

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032520\
 Data File : VX015348.D
 Acq On : 25 Mar 2020 18:54
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
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 3/26/2020 11:01:16 AM

Quant Time: Mar 26 02:26:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:14:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	195100	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1099981	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1003273	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	456724	33.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	112.97%
60) 4-Bromofluorobenzene	11.12	95	508487	31.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.23%
63) Toluene-d8	8.70	98	1270605	29.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	443759	46.185	ug/l 99
3) Chloromethane	1.31	50	566453	42.462	ug/l 99
4) Vinyl Chloride	1.39	62	545080	40.271	ug/l 100
5) Bromomethane	1.62	94	326654	36.756	ug/l 98
6) Chloroethane	1.71	64	343436	40.295	ug/l 98
7) Trichlorofluoromethane	1.92	101	783122	44.462	ug/l 95
8) Diethyl Ether	2.17	74	302785	39.722	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	520170	47.243	ug/l 98
10) 1,1-Dichloroethene	2.36	96	525374	47.306	ug/l 96
11) Methyl Iodide	2.49	142	780912	63.723	ug/l 97
12) Methyl Acetate	2.75	43	776502	54.337	ug/l 96
13) Acrolein	2.27	56	500135	229.528	ug/l 95
14) Acrylonitrile	3.12	53	1675566	255.079	ug/l 100
15) Acetone	2.42	58	428482	236.447	ug/l 86
16) Carbon Disulfide	2.55	76	1539993	48.300	ug/l 99
17) Allyl chloride	2.71	41	1195180	55.136	ug/l 98
18) Methylene Chloride	2.84	84	596520	47.056	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	568436	46.628	ug/l 99
20) Diisopropyl ether	3.83	45	2149249	50.896	ug/l 97
21) 1,1-Dichloroethane	3.67	63	1099196	49.508	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	662437	48.432	ug/l 99
23) tert-Butyl Alcohol	3.01	59	826884	304.188	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1980864	52.988	ug/l 99
25) Chloroform	5.18	83	1084257	51.587	ug/l 97
26) Cyclohexane	5.56	56	1030938	50.050	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	830068	49.482	ug/l 99
30) 2-Butanone	4.64	43	2499842	271.785	ug/l 100
31) 2,2-Dichloropropane	4.55	77	989269	54.964	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	1014837	54.325	ug/l 99
33) Carbon Tetrachloride	5.76	117	917356	56.541	ug/l 97
34) Benzene	6.12	78	2393070	47.604	ug/l 99
35) Methacrylonitrile	5.01	41	558103	55.072	ug/l 95
36) 1,2-Dichloroethane	6.17	62	934209	54.043	ug/l 99
37) Trichloroethene	7.19	130	667017	47.447	ug/l 97
38) Methylcyclohexane	7.44	83	1010481	48.838	ug/l 98
39) 1,2-Dichloropropane	7.50	63	639452	48.462	ug/l 98
40) Dibromomethane	7.64	93	426476	50.554	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	926154	54.101	ug/l	98
42) Vinyl Acetate	3.79	43	9691999	264.566	ug/l	100
43) Ethyl Acetate	4.80	43	1007292	56.577	ug/l	98
44) Isopropyl Acetate	6.42	43	1755754	58.381	ug/l	99
45) 1,4-Dioxane	7.72	88	324161	1094.130	ug/l	98
46) Methyl methacrylate	7.75	41	876470	58.504	ug/l	99
47) n-amyl Acetate	10.88	43	1498838	55.986	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	1077147	57.104	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	1110640	53.174	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	608171	48.987	ug/l	98
51) Ethyl methacrylate	9.16	69	1054717	53.385	ug/l	98
52) 1,3-Dichloropropane	9.36	76	1058015	50.077	ug/l	99
53) Dibromochloromethane	9.57	129	747352	54.675	ug/l	98
54) 1,2-Dibromoethane	9.65	107	647496	50.191	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	2513475	255.071	ug/l	99
56) Bromoform	10.84	173	608956	56.745	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	4869705	273.964	ug/l	100
59) 2-Hexanone	9.48	43	3698074	275.565	ug/l	99
61) Tetrachloroethene	9.32	164	643949	46.668	ug/l	98
62) Toluene	8.77	91	2558823	48.144	ug/l	99
64) Chlorobenzene	10.12	112	1639059	48.854	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	663651	52.700	ug/l	99
66) Ethyl Benzene	10.24	91	2951156	49.942	ug/l	99
67) m/p-Xylenes	10.34	106	2207720	97.786	ug/l	97
68) o-Xylene	10.68	106	1079110	49.589	ug/l	98
69) Styrene	10.70	104	1885719	49.835	ug/l	99
70) Isopropylbenzene	11.00	105	2866385	49.613	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	907386	48.437	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	860973m	54.721	ug/l	
73) Bromobenzene	11.24	156	770042	49.170	ug/l	96
74) n-propylbenzene	11.35	91	3309097	48.390	ug/l	99
75) 2-Chlorotoluene	11.41	91	1982558	49.372	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	2459206	49.563	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	366802	54.625	ug/l	99
78) 4-Chlorotoluene	11.49	91	2302266	49.855	ug/l	98
79) tert-butylbenzene	11.76	119	2425949	51.066	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	2497979	50.275	ug/l	99
81) sec-Butylbenzene	11.93	105	2830915	48.722	ug/l	100
82) p-Isopropyltoluene	12.05	119	2669584	49.957	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	1351432	48.321	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	1365530	48.654	ug/l	99
85) n-Butylbenzene	12.37	91	2382334	50.588	ug/l	99
86) Hexachloroethane	12.58	117	509912	53.401	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	1342007	49.092	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	241062	58.412	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	1071980	52.430	ug/l	97
90) Hexachlorobutadiene	13.77	225	539611	51.678	ug/l	98
91) Naphthalene	13.82	128	3188033	55.050	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	1064586	51.716	ug/l	100

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC050

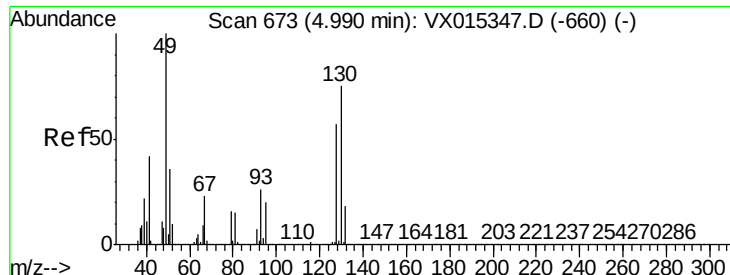
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
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QLast Update : Thu Mar 26 02:14:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

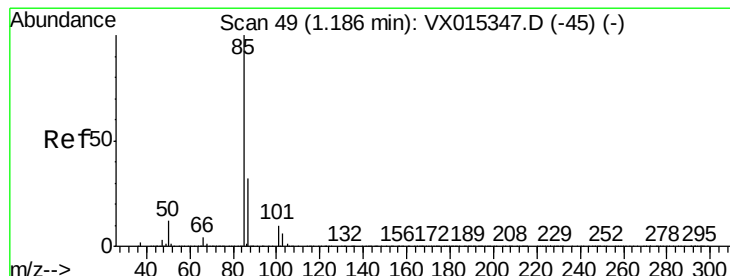
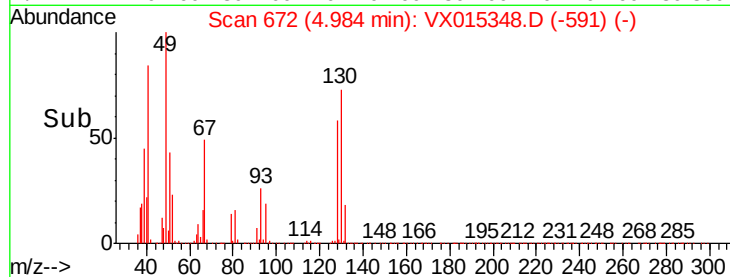
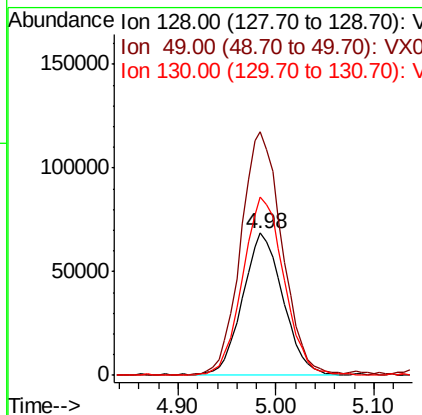
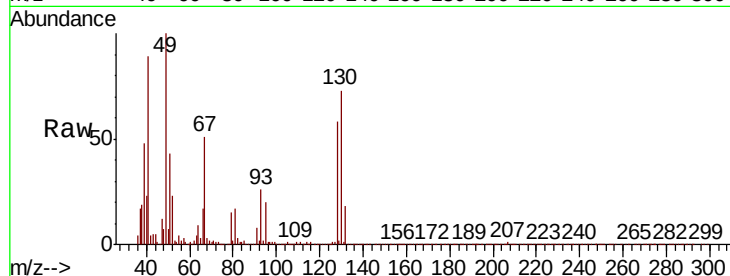
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	195100		
49	176.6	0.0	428.0	
130	128.8	0.0	324.5	

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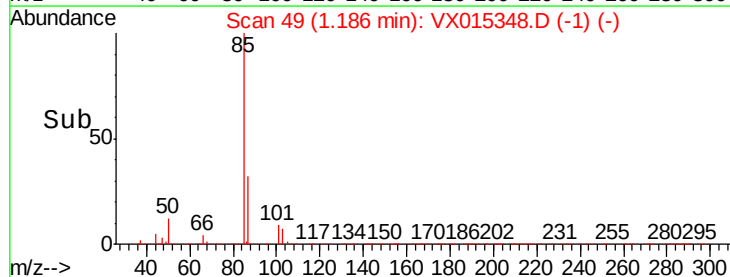
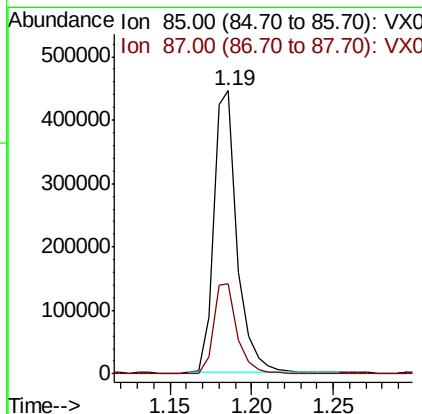
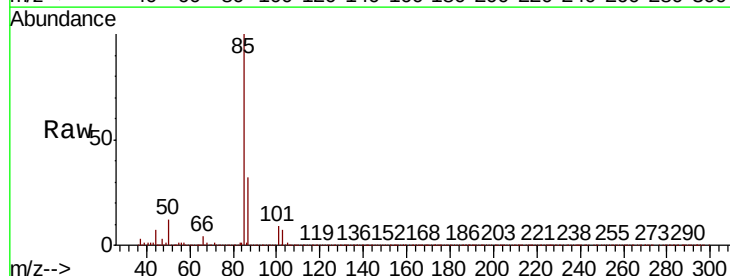
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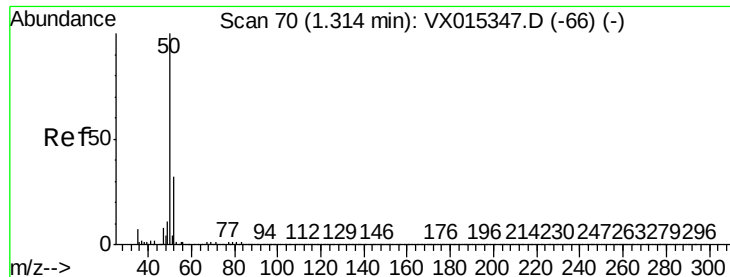


#2

Dichlorodifluoromethane
 Concen: 46.185 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	443759		
87	32.1	16.3	48.9	





#3

Chloromethane

Concen: 42.462 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 566453

Ion Ratio Lower Upper

50 100

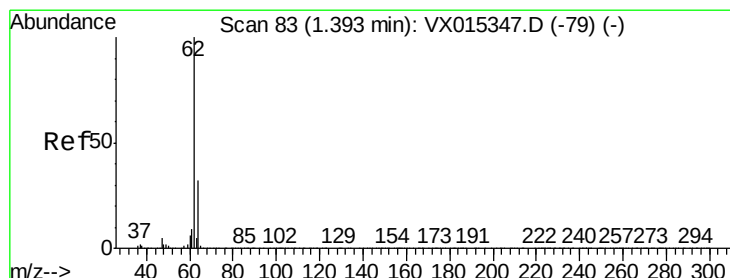
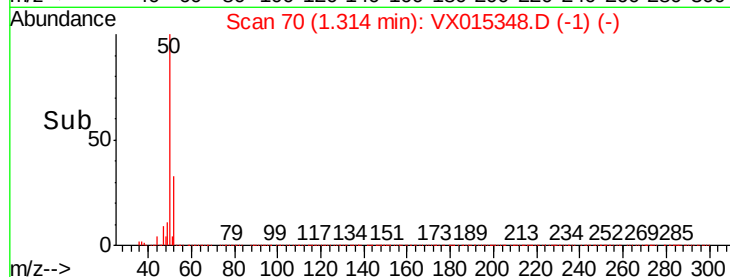
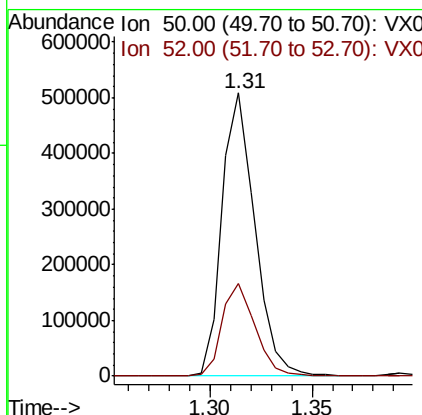
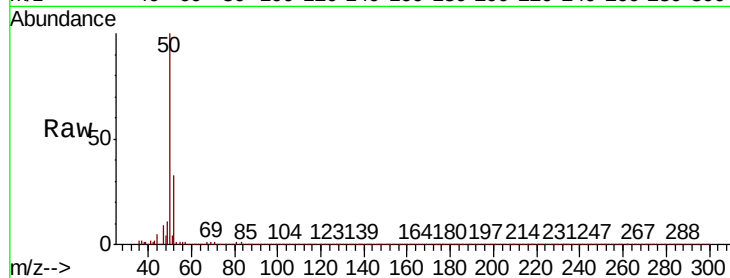
52 32.6 25.5 38.3

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#4

Vinyl Chloride

Concen: 40.271 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015348.D

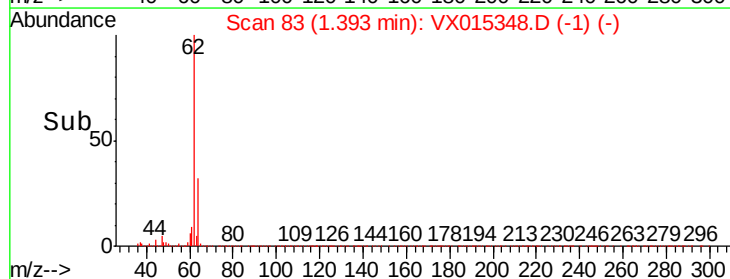
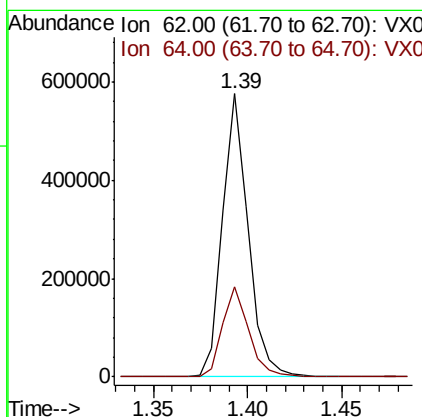
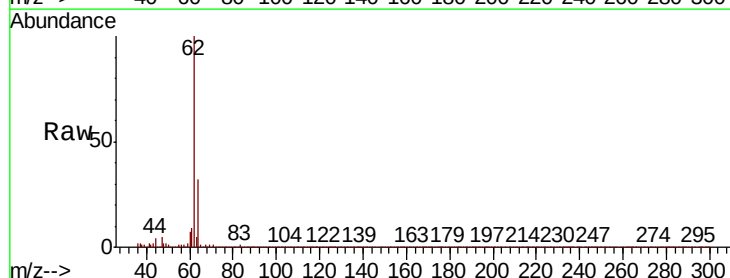
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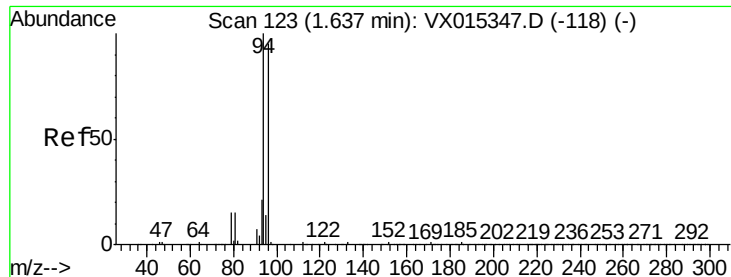
Tgt Ion: 62 Resp: 545080

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 36.756 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 326654

Ion Ratio Lower Upper

94 100

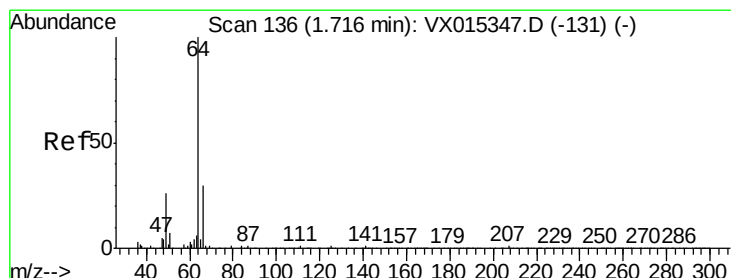
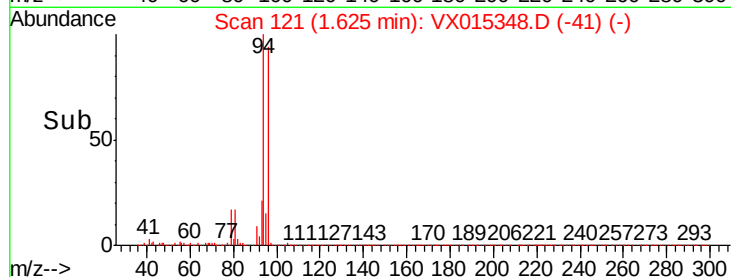
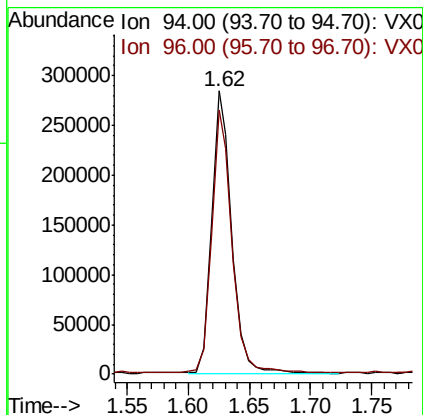
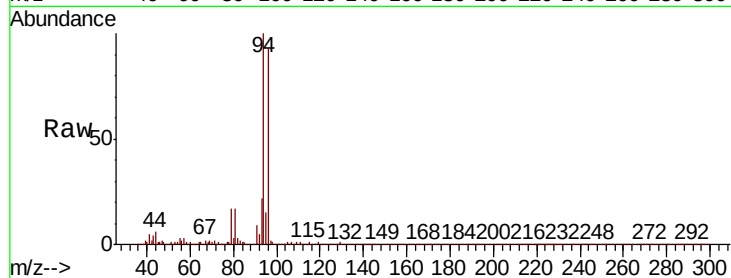
96 93.1 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 40.295 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX015348.D

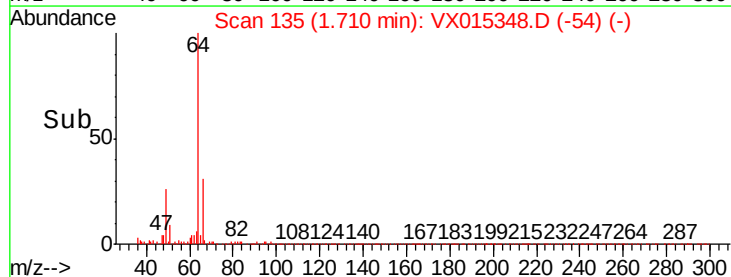
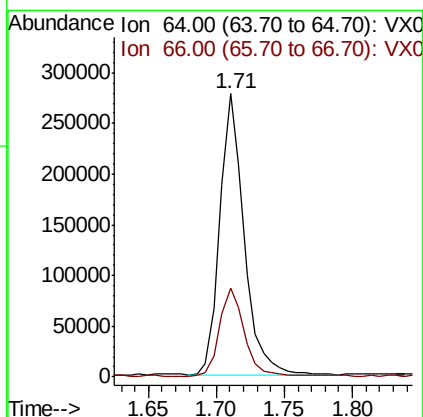
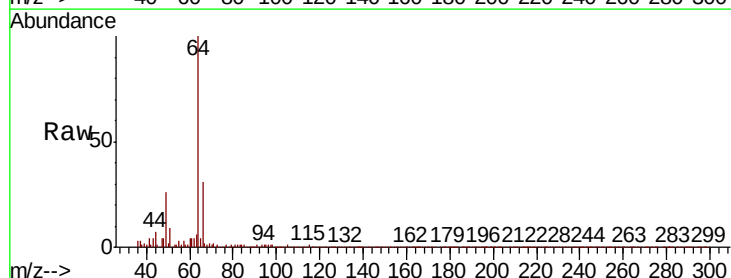
Acq: 25 Mar 2020 18:54

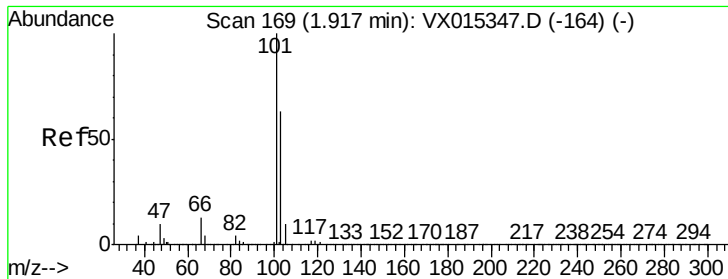
Tgt Ion: 64 Resp: 343436

Ion Ratio Lower Upper

64 100

66 31.4 24.3 36.5





#7

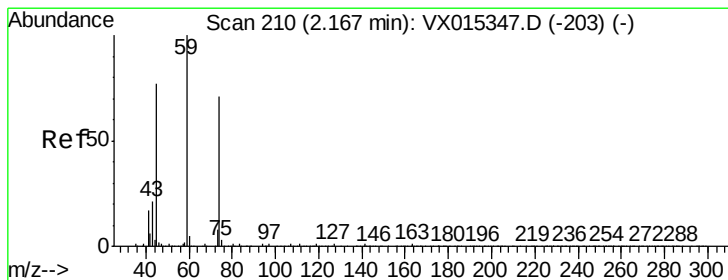
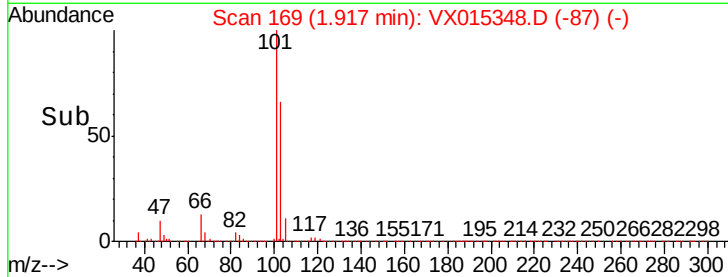
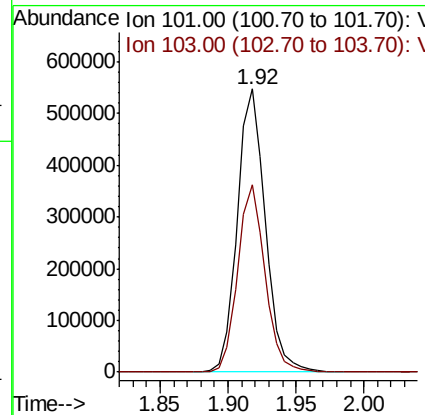
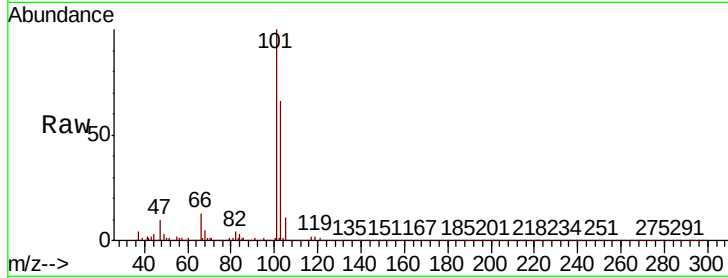
Trichlorofluoromethane
Concen: 44.462 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	49.9	74.9

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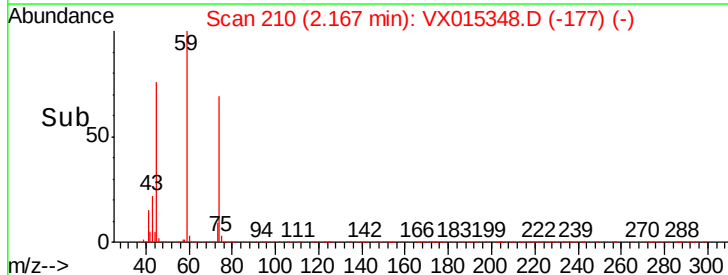
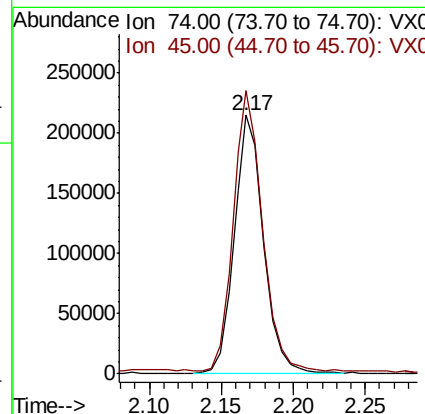
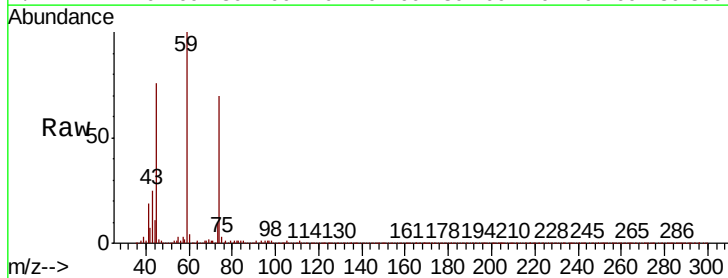
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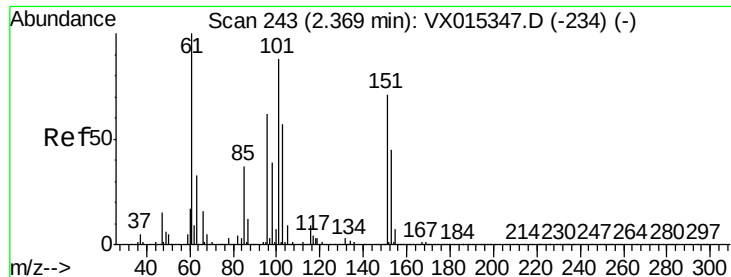


#8

Diethyl Ether
Concen: 39.722 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.243 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

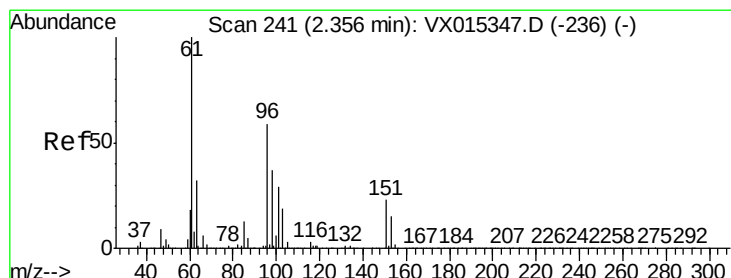
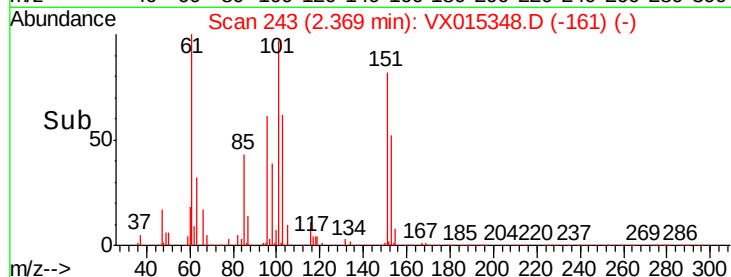
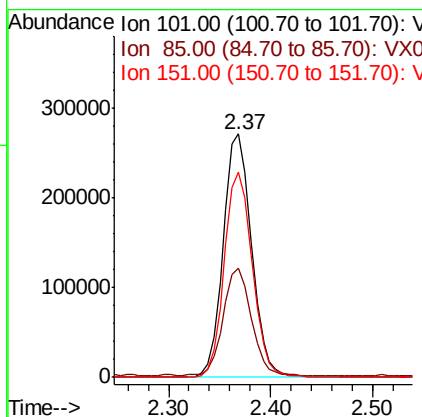
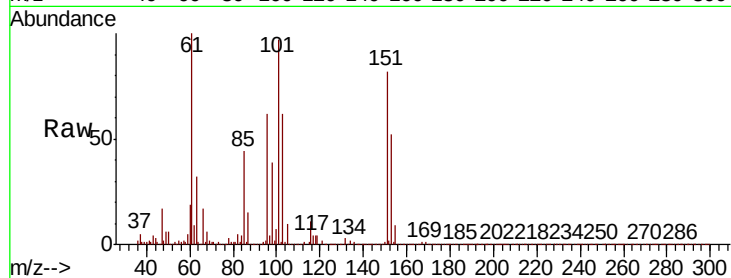
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	520170
Ion Ratio	Lower	Upper	
101	100		
85	43.8	0.0	85.8
151	83.8	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 47.306 ug/l

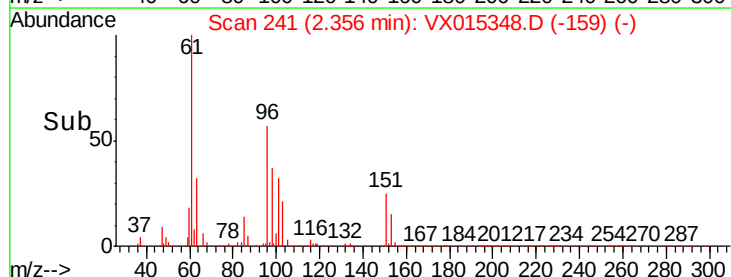
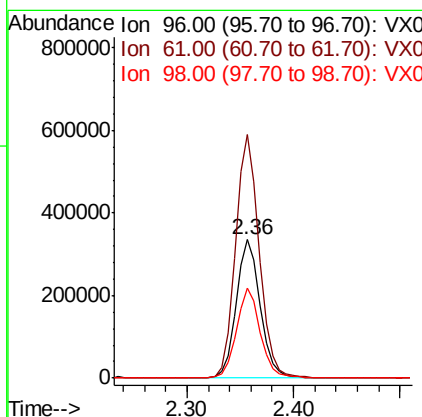
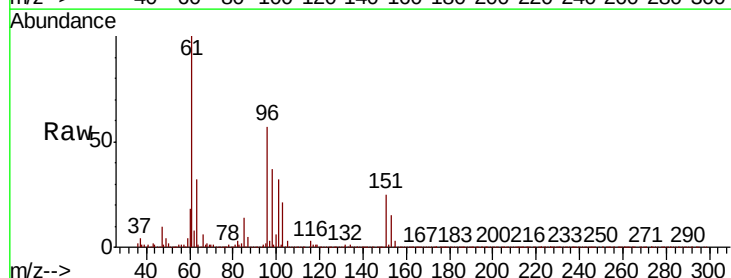
RT: 2.36 min Scan# 241

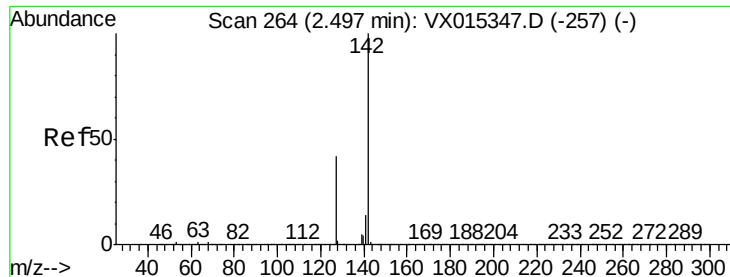
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	96	Resp:	525374
Ion Ratio	Lower	Upper	
96	100		
61	176.0	135.5	203.3
98	64.3	50.2	75.2





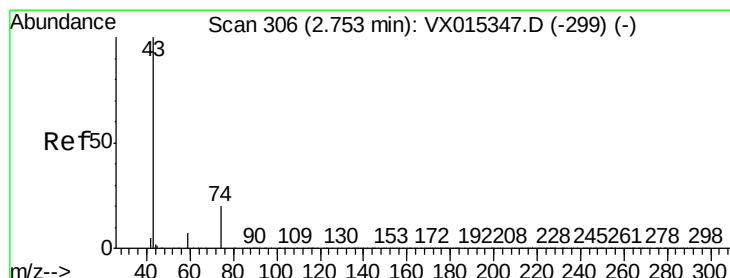
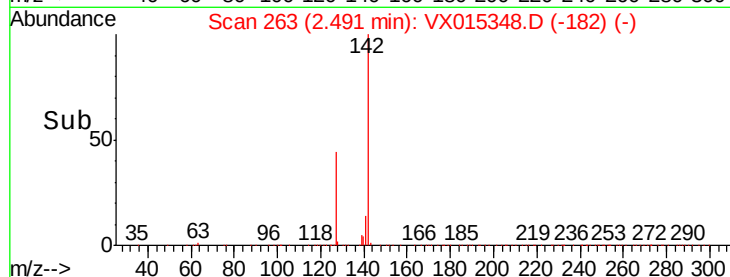
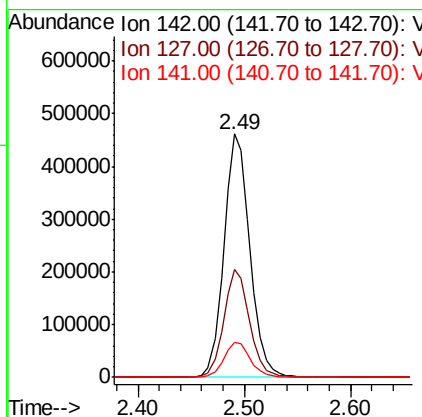
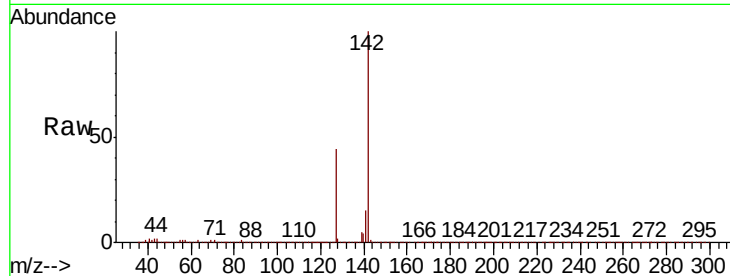
#11
Methyl Iodide
Concen: 63.723 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.4	21.0	63.0
141	14.5	6.9	20.7

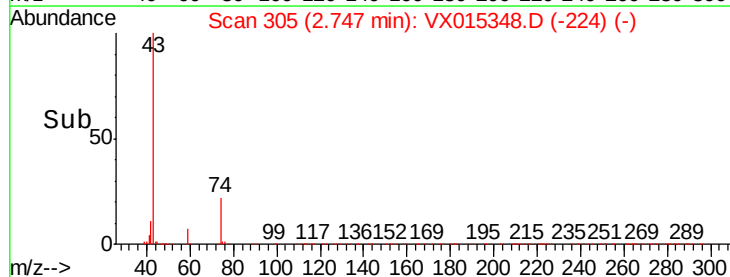
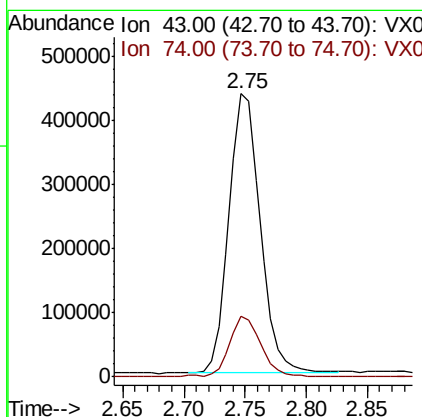
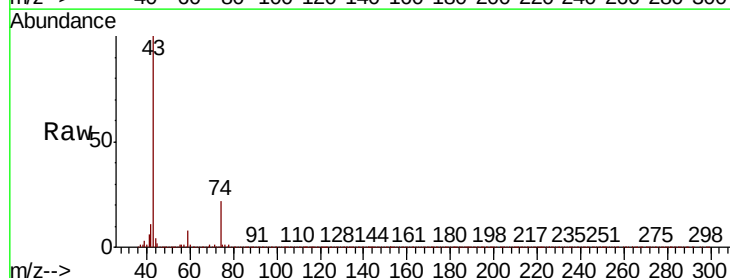
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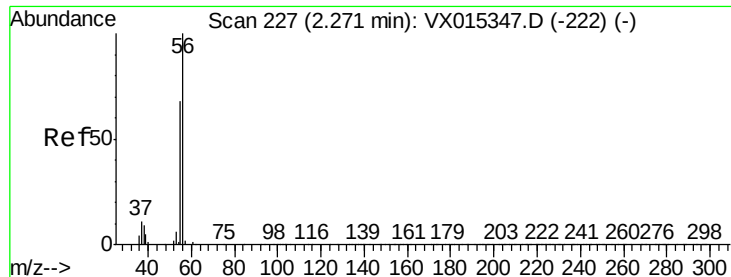
apatel
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#12
Methyl Acetate
Concen: 54.337 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	15.8	23.6





#13

Acrolein

Concen: 229.528 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 500135

Ion Ratio Lower Upper

56 100

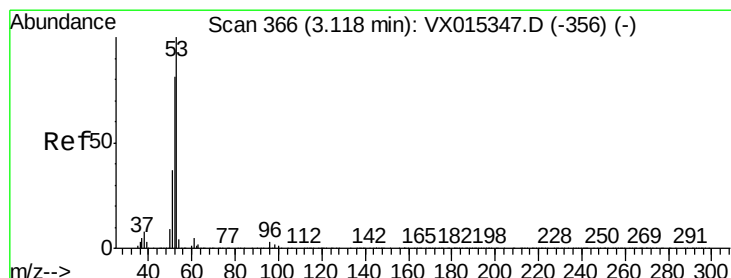
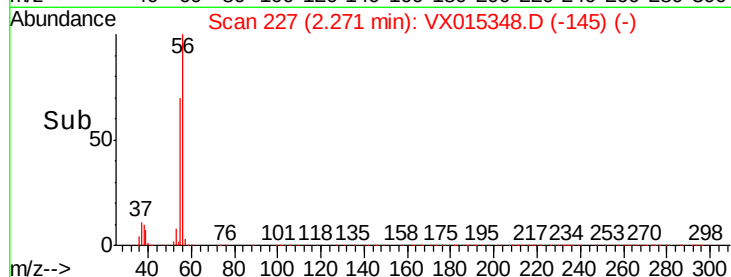
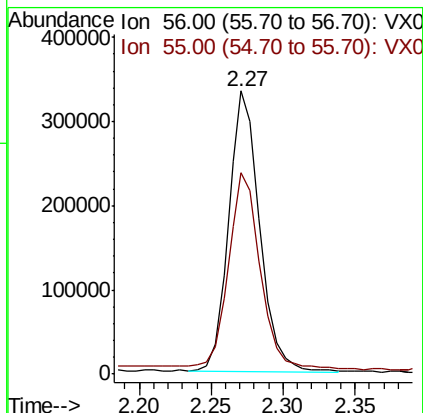
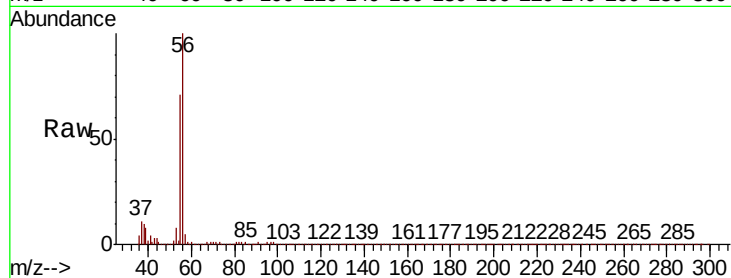
55 71.3 53.5 80.3

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#14

Acrylonitrile

Concen: 255.079 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

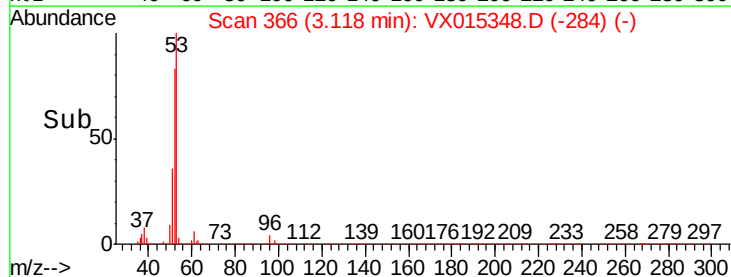
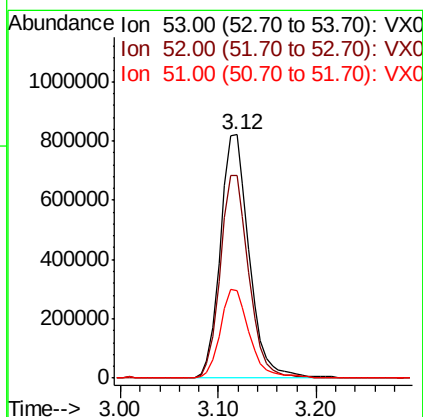
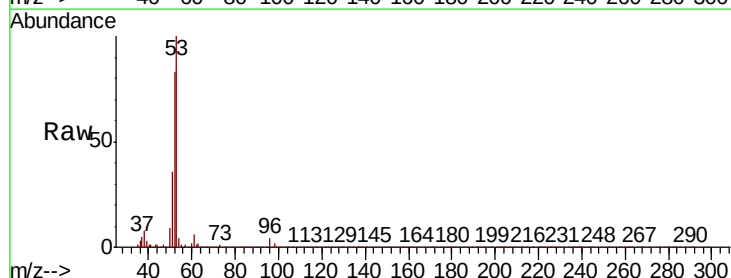
Tgt Ion: 53 Resp: 1675566

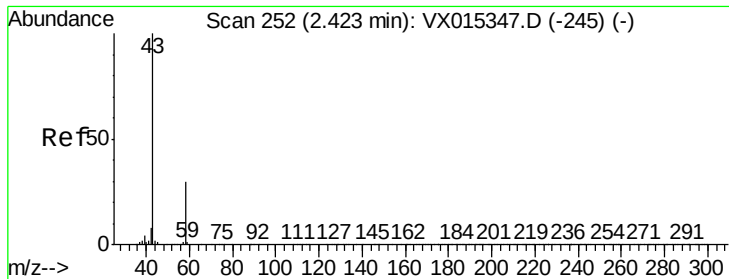
Ion Ratio Lower Upper

53 100

52 82.7 41.0 123.2

51 36.9 18.4 55.4





#15

Acetone

Concen: 236.447 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tot Ion: 58 Resp: 428482

Ion Ratio Lower Upper

58 100

43 364.9 267.8 401.8

Instrument :

MSVOA_X

ClientSampleId :

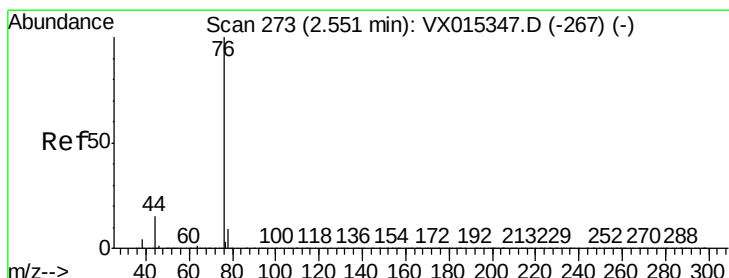
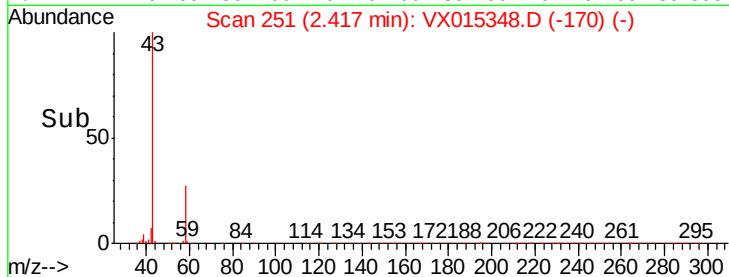
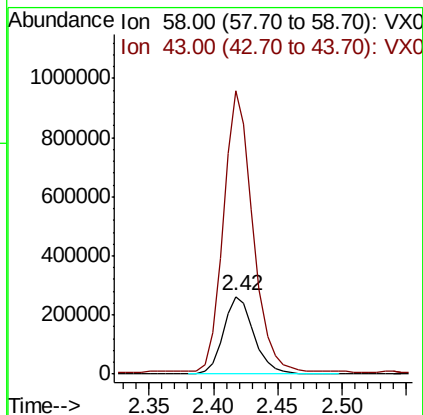
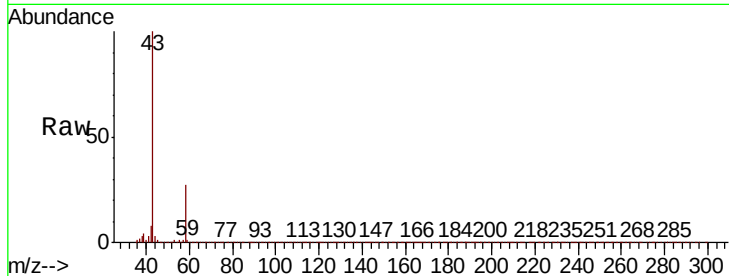
VSTDIC050

Manual Integrations

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#16

Carbon Disulfide

Concen: 48.300 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015348.D

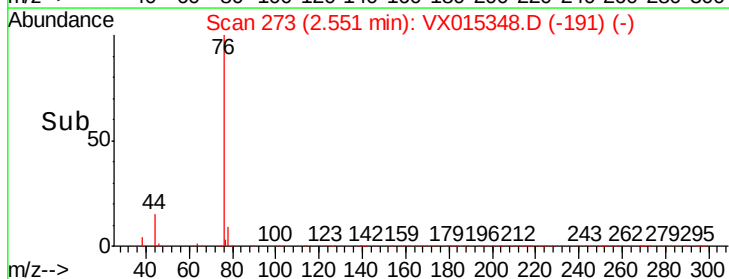
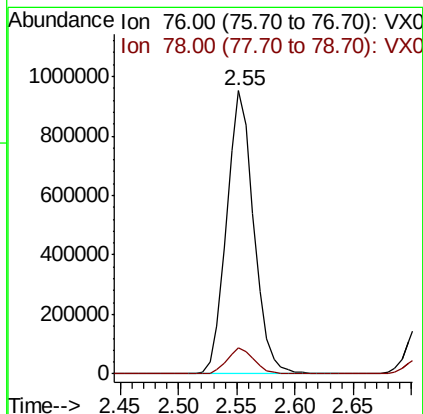
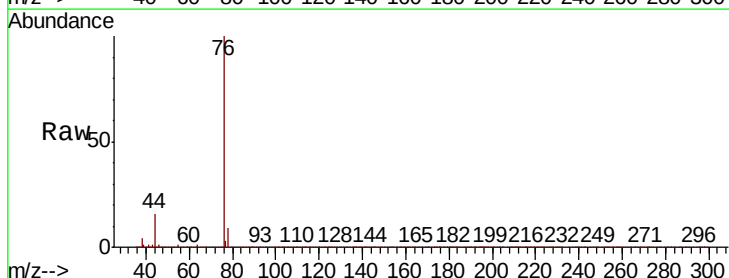
Acq: 25 Mar 2020 18:54

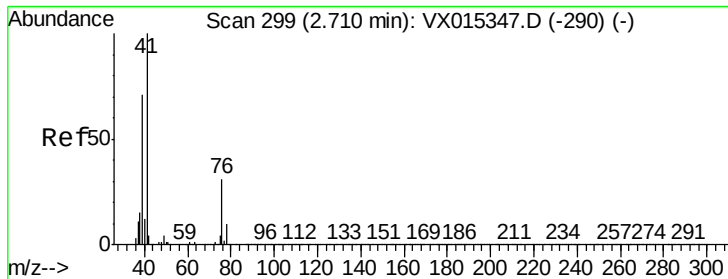
Tgt Ion: 76 Resp: 1539993

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





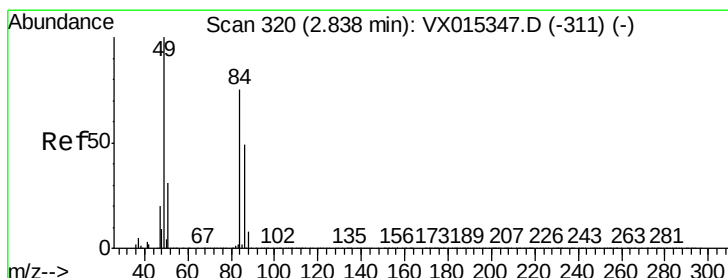
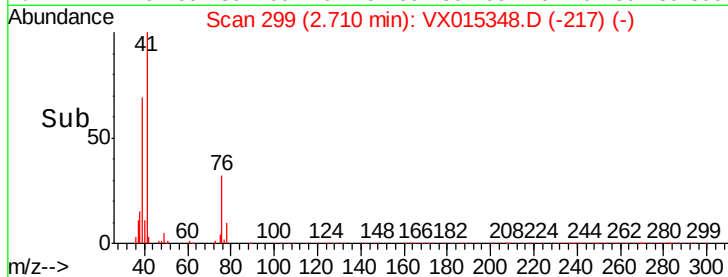
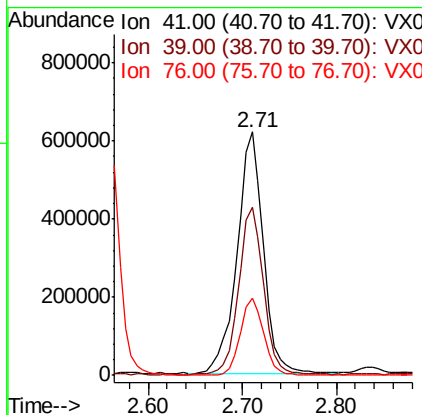
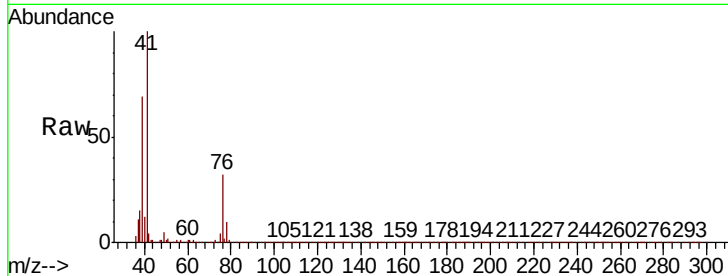
#17
Allvl chloride
Concen: 55.136 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:	41	Resp:	1195180
Ion	Ratio	Lower	Upper
41	100		
39	69.1	35.6	106.8
76	31.7	15.4	46.4

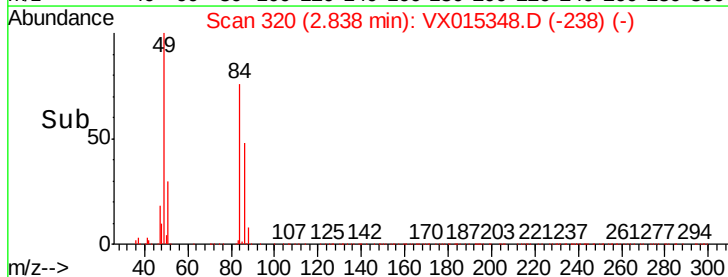
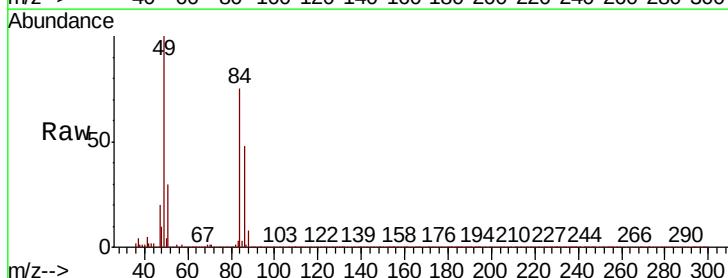
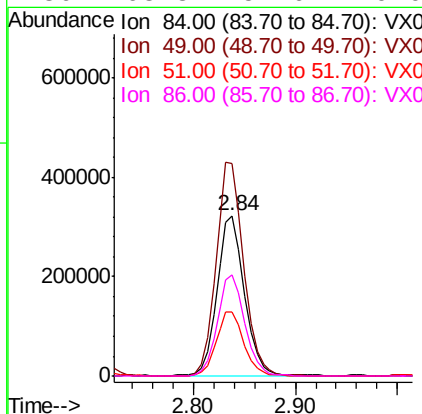
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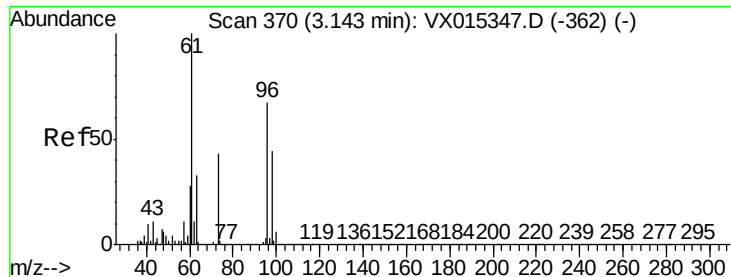
apatel
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#18
Methylene Chloride
Concen: 47.056 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion:	84	Resp:	596520
Ion	Ratio	Lower	Upper
84	100		
49	132.9	107.0	160.4
51	39.6	33.4	50.0
86	63.3	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 46.628 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

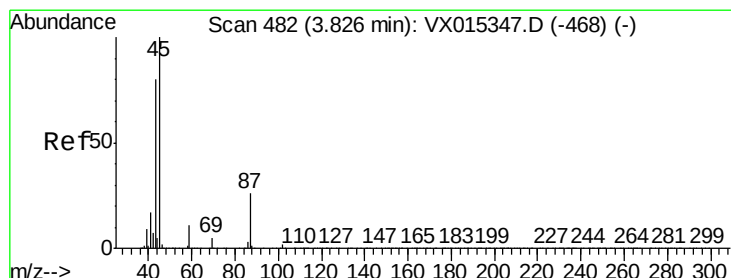
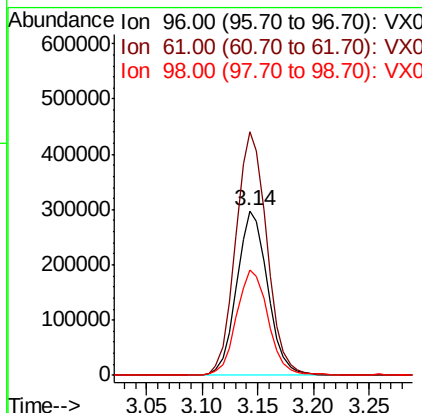
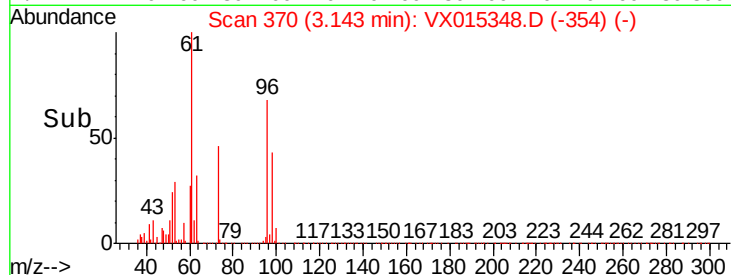
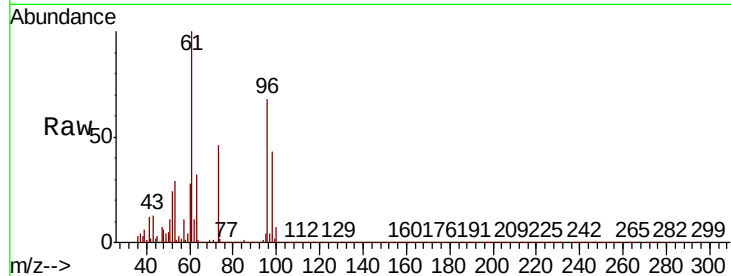
ClientSampleId :

VSTDIC050

Tot Ion:	96	Resp:	568436
Ion	Ratio	Lower	Upper
96	100		
61	147.9	118.2	177.2
98	63.7	51.9	77.9

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#20

Diisopropyl ether

Concen: 50.896 ug/l

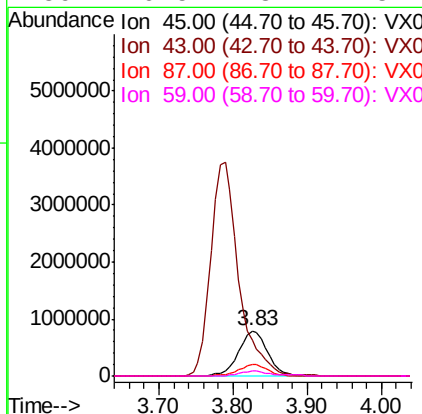
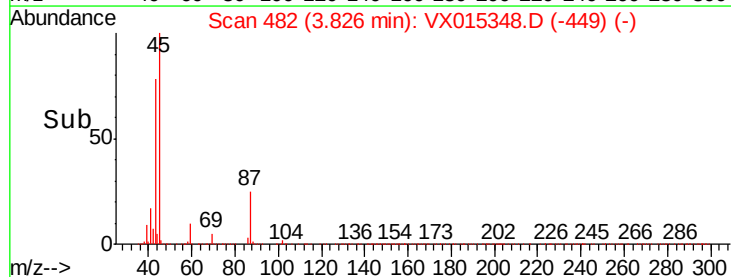
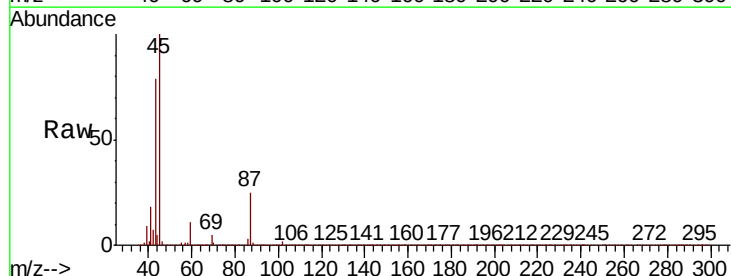
RT: 3.83 min Scan# 482

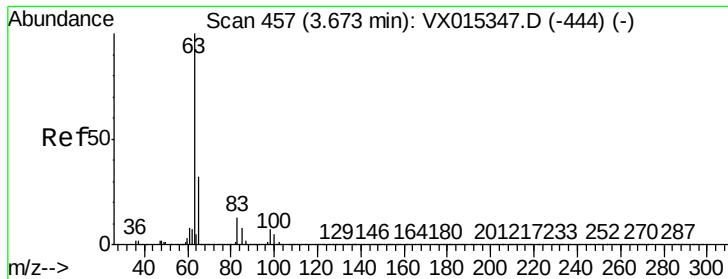
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	45	Resp:	2149249
Ion	Ratio	Lower	Upper
45	100		
43	77.6	64.4	96.6
87	25.0	20.4	30.6
59	10.5	8.7	13.1





#21

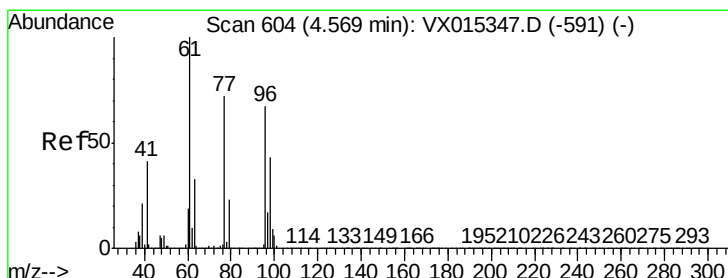
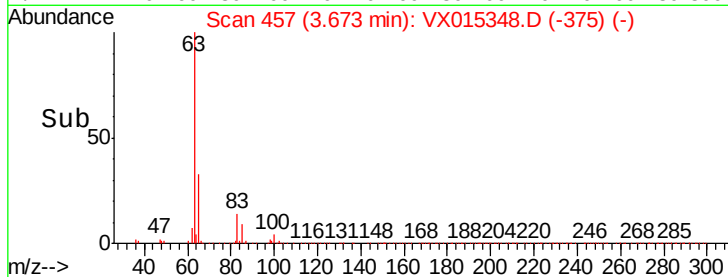
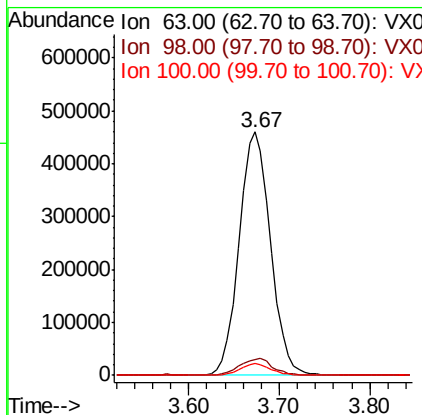
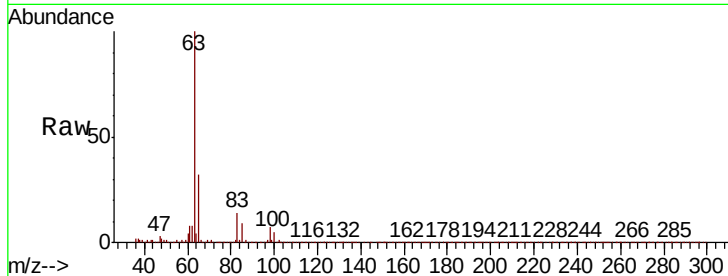
1,1-Dichloroethane
 Concen: 49.508 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	63	Resp:	1099196
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.9
100	4.8	2.3	6.8

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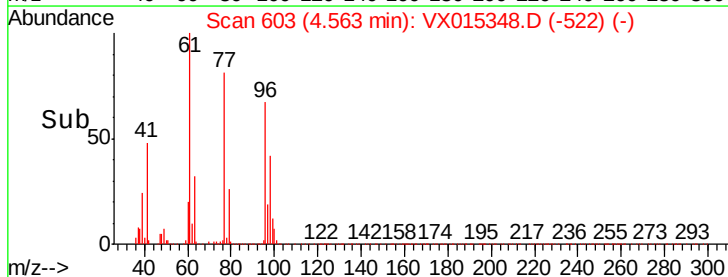
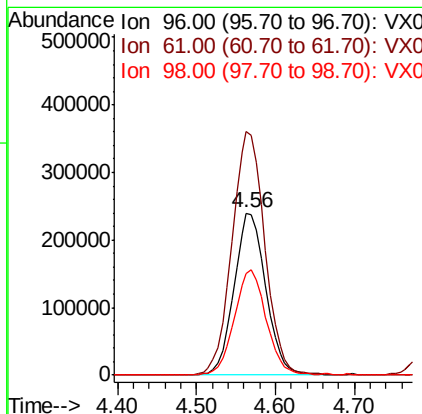
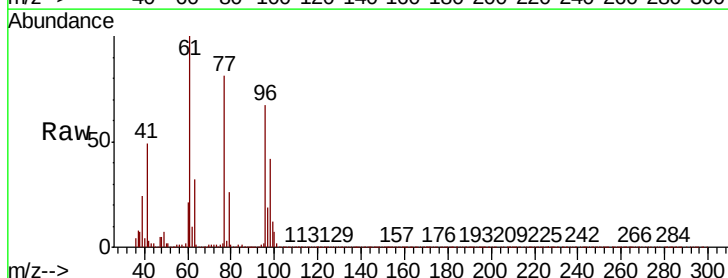
apatel
 3/26/2020 11:01:16 AM

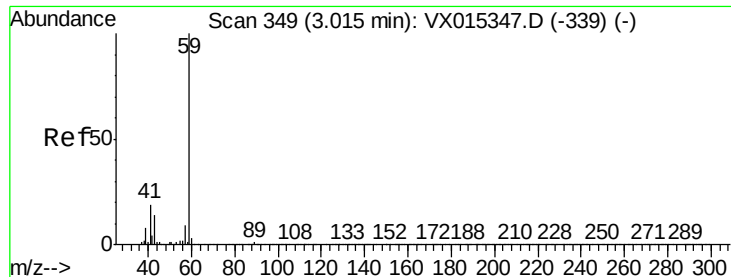


#22

cis-1,2-Dichloroethene
 Concen: 48.432 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Tgt Ion:	96	Resp:	662437
Ion	Ratio	Lower	Upper
96	100		
61	156.9	127.2	190.8
98	64.8	51.8	77.6





#23

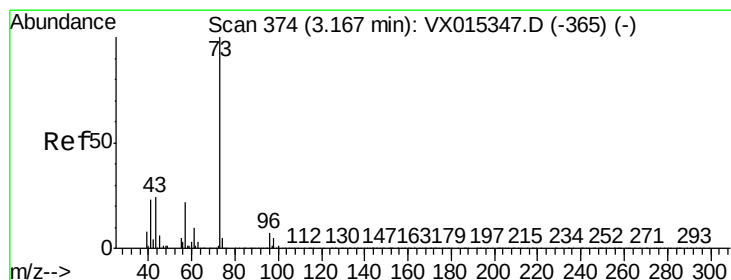
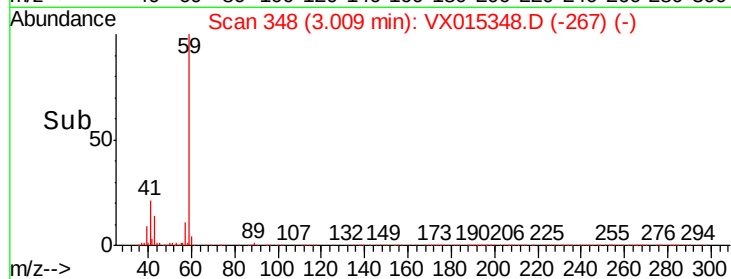
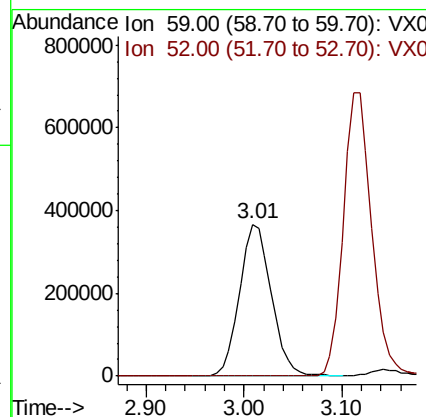
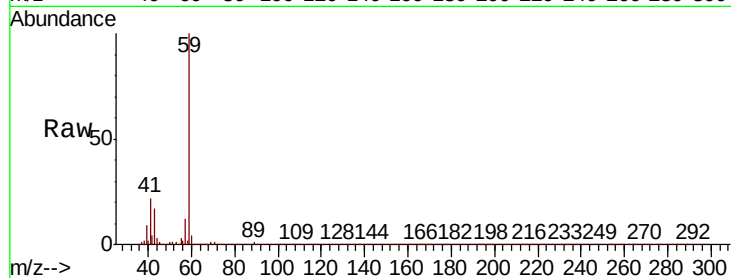
tert-Butyl Alcohol
 Concen: 304.188 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

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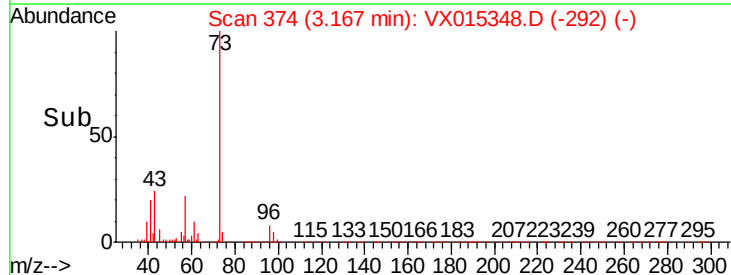
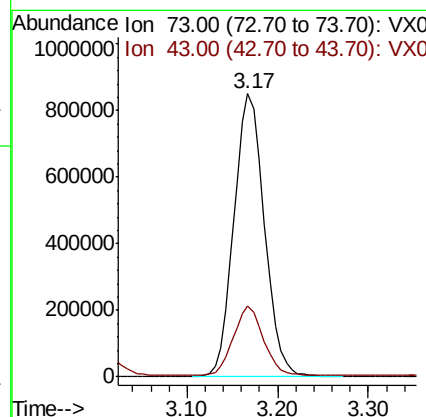
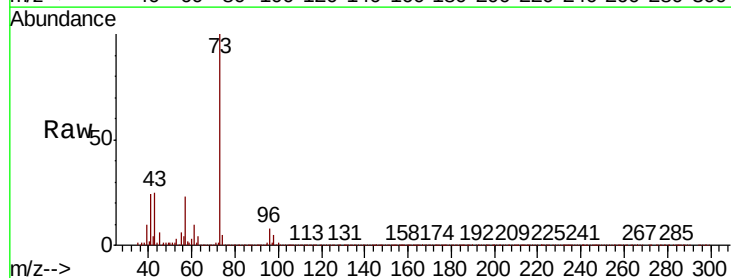
apatel
 3/26/2020 11:01:16 AM

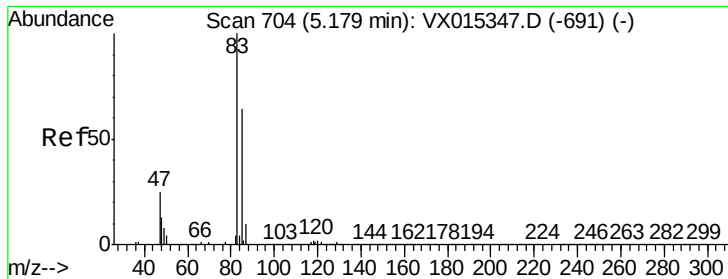


#24

Methyl tert-Butyl Ether
 Concen: 52.988 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.7	19.2	28.8





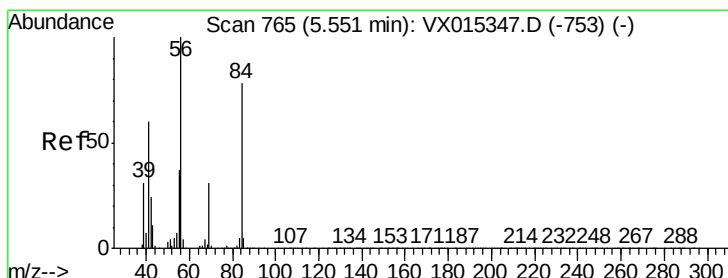
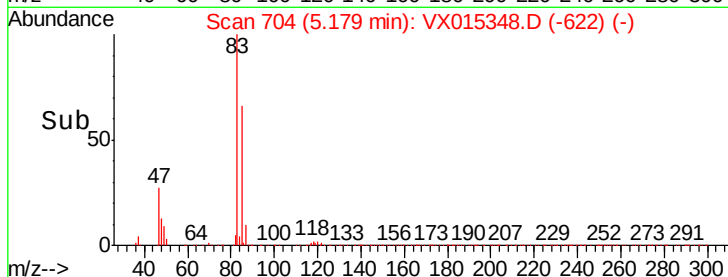
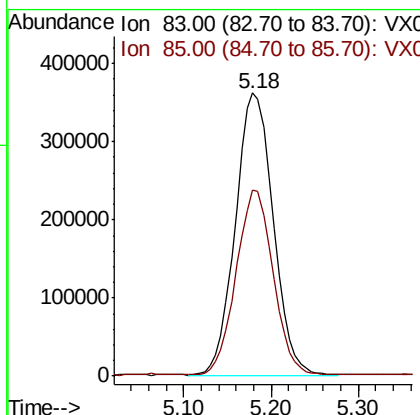
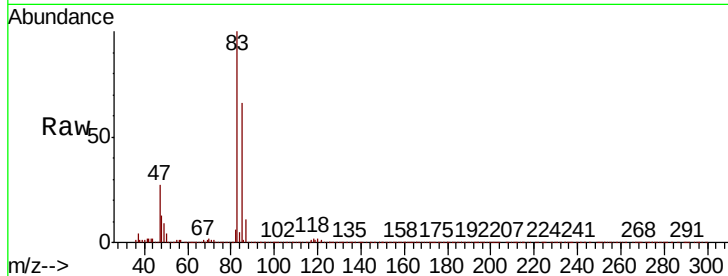
#25
Chloroform
Concen: 51.587 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 83 Resp: 1084257
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7

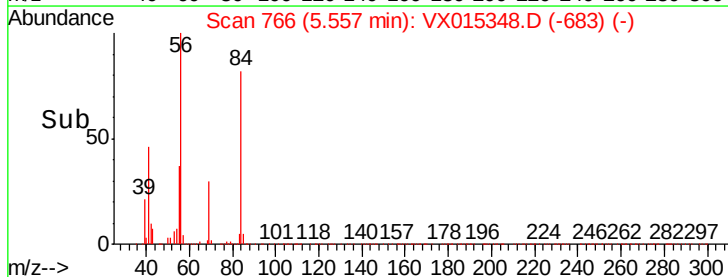
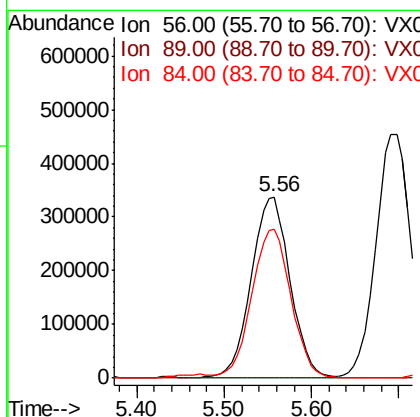
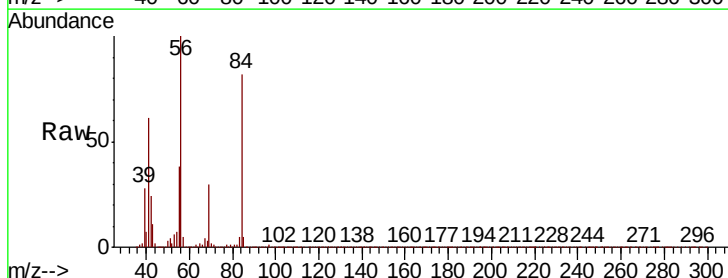
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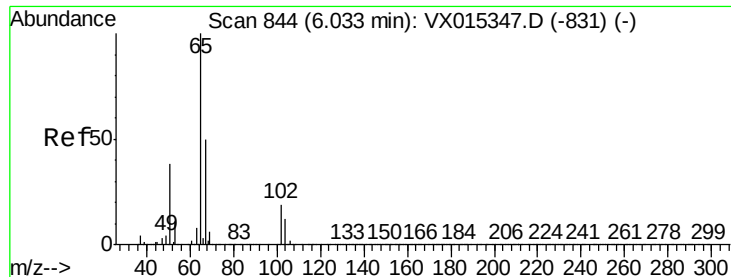
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#26
Cyclohexane
Concen: 50.050 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion: 56 Resp: 1030938
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.2 66.1 99.1





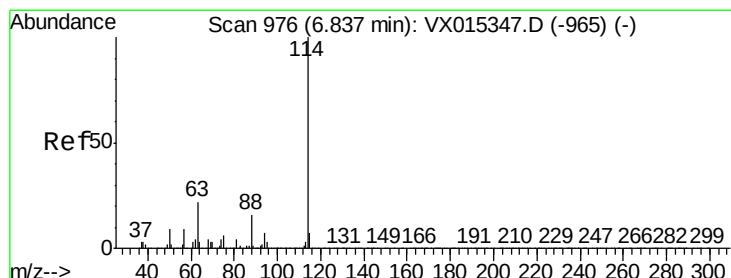
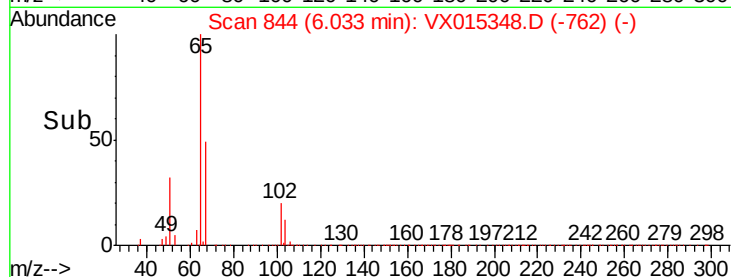
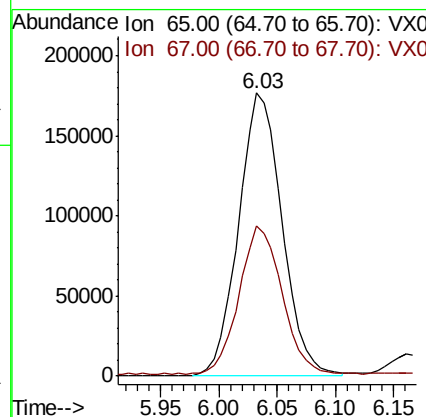
#27
 1,2-Dichloroethane-d4
 Concen: 33.887 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	40.9	61.3

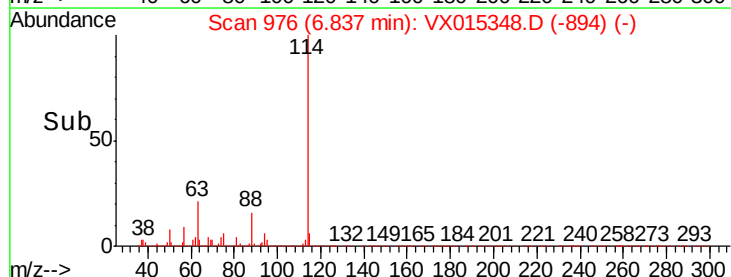
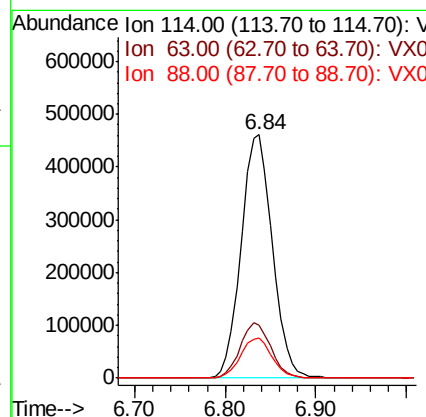
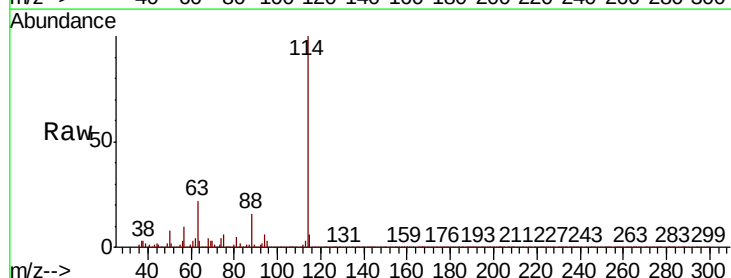
Manual Integrations
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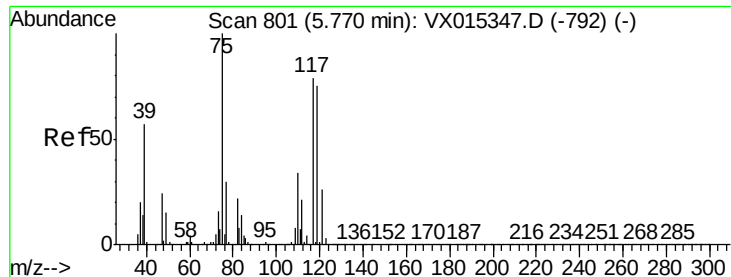
apatel
 3/26/2020 11:01:16 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.4	26.2
88	16.6	12.9	19.3





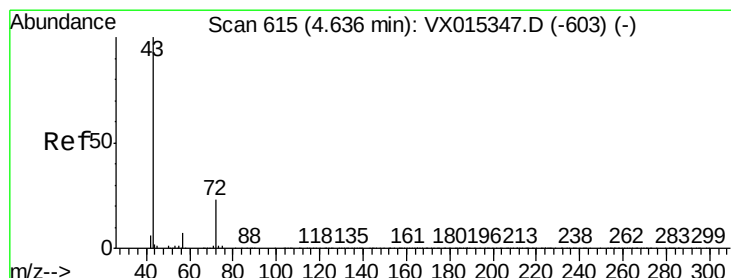
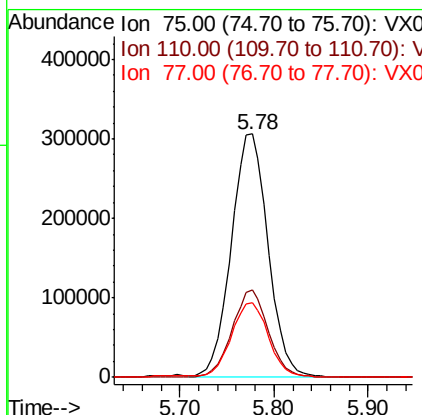
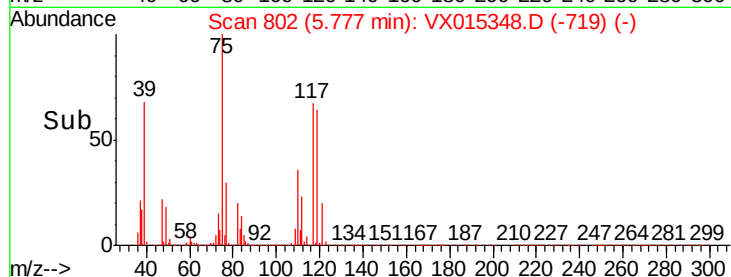
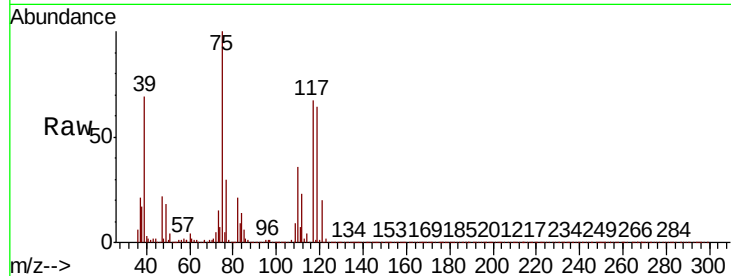
#29
 1,1-Dichloropropene
 Concen: 49.482 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	75	Resp:	830068
Ion Ratio	Lower	Upper	
75	100		
110	34.9	0.0	71.2
77	30.8	0.0	62.2

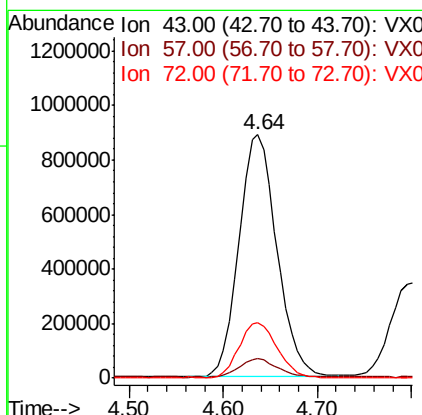
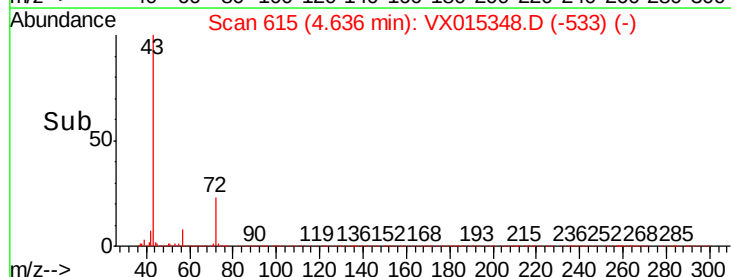
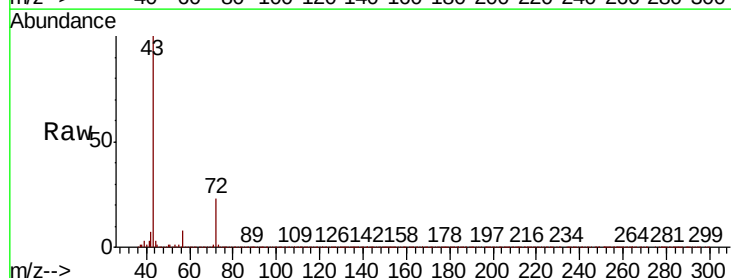
Manual Integrations
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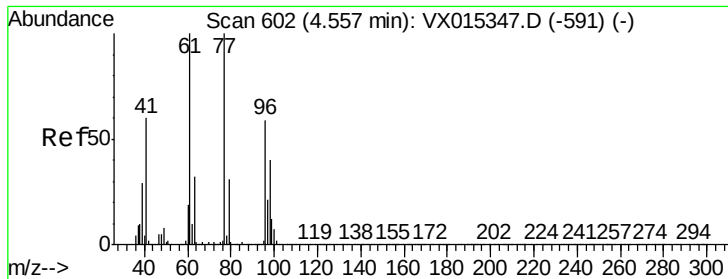
apatel
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#30
 2-Butanone
 Concen: 271.785 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Tgt Ion:	43	Resp:	2499842
Ion Ratio	Lower	Upper	
43	100		
57	7.6	5.9	8.9
72	23.1	18.6	27.8





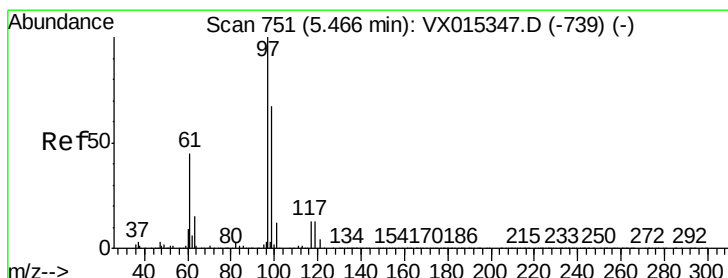
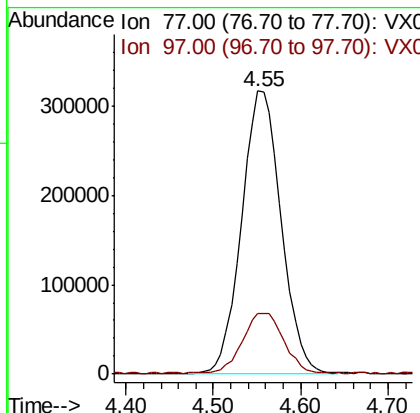
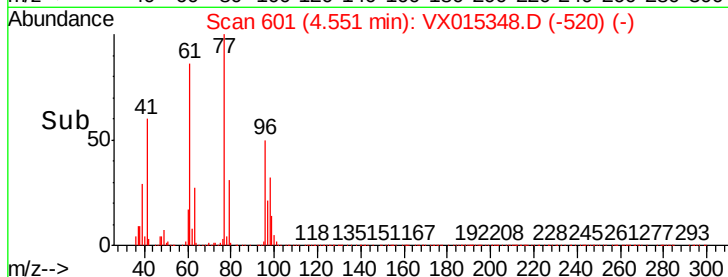
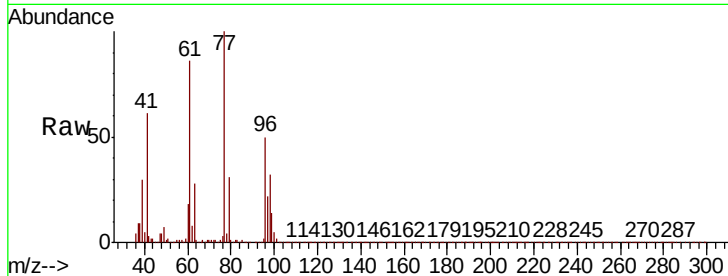
#31
2,2-Dichloropropane
Concen: 54.964 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.0	17.8	26.8

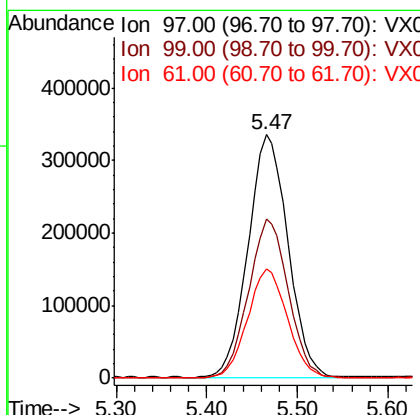
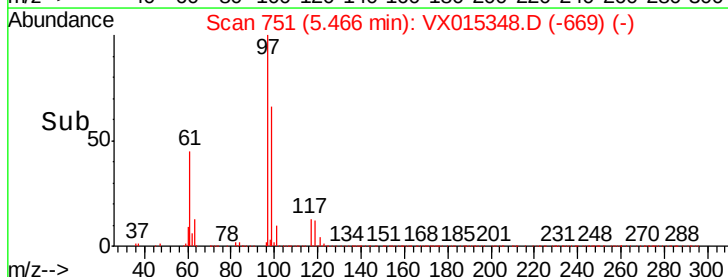
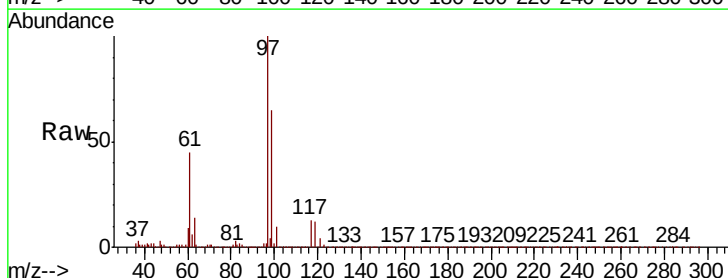
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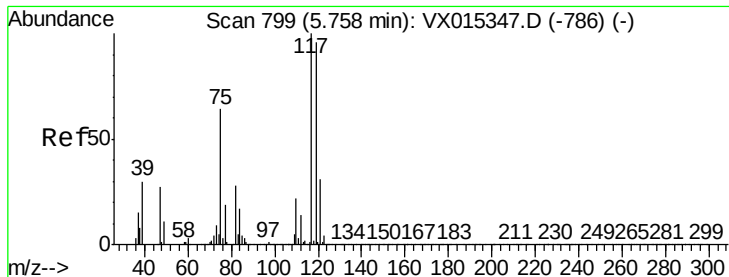
apatel
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#32
1,1,1-Trichloroethane
Concen: 54.325 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	44.8	35.8	53.8





#33

Carbon Tetrachloride

Concen: 56.541 ug/l

RT: 5.76 min Scan# 799

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

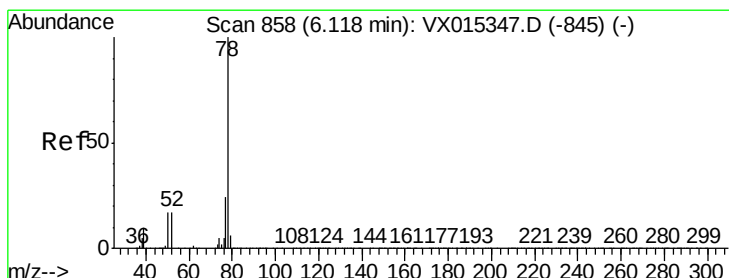
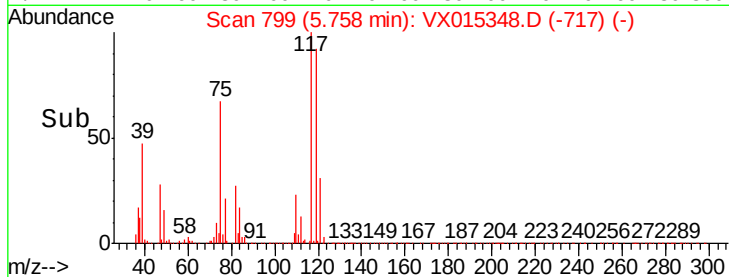
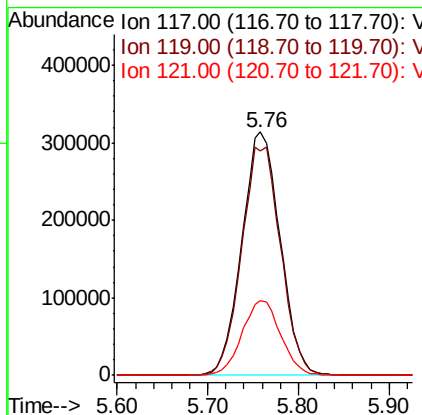
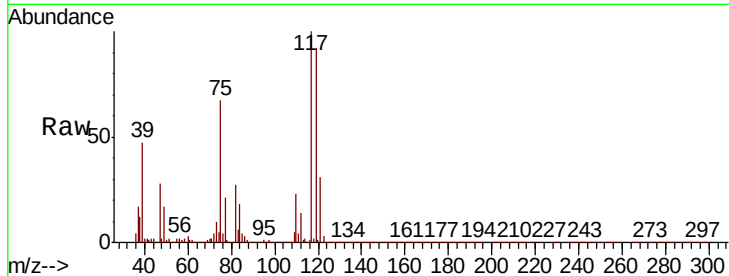
ClientSampleId :

VSTDIC050

Tot Ion:	117	Resp:	917356
Ion Ratio	Lower	Upper	
117	100		
119	92.3	76.6	114.8
121	30.6	25.0	37.4

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#34

Benzene

Concen: 47.604 ug/l

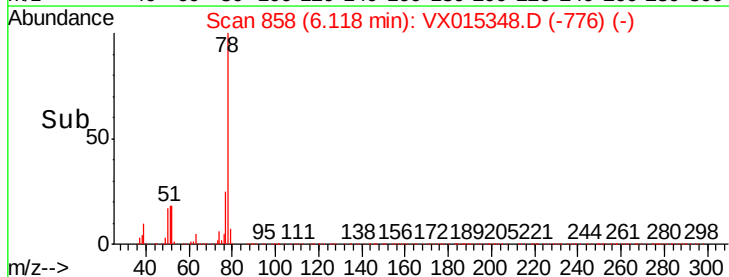
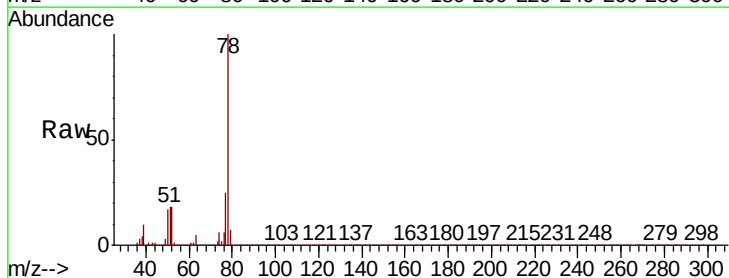
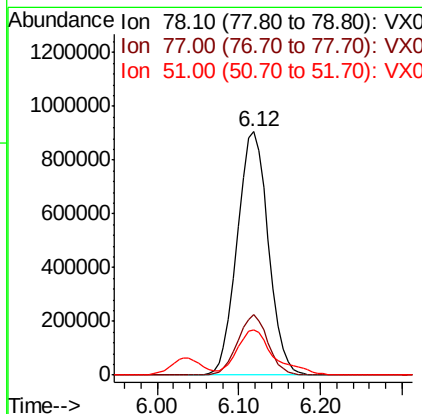
RT: 6.12 min Scan# 858

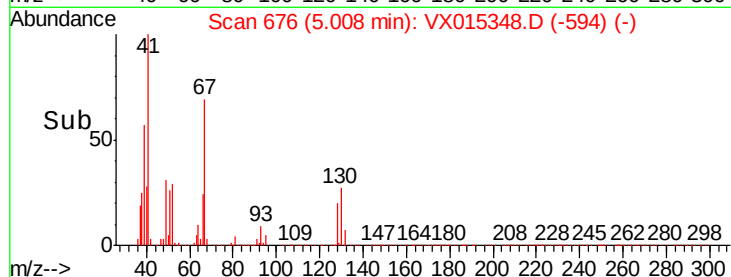
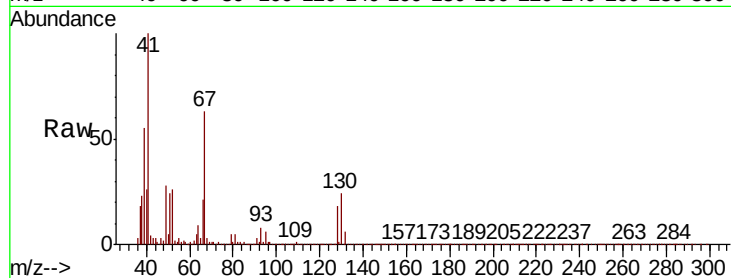
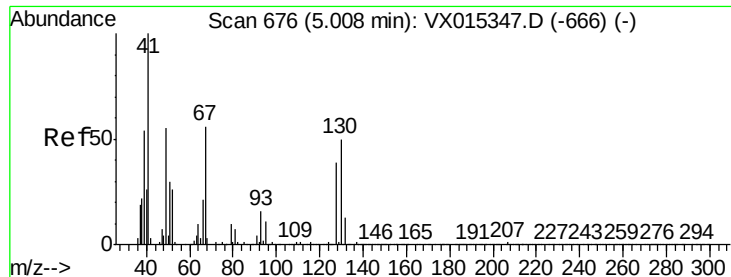
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	78	Resp:	2393070
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.4	29.2
51	18.3	14.6	21.8





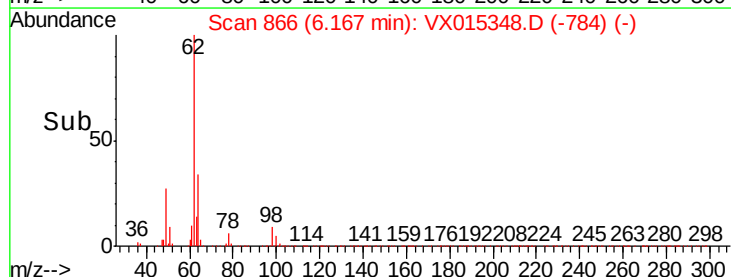
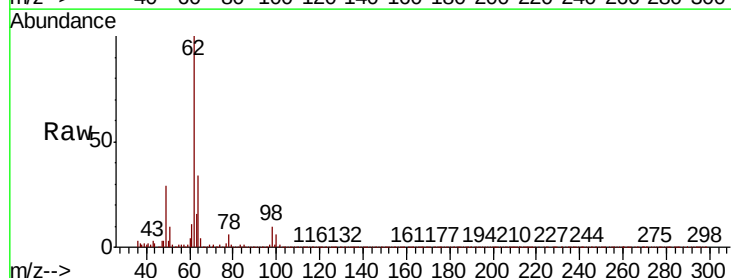
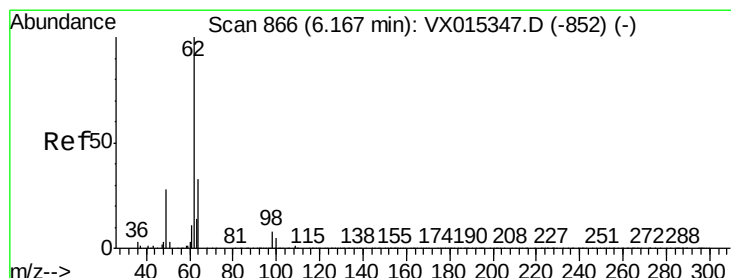
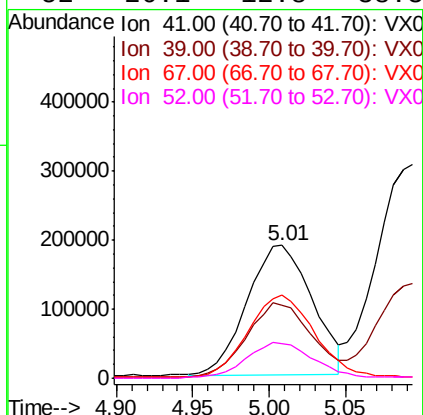
#35
Methacrylonitrile
Concen: 55.072 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		558103		
39	55.6	27.0	81.0		
67	63.3	28.2	84.6		
52	26.1	12.8	38.3		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

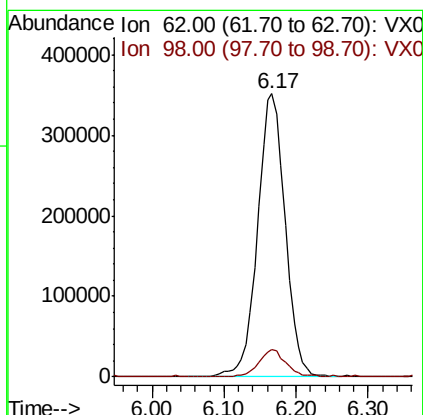
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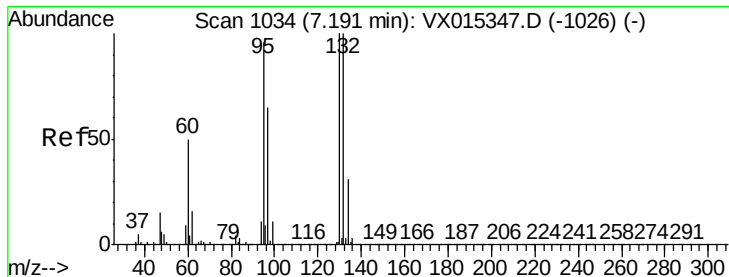
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#36
1,2-Dichloroethane
Concen: 54.043 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		934209		
98	8.8	6.9	10.3		





#37

Trichloroethene

Concen: 47.447 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 667017

Ion Ratio Lower Upper

130 100

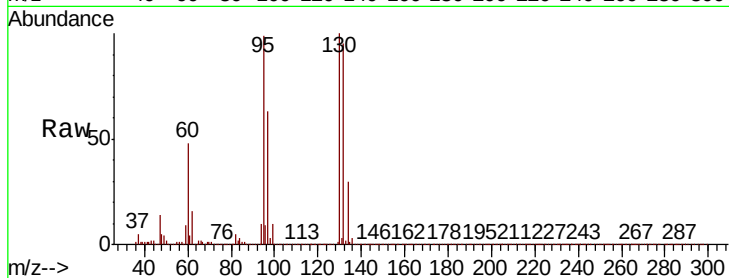
95 98.2 76.4 114.6

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

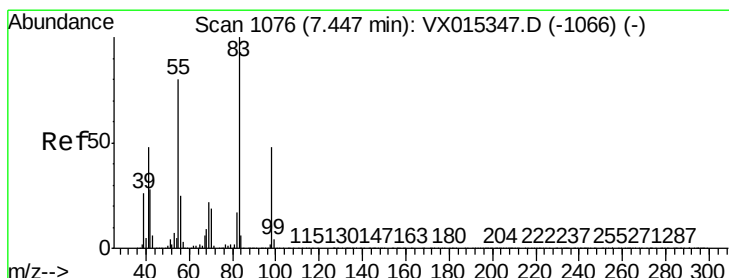
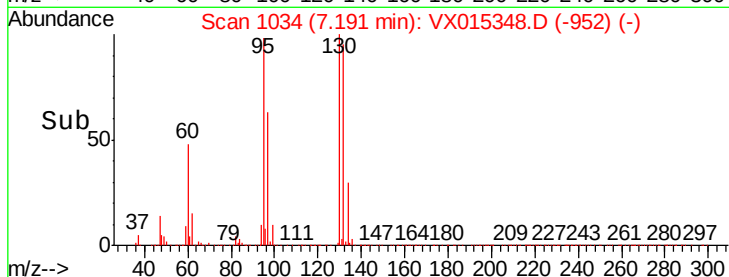
300000

200000

100000

0

Time-->



#38

Methylcyclohexane

Concen: 48.838 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

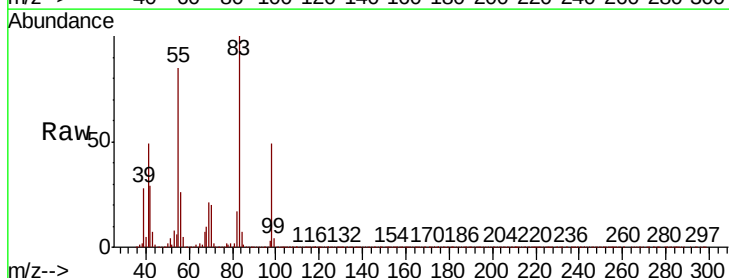
Tgt Ion: 83 Resp: 1010481

Ion Ratio Lower Upper

83 100

55 83.9 41.3 124.1

98 49.4 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

600000

500000

400000

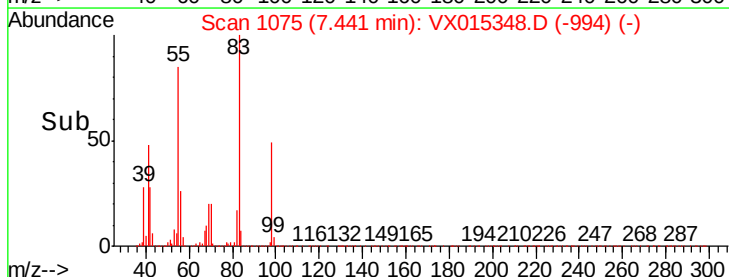
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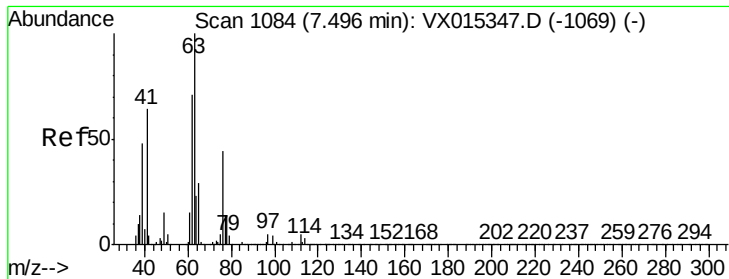
200000

100000

0

Time-->





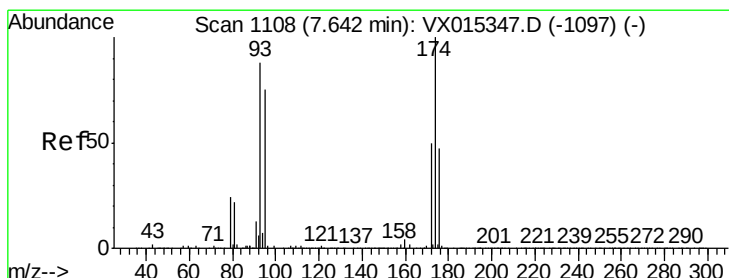
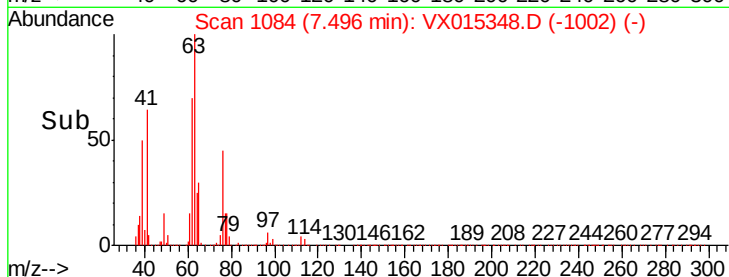
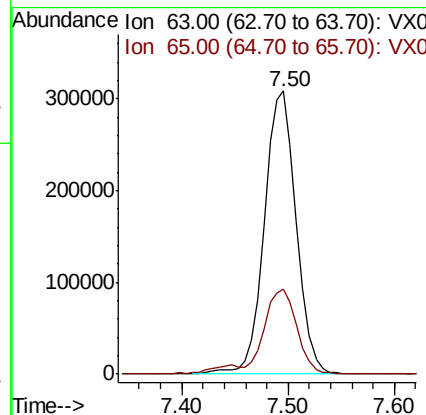
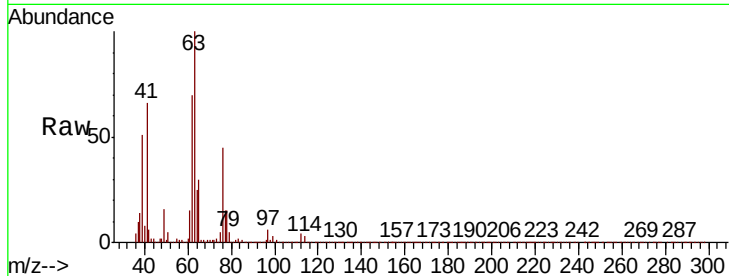
#39
 1,2-Dichloropropane
 Concen: 48.462 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	23.0	34.4

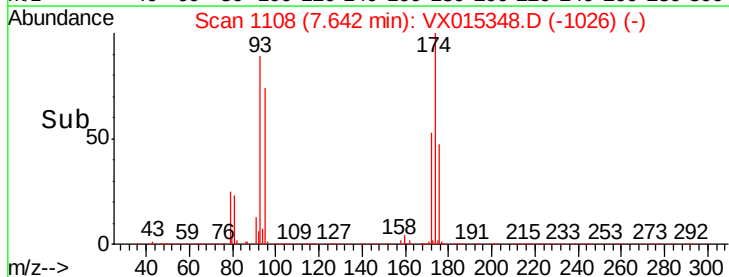
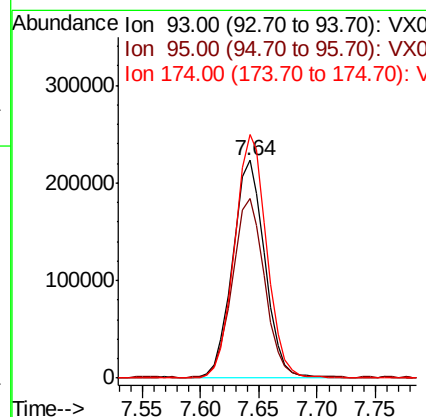
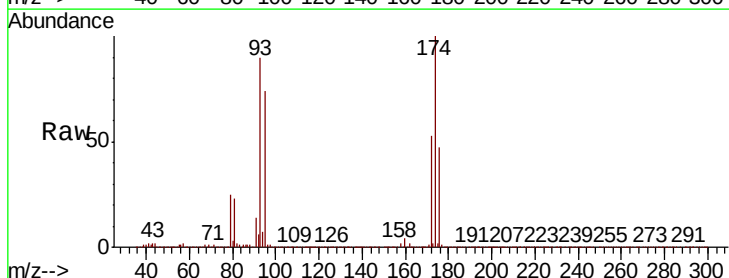
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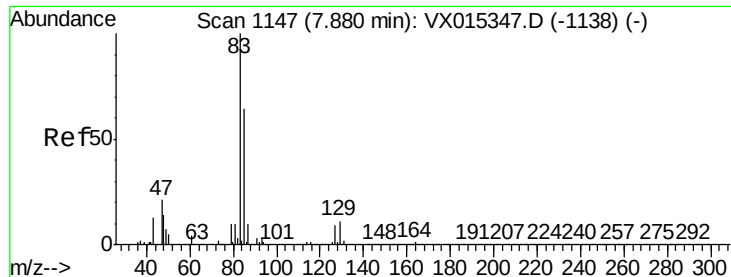
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#40
 Dibromomethane
 Concen: 50.554 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	0.0	166.4
174	112.2	0.0	225.4





#41

Bromodichloromethane

Concen: 54.101 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

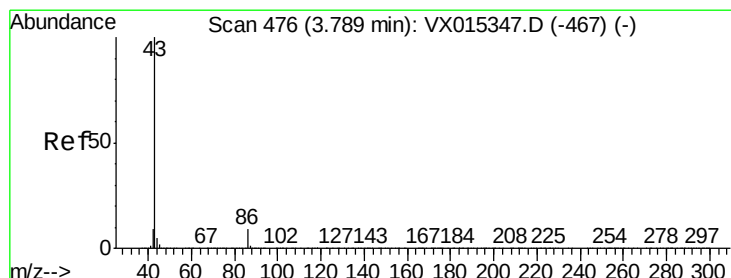
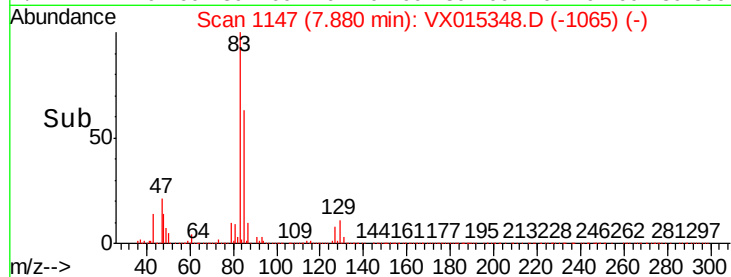
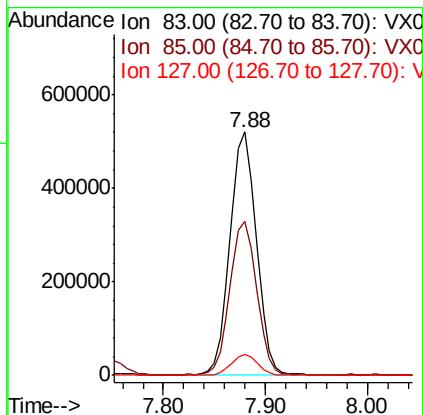
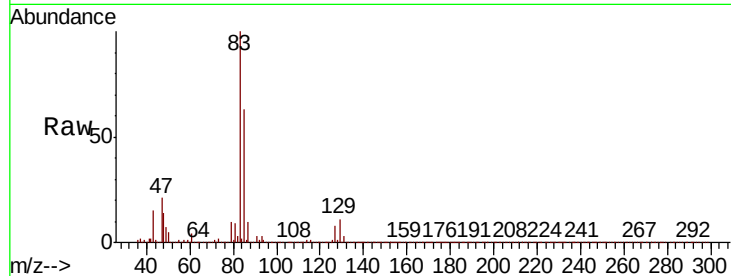
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	926154
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.6	77.4
127	8.3	7.0	10.4

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#42

Vinyl Acetate

Concen: 264.566 ug/l

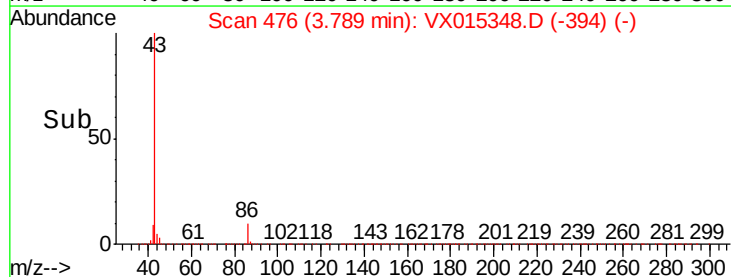
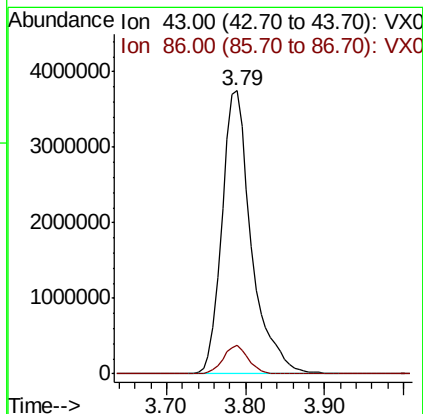
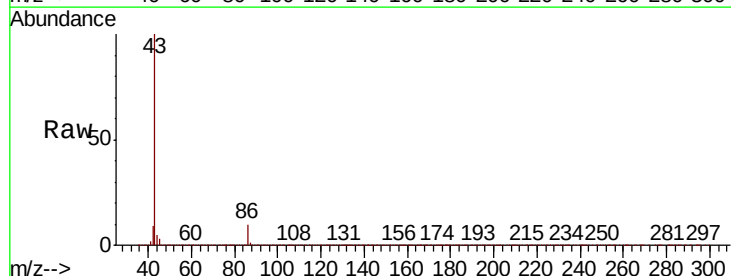
RT: 3.79 min Scan# 476

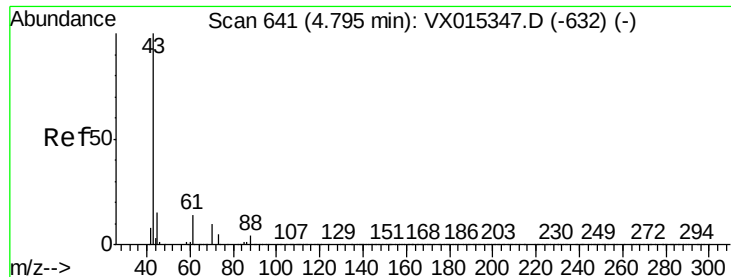
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	43	Resp:	9691999
Ion Ratio	Lower	Upper	
43	100		
86	8.6	6.9	10.3





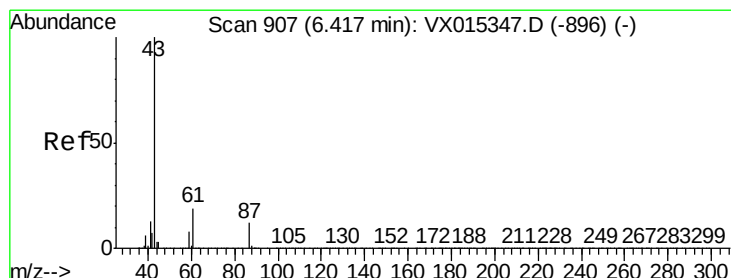
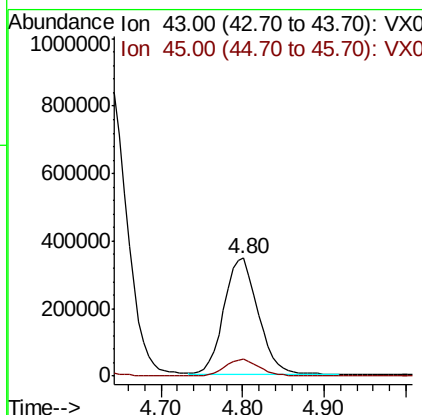
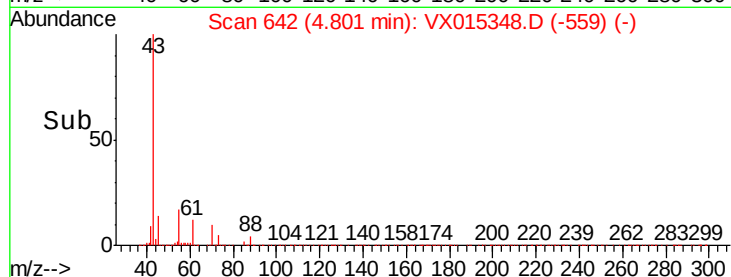
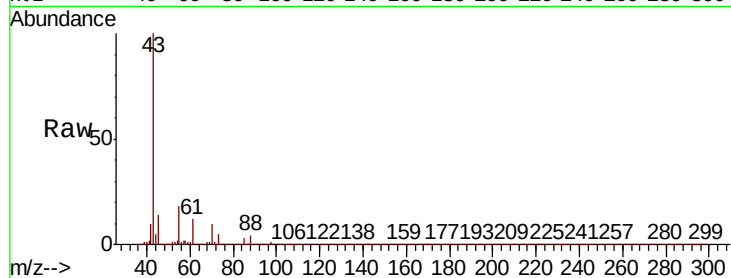
#43
Ethyl Acetate
Concen: 56.577 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC050

Tot Ion: 43 Resp: 1007292
Ion Ratio Lower Upper
43 100
45 14.5 12.2 18.4

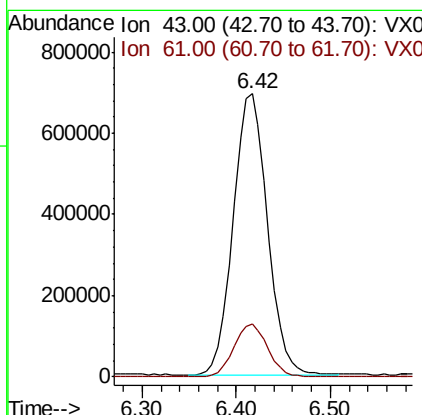
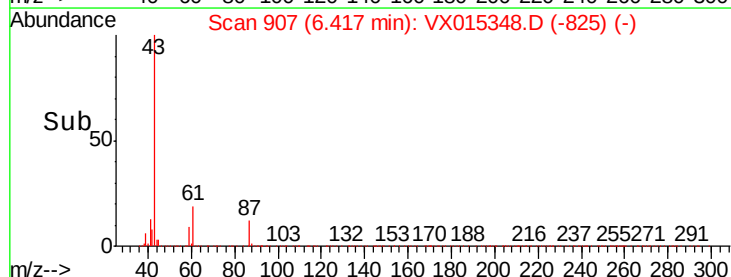
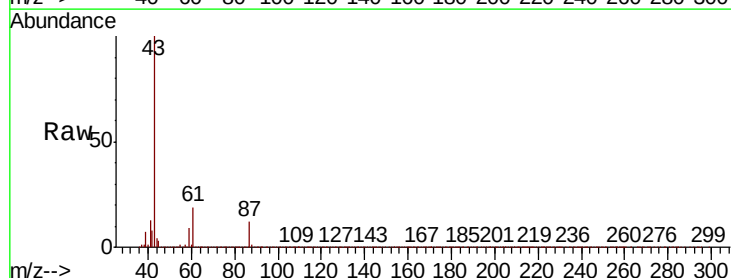
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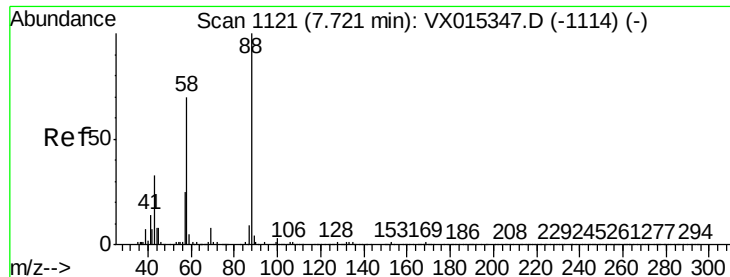
apatel
3/26/2020 11:01:16 AM



#44
Isopropyl Acetate
Concen: 58.381 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion: 43 Resp: 1755754
Ion Ratio Lower Upper
43 100
61 18.5 14.6 22.0





#45

1,4-Dioxane

Concen: 1094.130 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

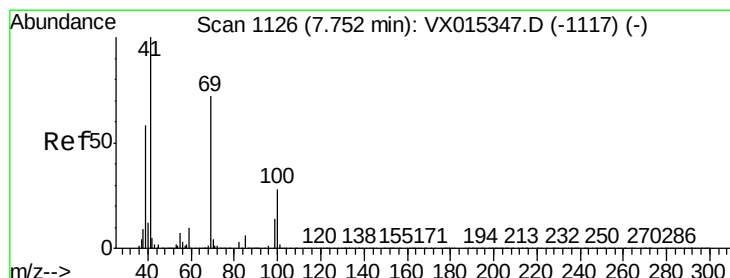
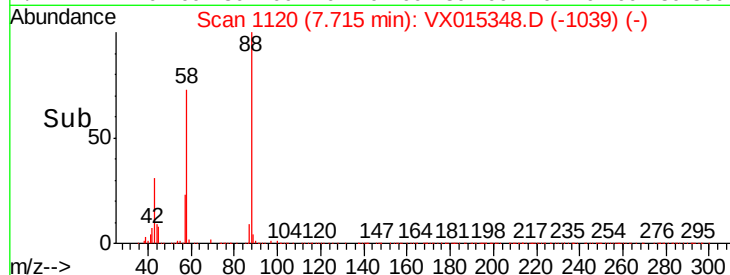
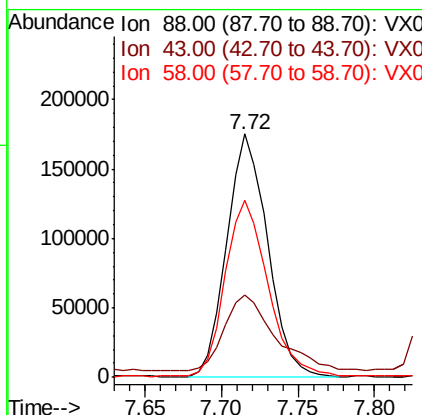
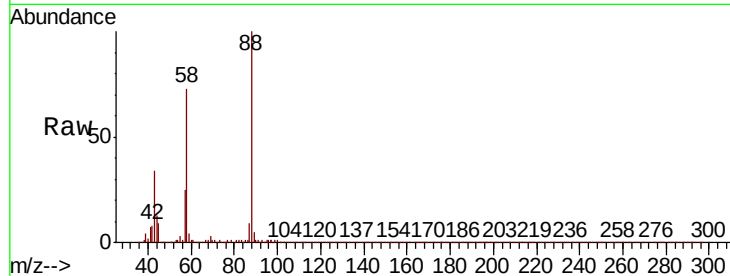
ClientSampleId :

VSTDIC050

Tot Ion:	88	Resp:	324161
Ion Ratio	Lower	Upper	
88	100		
43	38.7	32.1	48.1
58	75.8	59.4	89.0

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#46

Methyl methacrylate

Concen: 58.504 ug/l

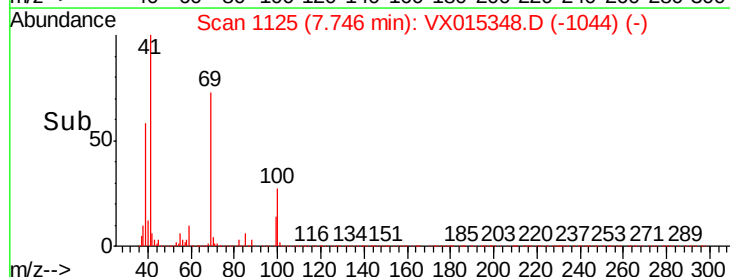
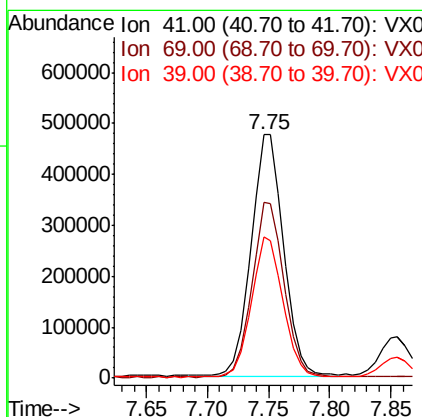
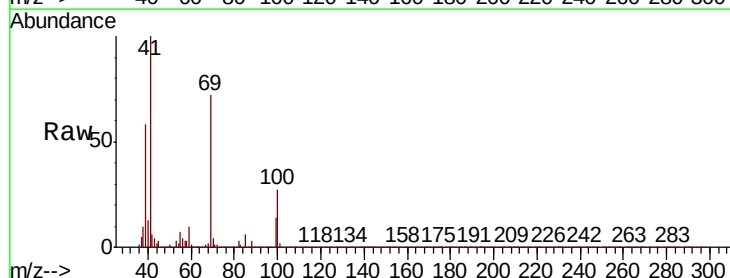
RT: 7.75 min Scan# 1125

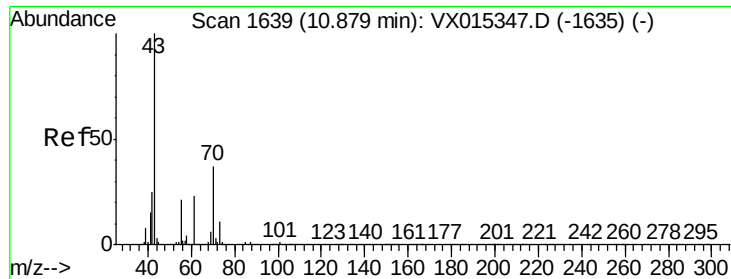
Delta R.T. -0.01 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	41	Resp:	876470
Ion Ratio	Lower	Upper	
41	100		
69	72.7	35.8	107.4
39	58.0	28.9	86.8





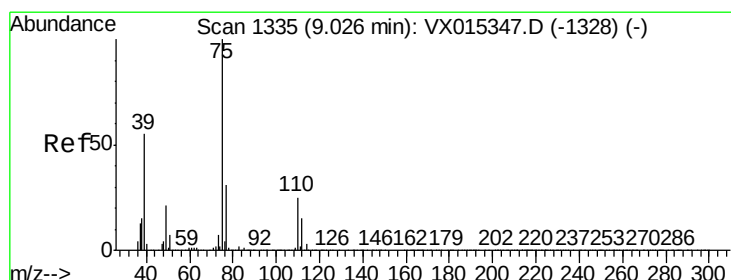
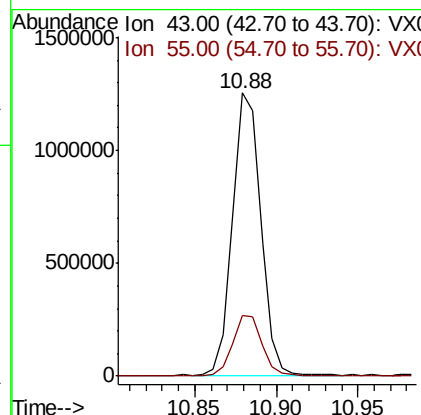
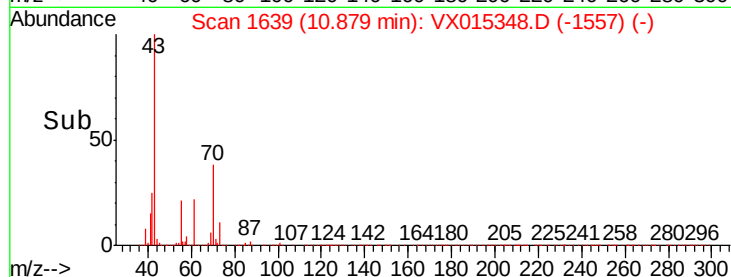
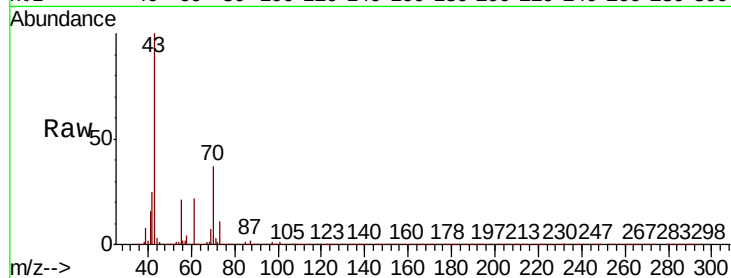
#47
n-amvl Acetate
Concen: 55.986 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 1498838
Ion Ratio Lower Upper
43 100
55 21.7 17.0 25.6

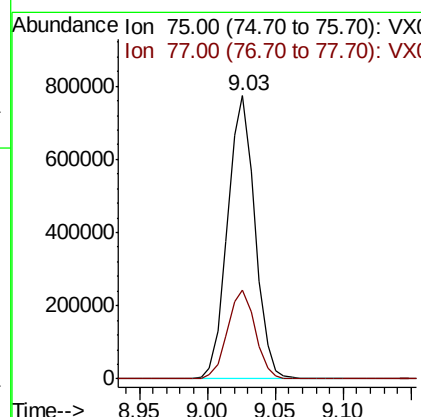
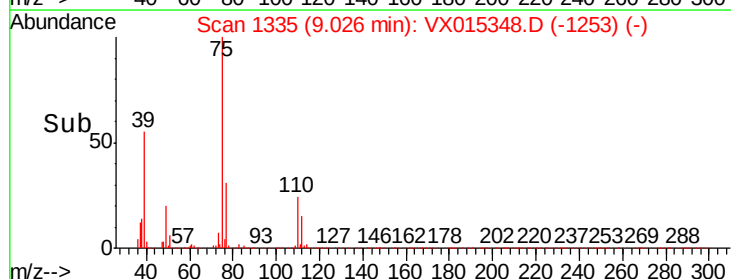
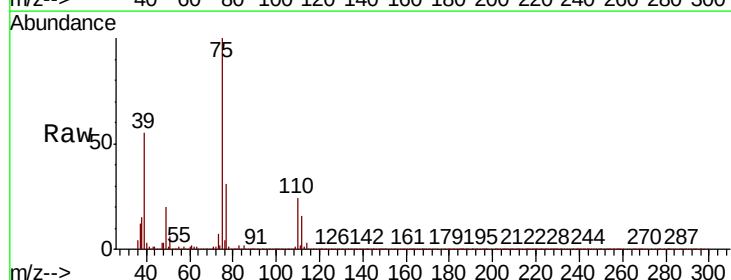
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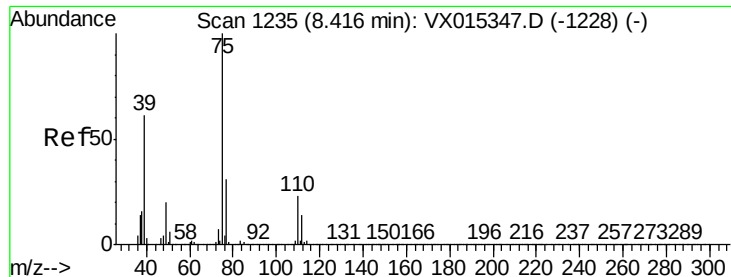
apatel
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#48
t-1,3-Dichloropropene
Concen: 57.104 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion: 75 Resp: 1077147
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 53.174 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

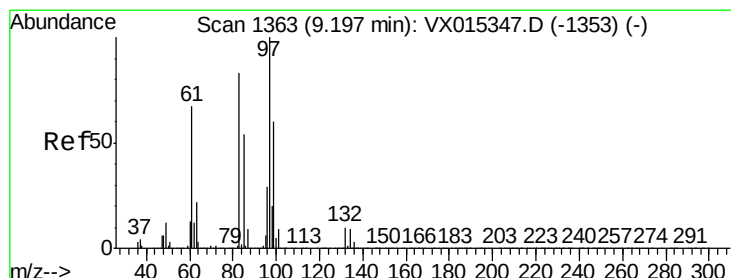
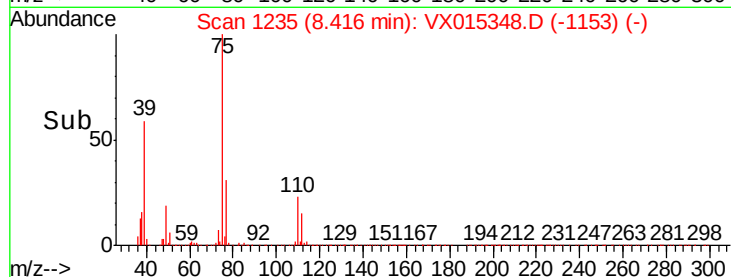
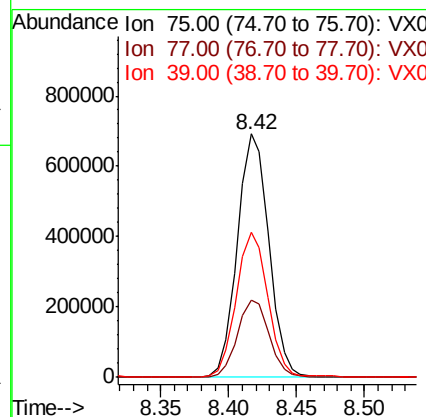
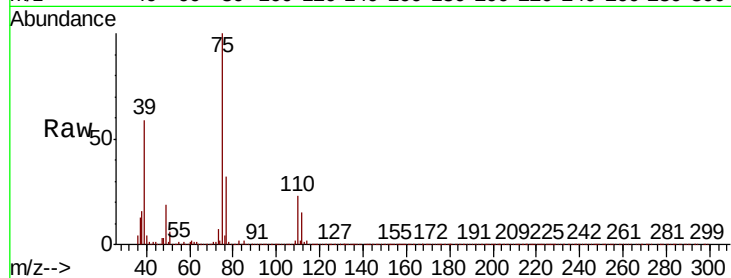
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	1110640
Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	59.1	48.9	73.3

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#50

1,1,2-Trichloroethane

Concen: 48.987 ug/l

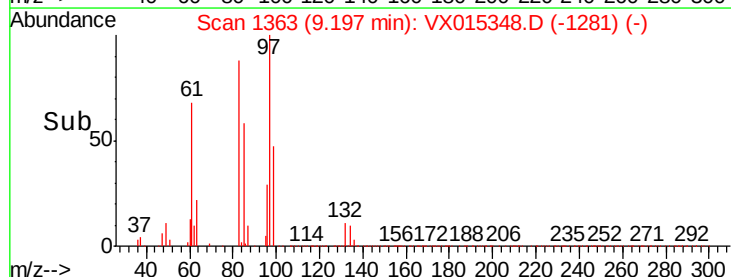
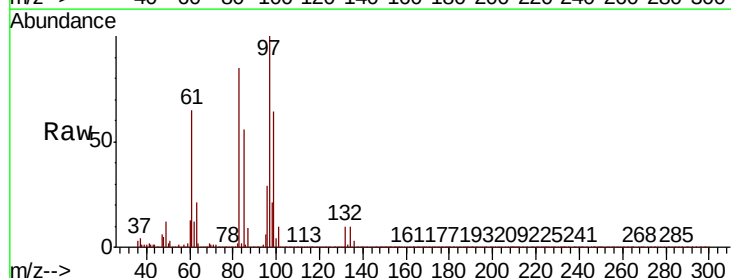
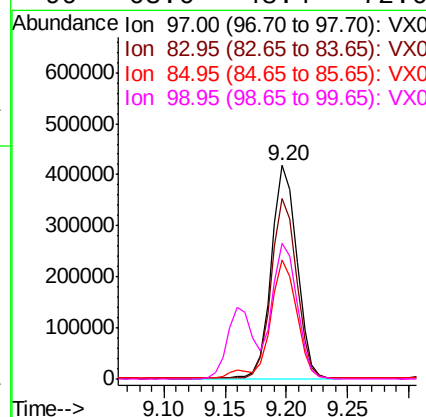
RT: 9.20 min Scan# 1363

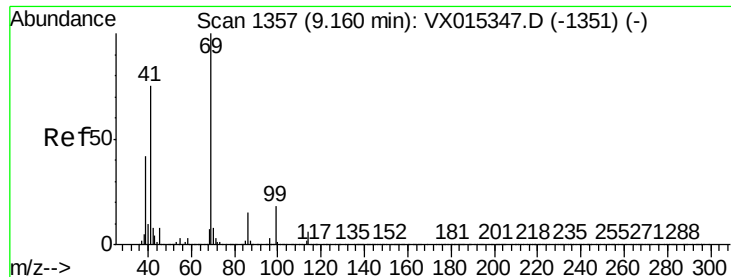
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	97	Resp:	608171
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.8	100.2
85	55.7	43.3	64.9
99	63.6	48.4	72.6





#51

Ethyl methacrylate

Concen: 53.385 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

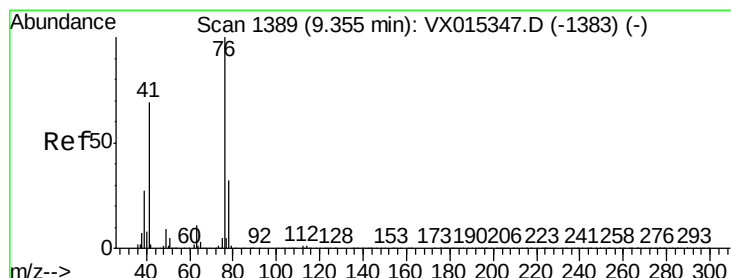
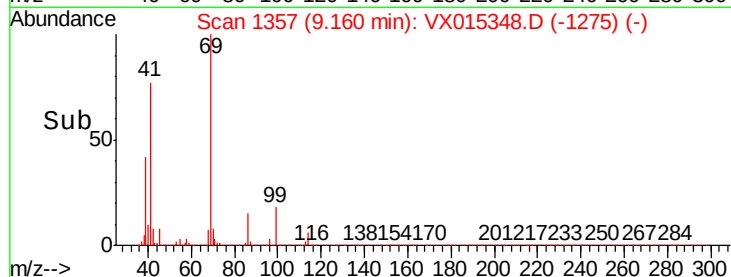
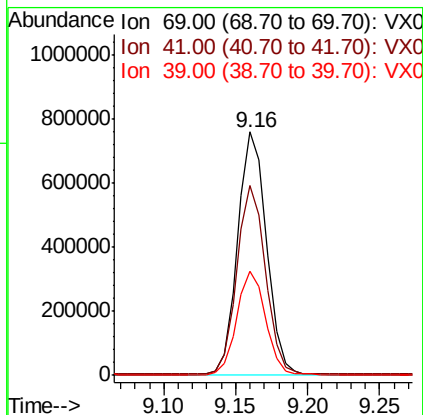
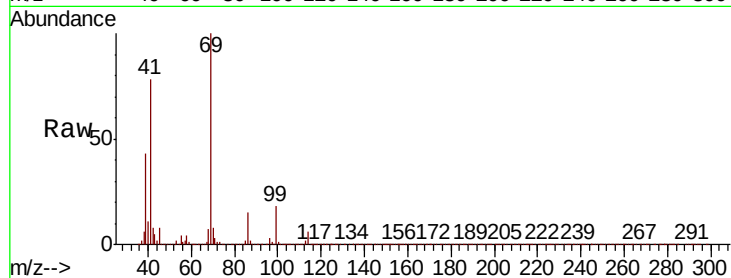
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	1054717
Ion	Ratio	Lower	Upper
69	100		
41	77.5	37.4	112.2
39	42.4	21.1	63.1

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#52

1,3-Dichloropropane

Concen: 50.077 ug/l

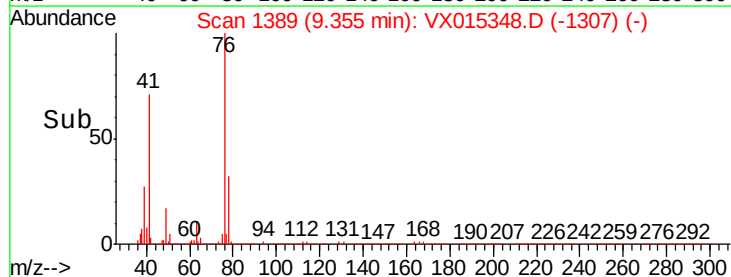
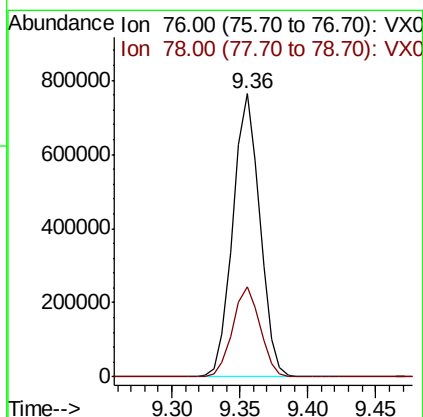
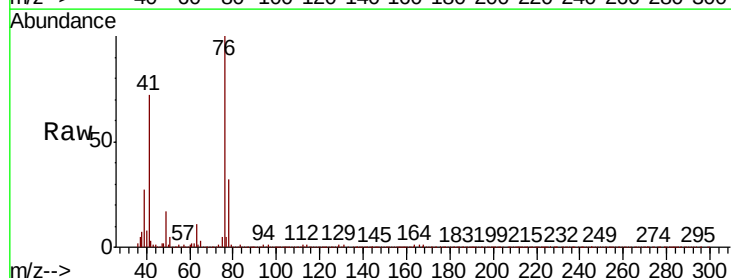
RT: 9.36 min Scan# 1389

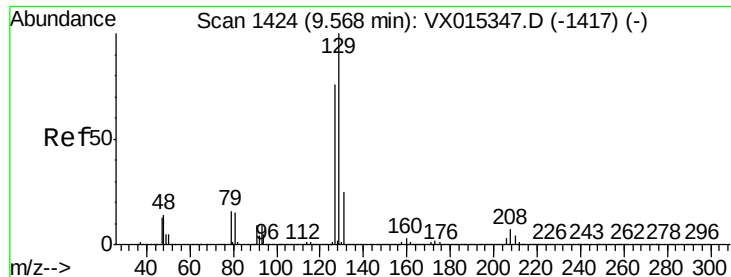
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	76	Resp:	1058015
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.2





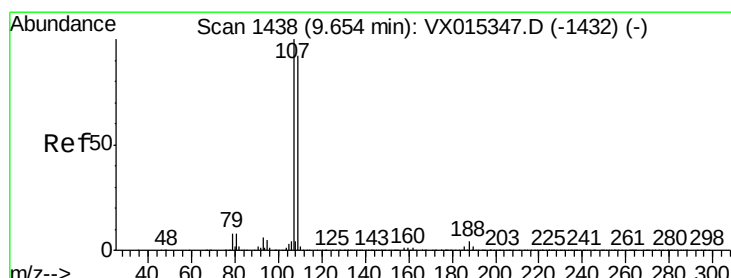
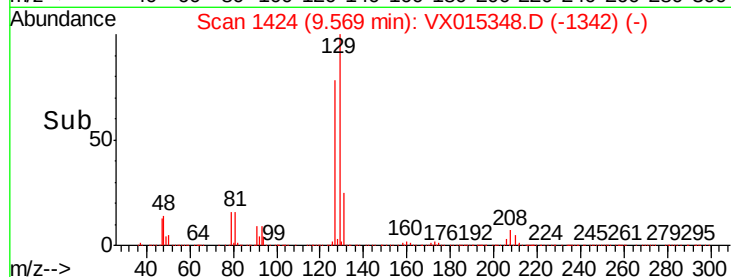
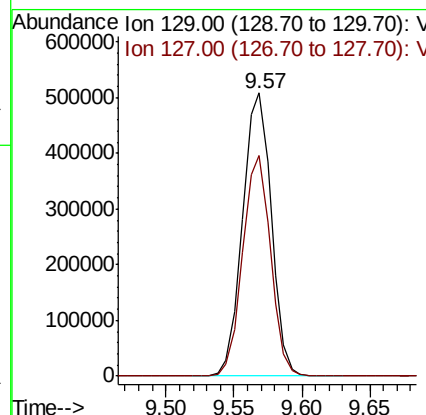
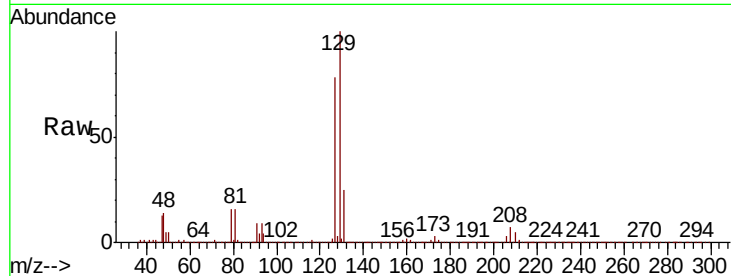
#53
Dibromochloromethane
Concen: 54.675 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		747352		
127	75.7	38.6	115.7		

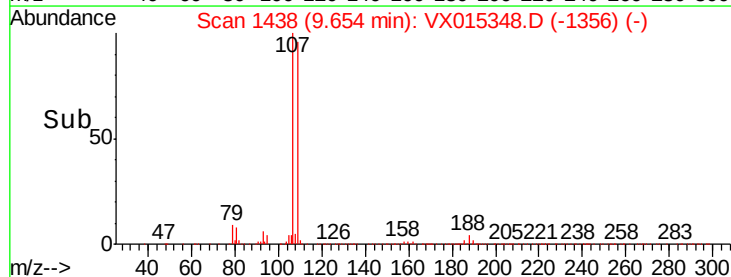
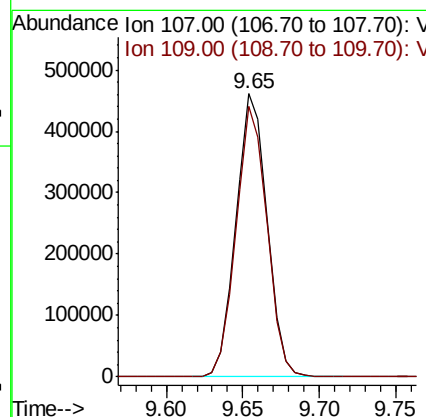
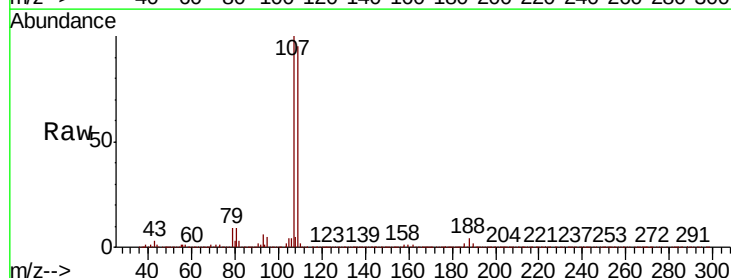
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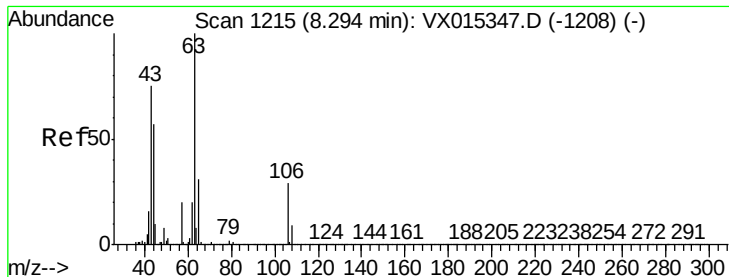
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#54
1,2-Dibromoethane
Concen: 50.191 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		647496		
109	94.6	75.0	112.6		





#55

2-Chloroethyl vinyl ether

Concen: 255.071 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 2513475

Ion Ratio Lower Upper

63 100

65 32.3 25.5 38.3

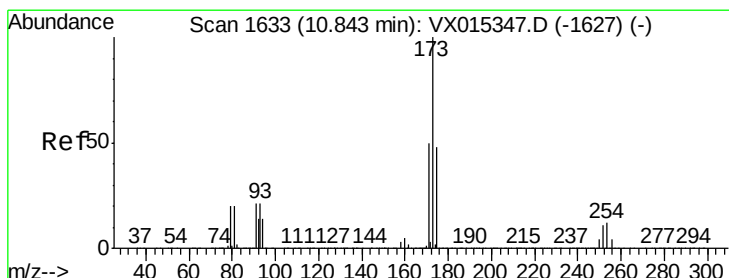
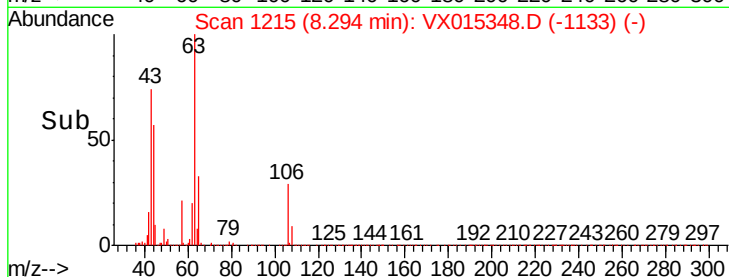
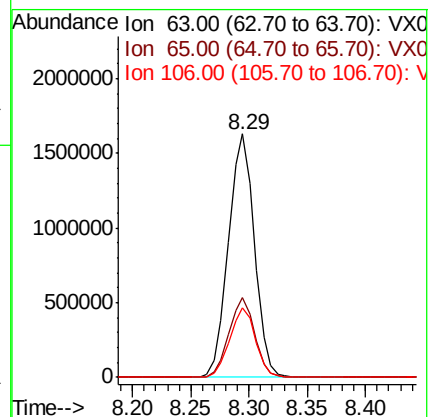
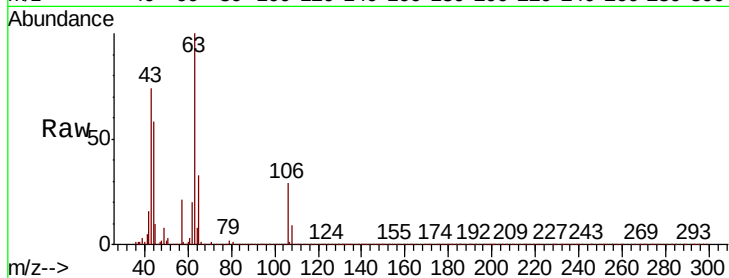
106 28.6 23.1 34.7

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#56

Bromoform

Concen: 56.745 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

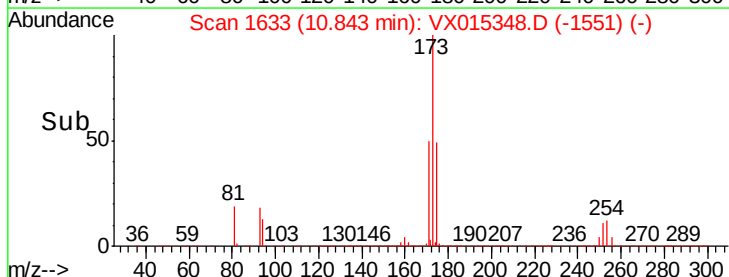
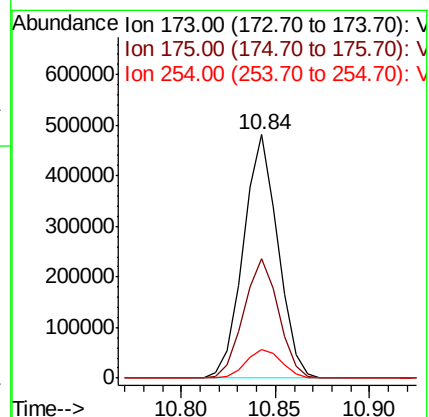
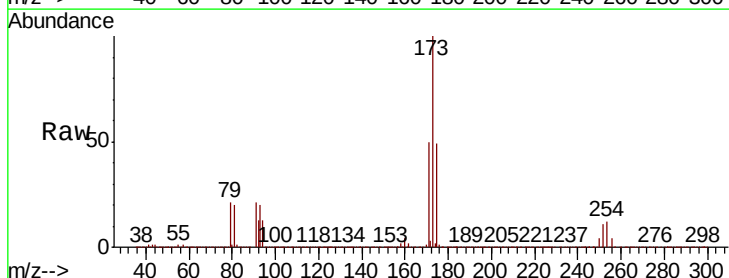
Tgt Ion: 173 Resp: 608956

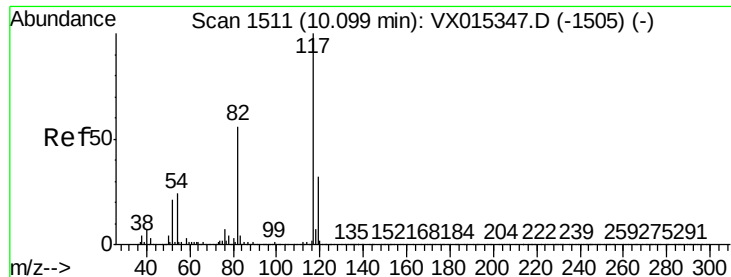
Ion Ratio Lower Upper

173 100

175 49.7 39.0 58.4

254 12.4 9.4 14.2





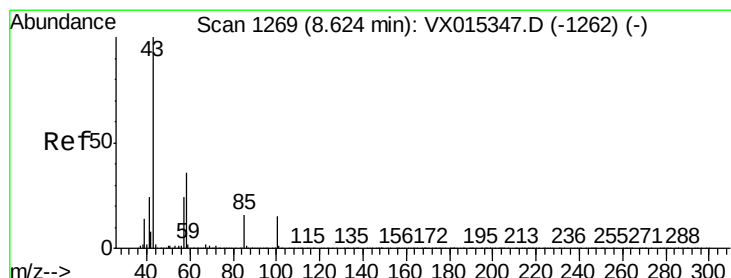
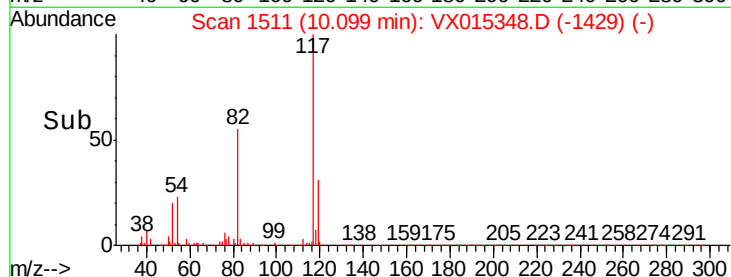
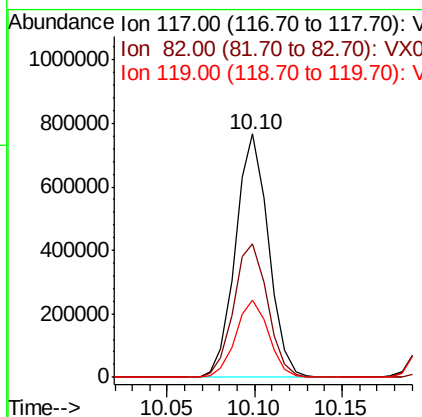
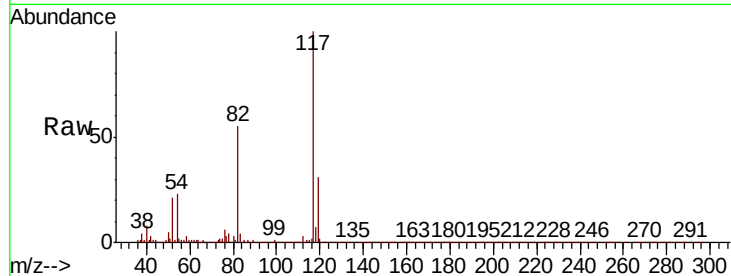
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.6
119	31.8	25.5	38.3

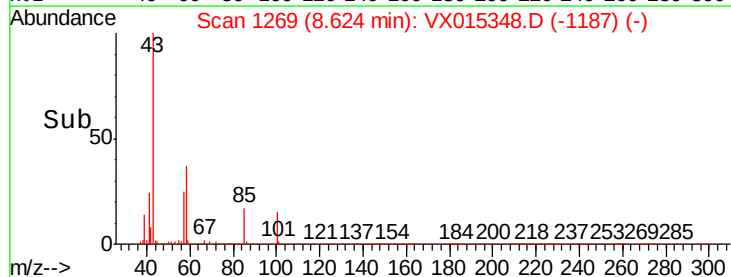
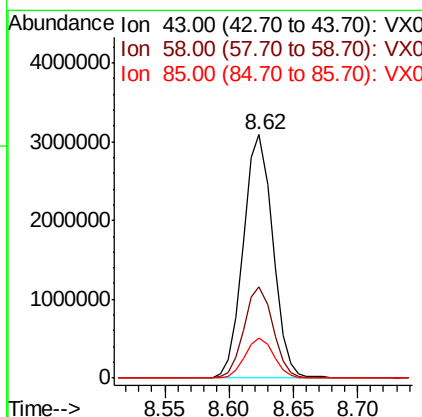
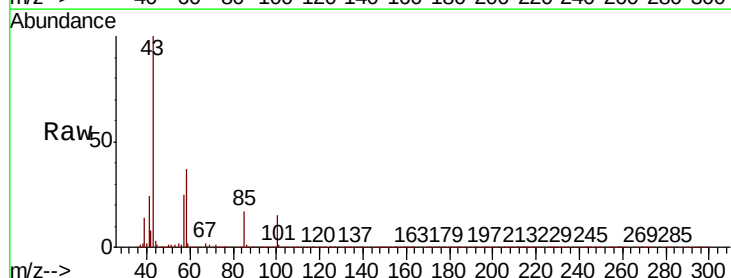
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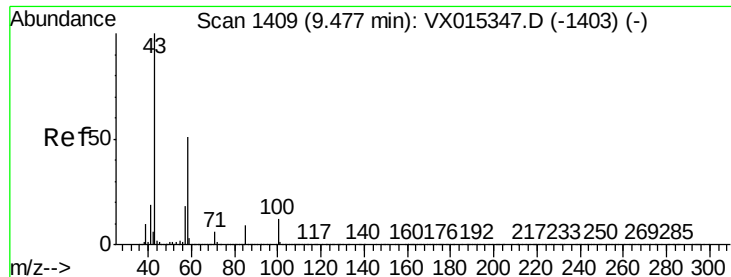
apatel
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#58
4-Methyl-2-Pentanone
Concen: 273.964 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.4	44.0
85	16.3	13.0	19.4





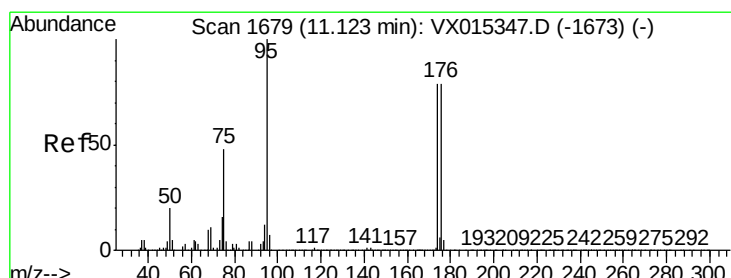
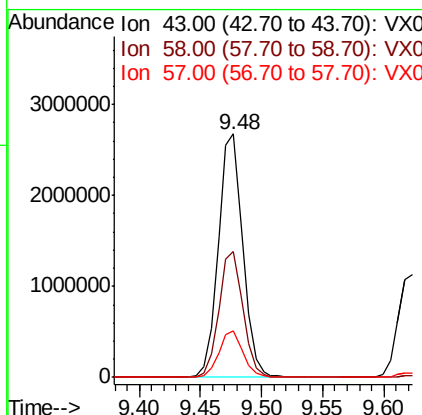
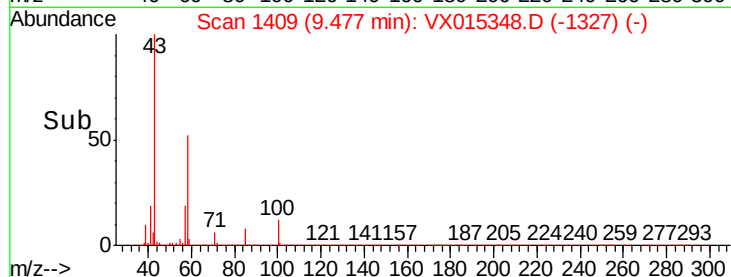
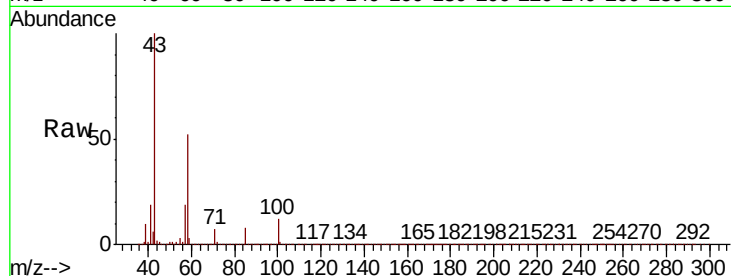
#59
2-Hexanone
Concen: 275.565 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 3698074
Ion Ratio Lower Upper
43 100
58 51.2 40.2 60.4
57 18.5 14.6 22.0

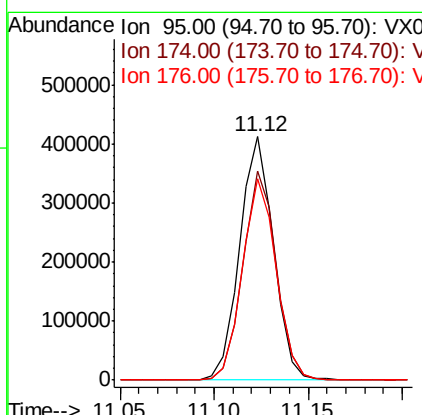
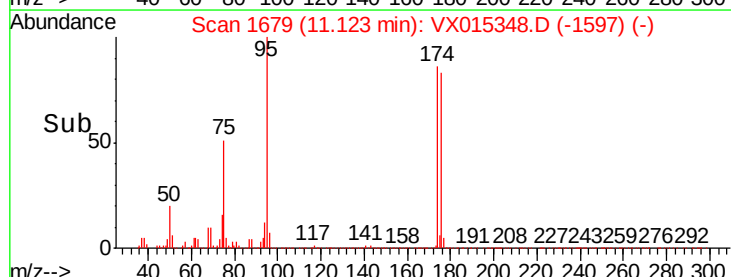
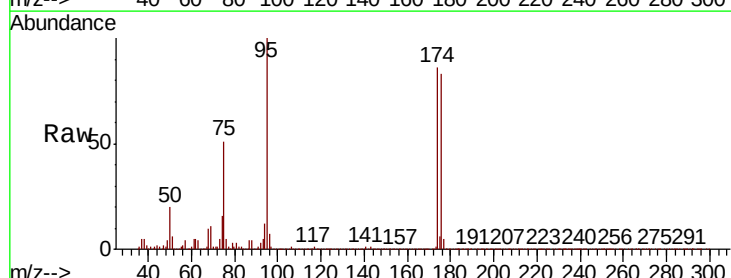
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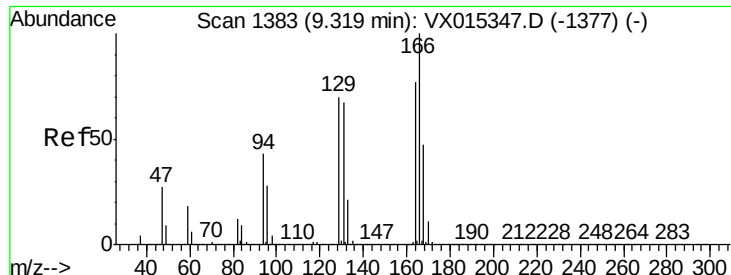
apatel
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#60
4-Bromofluorobenzene
Concen: 31.274 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion: 95 Resp: 508487
Ion Ratio Lower Upper
95 100
174 85.6 66.4 99.6
176 83.0 64.1 96.1





#61

Tetrachloroethene

Concen: 46.668 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

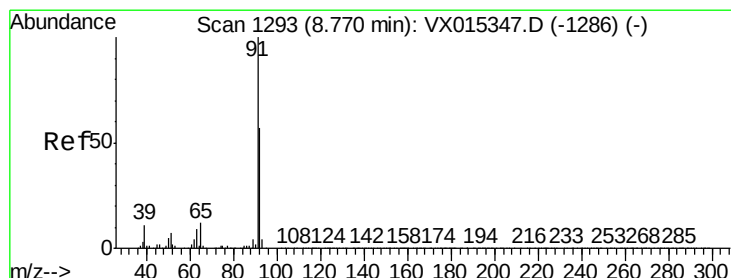
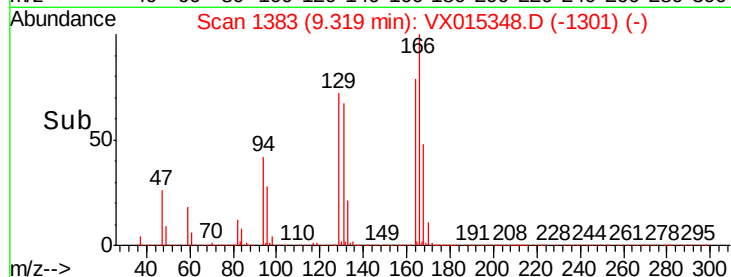
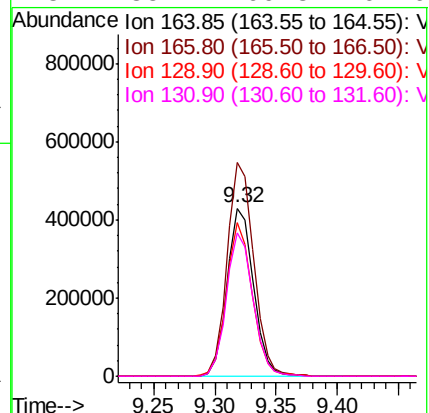
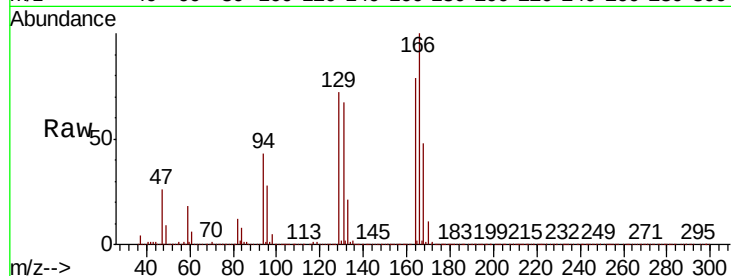
ClientSampleId :

VSTDIC050

Tot Ion:	164	Resp:	643949
Ion Ratio	Lower	Upper	
164	100		
166	127.0	103.6	155.4
129	91.6	72.6	108.8
131	85.1	69.8	104.6

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#62

Toluene

Concen: 48.144 ug/l

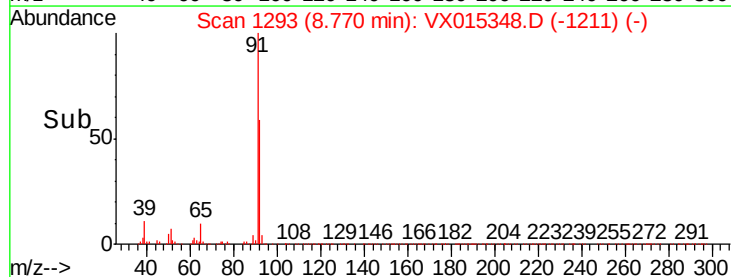
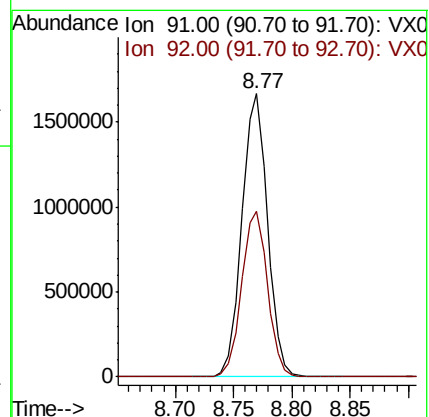
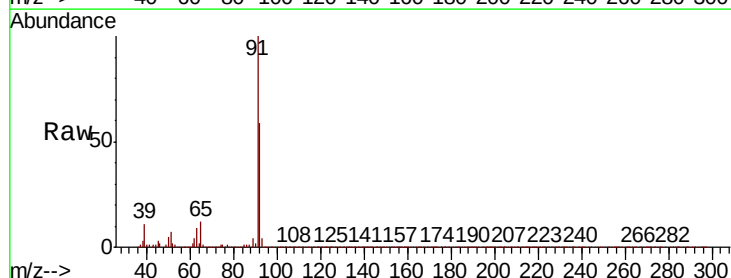
RT: 8.77 min Scan# 1293

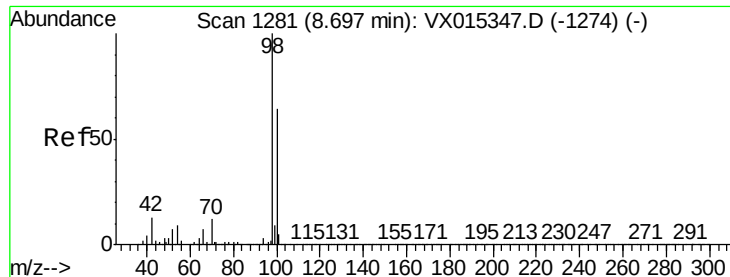
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	91	Resp:	2558823
Ion Ratio	Lower	Upper	
91	100		
92	59.1	46.7	70.1





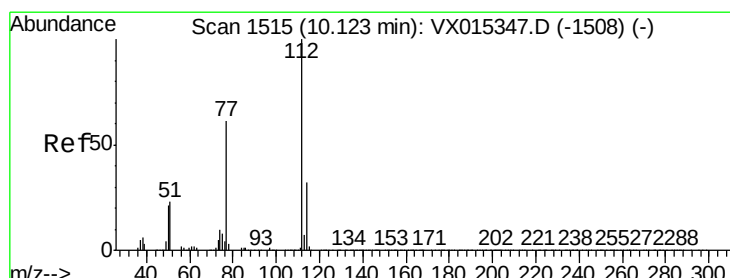
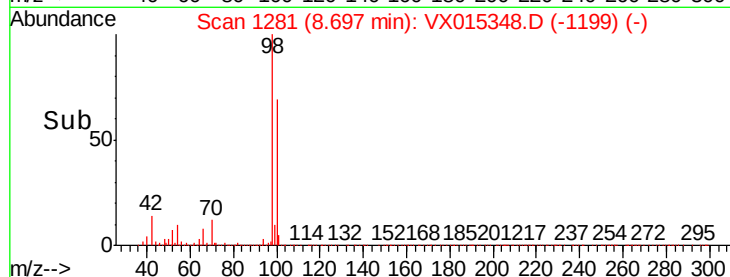
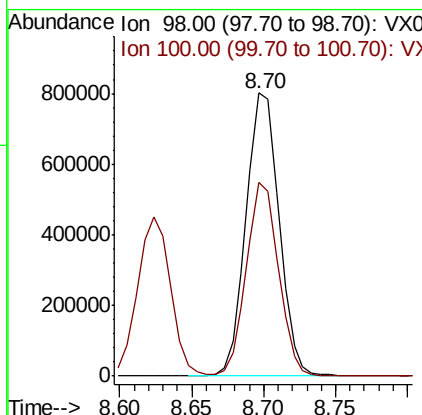
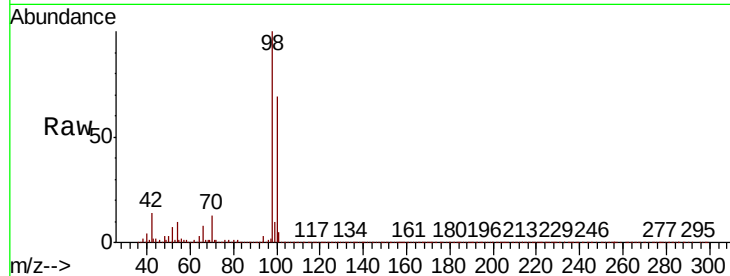
#63
Toluene-d8
Concen: 29.272 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 98 Resp: 1270605
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.2

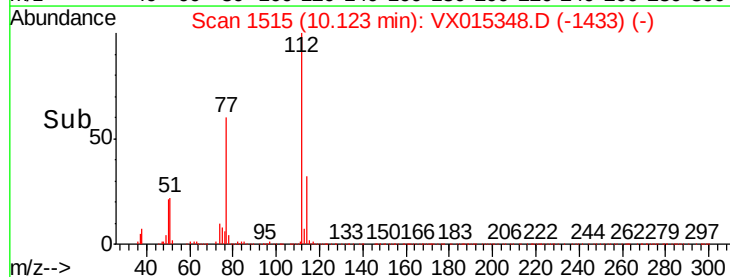
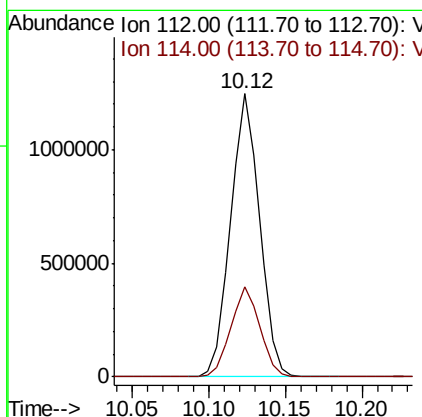
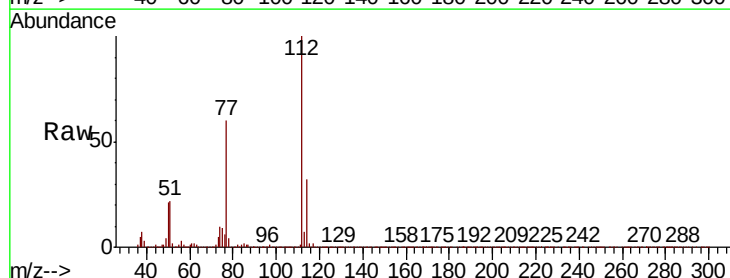
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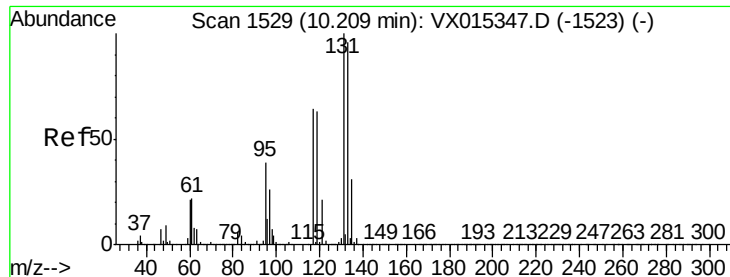
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#64
Chlorobenzene
Concen: 48.854 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion: 112 Resp: 1639059
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 52.700 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

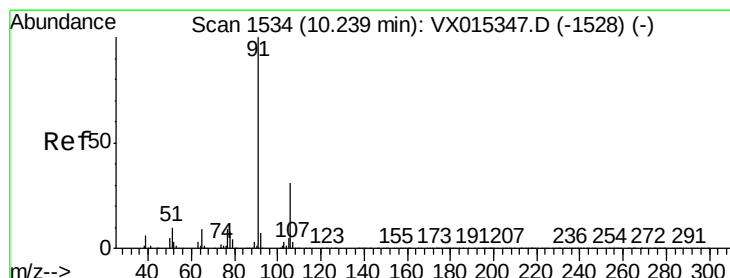
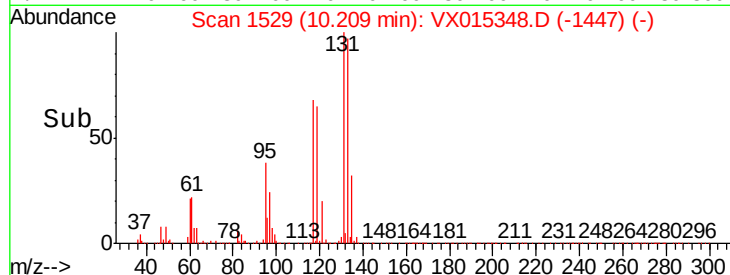
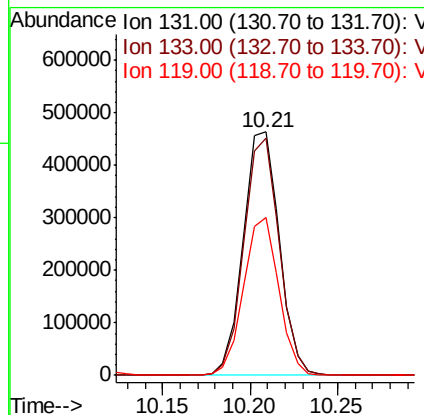
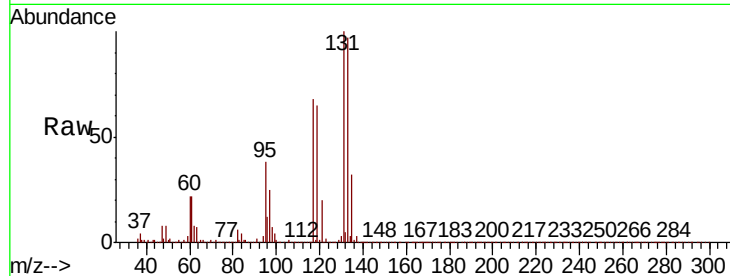
ClientSampleId :

VSTDIC050

Tot Ion:	131	Resp:	663651
Ion Ratio		Lower	Upper
131	100		
133	95.3	0.0	193.6
119	63.3	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 49.942 ug/l

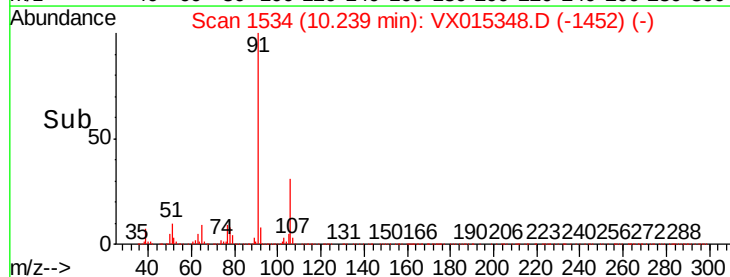
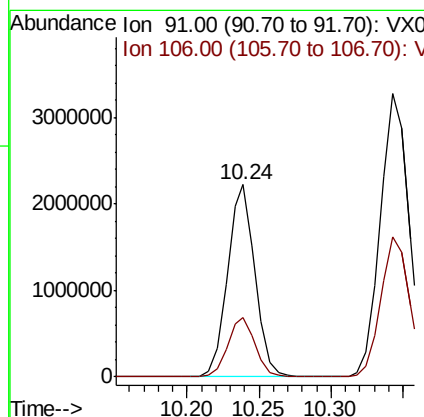
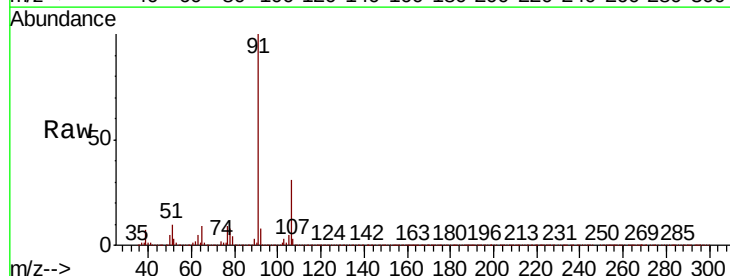
RT: 10.24 min Scan# 1534

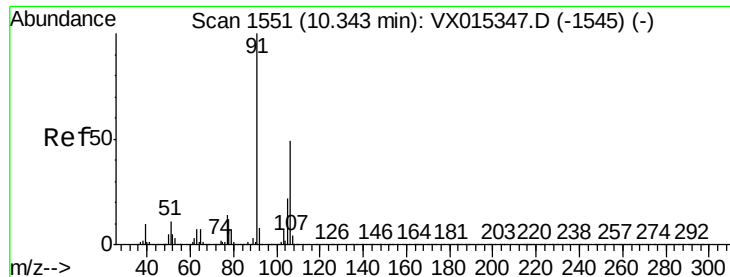
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	91	Resp:	2951156
Ion Ratio		Lower	Upper
91	100		
106	30.9	25.0	37.6





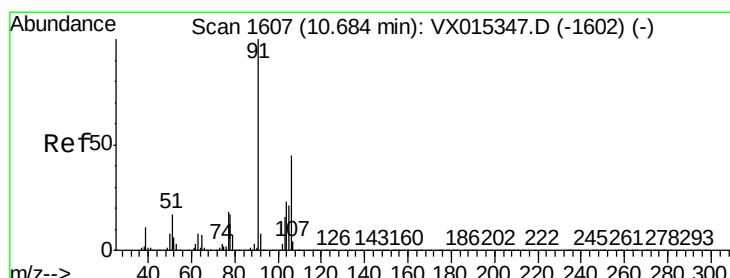
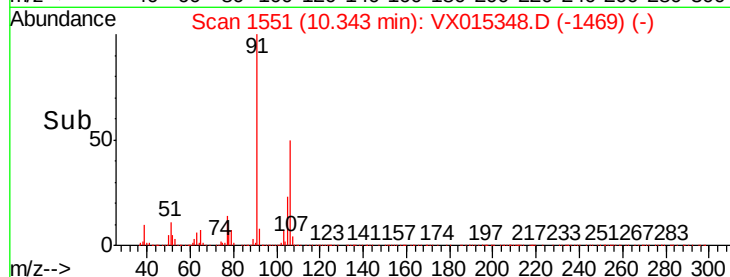
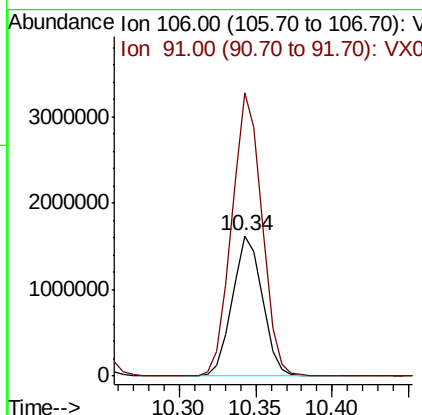
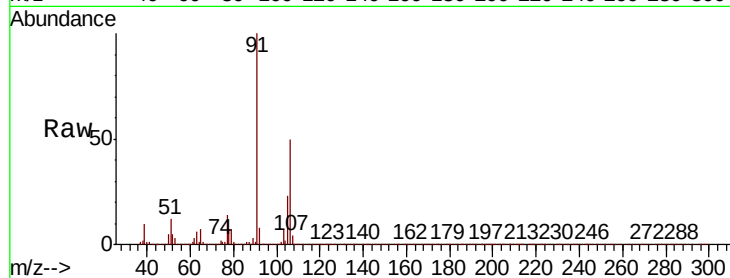
#67
m/p-Xylenes
Concen: 97.786 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:106 Resp: 2207720
Ion Ratio Lower Upper
106 100
91 202.3 165.0 247.4

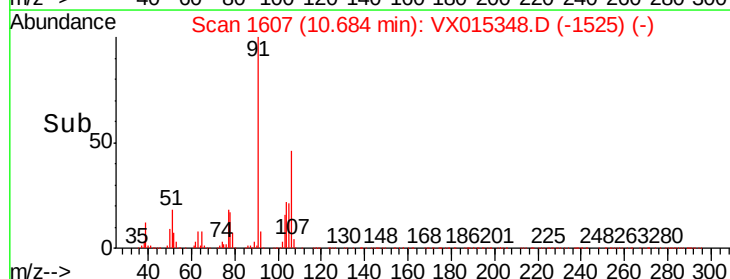
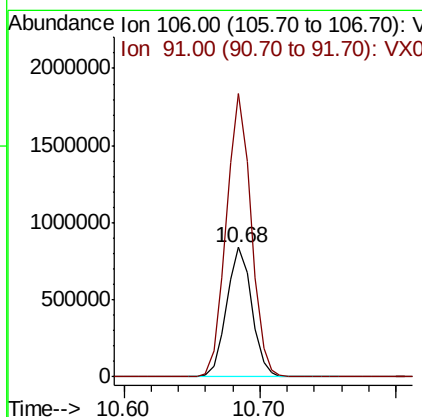
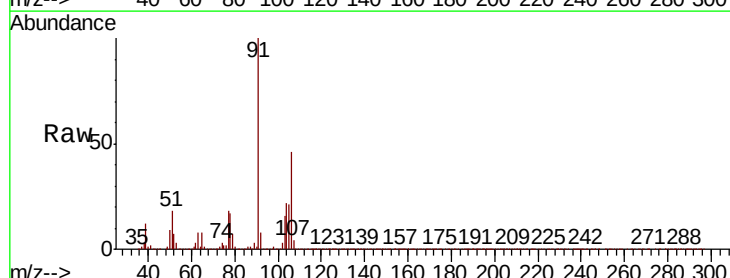
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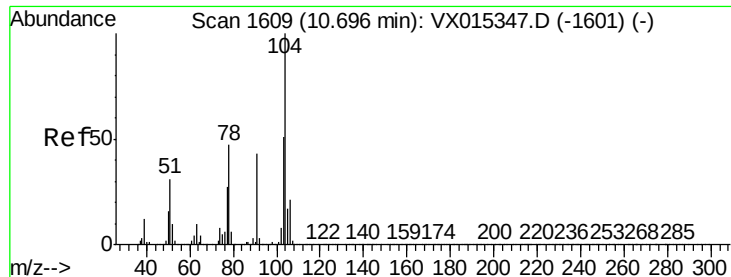
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#68
o-Xylene
Concen: 49.589 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion:106 Resp: 1079110
Ion Ratio Lower Upper
106 100
91 215.2 109.1 327.2





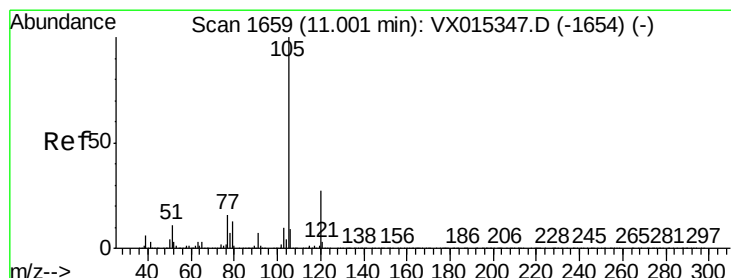
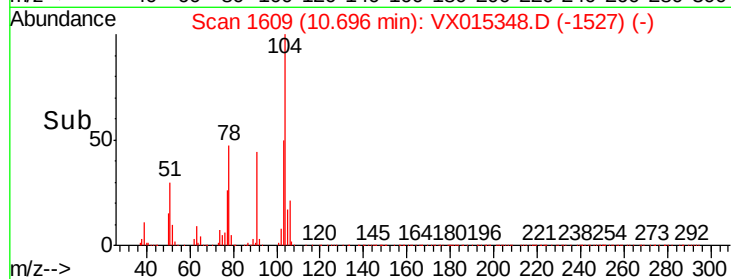
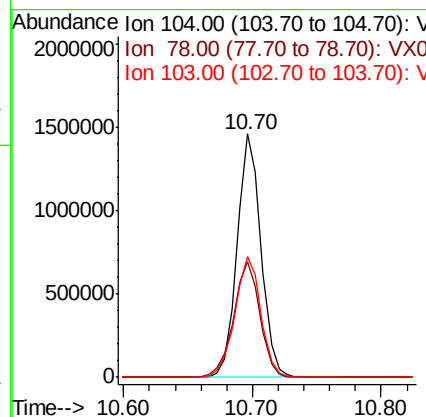
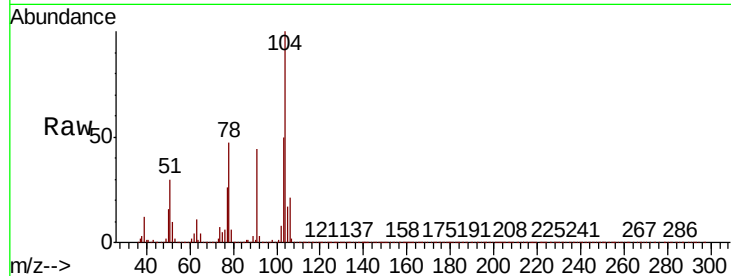
#69
Stvrene
Concen: 49.835 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.5	62.3
103	54.6	43.4	65.2

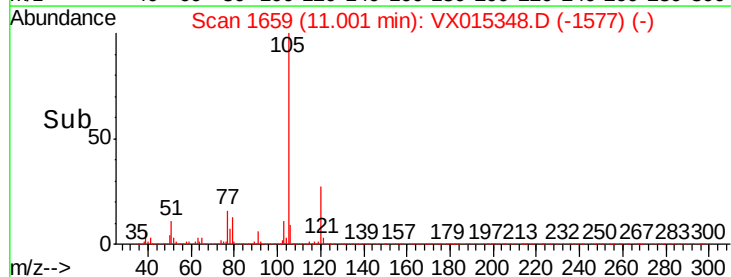
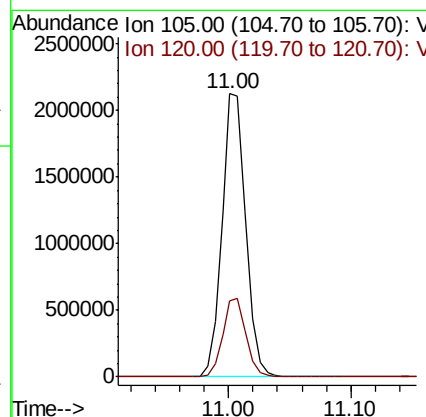
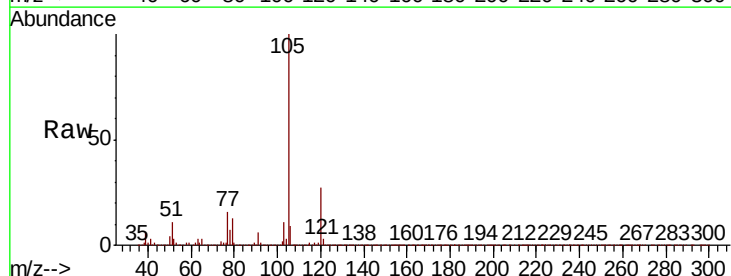
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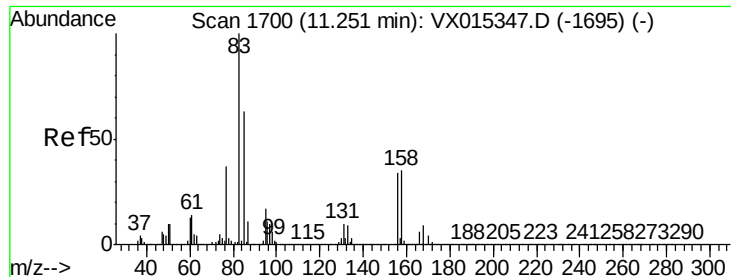
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#70
Isopropylbenzene
Concen: 49.613 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 48.437 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

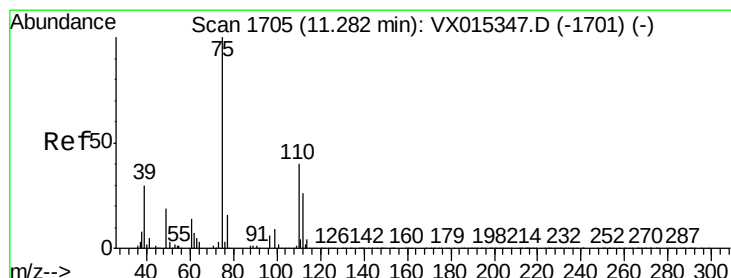
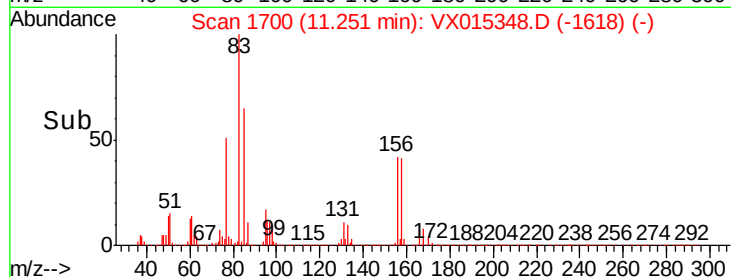
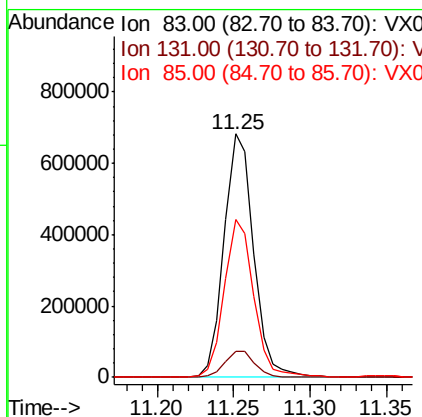
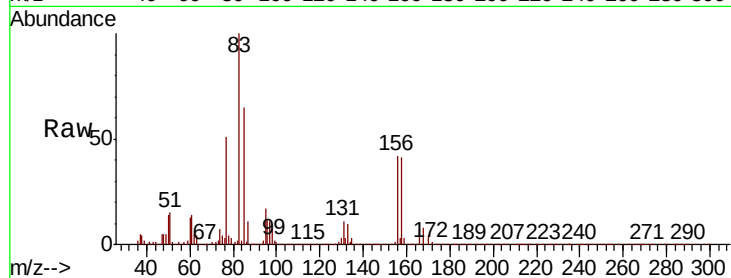
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	907386
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	15.9
85	64.2	32.0	96.2

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#72

1,2,3-Trichloropropane

Concen: 54.721 ug/l m

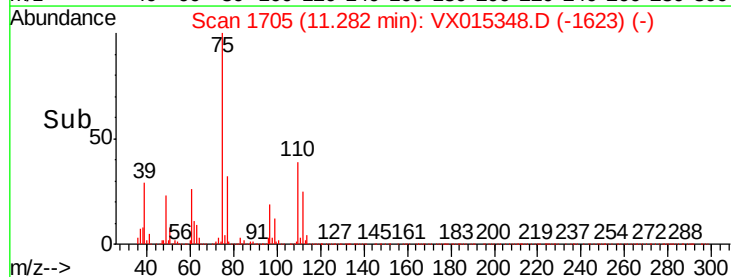
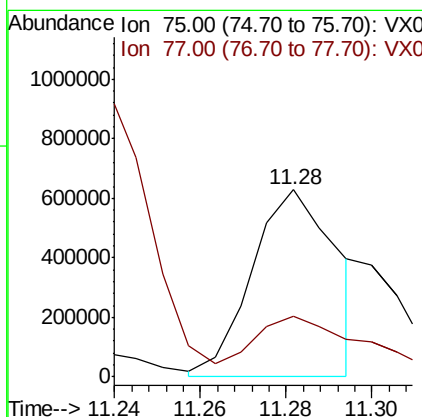
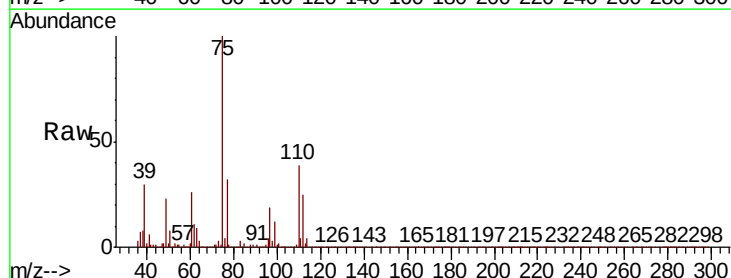
RT: 11.28 min Scan# 1705

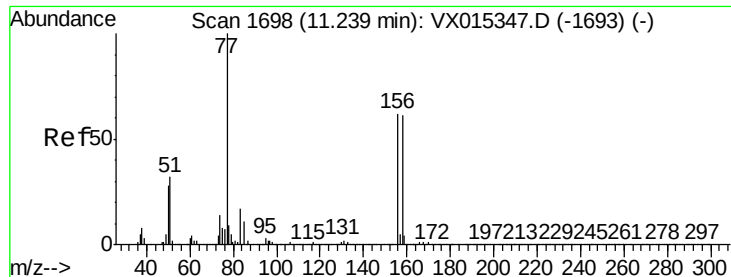
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	75	Resp:	860973
Ion Ratio	Lower	Upper	
75	100		
77	42.3	0.0	80.0





#73

Bromobenzene

Concen: 49.170 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

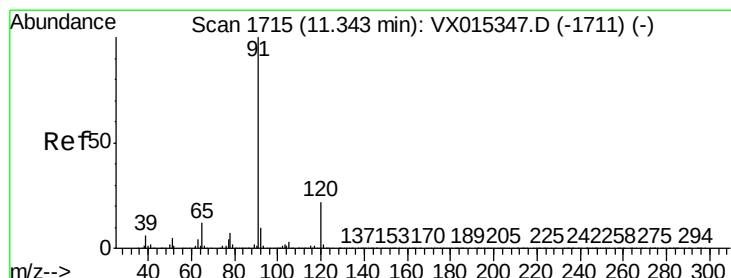
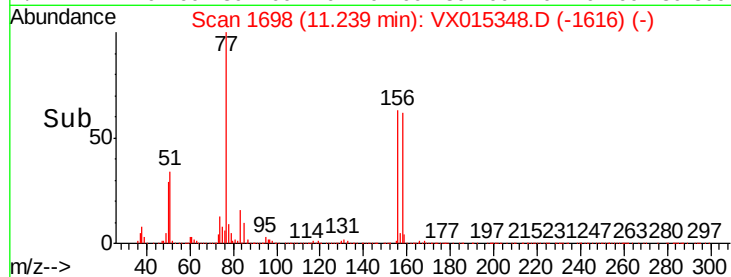
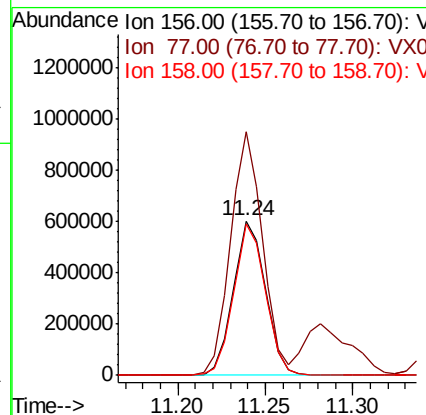
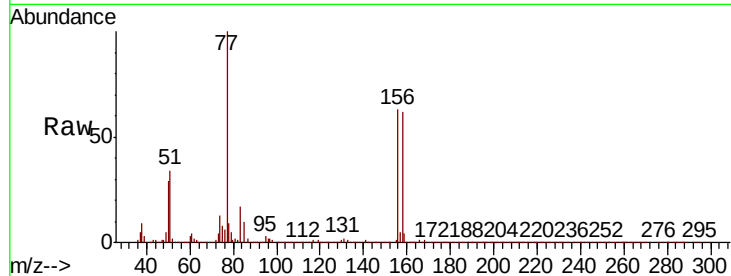
ClientSampled :

VSTDIC050

Tot Ion:	156	Resp:	770042
Ion Ratio	Lower	Upper	
156	100		
77	156.9	0.0	324.4
158	96.9	0.0	200.0

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#74

n-propylbenzene

Concen: 48.390 ug/l

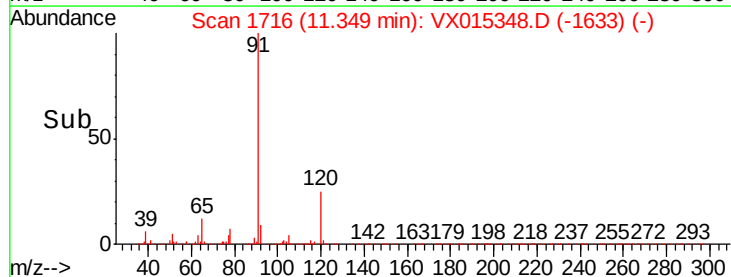
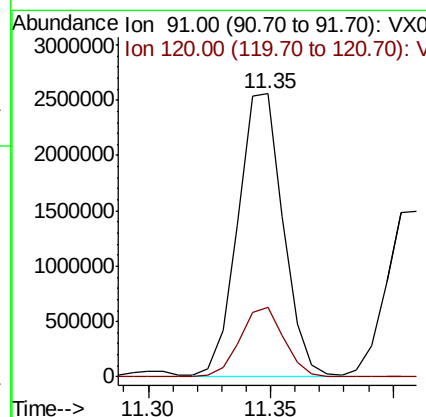
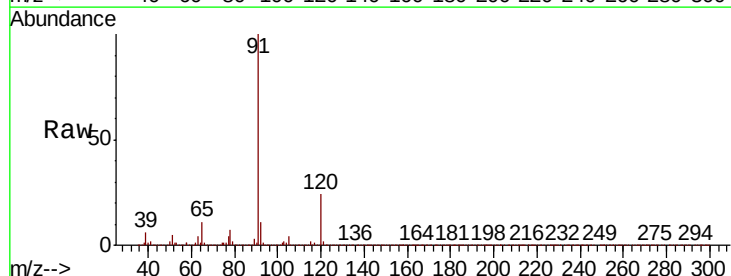
RT: 11.35 min Scan# 1716

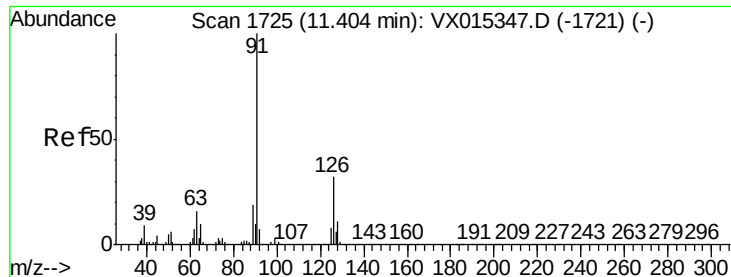
Delta R.T. 0.01 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion:	91	Resp:	3309097
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	46.2





#75

2-Chlorotoluene

Concen: 49.372 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 1982558

Ion Ratio Lower Upper

91 100

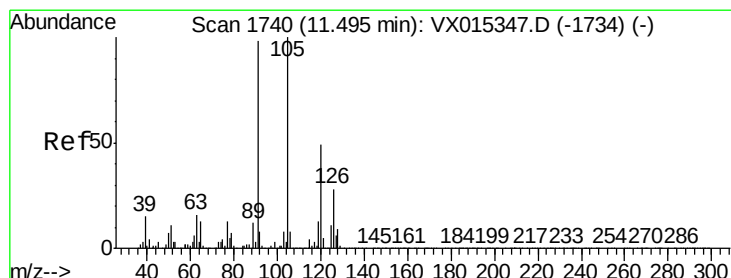
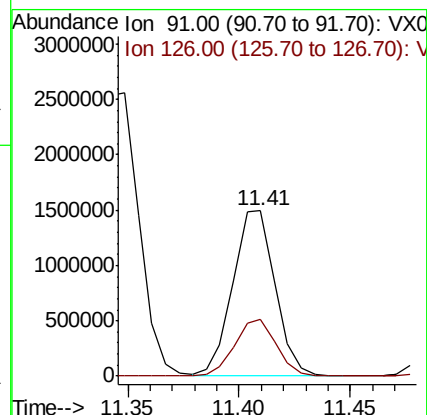
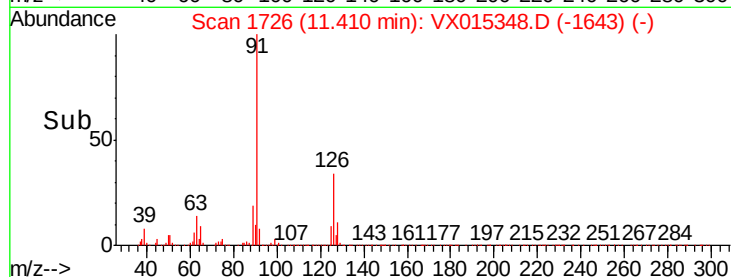
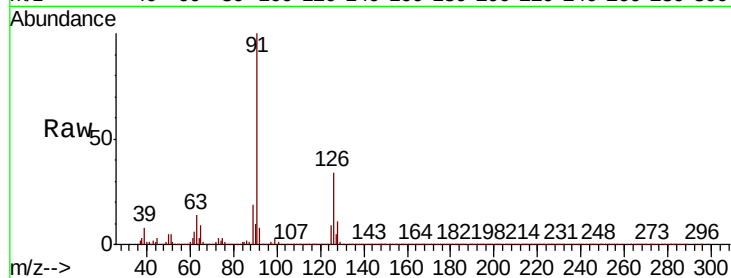
126 33.6 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 49.563 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015348.D

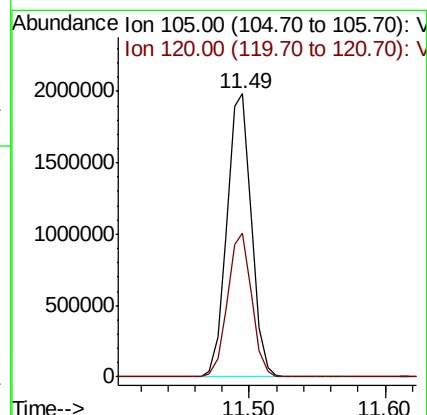
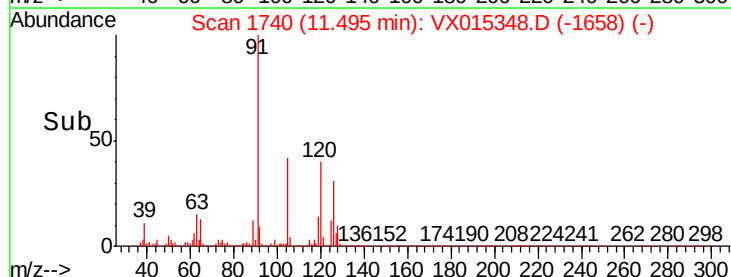
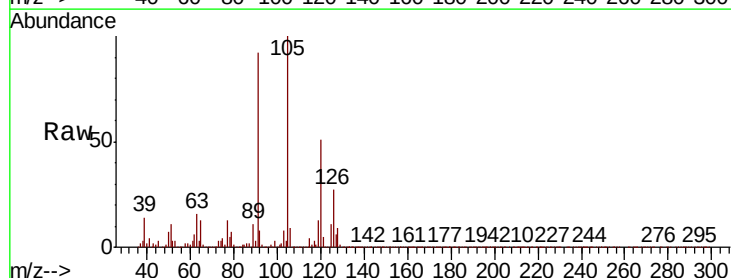
Acq: 25 Mar 2020 18:54

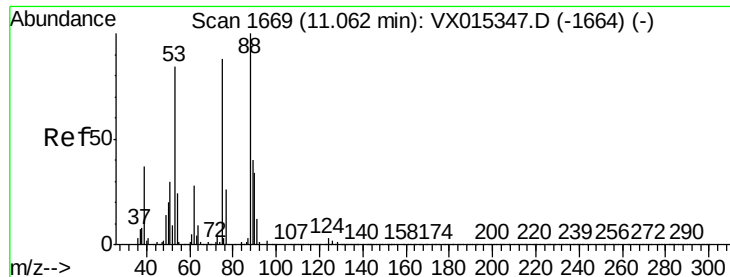
Tgt Ion: 105 Resp: 2459206

Ion Ratio Lower Upper

105 100

120 50.0 0.0 98.0





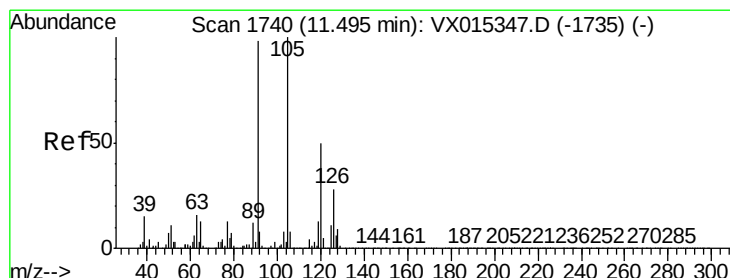
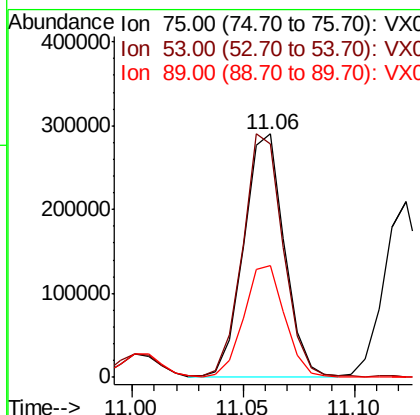
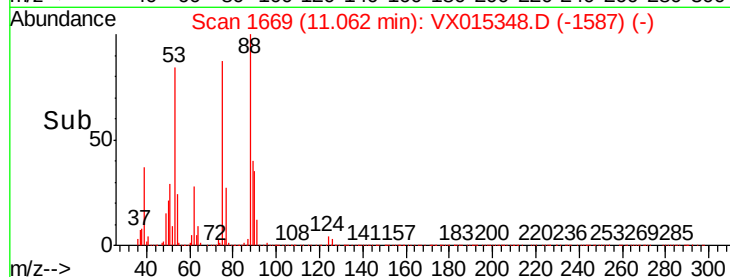
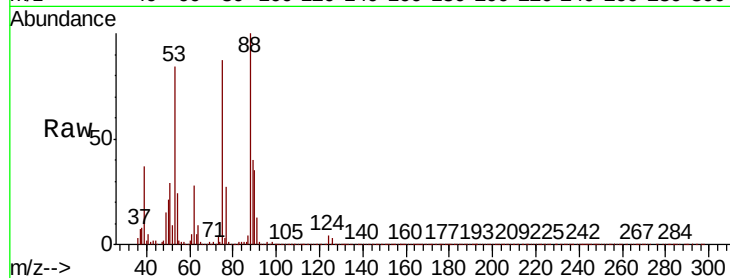
#77
t-1,4-Dichloro-2-butene
Concen: 54.625 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	47.5	142.6
89	46.0	22.8	68.3

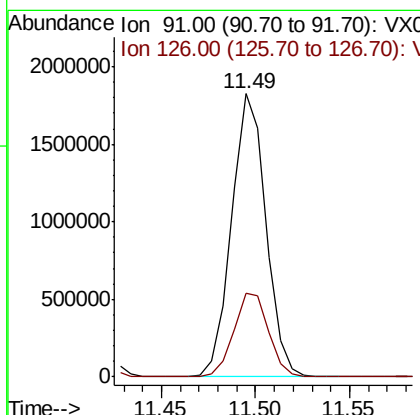
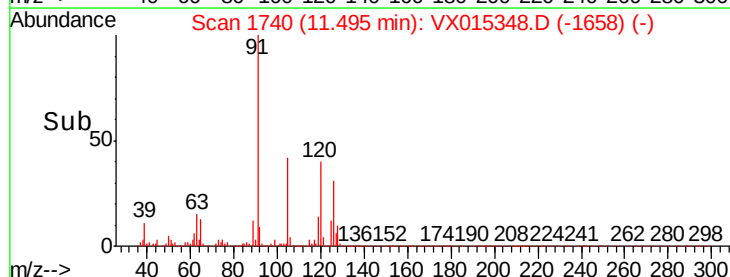
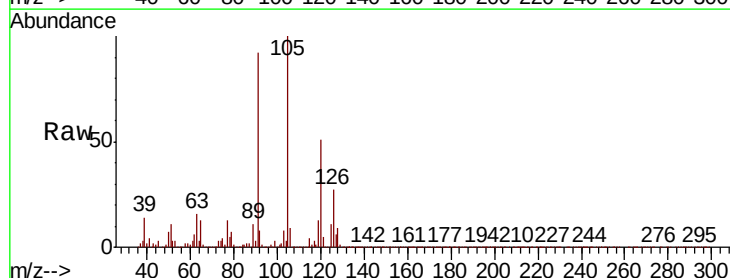
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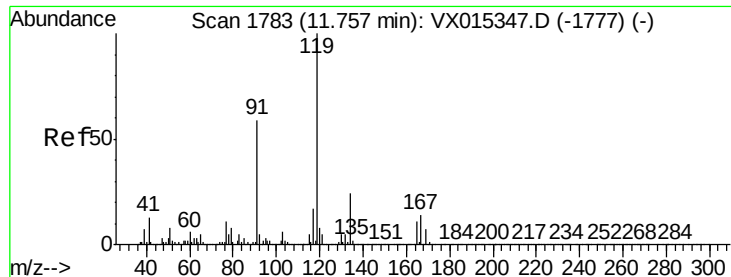
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#78
4-Chlorotoluene
Concen: 49.855 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	0.0	57.8





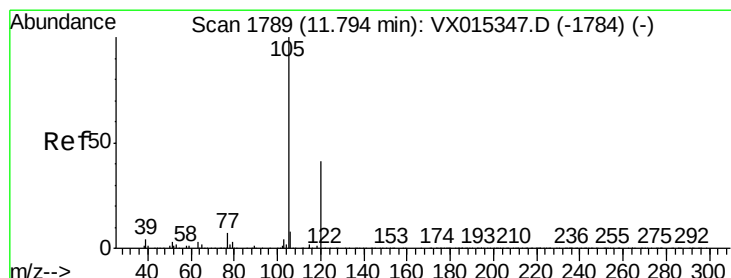
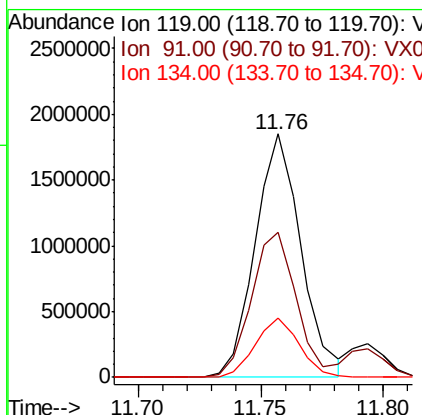
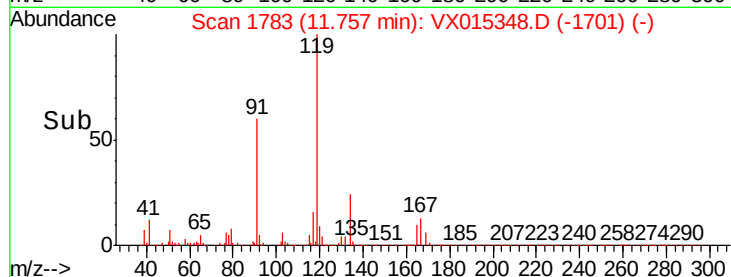
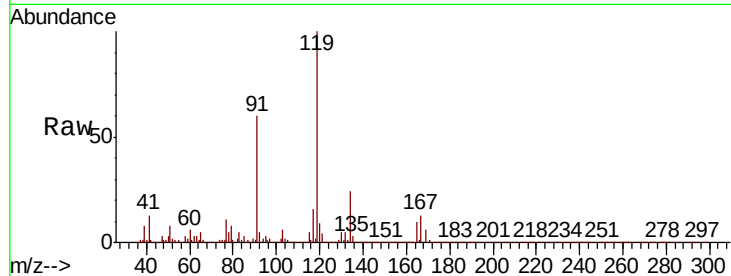
#79
tert-butylbenzene
Concen: 51.066 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	0.0	115.8
134	23.3	0.0	47.0

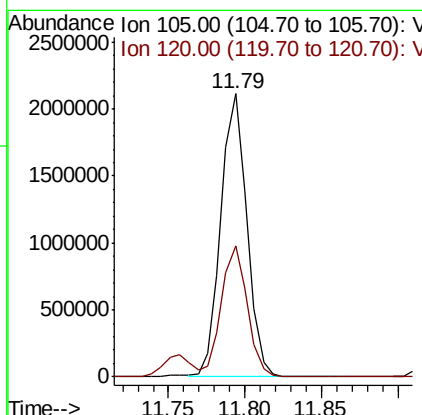
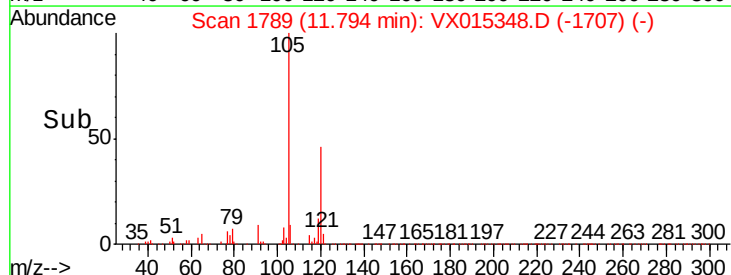
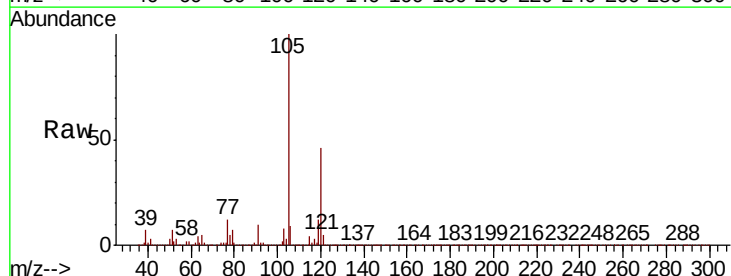
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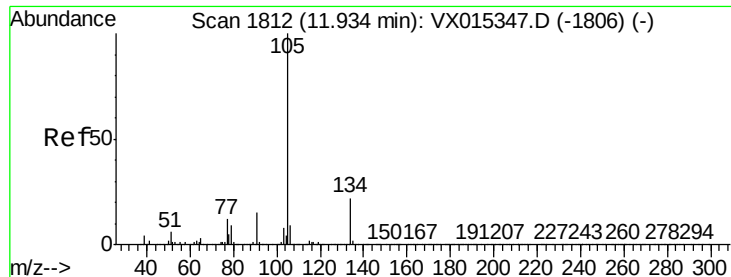
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#80
1,2,4-Trimethylbenzene
Concen: 50.275 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	0.0	91.0





#81

sec-Butylbenzene

Concen: 48.722 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion:105 Resp: 2830915

Ion Ratio Lower Upper

105 100

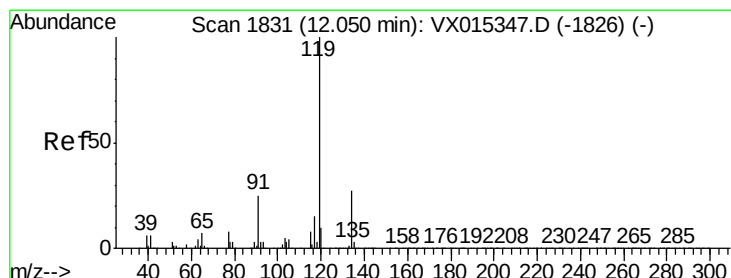
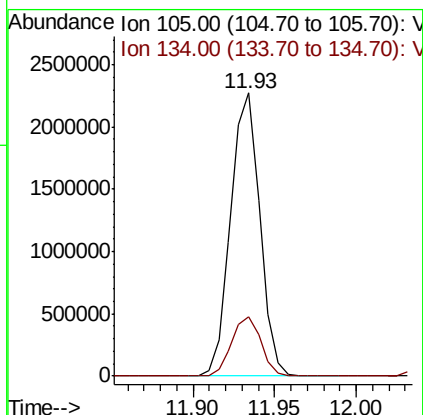
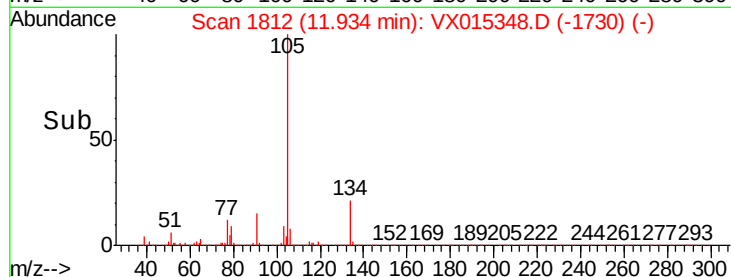
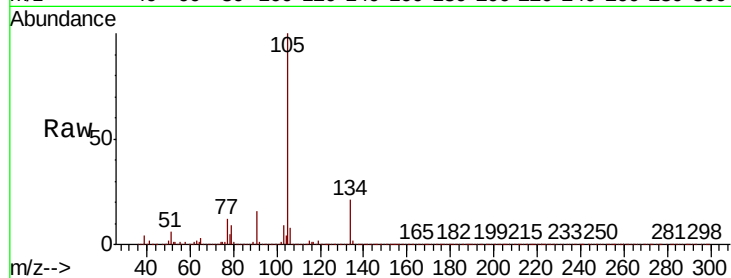
134 21.0 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 49.957 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

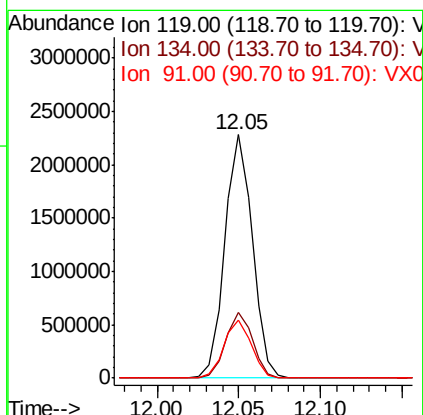
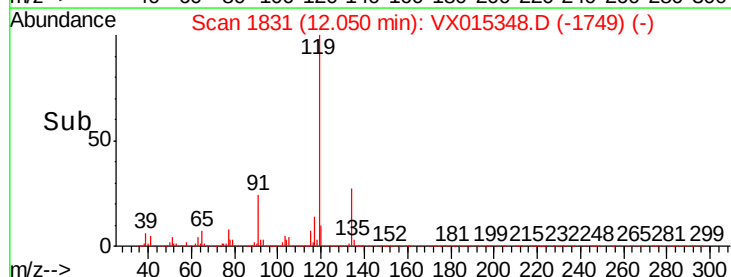
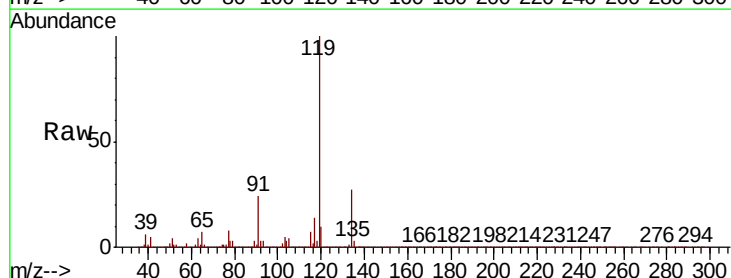
Tgt Ion:119 Resp: 2669584

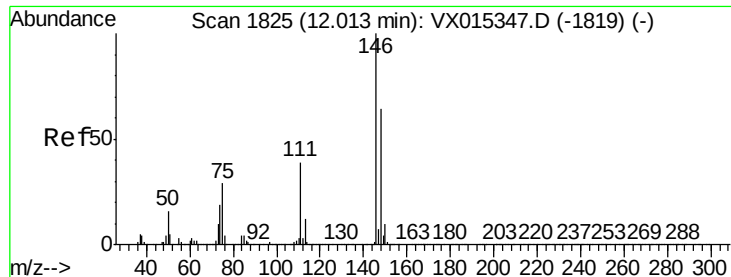
Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.2

91 23.8 0.0 48.2





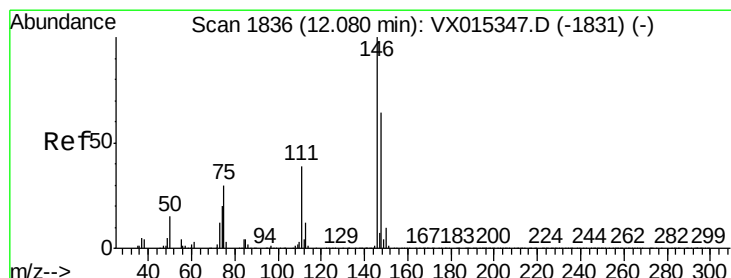
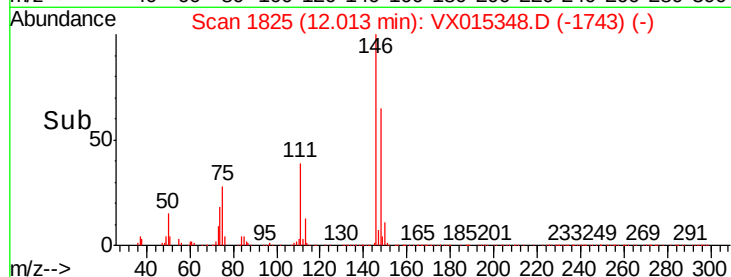
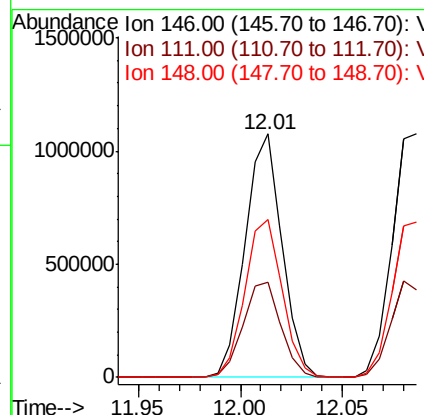
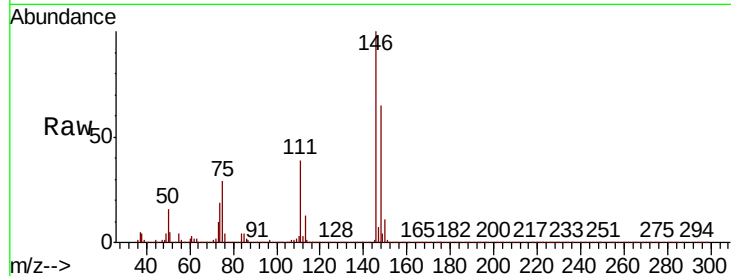
#83
1,3-Dichlorobenzene
Concen: 48.321 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	65.6	31.4	94.2

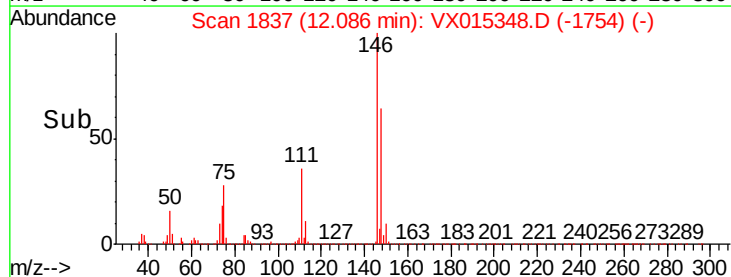
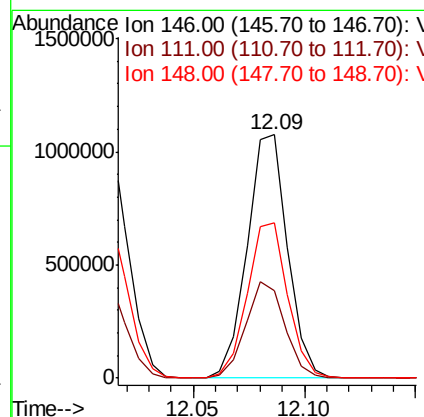
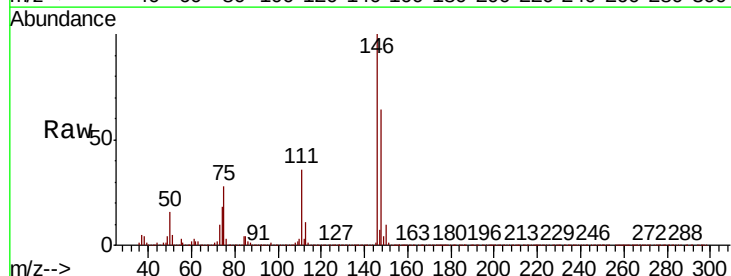
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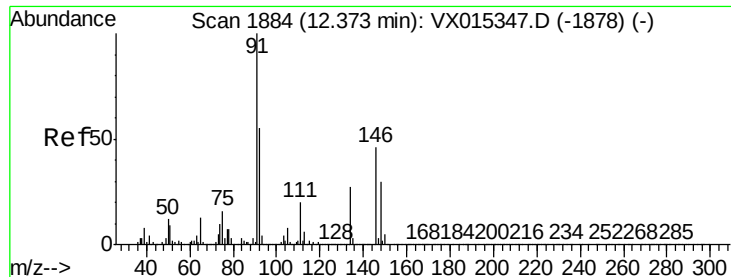
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#84
1,4-Dichlorobenzene
Concen: 48.654 ug/l
RT: 12.09 min Scan# 1837
Delta R.T. 0.01 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.9	31.4	94.3





#85

n-Butylbenzene

Concen: 50.588 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 91 Resp: 2382334

Ion Ratio Lower Upper

91 100

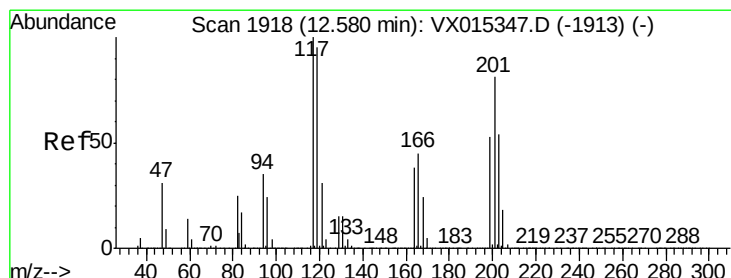
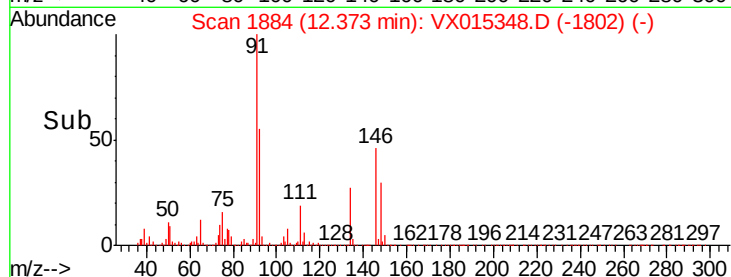
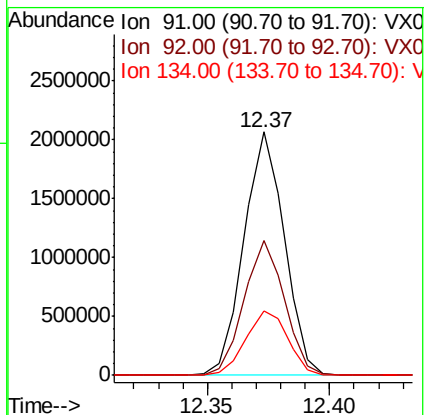
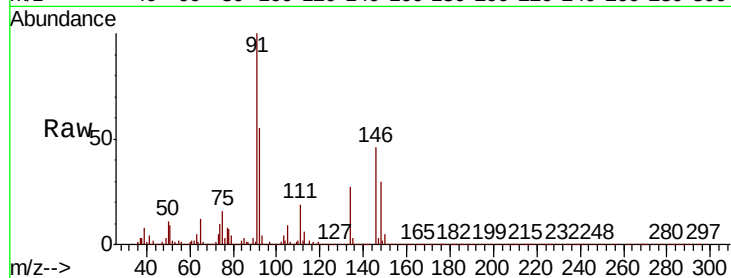
92 55.2 0.0 109.0

134 27.6 0.0 54.0

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#86

Hexachloroethane

Concen: 53.401 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015348.D

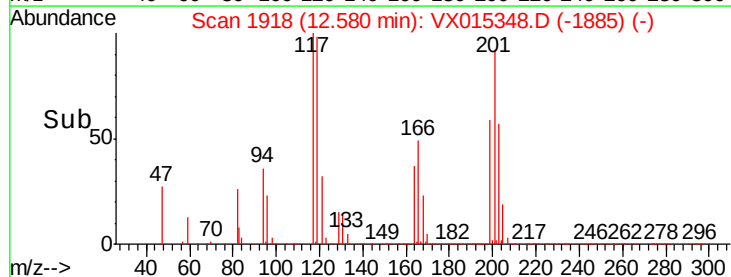
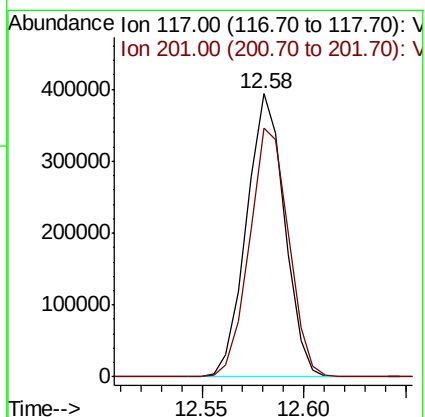
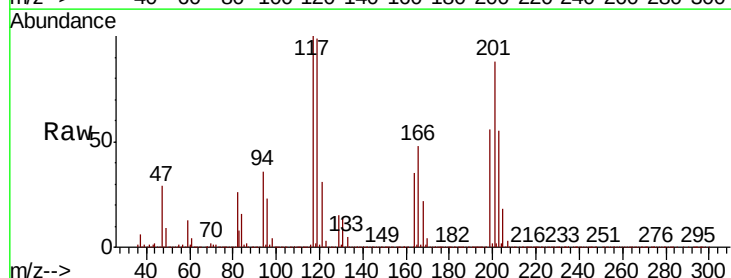
Acq: 25 Mar 2020 18:54

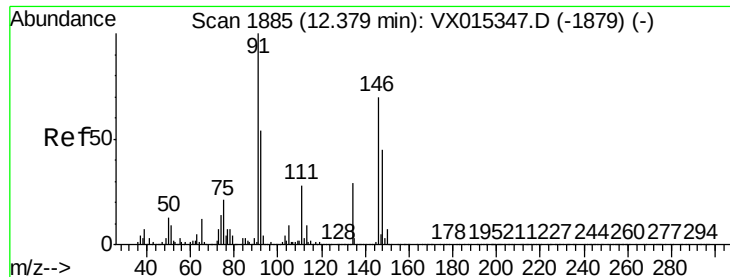
Tgt Ion: 117 Resp: 509912

Ion Ratio Lower Upper

117 100

201 90.3 44.9 134.5





#87

1,2-Dichlorobenzene

Concen: 49.092 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015348.D

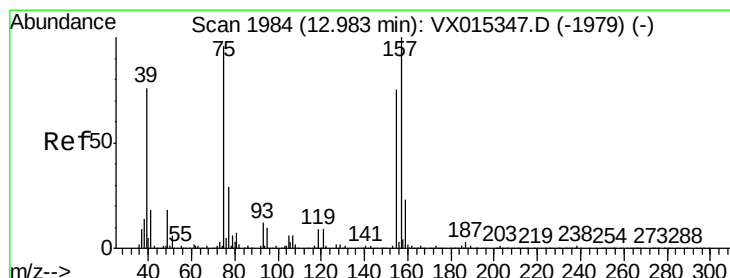
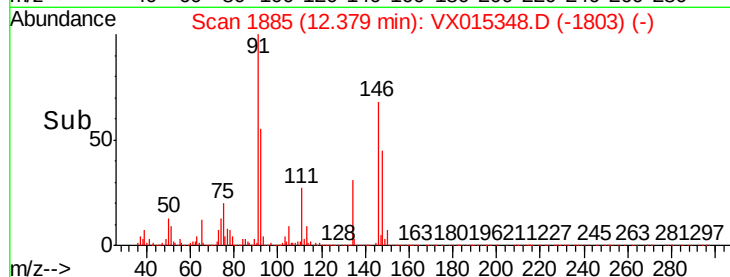
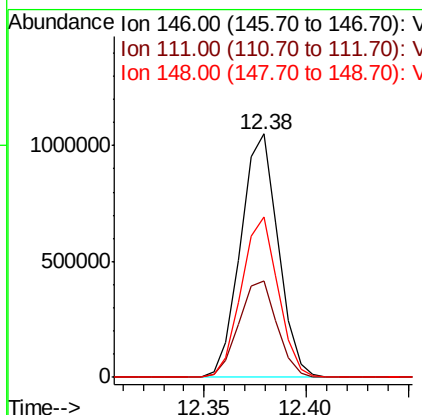
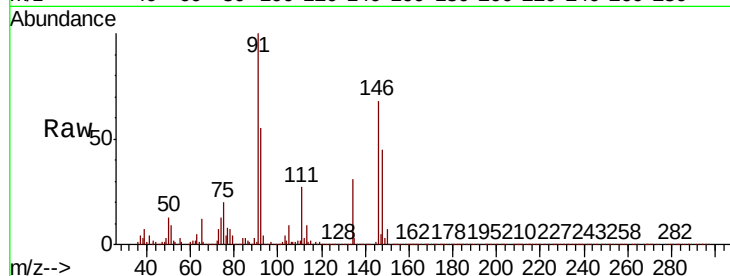
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.2
148	64.5	31.9	95.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 58.412 ug/l

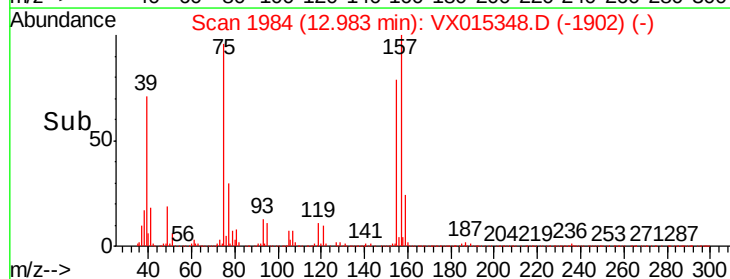
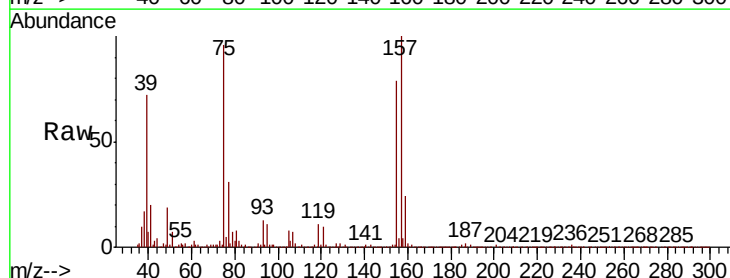
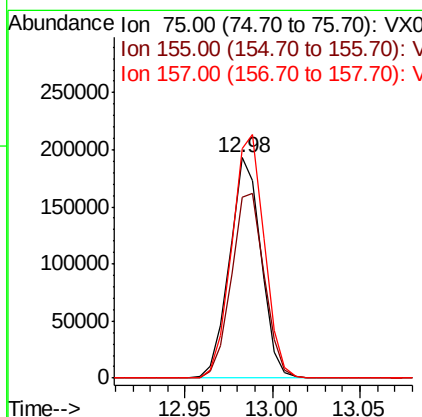
RT: 12.98 min Scan# 1984

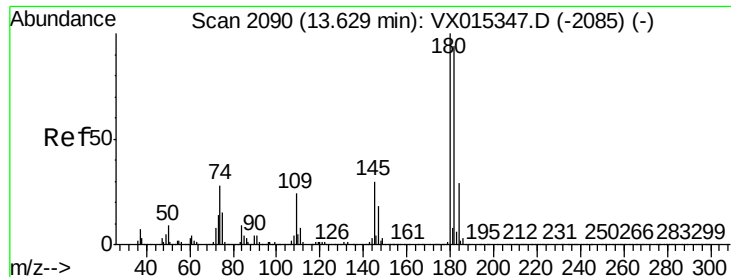
Delta R.T. 0.00 min

Lab File: VX015348.D

Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	67.7	101.5
157	113.8	88.5	132.7





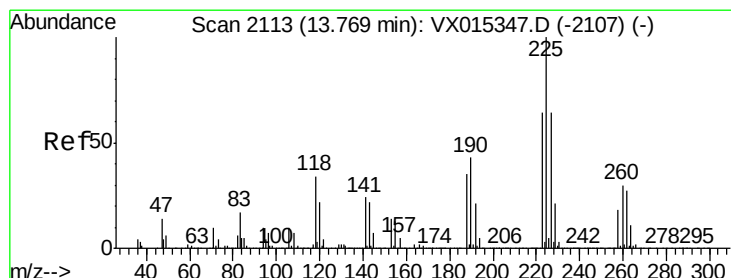
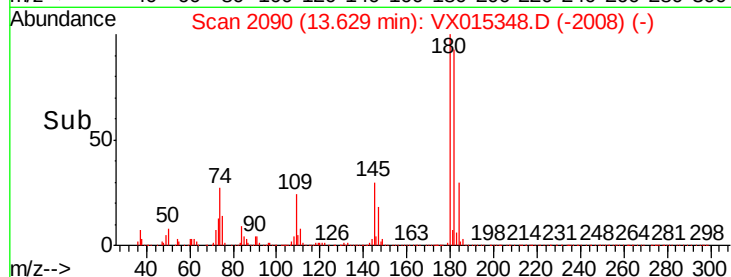
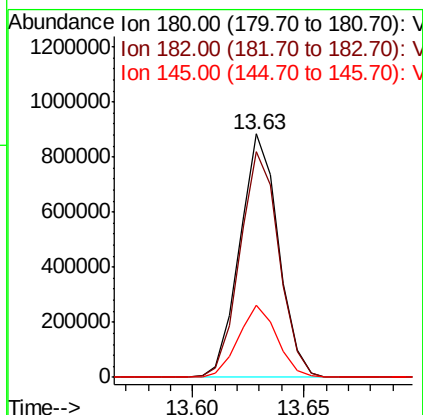
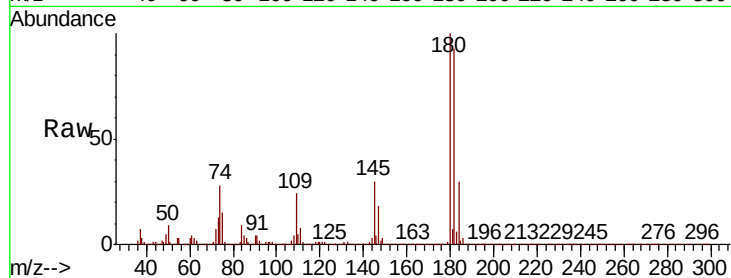
#89
 1,2,4-Trichlorobenzene
 Concen: 52.430 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.9	115.3
145	29.1	24.3	36.5

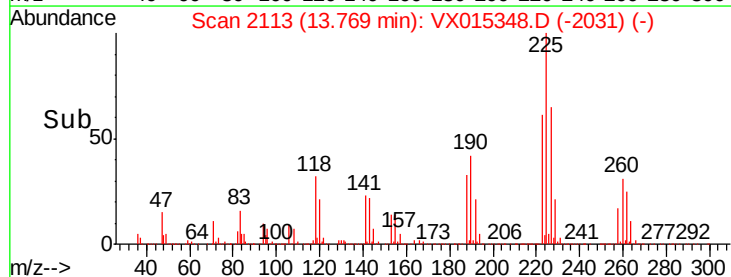
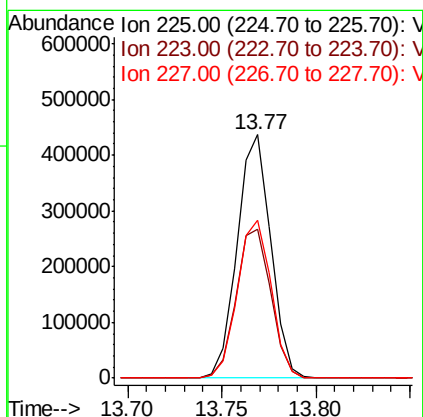
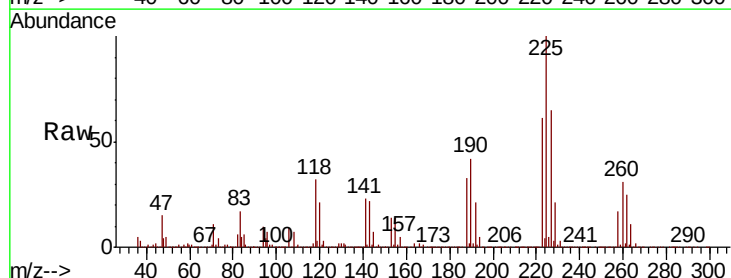
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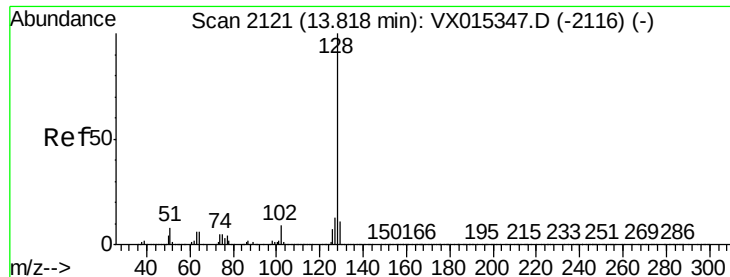
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#90
 Hexachlorobutadiene
 Concen: 51.678 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015348.D
 Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	127.0
227	65.6	0.0	126.8





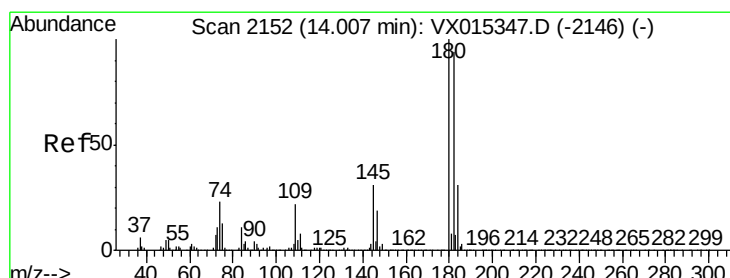
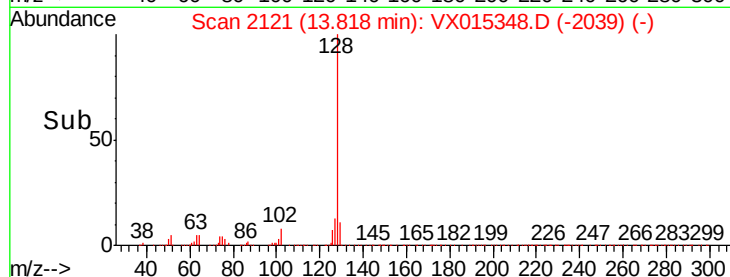
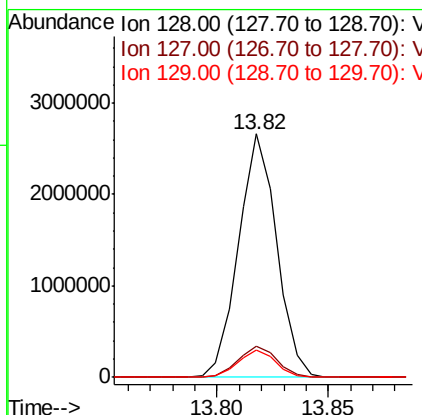
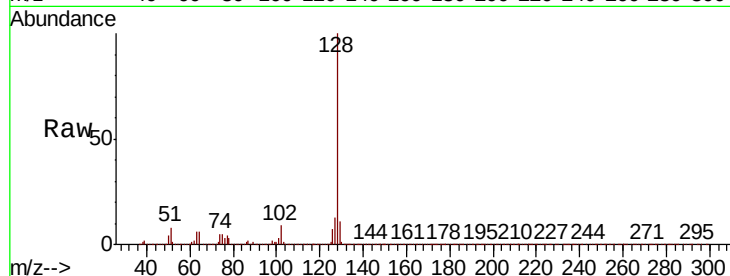
#91
Naphthalene
Concen: 55.050 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 51.716 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015348.D
Acq: 25 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	30.9	0.0	62.2

