

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015369.D
 Acq On : 26 Mar 2020 21:01
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 3/27/2020 5:16:20 PM

Quant Time: Mar 27 09:17:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1036561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1643496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1537598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	816617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1443233	106.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.68%	
35) Dibromofluoromethane	5.47	113	1068966	99.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.38%	
50) Toluene-d8	8.70	98	3920362	100.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.06%	
62) 4-Bromofluorobenzene	11.12	95	1611235	107.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1027749	94.766	ug/l	99
3) Chloromethane	1.31	50	1228379	97.285	ug/l	99
4) Vinyl Chloride	1.39	62	1144129	93.246	ug/l	99
5) Bromomethane	1.62	94	452852	95.528	ug/l	99
6) Chloroethane	1.70	64	680049	88.652	ug/l	99
7) Trichlorofluoromethane	1.91	101	1554099	95.471	ug/l	98
8) Diethyl Ether	2.17	74	593776	84.733	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1005574	82.301	ug/l	99
10) Methyl Iodide	2.49	142	1504478	110.058	ug/l	99
11) Tert butyl alcohol	3.03	59	1659050	597.252	ug/l	99
12) 1,1-Dichloroethene	2.35	96	1024681	79.927	ug/l	96
13) Acrolein	2.27	56	1032095	421.690	ug/l	100
14) Allyl chloride	2.70	41	2341014	114.033	ug/l	99
15) Acrylonitrile	3.12	53	3325016	491.864	ug/l	100
16) Acetone	2.42	43	3052946	529.730	ug/l	98
17) Carbon Disulfide	2.55	76	3102489	89.499	ug/l	99
18) Methyl Acetate	2.75	43	1579263	108.855	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	3808891	97.859	ug/l	100
20) Methylene Chloride	2.83	84	1150371	75.754	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	1109720	79.536	ug/l	98
22) Diisopropyl ether	3.83	45	4112068	101.743	ug/l	97
23) Vinyl Acetate	3.79	43	17868905	539.391	ug/l	98
24) 1,1-Dichloroethane	3.67	63	2149307	89.574	ug/l	99
25) 2-Butanone	4.64	43	4956986	563.683	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1793920	95.958	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	1271164	82.457	ug/l	98
28) Bromochloromethane	4.98	49	1033746	101.730	ug/l	100
29) Tetrahydrofuran	5.09	42	3199121	560.867	ug/l	100
30) Chloroform	5.18	83	2085675	86.244	ug/l	96
31) Cyclohexane	5.55	56	2005483	107.636	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	1936442	97.863	ug/l	99
36) 1,1-Dichloropropene	5.78	75	1608007	105.285	ug/l	100
37) Ethyl Acetate	4.80	43	1973991	128.936	ug/l	100
38) Carbon Tetrachloride	5.76	117	1733285	118.008	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1924283	108.490	ug/l	99
40) Benzene	6.12	78	4586337	97.934	ug/l	99
41) Methacrylonitrile	5.01	41	1132969	136.433	ug/l	100
42) 1,2-Dichloroethane	6.17	62	1821293	121.028	ug/l	100
43) Isopropyl Acetate	6.42	43	3412760	143.895	ug/l	99
44) Trichloroethene	7.19	130	1285637	100.193	ug/l	97
45) 1,2-Dichloropropane	7.50	63	1245328	110.111	ug/l	97
46) Dibromomethane	7.64	93	808762	102.254	ug/l	98
47) Bromodichloromethane	7.88	83	1764225	116.771	ug/l	97
48) Methyl methacrylate	7.75	41	1710289	150.135	ug/l	99
49) 1,4-Dioxane	7.72	88	641253	2212.084	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	9265084	645.829	ug/l	99
52) Toluene	8.77	92	2876879	100.229	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	2051521	125.005	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	2102920	115.371	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	1158144	94.267	ug/l	99
56) Ethyl methacrylate	9.16	69	2068669	123.843	ug/l	99
57) 1,3-Dichloropropane	9.36	76	2030977	99.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	4989878	534.555	ug/l	100
59) 2-Hexanone	9.48	43	7224701	674.726	ug/l	98
60) Dibromochloromethane	9.57	129	1401114	113.499	ug/l	99
61) 1,2-Dibromoethane	9.65	107	1255004	99.825	ug/l	100
64) Tetrachloroethene	9.32	164	1155540	104.459	ug/l	99
65) Chlorobenzene	10.12	112	3079002	96.146	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	1227144	103.531	ug/l	97
67) Ethyl Benzene	10.24	91	5579202	102.431	ug/l	99
68) m/p-Xylenes	10.34	106	4128239	200.124	ug/l	97
69) o-Xylene	10.68	106	2055565	102.510	ug/l	99
70) Styrene	10.70	104	3637403	108.551	ug/l	99
71) Bromoform	10.84	173	1145058	139.720	ug/l #	97
73) Isopropylbenzene	11.00	105	5461572	91.765	ug/l	98
74) N-amyl acetate	10.89	43	3009458	133.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1837137	96.516	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1694546m	98.594	ug/l	
77) Bromobenzene	11.24	156	1415938	99.218	ug/l	99
78) n-propylbenzene	11.35	91	6227162	93.144	ug/l	99
79) 2-Chlorotoluene	11.41	91	3797969	93.311	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	4608812	95.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	719096	111.779	ug/l	98
82) 4-Chlorotoluene	11.49	91	4428596	95.834	ug/l	98
83) tert-Butylbenzene	11.76	119	4615203	97.774	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	4745073	95.480	ug/l	100
85) sec-Butylbenzene	11.93	105	5307210	94.917	ug/l	99
86) p-Isopropyltoluene	12.05	119	5065440	100.876	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2631666	98.382	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	2627468	93.722	ug/l	100
89) n-Butylbenzene	12.37	91	4560753	96.546	ug/l	99
90) Hexachloroethane	12.58	117	1000988	101.498	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	2587077	96.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	508575	119.124	ug/l	98

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ClientSampleId :
VSTDICC100

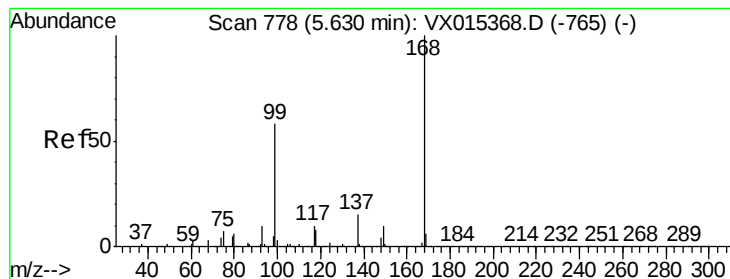
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2042085	121.875	ug/l	97
94) Hexachlorobutadiene	13.77	225	998806	141.906	ug/l	97
95) Naphthalene	13.82	128	6210059	114.039	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2053227	124.744	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 1036561

Ion Ratio Lower Upper

168 100

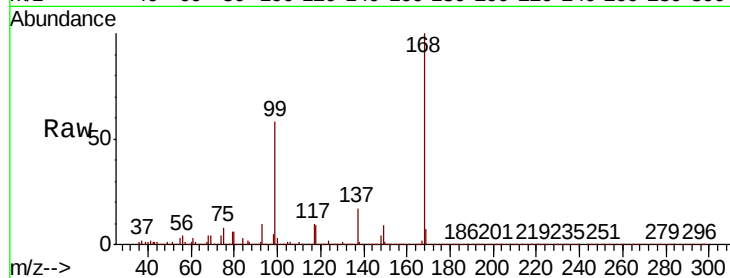
99 57.4 46.4 69.6

Manual Integrations

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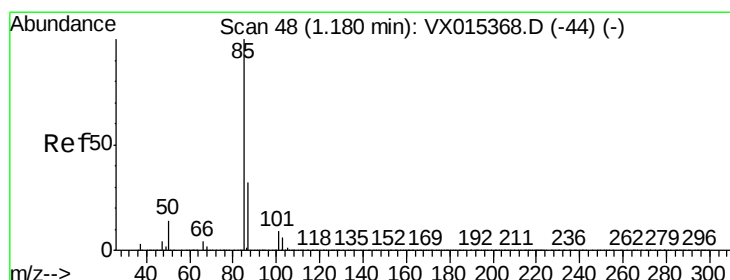
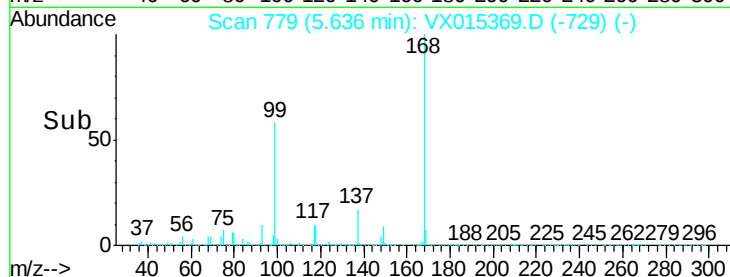
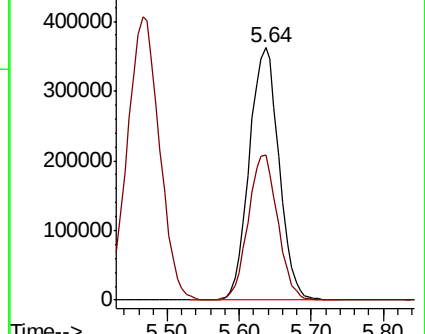
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 94.766 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015369.D

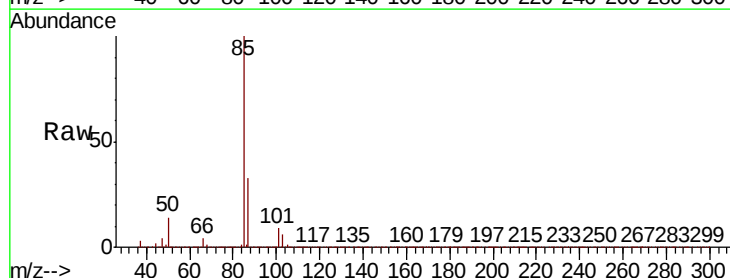
Acq: 26 Mar 2020 21:01

Tgt Ion: 85 Resp: 1027749

Ion Ratio Lower Upper

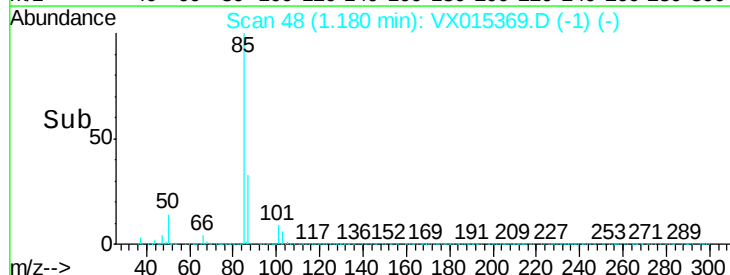
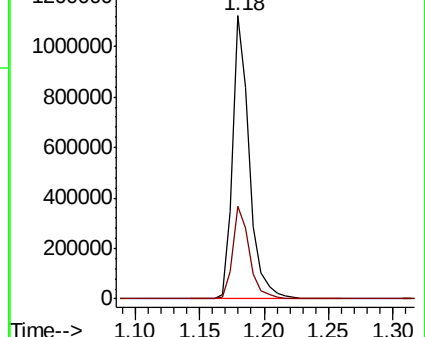
85 100

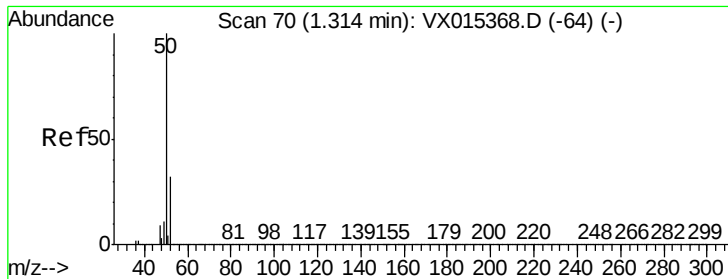
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





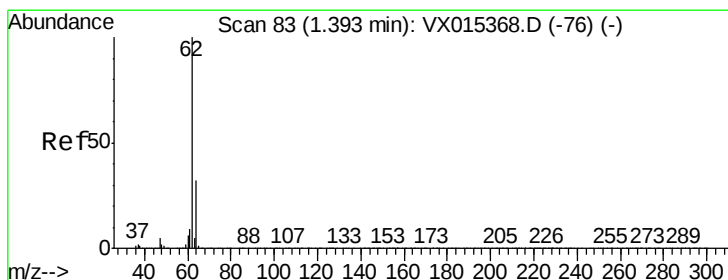
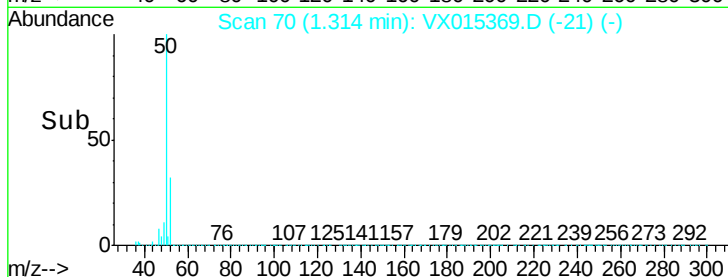
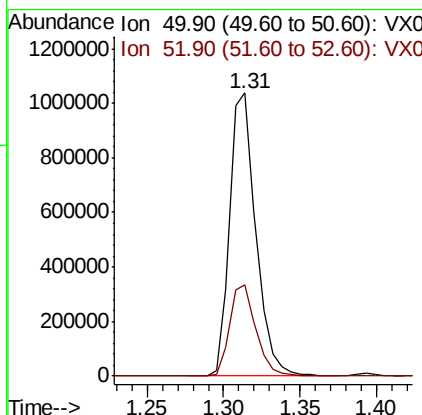
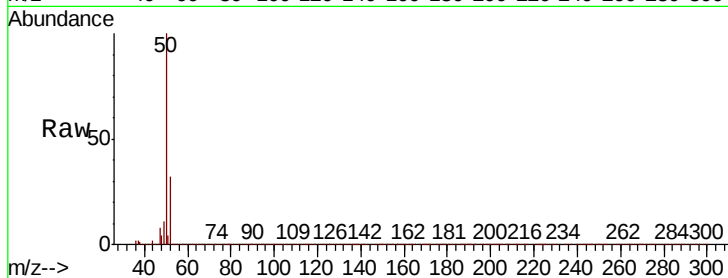
#3
Chloromethane
Concen: 97.285 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 50 Resp: 1228379
Ion Ratio Lower Upper
50 100
52 32.2 25.3 37.9

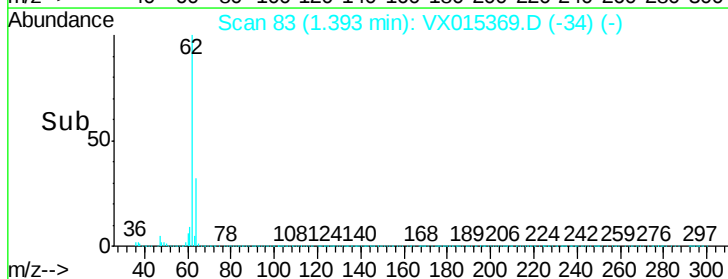
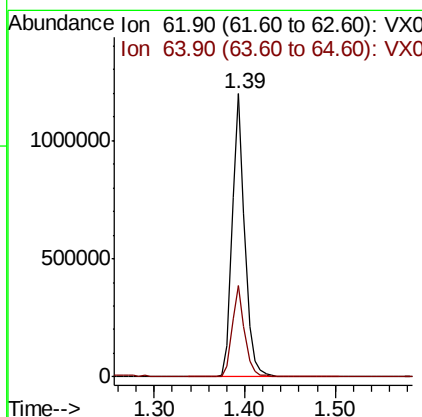
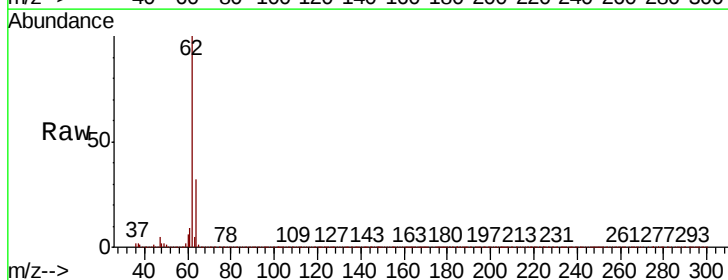
Manual Integrations
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#4
Vinyl Chloride
Concen: 93.246 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 62 Resp: 1144129
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5

Bromomethane

Concen: 95.528 ug/l

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 452852

Ion Ratio Lower Upper

94 100

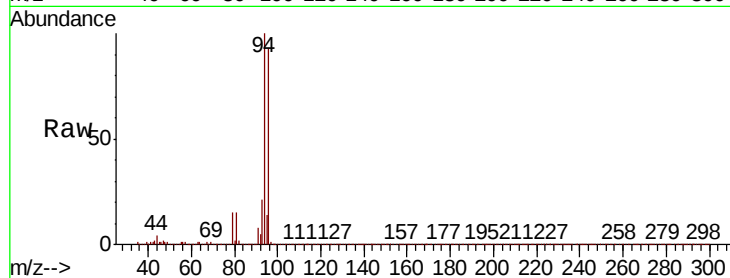
96 92.5 74.8 112.2

Manual Integrations

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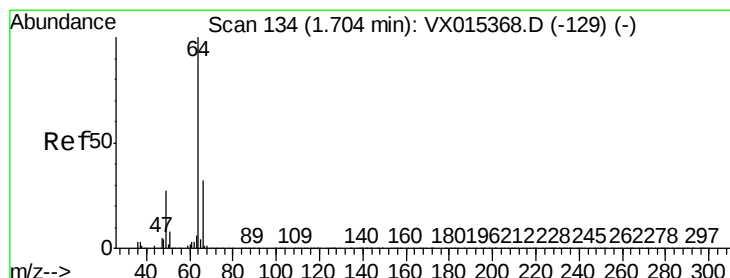
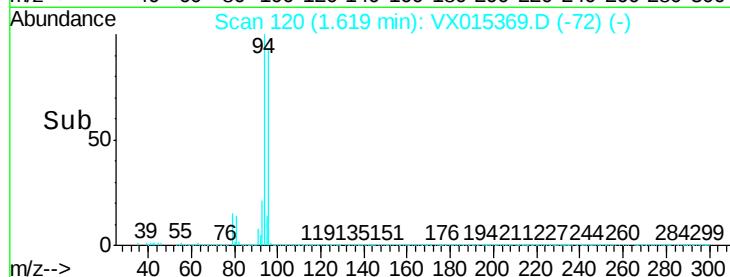
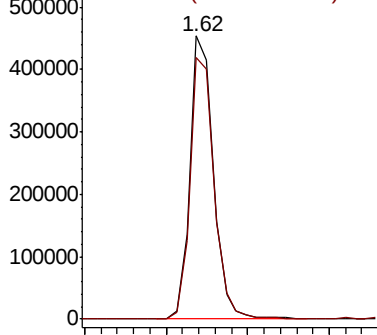
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 88.652 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX015369.D

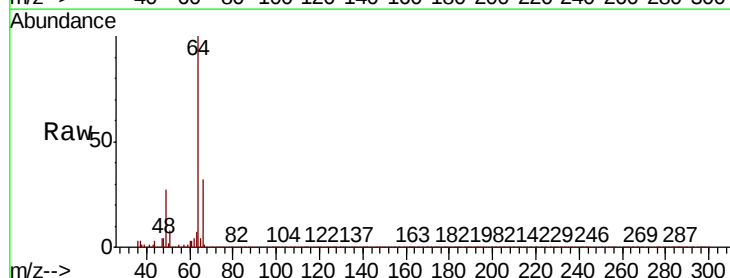
Acq: 26 Mar 2020 21:01

Tgt Ion: 64 Resp: 680049

Ion Ratio Lower Upper

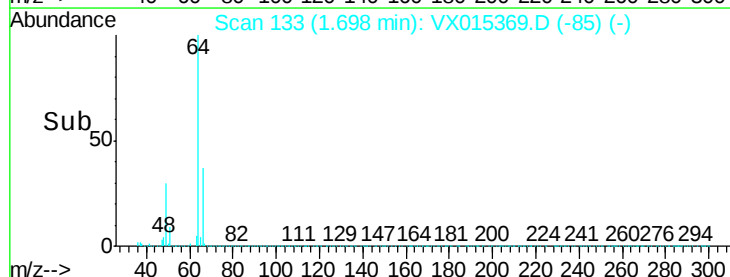
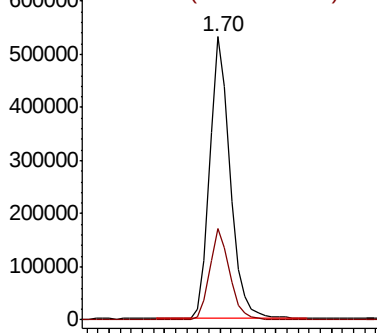
64 100

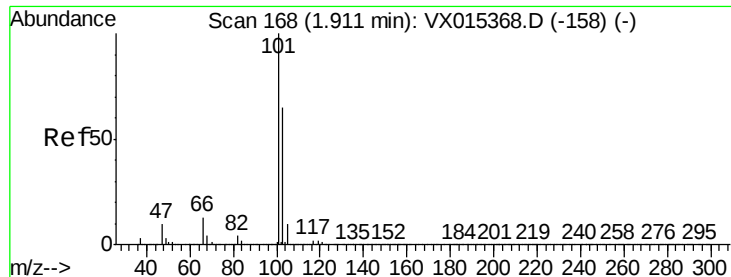
66 32.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

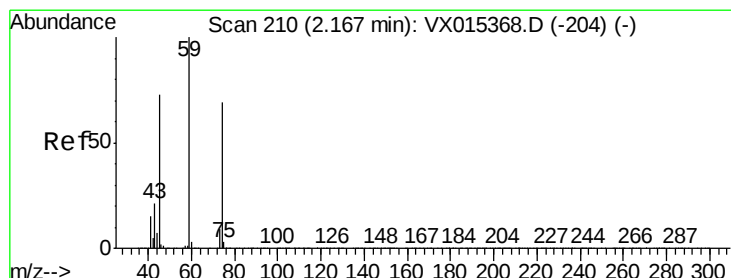
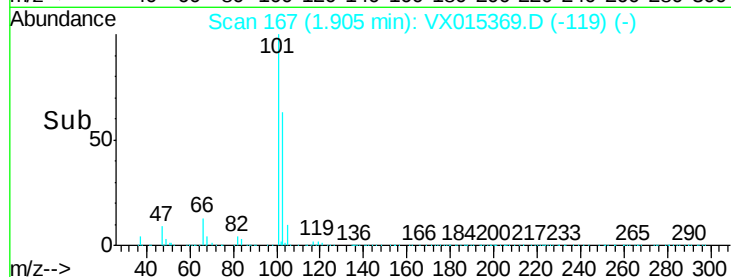
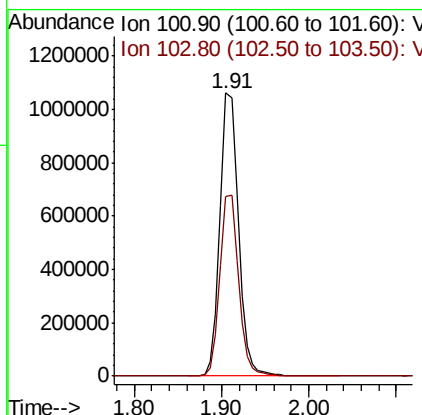
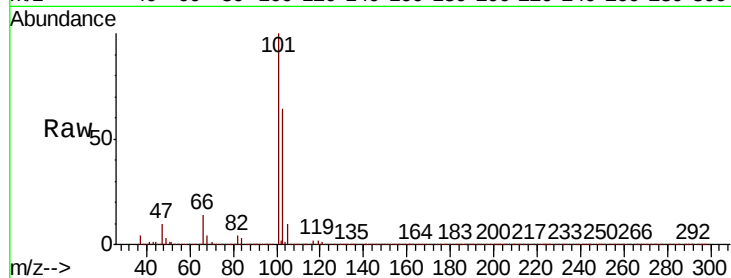
Trichlorofluoromethane
Concen: 95.471 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 1554099
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

Manual Integrations
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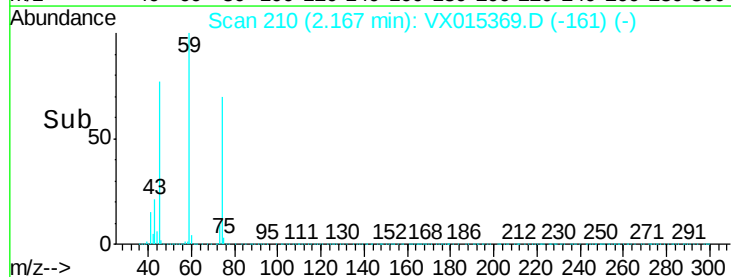
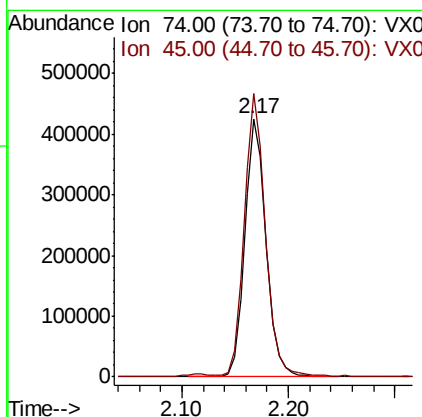
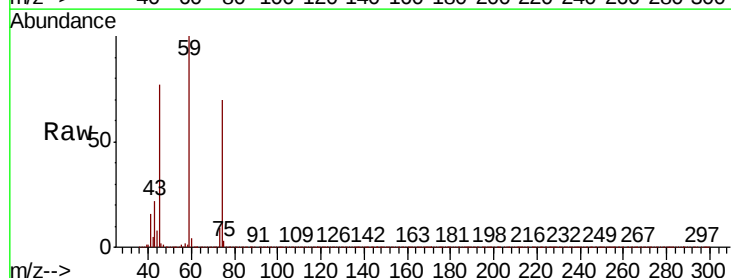
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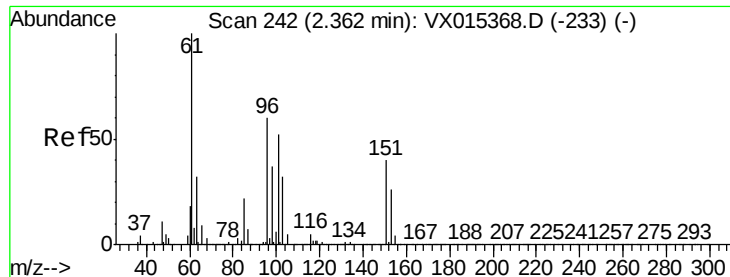


#8

Diethyl Ether
Concen: 84.733 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 74 Resp: 593776
Ion Ratio Lower Upper
74 100
45 108.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 82.301 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

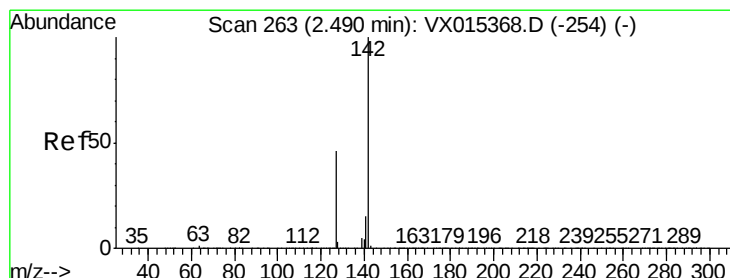
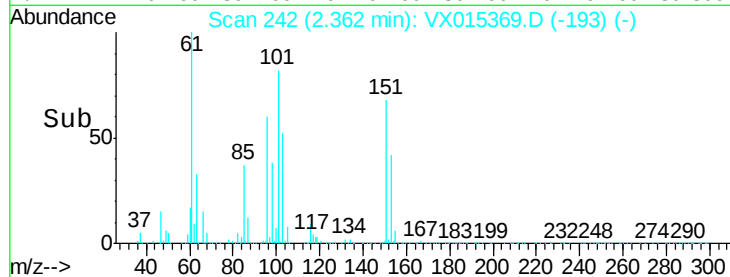
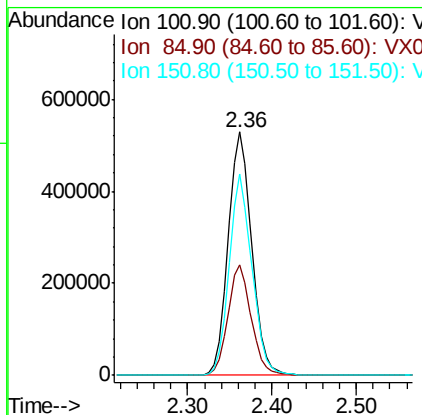
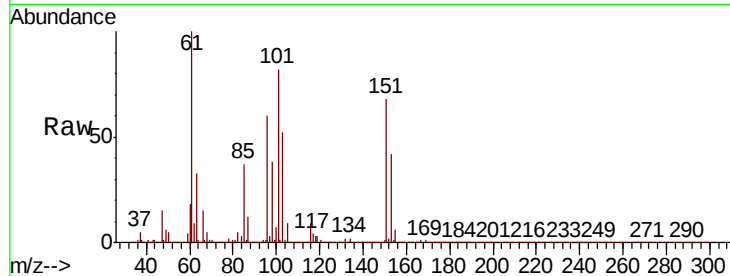
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	1005574
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.4
151	80.0	64.1	96.1

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#10

Methyl Iodide

Concen: 110.058 ug/l

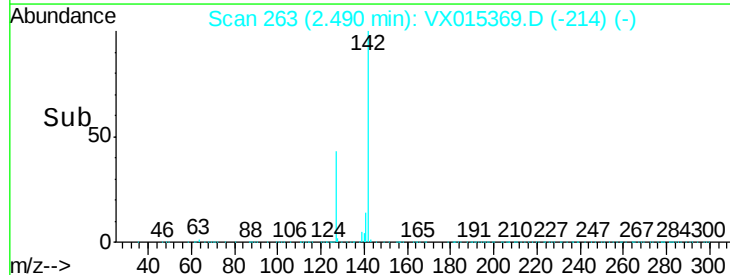
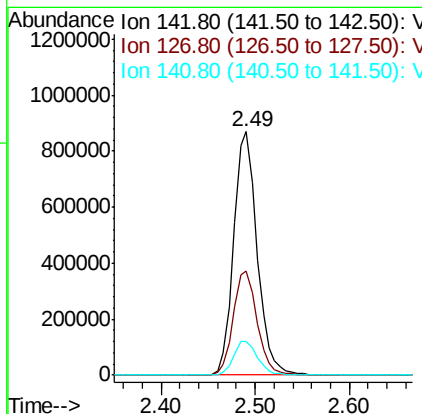
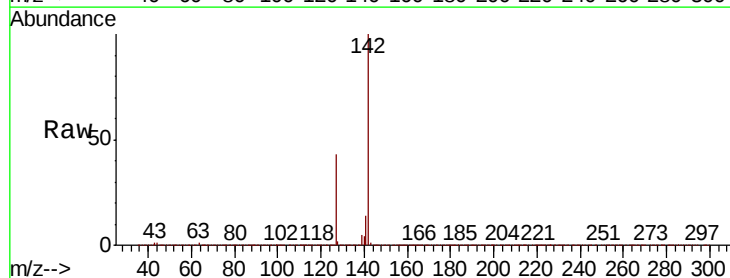
RT: 2.49 min Scan# 263

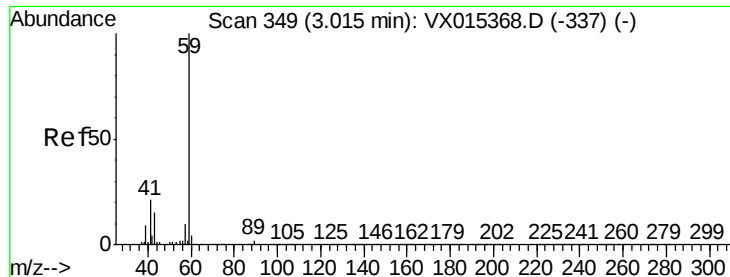
Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Tgt Ion:	142	Resp:	1504478
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.9	53.9
141	14.3	11.6	17.4





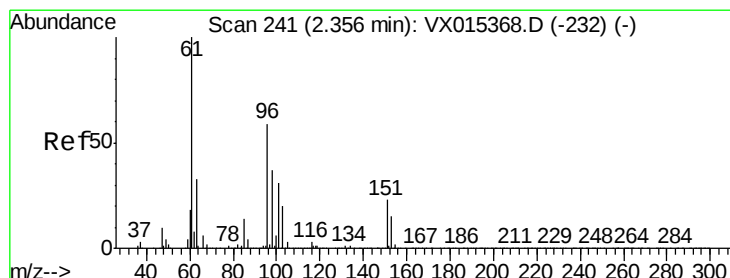
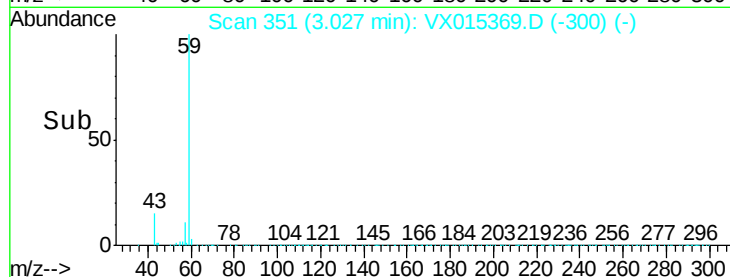
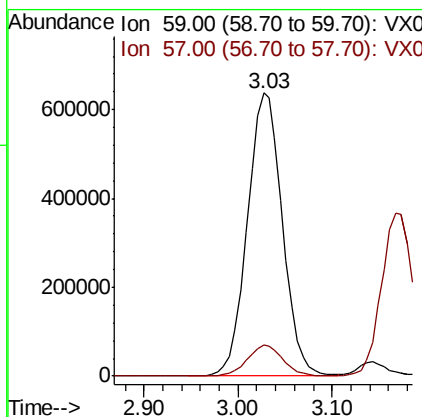
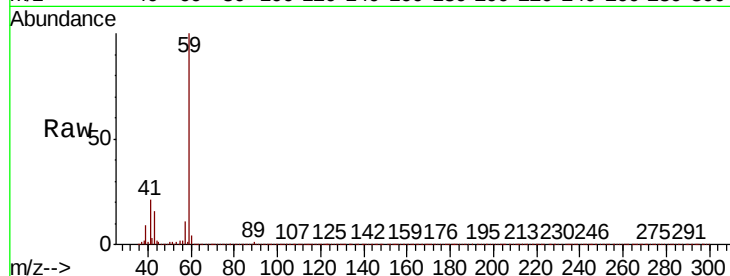
#11
Tert butyl alcohol
Concen: 597.252 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 1659050
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

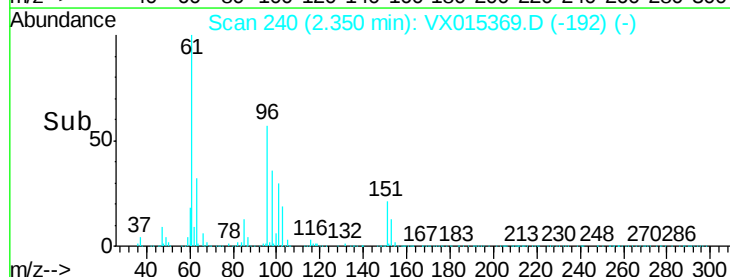
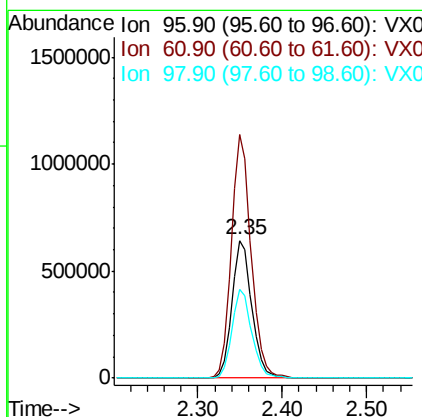
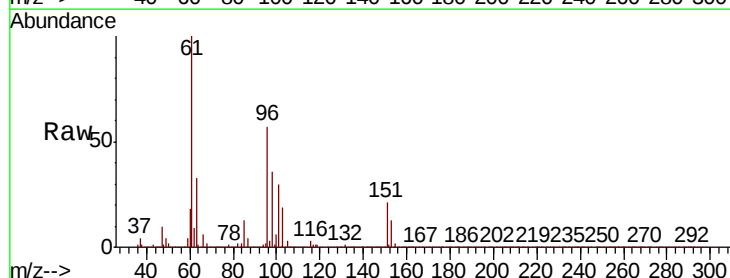
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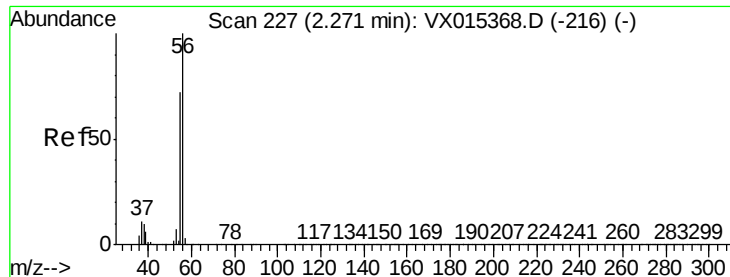
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#12
1,1-Dichloroethene
Concen: 79.927 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 96 Resp: 1024681
Ion Ratio Lower Upper
96 100
61 176.5 135.7 203.5
98 63.8 50.6 75.8





#13

Acrolein

Concen: 421.690 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 1032095

Ion Ratio Lower Upper

56 100

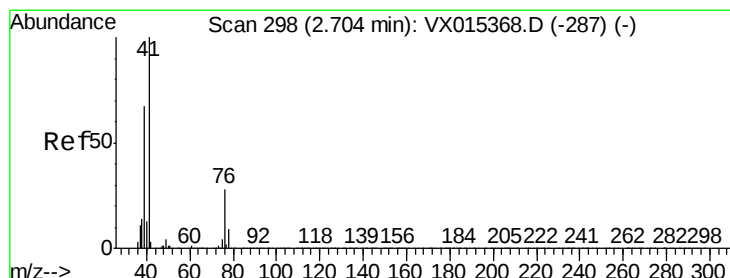
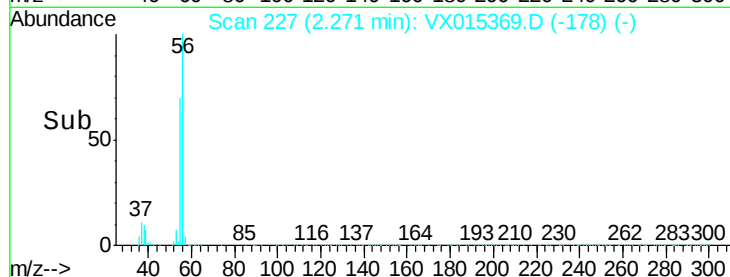
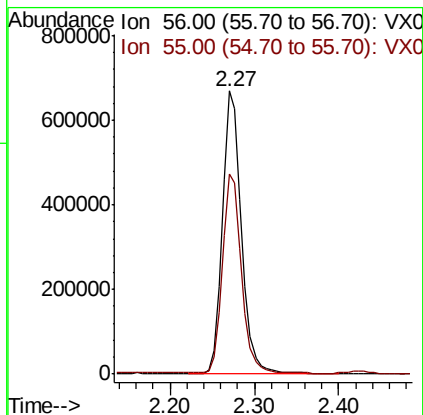
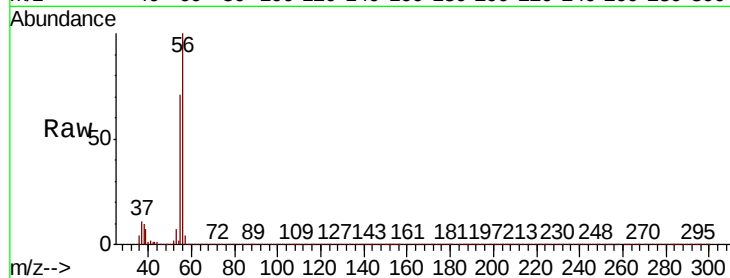
55 70.9 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 114.033 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

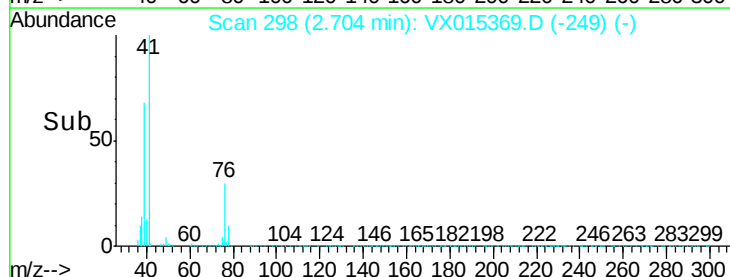
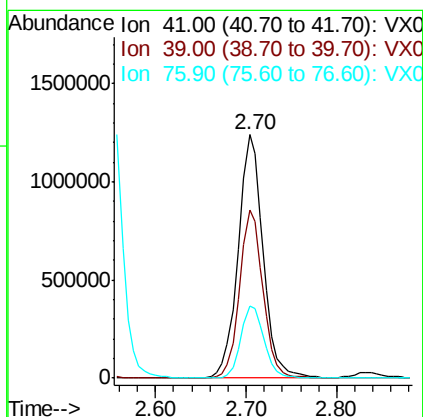
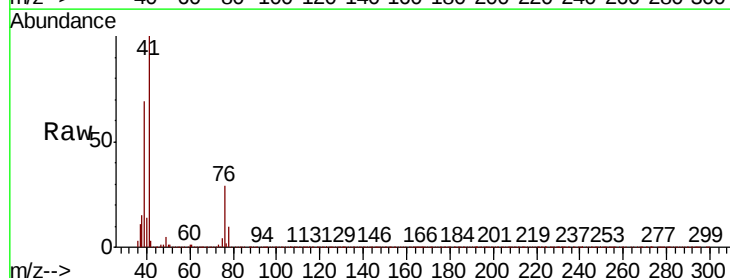
Tgt Ion: 41 Resp: 2341014

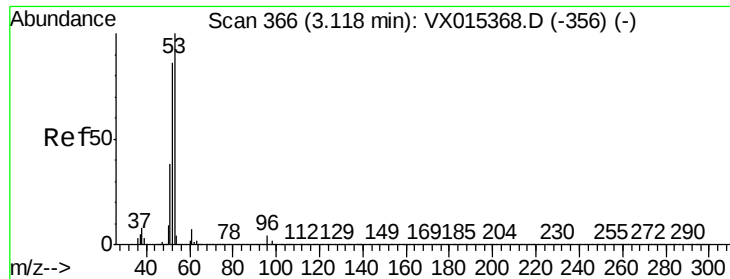
Ion Ratio Lower Upper

41 100

39 65.1 51.4 77.0

76 27.8 21.8 32.8





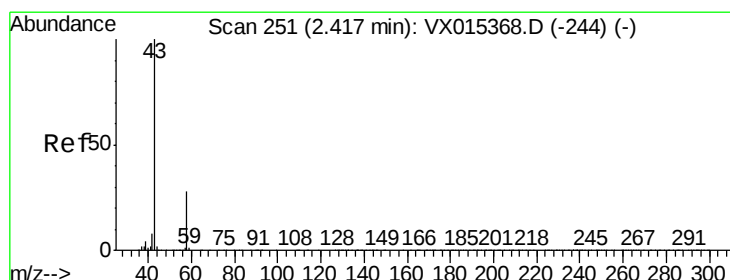
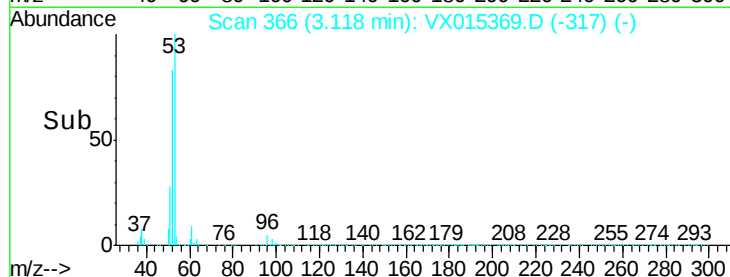
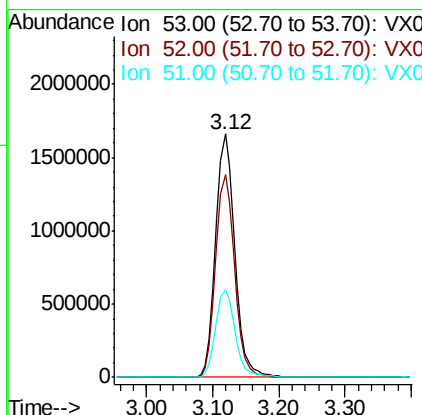
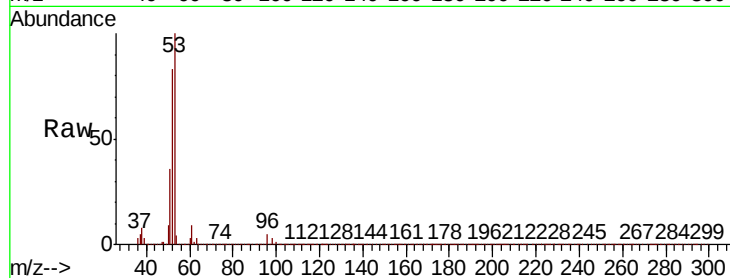
#15
 Acrylonitrile
 Concen: 491.864 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	36.7	29.5	44.3

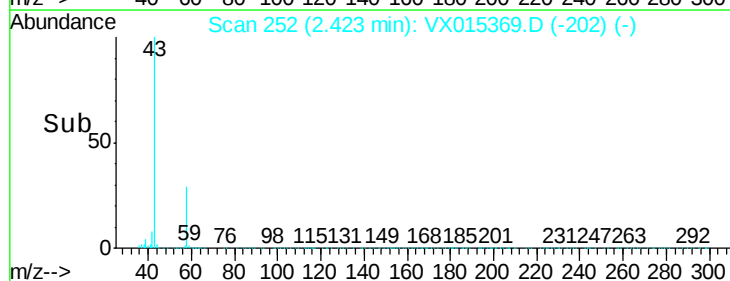
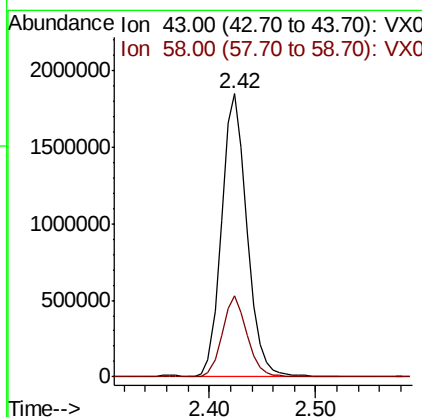
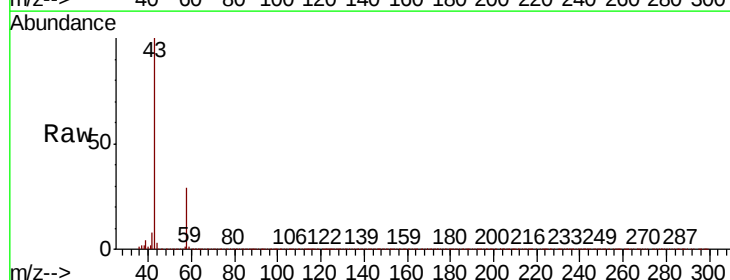
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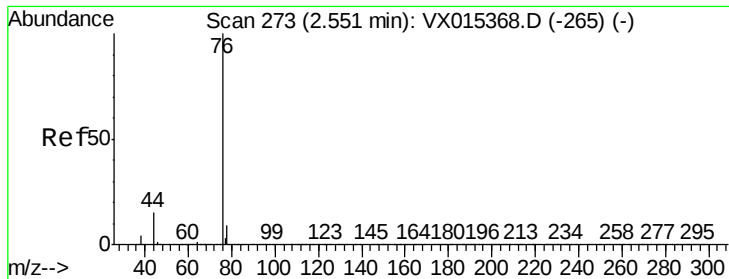
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#16
 Acetone
 Concen: 529.730 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.1	33.1





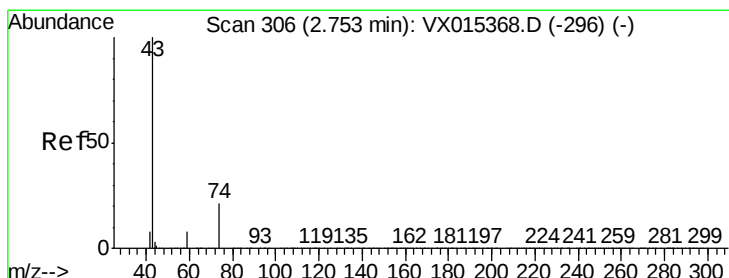
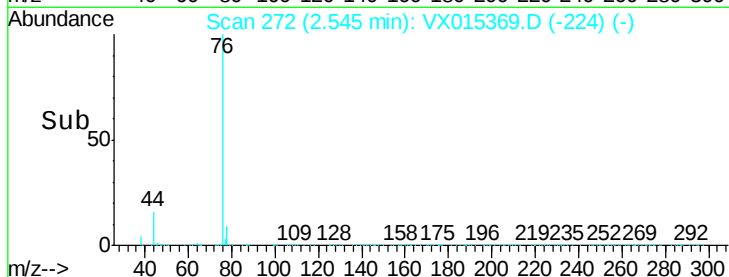
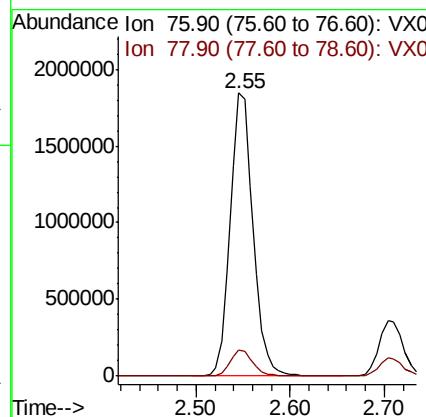
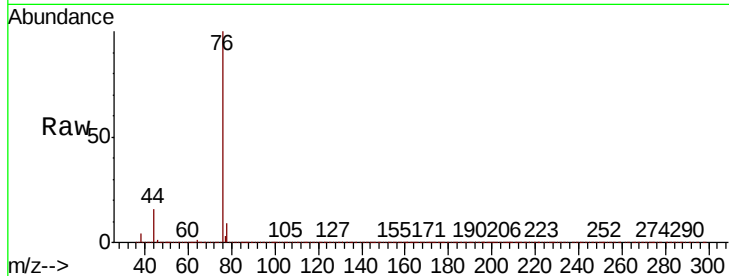
#17
Carbon Disulfide
Concen: 89.499 ug/l
RT: 2.55 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 76 Resp: 3102489
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

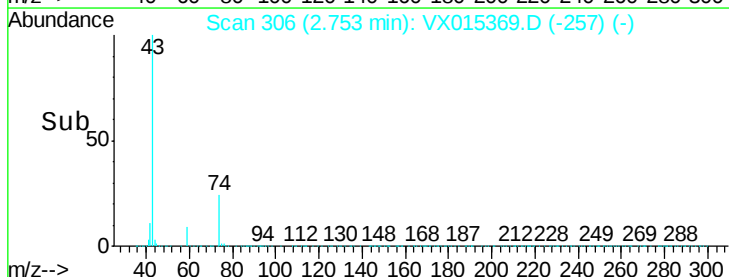
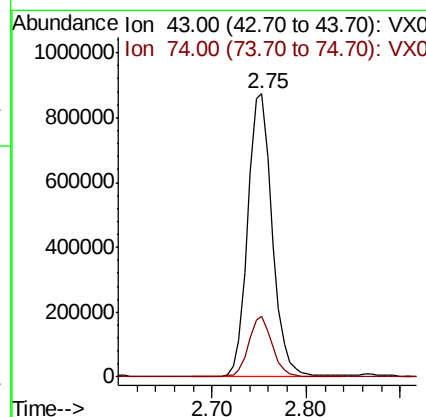
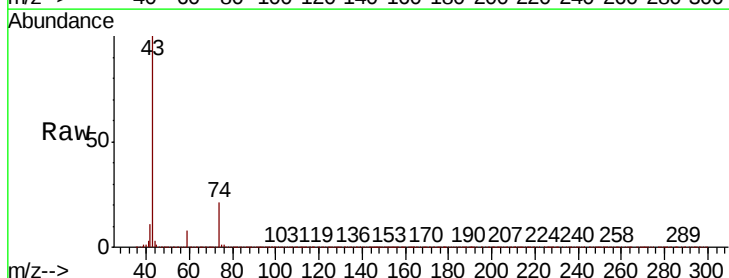
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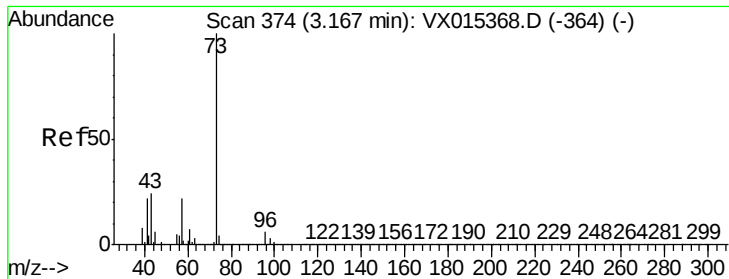
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#18
Methyl Acetate
Concen: 108.855 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 43 Resp: 1579263
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7





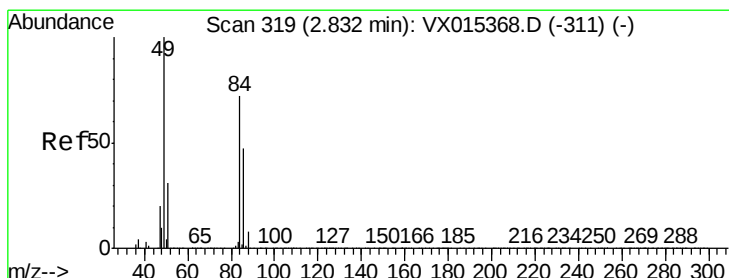
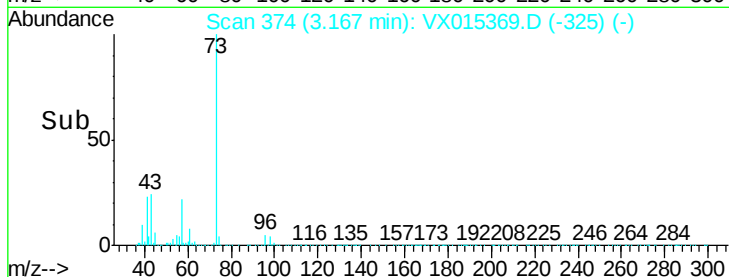
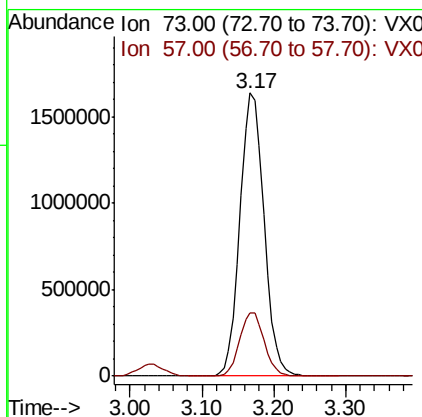
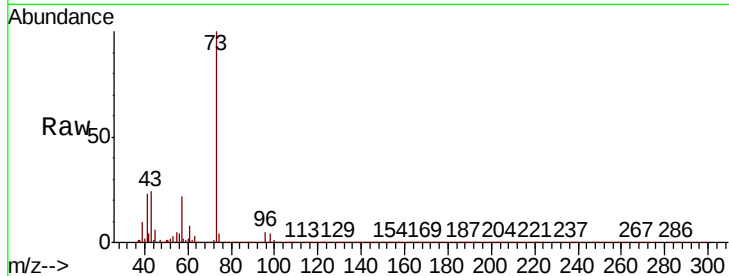
#19
Methvl tert-butvl Ether
Concen: 97.859 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 3808891
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

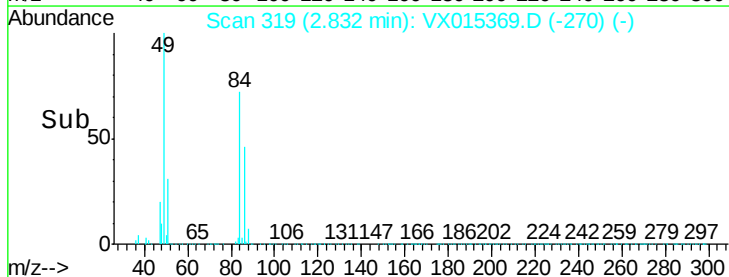
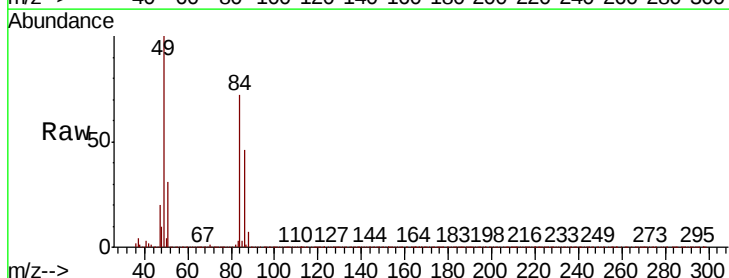
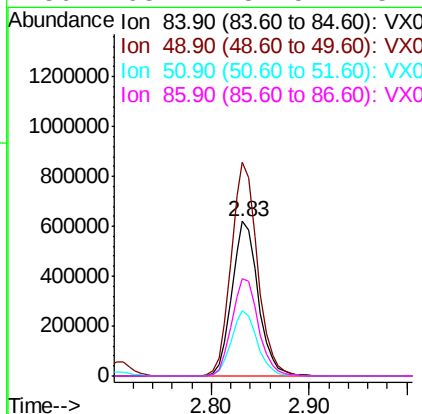
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#20
Methylene Chloride
Concen: 75.754 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 84 Resp: 1150371
Ion Ratio Lower Upper
84 100
49 138.4 111.3 166.9
51 42.3 34.0 51.0
86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 79.536 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 1109720

Ion Ratio Lower Upper

96 100

61 147.2 116.9 175.3

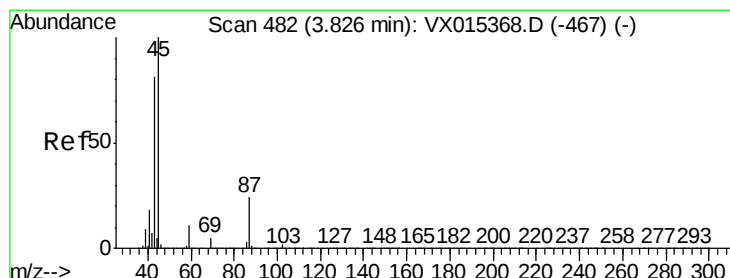
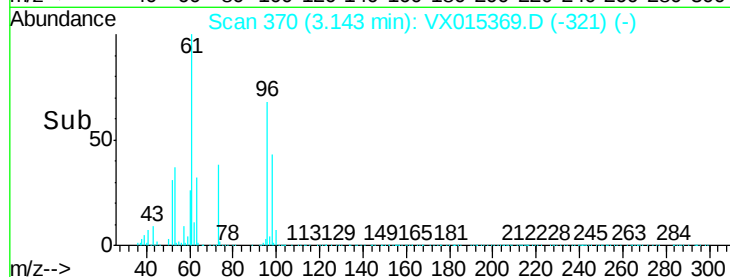
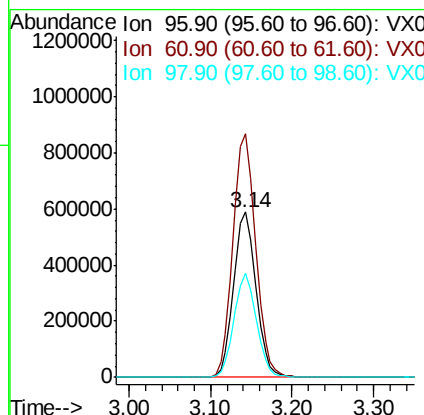
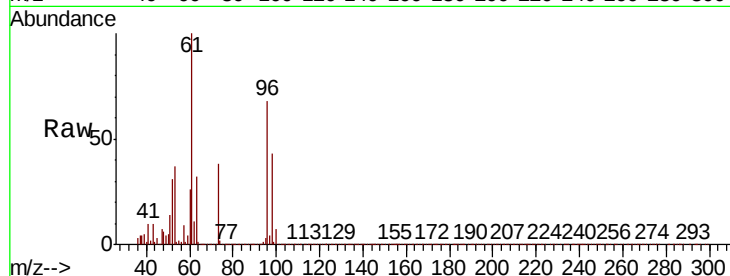
98 63.2 48.6 73.0

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#22

Diisopropyl ether

Concen: 101.743 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Tgt Ion: 45 Resp: 4112068

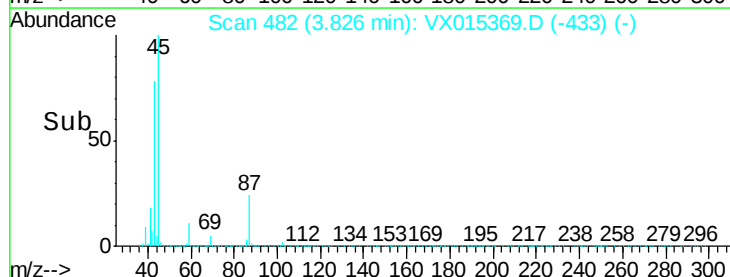
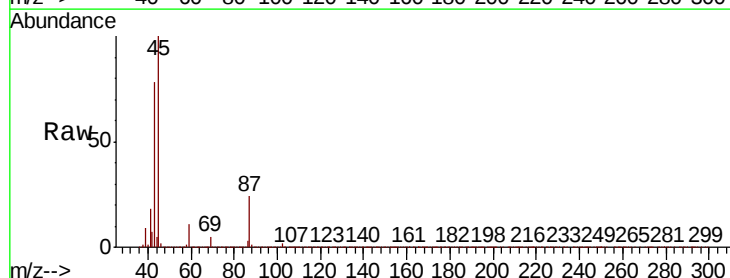
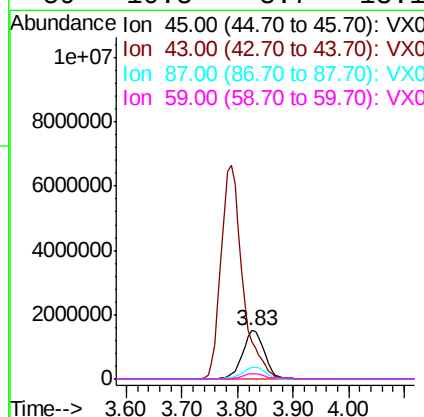
Ion Ratio Lower Upper

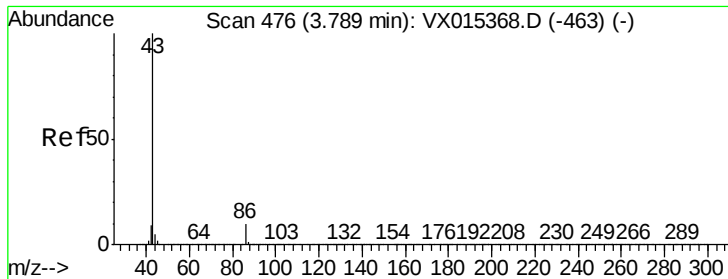
45 100

43 77.7 64.7 97.1

87 24.0 19.4 29.0

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 539.391 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 17868905

Ion Ratio Lower Upper

43 100

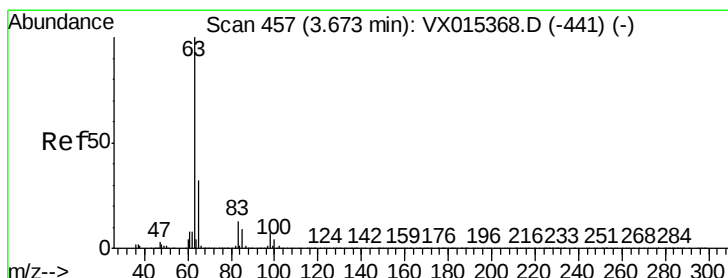
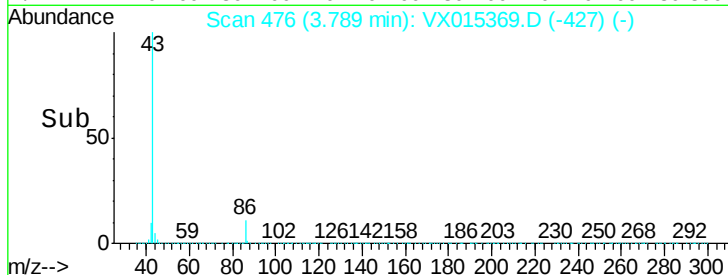
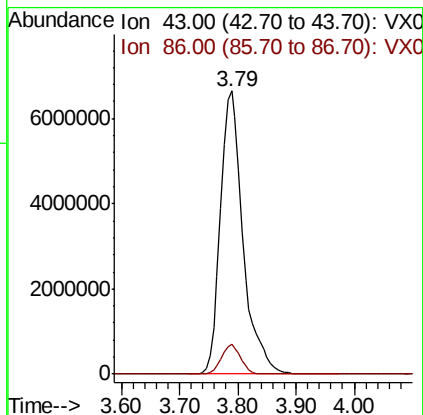
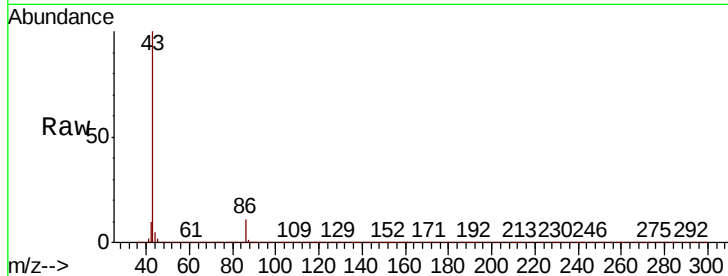
86 10.5 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 89.574 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

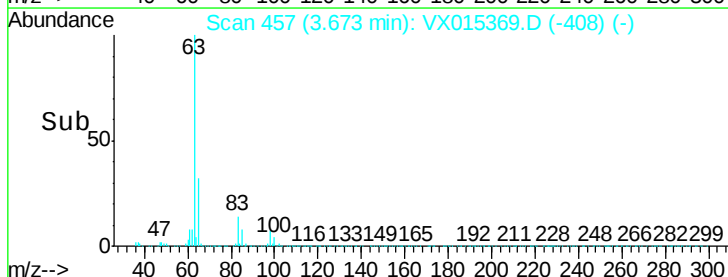
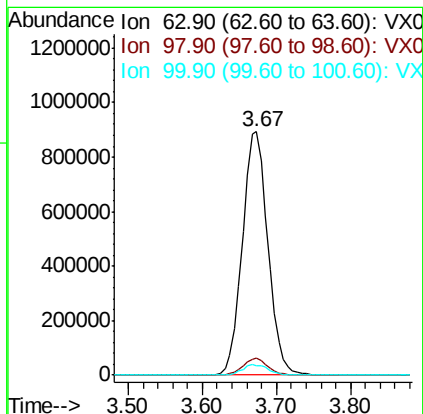
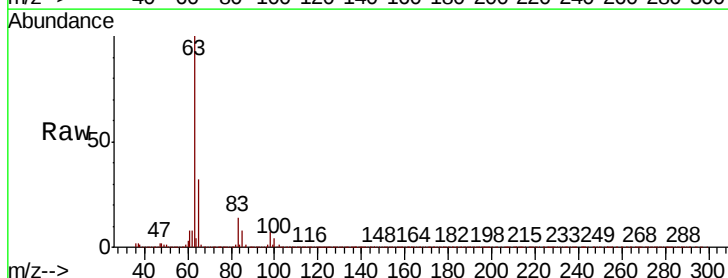
Tgt Ion: 63 Resp: 2149307

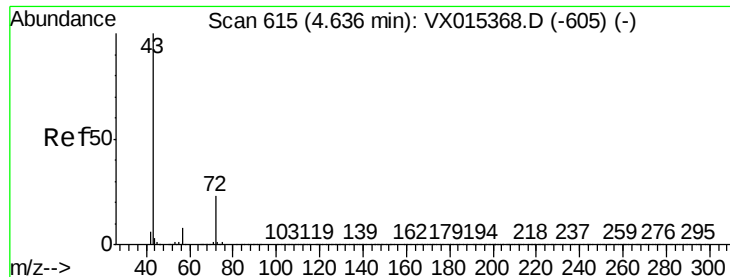
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 563.683 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4956986

Ion Ratio Lower Upper

43 100

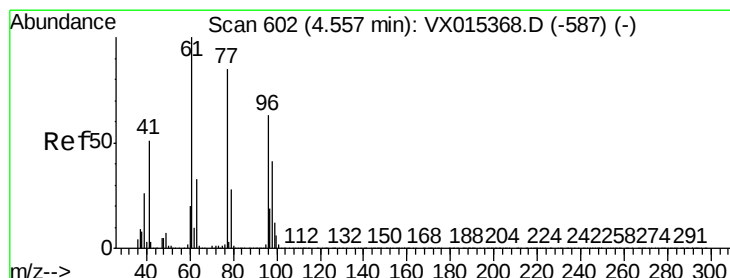
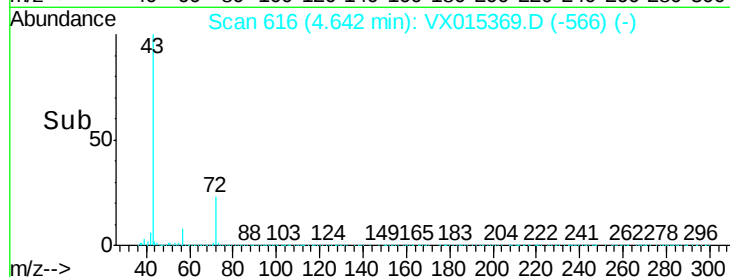
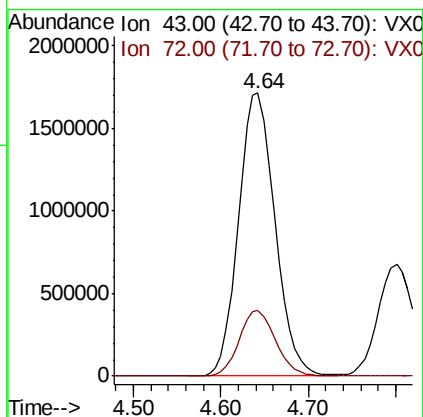
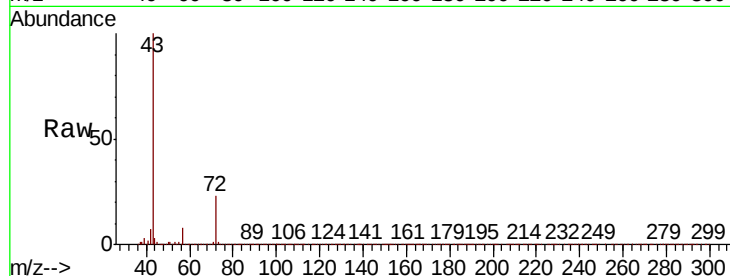
72 23.0 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 95.958 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015369.D

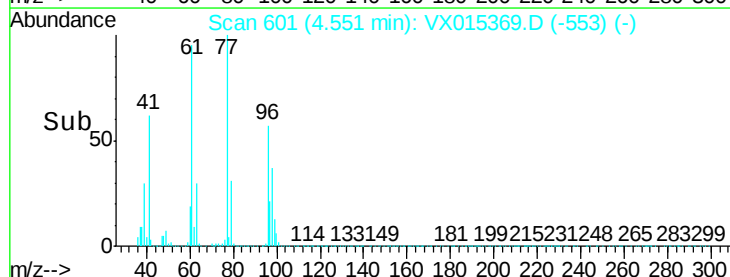
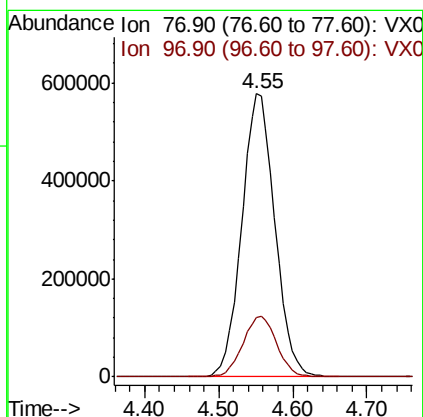
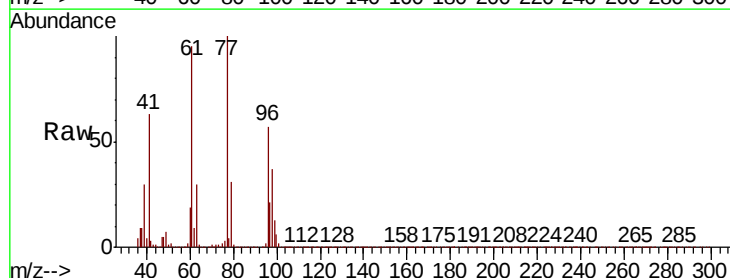
Acq: 26 Mar 2020 21:01

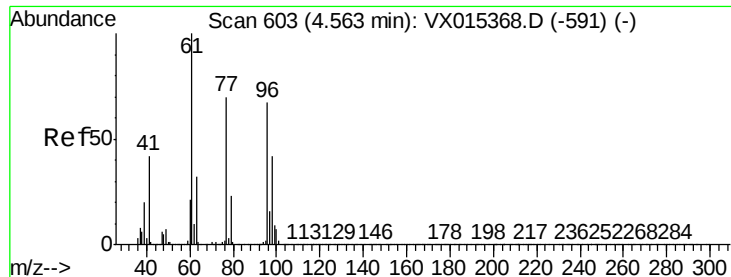
Tgt Ion: 77 Resp: 1793920

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8





#27

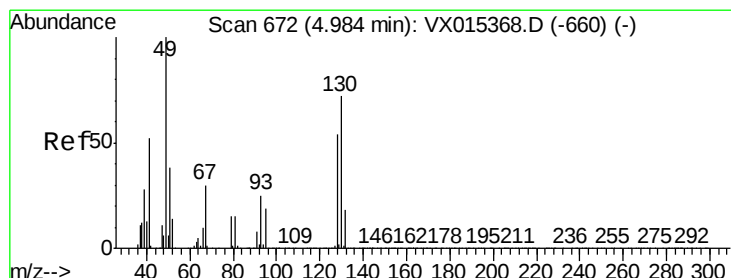
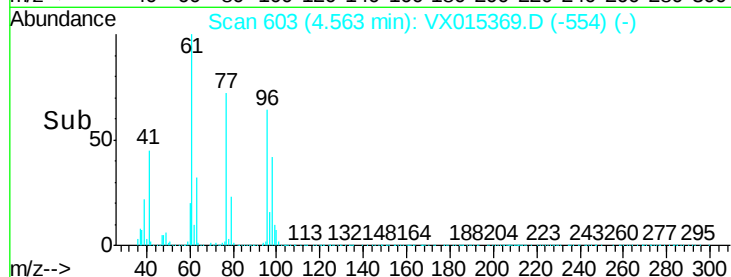
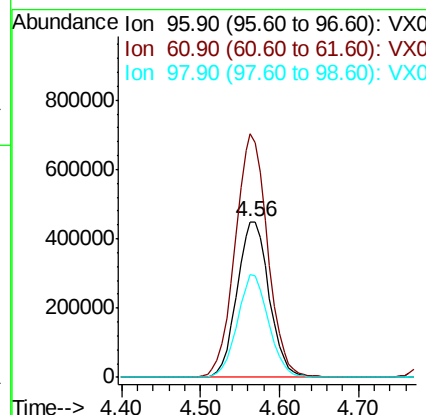
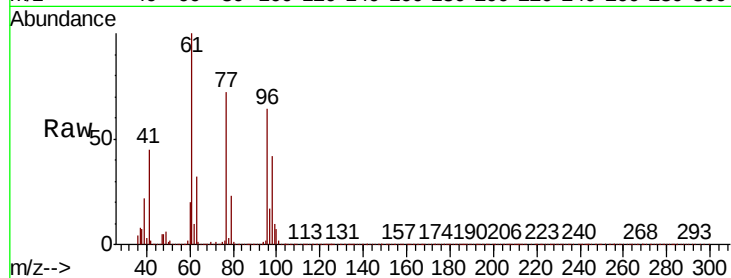
cis-1,2-Dichloroethene
Concen: 82.457 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.9	0.0	308.4
98	64.3	0.0	129.2

Manual Integrations
APPROVED

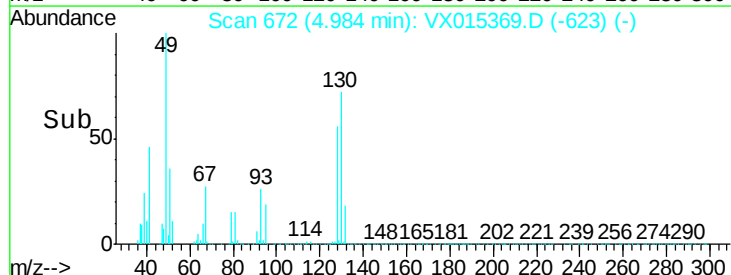
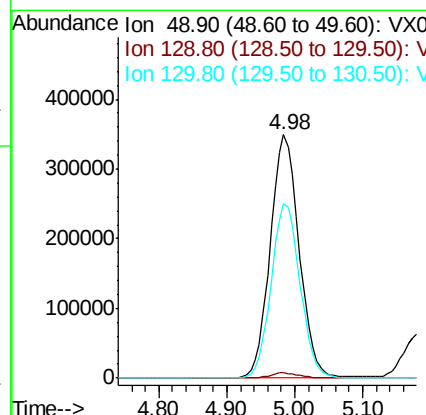
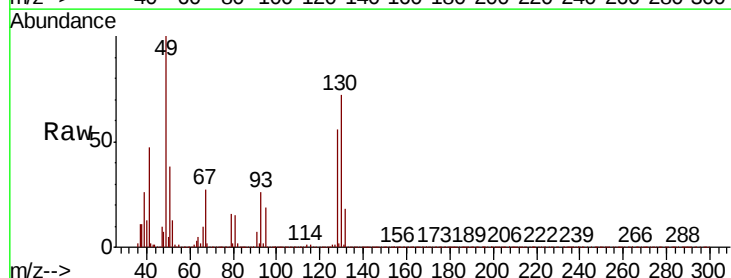
apatel
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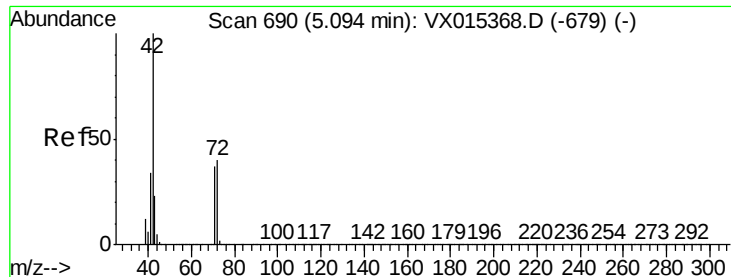


#28

Bromochloromethane
Concen: 101.730 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	71.8	57.7	86.5





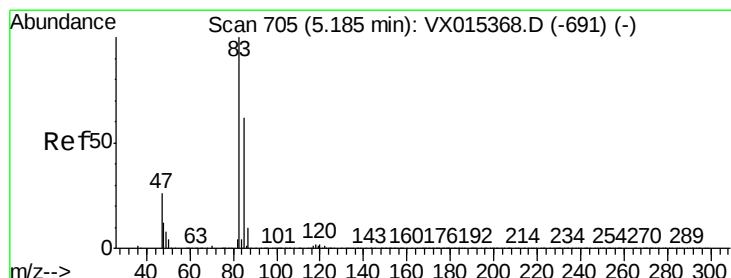
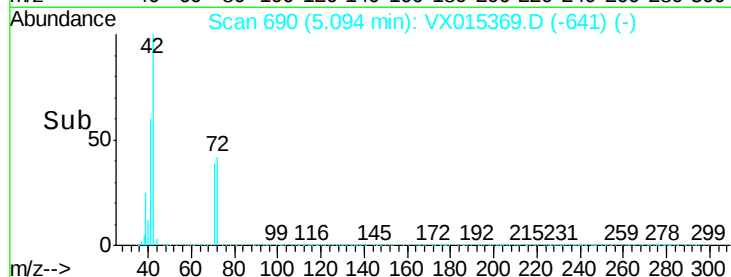
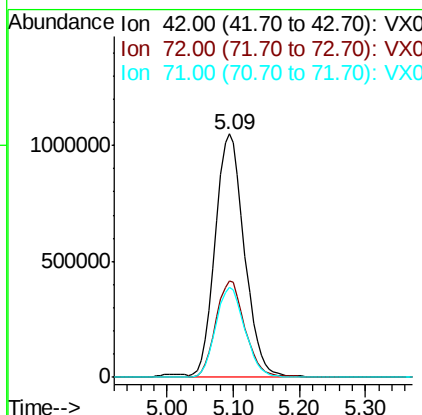
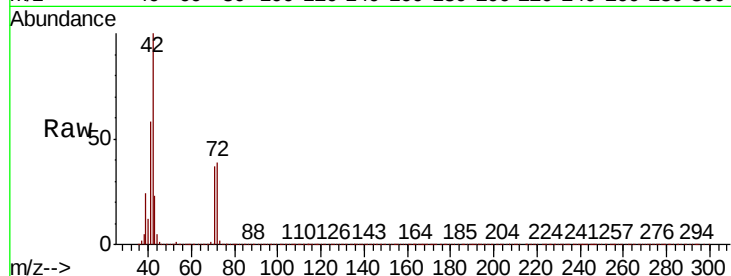
#29
Tetrahydrofuran
Concen: 560.867 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.7	47.5
71	36.9	29.6	44.4

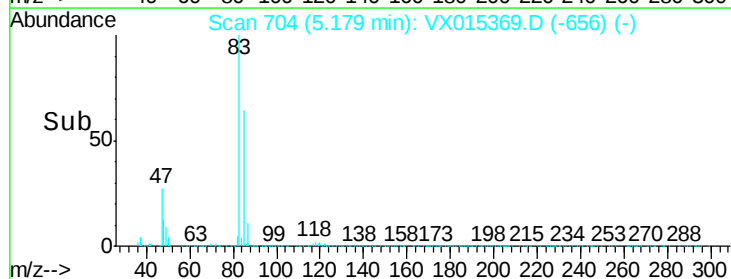
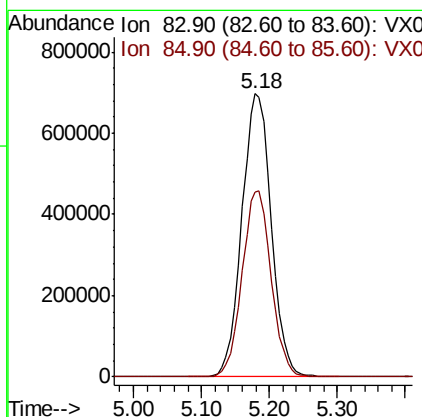
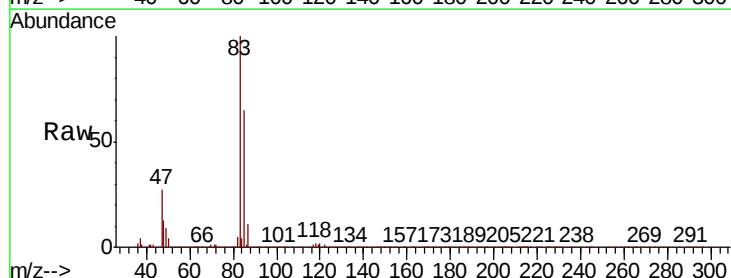
Manual Integrations
APPROVED

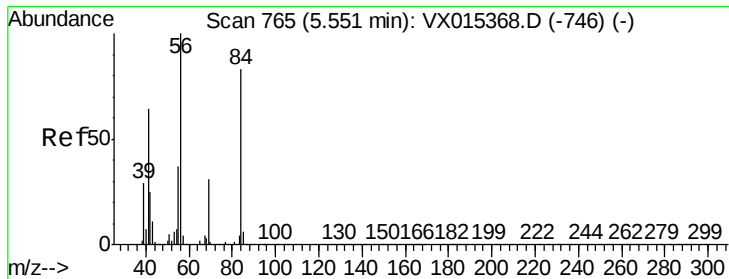
apatel
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#30
Chloroform
Concen: 86.244 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.5	74.3





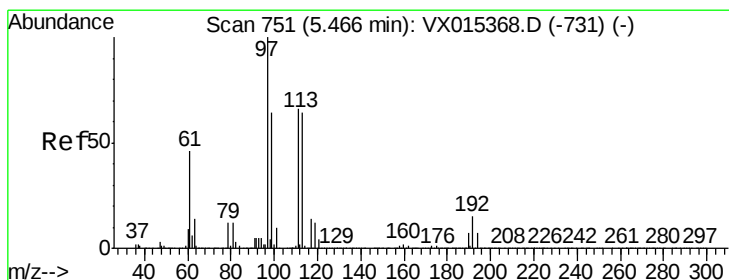
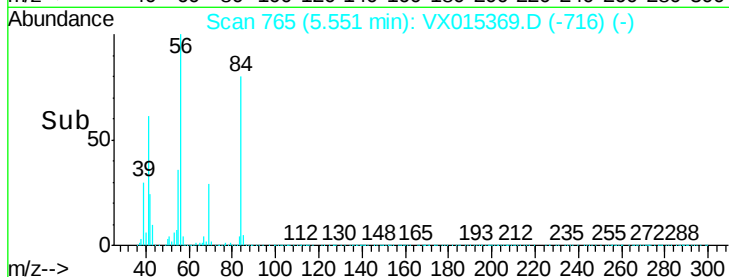
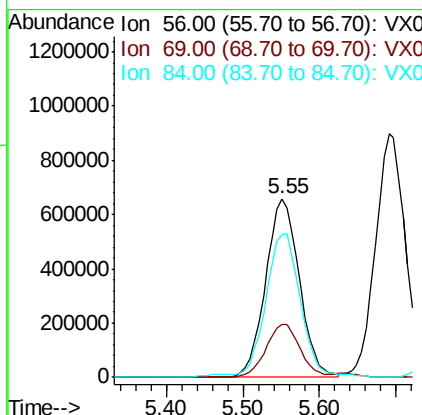
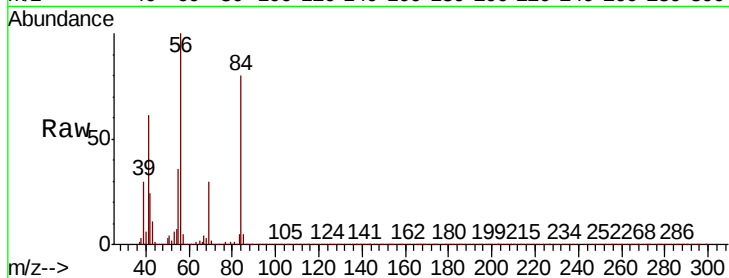
#31
Cyclohexane
Concen: 107.636 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	79.8	66.1	99.1

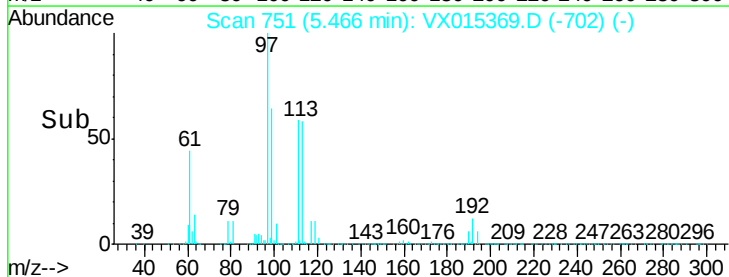
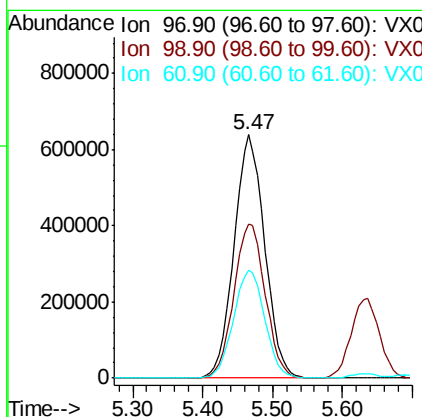
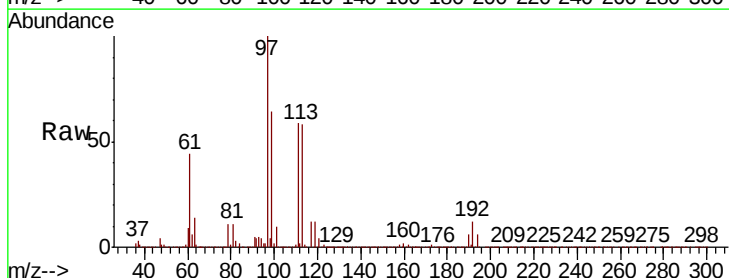
Manual Integrations
APPROVED

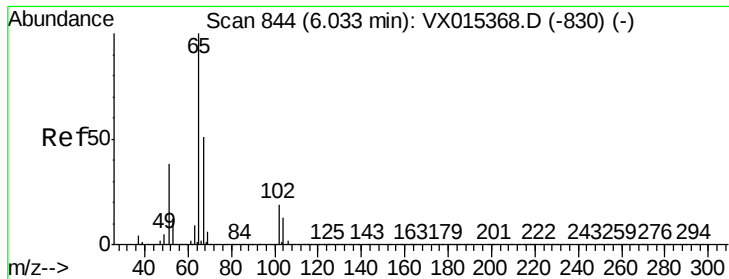
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#32
1,1,1-Trichloroethane
Concen: 97.863 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	45.4	36.1	54.1





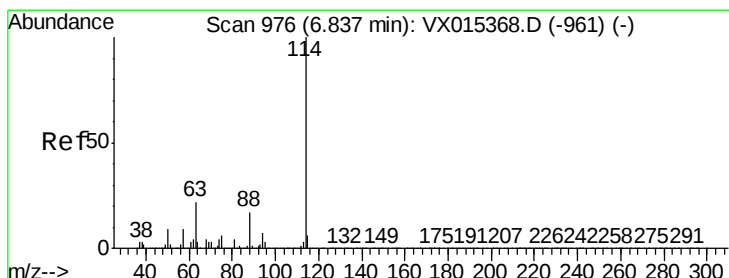
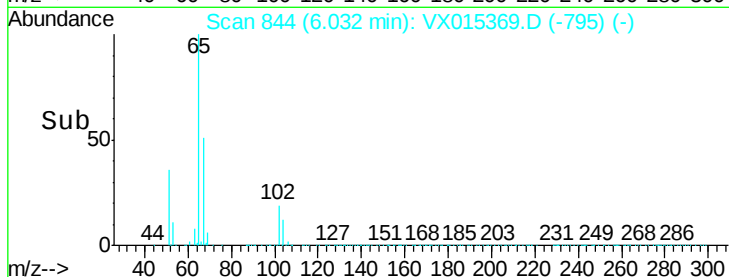
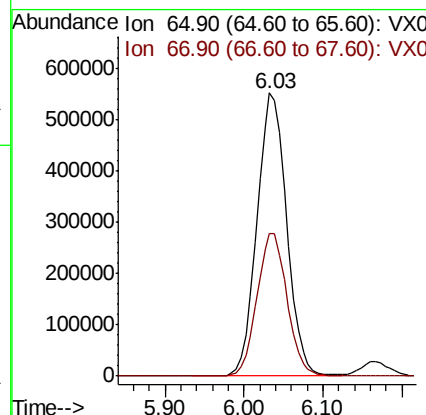
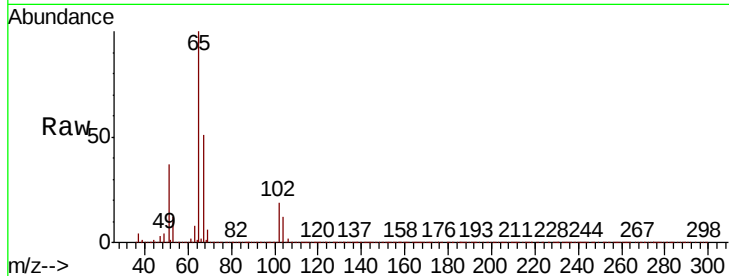
#33
 1,2-Dichloroethane-d4
 Concen: 106.838 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 65 Resp: 1443233
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6

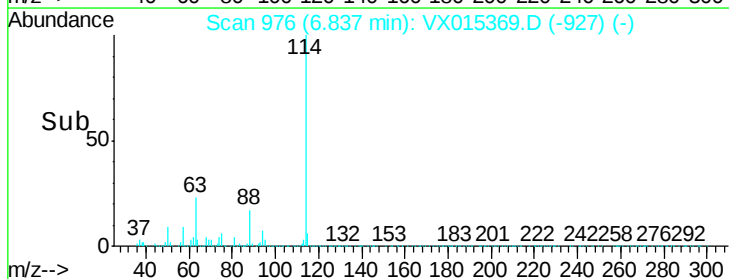
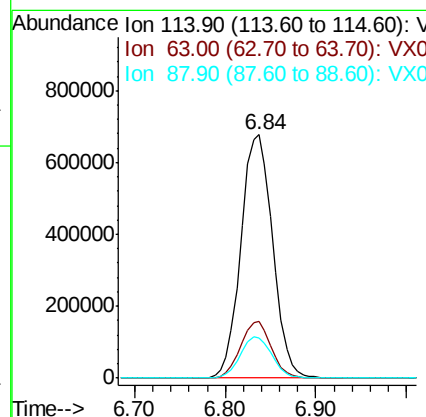
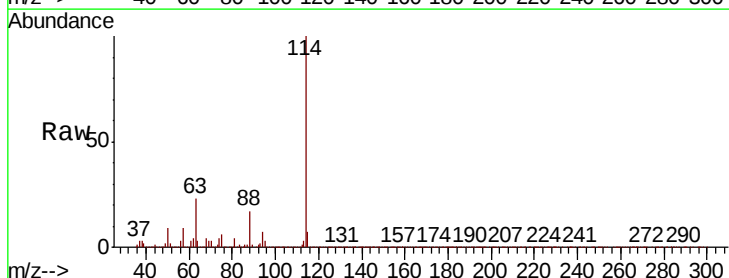
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Tgt Ion: 114 Resp: 1643496
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 44.2
 88 16.6 0.0 33.8





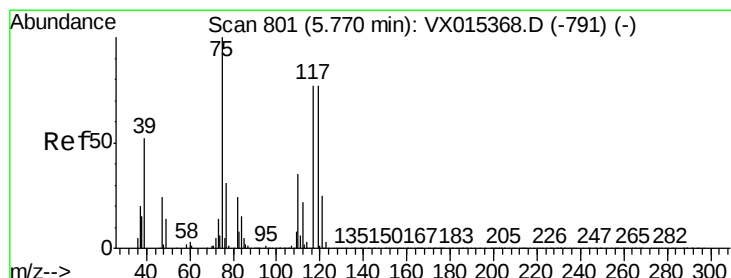
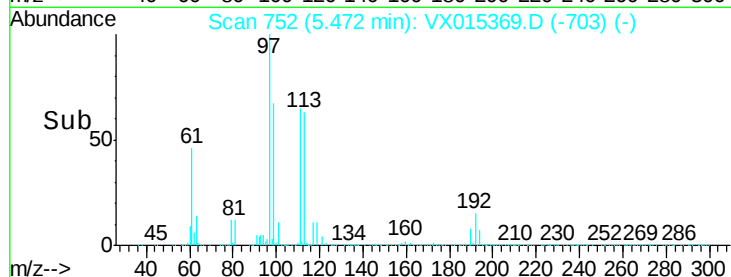
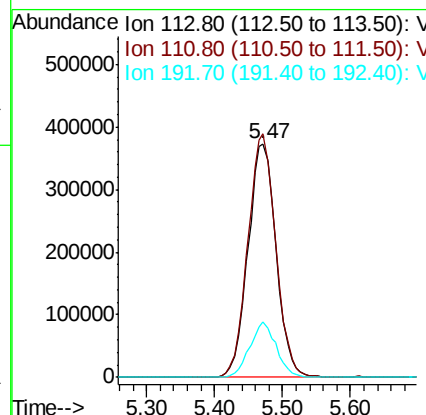
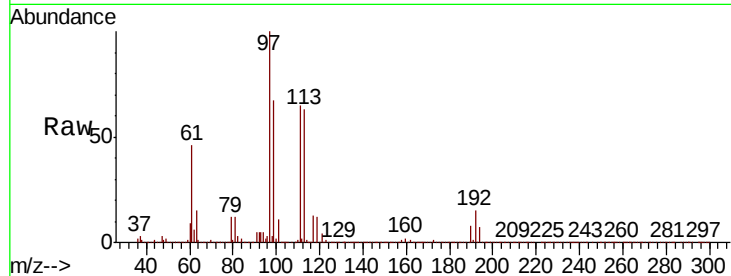
#35
Dibromofluoromethane
Concen: 99.686 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	22.3	17.8	26.6

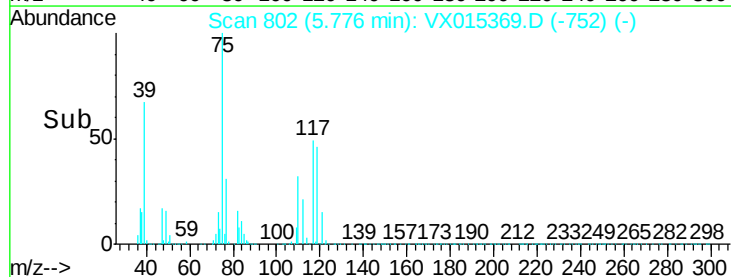
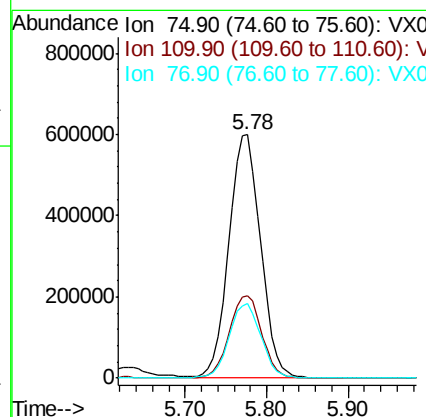
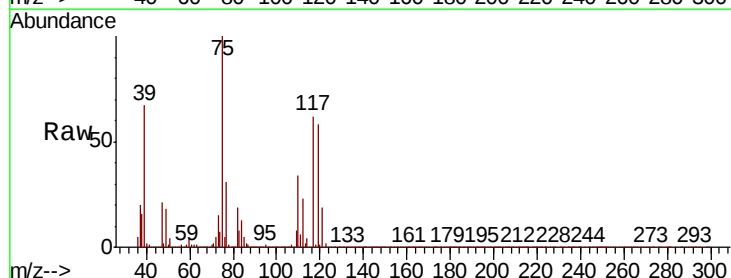
Manual Integrations
APPROVED

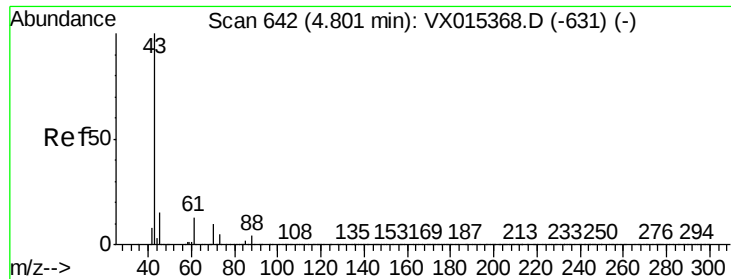
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#36
1,1-Dichloropropene
Concen: 105.285 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.1	51.3
77	31.0	24.6	36.8





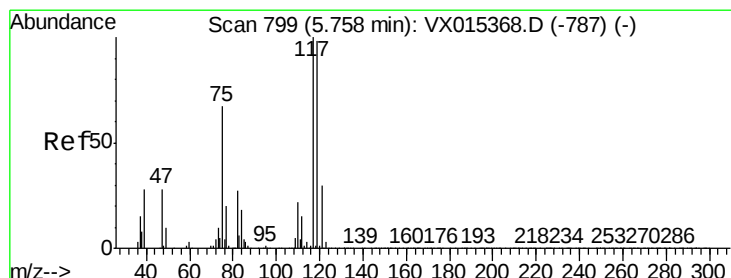
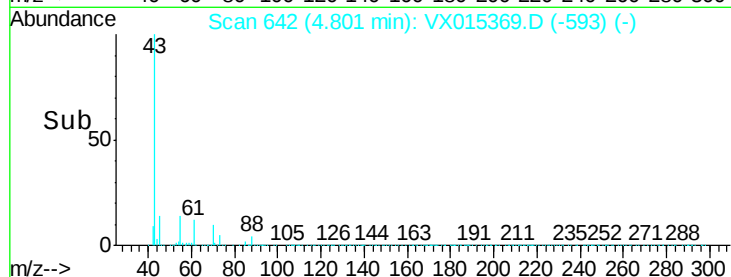
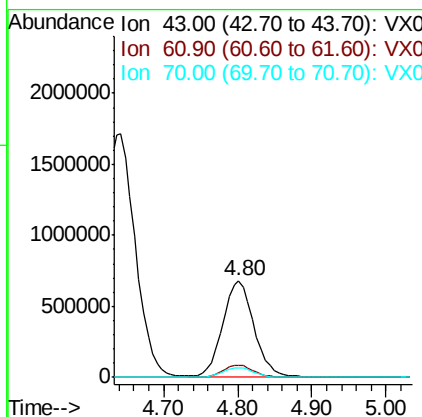
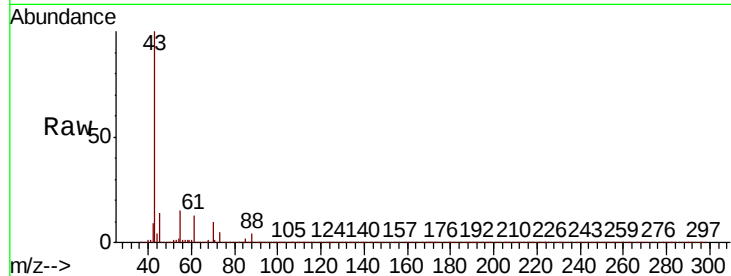
#37
Ethyl Acetate
Concen: 128.936 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	1973991
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	10.0	8.1	12.1

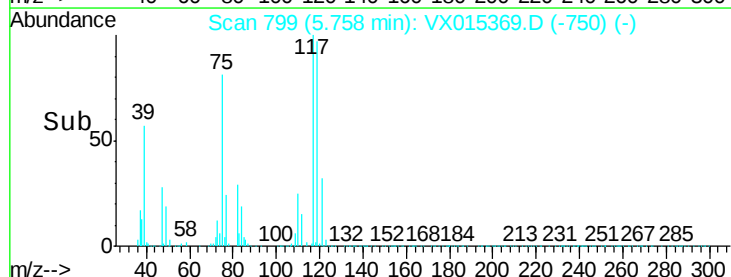
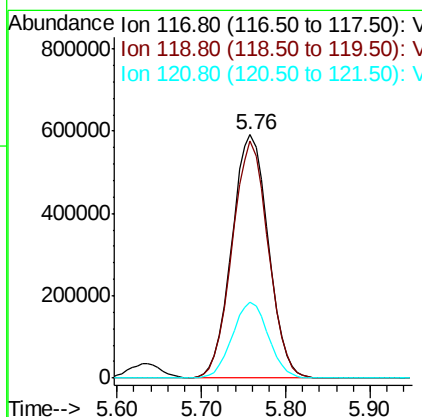
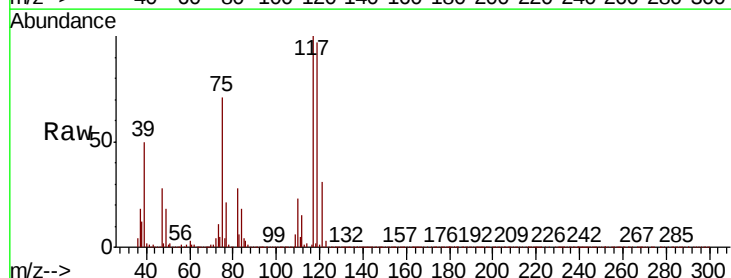
Manual Integrations
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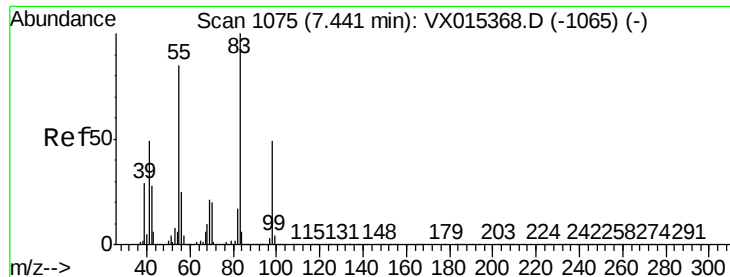
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#38
Carbon Tetrachloride
Concen: 118.008 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion:	117	Resp:	1733285
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.0	117.0
121	31.4	23.8	35.8





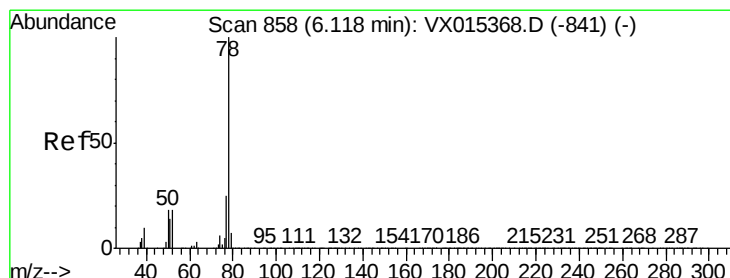
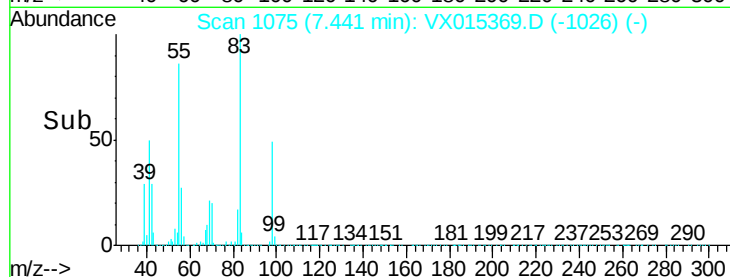
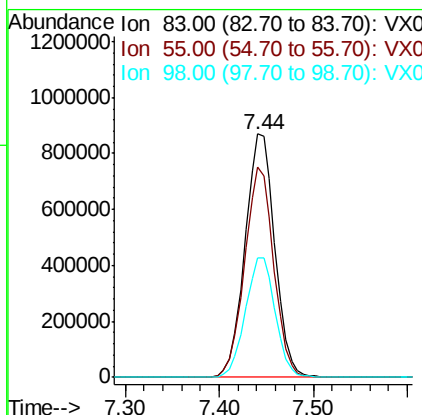
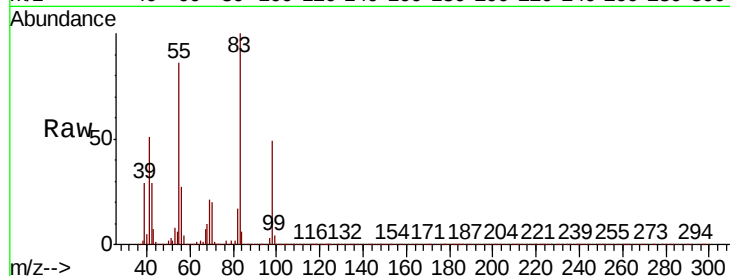
#39
Methvlcvclohexane
Concen: 108.490 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.2	67.8	101.6
98	49.0	39.3	58.9

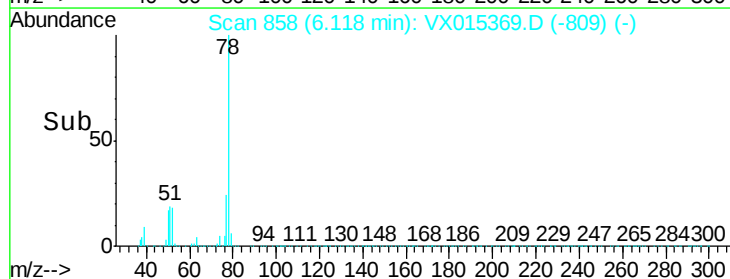
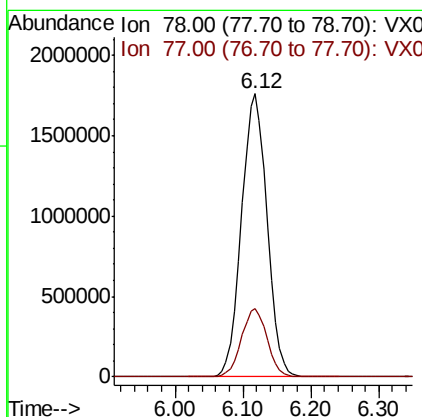
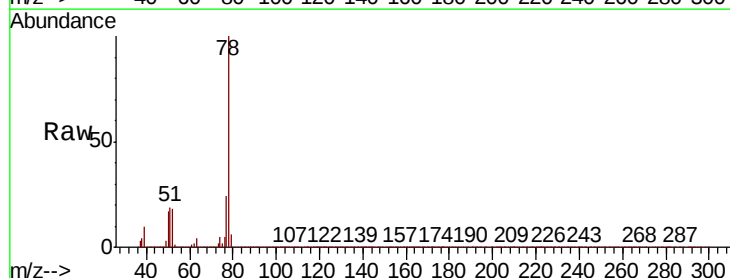
Manual Integrations
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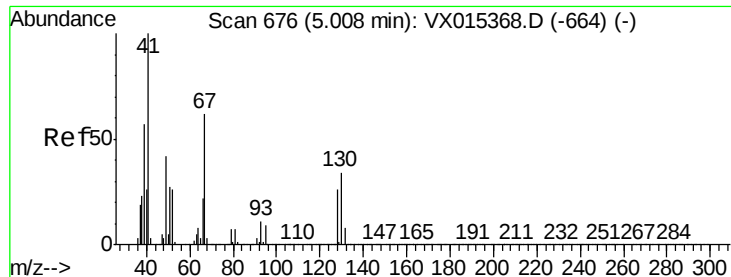
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#40
Benzene
Concen: 97.934 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.8	29.8





#41

Methacrylonitrile

Concen: 136.433 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 1132969

Ion Ratio Lower Upper

41 100

39 55.4 44.5 66.7

67 61.1 48.9 73.3

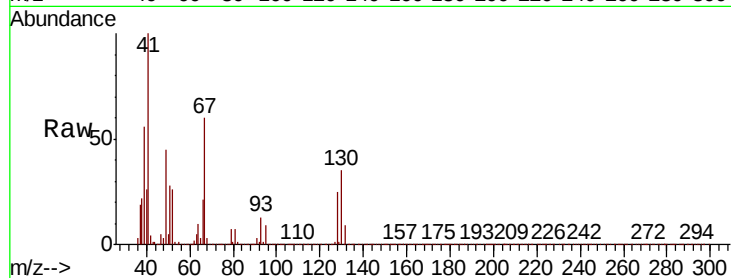
52 26.8 21.8 32.6

Manual Integrations

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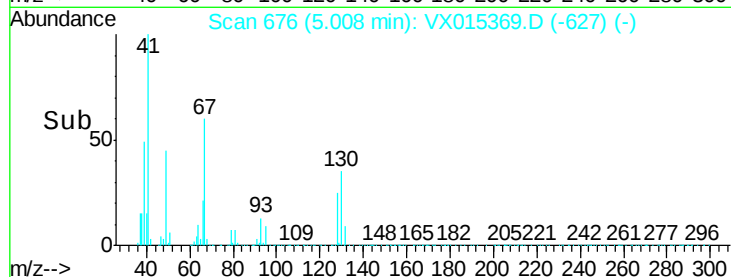
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



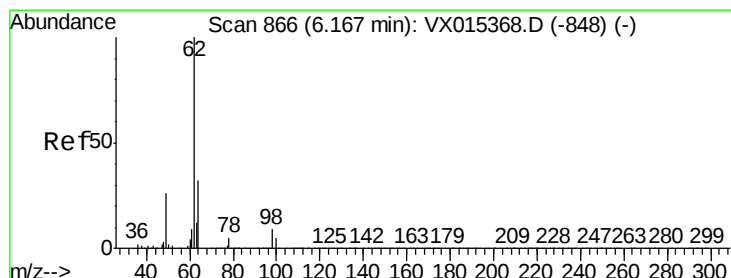
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



#42

1,2-Dichloroethane

Concen: 121.028 ug/l

RT: 6.17 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX015369.D

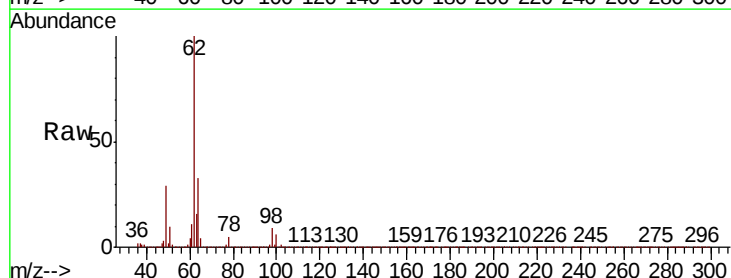
Acq: 26 Mar 2020 21:01

Tgt Ion: 62 Resp: 1821293

Ion Ratio Lower Upper

62 100

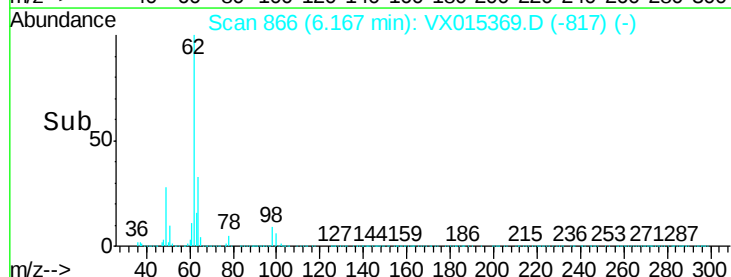
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

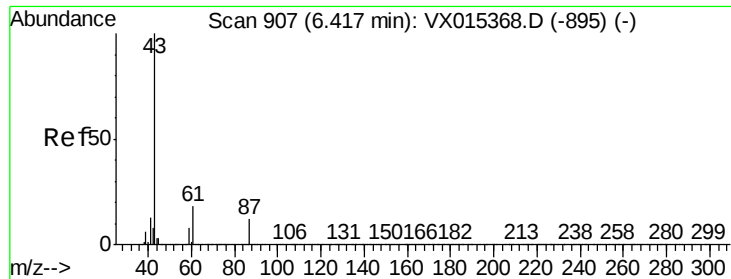
Time-->



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



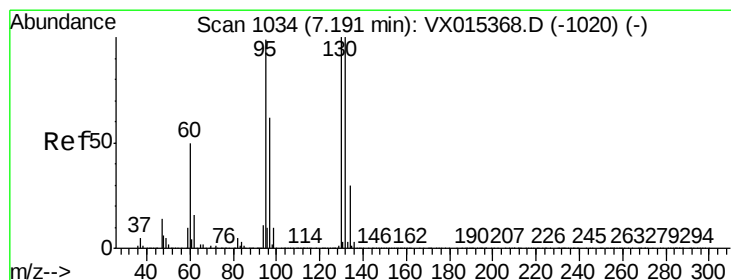
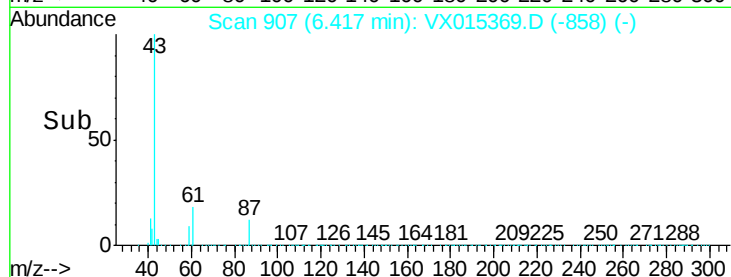
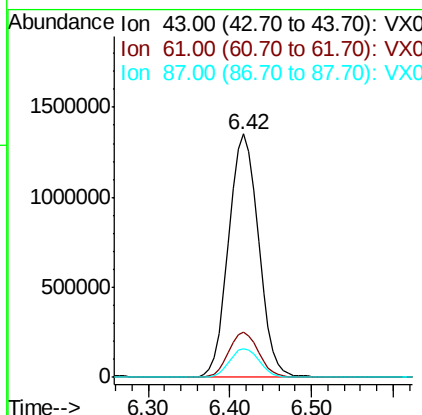
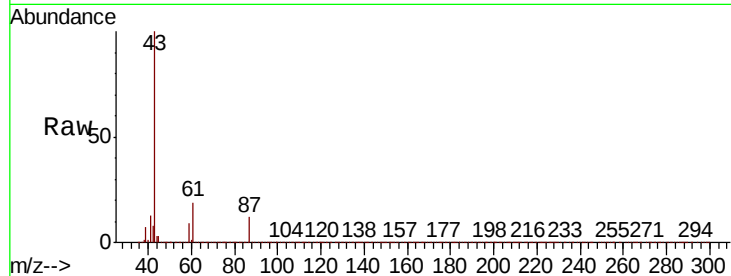
#43
Isopropyl Acetate
Concen: 143.895 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.8	22.2
87	11.8	9.4	14.0

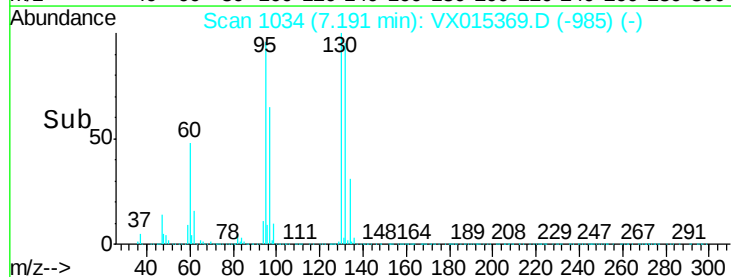
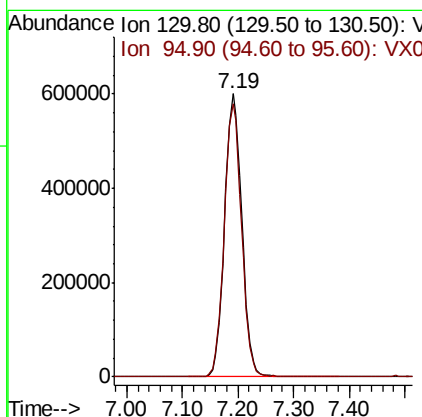
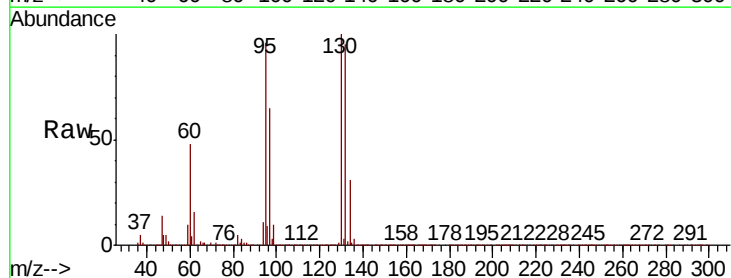
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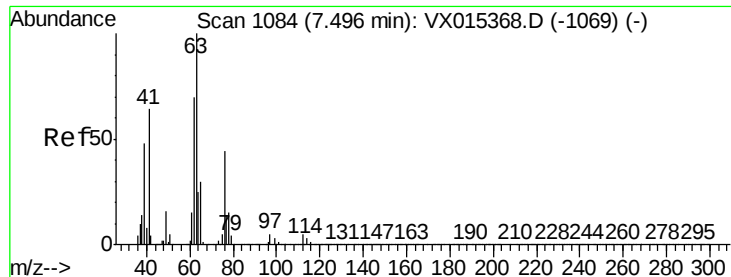
apatel
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#44
Trichloroethene
Concen: 100.193 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	199.0





#45

1,2-Dichloropropane

Concen: 110.111 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 1245328

Ion Ratio Lower Upper

63 100

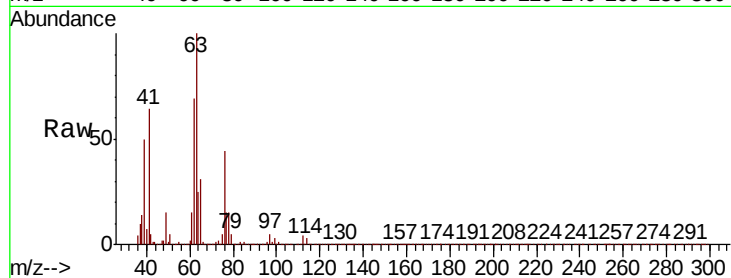
65 31.3 23.9 35.9

Manual Integrations

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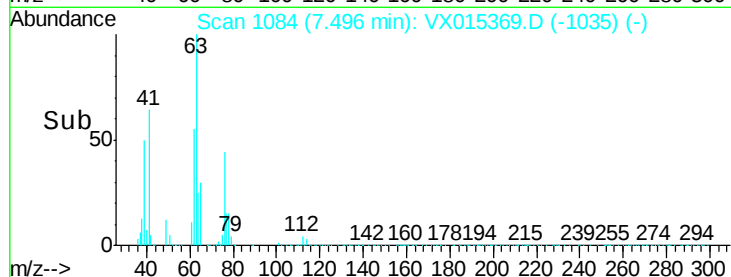
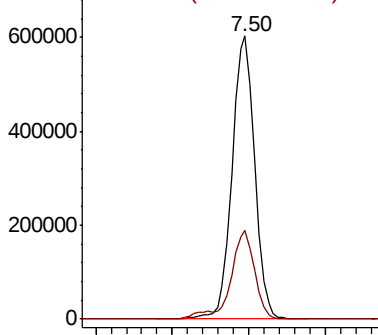
apatel

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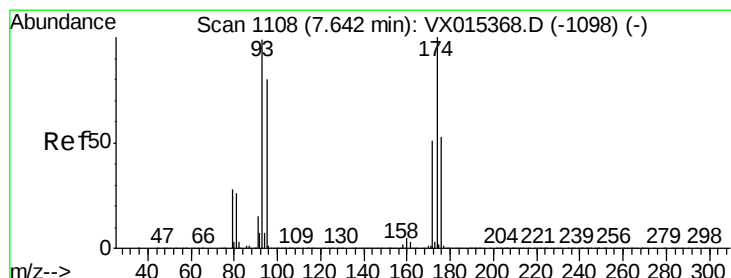


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 102.254 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

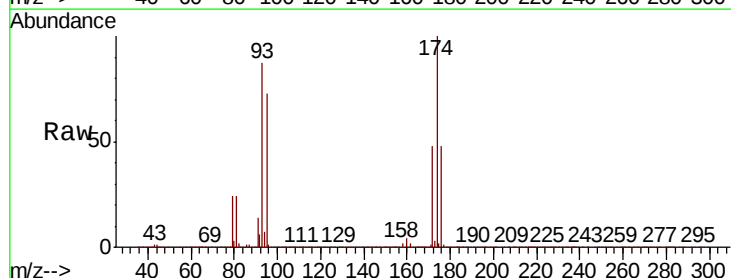
Tgt Ion: 93 Resp: 808762

Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

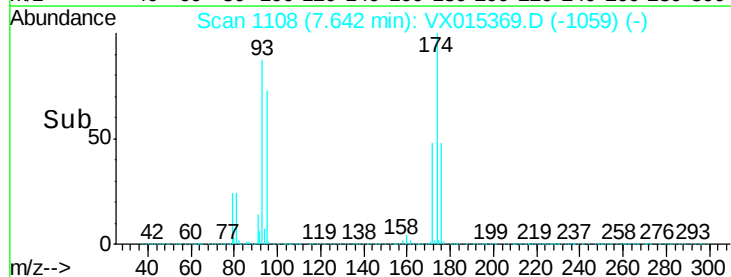
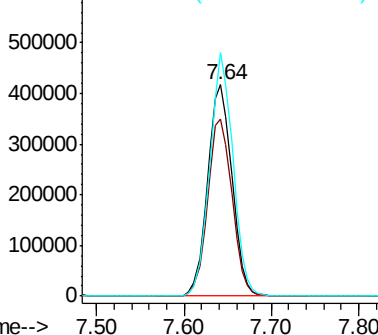
174 109.4 86.2 129.2



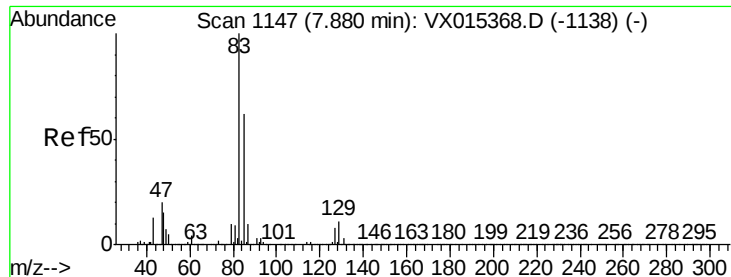
Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->



#47

Bromodichloromethane

Concen: 116.771 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 1764225

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

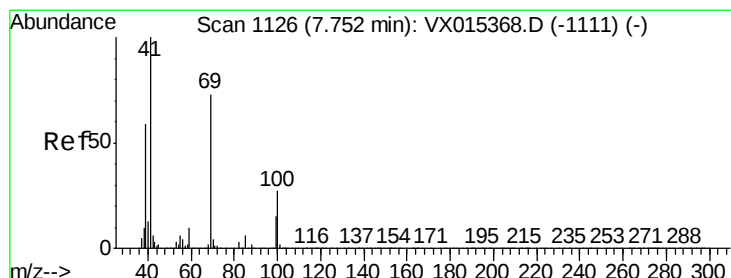
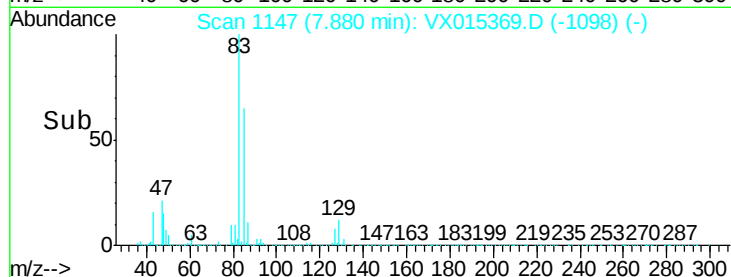
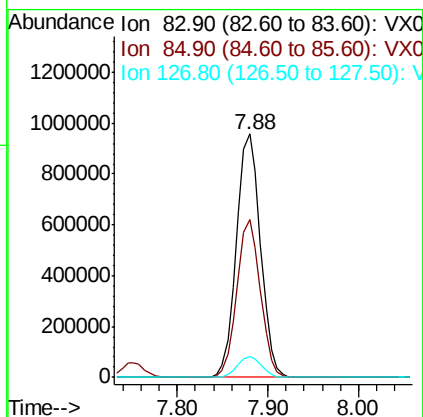
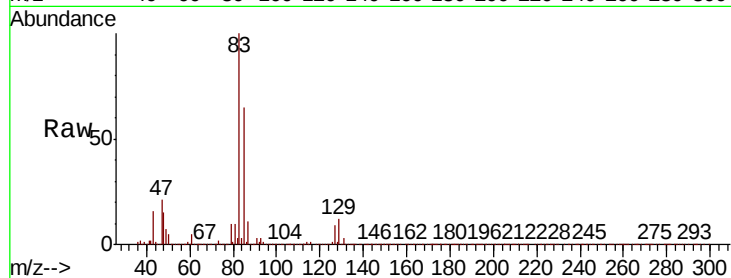
127 8.5 6.7 10.1

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#48

Methyl methacrylate

Concen: 150.135 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

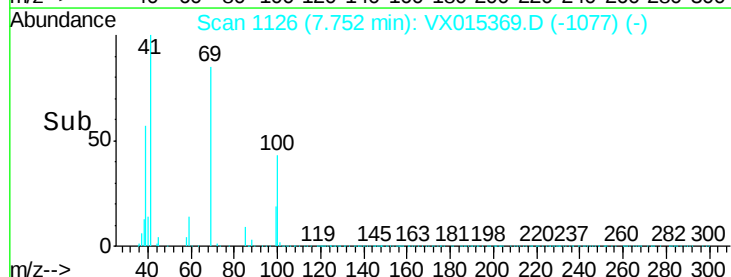
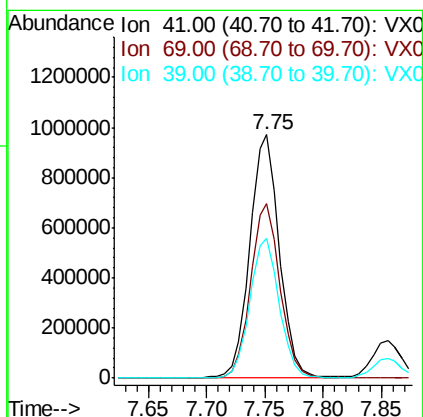
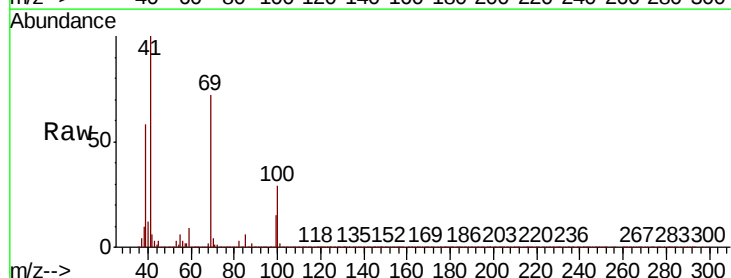
Tgt Ion: 41 Resp: 1710289

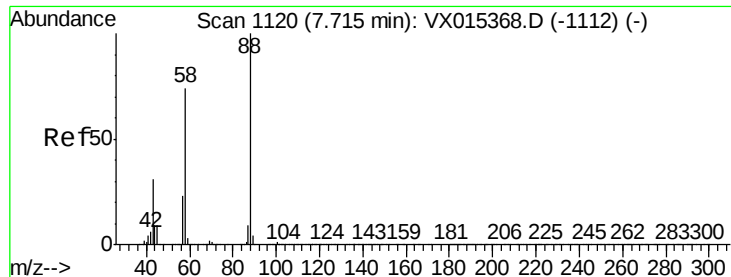
Ion Ratio Lower Upper

41 100

69 71.7 56.7 85.1

39 57.3 46.5 69.7





#49

1,4-Dioxane

Concen: 2212.084 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

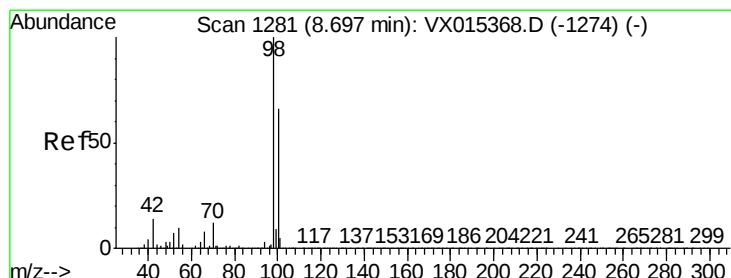
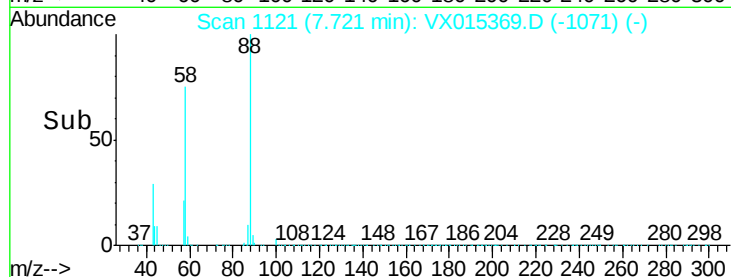
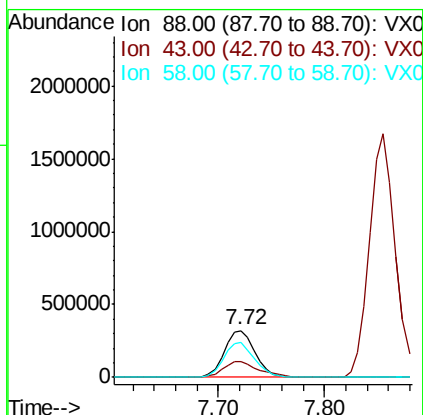
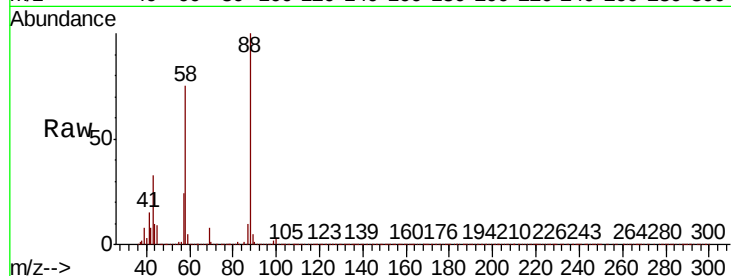
ClientSampleId :

VSTDIC100

Tot Ion:	88	Resp:	641253
Ion Ratio	Lower	Upper	
88	100		
43	38.5	30.1	45.1
58	75.6	60.6	90.8

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#50

Toluene-d8

Concen: 100.526 ug/l

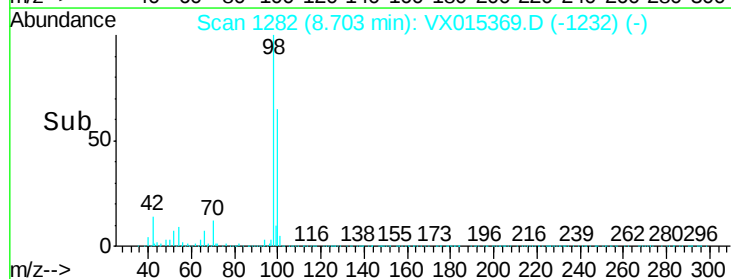
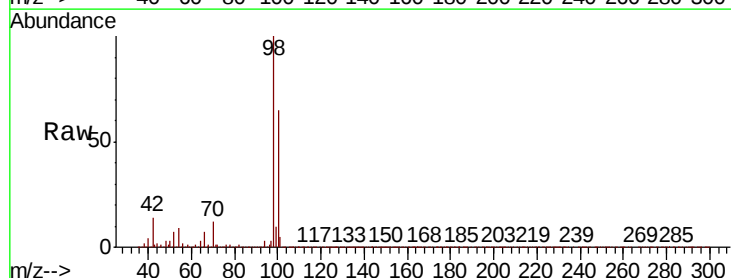
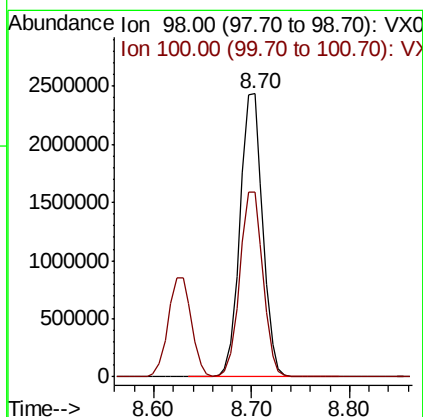
RT: 8.70 min Scan# 1282

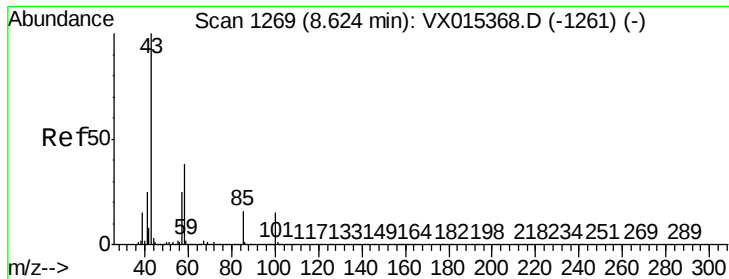
Delta R.T. 0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Tgt Ion:	98	Resp:	3920362
Ion Ratio	Lower	Upper	
98	100		
100	66.5	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 645.829 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 9265084

Ion Ratio Lower Upper

43 100

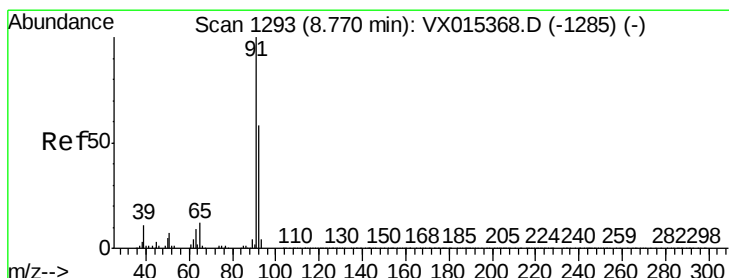
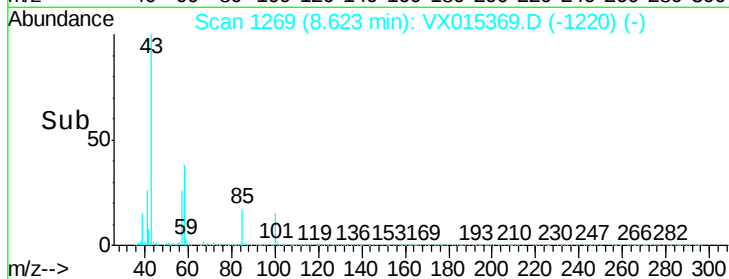
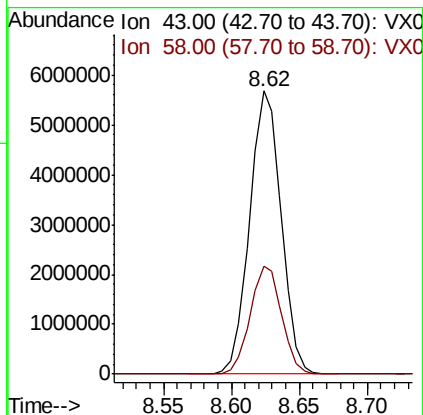
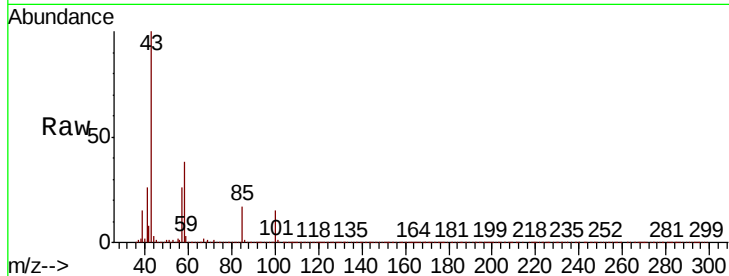
58 37.9 29.7 44.5

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#52

Toluene

Concen: 100.229 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015369.D

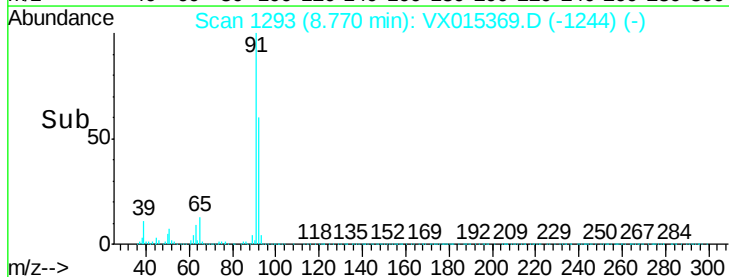
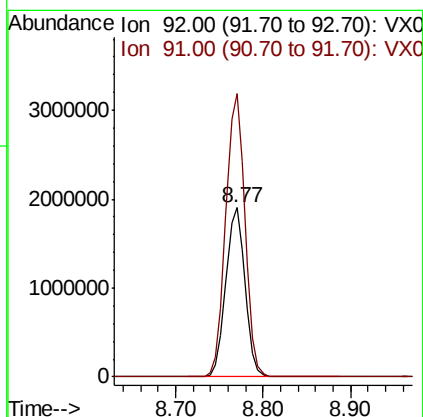
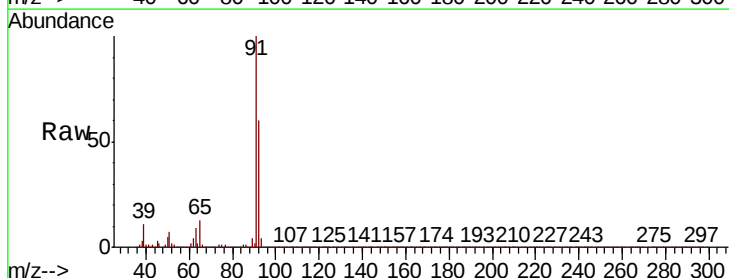
Acq: 26 Mar 2020 21:01

Tgt Ion: 92 Resp: 2876879

Ion Ratio Lower Upper

92 100

91 168.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 125.005 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 2051521

Ion Ratio Lower Upper

75 100

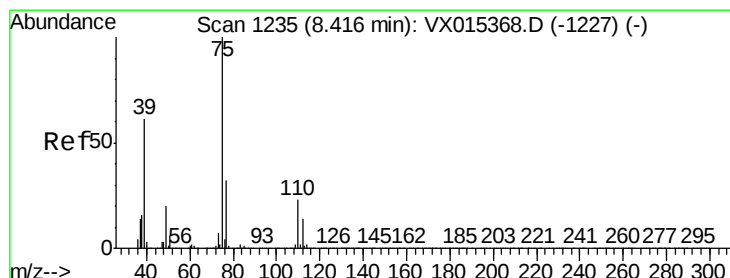
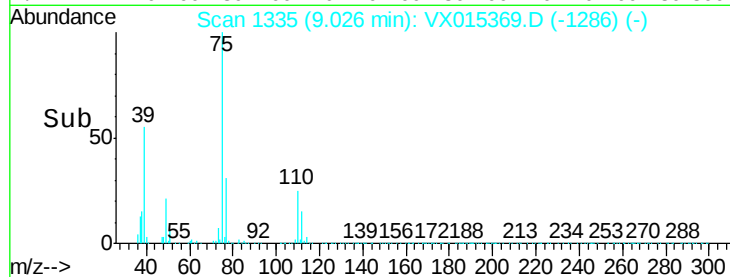
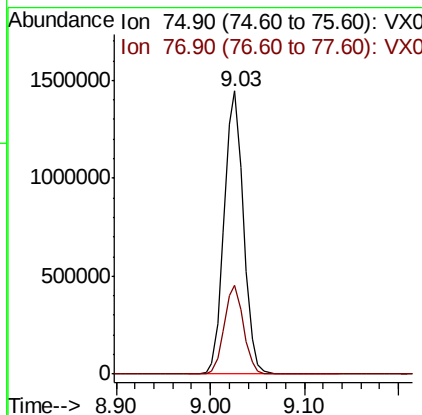
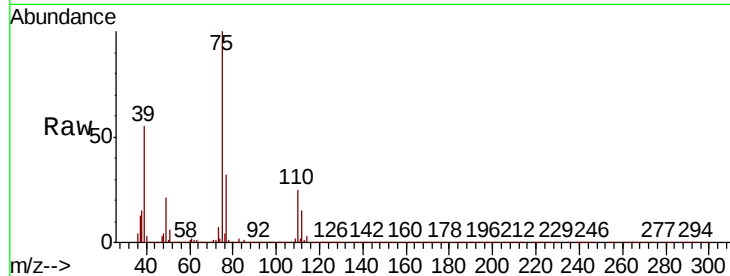
77 31.5 24.1 36.1

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#54

cis-1,3-Dichloropropene

Concen: 115.371 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

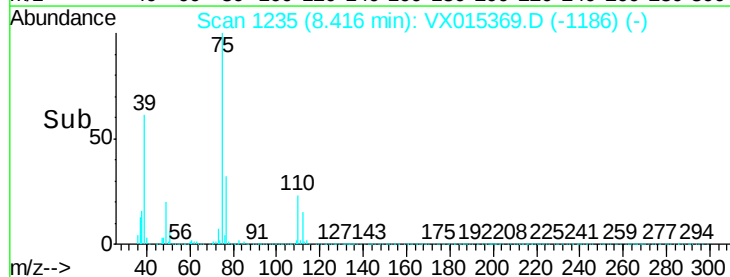
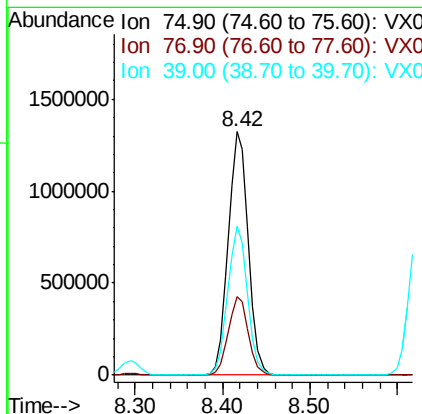
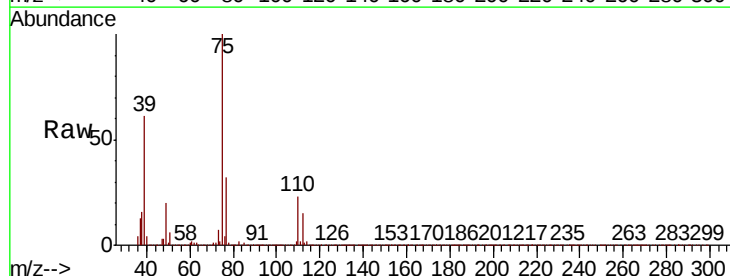
Tgt Ion: 75 Resp: 2102920

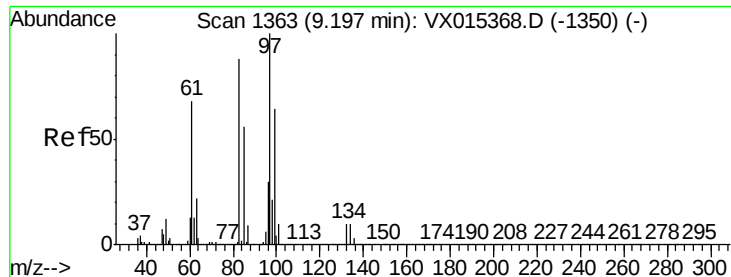
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

39 61.3 49.0 73.4





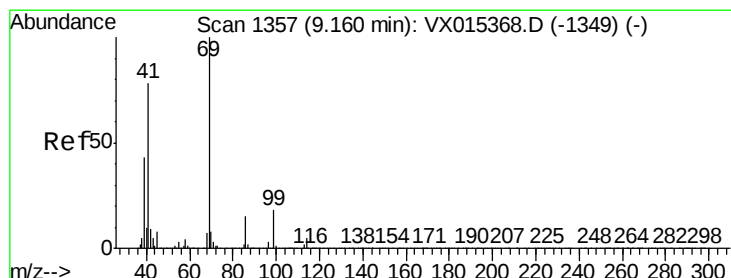
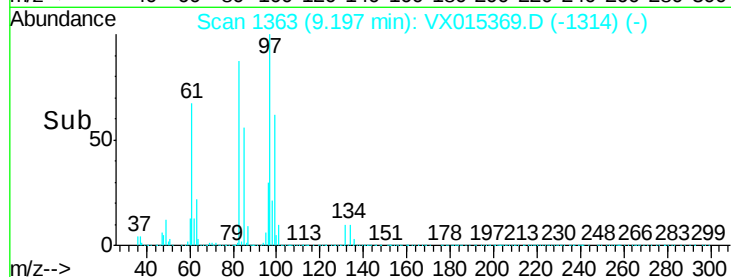
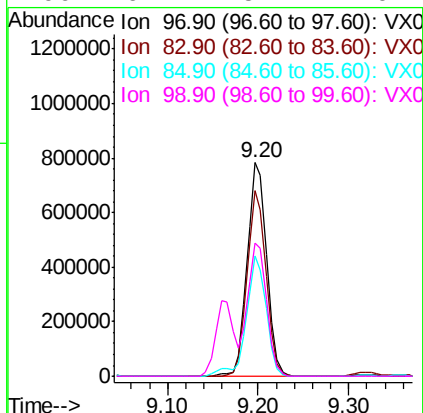
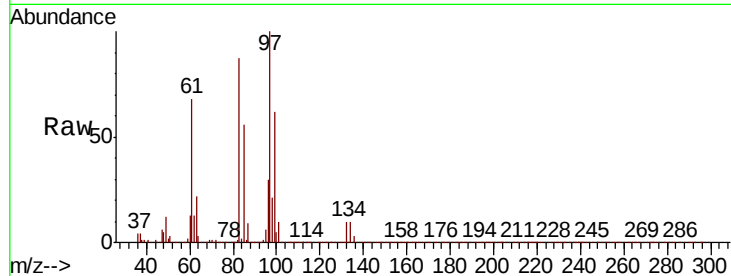
#55
1,1,2-Trichloroethane
Concen: 94.267 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.6	70.2	105.4	
85	56.1	44.7	67.1	
99	62.1	51.1	76.7	

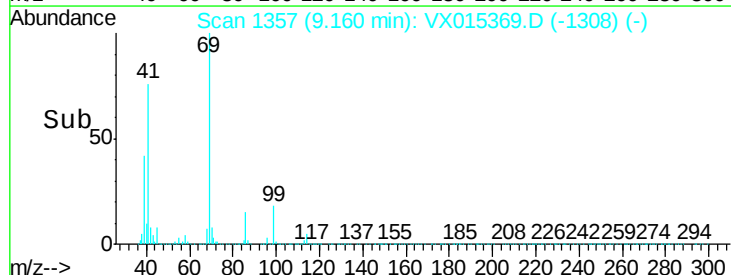
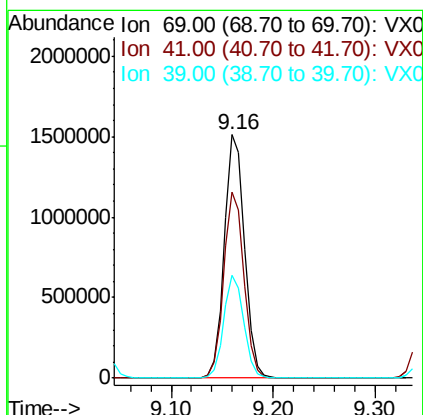
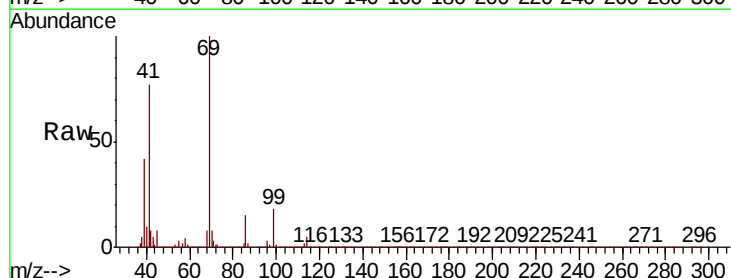
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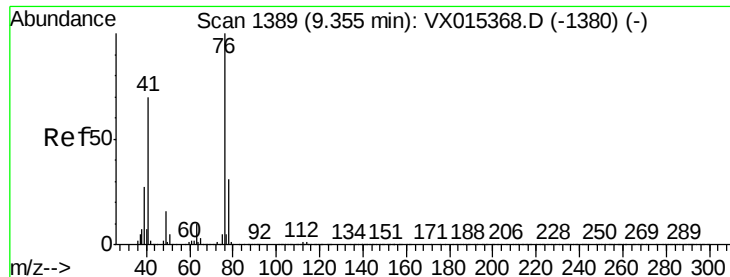
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#56
Ethyl methacrylate
Concen: 123.843 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	76.6	61.6	92.4	
39	42.0	34.0	51.0	





#57

1,3-Dichloropropane

Concen: 99.599 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 2030977

Ion Ratio Lower Upper

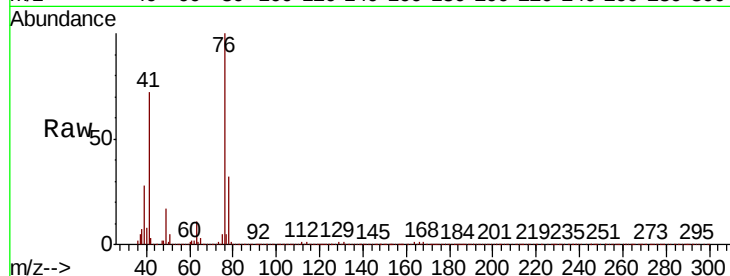
76 100

78 32.4 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

1500000

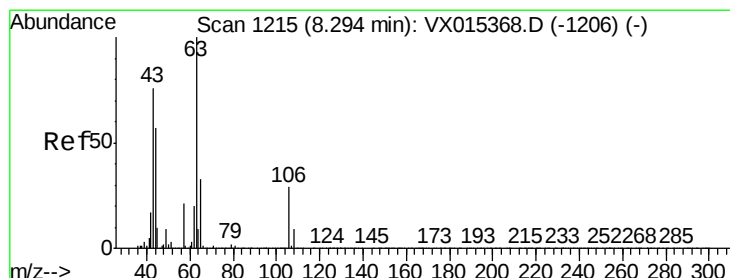
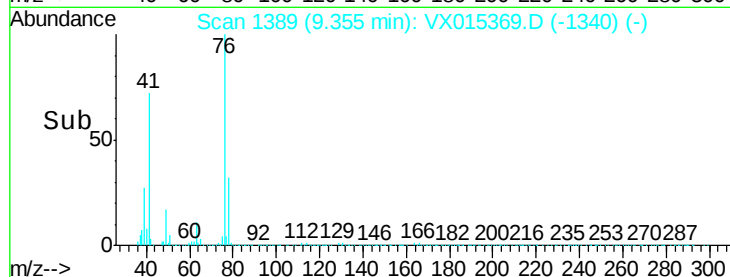
1000000

500000

0

9.30 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 534.555 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015369.D

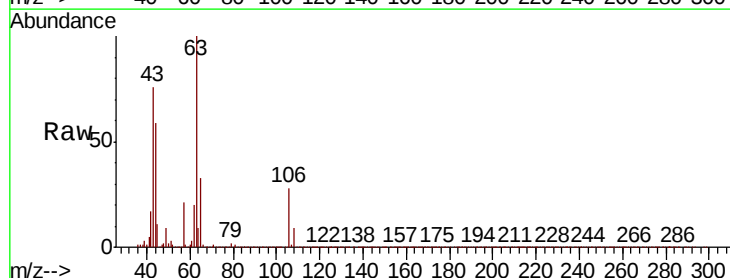
Acq: 26 Mar 2020 21:01

Tgt Ion: 63 Resp: 4989878

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

3000000

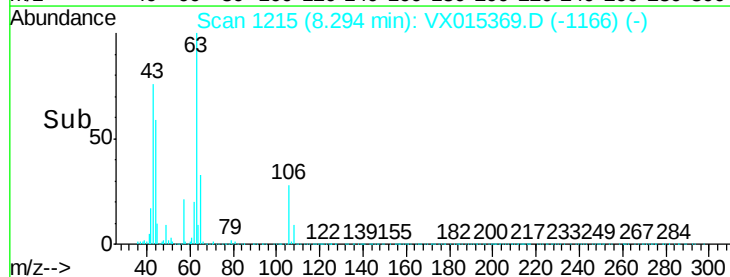
2000000

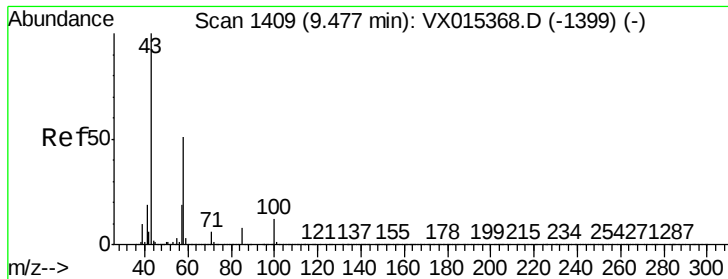
1000000

0

8.20 8.30 8.40

Time-->





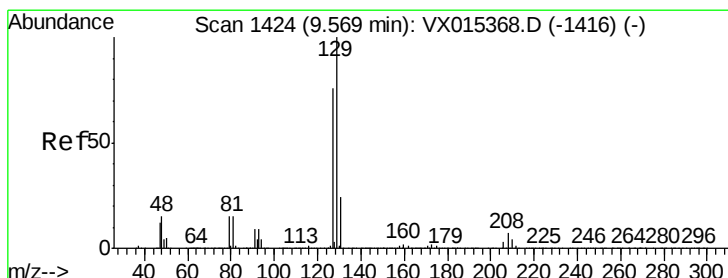
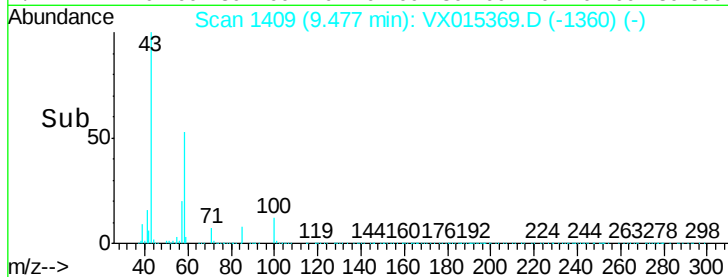
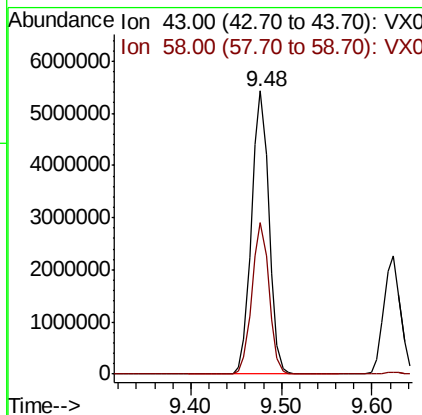
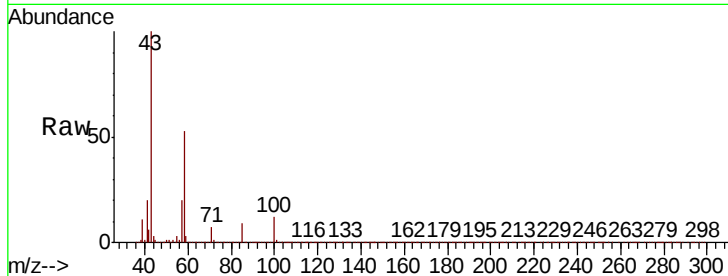
#59
2-Hexanone
Concen: 674.726 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 7224701
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.6

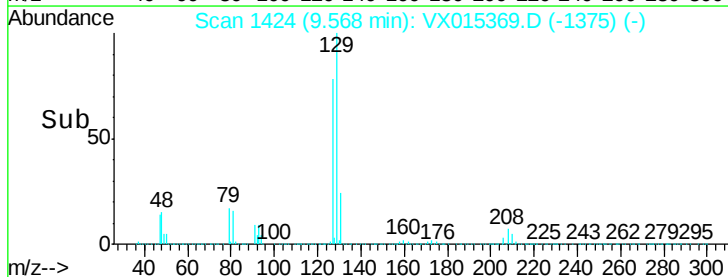
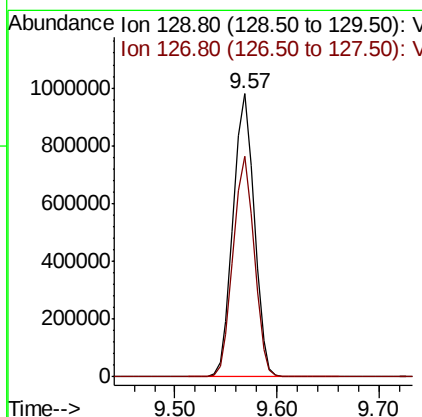
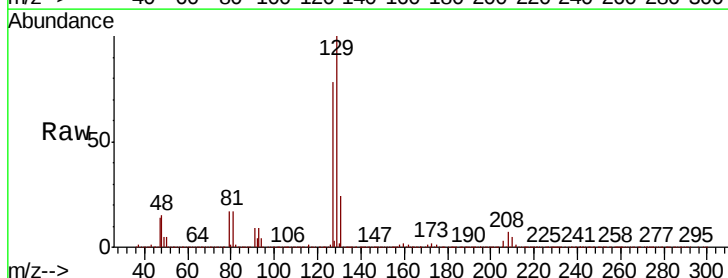
Manual Integrations
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#60
Dibromochloromethane
Concen: 113.499 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 129 Resp: 1401114
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





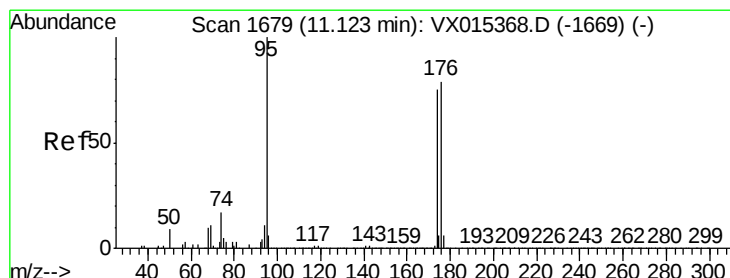
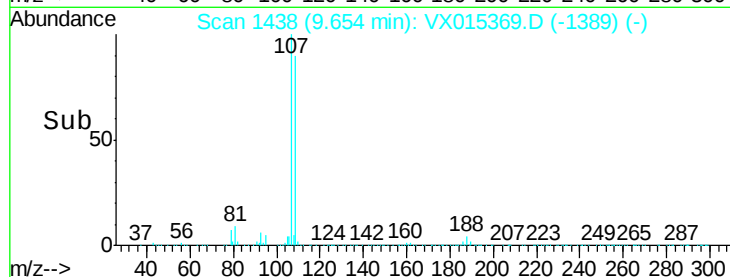
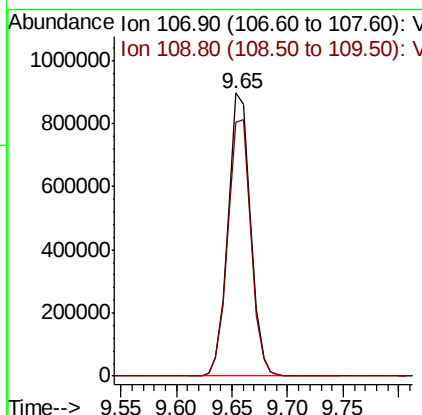
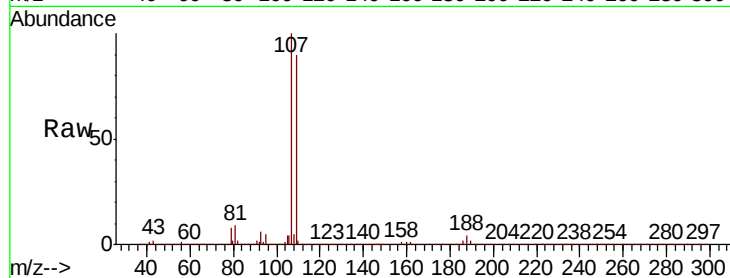
#61
 1,2-Dibromoethane
 Concen: 99.825 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 107 Resp: 1255004
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2

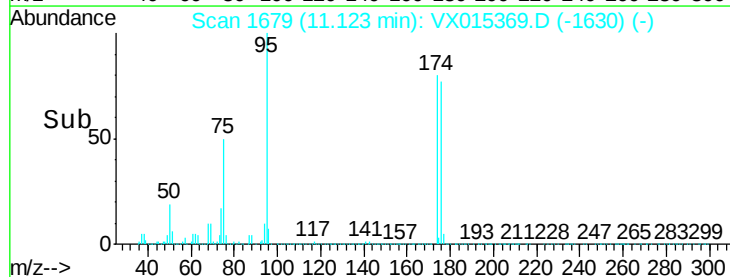
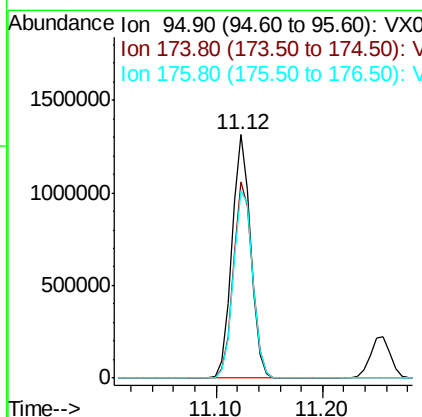
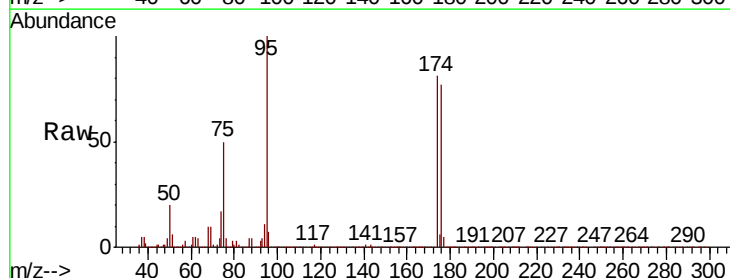
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 107.000 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Tgt Ion: 95 Resp: 1611235
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 158.6
 176 80.1 0.0 159.0





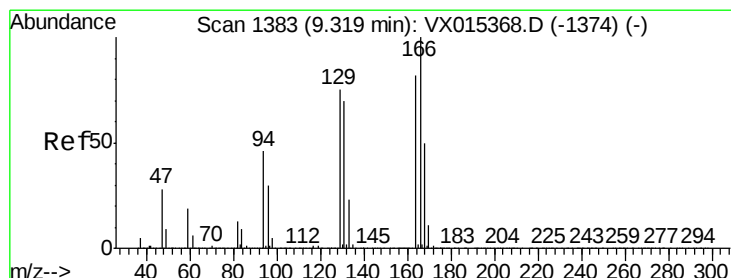
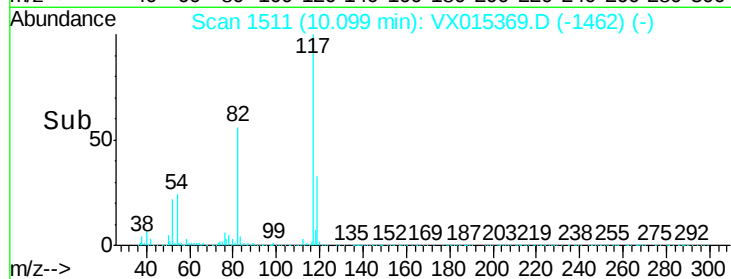
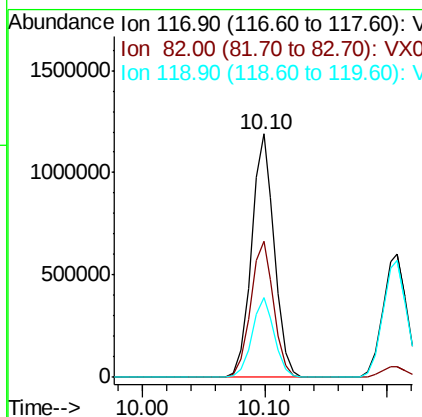
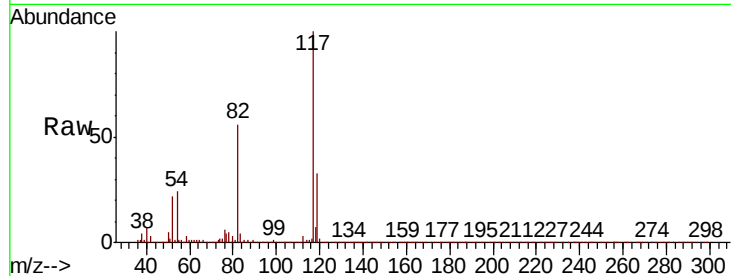
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	47.8	71.8
119	32.7	26.8	40.2

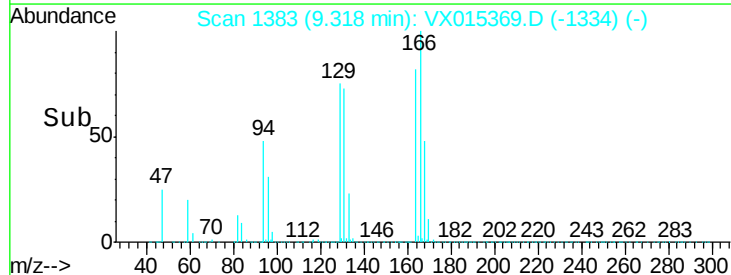
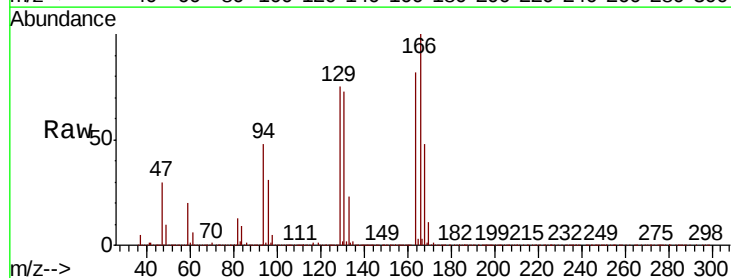
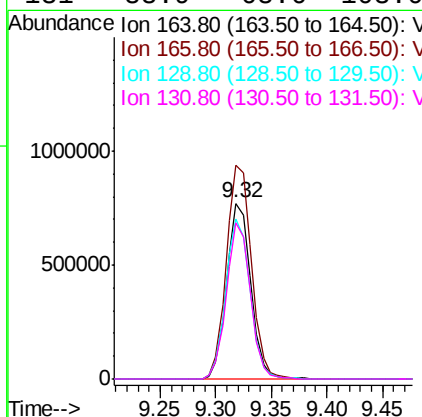
Manual Integrations
APPROVED

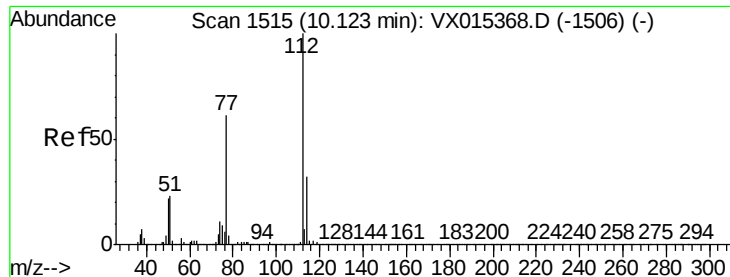
apatel
3/27/2020 5:16:20 PM



#64
Tetrachloroethene
Concen: 104.459 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.4	97.8	146.6
129	91.2	73.0	109.4
131	88.9	68.6	103.0





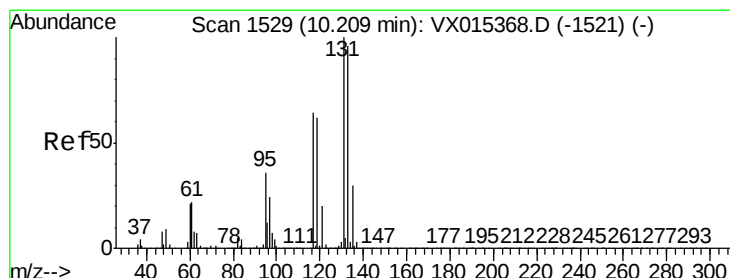
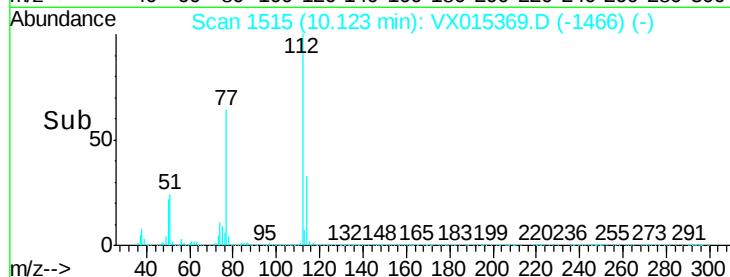
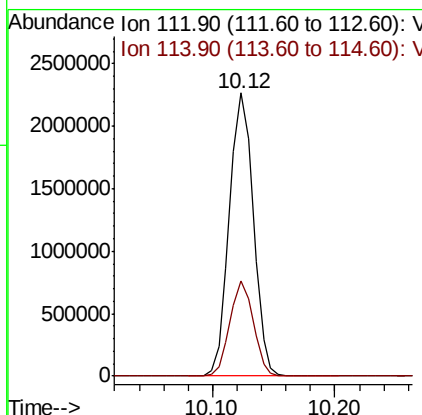
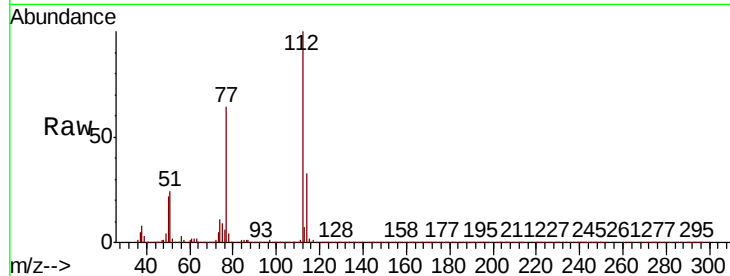
#65
Chlorobenzene
Concen: 96.146 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 3079002
Ion Ratio Lower Upper
112 100
114 33.4 25.5 38.3

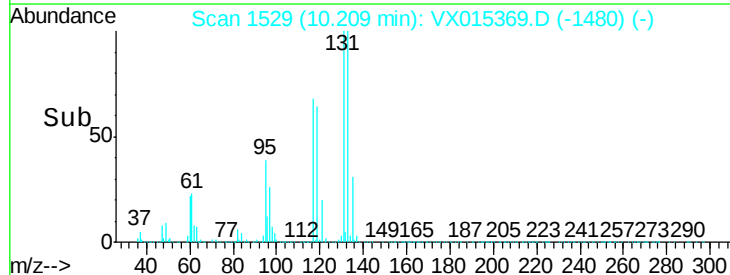
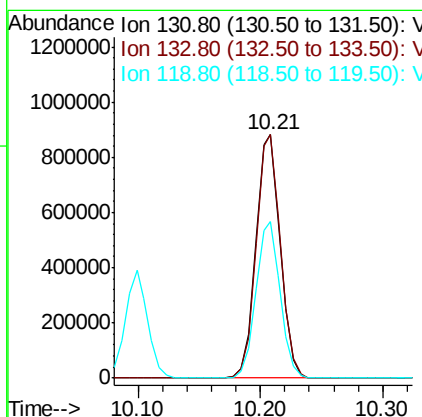
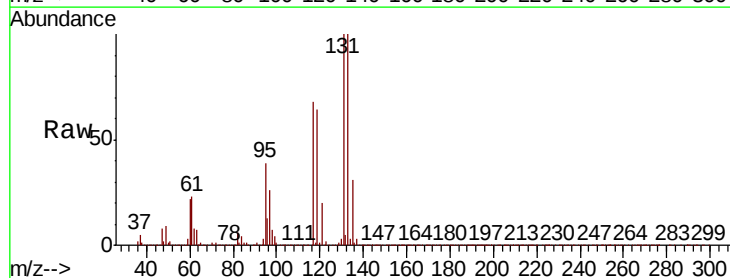
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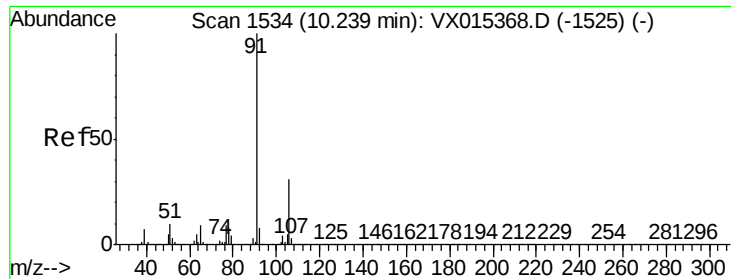
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#66
1,1,1,2-Tetrachloroethane
Concen: 103.531 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion:131 Resp: 1227144
Ion Ratio Lower Upper
131 100
133 99.3 47.6 142.9
119 63.8 31.1 93.3





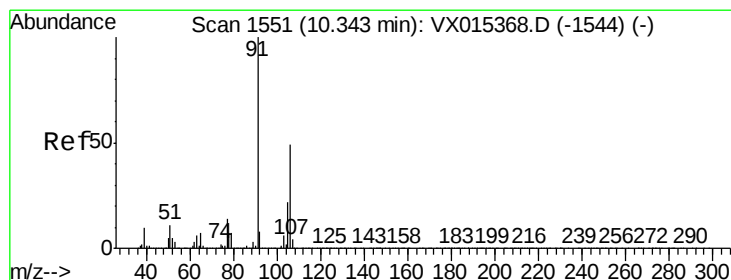
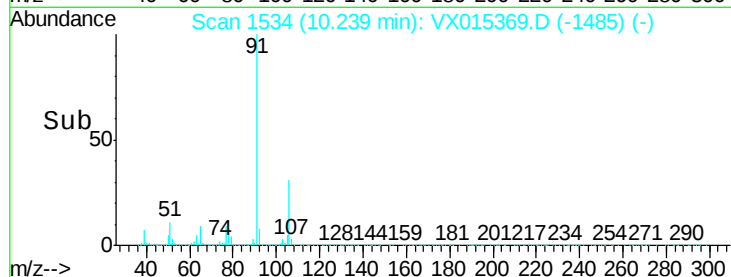
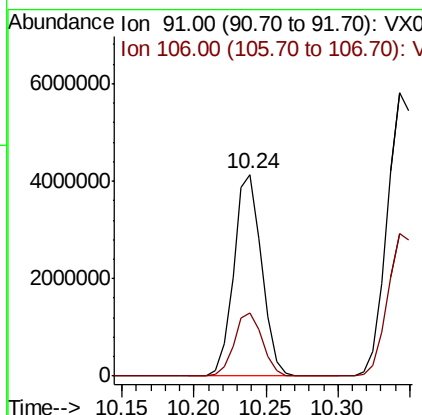
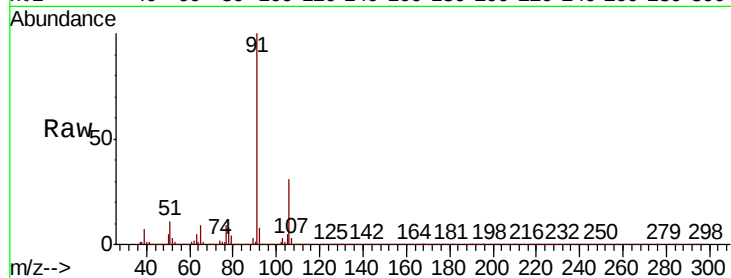
#67
Ethyl Benzene
Concen: 102.431 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 5579202
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2

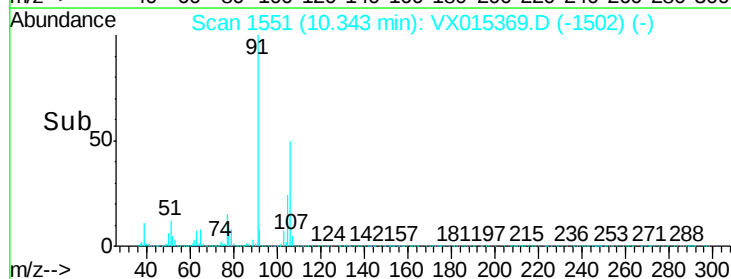
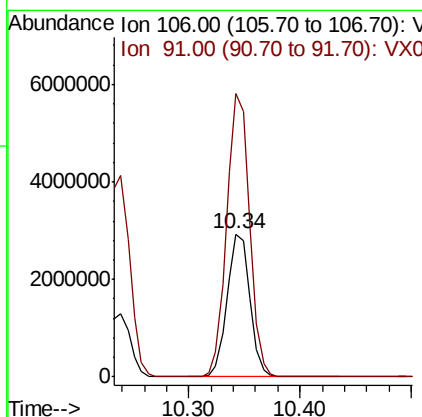
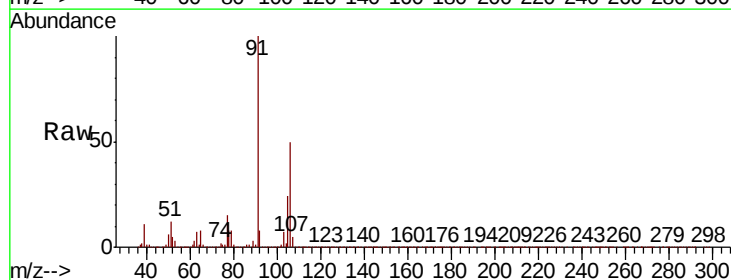
Manual Integrations
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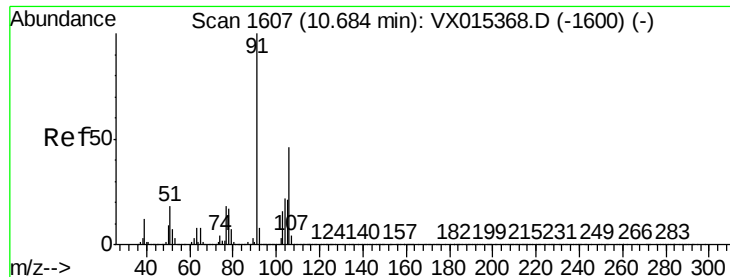
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#68
m/p-Xylenes
Concen: 200.124 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 106 Resp: 4128239
Ion Ratio Lower Upper
106 100
91 199.6 163.4 245.0





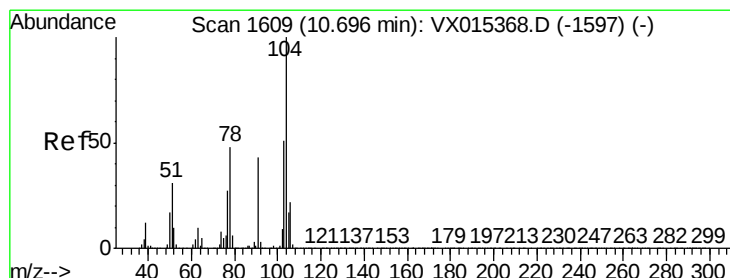
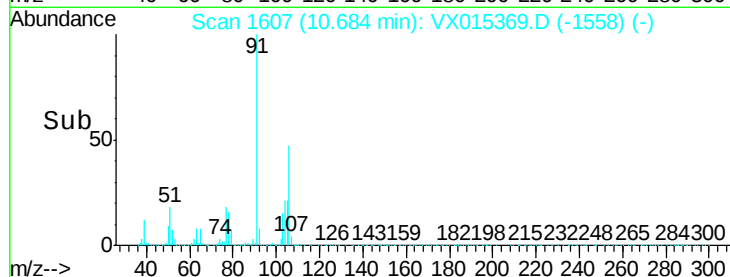
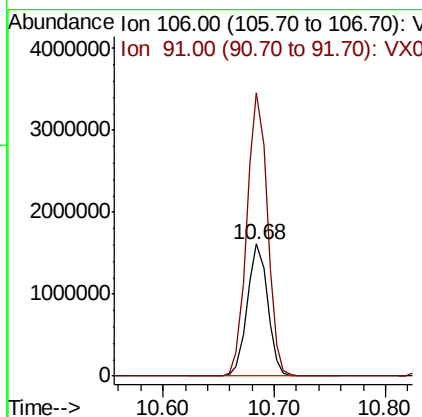
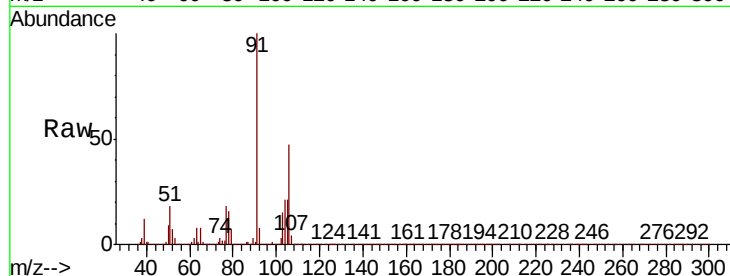
#69
o-Xylene
Concen: 102.510 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 2055565
Ion Ratio Lower Upper
106 100
91 216.2 107.1 321.3

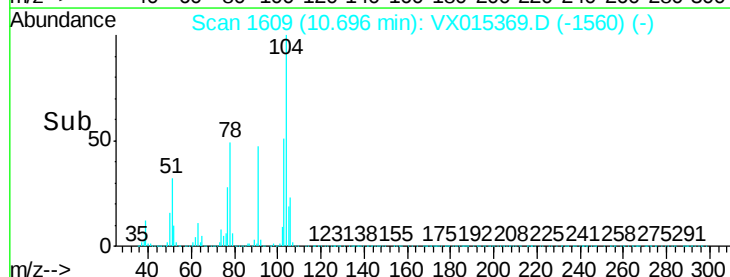
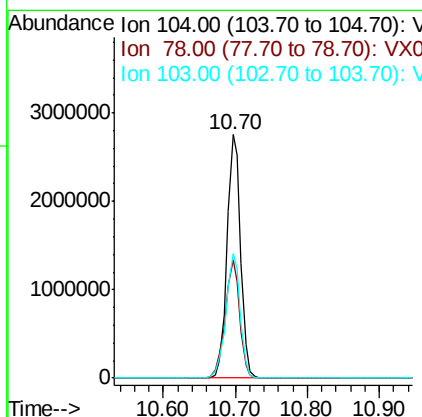
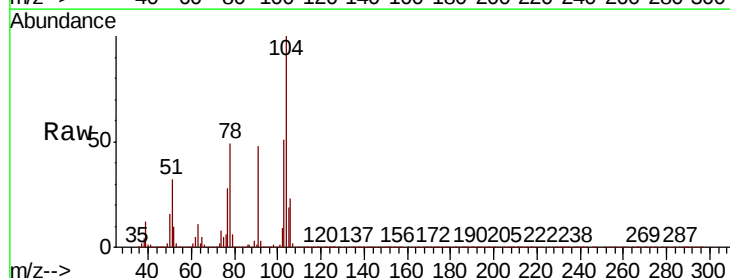
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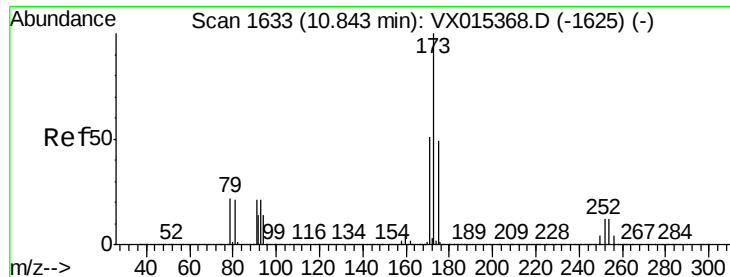
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#70
Styrene
Concen: 108.551 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion:104 Resp: 3637403
Ion Ratio Lower Upper
104 100
78 51.8 42.0 63.0
103 54.2 43.4 65.0





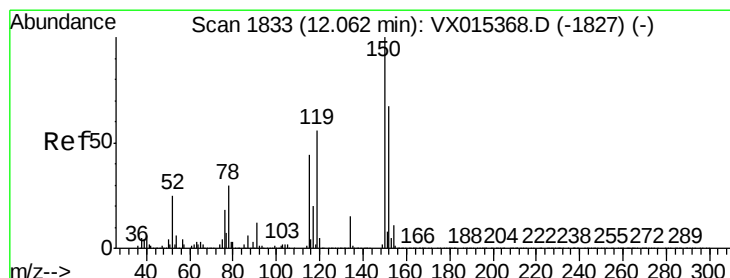
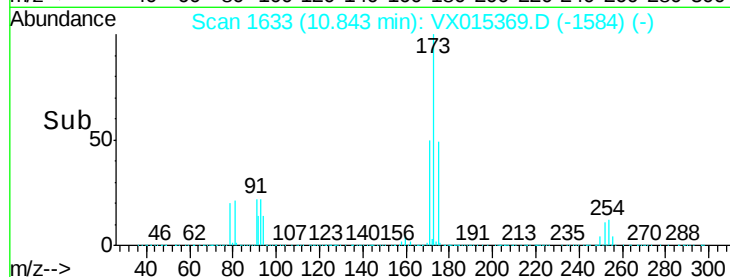
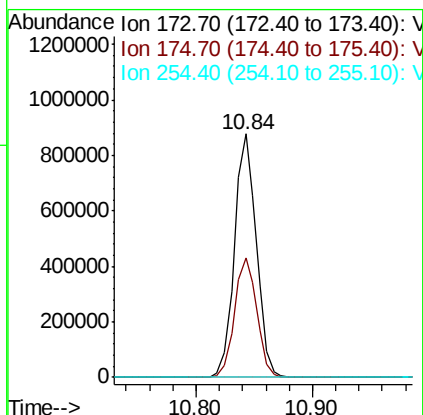
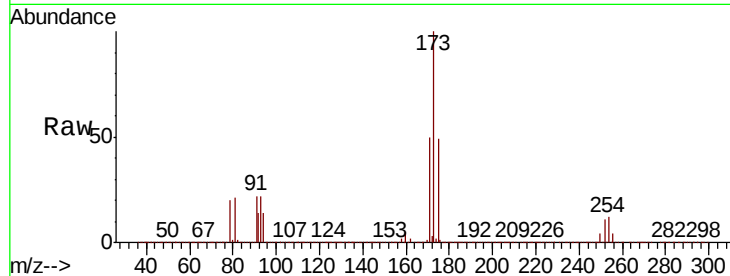
#71
Bromoform
Concen: 139.720 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	23.9	71.7
254	0.2	0.1	0.1#

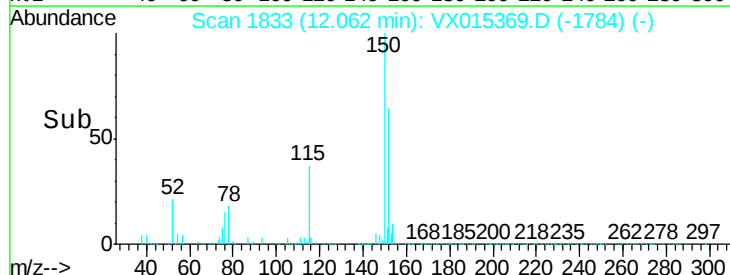
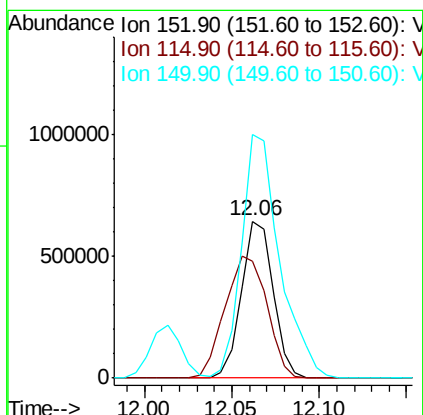
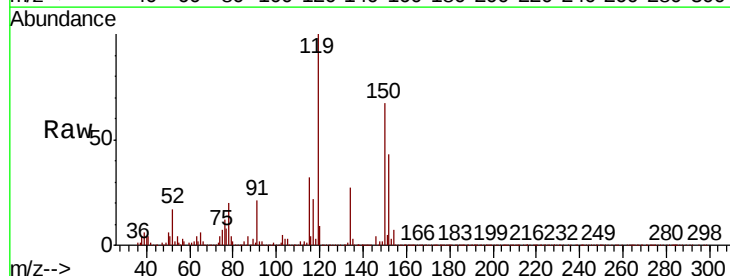
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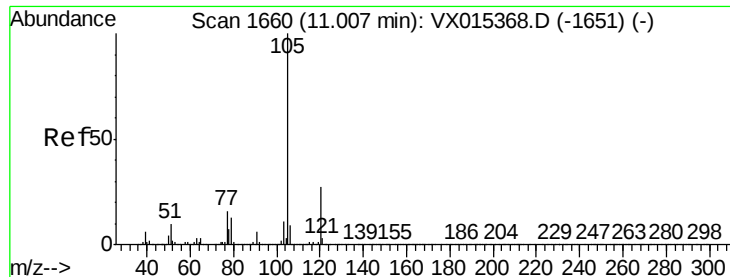
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	102.8	39.0	116.9
150	186.8	0.0	340.8





#73

Isopropylbenzene

Concen: 91.765 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 5461572

Ion Ratio Lower Upper

105 100

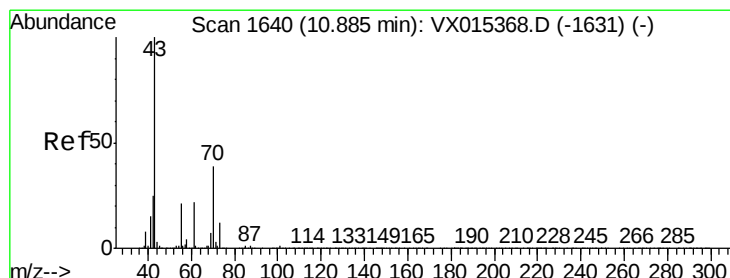
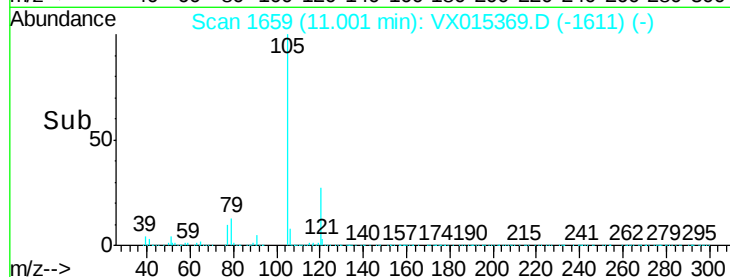
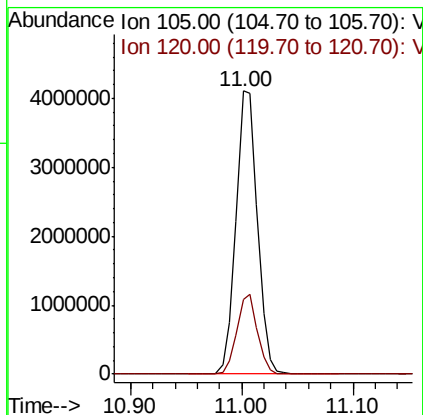
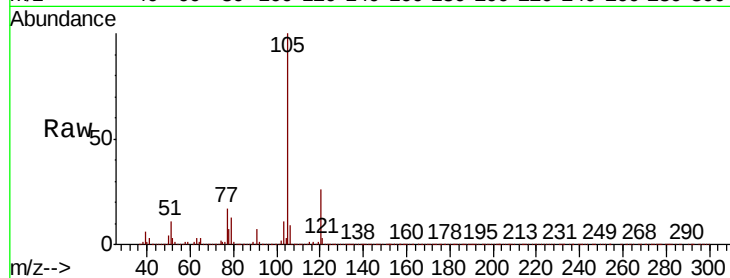
120 27.1 13.2 39.5

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#74

N-ethyl acetate

Concen: 133.323 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Tgt Ion: 43 Resp: 3009458

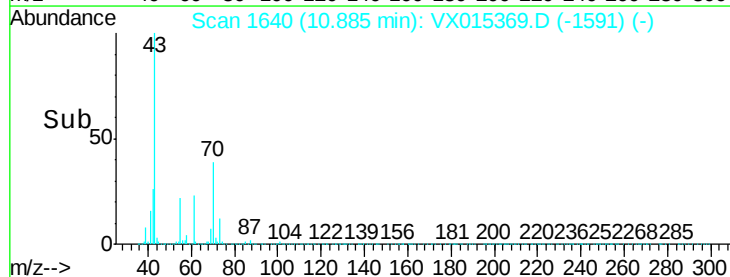
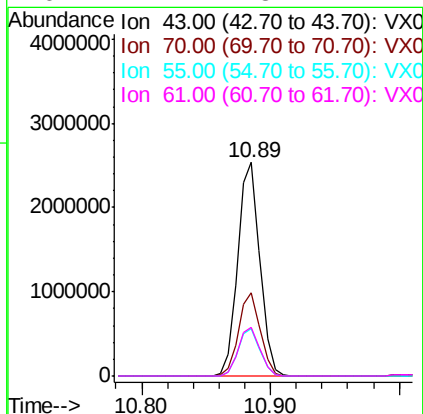
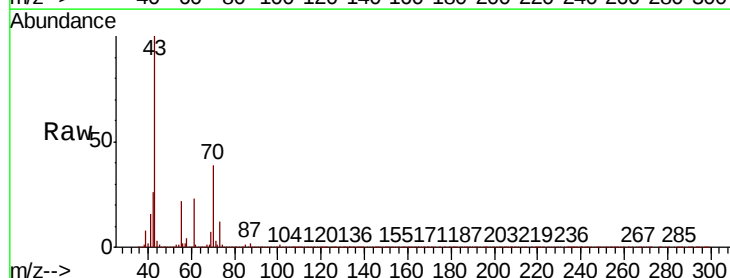
Ion Ratio Lower Upper

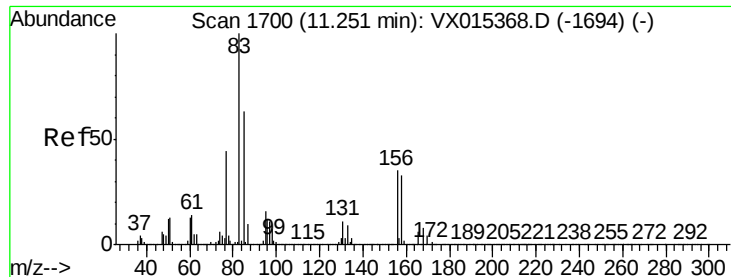
43 100

70 38.5 30.2 45.4

55 21.7 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 96.516 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 83 Resp: 1837137

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

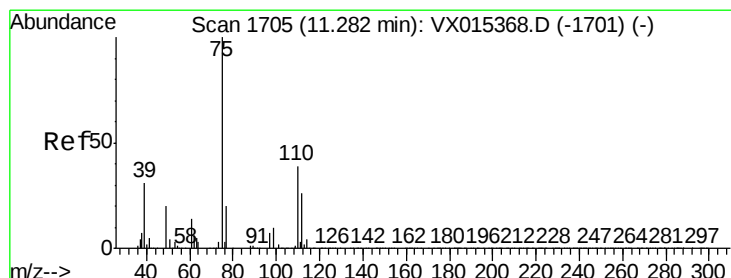
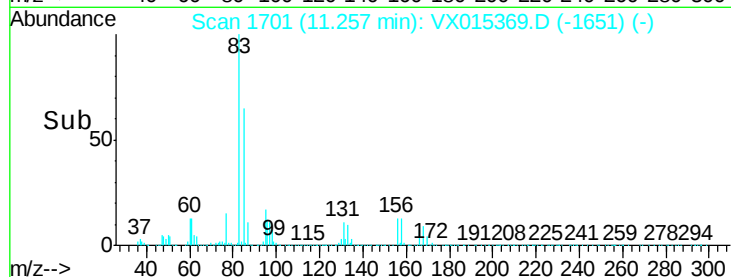
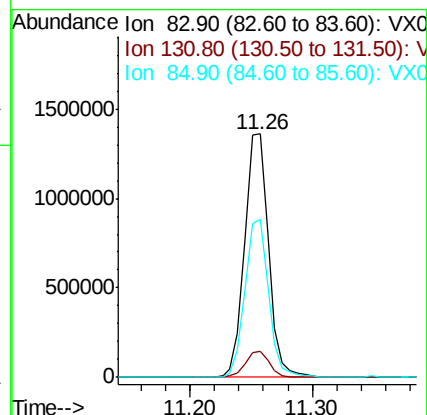
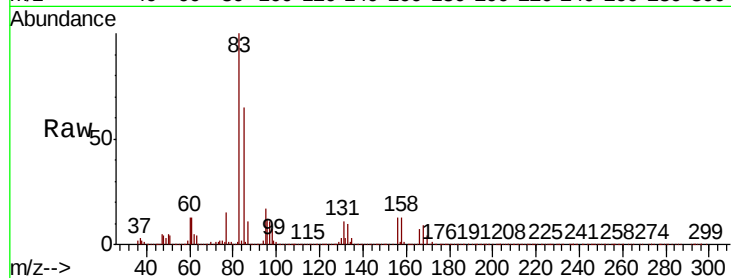
85 64.4 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 98.594 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015369.D

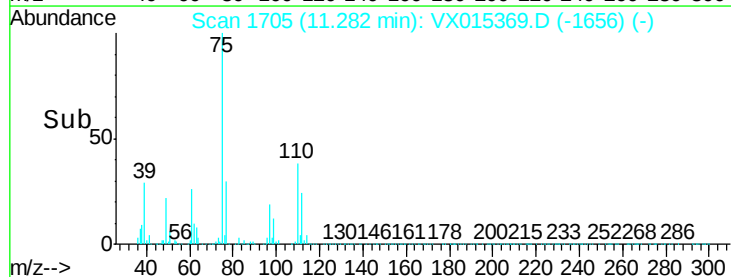
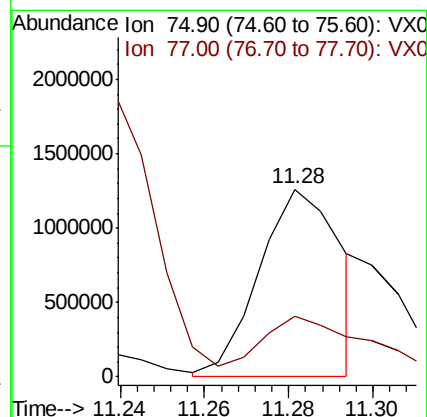
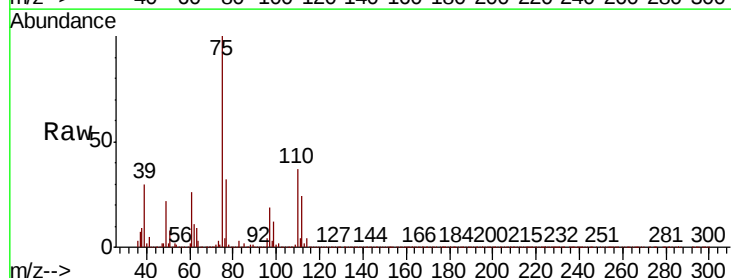
Acq: 26 Mar 2020 21:01

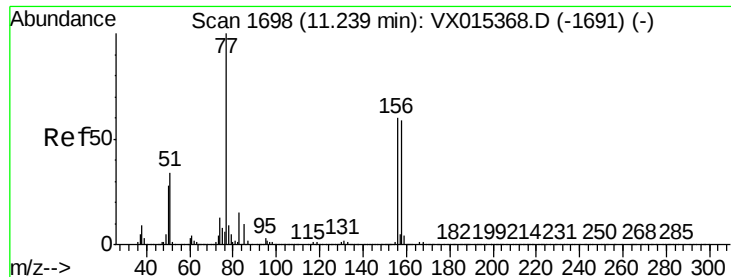
Tgt Ion: 75 Resp: 1694546

Ion Ratio Lower Upper

75 100

77 42.8 21.2 63.6





#77

Bromobenzene

Concen: 99.218 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 1415938

Ion Ratio Lower Upper

156 100

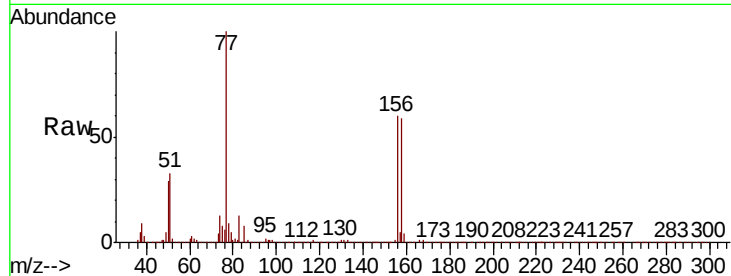
77 166.2 82.2 246.5

158 100.2 49.3 147.9

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

2500000

2000000

1500000

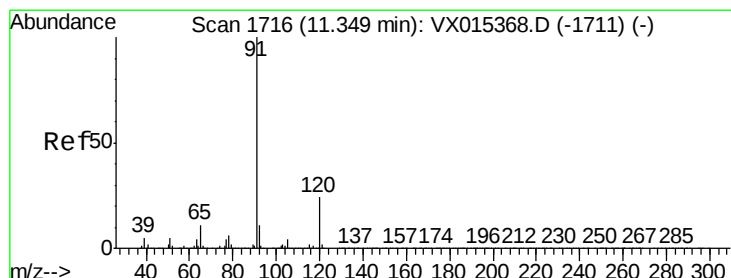
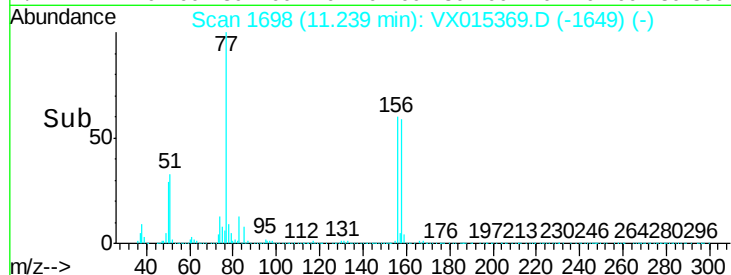
1000000

500000

0

11.20 11.30

Time-->



#78

n-propylbenzene

Concen: 93.144 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015369.D

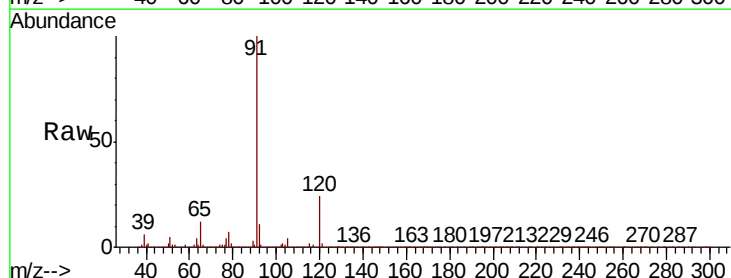
Acq: 26 Mar 2020 21:01

Tgt Ion: 91 Resp: 6227162

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

5000000

4000000

3000000

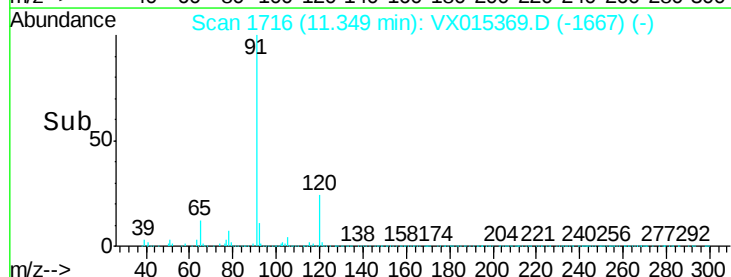
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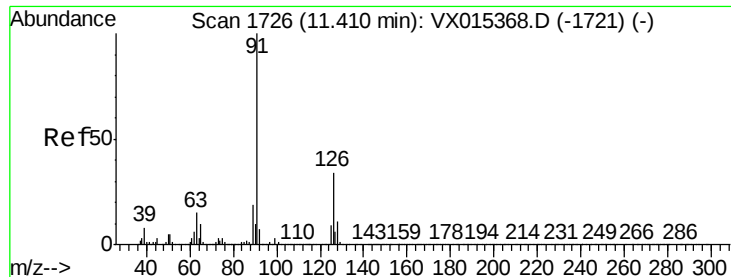
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0

11.30 11.35

Time-->





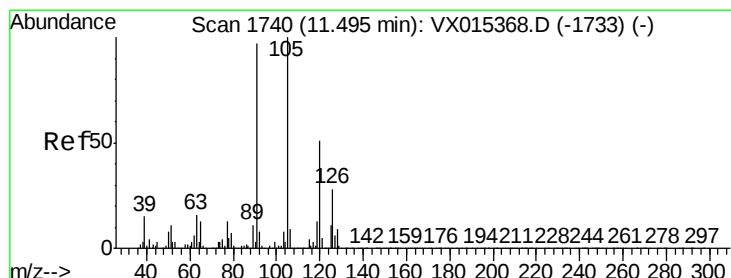
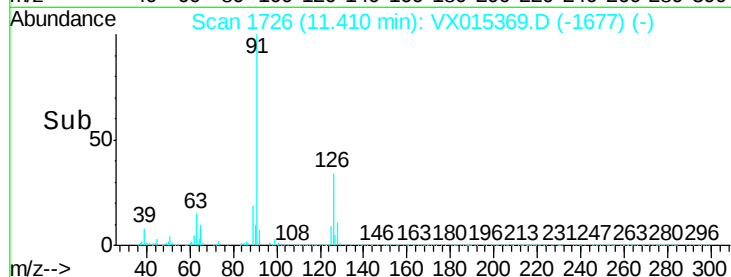
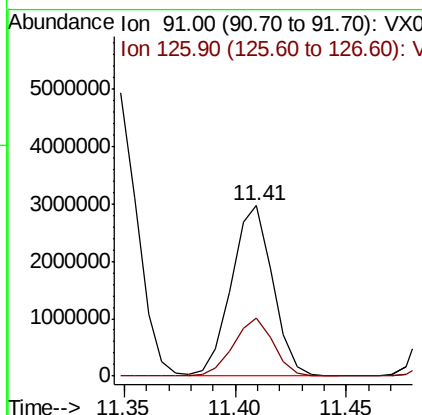
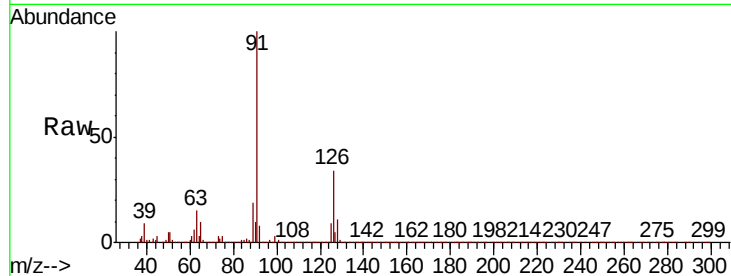
#79
 2-Chlorotoluene
 Concen: 93.311 ug/l
 RT: 11.41 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 3797969
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.5 49.5

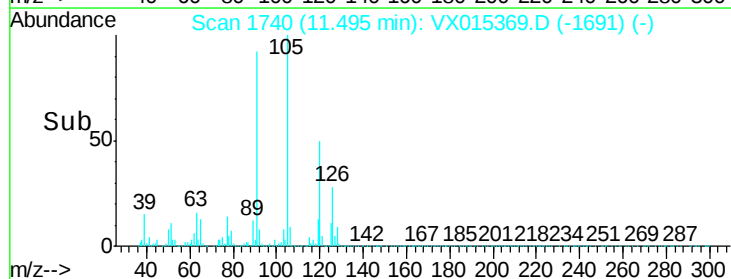
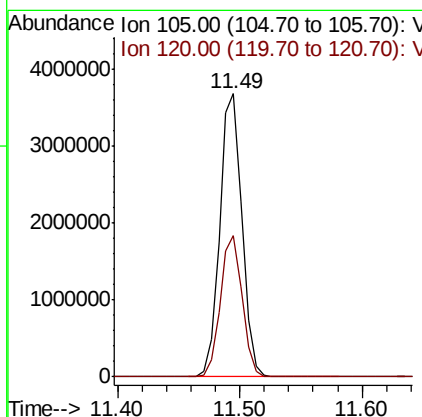
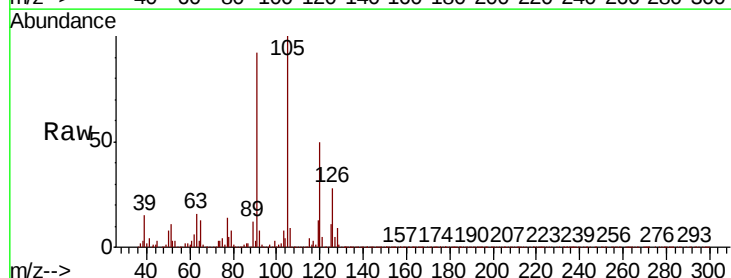
Manual Integrations
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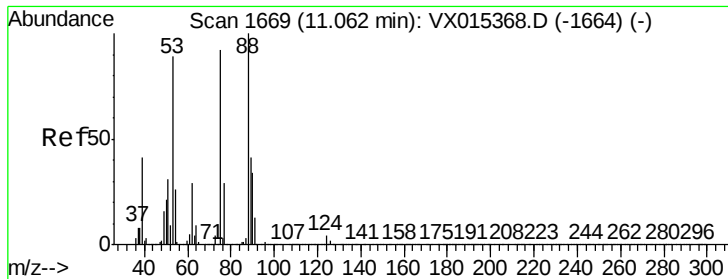
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 95.854 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Tgt Ion: 105 Resp: 4608812
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.4





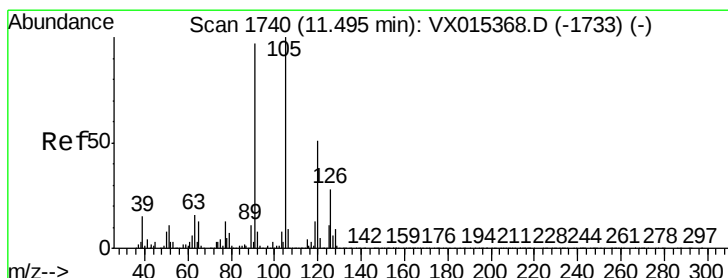
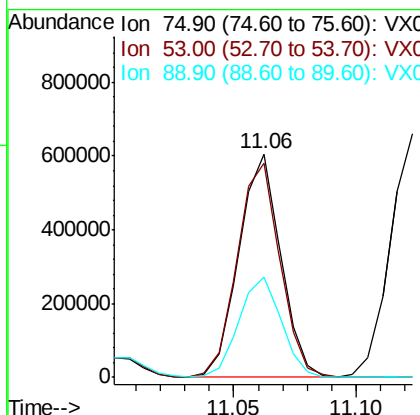
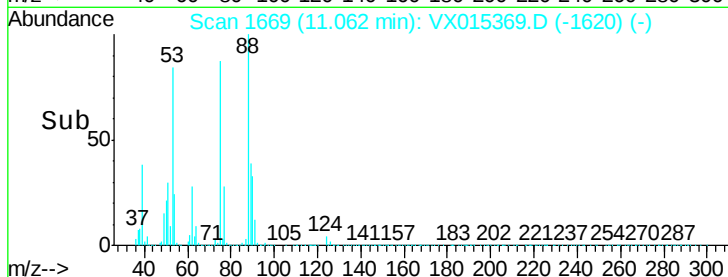
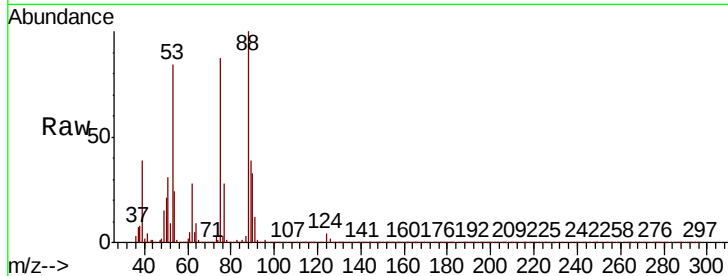
#81
trans-1,4-Dichloro-2-butene
Concen: 111.779 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.9	80.1	120.1
89	46.1	36.1	54.1

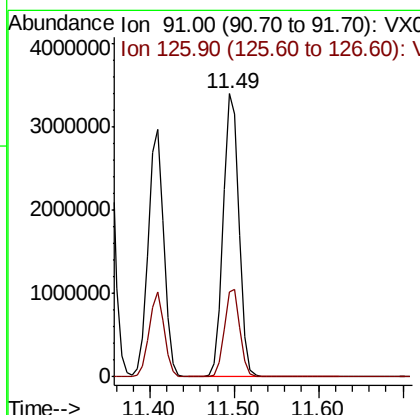
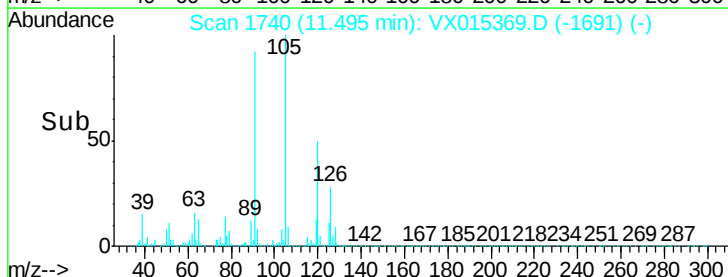
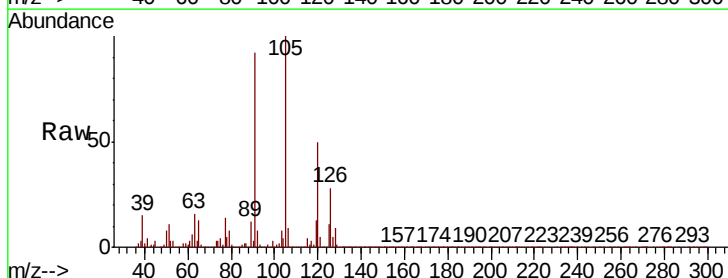
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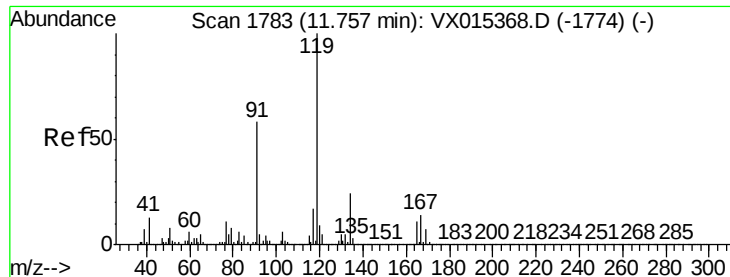
apatel
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#82
4-Chlorotoluene
Concen: 95.834 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.7	44.1





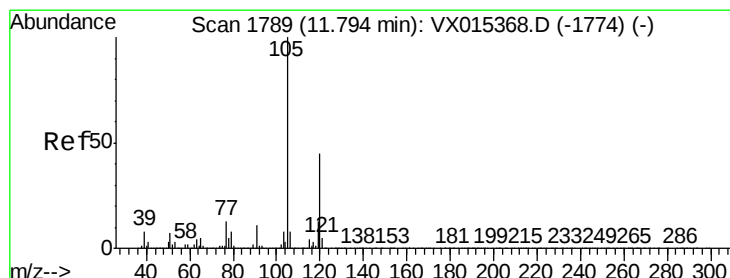
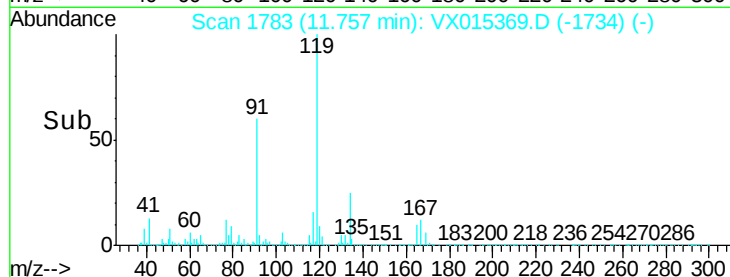
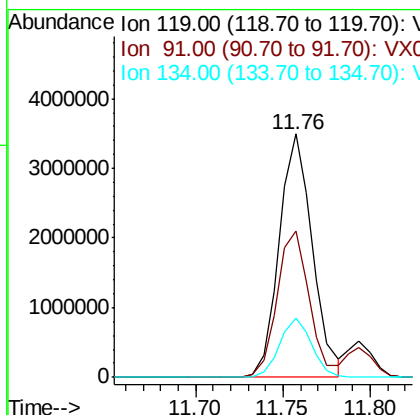
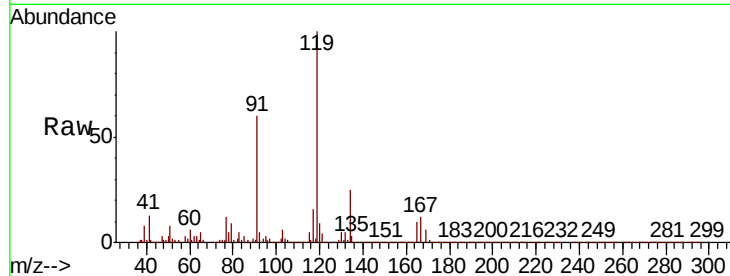
#83
tert-Butylbenzene
Concen: 97.774 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	28.6	85.8
134	23.5	11.8	35.3

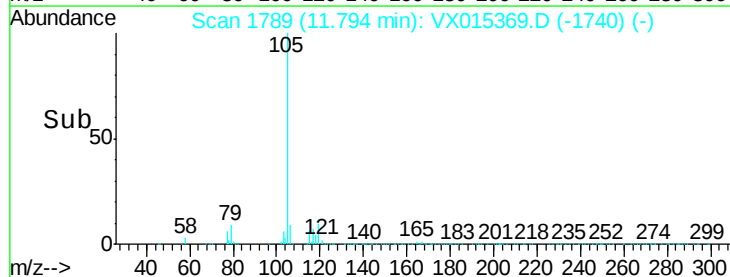
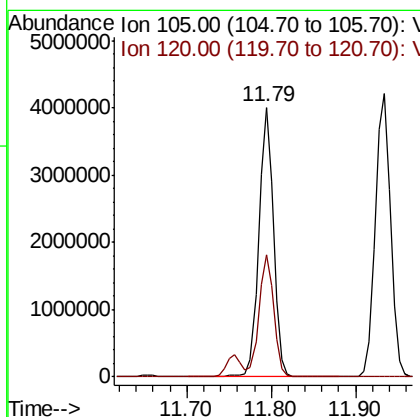
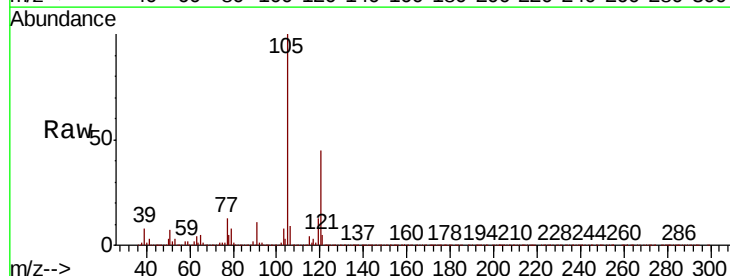
Manual Integrations
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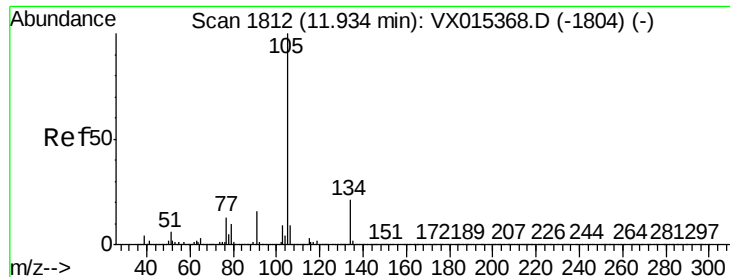
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#84
1,2,4-Trimethylbenzene
Concen: 95.480 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.1





#85

sec-Butylbenzene

Concen: 94.917 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 5307210

Ion Ratio Lower Upper

105 100

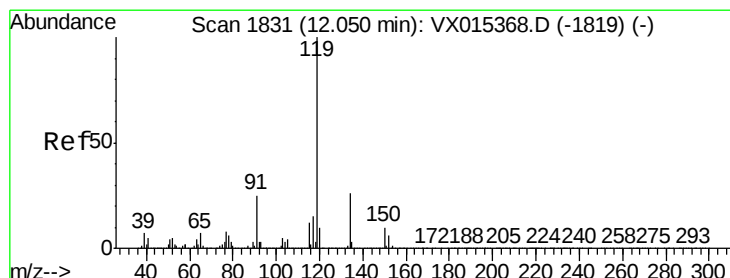
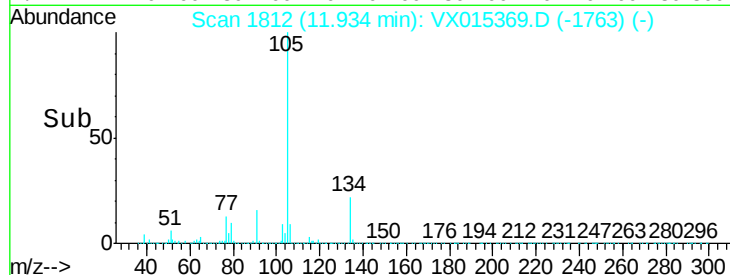
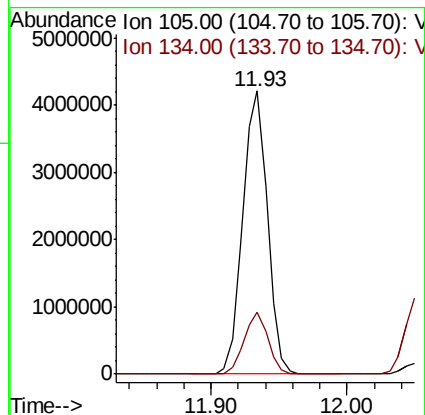
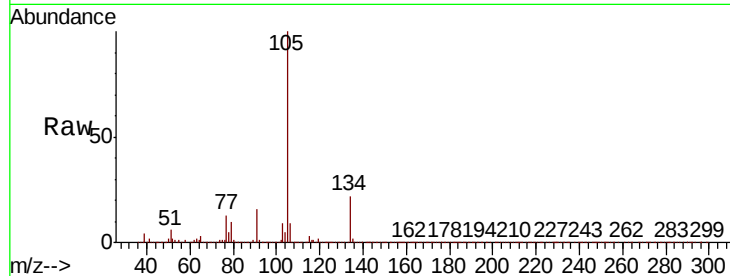
134 21.1 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 100.876 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

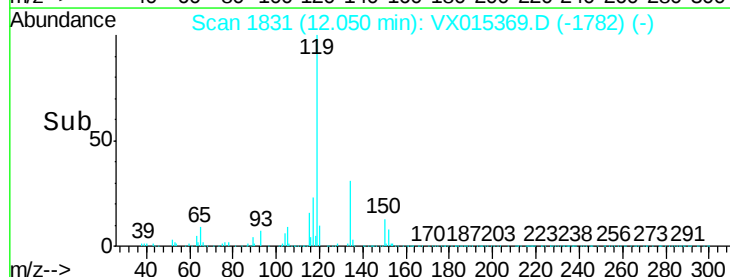
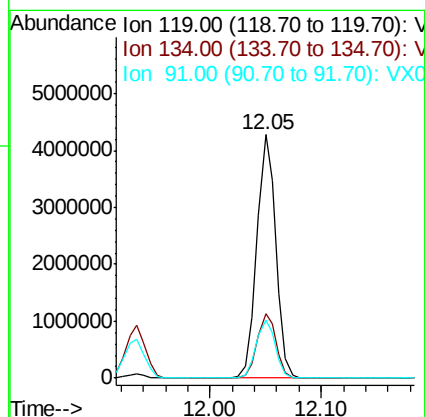
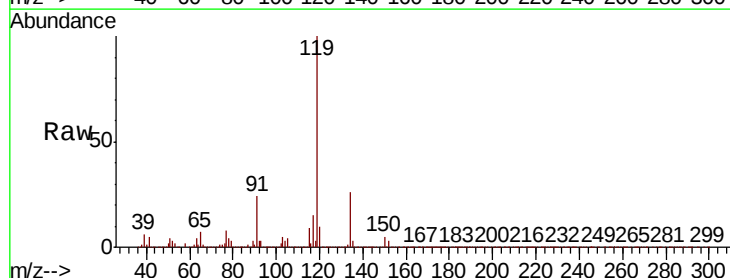
Tgt Ion:119 Resp: 5065440

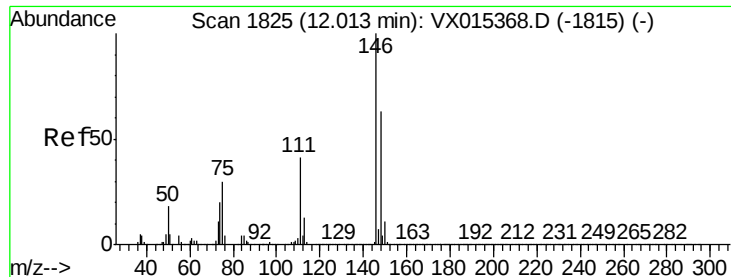
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 98.382 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

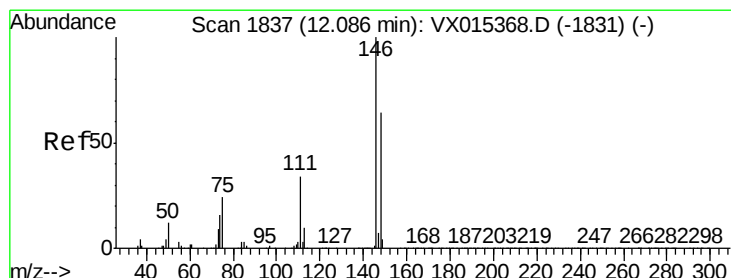
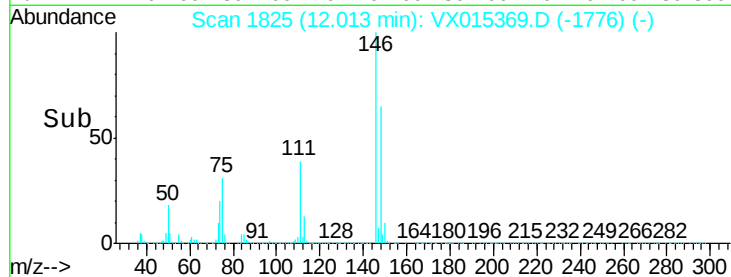
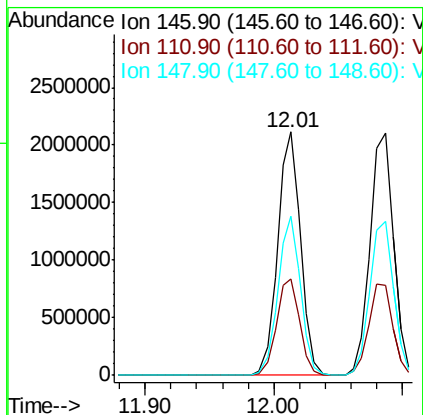
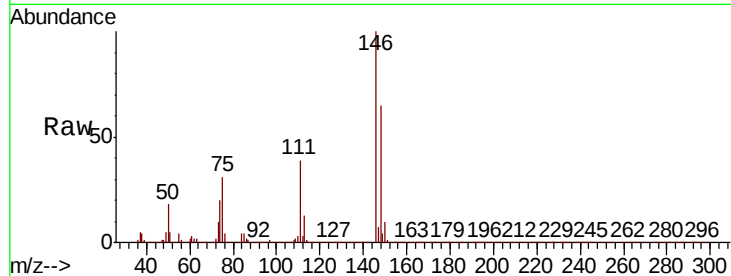
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	2631666
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	64.2	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 93.722 ug/l

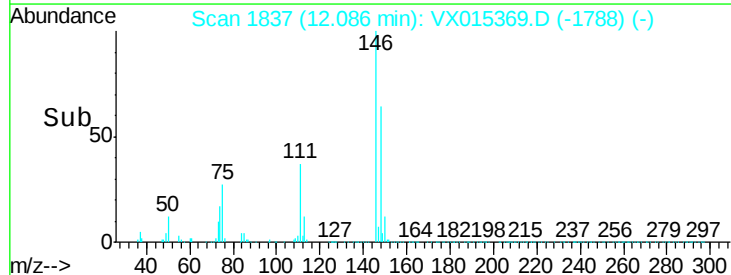
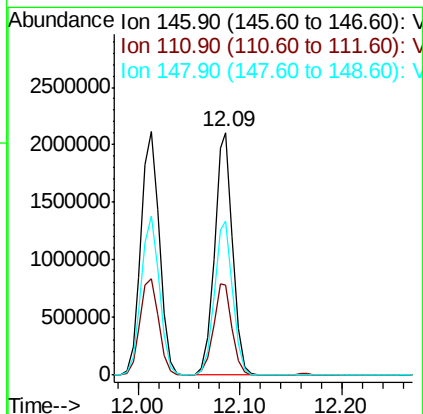
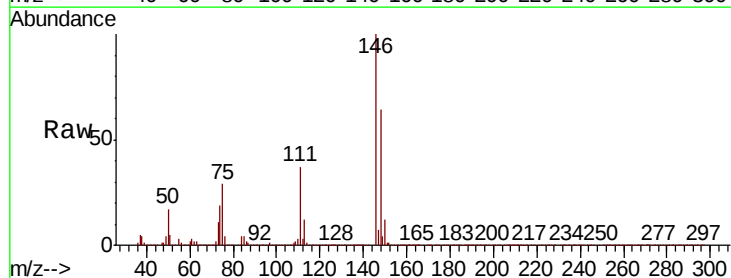
RT: 12.09 min Scan# 1837

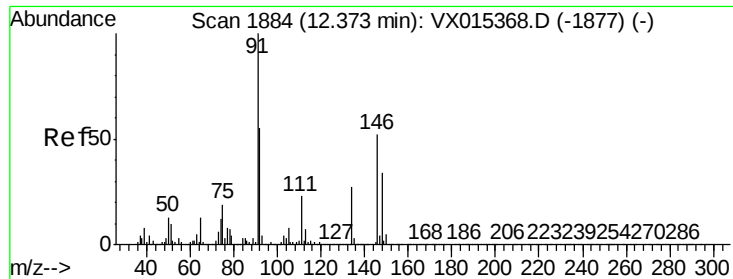
Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Tgt Ion:	146	Resp:	2627468
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.5	32.4	97.2





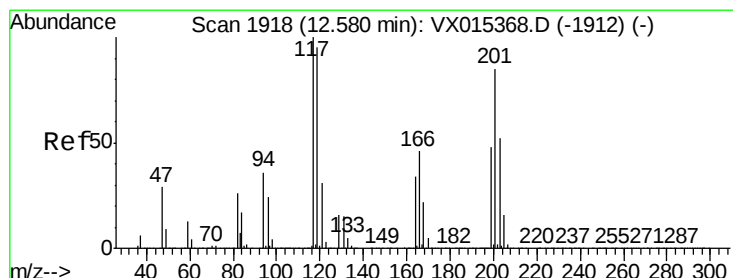
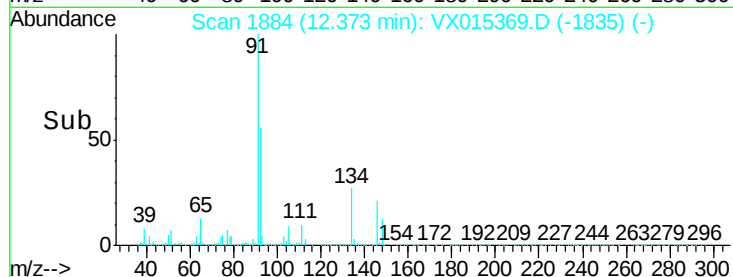
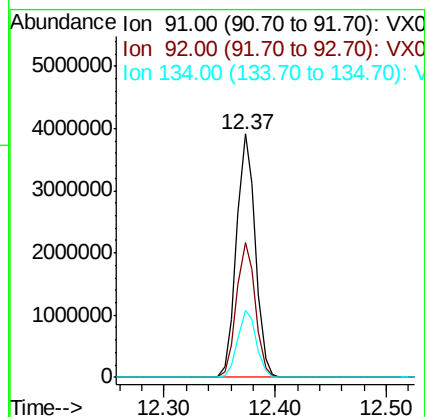
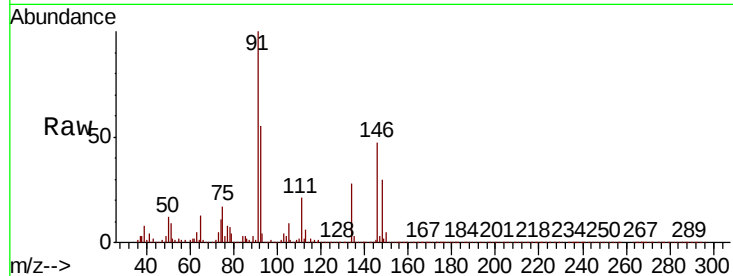
#89
n-Butylbenzene
Concen: 96.546 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 4560753
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.5
134 27.4 13.4 40.2

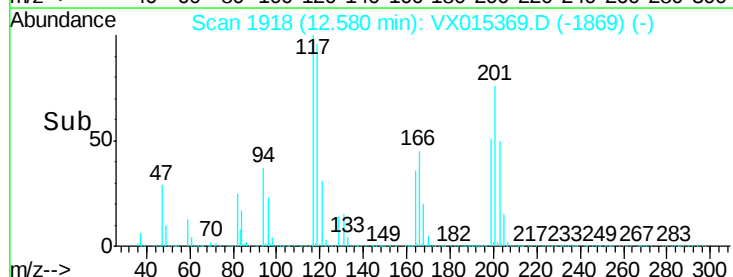
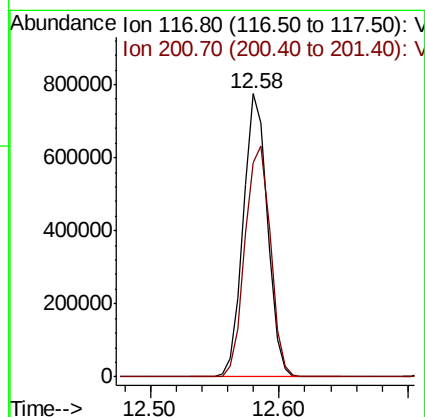
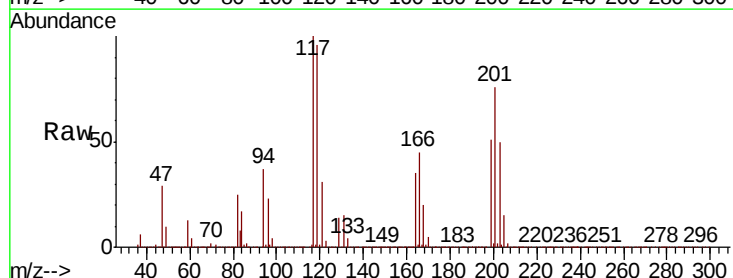
Manual Integrations
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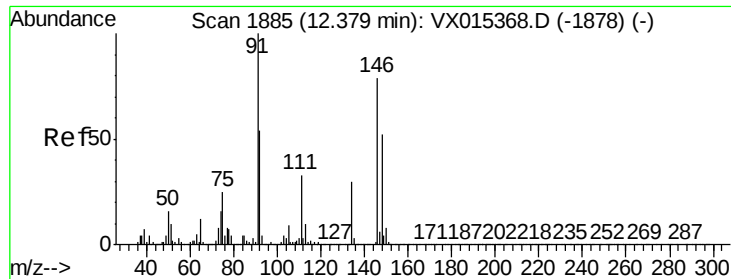
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#90
Hexachloroethane
Concen: 101.498 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015369.D
Acq: 26 Mar 2020 21:01

Tgt Ion: 117 Resp: 1000988
Ion Ratio Lower Upper
117 100
201 85.6 42.6 128.0





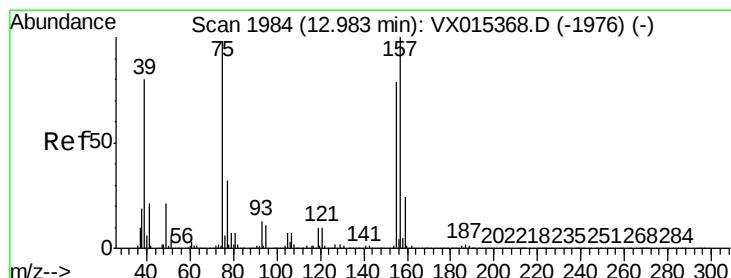
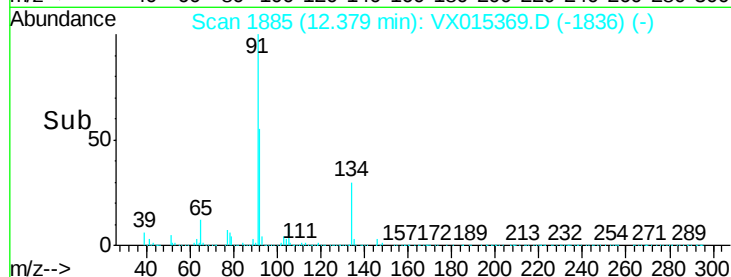
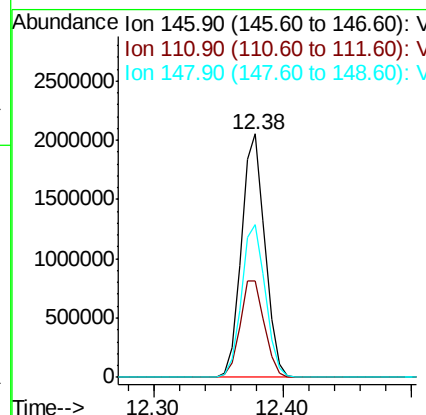
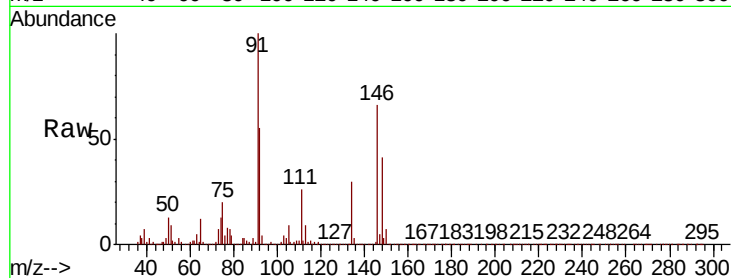
#91
 1,2-Dichlorobenzene
 Concen: 96.510 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.0	63.0
148	63.6	32.4	97.0

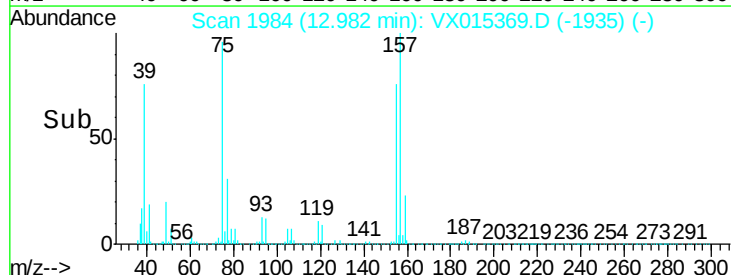
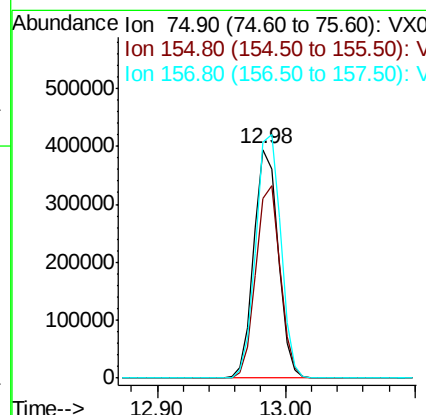
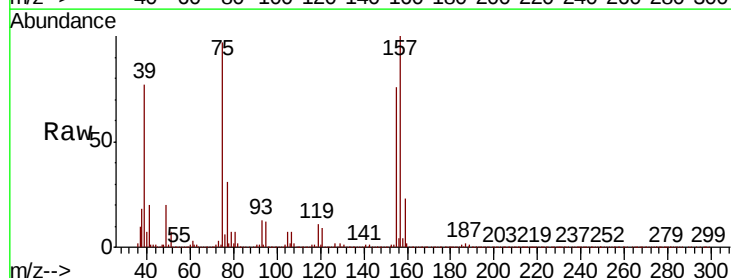
Manual Integrations
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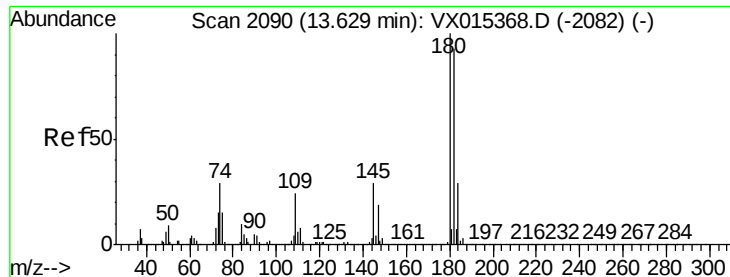
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 119.124 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	42.8	128.4
157	109.6	53.4	160.3





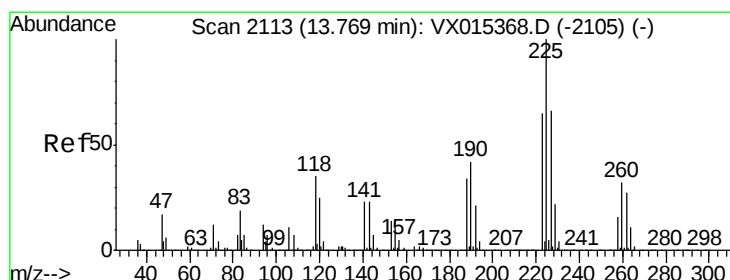
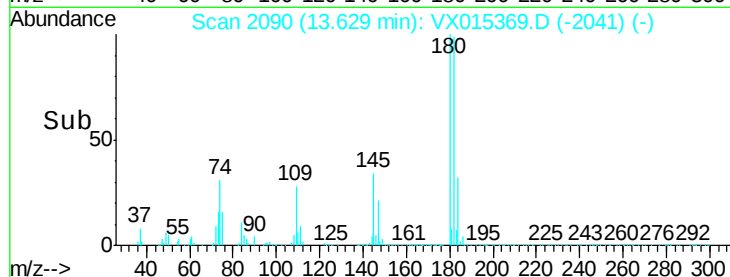
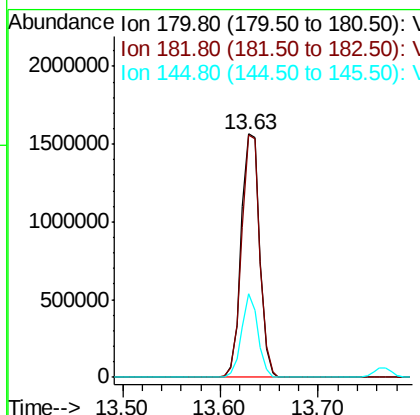
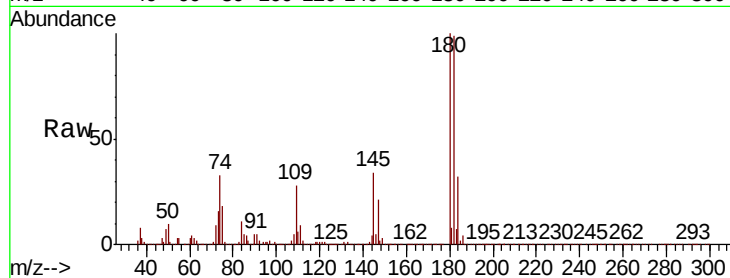
#93
 1,2,4-Trichlorobenzene
 Concen: 121.875 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.9	140.7
145	30.4	14.9	44.5

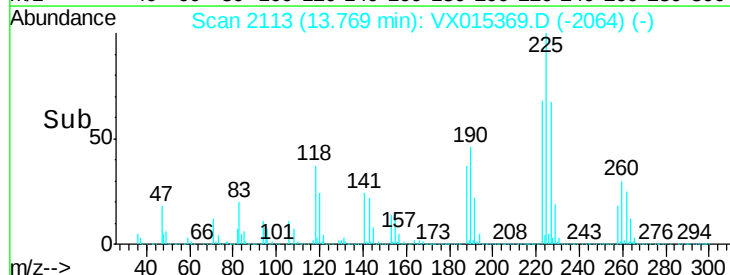
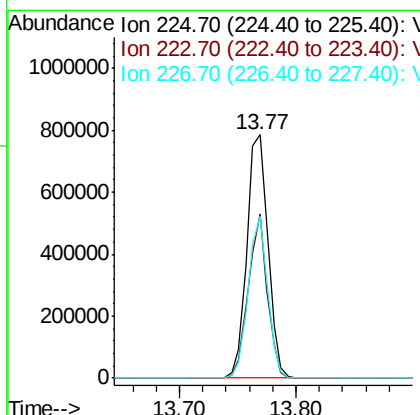
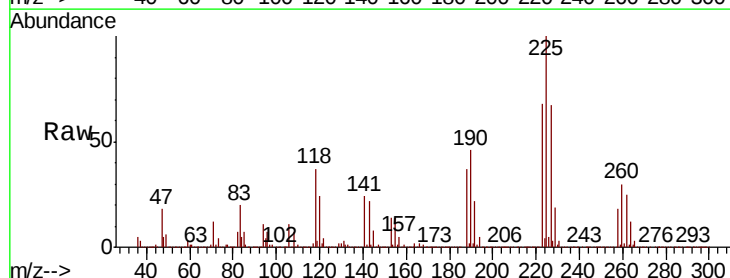
Manual Integrations
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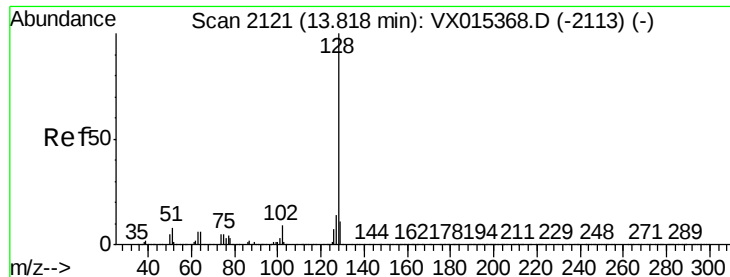
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#94
 Hexachlorobutadiene
 Concen: 141.906 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015369.D
 Acq: 26 Mar 2020 21:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	31.9	95.7
227	61.6	30.4	91.3





#95

Naphthalene

Concen: 114.039 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 6210059

Ion Ratio Lower Upper

128 100

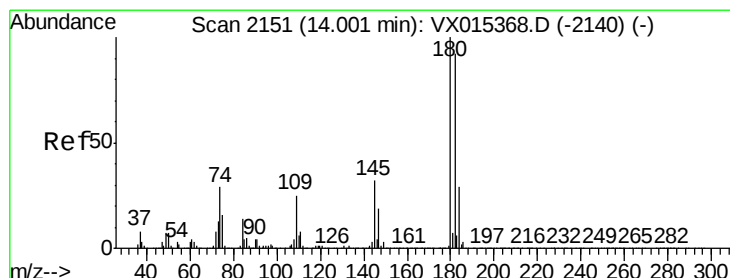
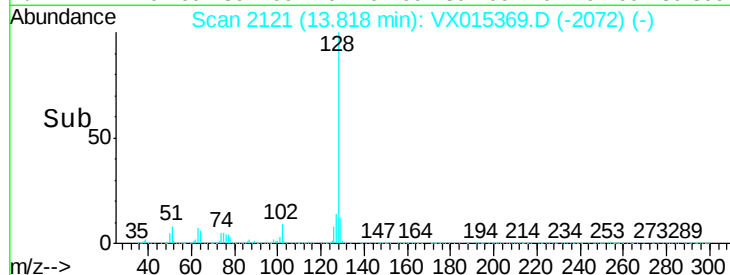
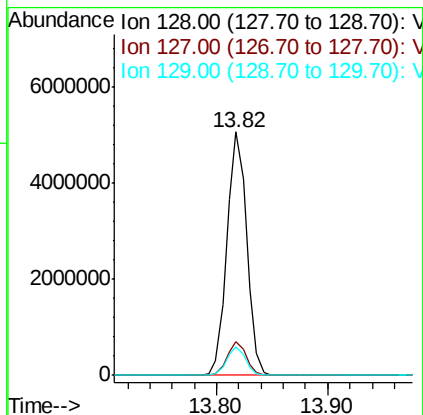
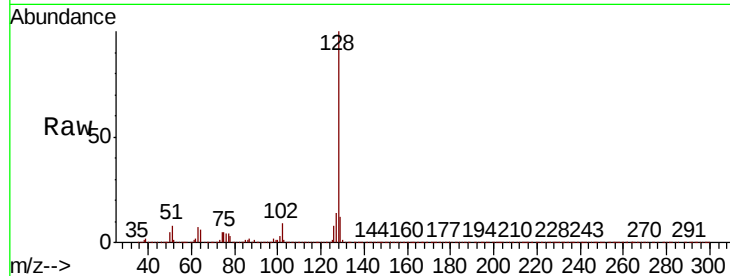
127 13.4 10.6 15.8

129 11.2 8.8 13.2

Manual Integrations
APPROVED

apatel

3/27/2020 5:16:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 124.744 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015369.D

Acq: 26 Mar 2020 21:01

Tgt Ion:180 Resp: 2053227

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.0

145 31.3 15.8 47.3

