

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013067.D
 Acq On : 15 Oct 2019 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 9:58:08 AM

Quant Time: Oct 16 06:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	106320	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.48	113	85696	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	8.71	98	323873	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	131525	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86698	47.931	ug/l	97
3) Chloromethane	1.32	50	89933	45.685	ug/l	97
4) Vinyl Chloride	1.40	62	91216	44.894	ug/l	99
5) Bromomethane	1.63	94	33446	39.599	ug/l	96
6) Chloroethane	1.70	64	58950	47.516	ug/l	96
7) Trichlorofluoromethane	1.92	101	140225	51.133	ug/l	97
8) Diethyl Ether	2.18	74	51785	46.783	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91366	51.478	ug/l	99
10) Methyl Iodide	2.50	142	102301	50.789	ug/l	99
11) Tert butyl alcohol	3.03	59	117869	200.475	ug/l	99
12) 1,1-Dichloroethene	2.36	96	86414	48.189	ug/l	93
13) Acrolein	2.28	56	99101	237.181	ug/l	100
14) Allyl chloride	2.72	41	149461	46.802	ug/l	99
15) Acrylonitrile	3.13	53	257477	231.086	ug/l	99
16) Acetone	2.44	43	283317	242.346	ug/l	99
17) Carbon Disulfide	2.56	76	215704	42.186	ug/l	98
18) Methyl Acetate	2.76	43	125153	45.165	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	308391	49.799	ug/l	99
20) Methylene Chloride	2.84	84	101154	47.081	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	93639	48.719	ug/l	97
22) Diisopropyl ether	3.84	45	300888	49.170	ug/l	98
23) Vinyl Acetate	3.80	43	1283072	242.884	ug/l	99
24) 1,1-Dichloroethane	3.69	63	170470	49.518	ug/l	99
25) 2-Butanone	4.65	43	379628	234.062	ug/l	98
26) 2,2-Dichloropropane	4.57	77	146794	50.708	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	109139	49.262	ug/l	98
28) Bromochloromethane	5.00	49	52219	50.763	ug/l #	13
29) Tetrahydrofuran	5.11	42	219406	219.831	ug/l	98
30) Chloroform	5.19	83	175405	49.656	ug/l	99
31) Cyclohexane	5.57	56	150465	46.742	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	153446	51.268	ug/l	98
36) 1,1-Dichloropropene	5.78	75	128592	51.025	ug/l	99
37) Ethyl Acetate	4.82	43	133633	47.421	ug/l	99
38) Carbon Tetrachloride	5.77	117	129771	52.903	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	162380	53.130	ug/l	99
40) Benzene	6.13	78	385283	51.762	ug/l	99
41) Methacrylonitrile	5.03	41	74300	47.983	ug/l	99
42) 1,2-Dichloroethane	6.18	62	138762	51.954	ug/l	99
43) Isopropyl Acetate	6.43	43	221856	49.050	ug/l	99
44) Trichloroethene	7.20	130	103540	50.163	ug/l	92
45) 1,2-Dichloropropane	7.50	63	98272	51.802	ug/l	96
46) Dibromomethane	7.65	93	67154	53.131	ug/l	100
47) Bromodichloromethane	7.89	83	133020	53.929	ug/l	97
48) Methyl methacrylate	7.76	41	108536	49.242	ug/l	100
49) 1,4-Dioxane	7.73	88	51560	876.201	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	679862	241.086	ug/l	99
52) Toluene	8.78	92	248239	52.130	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	147659	48.057	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163743	53.975	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102170	54.216	ug/l	98
56) Ethyl methacrylate	9.17	69	158729	47.146	ug/l	99
57) 1,3-Dichloropropane	9.36	76	166932	51.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	343802	248.341	ug/l	99
59) 2-Hexanone	9.48	43	551116	251.056	ug/l	100
60) Dibromochloromethane	9.57	129	103774	49.503	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103637	52.278	ug/l	99
64) Tetrachloroethene	9.33	164	99715	56.168	ug/l	97
65) Chlorobenzene	10.14	112	265615	52.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97545	55.350	ug/l	99
67) Ethyl Benzene	10.25	91	482248	53.413	ug/l	98
68) m/p-Xylenes	10.35	106	364648	108.110	ug/l	99
69) o-Xylene	10.70	106	177467	53.955	ug/l	98
70) Styrene	10.71	104	308106	55.101	ug/l	100
71) Bromoform	10.85	173	72018	48.097	ug/l #	99
73) Isopropylbenzene	11.01	105	480779	51.772	ug/l	100
74) N-amyl acetate	10.89	43	195608	48.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	150942	48.870	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145102m	51.794	ug/l	
77) Bromobenzene	11.25	156	112384	51.356	ug/l	100
78) n-propylbenzene	11.35	91	536283	52.482	ug/l	99
79) 2-Chlorotoluene	11.42	91	320626	49.926	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	393984	50.809	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49229	45.580	ug/l	97
82) 4-Chlorotoluene	11.51	91	367053	49.866	ug/l	99
83) tert-Butylbenzene	11.76	119	371000	49.047	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	399844	50.915	ug/l	96
85) sec-Butylbenzene	11.94	105	440766	50.296	ug/l	100
86) p-Isopropyltoluene	12.06	119	433310	53.314	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205670	50.611	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	204673	49.731	ug/l	99
89) n-Butylbenzene	12.39	91	368334	53.922	ug/l	99
90) Hexachloroethane	12.59	117	69839	46.548	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	207301	52.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35144	48.546	ug/l	98

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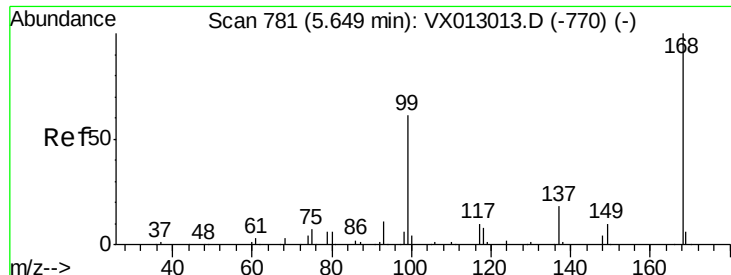
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	129967	52.078	ug/l	99
94) Hexachlorobutadiene	13.78	225	62763	54.494	ug/l	99
95) Naphthalene	13.83	128	426025	49.245	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130390	50.559	ug/l	100

(#) = 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: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 177451

Ion Ratio Lower Upper

168 100

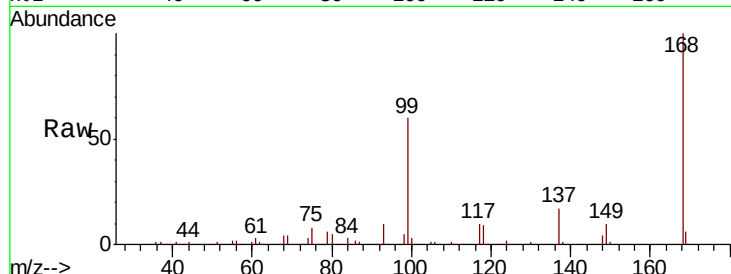
99 60.0 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

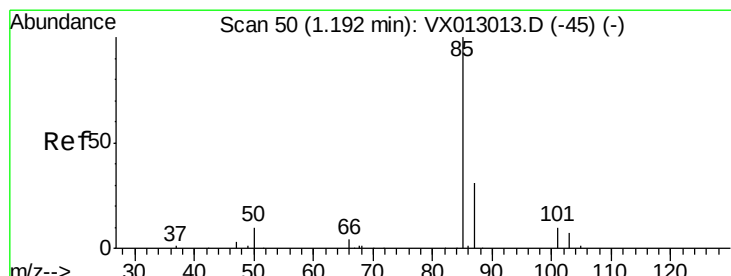
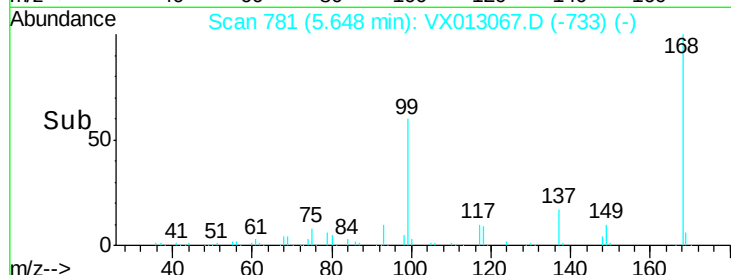
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.931 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013067.D

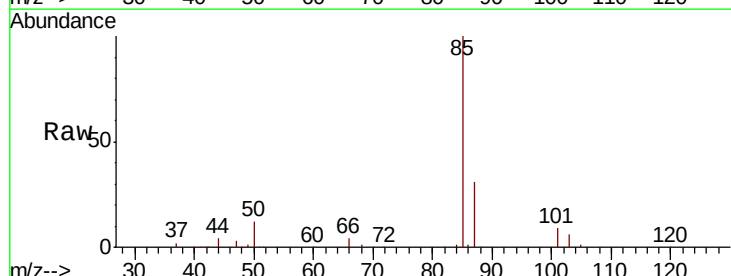
Acq: 15 Oct 2019 10:27

Tgt Ion: 85 Resp: 86698

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

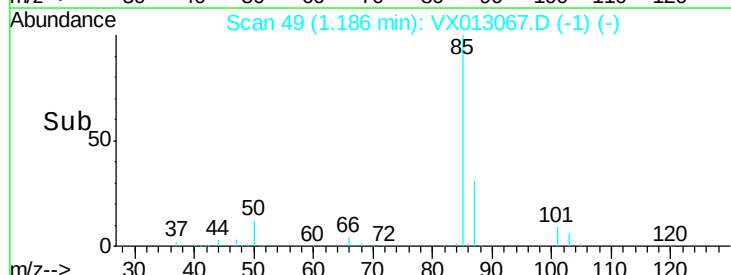
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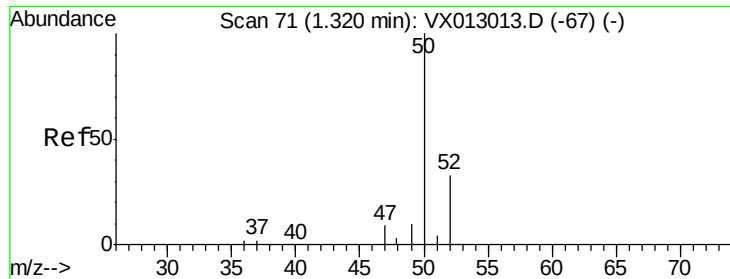
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.685 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 89933

Ion Ratio Lower Upper

50 100

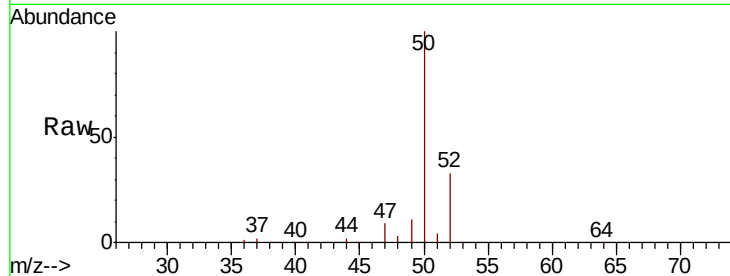
52 32.9 25.2 37.8

Manual Integrations

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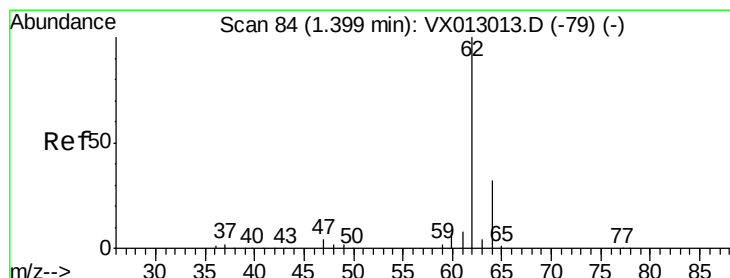
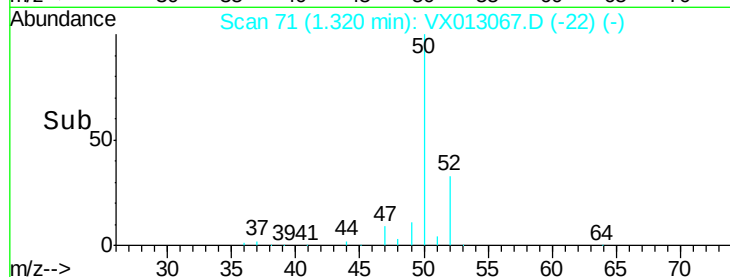
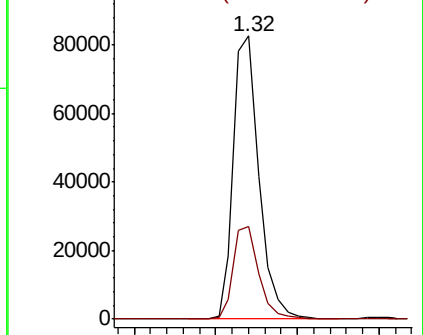
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.894 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013067.D

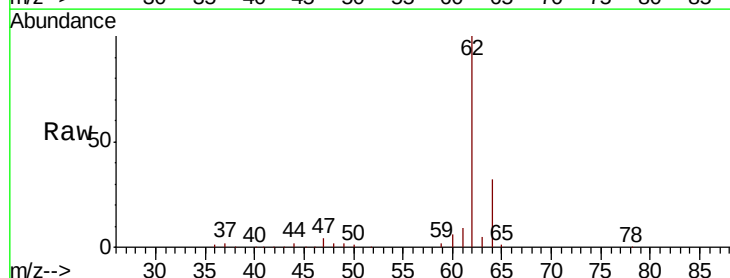
Acq: 15 Oct 2019 10:27

Tgt Ion: 62 Resp: 91216

Ion Ratio Lower Upper

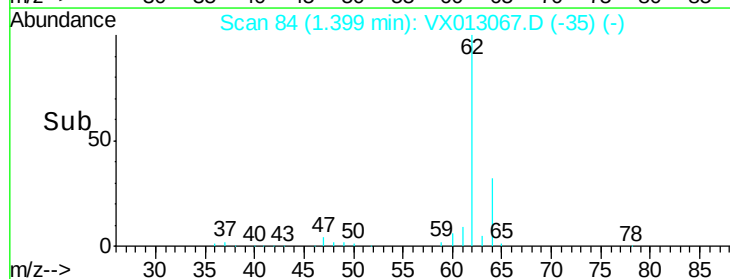
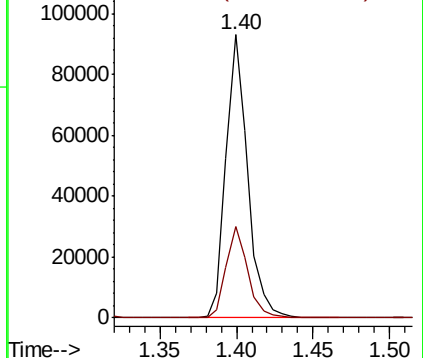
62 100

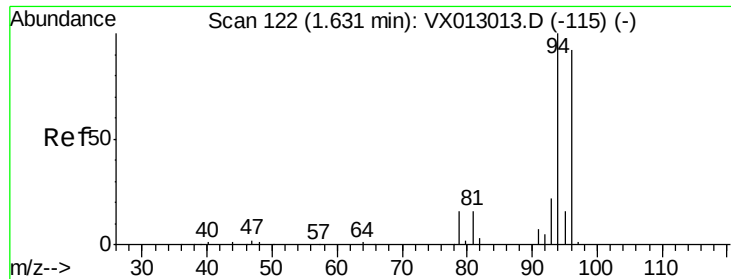
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.599 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 33446

Ion Ratio Lower Upper

94 100

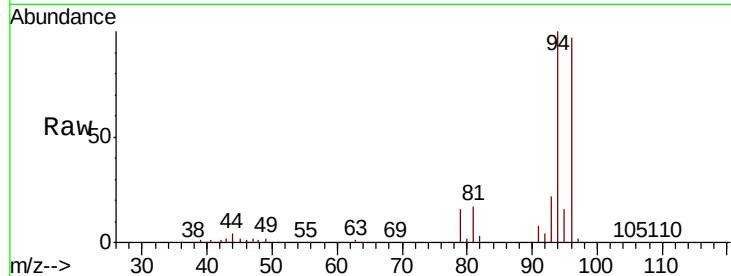
96 97.4 74.7 112.1

Manual Integrations

APPROVED

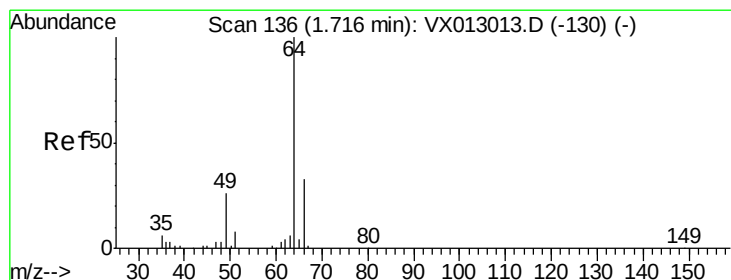
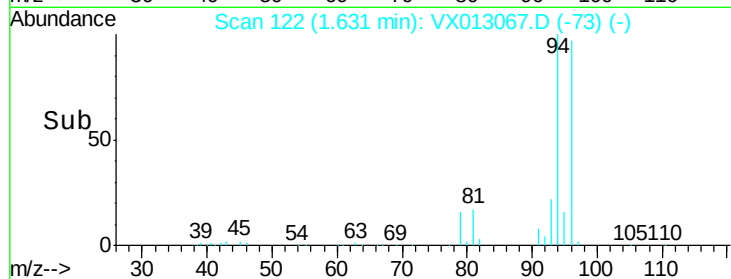
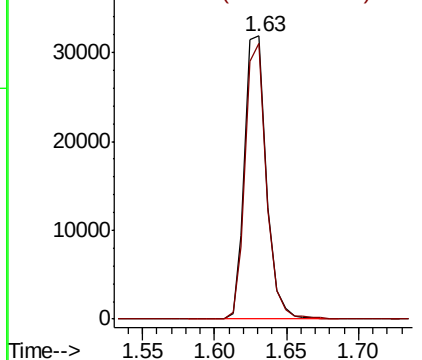
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.516 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013067.D

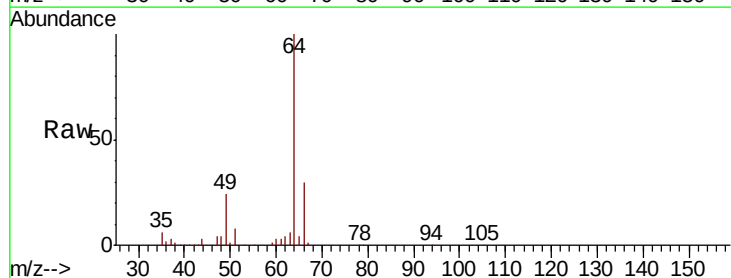
Acq: 15 Oct 2019 10:27

Tgt Ion: 64 Resp: 58950

Ion Ratio Lower Upper

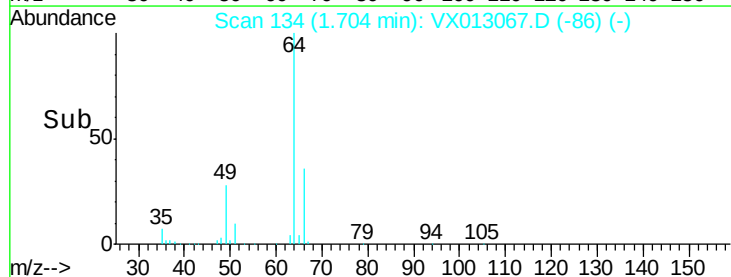
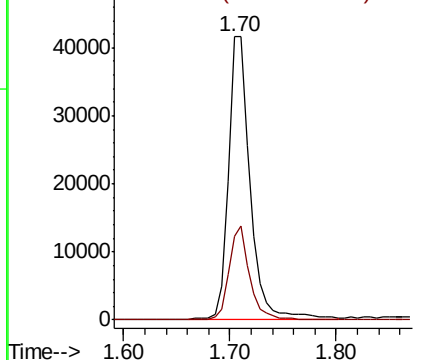
64 100

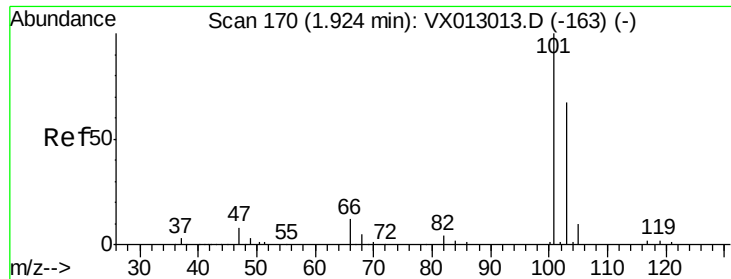
66 29.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

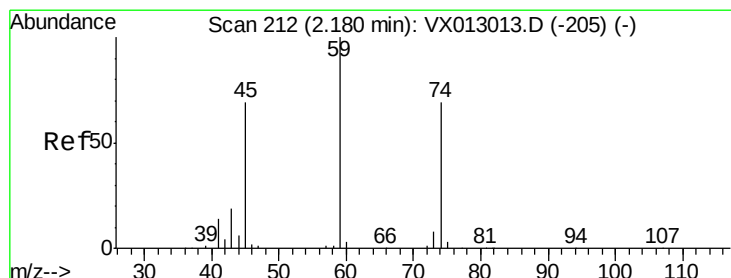
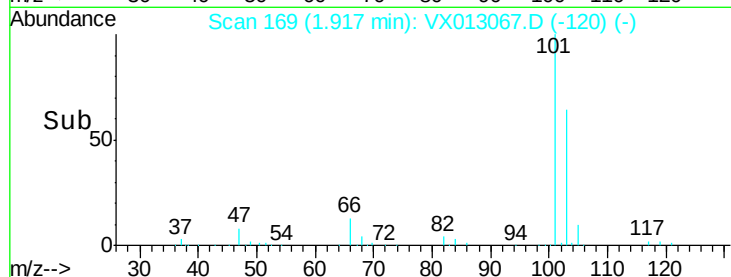
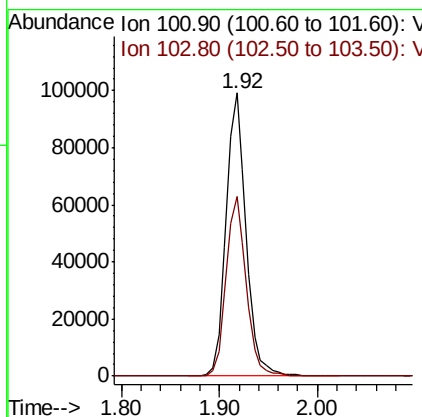
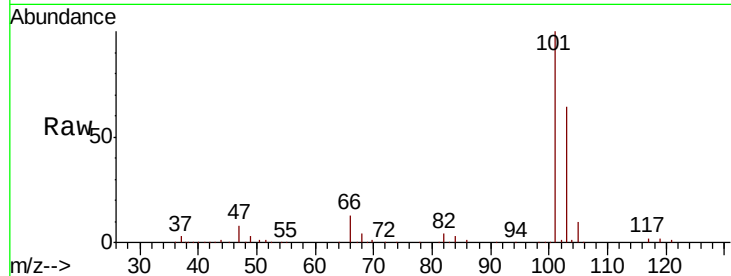
Trichlorofluoromethane
Concen: 51.133 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.5	78.7

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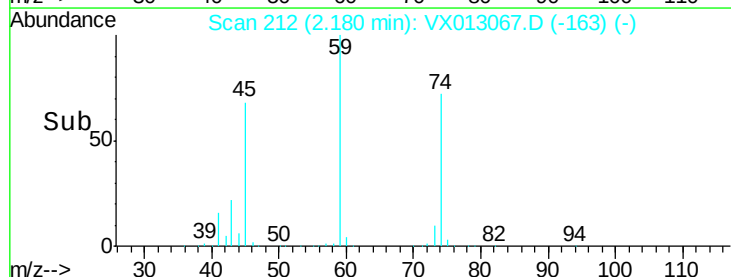
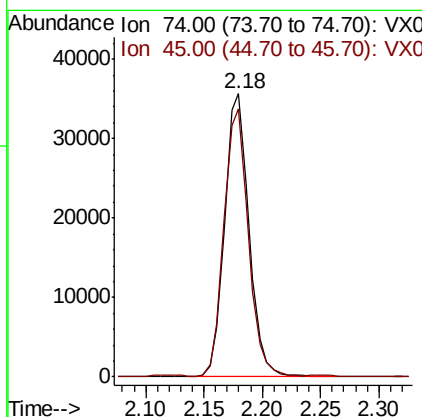
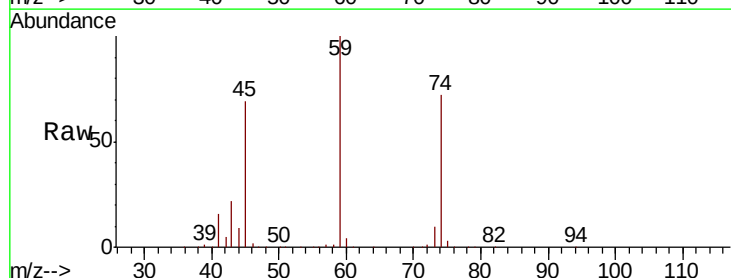
MMDadoda
10/16/2019 9:58:08 AM

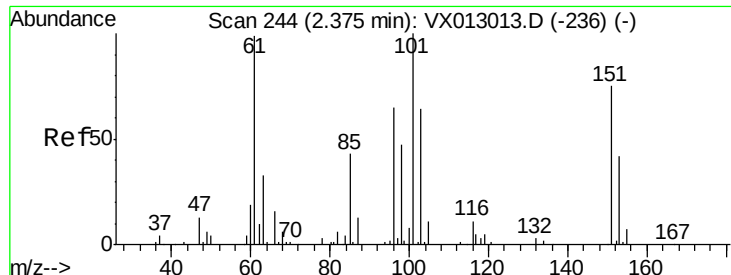


#8

Diethyl Ether
Concen: 46.783 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	47.8	143.4





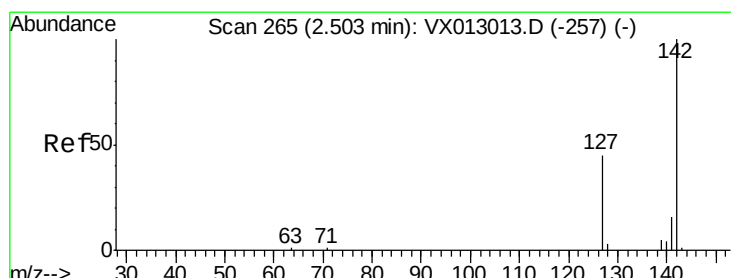
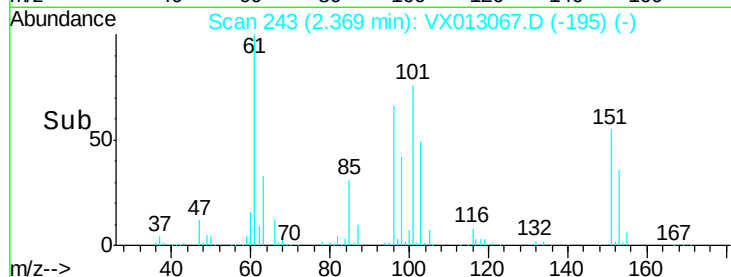
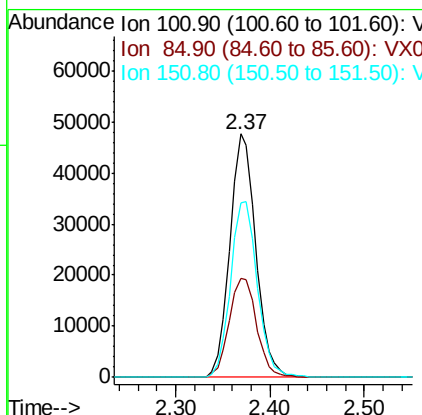
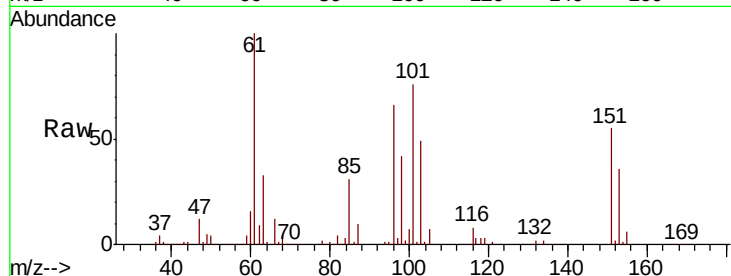
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.478 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.2	52.8
151	74.7	60.3	90.5

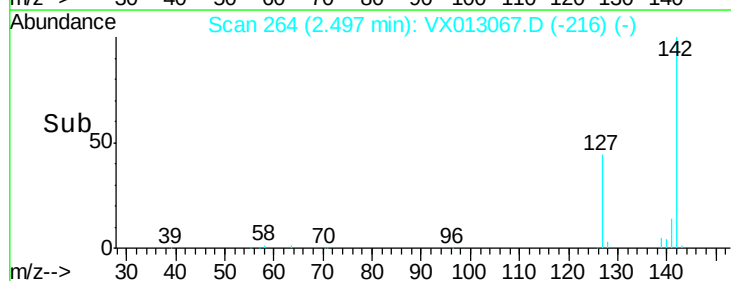
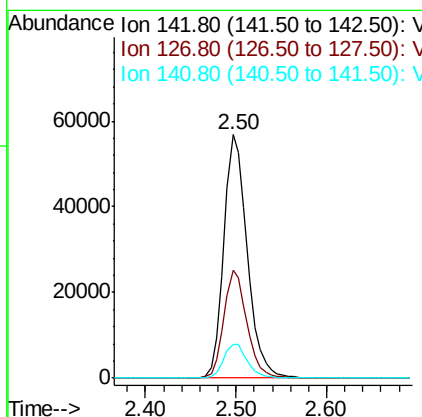
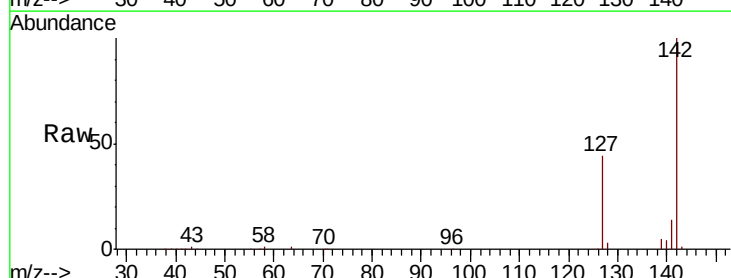
Manual Integrations
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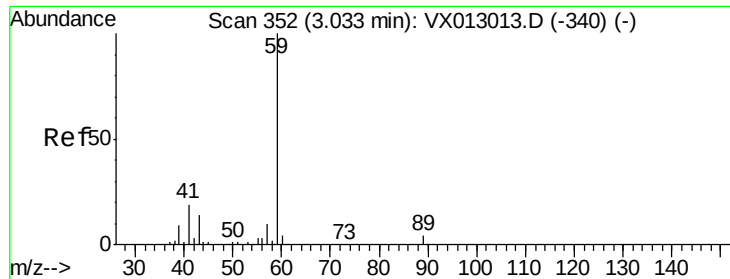
MMDadoda
10/16/2019 9:58:08 AM



#10
Methyl Iodide
Concen: 50.789 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.4	34.9	52.3
141	14.1	11.6	17.4





#11

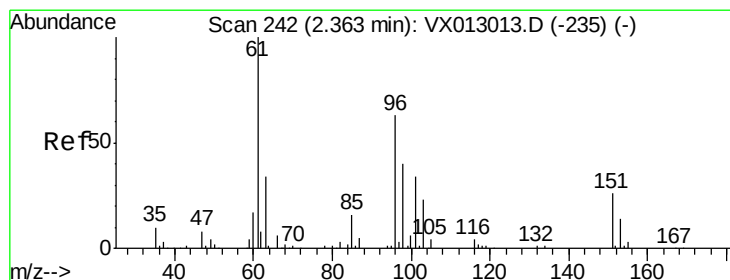
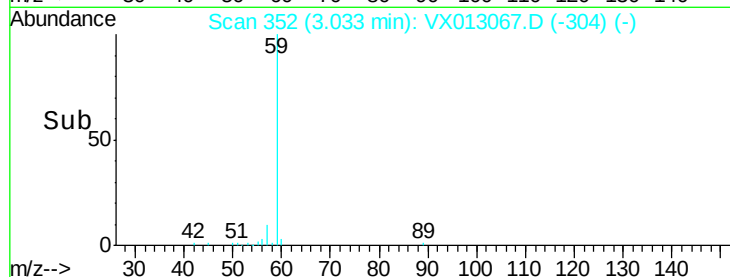
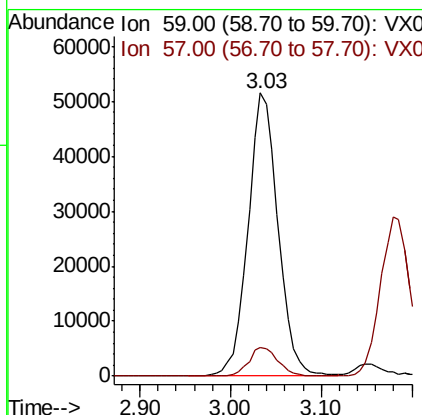
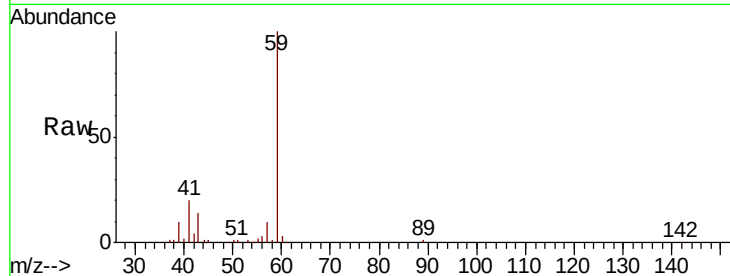
Tert butyl alcohol
Concen: 200.475 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Manual Integrations
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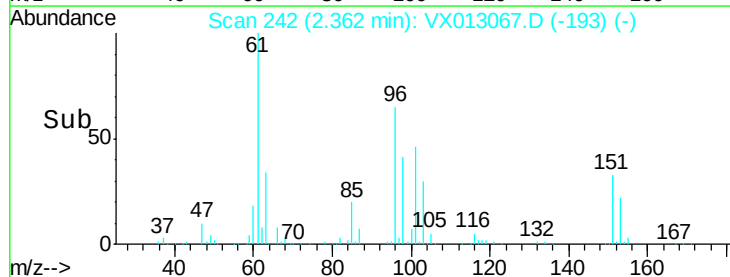
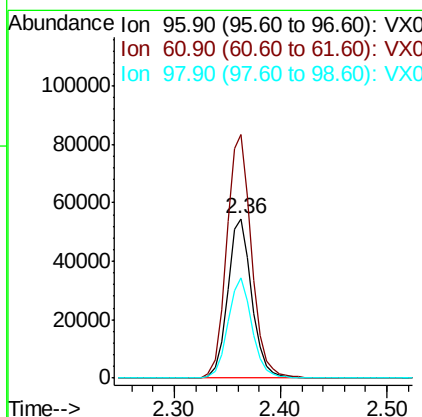
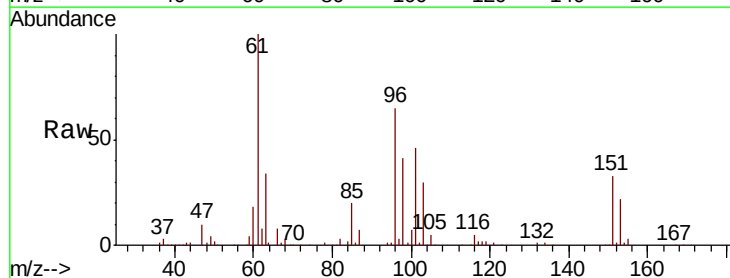
MMDadoda
10/16/2019 9:58:08 AM

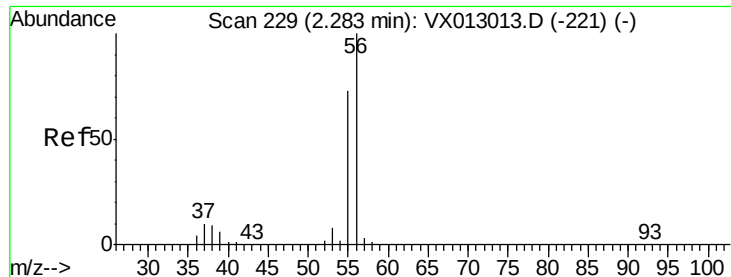


#12

1,1-Dichloroethene
Concen: 48.189 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	132.2	198.4
98	63.2	50.5	75.7





#13

Acrolein

Concen: 237.181 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 99101

Ion Ratio Lower Upper

56 100

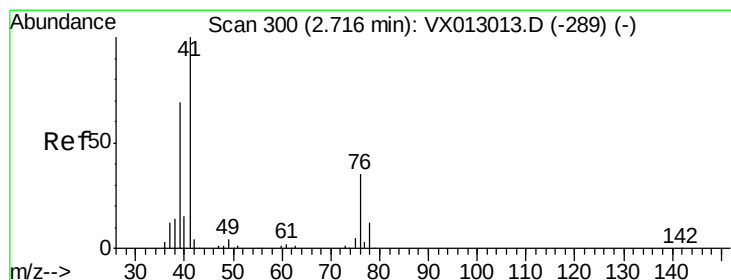
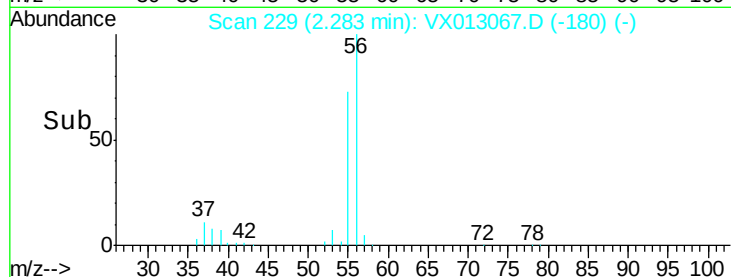
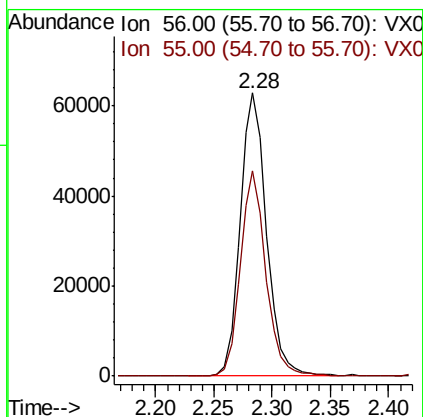
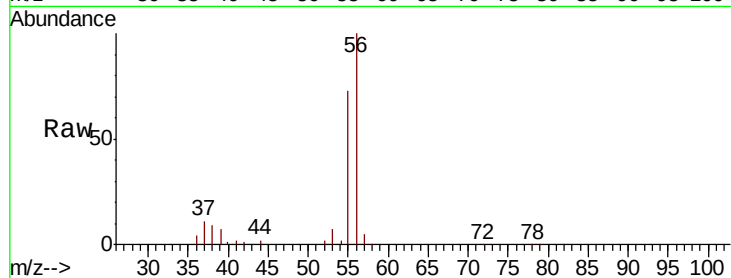
55 70.5 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 46.802 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

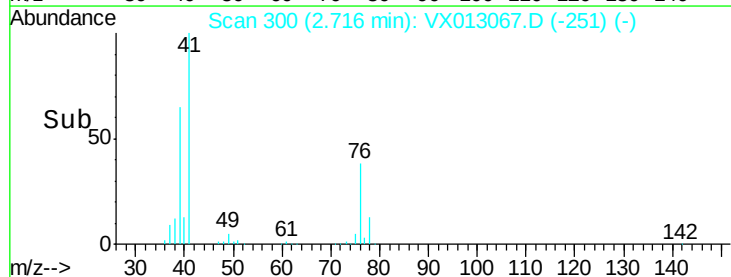
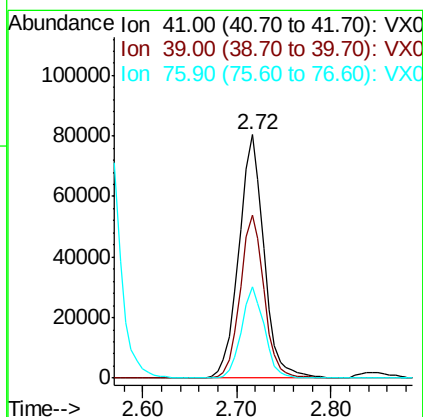
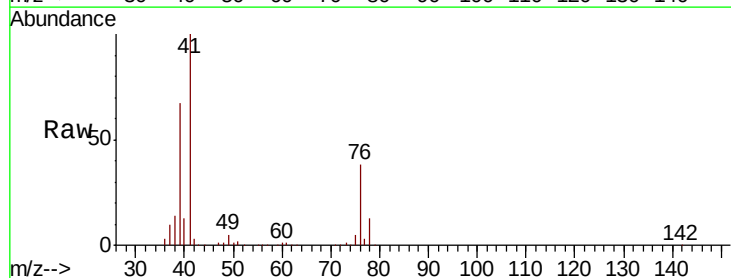
Tgt Ion: 41 Resp: 149461

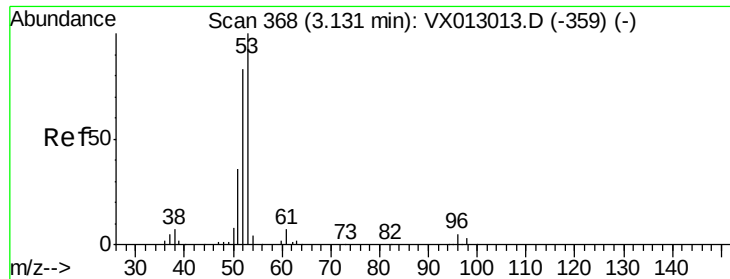
Ion Ratio Lower Upper

41 100

39 63.8 51.0 76.6

76 34.6 26.2 39.4





#15

Acrylonitrile

Concen: 231.086 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

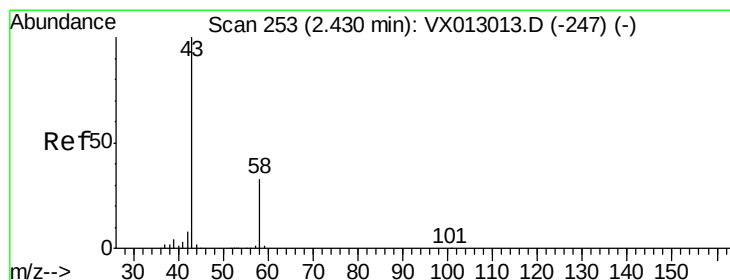
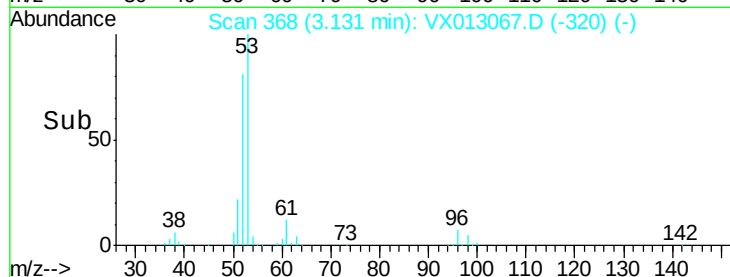
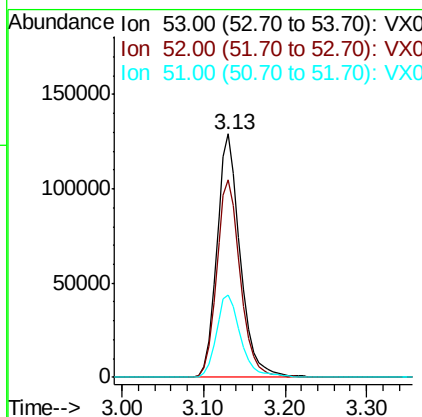
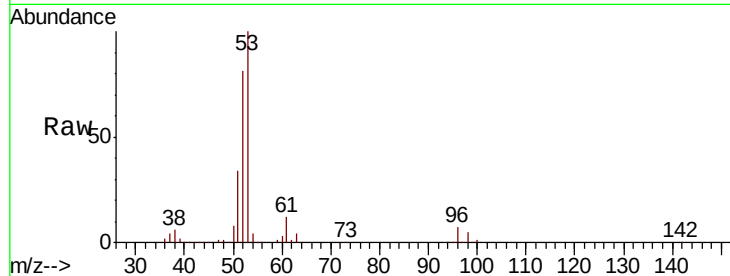
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	257477
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.2	99.2
51	35.6	28.2	42.4

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#16

Acetone

Concen: 242.346 ug/l

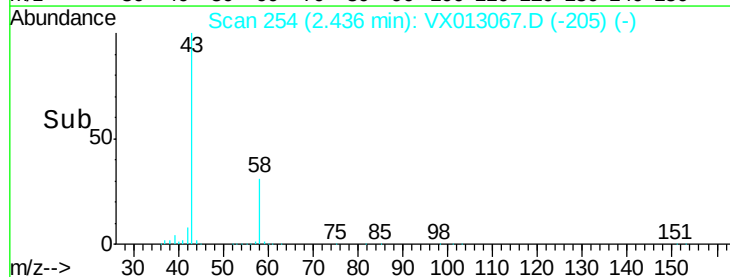
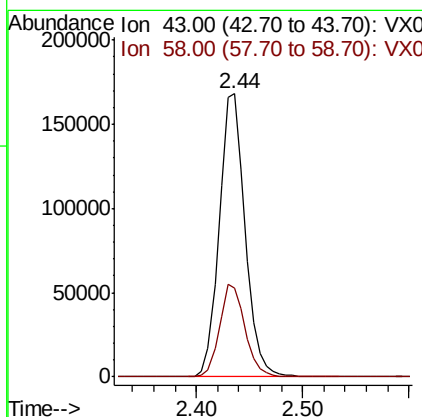
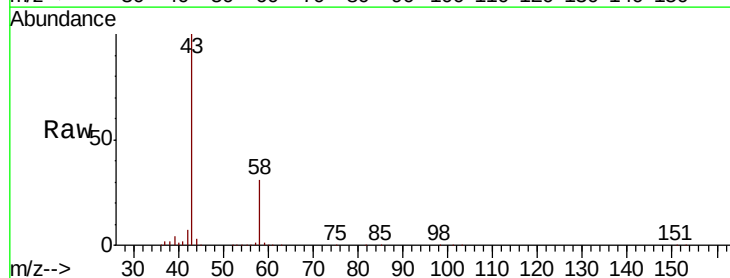
RT: 2.44 min Scan# 254

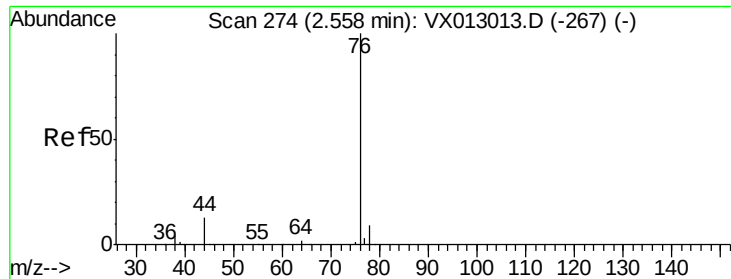
Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion:	43	Resp:	283317
Ion Ratio	Lower	Upper	
43	100		
58	31.4	25.4	38.2





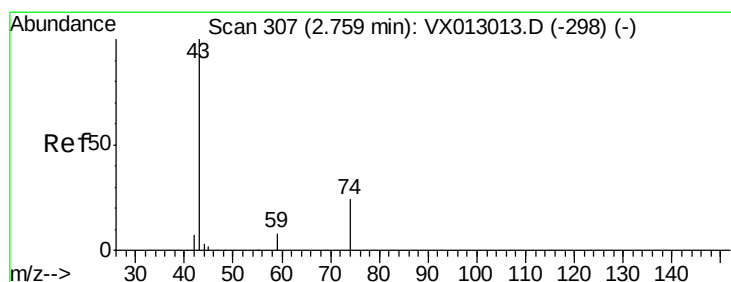
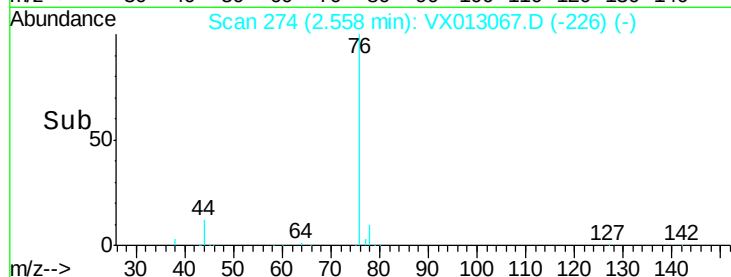
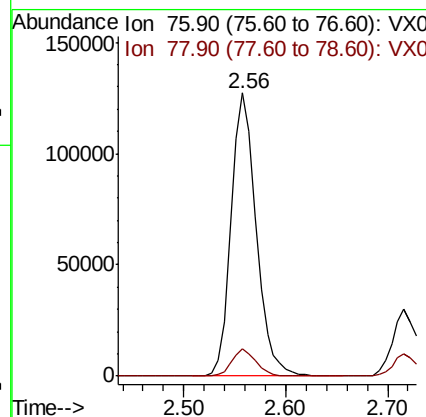
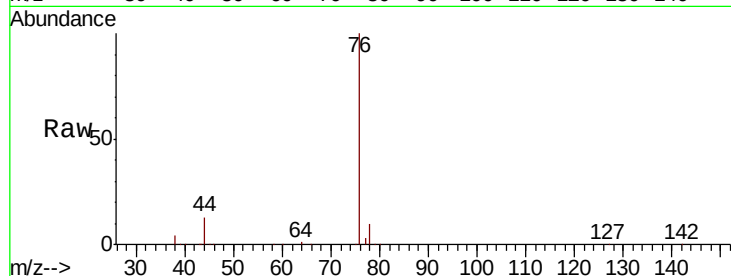
#17
Carbon Disulfide
Concen: 42.186 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

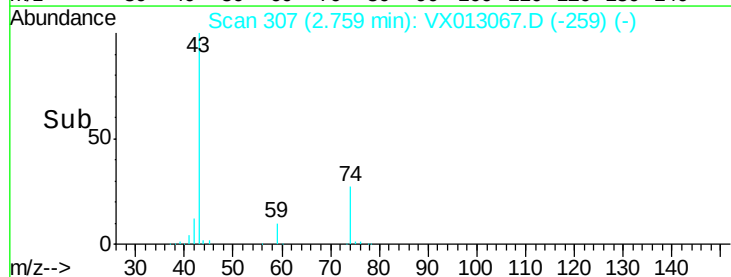
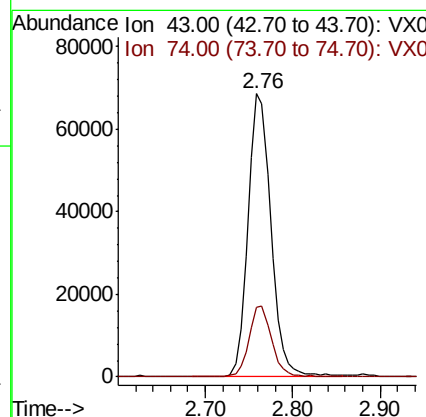
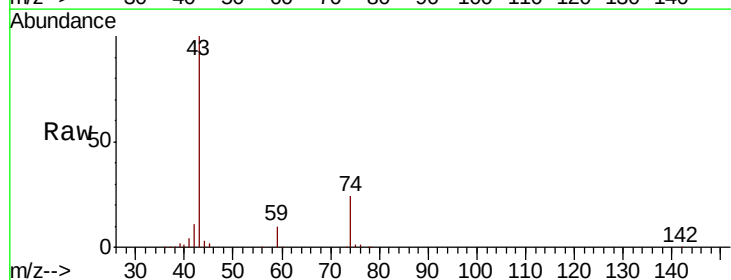
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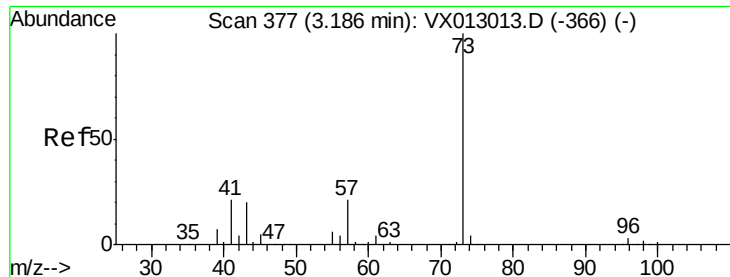
MMDadoda
10/16/2019 9:58:08 AM



#18
Methyl Acetate
Concen: 45.165 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.2	28.8





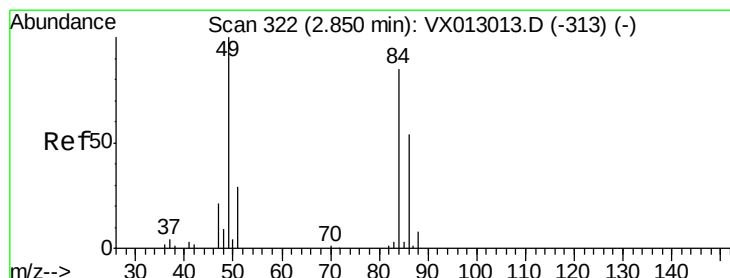
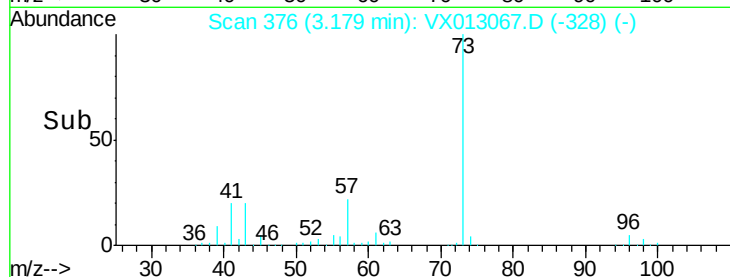
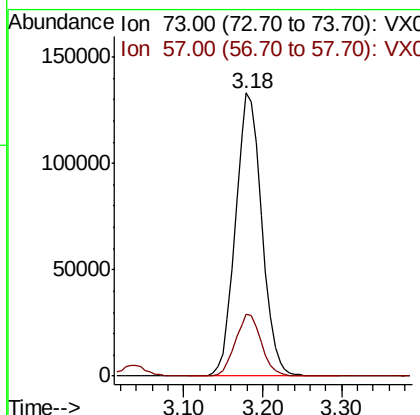
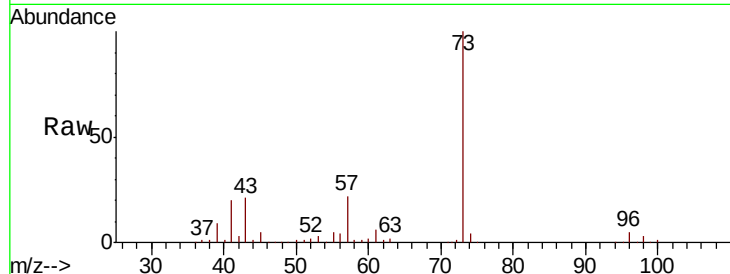
#19
Methyl tert-butyl Ether
Concen: 49.799 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

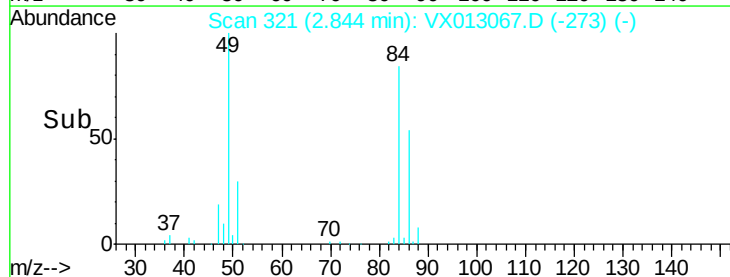
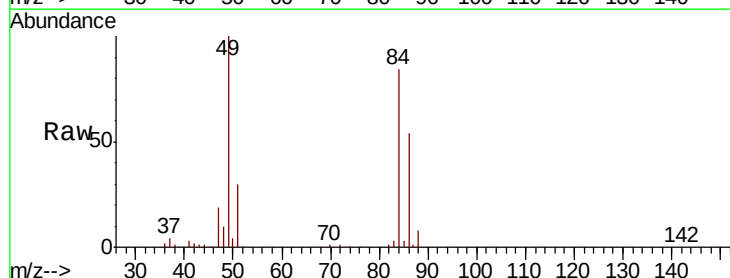
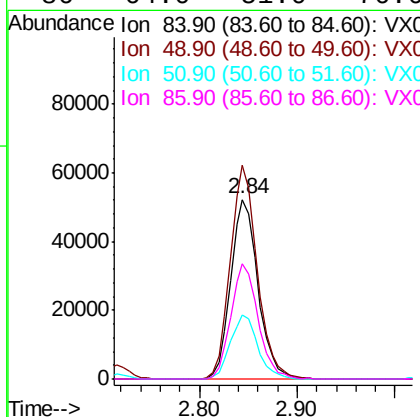
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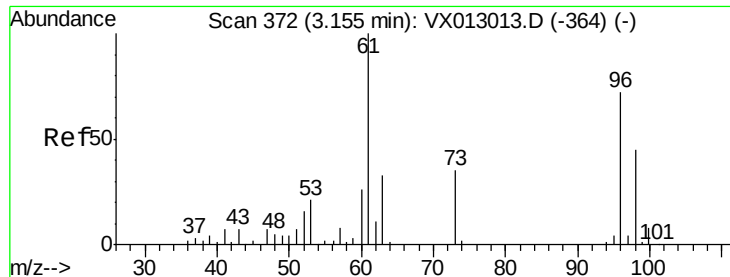
MMDadoda
10/16/2019 9:58:08 AM



#20
Methylene Chloride
Concen: 47.081 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	96.6	144.8
51	35.6	30.7	46.1
86	64.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 48.719 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 93639

Ion Ratio Lower Upper

96 100

61 133.8 110.4 165.6

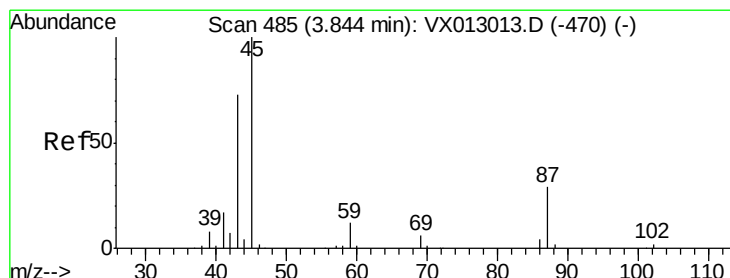
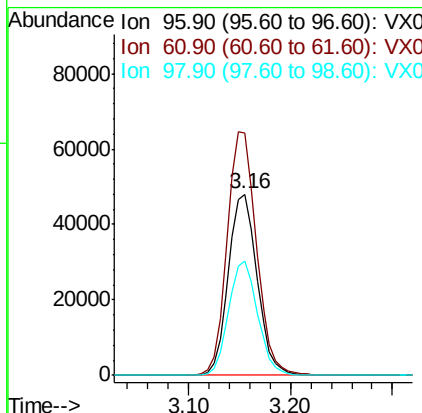
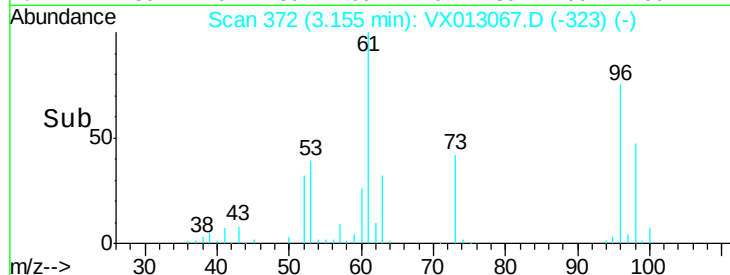
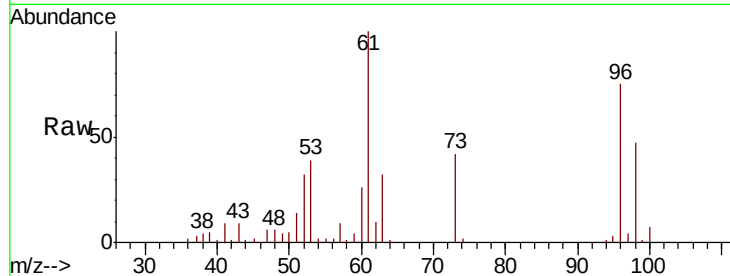
98 62.8 51.5 77.3

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#22

Diisopropyl ether

Concen: 49.170 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion: 45 Resp: 300888

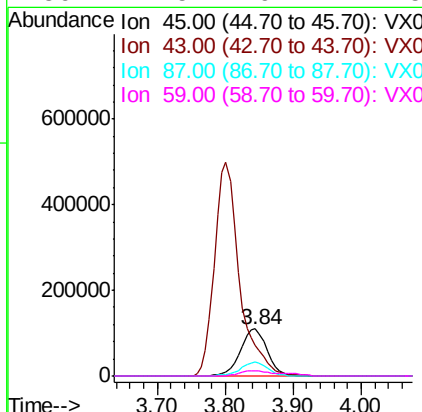
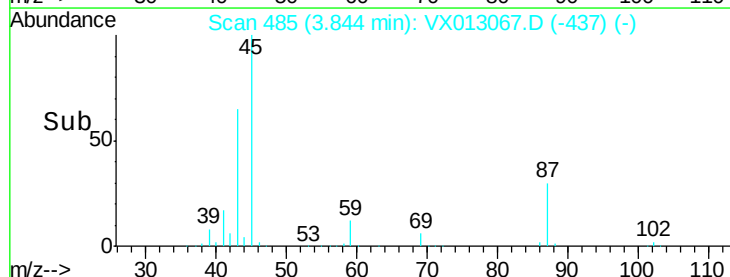
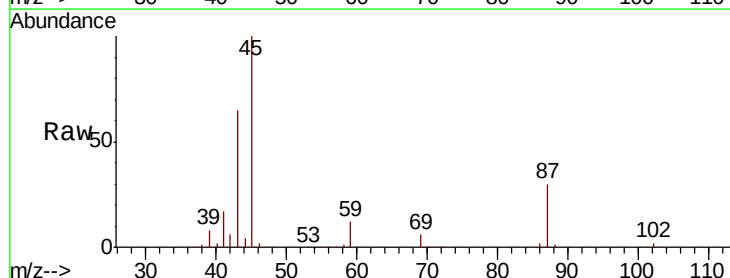
Ion Ratio Lower Upper

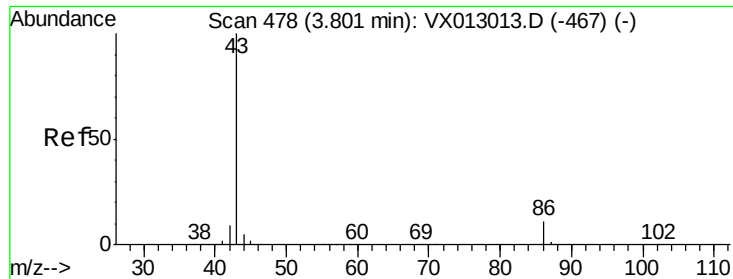
45 100

43 65.2 51.4 77.0

87 29.7 22.5 33.7

59 11.5 9.7 14.5





#23

Vinyl Acetate

Concen: 242.884 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1283072

Ion Ratio Lower Upper

43 100

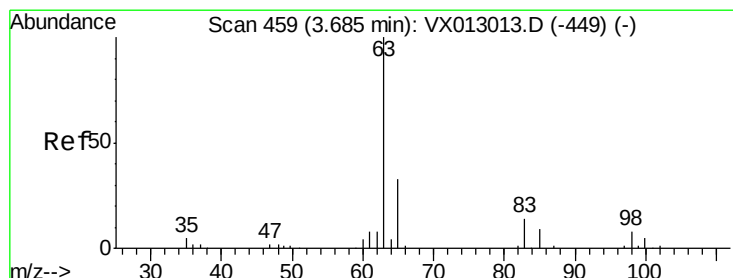
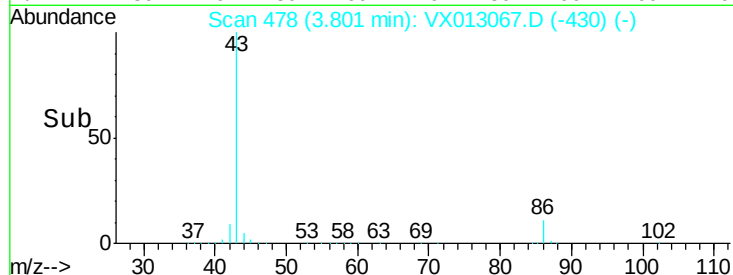
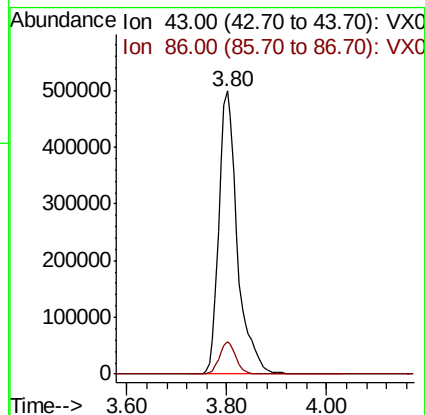
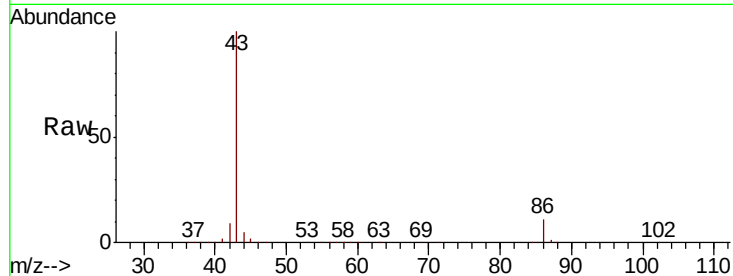
86 11.5 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.518 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

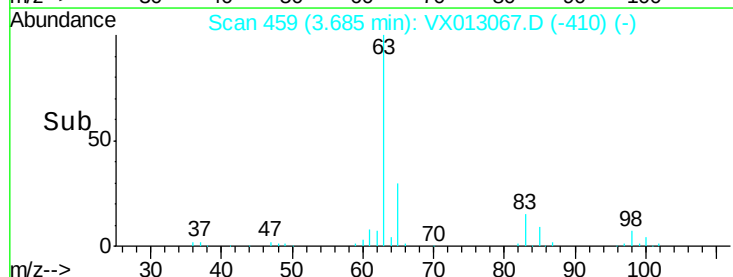
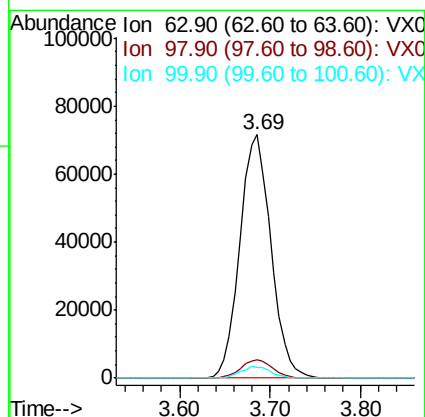
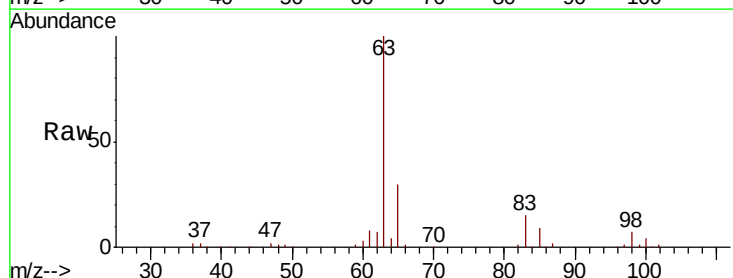
Tgt Ion: 63 Resp: 170470

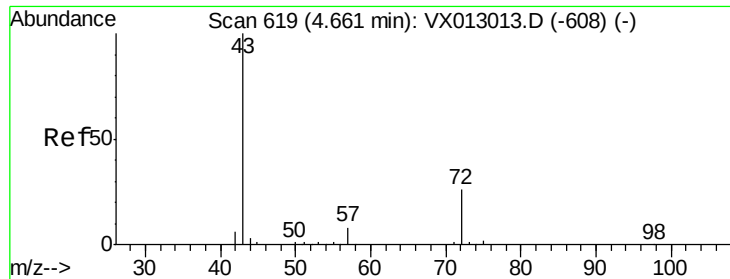
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 234.062 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 379628

Ion Ratio Lower Upper

43 100

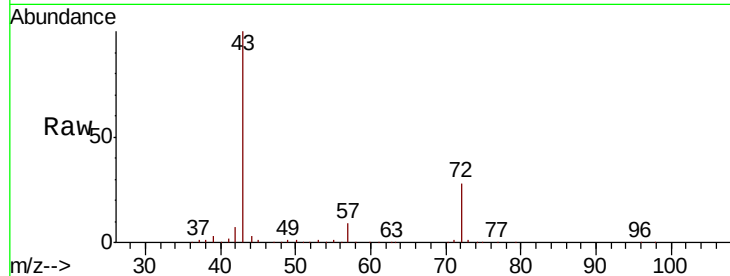
72 27.5 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

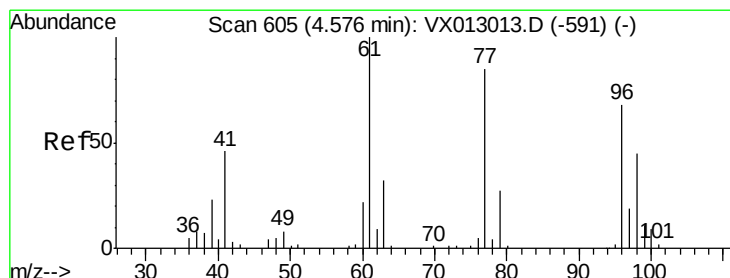
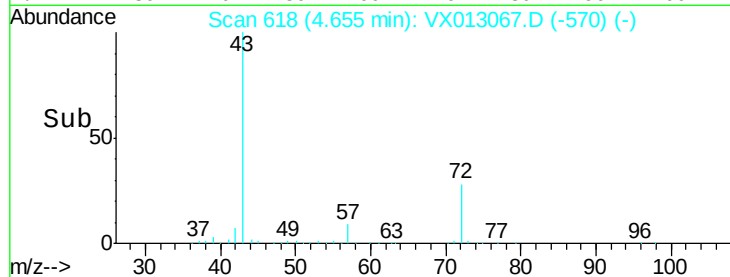
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.708 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013067.D

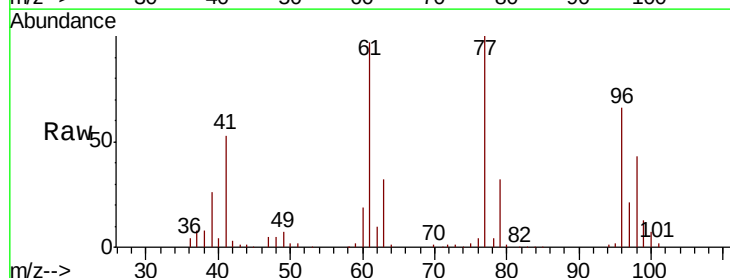
Acq: 15 Oct 2019 10:27

Tgt Ion: 77 Resp: 146794

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

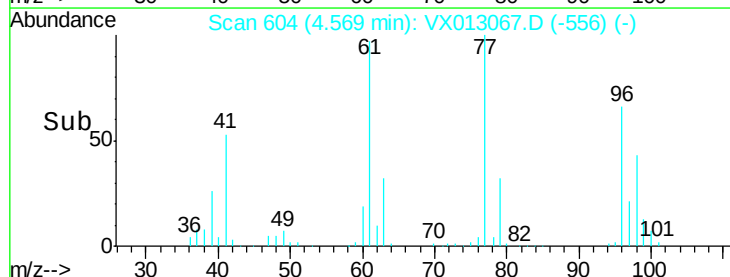
20000

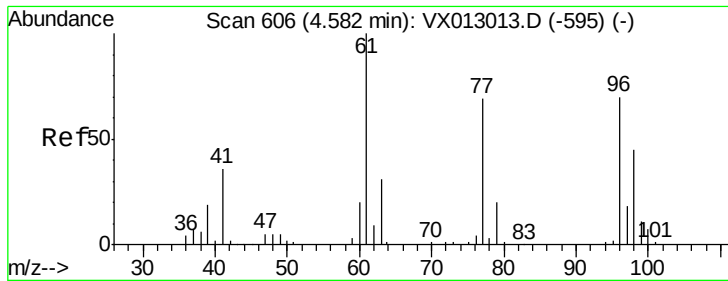
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

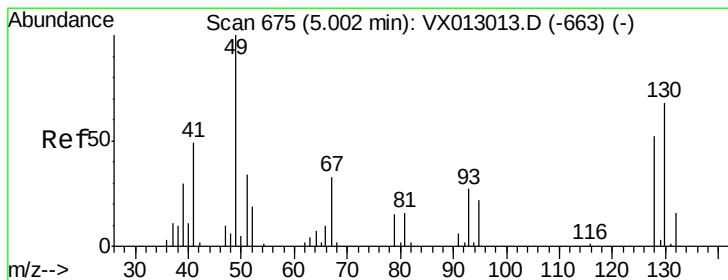
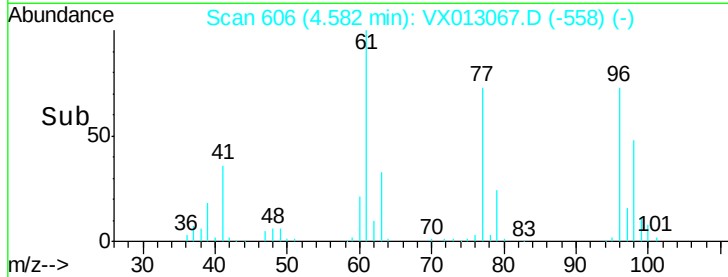
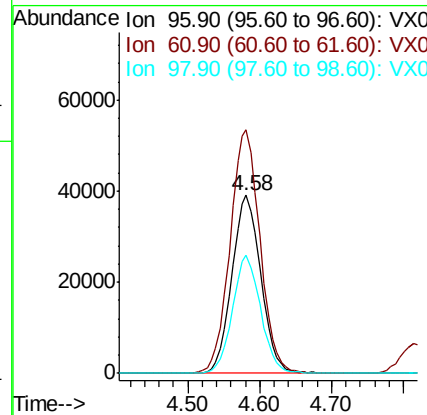
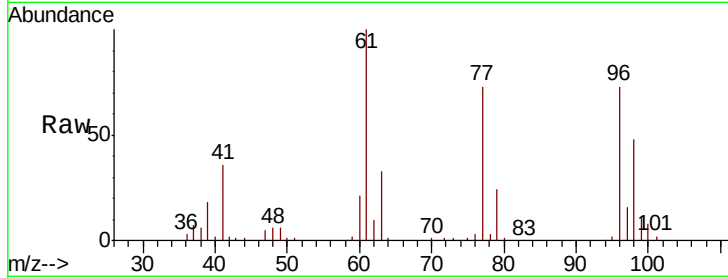
cis-1,2-Dichloroethene
Concen: 49.262 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.2	0.0	290.6	
98	64.4	0.0	128.8	

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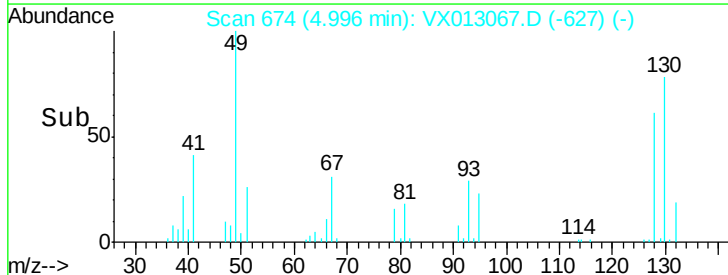
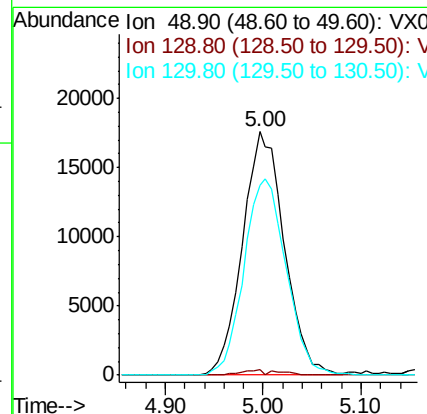
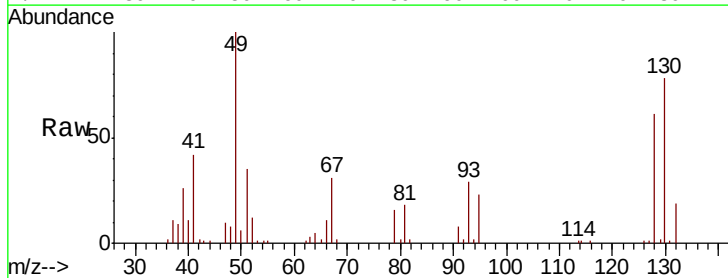
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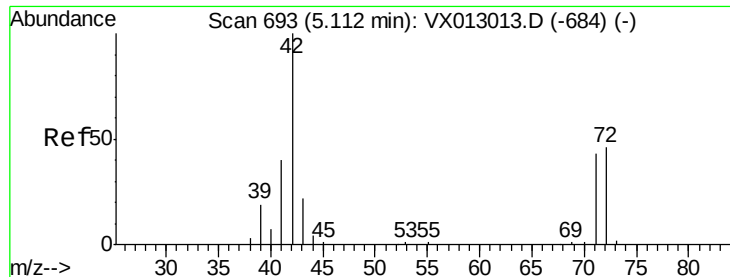


#28

Bromochloromethane
Concen: 50.763 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.0	0.0	4.2	
130	0.0	62.1	93.1#	





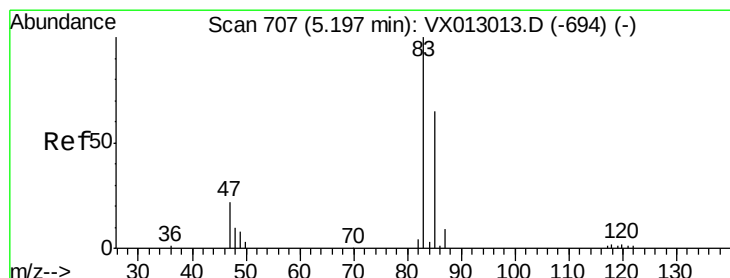
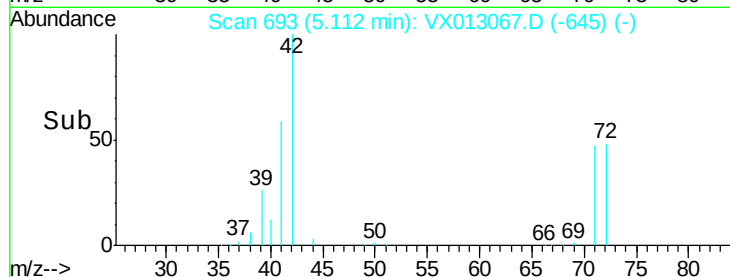
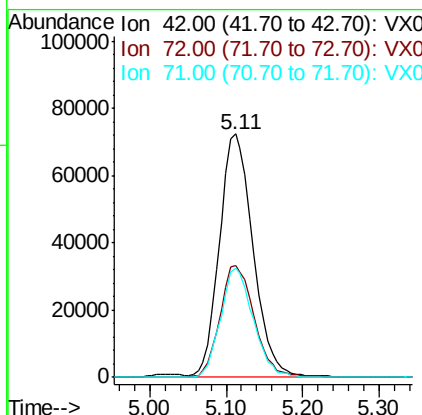
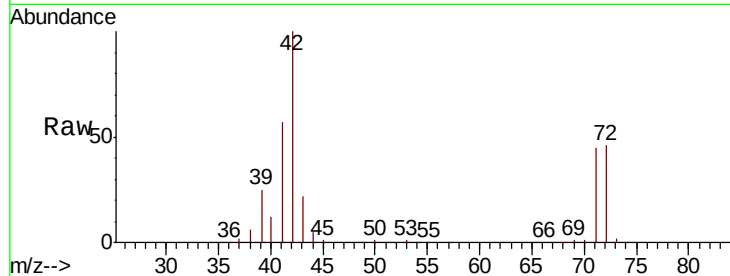
#29
Tetrahydrofuran
Concen: 219.831 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	36.9	55.3
71	43.8	33.5	50.3

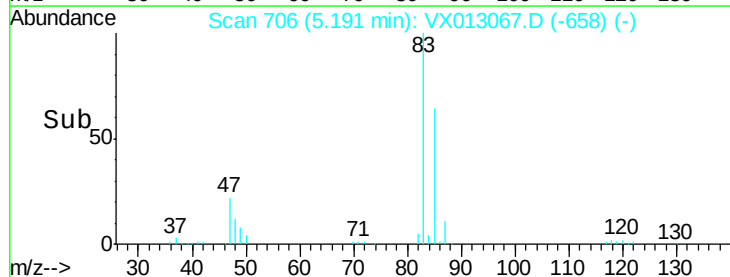
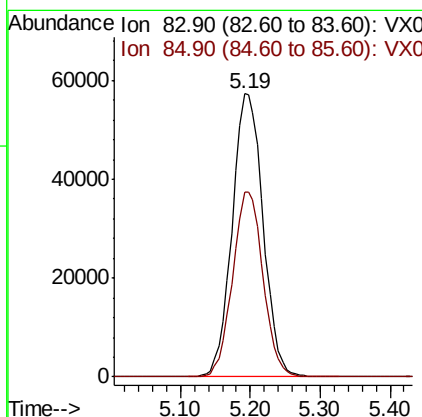
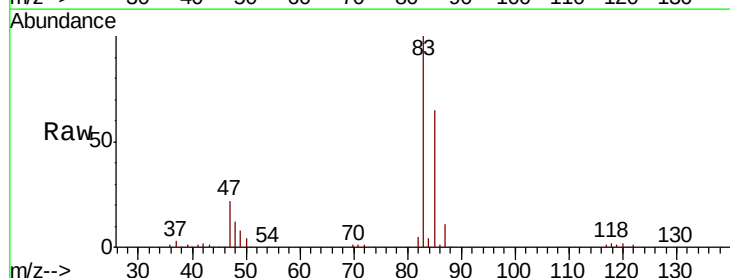
Manual Integrations
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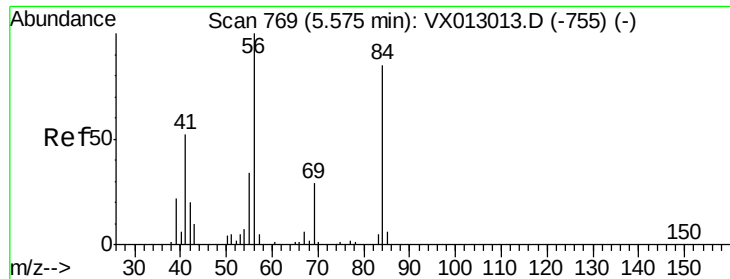
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#30
Chloroform
Concen: 49.656 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.5	77.3





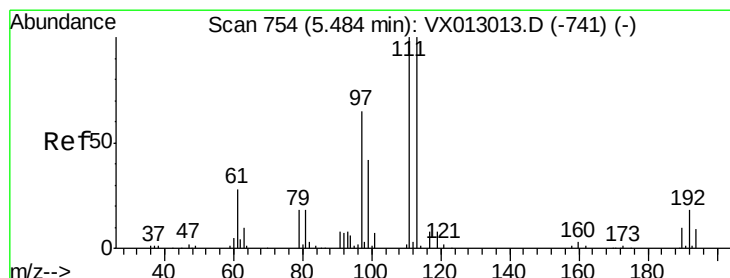
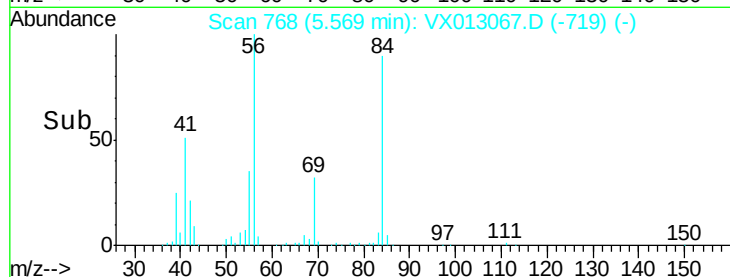
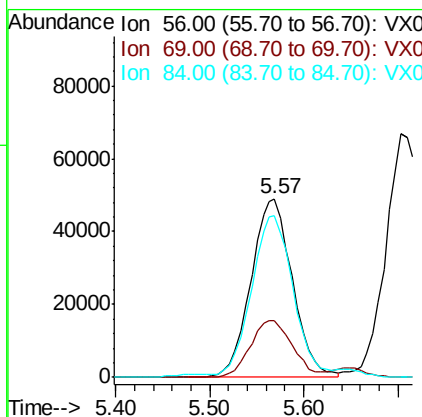
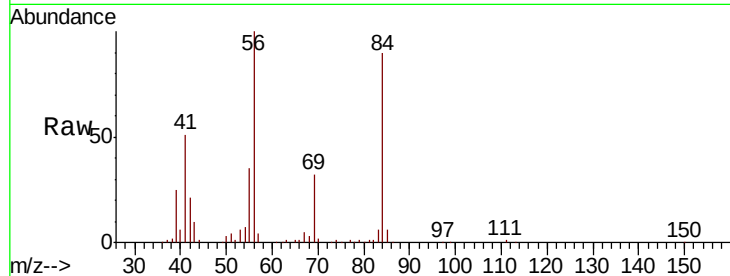
#31
Cyclohexane
Concen: 46.742 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.2	37.8
84	88.8	71.3	106.9

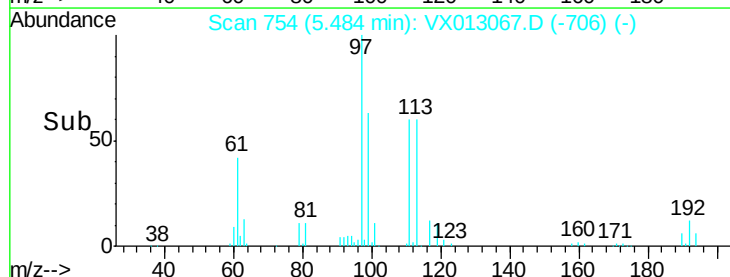
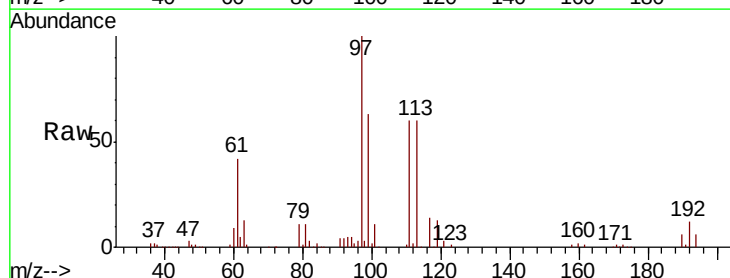
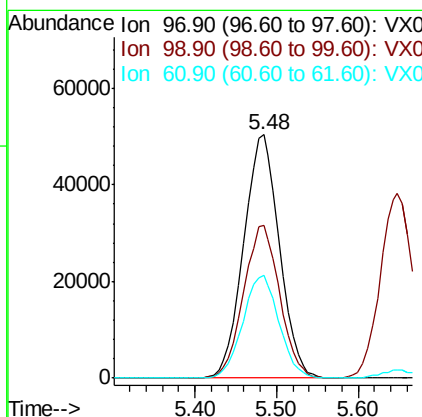
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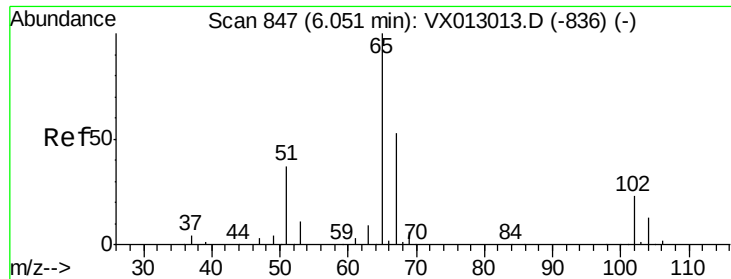
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#32
1,1,1-Trichloroethane
Concen: 51.268 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.3	78.5
61	42.9	35.0	52.4





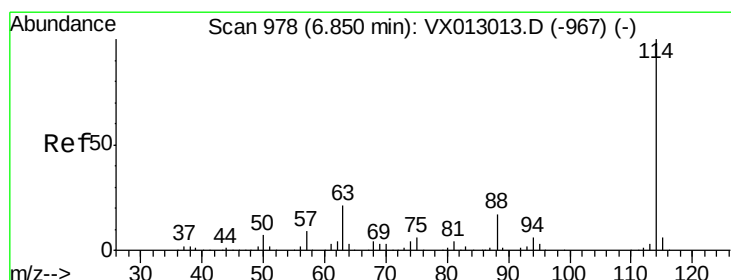
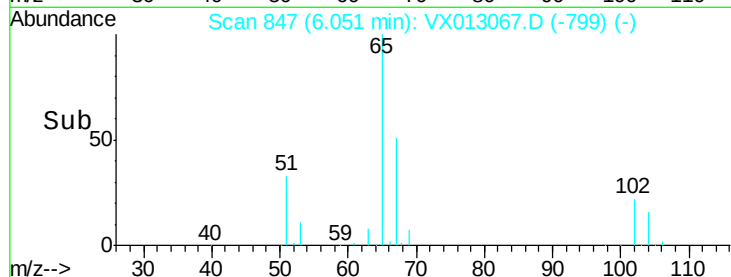
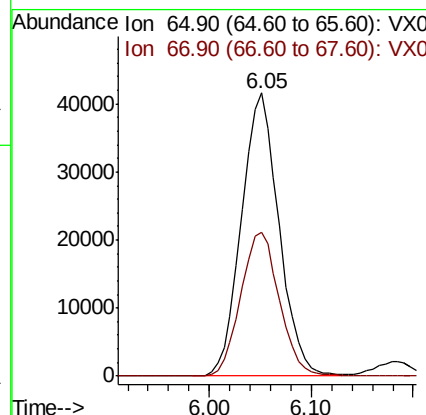
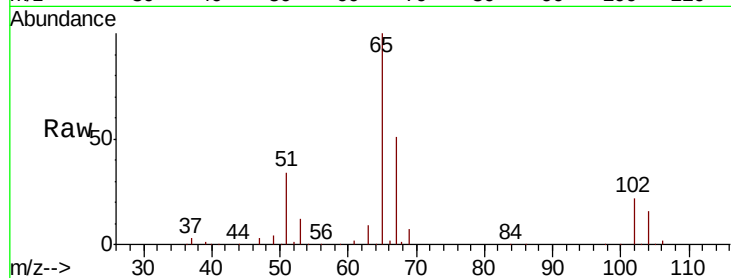
#33
 1,2-Dichloroethane-d4
 Concen: 47.937 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106320		
67	52.1	0.0	104.4	

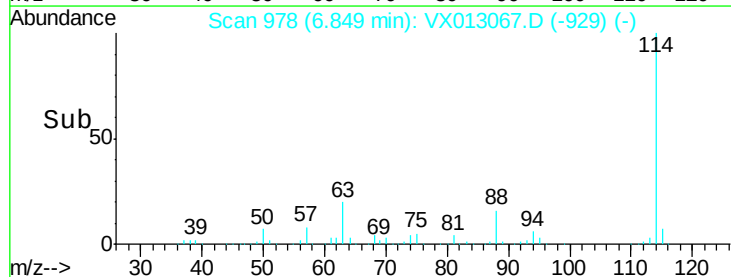
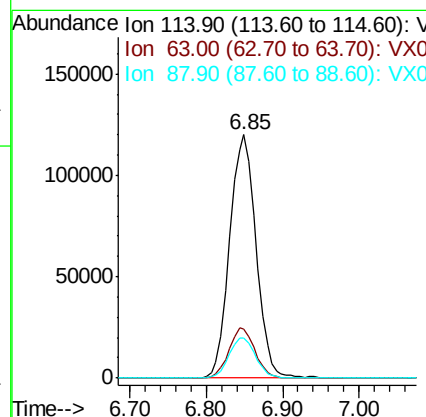
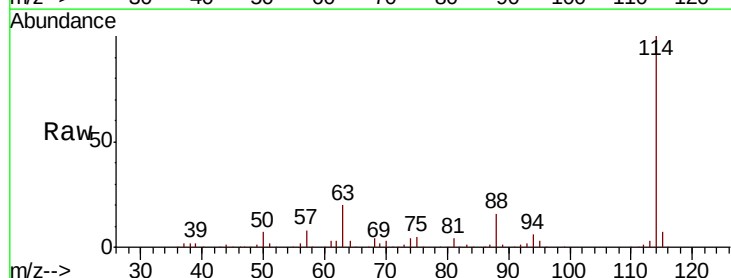
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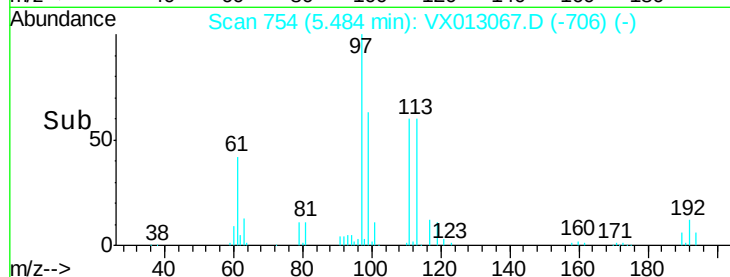
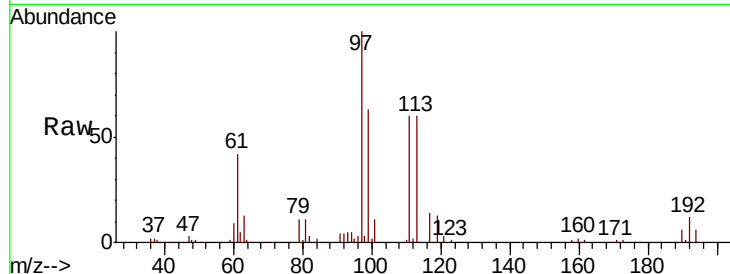
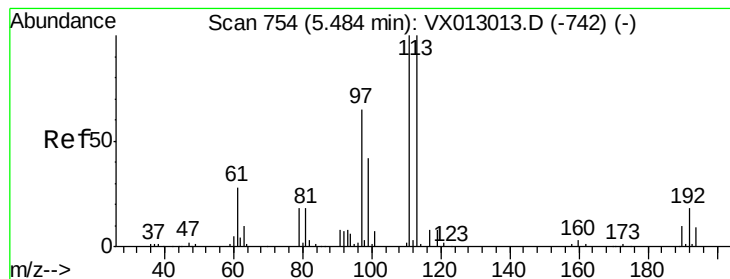
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	286641		
63	20.0	0.0	40.8	
88	16.4	0.0	33.8	





#35

Dibromofluoromethane

Concen: 52.090 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tot Ion:	113	Resp:	85696
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	19.7	15.4	23.2

Instrument :

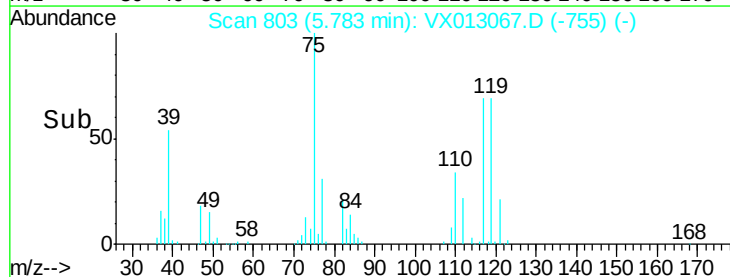
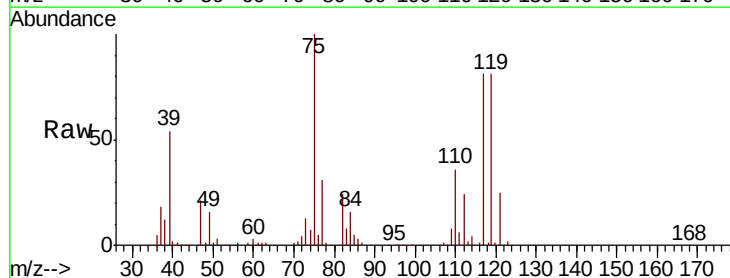
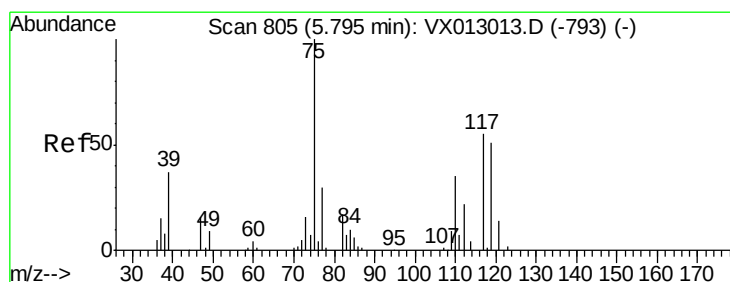
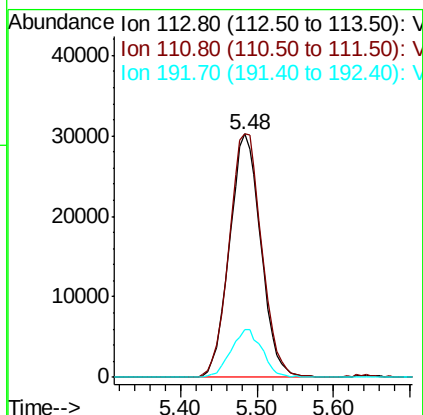
MSVOA_X

ClientSampleId :

VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 51.025 ug/l

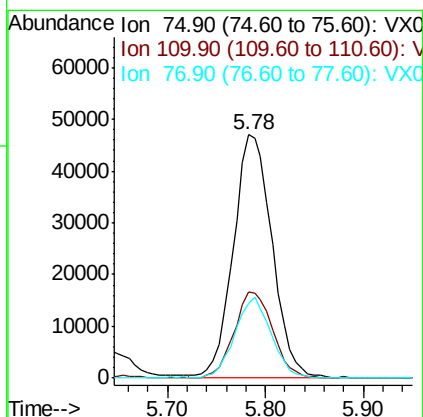
RT: 5.78 min Scan# 803

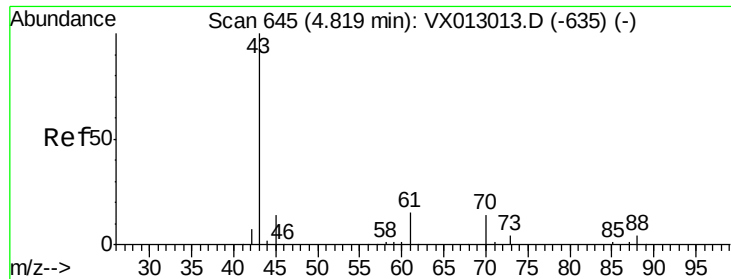
Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion:	75	Resp:	128592
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.4	24.4	36.6





#37

Ethyl Acetate

Concen: 47.421 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

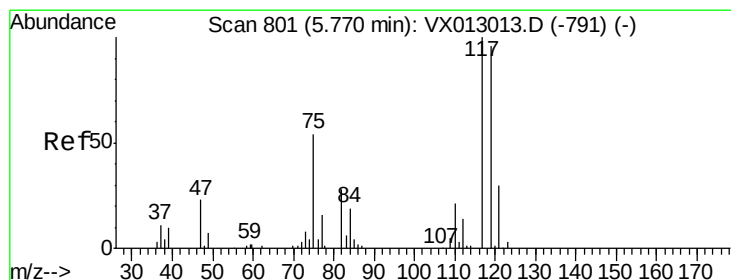
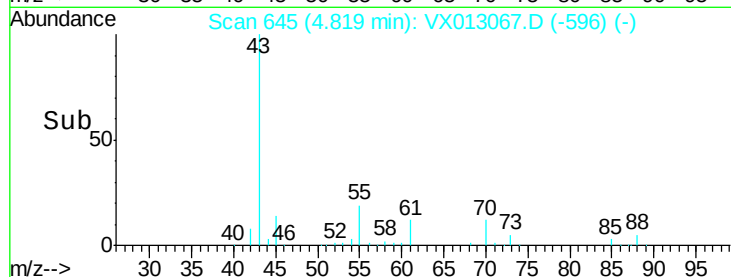
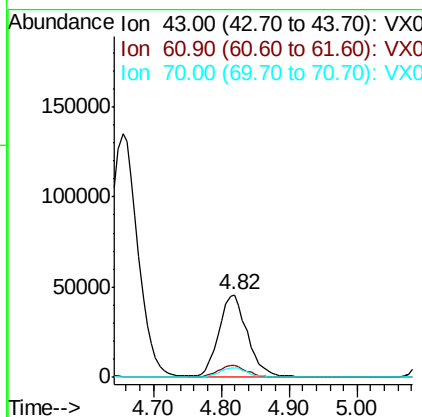
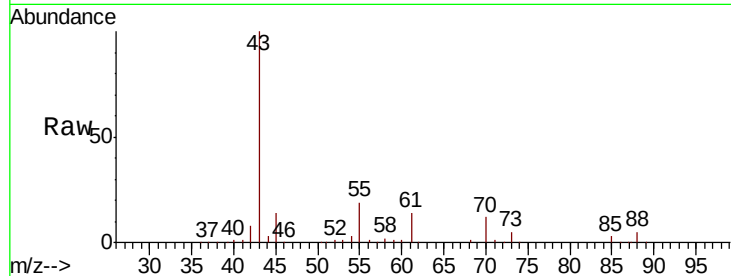
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	133633
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.4	17.0
70	11.9	9.8	14.6

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#38

Carbon Tetrachloride

Concen: 52.903 ug/l

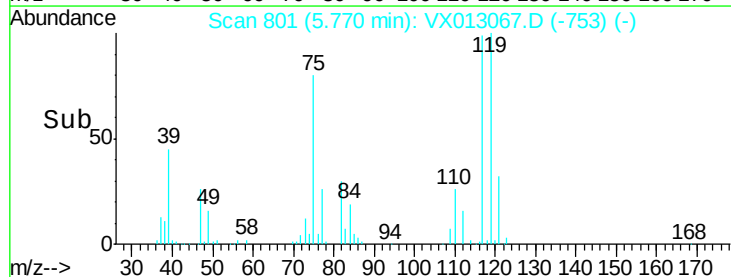
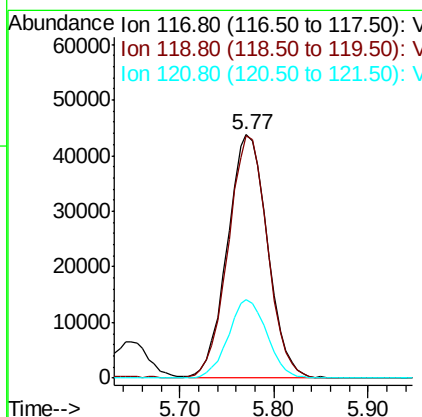
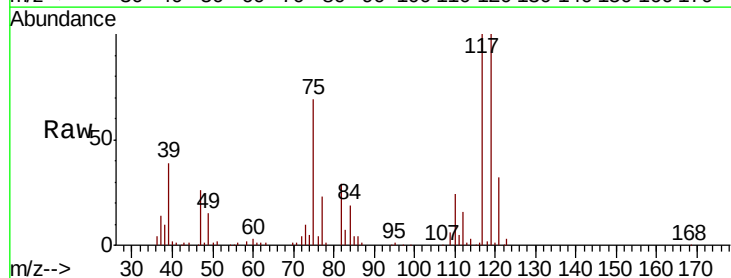
RT: 5.77 min Scan# 801

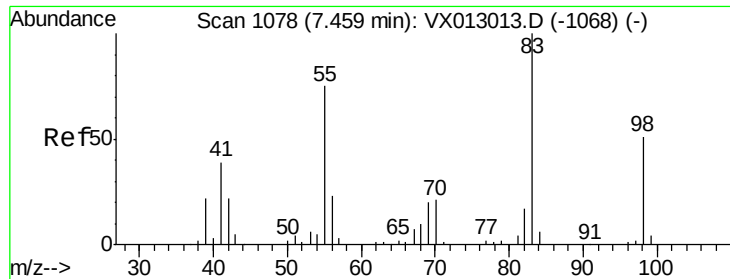
Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion:	117	Resp:	129771
Ion	Ratio	Lower	Upper
117	100		
119	99.6	74.5	111.7
121	32.3	24.2	36.4





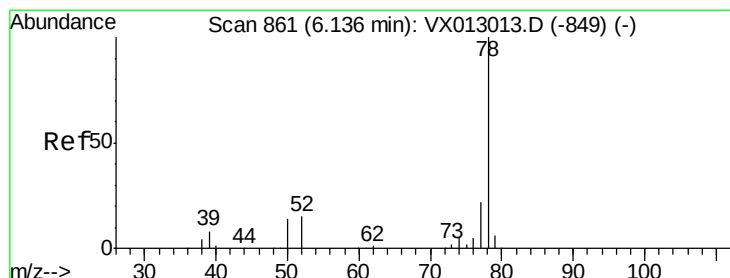
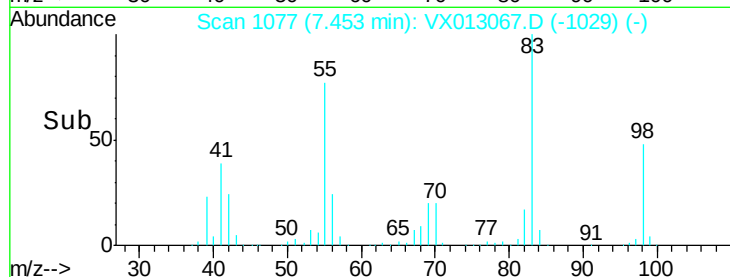
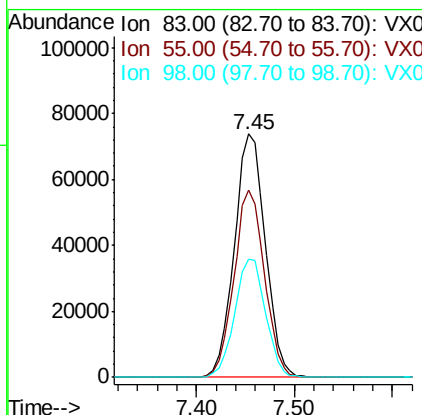
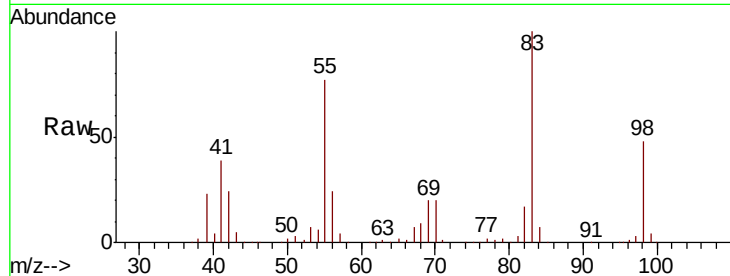
#39
Methylvlcyclohexane
Concen: 53.130 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	162380		
55	76.9	60.2	90.4	
98	48.5	38.5	57.7	

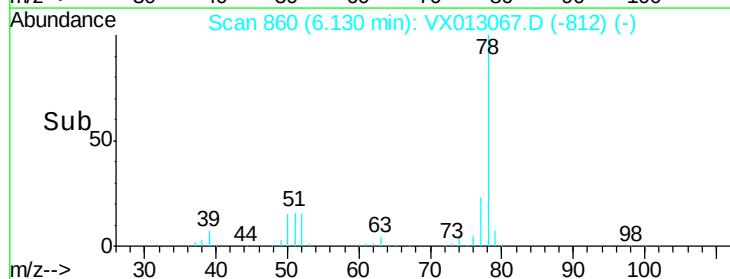
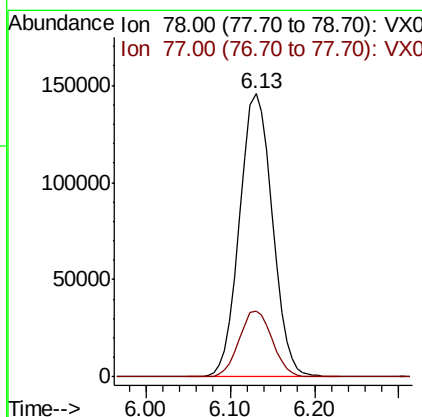
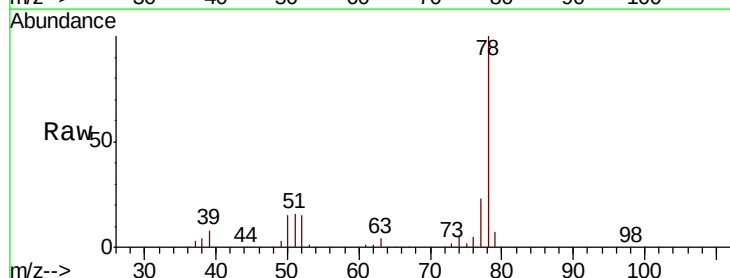
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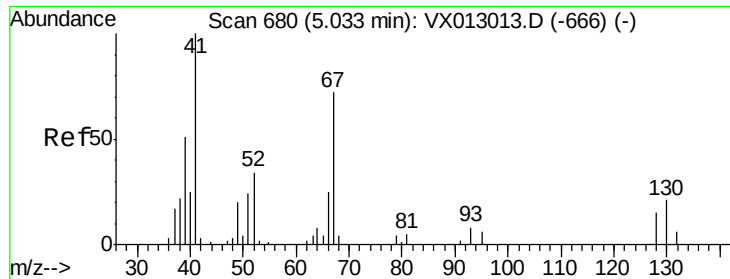
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#40
Benzene
Concen: 51.762 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	385283		
77	23.2	19.0	28.4	





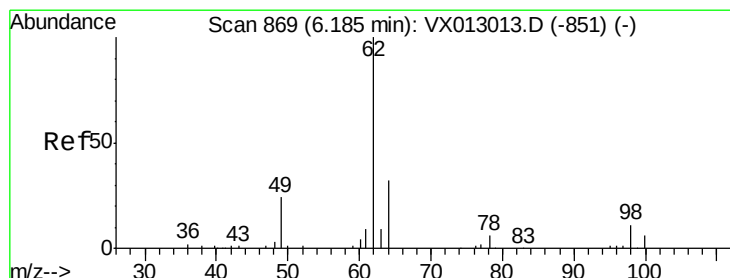
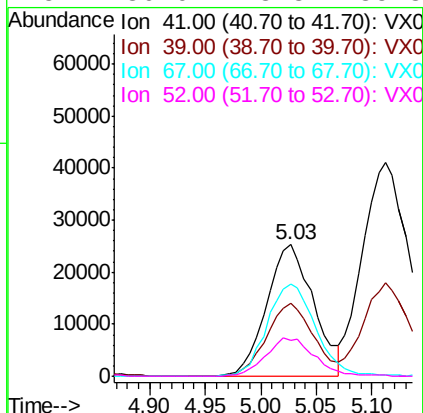
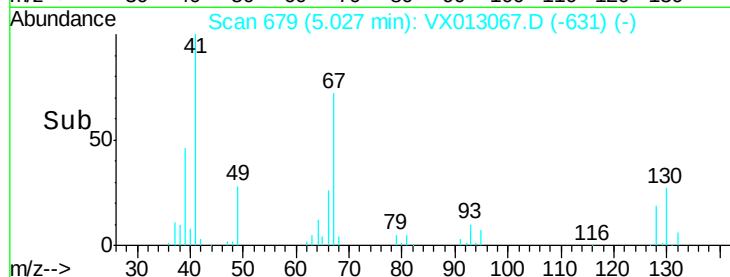
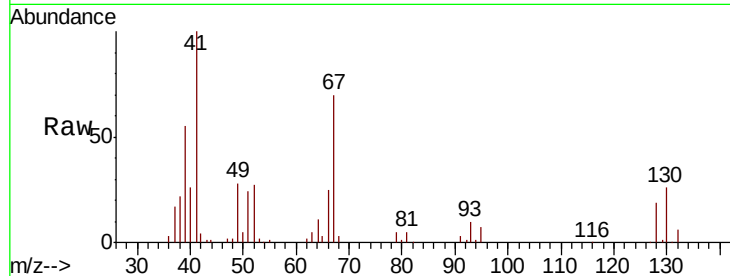
#41
Methacrylonitrile
Concen: 47.983 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	74300
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.0	66.0
67	72.8	58.5	87.7
52	30.0	23.8	35.8

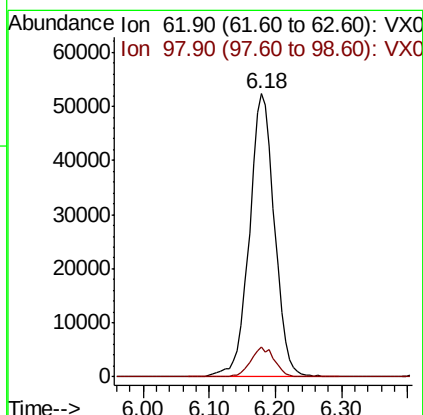
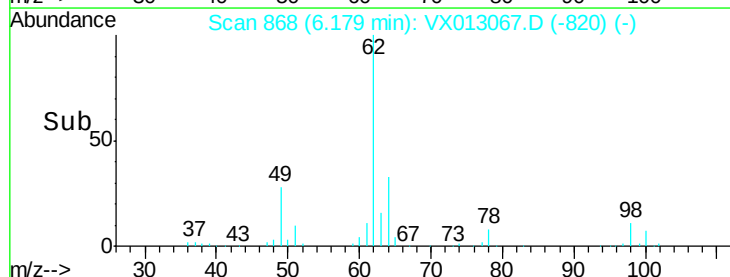
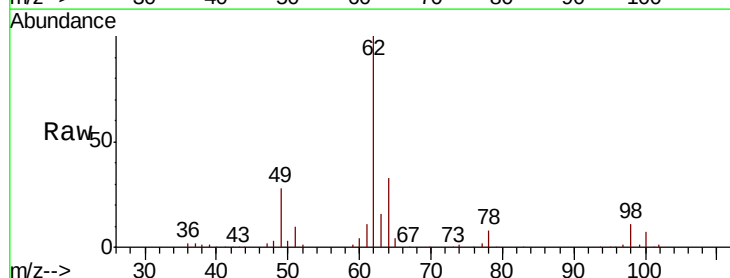
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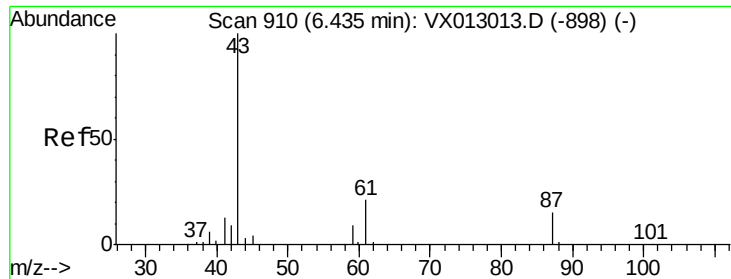
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#42
1,2-Dichloroethane
Concen: 51.954 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:	62	Resp:	138762
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 49.050 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

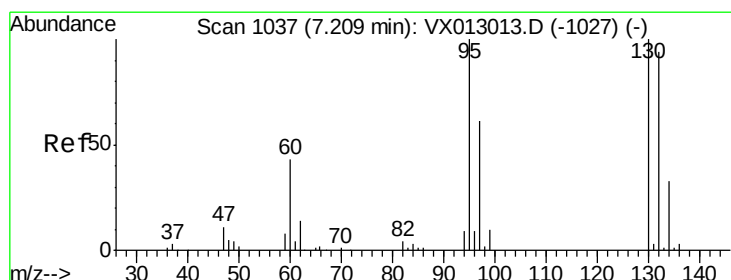
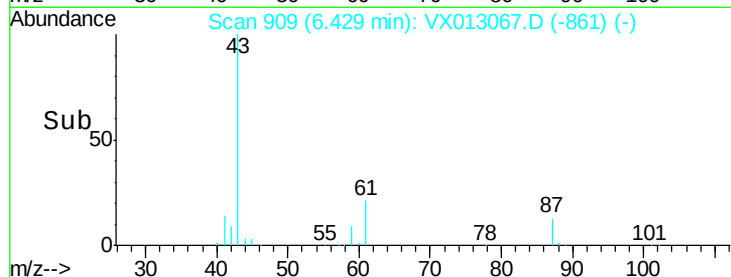
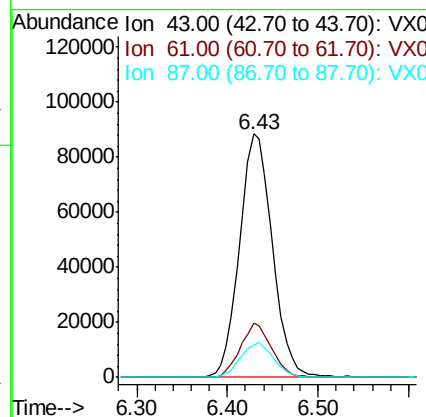
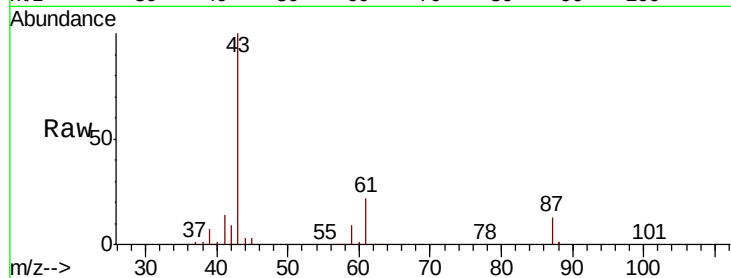
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	221856
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.6	24.8
87	14.4	11.0	16.6

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#44

Trichloroethene

Concen: 50.163 ug/l

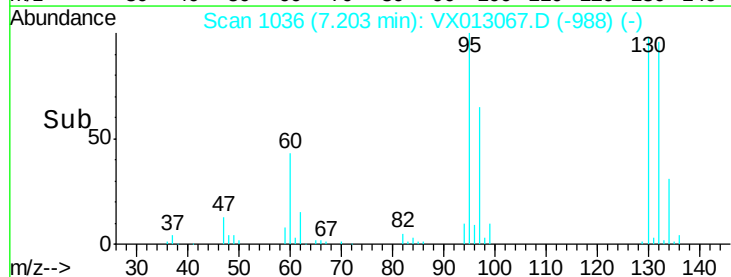
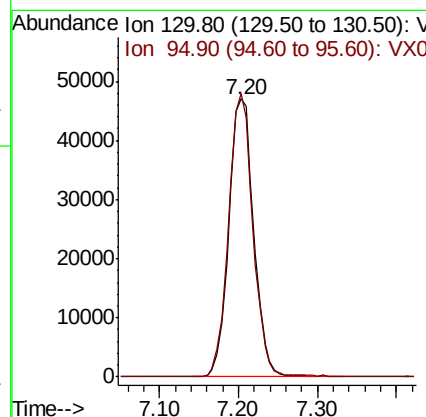
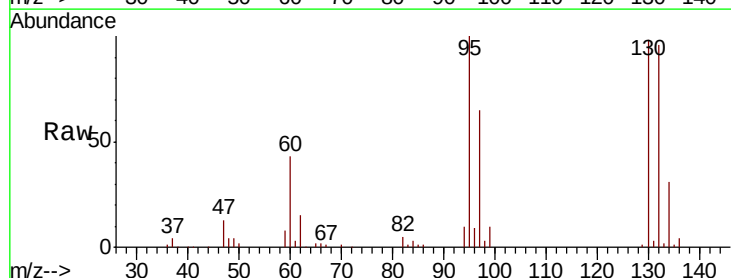
RT: 7.20 min Scan# 1036

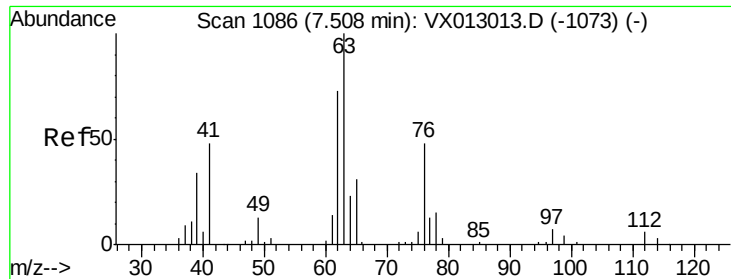
Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion:	130	Resp:	103540
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	189.2





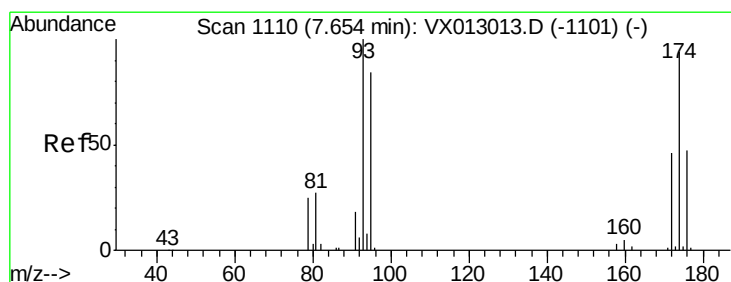
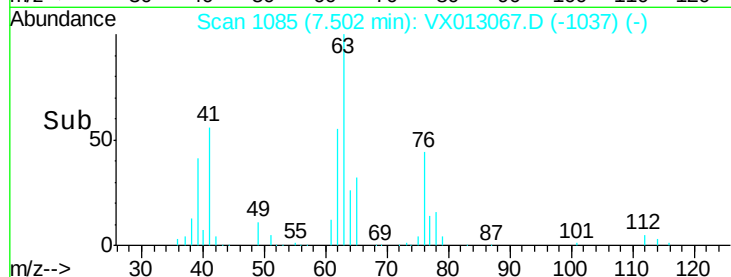
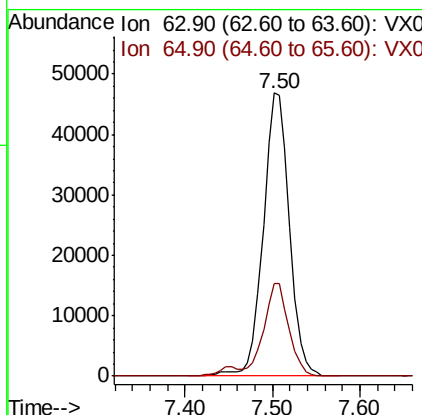
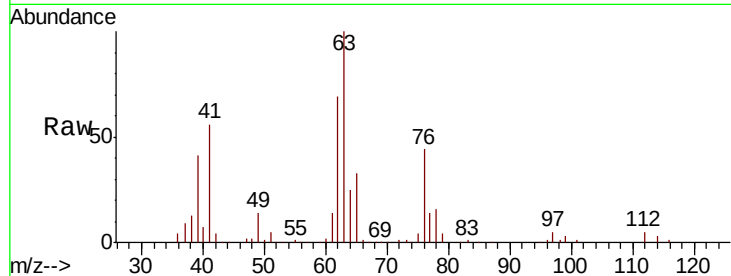
#45
 1,2-Dichloropropane
 Concen: 51.802 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 98272
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.6 37.0

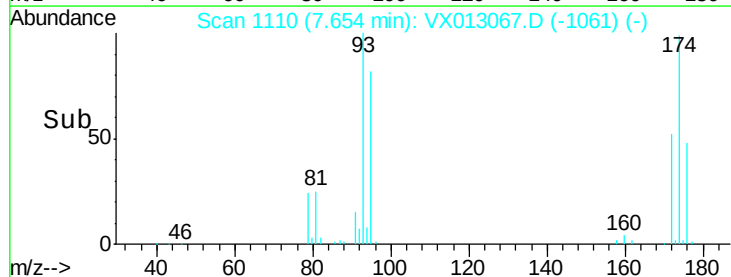
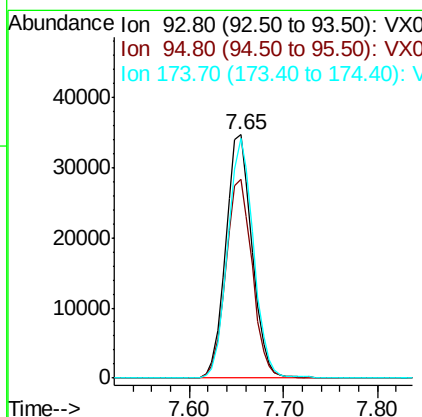
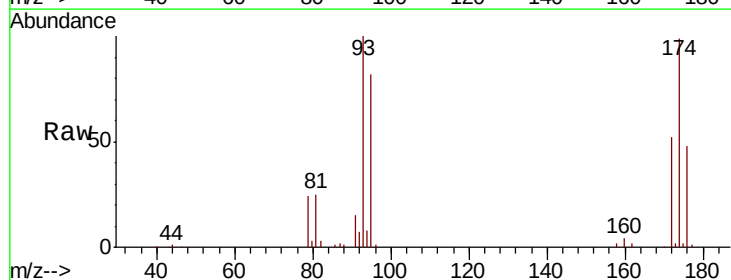
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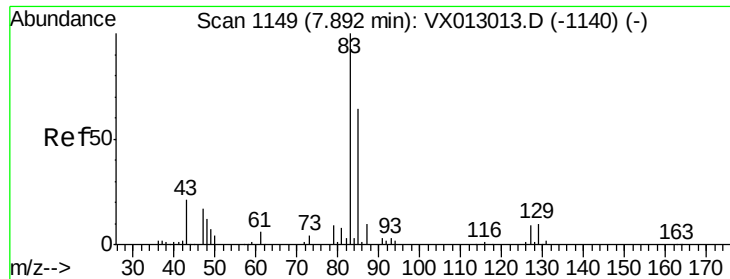
MMDadoda
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#46
 Dibromomethane
 Concen: 53.131 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 93 Resp: 67154
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.3 99.5
 174 97.1 77.8 116.6





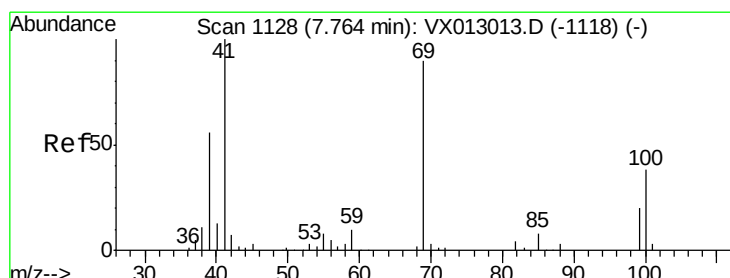
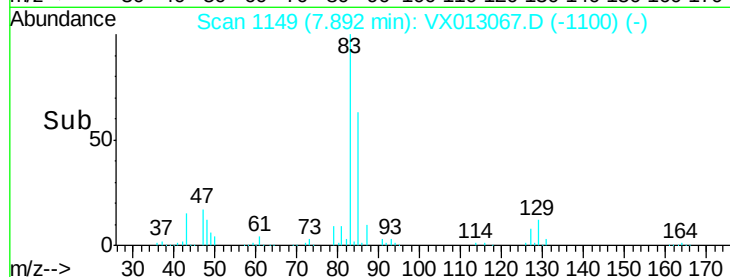
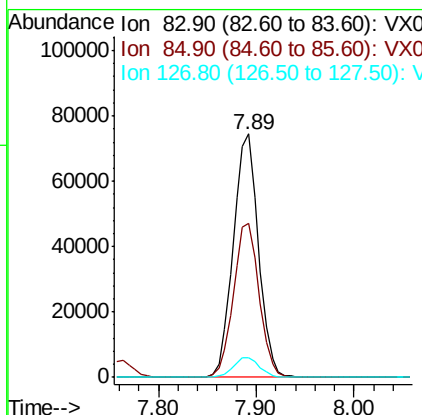
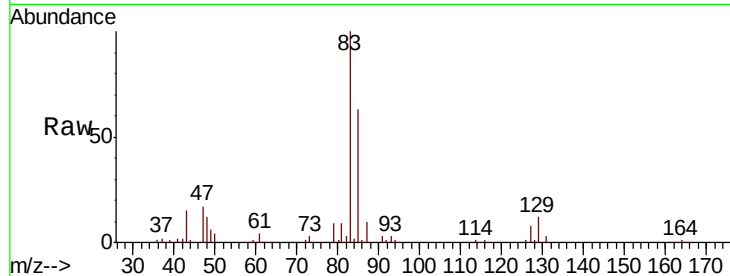
#47
Bromodichloromethane
Concen: 53.929 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.4	78.6
127	7.9	6.6	10.0

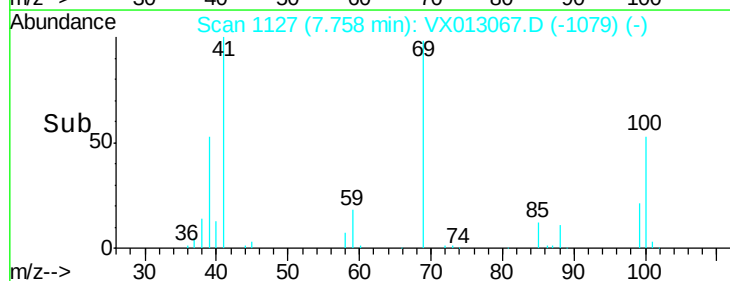
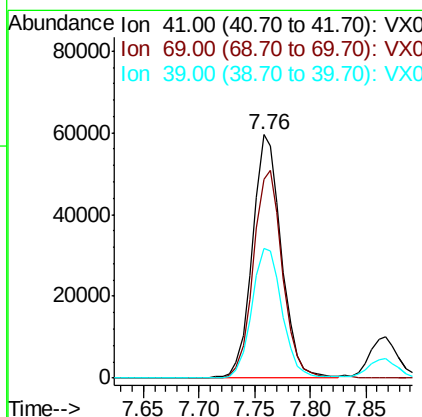
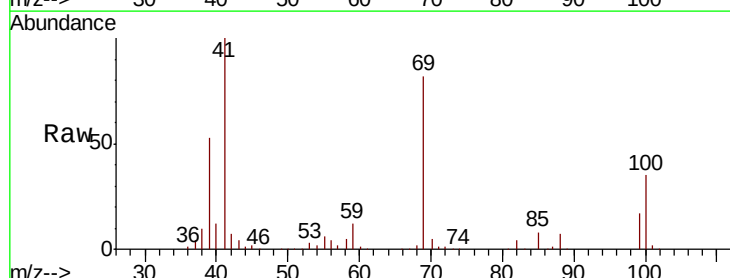
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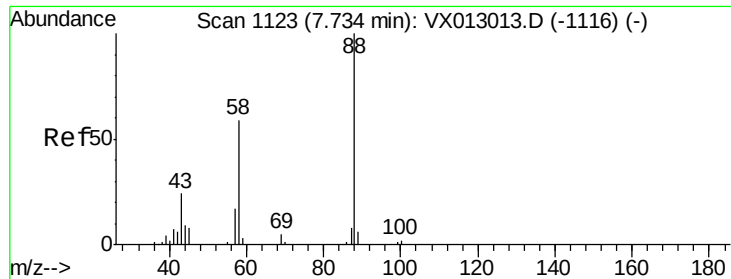
MMDadoda
10/16/2019 9:58:08 AM



#48
Methyl methacrylate
Concen: 49.242 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.1	68.7	103.1
39	55.9	44.3	66.5





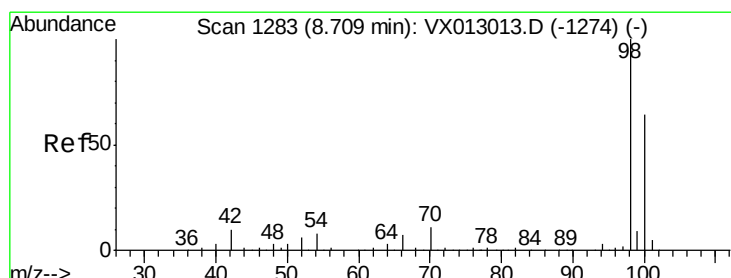
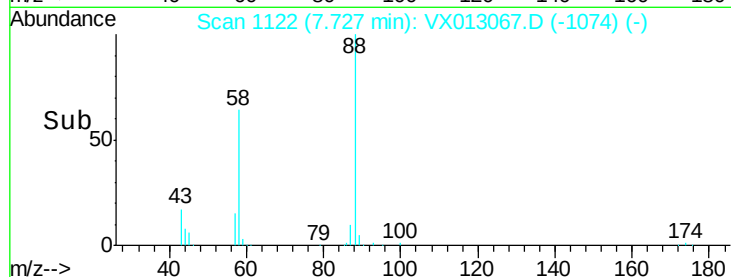
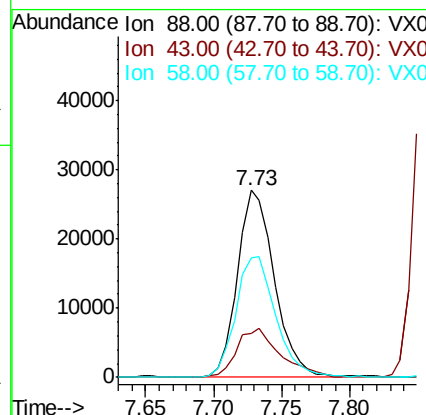
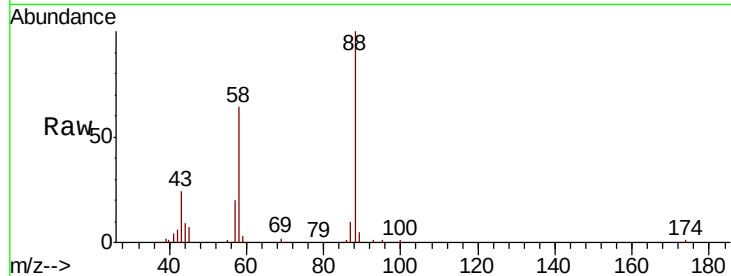
#49
1,4-Dioxane
Concen: 876.201 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.0	37.6
58	69.7	55.4	83.2

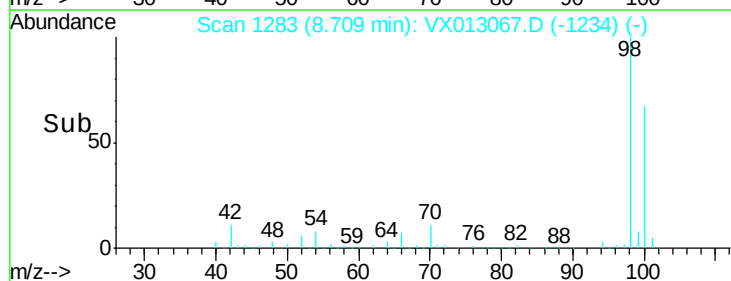
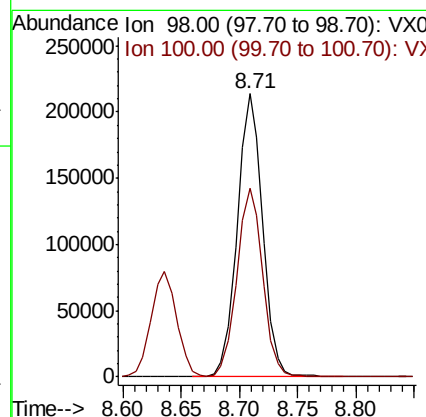
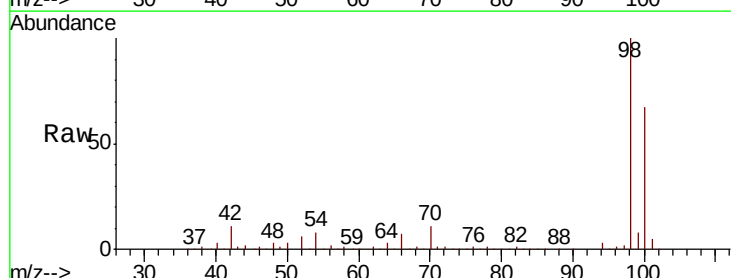
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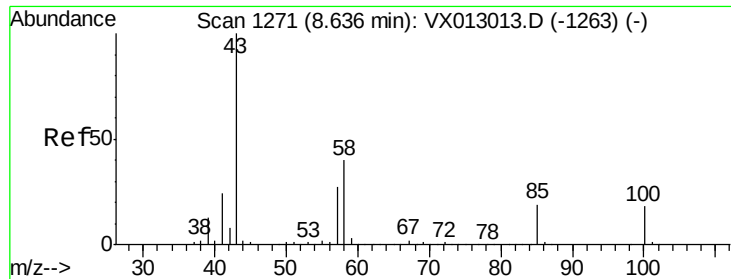
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#50
Toluene-d8
Concen: 50.475 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 241.086 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 679862

Ion Ratio Lower Upper

43 100

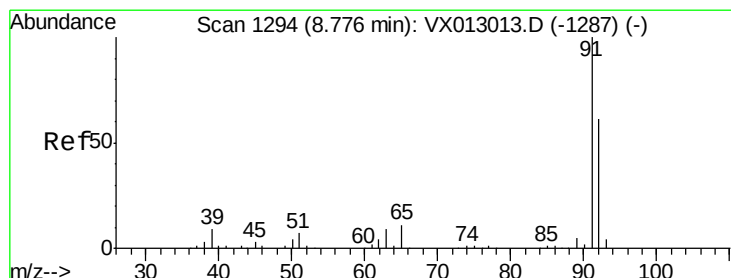
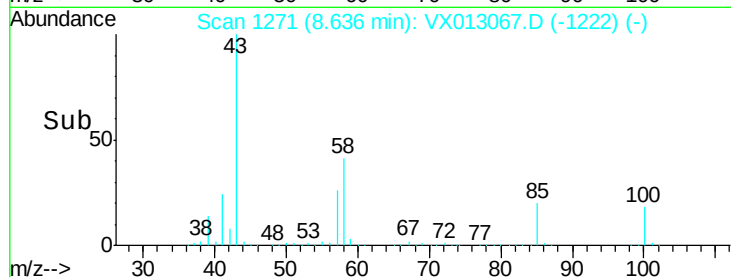
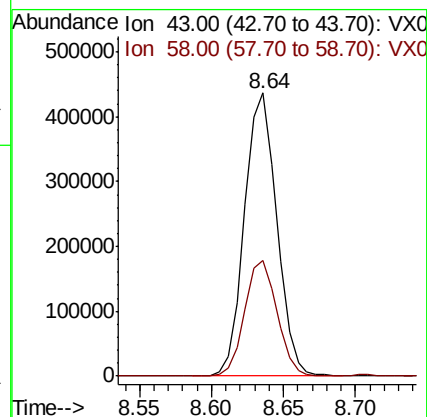
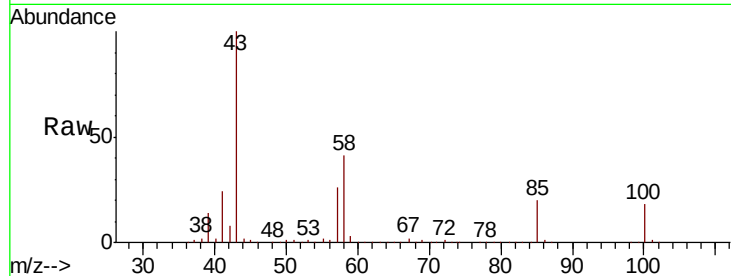
58 40.9 32.4 48.6

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#52

Toluene

Concen: 52.130 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013067.D

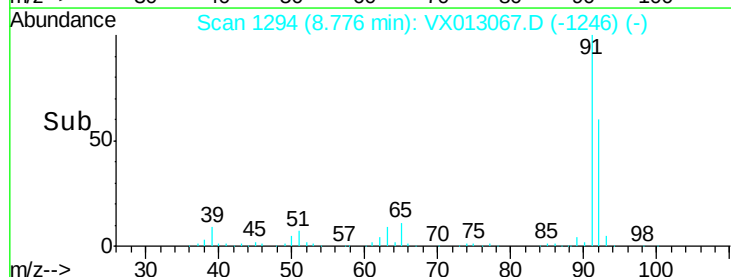
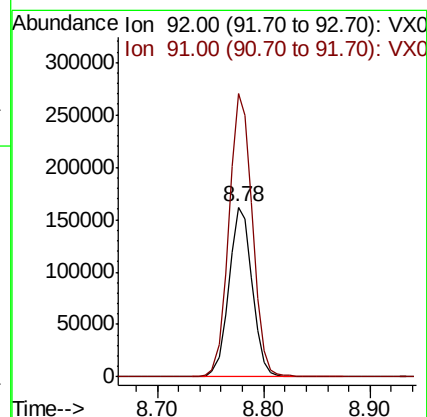
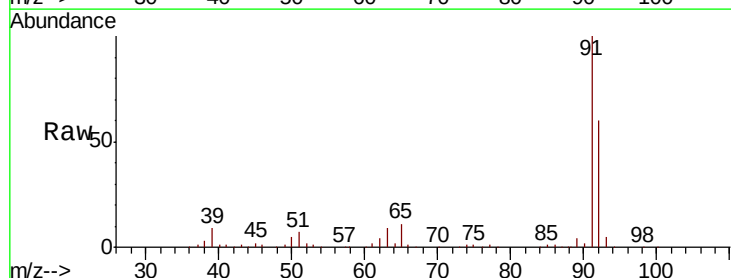
Acq: 15 Oct 2019 10:27

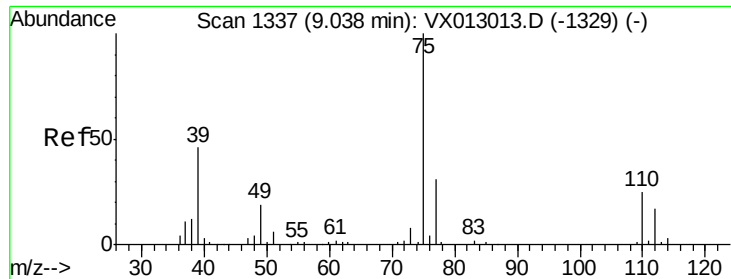
Tgt Ion: 92 Resp: 248239

Ion Ratio Lower Upper

92 100

91 168.5 135.9 203.9





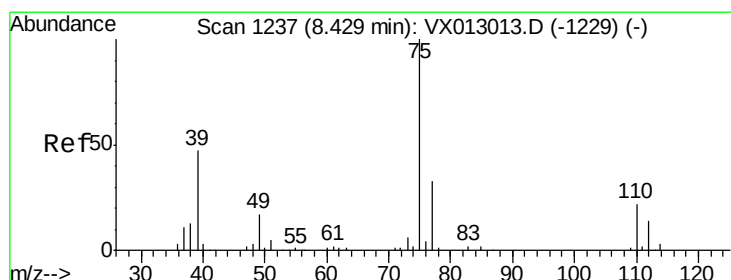
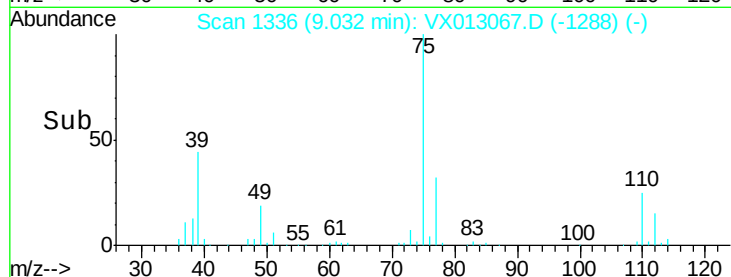
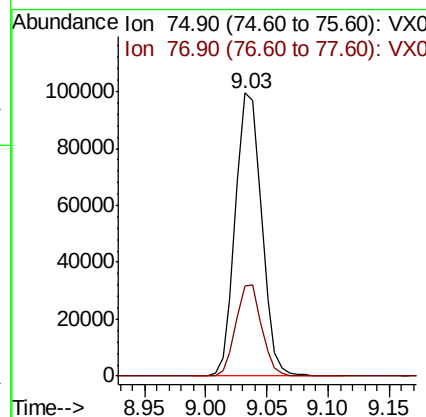
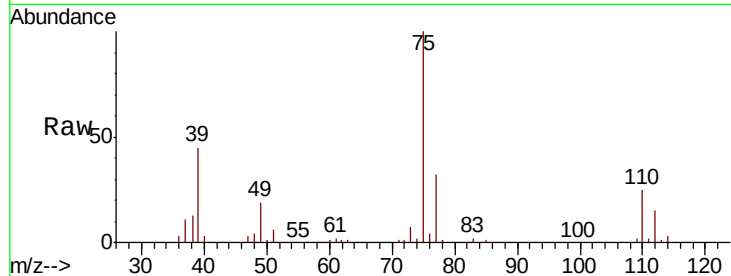
#53
 t-1,3-Dichloropropene
 Concen: 48.057 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6

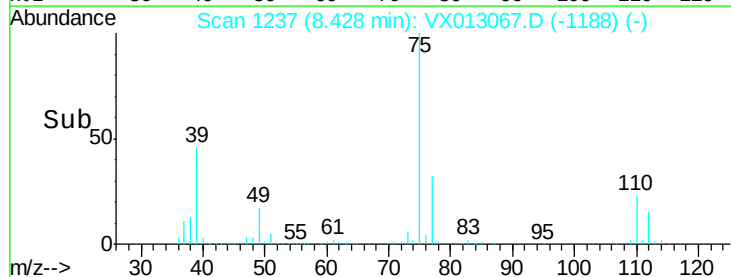
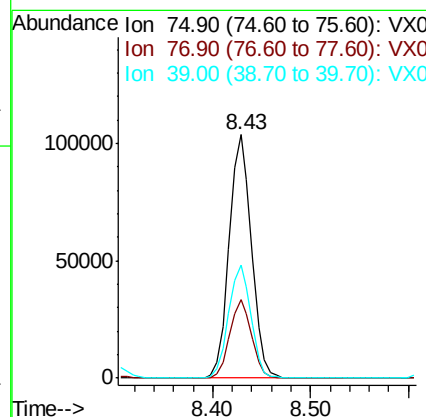
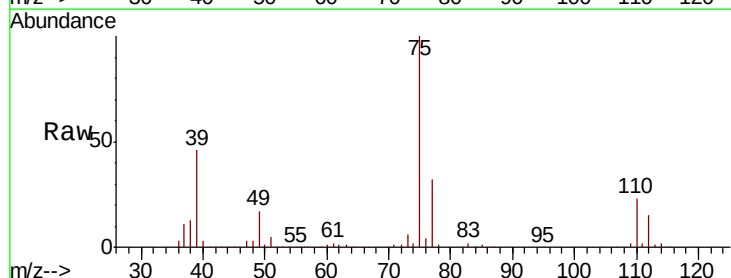
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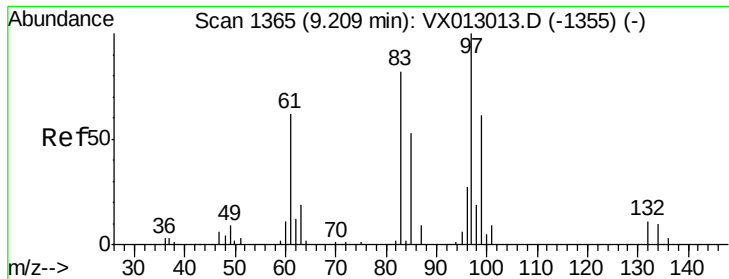
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#54
 cis-1,3-Dichloropropene
 Concen: 53.975 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.8
39	46.2	38.2	57.2





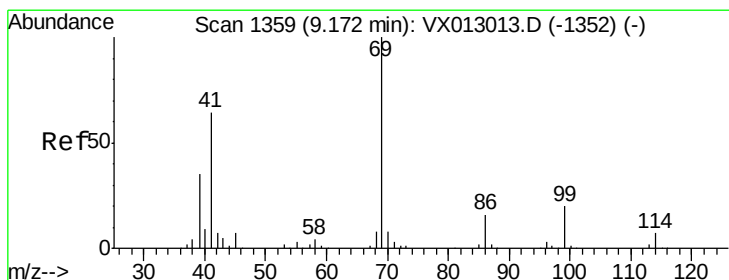
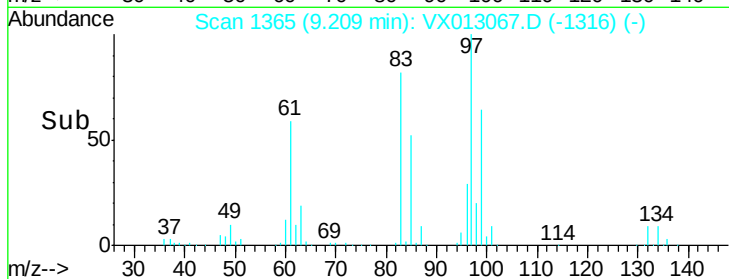
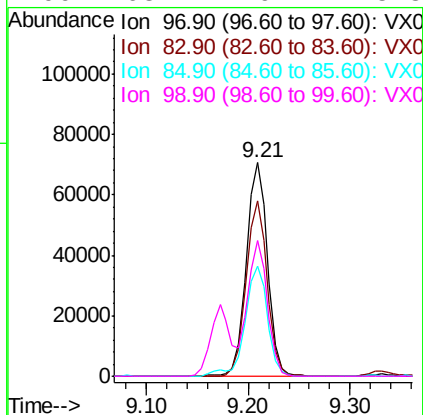
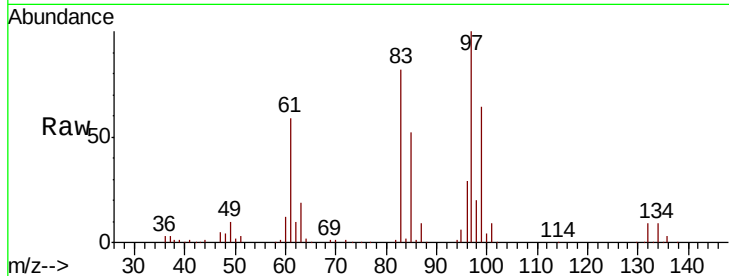
#55
 1,1,2-Trichloroethane
 Concen: 54.216 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	102170
Ion Ratio	Lower	Upper	
97	100		
83	81.8	66.5	99.7
85	51.7	43.1	64.7
99	63.7	49.2	73.8

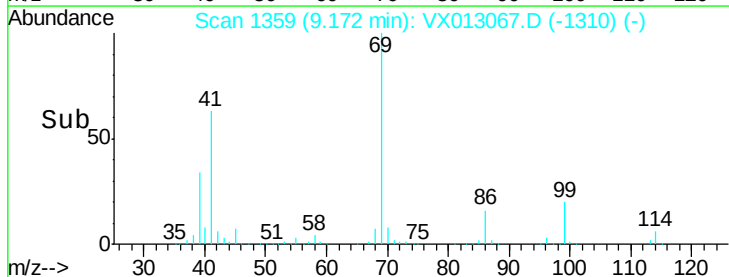
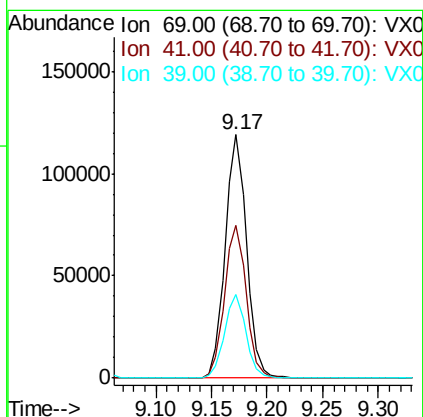
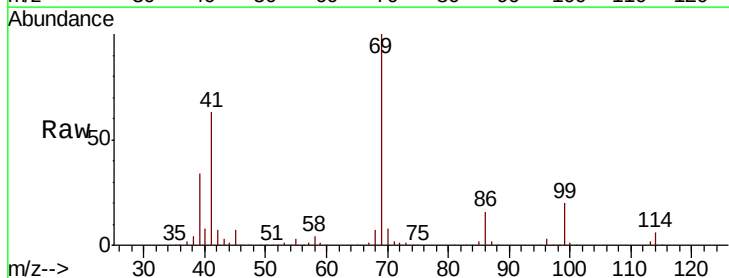
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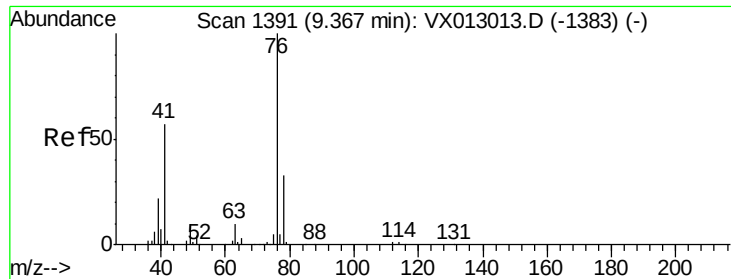
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#56
 Ethyl methacrylate
 Concen: 47.146 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	69	Resp	158729
Ion Ratio	Lower	Upper	
69	100		
41	64.0	52.1	78.1
39	34.3	27.8	41.8





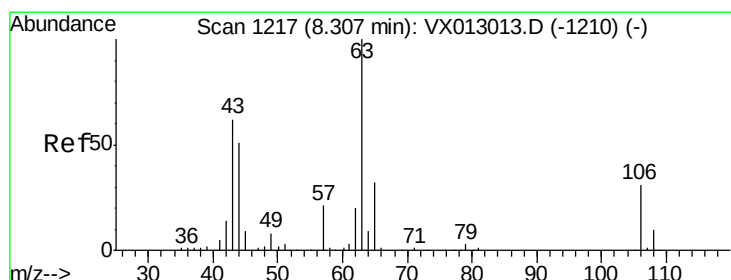
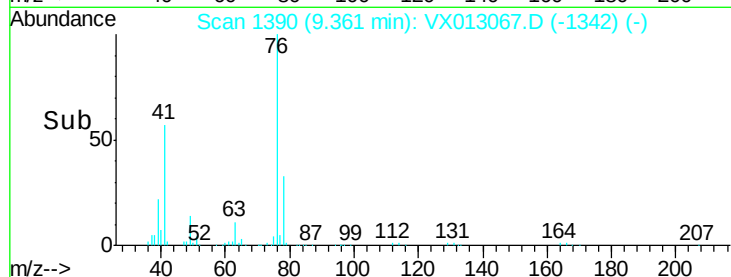
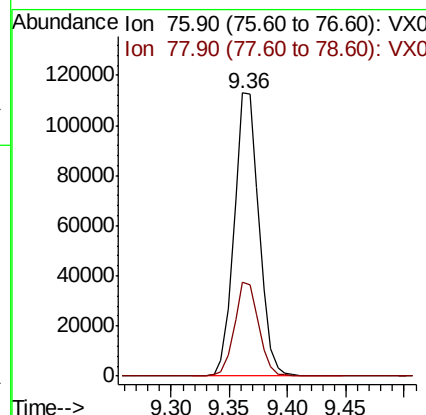
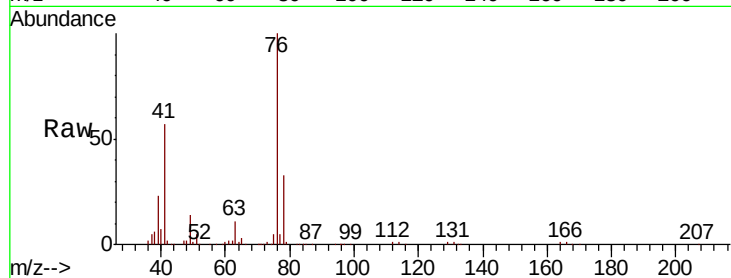
#57
 1,3-Dichloropropane
 Concen: 51.209 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 166932
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

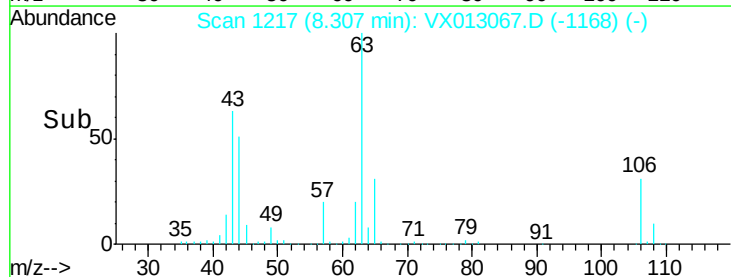
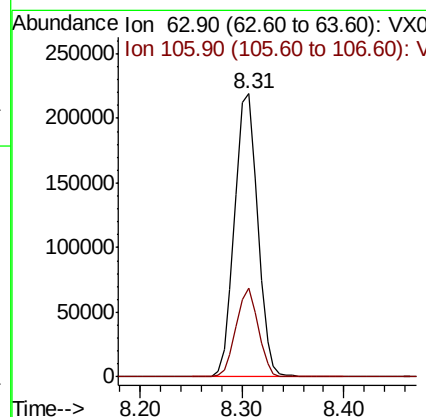
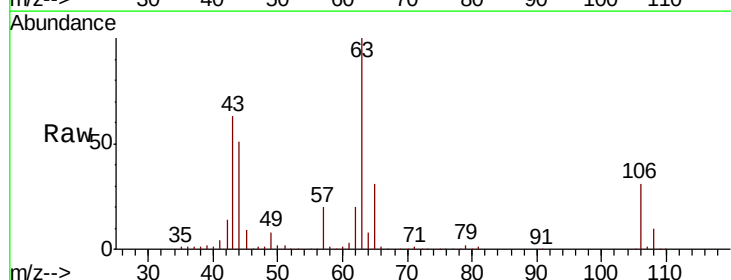
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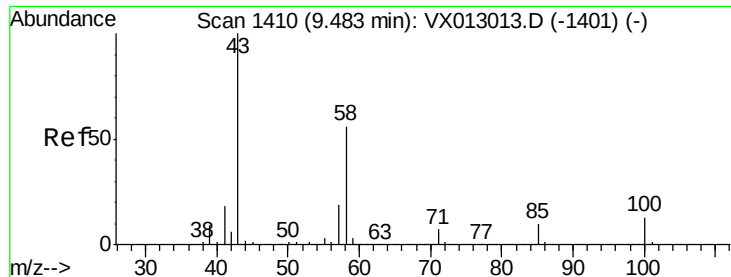
MMDadoda
 10/16/2019 9:58:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.341 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 63 Resp: 343802
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.8 35.8





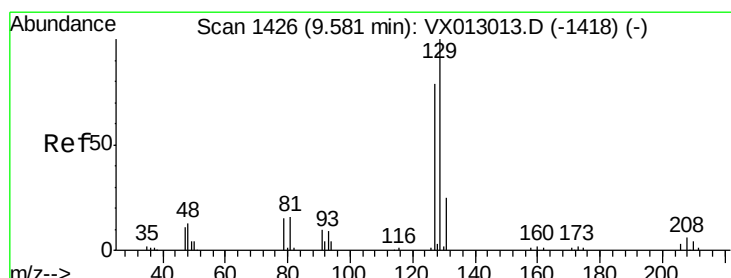
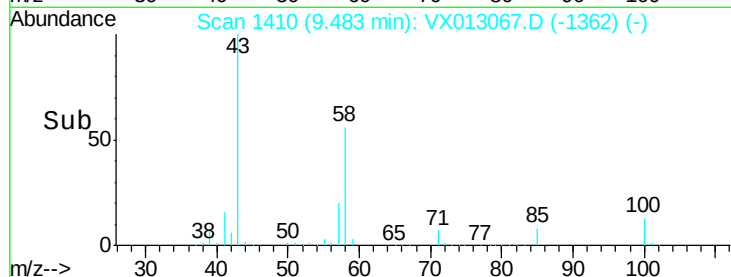
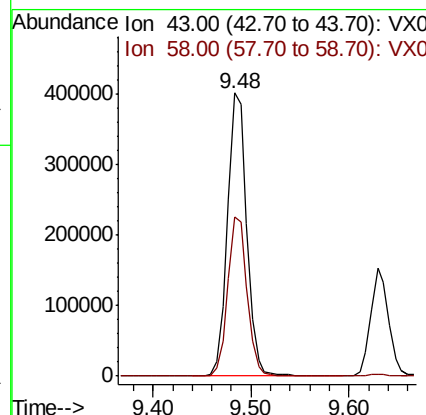
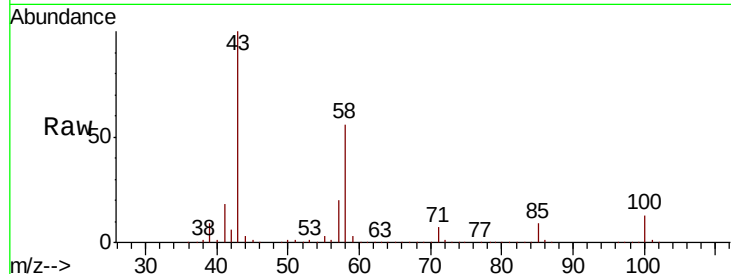
#59
2-Hexanone
Concen: 251.056 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 551116
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3

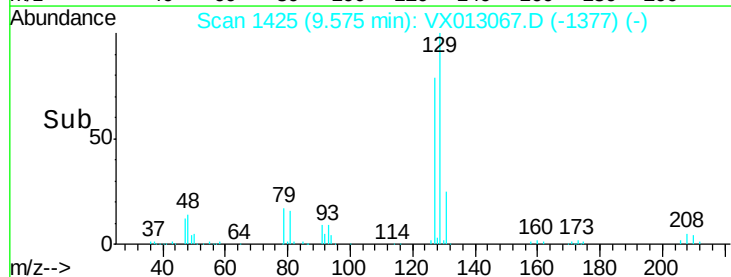
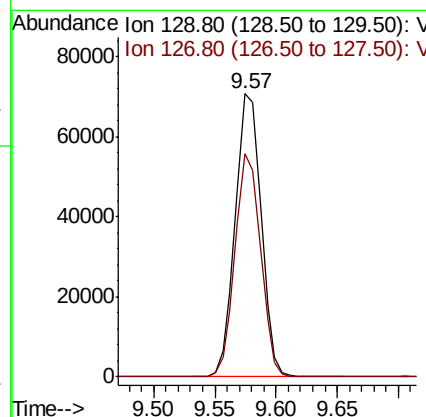
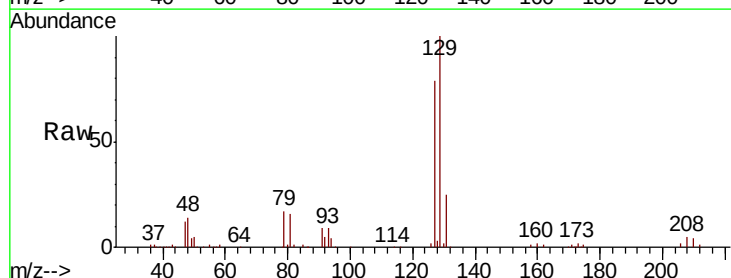
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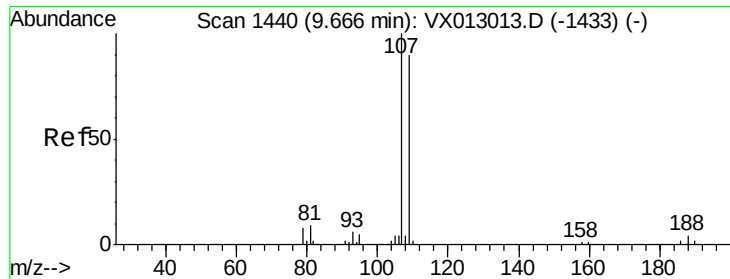
MMDadoda
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#60
Dibromochloromethane
Concen: 49.503 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 129 Resp: 103774
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.278 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 103637

Ion Ratio Lower Upper

107 100

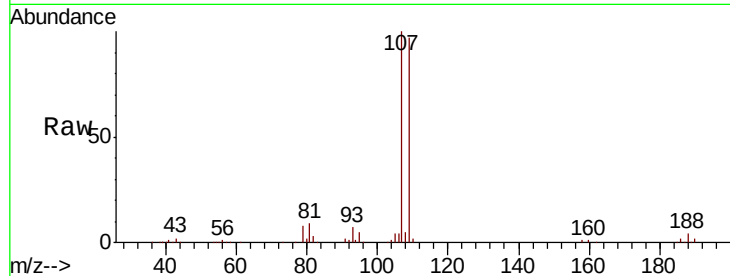
109 94.1 75.8 113.6

Manual Integrations

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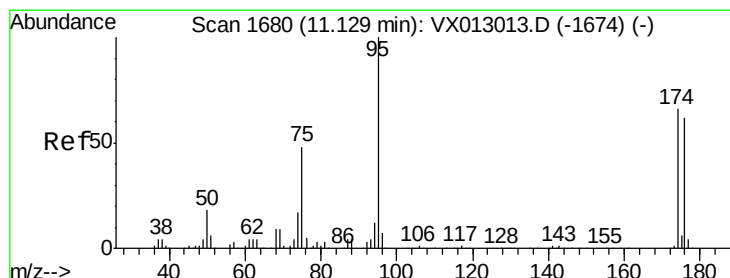
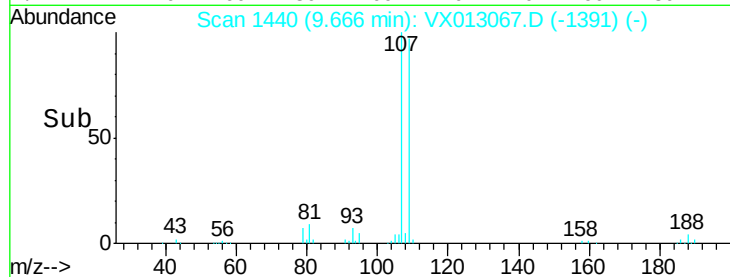
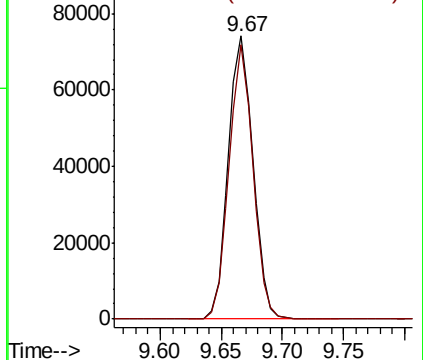
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.753 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

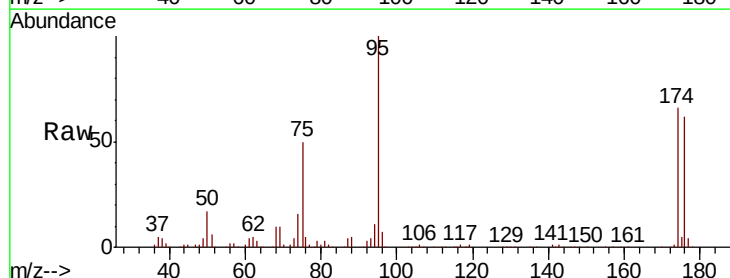
Tgt Ion: 95 Resp: 131525

Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.4

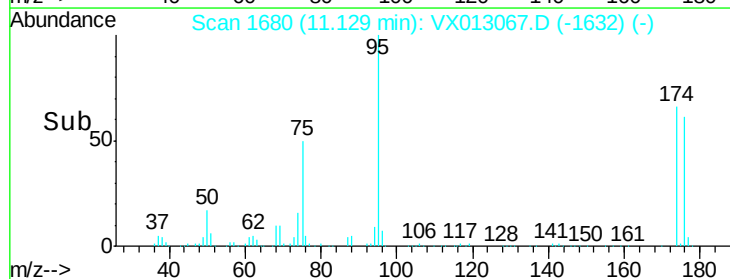
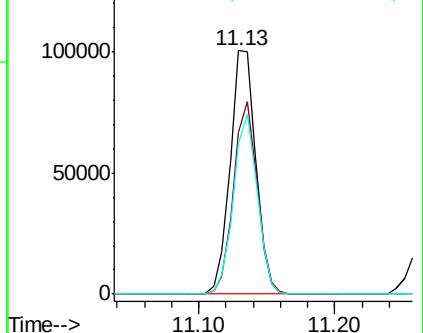
176 69.4 0.0 136.0

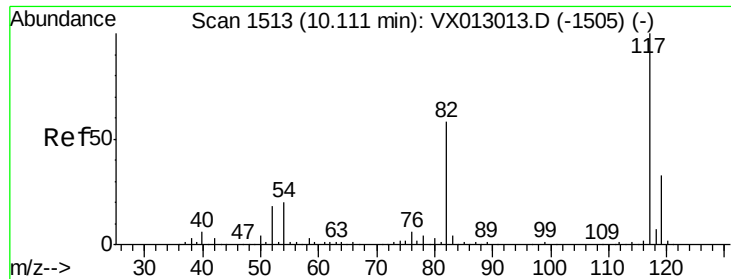


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





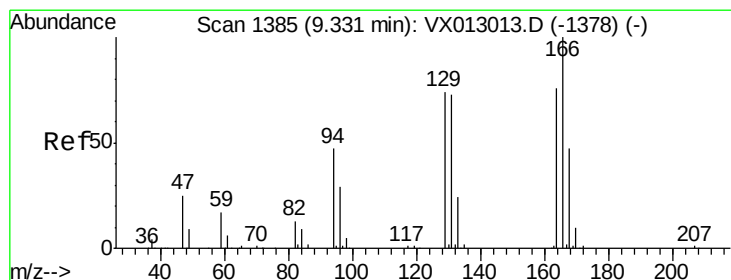
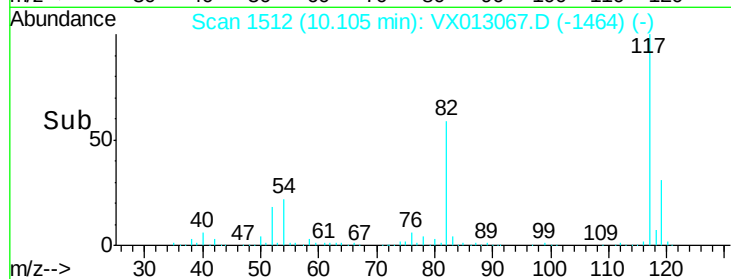
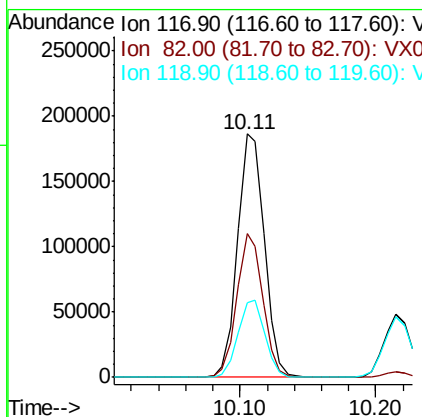
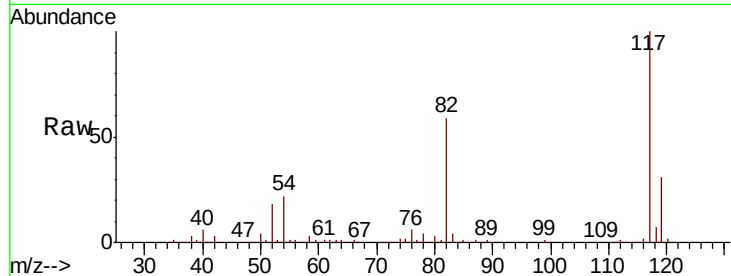
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	44.1	66.1
119	30.8	25.8	38.8

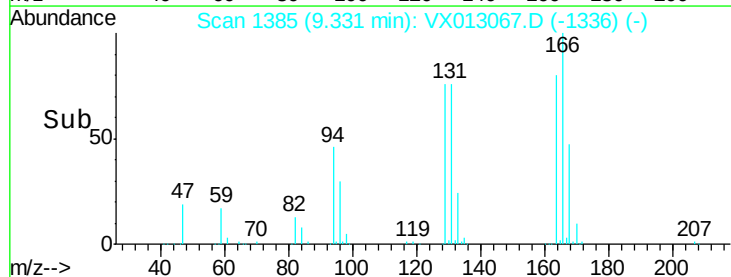
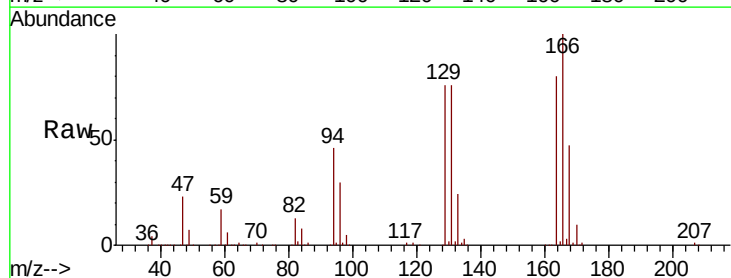
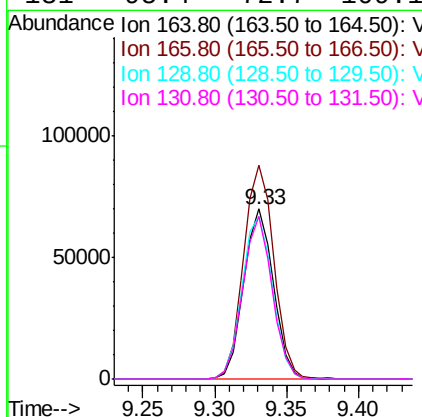
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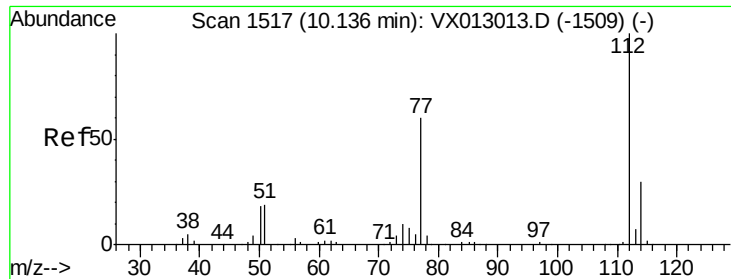
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#64
Tetrachloroethene
Concen: 56.168 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	96.9	145.3
129	95.9	77.9	116.9
131	95.4	72.7	109.1





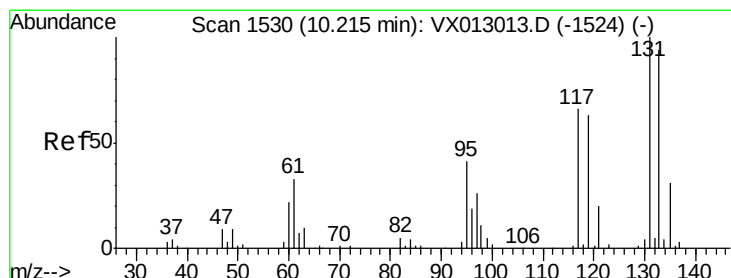
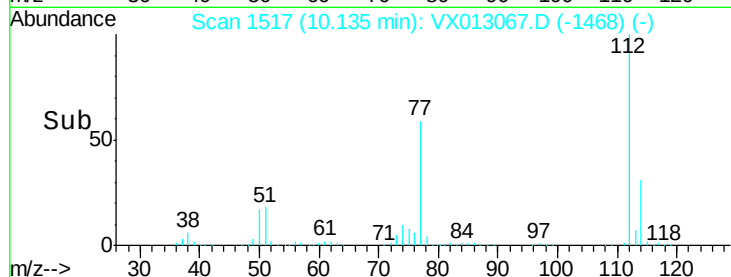
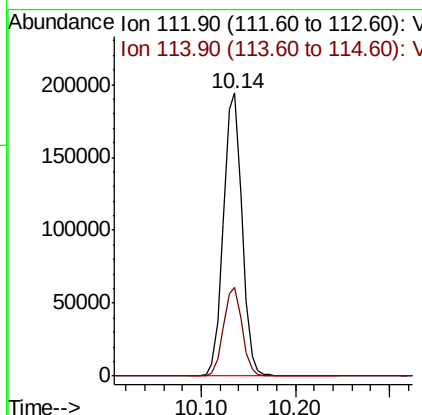
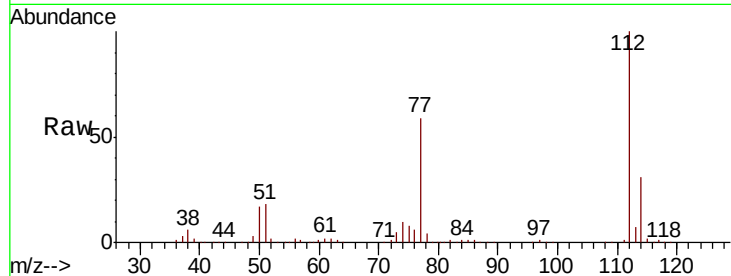
#65
Chlorobenzene
Concen: 52.257 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 265615
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

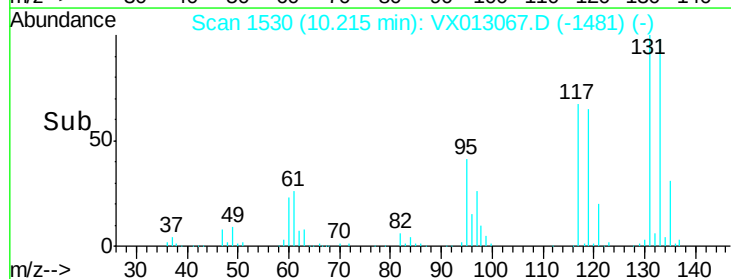
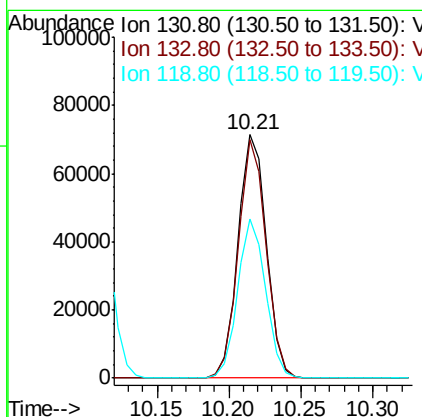
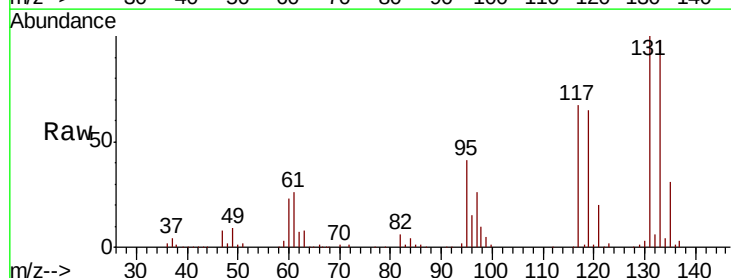
Manual Integrations
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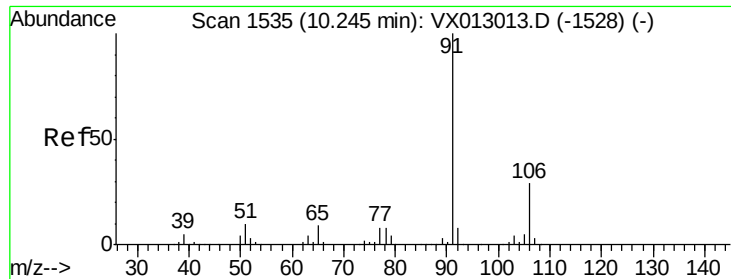
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.350 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion:131 Resp: 97545
Ion Ratio Lower Upper
131 100
133 96.1 47.2 141.6
119 64.6 32.6 98.0





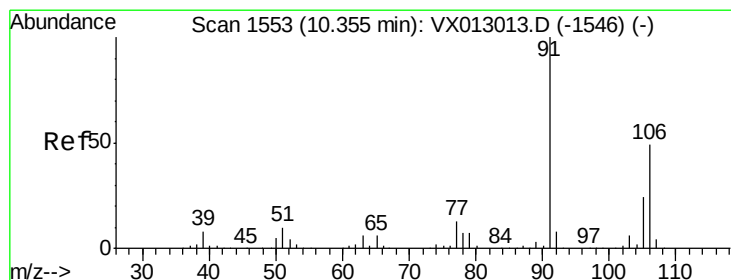
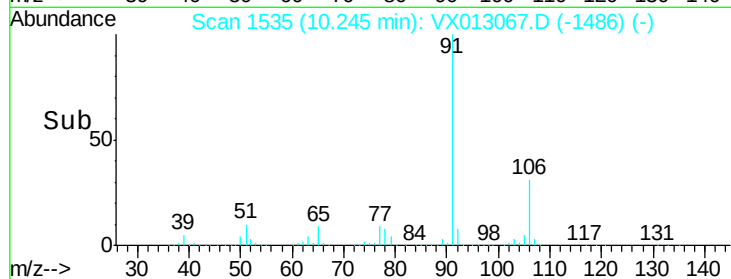
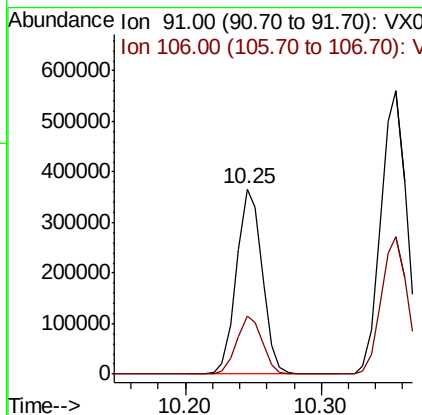
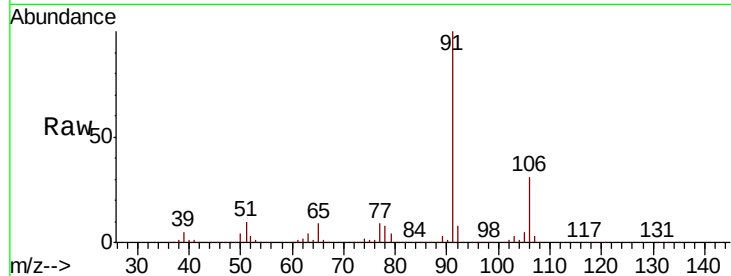
#67
Ethyl Benzene
Concen: 53.413 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 482248
Ion Ratio Lower Upper
91 100
106 31.2 23.9 35.9

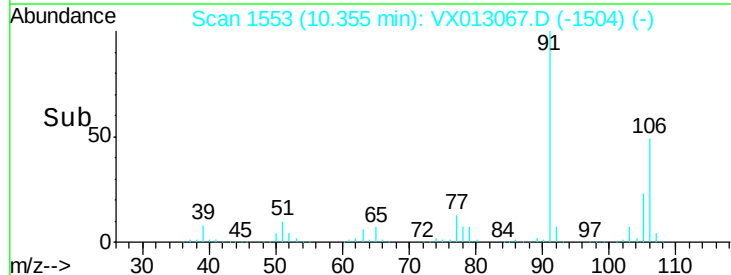
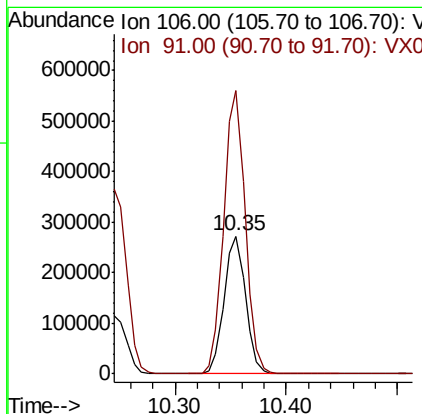
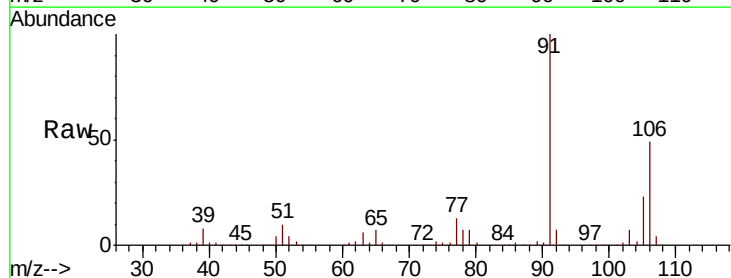
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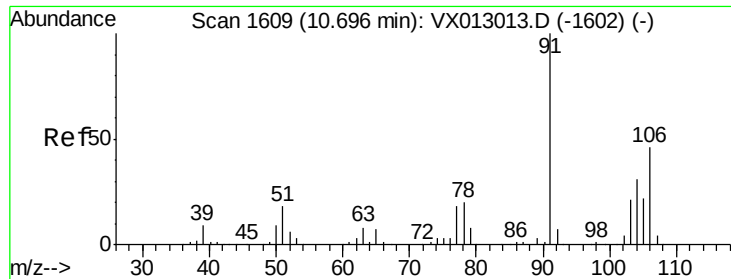
MMDadoda
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#68
m/p-Xylenes
Concen: 108.110 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 106 Resp: 364648
Ion Ratio Lower Upper
106 100
91 204.7 165.3 247.9





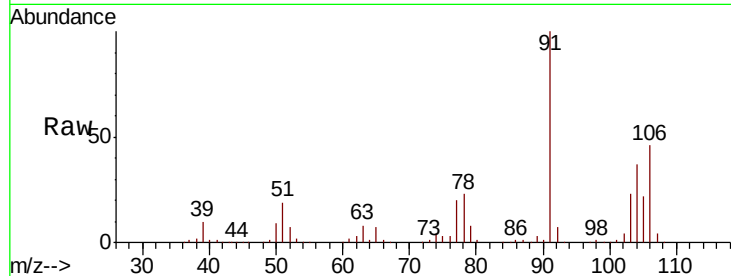
#69
o-Xylene
Concen: 53.955 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

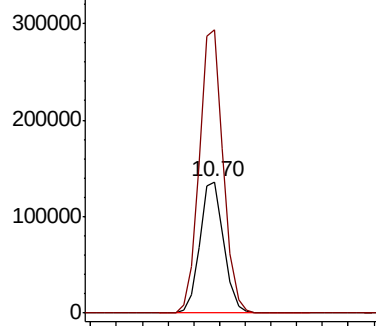
Tot Ion:106 Resp: 177467
Ion Ratio Lower Upper
106 100
91 215.4 109.1 327.3

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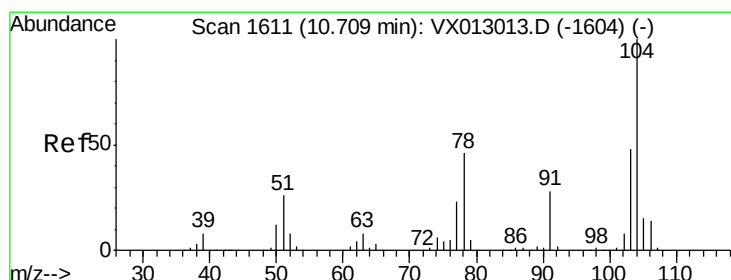
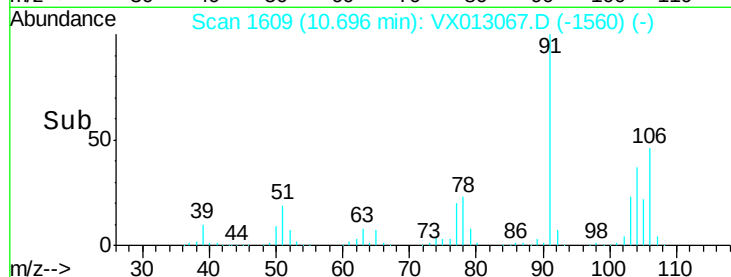
MMDadoda
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

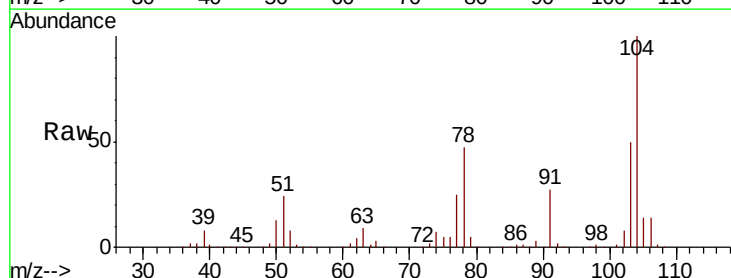


Time--> 10.60 10.70 10.80

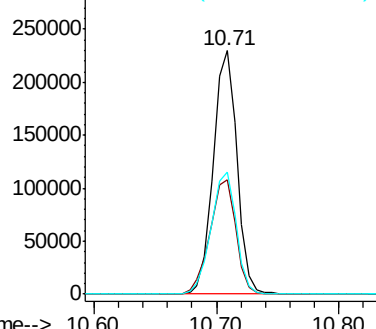


#70
Styrene
Concen: 55.101 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

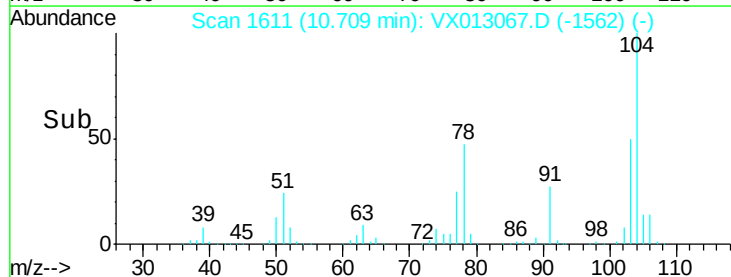
Tgt Ion:104 Resp: 308106
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 53.5 43.0 64.4

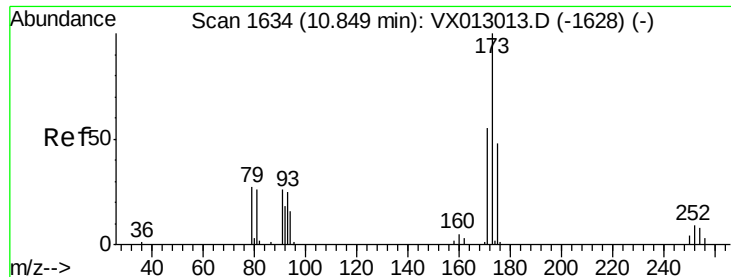


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 48.097 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 72018

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.3

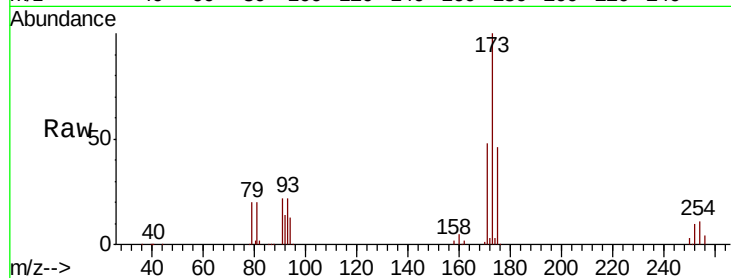
254 0.0 0.1 0.1#

Manual Integrations

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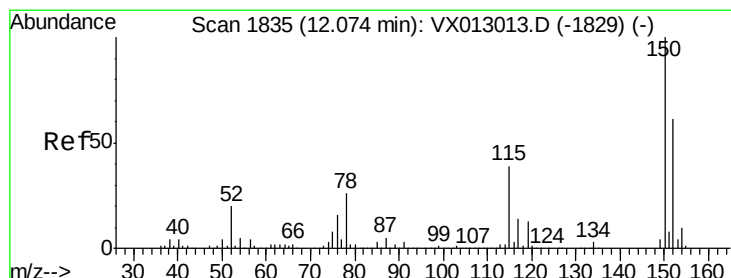
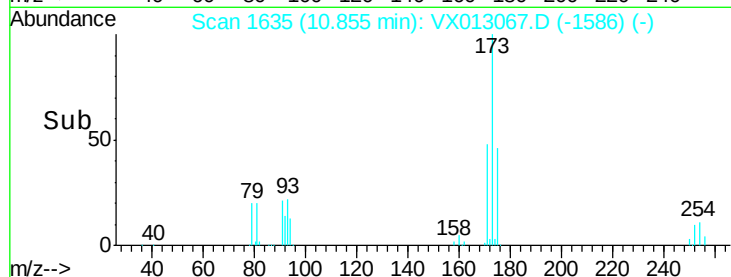
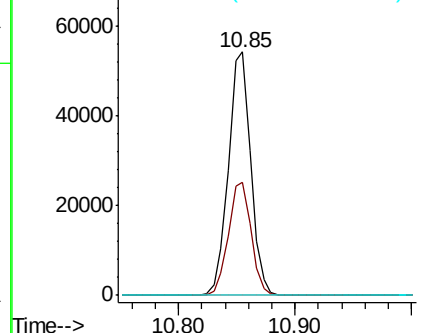
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

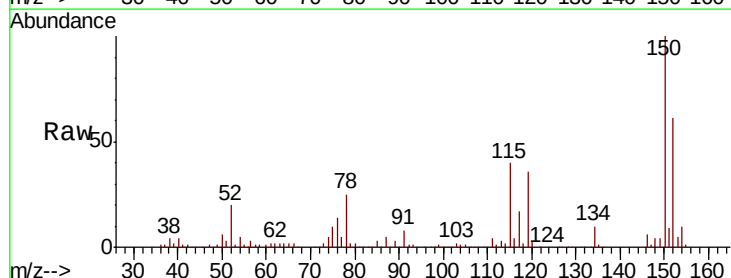
Tgt Ion:152 Resp: 126308

Ion Ratio Lower Upper

152 100

115 87.3 44.5 133.5

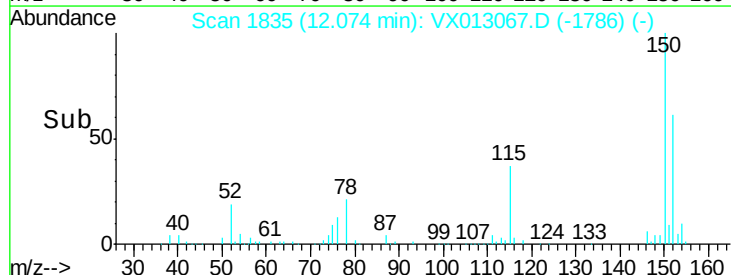
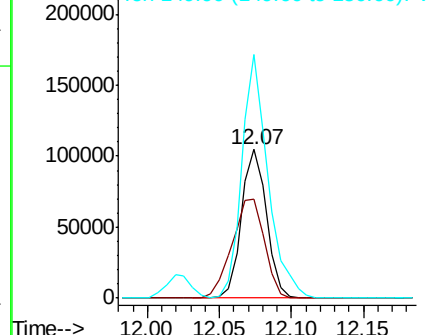
150 171.6 0.0 353.4

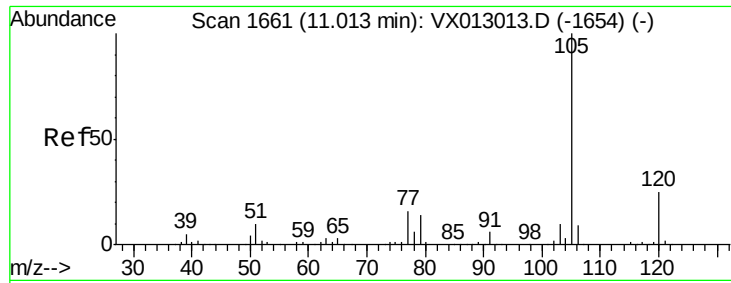


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





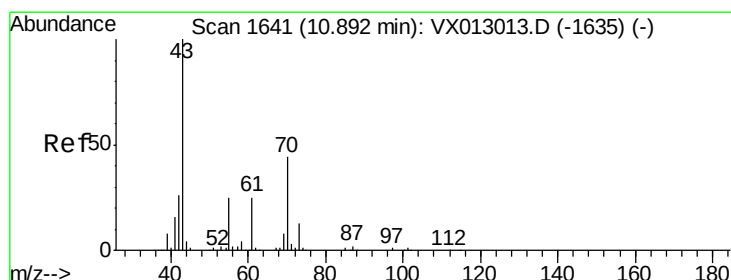
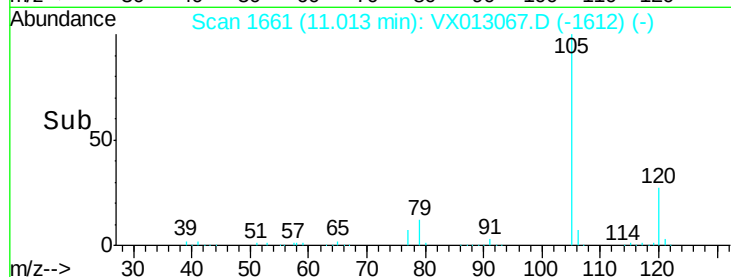
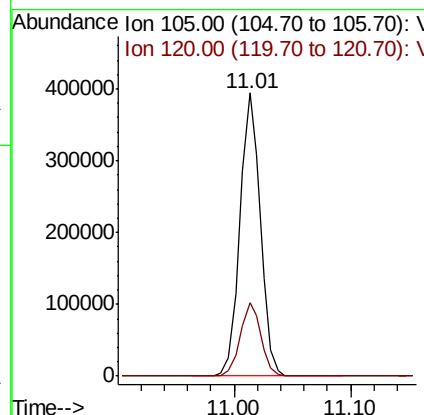
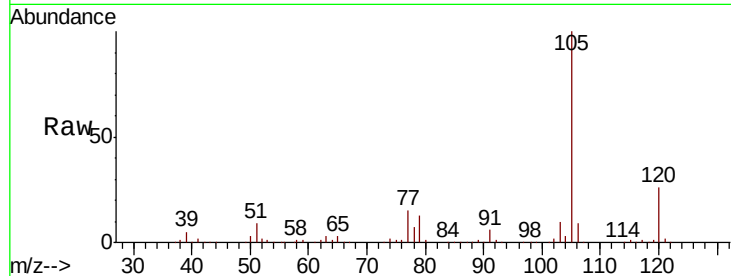
#73
Isopropylbenzene
Concen: 51.772 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 480779
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

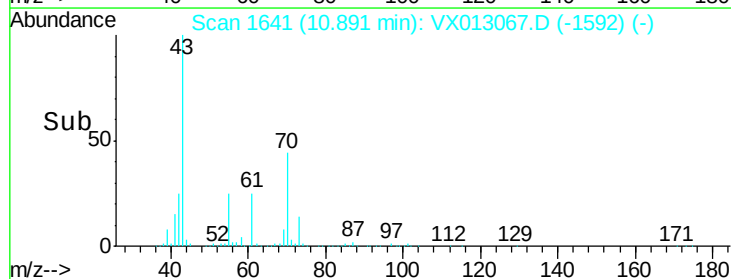
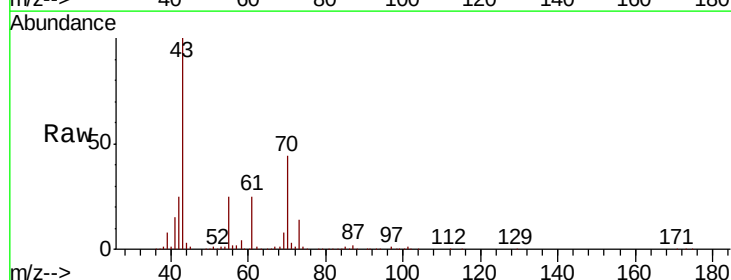
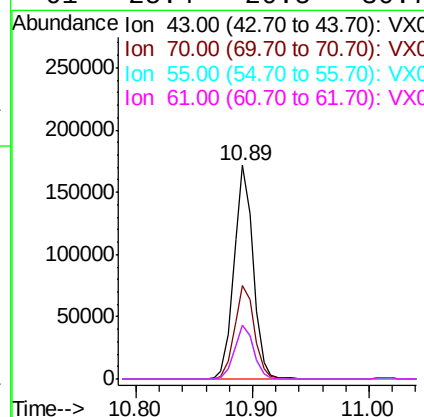
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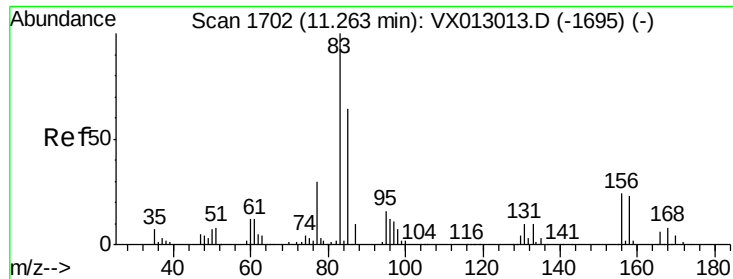
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#74
N-ethyl acetate
Concen: 48.909 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion: 43 Resp: 195608
Ion Ratio Lower Upper
43 100
70 45.6 36.4 54.6
55 25.6 20.2 30.2
61 25.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.870 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

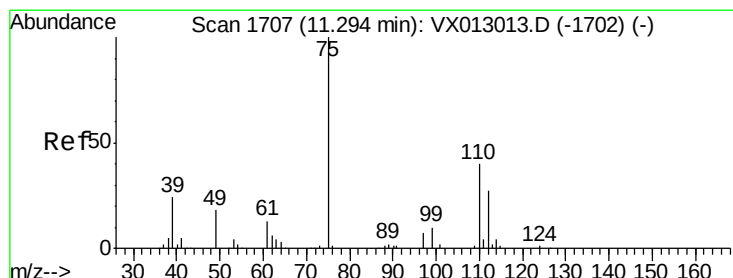
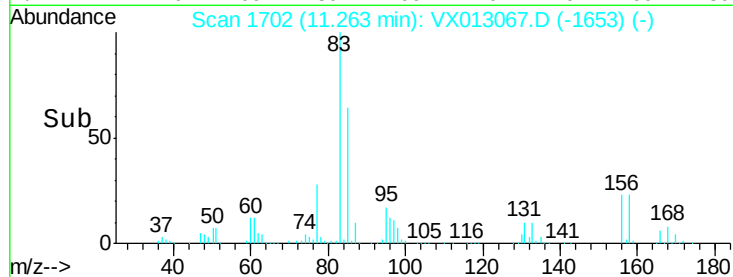
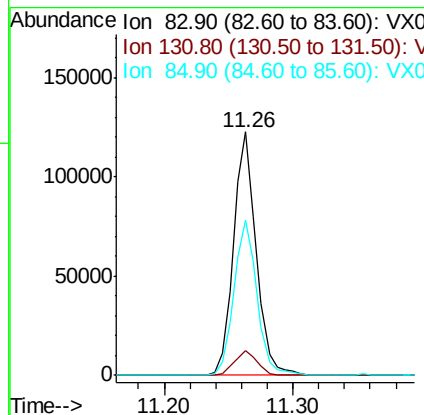
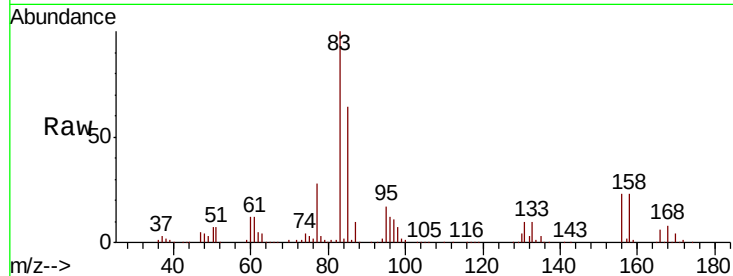
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	150942
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	64.7	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.794 ug/l m

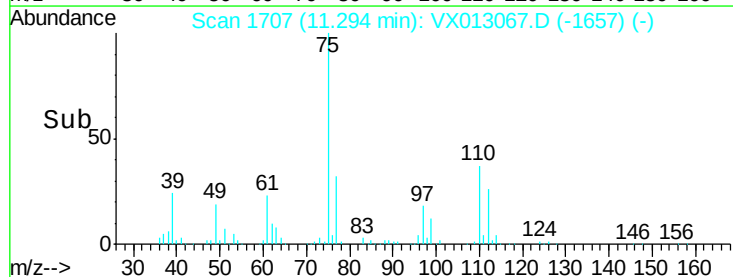
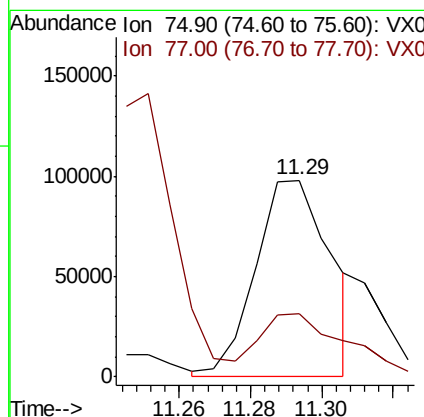
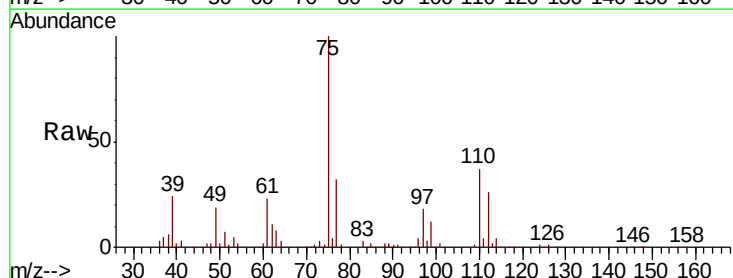
RT: 11.29 min Scan# 1707

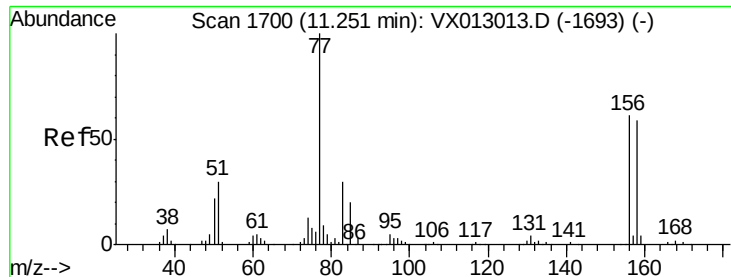
Delta R.T. 0.01 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion:	75	Resp:	145102
Ion	Ratio	Lower	Upper
75	100		
77	37.2	22.9	68.8





#77

Bromobenzene

Concen: 51.356 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

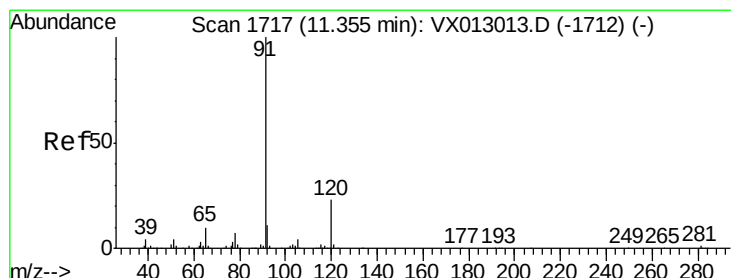
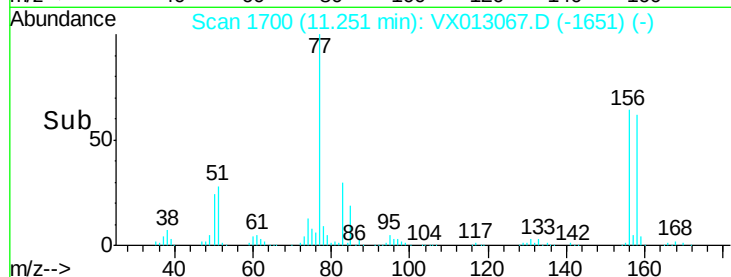
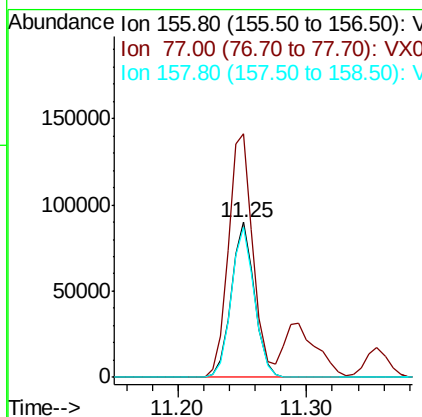
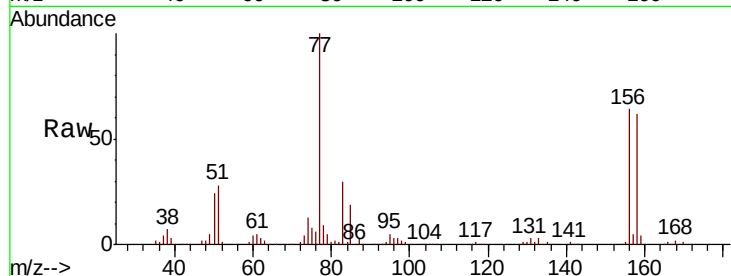
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	168.1	83.7	251.0
158	97.0	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 52.482 ug/l

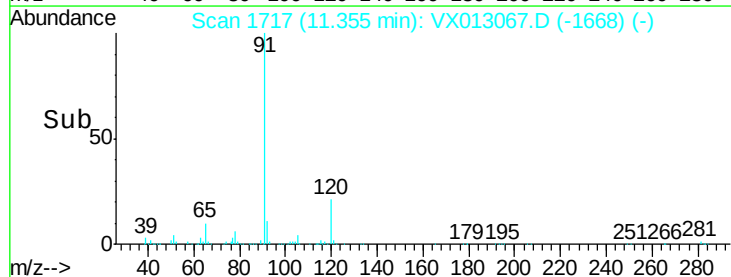
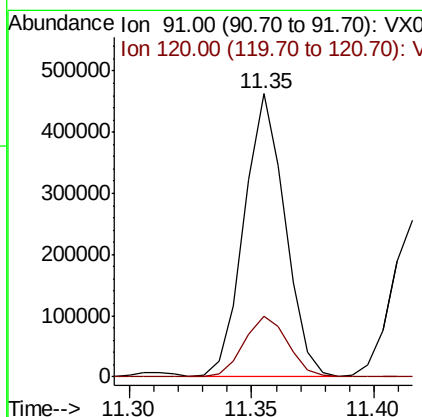
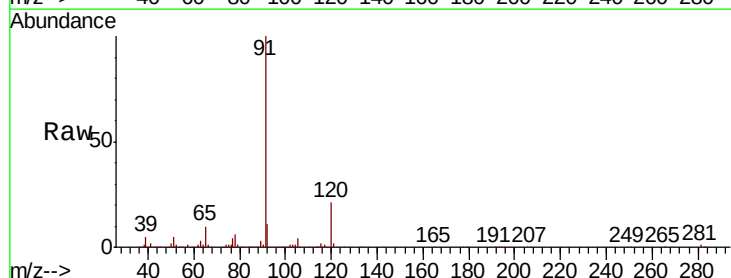
RT: 11.35 min Scan# 1717

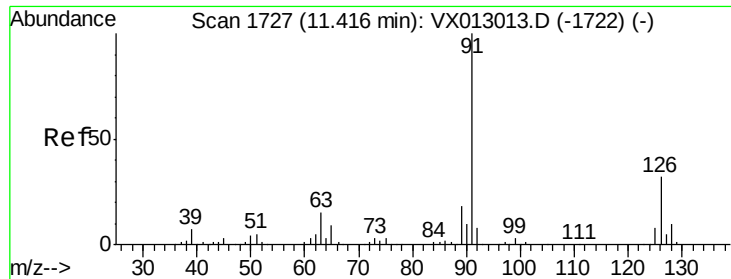
Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.1





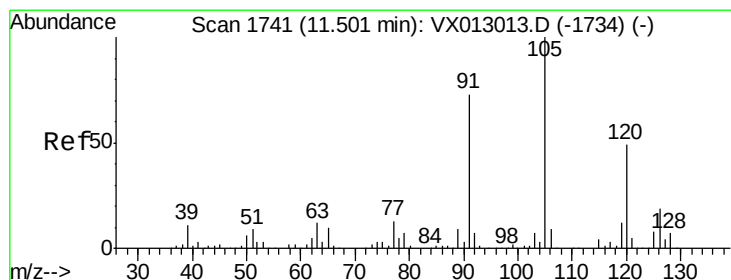
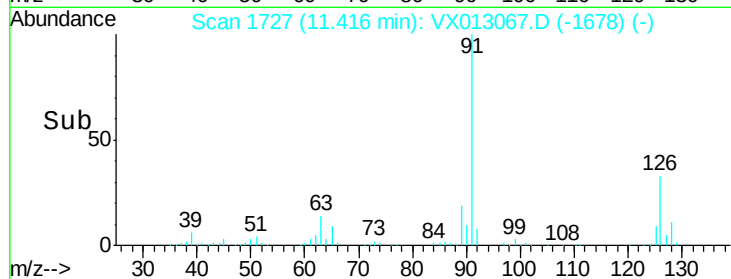
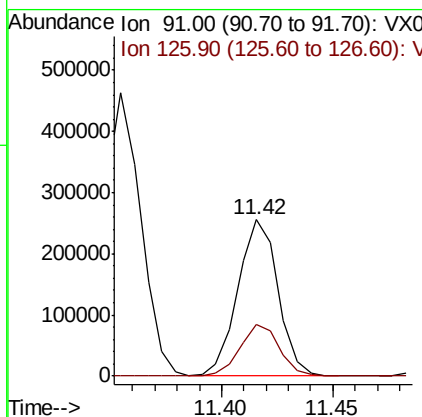
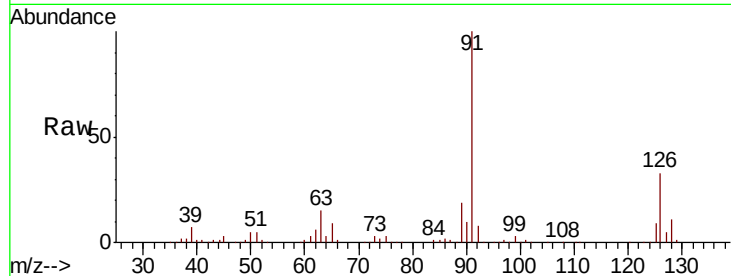
#79
 2-Chlorotoluene
 Concen: 49.926 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 320626
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8

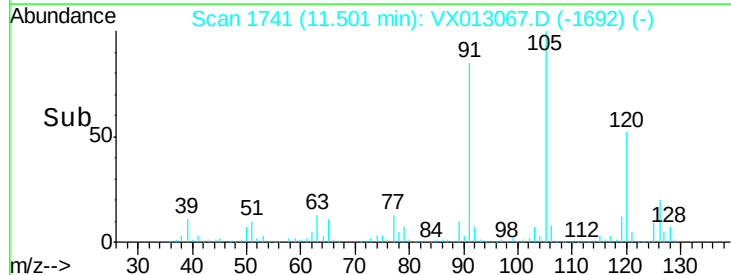
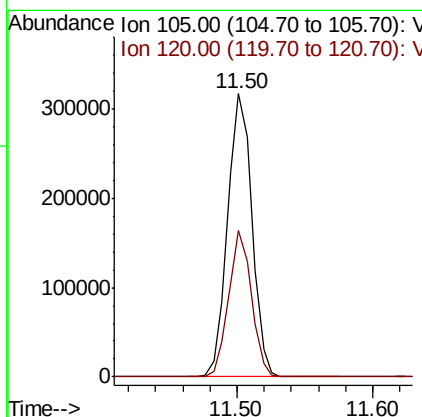
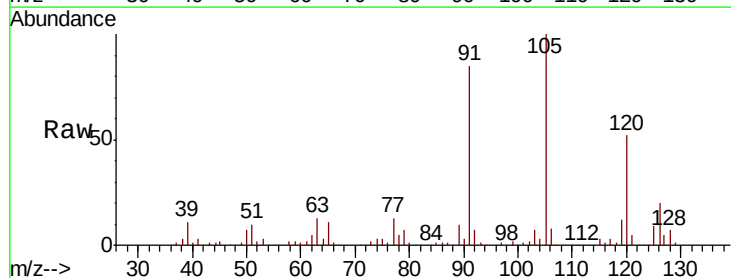
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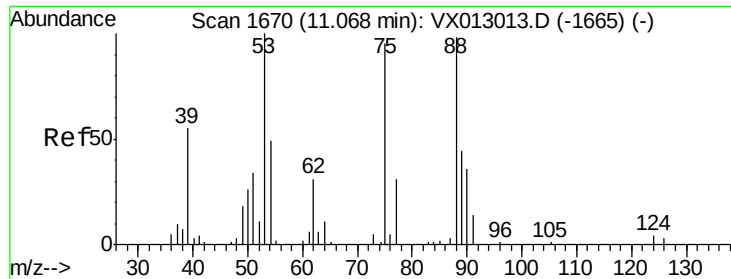
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.809 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion: 105 Resp: 393984
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.3





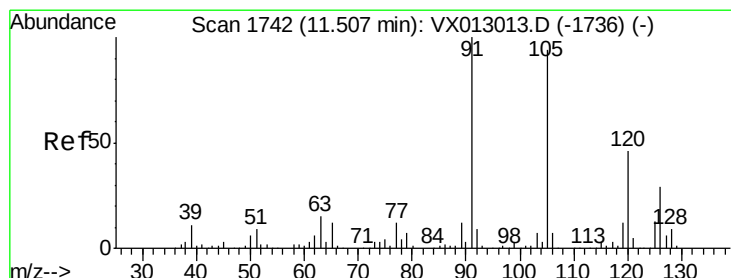
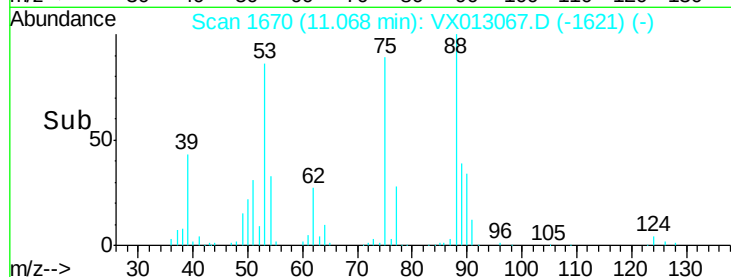
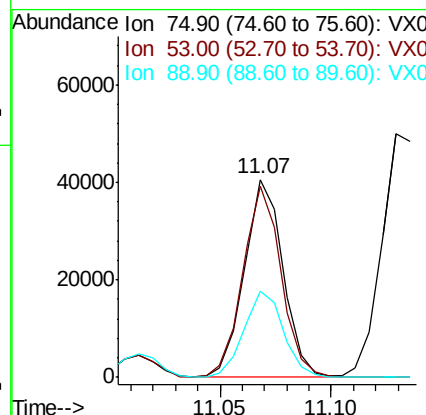
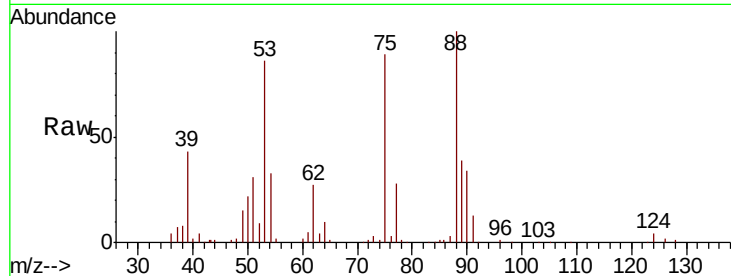
#81
trans-1,4-Dichloro-2-butene
Concen: 45.580 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	78.5	117.7
89	44.1	37.4	56.2

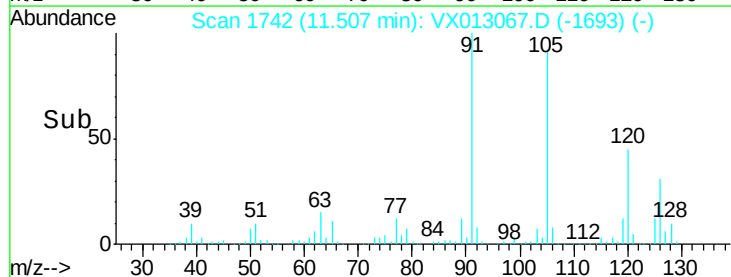
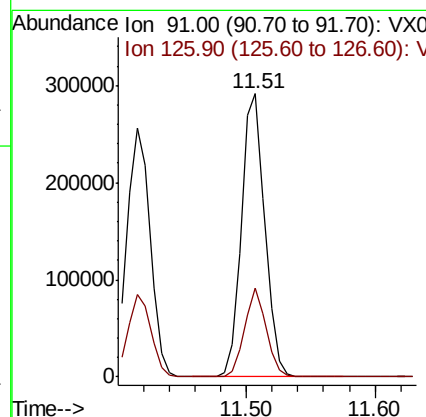
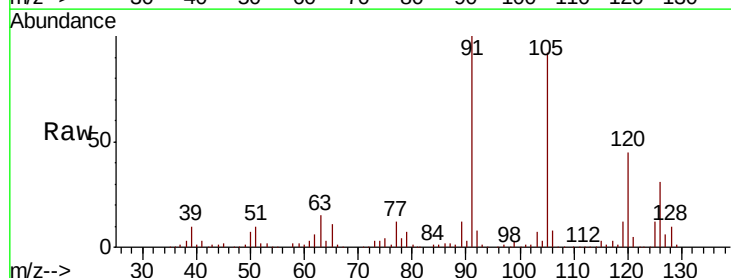
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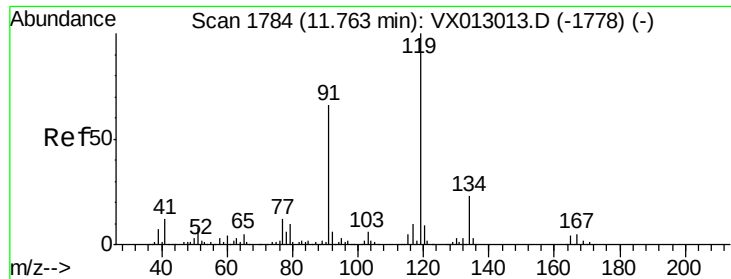
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.866 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.2	42.6





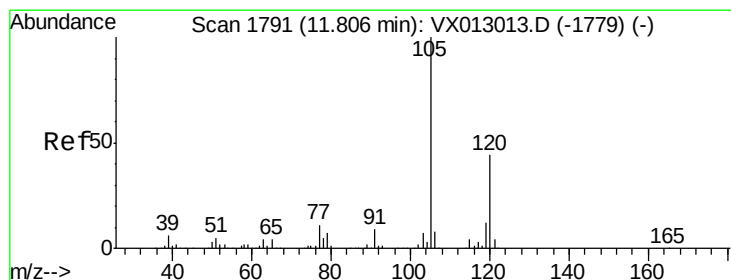
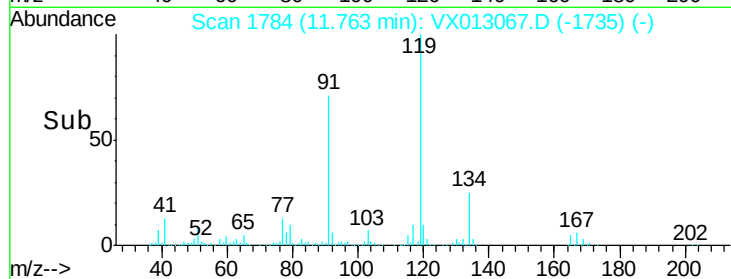
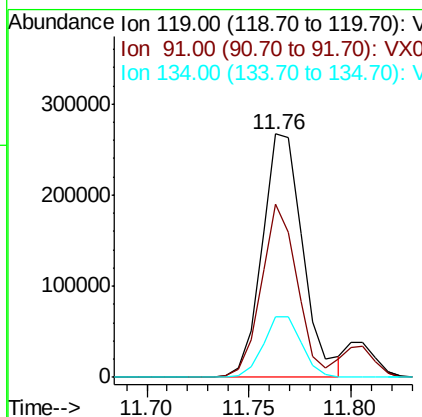
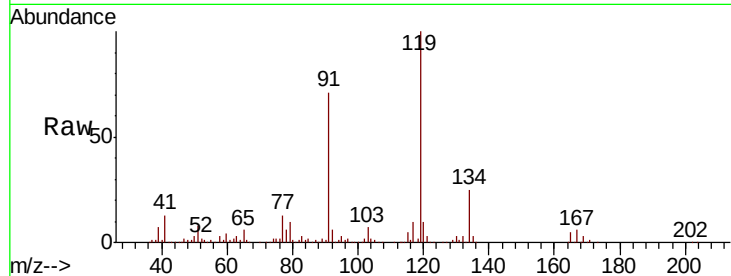
#83
 tert-Butylbenzene
 Concen: 49.047 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	29.3	87.9
134	23.8	11.5	34.4

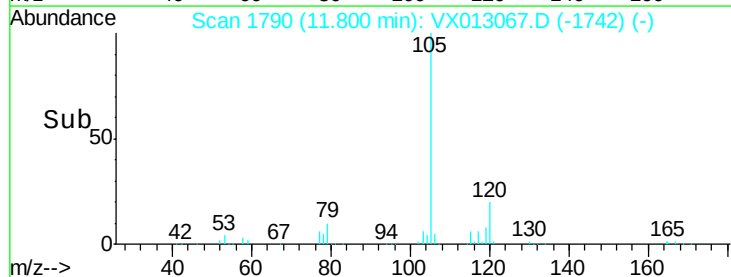
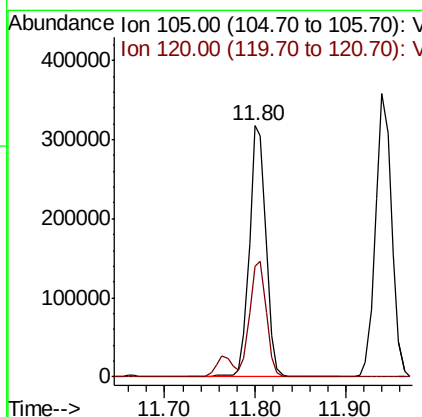
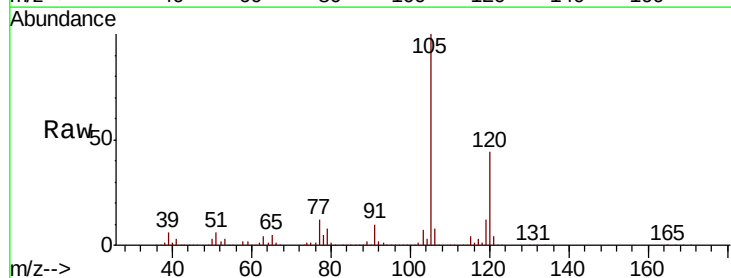
Manual Integrations
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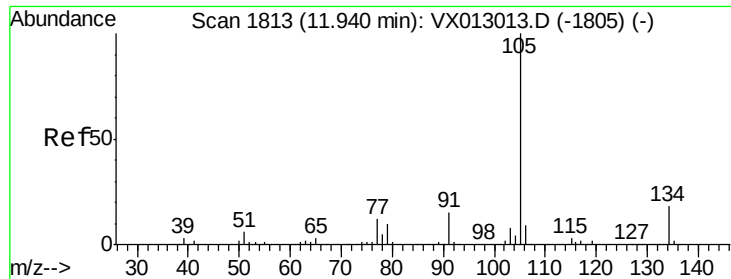
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.915 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.8	65.3





#85

sec-Butylbenzene

Concen: 50.296 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 440766

Ion Ratio Lower Upper

105 100

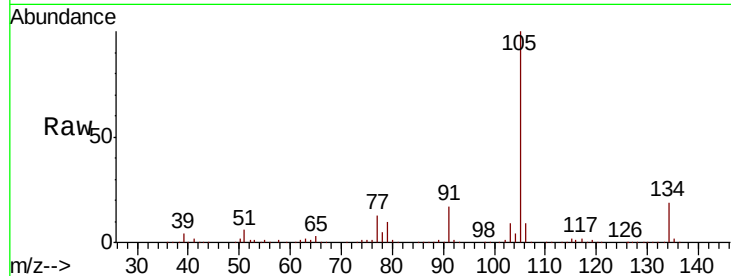
134 19.8 10.0 30.0

Manual Integrations

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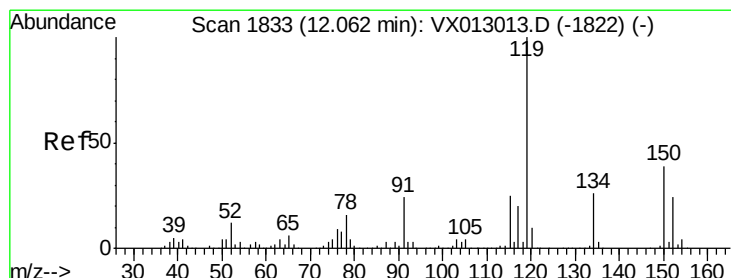
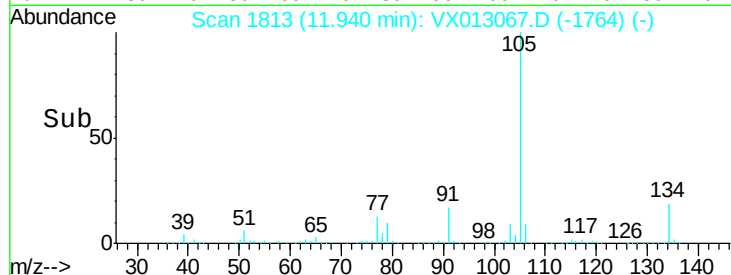
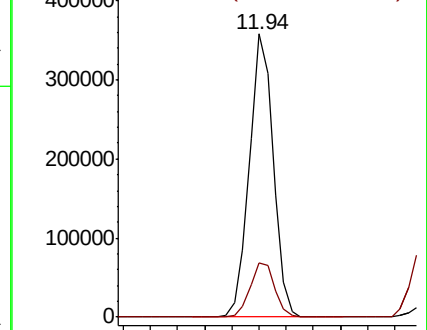
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.314 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

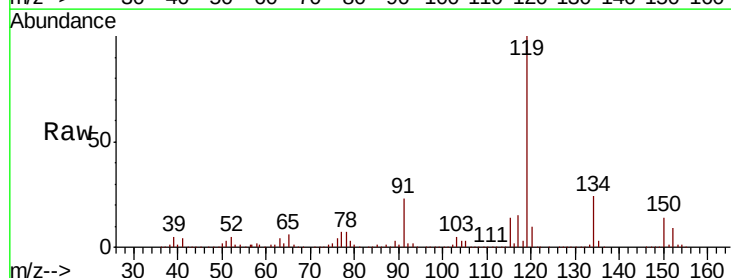
Tgt Ion:119 Resp: 433310

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

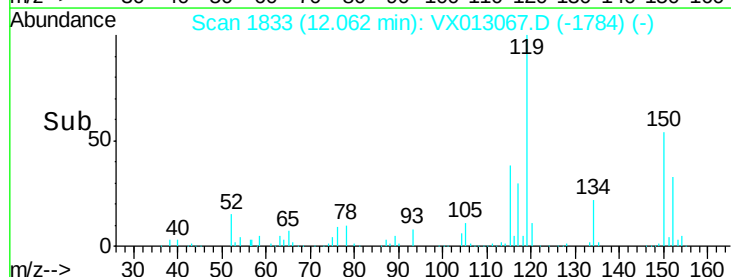
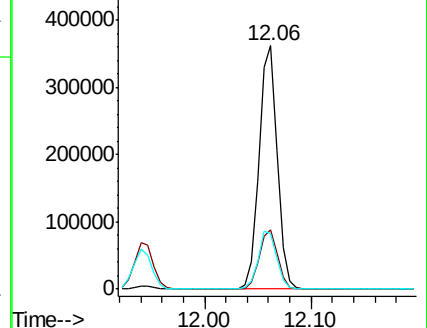
91 24.1 12.4 37.4

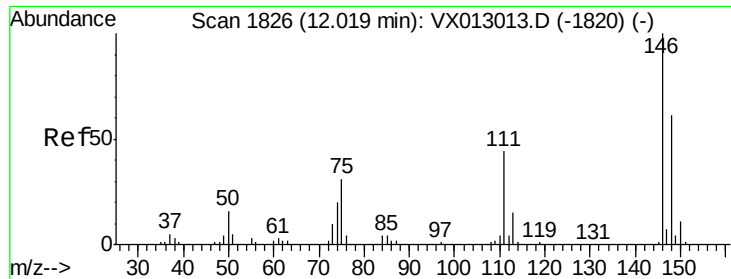


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





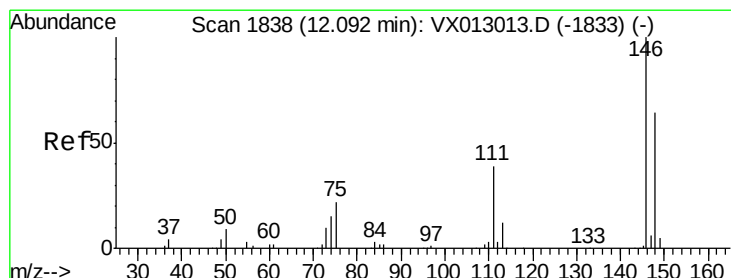
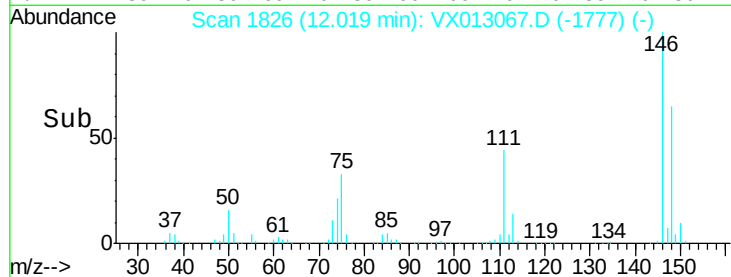
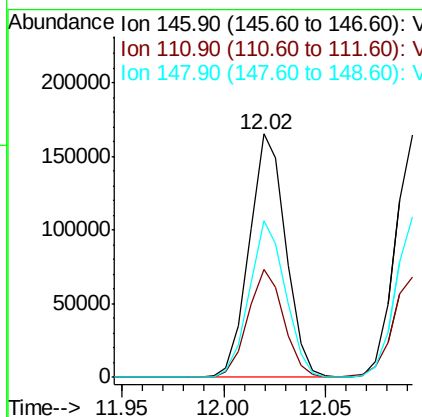
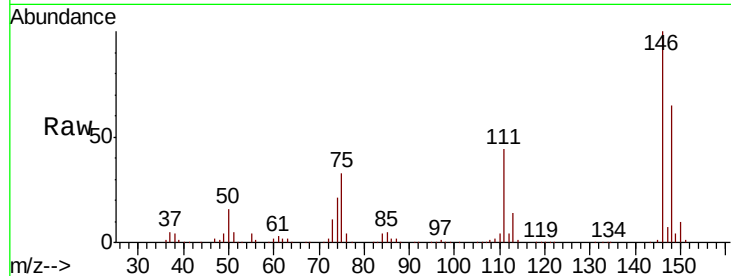
#87
 1,3-Dichlorobenzene
 Concen: 50.611 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.4
148	63.9	31.6	95.0

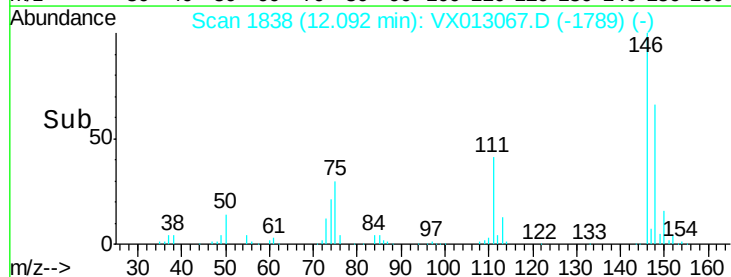
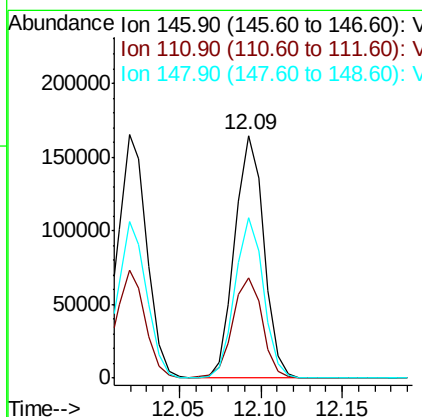
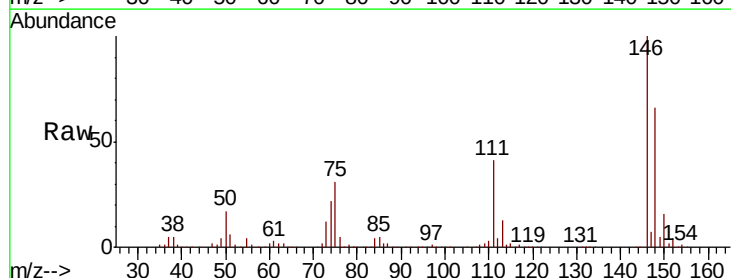
Manual Integrations
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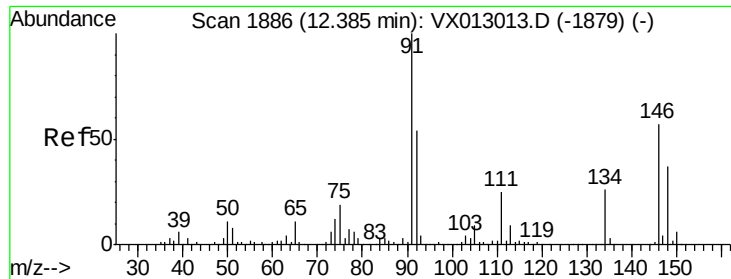
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#88
 1,4-Dichlorobenzene
 Concen: 49.731 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.3
148	64.6	32.1	96.5





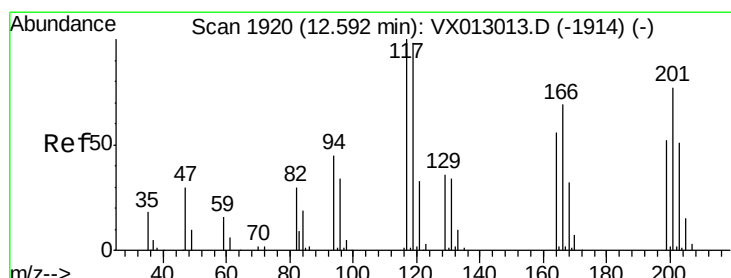
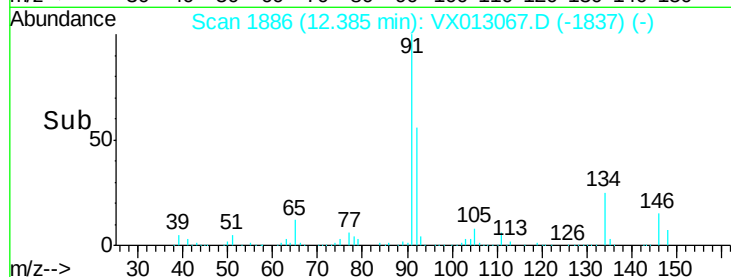
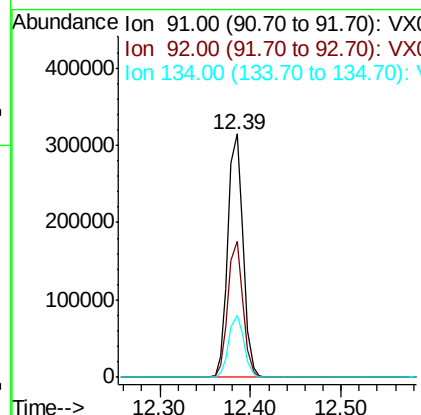
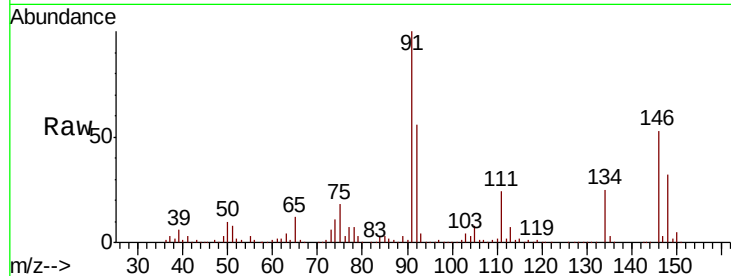
#89
n-Butylbenzene
Concen: 53.922 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.5
134	25.4	12.9	38.7

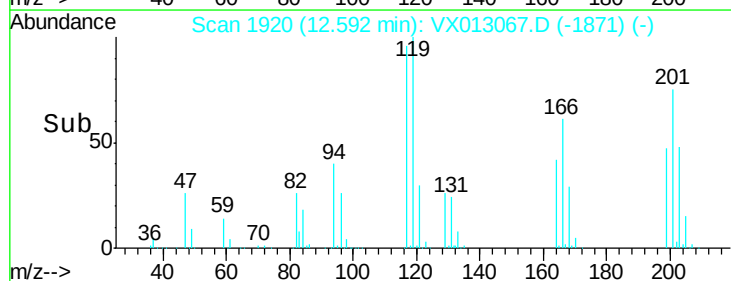
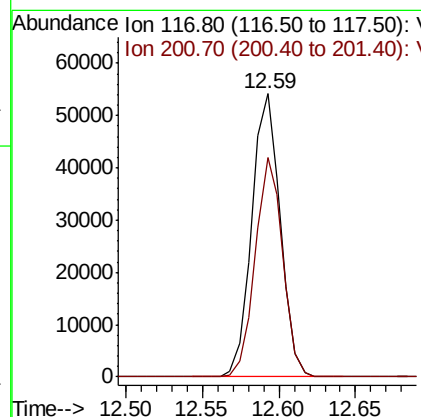
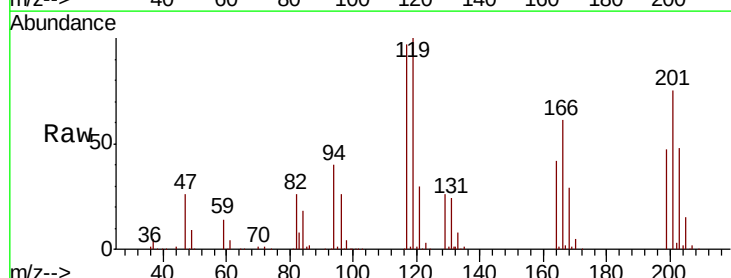
Manual Integrations
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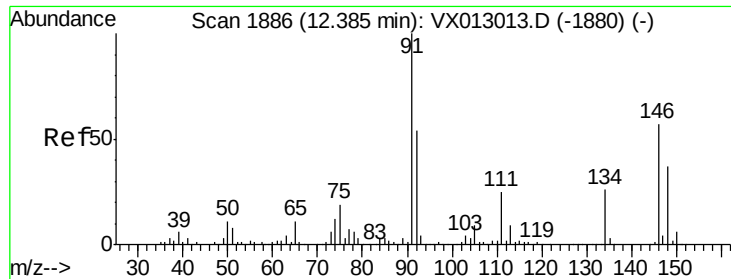
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#90
Hexachloroethane
Concen: 46.548 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013067.D
Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.0	36.9	110.7





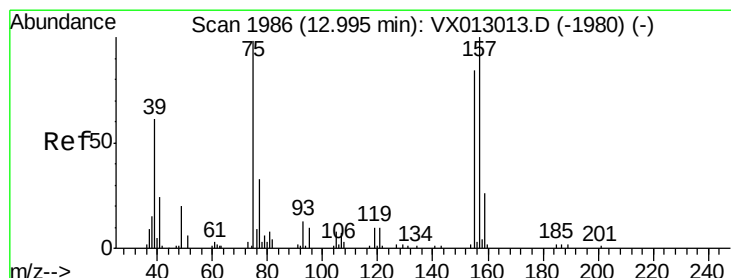
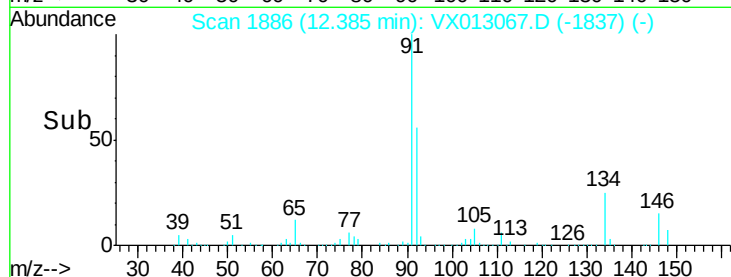
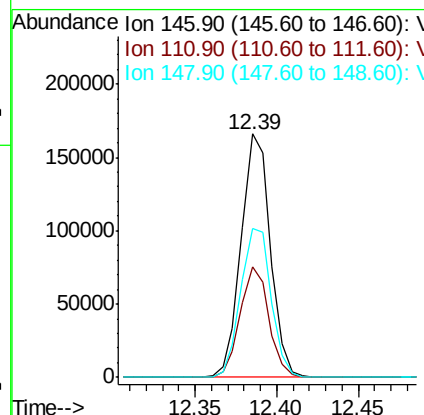
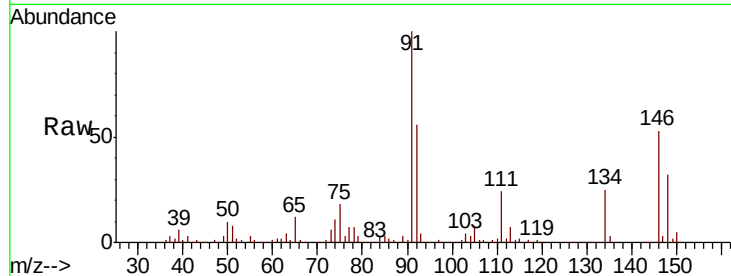
#91
 1,2-Dichlorobenzene
 Concen: 52.035 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.7	68.0
148	64.1	31.6	94.7

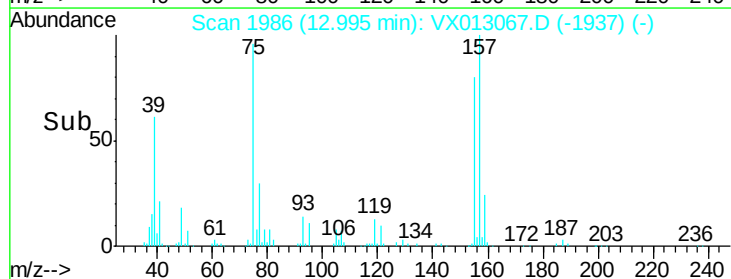
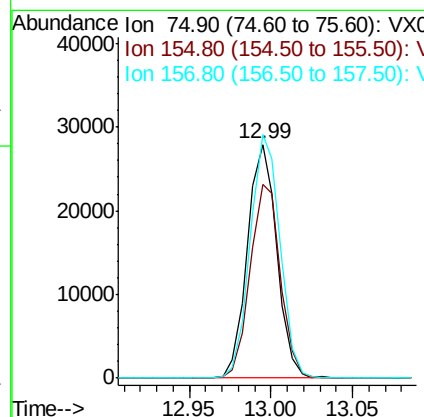
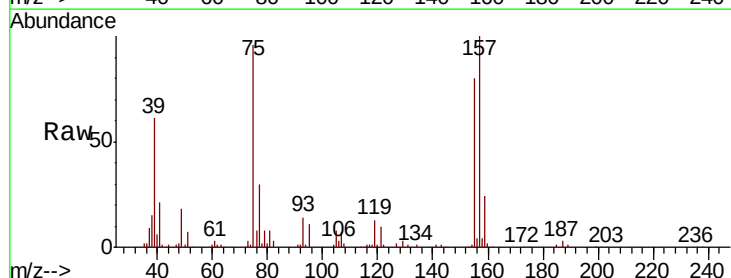
Manual Integrations
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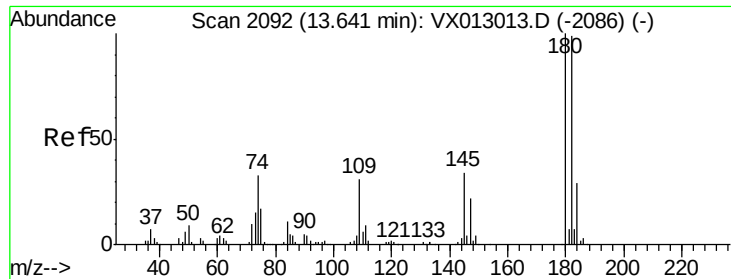
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.546 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	43.0	128.8
157	105.7	54.1	162.3





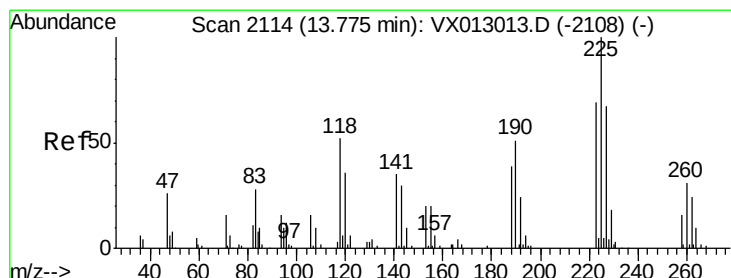
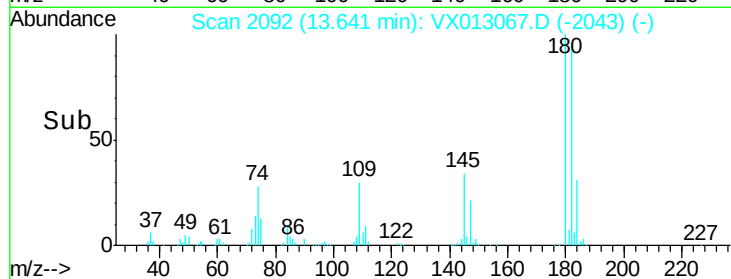
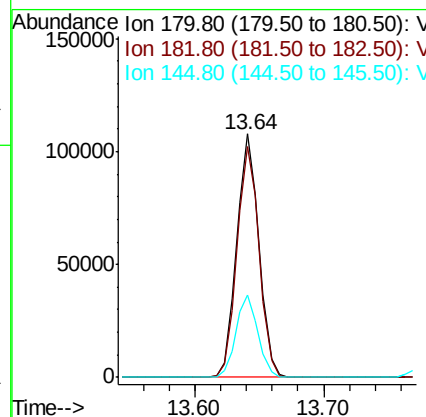
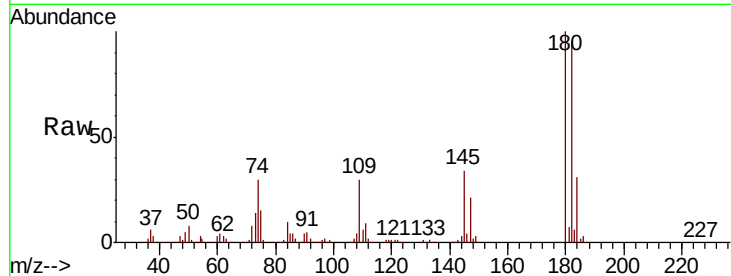
#93
 1,2,4-Trichlorobenzene
 Concen: 52.078 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129967		
182	94.5	46.8	140.4	
145	33.6	16.2	48.6	

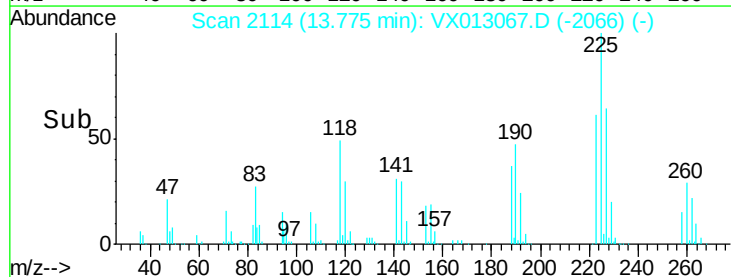
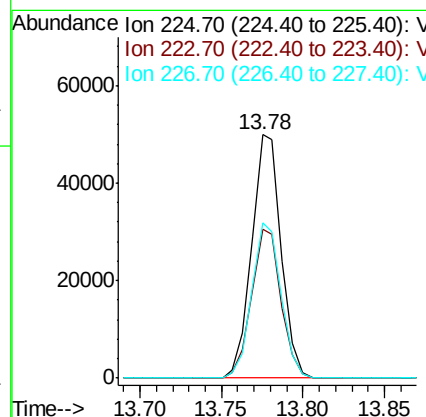
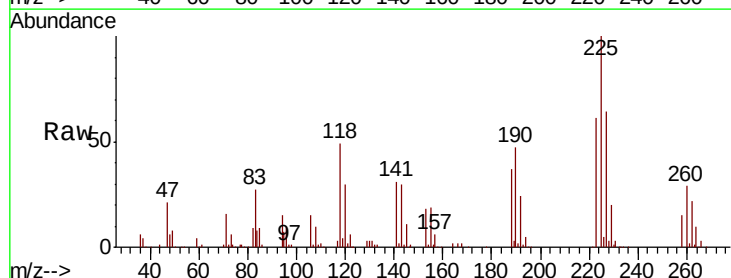
Manual Integrations
 APPROVED

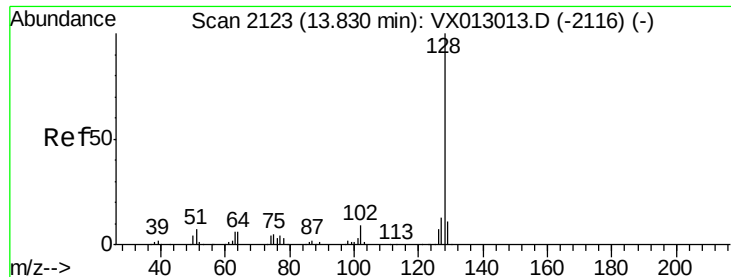
MMDadoda
 10/16/2019 9:58:08 AM



#94
 Hexachlorobutadiene
 Concen: 54.494 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013067.D
 Acq: 15 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62763		
223	61.3	31.1	93.2	
227	63.3	32.3	96.9	





#95

Naphthalene

Concen: 49.245 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Instrument :

MSVOA_X

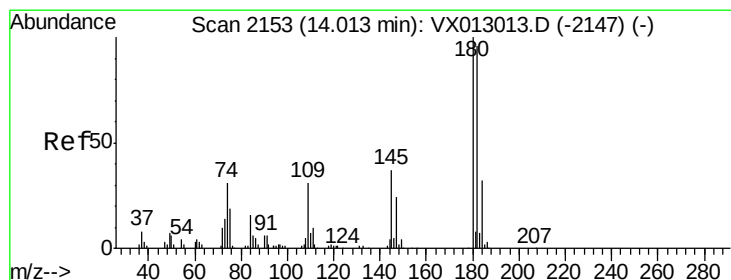
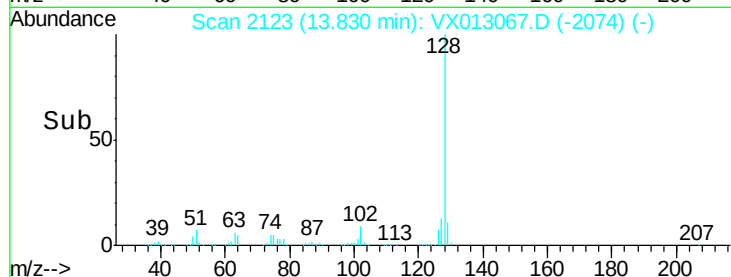
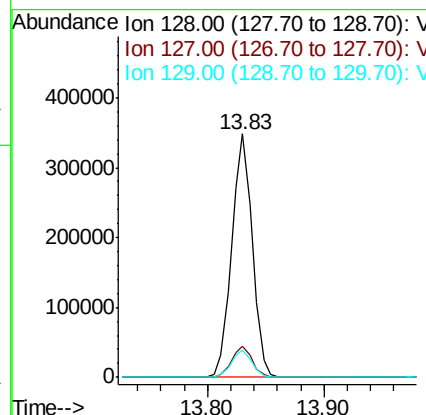
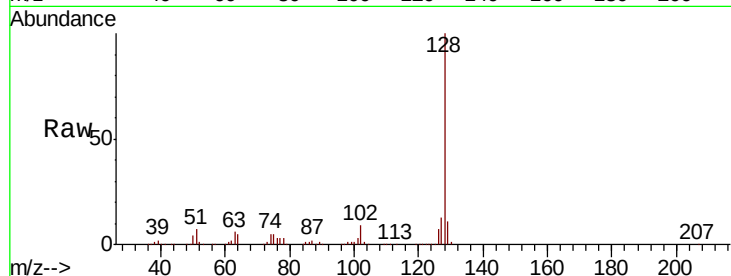
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	426025
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/16/2019 9:58:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.559 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013067.D

Acq: 15 Oct 2019 10:27

Tgt Ion:	180	Resp:	130390
Ion Ratio		Lower	Upper
180	100		
182	94.6	47.5	142.5
145	34.5	17.4	52.3

