

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103119\
 Data File : VX013293.D
 Acq On : 31 Oct 2019 16:42
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:40:59 PM

Quant Time: Nov 02 05:47:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	697334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1057337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	934401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	461703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	43382	5.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.38%	
35) Dibromofluoromethane	5.49	113	34987	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
50) Toluene-d8	8.71	98	127081	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
62) 4-Bromofluorobenzene	11.13	95	44678	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	39467	5.913	ug/l	100
3) Chloromethane	1.31	50	44552	6.510	ug/l	98
4) Vinyl Chloride	1.40	62	48261	6.737	ug/l	99
5) Bromomethane	1.62	94	36114	8.260	ug/l	99
6) Chloroethane	1.71	64	35797	7.996	ug/l	93
7) Trichlorofluoromethane	1.92	101	62106	5.573	ug/l	98
8) Diethyl Ether	2.18	74	27514	6.765	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36733	5.769	ug/l	97
10) Methyl Iodide	2.50	142	33436	4.060	ug/l	98
11) Tert butyl alcohol	3.04	59	68635	37.876	ug/l #	95
12) 1,1-Dichloroethene	2.36	96	34286	5.479	ug/l	97
13) Acrolein	2.28	56	28585	27.248	ug/l	92
14) Allyl chloride	2.72	41	62979	6.634	ug/l	95
15) Acrylonitrile	3.13	53	107346	29.514	ug/l	98
16) Acetone	2.43	43	109881	31.333	ug/l	96
17) Carbon Disulfide	2.56	76	85833	5.308	ug/l	99
18) Methyl Acetate	2.76	43	56391	6.681	ug/l	93
19) Methyl tert-butyl Ether	3.18	73	112731	5.503	ug/l	96
20) Methylene Chloride	2.84	84	40685	5.654	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	38526	5.770	ug/l	97
22) Diisopropyl ether	3.84	45	119822	6.031	ug/l	89
23) Vinyl Acetate	3.80	43	505967	30.236	ug/l	100
24) 1,1-Dichloroethane	3.68	63	66463	5.834	ug/l	97
25) 2-Butanone	4.67	43	158355	31.226	ug/l	96
26) 2,2-Dichloropropane	4.56	77	50990	5.496	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	40817	5.268	ug/l	94
28) Bromochloromethane	5.00	49	17990	3.606	ug/l	90
29) Tetrahydrofuran	5.12	42	97766	30.398	ug/l	99
30) Chloroform	5.20	83	66065	5.436	ug/l	99
31) Cyclohexane	5.56	56	57684	5.564	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	53506	5.125	ug/l	96
36) 1,1-Dichloropropene	5.79	75	47683	5.395	ug/l	96
37) Ethyl Acetate	4.82	43	55886	5.994	ug/l	98
38) Carbon Tetrachloride	5.78	117	44220	4.865	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57742	5.107	ug/l	99
40) Benzene	6.13	78	149686	5.544	ug/l	96
41) Methacrylonitrile	5.03	41	33523	6.279	ug/l #	93
42) 1,2-Dichloroethane	6.18	62	53411	5.594	ug/l	99
43) Isopropyl Acetate	6.43	43	89831	5.876	ug/l	98
44) Trichloroethene	7.20	130	40181	5.095	ug/l	98
45) 1,2-Dichloropropane	7.51	63	39674	5.751	ug/l	97
46) Dibromomethane	7.66	93	26212	5.378	ug/l	97
47) Bromodichloromethane	7.89	83	46073	5.243	ug/l	98
48) Methyl methacrylate	7.76	41	43822	5.816	ug/l	93
49) 1,4-Dioxane	7.74	88	19765	98.112	ug/l #	87
51) 4-Methyl-2-Pentanone	8.64	43	299086	30.169	ug/l	98
52) Toluene	8.78	92	90992	5.171	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	48301	5.095	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	56113	5.341	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	39646	5.458	ug/l	96
56) Ethyl methacrylate	9.17	69	55022	5.133	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66217	5.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	117889	23.267	ug/l	100
59) 2-Hexanone	9.49	43	225574	29.399	ug/l	99
60) Dibromochloromethane	9.57	129	35939	4.905	ug/l	98
61) 1,2-Dibromoethane	9.67	107	40816	5.307	ug/l	99
64) Tetrachloroethene	9.33	164	34595	4.754	ug/l	93
65) Chlorobenzene	10.14	112	103155	5.358	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	37134	5.483	ug/l	95
67) Ethyl Benzene	10.25	91	173330	5.282	ug/l	96
68) m/p-Xylenes	10.35	106	131028	10.410	ug/l	97
69) o-Xylene	10.70	106	63065	5.151	ug/l	96
70) Styrene	10.71	104	101769	4.979	ug/l	99
71) Bromoform	10.85	173	25673	4.730	ug/l #	96
73) Isopropylbenzene	11.01	105	168302	5.356	ug/l	100
74) N-amyl acetate	10.89	43	71765	5.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61643	5.912	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	46990m	5.556	ug/l	
77) Bromobenzene	11.25	156	43749	5.080	ug/l	96
78) n-propylbenzene	11.35	91	184304	5.297	ug/l	99
79) 2-Chlorotoluene	11.42	91	112288	5.380	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	137205	5.241	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15352	4.823	ug/l	91
82) 4-Chlorotoluene	11.51	91	128164	5.277	ug/l	99
83) tert-Butylbenzene	11.76	119	139440	5.381	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	134957	5.107	ug/l	98
85) sec-Butylbenzene	11.94	105	156751	5.204	ug/l	99
86) p-Isopropyltoluene	12.06	119	142688	5.120	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	78534	5.245	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	78972	5.160	ug/l	93
89) n-Butylbenzene	12.38	91	117063	4.901	ug/l	99
90) Hexachloroethane	12.59	117	24328	5.434	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	79125	5.334	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13730	6.172	ug/l	89

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MSVOA_X
ClientSampleId :
VSTDICC005

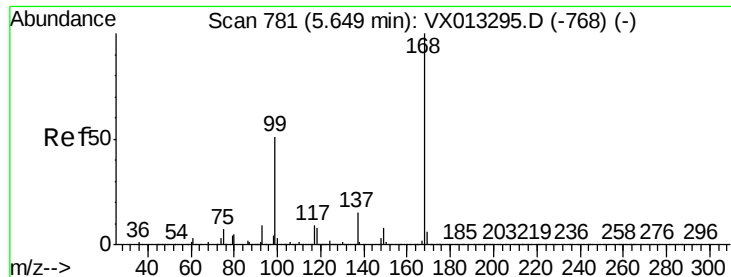
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 06:36:48 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50615	5.016	ug/l	99
94) Hexachlorobutadiene	13.77	225	25326	5.077	ug/l	95
95) Naphthalene	13.83	128	154954	5.105	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	53200	5.278	ug/l	99

(#) = 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: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 168 Resp: 697334

Ion Ratio Lower Upper

168 100

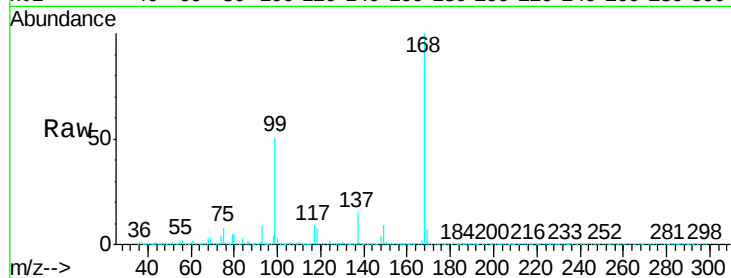
99 50.9 40.8 61.2

Manual Integrations

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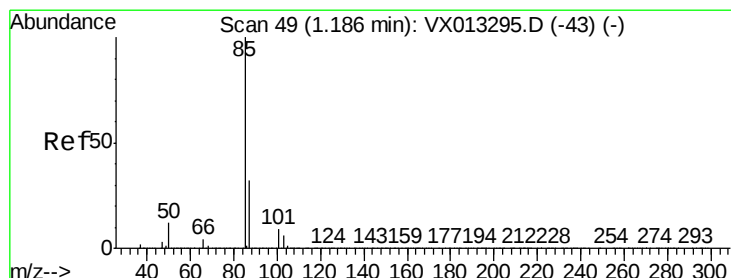
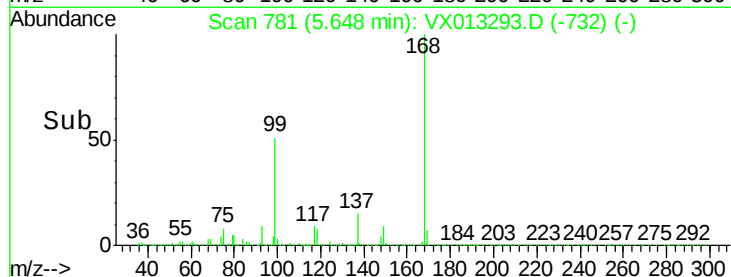
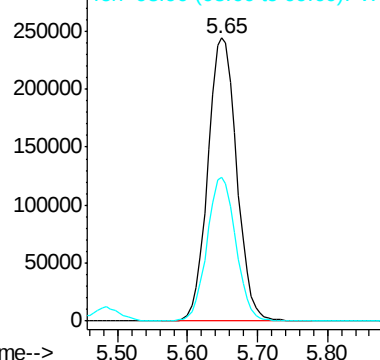
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.913 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013293.D

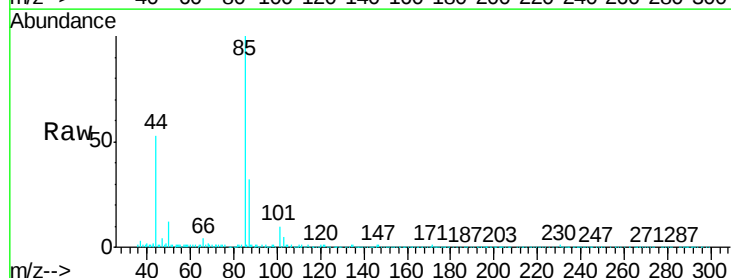
Acq: 31 Oct 2019 16:42

Tgt Ion: 85 Resp: 39467

Ion Ratio Lower Upper

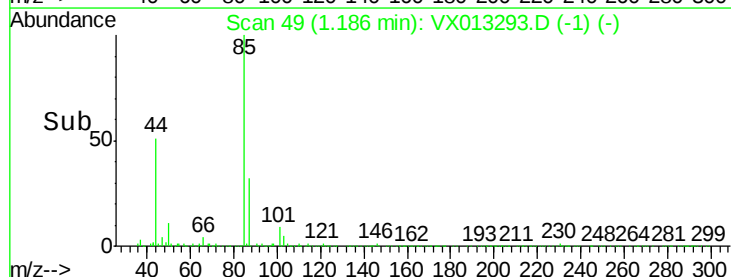
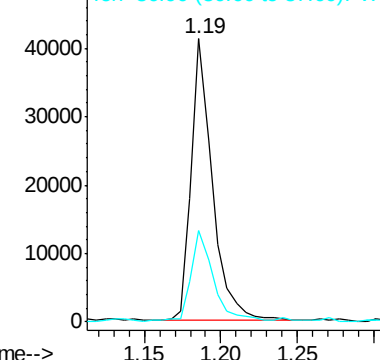
85 100

87 31.7 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: 6.510 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 44552

Ion Ratio Lower Upper

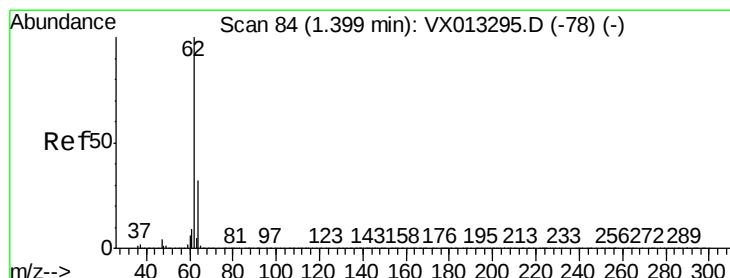
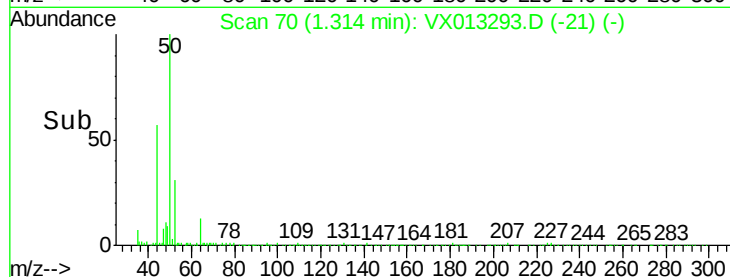
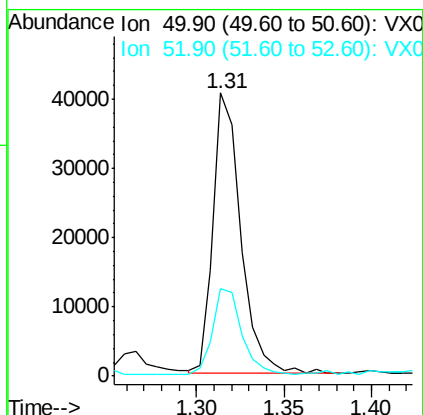
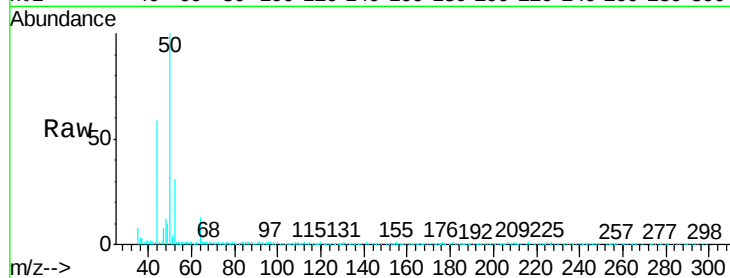
50 100

52 30.9 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 6.737 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013293.D

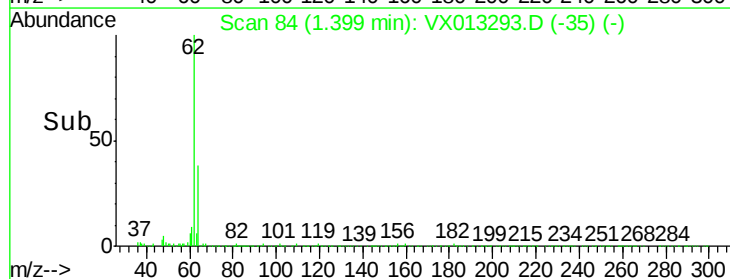
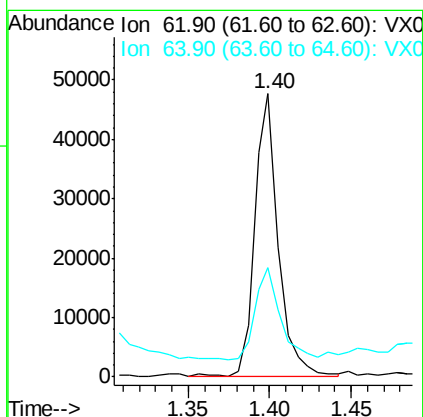
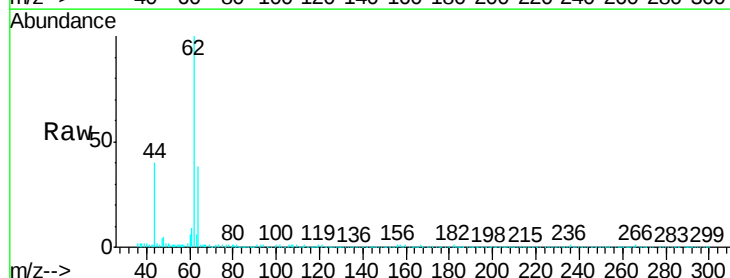
Acq: 31 Oct 2019 16:42

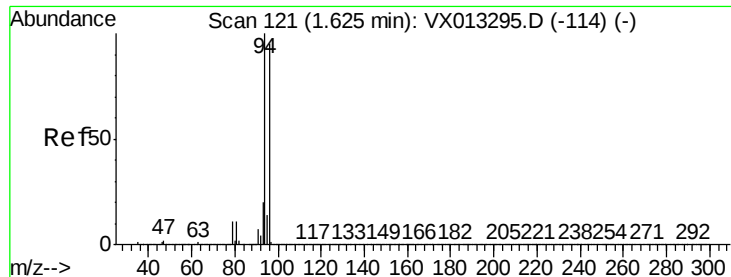
Tgt Ion: 62 Resp: 48261

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 8.260 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 36114

Ion Ratio Lower Upper

94 100

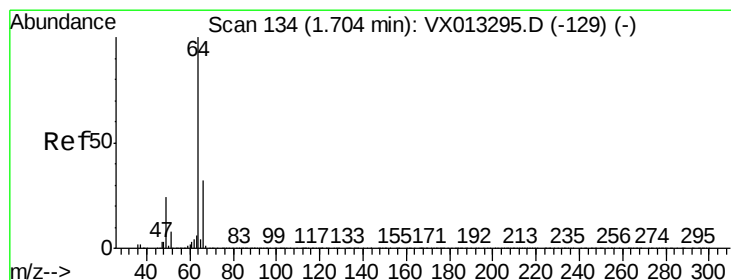
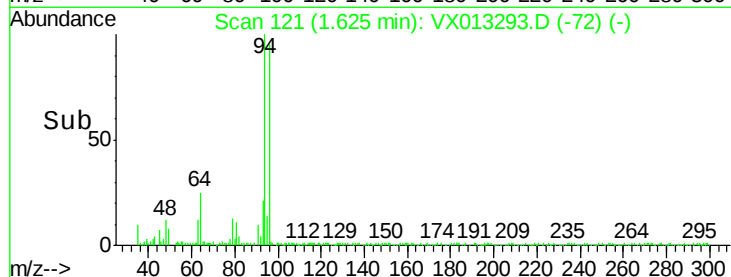
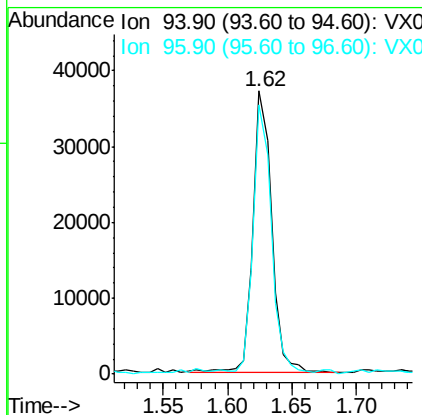
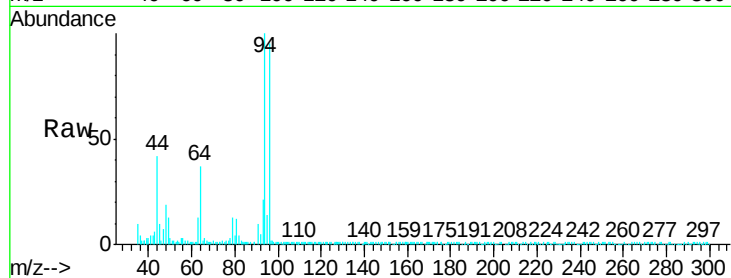
96 95.9 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 7.996 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013293.D

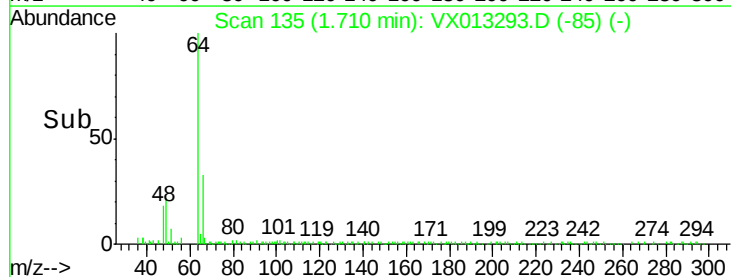
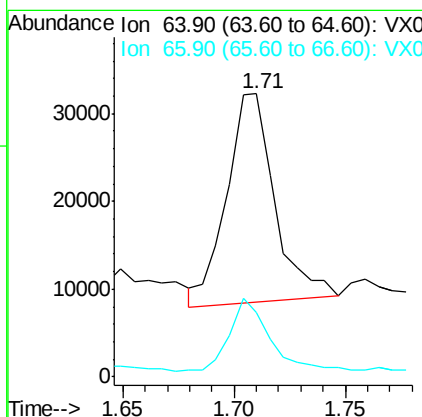
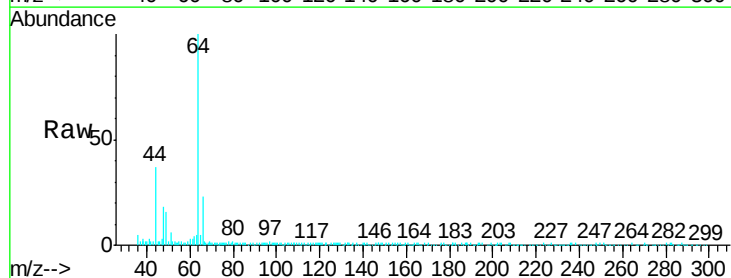
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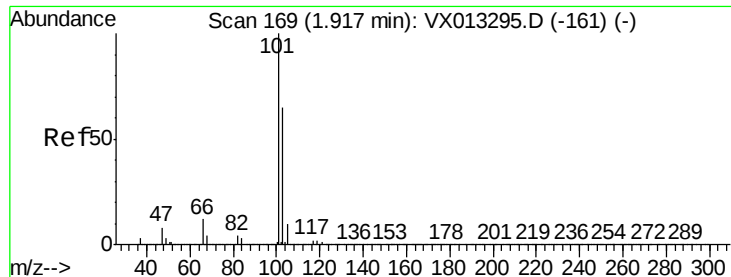
Tgt Ion: 64 Resp: 35797

Ion Ratio Lower Upper

64 100

66 28.4 25.6 38.4





#7

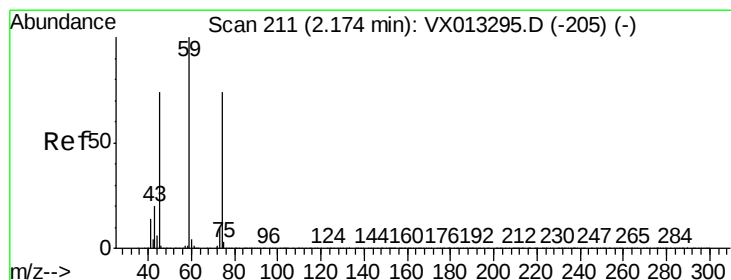
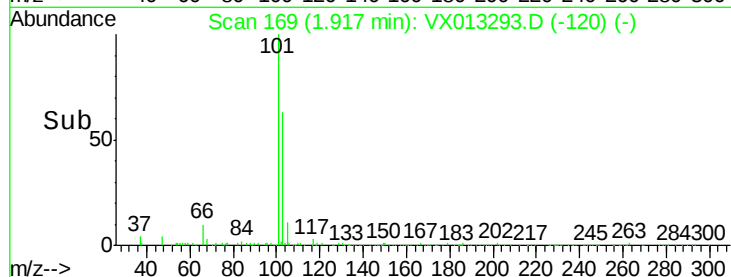
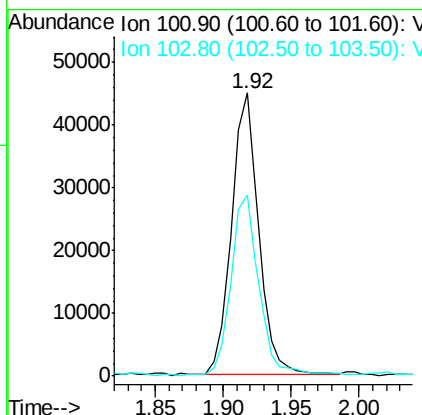
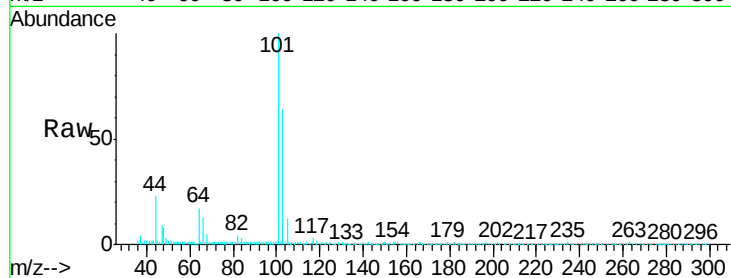
Trichlorofluoromethane
Concen: 5.573 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

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ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.3	78.5

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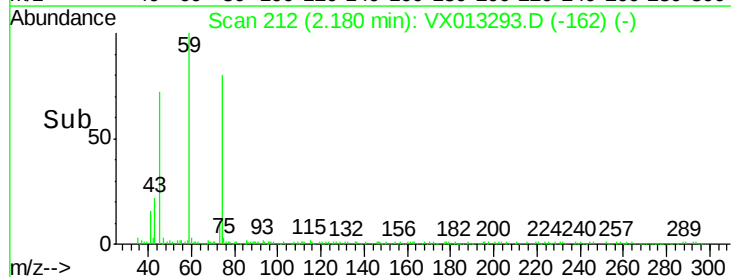
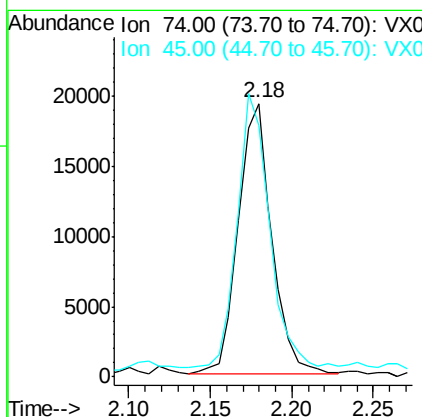
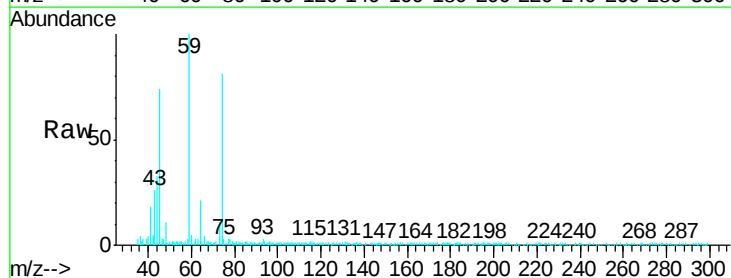
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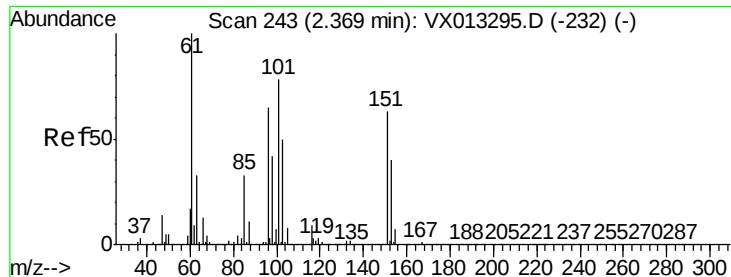


#8

Diethyl Ether
Concen: 6.765 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.769 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

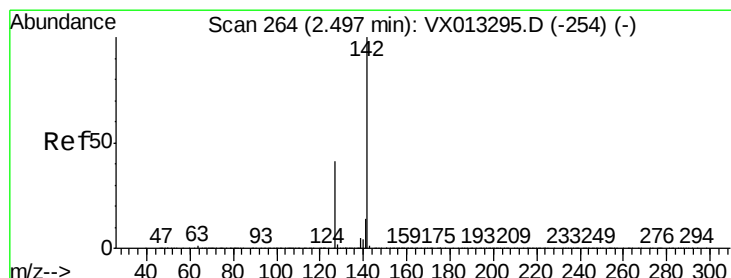
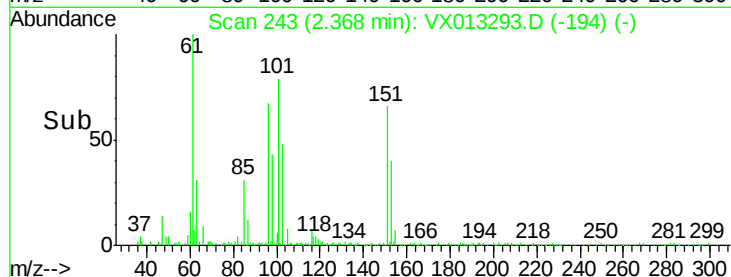
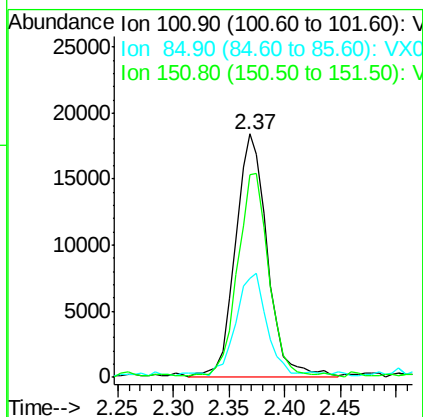
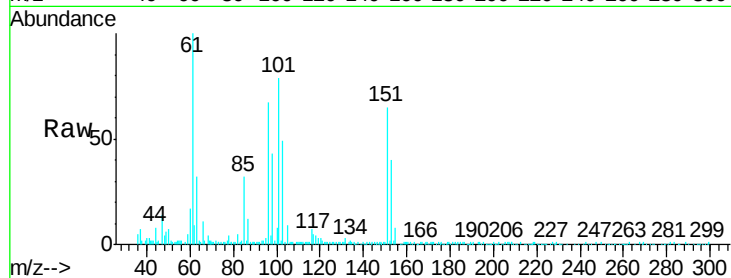
ClientSampleId :

VSTDIC005

Tgt Ion:	101	Resp:	36733
Ion Ratio	Lower	Upper	
101	100		
85	39.6	34.4	51.6
151	81.6	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 4.060 ug/l

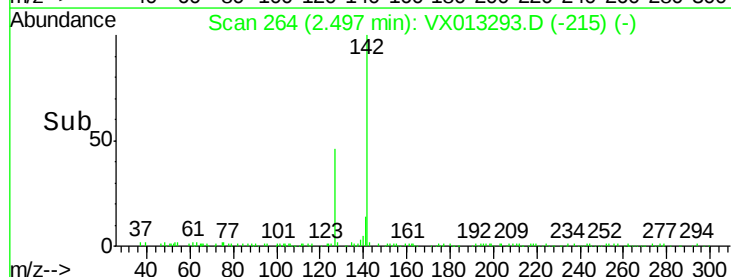
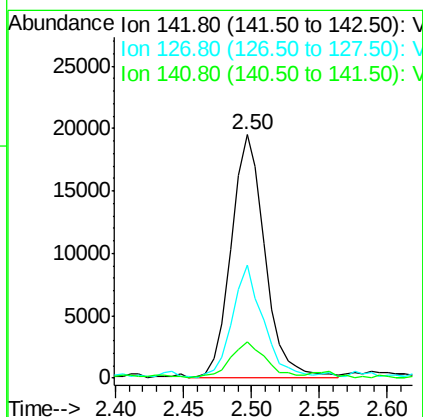
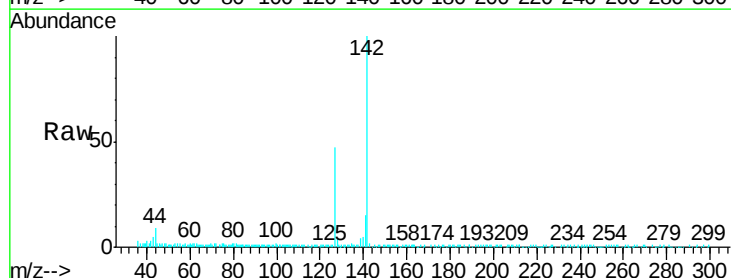
RT: 2.50 min Scan# 264

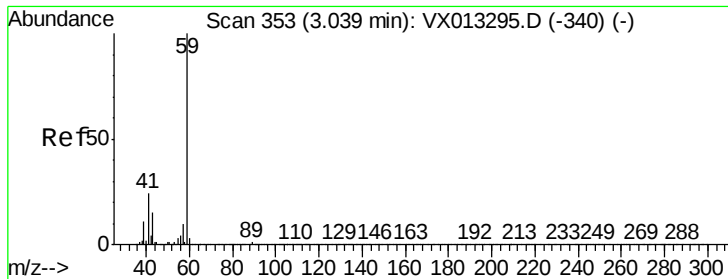
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	142	Resp:	33436
Ion Ratio	Lower	Upper	
142	100		
127	42.3	32.6	49.0
141	15.3	11.6	17.4





#11

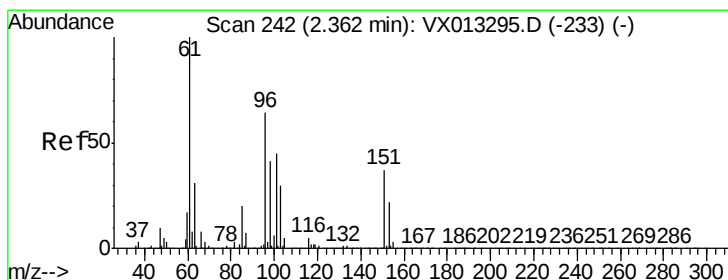
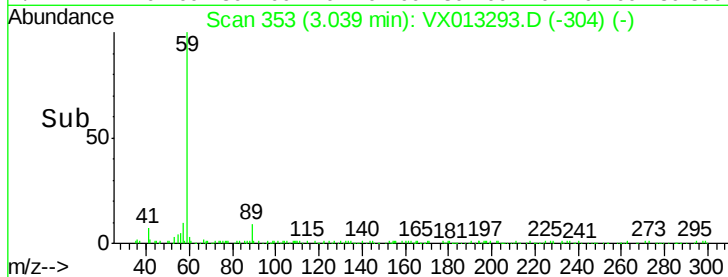
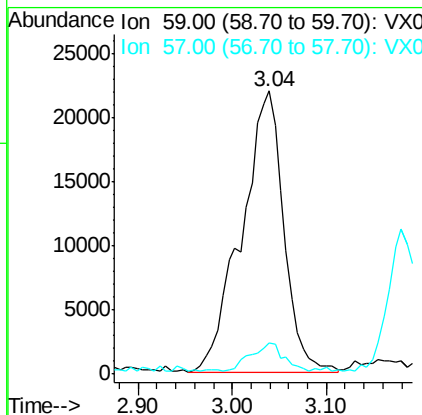
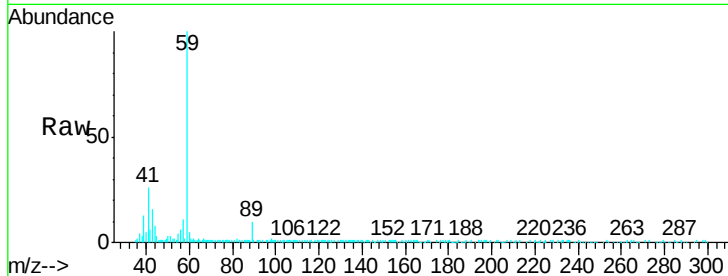
Tert butyl alcohol
Concen: 37.876 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.0	8.0	12.0#

Manual Integrations
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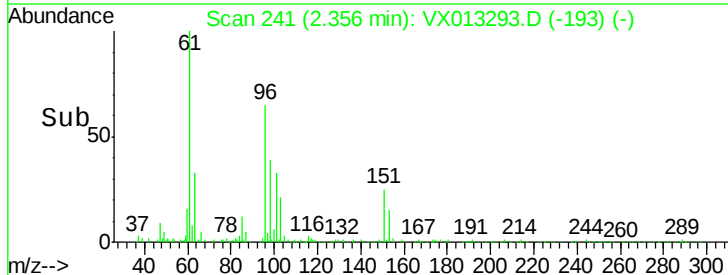
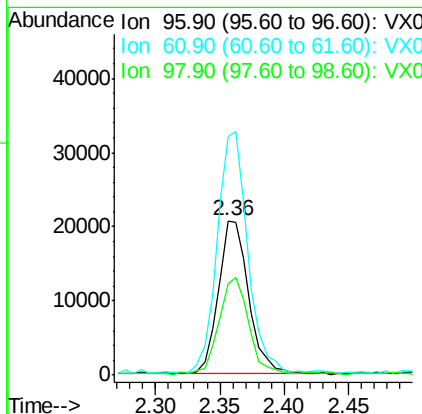
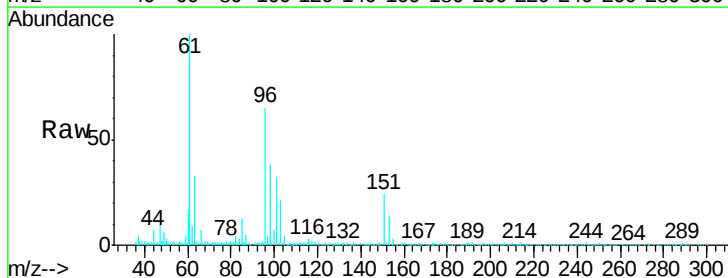
MMDadoda
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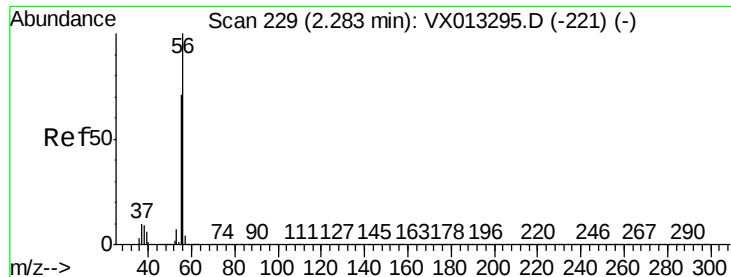


#12

1,1-Dichloroethene
Concen: 5.479 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	125.0	187.6
98	58.7	50.7	76.1





#13

Acrolein

Concen: 27.248 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 28585

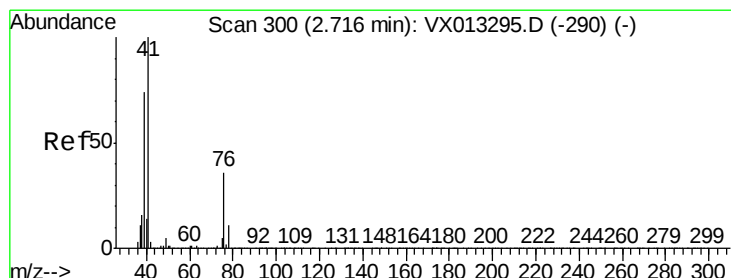
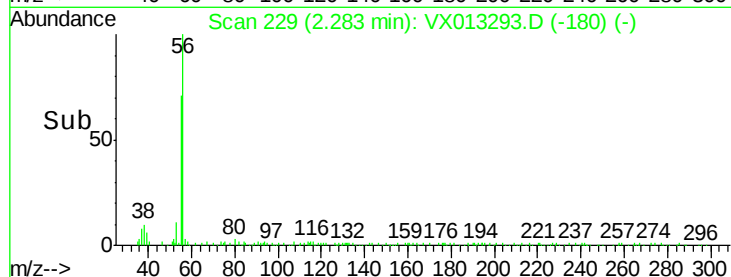
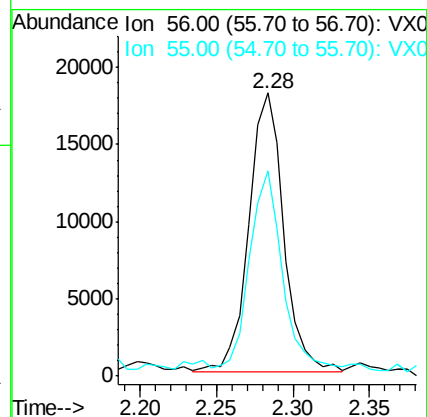
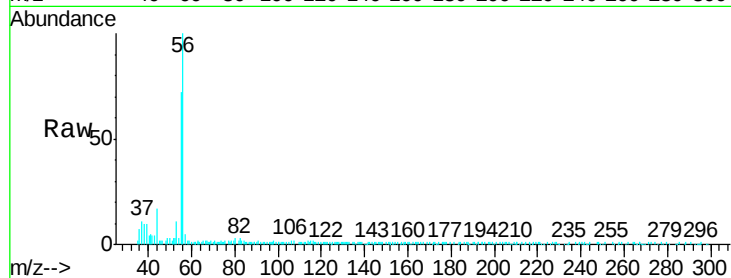
Ion Ratio Lower Upper

56 100

55 65.3 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 6.634 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

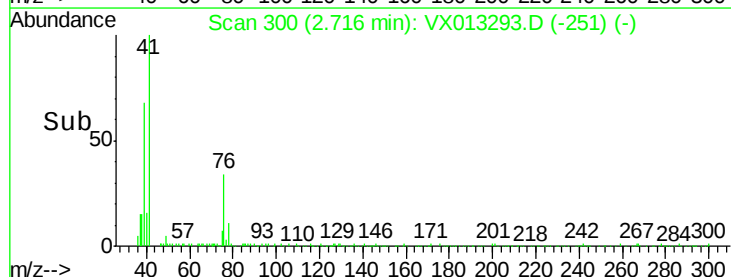
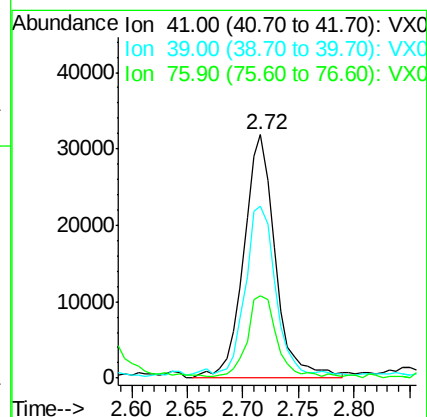
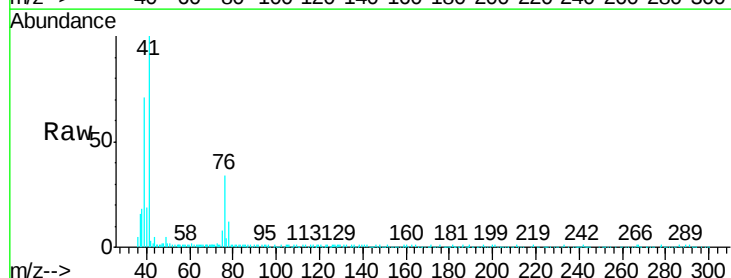
Tgt Ion: 41 Resp: 62979

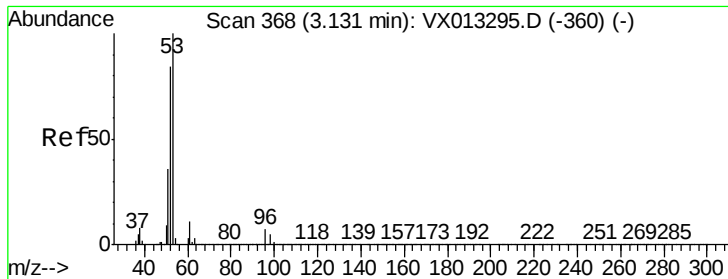
Ion Ratio Lower Upper

41 100

39 64.0 55.8 83.8

76 33.3 26.4 39.6





#15

Acrylonitrile

Concen: 29.514 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

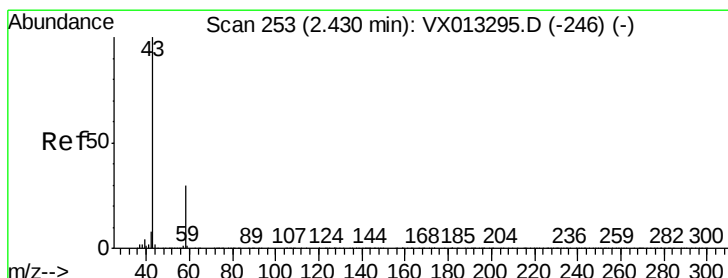
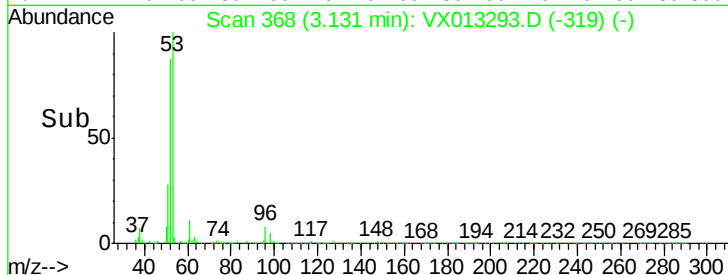
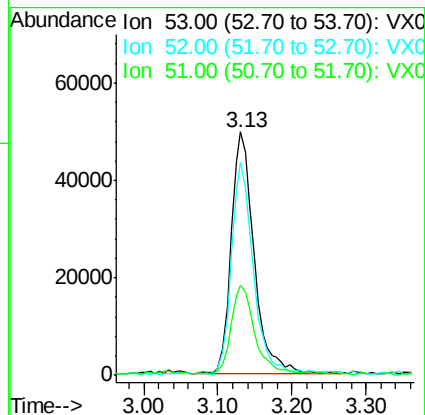
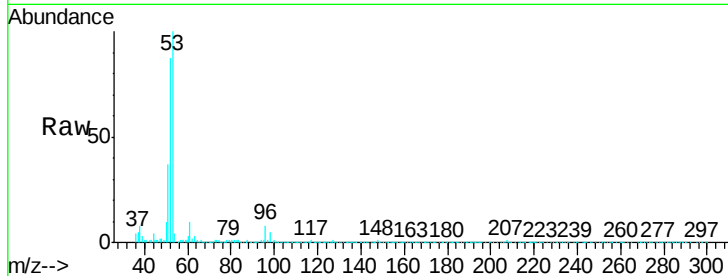
ClientSampleId :

VSTDIC005

Tgt Ion:	53	Resp:	107346
Ion Ratio	Lower	Upper	
53	100		
52	82.5	67.4	101.0
51	38.1	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 31.333 ug/l

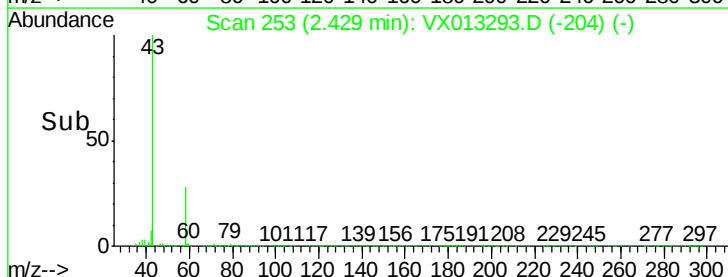
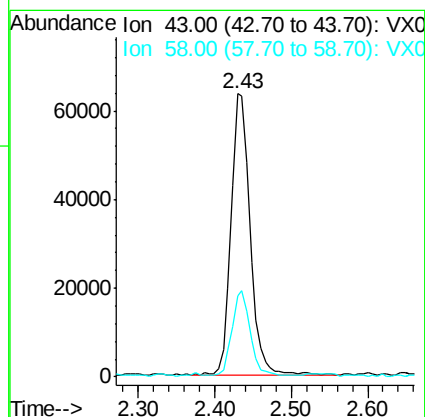
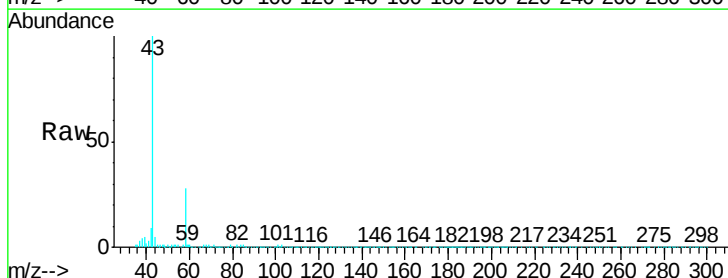
RT: 2.43 min Scan# 253

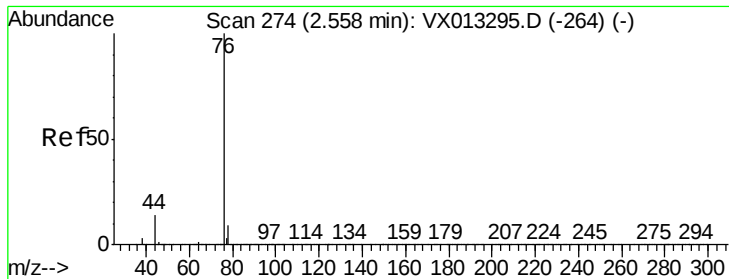
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	43	Resp:	109881
Ion Ratio	Lower	Upper	
43	100		
58	28.2	24.3	36.5





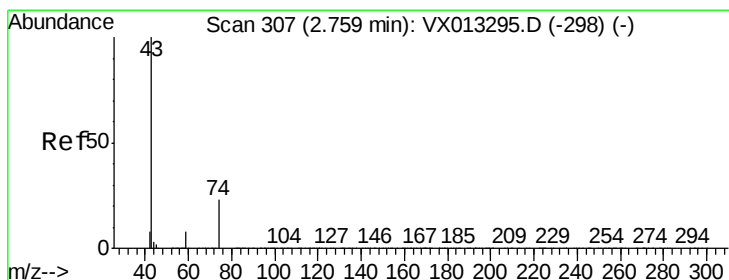
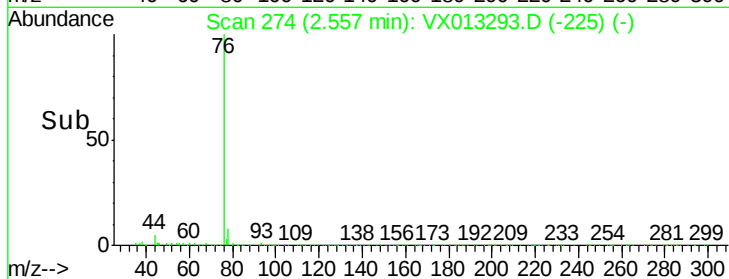
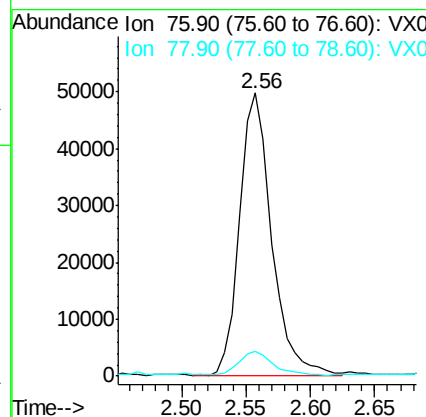
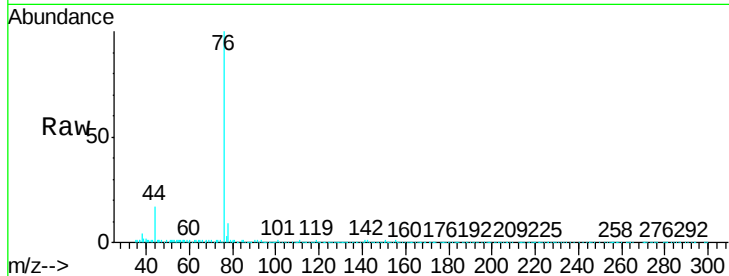
#17
Carbon Disulfide
Concen: 5.308 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

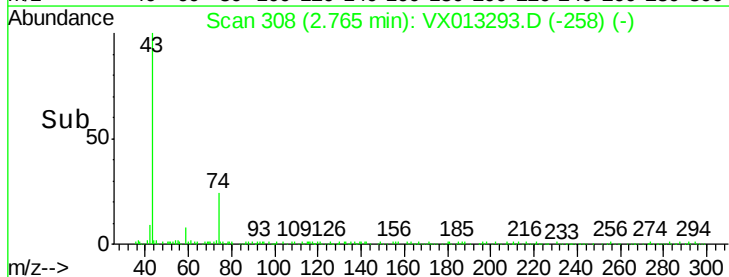
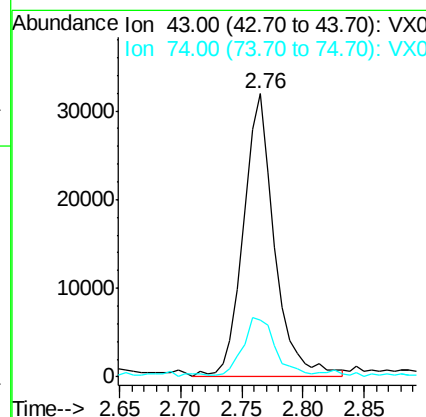
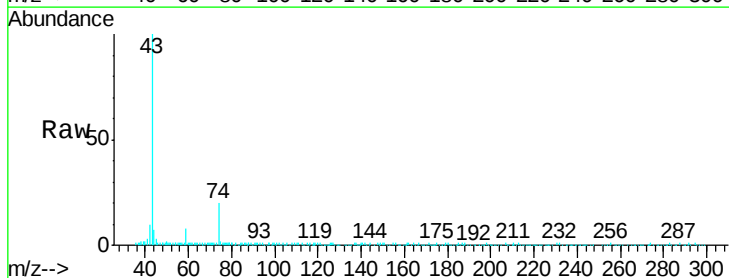
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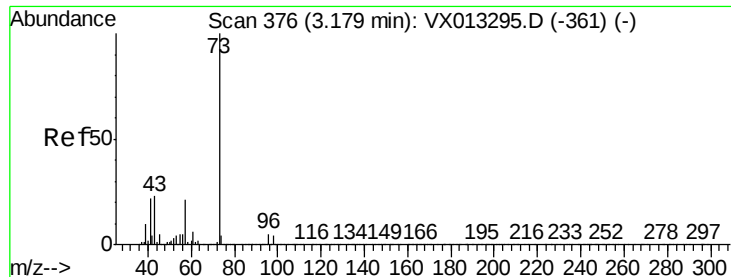
MMDadoda
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#18
Methyl Acetate
Concen: 6.681 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	19.0	28.6





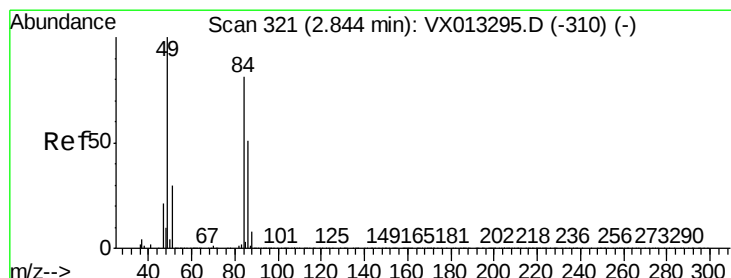
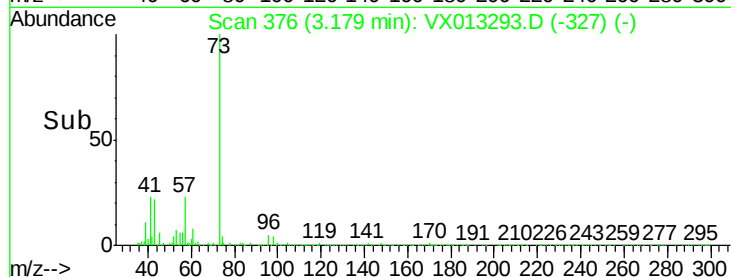
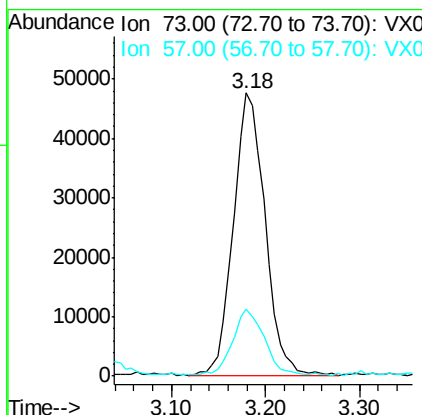
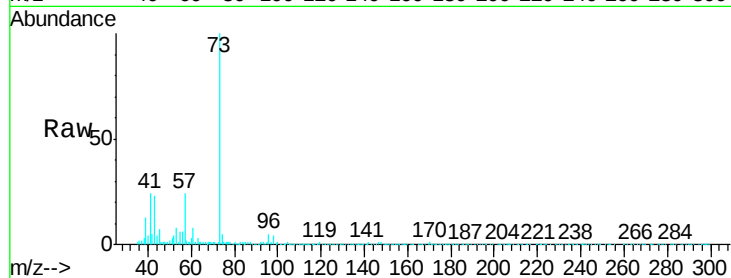
#19
Methyl tert-butyl Ether
Concen: 5.503 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.1	25.7

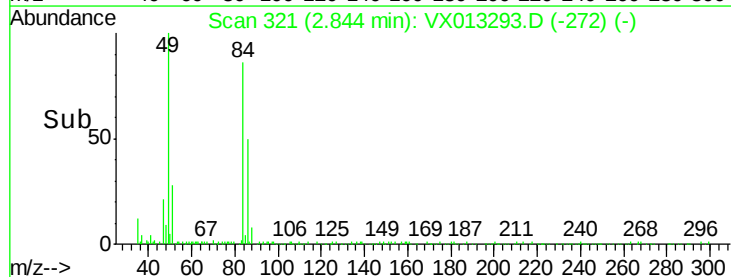
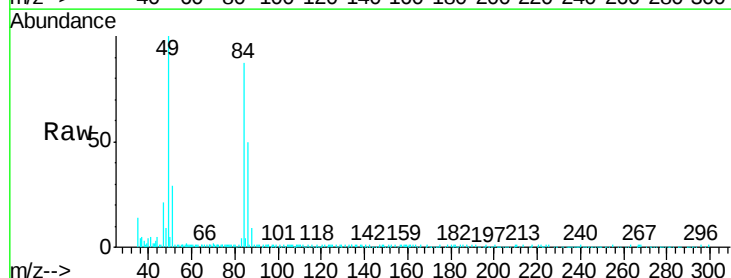
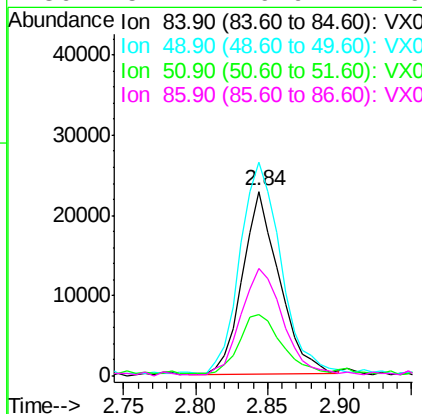
Manual Integrations
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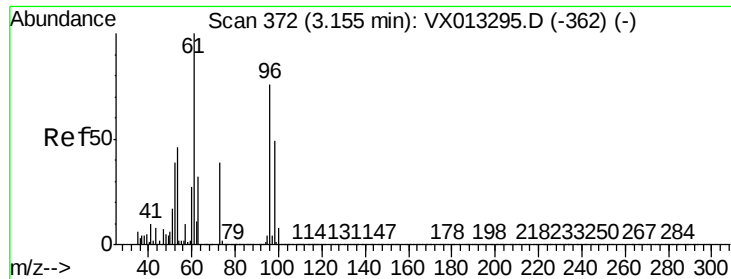
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#20
Methylene Chloride
Concen: 5.654 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.0	98.2	147.4
51	31.7	29.9	44.9
86	57.7	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 5.770 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

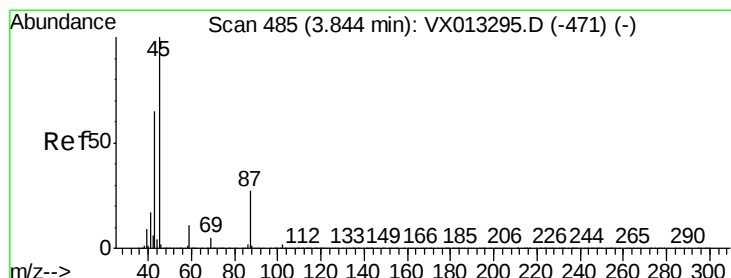
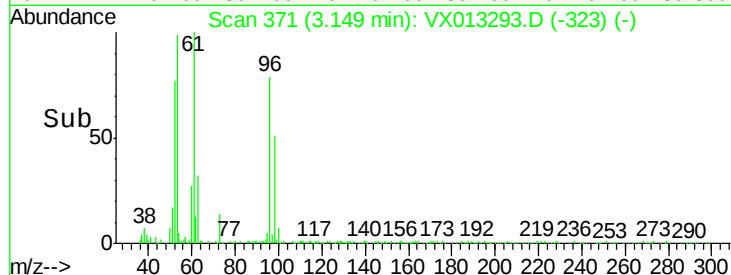
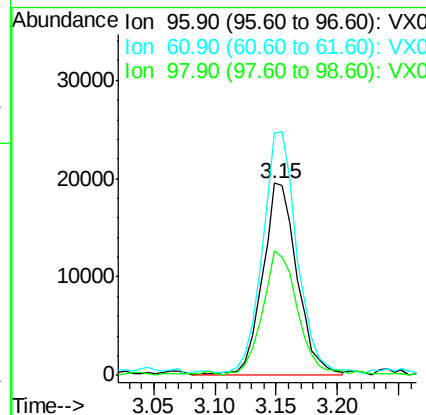
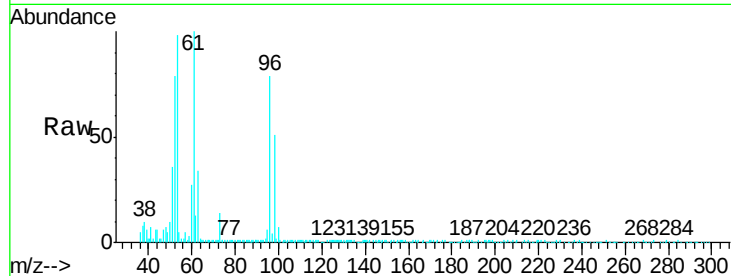
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	38526
Ion	Ratio	Lower	Upper
96	100		
61	126.2	105.8	158.6
98	64.8	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 6.031 ug/l

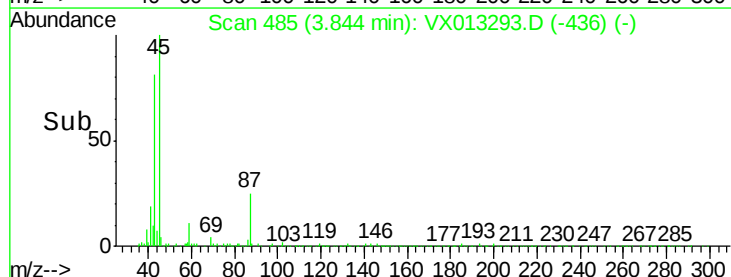
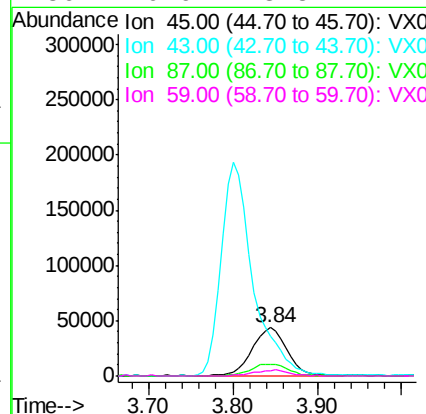
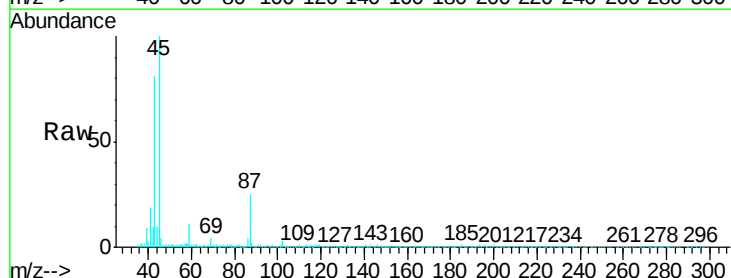
RT: 3.84 min Scan# 485

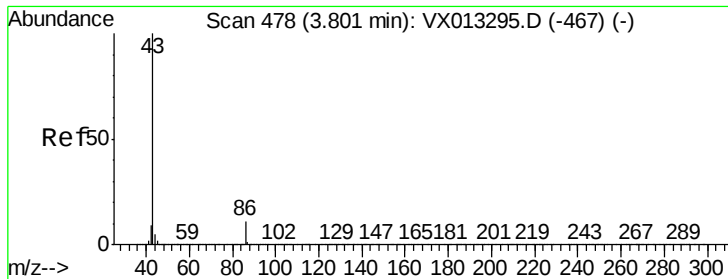
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	45	Resp:	119822
Ion	Ratio	Lower	Upper
45	100		
43	80.7	54.2	81.2
87	25.3	21.8	32.8
59	10.9	8.5	12.7





#23

Vinyl Acetate

Concen: 30.236 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 505967

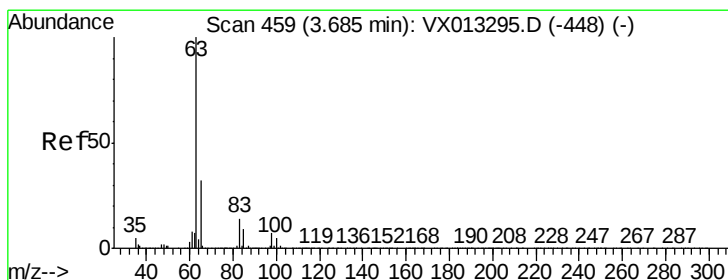
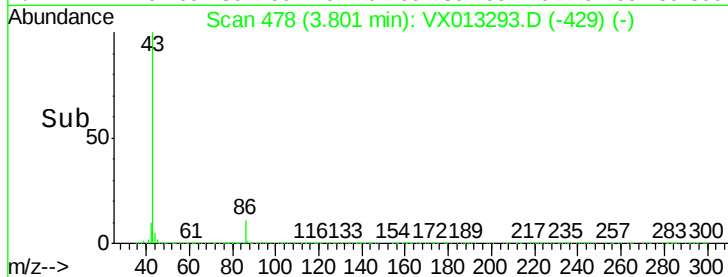
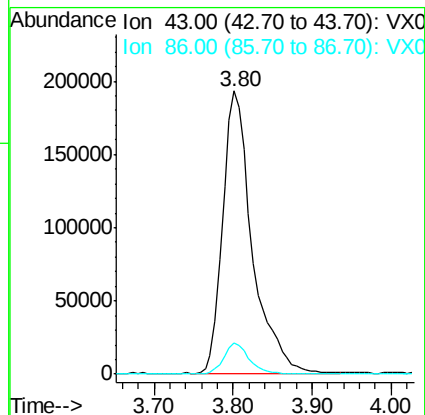
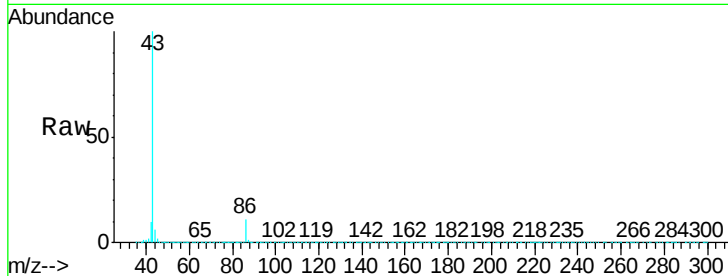
Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 5.834 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

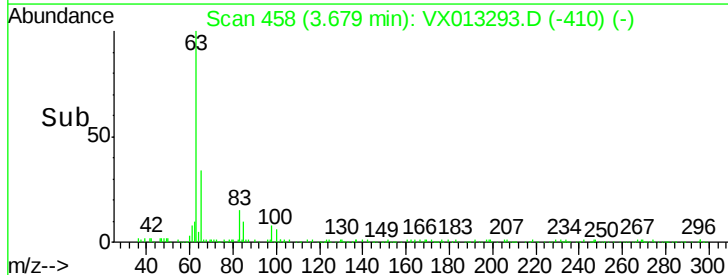
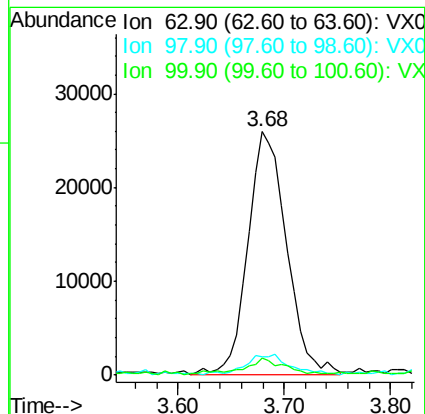
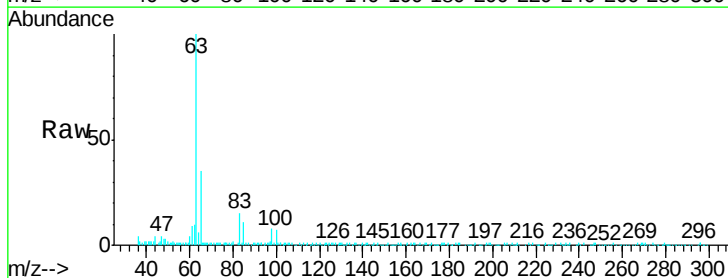
Tgt Ion: 63 Resp: 66463

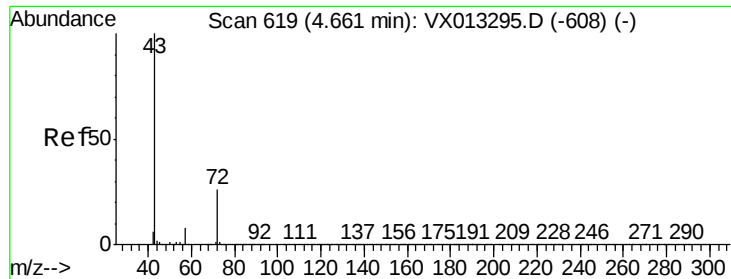
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 6.4 2.4 7.2





#25

2-Butanone

Concen: 31.226 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 158355

Ion Ratio Lower Upper

43 100

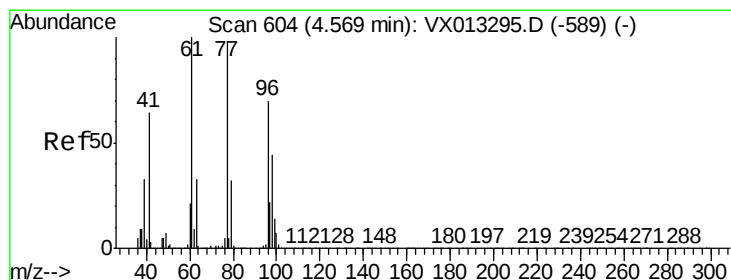
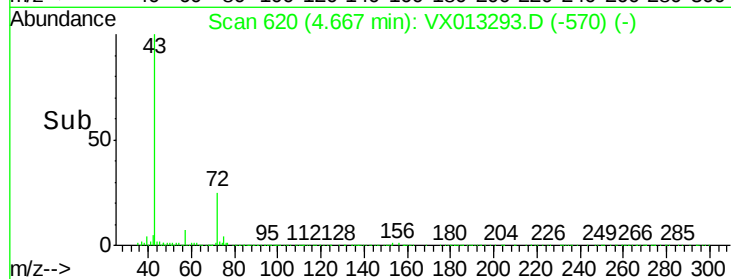
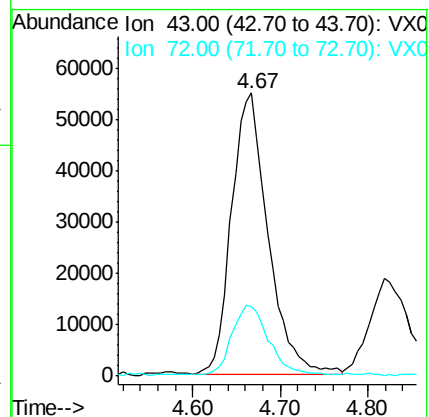
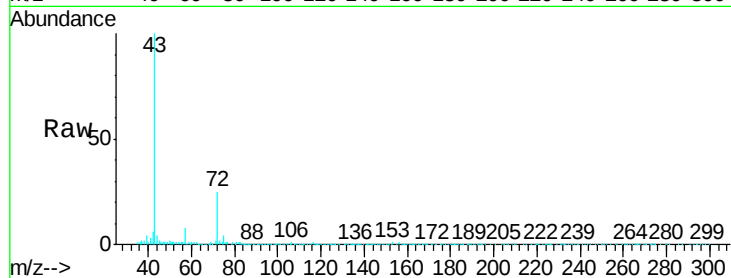
72 24.3 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.496 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013293.D

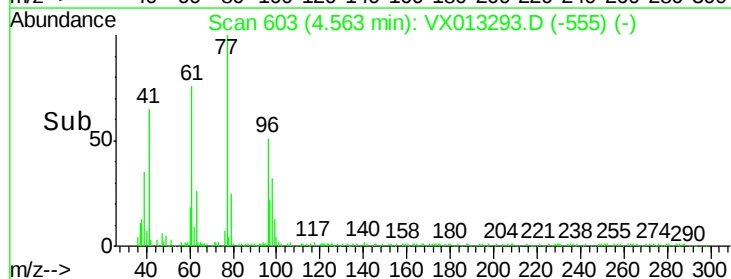
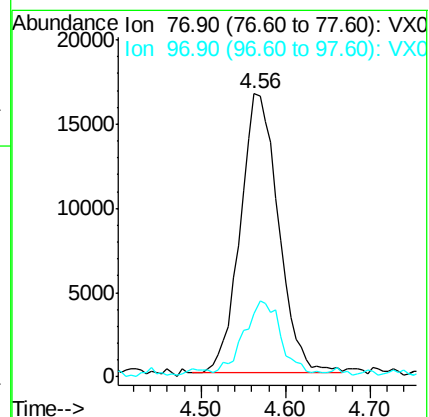
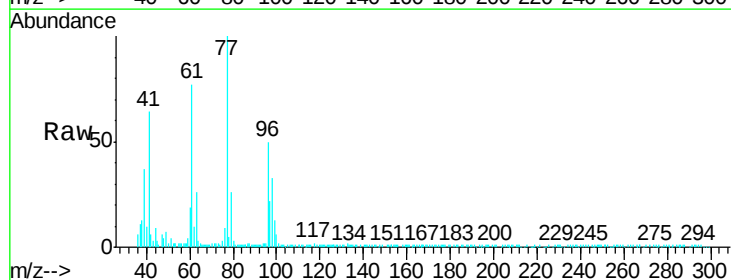
Acq: 31 Oct 2019 16:42

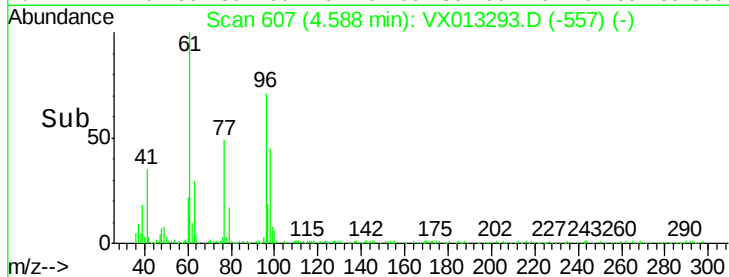
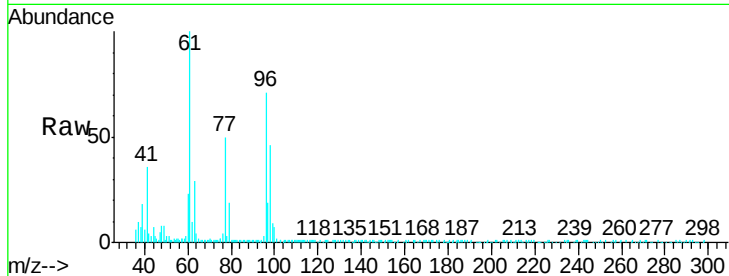
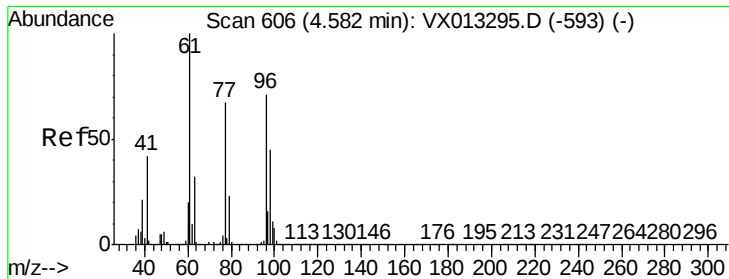
Tgt Ion: 77 Resp: 50990

Ion Ratio Lower Upper

77 100

97 27.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 5.268 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	96	Resp:	40817
Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	288.0
98	67.1	0.0	129.6

Instrument :

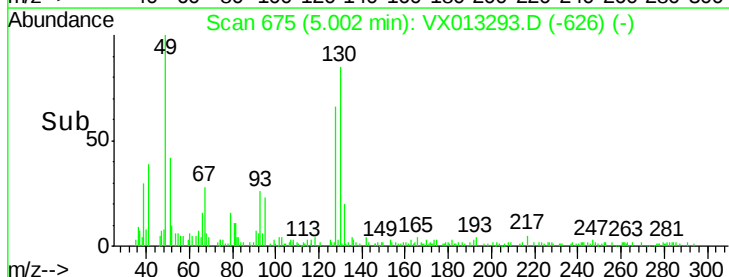
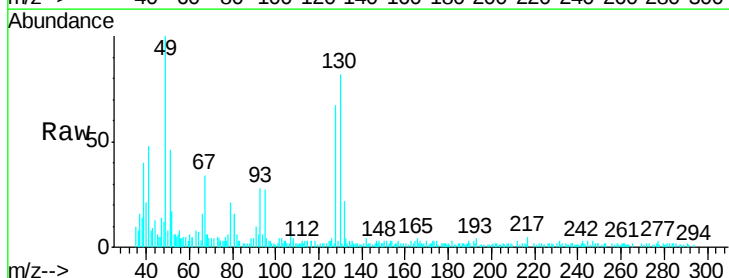
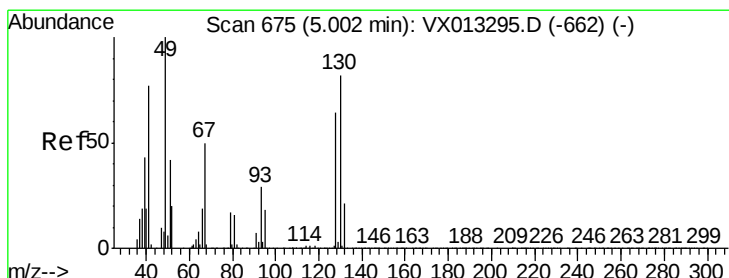
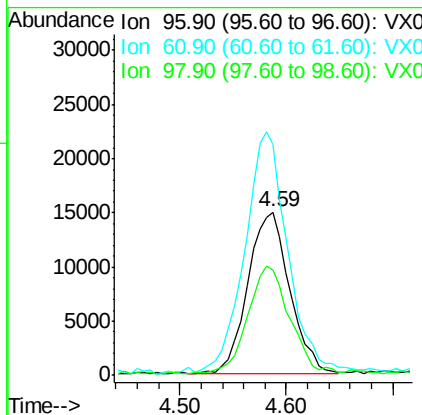
MSVOA_X

ClientSampleId :

VSTDIC005

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11/4/2019 3:40:59 PM



#28

Bromochloromethane

Concen: 3.606 ug/l

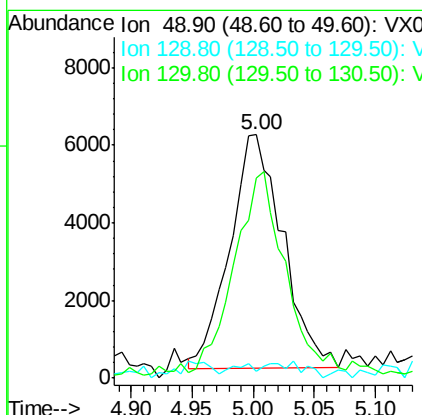
RT: 5.00 min Scan# 675

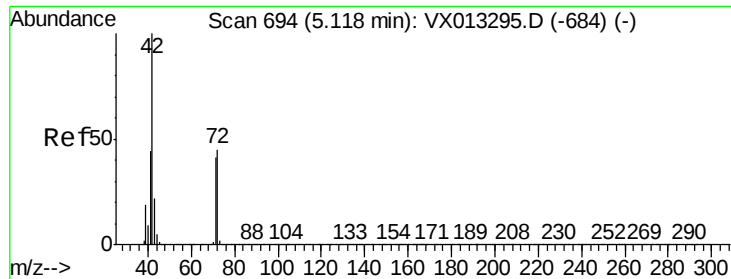
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	49	Resp:	17990
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	88.4	63.8	95.6





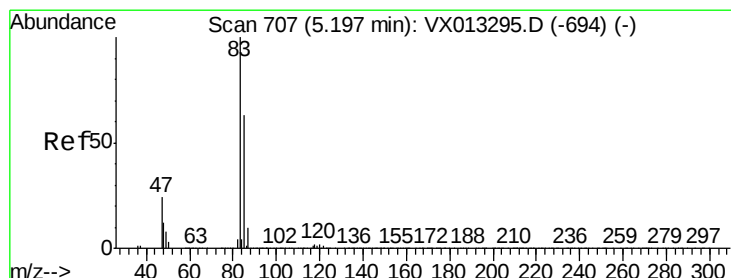
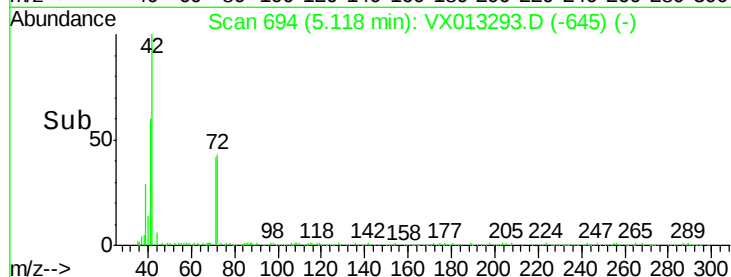
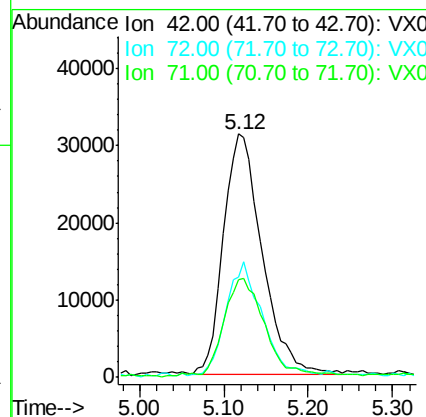
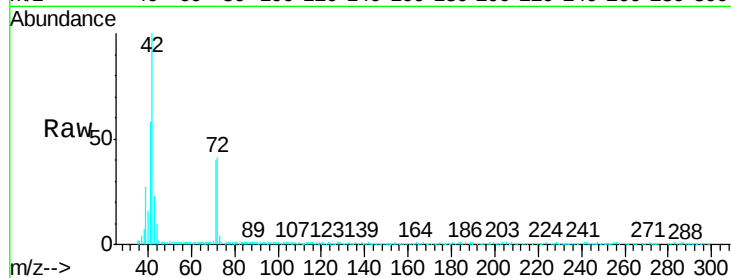
#29
Tetrahydrofuran
Concen: 30.398 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	40.7	33.4	50.0

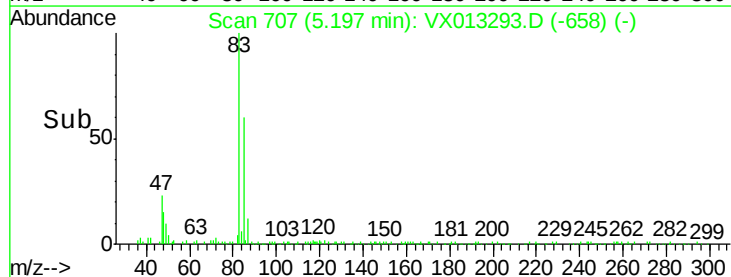
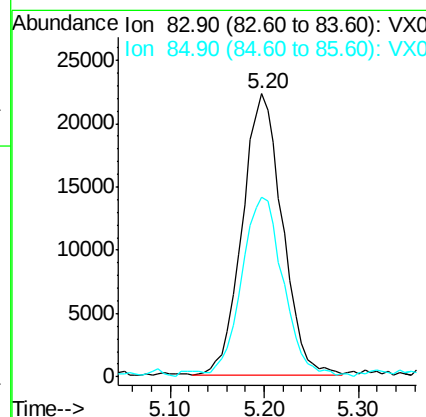
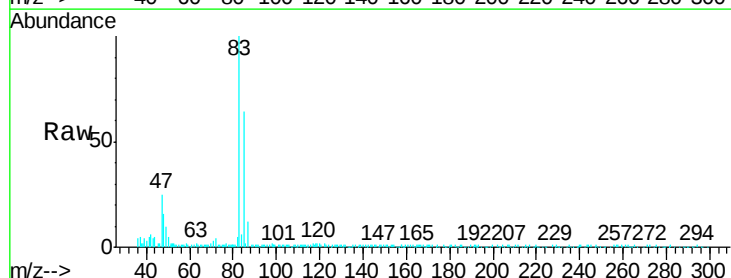
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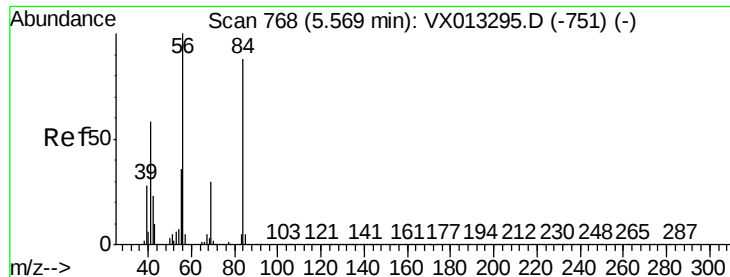
MMDadoda
11/4/2019 3:40:59 PM



#30
Chloroform
Concen: 5.436 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.2	75.4





#31

Cyclohexane

Concen: 5.564 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

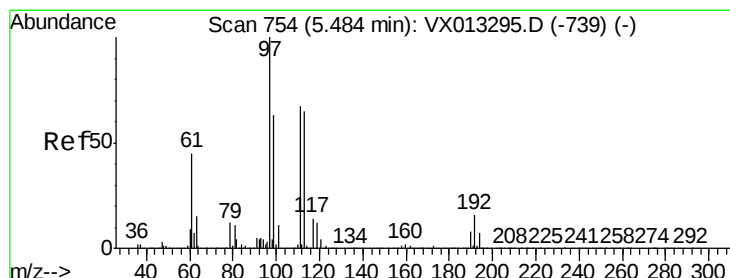
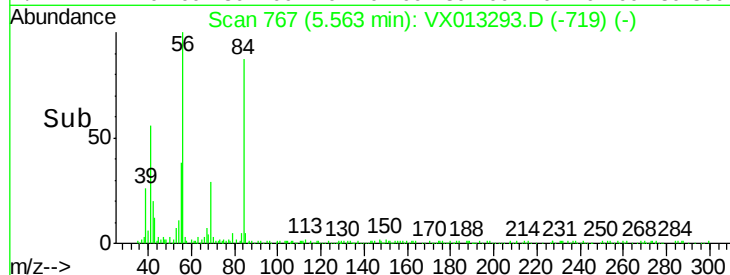
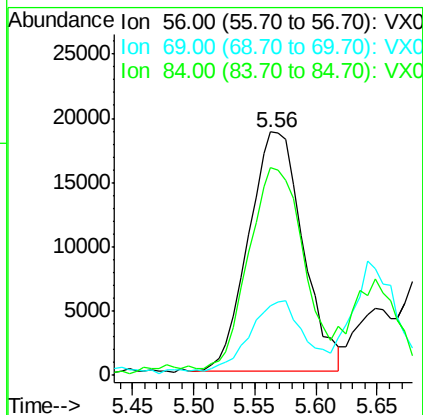
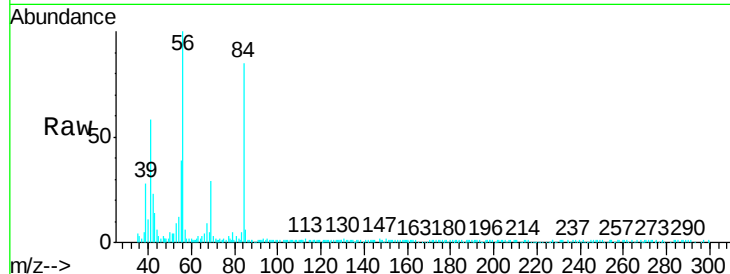
ClientSampleId :

VSTDIC005

Tgt Ion:	56	Resp:	57684
Ion	Ratio	Lower	Upper
56	100		
69	26.0	23.7	35.5
84	82.5	70.6	105.8

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#32

1,1,1-Trichloroethane

Concen: 5.125 ug/l

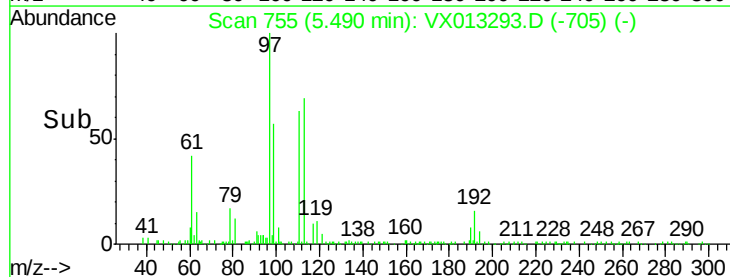
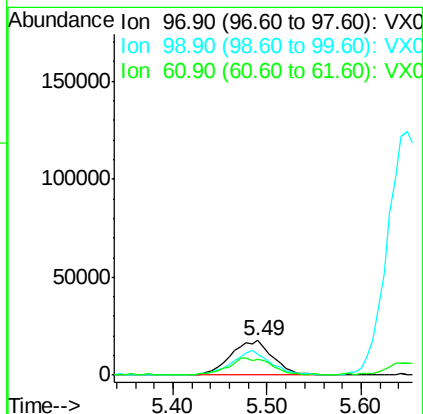
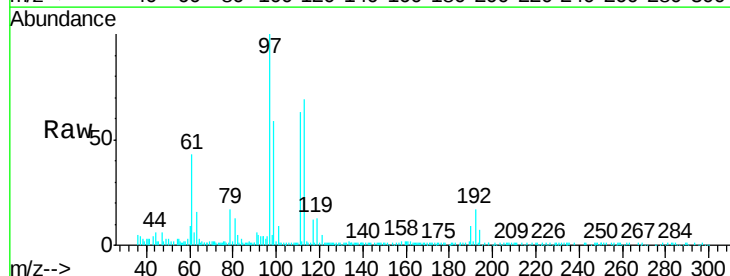
RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	97	Resp:	53506
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.1	76.7
61	50.4	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 5.691 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 43382

Ion Ratio Lower Upper

65 100

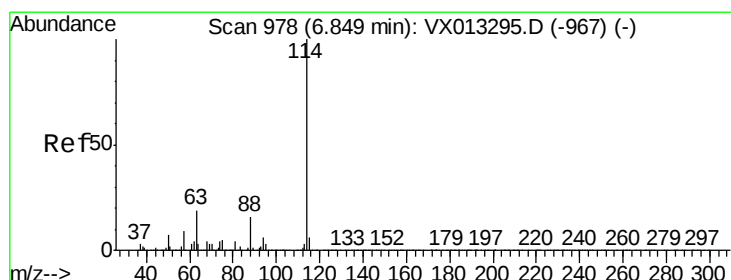
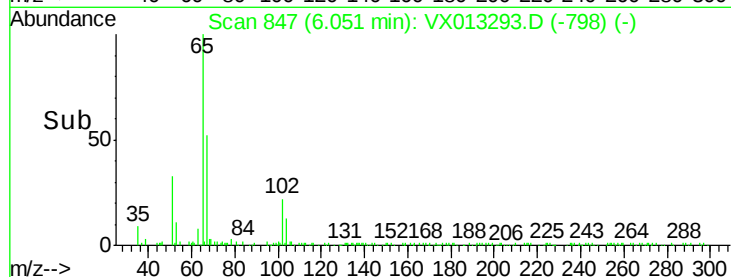
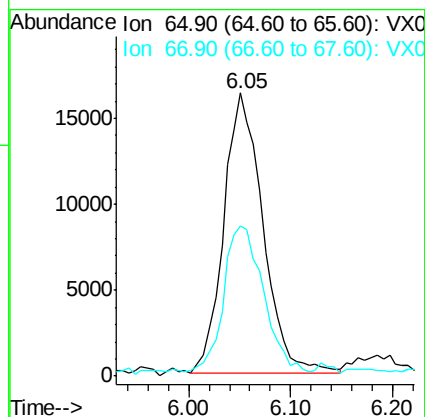
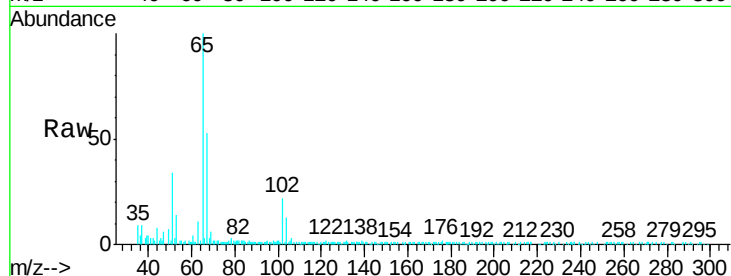
67 52.5 0.0 104.2

Manual Integrations

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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: VX013293.D

Acq: 31 Oct 2019 16:42

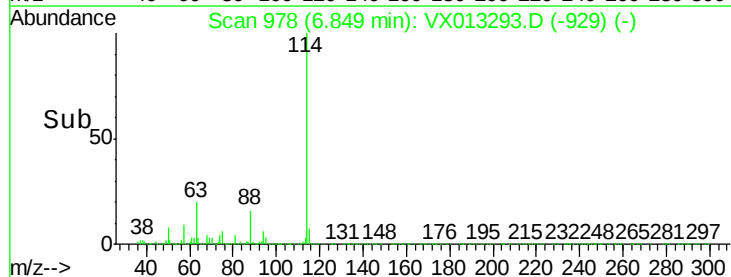
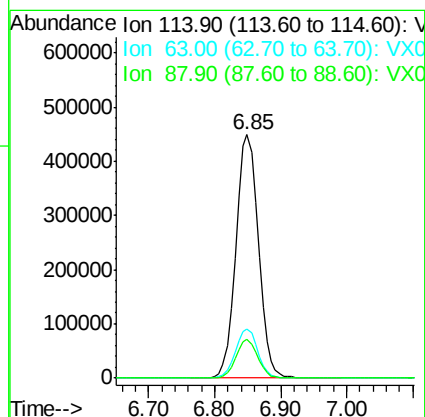
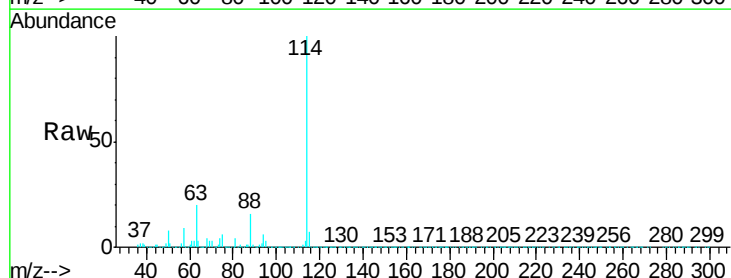
Tgt Ion: 114 Resp: 1057337

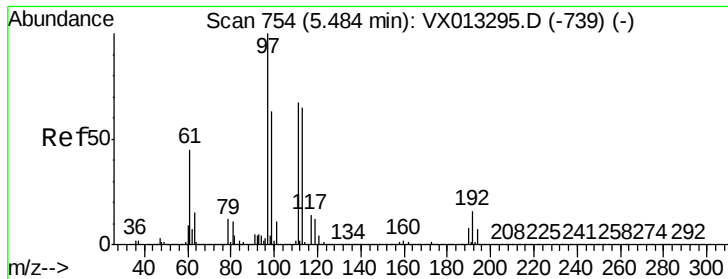
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 15.8 0.0 32.2





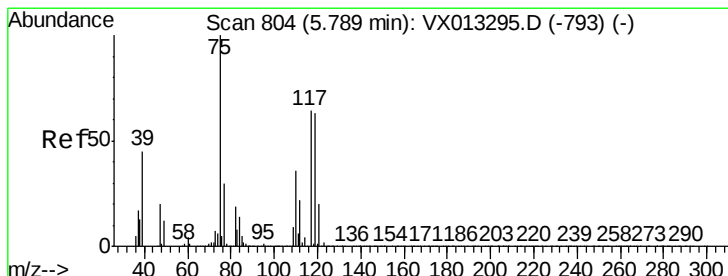
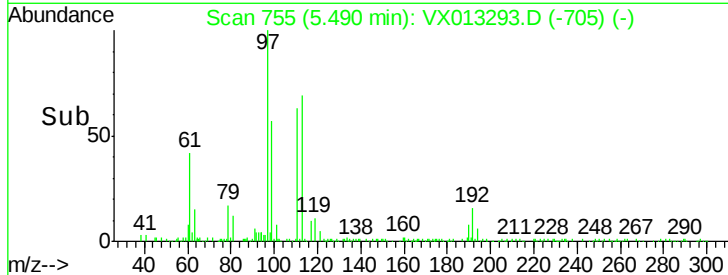
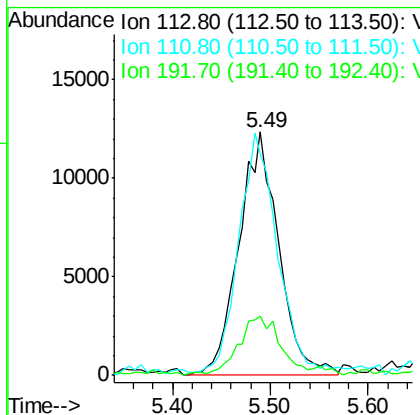
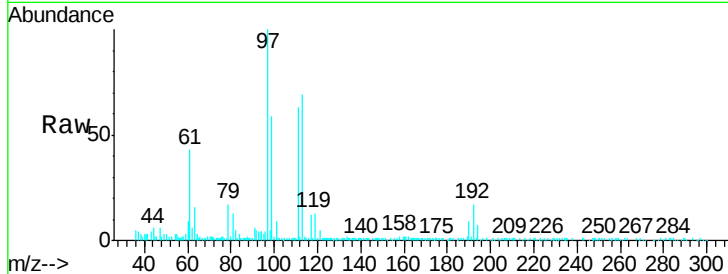
#35
 Dibromofluoromethane
 Concen: 5.222 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	34987		
111	94.9	81.9	122.9	
192	25.3	19.1	28.7	

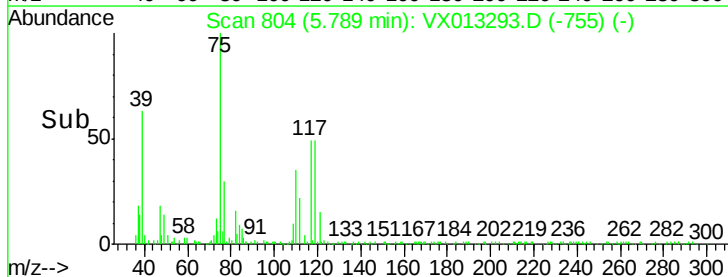
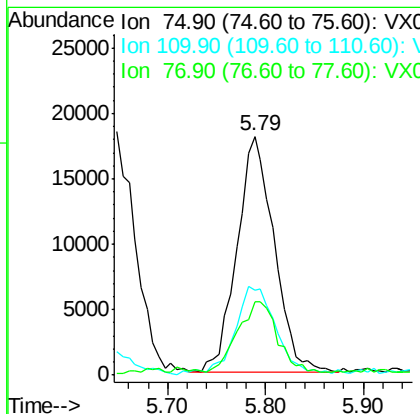
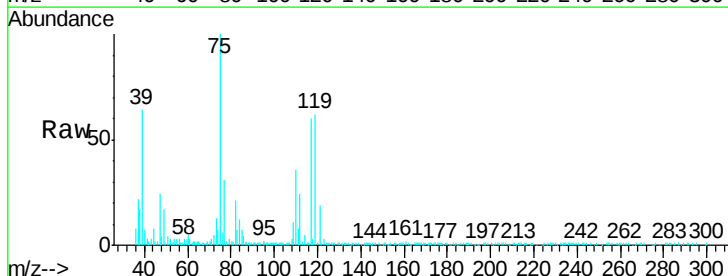
Manual Integrations
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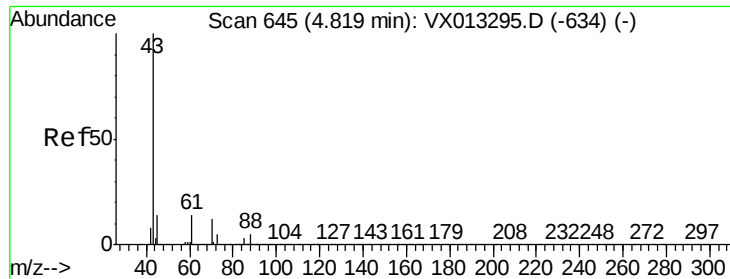
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#36
 1,1-Dichloropropene
 Concen: 5.395 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47683		
110	40.1	18.1	54.1	
77	31.9	25.0	37.4	





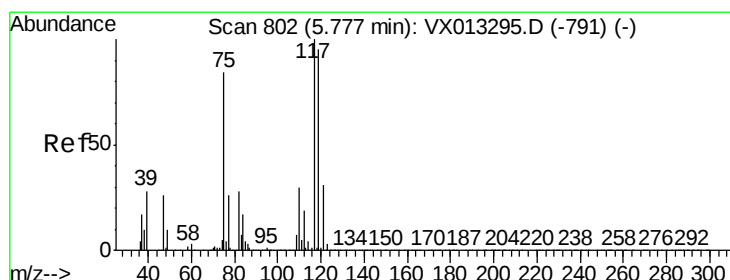
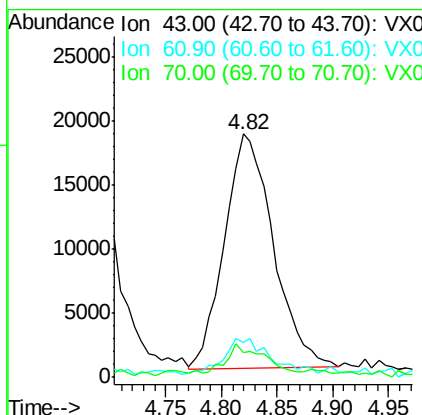
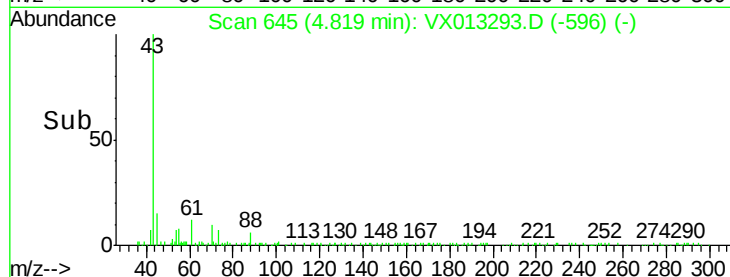
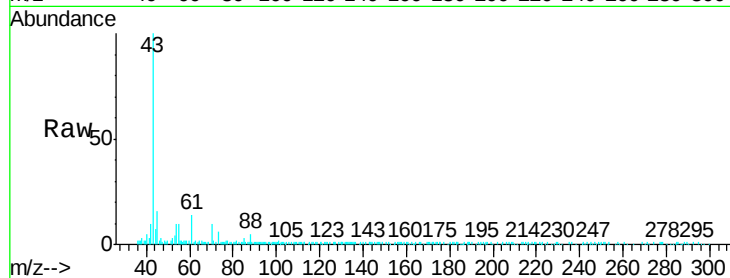
#37
Ethyl Acetate
Concen: 5.994 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.7	16.1
70	9.8	8.7	13.1

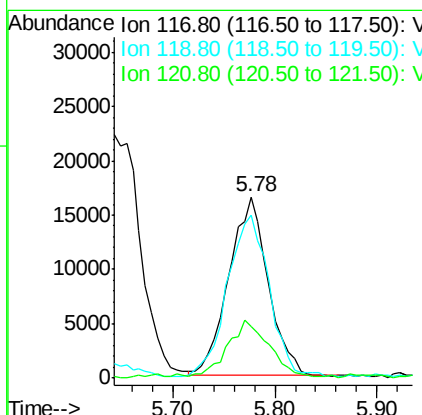
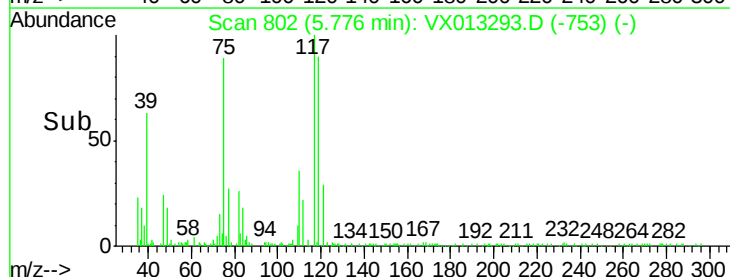
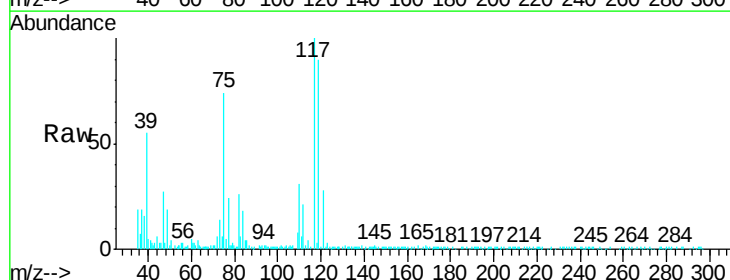
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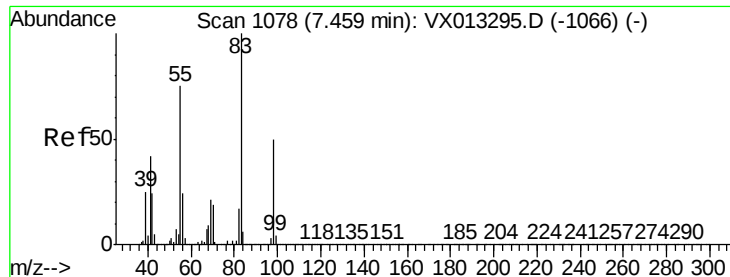
MMDadoda
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#38
Carbon Tetrachloride
Concen: 4.865 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.9	76.1	114.1
121	28.3	24.6	37.0





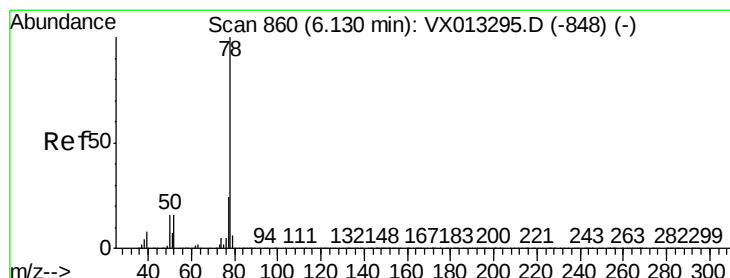
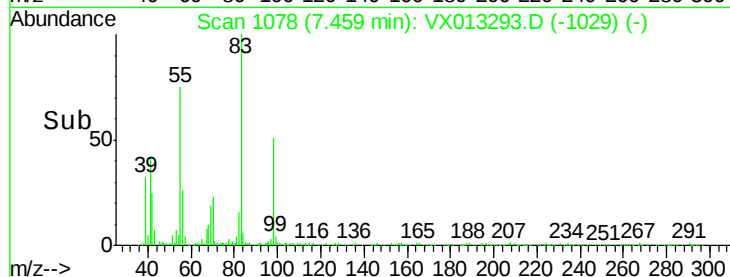
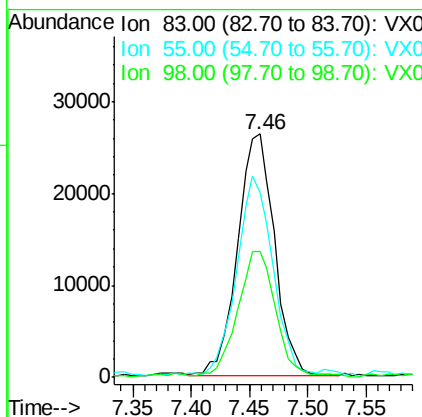
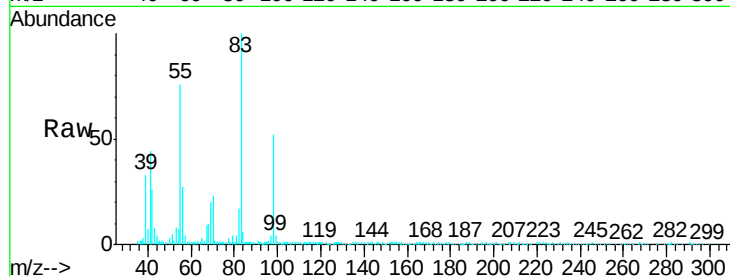
#39
Methylcyclohexane
Concen: 5.107 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.3	90.5
98	51.3	40.3	60.5

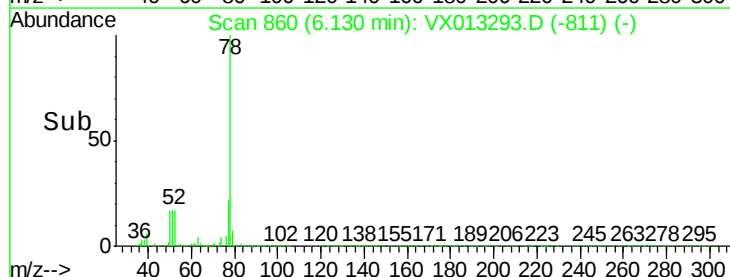
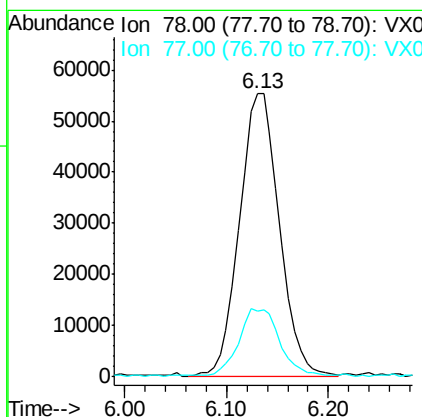
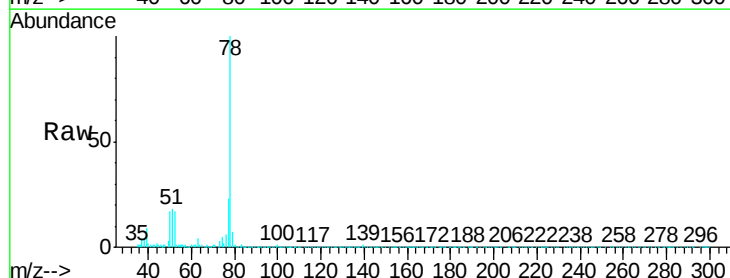
Manual Integrations
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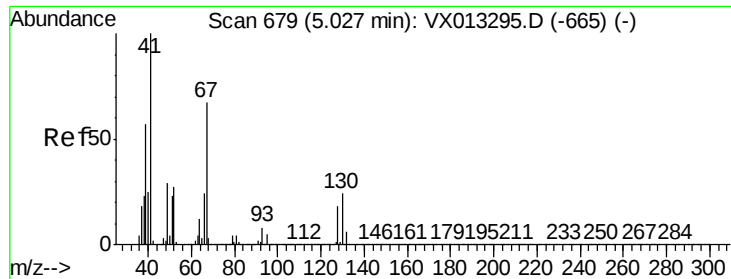
MMDadoda
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#40
Benzene
Concen: 5.544 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.5	29.3





#41

Methacrylonitrile

Concen: 6.279 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

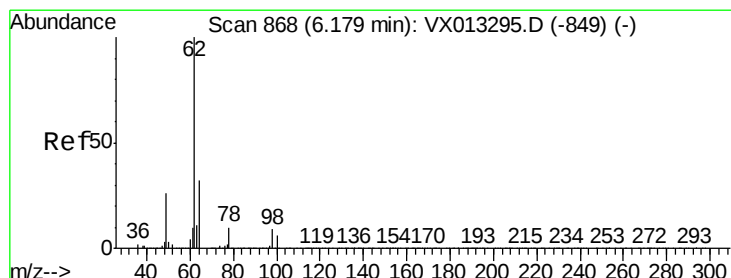
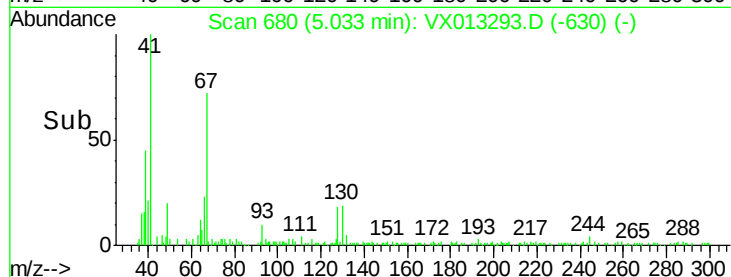
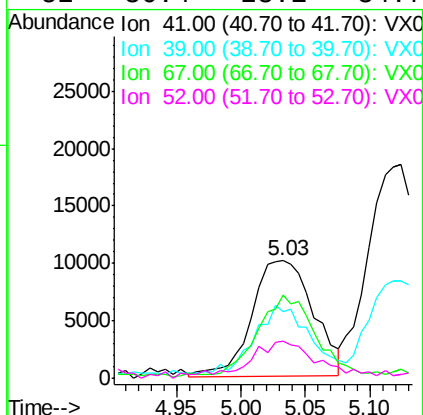
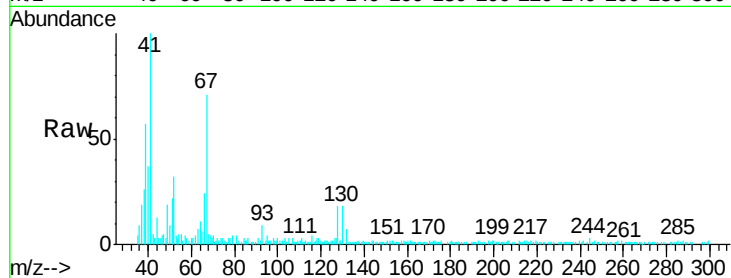
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.0	45.0	67.6
67	64.6	55.4	83.2
52	36.4	23.1	34.7#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.594 ug/l

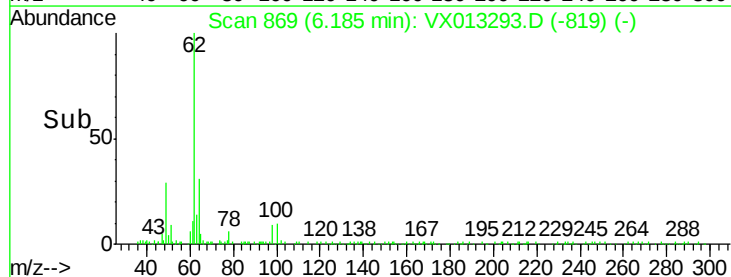
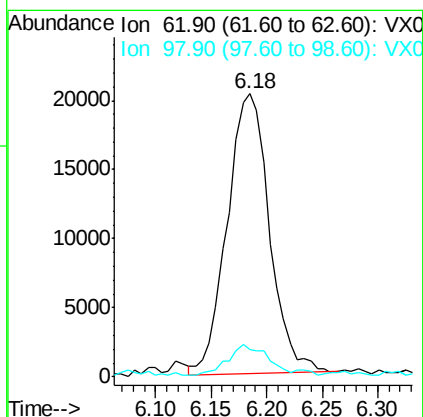
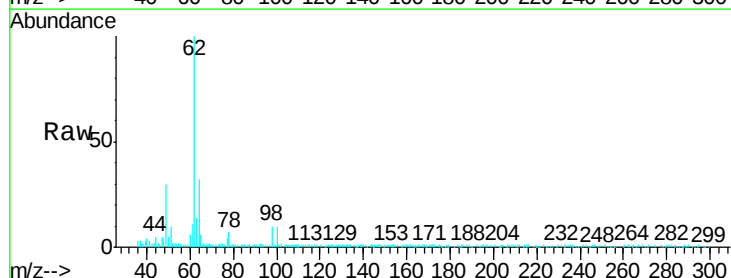
RT: 6.18 min Scan# 869

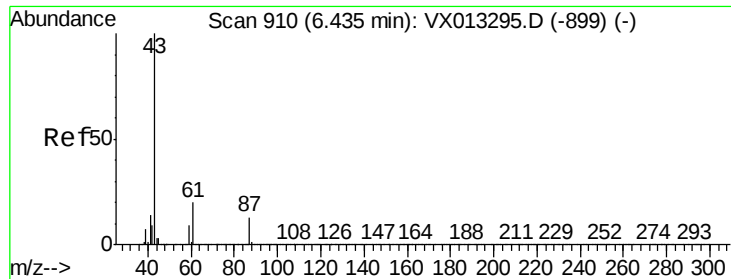
Delta R.T. 0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 5.876 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

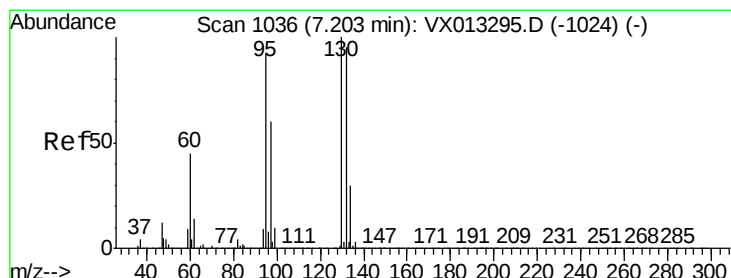
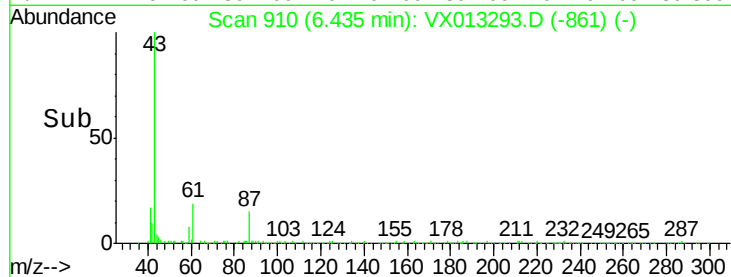
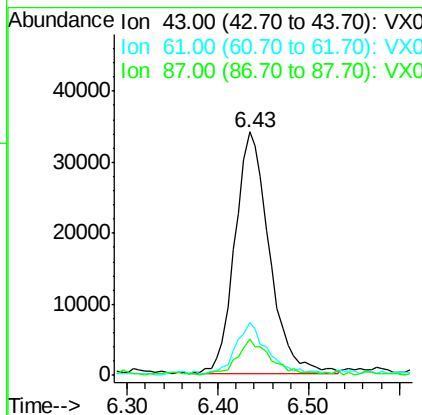
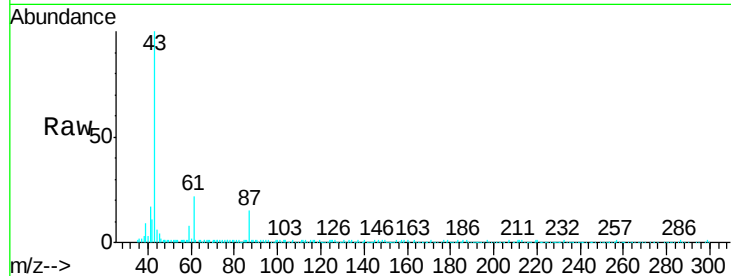
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	89831
Ion Ratio	Lower	Upper	
43	100		
61	20.3	15.8	23.8
87	13.9	10.4	15.6

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#44

Trichloroethene

Concen: 5.095 ug/l

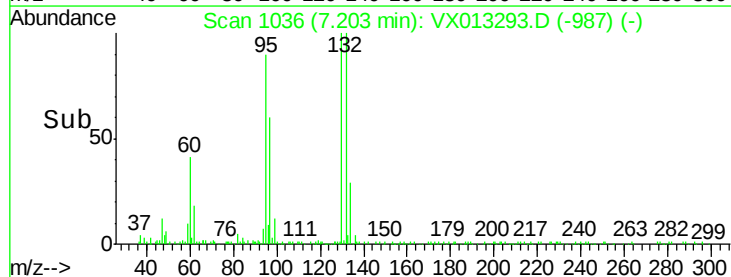
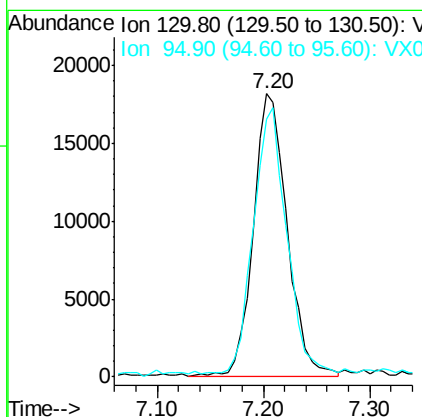
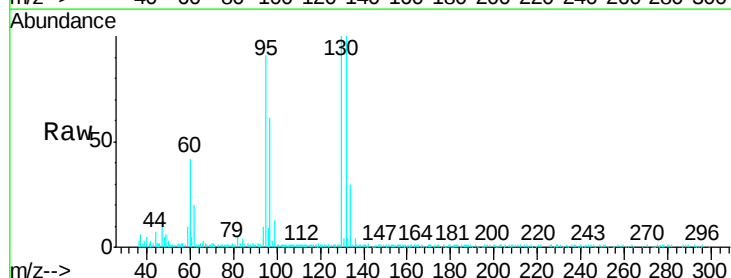
RT: 7.20 min Scan# 1036

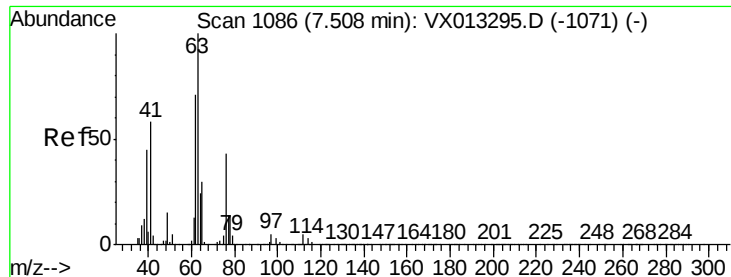
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	130	Resp:	40181
Ion Ratio	Lower	Upper	
130	100		
95	90.4	0.0	184.8





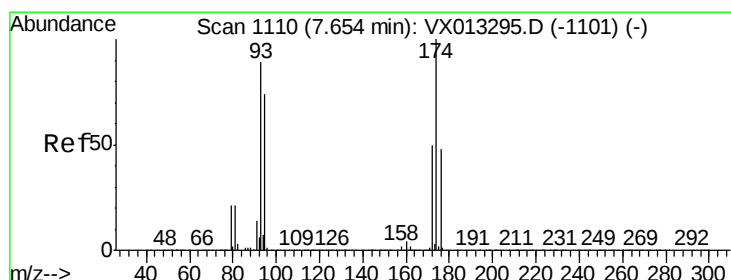
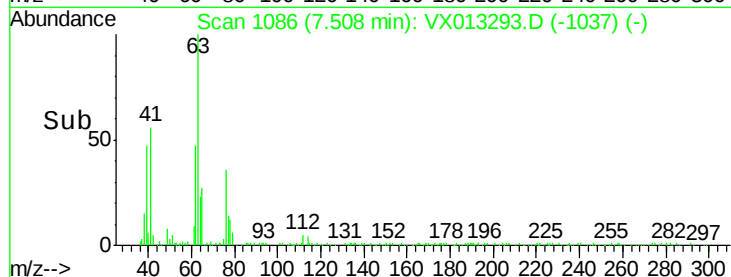
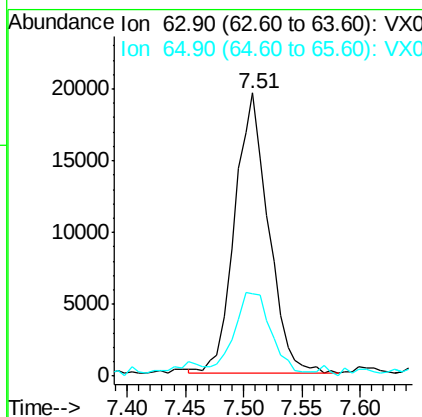
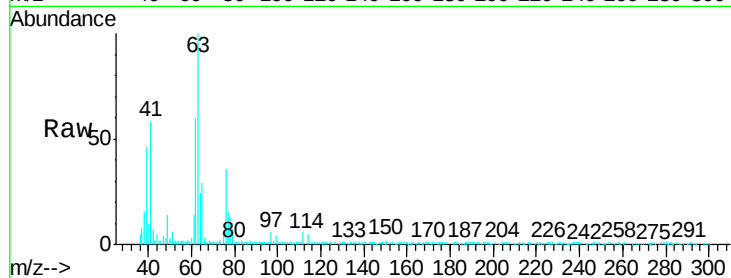
#45
 1,2-Dichloropropane
 Concen: 5.751 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
63	100		
65	28.7	24.3	36.5

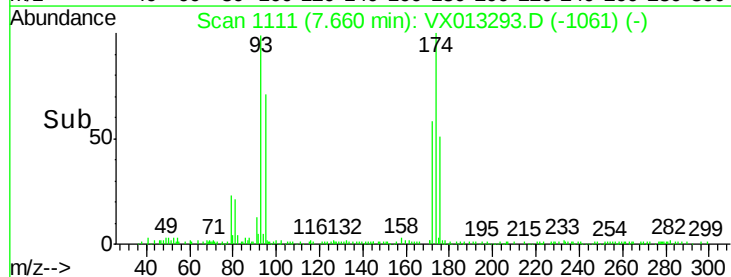
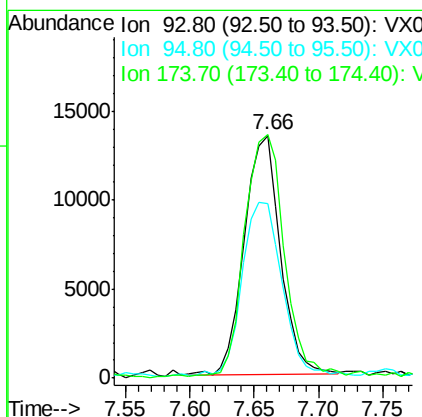
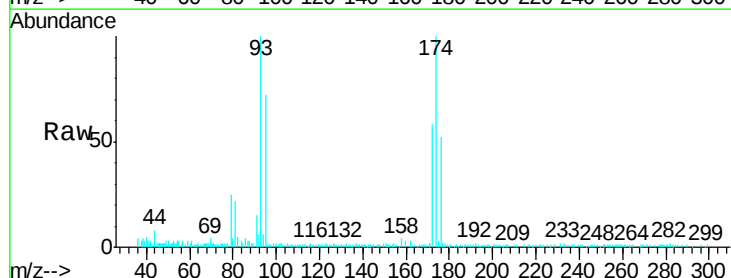
Manual Integrations
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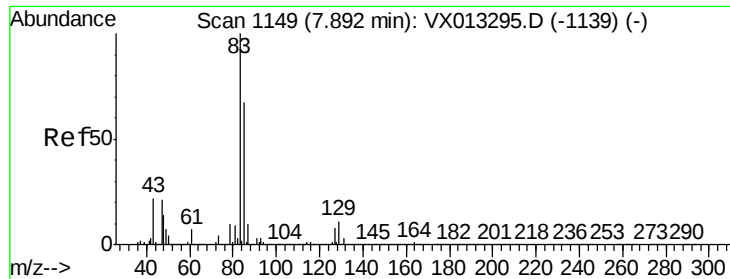
MMDadoda
 11/4/2019 3:40:59 PM



#46
 Dibromomethane
 Concen: 5.378 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.2	65.8	98.6
174	109.6	90.4	135.6





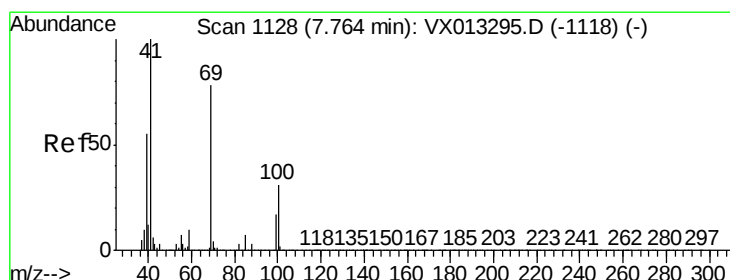
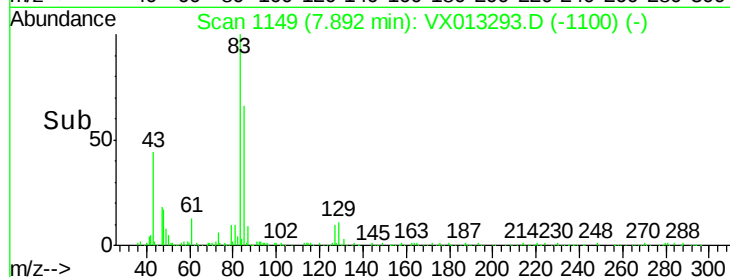
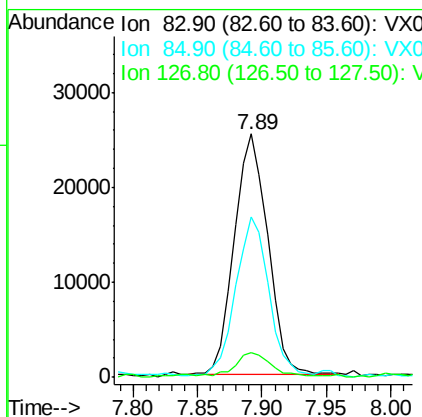
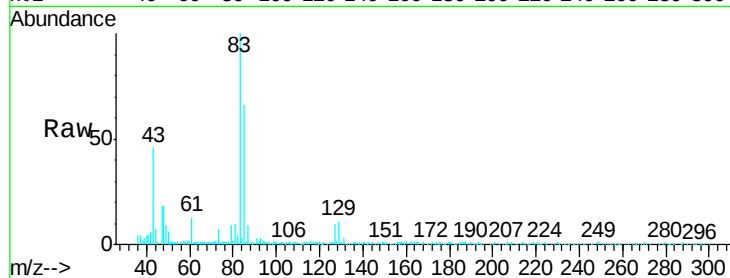
#47
Bromodichloromethane
Concen: 5.243 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	46073		
85	65.9	53.7	80.5	
127	9.0	6.4	9.6	

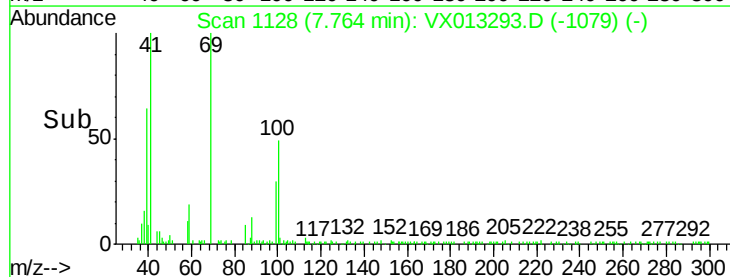
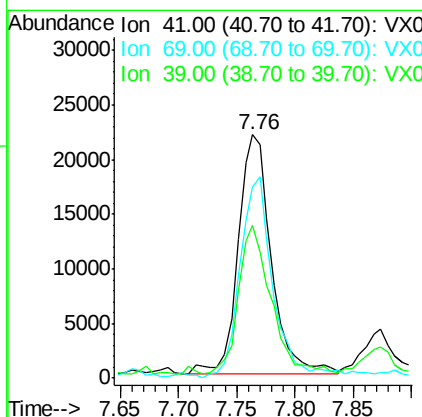
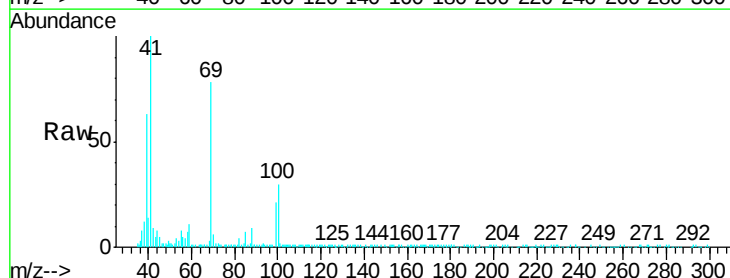
Manual Integrations
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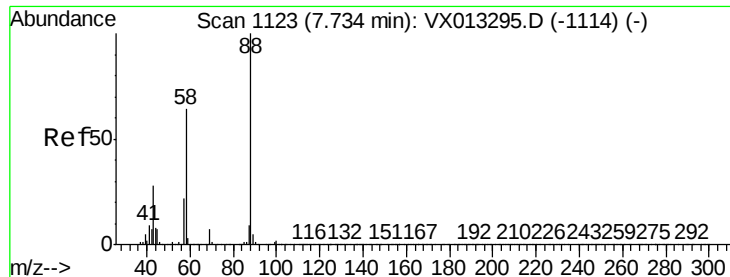
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#48
Methyl methacrylate
Concen: 5.816 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	43822		
69	85.3	63.0	94.6	
39	62.7	45.9	68.9	





#49

1,4-Dioxane

Concen: 98.112 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

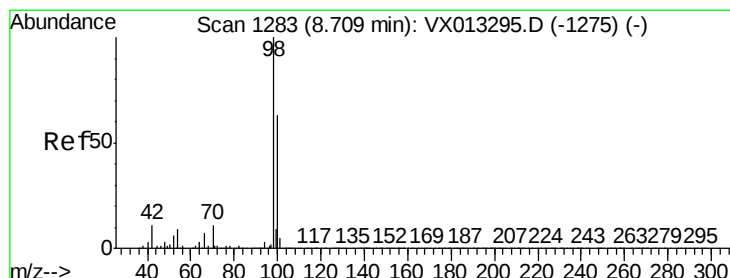
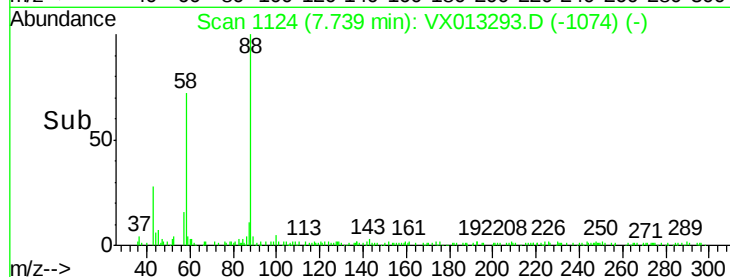
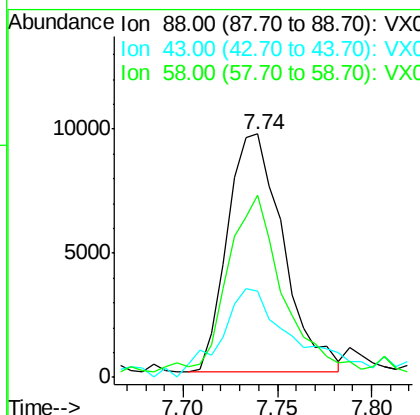
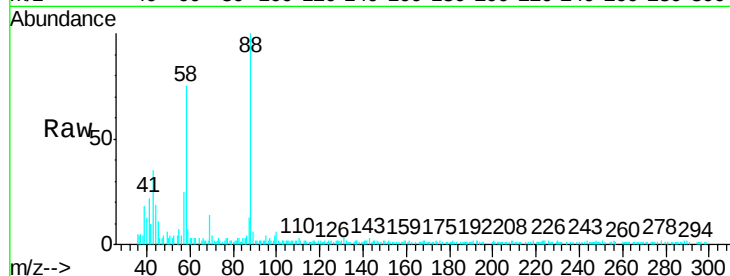
ClientSampleId :

VSTDIC005

Tgt Ion:	88	Resp:	19765
Ion Ratio	Lower	Upper	
88	100		
43	49.5	26.6	39.8#
58	73.0	55.0	82.6

Manual Integrations
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#50

Toluene-d8

Concen: 5.046 ug/l

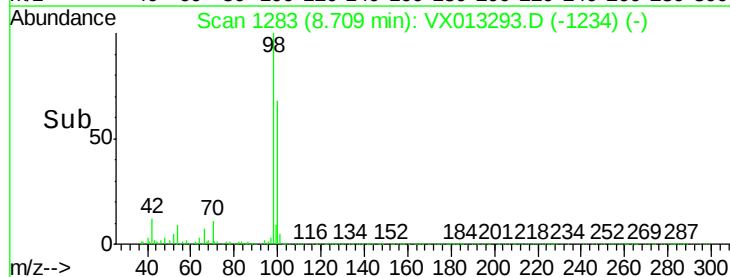
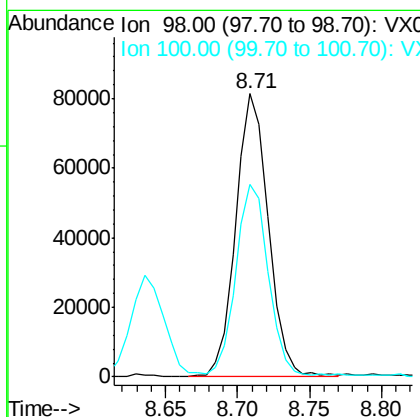
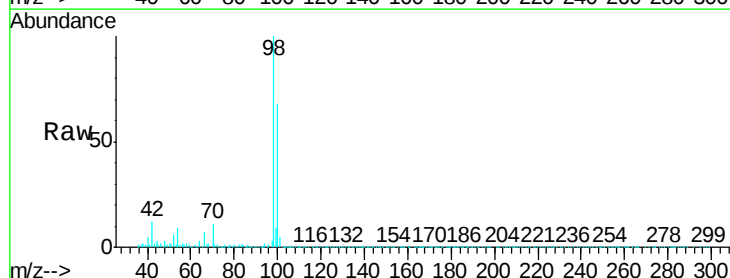
RT: 8.71 min Scan# 1283

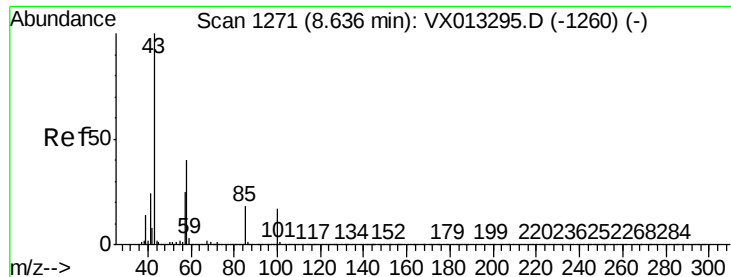
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	98	Resp:	127081
Ion Ratio	Lower	Upper	
98	100		
100	67.8	52.2	78.2





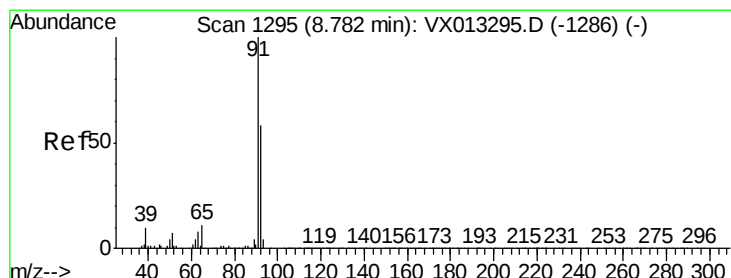
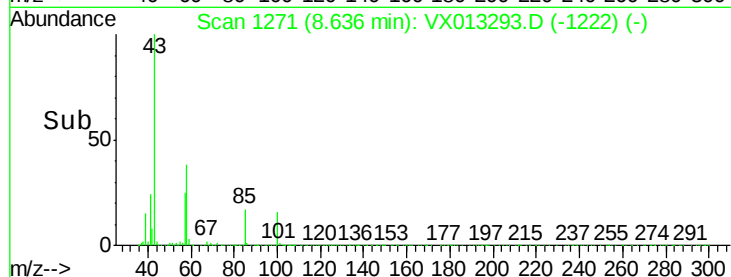
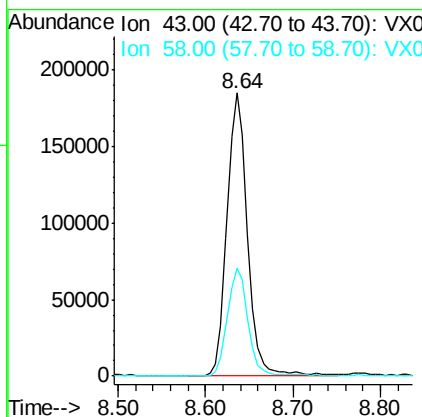
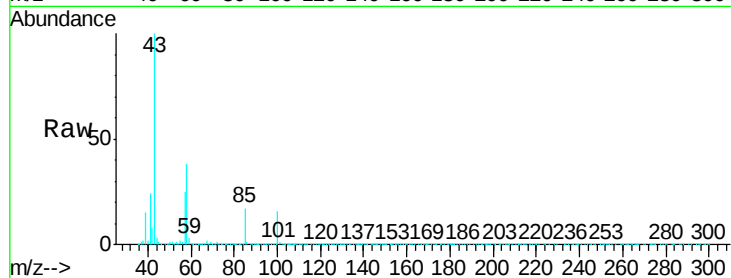
#51
4-Methyl-2-Pentanone
Concen: 30.169 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.9	31.4	47.0

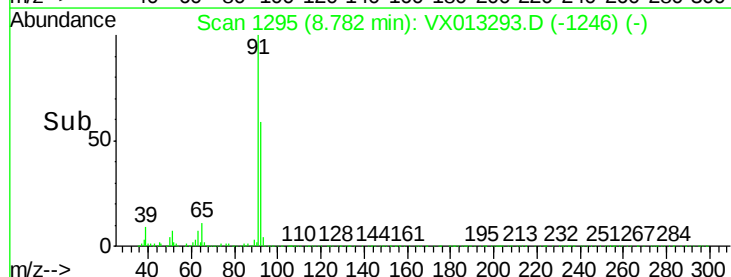
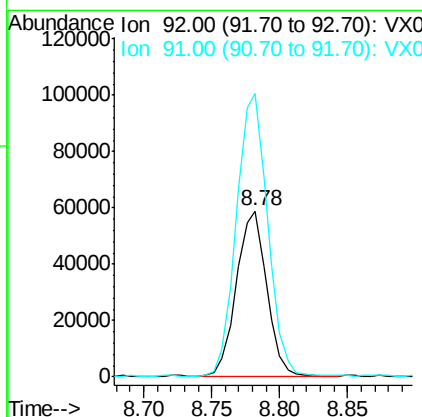
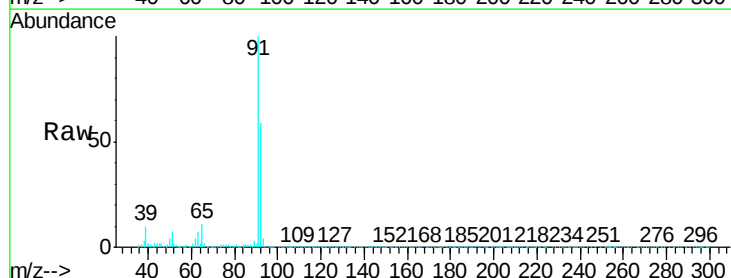
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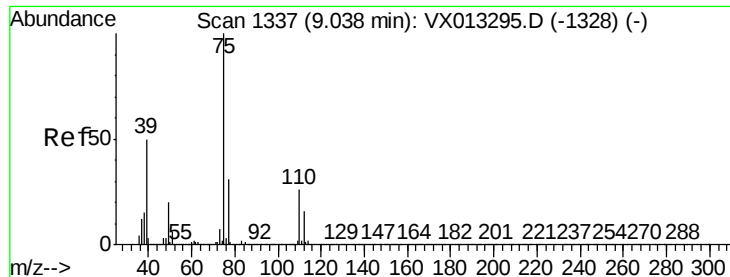
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#52
Toluene
Concen: 5.171 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.3	138.0	207.0





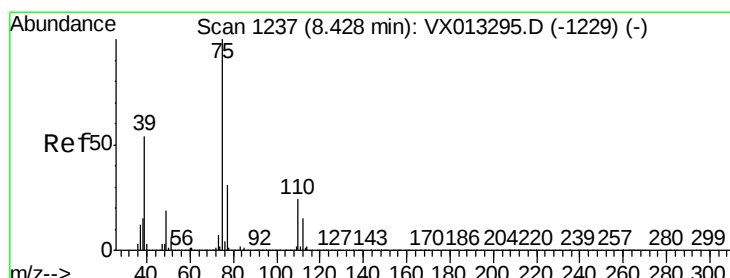
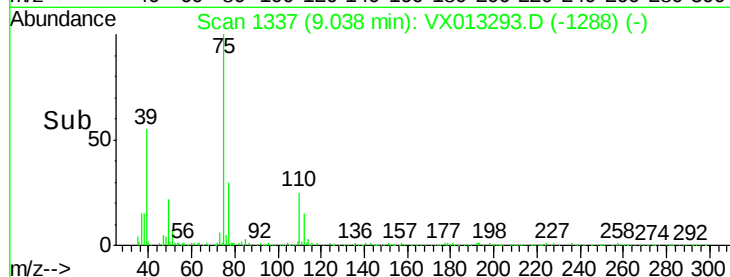
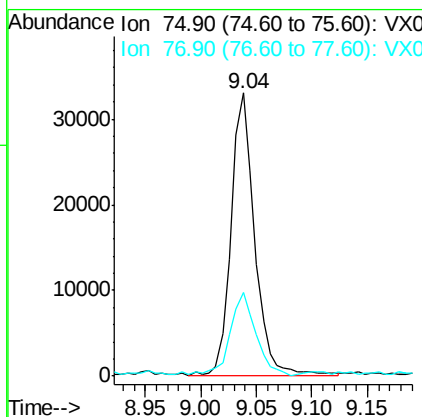
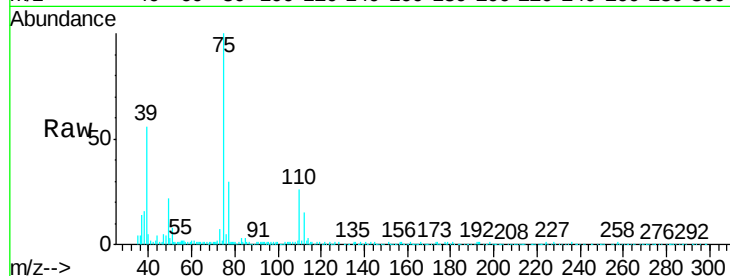
#53
t-1,3-Dichloropropene
Concen: 5.095 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 48301
Ion Ratio Lower Upper
75 100
77 28.7 25.0 37.4

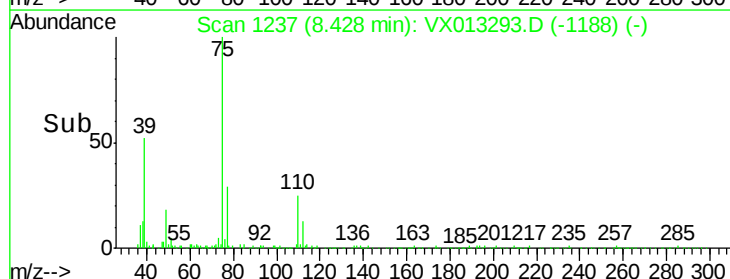
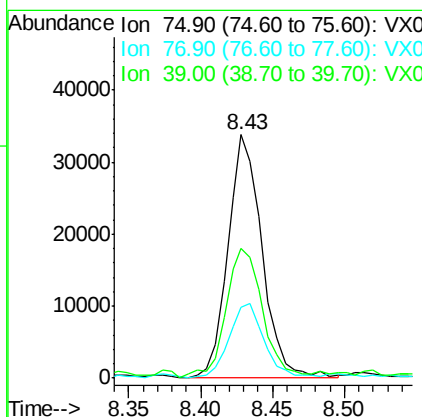
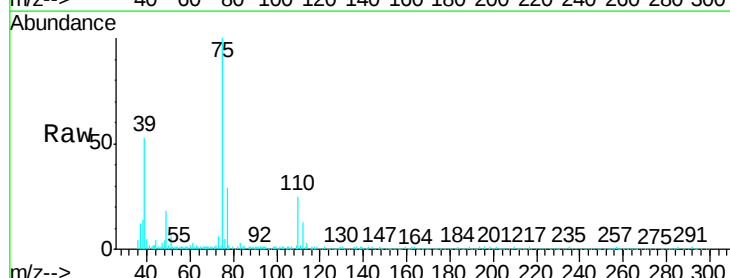
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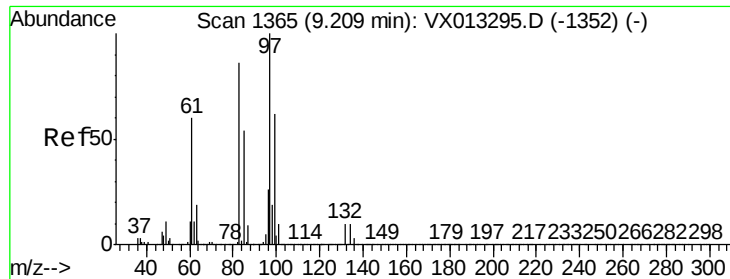
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#54
cis-1,3-Dichloropropene
Concen: 5.341 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion: 75 Resp: 56113
Ion Ratio Lower Upper
75 100
77 28.7 24.7 37.1
39 51.9 43.0 64.6





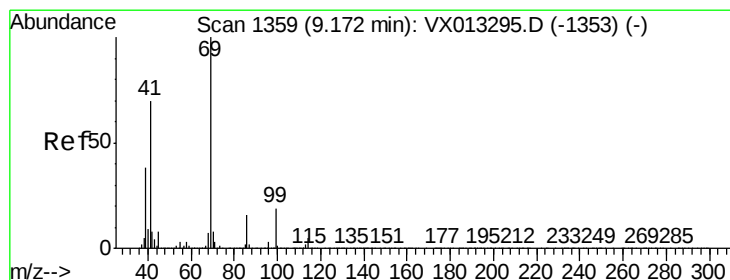
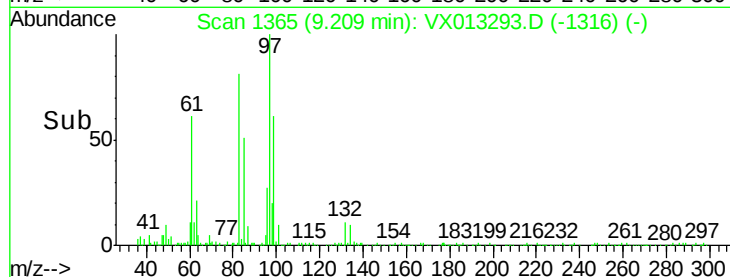
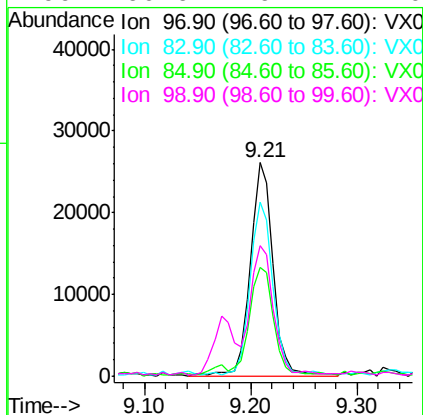
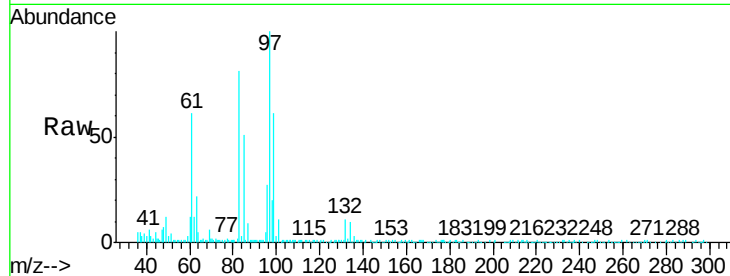
#55
1,1,2-Trichloroethane
Concen: 5.458 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.5	68.6	103.0
85	50.3	43.1	64.7
99	60.6	49.4	74.0

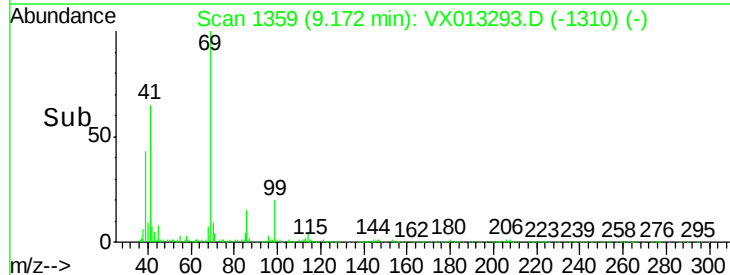
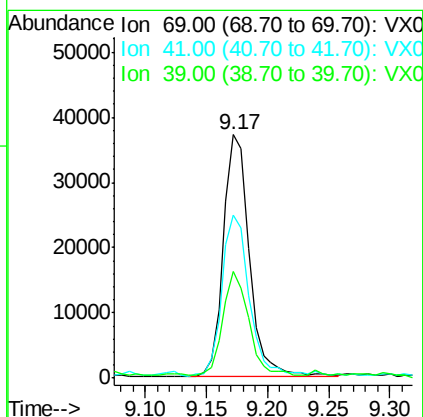
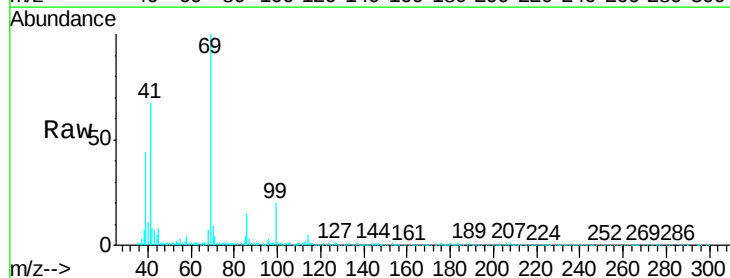
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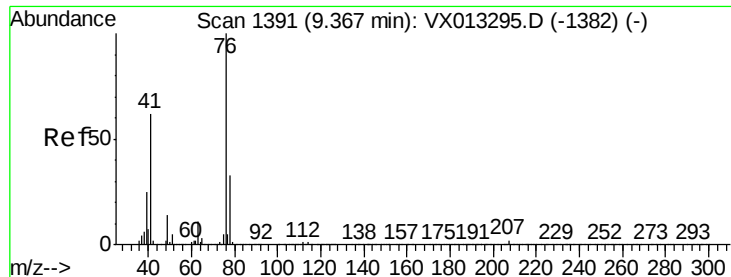
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#56
Ethyl methacrylate
Concen: 5.133 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.2	84.2
39	42.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 5.682 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 66217

Ion Ratio Lower Upper

76 100

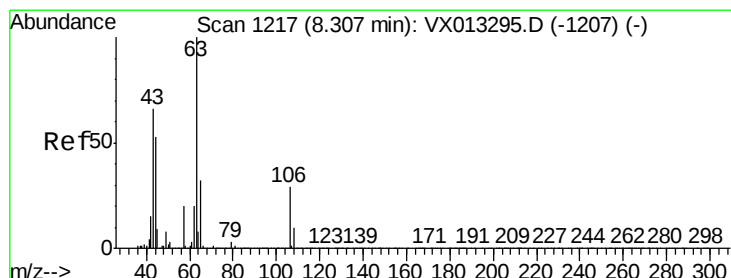
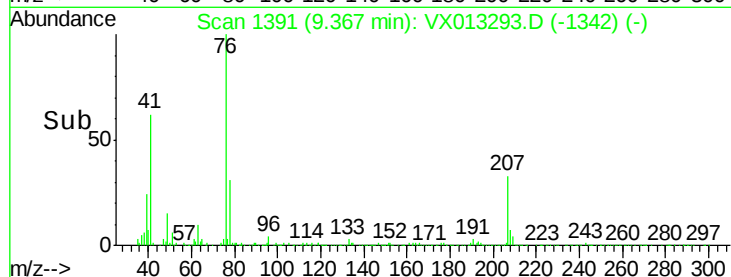
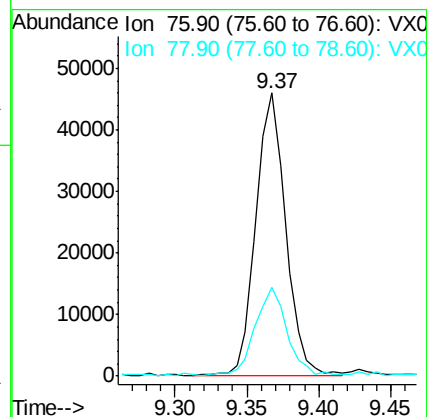
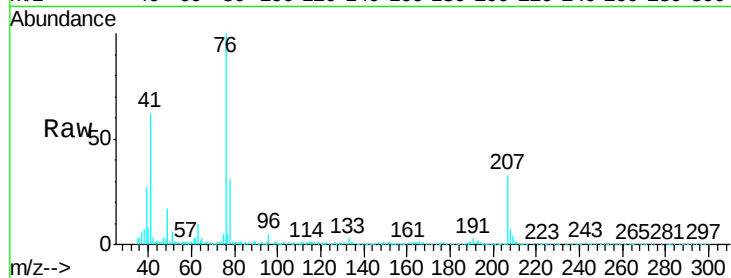
78 32.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 23.267 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013293.D

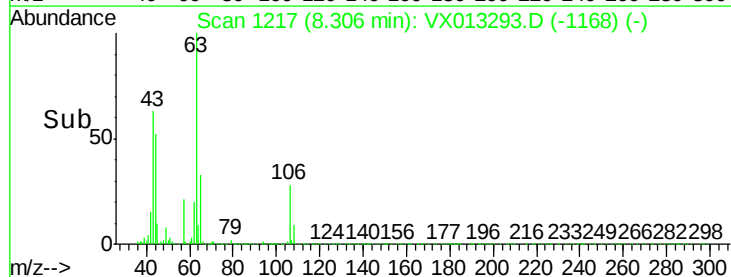
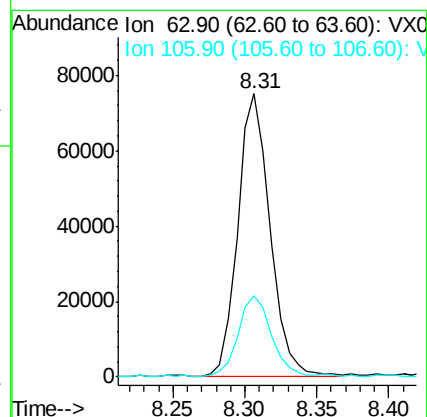
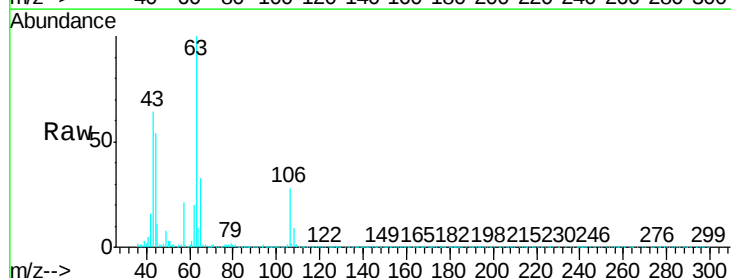
Acq: 31 Oct 2019 16:42

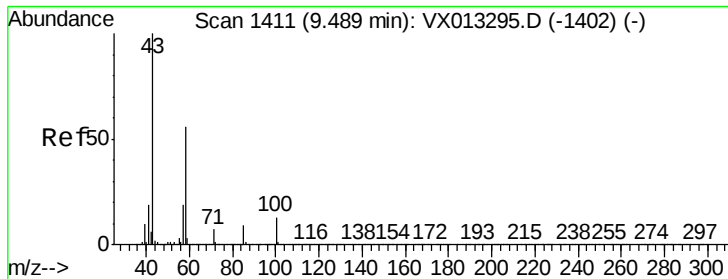
Tgt Ion: 63 Resp: 117889

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2





#59

2-Hexanone

Concen: 29.399 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 225574

Ion Ratio Lower Upper

43 100

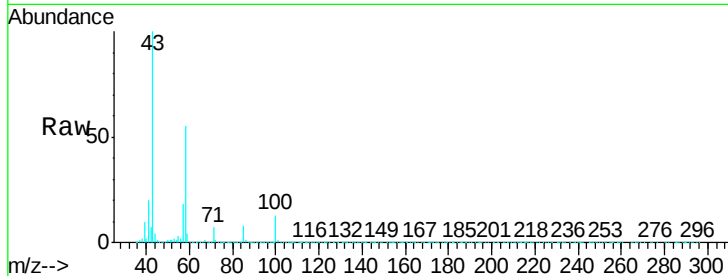
58 53.6 27.3 81.8

Manual Integrations

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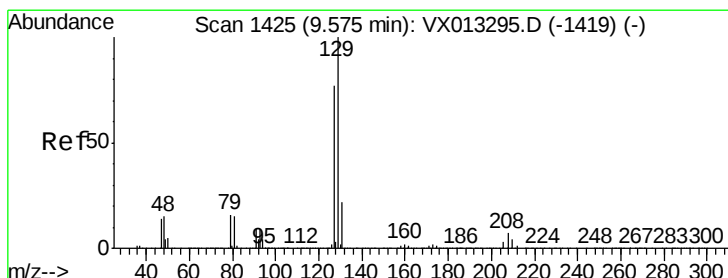
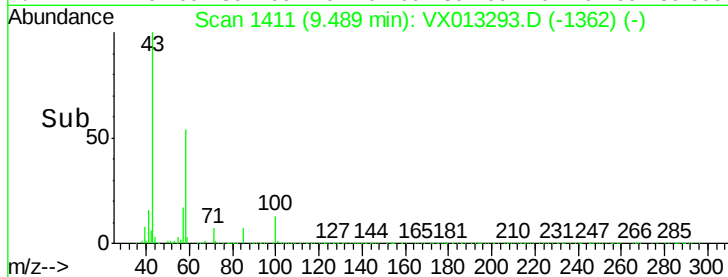
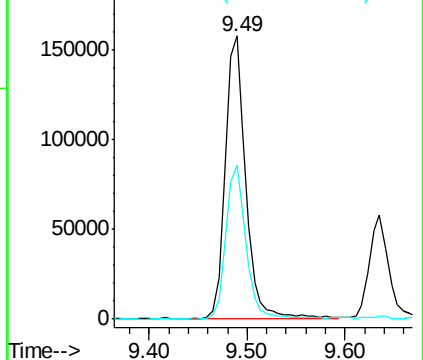
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 4.905 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013293.D

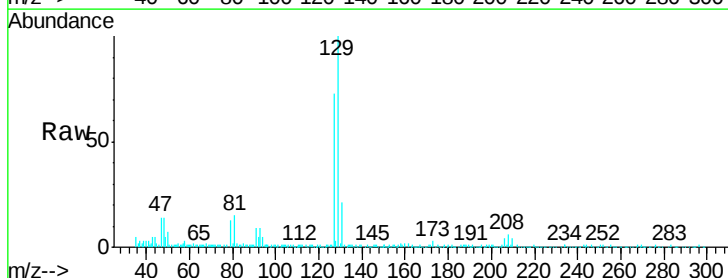
Acq: 31 Oct 2019 16:42

Tgt Ion: 129 Resp: 35939

Ion Ratio Lower Upper

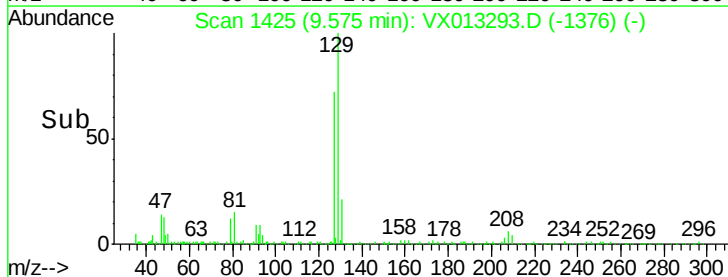
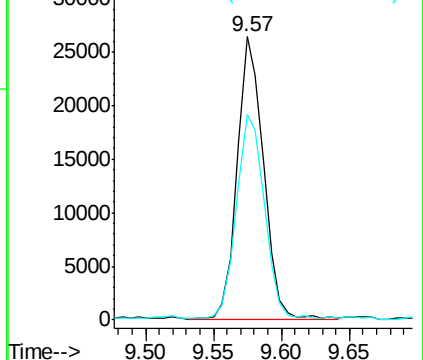
129 100

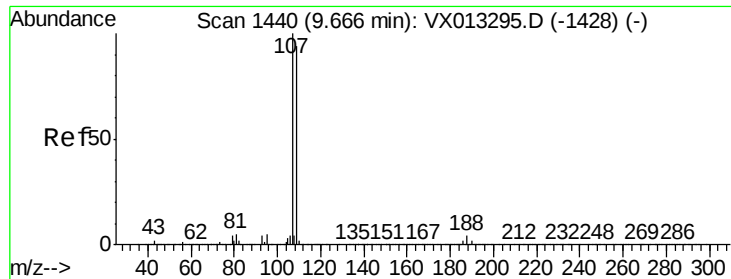
127 76.0 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 5.307 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 107 Resp: 40816

Ion Ratio Lower Upper

107 100

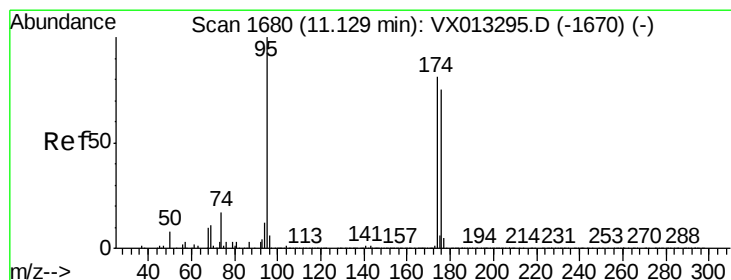
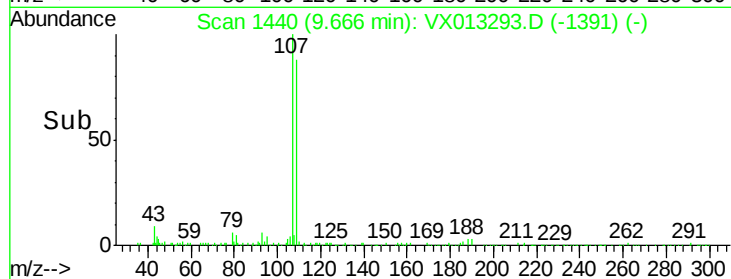
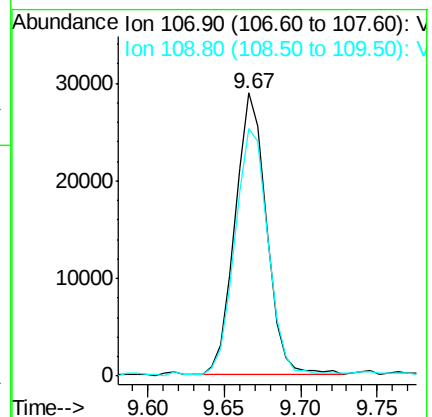
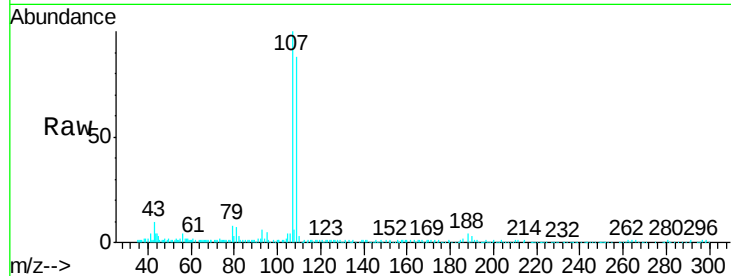
109 92.6 75.1 112.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 4.873 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

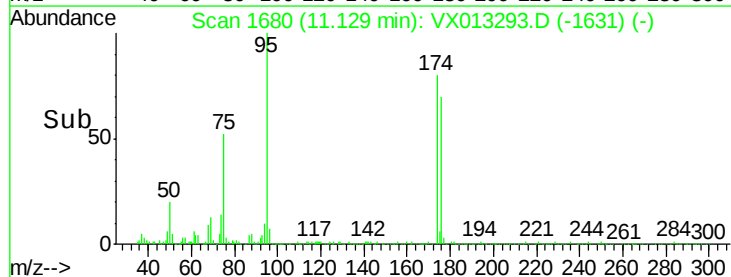
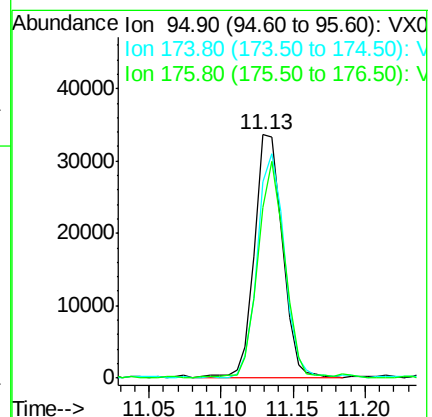
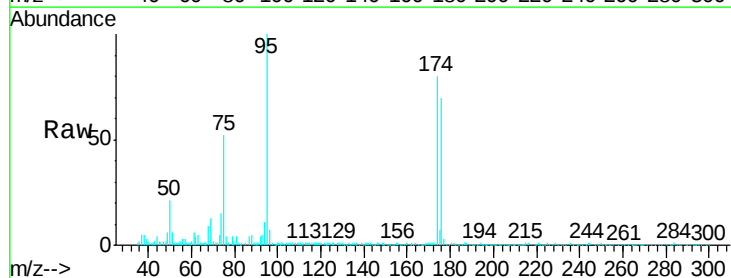
Tgt Ion: 95 Resp: 44678

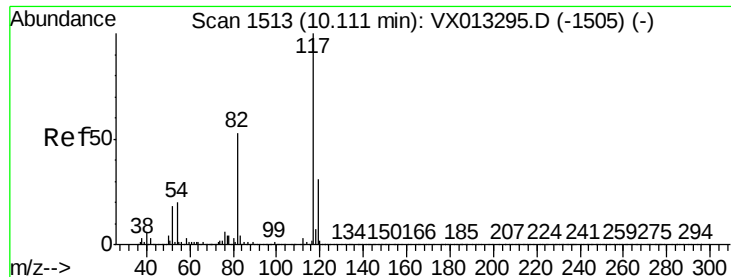
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 85.0 0.0 173.0





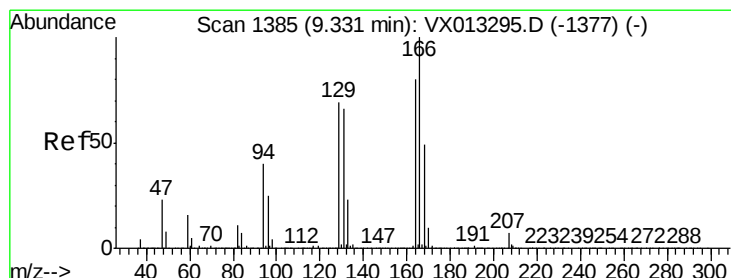
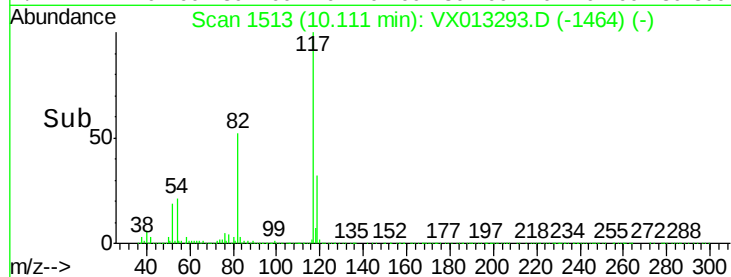
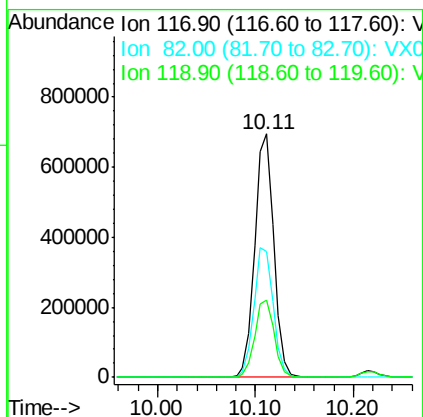
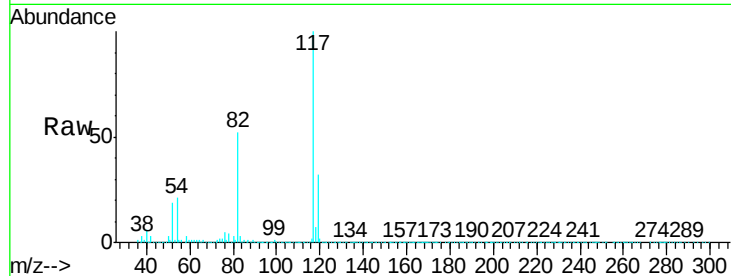
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	64.0
119	31.7	24.8	37.2

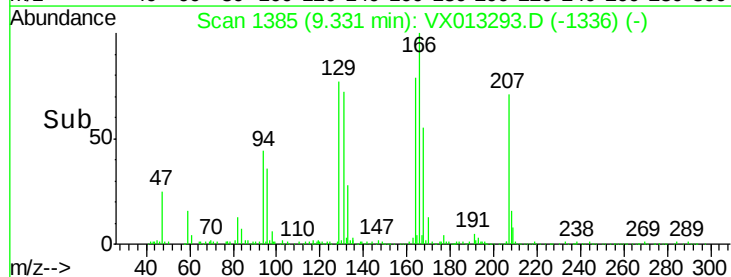
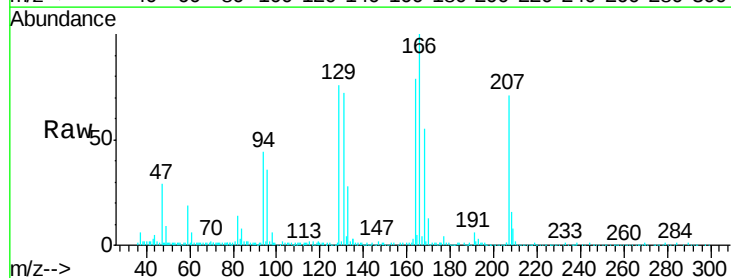
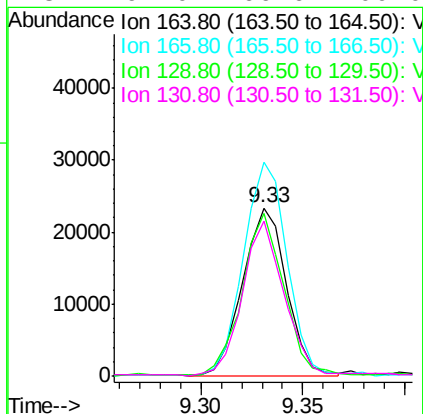
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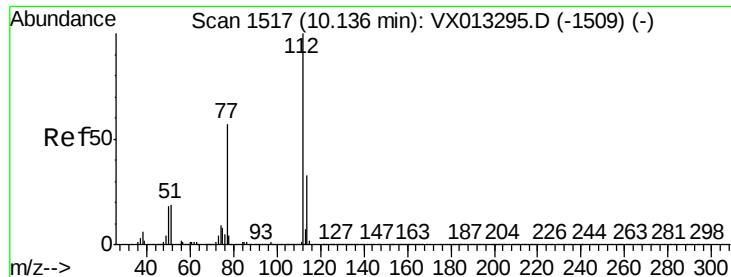
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#64
Tetrachloroethene
Concen: 4.754 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.4	150.6
129	96.9	69.4	104.2
131	92.0	66.6	100.0





#65

Chlorobenzene

Concen: 5.358 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 103155

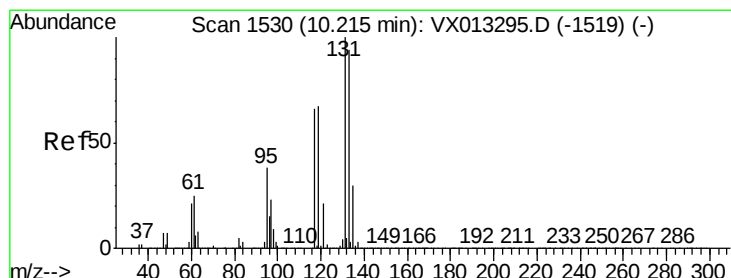
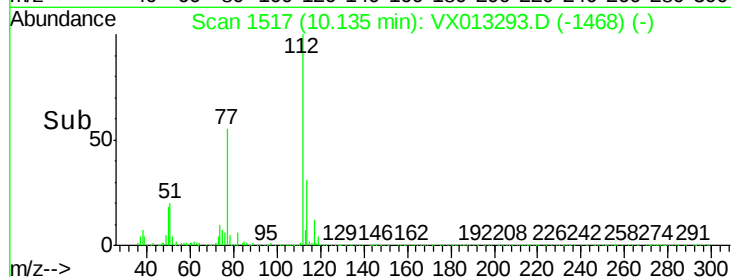
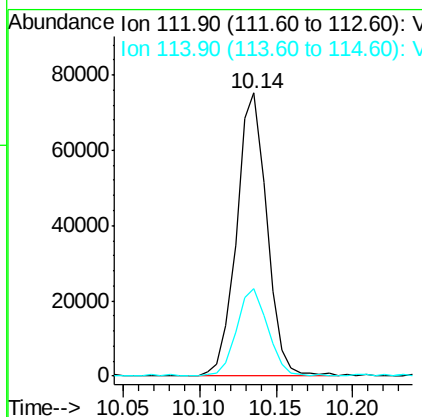
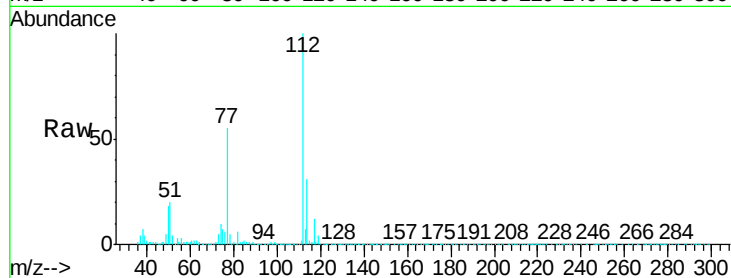
Ion Ratio Lower Upper

112 100

114 30.6 26.4 39.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 5.483 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

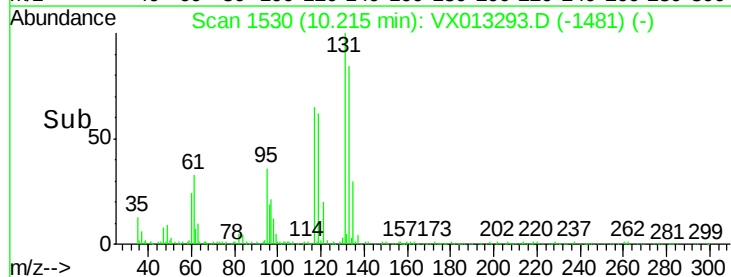
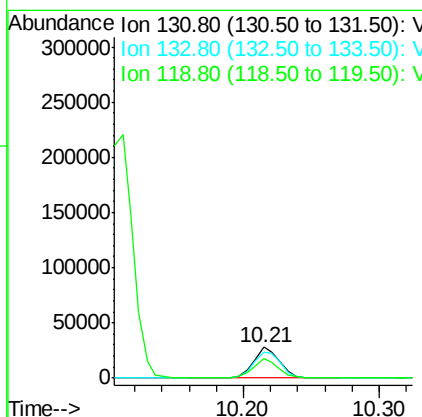
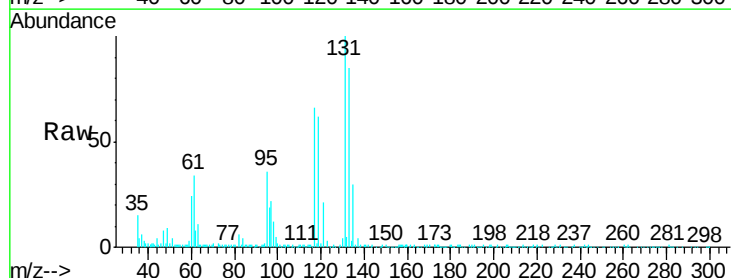
Tgt Ion:131 Resp: 37134

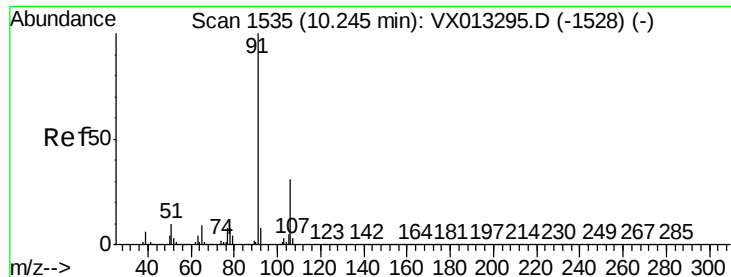
Ion Ratio Lower Upper

131 100

133 92.4 48.0 144.0

119 61.0 33.0 99.0





#67

Ethyl Benzene

Concen: 5.282 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 173330

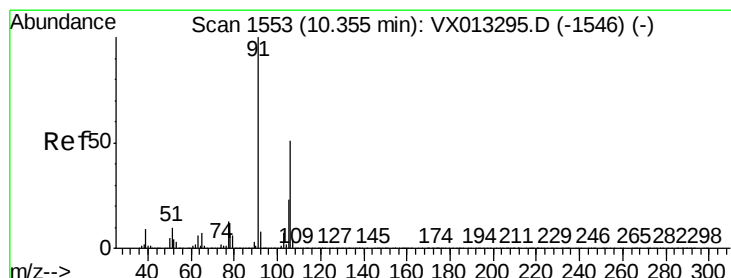
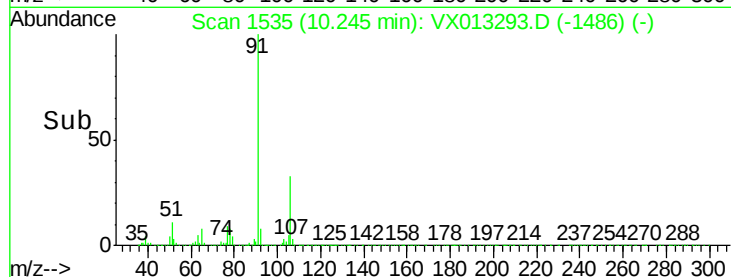
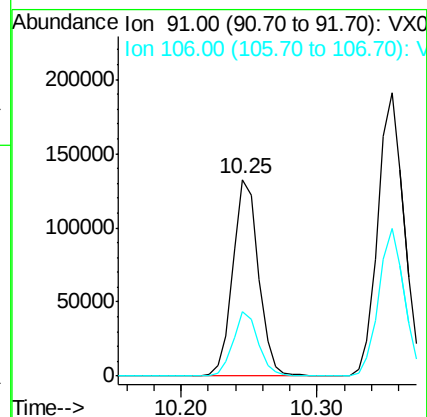
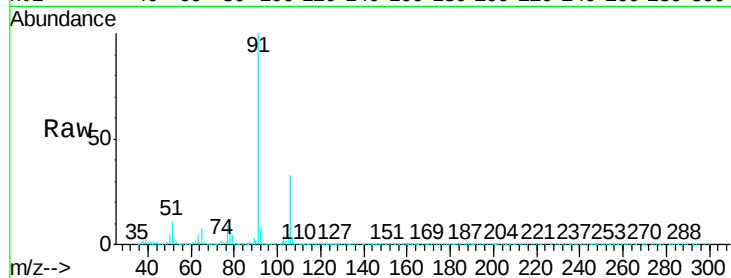
Ion Ratio Lower Upper

91 100

106 32.7 24.6 36.8

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#68

m/p-Xylenes

Concen: 10.410 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013293.D

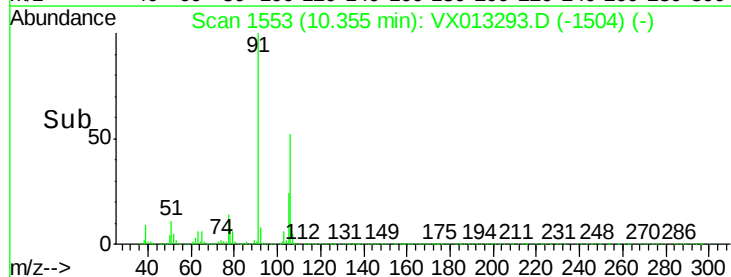
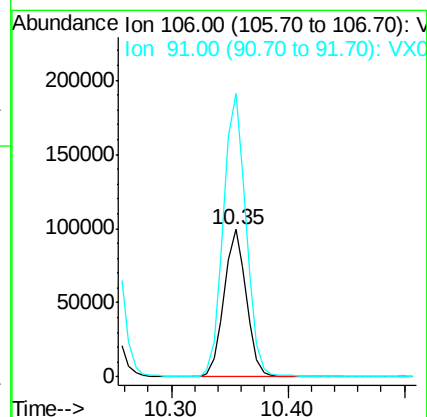
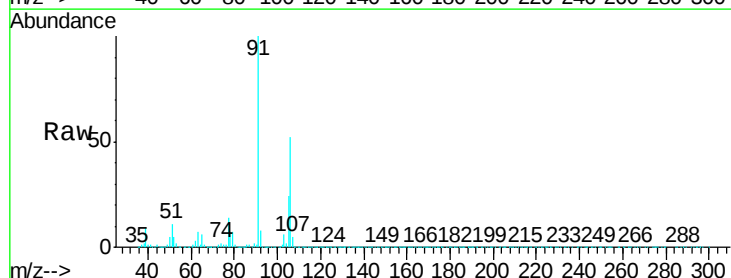
Acq: 31 Oct 2019 16:42

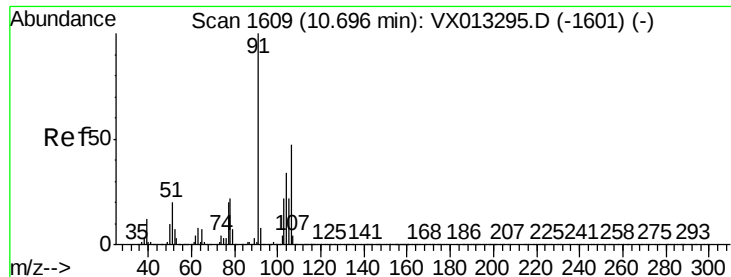
Tgt Ion: 106 Resp: 131028

Ion Ratio Lower Upper

106 100

91 194.3 159.3 238.9





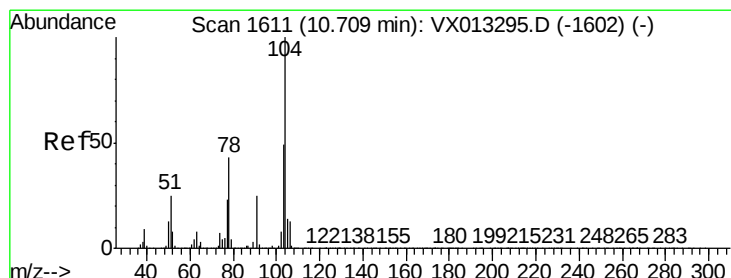
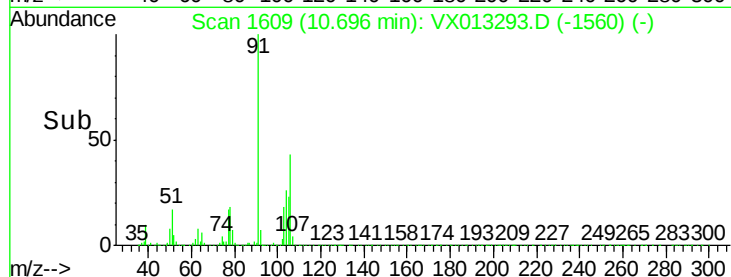
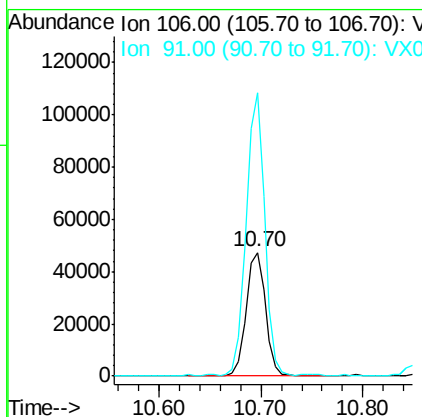
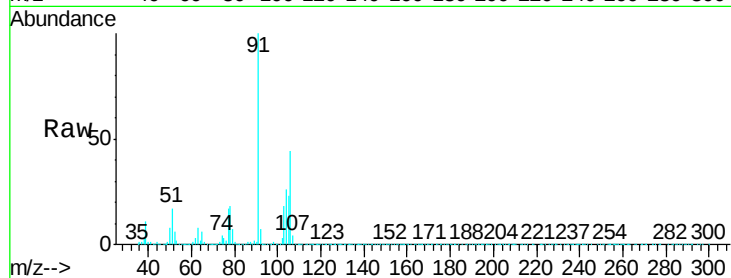
#69
o-Xylene
Concen: 5.151 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 63065
Ion Ratio Lower Upper
106 100
91 217.0 105.7 317.0

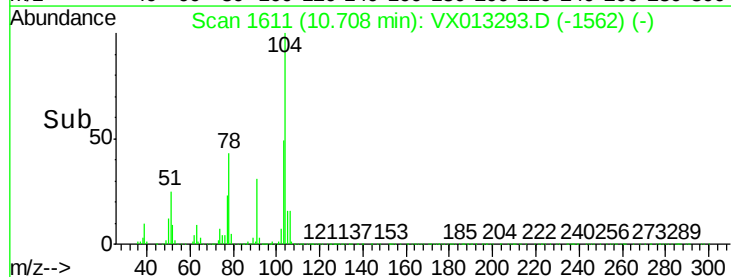
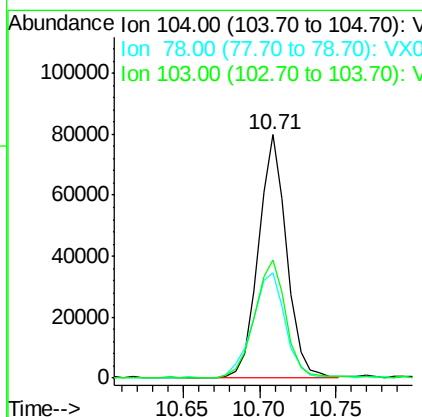
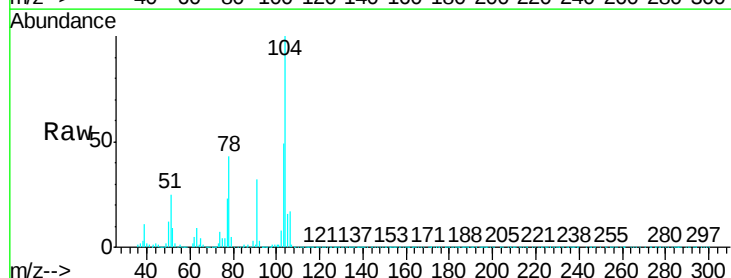
Manual Integrations
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#70
Styrene
Concen: 4.979 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion:104 Resp: 101769
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 54.0 44.1 66.1





#71

Bromoform

Concen: 4.730 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion:173 Resp: 25673

Ion Ratio Lower Upper

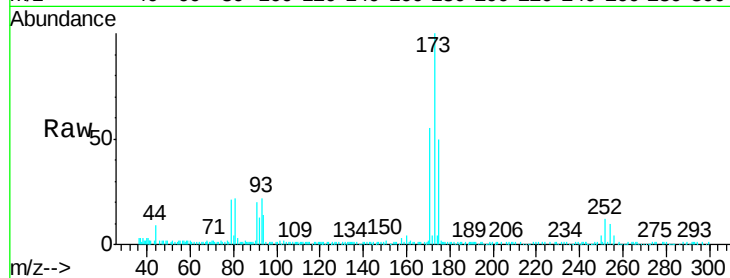
173 100

175 52.1 24.8 74.4

254 0.9 0.2 0.2#

Manual Integrations
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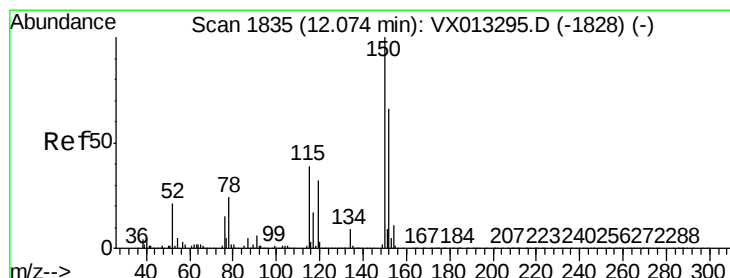
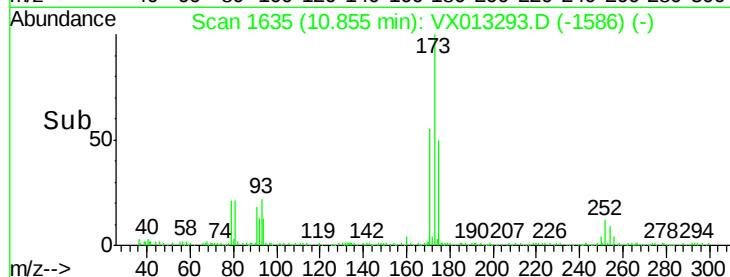
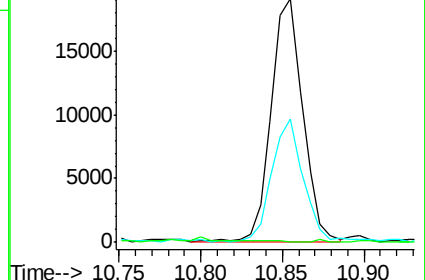
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

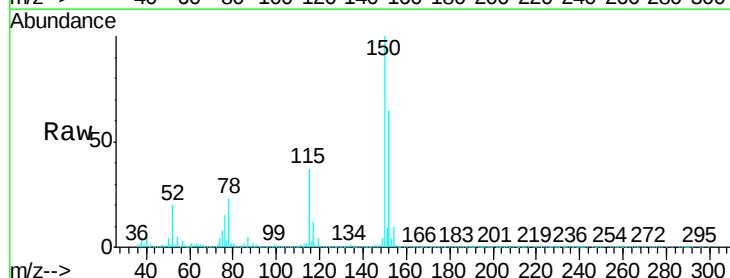
Tgt Ion:152 Resp: 461703

Ion Ratio Lower Upper

152 100

115 57.8 39.5 118.3

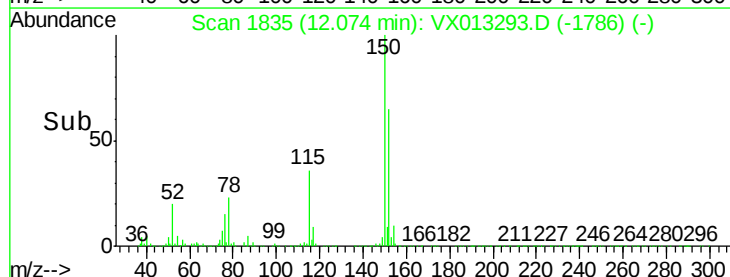
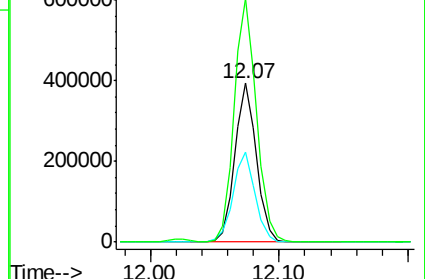
150 157.4 0.0 344.4

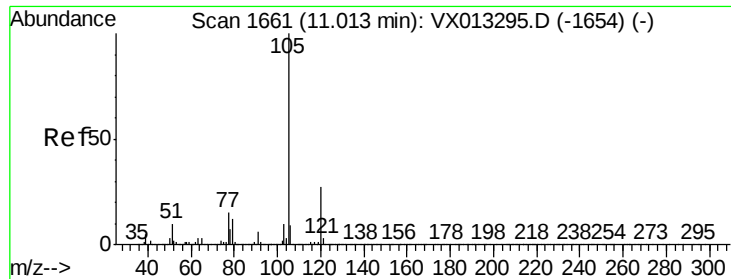


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.356 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 168302

Ion Ratio Lower Upper

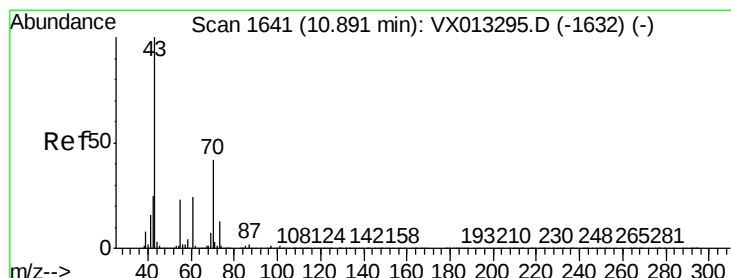
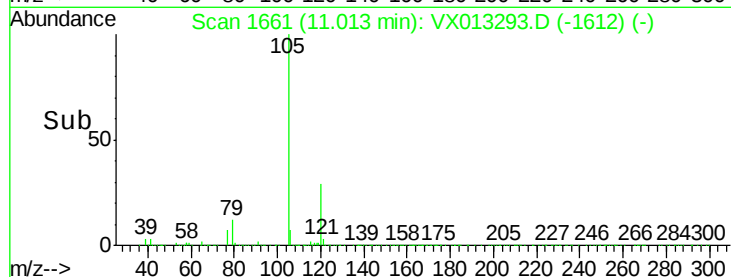
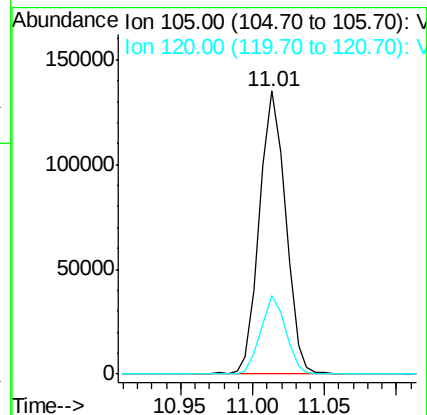
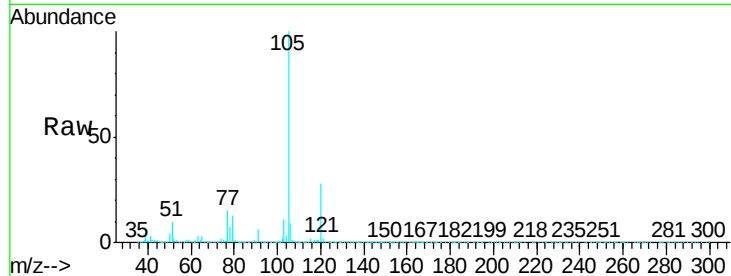
105 100

120 26.9

13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 5.752 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion: 43 Resp: 71765

Ion Ratio Lower Upper

43 100

70 42.4

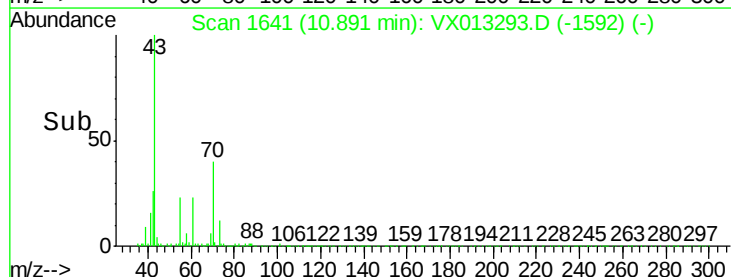
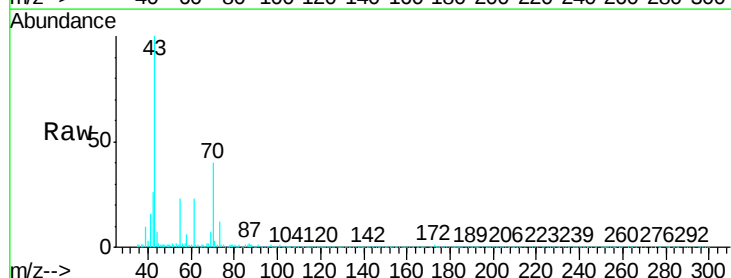
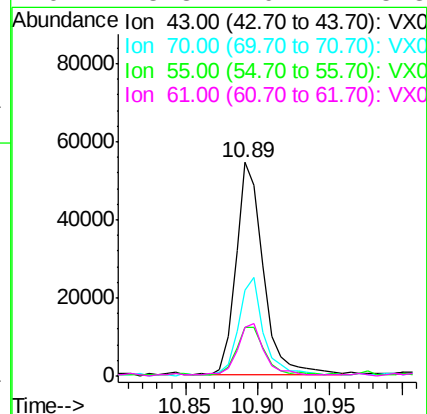
34.1 51.1

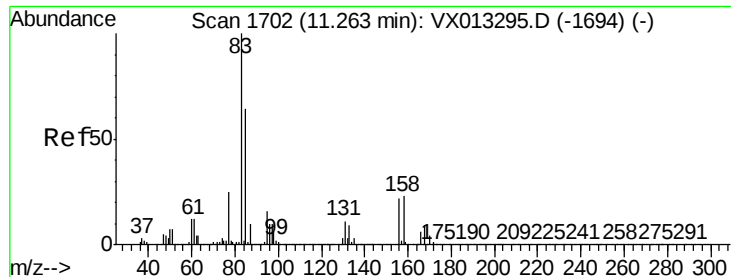
55 24.0

18.9 28.3

61 23.3

19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.912 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

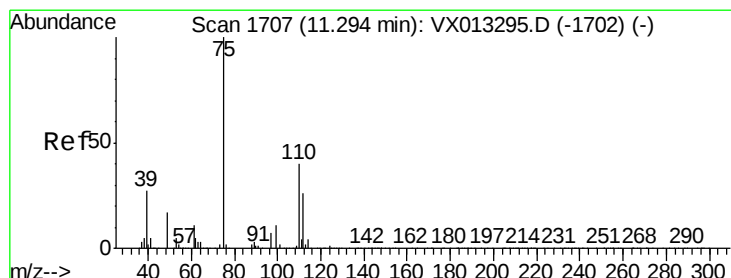
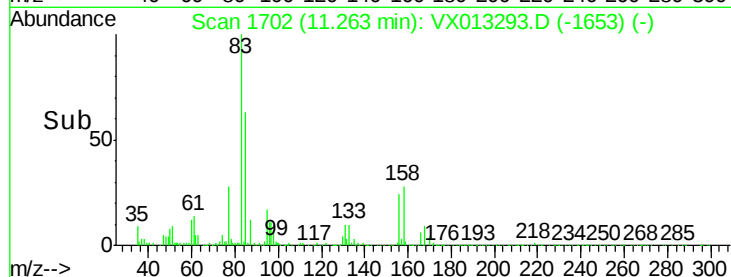
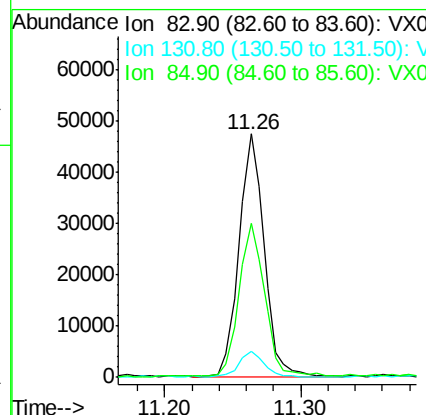
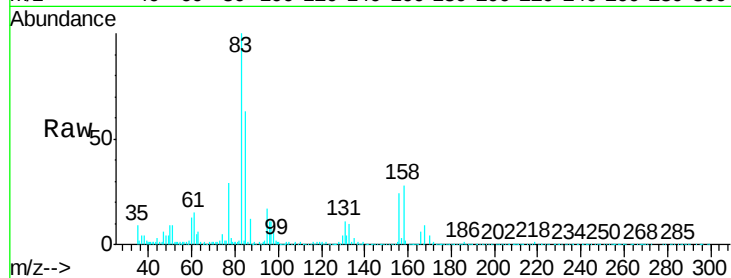
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	61643
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	63.4	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.556 ug/l m

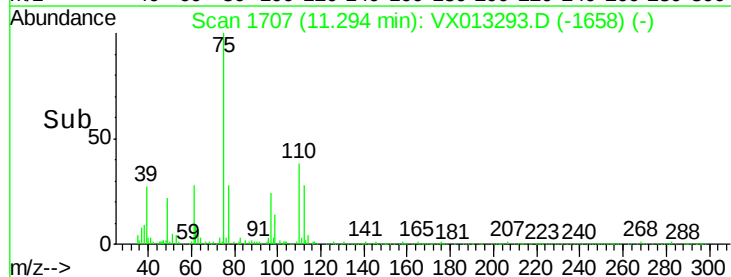
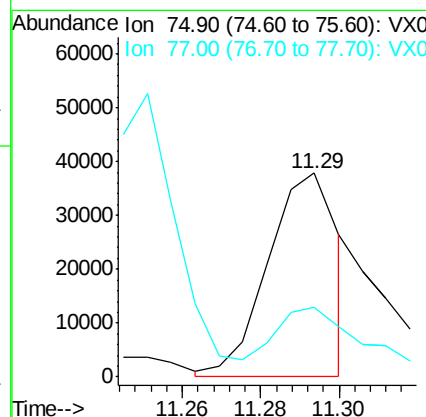
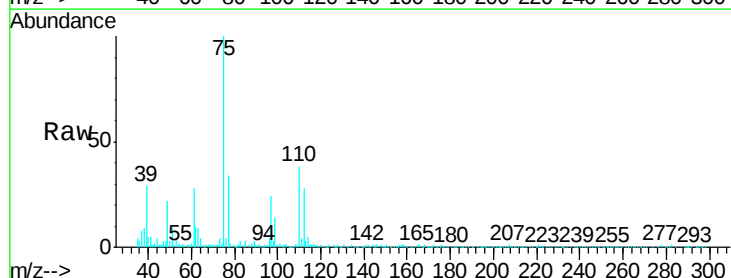
RT: 11.29 min Scan# 1707

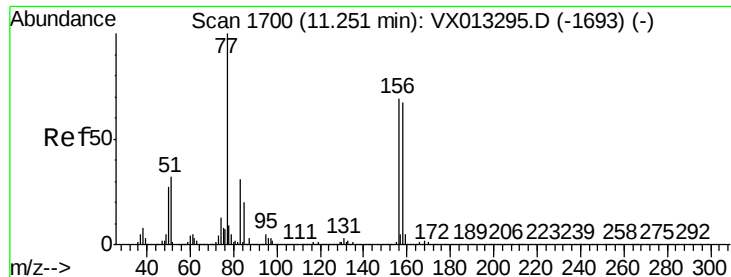
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	75	Resp:	46990
Ion Ratio	Lower	Upper	
75	100		
77	43.6	22.3	66.8





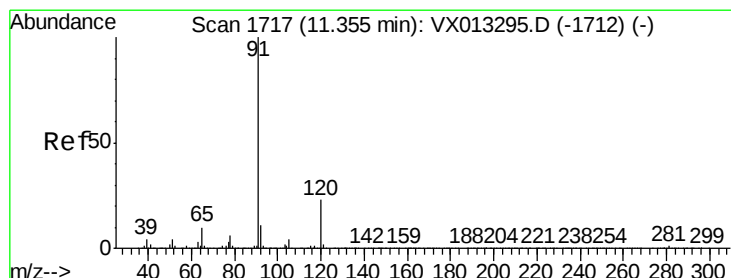
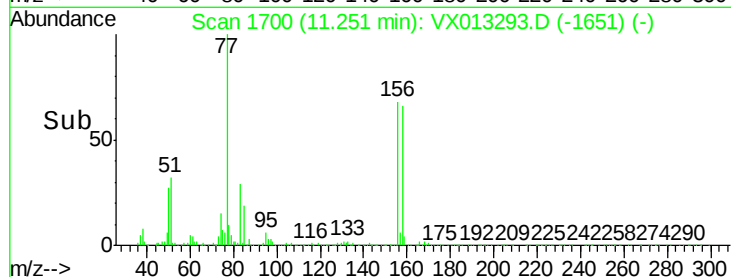
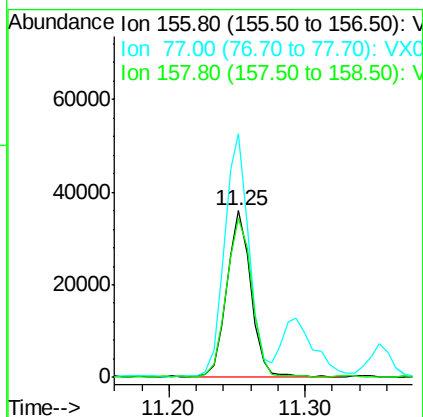
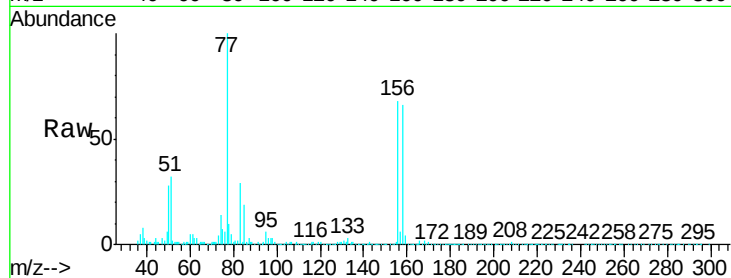
#77
Bromobenzene
Concen: 5.080 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.0	75.8	227.4
158	102.8	47.6	142.8

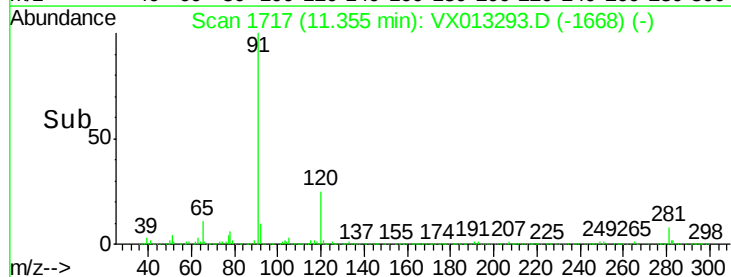
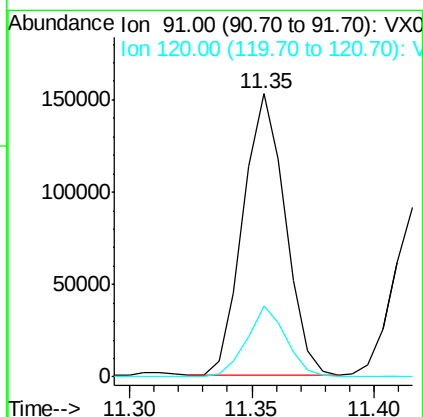
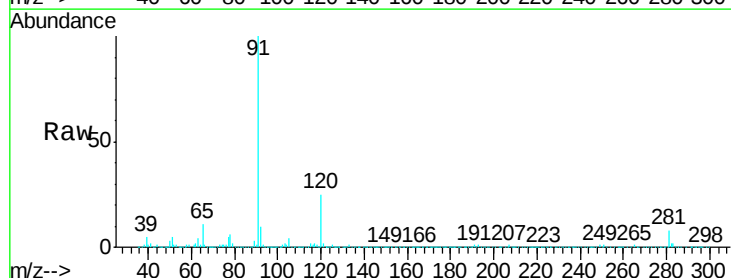
Manual Integrations
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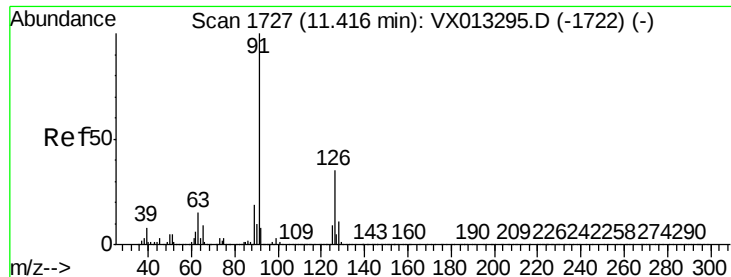
MMDadoda
11/4/2019 3:40:59 PM



#78
n-propylbenzene
Concen: 5.297 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.6	34.8





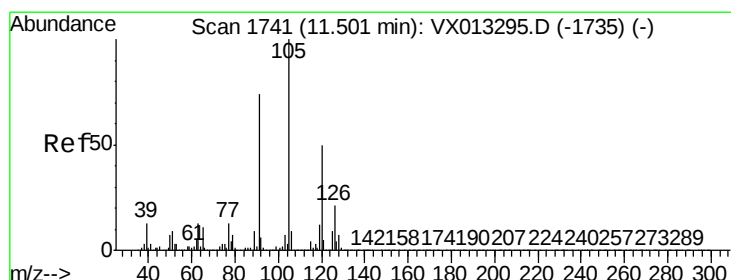
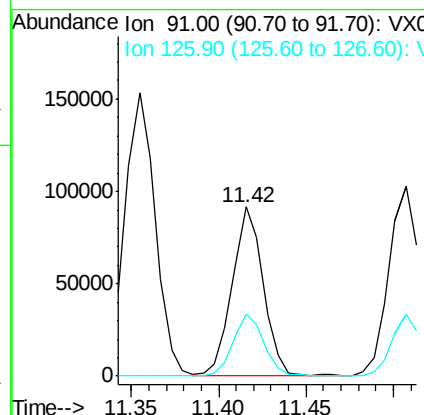
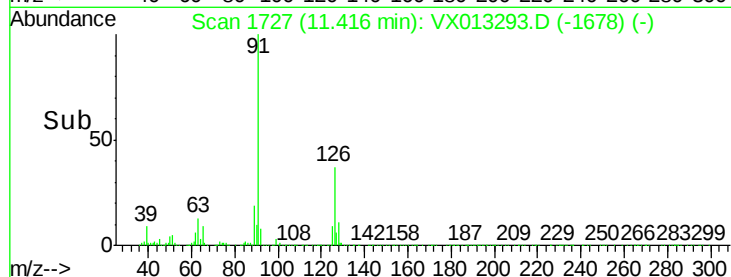
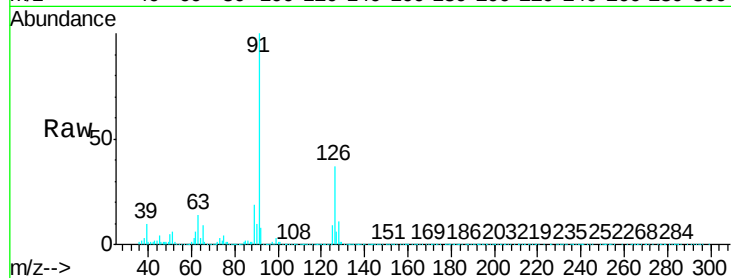
#79
2-Chlorotoluene
Concen: 5.380 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 112288
Ion Ratio Lower Upper
91 100
126 37.1 17.3 52.0

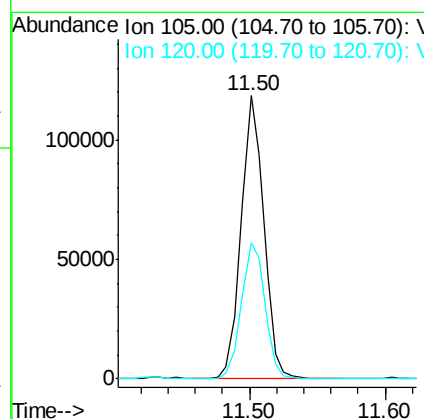
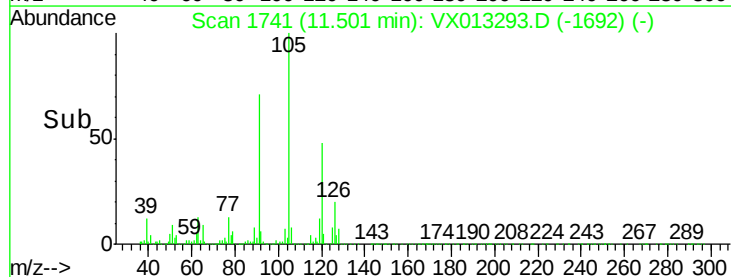
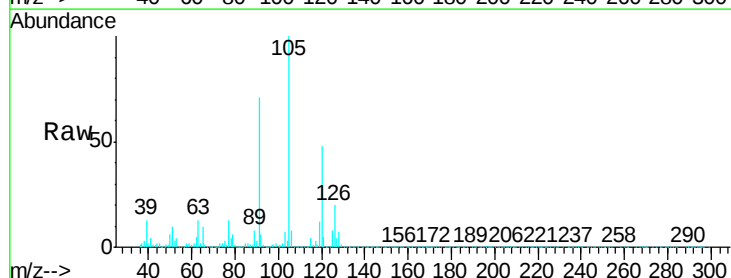
Manual Integrations
APPROVED

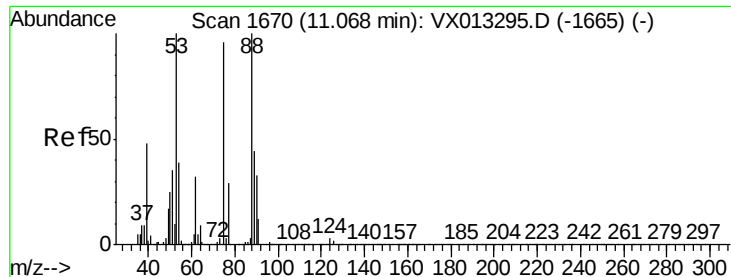
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#80
1,3,5-Trimethylbenzene
Concen: 5.241 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion: 105 Resp: 137205
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.823 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

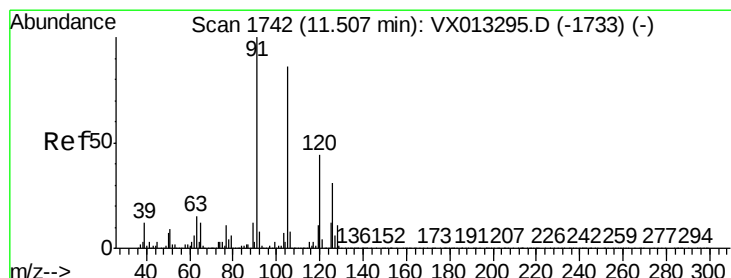
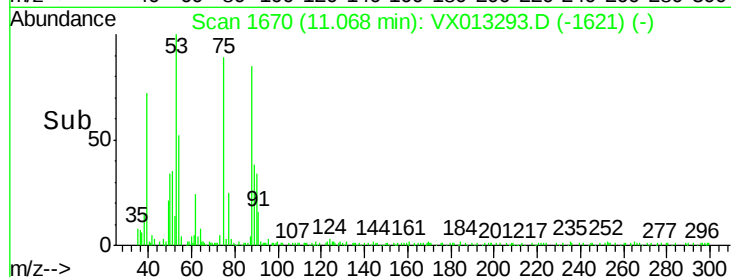
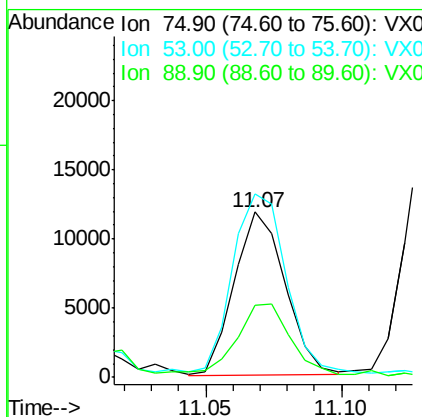
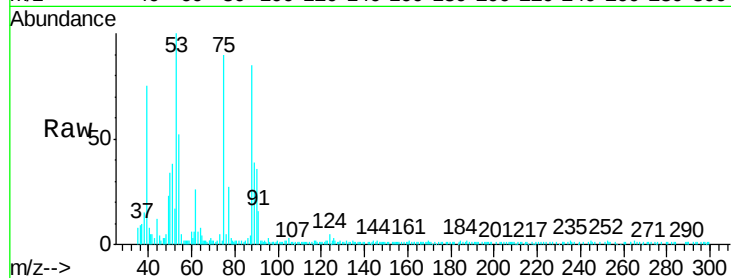
ClientSampleId :

VSTDIC005

Tgt Ion:	75	Resp:	15352
Ion Ratio	Lower	Upper	
75	100		
53	113.8	81.0	121.6
89	44.1	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.277 ug/l

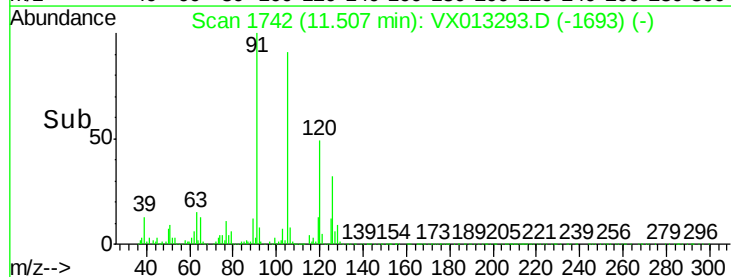
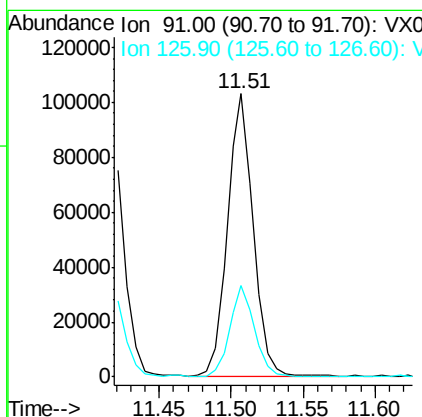
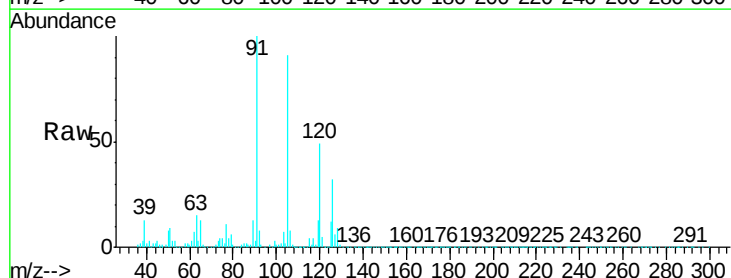
RT: 11.51 min Scan# 1742

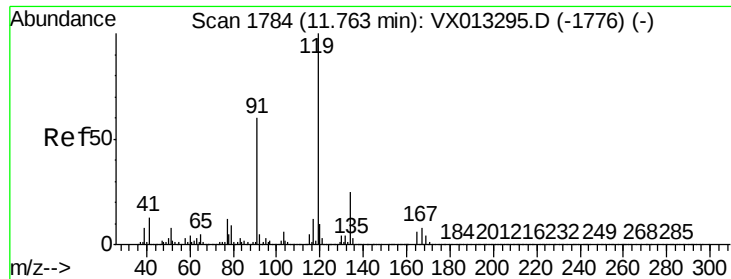
Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	91	Resp:	128164
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.3	45.8





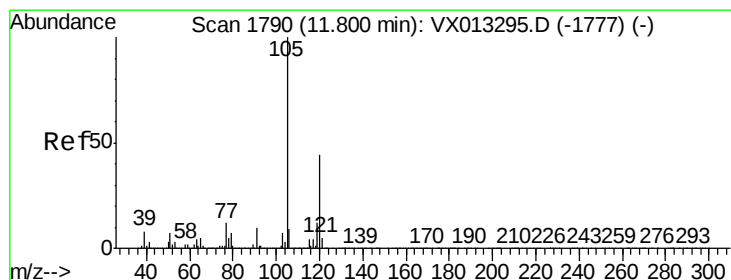
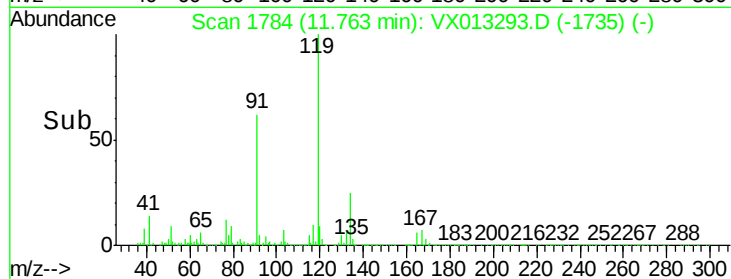
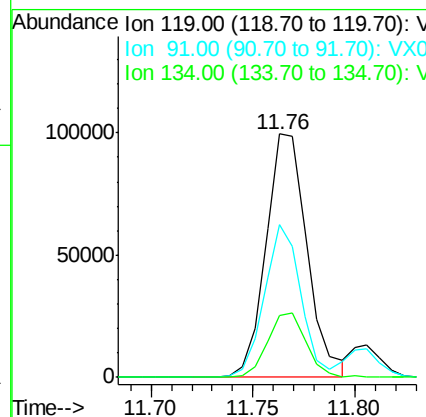
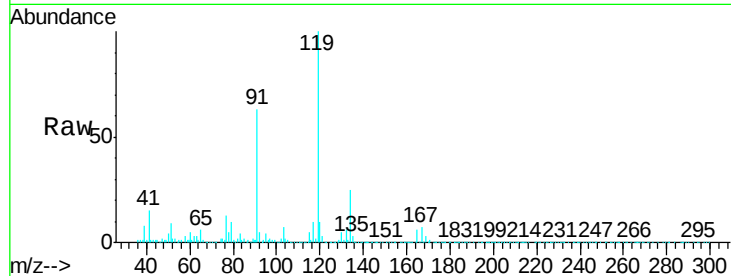
#83
 tert-Butylbenzene
 Concen: 5.381 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	139440		
91	55.4	26.9	80.7	
134	25.1	11.7	35.1	

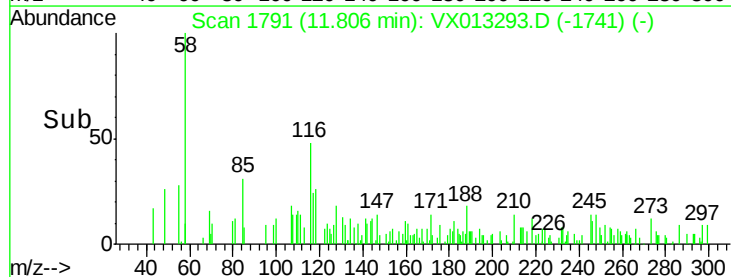
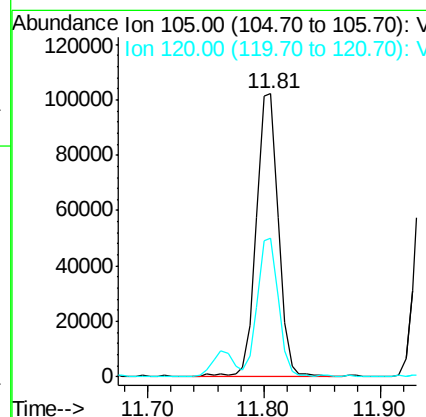
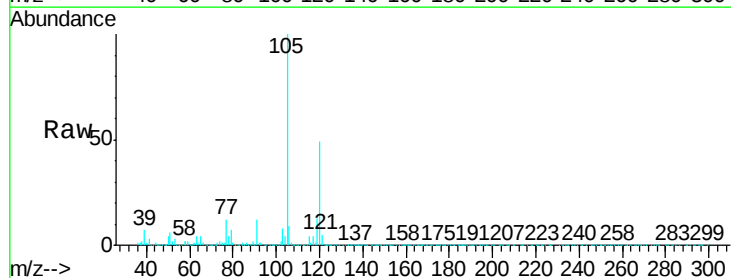
Manual Integrations
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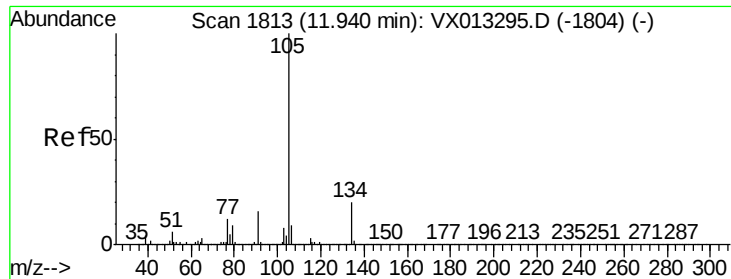
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.107 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134957		
120	46.4	22.7	68.1	





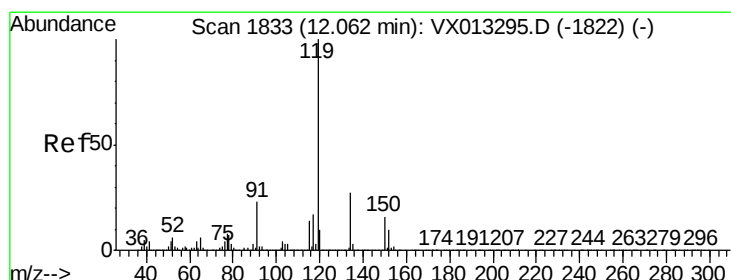
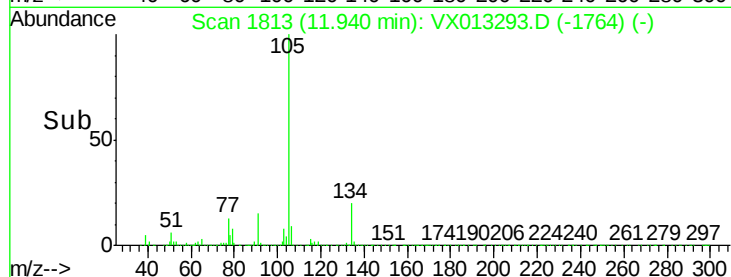
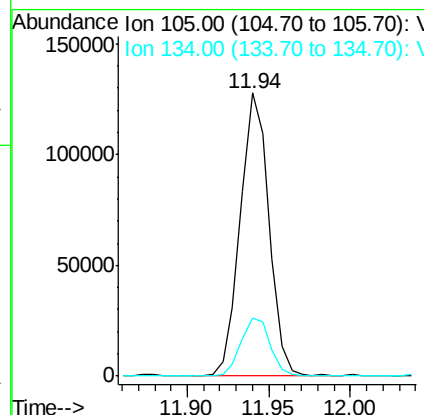
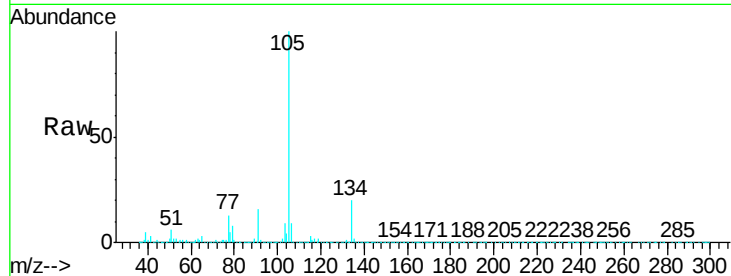
#85
 sec-Butylbenzene
 Concen: 5.204 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9

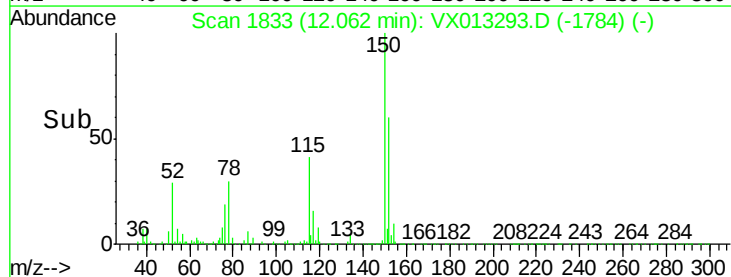
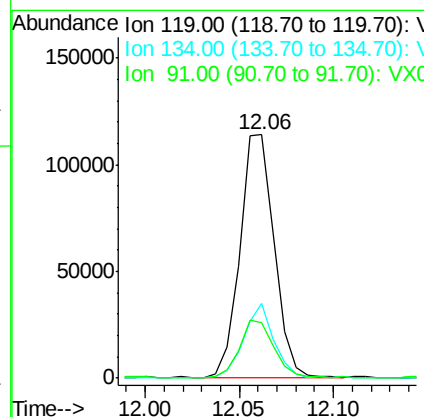
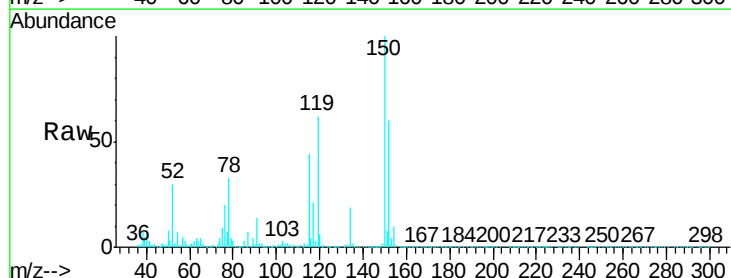
Manual Integrations
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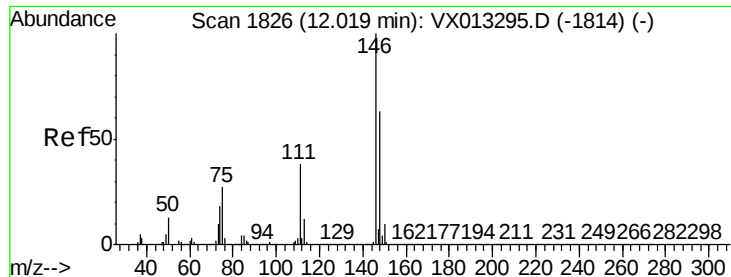
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#86
 p-Isopropyltoluene
 Concen: 5.120 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.3	39.8
91	23.8	11.5	34.4





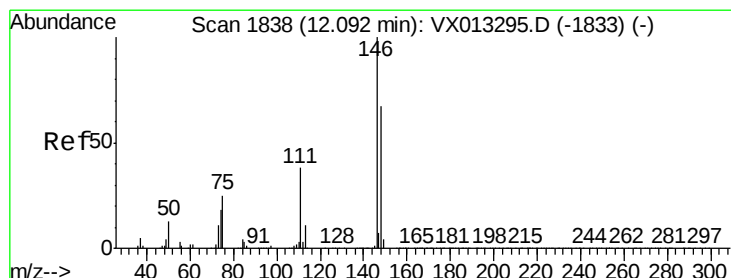
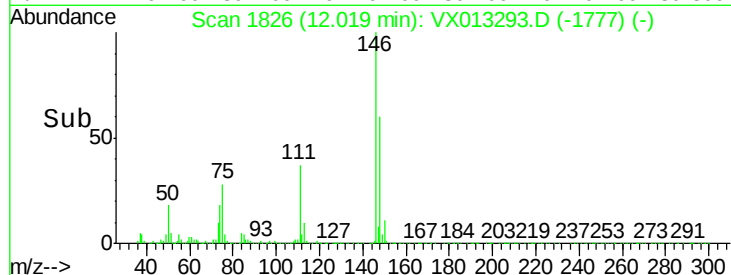
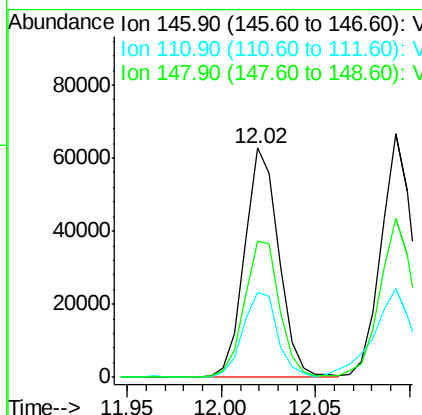
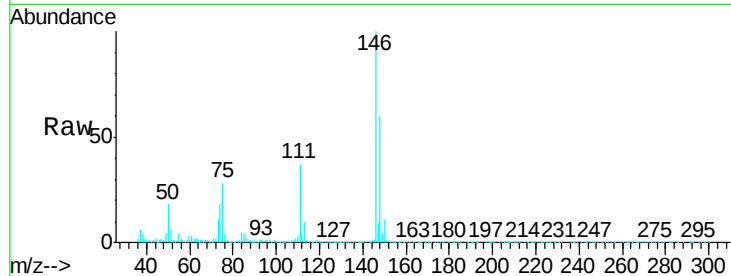
#87
 1,3-Dichlorobenzene
 Concen: 5.245 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.5
148	61.5	31.9	95.7

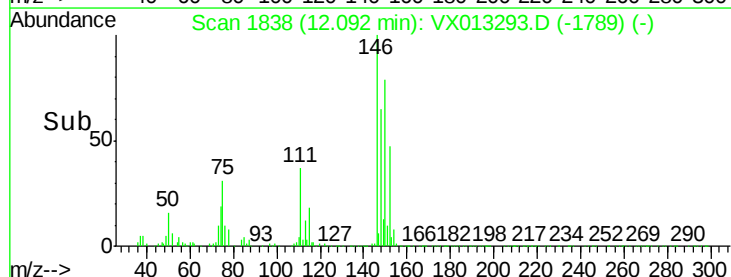
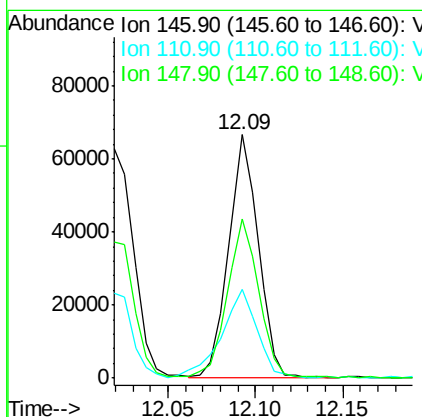
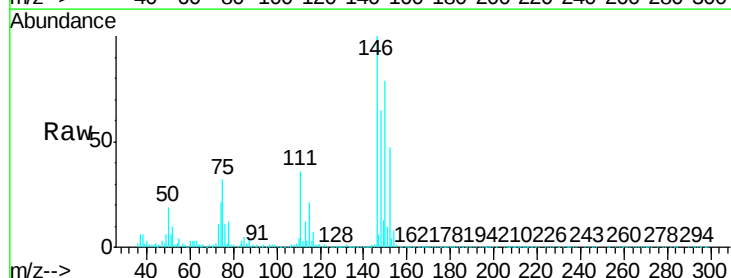
Manual Integrations
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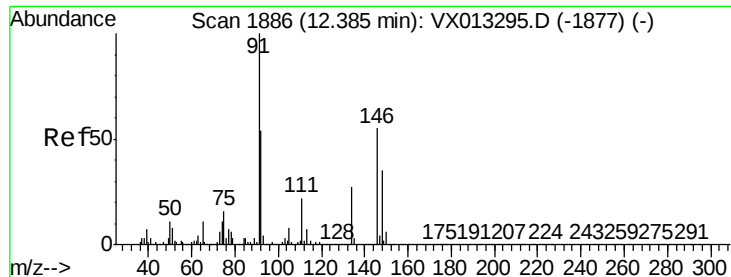
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 11/4/2019 3:40:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 5.160 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013293.D
 Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	18.8	56.4
148	68.3	32.4	97.0





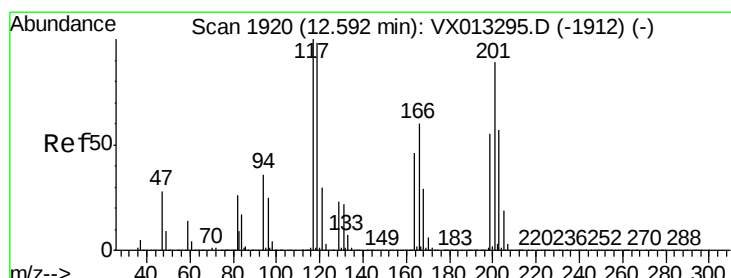
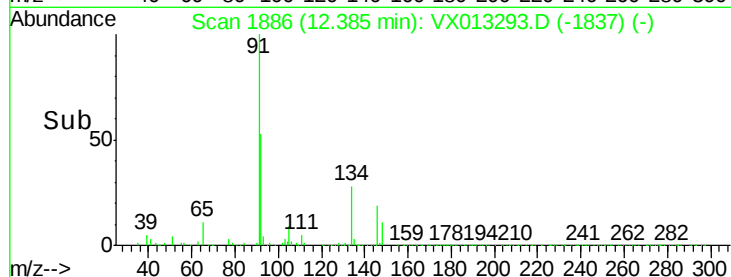
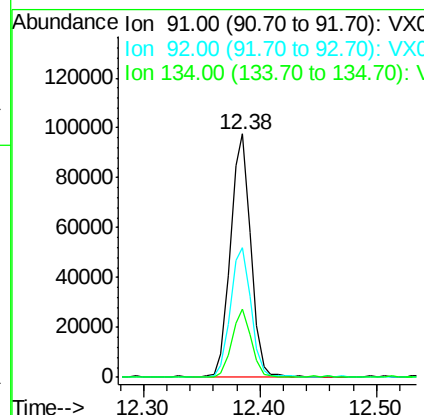
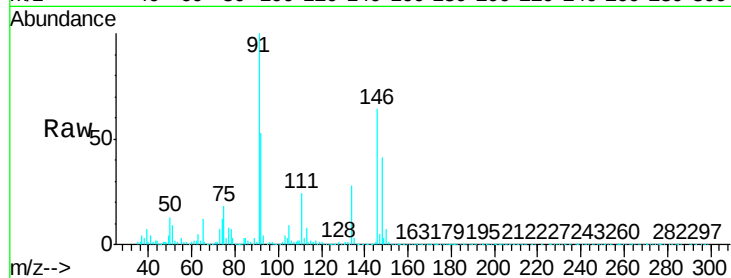
#89
n-Butylbenzene
Concen: 4.901 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.8
134	26.8	13.5	40.5

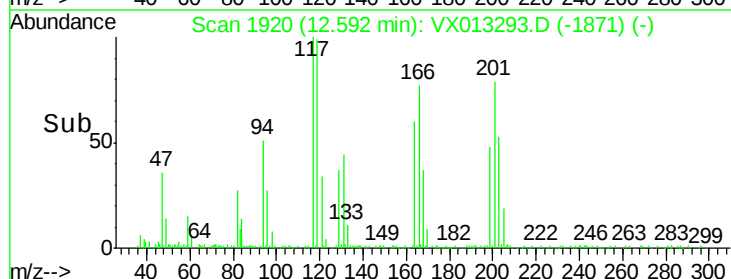
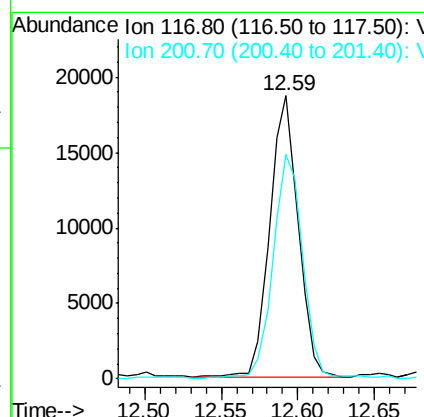
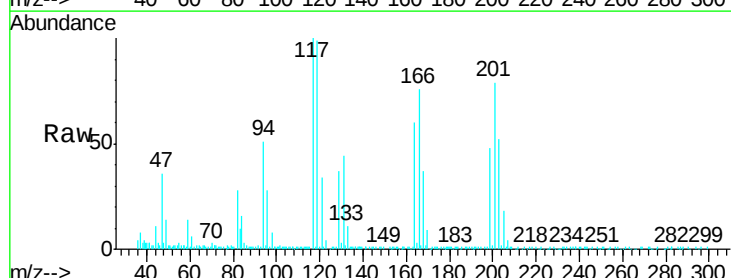
Manual Integrations
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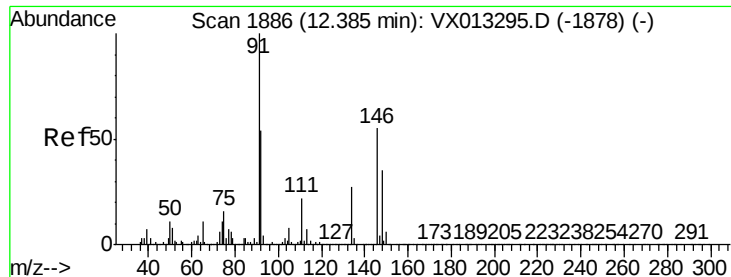
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#90
Hexachloroethane
Concen: 5.434 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	43.9	131.7





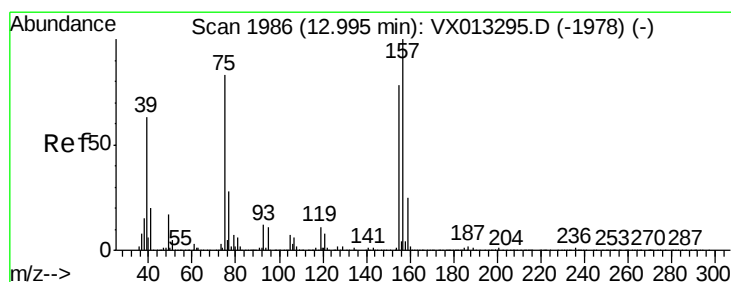
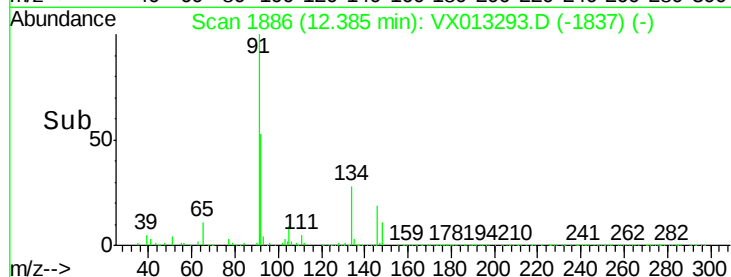
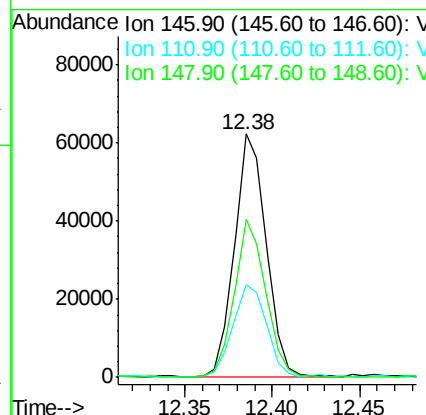
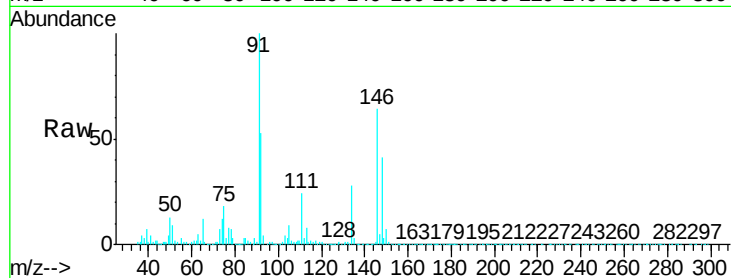
#91
1,2-Dichlorobenzene
Concen: 5.334 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	79125		
111	39.7	20.1	60.2	
148	63.2	32.0	96.0	

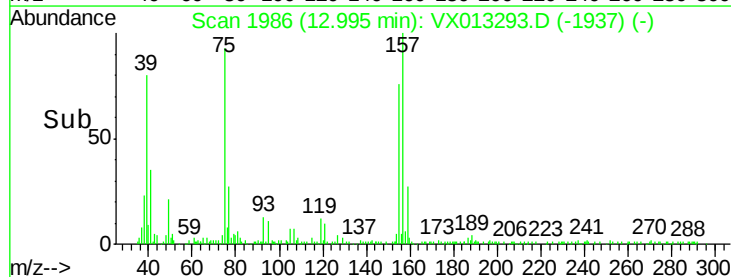
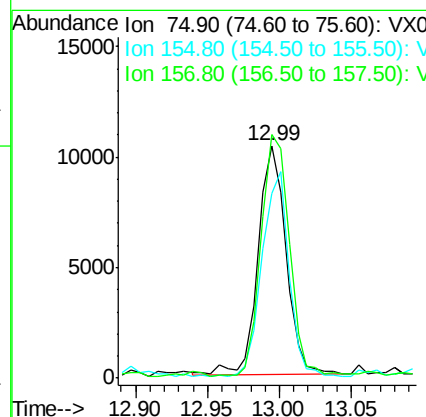
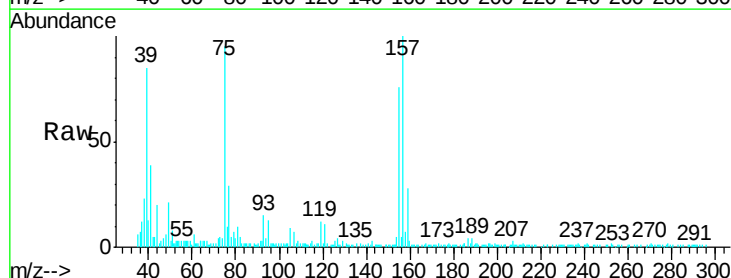
Manual Integrations
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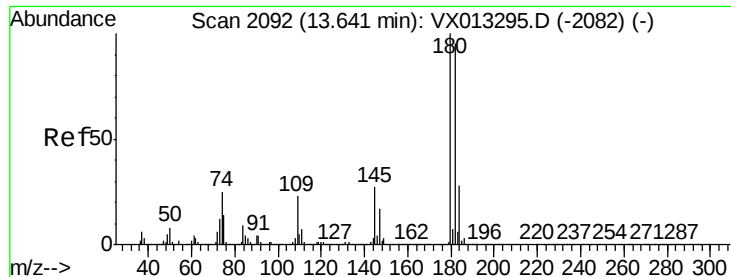
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#92
1,2-Dibromo-3-Chloropropane
Concen: 6.172 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13730		
155	88.1	47.1	141.4	
157	105.8	61.3	183.8	





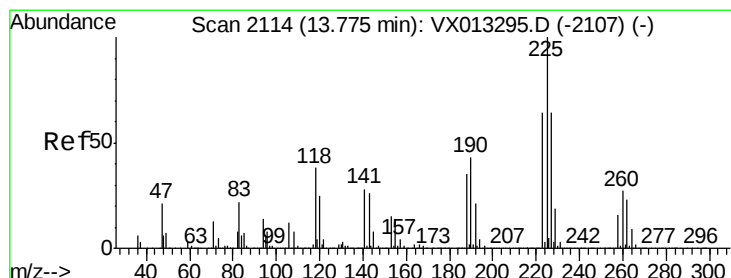
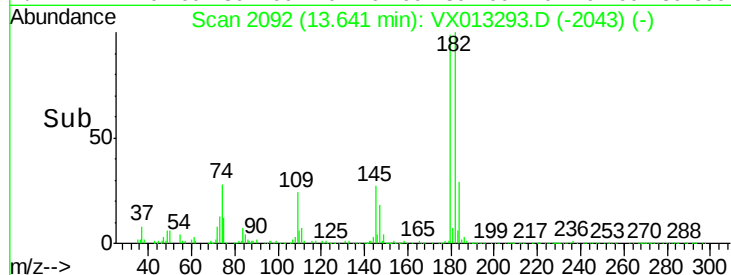
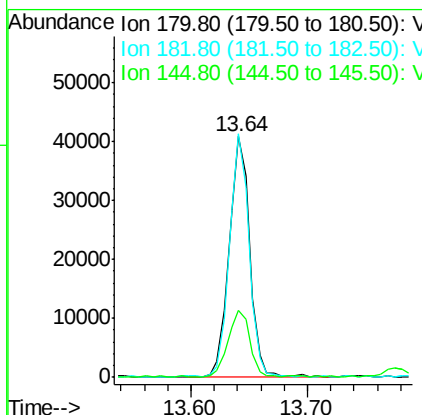
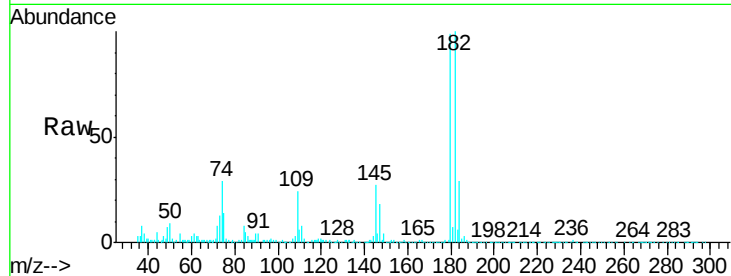
#93
1,2,4-Trichlorobenzene
Concen: 5.016 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	50615		
182	96.1	48.4	145.0	
145	28.7	14.1	42.4	

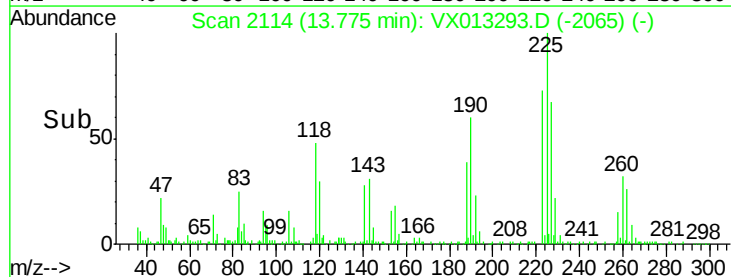
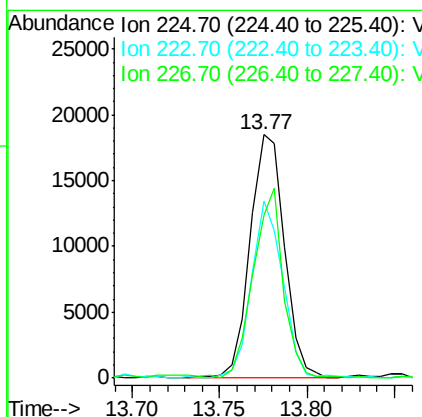
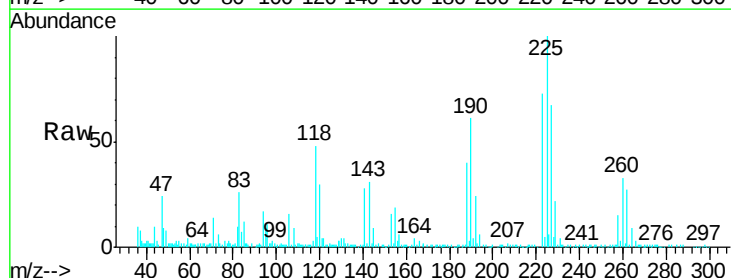
Manual Integrations
APPROVED

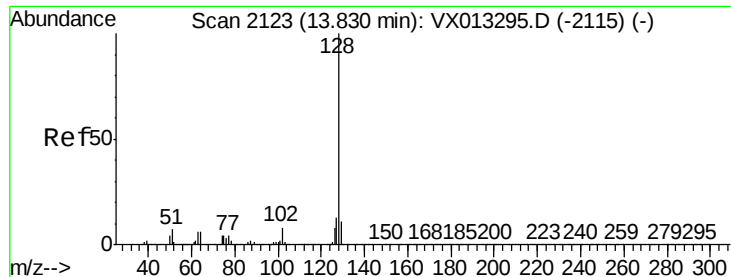
MMDadoda
11/4/2019 3:40:59 PM



#94
Hexachlorobutadiene
Concen: 5.077 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013293.D
Acq: 31 Oct 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25326		
223	66.9	31.9	95.7	
227	68.4	31.9	95.9	





#95

Naphthalene

Concen: 5.105 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Instrument :

MSVOA_X

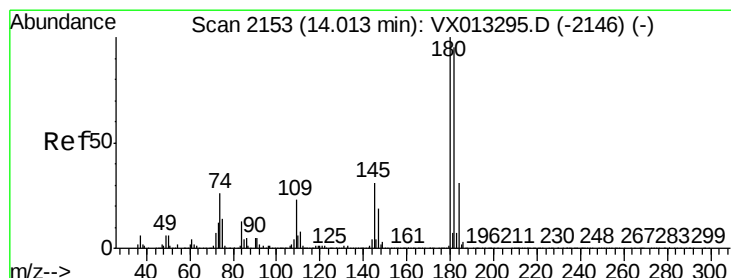
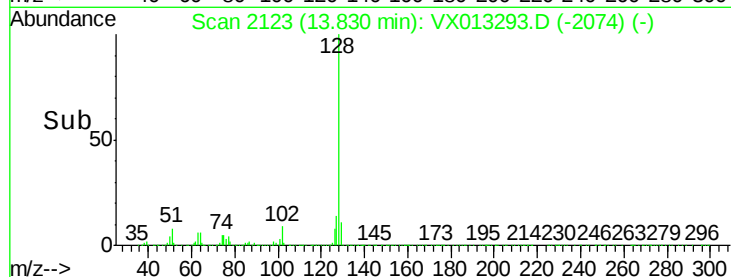
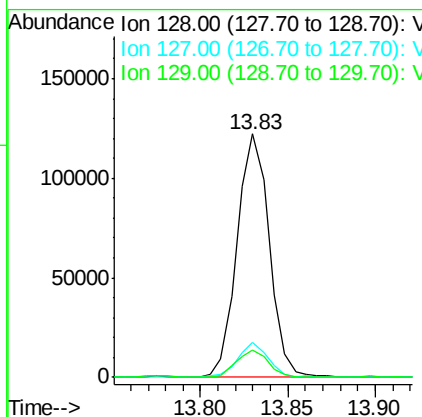
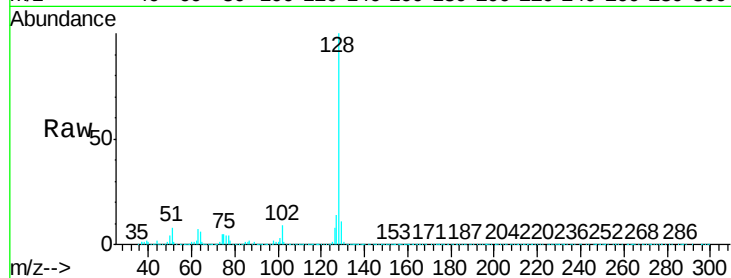
ClientSampleId :

VSTDIC005

Tgt Ion:	128	Resp:	154954
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.2	15.2
129	11.4	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/4/2019 3:40:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 5.278 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013293.D

Acq: 31 Oct 2019 16:42

Tgt Ion:	180	Resp:	53200
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.2
145	31.0	15.4	46.4

