

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013648.D
 Acq On : 27 Nov 2019 13:27
 Operator : JC/SP
 Sample : VX1127WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 12:48:09 PM

Quant Time: Nov 28 01:11:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	689936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1037026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	938941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	456518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	387584	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	318902	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1235041	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	434366	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	153801	20.028	ug/l	95
3) Chloromethane	1.32	50	174316	20.230	ug/l	98
4) Vinyl Chloride	1.40	62	200853	20.710	ug/l	95
5) Bromomethane	1.63	94	117466	18.035	ug/l	96
6) Chloroethane	1.72	64	110343	19.994	ug/l	95
7) Trichlorofluoromethane	1.92	101	211213	19.613	ug/l	99
8) Diethyl Ether	2.18	74	97122	19.934	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	126159	19.179	ug/l	97
10) Methyl Iodide	2.50	142	144415	18.149	ug/l	100
11) Tert butyl alcohol	3.03	59	177479	89.782	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129613	19.740	ug/l	97
13) Acrolein	2.28	56	109930	87.160	ug/l	99
14) Allyl chloride	2.72	41	230454	19.341	ug/l	99
15) Acrylonitrile	3.13	53	396864	97.260	ug/l	99
16) Acetone	2.43	43	425400	107.589	ug/l	100
17) Carbon Disulfide	2.56	76	341120	18.225	ug/l	98
18) Methyl Acetate	2.76	43	227487	20.661	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	426540	19.610	ug/l	100
20) Methylene Chloride	2.85	84	145333	19.132	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	139007	19.434	ug/l	98
22) Diisopropyl ether	3.84	45	454289	19.800	ug/l	95
23) Vinyl Acetate	3.80	43	1637688	85.802	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251057	20.016	ug/l	99
25) 2-Butanone	4.66	43	593757	101.042	ug/l	99
26) 2,2-Dichloropropane	4.58	77	187170	18.036	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	157136	19.130	ug/l	99
28) Bromochloromethane	5.00	49	100232	20.215	ug/l	100
29) Tetrahydrofuran	5.12	42	360742	99.582	ug/l	99
30) Chloroform	5.20	83	241048	18.950	ug/l	98
31) Cyclohexane	5.57	56	227668	19.245	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	206762	19.451	ug/l	99
36) 1,1-Dichloropropene	5.79	75	182813	19.420	ug/l	99
37) Ethyl Acetate	4.82	43	212872	20.157	ug/l	99
38) Carbon Tetrachloride	5.78	117	172574	19.881	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227065	19.514	ug/l	95
40) Benzene	6.14	78	573632	20.008	ug/l	99
41) Methacrylonitrile	5.03	41	123299	21.289	ug/l	97
42) 1,2-Dichloroethane	6.18	62	199404	20.393	ug/l	98
43) Isopropyl Acetate	6.43	43	340629	19.592	ug/l	99
44) Trichloroethene	7.21	130	156998	19.953	ug/l	95
45) 1,2-Dichloropropane	7.51	63	144991	20.213	ug/l	98
46) Dibromomethane	7.65	93	96452	19.797	ug/l	98
47) Bromodichloromethane	7.89	83	180267	19.572	ug/l	98
48) Methyl methacrylate	7.76	41	168577	19.956	ug/l	98
49) 1,4-Dioxane	7.73	88	72433	383.066	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1106600	101.186	ug/l	100
52) Toluene	8.78	92	355773	19.974	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	196429	18.737	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222631	19.438	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147255	20.516	ug/l	99
56) Ethyl methacrylate	9.17	69	227378	19.704	ug/l	99
57) 1,3-Dichloropropane	9.37	76	241978	19.559	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	439997	97.248	ug/l	100
59) 2-Hexanone	9.49	43	859562	100.775	ug/l	99
60) Dibromochloromethane	9.58	129	146336	19.645	ug/l	100
61) 1,2-Dibromoethane	9.67	107	153878	20.073	ug/l	98
64) Tetrachloroethene	9.33	164	196445	28.055	ug/l	98
65) Chlorobenzene	10.14	112	384317	19.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139433	19.918	ug/l	99
67) Ethyl Benzene	10.25	91	668510	19.956	ug/l	99
68) m/p-Xylenes	10.35	106	513436	40.033	ug/l	99
69) o-Xylene	10.70	106	246227	19.685	ug/l	98
70) Styrene	10.71	104	420621	19.990	ug/l	100
71) Bromoform	10.85	173	109457	18.898	ug/l #	29
73) Isopropylbenzene	11.01	105	653458	20.406	ug/l	100
74) N-amyl acetate	10.89	43	291823	19.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	224021	20.172	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	180646m	17.593	ug/l	
77) Bromobenzene	11.25	156	169838	19.632	ug/l	98
78) n-propylbenzene	11.35	91	729392	20.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	435091	20.290	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	539348	20.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67548	17.998	ug/l	94
82) 4-Chlorotoluene	11.51	91	497380	20.026	ug/l	100
83) tert-Butylbenzene	11.76	119	488143	18.301	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	549928	20.645	ug/l	98
85) sec-Butylbenzene	11.94	105	623164	20.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	576119	20.327	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	296189	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	293108	19.082	ug/l	100
89) n-Butylbenzene	12.38	91	472839	19.560	ug/l	99
90) Hexachloroethane	12.59	117	95659	18.672	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	296634	19.908	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46829	19.364	ug/l	99

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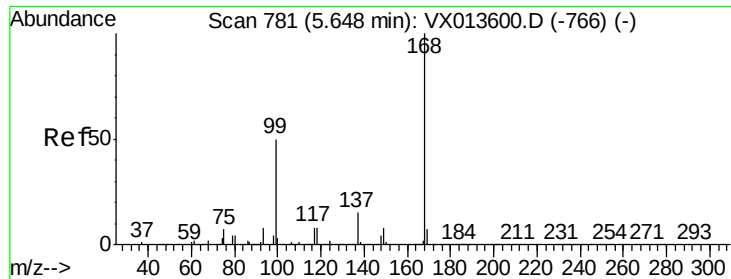
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	194550	18.735	ug/l	98
94) Hexachlorobutadiene	13.78	225	95620	19.169	ug/l	96
95) Naphthalene	13.83	128	598212	19.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	200412	19.492	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion:168 Resp: 689936

Ion Ratio Lower Upper

168 100

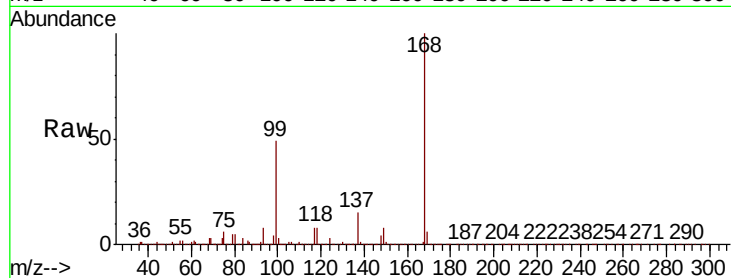
99 49.1 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

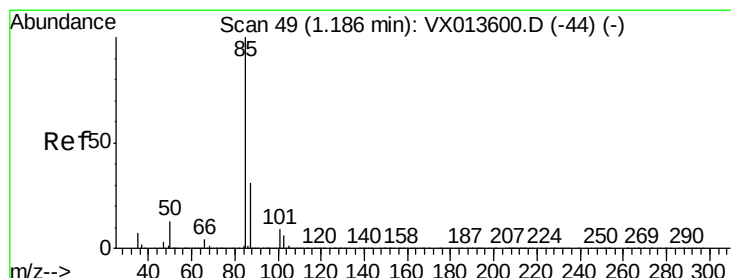
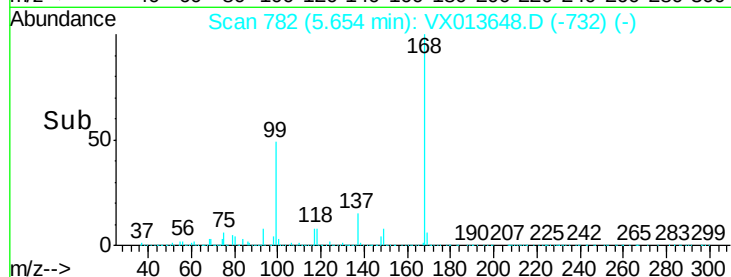
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.028 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013648.D

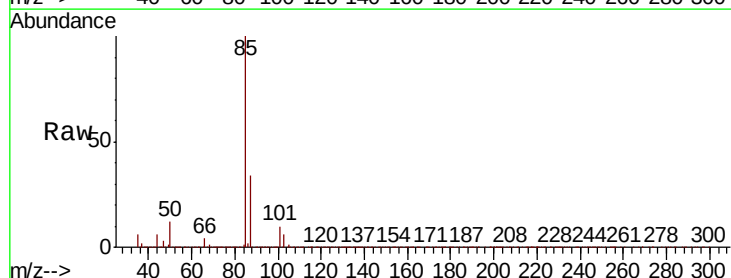
Acq: 27 Nov 2019 13:27

Tgt Ion: 85 Resp: 153801

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

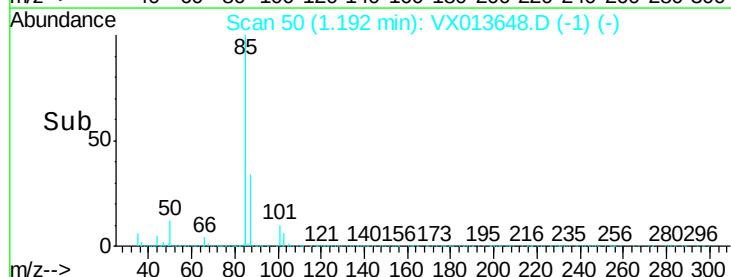
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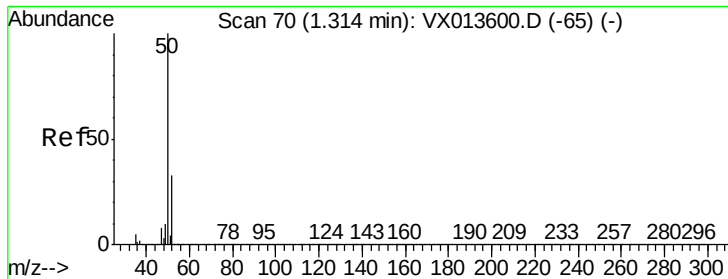
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.230 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 50 Resp: 174316

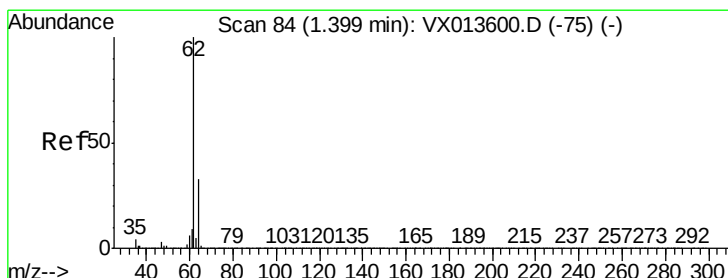
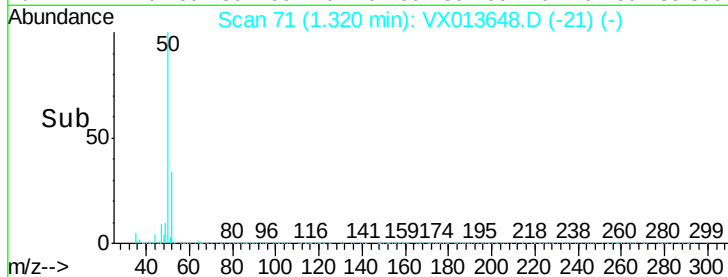
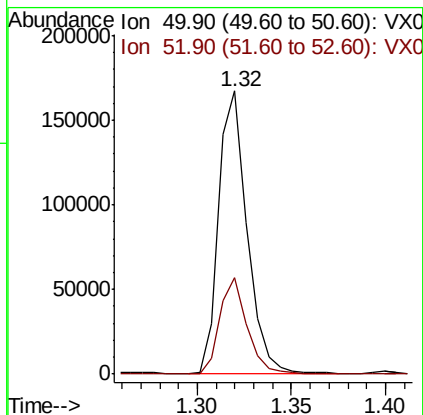
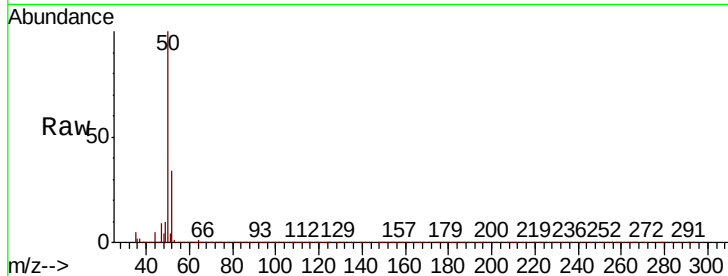
Ion Ratio Lower Upper

50 100

52 33.8 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.710 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013648.D

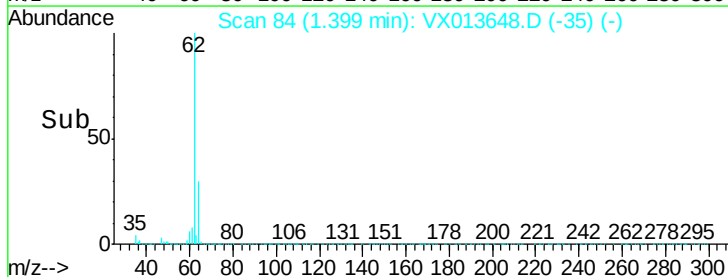
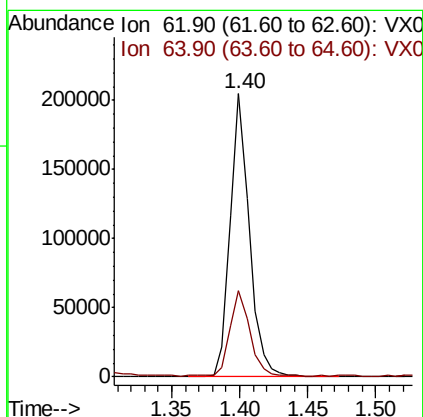
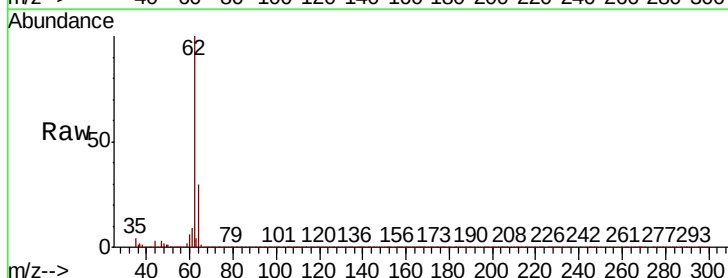
Acq: 27 Nov 2019 13:27

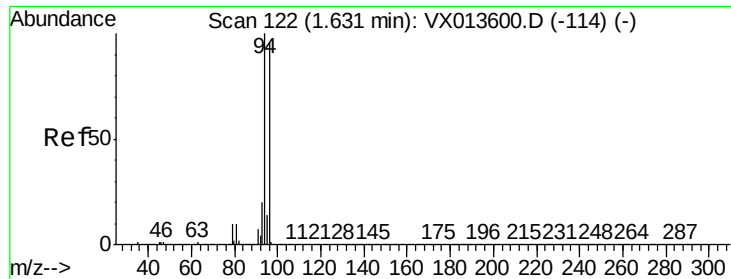
Tgt Ion: 62 Resp: 200853

Ion Ratio Lower Upper

62 100

64 29.8 26.0 39.0





#5

Bromomethane

Concen: 18.035 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 94 Resp: 117466

Ion Ratio Lower Upper

94 100

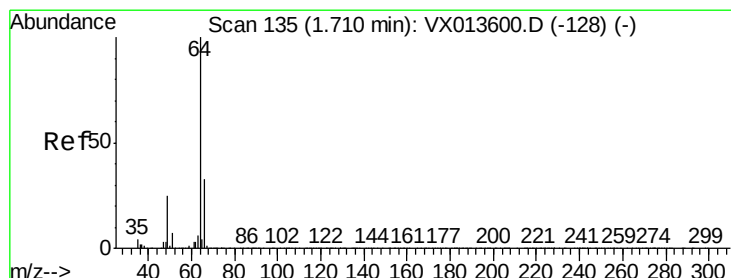
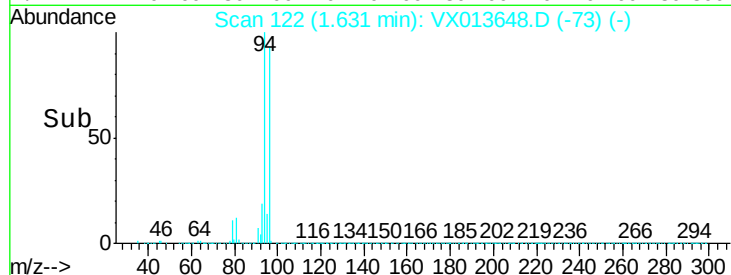
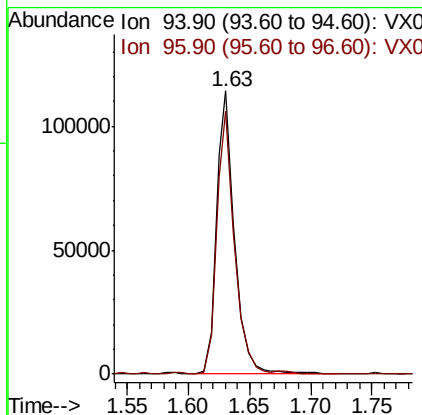
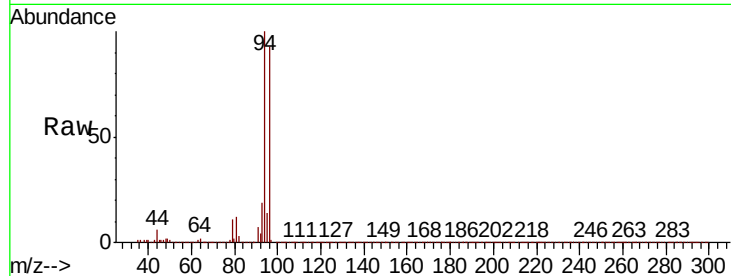
96 92.8 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 19.994 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013648.D

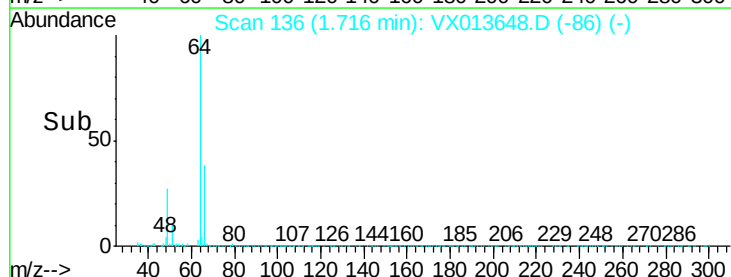
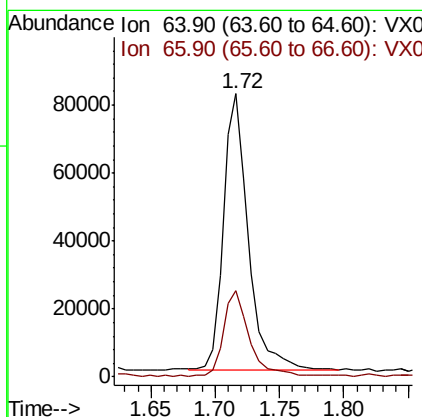
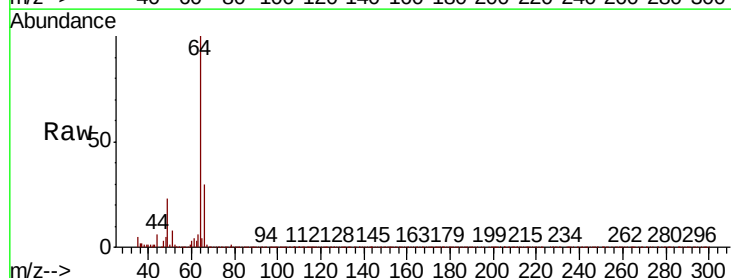
Acq: 27 Nov 2019 13:27

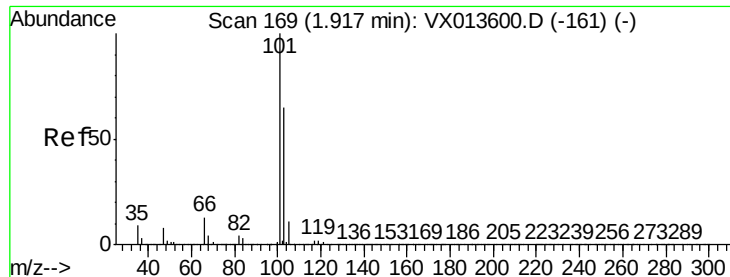
Tgt Ion: 64 Resp: 110343

Ion Ratio Lower Upper

64 100

66 30.8 26.7 40.1





#7

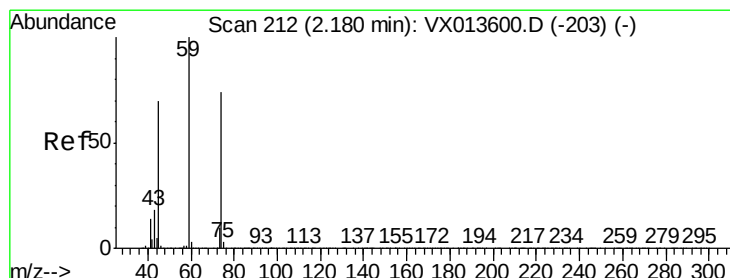
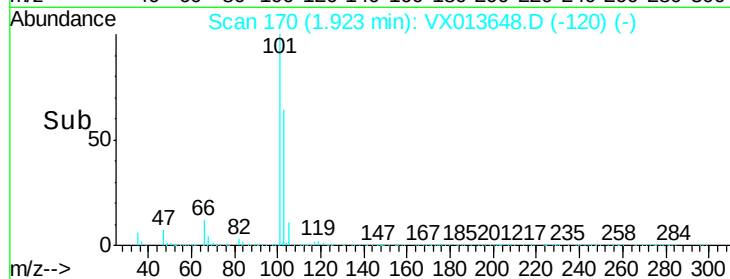
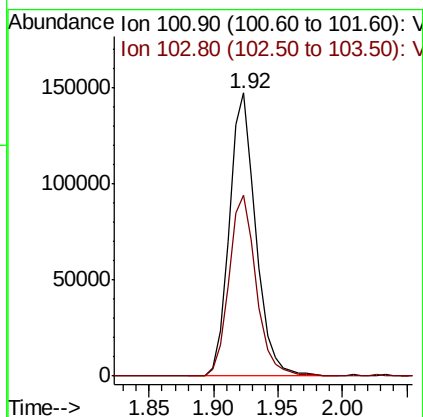
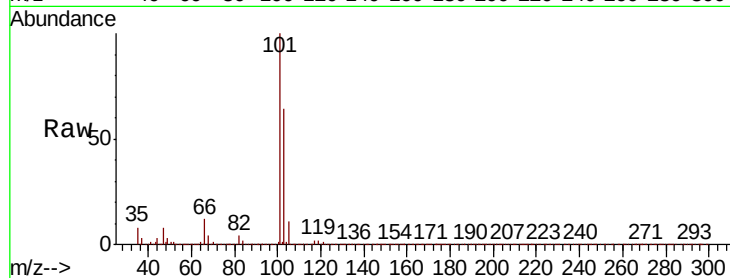
Trichlorofluoromethane
Concen: 19.613 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
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ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.6

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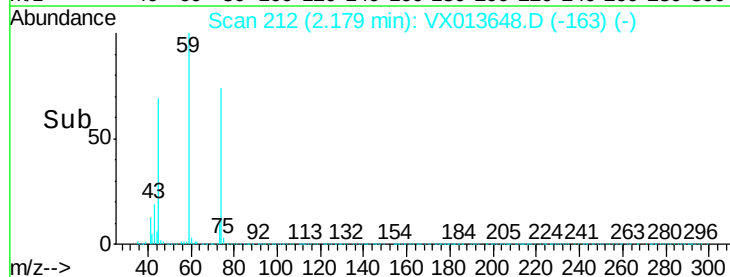
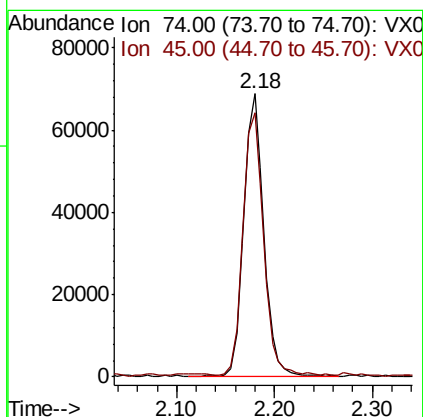
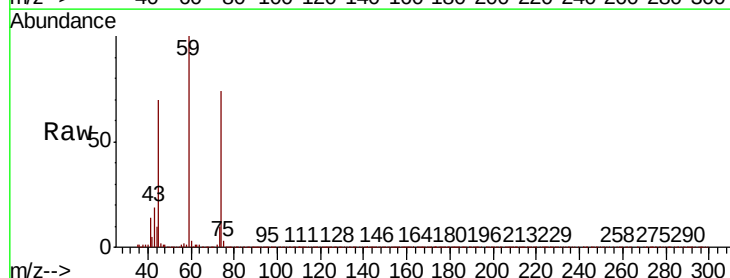
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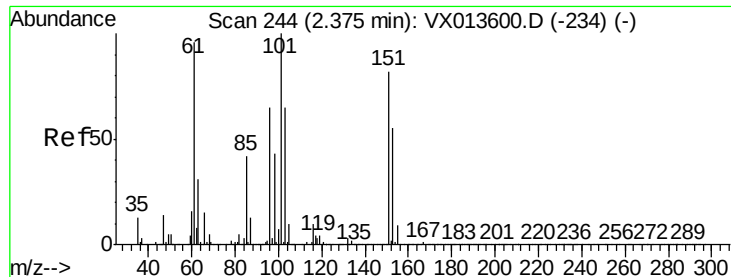


#8

Diethyl Ether
Concen: 19.934 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.179 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

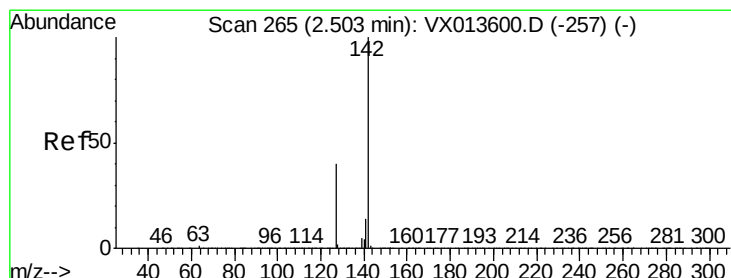
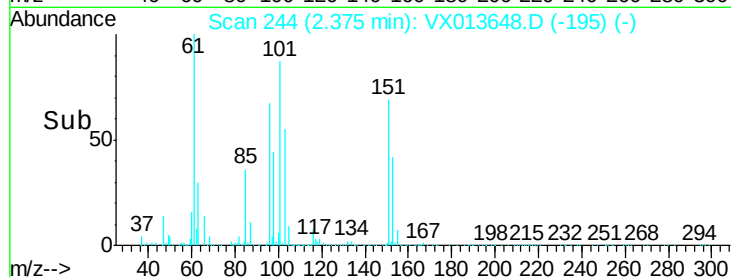
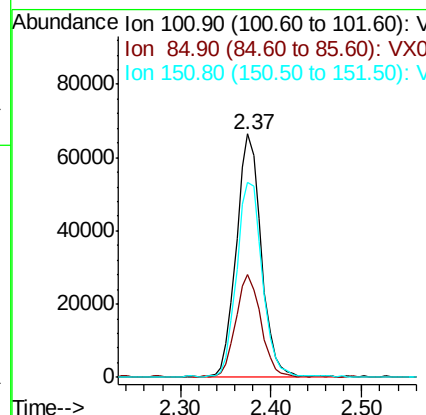
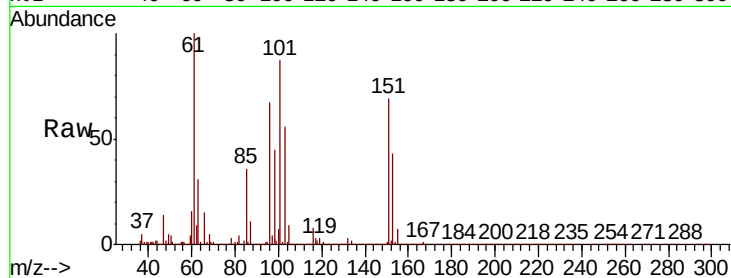
ClientSampleId :

VX1127WBS01

Tot Ion:	101	Resp:	126159
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.9	50.9
151	83.8	64.2	96.2

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#10

Methyl Iodide

Concen: 18.149 ug/l

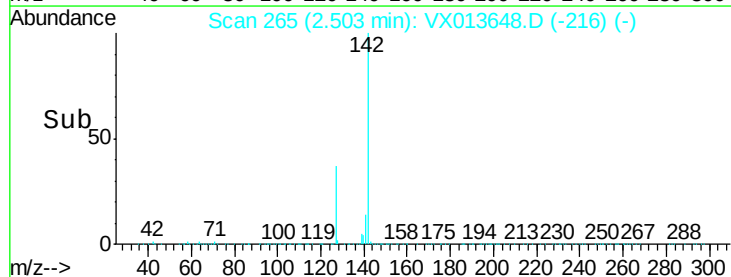
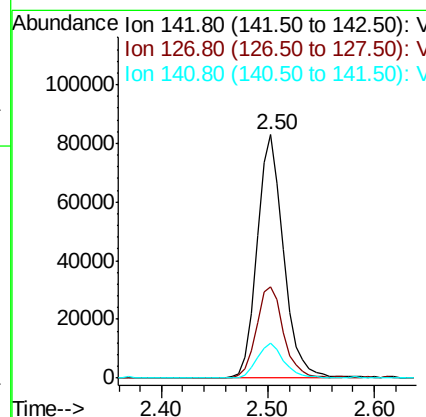
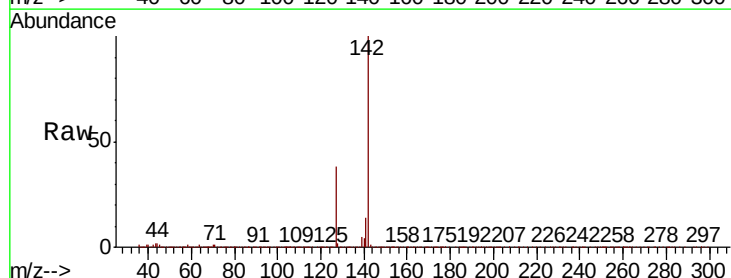
RT: 2.50 min Scan# 265

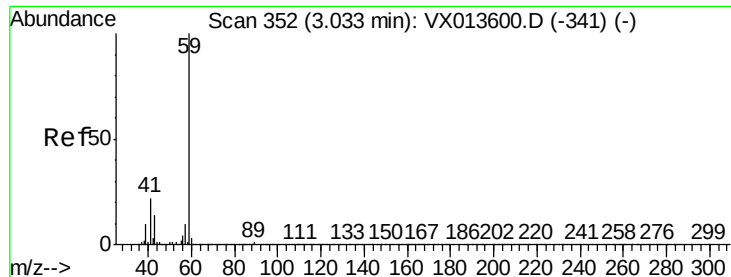
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	142	Resp:	144415
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.0	46.4
141	14.4	11.6	17.4





#11

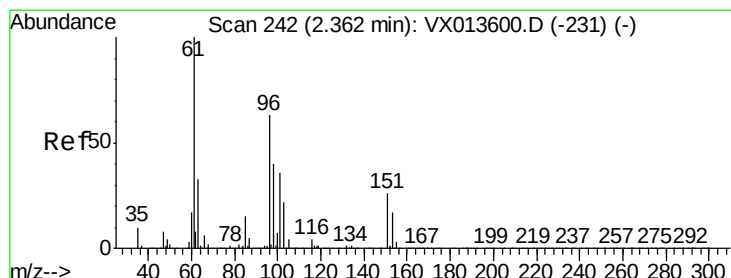
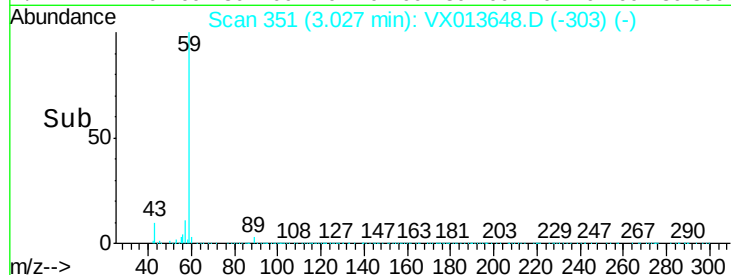
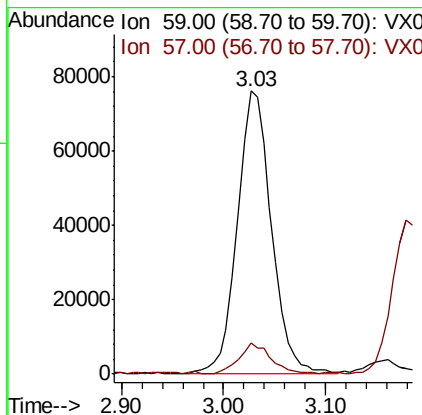
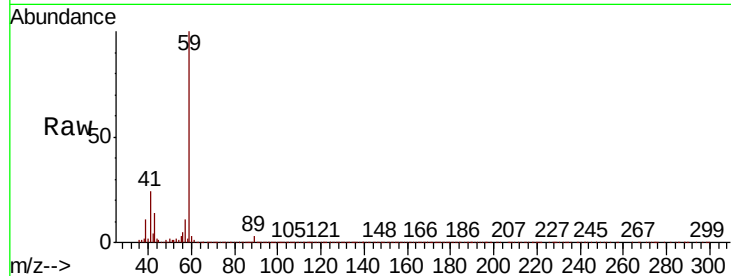
Tert butyl alcohol
Concen: 89.782 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.8	11.6

Manual Integrations
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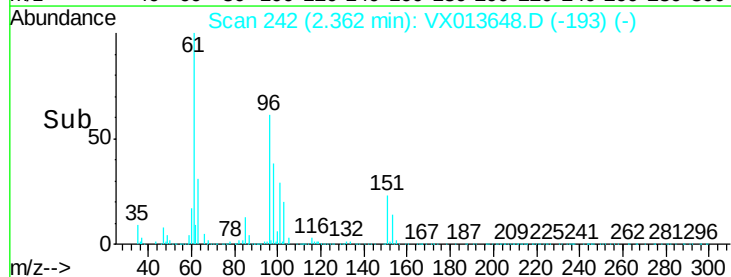
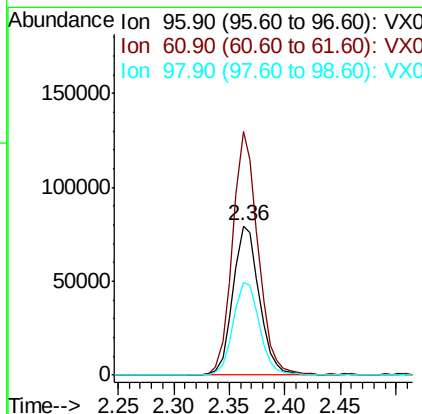
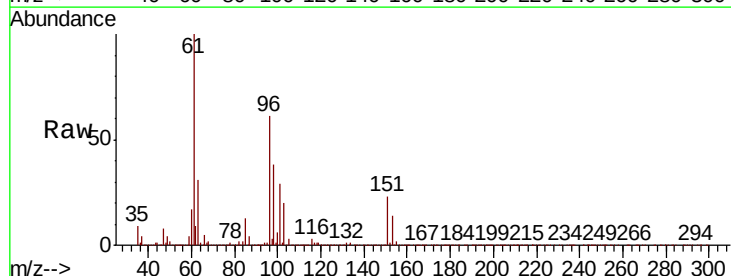
MMDadoda
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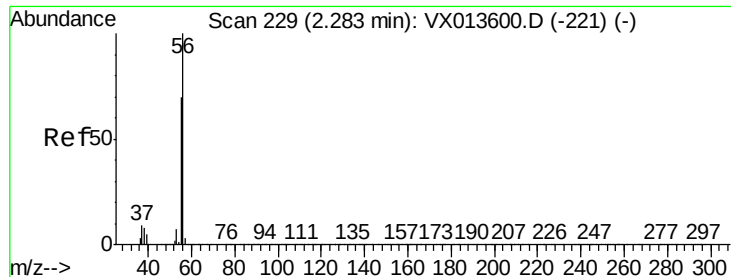


#12

1,1-Dichloroethene
Concen: 19.740 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.0	126.6	190.0
98	62.1	50.6	76.0





#13

Acrolein

Concen: 87.160 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 56 Resp: 109930

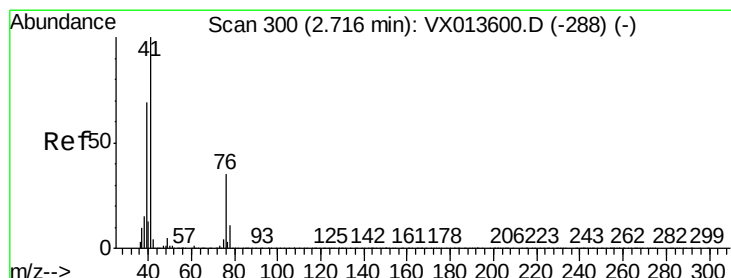
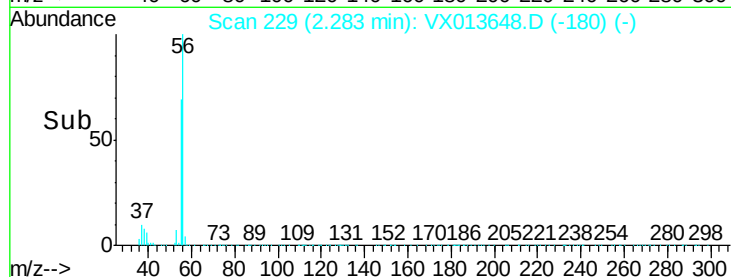
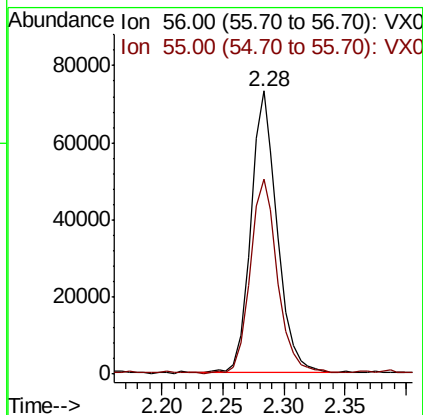
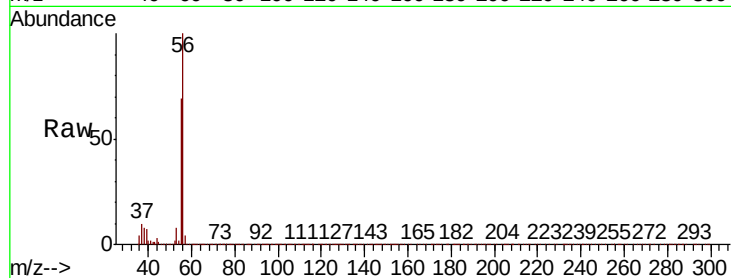
Ion Ratio Lower Upper

56 100

55 71.4 56.2 84.4

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 19.341 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

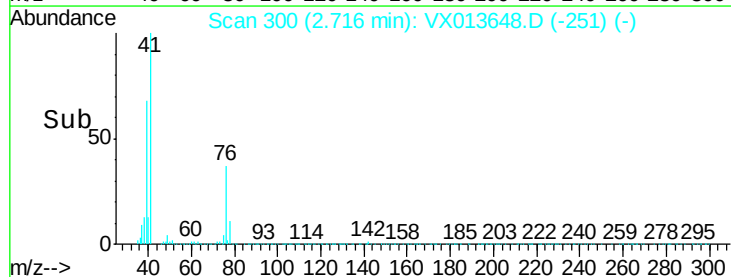
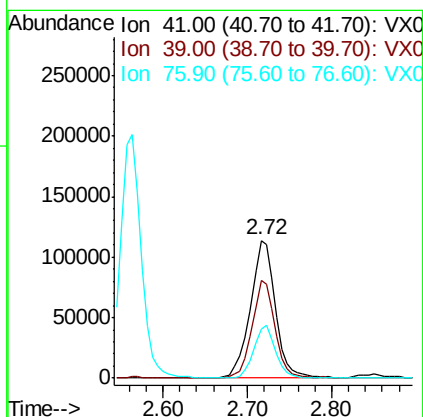
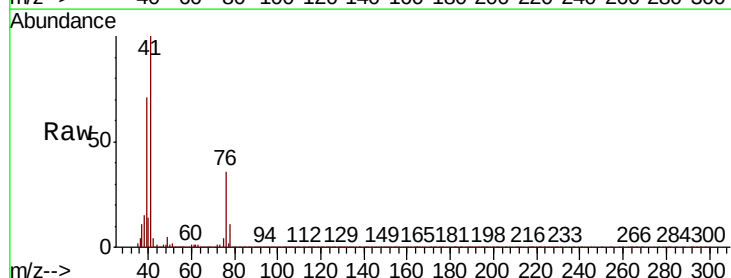
Tgt Ion: 41 Resp: 230454

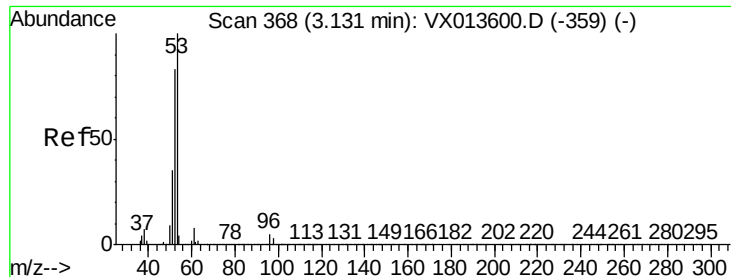
Ion Ratio Lower Upper

41 100

39 63.4 51.7 77.5

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 97.260 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

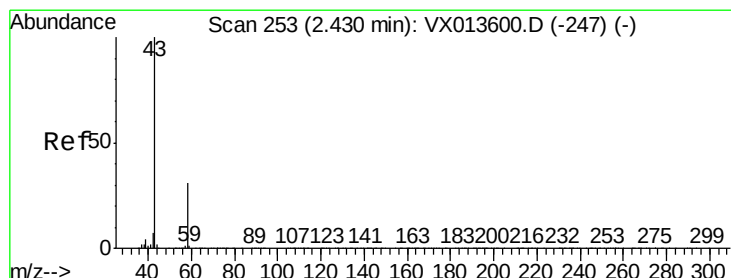
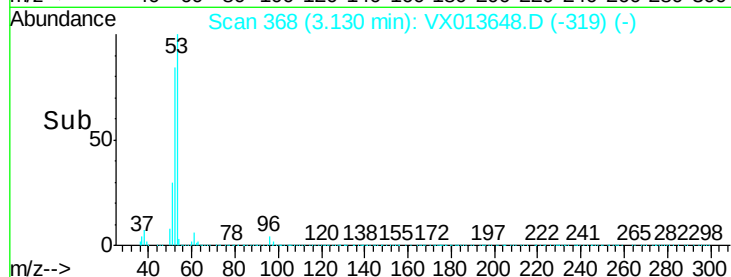
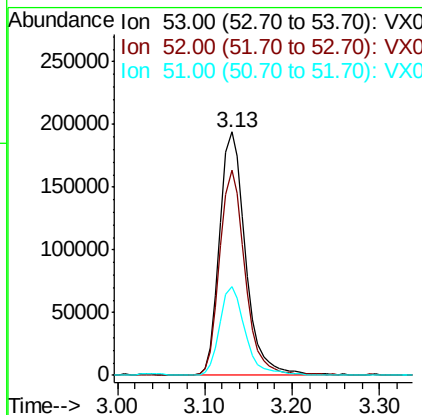
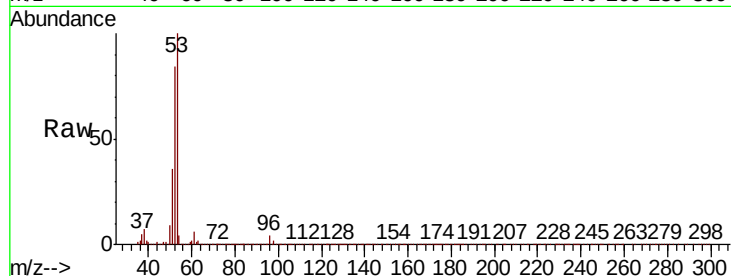
ClientSampleId :

VX1127WBS01

Tot Ion:	53	Resp:	396864
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.2
51	36.0	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 107.589 ug/l

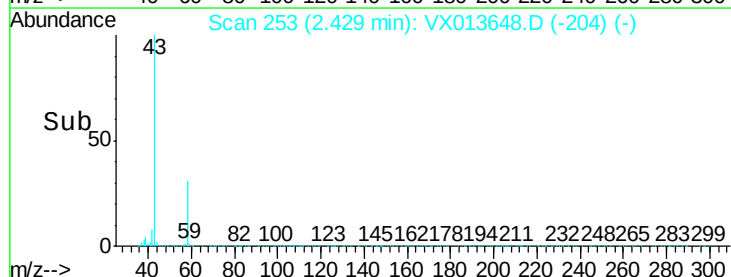
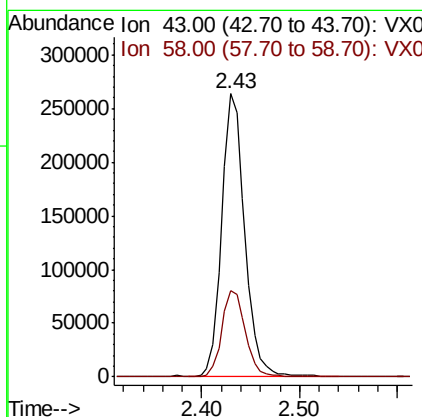
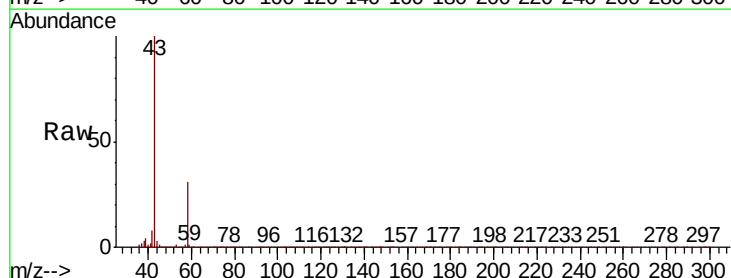
RT: 2.43 min Scan# 253

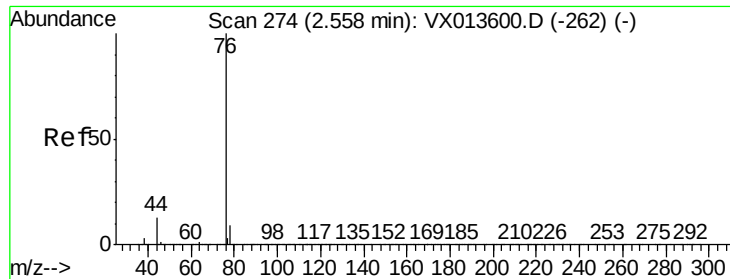
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	43	Resp:	425400
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.6	36.8





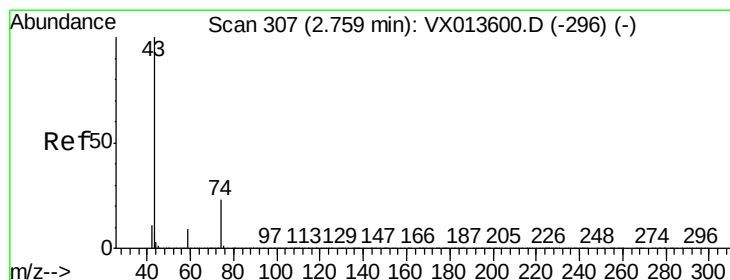
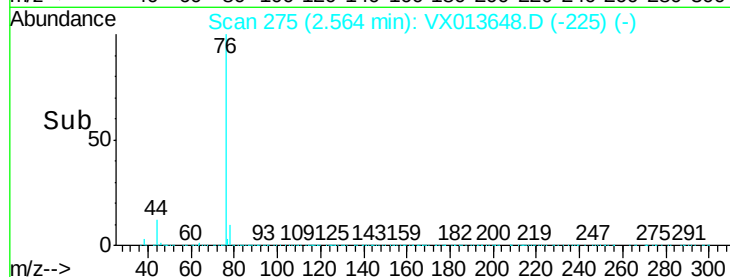
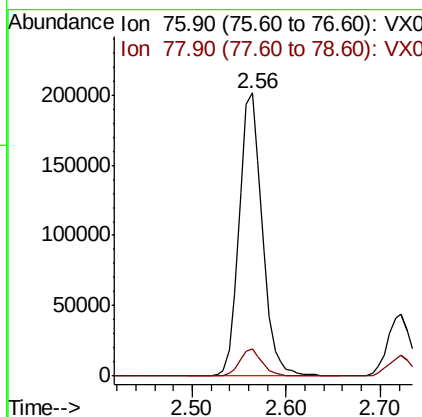
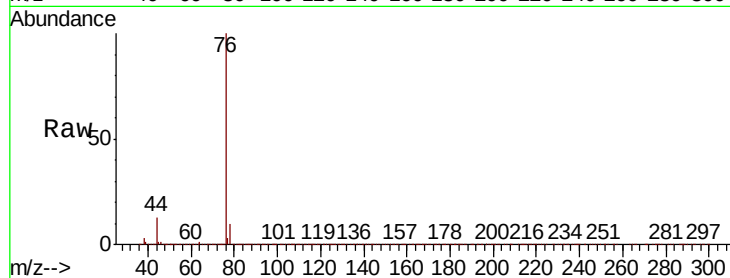
#17
Carbon Disulfide
Concen: 18.225 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

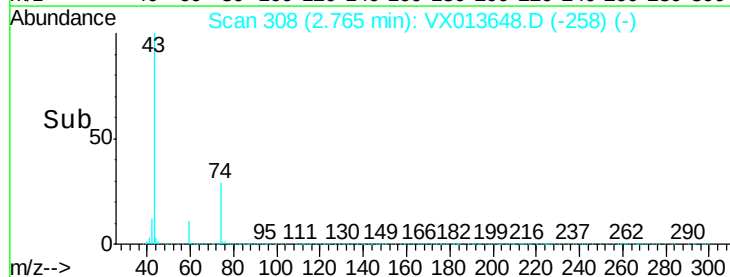
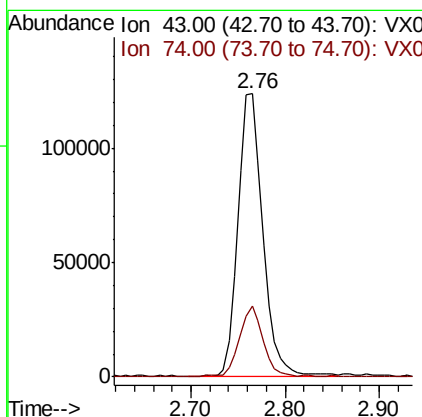
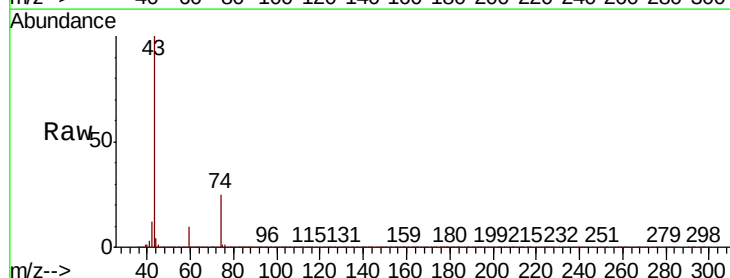
Manual Integrations
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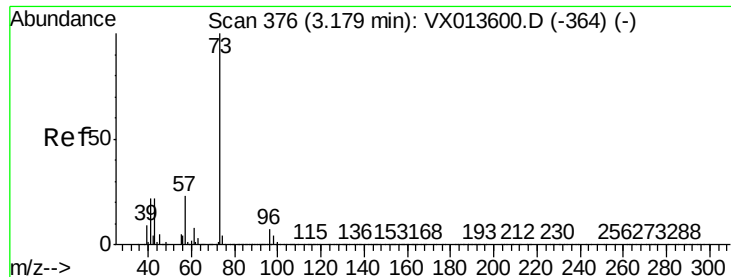
MMDadoda
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#18
Methyl Acetate
Concen: 20.661 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.5	29.3





#19

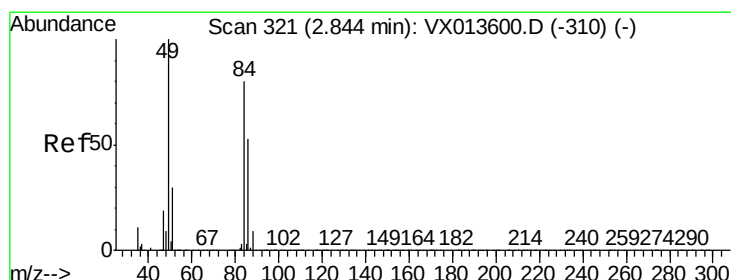
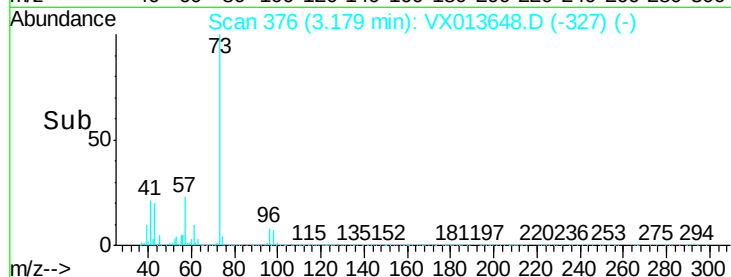
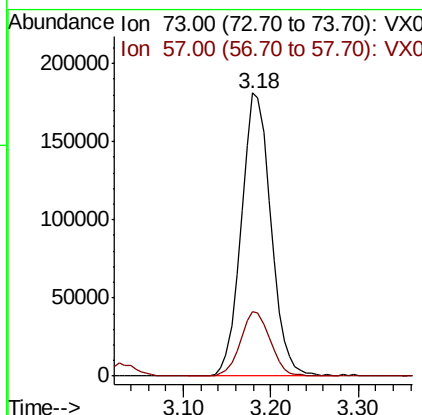
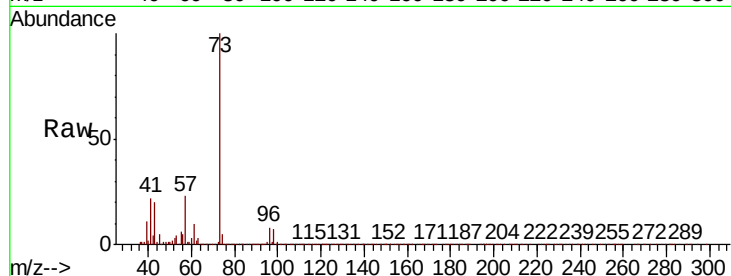
Methyl tert-butyl Ether
Concen: 19.610 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.3	27.5

Manual Integrations
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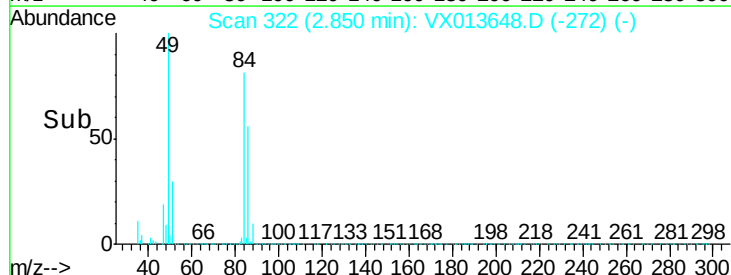
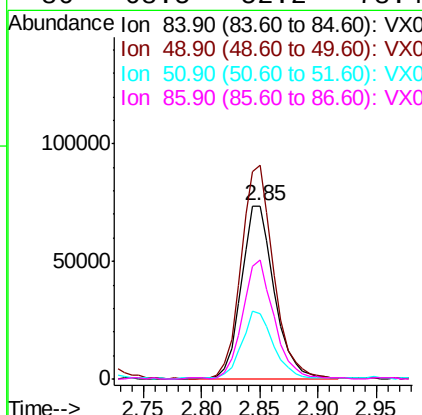
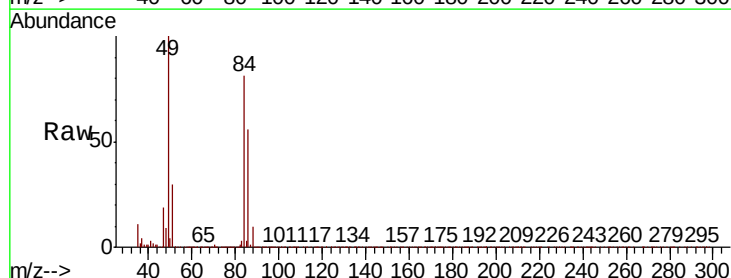
MMDadoda
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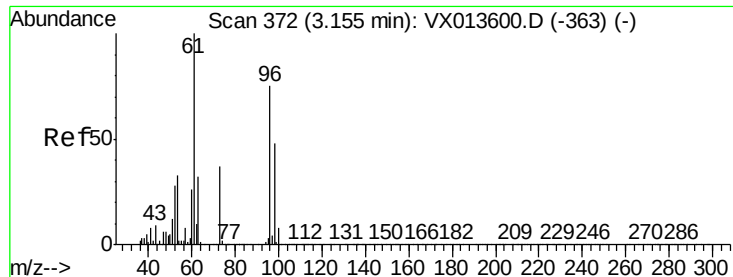


#20

Methylene Chloride
Concen: 19.132 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	99.7	149.5
51	36.9	29.9	44.9
86	68.5	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.434 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

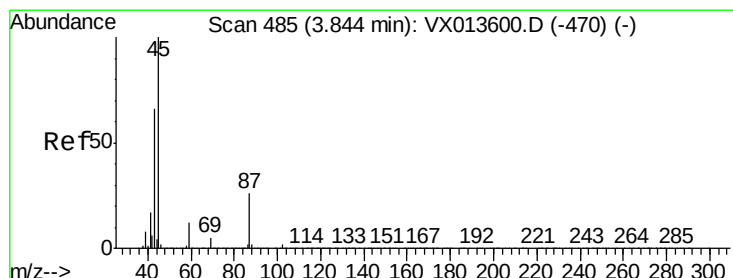
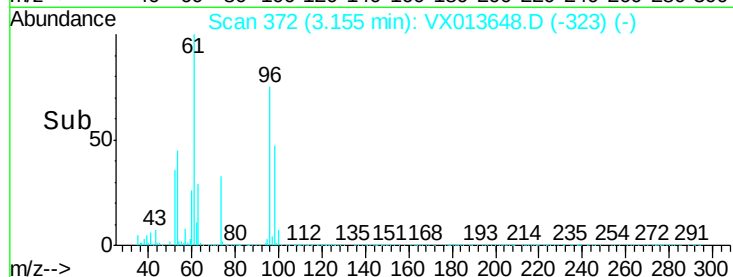
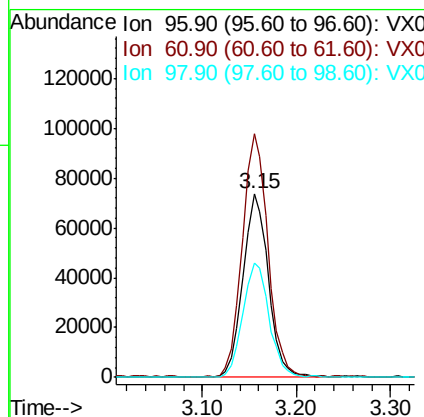
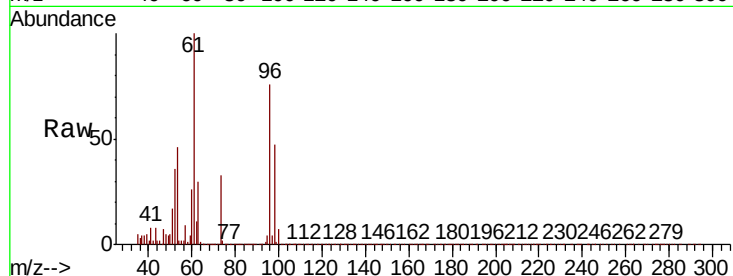
ClientSampleId :

VX1127WBS01

Tot Ion:	96	Resp:	139007
Ion	Ratio	Lower	Upper
96	100		
61	132.4	107.2	160.8
98	61.8	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.800 ug/l

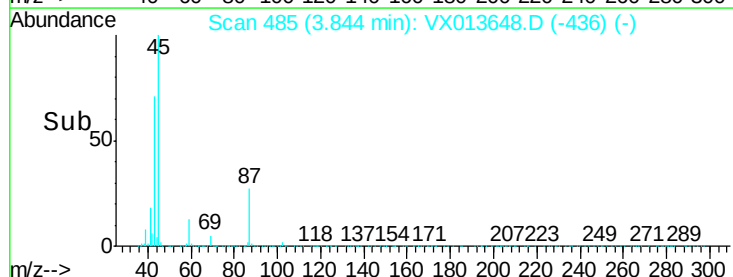
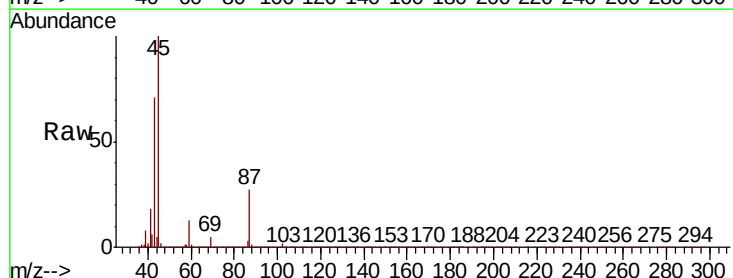
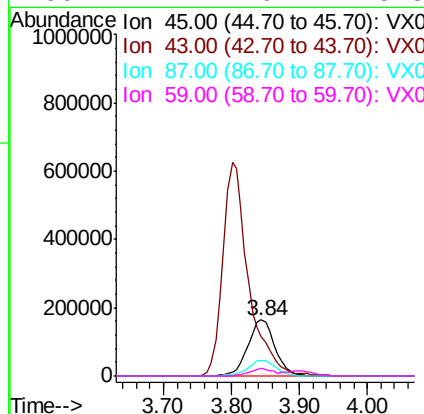
RT: 3.84 min Scan# 485

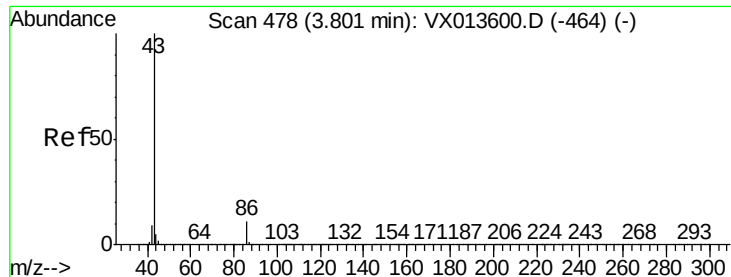
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	45	Resp:	454289
Ion	Ratio	Lower	Upper
45	100		
43	71.2	52.6	79.0
87	27.0	21.1	31.7
59	12.7	9.2	13.8





#23

Vinyl Acetate

Concen: 85.802 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 43 Resp: 1637688

Ion Ratio Lower Upper

43 100

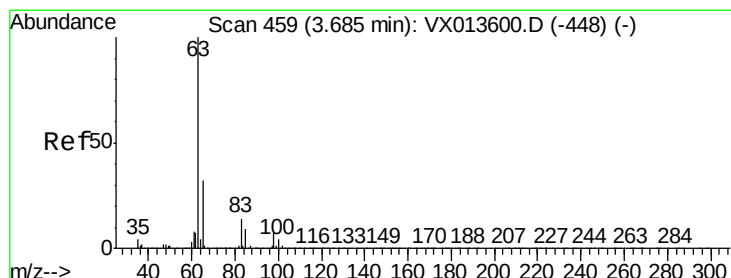
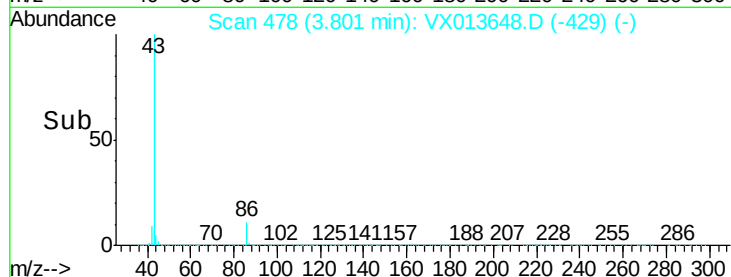
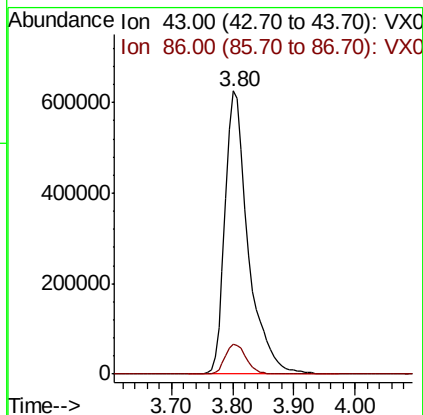
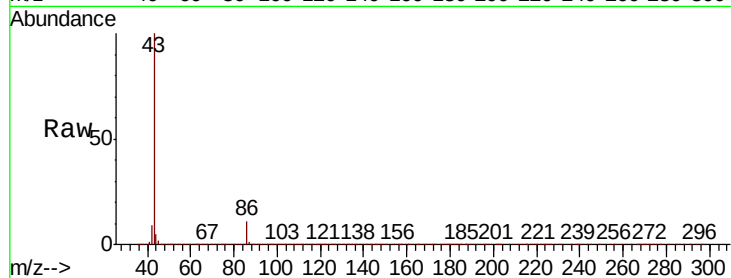
86 10.5 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.016 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

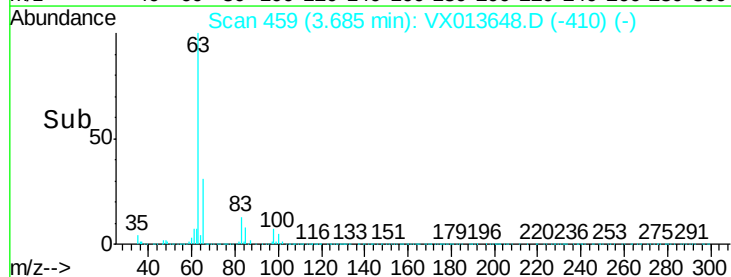
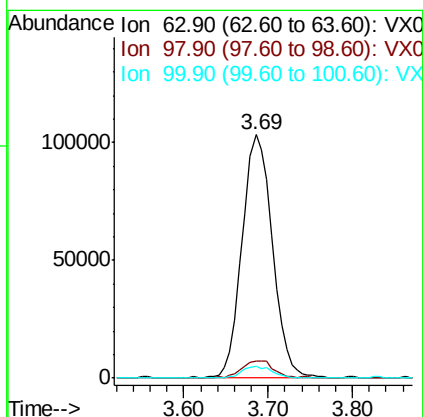
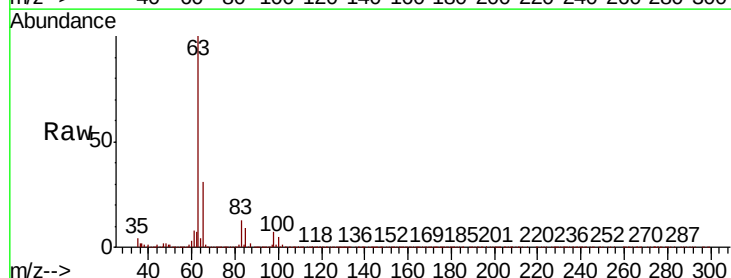
Tgt Ion: 63 Resp: 251057

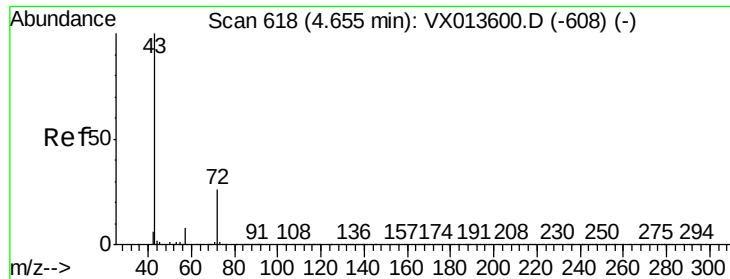
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 101.042 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 43 Resp: 593757

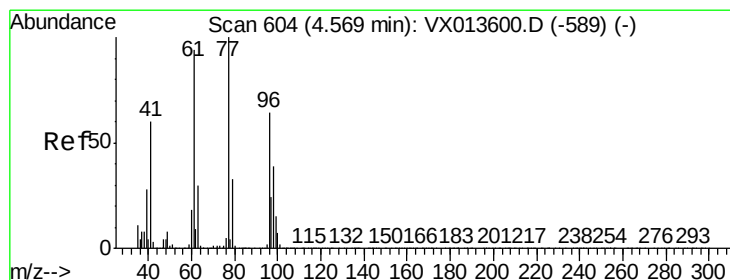
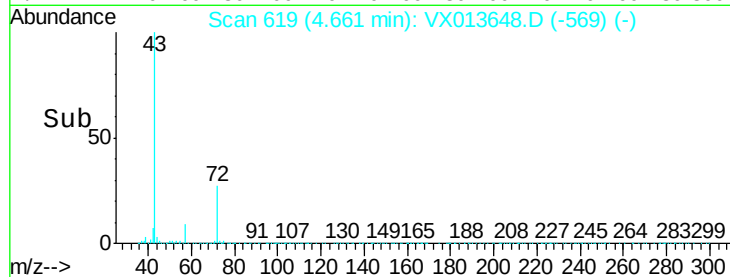
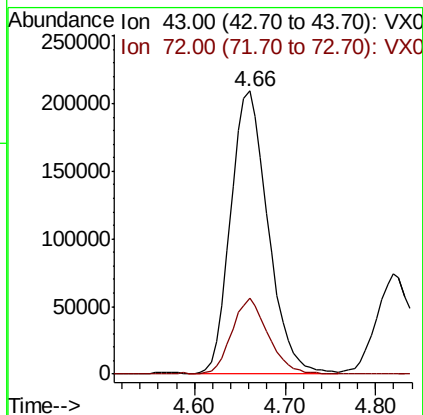
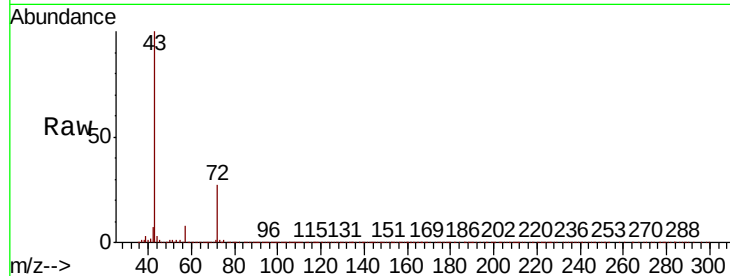
Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.036 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013648.D

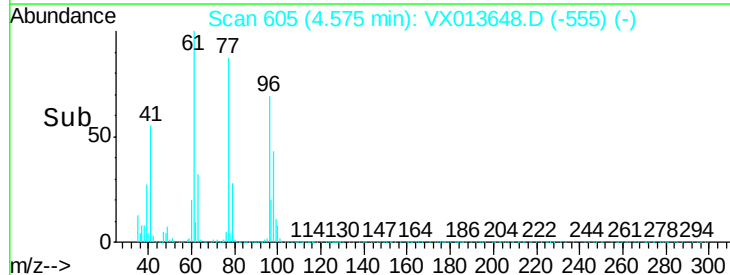
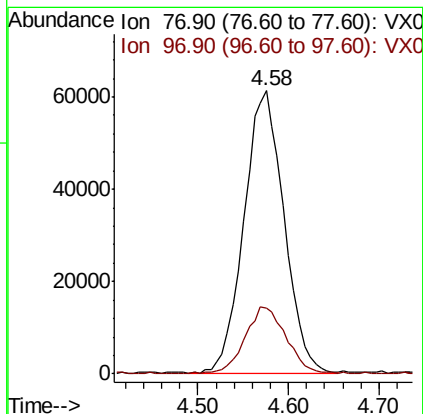
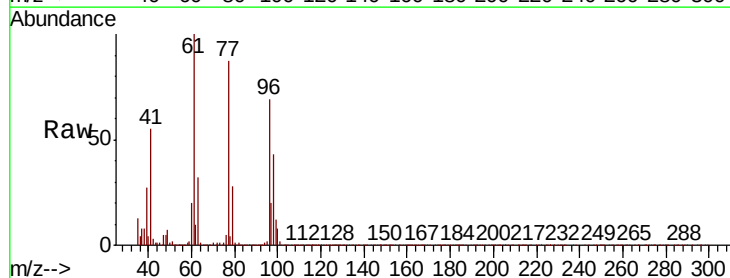
Acq: 27 Nov 2019 13:27

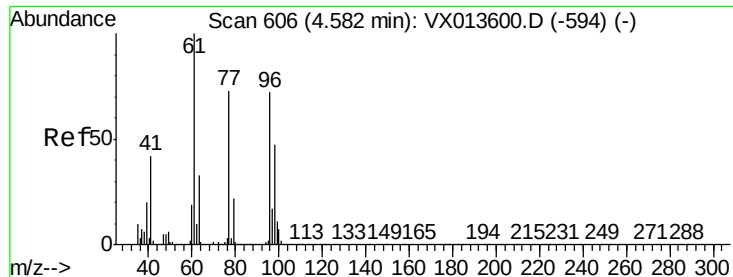
Tgt Ion: 77 Resp: 187170

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

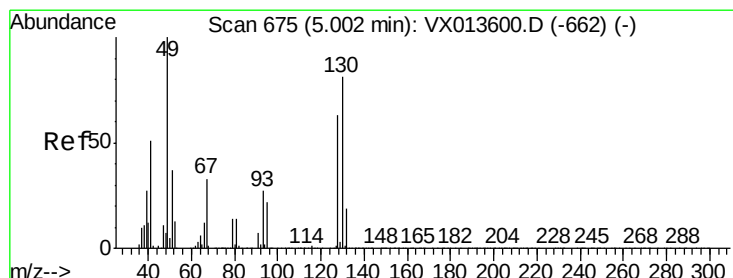
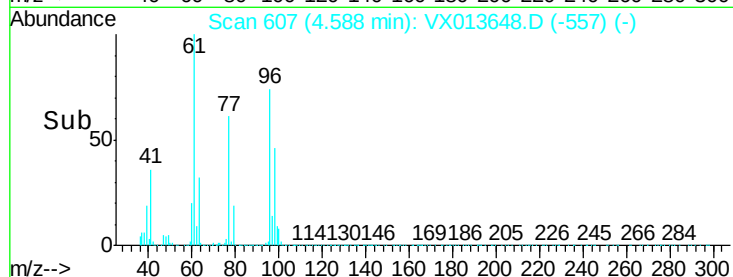
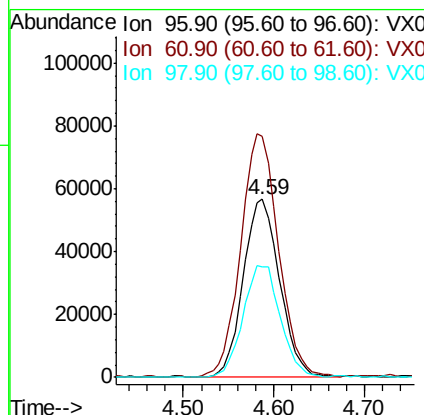
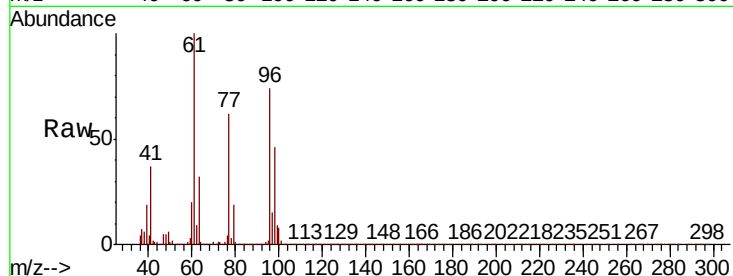
cis-1,2-Dichloroethene
Concen: 19.130 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampled :
VX1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157136		
61	141.1	0.0	286.4	
98	63.6	0.0	127.4	

Manual Integrations
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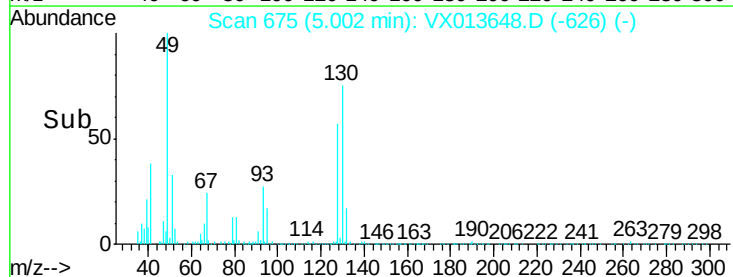
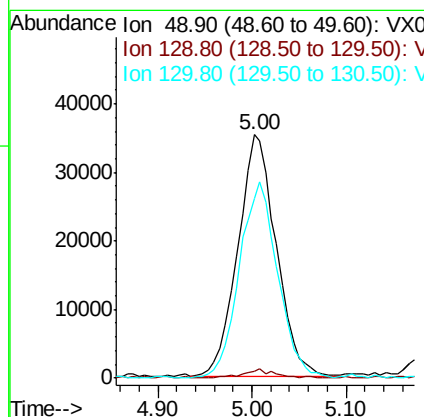
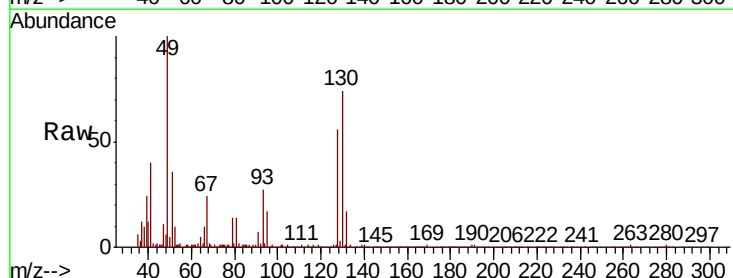
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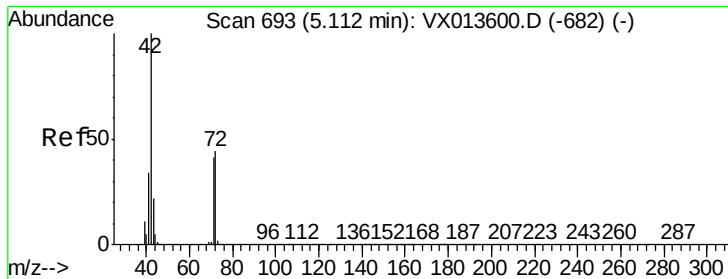


#28

Bromochloromethane
Concen: 20.215 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100232		
129	3.0	0.0	5.0	
130	81.9	65.4	98.0	





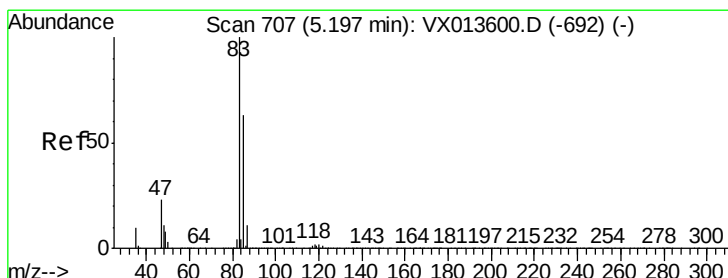
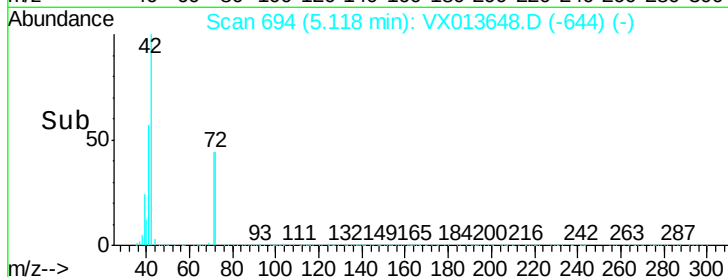
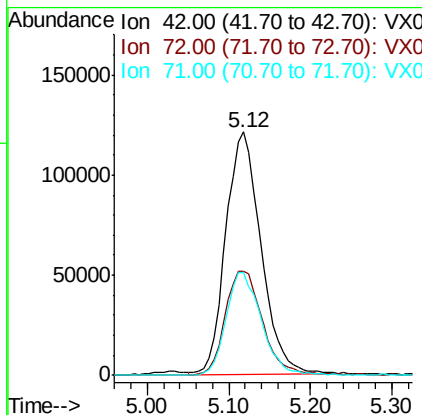
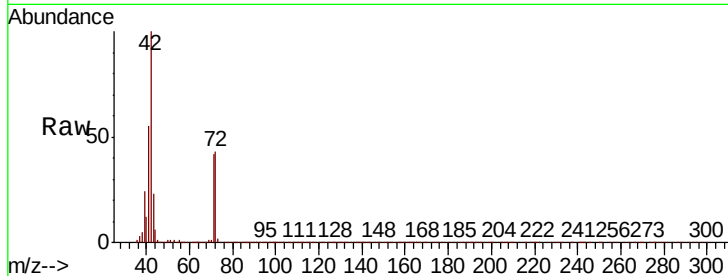
#29
Tetrahydrofuran
Concen: 99.582 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.3	54.5
71	43.2	33.2	49.8

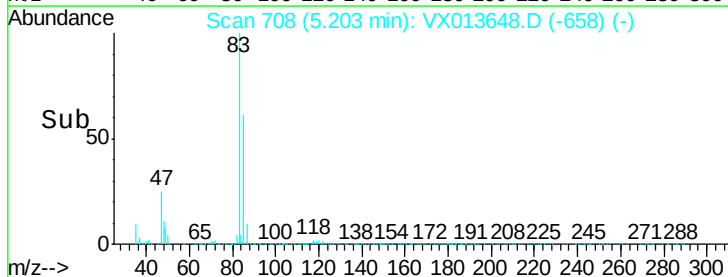
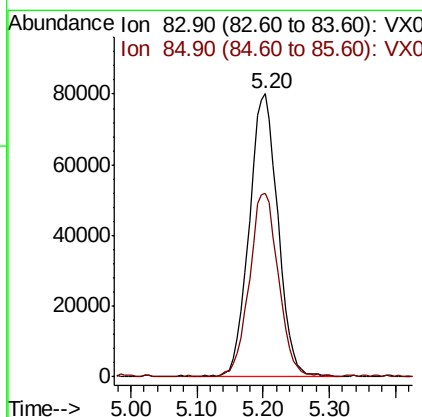
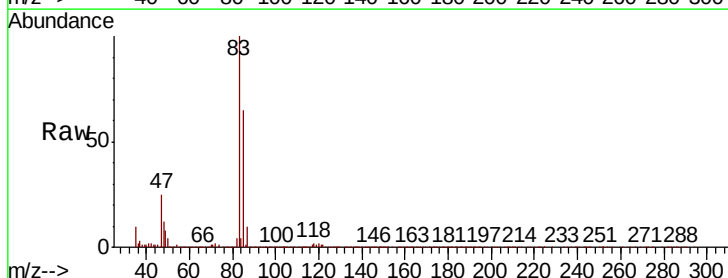
Manual Integrations
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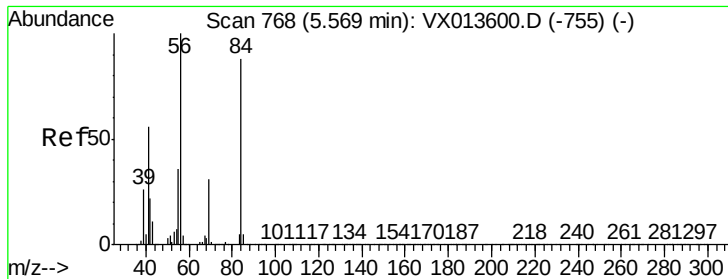
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#30
Chloroform
Concen: 18.950 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.2	75.4





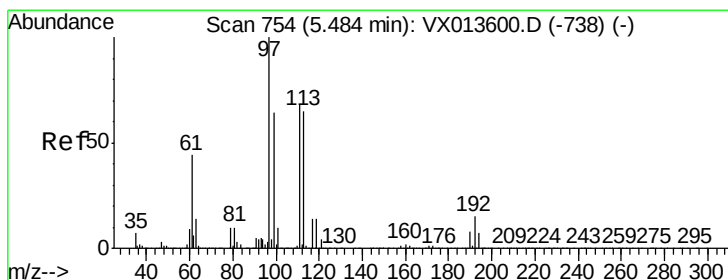
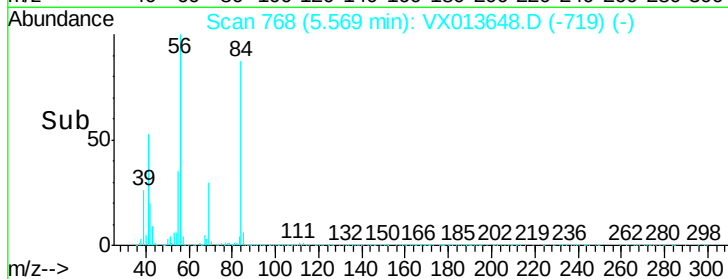
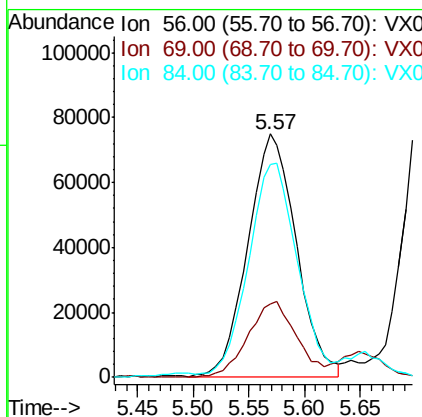
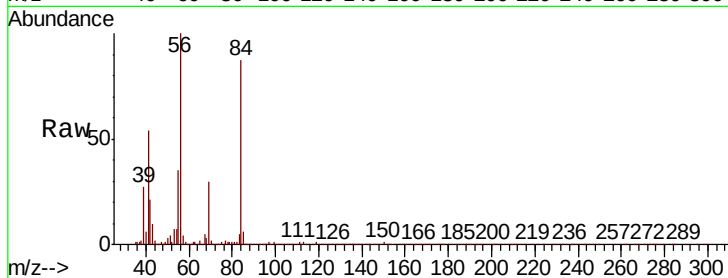
#31
Cyclohexane
Concen: 19.245 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	86.0	70.0	105.0

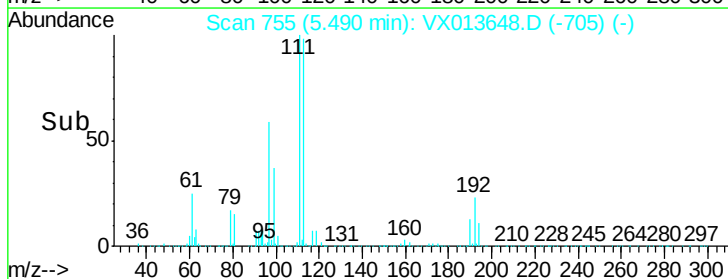
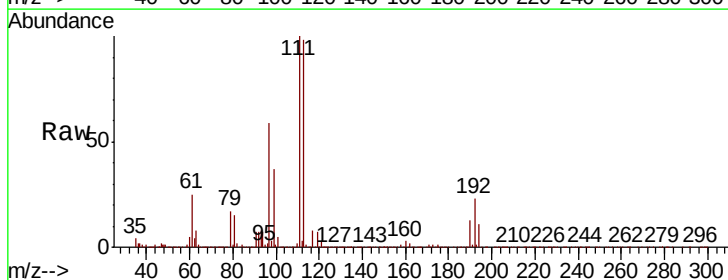
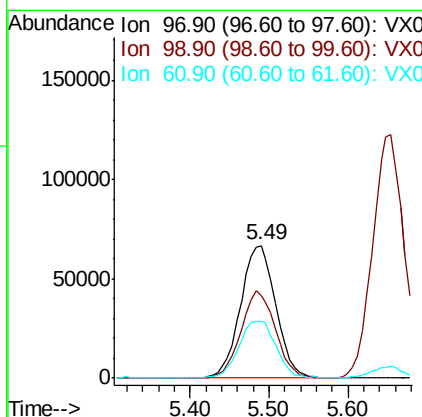
Manual Integrations
APPROVED

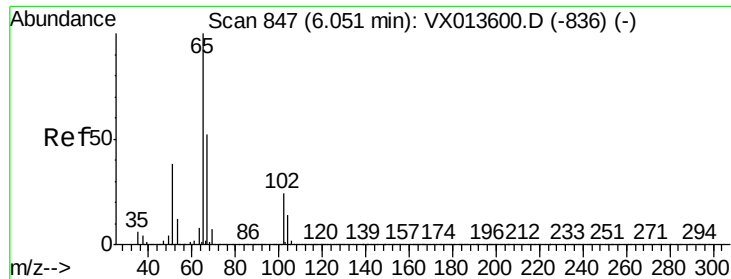
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#32
1,1,1-Trichloroethane
Concen: 19.451 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	45.2	36.1	54.1





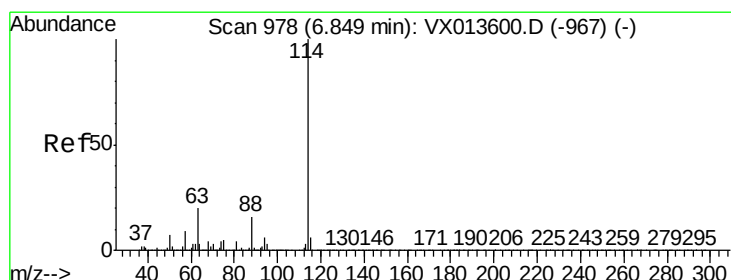
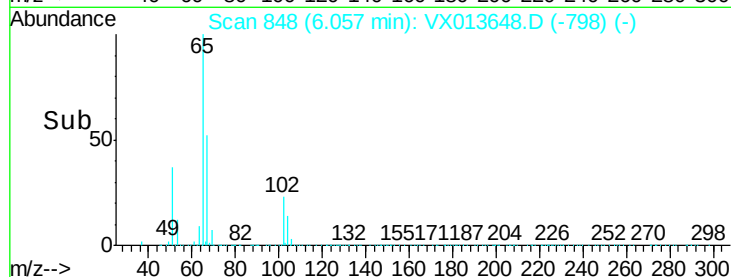
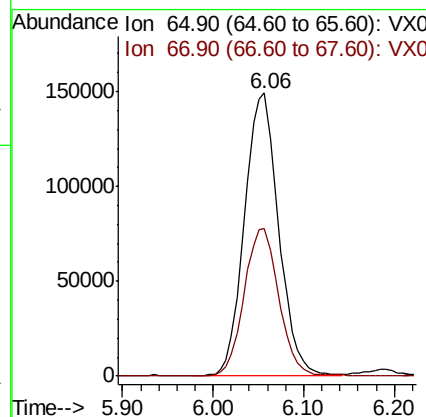
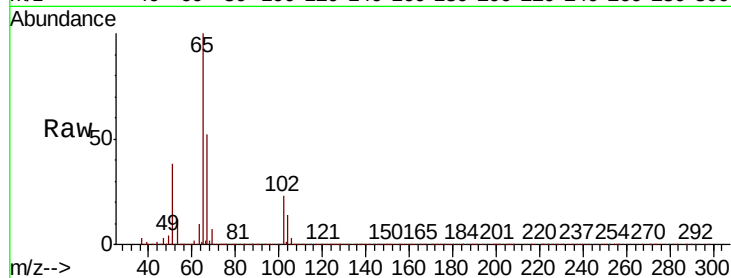
#33
 1,2-Dichloroethane-d4
 Concen: 48.396 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	387584		
67	52.7	0.0	104.4	

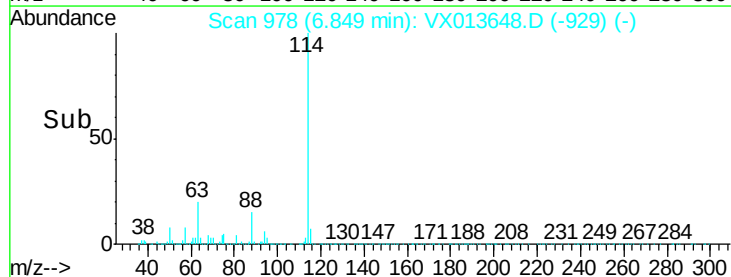
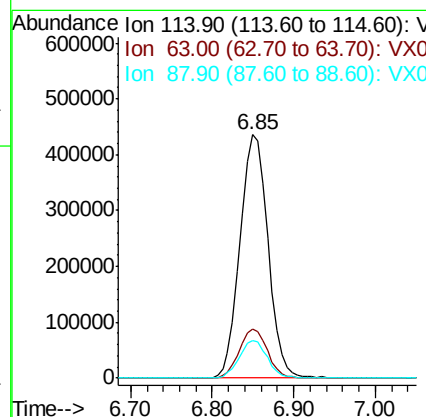
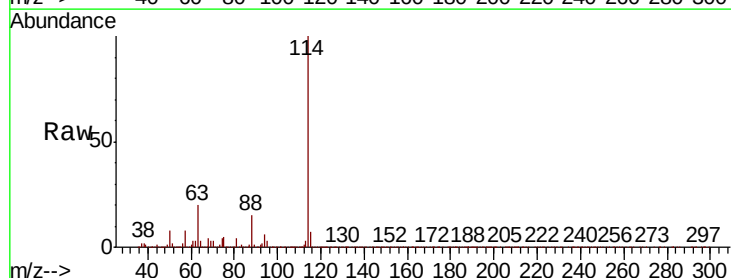
Manual Integrations
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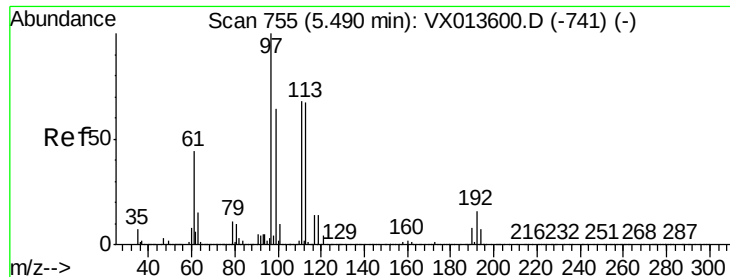
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1037026		
63	20.3	0.0	39.6	
88	15.1	0.0	31.4	





#35

Dibromofluoromethane

Concen: 49.743 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

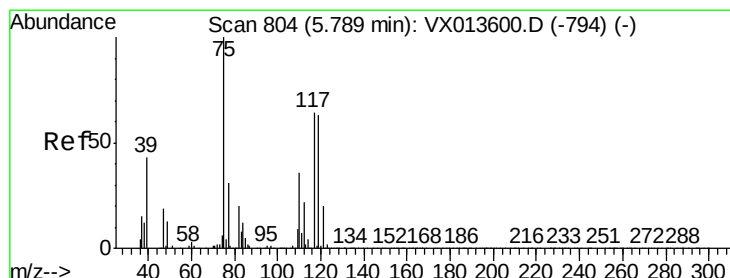
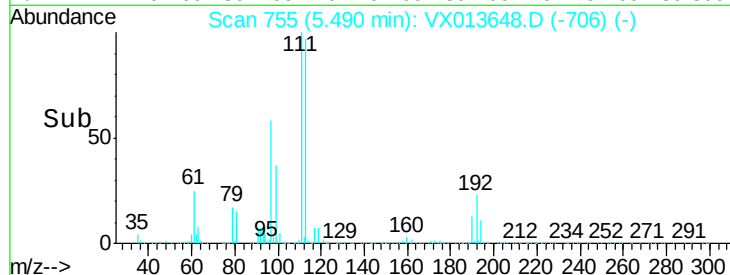
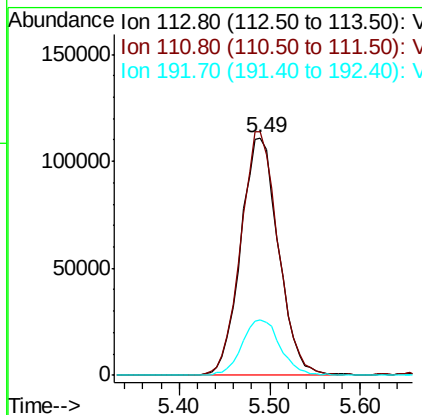
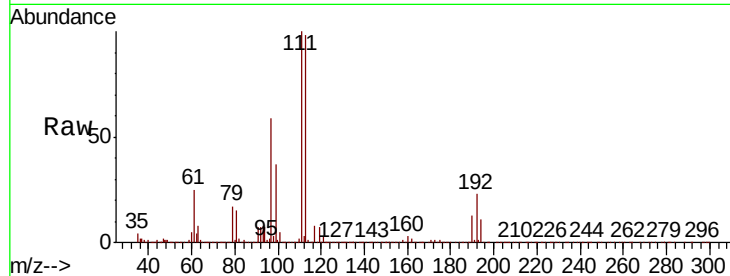
ClientSampleId :

VX1127WBS01

Tot Ion:	113	Resp:	318902
Ion Ratio	Lower	Upper	
113	100		
111	101.9	83.6	125.4
192	24.0	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.420 ug/l

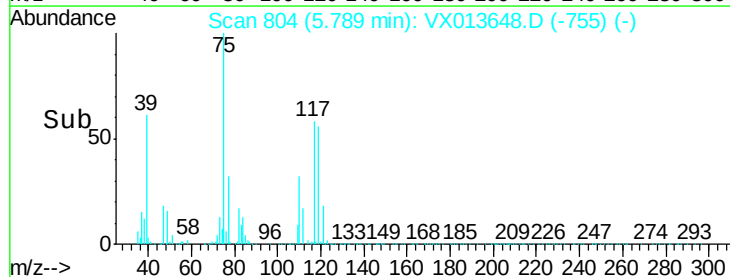
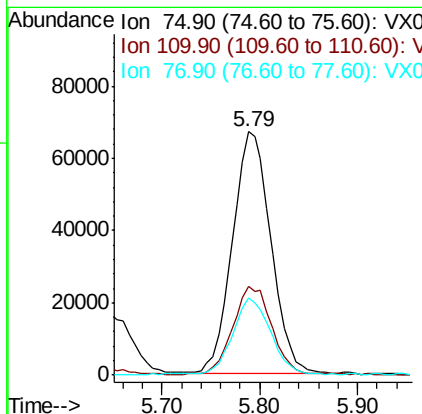
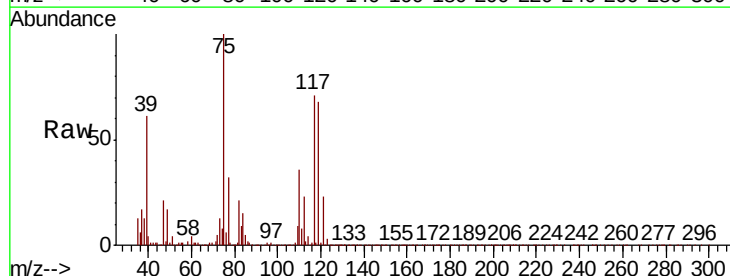
RT: 5.79 min Scan# 804

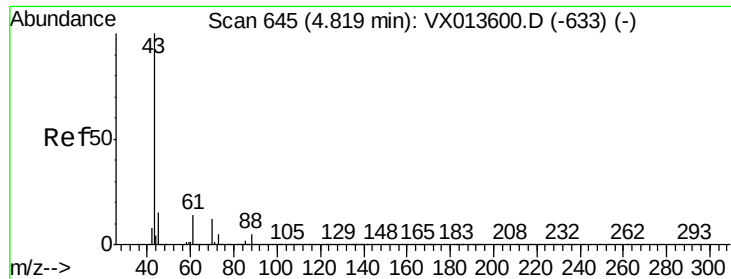
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	75	Resp:	182813
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	31.4	24.5	36.7





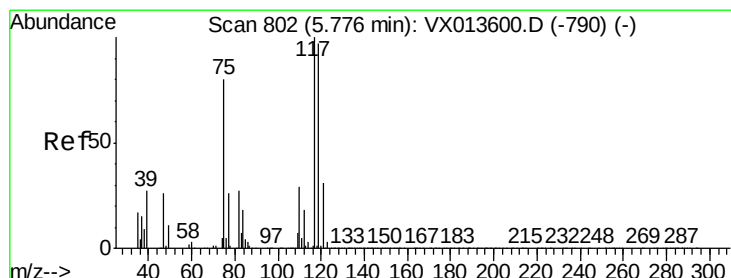
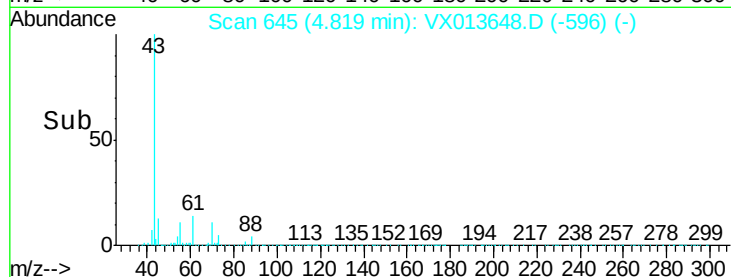
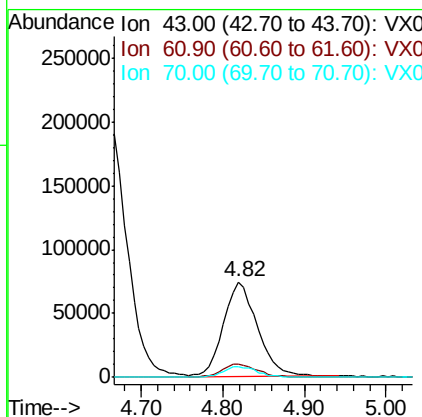
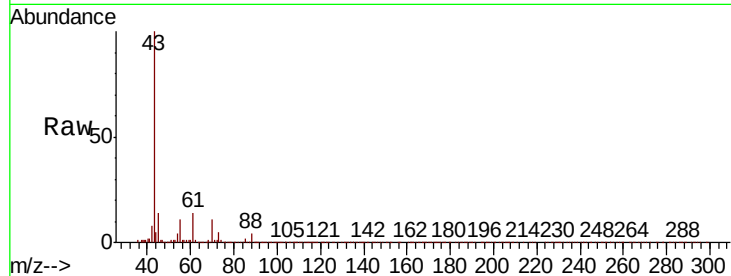
#37
Ethyl Acetate
Concen: 20.157 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampled :
VX1127WBS01

Tot Ion	43	Resp	212872
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.0	16.4
70	10.8	8.6	12.8

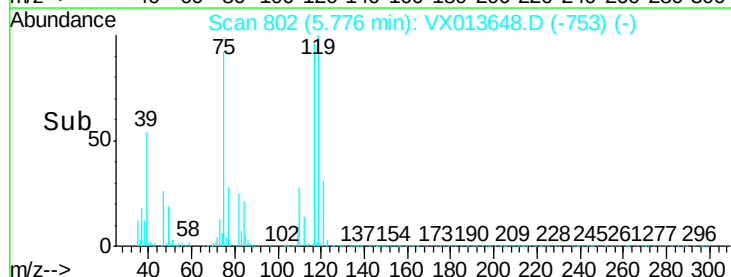
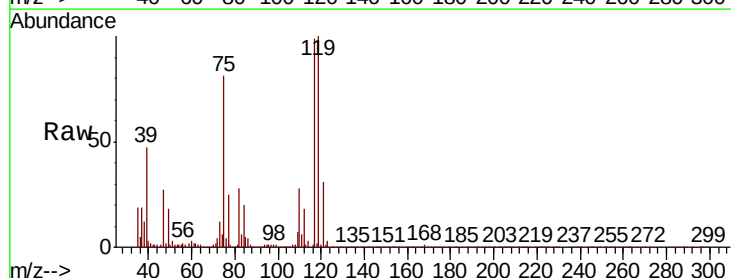
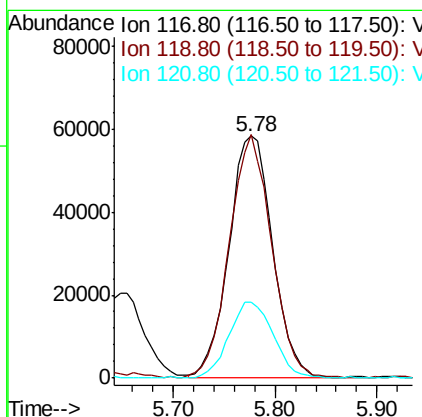
Manual Integrations
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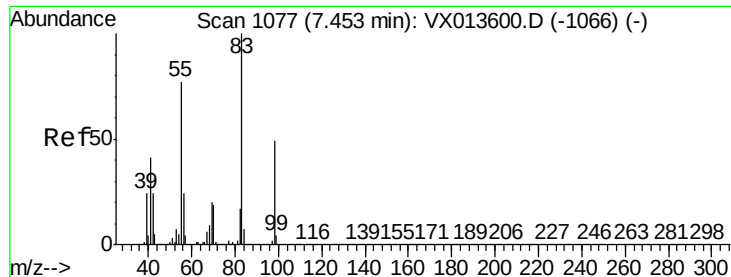
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#38
Carbon Tetrachloride
Concen: 19.881 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	117	Resp	172574
Ion Ratio	Lower	Upper	
117	100		
119	100.2	77.5	116.3
121	31.2	25.0	37.6





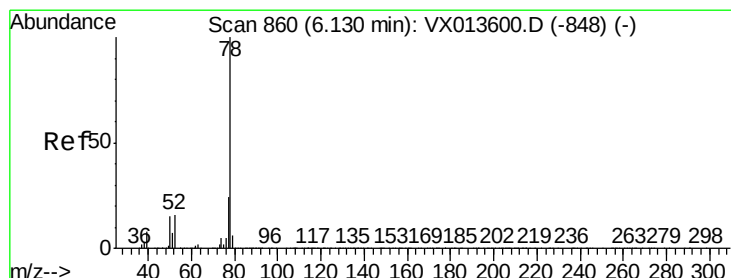
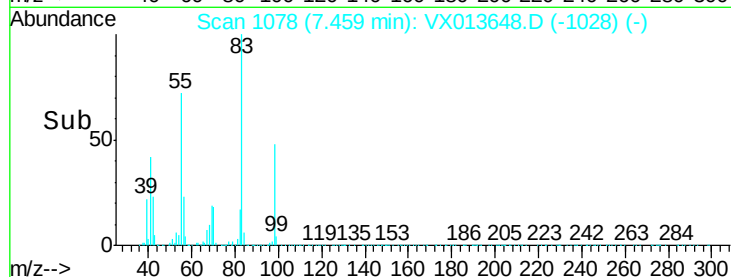
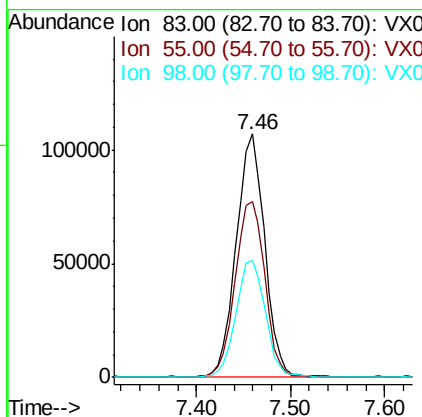
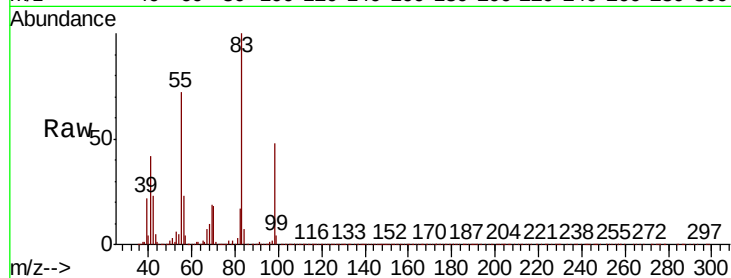
#39
Methylvlcyclohexane
Concen: 19.514 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227065		
55	71.9		61.9	92.9
98	47.8		39.4	59.0

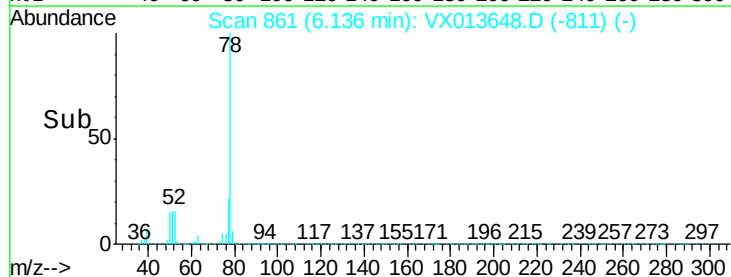
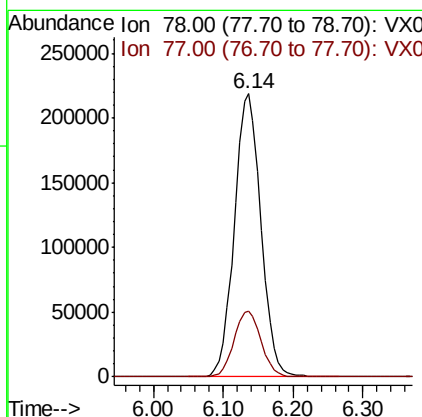
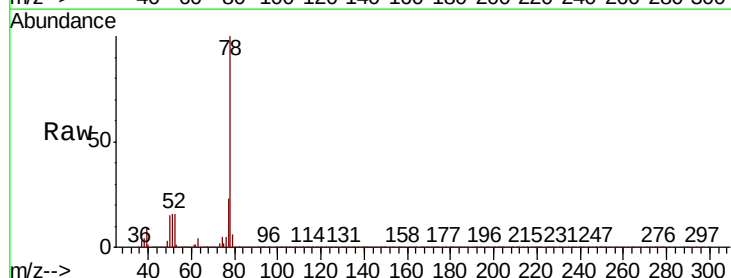
Manual Integrations
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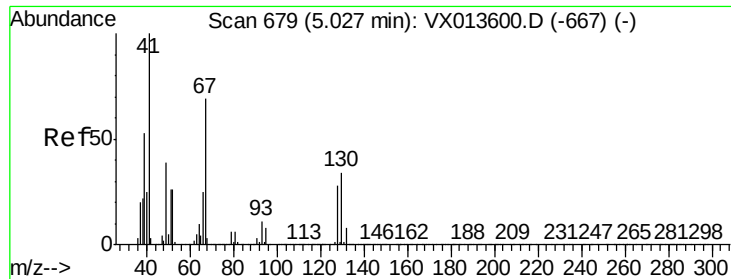
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#40
Benzene
Concen: 20.008 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	573632		
77	23.0		19.0	28.4





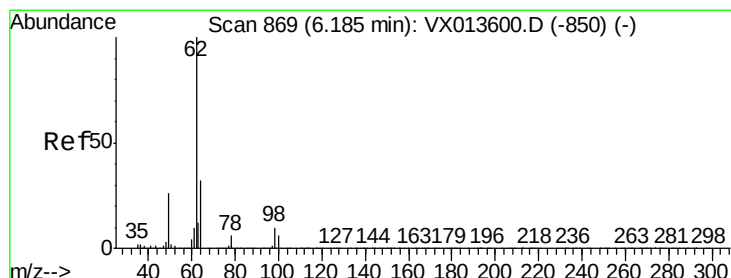
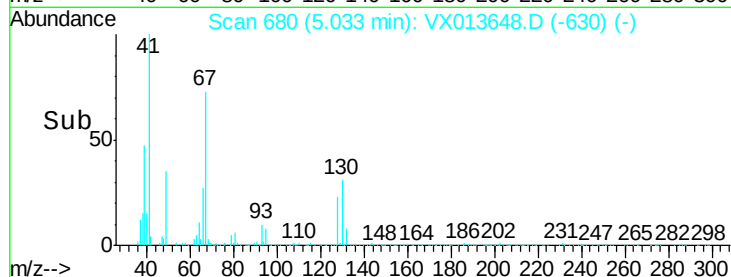
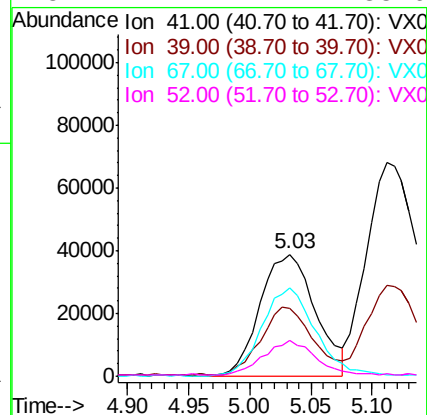
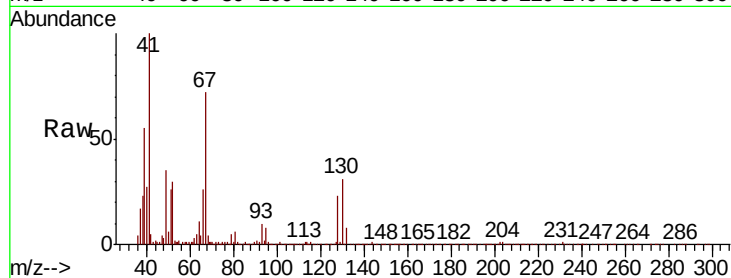
#41
Methacrylonitrile
Concen: 21.289 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		123299		
39	51.9	42.9	64.3		
67	68.8	57.4	86.0		
52	27.1	22.4	33.6		

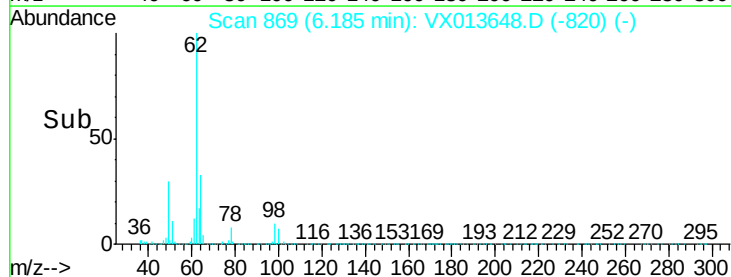
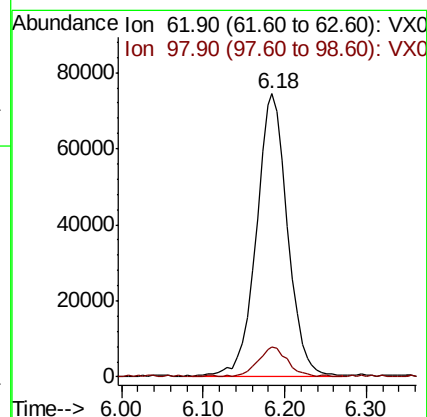
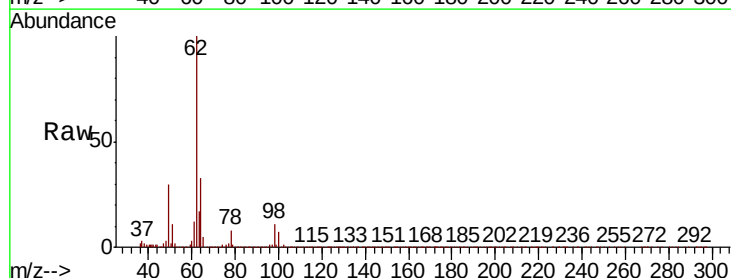
Manual Integrations
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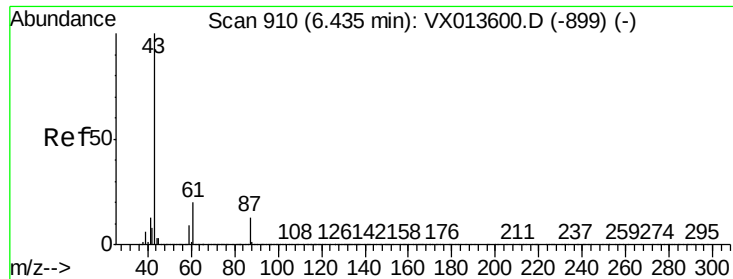
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.393 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		199404		
98	9.7	0.0	20.8		





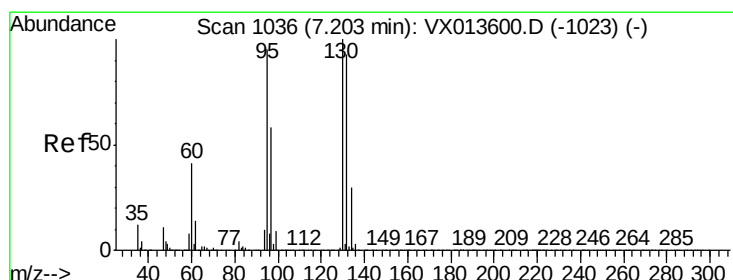
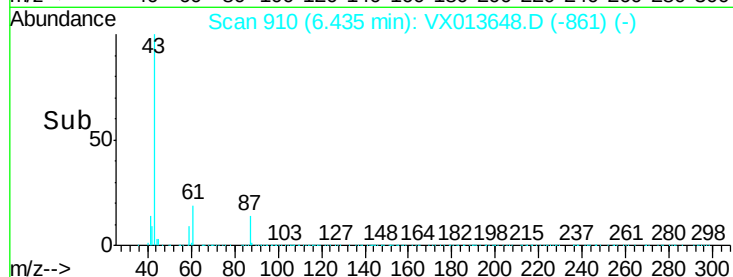
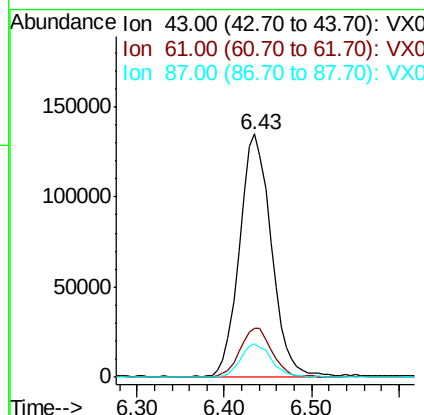
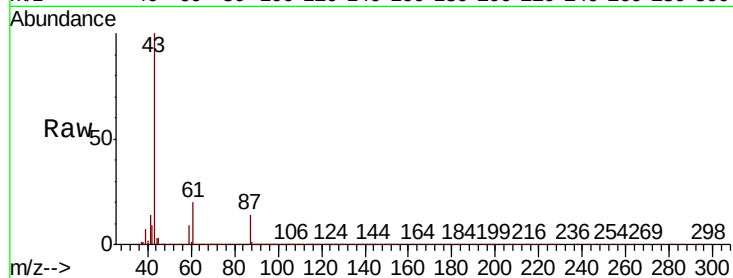
#43
Isopropyl Acetate
Concen: 19.592 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	43	Resp	340629
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.3	24.5
87	13.6	10.8	16.2

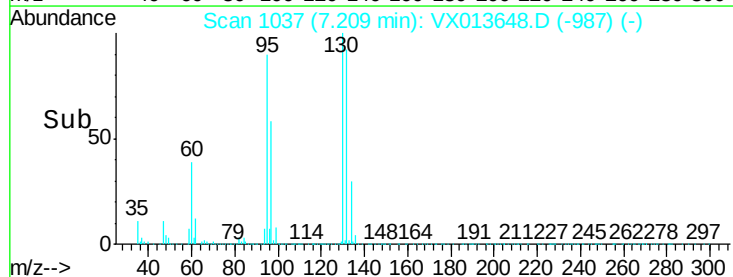
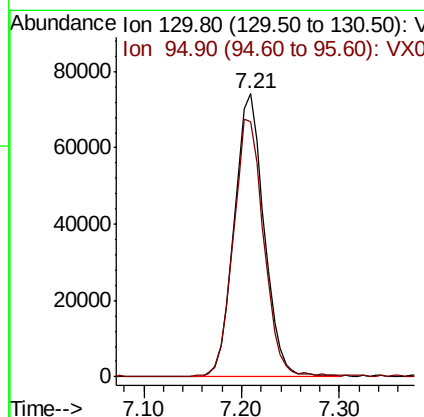
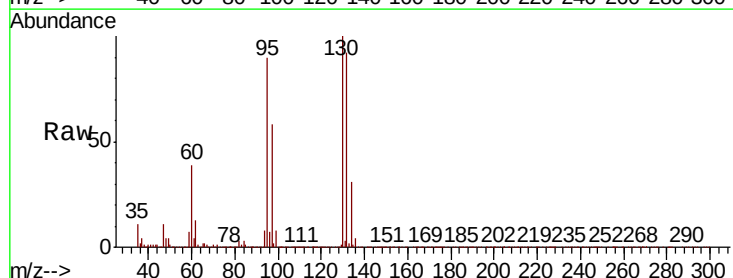
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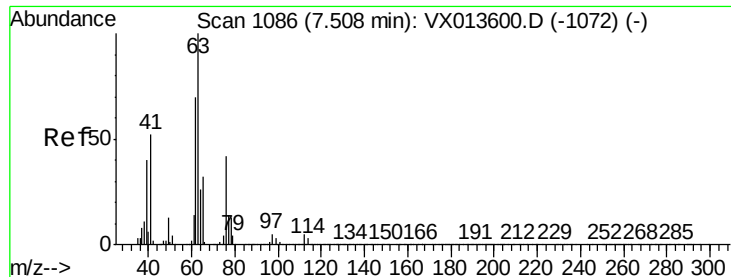
MMDadoda
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#44
Trichloroethene
Concen: 19.953 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	130	Resp	156998
Ion Ratio	Lower	Upper	
130	100		
95	90.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.213 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 63 Resp: 144991

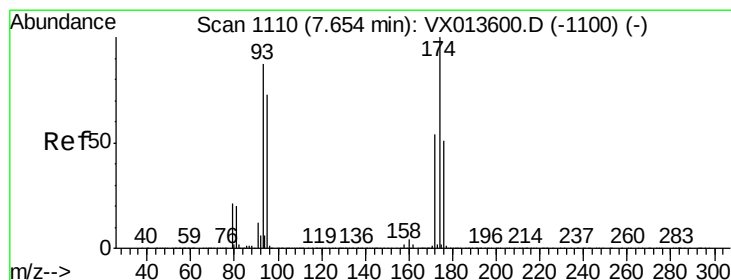
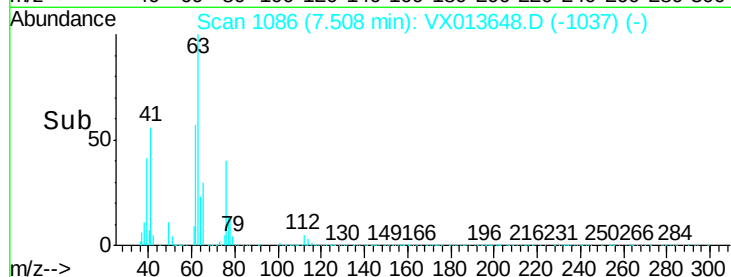
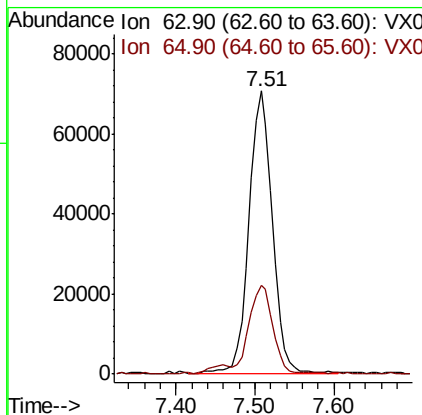
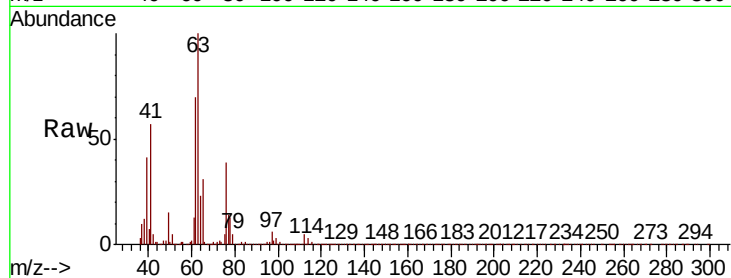
Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3

Manual Integrations
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#46

Dibromomethane

Concen: 19.797 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

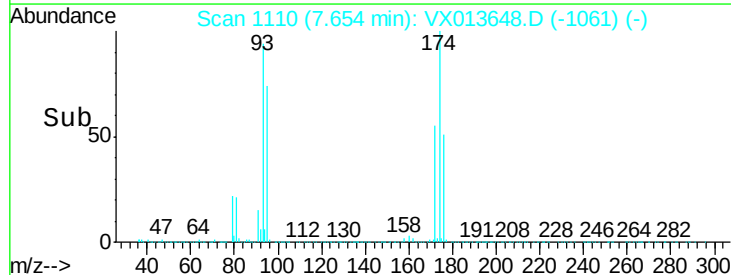
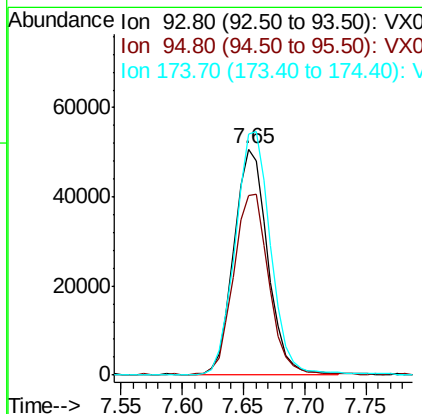
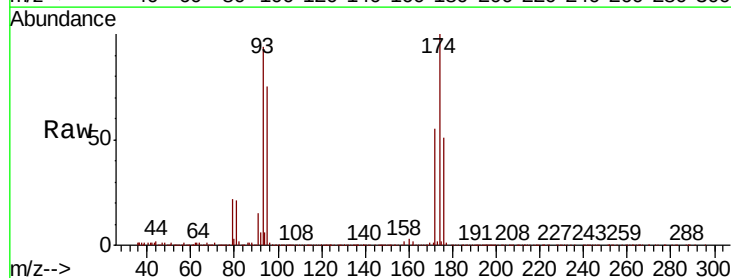
Tgt Ion: 93 Resp: 96452

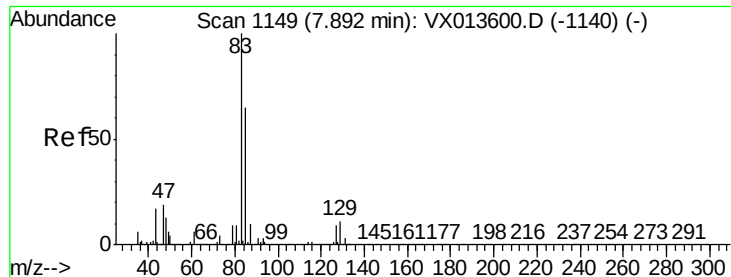
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 113.1 93.4 140.0





#47

Bromodichloromethane

Concen: 19.572 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

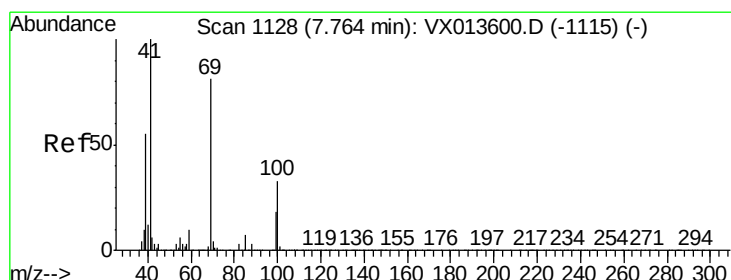
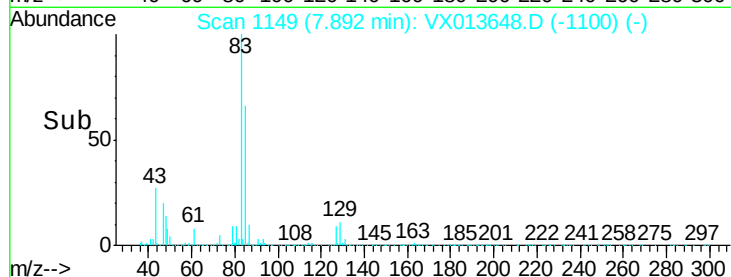
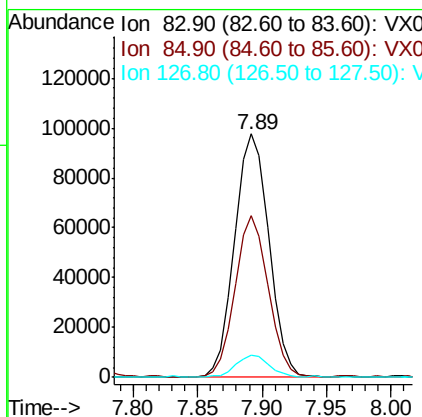
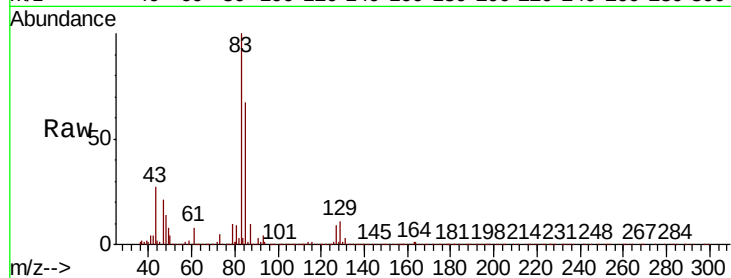
ClientSampleId :

VX1127WBS01

Tot Ion:	83	Resp:	180267
Ion Ratio	Lower	Upper	
83	100		
85	66.5	52.1	78.1
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.956 ug/l

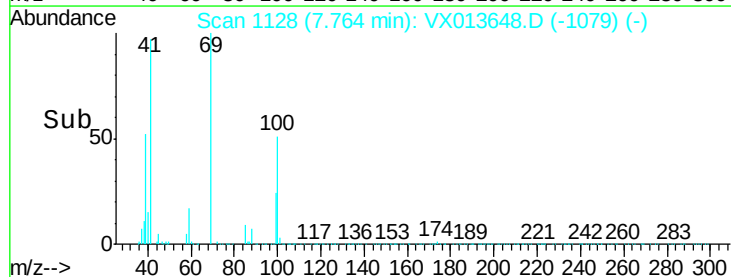
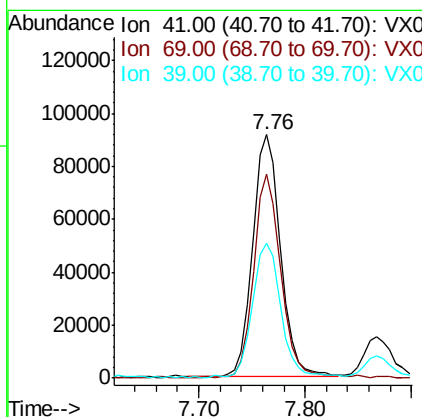
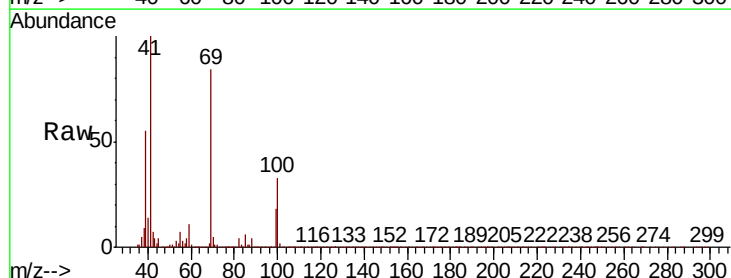
RT: 7.76 min Scan# 1128

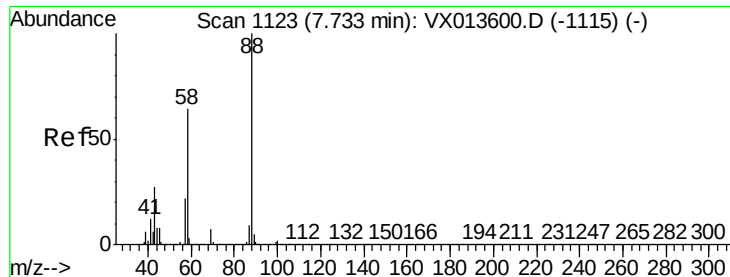
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	41	Resp:	168577
Ion Ratio	Lower	Upper	
41	100		
69	82.8	64.7	97.1
39	56.9	43.8	65.6





#49

1,4-Dioxane

Concen: 383.066 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

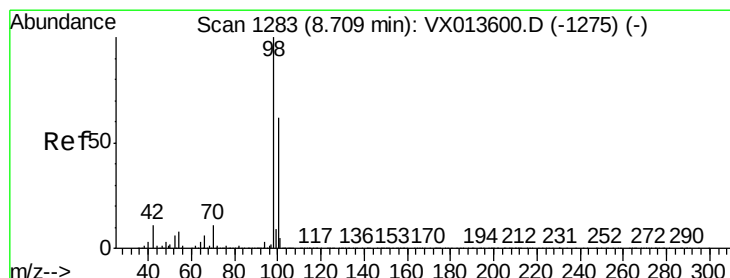
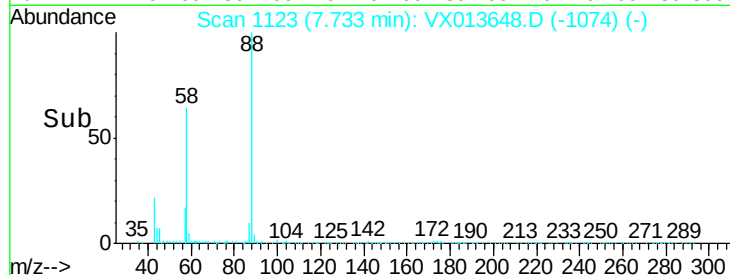
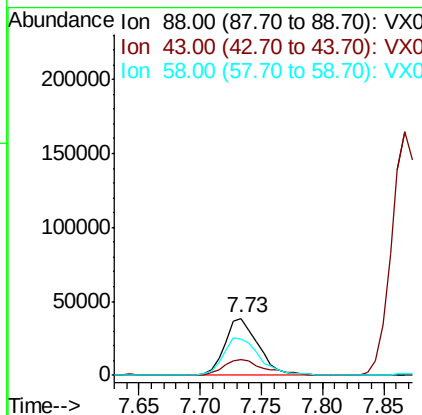
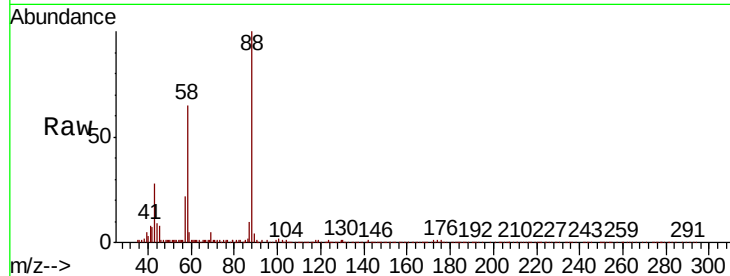
ClientSampleId :

VX1127WBS01

Tot Ion:	88	Resp:	72433
Ion Ratio	Lower	Upper	
88	100		
43	32.2	25.8	38.6
58	70.7	54.6	82.0

Manual Integrations
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#50

Toluene-d8

Concen: 49.445 ug/l

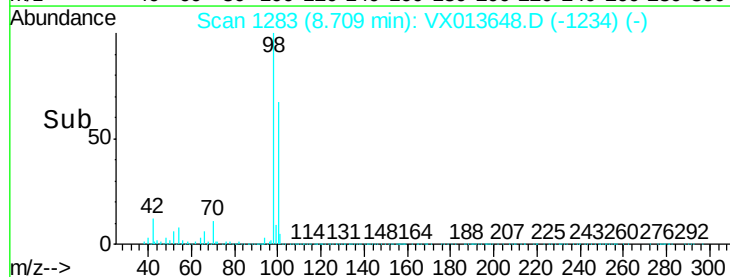
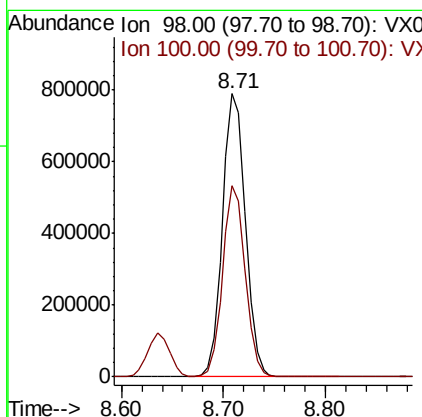
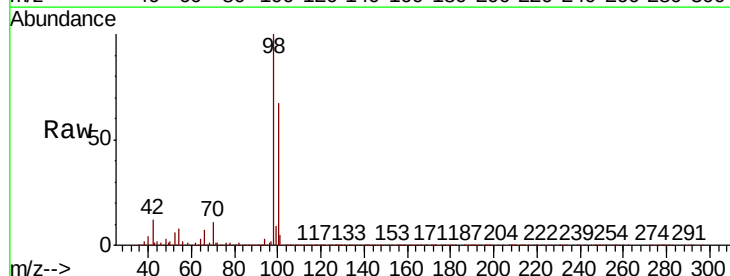
RT: 8.71 min Scan# 1283

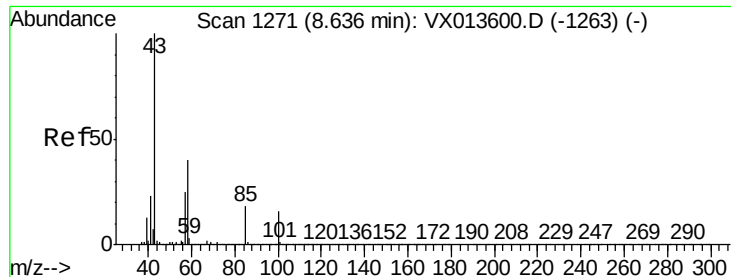
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	98	Resp:	1235041
Ion Ratio	Lower	Upper	
98	100		
100	66.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 101.186 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 43 Resp: 1106600

Ion Ratio Lower Upper

43 100

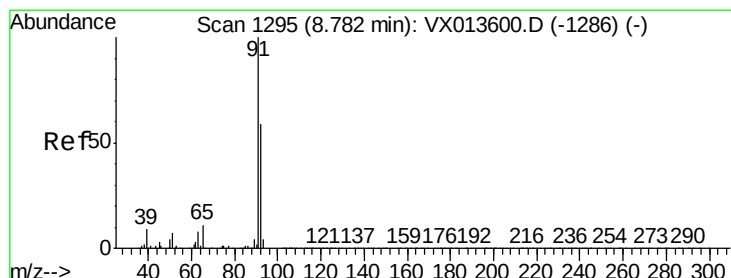
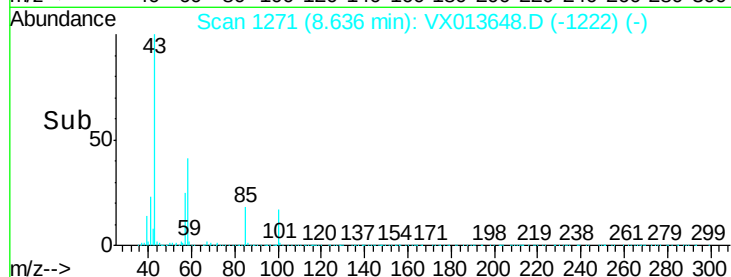
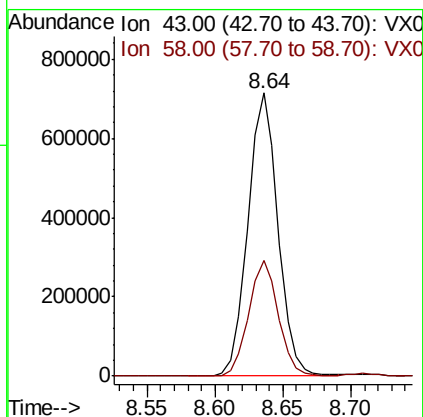
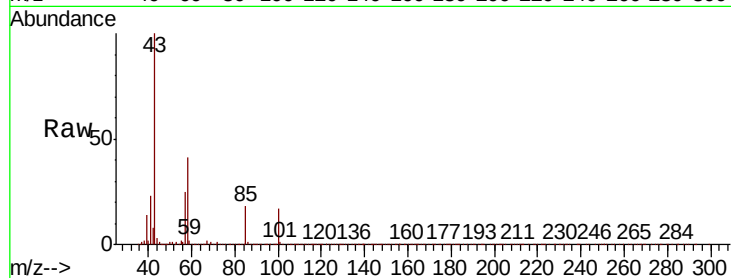
58 40.2 32.1 48.1

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#52

Toluene

Concen: 19.974 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013648.D

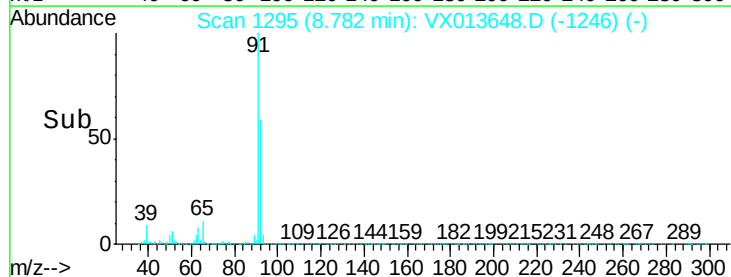
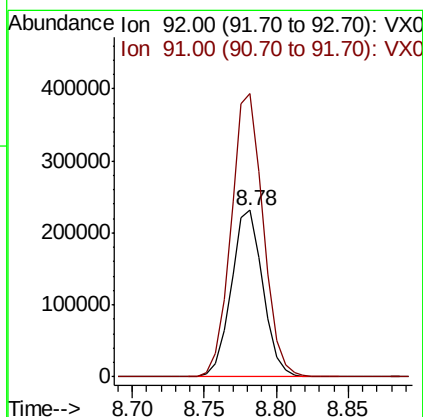
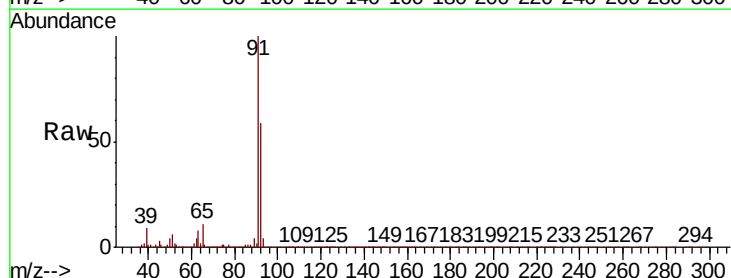
Acq: 27 Nov 2019 13:27

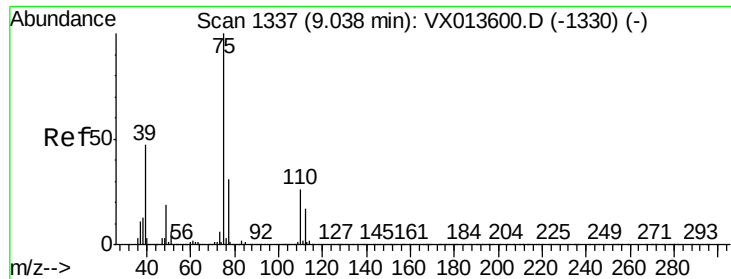
Tgt Ion: 92 Resp: 355773

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2





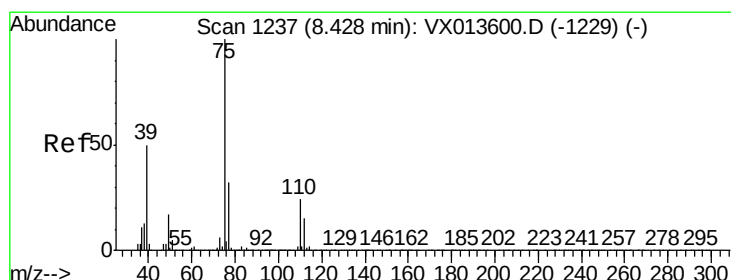
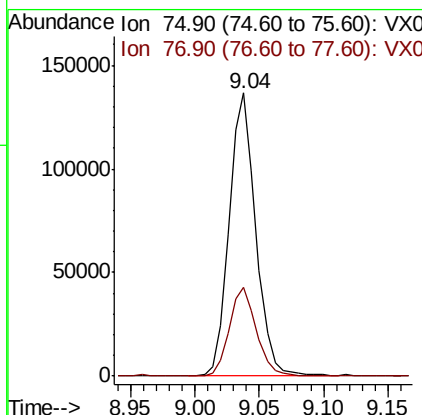
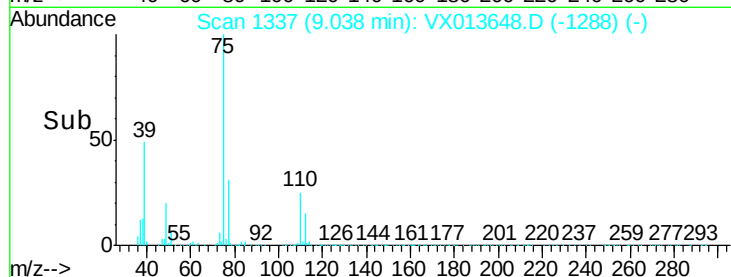
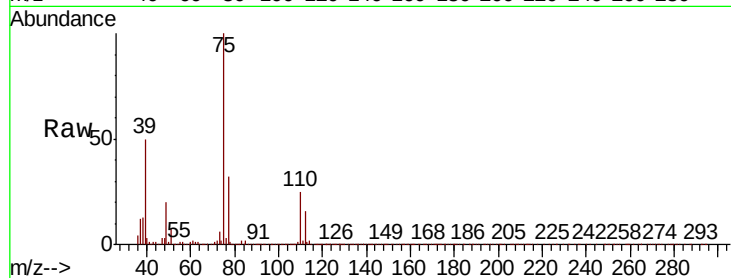
#53
t-1,3-Dichloropropene
Concen: 18.737 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

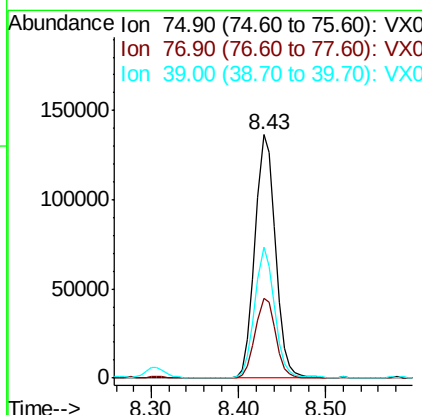
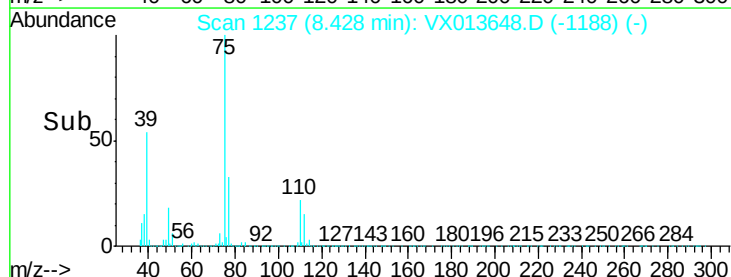
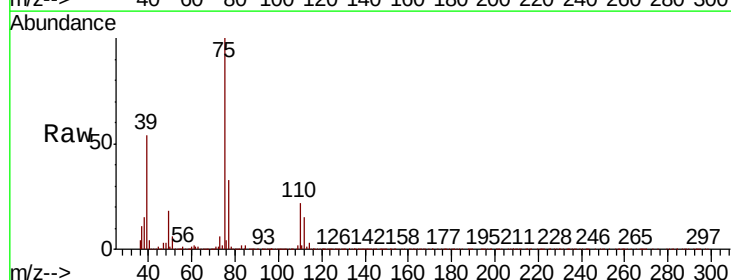
Manual Integrations
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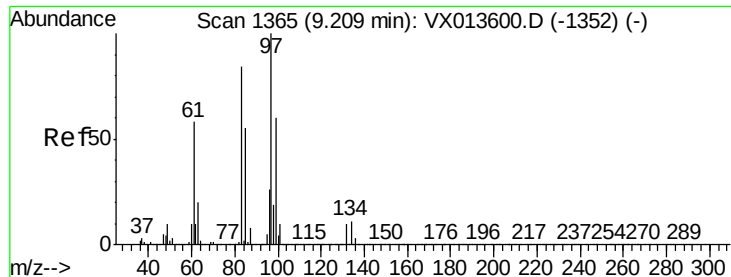
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.438 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	53.6	39.9	59.9





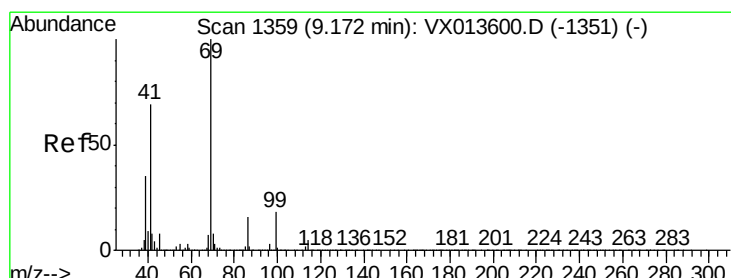
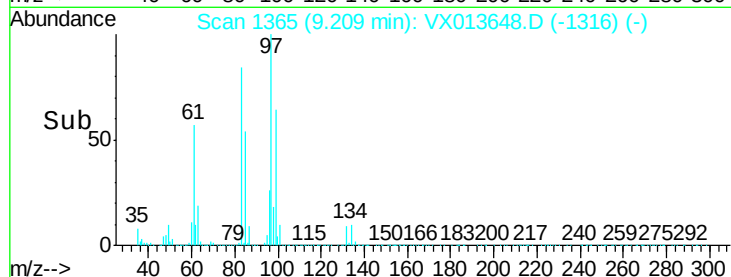
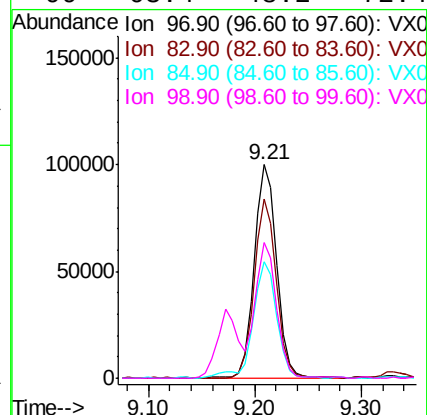
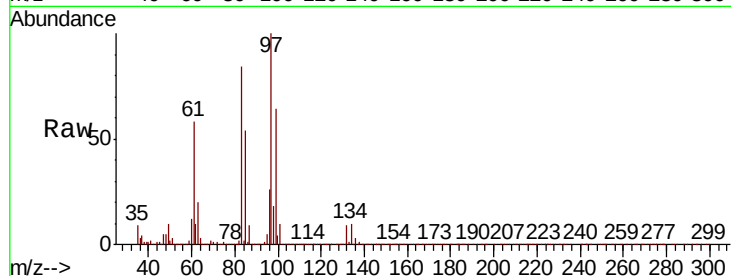
#55
 1,1,2-Trichloroethane
 Concen: 20.516 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.1	67.3	100.9		
85	54.2	43.6	65.4		
99	63.4	48.2	72.4		

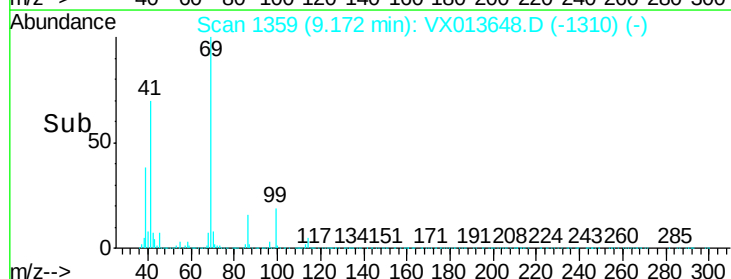
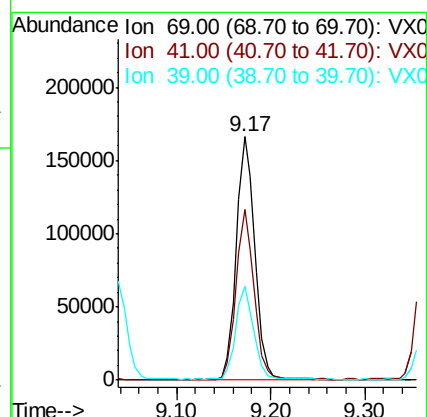
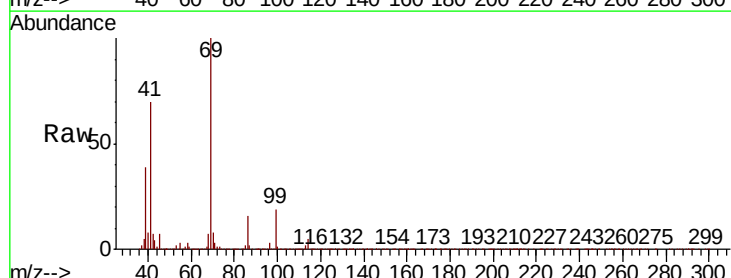
Manual Integrations
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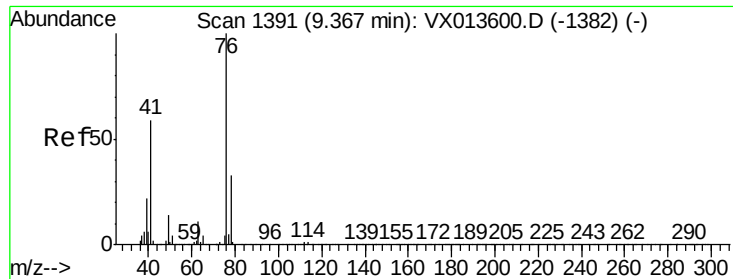
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#56
 Ethyl methacrylate
 Concen: 19.704 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	67.8	55.0	82.4		
39	37.1	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 19.559 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 76 Resp: 241978

Ion Ratio Lower Upper

76 100

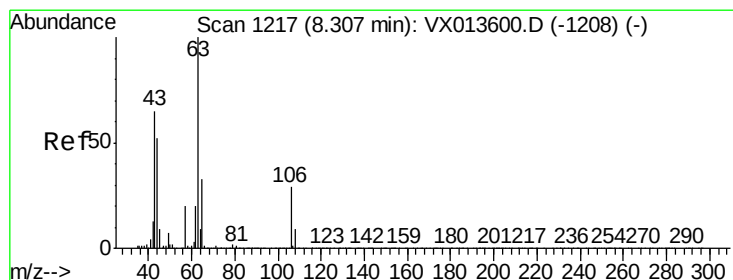
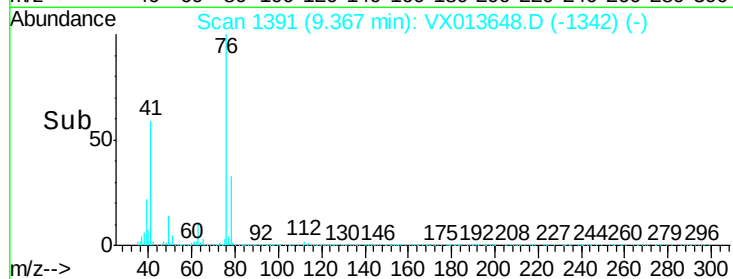
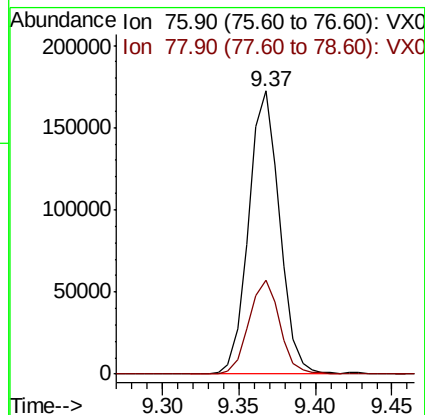
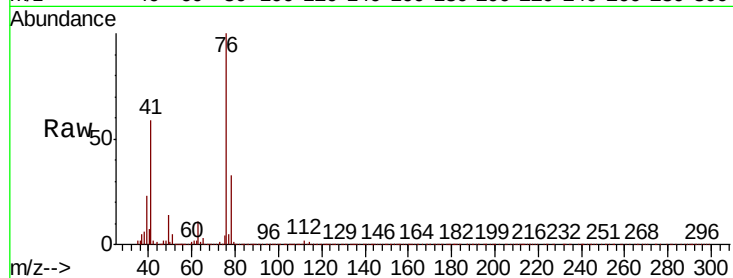
78 33.4 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 97.248 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013648.D

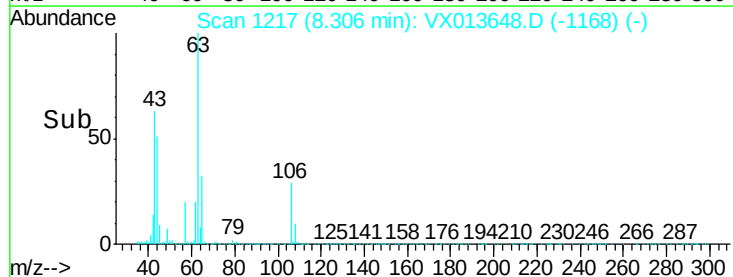
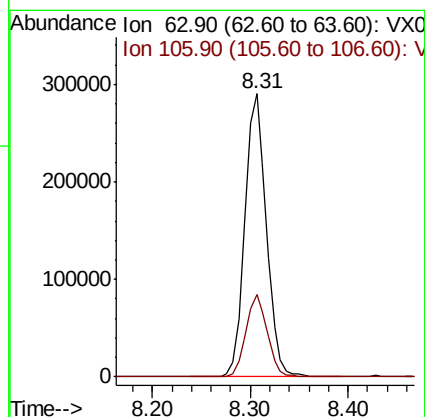
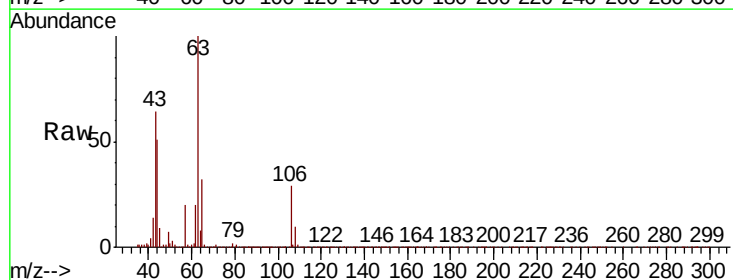
Acq: 27 Nov 2019 13:27

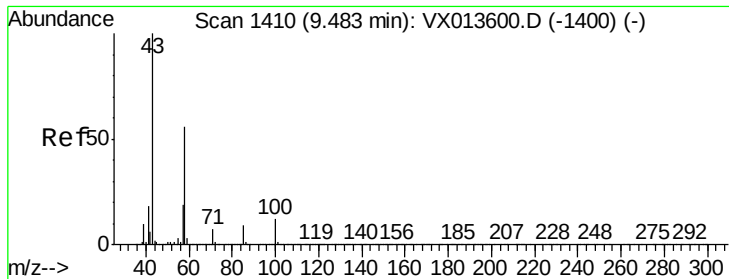
Tgt Ion: 63 Resp: 439997

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0





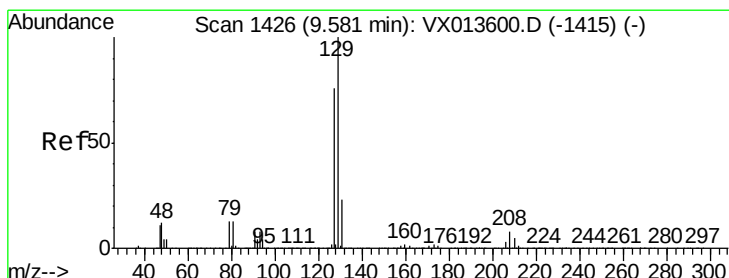
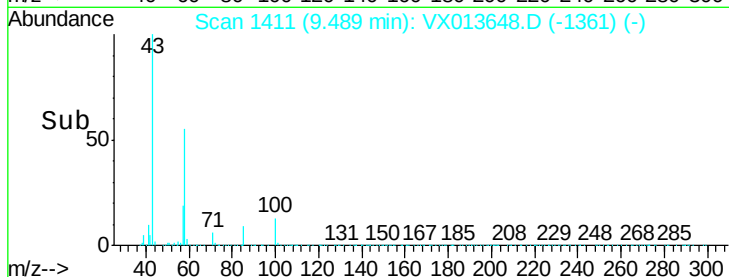
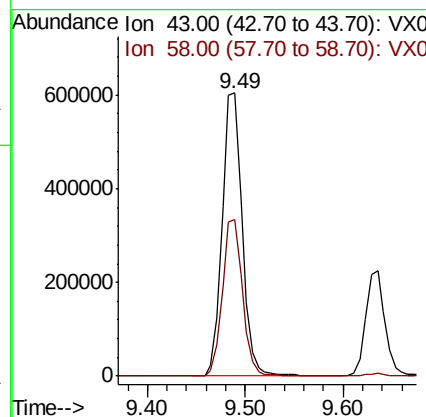
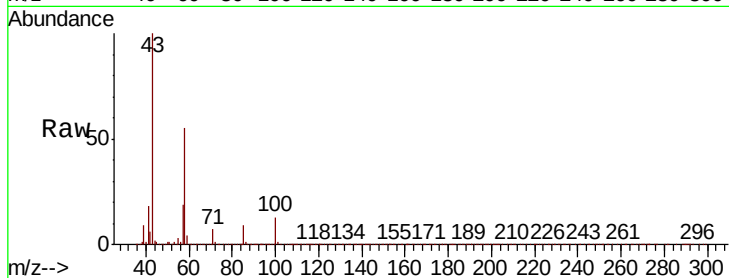
#59
2-Hexanone
Concen: 100.775 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion: 43 Resp: 859562
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

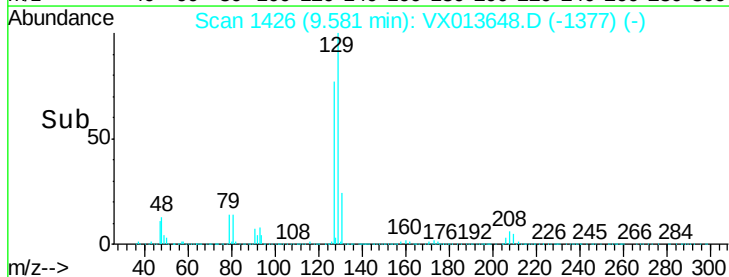
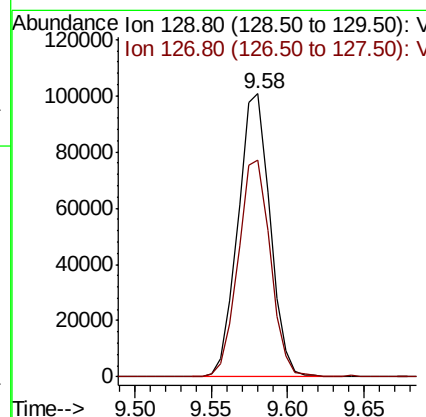
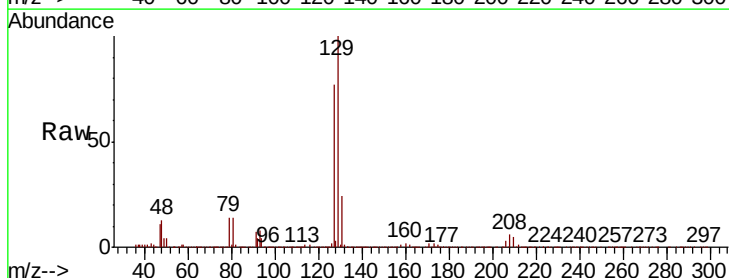
Manual Integrations
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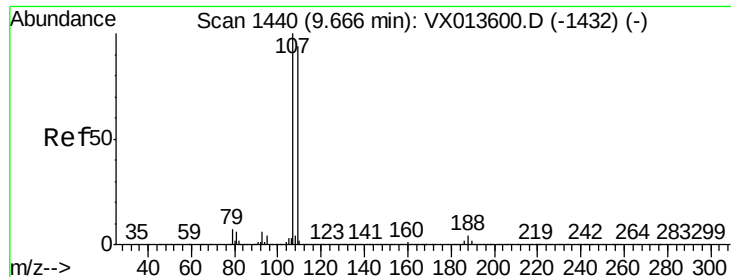
MMDadoda
12/2/2019 12:48:09 PM



#60
Dibromochloromethane
Concen: 19.645 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion: 129 Resp: 146336
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.073 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WS01

Tot Ion: 107 Resp: 153878

Ion Ratio Lower Upper

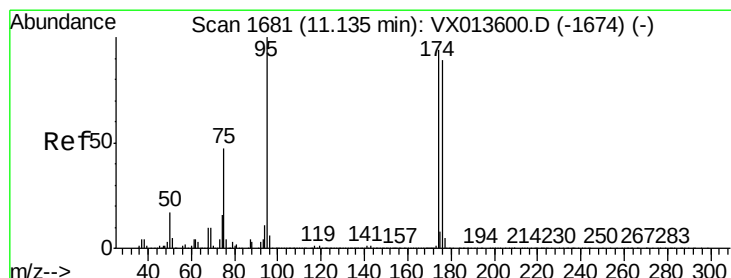
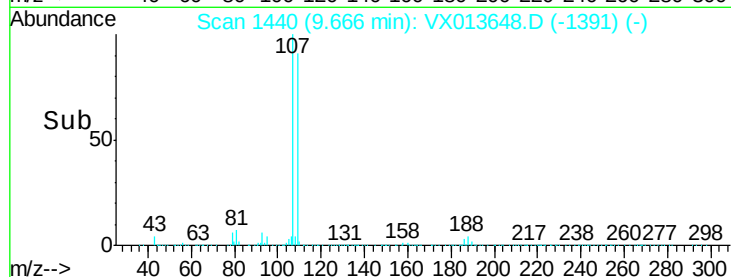
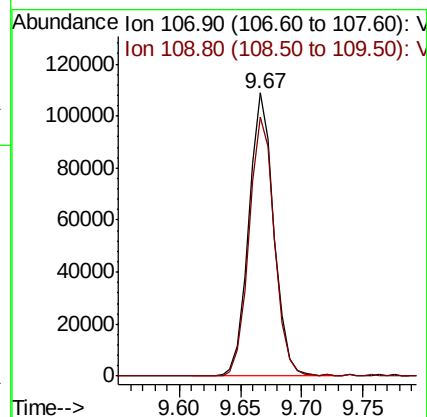
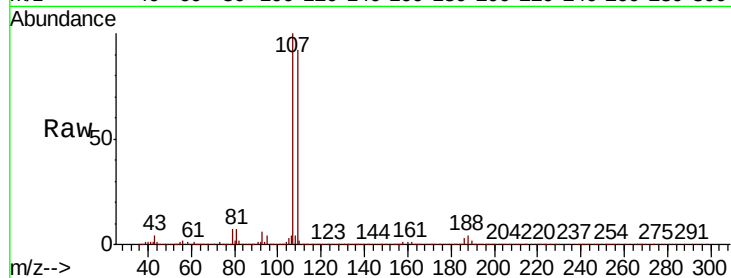
107 100

109 92.8 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 48.224 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

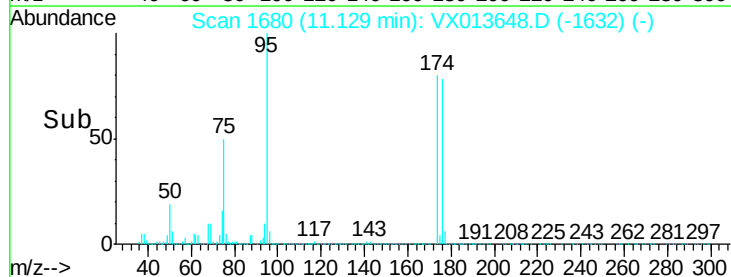
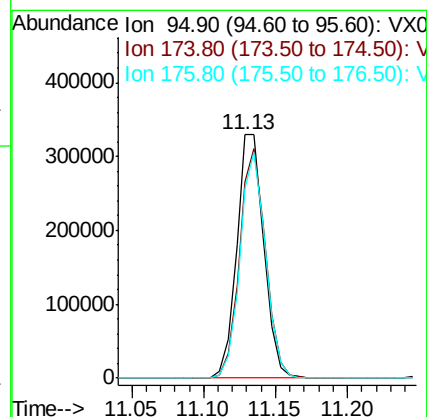
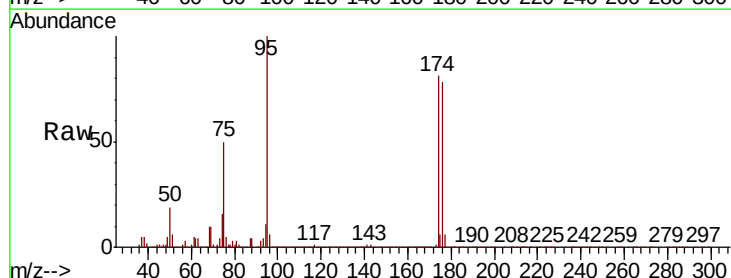
Tgt Ion: 95 Resp: 434366

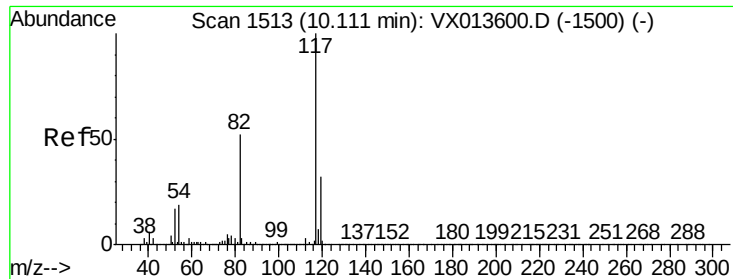
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 87.3 0.0 173.6





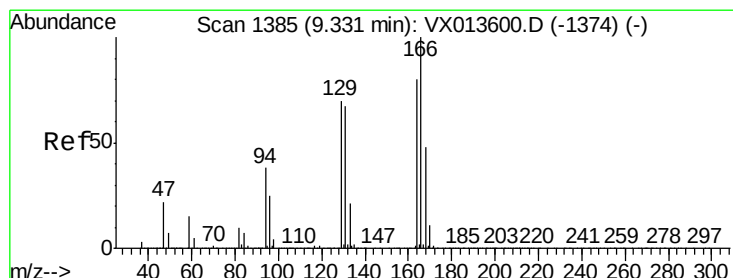
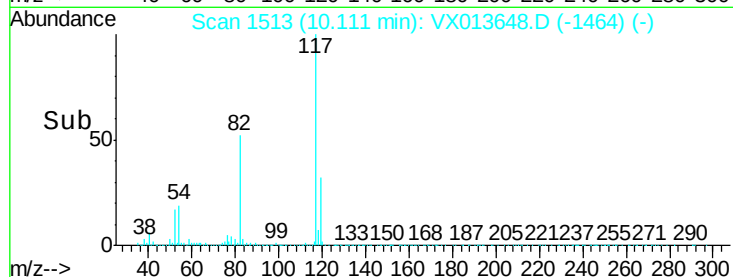
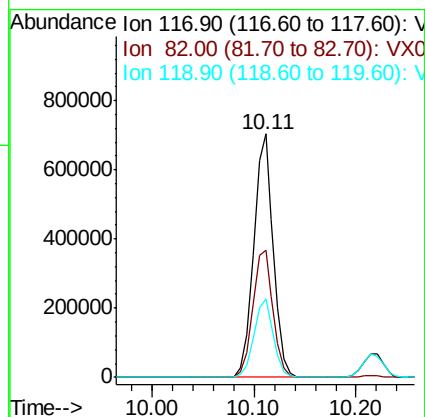
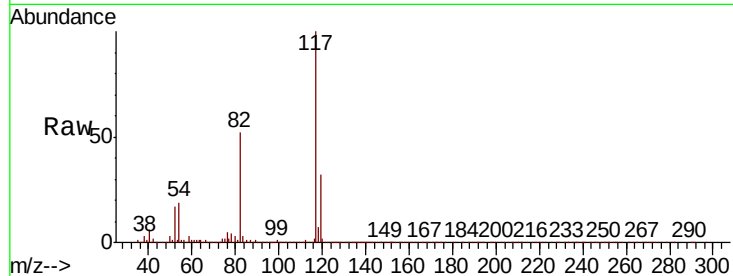
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	938941		
82	52.3		41.8	62.8
119	32.5		25.8	38.8

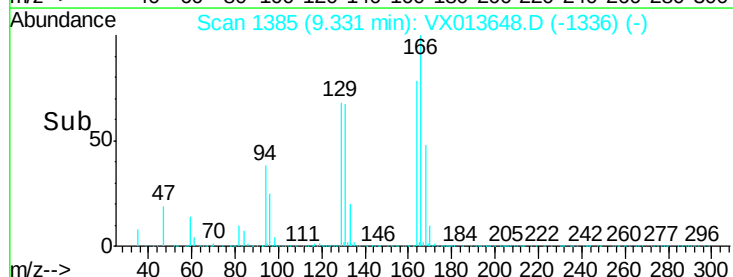
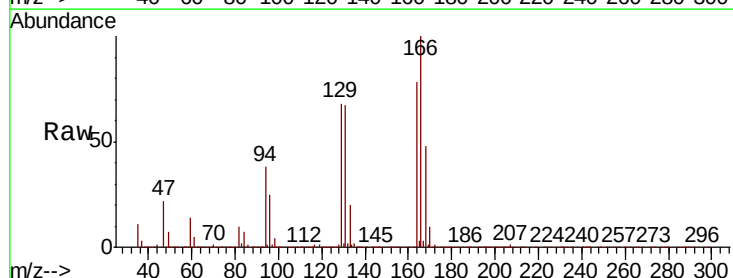
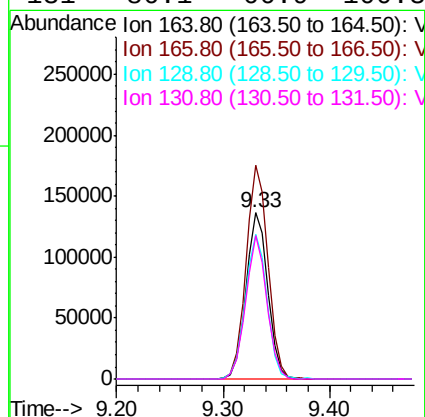
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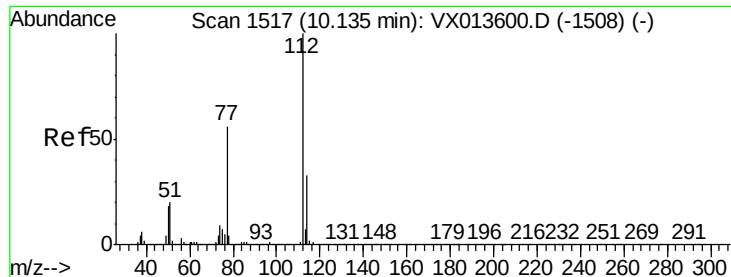
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#64
Tetrachloroethene
Concen: 28.055 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	196445		
166	128.4		99.7	149.5
129	87.1		70.1	105.1
131	86.1		66.9	100.3





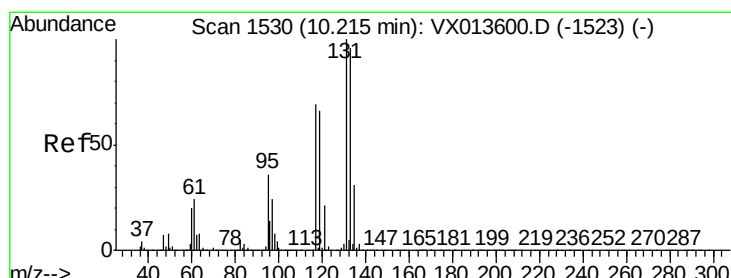
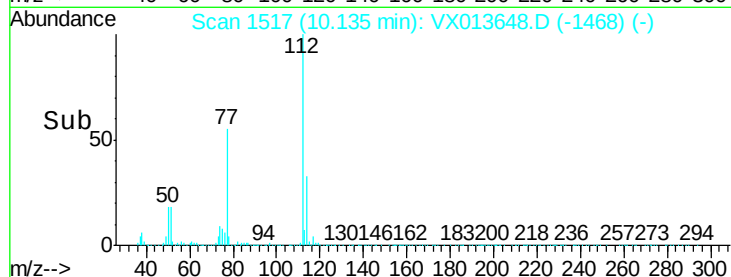
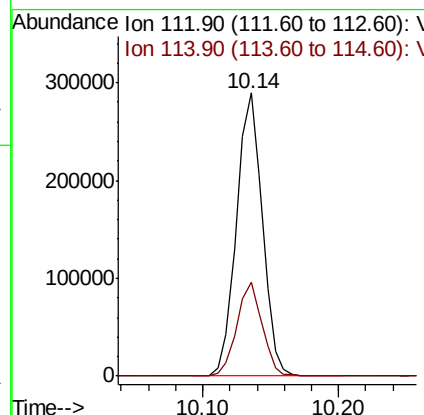
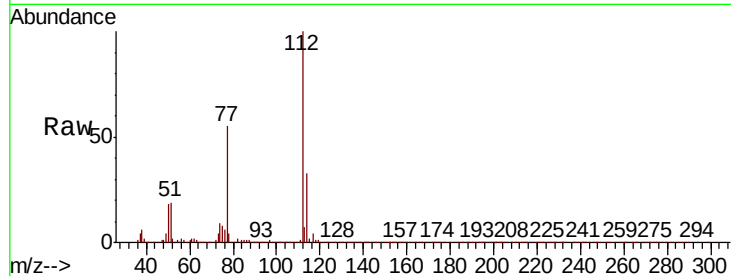
#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	26.1	39.1

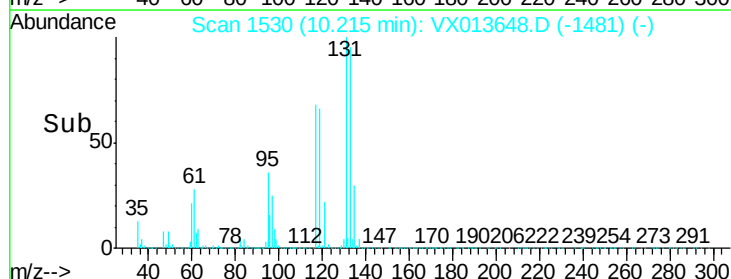
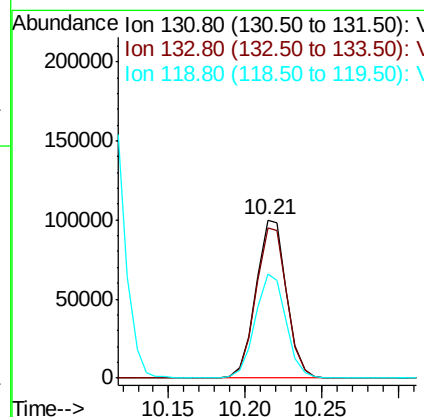
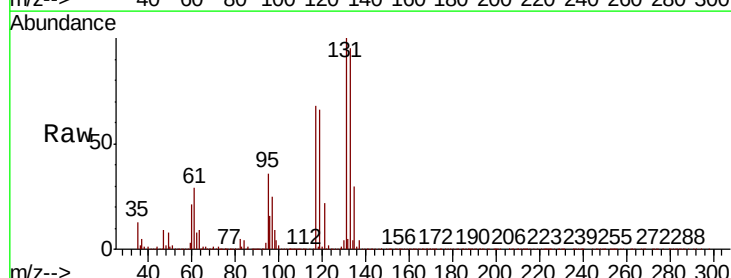
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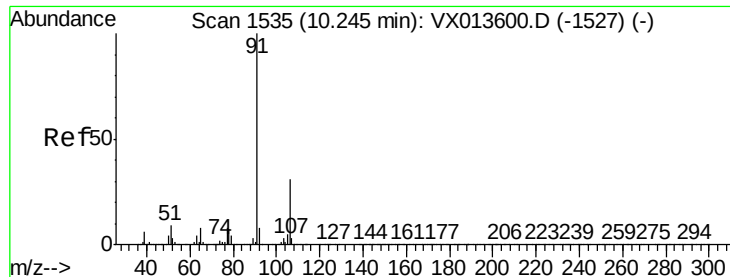
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.918 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.7	143.1
119	66.4	32.9	98.6





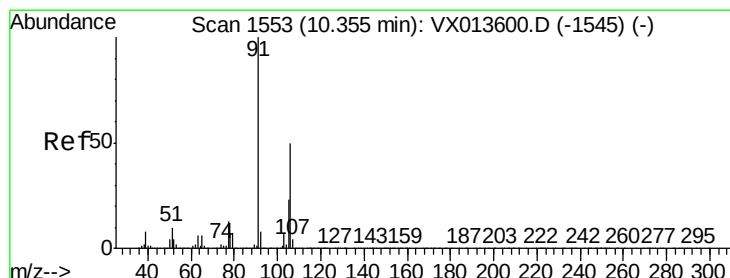
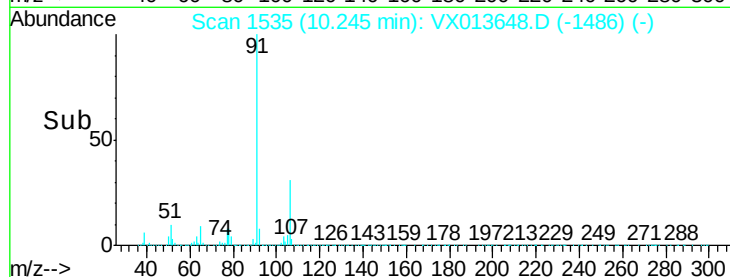
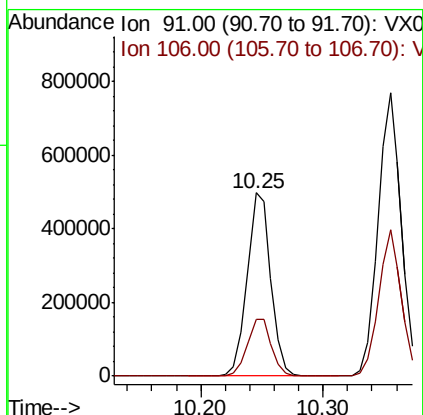
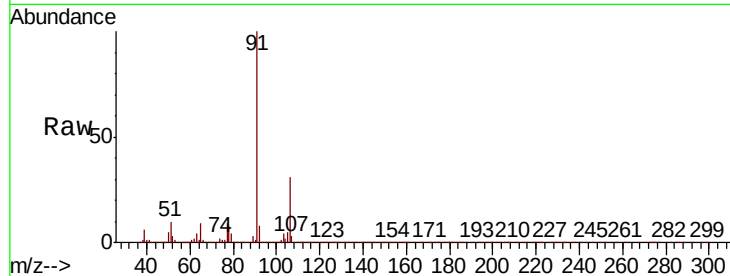
#67
Ethyl Benzene
Concen: 19.956 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7

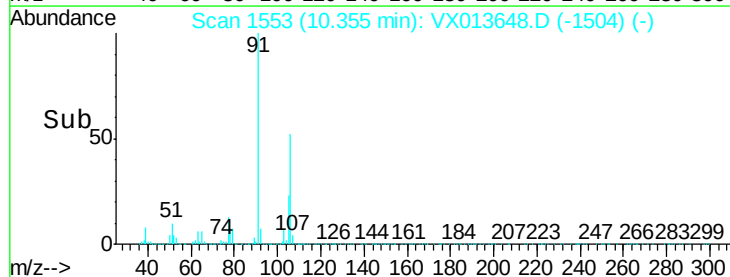
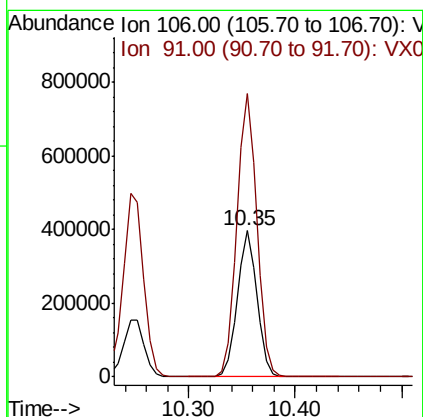
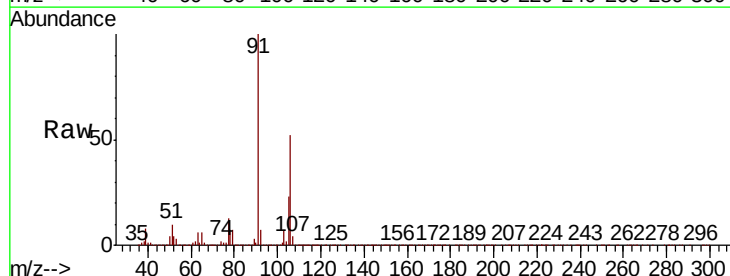
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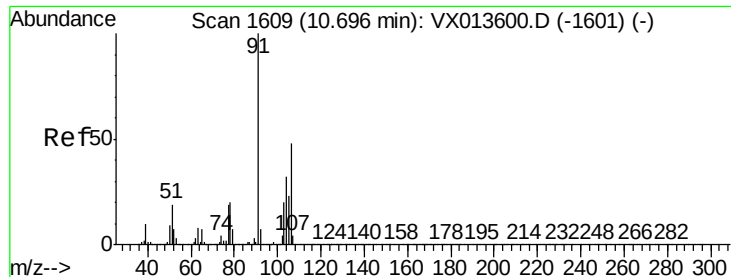
MMDadoda
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#68
m/p-Xylenes
Concen: 40.033 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.8	159.0	238.4





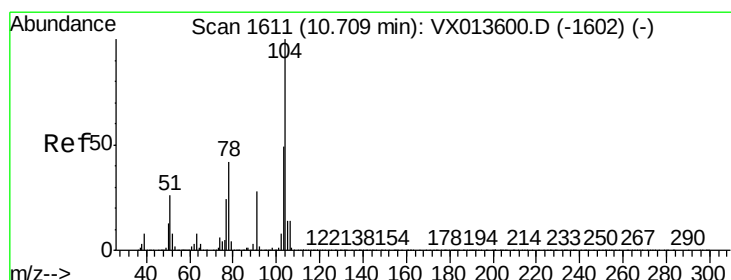
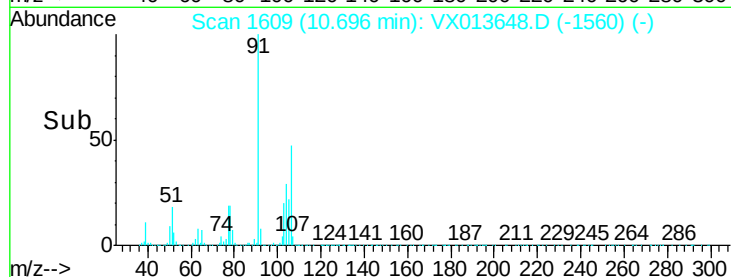
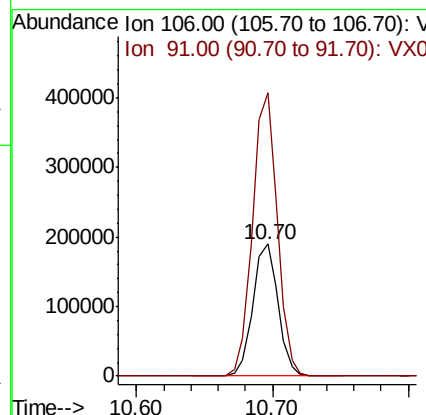
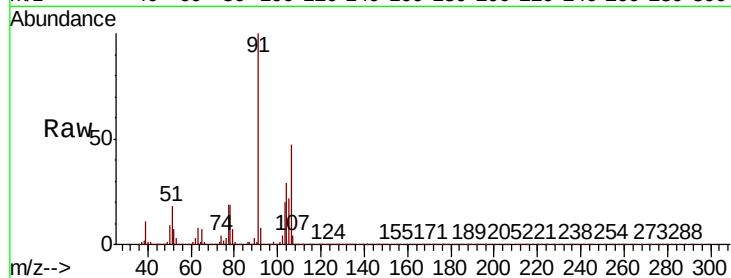
#69
o-Xylene
Concen: 19.685 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.0	104.1	312.2

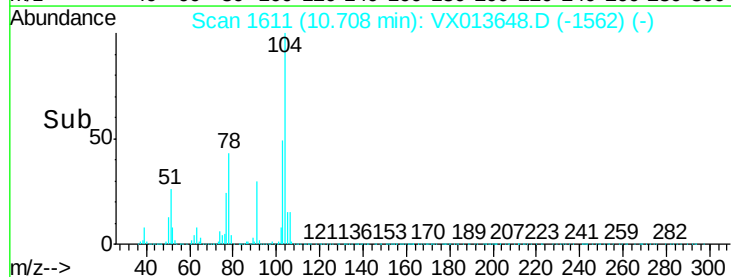
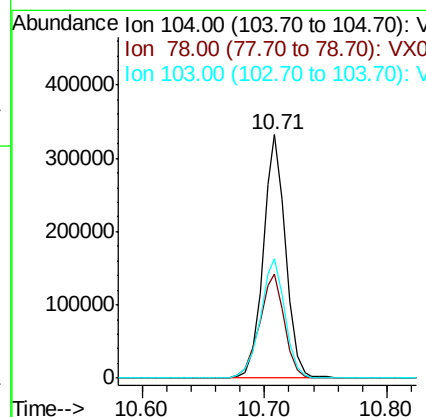
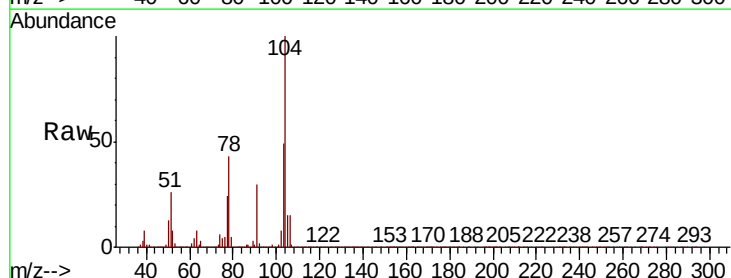
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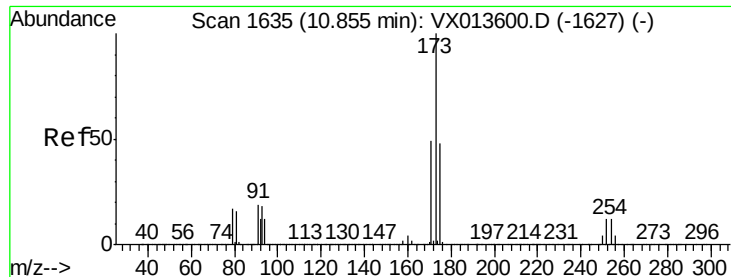
MMDadoda
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#70
Styrene
Concen: 19.990 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.5	57.7
103	54.0	43.7	65.5





#71

Bromoform

Concen: 18.898 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VX1127WBS01

Tot Ion:173 Resp: 109457

Ion Ratio Lower Upper

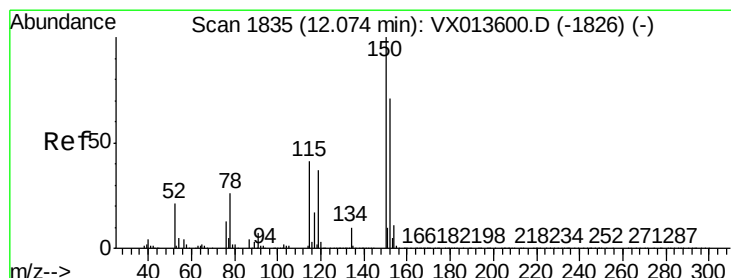
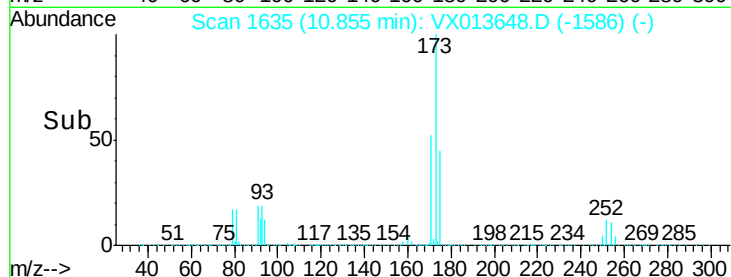
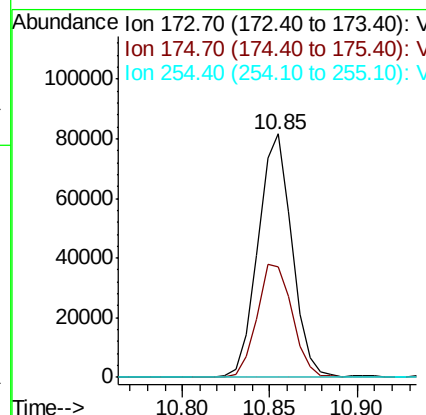
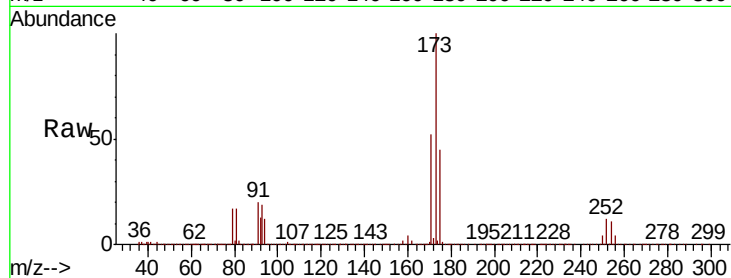
173 100

175 0.0 24.3 72.8#

254 0.2 0.2 0.4#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

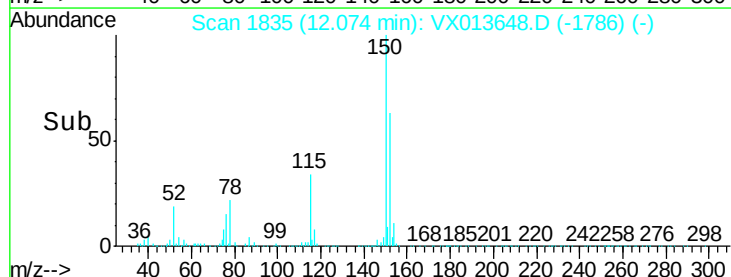
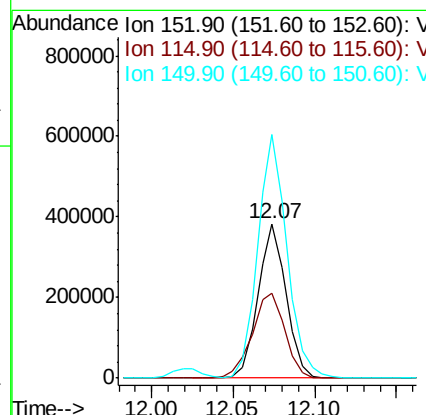
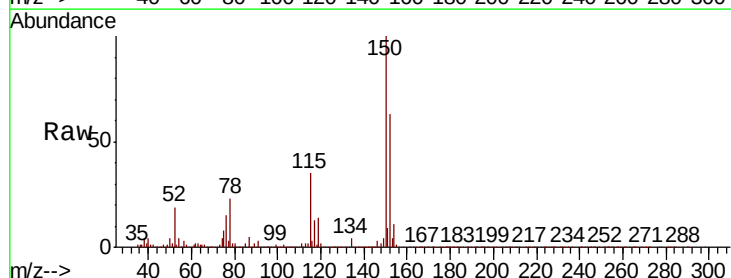
Tgt Ion:152 Resp: 456518

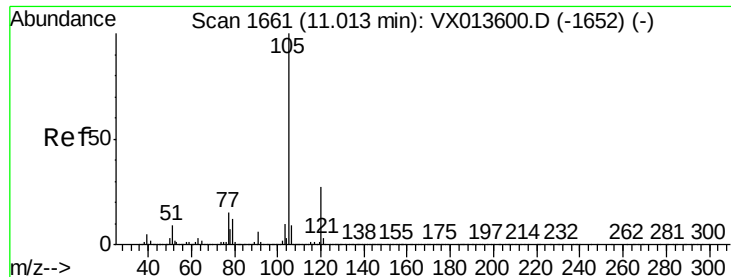
Ion Ratio Lower Upper

152 100

115 64.5 38.4 115.1

150 164.5 0.0 346.8





#73

Isopropylbenzene

Concen: 20.406 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 105 Resp: 653458

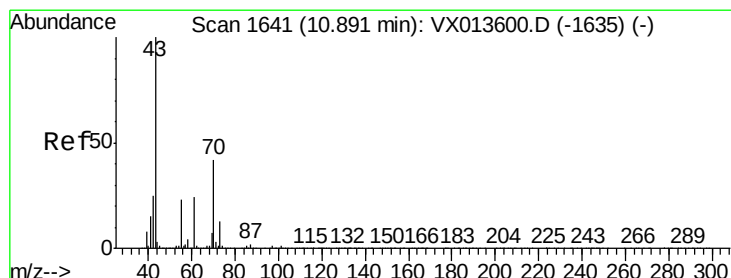
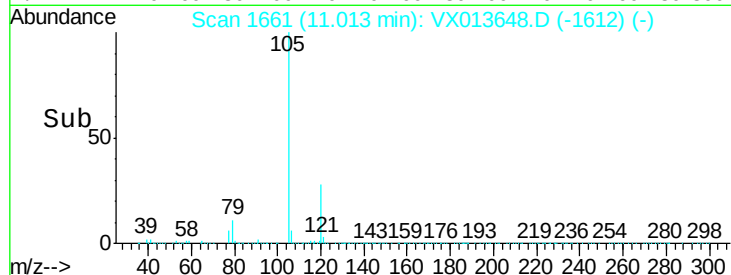
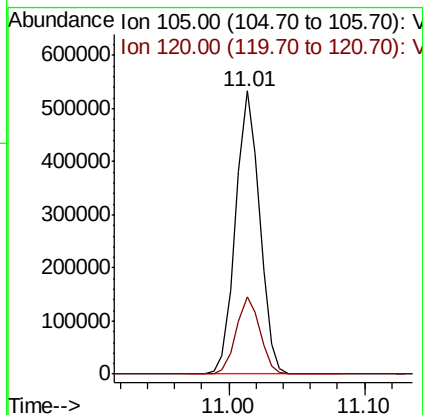
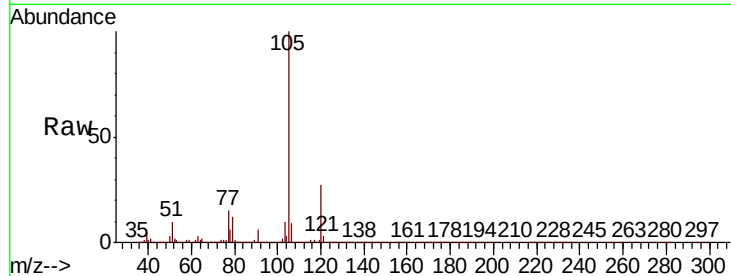
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.893 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion: 43 Resp: 291823

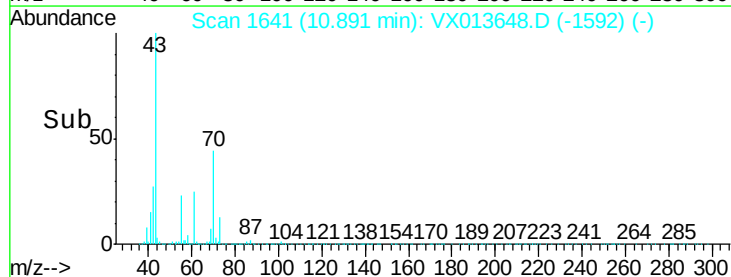
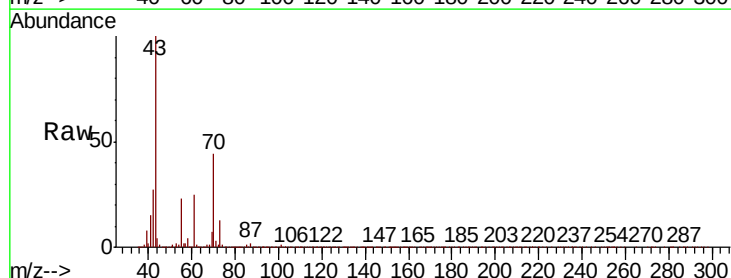
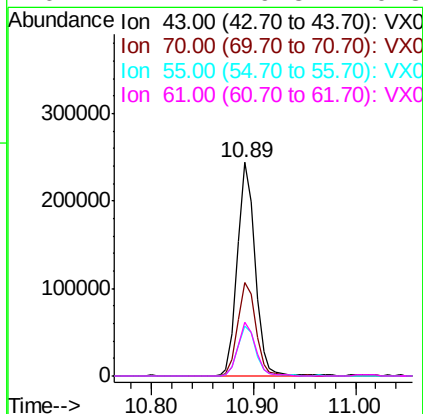
Ion Ratio Lower Upper

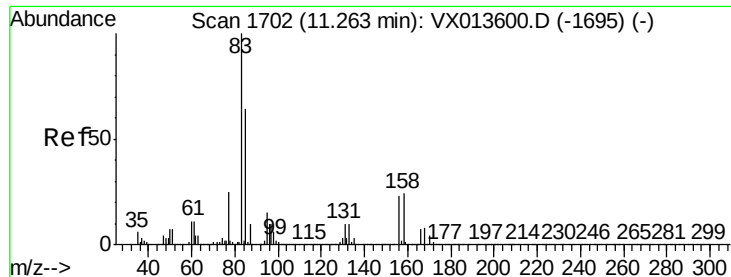
43 100

70 44.3 34.3 51.5

55 23.8 18.5 27.7

61 24.7 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.172 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

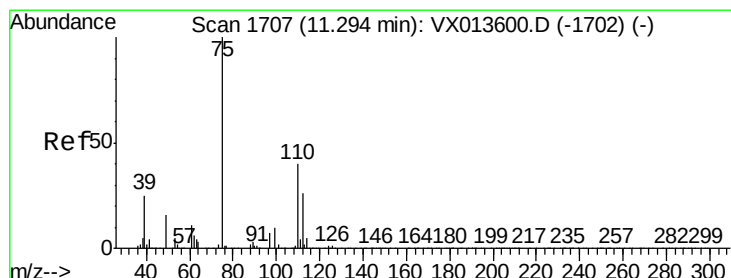
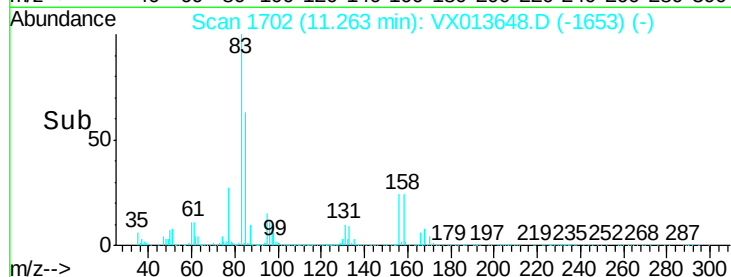
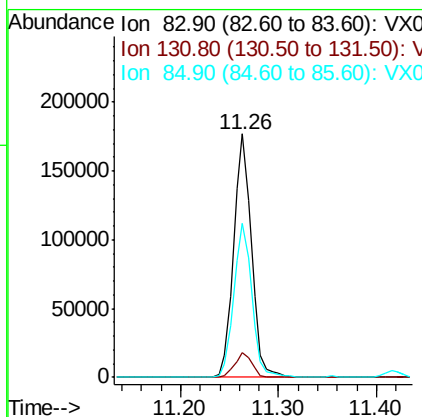
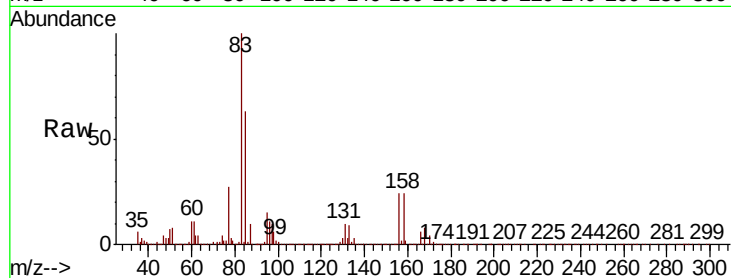
ClientSampleId :

VX1127WBS01

Tot Ion:	83	Resp:	224021
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	64.4	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.593 ug/l m

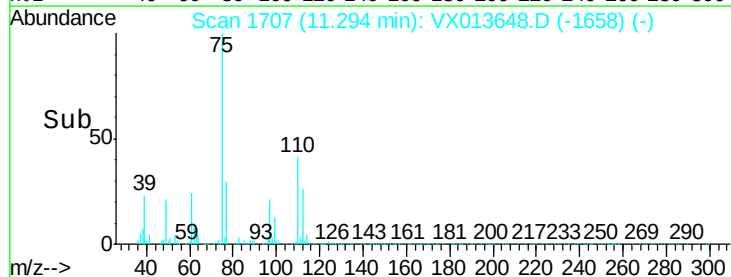
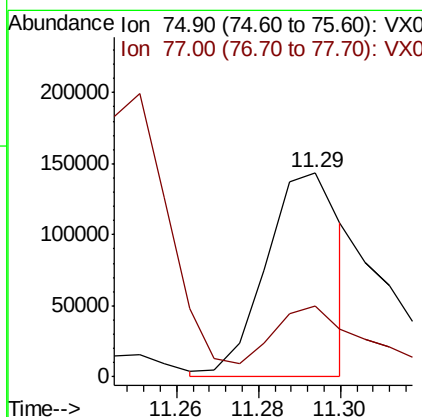
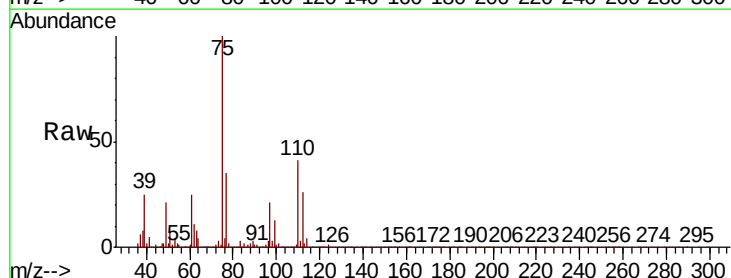
RT: 11.29 min Scan# 1707

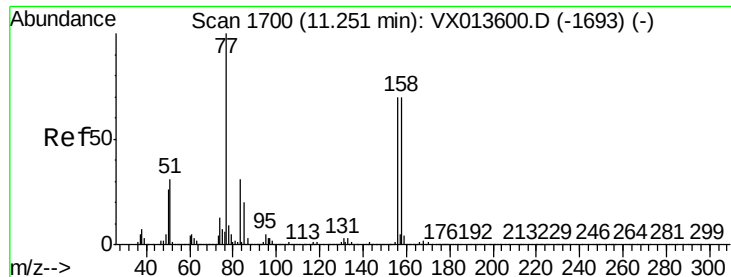
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	75	Resp:	180646
Ion Ratio	Lower	Upper	
75	100		
77	44.0	19.1	57.5





#77

Bromobenzene

Concen: 19.632 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

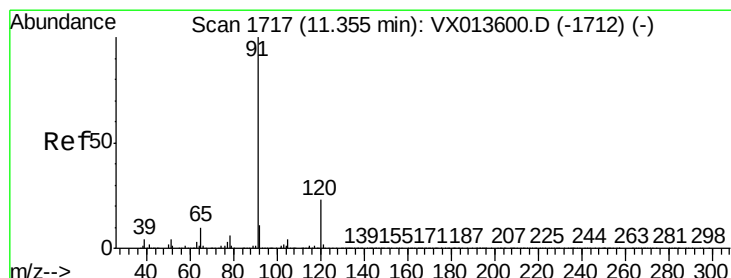
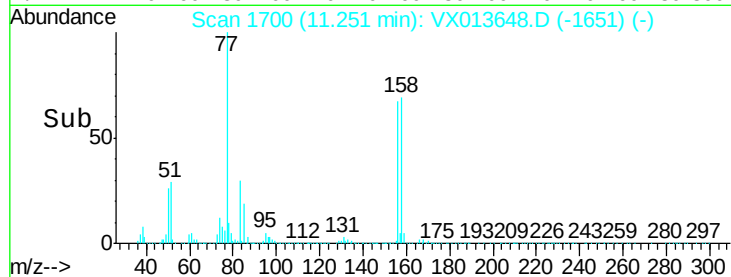
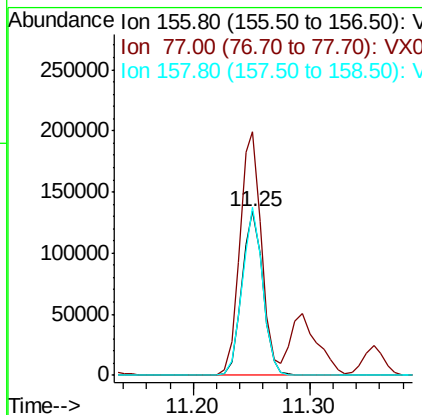
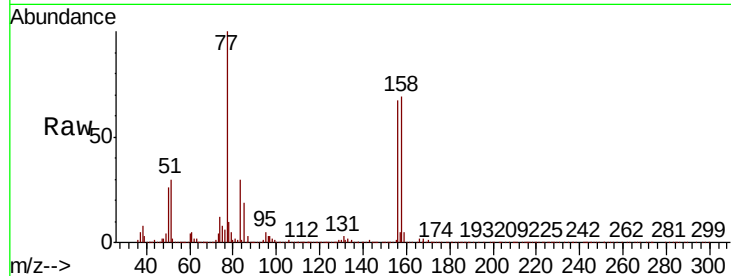
ClientSampled :

VX1127WBS01

Tot Ion:	156	Resp:	169838
Ion Ratio	Lower	Upper	
156	100		
77	151.6	74.4	223.1
158	98.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.404 ug/l

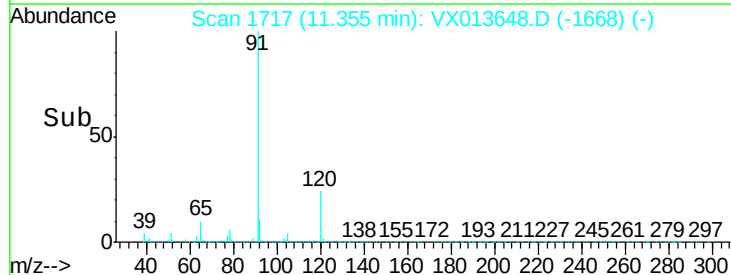
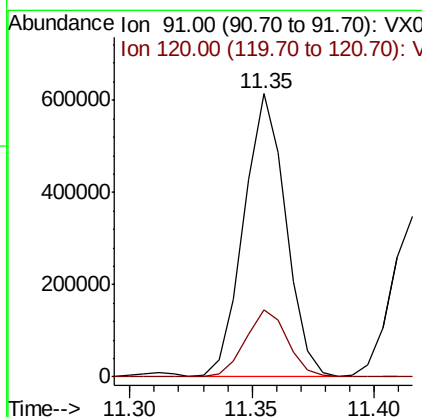
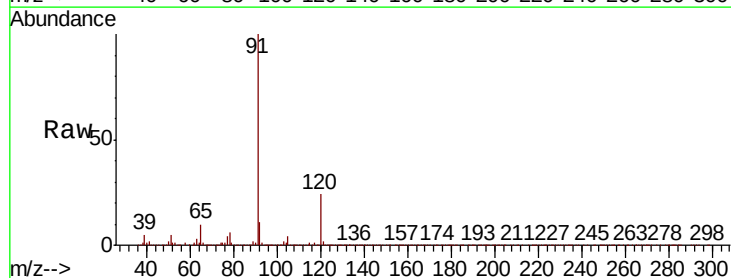
RT: 11.35 min Scan# 1717

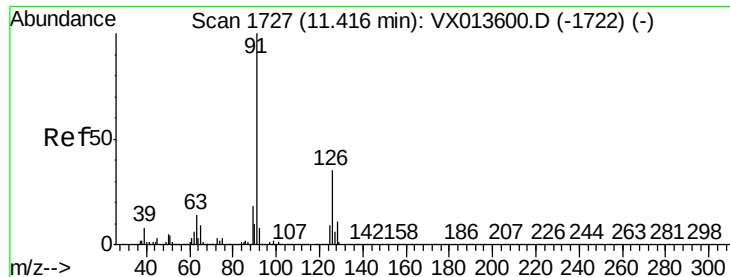
Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Tgt Ion:	91	Resp:	729392
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.290 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion: 91 Resp: 435091

Ion Ratio Lower Upper

91 100

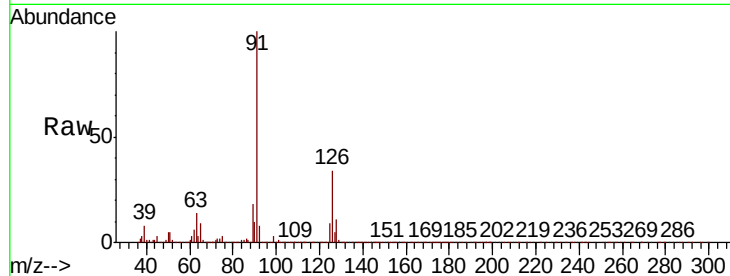
126 34.9 17.5 52.5

Manual Integrations

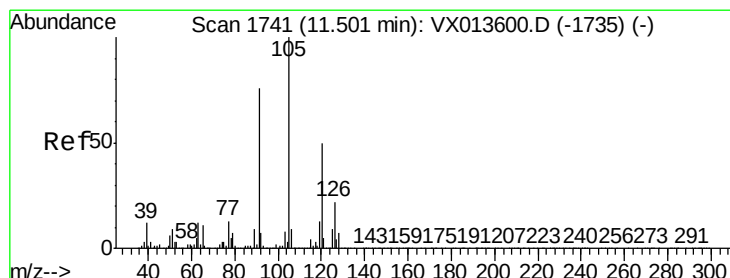
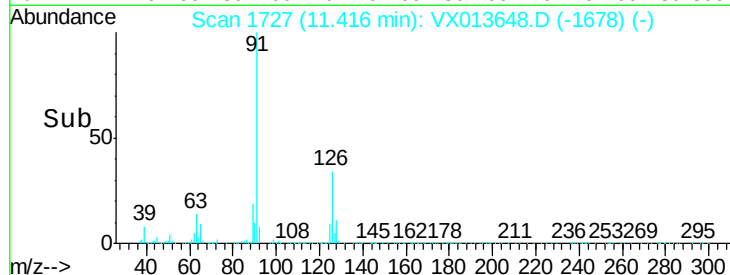
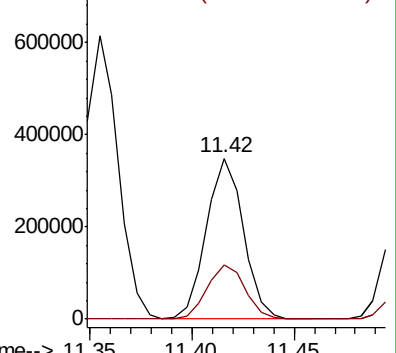
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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.550 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013648.D

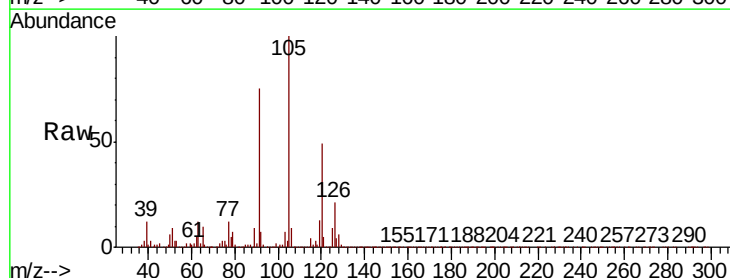
Acq: 27 Nov 2019 13:27

Tgt Ion: 105 Resp: 539348

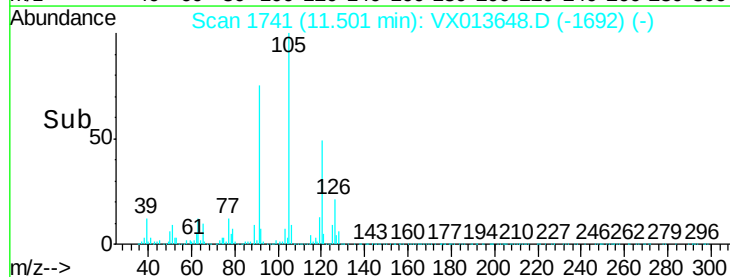
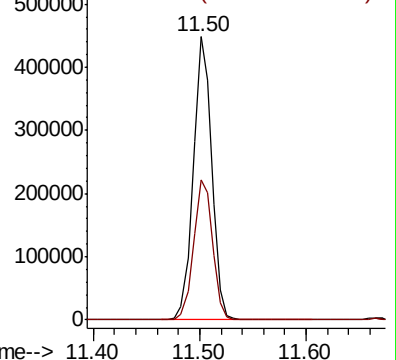
Ion Ratio Lower Upper

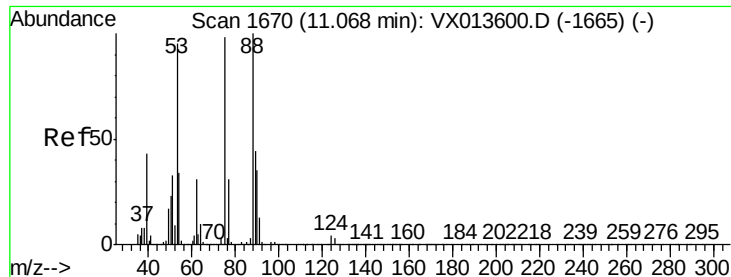
105 100

120 51.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)





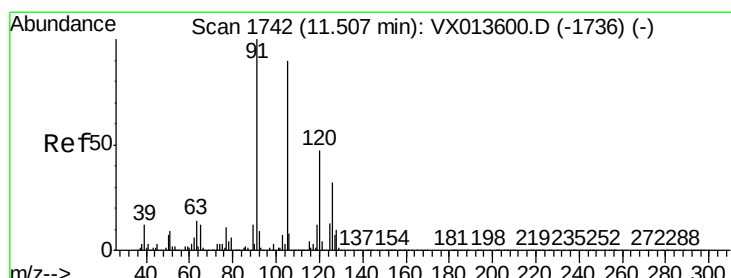
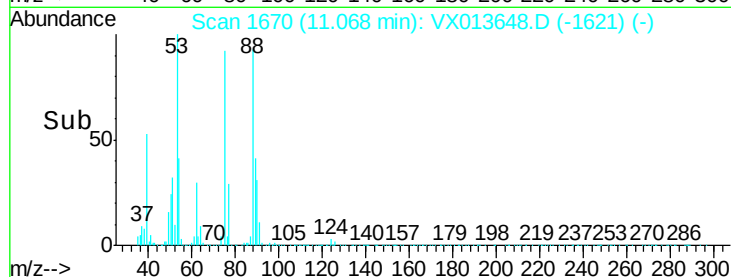
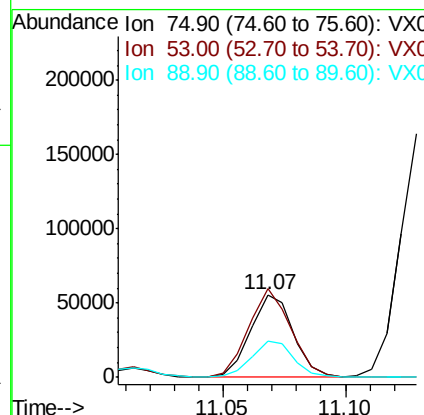
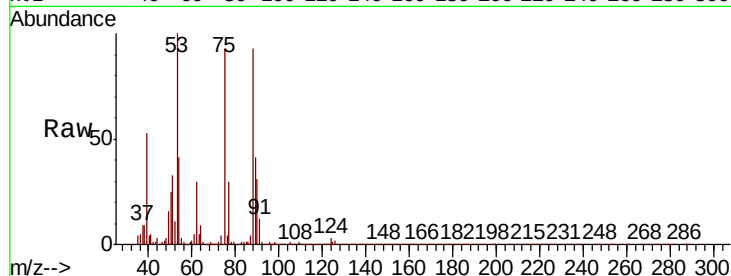
#81
trans-1,4-Dichloro-2-butene
Concen: 17.998 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.6	78.2	117.2
89	44.7	35.4	53.2

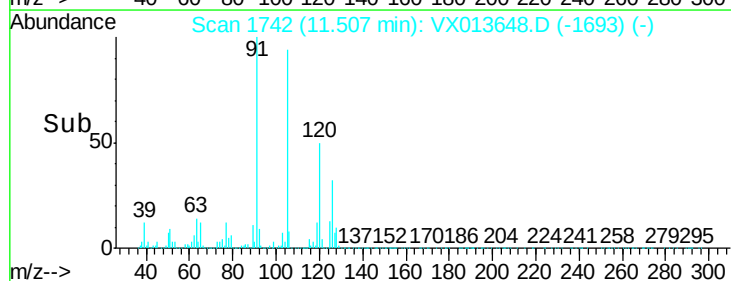
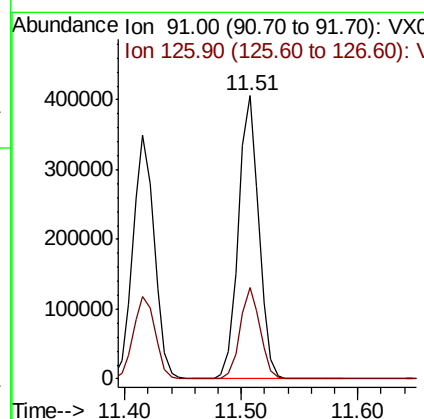
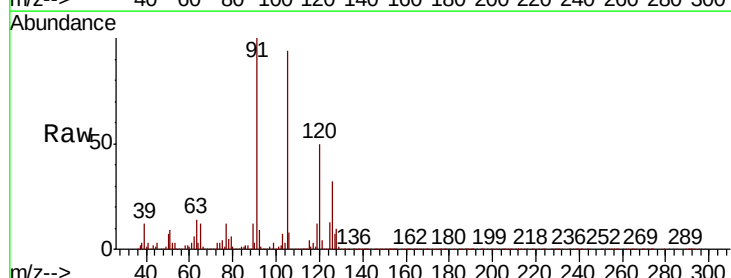
Manual Integrations
APPROVED

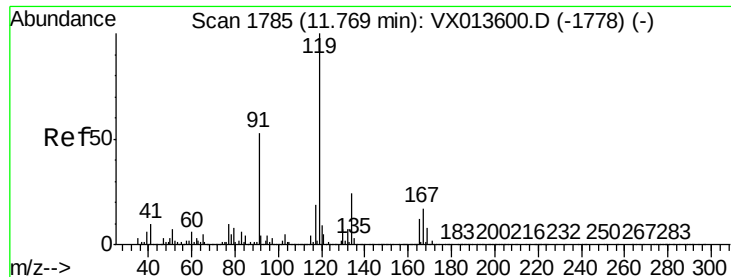
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.026 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.0





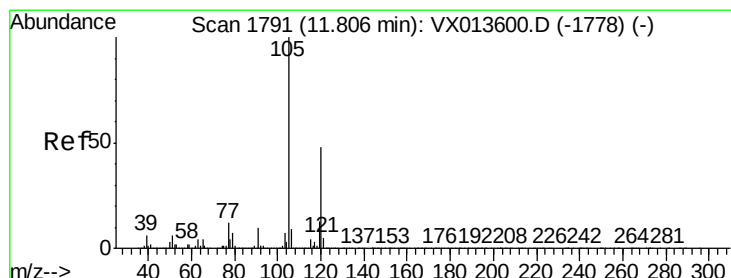
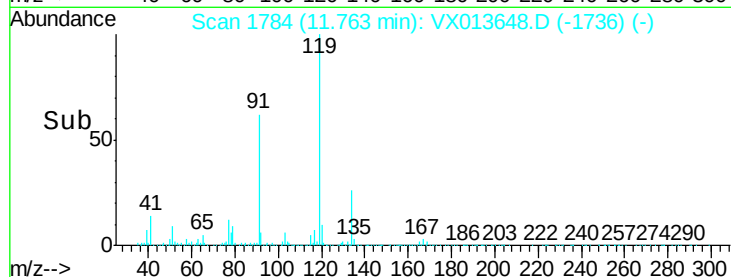
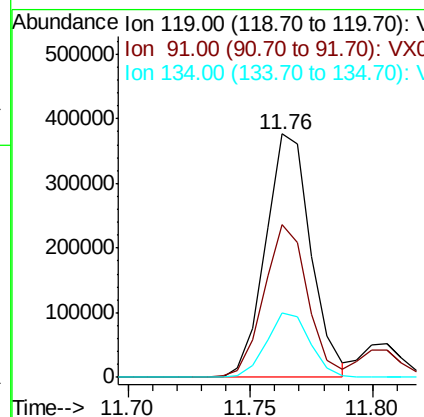
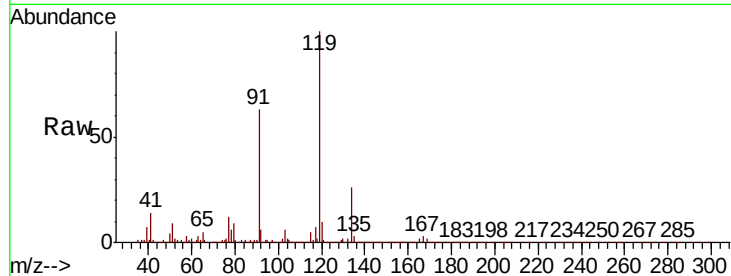
#83
 tert-Butylbenzene
 Concen: 18.301 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX1127WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	27.2	81.6
134	25.6	11.7	35.1

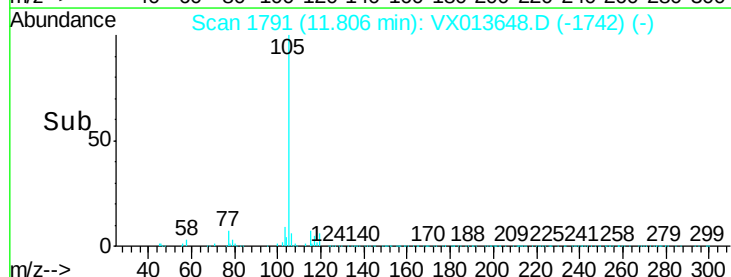
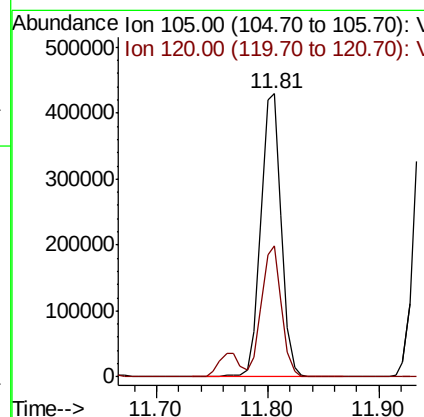
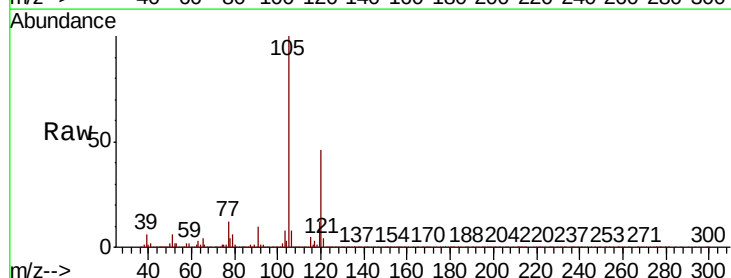
Manual Integrations
 APPROVED

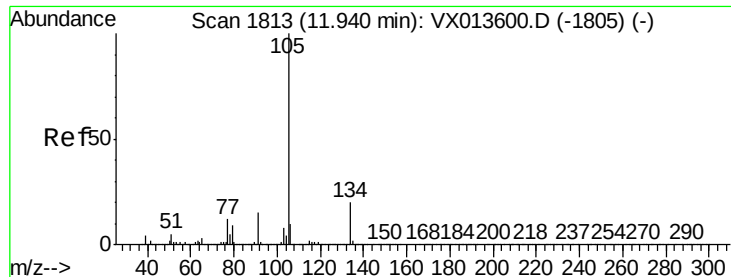
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.645 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.454 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS01

Tot Ion:105 Resp: 623164

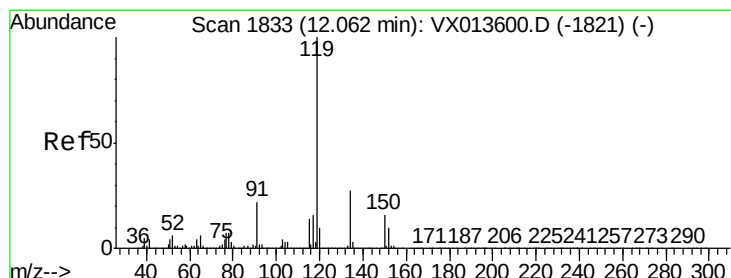
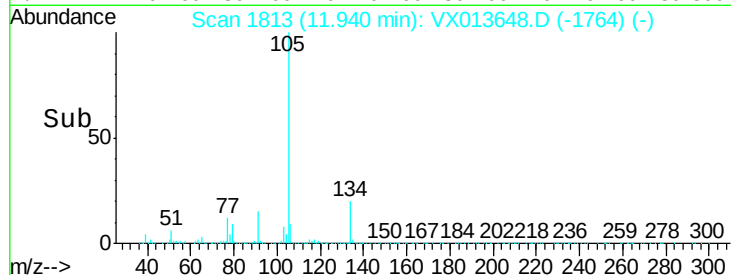
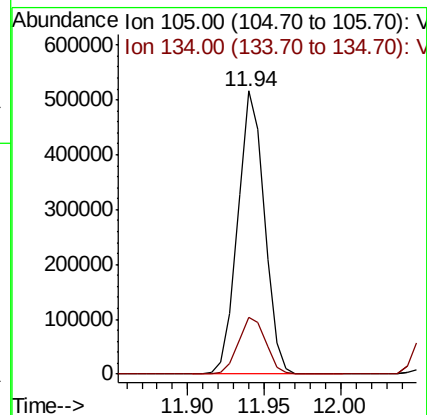
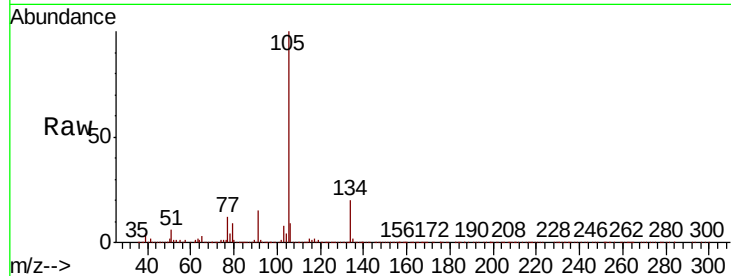
Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.327 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013648.D

Acq: 27 Nov 2019 13:27

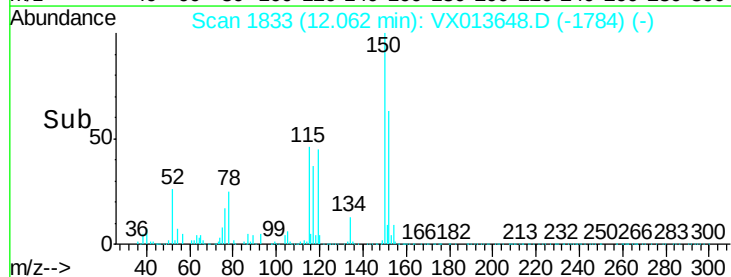
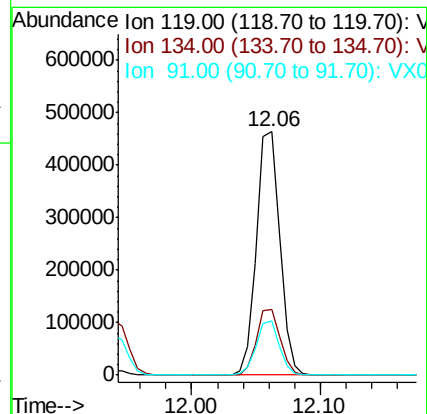
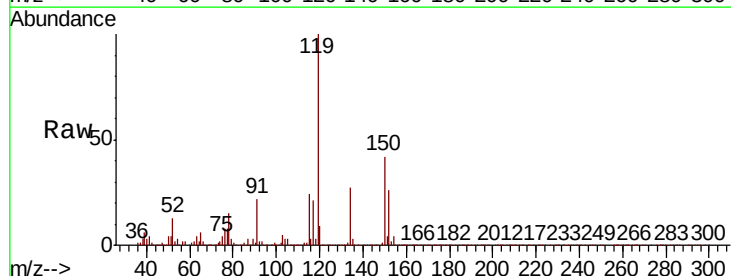
Tgt Ion:119 Resp: 576119

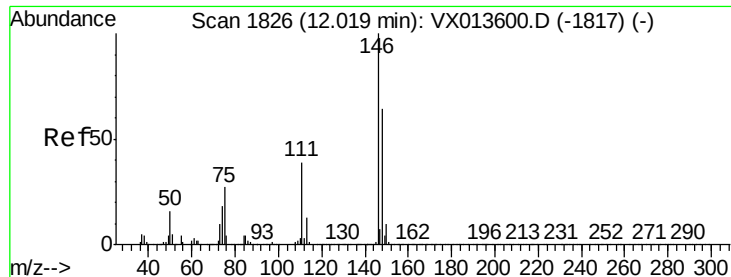
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 22.2 11.3 33.8





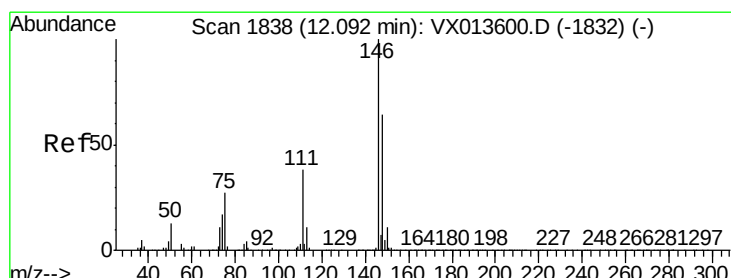
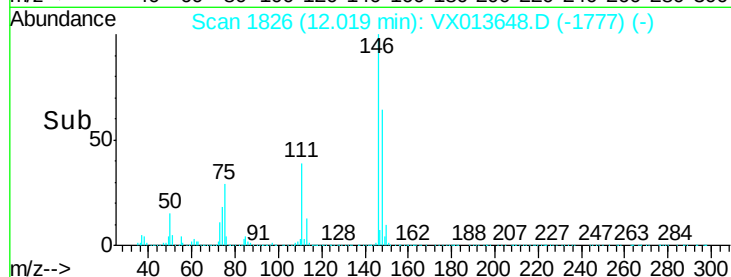
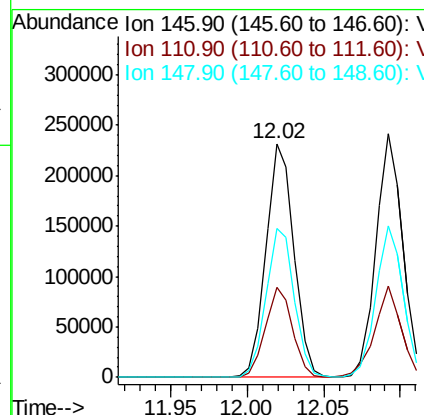
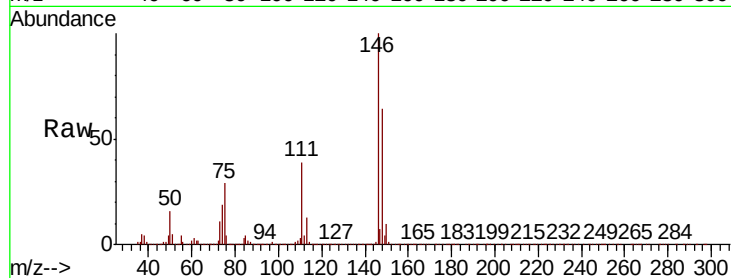
#87
 1,3-Dichlorobenzene
 Concen: 19.641 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	64.5	31.8	95.4

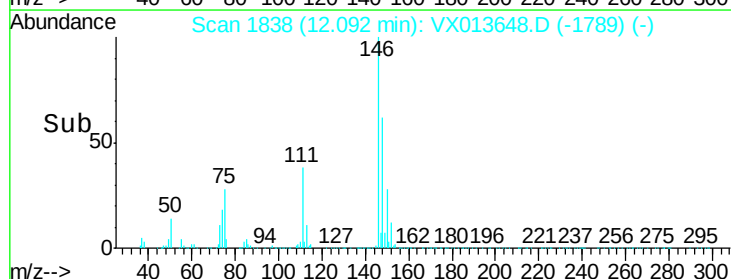
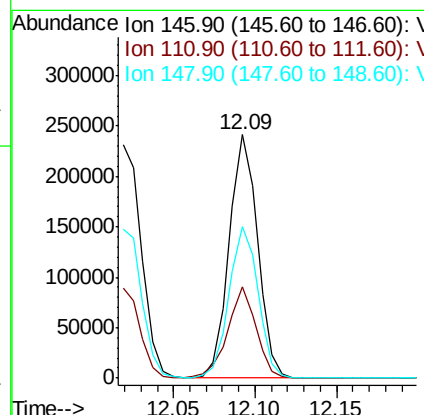
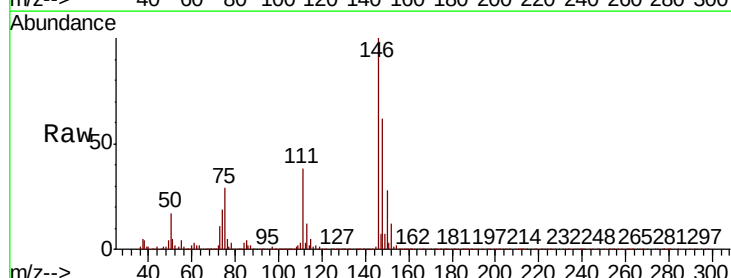
Manual Integrations
 APPROVED

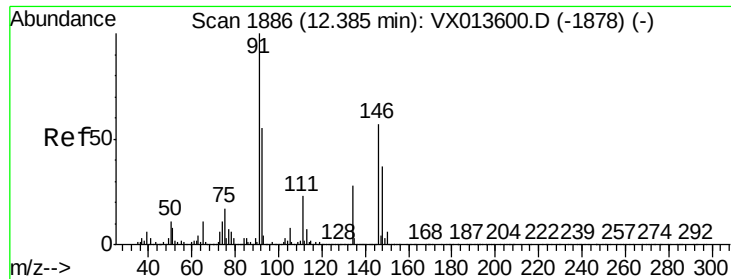
MMDadoda
 12/2/2019 12:48:09 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.082 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.5	31.9	95.5





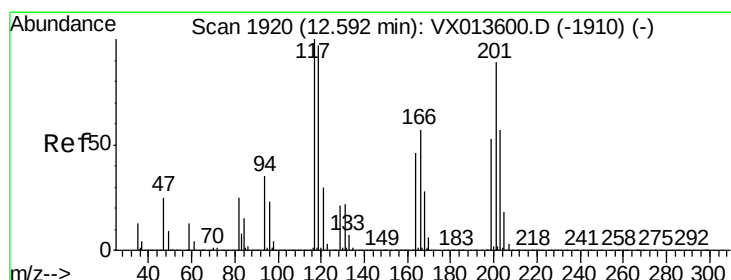
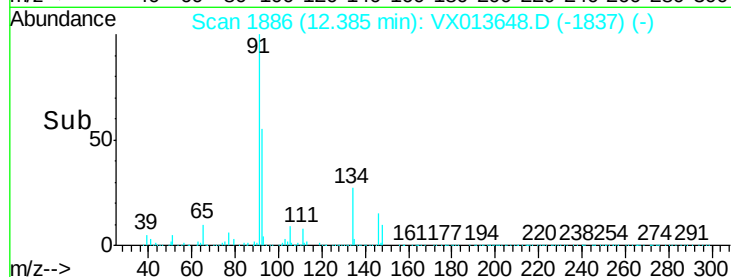
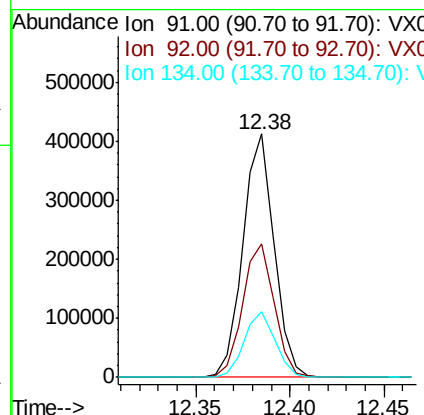
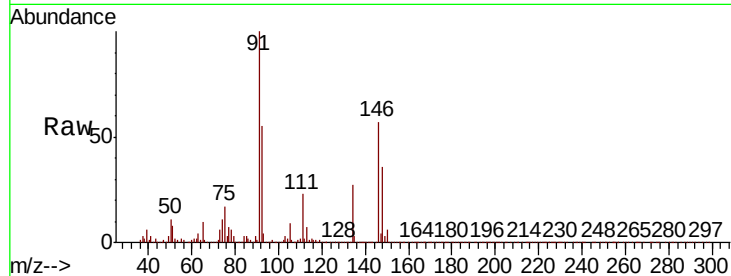
#89
n-Butylbenzene
Concen: 19.560 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.9	27.4	82.2
134	26.8	13.5	40.4

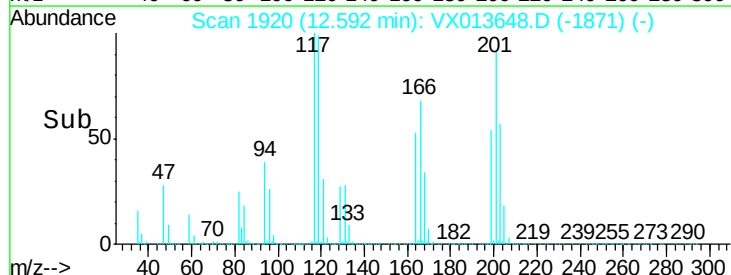
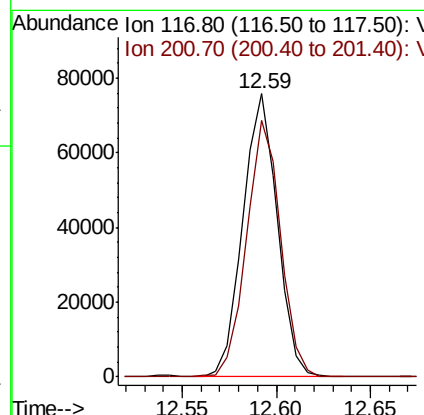
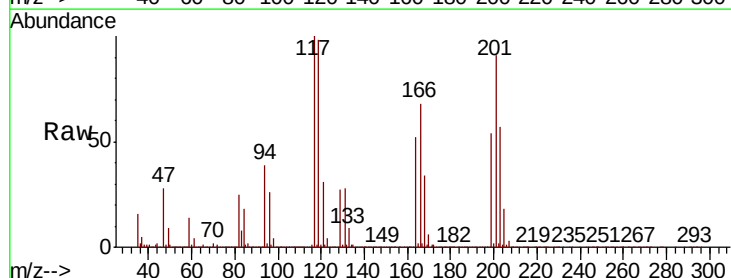
Manual Integrations
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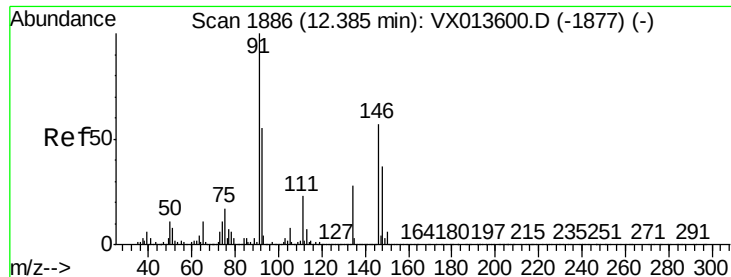
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#90
Hexachloroethane
Concen: 18.672 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	44.1	132.4





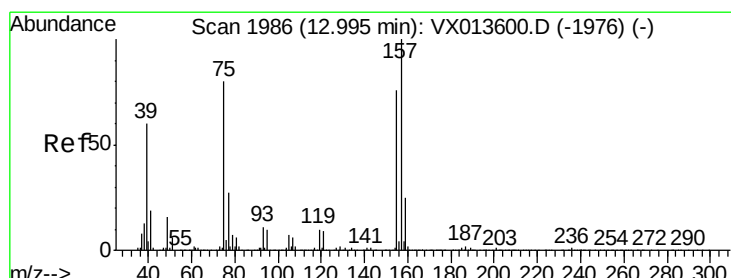
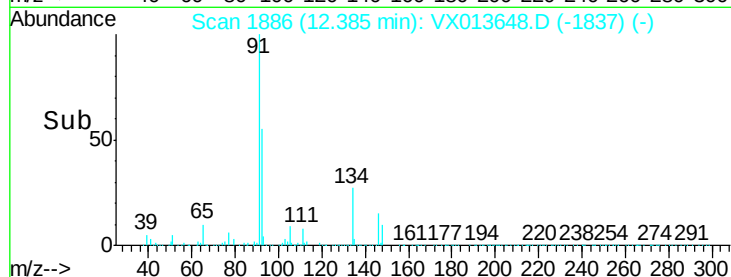
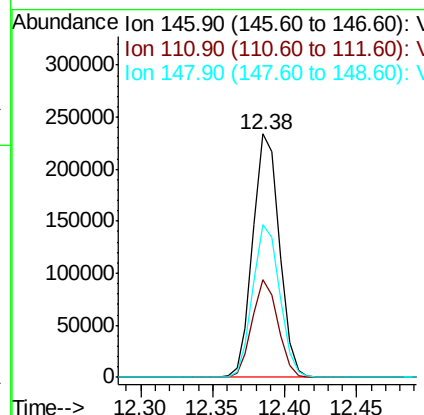
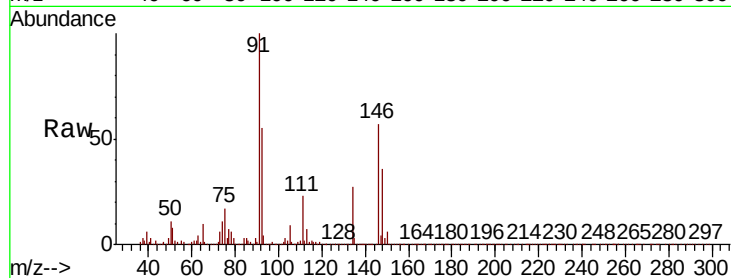
#91
 1,2-Dichlorobenzene
 Concen: 19.908 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	63.5	31.9	95.7

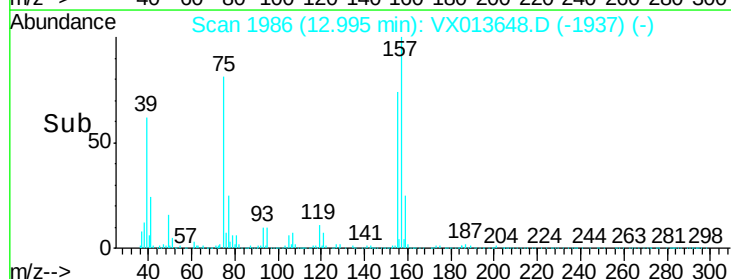
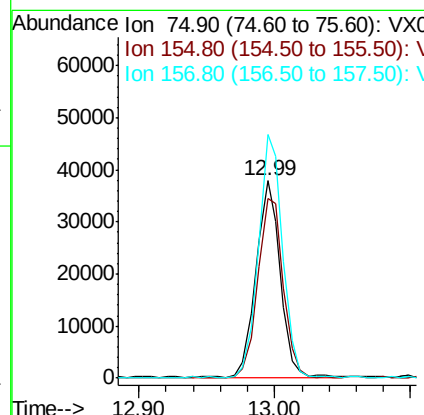
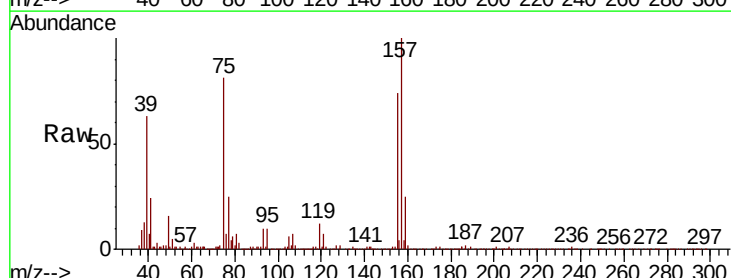
Manual Integrations
 APPROVED

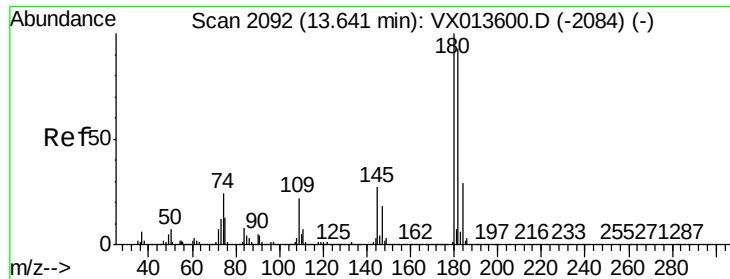
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 12/2/2019 12:48:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.364 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	47.6	142.8
157	124.2	62.1	186.2





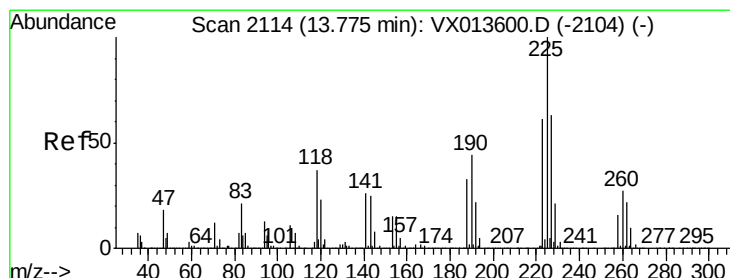
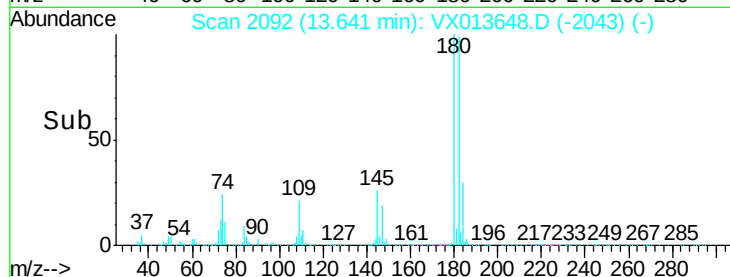
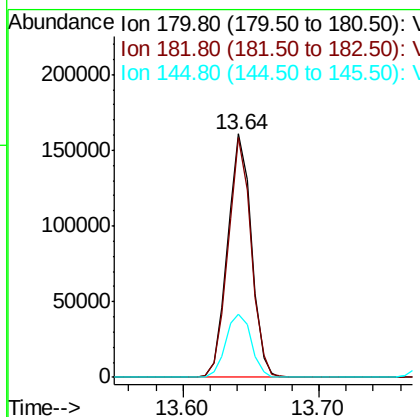
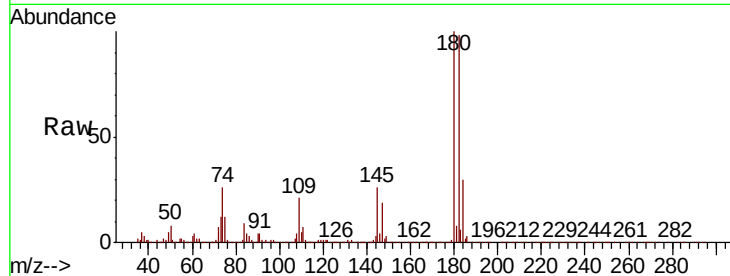
#93
 1,2,4-Trichlorobenzene
 Concen: 18.735 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194550		
182	96.2	47.2	141.6	
145	28.4	13.8	41.4	

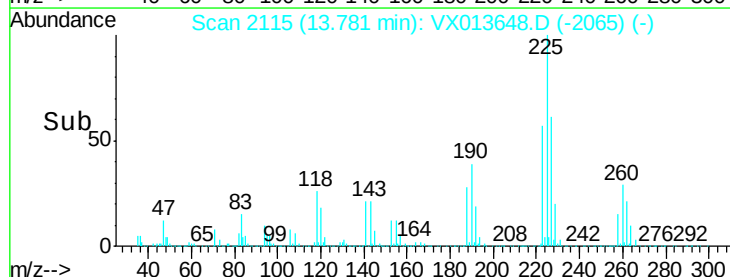
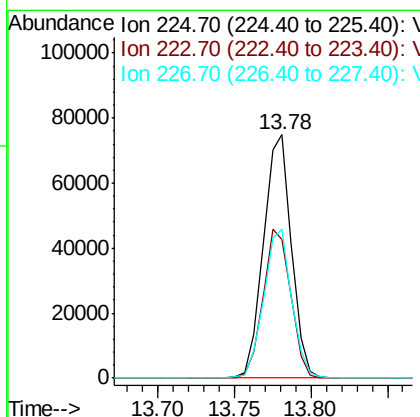
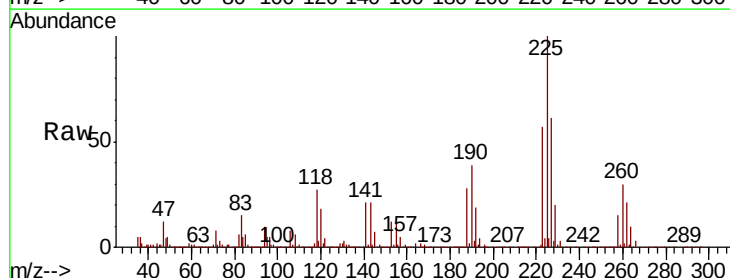
Manual Integrations
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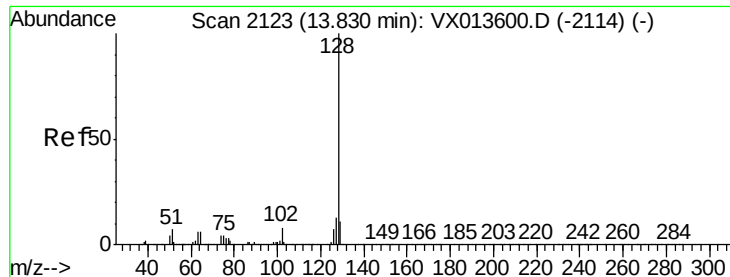
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#94
 Hexachlorobutadiene
 Concen: 19.169 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013648.D
 Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95620		
223	61.1	31.9	95.5	
227	60.9	32.1	96.3	





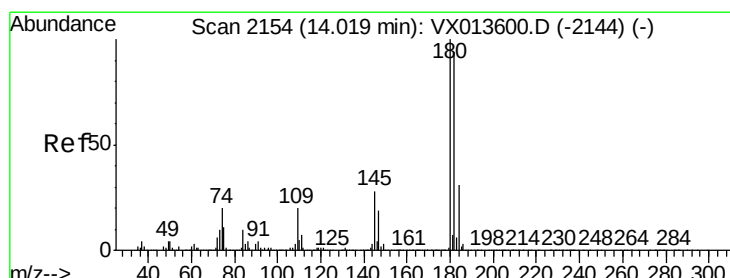
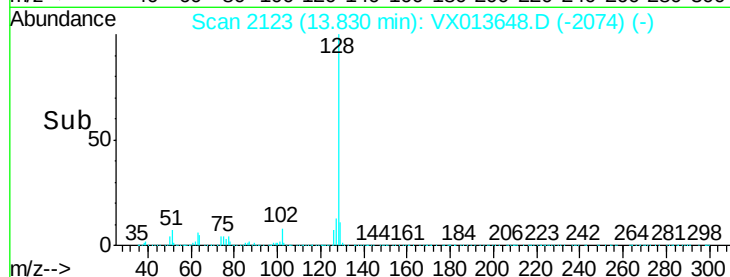
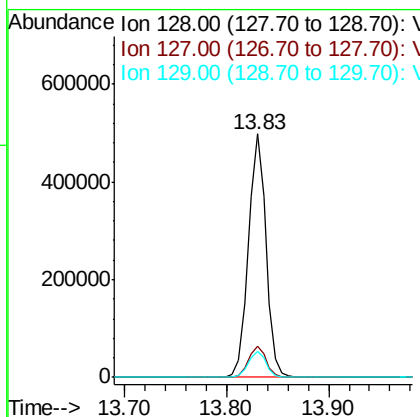
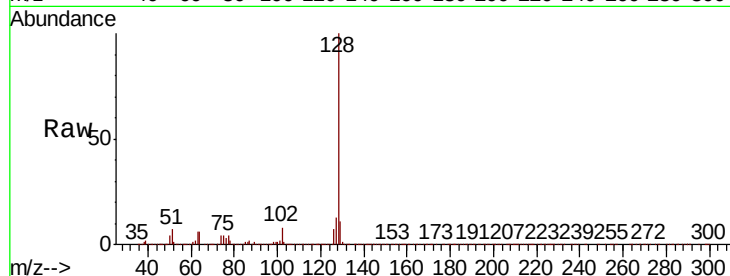
#95
Naphthalene
Concen: 19.344 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/2/2019 12:48:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.492 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013648.D
Acq: 27 Nov 2019 13:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	47.6	142.8
145	30.3	15.0	45.0

