

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013336.D
 Acq On : 06 Nov 2019 11:55
 Operator : JC/SP
 Sample : VX1106WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:17:06 AM

Quant Time: Nov 07 02:31:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	730082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1107911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	994180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	487766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	419947	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.48	113	341275	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	1313820	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	459949	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	162320	19.296	ug/l	100
3) Chloromethane	1.31	50	176538	19.352	ug/l	96
4) Vinyl Chloride	1.40	62	206659	19.899	ug/l	97
5) Bromomethane	1.63	94	120043	16.587	ug/l	98
6) Chloroethane	1.72	64	116234	18.837	ug/l	98
7) Trichlorofluoromethane	1.92	101	222920	18.168	ug/l	98
8) Diethyl Ether	2.18	74	100573	18.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136223	19.919	ug/l	98
10) Methyl Iodide	2.50	142	147175	17.382	ug/l	96
11) Tert butyl alcohol	3.03	59	194328	85.243	ug/l	97
12) 1,1-Dichloroethene	2.36	96	136145	20.329	ug/l	99
13) Acrolein	2.28	56	97005	78.513	ug/l	98
14) Allyl chloride	2.72	41	243029	19.973	ug/l	96
15) Acrylonitrile	3.12	53	422302	99.169	ug/l	97
16) Acetone	2.43	43	412814	95.688	ug/l	99
17) Carbon Disulfide	2.56	76	344078	19.196	ug/l	98
18) Methyl Acetate	2.76	43	237591	19.948	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	452210	20.245	ug/l	99
20) Methylene Chloride	2.84	84	152980	19.192	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	142754	19.578	ug/l	94
22) Diisopropyl ether	3.84	45	481079	20.479	ug/l	89
23) Vinyl Acetate	3.80	43	1987007	98.847	ug/l	99
24) 1,1-Dichloroethane	3.69	63	265843	20.229	ug/l	97
25) 2-Butanone	4.65	43	607003	95.909	ug/l	100
26) 2,2-Dichloropropane	4.57	77	211657	20.246	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	165489	20.260	ug/l	98
28) Bromochloromethane	5.00	49	83947	22.498	ug/l	99
29) Tetrahydrofuran	5.11	42	382281	98.017	ug/l	99
30) Chloroform	5.20	83	258864	19.949	ug/l	98
31) Cyclohexane	5.57	56	229548	19.412	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	223296	19.995	ug/l	99
36) 1,1-Dichloropropene	5.79	75	191098	20.106	ug/l	99
37) Ethyl Acetate	4.81	43	231205	19.686	ug/l	99
38) Carbon Tetrachloride	5.77	117	188212	20.250	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	235333	19.871	ug/l	98
40) Benzene	6.13	78	598051	20.200	ug/l	97
41) Methacrylonitrile	5.03	41	126201	19.172	ug/l	97
42) 1,2-Dichloroethane	6.18	62	217561	20.373	ug/l	99
43) Isopropyl Acetate	6.43	43	361011	19.740	ug/l	99
44) Trichloroethene	7.20	130	157307	19.302	ug/l	97
45) 1,2-Dichloropropane	7.51	63	153376	20.332	ug/l	97
46) Dibromomethane	7.65	93	99745	19.366	ug/l	98
47) Bromodichloromethane	7.89	83	197607	20.346	ug/l	93
48) Methyl methacrylate	7.76	41	179670	19.681	ug/l	97
49) 1,4-Dioxane	7.73	88	77960	372.900	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1154855	96.249	ug/l	99
52) Toluene	8.78	92	379121	20.661	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	215745	20.314	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	236529	19.910	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	154098	20.261	ug/l	99
56) Ethyl methacrylate	9.17	69	239494	19.431	ug/l	98
57) 1,3-Dichloropropane	9.37	76	260207	20.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	501428	96.420	ug/l	99
59) 2-Hexanone	9.48	43	906364	97.750	ug/l	100
60) Dibromochloromethane	9.57	129	158620	20.392	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160277	19.845	ug/l	99
64) Tetrachloroethene	9.33	164	144958	20.368	ug/l	96
65) Chlorobenzene	10.14	112	410655	20.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149653	20.250	ug/l	99
67) Ethyl Benzene	10.25	91	712969	20.524	ug/l	99
68) m/p-Xylenes	10.35	106	540708	41.157	ug/l	99
69) o-Xylene	10.70	106	259969	20.212	ug/l	99
70) Styrene	10.71	104	440367	20.482	ug/l	99
71) Bromoform	10.85	173	120111	19.608	ug/l #	99
73) Isopropylbenzene	11.01	105	691970	21.397	ug/l	100
74) N-amyl acetate	10.89	43	313985	20.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	243167	20.611	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	198845m	20.071	ug/l	
77) Bromobenzene	11.25	156	181233	21.021	ug/l	97
78) n-propylbenzene	11.35	91	776198	21.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	462131	21.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	586706	21.781	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75365	19.581	ug/l	98
82) 4-Chlorotoluene	11.51	91	528685	20.808	ug/l	99
83) tert-Butylbenzene	11.76	119	576468	21.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	585742	21.677	ug/l	99
85) sec-Butylbenzene	11.94	105	662090	21.245	ug/l	100
86) p-Isopropyltoluene	12.06	119	608765	21.214	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314929	20.493	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	318098	20.316	ug/l	99
89) n-Butylbenzene	12.39	91	510765	20.398	ug/l	99
90) Hexachloroethane	12.59	117	105089	20.553	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	320725	20.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53861	18.738	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

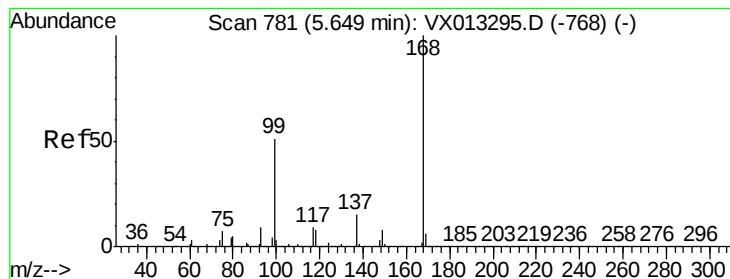
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	213742	19.947	ug/l	98
94) Hexachlorobutadiene	13.78	225	100499	19.171	ug/l	99
95) Naphthalene	13.83	128	693179	20.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	216810	20.176	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 168 Resp: 730082

Ion Ratio Lower Upper

168 100

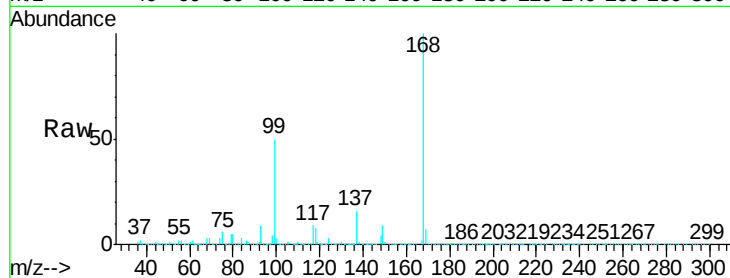
99 50.4 40.8 61.2

Manual Integrations

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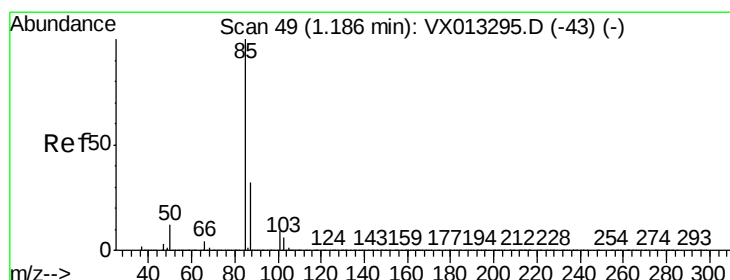
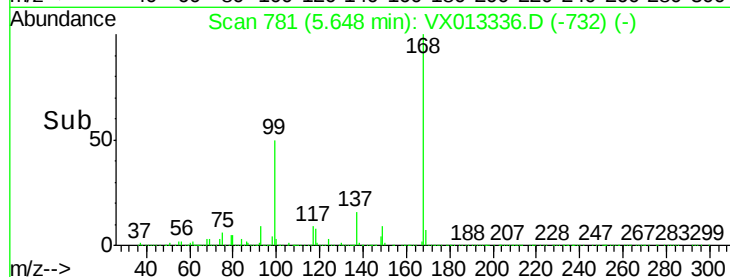
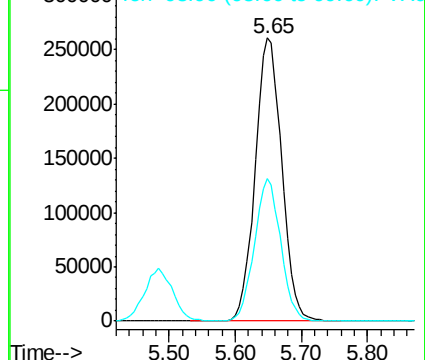
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.296 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013336.D

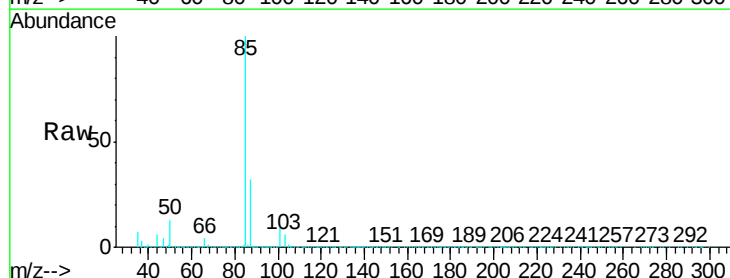
Acq: 06 Nov 2019 11:55

Tgt Ion: 85 Resp: 162320

Ion Ratio Lower Upper

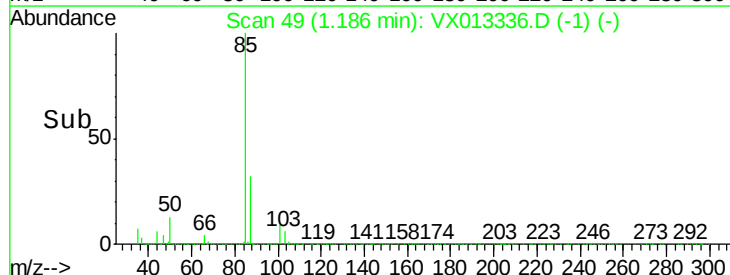
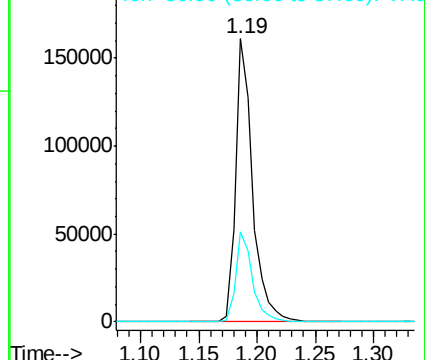
85 100

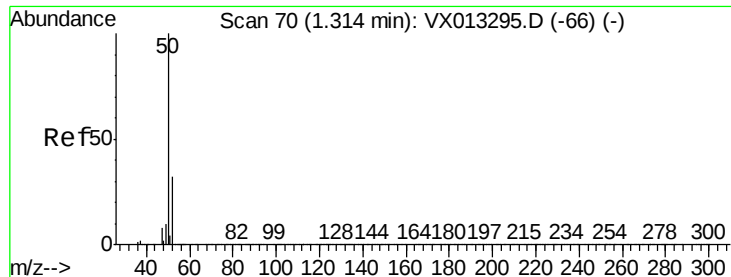
87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.352 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 50 Resp: 176538

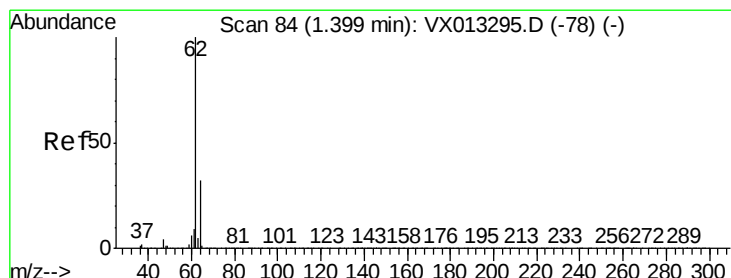
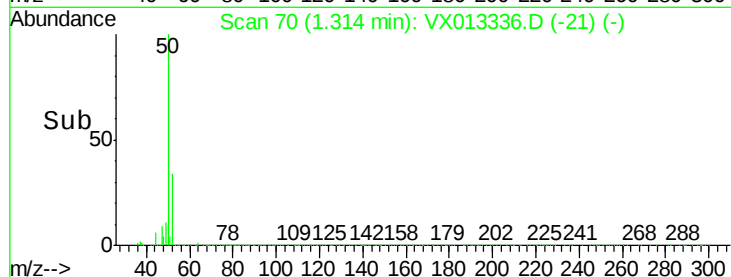
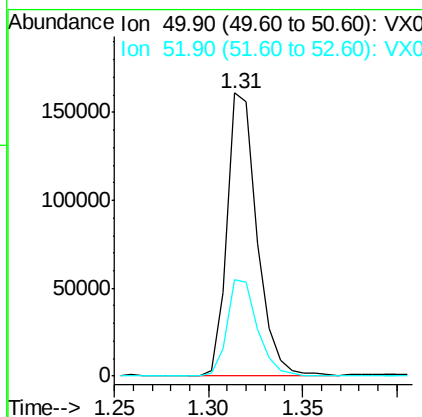
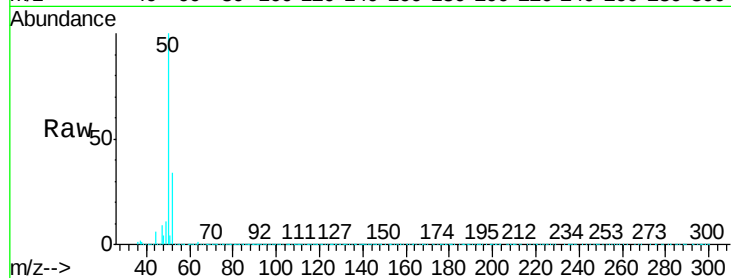
Ion Ratio Lower Upper

50 100

52 34.1 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.899 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013336.D

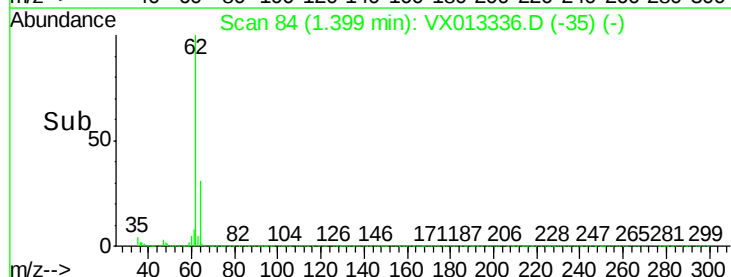
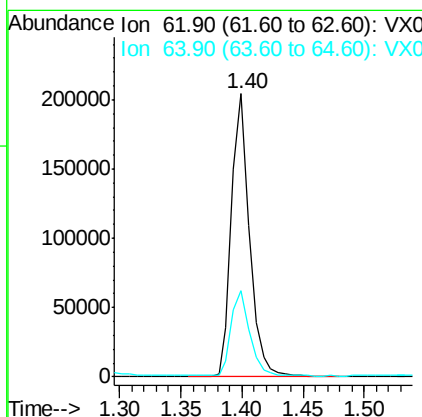
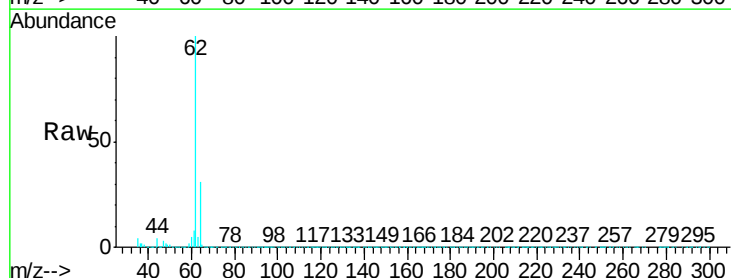
Acq: 06 Nov 2019 11:55

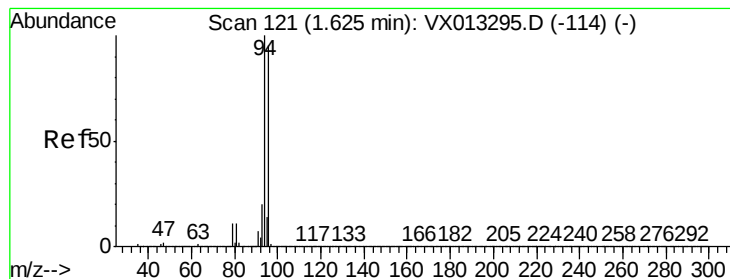
Tgt Ion: 62 Resp: 206659

Ion Ratio Lower Upper

62 100

64 30.3 25.6 38.4





#5

Bromomethane

Concen: 16.587 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 94 Resp: 120043

Ion Ratio Lower Upper

94 100

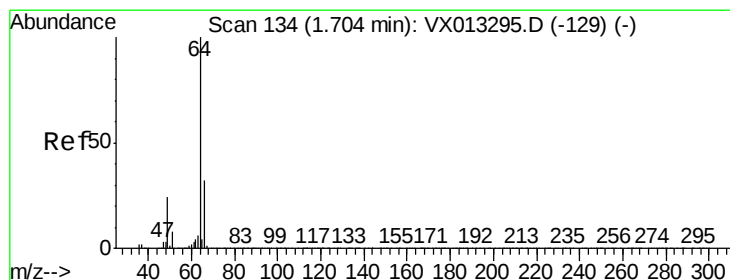
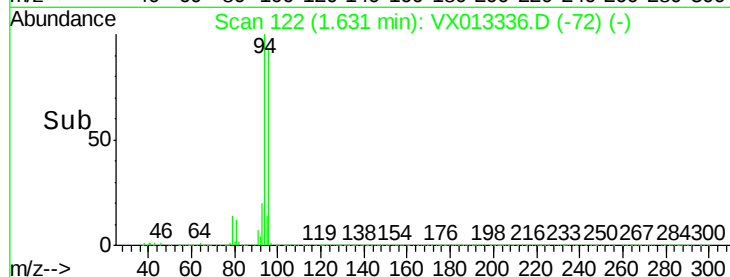
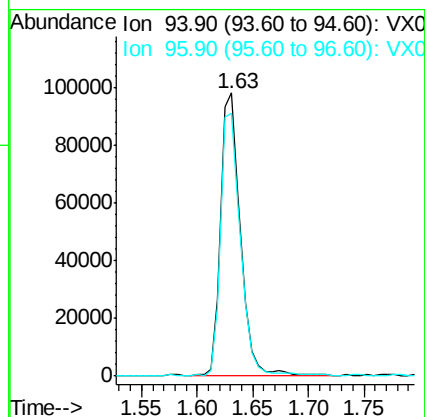
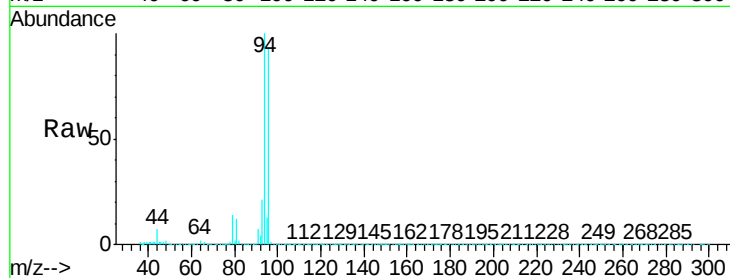
96 92.9 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 18.837 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013336.D

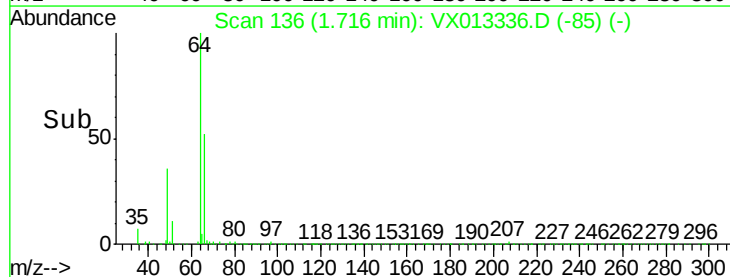
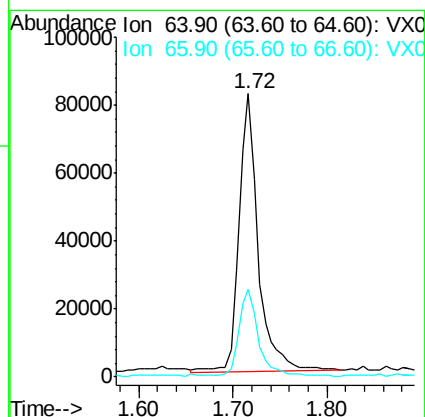
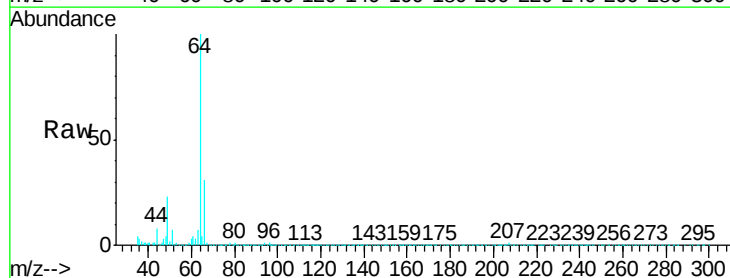
Acq: 06 Nov 2019 11:55

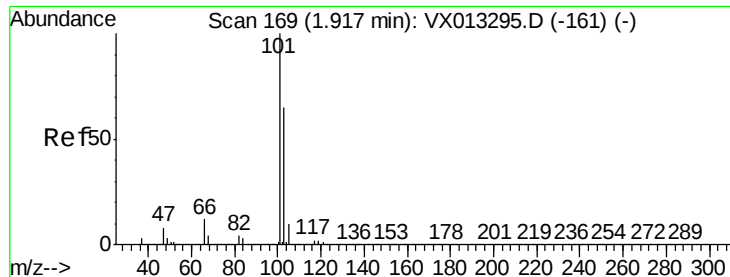
Tgt Ion: 64 Resp: 116234

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4





#7

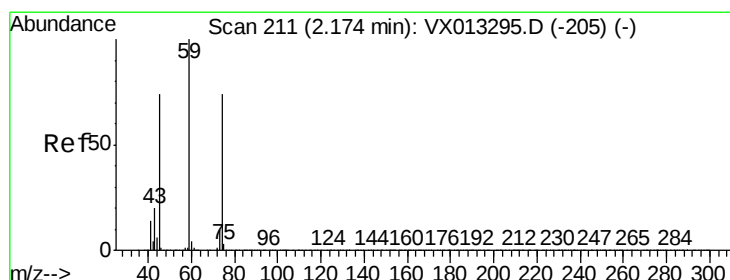
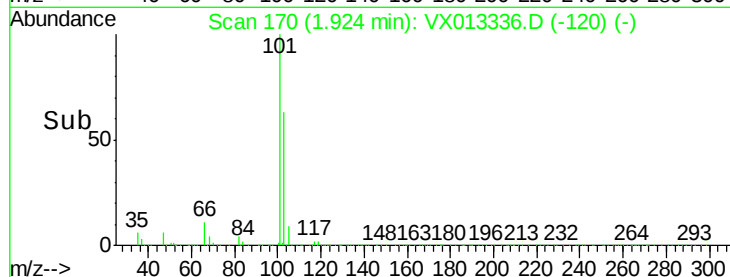
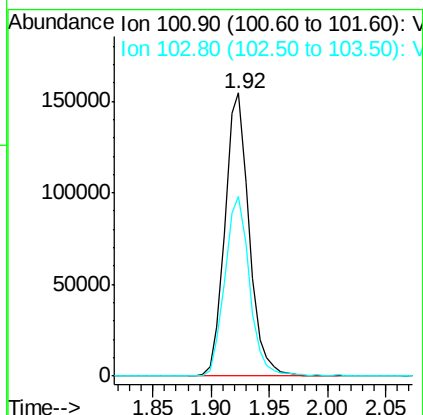
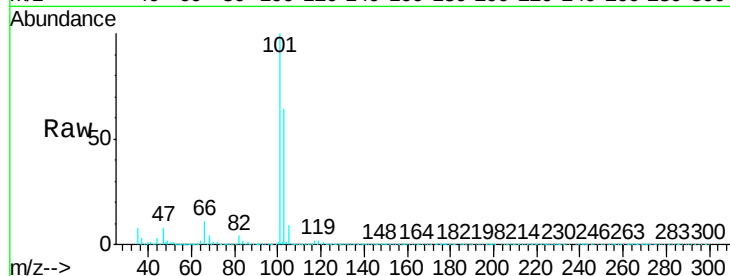
Trichlorofluoromethane
Concen: 18.168 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
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ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	222920		
103	63.5	52.3	78.5	

Manual Integrations
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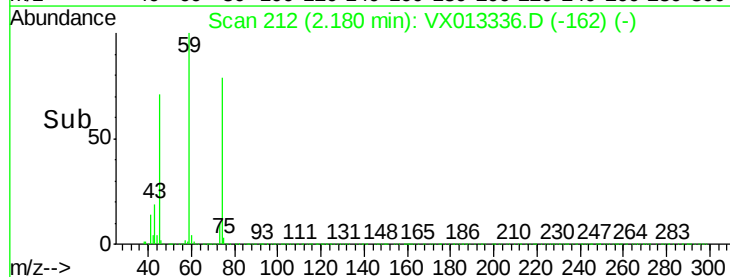
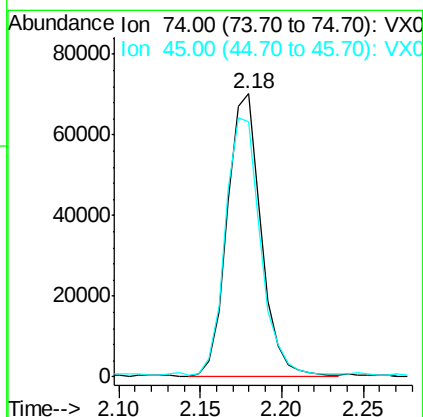
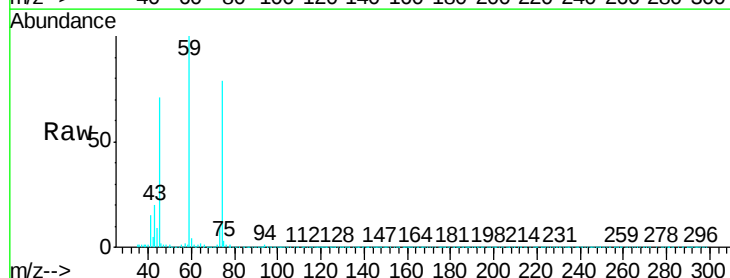
MMDadoda
11/7/2019 9:17:06 AM

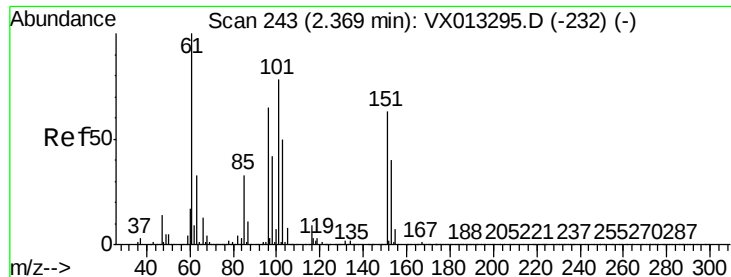


#8

Diethyl Ether
Concen: 18.536 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	100573		
45	95.1	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.919 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

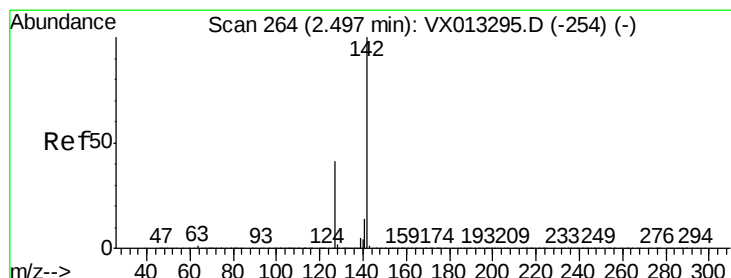
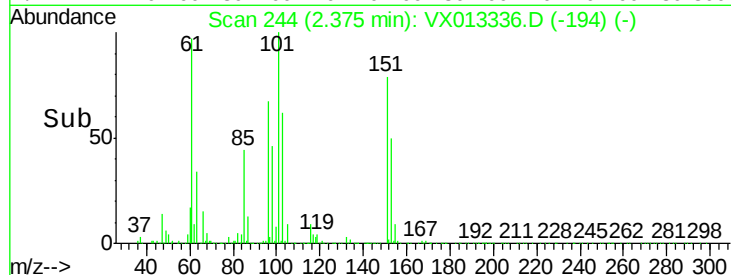
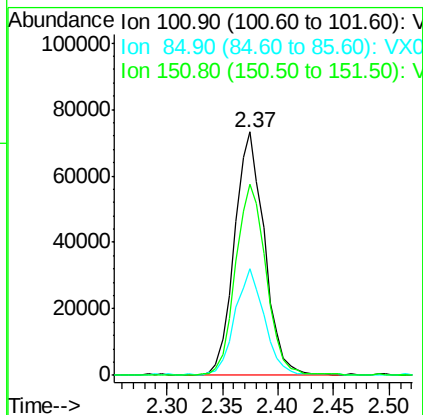
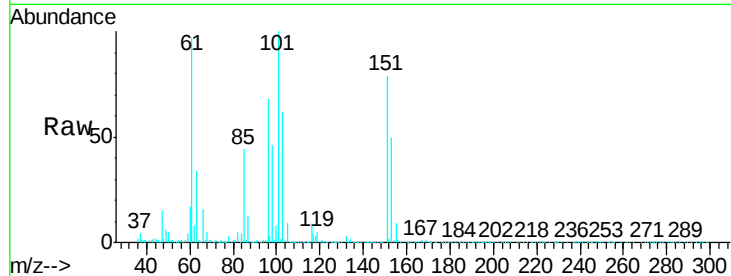
ClientSampleId :

VX1106WBS01

Tgt Ion:	101	Resp:	136223
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.4	51.6
151	80.8	66.4	99.6

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#10

Methyl Iodide

Concen: 17.382 ug/l

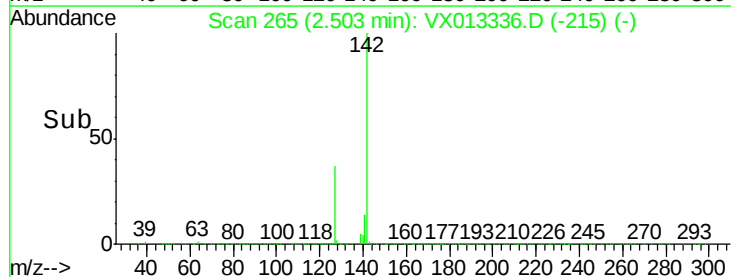
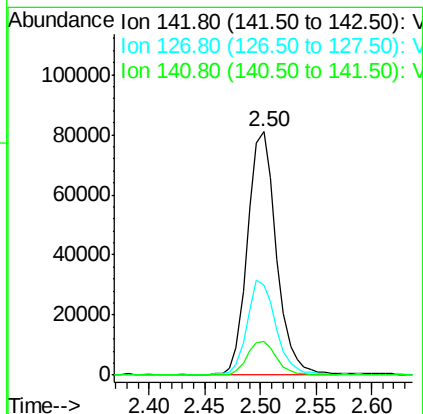
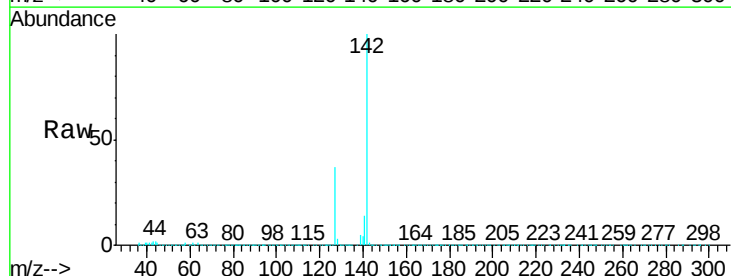
RT: 2.50 min Scan# 265

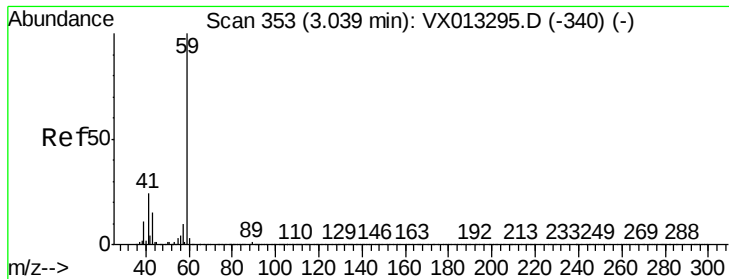
Delta R.T. 0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion:	142	Resp:	147175
Ion Ratio	Lower	Upper	
142	100		
127	38.3	32.6	49.0
141	13.4	11.6	17.4





#11

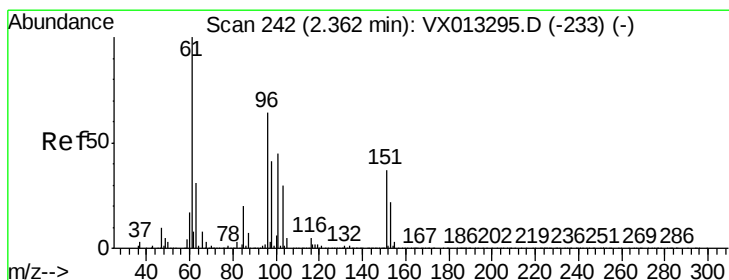
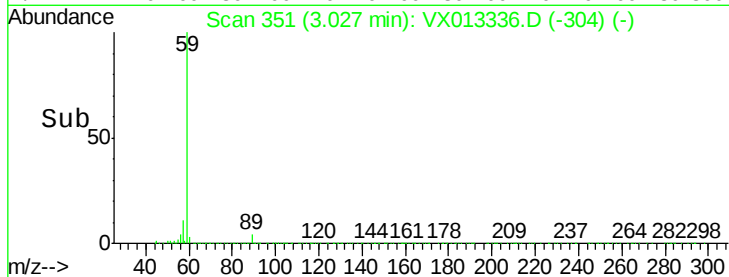
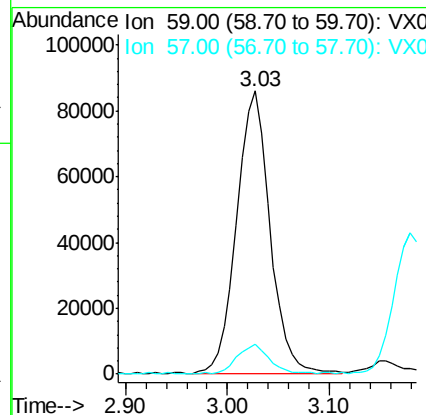
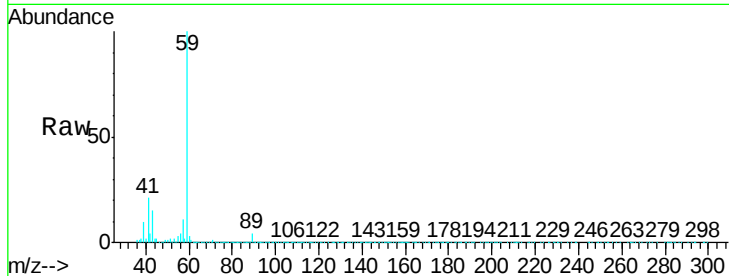
Tert butyl alcohol
Concen: 85.243 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.0	12.0

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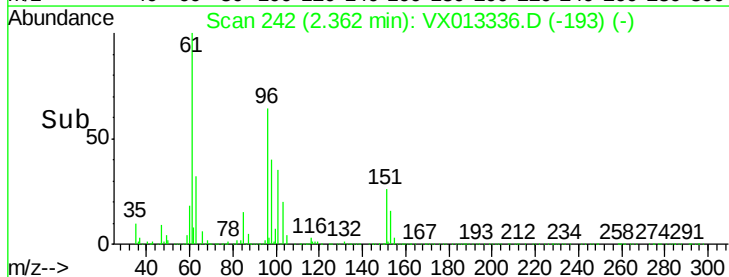
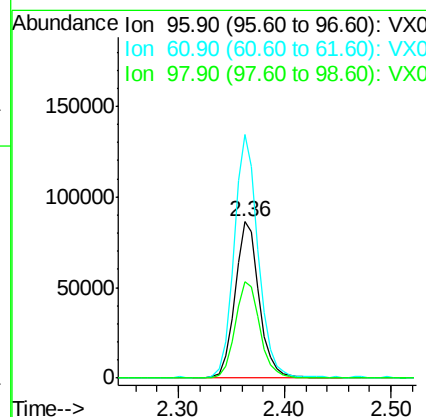
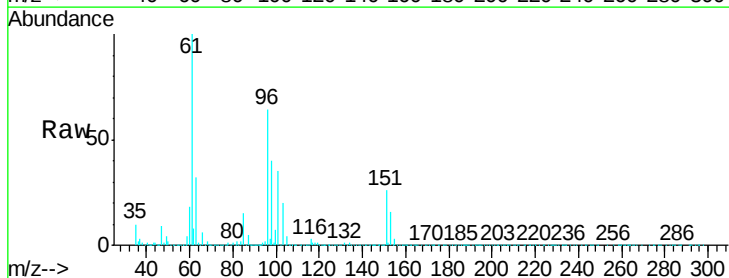
MMDadoda
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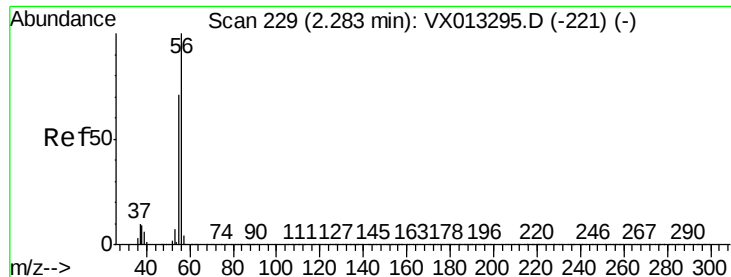


#12

1,1-Dichloroethene
Concen: 20.329 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	125.0	187.6
98	61.7	50.7	76.1





#13

Acrolein

Concen: 78.513 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 56 Resp: 97005

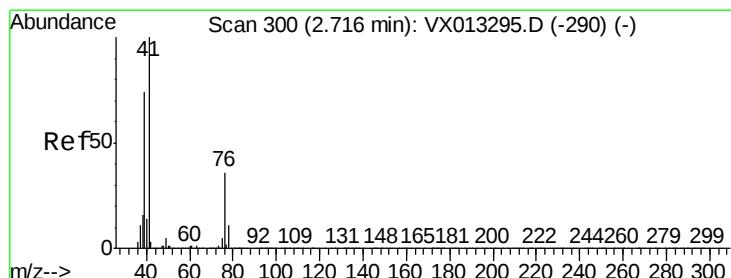
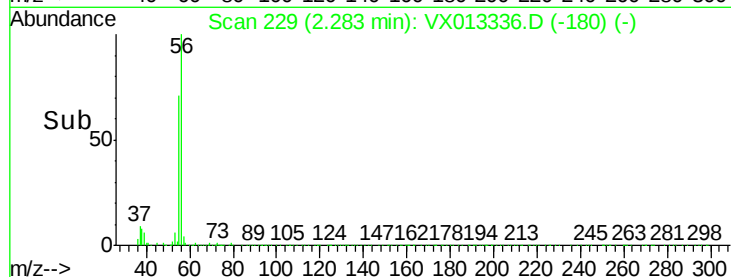
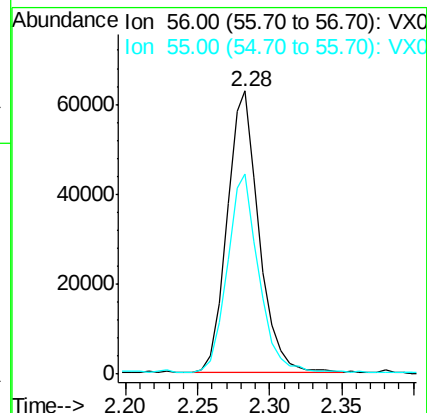
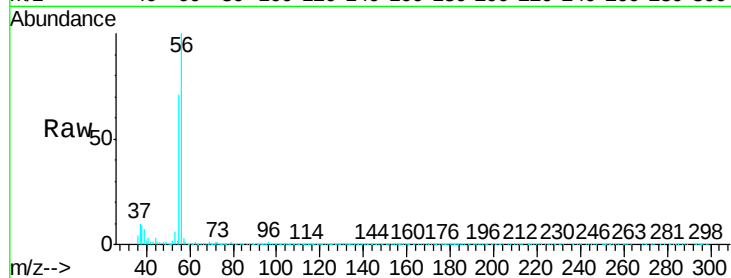
Ion Ratio Lower Upper

56 100

55 69.9 57.4 86.0

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#14

Allyl chloride

Concen: 19.973 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

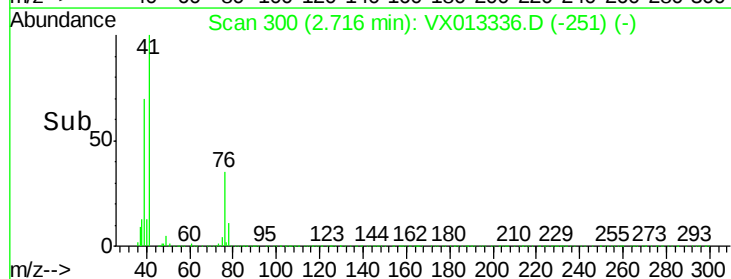
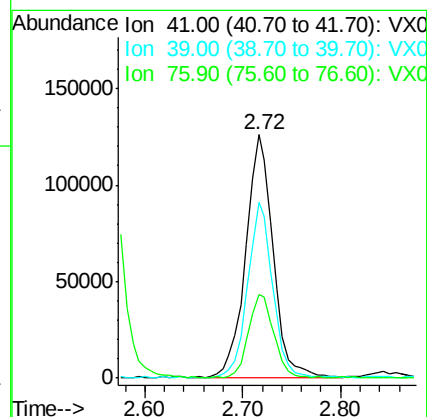
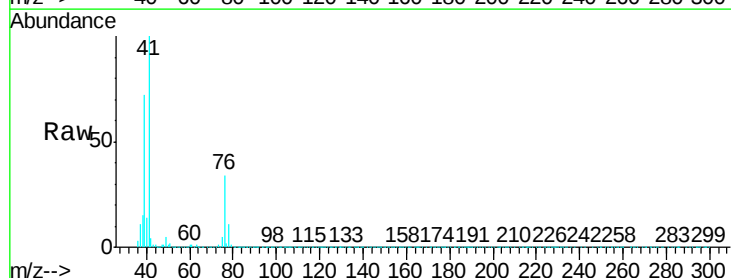
Tgt Ion: 41 Resp: 243029

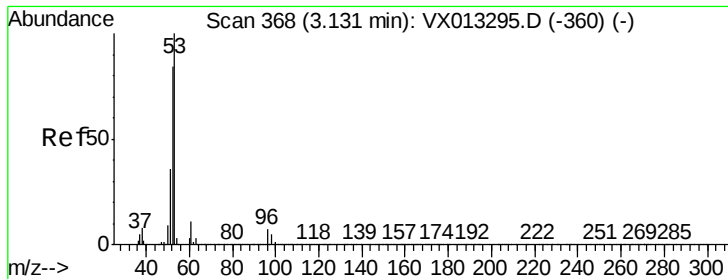
Ion Ratio Lower Upper

41 100

39 65.7 55.8 83.8

76 31.5 26.4 39.6





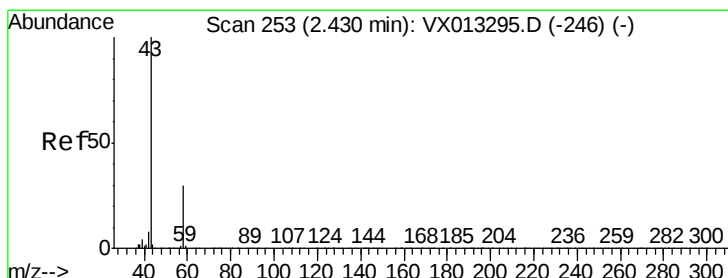
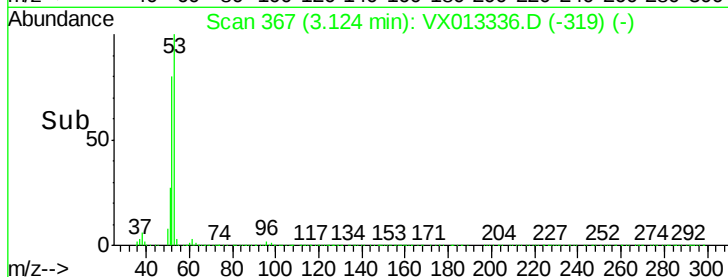
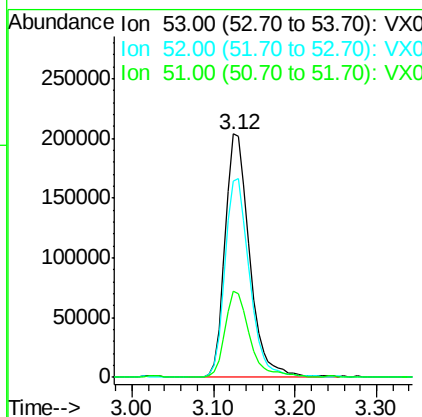
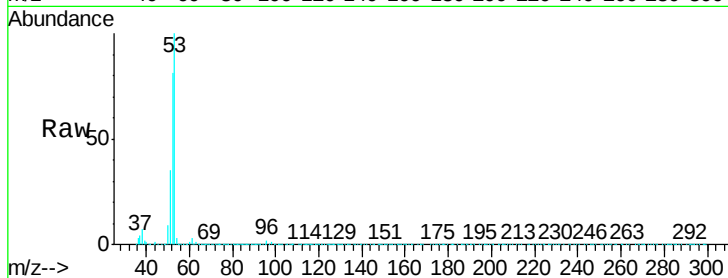
#15
Acrylonitrile
Concen: 99.169 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.4	101.0
51	35.0	29.4	44.2

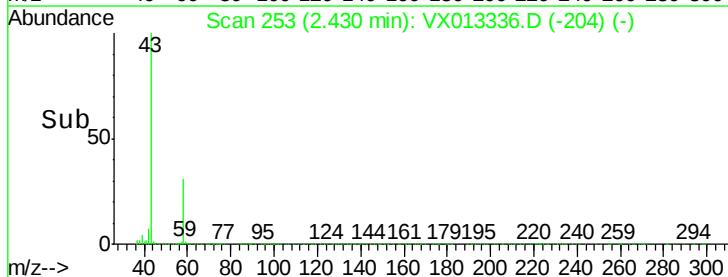
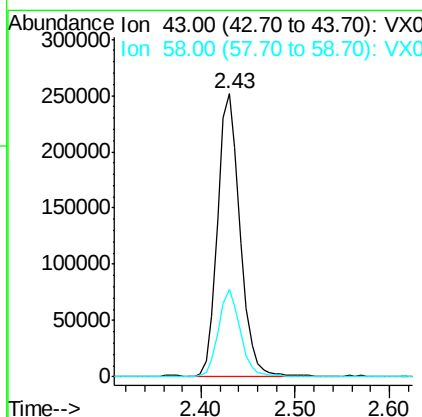
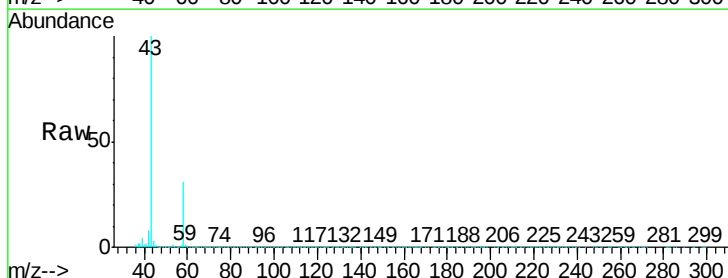
Manual Integrations
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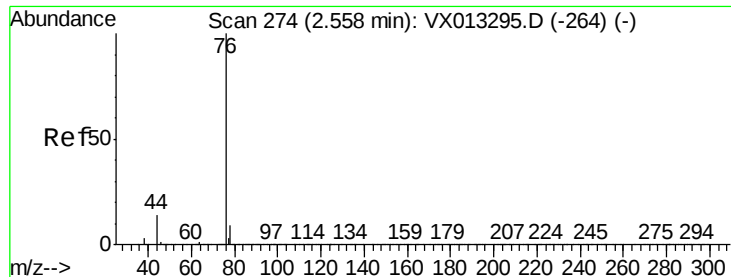
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#16
Acetone
Concen: 95.688 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.3	36.5





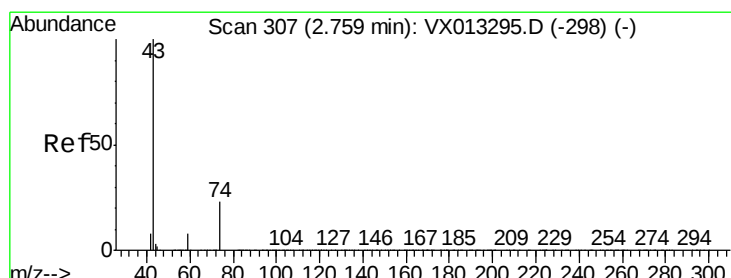
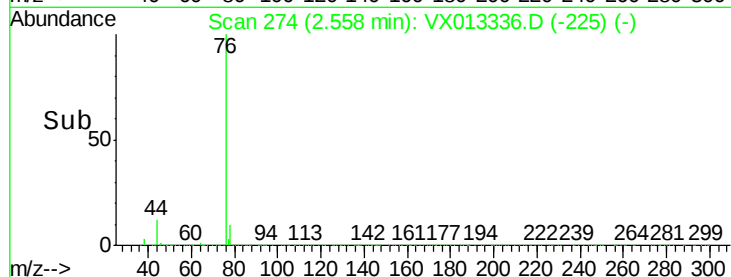
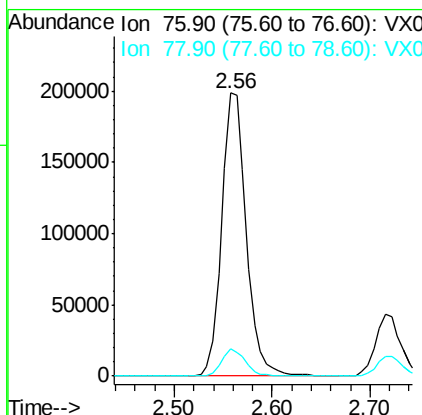
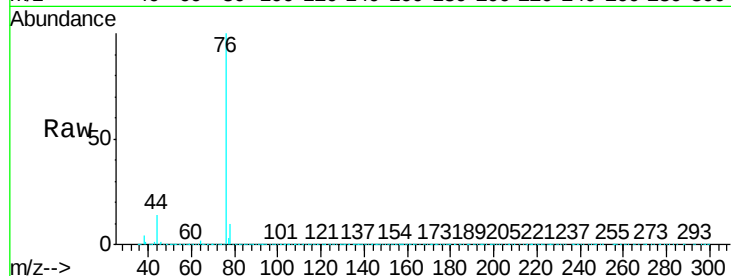
#17
Carbon Disulfide
Concen: 19.196 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

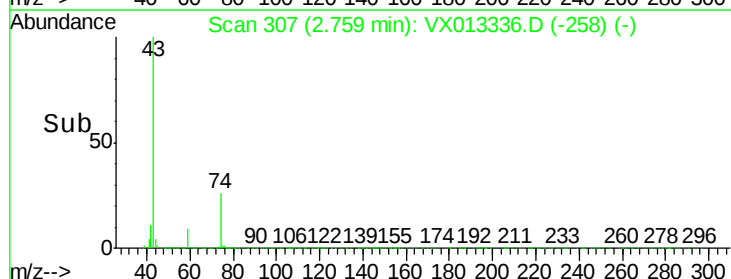
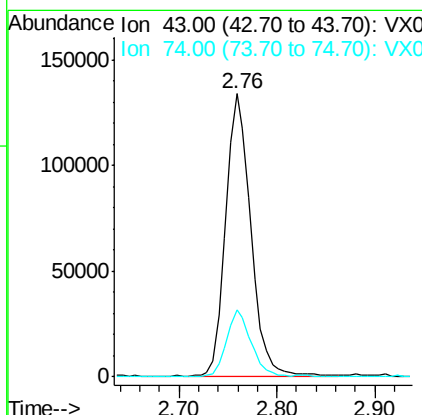
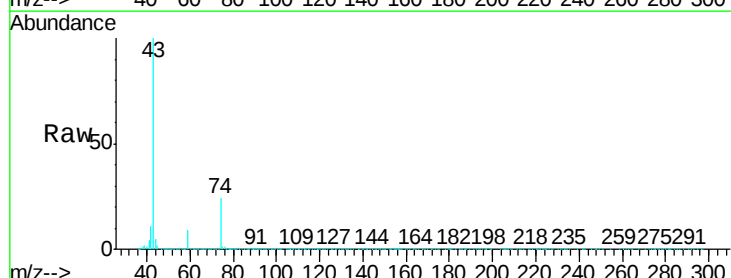
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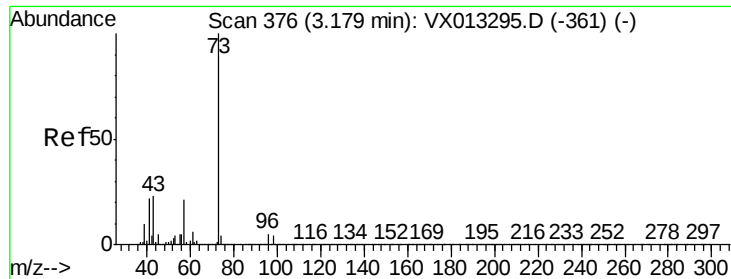
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#18
Methyl Acetate
Concen: 19.948 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.0	28.6





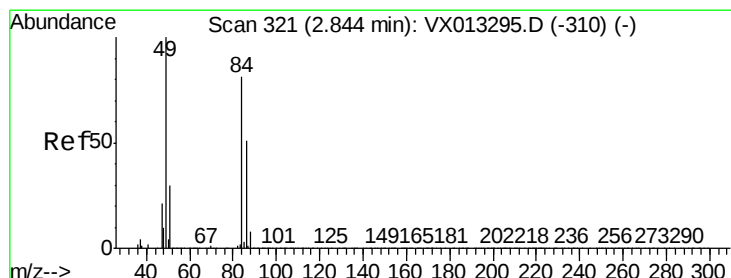
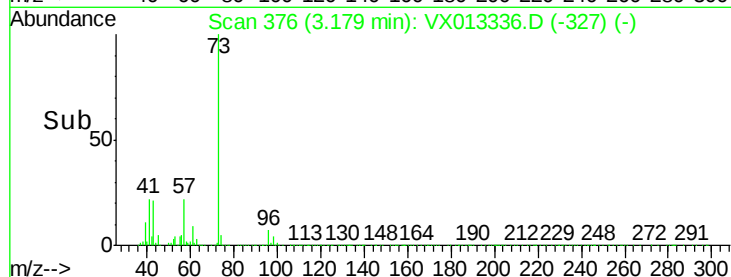
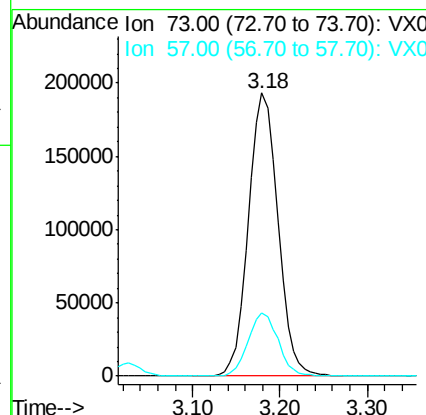
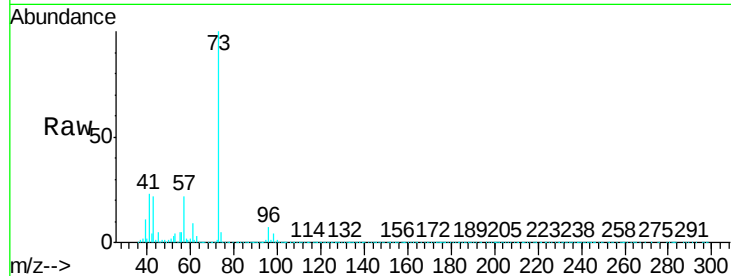
#19
Methyl tert-butyl Ether
Concen: 20.245 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion: 73 Resp: 452210
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

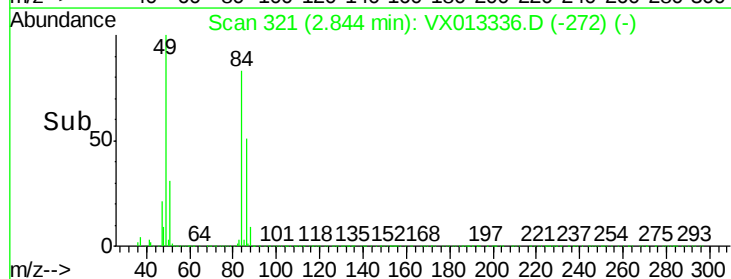
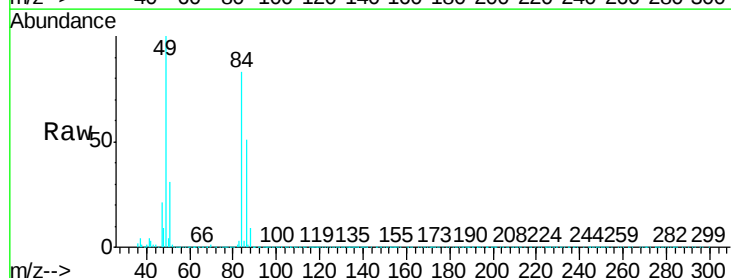
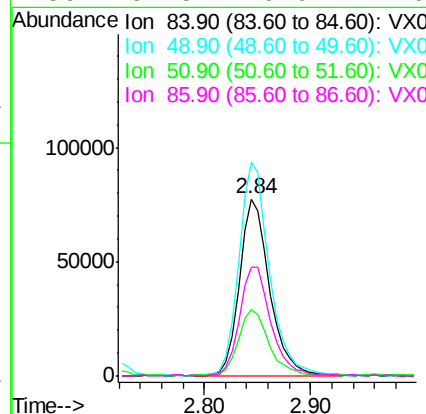
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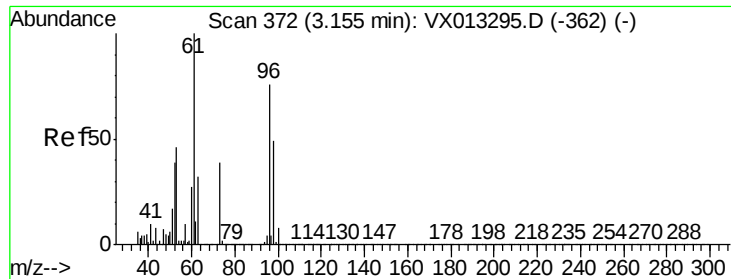
MMDadoda
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#20
Methylene Chloride
Concen: 19.192 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 84 Resp: 152980
Ion Ratio Lower Upper
84 100
49 120.5 98.2 147.4
51 37.5 29.9 44.9
86 61.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.578 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

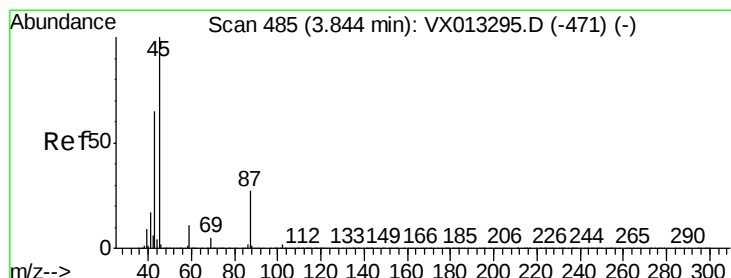
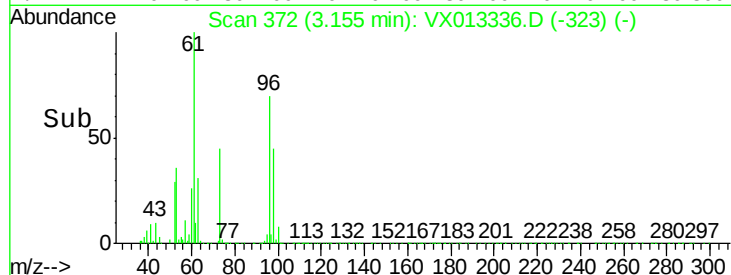
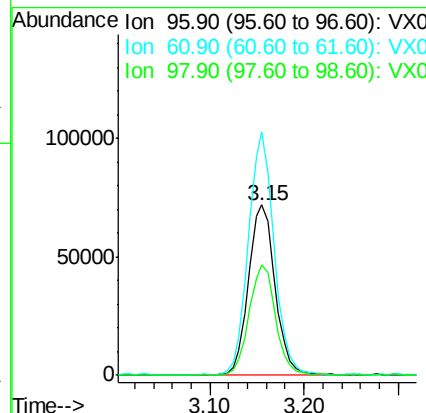
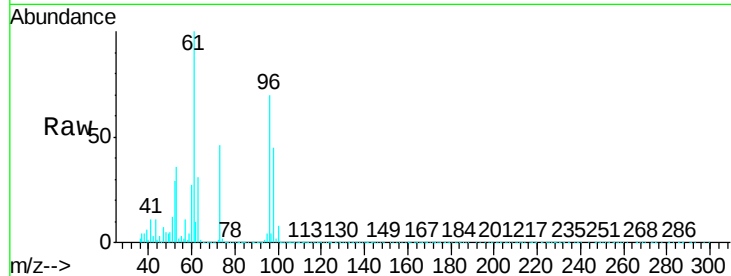
ClientSampled :

VX1106WBS01

Tgt Ion:	96	Resp:	142754
Ion	Ratio	Lower	Upper
96	100		
61	142.6	105.8	158.6
98	64.3	51.8	77.6

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#22

Diisopropyl ether

Concen: 20.479 ug/l

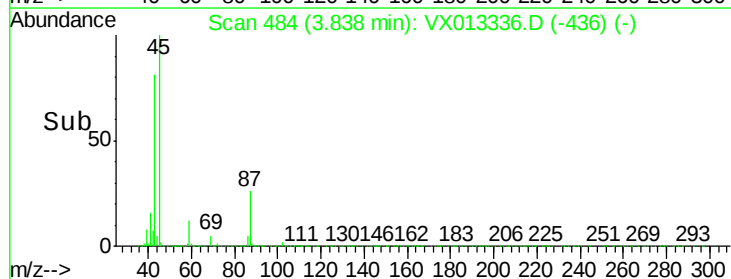
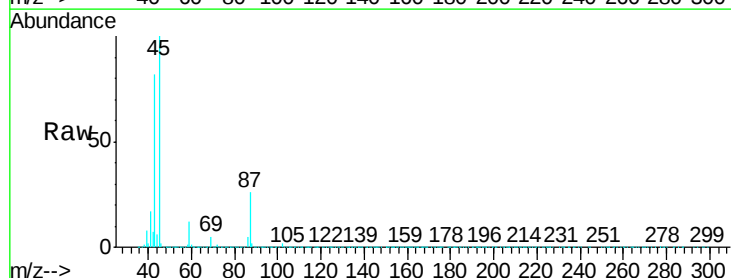
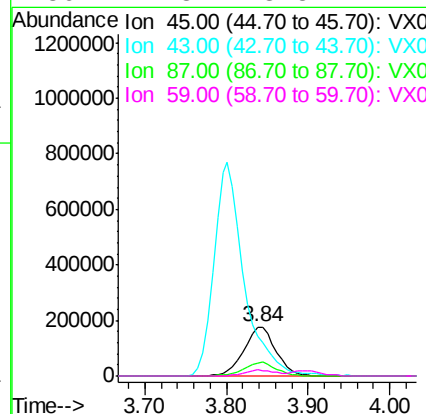
RT: 3.84 min Scan# 484

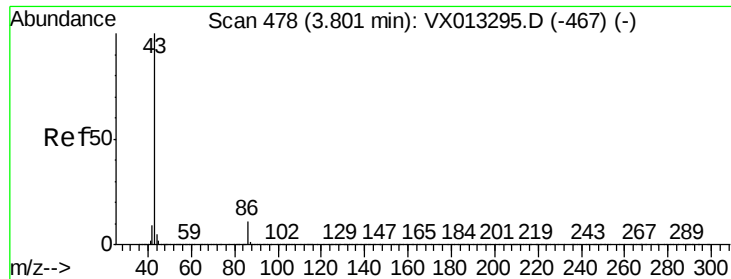
Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion:	45	Resp:	481079
Ion	Ratio	Lower	Upper
45	100		
43	80.4	54.2	81.2
87	26.3	21.8	32.8
59	11.8	8.5	12.7





#23

Vinyl Acetate

Concen: 98.847 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 43 Resp: 1987007

Ion Ratio Lower Upper

43 100

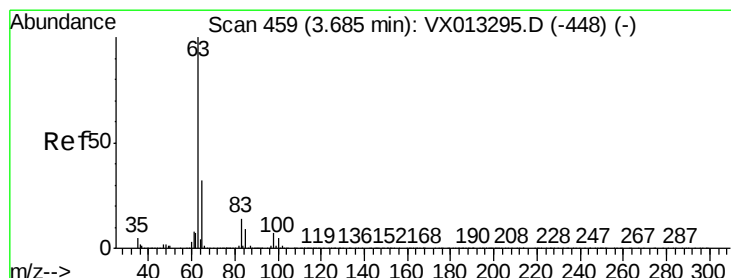
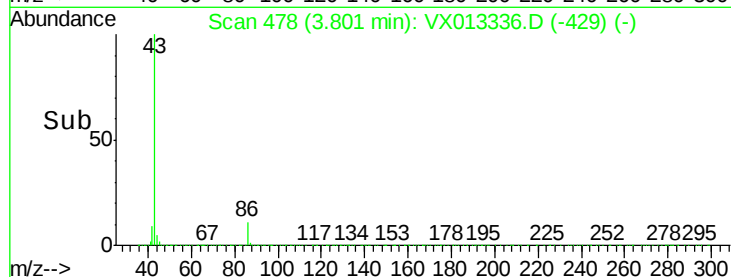
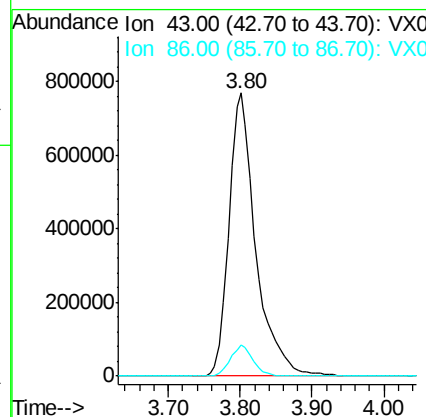
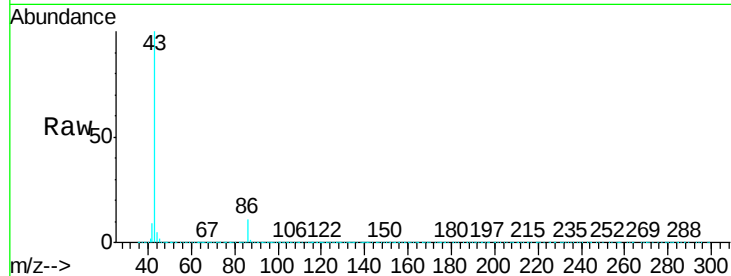
86 11.0 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.229 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

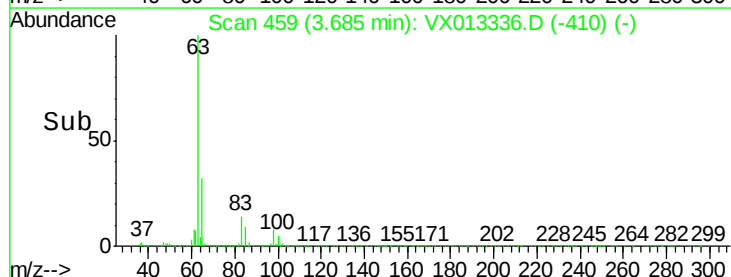
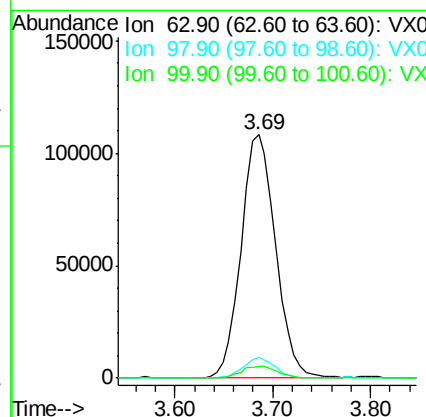
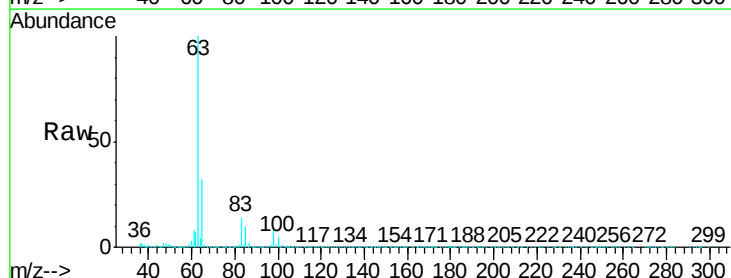
Tgt Ion: 63 Resp: 265843

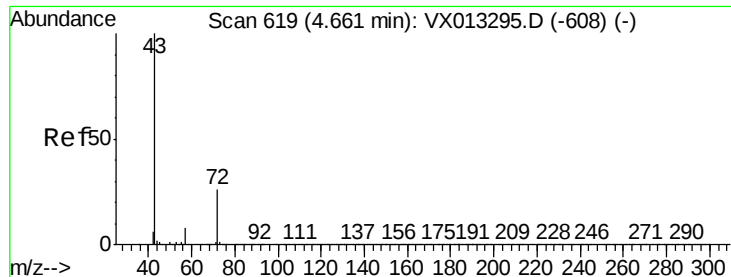
Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 95.909 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 43 Resp: 607003

Ion Ratio Lower Upper

43 100

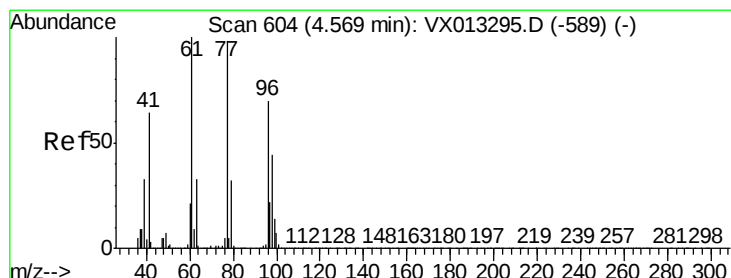
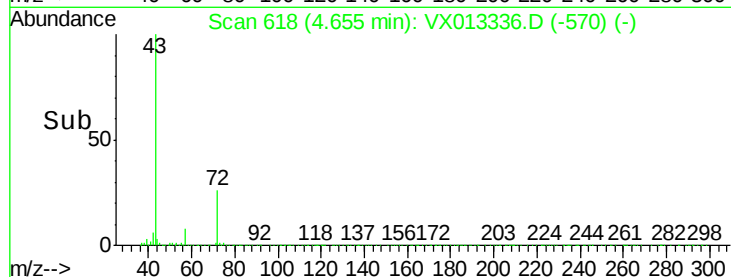
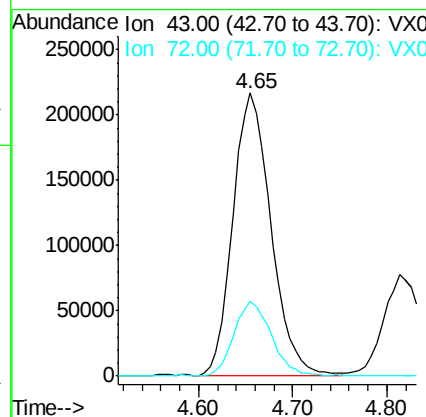
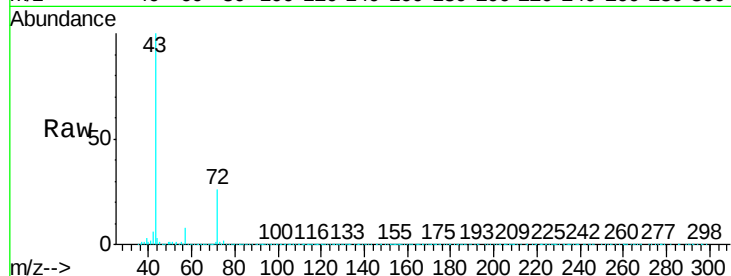
72 26.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.246 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013336.D

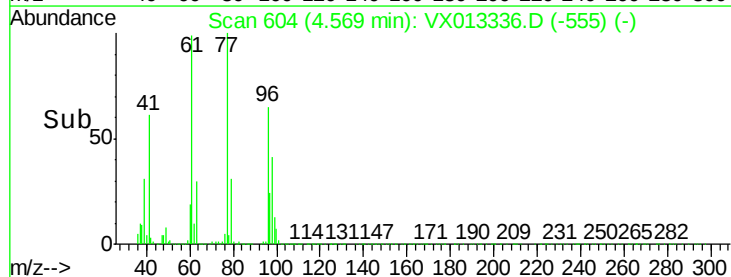
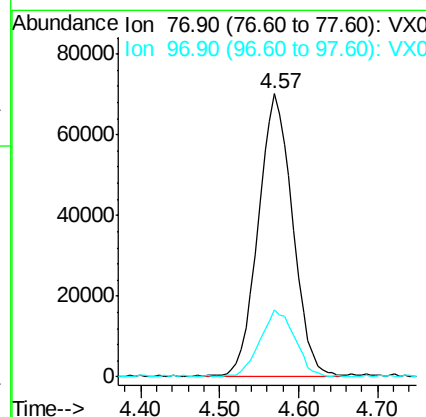
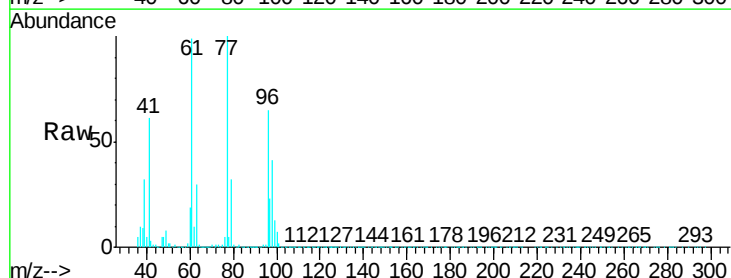
Acq: 06 Nov 2019 11:55

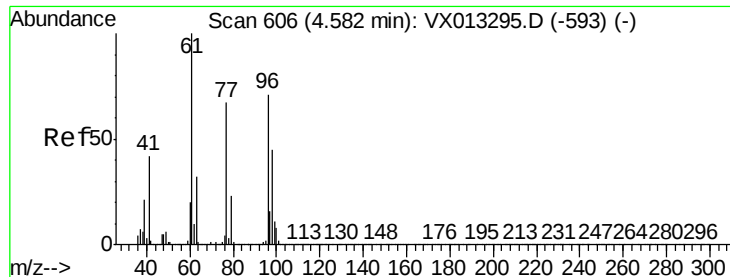
Tgt Ion: 77 Resp: 211657

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

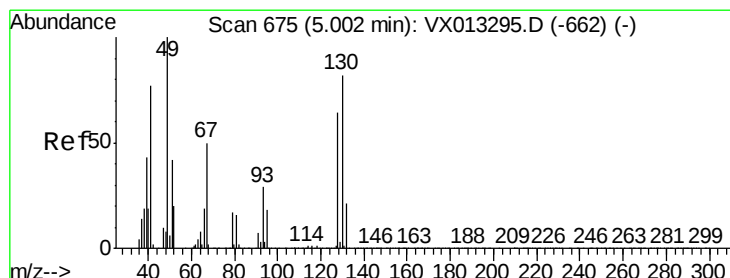
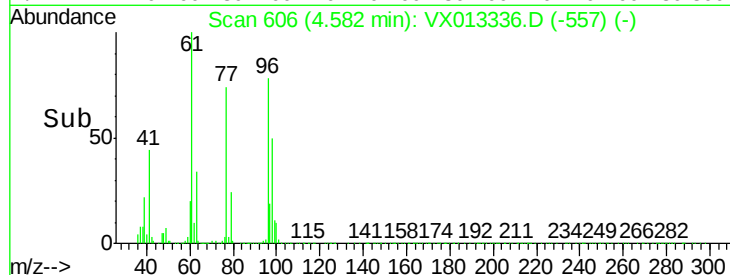
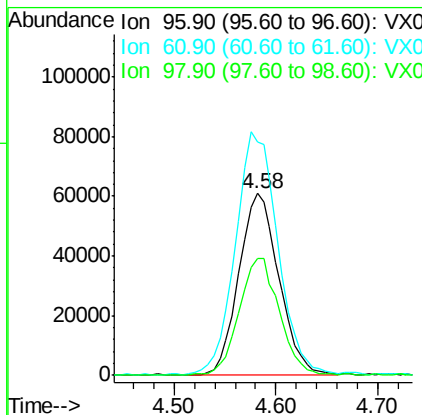
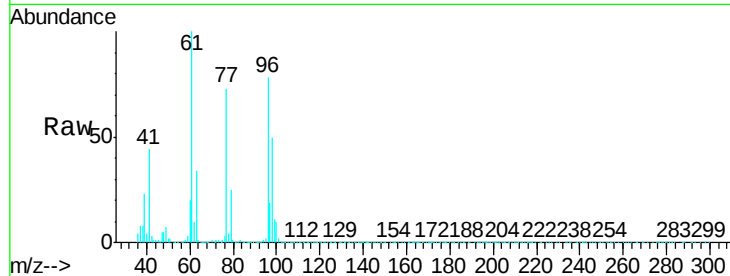
cis-1,2-Dichloroethene
Concen: 20.260 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	165489		
61	141.2	0.0	288.0	
98	64.5	0.0	129.6	

Manual Integrations
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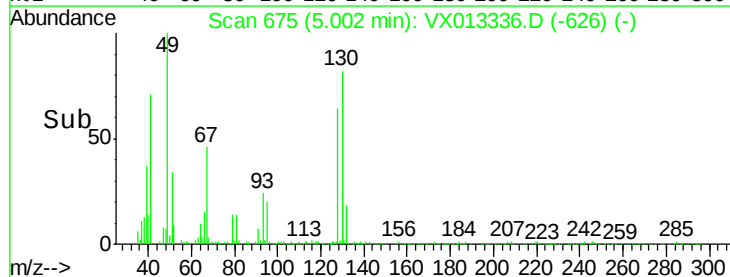
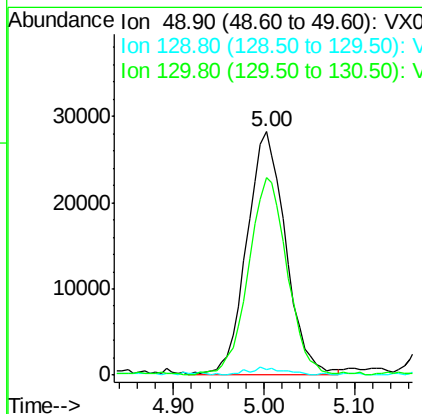
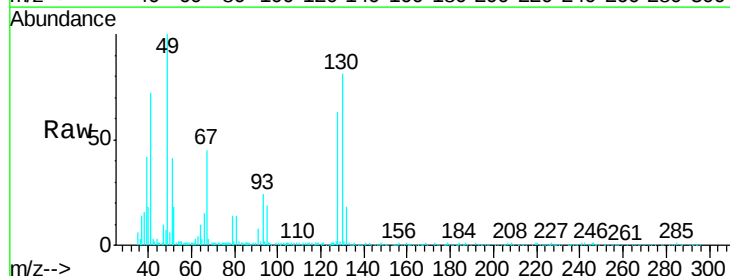
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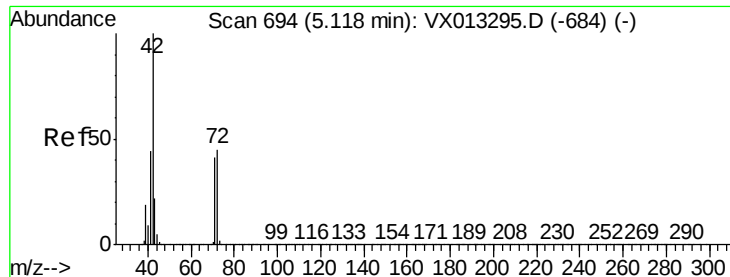


#28

Bromochloromethane
Concen: 22.498 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83947		
129	2.9	0.0	5.2	
130	80.8	63.8	95.6	





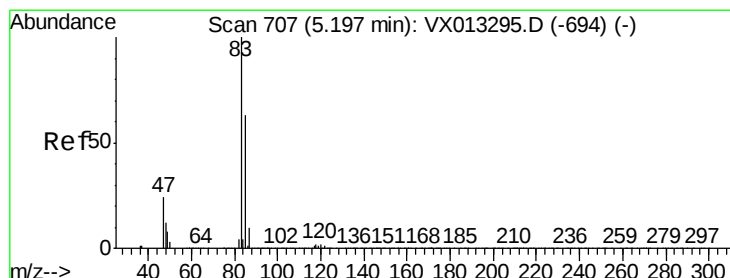
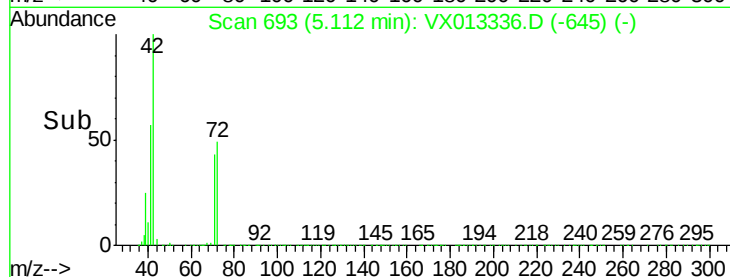
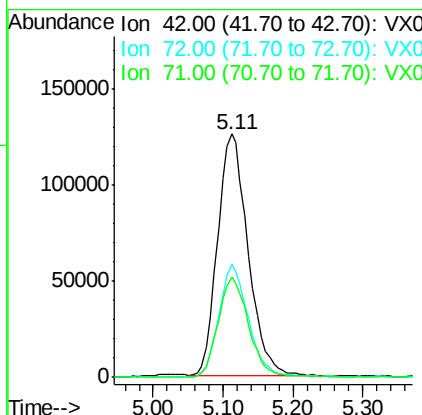
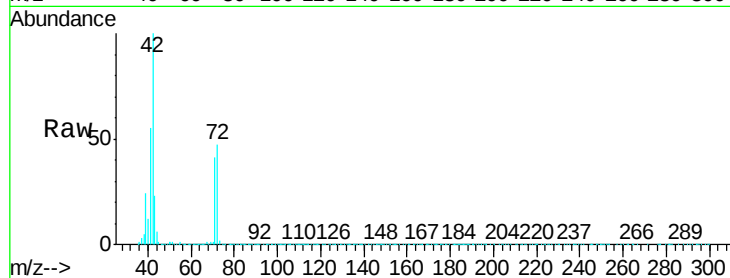
#29
Tetrahydrofuran
Concen: 98.017 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	40.6	33.4	50.0

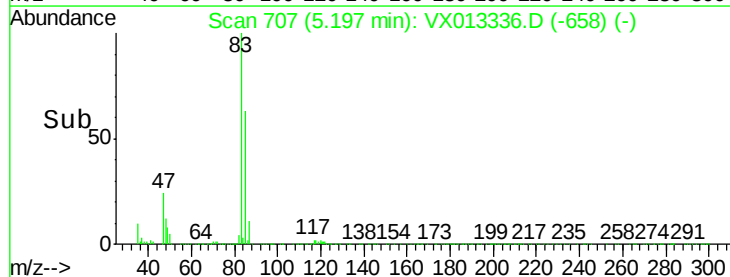
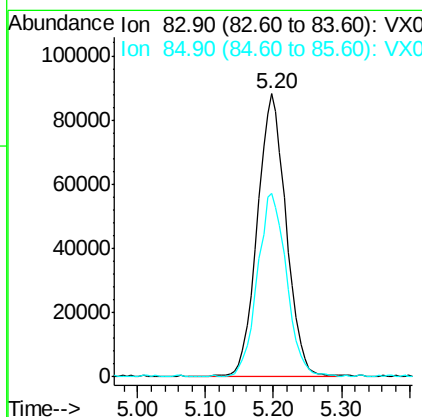
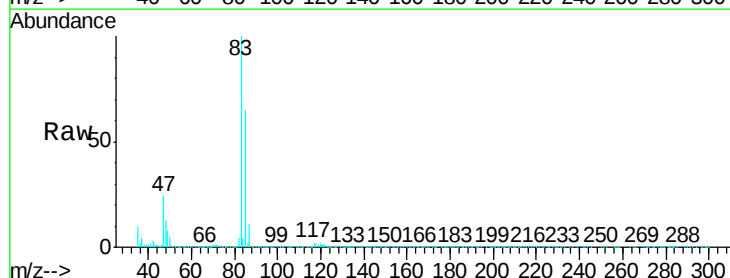
Manual Integrations
APPROVED

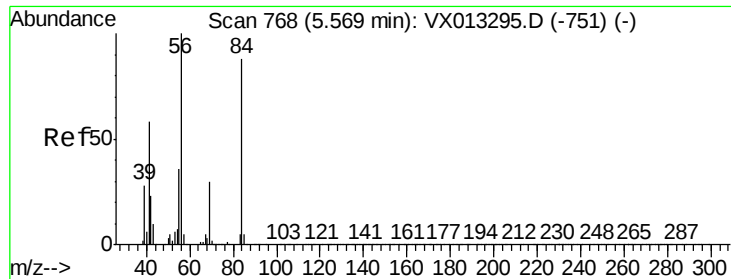
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#30
Chloroform
Concen: 19.949 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.4





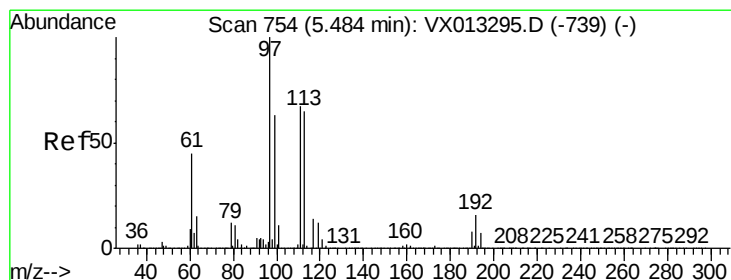
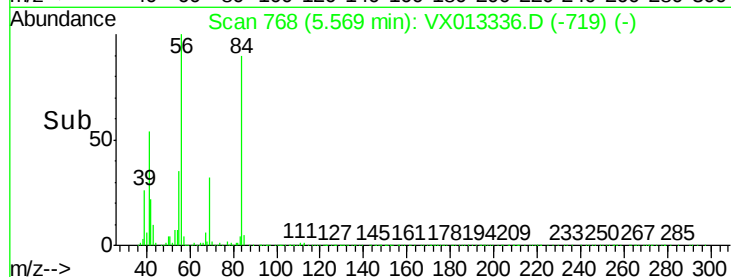
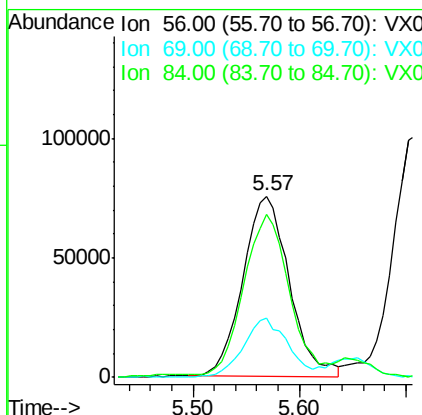
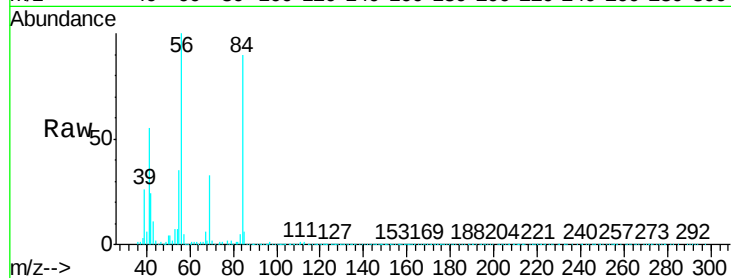
#31
Cyclohexane
Concen: 19.412 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.5	23.7	35.5
84	89.2	70.6	105.8

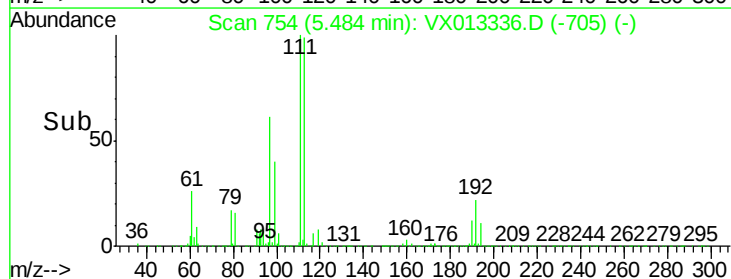
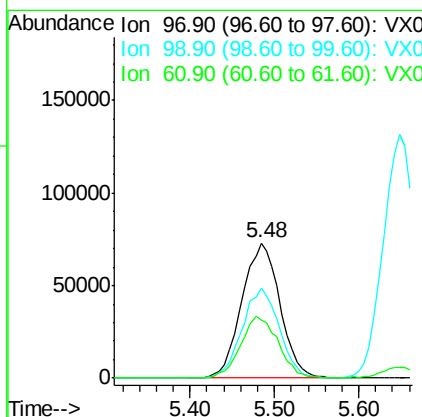
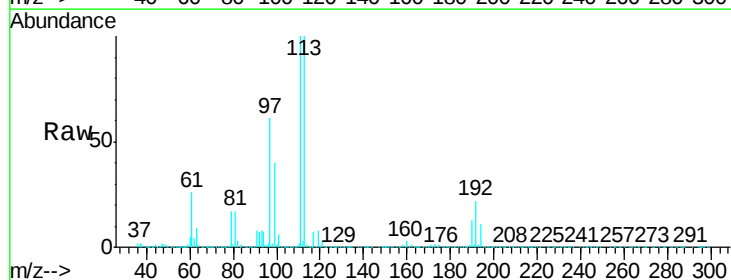
Manual Integrations
APPROVED

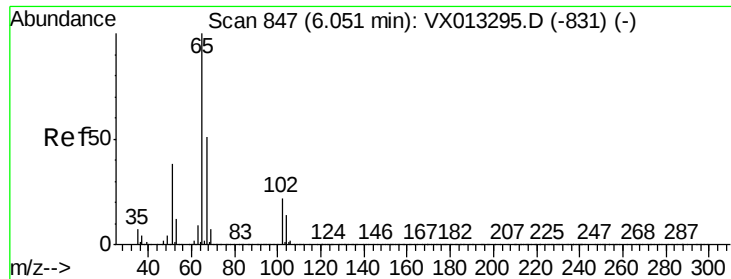
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#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	44.4	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 48.553 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 65 Resp: 419947
Ion Ratio Lower Upper

65 100

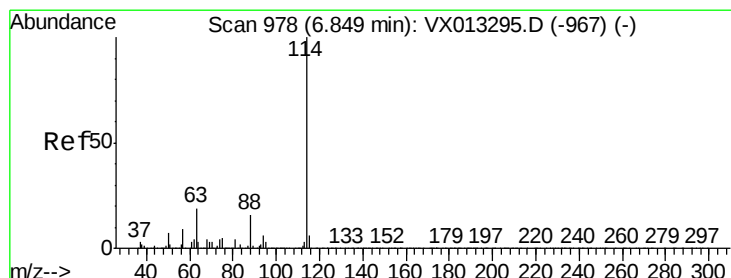
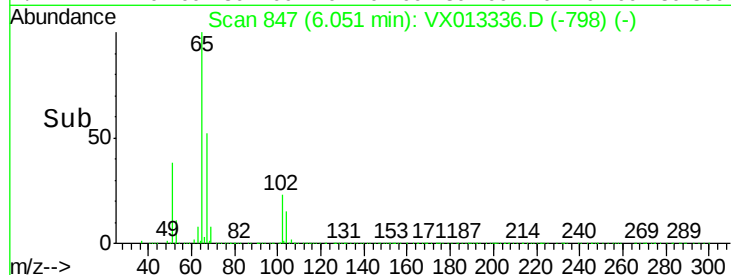
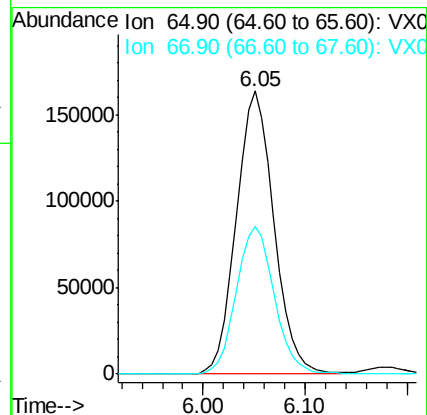
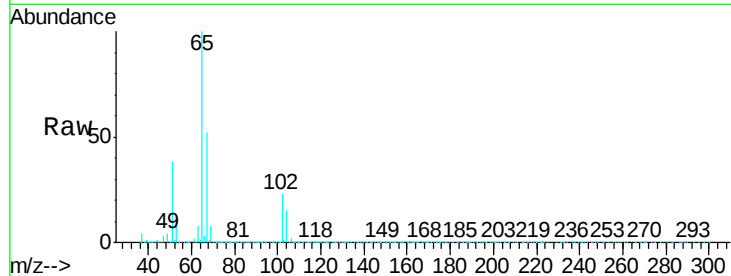
67 52.3

0.0 104.2

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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: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion: 114 Resp: 1107911
Ion Ratio Lower Upper

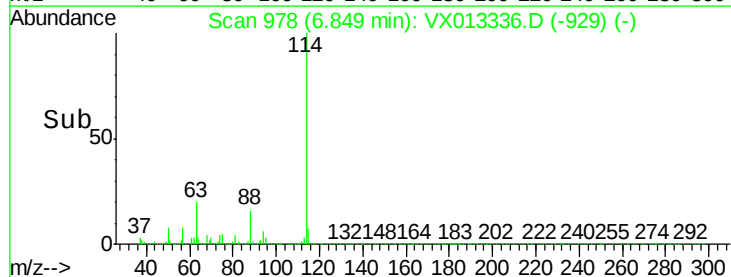
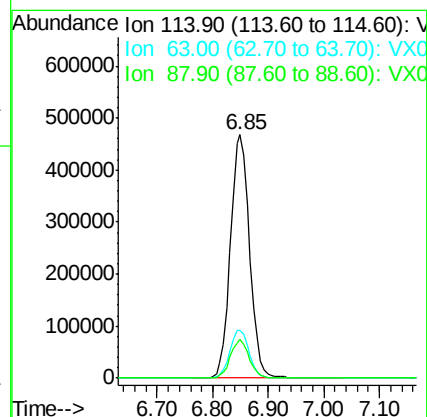
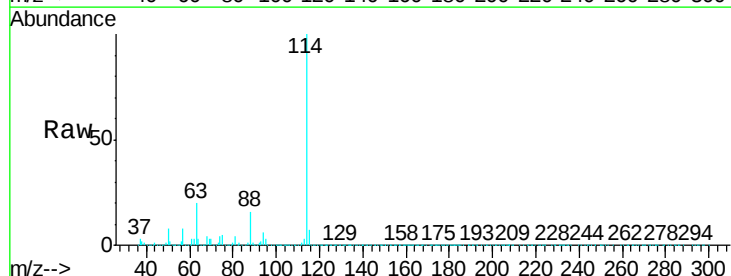
114 100

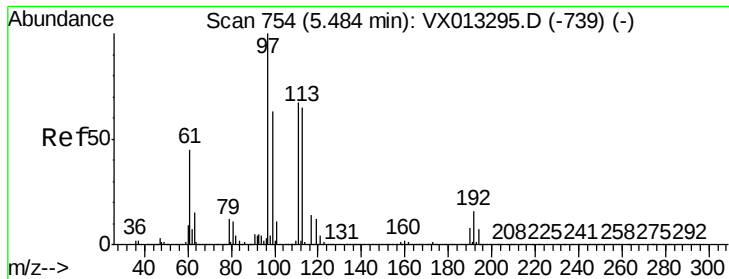
63 19.5

88 15.9

0.0 38.4

0.0 32.2





#35

Dibromofluoromethane

Concen: 49.112 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

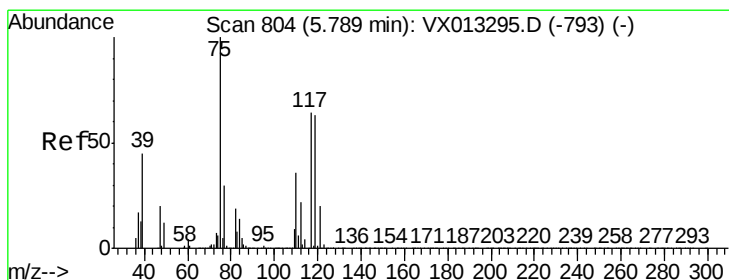
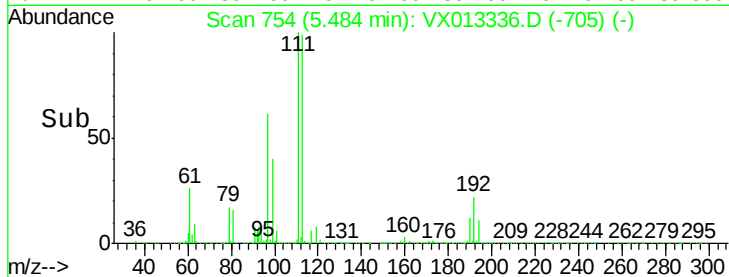
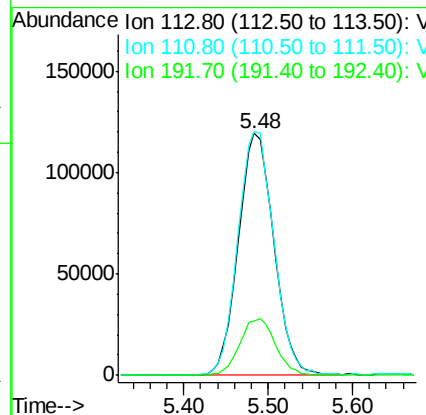
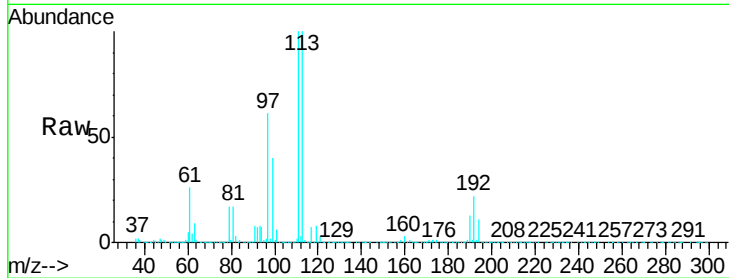
ClientSampleId :

VX1106WBS01

Tgt Ion:	113	Resp:	341275
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.9	122.9
192	23.5	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 20.106 ug/l

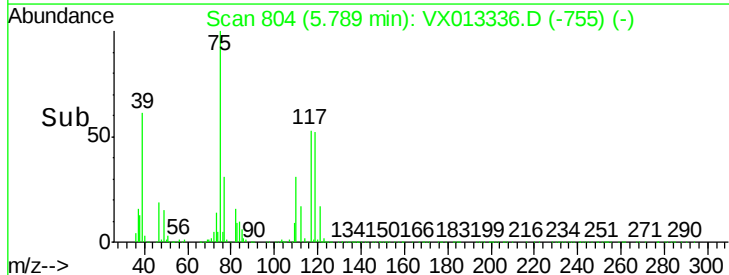
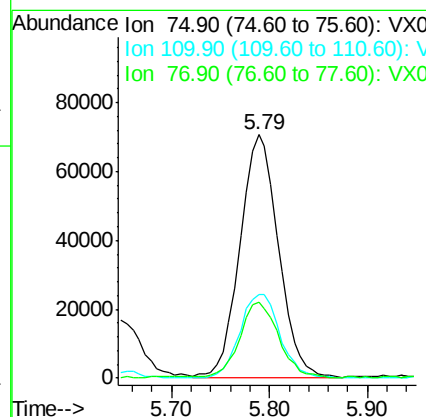
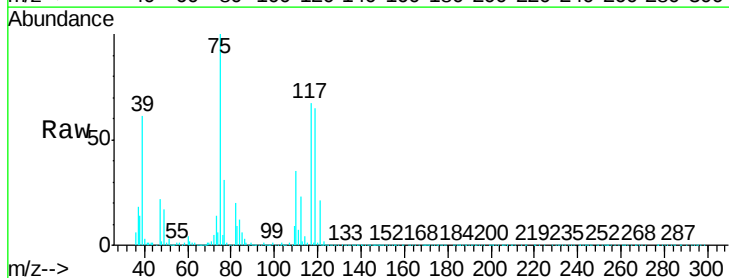
RT: 5.79 min Scan# 804

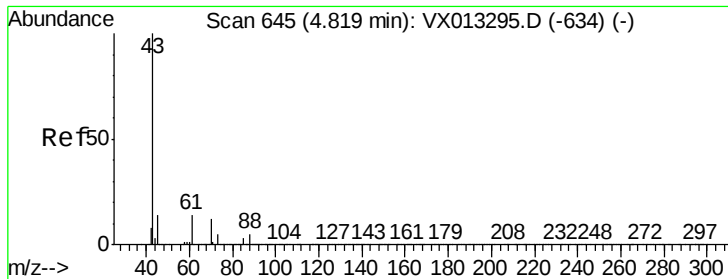
Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion:	75	Resp:	191098
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	31.4	25.0	37.4





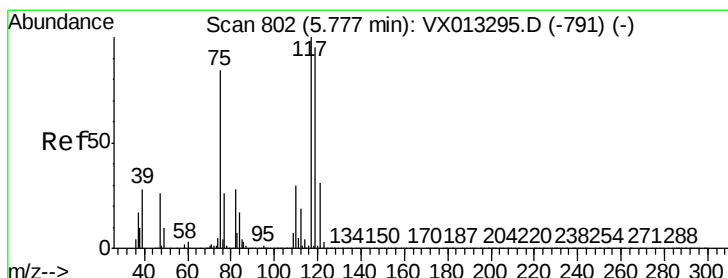
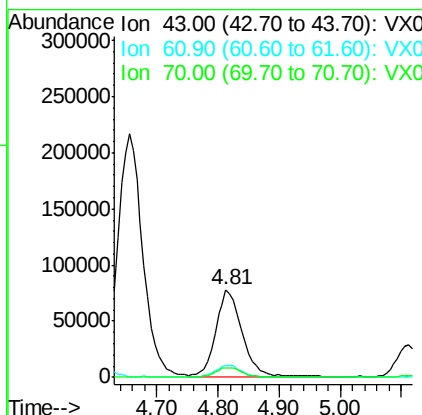
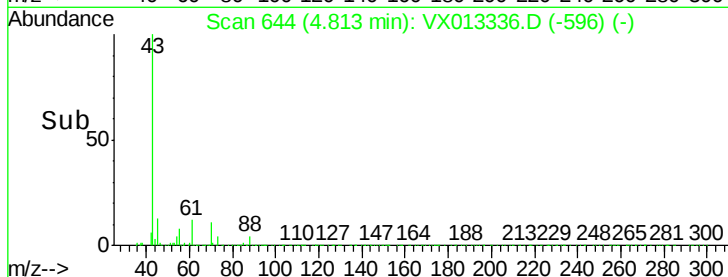
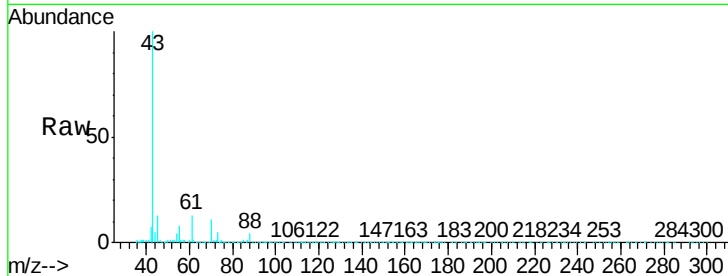
#37
Ethyl Acetate
Concen: 19.686 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	11.0	8.7	13.1

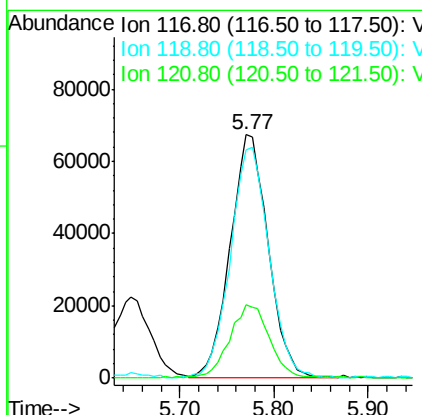
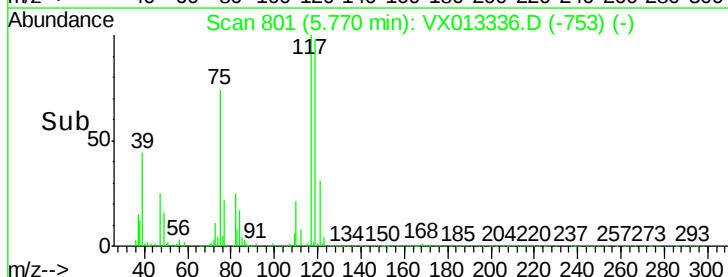
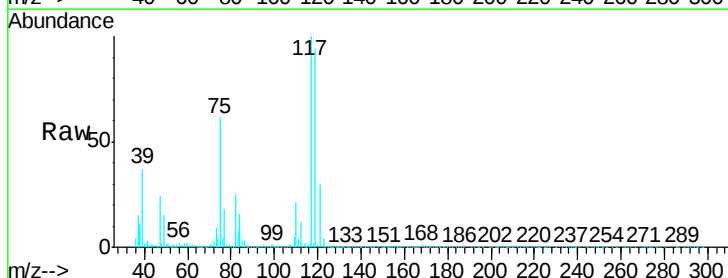
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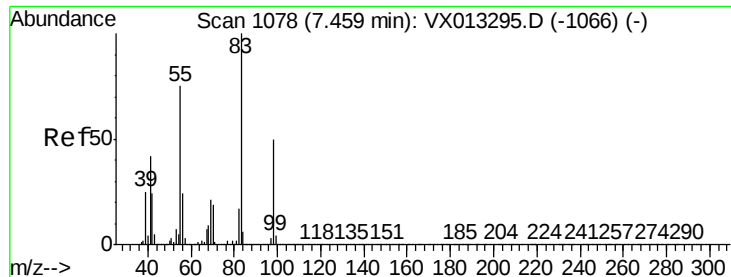
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#38
Carbon Tetrachloride
Concen: 20.250 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.1	114.1
121	30.0	24.6	37.0





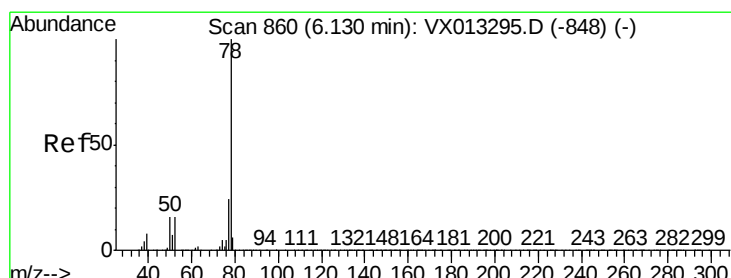
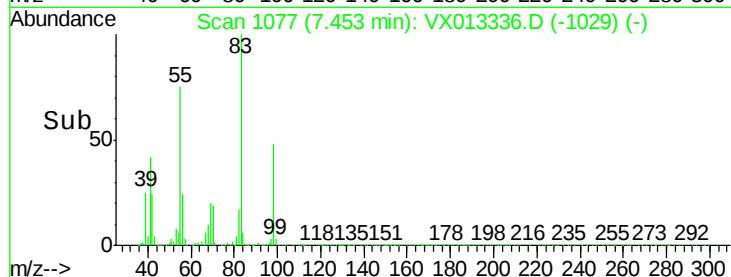
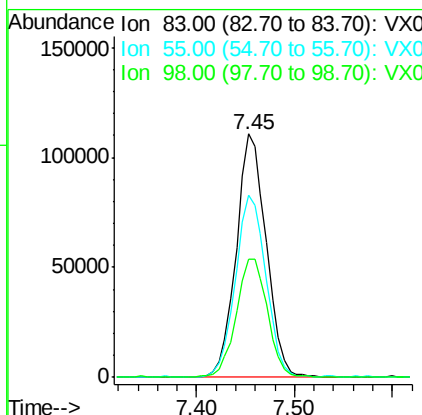
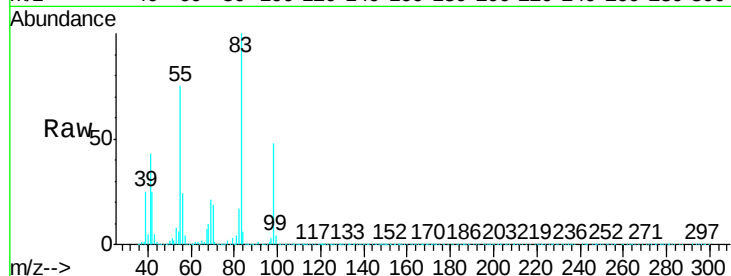
#39
Methylcyclohexane
Concen: 19.871 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.3	90.5
98	48.1	40.3	60.5

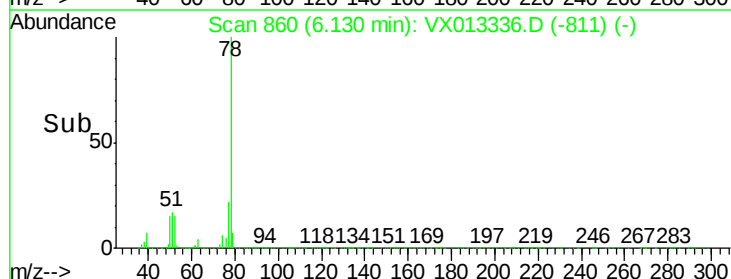
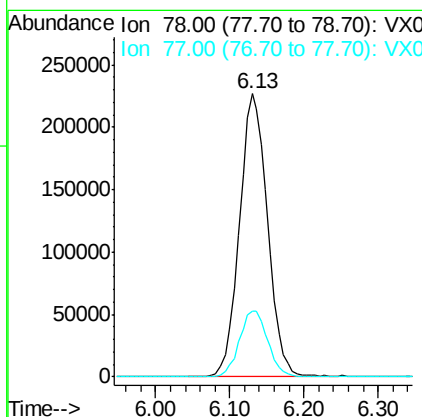
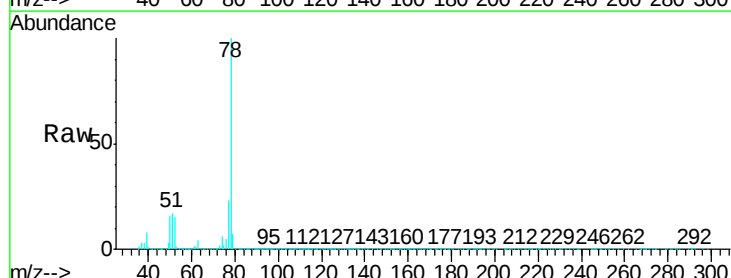
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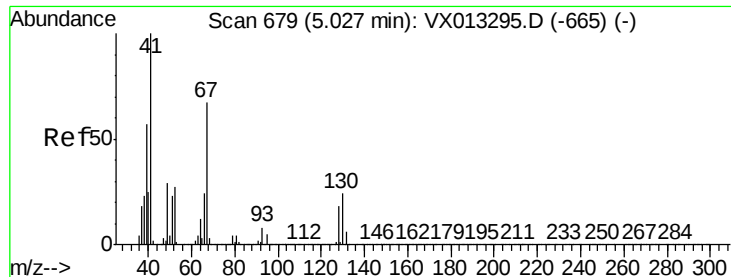
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#40
Benzene
Concen: 20.200 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.5	29.3





#41

Methacrylonitrile

Concen: 19.172 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

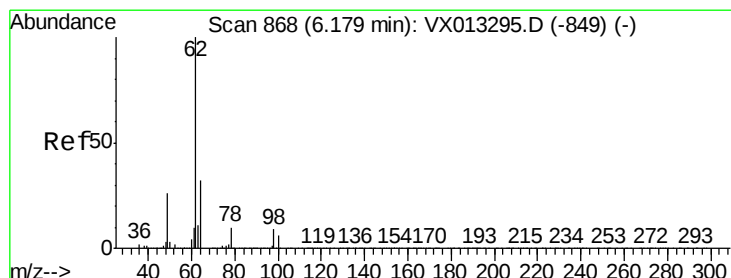
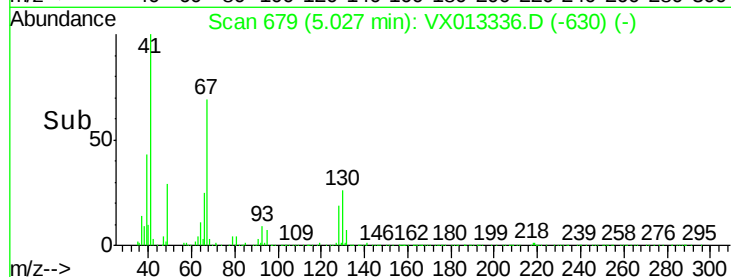
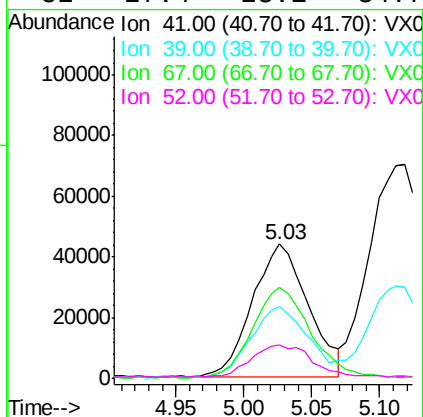
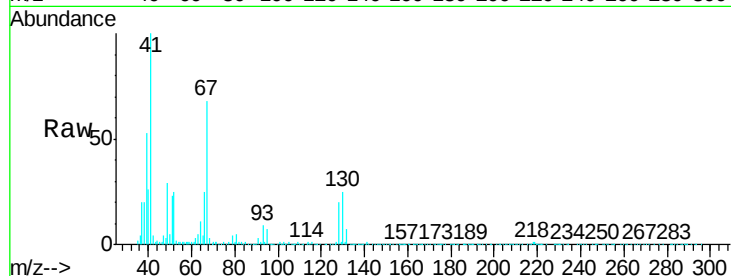
ClientSampleId :

VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.5	45.0	67.6
67	70.5	55.4	83.2
52	27.4	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.373 ug/l

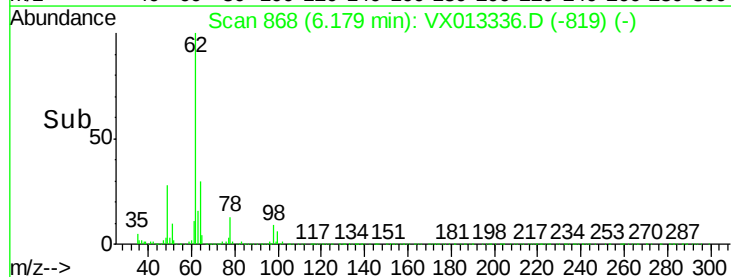
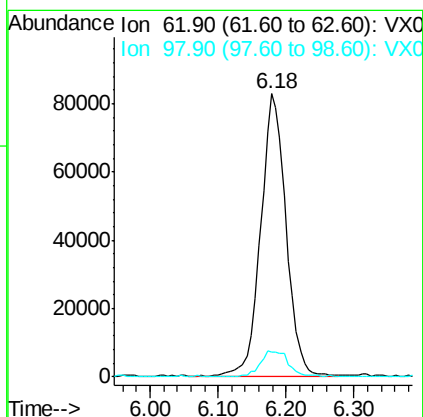
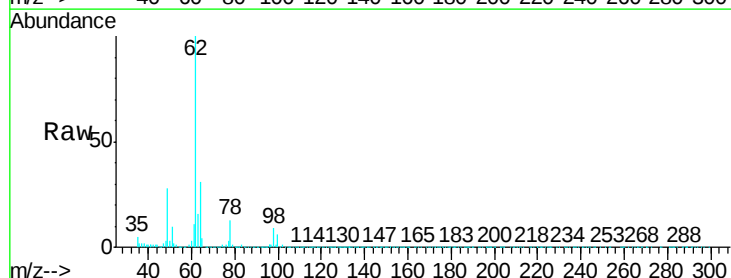
RT: 6.18 min Scan# 868

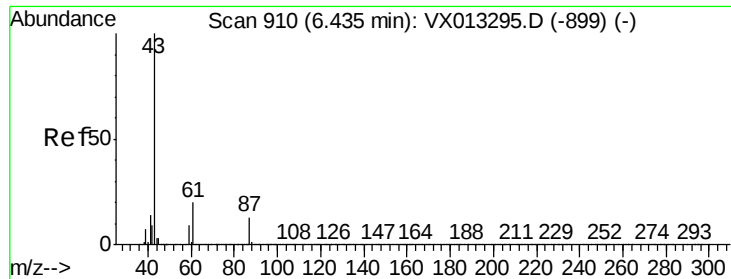
Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.740 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

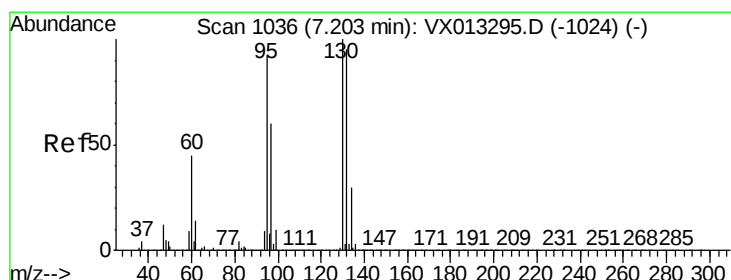
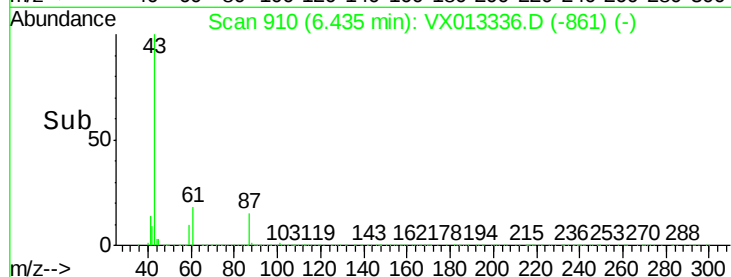
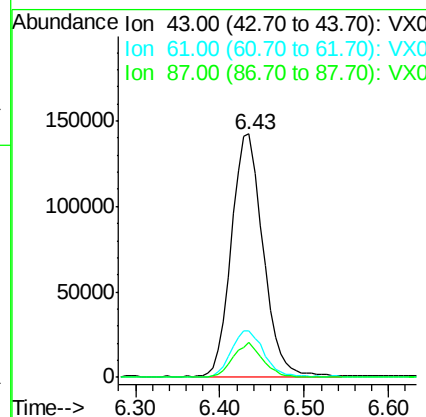
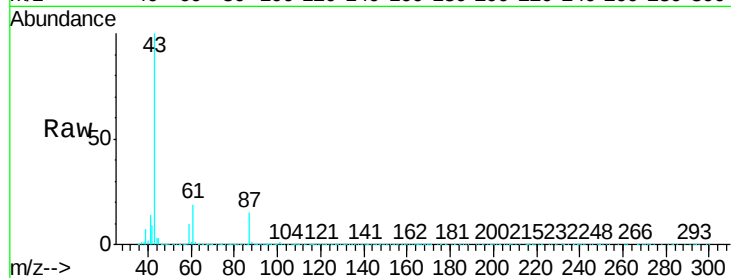
ClientSampleId :

VX1106WBS01

Tgt Ion:	43	Resp:	361011
Ion Ratio		Lower	Upper
43	100		
61	19.6	15.8	23.8
87	13.4	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 19.302 ug/l

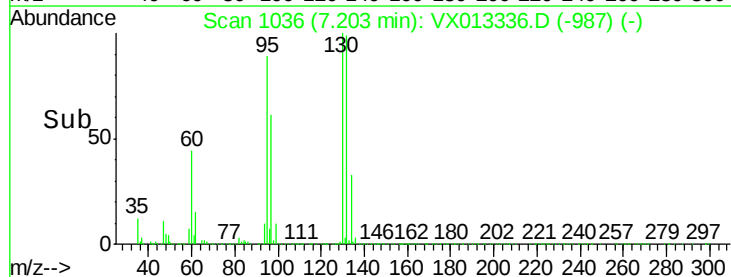
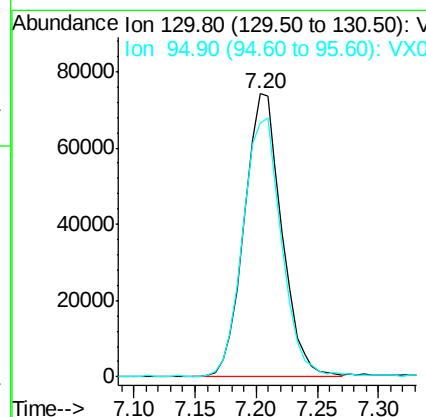
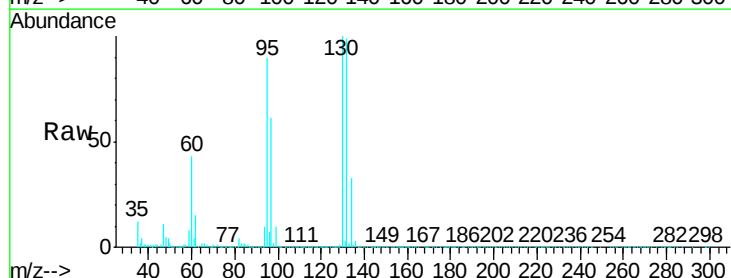
RT: 7.20 min Scan# 1036

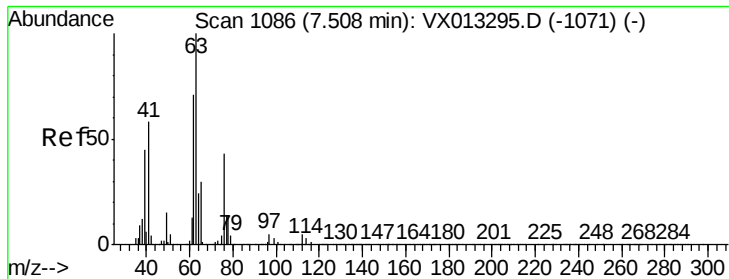
Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion:	130	Resp:	157307
Ion Ratio		Lower	Upper
130	100		
95	89.5	0.0	184.8





#45

1,2-Dichloropropane

Concen: 20.332 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 63 Resp: 153376

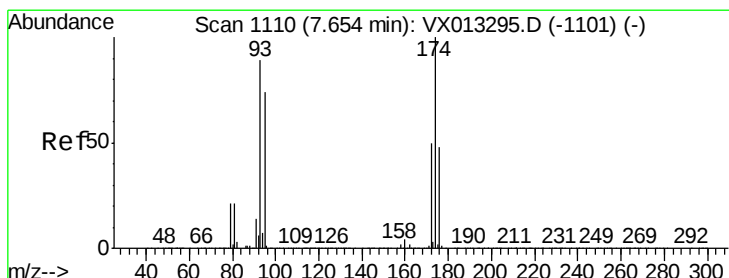
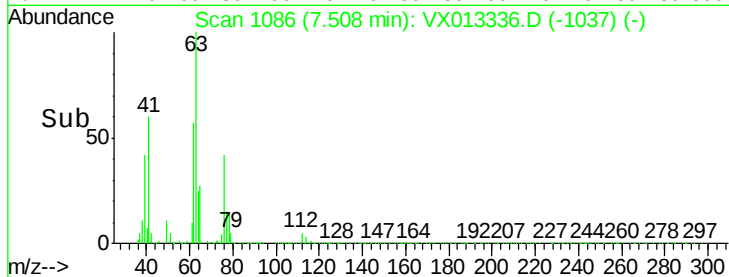
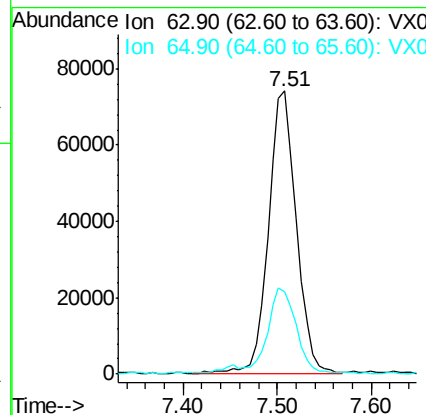
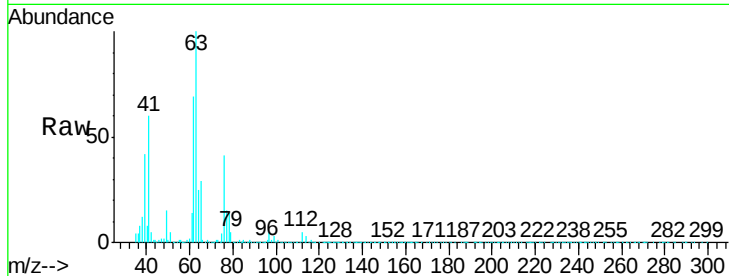
Ion Ratio Lower Upper

63 100

65 28.8 24.3 36.5

Manual Integrations
APPROVED

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11/7/2019 9:17:06 AM



#46

Dibromomethane

Concen: 19.366 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

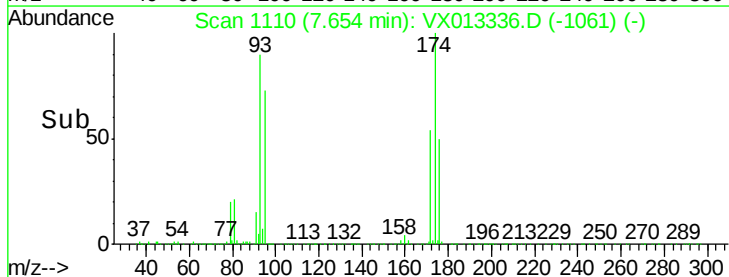
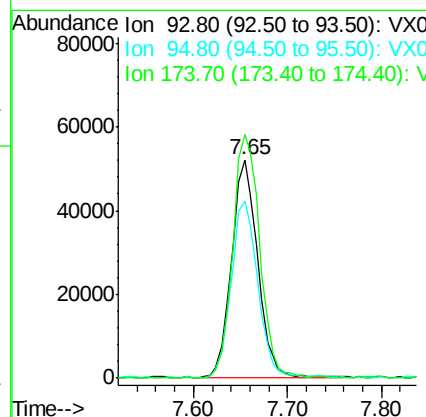
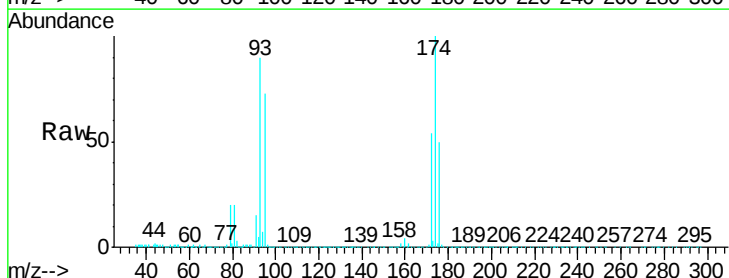
Tgt Ion: 93 Resp: 99745

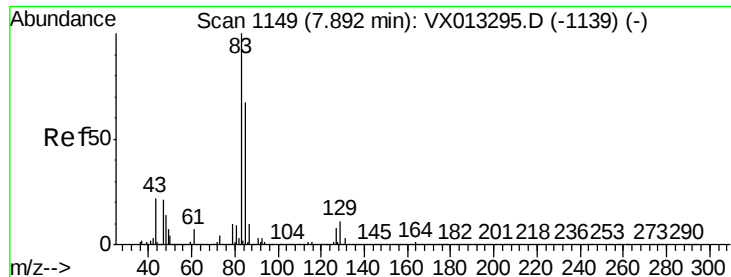
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 116.1 90.4 135.6





#47

Bromodichloromethane

Concen: 20.346 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

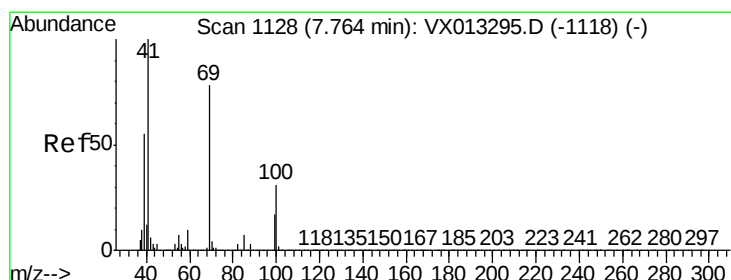
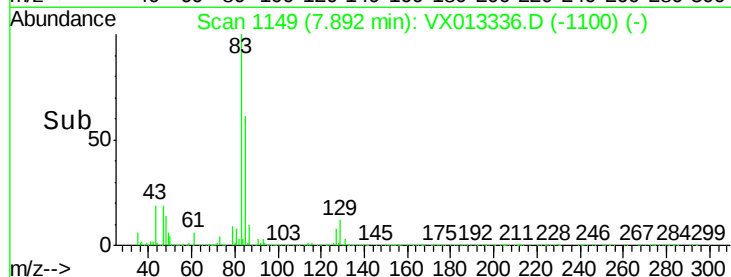
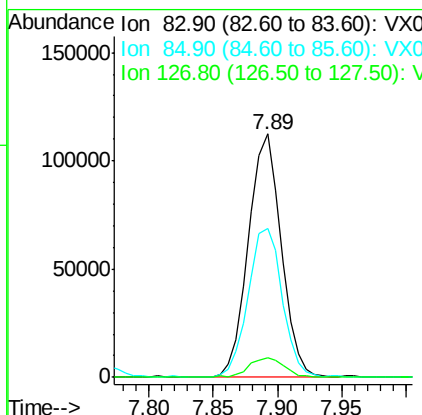
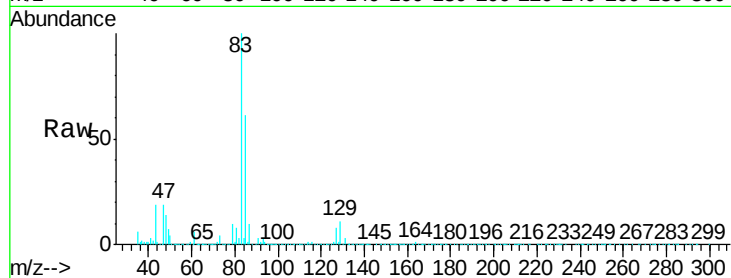
ClientSampleId :

VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	53.7	80.5
127	8.2	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.681 ug/l

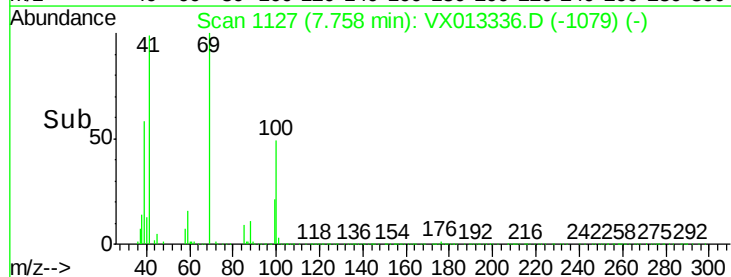
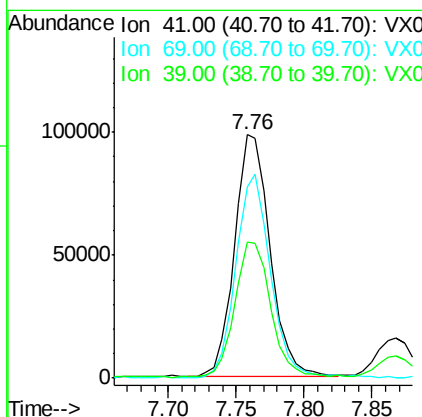
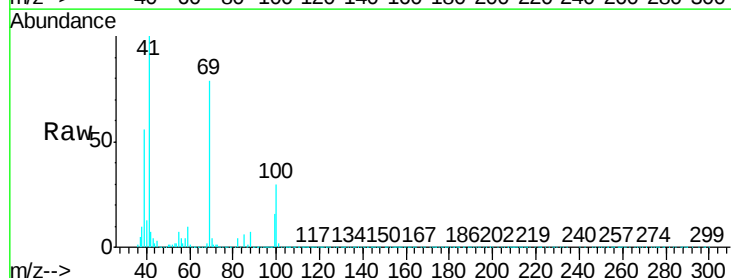
RT: 7.76 min Scan# 1127

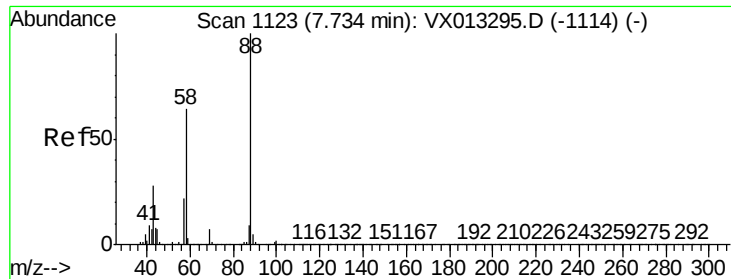
Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.5	63.0	94.6
39	56.7	45.9	68.9





#49

1,4-Dioxane

Concen: 372.900 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

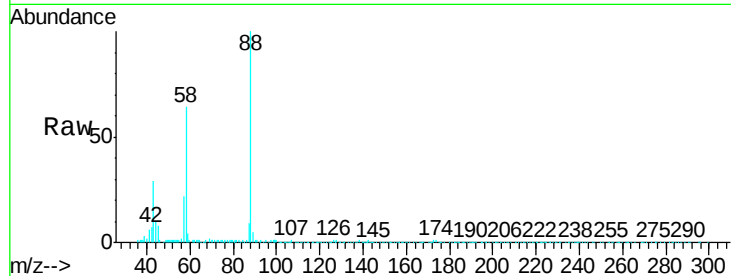
ClientSampleId :

VX1106WBS01

Tgt Ion:	88	Resp:	77960
Ion	Ratio	Lower	Upper
88	100		
43	32.1	26.6	39.8
58	68.0	55.0	82.6

Manual Integrations
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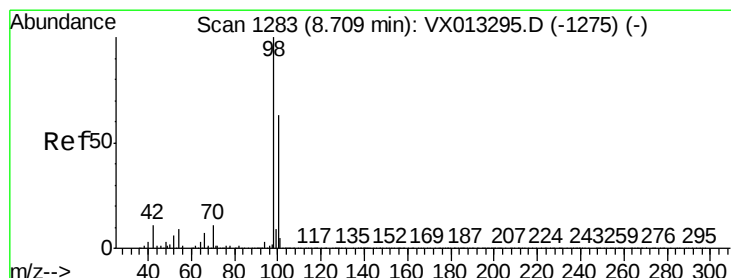
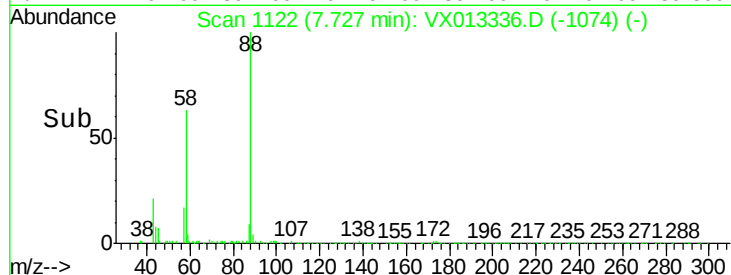
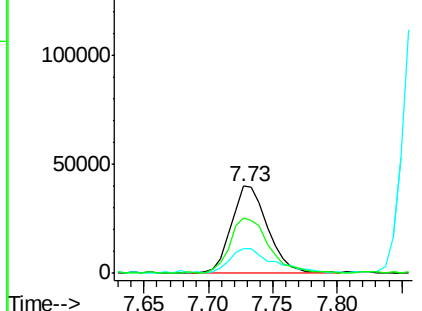
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Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.152 ug/l

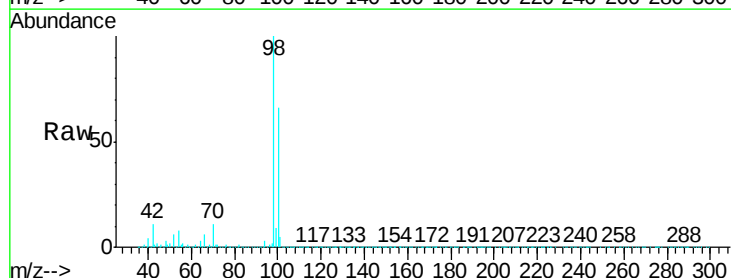
RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013336.D

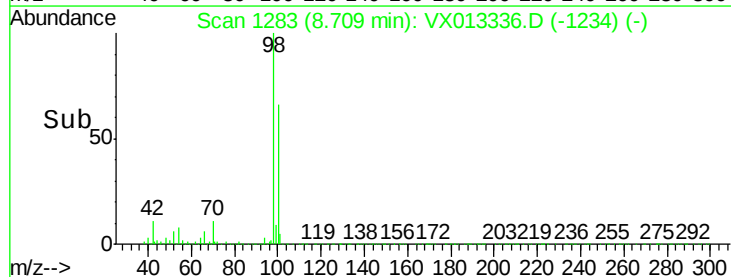
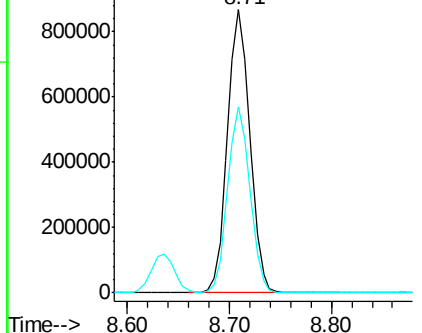
Acq: 06 Nov 2019 11:55

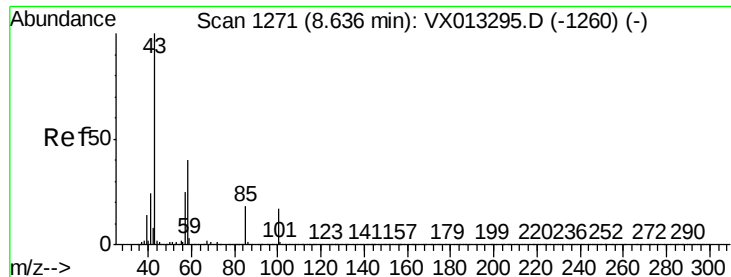
Tgt Ion:	98	Resp:	1313820
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





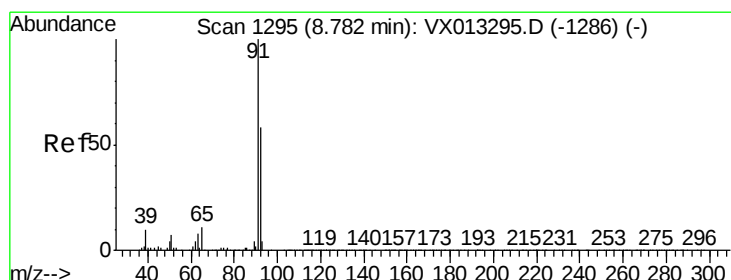
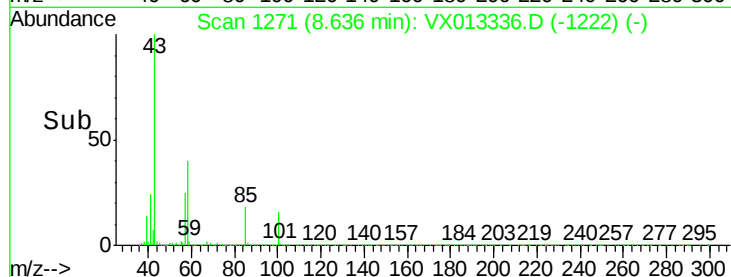
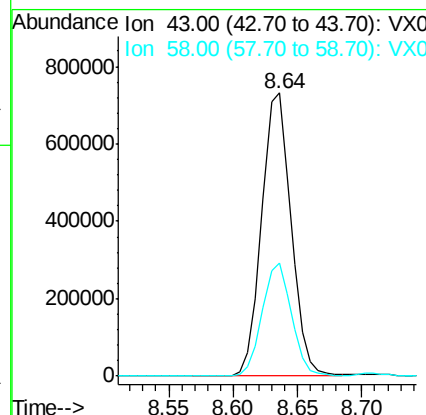
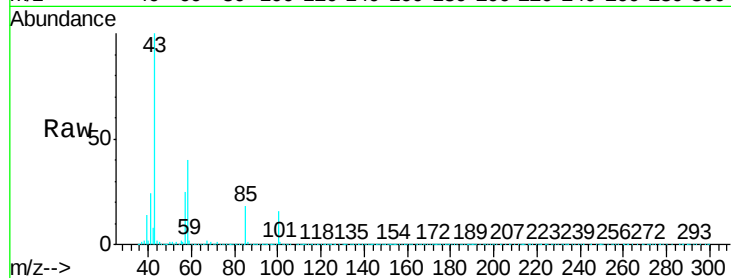
#51
4-Methyl-2-Pentanone
Concen: 96.249 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion: 43 Resp: 1154855
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.0

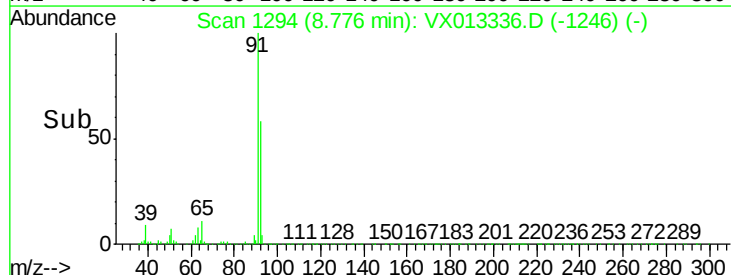
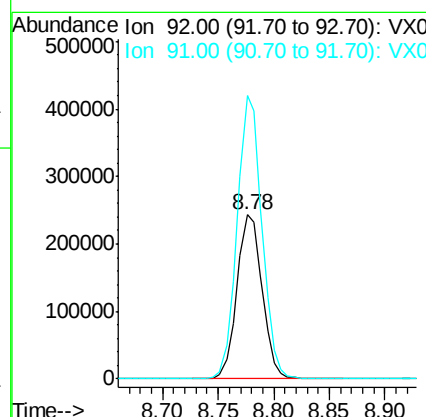
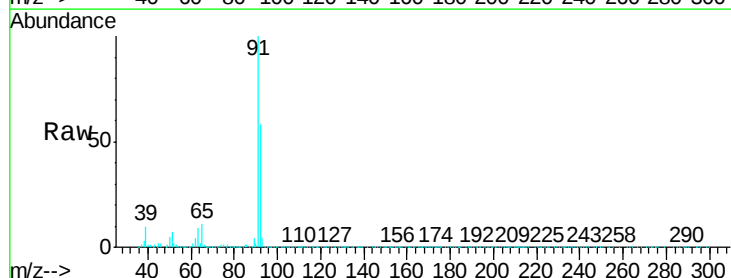
Manual Integrations
APPROVED

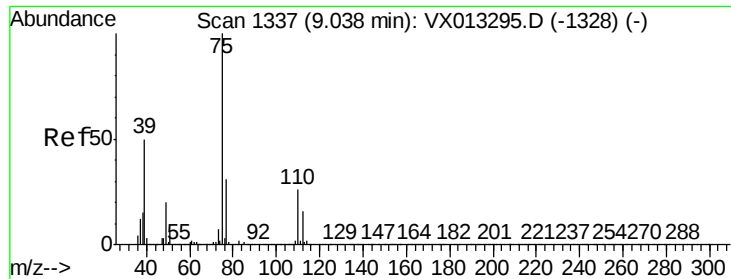
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11/7/2019 9:17:06 AM



#52
Toluene
Concen: 20.661 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 92 Resp: 379121
Ion Ratio Lower Upper
92 100
91 170.3 138.0 207.0





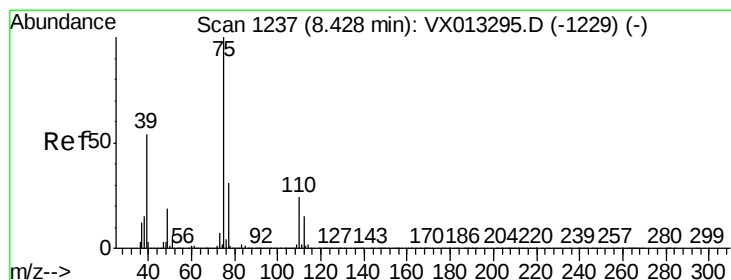
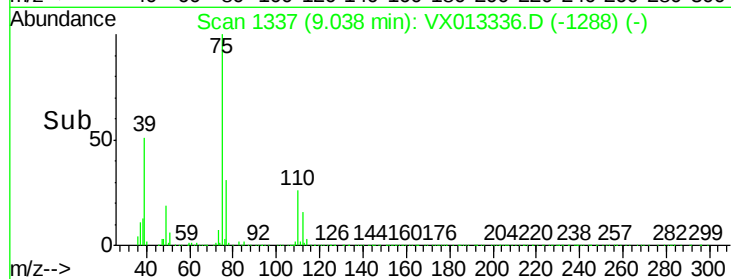
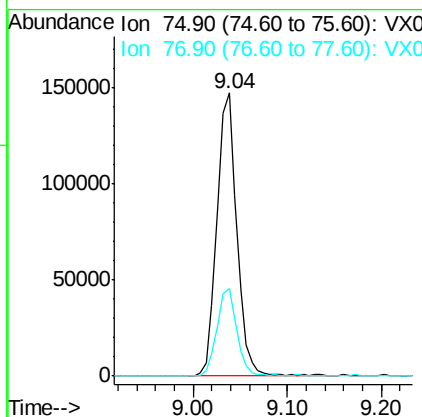
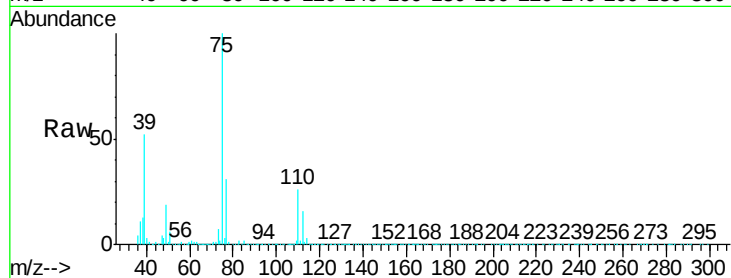
#53
t-1,3-Dichloropropene
Concen: 20.314 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion: 75 Resp: 215745
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4

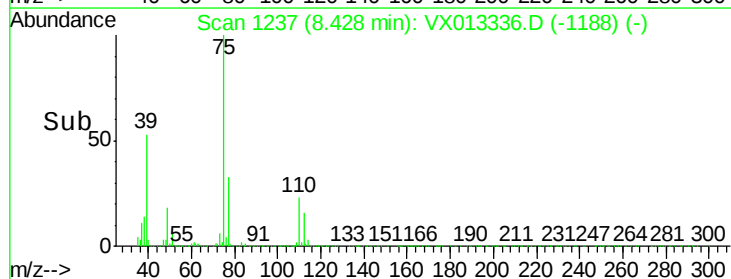
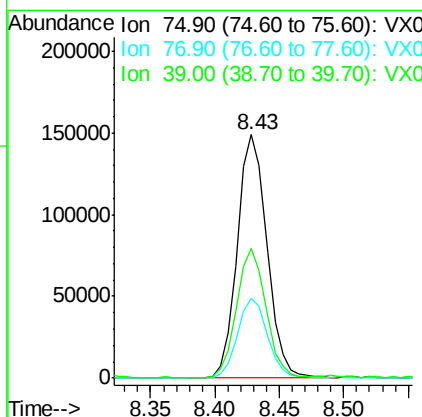
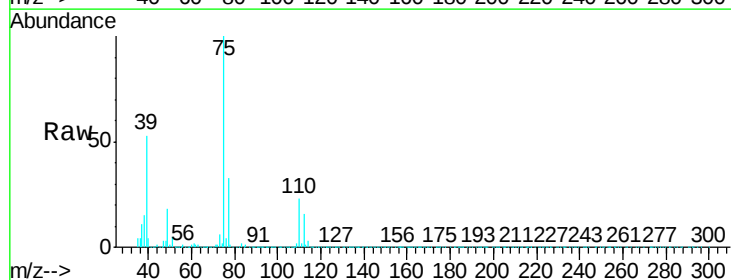
Manual Integrations
APPROVED

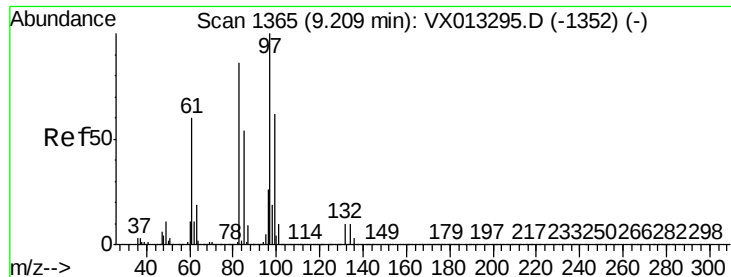
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.910 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 75 Resp: 236529
Ion Ratio Lower Upper
75 100
77 32.5 24.7 37.1
39 52.9 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 20.261 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

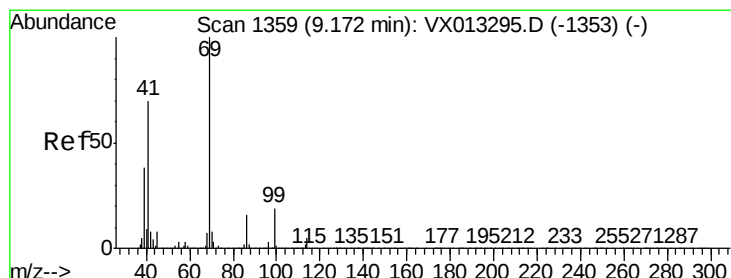
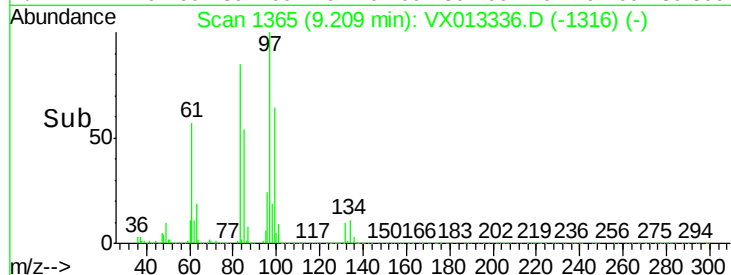
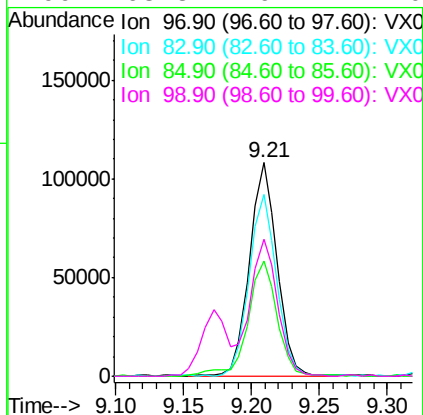
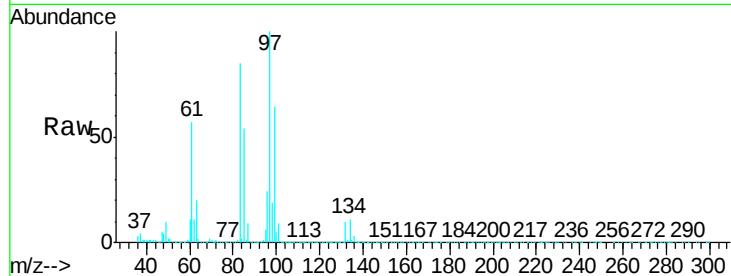
ClientSampleId :

VX1106WBS01

Tgt Ion:	97	Resp:	154098
Ion Ratio	Lower	Upper	
97	100		
83	84.9	68.6	103.0
85	53.7	43.1	64.7
99	63.8	49.4	74.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.431 ug/l

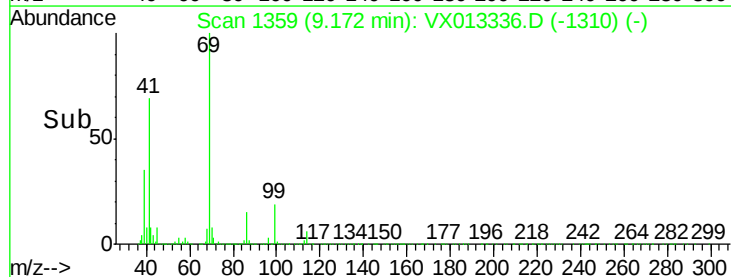
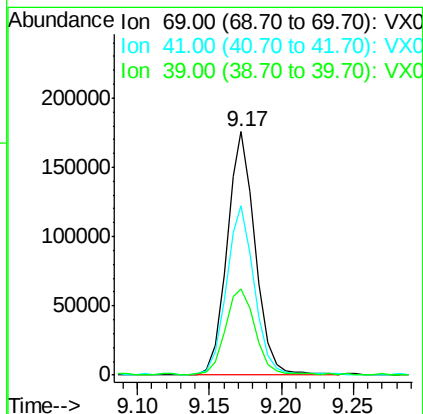
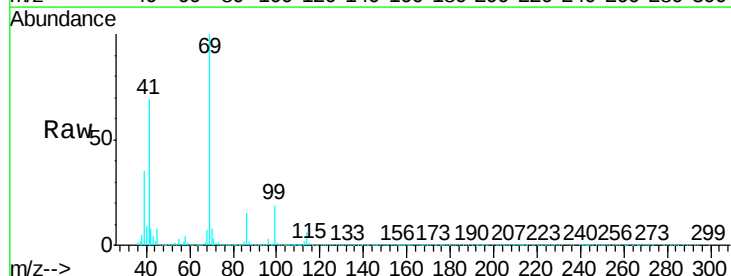
RT: 9.17 min Scan# 1359

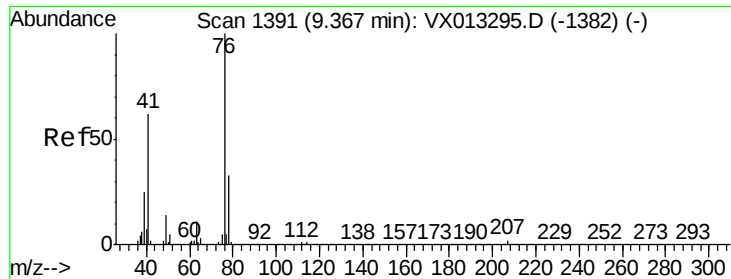
Delta R.T. 0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion:	69	Resp:	239494
Ion Ratio	Lower	Upper	
69	100		
41	68.8	56.2	84.2
39	37.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.154 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 76 Resp: 260207

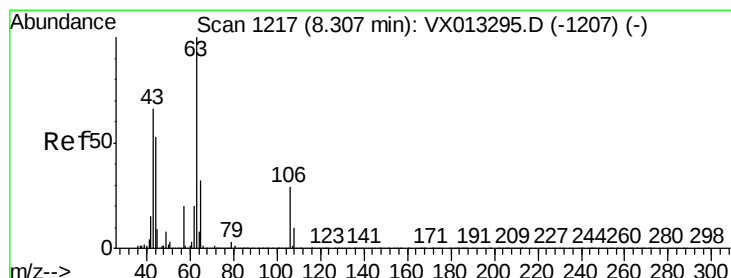
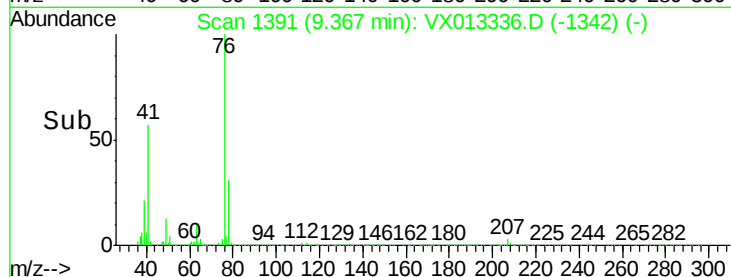
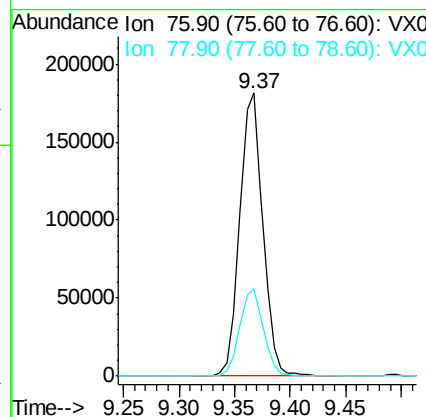
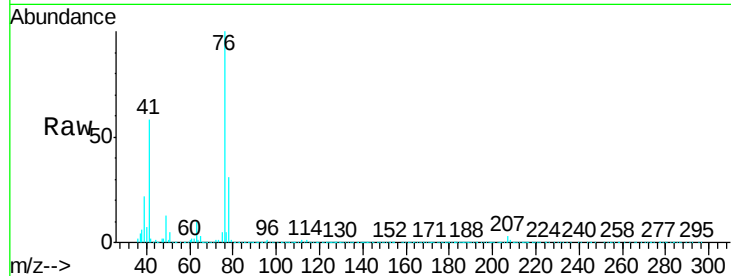
Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 96.420 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013336.D

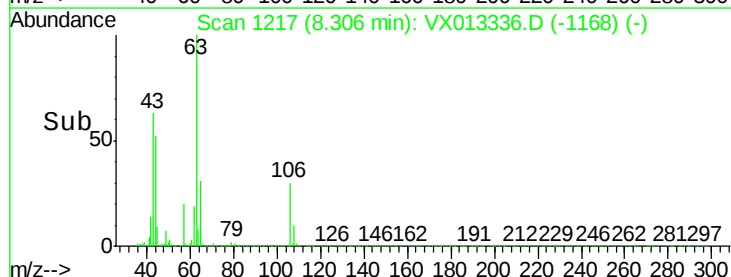
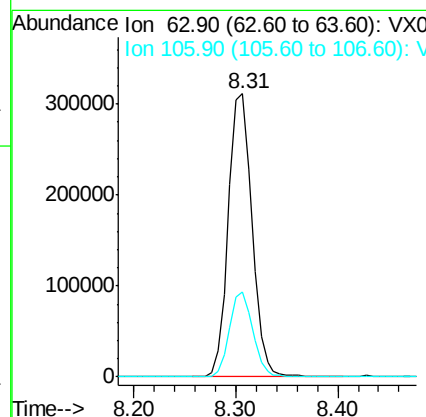
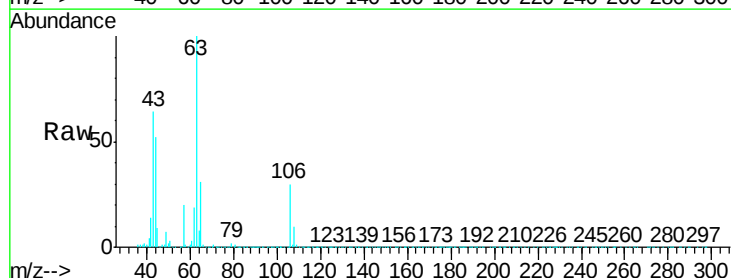
Acq: 06 Nov 2019 11:55

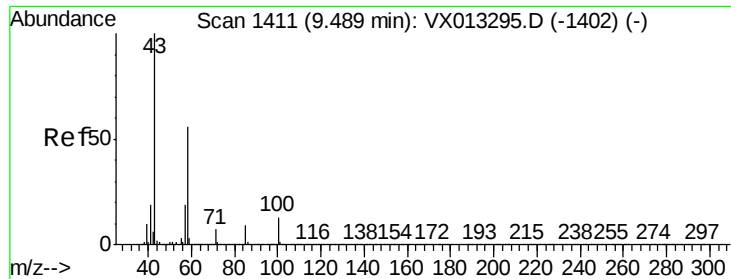
Tgt Ion: 63 Resp: 501428

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





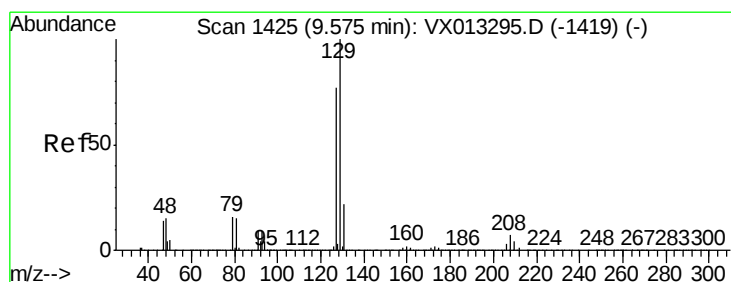
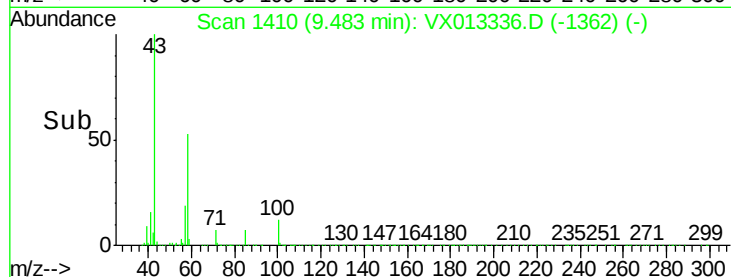
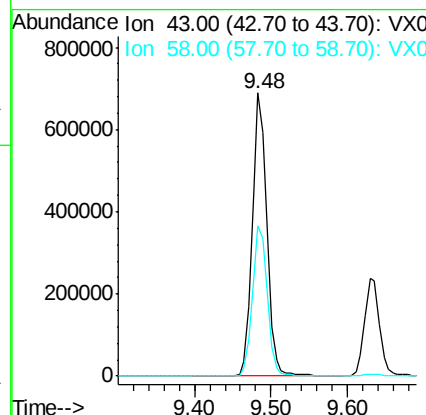
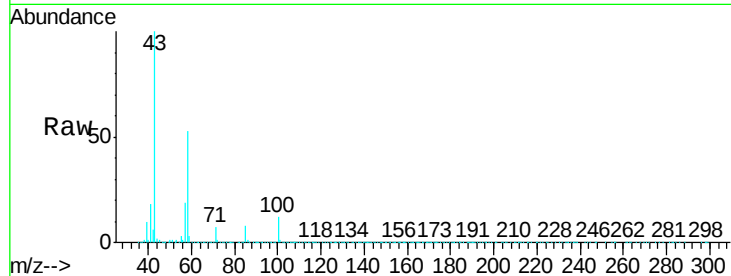
#59
2-Hexanone
Concen: 97.750 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion: 43 Resp: 906364
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

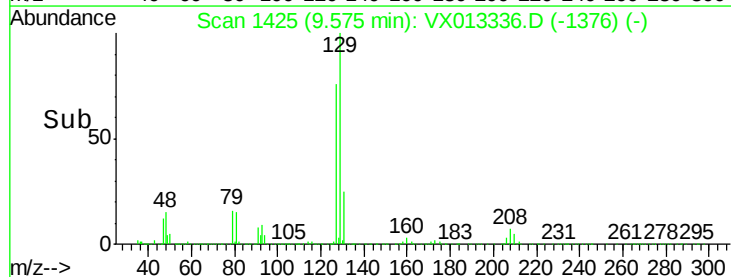
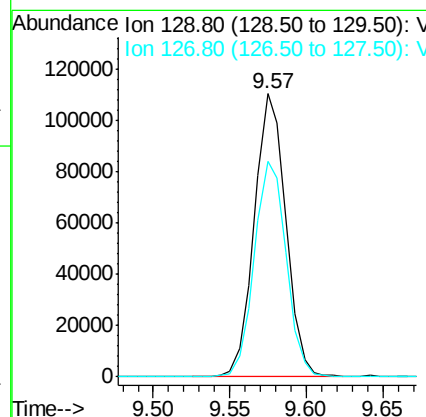
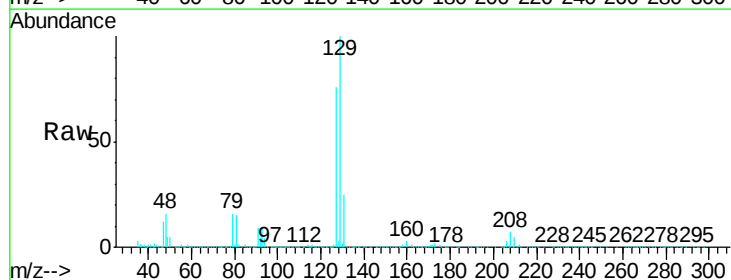
Manual Integrations
APPROVED

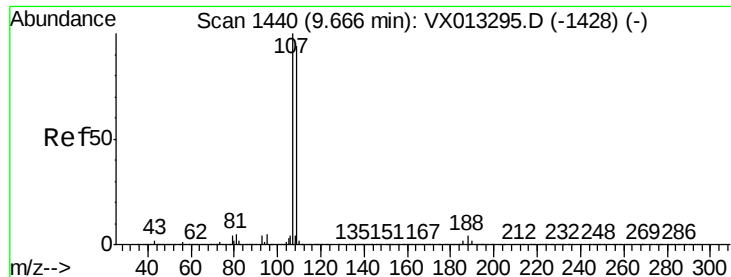
MMDadoda
11/7/2019 9:17:06 AM



#60
Dibromochloromethane
Concen: 20.392 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion: 129 Resp: 158620
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.845 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 107 Resp: 160277

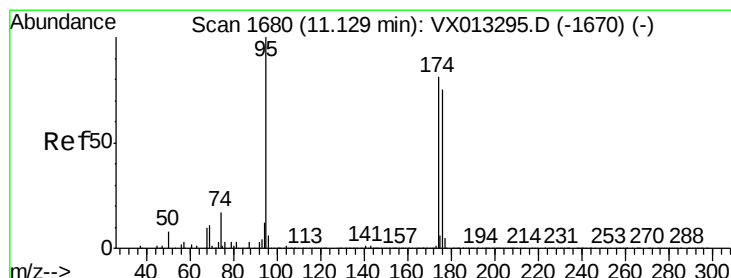
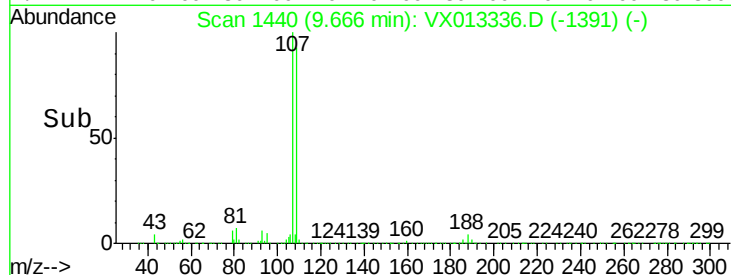
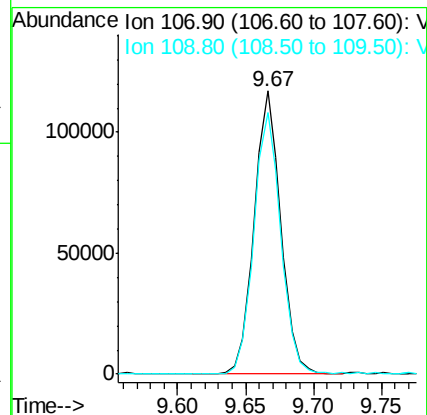
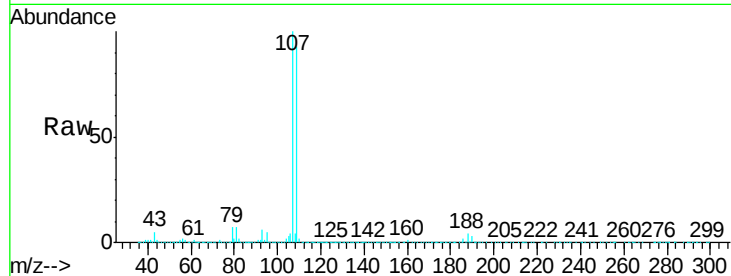
Ion Ratio Lower Upper

107 100

109 93.4 75.1 112.7

Manual Integrations
APPROVED

MMDadoda
11/7/2019 9:17:06 AM



#62

4-Bromofluorobenzene

Concen: 48.648 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

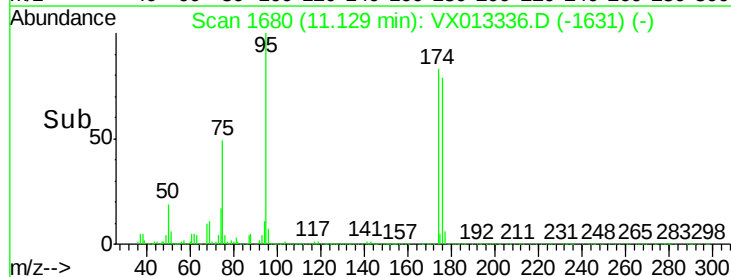
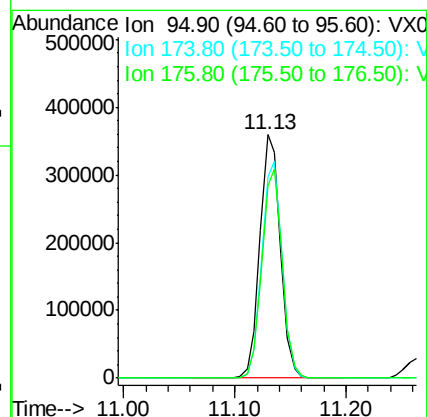
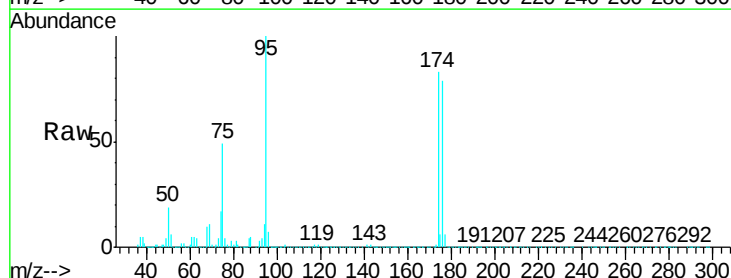
Tgt Ion: 95 Resp: 459949

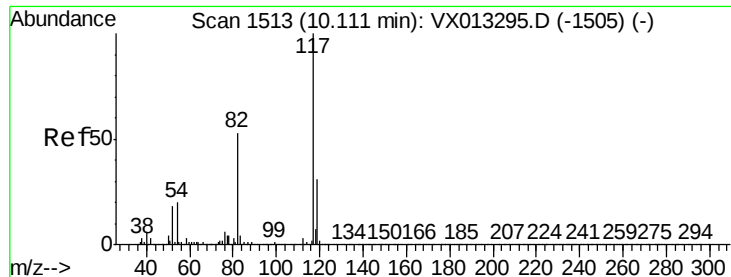
Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.8

176 86.6 0.0 173.0





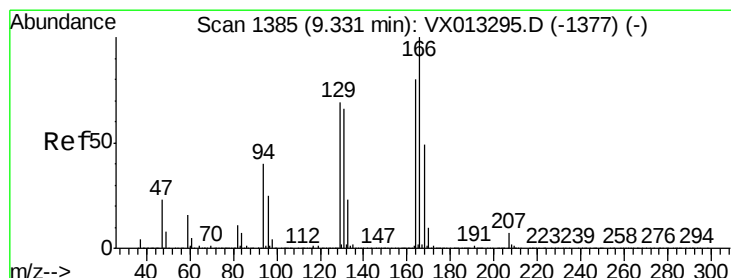
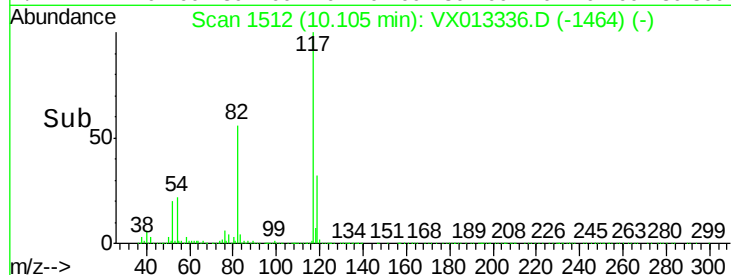
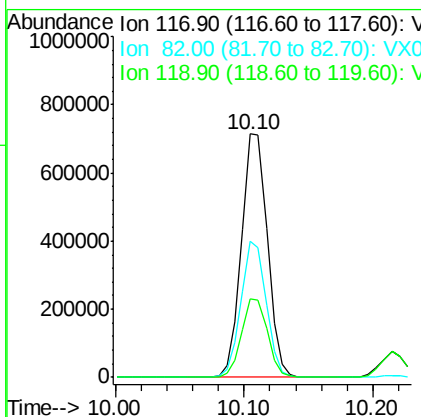
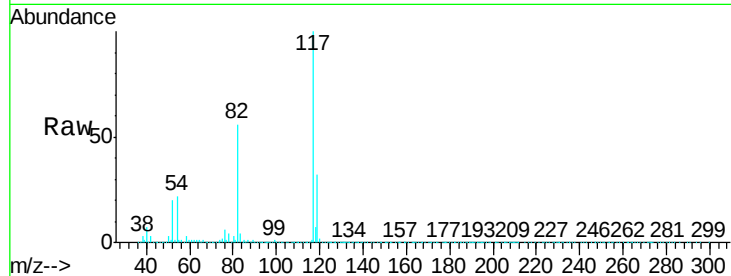
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.6	42.6	64.0
119	32.0	24.8	37.2

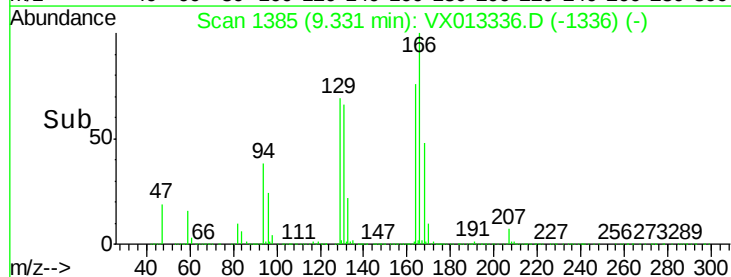
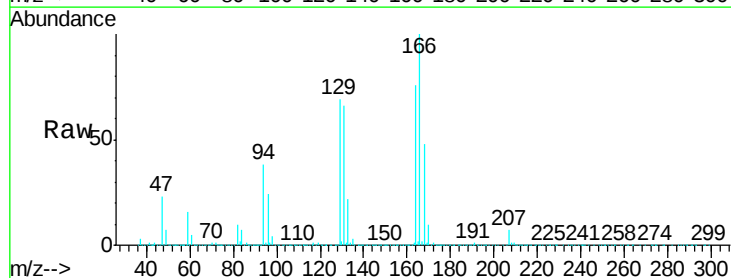
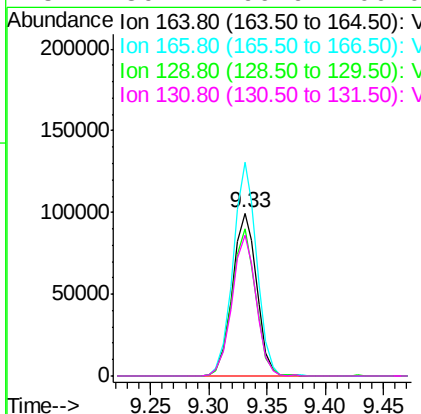
Manual Integrations
APPROVED

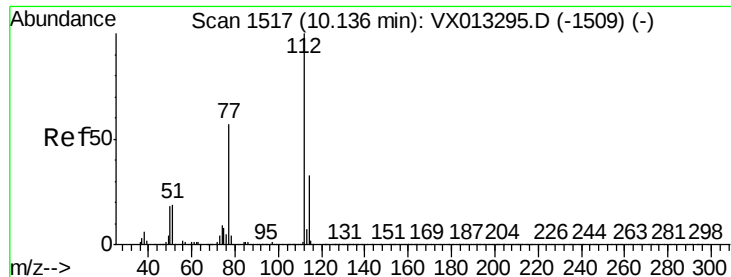
MMDadoda
11/7/2019 9:17:06 AM



#64
Tetrachloroethene
Concen: 20.368 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	131.1	100.4	150.6
129	90.6	69.4	104.2
131	86.2	66.6	100.0





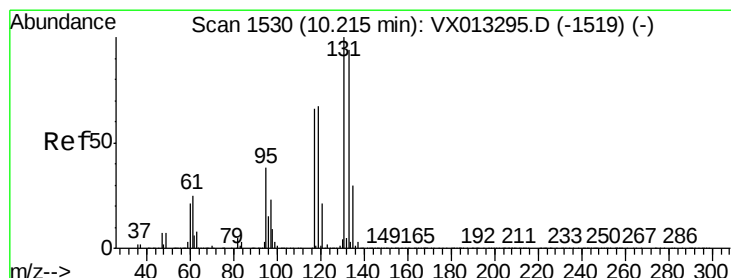
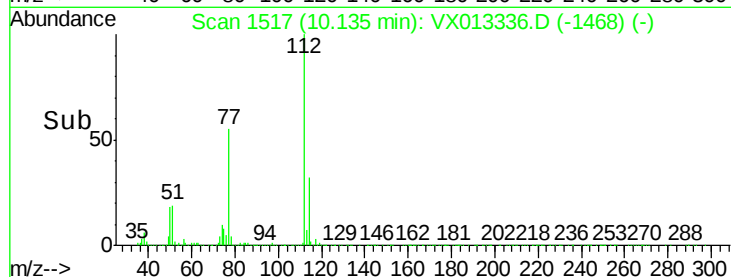
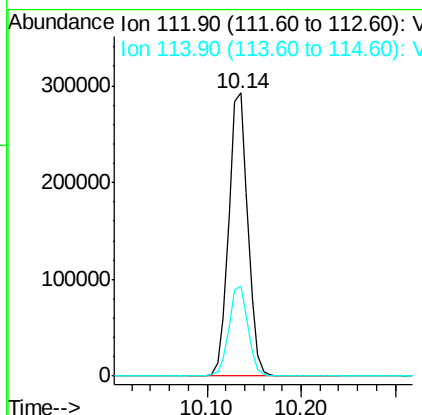
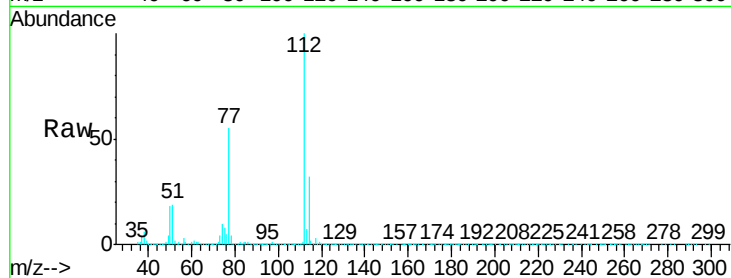
#65
Chlorobenzene
Concen: 20.403 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	410655		
114	31.7	26.4	39.6	

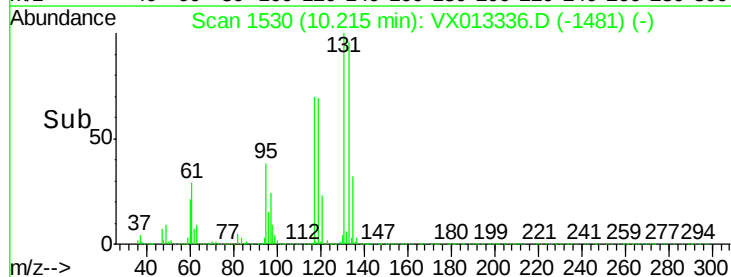
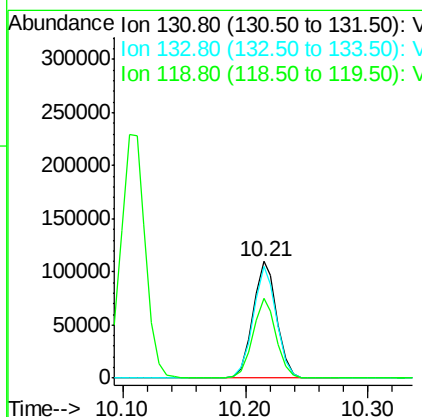
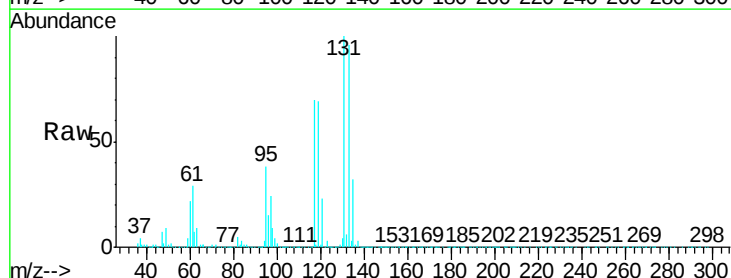
Manual Integrations
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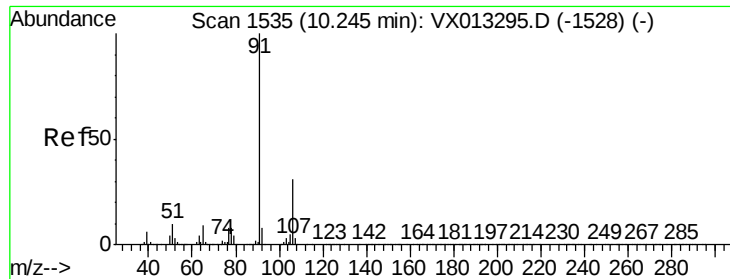
MMDadoda
11/7/2019 9:17:06 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.250 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	149653		
133	94.0	48.0	144.0	
119	66.4	33.0	99.0	





#67

Ethyl Benzene

Concen: 20.524 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 91 Resp: 712969

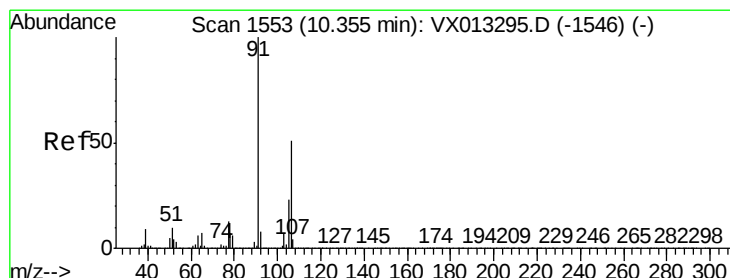
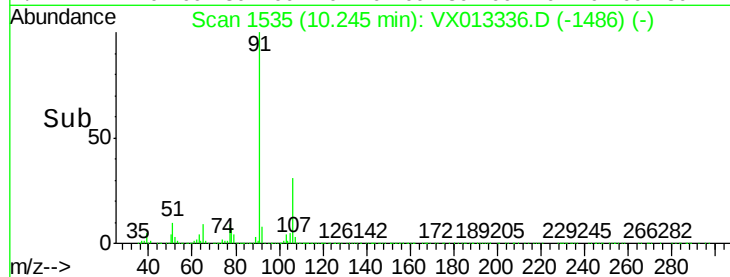
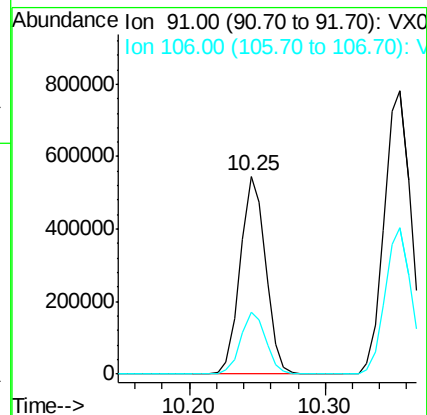
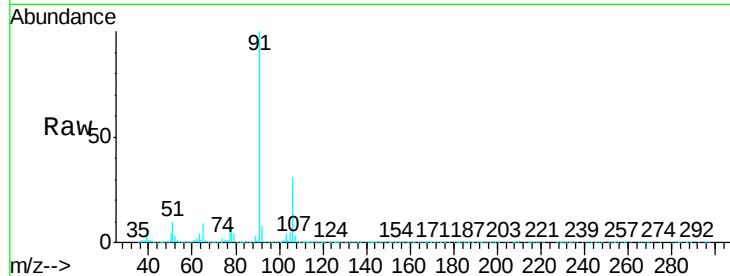
Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 41.157 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013336.D

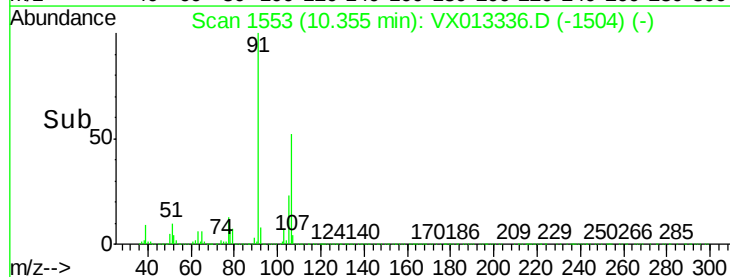
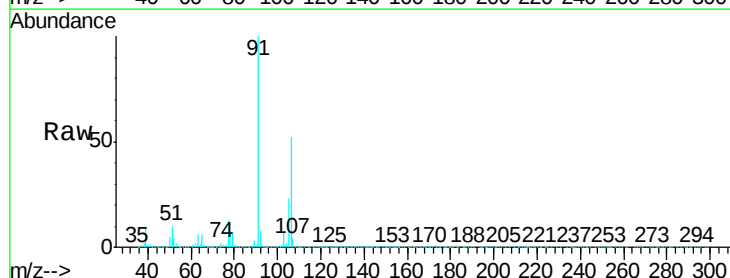
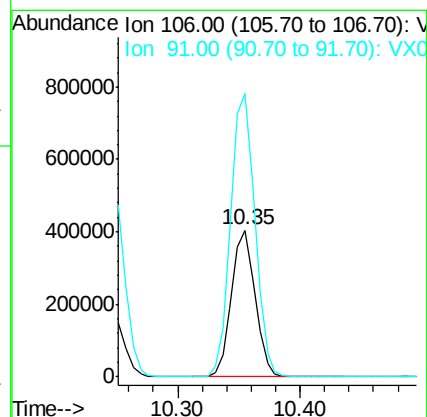
Acq: 06 Nov 2019 11:55

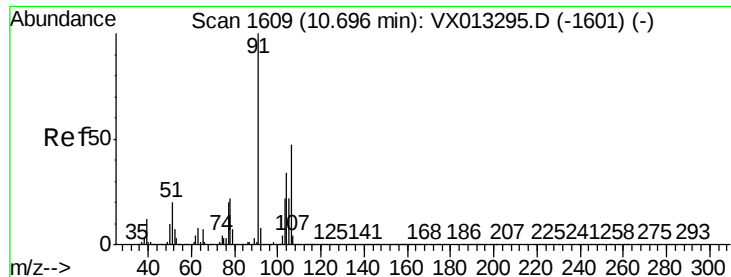
Tgt Ion: 106 Resp: 540708

Ion Ratio Lower Upper

106 100

91 197.9 159.3 238.9





#69

o-Xylene

Concen: 20.212 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion:106 Resp: 259969

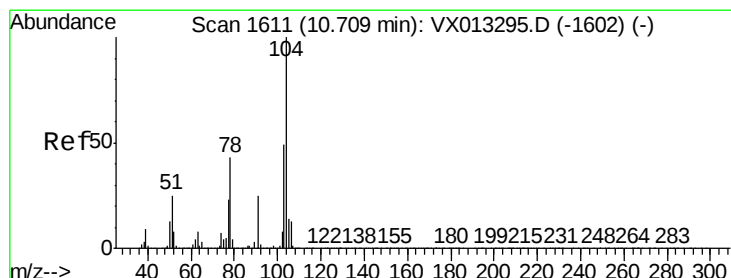
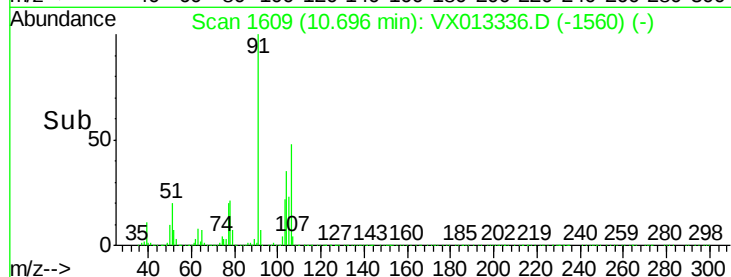
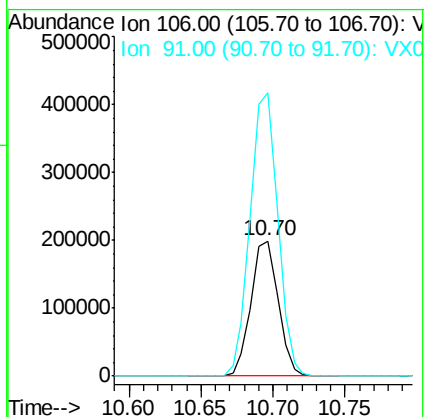
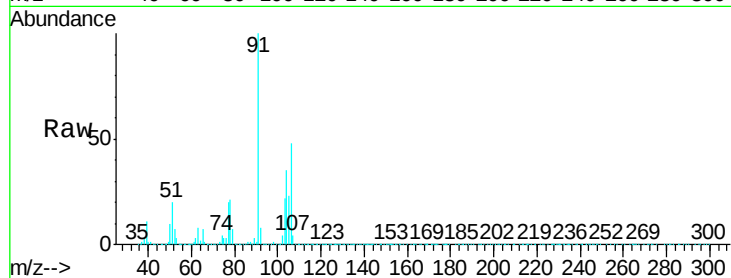
Ion Ratio Lower Upper

106 100

91 213.2 105.7 317.0

Manual Integrations
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#70

Styrene

Concen: 20.482 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

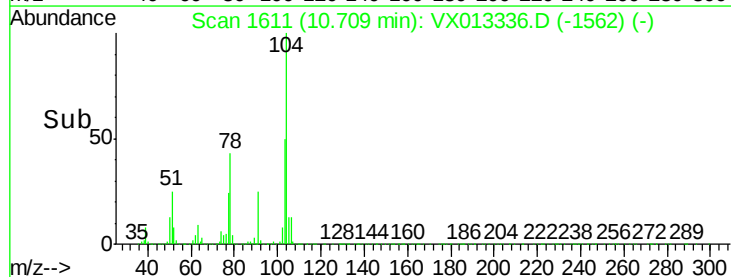
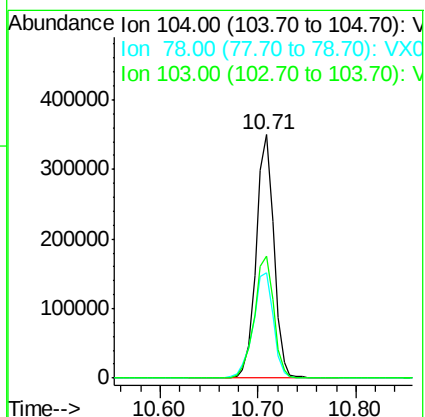
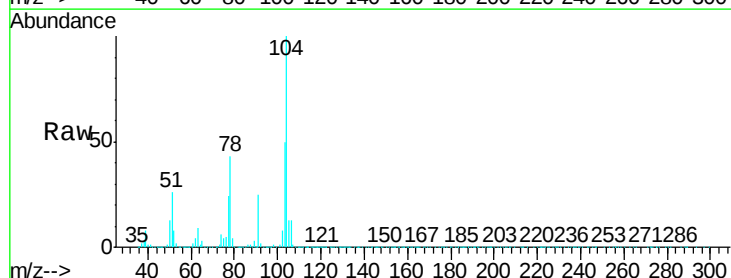
Tgt Ion:104 Resp: 440367

Ion Ratio Lower Upper

104 100

78 49.0 40.0 60.0

103 55.1 44.1 66.1





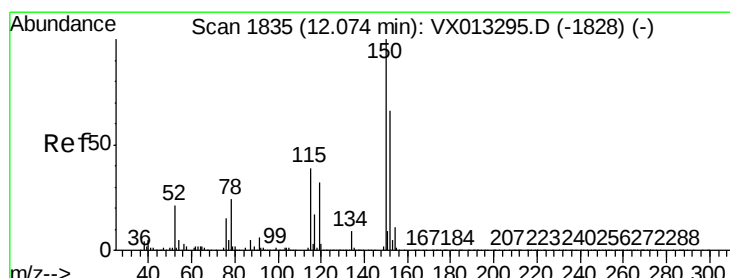
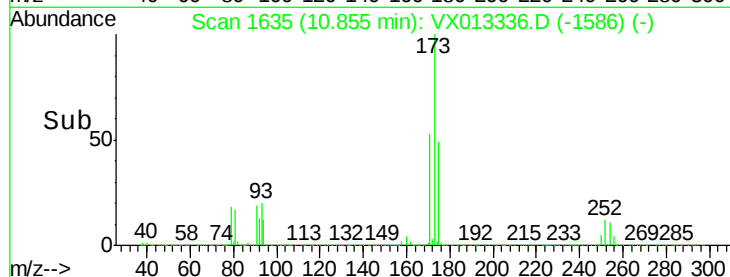
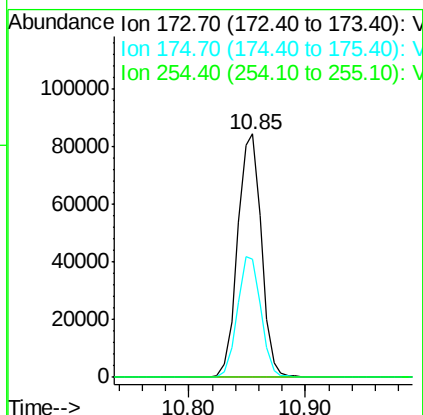
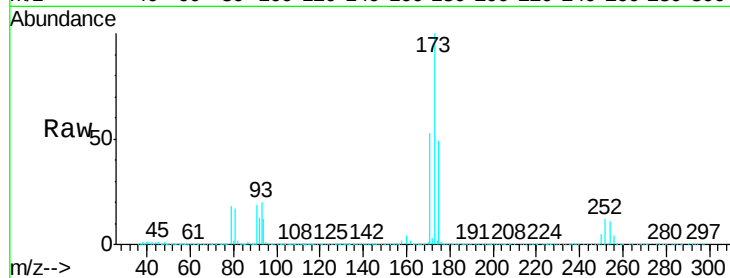
#71
Bromoform
Concen: 19.608 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
173	100		
175	49.2	24.8	74.4
254	0.1	0.2	0.2#

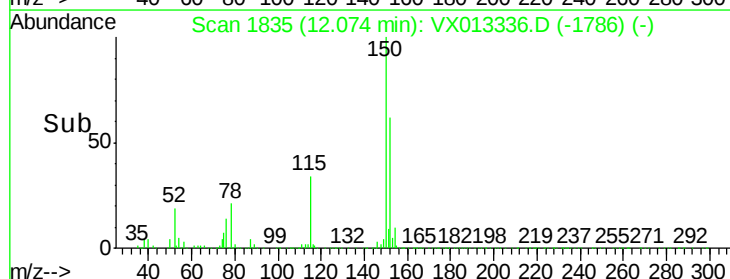
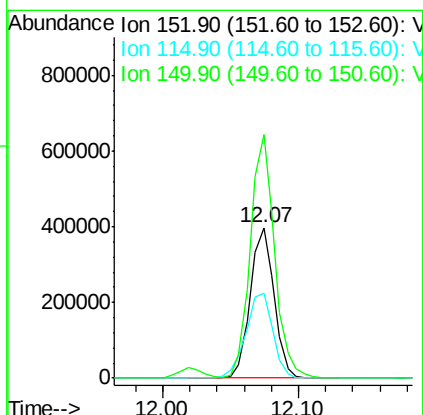
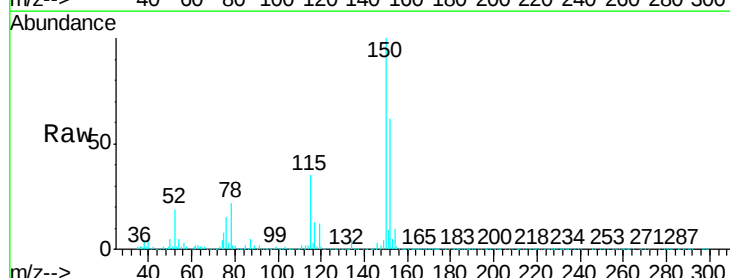
Manual Integrations
APPROVED

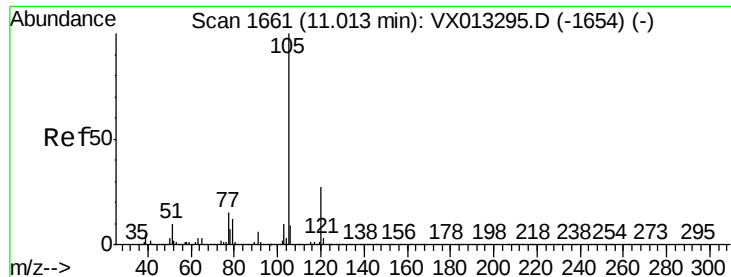
MMDadoda
11/7/2019 9:17:06 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
115	64.7	39.5	118.3
150	164.8	0.0	344.4





#73

Isopropylbenzene

Concen: 21.397 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 105 Resp: 691970

Ion Ratio Lower Upper

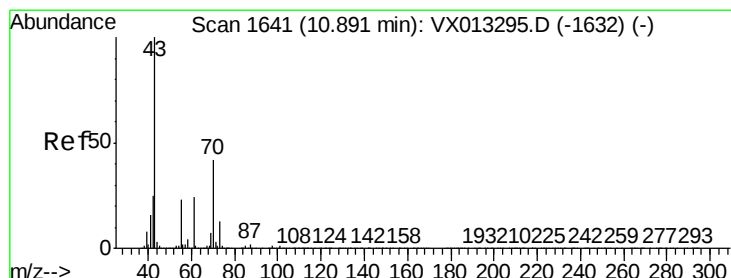
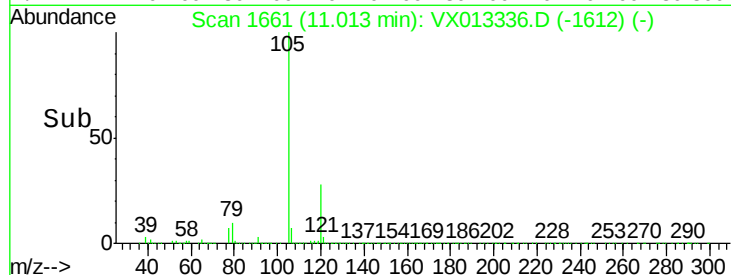
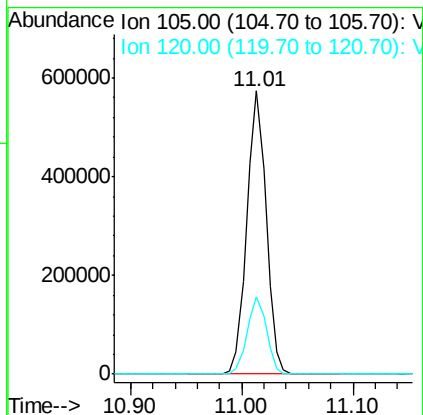
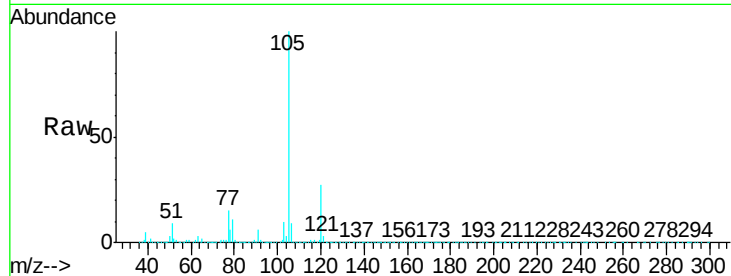
105 100

120 27.1

13.5 40.5

Manual Integrations
APPROVED

MMDadoda
11/7/2019 9:17:06 AM



#74

N-ethyl acetate

Concen: 20.937 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion: 43 Resp: 313985

Ion Ratio Lower Upper

43 100

70 43.2

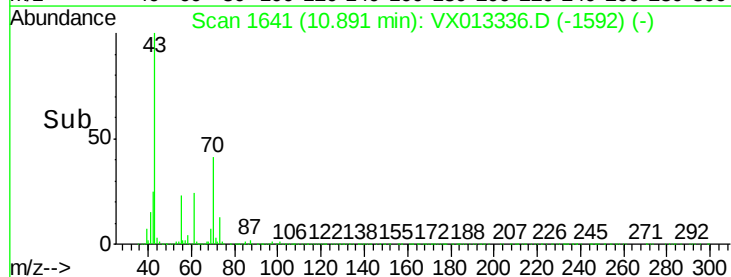
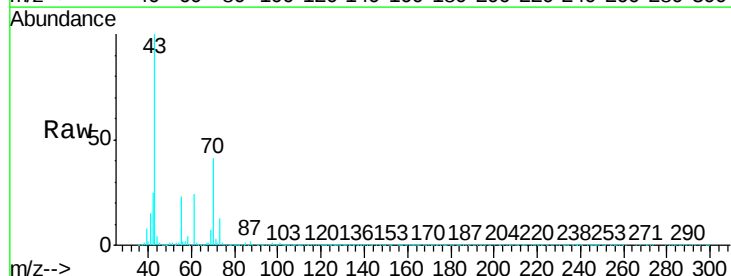
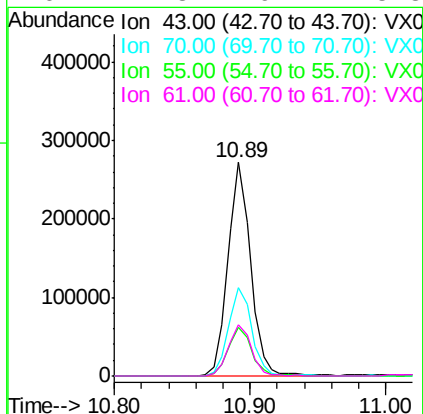
55 23.7

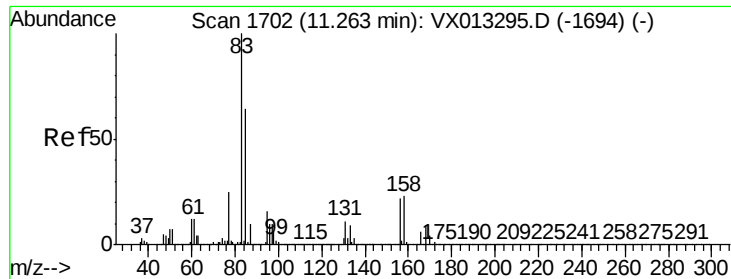
61 24.8

34.1 51.1

18.9 28.3

19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.611 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

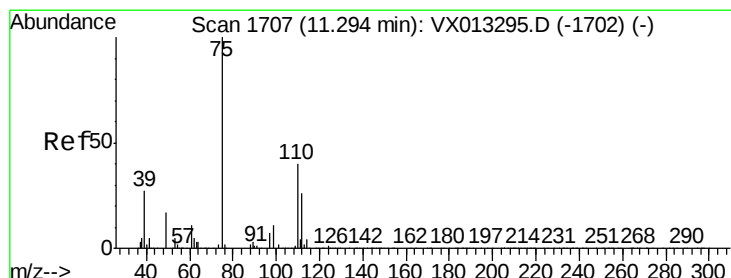
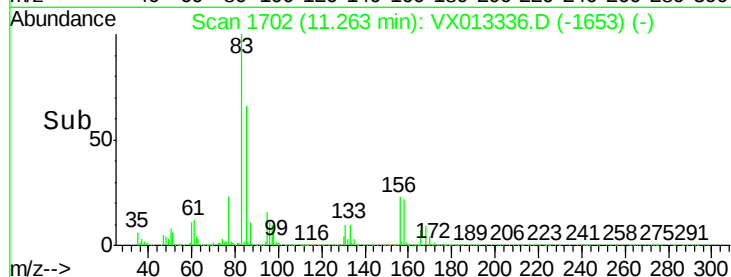
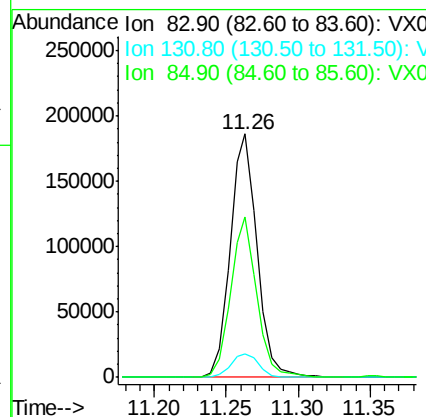
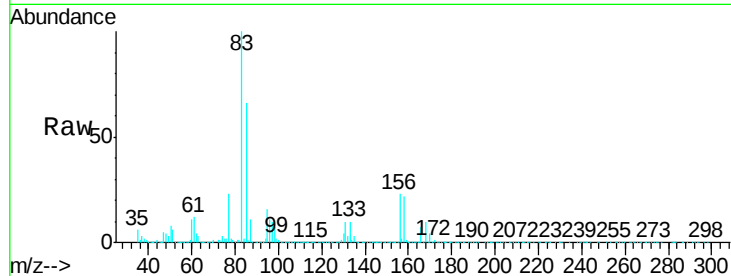
ClientSampled :

VX1106WBS01

Tgt Ion:	83	Resp:	243167
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 20.071 ug/l m

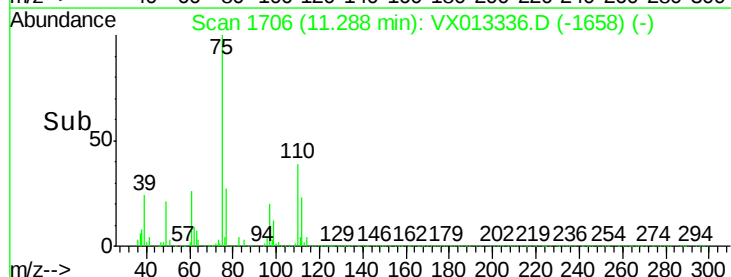
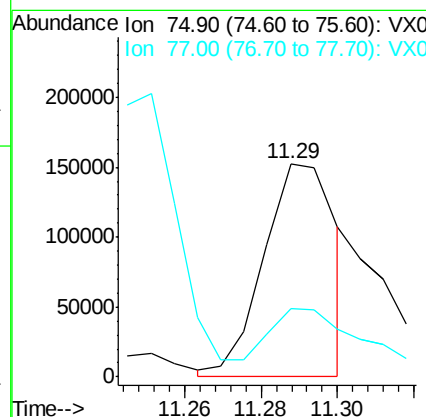
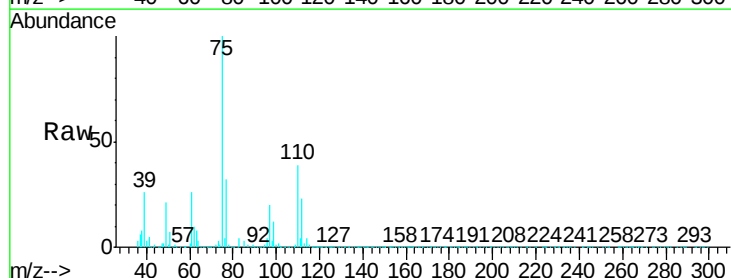
RT: 11.29 min Scan# 1706

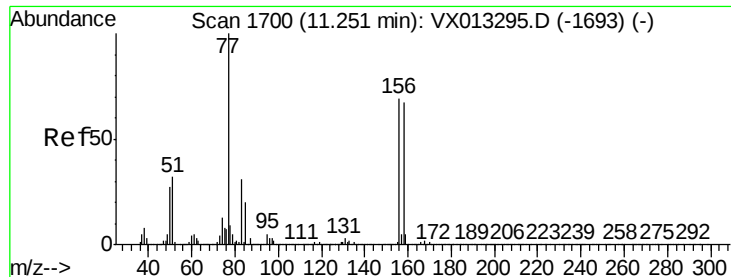
Delta R.T. -0.01 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion:	75	Resp:	198845
Ion Ratio	Lower	Upper	
75	100		
77	44.3	22.3	66.8





#77

Bromobenzene

Concen: 21.021 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

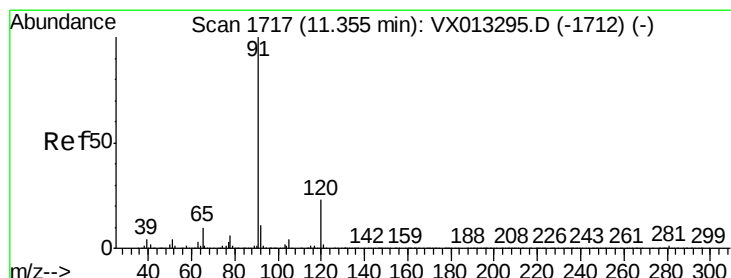
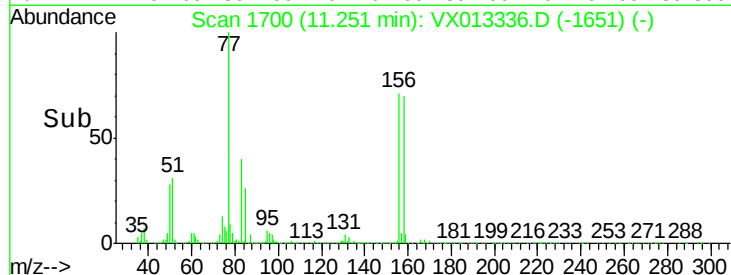
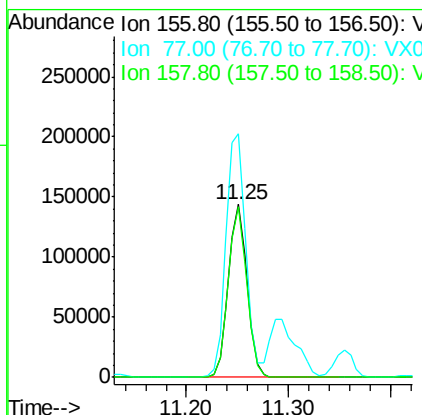
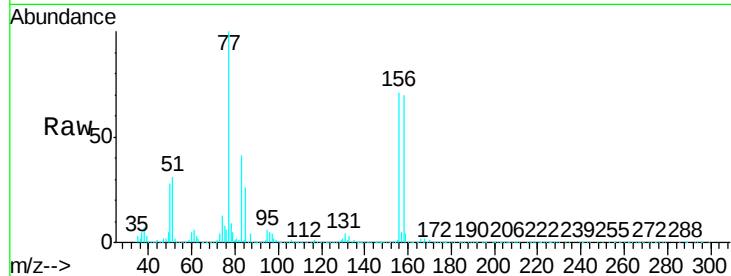
ClientSampleId :

VX1106WBS01

Tgt Ion:	156	Resp:	181233
Ion Ratio	Lower	Upper	
156	100		
77	147.9	75.8	227.4
158	97.7	47.6	142.8

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#78

n-propylbenzene

Concen: 21.546 ug/l

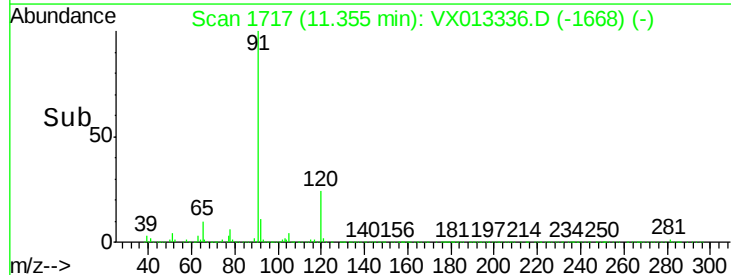
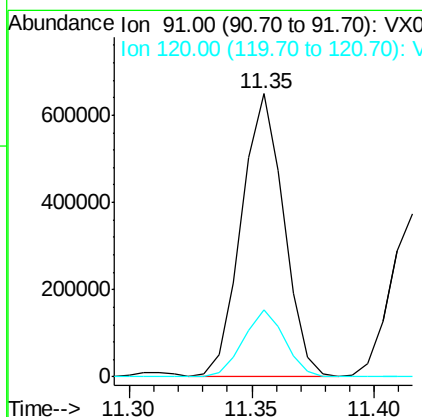
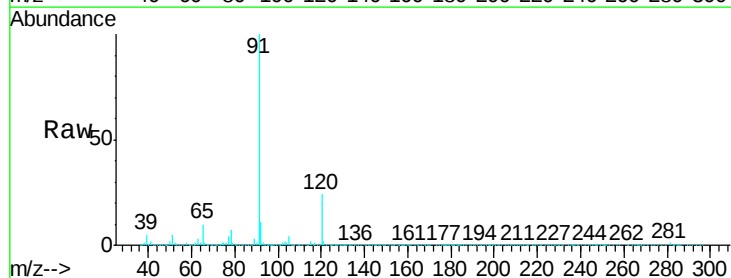
RT: 11.35 min Scan# 1717

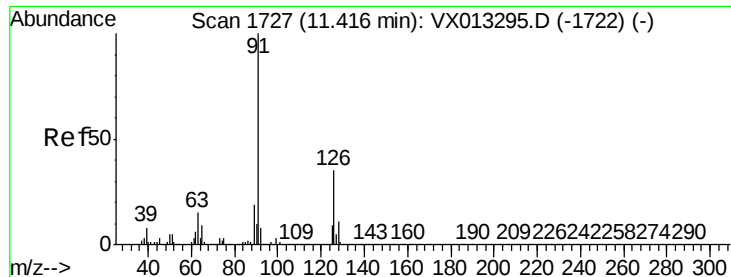
Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Tgt Ion:	91	Resp:	776198
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





#79

2-Chlorotoluene

Concen: 21.292 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013336.D

Acq: 06 Nov 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS01

Tgt Ion: 91 Resp: 462131

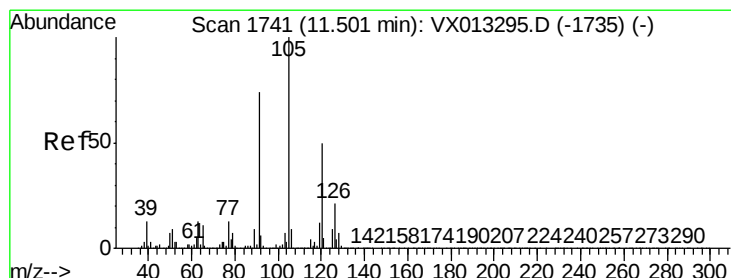
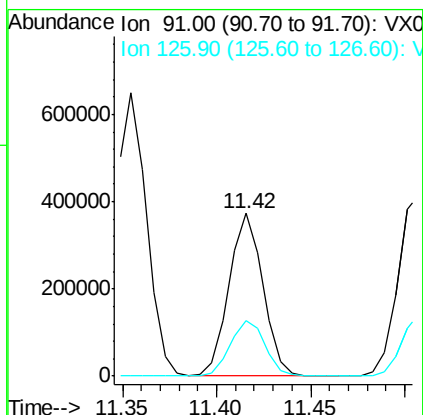
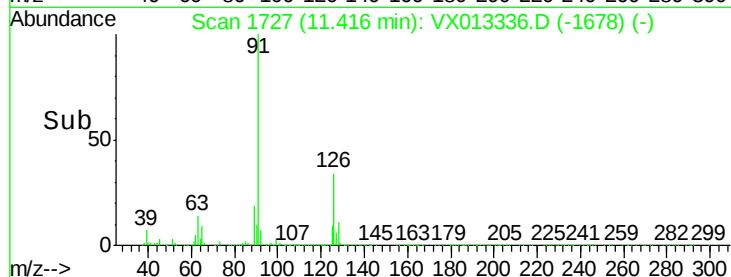
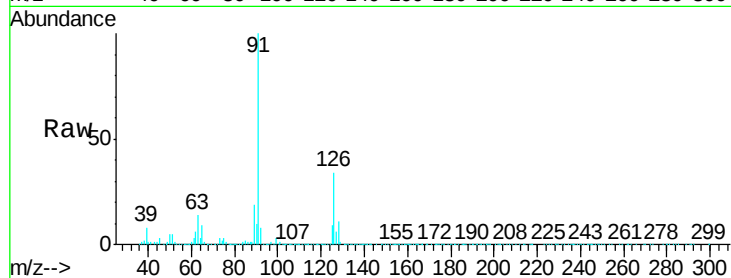
Ion Ratio Lower Upper

91 100

126 35.3 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.781 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013336.D

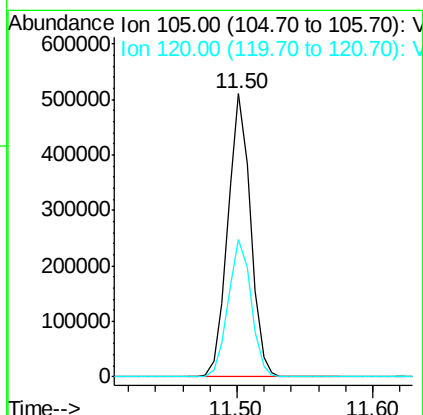
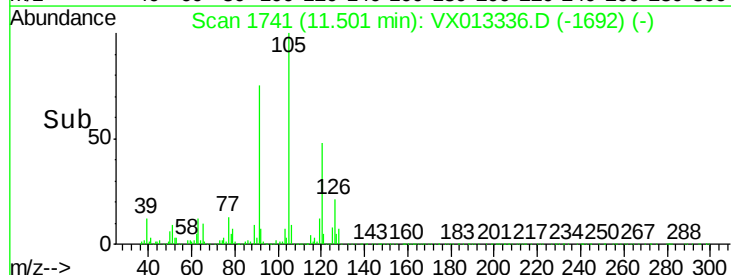
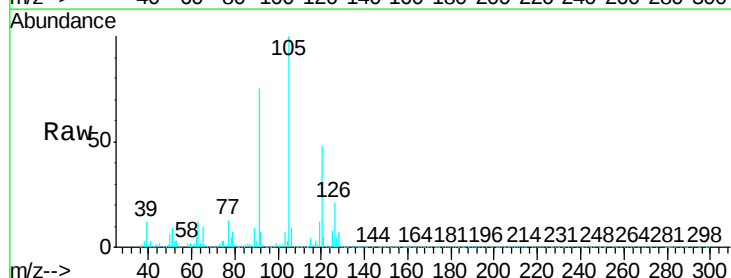
Acq: 06 Nov 2019 11:55

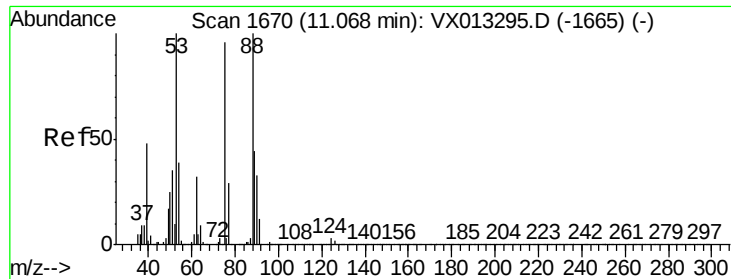
Tgt Ion: 105 Resp: 586706

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8





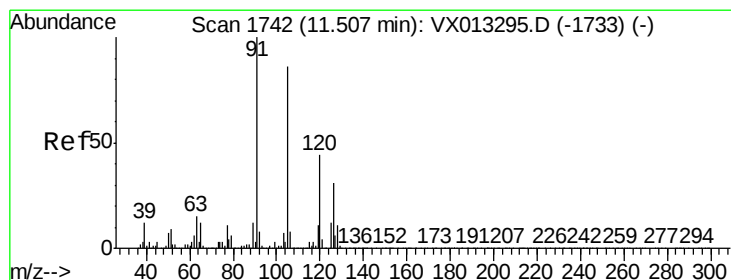
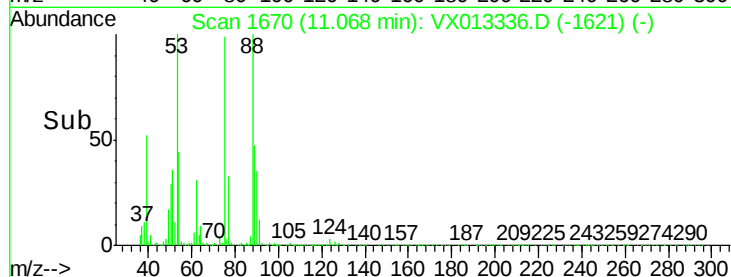
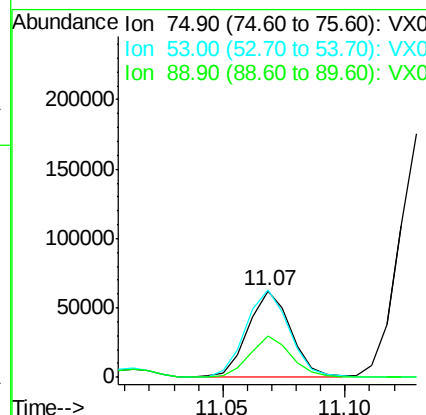
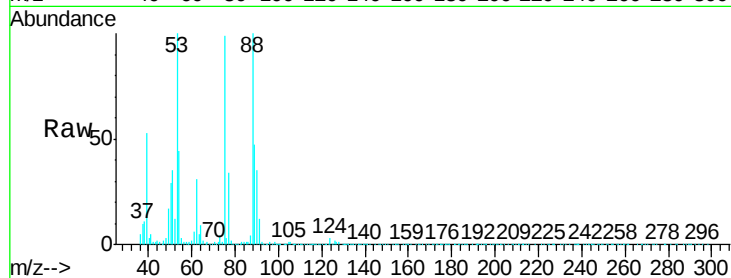
#81
trans-1,4-Dichloro-2-butene
Concen: 19.581 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.6	81.0	121.6
89	47.0	36.0	54.0

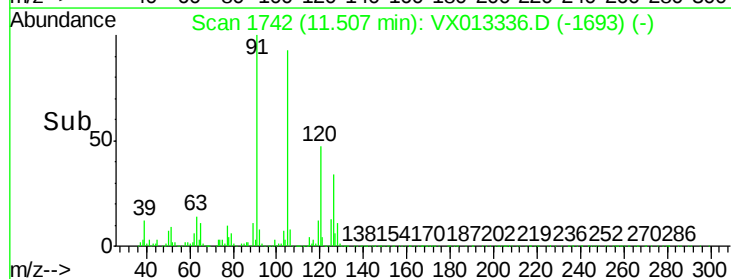
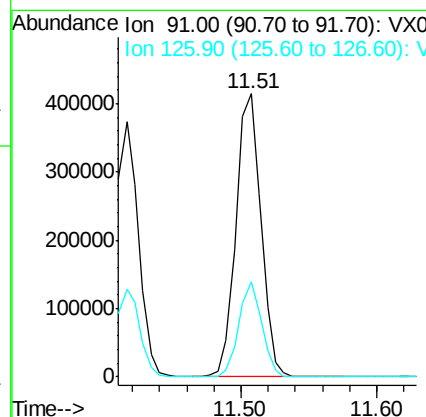
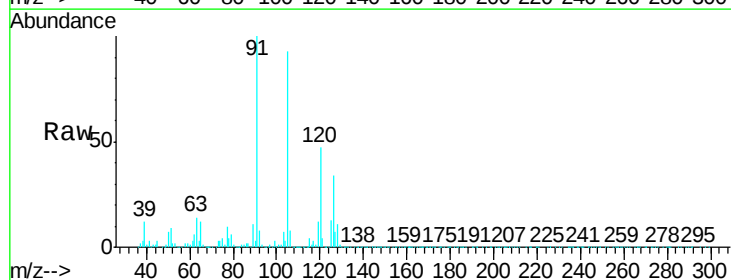
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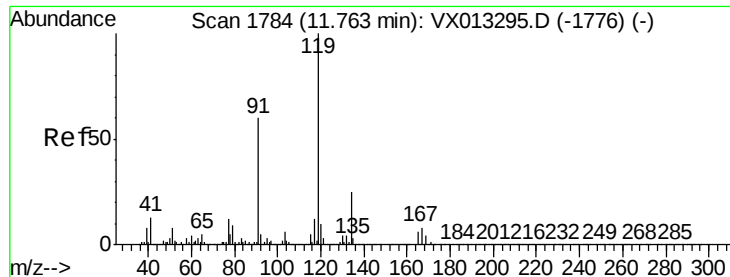
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#82
4-Chlorotoluene
Concen: 20.808 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.8





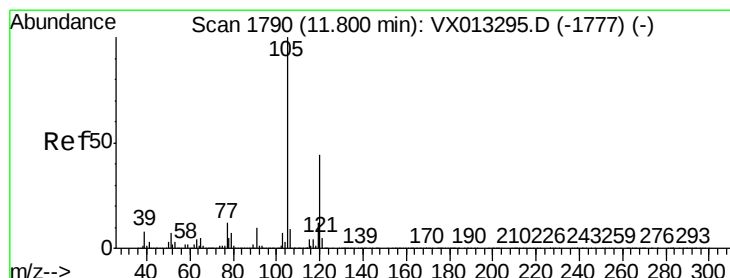
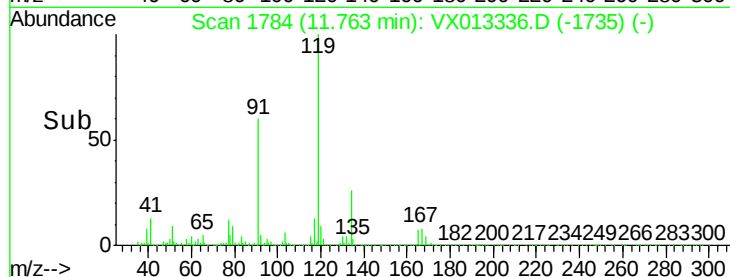
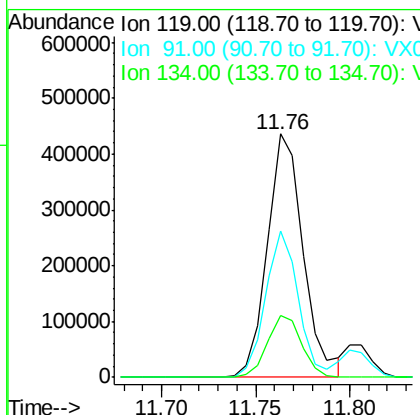
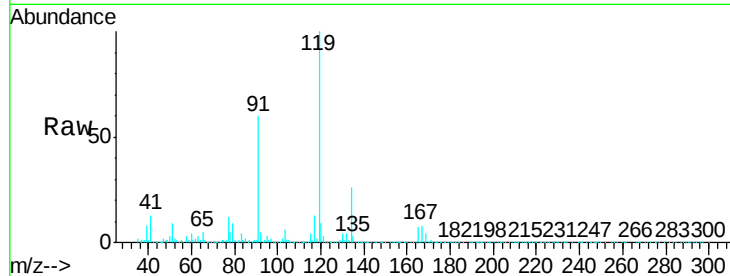
#83
tert-Butylbenzene
Concen: 21.259 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	576468		
91	54.8	26.9	80.7	
134	24.4	11.7	35.1	

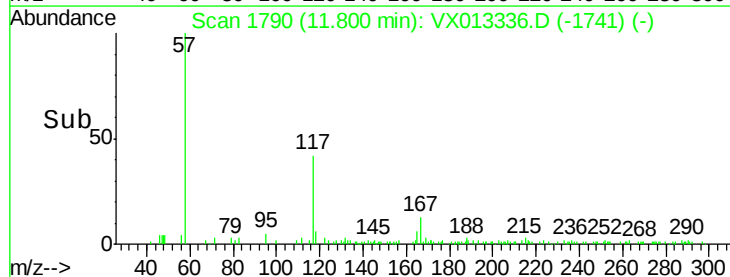
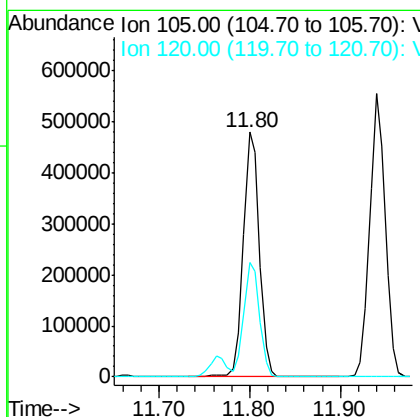
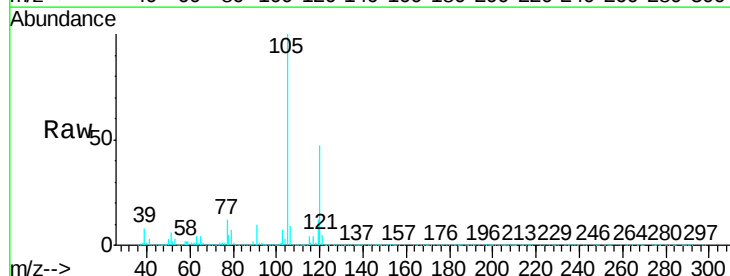
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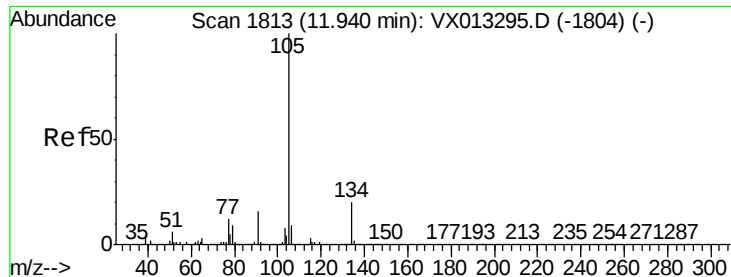
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#84
1,2,4-Trimethylbenzene
Concen: 21.677 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	585742		
120	45.9	22.7	68.1	





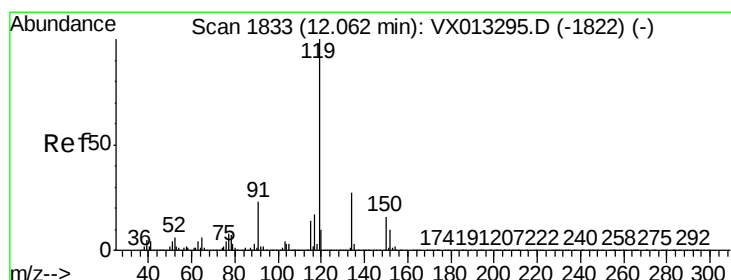
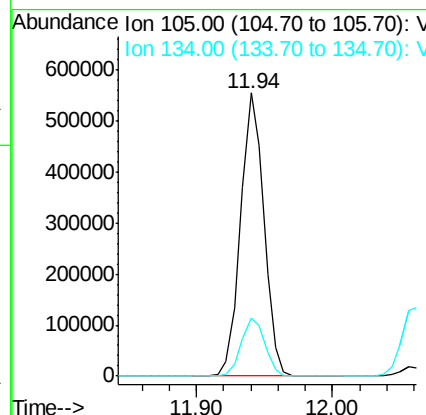
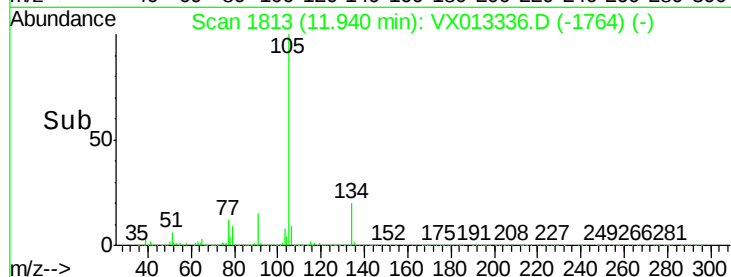
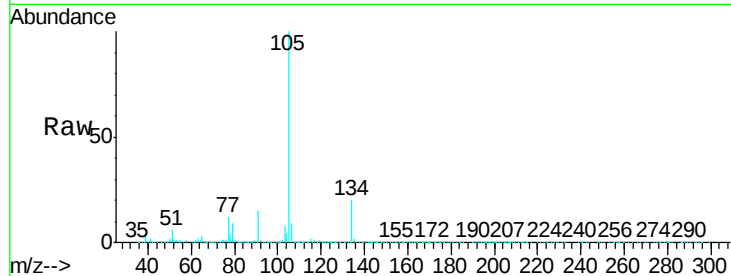
#85
 sec-Butylbenzene
 Concen: 21.245 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9

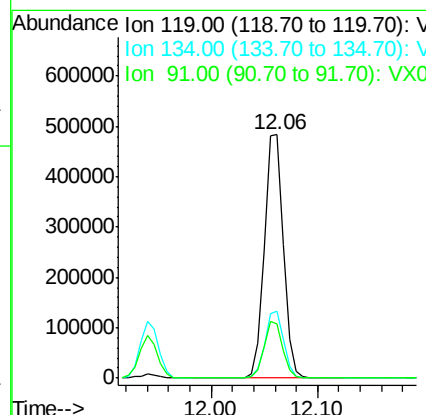
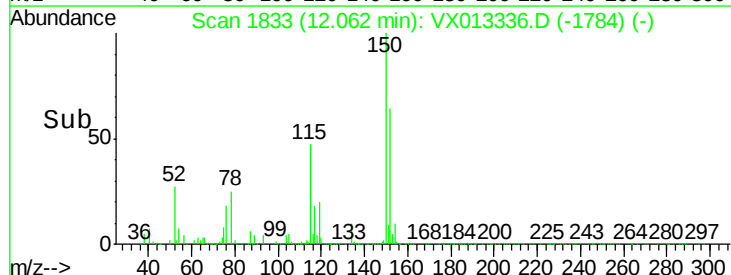
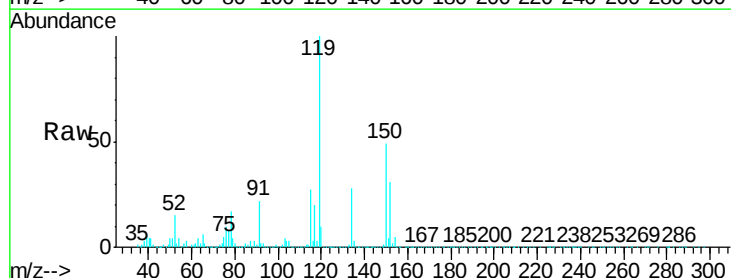
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#86
 p-Isopropyltoluene
 Concen: 21.214 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.8
91	22.6	11.5	34.4





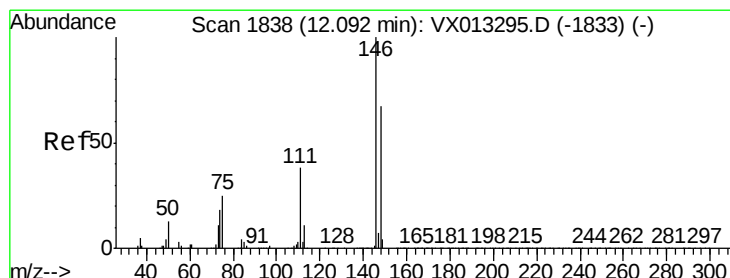
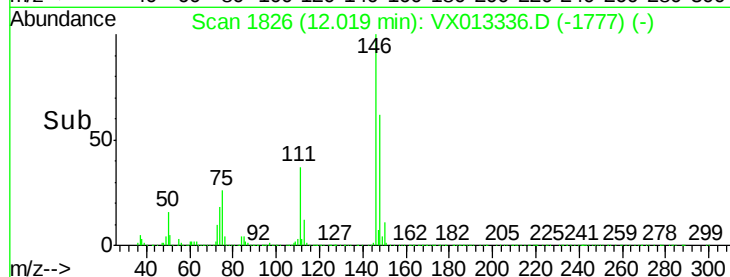
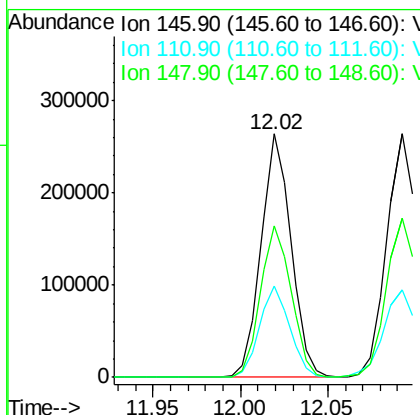
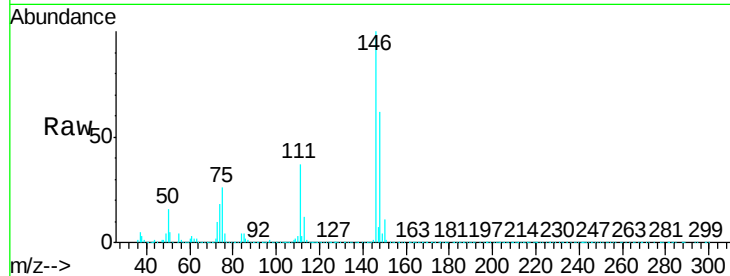
#87
 1,3-Dichlorobenzene
 Concen: 20.493 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.1	31.9	95.7

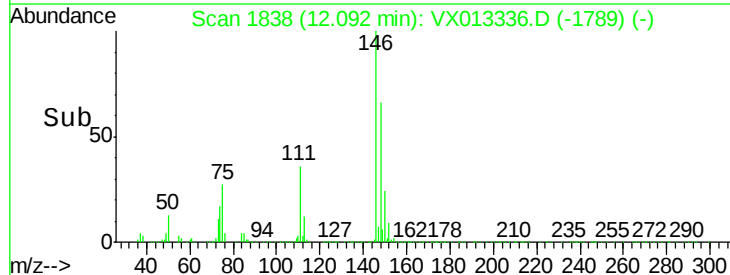
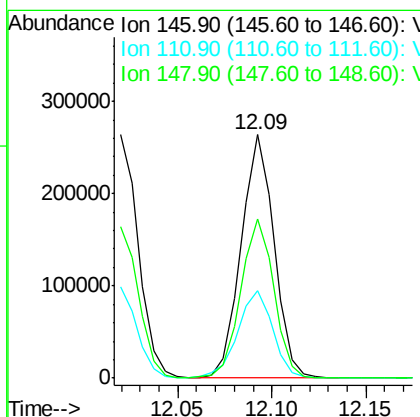
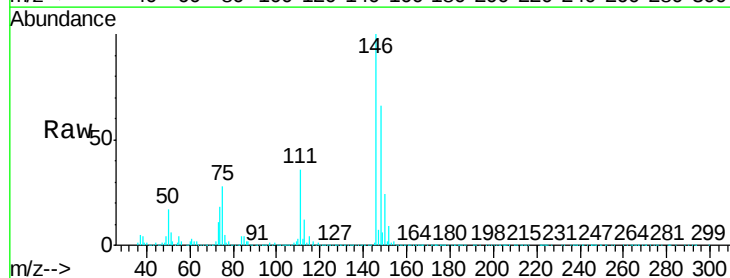
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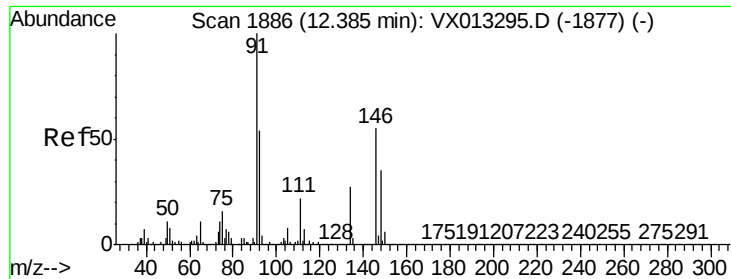
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#88
 1,4-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	65.9	32.4	97.0





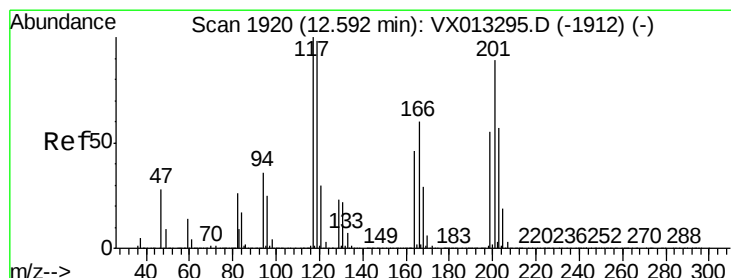
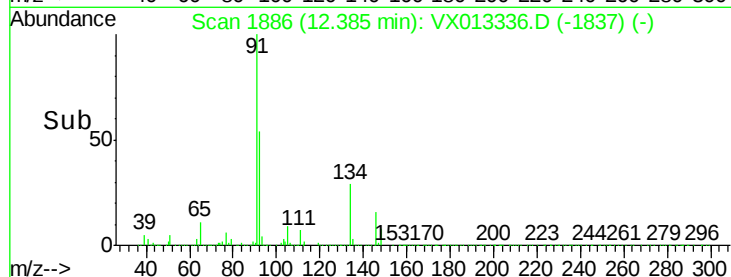
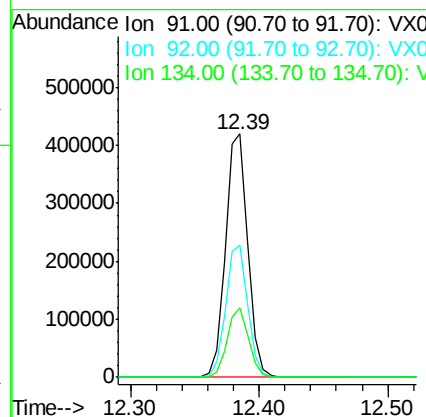
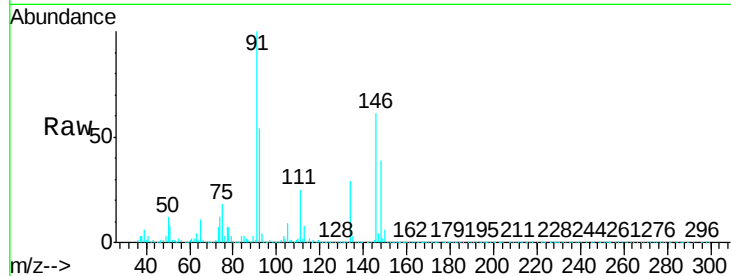
#89
n-Butylbenzene
Concen: 20.398 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	510765		
92	54.1	27.3	81.8	
134	27.3	13.5	40.5	

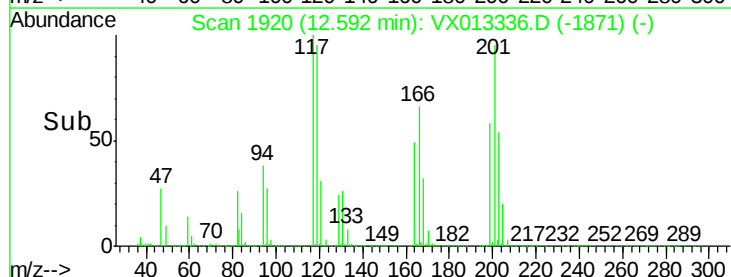
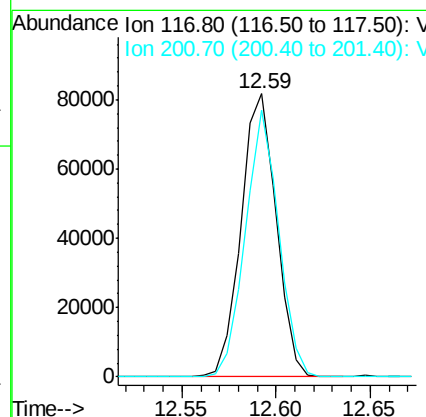
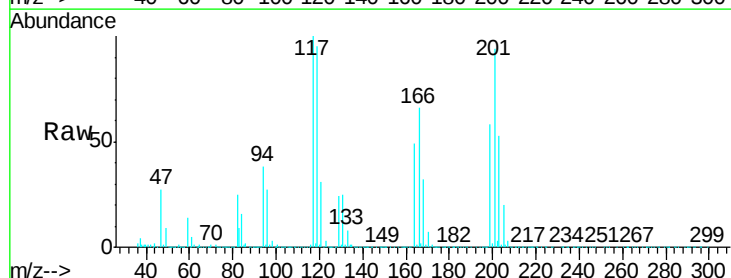
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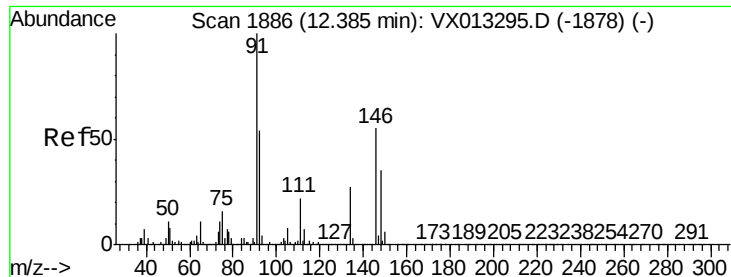
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#90
Hexachloroethane
Concen: 20.553 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105089		
201	90.0	43.9	131.7	





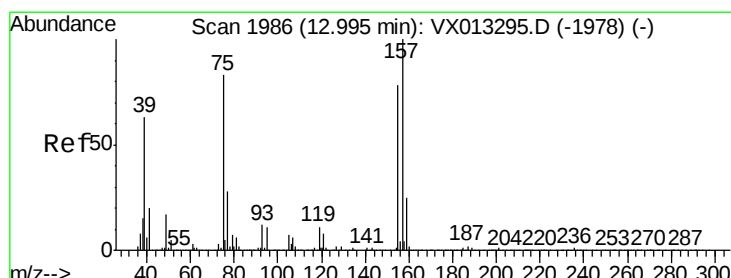
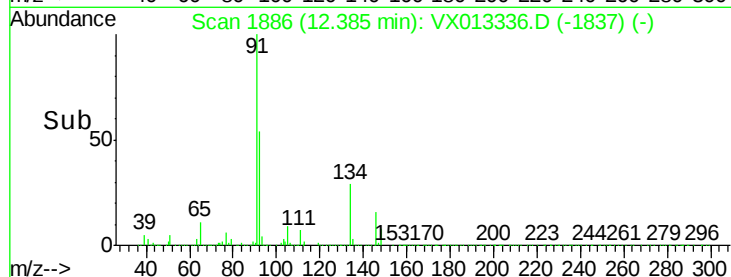
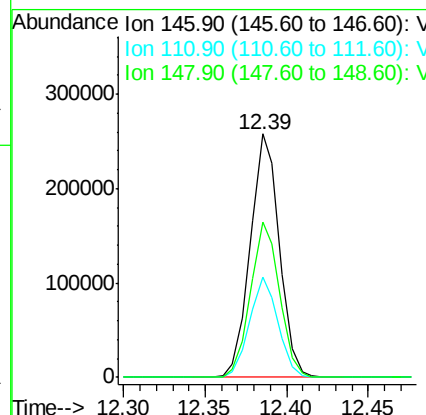
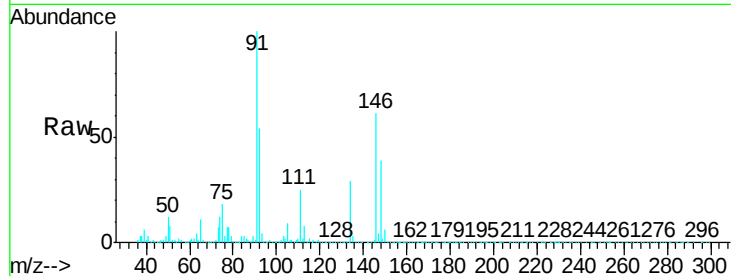
#91
 1,2-Dichlorobenzene
 Concen: 20.879 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	320725		
111	40.3	20.1	60.2	
148	63.5	32.0	96.0	

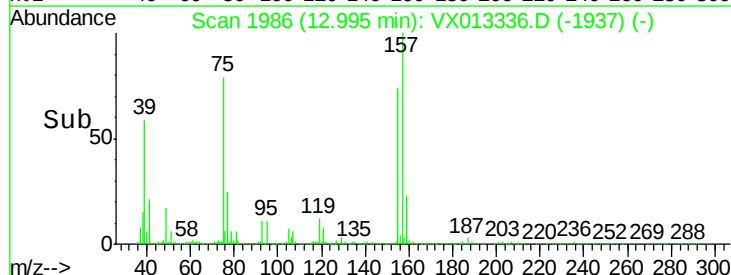
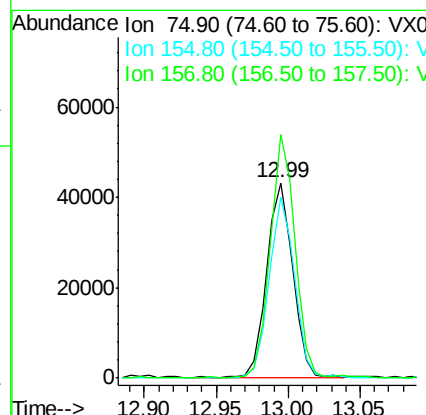
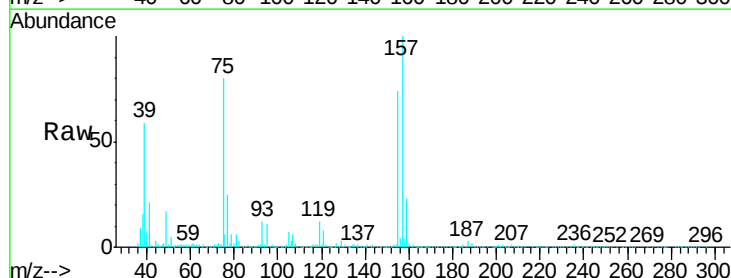
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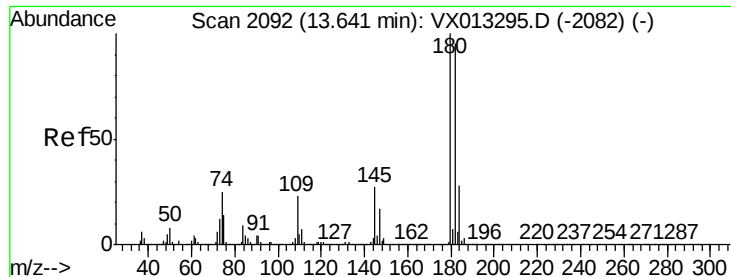
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.738 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013336.D
 Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53861		
155	91.1	47.1	141.4	
157	118.5	61.3	183.8	





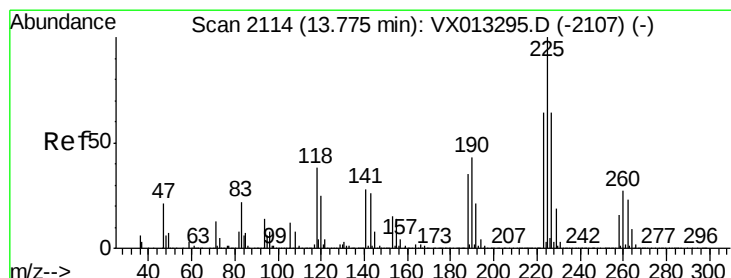
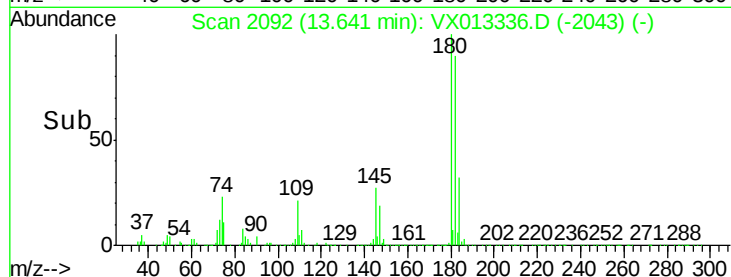
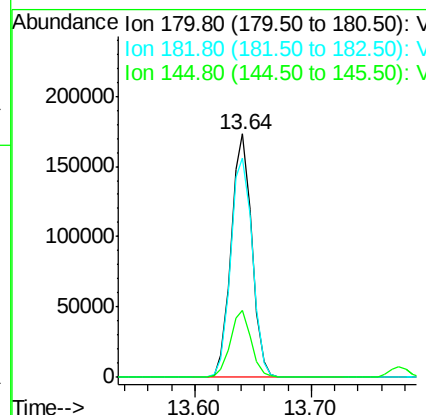
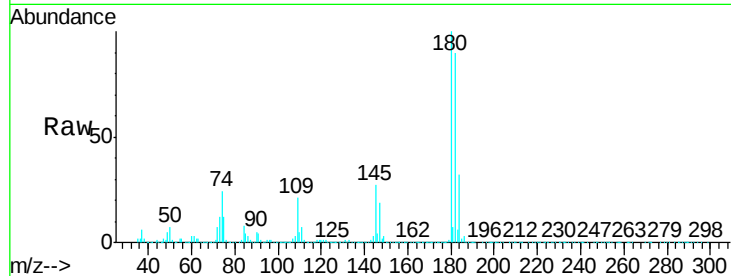
#93
1,2,4-Trichlorobenzene
Concen: 19.947 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	213742		
182	94.7	48.4	145.0	
145	27.3	14.1	42.4	

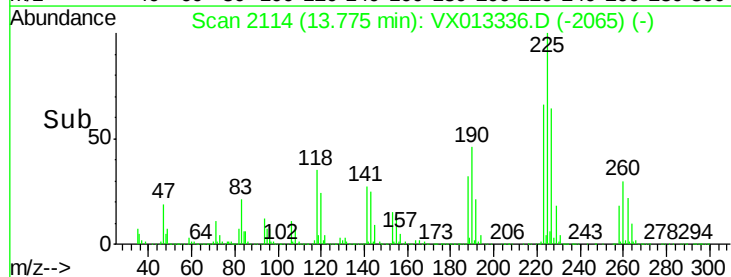
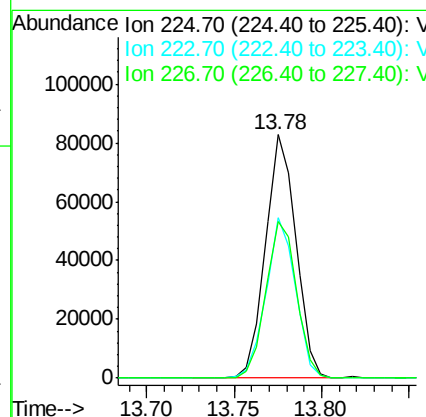
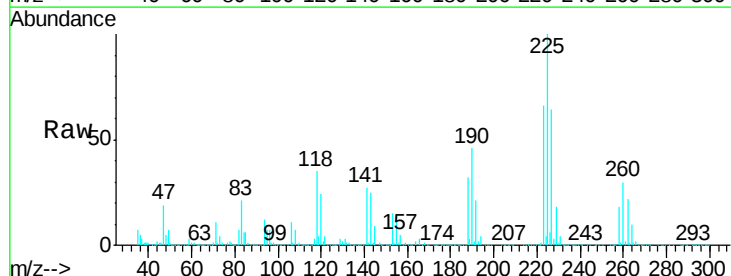
Manual Integrations
APPROVED

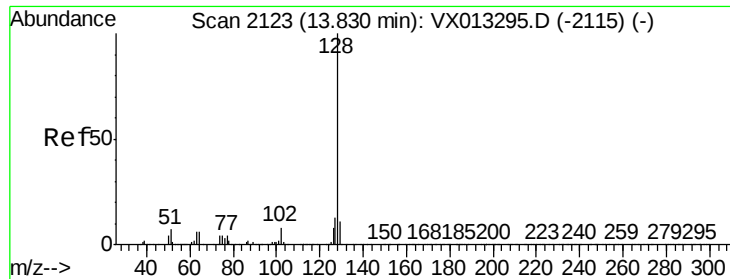
MMDadoda
11/7/2019 9:17:06 AM



#94
Hexachlorobutadiene
Concen: 19.171 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100499		
223	63.7	31.9	95.7	
227	64.9	31.9	95.9	





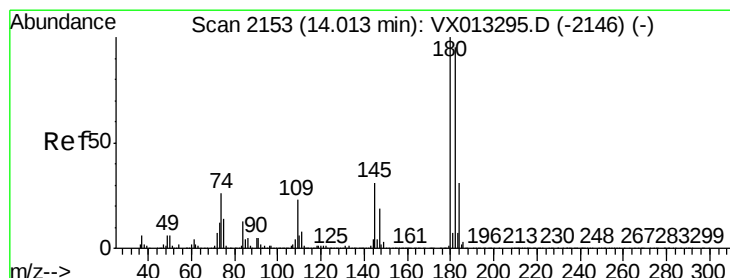
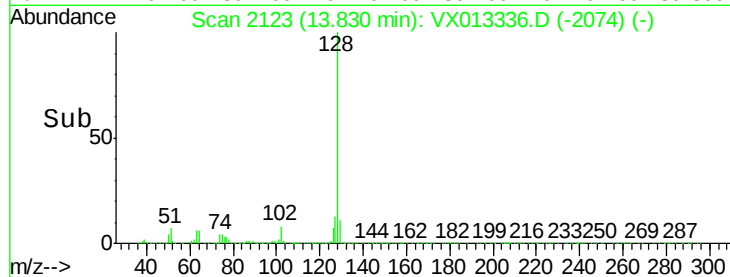
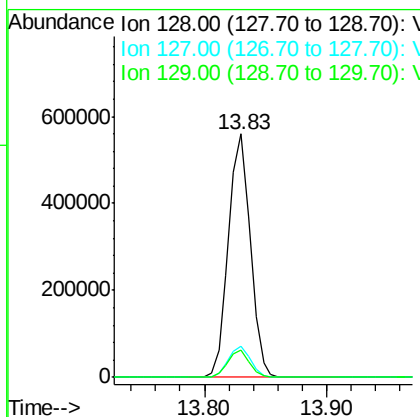
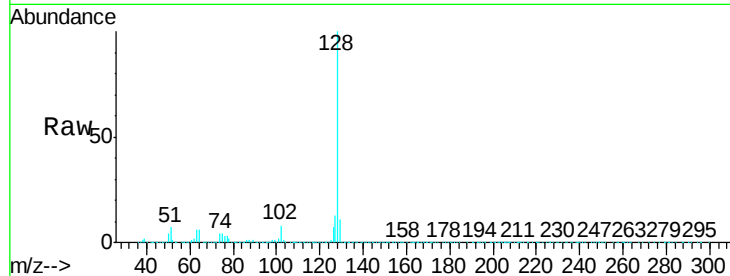
#95
Naphthalene
Concen: 20.619 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/7/2019 9:17:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.176 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013336.D
Acq: 06 Nov 2019 11:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	48.0	144.2
145	30.6	15.4	46.4

