

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015611.D
 Acq On : 10 Apr 2020 11:18
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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Quant Time: Apr 11 00:48:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	201664	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1104275	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1009046	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	473359	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.12	95	517415	29.96	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.87%
63) Toluene-d8	8.70	98	1296665	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	168529	17.500	ug/l 98
3) Chloromethane	1.31	50	209524	17.629	ug/l 99
4) Vinyl Chloride	1.39	62	212956	18.625	ug/l 98
5) Bromomethane	1.63	94	133693	21.964	ug/l 99
6) Chloroethane	1.72	64	139278	19.525	ug/l 97
7) Trichlorofluoromethane	1.92	101	313509	19.186	ug/l 94
8) Diethyl Ether	2.17	74	125242	19.921	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204988	18.962	ug/l 99
10) 1,1-Dichloroethene	2.36	96	198347	18.063	ug/l 93
11) Methyl Iodide	2.49	142	249212	17.078	ug/l 100
12) Methyl Acetate	2.75	43	293963	18.295	ug/l 97
13) Acrolein	2.27	56	227254	108.721	ug/l 95
14) Acrylonitrile	3.11	53	633991	92.164	ug/l 99
15) Acetone	2.42	58	236820	135.390	ug/l 87
16) Carbon Disulfide	2.55	76	555707	17.312	ug/l 99
17) Allyl chloride	2.71	41	438659	17.694	ug/l 97
18) Methylene Chloride	2.83	84	233196	18.915	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	222199	18.706	ug/l 96
20) Diisopropyl ether	3.83	45	844080	18.983	ug/l 92
21) 1,1-Dichloroethane	3.67	63	426086	18.772	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	255766	18.691	ug/l 99
23) tert-Butyl Alcohol	3.00	59	262275	77.514	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	769715	18.880	ug/l 100
25) Chloroform	5.18	83	424080	18.902	ug/l 99
26) Cyclohexane	5.55	56	391666	18.061	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	322960	19.466	ug/l 99
30) 2-Butanone	4.63	43	1067406	107.325	ug/l 99
31) 2,2-Dichloropropane	4.55	77	392493	19.659	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	385023	19.021	ug/l 98
33) Carbon Tetrachloride	5.75	117	348137	18.873	ug/l 96
34) Benzene	6.11	78	920237	19.245	ug/l 99
35) Methacrylonitrile	5.00	41	210332	18.650	ug/l 97
36) 1,2-Dichloroethane	6.16	62	373253	20.201	ug/l 99
37) Trichloroethene	7.19	130	259158	19.249	ug/l 94
38) Methylcyclohexane	7.44	83	386599	19.008	ug/l 99
39) 1,2-Dichloropropane	7.49	63	241639	18.814	ug/l 97
40) Dibromomethane	7.64	93	163851	19.167	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	342147	18.416	ug/l	99
42) Vinyl Acetate	3.78	43	3737999	99.194	ug/l	100
43) Ethyl Acetate	4.80	43	376745	17.415	ug/l	96
44) Isopropyl Acetate	6.41	43	642262	18.447	ug/l	100
45) 1,4-Dioxane	7.71	88	99887	311.431	ug/l	98
46) Methyl methacrylate	7.75	41	322717	18.575	ug/l	97
47) n-amyl Acetate	10.88	43	551548	18.373	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	395767	18.453	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	414258	18.713	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	236770	19.300	ug/l	97
51) Ethyl methacrylate	9.16	69	389020	18.437	ug/l	97
52) 1,3-Dichloropropane	9.36	76	417499	19.703	ug/l	99
53) Dibromochloromethane	9.56	129	273507	18.085	ug/l	99
54) 1,2-Dibromoethane	9.65	107	251223	19.084	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	999735	100.321	ug/l	99
56) Bromoform	10.84	173	216294	17.394	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	1854963	96.053	ug/l	100
59) 2-Hexanone	9.47	43	1472670	100.238	ug/l	99
61) Tetrachloroethene	9.32	164	251553	19.395	ug/l	96
62) Toluene	8.76	91	999540	19.557	ug/l	99
64) Chlorobenzene	10.12	112	641242	19.514	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	250980	18.691	ug/l	99
66) Ethyl Benzene	10.24	91	1152244	19.735	ug/l	99
67) m/p-Xylenes	10.34	106	871412	39.432	ug/l	97
68) o-Xylene	10.68	106	419942	19.441	ug/l	99
69) Styrene	10.70	104	731162	19.429	ug/l	99
70) Isopropylbenzene	11.00	105	1145074	19.997	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	353470	19.045	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	330803m	19.049	ug/l	
73) Bromobenzene	11.24	156	299070	19.456	ug/l	96
74) n-propylbenzene	11.34	91	1307500	19.907	ug/l	99
75) 2-Chlorotoluene	11.40	91	777983	19.475	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	978559	19.900	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	123581	16.513	ug/l	89
78) 4-Chlorotoluene	11.50	91	926510	20.048	ug/l	99
79) tert-butylbenzene	11.76	119	948896	19.307	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	977796	19.629	ug/l	99
81) sec-Butylbenzene	11.93	105	1115180	19.780	ug/l	100
82) p-Isopropyltoluene	12.05	119	1061844	19.983	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	534854	19.351	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	555875	20.153	ug/l	99
85) n-Butylbenzene	12.37	91	935505	19.752	ug/l	100
86) Hexachloroethane	12.58	117	175477	17.086	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	516876	19.168	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	85339	17.457	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	414333	19.074	ug/l	98
90) Hexachlorobutadiene	13.77	225	192397	16.813	ug/l	97
91) Naphthalene	13.82	128	1203243	19.129	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	402392	18.647	ug/l	99

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ClientSampleId :
VSTDCCC020

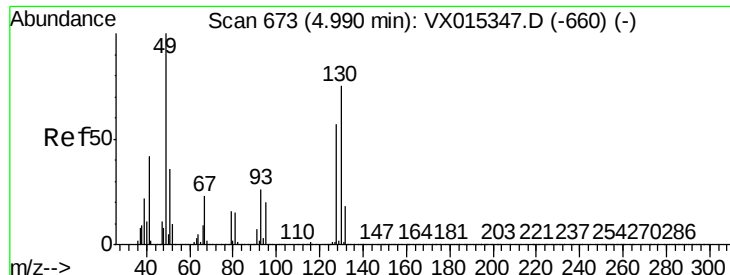
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QLast Update : Thu Mar 26 02:31:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

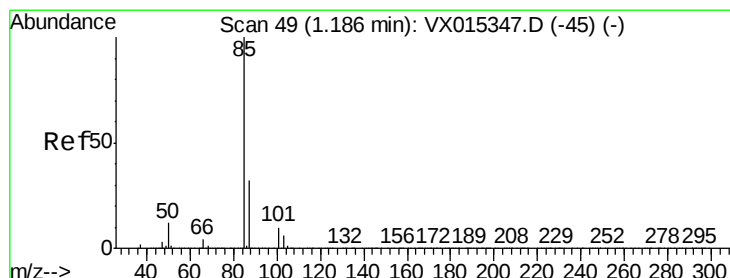
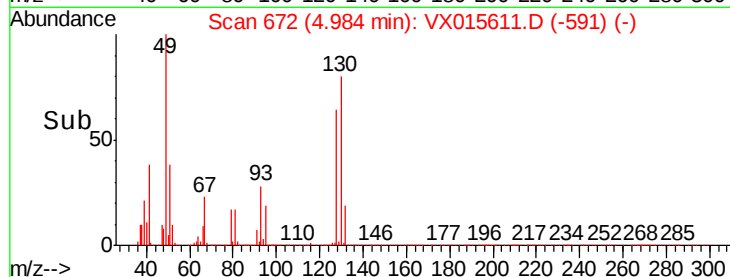
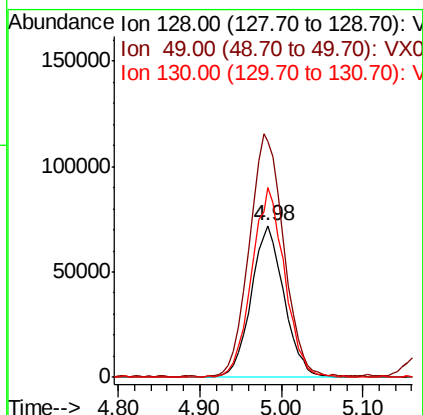
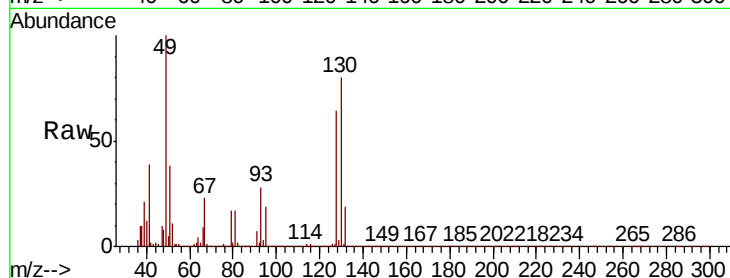
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	201664
Ion Ratio	Lower	Upper	
128	100		
49	167.7	0.0	428.0
130	125.4	0.0	324.5

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#2

Dichlorodifluoromethane

Concen: 17.500 ug/l

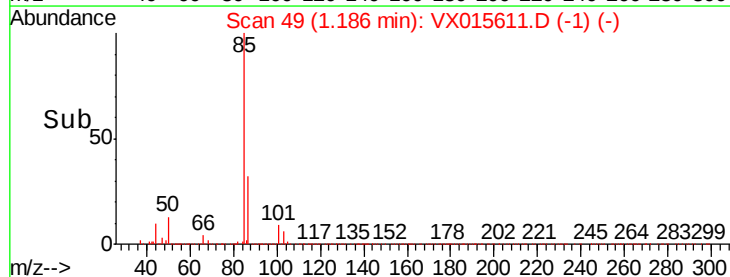
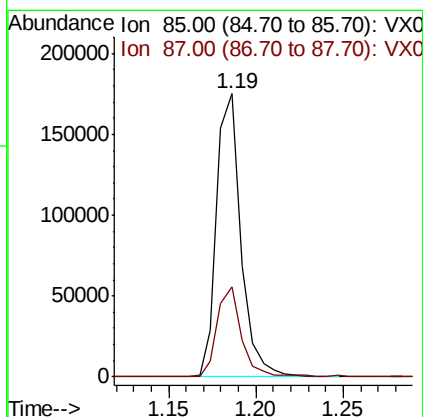
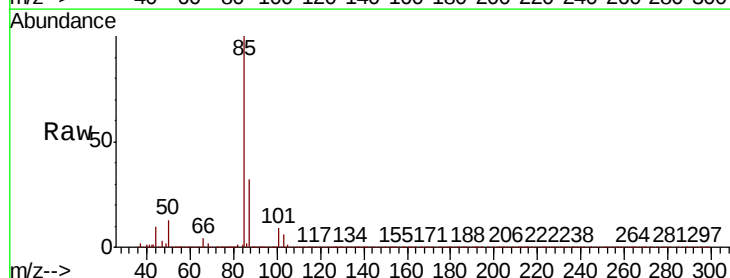
RT: 1.19 min Scan# 49

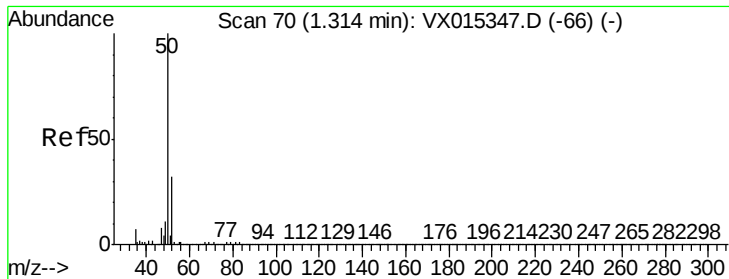
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	85	Resp:	168529
Ion Ratio	Lower	Upper	
85	100		
87	31.6	16.3	48.9





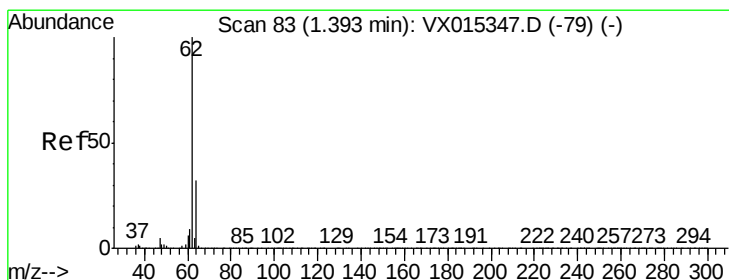
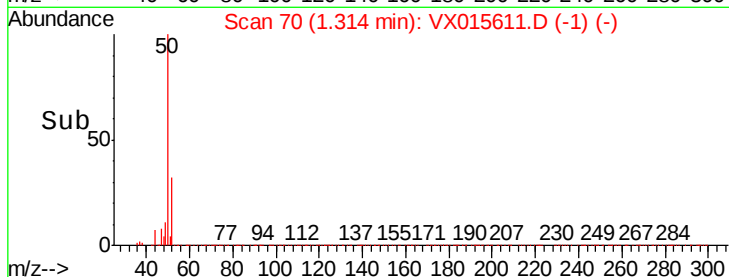
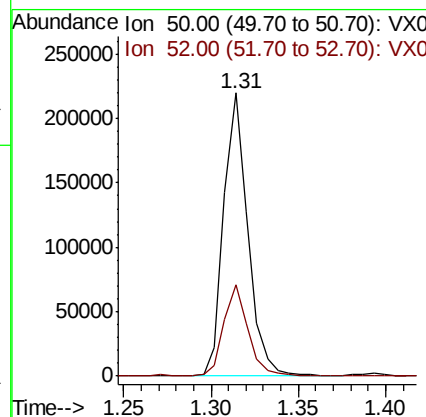
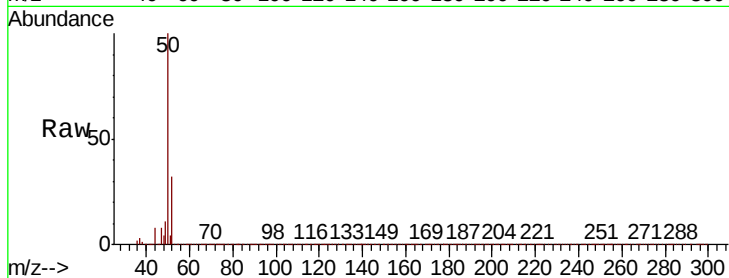
#3
Chloromethane
Concen: 17.629 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.5	38.3

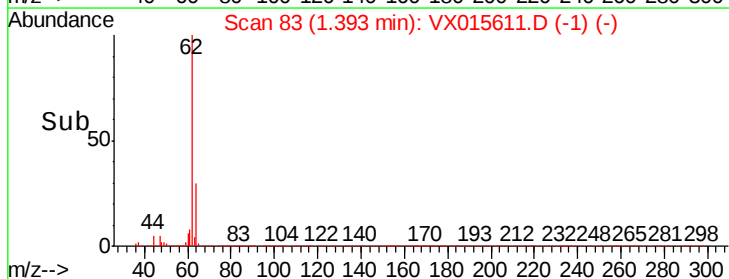
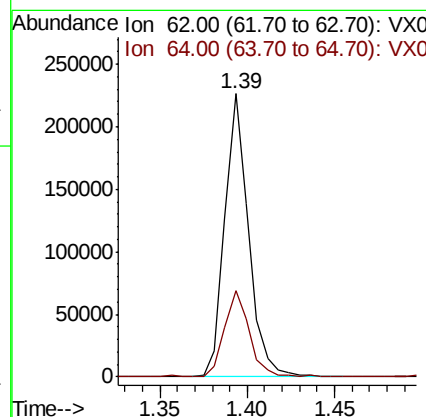
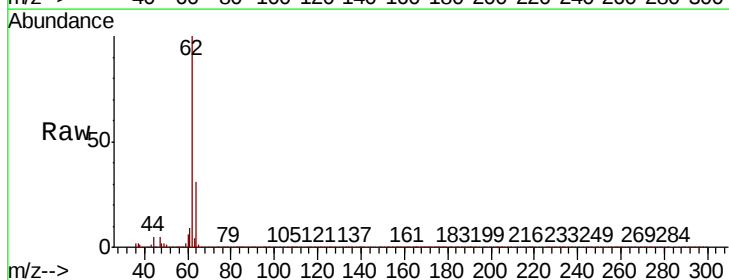
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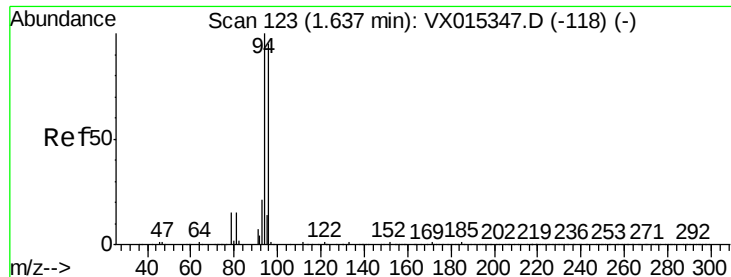
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#4
Vinyl Chloride
Concen: 18.625 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.4	25.4	38.0





#5

Bromomethane

Concen: 21.964 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 133693

Ion Ratio Lower Upper

94 100

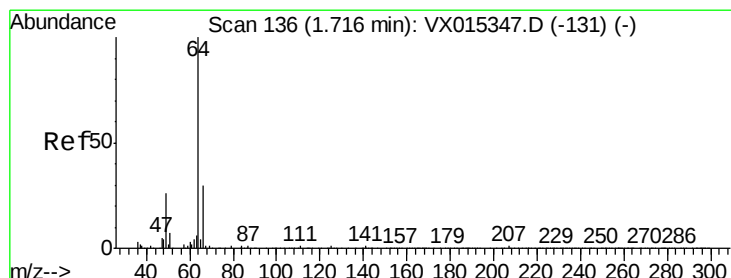
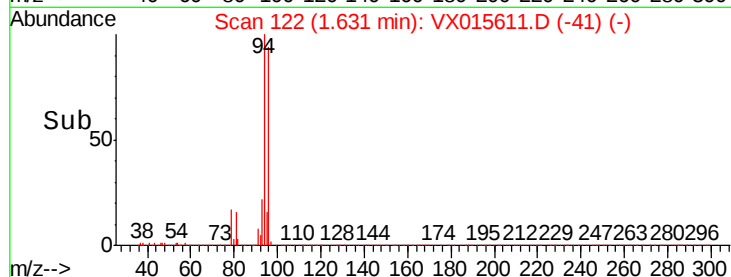
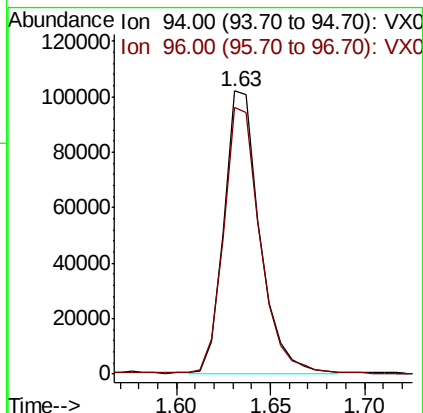
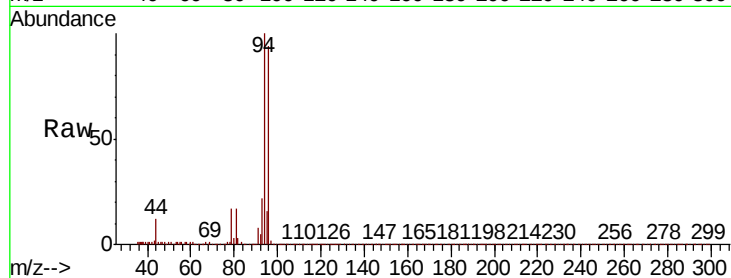
96 94.4 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 19.525 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015611.D

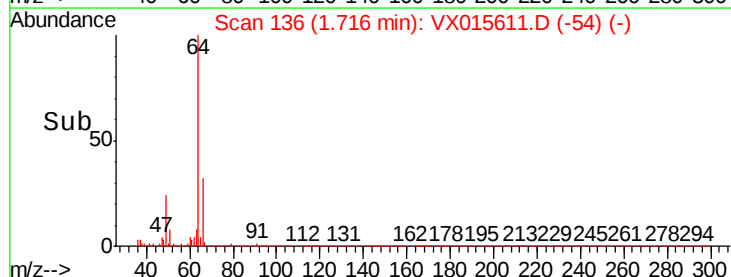
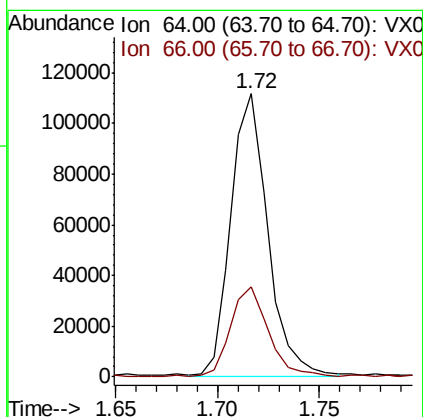
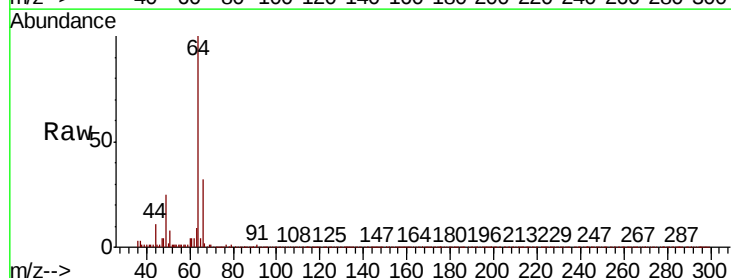
Acq: 10 Apr 2020 11:18

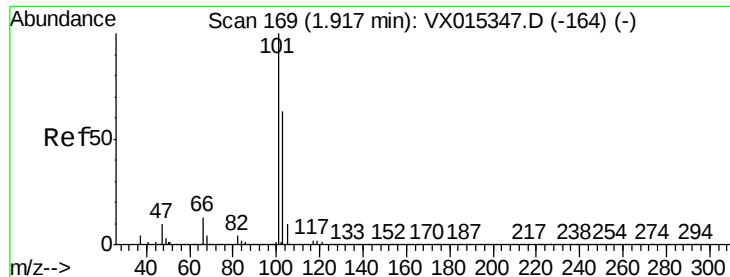
Tgt Ion: 64 Resp: 139278

Ion Ratio Lower Upper

64 100

66 31.8 24.3 36.5





#7

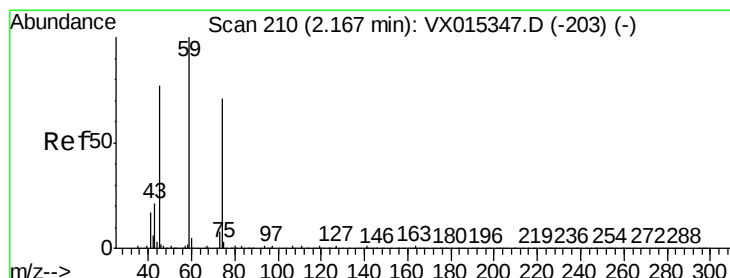
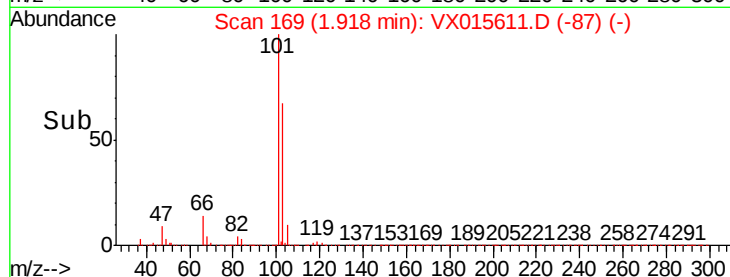
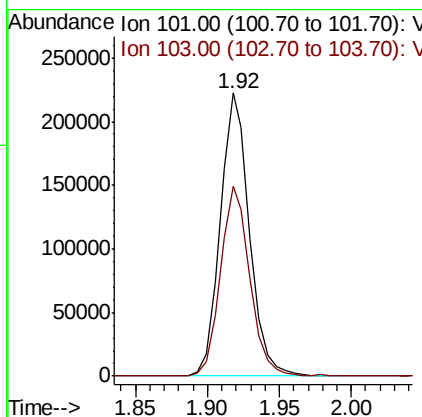
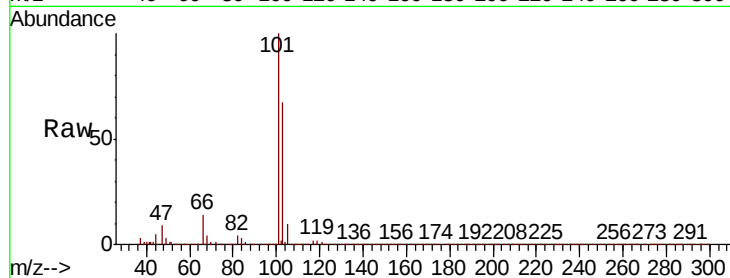
Trichlorofluoromethane
Concen: 19.186 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
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ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	49.9	74.9

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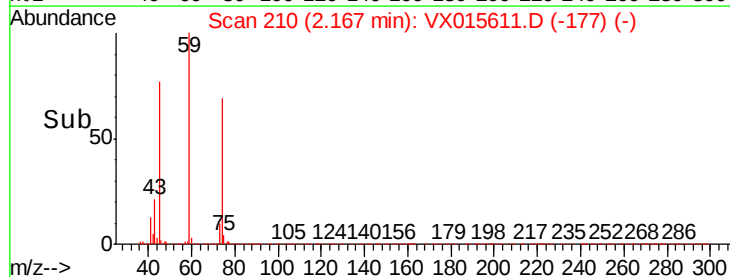
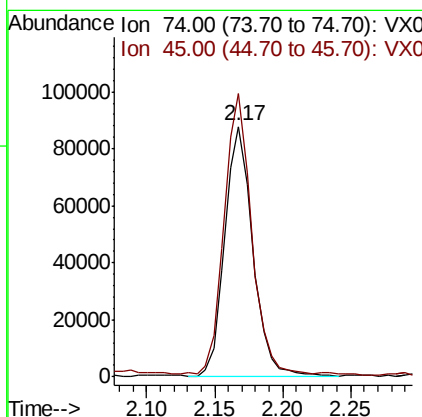
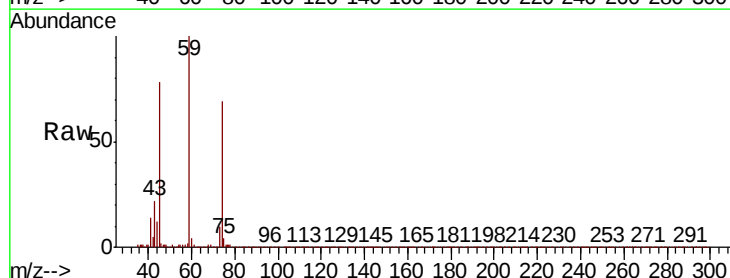
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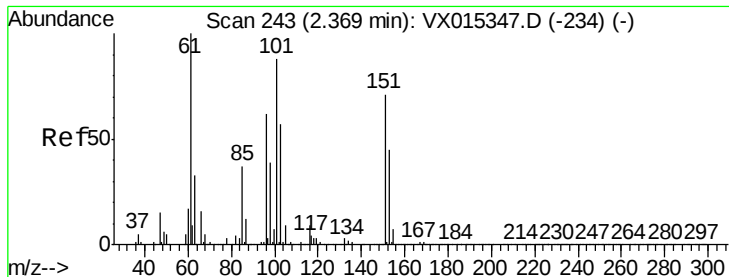


#8

Diethyl Ether
Concen: 19.921 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.962 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

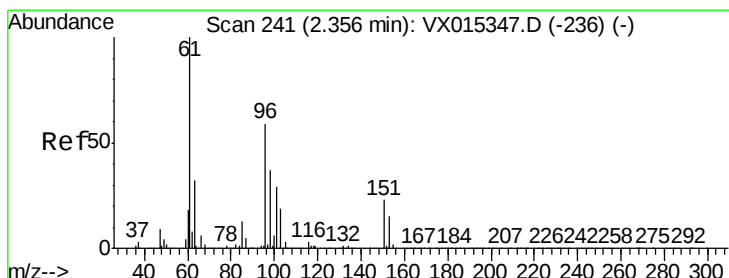
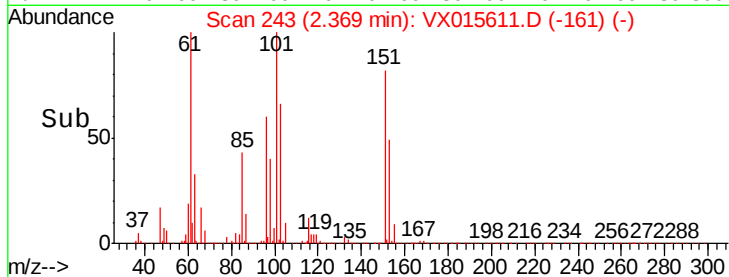
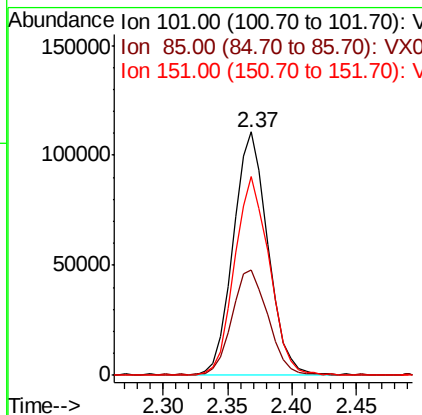
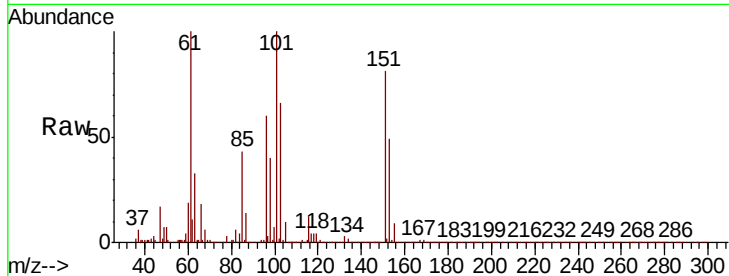
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	204988
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	85.8
151	83.1	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.063 ug/l

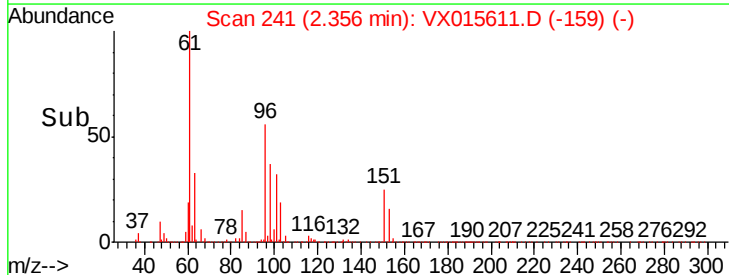
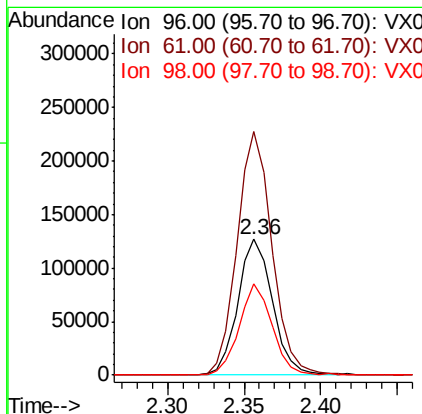
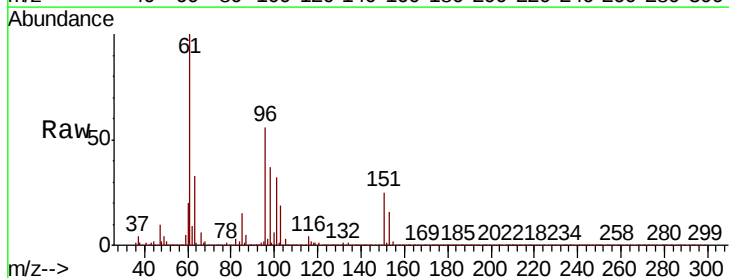
RT: 2.36 min Scan# 241

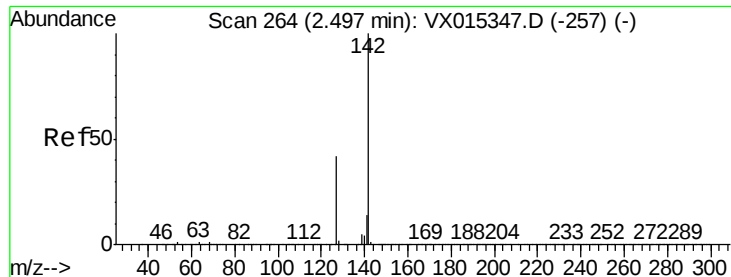
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	96	Resp:	198347
Ion Ratio	Lower	Upper	
96	100		
61	179.2	135.5	203.3
98	66.7	50.2	75.2





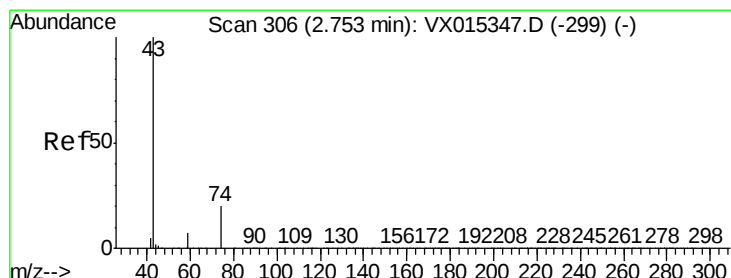
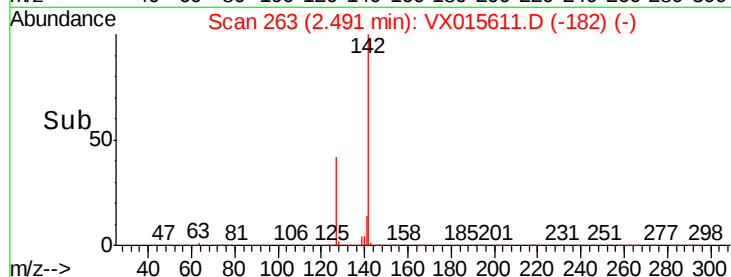
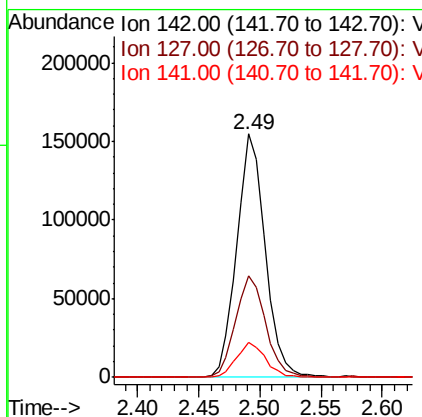
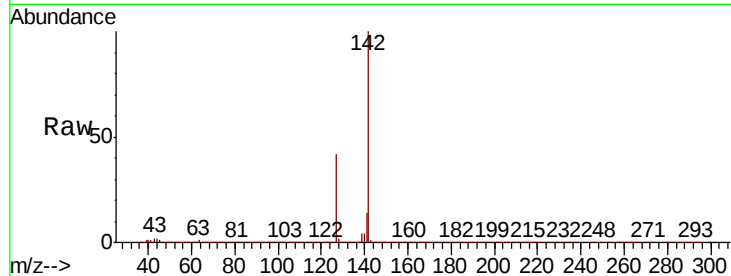
#11
Methvl Iodide
Concen: 17.078 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	142	Resp:	249212
Ion Ratio	Lower	Upper	
142	100		
127	41.9	21.0	63.0
141	13.8	6.9	20.7

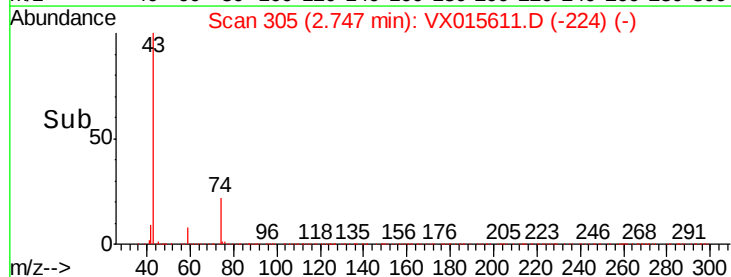
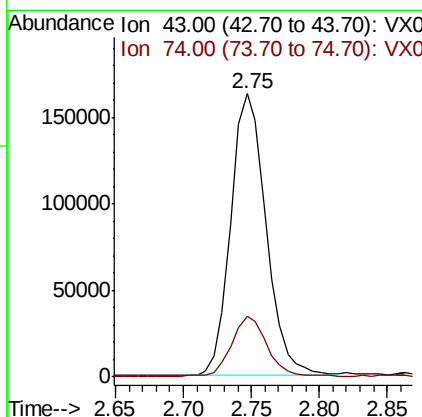
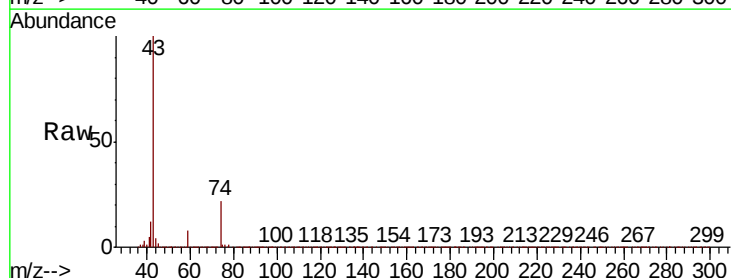
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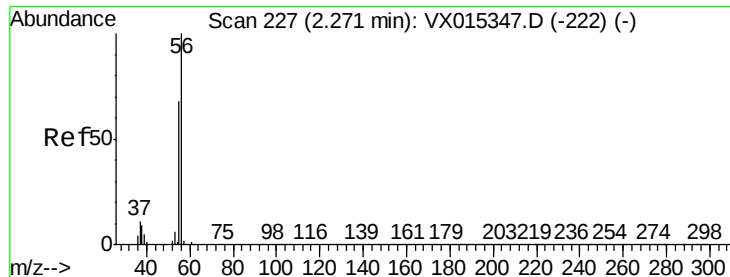
apatel
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#12
Methyl Acetate
Concen: 18.295 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	43	Resp:	293963
Ion Ratio	Lower	Upper	
43	100		
74	21.3	15.8	23.6





#13

Acrolein

Concen: 108.721 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 227254

Ion Ratio Lower Upper

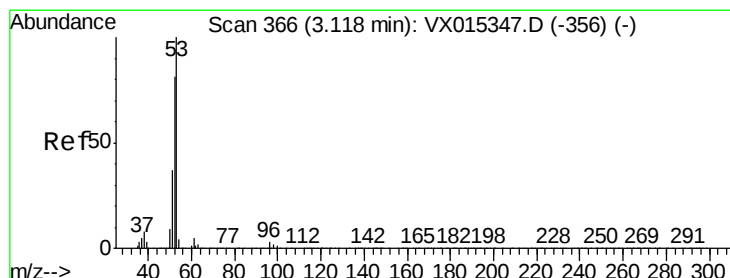
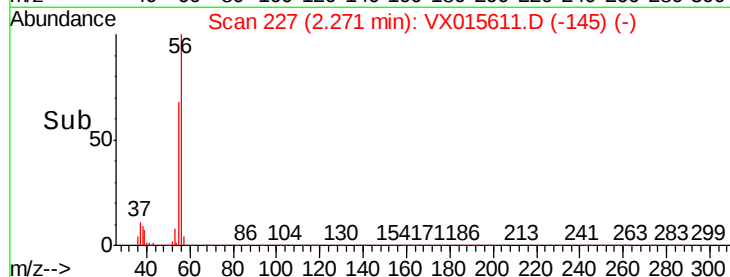
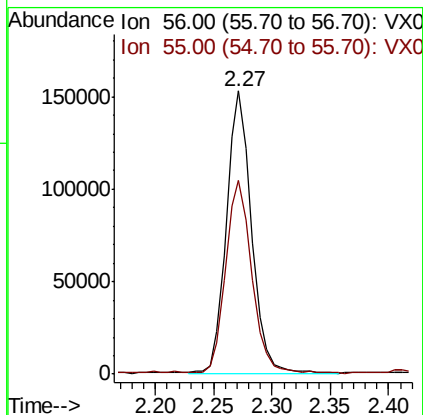
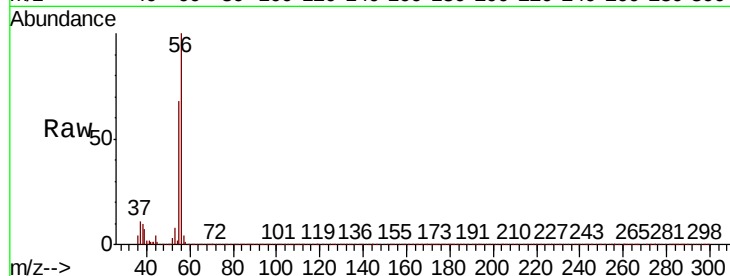
56 100

55 70.7 53.5 80.3

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#14

Acrylonitrile

Concen: 92.164 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

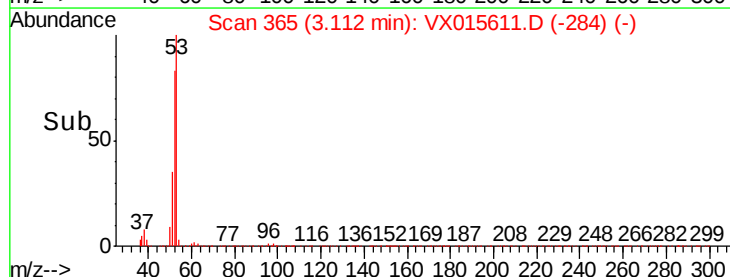
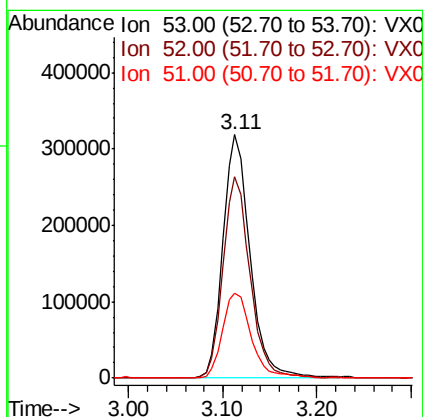
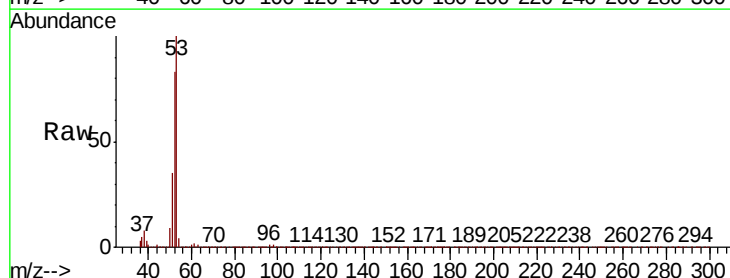
Tgt Ion: 53 Resp: 633991

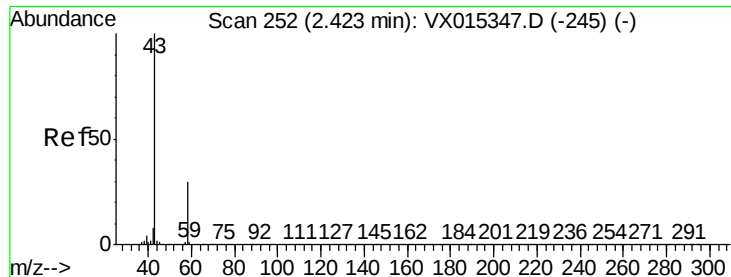
Ion Ratio Lower Upper

53 100

52 82.8 41.0 123.2

51 37.0 18.4 55.4





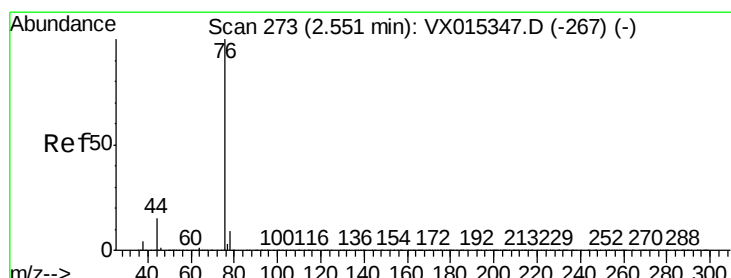
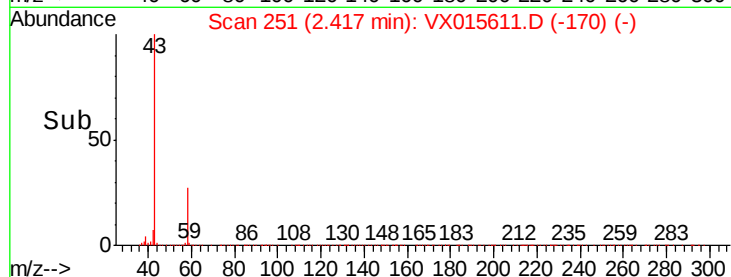
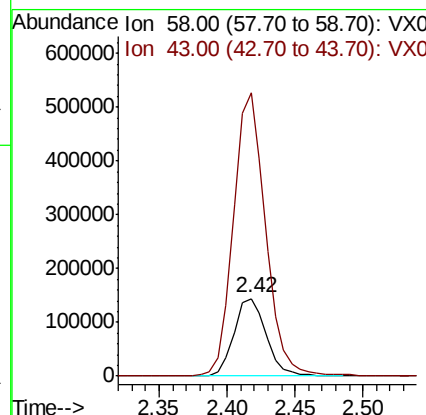
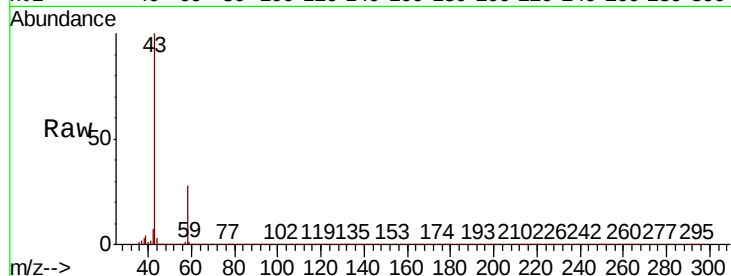
#15
Acetone
Concen: 135.390 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
58	100		
43	363.2	267.8	401.8

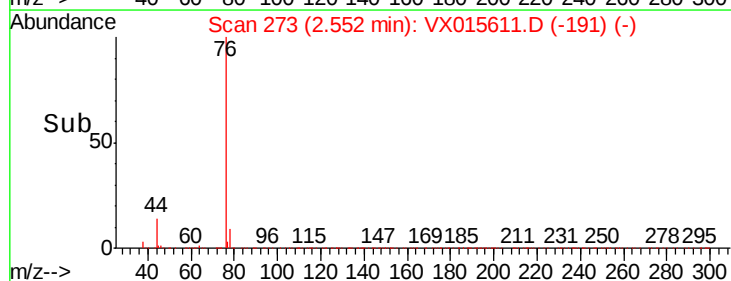
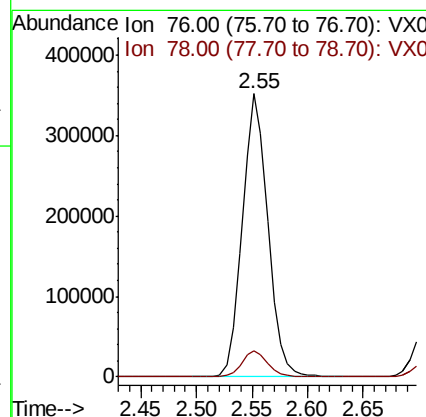
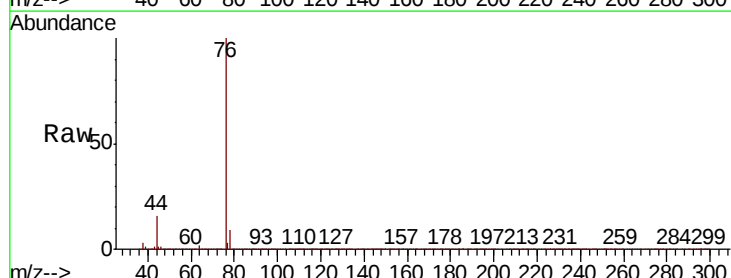
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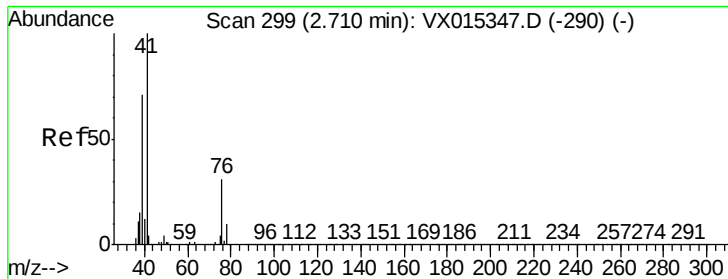
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#16
Carbon Disulfide
Concen: 17.312 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2





#17

Allvl chloride

Concen: 17.694 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

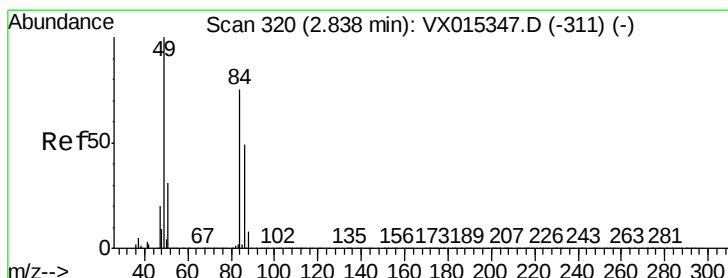
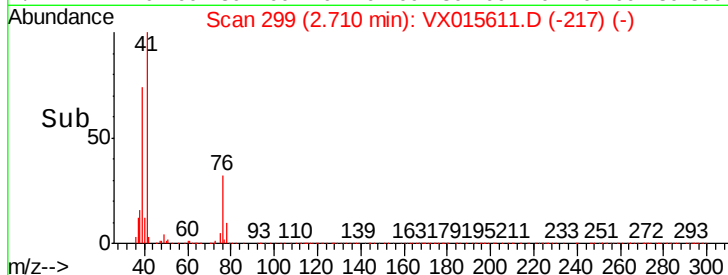
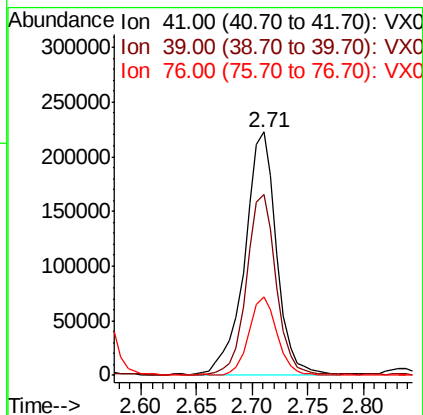
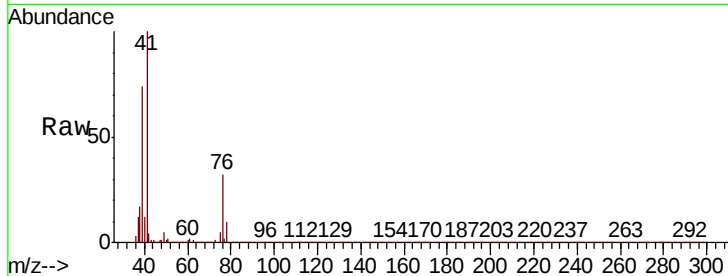
ClientSampleId :

VSTDCCC020

Tot Ion:	41	Resp:	438659
Ion Ratio	Lower	Upper	
41	100		
39	74.4	35.6	106.8
76	32.3	15.4	46.4

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#18

Methylene Chloride

Concen: 18.915 ug/l

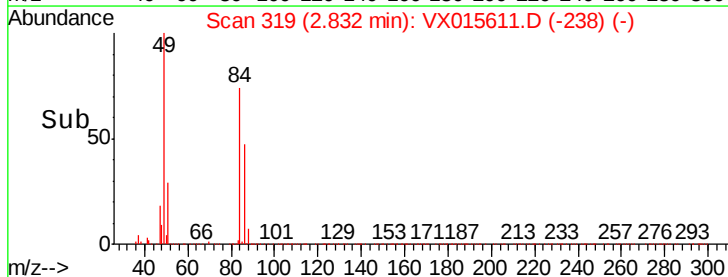
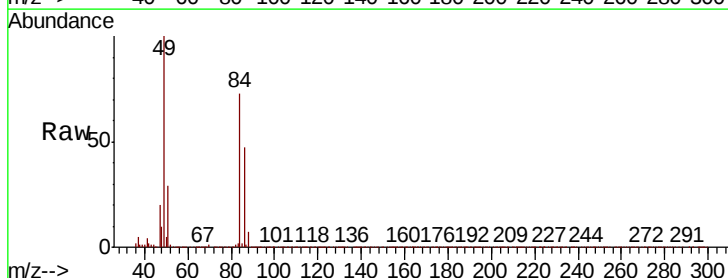
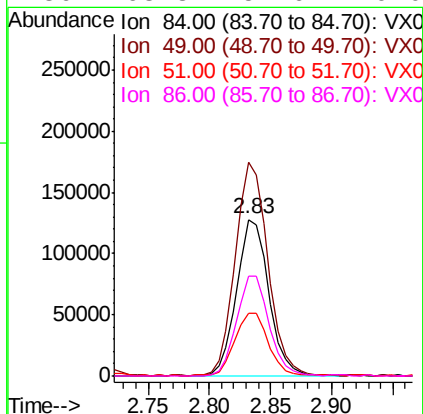
RT: 2.83 min Scan# 319

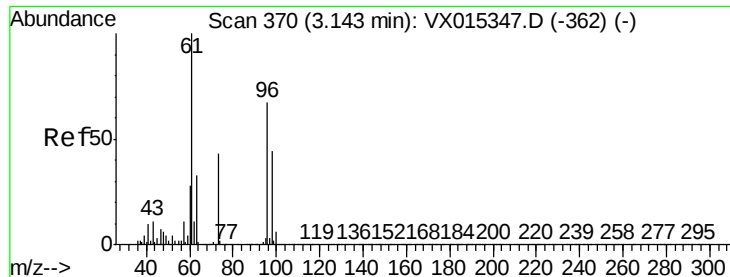
Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	84	Resp:	233196
Ion Ratio	Lower	Upper	
84	100		
49	136.1	107.0	160.4
51	39.6	33.4	50.0
86	63.3	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

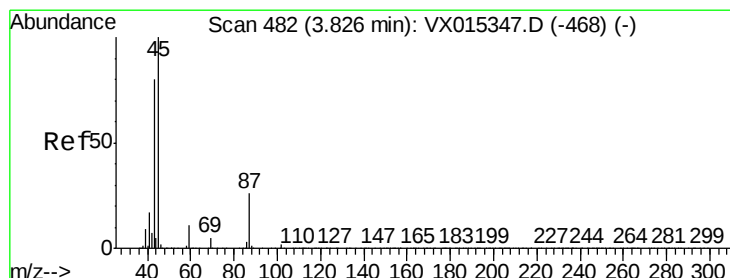
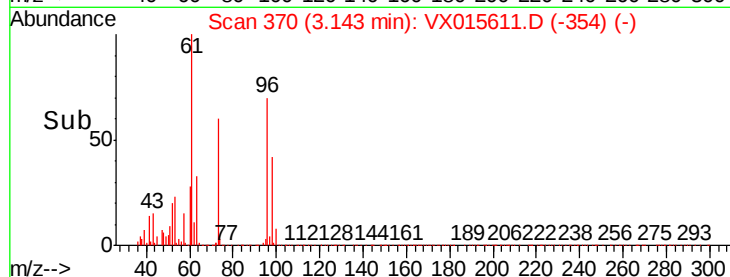
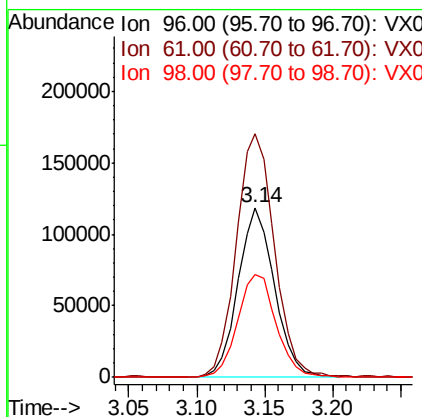
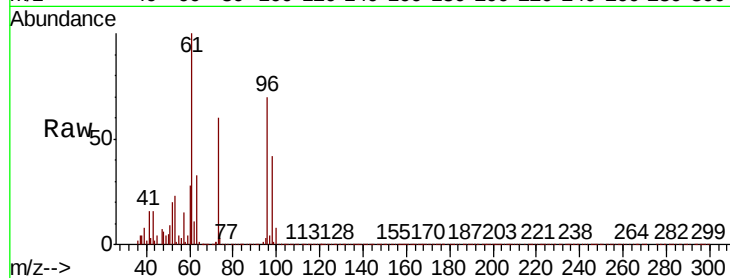
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	222199
Ion	Ratio	Lower	Upper
96	100		
61	143.4	118.2	177.2
98	60.2	51.9	77.9

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#20

Diisopropyl ether

Concen: 18.983 ug/l

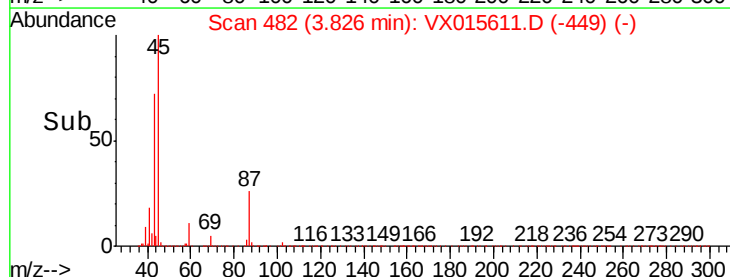
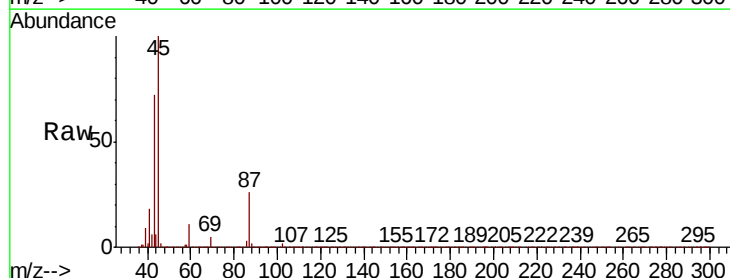
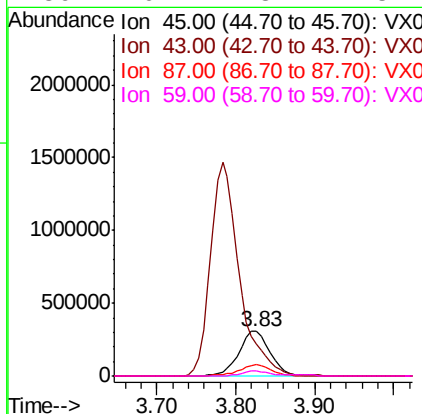
RT: 3.83 min Scan# 482

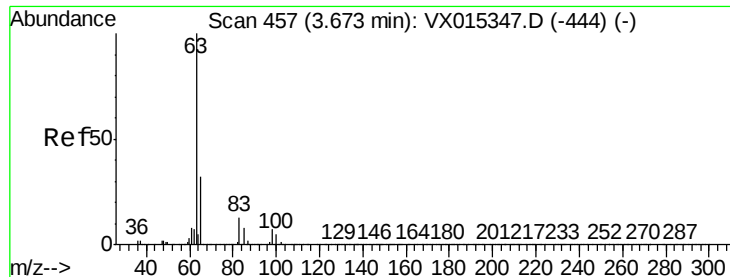
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	45	Resp:	844080
Ion	Ratio	Lower	Upper
45	100		
43	70.4	64.4	96.6
87	25.4	20.4	30.6
59	10.7	8.7	13.1





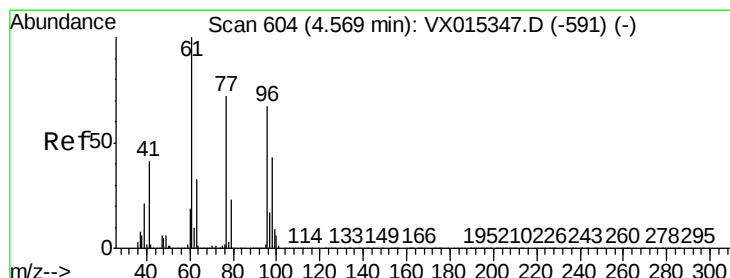
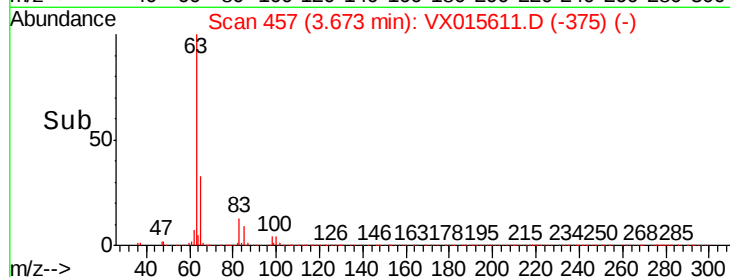
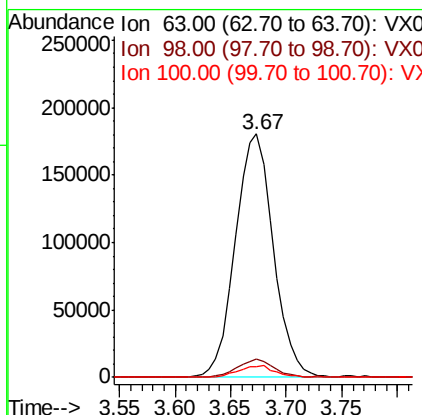
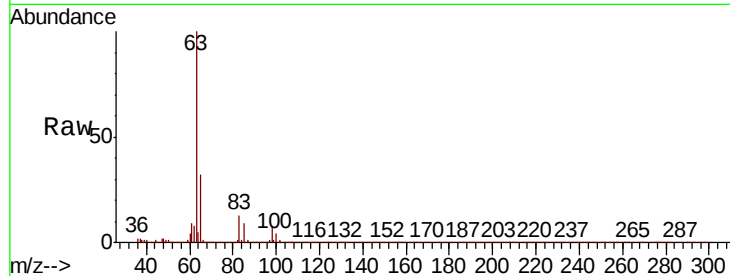
#21
1,1-Dichloroethane
Concen: 18.772 ug/l
RT: 3.67 min Scan# 457
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	7.5	3.3	9.9	
100	4.2	2.3	6.8	

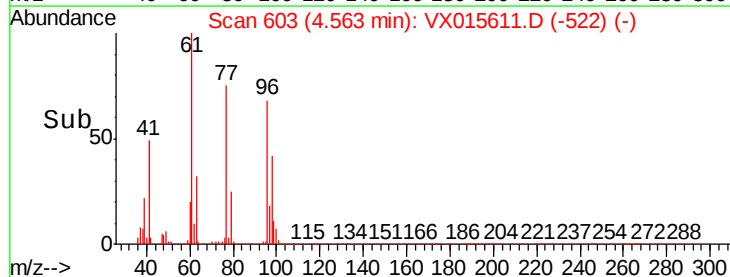
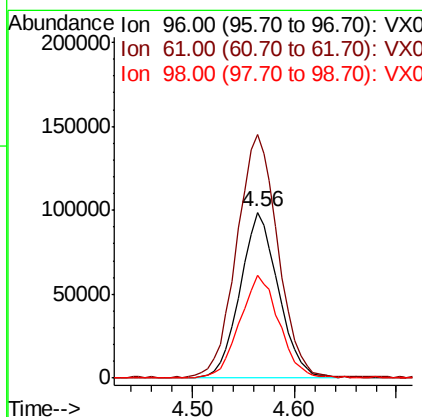
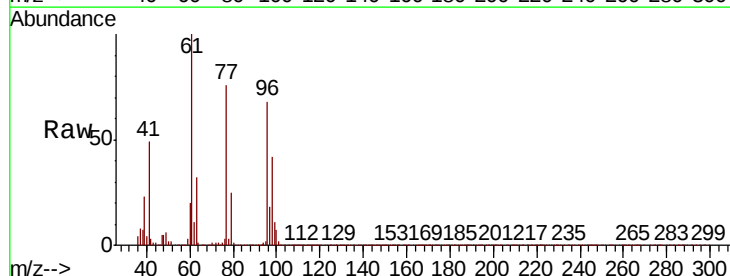
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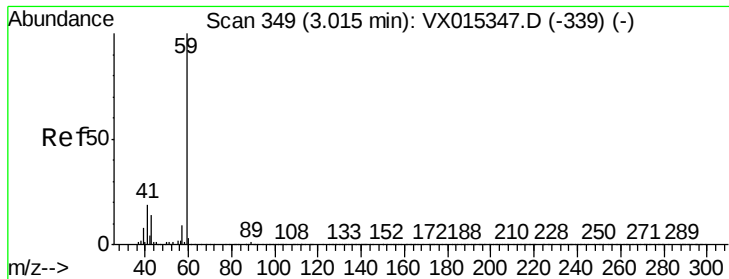
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#22
cis-1,2-Dichloroethene
Concen: 18.691 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.3	127.2	190.8	
98	63.9	51.8	77.6	





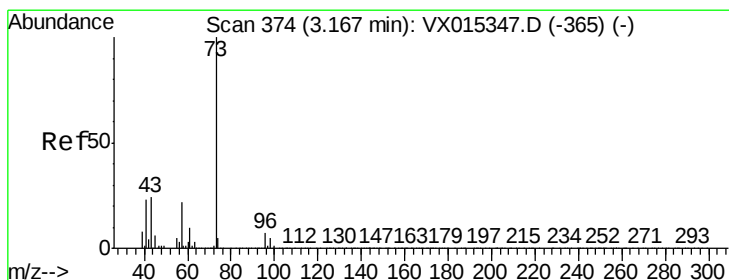
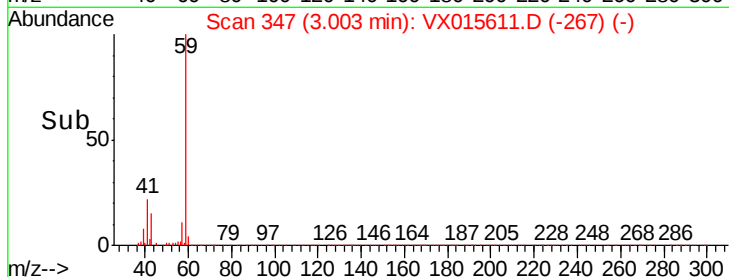
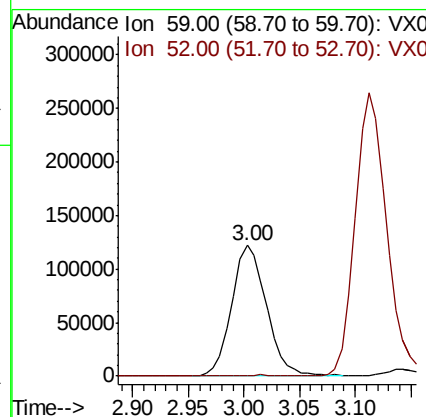
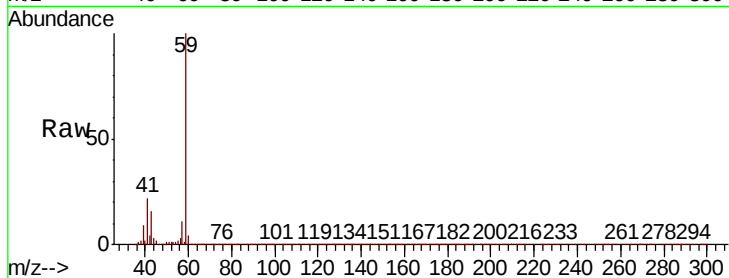
#23
 tert-Butyl Alcohol
 Concen: 77.514 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

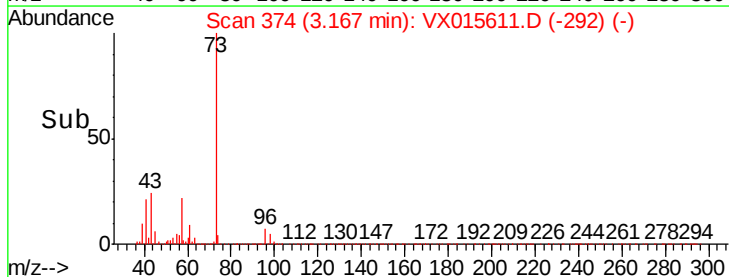
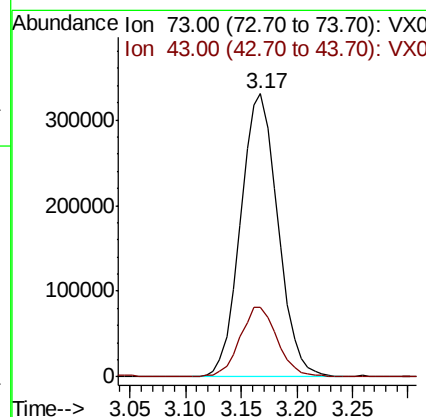
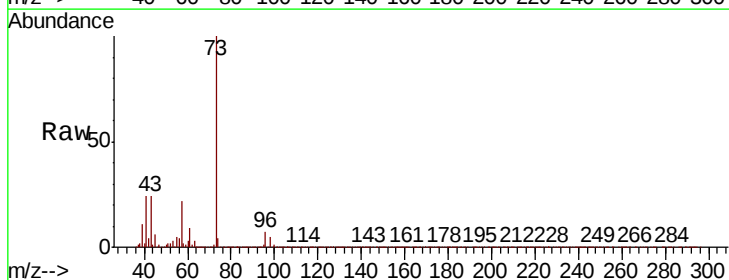
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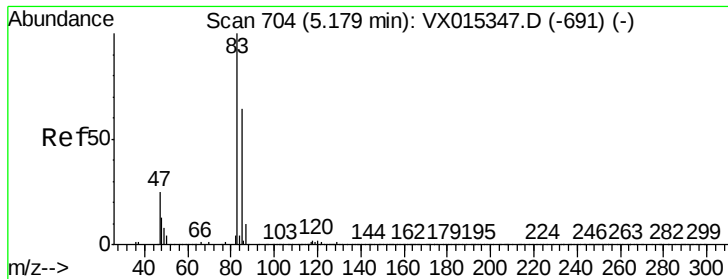
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#24
 Methyl tert-Butyl Ether
 Concen: 18.880 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.2	19.2	28.8





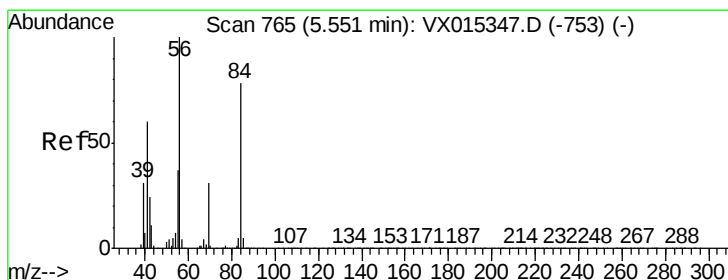
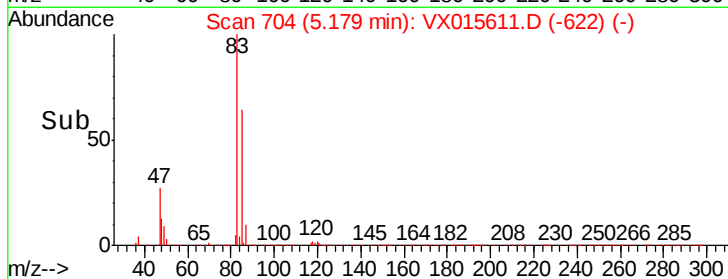
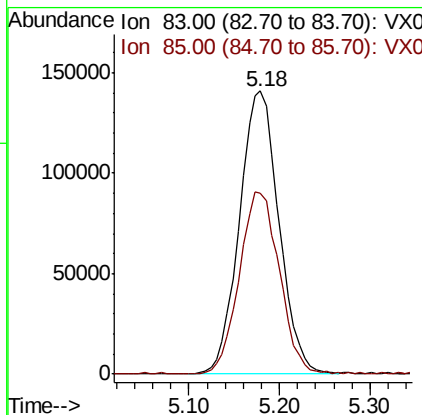
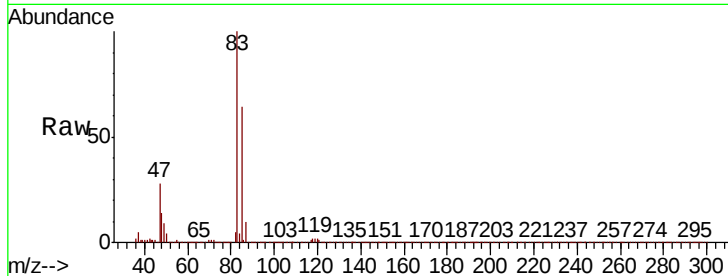
#25
Chloroform
Concen: 18.902 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7

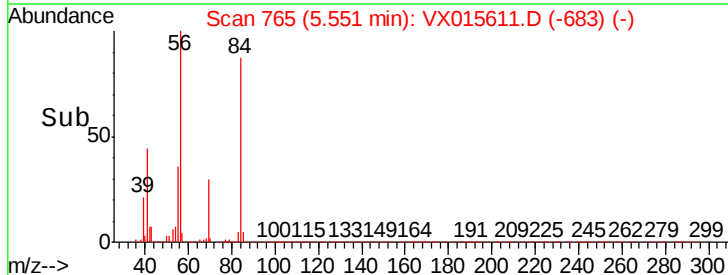
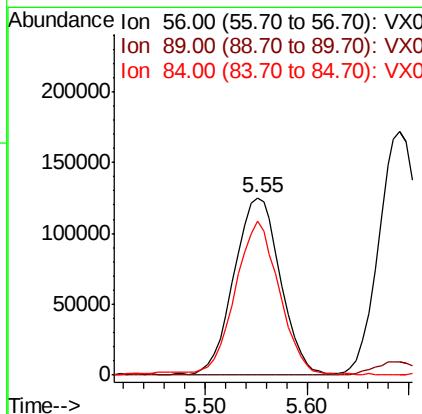
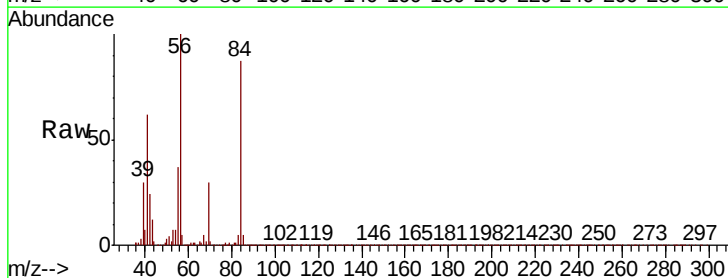
Manual Integrations
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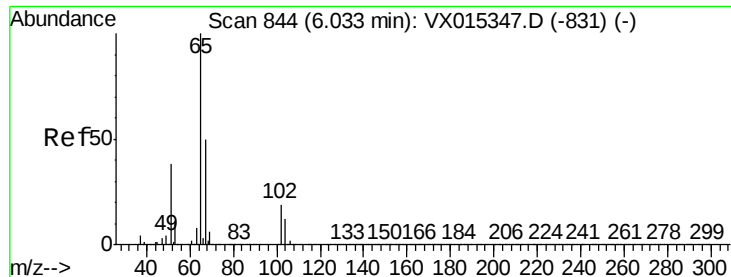
apatel
4/13/2020 1:23:54 PM



#26
Cyclohexane
Concen: 18.061 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	82.0	66.1	99.1





#27

1,2-Dichloroethane-d4

Concen: 30.038 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 473359

Ion Ratio Lower Upper

65 100

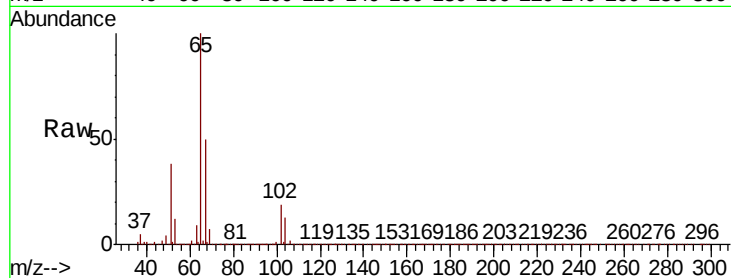
67 50.3 40.9 61.3

Manual Integrations

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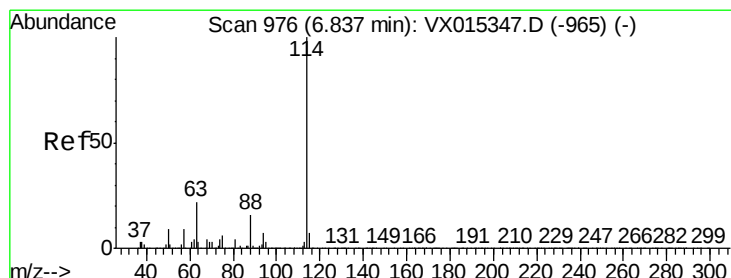
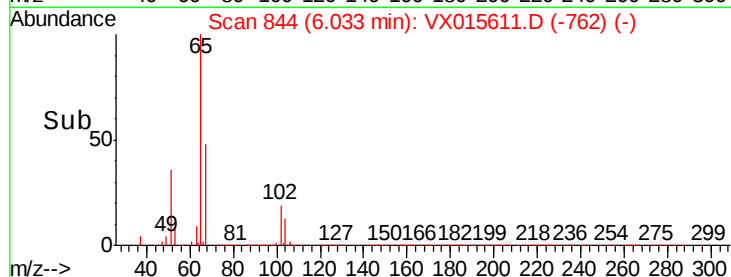
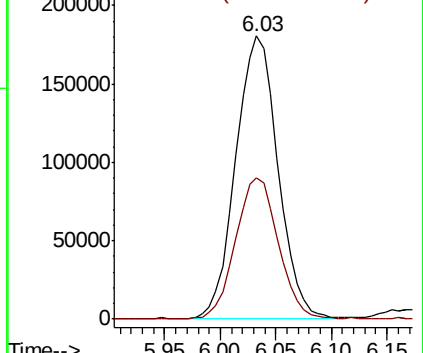
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

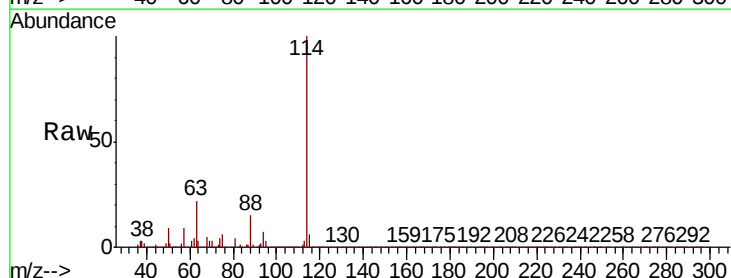
Tgt Ion: 114 Resp: 1104275

Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.2

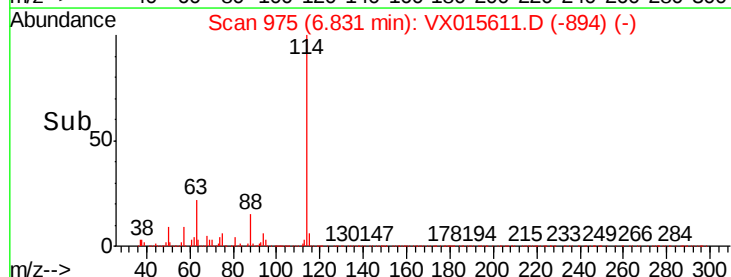
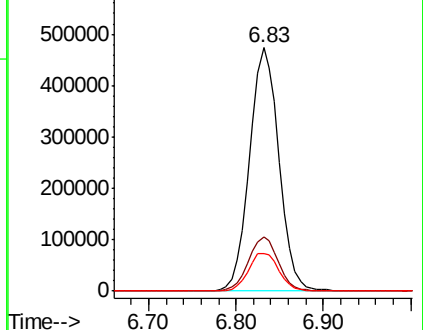
88 16.1 12.9 19.3

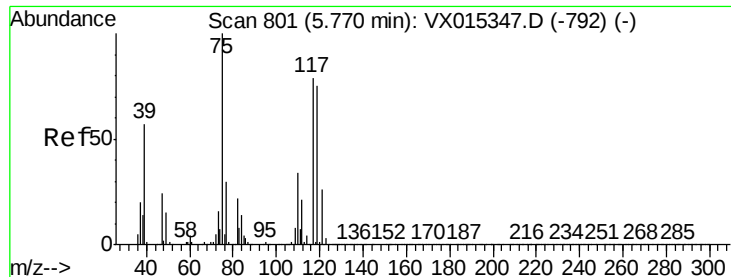


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





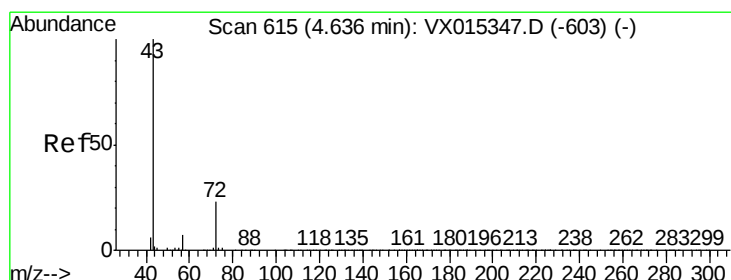
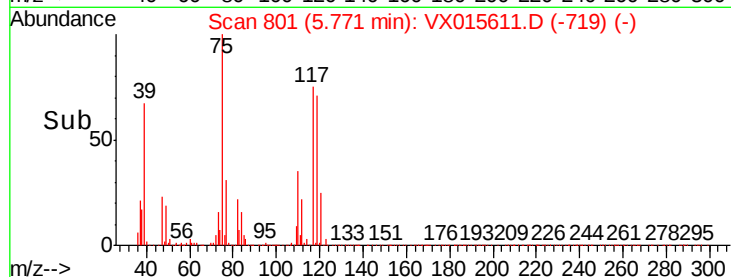
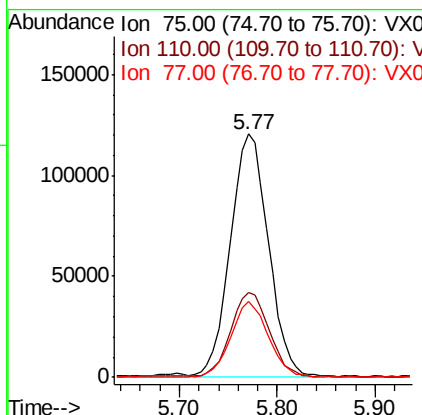
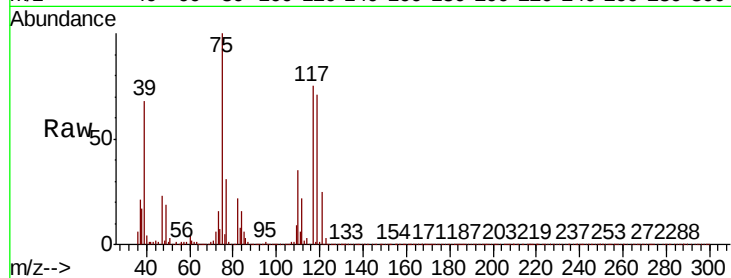
#29
 1,1-Dichloropropene
 Concen: 19.466 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	322960
Ion Ratio	Lower	Upper	
75	100		
110	35.4	0.0	71.2
77	30.2	0.0	62.2

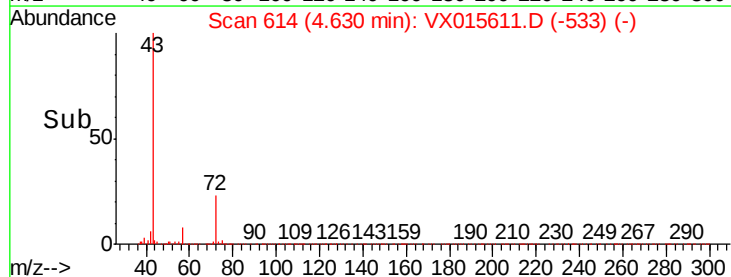
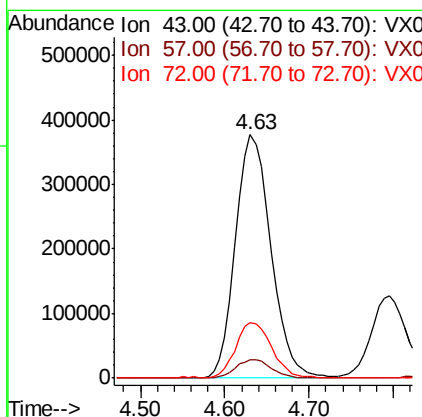
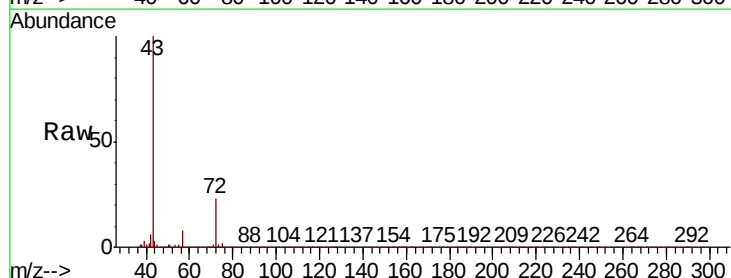
Manual Integrations
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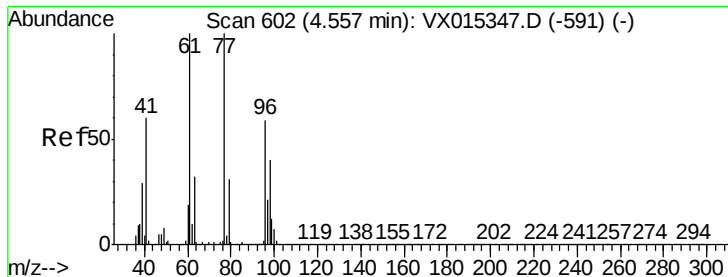
apatel
 4/13/2020 1:23:54 PM



#30
 2-Butanone
 Concen: 107.325 ug/l
 RT: 4.63 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion:	43	Resp:	1067406
Ion Ratio	Lower	Upper	
43	100		
57	7.4	5.9	8.9
72	22.7	18.6	27.8





#31

2,2-Dichloropropane

Concen: 19.659 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 392493

Ion Ratio Lower Upper

77 100

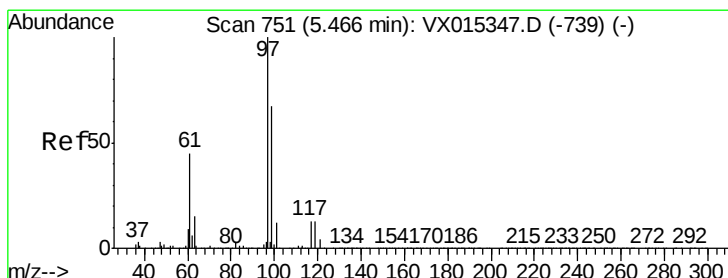
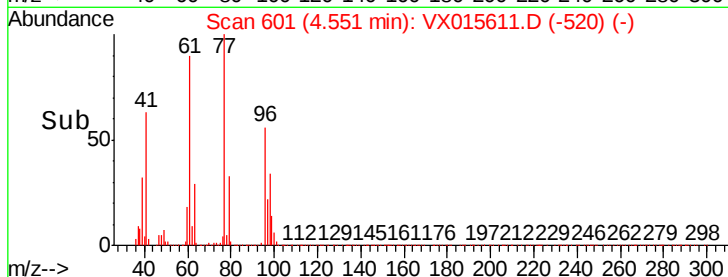
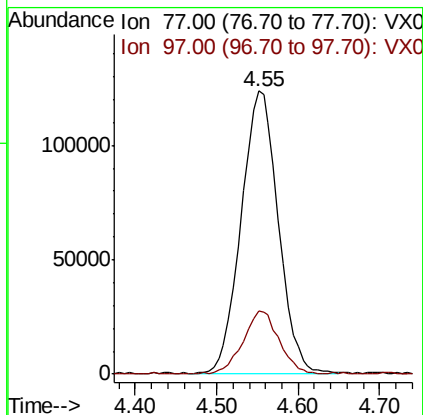
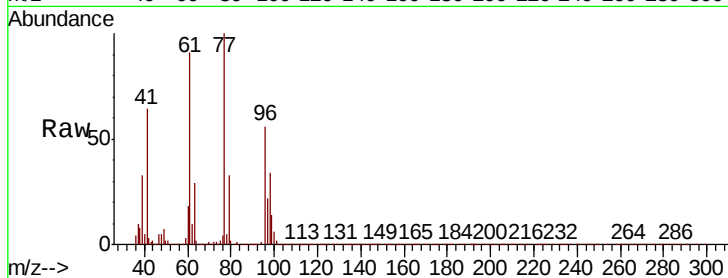
97 21.1 17.8 26.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.021 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

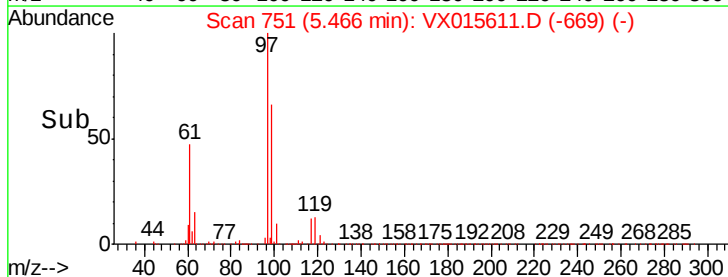
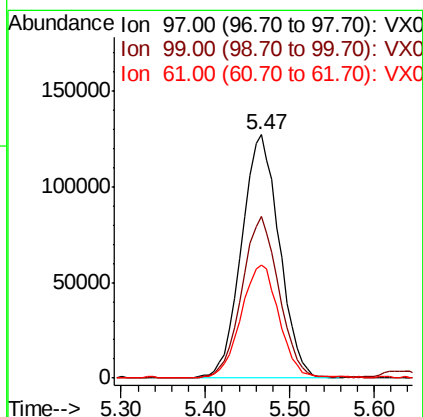
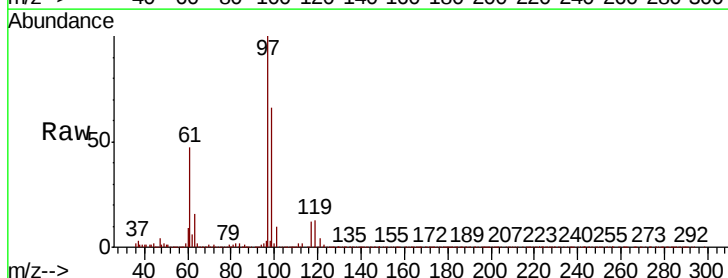
Tgt Ion: 97 Resp: 385023

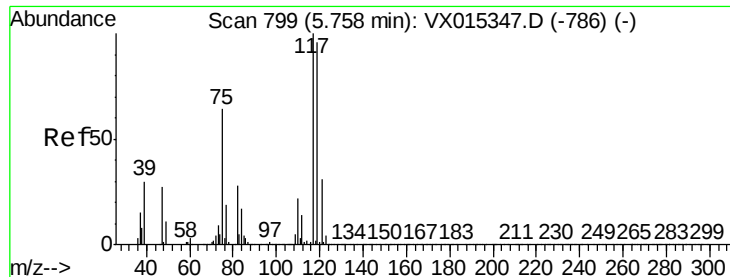
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 47.0 35.8 53.8





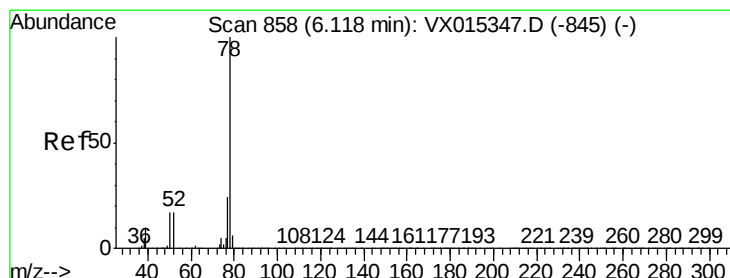
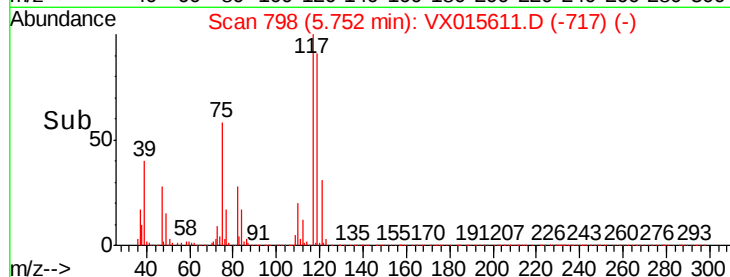
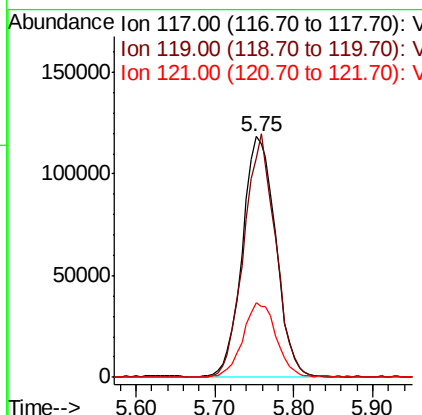
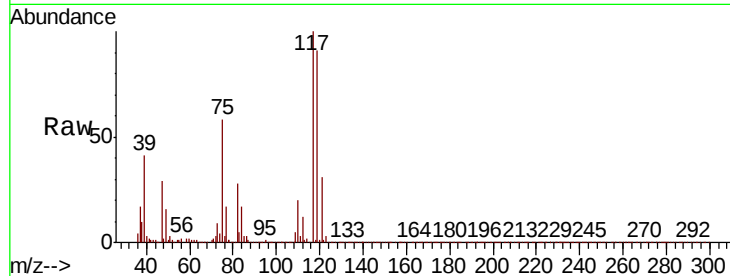
#33
Carbon Tetrachloride
Concen: 18.873 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.6	114.8
121	30.6	25.0	37.4

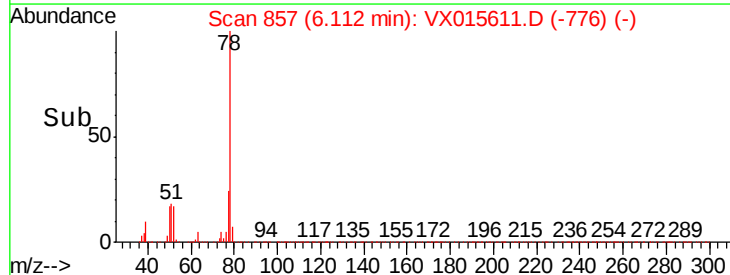
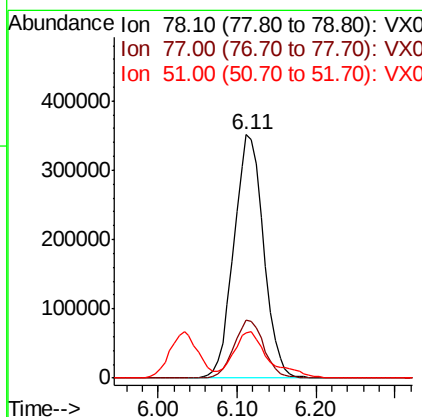
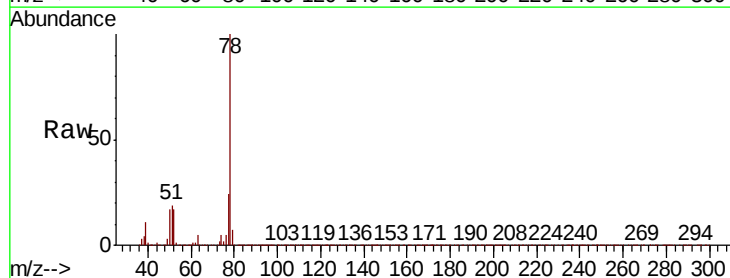
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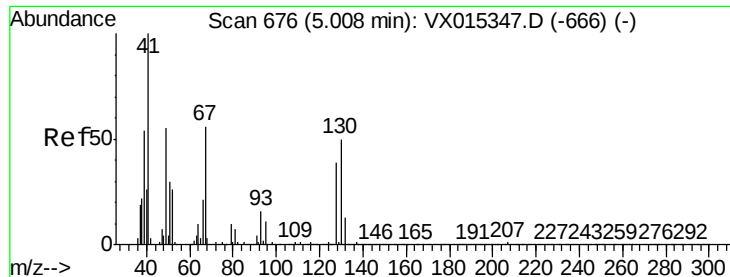
apatel
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#34
Benzene
Concen: 19.245 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2
51	18.4	14.6	21.8





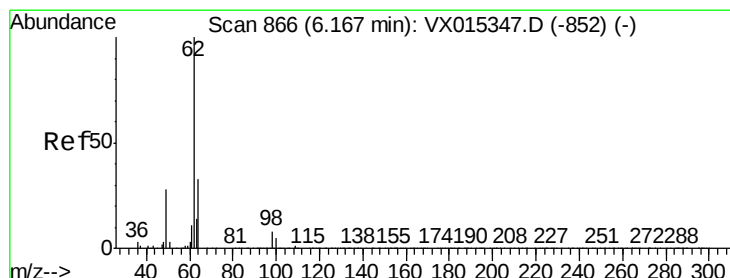
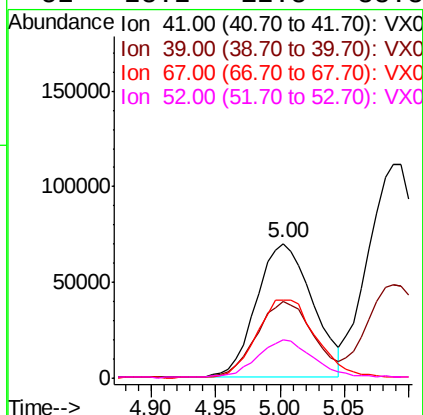
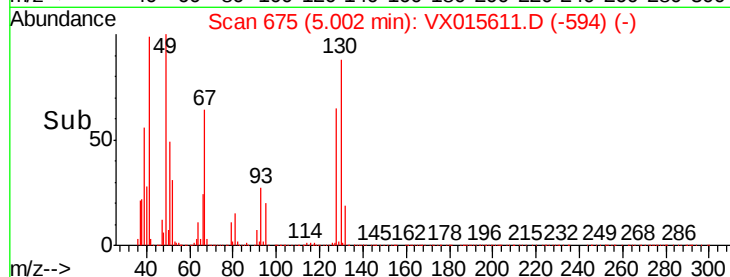
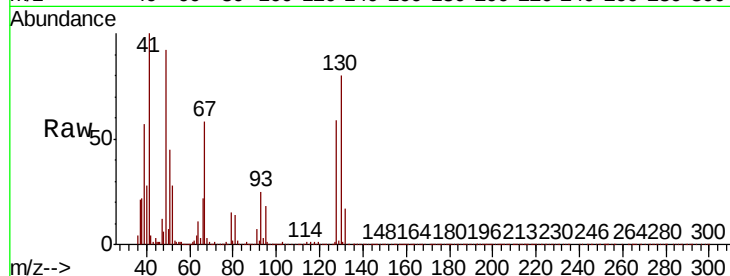
#35
Methacrylonitrile
Concen: 18.650 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	27.0	81.0	
67	57.8	28.2	84.6	
52	28.2	12.8	38.3	

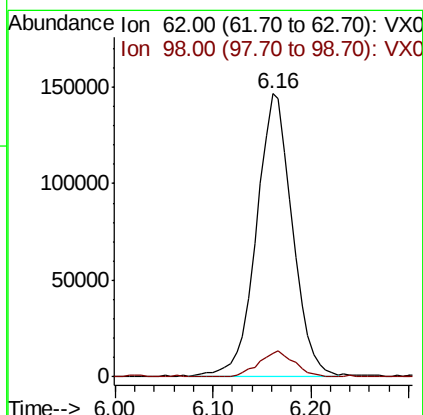
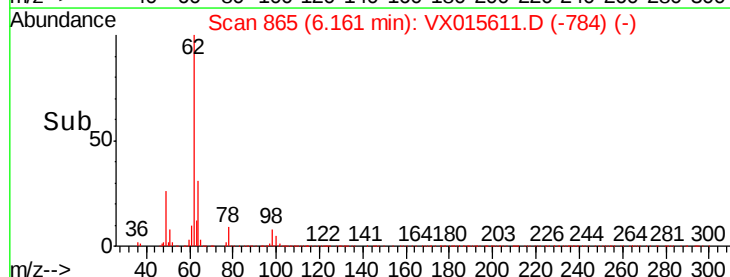
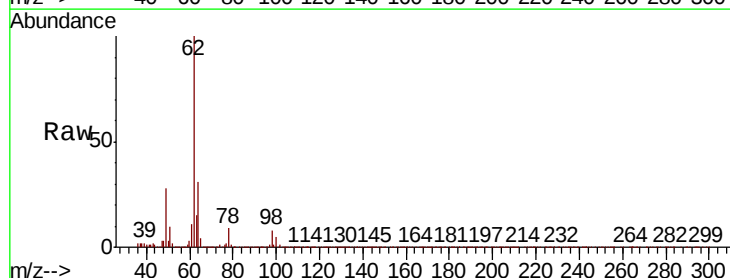
Manual Integrations
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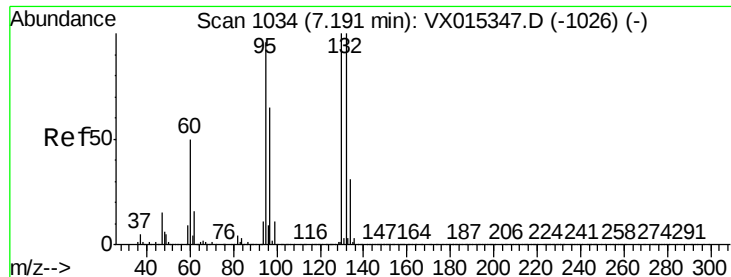
apatel
4/13/2020 1:23:54 PM



#36
1,2-Dichloroethane
Concen: 20.201 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	6.9	10.3	





#37

Trichloroethene

Concen: 19.249 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 259158

Ion Ratio Lower Upper

130 100

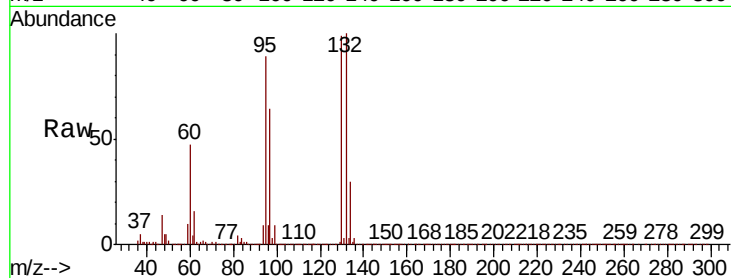
95 89.8 76.4 114.6

Manual Integrations

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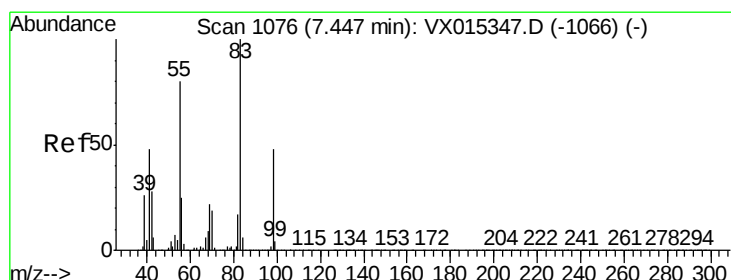
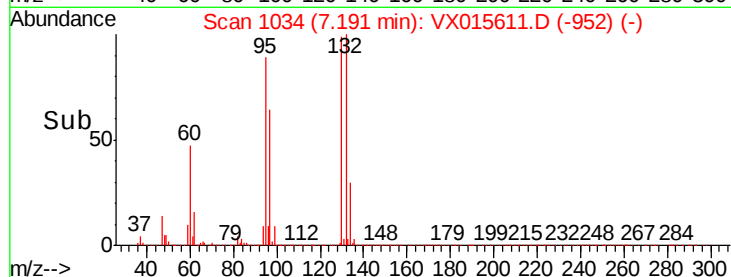
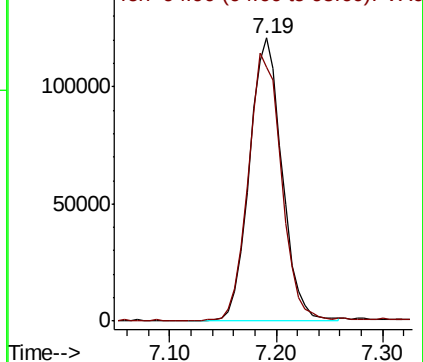
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.008 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

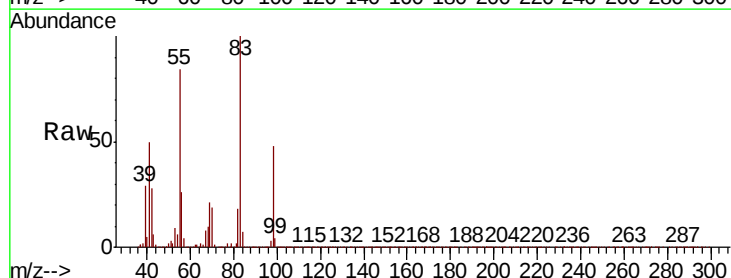
Tgt Ion: 83 Resp: 386599

Ion Ratio Lower Upper

83 100

55 83.2 41.3 124.1

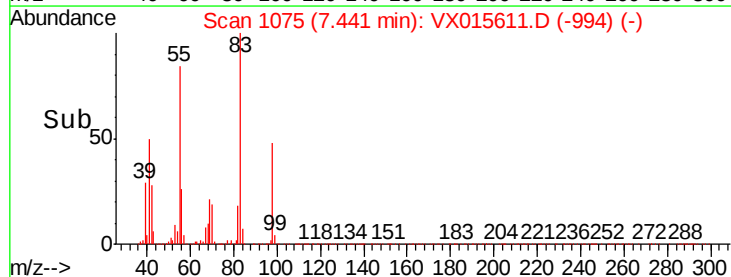
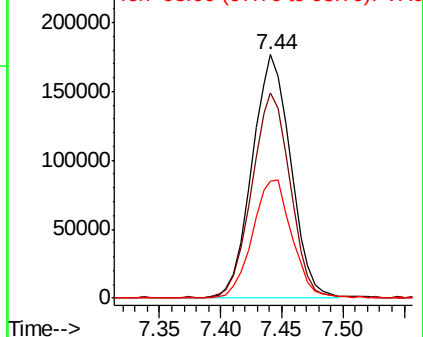
98 49.4 24.0 72.0

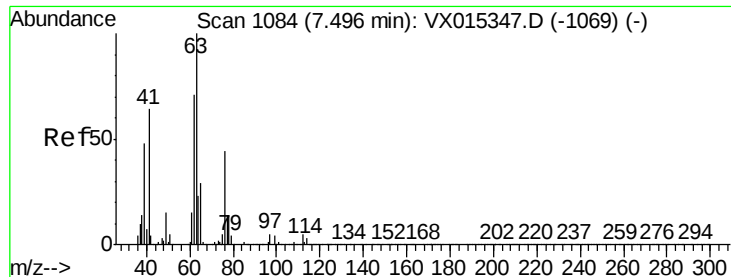


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





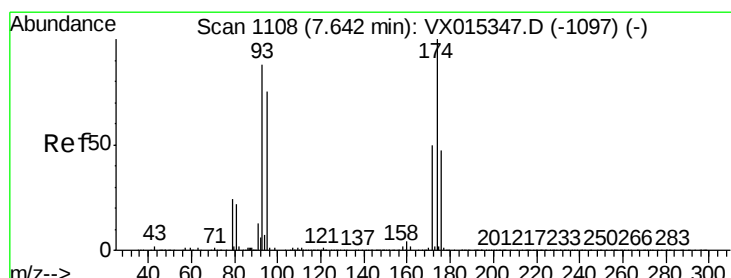
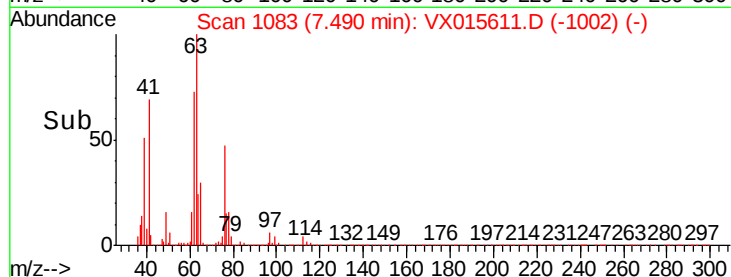
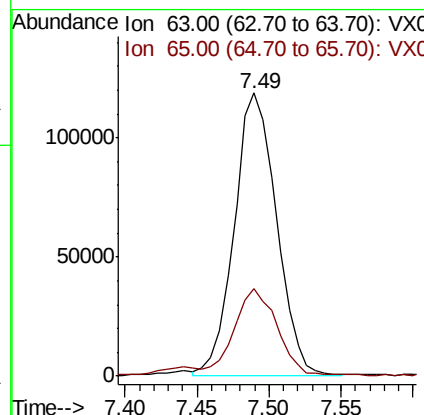
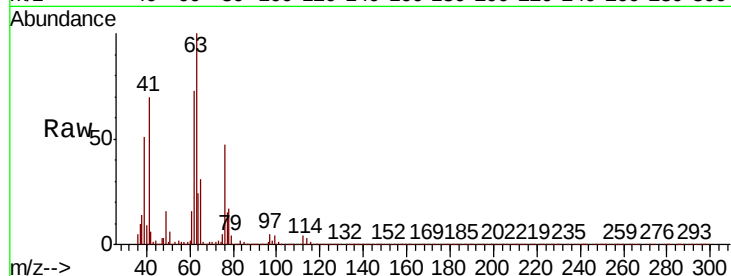
#39
 1,2-Dichloropropane
 Concen: 18.814 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.0	34.4

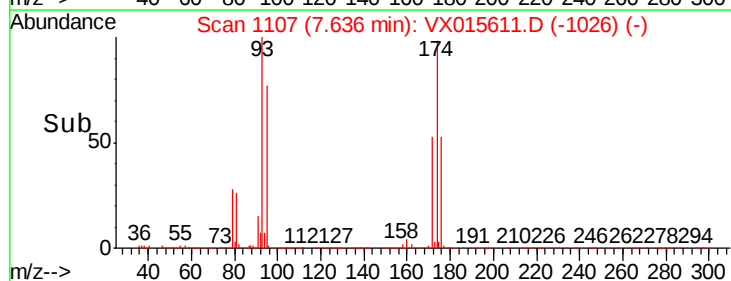
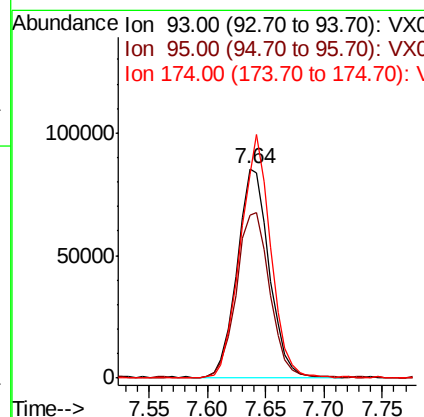
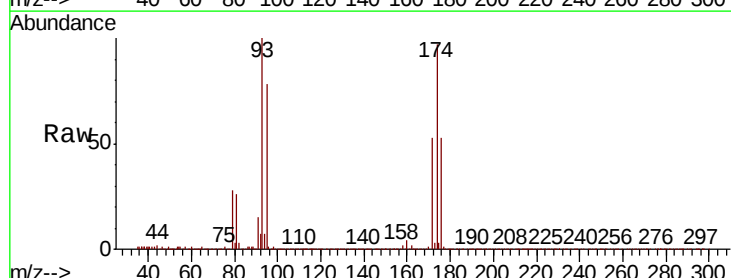
Manual Integrations
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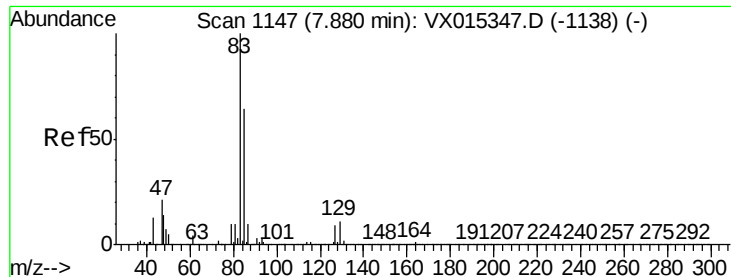
apatel
 4/13/2020 1:23:54 PM



#40
 Dibromomethane
 Concen: 19.167 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	0.0	166.4
174	110.2	0.0	225.4





#41

Bromodichloromethane

Concen: 18.416 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

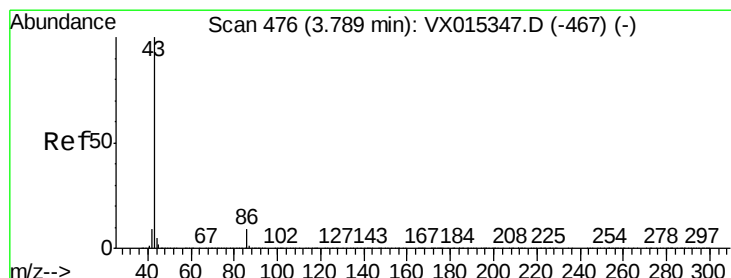
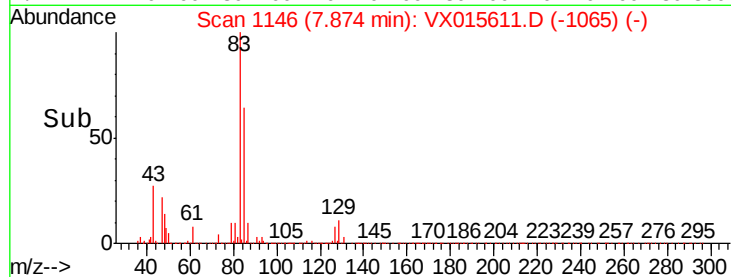
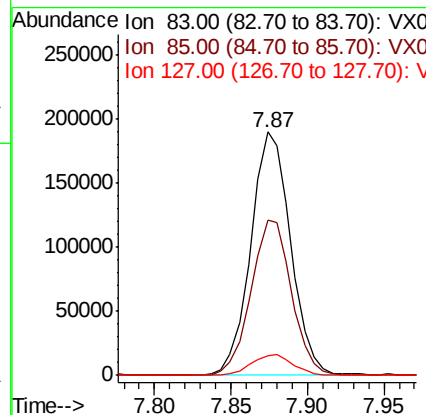
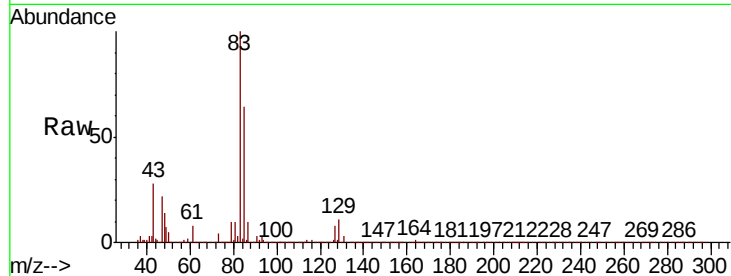
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	342147
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.6	77.4
127	8.0	7.0	10.4

Manual Integrations
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apatel
4/13/2020 1:23:54 PM



#42

Vinyl Acetate

Concen: 99.194 ug/l

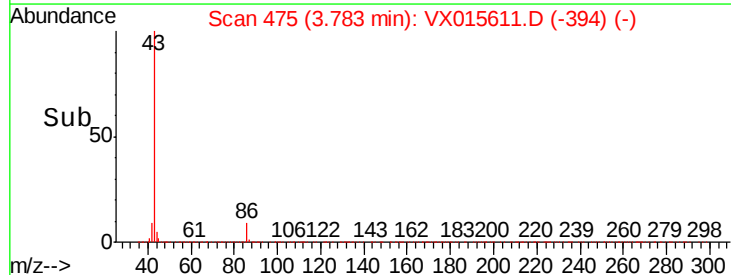
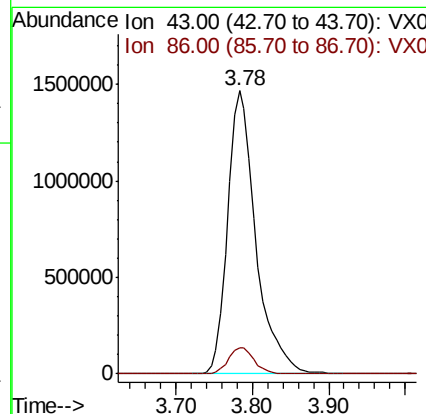
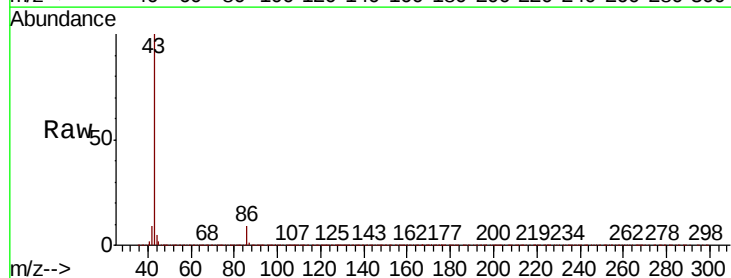
RT: 3.78 min Scan# 475

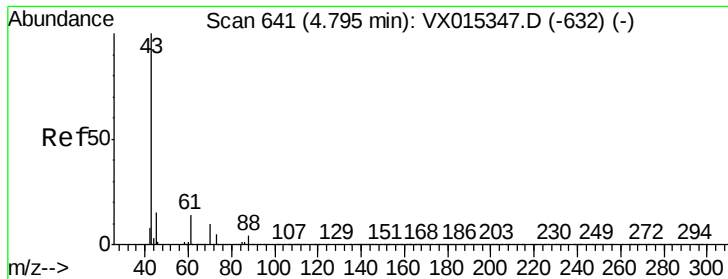
Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	43	Resp:	3737999
Ion Ratio	Lower	Upper	
43	100		
86	8.5	6.9	10.3





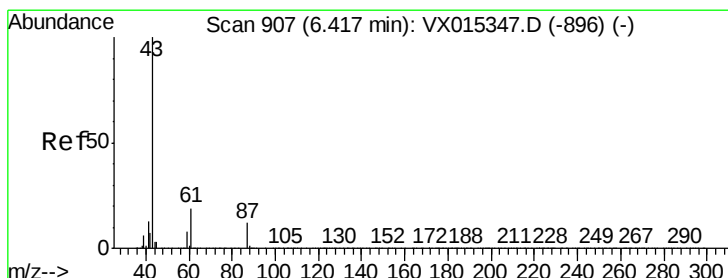
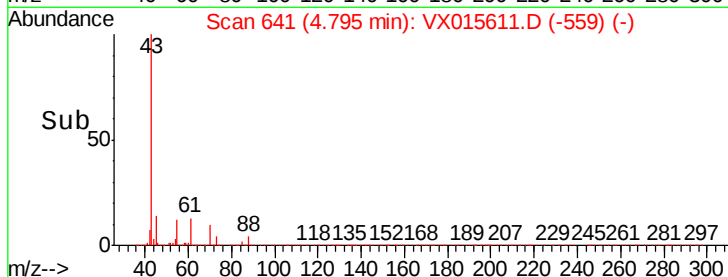
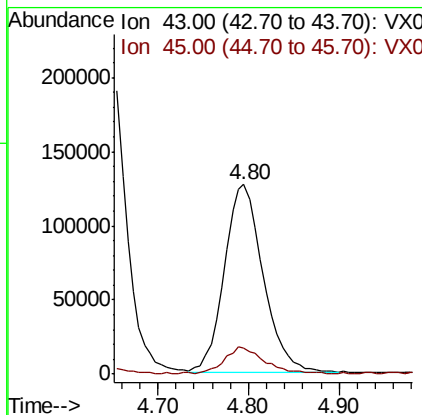
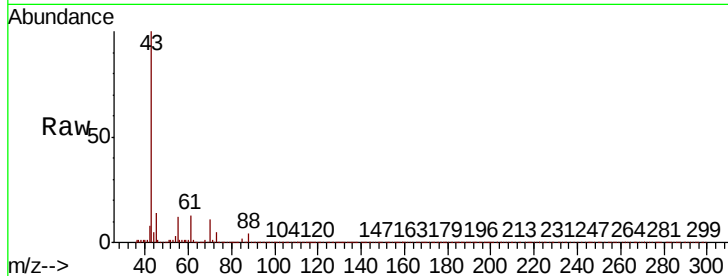
#43
Ethyl Acetate
Concen: 17.415 ug/l
RT: 4.80 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	13.8	12.2	18.4

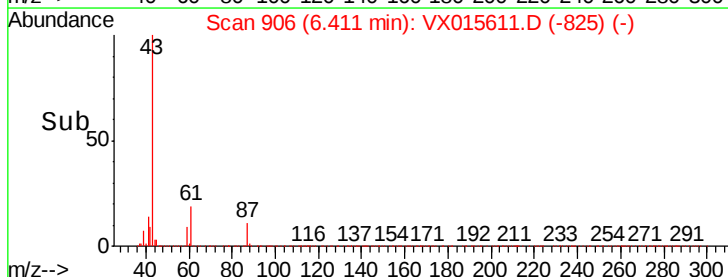
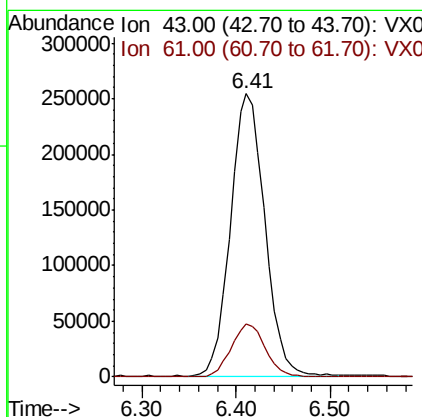
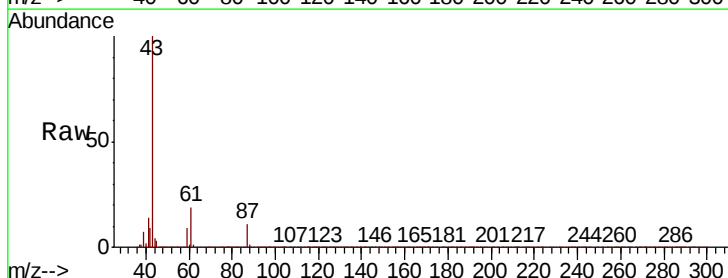
Manual Integrations
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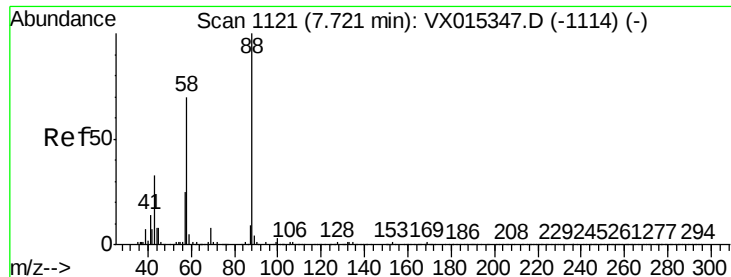
apatel
4/13/2020 1:23:54 PM



#44
Isopropyl Acetate
Concen: 18.447 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.6	22.0





#45

1,4-Dioxane

Concen: 311.431 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

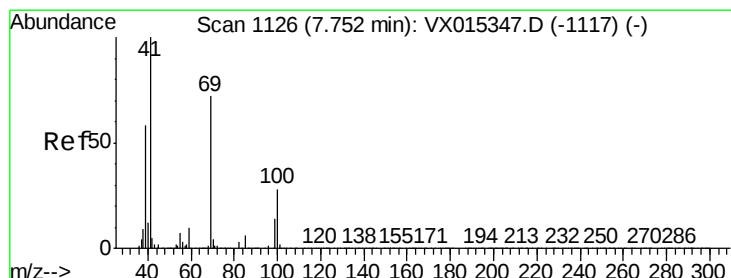
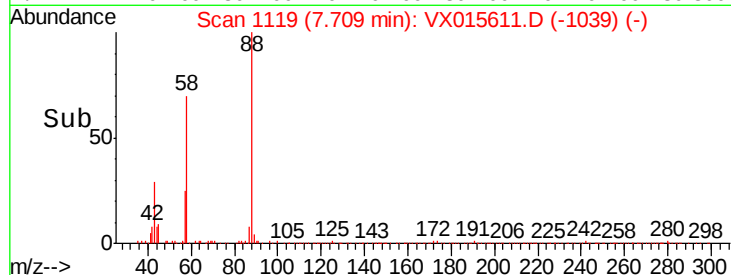
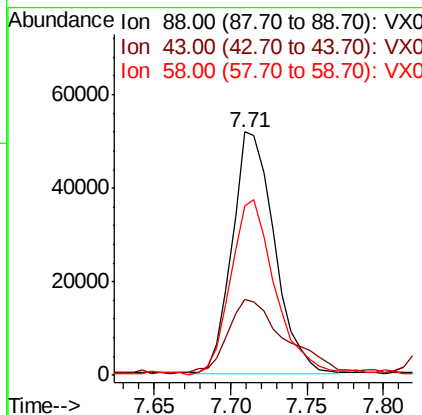
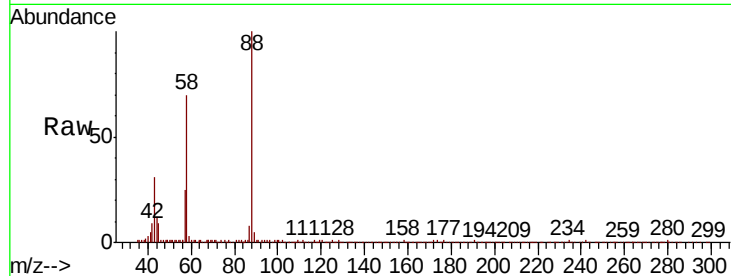
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	99887
Ion Ratio	Lower	Upper	
88	100		
43	39.1	32.1	48.1
58	76.6	59.4	89.0

Manual Integrations
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#46

Methyl methacrylate

Concen: 18.575 ug/l

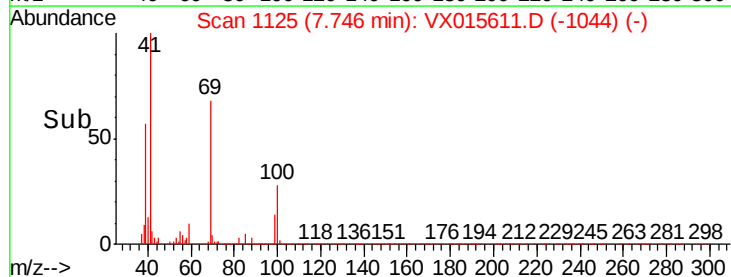
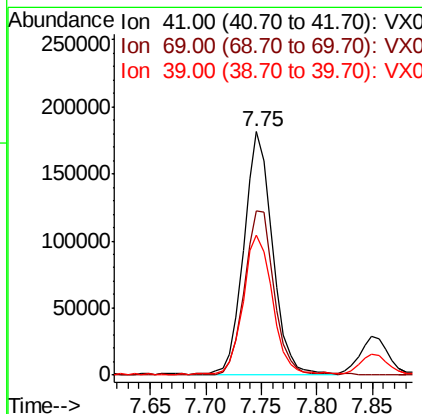
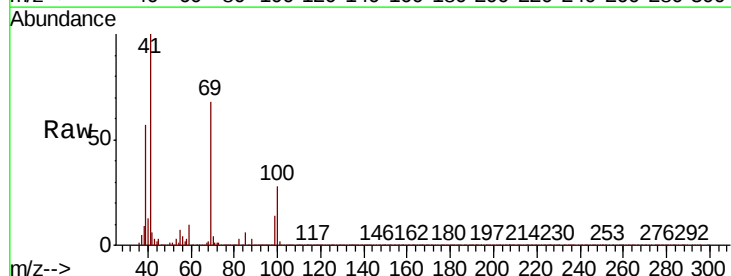
RT: 7.75 min Scan# 1125

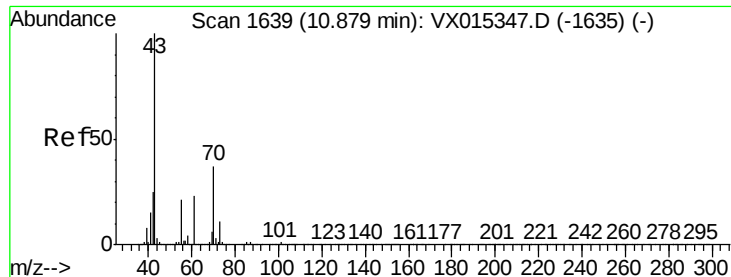
Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	41	Resp:	322717
Ion Ratio	Lower	Upper	
41	100		
69	67.5	35.8	107.4
39	57.2	28.9	86.8





#47

n-amvl Acetate

Concen: 18.373 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 43 Resp: 551548

Ion Ratio Lower Upper

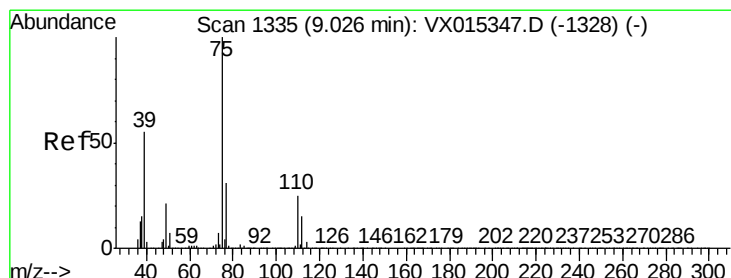
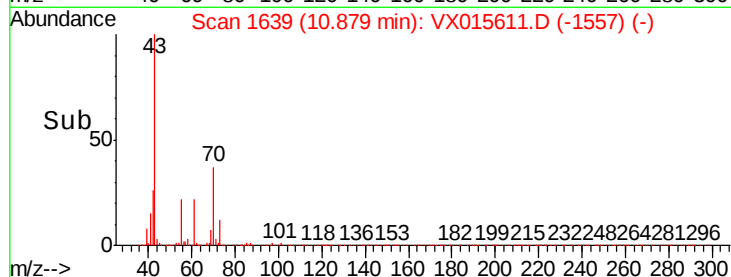
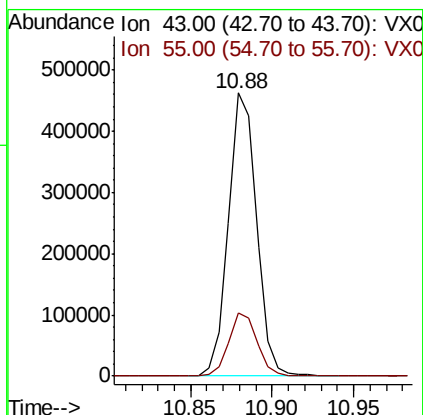
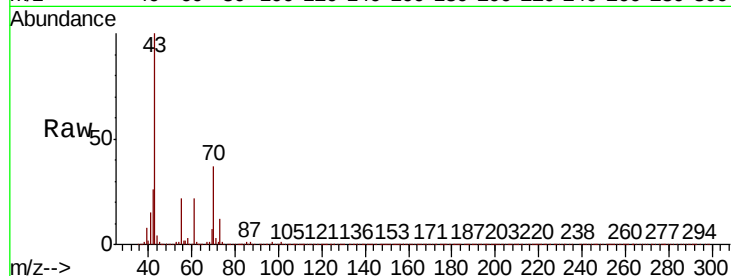
43 100

55 22.3 17.0 25.6

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 18.453 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015611.D

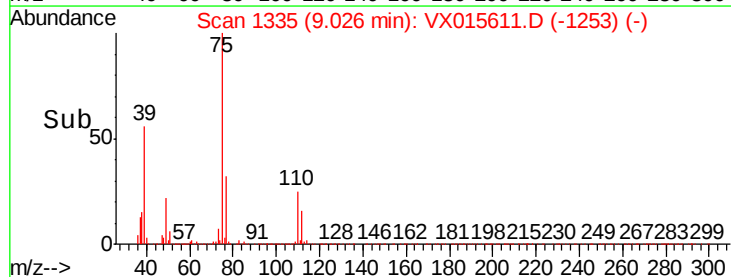
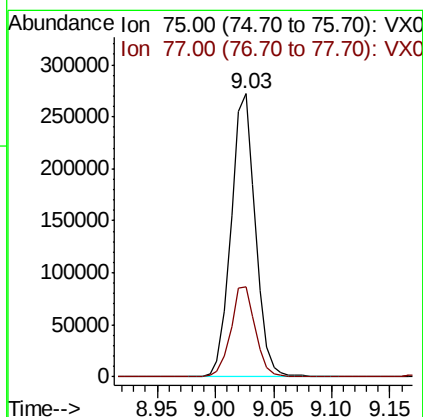
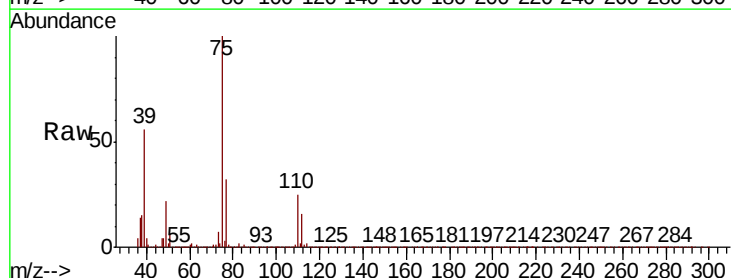
Acq: 10 Apr 2020 11:18

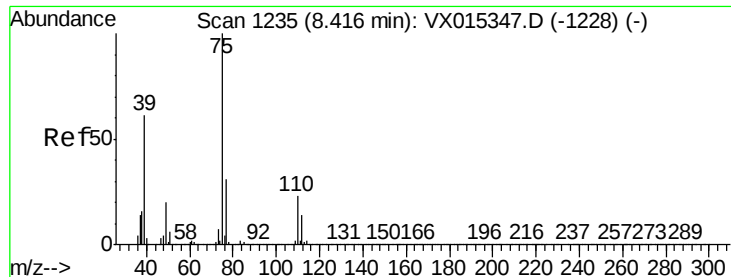
Tgt Ion: 75 Resp: 395767

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0





#49

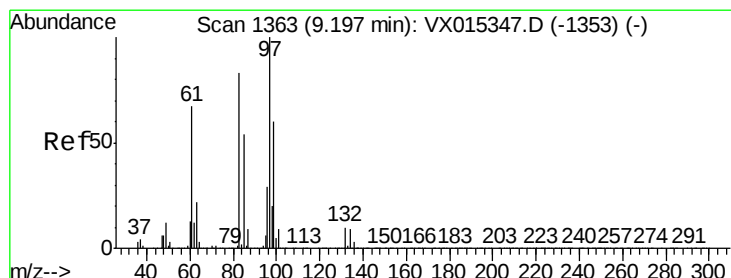
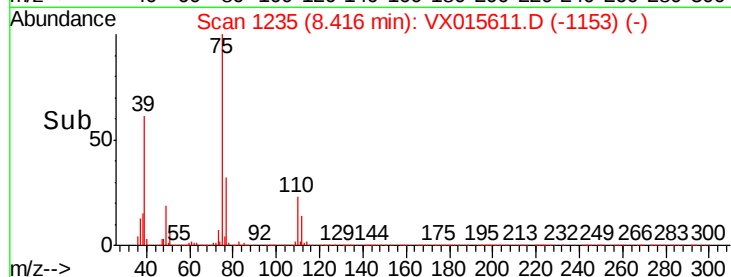
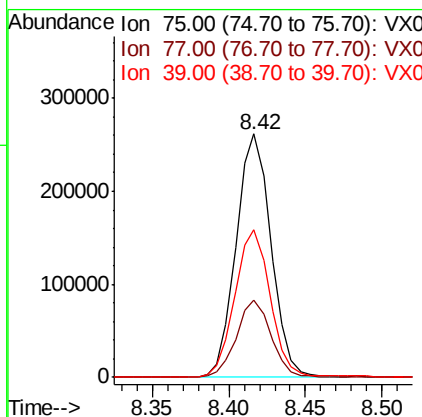
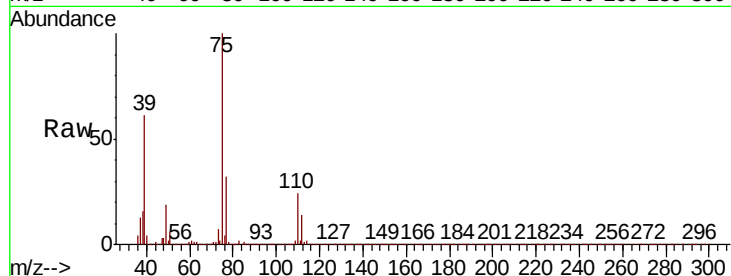
cis-1,3-Dichloropropene
Concen: 18.713 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	60.7	48.9	73.3

Manual Integrations
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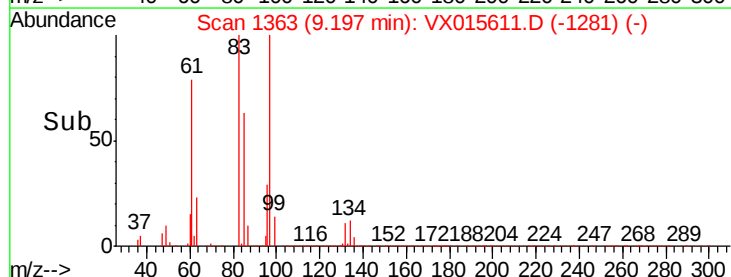
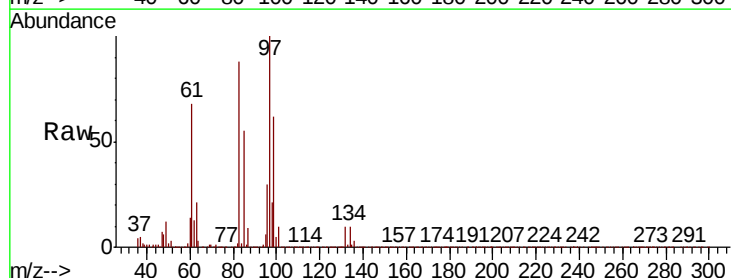
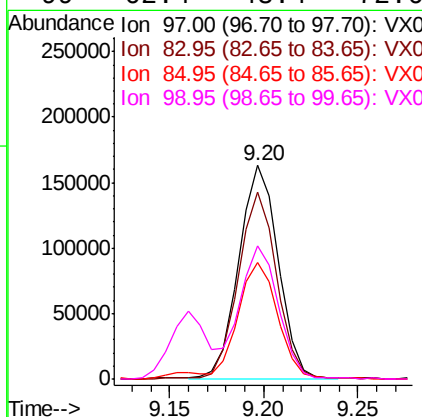
apatel
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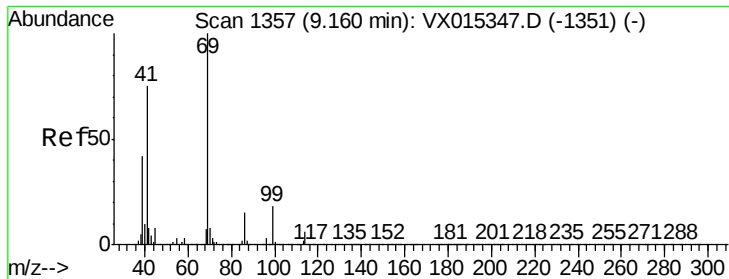


#50

1,1,2-Trichloroethane
Concen: 19.300 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.8	100.2
85	54.5	43.3	64.9
99	62.4	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.437 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

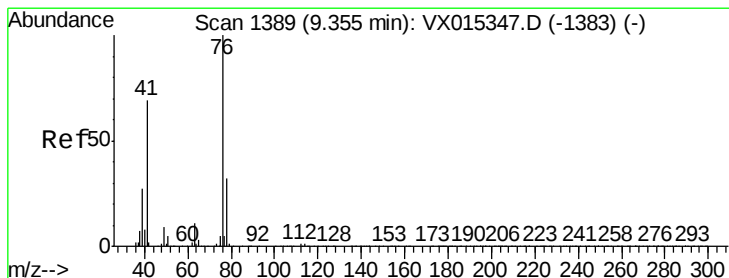
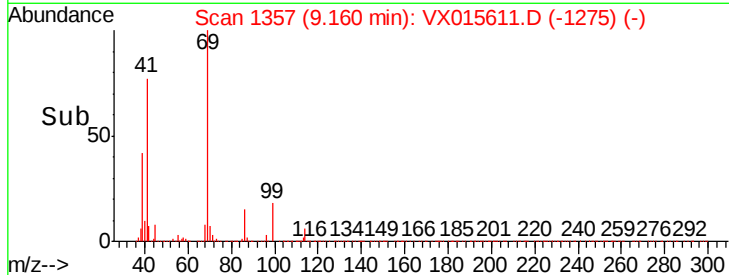
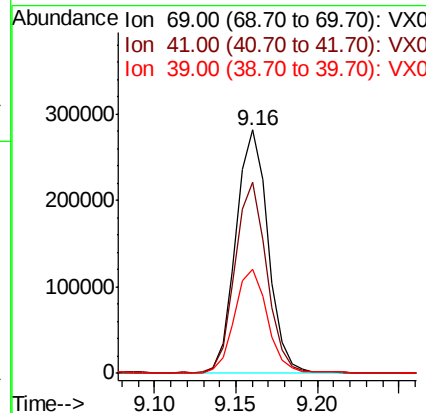
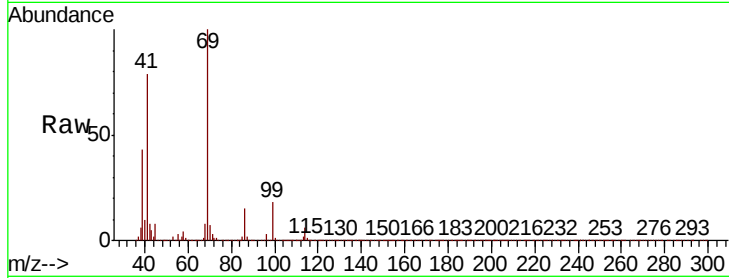
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	389020
Ion Ratio	Lower	Upper	
69	100		
41	78.4	37.4	112.2
39	42.5	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.703 ug/l

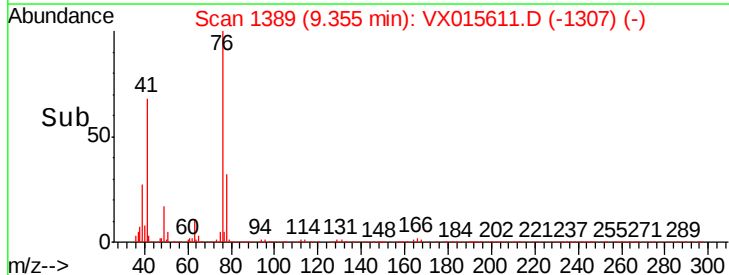
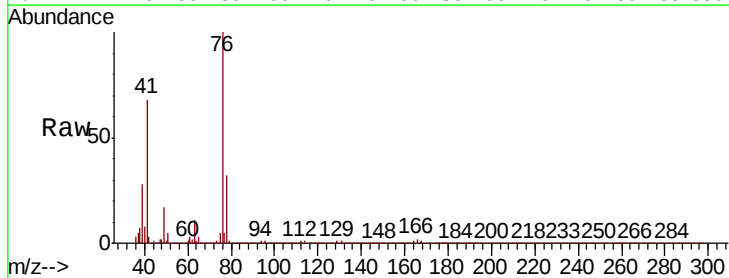
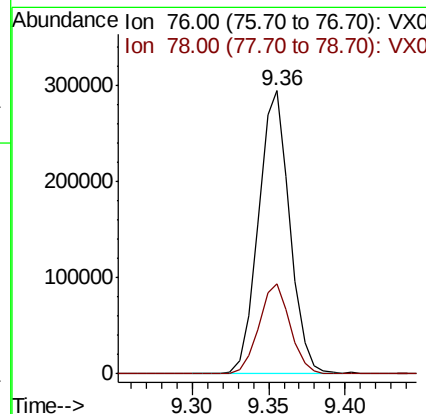
RT: 9.36 min Scan# 1389

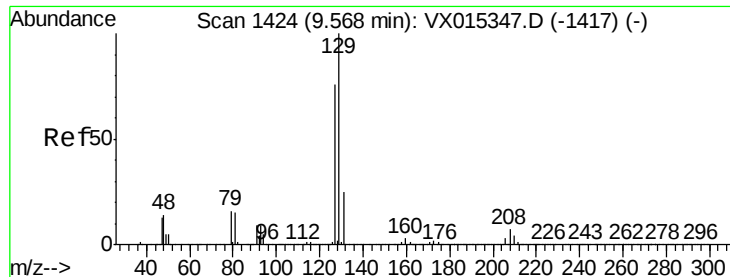
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	76	Resp:	417499
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	63.2





#53

Dibromochloromethane

Concen: 18.085 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 273507

Ion Ratio Lower Upper

129 100

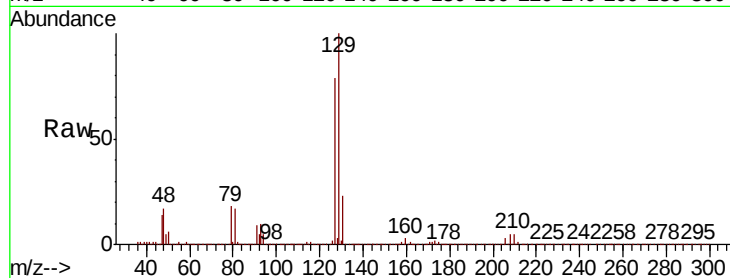
127 76.1 38.6 115.7

Manual Integrations

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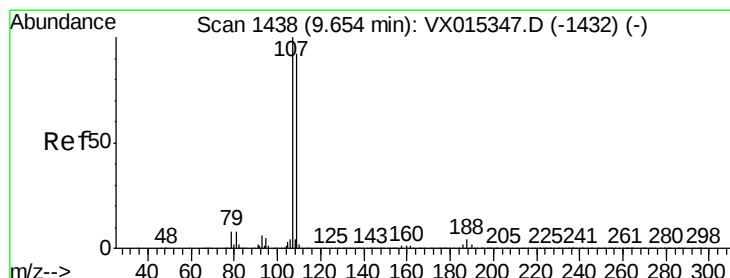
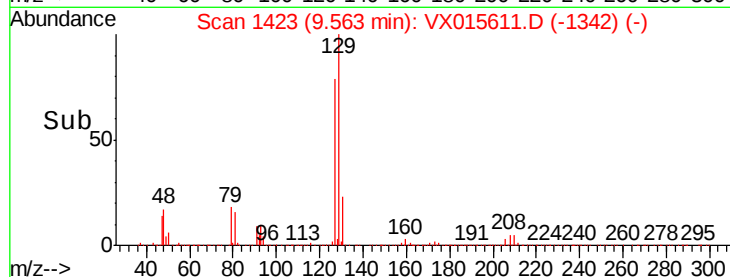
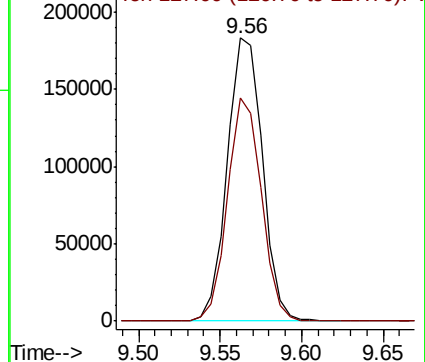
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.084 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015611.D

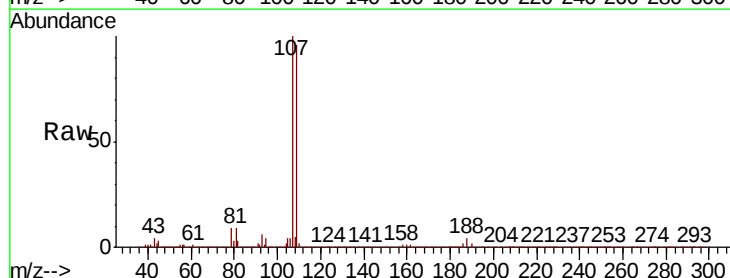
Acq: 10 Apr 2020 11:18

Tgt Ion:107 Resp: 251223

Ion Ratio Lower Upper

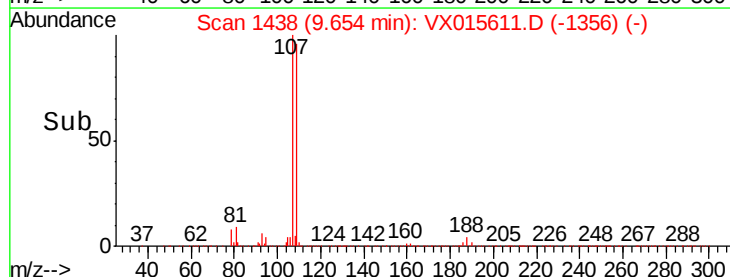
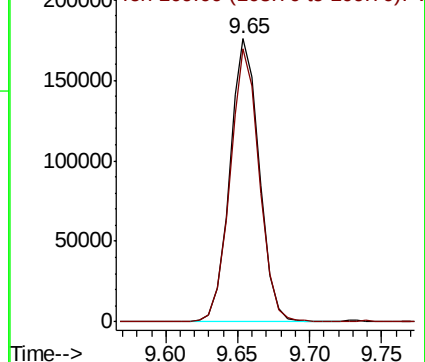
107 100

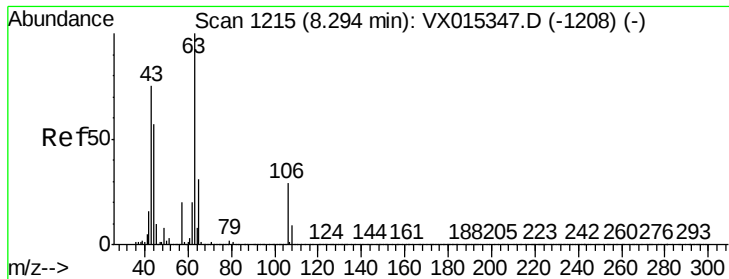
109 95.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 100.321 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

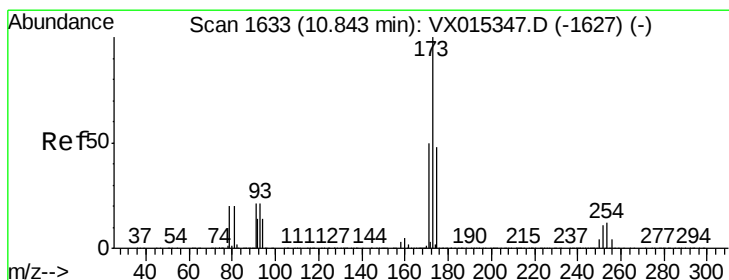
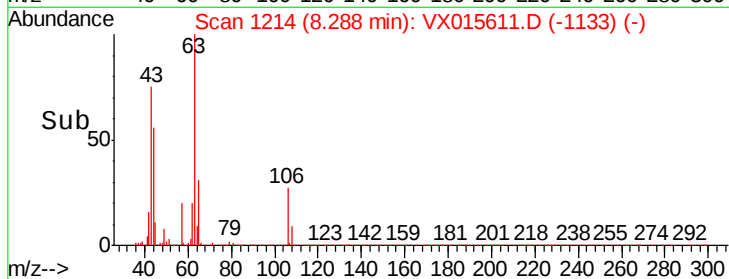
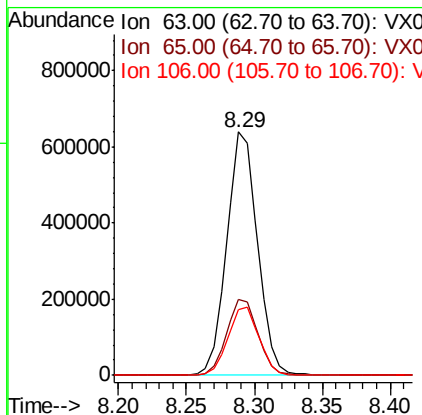
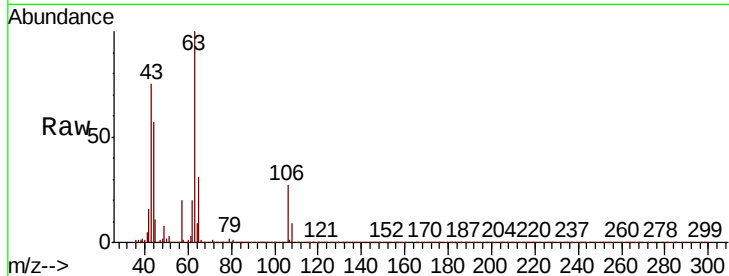
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	999735
Ion Ratio	Lower	Upper	
63	100		
65	31.9	25.5	38.3
106	28.2	23.1	34.7

Manual Integrations
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#56

Bromoform

Concen: 17.394 ug/l

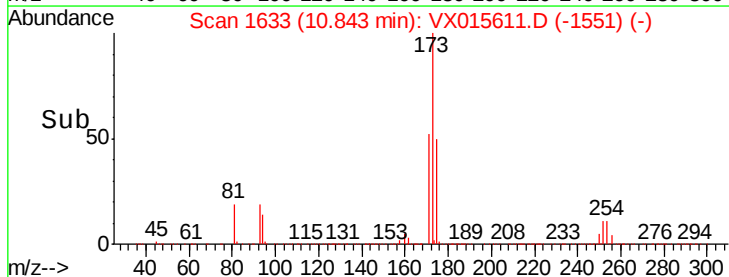
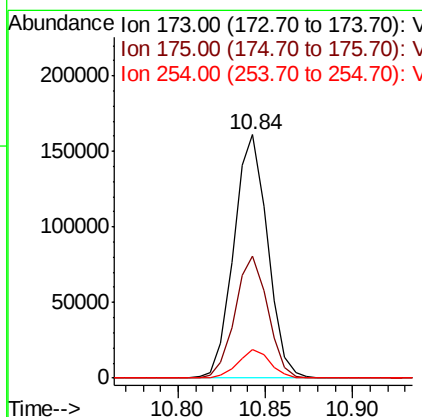
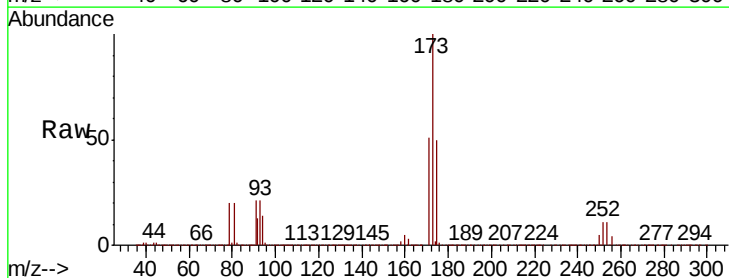
RT: 10.84 min Scan# 1633

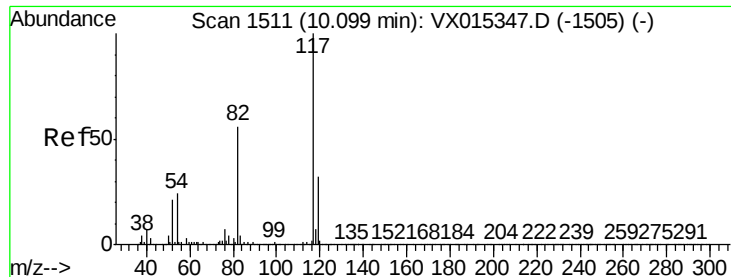
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	173	Resp:	216294
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.0	58.4
254	11.0	9.4	14.2





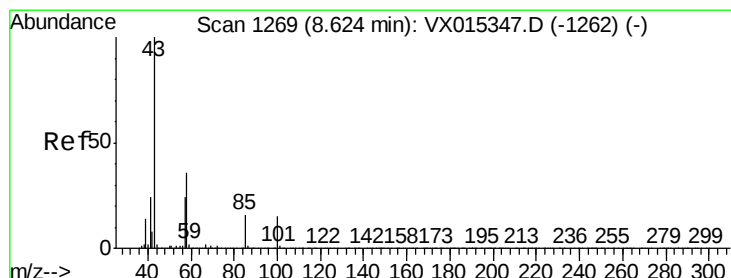
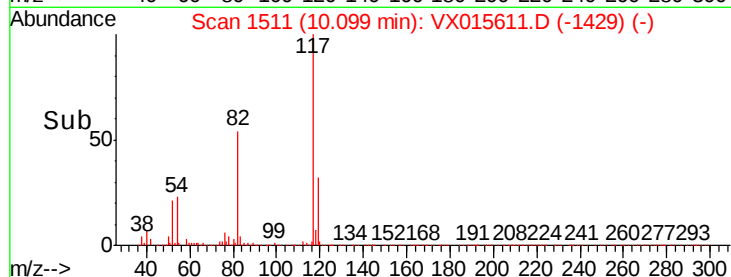
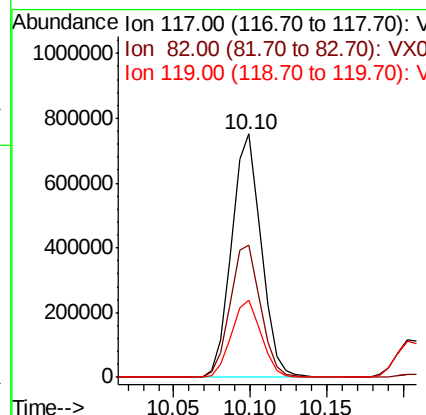
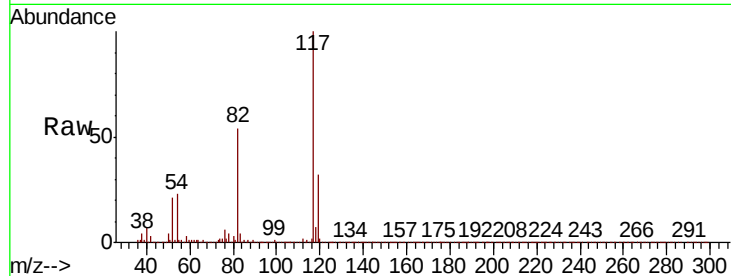
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.6
119	32.2	25.5	38.3

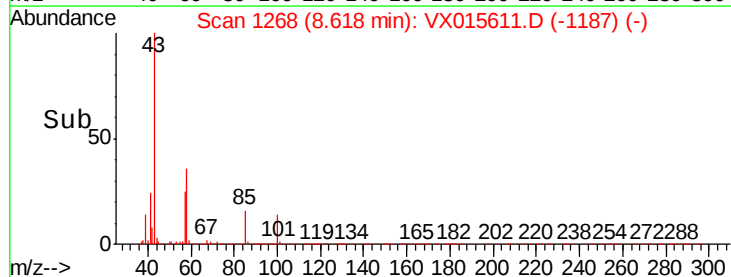
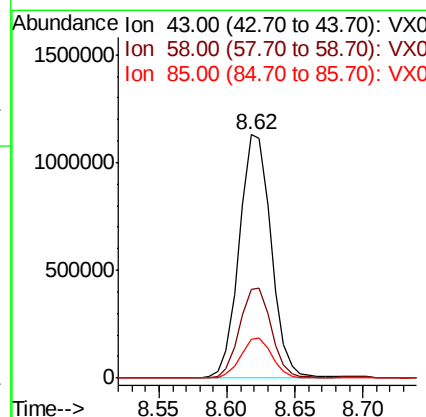
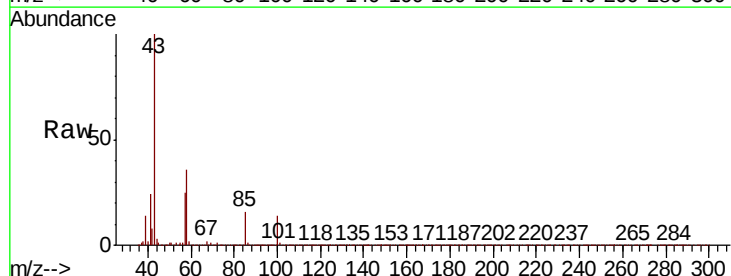
Manual Integrations
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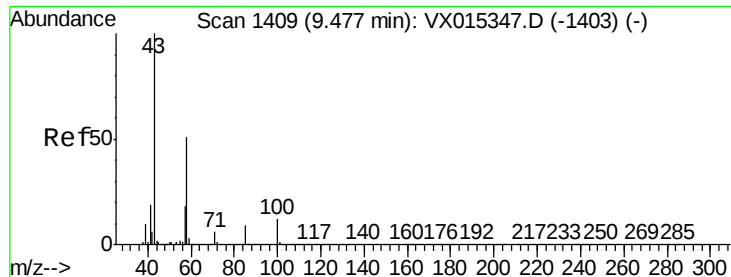
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#58
4-Methyl-2-Pentanone
Concen: 96.053 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.4	44.0
85	16.1	13.0	19.4





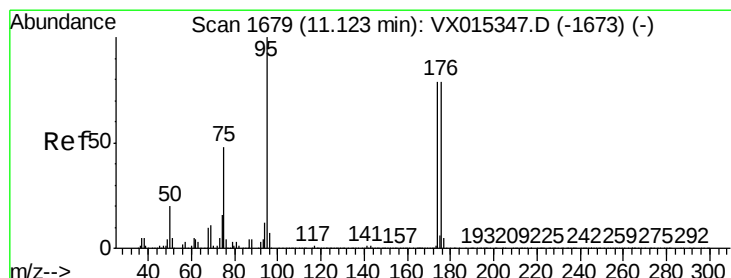
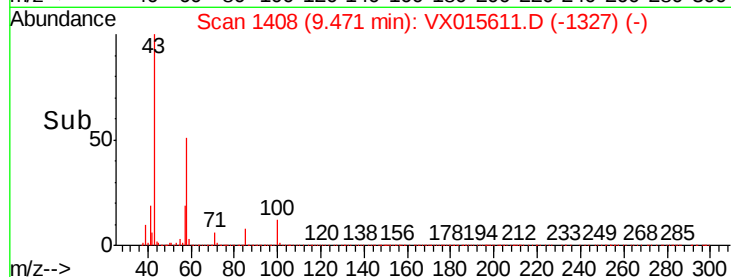
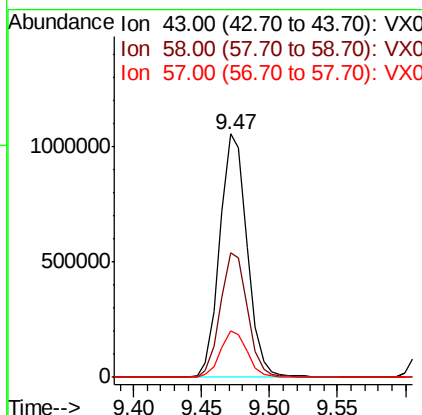
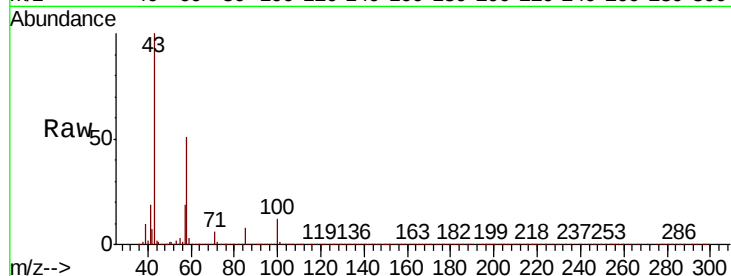
#59
2-Hexanone
Concen: 100.238 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.1	40.2	60.4
57	18.6	14.6	22.0

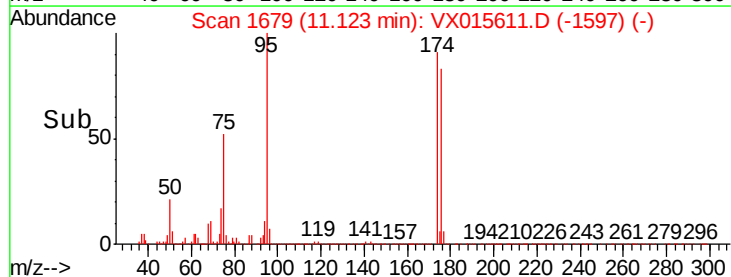
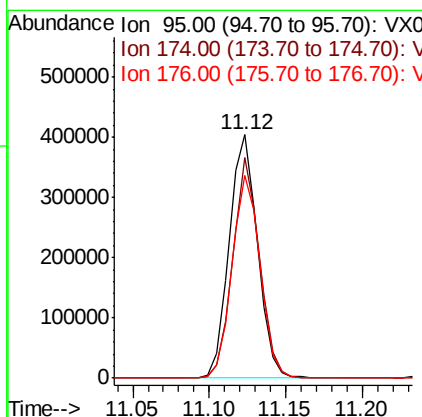
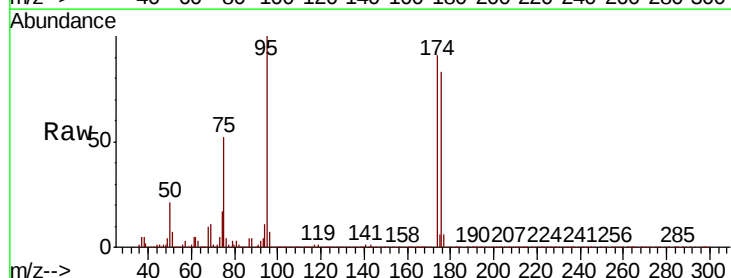
Manual Integrations
APPROVED

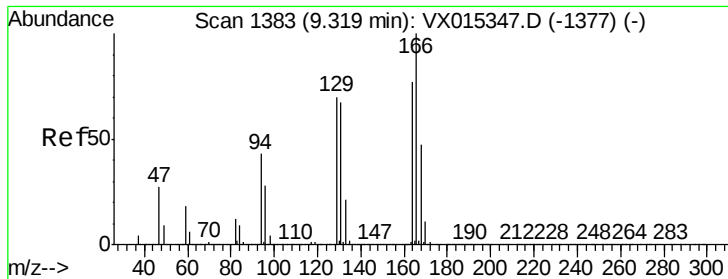
apatel
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#60
4-Bromofluorobenzene
Concen: 29.963 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.6	66.4	99.6
176	82.4	64.1	96.1





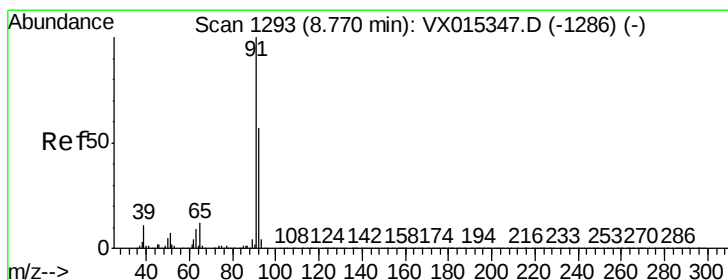
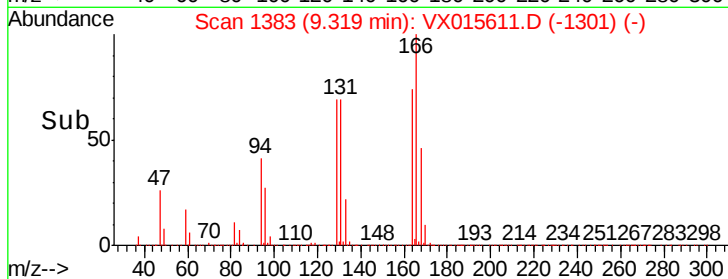
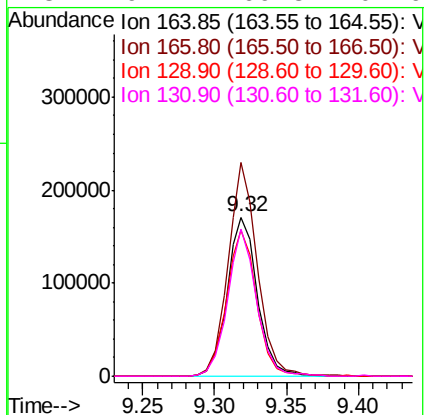
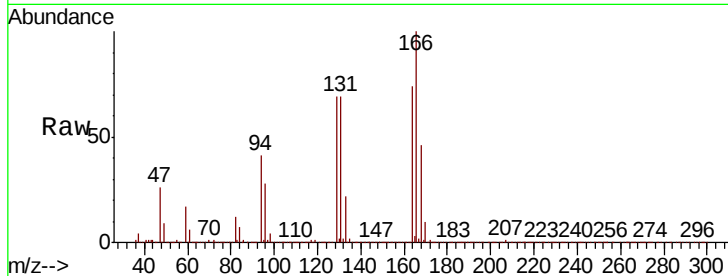
#61
Tetrachloroethene
Concen: 19.395 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.6	103.6	155.4
129	92.2	72.6	108.8
131	92.4	69.8	104.6

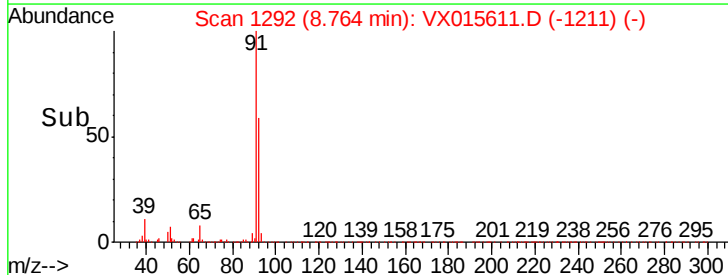
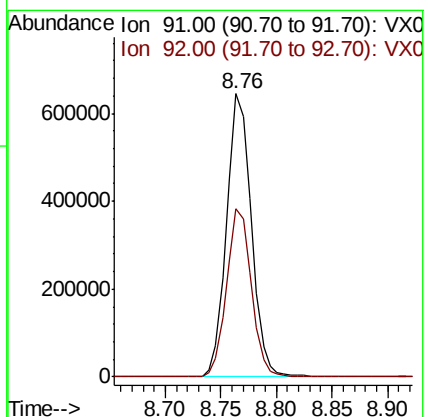
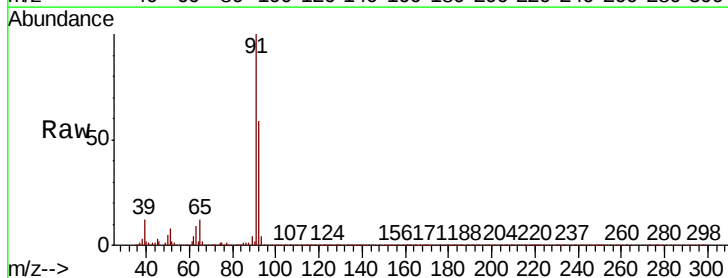
Manual Integrations
APPROVED

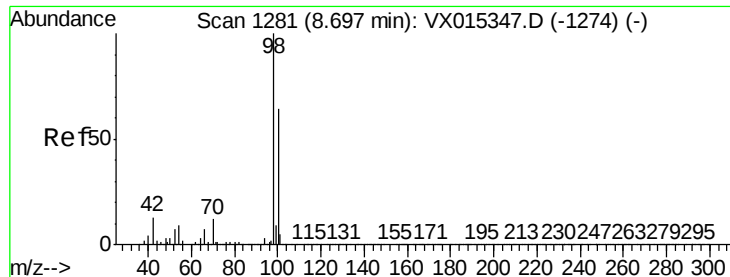
apatel
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#62
Toluene
Concen: 19.557 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.2	46.7	70.1





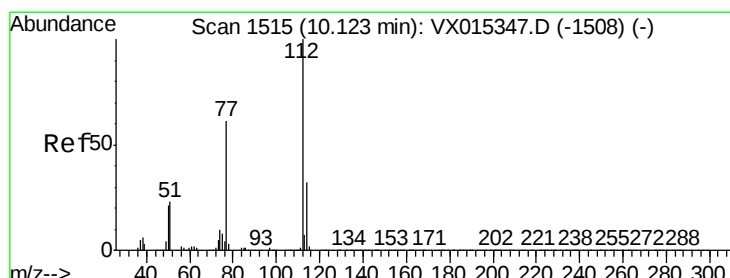
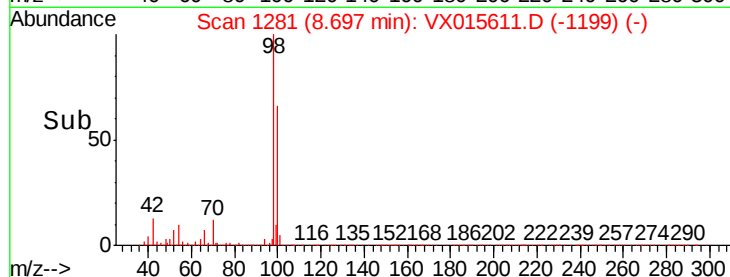
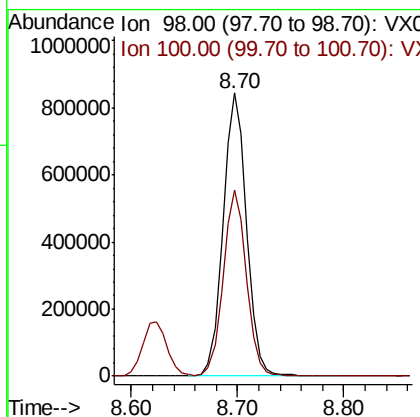
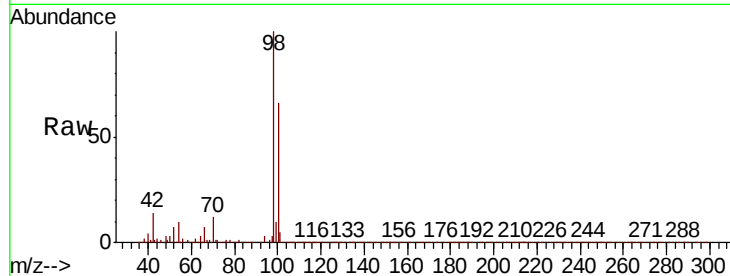
#63
Toluene-d8
Concen: 30.246 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 1296665
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

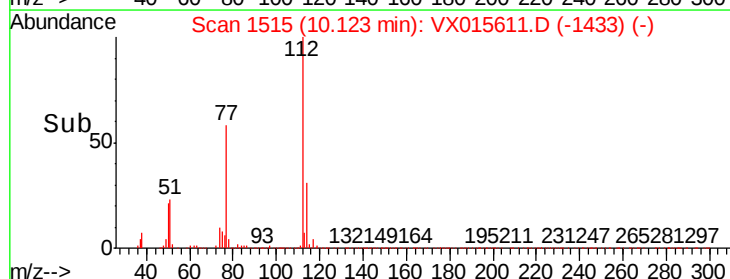
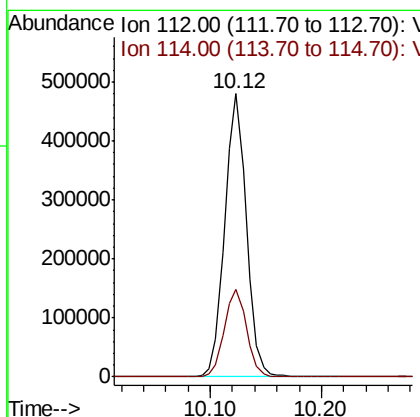
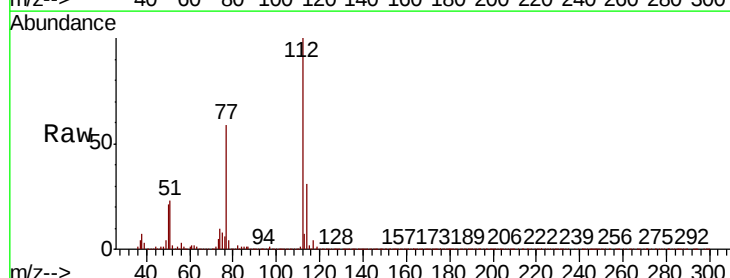
Manual Integrations
APPROVED

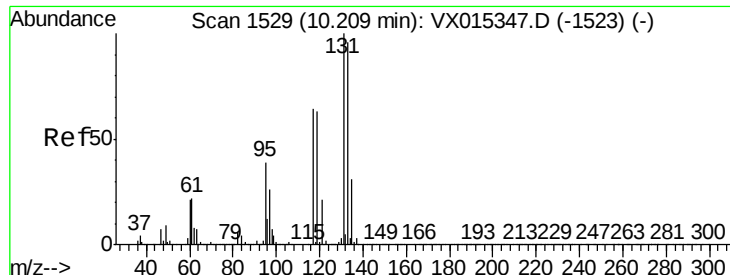
apatel
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#64
Chlorobenzene
Concen: 19.514 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 112 Resp: 641242
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.691 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

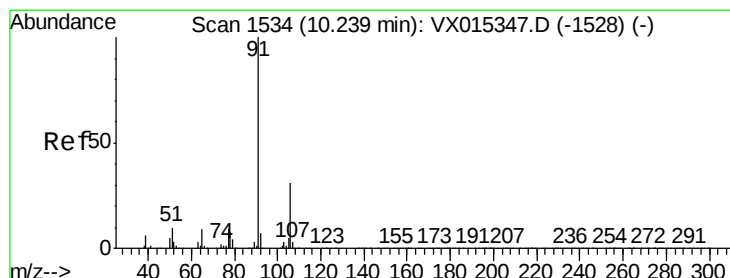
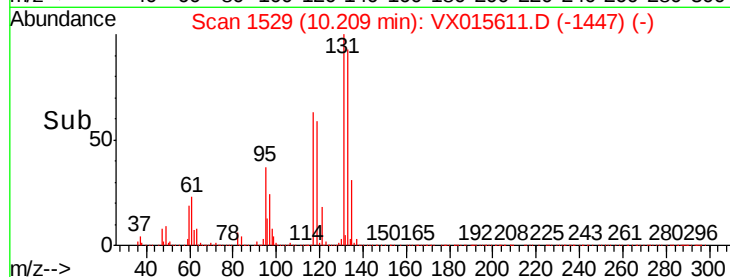
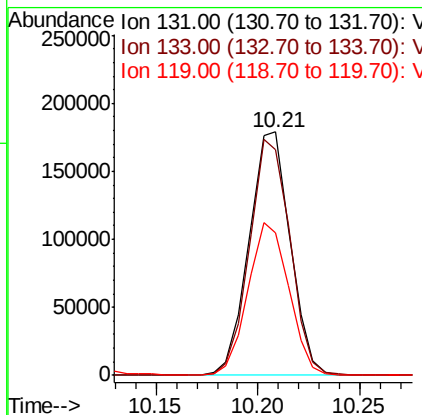
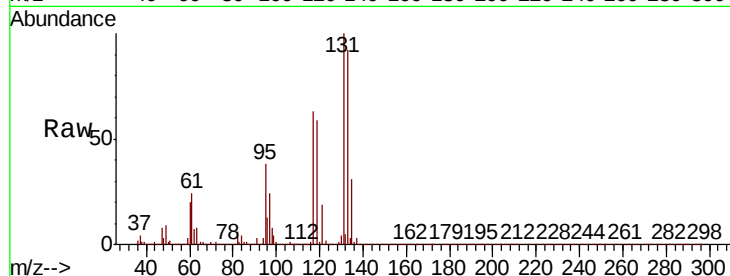
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	250980
Ion Ratio		Lower	Upper
131	100		
133	95.9	0.0	193.6
119	62.2	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.735 ug/l

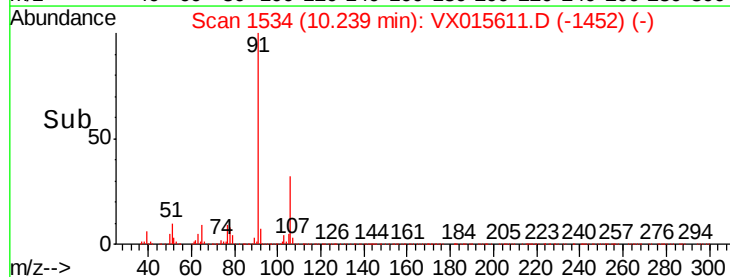
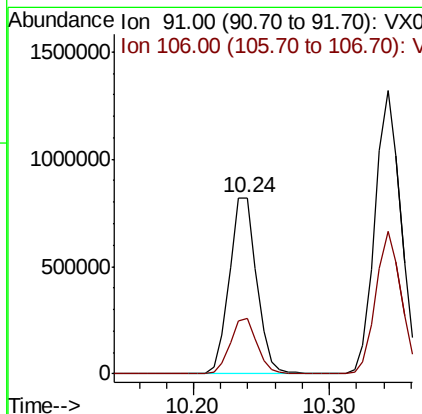
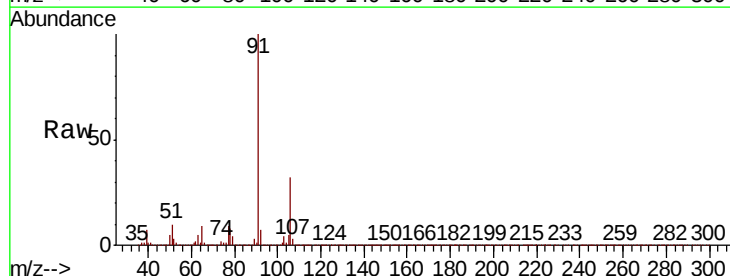
RT: 10.24 min Scan# 1534

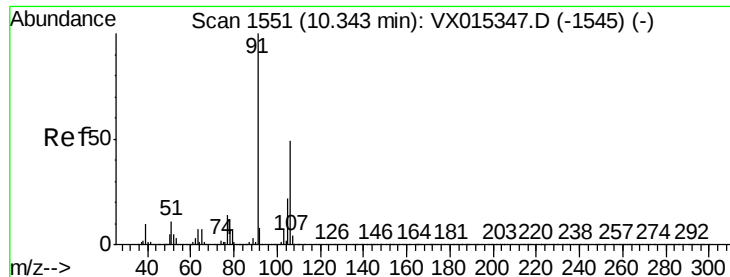
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	91	Resp:	1152244
Ion Ratio		Lower	Upper
91	100		
106	31.7	25.0	37.6





#67

m/p-Xylenes

Concen: 39.432 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 871412

Ion Ratio Lower Upper

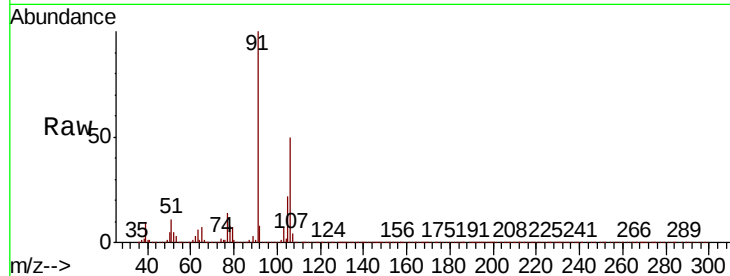
106 100

91 201.9 165.0 247.4

Manual Integrations
APPROVED

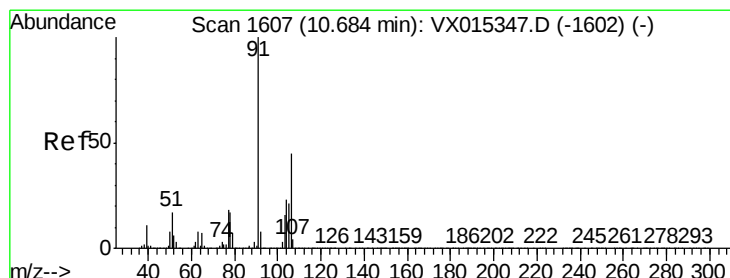
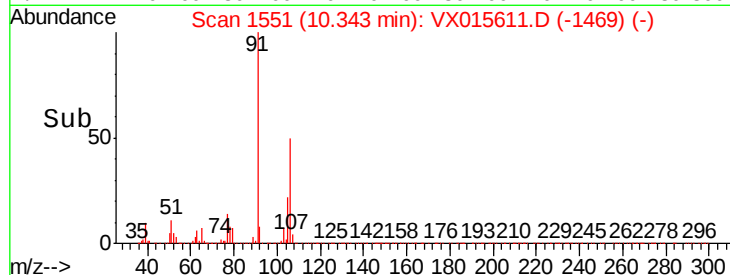
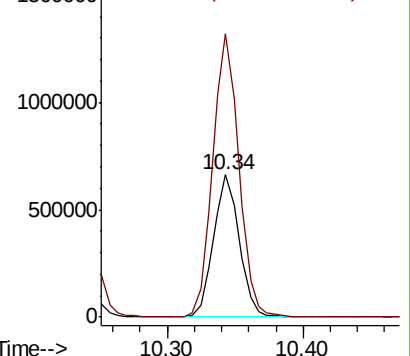
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.441 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015611.D

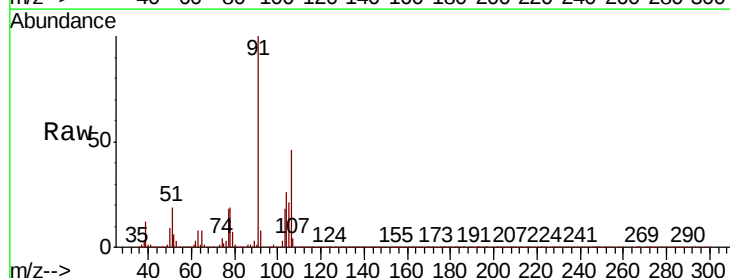
Acq: 10 Apr 2020 11:18

Tgt Ion:106 Resp: 419942

Ion Ratio Lower Upper

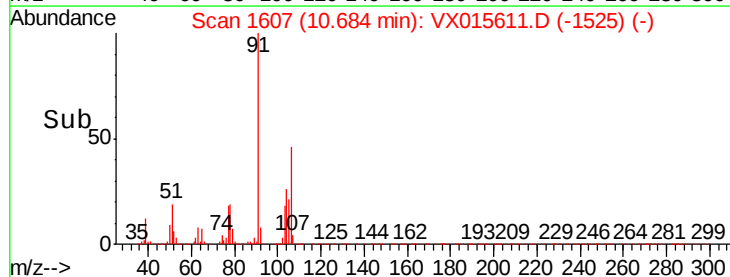
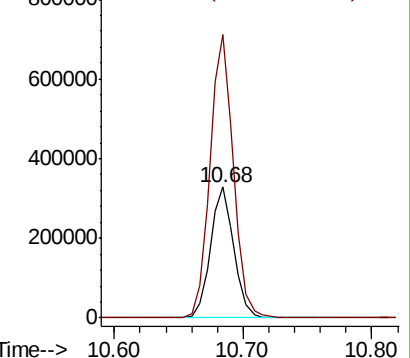
106 100

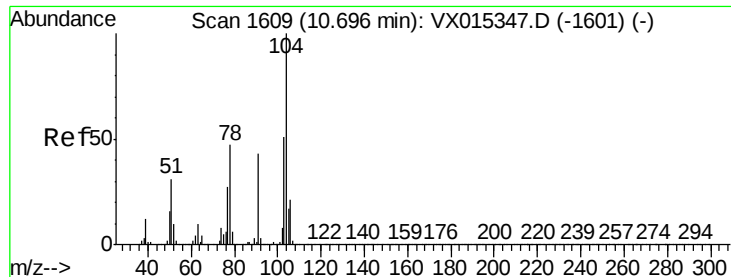
91 215.8 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





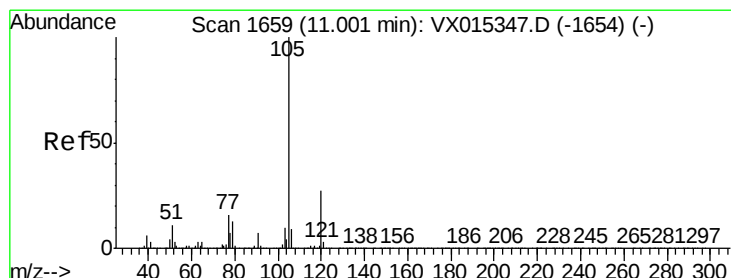
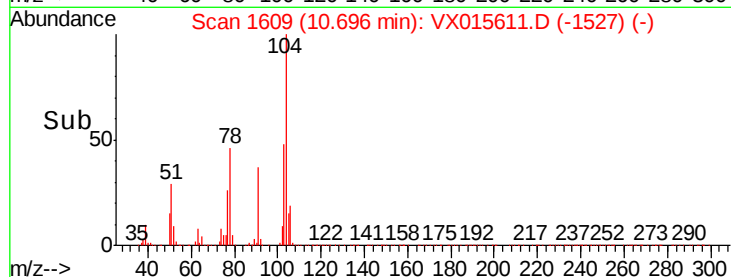
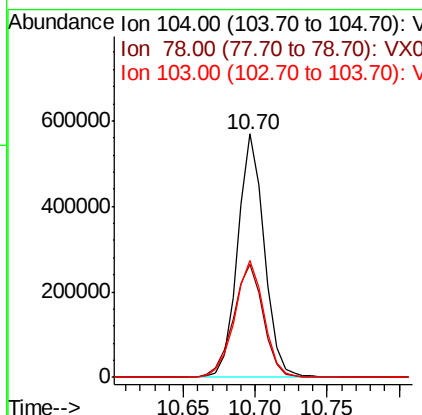
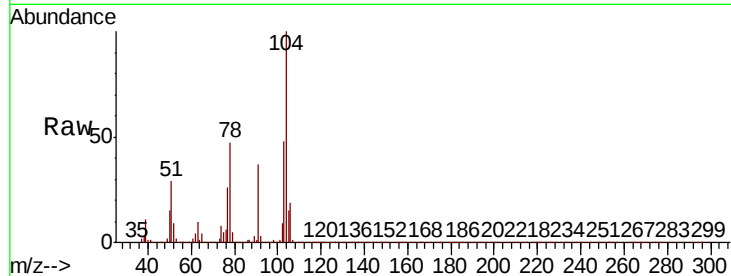
#69
Stvrene
Concen: 19.429 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	104	Resp:	731162
Ion Ratio	Lower	Upper	
104	100		
78	52.4	41.5	62.3
103	53.2	43.4	65.2

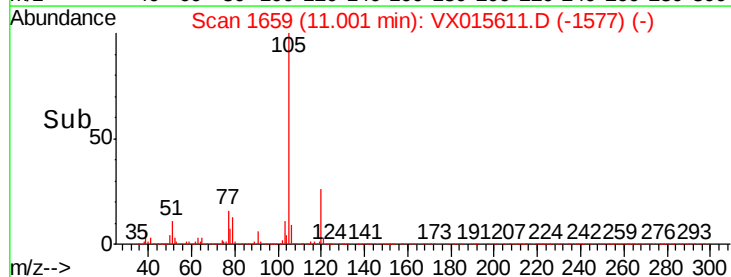
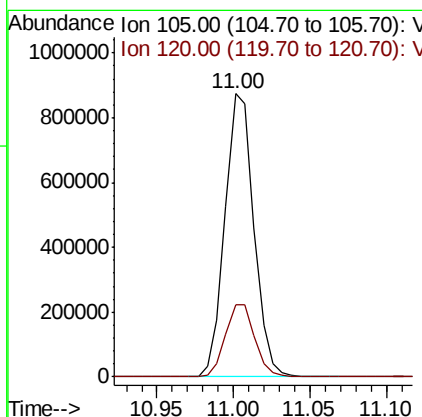
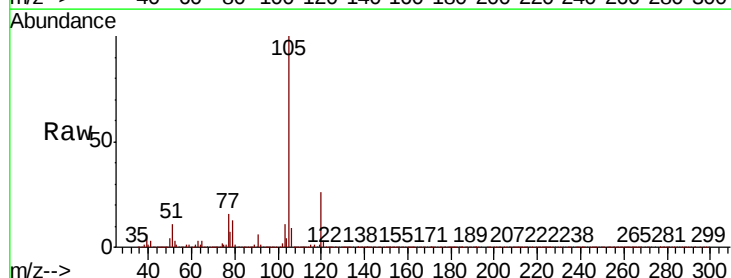
Manual Integrations
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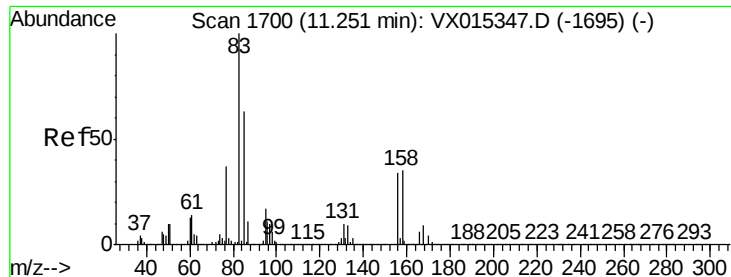
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#70
Isopropylbenzene
Concen: 19.997 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	105	Resp:	1145074
Ion Ratio	Lower	Upper	
105	100		
120	26.0	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.045 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

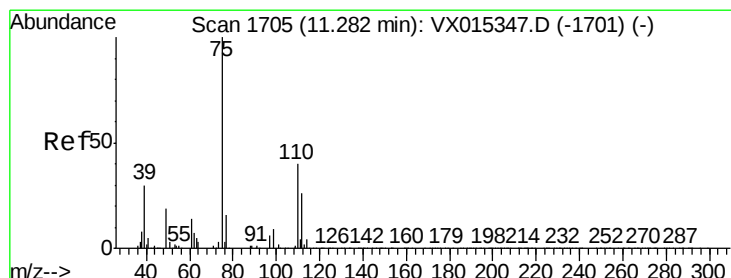
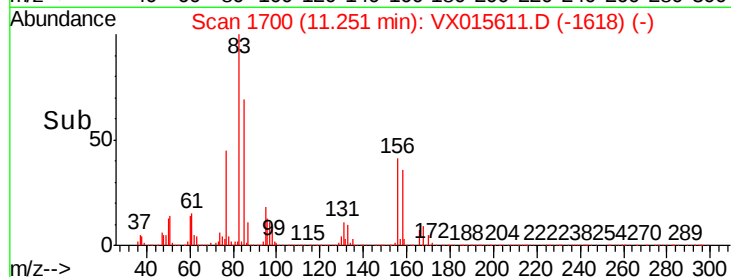
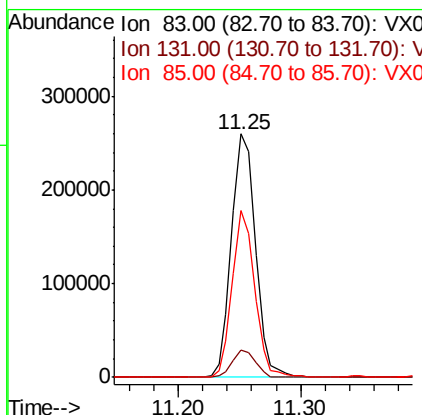
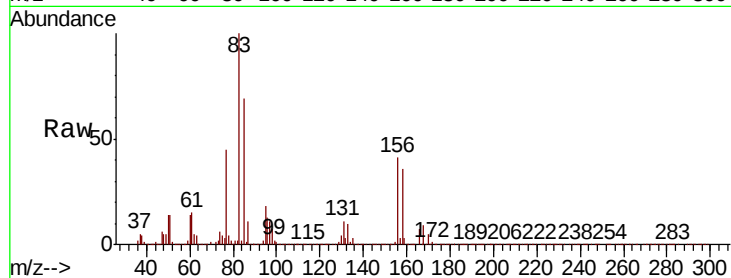
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	353470
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	15.9
85	64.1	32.0	96.2

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 19.049 ug/l m

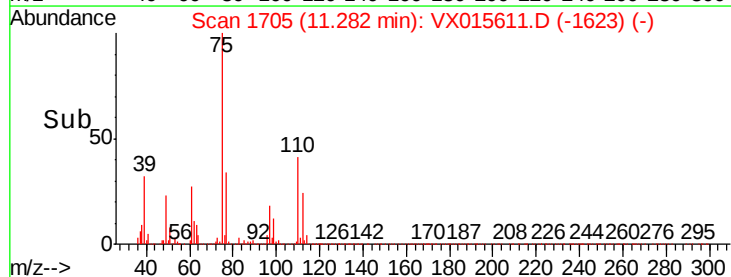
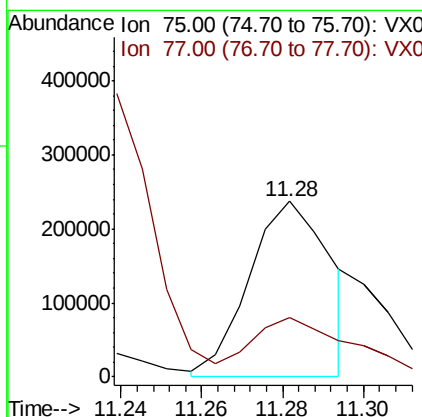
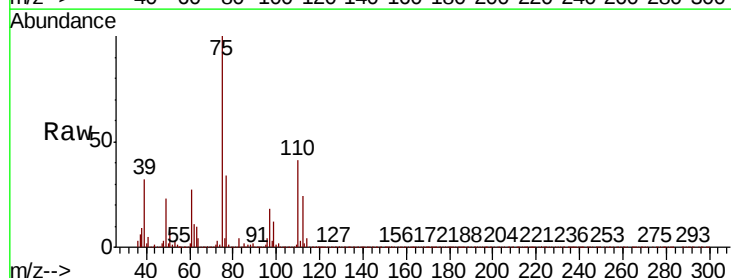
RT: 11.28 min Scan# 1705

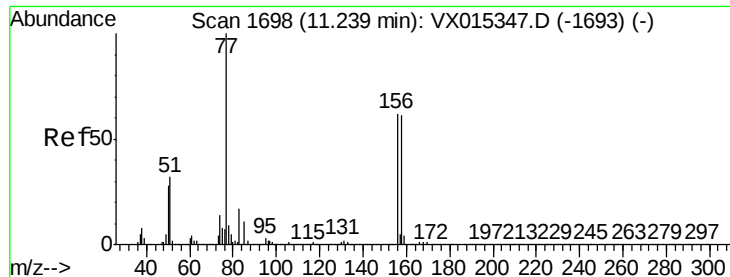
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	75	Resp:	330803
Ion Ratio	Lower	Upper	
75	100		
77	41.8	0.0	80.0





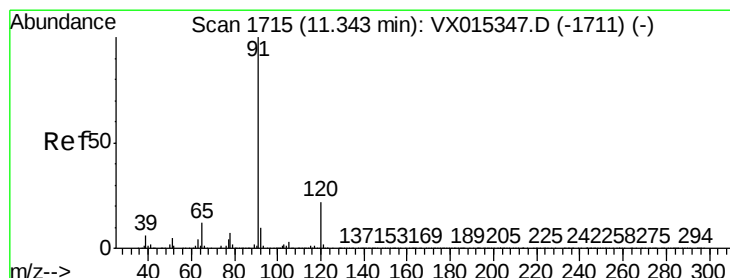
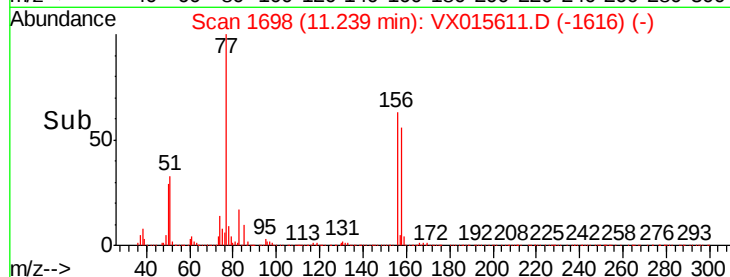
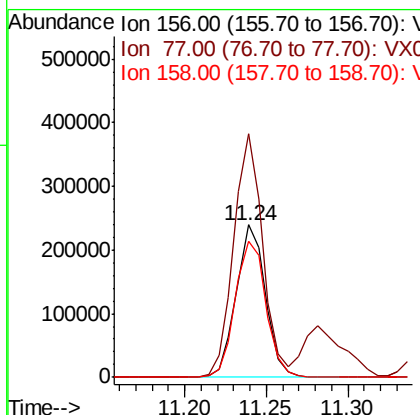
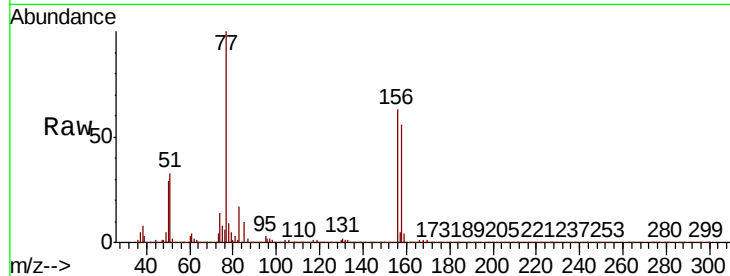
#73
Bromobenzene
Concen: 19.456 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.0	0.0	324.4
158	93.8	0.0	200.0

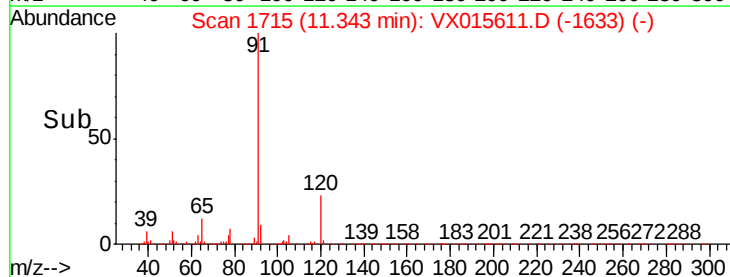
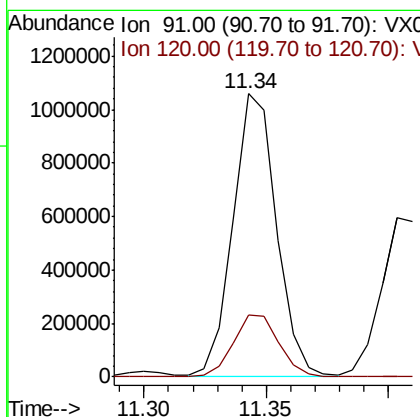
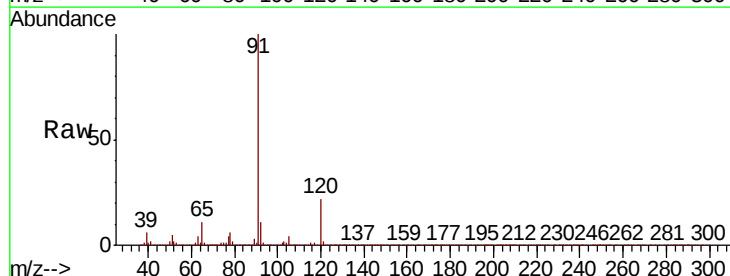
Manual Integrations
APPROVED

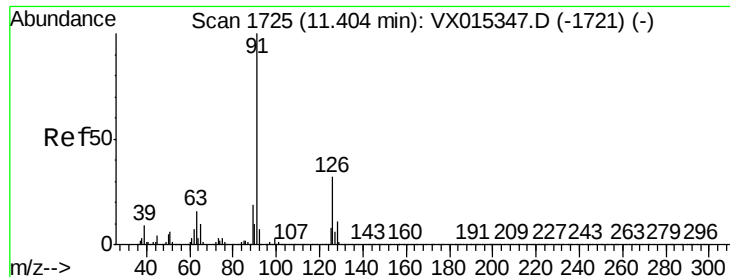
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#74
n-propylbenzene
Concen: 19.907 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.475 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 777983

Ion Ratio Lower Upper

91 100

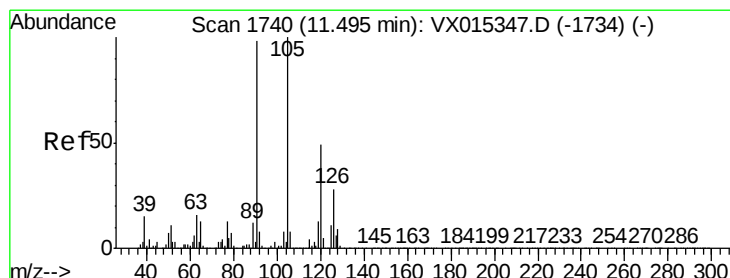
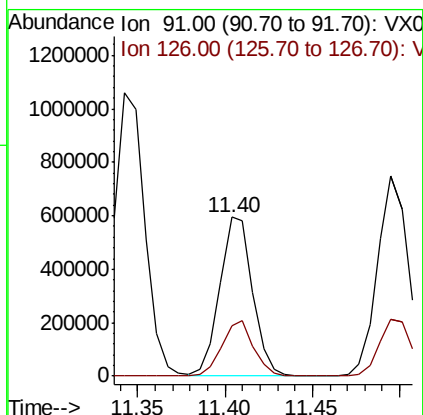
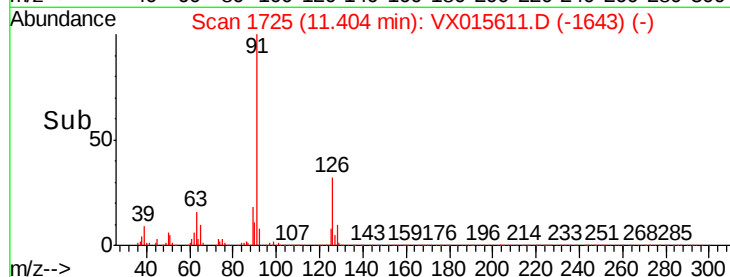
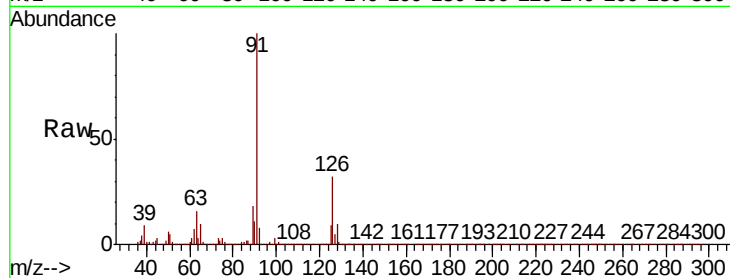
126 33.4 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.900 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015611.D

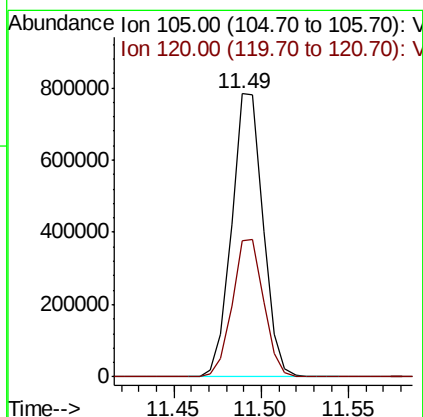
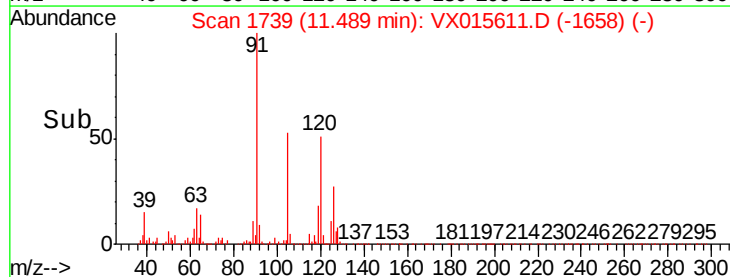
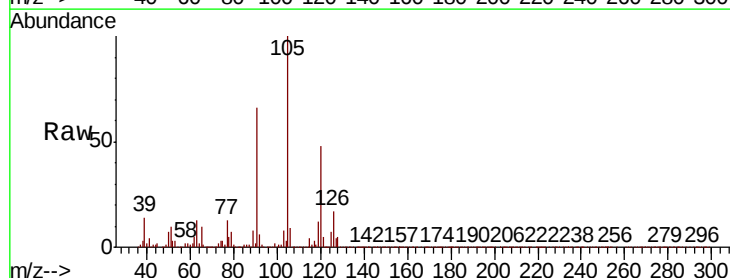
Acq: 10 Apr 2020 11:18

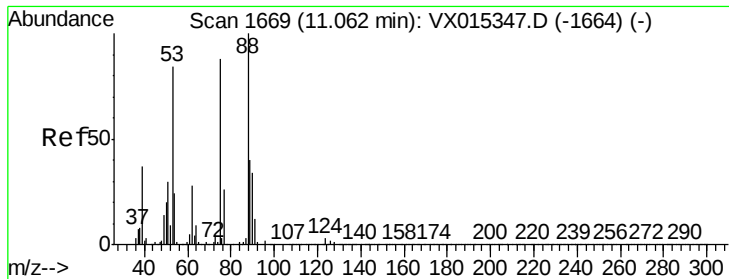
Tgt Ion: 105 Resp: 978559

Ion Ratio Lower Upper

105 100

120 48.7 0.0 98.0





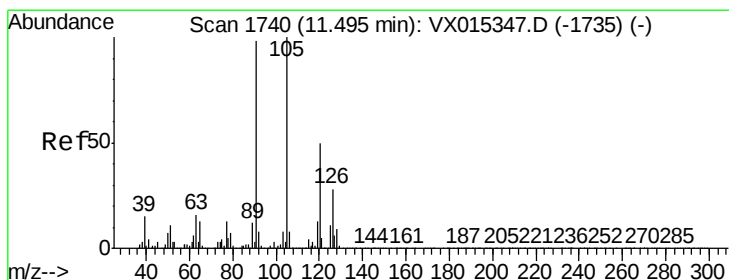
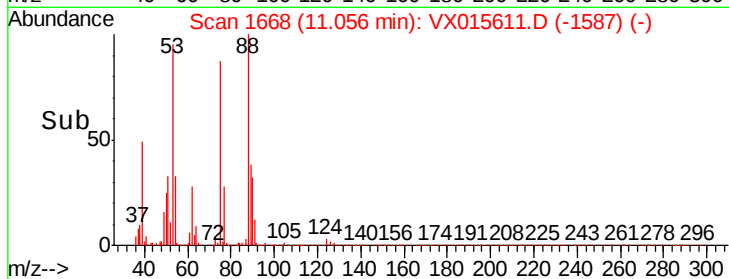
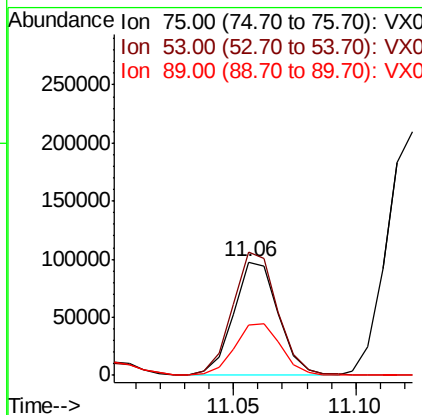
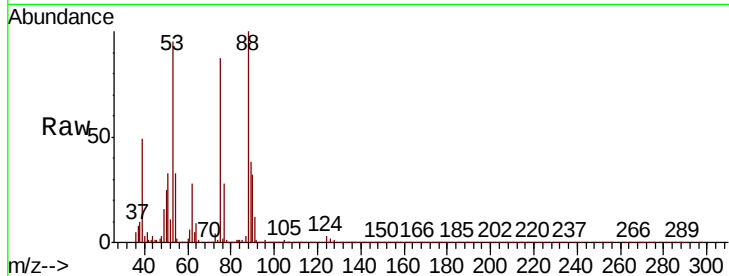
#77
t-1,4-Dichloro-2-butene
Concen: 16.513 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.0	47.5	142.6
89	43.7	22.8	68.3

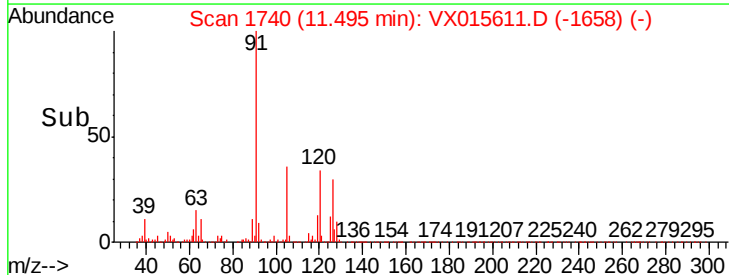
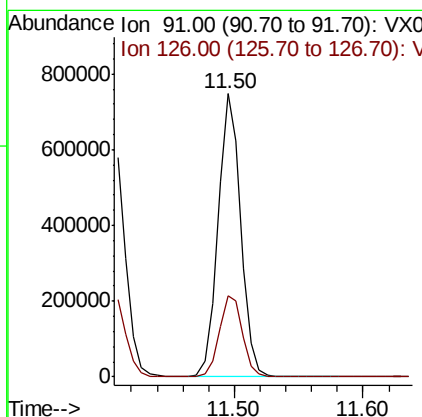
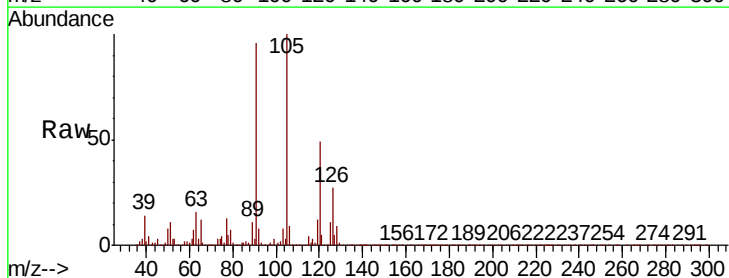
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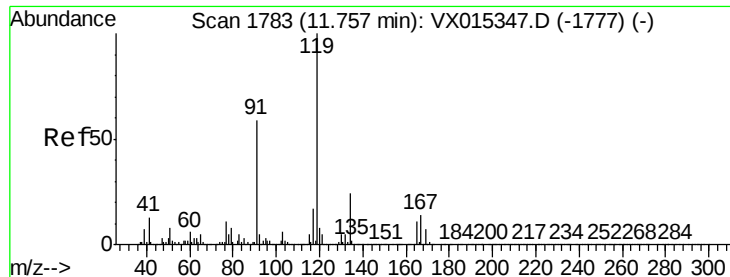
apatel
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#78
4-Chlorotoluene
Concen: 20.048 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	0.0	57.8





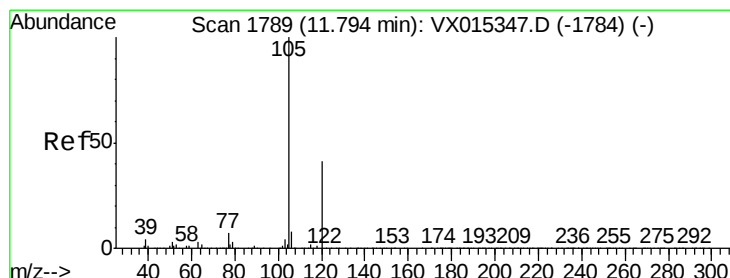
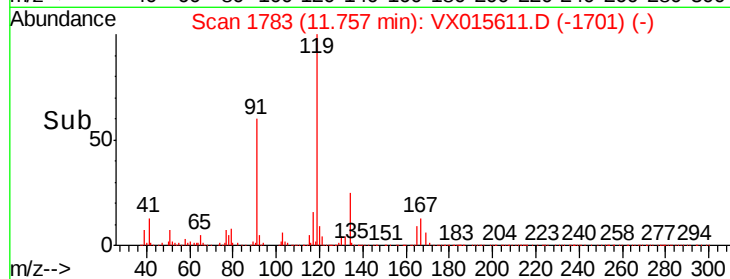
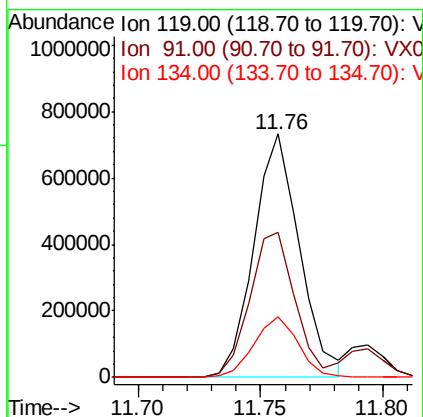
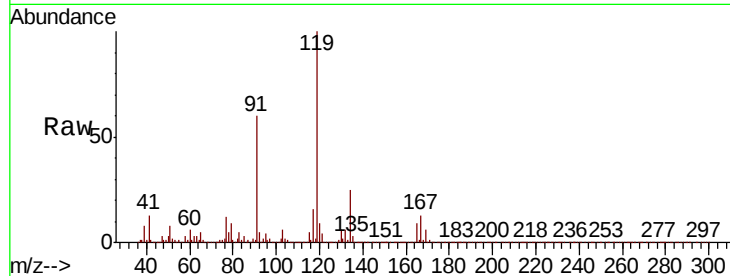
#79
tert-butylbenzene
Concen: 19.307 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	948896		
91	58.7	0.0	115.8	
134	24.0	0.0	47.0	

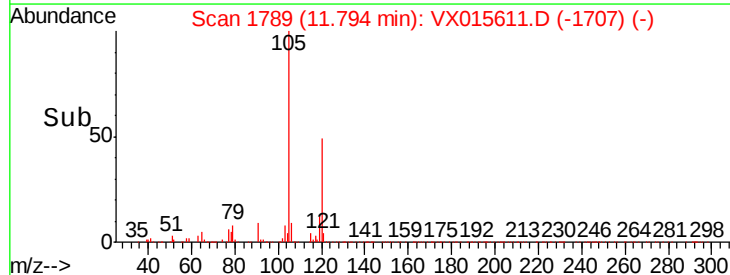
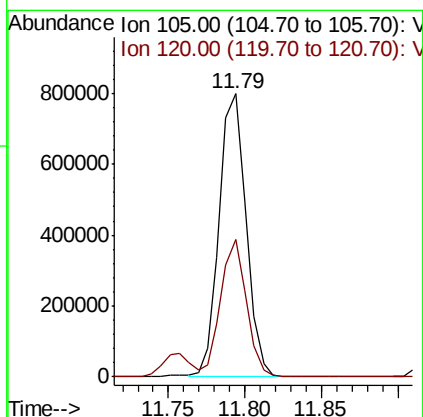
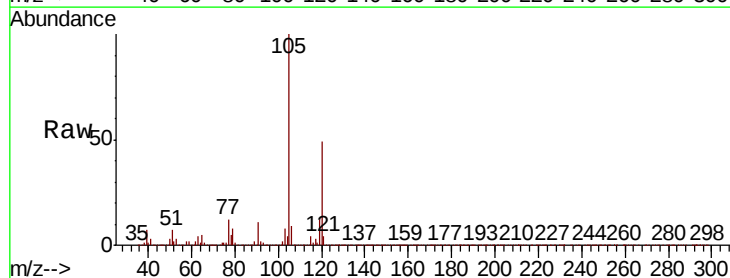
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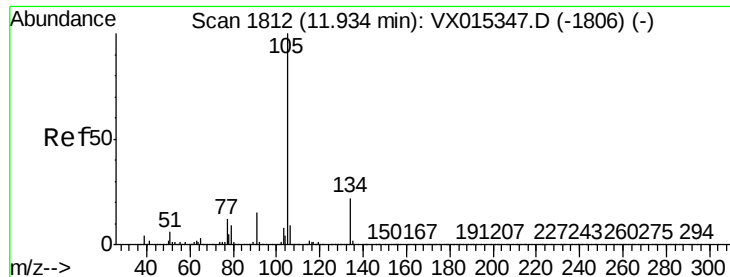
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 19.629 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	977796		
120	46.5	0.0	91.0	





#81

sec-Butylbenzene

Concen: 19.780 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:105 Resp: 1115180

Ion Ratio Lower Upper

105 100

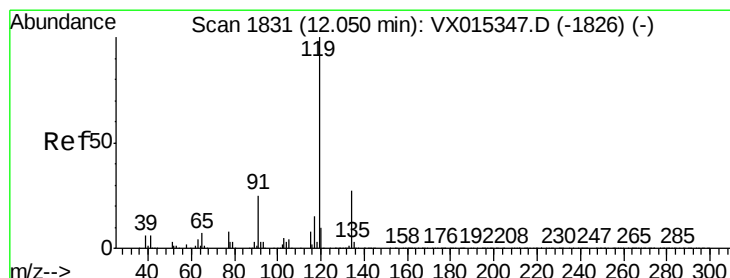
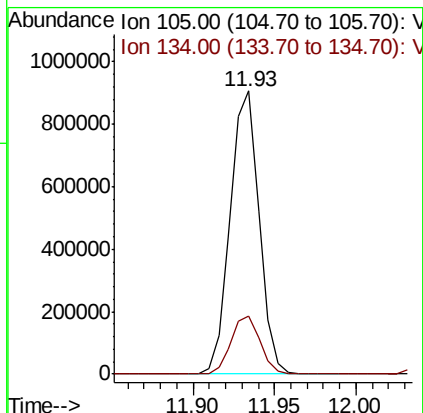
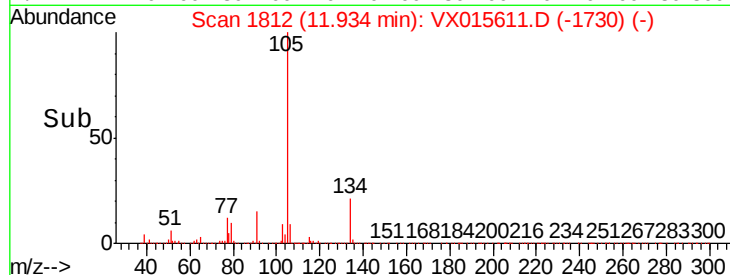
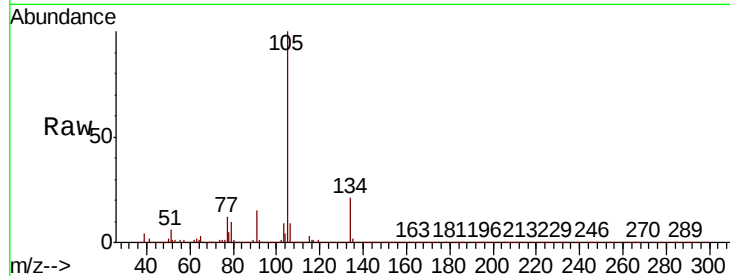
134 20.6 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 19.983 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

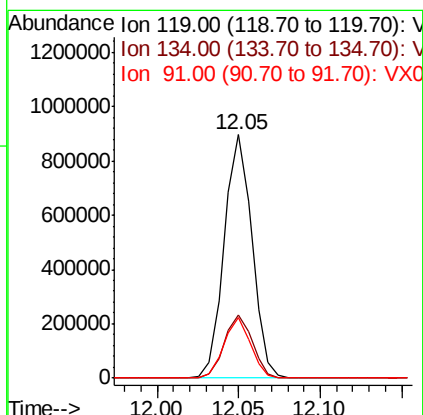
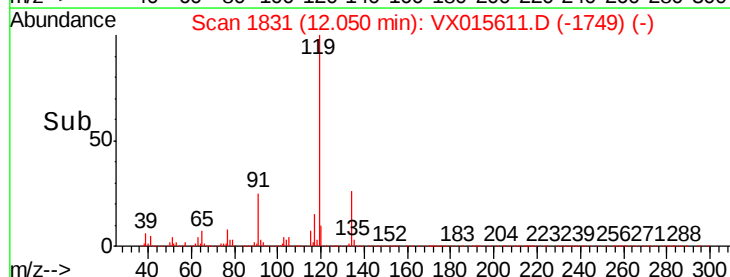
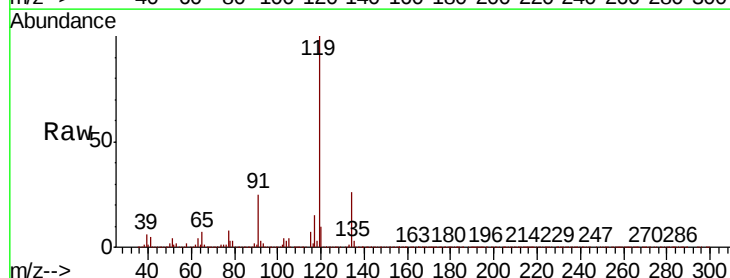
Tgt Ion:119 Resp: 1061844

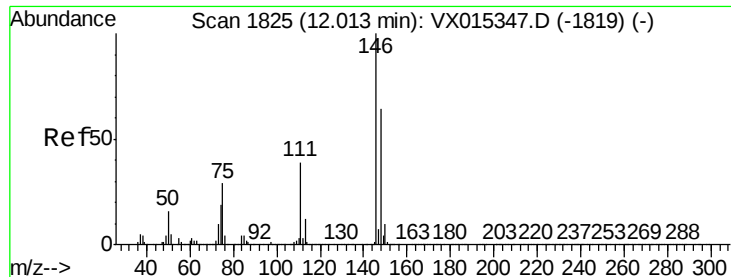
Ion Ratio Lower Upper

119 100

134 26.0 0.0 53.2

91 23.9 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 19.351 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

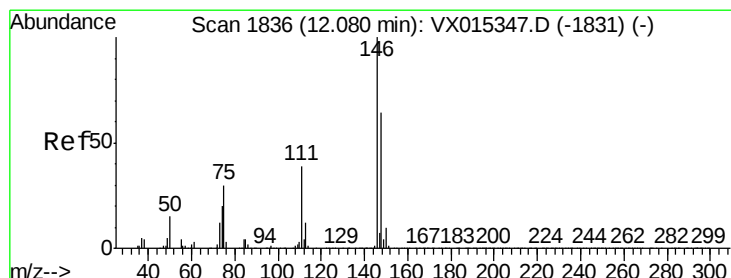
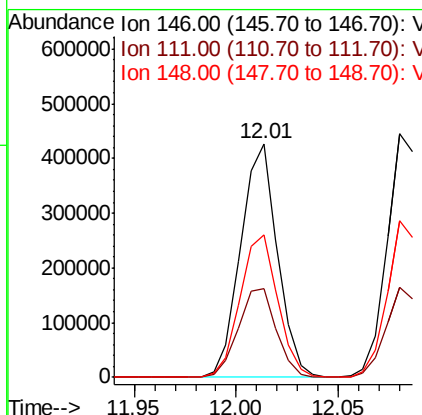
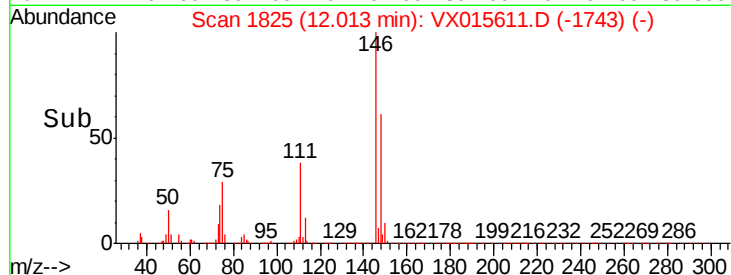
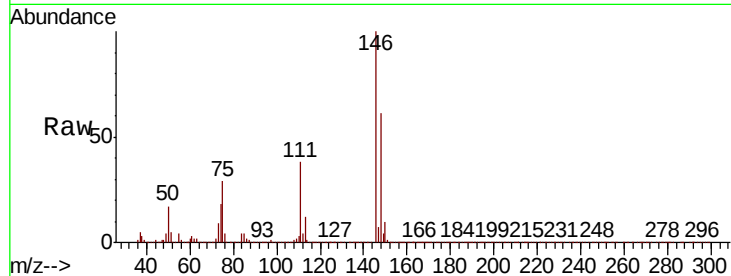
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	534854
Ion Ratio	Lower	Upper	
146	100		
111	39.3	20.1	60.2
148	62.3	31.4	94.2

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#84

1,4-Dichlorobenzene

Concen: 20.153 ug/l

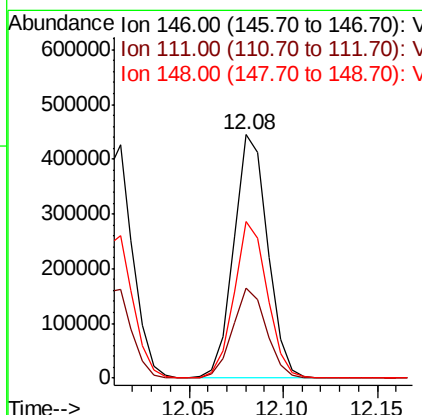
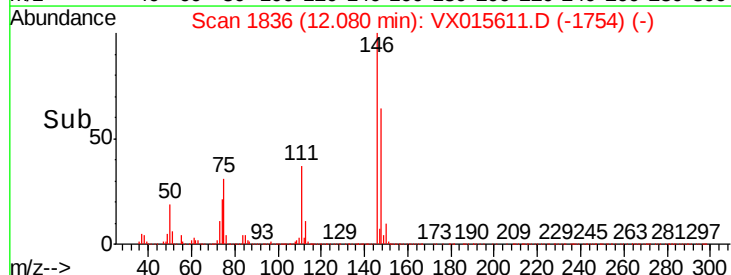
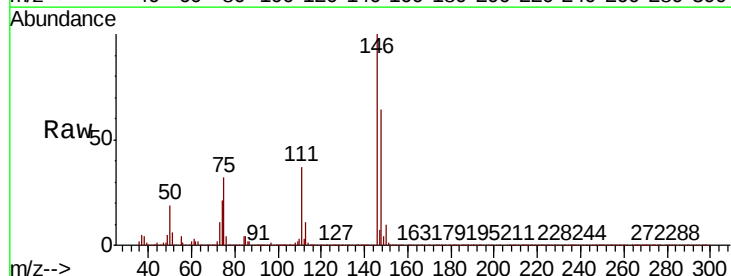
RT: 12.08 min Scan# 1836

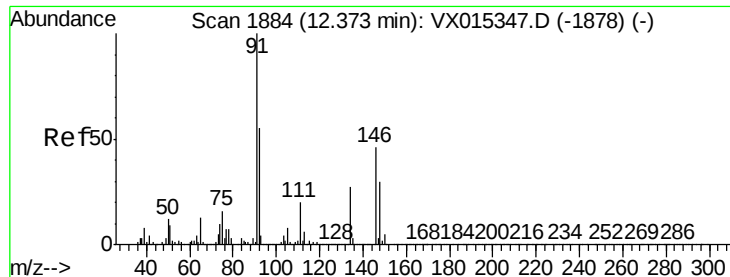
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	146	Resp:	555875
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.9	56.9
148	63.0	31.4	94.3





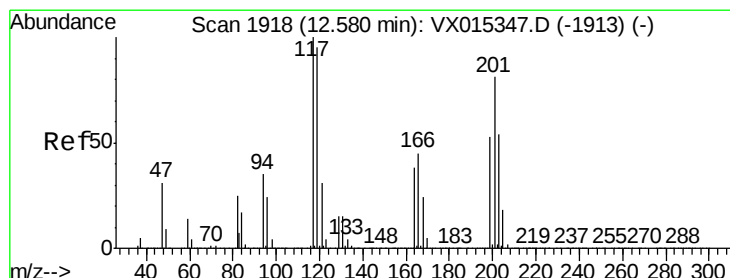
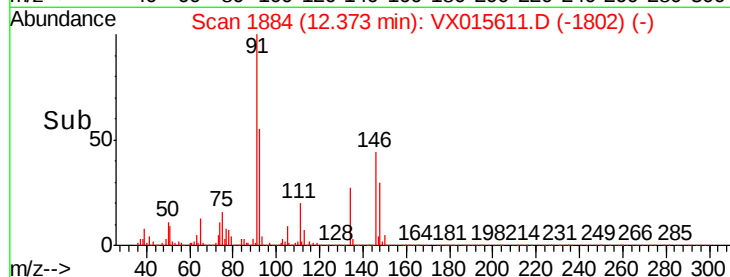
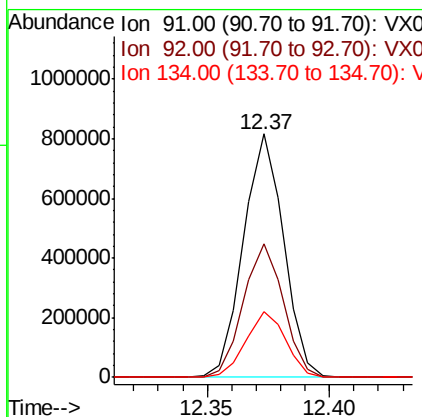
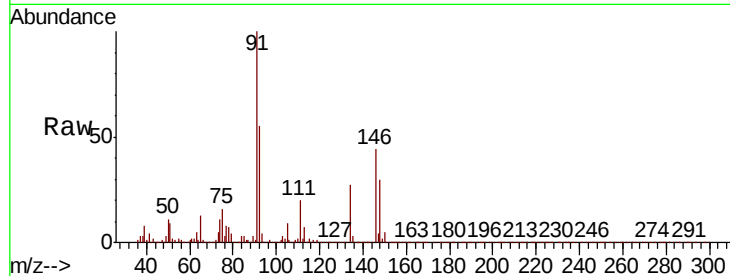
#85
n-Butylbenzene
Concen: 19.752 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.8	0.0	109.0	
134	26.8	0.0	54.0	

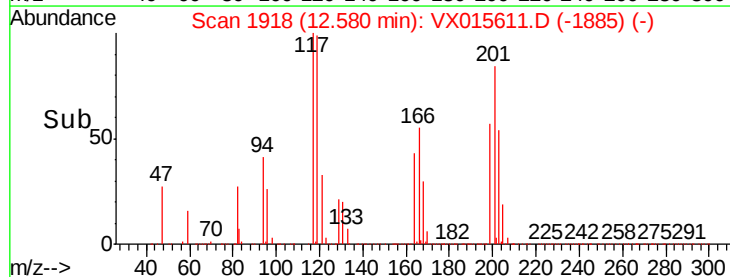
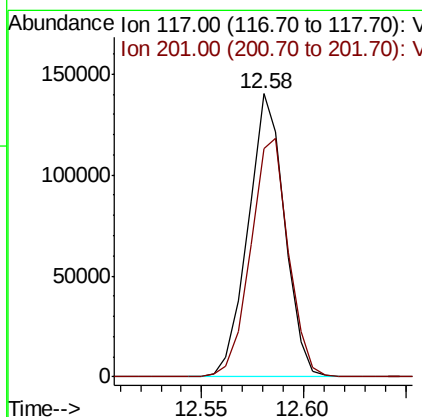
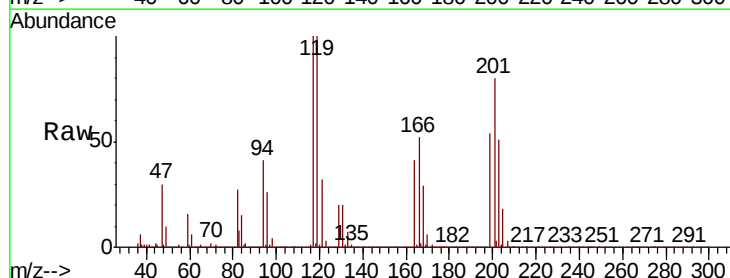
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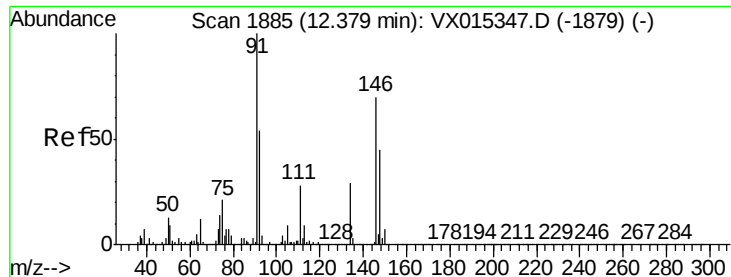
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#86
Hexachloroethane
Concen: 17.086 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.7	44.9	134.5	





#87

1,2-Dichlorobenzene

Concen: 19.168 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

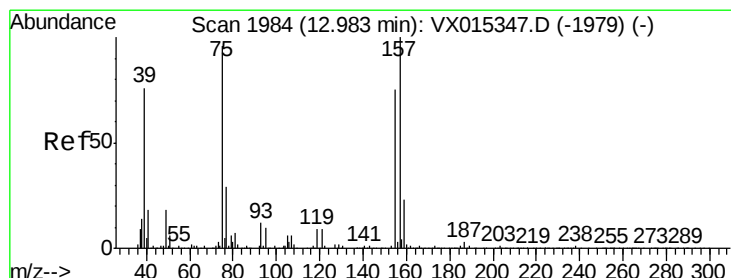
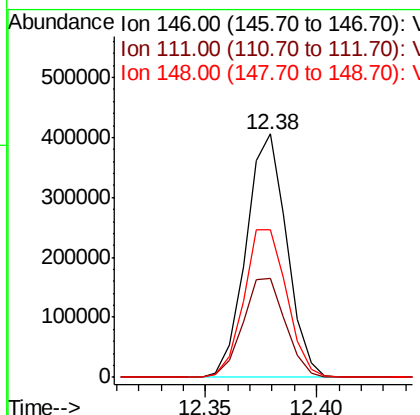
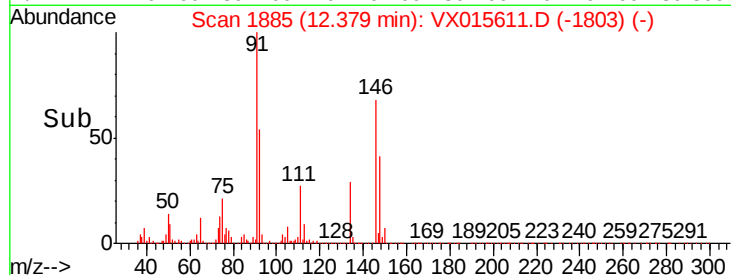
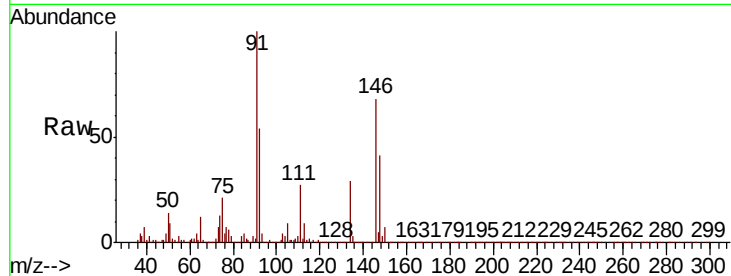
ClientSampled :

VSTDCCC020

Tot Ion:	146	Resp:	516876
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.4	61.2
148	64.0	31.9	95.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.457 ug/l

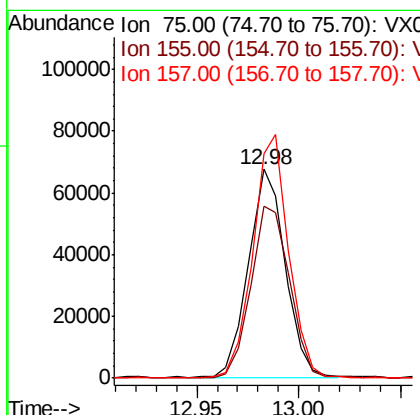
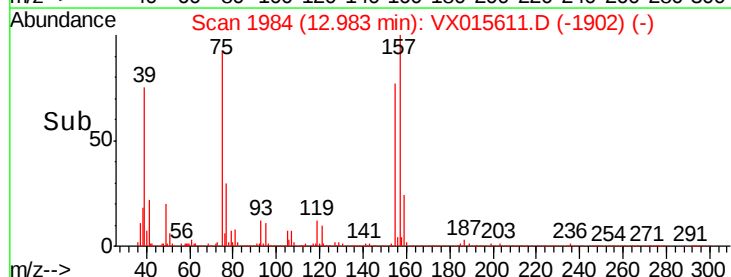
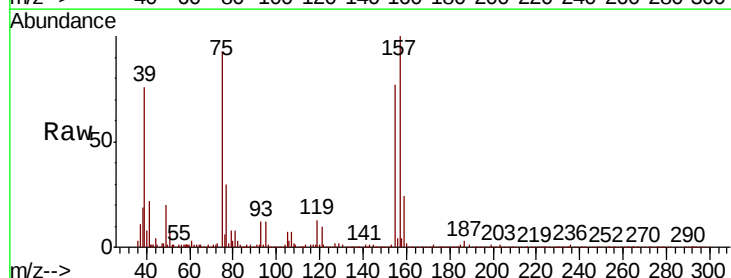
RT: 12.98 min Scan# 1984

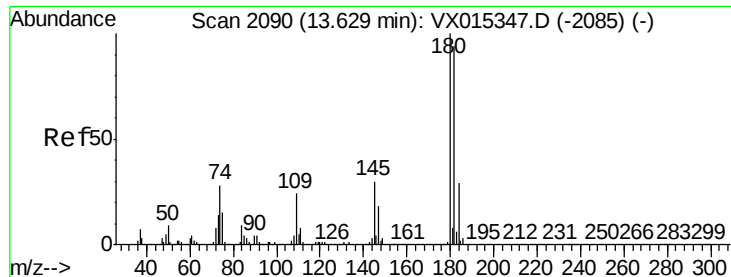
Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion:	75	Resp:	85339
Ion Ratio	Lower	Upper	
75	100		
155	85.3	67.7	101.5
157	112.9	88.5	132.7





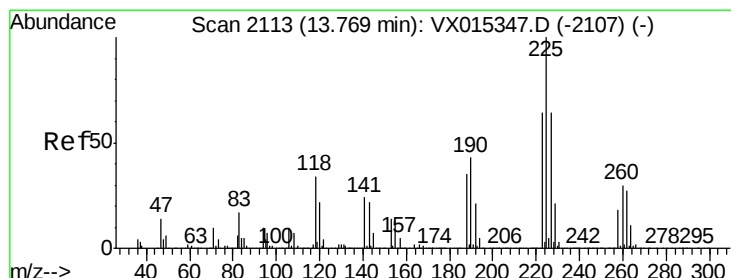
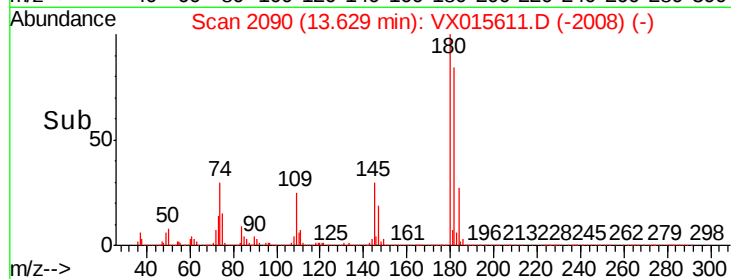
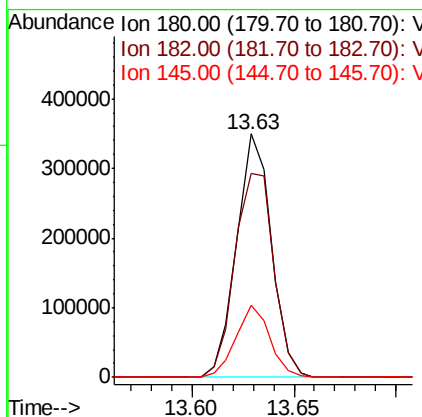
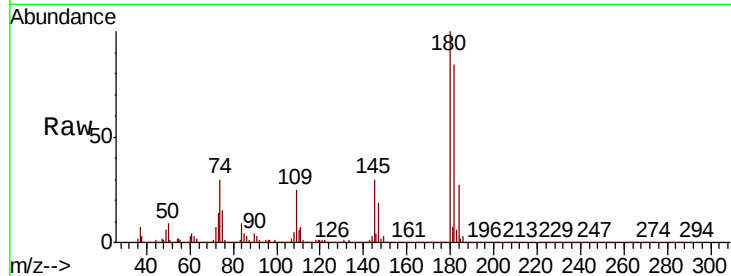
#89
 1,2,4-Trichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	414333		
182	93.9	76.9	115.3	
145	28.9	24.3	36.5	

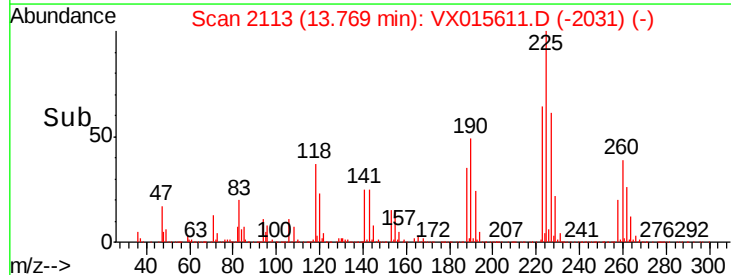
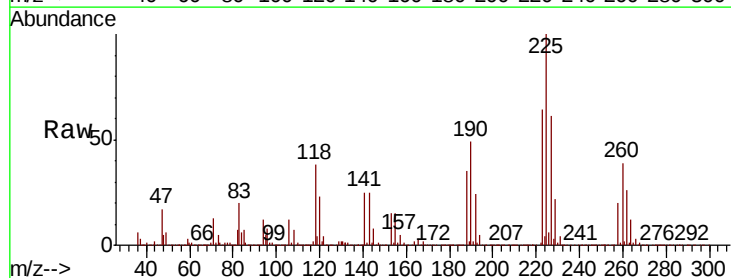
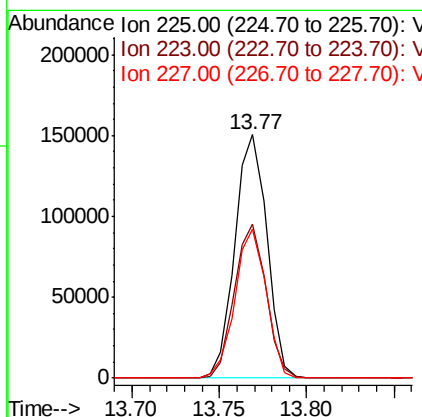
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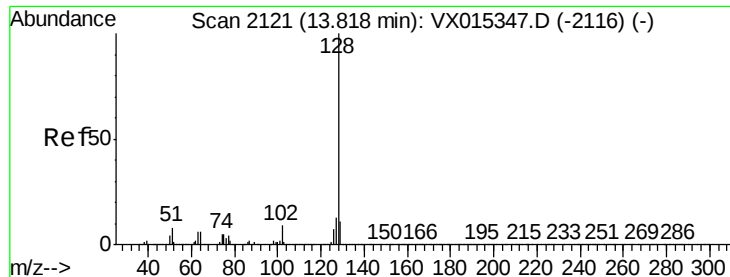
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#90
 Hexachlorobutadiene
 Concen: 16.813 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192397		
223	61.9	0.0	127.0	
227	59.7	0.0	126.8	





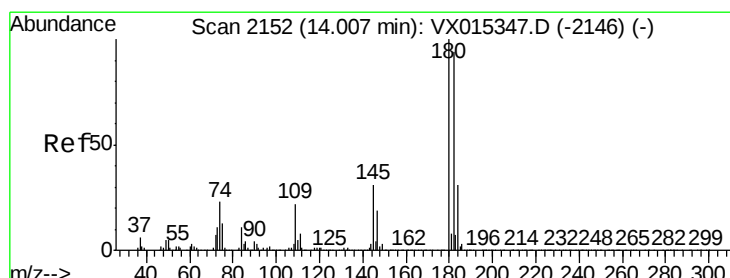
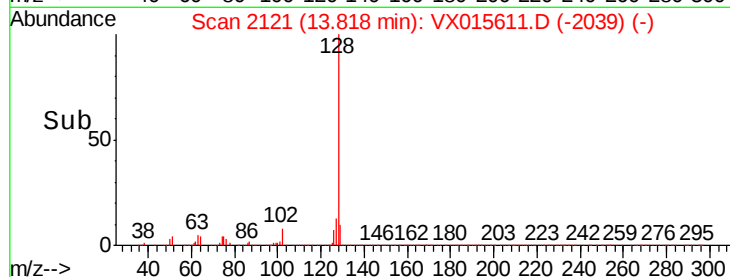
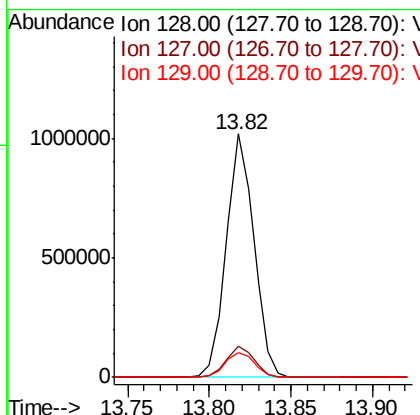
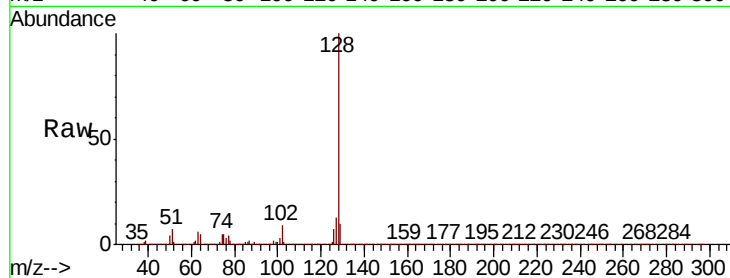
#91
Naphthalene
Concen: 19.129 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
4/13/2020 1:23:54 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.647 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	191.0
145	31.6	0.0	62.2

