 18.2 27.2

61 23.3 18.9 28.3

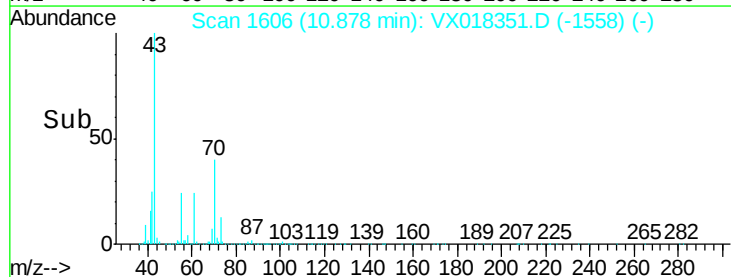
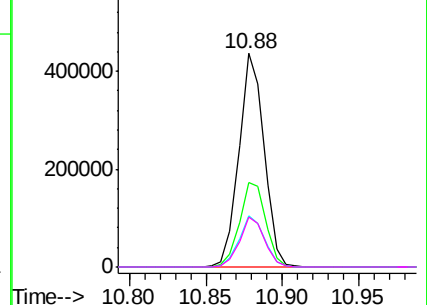


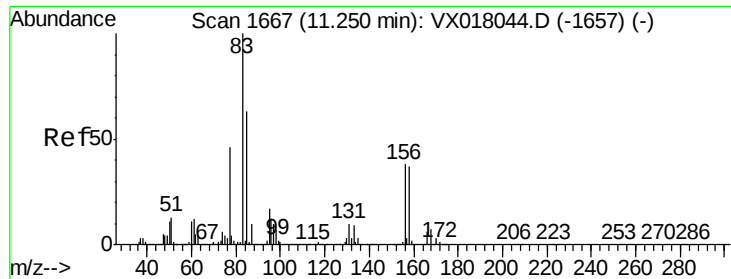
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 45.359 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

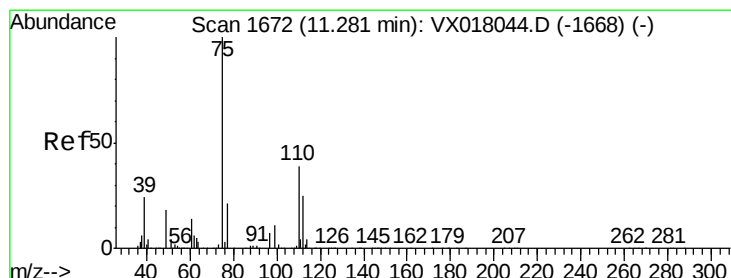
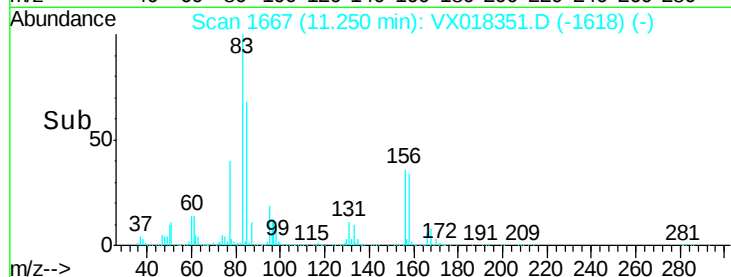
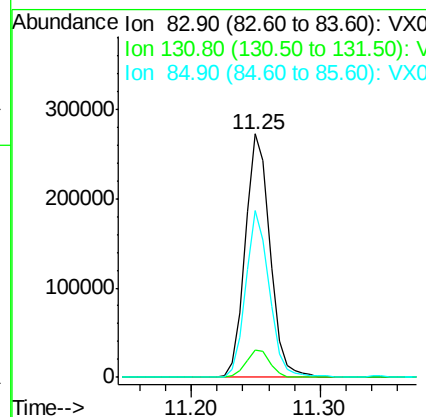
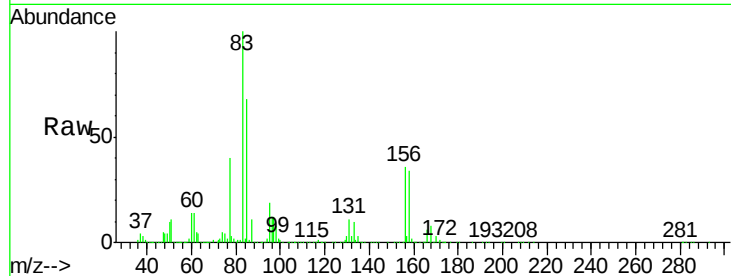
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	360947
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	65.4	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.700 ug/l m

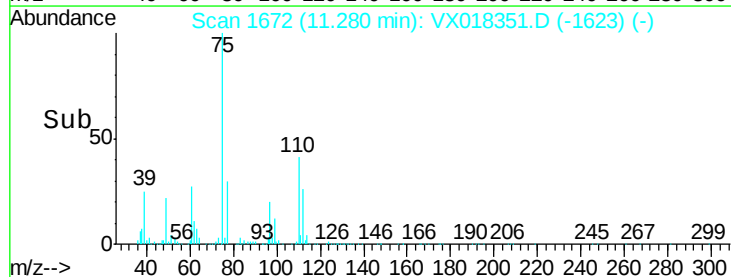
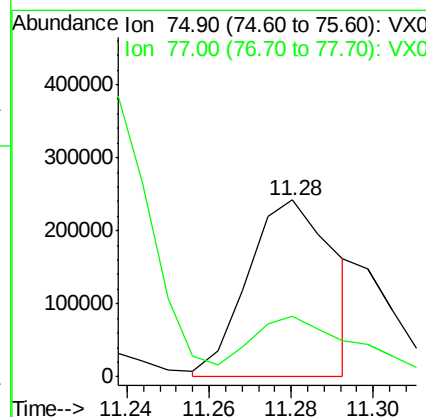
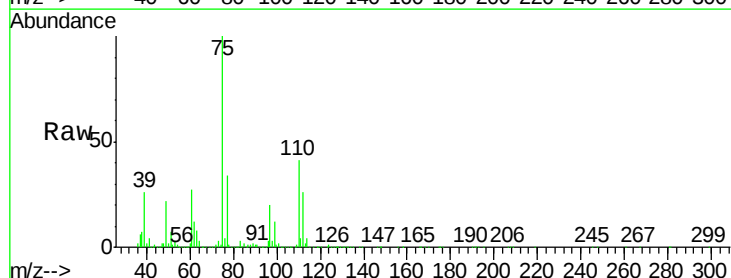
RT: 11.28 min Scan# 1672

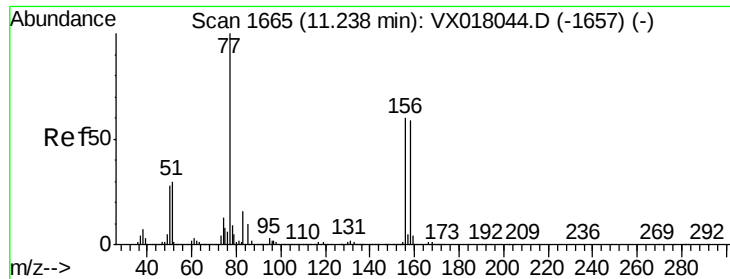
Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion:	75	Resp:	355277
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.8	62.2





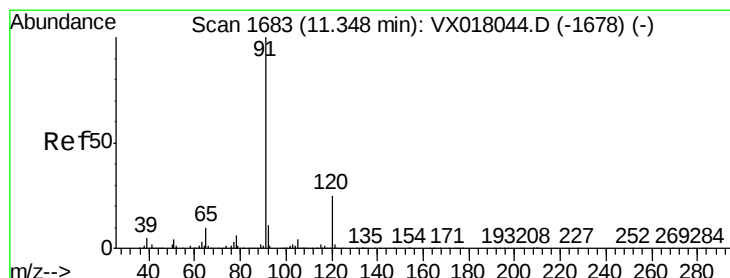
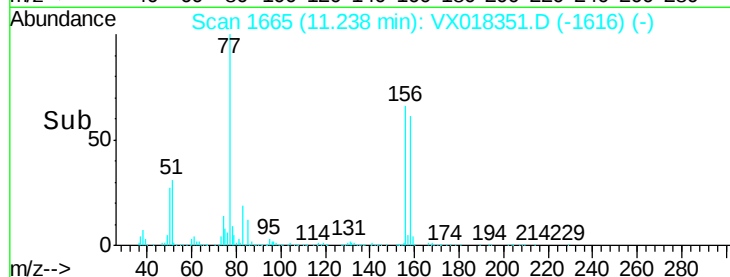
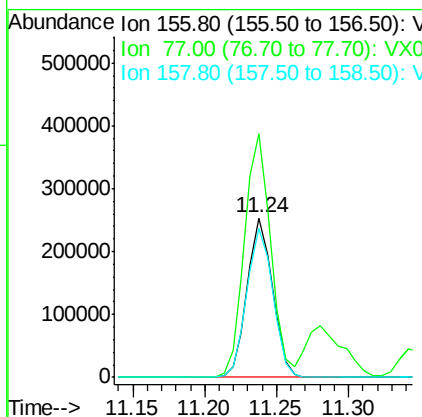
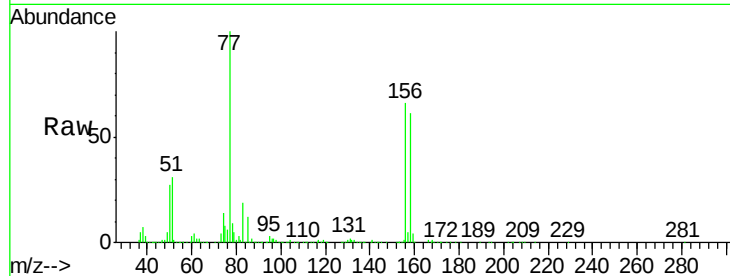
#77
Bromobenzene
Concen: 49.519 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.7	80.0	240.2
158	96.0	49.5	148.7

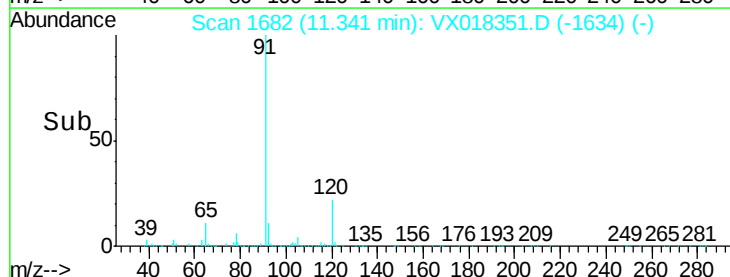
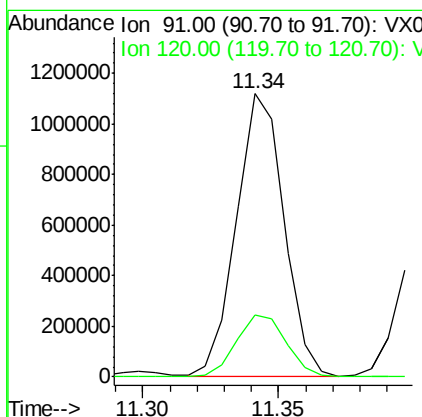
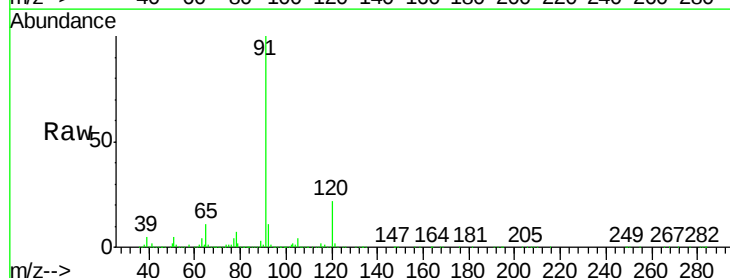
Manual Integrations
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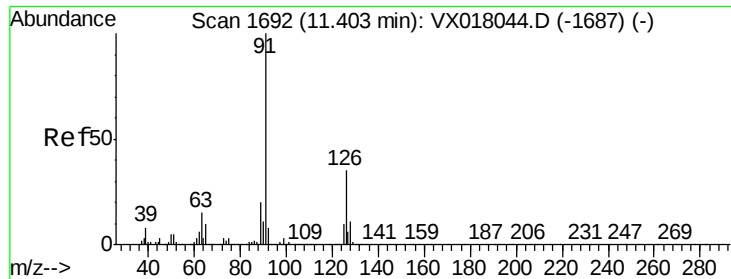
MMDadoda
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#78
n-propylbenzene
Concen: 52.679 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.703 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 802356

Ion Ratio Lower Upper

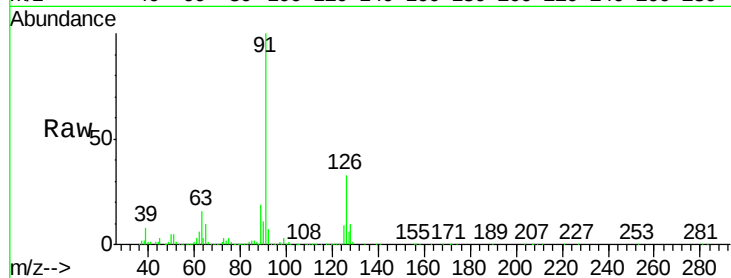
91 100

126 34.3 17.4 52.2

Manual Integrations
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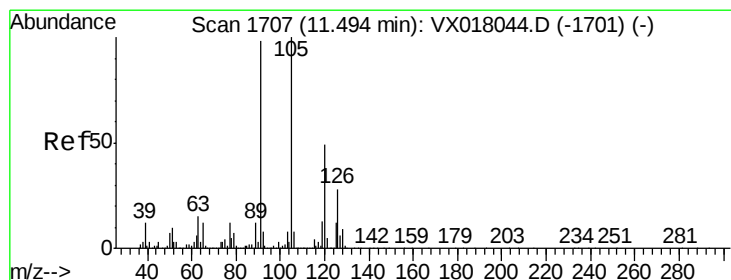
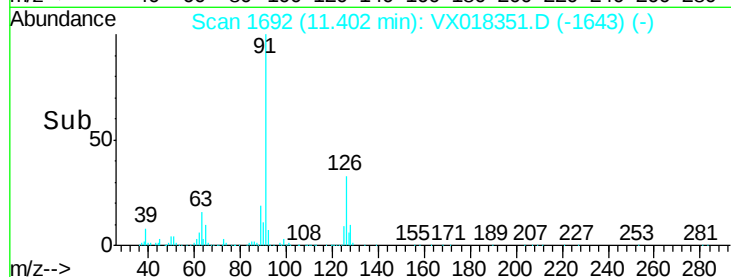
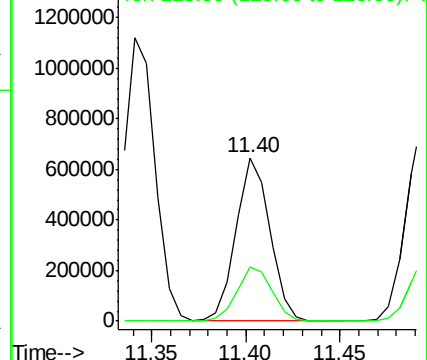
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.031 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018351.D

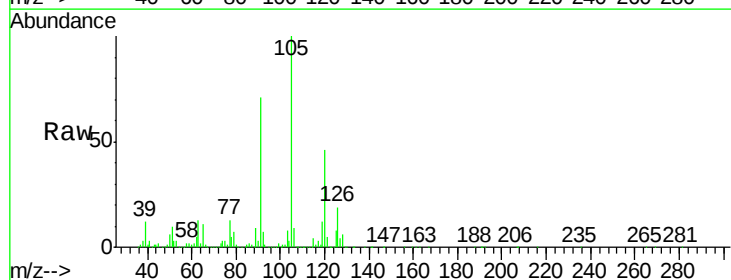
Acq: 11 Sep 2020 10:40

Tgt Ion: 105 Resp: 1001574

Ion Ratio Lower Upper

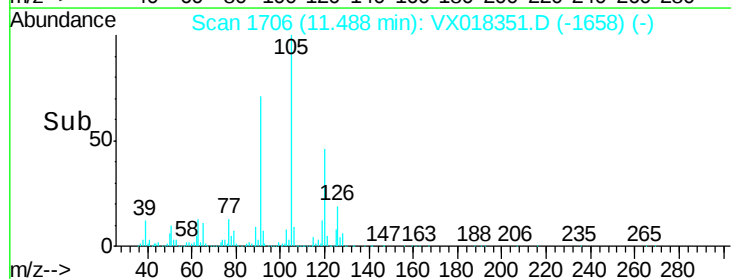
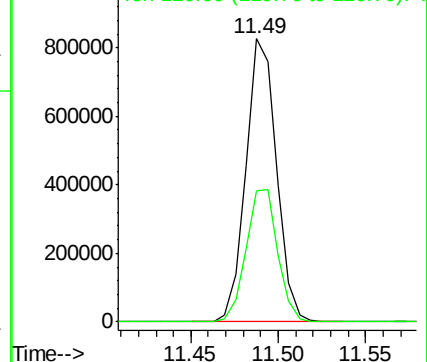
105 100

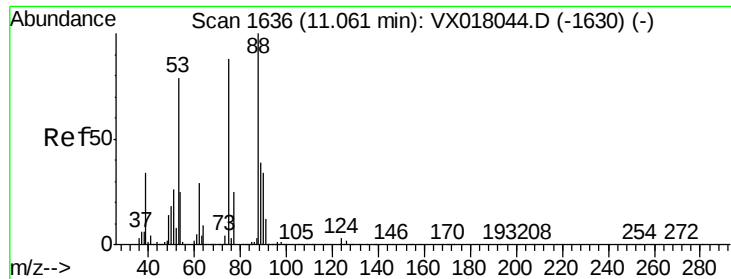
120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.768 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Instrument :

MSVOA_X

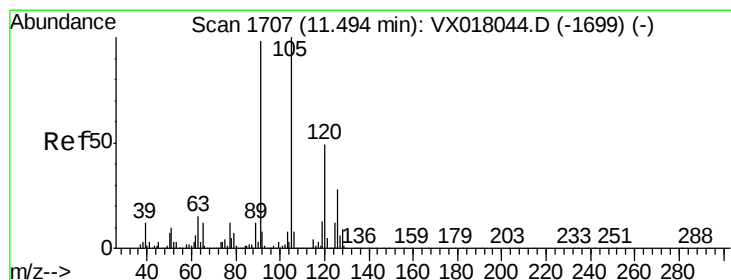
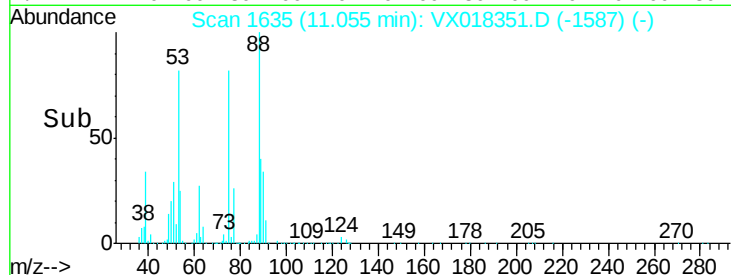
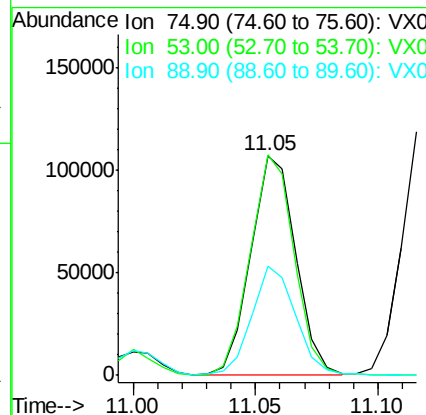
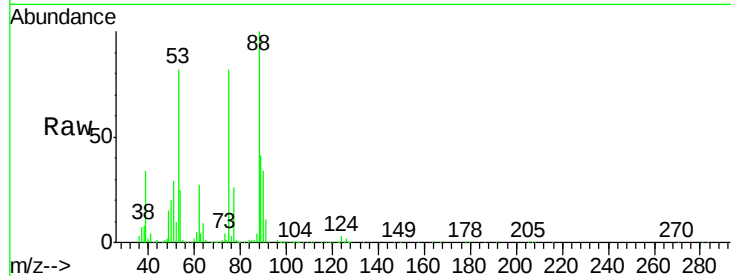
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	137369
Ion	Ratio	Lower	Upper
75	100		
53	97.7	74.7	112.1
89	48.3	36.6	54.8

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#82

4-Chlorotoluene

Concen: 51.260 ug/l

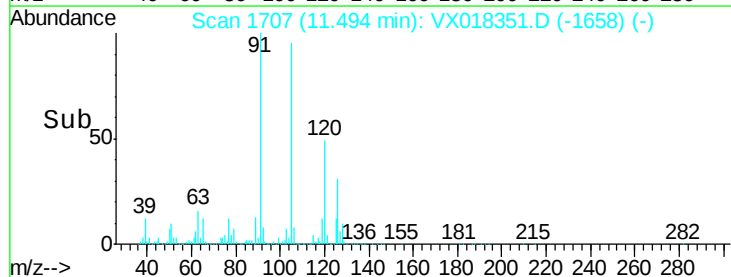
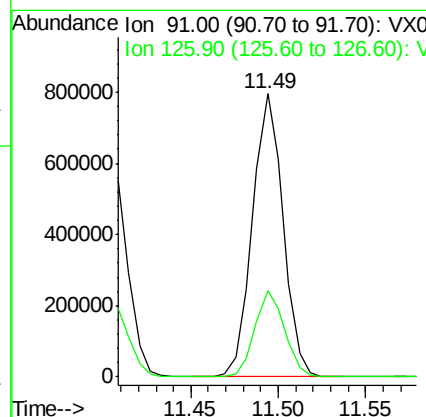
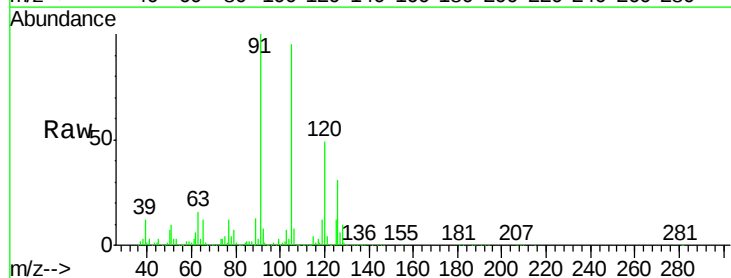
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018351.D

Acq: 11 Sep 2020 10:40

Tgt Ion:	91	Resp:	964303
Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.1	45.3





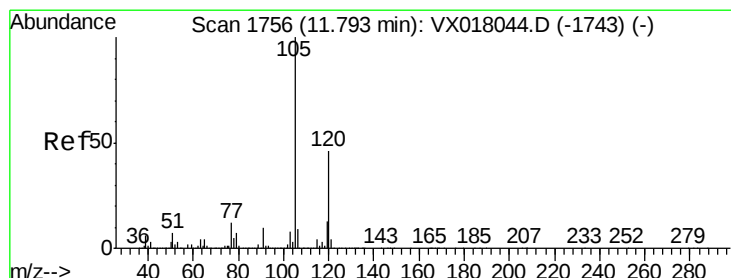
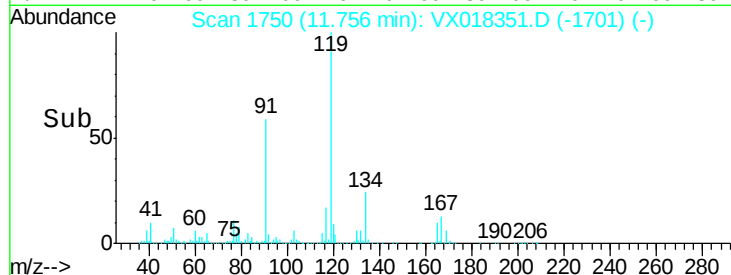
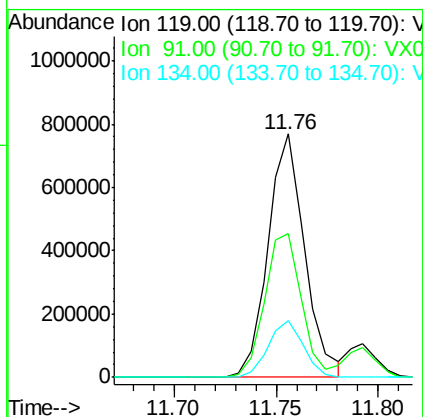
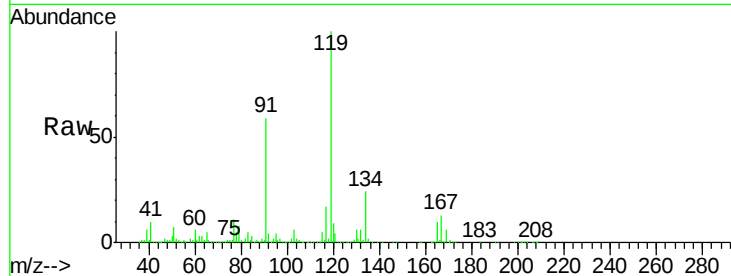
#83
tert-Butylbenzene
Concen: 52.570 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	961695		
91	59.0	28.2	84.7	
134	22.5	11.3	33.8	

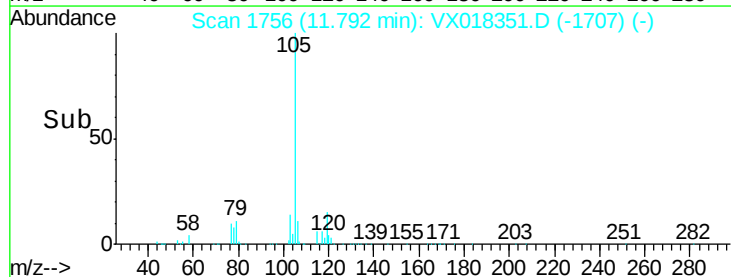
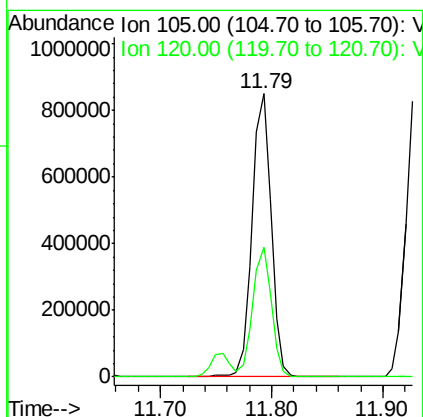
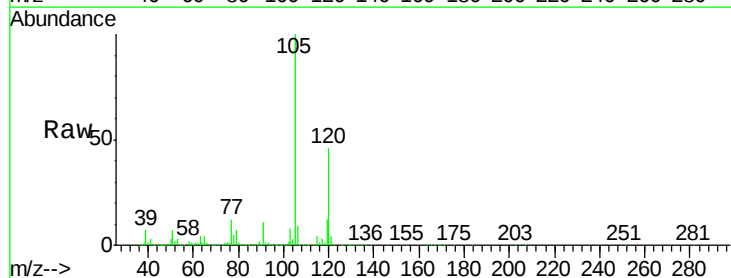
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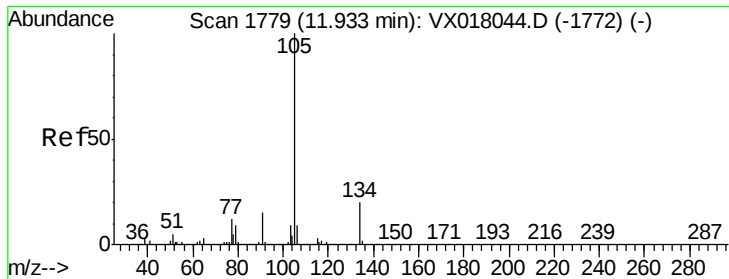
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#84
1,2,4-Trimethylbenzene
Concen: 53.658 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1016927		
120	44.9	22.3	66.9	





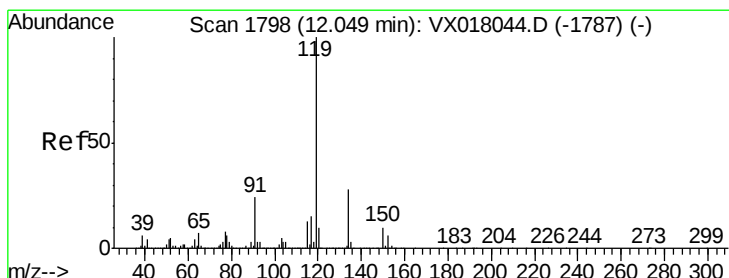
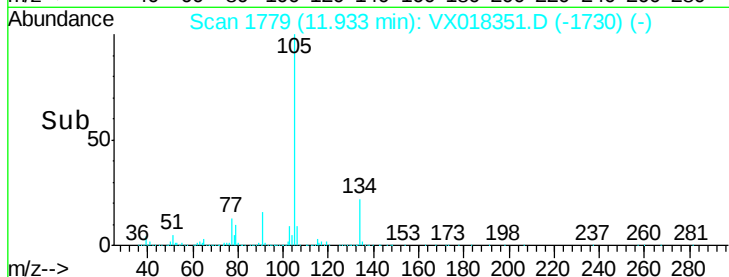
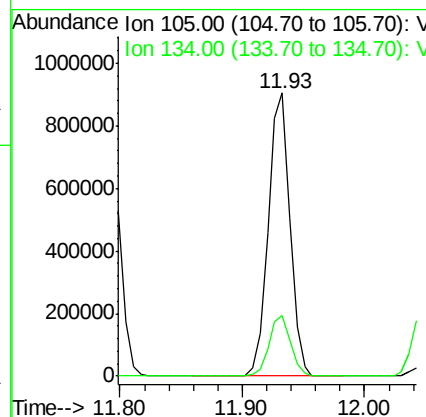
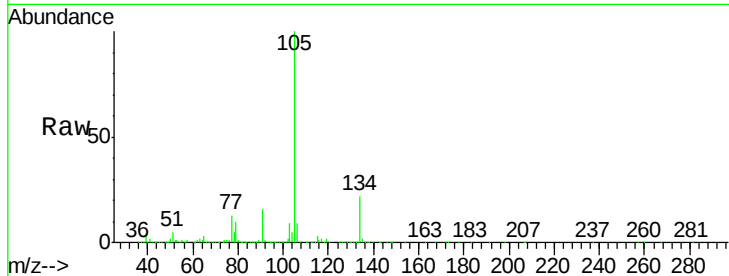
#85
 sec-Butylbenzene
 Concen: 53.555 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 1114125
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.1 30.3

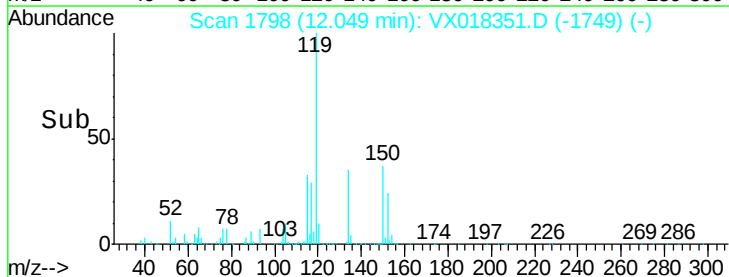
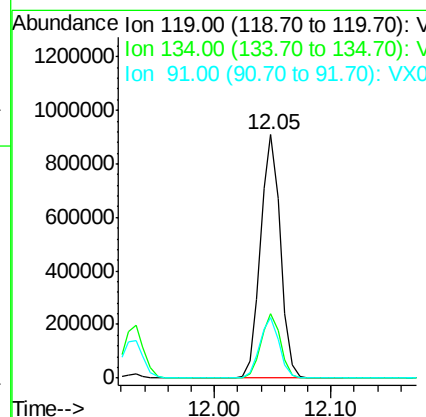
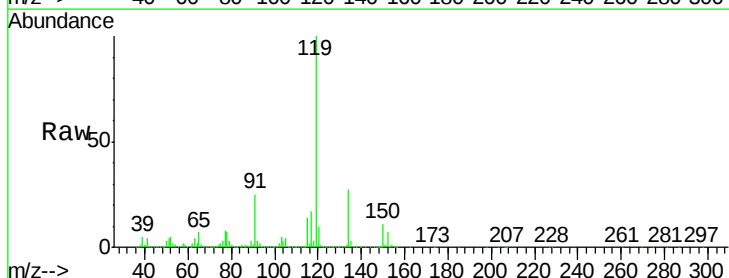
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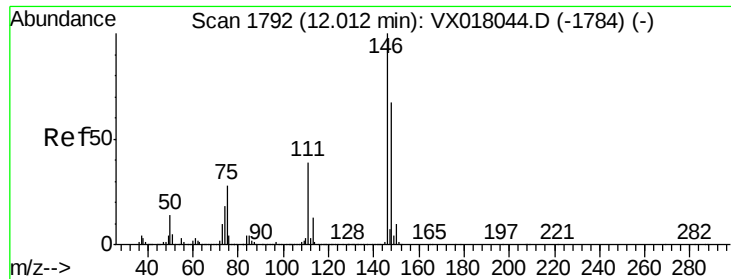
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#86
 p-Isopropyltoluene
 Concen: 56.667 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion:119 Resp: 1082863
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 24.3 11.8 35.4





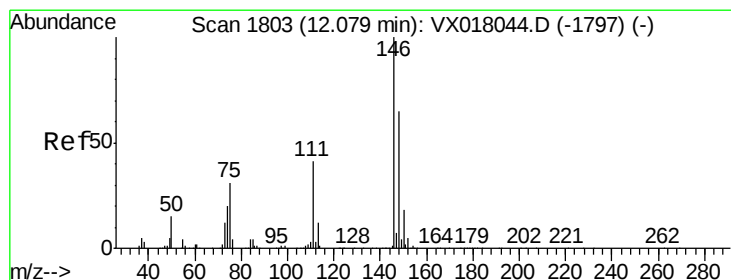
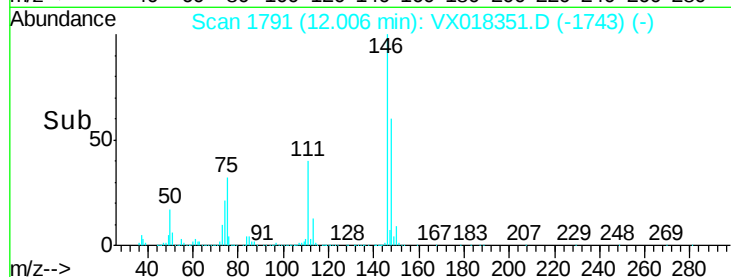
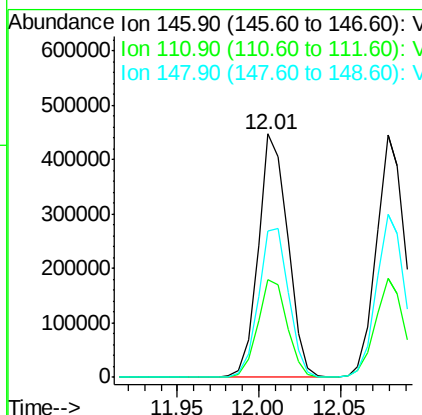
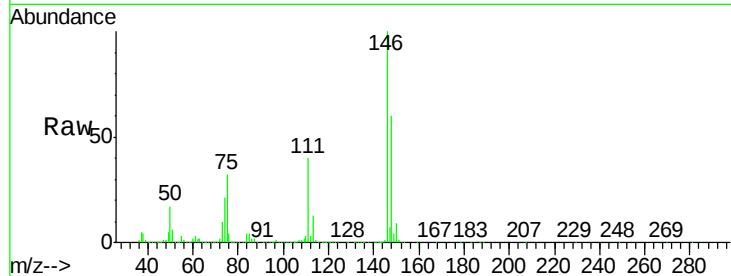
#87
 1,3-Dichlorobenzene
 Concen: 51.412 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.6	61.8
148	62.6	33.1	99.2

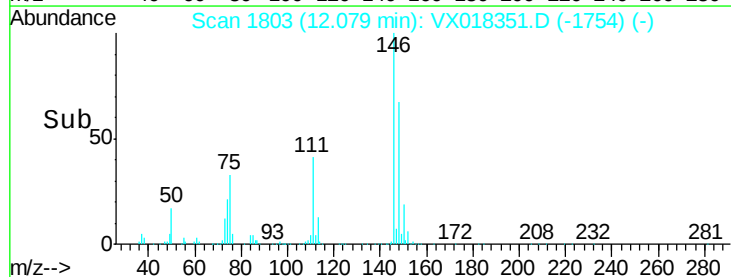
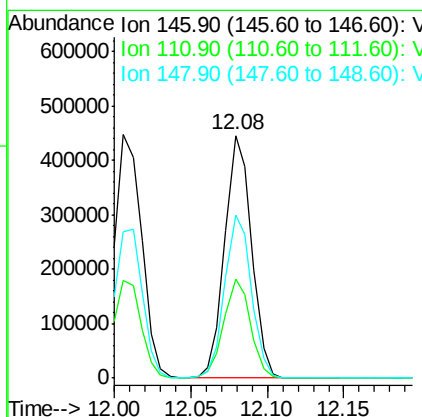
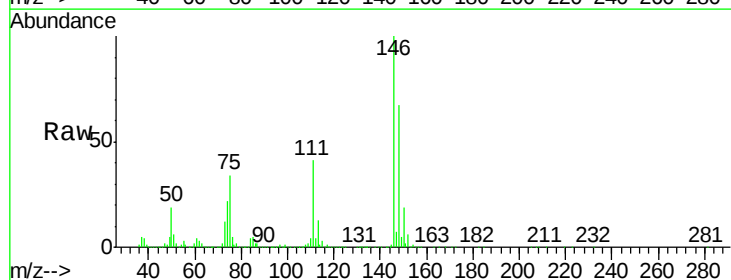
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 49.382 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.8
148	67.0	33.1	99.2





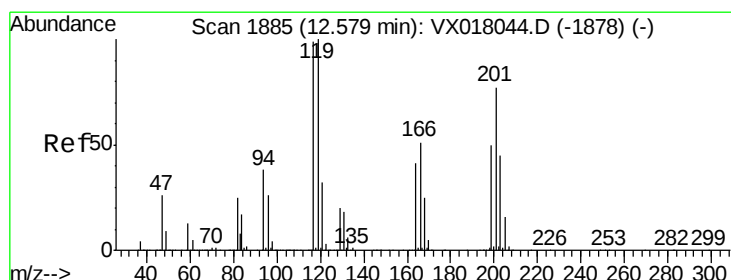
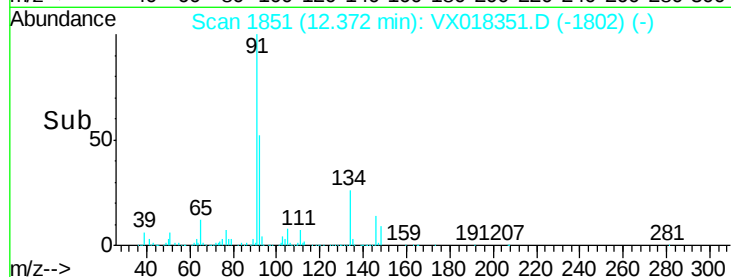
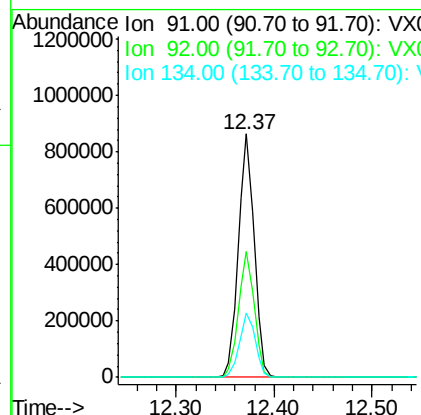
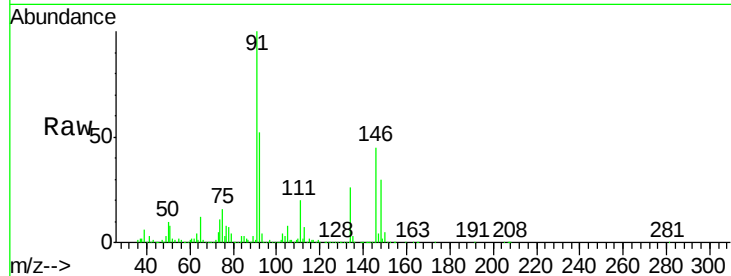
#89
n-Butylbenzene
Concen: 55.790 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.4	79.2
134	26.5	12.9	38.7

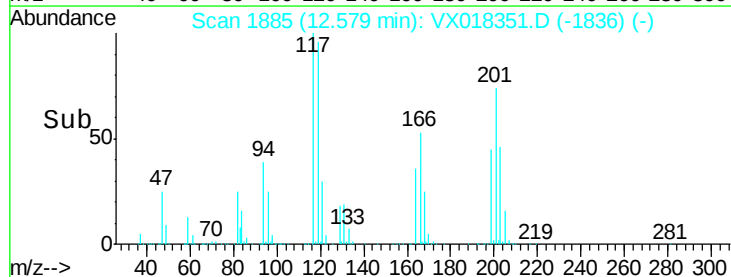
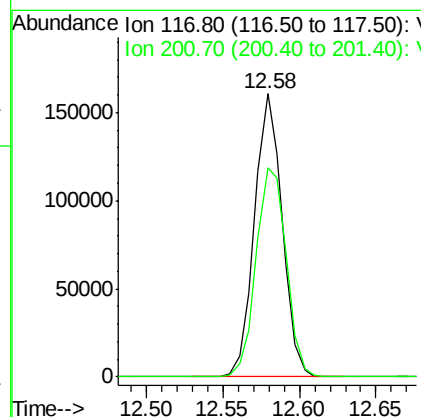
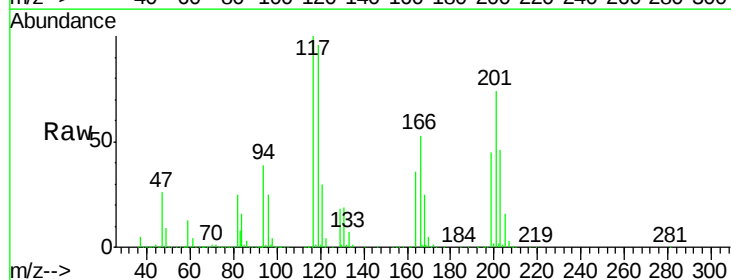
Manual Integrations
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#90
Hexachloroethane
Concen: 53.760 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.7	38.5	115.3





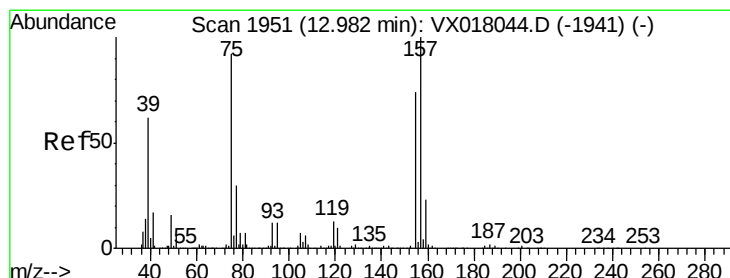
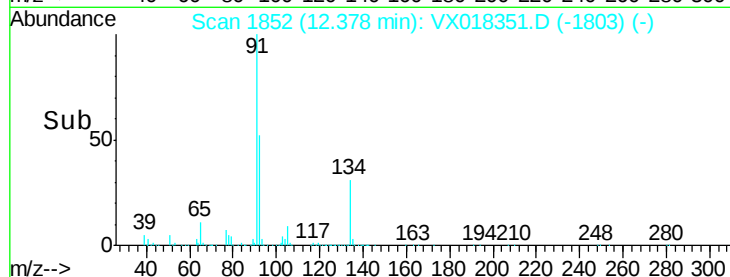
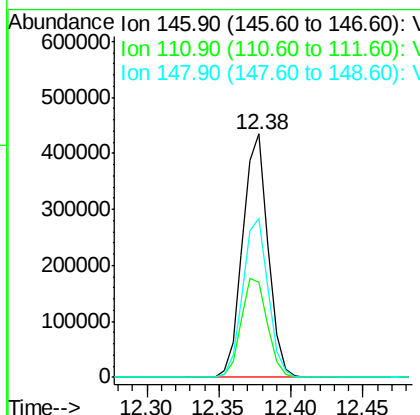
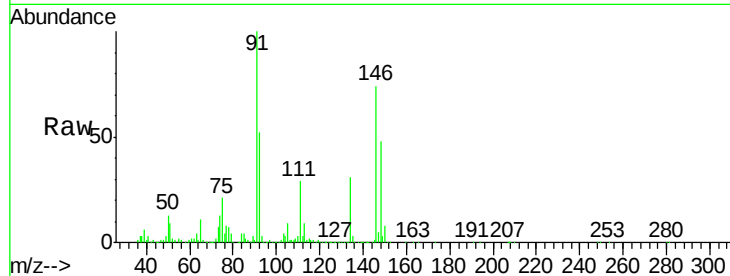
#91
 1,2-Dichlorobenzene
 Concen: 51.499 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	65.4	31.6	95.0

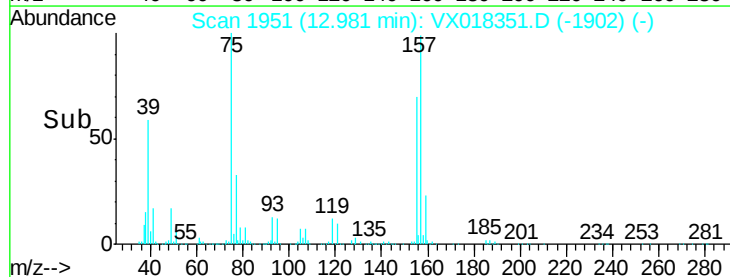
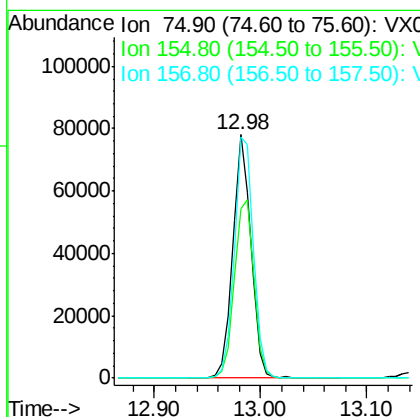
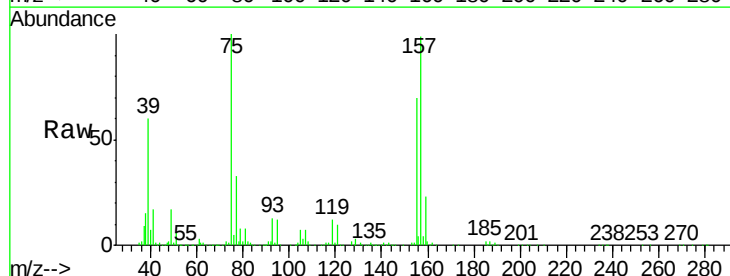
Manual Integrations
 APPROVED

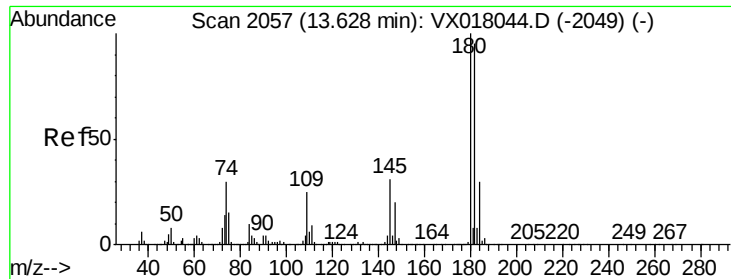
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.326 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	40.2	120.6
157	103.4	55.0	165.2





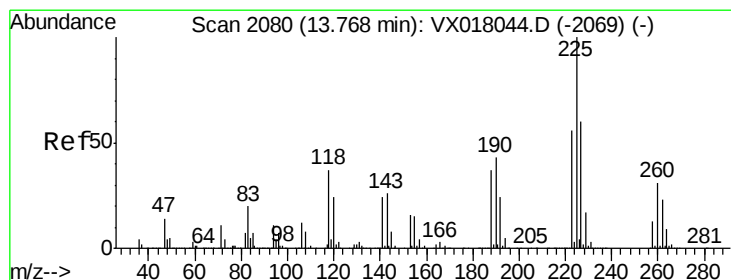
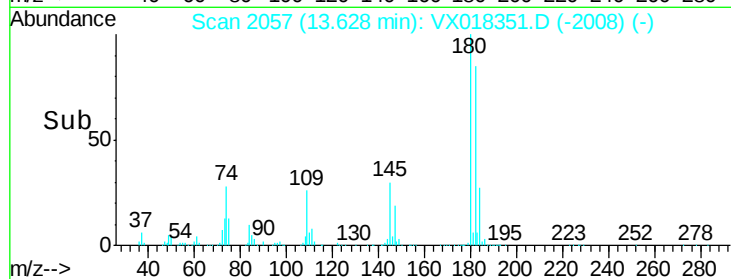
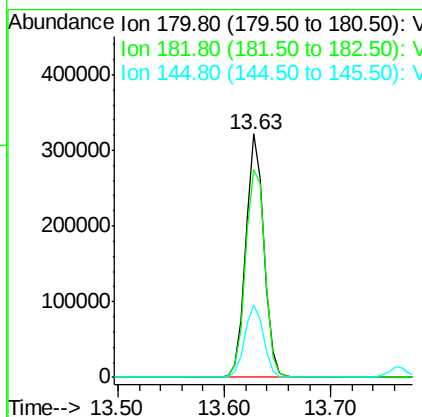
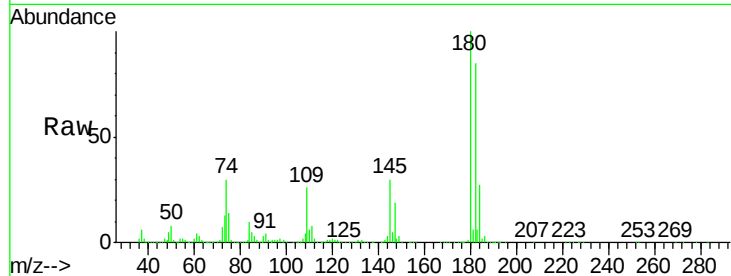
#93
 1,2,4-Trichlorobenzene
 Concen: 55.689 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	382687		
182	92.4	47.5	142.6	
145	30.7	15.7	47.1	

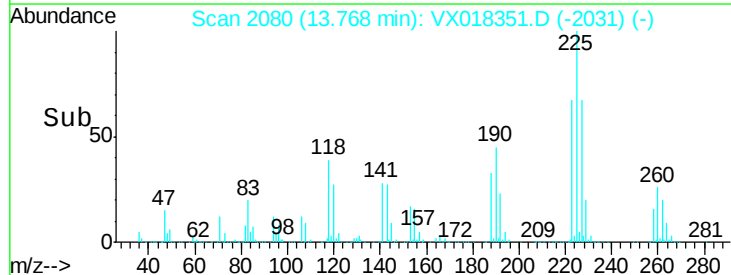
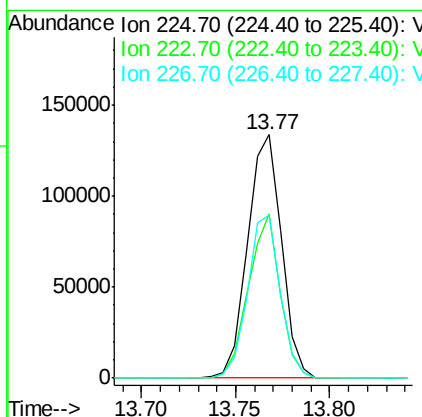
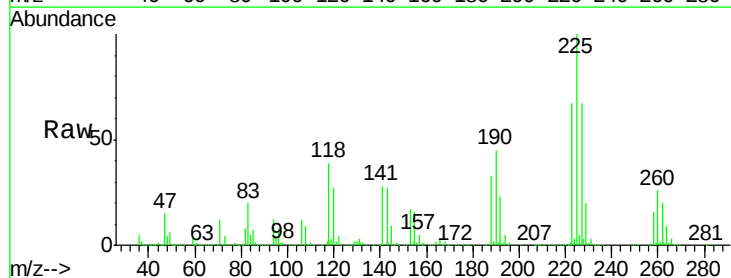
Manual Integrations
 APPROVED

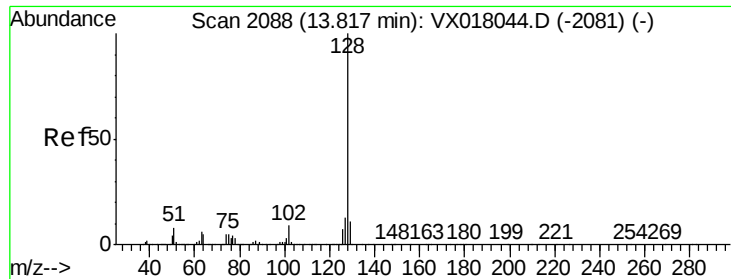
MMDadoda
 9/14/2020 12:09:45 PM



#94
 Hexachlorobutadiene
 Concen: 61.318 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018351.D
 Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166200		
223	63.0	30.7	92.1	
227	64.7	32.6	97.8	





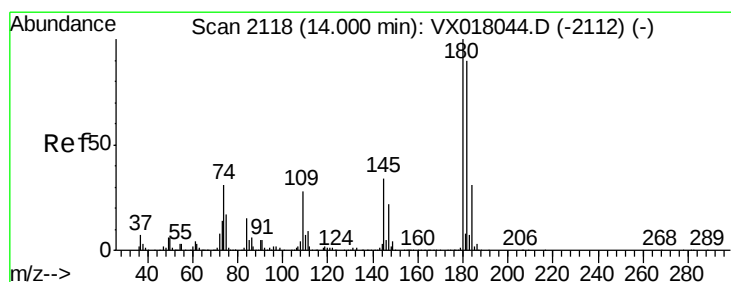
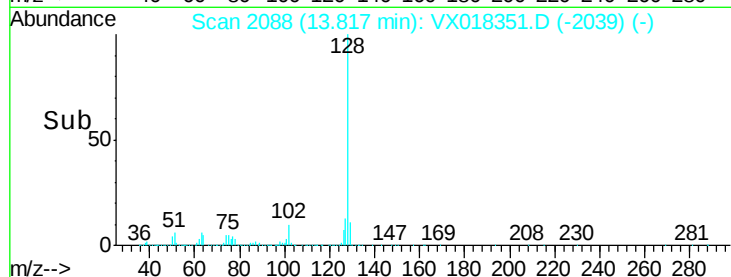
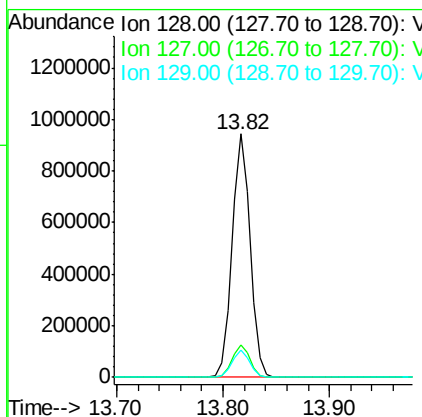
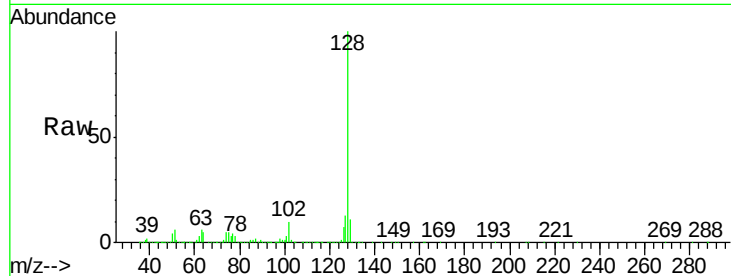
#95
Naphthalene
Concen: 49.572 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.629 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018351.D
Acq: 11 Sep 2020 10:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.3	142.0
145	33.5	17.5	52.6

