

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017971.D
 Acq On : 19 Aug 2020 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:16:39 AM

Quant Time: Aug 19 13:24:13 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	5.63	168	509903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	730457	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	684065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	333339	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
35) Dibromofluoromethane	5.46	113	258073	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.70	98	975869	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.12	95	406590	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	379880	49.315	ug/l	98
3) Chloromethane	1.31	50	333171	47.778	ug/l	97
4) Vinyl Chloride	1.39	62	334767	46.532	ug/l	97
5) Bromomethane	1.62	94	197623	50.642	ug/l	99
6) Chloroethane	1.71	64	190559	49.831	ug/l	98
7) Trichlorofluoromethane	1.92	101	517961	48.508	ug/l	97
8) Diethyl Ether	2.17	74	142178	45.687	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	234170	46.629	ug/l	99
10) Methyl Iodide	2.49	142	279450	43.152	ug/l	99
11) Tert butyl alcohol	3.02	59	309005	214.112	ug/l	99
12) 1,1-Dichloroethene	2.36	96	206869	45.010	ug/l	98
13) Acrolein	2.28	56	187841	246.394	ug/l	98
14) Allyl chloride	2.71	41	362453	44.217	ug/l	96
15) Acrylonitrile	3.12	53	727572	230.846	ug/l	99
16) Acetone	2.42	43	633062	215.278	ug/l	99
17) Carbon Disulfide	2.55	76	519852	46.618	ug/l	100
18) Methyl Acetate	2.75	43	325099	43.935	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	877246	49.924	ug/l	99
20) Methylene Chloride	2.84	84	237908	43.911	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	233089	49.332	ug/l	96
22) Diisopropyl ether	3.82	45	858942	49.987	ug/l	97
23) Vinyl Acetate	3.78	43	3188872	242.842	ug/l	100
24) 1,1-Dichloroethane	3.67	63	454508	47.714	ug/l	98
25) 2-Butanone	4.64	43	1002980	225.290	ug/l	97
26) 2,2-Dichloropropane	4.55	77	444693	51.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	280440	50.315	ug/l	98
28) Bromochloromethane	4.98	49	218120	44.309	ug/l	99
29) Tetrahydrofuran	5.09	42	624351	225.810	ug/l	99
30) Chloroform	5.17	83	496724	47.708	ug/l	100
31) Cyclohexane	5.54	56	406503	52.626	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	444853	47.098	ug/l	100
36) 1,1-Dichloropropene	5.77	75	334835	54.765	ug/l	99
37) Ethyl Acetate	4.79	43	348332	47.617	ug/l	99
38) Carbon Tetrachloride	5.76	117	419279	52.988	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	403653	51.523	ug/l	95
40) Benzene	6.11	78	929003	50.449	ug/l	100
41) Methacrylonitrile	5.00	41	207275	49.436	ug/l	99
42) 1,2-Dichloroethane	6.16	62	395240	50.529	ug/l	100
43) Isopropyl Acetate	6.42	43	582439	49.322	ug/l	99
44) Trichloroethene	7.19	130	277054	50.734	ug/l	93
45) 1,2-Dichloropropane	7.49	63	248855	47.166	ug/l	99
46) Dibromomethane	7.63	93	186276	50.587	ug/l	98
47) Bromodichloromethane	7.87	83	384721	48.126	ug/l	99
48) Methyl methacrylate	7.74	41	293504	50.136	ug/l	99
49) 1,4-Dioxane	7.71	88	127753	1065.938	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2016894	253.670	ug/l	100
52) Toluene	8.76	92	643529	53.415	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	451757	53.432	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	477111	54.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	283967	51.306	ug/l	97
56) Ethyl methacrylate	9.16	69	409476	52.326	ug/l	99
57) 1,3-Dichloropropane	9.35	76	446341	50.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1001180	264.196	ug/l	99
59) 2-Hexanone	9.47	43	1444422	239.751	ug/l	99
60) Dibromochloromethane	9.56	129	338068	48.906	ug/l	99
61) 1,2-Dibromoethane	9.65	107	280959	45.828	ug/l	98
64) Tetrachloroethene	9.32	164	296992	56.851	ug/l	97
65) Chlorobenzene	10.12	112	750892	55.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	298569	51.980	ug/l	97
67) Ethyl Benzene	10.24	91	1172828	52.394	ug/l	99
68) m/p-Xylenes	10.34	106	1017499	118.070	ug/l	99
69) o-Xylene	10.68	106	435051	52.351	ug/l	100
70) Styrene	10.70	104	800331	55.823	ug/l	100
71) Bromoform	10.84	173	261919	50.805	ug/l #	99
73) Isopropylbenzene	11.00	105	1248030	47.234	ug/l	100
74) N-amyl acetate	10.88	43	564141	48.002	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	425586	46.172	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	425599m	48.752	ug/l	
77) Bromobenzene	11.24	156	378452	51.626	ug/l	96
78) n-propylbenzene	11.34	91	1598171	51.714	ug/l	99
79) 2-Chlorotoluene	11.40	91	934967	49.644	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1168705	50.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	150462	45.278	ug/l	96
82) 4-Chlorotoluene	11.49	91	1108945	50.070	ug/l	100
83) tert-Butylbenzene	11.76	119	1071918	48.940	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1139437	47.455	ug/l	99
85) sec-Butylbenzene	11.93	105	1271292	48.082	ug/l	99
86) p-Isopropyltoluene	12.05	119	1322095	53.754	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	619925	46.463	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	649864	49.717	ug/l	100
89) n-Butylbenzene	12.37	91	1047930	51.480	ug/l	98
90) Hexachloroethane	12.58	117	252417	51.602	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	565633	45.923	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98583	41.987	ug/l	98

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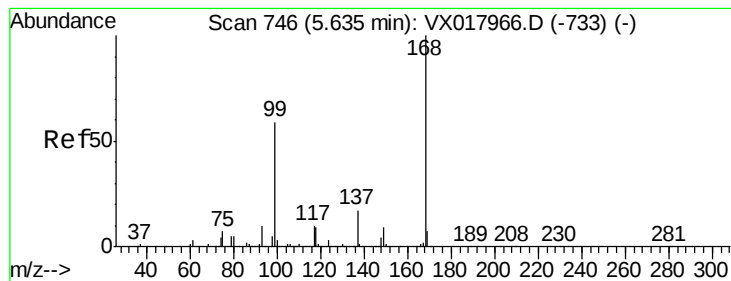
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	441423	54.478	ug/l	100
94) Hexachlorobutadiene	13.77	225	185689	53.699	ug/l	96
95) Naphthalene	13.82	128	1270589	49.677	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	452870	54.964	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 509903

Ion Ratio Lower Upper

168 100

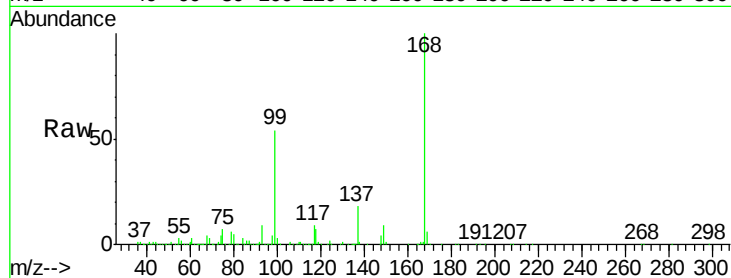
99 54.1 47.4 71.2

Manual Integrations

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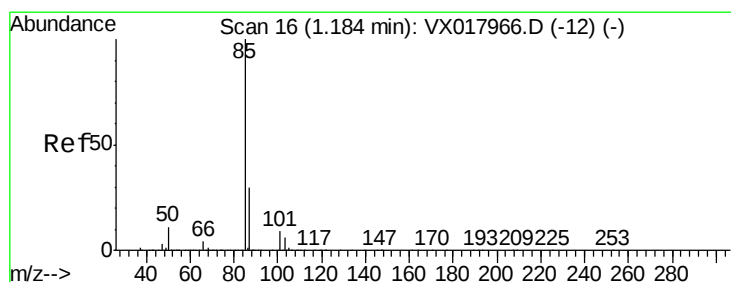
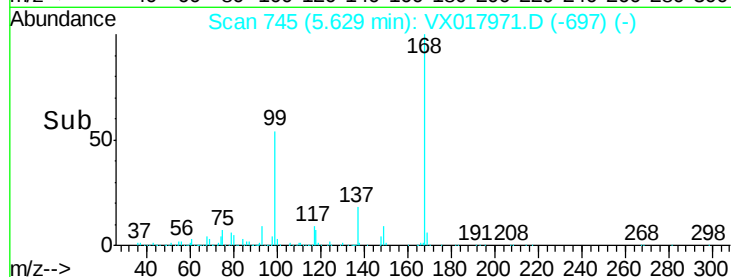
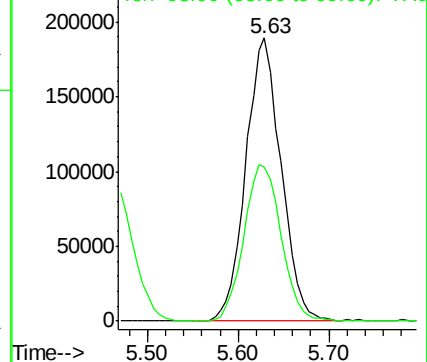
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.315 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017971.D

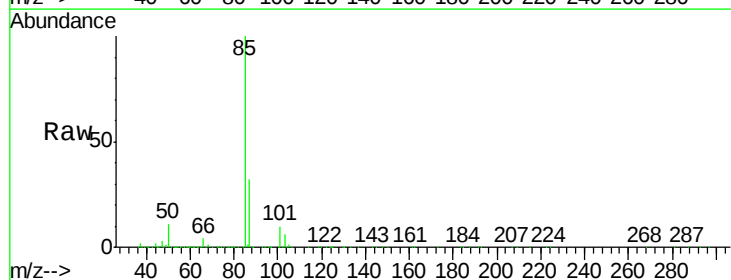
Acq: 19 Aug 2020 09:44

Tgt Ion: 85 Resp: 379880

Ion Ratio Lower Upper

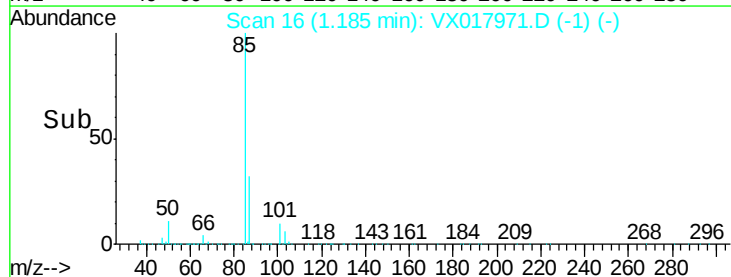
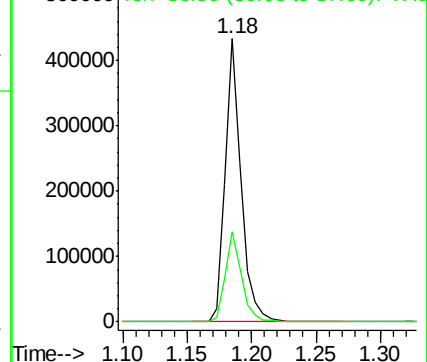
85 100

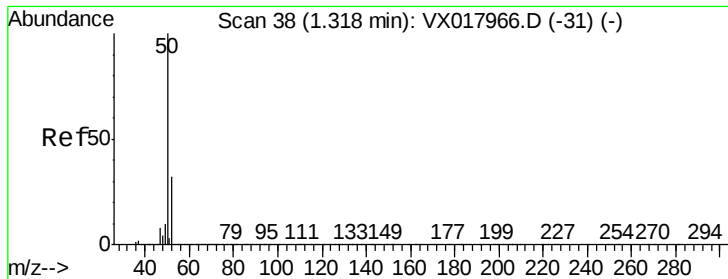
87 31.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.778 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 333171

Ion Ratio Lower Upper

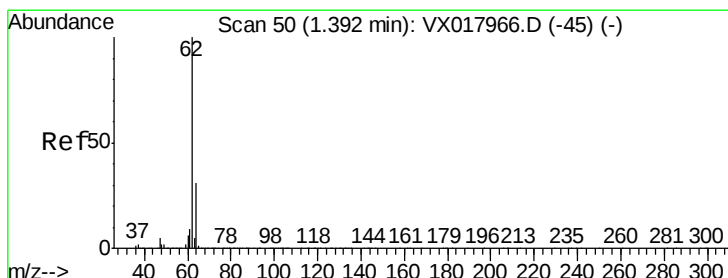
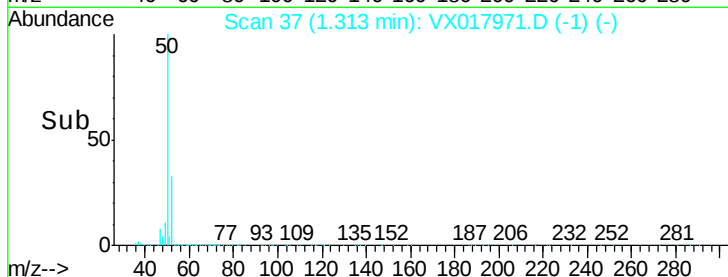
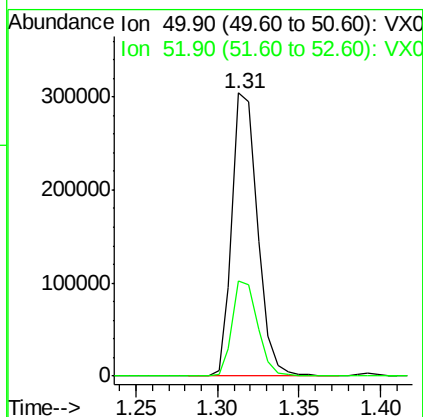
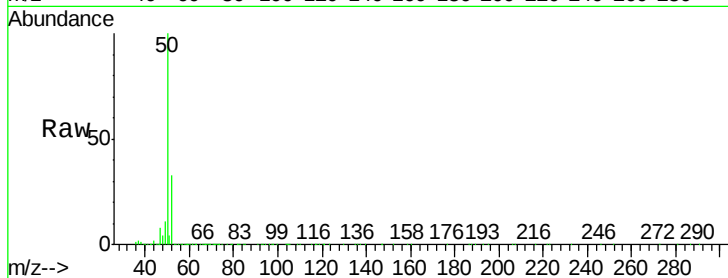
50 100

52 33.4 25.4 38.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.532 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017971.D

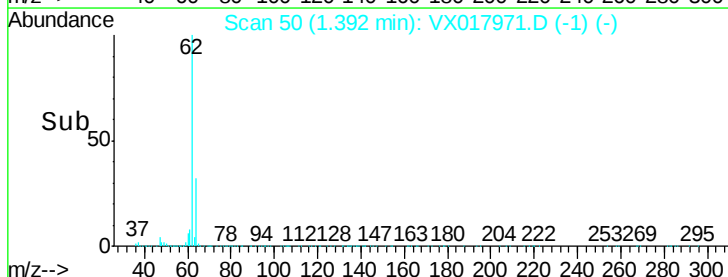
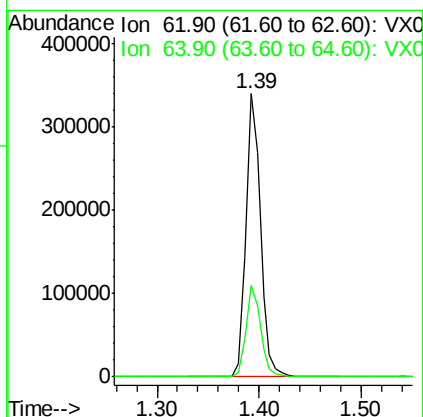
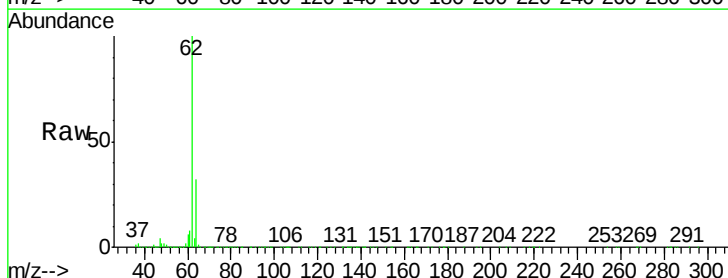
Acq: 19 Aug 2020 09:44

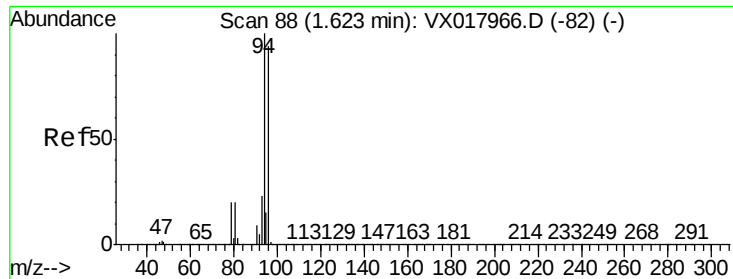
Tgt Ion: 62 Resp: 334767

Ion Ratio Lower Upper

62 100

64 32.3 24.7 37.1





#5

Bromomethane

Concen: 50.642 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 197623

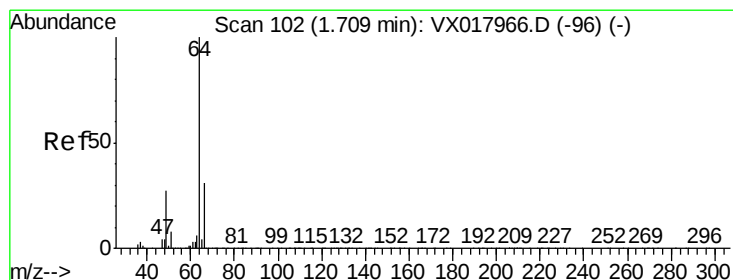
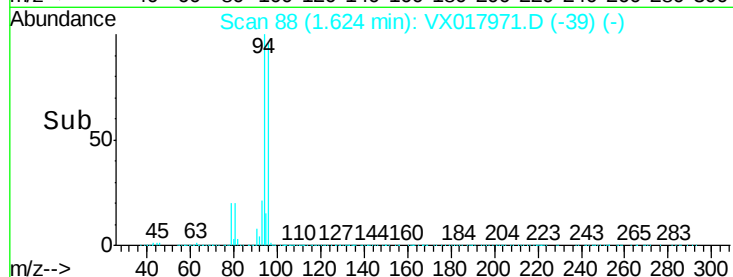
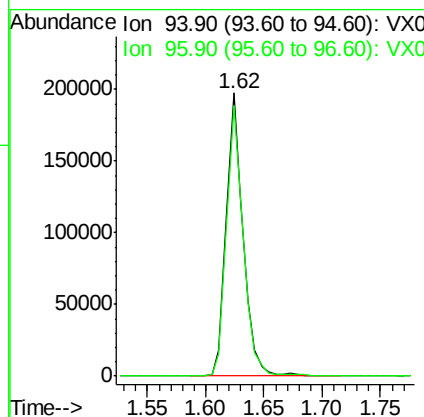
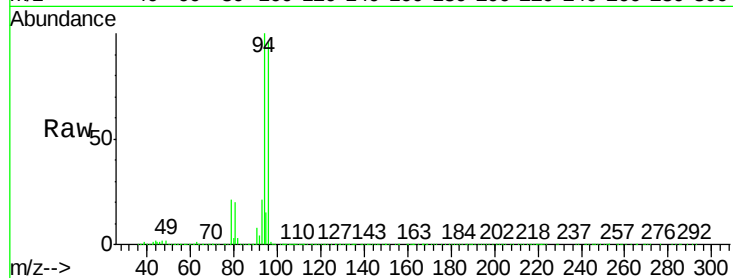
Ion Ratio Lower Upper

94 100

96 95.6 75.5 113.3

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#6

Chloroethane

Concen: 49.831 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017971.D

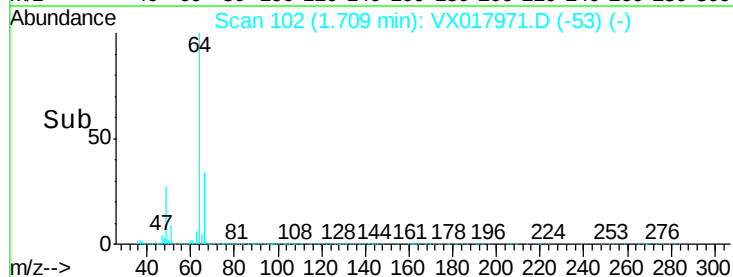
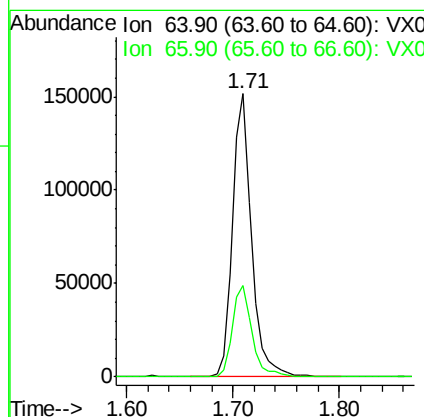
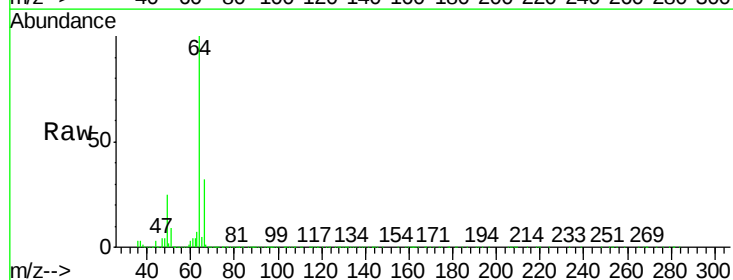
Acq: 19 Aug 2020 09:44

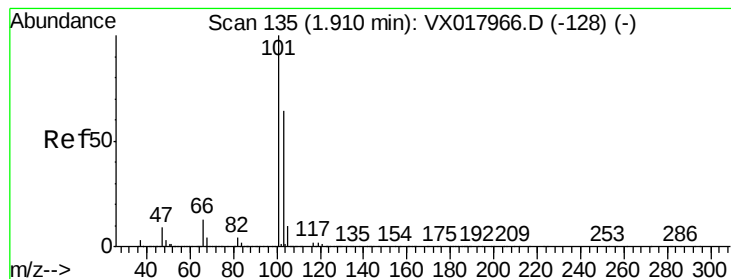
Tgt Ion: 64 Resp: 190559

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4





#7

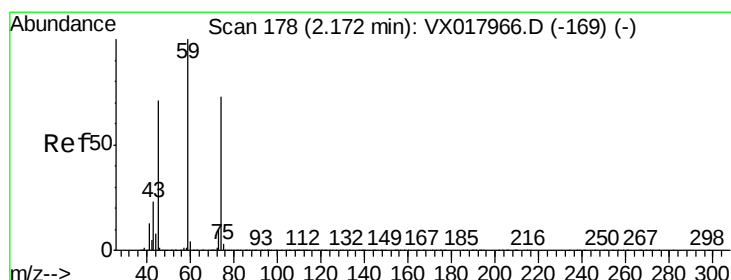
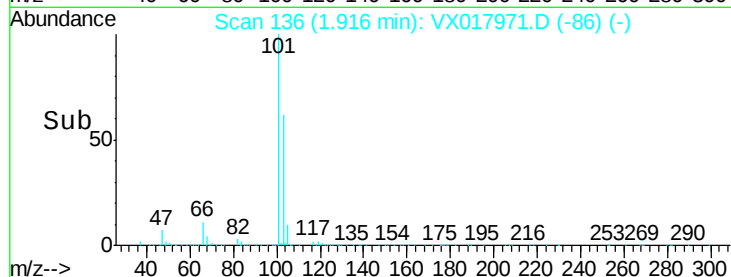
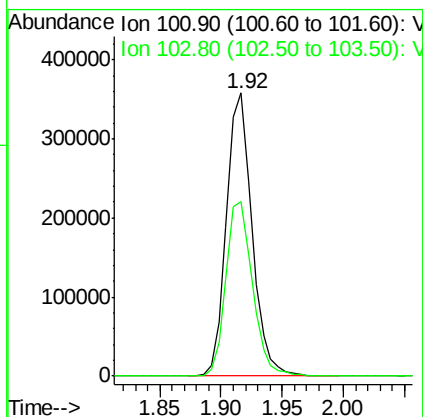
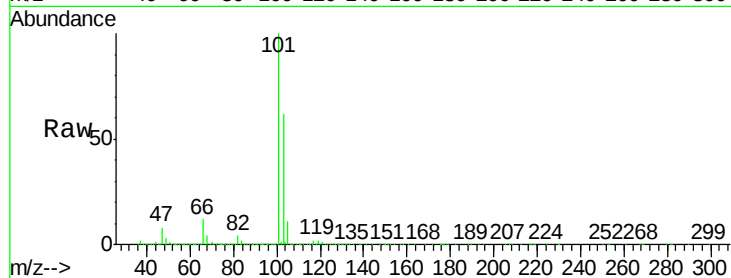
Trichlorofluoromethane
Concen: 48.508 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	51.2	76.8

Manual Integrations
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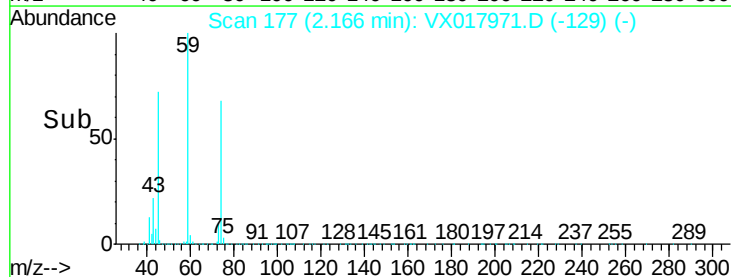
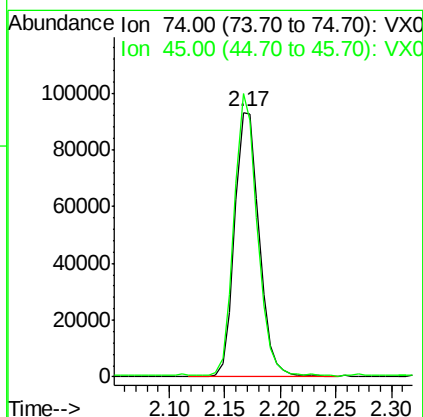
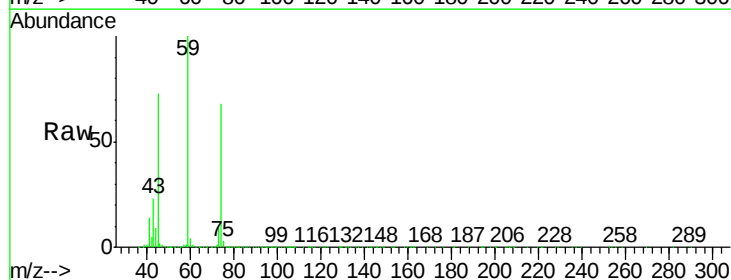
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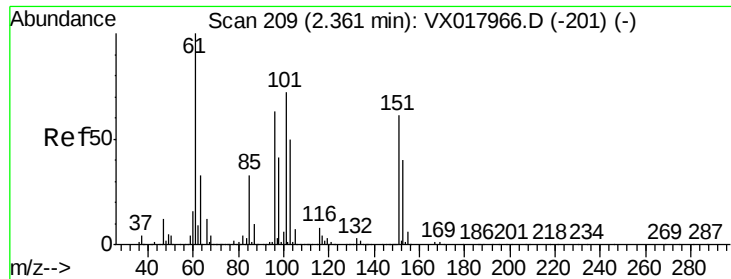


#8

Diethyl Ether
Concen: 45.687 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	50.5	151.6





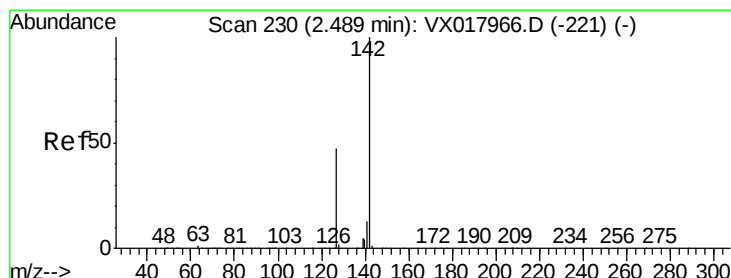
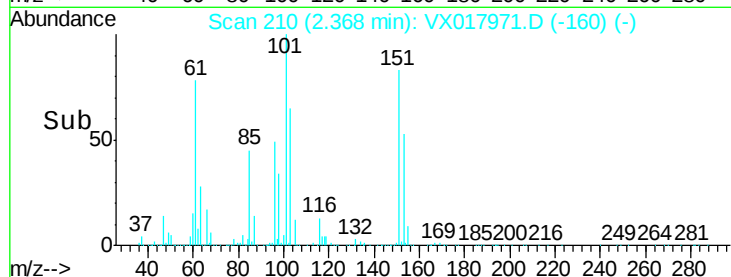
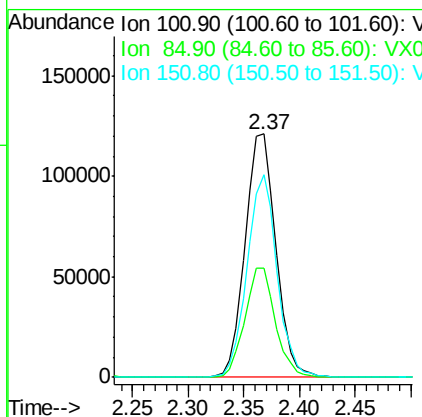
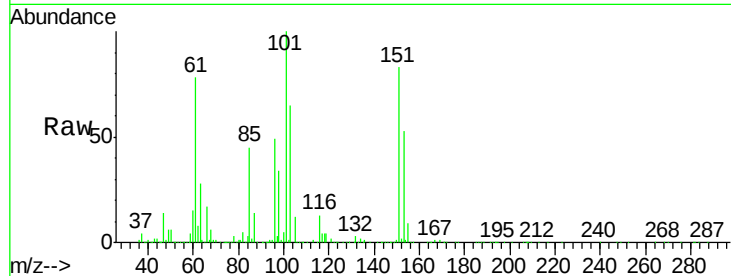
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.629 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	234170		
85	44.5	35.4	53.2	
151	81.0	65.4	98.0	

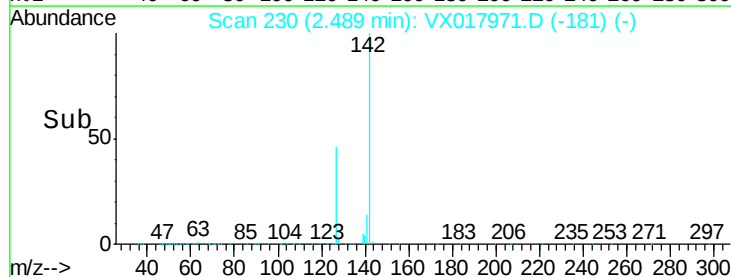
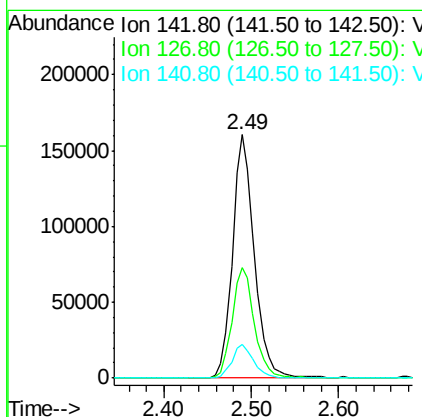
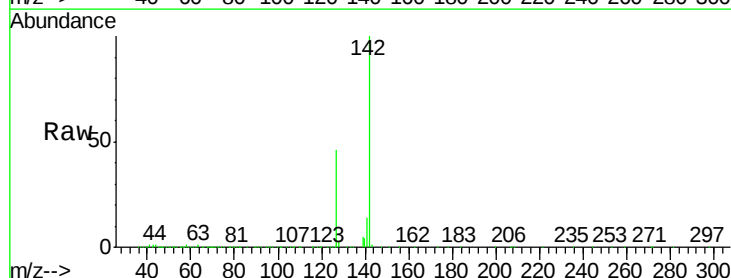
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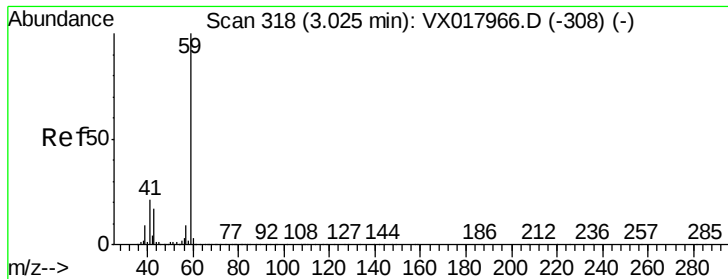
MMDadoda
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#10
Methyl Iodide
Concen: 43.152 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	279450		
127	46.6	38.0	57.0	
141	14.0	11.2	16.8	





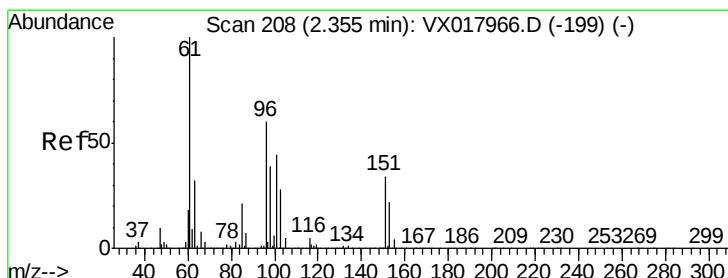
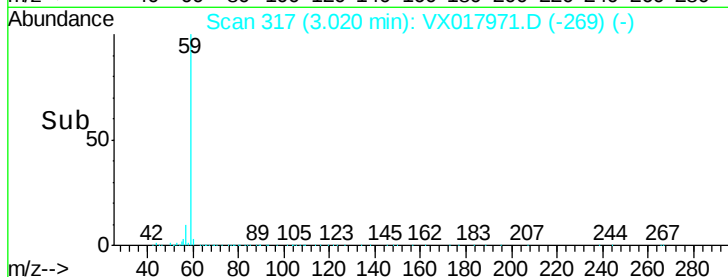
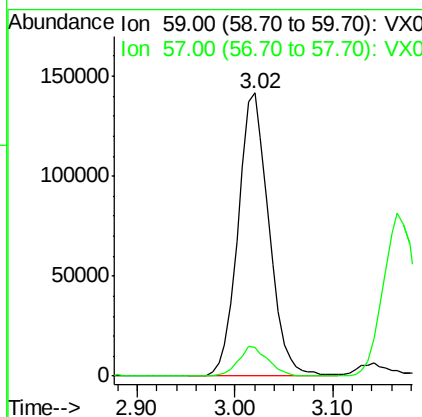
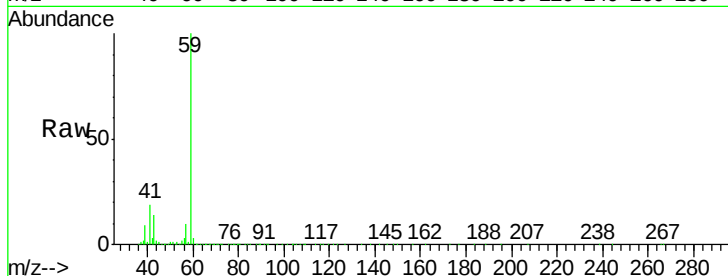
#11
Tert butyl alcohol
Concen: 214.112 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 309005
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0

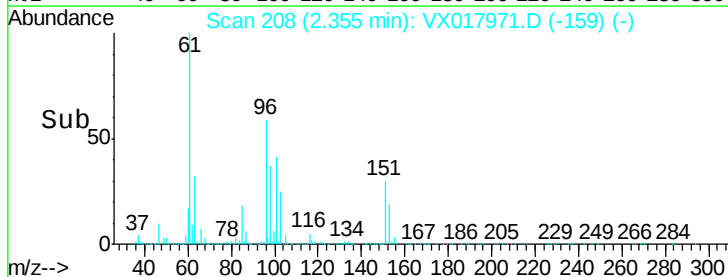
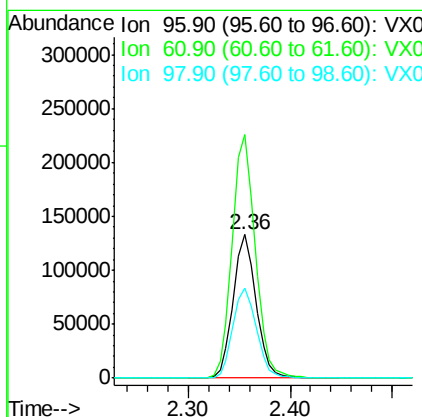
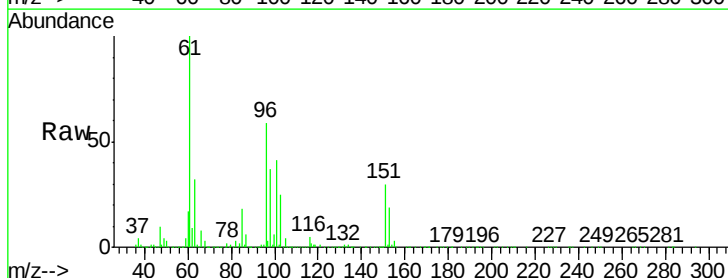
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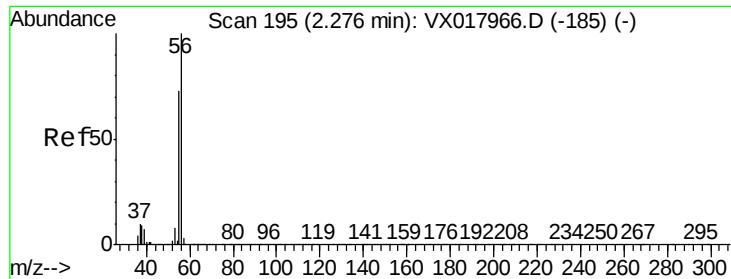
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.010 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 96 Resp: 206869
Ion Ratio Lower Upper
96 100
61 169.6 132.9 199.3
98 63.0 51.6 77.4





#13

Acrolein

Concen: 246.394 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 187841

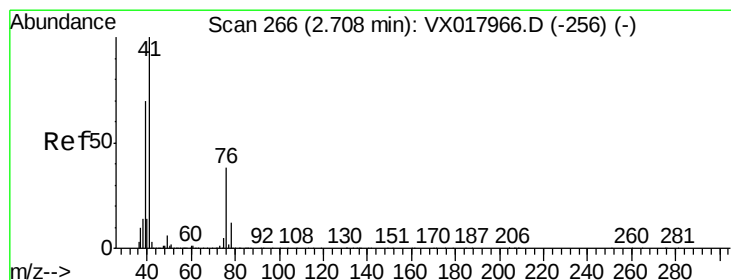
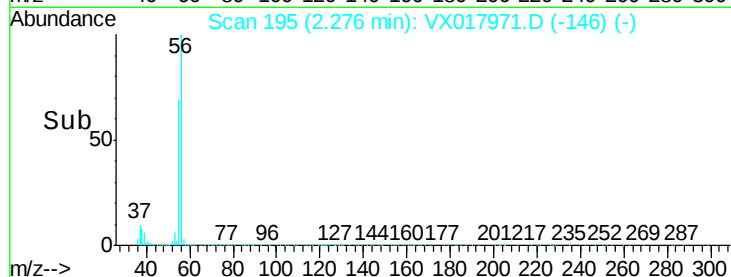
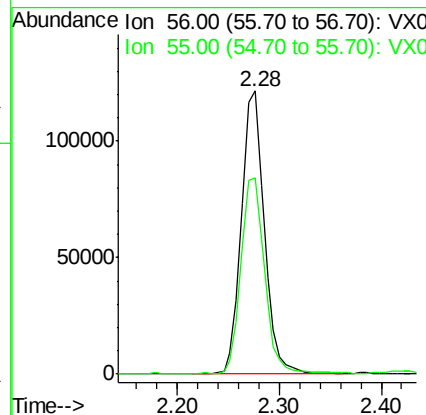
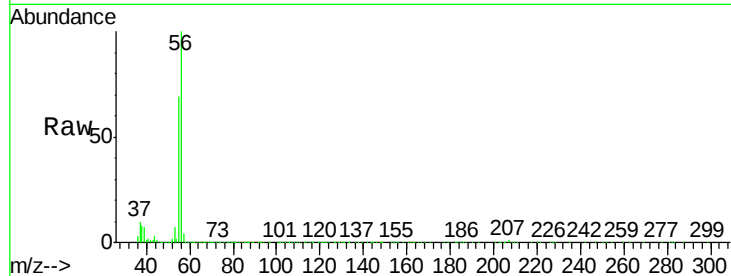
Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.4

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#14

Allyl chloride

Concen: 44.217 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

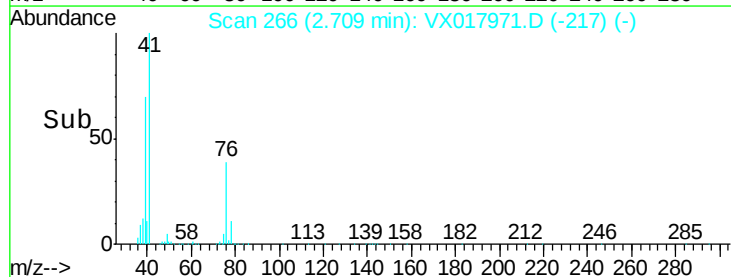
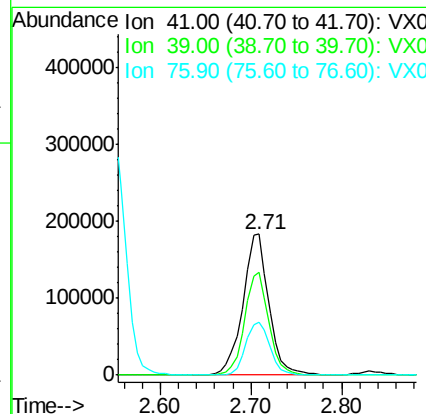
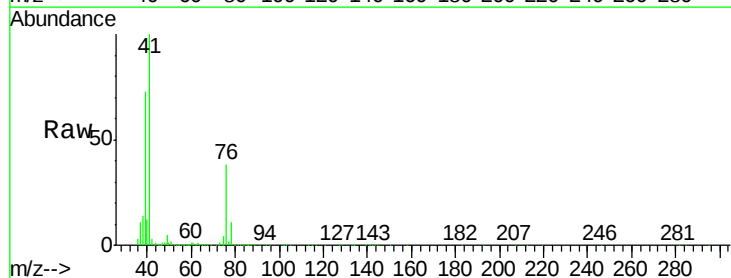
Tgt Ion: 41 Resp: 362453

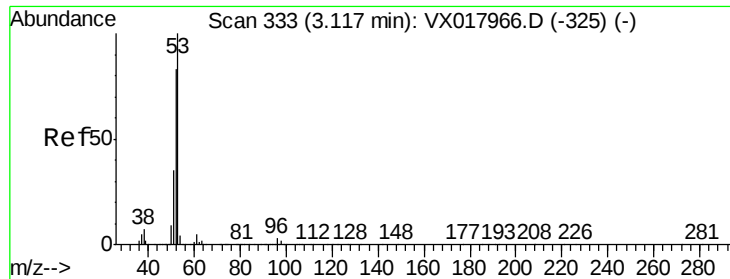
Ion Ratio Lower Upper

41 100

39 67.7 51.7 77.5

76 34.5 26.3 39.5





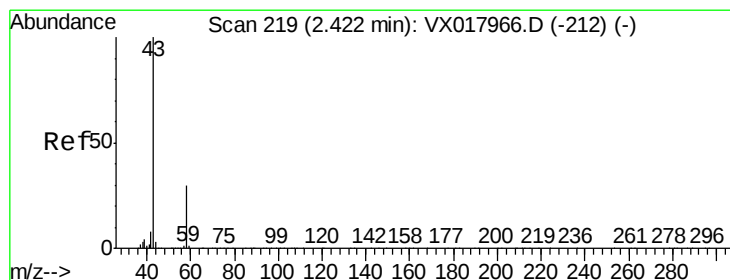
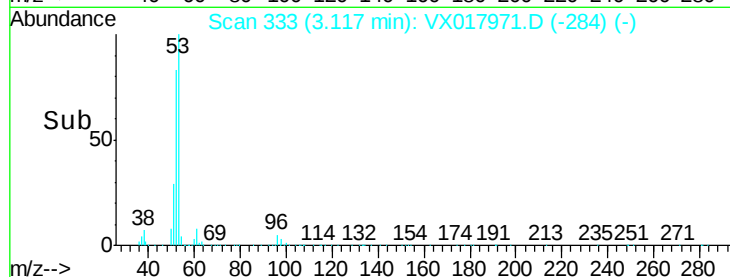
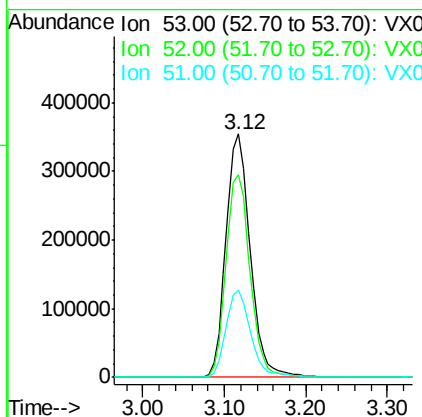
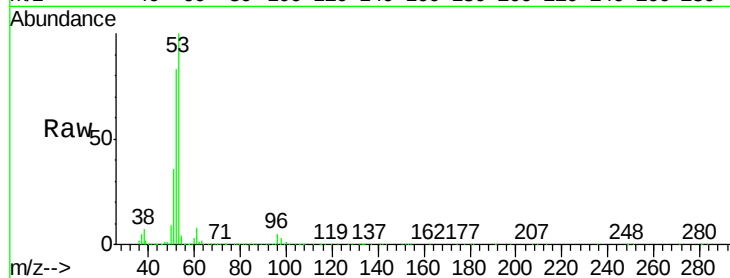
#15
 Acrylonitrile
 Concen: 230.846 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	727572
Ion Ratio	Lower	Upper	
53	100		
52	82.7	67.1	100.7
51	36.6	29.2	43.8

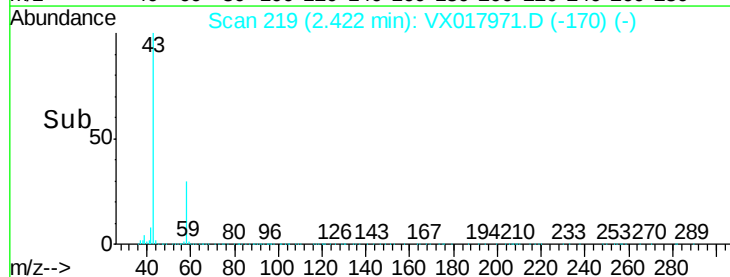
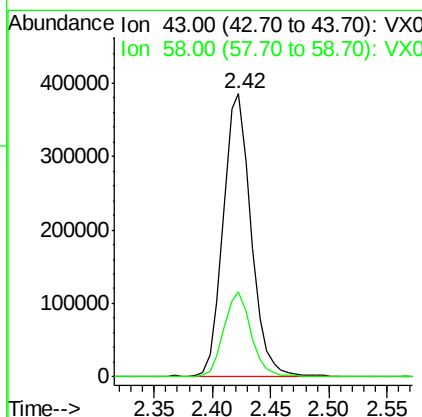
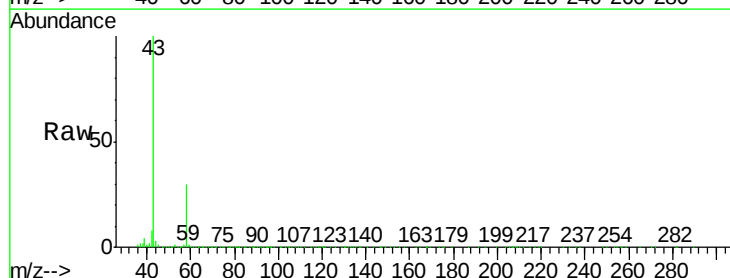
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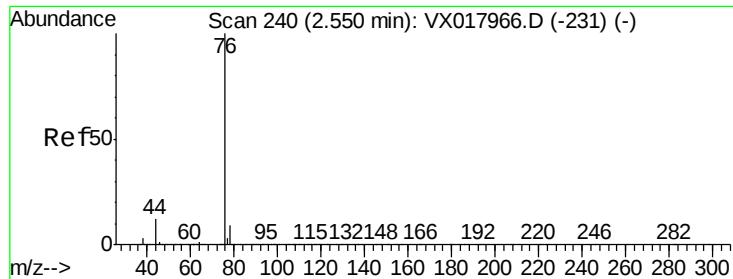
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#16
 Acetone
 Concen: 215.278 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion:	43	Resp:	633062
Ion Ratio	Lower	Upper	
43	100		
58	30.1	23.8	35.8





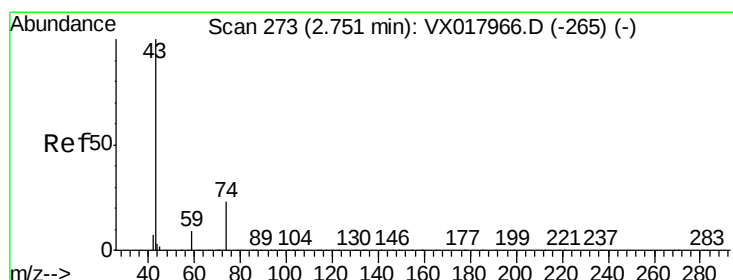
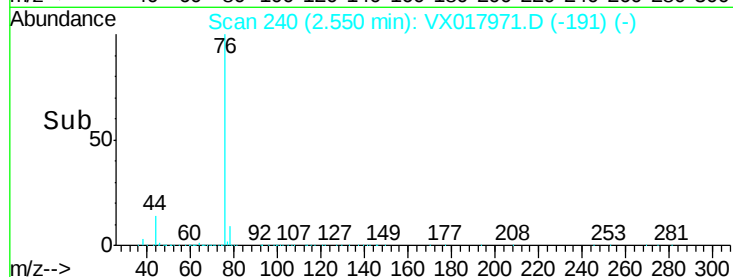
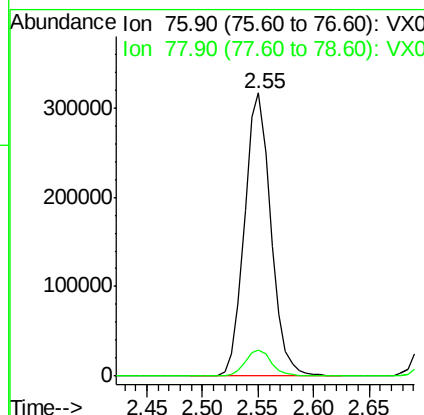
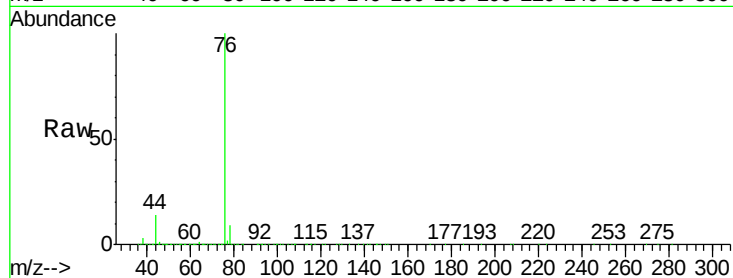
#17
Carbon Disulfide
Concen: 46.618 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

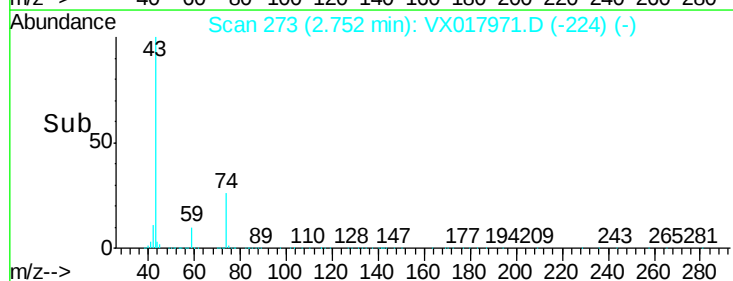
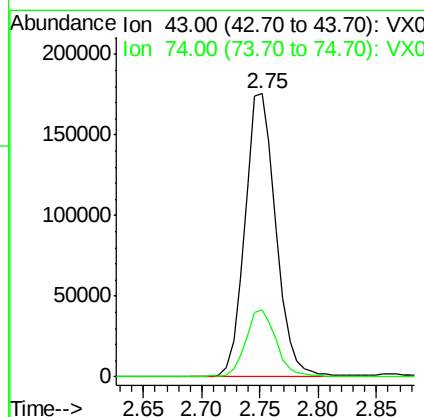
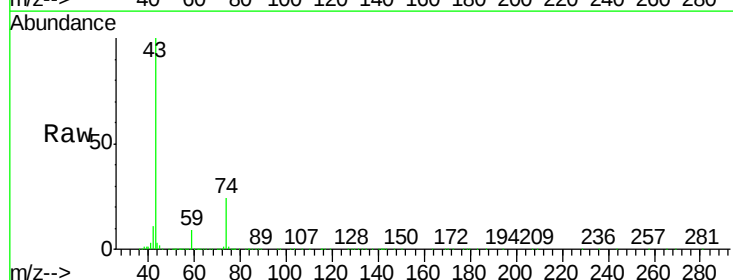
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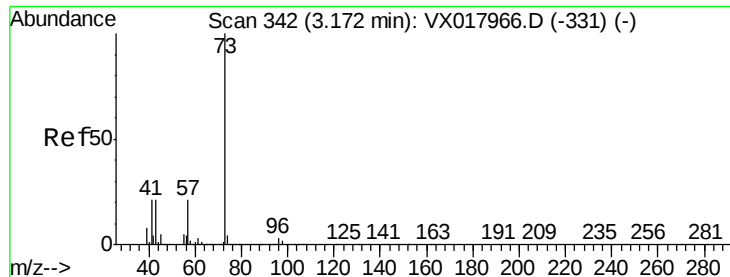
MMDadoda
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#18
Methyl Acetate
Concen: 43.935 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.7	29.5





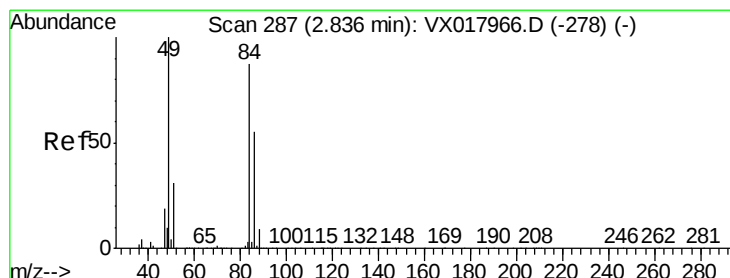
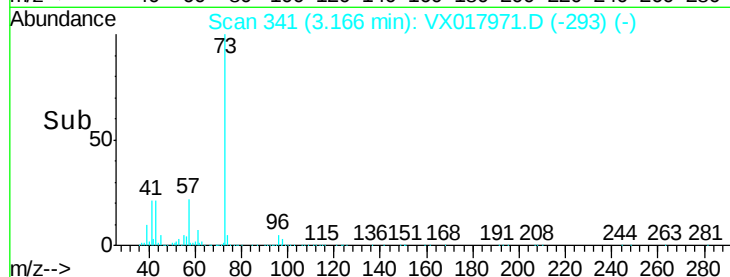
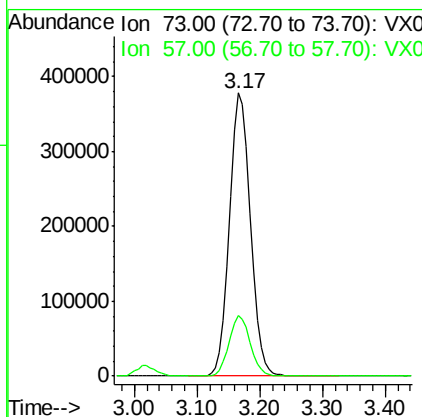
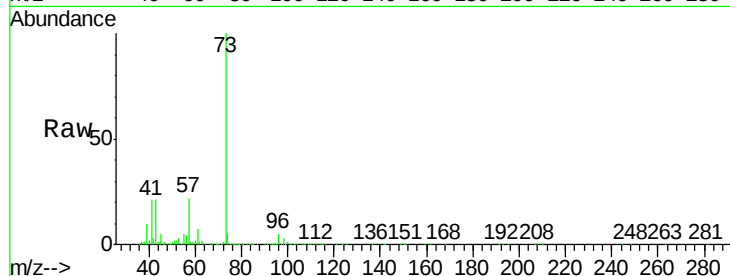
#19
Methvl tert-butvl Ether
Concen: 49.924 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.9	25.3

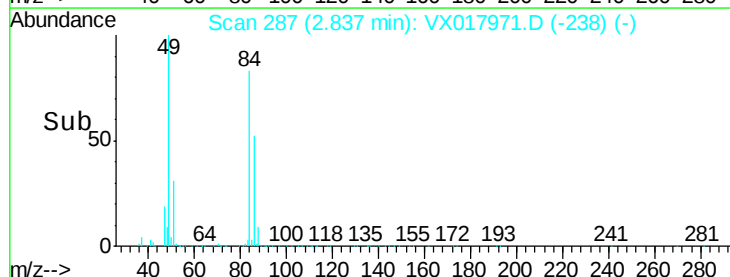
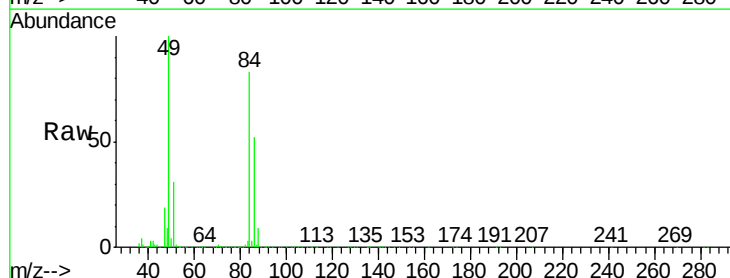
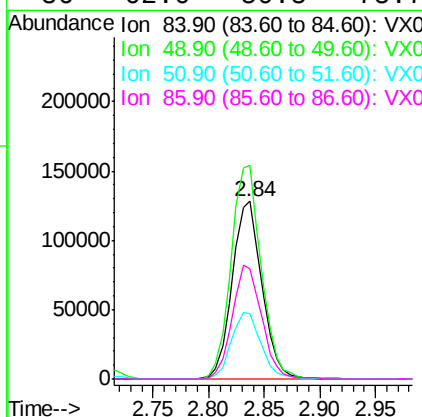
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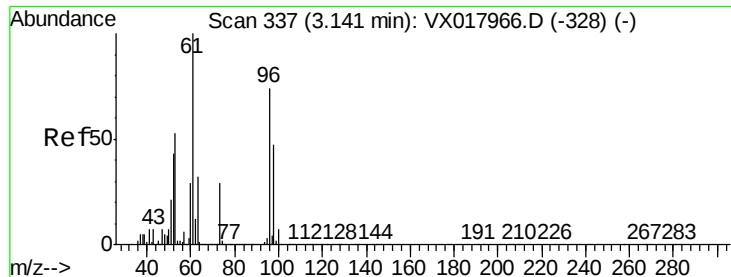
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#20
Methylene Chloride
Concen: 43.911 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	91.8	137.6
51	37.0	27.8	41.8
86	62.0	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 49.332 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

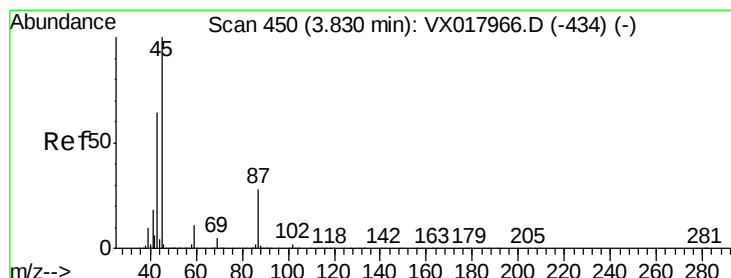
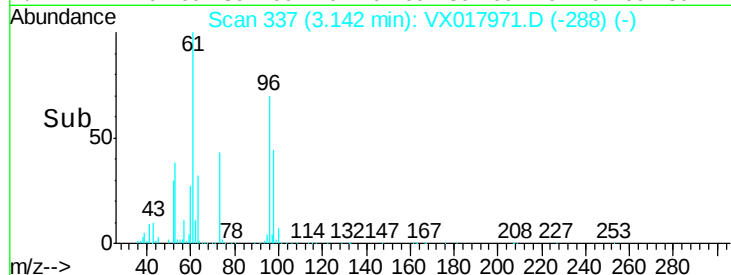
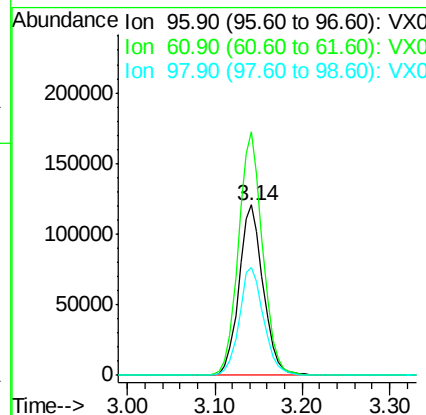
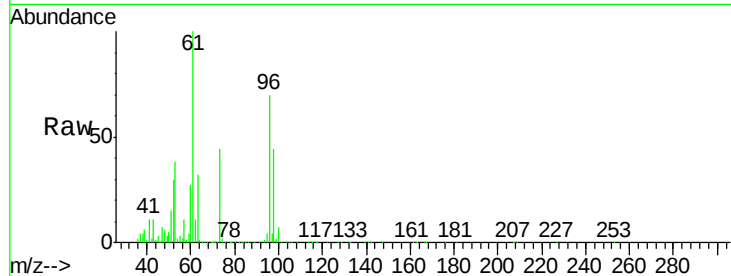
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	233089
Ion	Ratio	Lower	Upper
96	100		
61	142.6	108.6	163.0
98	63.0	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.987 ug/l

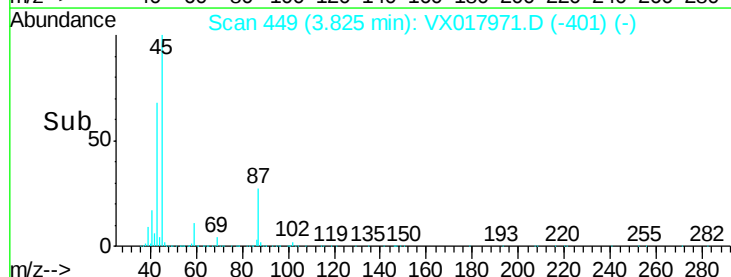
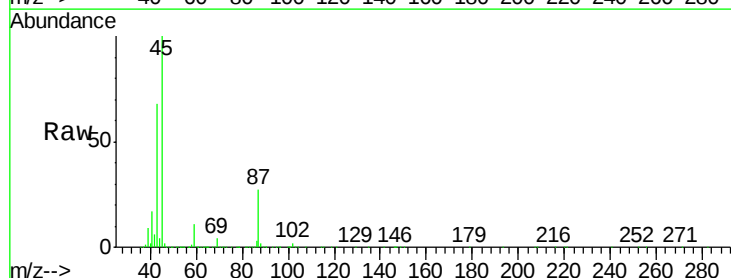
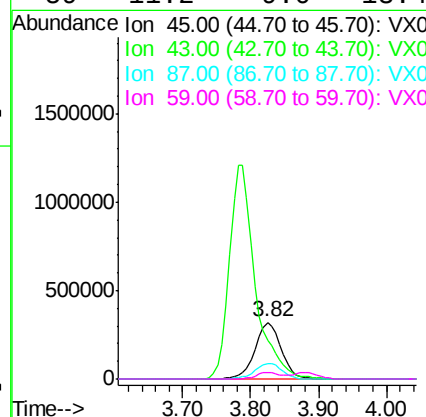
RT: 3.82 min Scan# 449

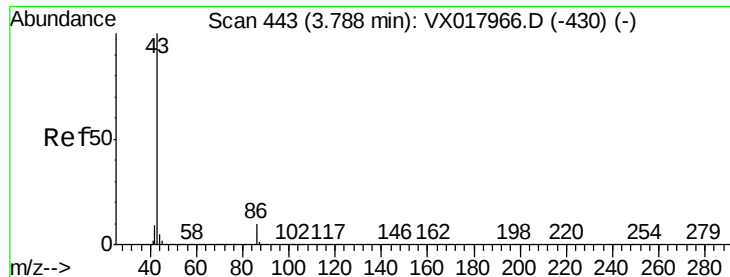
Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion:	45	Resp:	858942
Ion	Ratio	Lower	Upper
45	100		
43	67.5	51.5	77.3
87	27.4	22.6	33.8
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 242.842 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3188872

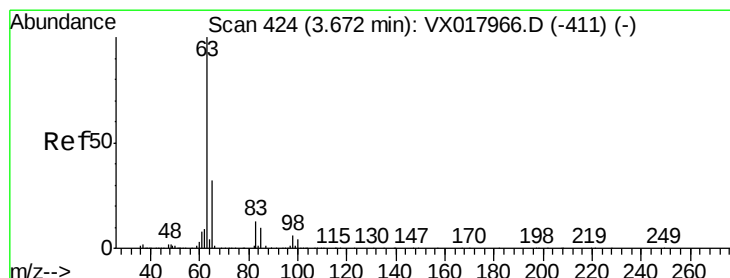
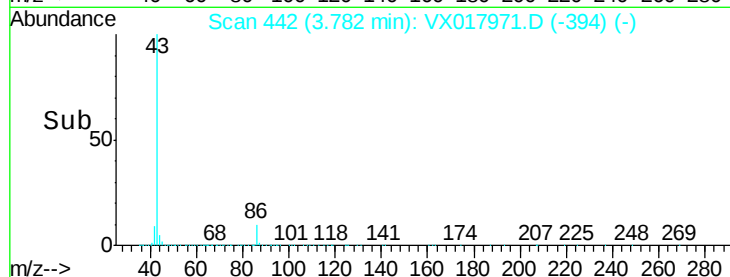
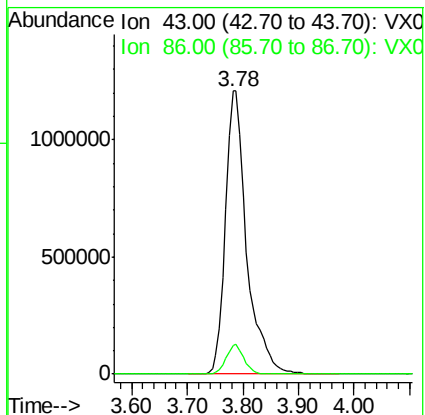
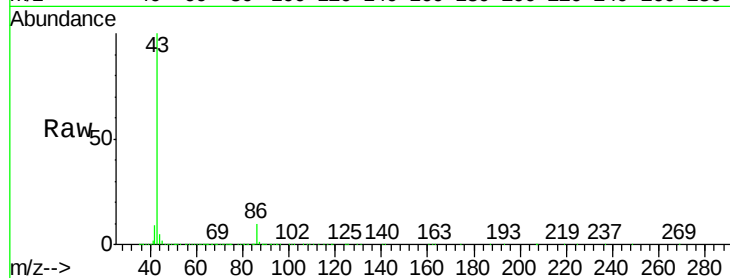
Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 47.714 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

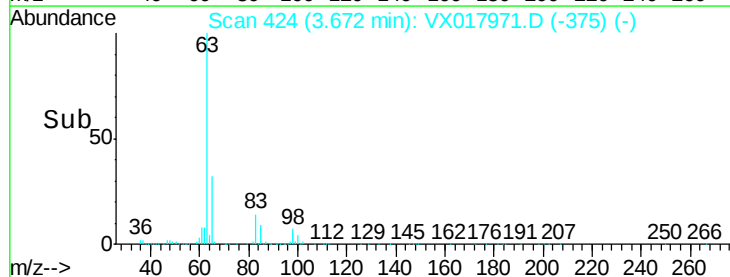
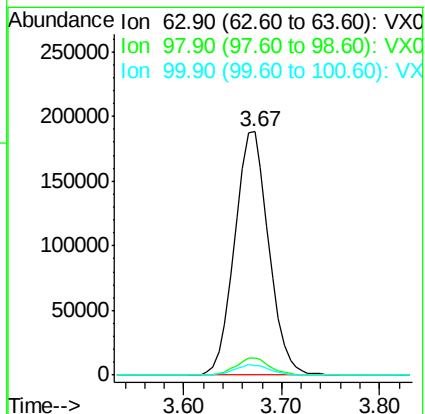
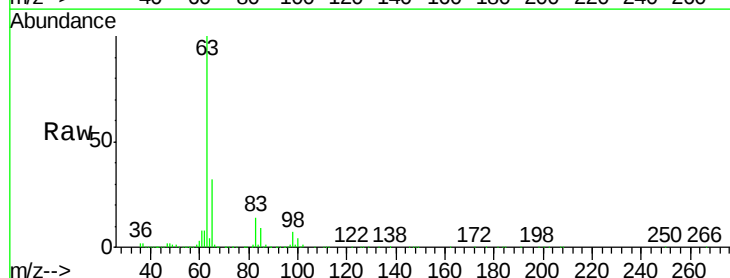
Tgt Ion: 63 Resp: 454508

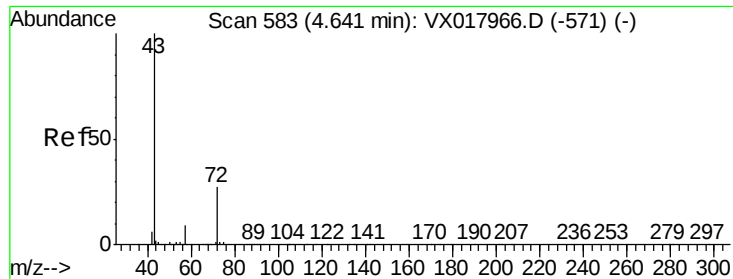
Ion Ratio Lower Upper

63 100

98 7.1 3.0 9.0

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 225.290 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tot Ion: 43 Resp: 1002980

Ion Ratio Lower Upper

43 100

72 25.3 21.4 32.2

Instrument :

MSVOA_X

ClientSampleId :

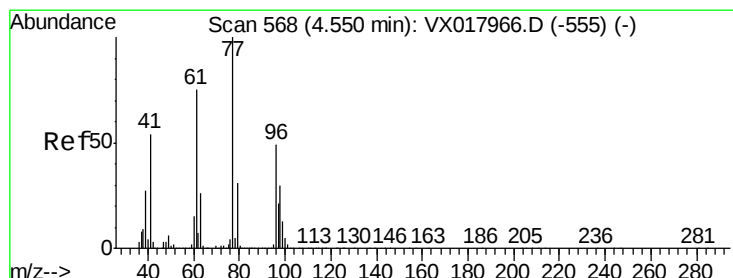
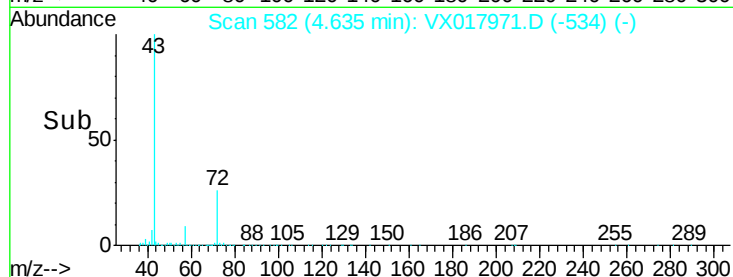
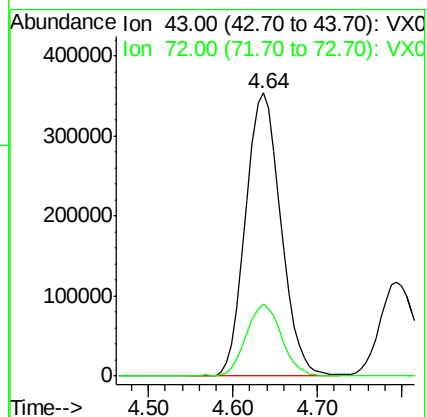
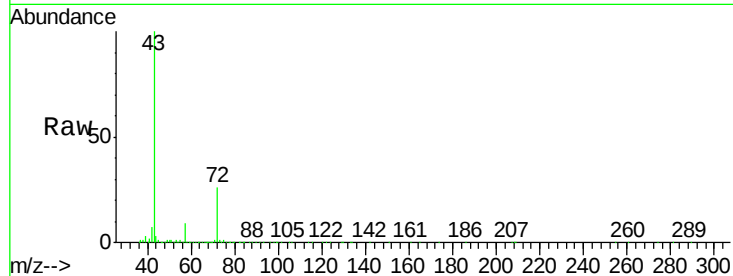
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 51.266 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017971.D

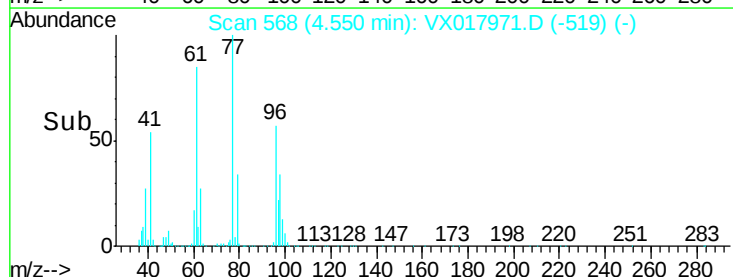
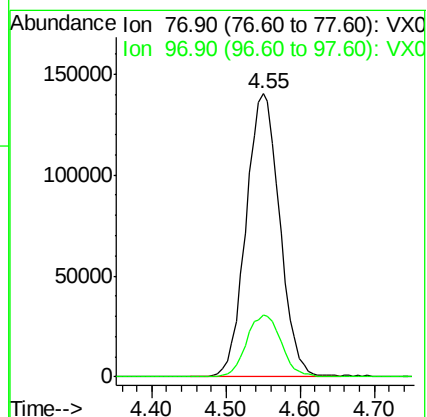
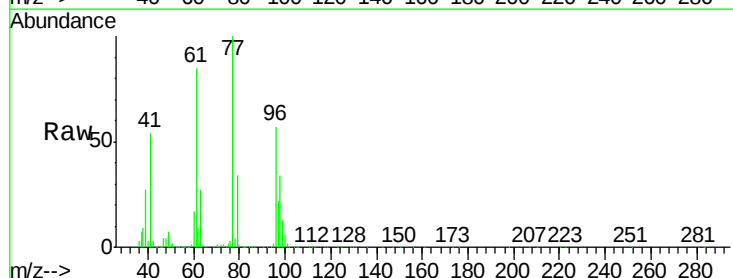
Acq: 19 Aug 2020 09:44

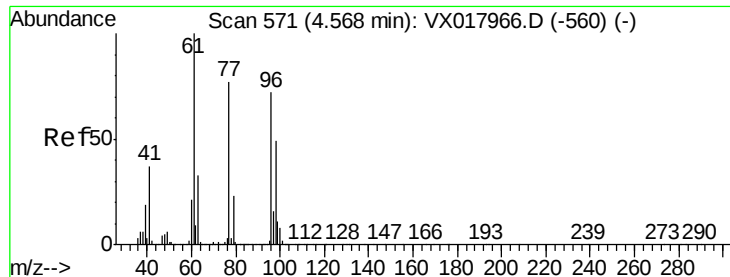
Tgt Ion: 77 Resp: 444693

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

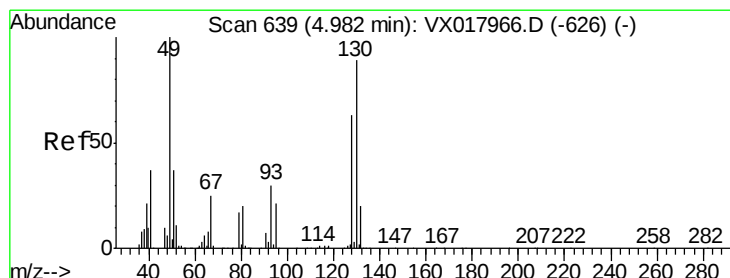
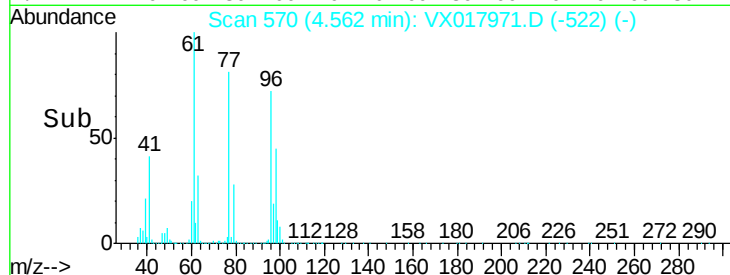
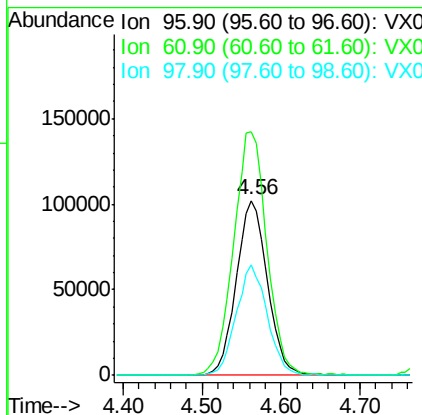
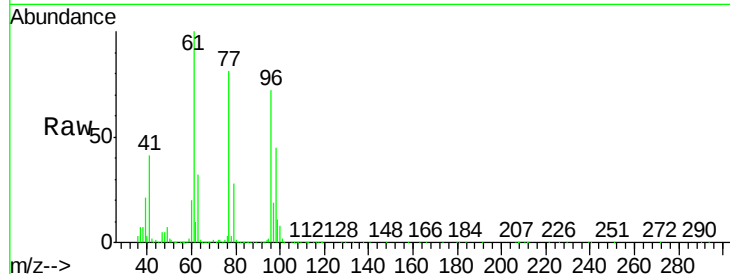
cis-1,2-Dichloroethene
Concen: 50.315 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	280440		
61	148.2	0.0	298.8	
98	62.8	0.0	130.2	

Manual Integrations
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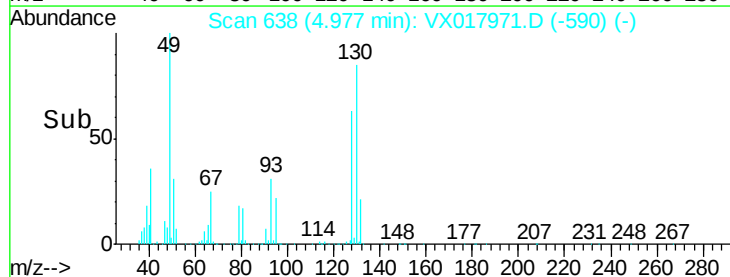
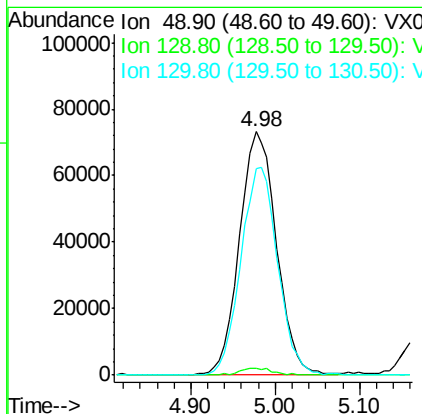
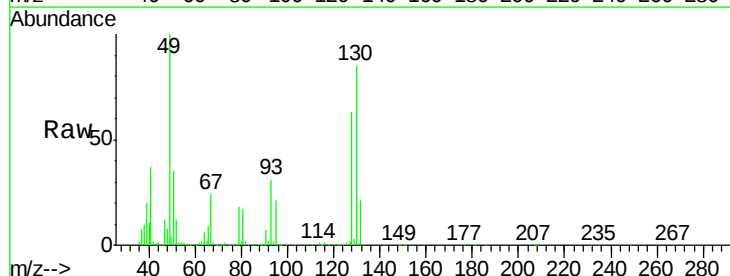
MMDadoda
8/20/2020 9:16:39 AM

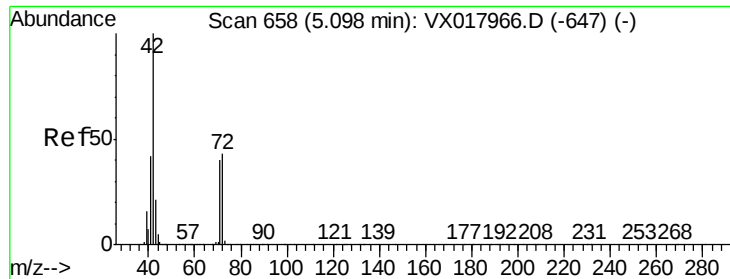


#28

Bromochloromethane
Concen: 44.309 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	218120		
129	2.4	0.0	3.6	
130	84.9	68.5	102.7	





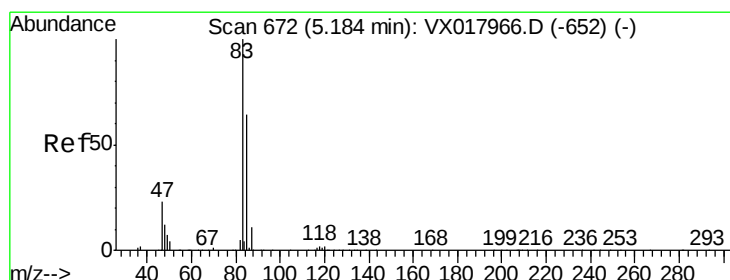
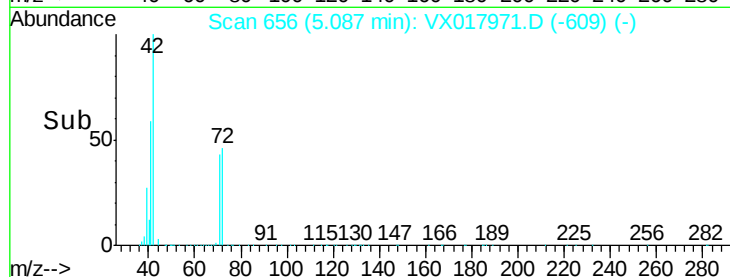
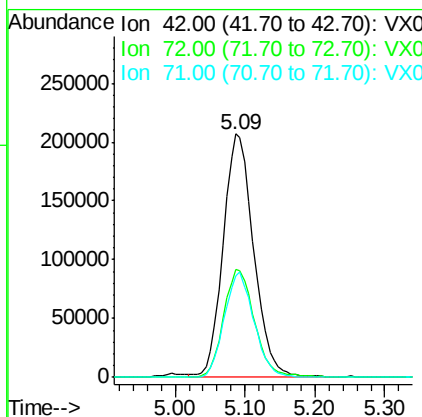
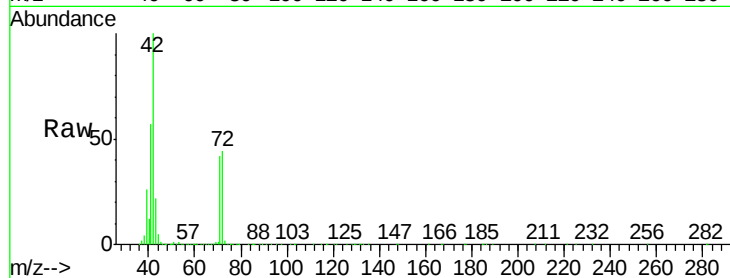
#29
Tetrahydrofuran
Concen: 225.810 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.9	53.9
71	42.4	33.0	49.4

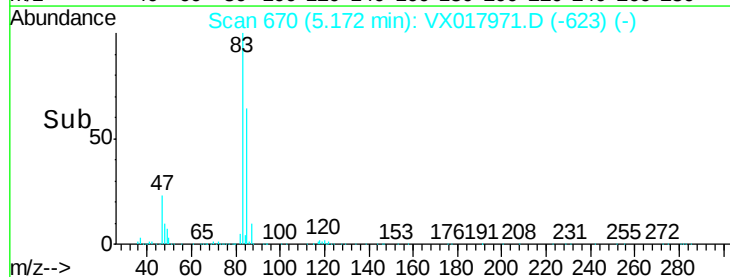
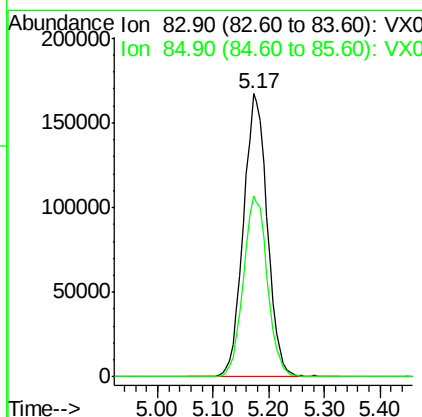
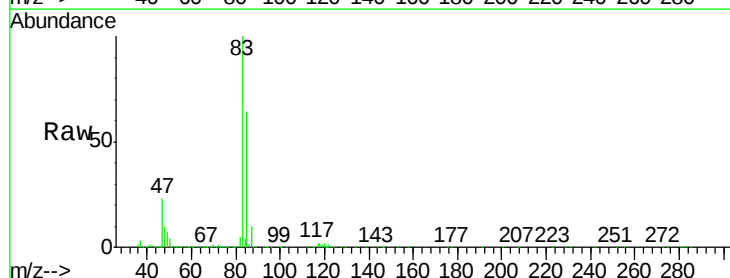
Manual Integrations
APPROVED

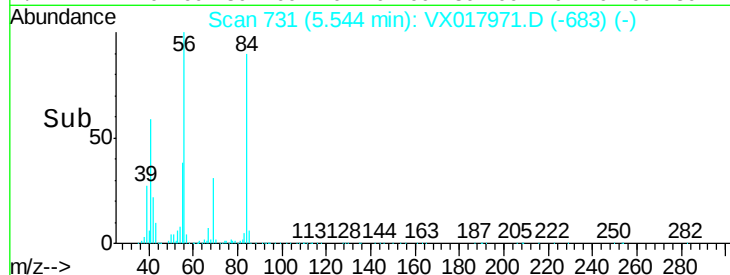
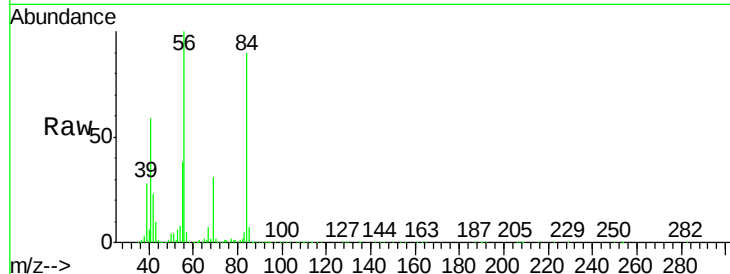
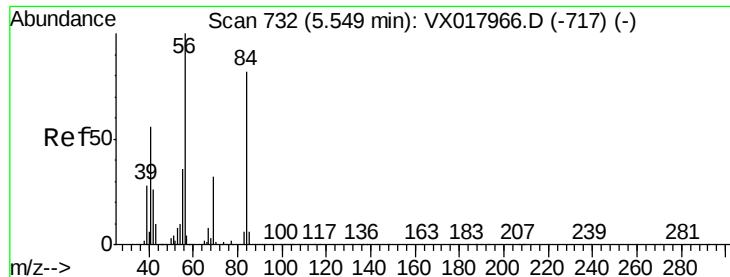
MMDadoda
8/20/2020 9:16:39 AM



#30
Chloroform
Concen: 47.708 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.3	76.9





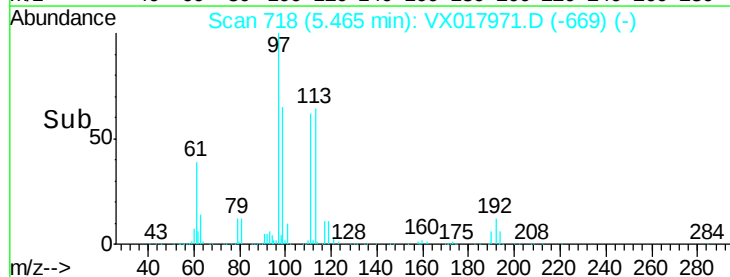
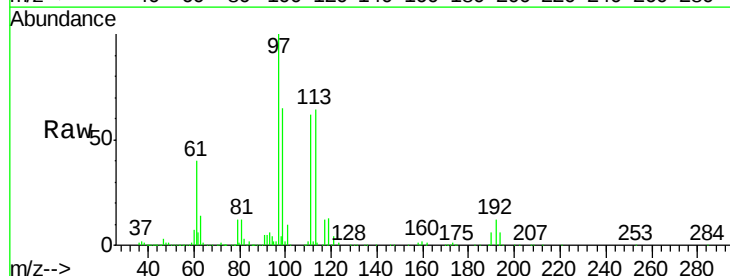
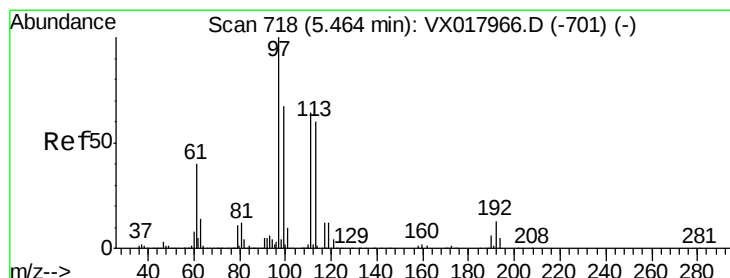
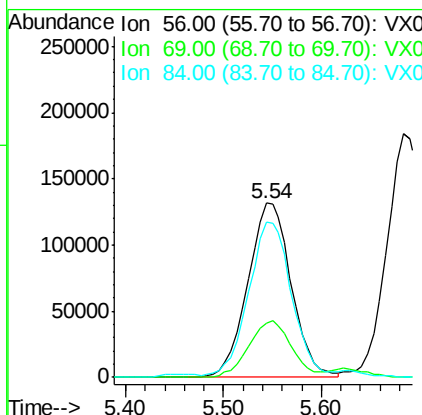
#31
Cyclohexane
Concen: 52.626 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.3	37.9
84	88.0	65.3	97.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

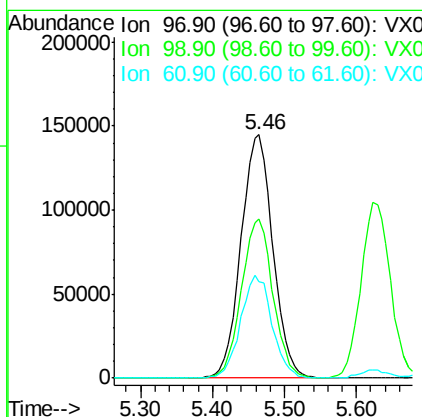
Manual Integrations
APPROVED

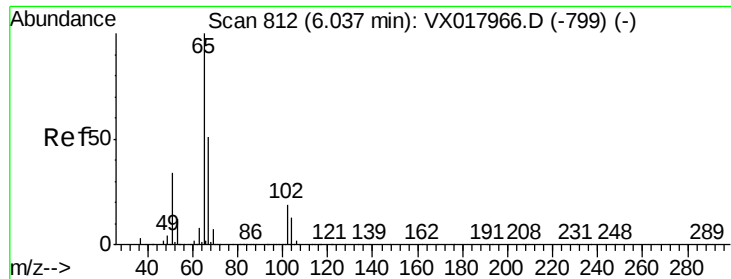
MMDadoda
8/20/2020 9:16:39 AM



#32
1,1,1-Trichloroethane
Concen: 47.098 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	41.7	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 44.595 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tot Ion: 65 Resp: 333339

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0

Instrument :

MSVOA_X

ClientSampleId :

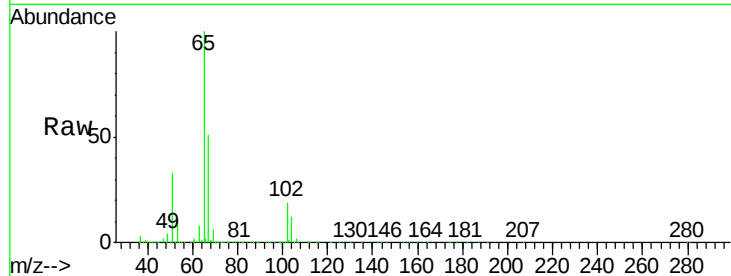
VSTDCCC050

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

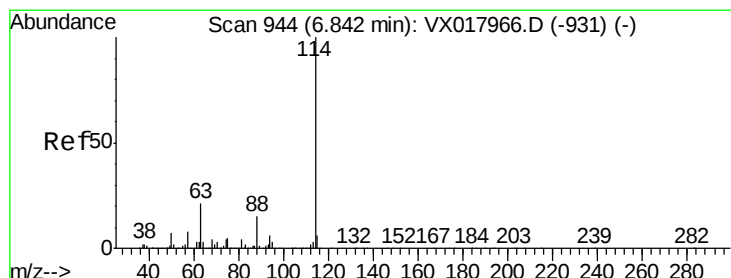
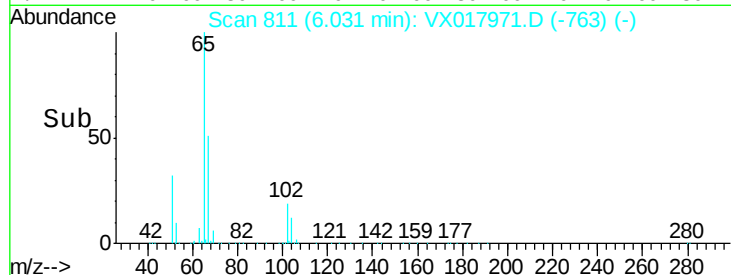
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

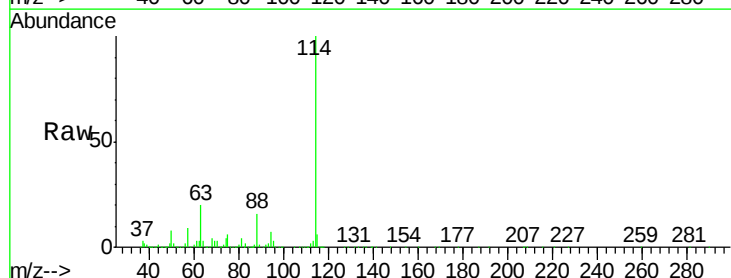
Tgt Ion: 114 Resp: 730457

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

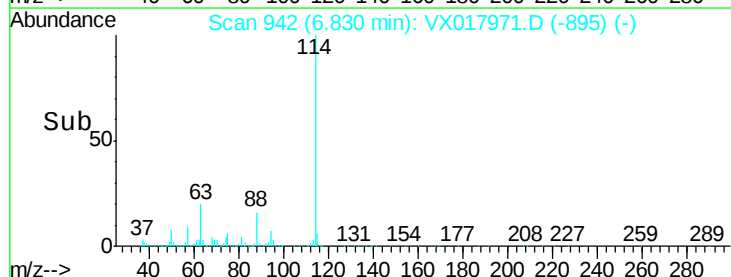
300000

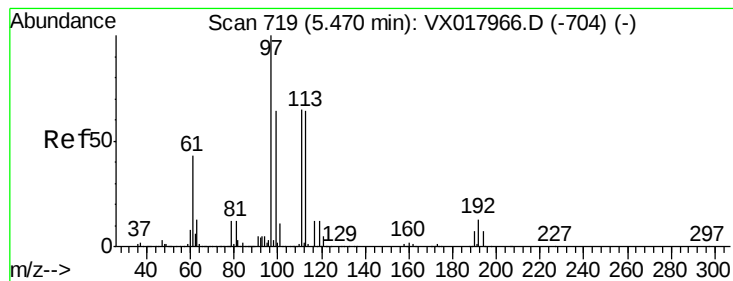
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.443 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

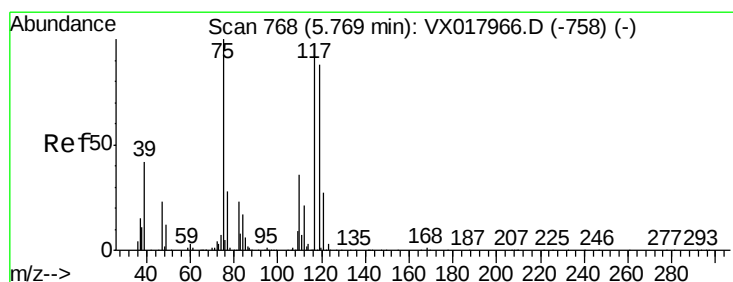
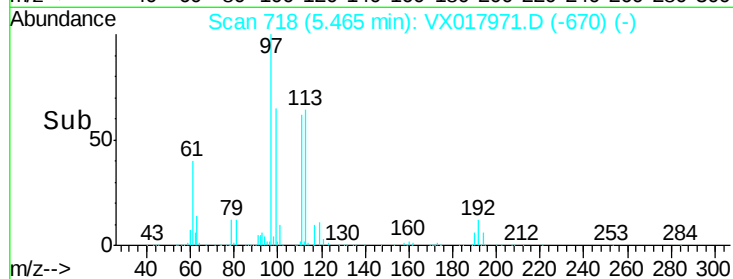
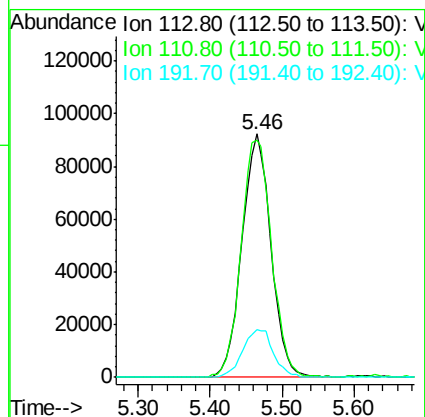
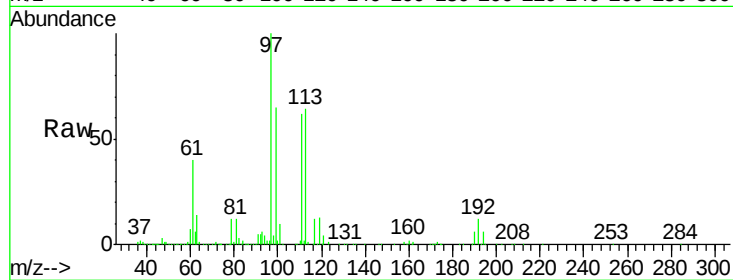
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	258073
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.5	125.3
192	20.8	16.2	24.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.765 ug/l

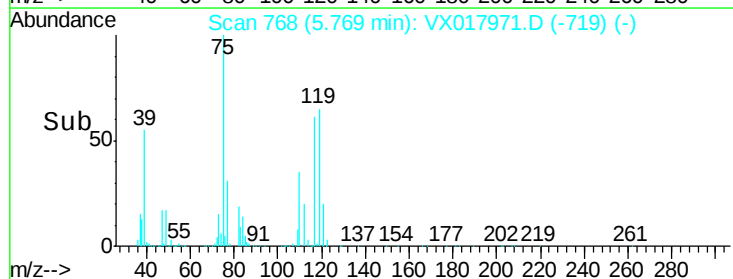
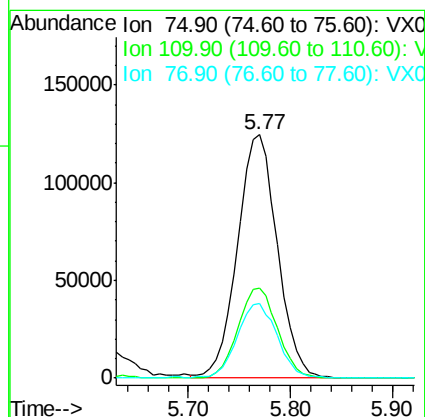
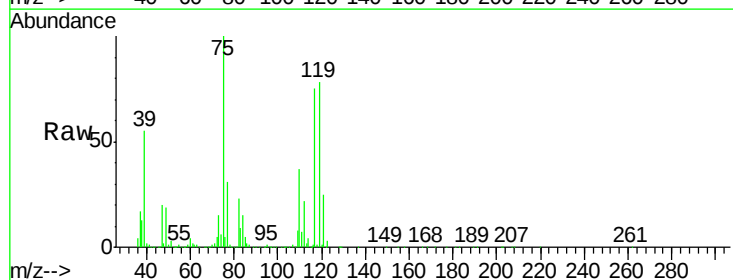
RT: 5.77 min Scan# 768

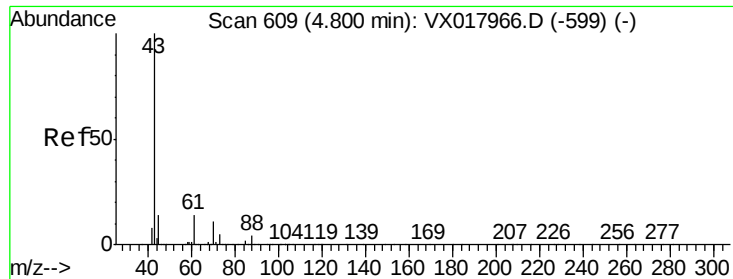
Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion:	75	Resp:	334835
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.7	56.1
77	31.0	24.4	36.6





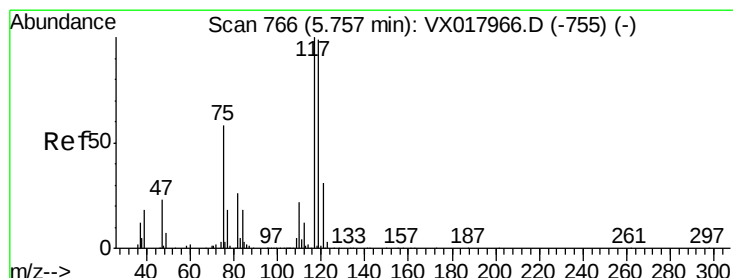
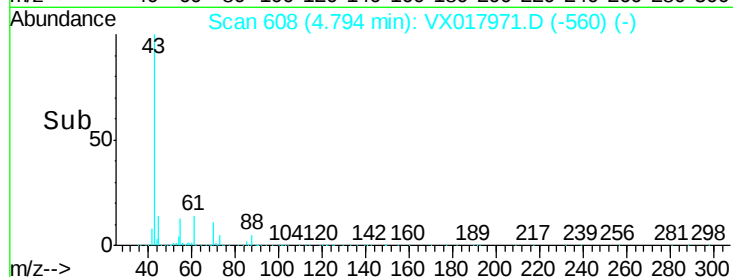
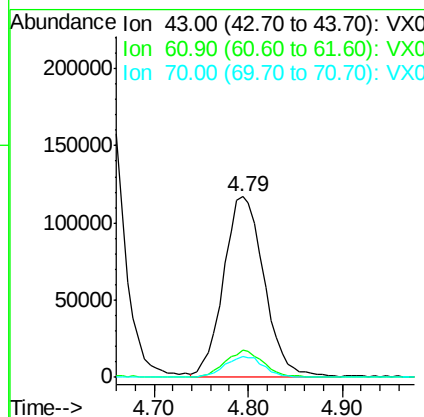
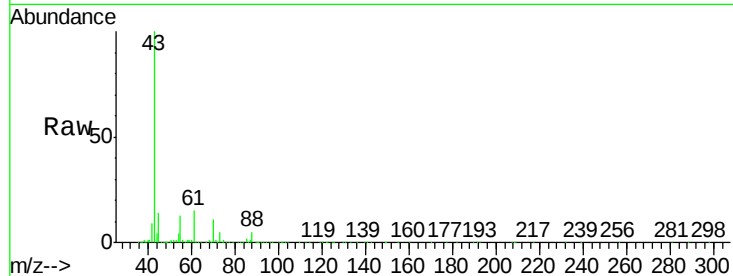
#37
Ethyl Acetate
Concen: 47.617 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	348332
Ion Ratio	100	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	11.2	8.5	12.7

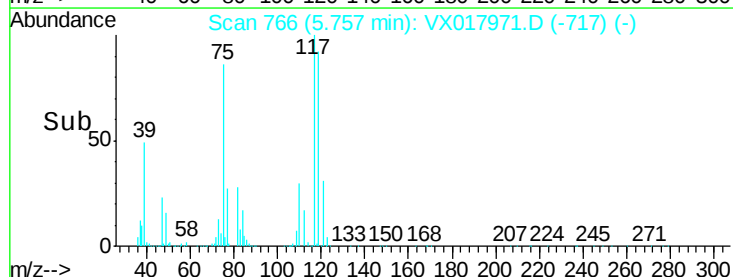
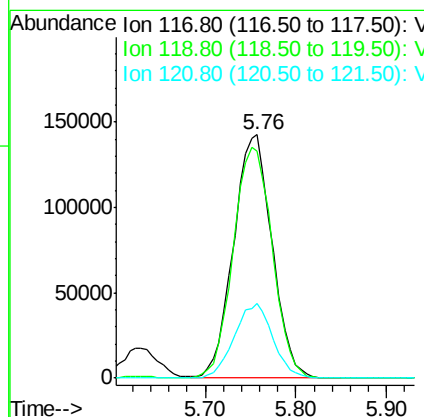
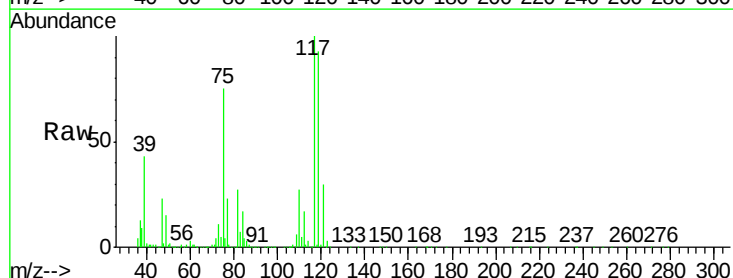
Manual Integrations
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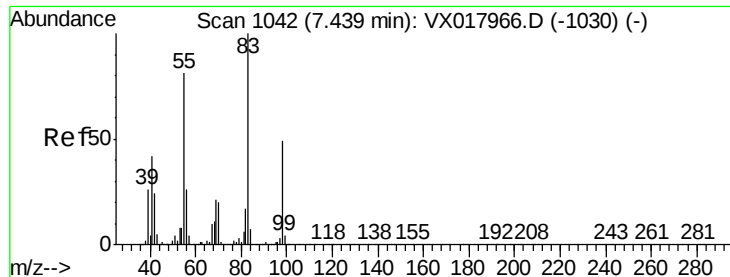
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.988 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	117	Resp	419279
Ion Ratio	100	Lower	Upper
117	100		
119	93.2	79.0	118.6
121	30.4	24.7	37.1





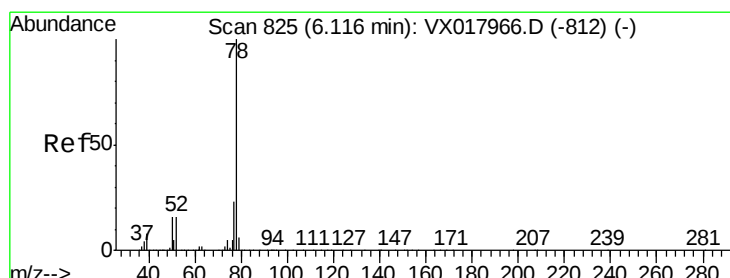
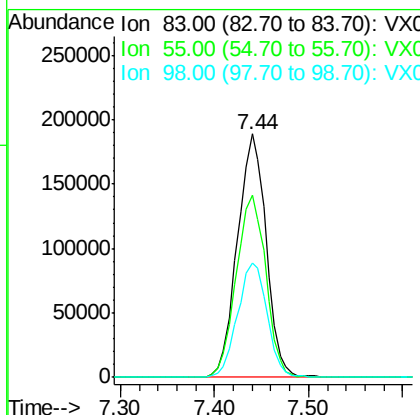
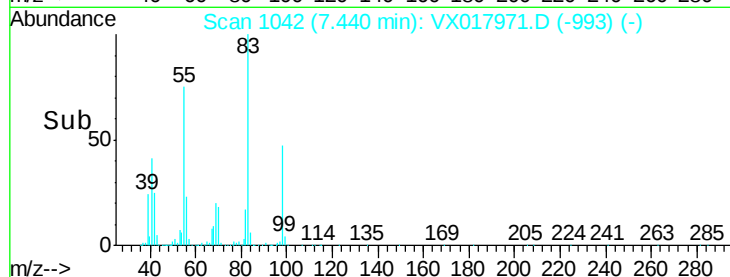
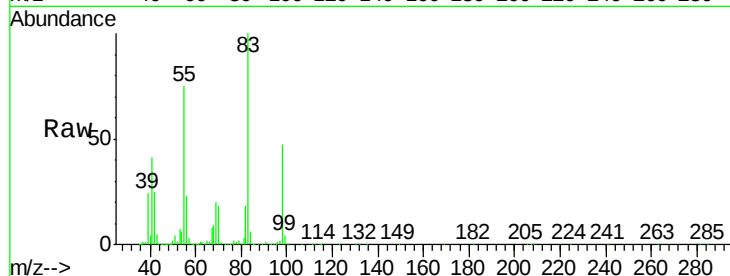
#39
Methvlcvclohexane
Concen: 51.523 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	64.5	96.7
98	47.0	39.0	58.6

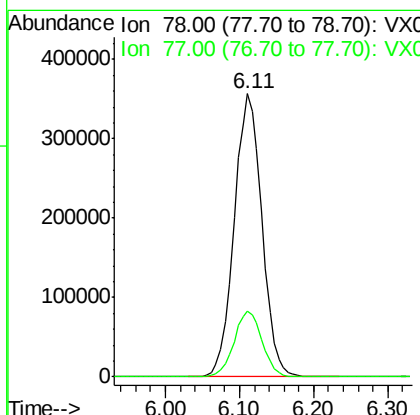
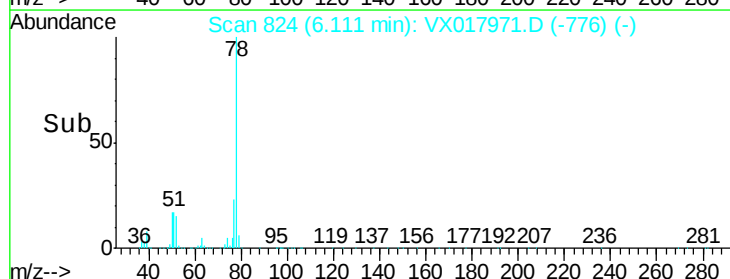
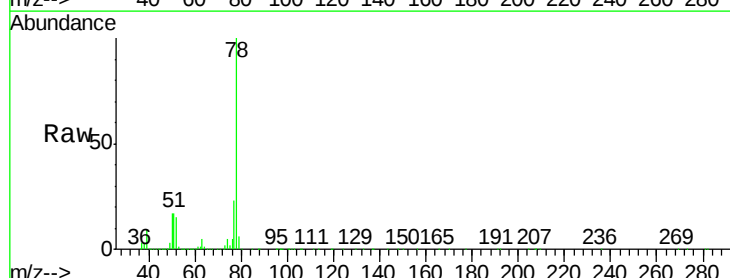
Manual Integrations
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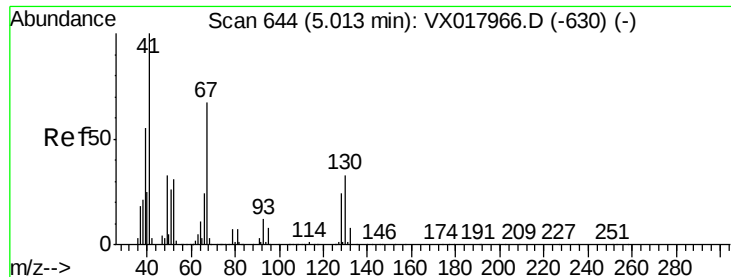
MMDadoda
8/20/2020 9:16:39 AM



#40
Benzene
Concen: 50.449 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41

Methacrylonitrile

Concen: 49.436 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

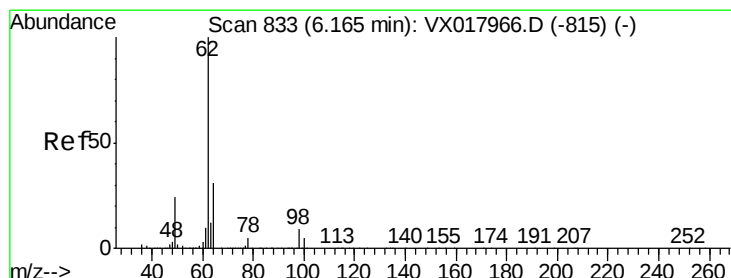
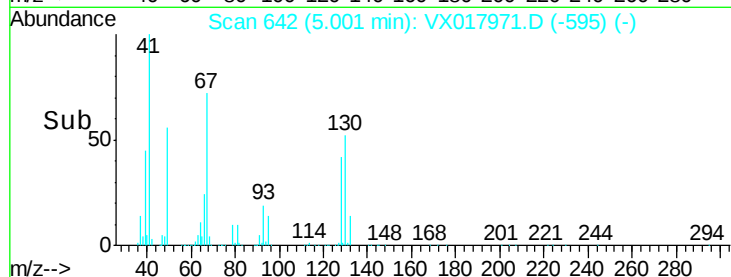
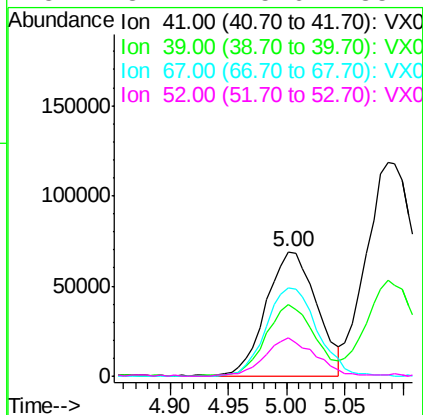
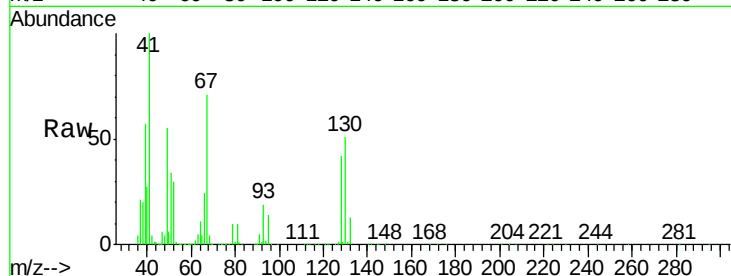
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	44.8	67.2	
67	71.7	57.5	86.3	
52	31.2	25.6	38.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.529 ug/l

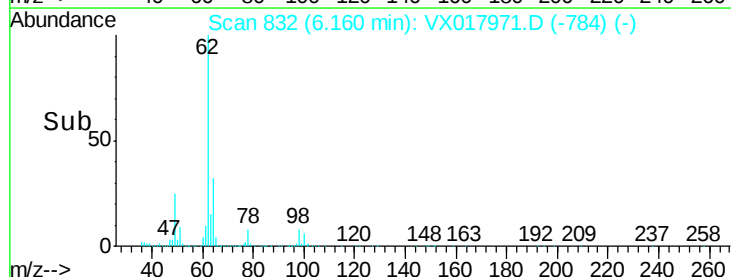
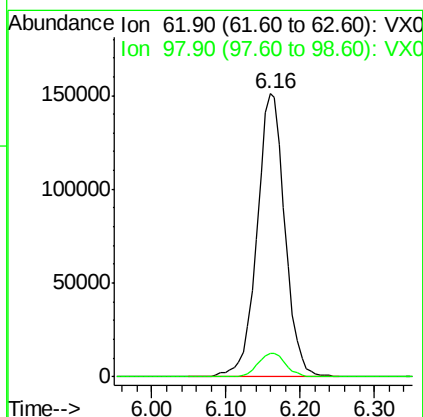
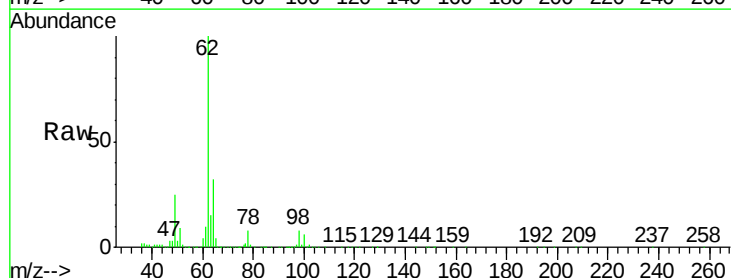
RT: 6.16 min Scan# 832

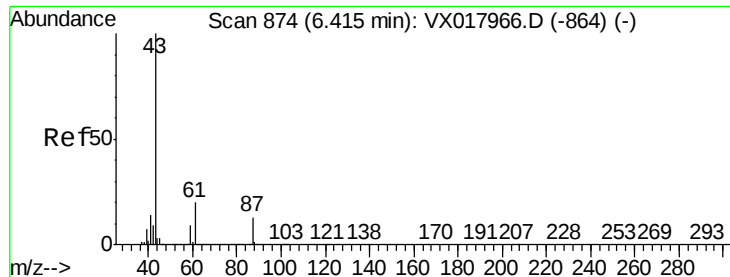
Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

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





#43

Isopropyl Acetate

Concen: 49.322 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

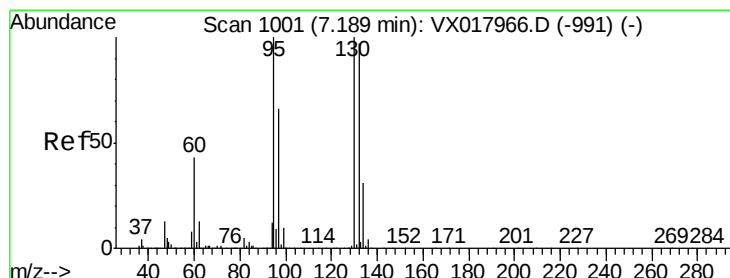
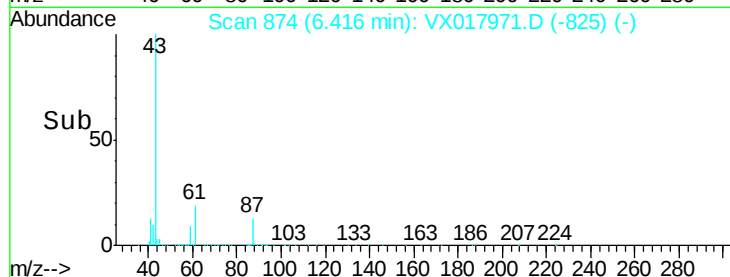
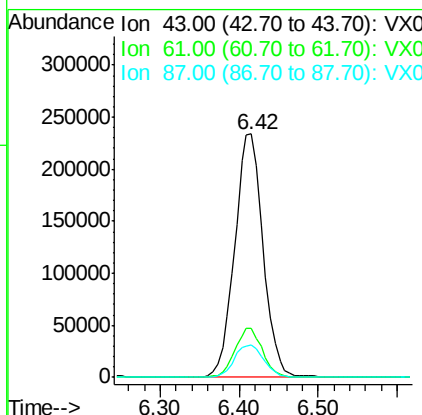
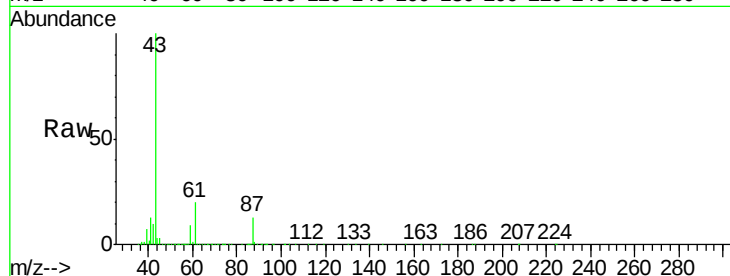
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	582439
Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.4
87	13.9	10.8	16.2

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#44

Trichloroethene

Concen: 50.734 ug/l

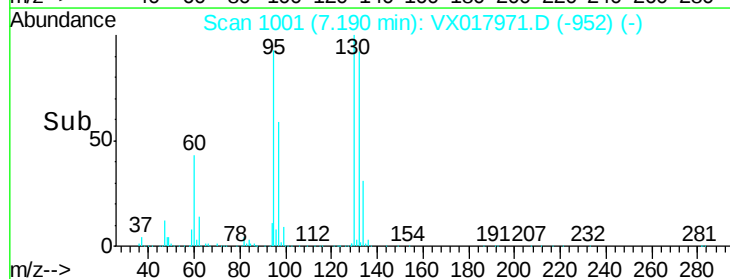
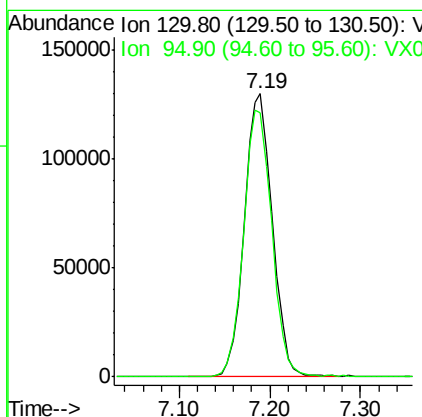
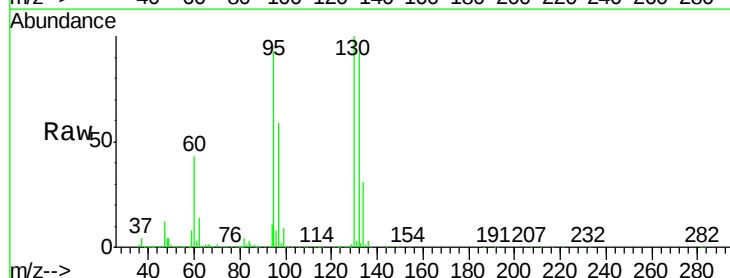
RT: 7.19 min Scan# 1001

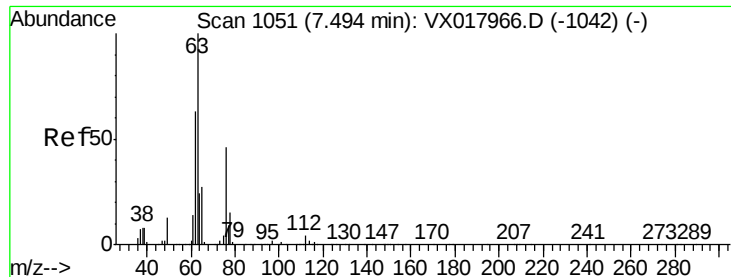
Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion:	130	Resp:	277054
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 47.166 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 248855

Ion Ratio Lower Upper

63 100

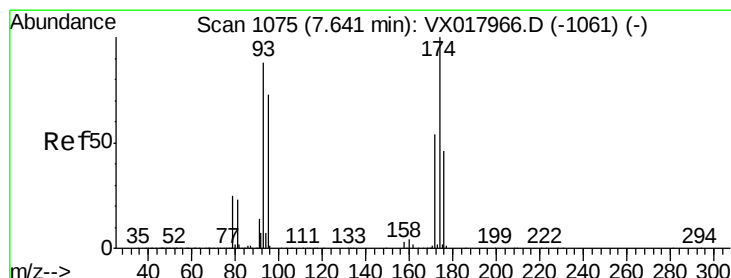
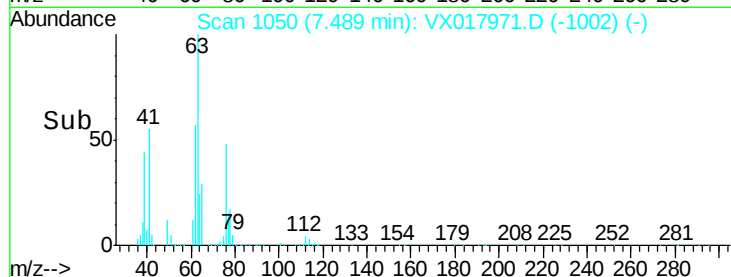
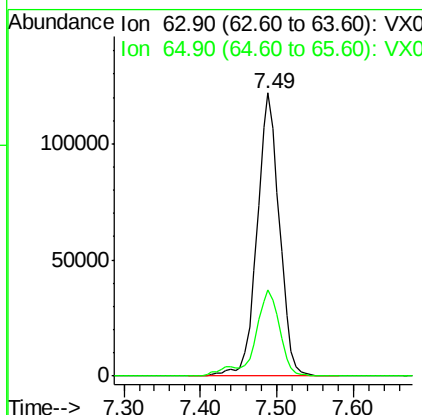
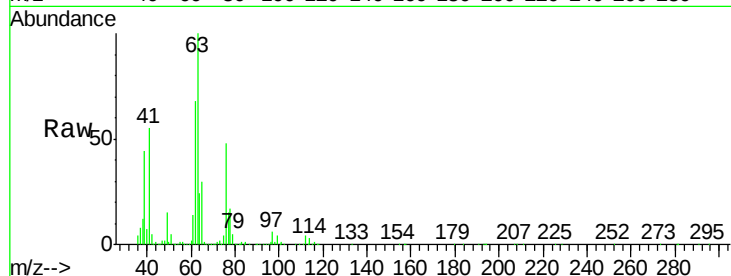
65 30.3 23.8 35.8

Manual Integrations

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#46

Dibromomethane

Concen: 50.587 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

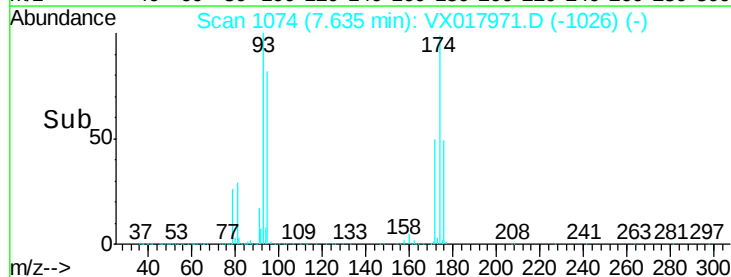
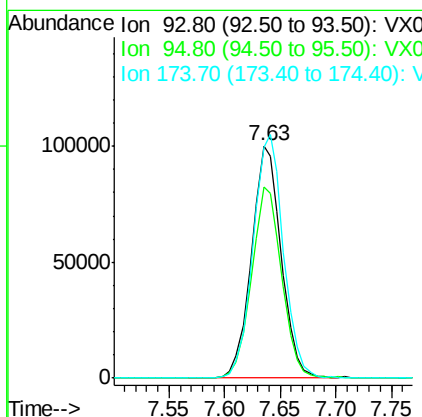
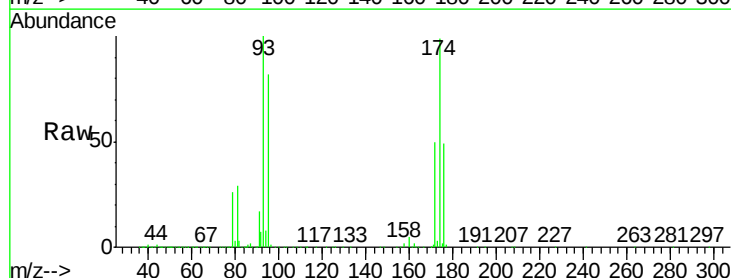
Tgt Ion: 93 Resp: 186276

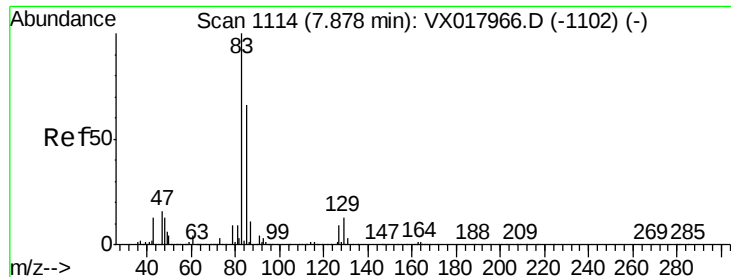
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 107.2 88.3 132.5





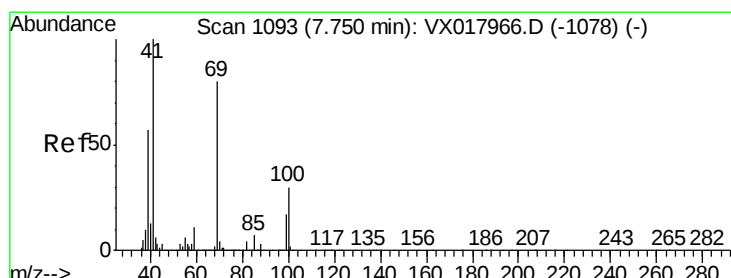
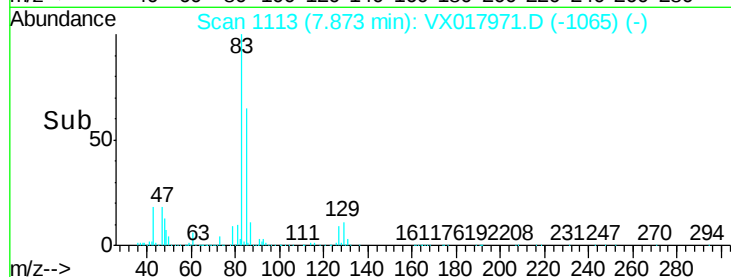
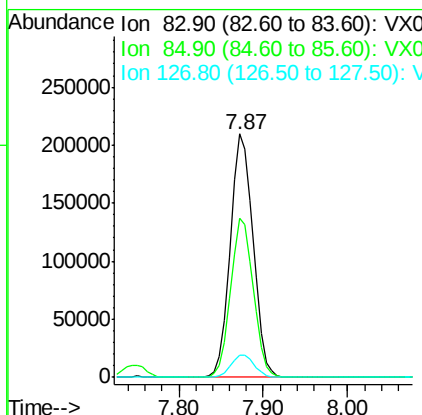
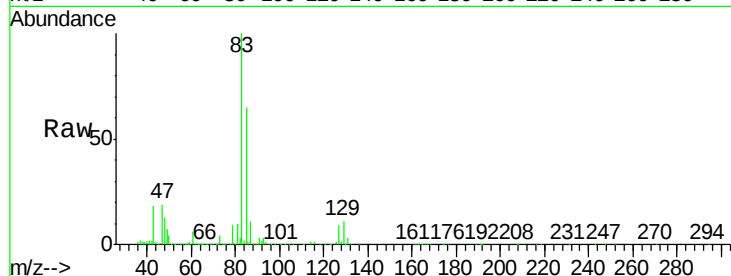
#47
Bromodichloromethane
Concen: 48.126 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	384721
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6
127	9.3	7.0	10.6

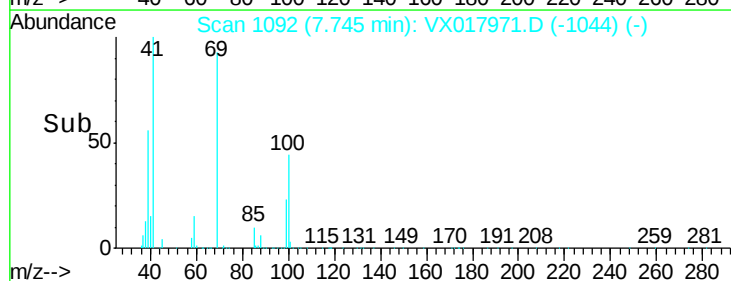
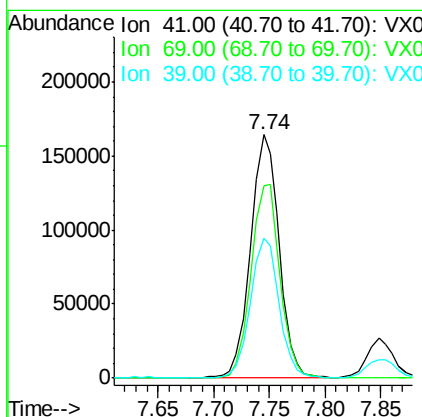
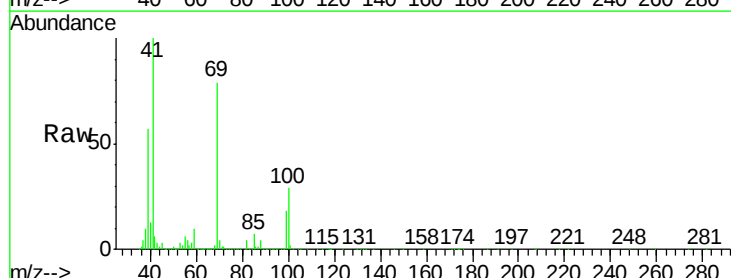
Manual Integrations
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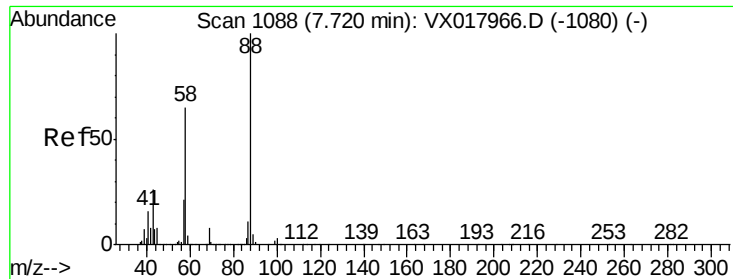
MMDadoda
8/20/2020 9:16:39 AM



#48
Methyl methacrylate
Concen: 50.136 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	41	Resp	293504
Ion	Ratio	Lower	Upper
41	100		
69	81.0	64.3	96.5
39	57.6	45.3	67.9





#49

1,4-Dioxane

Concen: 1065.938 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

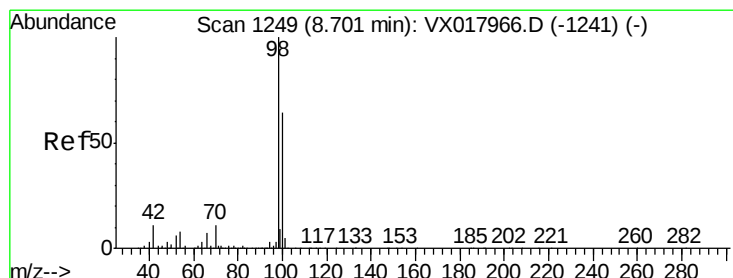
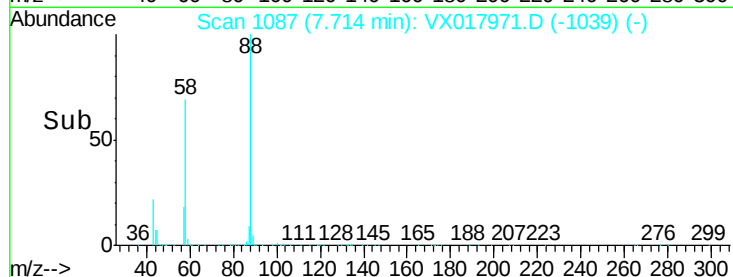
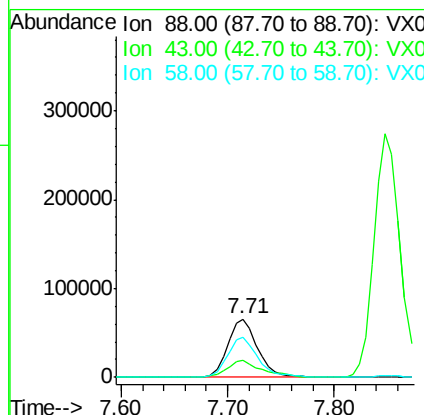
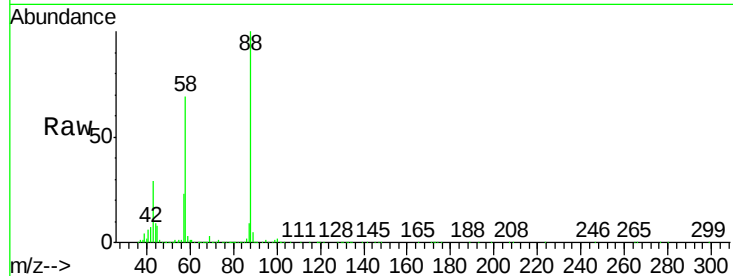
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	127753
Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.3	40.9
58	71.3	57.7	86.5

Manual Integrations
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#50

Toluene-d8

Concen: 50.753 ug/l

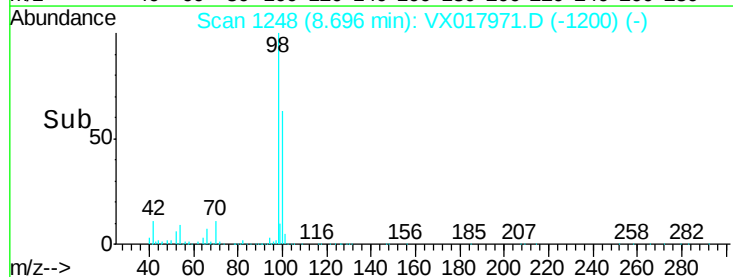
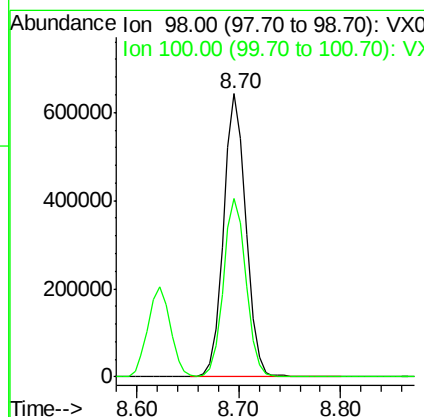
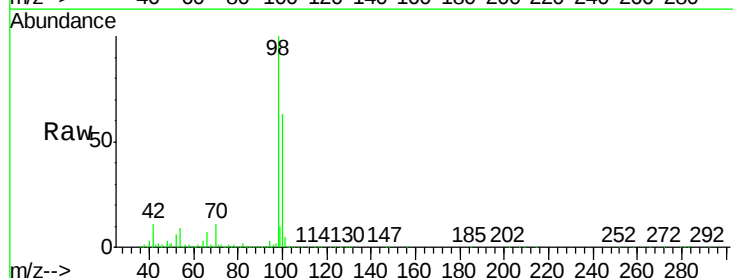
RT: 8.70 min Scan# 1248

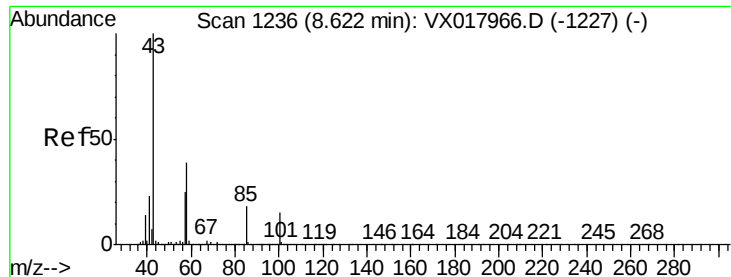
Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion:	98	Resp:	975869
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 253.670 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tot Ion: 43 Resp: 2016894

Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4

Instrument :

MSVOA_X

ClientSampleId :

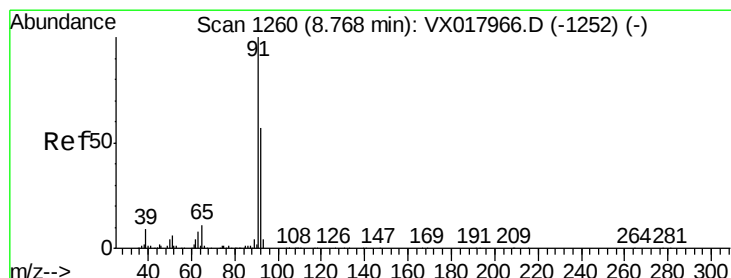
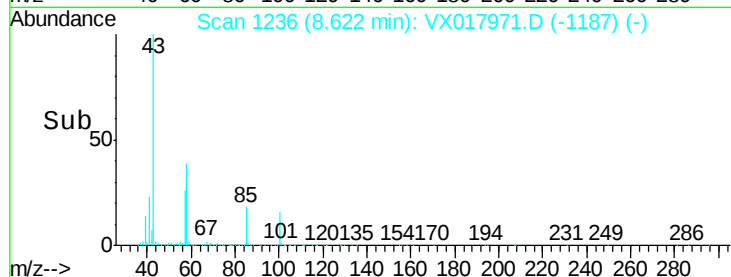
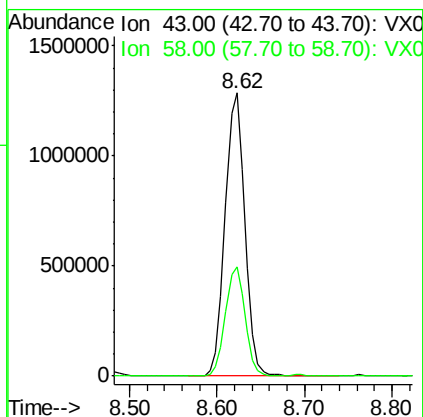
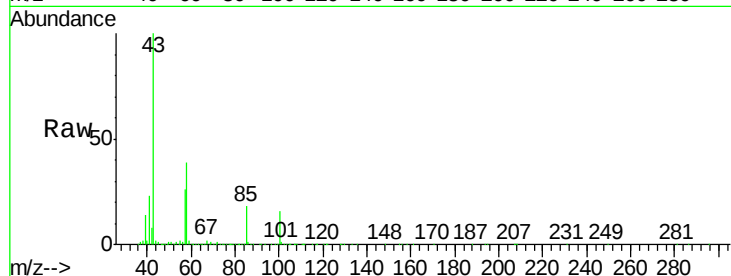
VSTDCCC050

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#52

Toluene

Concen: 53.415 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017971.D

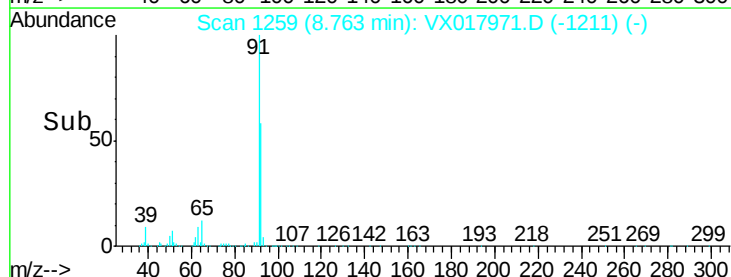
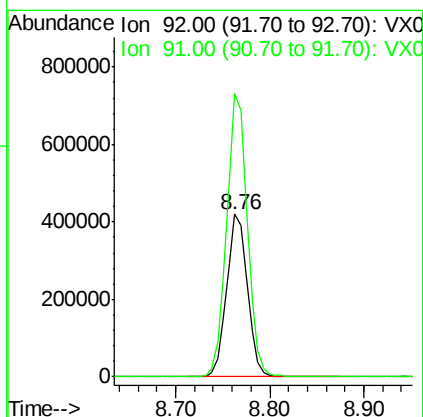
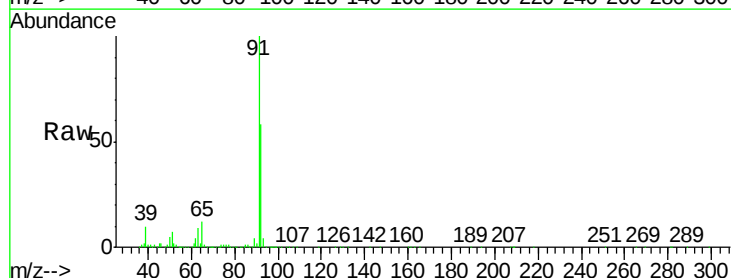
Acq: 19 Aug 2020 09:44

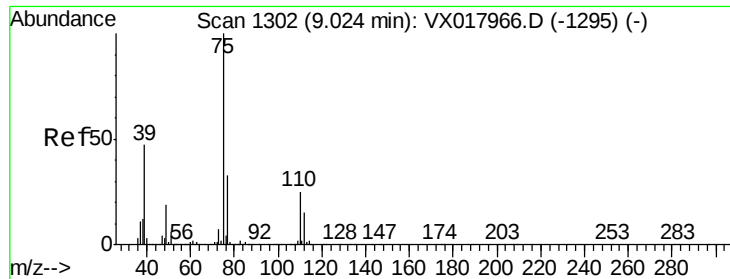
Tgt Ion: 92 Resp: 643529

Ion Ratio Lower Upper

92 100

91 173.6 138.4 207.6





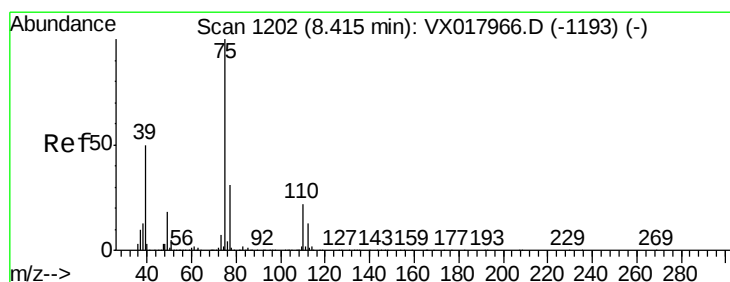
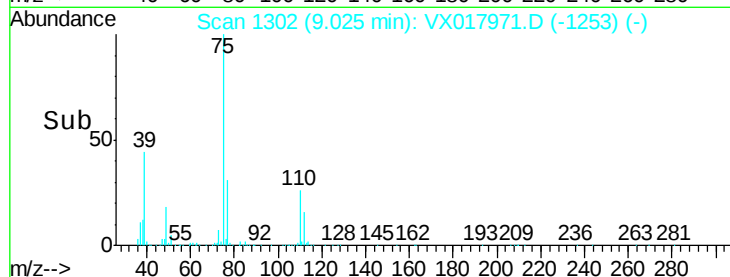
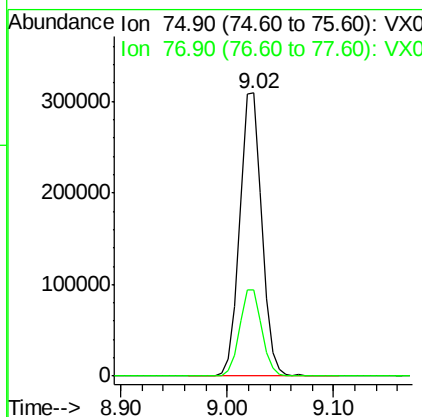
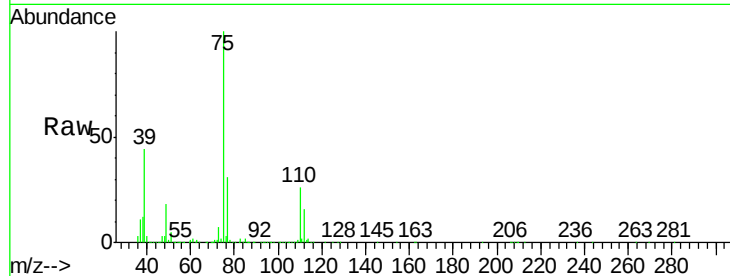
#53
t-1,3-Dichloropropene
Concen: 53.432 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.1	39.1

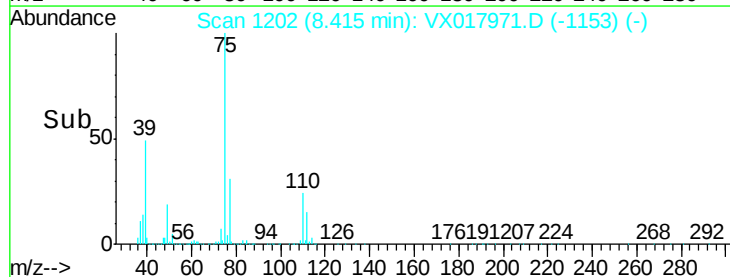
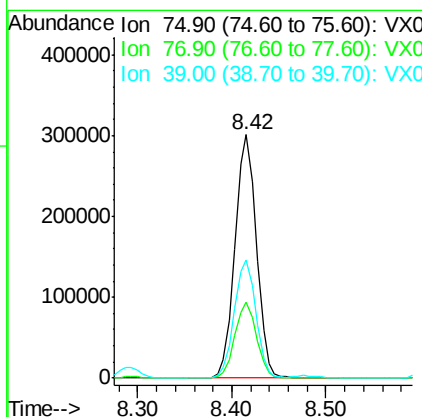
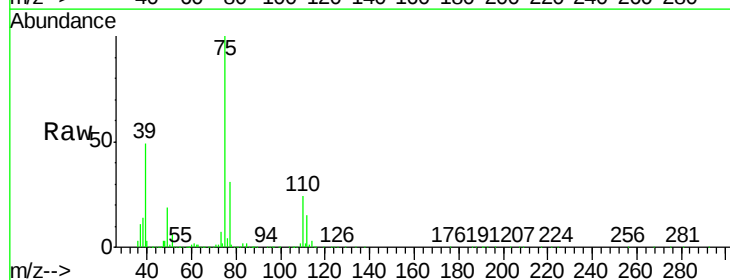
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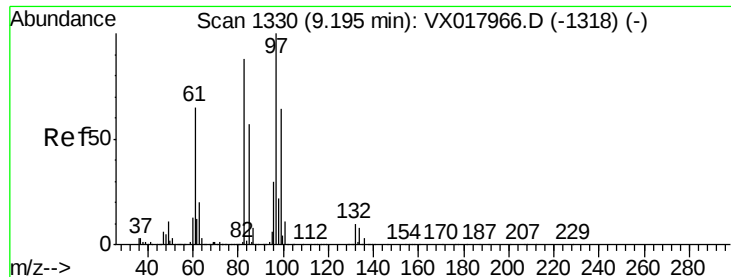
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.121 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	36.8
39	48.5	39.7	59.5





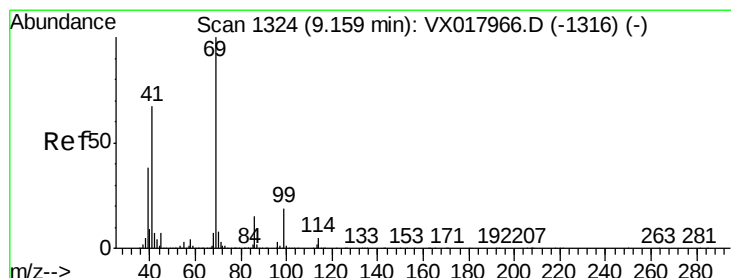
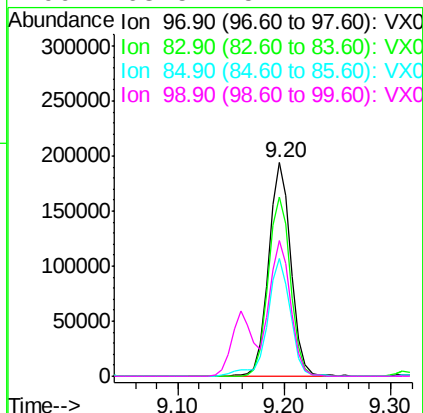
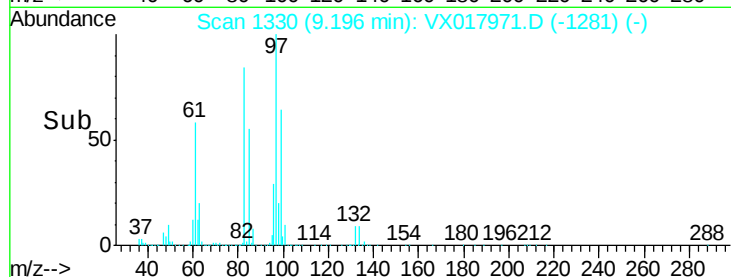
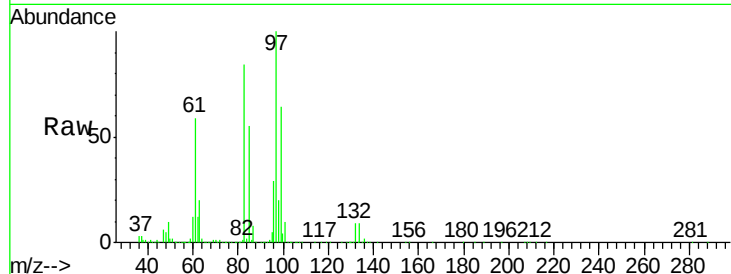
#55
 1,1,2-Trichloroethane
 Concen: 51.306 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		283967		
83	83.7	70.1	105.1		
85	55.3	45.8	68.8		
99	63.5	51.4	77.2		

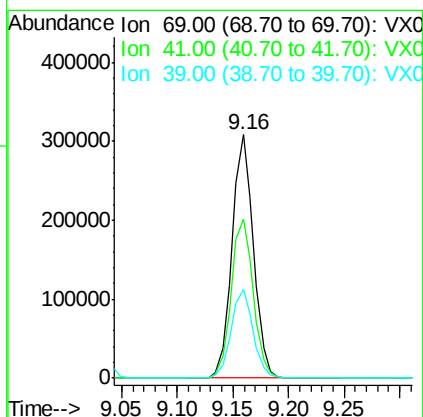
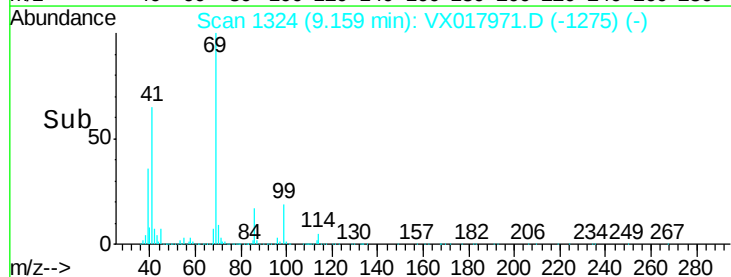
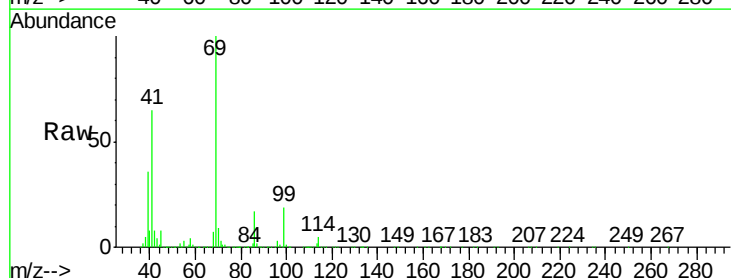
Manual Integrations
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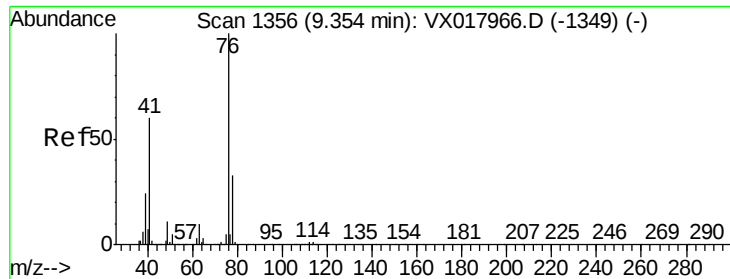
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#56
 Ethyl methacrylate
 Concen: 52.326 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		409476		
41	66.6	52.3	78.5		
39	37.2	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 50.777 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 446341

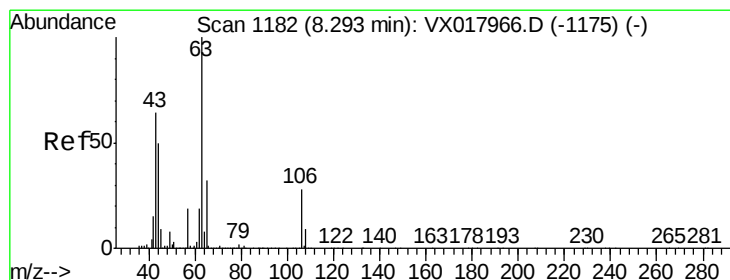
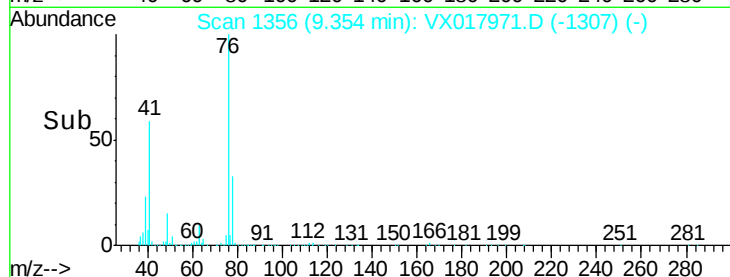
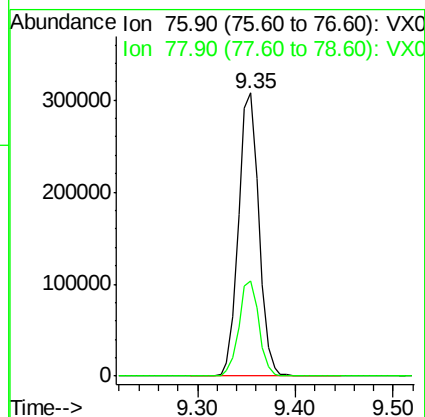
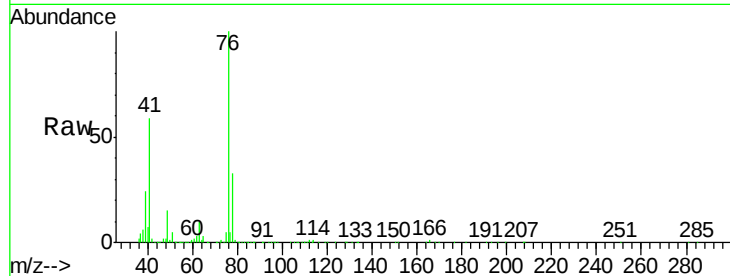
Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6

Manual Integrations
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8/20/2020 9:16:39 AM



#58

2-Chloroethyl Vinyl ether

Concen: 264.196 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017971.D

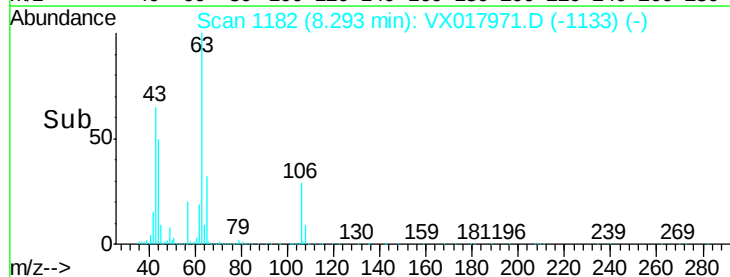
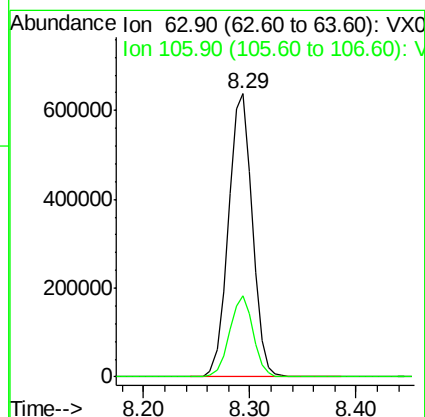
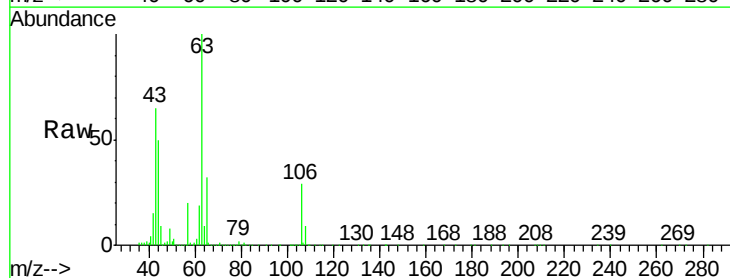
Acq: 19 Aug 2020 09:44

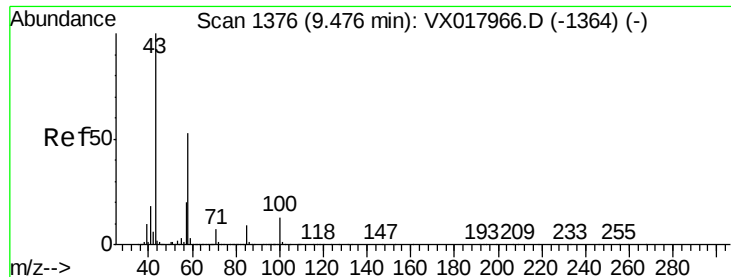
Tgt Ion: 63 Resp: 1001180

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.4





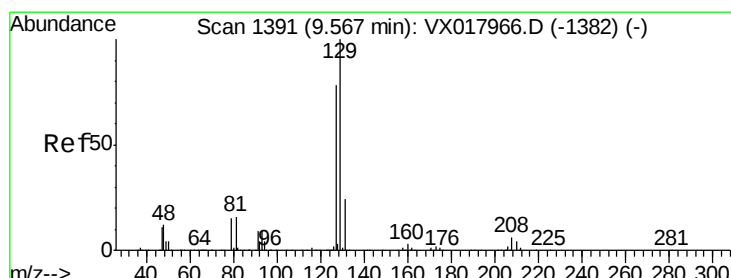
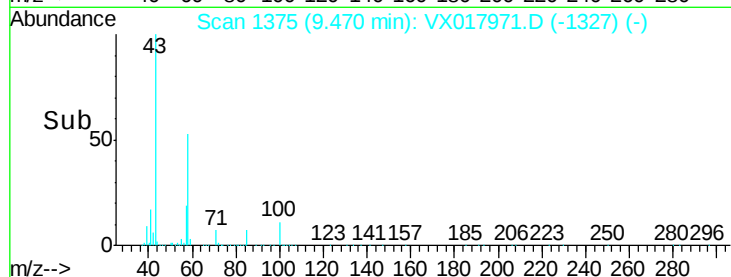
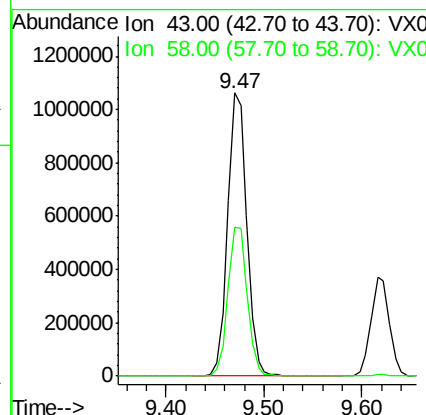
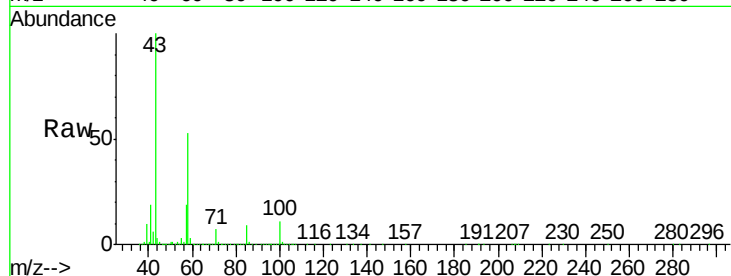
#59
2-Hexanone
Concen: 239.751 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1444422
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0

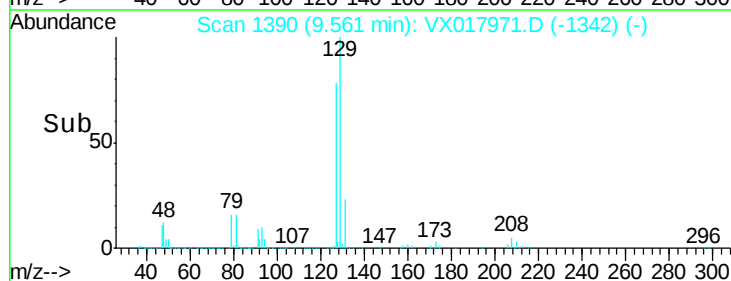
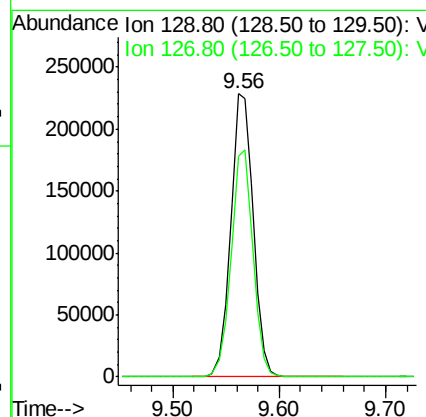
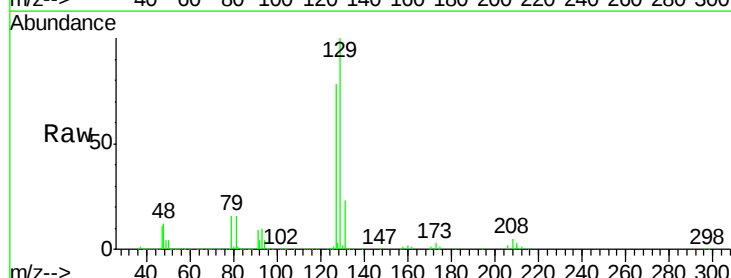
Manual Integrations
APPROVED

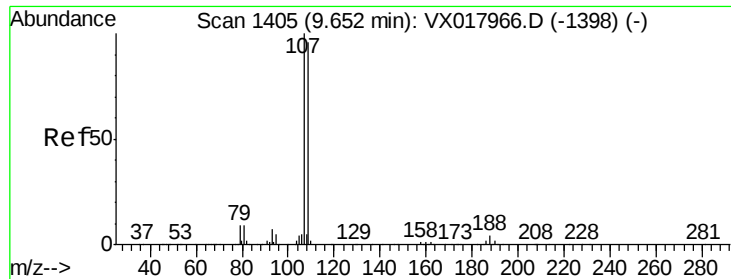
MMDadoda
8/20/2020 9:16:39 AM



#60
Dibromochloromethane
Concen: 48.906 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 129 Resp: 338068
Ion Ratio Lower Upper
129 100
127 78.1 39.5 118.3





#61

1,2-Dibromoethane

Concen: 45.828 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 280959

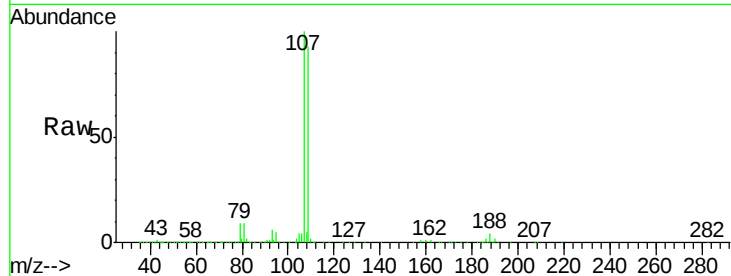
Ion Ratio Lower Upper

107 100

109 92.5 75.5 113.3

Manual Integrations
APPROVED

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8/20/2020 9:16:39 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

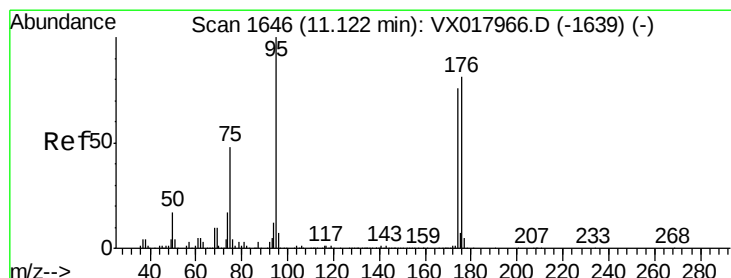
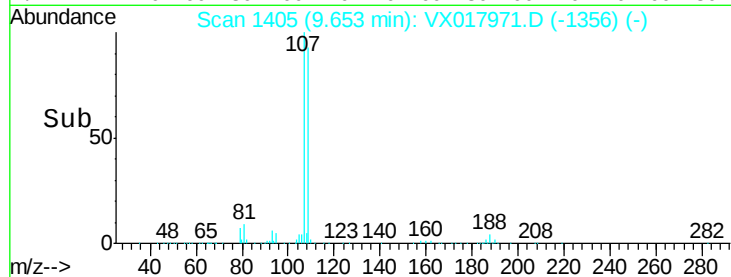
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.253 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

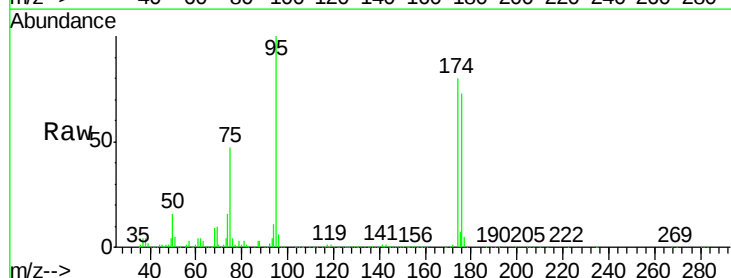
Tgt Ion: 95 Resp: 406590

Ion Ratio Lower Upper

95 100

174 81.0 0.0 166.0

176 76.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

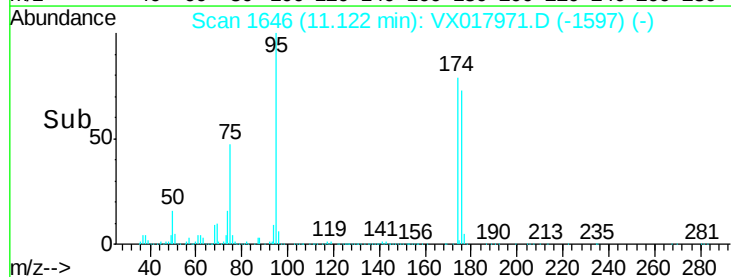
300000

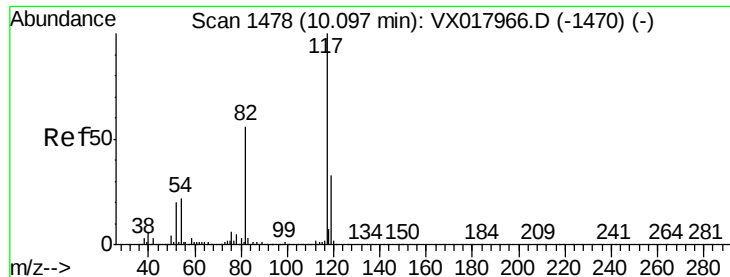
200000

100000

0

Time-->





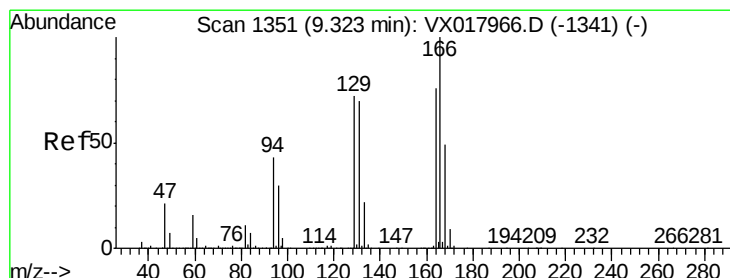
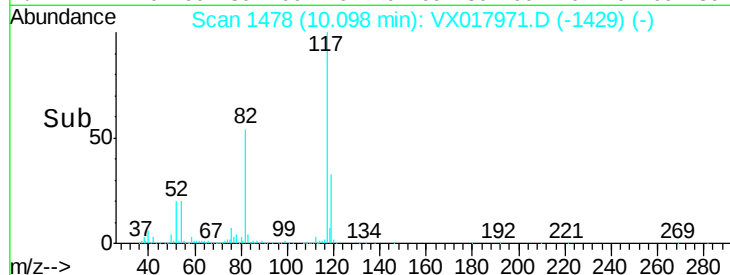
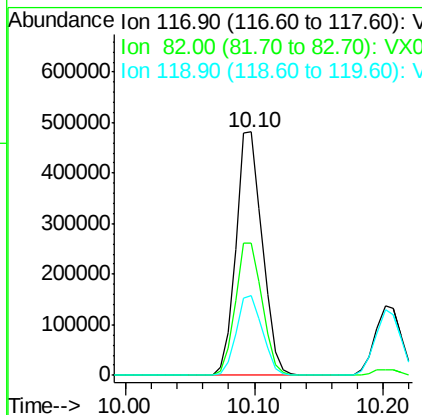
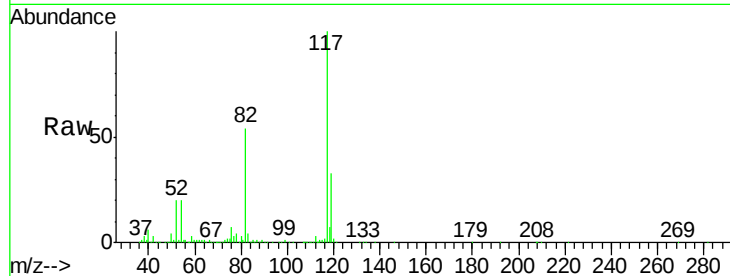
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	684065		
82	54.1		44.6	66.8
119	32.9		26.2	39.4

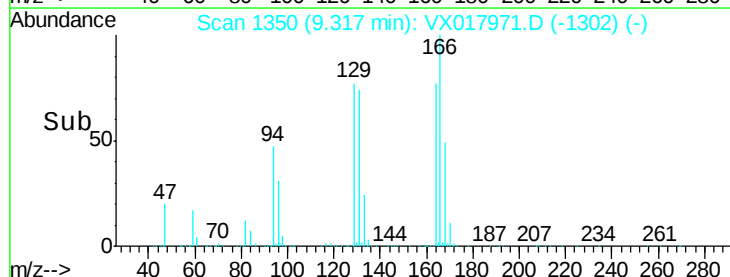
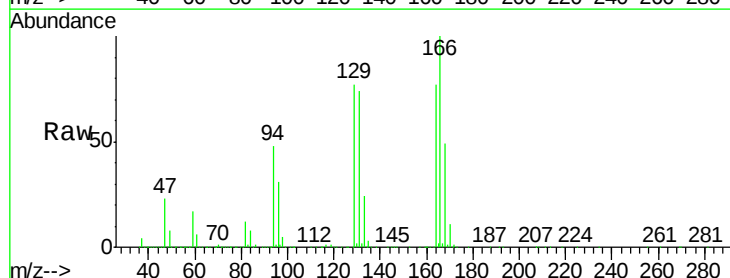
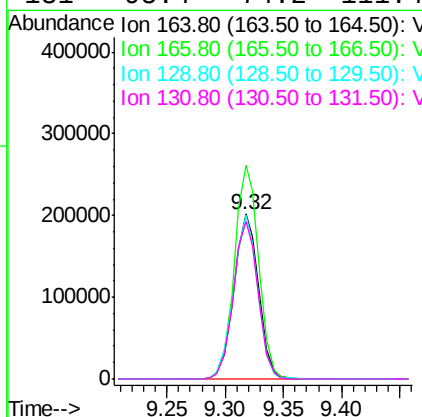
Manual Integrations
APPROVED

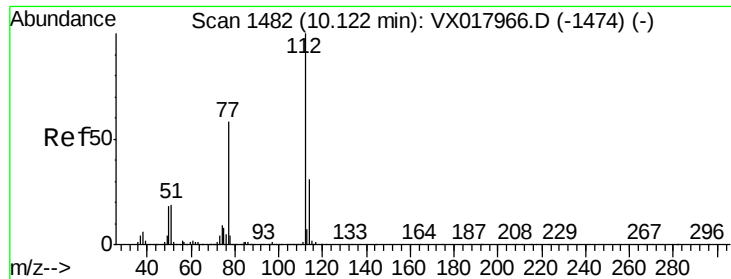
MMDadoda
8/20/2020 9:16:39 AM



#64
Tetrachloroethene
Concen: 56.851 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296992		
166	129.6		105.7	158.5
129	99.5		75.8	113.8
131	95.4		74.2	111.4





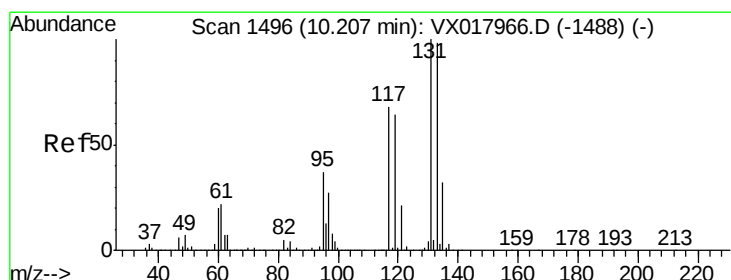
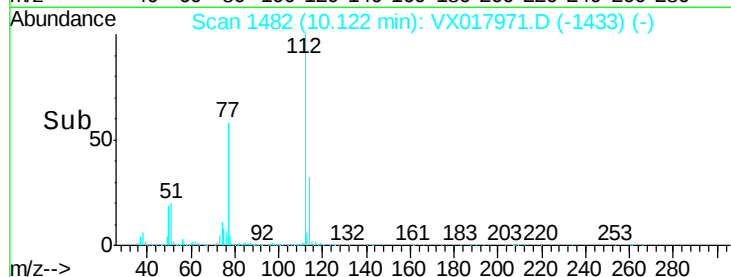
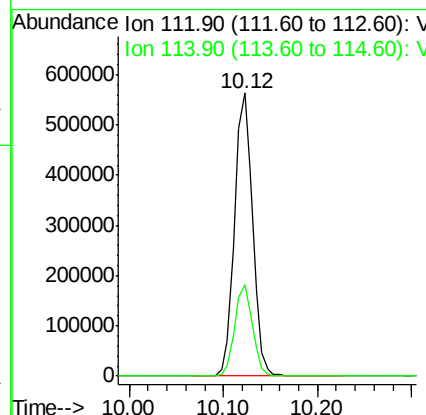
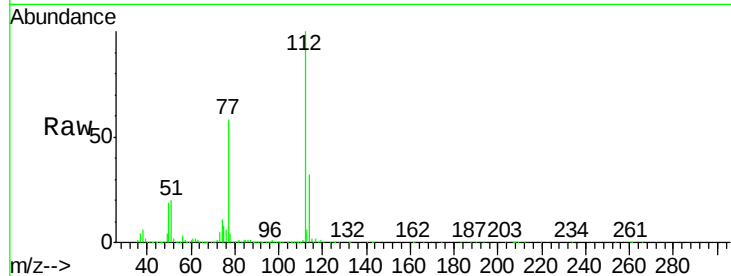
#65
Chlorobenzene
Concen: 55.300 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.0	37.6

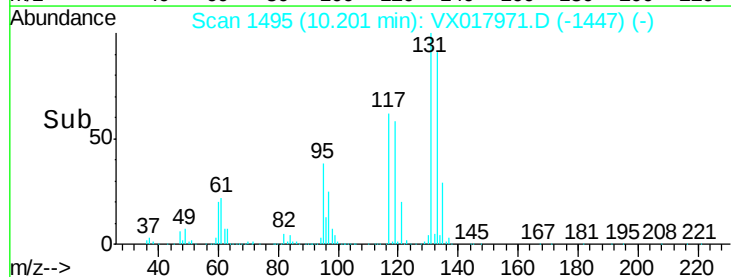
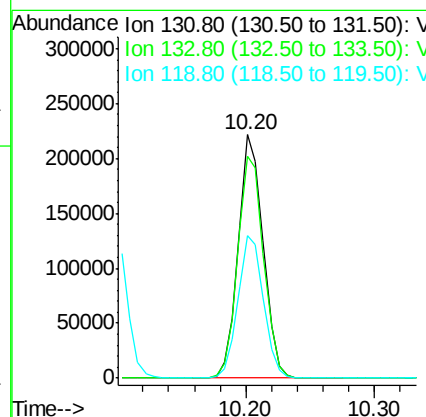
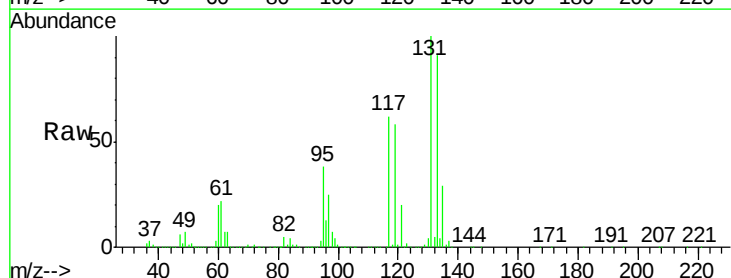
Manual Integrations
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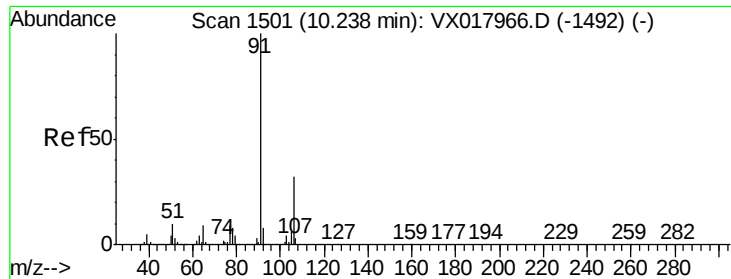
MMDadoda
8/20/2020 9:16:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.980 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.4	145.3
119	60.0	31.6	94.8





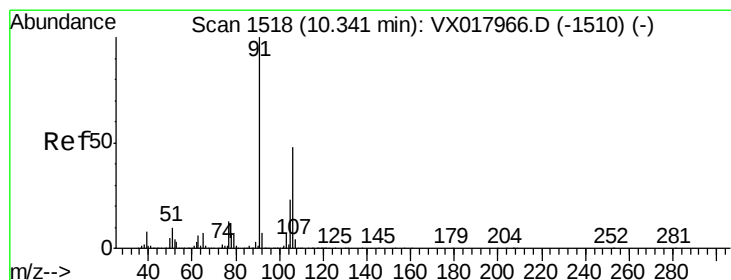
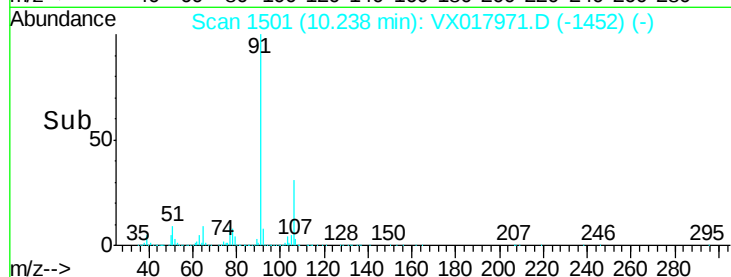
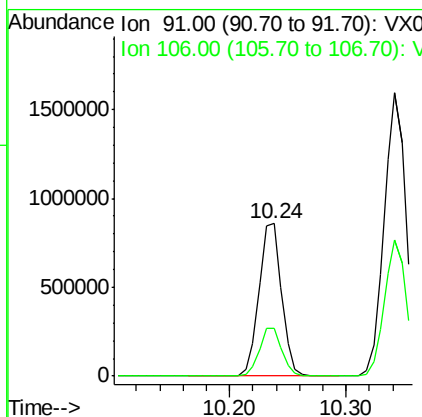
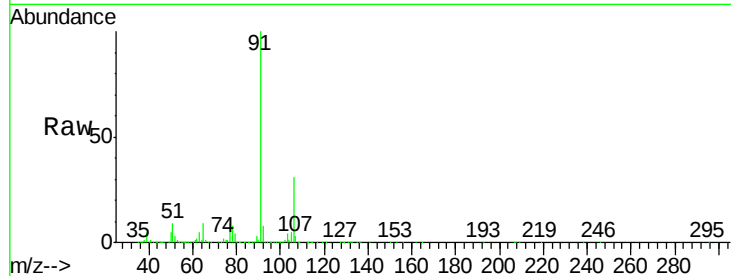
#67
Ethyl Benzene
Concen: 52.394 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1172828
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

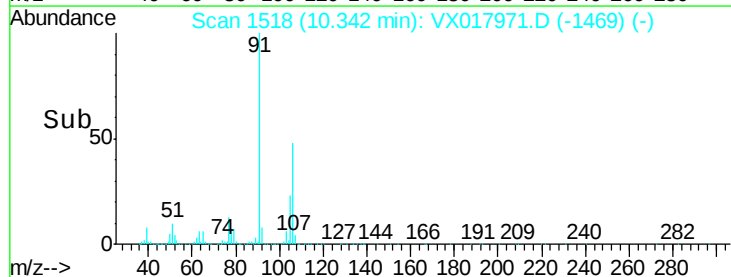
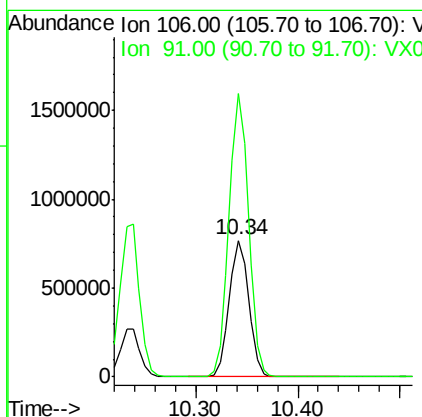
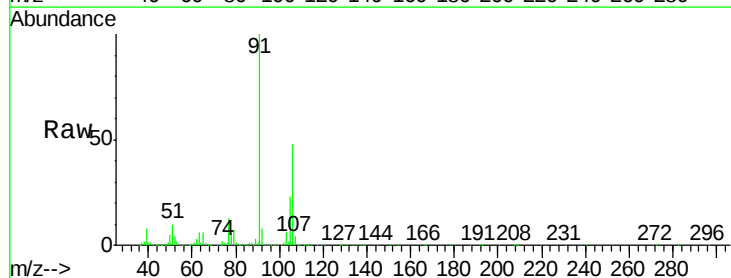
Manual Integrations
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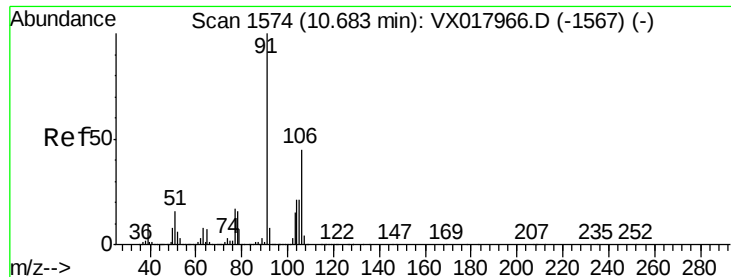
MMDadoda
8/20/2020 9:16:39 AM



#68
m/p-Xylenes
Concen: 118.070 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 106 Resp: 1017499
Ion Ratio Lower Upper
106 100
91 207.5 167.4 251.2





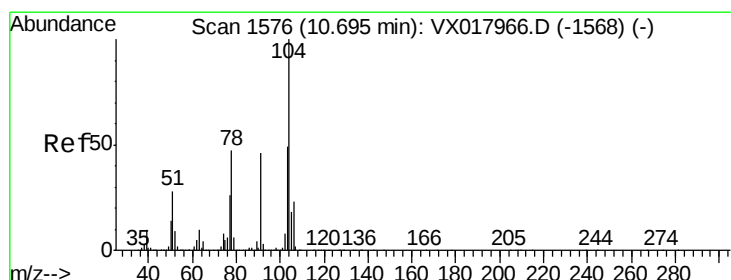
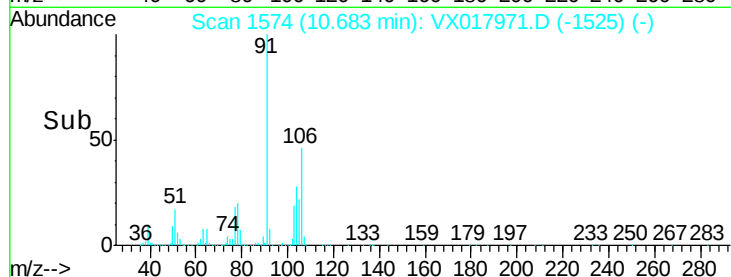
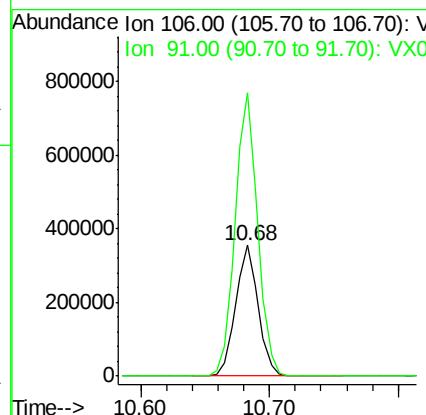
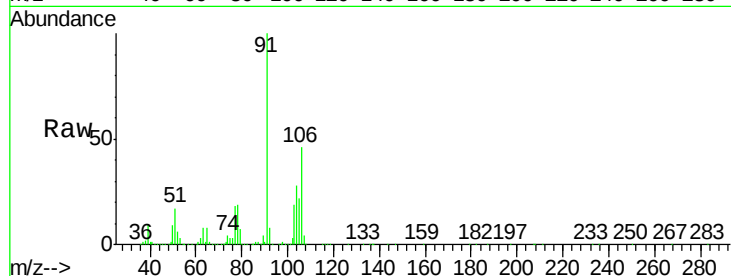
#69
o-Xylene
Concen: 52.351 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.1	108.1	324.2

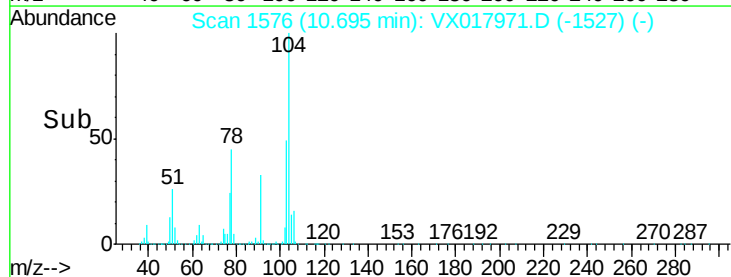
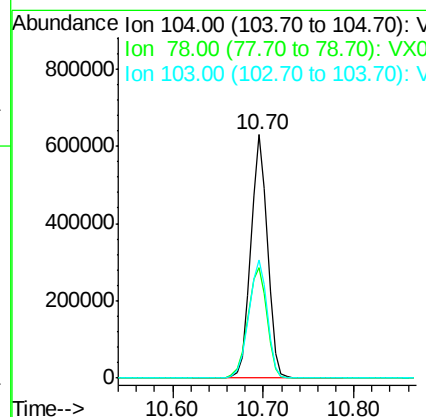
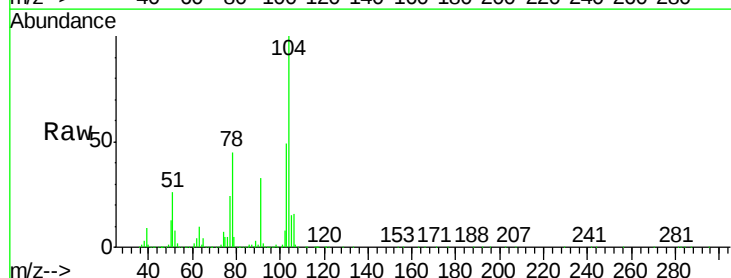
Manual Integrations
APPROVED

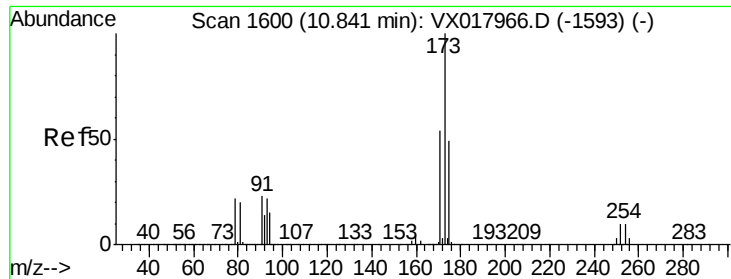
MMDadoda
8/20/2020 9:16:39 AM



#70
Styrene
Concen: 55.823 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.3	61.9
103	54.0	42.9	64.3





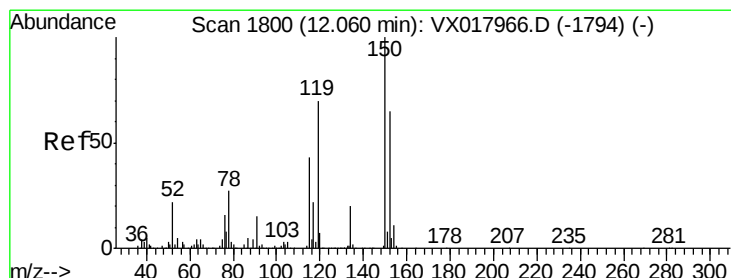
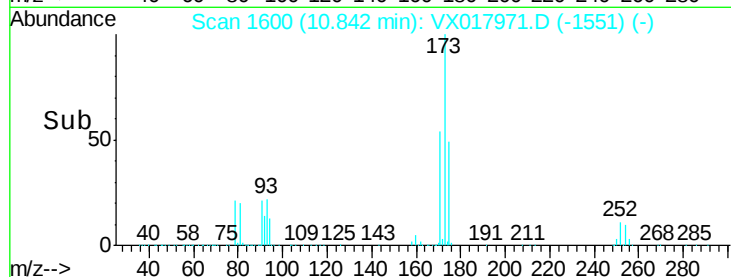
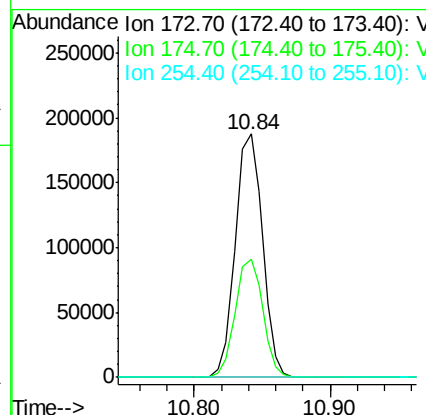
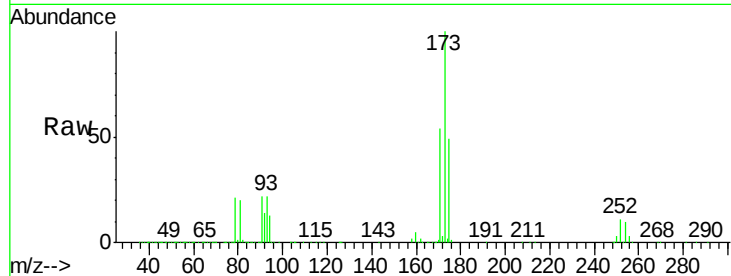
#71
Bromoform
Concen: 50.805 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.4	73.2
254	0.1	0.2	0.2

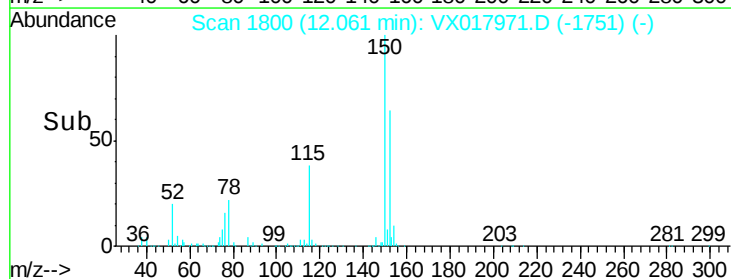
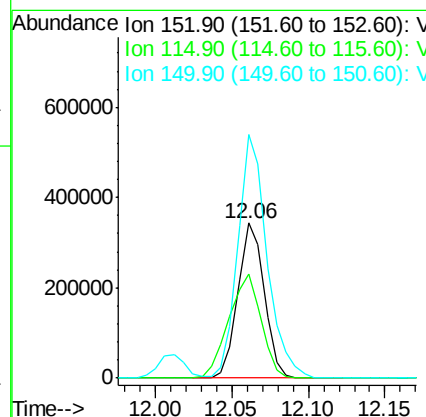
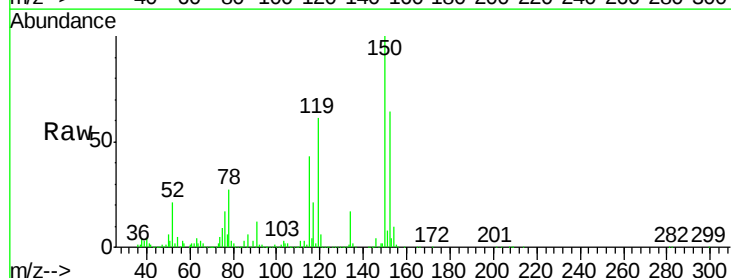
Manual Integrations
APPROVED

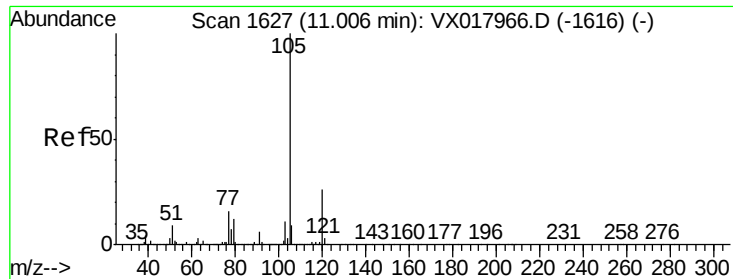
MMDadoda
8/20/2020 9:16:39 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.0	40.6	121.7
150	173.3	0.0	346.4





#73

Isopropylbenzene

Concen: 47.234 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1248030

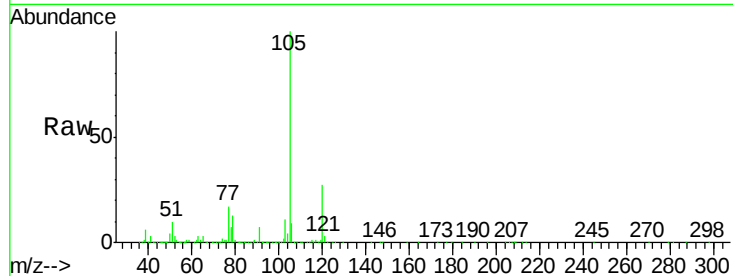
Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4

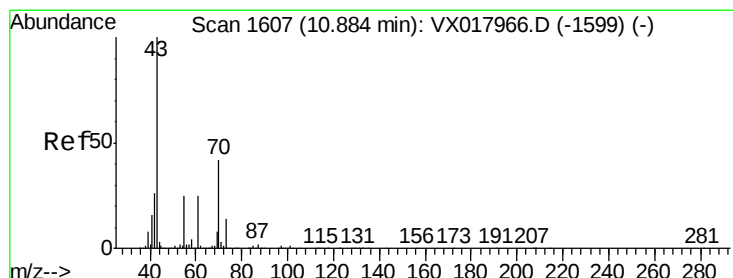
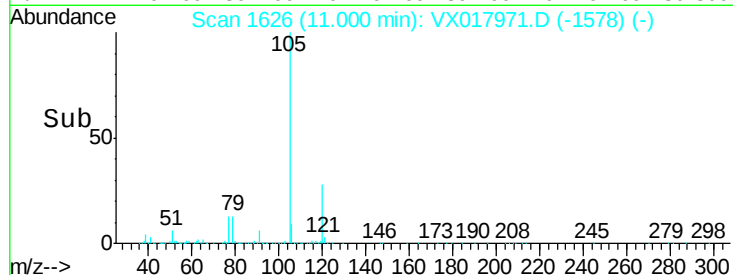
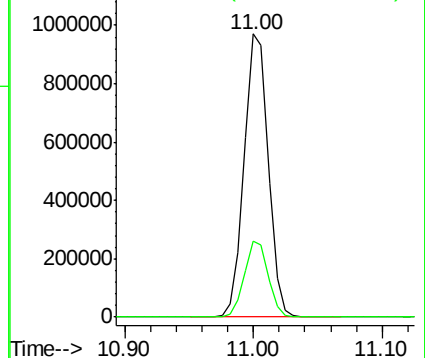
Manual Integrations
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8/20/2020 9:16:39 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.002 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion: 43 Resp: 564141

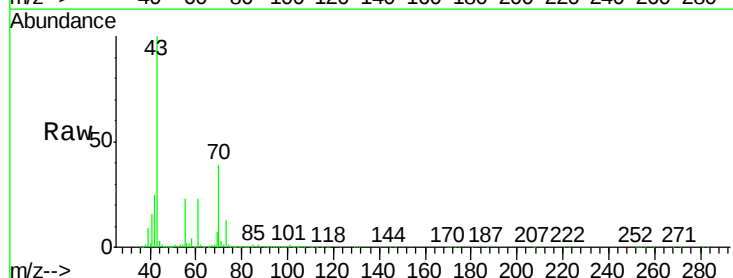
Ion Ratio Lower Upper

43 100

70 40.5 32.9 49.3

55 23.8 19.3 28.9

61 23.4 19.6 29.4

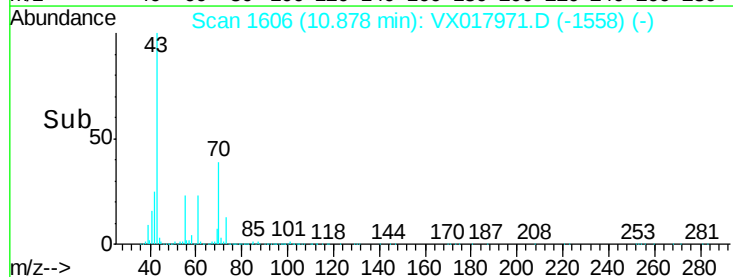
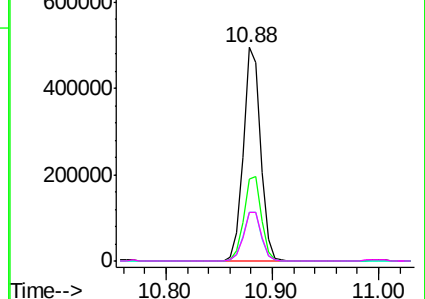


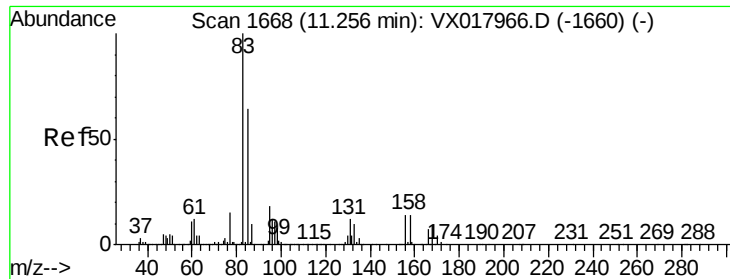
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.172 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

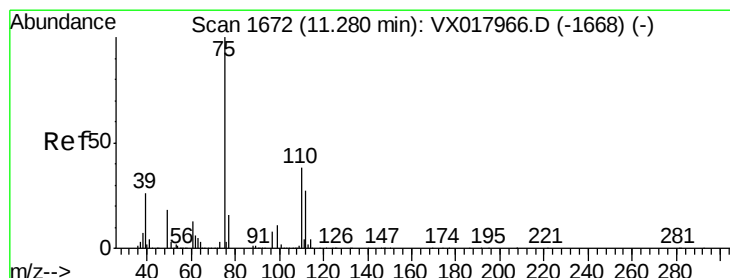
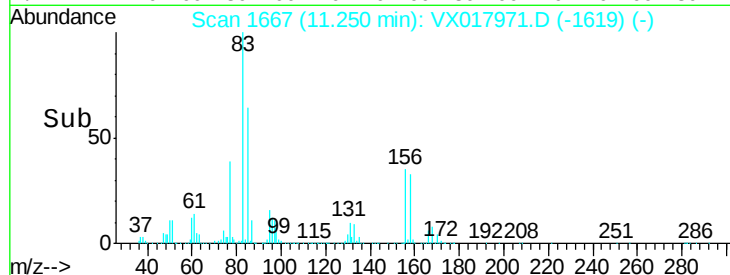
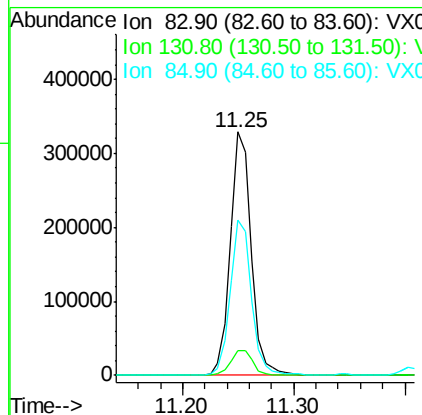
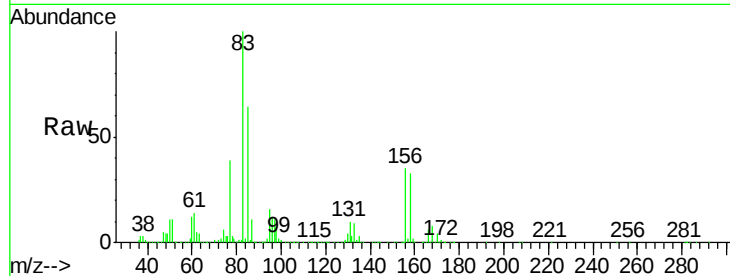
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	425586
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.7	32.2	96.6

Manual Integrations
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8/20/2020 9:16:39 AM



#76

1,2,3-Trichloropropane

Concen: 48.752 ug/l m

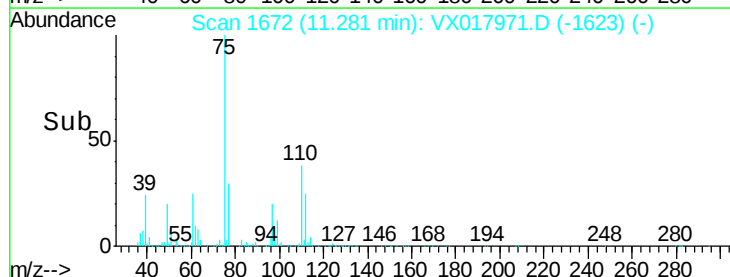
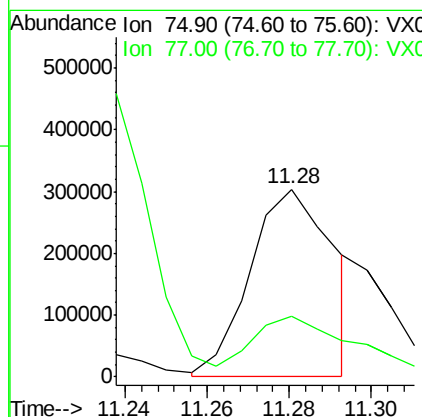
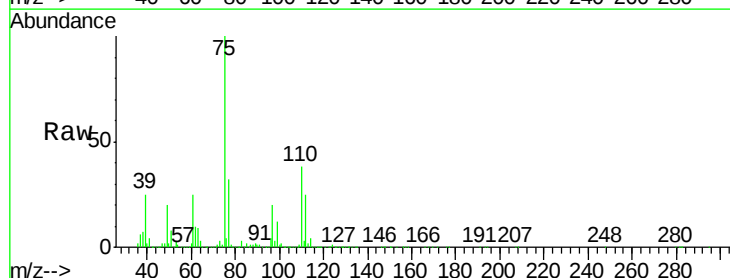
RT: 11.28 min Scan# 1672

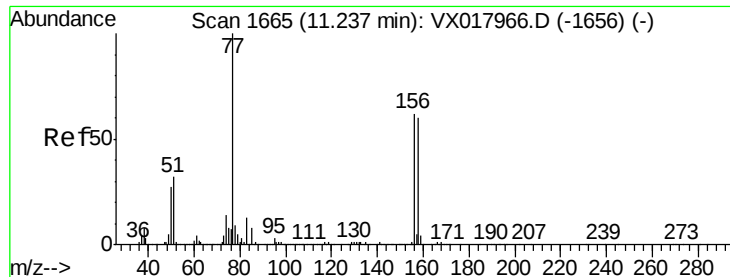
Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion:	75	Resp:	425599
Ion Ratio	Lower	Upper	
75	100		
77	39.9	21.1	63.1





#77

Bromobenzene

Concen: 51.626 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

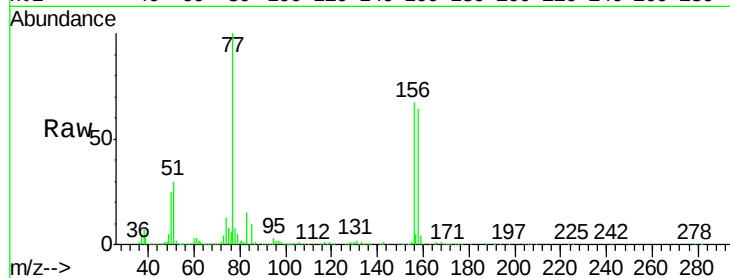
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	378452
Ion Ratio	Lower	Upper	
156	100		
77	150.3	78.0	234.0
158	94.5	49.2	147.6

Manual Integrations
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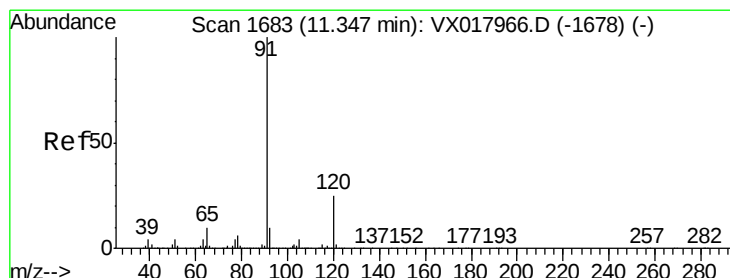
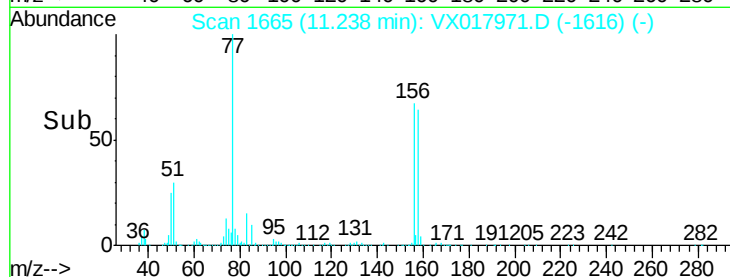
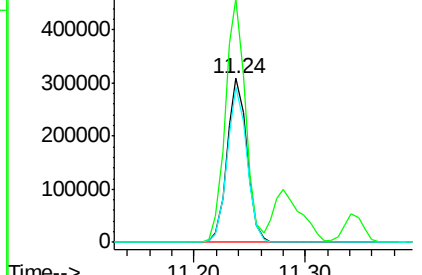
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.714 ug/l

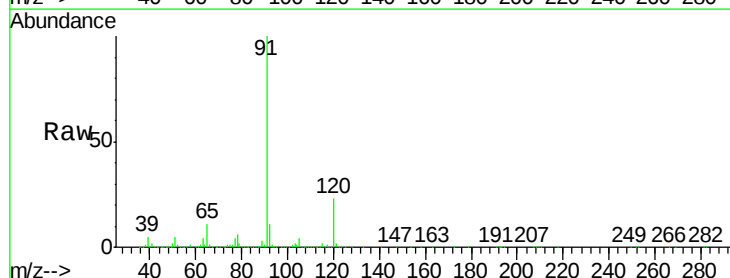
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX017971.D

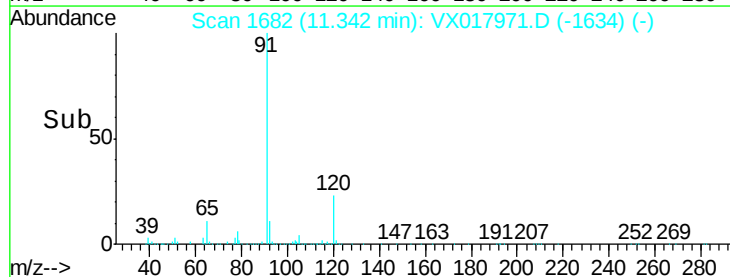
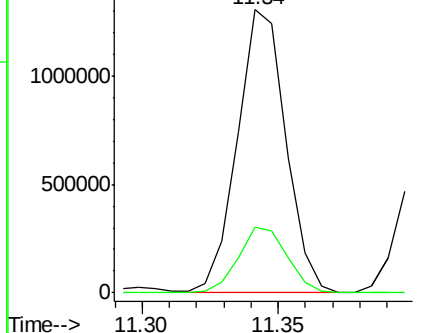
Acq: 19 Aug 2020 09:44

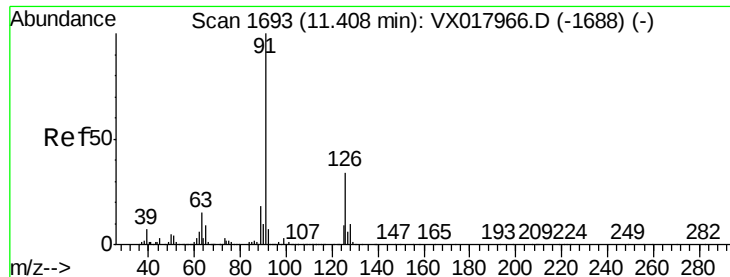
Tgt Ion:	91	Resp:	1598171
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.644 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 934967

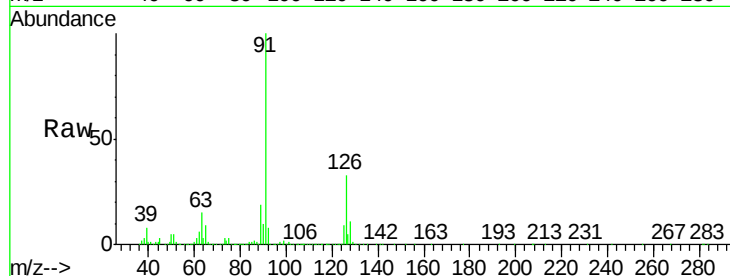
Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017966.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX017966.D (-1688) (-)

1500000

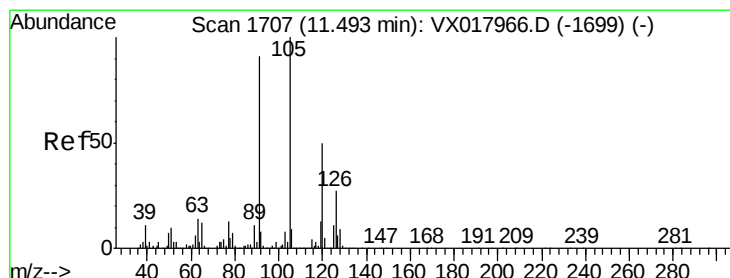
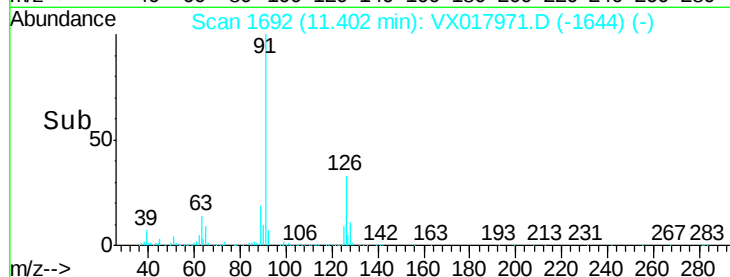
1000000

500000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.390 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017971.D

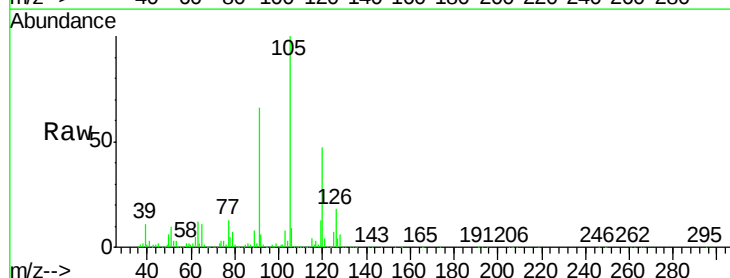
Acq: 19 Aug 2020 09:44

Tgt Ion:105 Resp: 1168705

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX017966.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX017966.D (-1699) (-)

1000000

800000

600000

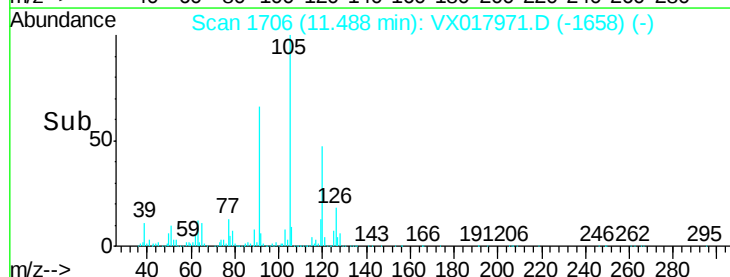
400000

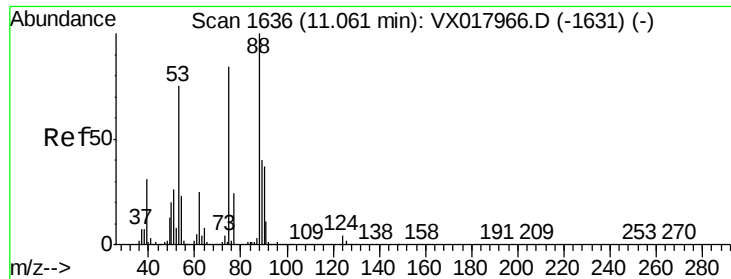
200000

0

11.45 11.50 11.55

Time-->





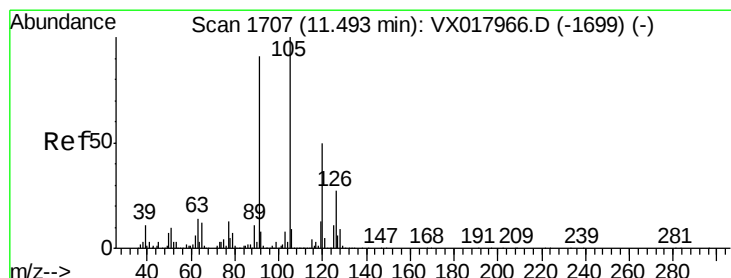
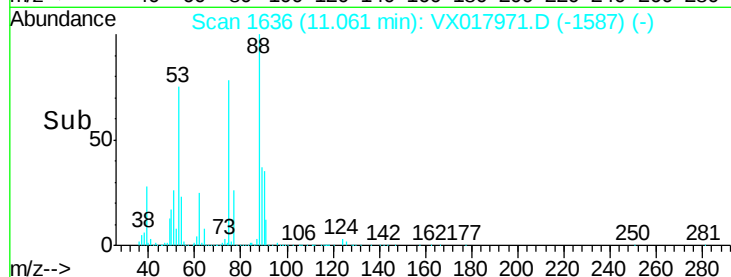
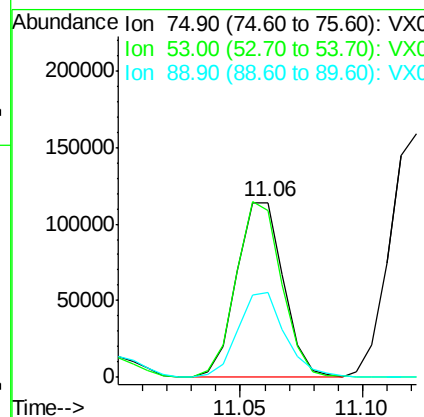
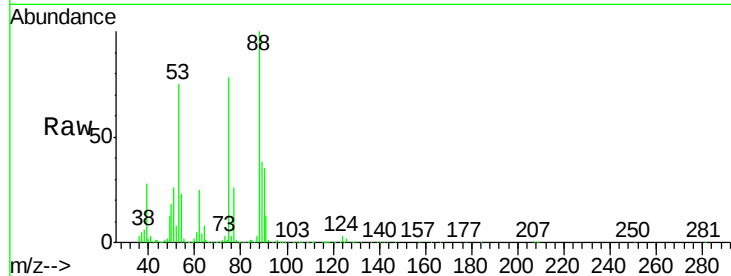
#81
trans-1,4-Dichloro-2-butene
Concen: 45.278 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.9	75.2	112.8
89	50.1	38.4	57.6

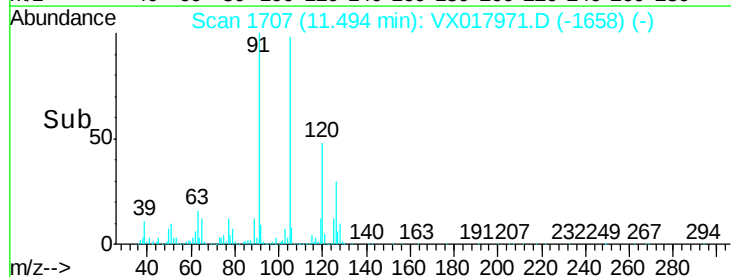
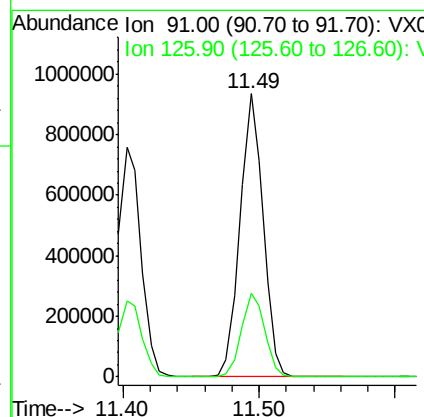
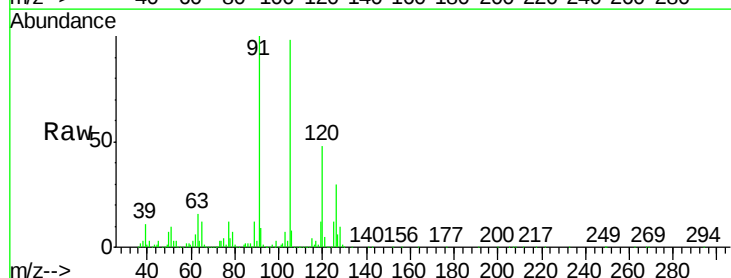
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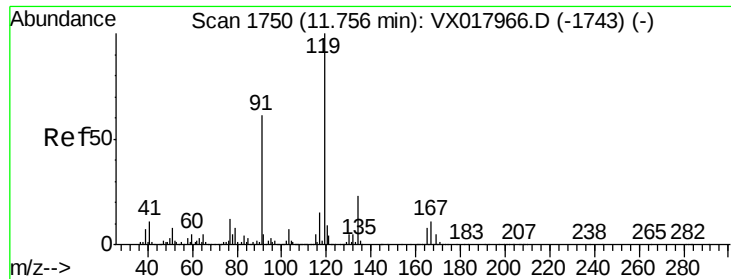
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#82
4-Chlorotoluene
Concen: 50.070 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





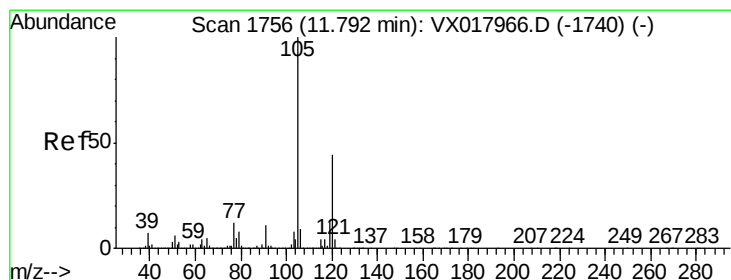
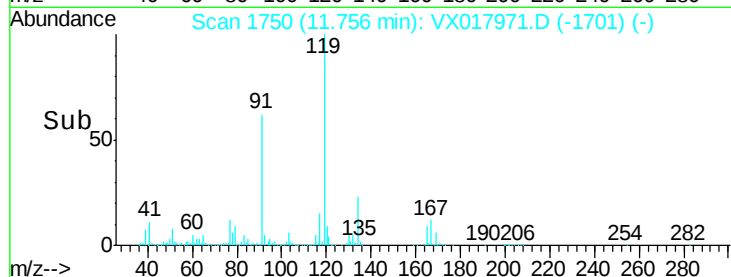
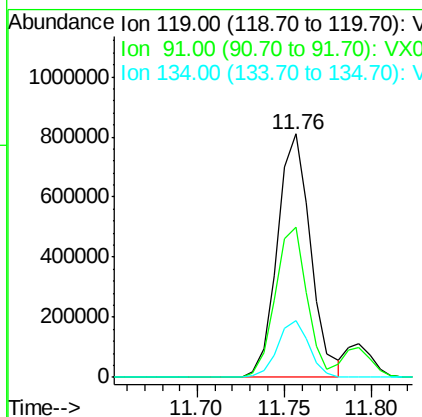
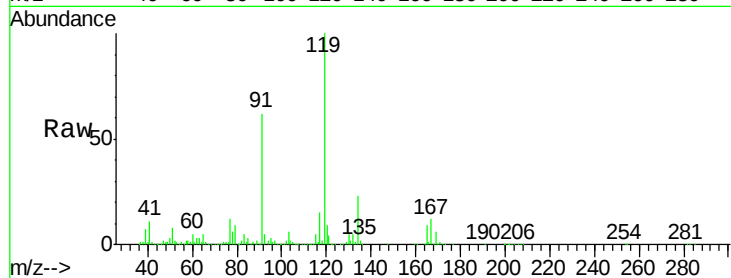
#83
tert-Butylbenzene
Concen: 48.940 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.1	90.5
134	22.0	11.1	33.1

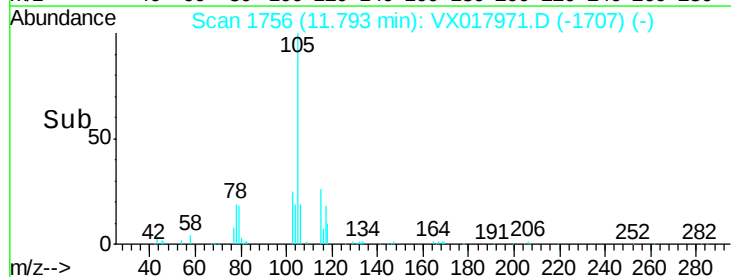
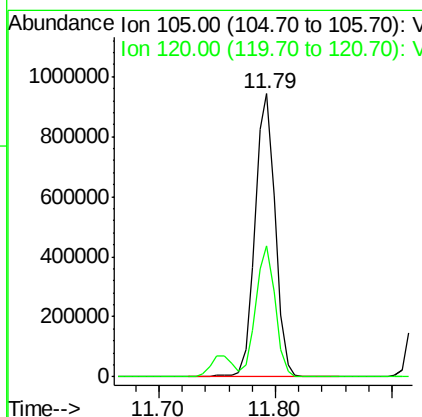
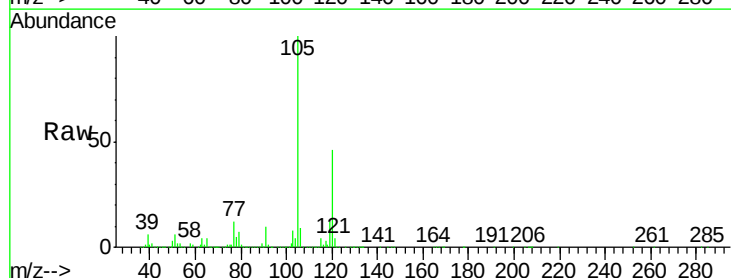
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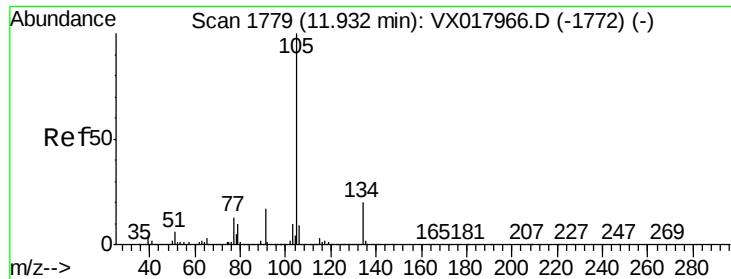
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#84
1,2,4-Trimethylbenzene
Concen: 47.455 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.1





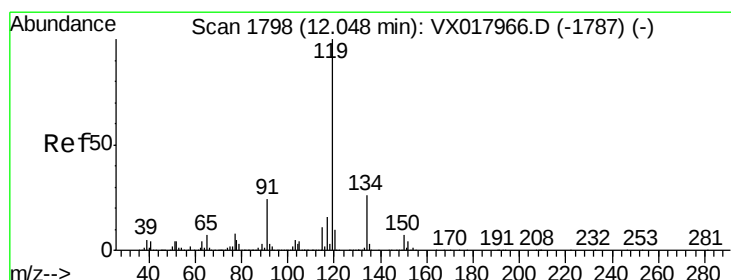
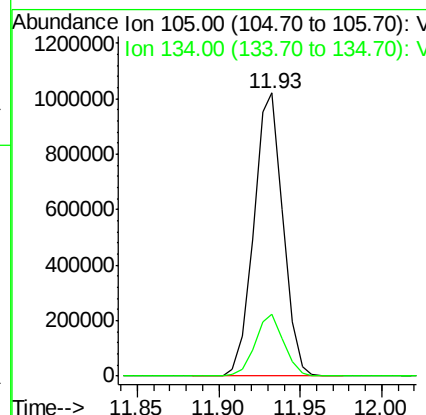
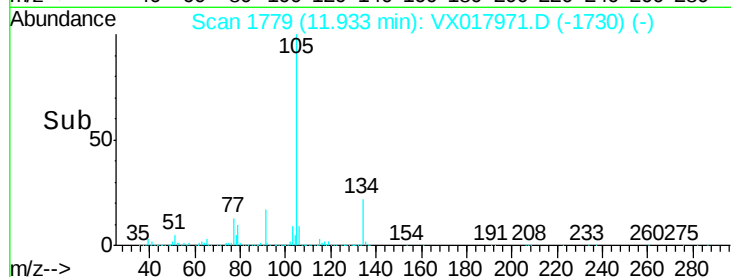
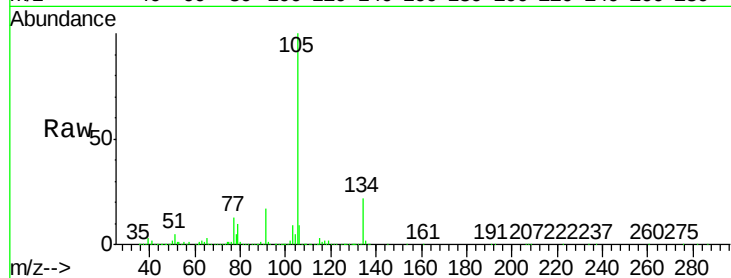
#85
 sec-Butylbenzene
 Concen: 48.082 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1271292
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.3 30.9

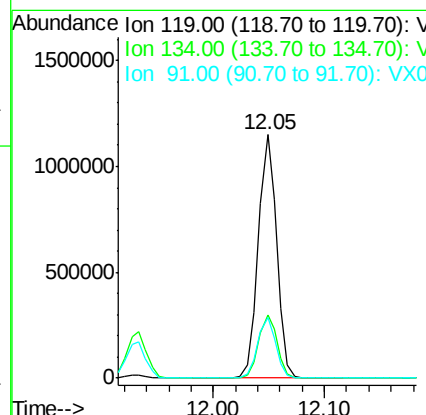
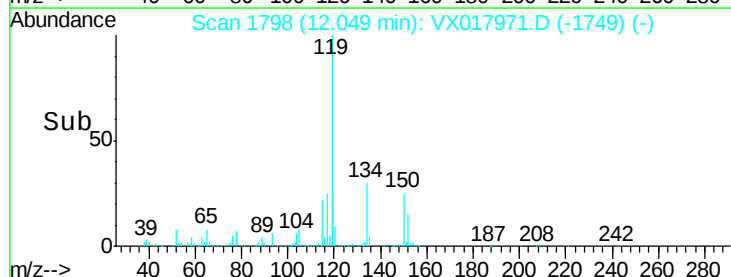
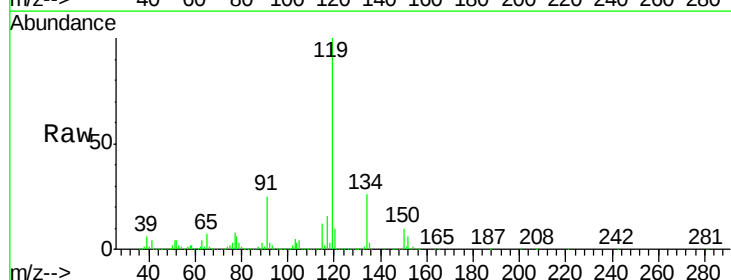
Manual Integrations
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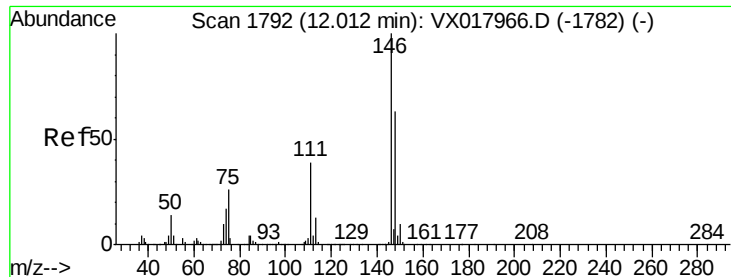
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 8/20/2020 9:16:39 AM



#86
 p-Isopropyltoluene
 Concen: 53.754 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion:119 Resp: 1322095
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.0
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.463 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

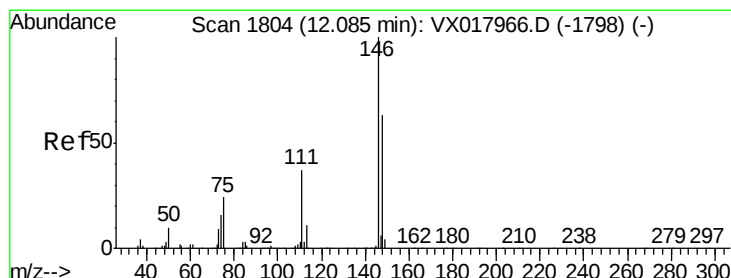
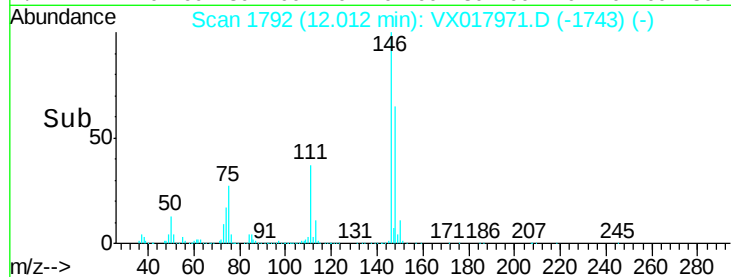
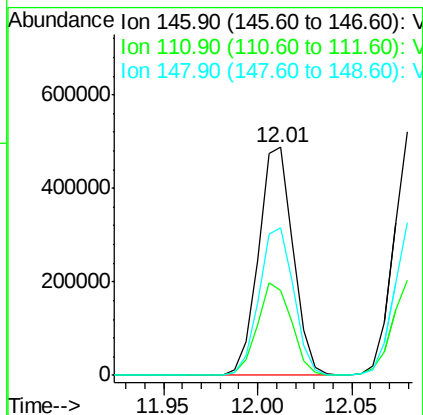
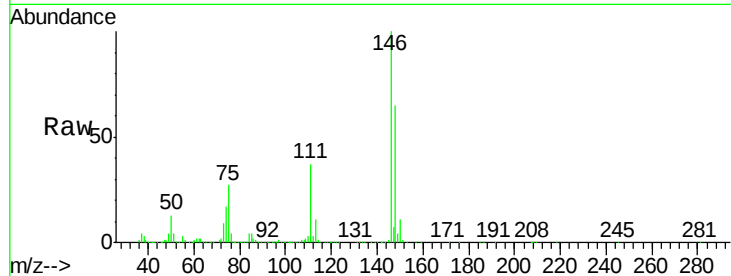
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	619925
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.1	60.3
148	64.9	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.717 ug/l

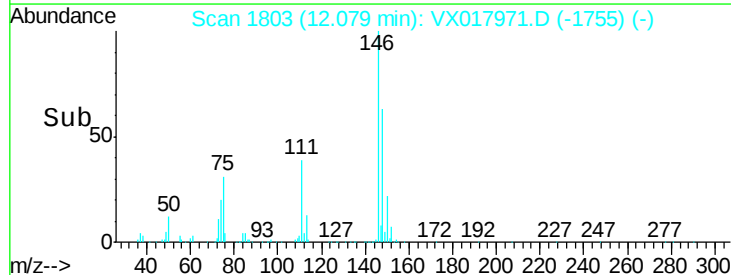
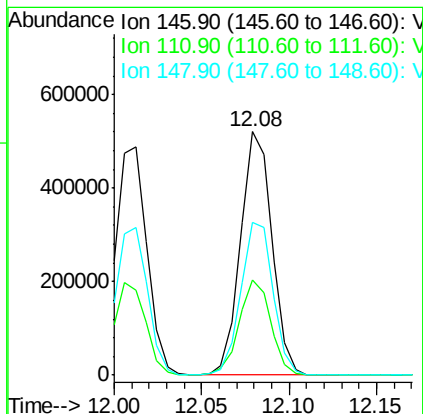
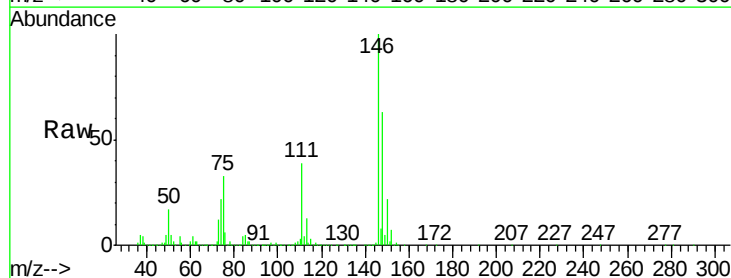
RT: 12.08 min Scan# 1803

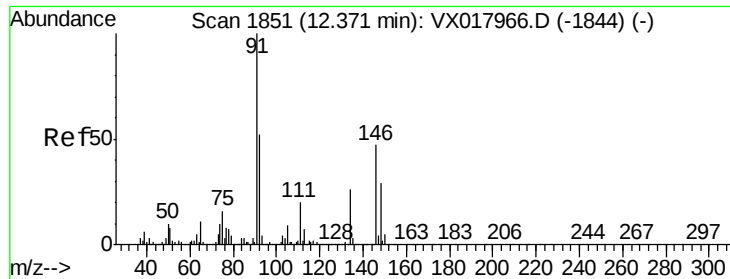
Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion:	146	Resp:	649864
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.7	59.1
148	64.3	31.9	95.7





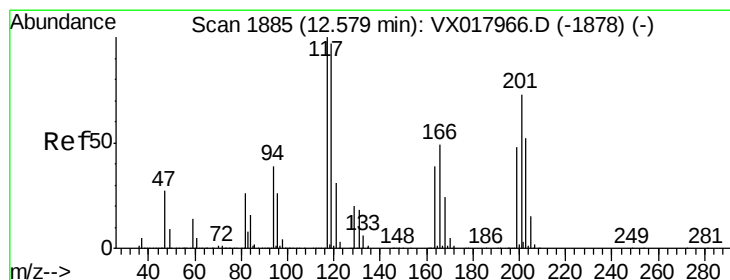
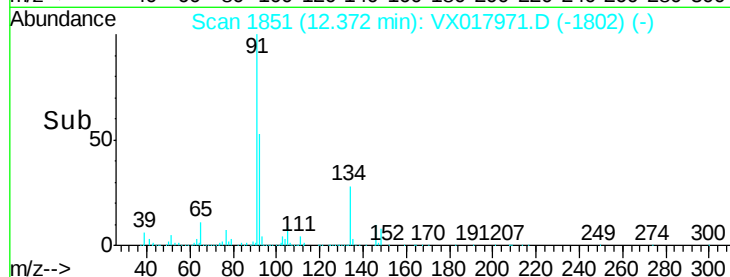
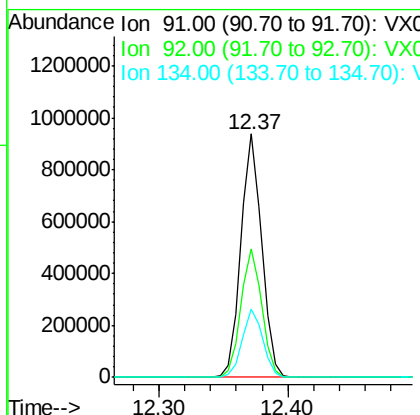
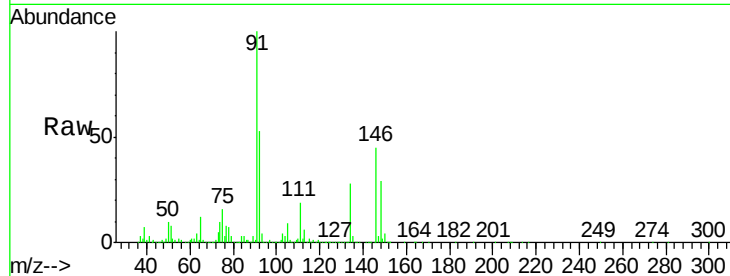
#89
n-Butylbenzene
Concen: 51.480 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.7	77.0
134	27.5	13.4	40.2

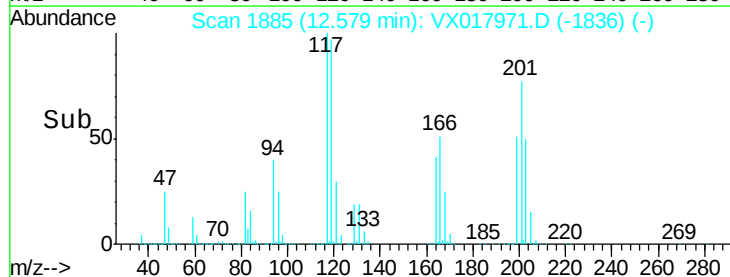
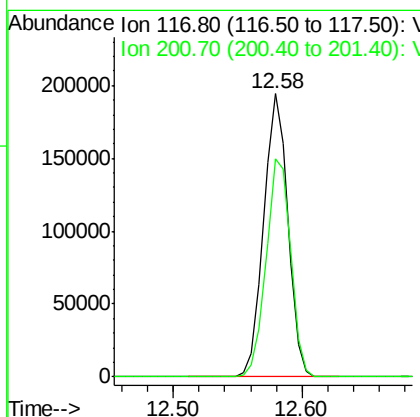
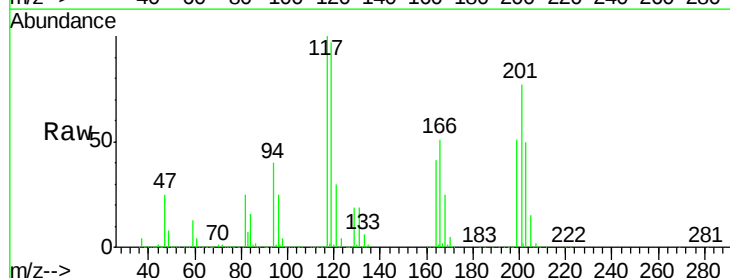
Manual Integrations
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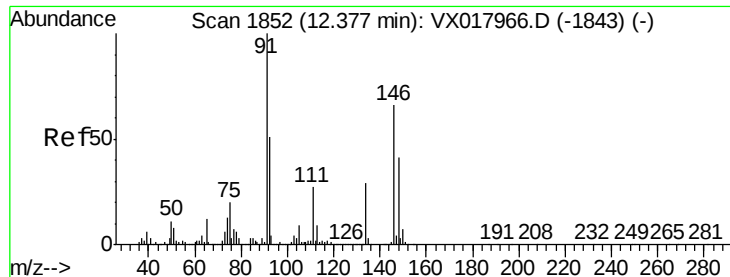
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#90
Hexachloroethane
Concen: 51.602 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	40.8	122.2





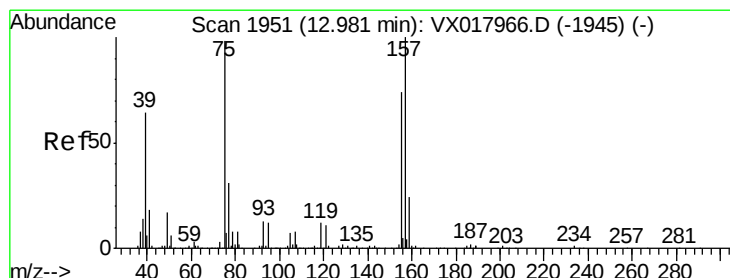
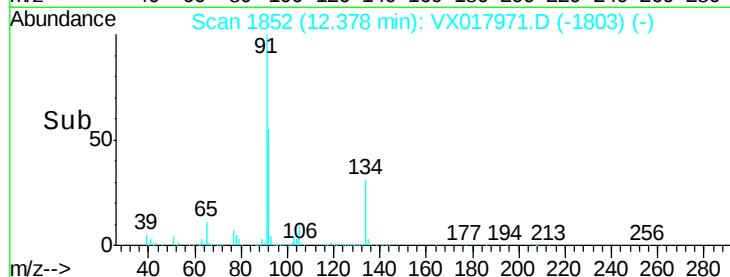
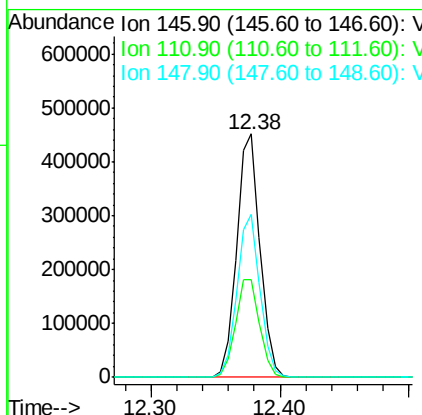
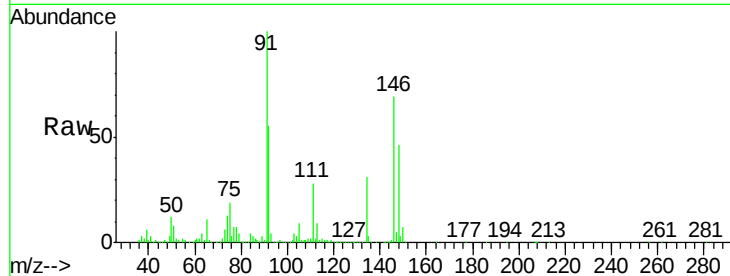
#91
 1,2-Dichlorobenzene
 Concen: 45.923 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.0	20.6	61.9	
148	66.0	31.2	93.6	

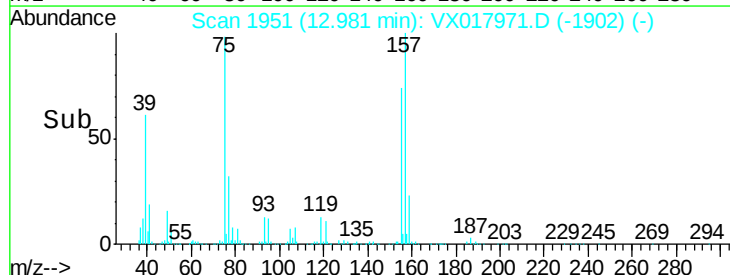
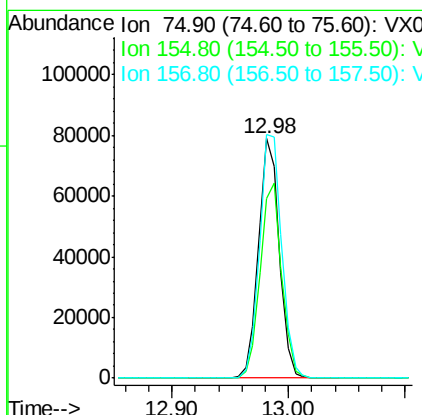
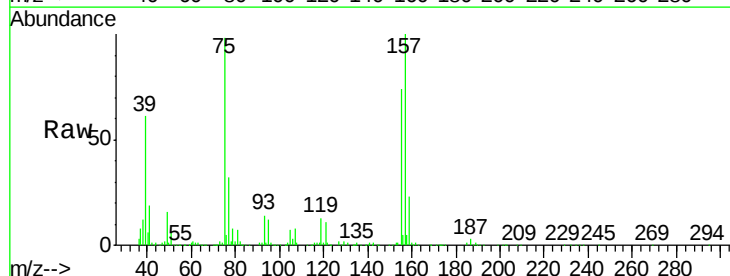
Manual Integrations
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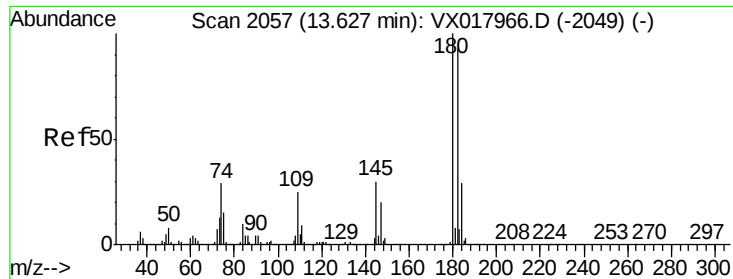
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.987 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	83.5	40.5	121.5	
157	108.1	54.4	163.2	





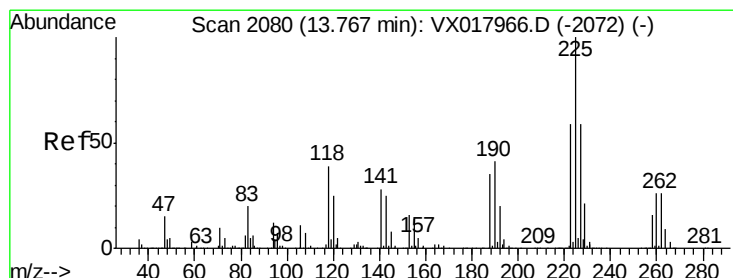
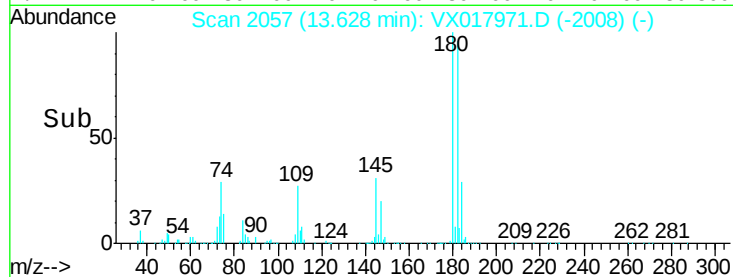
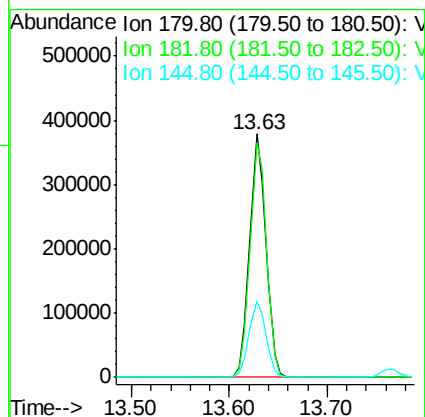
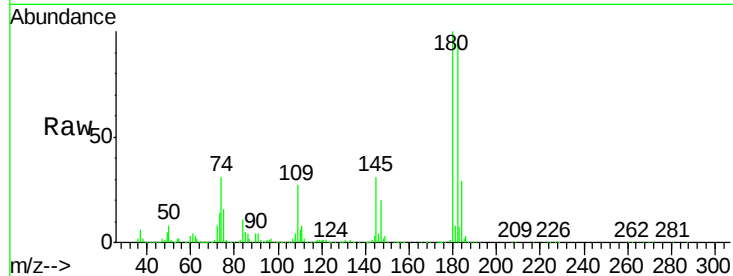
#93
 1,2,4-Trichlorobenzene
 Concen: 54.478 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	441423		
182	97.6	48.8	146.4	
145	32.4	16.0	48.0	

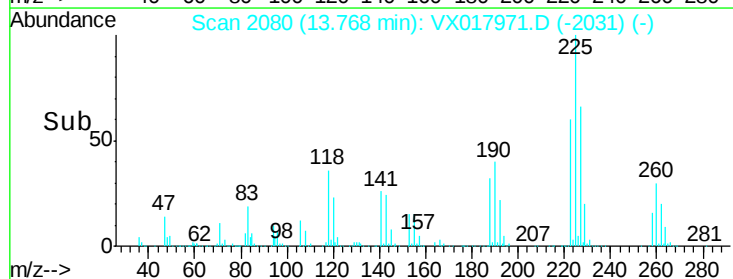
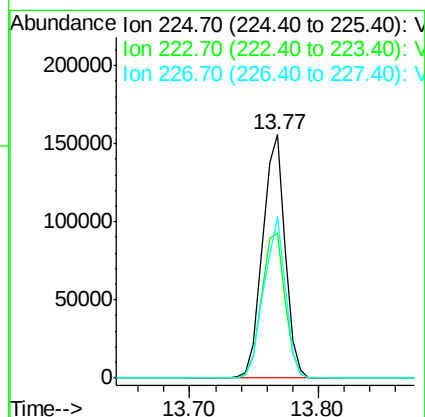
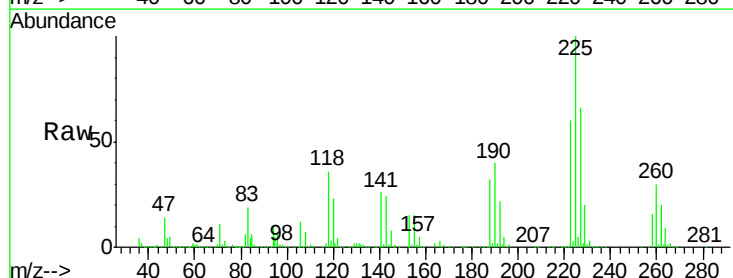
Manual Integrations
 APPROVED

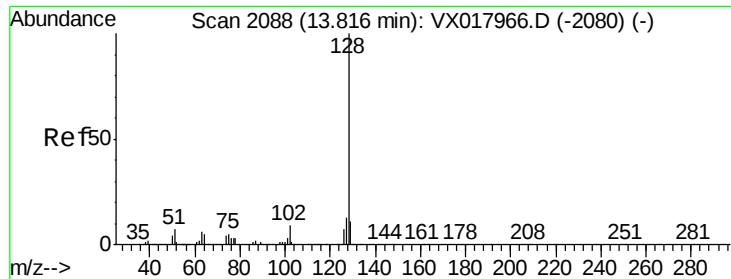
MMDadoda
 8/20/2020 9:16:39 AM



#94
 Hexachlorobutadiene
 Concen: 53.699 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	185689		
223	62.3	32.1	96.3	
227	63.8	29.8	89.5	





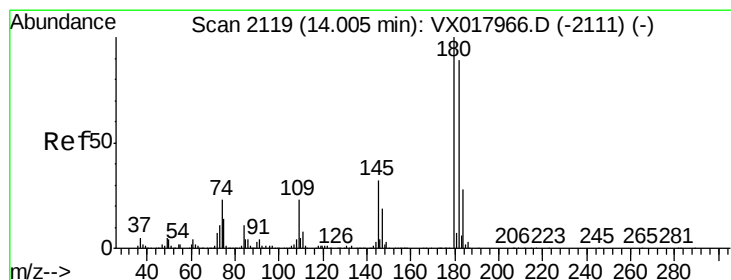
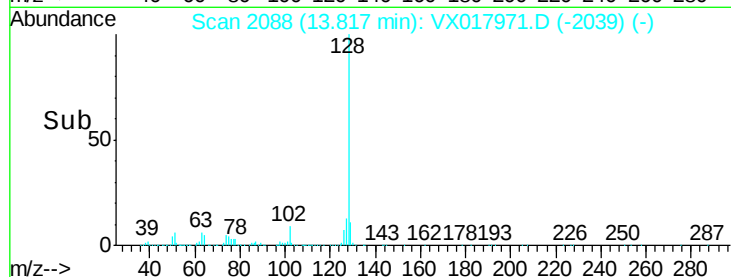
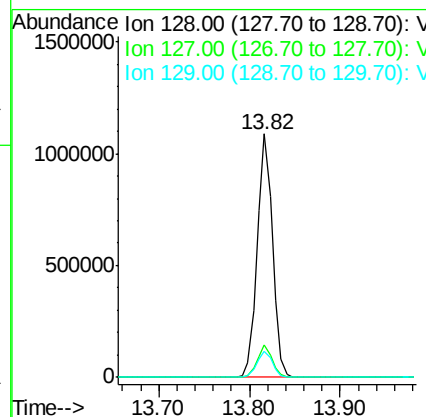
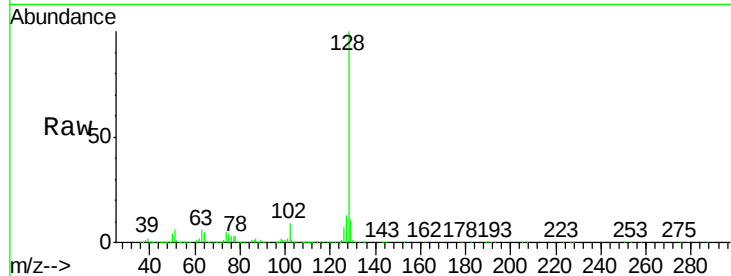
#95
Naphthalene
Concen: 49.677 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:16:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.964 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.6	139.8
145	33.1	16.8	50.4

