

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013100.D
 Acq On : 17 Oct 2019 12:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:47 AM

Quant Time: Oct 18 08:41:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	1500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	167750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	149996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	68262	3641.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7282.02%	
35) Dibromofluoromethane	5.49	113	251	0.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.52%	
50) Toluene-d8	8.71	98	207222	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
62) 4-Bromofluorobenzene	11.13	95	76623	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36312	2374.915	ug/l	99
3) Chloromethane	1.32	50	35033	2105.344	ug/l	98
4) Vinyl Chloride	1.40	62	33705	1962.438	ug/l	98
5) Bromomethane	1.63	94	20962	2936.063	ug/l	97
6) Chloroethane	1.72	64	22174	2098.427	ug/l	92
7) Trichlorofluoromethane	1.92	101	52648	2271.132	ug/l	98
8) Diethyl Ether	2.18	74	19591	2093.746	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33443	2229.109	ug/l	98
10) Methyl Iodide	2.50	142	33057	1752.333	ug/l	99
11) Tert butyl alcohol	3.03	59	47687	9595.072	ug/l	98
12) 1,1-Dichloroethene	2.36	96	31529	2079.992	ug/l	96
13) Acrolein	2.28	56	30682	8687.043	ug/l	98
14) Allyl chloride	2.72	41	54764	2028.696	ug/l	99
15) Acrylonitrile	3.13	53	98562	10464.820	ug/l	99
16) Acetone	2.43	43	93670	9478.750	ug/l	98
17) Carbon Disulfide	2.56	76	84266	1949.597	ug/l	100
18) Methyl Acetate	2.76	43	48371	2065.084	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	113809	2174.131	ug/l	99
20) Methylene Chloride	2.84	84	37123	2044.063	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	34573	2127.976	ug/l	95
22) Diisopropyl ether	3.84	45	108745	2102.284	ug/l	96
23) Vinyl Acetate	3.80	43	465425	10422.810	ug/l	99
24) 1,1-Dichloroethane	3.69	63	61326	2107.403	ug/l	99
25) 2-Butanone	4.65	43	137458	10026.067	ug/l	96
26) 2,2-Dichloropropane	4.57	77	50534	2065.077	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	39940	2132.696	ug/l	96
28) Bromochloromethane	5.00	49	46303	5371.816	ug/l	93
29) Tetrahydrofuran	5.11	42	84390	10002.721	ug/l	96
30) Chloroform	5.20	83	63927	2140.935	ug/l	100
31) Cyclohexane	5.56	56	55649	2045.099	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	55704	2201.738	ug/l	99
36) 1,1-Dichloropropene	5.78	75	46132	31.279	ug/l	99
37) Ethyl Acetate	4.81	43	50949	30.893	ug/l	98
38) Carbon Tetrachloride	5.77	117	46529	32.412	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58120	32.494	ug/l	95
40) Benzene	6.13	78	141532	32.491	ug/l	98
41) Methacrylonitrile	5.02	41	28297	31.226	ug/l	98
42) 1,2-Dichloroethane	6.18	62	51673	33.059	ug/l	99
43) Isopropyl Acetate	6.43	43	84489	31.919	ug/l	100
44) Trichloroethene	7.20	130	38872	32.180	ug/l	94
45) 1,2-Dichloropropane	7.50	63	36167	32.577	ug/l	97
46) Dibromomethane	7.65	93	25418	34.363	ug/l	98
47) Bromodichloromethane	7.89	83	45819	31.741	ug/l	98
48) Methyl methacrylate	7.76	41	40162	31.136	ug/l	98
49) 1,4-Dioxane	7.73	88	20251	599.587	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	258339	156.537	ug/l	98
52) Toluene	8.78	92	91669	32.894	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	51162	29.337	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	57211	32.224	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	37780	34.256	ug/l	96
56) Ethyl methacrylate	9.17	69	57744	30.000	ug/l	98
57) 1,3-Dichloropropane	9.37	76	63402	33.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	128602	158.732	ug/l	99
59) 2-Hexanone	9.48	43	196995	153.341	ug/l	99
60) Dibromochloromethane	9.57	129	37284	31.108	ug/l	98
61) 1,2-Dibromoethane	9.67	107	38759	33.408	ug/l	100
64) Tetrachloroethene	9.33	164	37118	35.678	ug/l	96
65) Chlorobenzene	10.14	112	96524	32.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35515	34.388	ug/l	100
67) Ethyl Benzene	10.25	91	170751	32.272	ug/l	96
68) m/p-Xylenes	10.36	106	132404	66.985	ug/l	98
69) o-Xylene	10.70	106	63055	32.712	ug/l	99
70) Styrene	10.71	104	107296	32.743	ug/l	99
71) Bromoform	10.85	173	24892	29.652	ug/l #	99
73) Isopropylbenzene	11.01	105	171787	3396.132	ug/l	100
74) N-amyl acetate	10.89	43	68445	3141.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	55217	3282.045	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54988m	3603.462	ug/l	
77) Bromobenzene	11.25	156	40157	3368.941	ug/l	100
78) n-propylbenzene	11.35	91	186960	3358.955	ug/l	99
79) 2-Chlorotoluene	11.42	91	108404	3098.979	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	137579	3257.311	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16191	2509.616	ug/l	97
82) 4-Chlorotoluene	11.51	91	130345	3250.937	ug/l	100
83) tert-Butylbenzene	11.76	119	134886	3273.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	142528	3331.919	ug/l	98
85) sec-Butylbenzene	11.94	105	158554	3321.614	ug/l	99
86) p-Isopropyltoluene	12.06	119	144011	3252.965	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	73727	3330.773	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	71646	3195.953	ug/l	99
89) n-Butylbenzene	12.39	91	118251	3178.150	ug/l	100
90) Hexachloroethane	12.59	117	23486	2745.112	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	69649	3209.584	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12257	3108.343	ug/l	97

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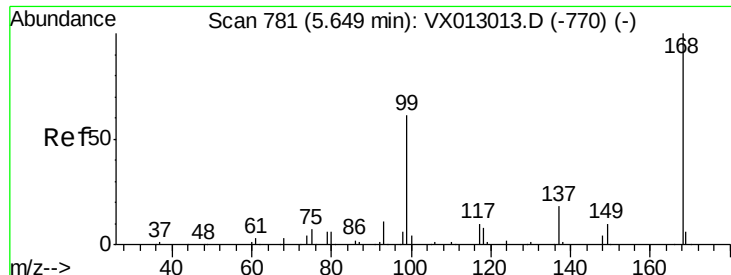
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43860	3226.518	ug/l	99
94) Hexachlorobutadiene	13.78	225	20175	3215.910	ug/l	98
95) Naphthalene	13.83	128	148367	3148.543	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	44671	3179.988	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:168 Resp: 1500

Ion Ratio Lower Upper

168 100

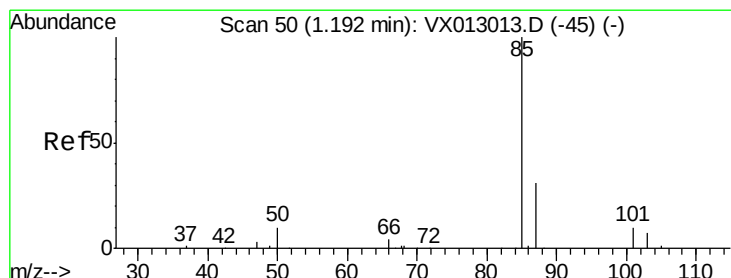
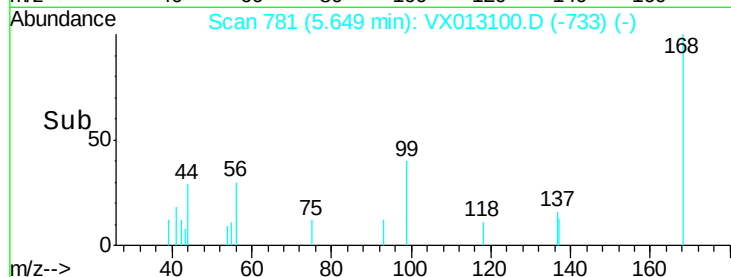
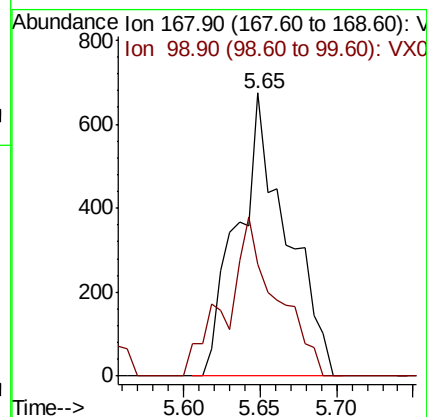
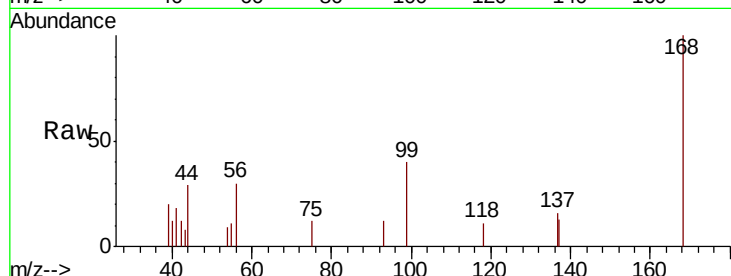
99 39.8 49.4 74.0#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 2374.915 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013100.D

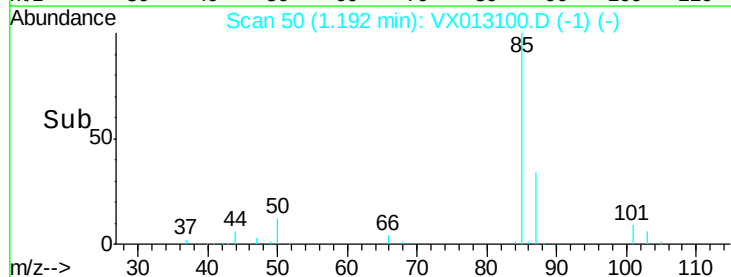
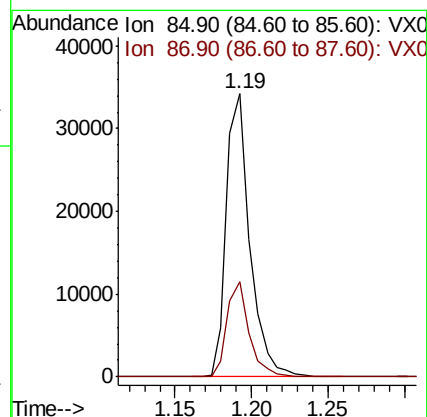
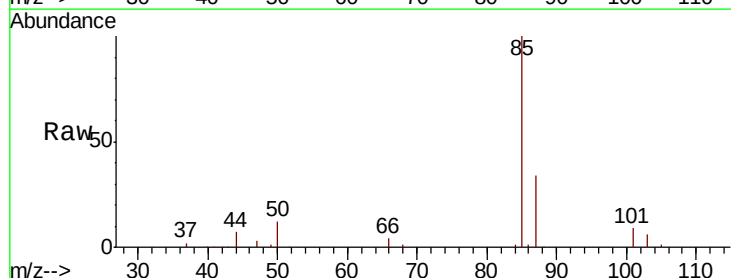
Acq: 17 Oct 2019 12:08

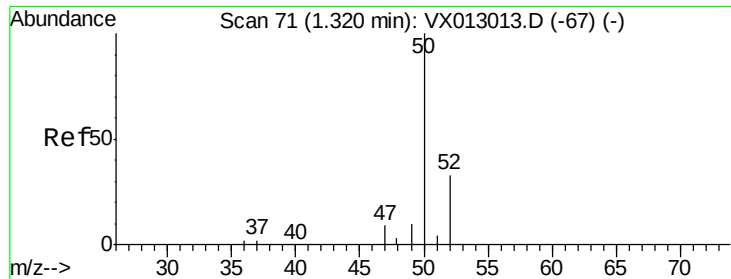
Tgt Ion: 85 Resp: 36312

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4





#3

Chloromethane

Concen: 2105.344 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 35033

Ion Ratio Lower Upper

50 100

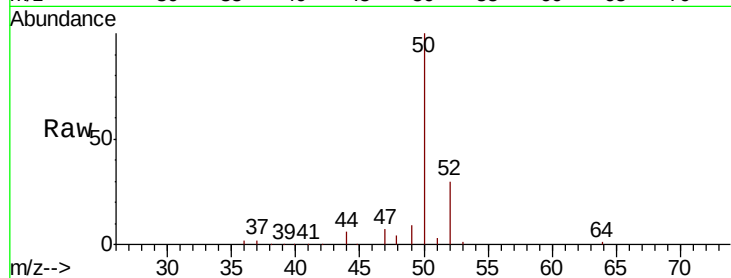
52 30.3 25.2 37.8

Manual Integrations

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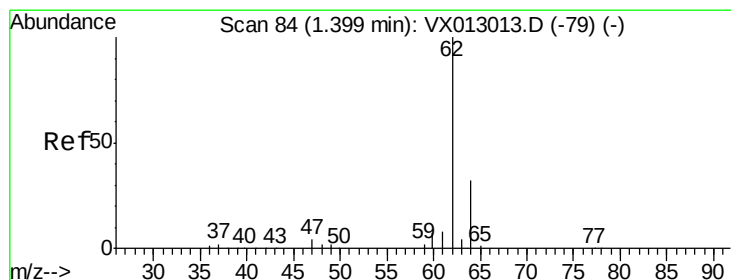
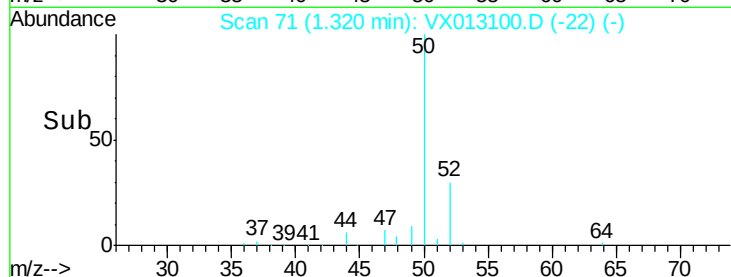
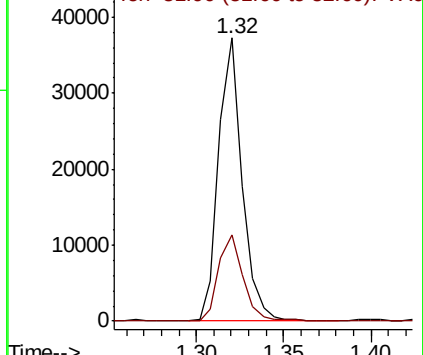
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1962.438 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013100.D

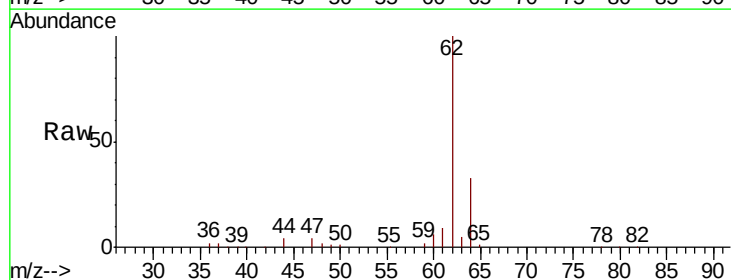
Acq: 17 Oct 2019 12:08

Tgt Ion: 62 Resp: 33705

Ion Ratio Lower Upper

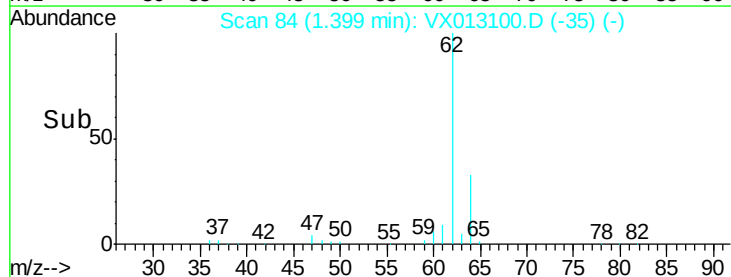
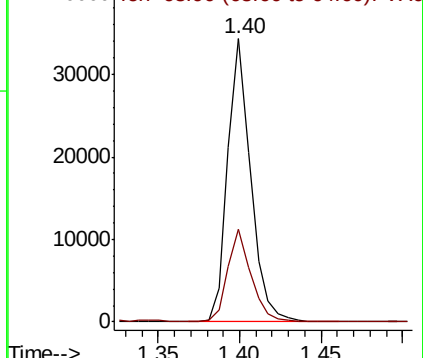
62 100

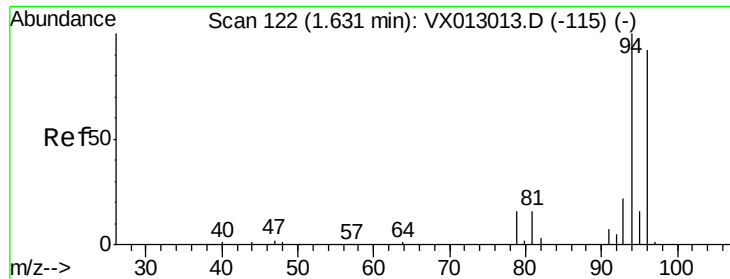
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2936.063 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 20962

Ion Ratio Lower Upper

94 100

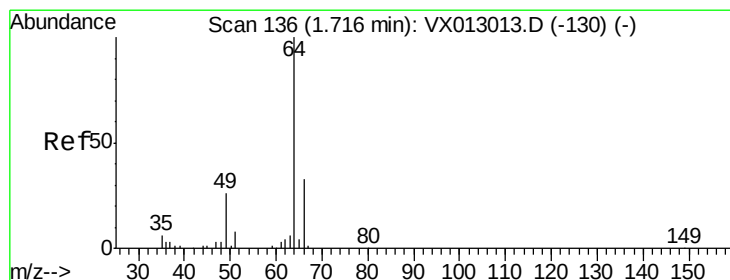
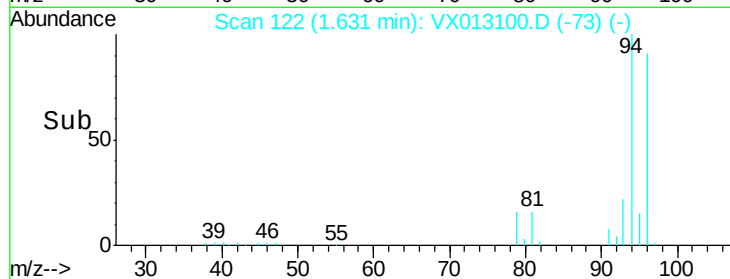
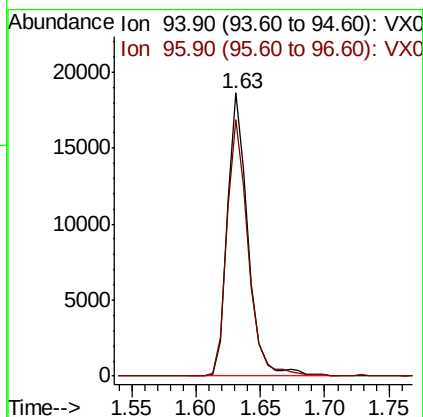
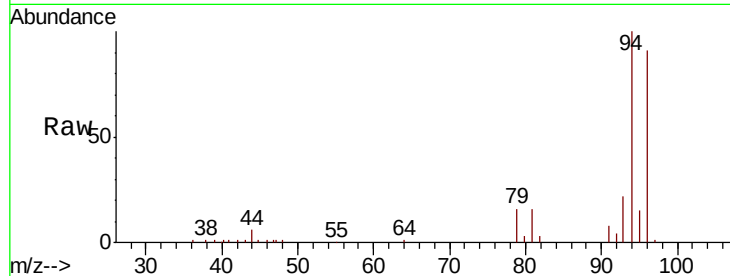
96 90.8 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 2098.427 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013100.D

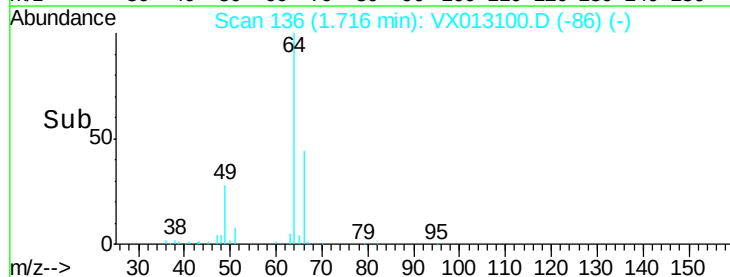
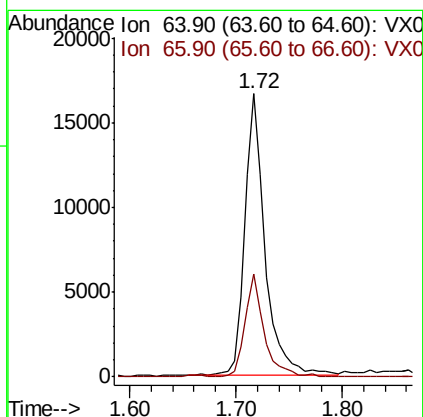
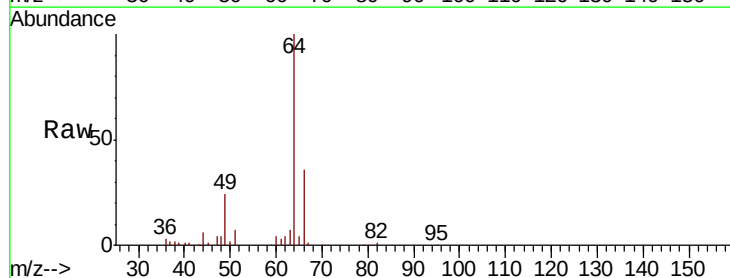
Acq: 17 Oct 2019 12:08

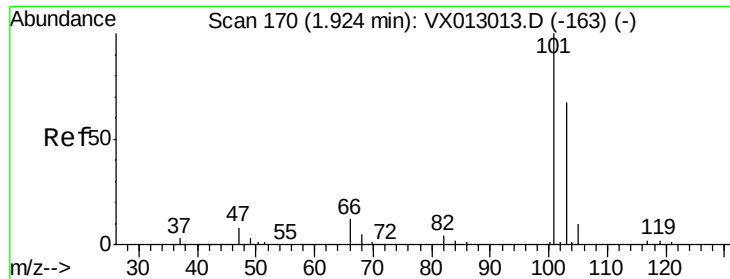
Tgt Ion: 64 Resp: 22174

Ion Ratio Lower Upper

64 100

66 36.5 25.6 38.4





#7

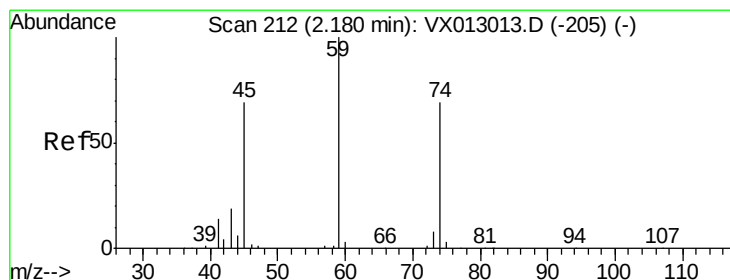
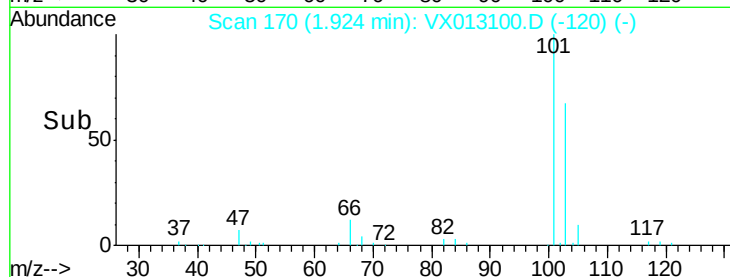
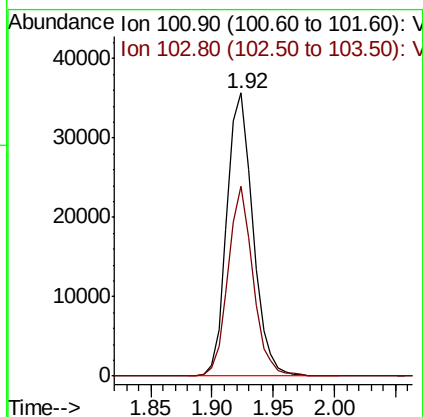
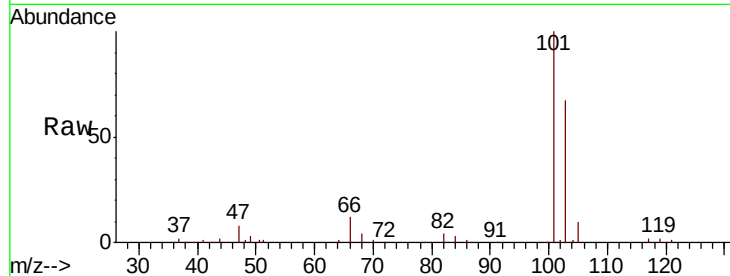
Trichlorofluoromethane
Concen: 2271.132 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.5	78.7

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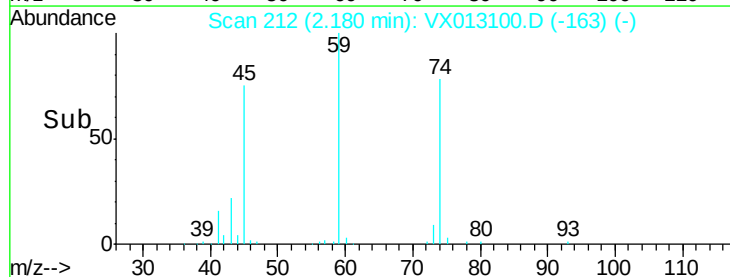
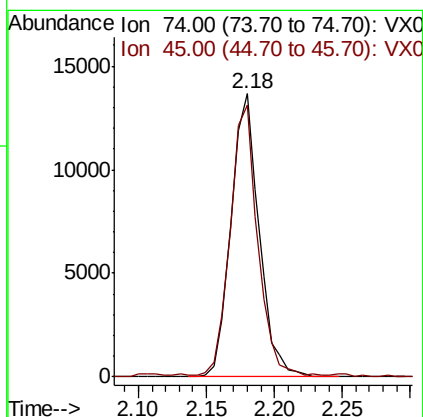
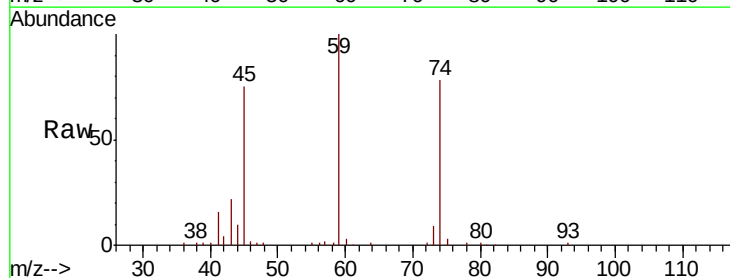
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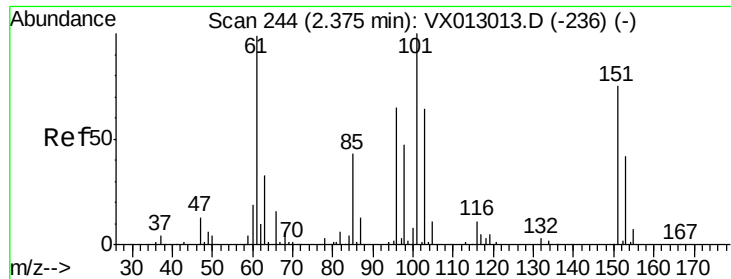


#8

Diethyl Ether
Concen: 2093.746 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2229.109 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

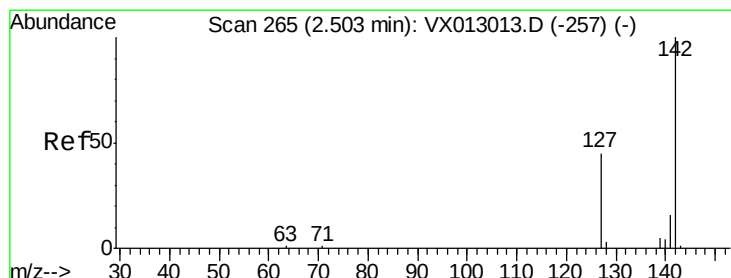
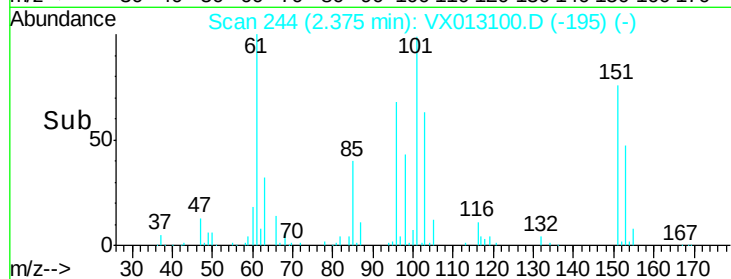
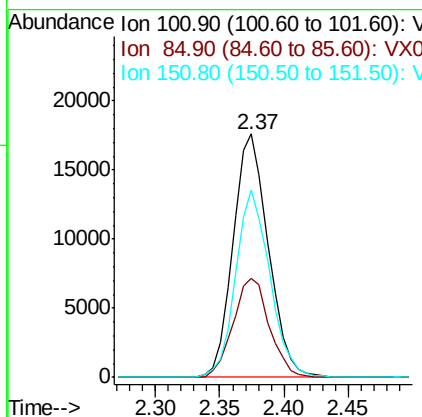
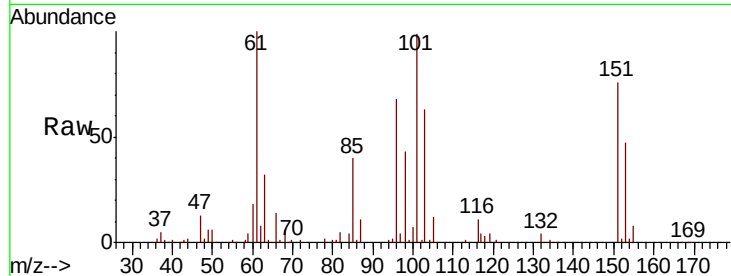
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	33443
Ion Ratio	Lower	Upper	
101	100		
85	41.7	35.2	52.8
151	74.9	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 1752.333 ug/l

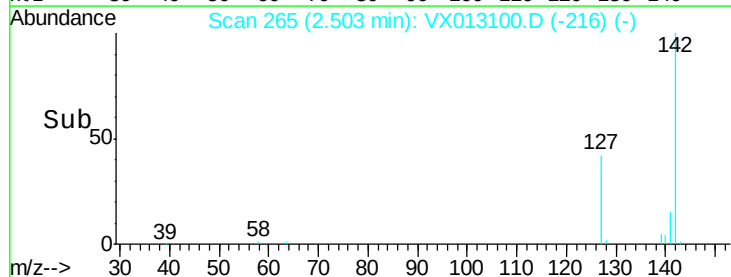
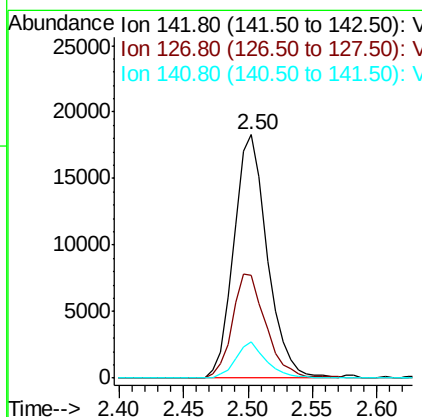
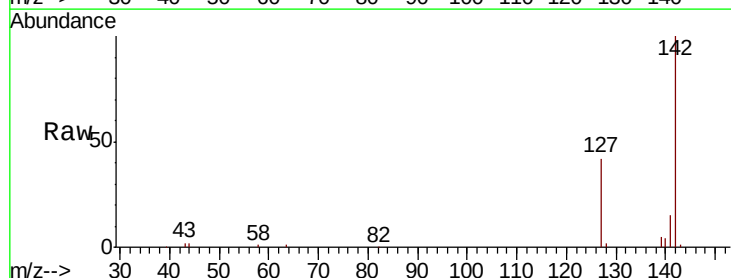
RT: 2.50 min Scan# 265

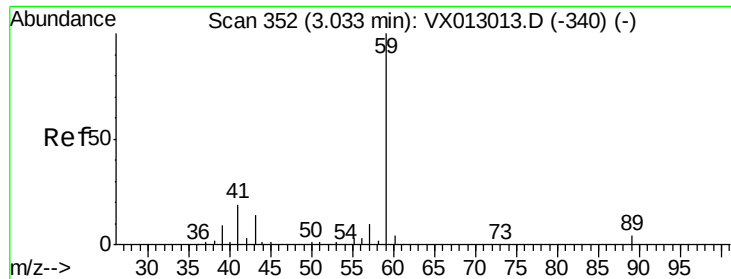
Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	142	Resp:	33057
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.9	52.3
141	13.7	11.6	17.4





#11

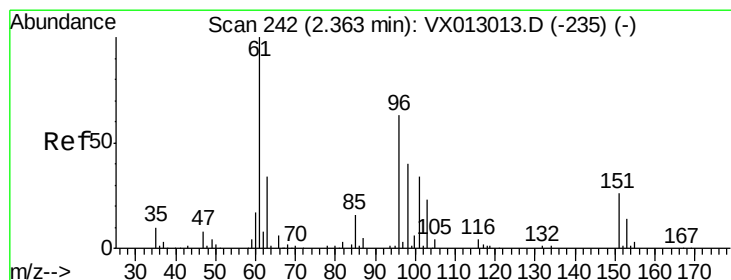
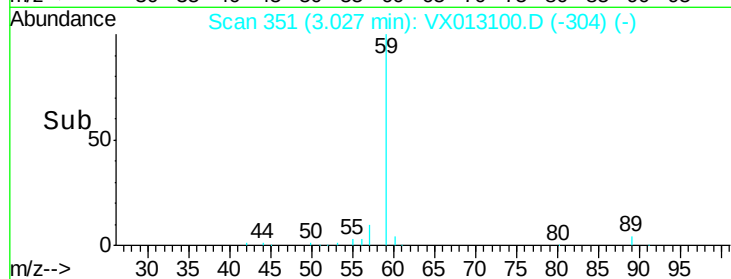
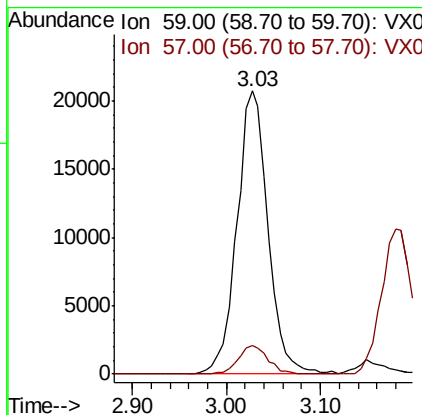
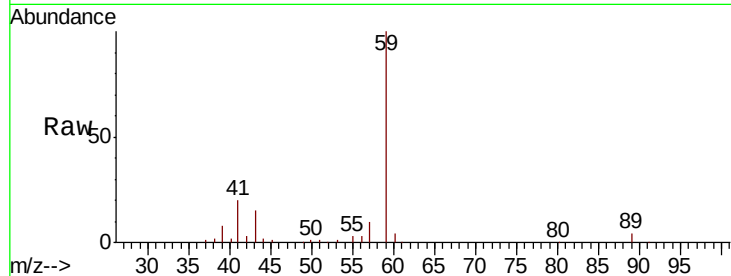
Tert butyl alcohol
 Concen: 9595.072 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

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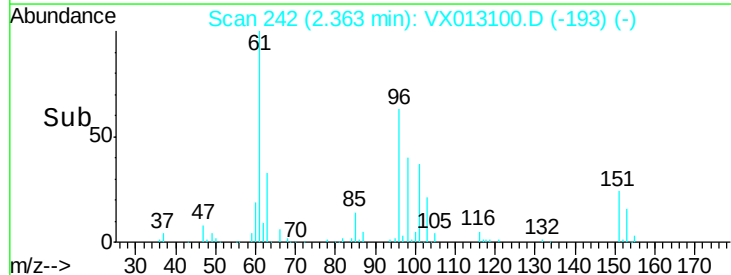
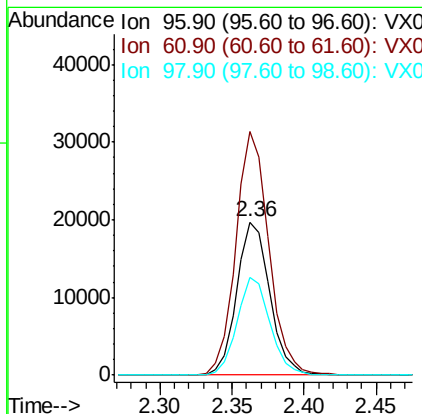
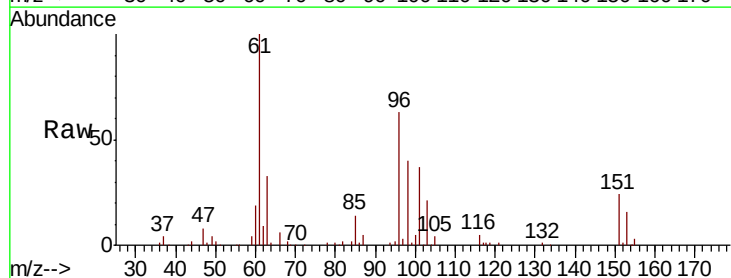
MMDadoda
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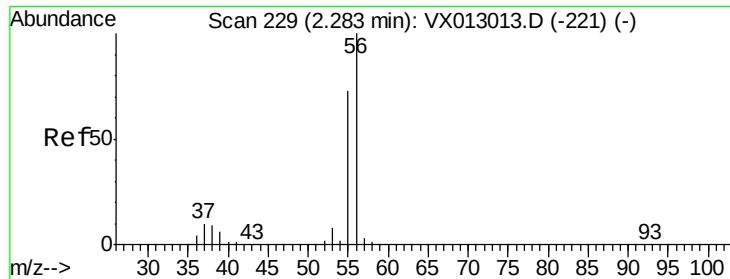


#12

1,1-Dichloroethene
 Concen: 2079.992 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.1	132.2	198.4
98	63.8	50.5	75.7





#13

Acrolein

Concen: 8687.043 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 30682

Ion Ratio Lower Upper

56 100

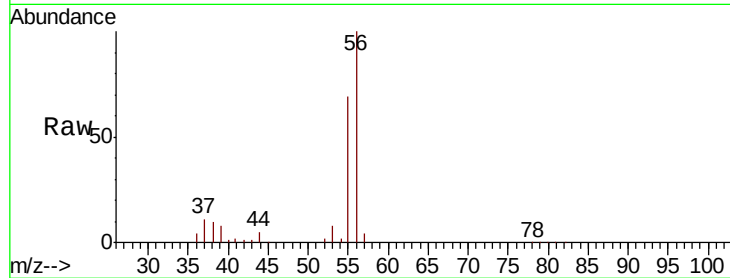
55 72.4 56.6 85.0

Manual Integrations

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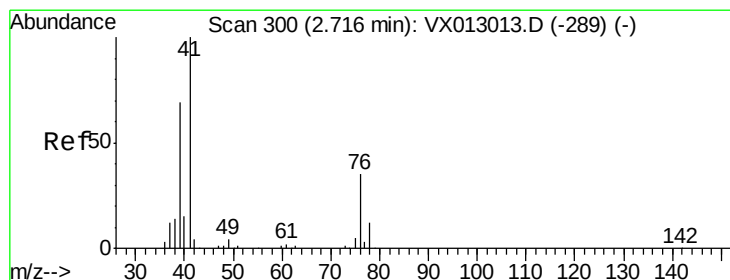
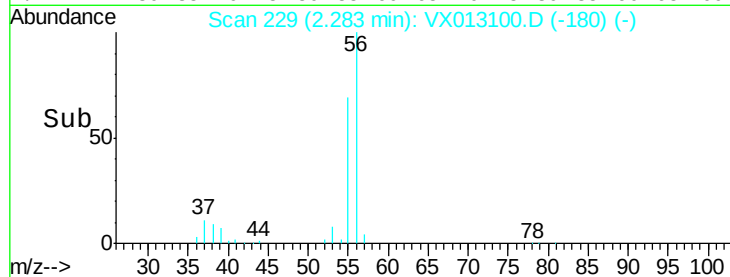
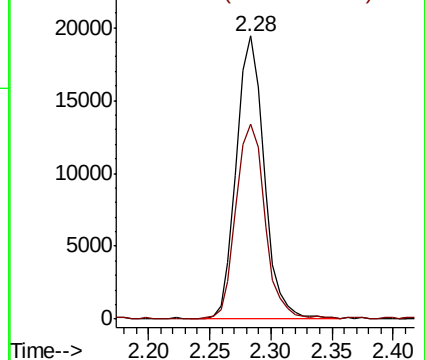
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2028.696 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

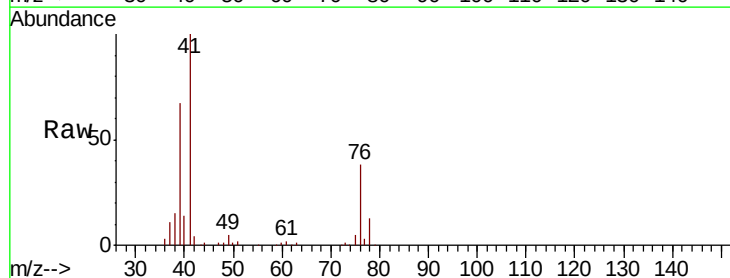
Tgt Ion: 41 Resp: 54764

Ion Ratio Lower Upper

41 100

39 62.4 51.0 76.6

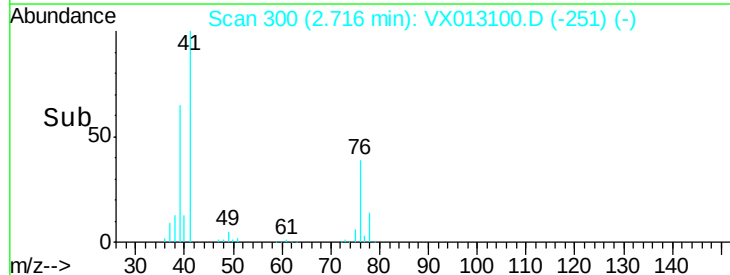
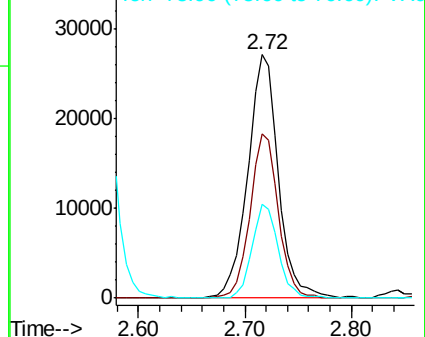
76 32.9 26.2 39.4

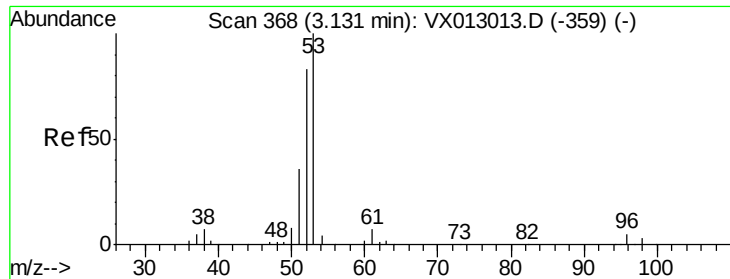


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 10464.820 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

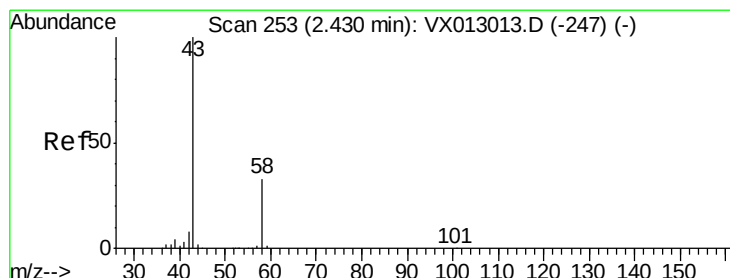
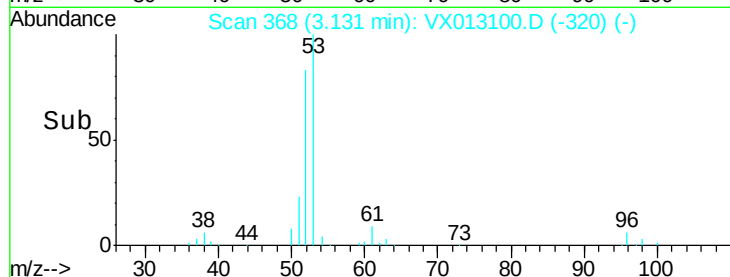
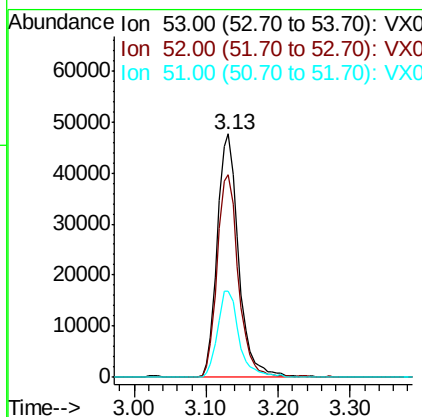
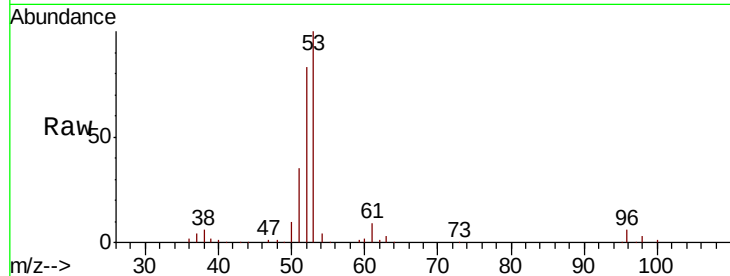
ClientSampleId :

VSTDCCC020

Tot Ion:	53	Resp:	98562
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	35.8	28.2	42.4

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#16

Acetone

Concen: 9478.750 ug/l

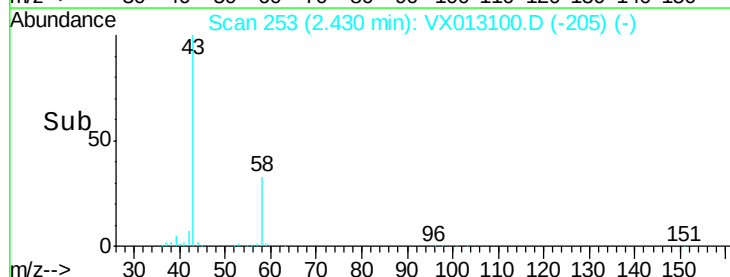
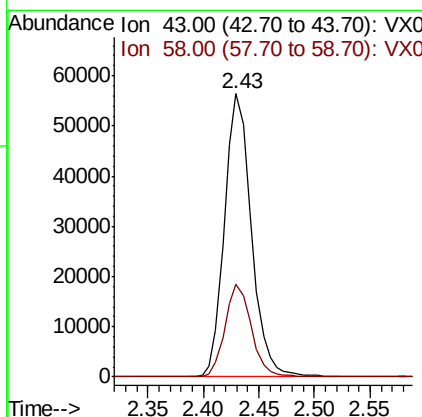
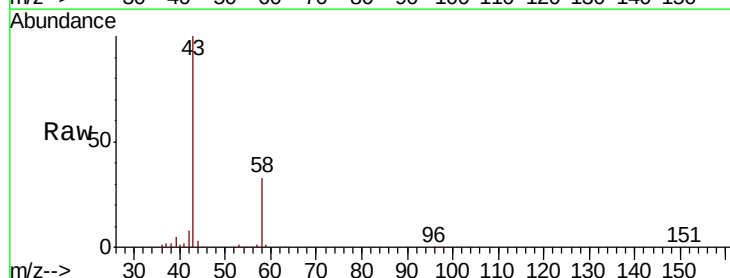
RT: 2.43 min Scan# 253

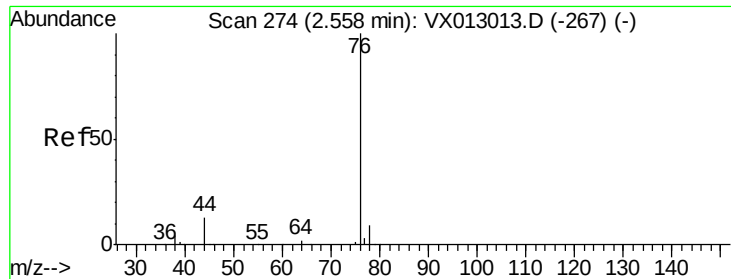
Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	43	Resp:	93670
Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.4	38.2





#17

Carbon Disulfide

Concen: 1949.597 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 76 Resp: 84266

Ion Ratio Lower Upper

76 100

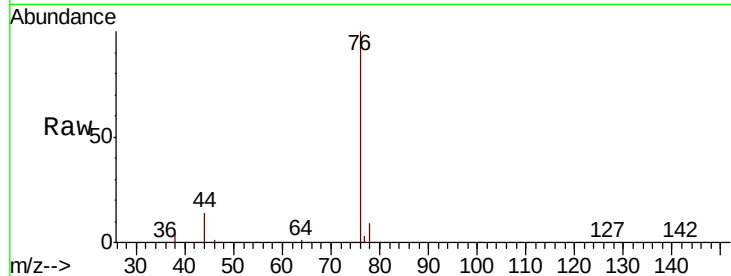
78 9.1 7.1 10.7

Manual Integrations

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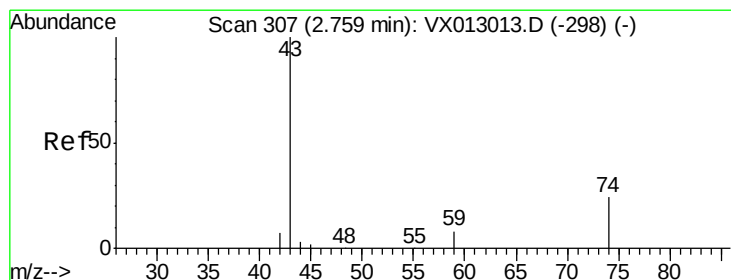
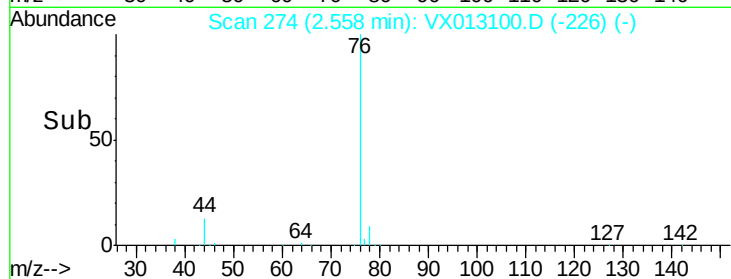
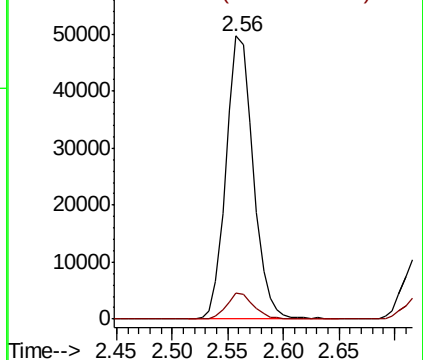
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2065.084 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013100.D

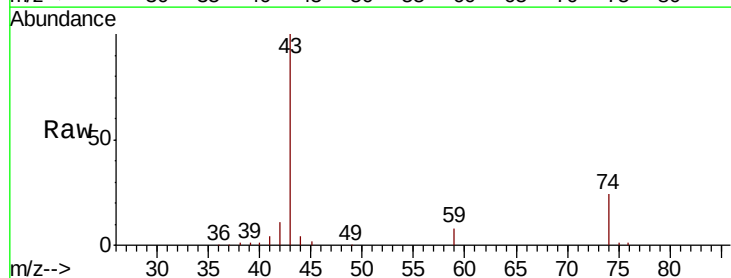
Acq: 17 Oct 2019 12:08

Tgt Ion: 43 Resp: 48371

Ion Ratio Lower Upper

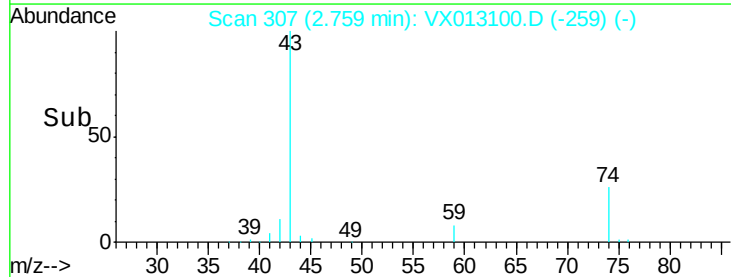
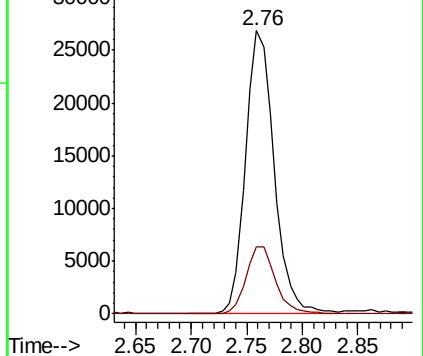
43 100

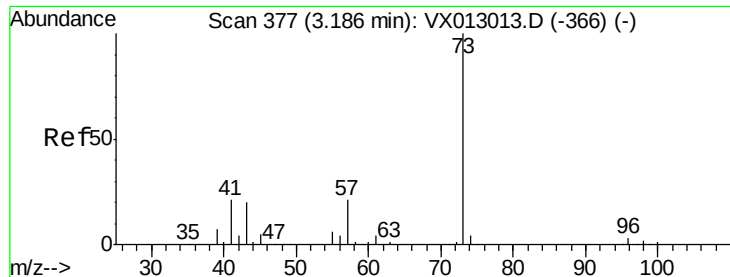
74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





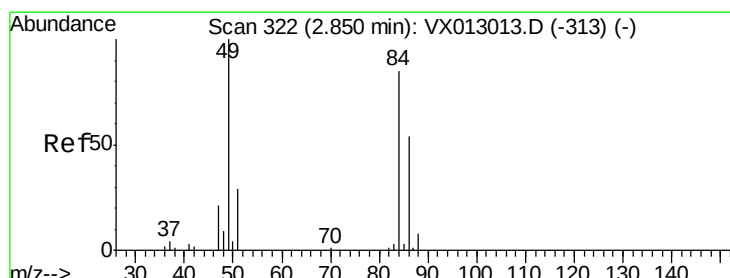
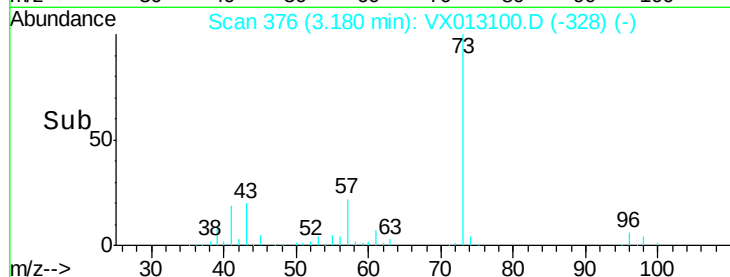
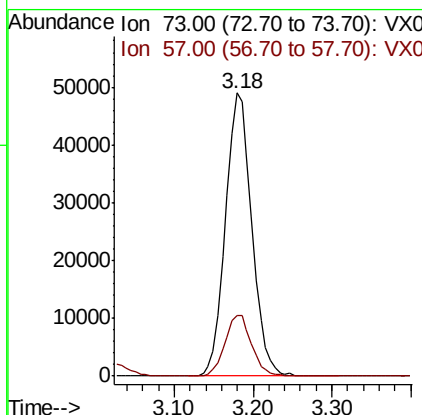
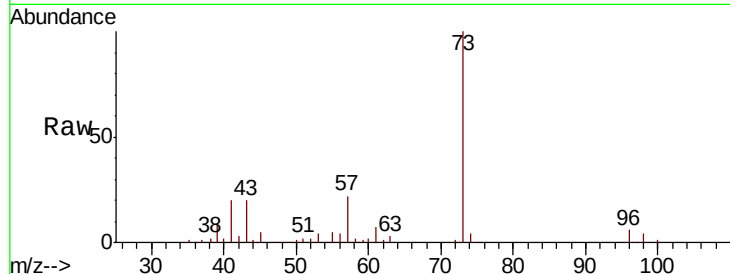
#19
Methyl tert-butyl Ether
Concen: 2174.131 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 73 Resp: 113809
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6

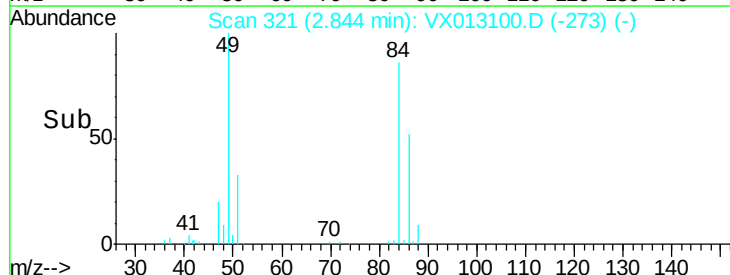
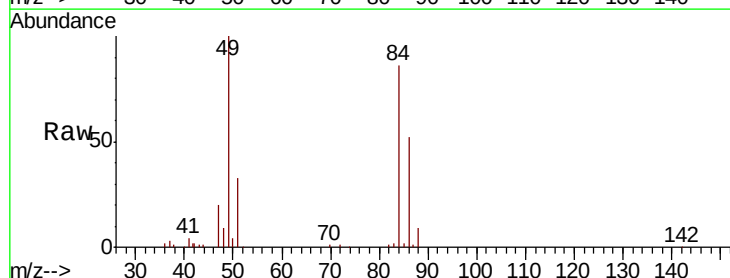
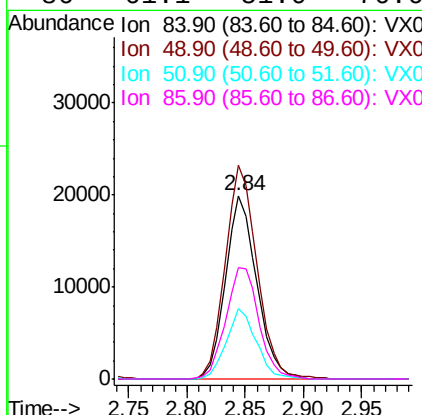
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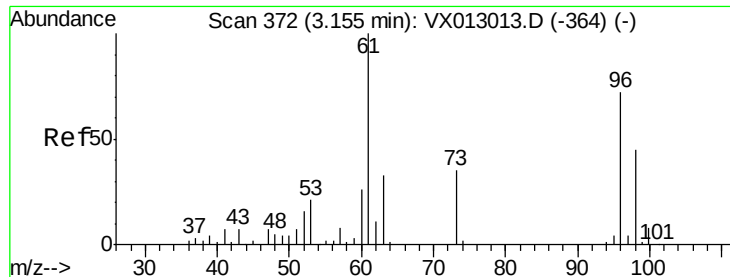
MMDadoda
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#20
Methylene Chloride
Concen: 2044.063 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion: 84 Resp: 37123
Ion Ratio Lower Upper
84 100
49 116.5 96.6 144.8
51 38.1 30.7 46.1
86 61.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 2127.976 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 96 Resp: 34573

Ion Ratio Lower Upper

96 100

61 129.1 110.4 165.6

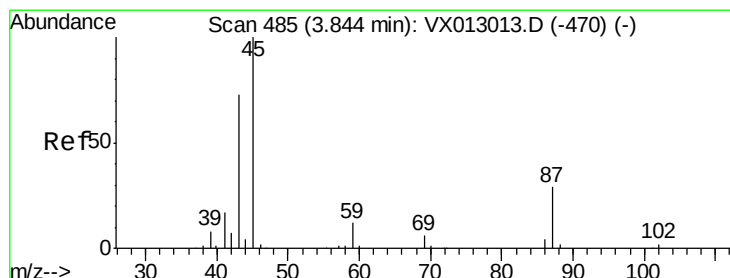
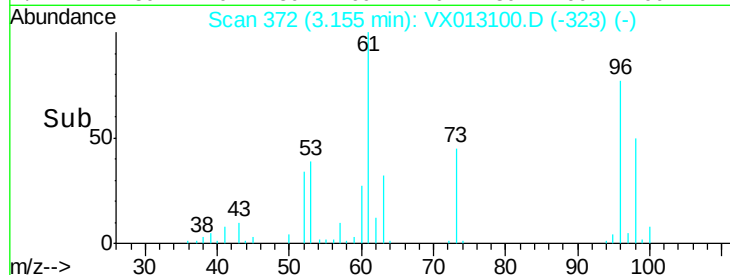
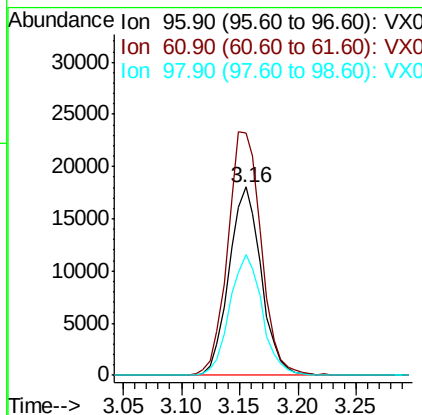
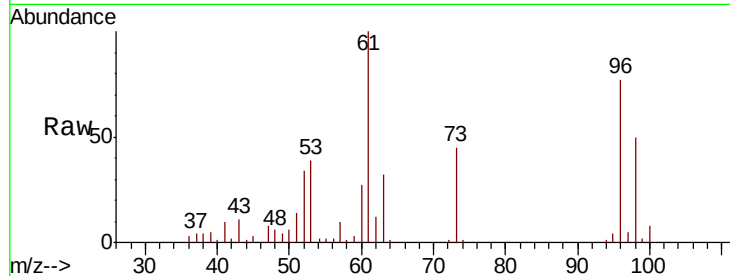
98 64.2 51.5 77.3

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#22

Diisopropyl ether

Concen: 2102.284 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion: 45 Resp: 108745

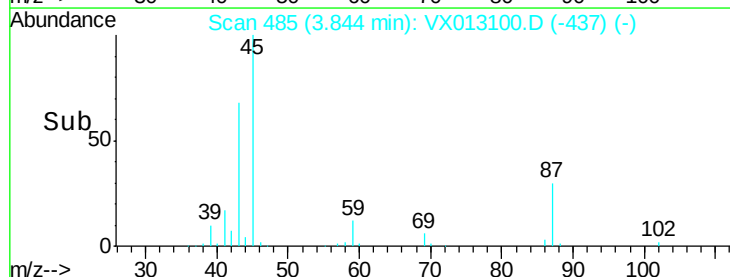
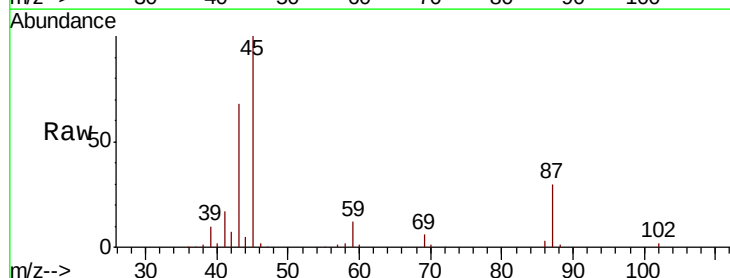
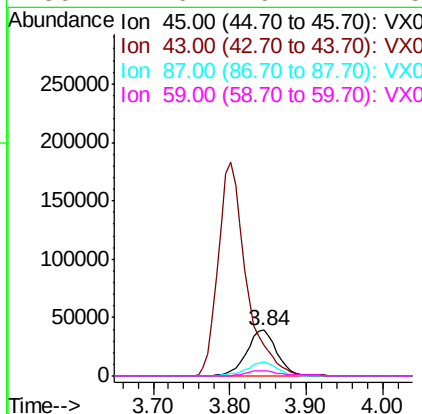
Ion Ratio Lower Upper

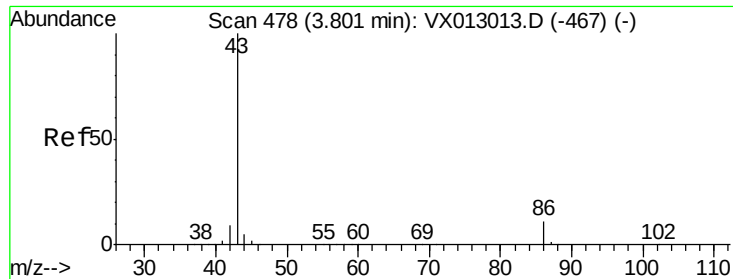
45 100

43 68.3 51.4 77.0

87 29.7 22.5 33.7

59 11.6 9.7 14.5





#23

Vinyl Acetate

Concen: 10422.810 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 465425

Ion Ratio Lower Upper

43 100

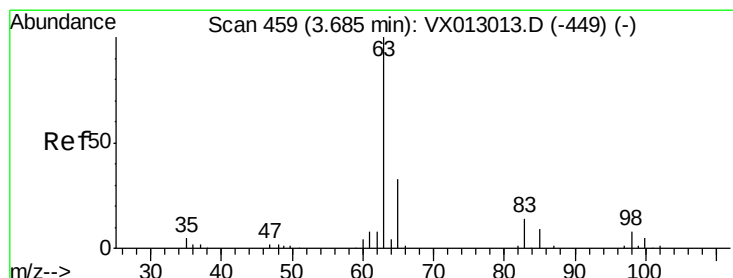
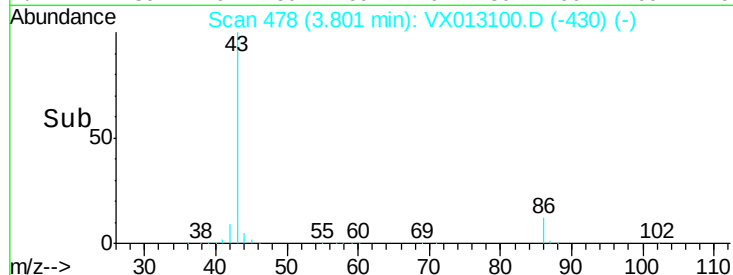
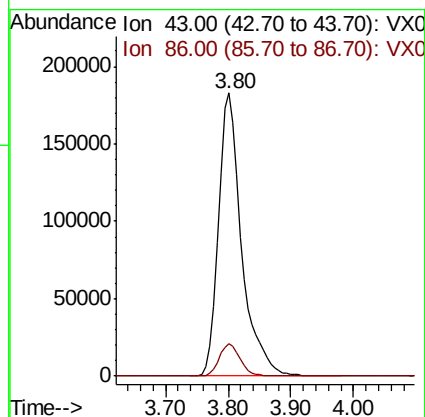
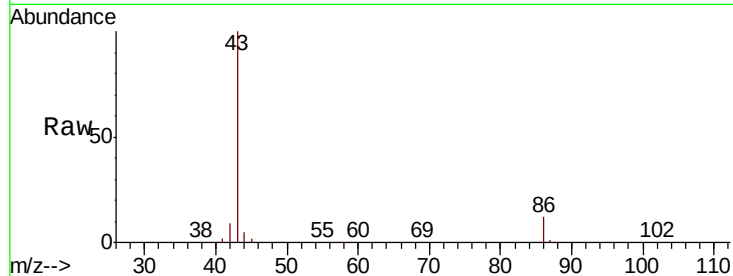
86 11.5 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 2107.403 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

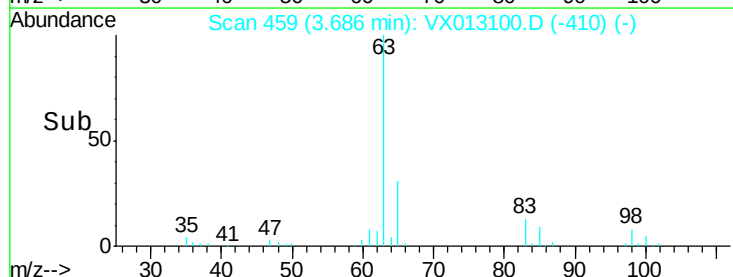
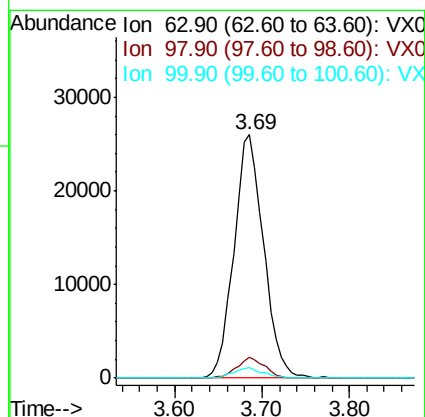
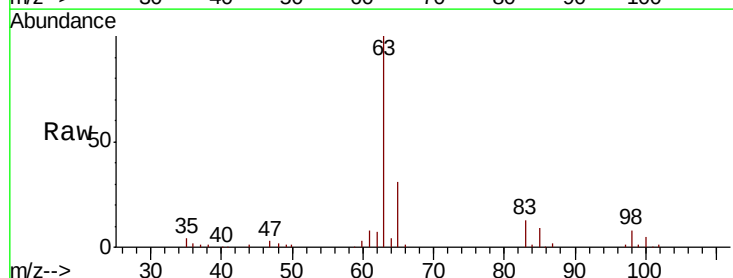
Tgt Ion: 63 Resp: 61326

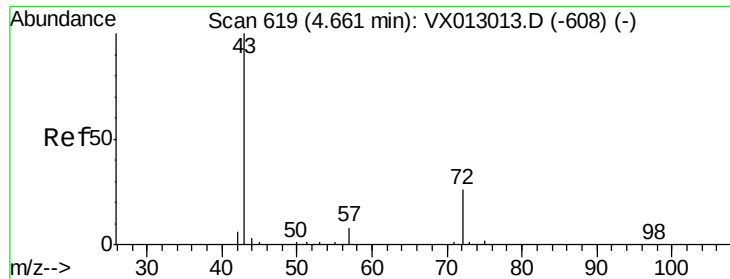
Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.5

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 10026.067 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 43 Resp: 137458

Ion Ratio Lower Upper

43 100

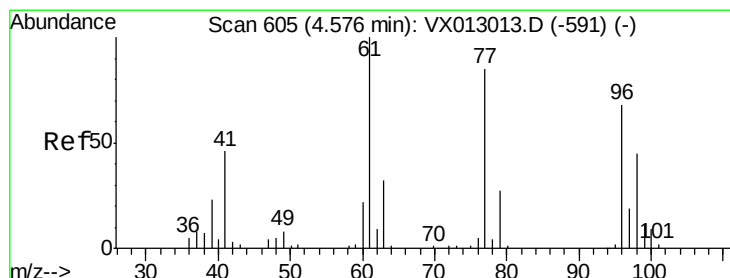
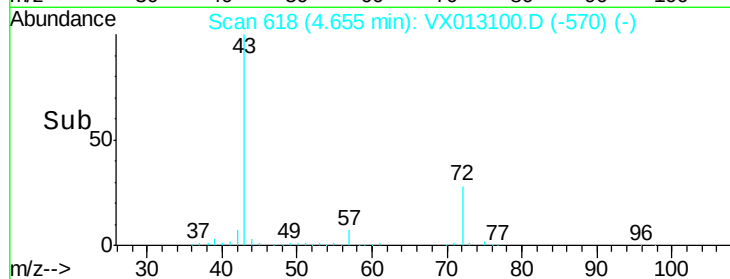
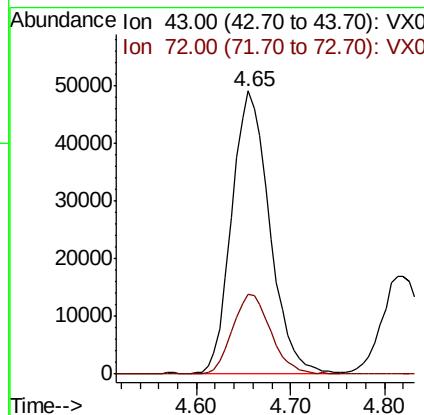
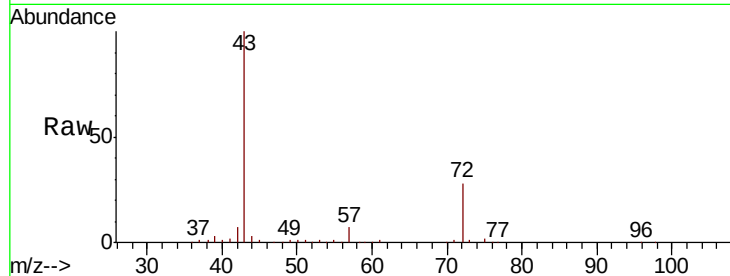
72 28.3 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 2065.077 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013100.D

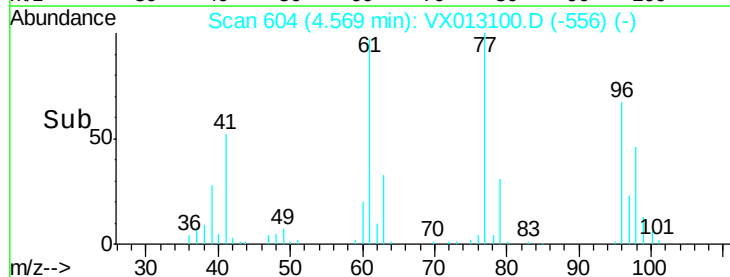
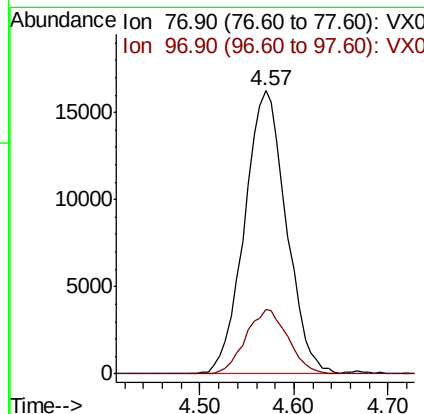
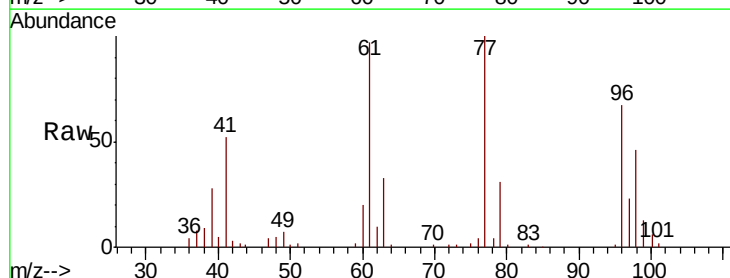
Acq: 17 Oct 2019 12:08

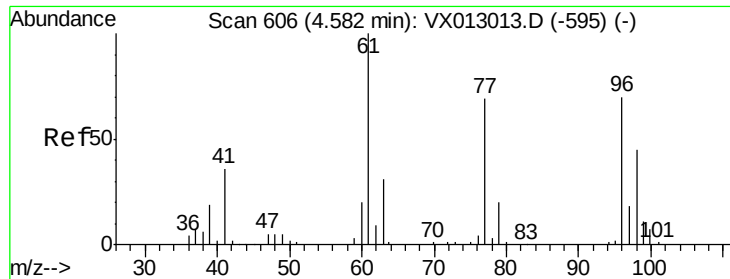
Tgt Ion: 77 Resp: 50534

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

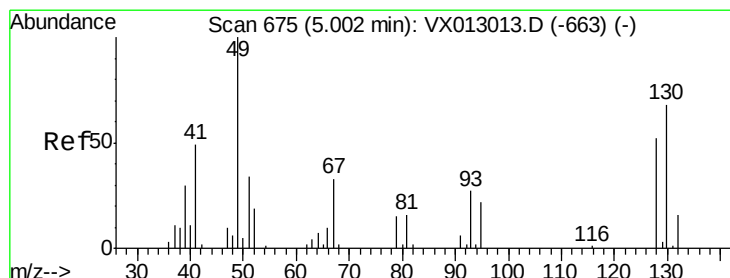
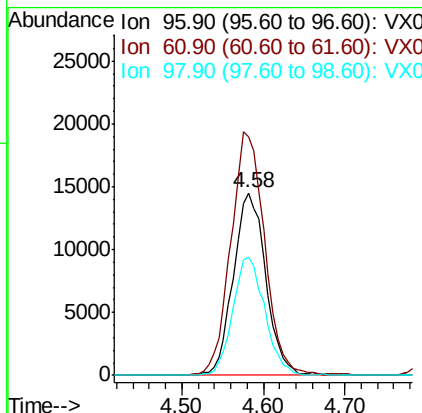
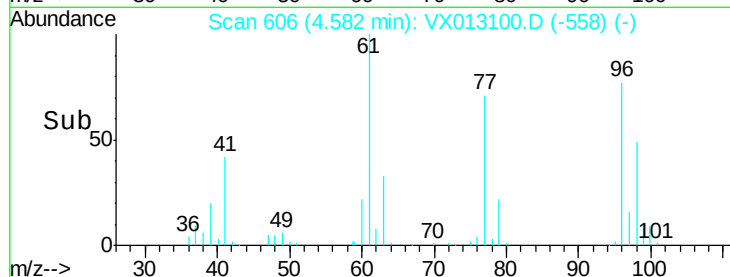
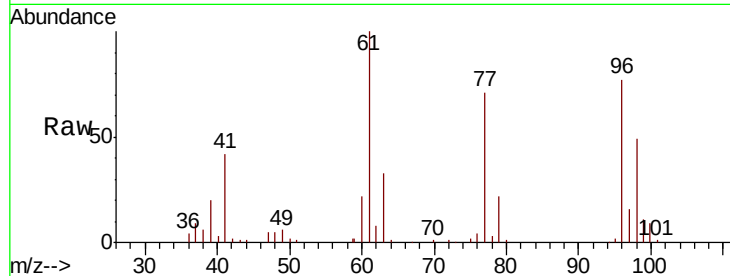
cis-1,2-Dichloroethene
Concen: 2132.696 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	39940		
61	138.5	0.0	290.6	
98	63.8	0.0	128.8	

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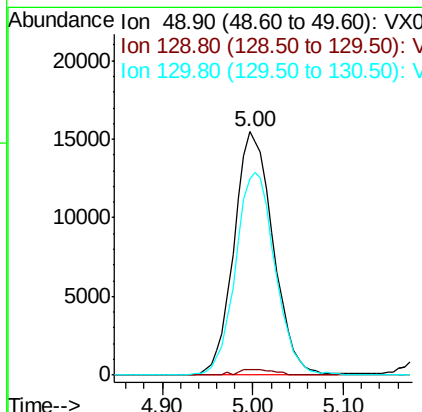
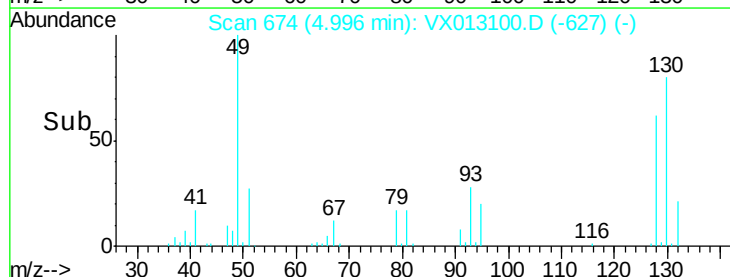
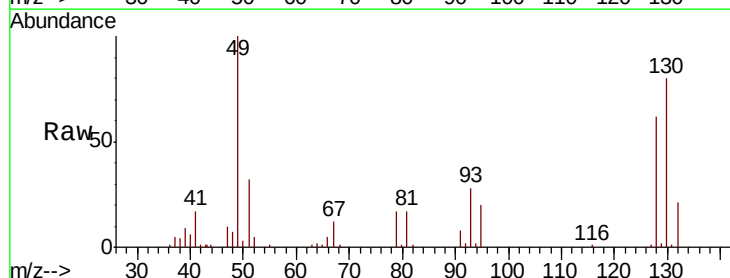
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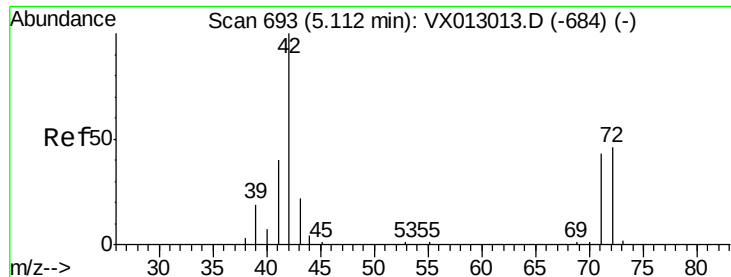


#28

Bromochloromethane
Concen: 5371.816 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46303		
129	2.1	0.0	4.2	
130	83.9	62.1	93.1	





#29

Tetrahydrofuran

Concen: 10002.721 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

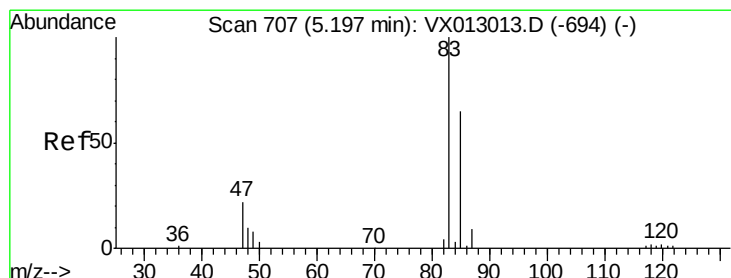
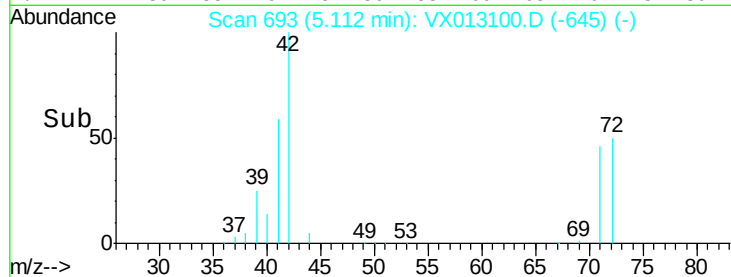
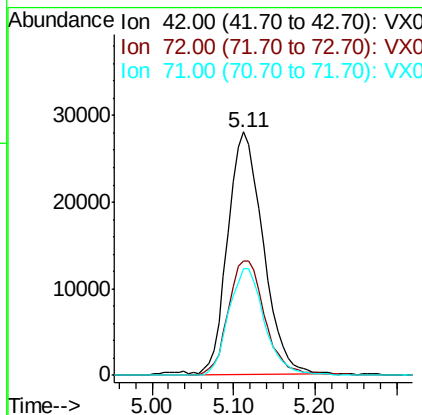
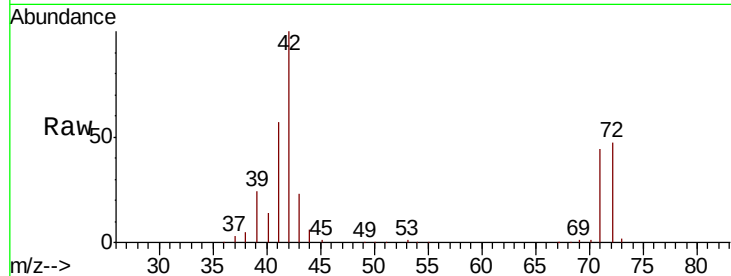
ClientSampleId :

VSTDCCC020

Tot Ion:	42	Resp:	84390
Ion	Ratio	Lower	Upper
42	100		
72	49.1	36.9	55.3
71	44.5	33.5	50.3

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#30

Chloroform

Concen: 2140.935 ug/l

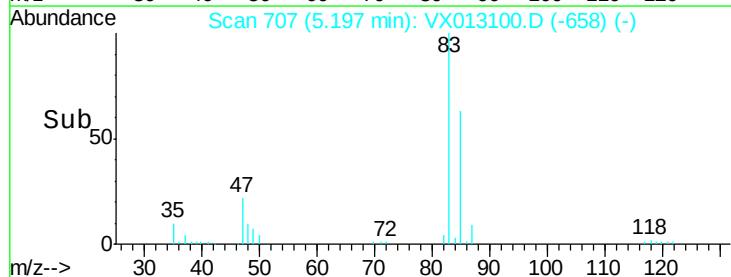
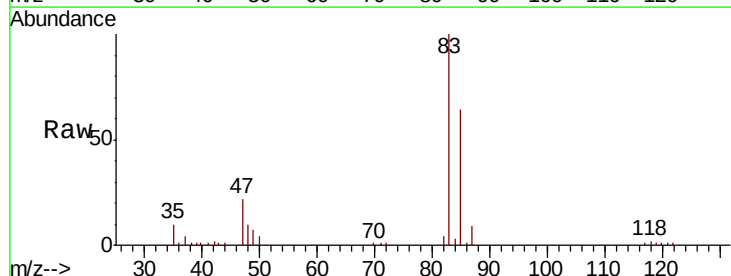
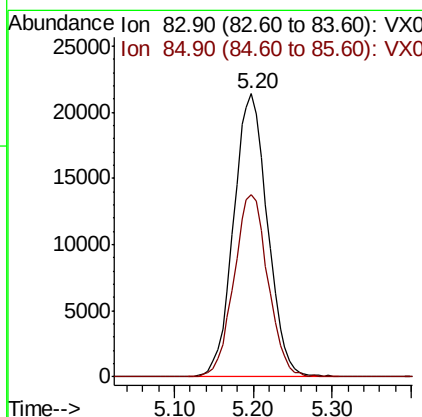
RT: 5.20 min Scan# 707

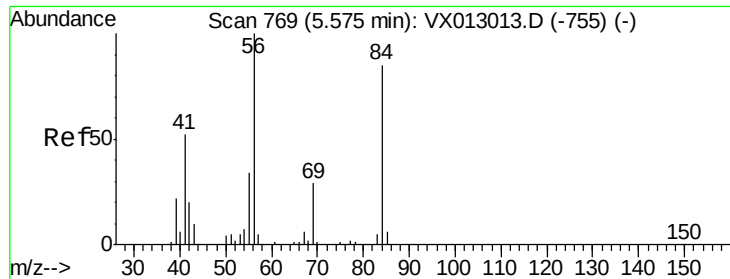
Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	83	Resp:	63927
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





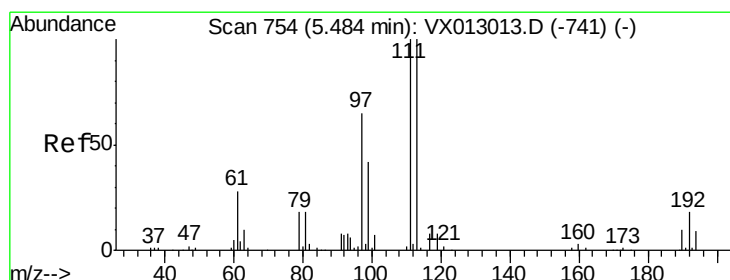
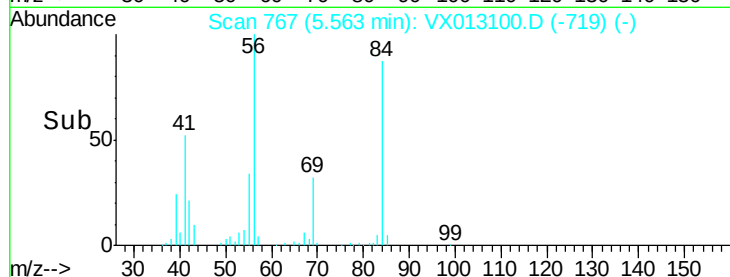
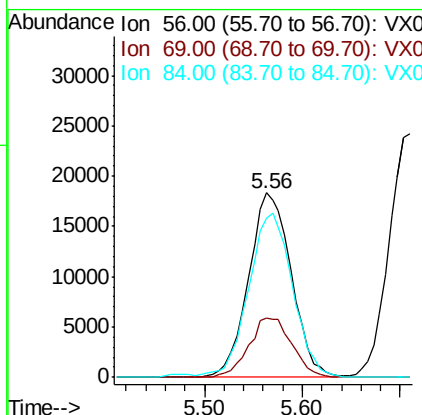
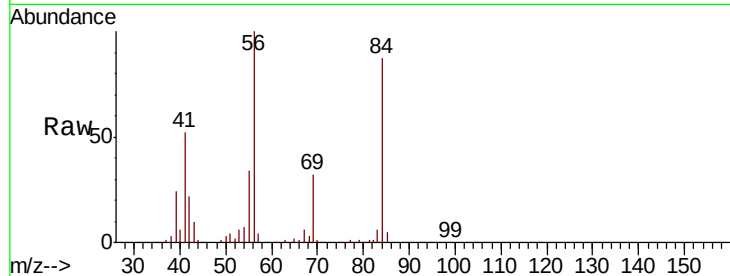
#31
Cyclohexane
Concen: 2045.099 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.2	37.8
84	85.5	71.3	106.9

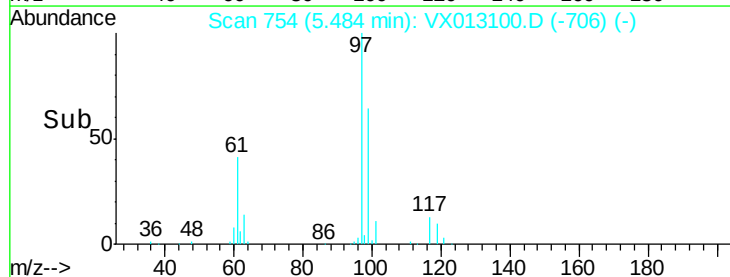
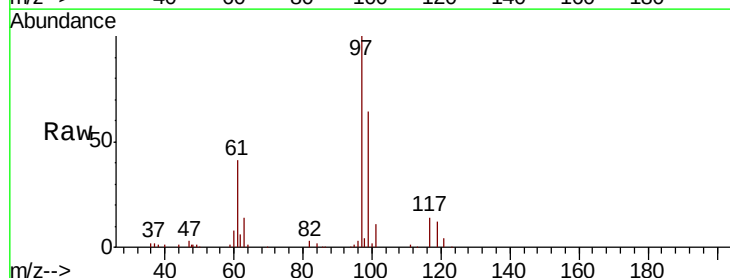
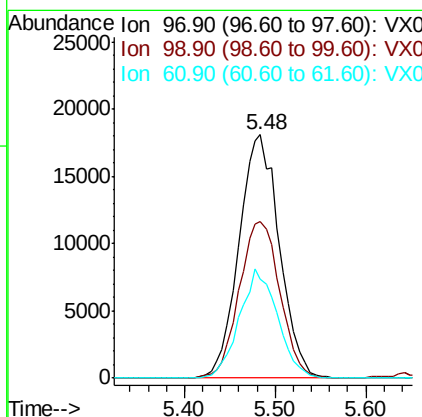
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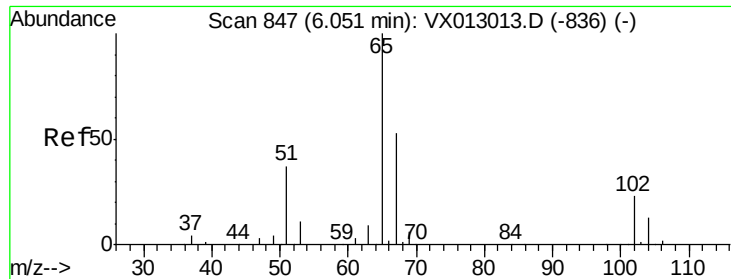
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#32
1,1,1-Trichloroethane
Concen: 2201.738 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	42.4	35.0	52.4





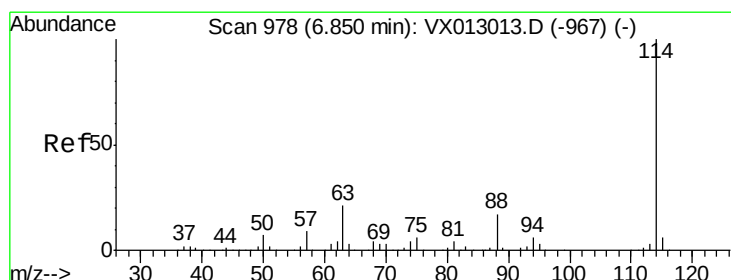
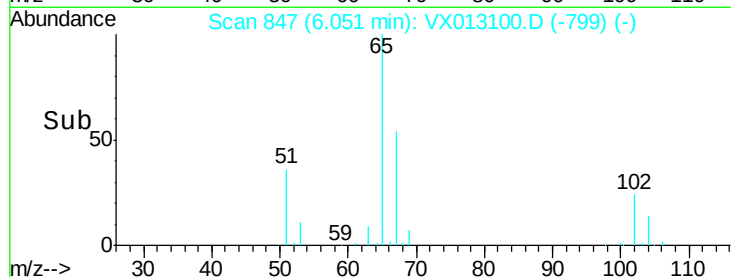
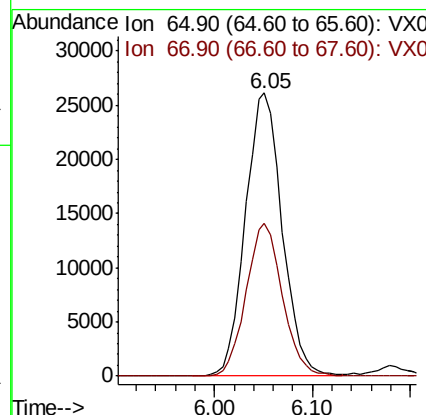
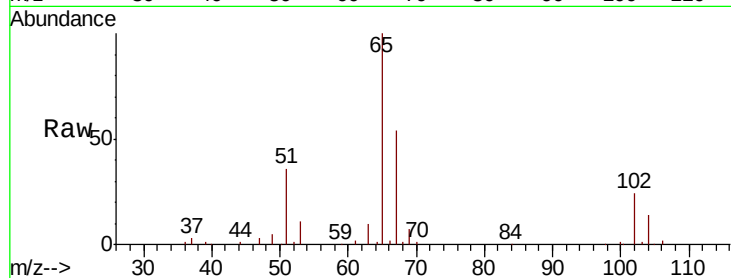
#33
 1,2-Dichloroethane-d4
 Concen: 3641.009 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 65 Resp: 68262
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4

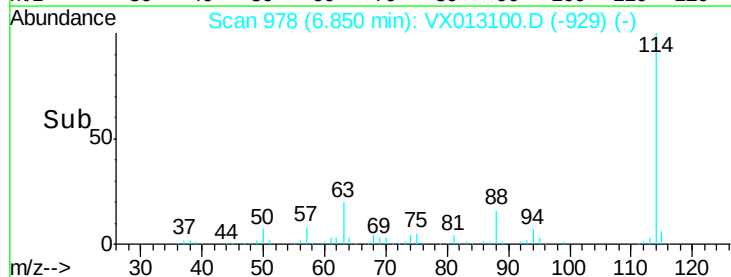
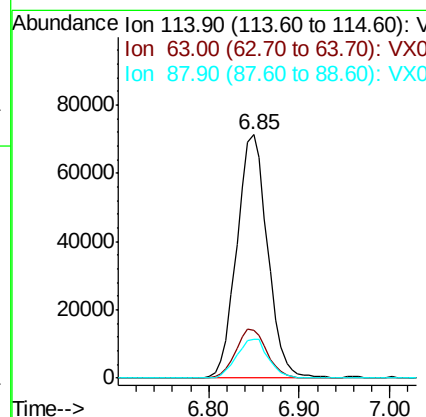
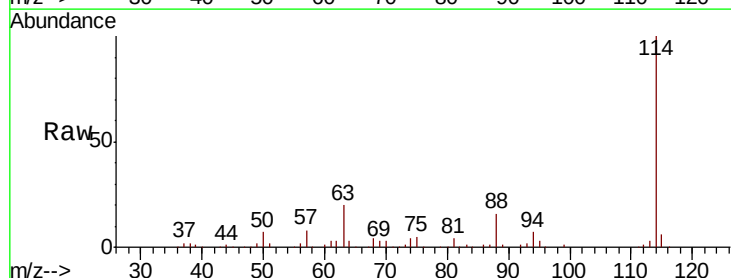
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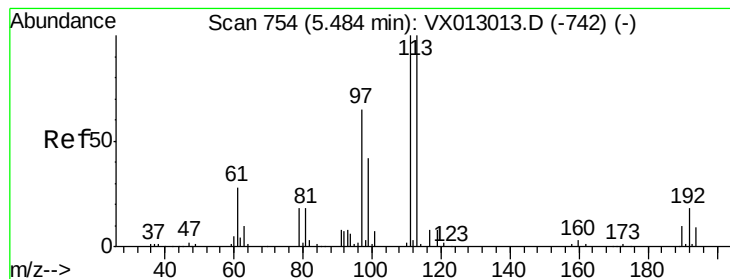
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion: 114 Resp: 167750
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 0.261 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

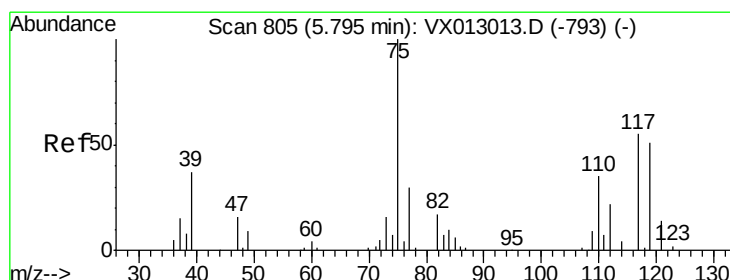
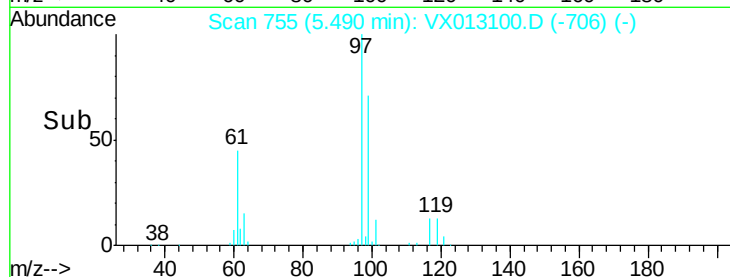
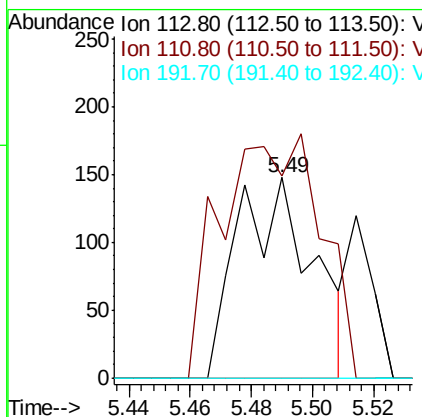
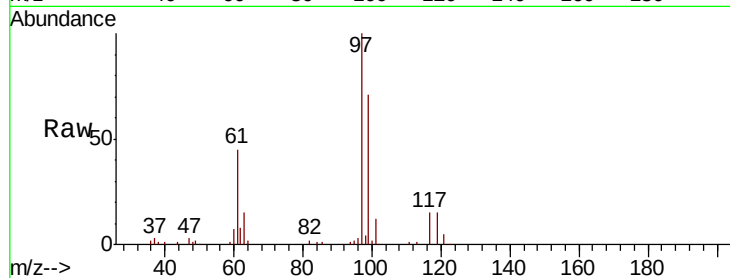
ClientSampleId :

VSTDCCC020

Tot Ion:	113	Resp:	251
Ion	Ratio	Lower	Upper
113	100		
111	161.4	83.2	124.8#
192	0.0	15.4	23.2#

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#36

1,1-Dichloropropene

Concen: 31.279 ug/l

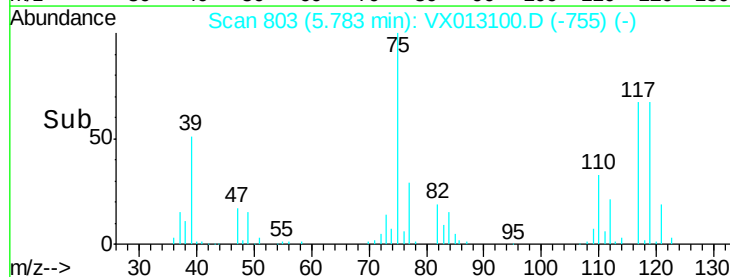
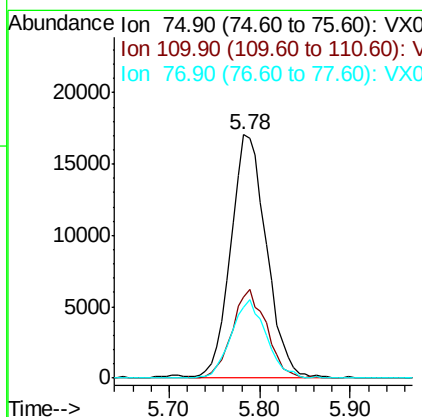
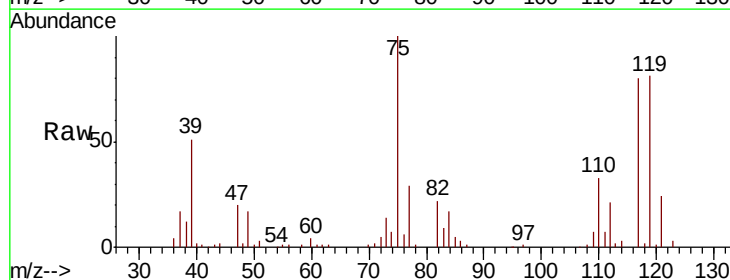
RT: 5.78 min Scan# 803

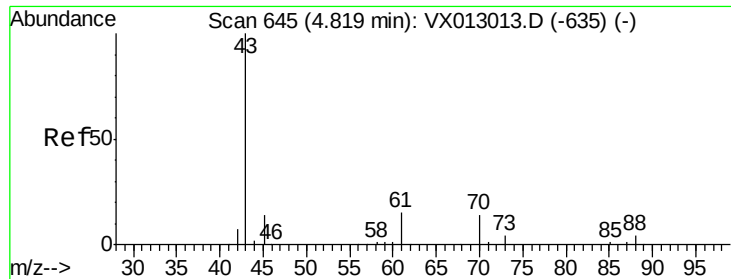
Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	75	Resp:	46132
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	31.9	24.4	36.6





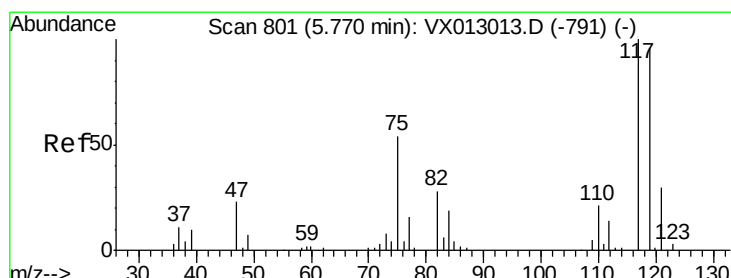
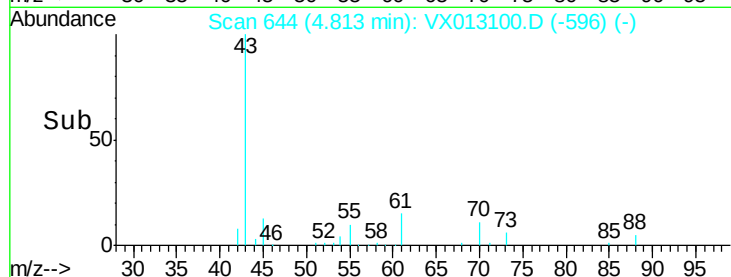
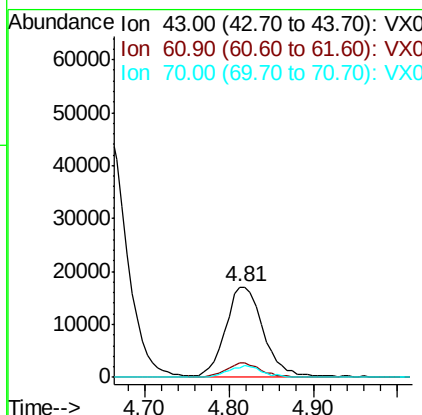
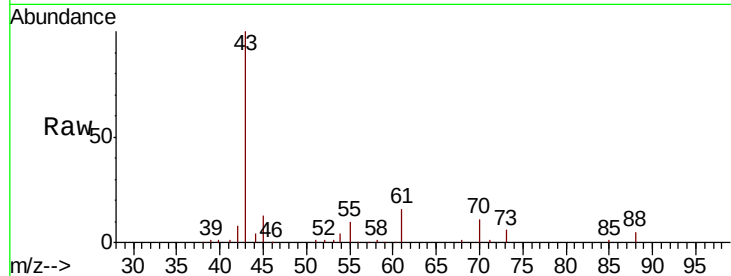
#37
Ethyl Acetate
Concen: 30.893 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.4	17.0
70	12.1	9.8	14.6

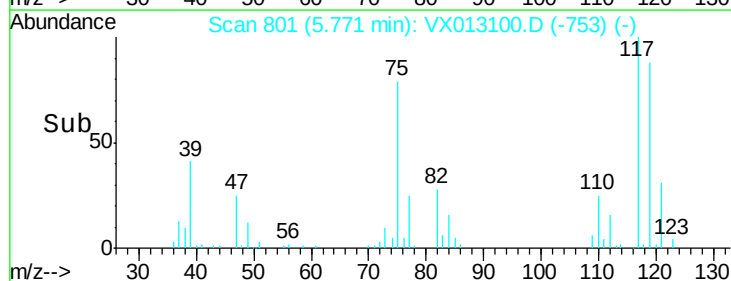
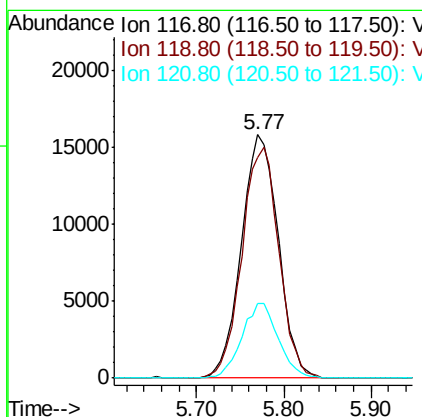
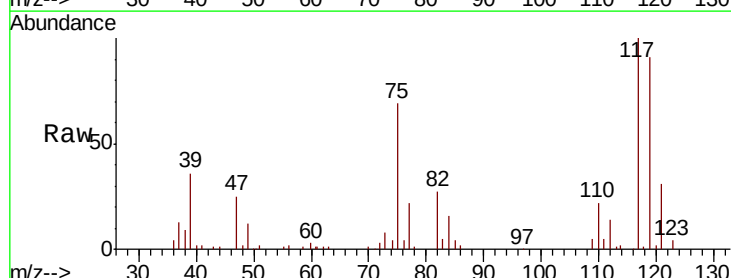
Manual Integrations
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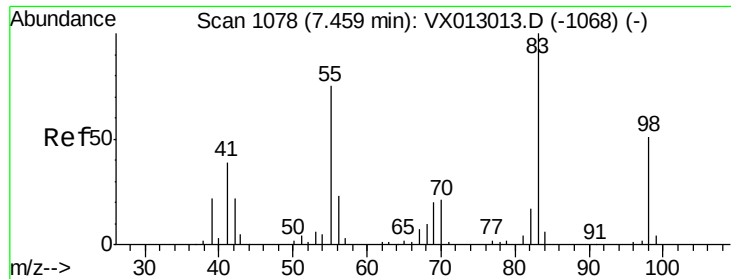
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#38
Carbon Tetrachloride
Concen: 32.412 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	74.5	111.7
121	30.8	24.2	36.4





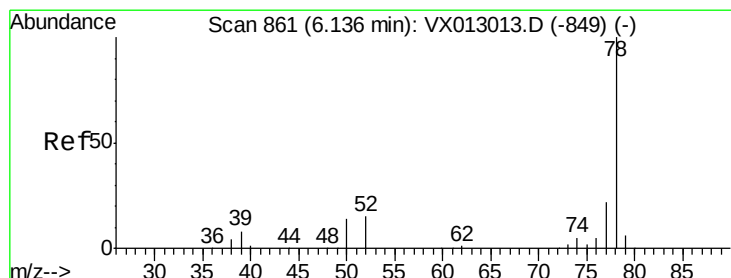
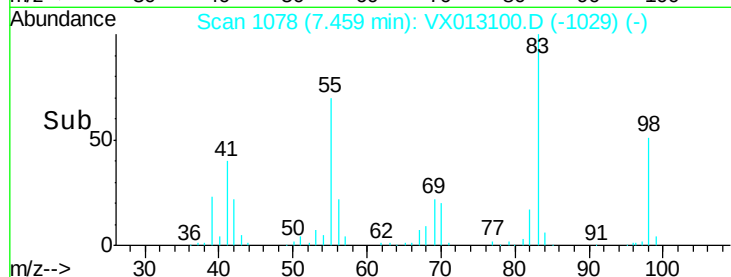
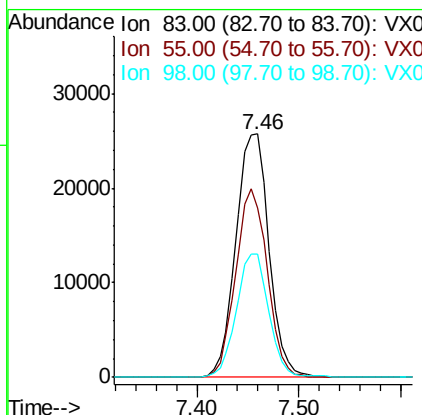
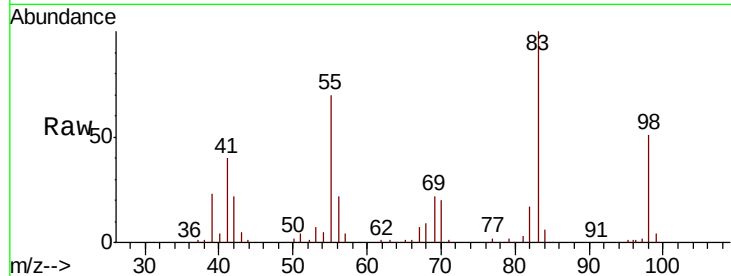
#39
Methylvlcyclohexane
Concen: 32.494 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	60.2	90.4
98	50.8	38.5	57.7

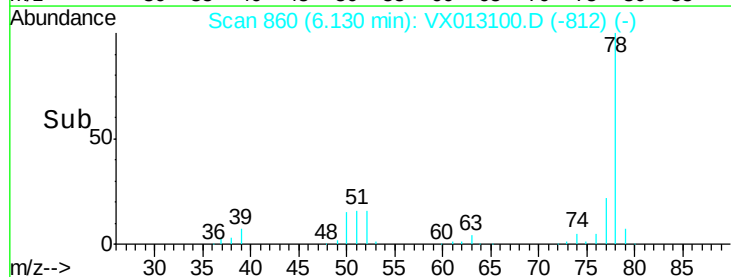
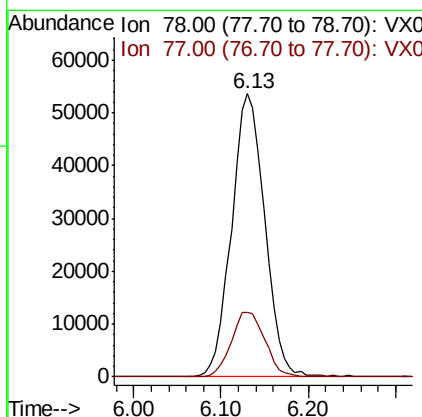
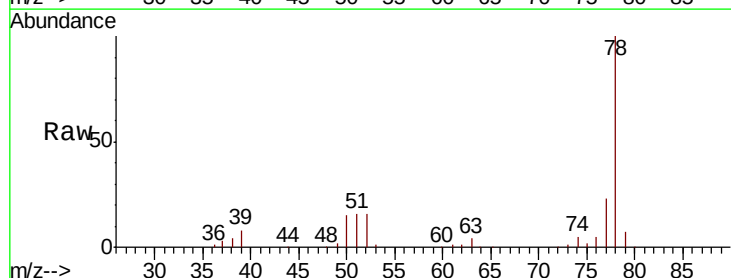
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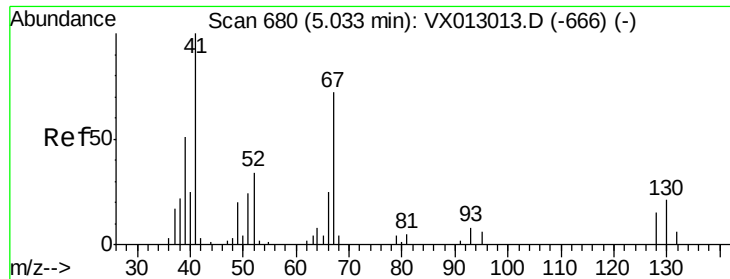
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#40
Benzene
Concen: 32.491 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4





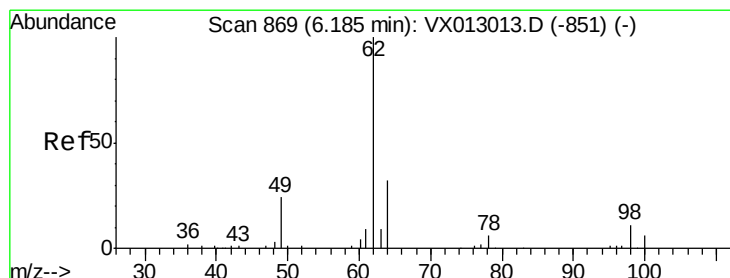
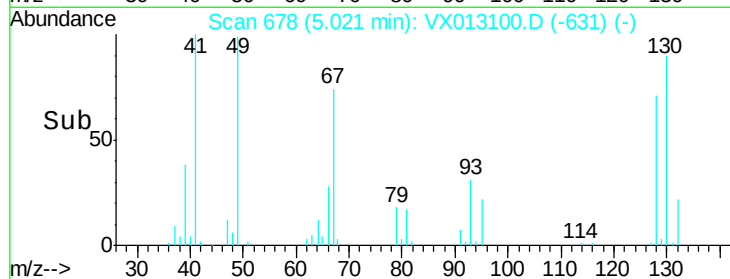
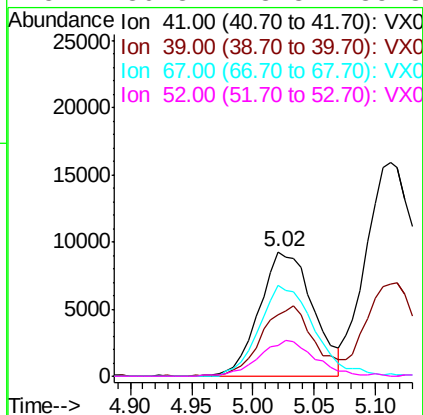
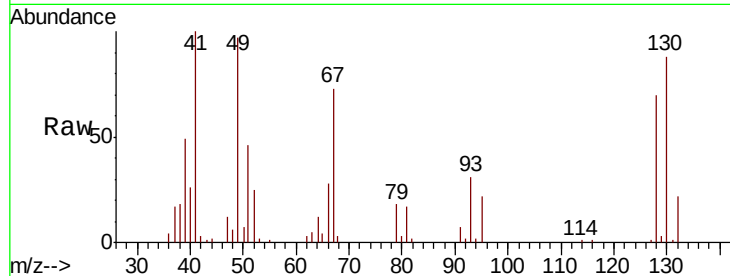
#41
Methacrylonitrile
Concen: 31.226 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.0	66.0
67	74.8	58.5	87.7
52	30.3	23.8	35.8

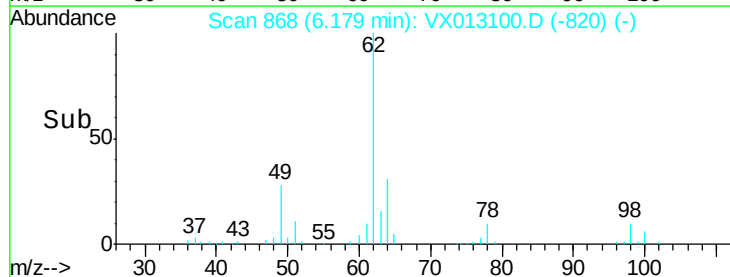
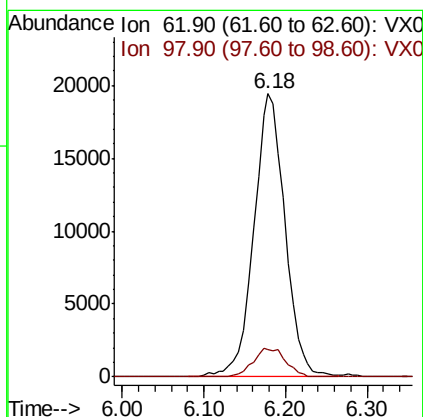
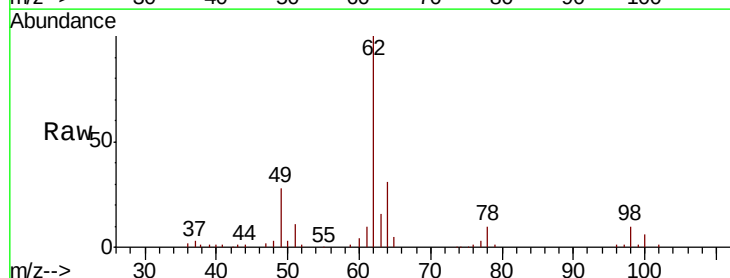
Manual Integrations
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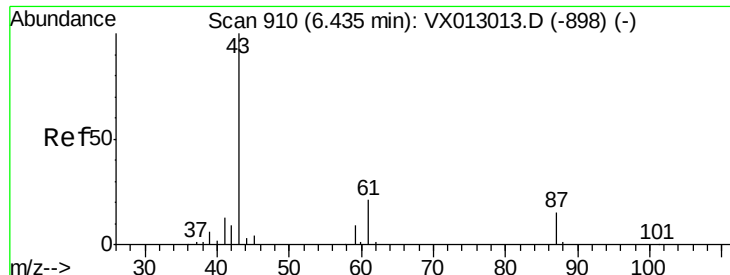
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#42
1,2-Dichloroethane
Concen: 33.059 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 31.919 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

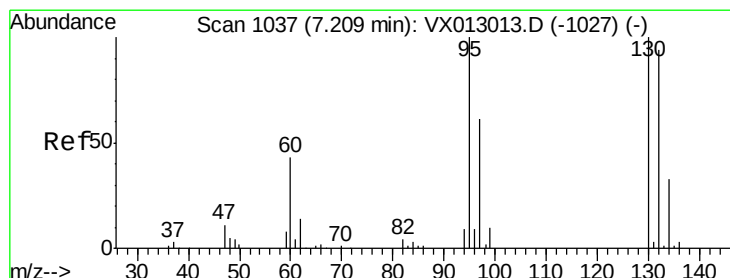
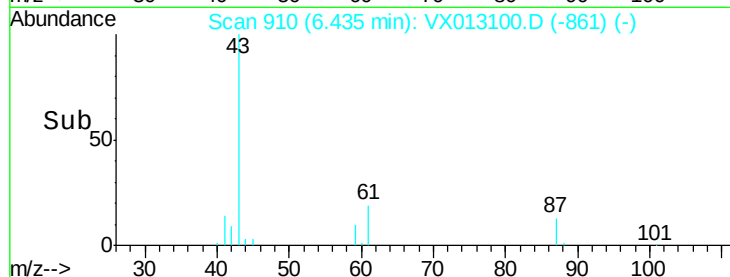
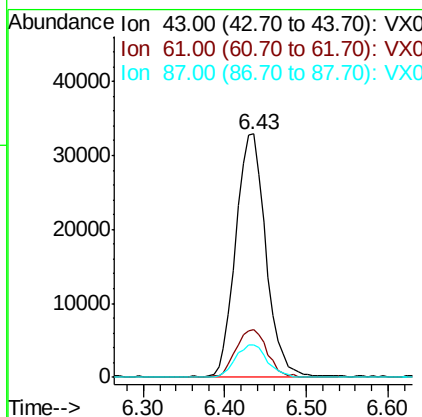
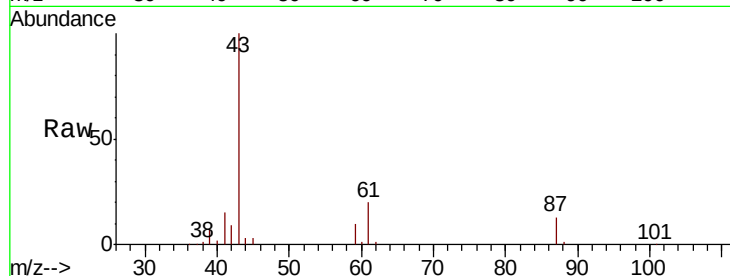
ClientSampleId :

VSTDCCC020

Tot Ion:	43	Resp:	84489
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	14.0	11.0	16.6

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#44

Trichloroethene

Concen: 32.180 ug/l

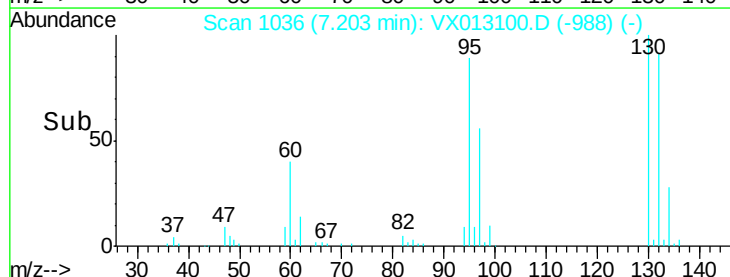
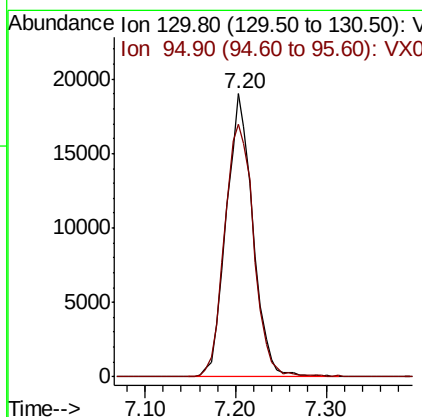
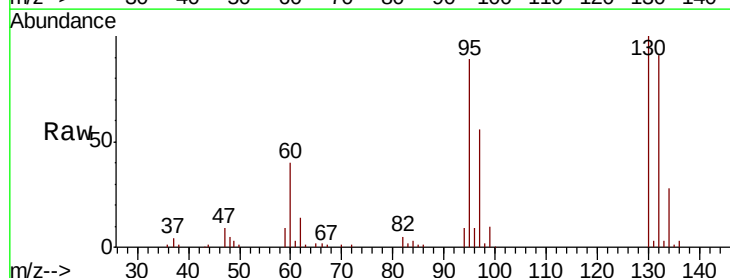
RT: 7.20 min Scan# 1036

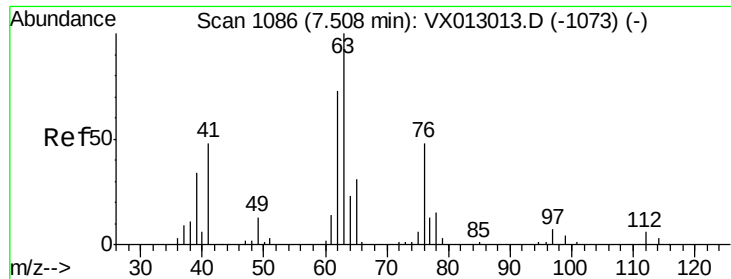
Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	130	Resp:	38872
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	189.2





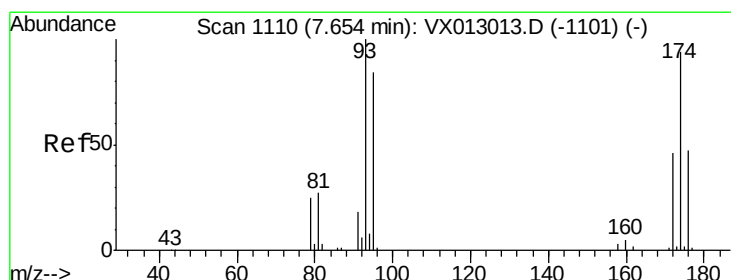
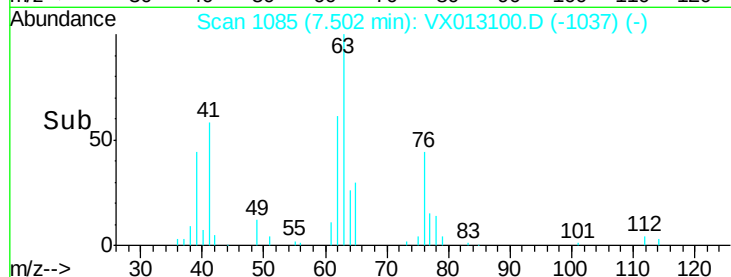
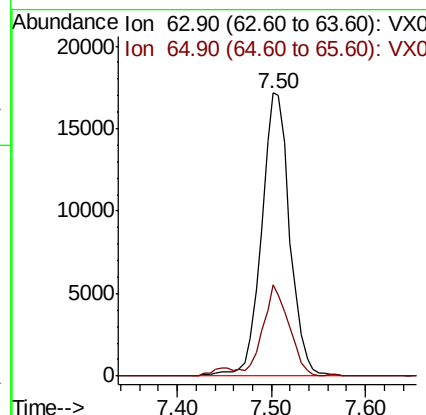
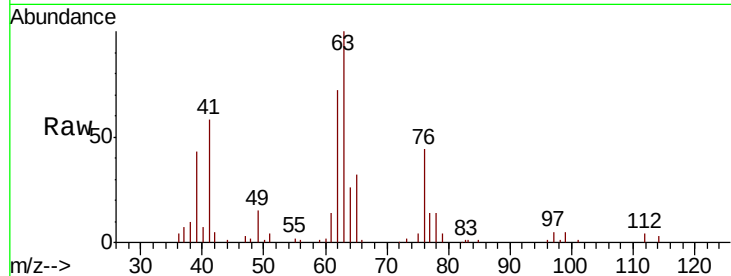
#45
 1,2-Dichloropropane
 Concen: 32.577 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 36167
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 37.0

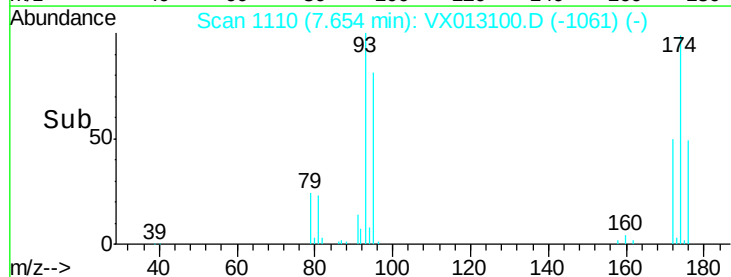
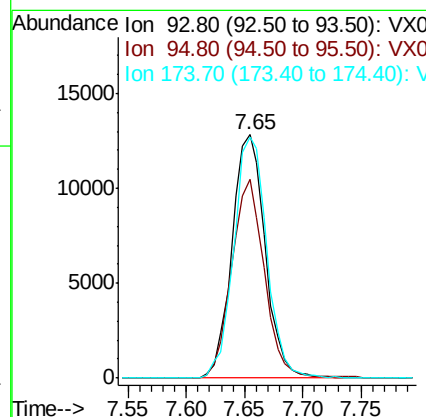
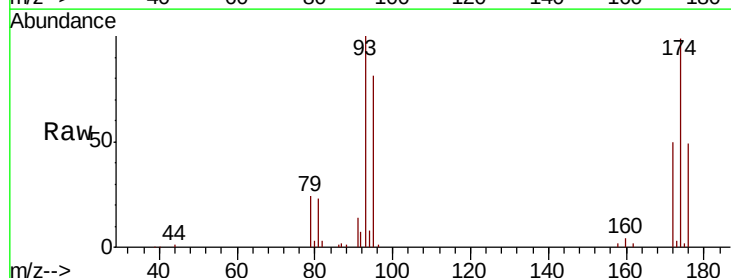
Manual Integrations
 APPROVED

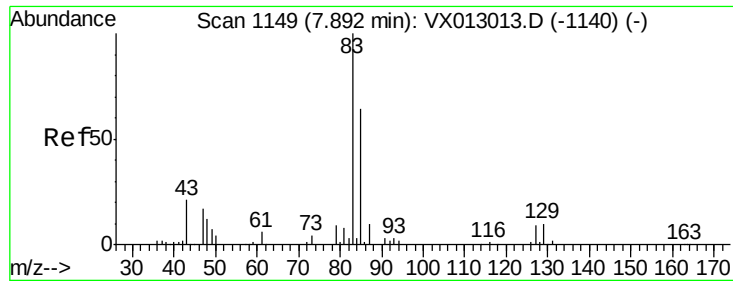
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#46
 Dibromomethane
 Concen: 34.363 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion: 93 Resp: 25418
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.3 99.5
 174 99.1 77.8 116.6





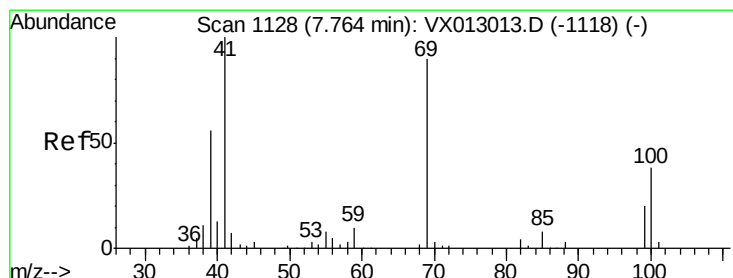
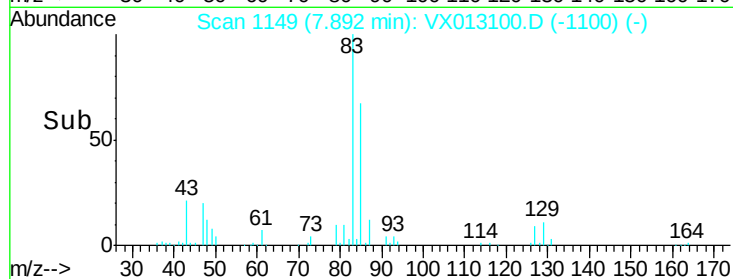
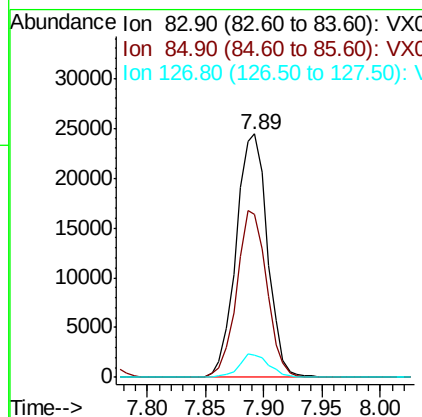
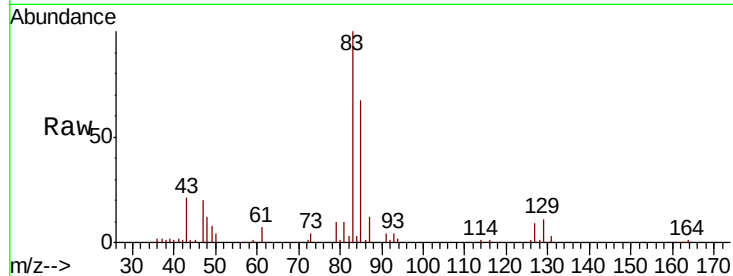
#47
Bromodichloromethane
Concen: 31.741 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.4	78.6
127	9.3	6.6	10.0

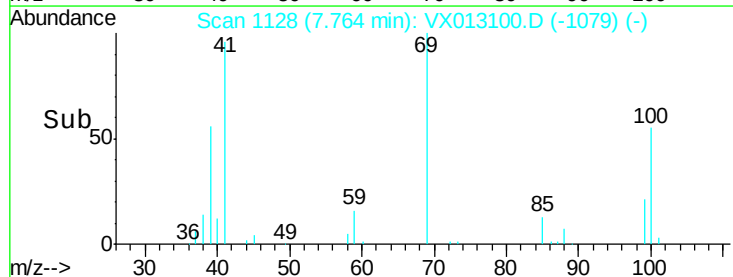
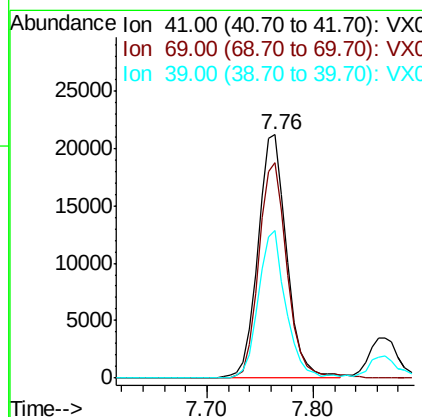
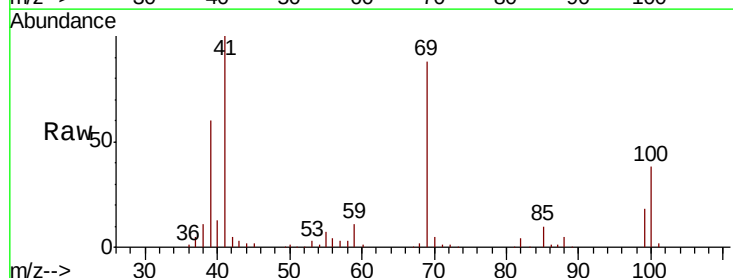
Manual Integrations
APPROVED

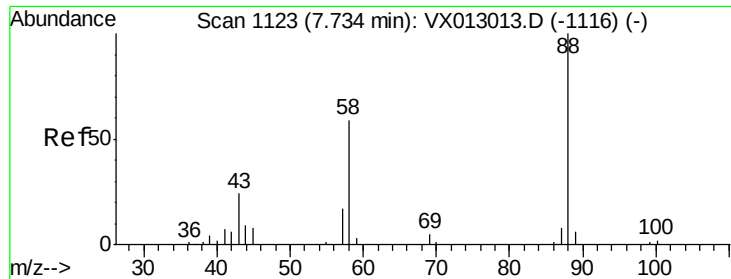
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#48
Methyl methacrylate
Concen: 31.136 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.4	68.7	103.1
39	57.4	44.3	66.5





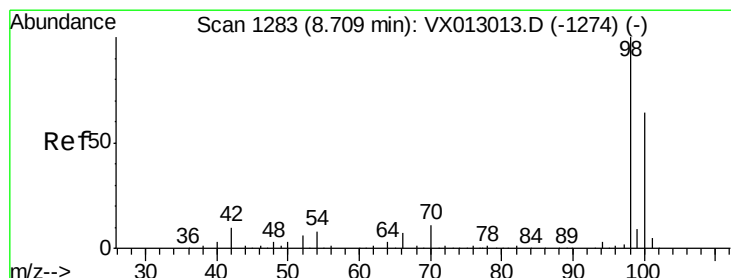
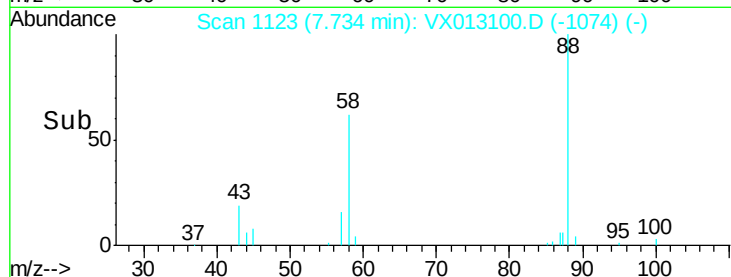
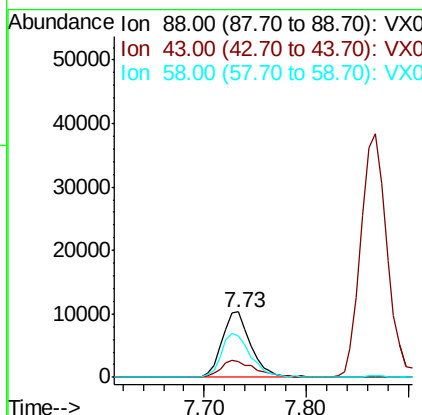
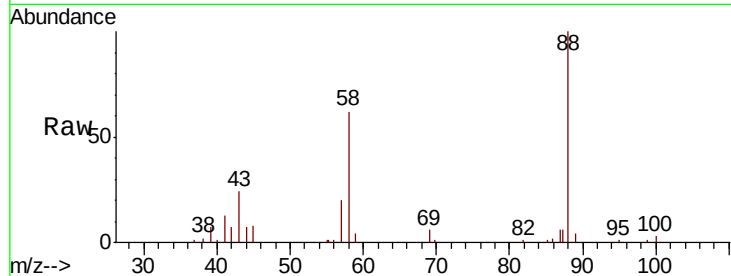
#49
1,4-Dioxane
Concen: 599.587 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.0	37.6
58	68.4	55.4	83.2

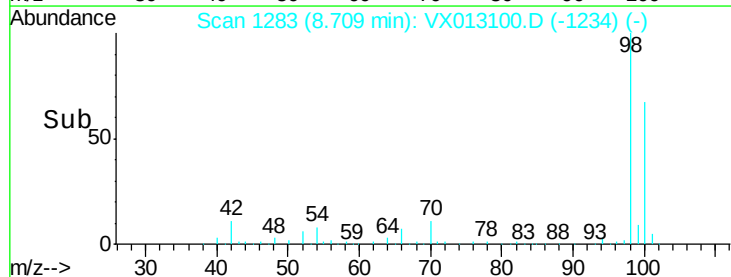
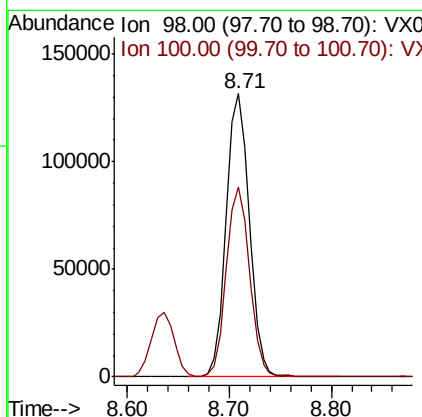
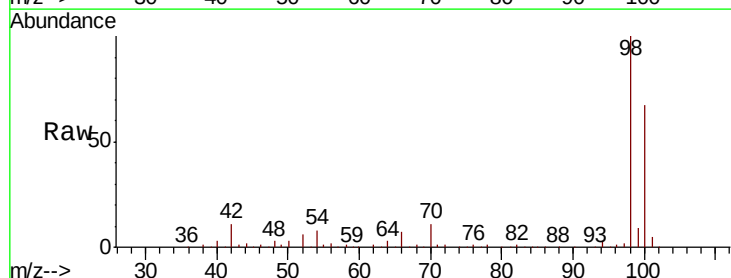
Manual Integrations
APPROVED

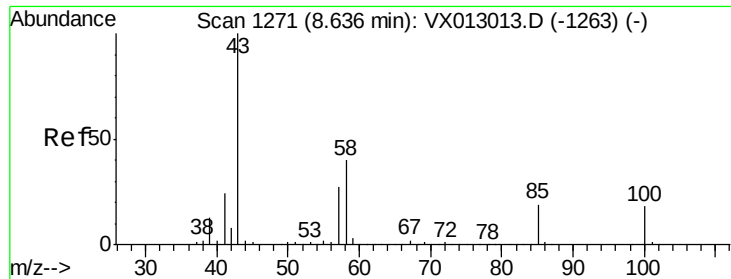
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#50
Toluene-d8
Concen: 55.184 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 156.537 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 258339

Ion Ratio Lower Upper

43 100

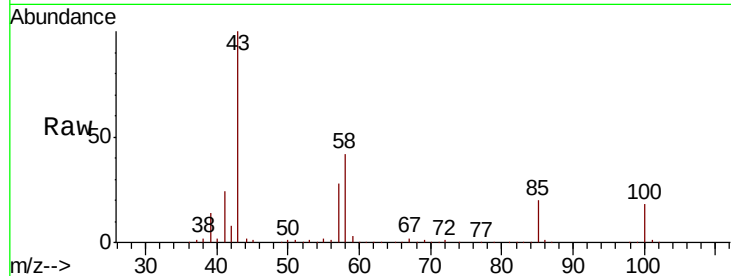
58 41.7 32.4 48.6

Manual Integrations

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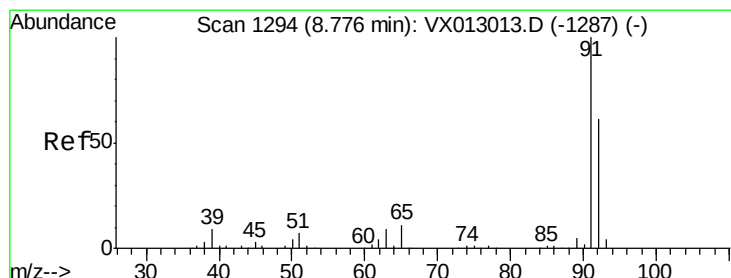
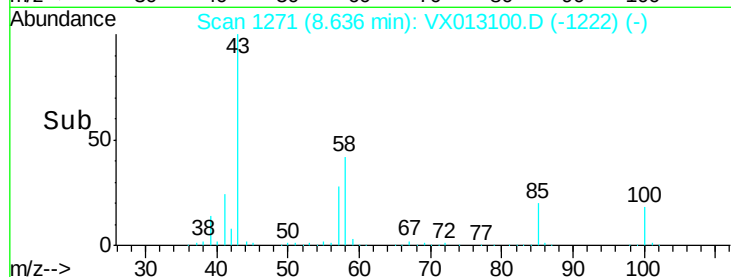
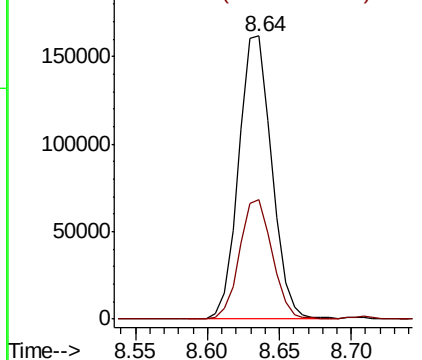
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 32.894 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013100.D

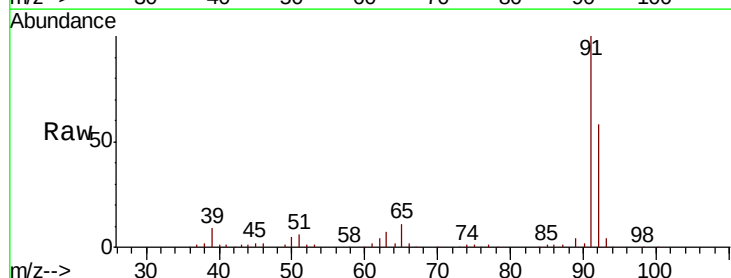
Acq: 17 Oct 2019 12:08

Tgt Ion: 92 Resp: 91669

Ion Ratio Lower Upper

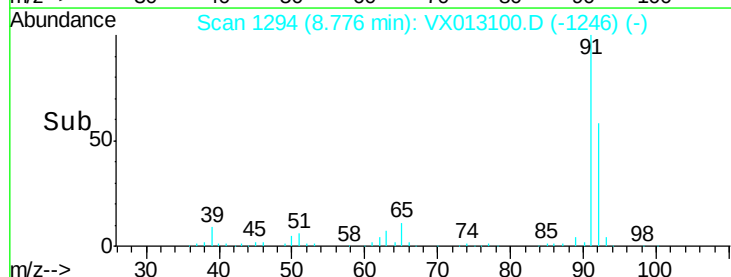
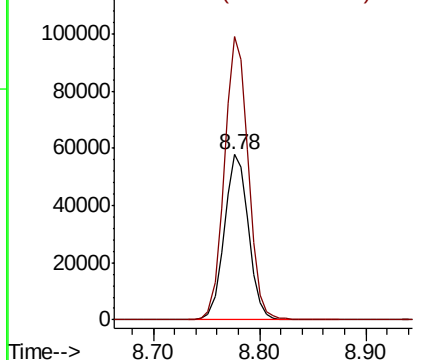
92 100

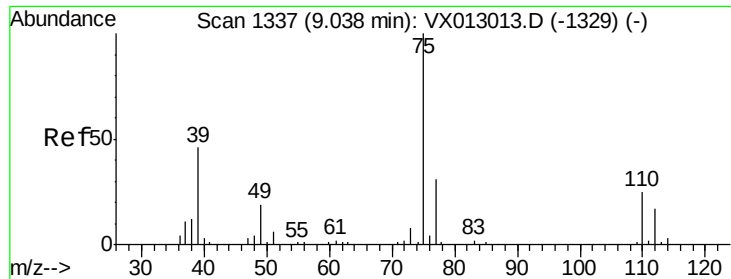
91 169.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





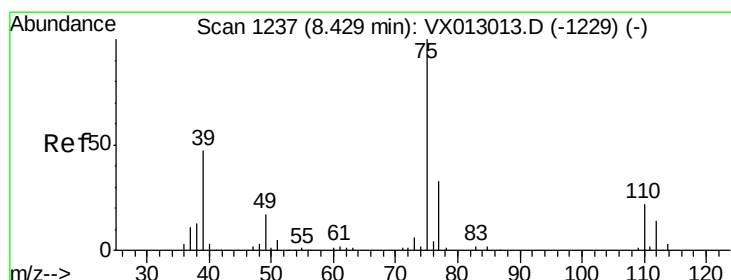
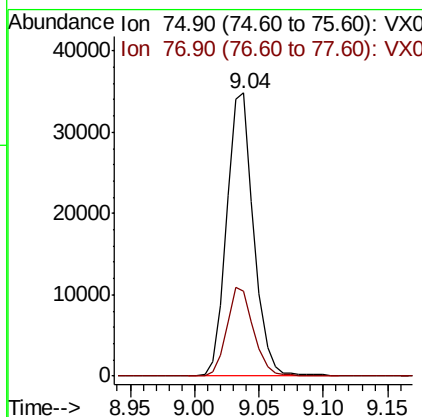
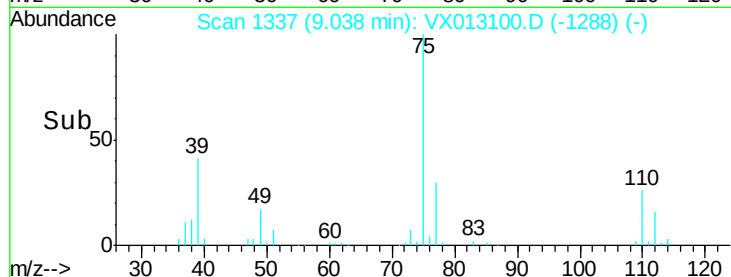
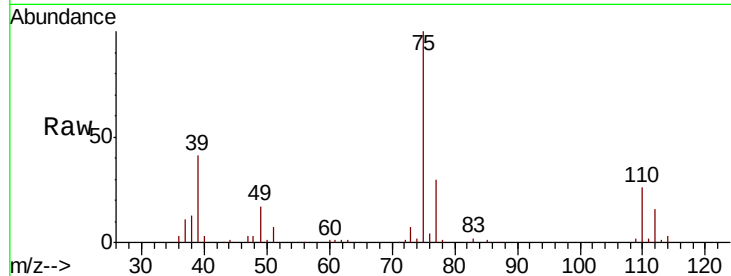
#53
t-1,3-Dichloropropene
Concen: 29.337 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 75 Resp: 51162
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.6

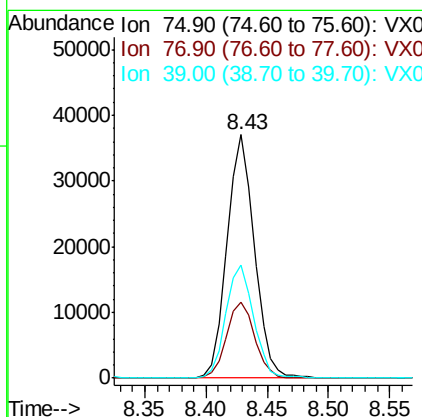
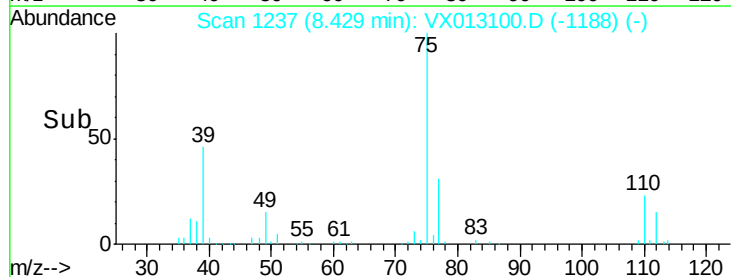
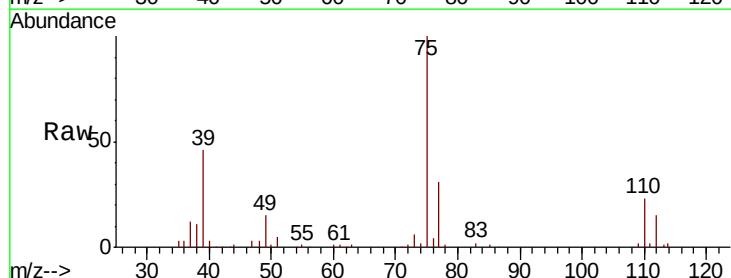
Manual Integrations
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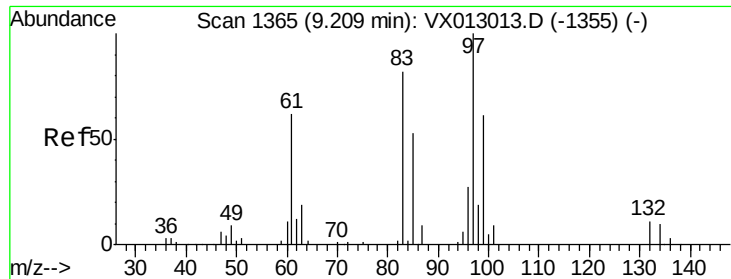
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#54
cis-1,3-Dichloropropene
Concen: 32.224 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion: 75 Resp: 57211
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8
39 46.2 38.2 57.2





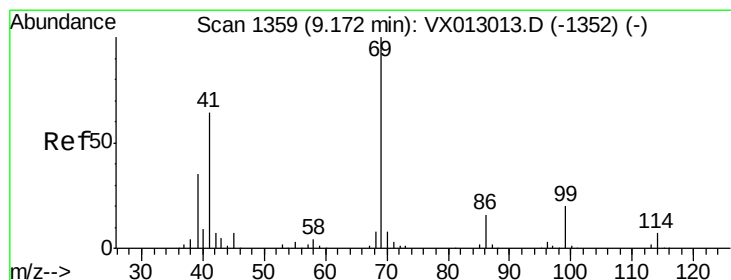
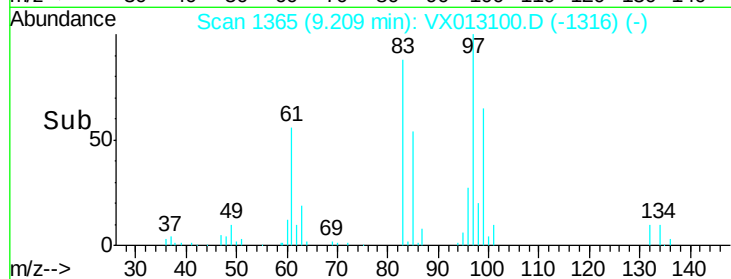
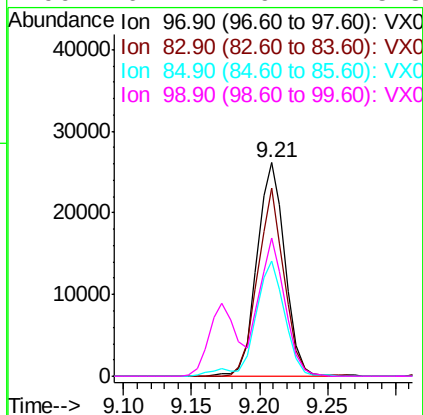
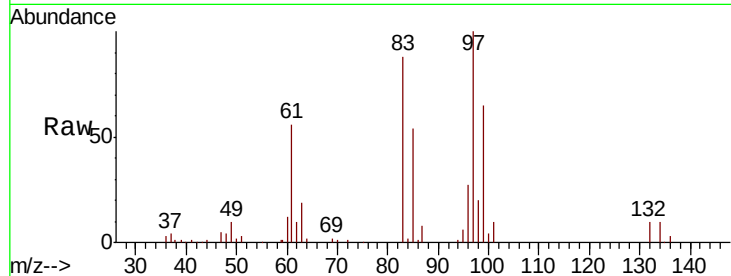
#55
 1,1,2-Trichloroethane
 Concen: 34.256 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	97	Resp:	37780
Ion	Ratio	Lower	Upper
97	100		
83	88.0	66.5	99.7
85	54.2	43.1	64.7
99	64.4	49.2	73.8

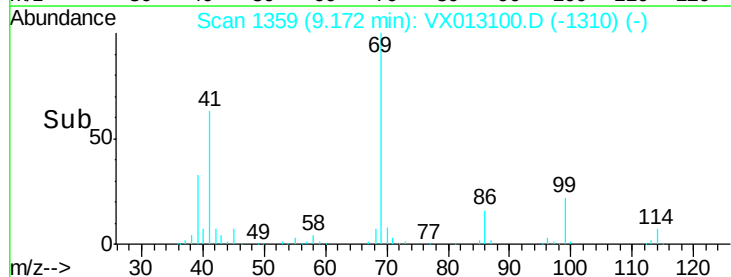
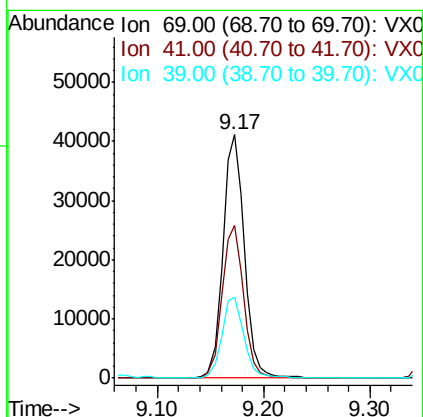
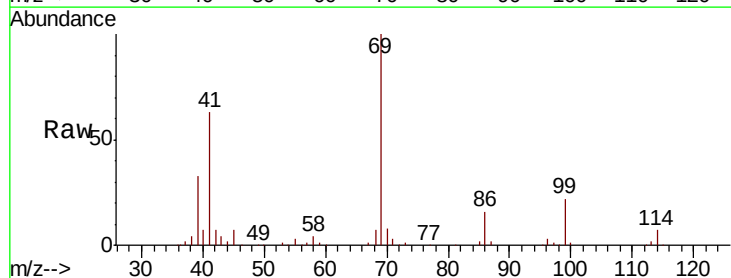
Manual Integrations
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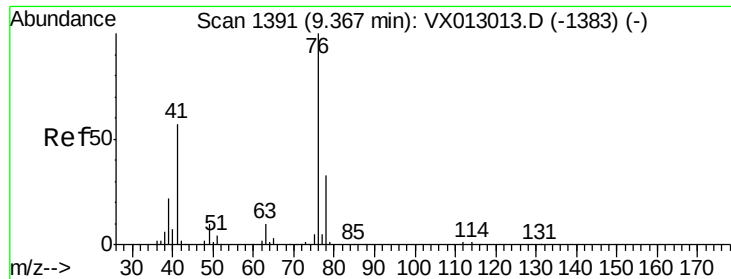
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#56
 Ethyl methacrylate
 Concen: 30.000 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion:	69	Resp:	57744
Ion	Ratio	Lower	Upper
69	100		
41	63.2	52.1	78.1
39	34.8	27.8	41.8





#57

1,3-Dichloropropane

Concen: 33.234 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 76 Resp: 63402

Ion Ratio Lower Upper

76 100

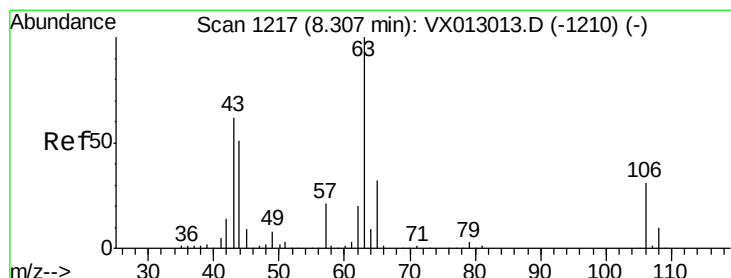
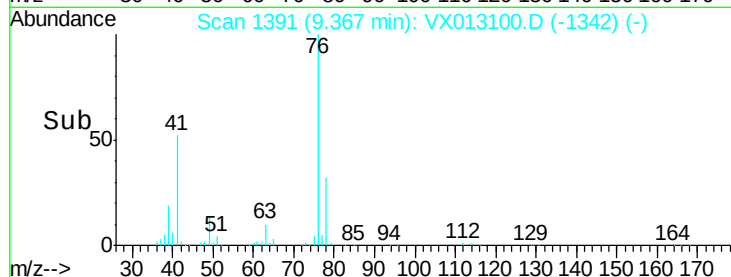
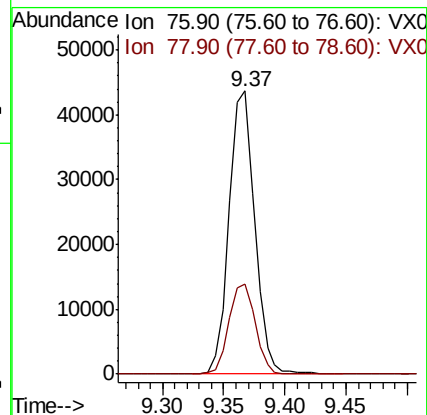
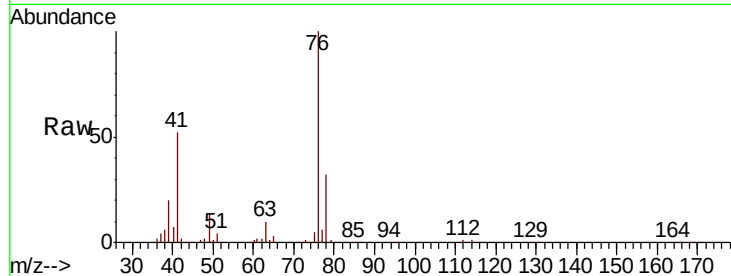
78 32.9 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 158.732 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013100.D

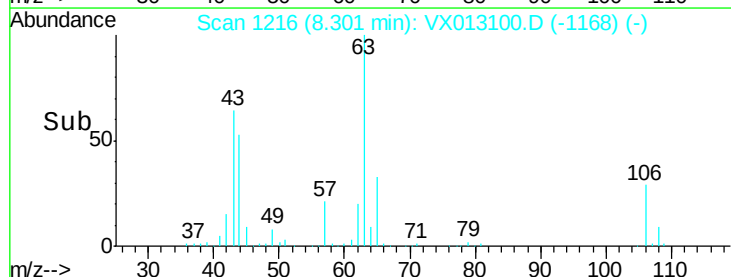
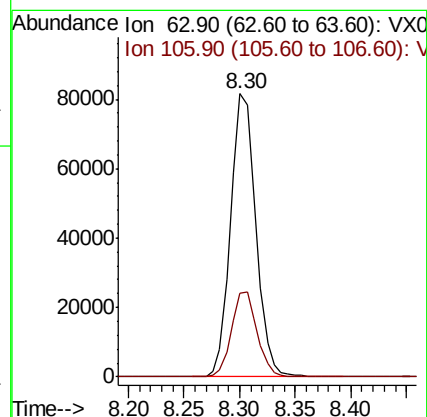
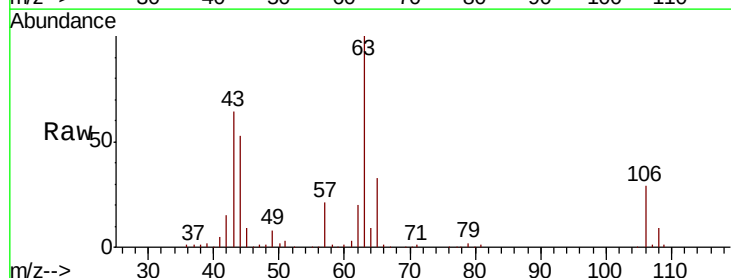
Acq: 17 Oct 2019 12:08

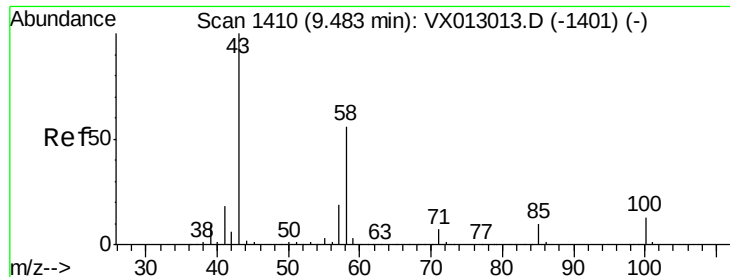
Tgt Ion: 63 Resp: 128602

Ion Ratio Lower Upper

63 100

106 30.4 23.8 35.8





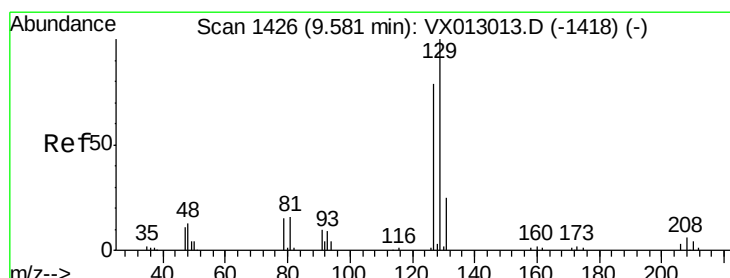
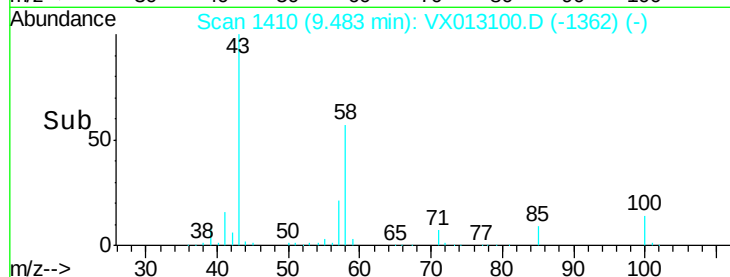
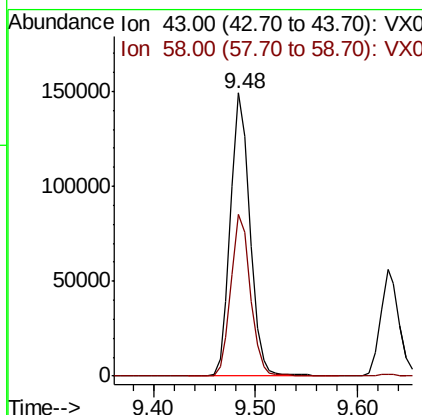
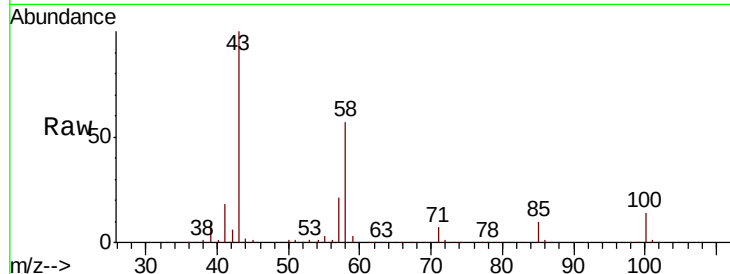
#59
2-Hexanone
Concen: 153.341 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.2	28.1	84.3

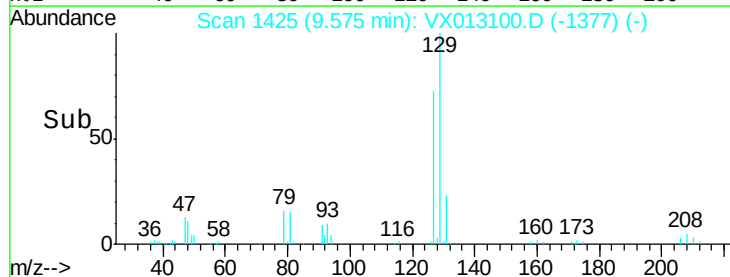
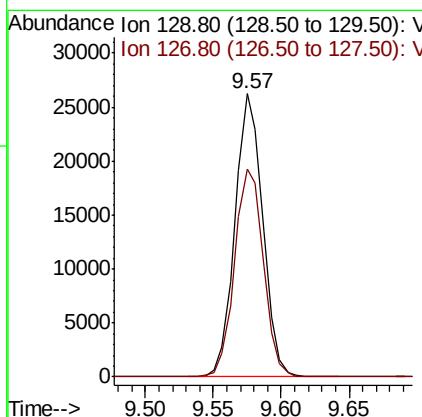
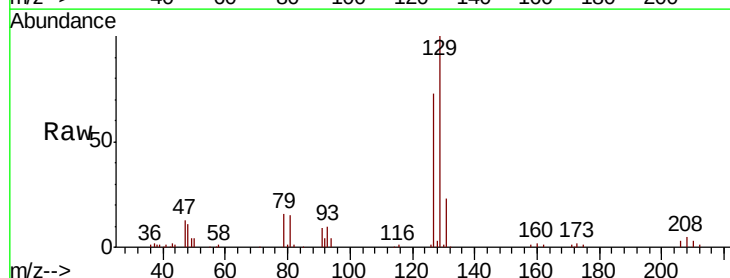
Manual Integrations
APPROVED

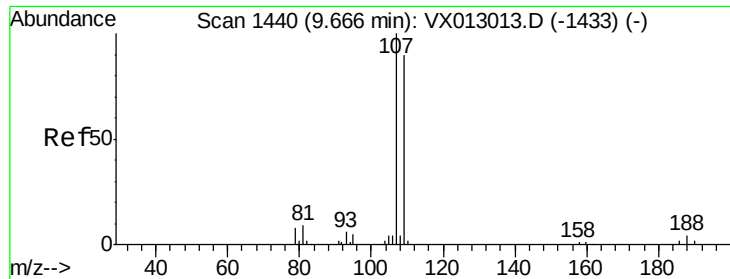
MMDadoda
10/18/2019 10:05:47 AM



#60
Dibromochloromethane
Concen: 31.108 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.9	116.7





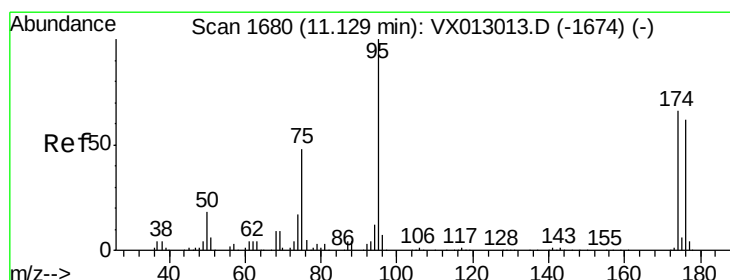
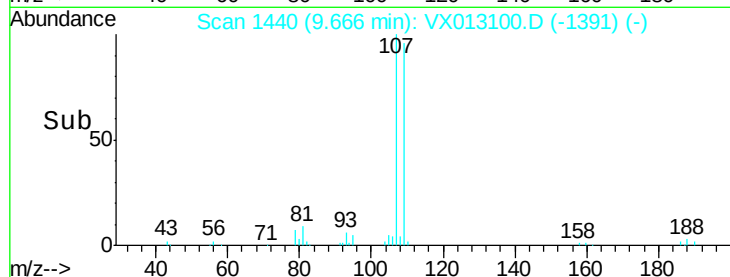
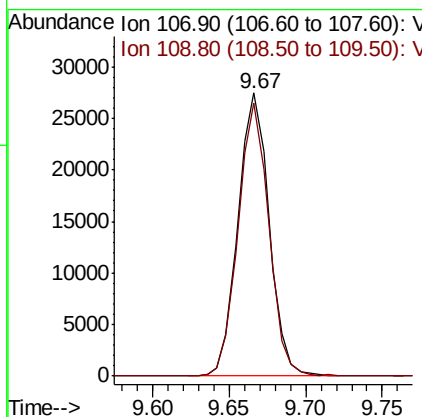
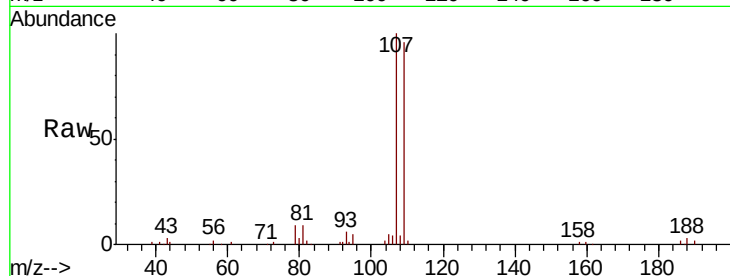
#61
 1,2-Dibromoethane
 Concen: 33.408 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 107 Resp: 38759
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.8 113.6

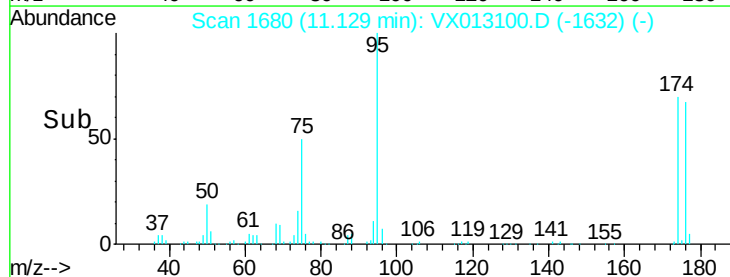
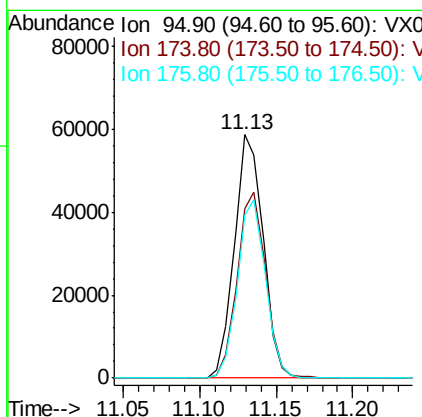
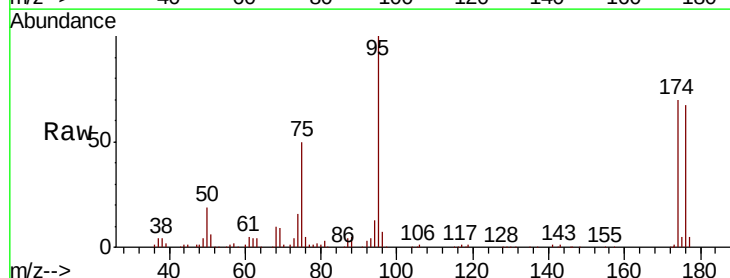
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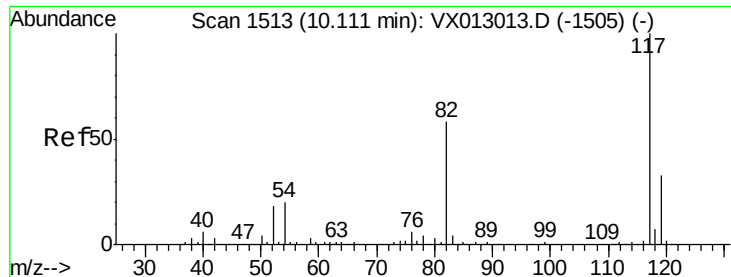
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#62
 4-Bromofluorobenzene
 Concen: 52.514 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion: 95 Resp: 76623
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 143.4
 176 71.6 0.0 136.0





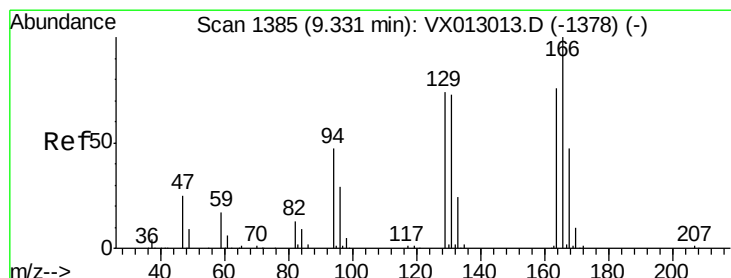
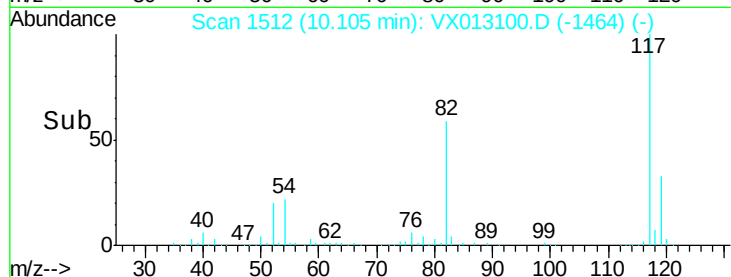
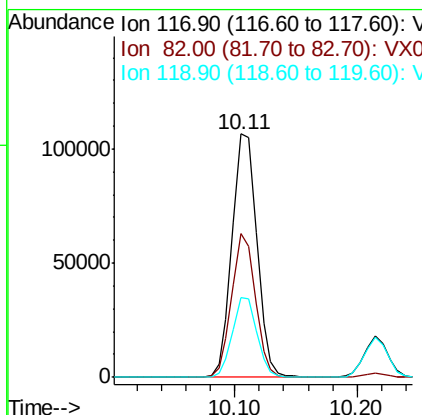
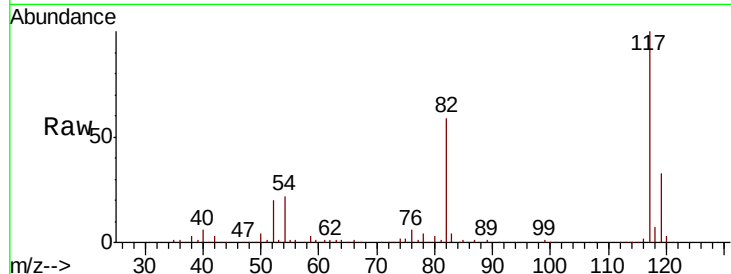
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.1	66.1
119	32.9	25.8	38.8

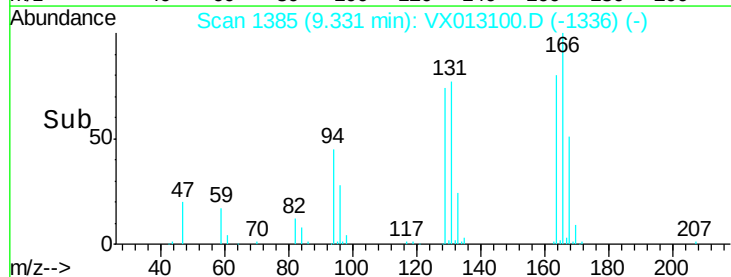
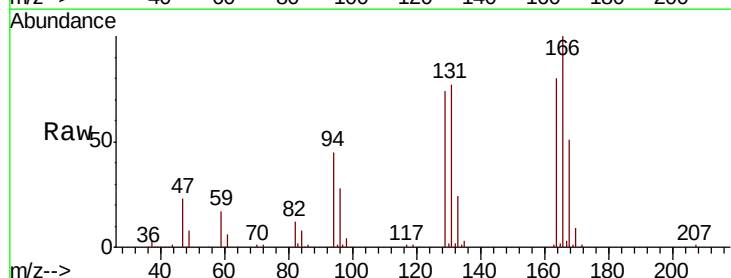
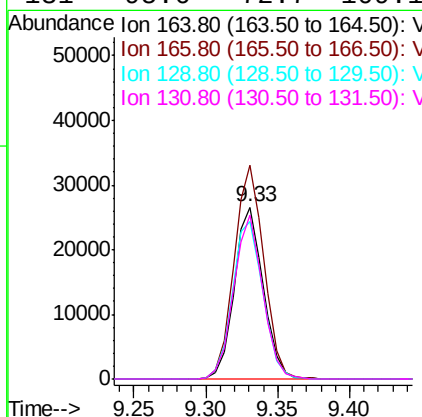
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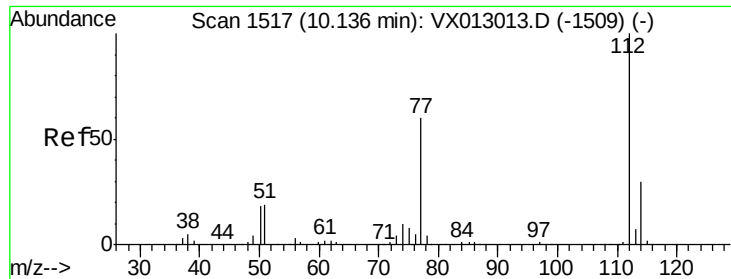
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#64
Tetrachloroethene
Concen: 35.678 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	96.9	145.3
129	91.8	77.9	116.9
131	95.6	72.7	109.1





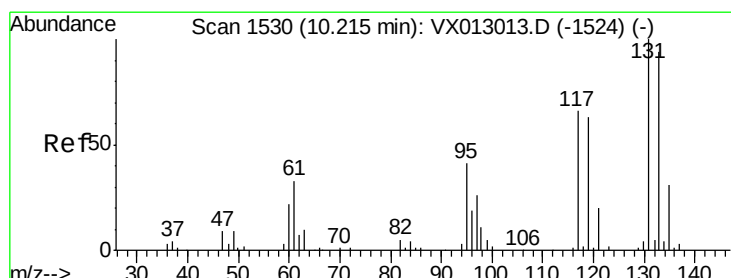
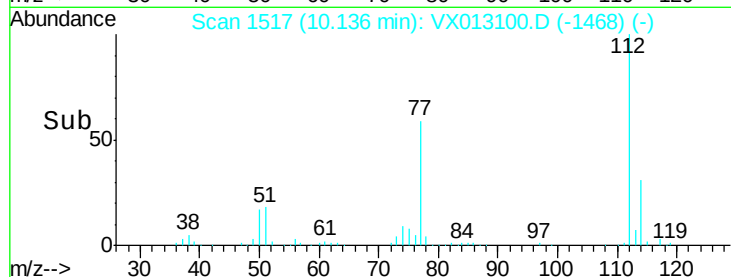
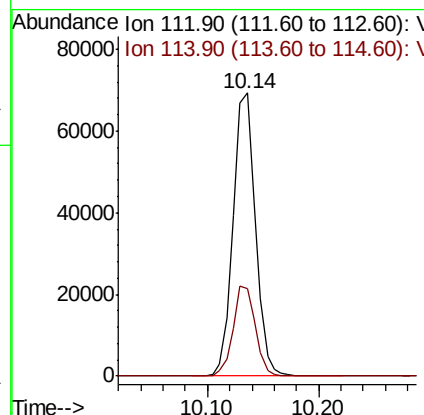
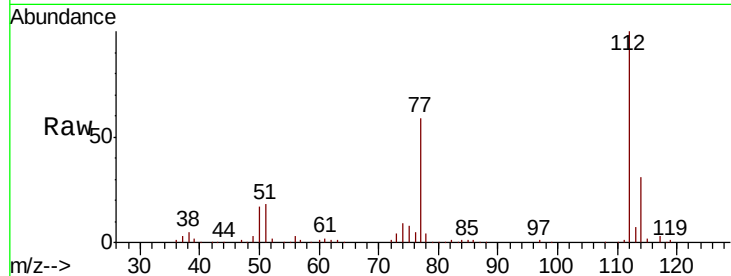
#65
Chlorobenzene
Concen: 32.405 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:112 Resp: 96524
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

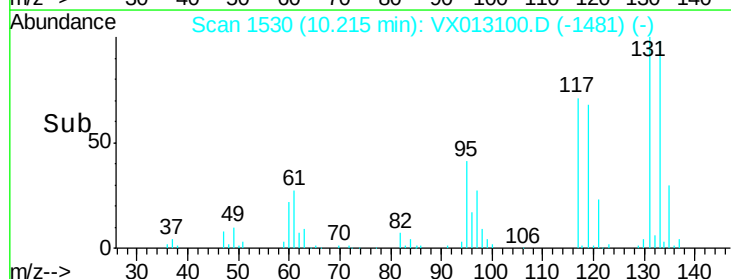
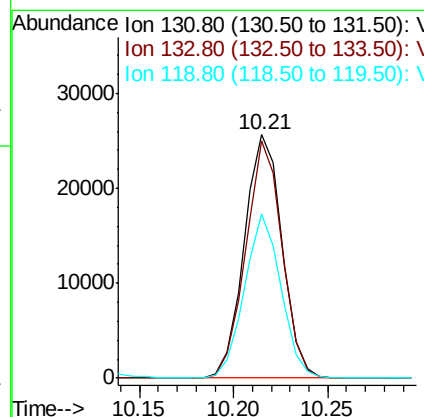
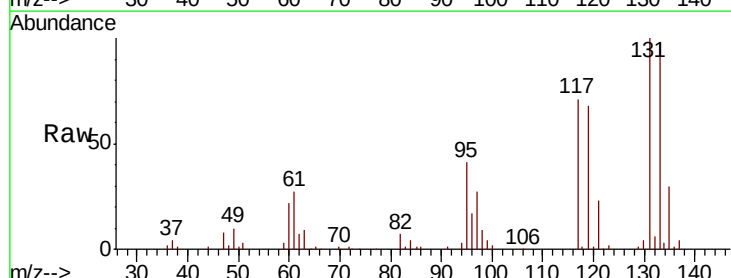
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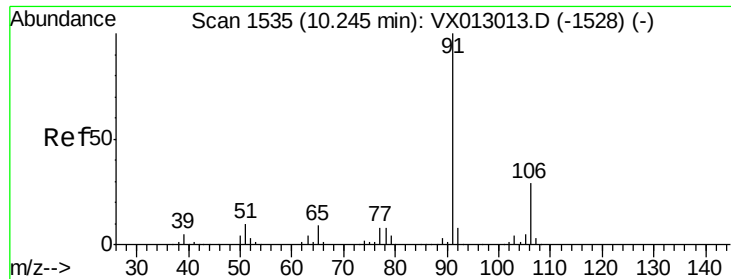
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#66
1,1,1,2-Tetrachloroethane
Concen: 34.388 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion:131 Resp: 35515
Ion Ratio Lower Upper
131 100
133 94.0 47.2 141.6
119 65.2 32.6 98.0





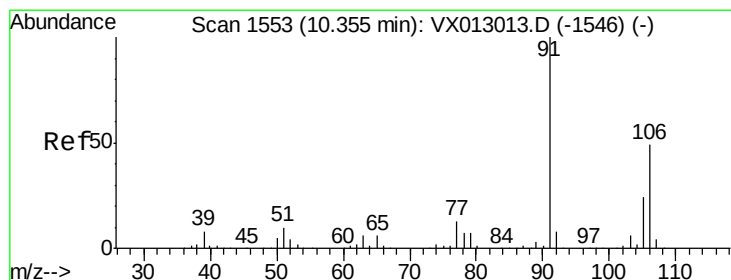
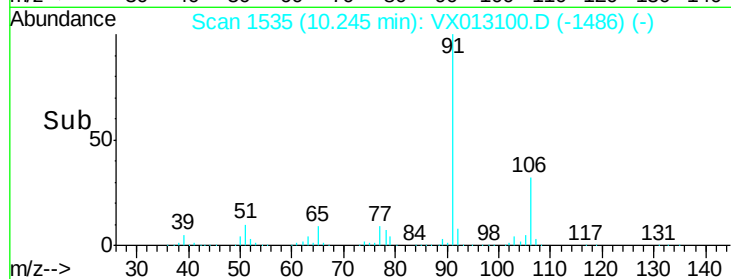
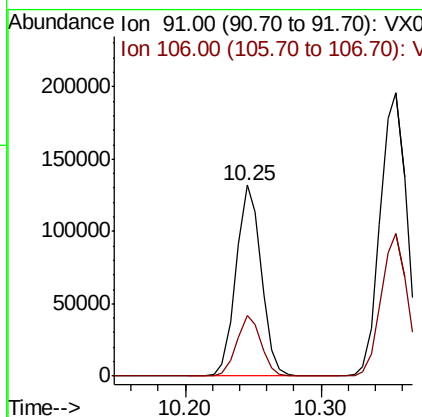
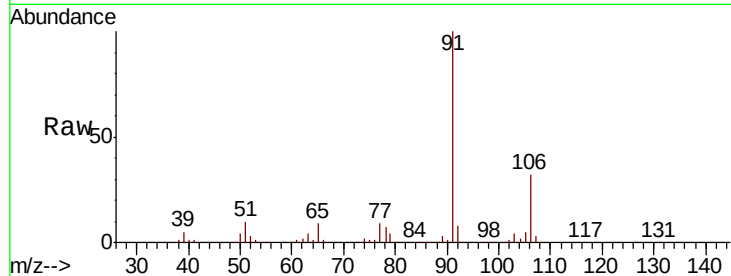
#67
Ethyl Benzene
Concen: 32.272 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 91 Resp: 170751
Ion Ratio Lower Upper
91 100
106 31.9 23.9 35.9

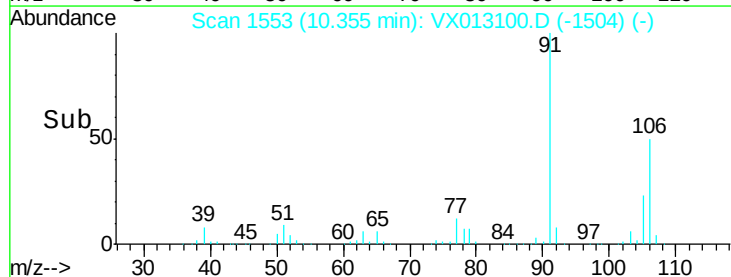
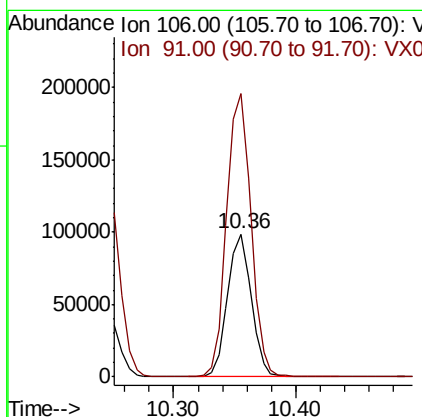
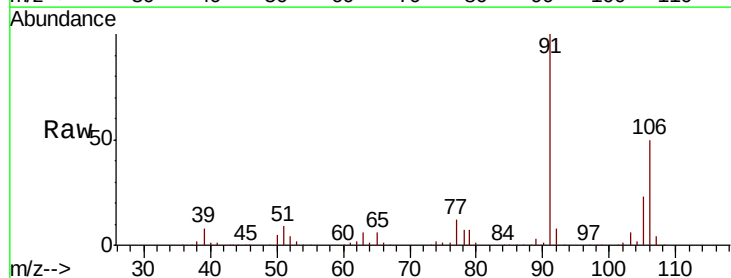
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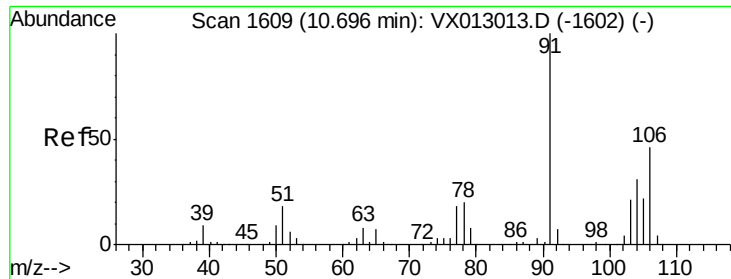
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#68
m/p-Xylenes
Concen: 66.985 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion: 106 Resp: 132404
Ion Ratio Lower Upper
106 100
91 203.3 165.3 247.9





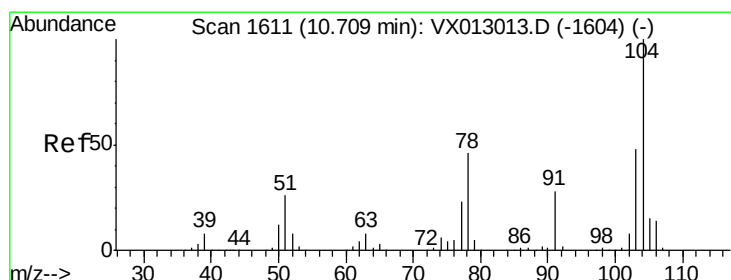
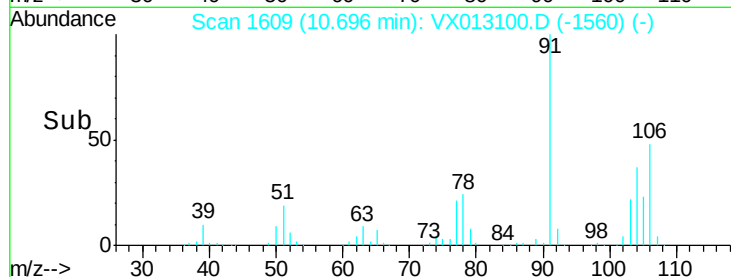
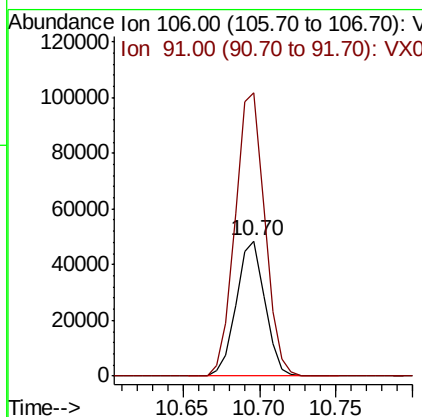
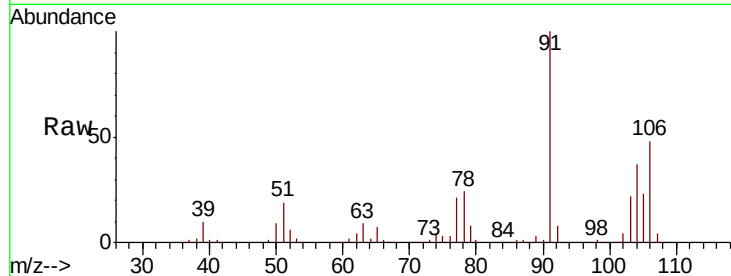
#69
o-Xylene
Concen: 32.712 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 63055
Ion Ratio Lower Upper
106 100
91 217.1 109.1 327.3

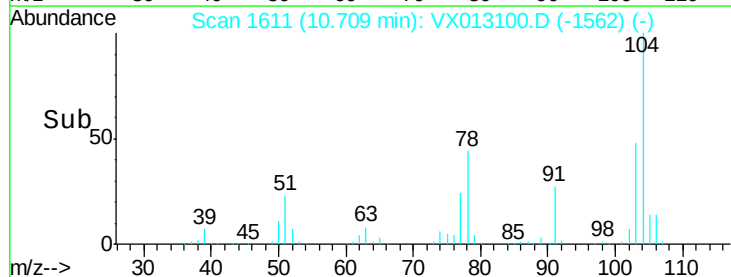
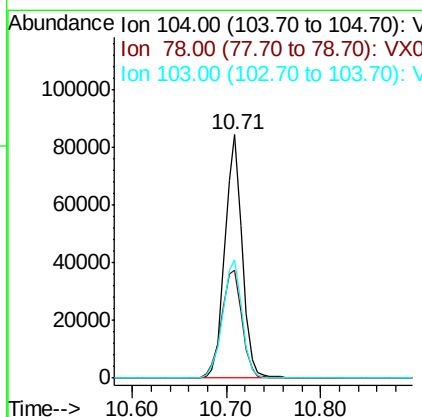
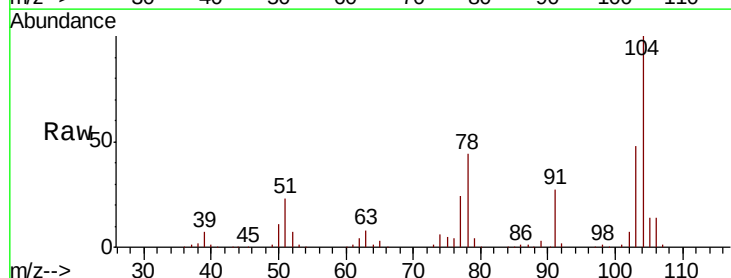
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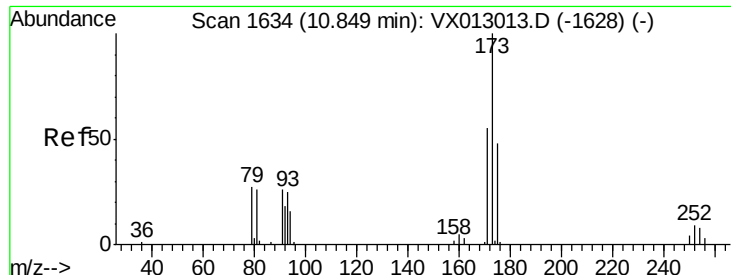
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#70
Styrene
Concen: 32.743 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion:104 Resp: 107296
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 54.3 43.0 64.4





#71

Bromoform

Concen: 29.652 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:173 Resp: 24892

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

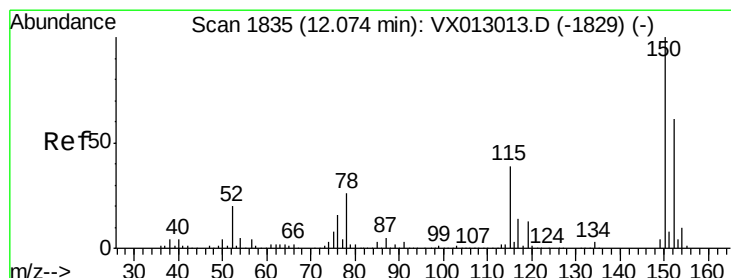
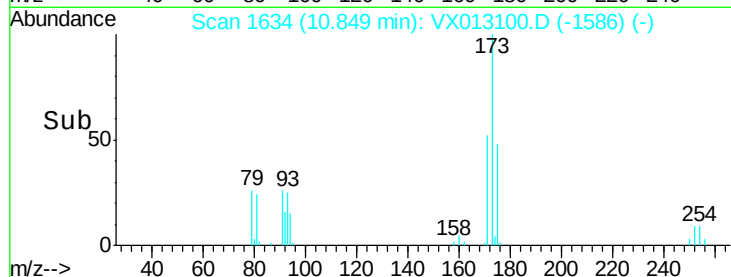
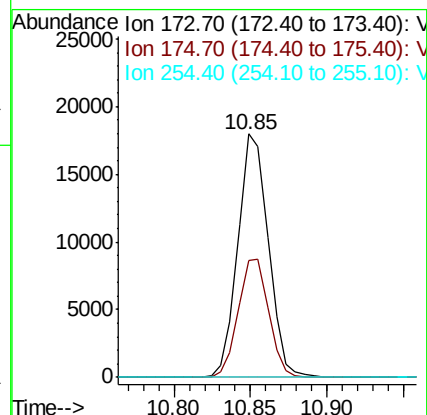
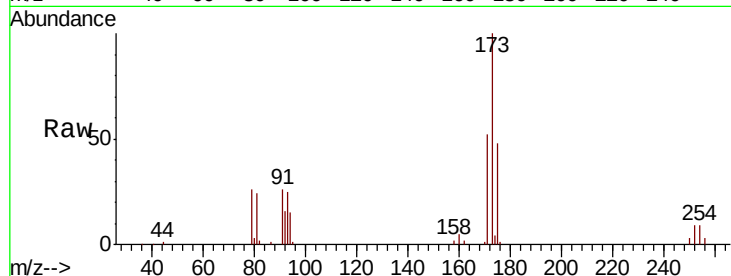
254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

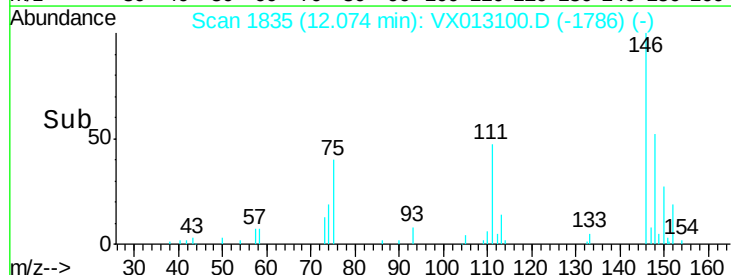
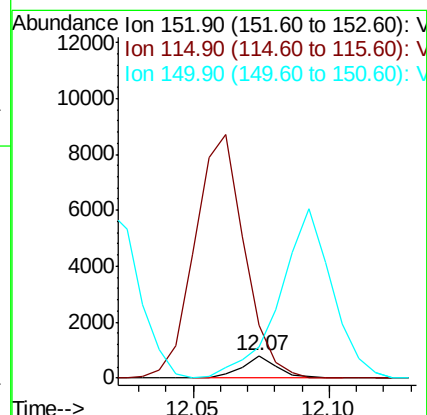
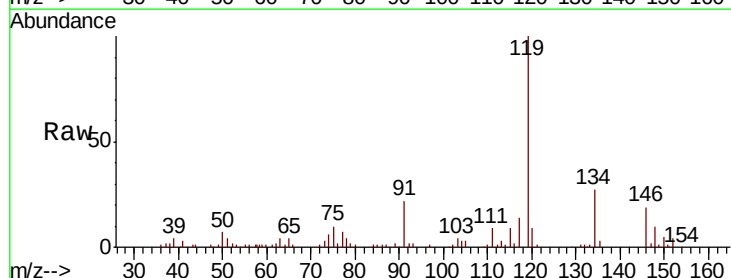
Tgt Ion:152 Resp: 688

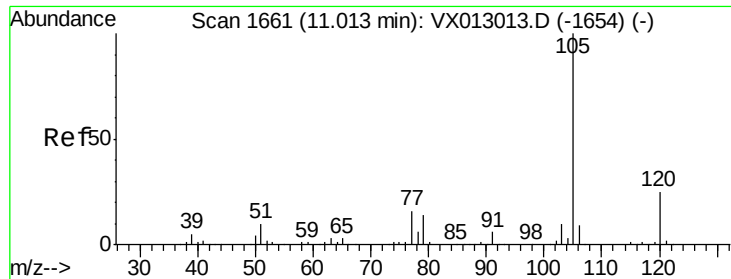
Ion Ratio Lower Upper

152 100

115 1605.7 44.5 133.5#

150 0.0 0.0 353.4





#73

Isopropylbenzene

Concen: 3396.132 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 171787

Ion Ratio Lower Upper

105 100

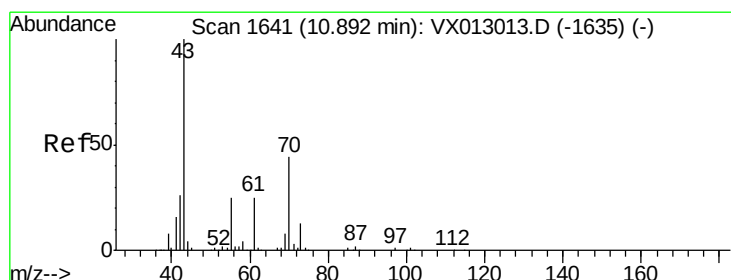
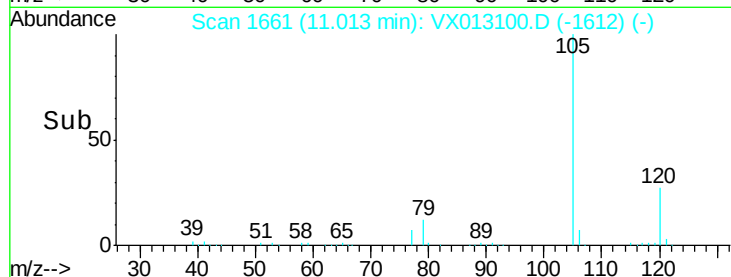
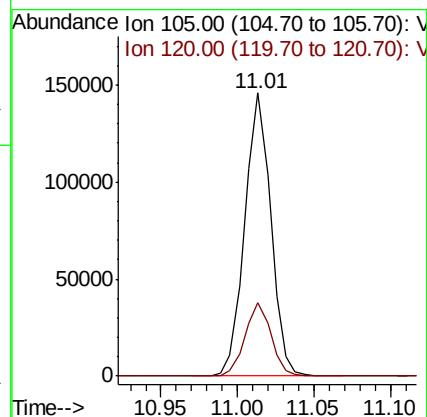
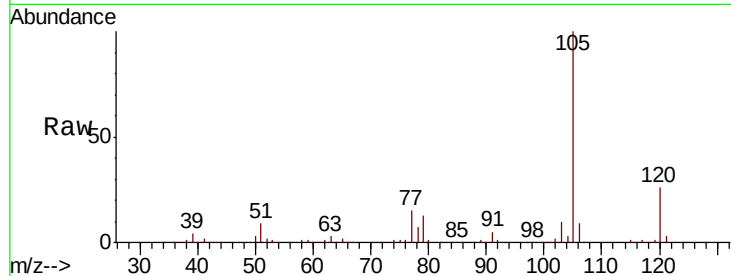
120 26.1 13.0 39.0

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#74

N-ethyl acetate

Concen: 3141.841 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion: 43 Resp: 68445

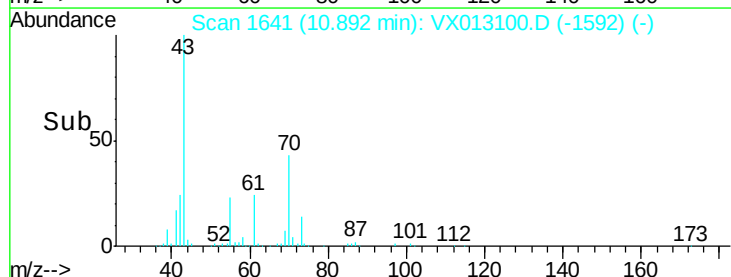
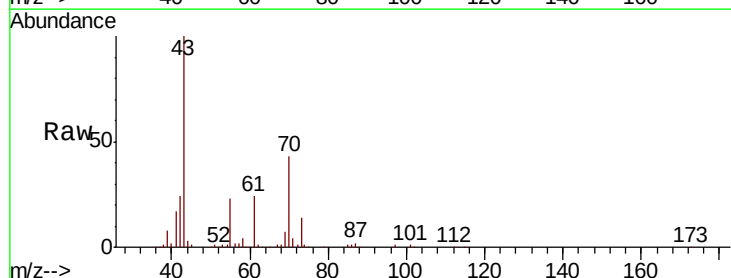
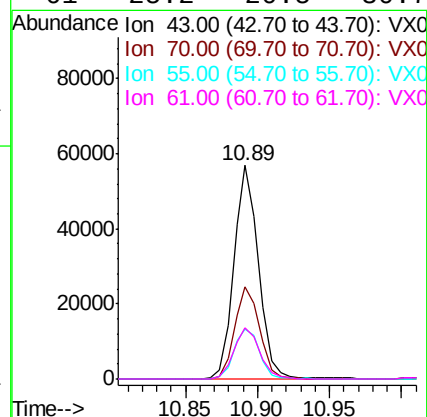
Ion Ratio Lower Upper

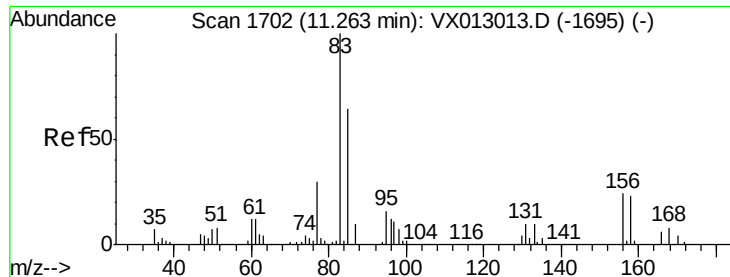
43 100

70 44.1 36.4 54.6

55 24.8 20.2 30.2

61 25.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 3282.045 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

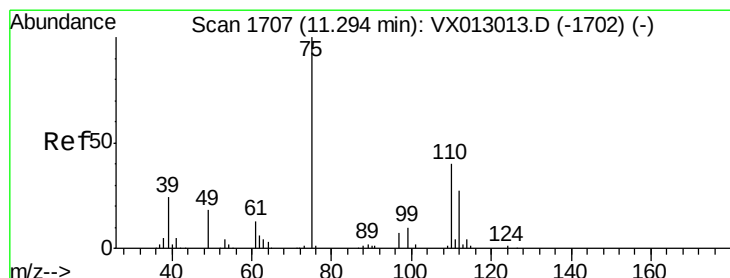
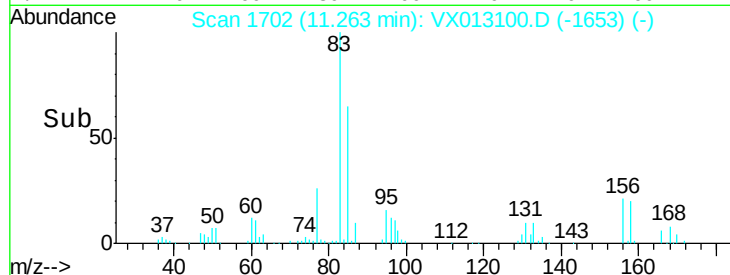
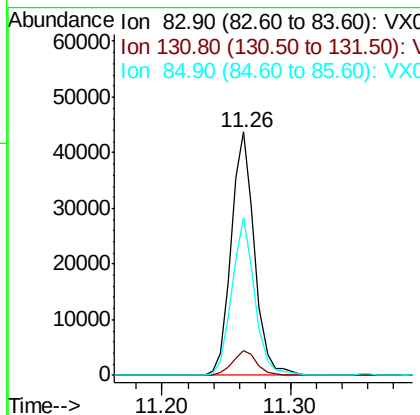
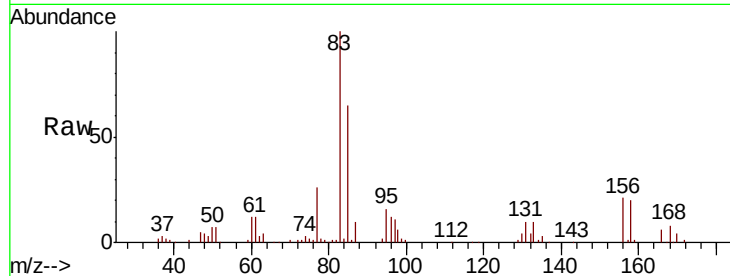
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	55217
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	63.6	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 3603.462 ug/l m

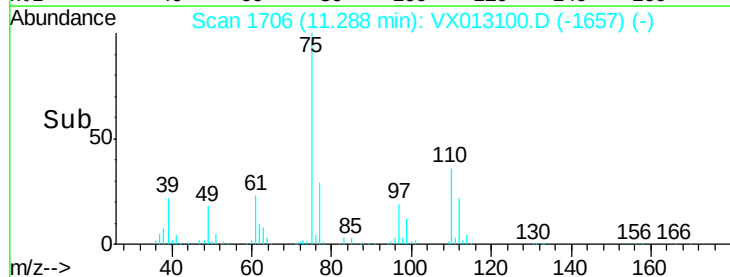
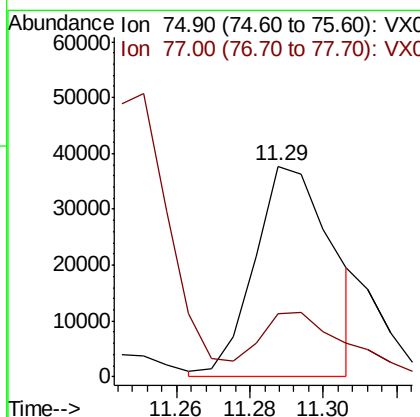
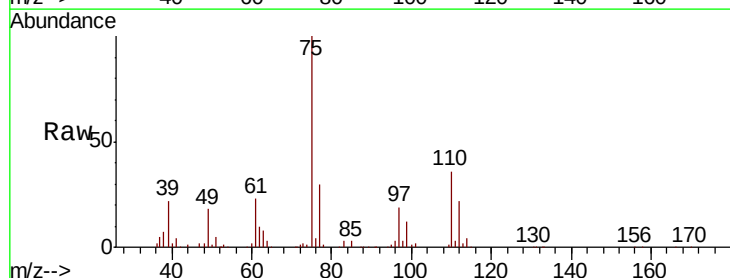
RT: 11.29 min Scan# 1706

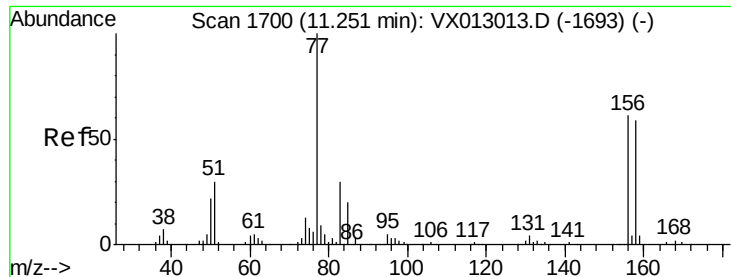
Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	75	Resp:	54988
Ion	Ratio	Lower	Upper
75	100		
77	34.2	22.9	68.8





#77

Bromobenzene

Concen: 3368.941 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

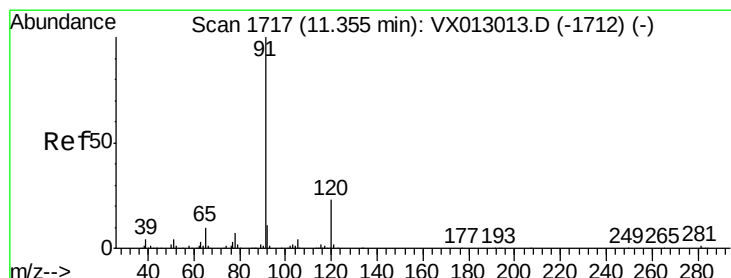
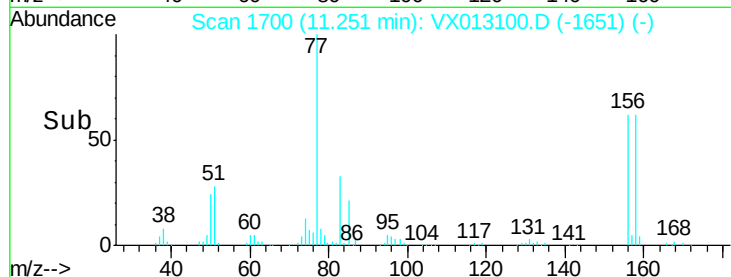
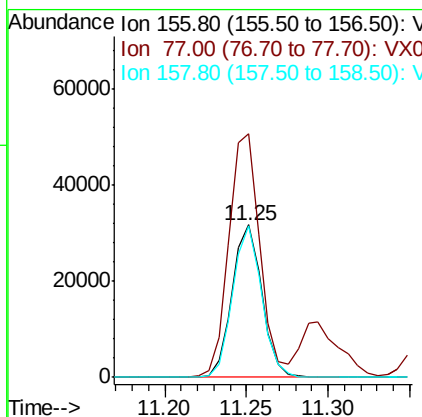
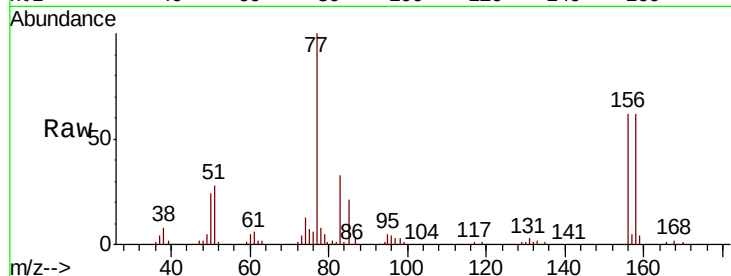
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.7	83.7	251.0
158	96.6	48.6	145.9

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#78

n-propylbenzene

Concen: 3358.955 ug/l

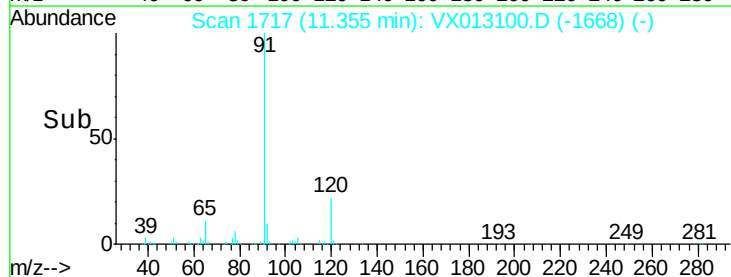
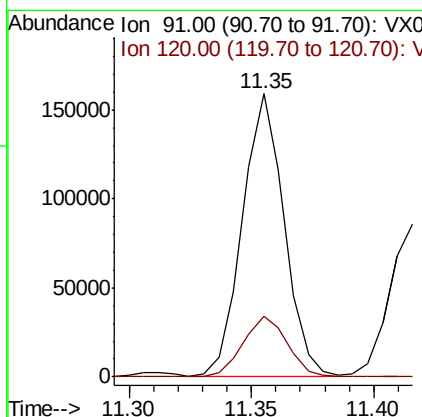
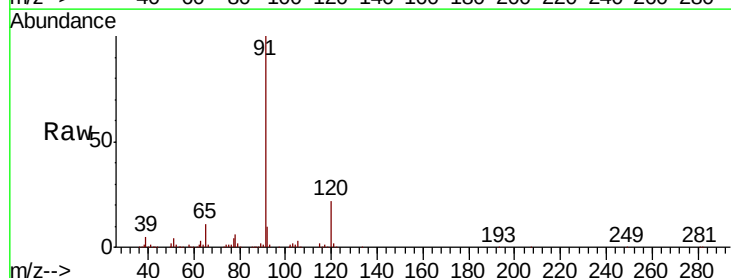
RT: 11.35 min Scan# 1717

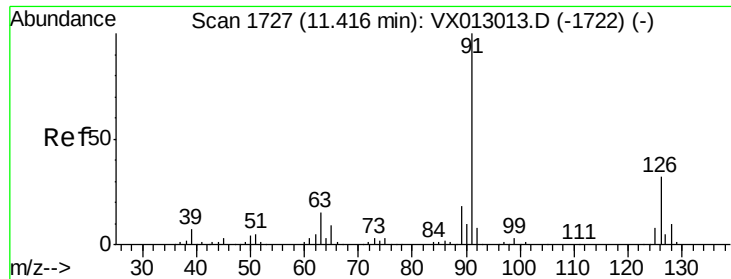
Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.7	35.1





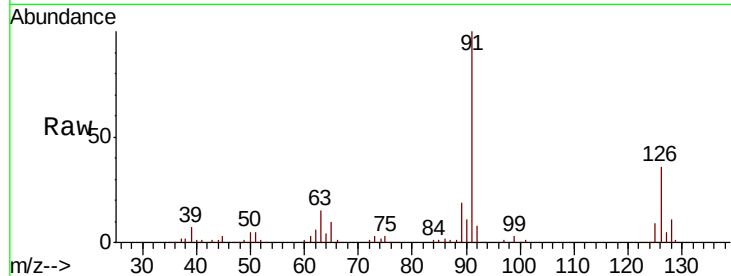
#79
 2-Chlorotoluene
 Concen: 3098.979 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

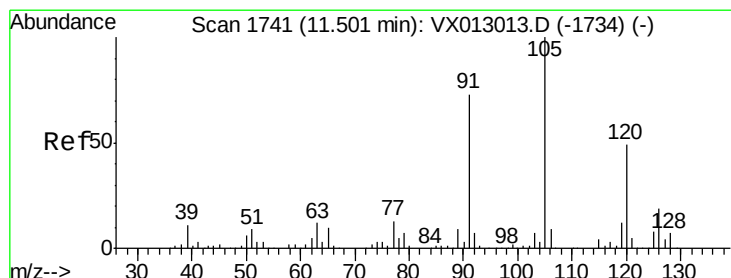
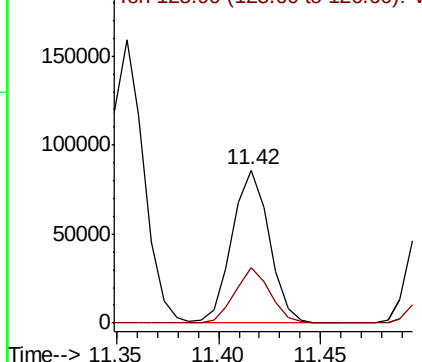
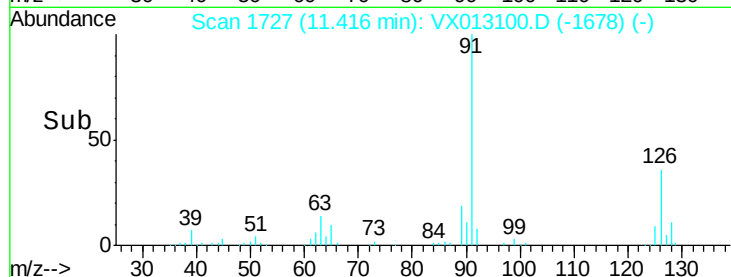
Tot Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.3	48.8

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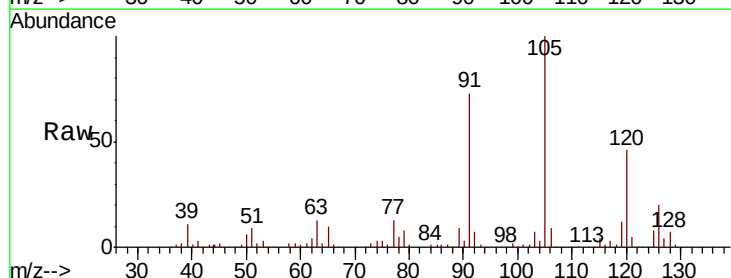


Abundance Ion 91.00 (90.70 to 91.70): VX013100.D (-1678) (-)

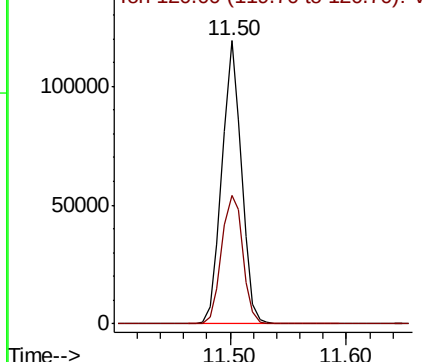
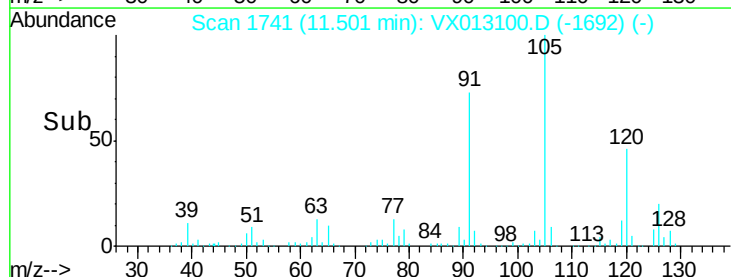


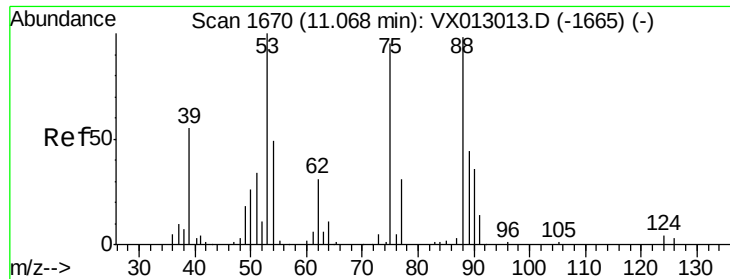
#80
 1,3,5-Trimethylbenzene
 Concen: 3257.311 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.8	74.3



Abundance Ion 105.00 (104.70 to 105.70): VX013100.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 2509.616 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

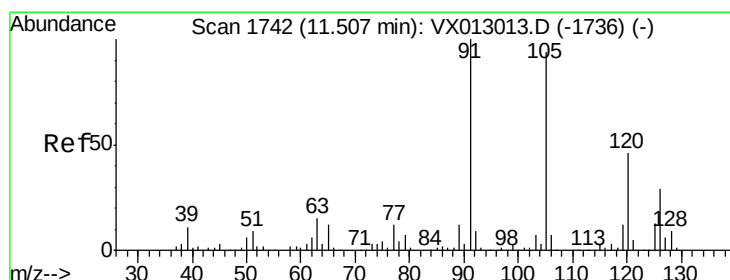
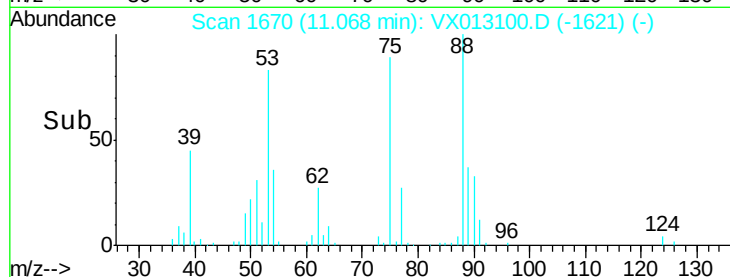
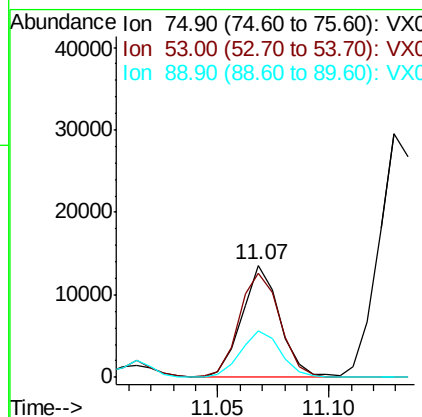
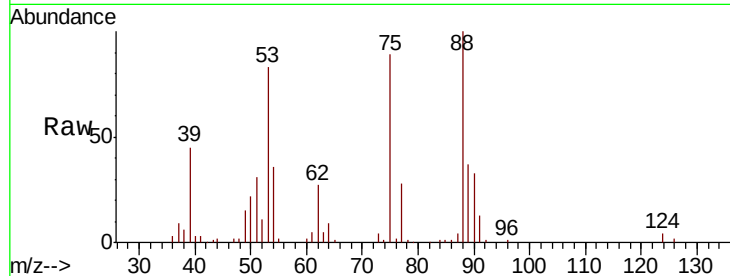
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	16191
Ion	Ratio	Lower	Upper
75	100		
53	100.2	78.5	117.7
89	43.5	37.4	56.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 3250.937 ug/l

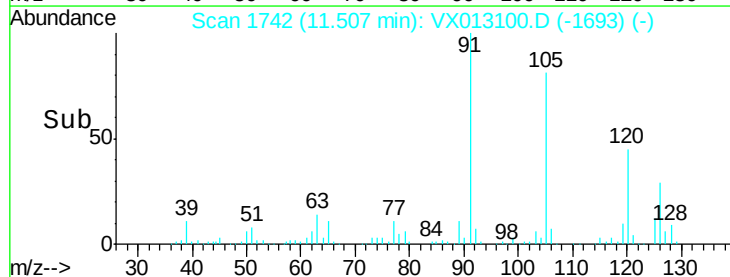
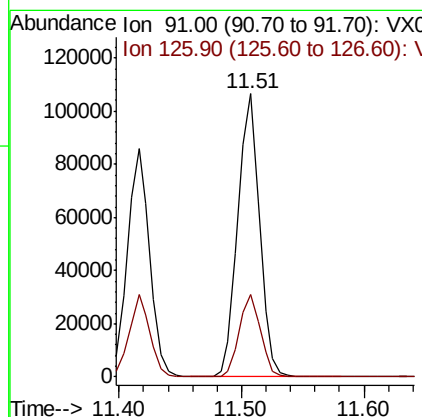
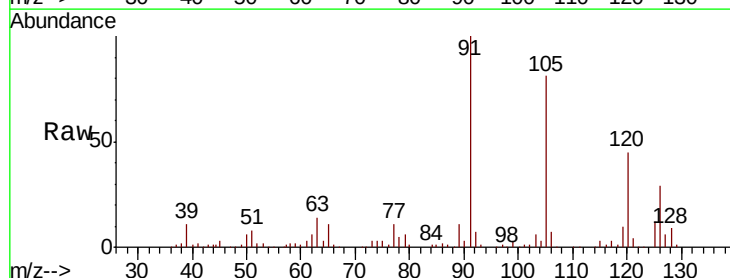
RT: 11.51 min Scan# 1742

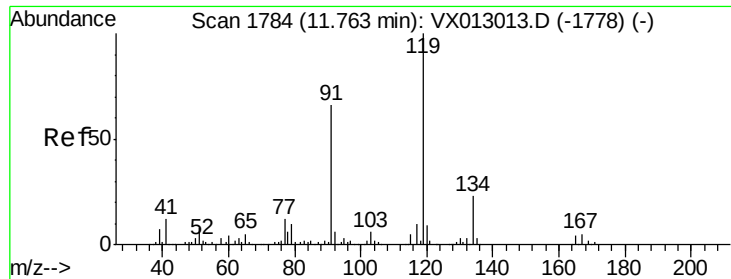
Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	91	Resp:	130345
Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6





#83

tert-Butylbenzene

Concen: 3273.798 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

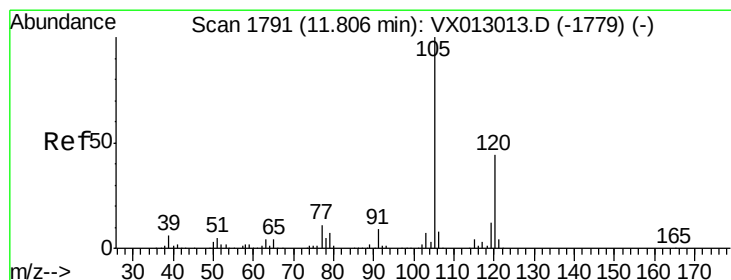
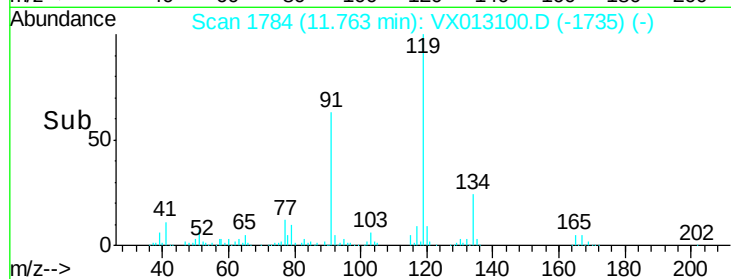
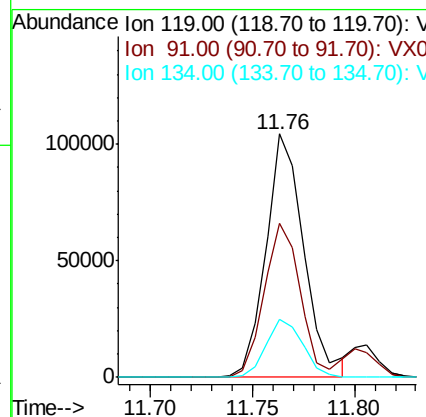
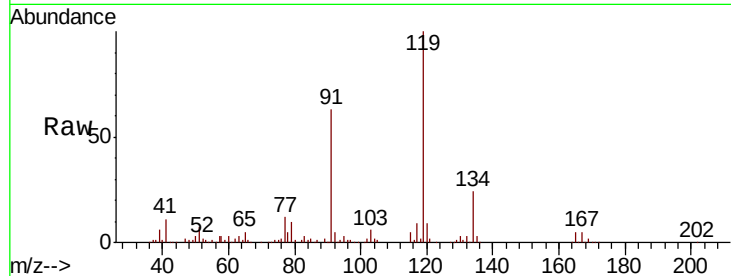
ClientSampleId :

VSTDCCC020

Tot Ion:	119	Resp:	134886
Ion Ratio	Lower	Upper	
119	100		
91	60.5	29.3	87.9
134	23.1	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 3331.919 ug/l

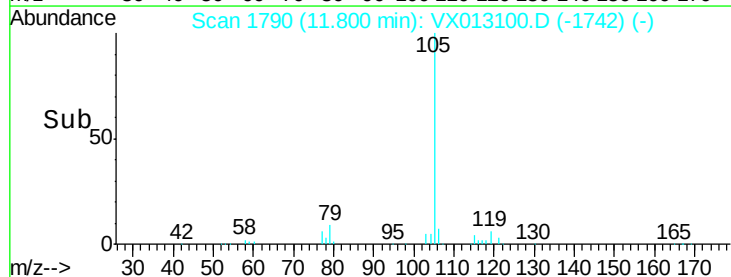
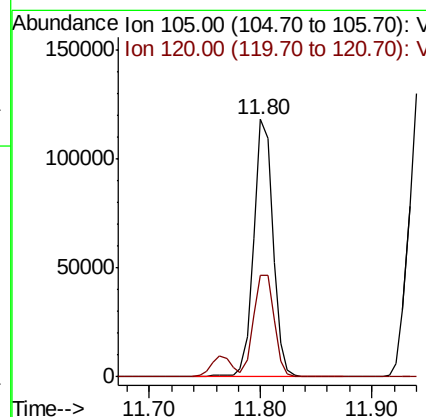
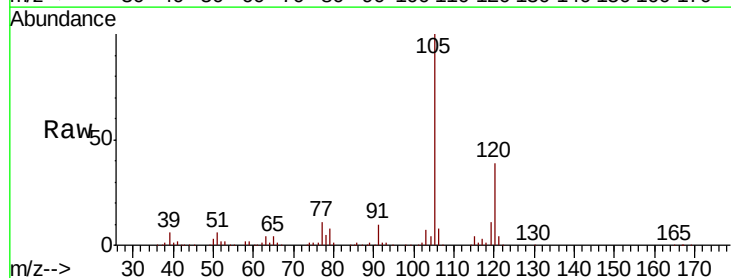
RT: 11.80 min Scan# 1790

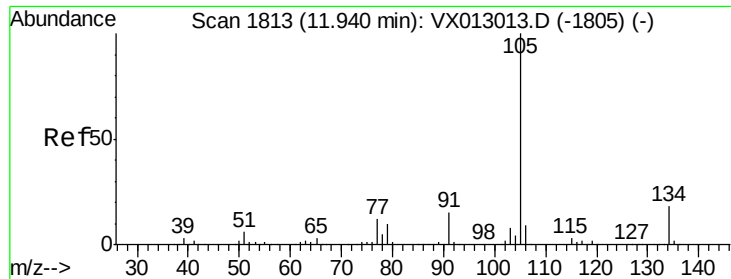
Delta R.T. -0.01 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Tgt Ion:	105	Resp:	142528
Ion Ratio	Lower	Upper	
105	100		
120	42.4	21.8	65.3





#85

sec-Butylbenzene

Concen: 3321.614 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 158554

Ion Ratio Lower Upper

105 100

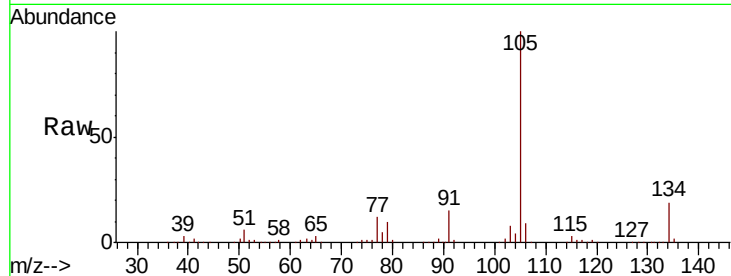
134 19.4 10.0 30.0

Manual Integrations

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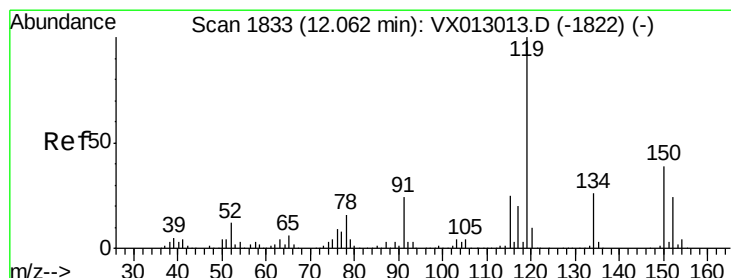
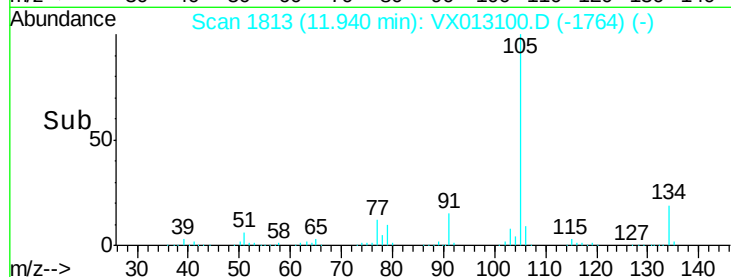
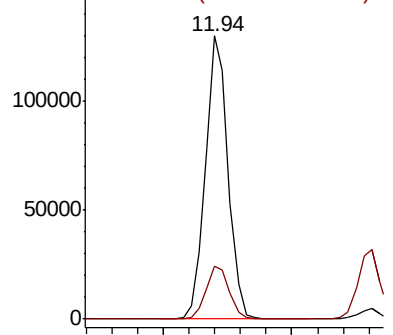
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3252.965 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013100.D

Acq: 17 Oct 2019 12:08

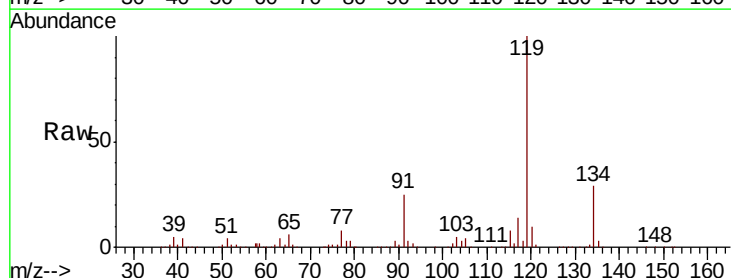
Tgt Ion:119 Resp: 144011

Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

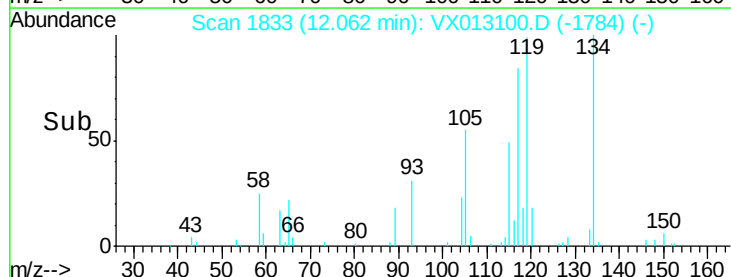
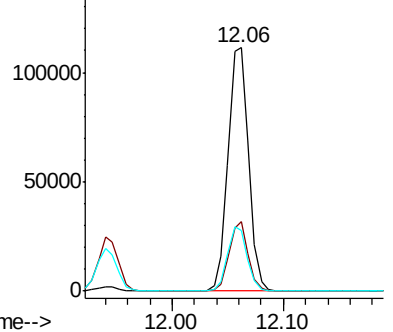
91 25.4 12.4 37.4

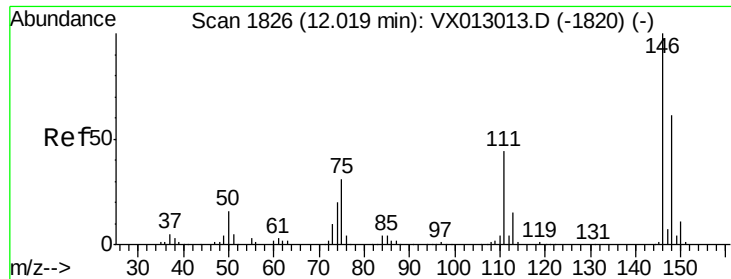


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





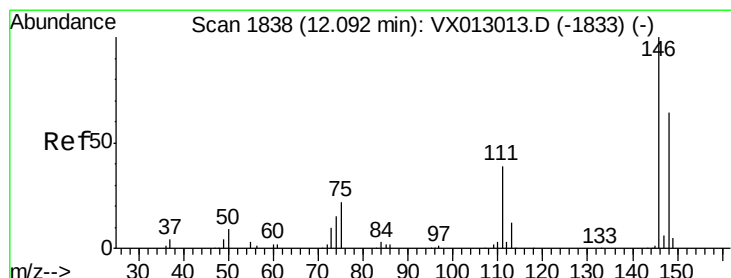
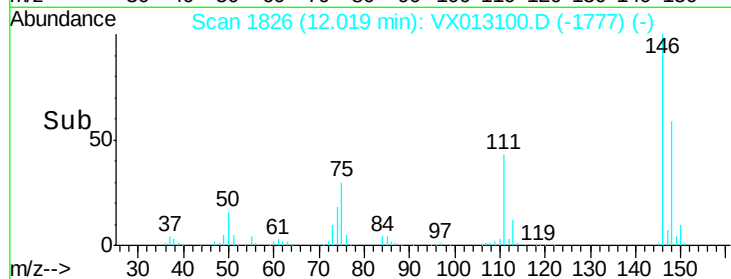
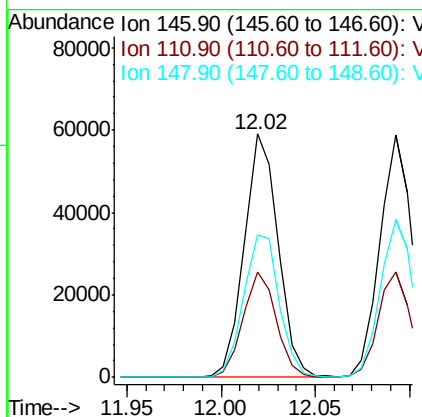
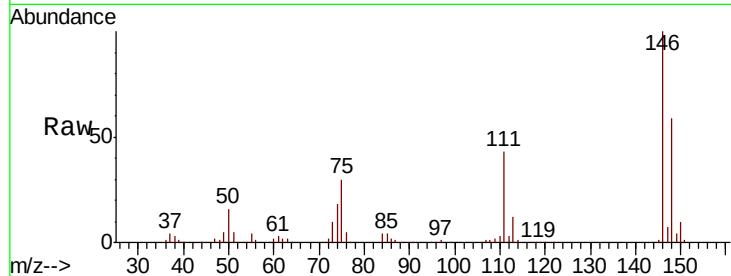
#87
 1,3-Dichlorobenzene
 Concen: 3330.773 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	61.9	31.6	95.0

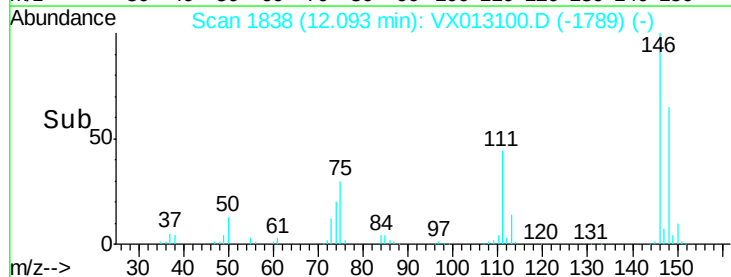
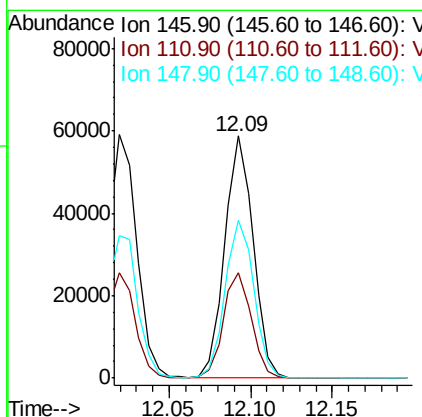
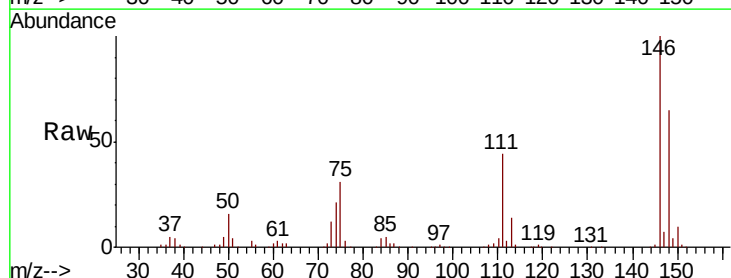
Manual Integrations
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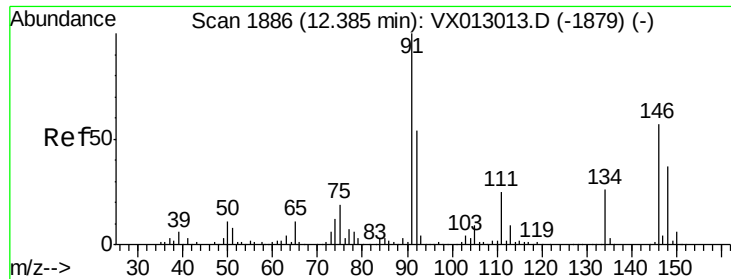
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#88
 1,4-Dichlorobenzene
 Concen: 3195.953 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	65.8	32.1	96.5





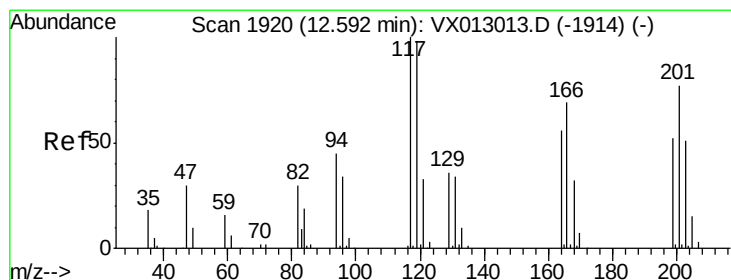
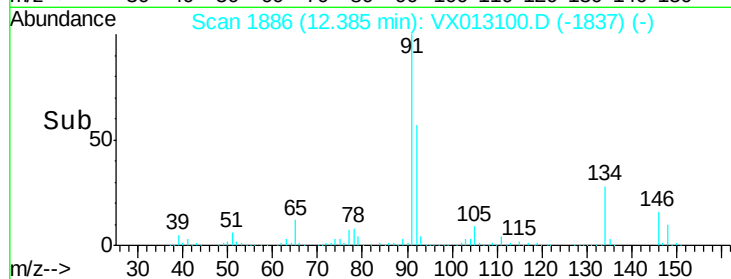
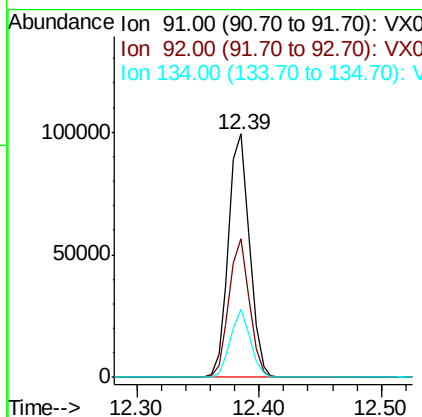
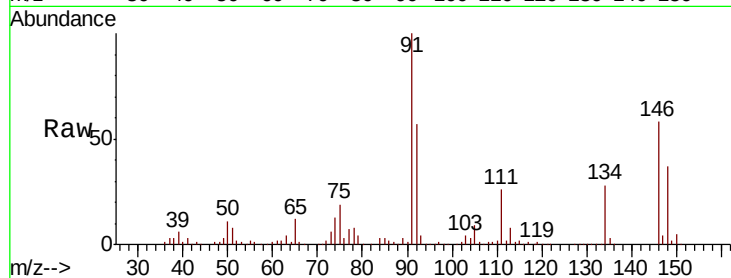
#89
n-Butylbenzene
Concen: 3178.150 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	118251		
92	55.2	27.5	82.5	
134	26.1	12.9	38.7	

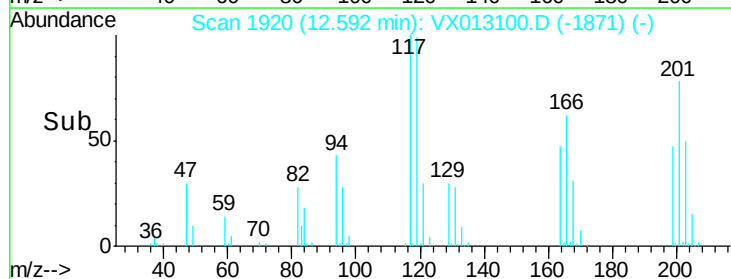
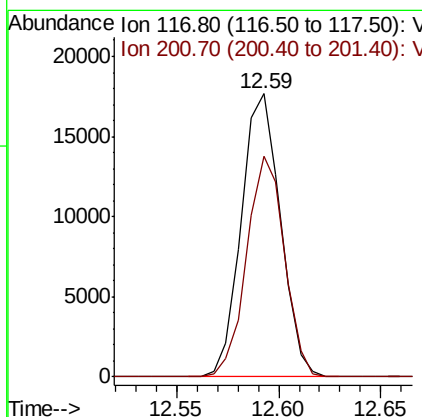
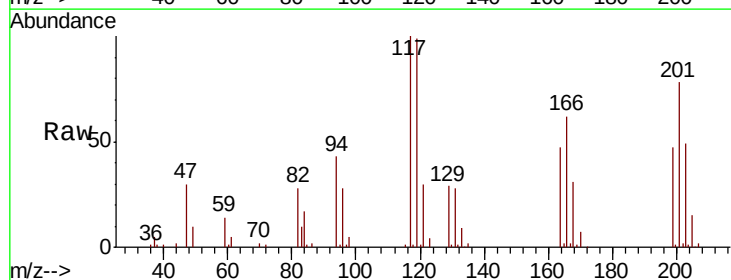
Manual Integrations
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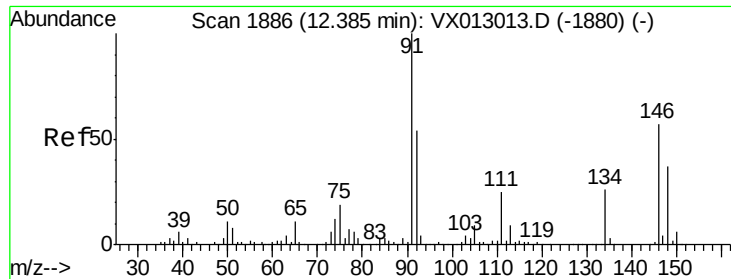
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#90
Hexachloroethane
Concen: 2745.112 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23486		
201	75.6	36.9	110.7	





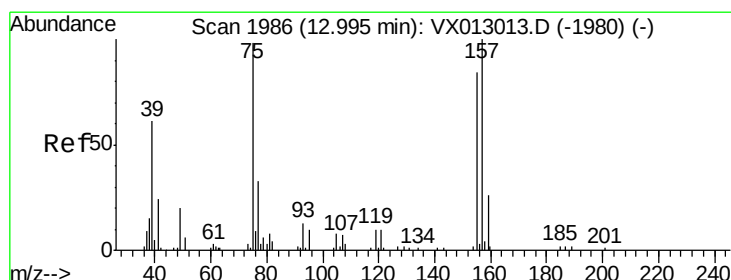
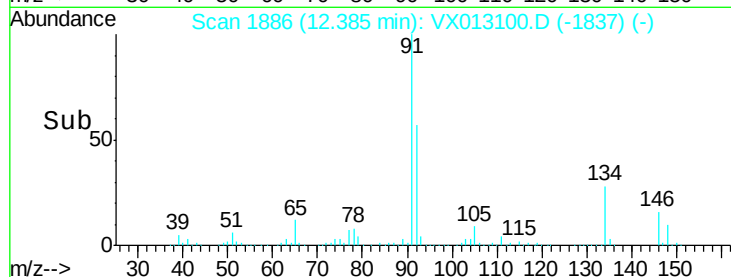
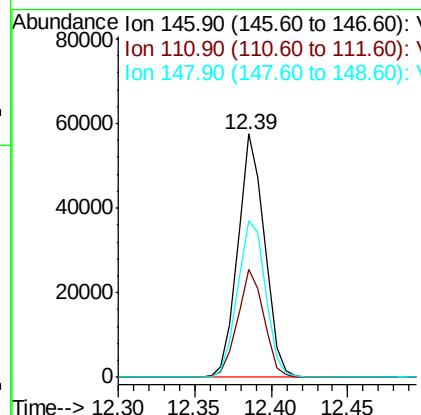
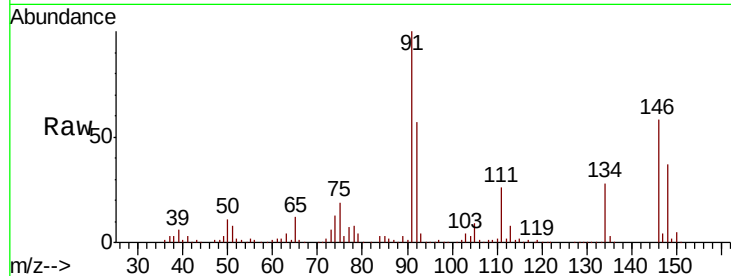
#91
 1,2-Dichlorobenzene
 Concen: 3209.584 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.7	68.0
148	67.5	31.6	94.7

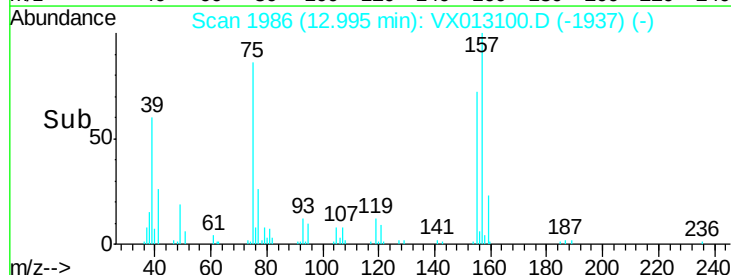
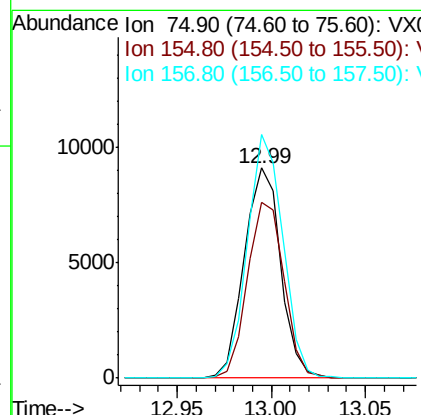
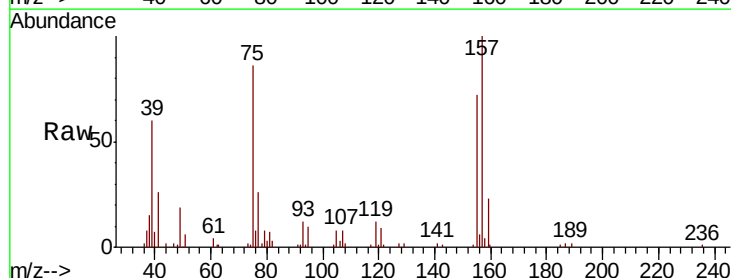
Manual Integrations
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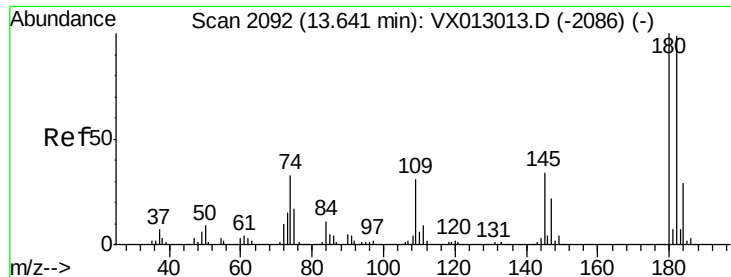
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3108.343 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	43.0	128.8
157	112.7	54.1	162.3





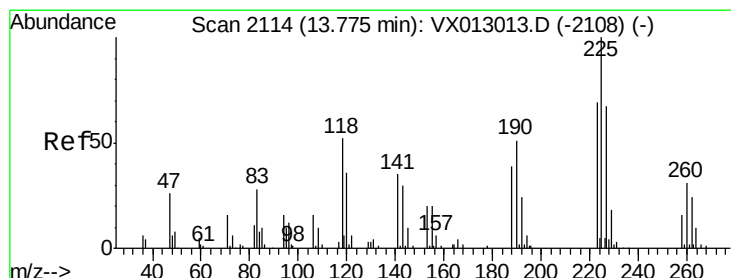
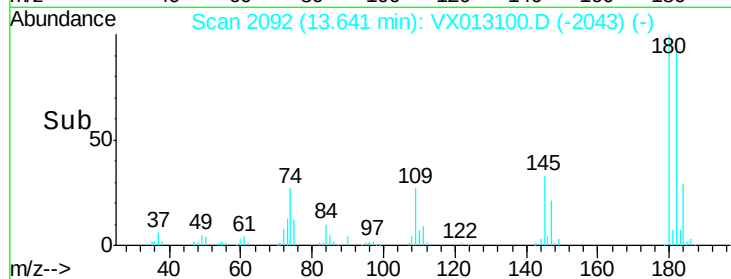
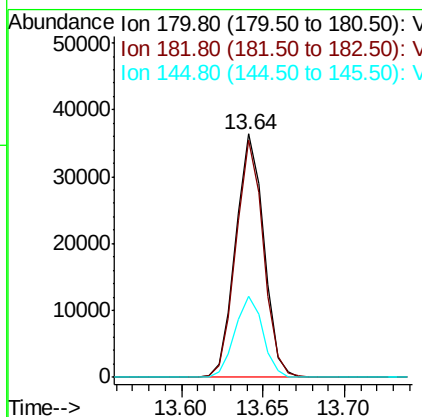
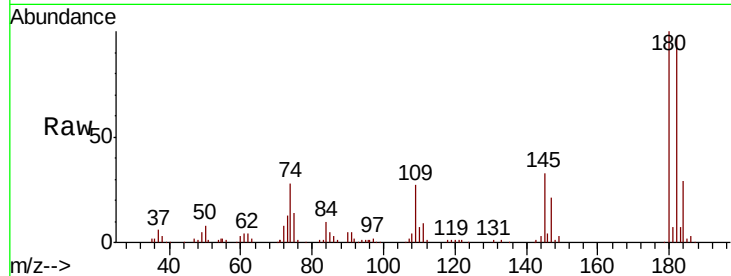
#93
 1,2,4-Trichlorobenzene
 Concen: 3226.518 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	46.8	140.4	
145	32.9	16.2	48.6	

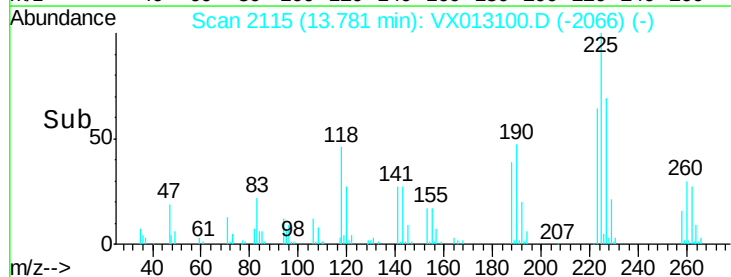
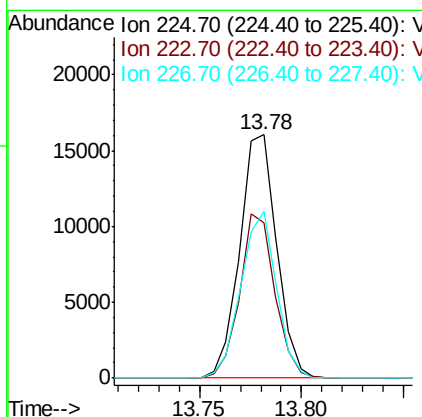
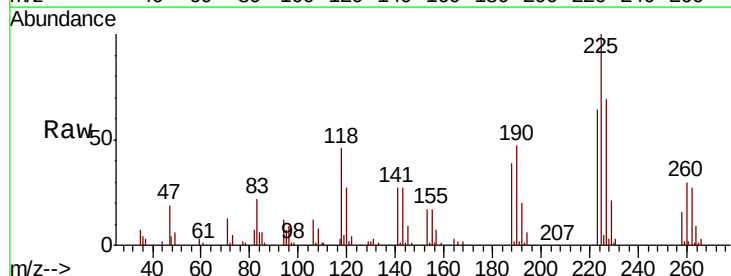
Manual Integrations
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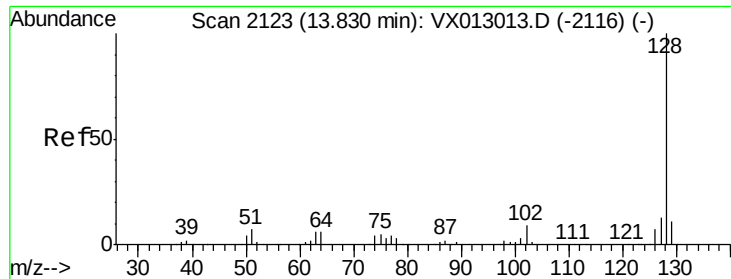
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#94
 Hexachlorobutadiene
 Concen: 3215.910 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX013100.D
 Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	31.1	93.2	
227	65.9	32.3	96.9	





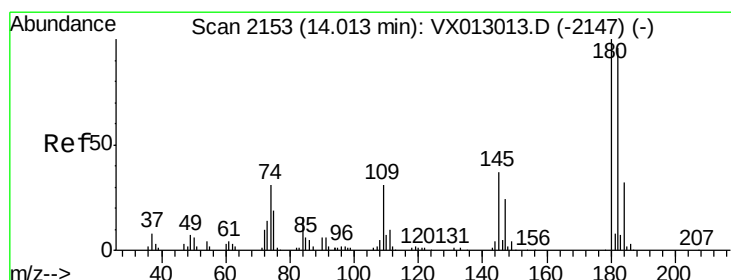
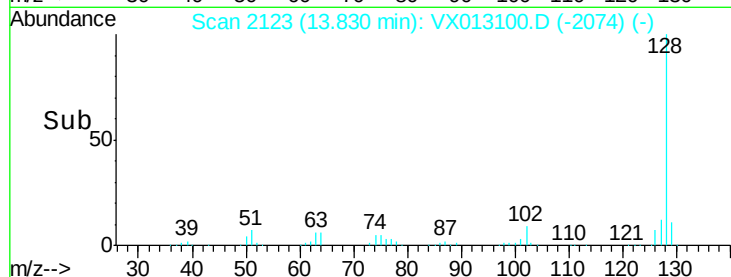
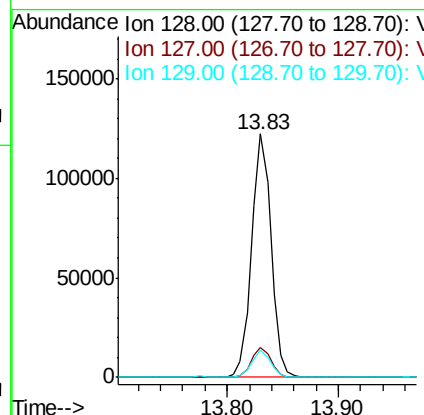
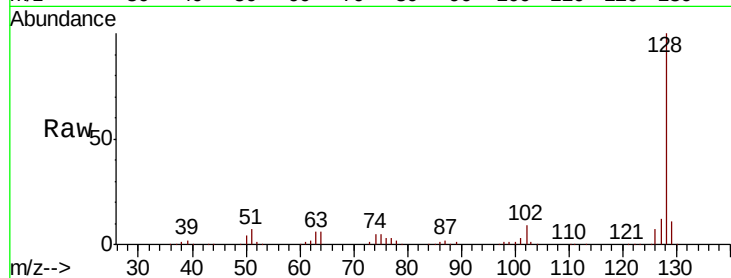
#95
Naphthalene
Concen: 3148.543 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 3179.988 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013100.D
Acq: 17 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.5	142.5
145	34.7	17.4	52.3

