

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO041020\
 Data File : VX015640.D
 Acq On : 10 Apr 2020 22:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
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Quant Time: Apr 11 03:27:09 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	190761	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1061623	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	959509	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	448902	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	11.12	95	498107	30.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.10%
63) Toluene-d8	8.70	98	1224230	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	149921	16.457	ug/l 99
3) Chloromethane	1.31	50	203838	18.130	ug/l 98
4) Vinyl Chloride	1.39	62	212868	19.681	ug/l 99
5) Bromomethane	1.63	94	157245	27.310	ug/l 100
6) Chloroethane	1.72	64	139857	20.726	ug/l 95
7) Trichlorofluoromethane	1.92	101	300466	19.439	ug/l 97
8) Diethyl Ether	2.17	74	128441	21.598	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	189203	18.502	ug/l 98
10) 1,1-Dichloroethene	2.36	96	196167	18.886	ug/l 97
11) Methyl Iodide	2.49	142	193708	14.033	ug/l 96
12) Methyl Acetate	2.75	43	317368	20.881	ug/l 98
13) Acrolein	2.27	56	227845	115.234	ug/l 94
14) Acrylonitrile	3.11	53	659209	101.308	ug/l 98
15) Acetone	2.42	58	167943	101.501	ug/l 81
16) Carbon Disulfide	2.55	76	547802	18.041	ug/l 100
17) Allyl chloride	2.71	41	425323	18.136	ug/l 98
18) Methylene Chloride	2.84	84	232337	19.923	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	220147	19.593	ug/l 98
20) Diisopropyl ether	3.83	45	826123	19.641	ug/l 99
21) 1,1-Dichloroethane	3.67	63	417165	19.430	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	254084	19.629	ug/l 97
23) tert-Butyl Alcohol	3.01	59	292365	91.346	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	759500	19.694	ug/l 99
25) Chloroform	5.19	83	419375	19.761	ug/l 96
26) Cyclohexane	5.55	56	373055	18.186	ug/l 100
29) 1,1-Dichloropropene	5.77	75	311336	19.520	ug/l 99
30) 2-Butanone	4.64	43	963771	100.798	ug/l 100
31) 2,2-Dichloropropane	4.56	77	306877	15.988	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	379297	19.491	ug/l 99
33) Carbon Tetrachloride	5.76	117	334917	18.886	ug/l 96
34) Benzene	6.12	78	914672	19.897	ug/l 99
35) Methacrylonitrile	5.00	41	214502	19.783	ug/l 98
36) 1,2-Dichloroethane	6.17	62	373151	21.007	ug/l 98
37) Trichloroethene	7.19	130	257649	19.905	ug/l 98
38) Methylcyclohexane	7.44	83	355503	18.182	ug/l 100
39) 1,2-Dichloropropane	7.50	63	237262	19.216	ug/l 93
40) Dibromomethane	7.64	93	161176	19.611	ug/l 97

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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	7.88	83	338489	18.951	ug/l	99
42) Vinyl Acetate	3.79	43	3689427	101.839	ug/l	100
43) Ethyl Acetate	4.79	43	383473	18.438	ug/l	98
44) Isopropyl Acetate	6.42	43	650068	19.422	ug/l	99
45) 1,4-Dioxane	7.72	88	113341	367.576	ug/l	99
46) Methyl methacrylate	7.75	41	322583	19.313	ug/l	98
47) n-amyl Acetate	10.88	43	548371	19.001	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	369116	17.902	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	392738	18.453	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	237496	20.136	ug/l	97
51) Ethyl methacrylate	9.16	69	392068	19.328	ug/l	99
52) 1,3-Dichloropropane	9.36	76	409222	20.088	ug/l	99
53) Dibromochloromethane	9.57	129	273074	18.782	ug/l	97
54) 1,2-Dibromoethane	9.65	107	255233	20.168	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	959753	100.178	ug/l	100
56) Bromoform	10.84	173	209942	17.562	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1919040	104.501	ug/l	100
59) 2-Hexanone	9.47	43	1447546	103.615	ug/l	99
61) Tetrachloroethene	9.32	164	240183	19.475	ug/l	99
62) Toluene	8.77	91	976631	20.095	ug/l	99
64) Chlorobenzene	10.12	112	639384	20.462	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	246079	19.272	ug/l	97
66) Ethyl Benzene	10.24	91	1140556	20.543	ug/l	96
67) m/p-Xylenes	10.34	106	845281	40.225	ug/l	99
68) o-Xylene	10.68	106	412051	20.061	ug/l	98
69) Styrene	10.70	104	728823	20.366	ug/l	98
70) Isopropylbenzene	11.01	105	1108695	20.361	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	359772	20.385	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	333119m	20.172	ug/l	
73) Bromobenzene	11.24	156	295106	20.190	ug/l	96
74) n-propylbenzene	11.34	91	1246206	19.953	ug/l	100
75) 2-Chlorotoluene	11.41	91	771672	20.315	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	932313	19.938	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	112529	15.813	ug/l	91
78) 4-Chlorotoluene	11.50	91	894372	20.352	ug/l	99
79) tert-butylbenzene	11.76	119	937007	20.049	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	951927	20.096	ug/l	99
81) sec-Butylbenzene	11.93	105	1063979	19.846	ug/l	100
82) p-Isopropyltoluene	12.05	119	992695	19.646	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	525322	19.987	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	536955	20.472	ug/l	99
85) n-Butylbenzene	12.37	91	863839	19.180	ug/l	99
86) Hexachloroethane	12.58	117	169361	17.342	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	514899	20.080	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	87324	18.785	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	400201	19.374	ug/l	99
90) Hexachlorobutadiene	13.77	225	178977	16.448	ug/l	95
91) Naphthalene	13.82	128	1209384	20.219	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	392655	19.135	ug/l	97

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ClientSampleId :
VSTDCCC020EC

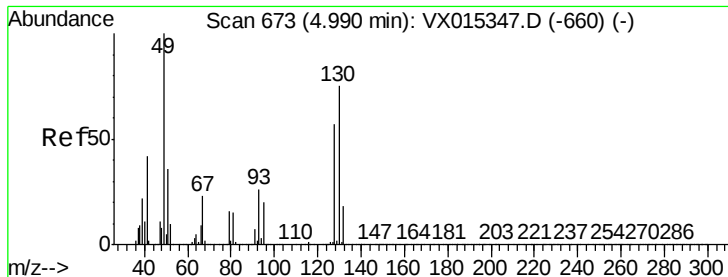
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QLast Update : Thu Mar 26 02:31:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

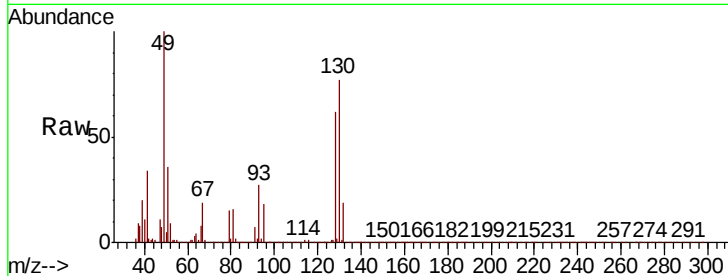
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VSTDCCC020EC

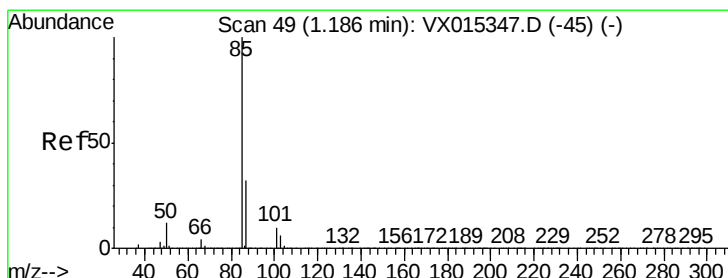
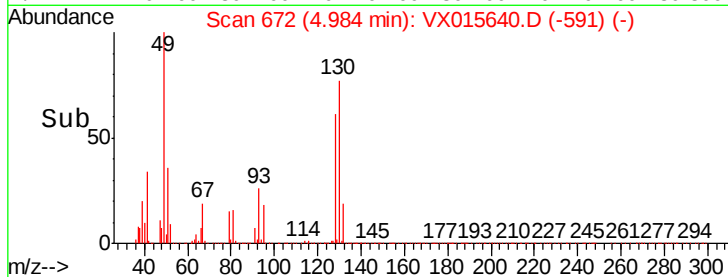
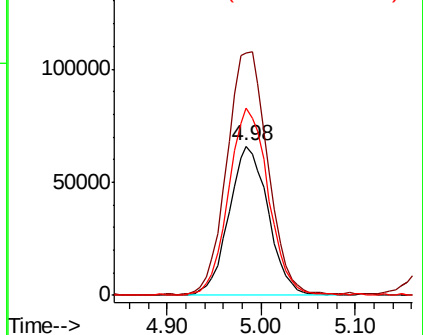
Tot Ion:	128	Resp:	190761
Ion Ratio	Lower	Upper	
128	100		
49	170.6	0.0	428.0
130	127.1	0.0	324.5

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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



#2

Dichlorodifluoromethane

Concen: 16.457 ug/l

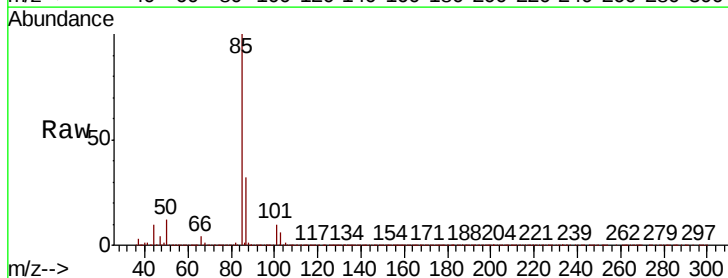
RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

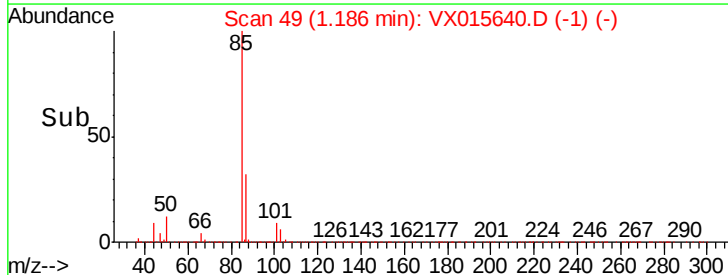
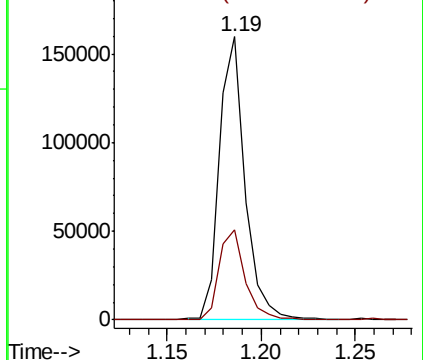
Lab File: VX015640.D

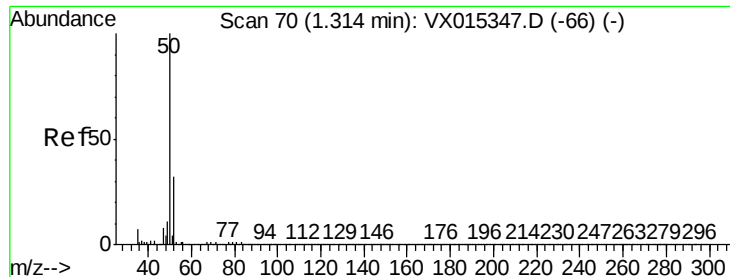
Acq: 10 Apr 2020 22:21

Tgt Ion:	85	Resp:	149921
Ion Ratio	Lower	Upper	
85	100		
87	31.8	16.3	48.9



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





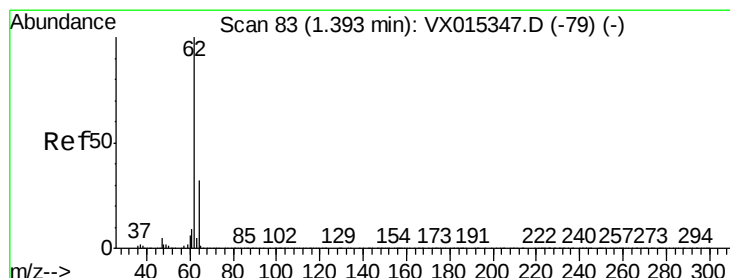
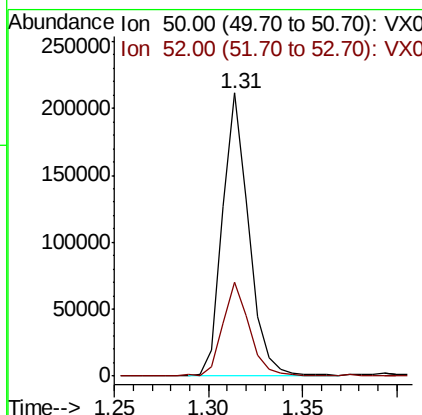
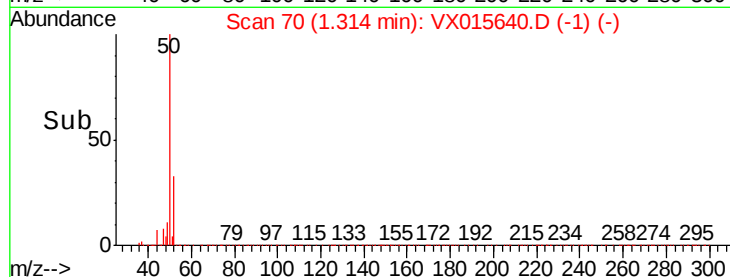
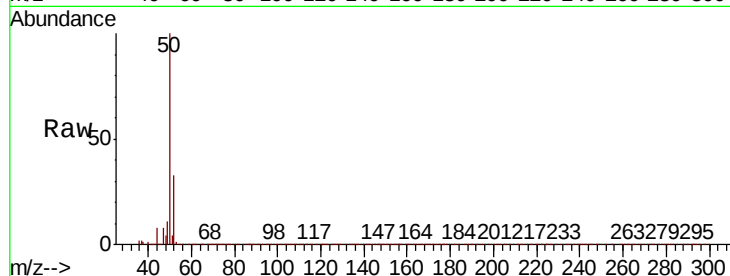
#3
Chloromethane
Concen: 18.130 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.5	38.3

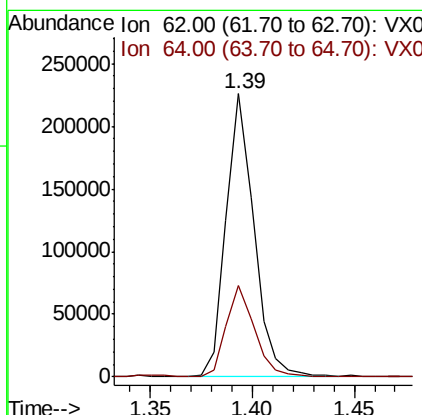
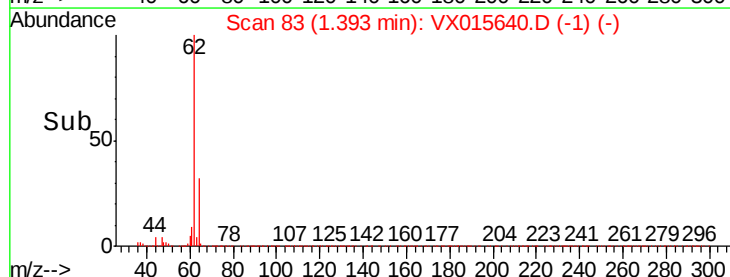
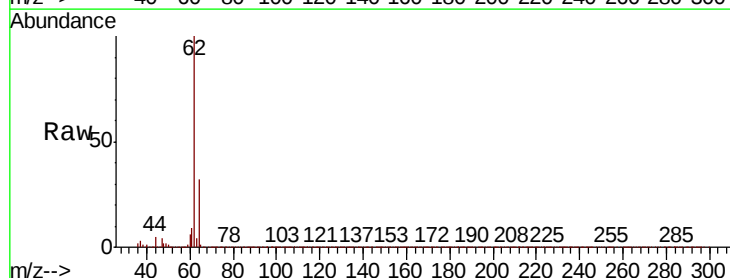
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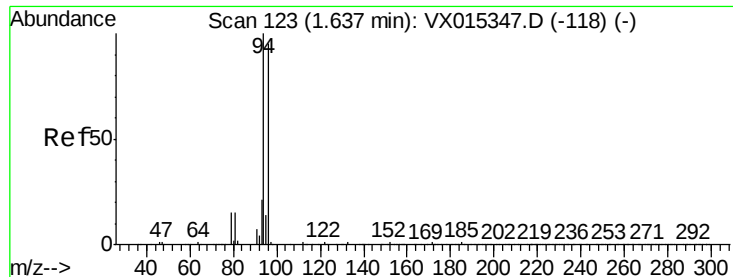
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#4
Vinyl Chloride
Concen: 19.681 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.4	38.0





#5

Bromomethane

Concen: 27.310 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 157245

Ion Ratio Lower Upper

94 100

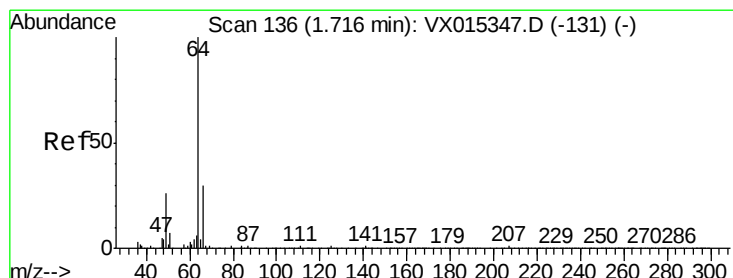
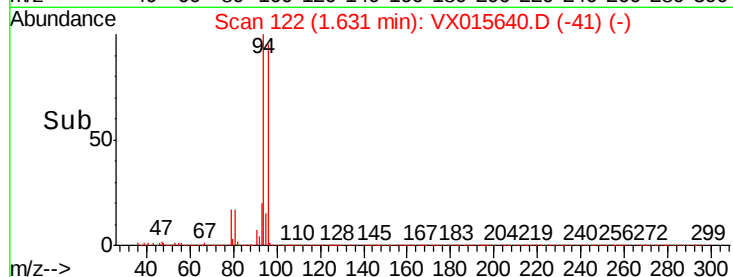
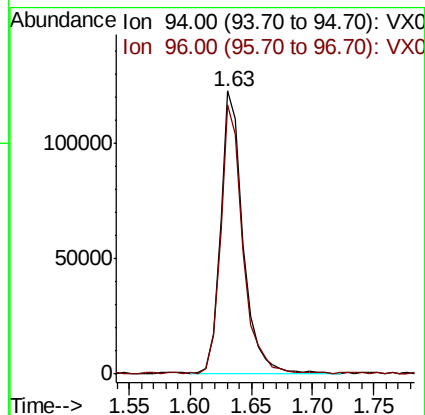
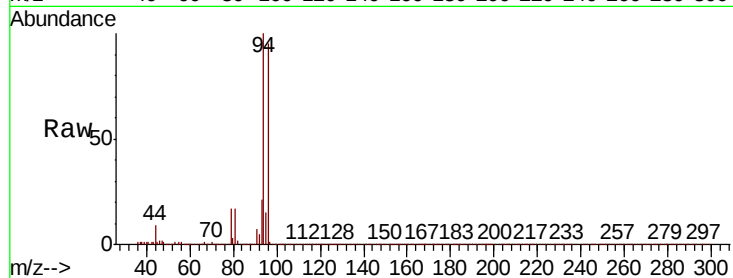
96 95.1 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 20.726 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015640.D

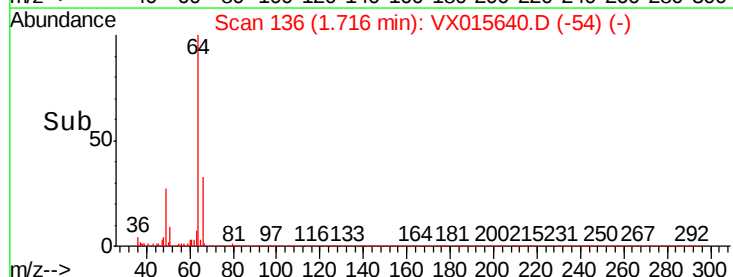
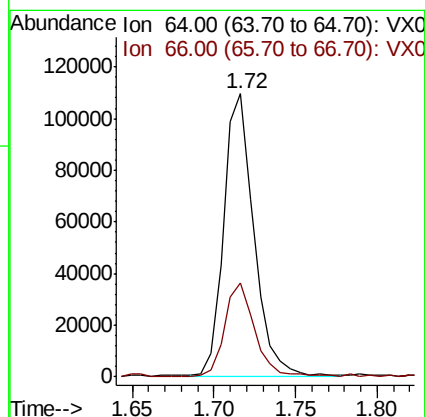
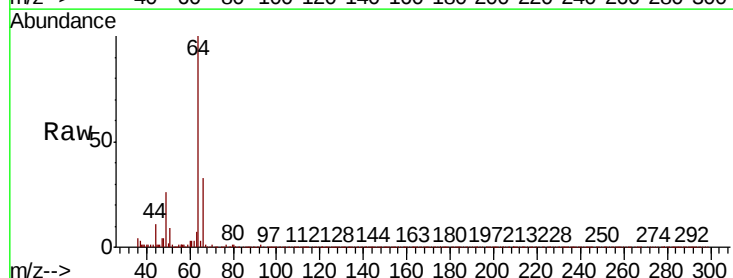
Acq: 10 Apr 2020 22:21

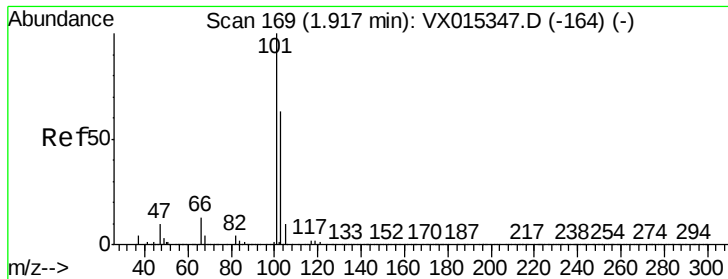
Tgt Ion: 64 Resp: 139857

Ion Ratio Lower Upper

64 100

66 32.9 24.3 36.5





#7

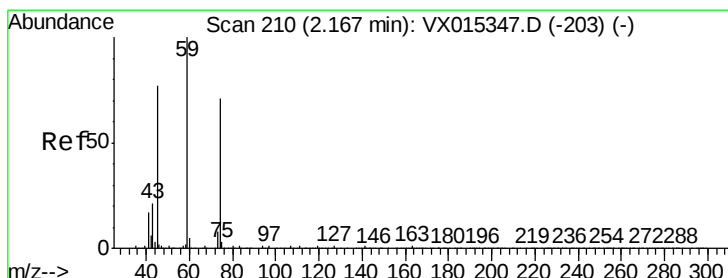
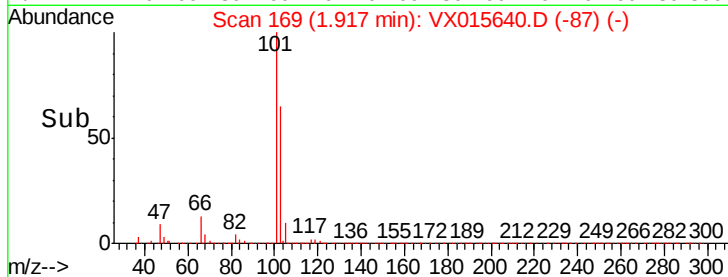
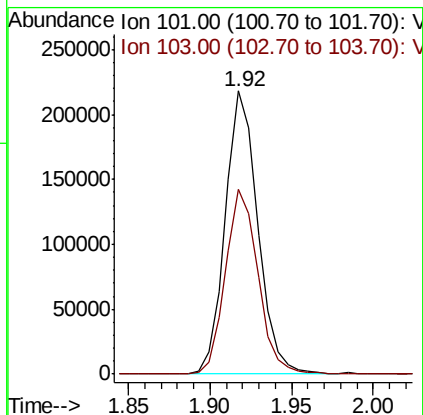
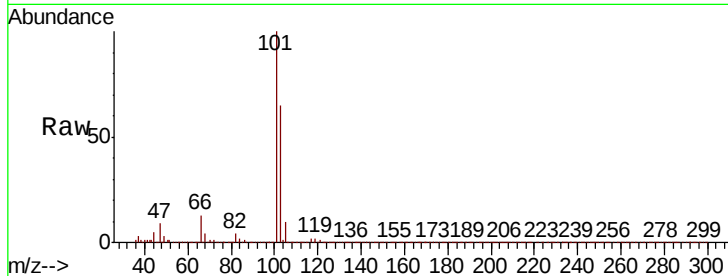
Trichlorofluoromethane
Concen: 19.439 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	49.9	74.9

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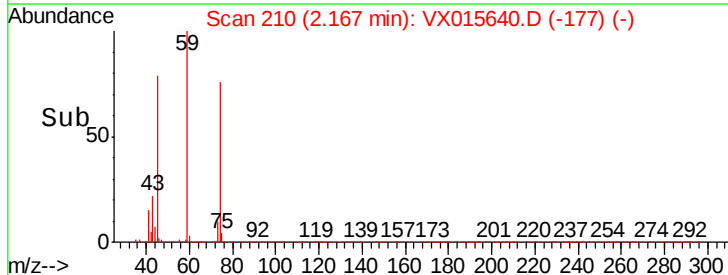
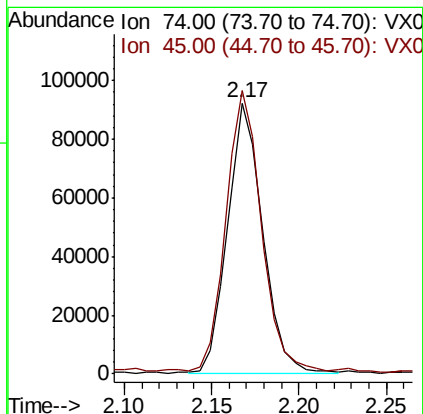
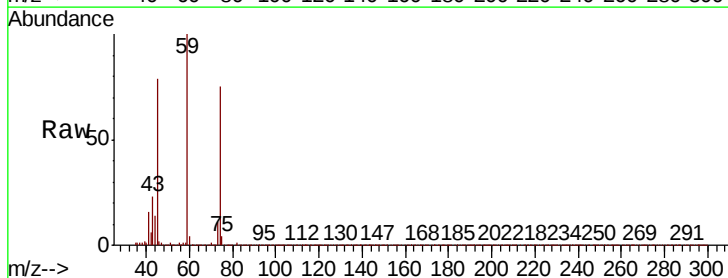
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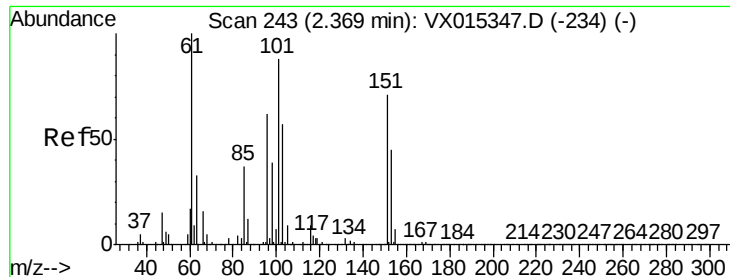


#8

Diethyl Ether
Concen: 21.598 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.502 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

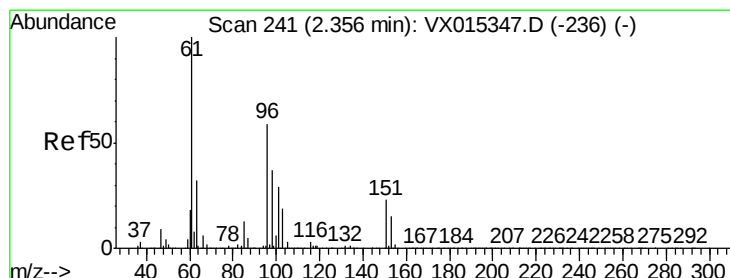
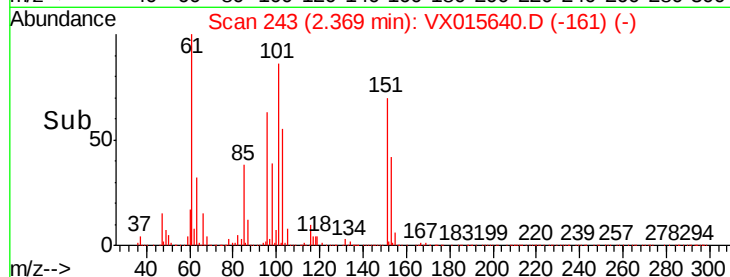
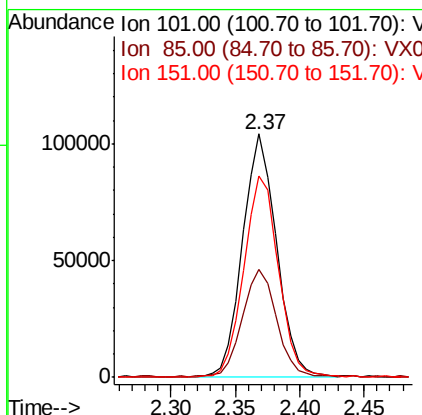
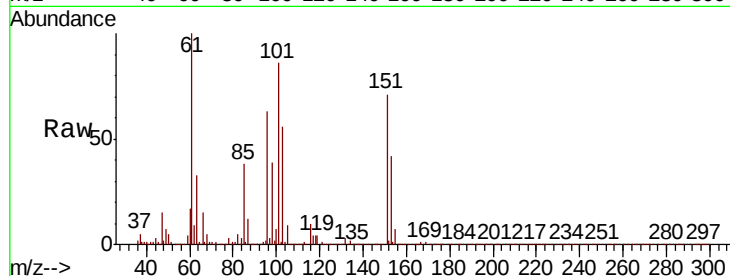
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	189203
Ion Ratio	Lower	Upper	
101	100		
85	44.5	0.0	85.8
151	84.2	0.0	164.6

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#10

1,1-Dichloroethene

Concen: 18.886 ug/l

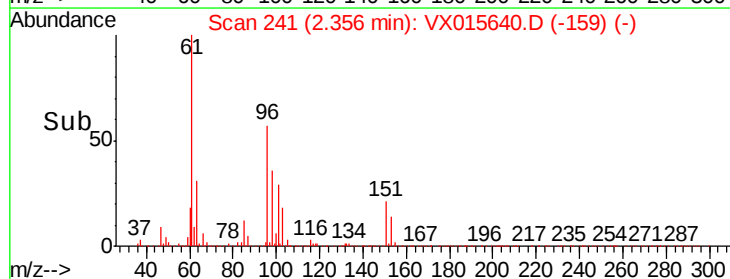
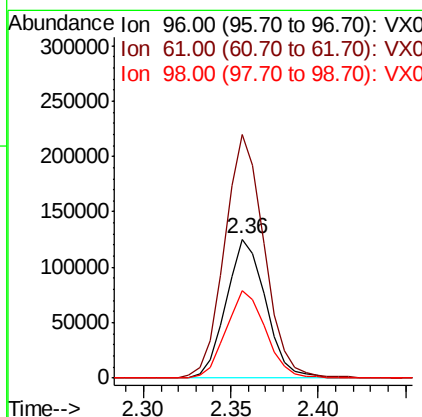
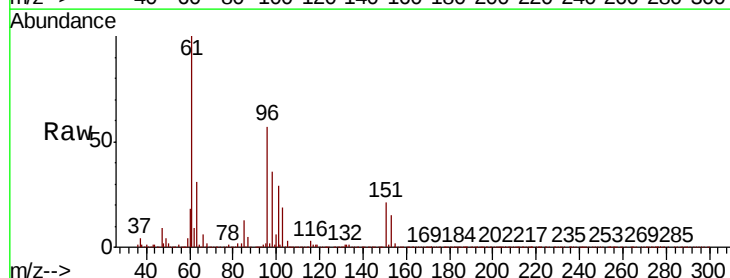
RT: 2.36 min Scan# 241

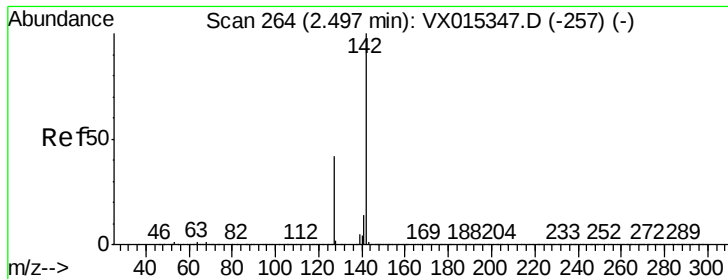
Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	96	Resp:	196167
Ion Ratio	Lower	Upper	
96	100		
61	175.4	135.5	203.3
98	62.7	50.2	75.2





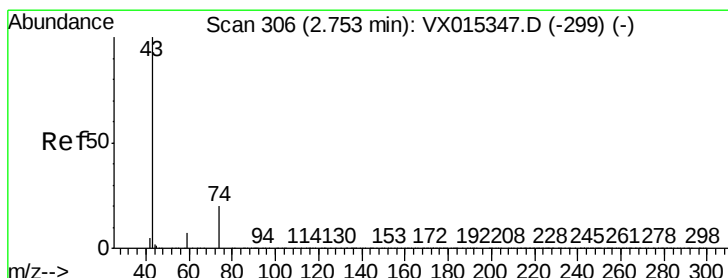
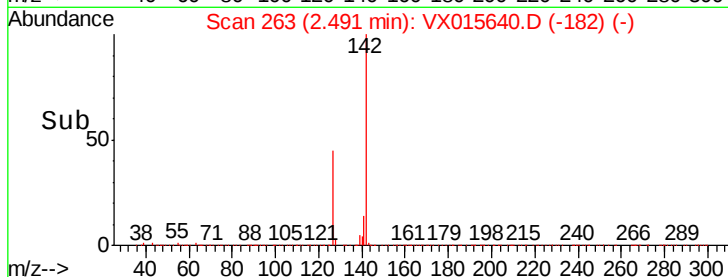
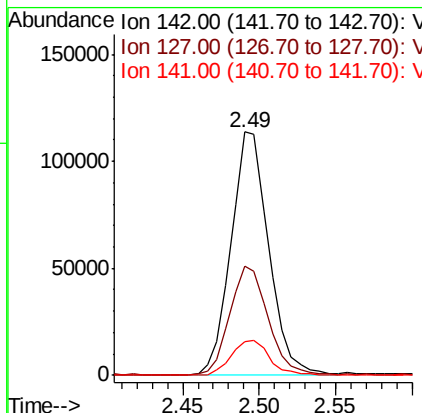
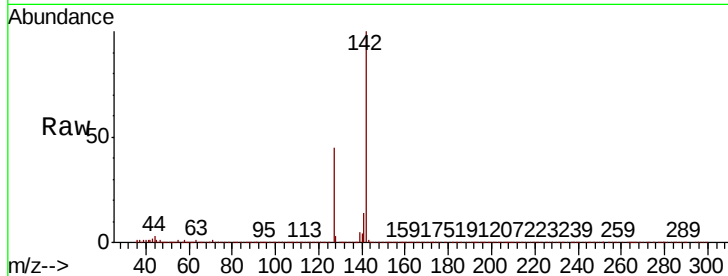
#11
Methyl Iodide
Concen: 14.033 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	142	Resp:	193708
Ion Ratio	Lower	Upper	
142	100		
127	44.8	21.0	63.0
141	13.5	6.9	20.7

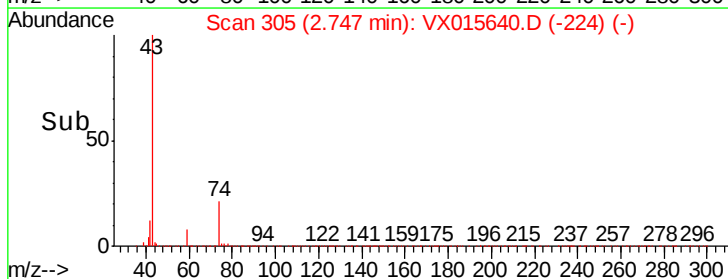
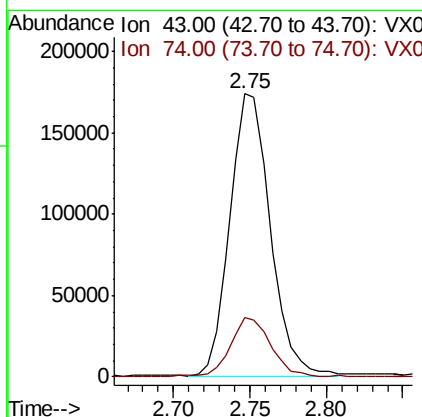
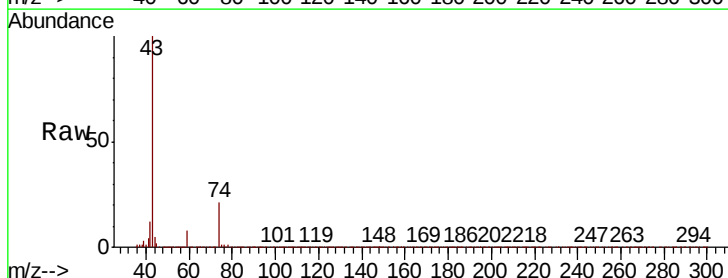
Manual Integrations
APPROVED

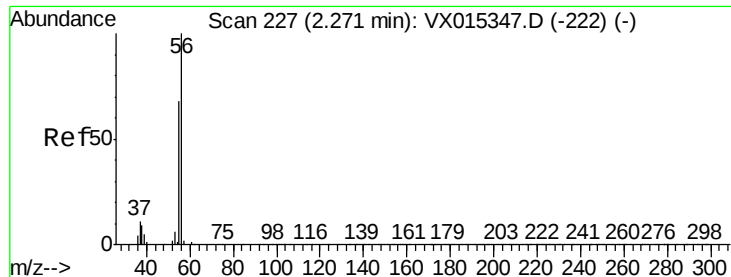
apatel
4/13/2020 1:24:37 PM



#12
Methyl Acetate
Concen: 20.881 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion:	43	Resp:	317368
Ion Ratio	Lower	Upper	
43	100		
74	20.6	15.8	23.6





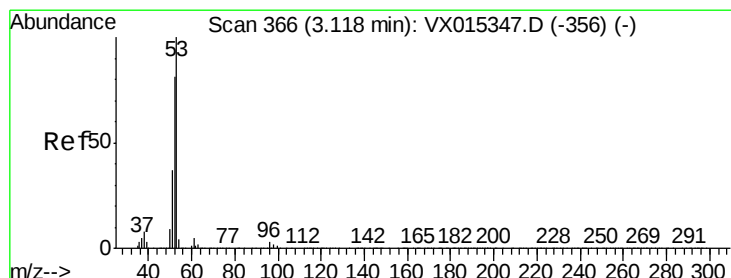
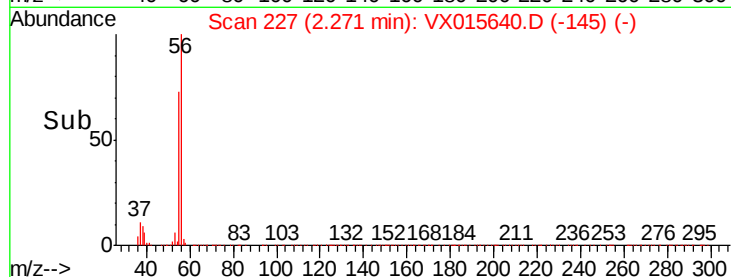
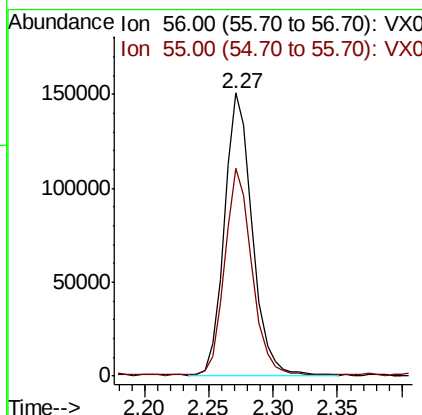
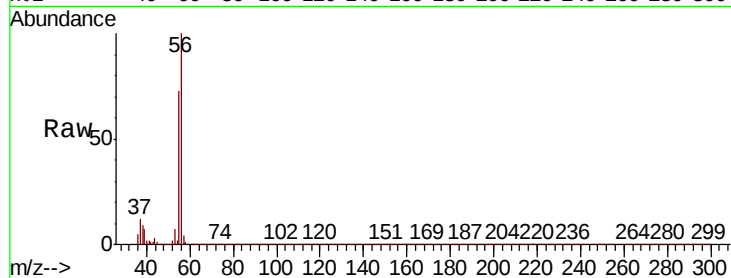
#13
Acrolein
Concen: 115.234 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	53.5	80.3

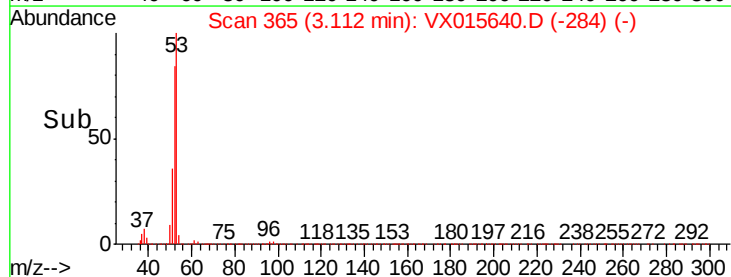
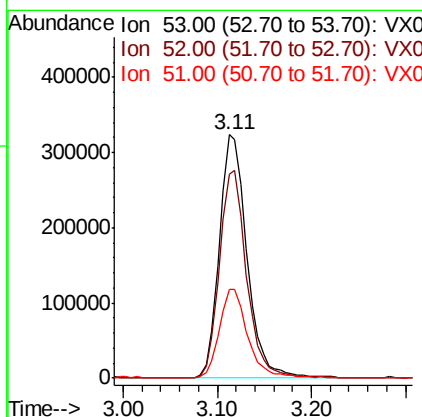
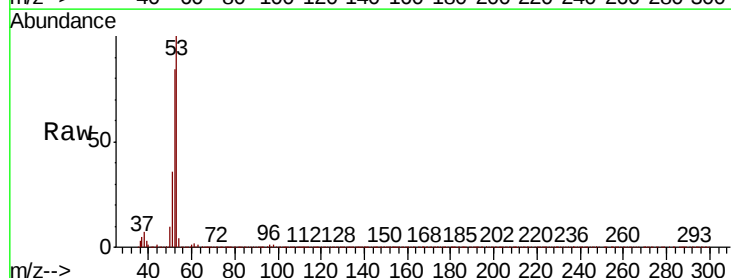
Manual Integrations
APPROVED

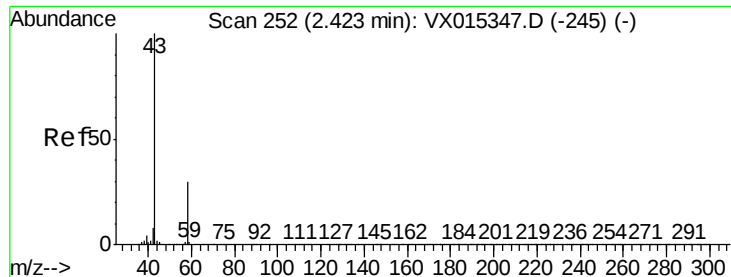
apatel
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#14
Acrylonitrile
Concen: 101.308 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.8	41.0	123.2
51	37.4	18.4	55.4





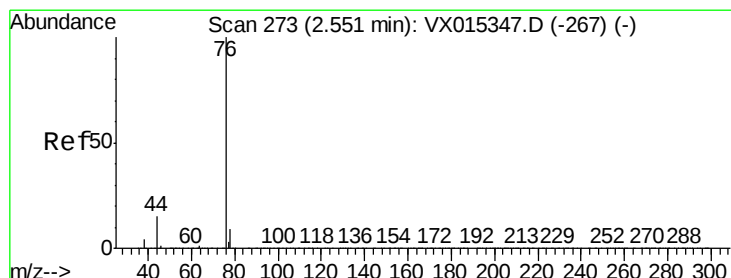
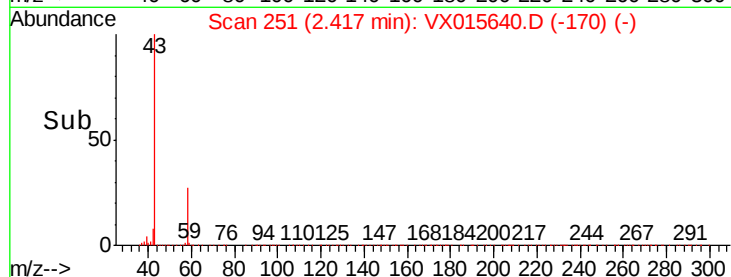
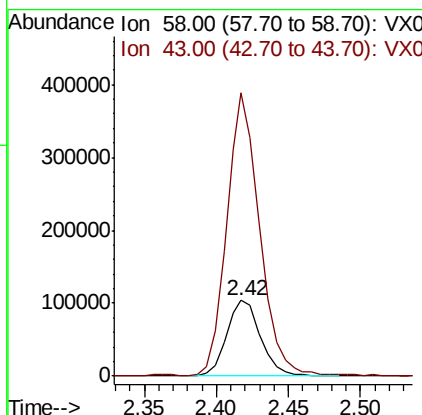
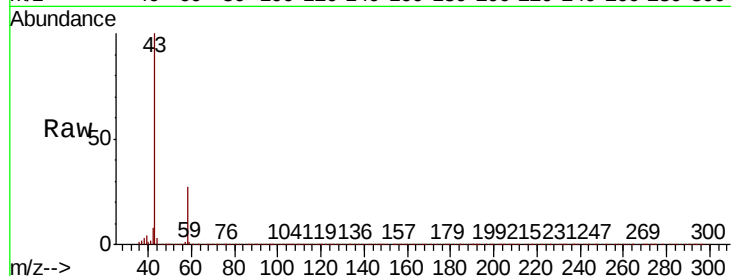
#15
Acetone
Concen: 101.501 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
58	100		
43	374.5	267.8	401.8

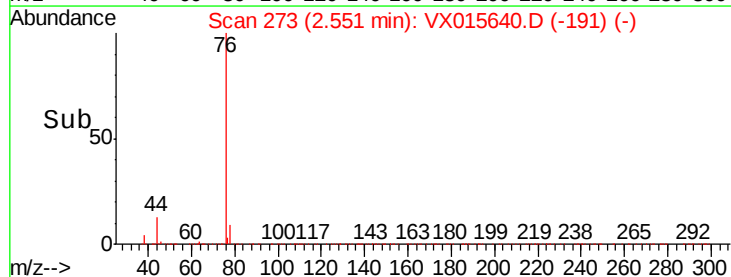
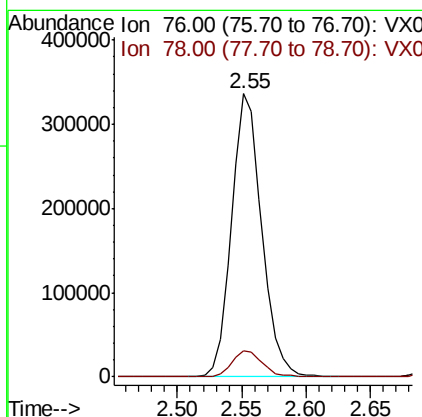
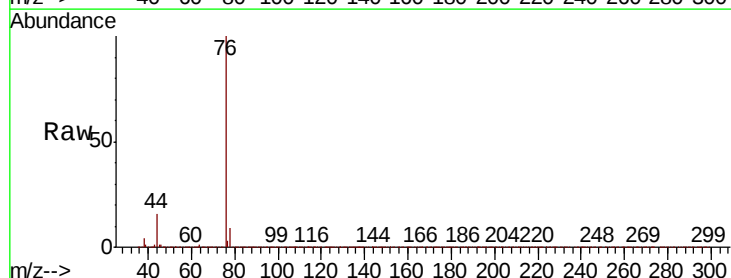
Manual Integrations
APPROVED

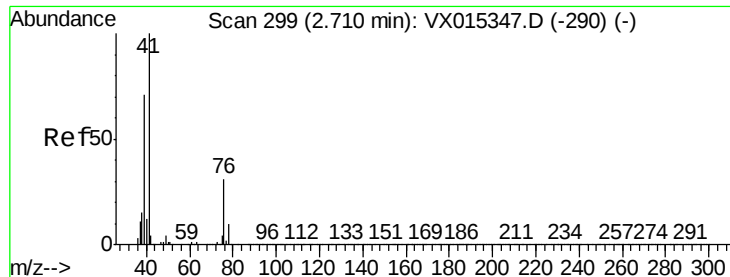
apatel
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#16
Carbon Disulfide
Concen: 18.041 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2





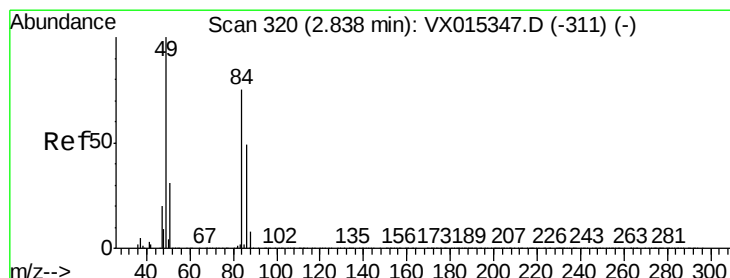
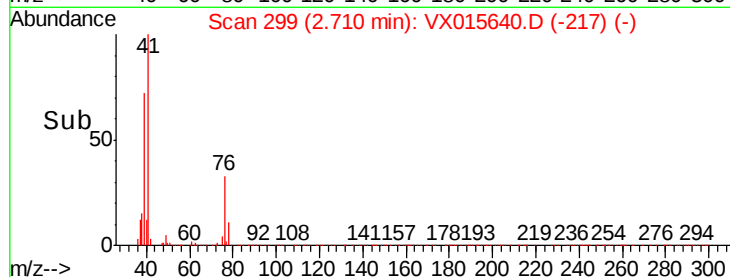
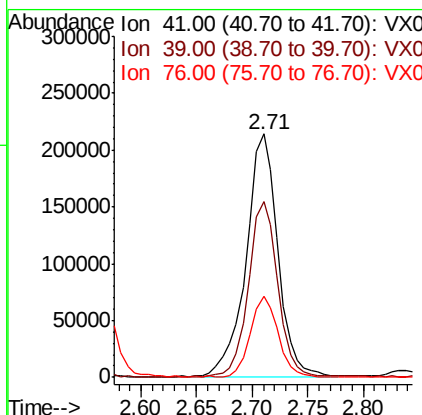
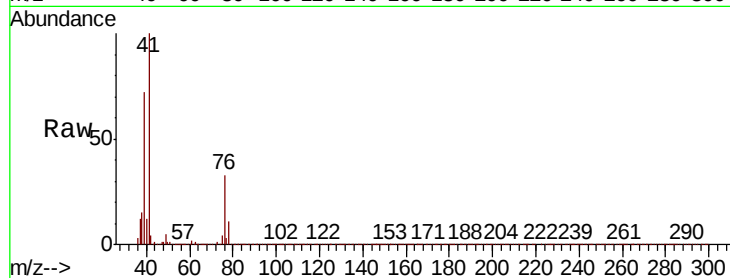
#17
Allvl chloride
Concen: 18.136 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.3	35.6	106.8
76	33.1	15.4	46.4

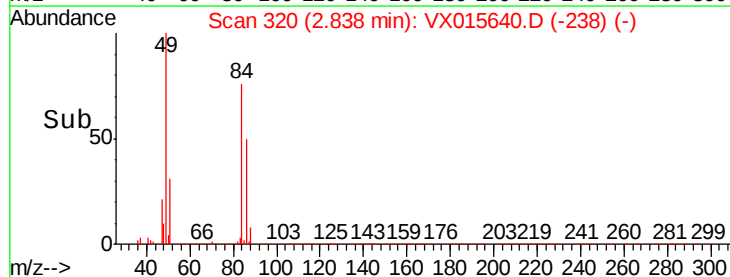
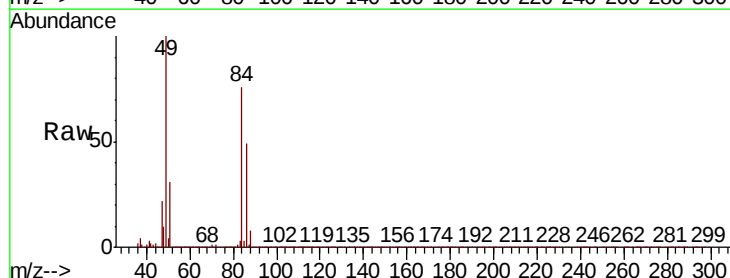
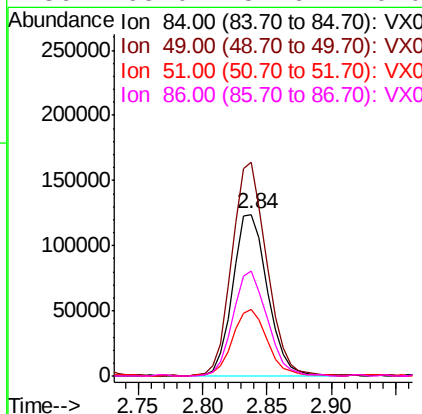
Manual Integrations
APPROVED

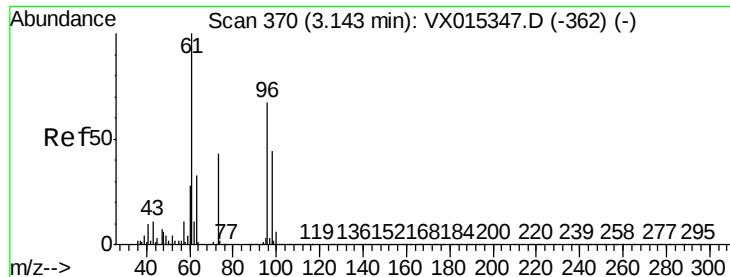
apatel
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#18
Methylene Chloride
Concen: 19.923 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.4	107.0	160.4
51	41.2	33.4	50.0
86	65.0	52.6	79.0





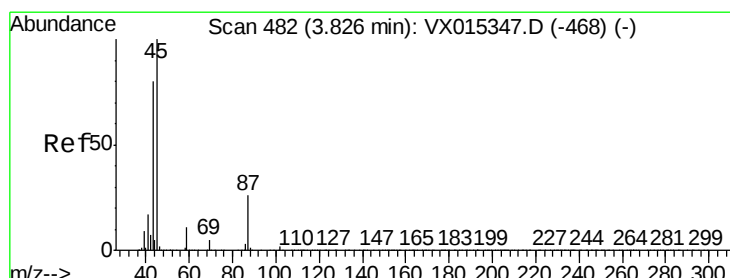
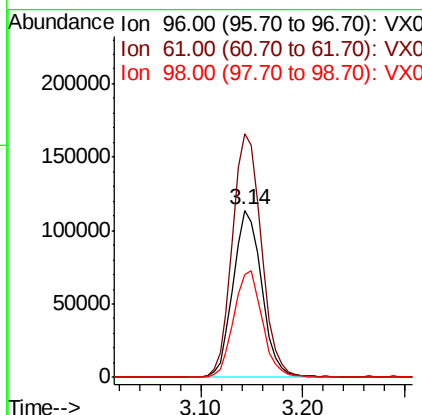
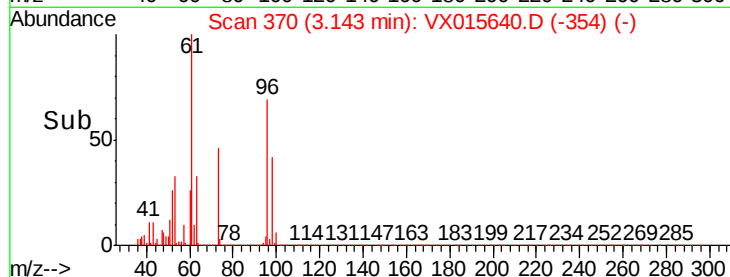
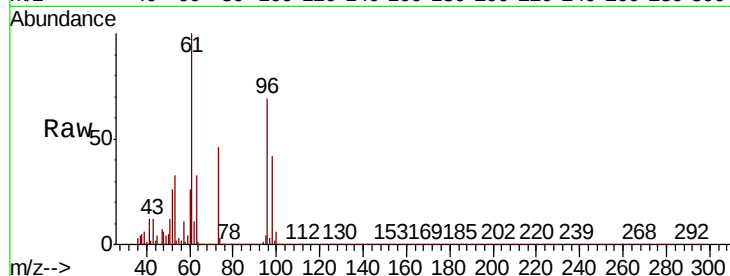
#19
trans-1,2-Dichloroethene
Concen: 19.593 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	118.2	177.2
98	61.7	51.9	77.9

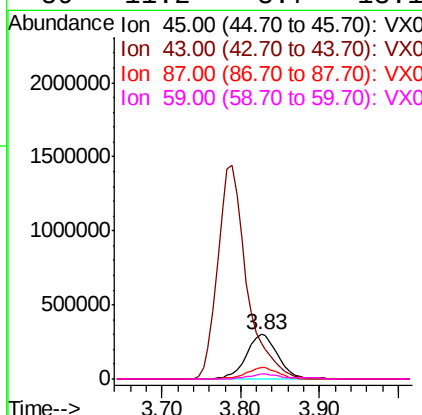
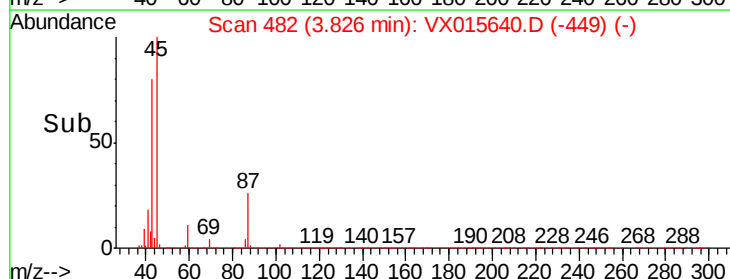
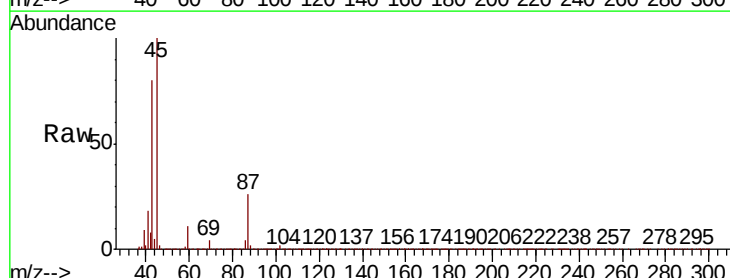
Manual Integrations
APPROVED

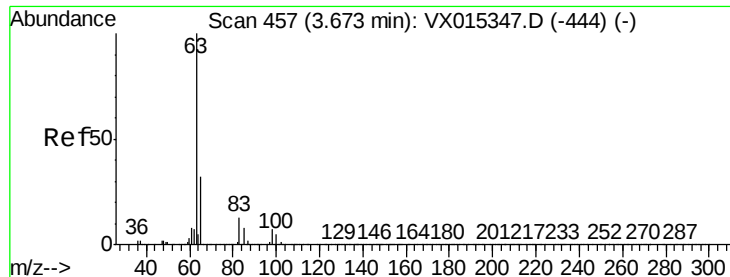
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#20
Diisopropyl ether
Concen: 19.641 ug/l
RT: 3.83 min Scan# 482
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	79.7	64.4	96.6
87	26.1	20.4	30.6
59	11.2	8.7	13.1





#21

1,1-Dichloroethane

Concen: 19.430 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

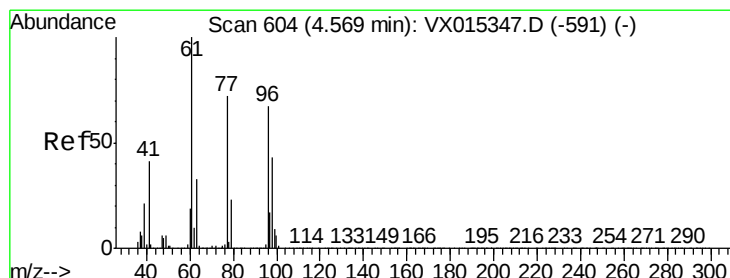
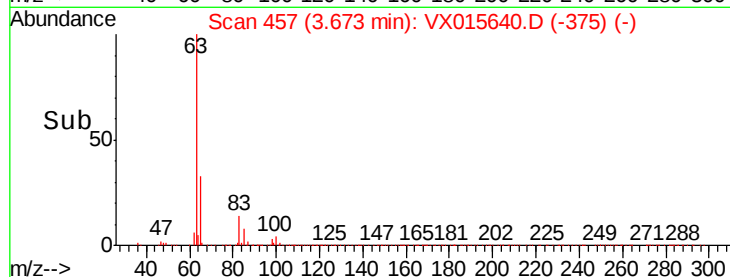
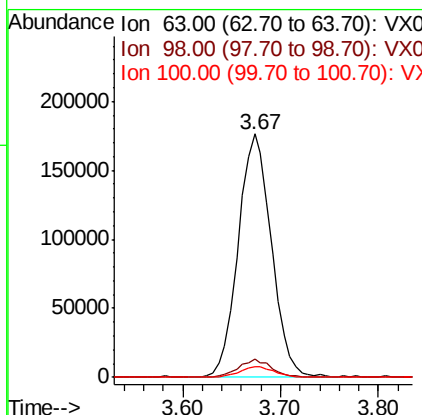
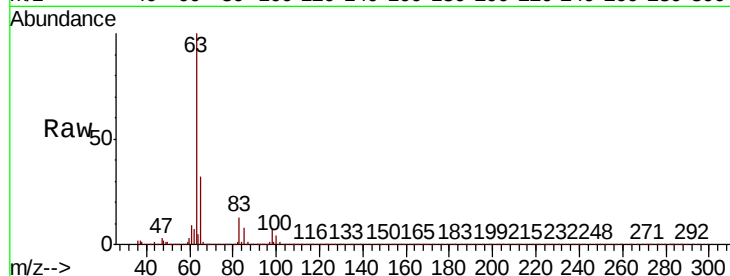
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.4	3.3	9.9
100	4.3	2.3	6.8

Manual Integrations
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apatel
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#22

cis-1,2-Dichloroethene

Concen: 19.629 ug/l

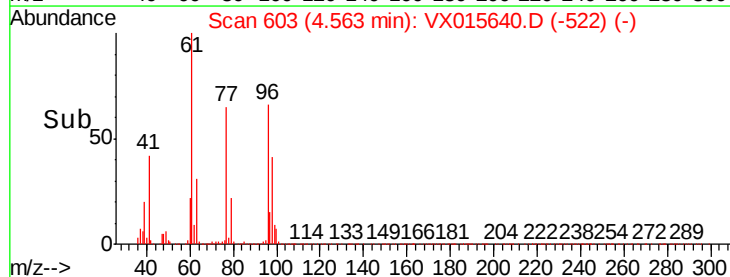
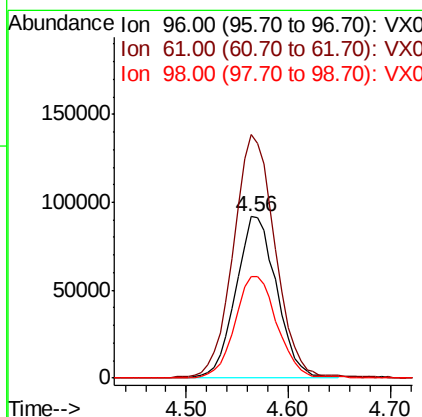
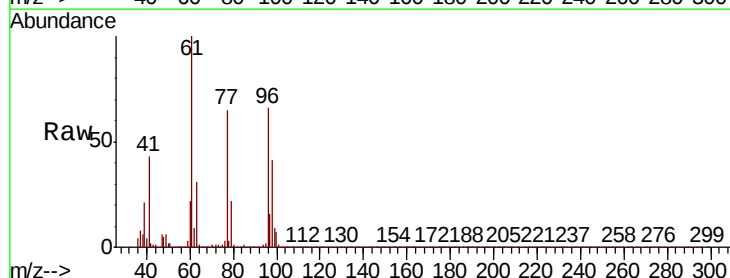
RT: 4.56 min Scan# 603

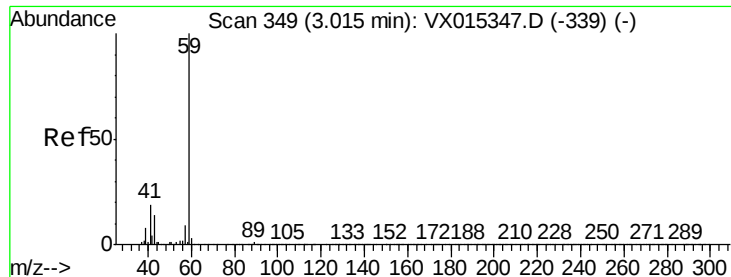
Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	153.2	127.2	190.8
98	64.4	51.8	77.6





#23

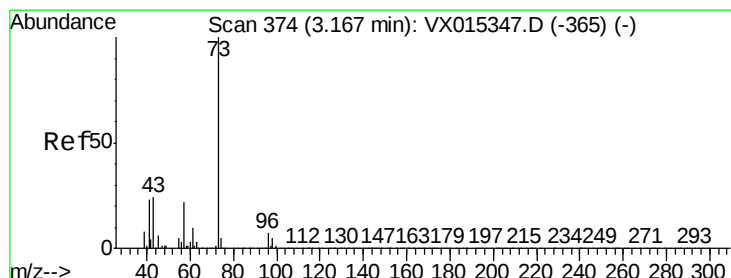
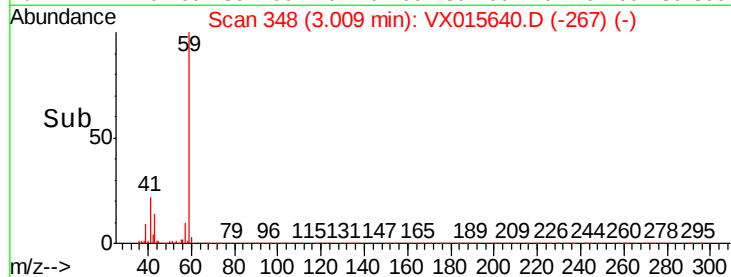
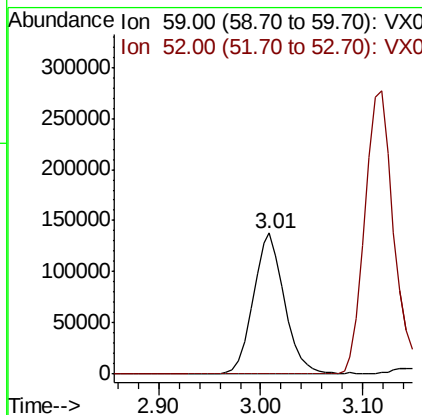
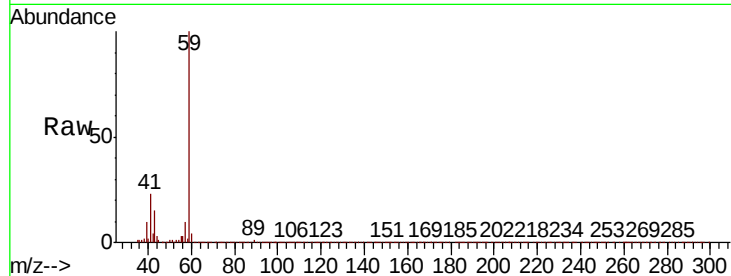
tert-Butyl Alcohol
 Concen: 91.346 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

Manual Integrations
 APPROVED

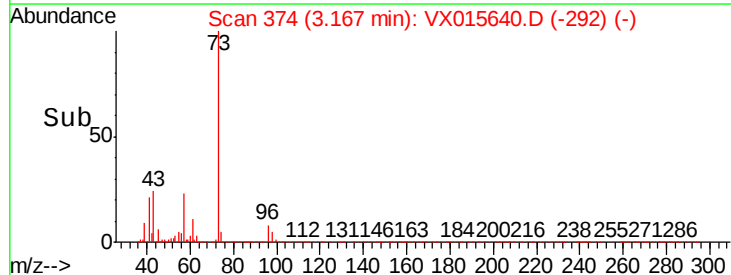
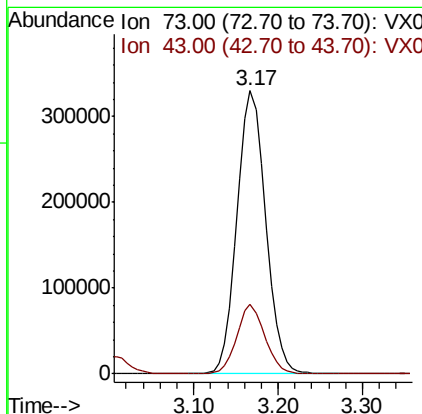
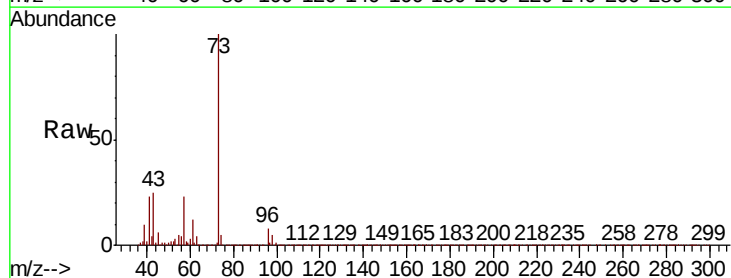
apatel
 4/13/2020 1:24:37 PM

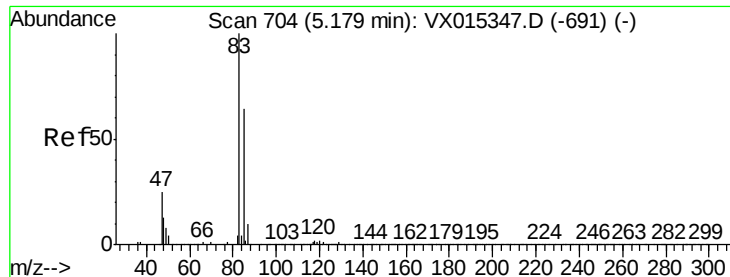


#24

Methyl tert-Butyl Ether
 Concen: 19.694 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.3	19.2	28.8





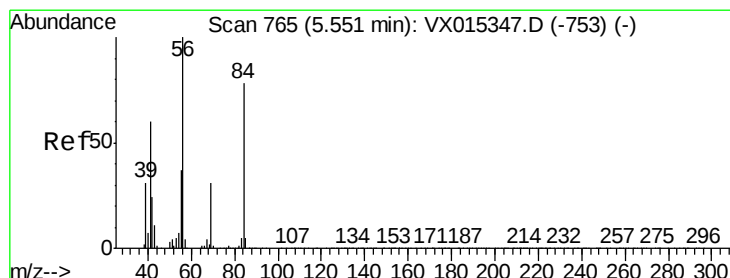
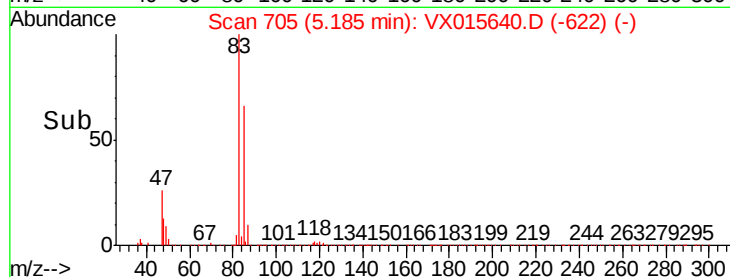
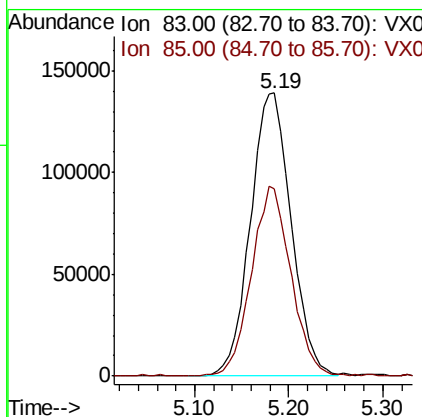
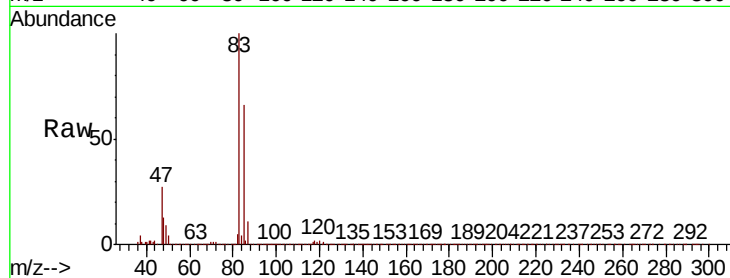
#25
Chloroform
Concen: 19.761 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.5	75.7

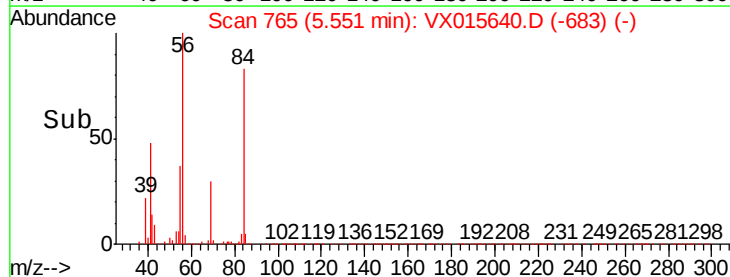
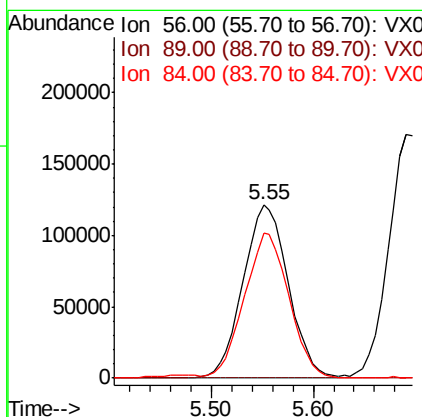
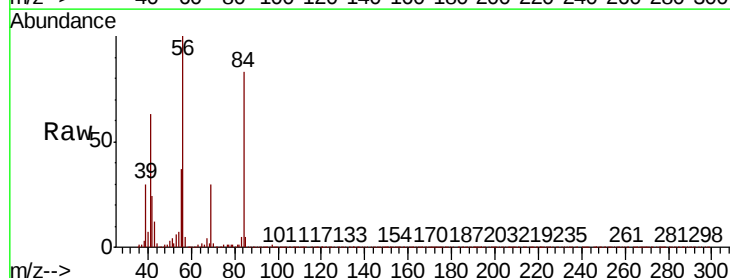
Manual Integrations
APPROVED

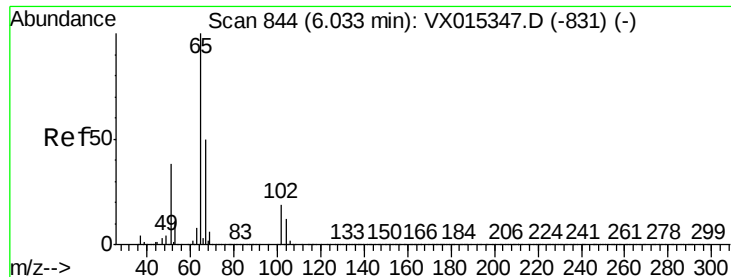
apatel
4/13/2020 1:24:37 PM



#26
Cyclohexane
Concen: 18.186 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.1	0.1	0.1
84	82.6	66.1	99.1





#27

1,2-Dichloroethane-d4

Concen: 30.114 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 448902

Ion Ratio Lower Upper

65 100

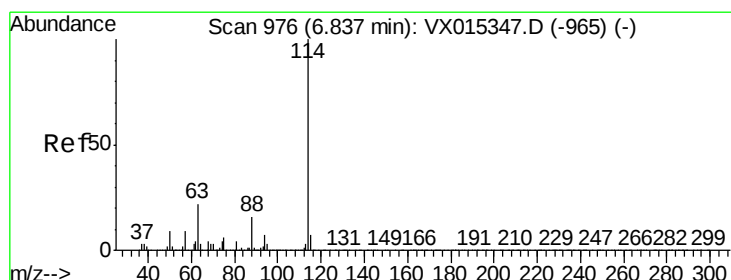
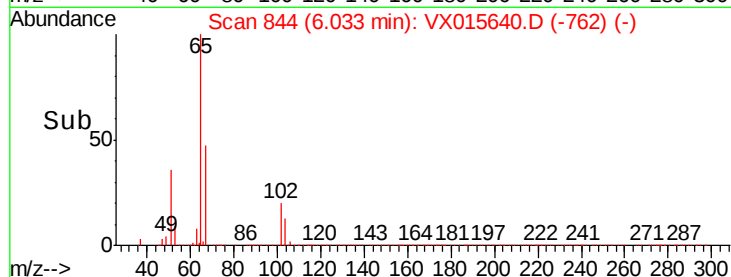
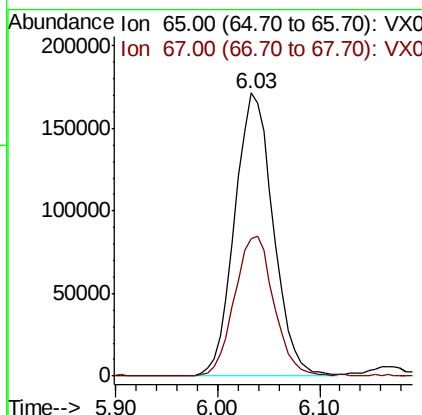
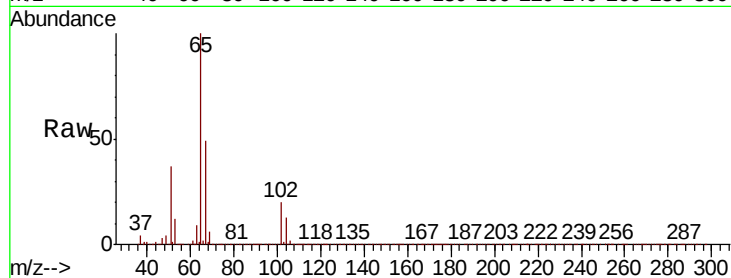
67 49.9 40.9 61.3

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

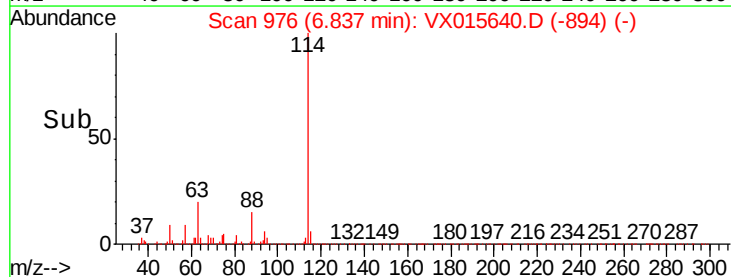
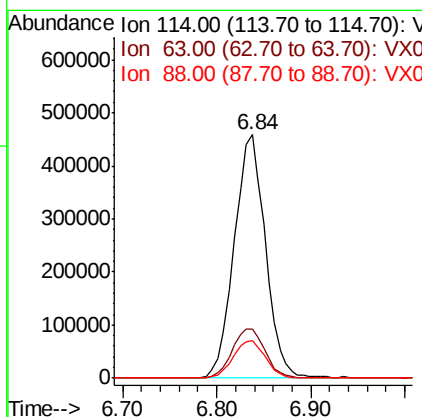
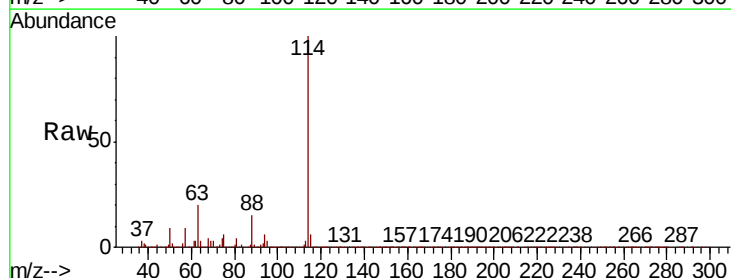
Tgt Ion: 114 Resp: 1061623

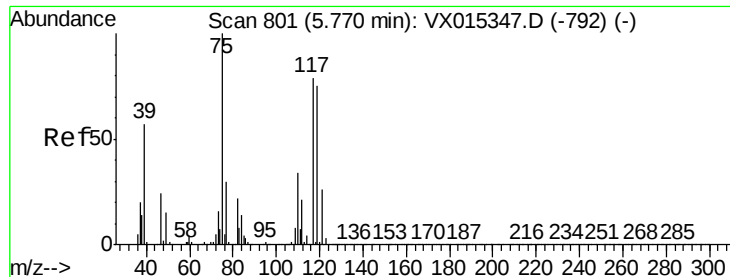
Ion Ratio Lower Upper

114 100

63 21.2 17.4 26.2

88 15.8 12.9 19.3





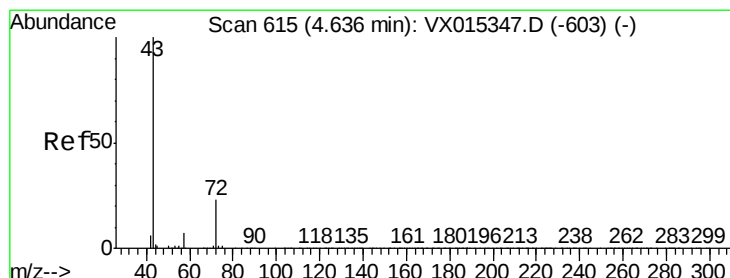
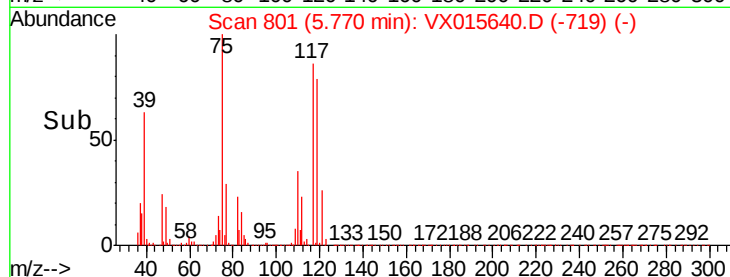
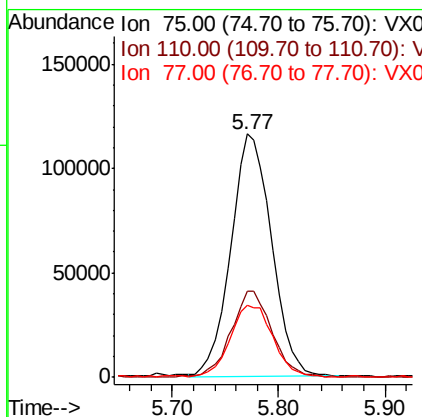
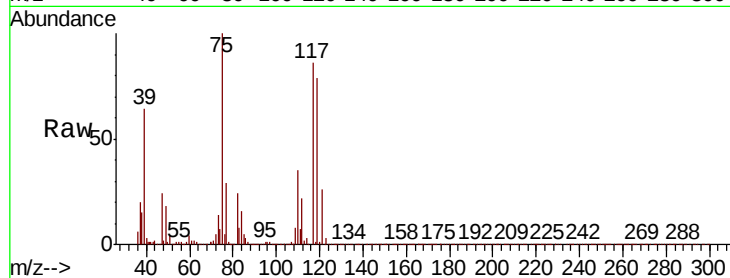
#29
 1,1-Dichloropropene
 Concen: 19.520 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.4	0.0	71.2
77	30.5	0.0	62.2

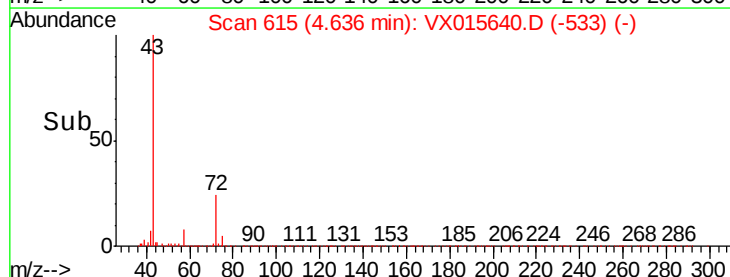
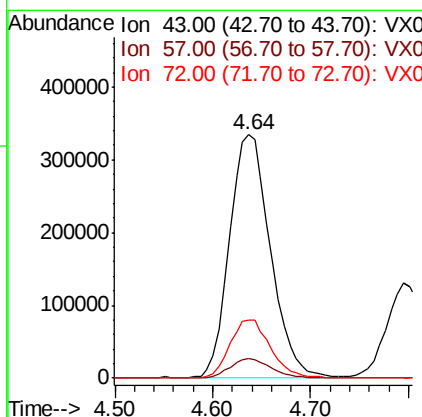
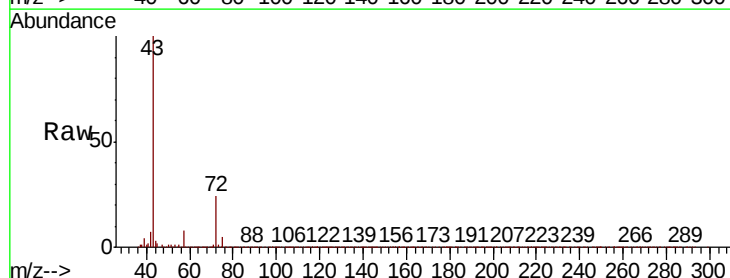
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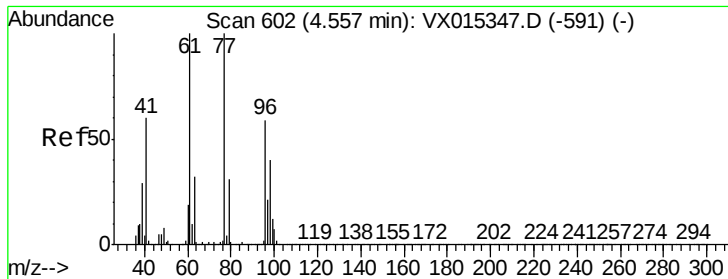
apatel
 4/13/2020 1:24:37 PM



#30
 2-Butanone
 Concen: 100.798 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.5	5.9	8.9
72	23.4	18.6	27.8





#31

2,2-Dichloropropane

Concen: 15.988 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 306877

Ion Ratio Lower Upper

77 100

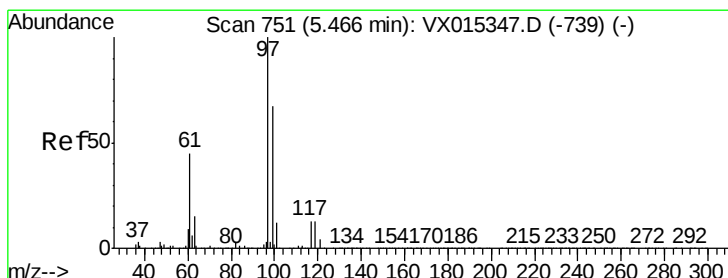
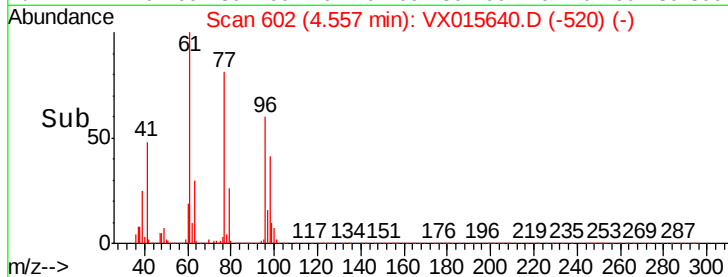
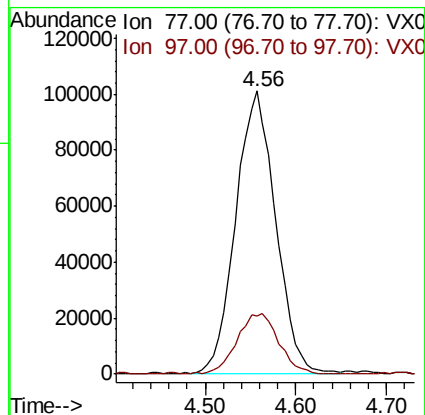
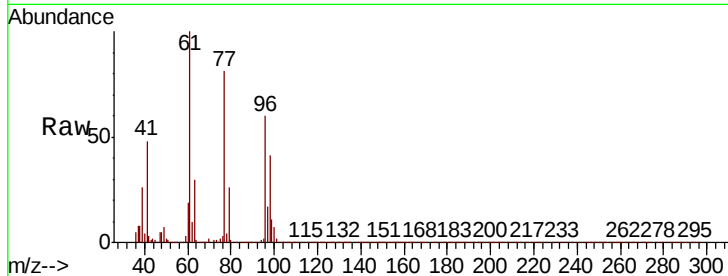
97 22.4 17.8 26.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.491 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

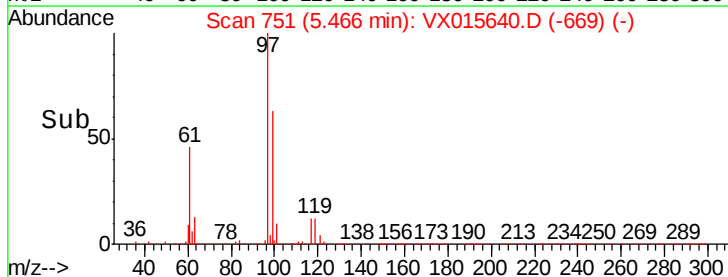
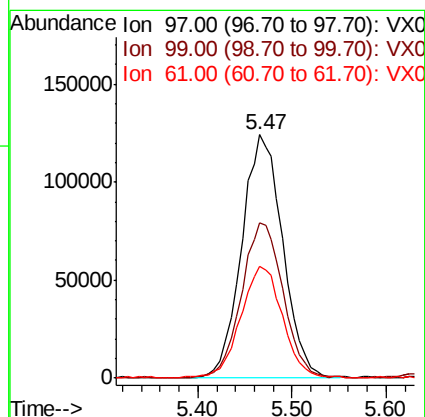
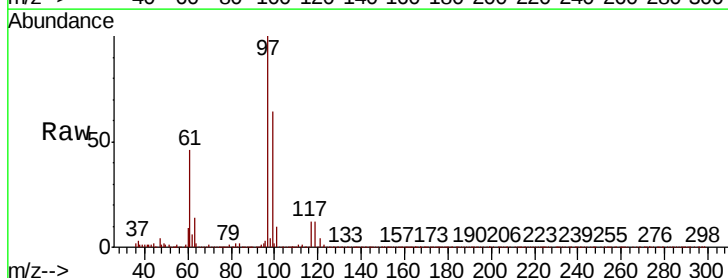
Tgt Ion: 97 Resp: 379297

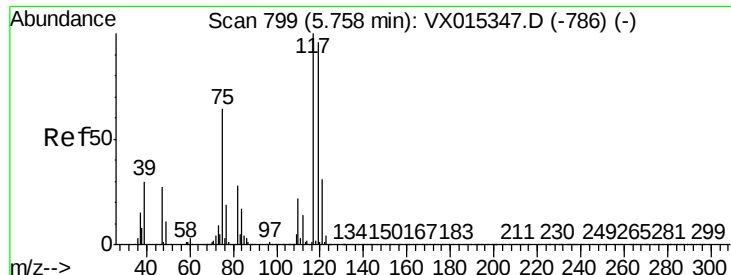
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 46.2 35.8 53.8





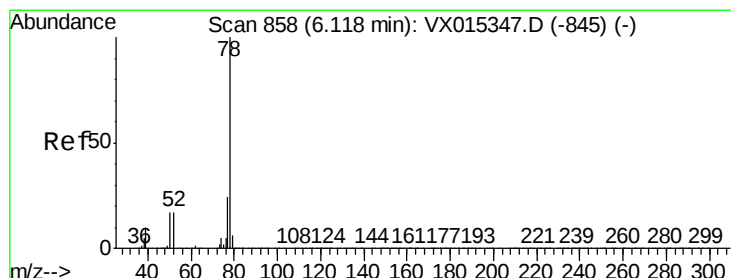
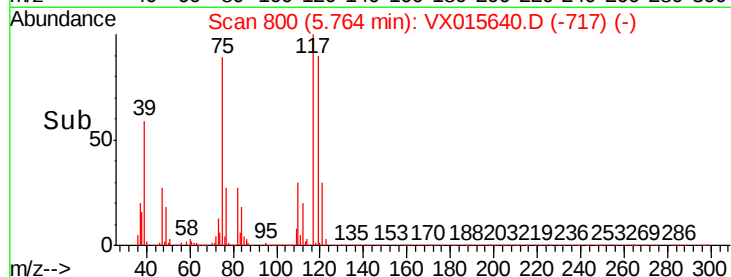
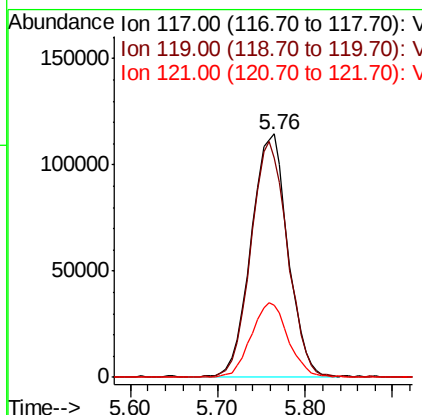
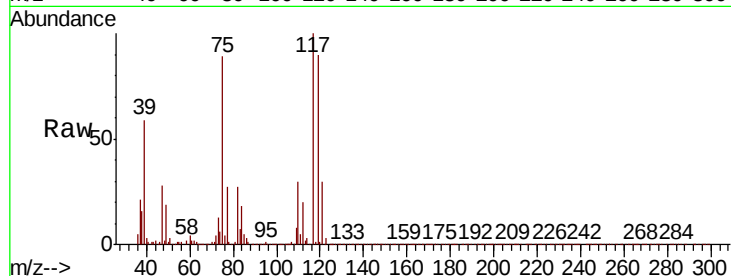
#33
Carbon Tetrachloride
Concen: 18.886 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.6	114.8
121	29.8	25.0	37.4

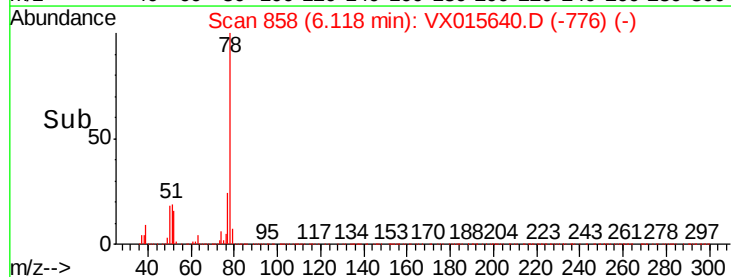
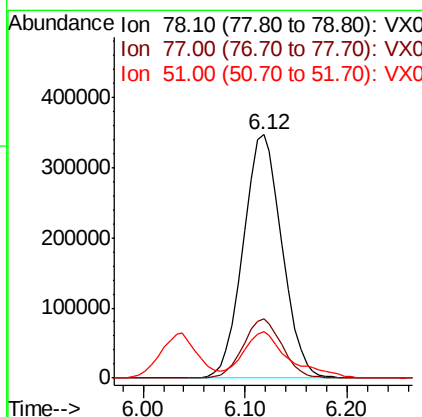
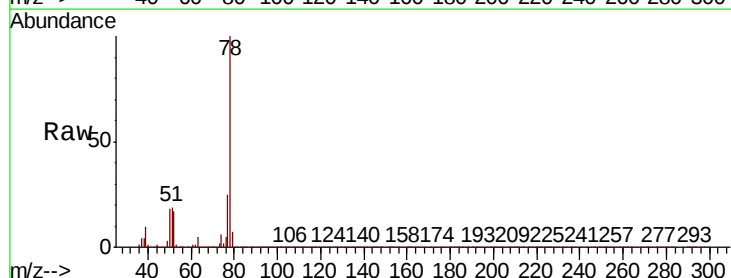
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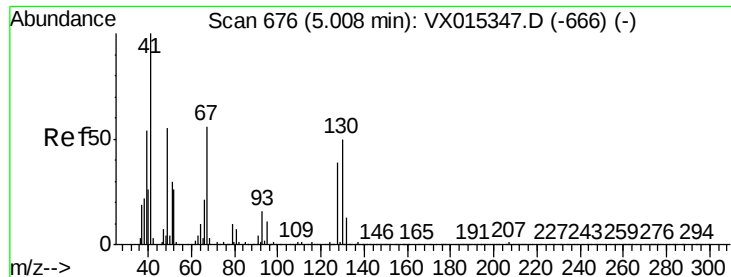
apatel
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#34
Benzene
Concen: 19.897 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.2
51	17.4	14.6	21.8





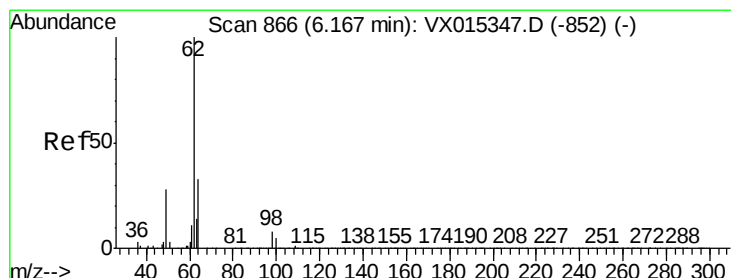
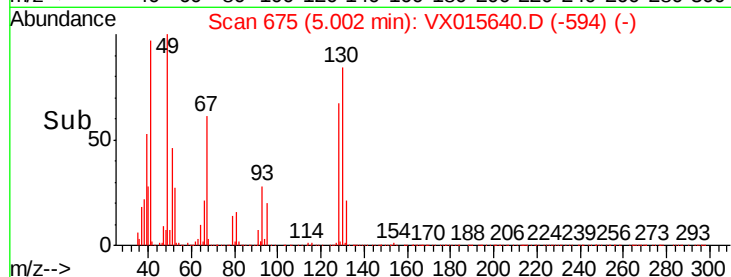
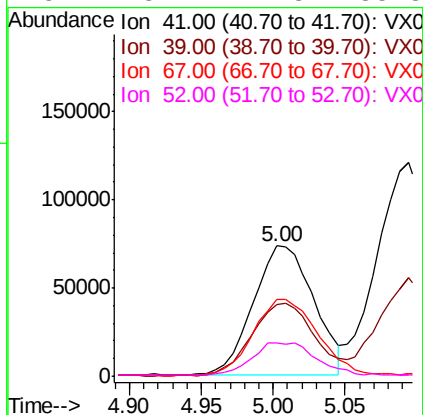
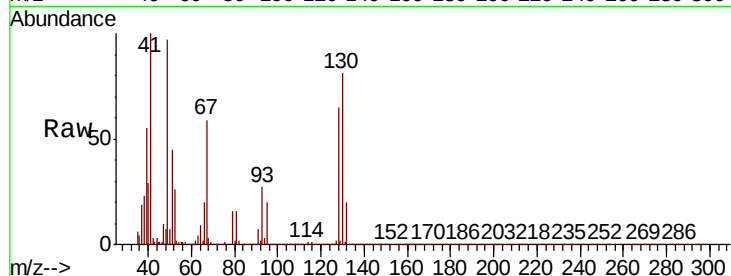
#35
Methacrylonitrile
Concen: 19.783 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		214502		
39	54.5	27.0	81.0		
67	59.3	28.2	84.6		
52	25.4	12.8	38.3		

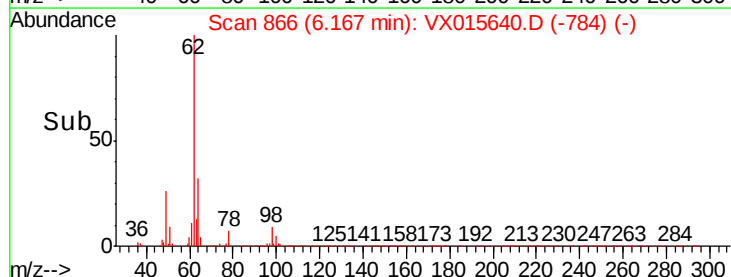
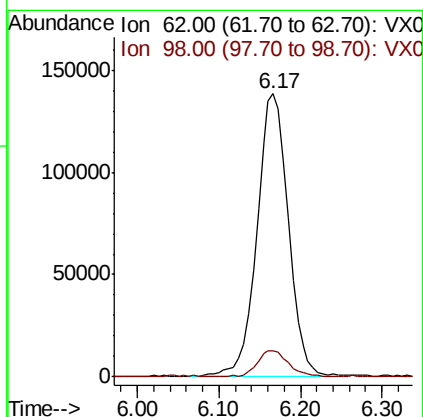
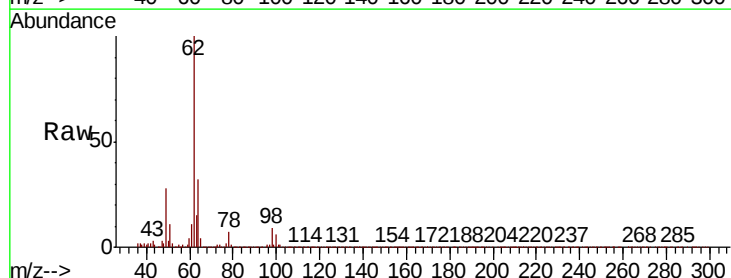
Manual Integrations
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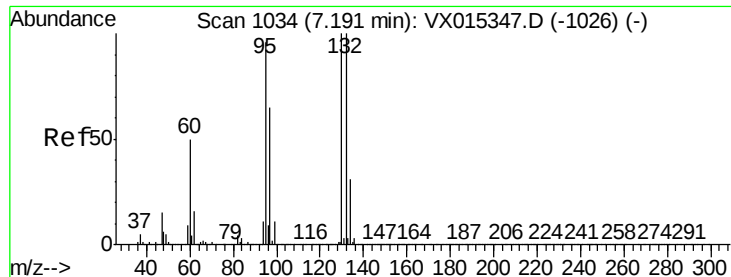
apatel
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#36
1,2-Dichloroethane
Concen: 21.007 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		373151		
98	9.2	6.9	10.3		





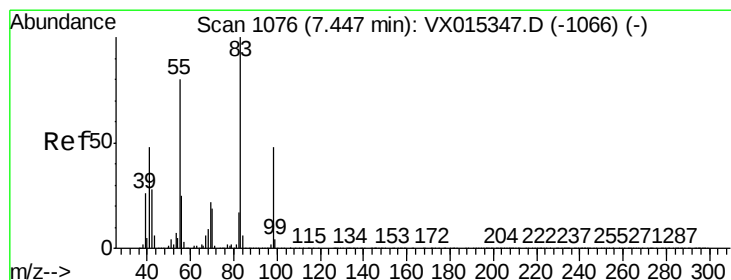
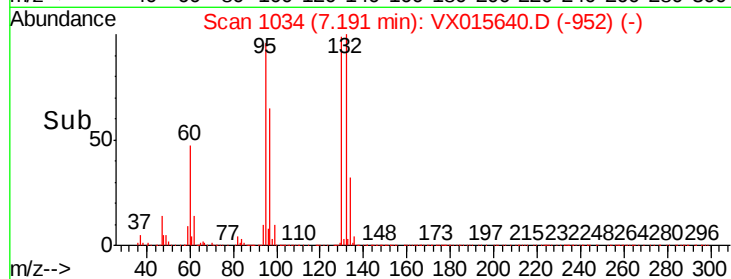
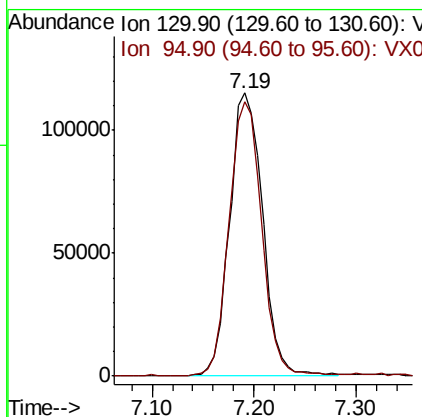
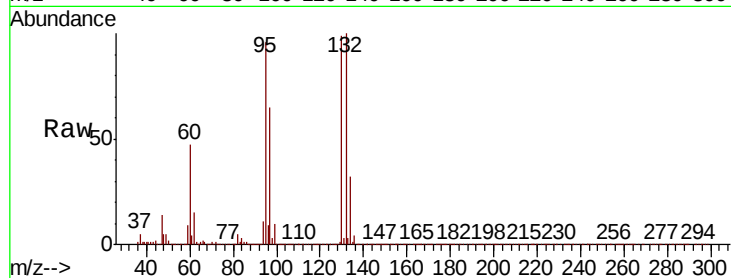
#37
 Trichloroethene
 Concen: 19.905 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
130	100	257649		
95	97.1	76.4	114.6	

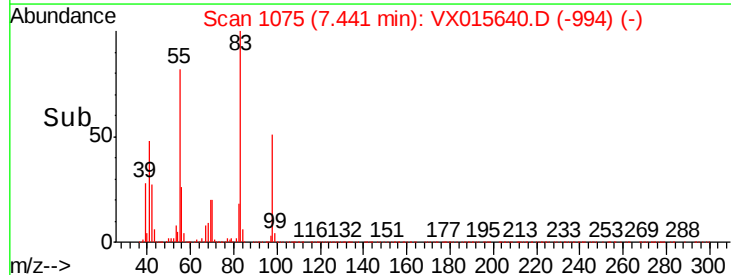
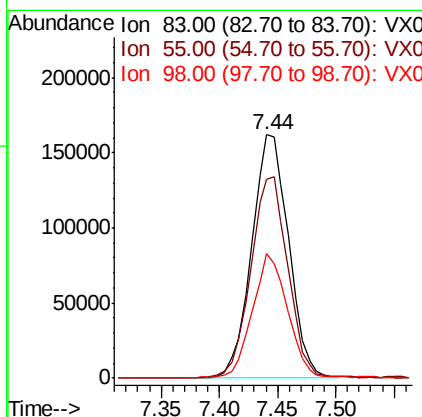
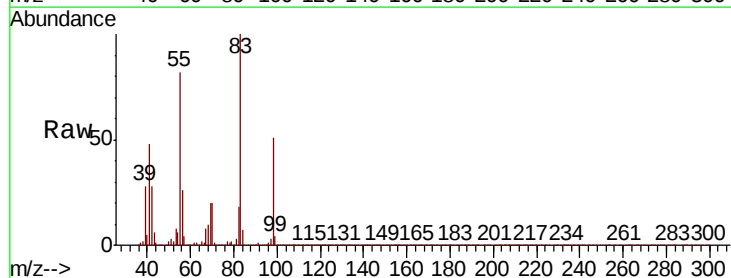
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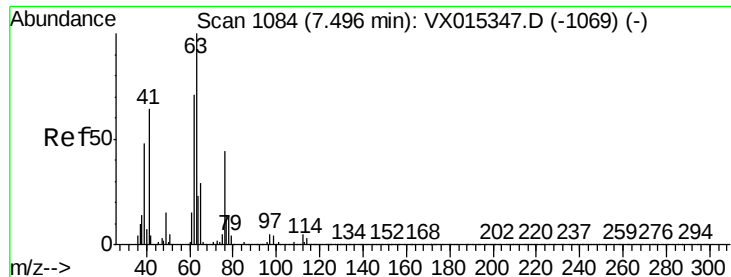
apatel
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#38
 Methylcyclohexane
 Concen: 18.182 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	355503		
55	82.6	41.3	124.1	
98	48.7	24.0	72.0	





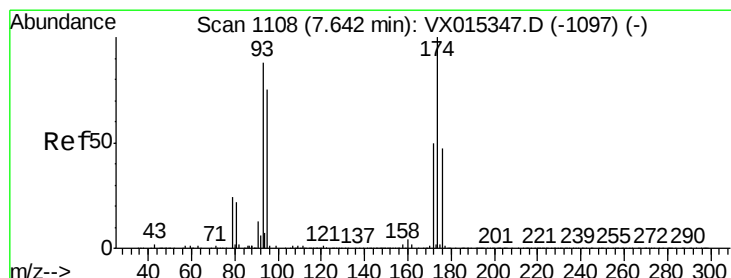
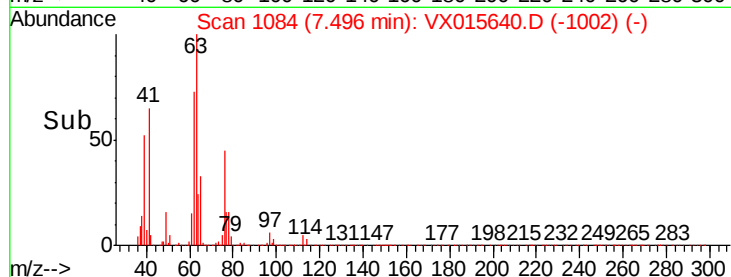
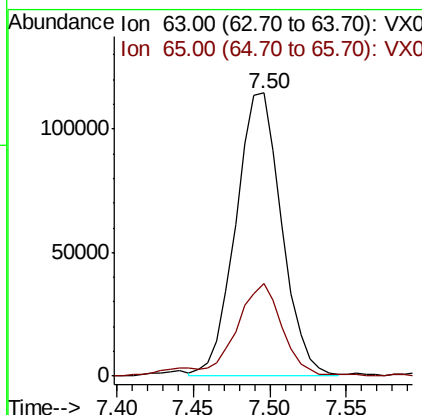
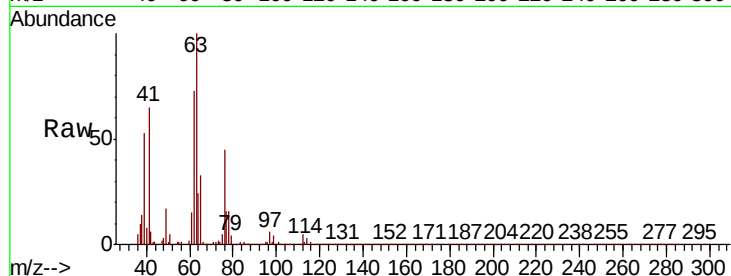
#39
 1,2-Dichloropropane
 Concen: 19.216 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.0	34.4

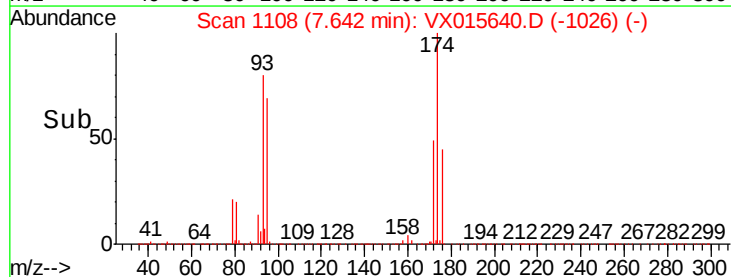
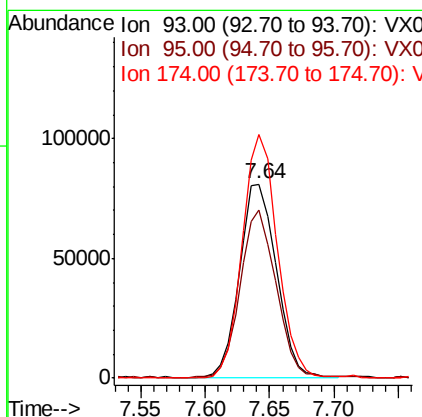
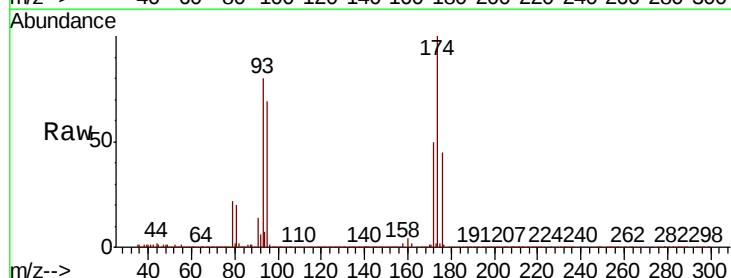
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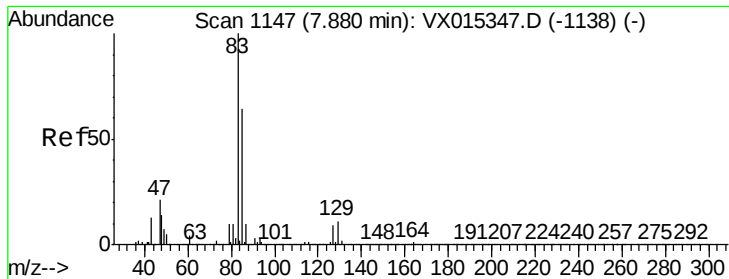
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#40
 Dibromomethane
 Concen: 19.611 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	0.0	166.4
174	118.7	0.0	225.4





#41

Bromodichloromethane

Concen: 18.951 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

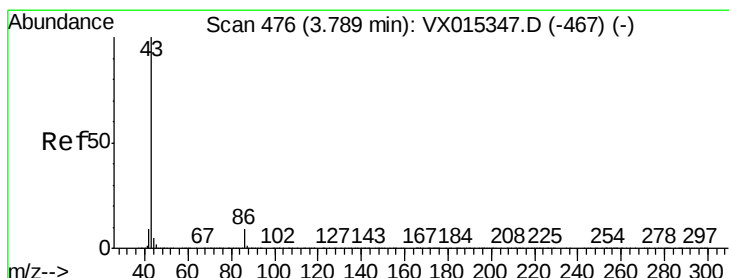
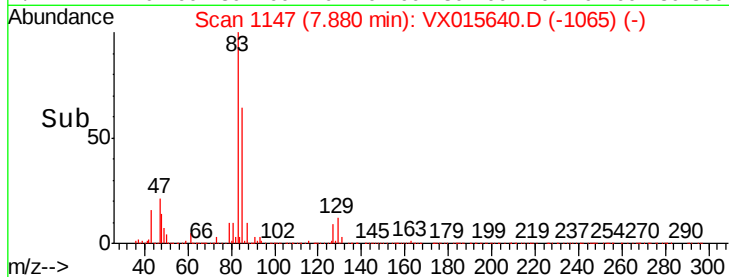
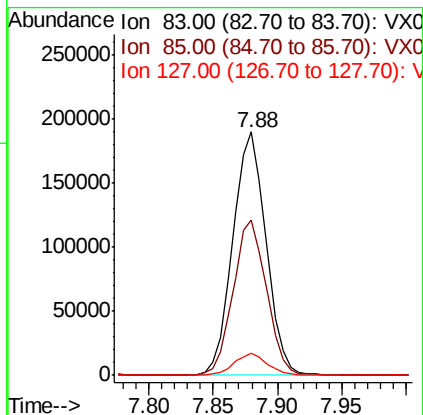
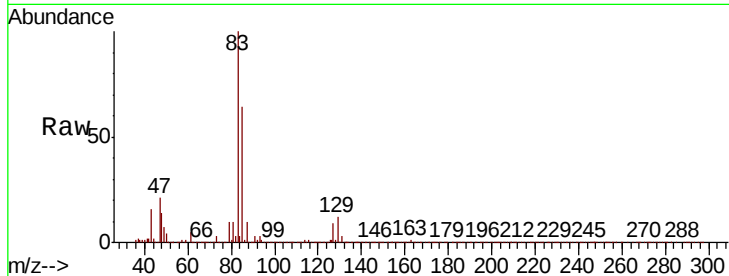
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	338489
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.6	77.4
127	9.0	7.0	10.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 101.839 ug/l

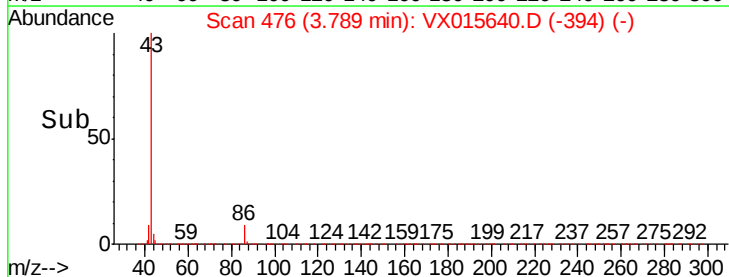
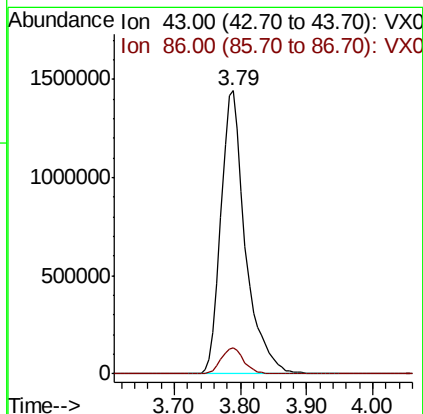
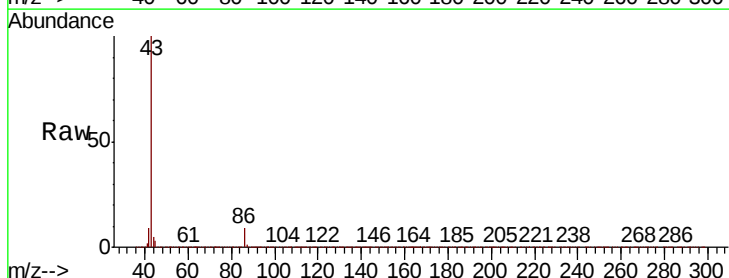
RT: 3.79 min Scan# 476

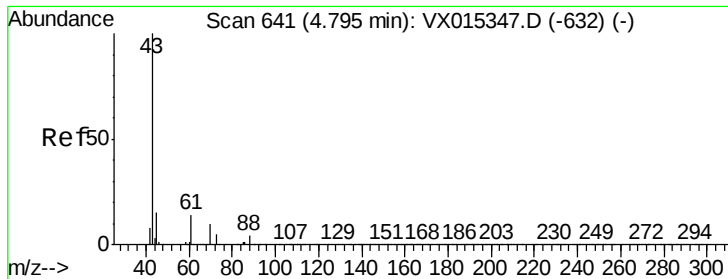
Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	43	Resp:	3689427
Ion Ratio	Lower	Upper	
43	100		
86	8.6	6.9	10.3





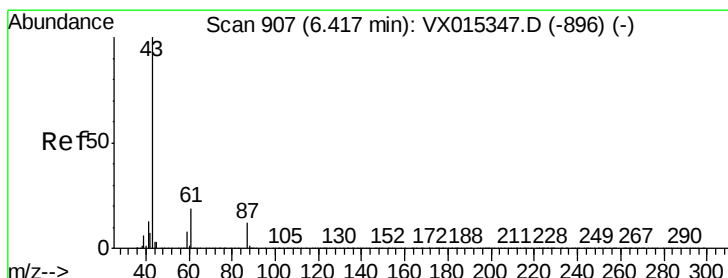
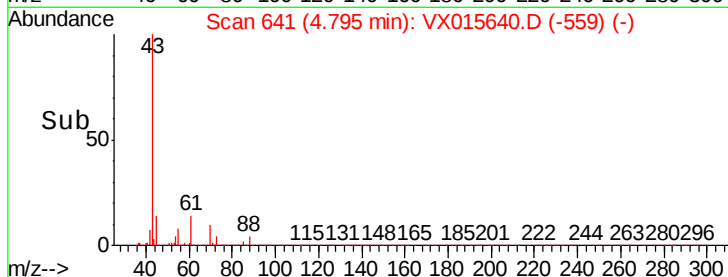
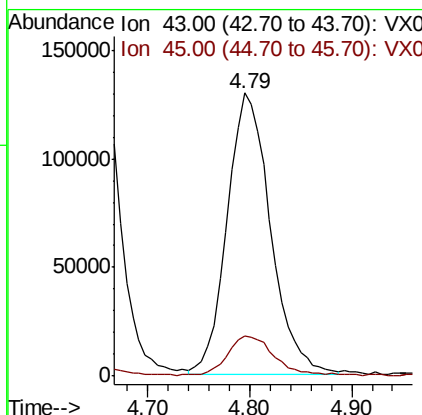
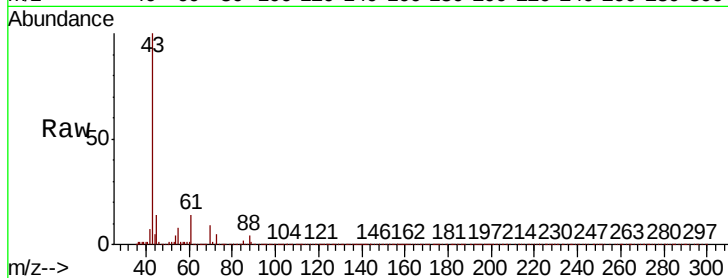
#43
Ethyl Acetate
Concen: 18.438 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.5	12.2	18.4

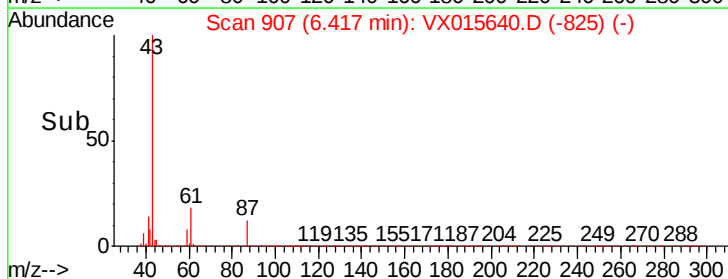
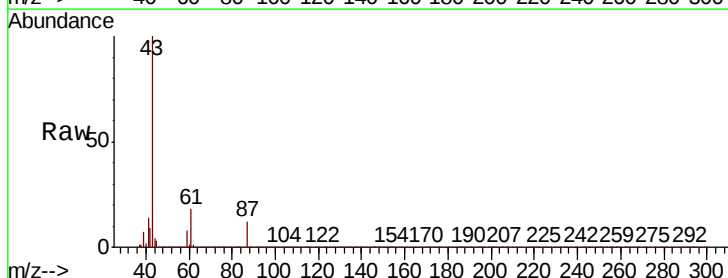
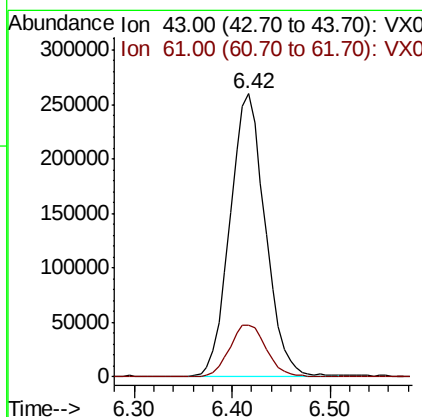
Manual Integrations
APPROVED

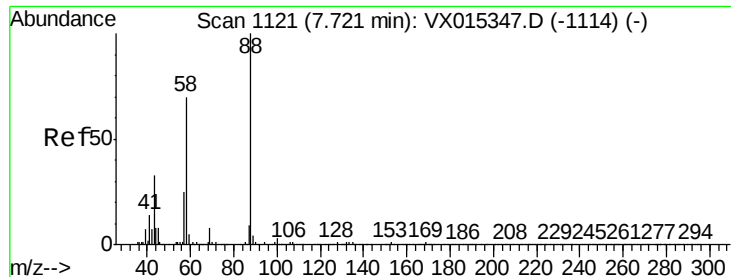
apatel
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#44
Isopropyl Acetate
Concen: 19.422 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.6	22.0





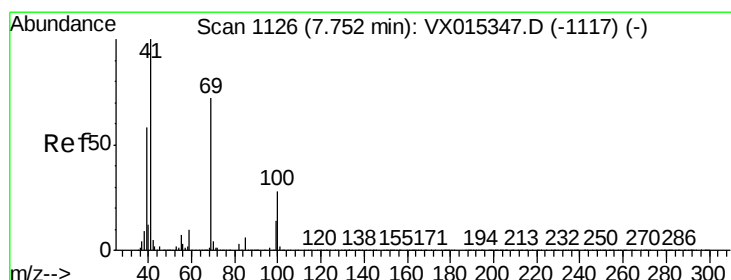
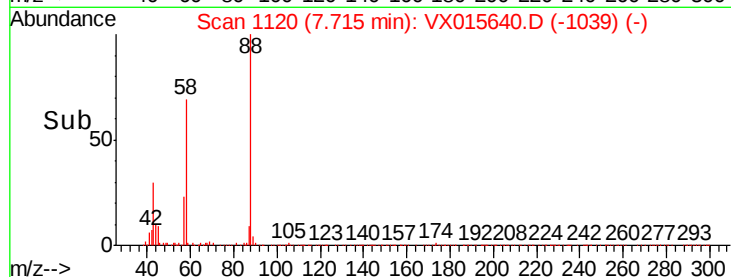
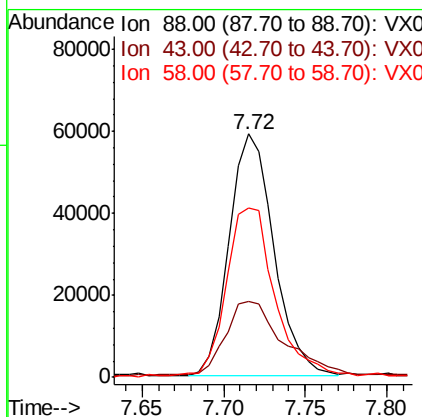
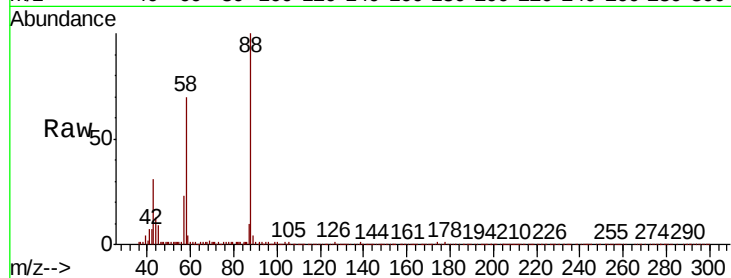
#45
1,4-Dioxane
Concen: 367.576 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	32.1	48.1
58	74.2	59.4	89.0

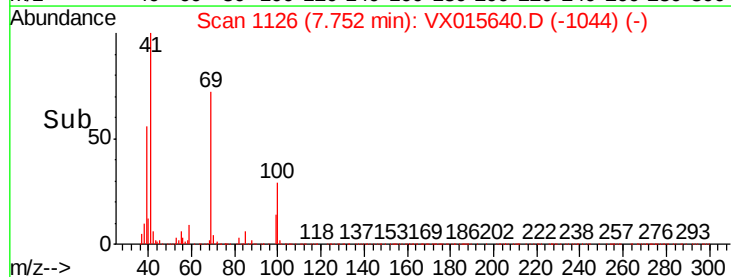
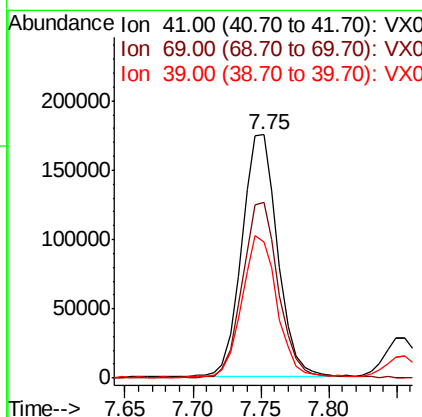
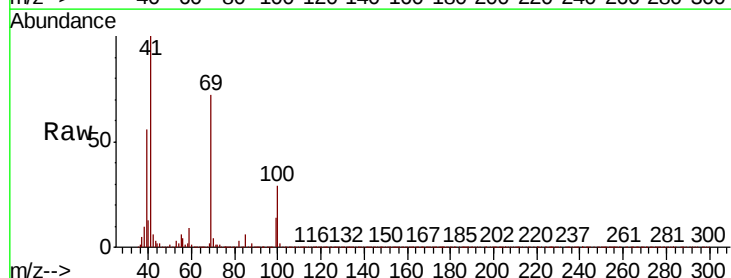
Manual Integrations
APPROVED

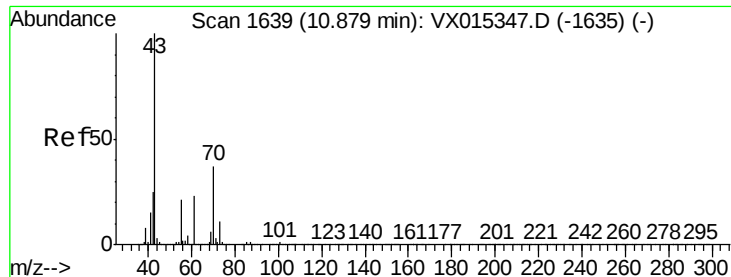
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#46
Methyl methacrylate
Concen: 19.313 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.3	35.8	107.4
39	55.6	28.9	86.8





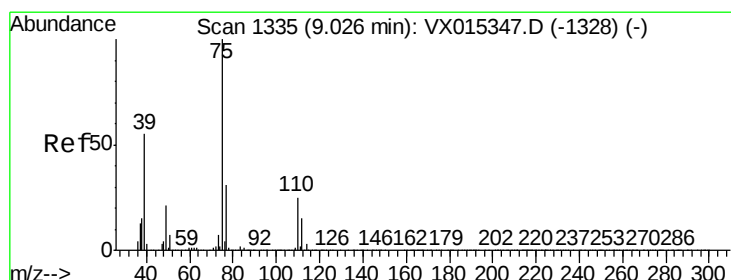
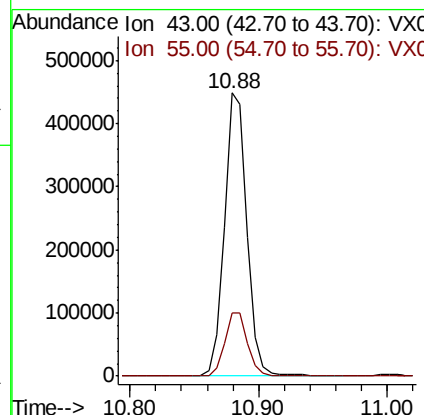
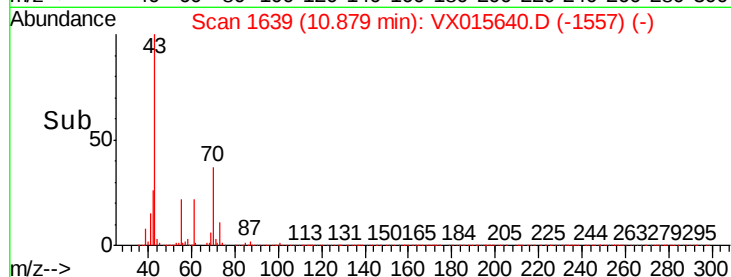
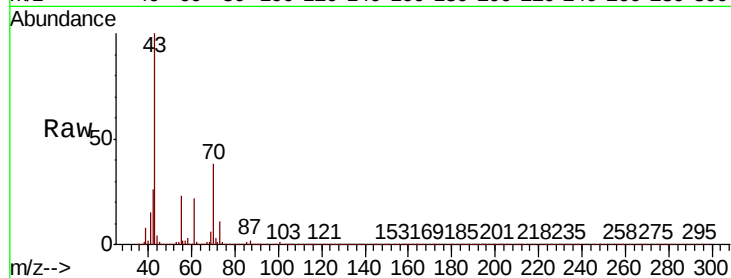
#47
n-amvl Acetate
Concen: 19.001 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 548371
Ion Ratio Lower Upper
43 100
55 22.7 17.0 25.6

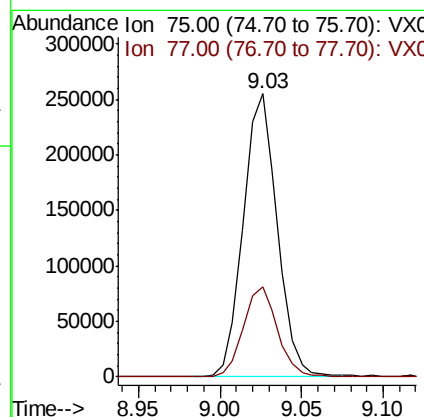
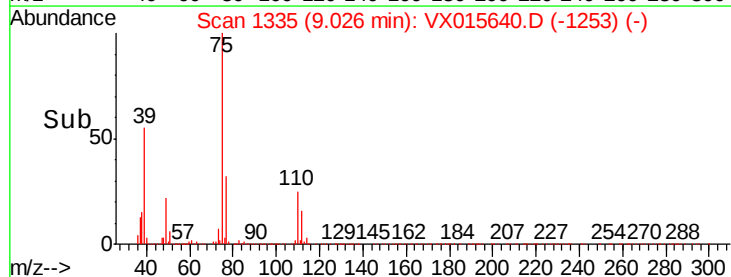
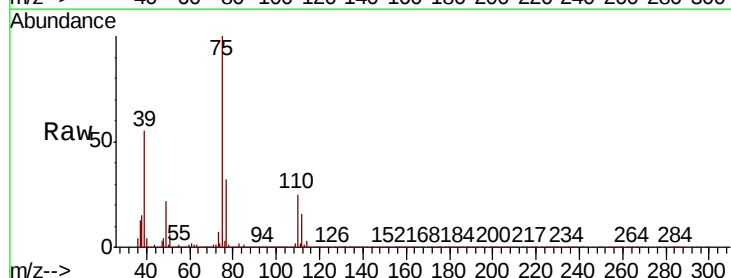
Manual Integrations
APPROVED

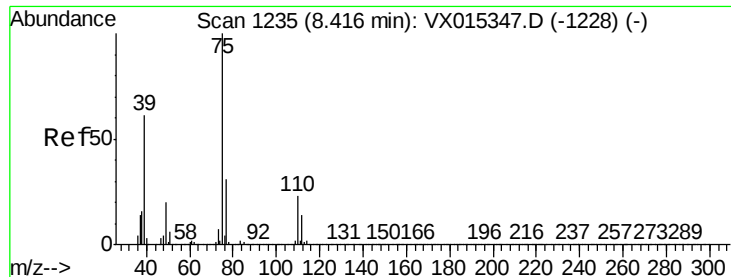
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#48
t-1,3-Dichloropropene
Concen: 17.902 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 75 Resp: 369116
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0





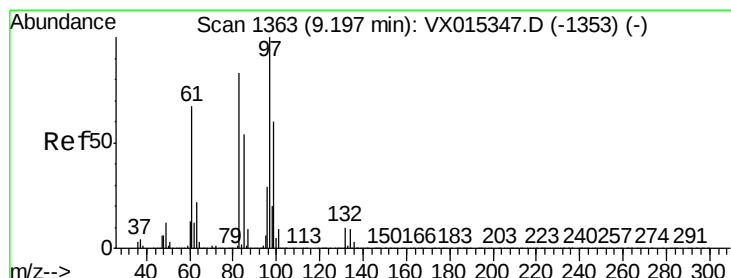
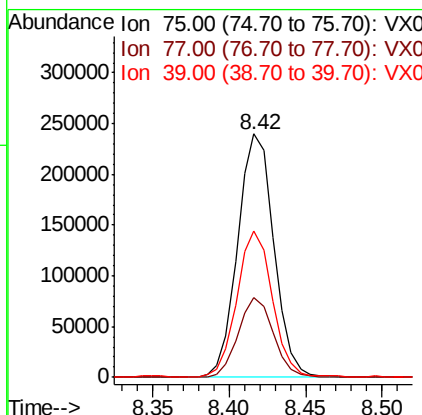
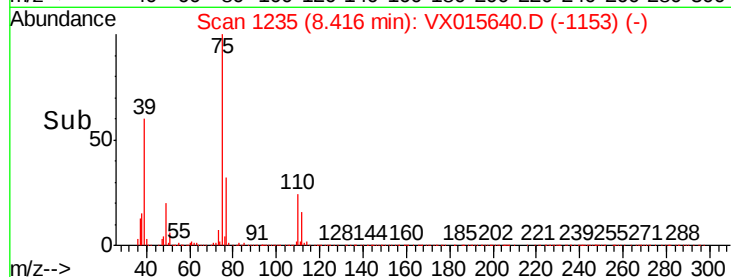
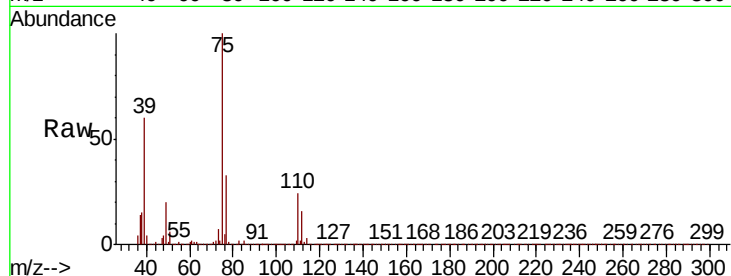
#49
 cis-1,3-Dichloropropene
 Concen: 18.453 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	36.8
39	59.8	48.9	73.3

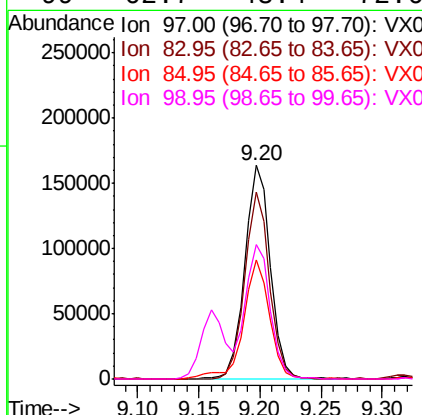
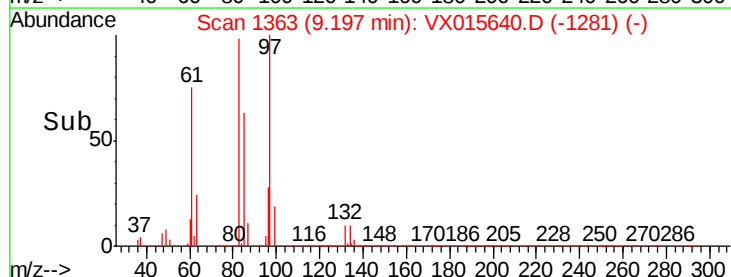
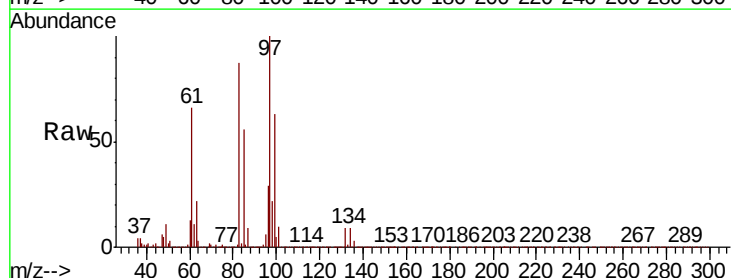
Manual Integrations
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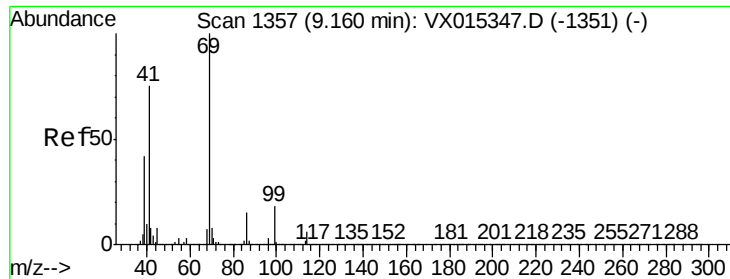
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#50
 1,1,2-Trichloroethane
 Concen: 20.136 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.8	100.2
85	56.0	43.3	64.9
99	62.7	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.328 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

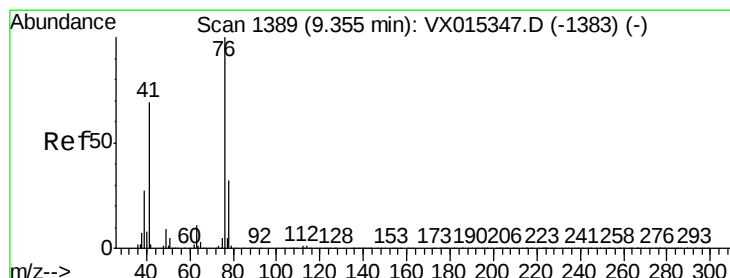
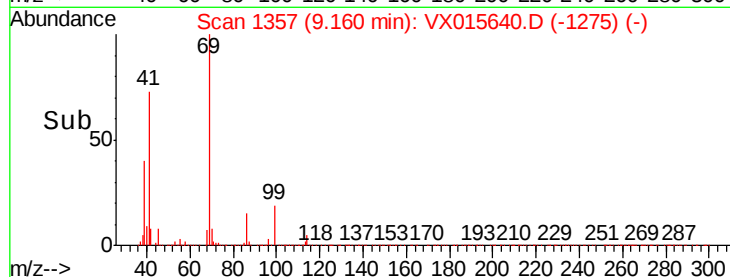
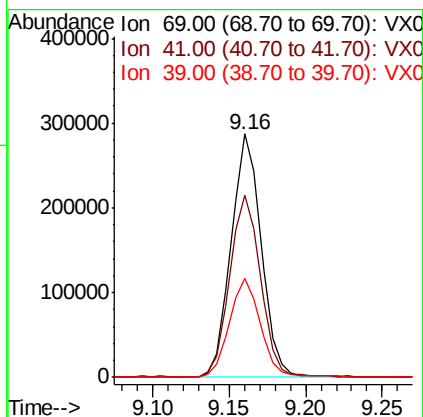
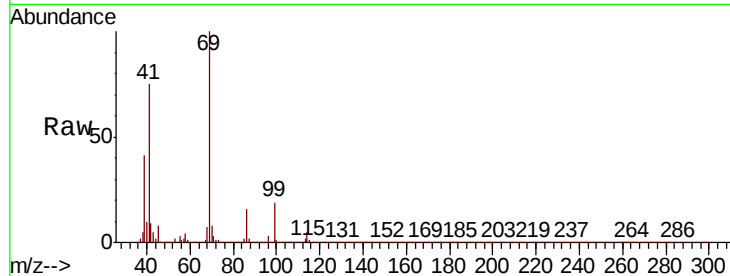
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	392068
Ion Ratio	Lower	Upper	
69	100		
41	74.5	37.4	112.2
39	40.6	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.088 ug/l

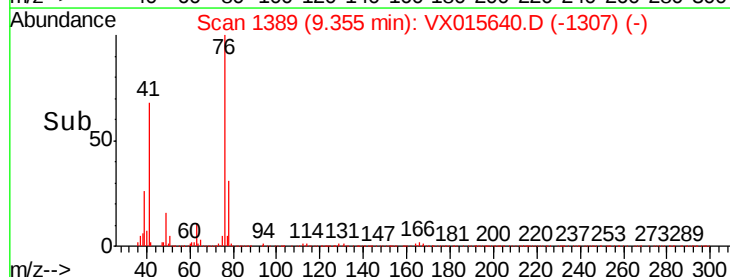
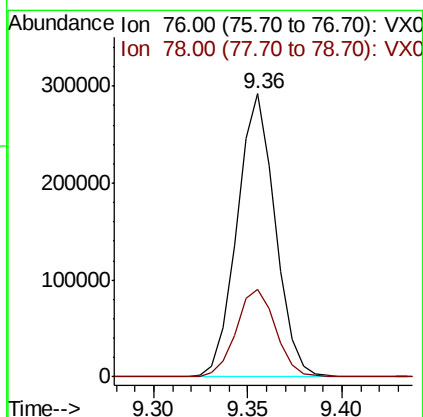
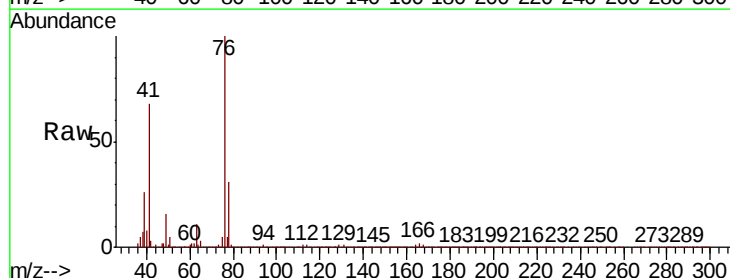
RT: 9.36 min Scan# 1389

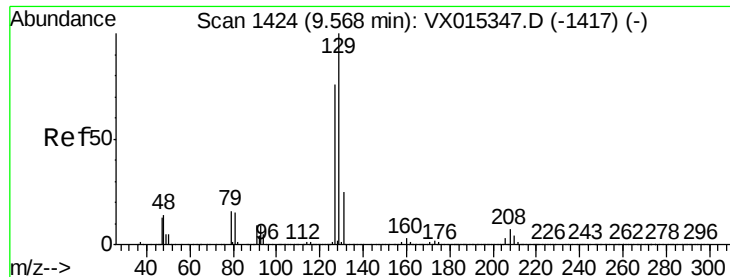
Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	76	Resp:	409222
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.2





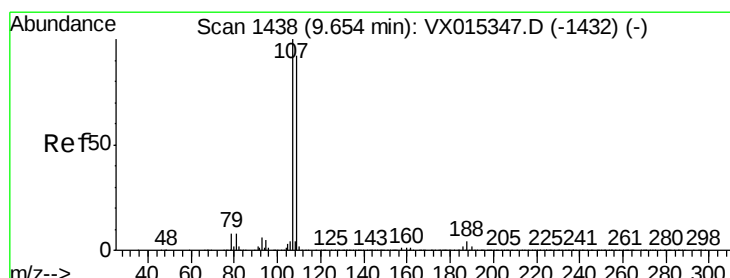
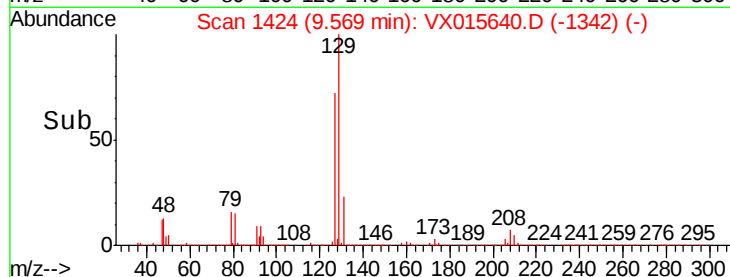
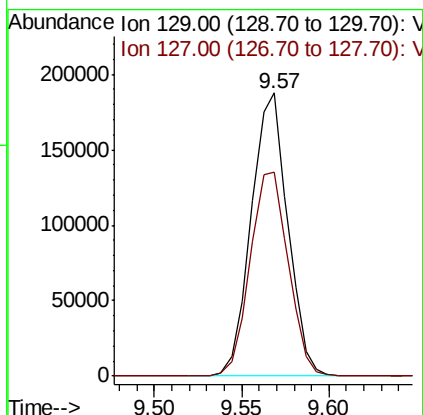
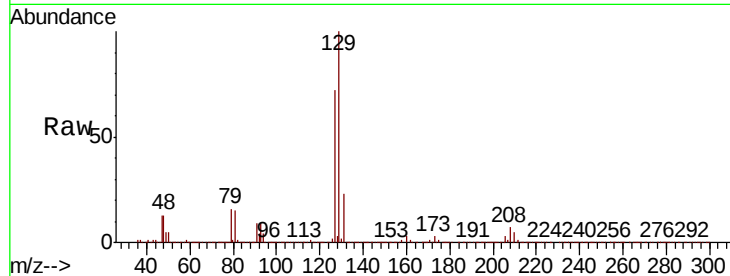
#53
Dibromochloromethane
Concen: 18.782 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	74.8	38.6	115.7	

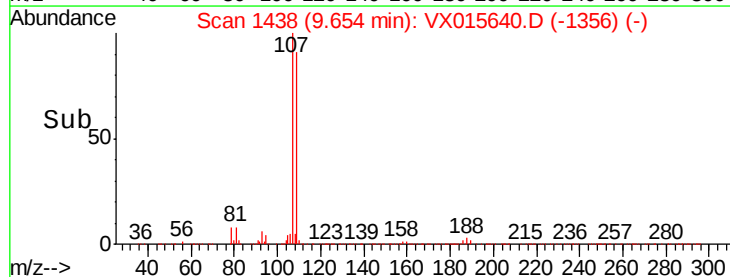
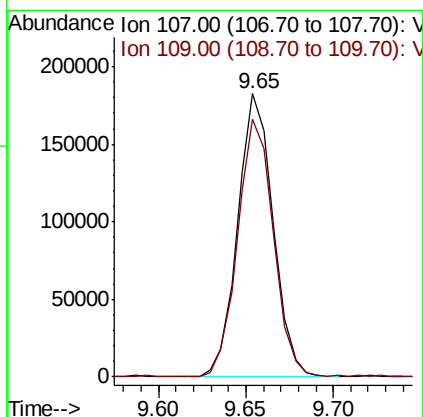
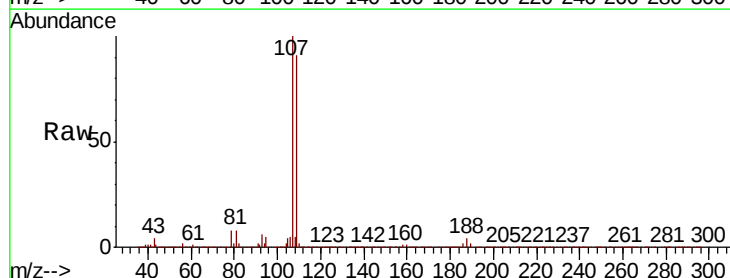
Manual Integrations
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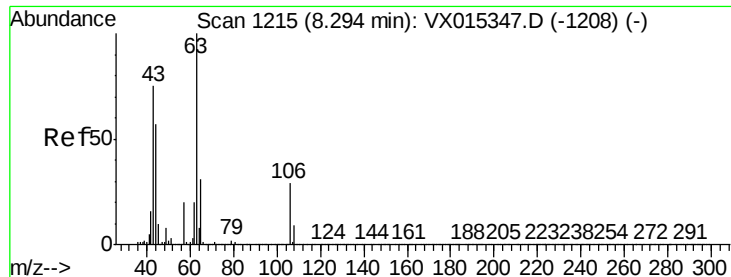
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#54
1,2-Dibromoethane
Concen: 20.168 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	92.0	75.0	112.6	





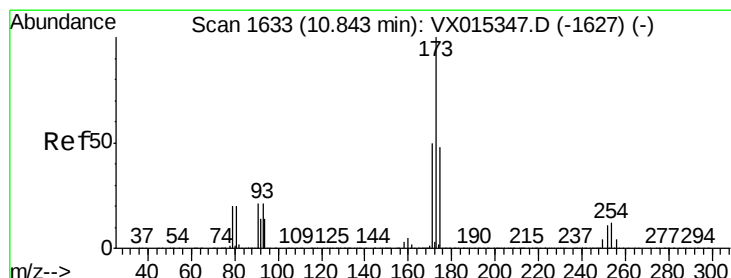
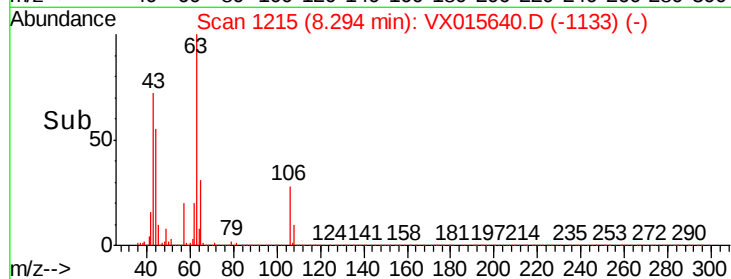
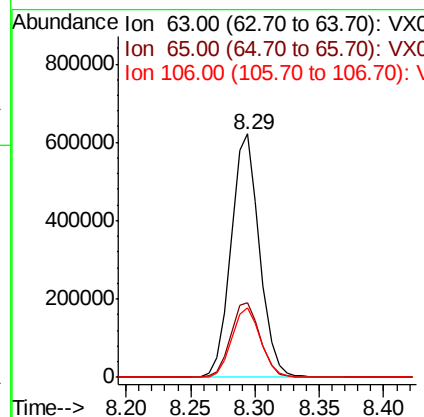
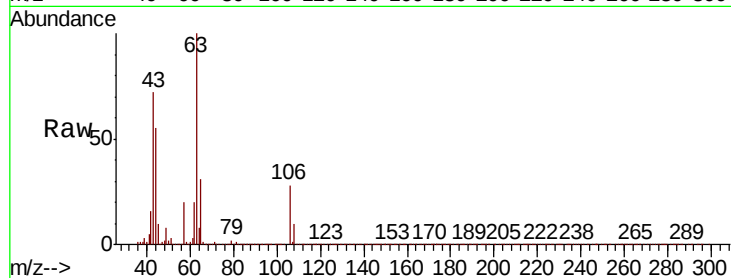
#55
2-Chloroethyl vinyl ether
Concen: 100.178 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.5	38.3
106	29.1	23.1	34.7

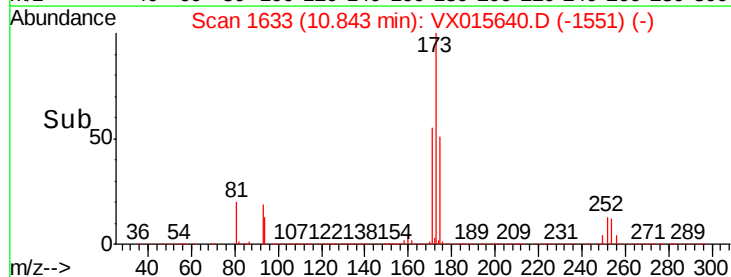
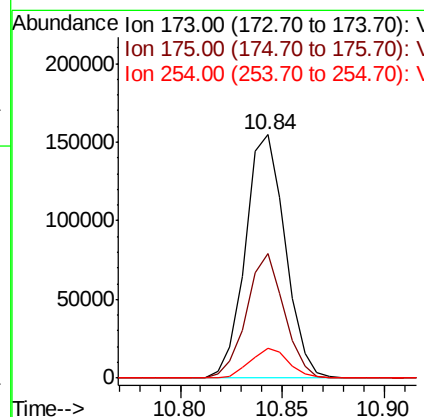
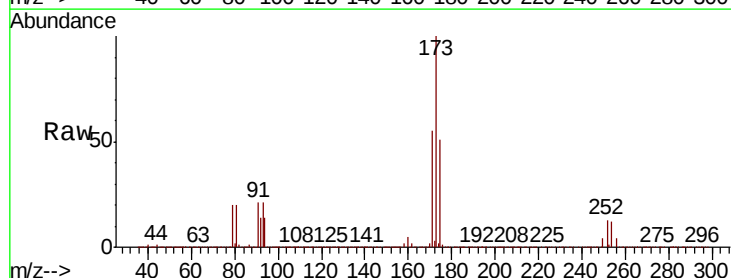
Manual Integrations
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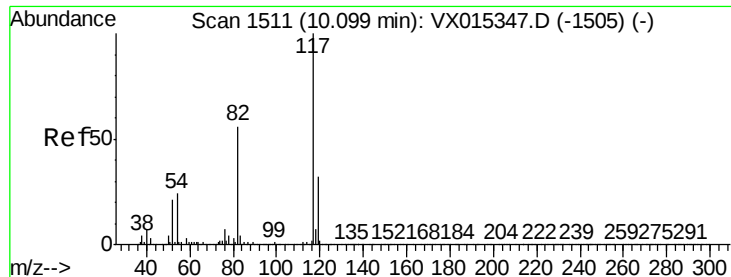
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#56
Bromoform
Concen: 17.562 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.0	58.4
254	12.1	9.4	14.2





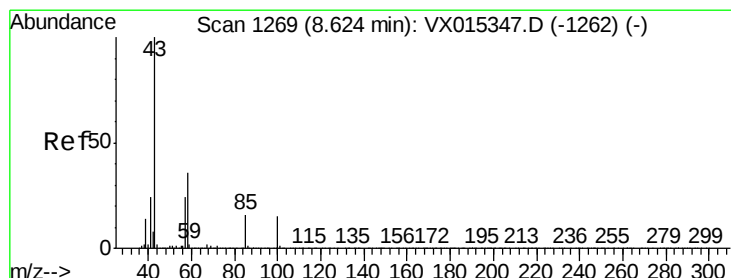
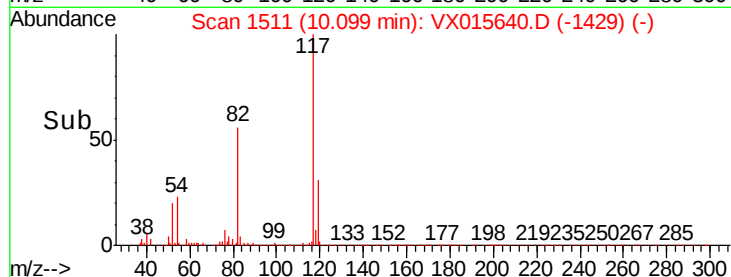
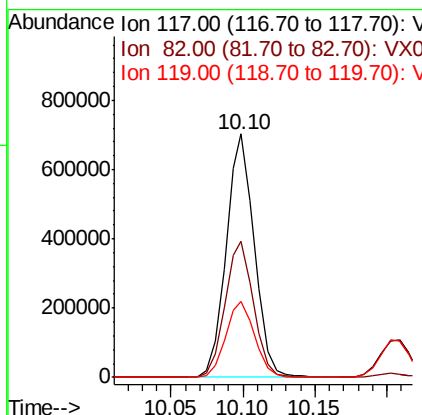
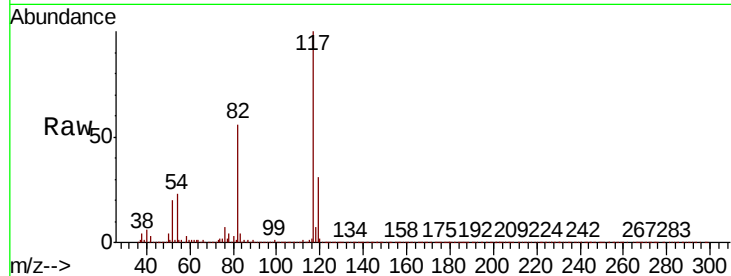
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		959509		
82	56.8	45.0	67.6		
119	32.3	25.5	38.3		

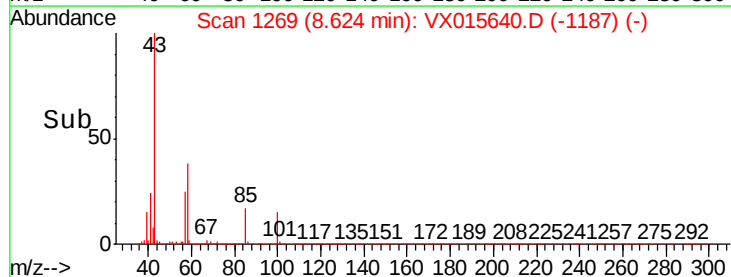
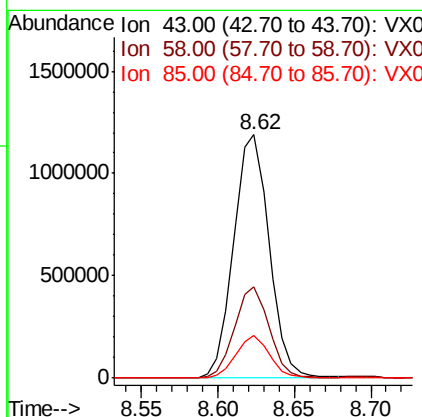
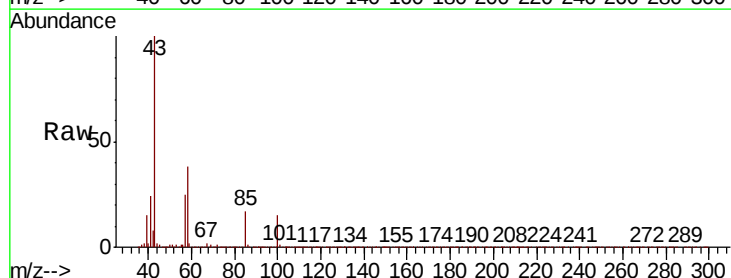
Manual Integrations
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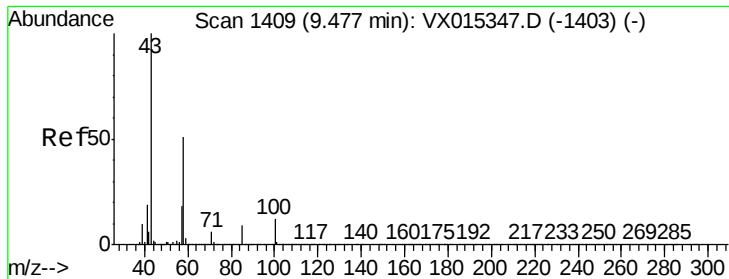
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#58
4-Methyl-2-Pentanone
Concen: 104.501 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		1919040		
58	36.7	29.4	44.0		
85	16.4	13.0	19.4		





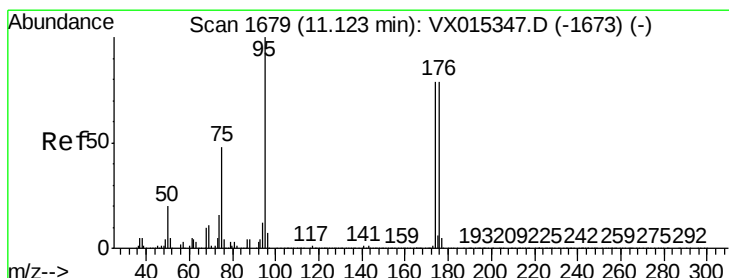
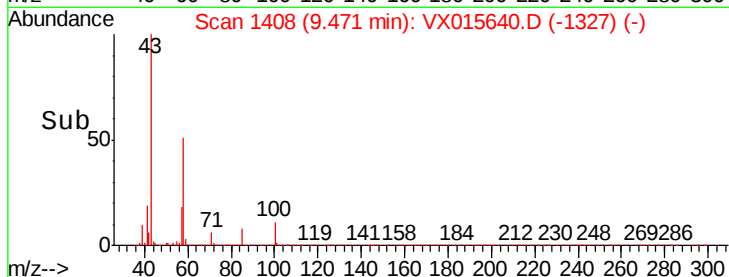
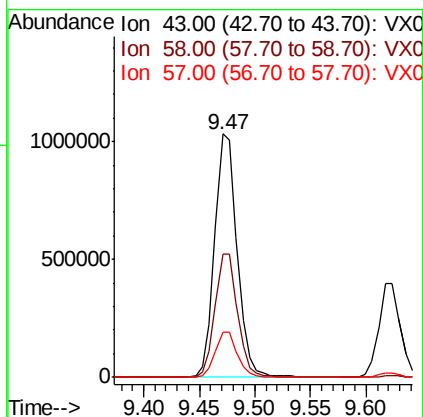
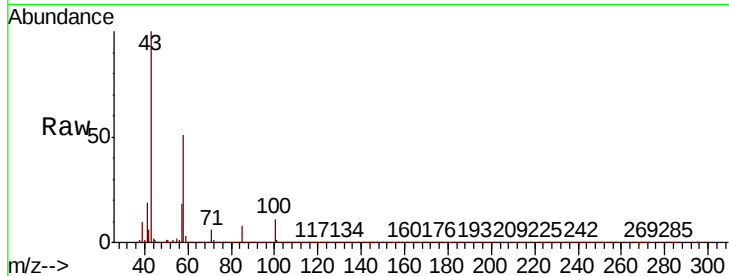
#59
2-Hexanone
Concen: 103.615 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 1447546
Ion Ratio Lower Upper
43 100
58 51.1 40.2 60.4
57 18.4 14.6 22.0

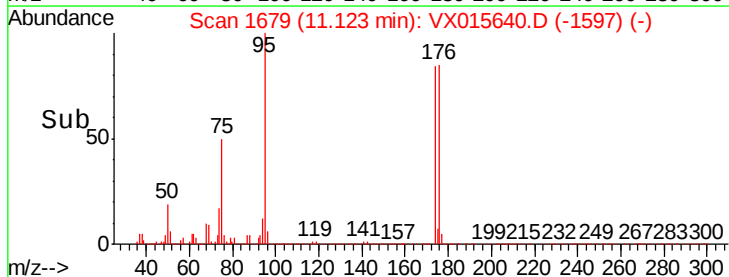
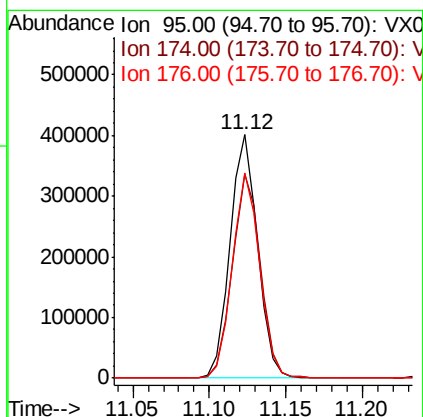
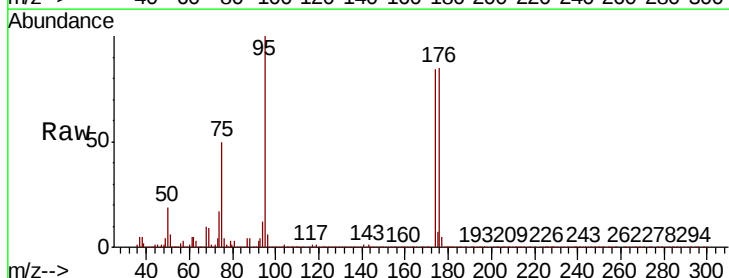
Manual Integrations
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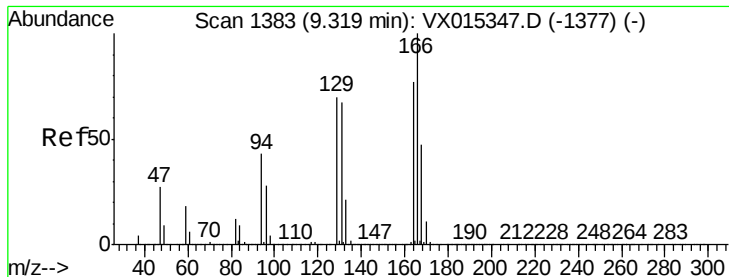
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#60
4-Bromofluorobenzene
Concen: 30.334 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 95 Resp: 498107
Ion Ratio Lower Upper
95 100
174 85.5 66.4 99.6
176 83.8 64.1 96.1





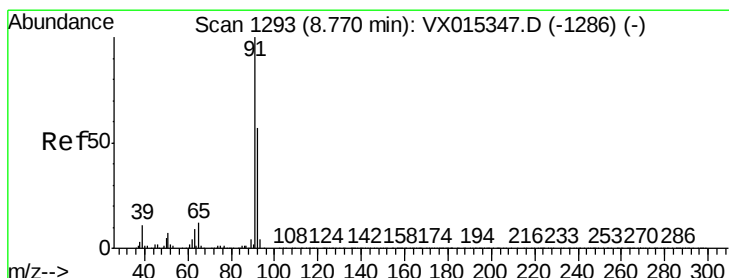
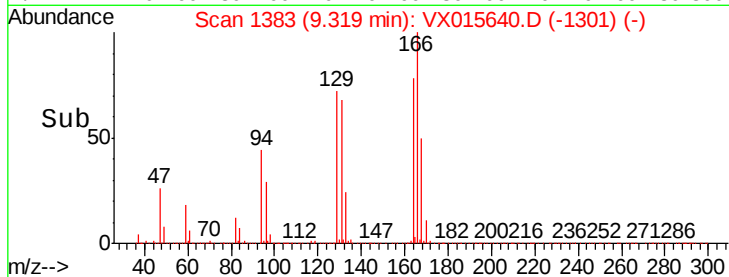
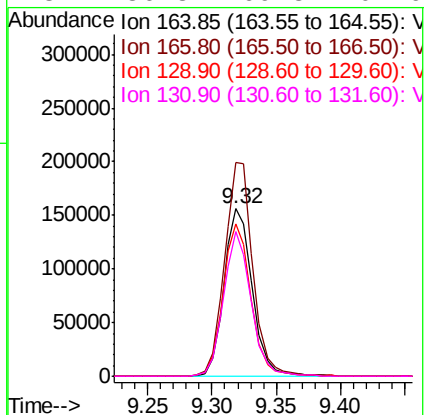
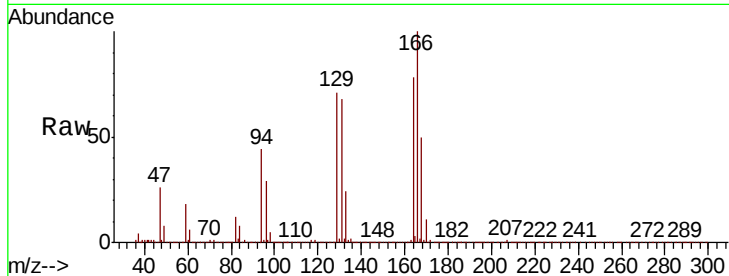
#61
Tetrachloroethene
Concen: 19.475 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.8	103.6	155.4
129	91.0	72.6	108.8
131	86.3	69.8	104.6

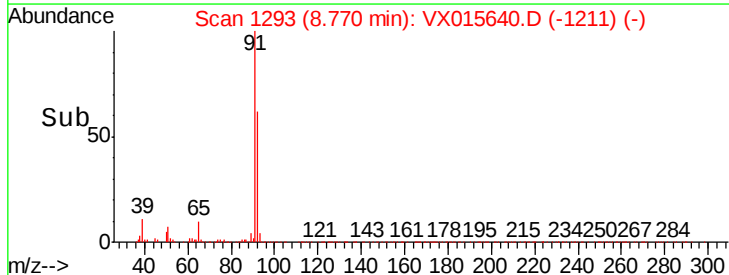
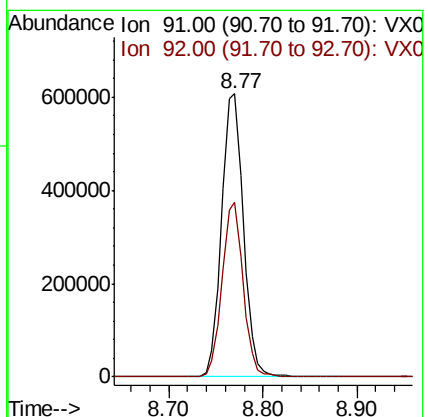
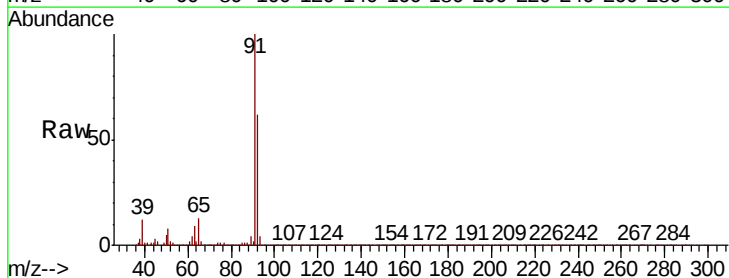
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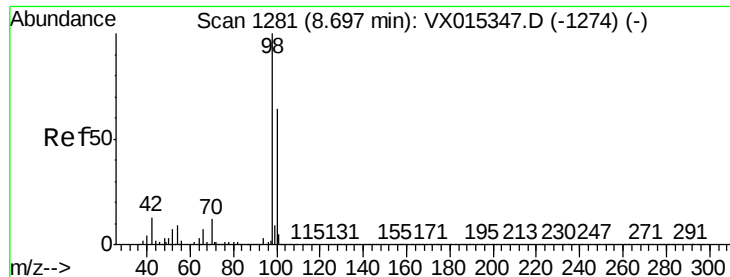
apatel
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#62
Toluene
Concen: 20.095 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.5	46.7	70.1





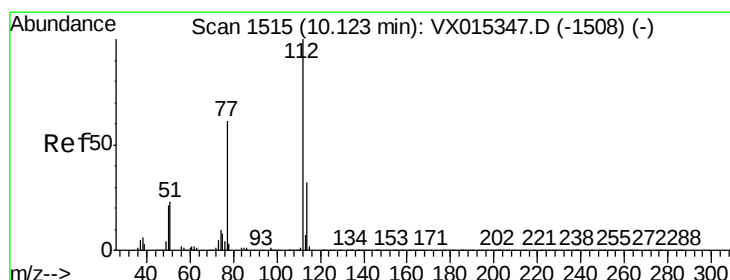
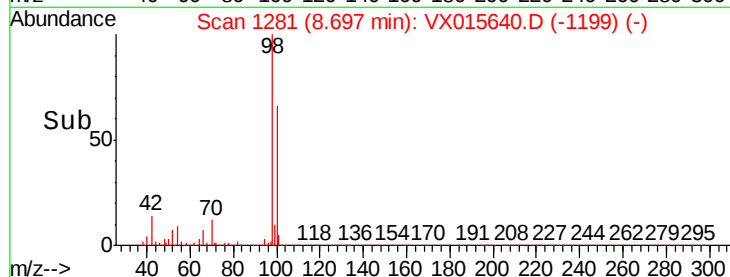
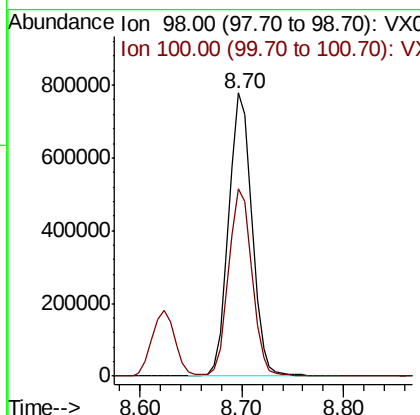
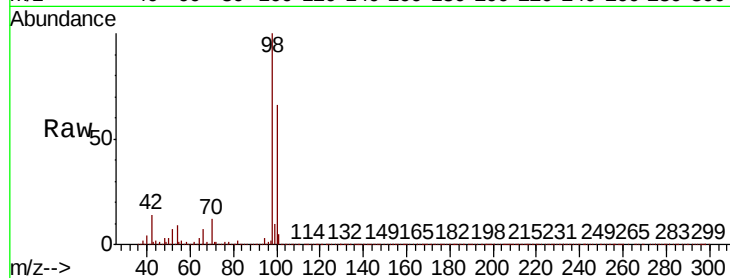
#63
Toluene-d8
Concen: 30.031 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 1224230
Ion Ratio Lower Upper
98 100
100 66.5 52.2 78.2

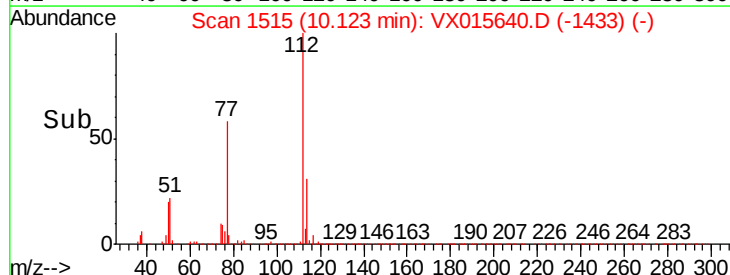
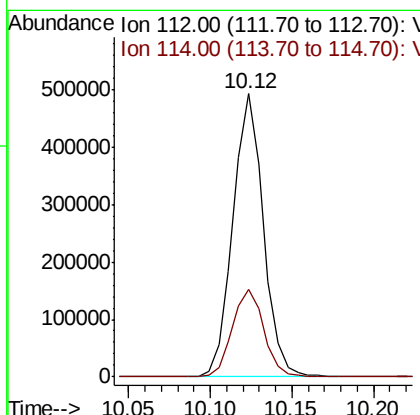
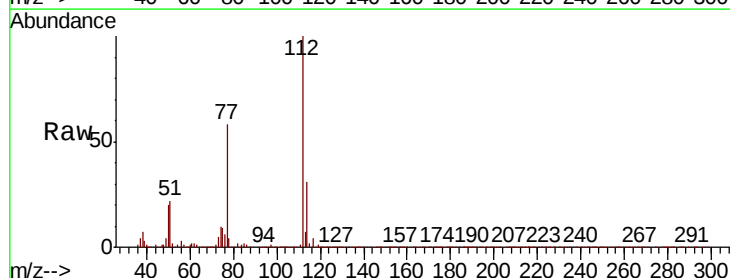
Manual Integrations
APPROVED

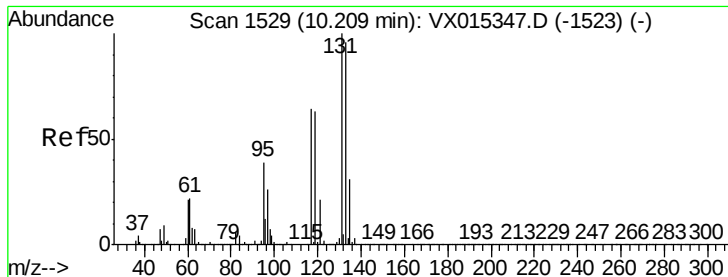
apatel
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#64
Chlorobenzene
Concen: 20.462 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 112 Resp: 639384
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.272 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

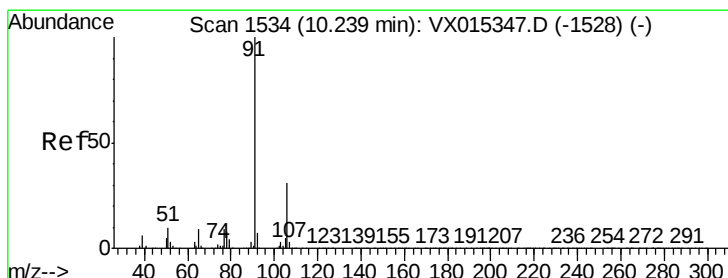
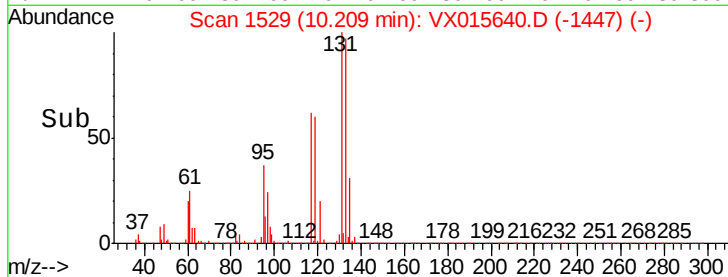
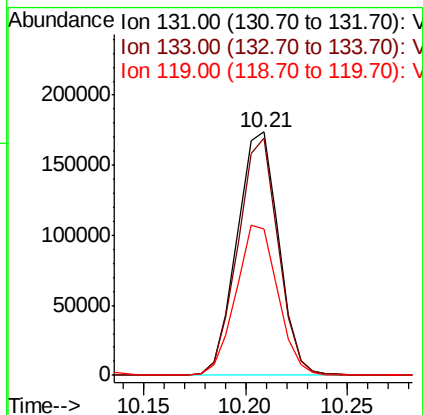
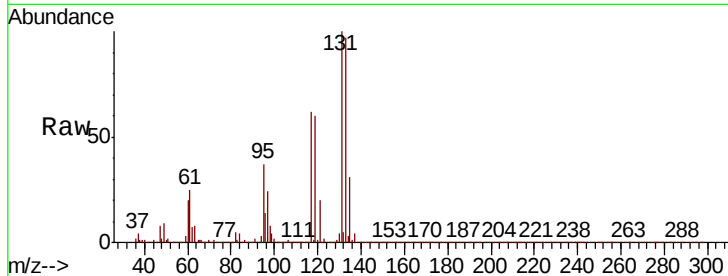
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	246079
Ion Ratio	Lower	Upper	
131	100		
133	94.5	0.0	193.6
119	61.6	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.543 ug/l

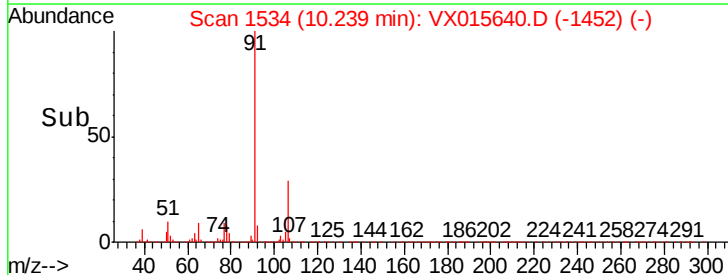
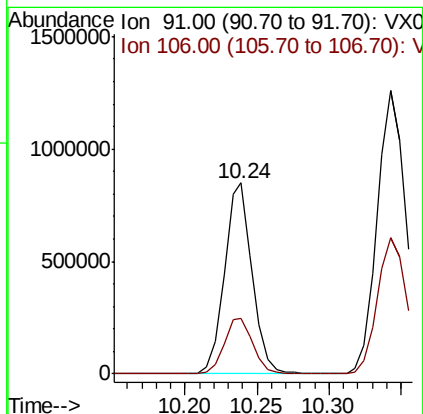
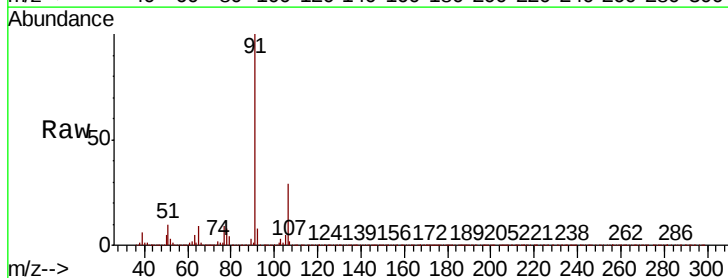
RT: 10.24 min Scan# 1534

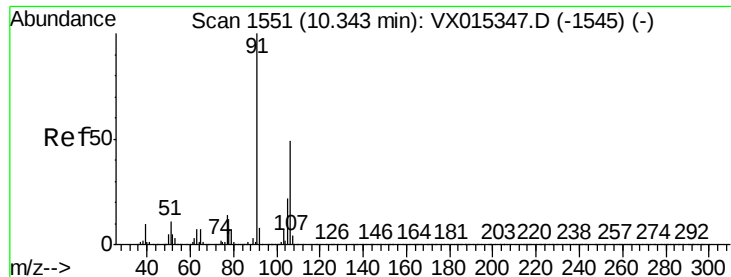
Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	91	Resp:	1140556
Ion Ratio	Lower	Upper	
91	100		
106	29.3	25.0	37.6





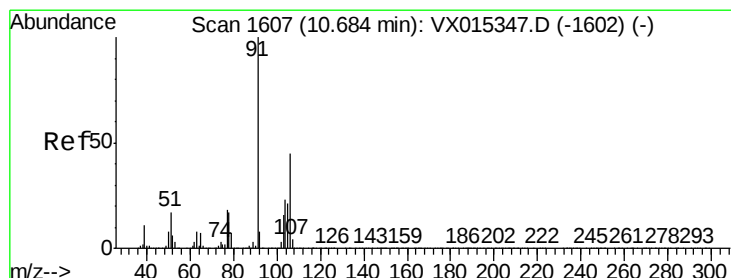
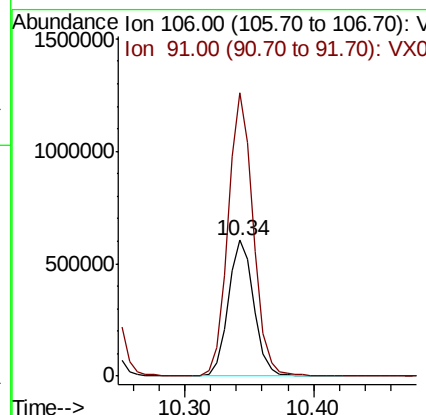
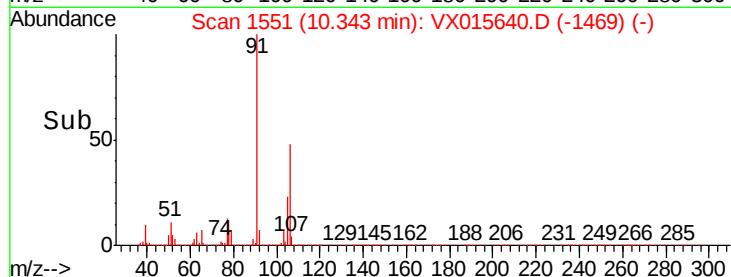
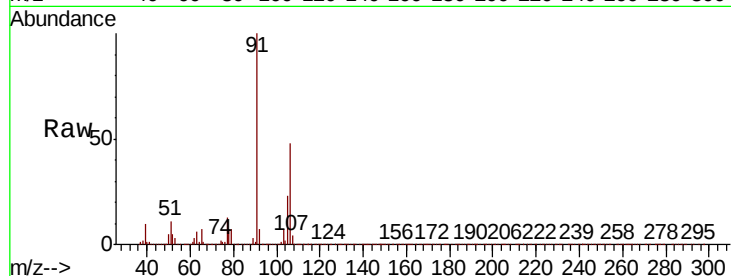
#67
m/p-Xylenes
Concen: 40.225 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.2	165.0	247.4

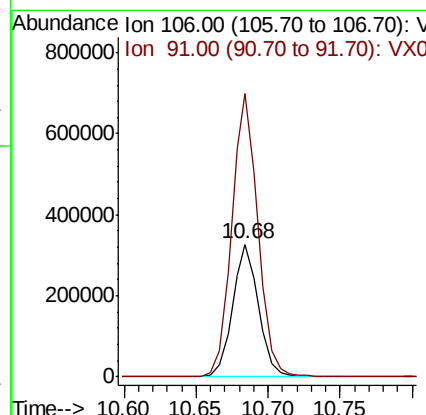
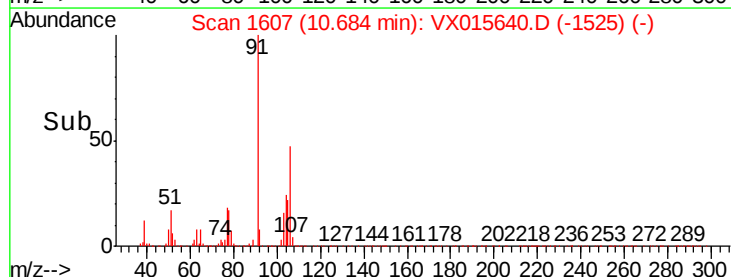
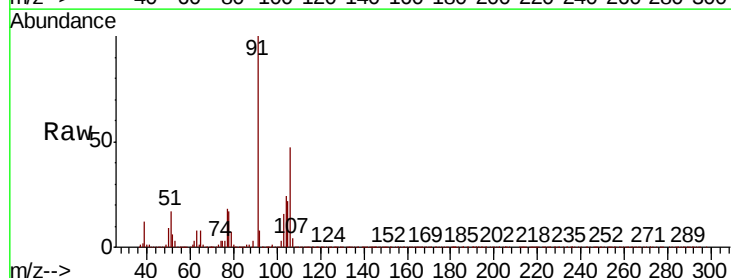
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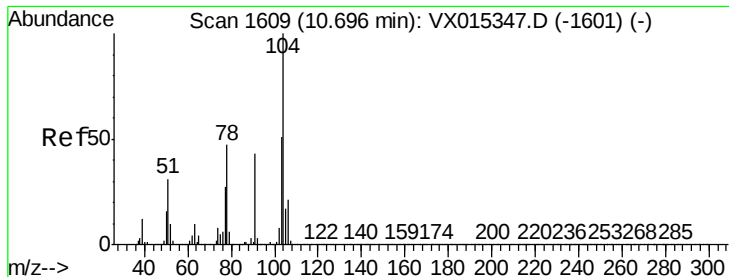
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#68
o-Xylene
Concen: 20.061 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.4	109.1	327.2





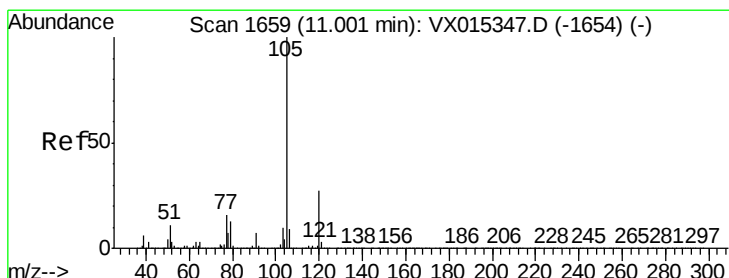
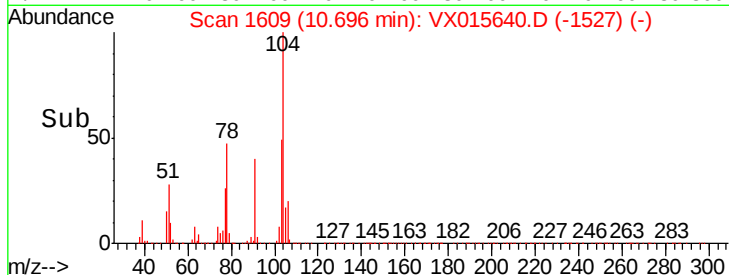
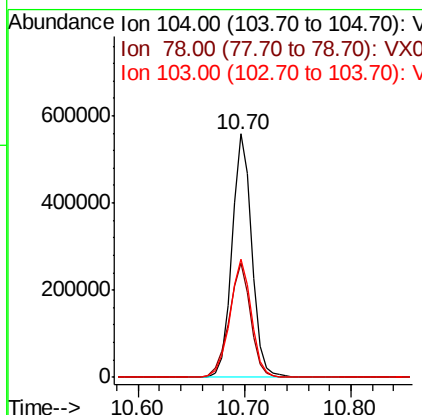
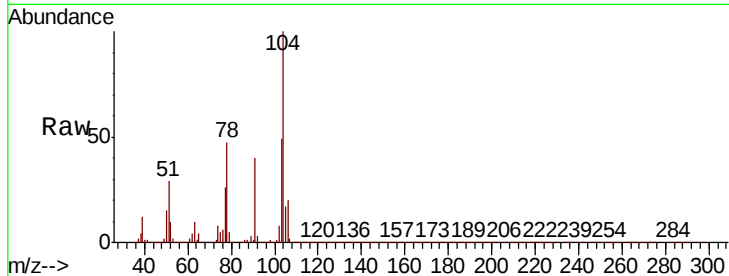
#69
Stvrene
Concen: 20.366 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.8	41.5	62.3
103	52.4	43.4	65.2

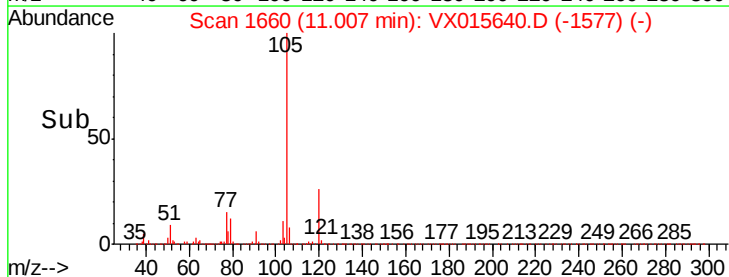
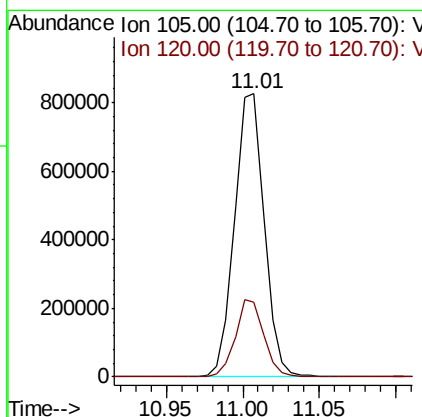
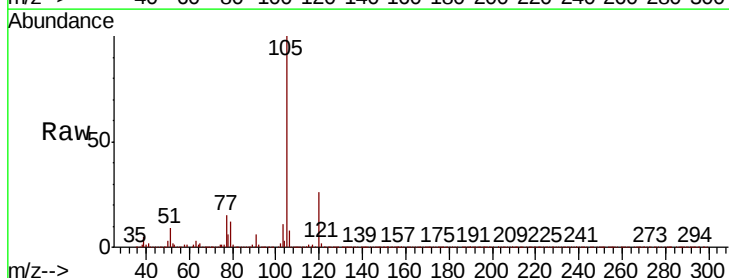
Manual Integrations
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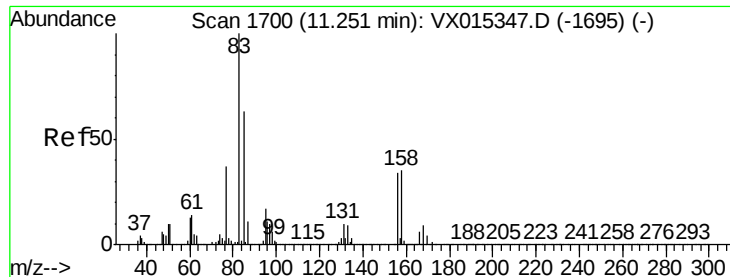
apatel
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#70
Isopropylbenzene
Concen: 20.361 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.8	34.8





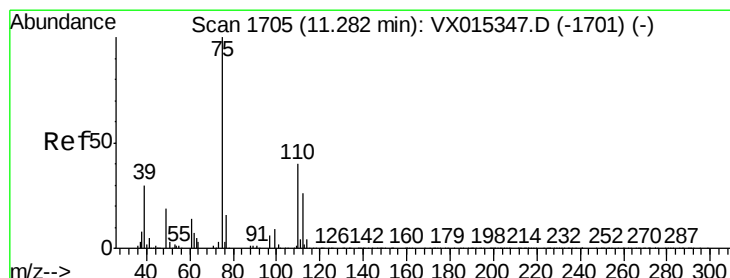
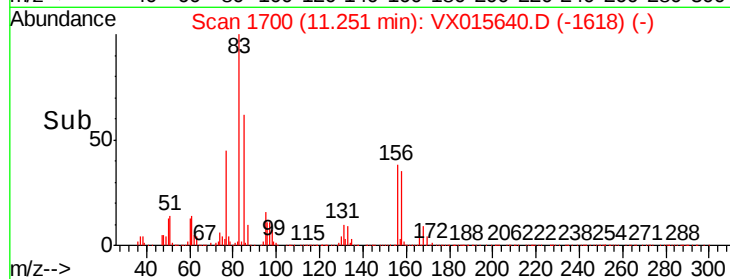
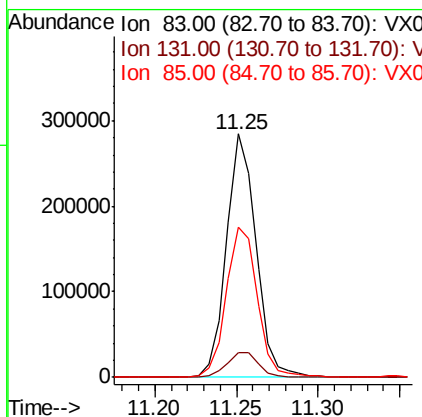
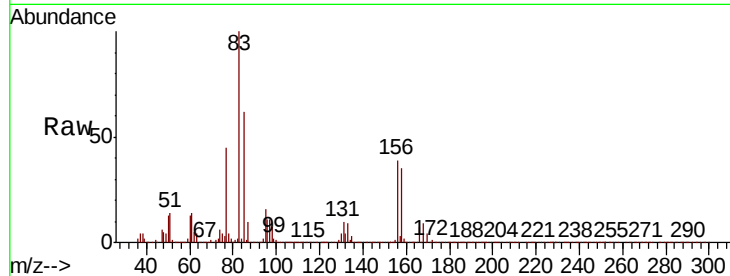
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.385 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.7	5.3	15.9	
85	64.6	32.0	96.2	

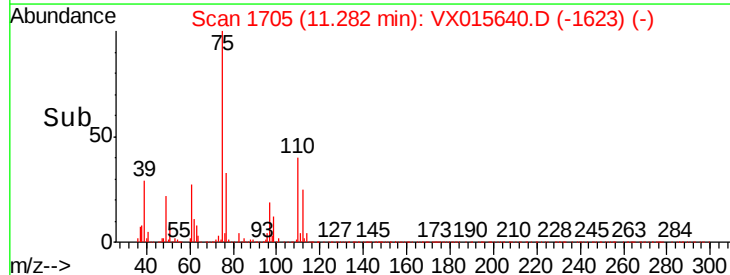
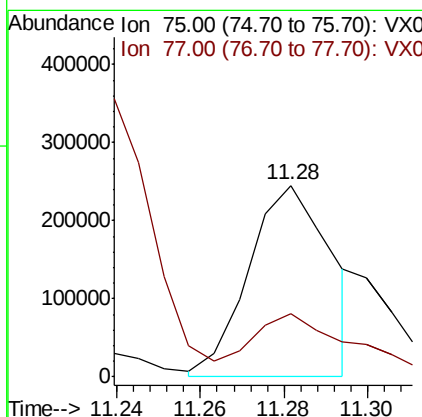
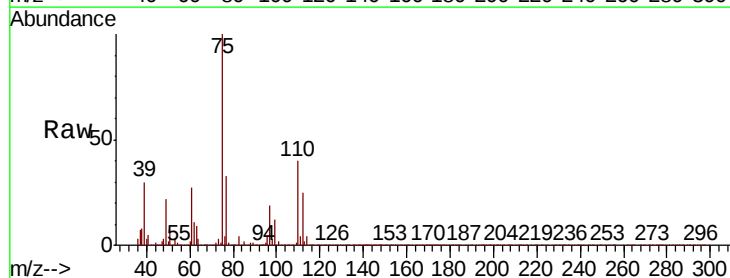
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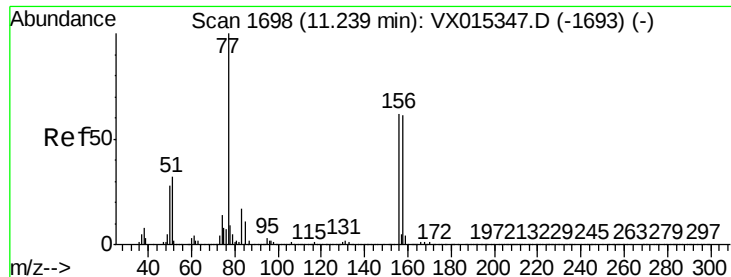
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 20.172 ug/l m
 RT: 11.28 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.7	0.0	80.0	





#73

Bromobenzene

Concen: 20.190 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

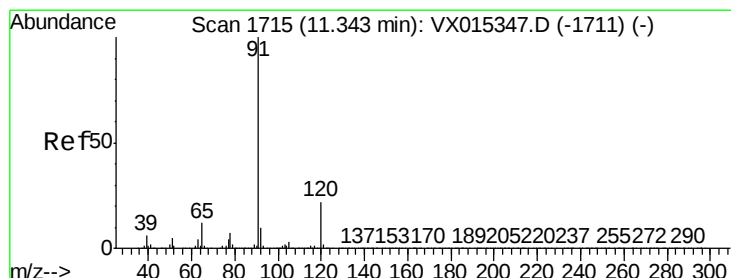
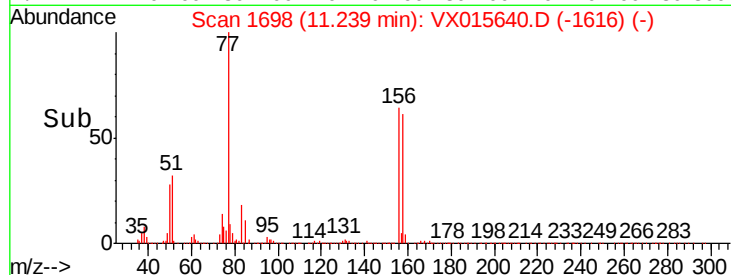
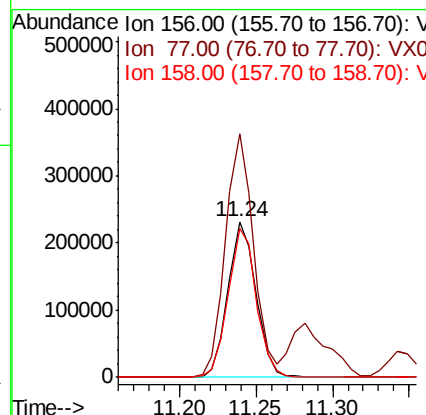
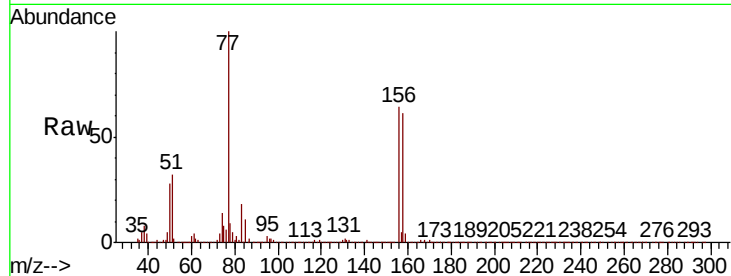
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	295106
Ion Ratio	Lower	Upper	
156	100		
77	156.3	0.0	324.4
158	96.0	0.0	200.0

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#74

n-propylbenzene

Concen: 19.953 ug/l

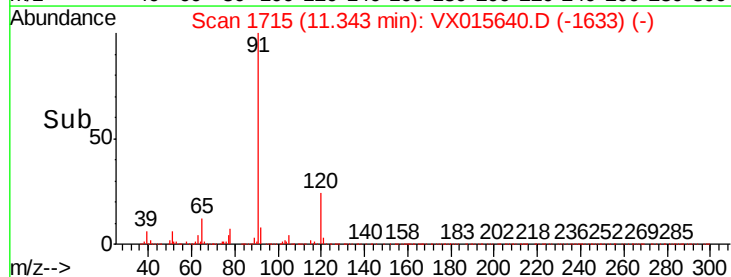
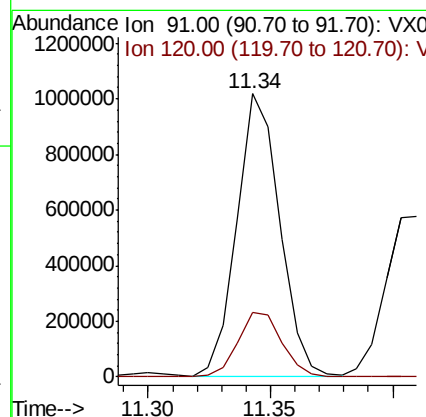
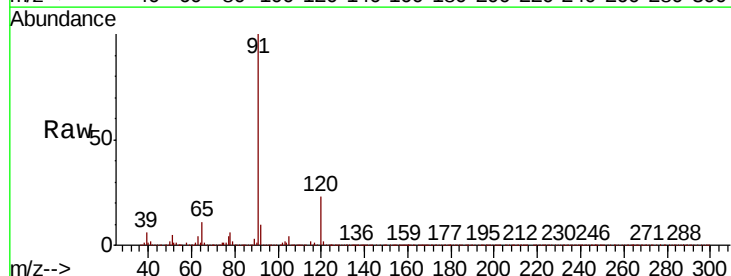
RT: 11.34 min Scan# 1715

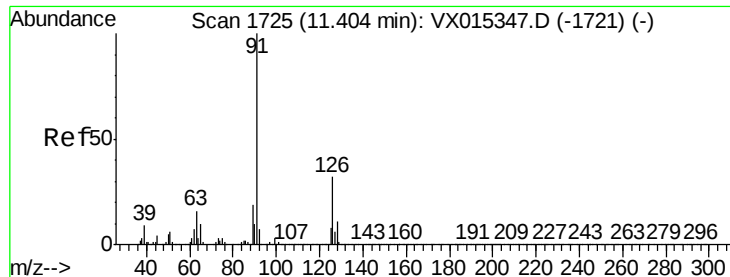
Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	91	Resp:	1246206
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.315 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 771672

Ion Ratio Lower Upper

91 100

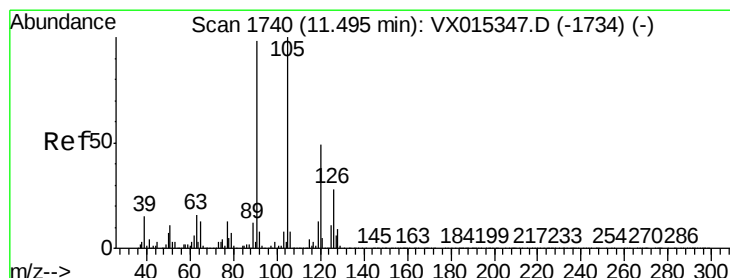
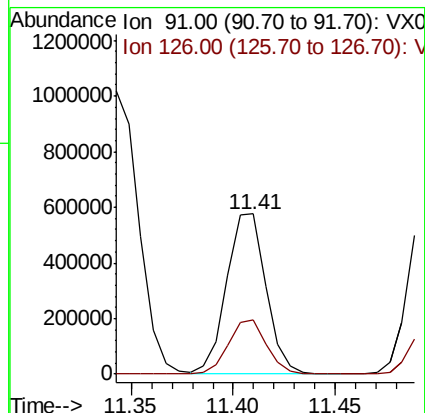
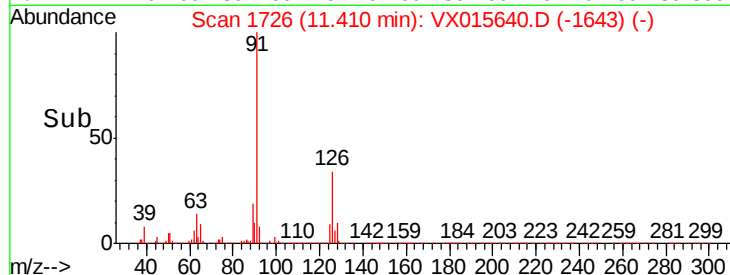
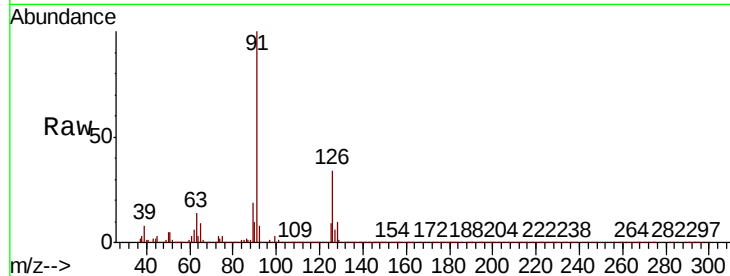
126 32.9 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.938 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015640.D

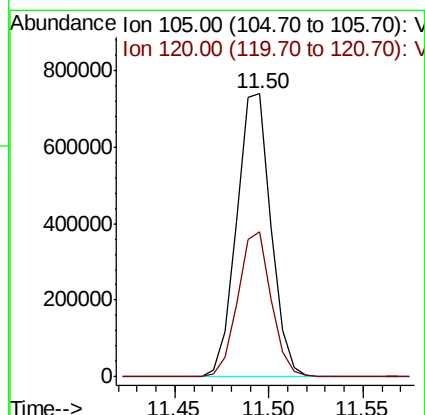
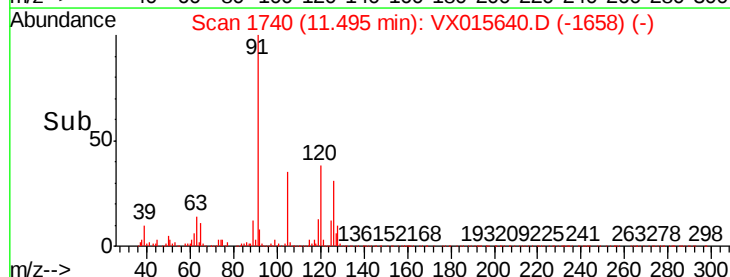
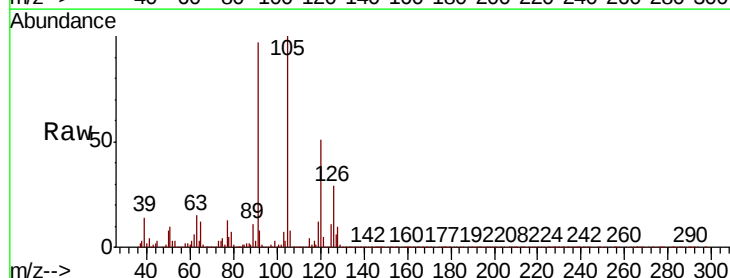
Acq: 10 Apr 2020 22:21

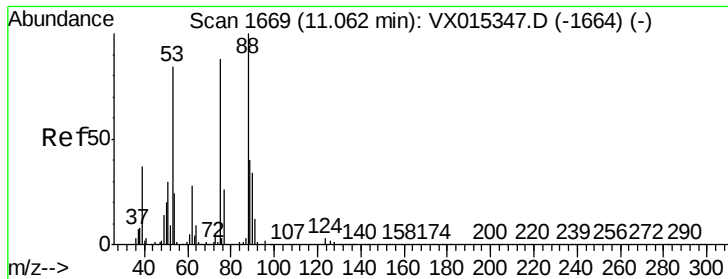
Tgt Ion: 105 Resp: 932313

Ion Ratio Lower Upper

105 100

120 50.0 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 15.813 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

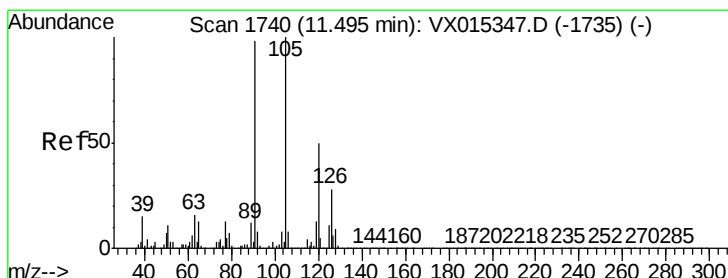
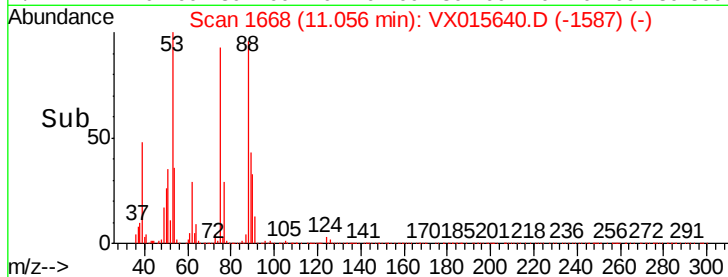
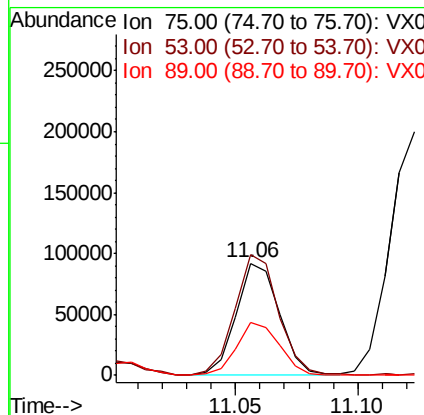
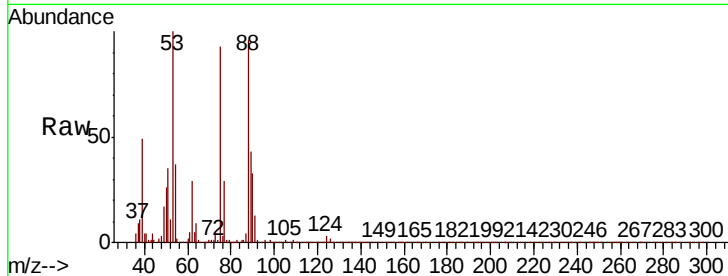
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	112529
Ion	Ratio	Lower	Upper
75	100		
53	107.3	47.5	142.6
89	46.3	22.8	68.3

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#78

4-Chlorotoluene

Concen: 20.352 ug/l

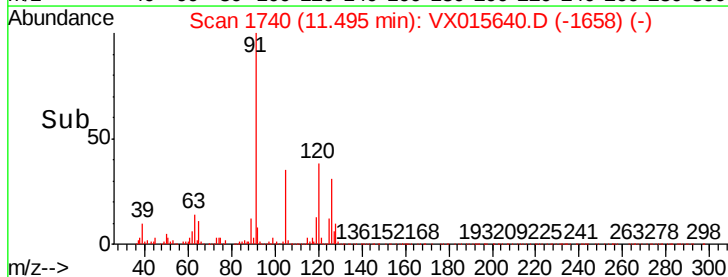
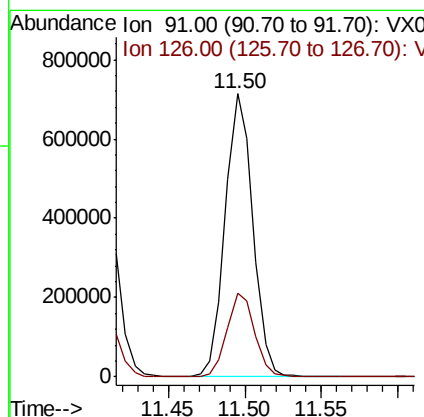
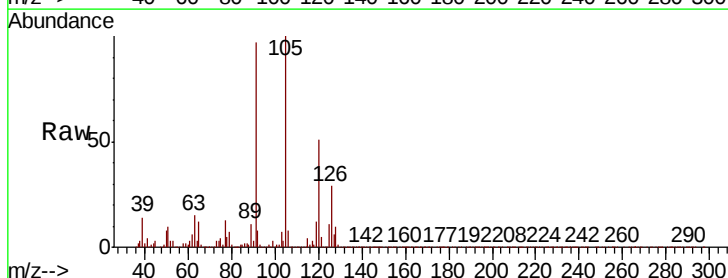
RT: 11.50 min Scan# 1740

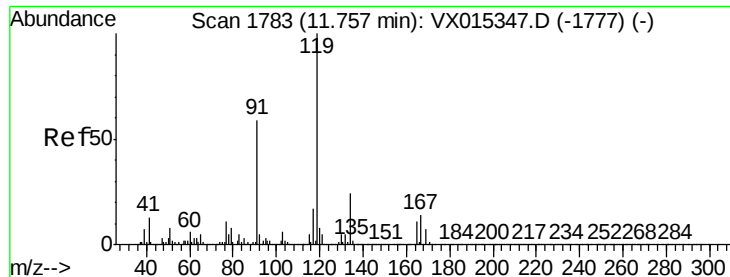
Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	91	Resp:	894372
Ion	Ratio	Lower	Upper
91	100		
126	29.5	0.0	57.8





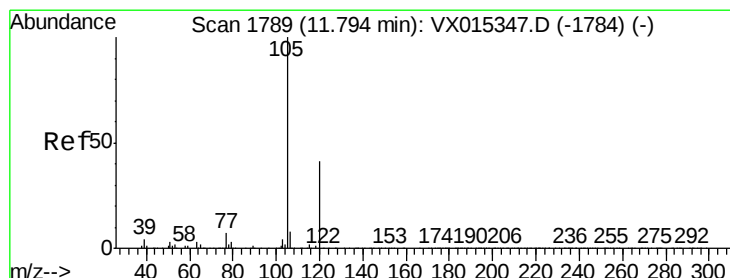
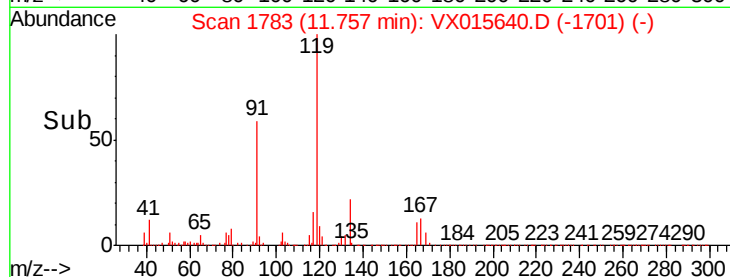
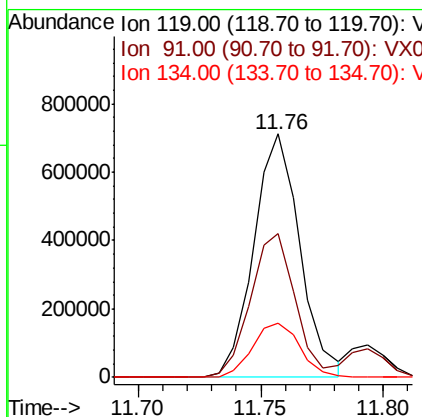
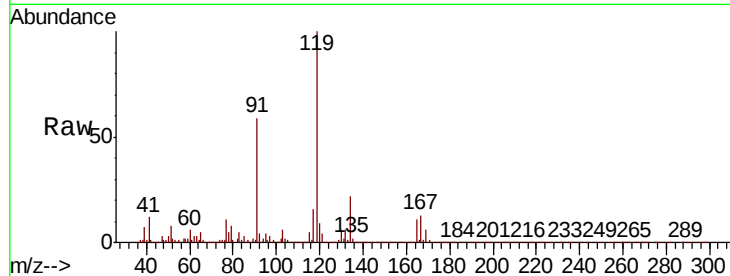
#79
tert-butylbenzene
Concen: 20.049 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	119	Resp:	937007
Ion Ratio	Lower	Upper	
119	100		
91	56.9	0.0	115.8
134	23.2	0.0	47.0

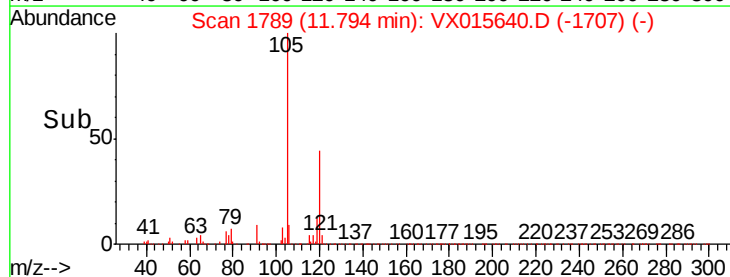
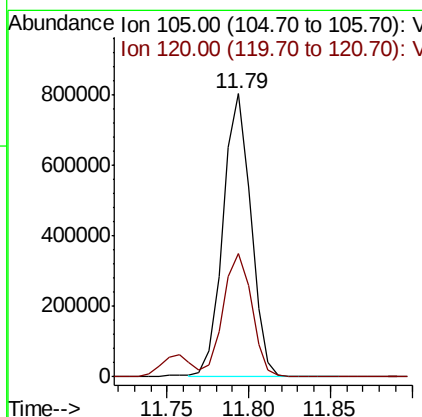
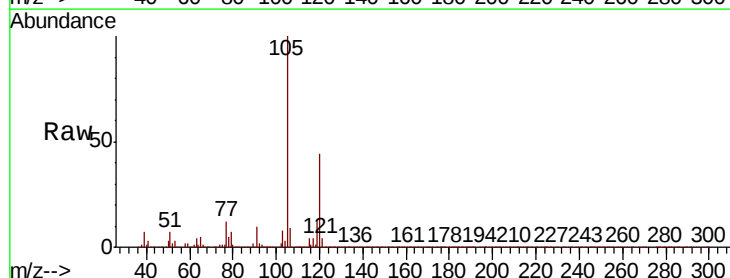
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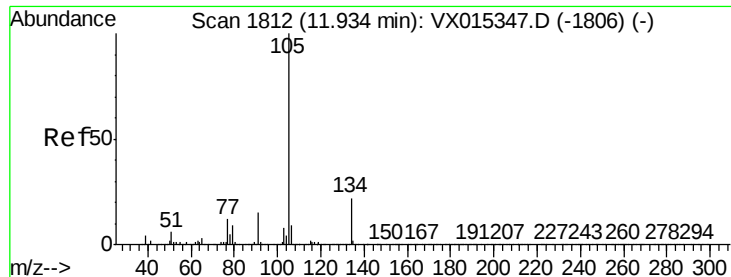
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#80
1,2,4-Trimethylbenzene
Concen: 20.096 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion:	105	Resp:	951927
Ion Ratio	Lower	Upper	
105	100		
120	44.9	0.0	91.0





#81

sec-Butylbenzene

Concen: 19.846 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 1063979

Ion Ratio Lower Upper

105 100

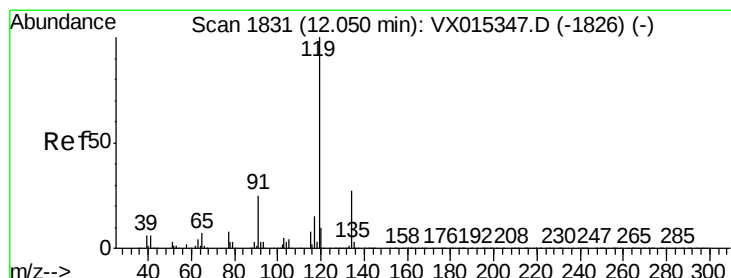
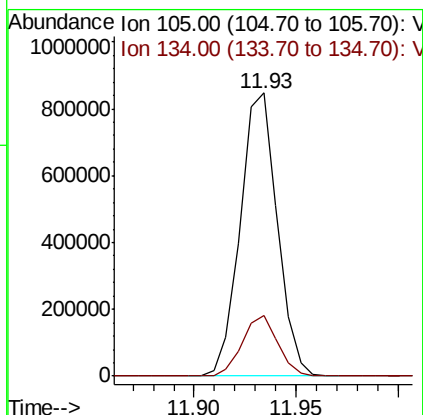
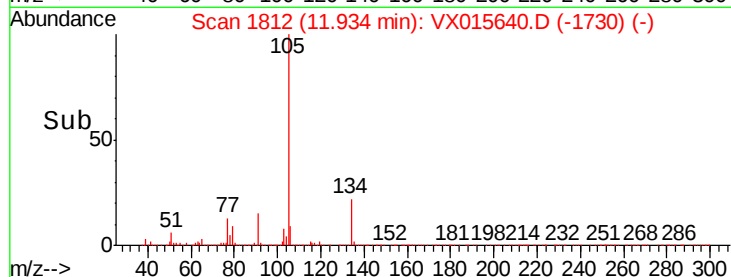
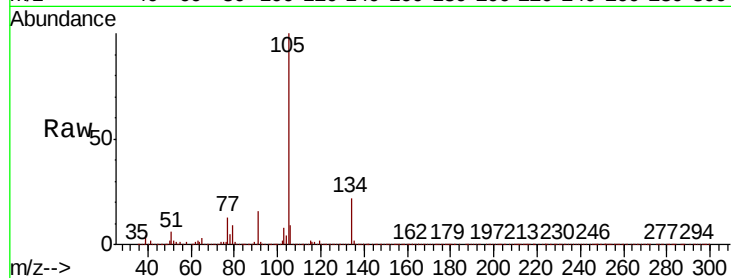
134 20.9 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 19.646 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

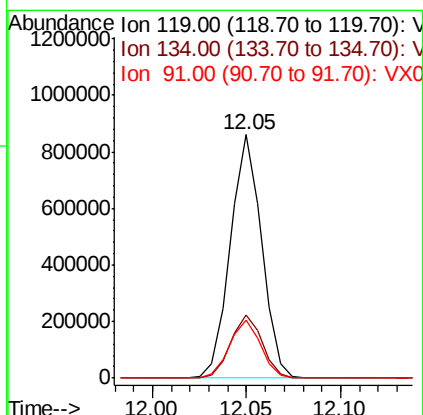
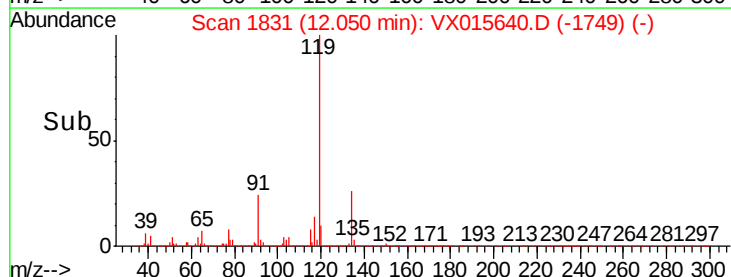
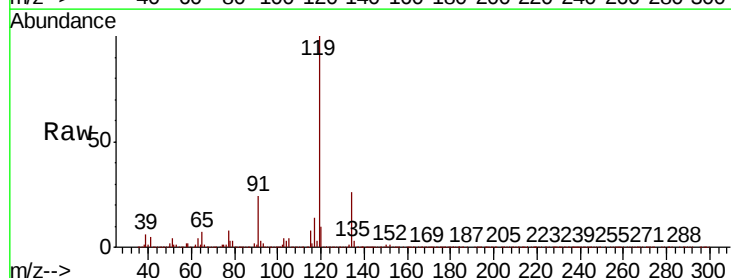
Tgt Ion:119 Resp: 992695

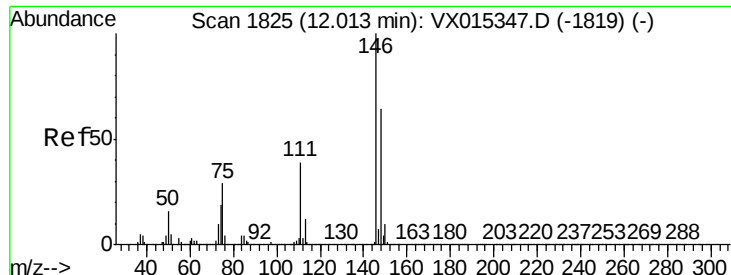
Ion Ratio Lower Upper

119 100

134 26.2 0.0 53.2

91 23.8 0.0 48.2





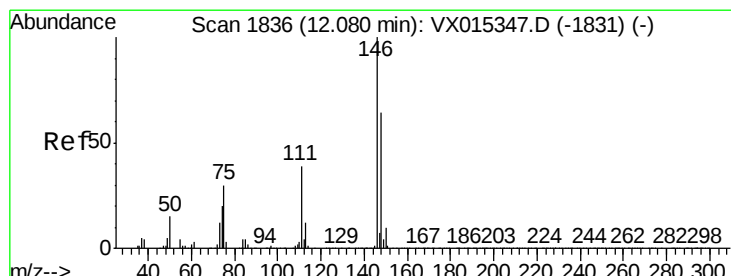
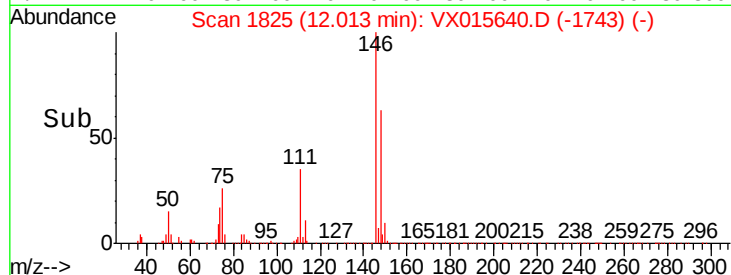
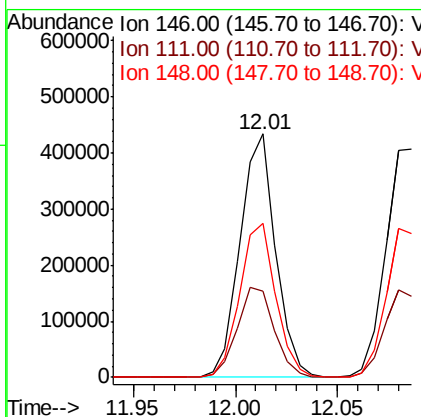
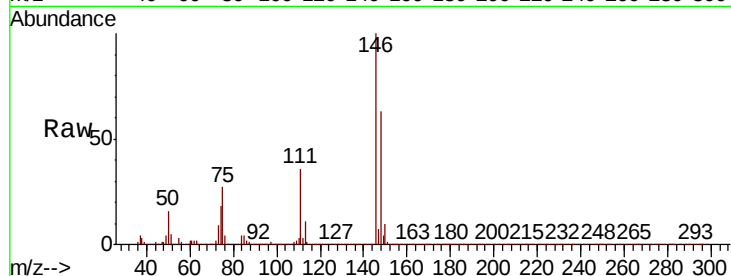
#83
 1,3-Dichlorobenzene
 Concen: 19.987 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	64.3	31.4	94.2

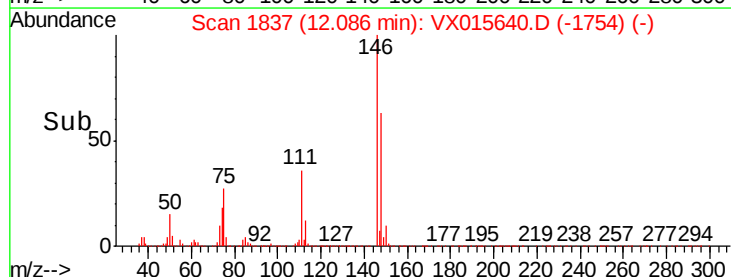
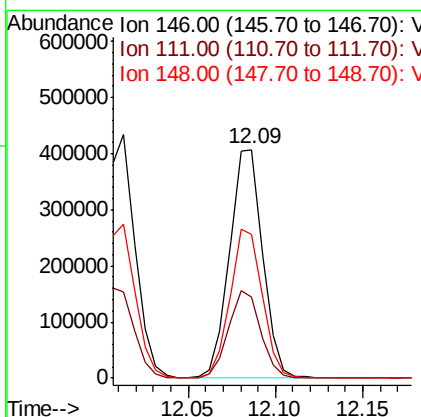
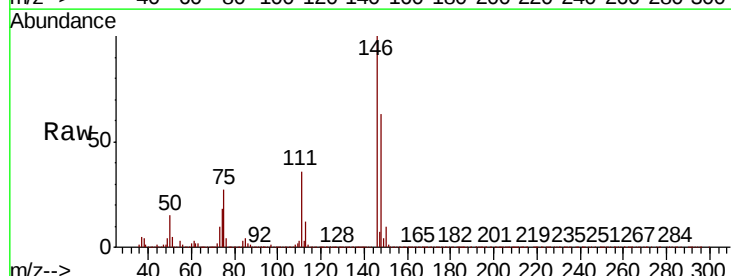
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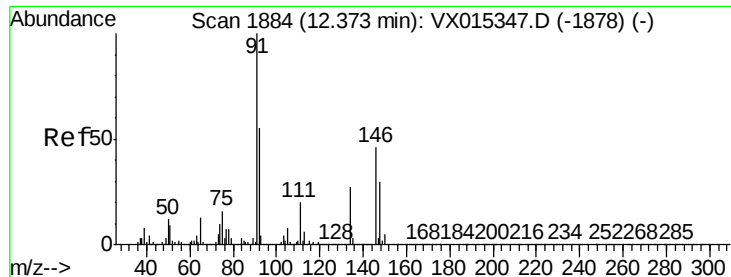
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#84
 1,4-Dichlorobenzene
 Concen: 20.472 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	63.3	31.4	94.3





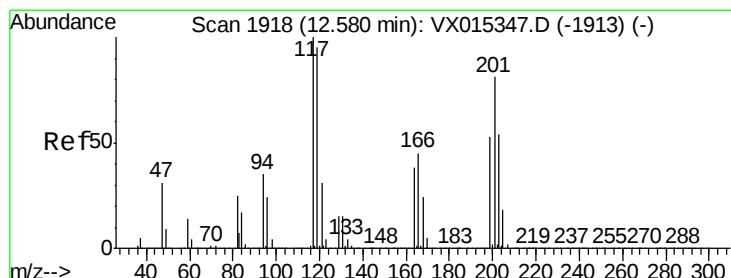
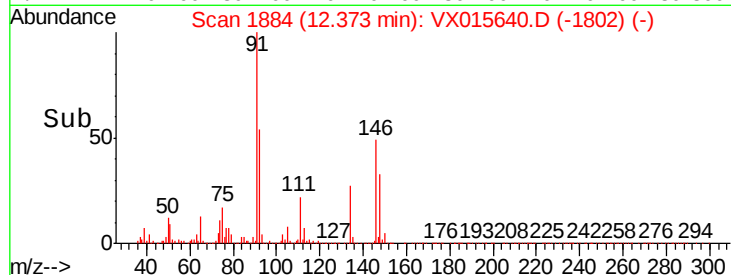
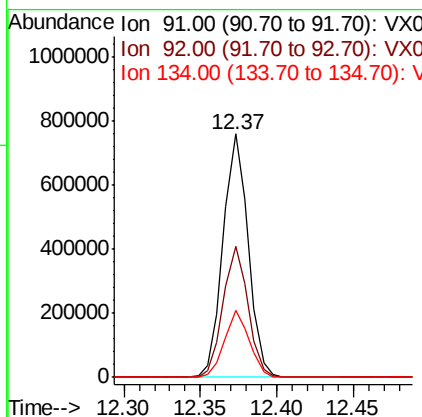
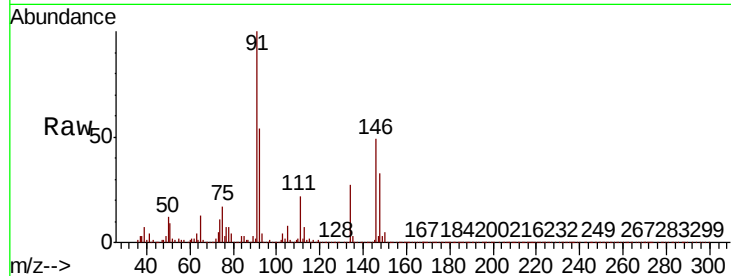
#85
n-Butylbenzene
Concen: 19.180 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	863839		
92	53.7	0.0	109.0	
134	26.8	0.0	54.0	

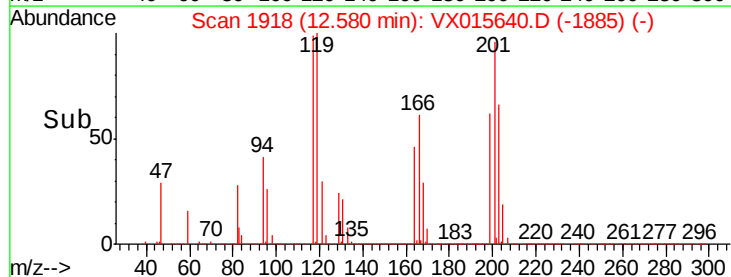
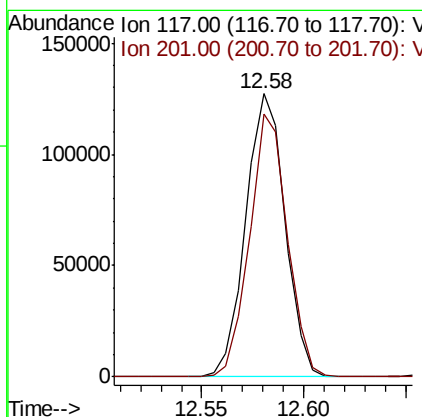
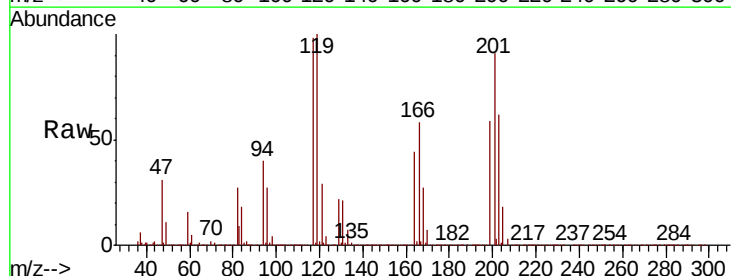
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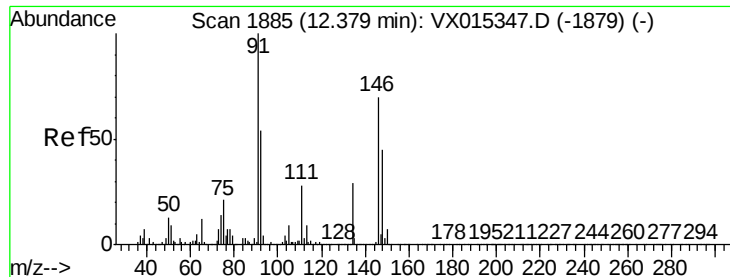
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#86
Hexachloroethane
Concen: 17.342 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169361		
201	89.7	44.9	134.5	





#87

1,2-Dichlorobenzene

Concen: 20.080 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

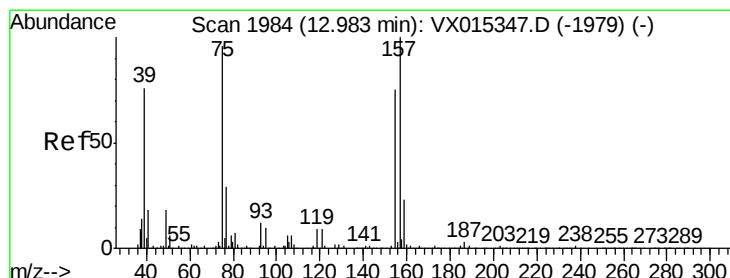
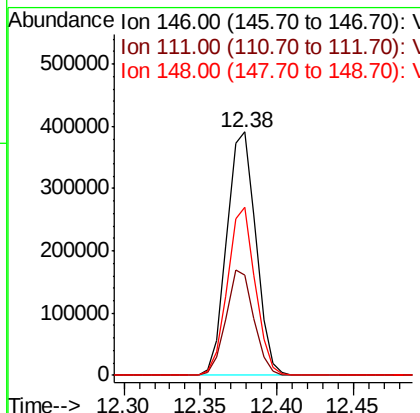
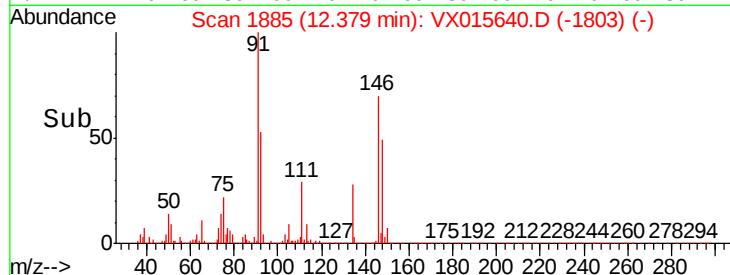
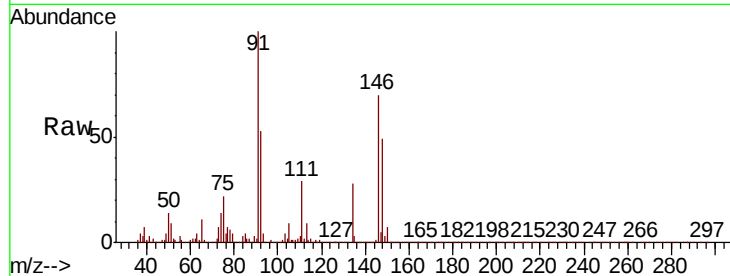
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	514899
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.4	61.2
148	65.8	31.9	95.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.785 ug/l

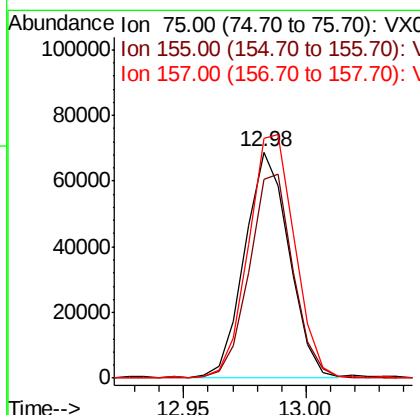
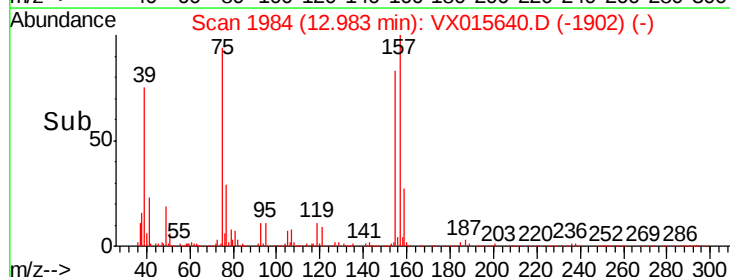
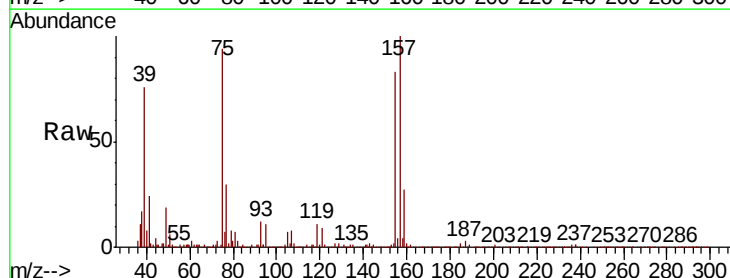
RT: 12.98 min Scan# 1984

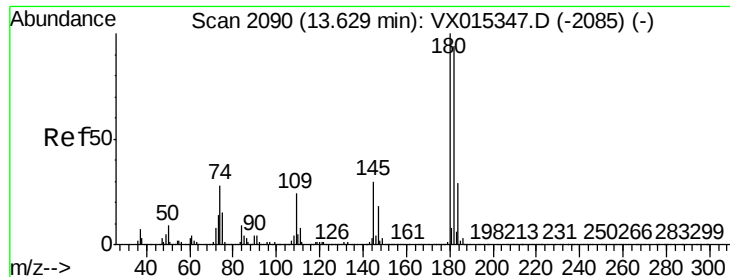
Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	75	Resp:	87324
Ion Ratio	Lower	Upper	
75	100		
155	89.1	67.7	101.5
157	111.8	88.5	132.7





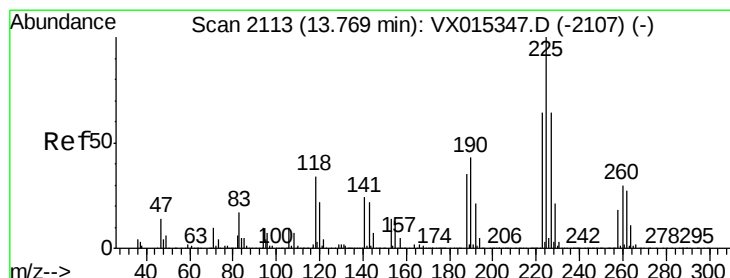
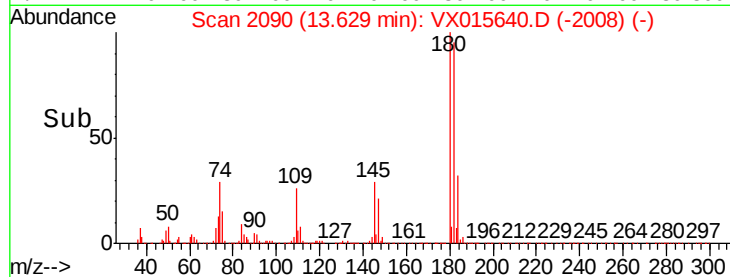
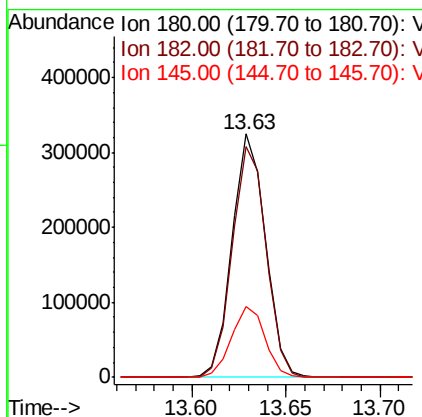
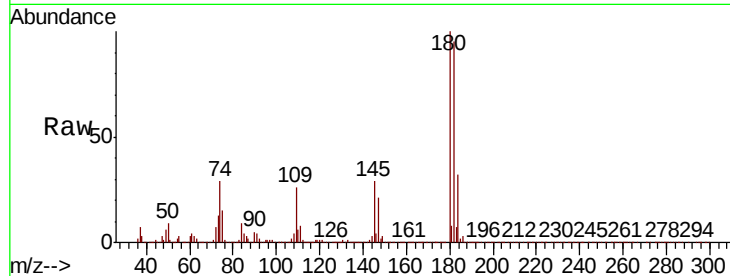
#89
 1,2,4-Trichlorobenzene
 Concen: 19.374 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	400201		
182	95.7	76.9	115.3	
145	29.0	24.3	36.5	

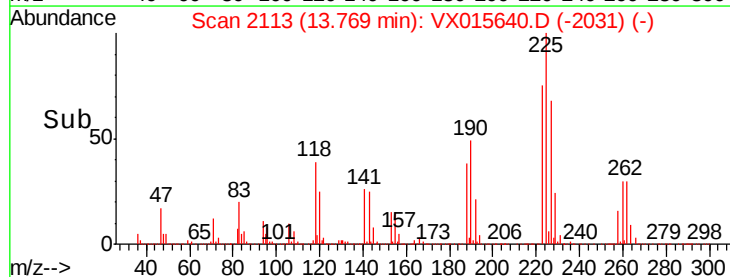
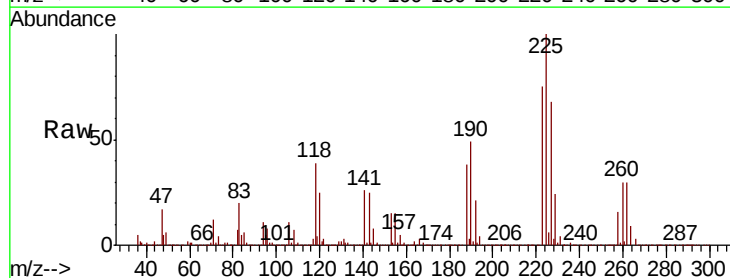
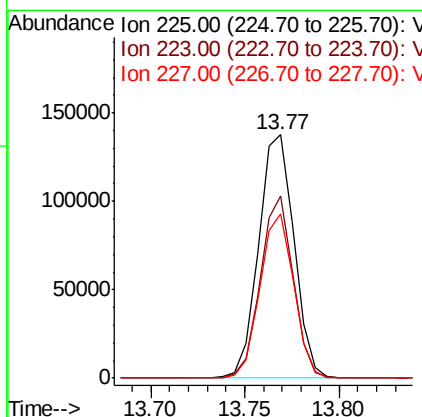
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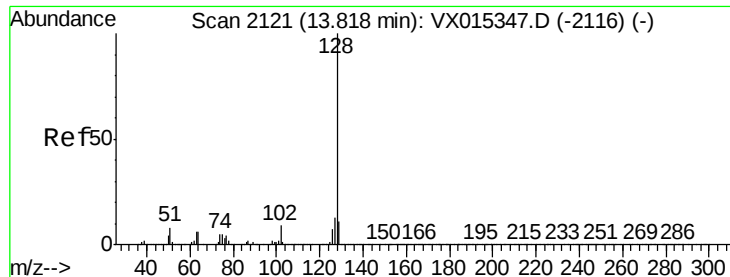
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#90
 Hexachlorobutadiene
 Concen: 16.448 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178977		
223	69.3	0.0	127.0	
227	64.6	0.0	126.8	





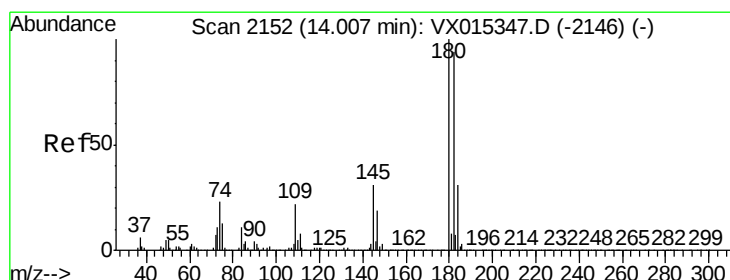
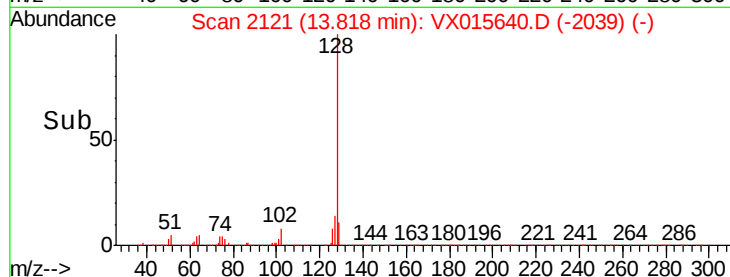
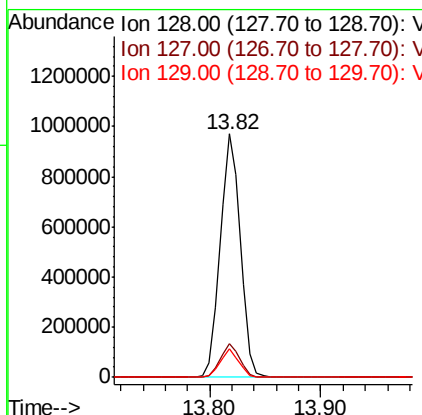
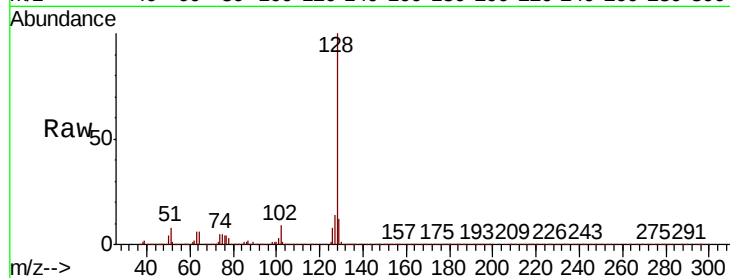
#91
Naphthalene
Concen: 20.219 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.8	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.135 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	0.0	191.0
145	30.7	0.0	62.2

