

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017997.D
 Acq On : 19 Aug 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:10:53 AM

Quant Time: Aug 20 05:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	451426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	688668	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	635132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326868	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	296061	44.74	ug/l	0.00
Spiked Amount						
			Recovery	=	89.48%	
35) Dibromofluoromethane	5.46	113	233254	45.48	ug/l	0.00
Spiked Amount						
			Recovery	=	90.96%	
50) Toluene-d8	8.70	98	740427	40.85	ug/l	0.00
Spiked Amount						
			Recovery	=	81.70%	
62) 4-Bromofluorobenzene	11.12	95	302079	45.12	ug/l	0.00
Spiked Amount						
			Recovery	=	90.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	294675	43.332	ug/l	96
3) Chloromethane	1.31	50	285589	46.260	ug/l	98
4) Vinyl Chloride	1.39	62	290411	45.641	ug/l	99
5) Bromomethane	1.62	94	174263	50.441	ug/l	98
6) Chloroethane	1.71	64	166170	49.082	ug/l	99
7) Trichlorofluoromethane	1.92	101	447862	47.377	ug/l	100
8) Diethyl Ether	2.17	74	131239	47.635	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	198927	44.742	ug/l	99
10) Methyl Iodide	2.49	142	236156	41.190	ug/l	99
11) Tert butyl alcohol	3.02	59	312471	244.561	ug/l	97
12) 1,1-Dichloroethene	2.36	96	188076	46.222	ug/l	99
13) Acrolein	2.28	56	185621	275.022	ug/l	99
14) Allyl chloride	2.71	41	361112	49.760	ug/l	99
15) Acrylonitrile	3.12	53	692564	248.204	ug/l	100
16) Acetone	2.42	43	624382	239.831	ug/l	100
17) Carbon Disulfide	2.55	76	486047	49.233	ug/l	97
18) Methyl Acetate	2.75	43	341799	52.175	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	830262	53.370	ug/l	100
20) Methylene Chloride	2.84	84	237032	49.417	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	210666	50.362	ug/l	98
22) Diisopropyl ether	3.83	45	815565	53.610	ug/l	97
23) Vinyl Acetate	3.79	43	3002631	258.279	ug/l	100
24) 1,1-Dichloroethane	3.67	63	424549	50.342	ug/l	97
25) 2-Butanone	4.64	43	970278	246.177	ug/l	98
26) 2,2-Dichloropropane	4.56	77	345862	45.037	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	255676	51.814	ug/l	97
28) Bromochloromethane	4.98	49	207225	47.549	ug/l	99
29) Tetrahydrofuran	5.09	42	624813	255.250	ug/l	99
30) Chloroform	5.18	83	464772	50.422	ug/l	98
31) Cyclohexane	5.54	56	352875	51.601	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	412591	49.341	ug/l	100
36) 1,1-Dichloropropene	5.77	75	289605	50.242	ug/l	98
37) Ethyl Acetate	4.80	43	332530	48.216	ug/l	99
38) Carbon Tetrachloride	5.76	117	366036	49.066	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	356527	48.321	ug/l	93
40) Benzene	6.12	78	886922	51.086	ug/l	97
41) Methacrylonitrile	5.00	41	204664	51.775	ug/l	98
42) 1,2-Dichloroethane	6.17	62	375441	50.910	ug/l	100
43) Isopropyl Acetate	6.42	43	565072	50.755	ug/l	99
44) Trichloroethene	7.19	130	248469	48.260	ug/l	99
45) 1,2-Dichloropropane	7.49	63	254475	51.158	ug/l	99
46) Dibromomethane	7.64	93	177350	51.085	ug/l	97
47) Bromodichloromethane	7.88	83	378214	50.183	ug/l	99
48) Methyl methacrylate	7.75	41	287493	52.089	ug/l	98
49) 1,4-Dioxane	7.71	88	112667	997.108	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1730449	230.850	ug/l	100
52) Toluene	8.77	92	524128	46.144	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	369004	46.292	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	396506	47.707	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	243275	46.621	ug/l	95
56) Ethyl methacrylate	9.16	69	345032	46.766	ug/l	97
57) 1,3-Dichloropropane	9.35	76	407529	49.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	830267	232.389	ug/l	100
59) 2-Hexanone	9.48	43	1274577	224.397	ug/l	98
60) Dibromochloromethane	9.57	129	307780	47.227	ug/l	99
61) 1,2-Dibromoethane	9.65	107	248722	43.032	ug/l	98
64) Tetrachloroethene	9.32	164	234697	48.387	ug/l	96
65) Chlorobenzene	10.12	112	631388	50.081	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	270980	50.812	ug/l	99
67) Ethyl Benzene	10.24	91	1062045	51.100	ug/l	99
68) m/p-Xylenes	10.34	106	804555	100.553	ug/l	95
69) o-Xylene	10.68	106	382416	49.563	ug/l	100
70) Styrene	10.70	104	694734	52.191	ug/l	99
71) Bromoform	10.84	173	245734	51.337	ug/l #	99
73) Isopropylbenzene	11.00	105	1088384	51.732	ug/l	99
74) N-amyl acetate	10.88	43	479838	51.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	358794	48.886	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	378035m	54.383	ug/l	
77) Bromobenzene	11.24	156	293765	50.327	ug/l	98
78) n-propylbenzene	11.34	91	1244903	50.591	ug/l	99
79) 2-Chlorotoluene	11.40	91	737891	49.205	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	974829	52.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130956	49.492	ug/l	99
82) 4-Chlorotoluene	11.49	91	963543	54.637	ug/l	100
83) tert-Butylbenzene	11.76	119	949010	54.415	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1012107	52.938	ug/l	99
85) sec-Butylbenzene	11.93	105	1047952	49.776	ug/l	100
86) p-Isopropyltoluene	12.05	119	1004840	51.308	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	532828	50.153	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	528660	50.793	ug/l	98
89) n-Butylbenzene	12.37	91	900105	55.532	ug/l	99
90) Hexachloroethane	12.58	117	198260	50.901	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	536713	54.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	100380	53.692	ug/l	99

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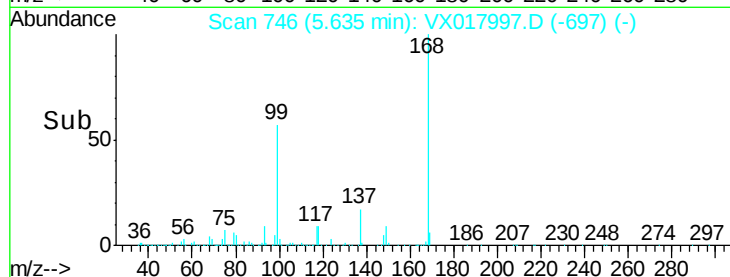
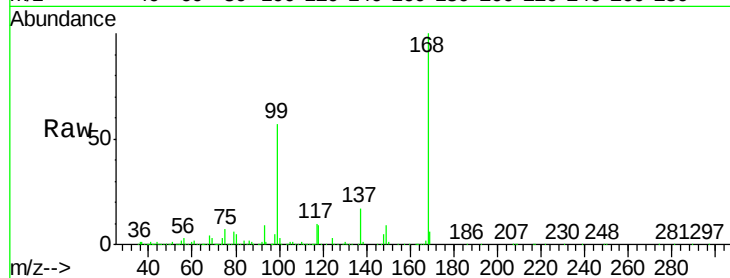
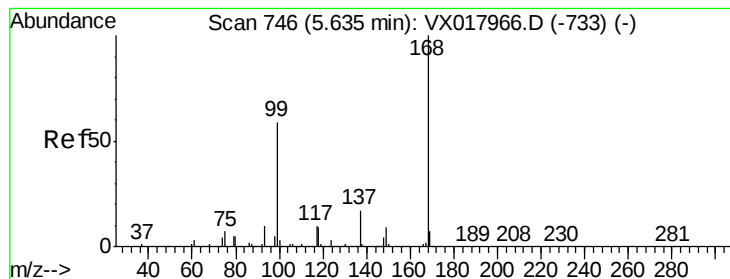
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	344349	53.371	ug/l	98
94) Hexachlorobutadiene	13.77	225	142770	51.851	ug/l	95
95) Naphthalene	13.82	128	1265167	62.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	376540	57.393	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tot Ion: 168 Resp: 451426

Ion Ratio Lower Upper

168 100

99 56.7 47.4 71.2

Instrument :

MSVOA_X

ClientSampleId :

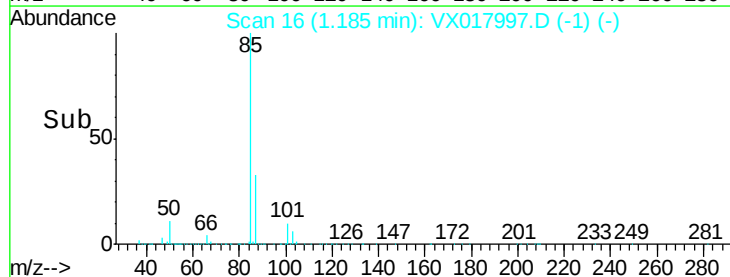
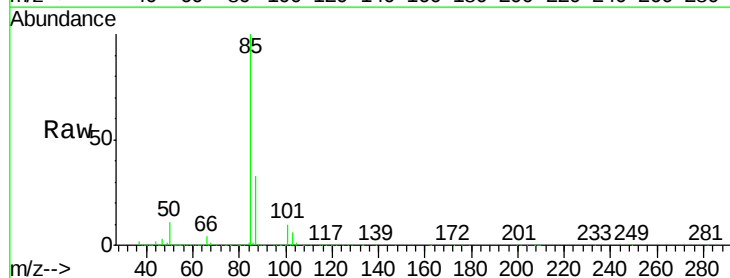
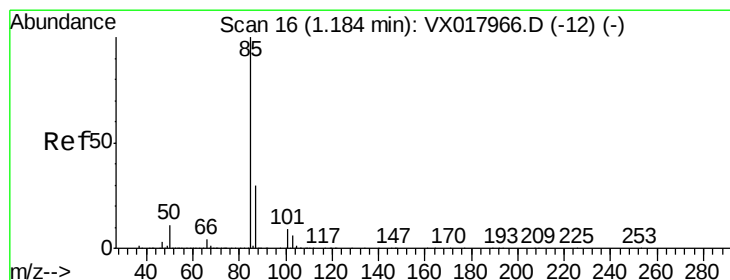
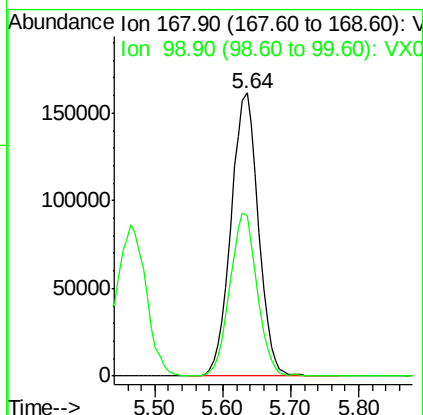
VSTDCCC050

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.332 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017997.D

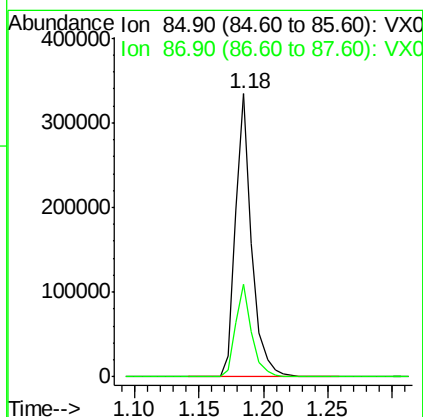
Acq: 19 Aug 2020 20:39

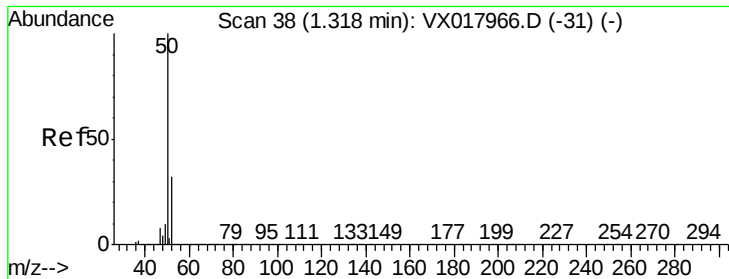
Tgt Ion: 85 Resp: 294675

Ion Ratio Lower Upper

85 100

87 32.9 15.3 45.8





#3

Chloromethane

Concen: 46.260 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 285589

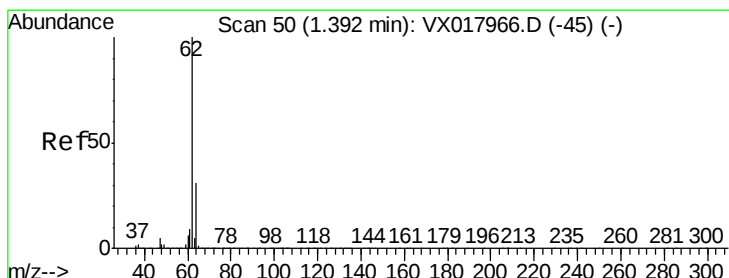
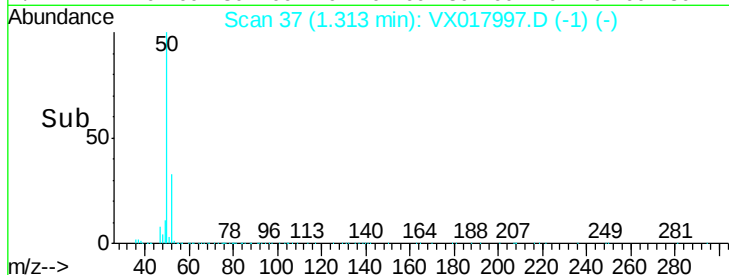
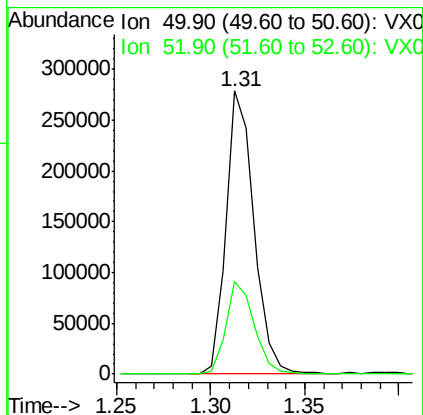
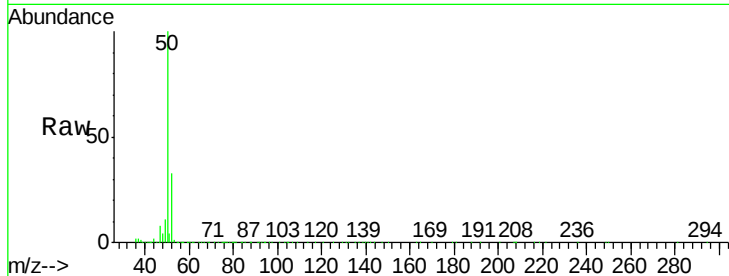
Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.0

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#4

Vinyl Chloride

Concen: 45.641 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017997.D

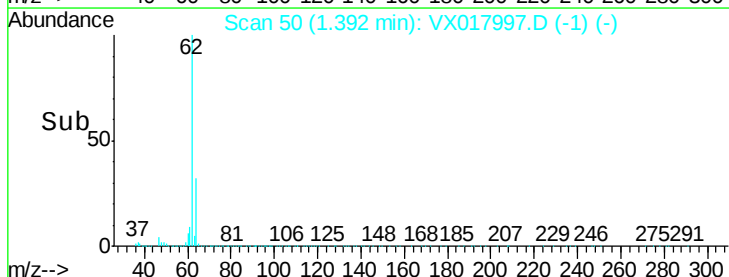
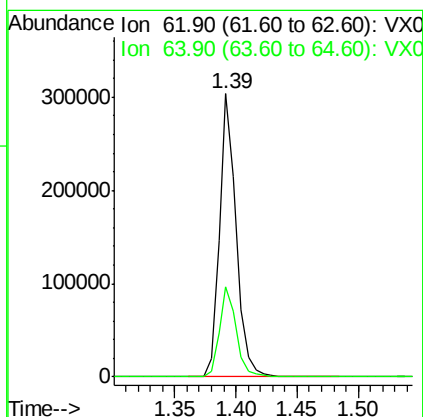
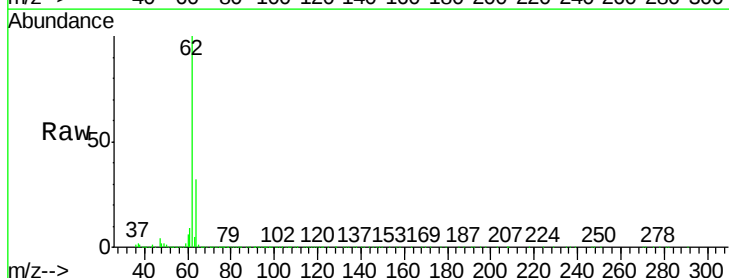
Acq: 19 Aug 2020 20:39

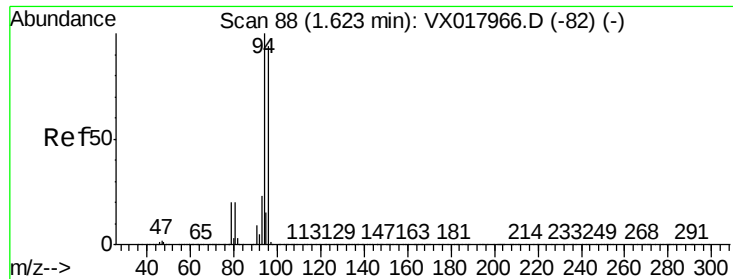
Tgt Ion: 62 Resp: 290411

Ion Ratio Lower Upper

62 100

64 31.6 24.7 37.1





#5

Bromomethane

Concen: 50.441 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 174263

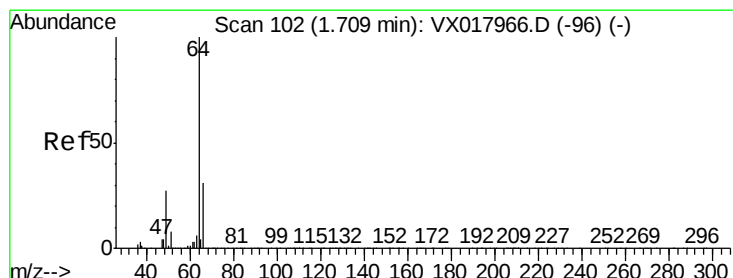
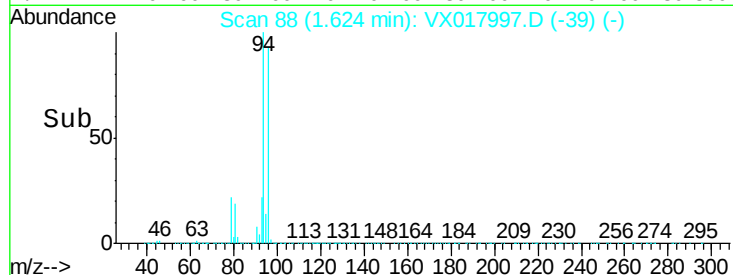
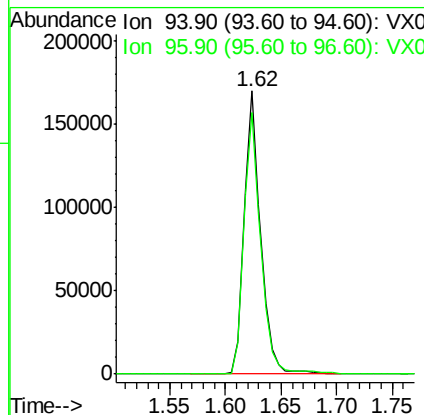
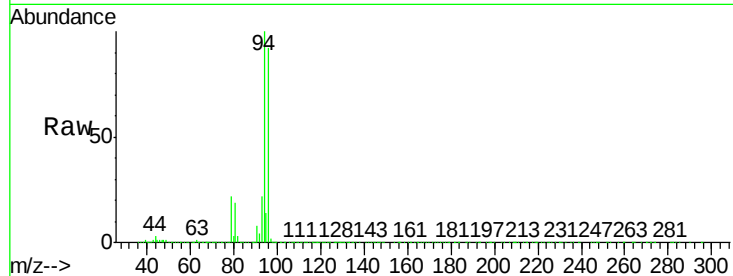
Ion Ratio Lower Upper

94 100

96 92.4 75.5 113.3

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#6

Chloroethane

Concen: 49.082 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017997.D

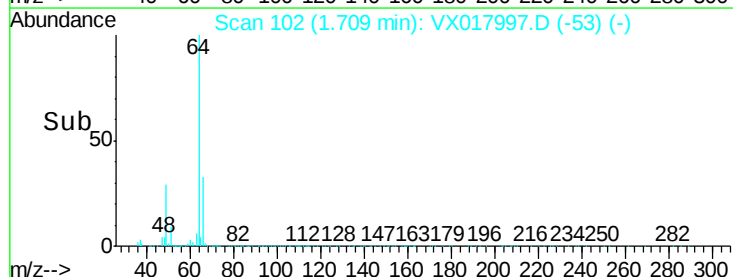
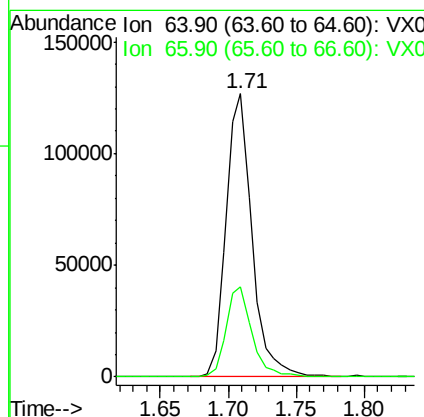
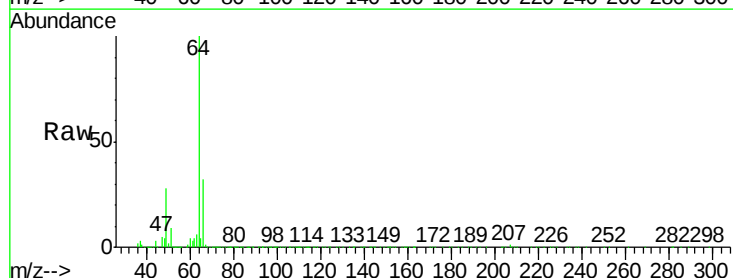
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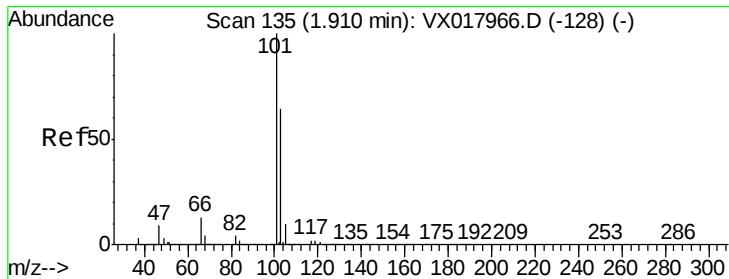
Tgt Ion: 64 Resp: 166170

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.4





#7

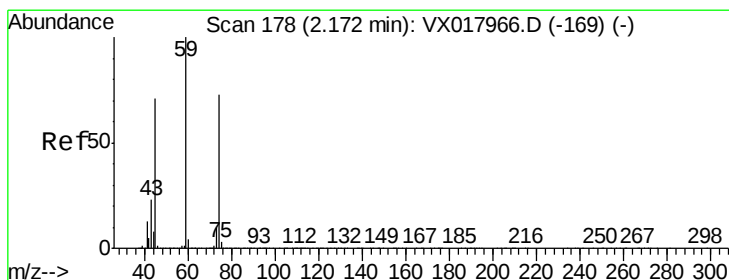
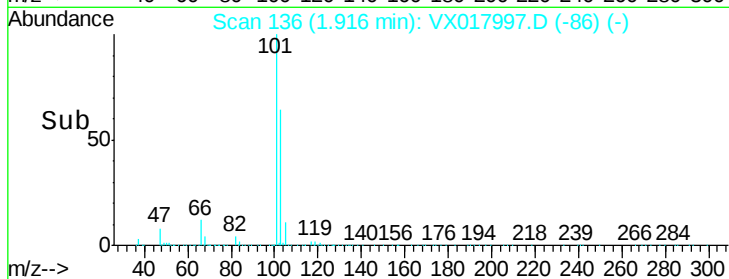
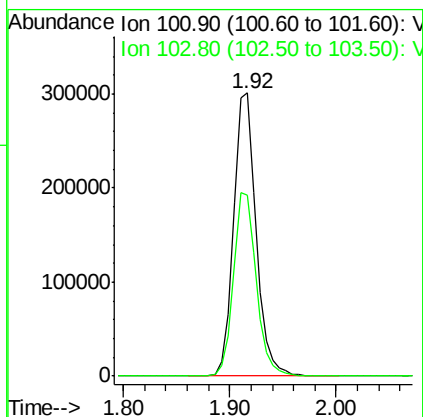
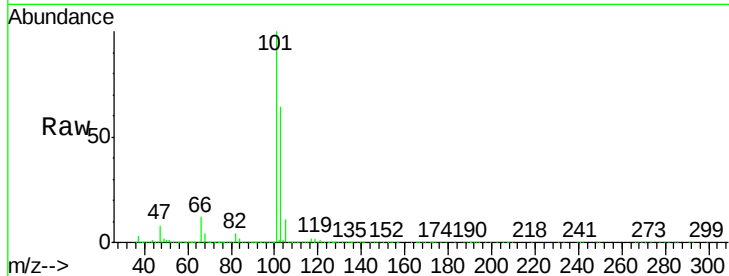
Trichlorofluoromethane
Concen: 47.377 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017997.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.2	76.8

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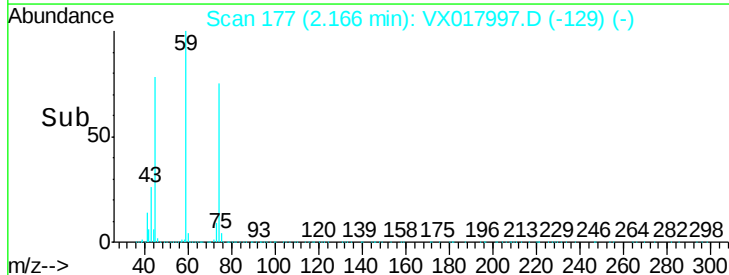
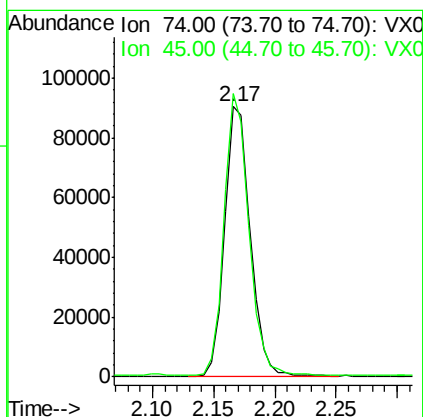
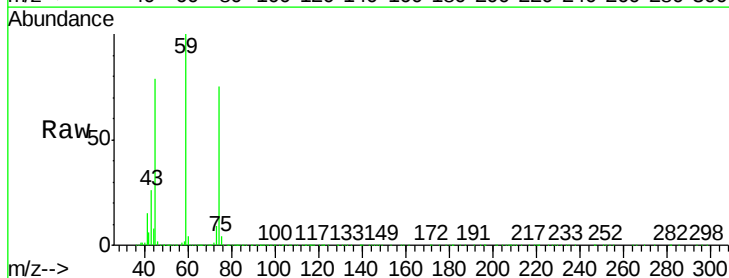
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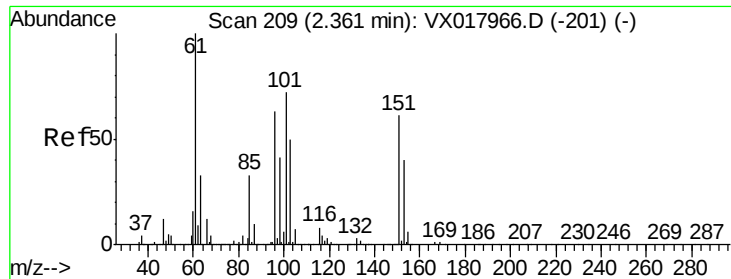


#8

Diethyl Ether
Concen: 47.635 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.742 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

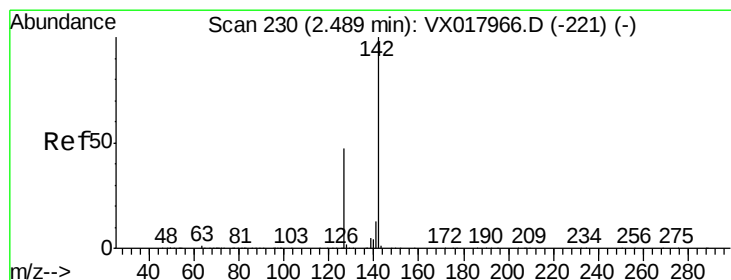
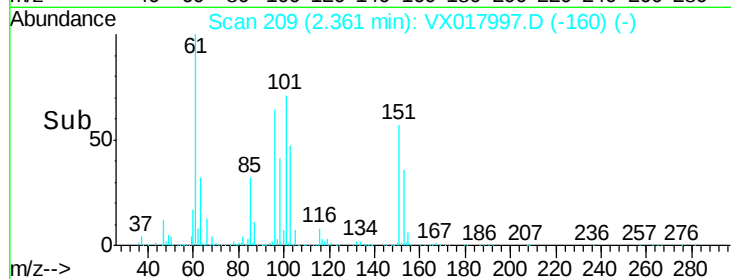
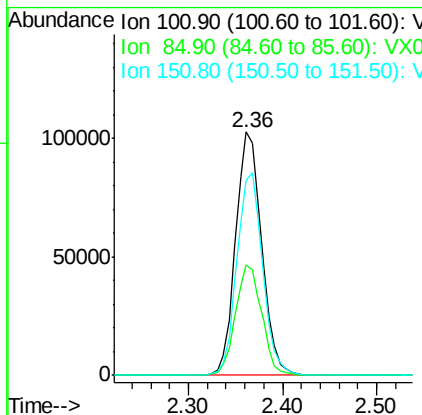
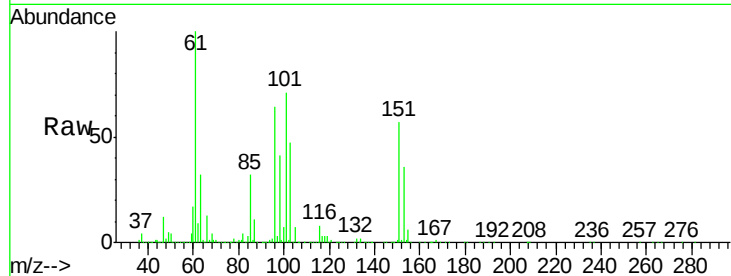
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	45.2	35.4	53.2
151	82.0	65.4	98.0

Manual Integrations
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8/20/2020 9:10:53 AM



#10

Methyl Iodide

Concen: 41.190 ug/l

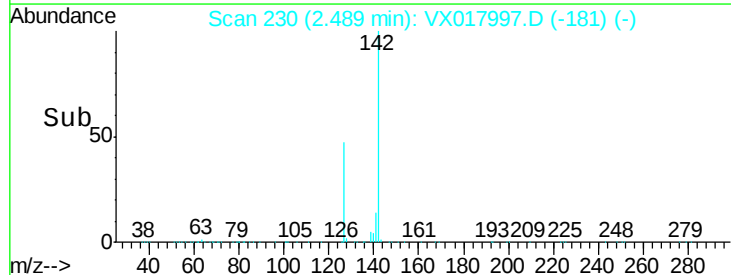
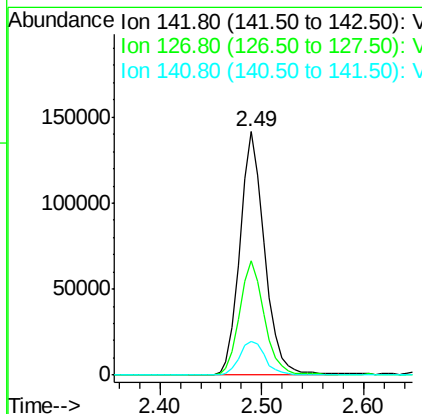
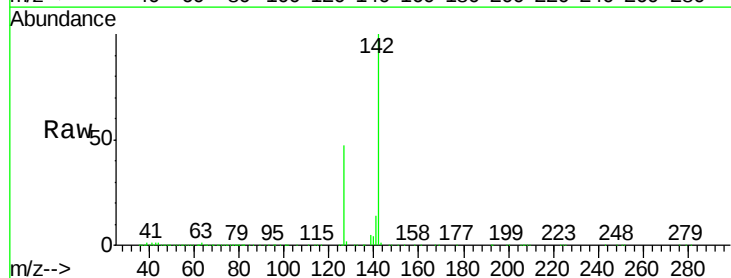
RT: 2.49 min Scan# 230

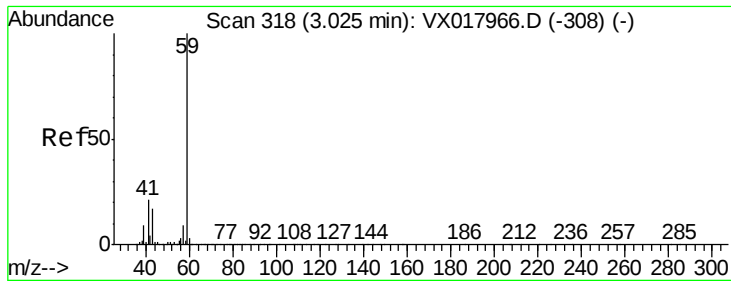
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	47.7	38.0	57.0
141	14.8	11.2	16.8





#11

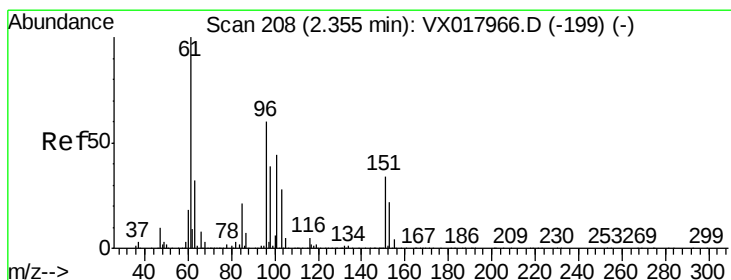
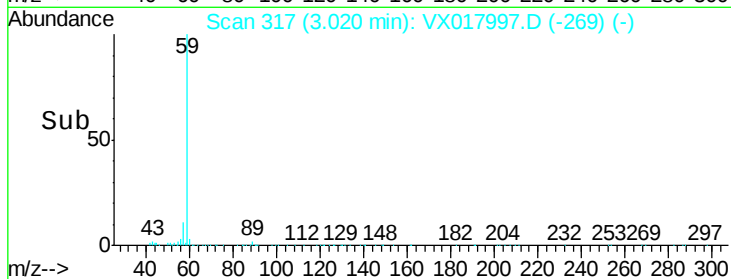
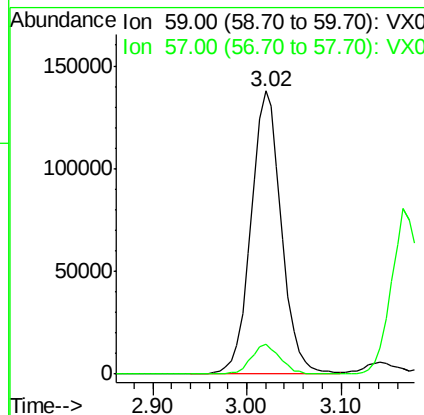
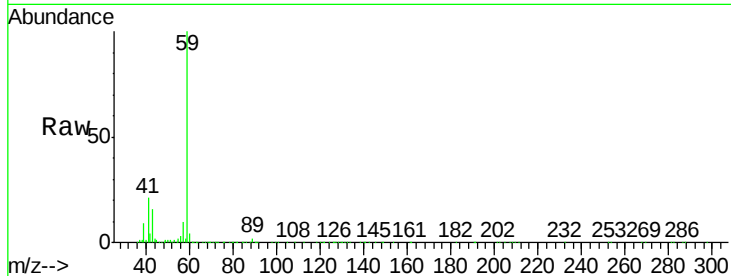
Tert butyl alcohol
Concen: 244.561 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	312471		
57	57	9.8		8.6	13.0

Manual Integrations
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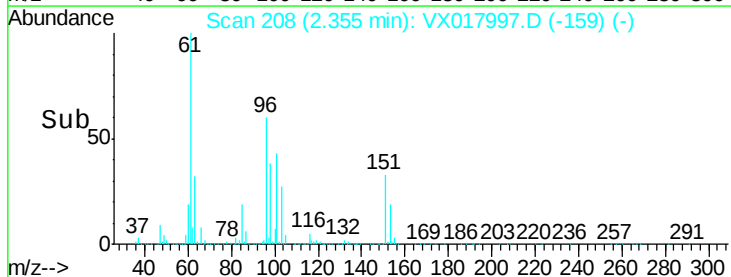
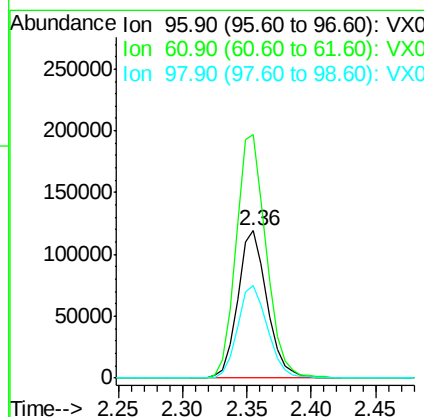
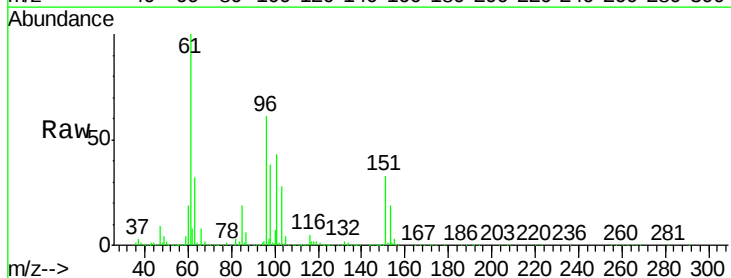
MMDadoda
8/20/2020 9:10:53 AM

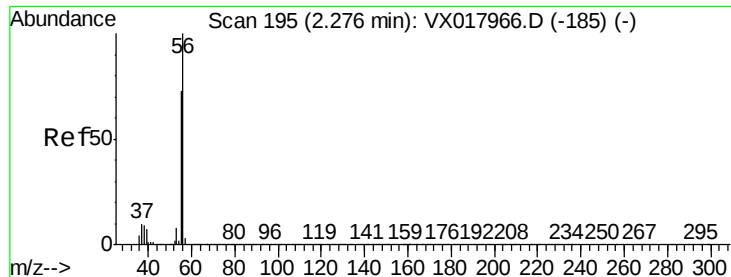


#12

1,1-Dichloroethene
Concen: 46.222 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	188076		
61	61	165.1		132.9	199.3
98	98	62.8		51.6	77.4





#13

Acrolein

Concen: 275.022 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 185621

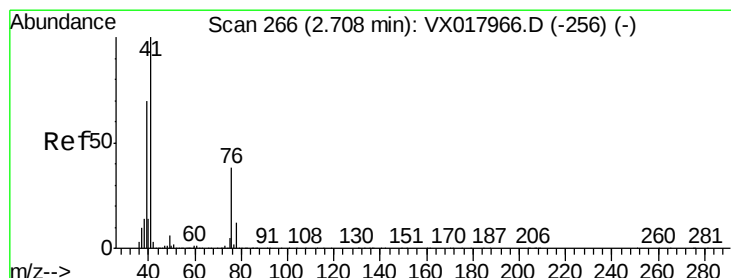
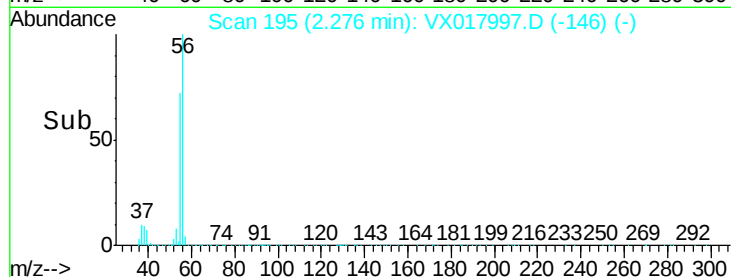
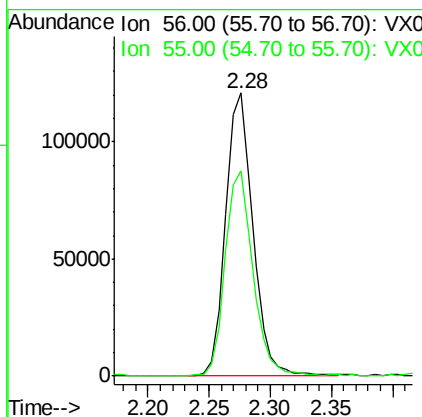
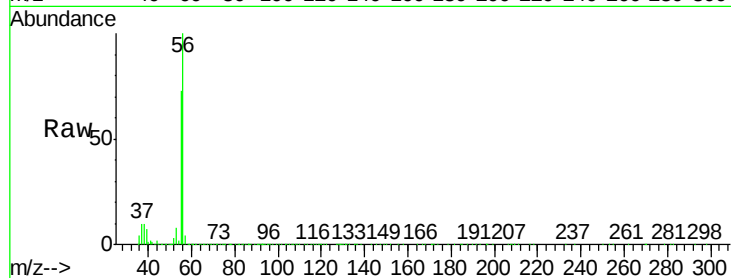
Ion Ratio Lower Upper

56 100

55 73.5 58.2 87.4

Manual Integrations
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MMDadoda
8/20/2020 9:10:53 AM



#14

Allyl chloride

Concen: 49.760 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

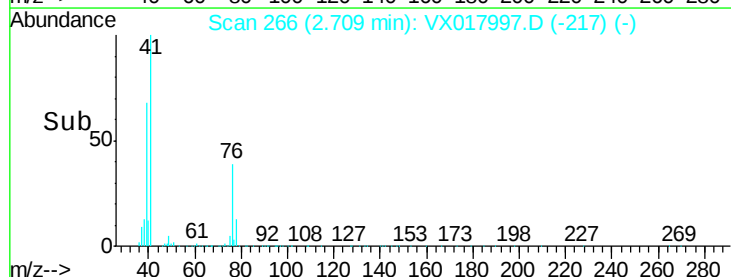
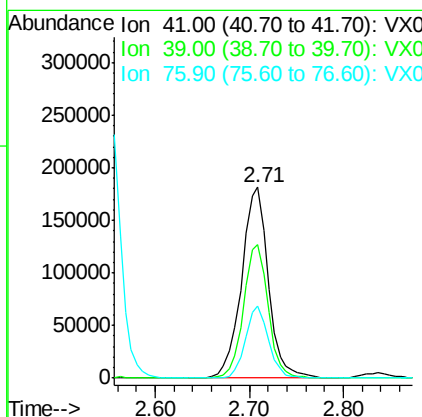
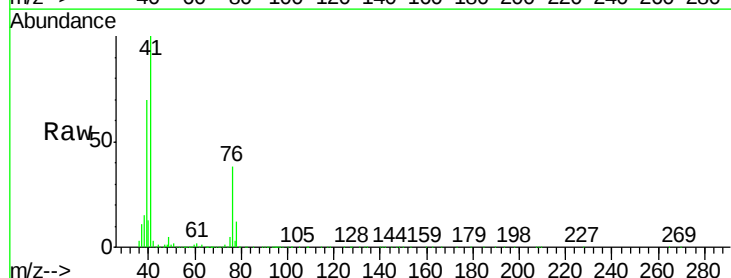
Tgt Ion: 41 Resp: 361112

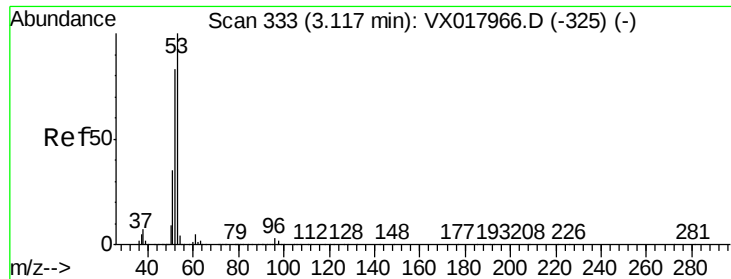
Ion Ratio Lower Upper

41 100

39 64.1 51.7 77.5

76 32.4 26.3 39.5





#15

Acrylonitrile

Concen: 248.204 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

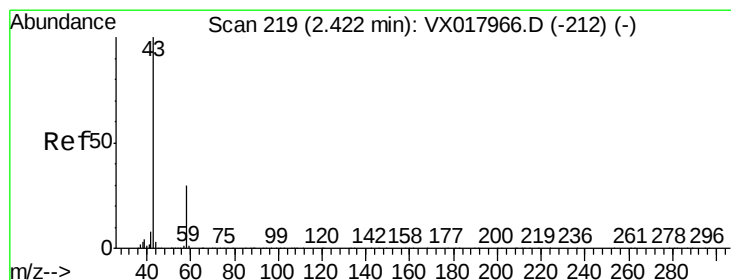
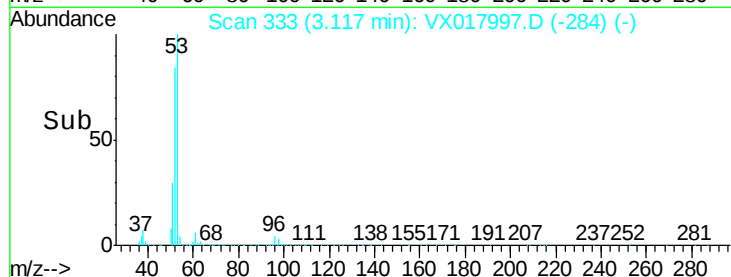
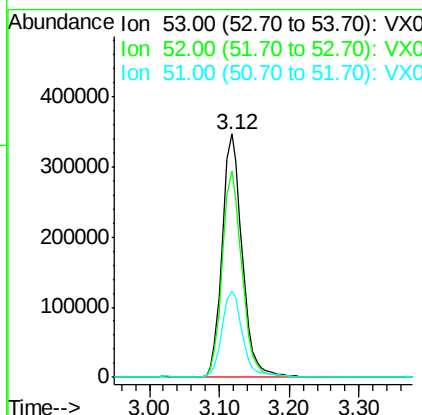
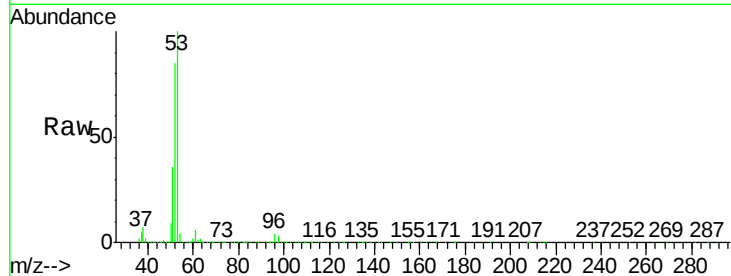
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	692564
Ion Ratio		Lower	Upper
53	100		
52	83.6	67.1	100.7
51	36.7	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 239.831 ug/l

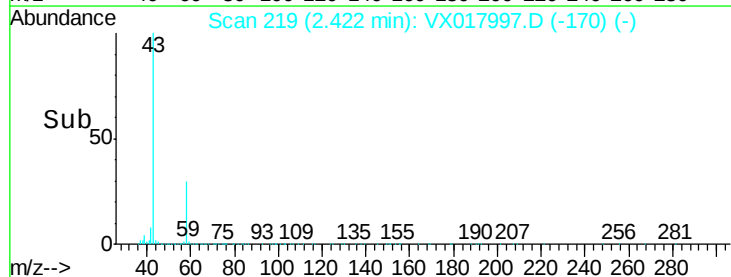
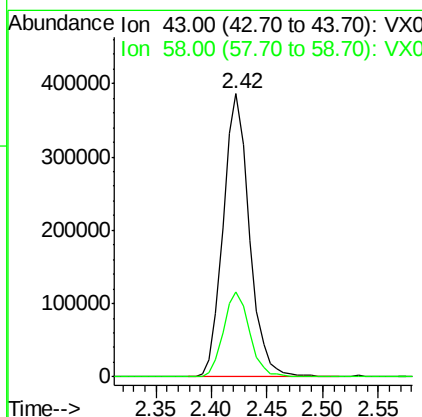
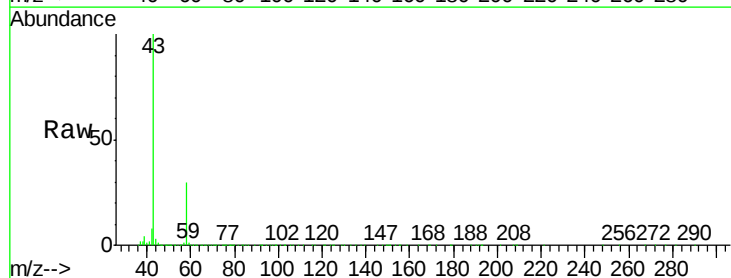
RT: 2.42 min Scan# 219

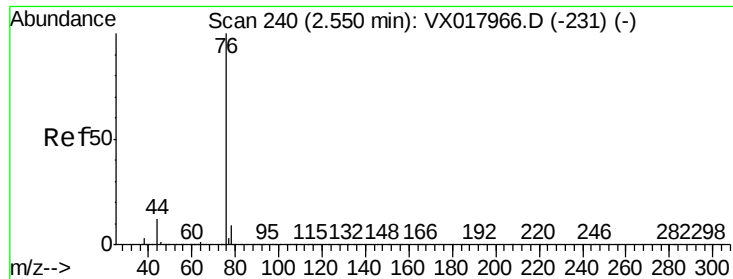
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion:	43	Resp:	624382
Ion Ratio		Lower	Upper
43	100		
58	30.0	23.8	35.8





#17

Carbon Disulfide

Concen: 49.233 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 486047

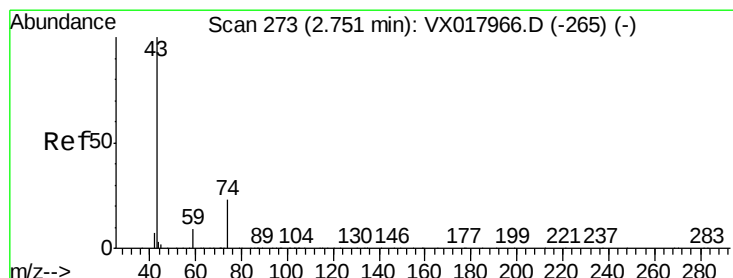
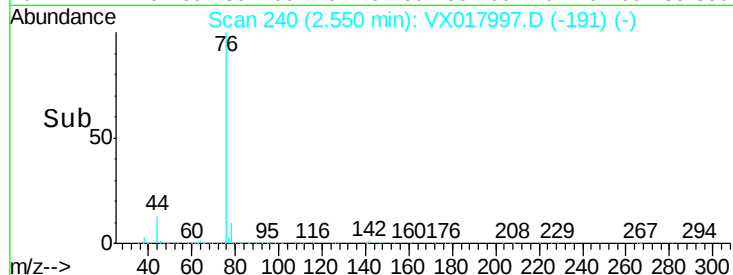
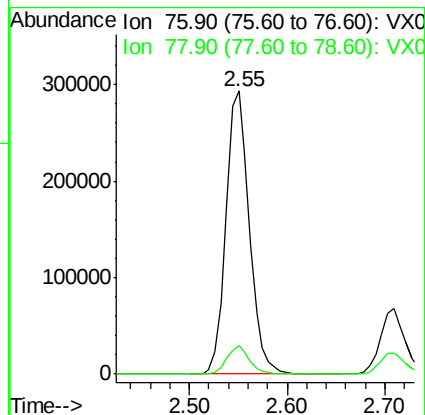
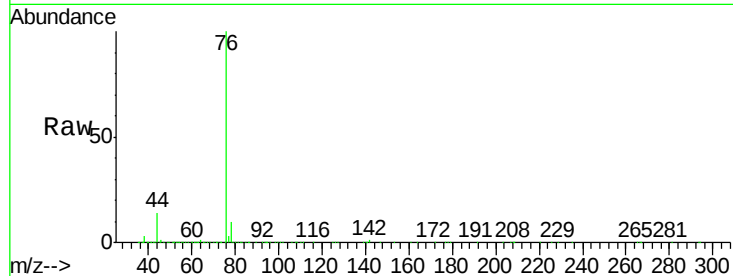
Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9

Manual Integrations
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#18

Methyl Acetate

Concen: 52.175 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017997.D

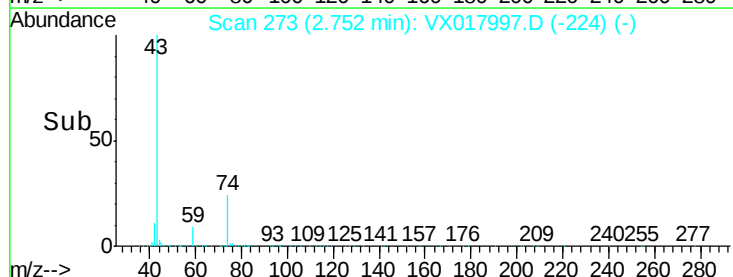
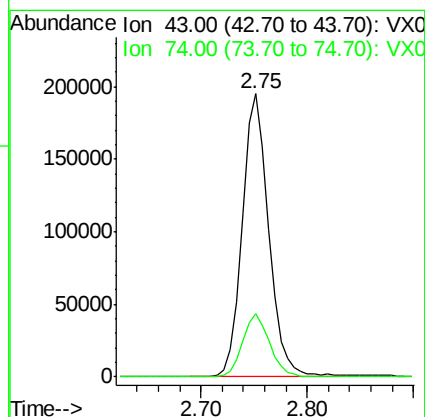
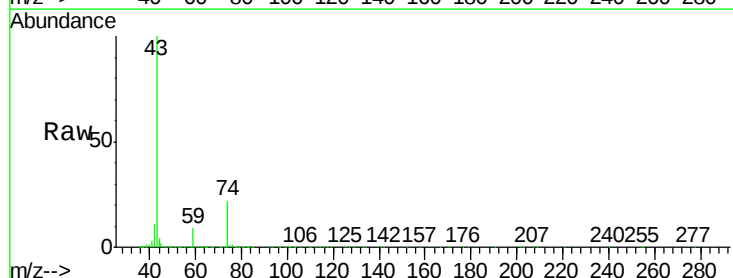
Acq: 19 Aug 2020 20:39

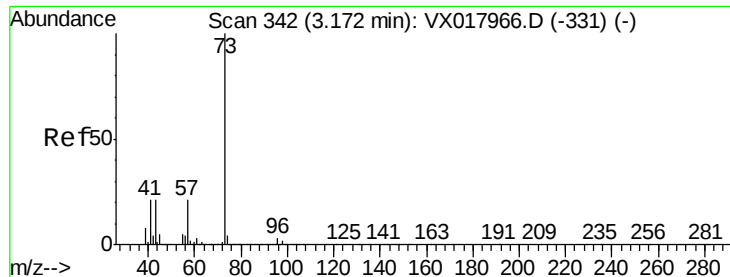
Tgt Ion: 43 Resp: 341799

Ion Ratio Lower Upper

43 100

74 22.7 19.7 29.5





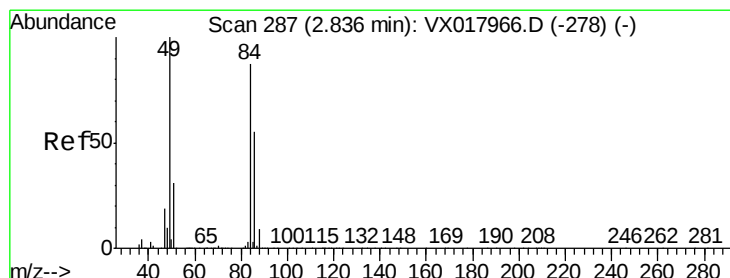
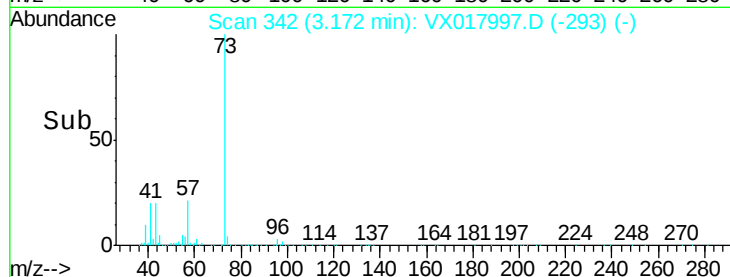
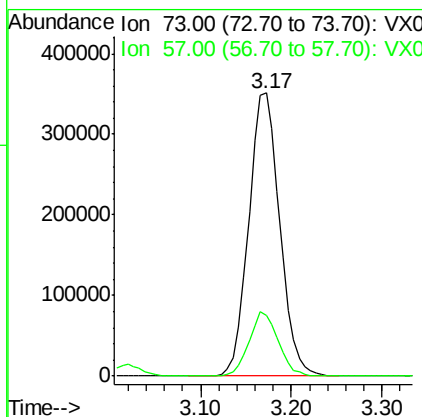
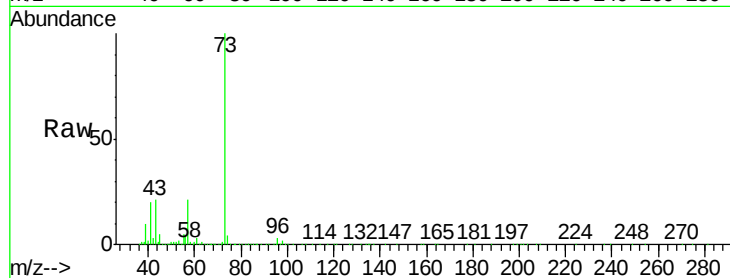
#19
Methyl tert-butyl Ether
Concen: 53.370 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.9	25.3

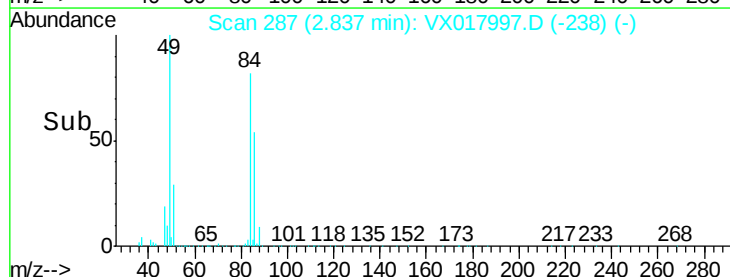
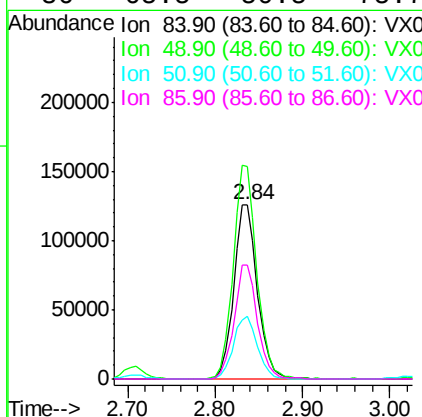
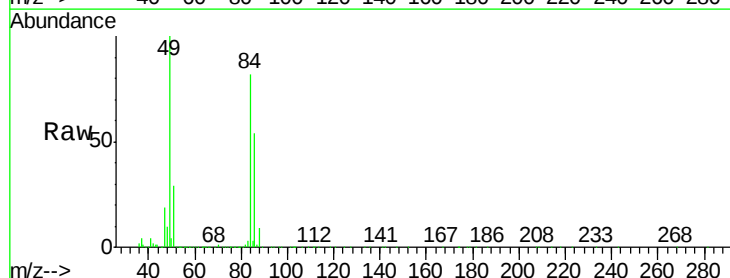
Manual Integrations
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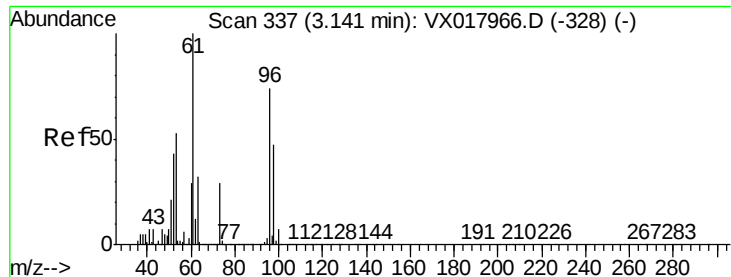
MMDadoda
8/20/2020 9:10:53 AM



#20
Methylene Chloride
Concen: 49.417 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	91.8	137.6
51	35.8	27.8	41.8
86	65.5	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 50.362 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

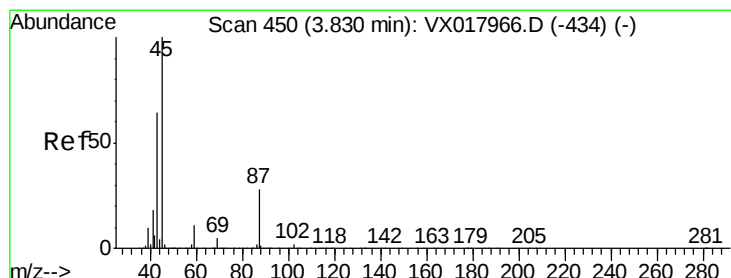
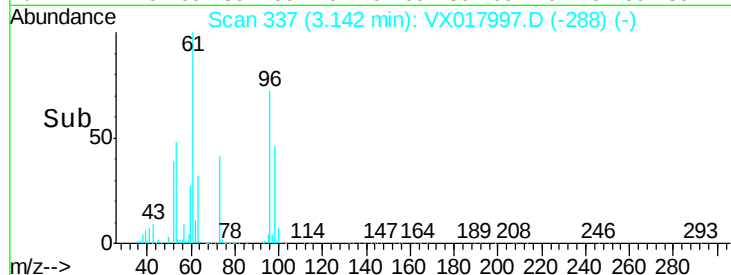
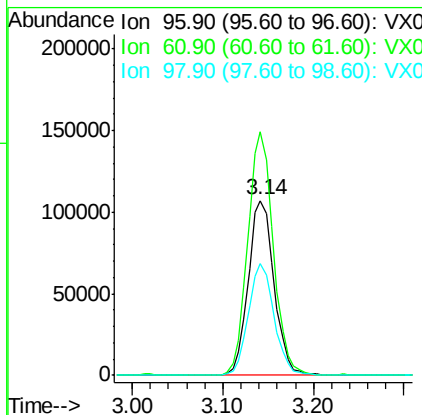
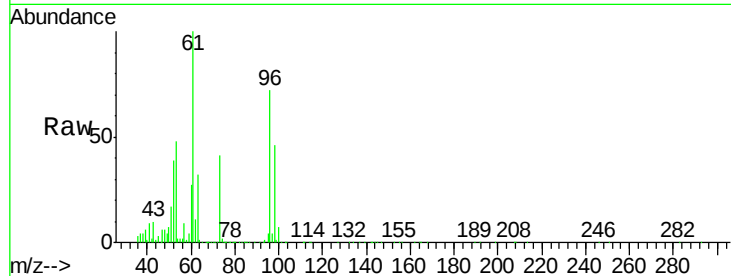
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	210666
Ion	Ratio	Lower	Upper
96	100		
61	139.2	108.6	163.0
98	63.6	51.4	77.0

Manual Integrations
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8/20/2020 9:10:53 AM



#22

Diisopropyl ether

Concen: 53.610 ug/l

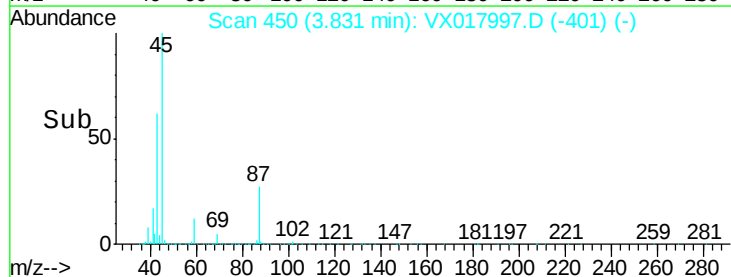
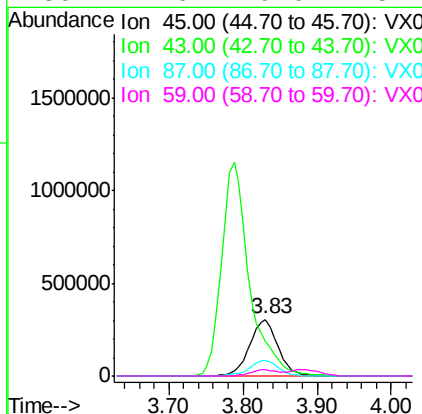
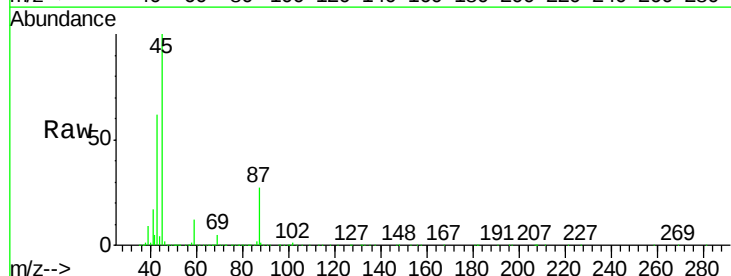
RT: 3.83 min Scan# 450

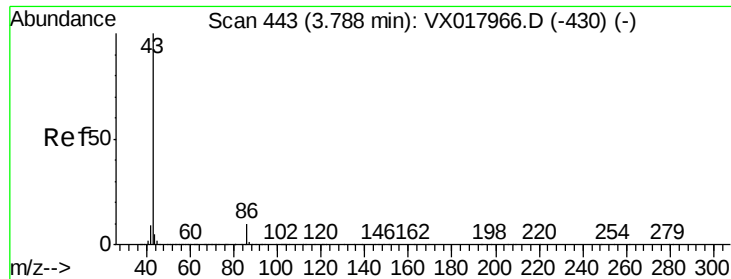
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion:	45	Resp:	815565
Ion	Ratio	Lower	Upper
45	100		
43	61.5	51.5	77.3
87	26.5	22.6	33.8
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 258.279 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3002631

Ion Ratio Lower Upper

43 100

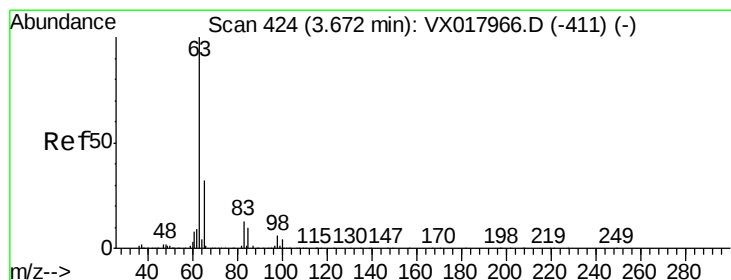
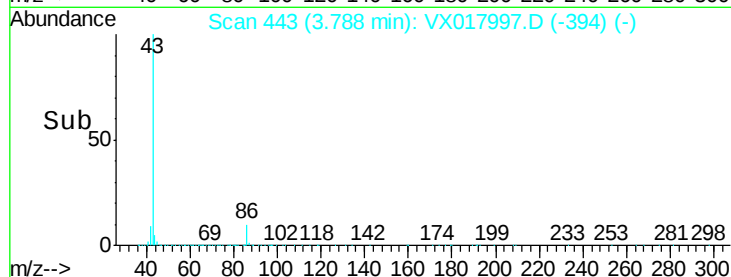
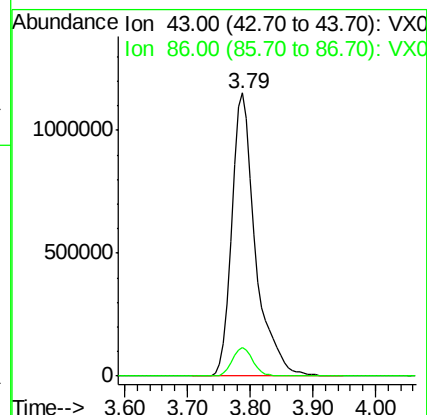
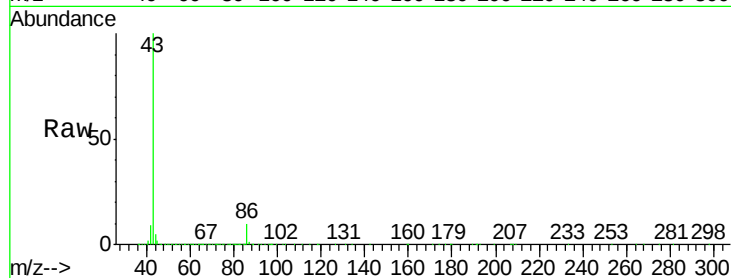
86 10.1 8.1 12.1

Manual Integrations

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MMDadoda

8/20/2020 9:10:53 AM



#24

1,1-Dichloroethane

Concen: 50.342 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

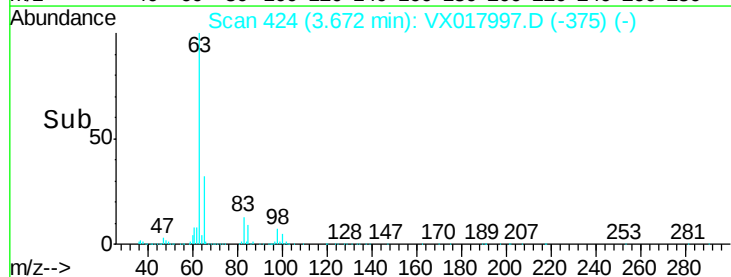
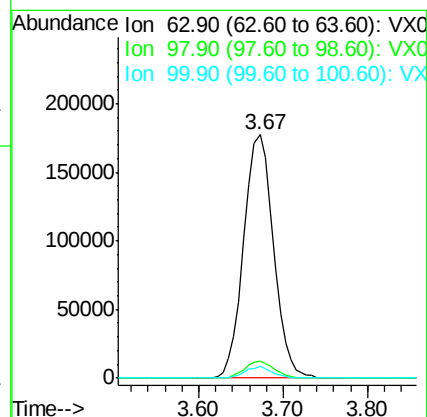
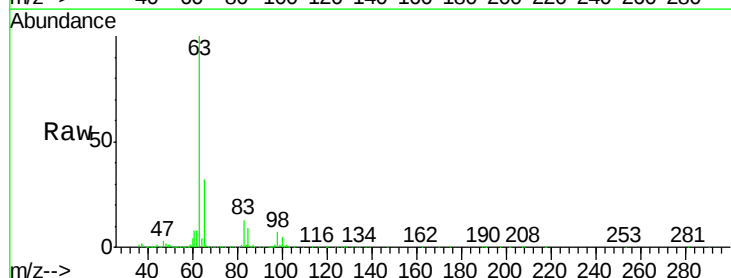
Tgt Ion: 63 Resp: 424549

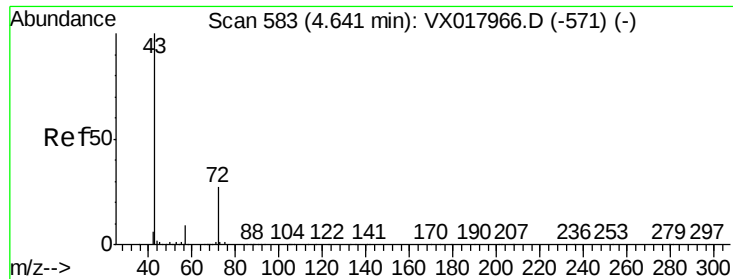
Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.0

100 4.6 2.0 5.8





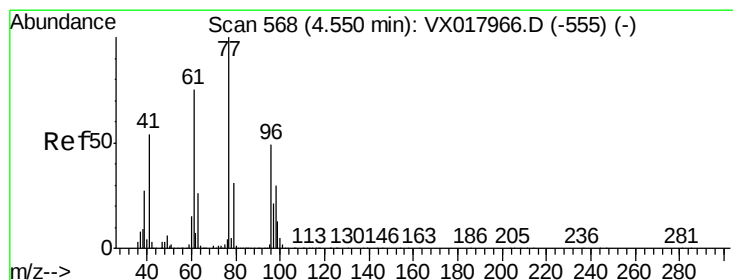
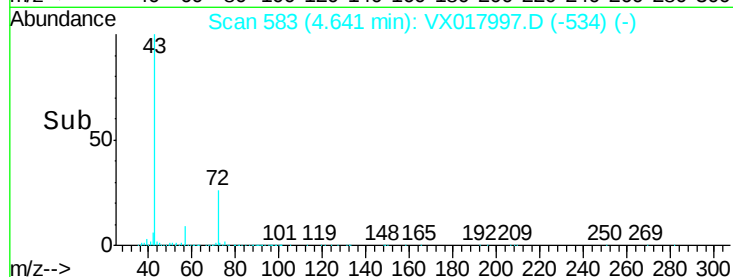
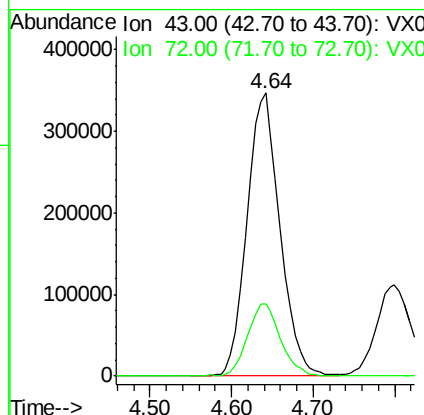
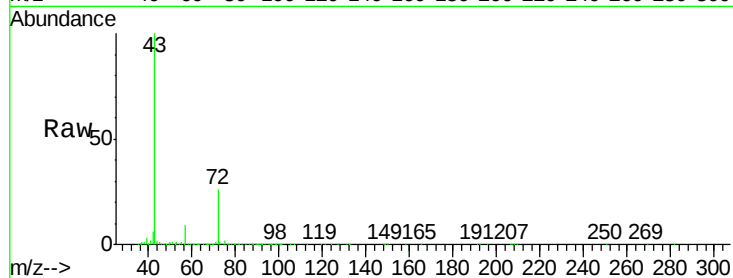
#25
2-Butanone
Concen: 246.177 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.4	32.2

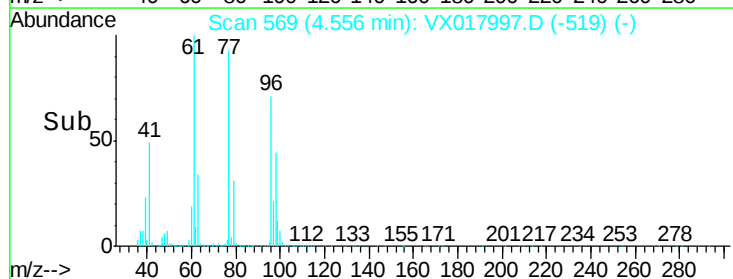
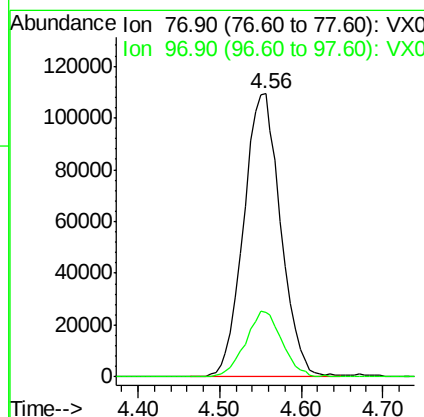
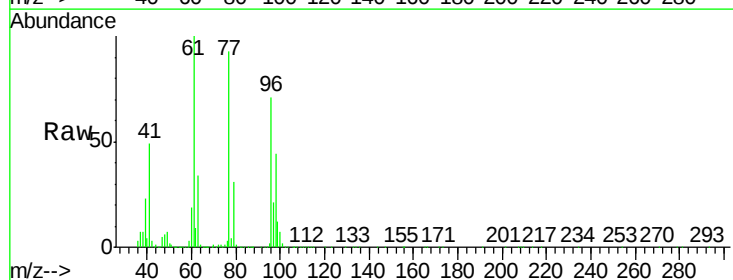
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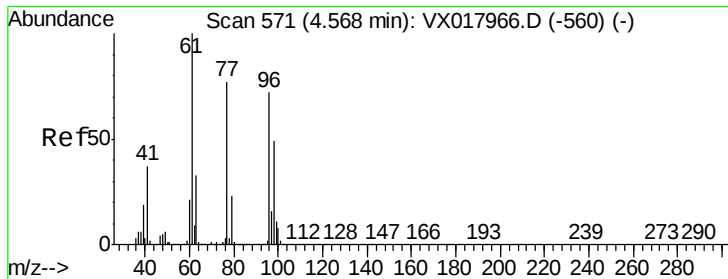
MMDadoda
8/20/2020 9:10:53 AM



#26
2,2-Dichloropropane
Concen: 45.037 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.8	10.9	32.9





#27

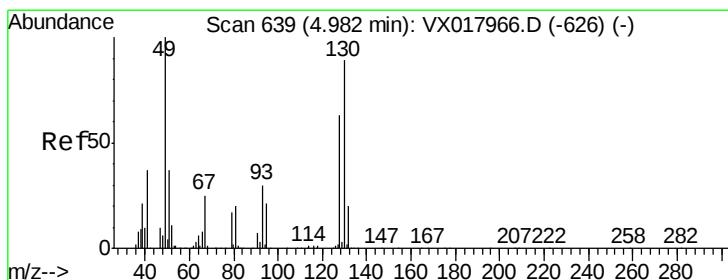
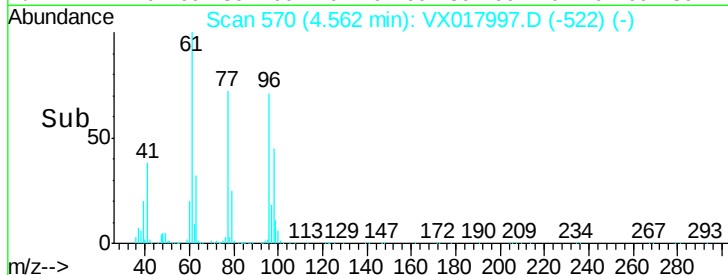
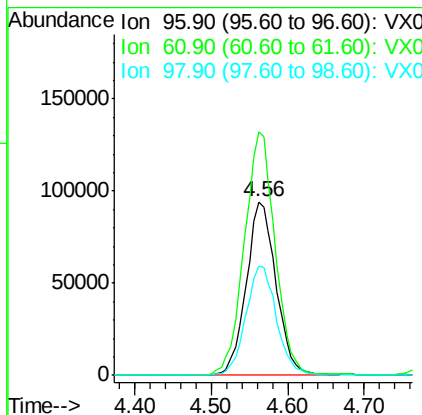
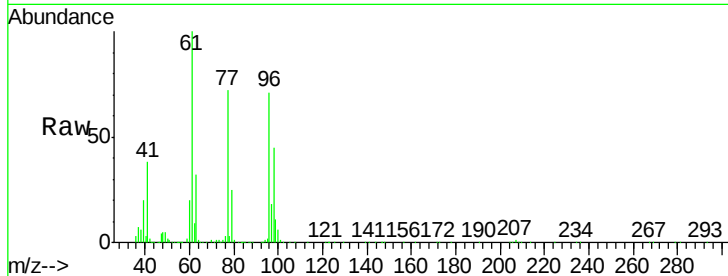
cis-1,2-Dichloroethene
 Concen: 51.814 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	255676		
61	144.4	0.0	298.8	
98	64.5	0.0	130.2	

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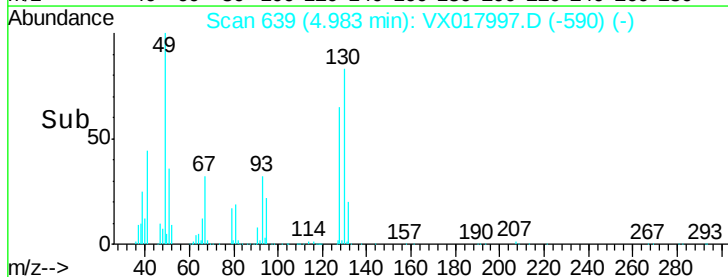
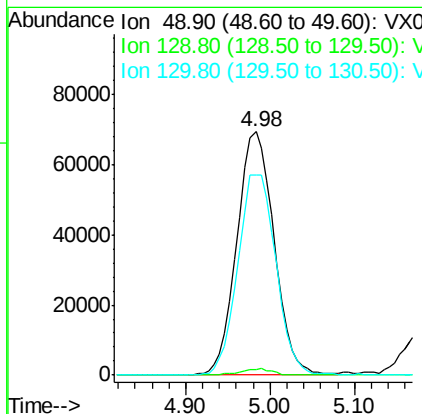
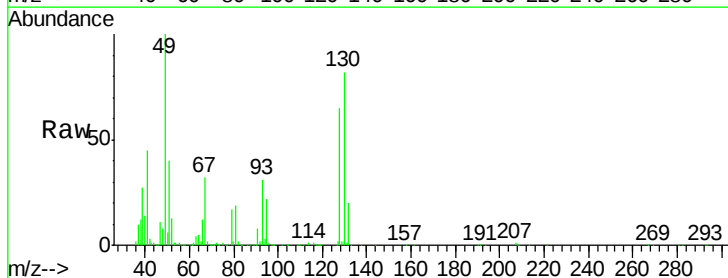
MMDadoda
 8/20/2020 9:10:53 AM

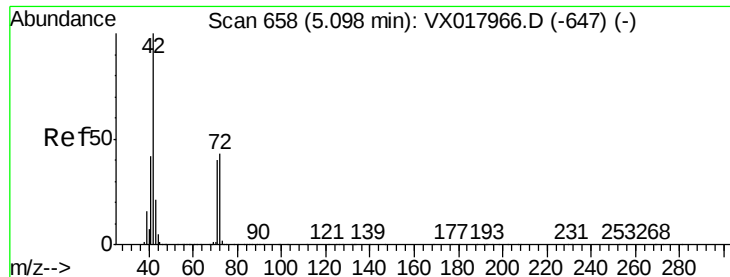


#28

Bromochloromethane
 Concen: 47.549 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	207225		
129	2.3	0.0	3.6	
130	84.9	68.5	102.7	





#29

Tetrahydrofuran

Concen: 255.250 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

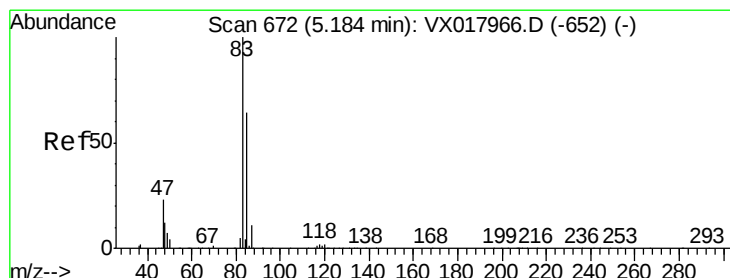
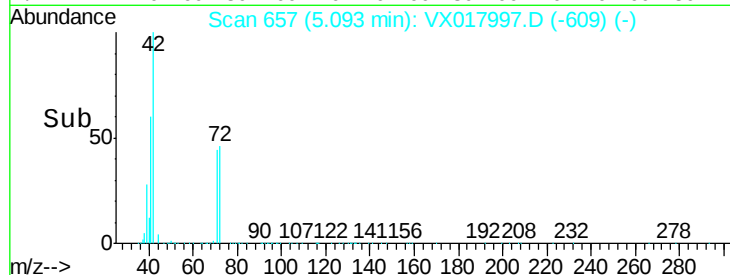
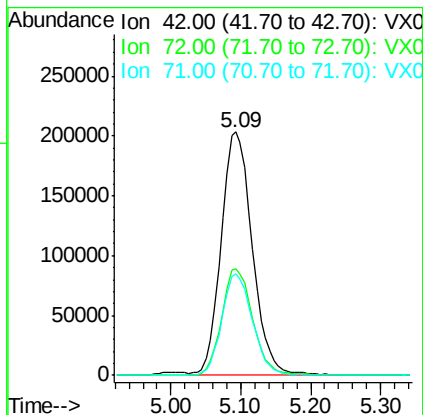
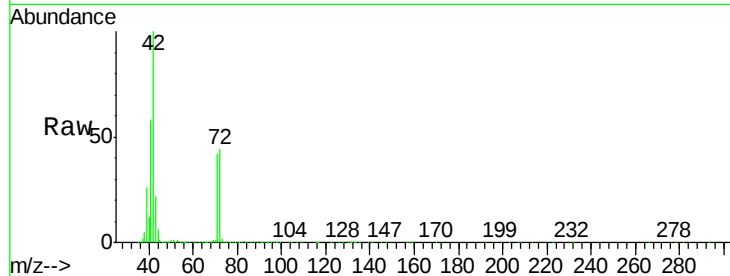
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	624813
Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.9	53.9
71	40.9	33.0	49.4

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#30

Chloroform

Concen: 50.422 ug/l

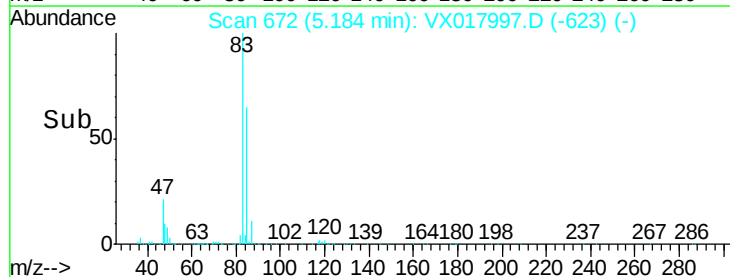
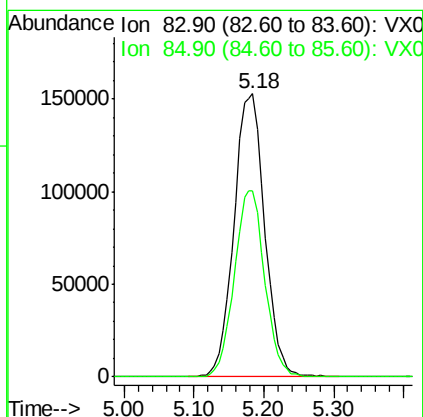
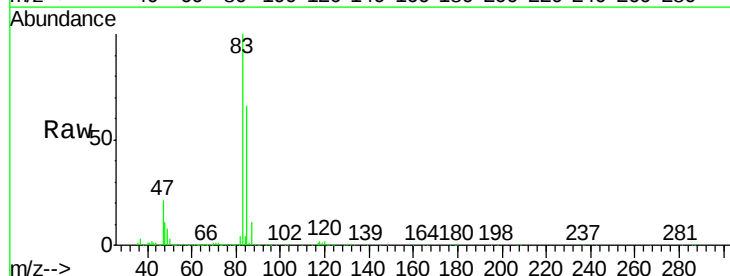
RT: 5.18 min Scan# 672

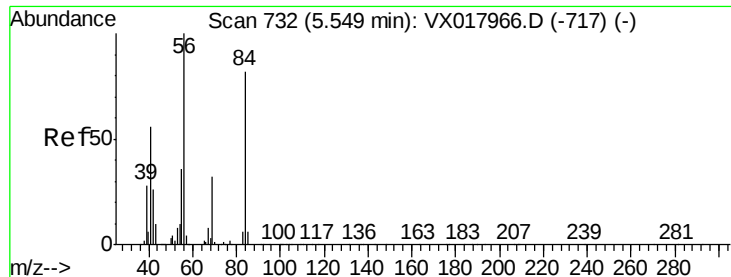
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion:	83	Resp:	464772
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.3	76.9





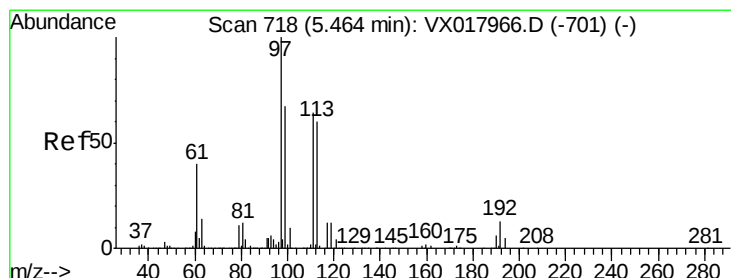
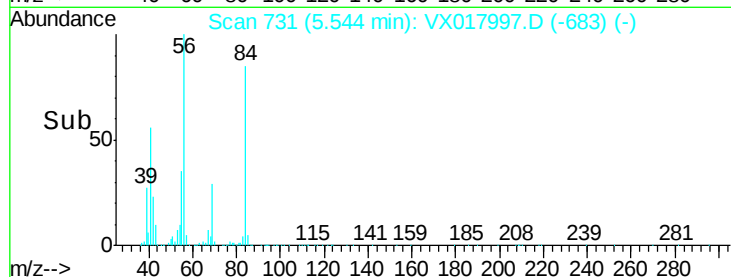
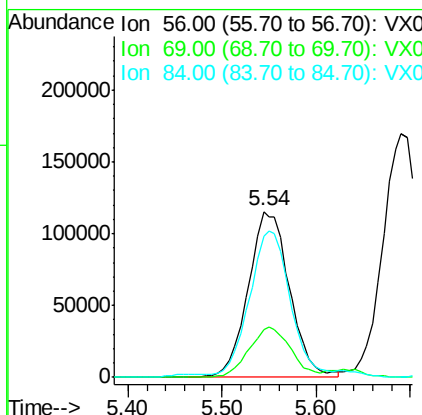
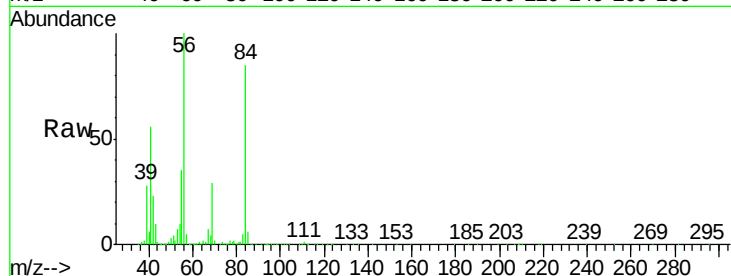
#31
Cyclohexane
Concen: 51.601 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.3	37.9
84	83.2	65.3	97.9

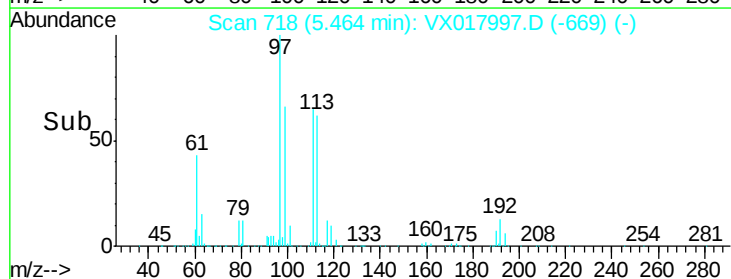
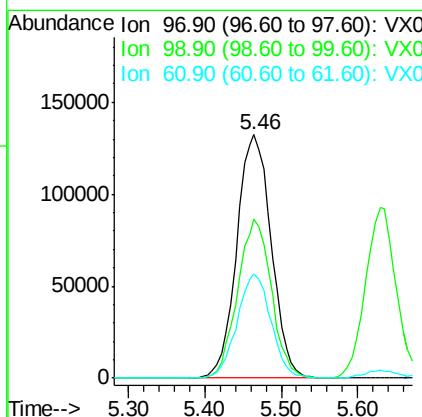
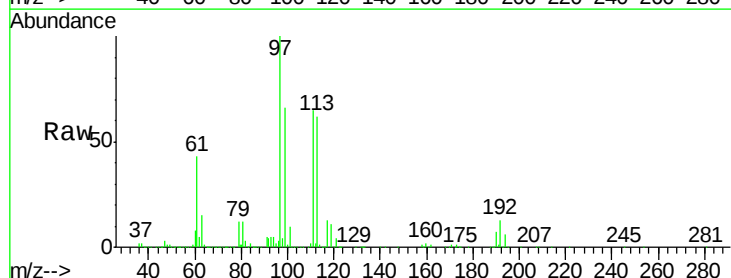
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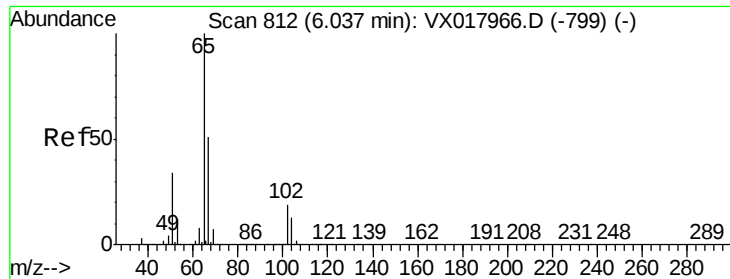
MMDadoda
8/20/2020 9:10:53 AM



#32
1,1,1-Trichloroethane
Concen: 49.341 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.2	33.7	50.5





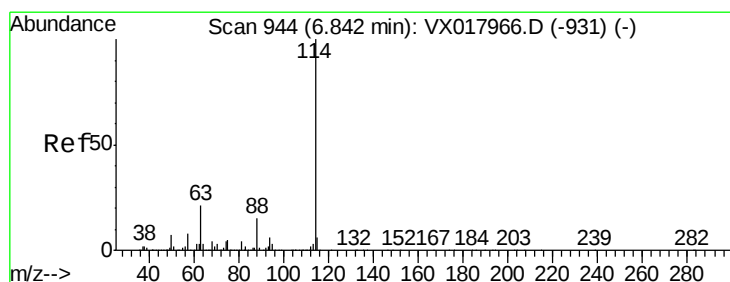
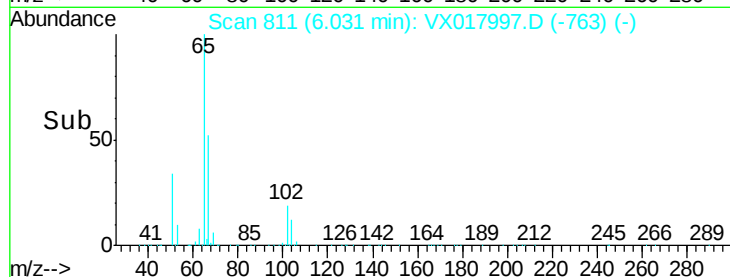
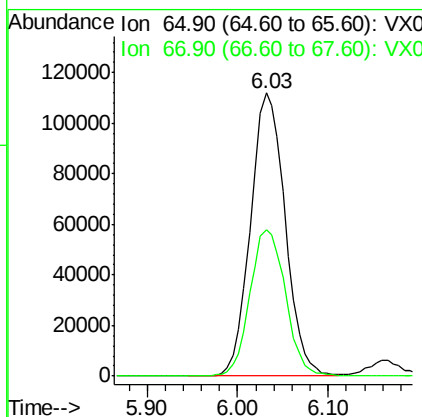
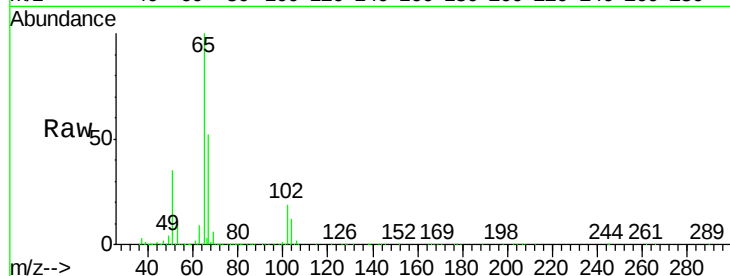
#33
 1,2-Dichloroethane-d4
 Concen: 44.739 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	296061		
67	53.0	0.0	103.0	

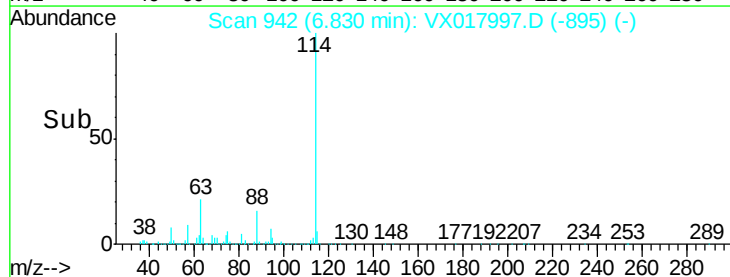
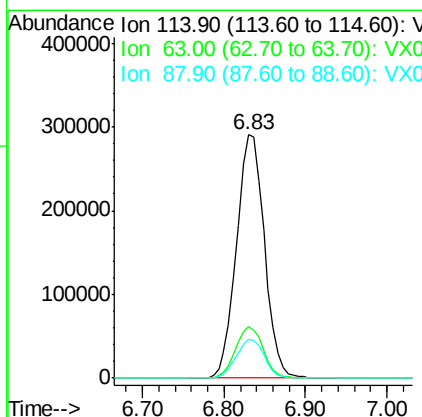
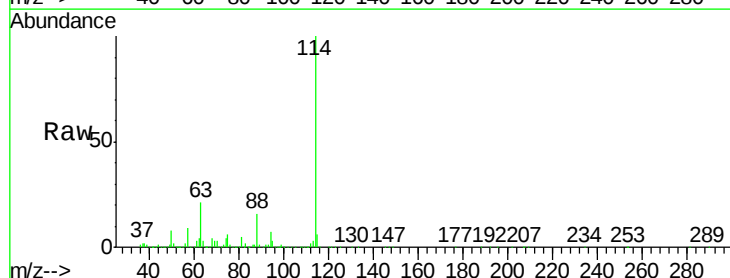
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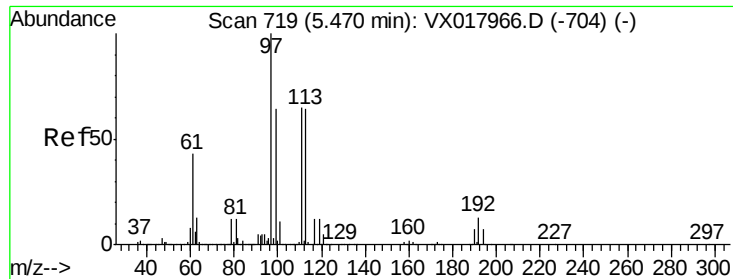
MMDadoda
 8/20/2020 9:10:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	688668		
63	21.4	0.0	42.6	
88	16.2	0.0	30.2	





#35

Dibromofluoromethane

Concen: 45.483 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

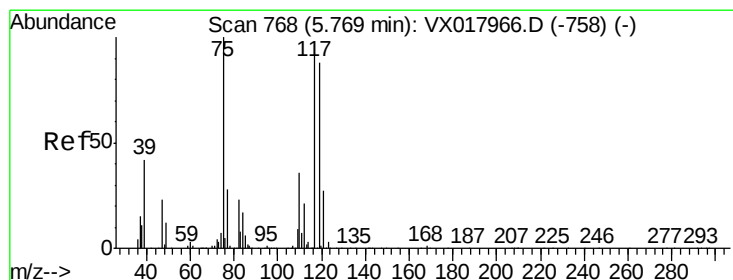
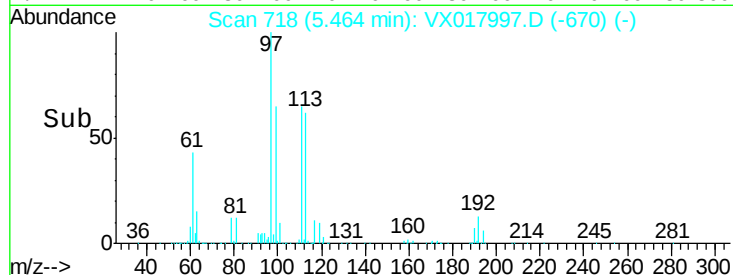
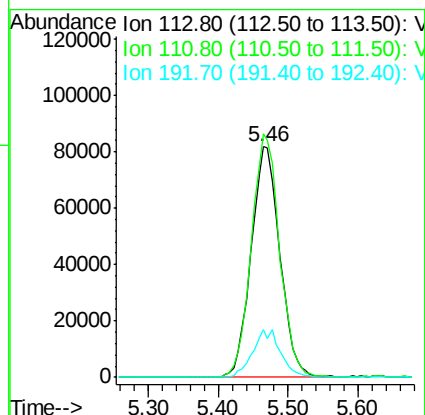
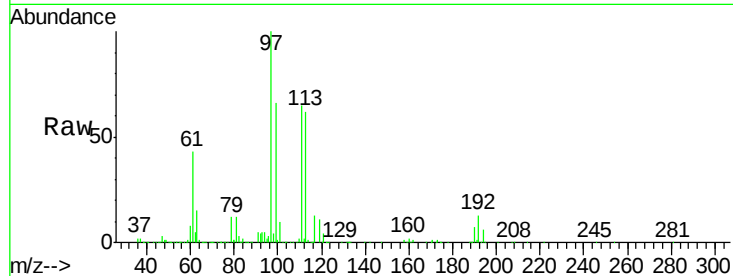
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	233254
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.5	125.3
192	20.0	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 50.242 ug/l

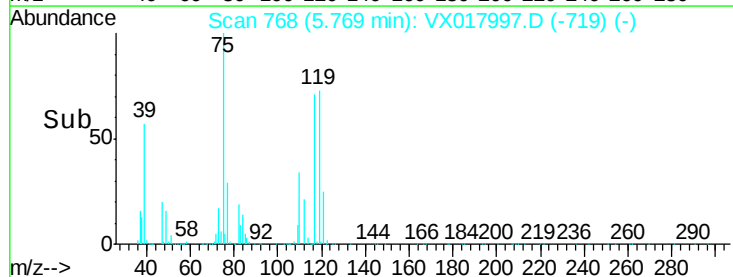
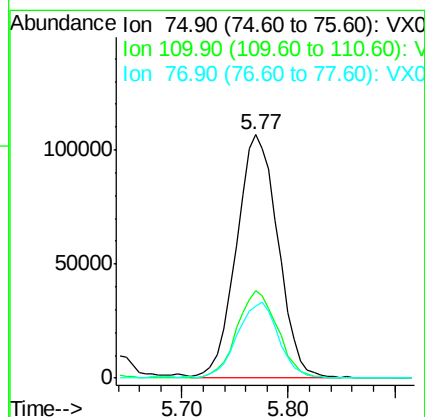
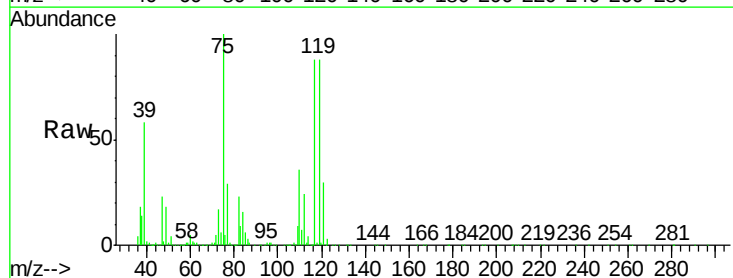
RT: 5.77 min Scan# 768

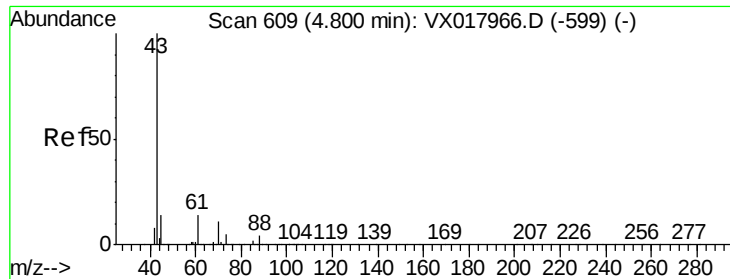
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion:	75	Resp:	289605
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.7	56.1
77	31.2	24.4	36.6





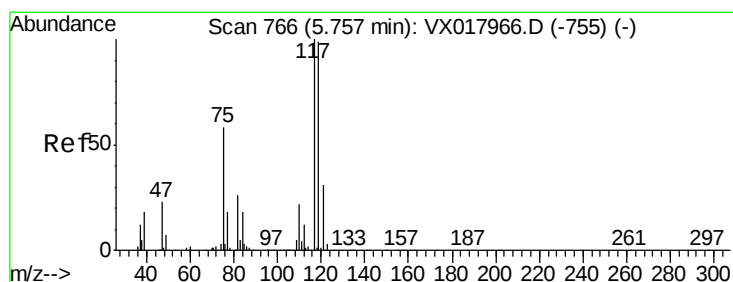
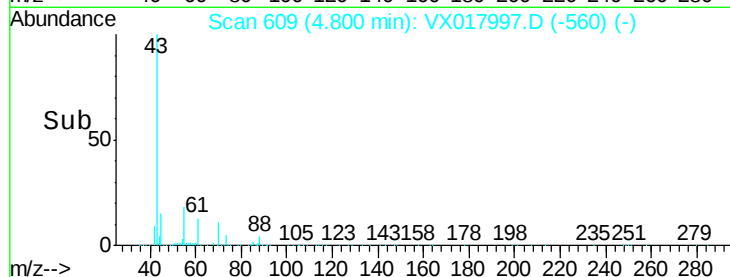
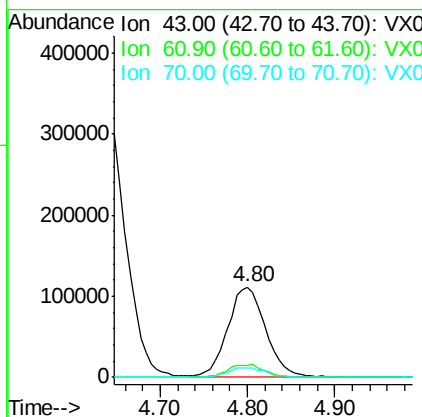
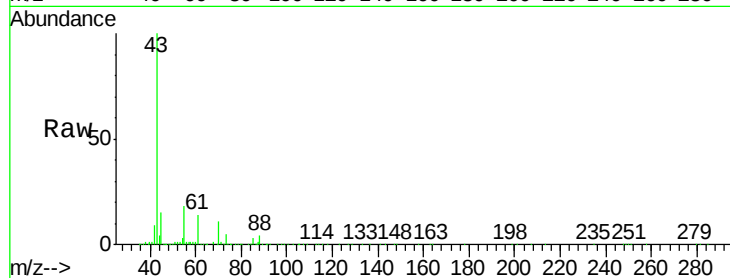
#37
Ethyl Acetate
Concen: 48.216 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	11.2	8.5	12.7

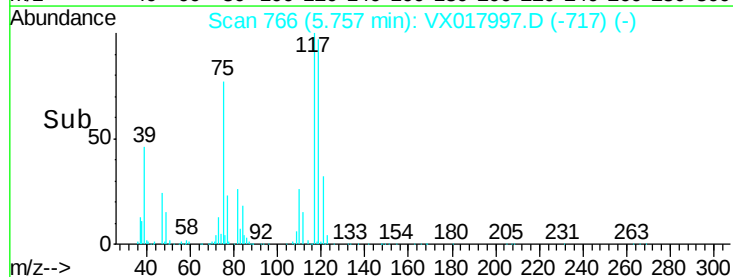
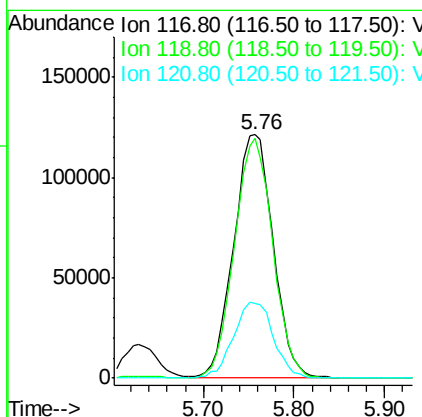
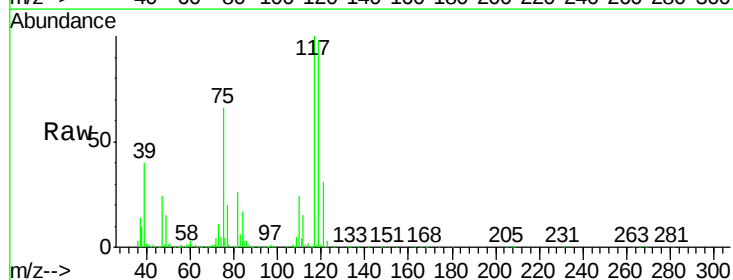
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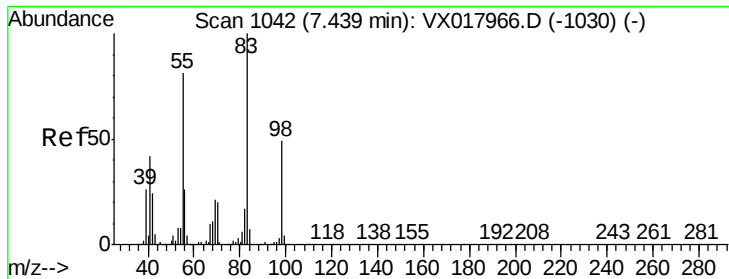
MMDadoda
8/20/2020 9:10:53 AM



#38
Carbon Tetrachloride
Concen: 49.066 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	79.0	118.6
121	30.7	24.7	37.1





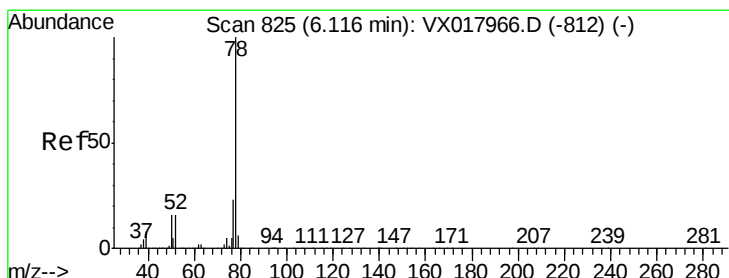
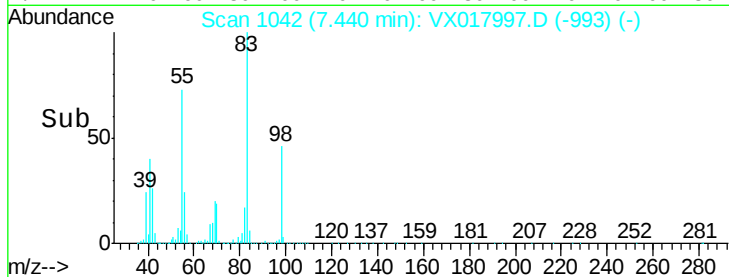
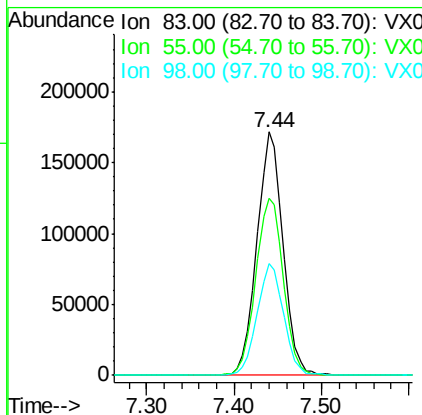
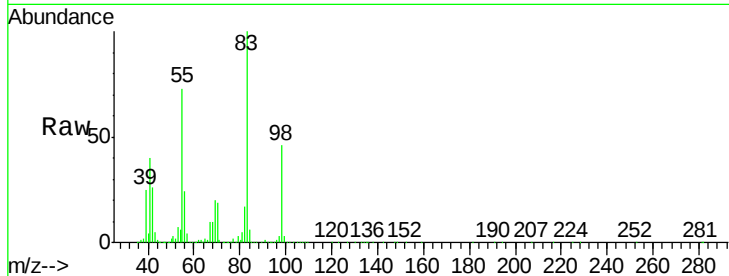
#39
Methvlcvclohexane
Concen: 48.321 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	356527		
55	72.6	64.5	96.7	
98	45.9	39.0	58.6	

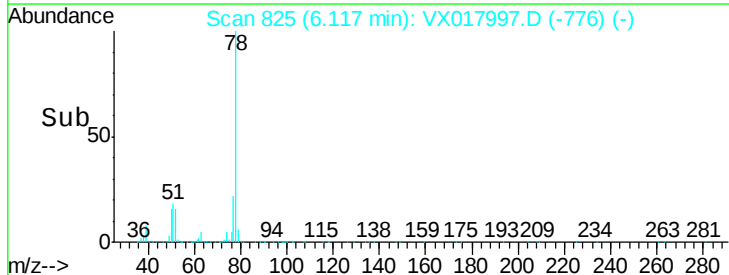
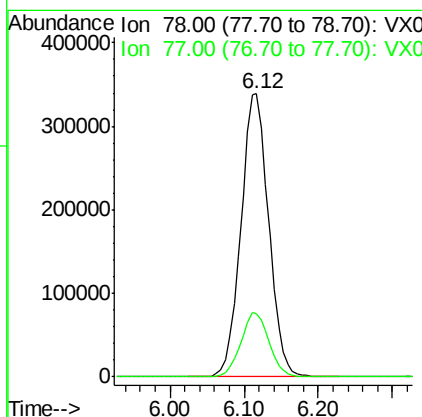
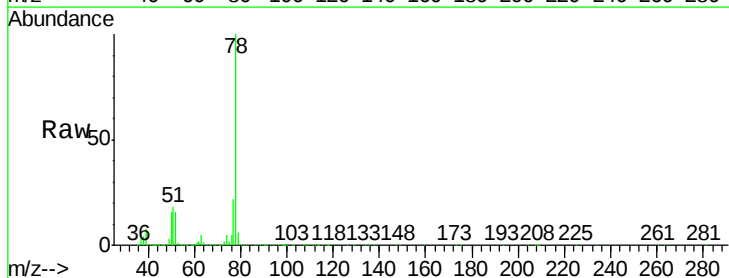
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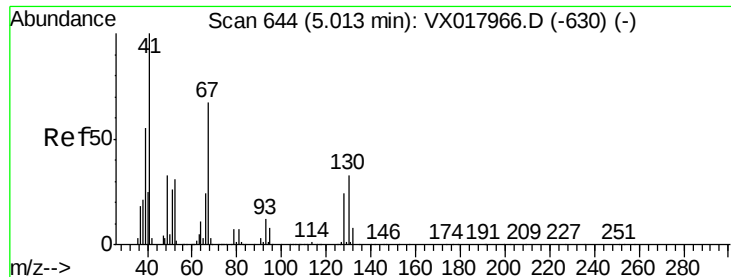
MMDadoda
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#40
Benzene
Concen: 51.086 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	886922		
77	22.2	18.8	28.2	





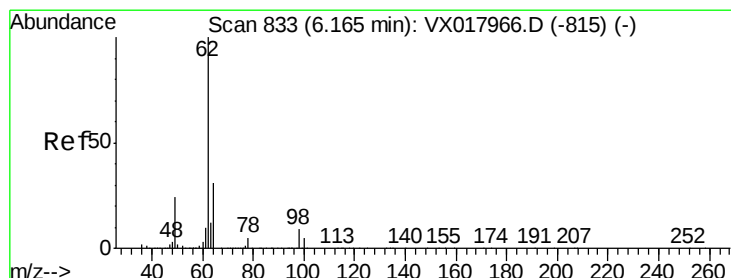
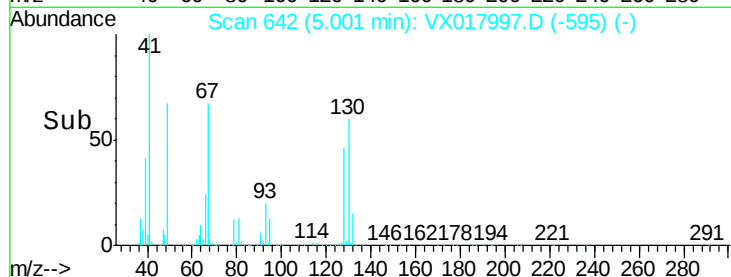
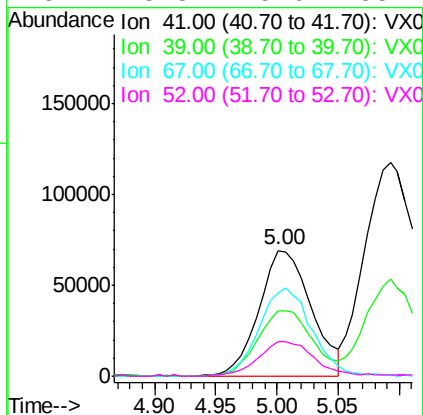
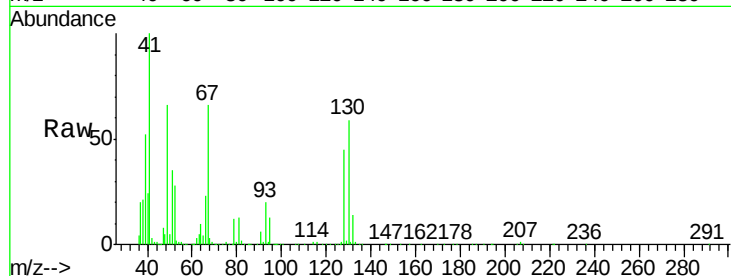
#41
Methacrylonitrile
Concen: 51.775 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	44.8	67.2	
67	71.1	57.5	86.3	
52	28.8	25.6	38.4	

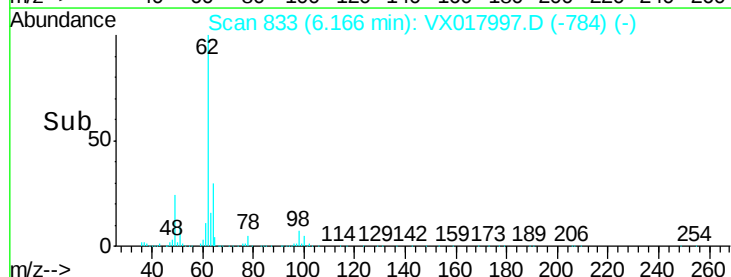
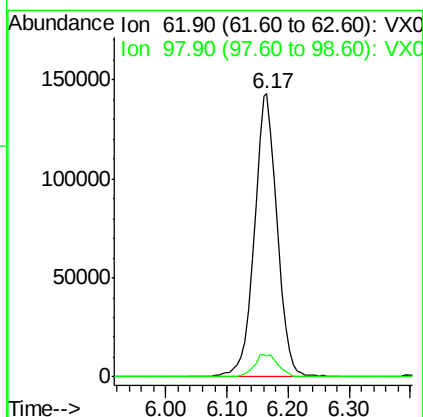
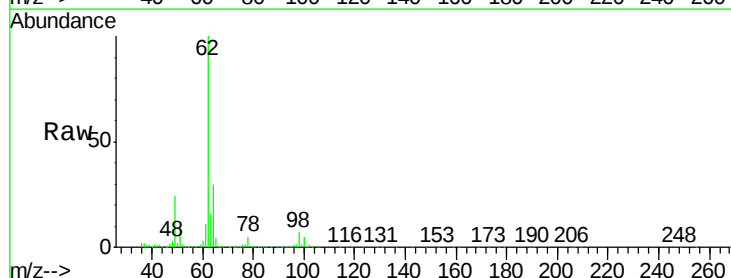
Manual Integrations
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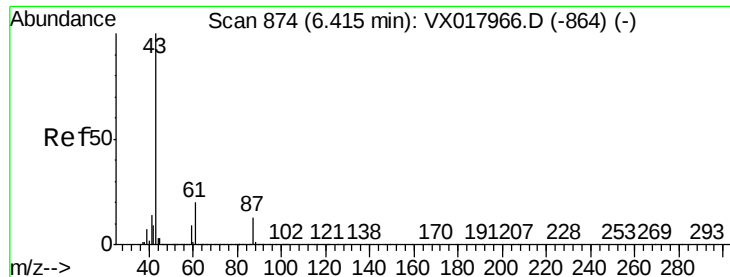
MMDadoda
8/20/2020 9:10:53 AM



#42
1,2-Dichloroethane
Concen: 50.910 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.2	





#43

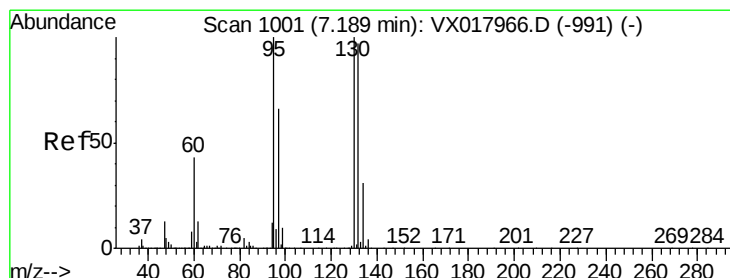
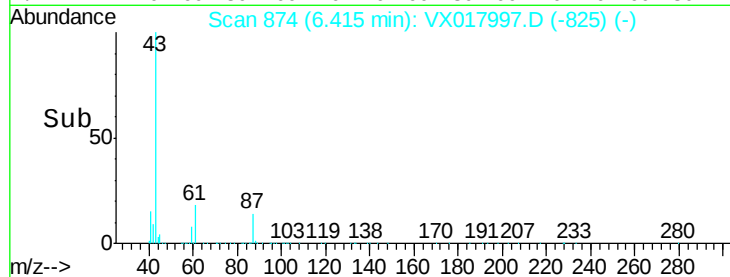
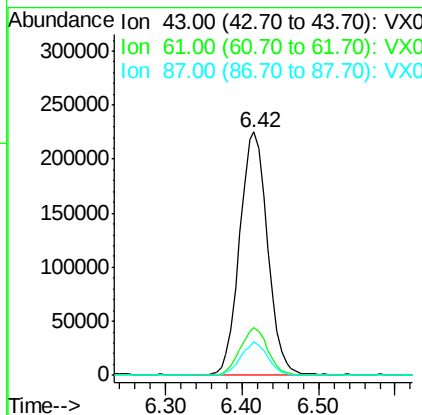
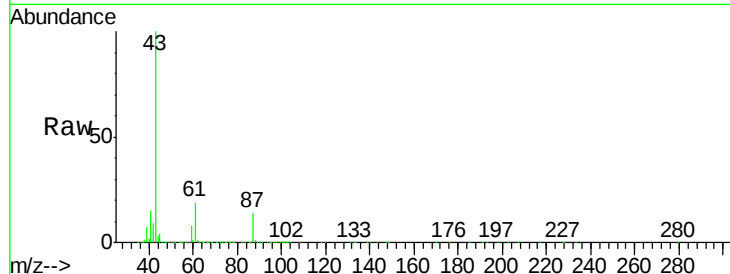
Isopropyl Acetate
 Concen: 50.755 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.2	24.4
87	13.2	10.8	16.2

Manual Integrations
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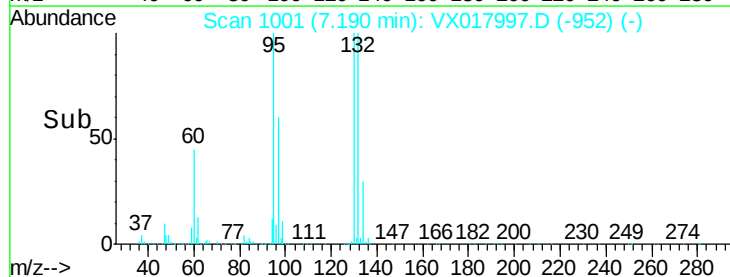
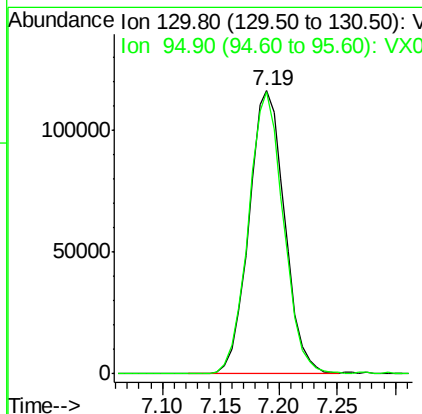
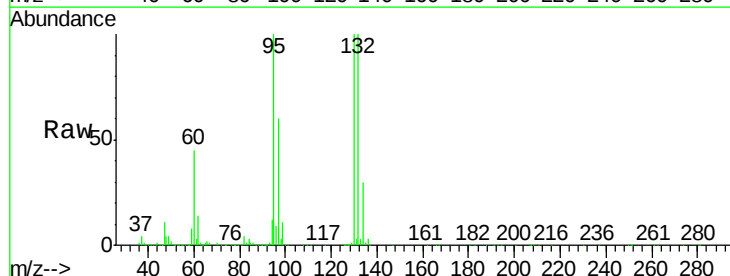
MMDadoda
 8/20/2020 9:10:53 AM

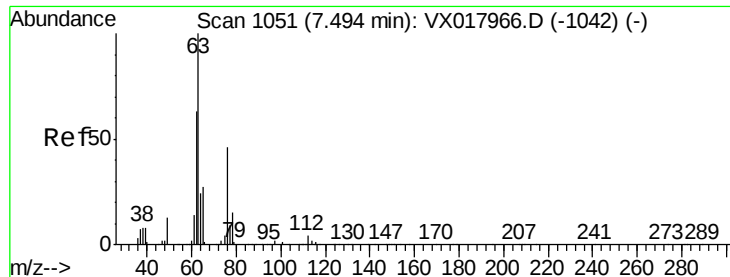


#44

Trichloroethene
 Concen: 48.260 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	200.6





#45

1,2-Dichloropropane

Concen: 51.158 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 254475

Ion Ratio Lower Upper

63 100

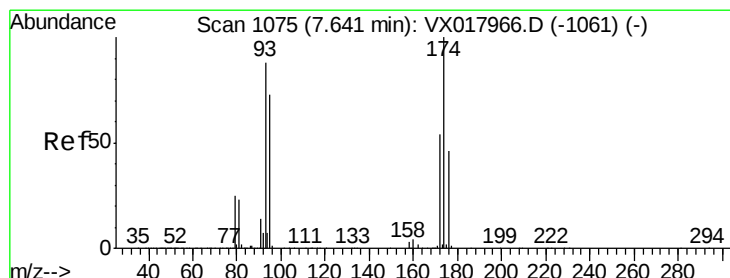
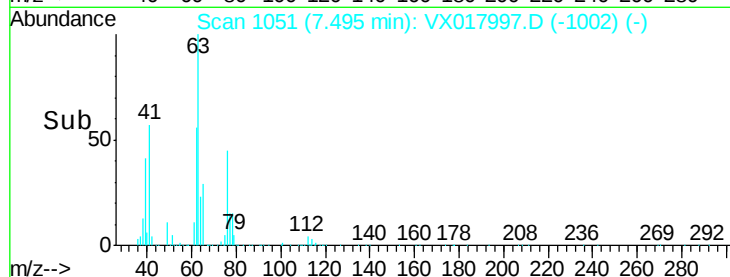
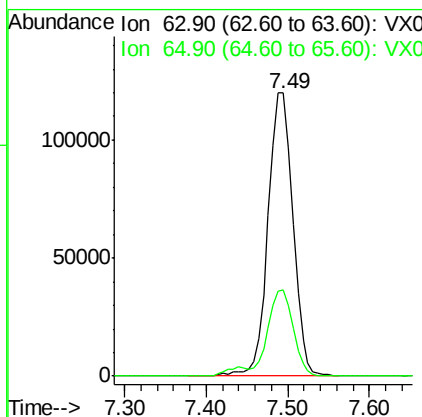
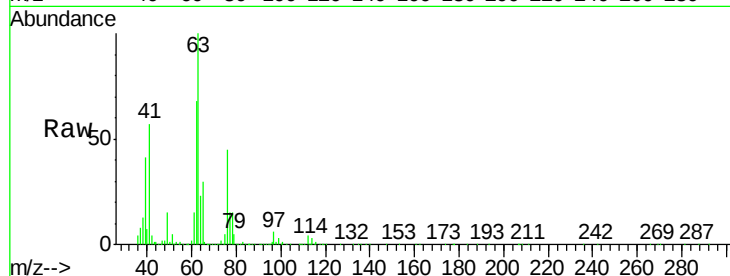
65 30.3 23.8 35.8

Manual Integrations

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MMDadoda

8/20/2020 9:10:53 AM



#46

Dibromomethane

Concen: 51.085 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

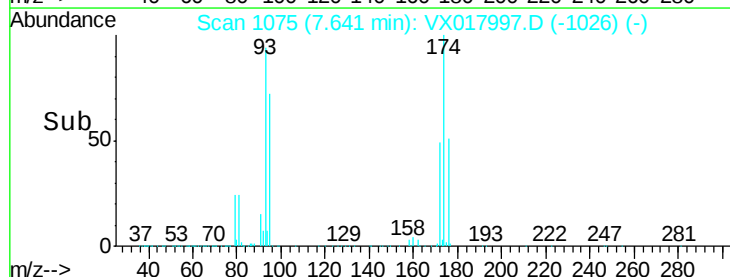
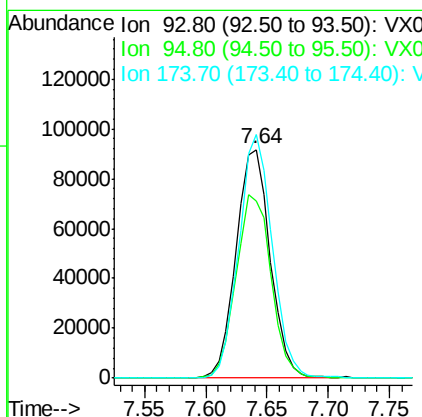
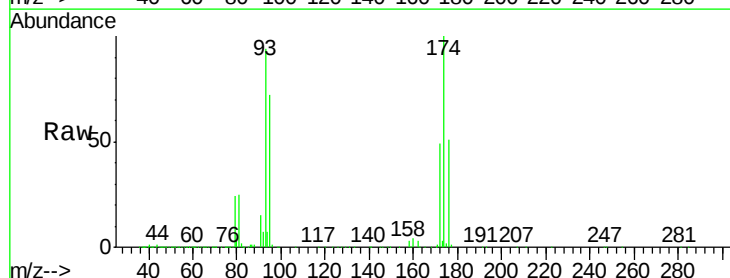
Tgt Ion: 93 Resp: 177350

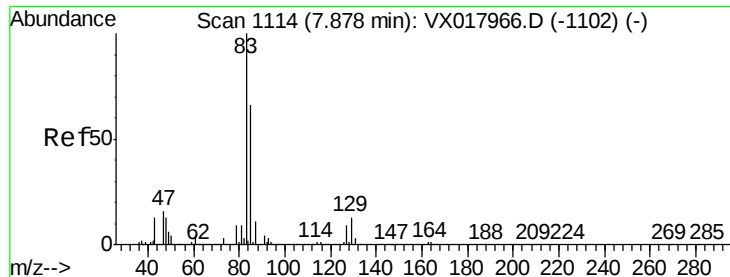
Ion Ratio Lower Upper

93 100

95 83.0 66.8 100.2

174 105.1 88.3 132.5





#47

Bromodichloromethane

Concen: 50.183 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

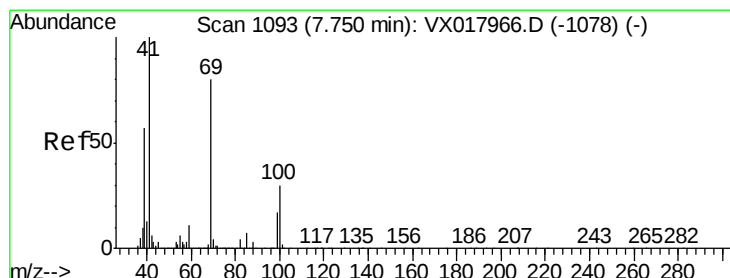
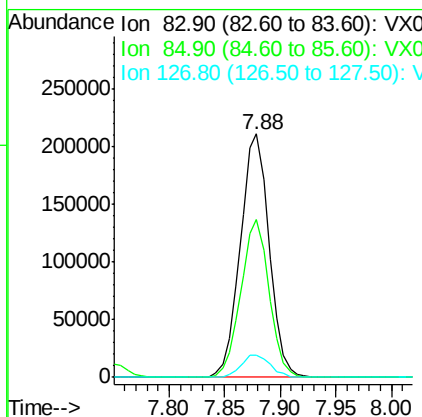
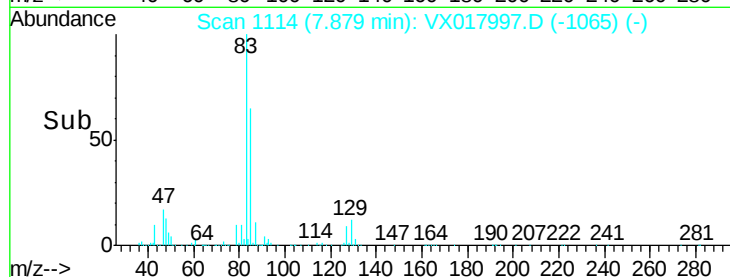
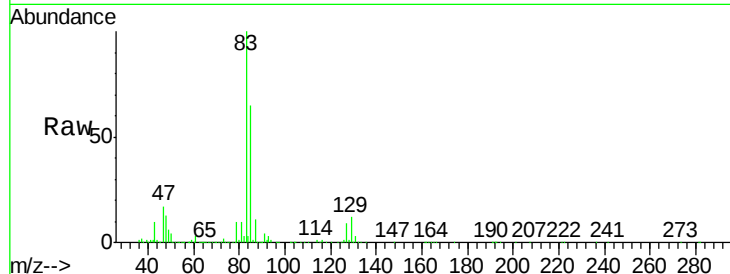
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	378214
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.4	78.6
127	9.0	7.0	10.6

Manual Integrations
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MMDadoda
8/20/2020 9:10:53 AM



#48

Methyl methacrylate

Concen: 52.089 ug/l

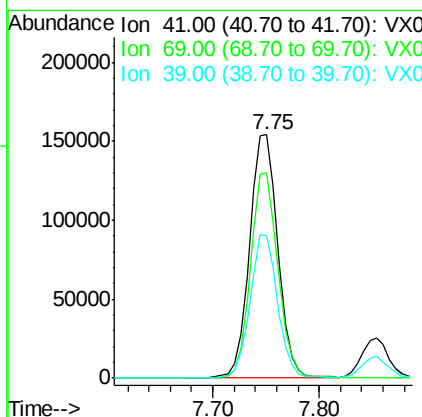
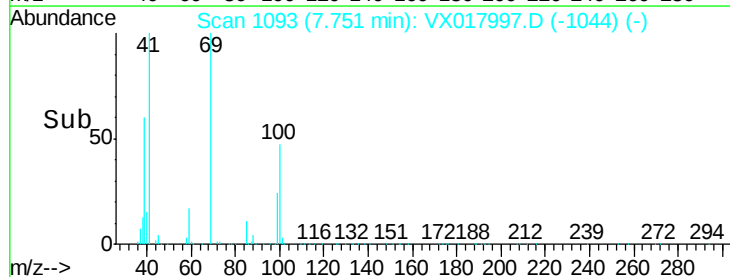
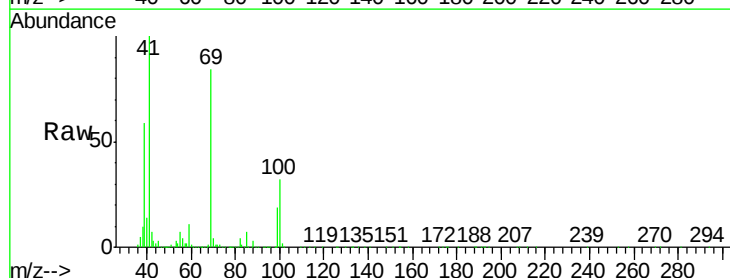
RT: 7.75 min Scan# 1093

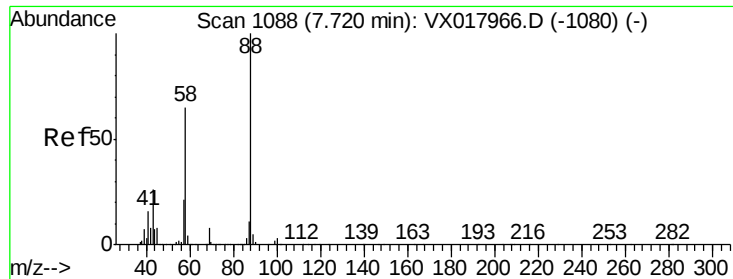
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion:	41	Resp:	287493
Ion Ratio	Lower	Upper	
41	100		
69	82.2	64.3	96.5
39	57.3	45.3	67.9





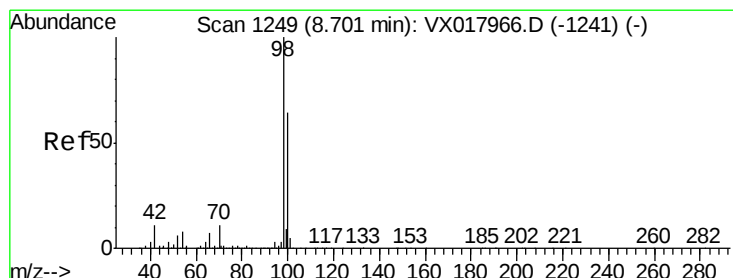
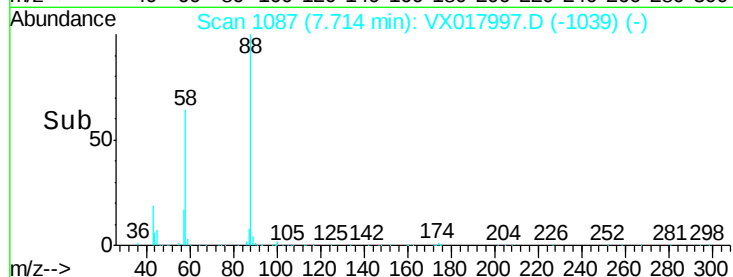
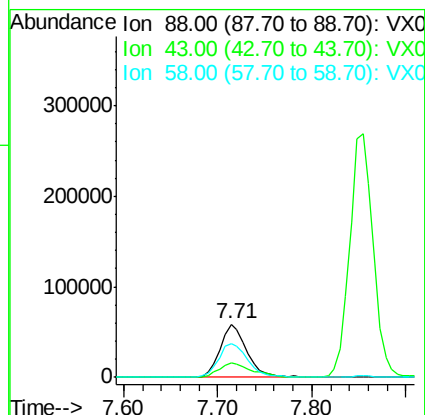
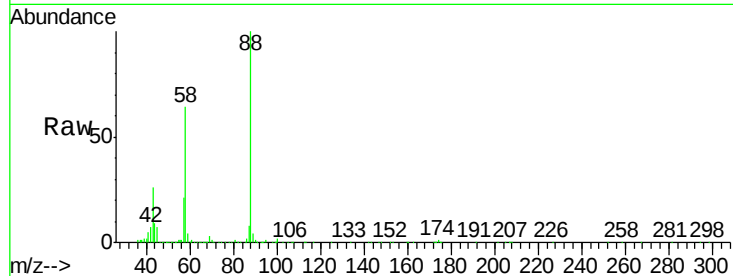
#49
1,4-Dioxane
Concen: 997.108 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.3	40.9
58	71.5	57.7	86.5

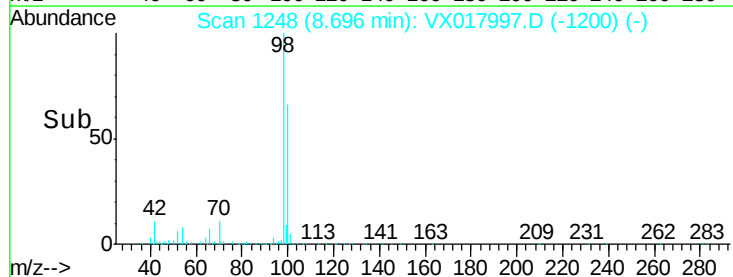
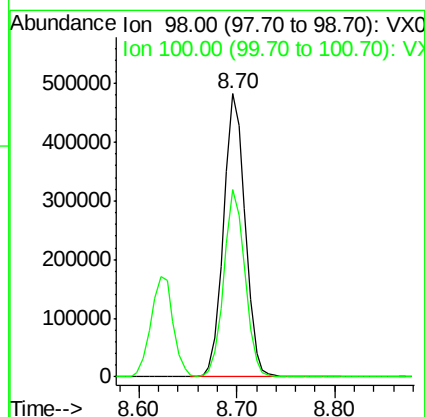
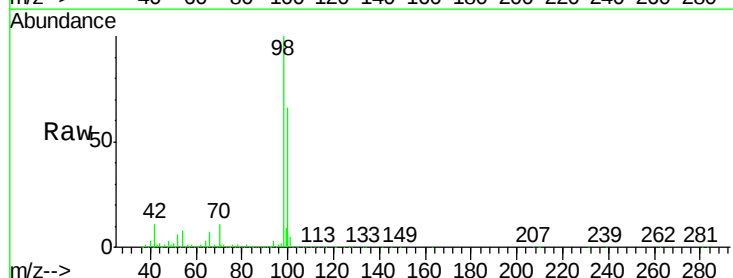
Manual Integrations
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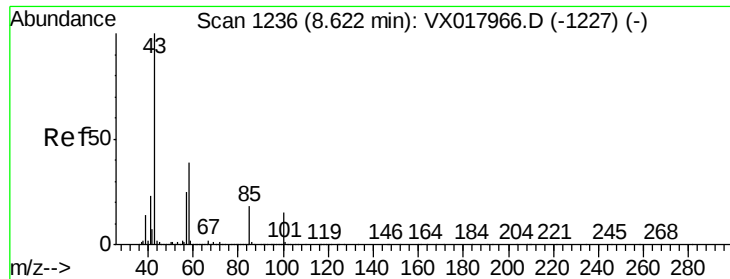
MMDadoda
8/20/2020 9:10:53 AM



#50
Toluene-d8
Concen: 40.845 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 230.850 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1730449

Ion Ratio Lower Upper

43 100

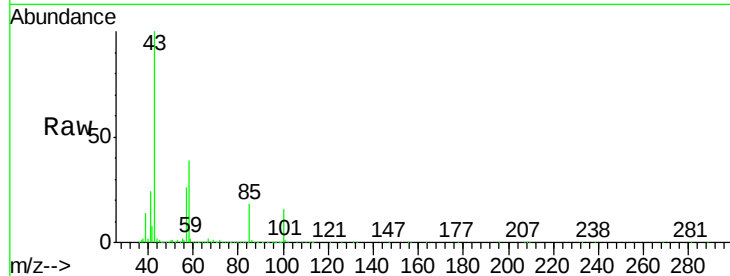
58 38.6 31.0 46.4

Manual Integrations

APPROVED

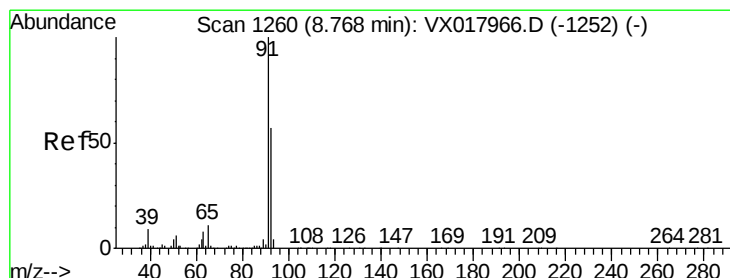
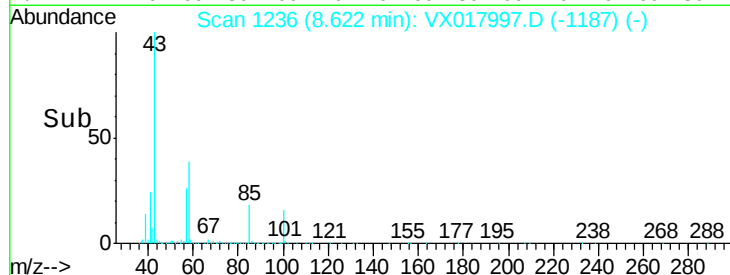
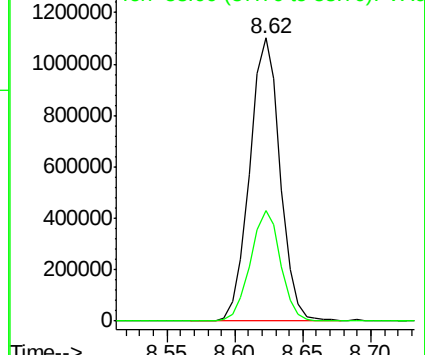
MMDadoda

8/20/2020 9:10:53 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.144 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX017997.D

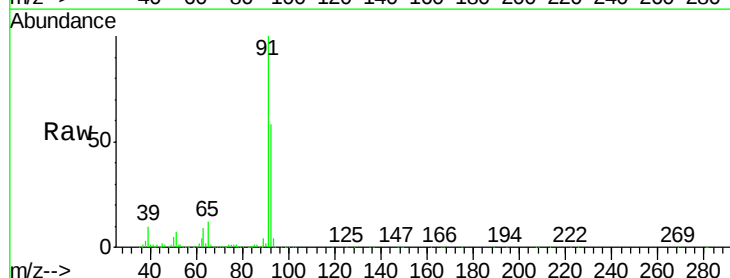
Acq: 19 Aug 2020 20:39

Tgt Ion: 92 Resp: 524128

Ion Ratio Lower Upper

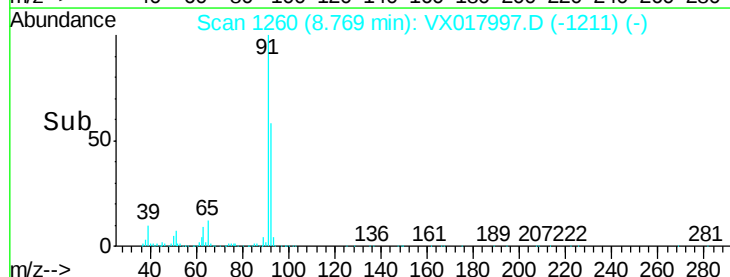
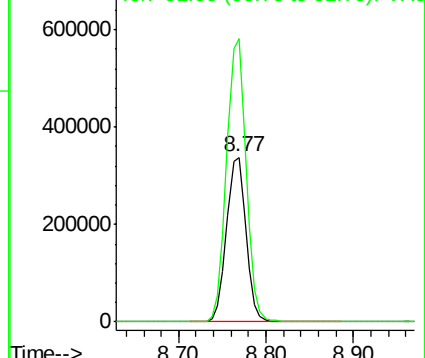
92 100

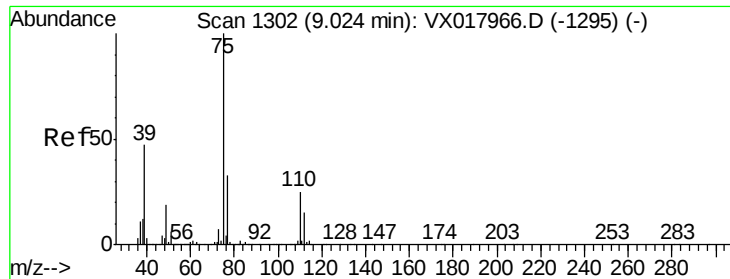
91 171.7 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





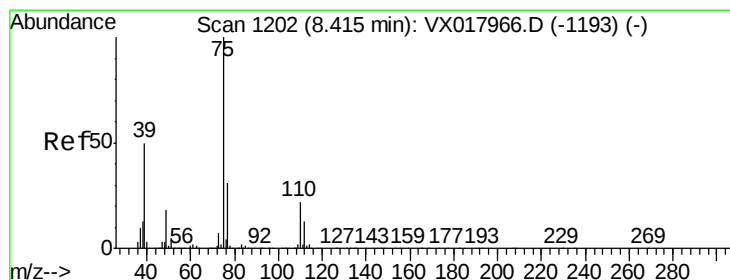
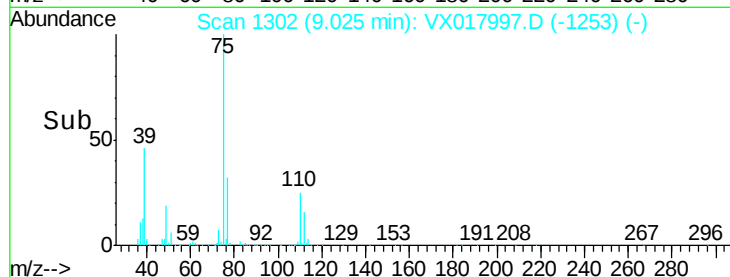
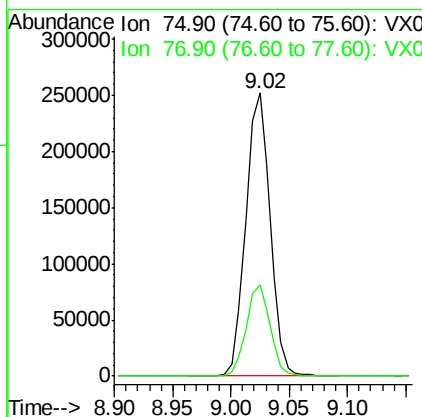
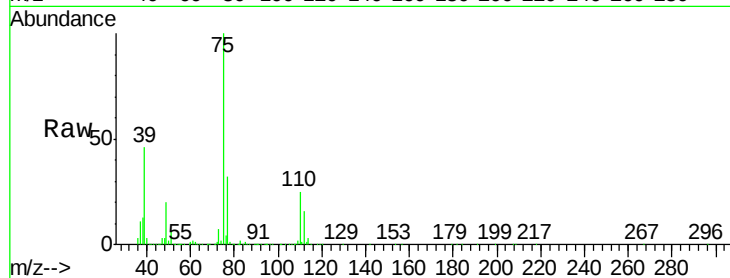
#53
 t-1,3-Dichloropropene
 Concen: 46.292 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.1	39.1

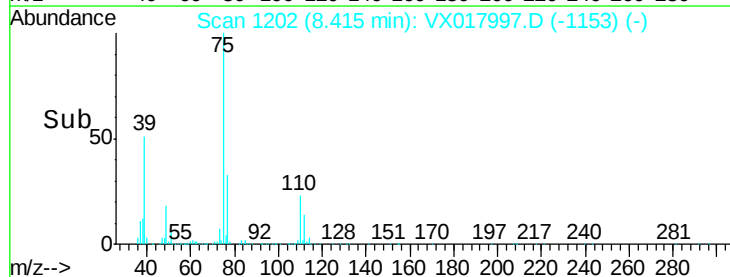
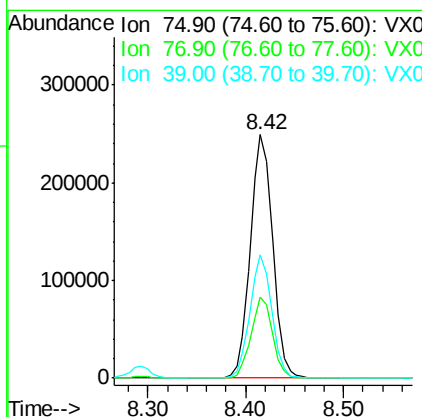
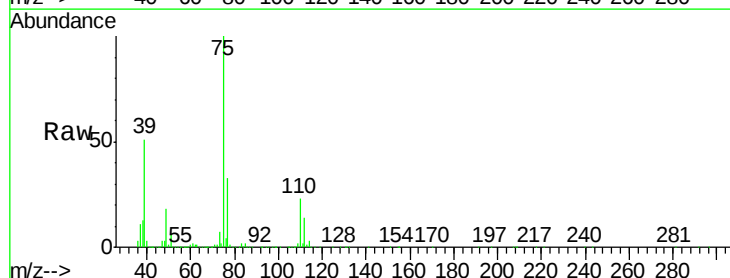
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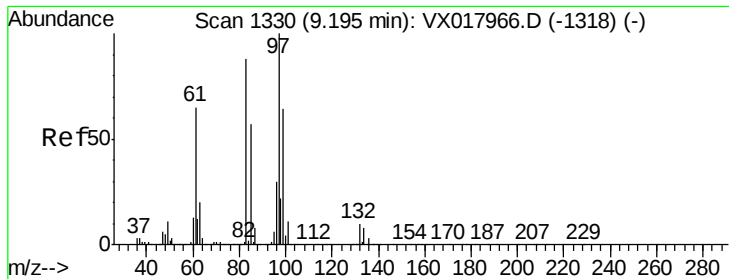
MMDadoda
 8/20/2020 9:10:53 AM



#54
 cis-1,3-Dichloropropene
 Concen: 47.707 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.6	36.8
39	50.6	39.7	59.5





#55

1,1,2-Trichloroethane

Concen: 46.621 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

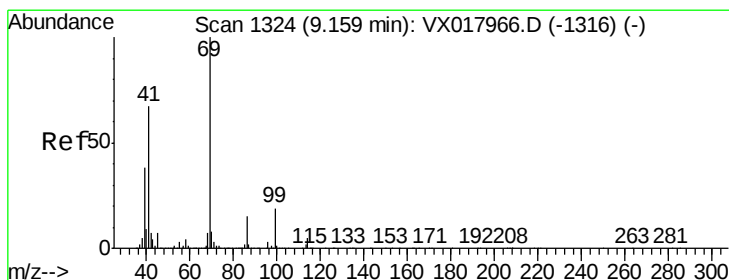
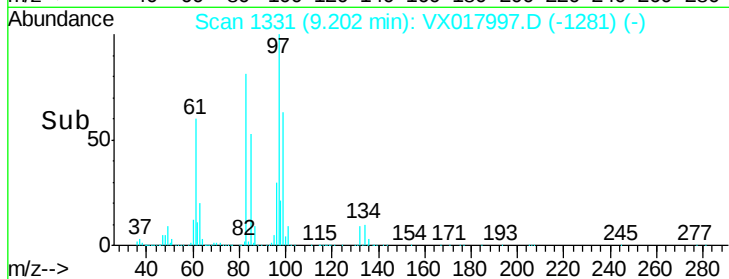
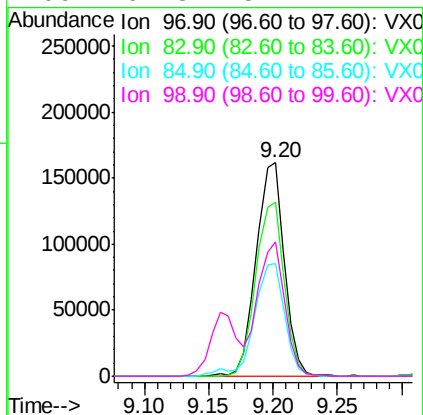
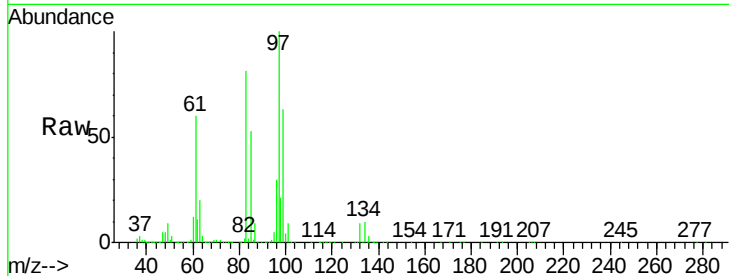
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		243275		
83	81.6	70.1	105.1		
85	52.7	45.8	68.8		
99	62.8	51.4	77.2		

Manual Integrations
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8/20/2020 9:10:53 AM



#56

Ethyl methacrylate

Concen: 46.766 ug/l

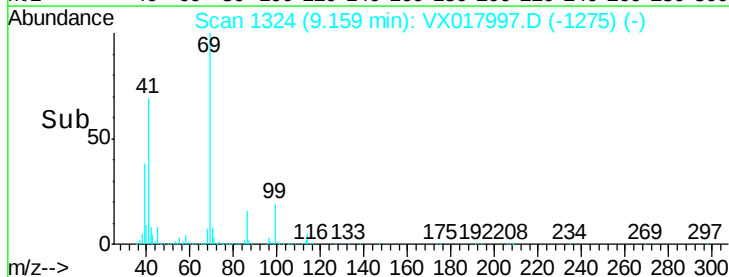
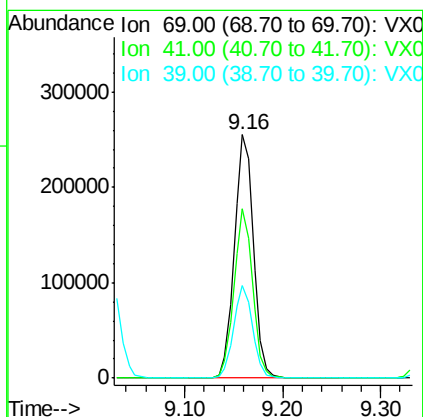
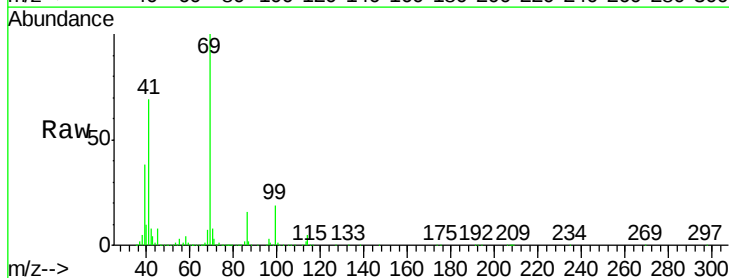
RT: 9.16 min Scan# 1324

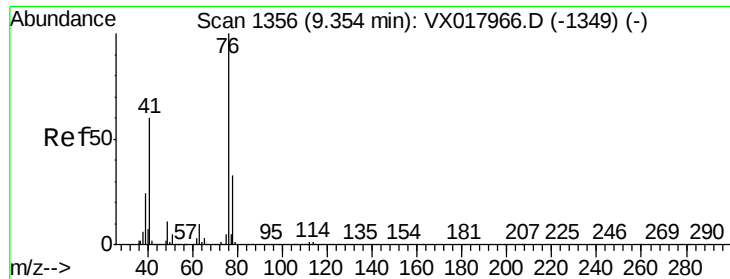
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		345032		
41	68.0	52.3	78.5		
39	37.7	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 49.175 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 407529

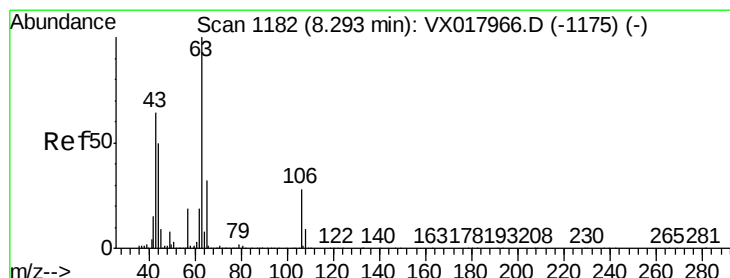
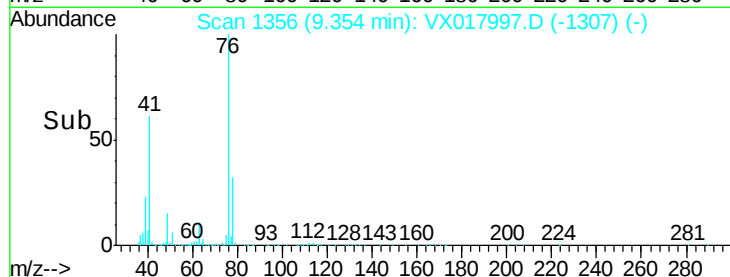
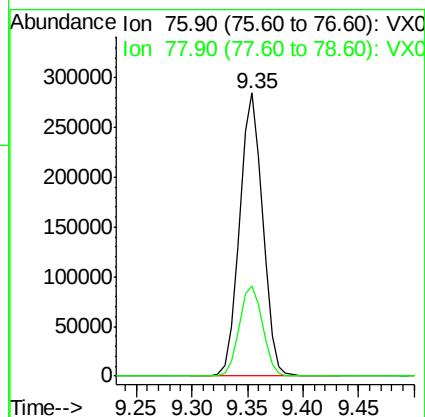
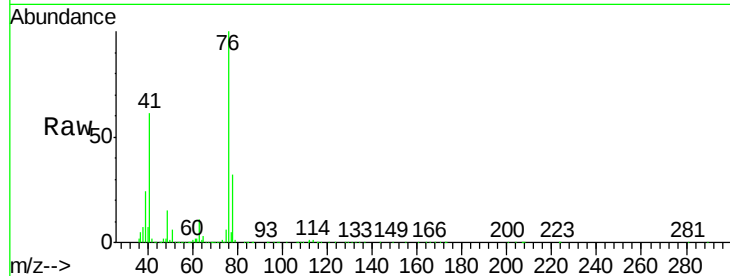
Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6

Manual Integrations
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MMDadoda
8/20/2020 9:10:53 AM



#58

2-Chloroethyl Vinyl ether

Concen: 232.389 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017997.D

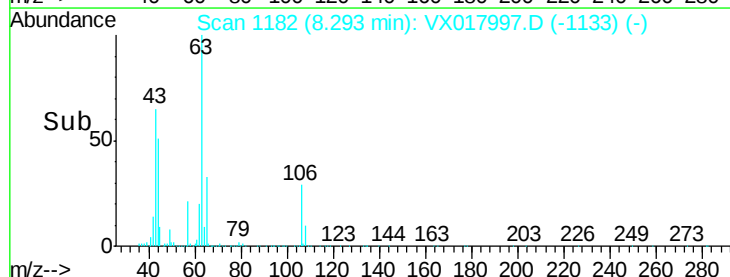
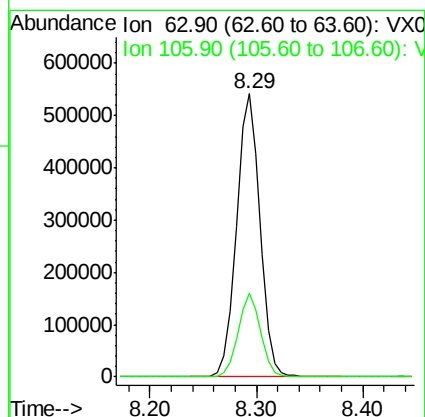
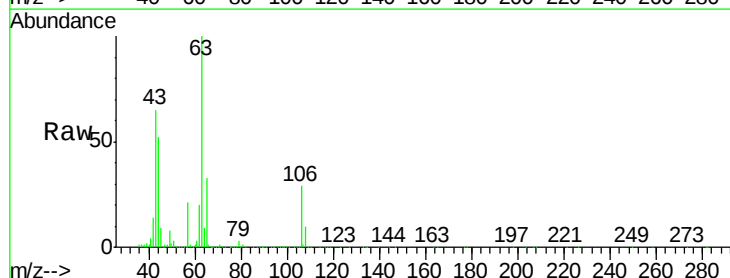
Acq: 19 Aug 2020 20:39

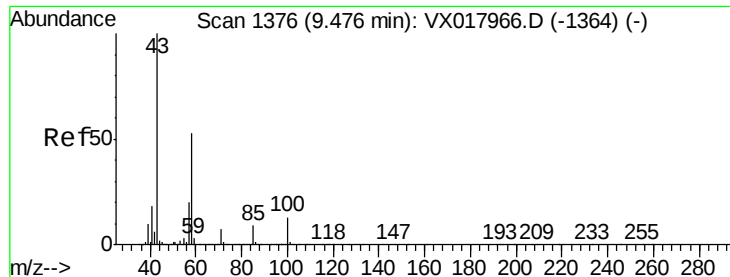
Tgt Ion: 63 Resp: 830267

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.4





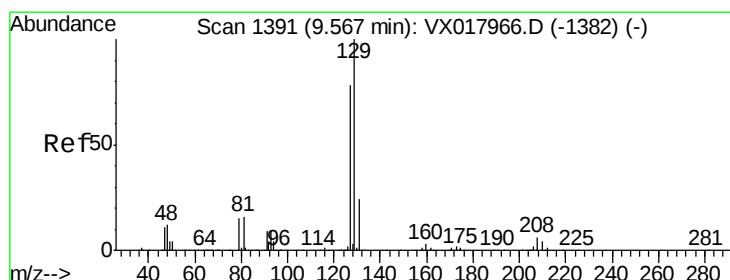
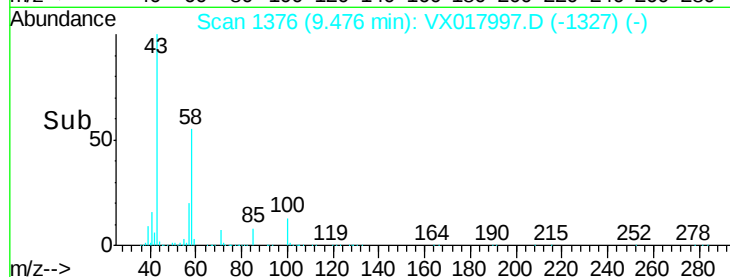
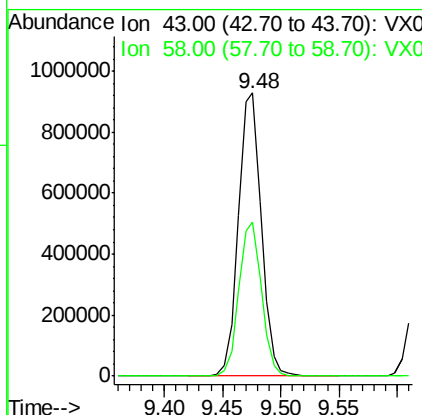
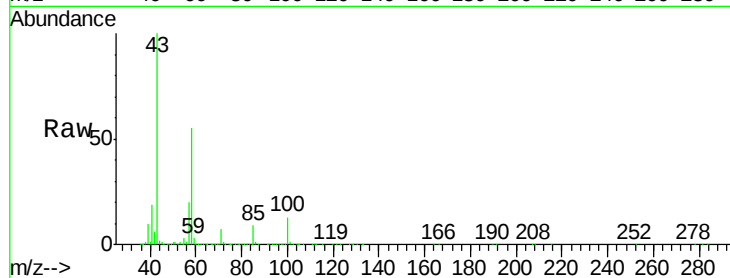
#59
2-Hexanone
Concen: 224.397 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1274577
Ion Ratio Lower Upper
43 100
58 54.1 26.4 79.0

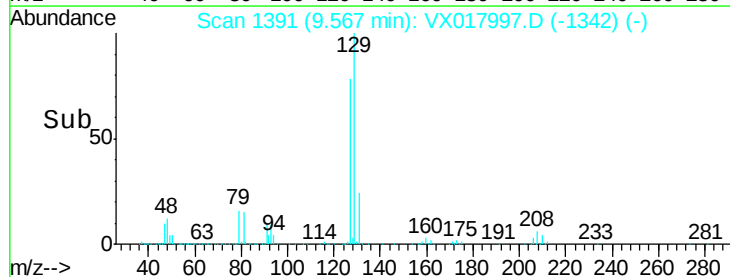
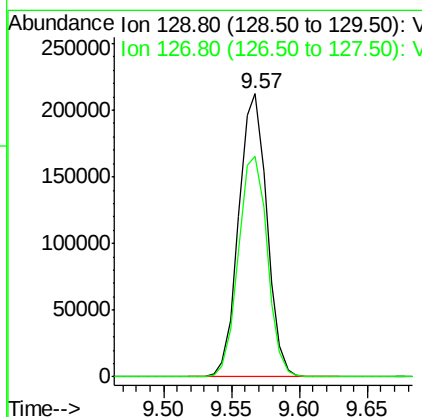
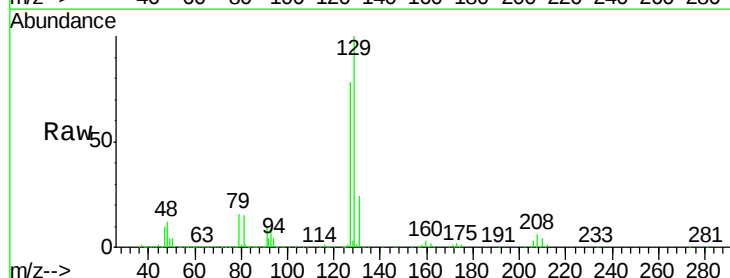
Manual Integrations
APPROVED

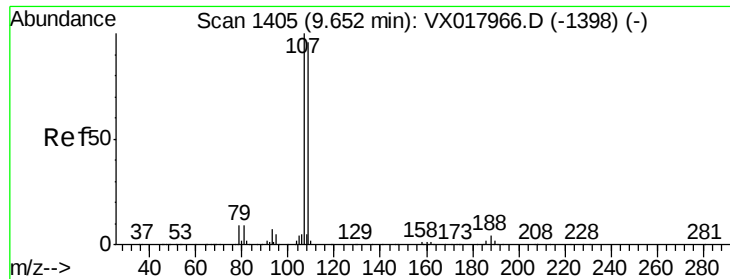
MMDadoda
8/20/2020 9:10:53 AM



#60
Dibromochloromethane
Concen: 47.227 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion: 129 Resp: 307780
Ion Ratio Lower Upper
129 100
127 79.9 39.5 118.3





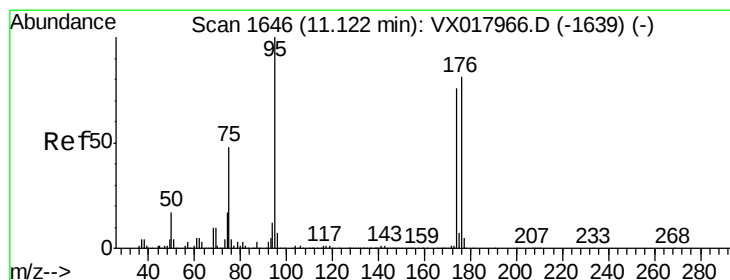
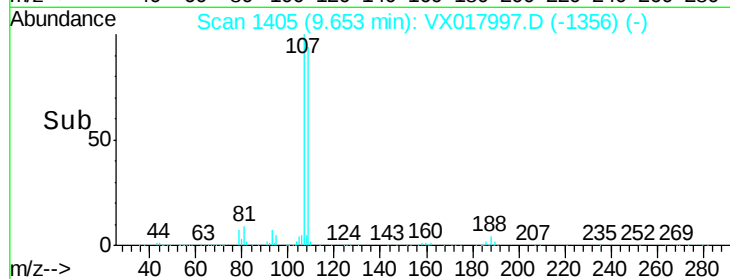
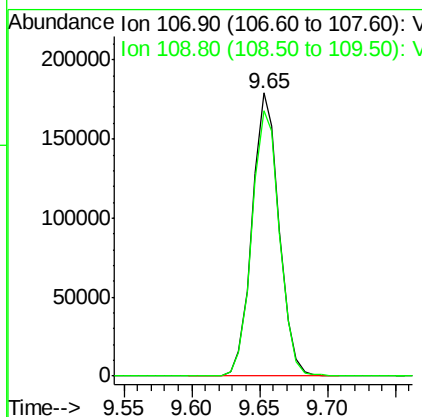
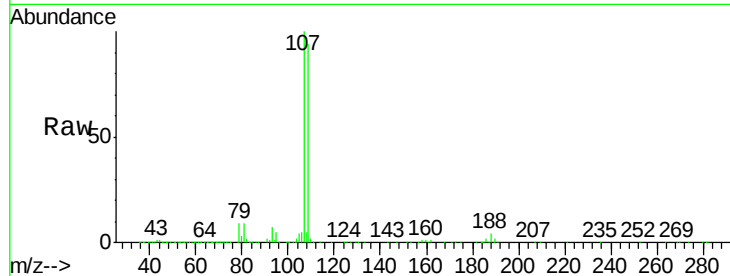
#61
 1,2-Dibromoethane
 Concen: 43.032 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	248722		
109	96.7	75.5	113.3	

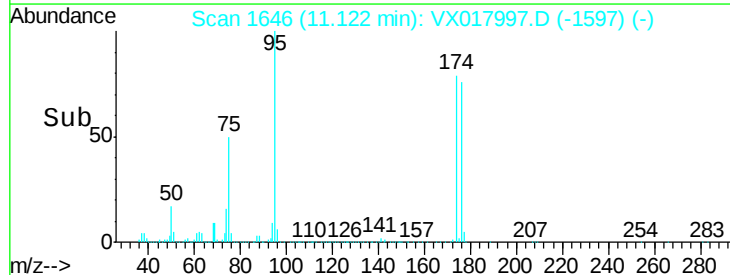
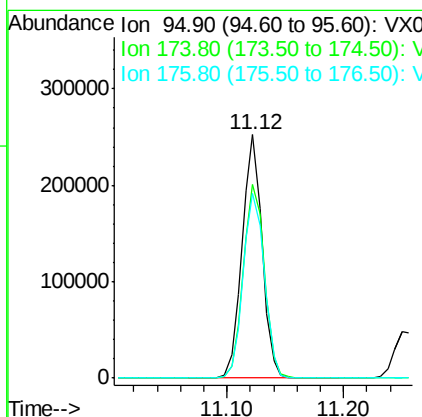
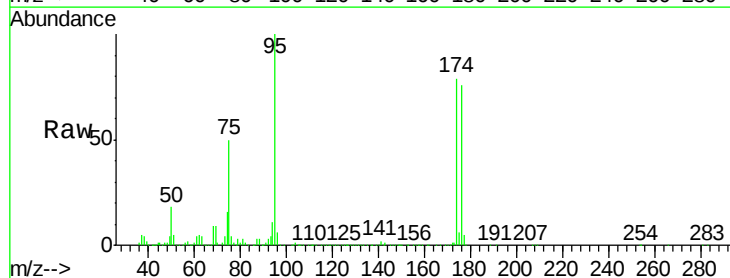
Manual Integrations
 APPROVED

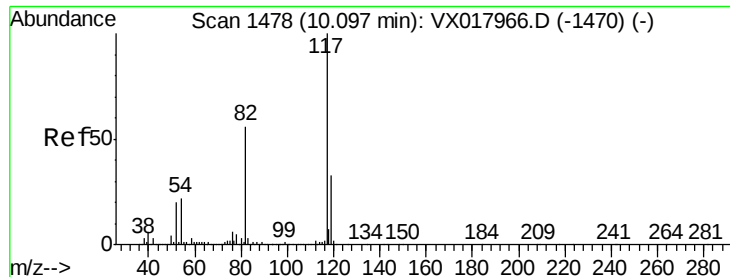
MMDadoda
 8/20/2020 9:10:53 AM



#62
 4-Bromofluorobenzene
 Concen: 45.118 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	302079		
174	84.6	0.0	166.0	
176	81.4	0.0	161.0	





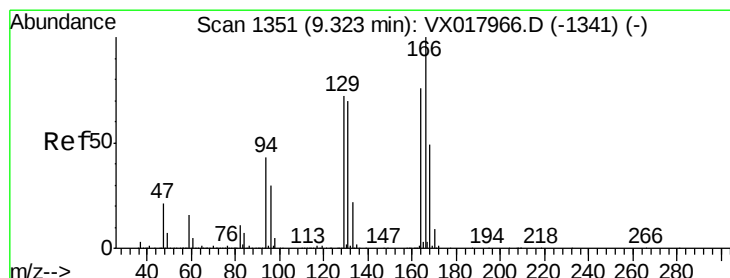
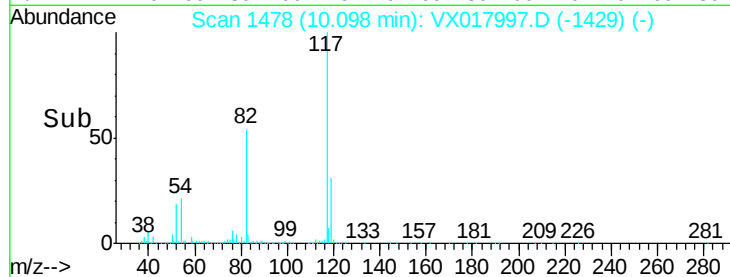
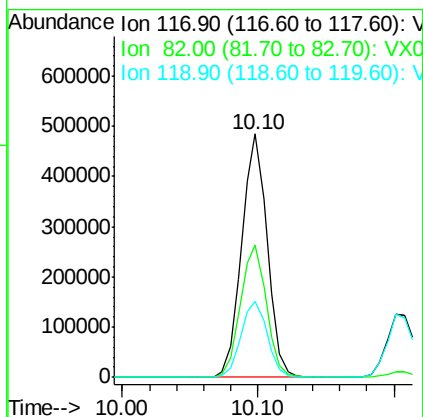
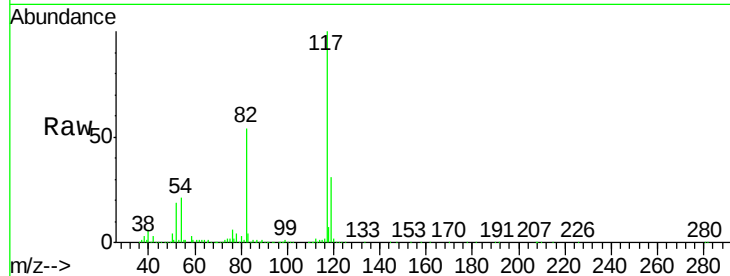
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	66.8
119	31.3	26.2	39.4

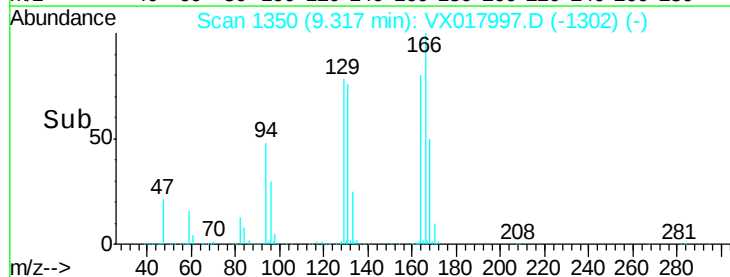
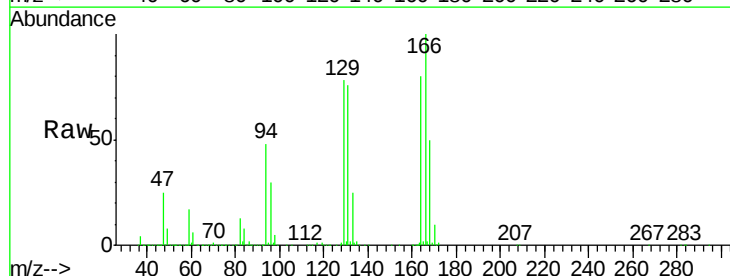
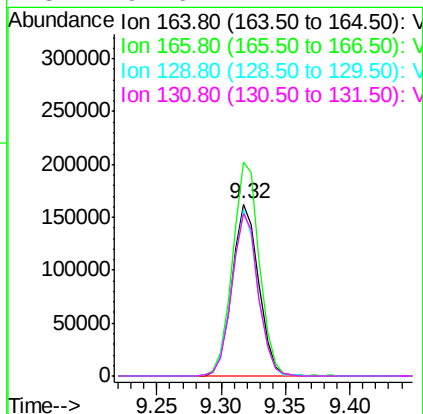
Manual Integrations
APPROVED

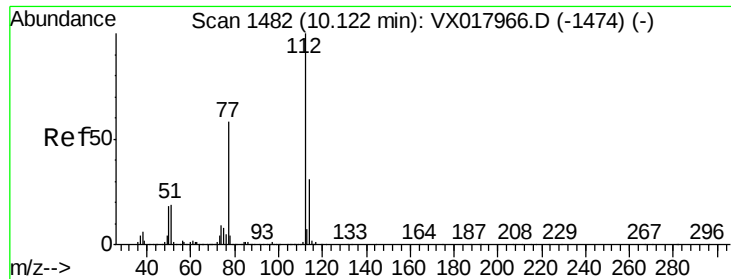
MMDadoda
8/20/2020 9:10:53 AM



#64
Tetrachloroethene
Concen: 48.387 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	105.7	158.5
129	96.8	75.8	113.8
131	94.6	74.2	111.4





#65

Chlorobenzene

Concen: 50.081 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 631388

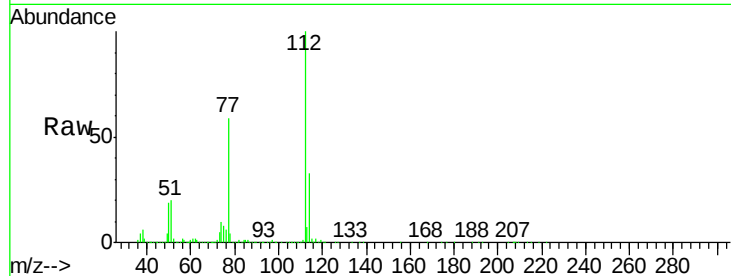
Ion Ratio Lower Upper

112 100

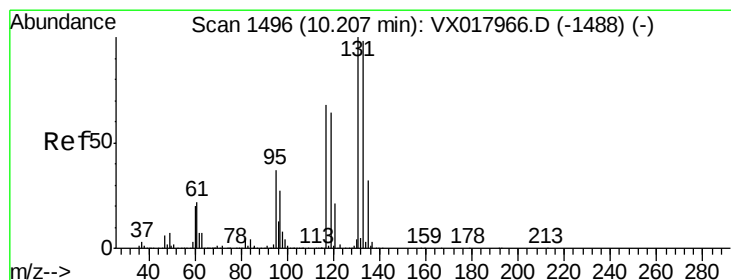
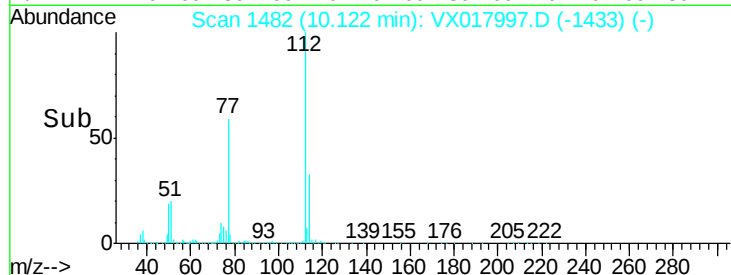
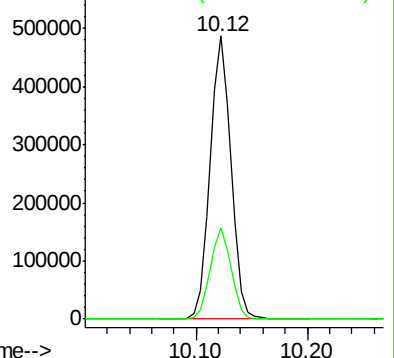
114 32.5 25.0 37.6

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:10:53 AM



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.812 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

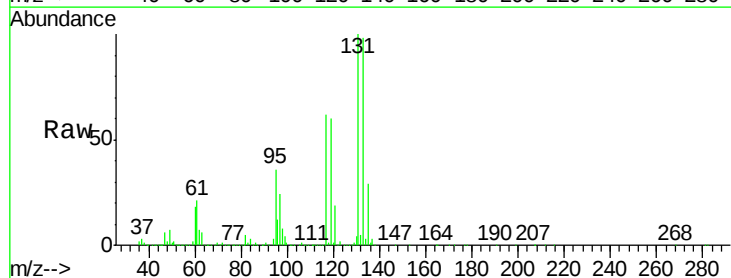
Tgt Ion:131 Resp: 270980

Ion Ratio Lower Upper

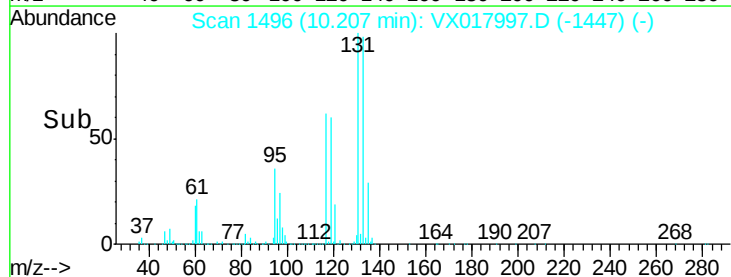
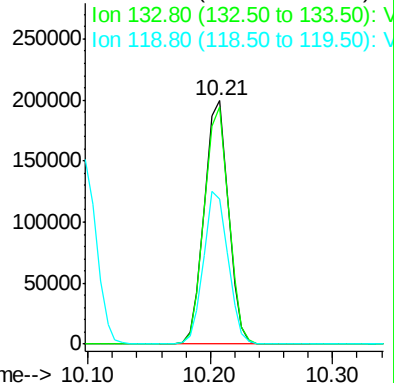
131 100

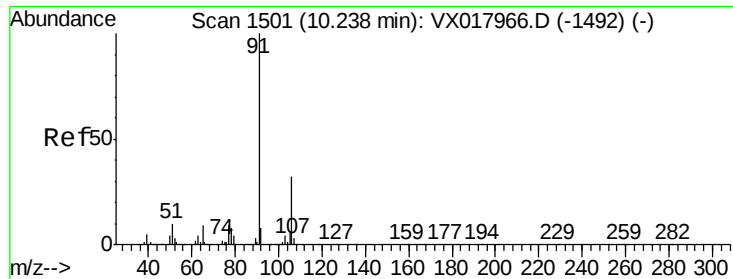
133 98.7 48.4 145.3

119 63.4 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V





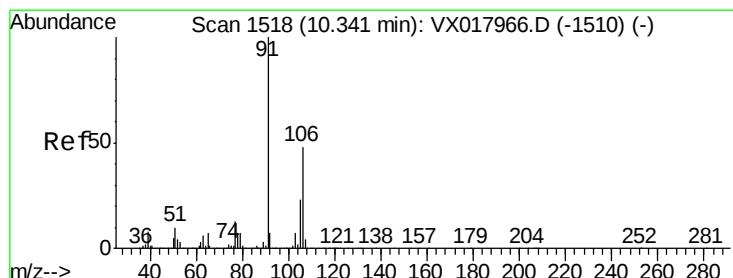
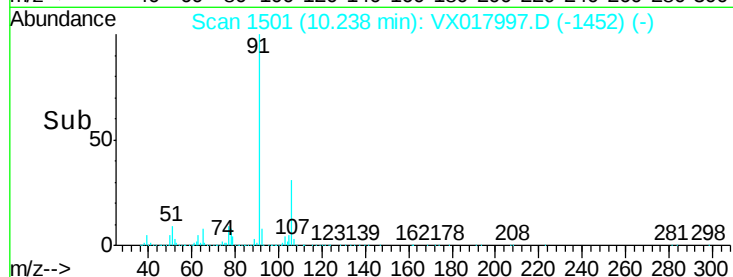
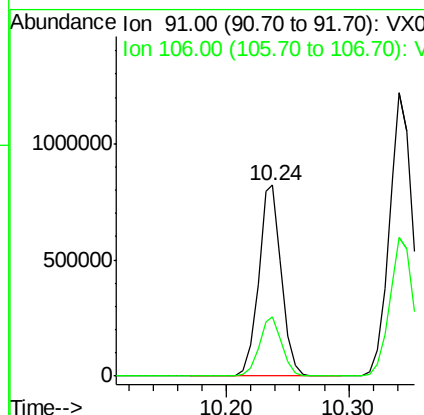
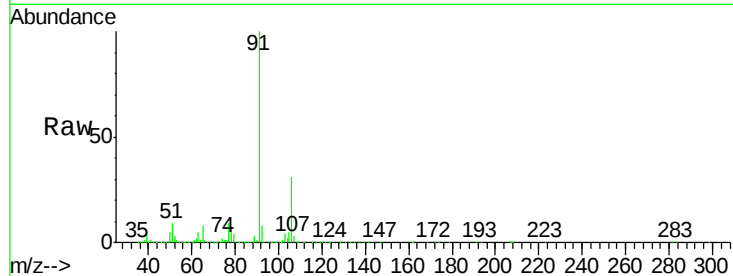
#67
Ethyl Benzene
Concen: 51.100 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1062045
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

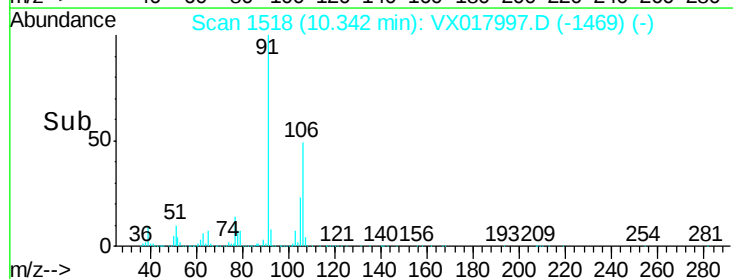
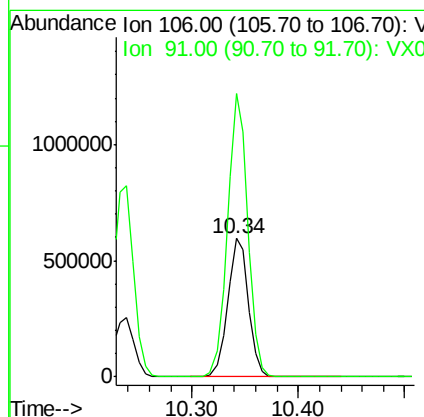
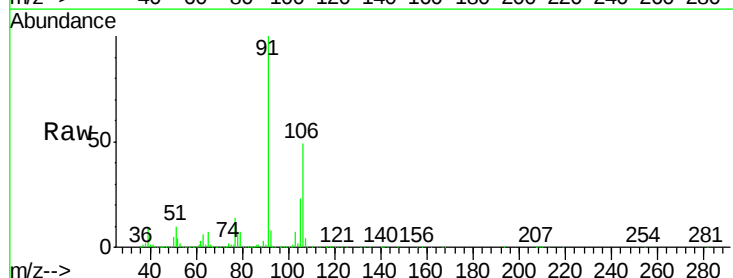
Manual Integrations
APPROVED

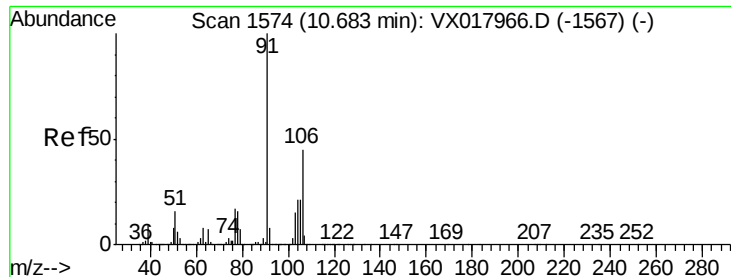
MMDadoda
8/20/2020 9:10:53 AM



#68
m/p-Xylenes
Concen: 100.553 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion: 106 Resp: 804555
Ion Ratio Lower Upper
106 100
91 201.1 167.4 251.2





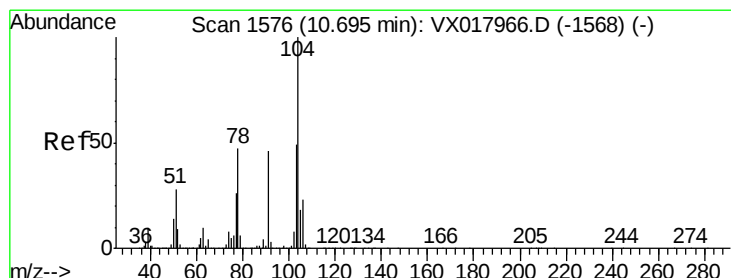
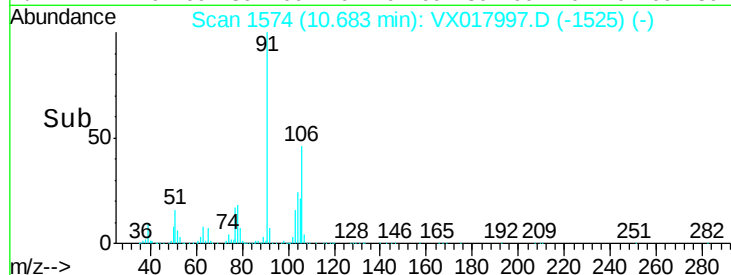
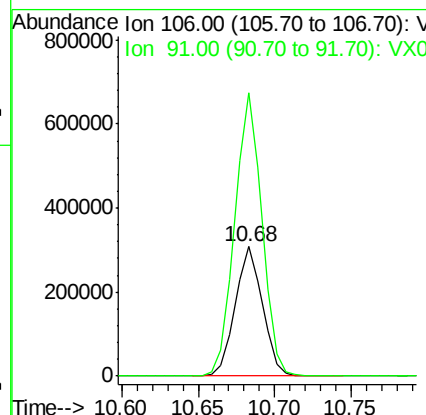
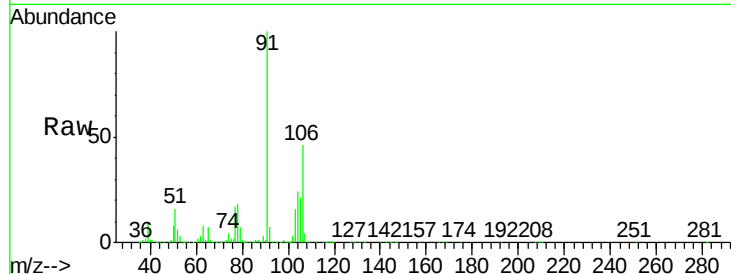
#69
o-Xylene
Concen: 49.563 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		382416		
91	216.8	108.1	324.2		

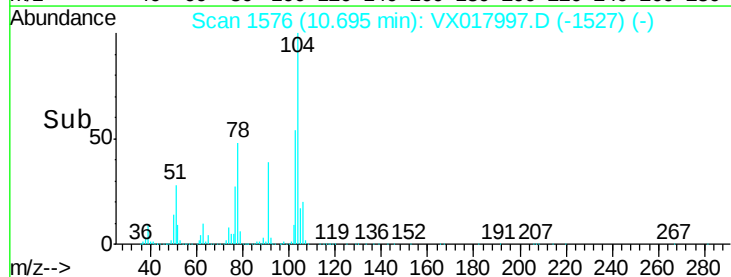
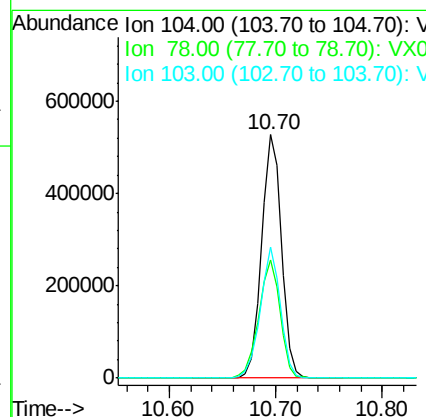
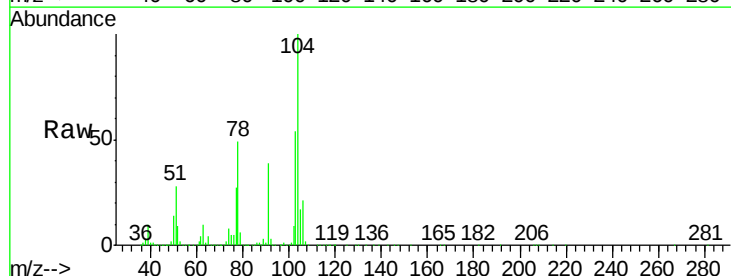
Manual Integrations
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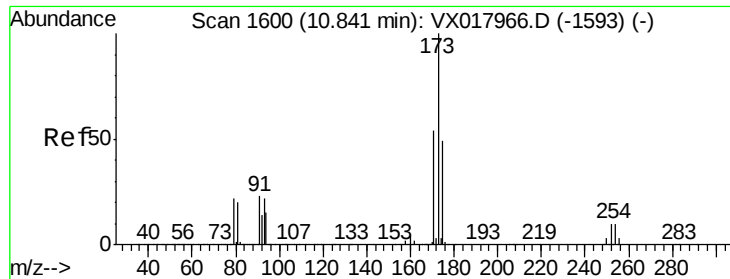
MMDadoda
8/20/2020 9:10:53 AM



#70
Styrene
Concen: 52.191 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		694734		
78	52.2	41.3	61.9		
103	54.5	42.9	64.3		





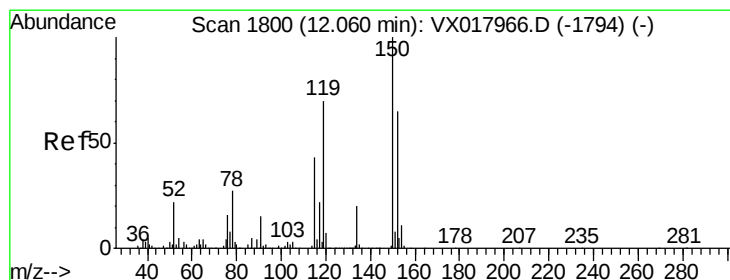
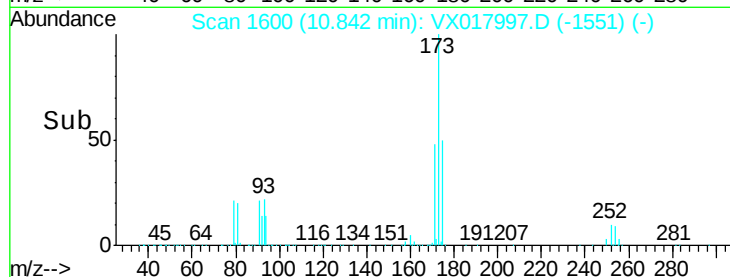
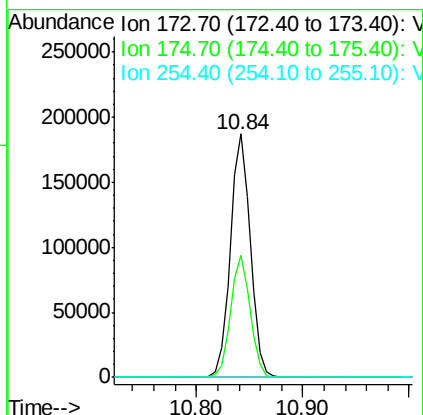
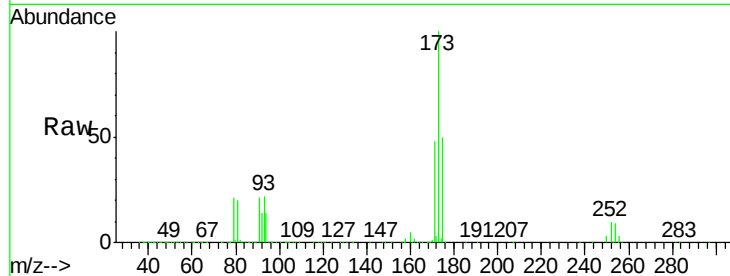
#71
Bromoform
Concen: 51.337 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.4	73.2
254	0.2	0.2	0.2

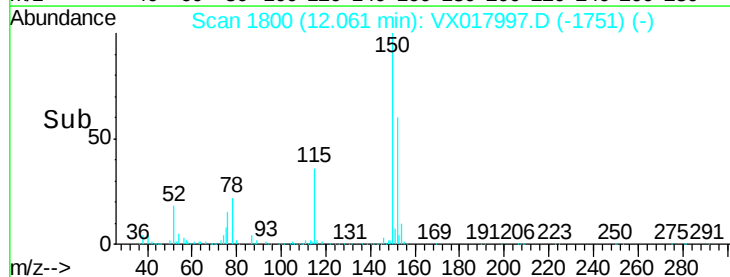
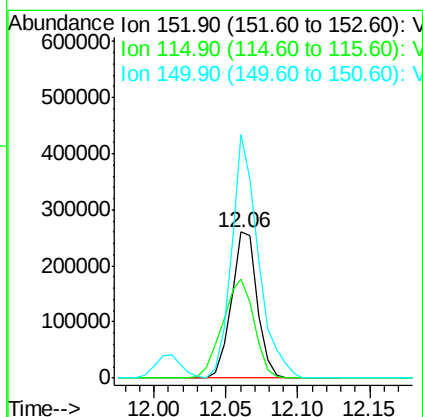
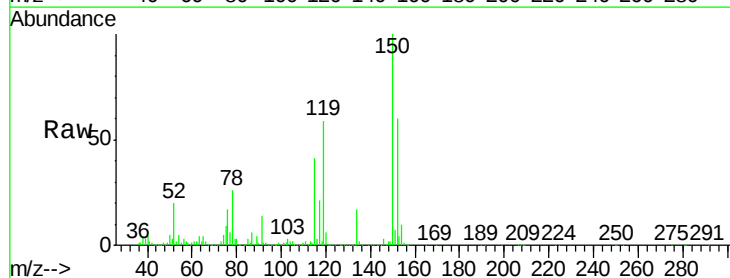
Manual Integrations
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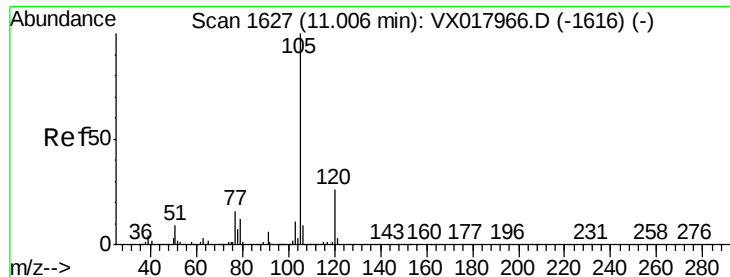
MMDadoda
8/20/2020 9:10:53 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.8	40.6	121.7
150	171.5	0.0	346.4





#73

Isopropylbenzene

Concen: 51.732 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1088384

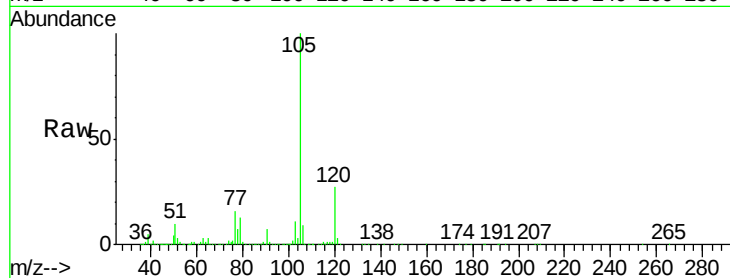
Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4

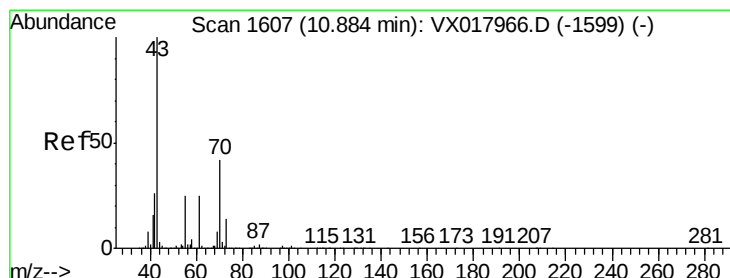
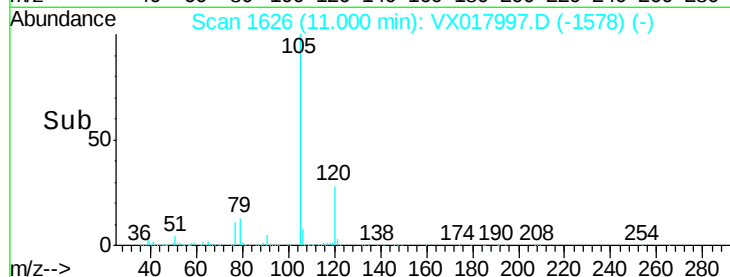
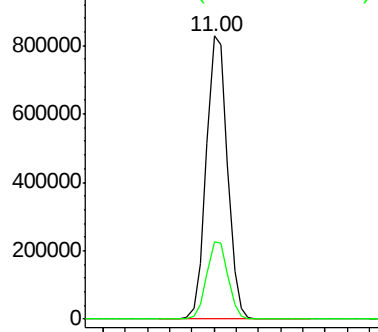
Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:10:53 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.276 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion: 43 Resp: 479838

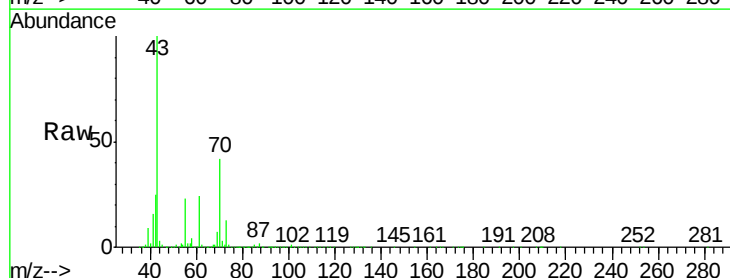
Ion Ratio Lower Upper

43 100

70 42.3 32.9 49.3

55 24.6 19.3 28.9

61 24.0 19.6 29.4

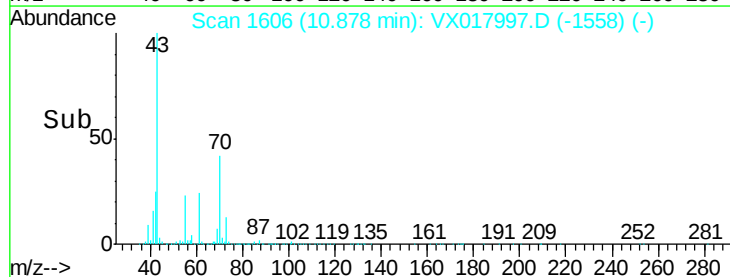
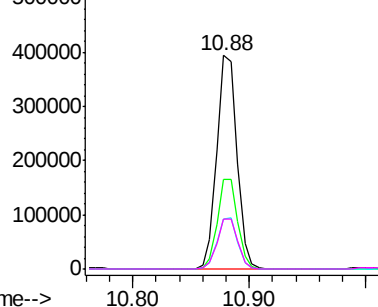


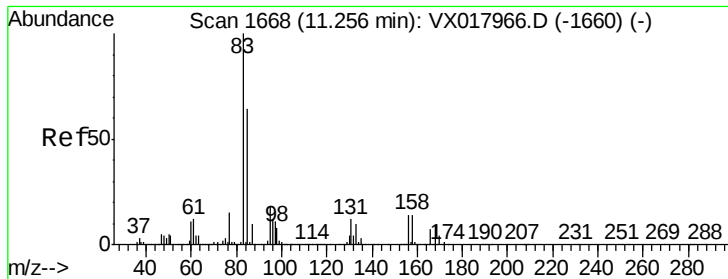
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.886 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

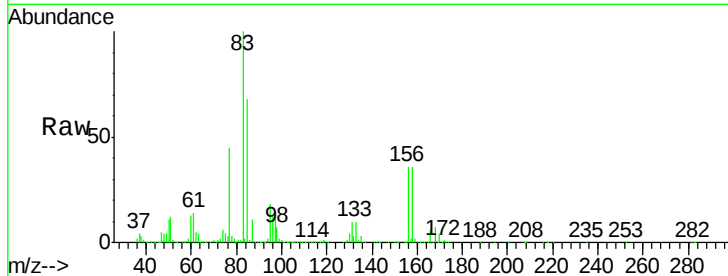
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	358794
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.0
85	66.1	32.2	96.6

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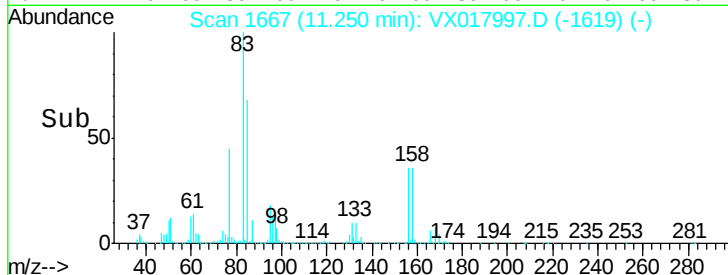


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time--> 11.10 11.20 11.30 11.40

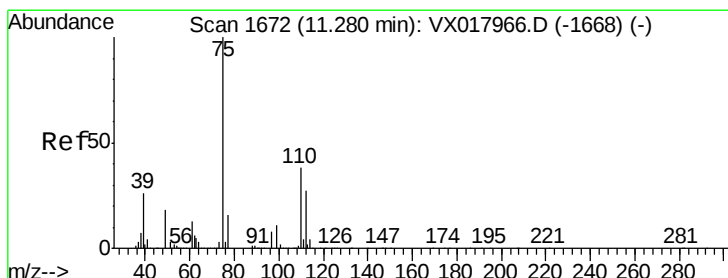


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time--> 11.10 11.20 11.30 11.40



#76

1,2,3-Trichloropropane

Concen: 54.383 ug/l m

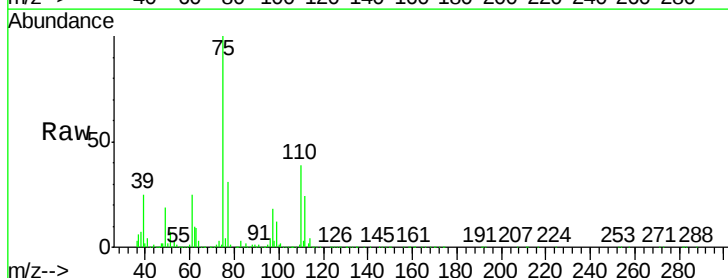
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

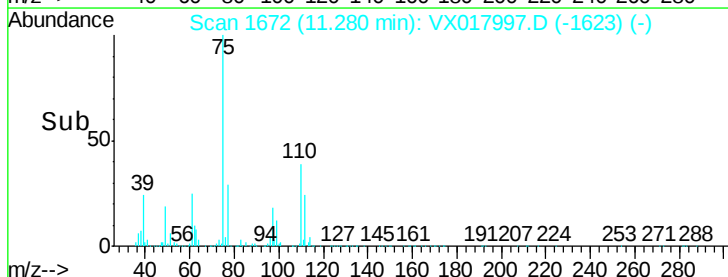
Tgt Ion:	75	Resp:	378035
Ion Ratio	Lower	Upper	
75	100		
77	39.6	21.1	63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

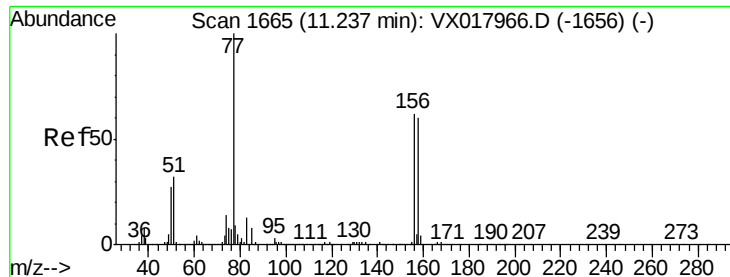
Time--> 11.24 11.26 11.28 11.30



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time--> 11.24 11.26 11.28 11.30



#77

Bromobenzene

Concen: 50.327 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

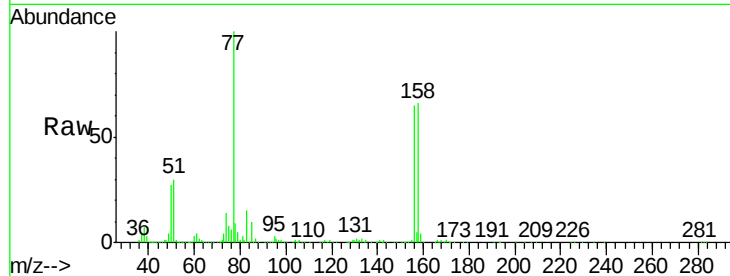
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	153.2	78.0	234.0		
158	99.6	49.2	147.6		

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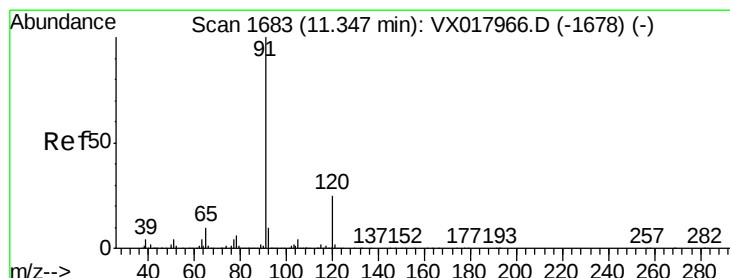
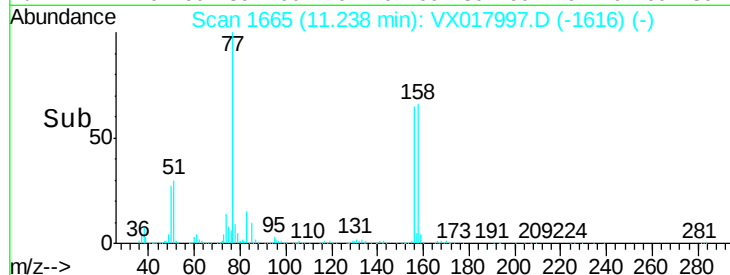
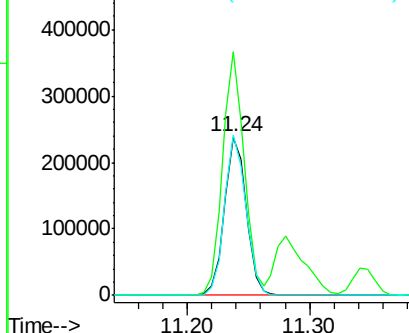


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.591 ug/l

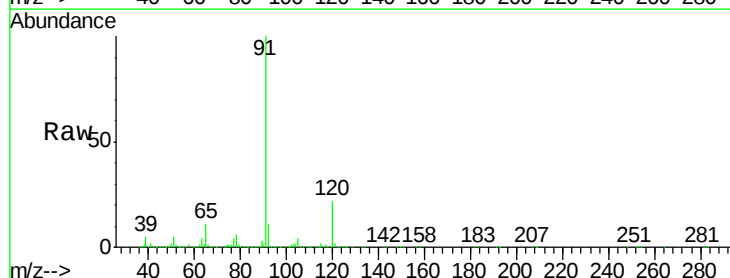
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

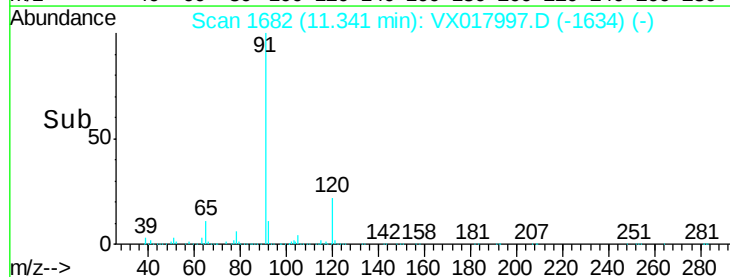
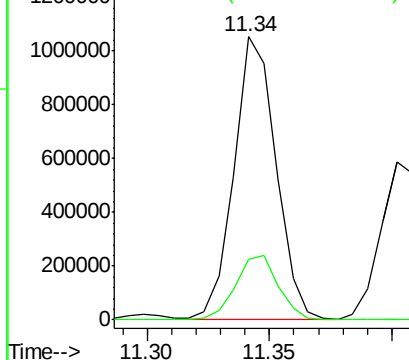
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.4	12.0	36.1		

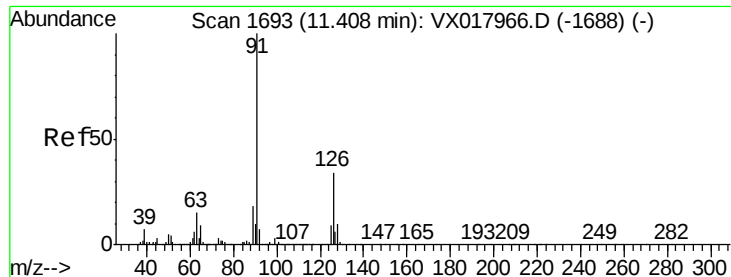


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





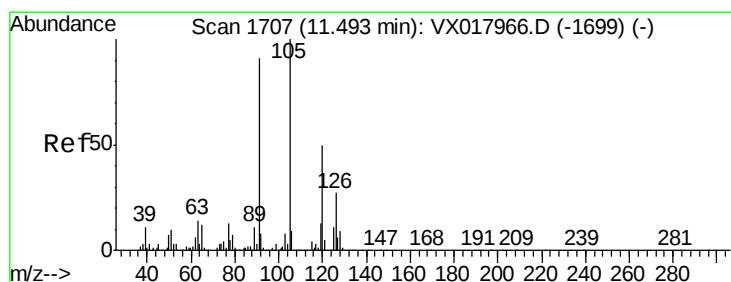
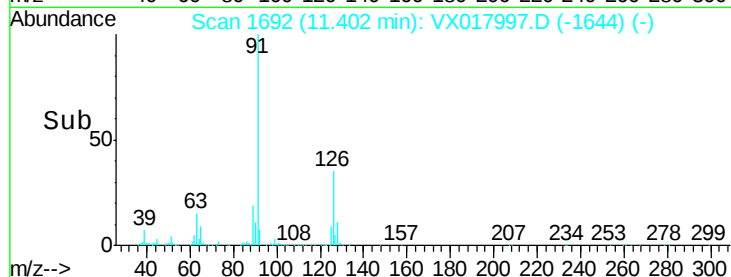
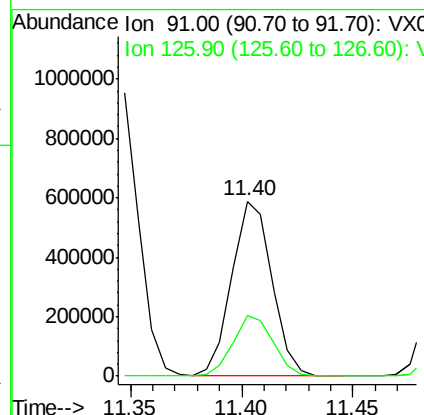
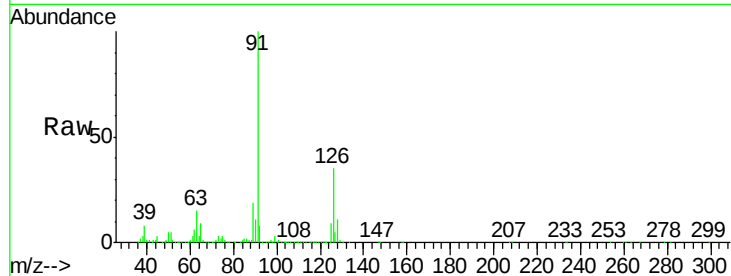
#79
 2-Chlorotoluene
 Concen: 49.205 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.1	51.2

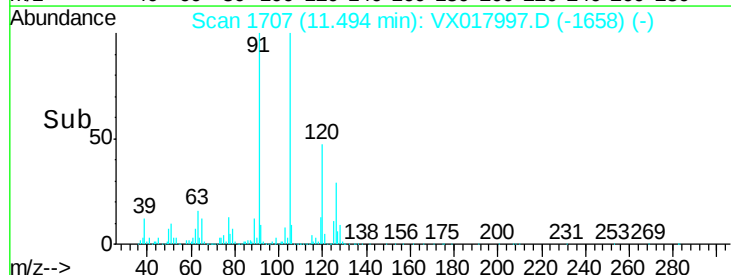
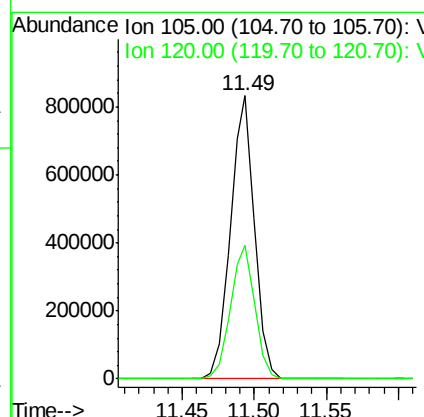
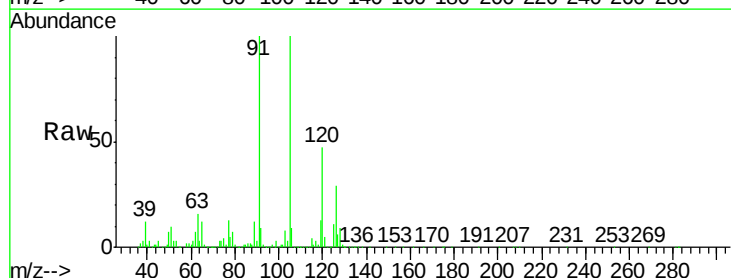
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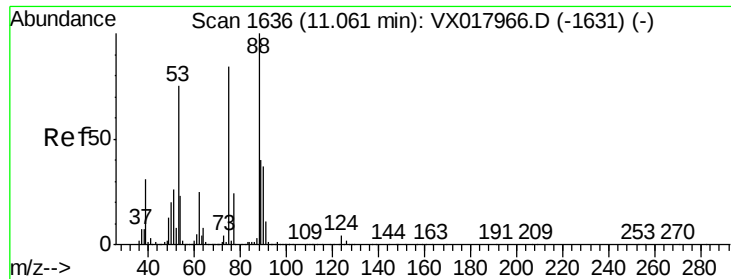
MMDadoda
 8/20/2020 9:10:53 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.786 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.1	72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.492 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

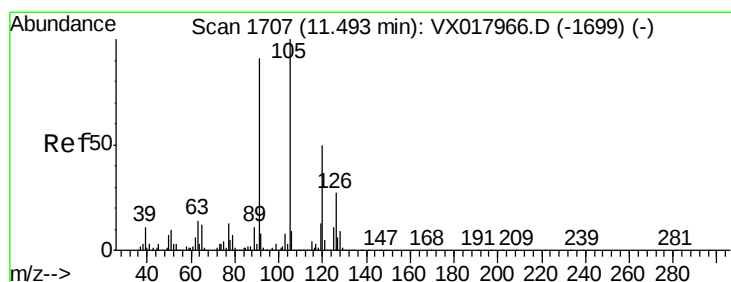
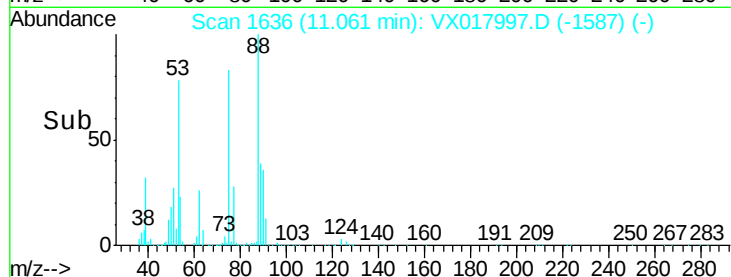
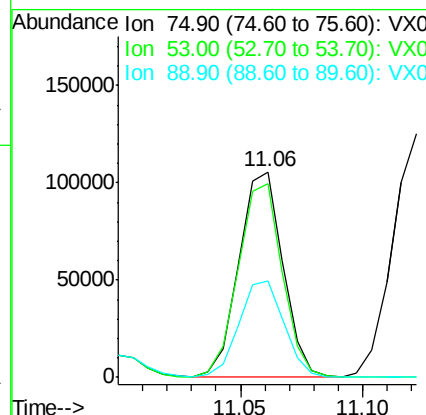
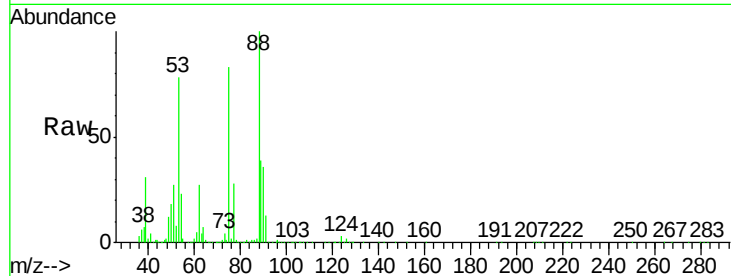
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	130956
Ion	Ratio	Lower	Upper
75	100		
53	95.4	75.2	112.8
89	48.7	38.4	57.6

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#82

4-Chlorotoluene

Concen: 54.637 ug/l

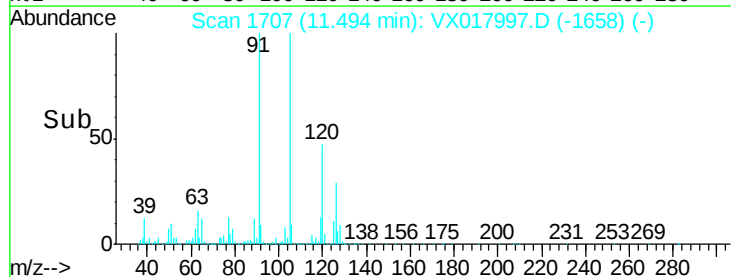
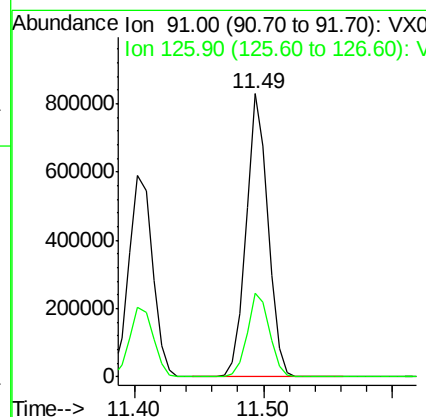
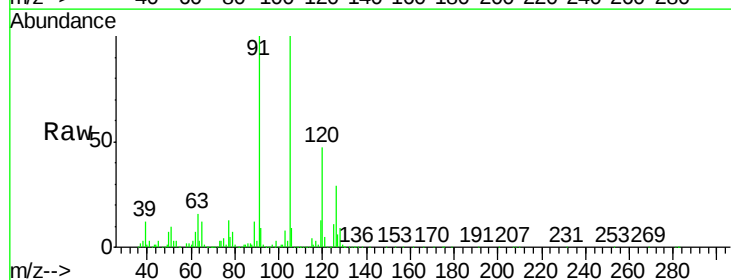
RT: 11.49 min Scan# 1707

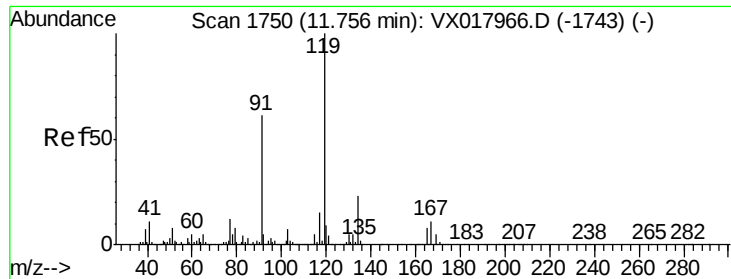
Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion:	91	Resp:	963543
Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.0	45.0





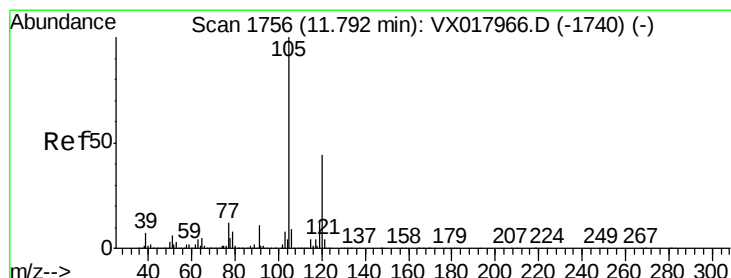
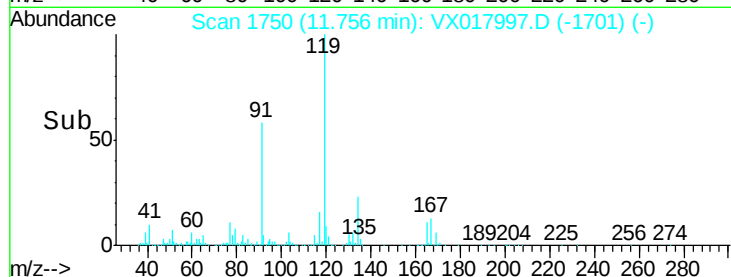
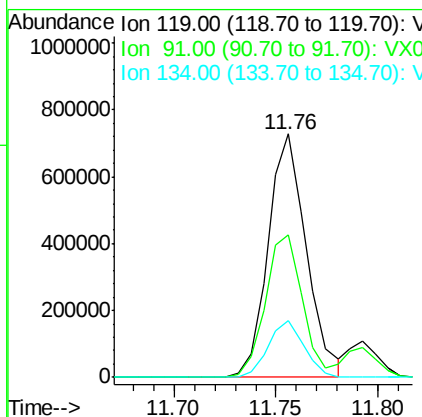
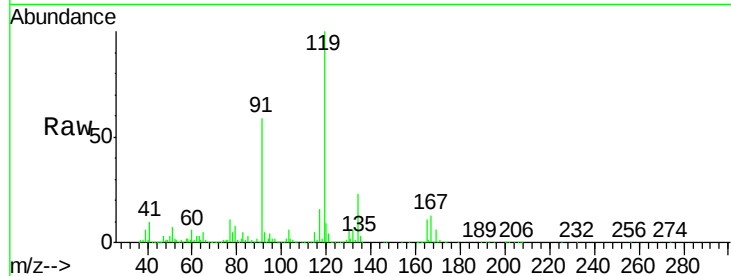
#83
tert-Butylbenzene
Concen: 54.415 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	949010		
91	56.5	30.1	90.5	
134	22.1	11.1	33.1	

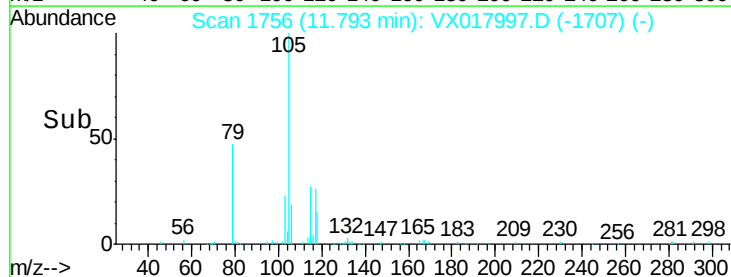
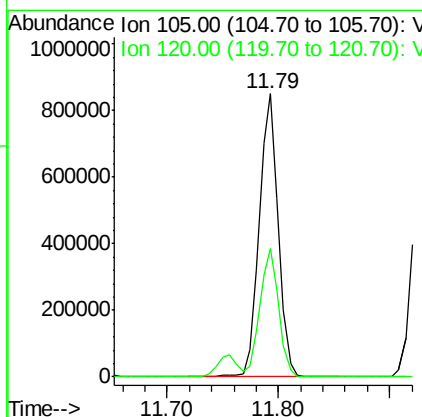
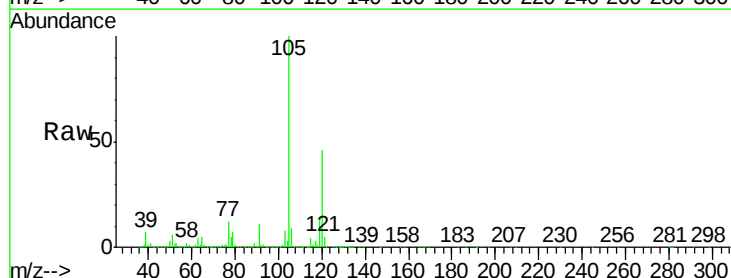
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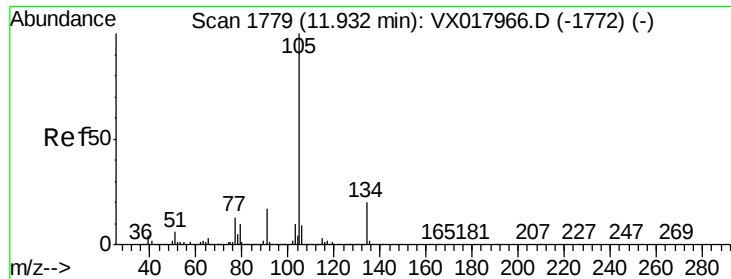
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#84
1,2,4-Trimethylbenzene
Concen: 52.938 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1012107		
120	45.0	22.1	66.1	





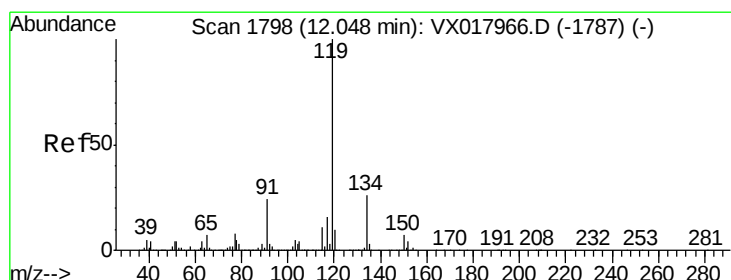
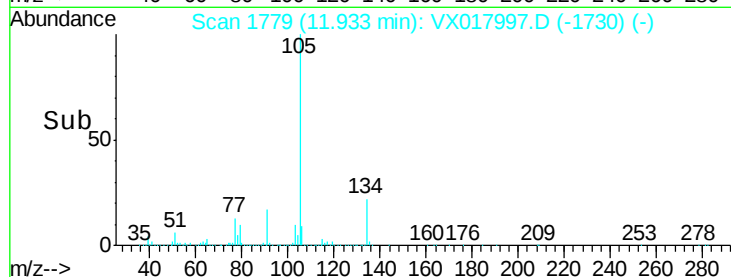
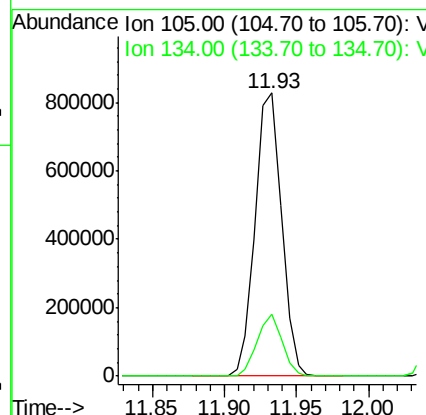
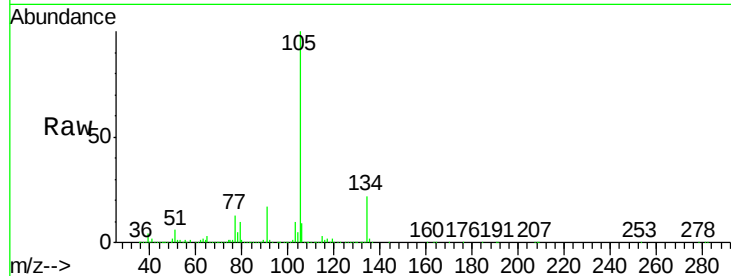
#85
 sec-Butylbenzene
 Concen: 49.776 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1047952
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9

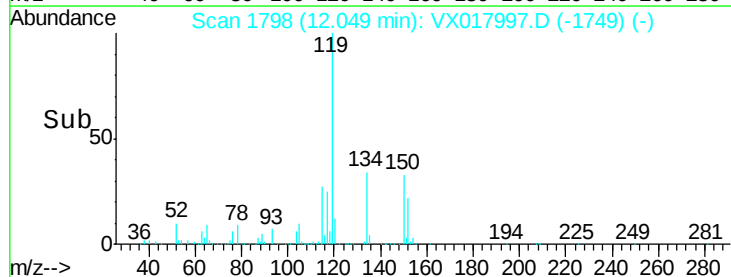
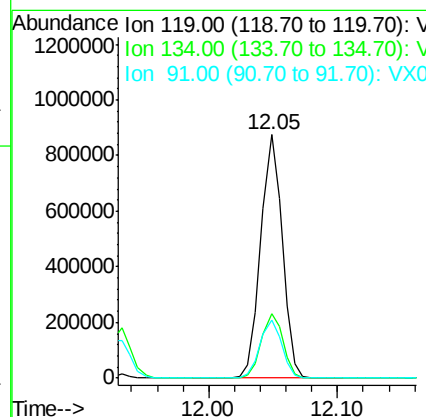
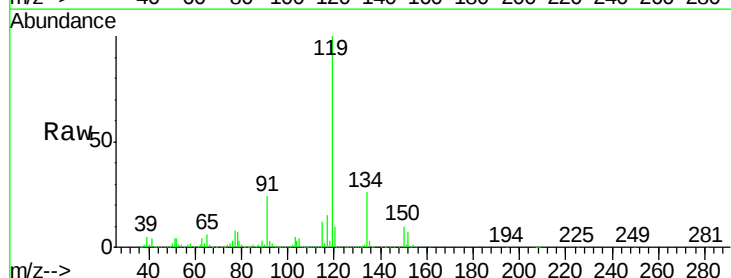
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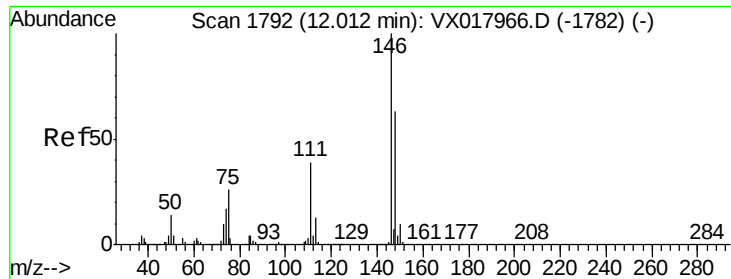
MMDadoda
 8/20/2020 9:10:53 AM



#86
 p-Isopropyltoluene
 Concen: 51.308 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion:119 Resp: 1004840
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.7 38.0
 91 24.3 12.2 36.4





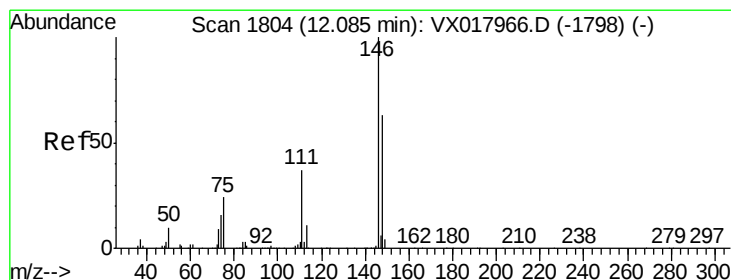
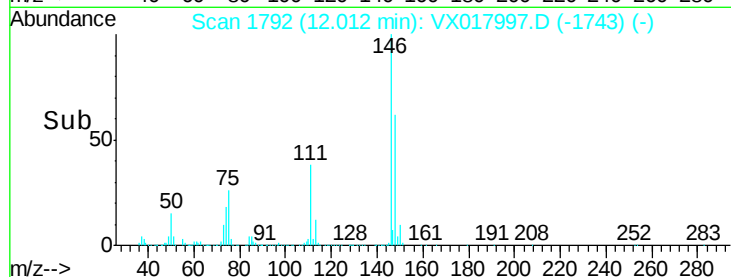
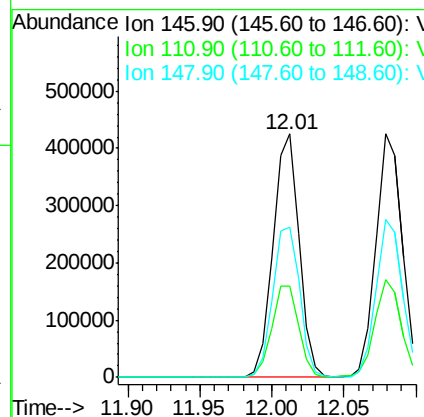
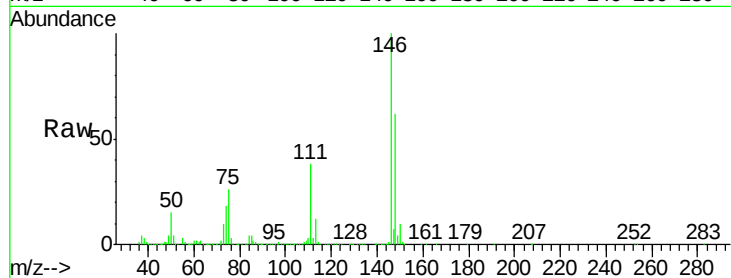
#87
 1,3-Dichlorobenzene
 Concen: 50.153 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.3
148	64.1	31.6	95.0

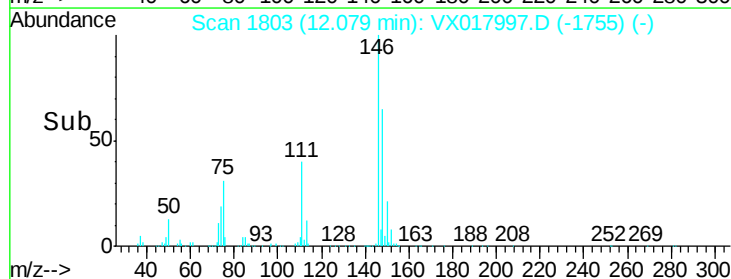
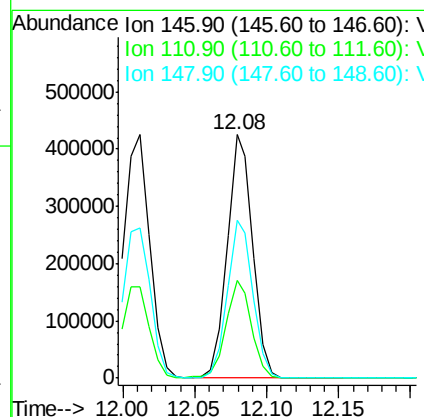
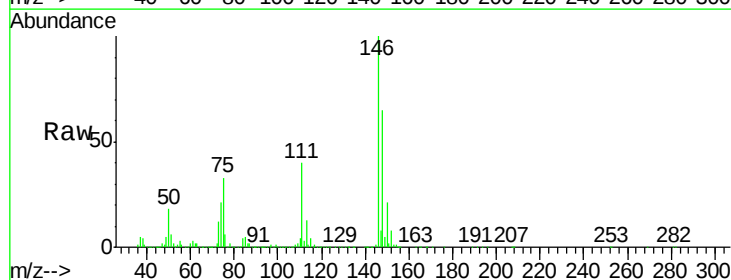
Manual Integrations
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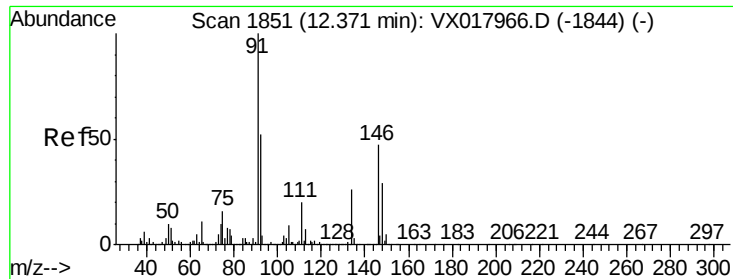
MMDadoda
 8/20/2020 9:10:53 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.793 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	65.3	31.9	95.7





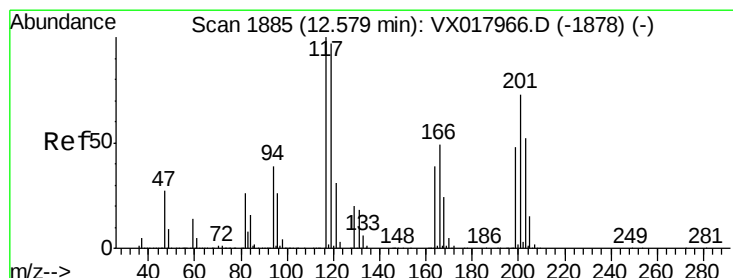
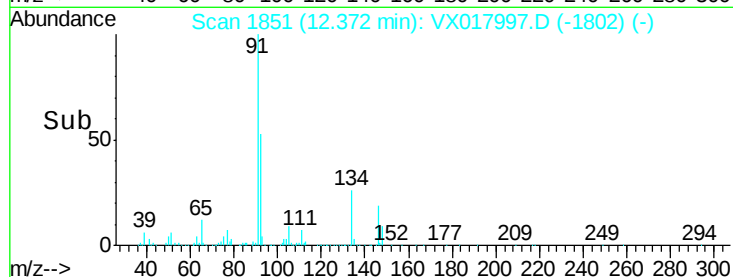
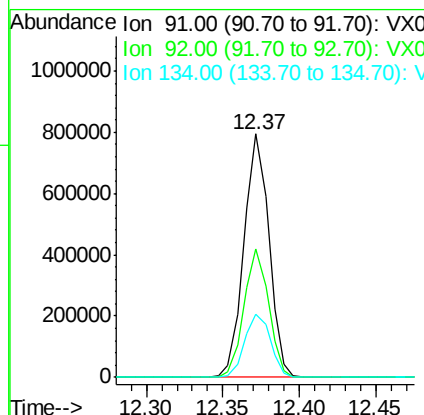
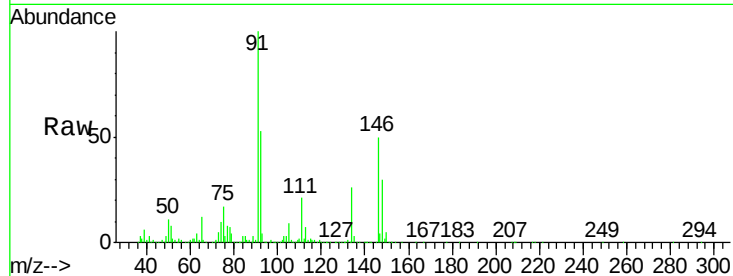
#89
n-Butylbenzene
Concen: 55.532 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	900105		
92	52.1	25.7	77.0	
134	27.1	13.4	40.2	

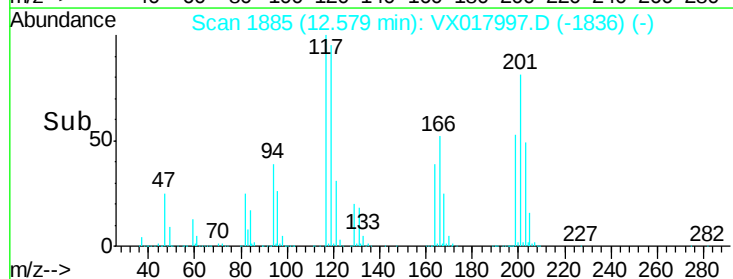
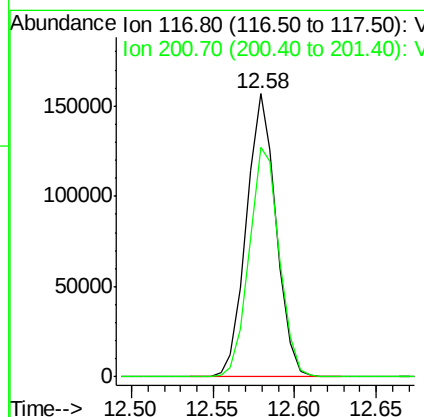
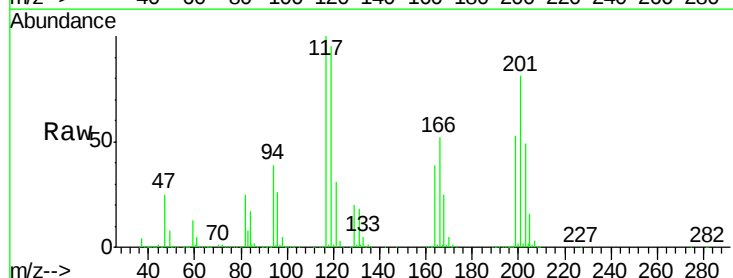
Manual Integrations
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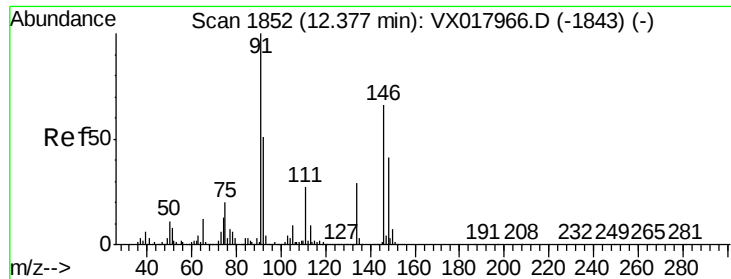
MMDadoda
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#90
Hexachloroethane
Concen: 50.901 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	198260		
201	82.3	40.8	122.2	





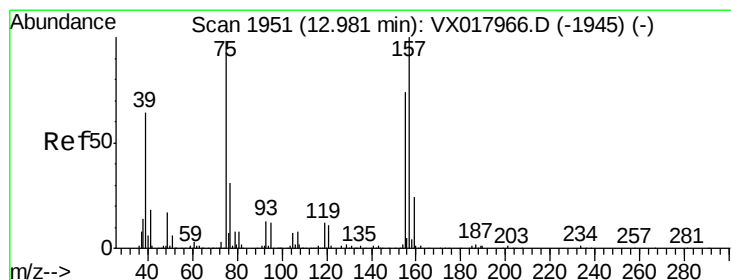
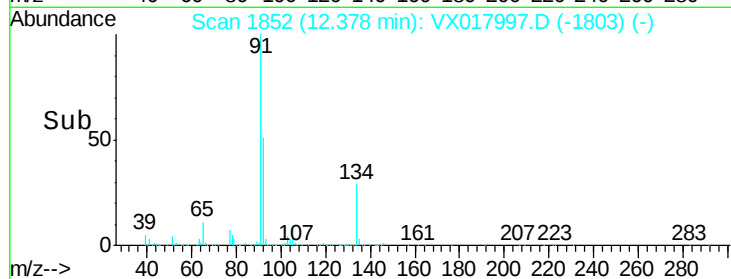
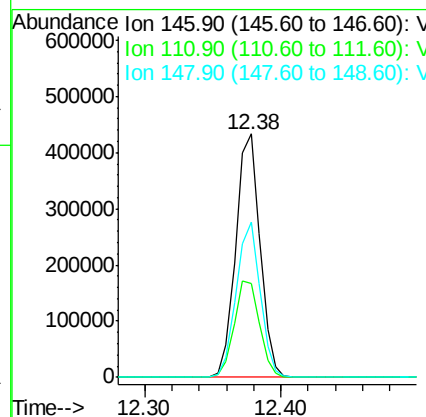
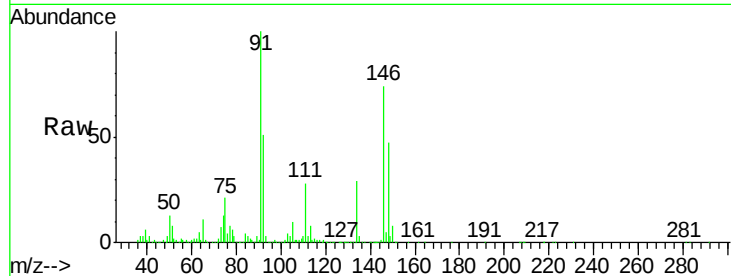
#91
 1,2-Dichlorobenzene
 Concen: 54.725 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	536713		
111	41.6	20.6	61.9	
148	63.1	31.2	93.6	

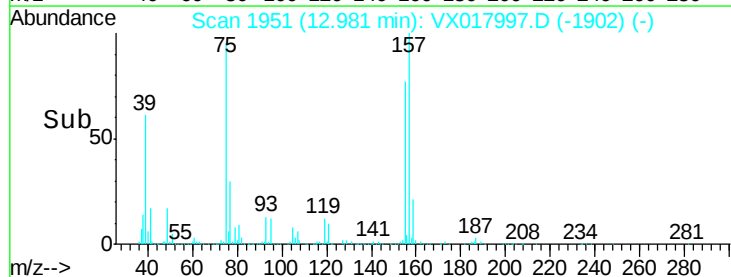
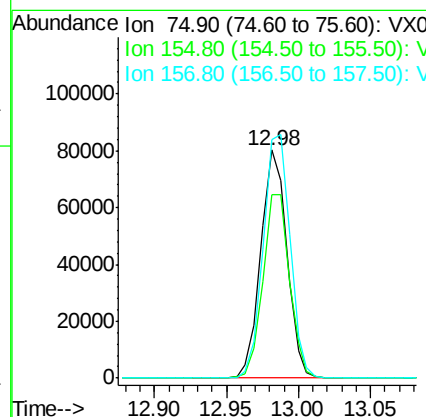
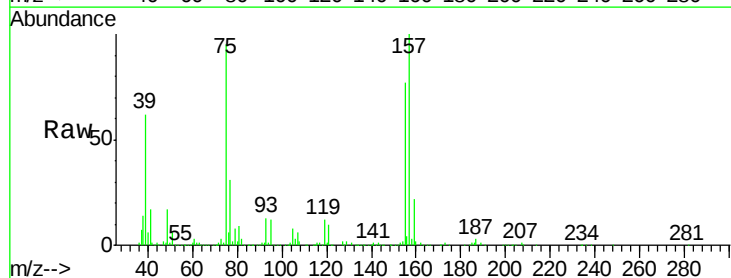
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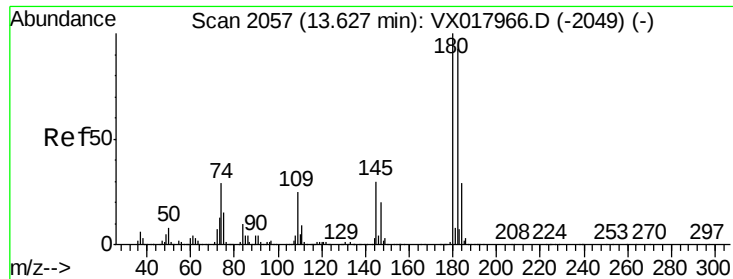
MMDadoda
 8/20/2020 9:10:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.692 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	100380		
155	81.9	40.5	121.5	
157	109.7	54.4	163.2	





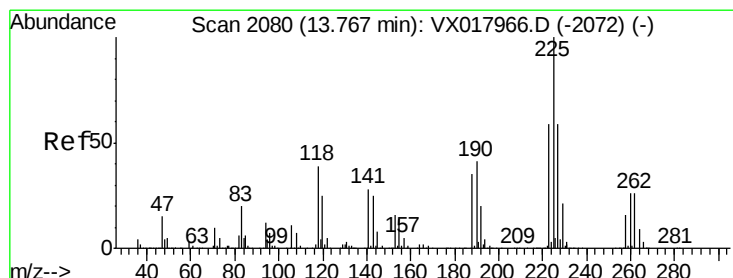
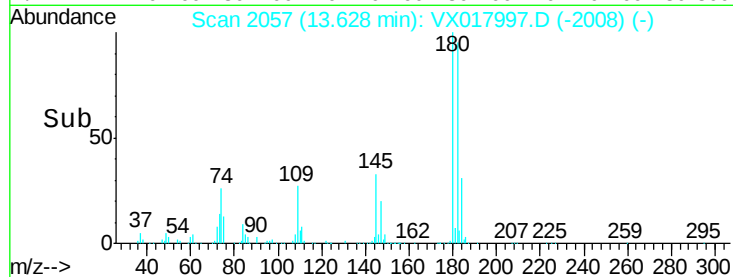
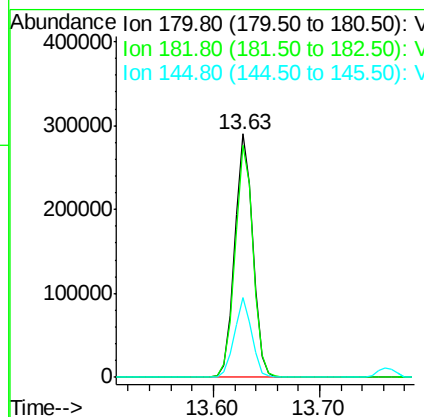
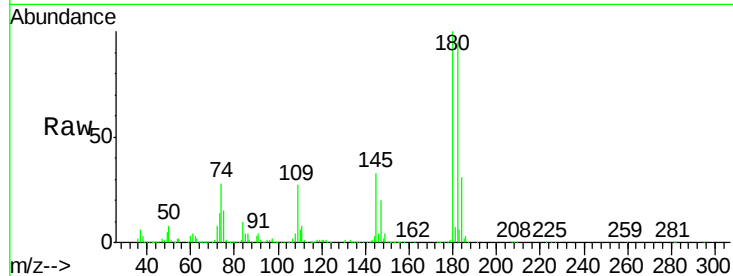
#93
1,2,4-Trichlorobenzene
Concen: 53.371 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	180	Resp:	344349
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.8	146.4
145	31.4	16.0	48.0

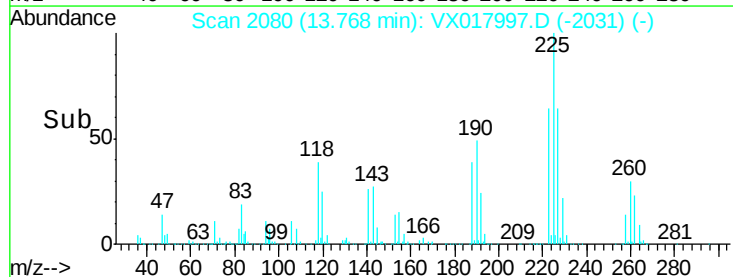
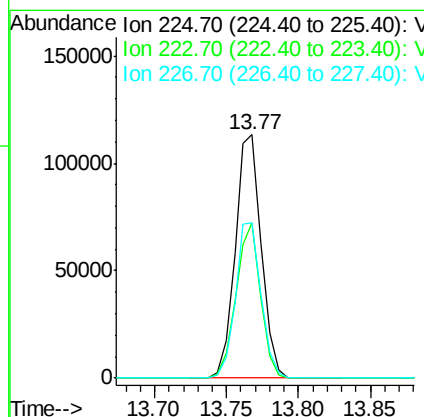
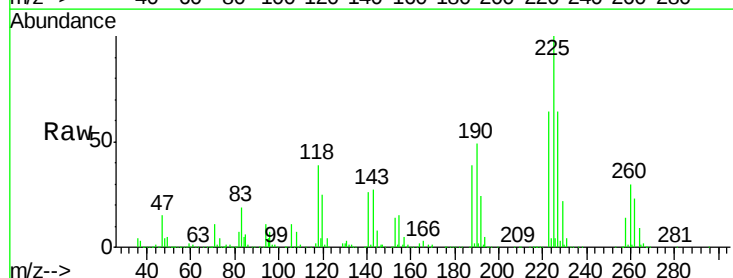
Manual Integrations
APPROVED

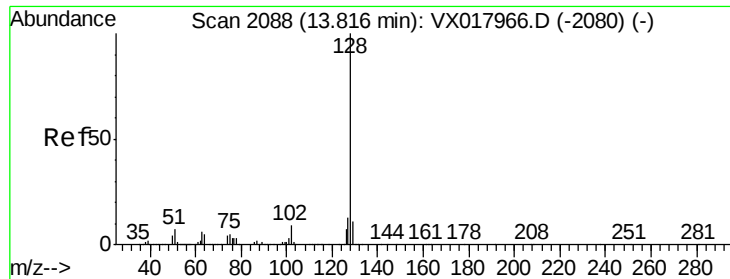
MMDadoda
8/20/2020 9:10:53 AM



#94
Hexachlorobutadiene
Concen: 51.851 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion:	225	Resp:	142770
Ion Ratio	Lower	Upper	
225	100		
223	60.3	32.1	96.3
227	63.0	29.8	89.5





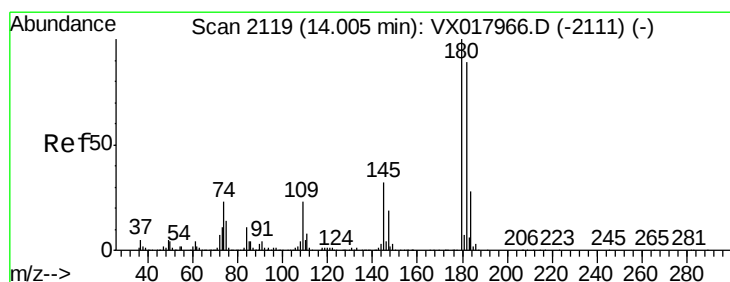
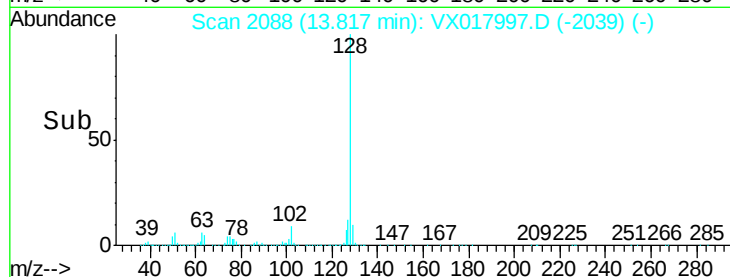
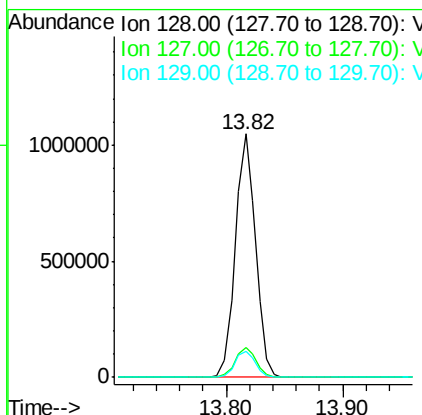
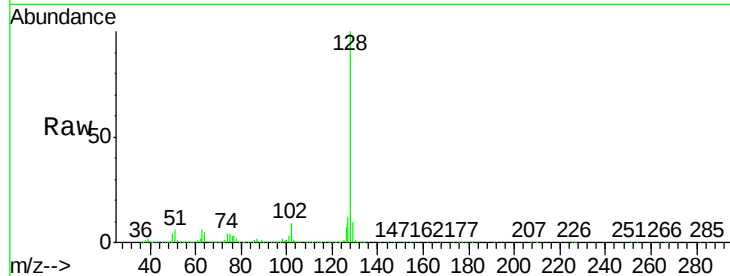
#95
Naphthalene
Concen: 62.121 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	10.9	8.6	13.0

Manual Integrations
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8/20/2020 9:10:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.393 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.6	139.8
145	33.4	16.8	50.4

