

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032620\
 Data File : VX015353.D
 Acq On : 26 Mar 2020 11:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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 3/27/2020 5:59:43 PM

Quant Time: Mar 27 07:58:13 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	250093	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	1419494	30.00	ug/l	-0.01
57) Chlorobenzene-d5	10.10	117	1301737	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	574960	29.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.07%
60) 4-Bromofluorobenzene	11.12	95	666793	29.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.77%
63) Toluene-d8	8.70	98	1651039	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	229033	19.177	ug/l 99
3) Chloromethane	1.31	50	280720	19.045	ug/l 98
4) Vinyl Chloride	1.39	62	284560	20.068	ug/l 99
5) Bromomethane	1.63	94	186982	24.770	ug/l 99
6) Chloroethane	1.71	64	180680	20.424	ug/l 98
7) Trichlorofluoromethane	1.92	101	415670	20.512	ug/l 99
8) Diethyl Ether	2.17	74	163987	21.033	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	283562	21.151	ug/l 98
10) 1,1-Dichloroethene	2.36	96	274341	20.146	ug/l 97
11) Methyl Iodide	2.49	142	376642	20.813	ug/l 98
12) Methyl Acetate	2.75	43	400093	20.079	ug/l 98
13) Acrolein	2.27	56	234884	90.611	ug/l 89
14) Acrylonitrile	3.11	53	853623	100.063	ug/l 99
15) Acetone	2.42	58	249111	114.839	ug/l 88
16) Carbon Disulfide	2.55	76	815965	20.497	ug/l 99
17) Allyl chloride	2.70	41	614536	19.988	ug/l 99
18) Methylene Chloride	2.83	84	308688	20.190	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	299487	20.330	ug/l 99
20) Diisopropyl ether	3.82	45	1112977	20.184	ug/l 97
21) 1,1-Dichloroethane	3.67	63	561833	19.960	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	343020	20.213	ug/l 98
23) tert-Butyl Alcohol	3.01	59	429437	102.341	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1028510	20.342	ug/l 100
25) Chloroform	5.17	83	561390	20.177	ug/l 98
26) Cyclohexane	5.54	56	538917	20.038	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	430140	20.169	ug/l 100
30) 2-Butanone	4.63	43	1323204	103.501	ug/l 99
31) 2,2-Dichloropropane	4.55	77	545062	21.239	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	526120	20.220	ug/l 99
33) Carbon Tetrachloride	5.75	117	479028	20.202	ug/l 97
34) Benzene	6.11	78	1230795	20.024	ug/l 98
35) Methacrylonitrile	5.00	41	282870	19.512	ug/l 96
36) 1,2-Dichloroethane	6.16	62	474987	19.999	ug/l 98
37) Trichloroethene	7.18	130	357287	20.644	ug/l 99
38) Methylcyclohexane	7.44	83	540889	20.689	ug/l 98
39) 1,2-Dichloropropane	7.49	63	329414	19.953	ug/l 98
40) Dibromomethane	7.64	93	216618	19.712	ug/l 96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	471383	19.738	ug/l	98
42) Vinyl Acetate	3.78	43	5040930	104.064	ug/l	100
43) Ethyl Acetate	4.79	43	518317	18.638	ug/l	98
44) Isopropyl Acetate	6.41	43	882631	19.722	ug/l	99
45) 1,4-Dioxane	7.72	88	173640	421.159	ug/l	98
46) Methyl methacrylate	7.75	41	441079	19.750	ug/l	99
47) n-amyl Acetate	10.88	43	755733	19.584	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	553716	20.084	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	579444	20.362	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	315546	20.009	ug/l	99
51) Ethyl methacrylate	9.16	69	535610	19.748	ug/l	98
52) 1,3-Dichloropropane	9.36	76	549712	20.181	ug/l	99
53) Dibromochloromethane	9.56	129	398741	20.511	ug/l	99
54) 1,2-Dibromoethane	9.65	107	345151	20.397	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	1284602	100.281	ug/l	100
56) Bromoform	10.84	173	334692	20.938	ug/l #	96
58) 4-Methyl-2-Pentanone	8.62	43	2522990	101.270	ug/l	100
59) 2-Hexanone	9.47	43	1976264	104.270	ug/l	99
61) Tetrachloroethene	9.32	164	358742	21.440	ug/l	99
62) Toluene	8.76	91	1339750	20.320	ug/l	98
64) Chlorobenzene	10.12	112	861199	20.315	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	350156	20.214	ug/l	99
66) Ethyl Benzene	10.23	91	1551344	20.596	ug/l	99
67) m/p-Xylenes	10.34	106	1170325	41.051	ug/l	99
68) o-Xylene	10.68	106	574552	20.618	ug/l	98
69) Styrene	10.70	104	992863	20.450	ug/l	100
70) Isopropylbenzene	11.00	105	1538955	20.832	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	467944	19.544	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	385790m	17.220	ug/l	
73) Bromobenzene	11.24	156	411390	20.746	ug/l	96
74) n-propylbenzene	11.34	91	1774842	20.946	ug/l	99
75) 2-Chlorotoluene	11.40	91	1054459	20.461	ug/l	97
76) 1,3,5-Trimethylbenzene	11.49	105	1320418	20.814	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	187256	19.396	ug/l	94
78) 4-Chlorotoluene	11.50	91	1228323	20.603	ug/l	98
79) tert-butylbenzene	11.76	119	1326716	20.925	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1335179	20.776	ug/l	100
81) sec-Butylbenzene	11.93	105	1527245	20.998	ug/l	100
82) p-Isopropyltoluene	12.05	119	1439652	21.001	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	738419	20.709	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	738979	20.767	ug/l	98
85) n-Butylbenzene	12.37	91	1284136	21.016	ug/l	98
86) Hexachloroethane	12.58	117	267604	20.198	ug/l	91
87) 1,2-Dichlorobenzene	12.38	146	717542	20.626	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	119357	18.926	ug/l	92
89) 1,2,4-Trichlorobenzene	13.63	180	582894	20.800	ug/l	99
90) Hexachlorobutadiene	13.77	225	336680	22.806	ug/l	98
91) Naphthalene	13.82	128	1651208	20.348	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	575024	20.656	ug/l	99

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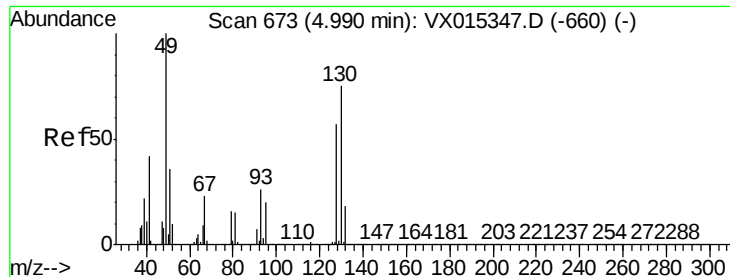
Manual Integrations
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QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

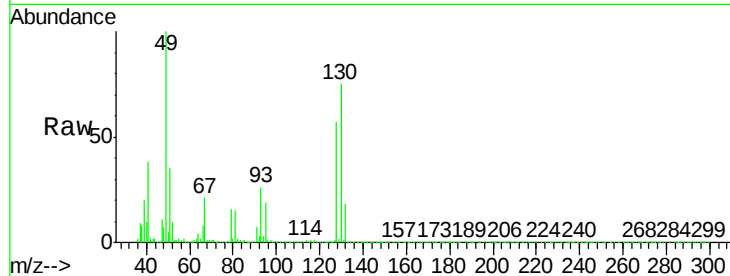
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

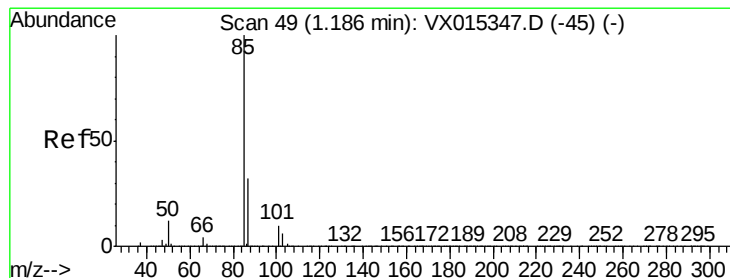
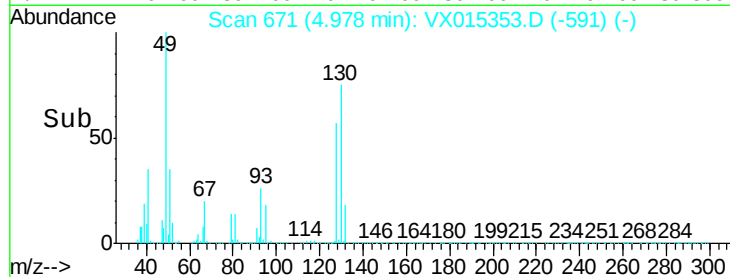
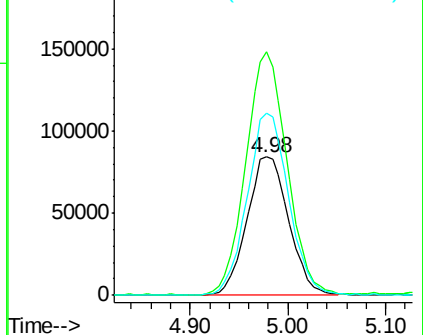
Tot Ion	Ratio	Resp	Lower	Upper
128	100	250093		
49	173.4	0.0	428.0	
130	131.1	0.0	324.5	

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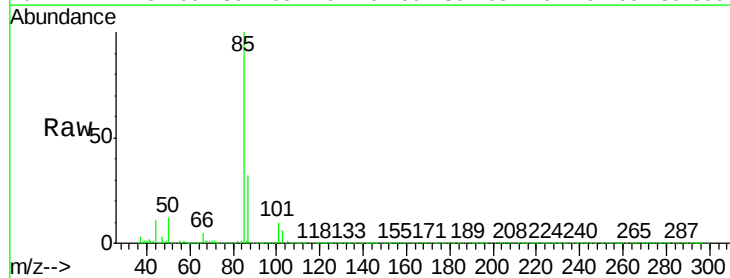
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



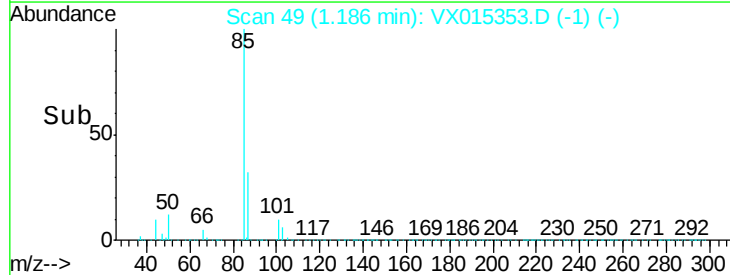
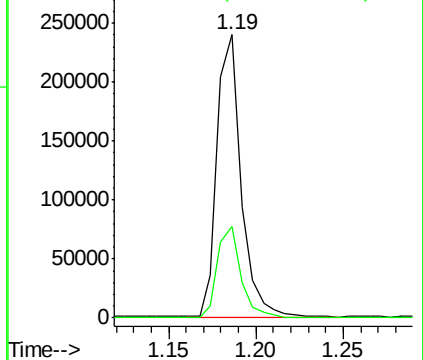
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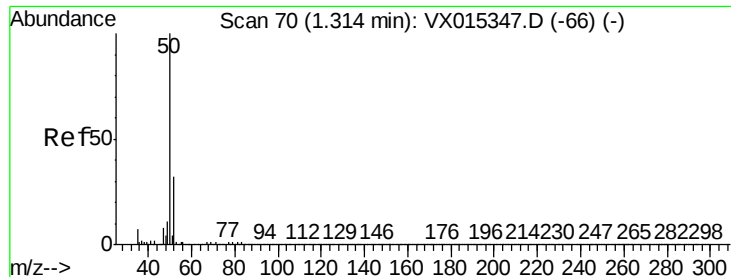
Dichlorodifluoromethane
 Concen: 19.177 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	229033		
87	32.3	16.3	48.9	



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.045 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 280720

Ion Ratio Lower Upper

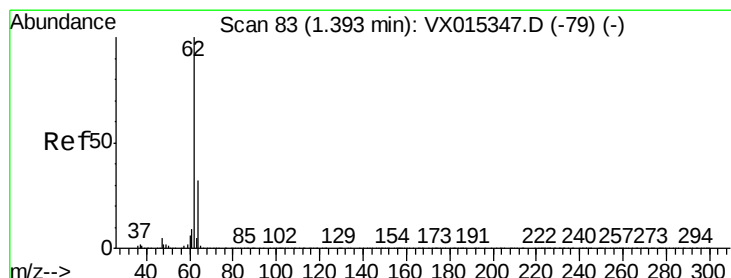
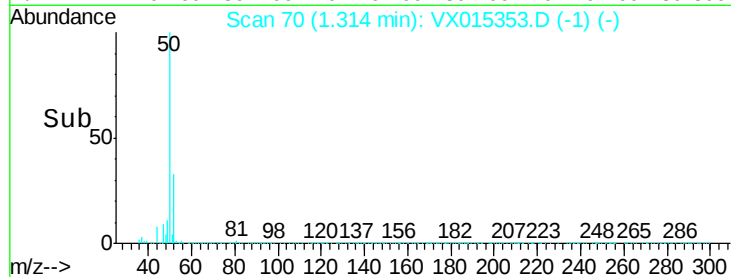
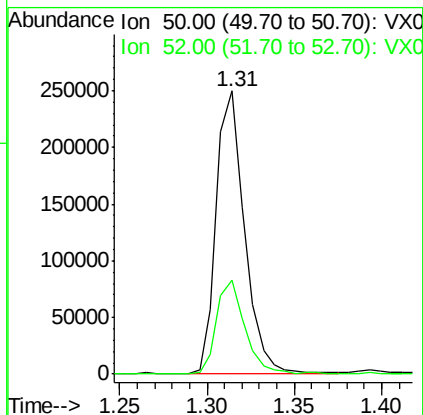
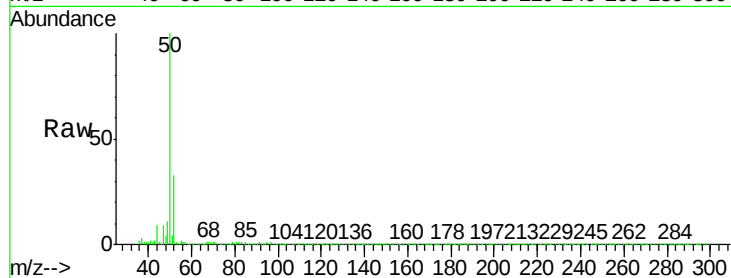
50 100

52 33.1 25.5 38.3

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#4

Vinyl Chloride

Concen: 20.068 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015353.D

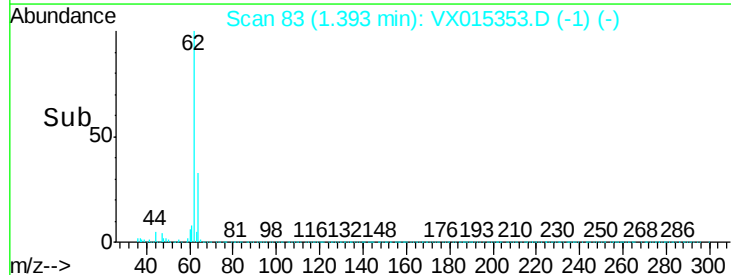
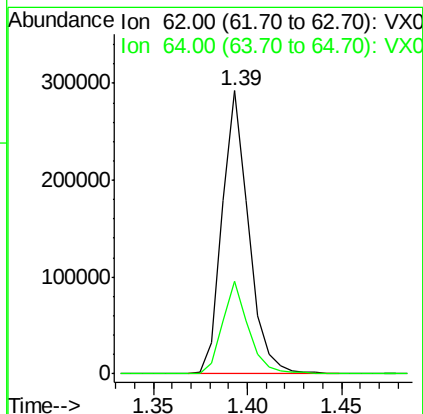
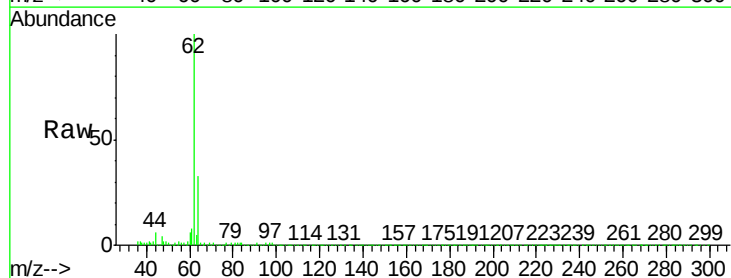
Acq: 26 Mar 2020 11:21

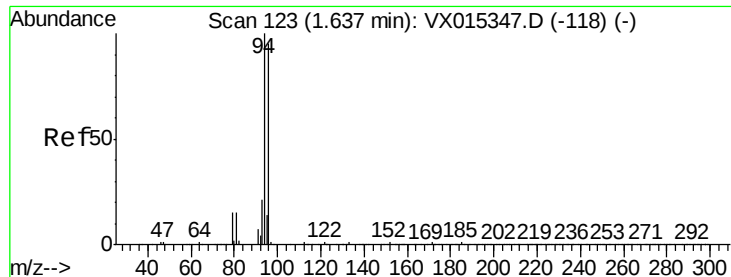
Tgt Ion: 62 Resp: 284560

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 24.770 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 186982

Ion Ratio Lower Upper

94 100

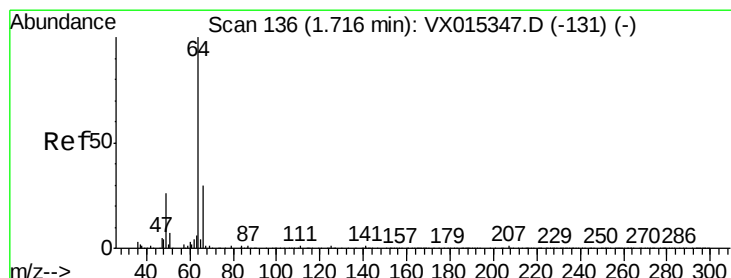
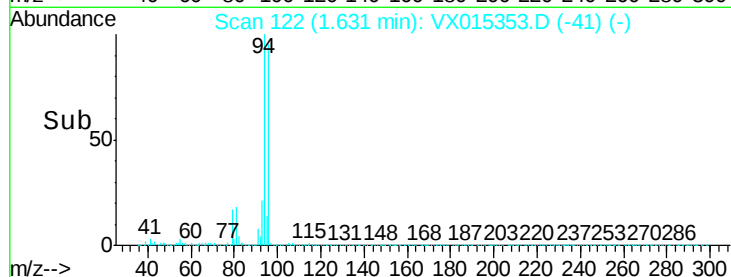
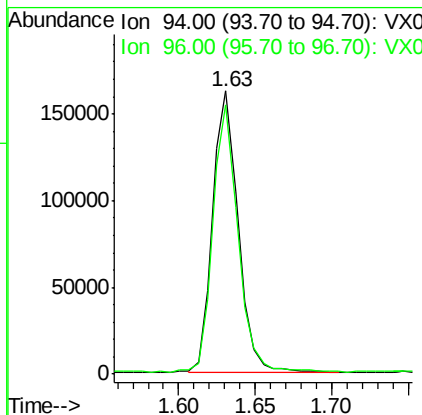
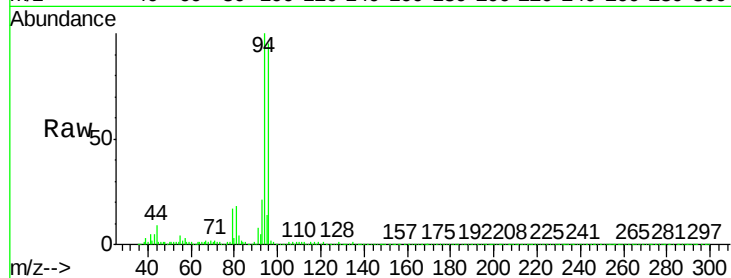
96 94.5 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 20.424 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX015353.D

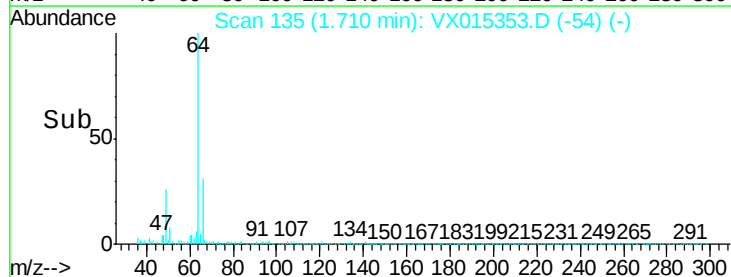
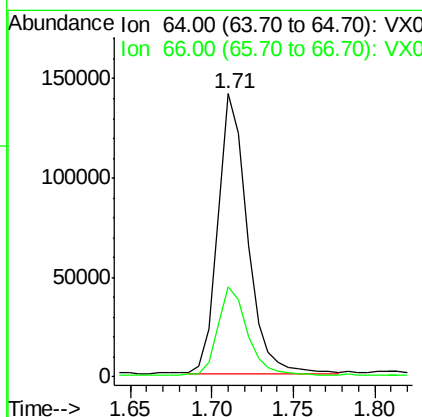
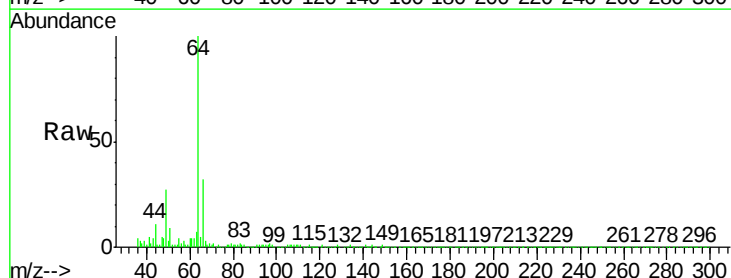
Acq: 26 Mar 2020 11:21

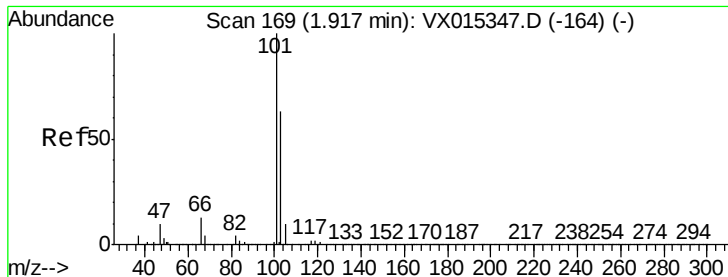
Tgt Ion: 64 Resp: 180680

Ion Ratio Lower Upper

64 100

66 31.6 24.3 36.5





#7

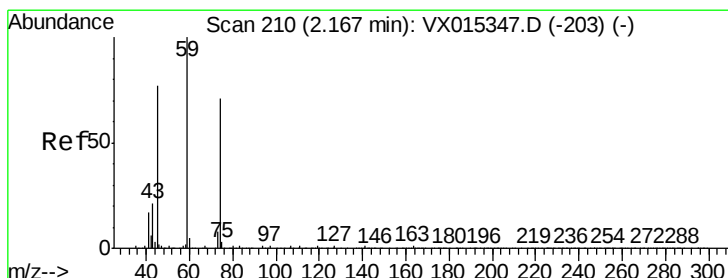
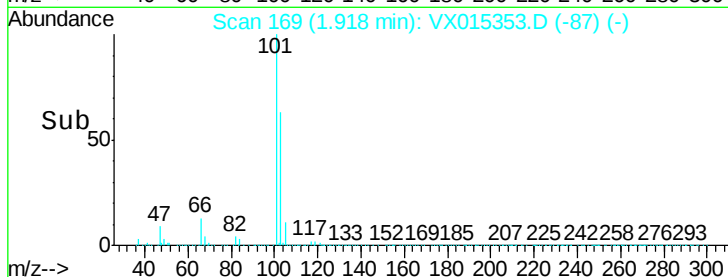
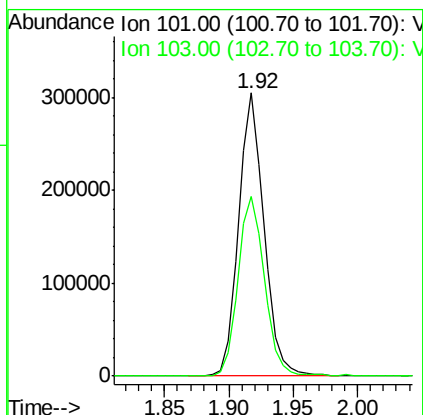
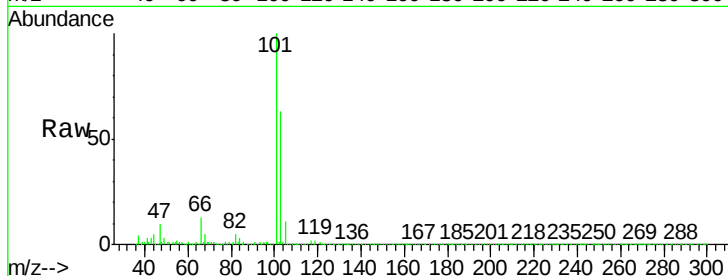
Trichlorofluoromethane
Concen: 20.512 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015353.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	49.9	74.9

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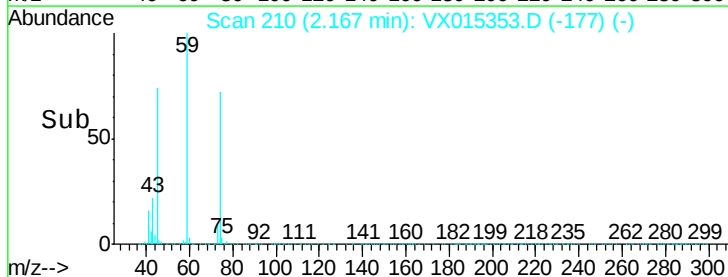
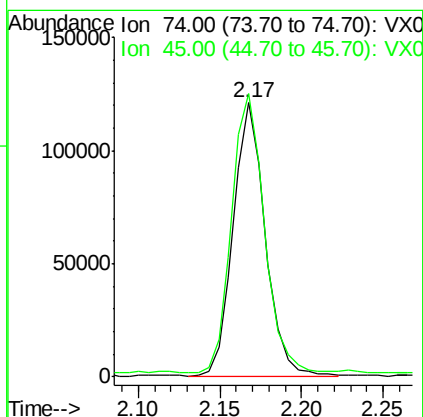
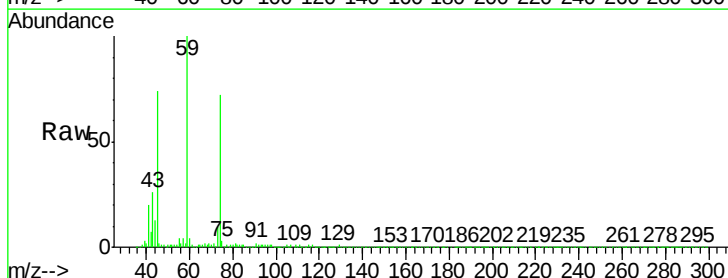
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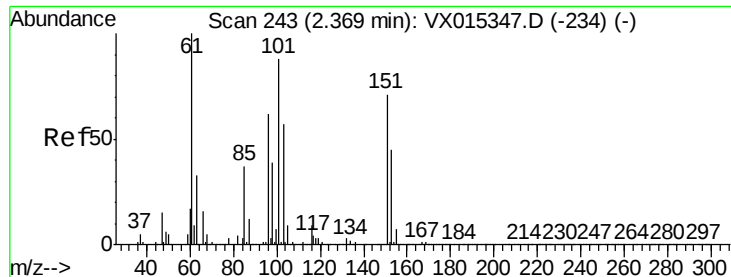


#8

Diethyl Ether
Concen: 21.033 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.2	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.151 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

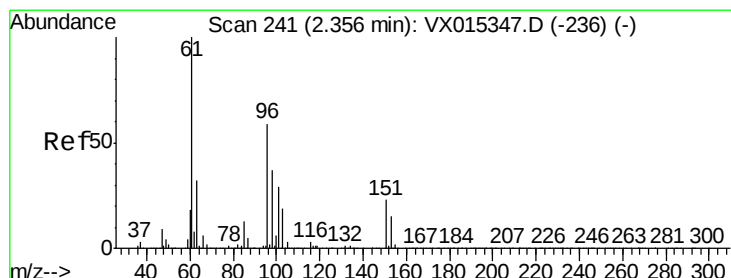
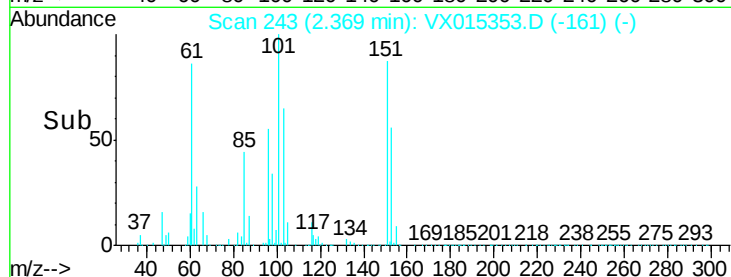
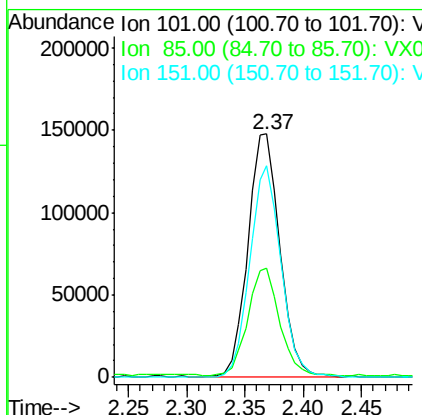
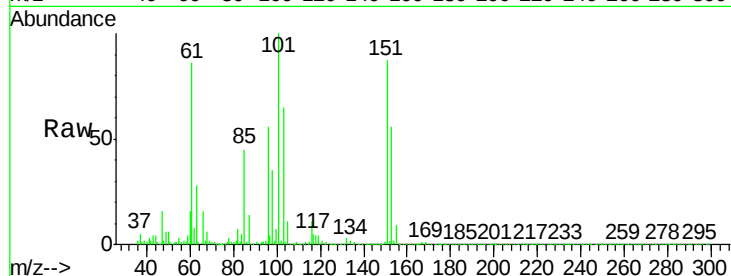
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	283562
Ion Ratio	Lower	Upper	
101	100		
85	43.4	0.0	85.8
151	84.6	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.146 ug/l

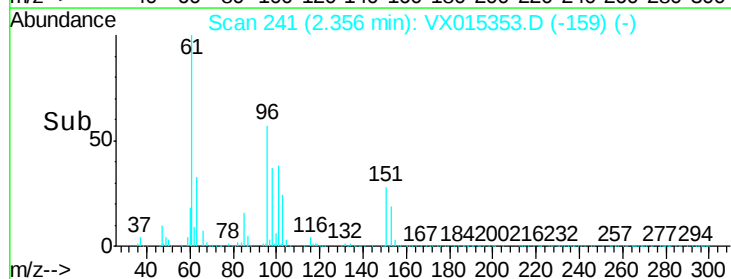
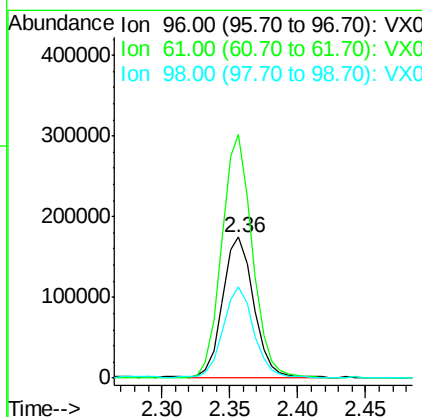
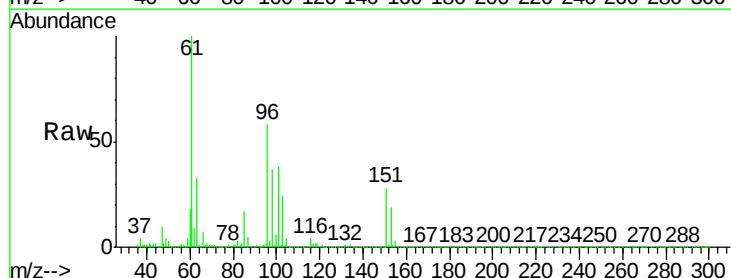
RT: 2.36 min Scan# 241

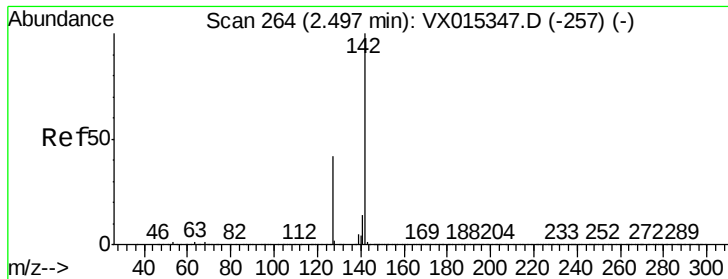
Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	96	Resp:	274341
Ion Ratio	Lower	Upper	
96	100		
61	173.5	135.5	203.3
98	64.4	50.2	75.2





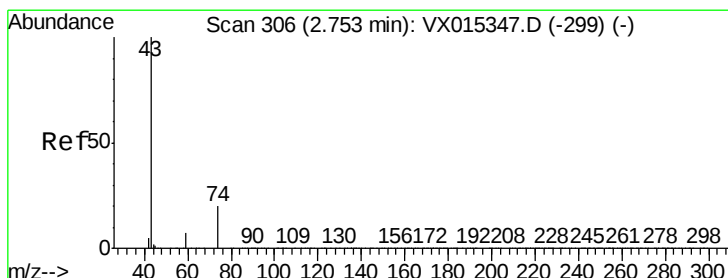
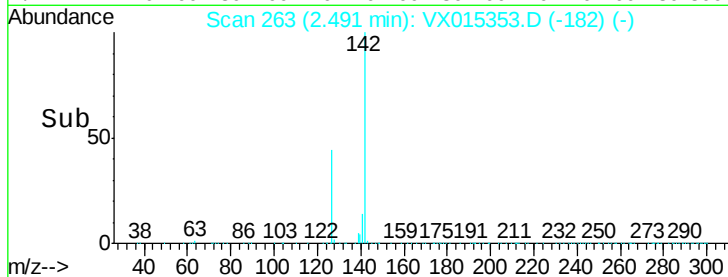
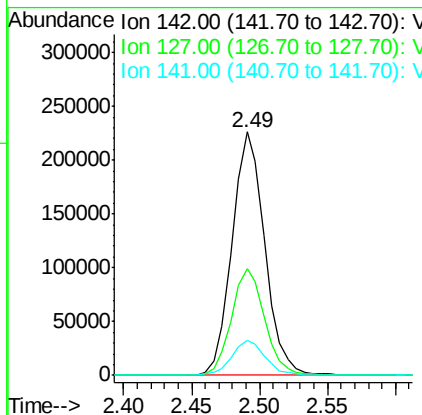
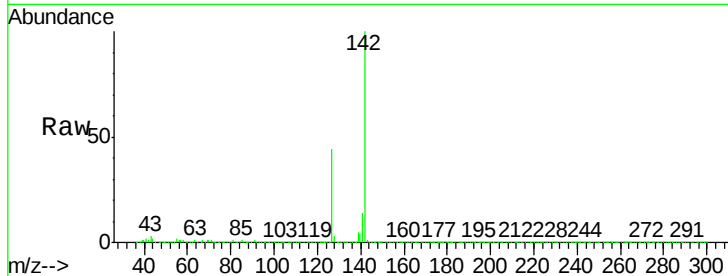
#11
Methyl Iodide
Concen: 20.813 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.6	21.0	63.0
141	14.1	6.9	20.7

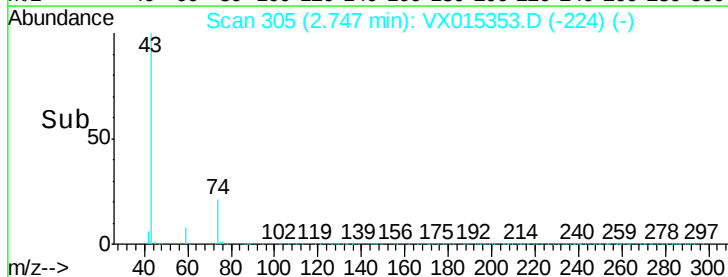
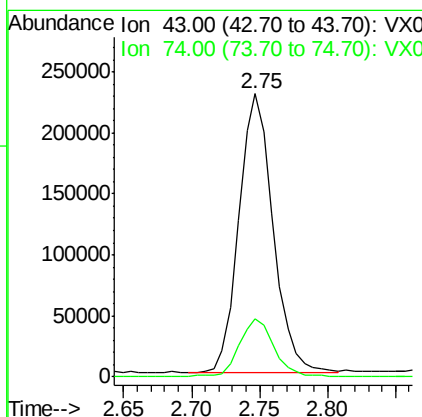
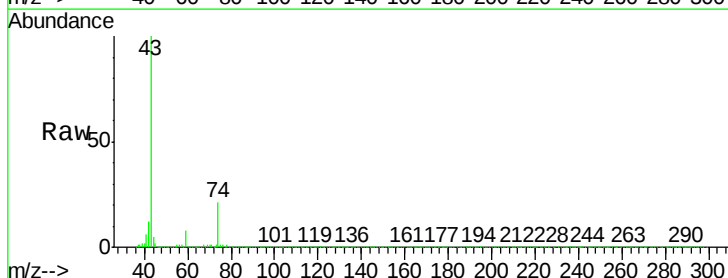
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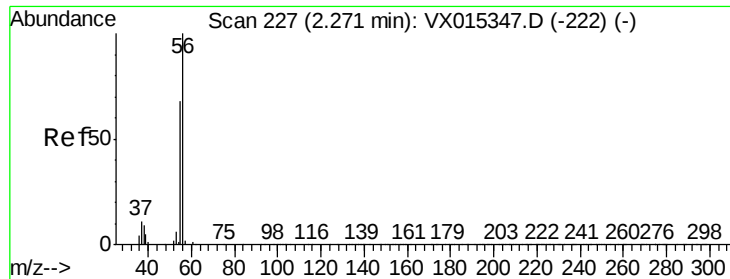
apatel
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#12
Methyl Acetate
Concen: 20.079 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	15.8	23.6





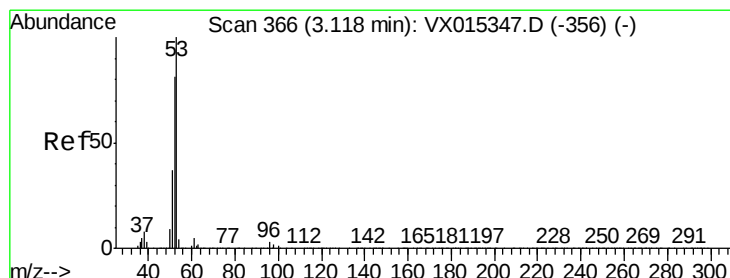
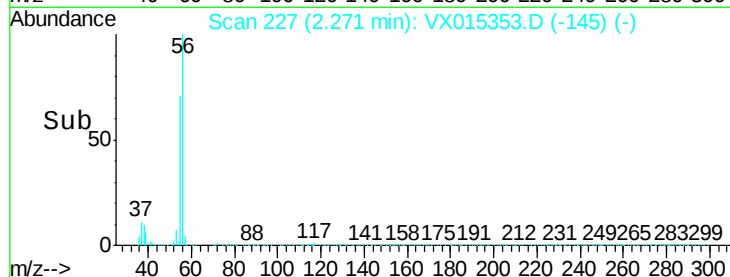
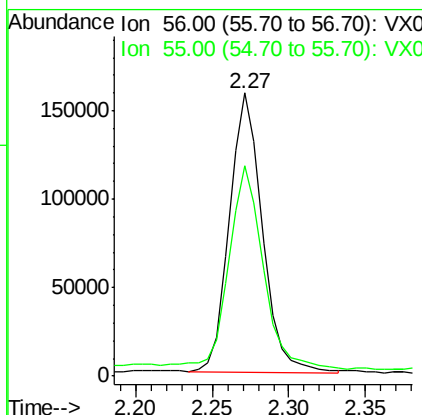
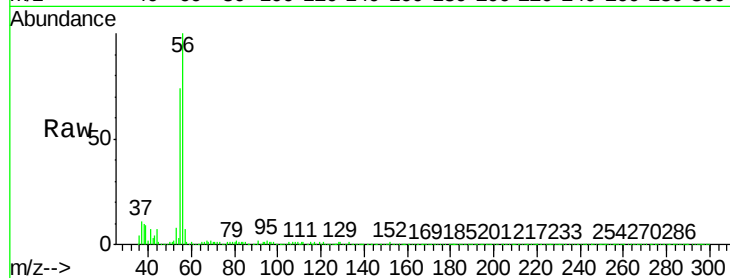
#13
Acrolein
Concen: 90.611 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	75.7	53.5	80.3	

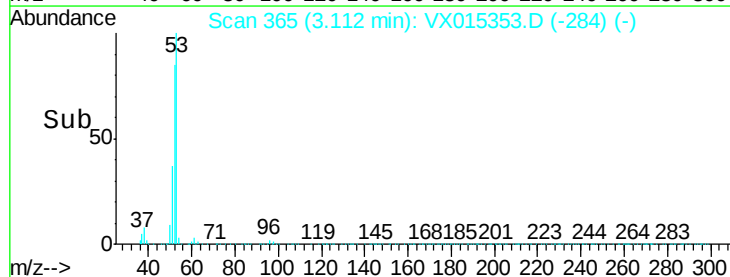
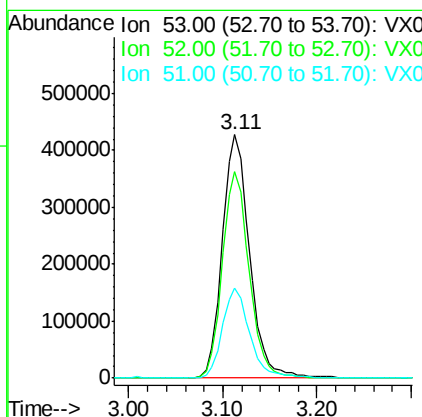
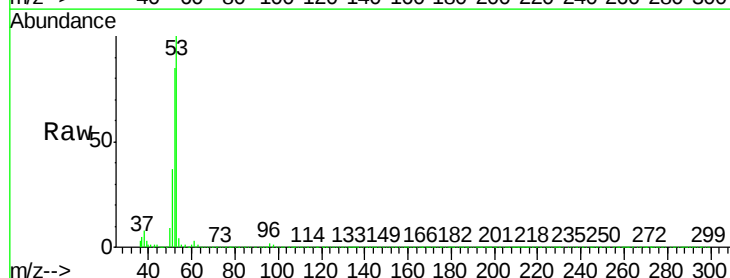
Manual Integrations
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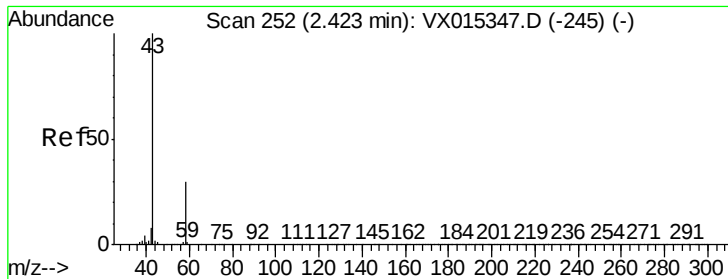
apatel
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#14
Acrylonitrile
Concen: 100.063 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.0	41.0	123.2	
51	37.0	18.4	55.4	





#15

Acetone

Concen: 114.839 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 249111

Ion Ratio Lower Upper

58 100

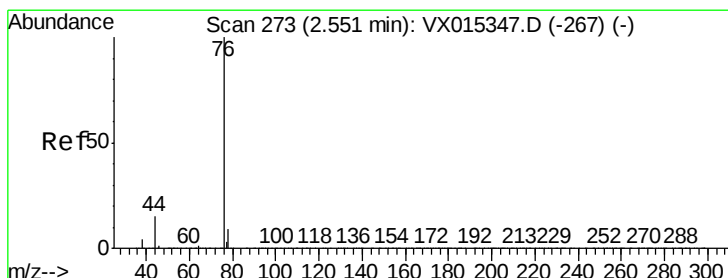
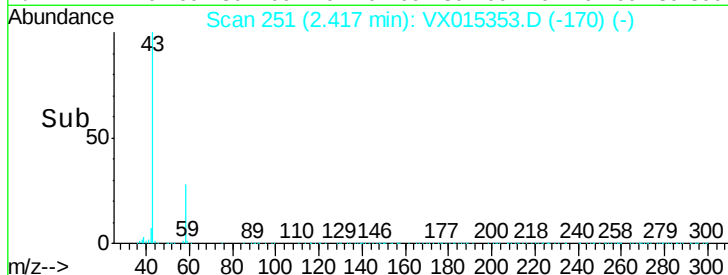
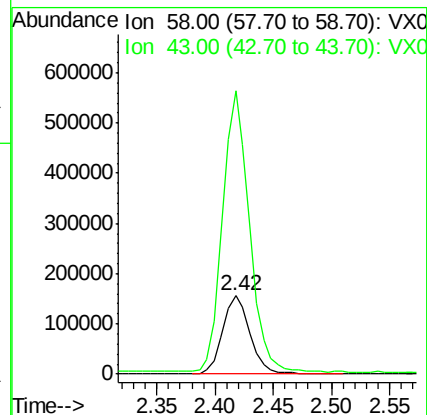
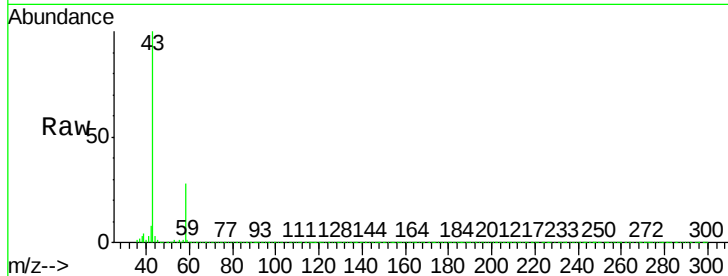
43 361.1 267.8 401.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 20.497 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015353.D

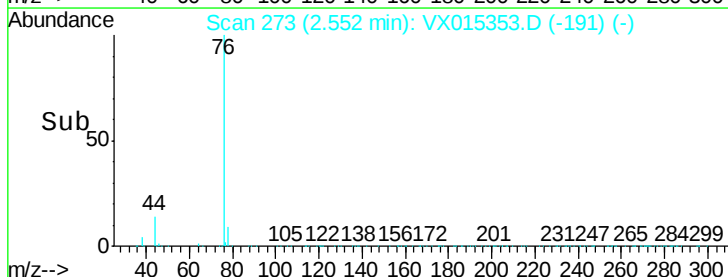
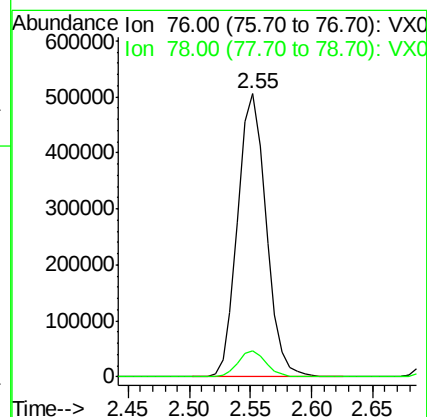
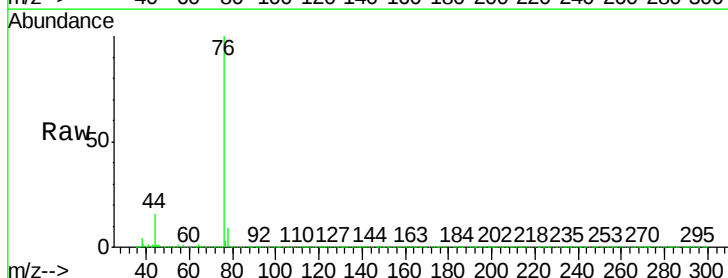
Acq: 26 Mar 2020 11:21

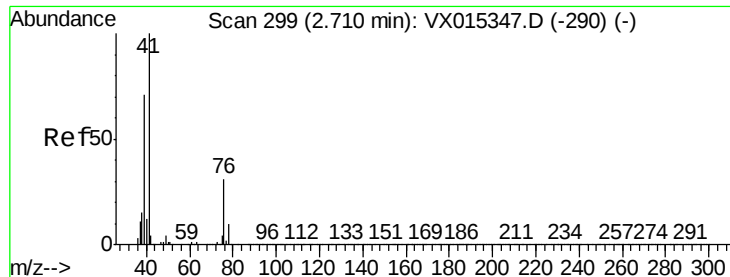
Tgt Ion: 76 Resp: 815965

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





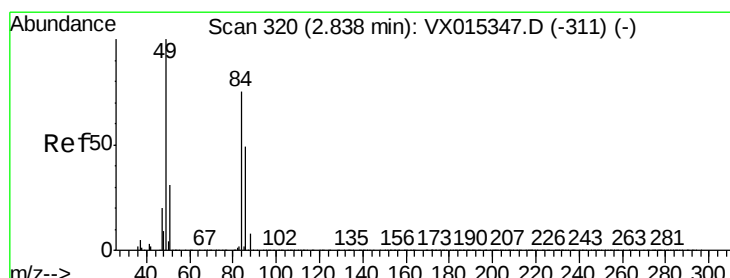
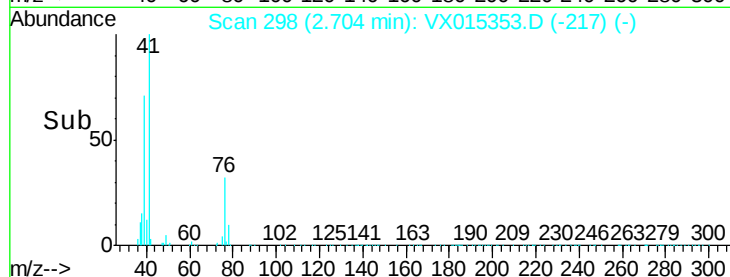
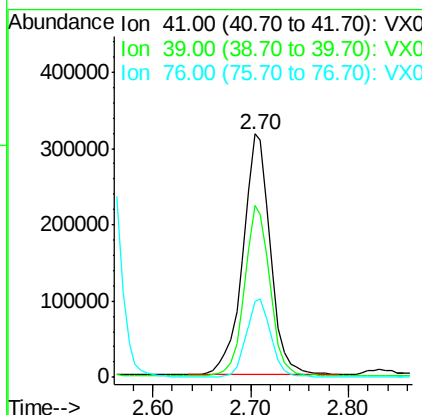
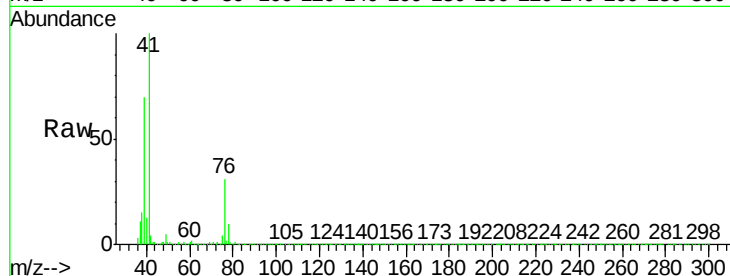
#17
Allvl chloride
Concen: 19.988 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100	614536		
39	70.7		35.6	106.8
76	31.5		15.4	46.4

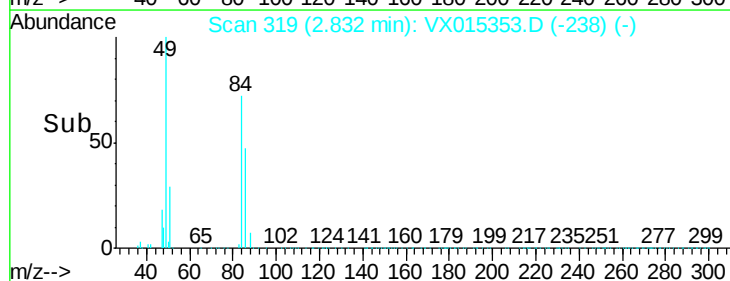
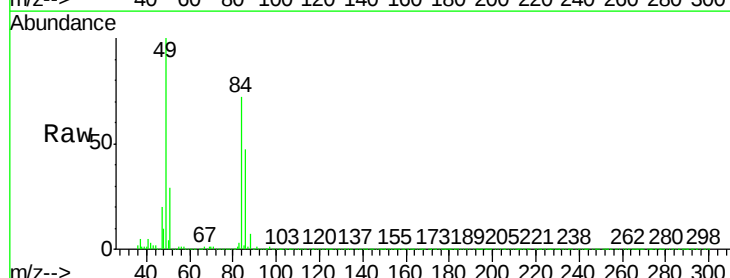
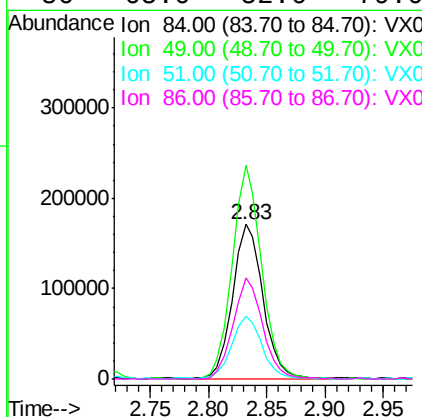
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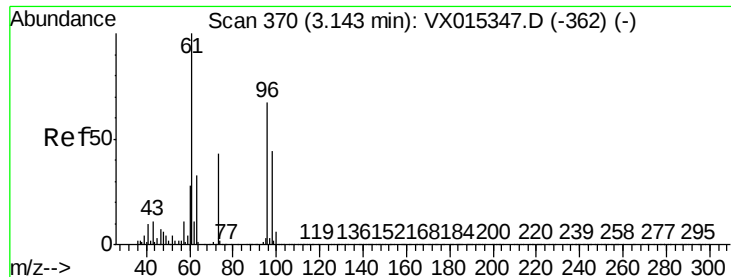
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#18
Methylene Chloride
Concen: 20.190 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	308688		
49	138.2		107.0	160.4
51	40.4		33.4	50.0
86	65.0		52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 20.330 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

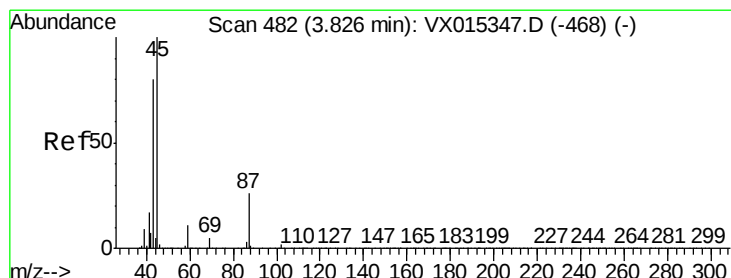
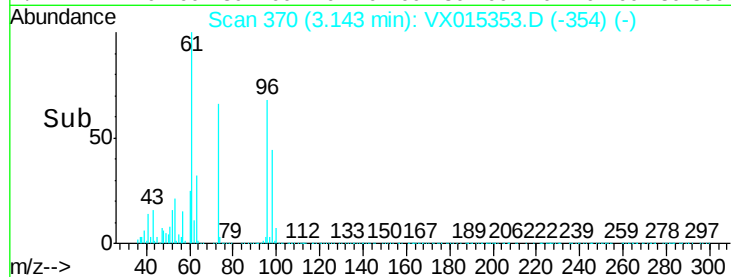
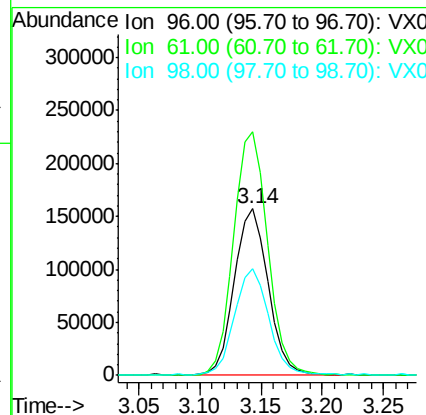
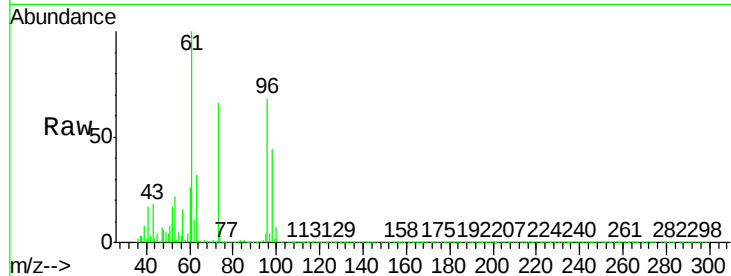
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	299487
Ion	Ratio	Lower	Upper
96	100		
61	146.5	118.2	177.2
98	63.7	51.9	77.9

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#20

Diisopropyl ether

Concen: 20.184 ug/l

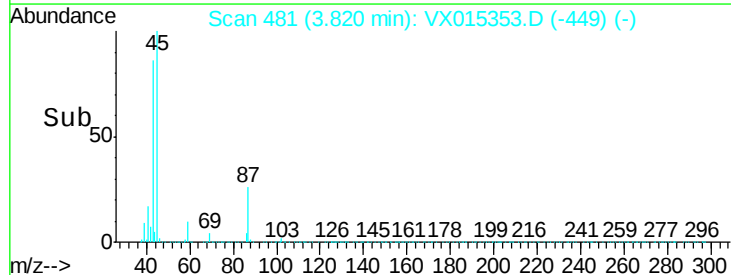
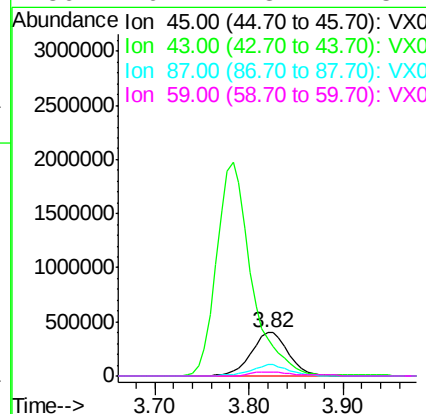
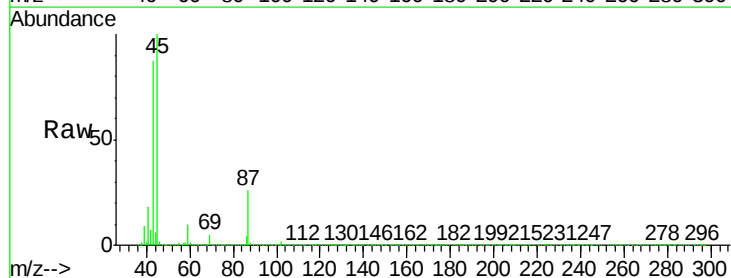
RT: 3.82 min Scan# 481

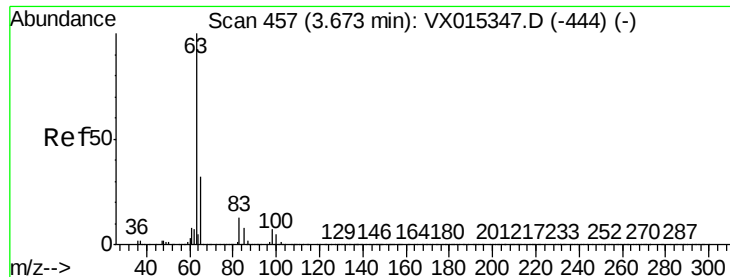
Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	45	Resp:	1112977
Ion	Ratio	Lower	Upper
45	100		
43	84.4	64.4	96.6
87	25.7	20.4	30.6
59	10.4	8.7	13.1





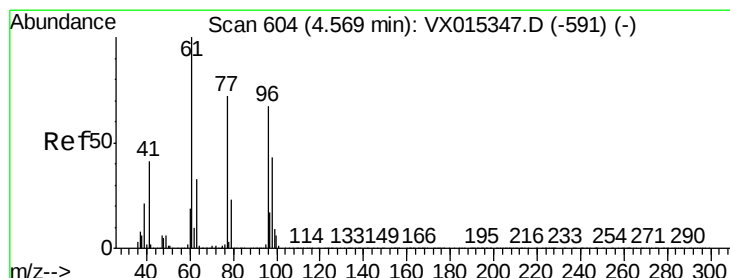
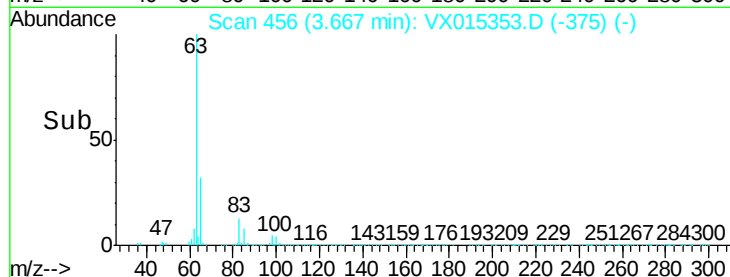
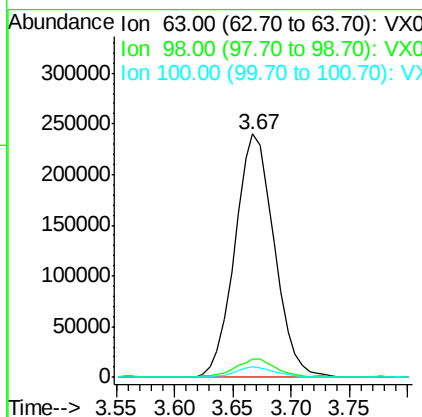
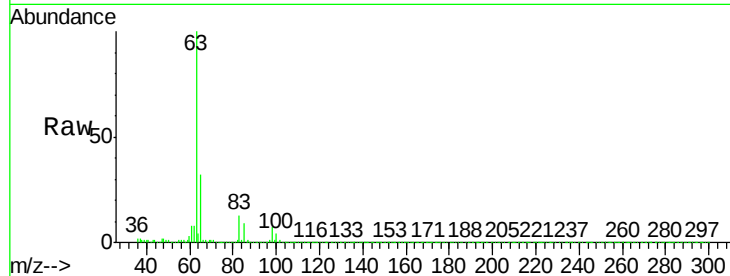
#21
1,1-Dichloroethane
Concen: 19.960 ug/l
RT: 3.67 min Scan# 456
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	4.1	2.3	6.8

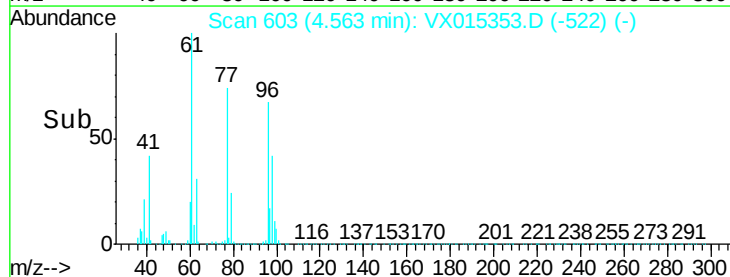
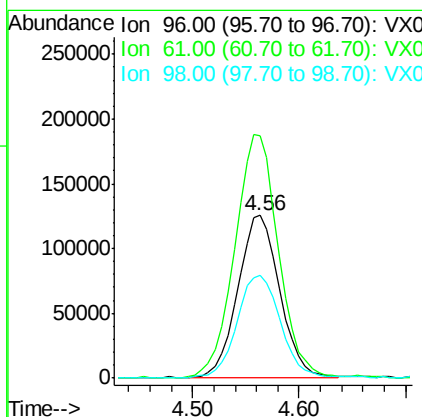
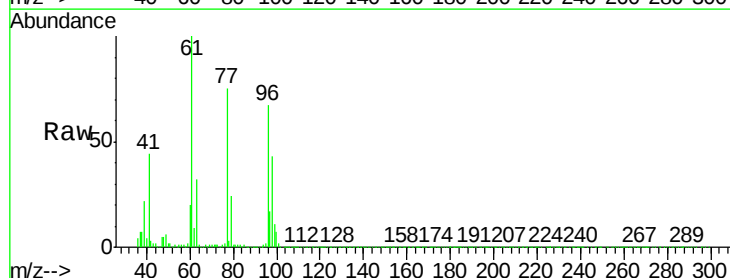
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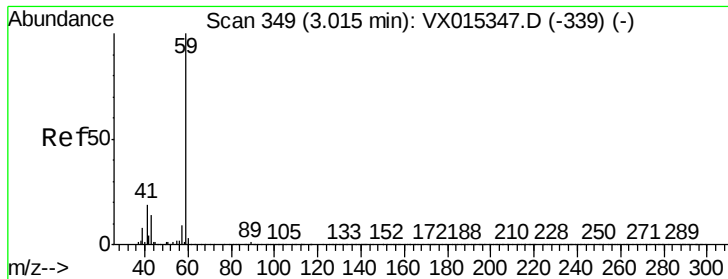
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#22
cis-1,2-Dichloroethene
Concen: 20.213 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	127.2	190.8
98	65.5	51.8	77.6





#23

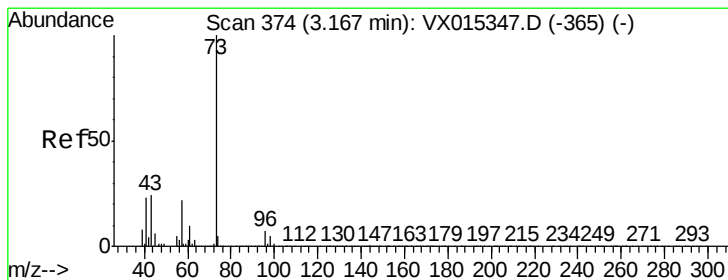
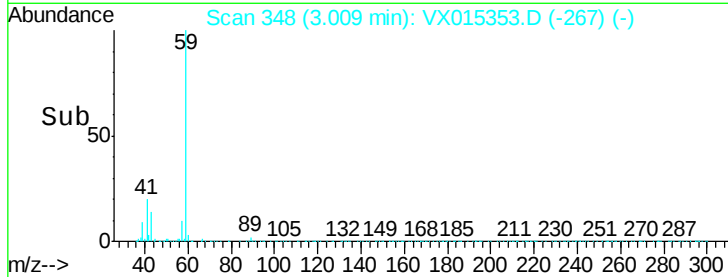
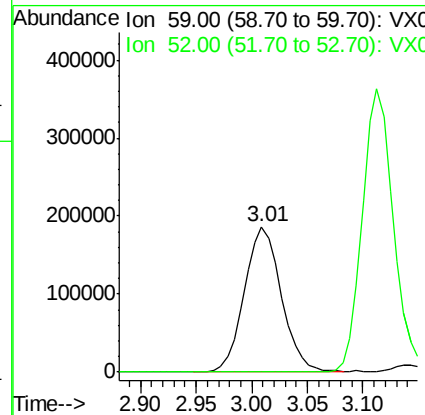
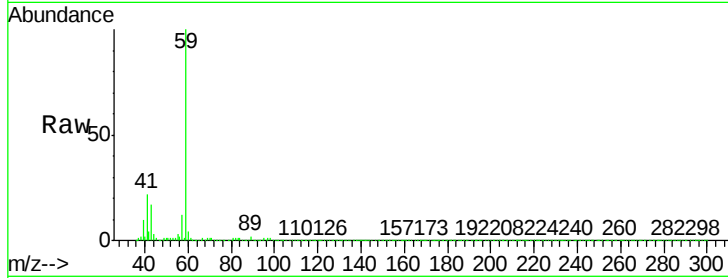
tert-Butyl Alcohol
 Concen: 102.341 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

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

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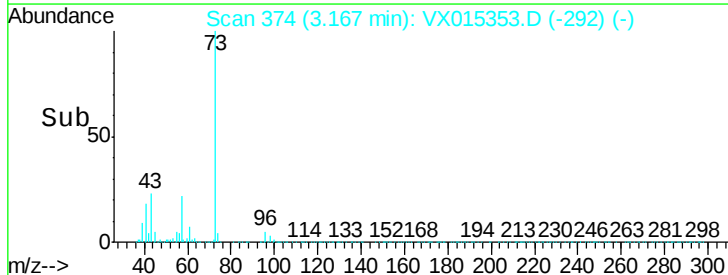
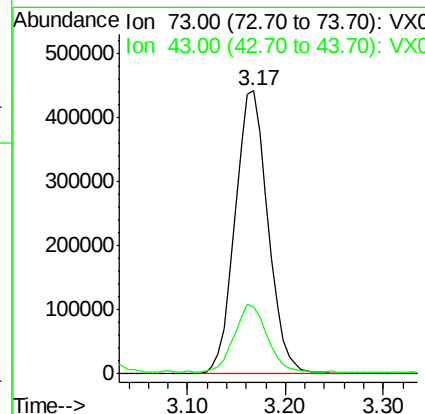
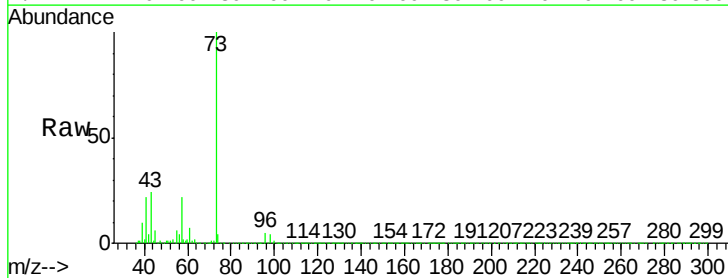
apatel
 3/27/2020 5:59:43 PM

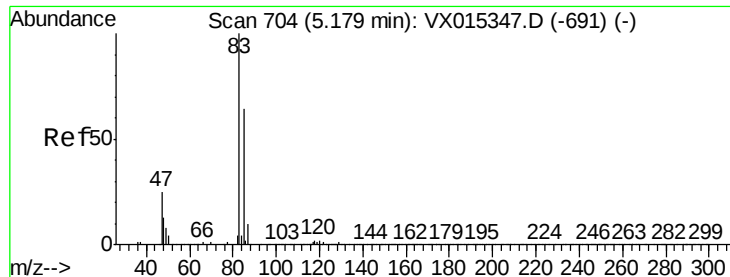


#24

Methyl tert-Butyl Ether
 Concen: 20.342 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.8	19.2	28.8





#25

Chloroform

Concen: 20.177 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 561390

Ion Ratio Lower Upper

83 100

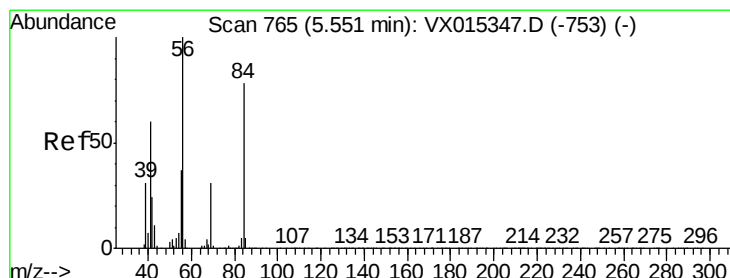
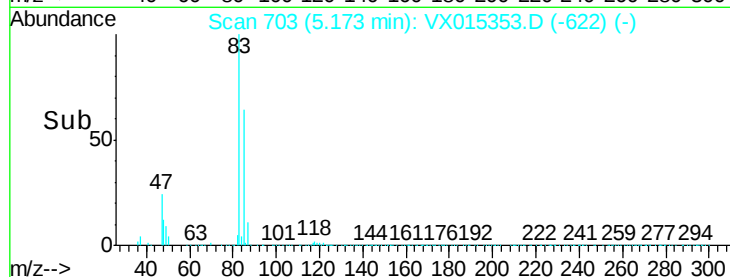
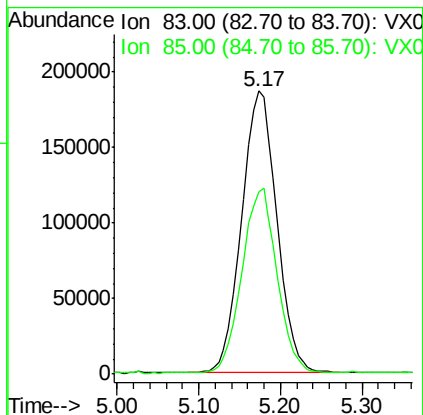
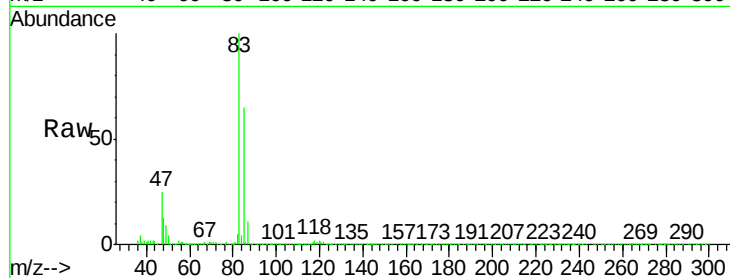
85 64.4 50.5 75.7

Manual Integrations

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#26

Cyclohexane

Concen: 20.038 ug/l

RT: 5.54 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

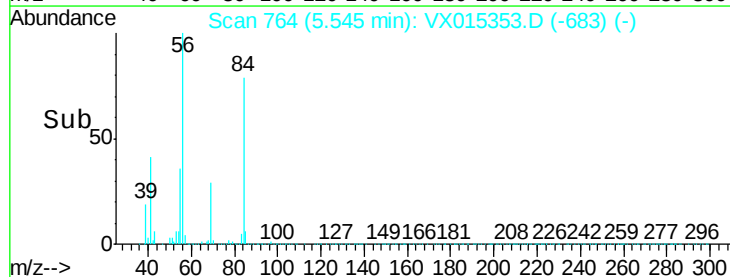
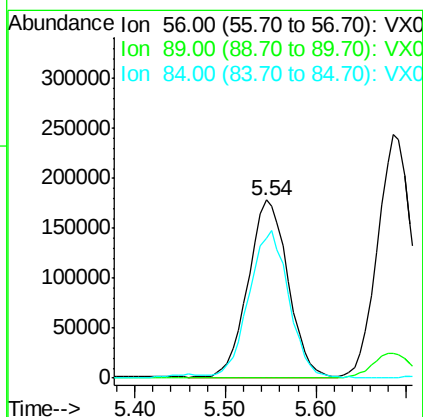
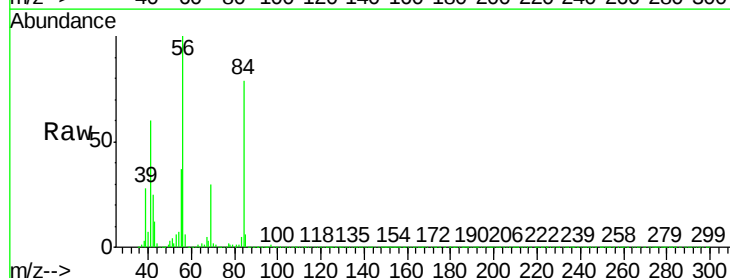
Tgt Ion: 56 Resp: 538917

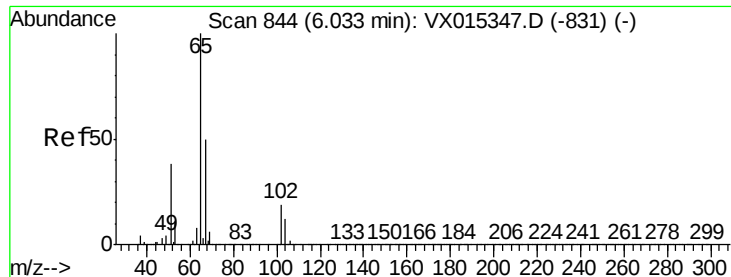
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 82.6 66.1 99.1





#27

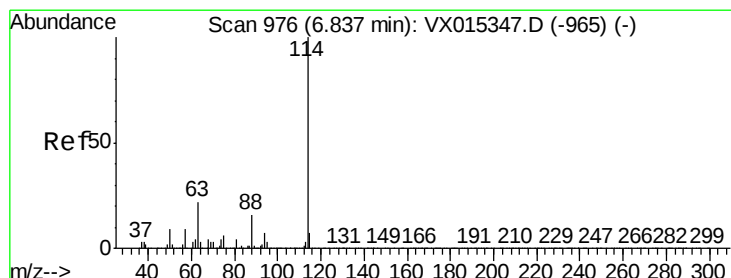
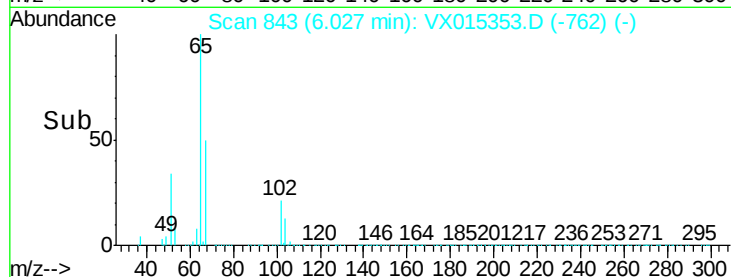
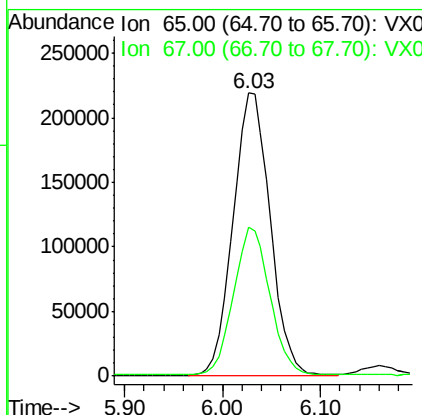
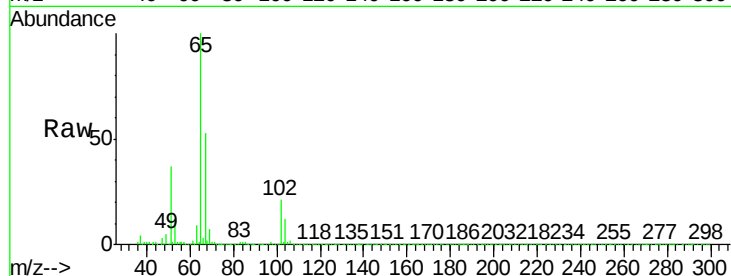
1,2-Dichloroethane-d4
Concen: 29.420 ug/l
RT: 6.03 min Scan# 843
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	40.9	61.3

Manual Integrations
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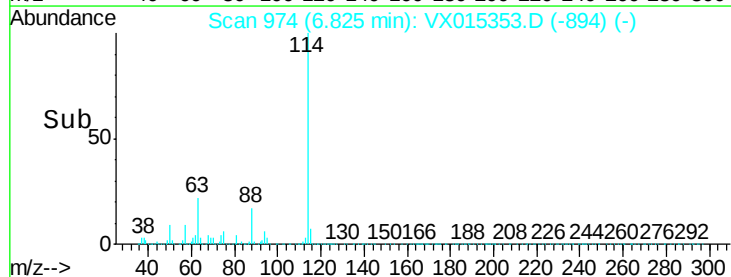
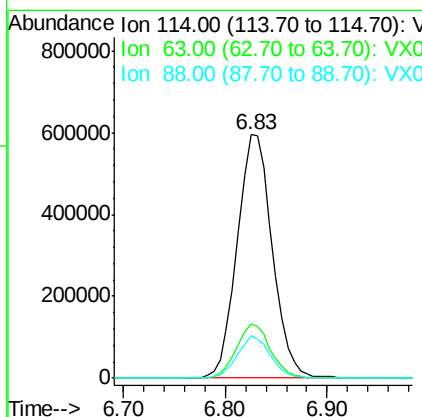
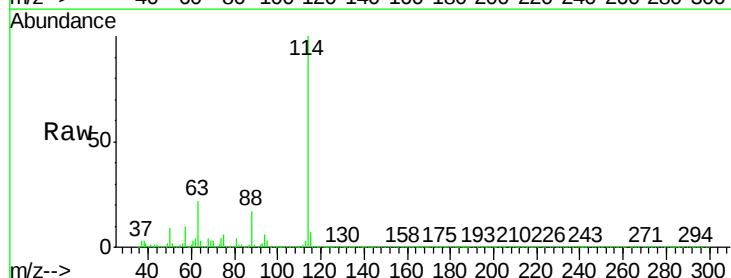
apatel
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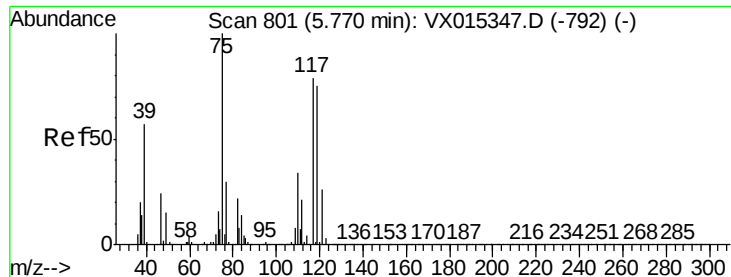


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 974
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	17.4	26.2
88	16.4	12.9	19.3





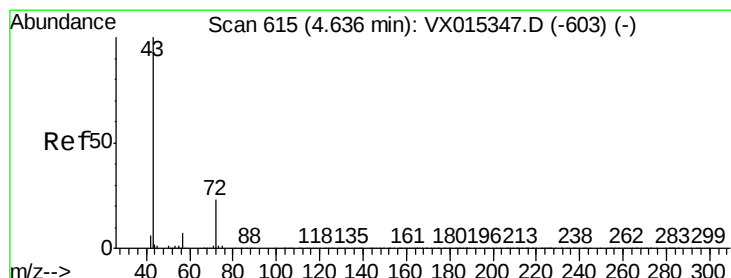
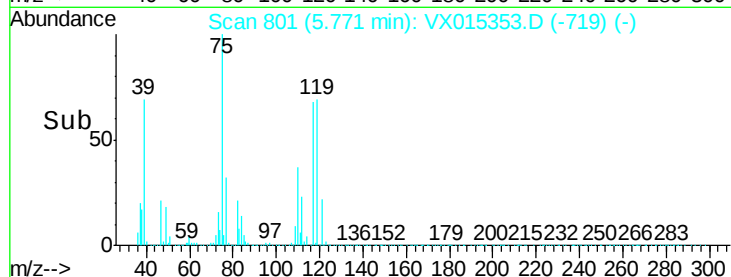
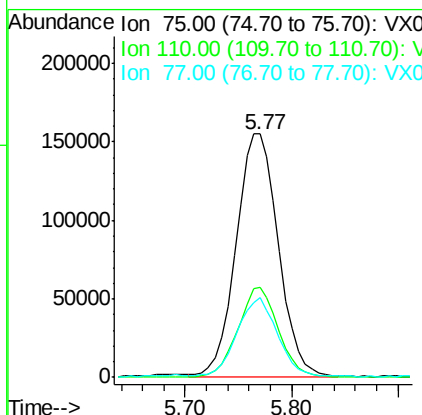
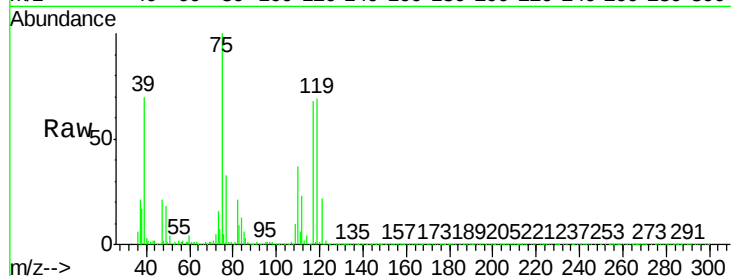
#29
 1,1-Dichloropropene
 Concen: 20.169 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.2	0.0	71.2
77	31.2	0.0	62.2

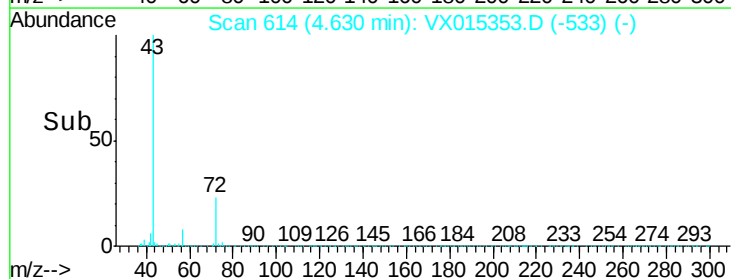
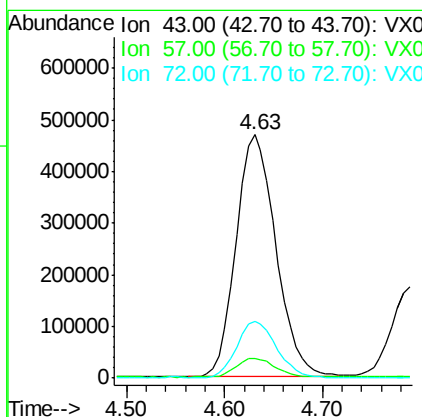
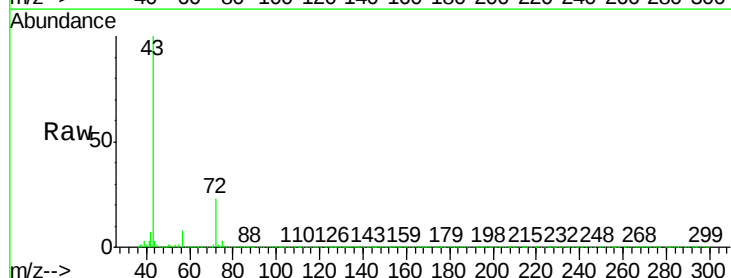
Manual Integrations
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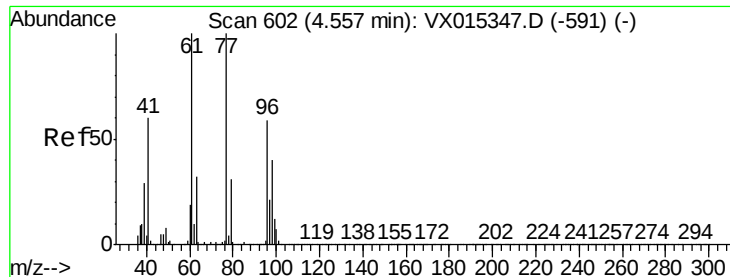
apatel
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#30
 2-Butanone
 Concen: 103.501 ug/l
 RT: 4.63 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.6	5.9	8.9
72	23.5	18.6	27.8





#31

2,2-Dichloropropane

Concen: 21.239 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 545062

Ion Ratio Lower Upper

77 100

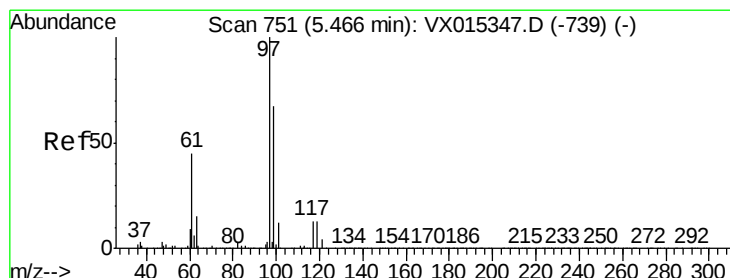
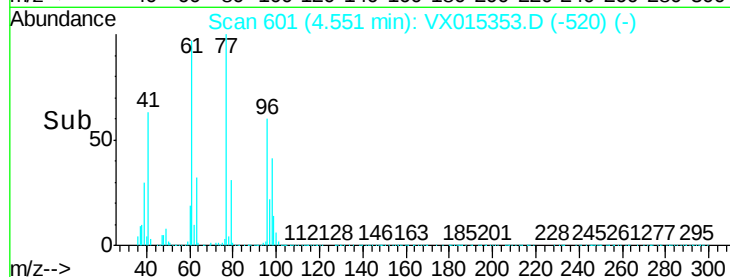
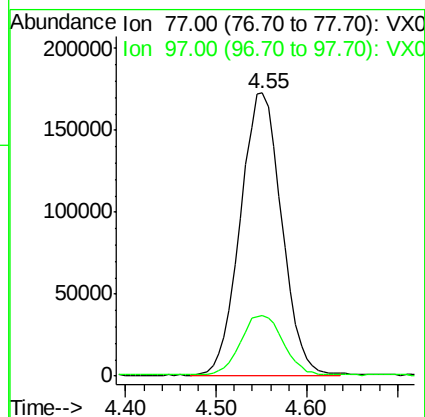
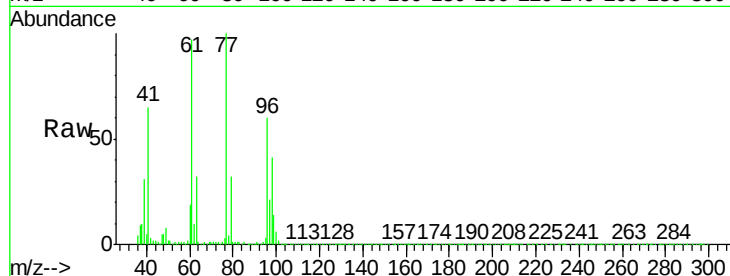
97 21.8 17.8 26.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.220 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

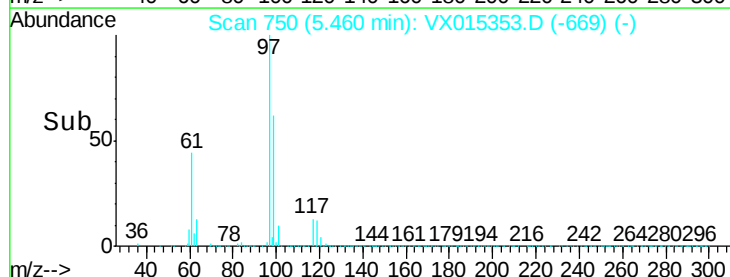
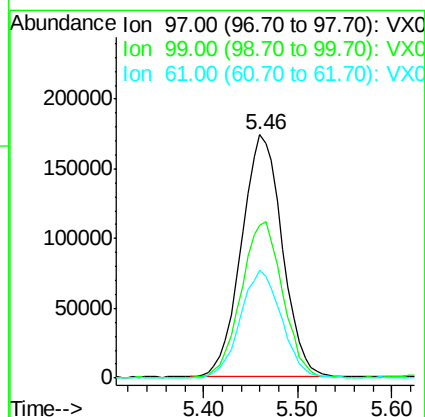
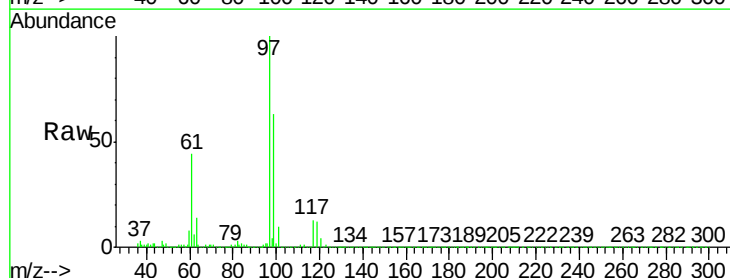
Tgt Ion: 97 Resp: 526120

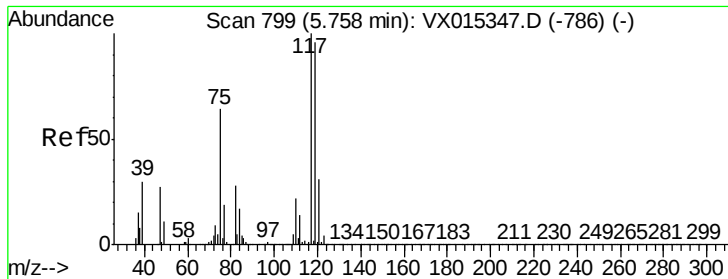
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 44.2 35.8 53.8





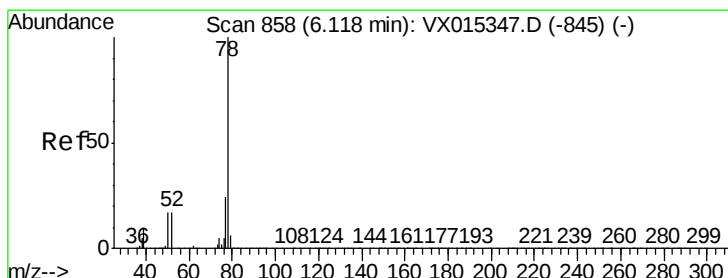
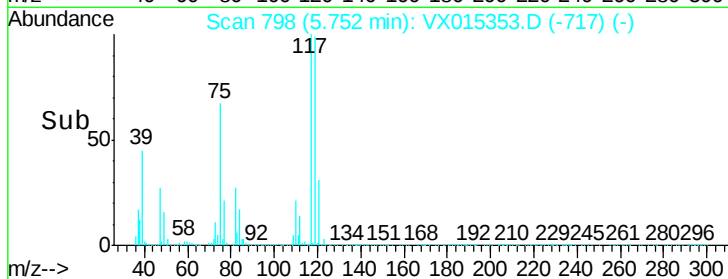
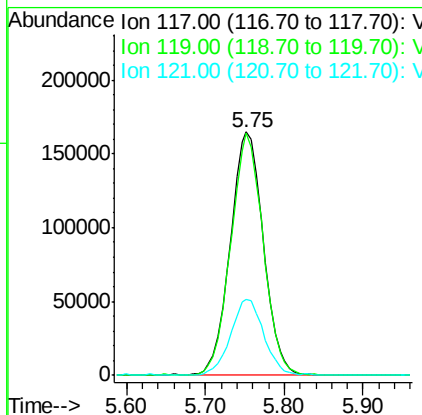
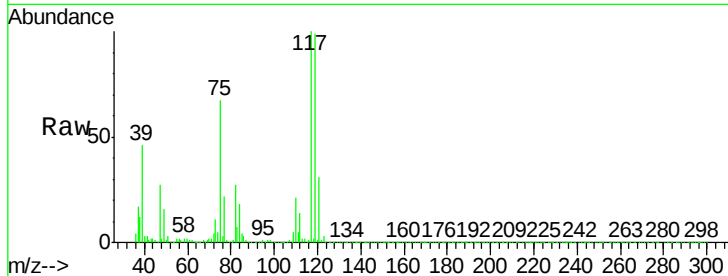
#33
Carbon Tetrachloride
Concen: 20.202 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.6	114.8
121	31.0	25.0	37.4

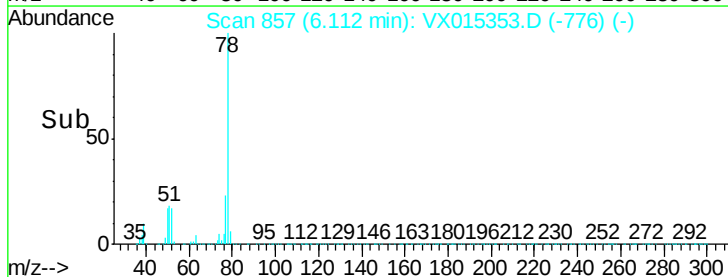
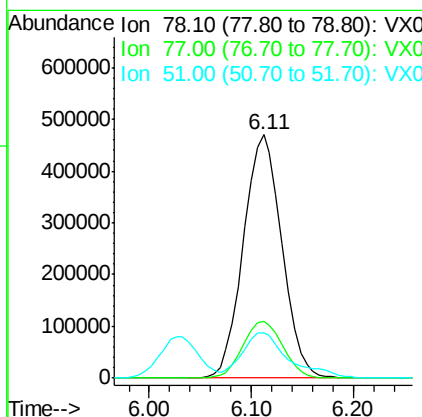
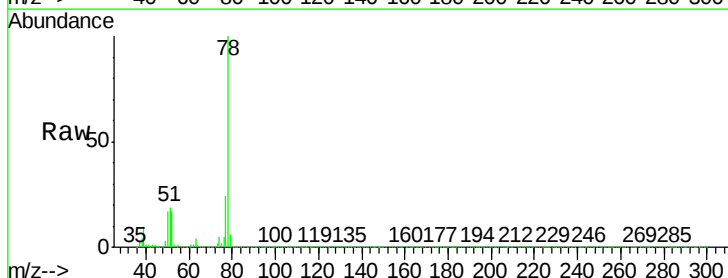
Manual Integrations
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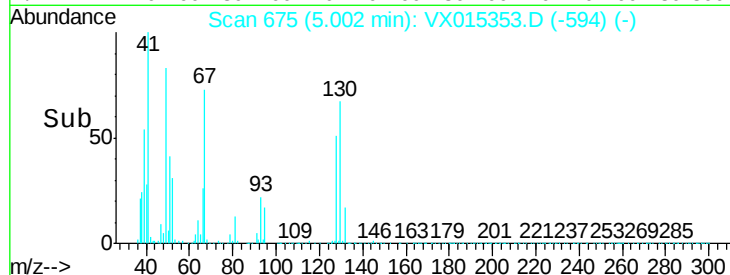
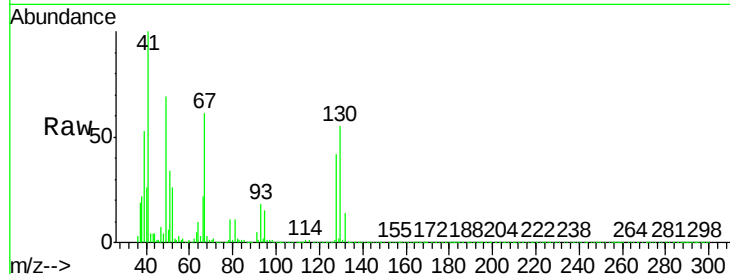
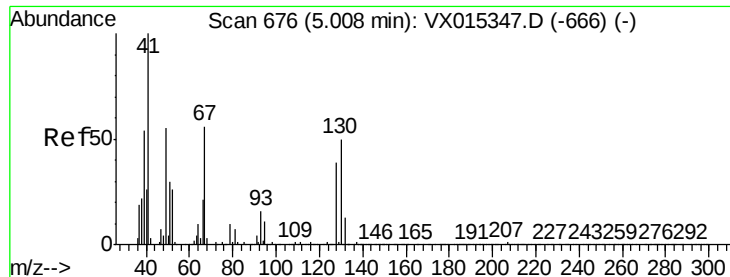
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#34
Benzene
Concen: 20.024 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2
51	17.2	14.6	21.8





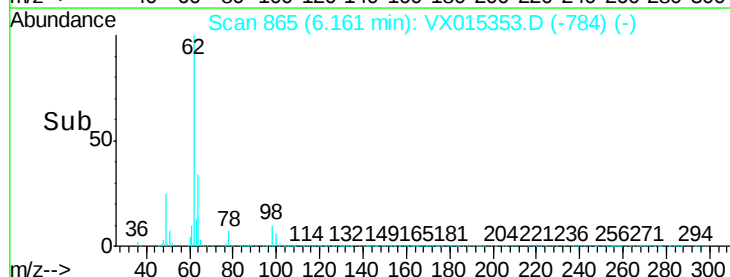
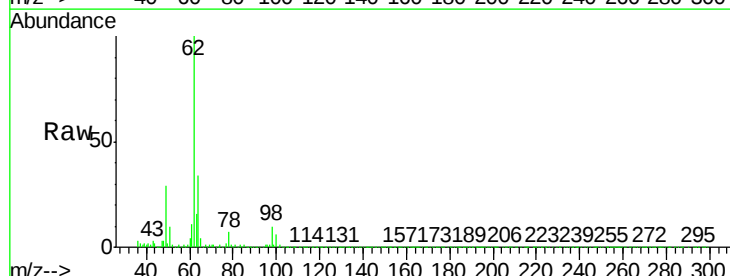
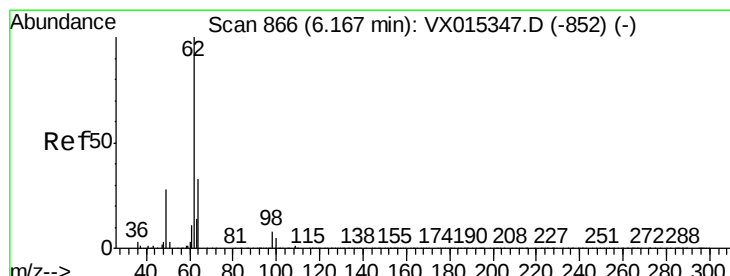
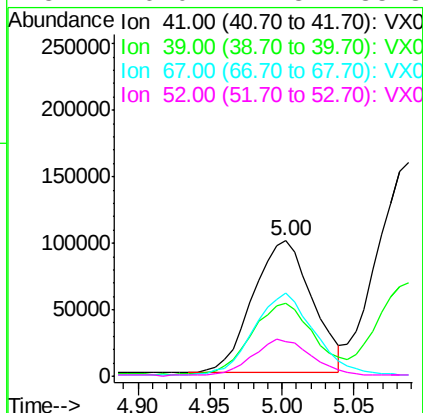
#35
Methacrylonitrile
Concen: 19.512 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		282870		
39	53.0	27.0	81.0		
67	61.6	28.2	84.6		
52	26.0	12.8	38.3		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

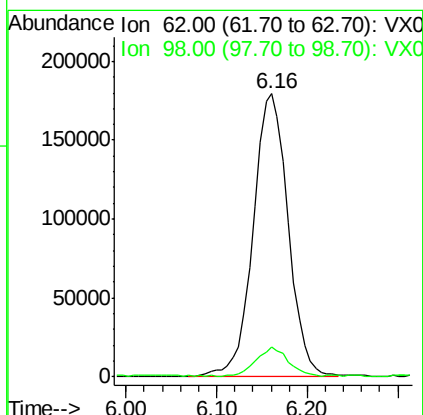
Manual Integrations
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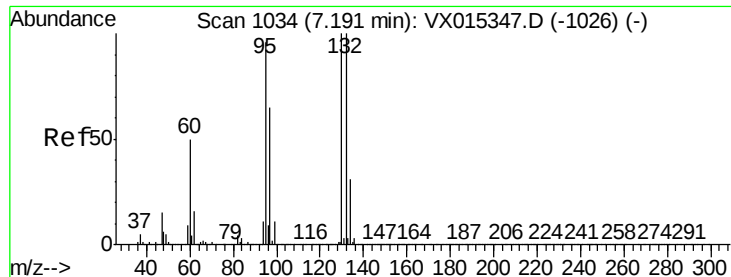
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#36
1,2-Dichloroethane
Concen: 19.999 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		474987		
98	9.3	6.9	10.3		





#37

Trichloroethene

Concen: 20.644 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 357287

Ion Ratio Lower Upper

130 100

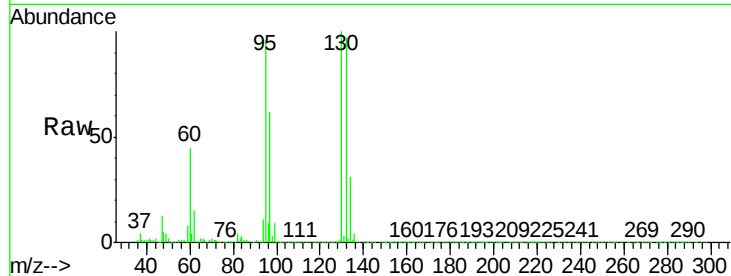
95 96.1 76.4 114.6

Manual Integrations

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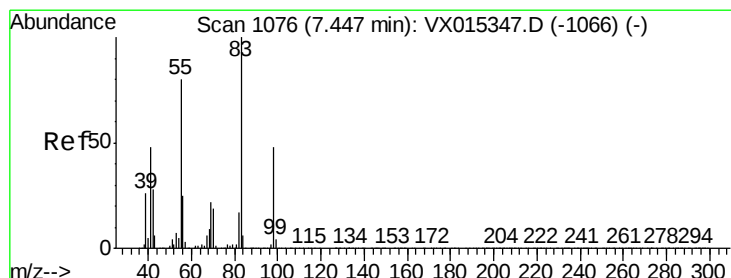
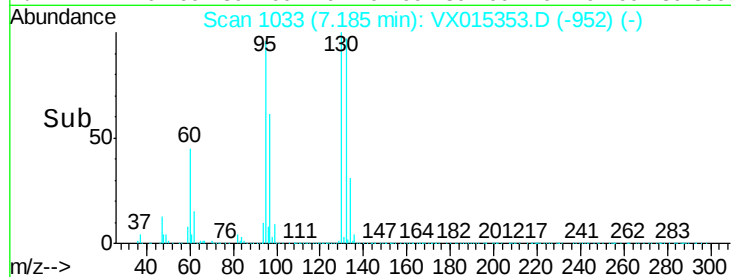
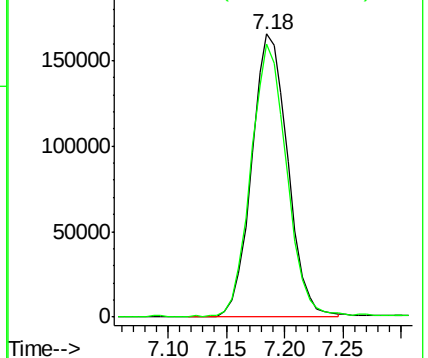
apatel

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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: 20.689 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

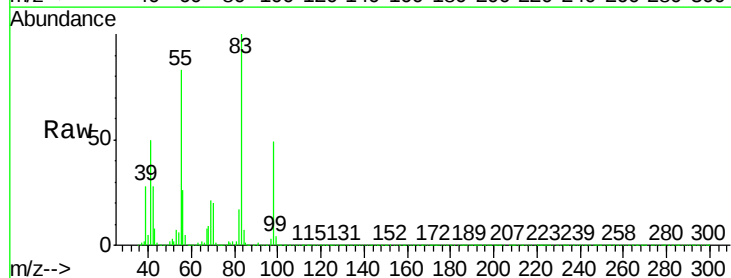
Tgt Ion: 83 Resp: 540889

Ion Ratio Lower Upper

83 100

55 81.7 41.3 124.1

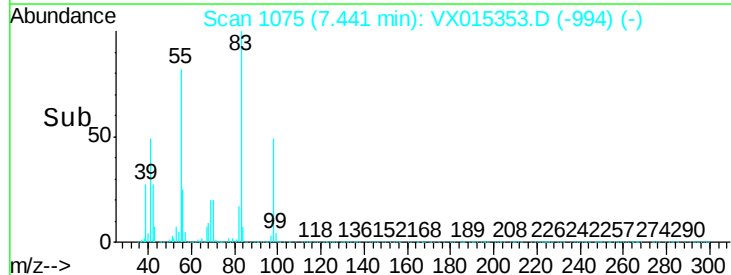
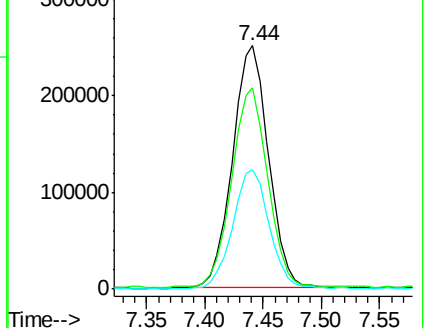
98 49.5 24.0 72.0

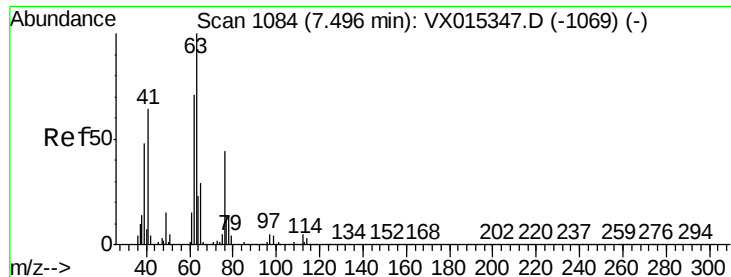


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





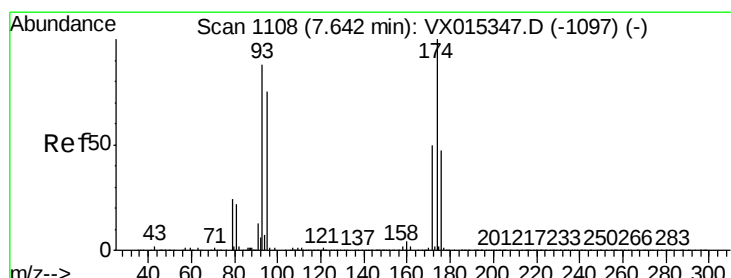
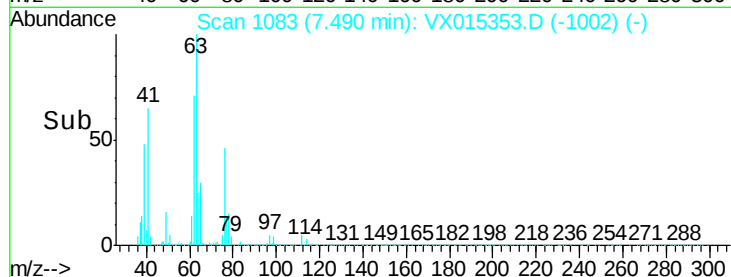
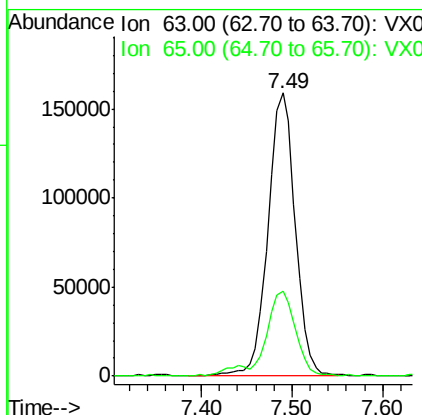
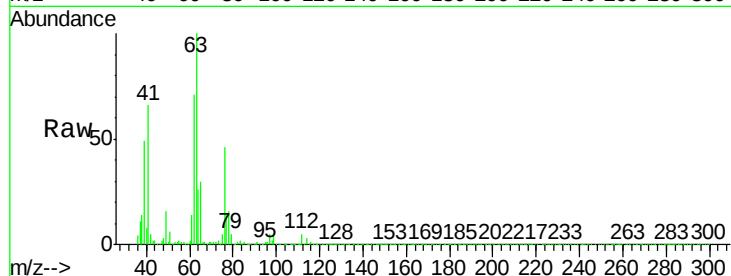
#39
 1,2-Dichloropropane
 Concen: 19.953 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.0	34.4

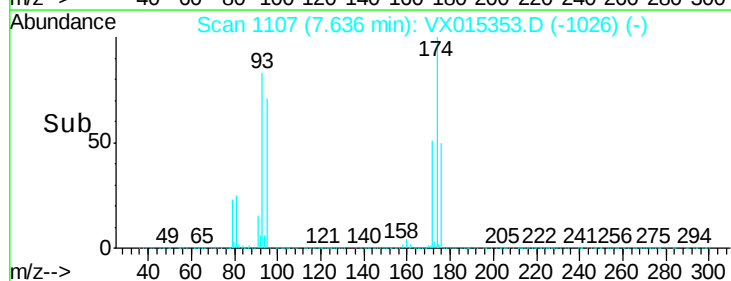
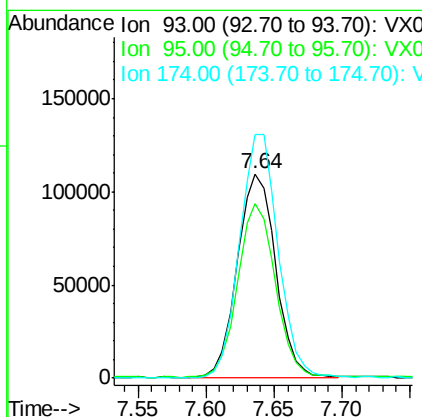
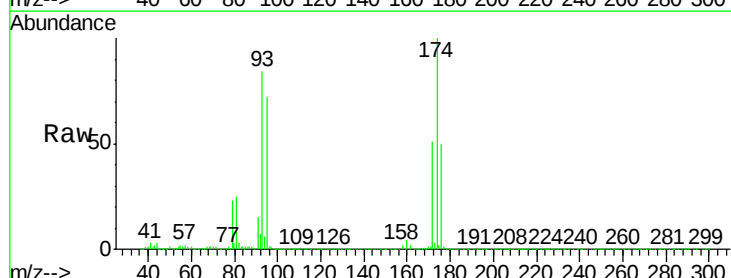
Manual Integrations
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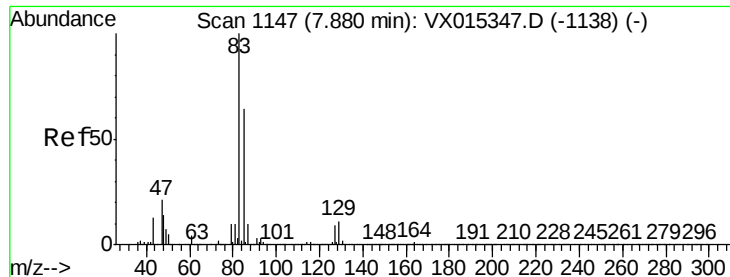
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#40
 Dibromomethane
 Concen: 19.712 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	0.0	166.4
174	119.9	0.0	225.4





#41

Bromodichloromethane

Concen: 19.738 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

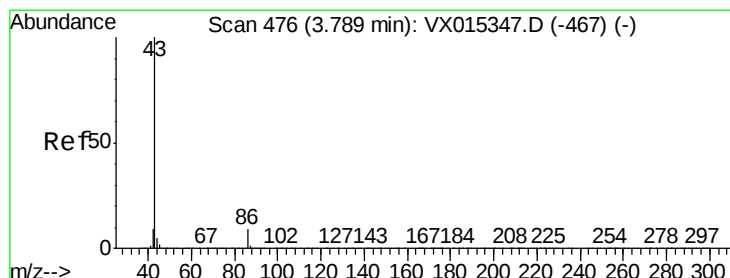
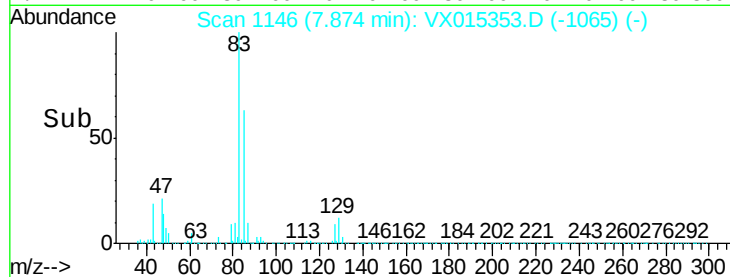
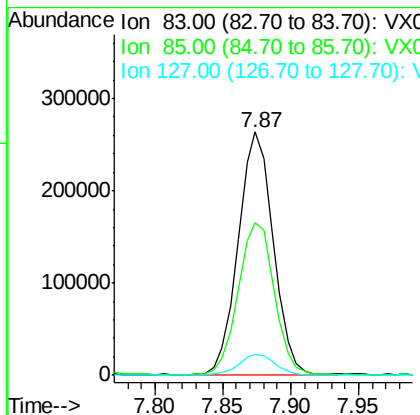
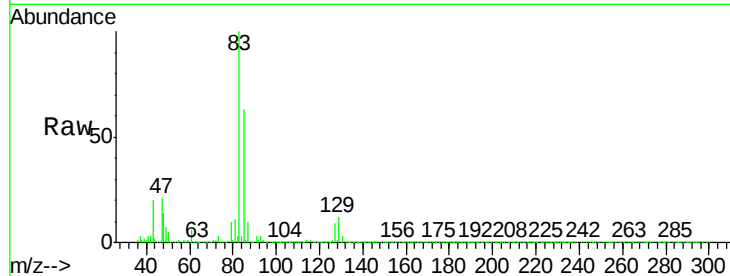
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	471383
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.6	77.4
127	8.5	7.0	10.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 104.064 ug/l

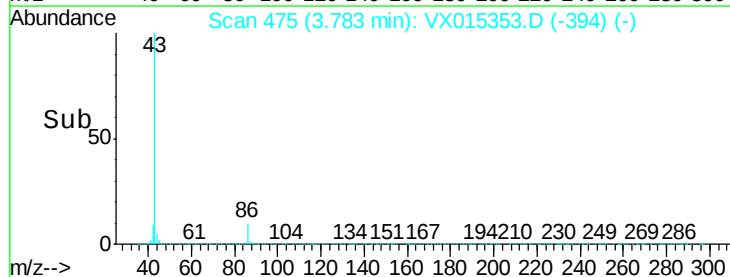
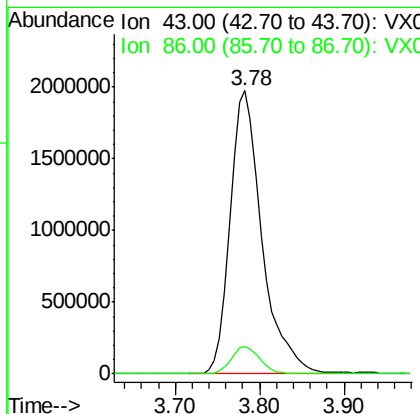
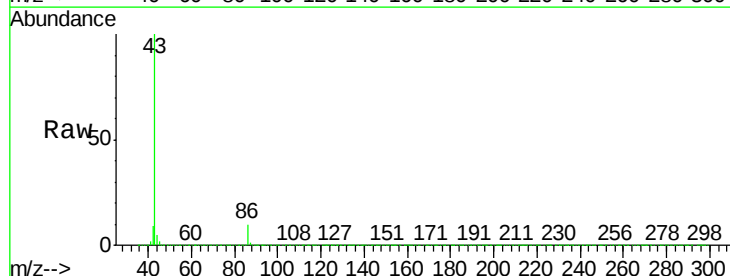
RT: 3.78 min Scan# 475

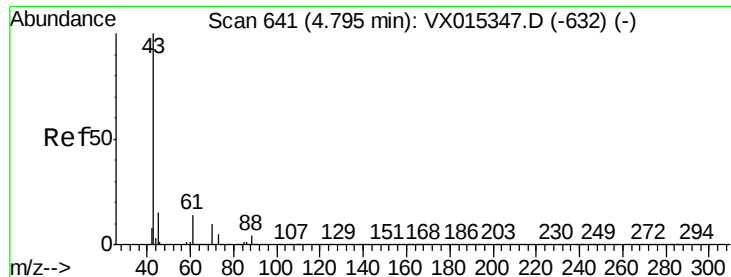
Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	43	Resp:	5040930
Ion Ratio	Lower	Upper	
43	100		
86	8.7	6.9	10.3





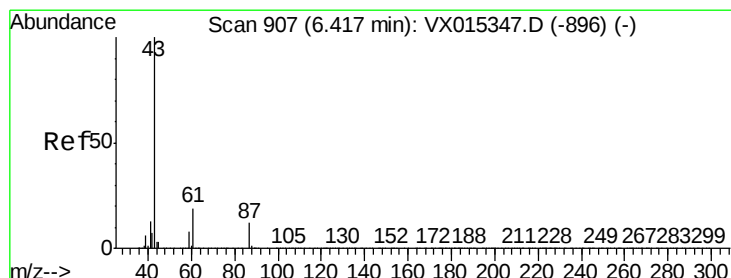
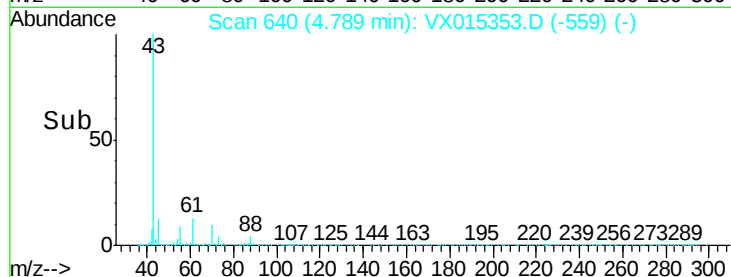
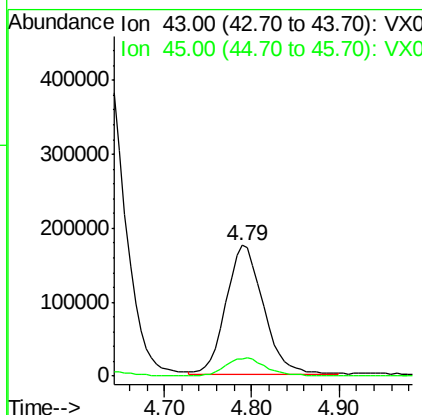
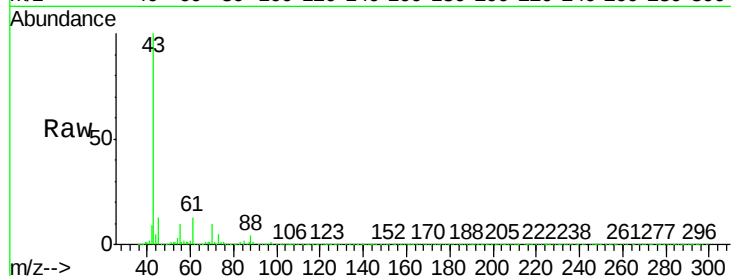
#43
Ethyl Acetate
Concen: 18.638 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.7	12.2	18.4

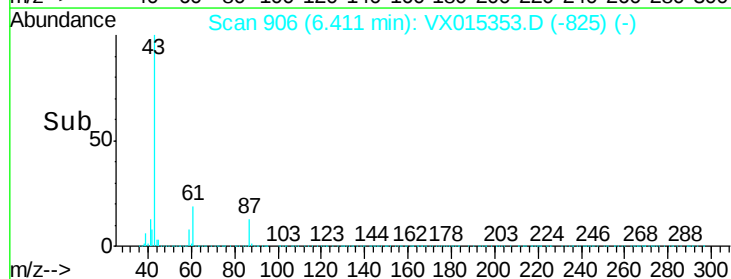
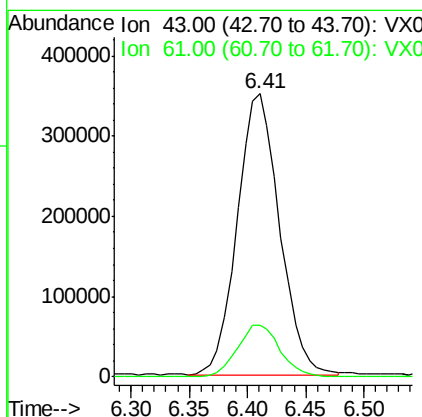
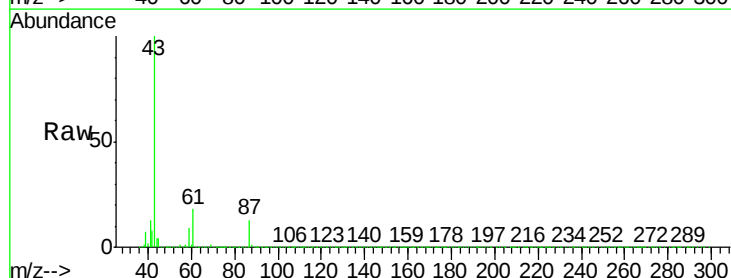
Manual Integrations
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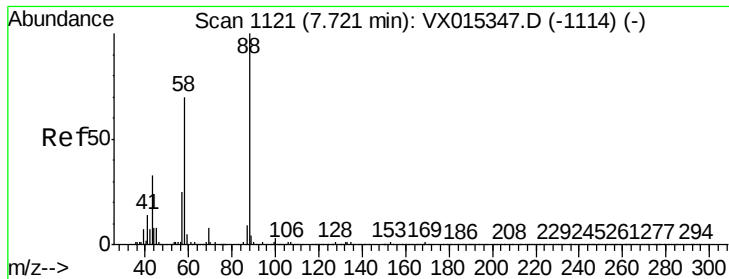
apatel
3/27/2020 5:59:43 PM



#44
Isopropyl Acetate
Concen: 19.722 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.6	22.0





#45

1,4-Dioxane

Concen: 421.159 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

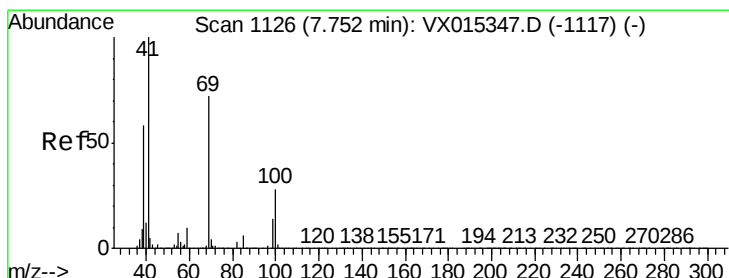
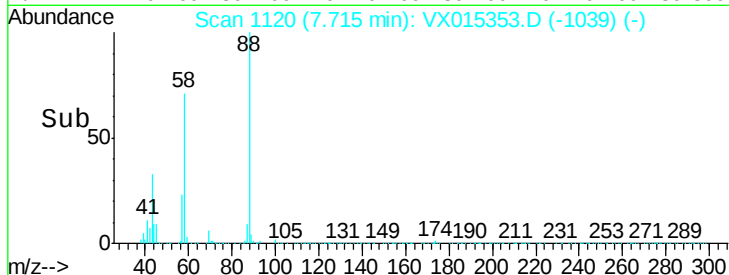
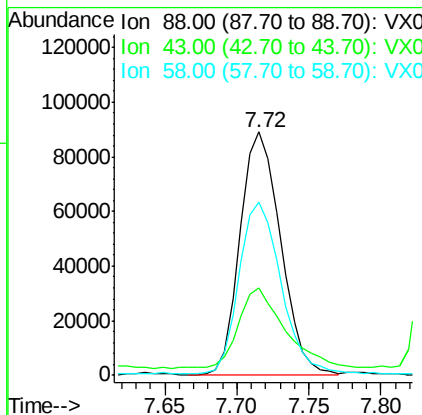
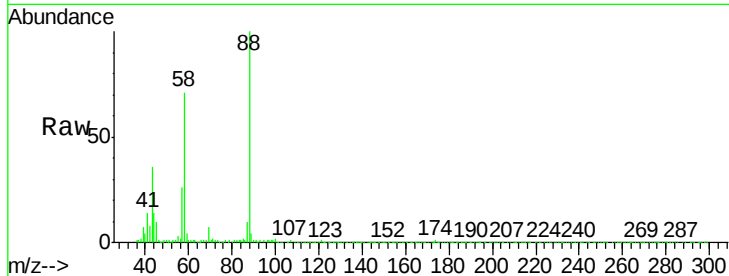
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	173640
Ion	Ratio	Lower	Upper
88	100		
43	36.8	32.1	48.1
58	73.9	59.4	89.0

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.750 ug/l

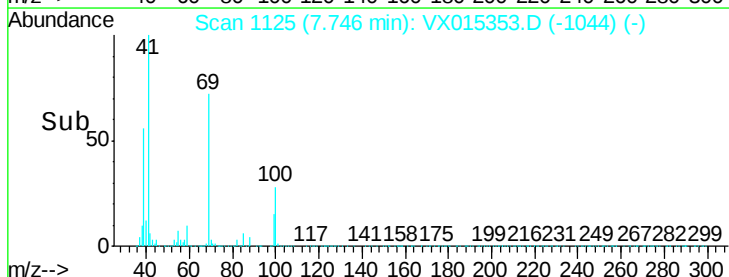
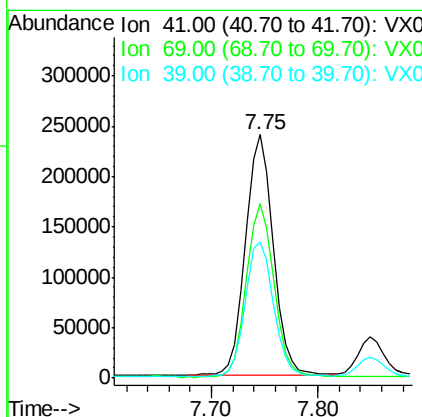
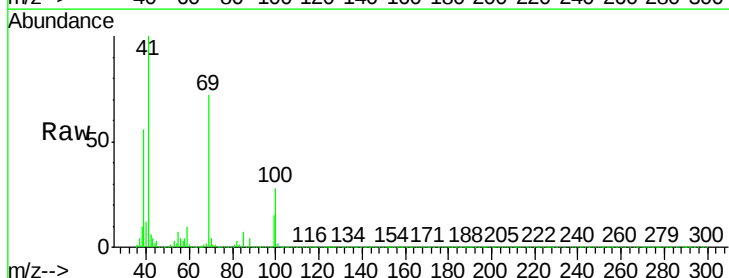
RT: 7.75 min Scan# 1125

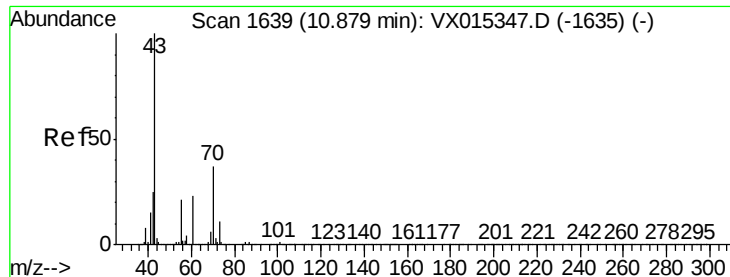
Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	41	Resp:	441079
Ion	Ratio	Lower	Upper
41	100		
69	71.9	35.8	107.4
39	55.9	28.9	86.8





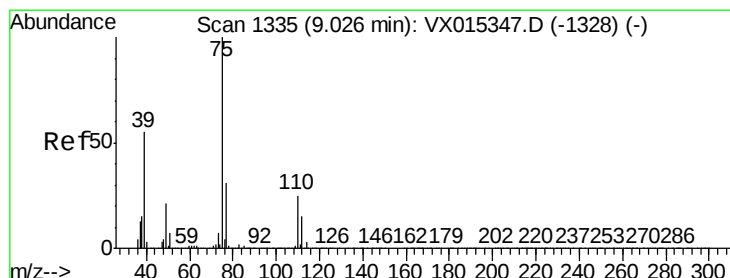
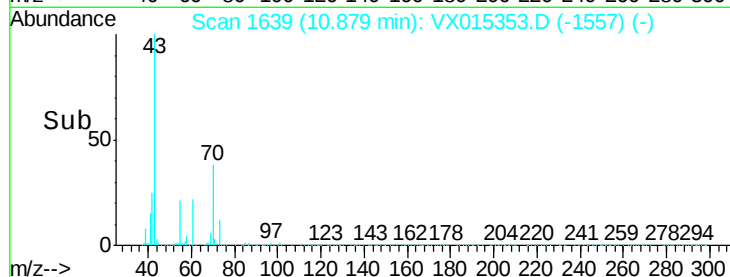
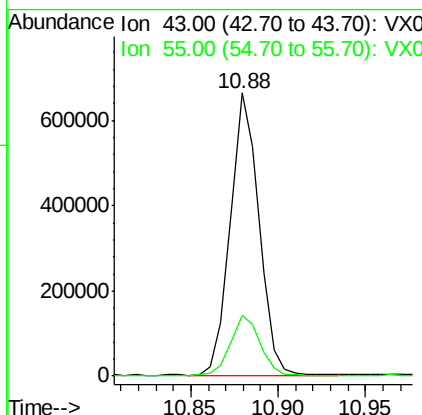
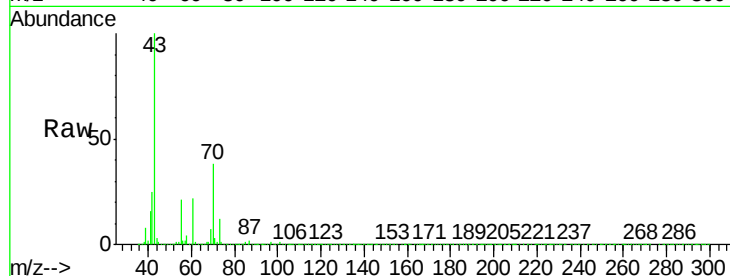
#47
n-amvl Acetate
Concen: 19.584 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Resp	755733
Ion Ratio	100	Lower	Upper
43	100	17.0	25.6
55	21.8		

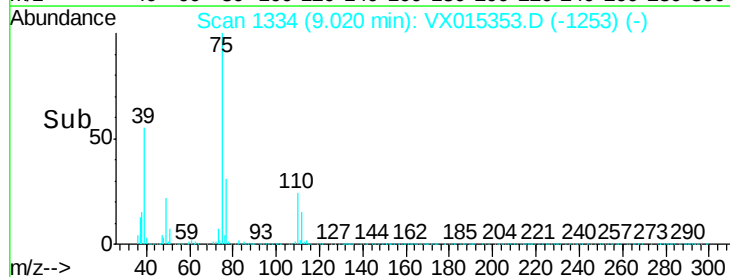
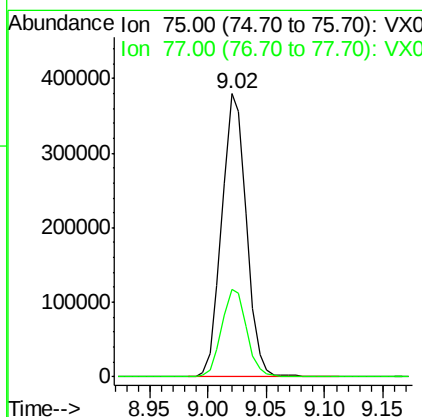
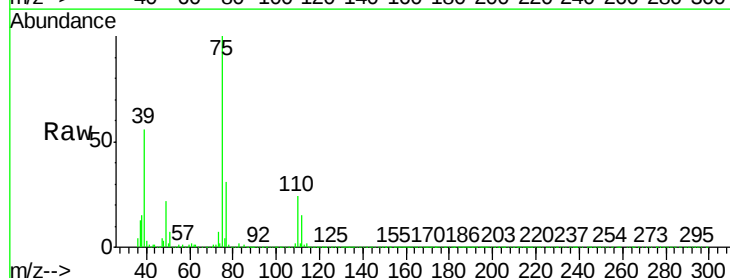
Manual Integrations
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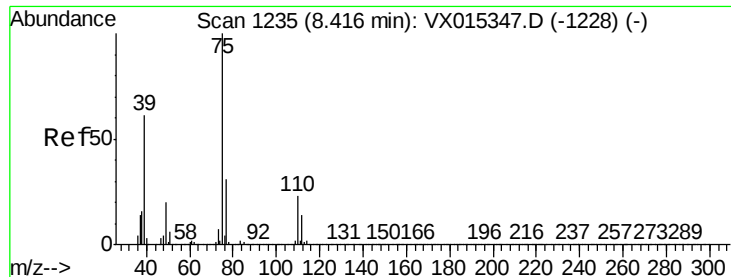
apatel
3/27/2020 5:59:43 PM



#48
t-1,3-Dichloropropene
Concen: 20.084 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	75	Resp	553716
Ion Ratio	100	Lower	Upper
75	100	24.6	37.0
77	30.9		





#49

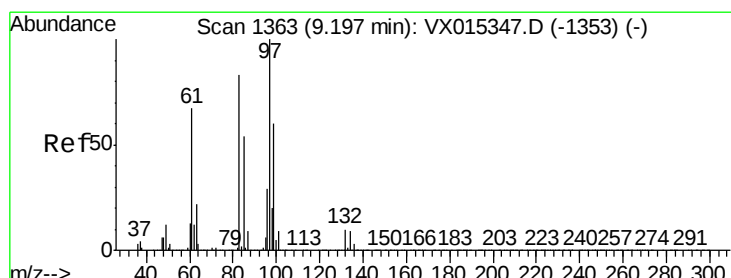
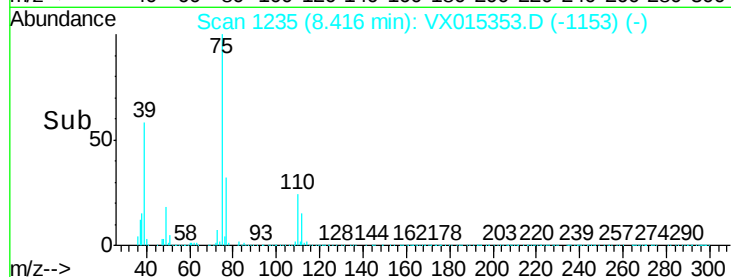
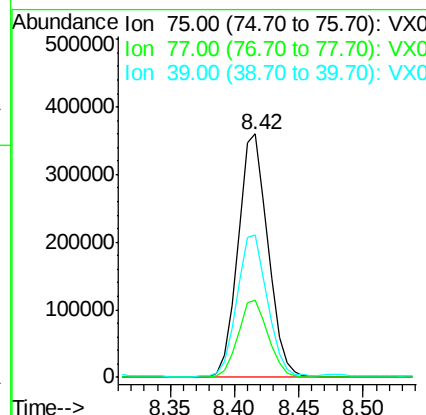
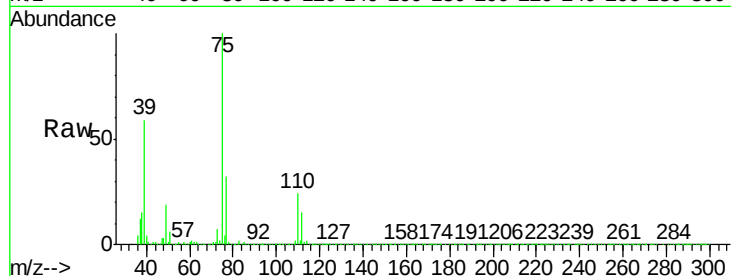
cis-1,3-Dichloropropene
Concen: 20.362 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	75	100	579444		
77	77	31.7		24.6	36.8
39	39	58.3		48.9	73.3

Manual Integrations
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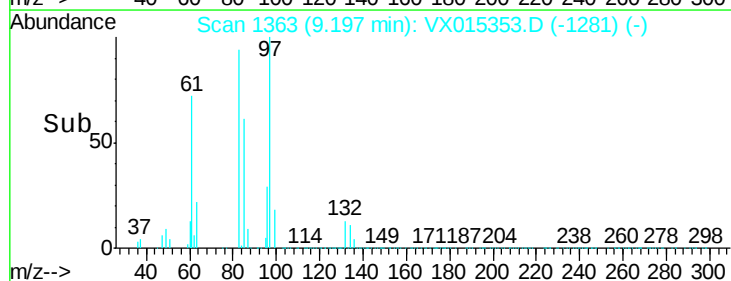
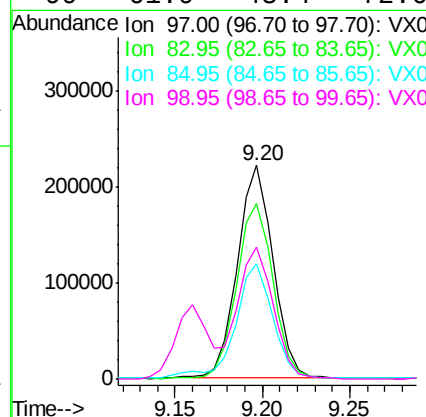
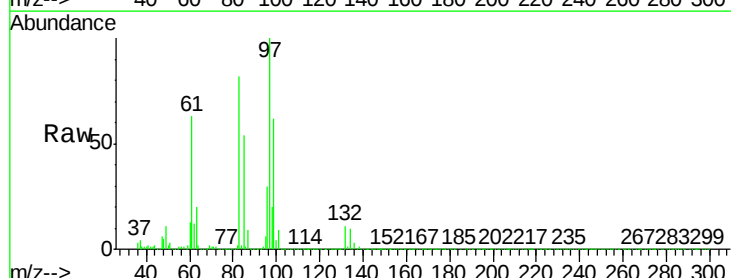
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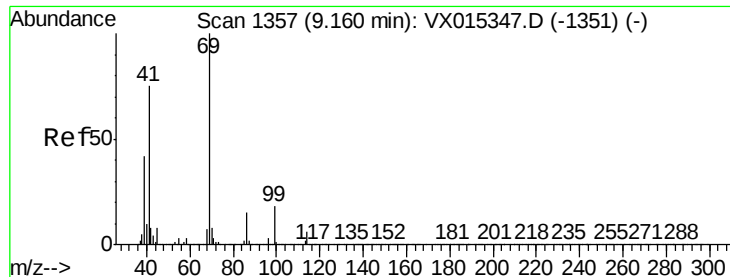


#50

1,1,2-Trichloroethane
Concen: 20.009 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	97	100	315546		
83	83	82.2		66.8	100.2
85	85	53.5		43.3	64.9
99	99	61.9		48.4	72.6





#51

Ethyl methacrylate

Concen: 19.748 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

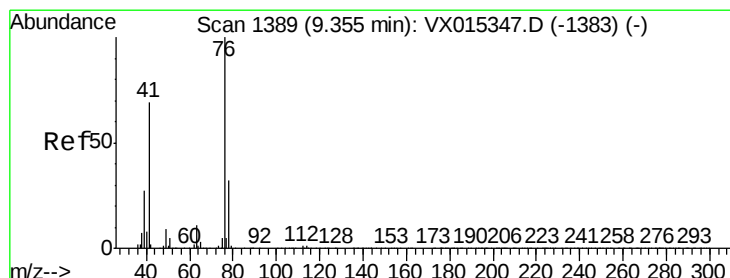
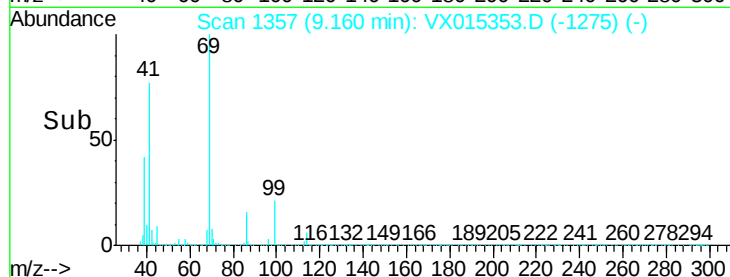
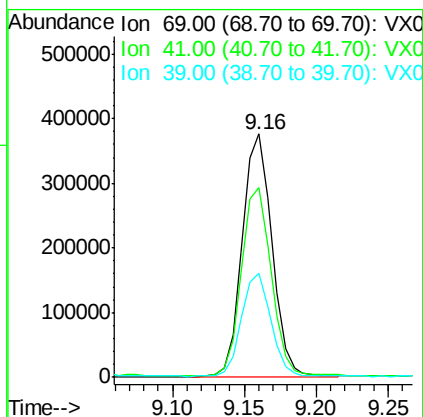
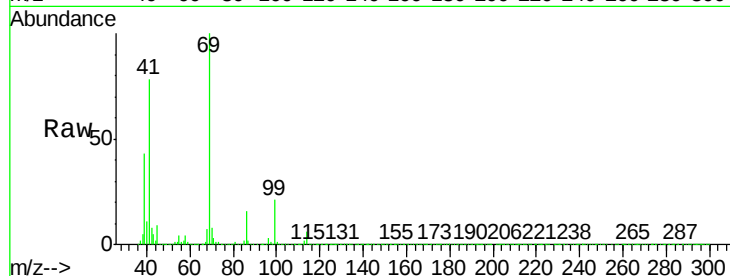
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	535610
Ion Ratio	Lower	Upper	
69	100		
41	77.5	37.4	112.2
39	42.4	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.181 ug/l

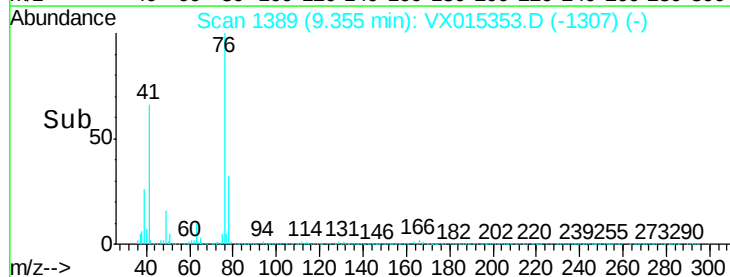
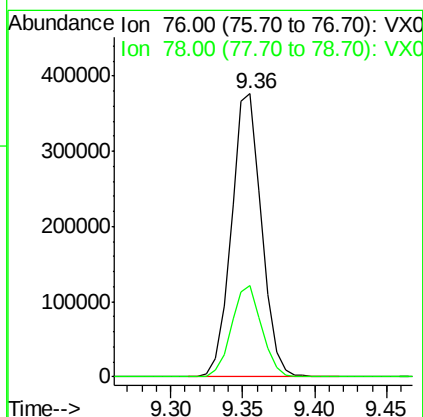
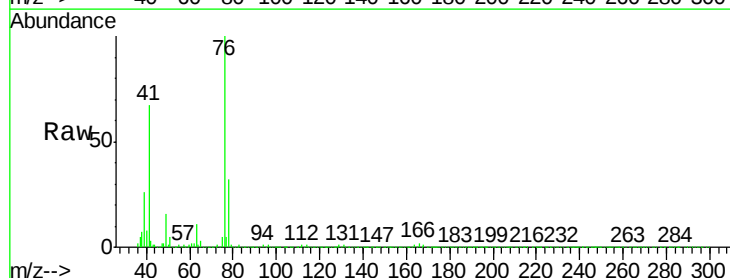
RT: 9.36 min Scan# 1389

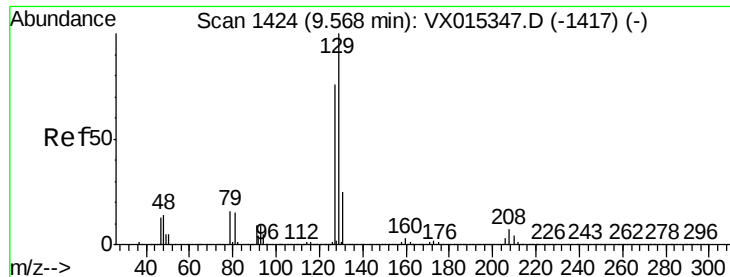
Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	76	Resp:	549712
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	63.2





#53

Dibromochloromethane

Concen: 20.511 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 398741

Ion Ratio Lower Upper

129 100

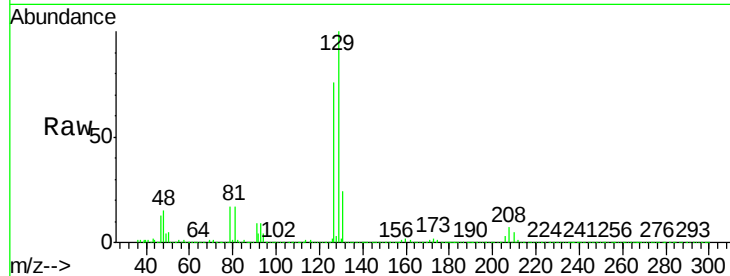
127 76.6 38.6 115.7

Manual Integrations

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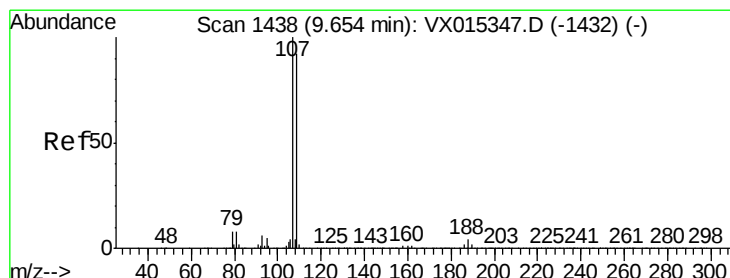
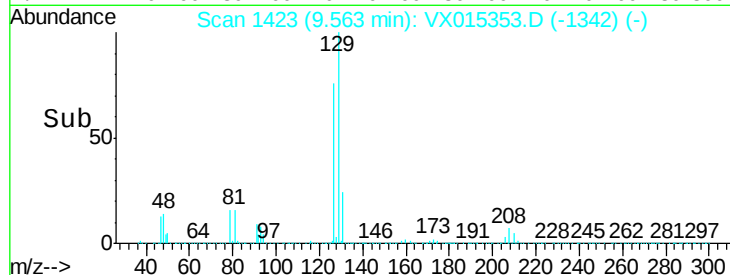
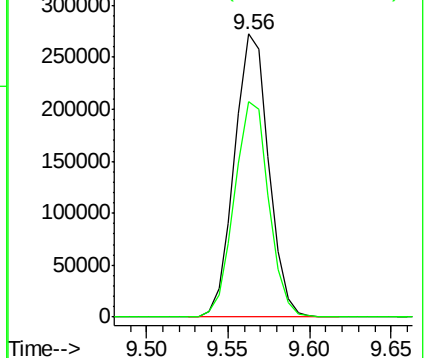
apatel

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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: 20.397 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015353.D

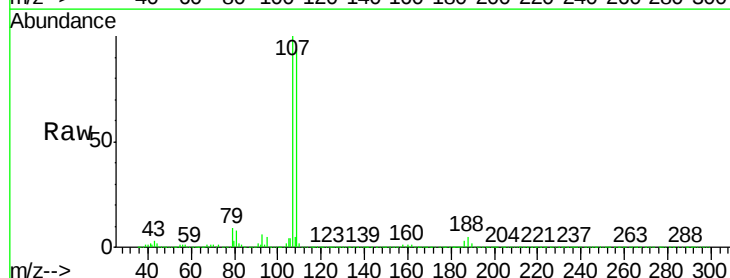
Acq: 26 Mar 2020 11:21

Tgt Ion:107 Resp: 345151

Ion Ratio Lower Upper

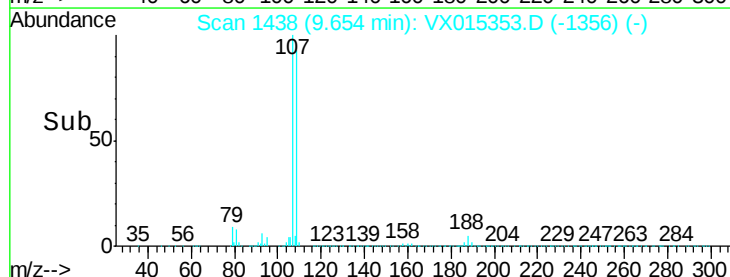
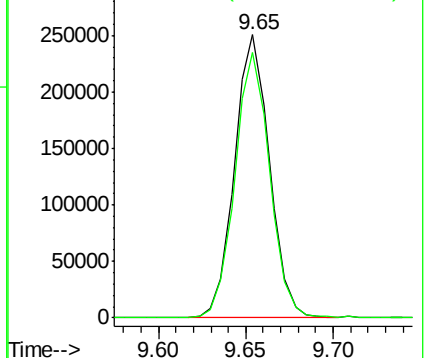
107 100

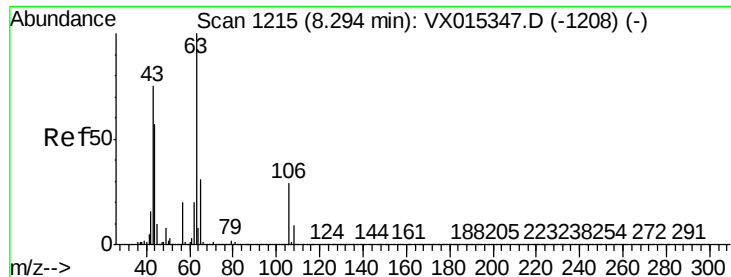
109 93.4 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





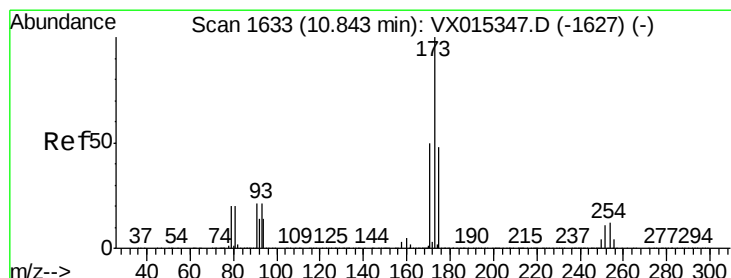
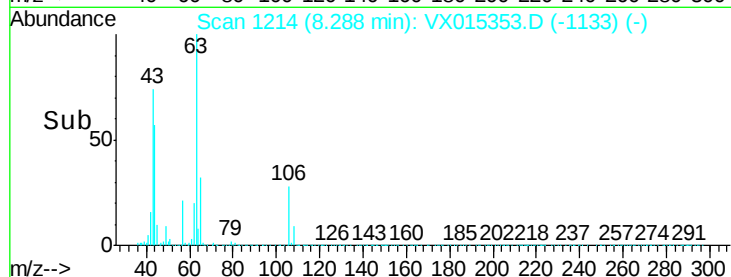
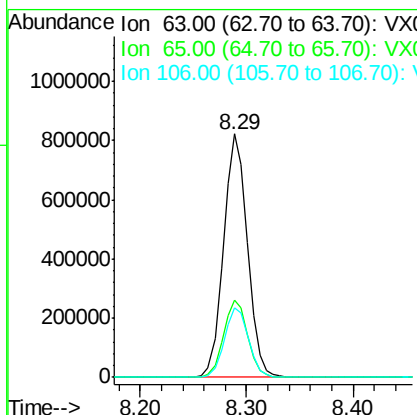
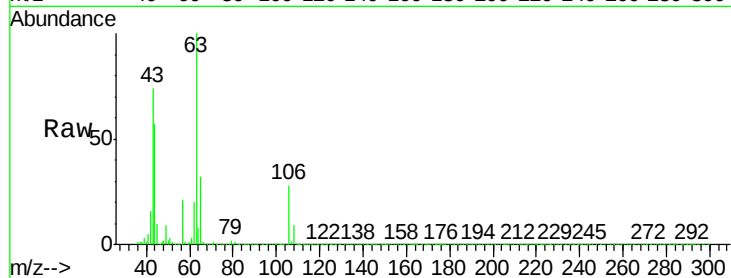
#55
2-Chloroethyl vinyl ether
Concen: 100.281 ug/l
RT: 8.29 min Scan# 1214
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	28.9	23.1	34.7

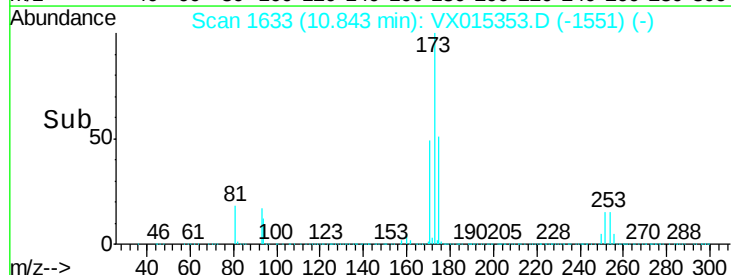
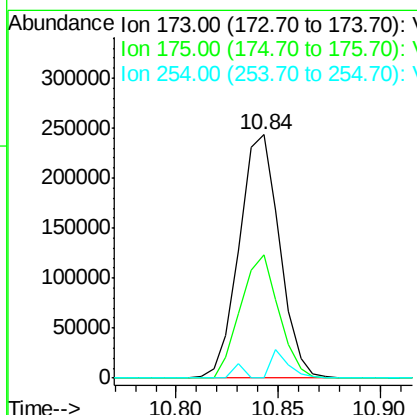
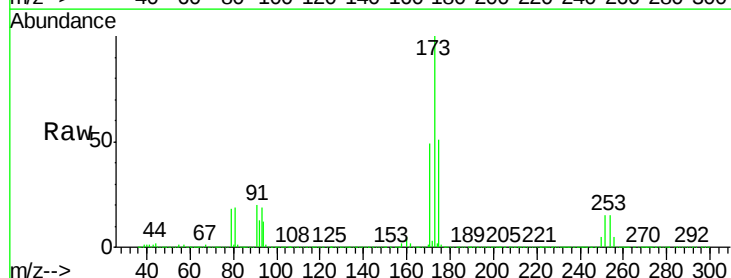
Manual Integrations
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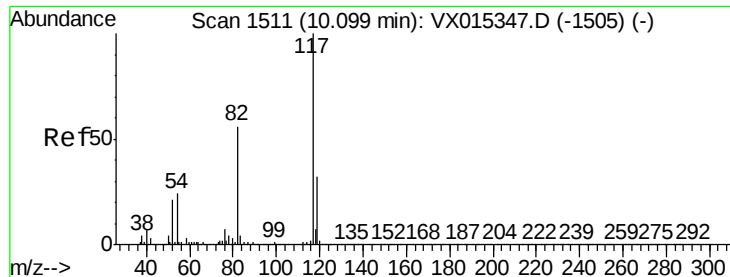
apatel
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#56
Bromoform
Concen: 20.938 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.0	58.4
254	5.2	9.4	14.2





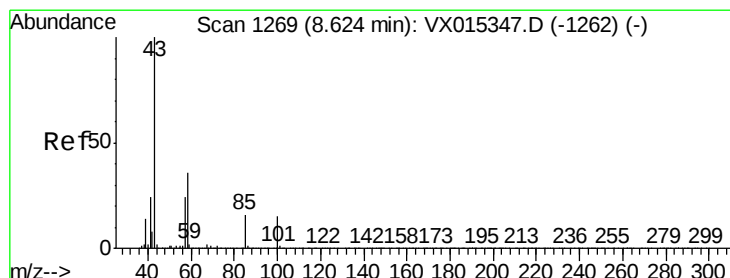
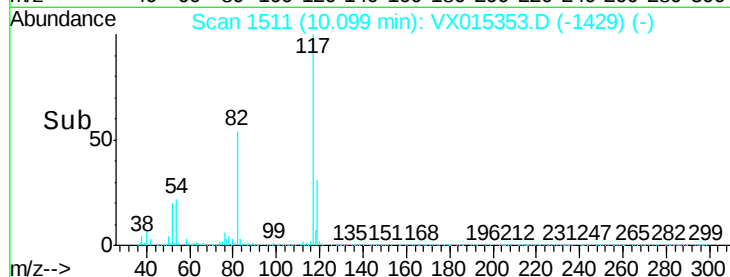
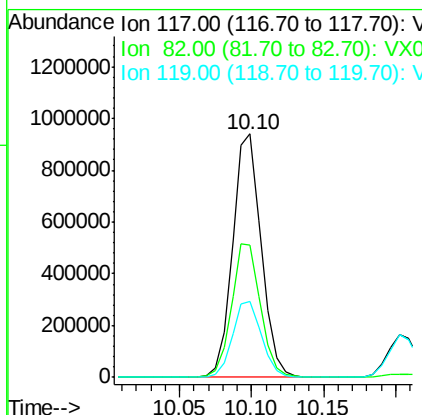
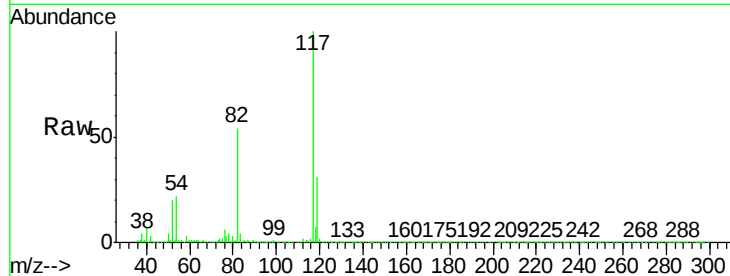
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.6
119	31.5	25.5	38.3

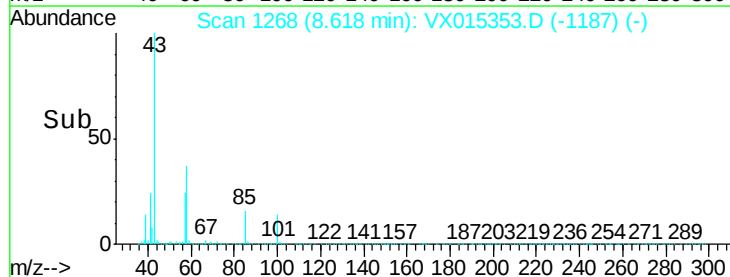
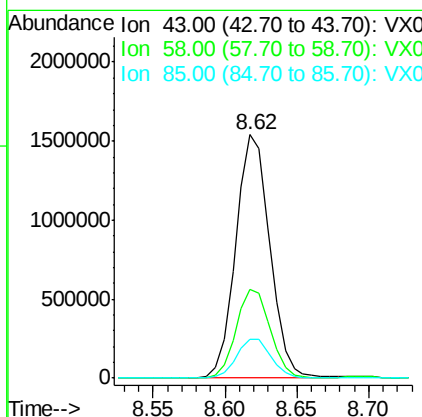
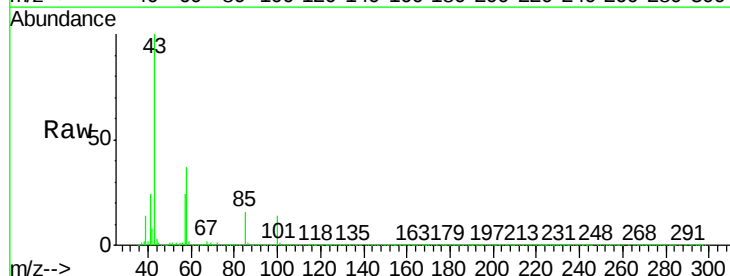
Manual Integrations
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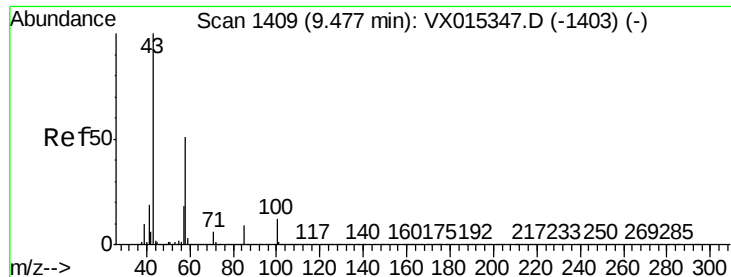
apatel
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#58
4-Methyl-2-Pentanone
Concen: 101.270 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0
85	16.5	13.0	19.4





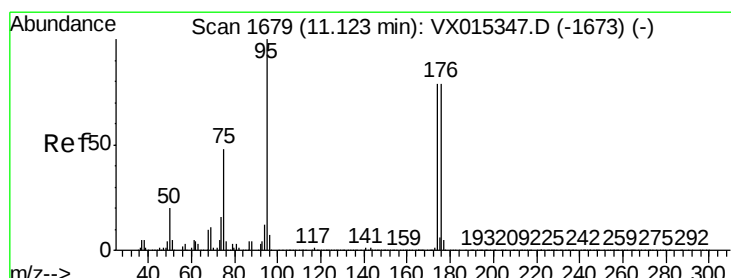
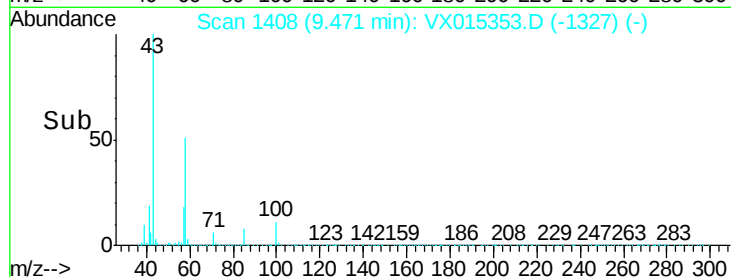
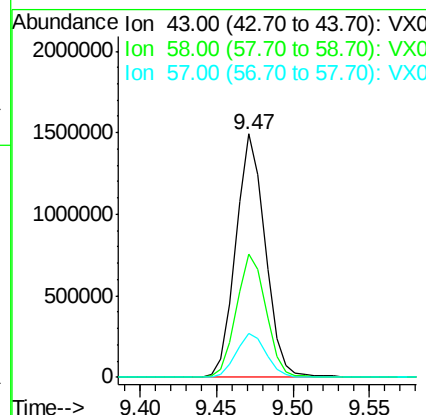
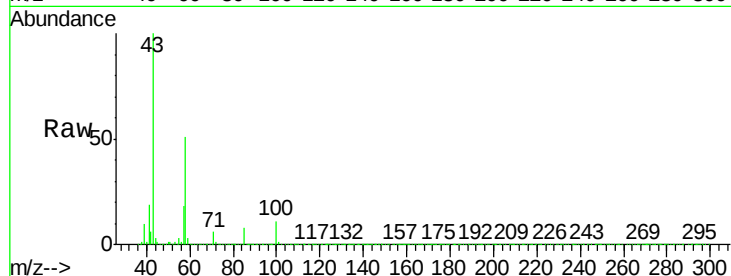
#59
2-Hexanone
Concen: 104.270 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 1976264
Ion Ratio Lower Upper
43 100
58 51.4 40.2 60.4
57 18.3 14.6 22.0

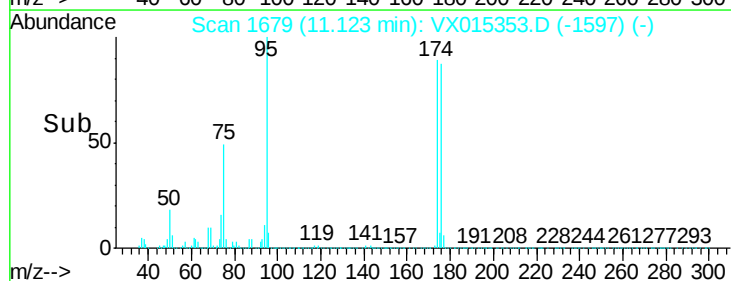
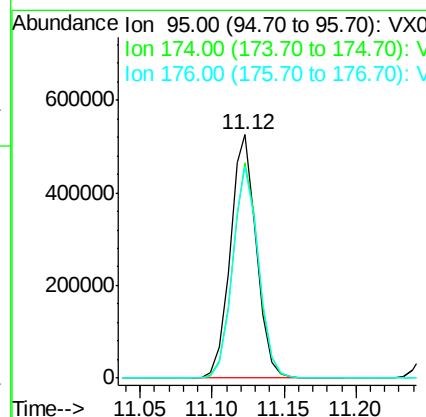
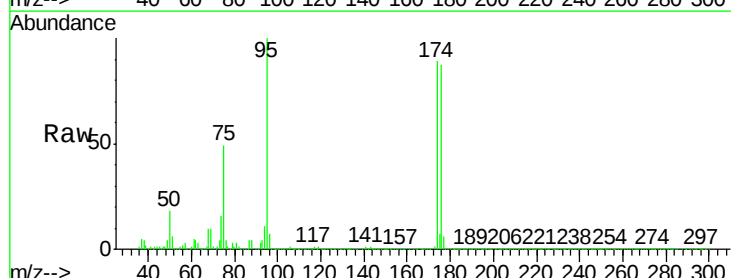
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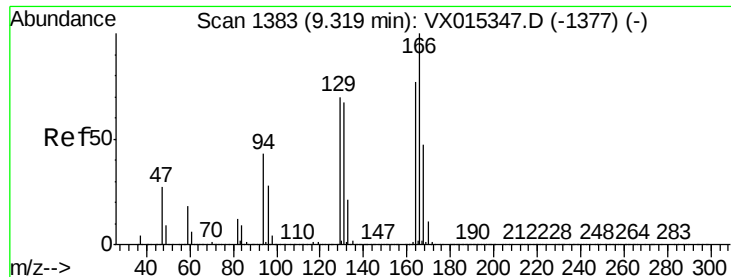
apatel
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#60
4-Bromofluorobenzene
Concen: 29.931 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion: 95 Resp: 666793
Ion Ratio Lower Upper
95 100
174 87.0 66.4 99.6
176 86.2 64.1 96.1





#61

Tetrachloroethene

Concen: 21.440 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

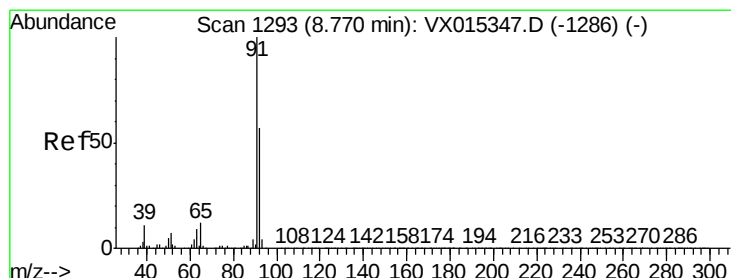
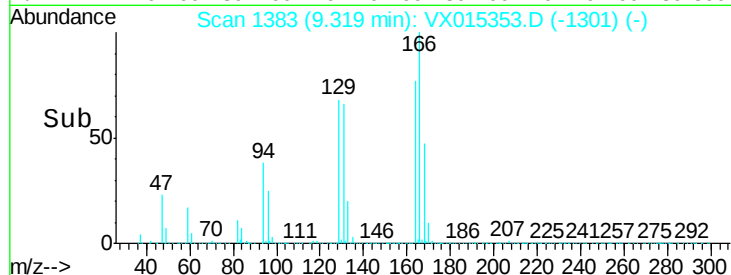
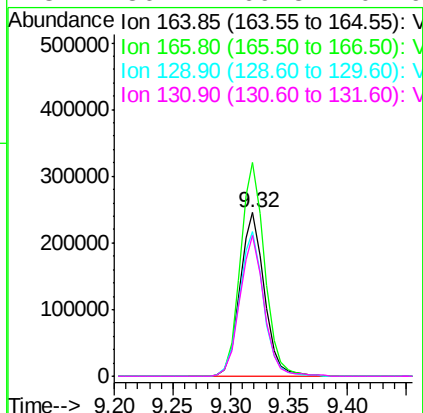
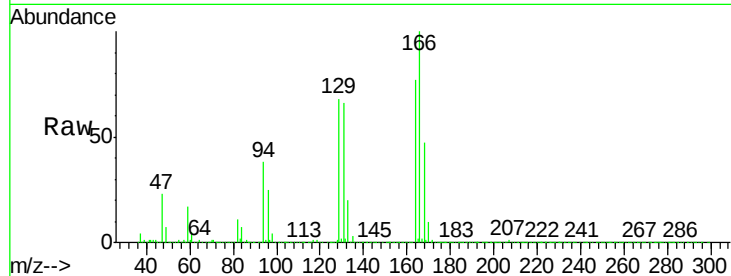
ClientSampleId :

VSTDCCC020

Tot Ion:	164	Resp:	358742
Ion Ratio	Lower	Upper	
164	100		
166	130.5	103.6	155.4
129	88.6	72.6	108.8
131	86.2	69.8	104.6

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#62

Toluene

Concen: 20.320 ug/l

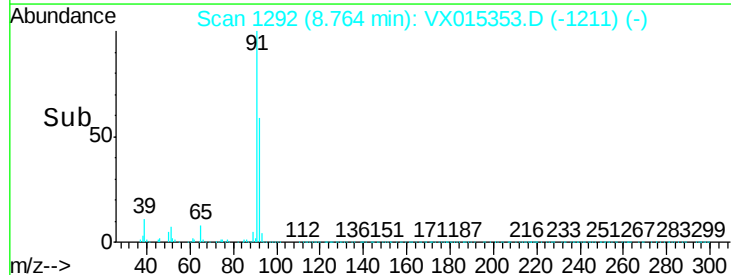
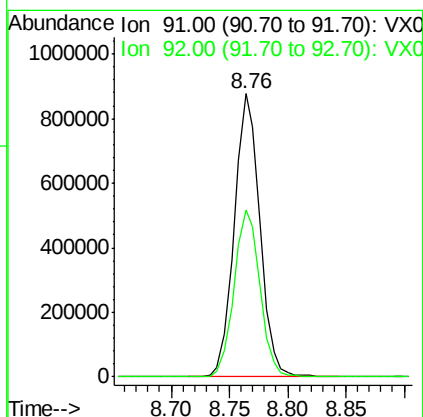
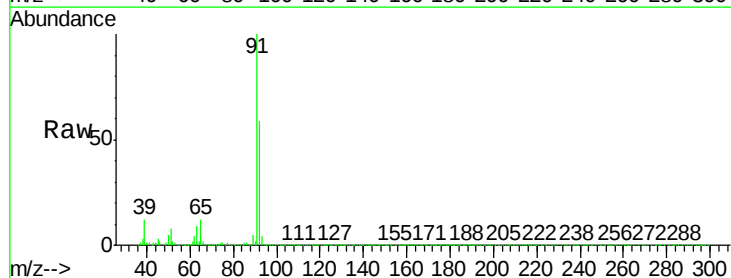
RT: 8.76 min Scan# 1292

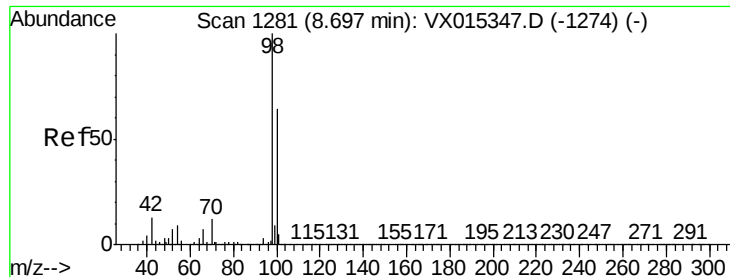
Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	91	Resp:	1339750
Ion Ratio	Lower	Upper	
91	100		
92	59.9	46.7	70.1





#63

Toluene-d8

Concen: 29.853 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 1651039

Ion Ratio Lower Upper

98 100

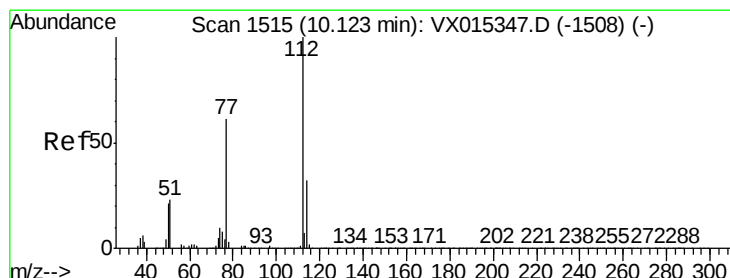
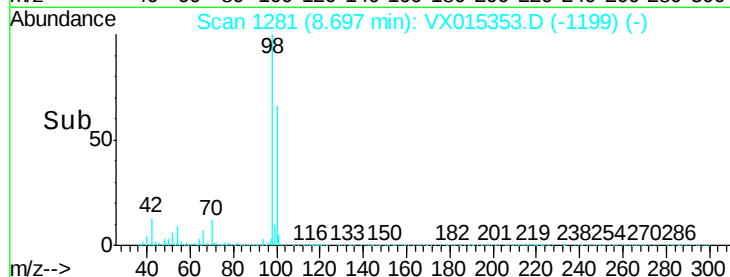
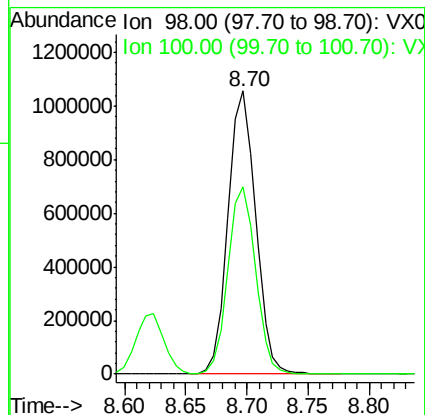
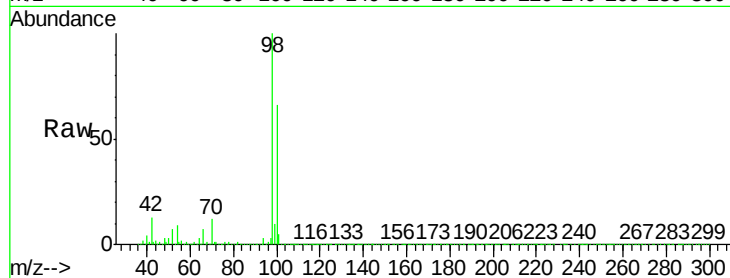
100 66.3 52.2 78.2

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#64

Chlorobenzene

Concen: 20.315 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015353.D

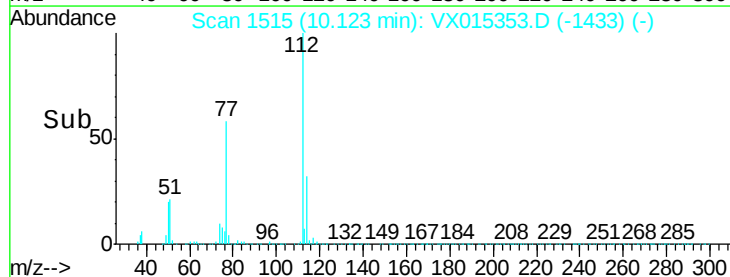
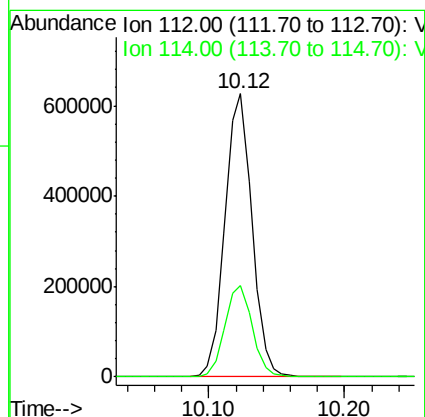
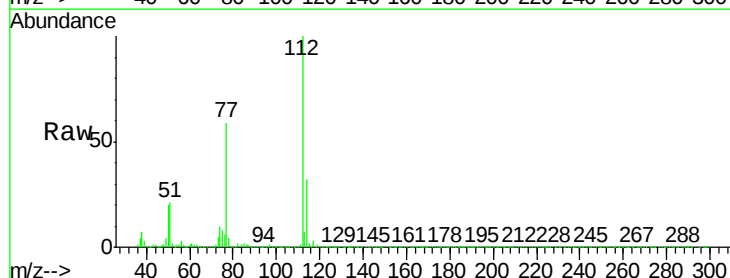
Acq: 26 Mar 2020 11:21

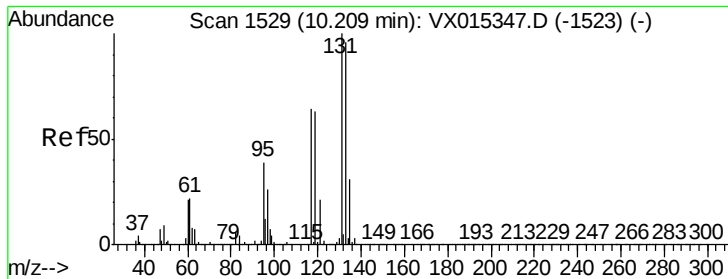
Tgt Ion: 112 Resp: 861199

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.214 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

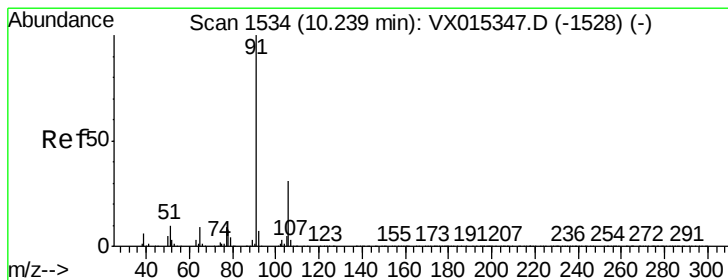
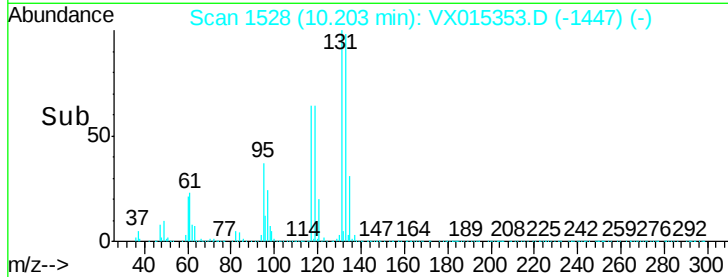
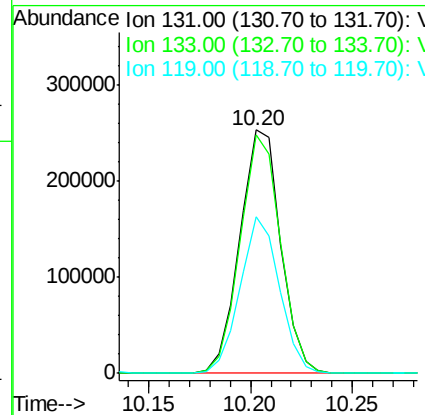
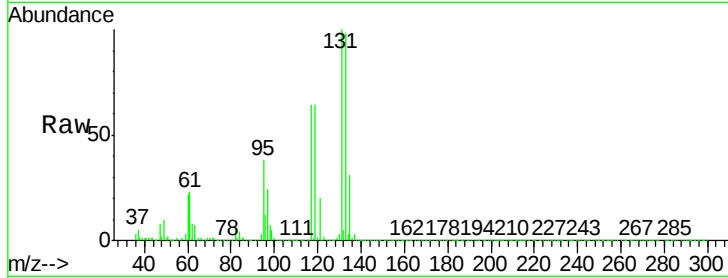
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	350156
Ion Ratio		Lower	Upper
131	100		
133	97.0	0.0	193.6
119	62.4	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.596 ug/l

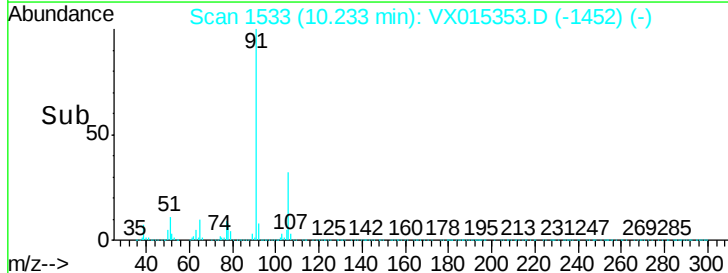
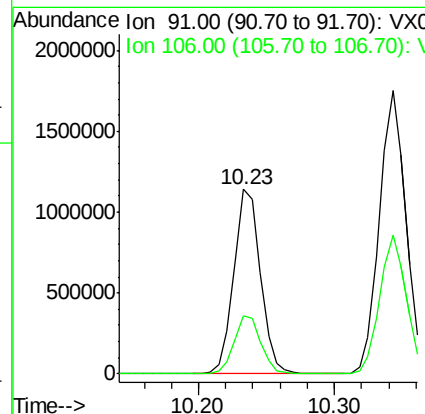
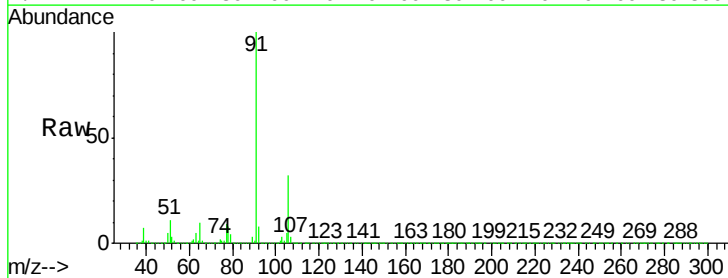
RT: 10.23 min Scan# 1533

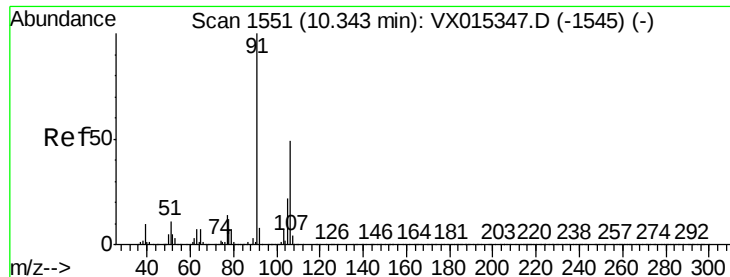
Delta R.T. -0.01 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	91	Resp:	1551344
Ion Ratio		Lower	Upper
91	100		
106	31.8	25.0	37.6





#67

m/p-Xylenes

Concen: 41.051 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 1170325

Ion Ratio Lower Upper

106 100

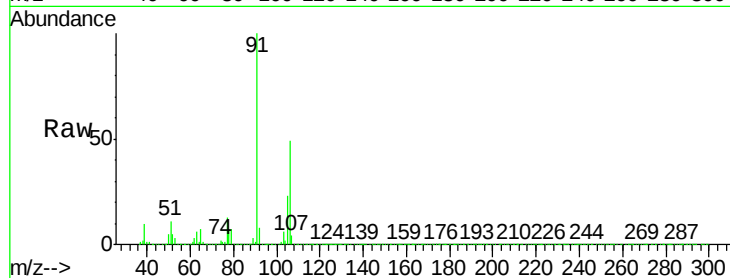
91 204.2 165.0 247.4

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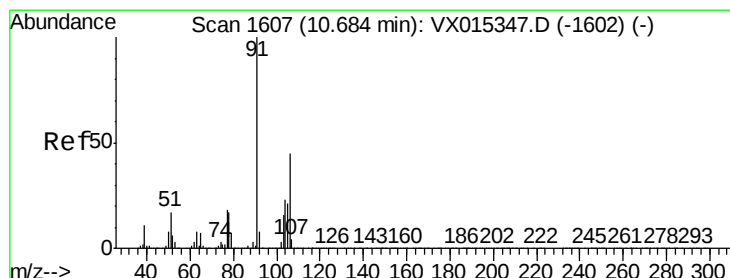
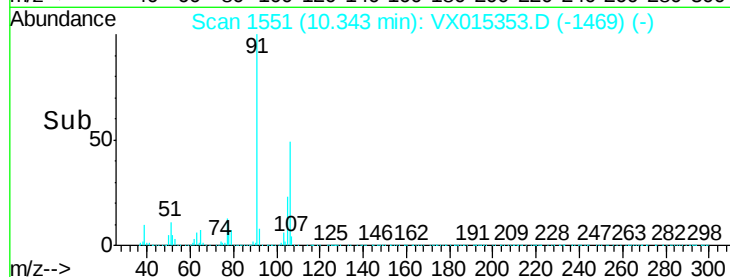
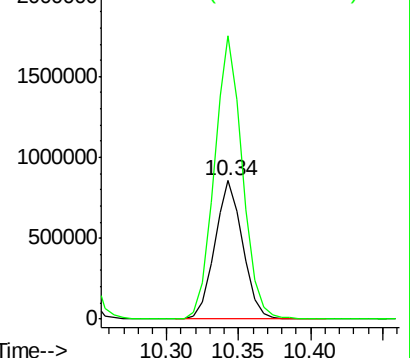
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.618 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015353.D

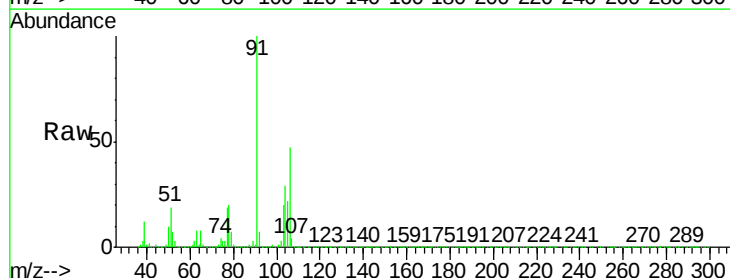
Acq: 26 Mar 2020 11:21

Tgt Ion:106 Resp: 574552

Ion Ratio Lower Upper

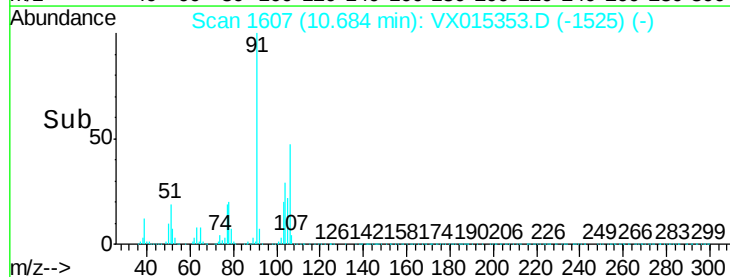
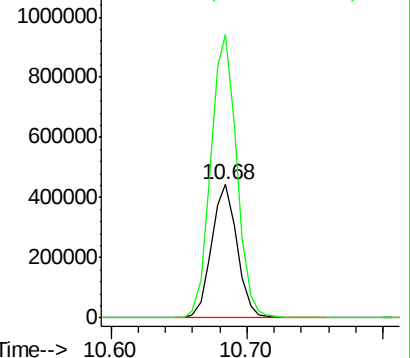
106 100

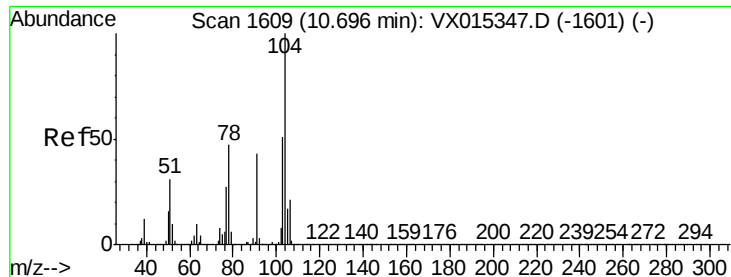
91 215.6 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





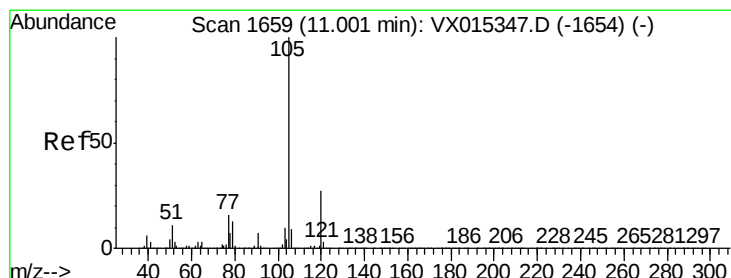
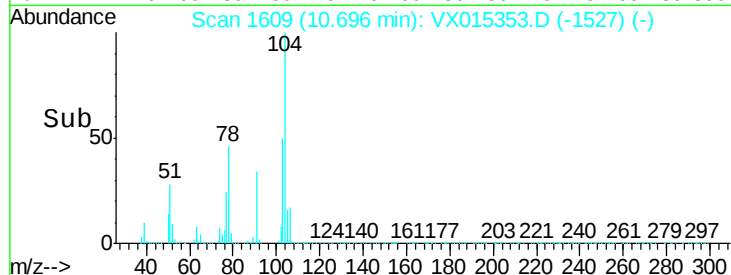
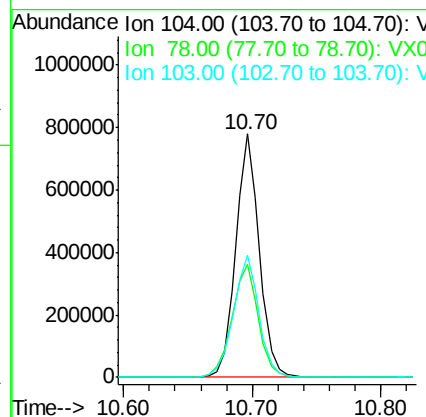
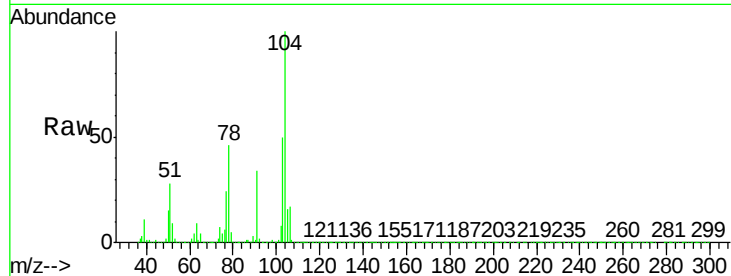
#69
Stvrene
Concen: 20.450 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	992863		
78	52.0		41.5	62.3
103	54.6		43.4	65.2

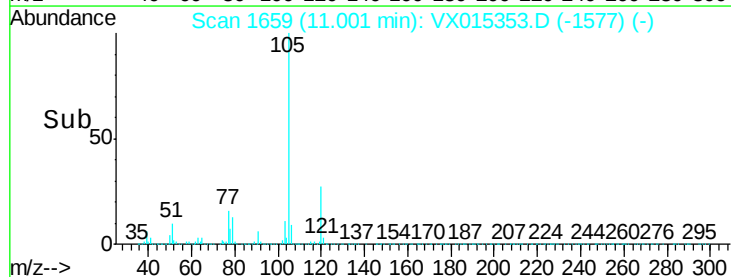
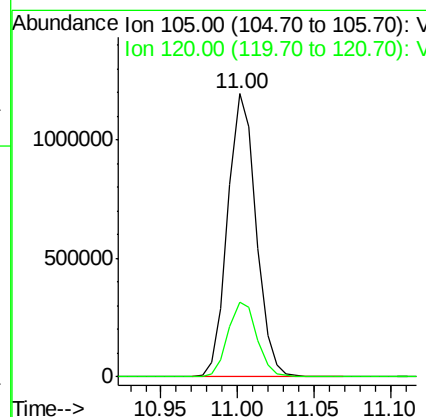
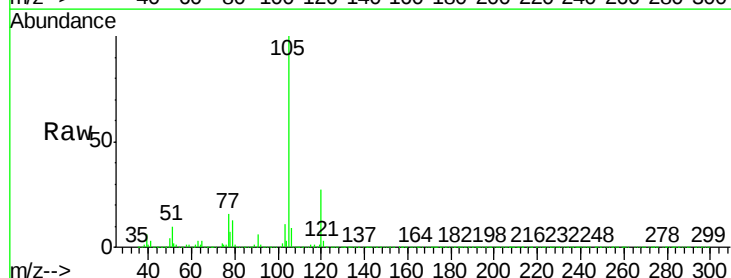
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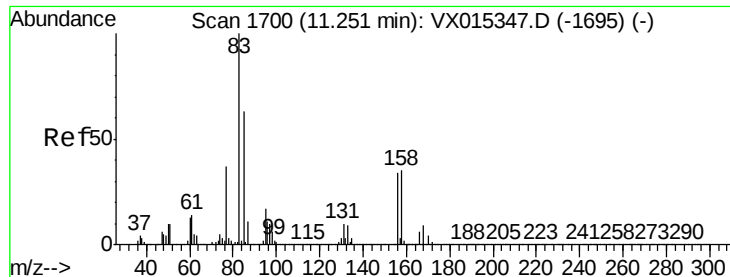
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#70
Isopropylbenzene
Concen: 20.832 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1538955		
120	27.1		18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.544 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

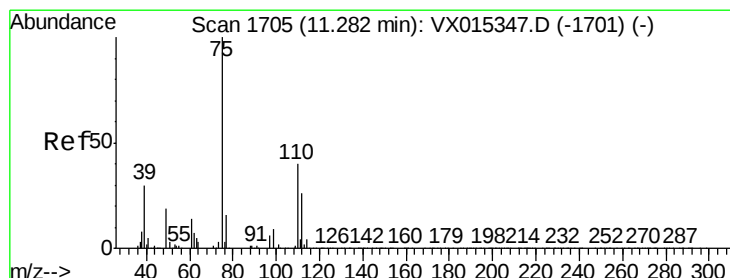
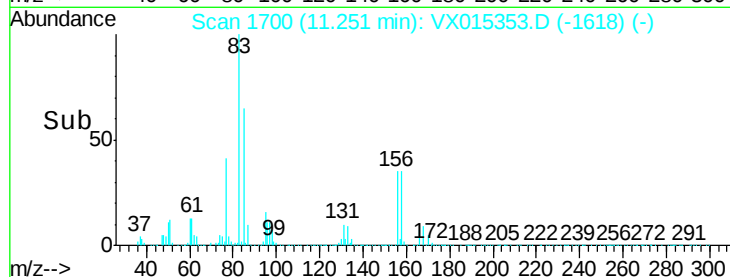
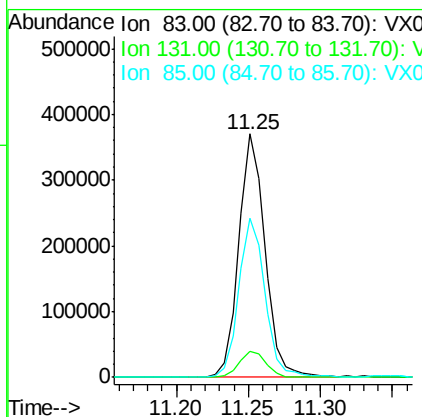
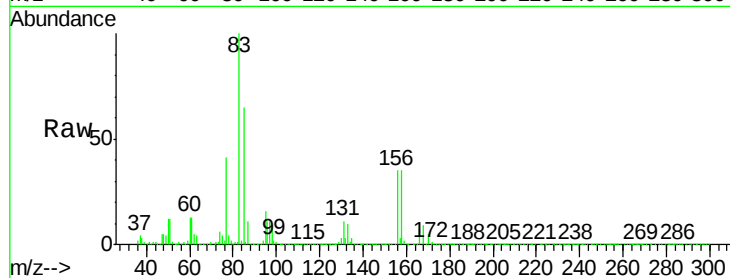
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	467944
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	15.9
85	65.2	32.0	96.2

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#72

1,2,3-Trichloropropane

Concen: 17.220 ug/l m

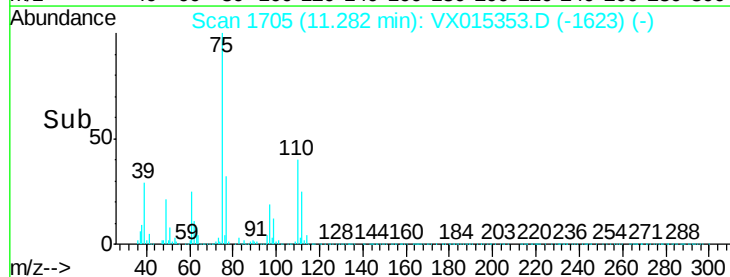
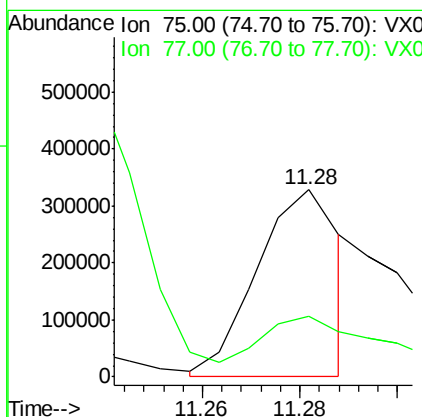
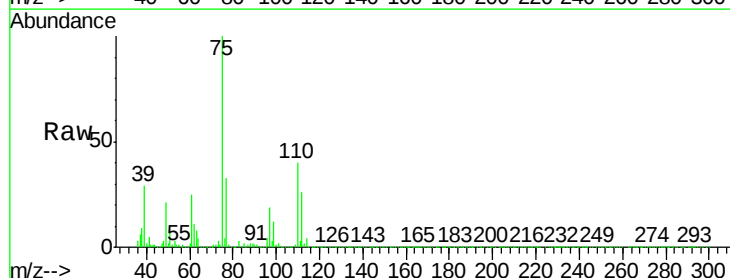
RT: 11.28 min Scan# 1705

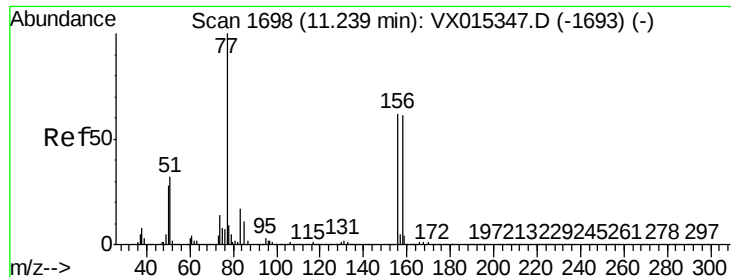
Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	75	Resp:	385790
Ion Ratio	Lower	Upper	
75	100		
77	48.4	0.0	80.0





#73

Bromobenzene

Concen: 20.746 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

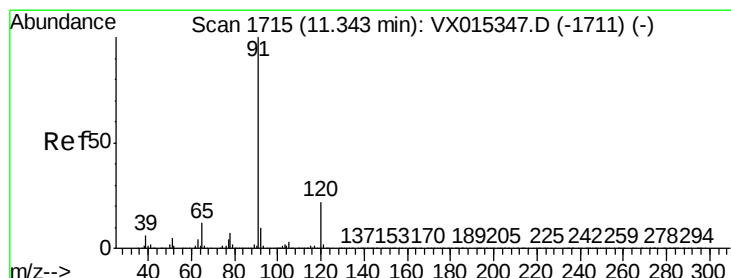
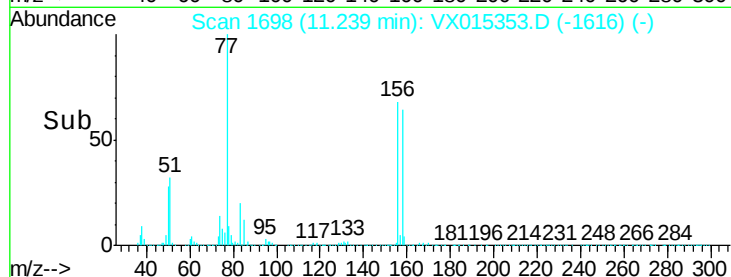
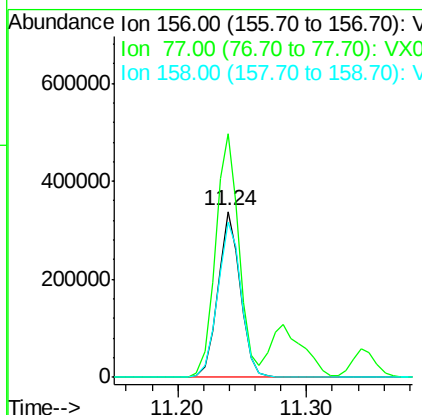
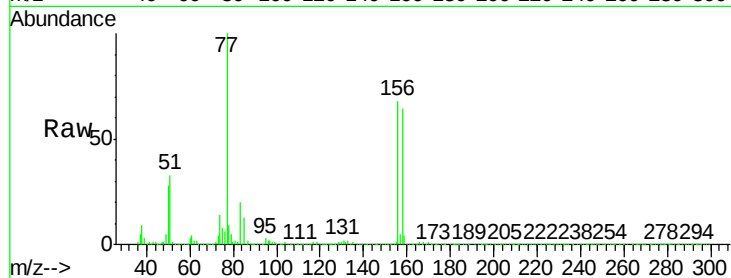
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	411390
Ion Ratio	Lower	Upper	
156	100		
77	153.9	0.0	324.4
158	98.7	0.0	200.0

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#74

n-propylbenzene

Concen: 20.946 ug/l

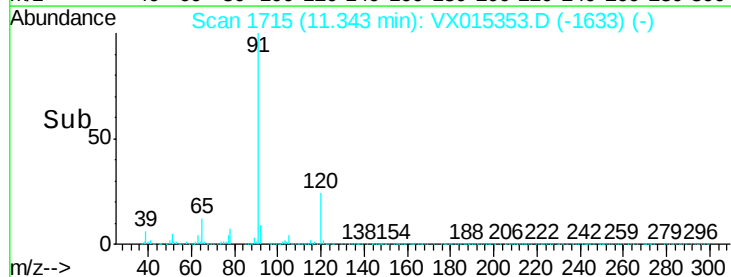
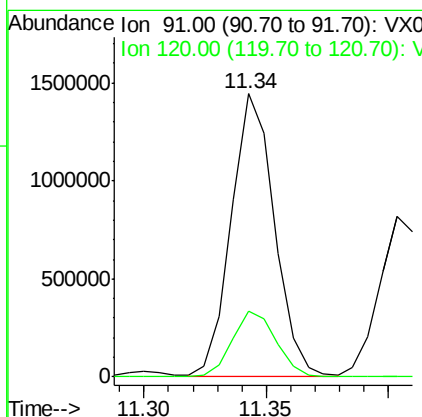
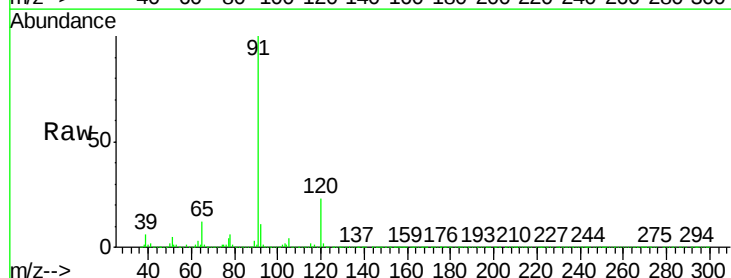
RT: 11.34 min Scan# 1715

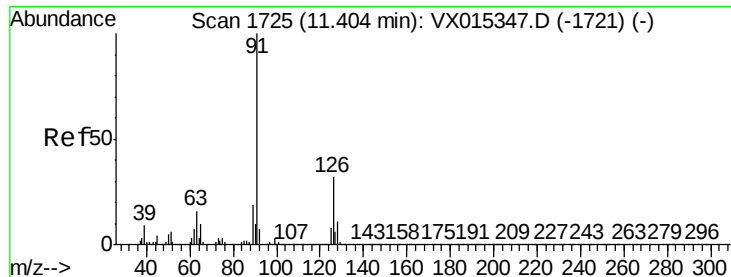
Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	91	Resp:	1774842
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.461 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 1054459

Ion Ratio Lower Upper

91 100

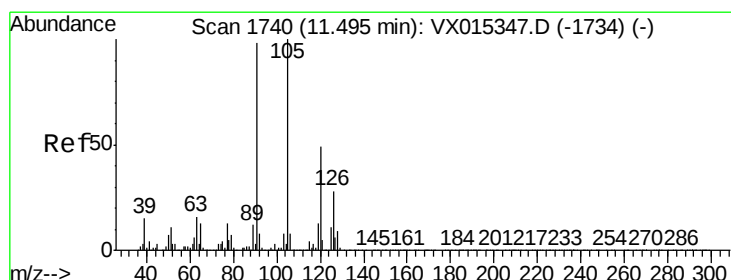
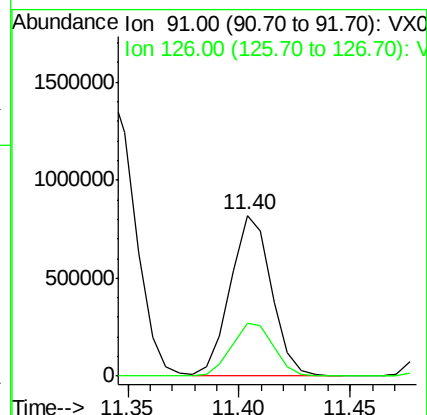
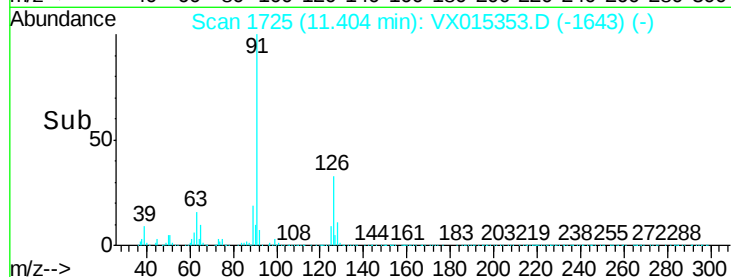
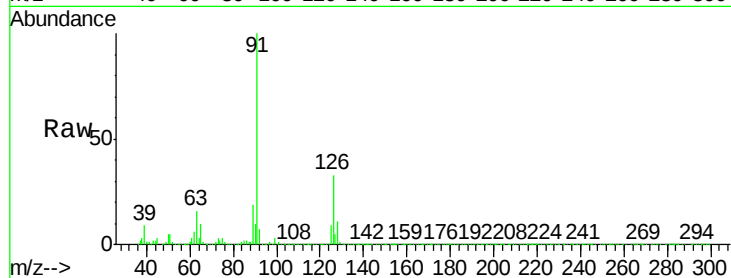
126 34.1 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 20.814 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015353.D

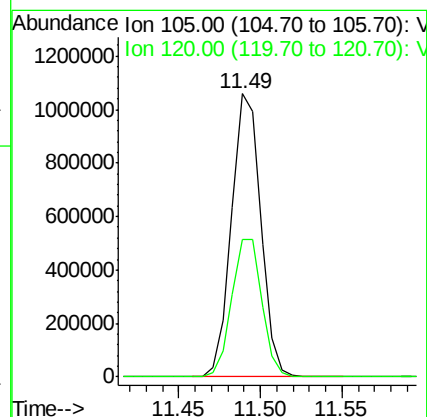
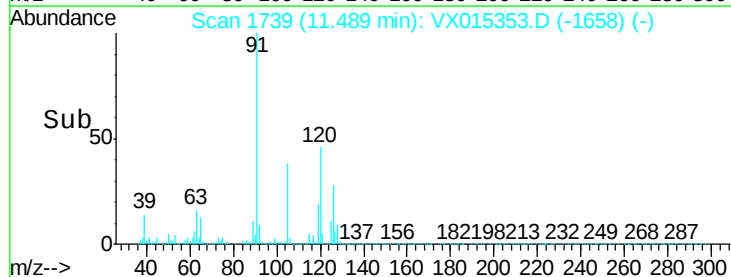
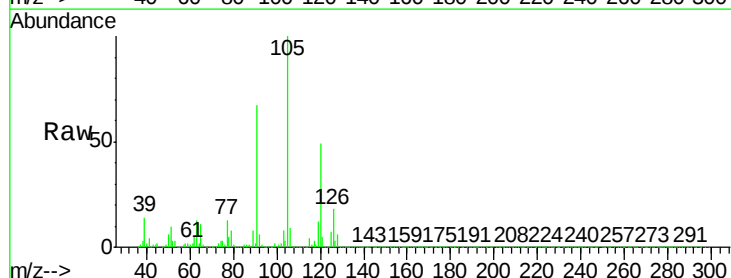
Acq: 26 Mar 2020 11:21

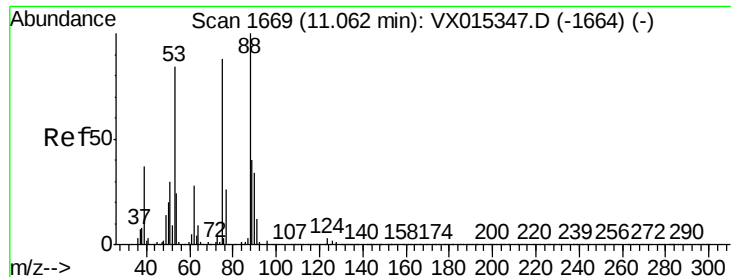
Tgt Ion: 105 Resp: 1320418

Ion Ratio Lower Upper

105 100

120 50.1 0.0 98.0





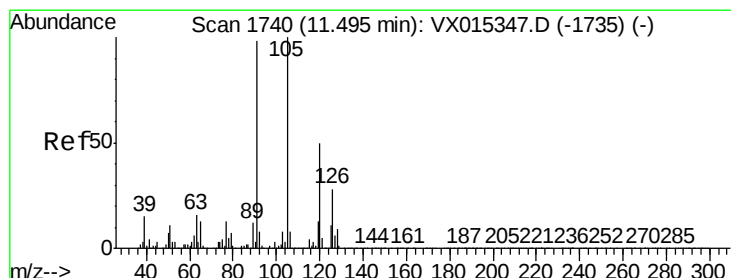
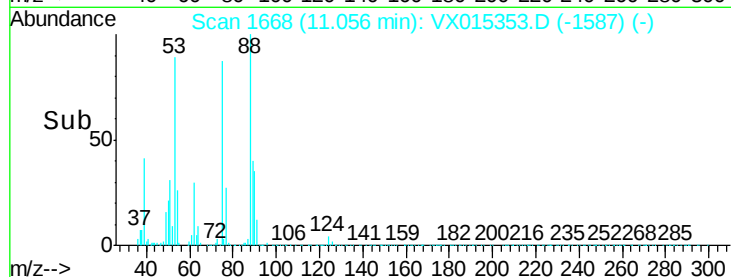
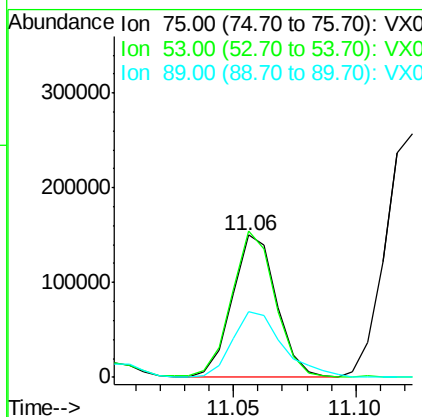
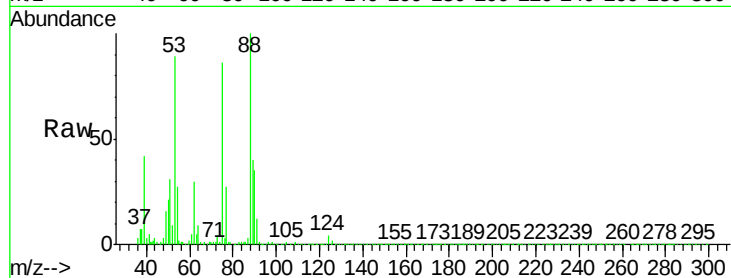
#77
t-1,4-Dichloro-2-butene
Concen: 19.396 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	47.5	142.6
89	46.2	22.8	68.3

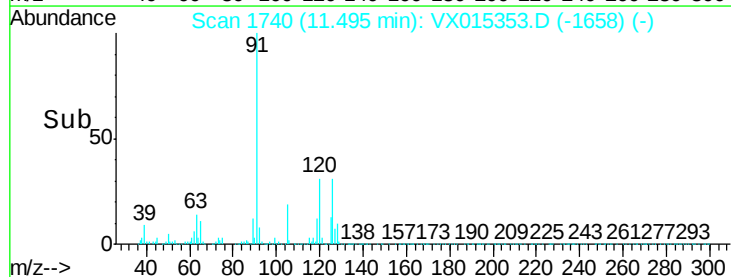
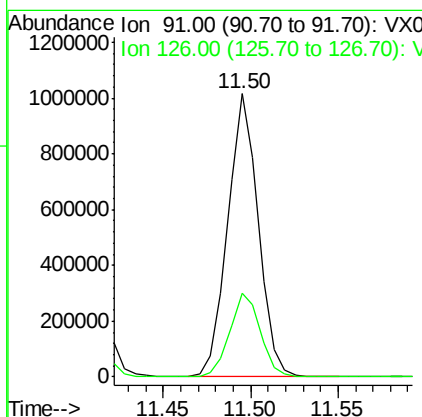
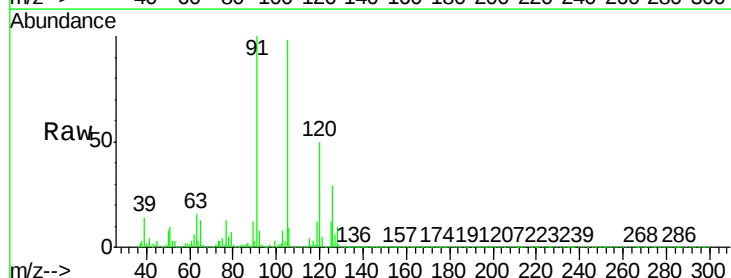
Manual Integrations
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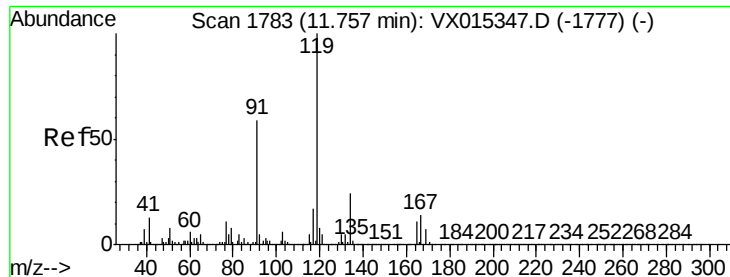
apatel
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#78
4-Chlorotoluene
Concen: 20.603 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	57.8





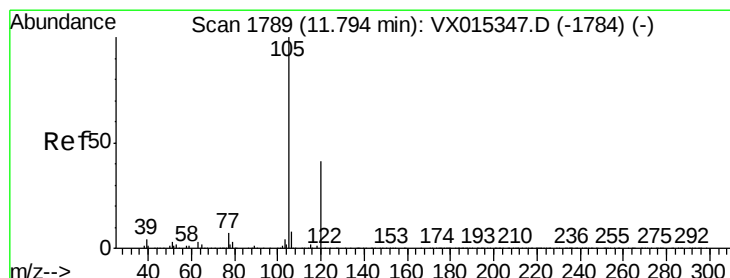
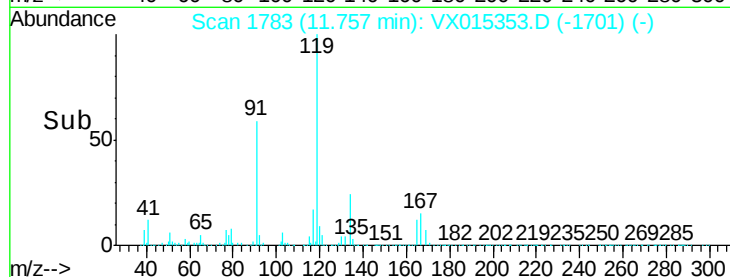
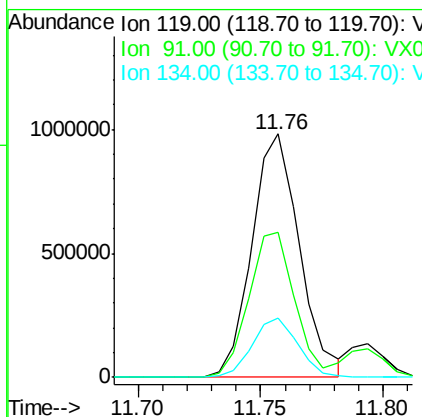
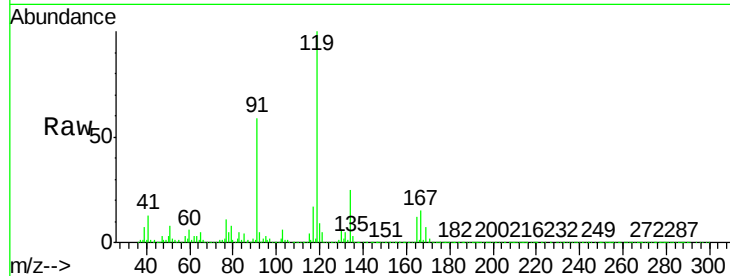
#79
tert-butylbenzene
Concen: 20.925 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.0	0.0	115.8
134	23.4	0.0	47.0

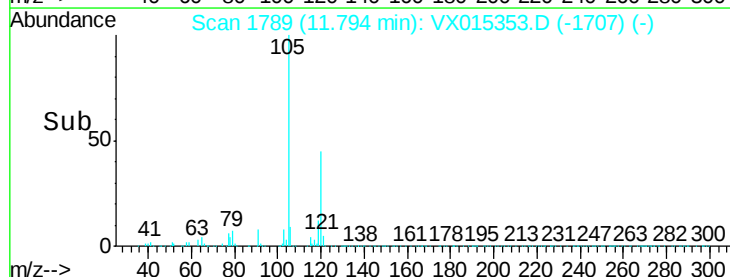
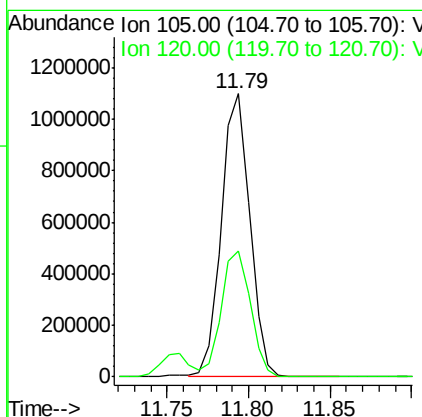
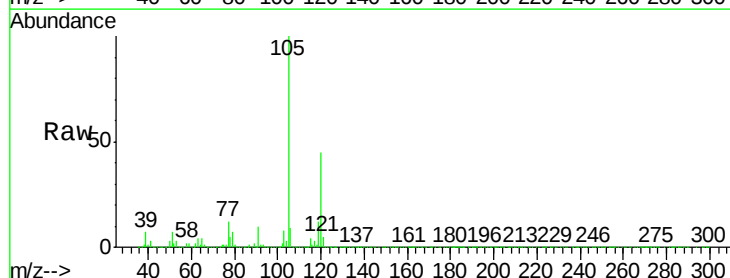
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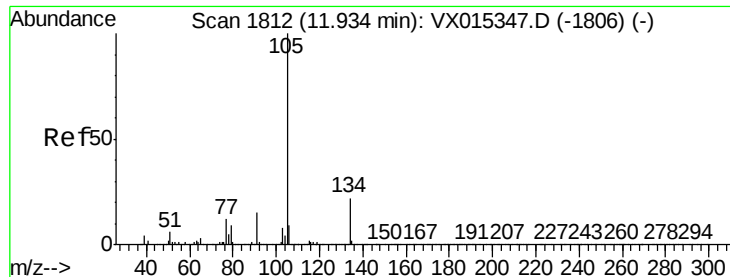
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#80
1,2,4-Trimethylbenzene
Concen: 20.776 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	0.0	91.0





#81

sec-Butylbenzene

Concen: 20.998 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:105 Resp: 1527245

Ion Ratio Lower Upper

105 100

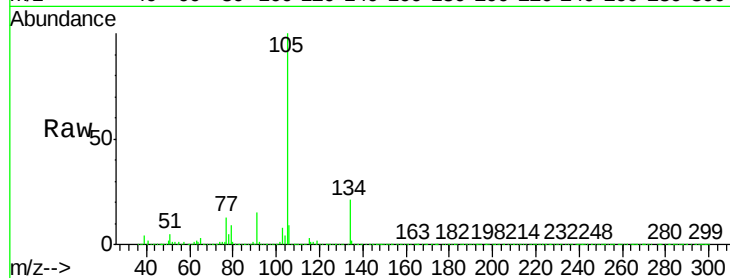
134 20.9 0.0 41.6

Manual Integrations

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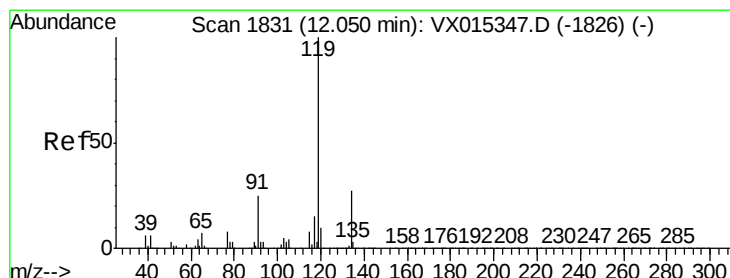
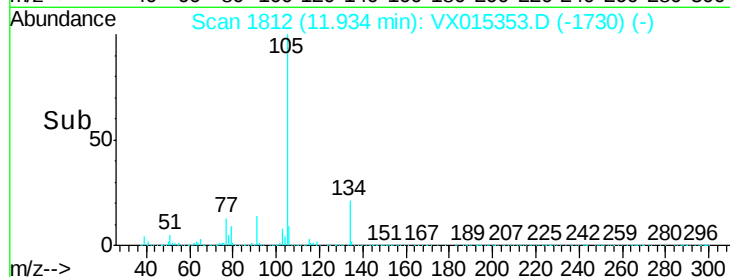
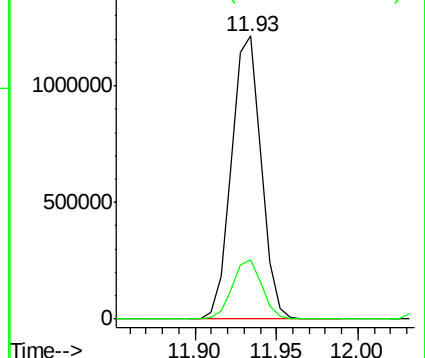
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 21.001 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

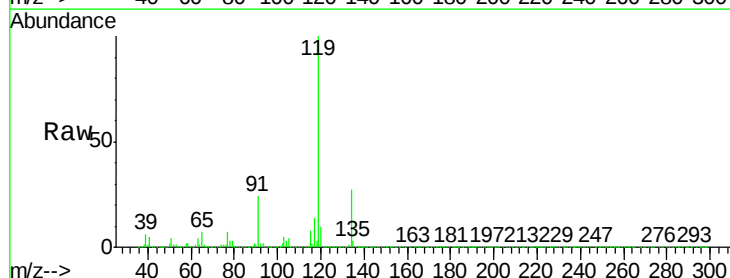
Tgt Ion:119 Resp: 1439652

Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.2

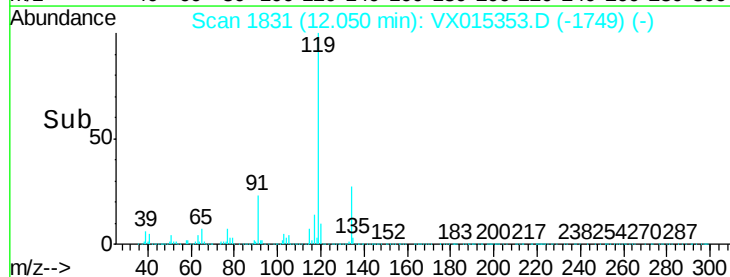
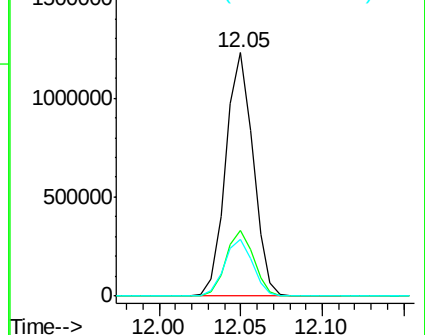
91 23.8 0.0 48.2

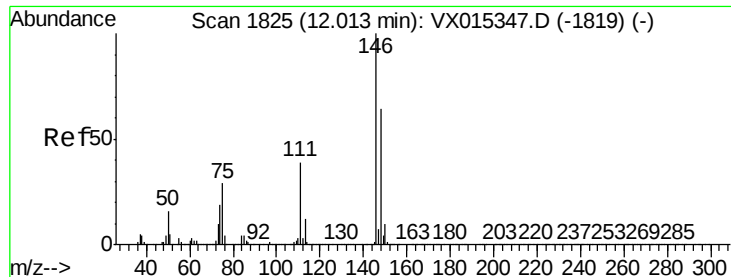


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





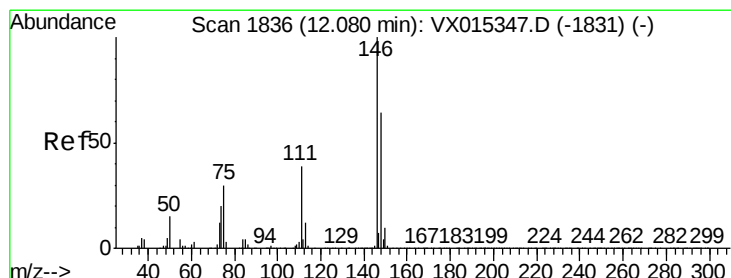
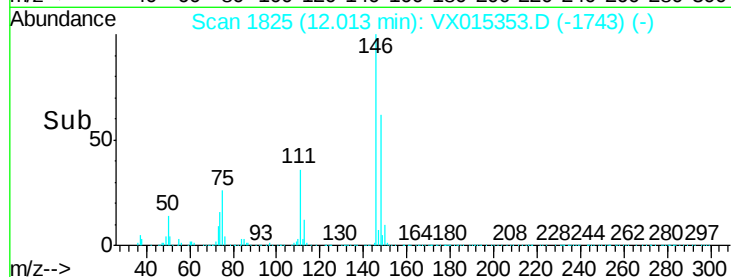
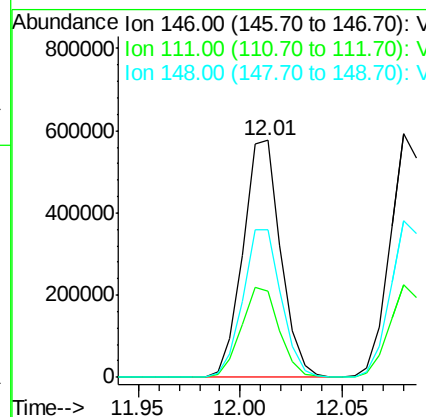
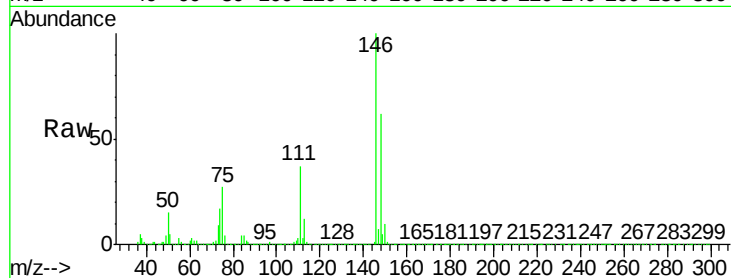
#83
 1,3-Dichlorobenzene
 Concen: 20.709 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.1	60.2
148	63.3	31.4	94.2

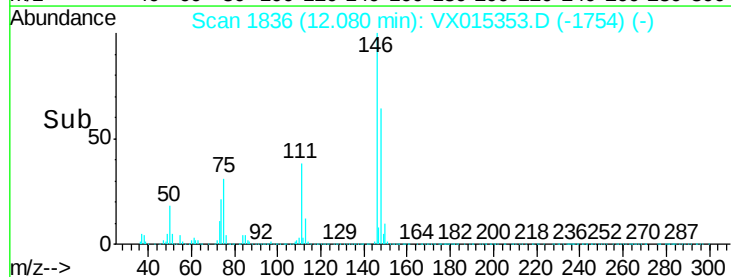
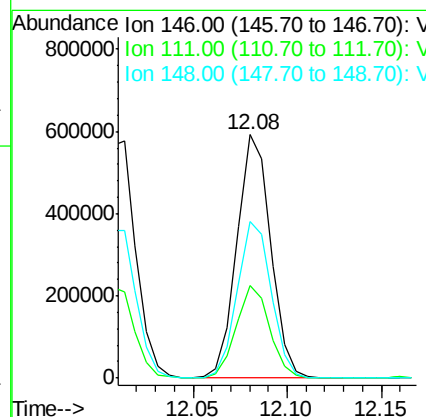
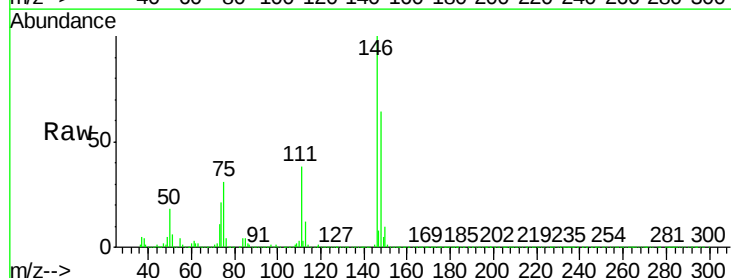
Manual Integrations
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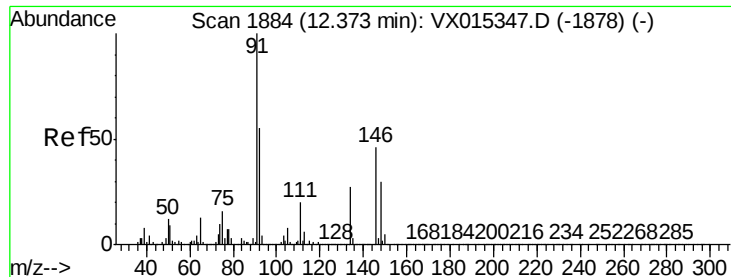
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#84
 1,4-Dichlorobenzene
 Concen: 20.767 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.8	31.4	94.3





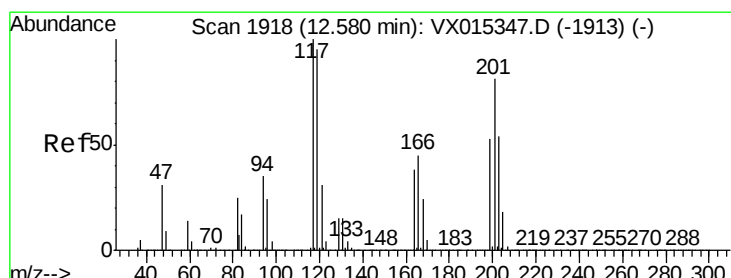
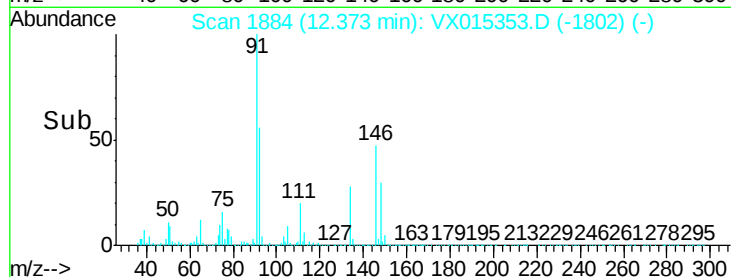
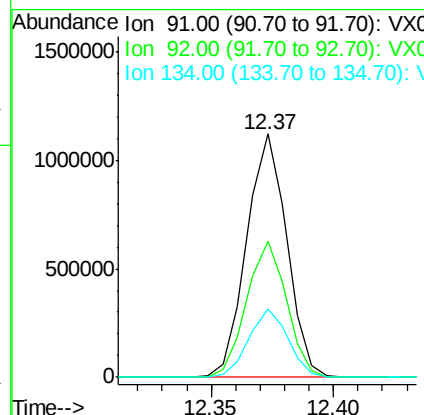
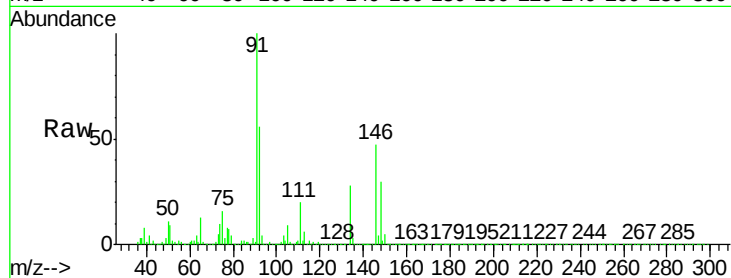
#85
n-Butylbenzene
Concen: 21.016 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	0.0	109.0
134	27.7	0.0	54.0

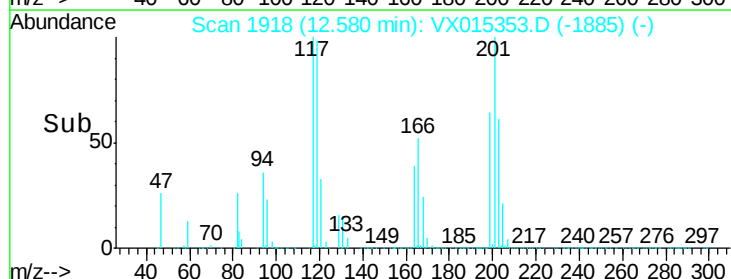
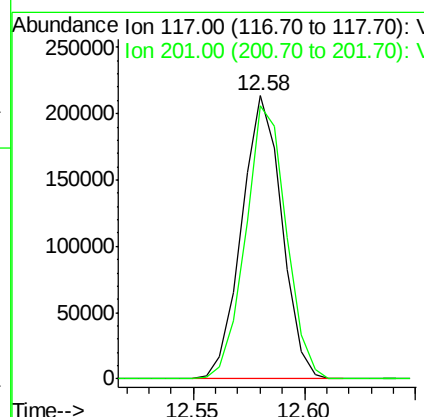
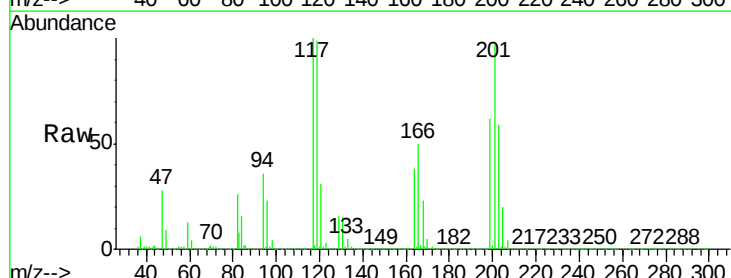
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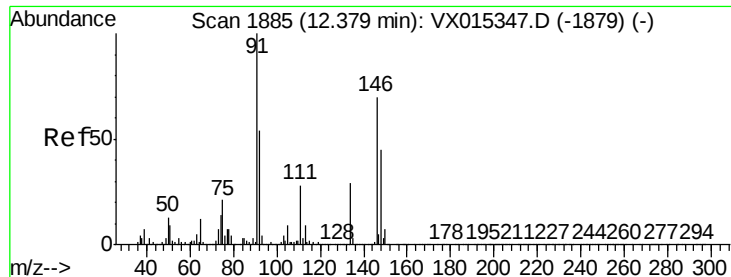
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#86
Hexachloroethane
Concen: 20.198 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.9	44.9	134.5





#87

1,2-Dichlorobenzene

Concen: 20.626 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Instrument :

MSVOA_X

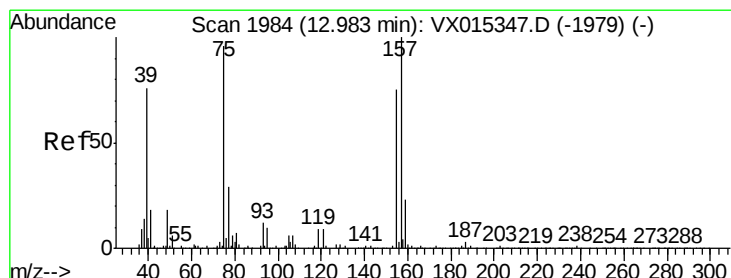
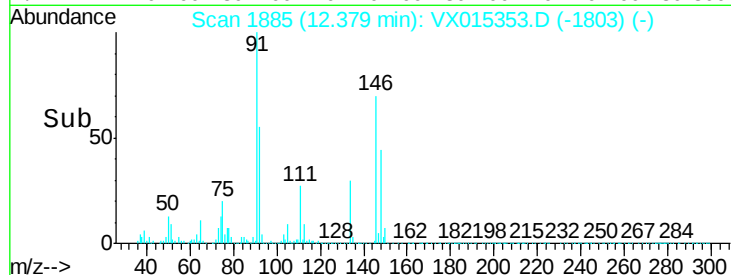
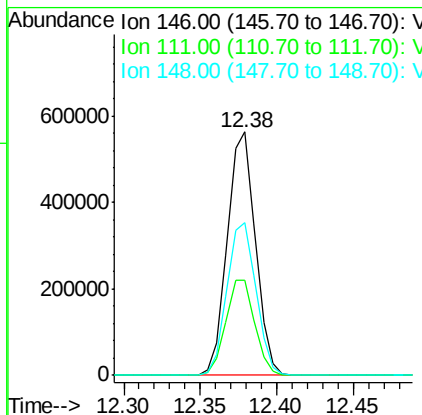
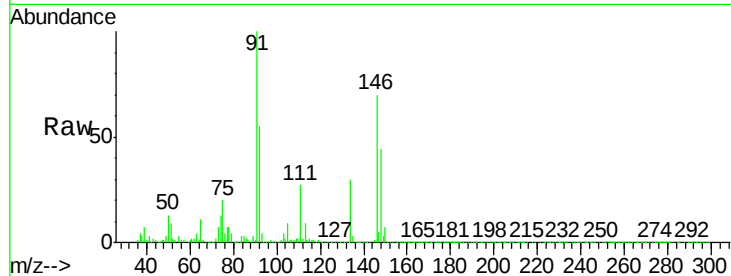
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	717542
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.4	61.2
148	64.7	31.9	95.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.926 ug/l

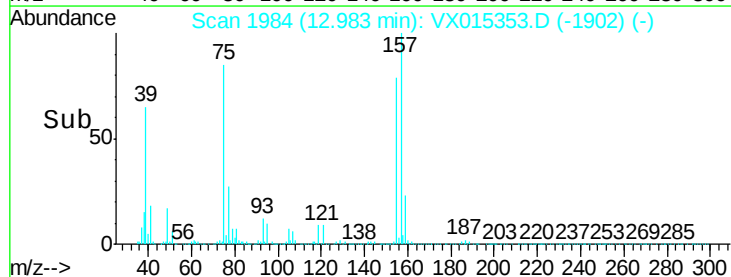
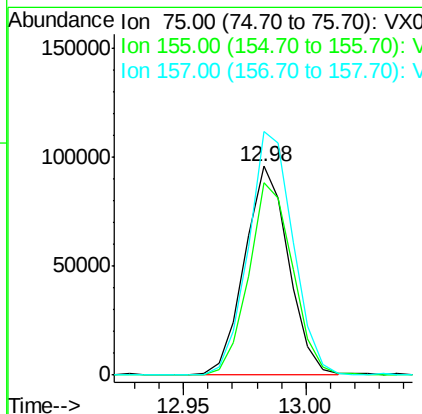
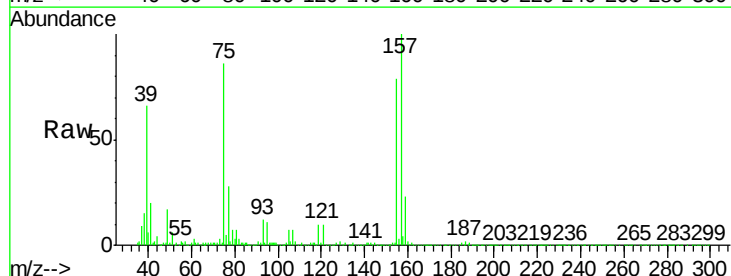
RT: 12.98 min Scan# 1984

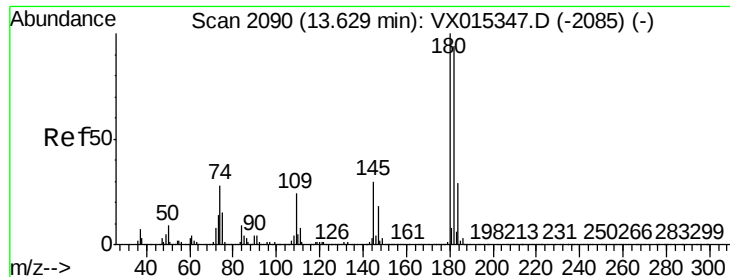
Delta R.T. 0.00 min

Lab File: VX015353.D

Acq: 26 Mar 2020 11:21

Tgt Ion:	75	Resp:	119357
Ion Ratio	Lower	Upper	
75	100		
155	92.5	67.7	101.5
157	119.1	88.5	132.7





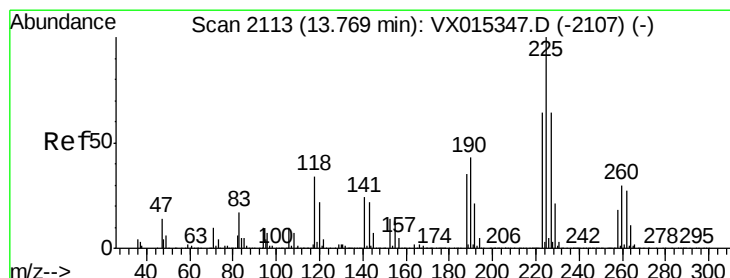
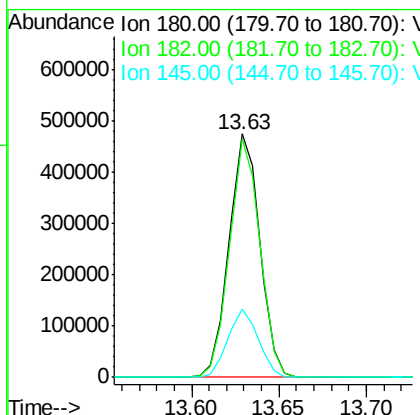
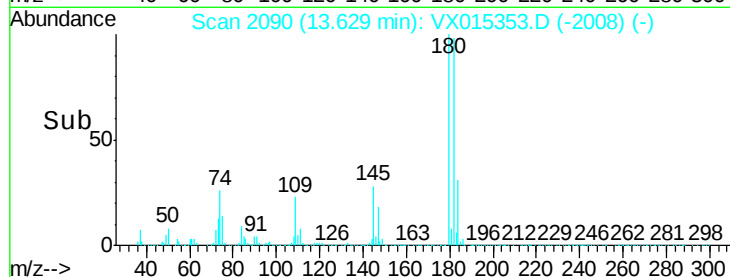
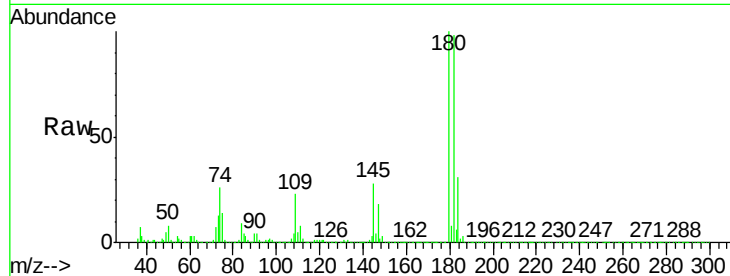
#89
 1,2,4-Trichlorobenzene
 Concen: 20.800 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	582894		
182	96.3	76.9	115.3	
145	27.5	24.3	36.5	

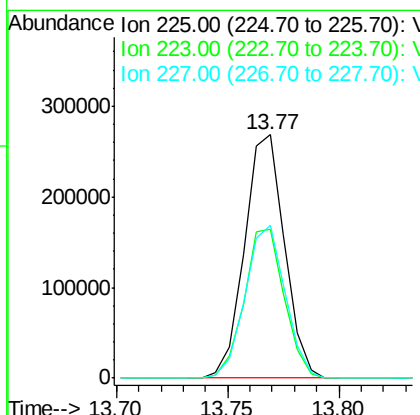
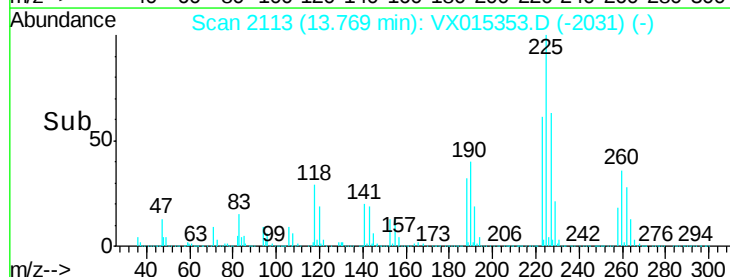
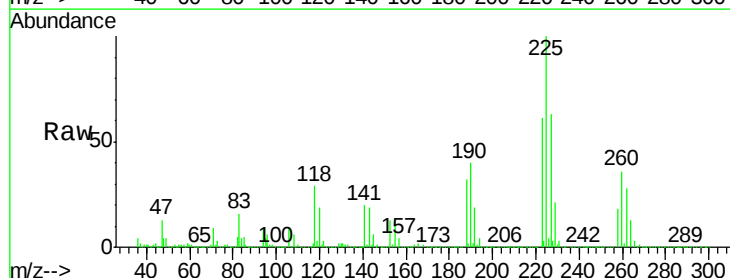
Manual Integrations
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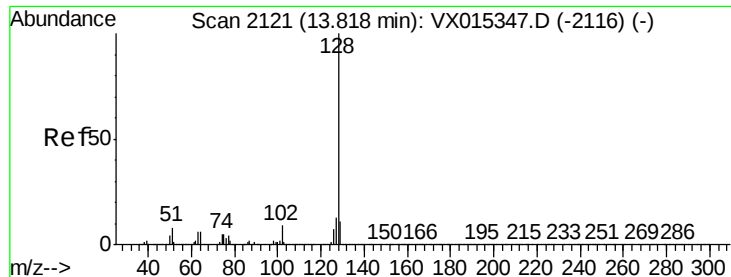
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#90
 Hexachlorobutadiene
 Concen: 22.806 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015353.D
 Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	336680		
223	61.3	0.0	127.0	
227	62.4	0.0	126.8	





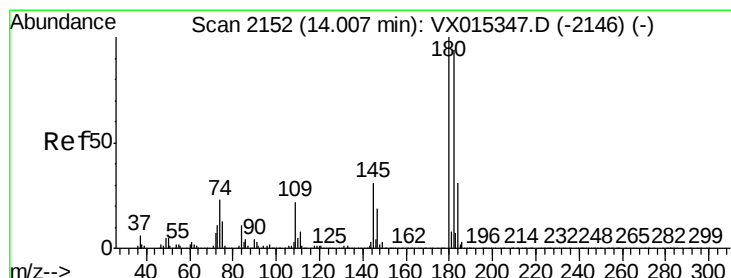
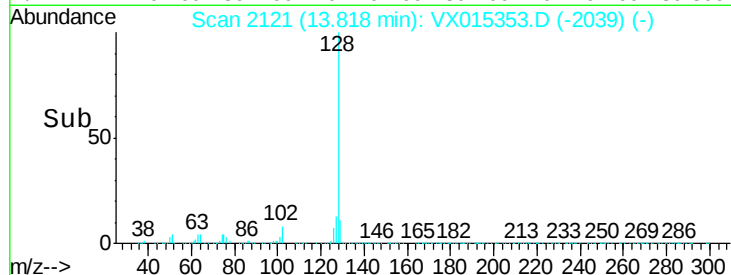
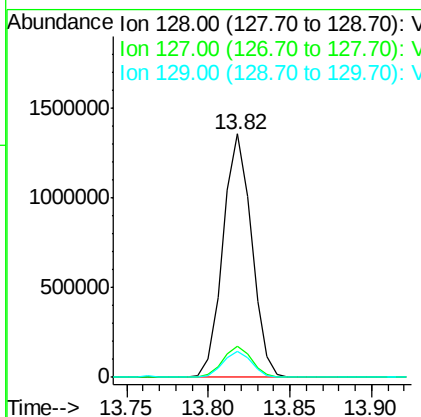
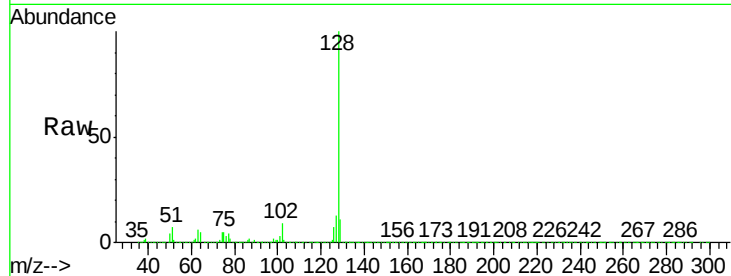
#91
Naphthalene
Concen: 20.348 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 20.656 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015353.D
Acq: 26 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	191.0
145	29.8	0.0	62.2

