

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013296.D
 Acq On : 31 Oct 2019 17:52
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:14 PM

Quant Time: Nov 02 05:51:55 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	691327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1055186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	522586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	827846	109.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.10%	
35) Dibromofluoromethane	5.48	113	678059	101.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.82%	
50) Toluene-d8	8.71	98	2569251	102.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.46%	
62) 4-Bromofluorobenzene	11.14	95	952287	104.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	829116	125.308	ug/l	98
3) Chloromethane	1.31	50	892939	131.603	ug/l	98
4) Vinyl Chloride	1.40	62	1023524	144.126	ug/l	100
5) Bromomethane	1.62	94	705013	162.662	ug/l	98
6) Chloroethane	1.70	64	551093	124.167	ug/l	100
7) Trichlorofluoromethane	1.91	101	1132629	102.510	ug/l	100
8) Diethyl Ether	2.18	74	509748	126.416	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	636219	100.795	ug/l	100
10) Methyl Iodide	2.50	142	875096	107.188	ug/l	99
11) Tert butyl alcohol	3.05	59	995813	554.317	ug/l	99
12) 1,1-Dichloroethene	2.36	96	646842	104.260	ug/l	96
13) Acrolein	2.28	56	596059	573.108	ug/l	98
14) Allyl chloride	2.71	41	1188739	126.298	ug/l	99
15) Acrylonitrile	3.13	53	2121386	588.333	ug/l	99
16) Acetone	2.44	43	1993999	573.538	ug/l	99
17) Carbon Disulfide	2.55	76	1795109	111.976	ug/l	99
18) Methyl Acetate	2.76	43	1161659	138.819	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	2185143	107.591	ug/l	99
20) Methylene Chloride	2.84	84	722757	101.313	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	692650	104.646	ug/l	96
22) Diisopropyl ether	3.84	45	2307889	117.176	ug/l	99
23) Vinyl Acetate	3.80	43	9956433	600.155	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1268711	112.330	ug/l	100
25) 2-Butanone	4.66	43	3111051	618.801	ug/l	99
26) 2,2-Dichloropropane	4.57	77	1026110	111.567	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	788190	102.605	ug/l	99
28) Bromochloromethane	5.01	49	356039	71.991	ug/l	98
29) Tetrahydrofuran	5.11	42	1945983	610.306	ug/l	99
30) Chloroform	5.20	83	1241838	103.068	ug/l	98
31) Cyclohexane	5.57	56	1126118	109.569	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1092959	105.600	ug/l	100
36) 1,1-Dichloropropene	5.79	75	942020	106.802	ug/l	99
37) Ethyl Acetate	4.82	43	1157189	124.370	ug/l	100
38) Carbon Tetrachloride	5.78	117	947573	104.467	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	1165708	103.304	ug/l	98
40) Benzene	6.13	78	2849357	105.753	ug/l	100
41) Methacrylonitrile	5.03	41	652229	122.413	ug/l	99
42) 1,2-Dichloroethane	6.18	62	1037963	108.933	ug/l	99
43) Isopropyl Acetate	6.43	43	1865100	122.249	ug/l	100
44) Trichloroethene	7.20	130	776784	98.701	ug/l	99
45) 1,2-Dichloropropane	7.51	63	736682	107.004	ug/l	99
46) Dibromomethane	7.65	93	498255	102.431	ug/l	98
47) Bromodichloromethane	7.89	83	997879	113.784	ug/l	97
48) Methyl methacrylate	7.76	41	952168	126.623	ug/l	99
49) 1,4-Dioxane	7.73	88	408991	2034.346	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	6017144	608.183	ug/l	99
52) Toluene	8.78	92	1797275	102.351	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1130251	119.458	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1227023	117.027	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	742581	102.447	ug/l	98
56) Ethyl methacrylate	9.17	69	1250015	116.856	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1249780	107.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2716770	537.276	ug/l	99
59) 2-Hexanone	9.49	43	4795656	626.296	ug/l	99
60) Dibromochloromethane	9.58	129	818973	111.998	ug/l	99
61) 1,2-Dibromoethane	9.67	107	796139	103.736	ug/l	99
64) Tetrachloroethene	9.33	164	680498	89.567	ug/l	99
65) Chlorobenzene	10.14	112	1973238	98.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	749906	106.055	ug/l	99
67) Ethyl Benzene	10.24	91	3473632	101.379	ug/l	98
68) m/p-Xylenes	10.35	106	2668512	203.053	ug/l	100
69) o-Xylene	10.70	106	1307116	102.255	ug/l	100
70) Styrene	10.71	104	2268817	106.322	ug/l	100
71) Bromoform	10.85	173	673824	118.913	ug/l #	99
73) Isopropylbenzene	11.01	105	3461454	97.320	ug/l	100
74) N-amyl acetate	10.89	43	1752380	124.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1265268	107.213	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1136331m	118.694	ug/l	
77) Bromobenzene	11.25	156	923654	94.755	ug/l	98
78) n-propylbenzene	11.35	91	3959603	100.546	ug/l	99
79) 2-Chlorotoluene	11.42	91	2325574	98.445	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2942314	99.298	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	448878	124.582	ug/l	96
82) 4-Chlorotoluene	11.51	91	2756940	100.285	ug/l	99
83) tert-Butylbenzene	11.77	119	3000194	102.297	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2991019	99.997	ug/l	99
85) sec-Butylbenzene	11.94	105	3427749	100.546	ug/l	99
86) p-Isopropyltoluene	12.06	119	3224260	102.213	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1656812	97.762	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1673116	96.593	ug/l	99
89) n-Butylbenzene	12.38	91	2901625	107.318	ug/l	99
90) Hexachloroethane	12.59	117	596321	117.689	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1663030	99.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	302540	120.158	ug/l	99

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VSTDICC100

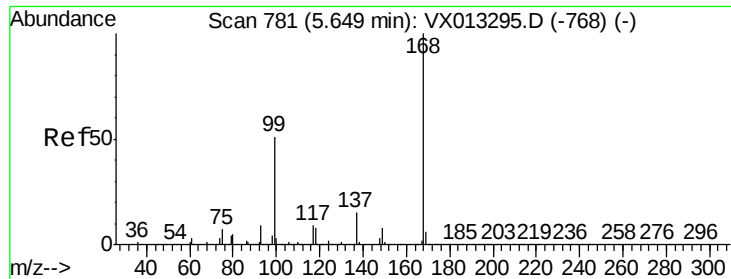
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1227830	107.513	ug/l	98
94) Hexachlorobutadiene	13.78	225	576716	102.145	ug/l	100
95) Naphthalene	13.83	128	3932056	114.444	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1217356	106.699	ug/l	99

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



#1

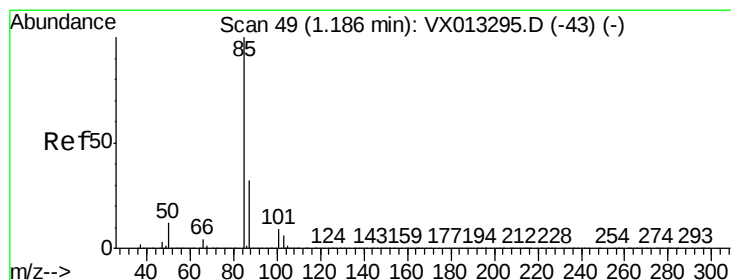
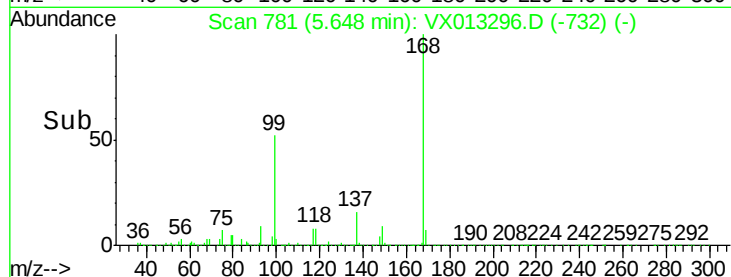
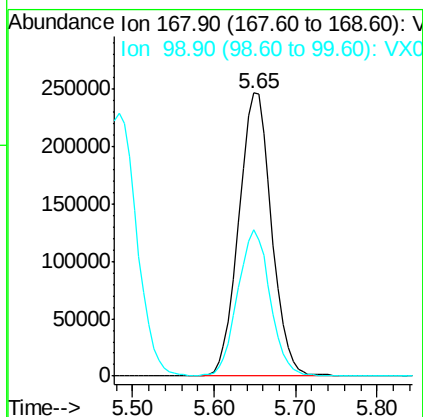
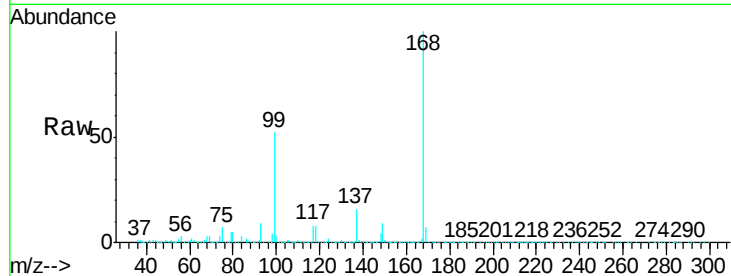
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.8	40.8	61.2

Manual Integrations
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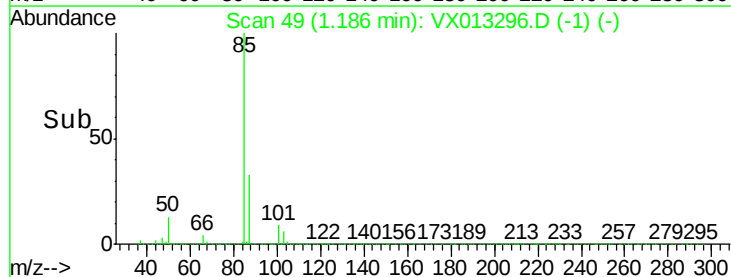
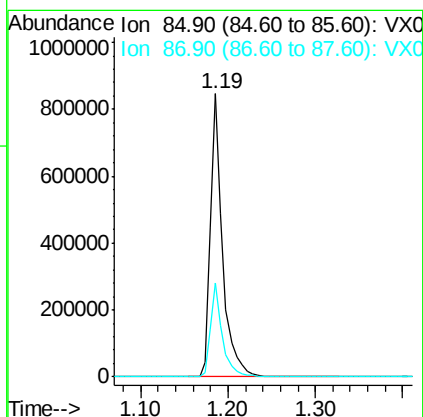
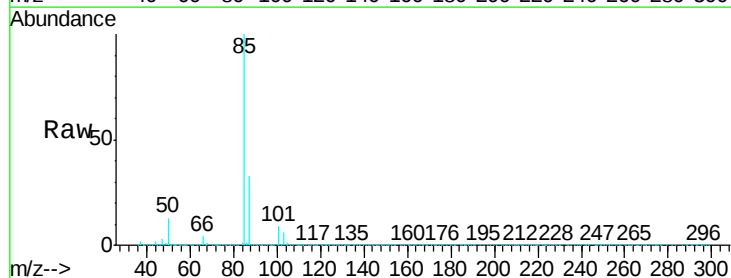
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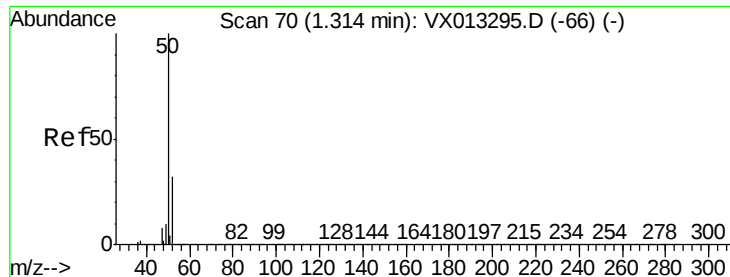


#2

Dichlorodifluoromethane
Concen: 125.308 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.9	47.6





#3

Chloromethane

Concen: 131.603 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 892939

Ion Ratio Lower Upper

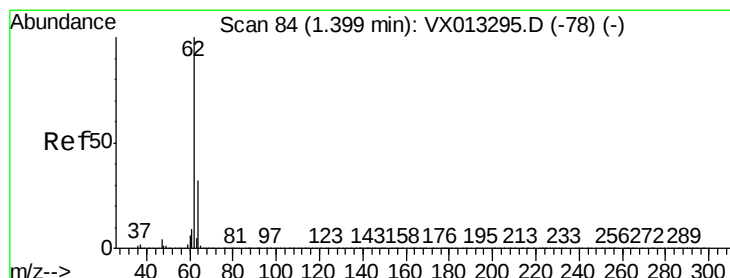
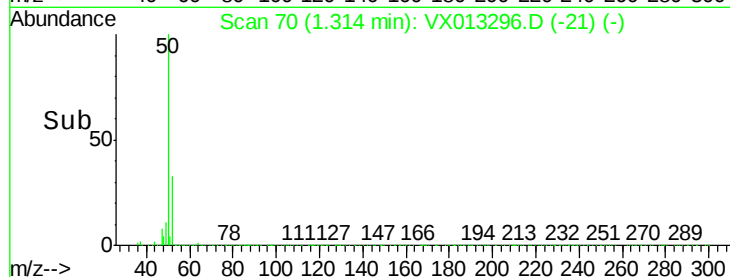
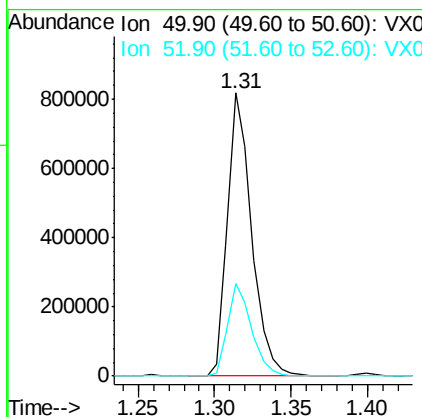
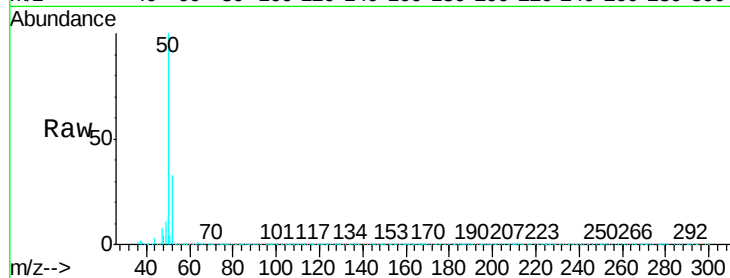
50 100

52 32.8 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 144.126 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013296.D

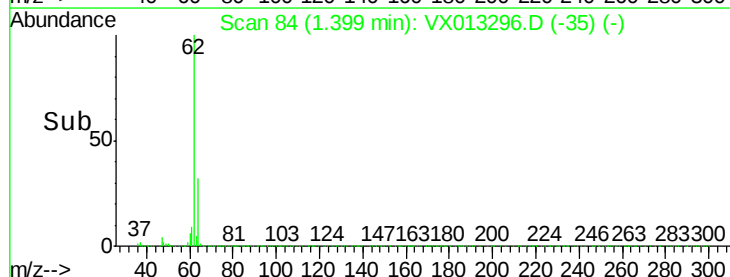
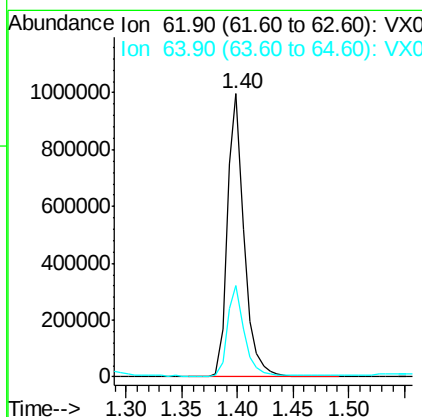
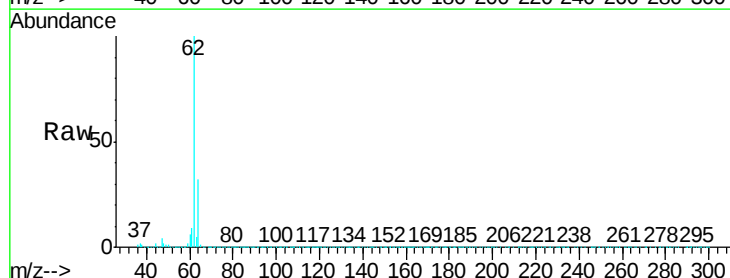
Acq: 31 Oct 2019 17:52

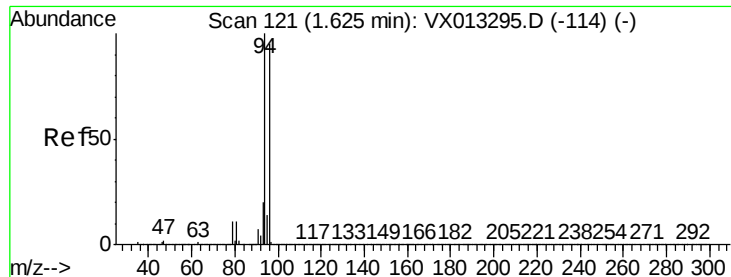
Tgt Ion: 62 Resp: 1023524

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 162.662 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 705013

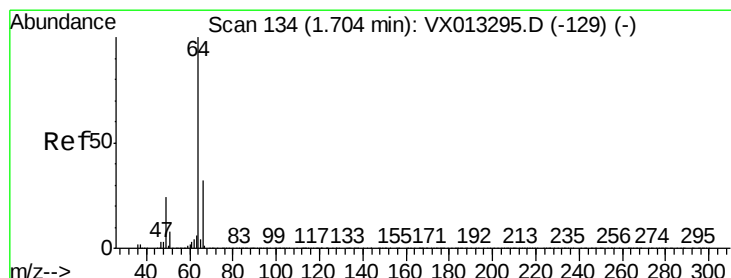
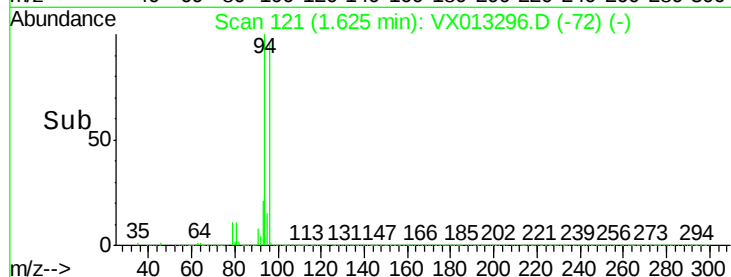
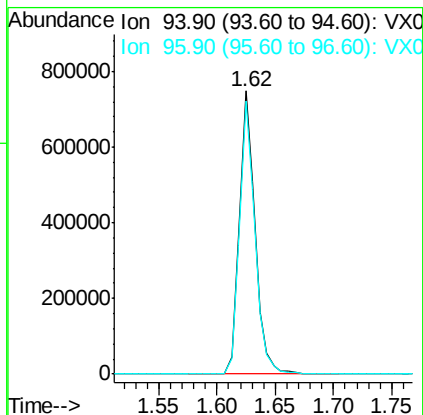
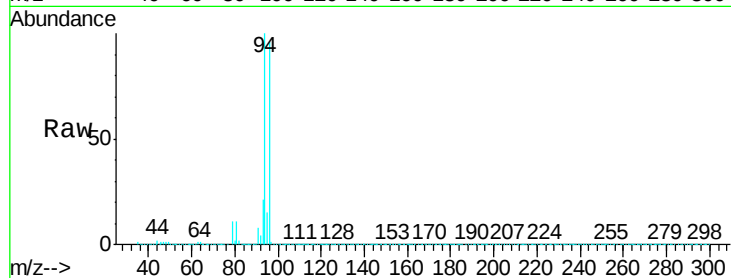
Ion Ratio Lower Upper

94 100

96 96.3 75.8 113.8

Manual Integrations
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#6

Chloroethane

Concen: 124.167 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013296.D

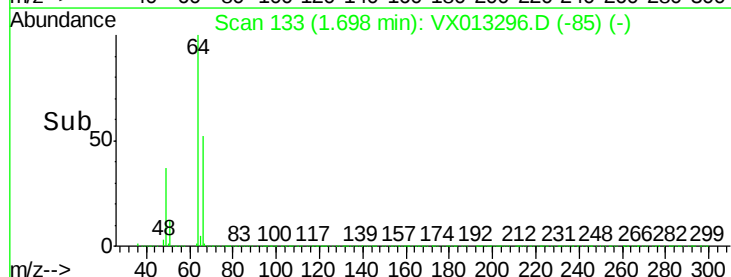
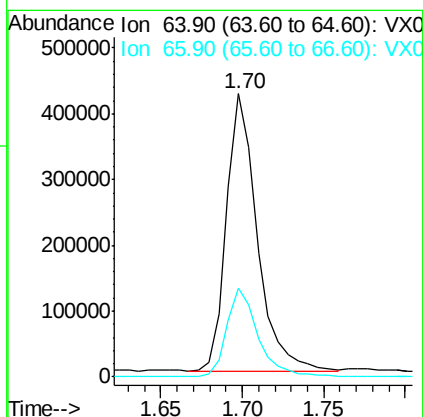
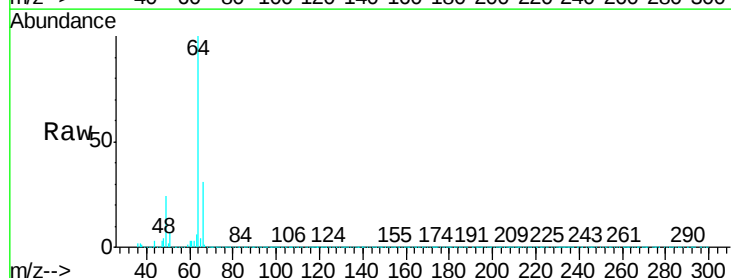
Acq: 31 Oct 2019 17:52

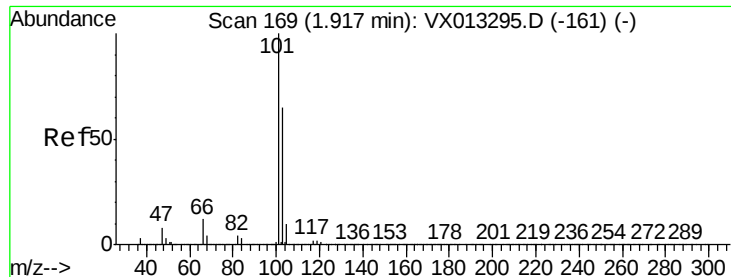
Tgt Ion: 64 Resp: 551093

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4





#7

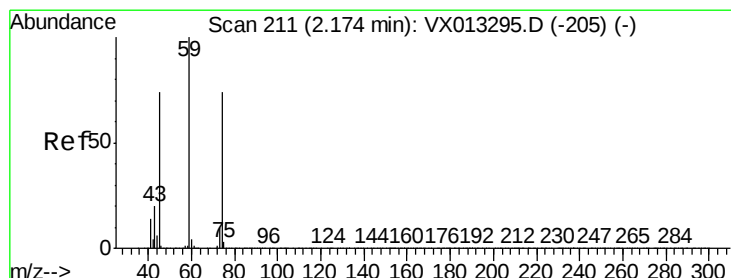
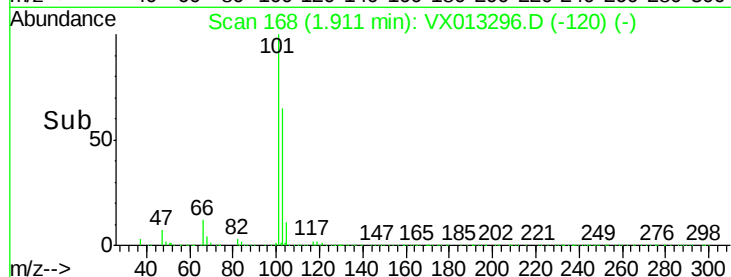
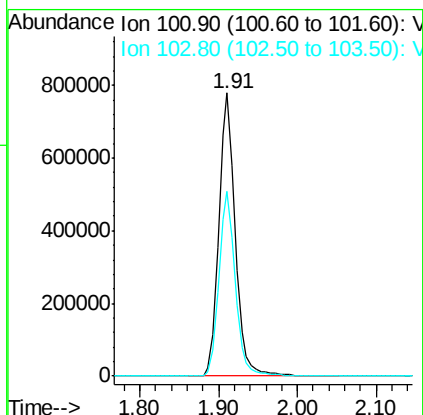
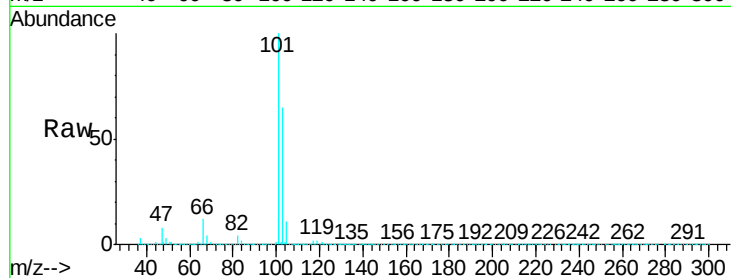
Trichlorofluoromethane
Concen: 102.510 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 1132629
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

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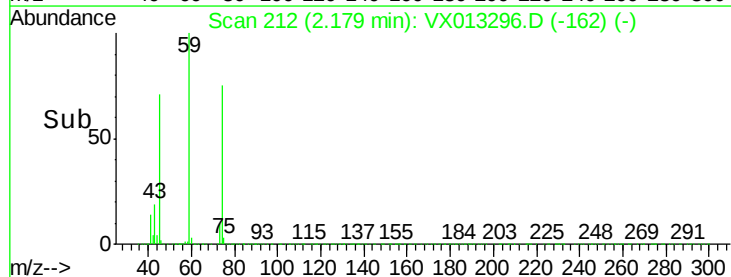
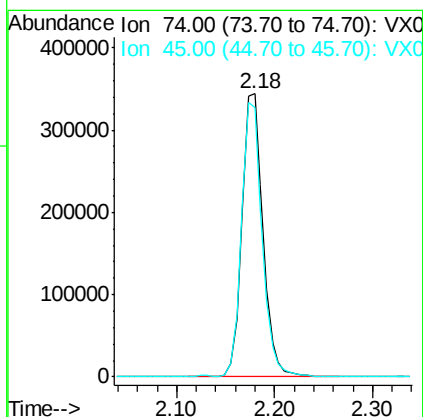
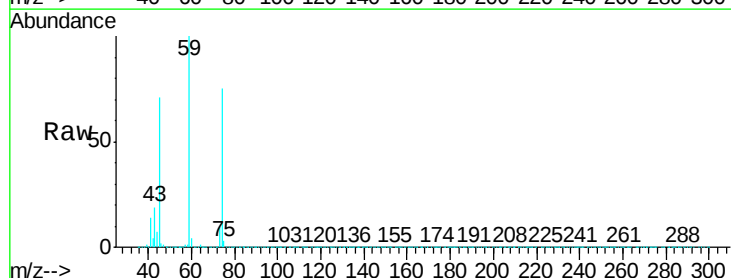
MMDadoda
11/4/2019 3:41:14 PM

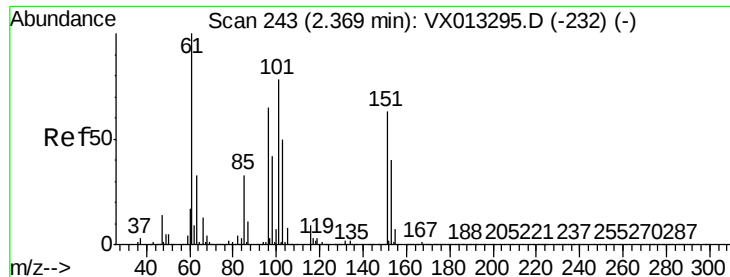


#8

Diethyl Ether
Concen: 126.416 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 74 Resp: 509748
Ion Ratio Lower Upper
74 100
45 95.1 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.795 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

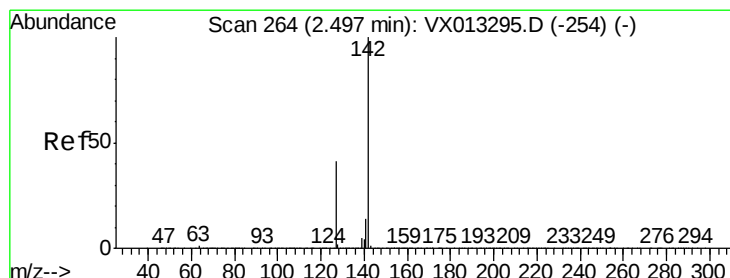
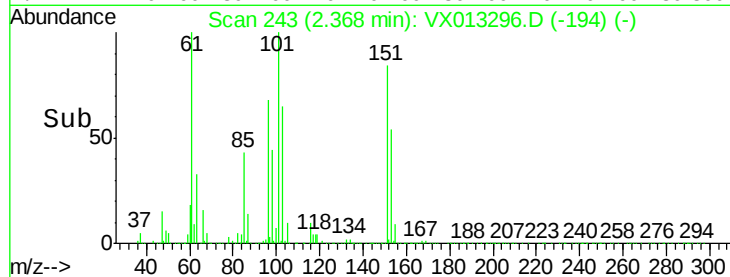
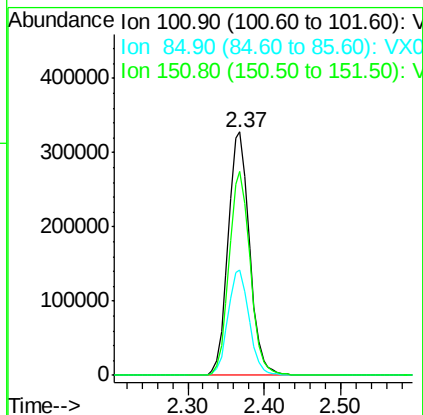
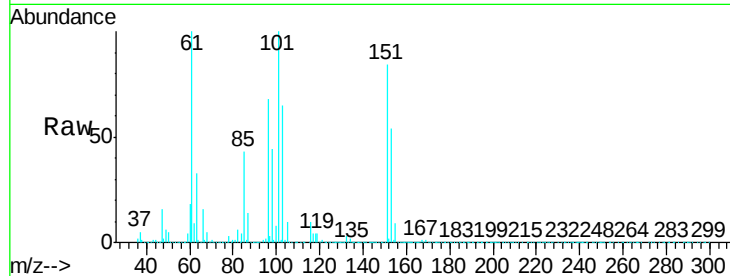
ClientSampleId :

VSTDIC100

Tgt Ion:	101	Resp:	636219
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.4	51.6
151	82.8	66.4	99.6

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 107.188 ug/l

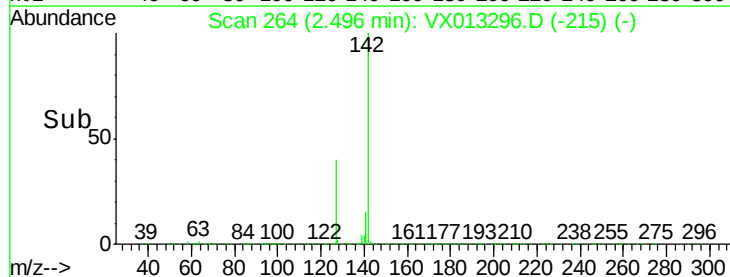
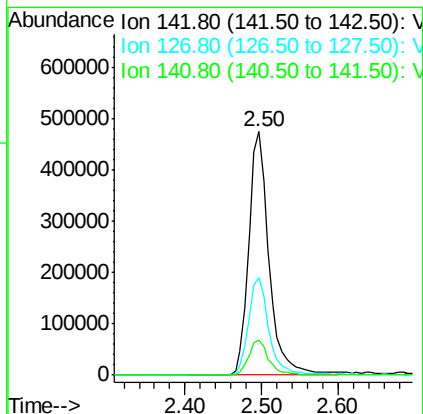
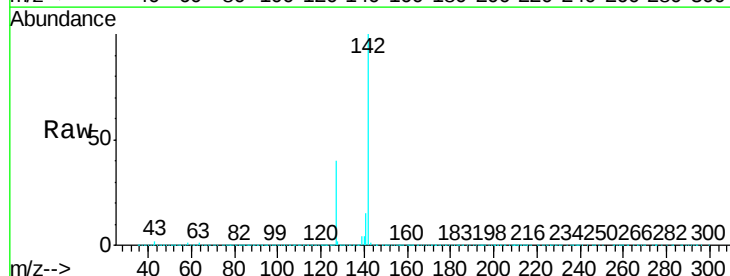
RT: 2.50 min Scan# 264

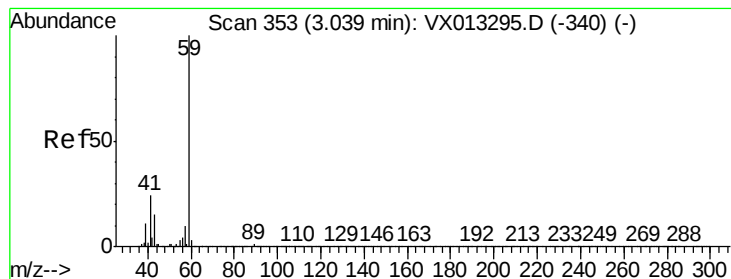
Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:	142	Resp:	875096
Ion Ratio	Lower	Upper	
142	100		
127	40.0	32.6	49.0
141	14.3	11.6	17.4





#11

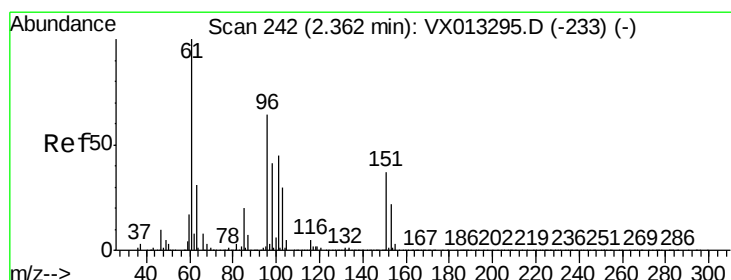
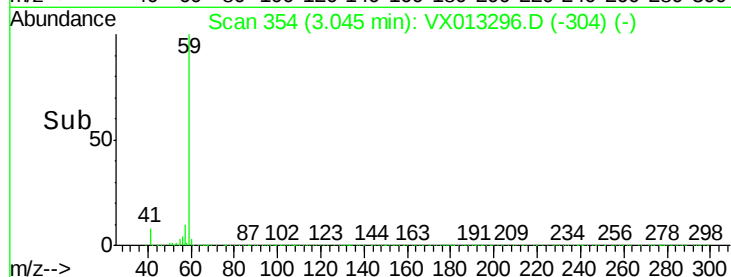
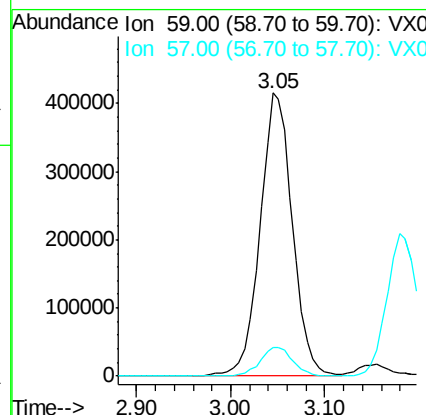
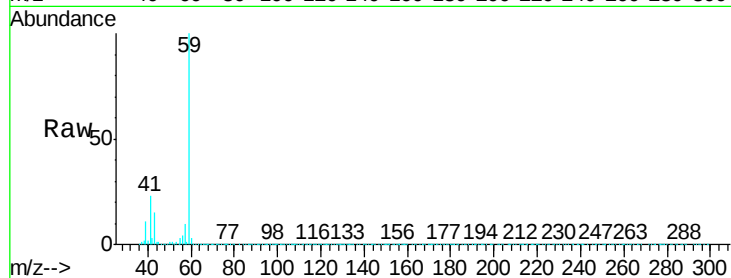
Tert butyl alcohol
Concen: 554.317 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.0	12.0

Manual Integrations
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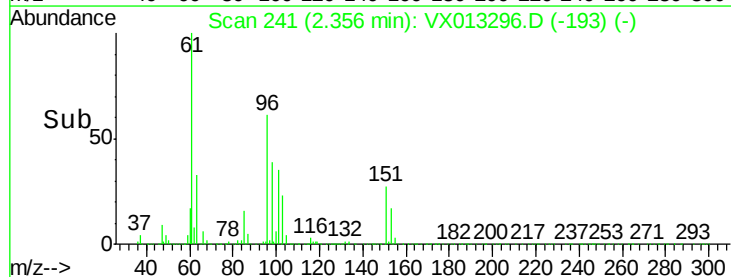
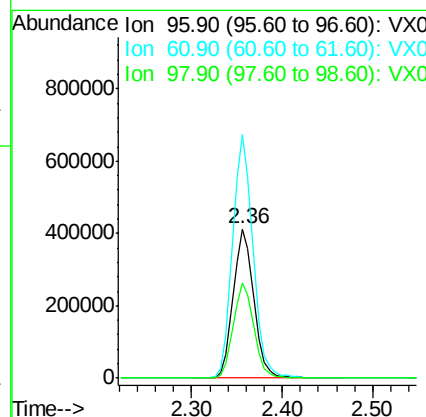
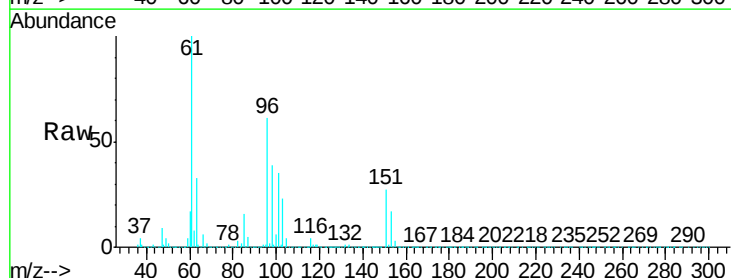
MMDadoda
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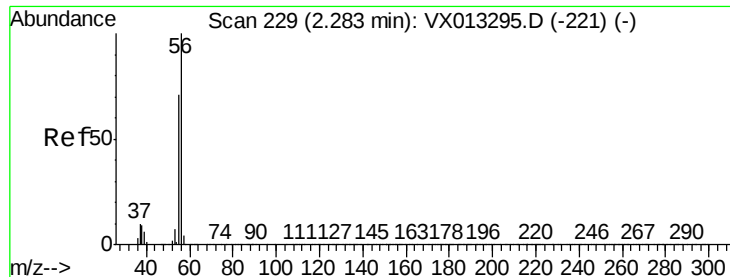


#12

1,1-Dichloroethene
Concen: 104.260 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	125.0	187.6
98	63.8	50.7	76.1





#13

Acrolein

Concen: 573.108 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 596059

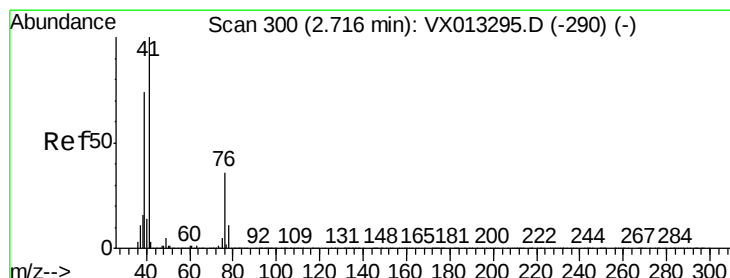
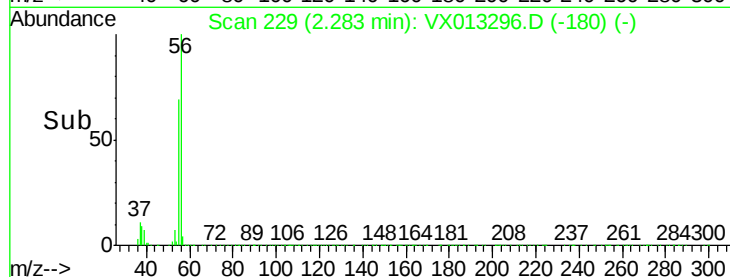
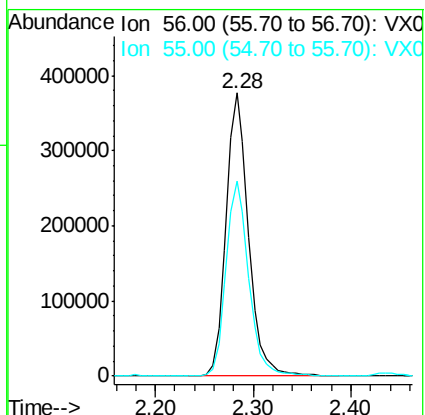
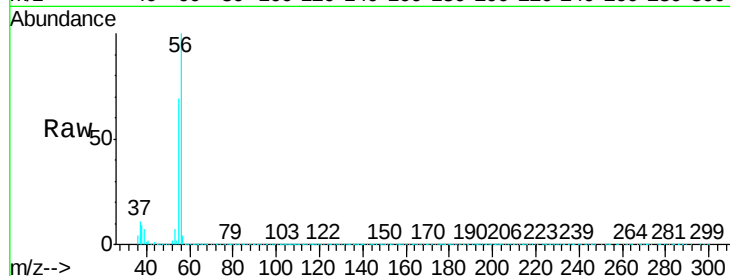
Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 126.298 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

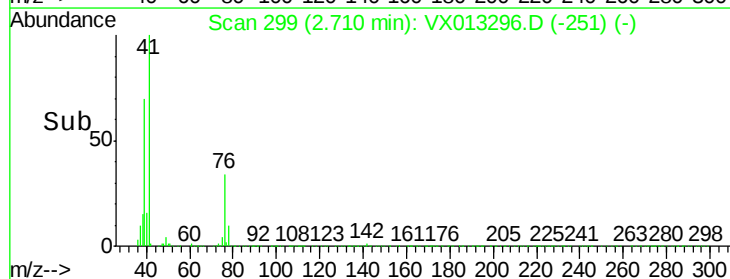
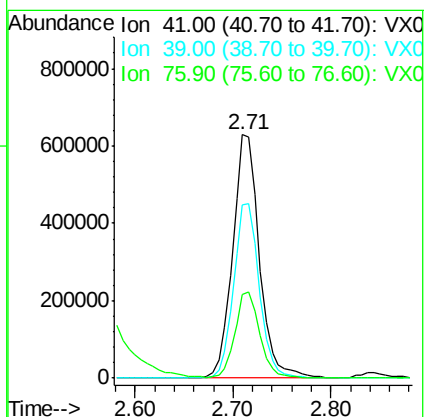
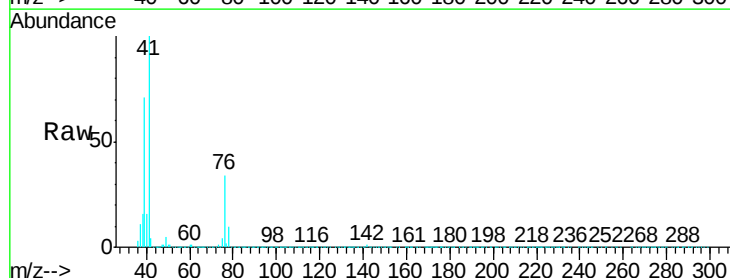
Tgt Ion: 41 Resp: 1188739

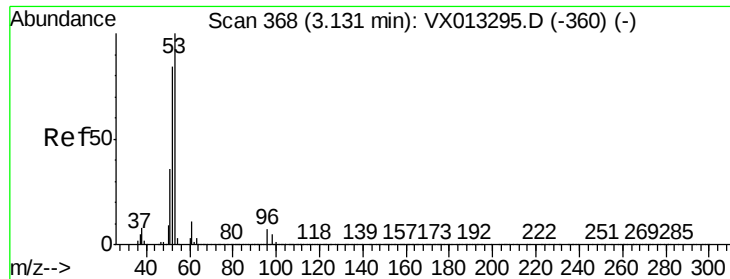
Ion Ratio Lower Upper

41 100

39 69.2 55.8 83.8

76 32.9 26.4 39.6





#15

Acrylonitrile

Concen: 588.333 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

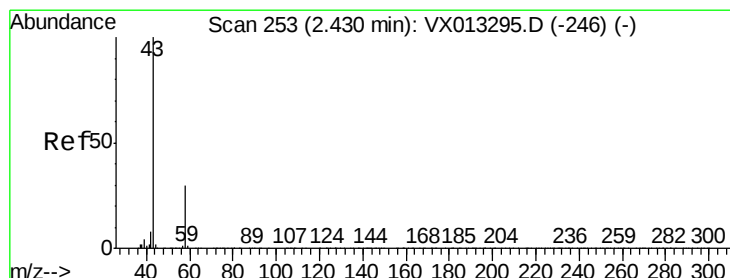
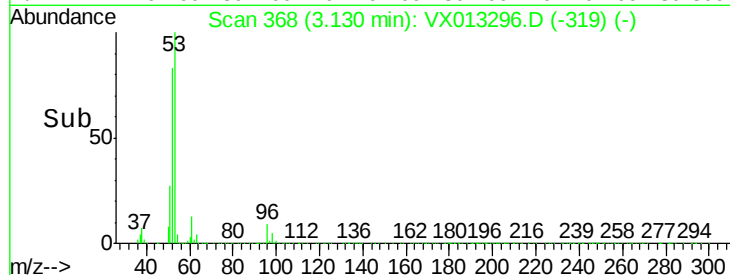
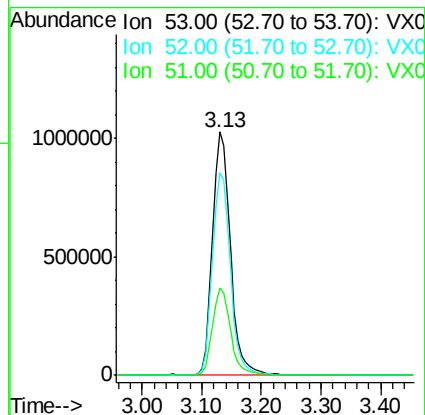
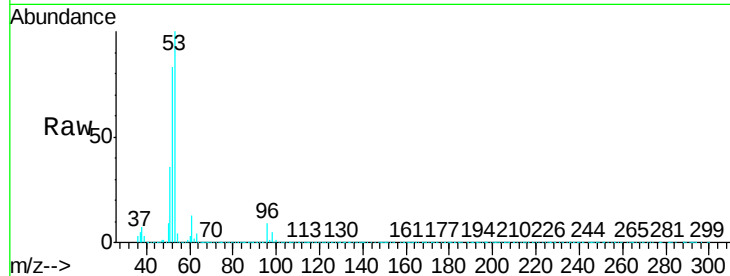
ClientSampleId :

VSTDICC100

Tgt Ion:	53	Resp:	2121386
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.4	101.0
51	36.0	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 573.538 ug/l

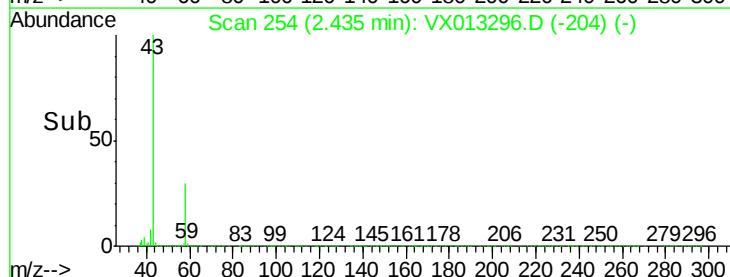
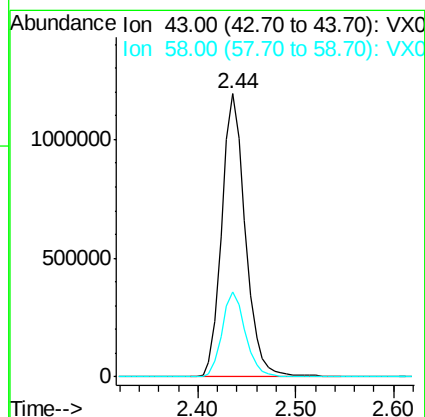
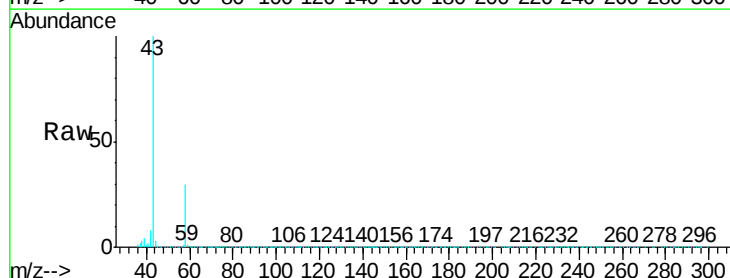
RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:	43	Resp:	1993999
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.3	36.5





#17

Carbon Disulfide

Concen: 111.976 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 1795109

Ion Ratio Lower Upper

76 100

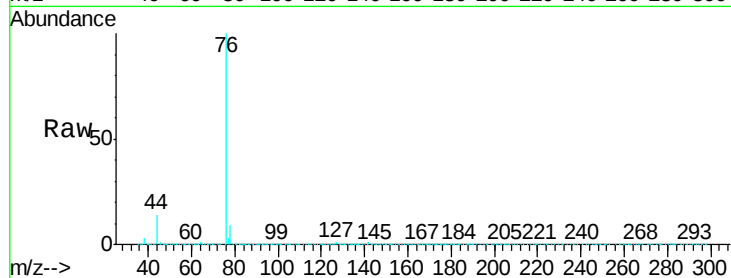
78 9.1 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

800000

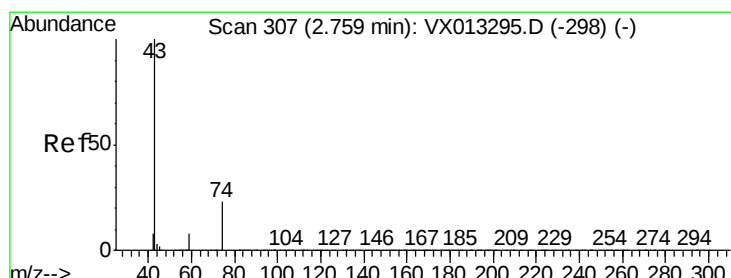
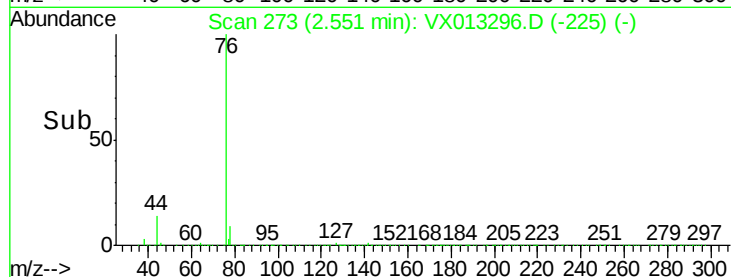
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 138.819 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013296.D

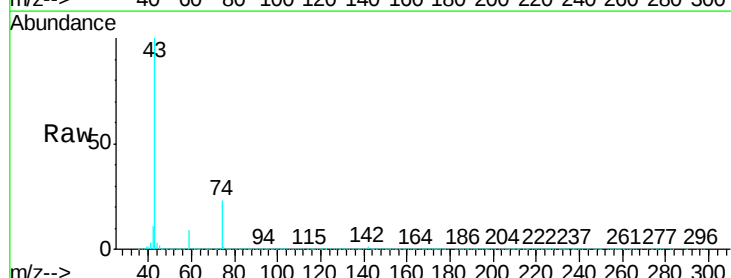
Acq: 31 Oct 2019 17:52

Tgt Ion: 43 Resp: 1161659

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

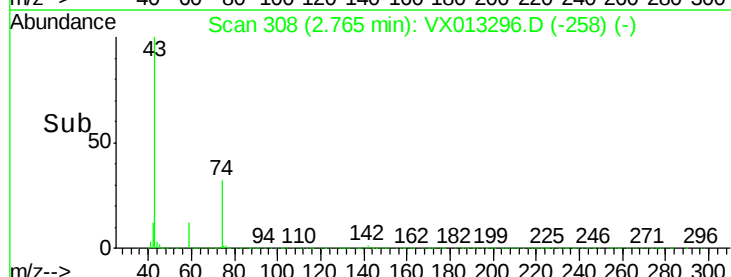
600000

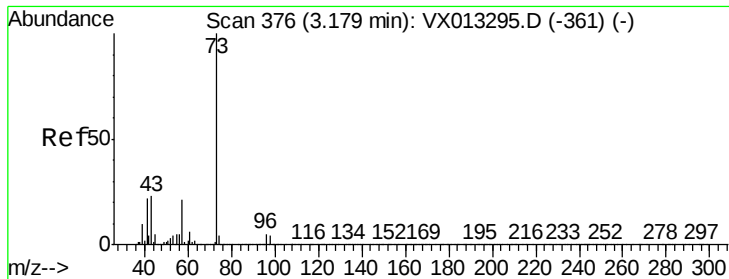
400000

200000

0

Time-->





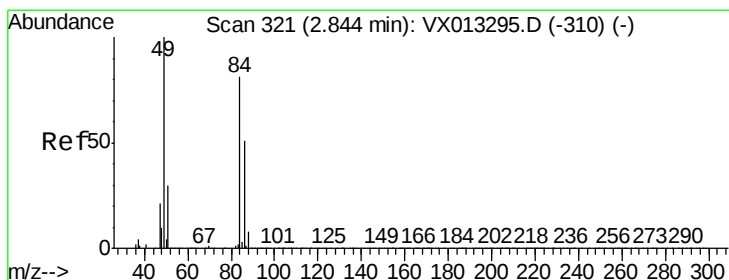
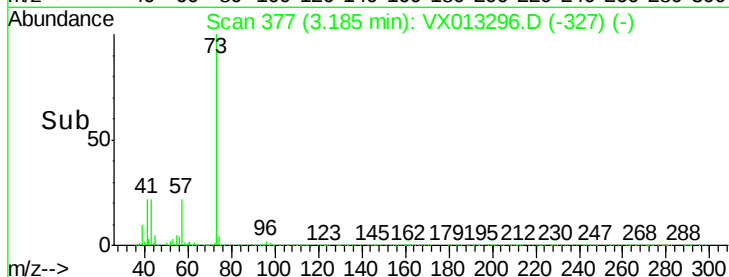
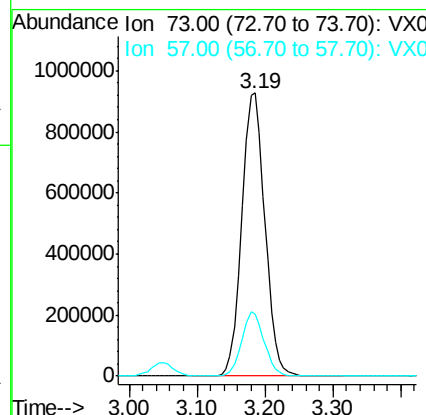
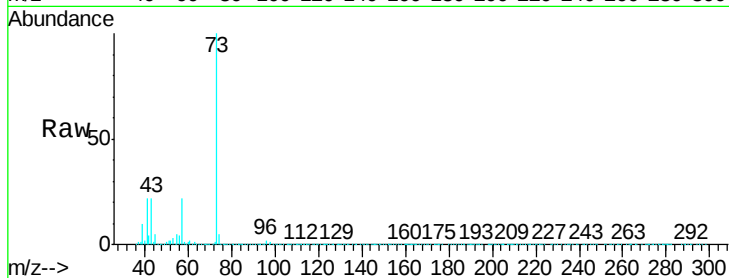
#19
Methyl tert-butyl Ether
Concen: 107.591 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 2185143
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7

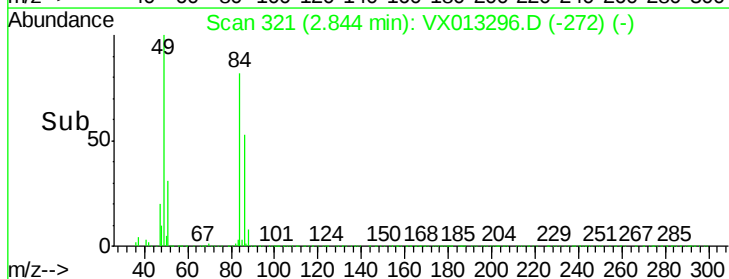
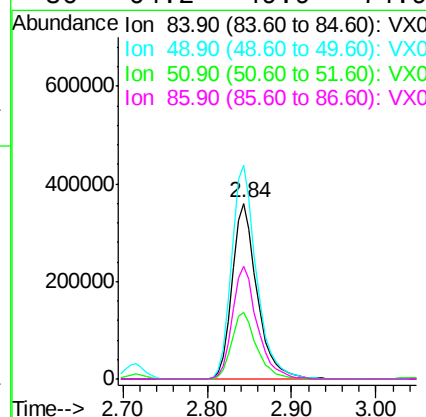
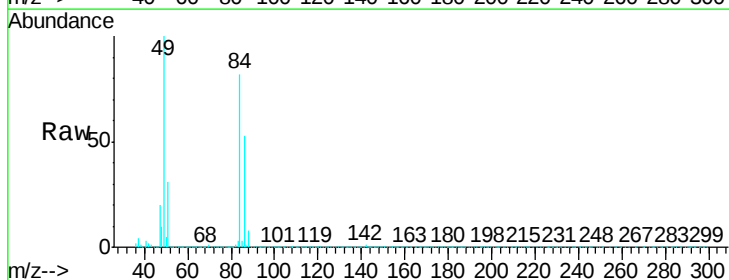
Manual Integrations
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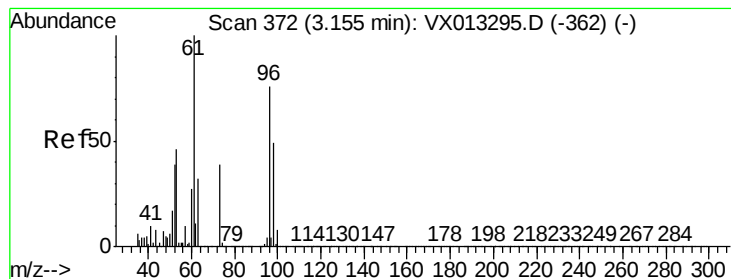
MMDadoda
11/4/2019 3:41:14 PM



#20
Methylene Chloride
Concen: 101.313 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 84 Resp: 722757
Ion Ratio Lower Upper
84 100
49 121.5 98.2 147.4
51 37.5 29.9 44.9
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 104.646 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

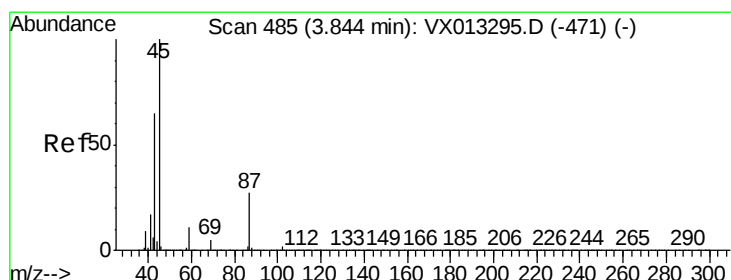
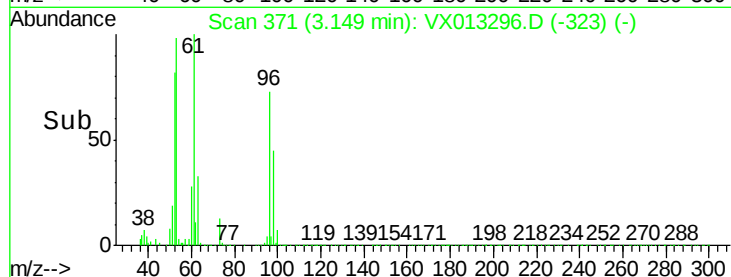
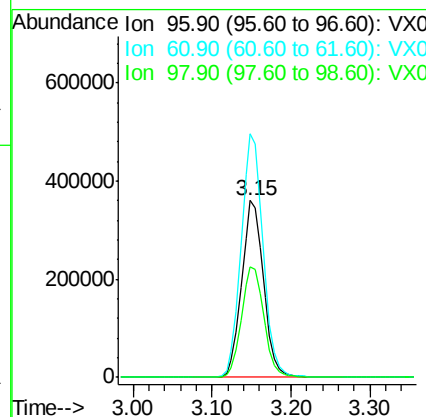
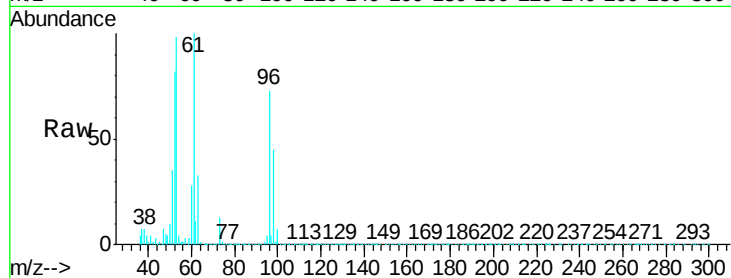
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	692650
Ion Ratio	Lower	Upper	
96	100		
61	137.6	105.8	158.6
98	62.6	51.8	77.6

Manual Integrations
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11/4/2019 3:41:14 PM



#22

Diisopropyl ether

Concen: 117.176 ug/l

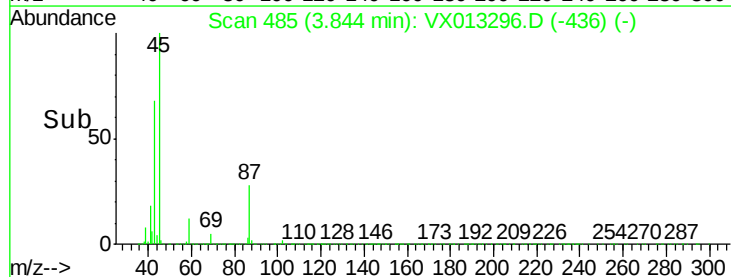
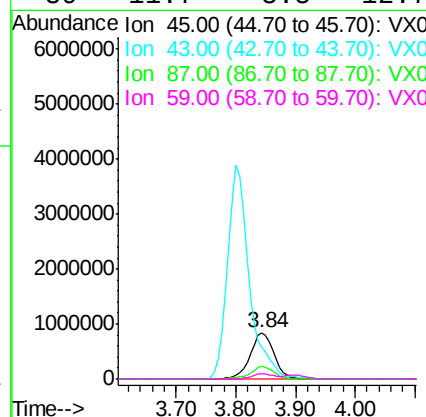
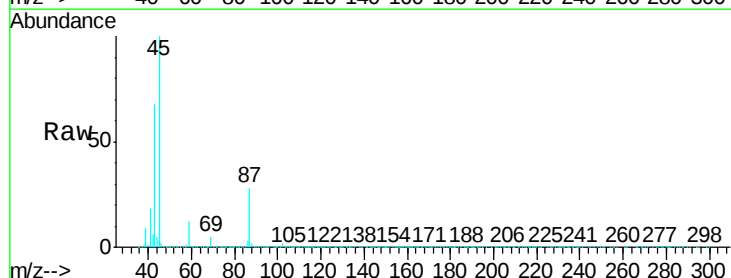
RT: 3.84 min Scan# 485

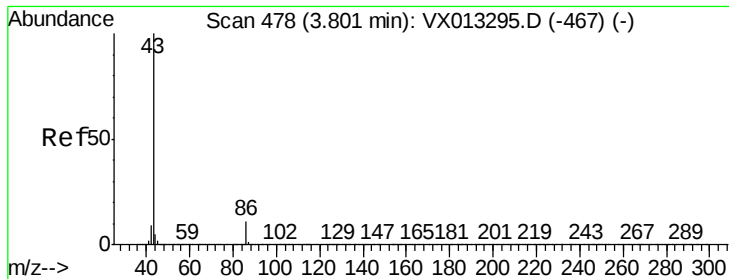
Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:	45	Resp:	2307889
Ion Ratio	Lower	Upper	
45	100		
43	68.1	54.2	81.2
87	27.5	21.8	32.8
59	11.7	8.5	12.7





#23

Vinyl Acetate

Concen: 600.155 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 9956433

Ion Ratio Lower Upper

43 100

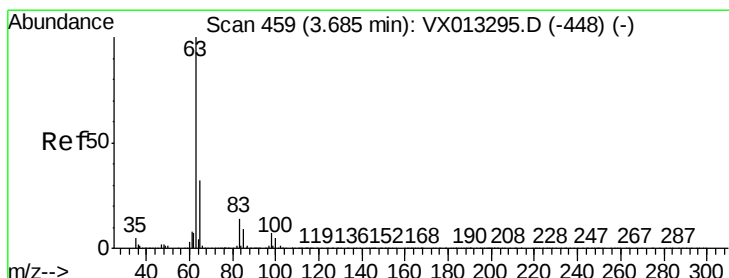
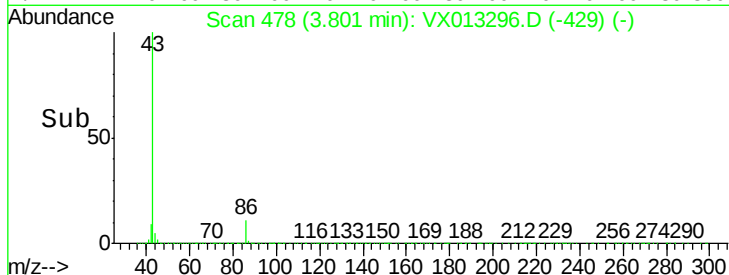
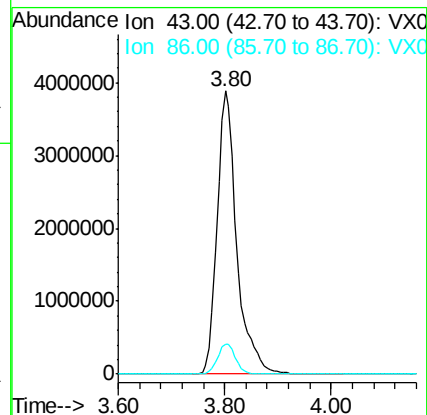
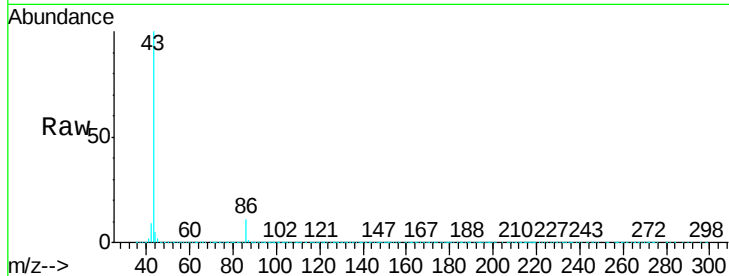
86 10.8 8.6 13.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 112.330 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

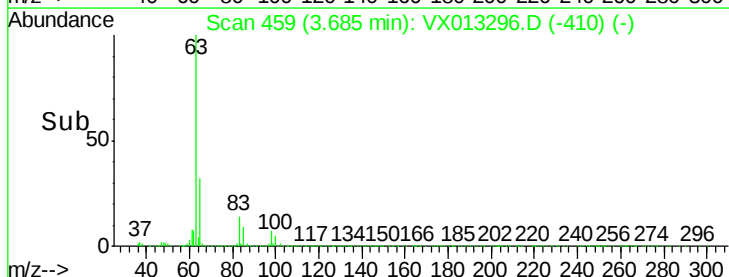
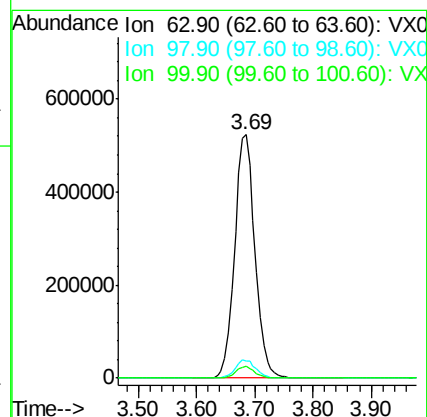
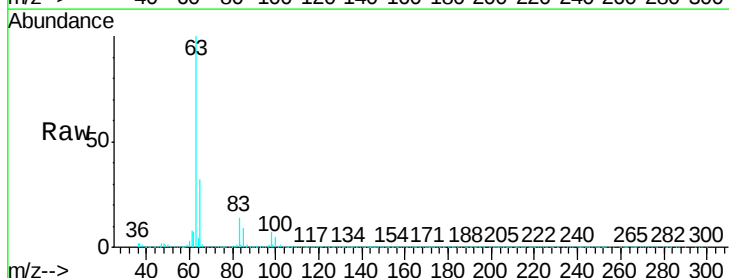
Tgt Ion: 63 Resp: 1268711

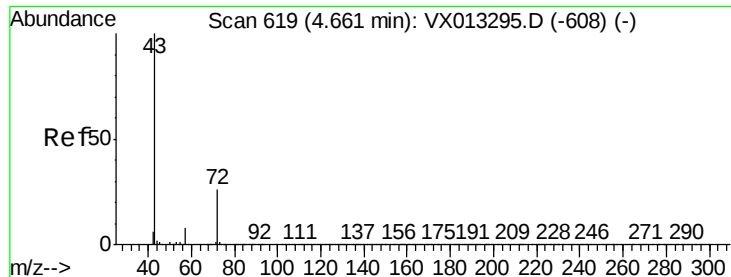
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 618.801 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 3111051

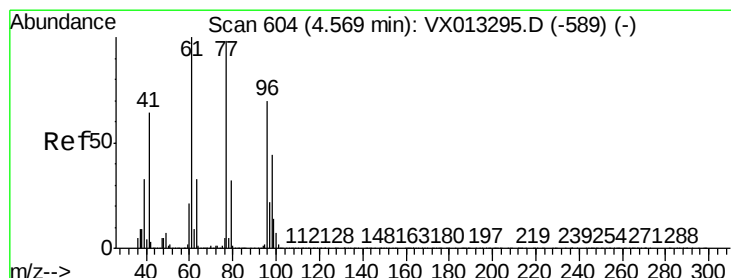
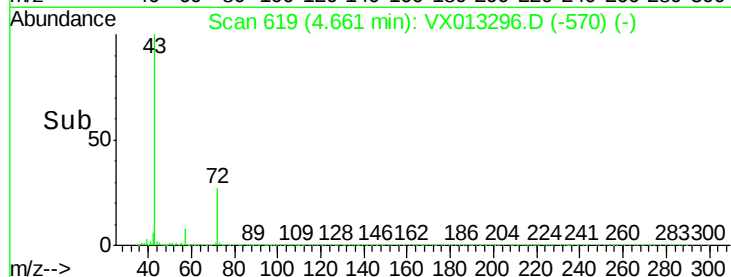
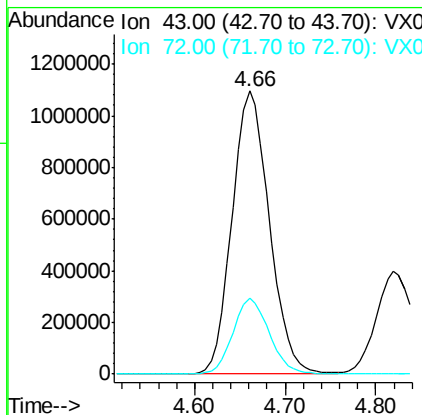
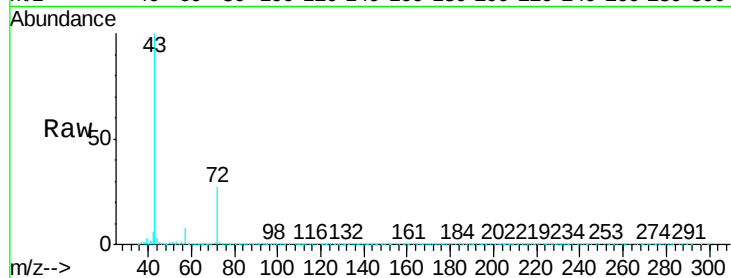
Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6

Manual Integrations
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MMDadoda
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#26

2,2-Dichloropropane

Concen: 111.567 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013296.D

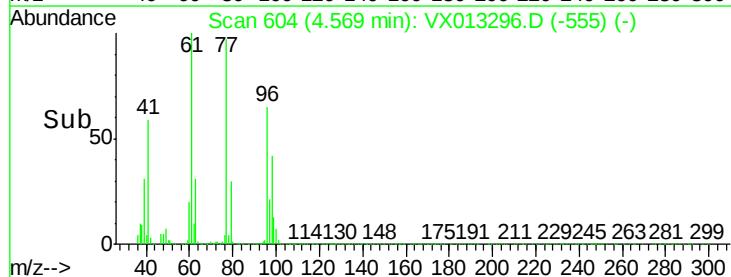
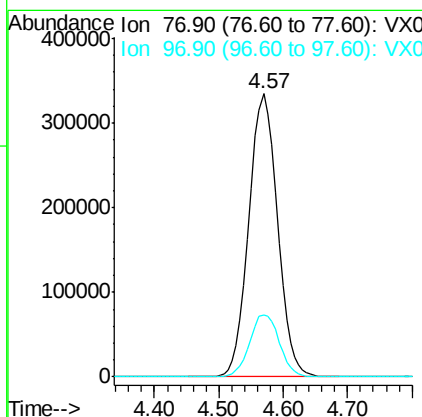
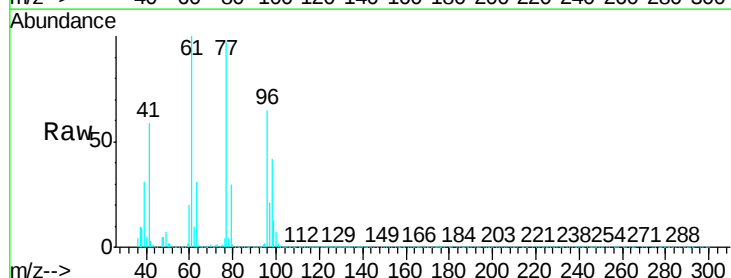
Acq: 31 Oct 2019 17:52

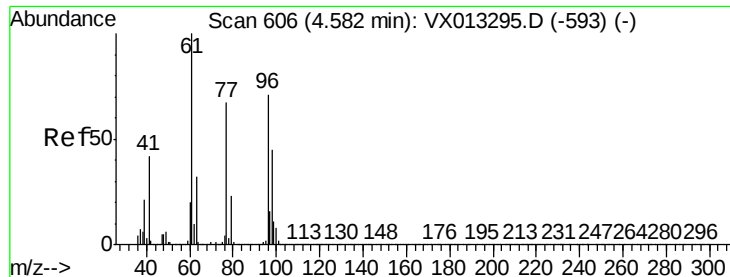
Tgt Ion: 77 Resp: 1026110

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

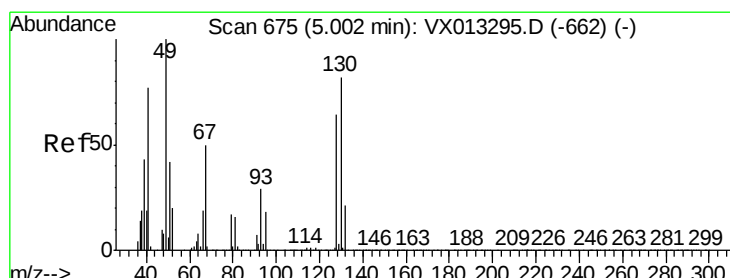
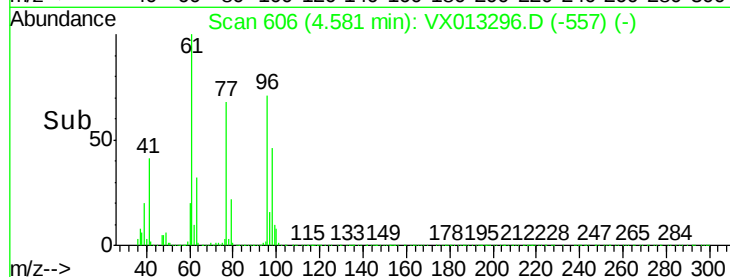
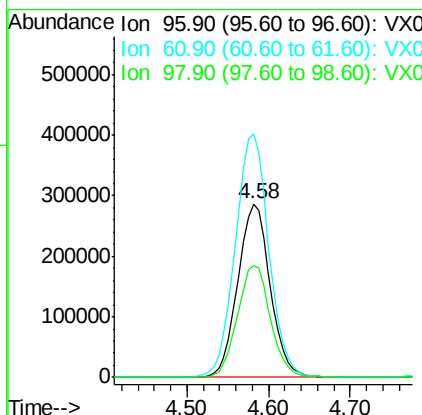
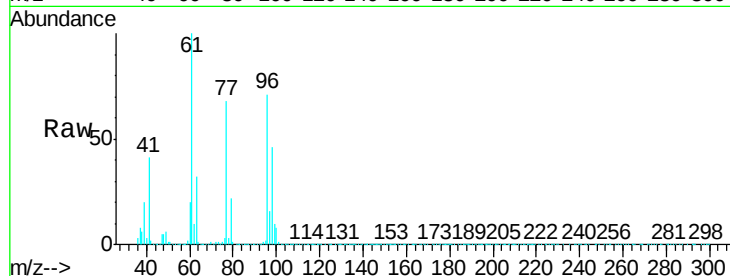
cis-1,2-Dichloroethene
Concen: 102.605 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	788190		
61	145.7	0.0	288.0	
98	65.3	0.0	129.6	

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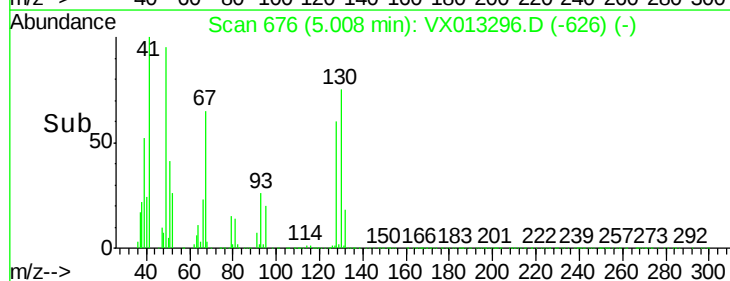
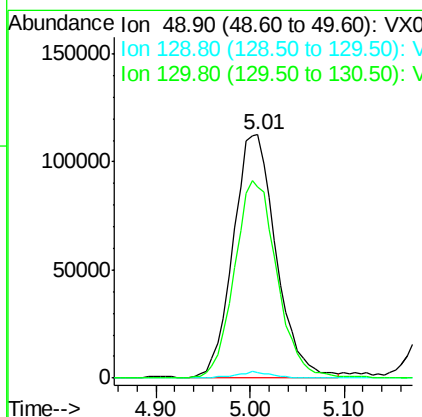
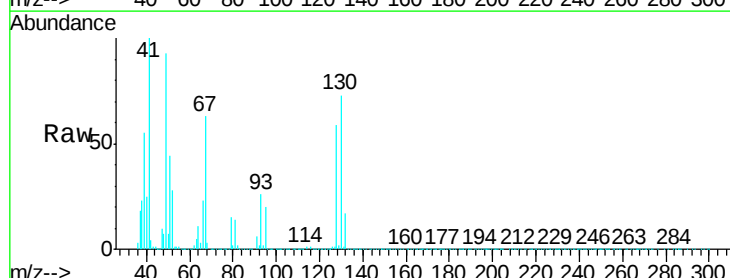
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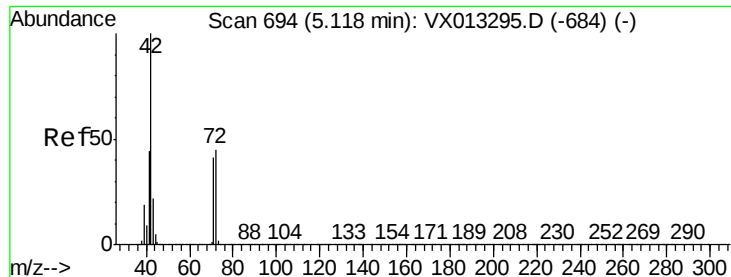


#28

Bromochloromethane
Concen: 71.991 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	356039		
129	2.4	0.0	5.2	
130	81.1	63.8	95.6	





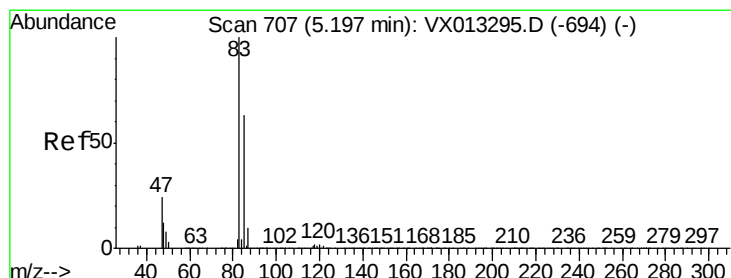
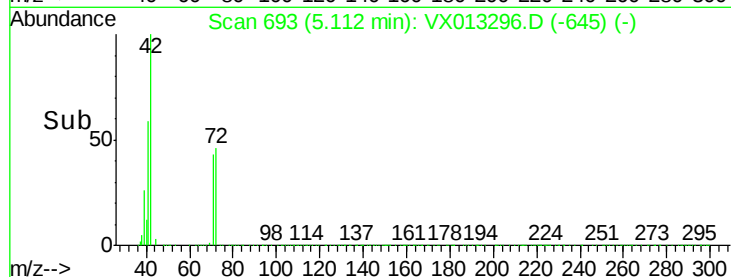
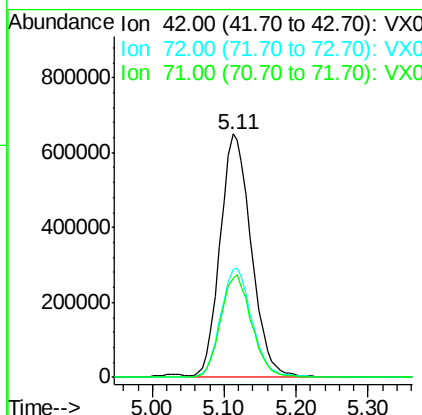
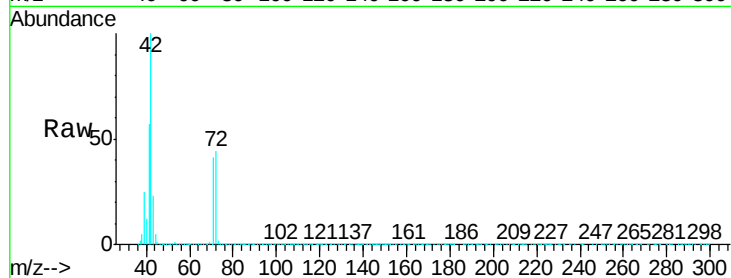
#29
Tetrahydrofuran
Concen: 610.306 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.8	53.8
71	41.8	33.4	50.0

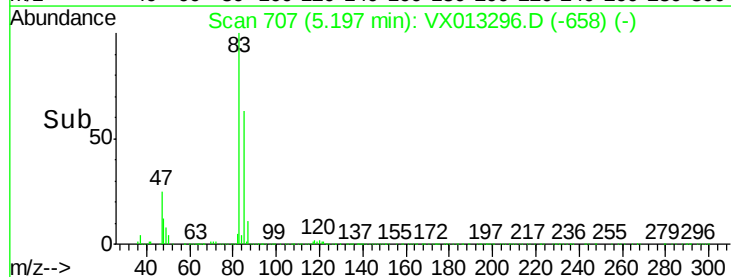
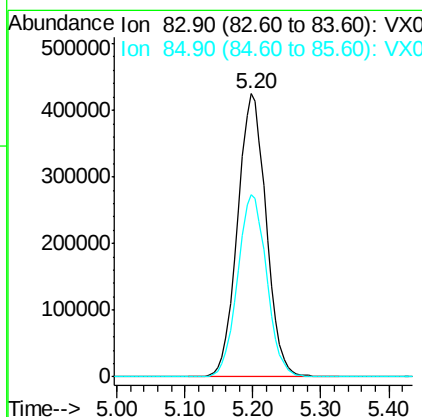
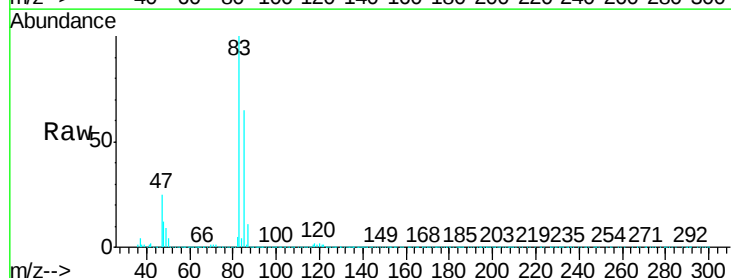
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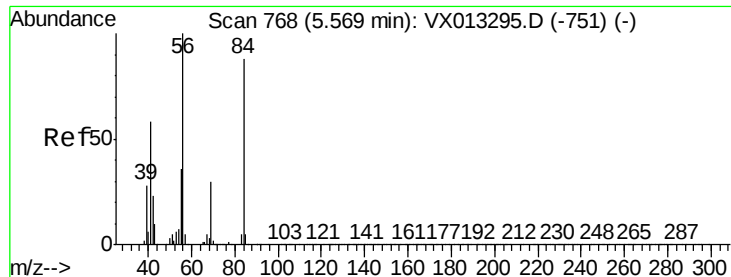
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11/4/2019 3:41:14 PM



#30
Chloroform
Concen: 103.068 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4





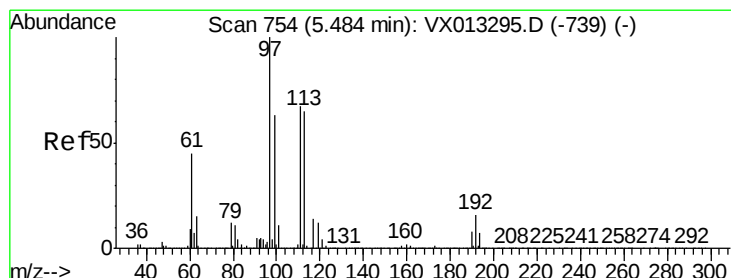
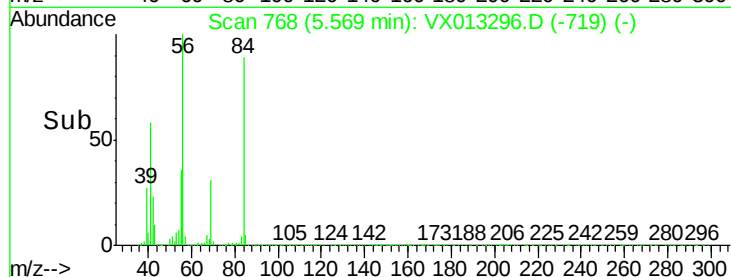
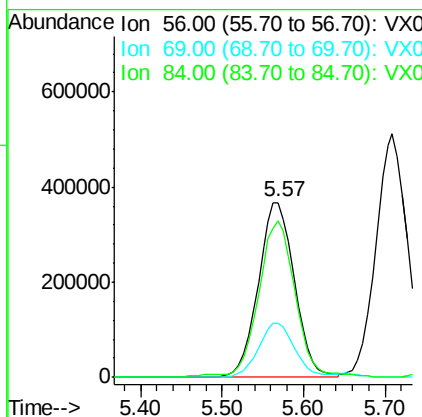
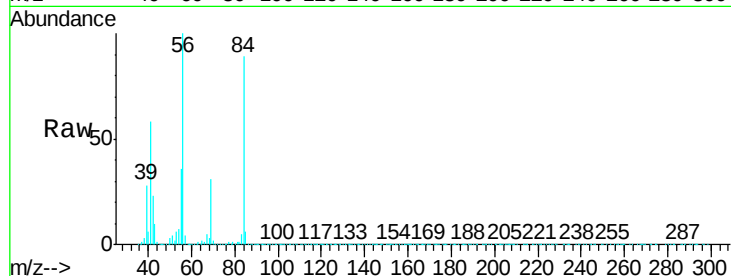
#31
Cyclohexane
Concen: 109.569 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 1126118
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 88.6 70.6 105.8

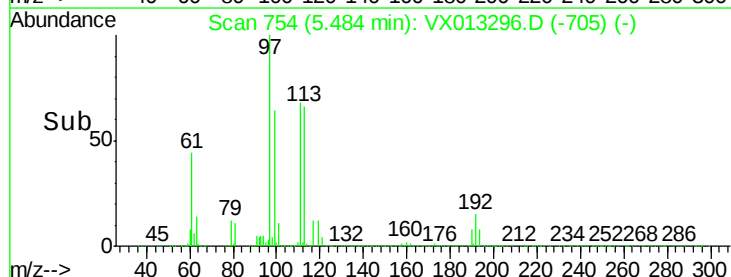
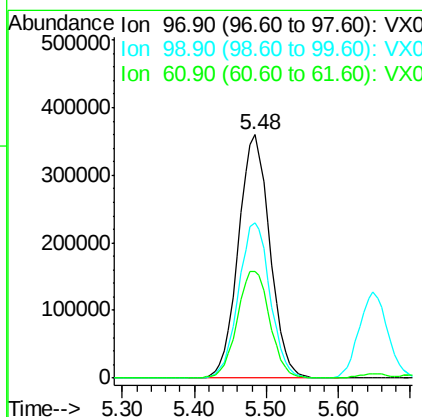
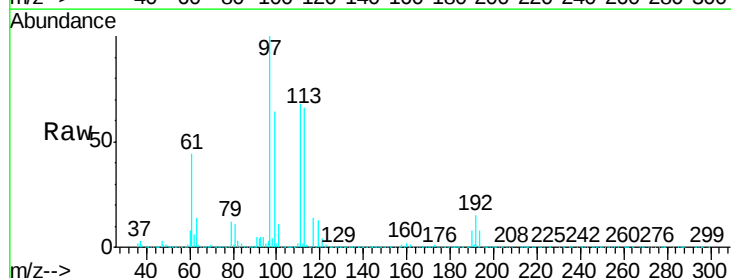
Manual Integrations
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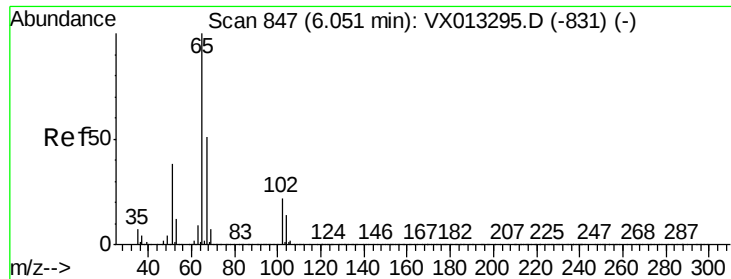
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 105.600 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 97 Resp: 1092959
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 45.2 36.5 54.7





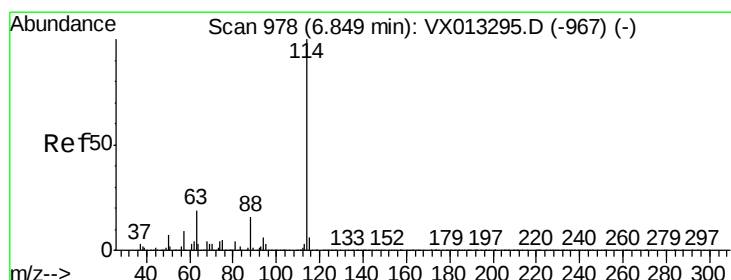
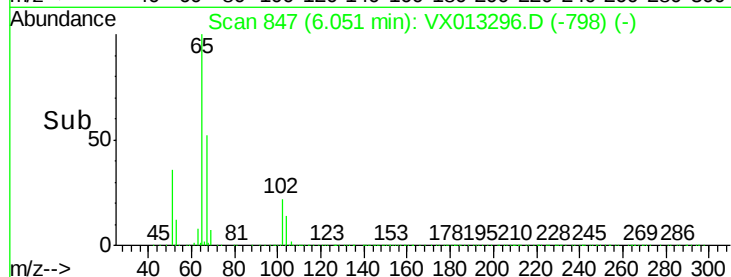
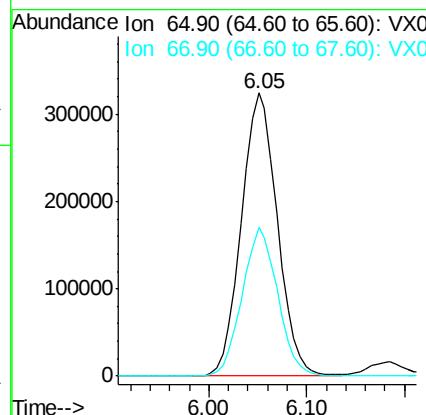
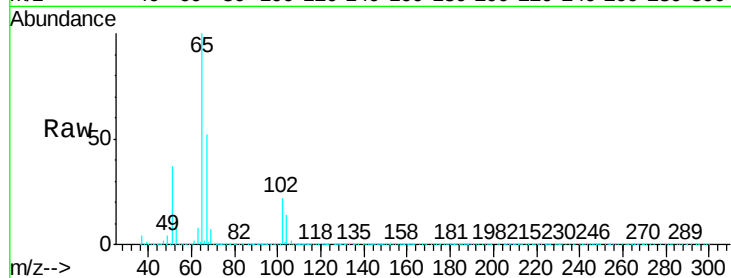
#33
 1,2-Dichloroethane-d4
 Concen: 109.549 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	827846		
67	51.9	0.0	104.2	

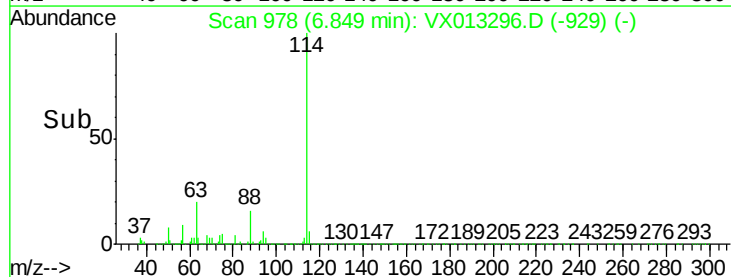
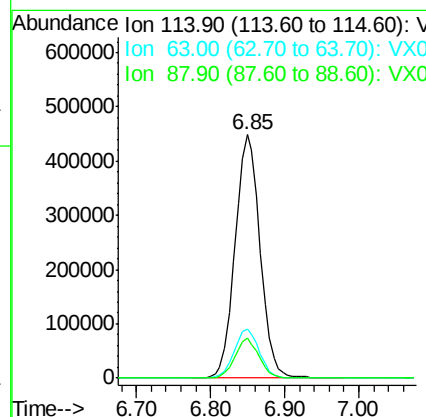
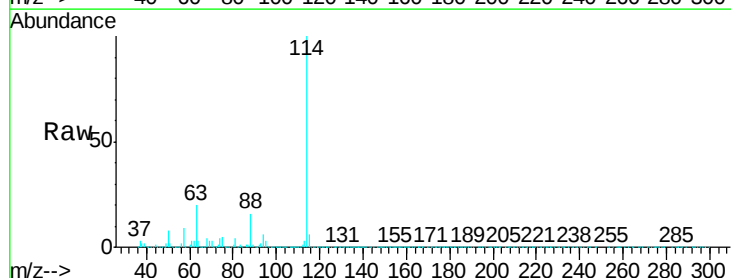
Manual Integrations
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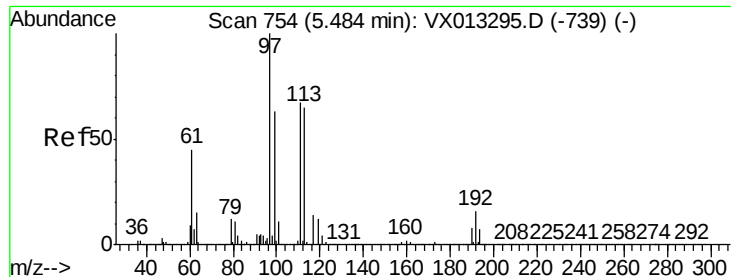
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1055186		
63	20.1	0.0	38.4	
88	16.1	0.0	32.2	





#35

Dibromofluoromethane

Concen: 101.410 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

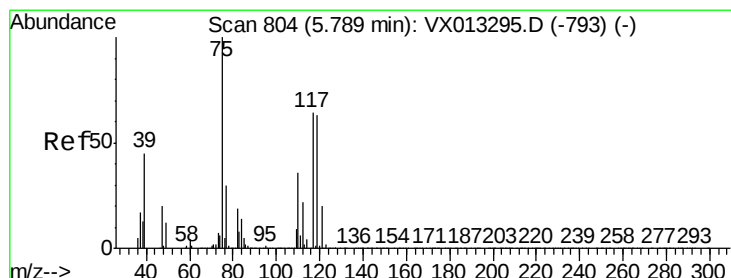
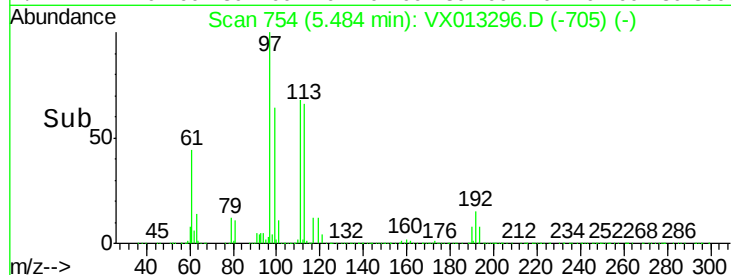
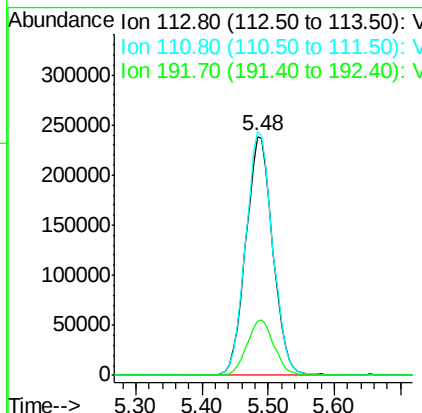
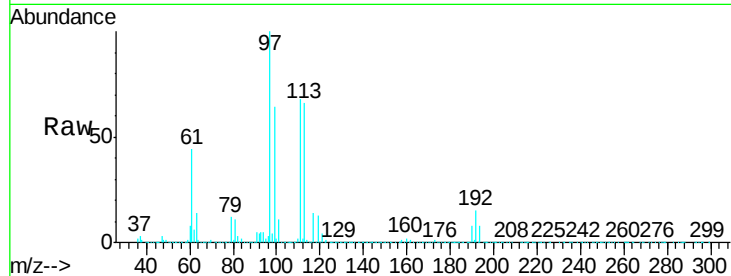
ClientSampleId :

VSTDIC100

Tgt Ion:	113	Resp:	678059
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.9	122.9
192	23.2	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 106.802 ug/l

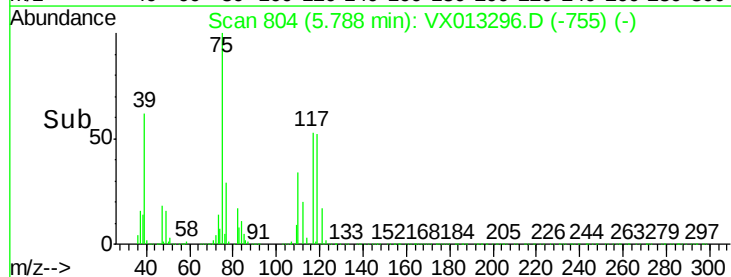
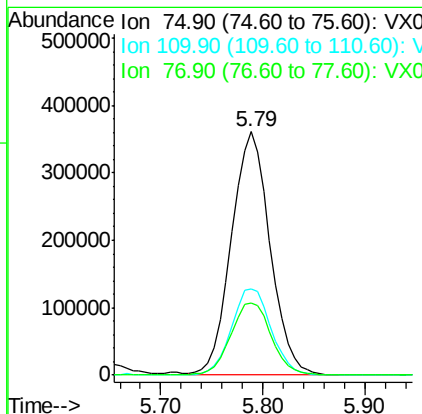
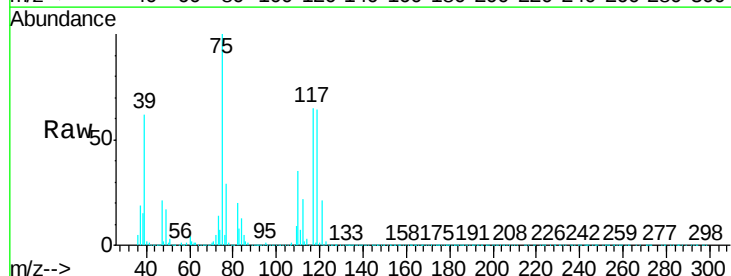
RT: 5.79 min Scan# 804

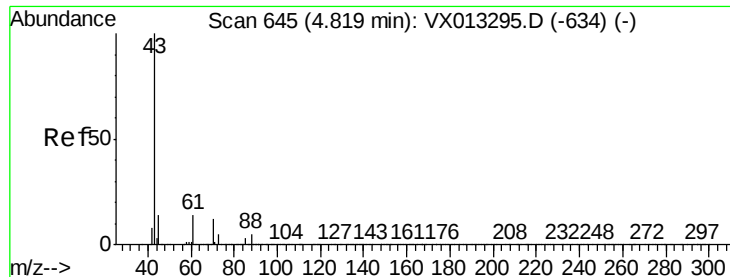
Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:	75	Resp:	942020
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	31.0	25.0	37.4





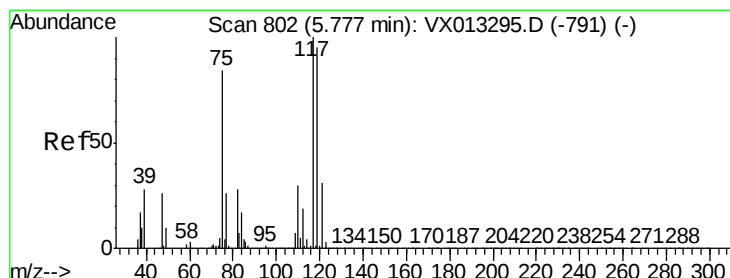
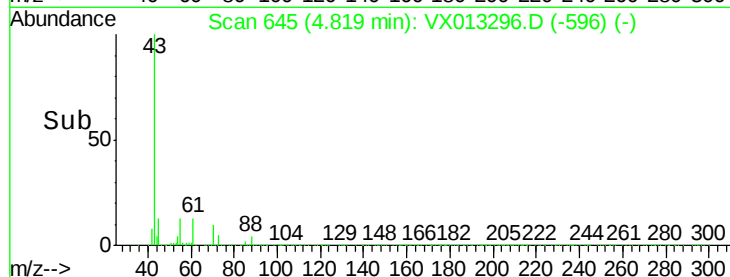
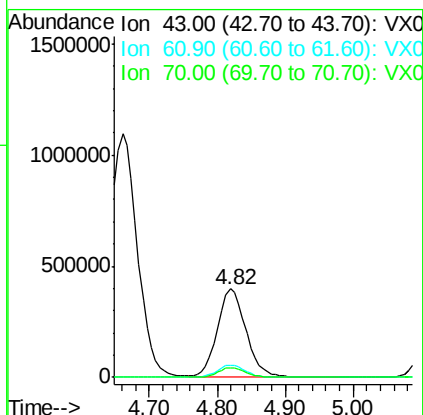
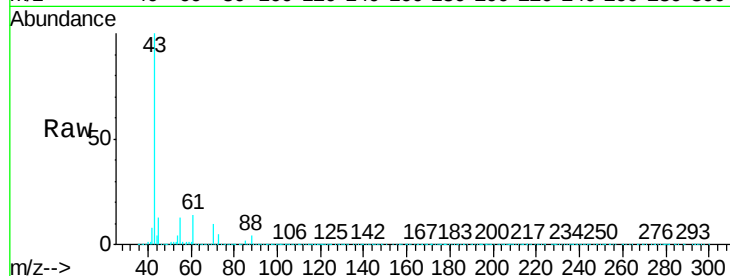
#37
Ethyl Acetate
Concen: 124.370 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	43	Resp:	1157189
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.7	8.7	13.1

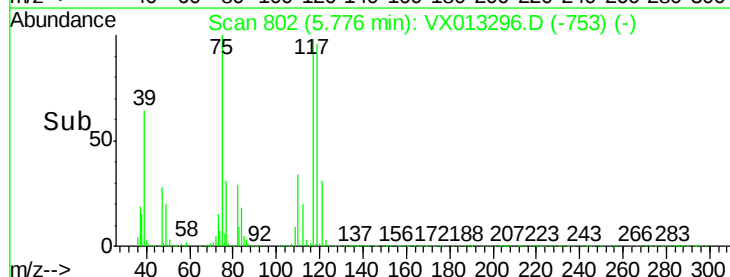
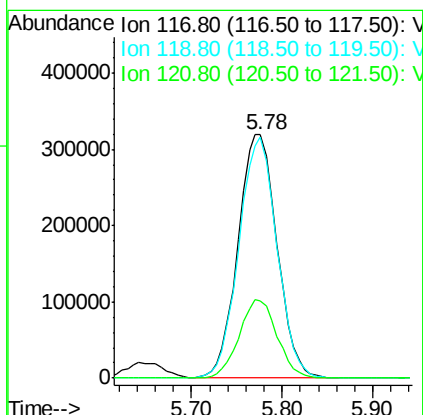
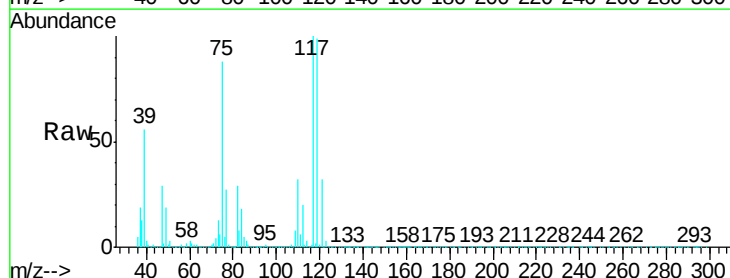
Manual Integrations
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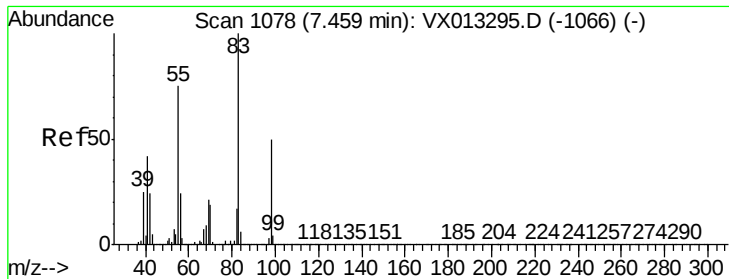
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#38
Carbon Tetrachloride
Concen: 104.467 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion:	117	Resp:	947573
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.1	114.1
121	31.8	24.6	37.0





#39

Methylcyclohexane

Concen: 103.304 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

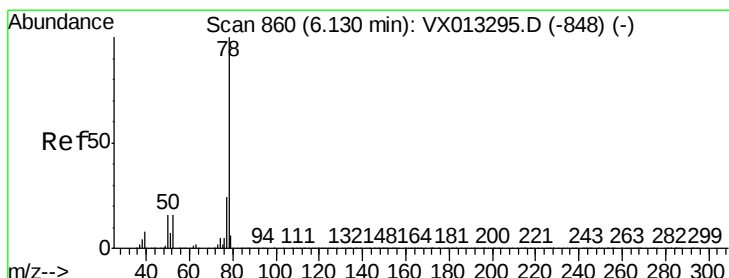
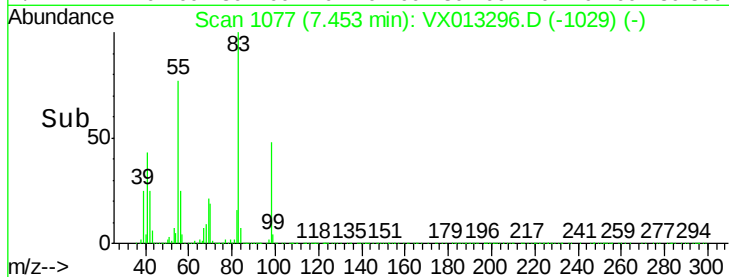
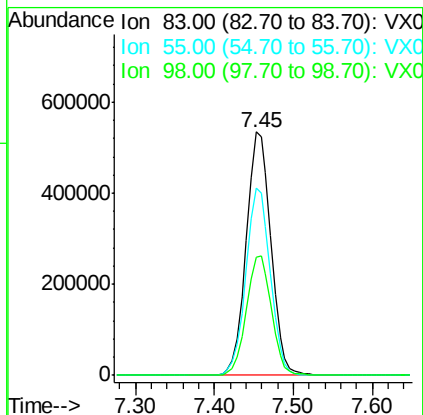
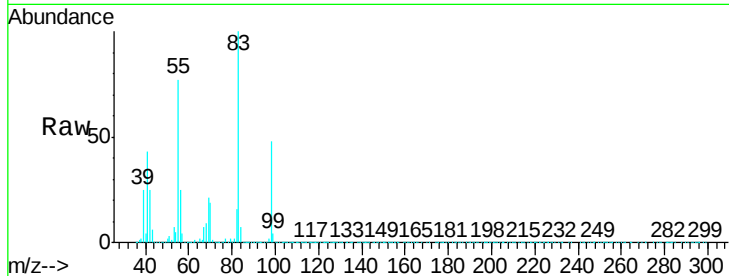
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	1165708
Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.3	90.5
98	48.3	40.3	60.5

Manual Integrations
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#40

Benzene

Concen: 105.753 ug/l

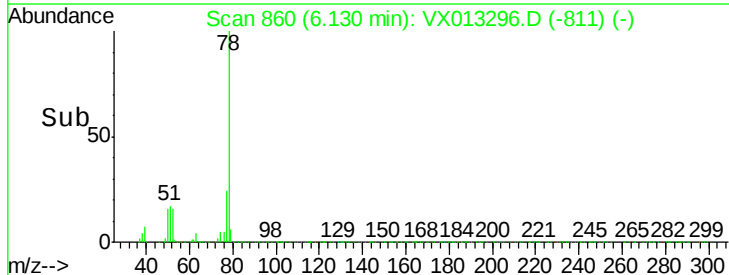
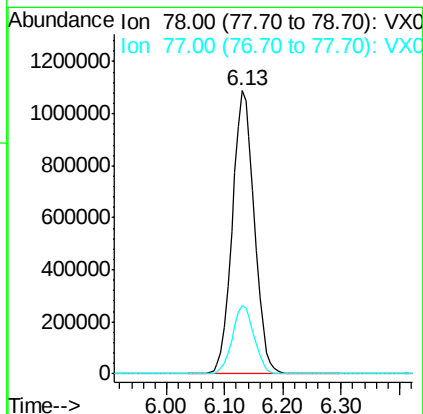
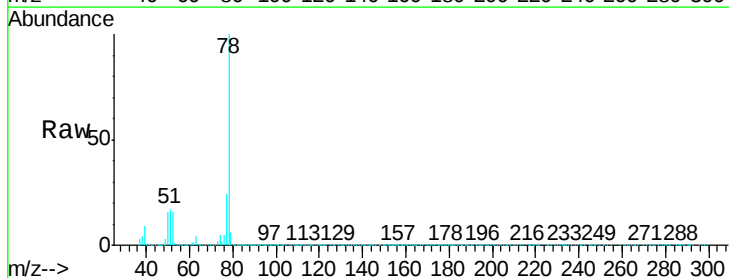
RT: 6.13 min Scan# 860

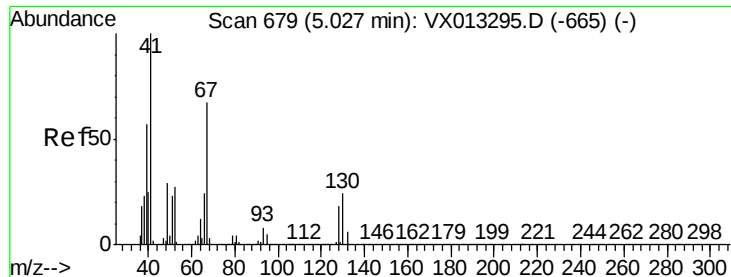
Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:	78	Resp:	2849357
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3





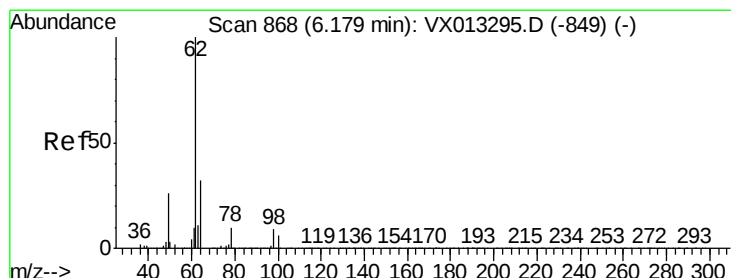
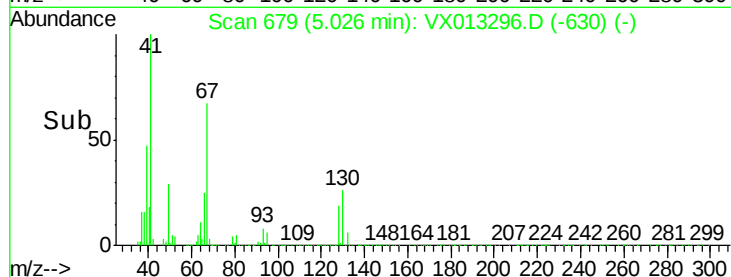
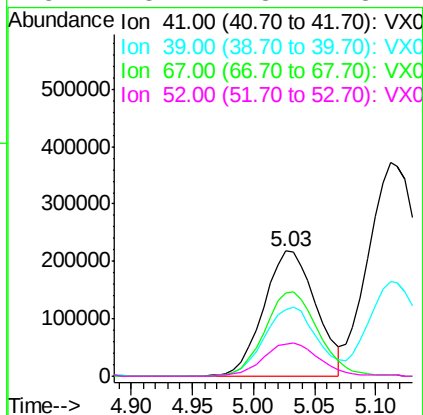
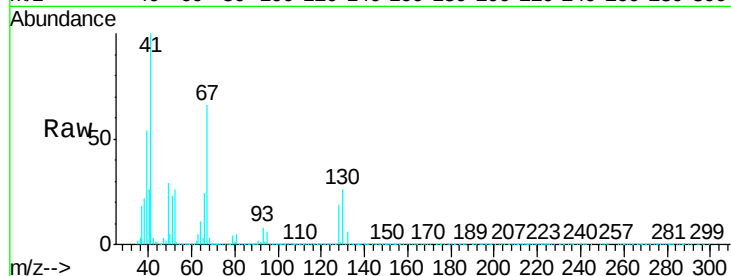
#41
Methacrylonitrile
Concen: 122.413 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.0	67.6
67	68.5	55.4	83.2
52	28.7	23.1	34.7

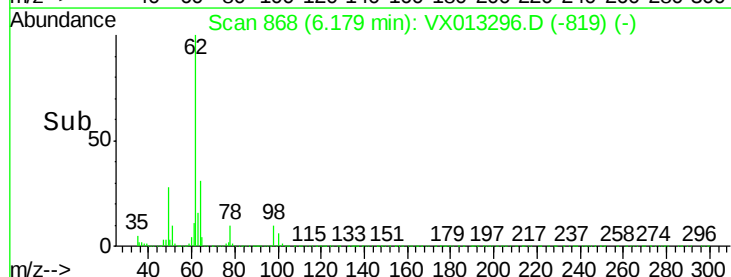
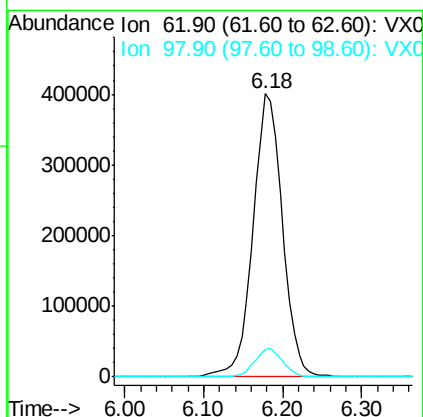
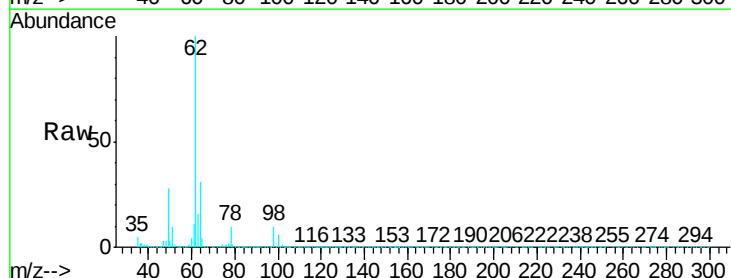
Manual Integrations
APPROVED

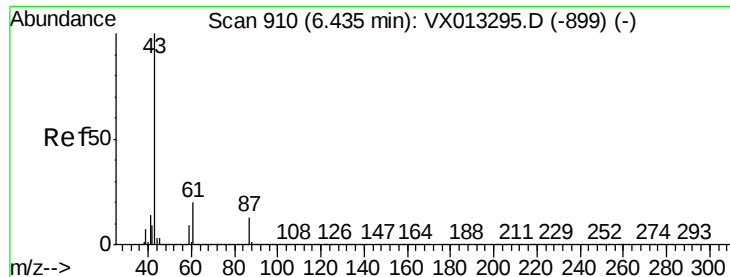
MMDadoda
11/4/2019 3:41:14 PM



#42
1,2-Dichloroethane
Concen: 108.933 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4





#43

Isopropyl Acetate

Concen: 122.249 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

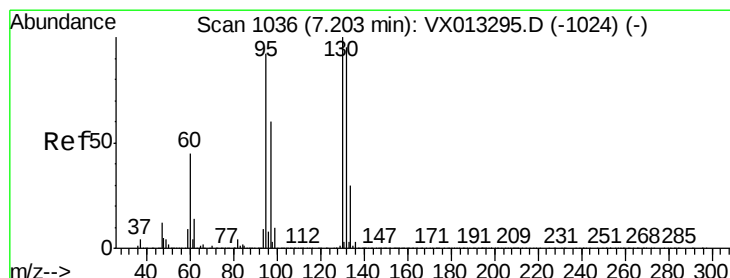
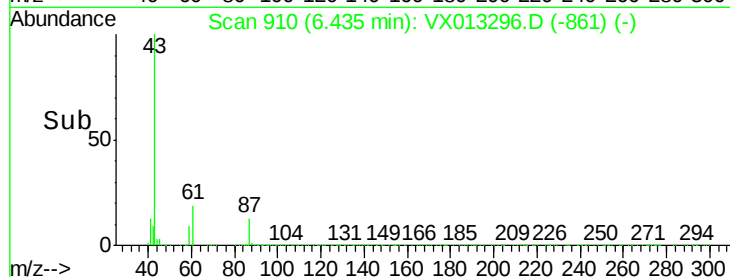
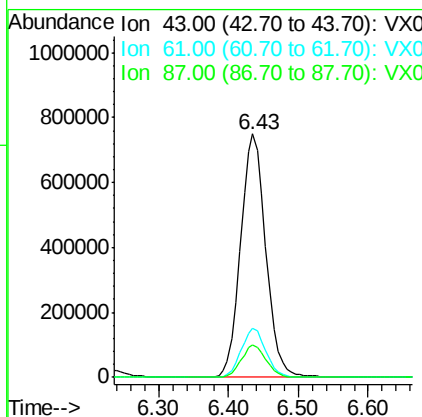
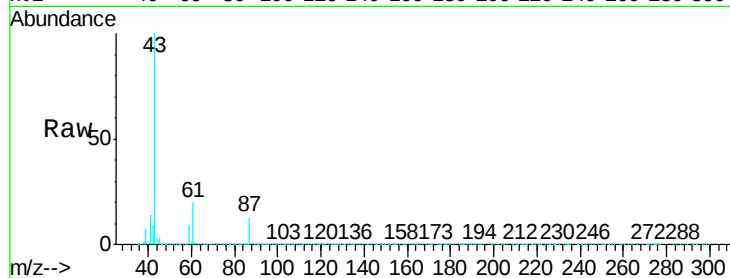
ClientSampleId :

VSTDICC100

Tgt Ion:	43	Resp:	1865100
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.8	23.8
87	13.2	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 98.701 ug/l

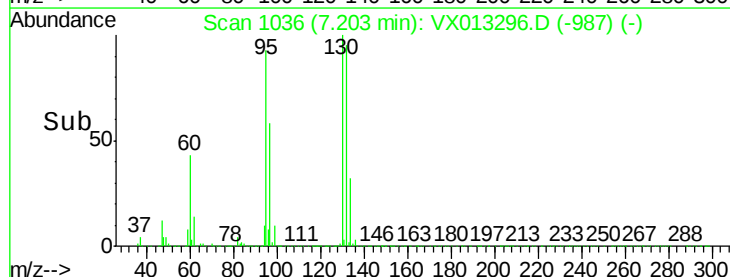
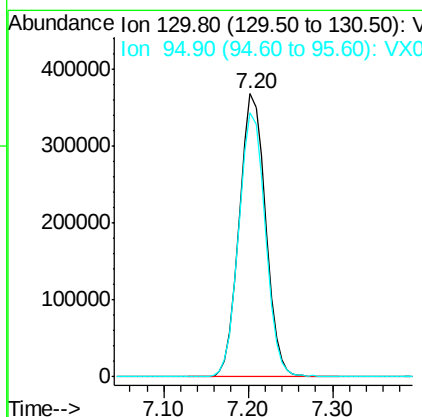
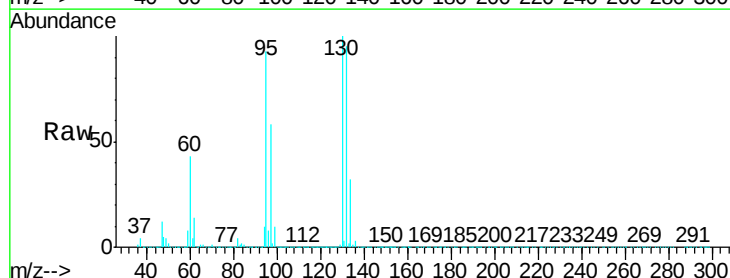
RT: 7.20 min Scan# 1036

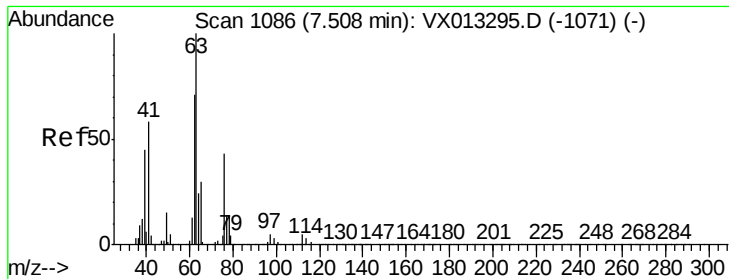
Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:	130	Resp:	776784
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	184.8





#45

1,2-Dichloropropane

Concen: 107.004 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 736682

Ion Ratio Lower Upper

63 100

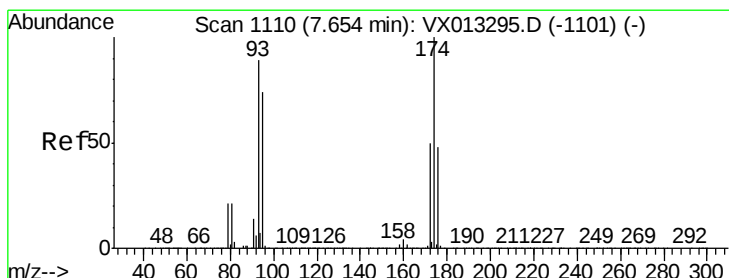
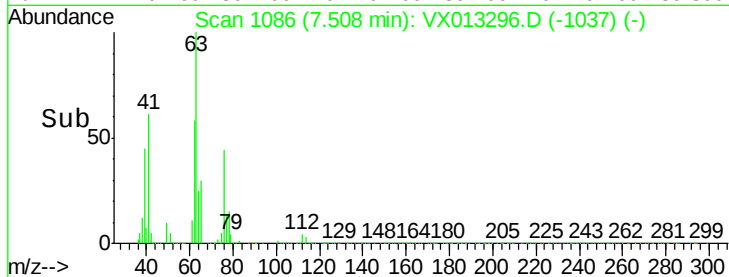
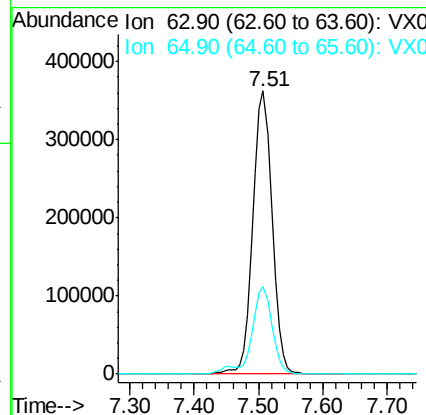
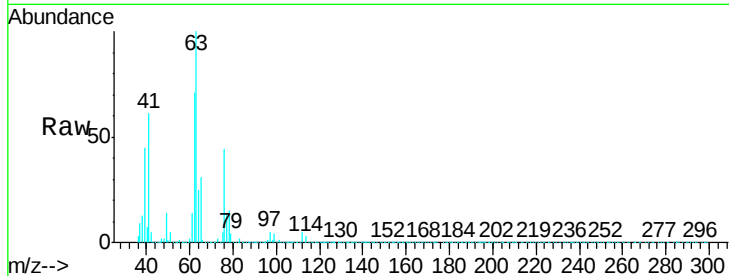
65 31.0 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 102.431 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

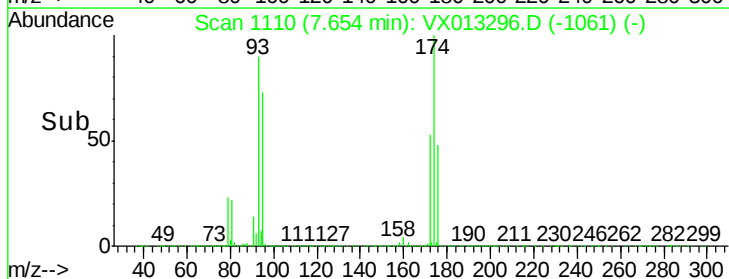
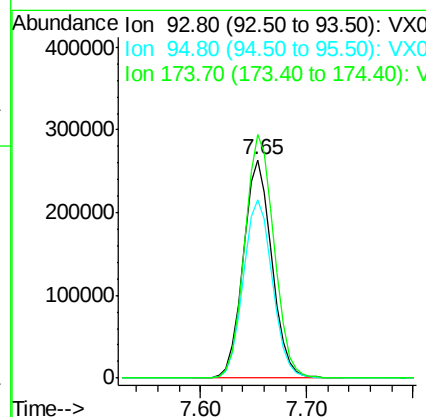
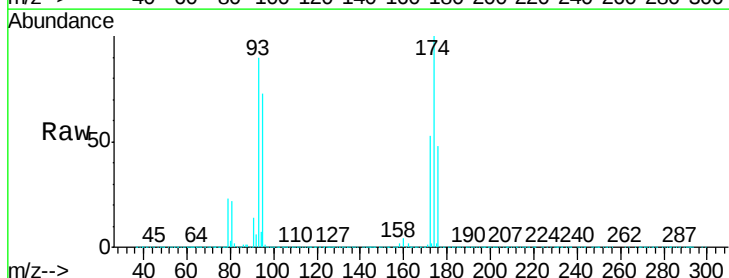
Tgt Ion: 93 Resp: 498255

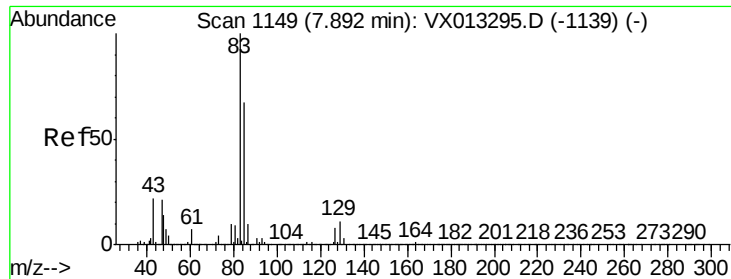
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 114.7 90.4 135.6





#47

Bromodichloromethane

Concen: 113.784 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

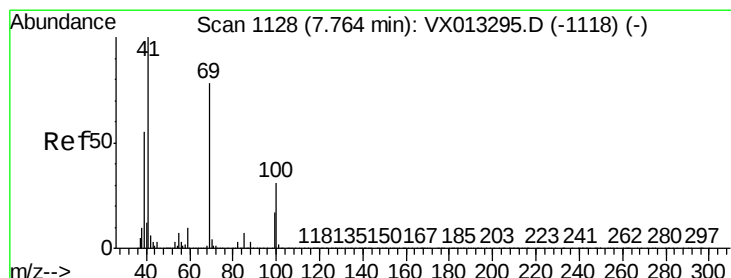
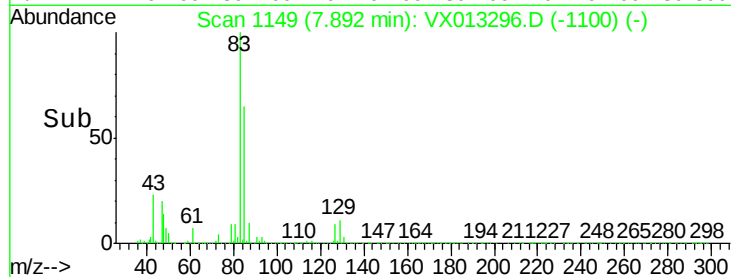
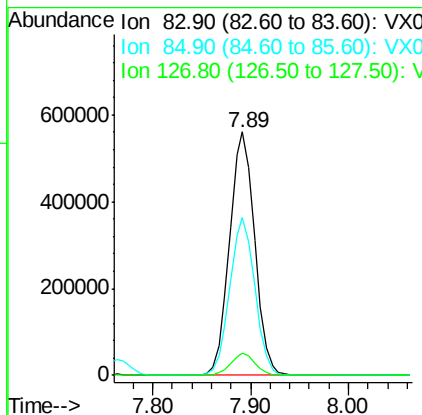
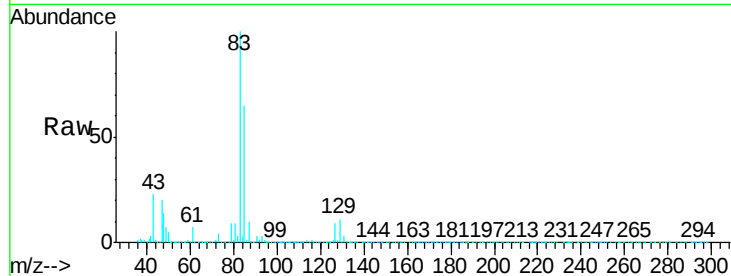
ClientSampleId :

VSTDIC100

Tgt Ion	83	Resp	997879
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	53.7	80.5
127	9.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 126.623 ug/l

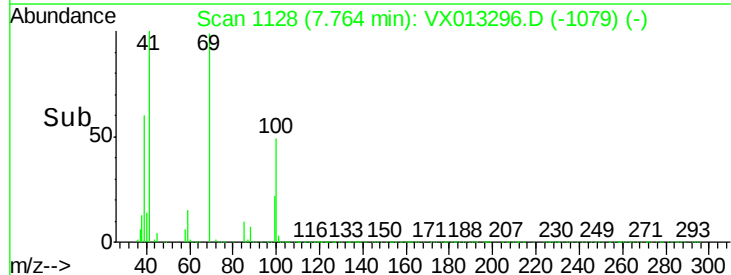
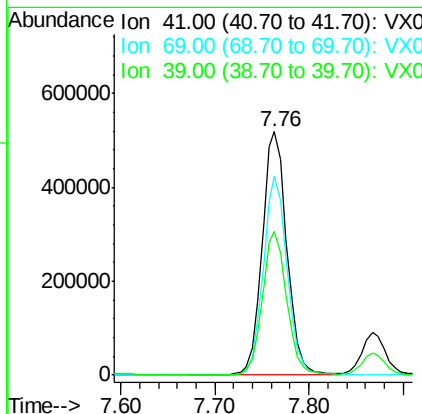
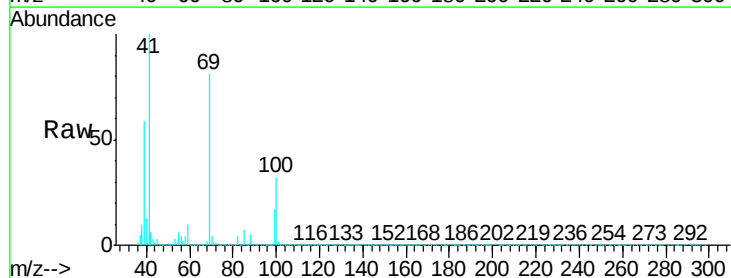
RT: 7.76 min Scan# 1128

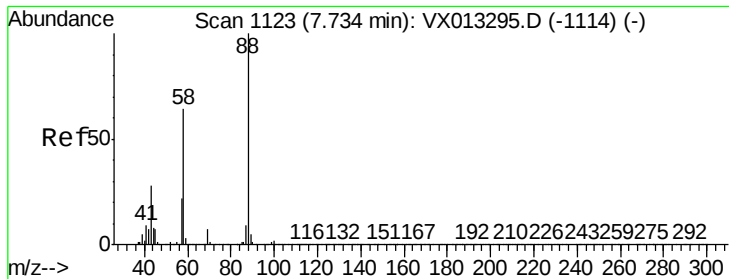
Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion	41	Resp	952168
Ion Ratio	100	Lower	Upper
41	100		
69	80.1	63.0	94.6
39	58.3	45.9	68.9





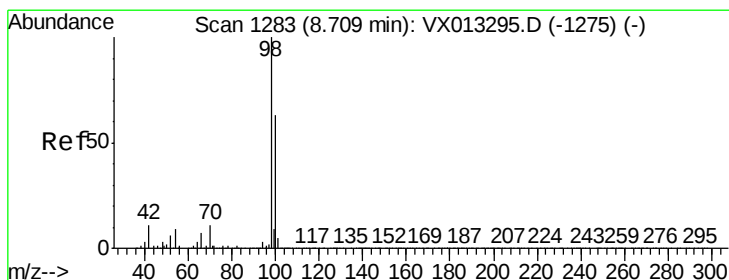
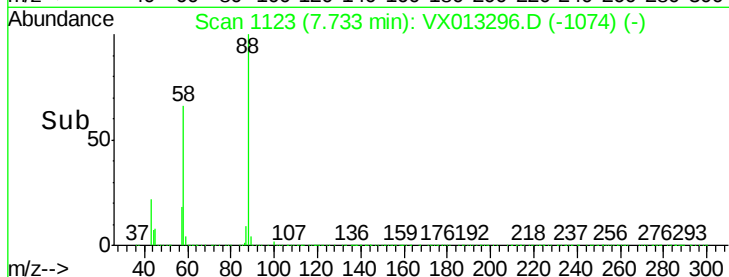
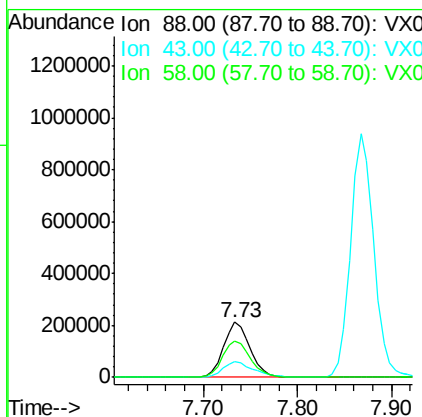
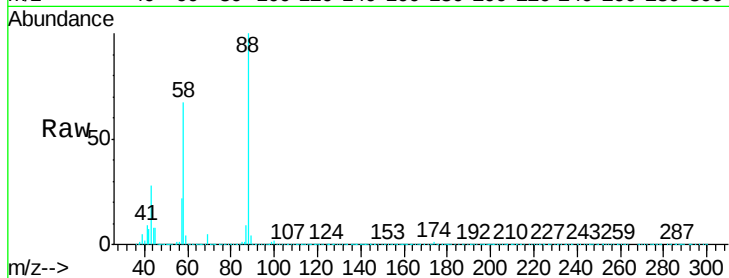
#49
1,4-Dioxane
Concen: 2034.346 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.6	39.8
58	69.8	55.0	82.6

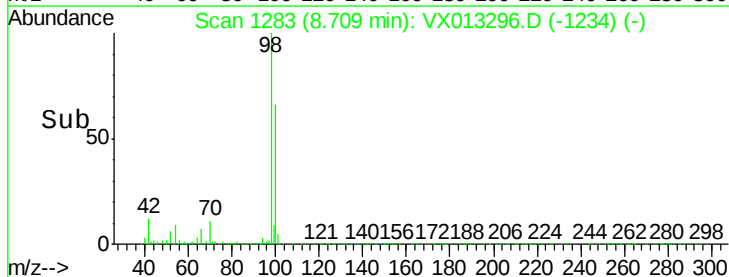
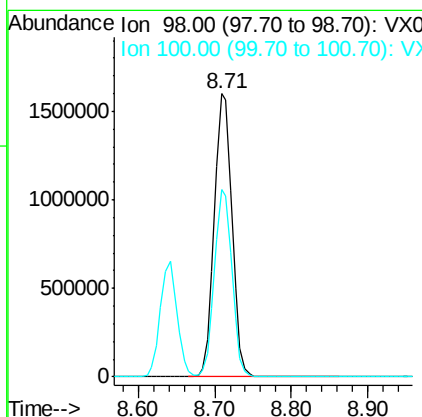
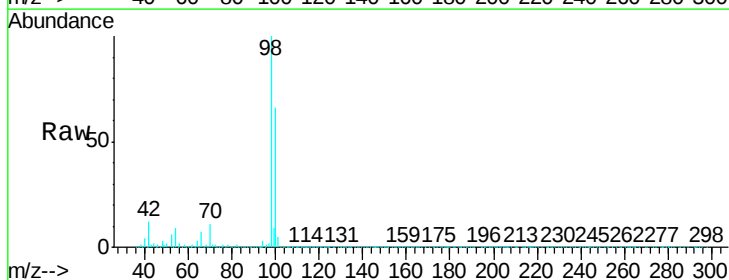
Manual Integrations
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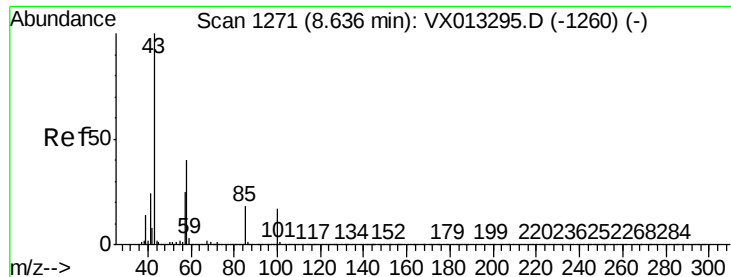
MMDadoda
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#50
Toluene-d8
Concen: 102.229 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





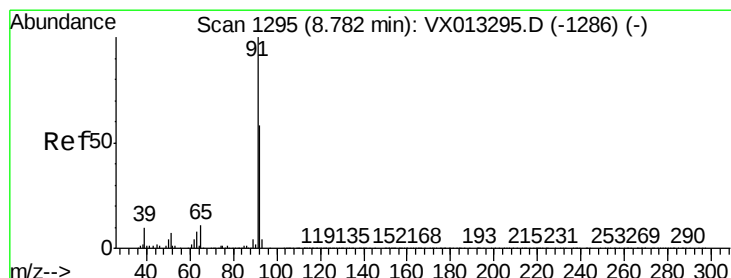
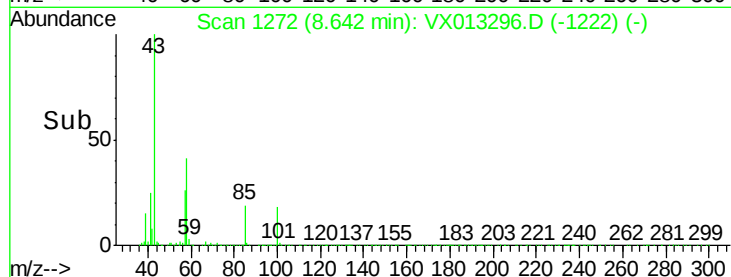
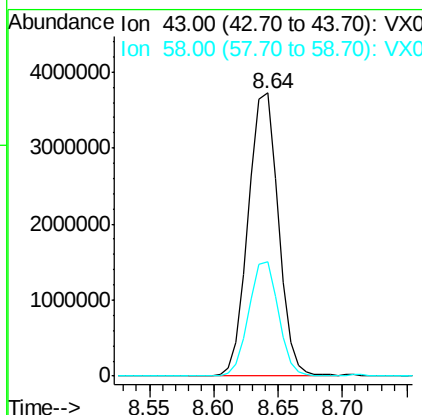
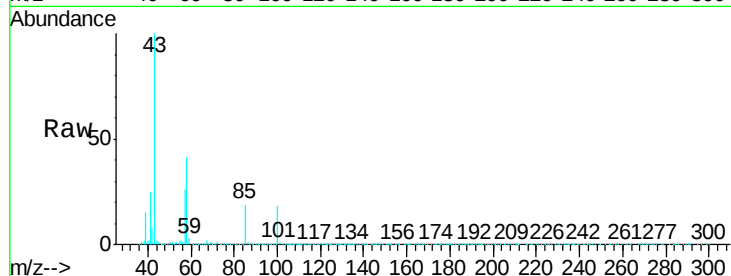
#51
4-Methyl-2-Pentanone
Concen: 608.183 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 6017144
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.0

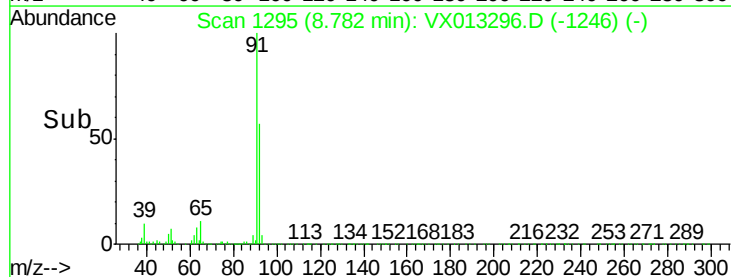
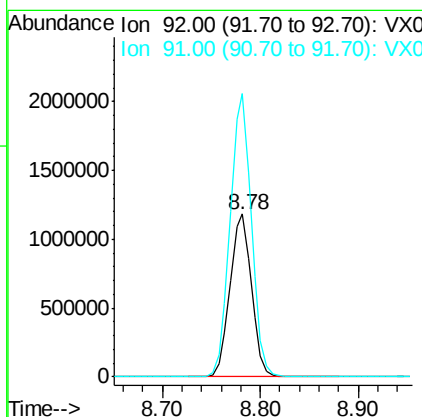
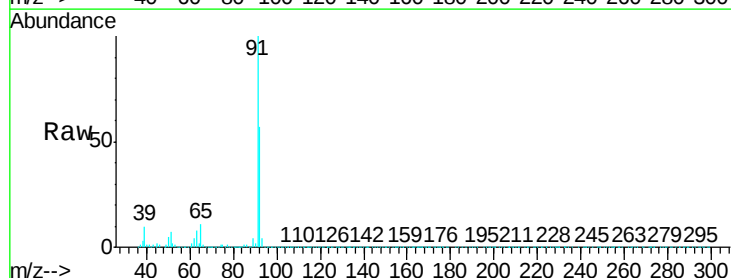
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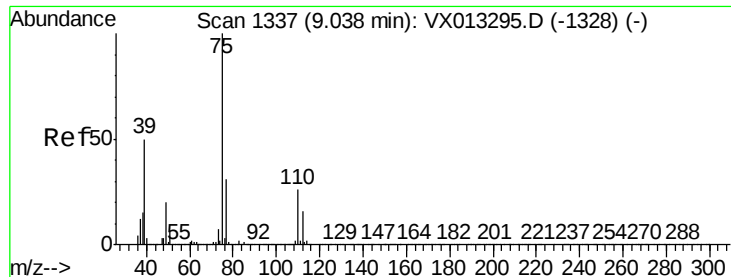
MMDadoda
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#52
Toluene
Concen: 102.351 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 92 Resp: 1797275
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0





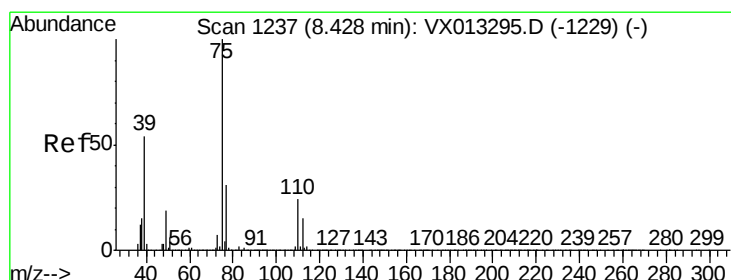
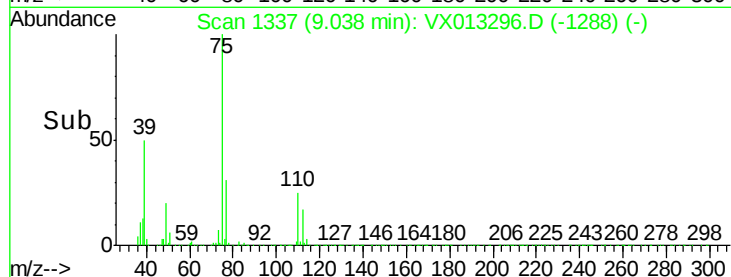
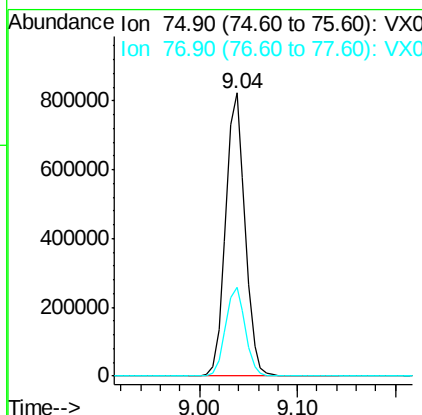
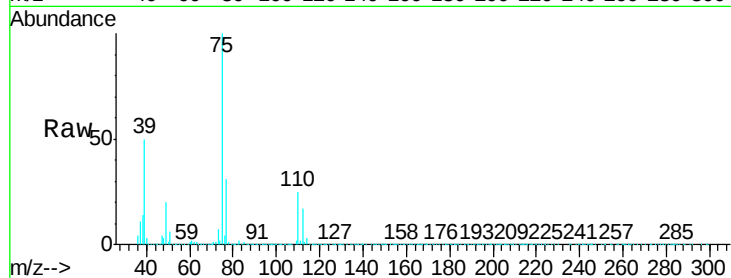
#53
t-1,3-Dichloropropene
Concen: 119.458 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 1130251
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

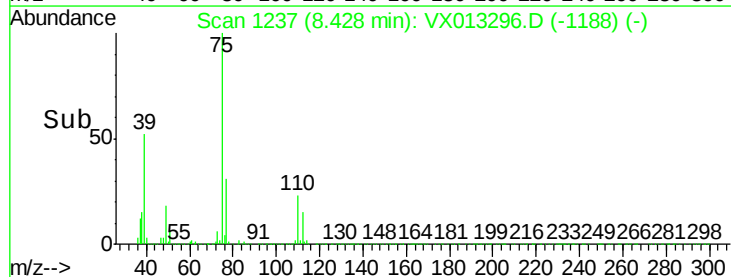
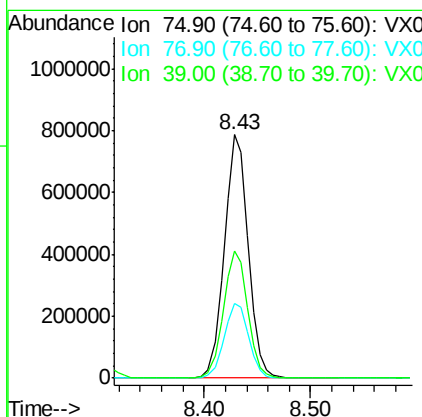
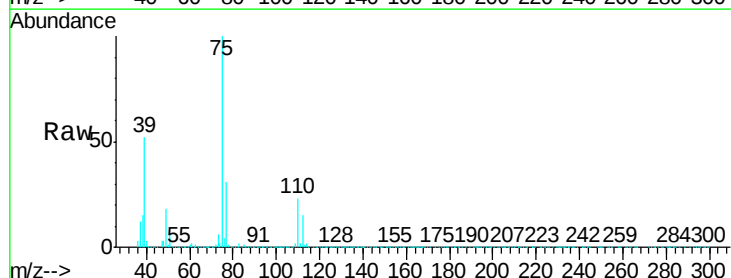
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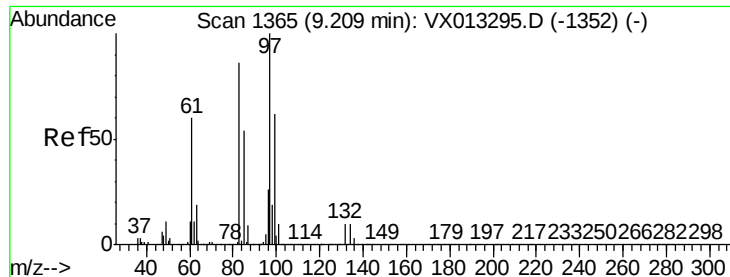
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11/4/2019 3:41:14 PM



#54
cis-1,3-Dichloropropene
Concen: 117.027 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 75 Resp: 1227023
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 51.9 43.0 64.6





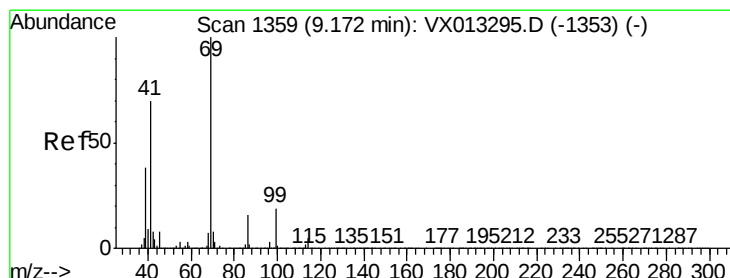
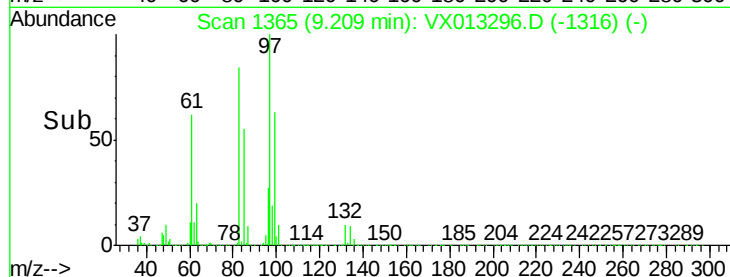
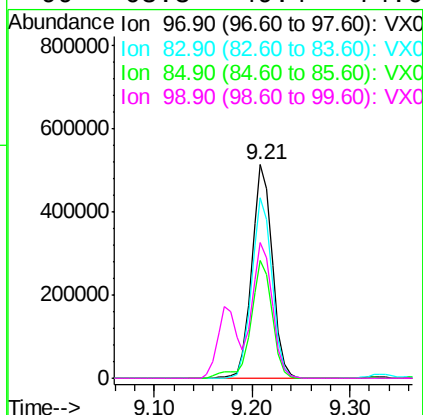
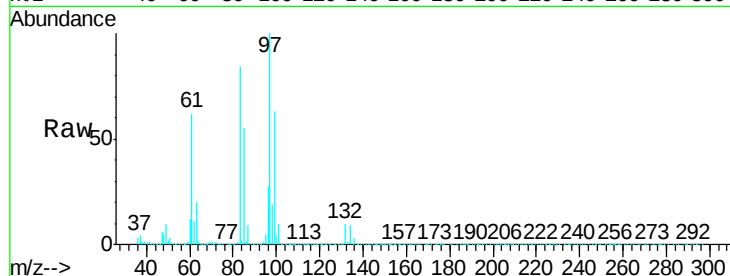
#55
 1,1,2-Trichloroethane
 Concen: 102.447 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.6	103.0
85	55.3	43.1	64.7
99	63.3	49.4	74.0

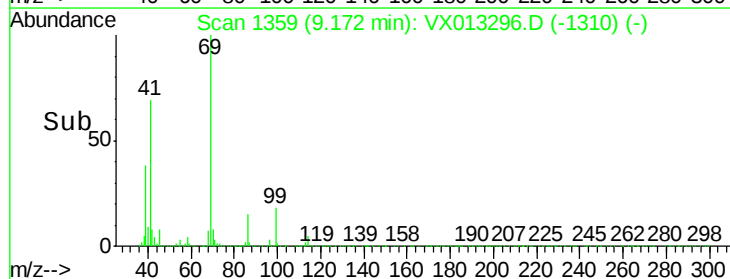
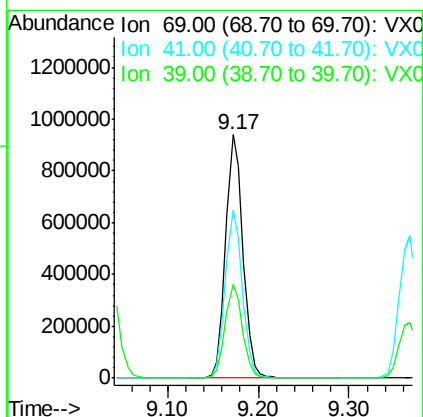
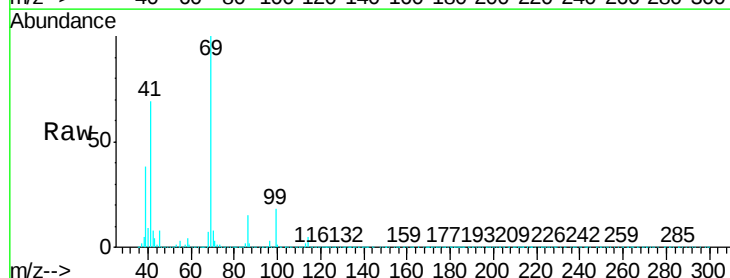
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#56
 Ethyl methacrylate
 Concen: 116.856 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.2	84.2
39	38.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 107.455 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 1249780

Ion Ratio Lower Upper

76 100

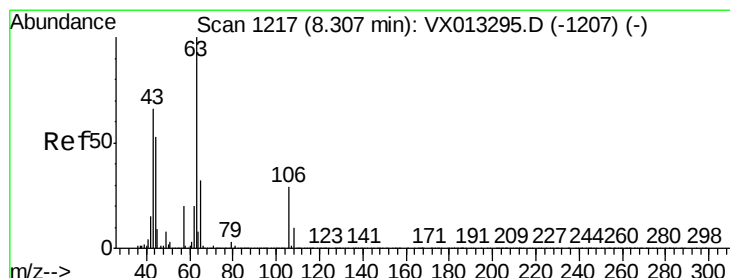
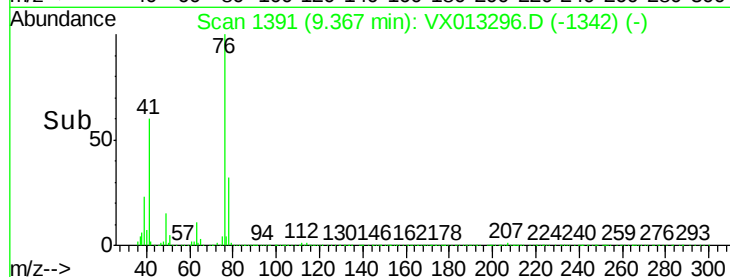
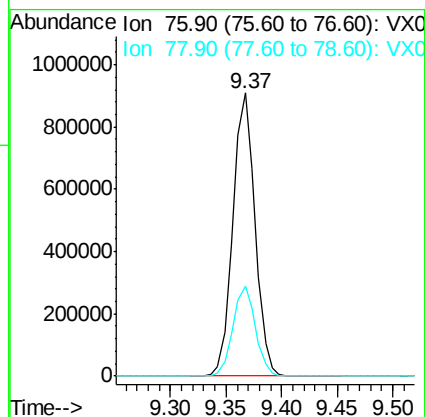
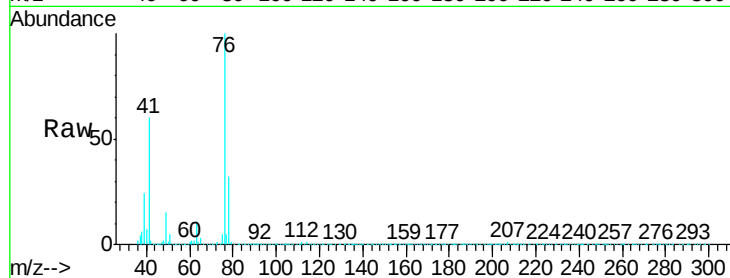
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 537.276 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013296.D

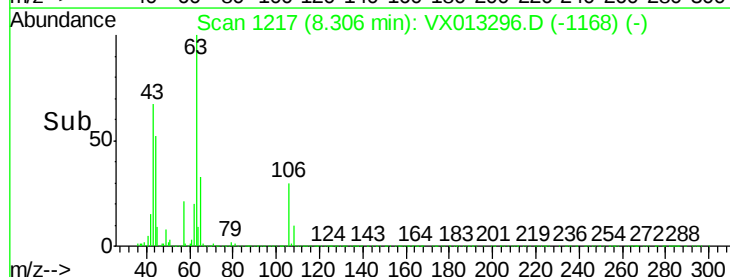
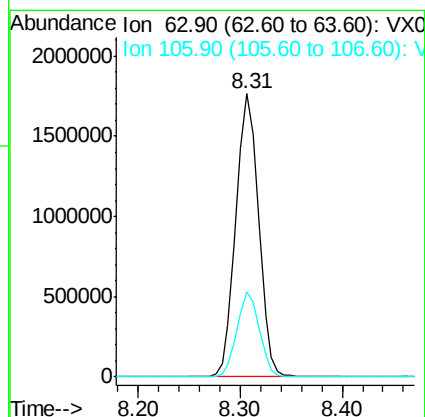
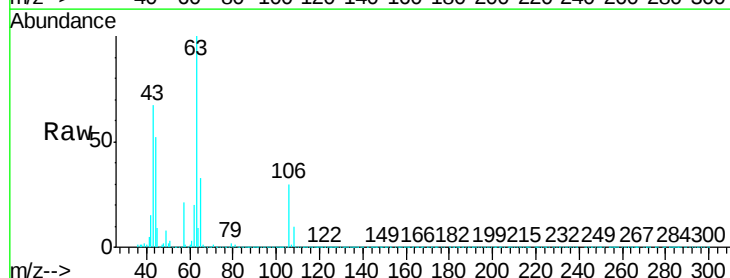
Acq: 31 Oct 2019 17:52

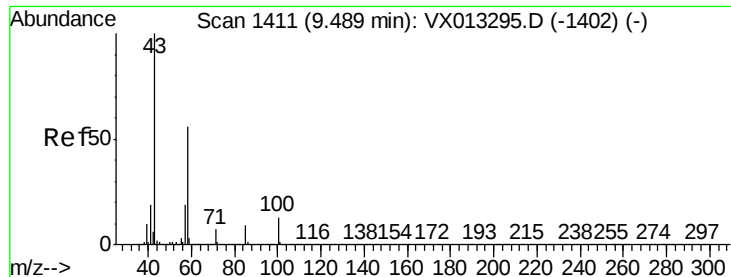
Tgt Ion: 63 Resp: 2716770

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.2





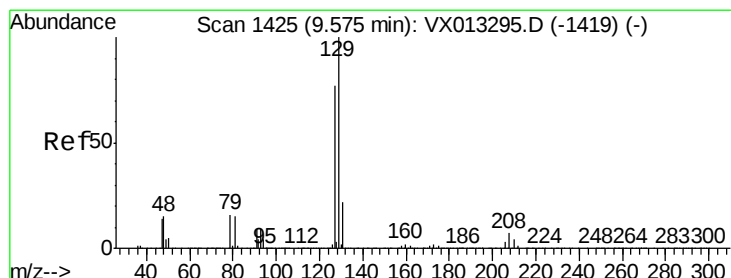
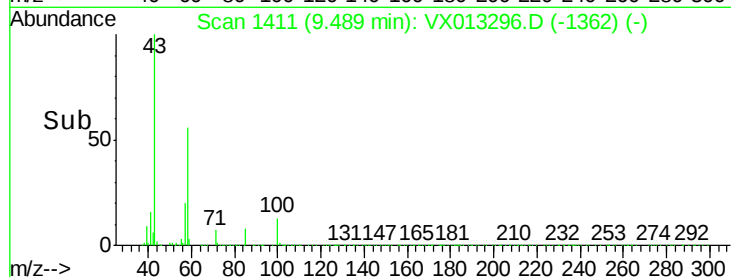
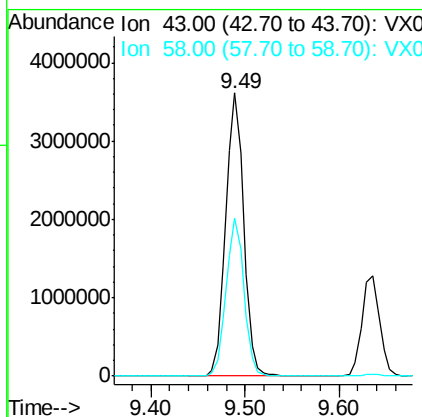
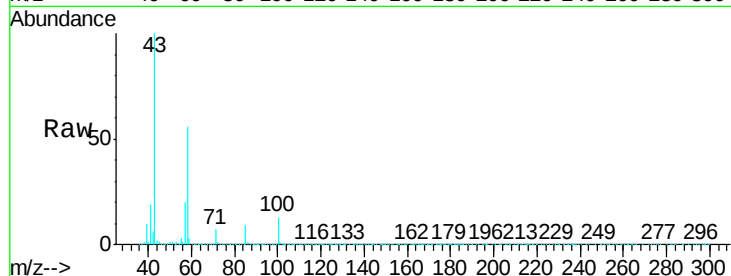
#59
2-Hexanone
Concen: 626.296 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 4795656
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8

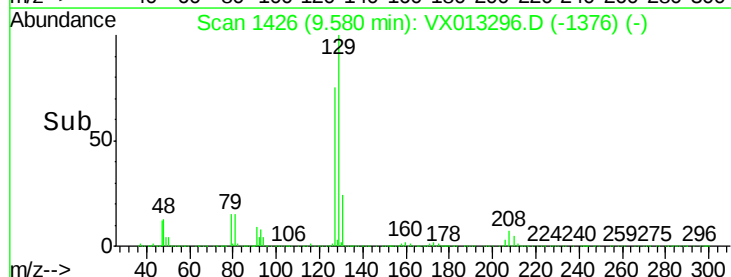
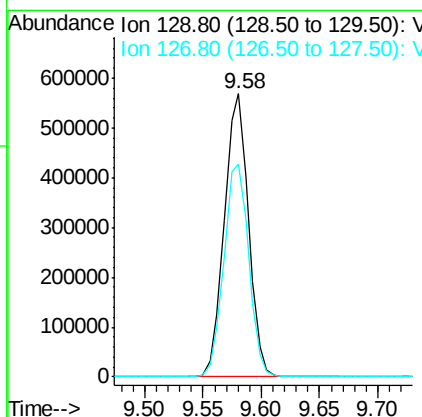
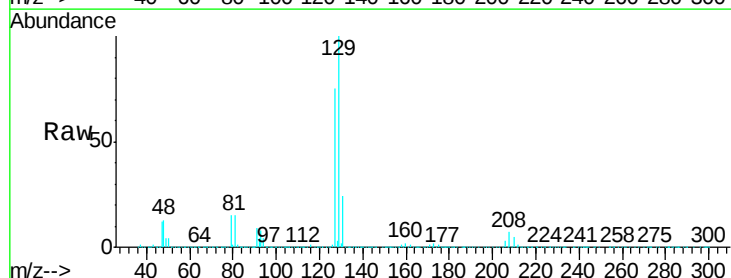
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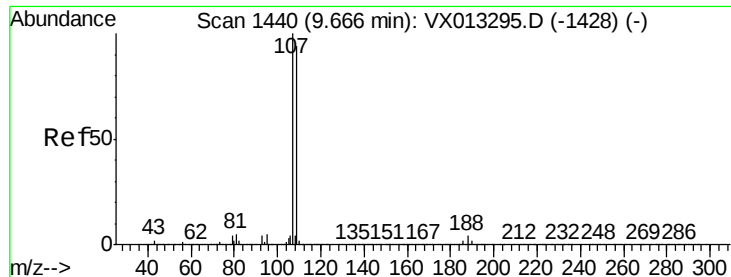
MMDadoda
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#60
Dibromochloromethane
Concen: 111.998 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 129 Resp: 818973
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 103.736 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 107 Resp: 796139

Ion Ratio Lower Upper

107 100

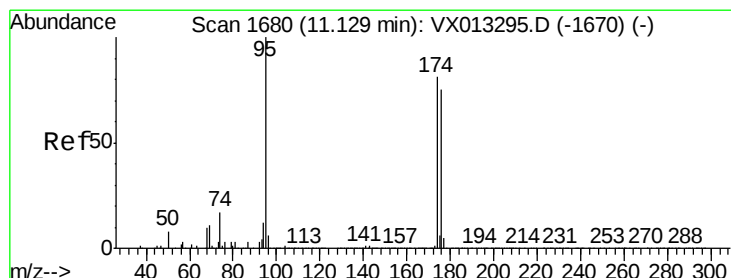
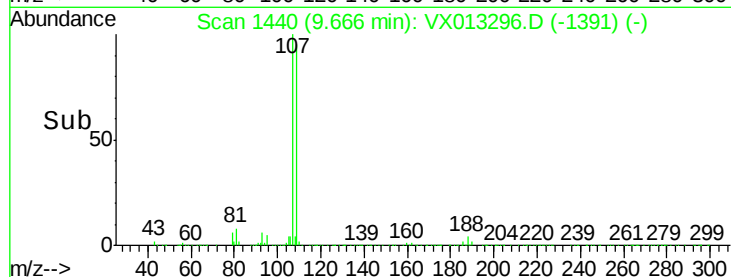
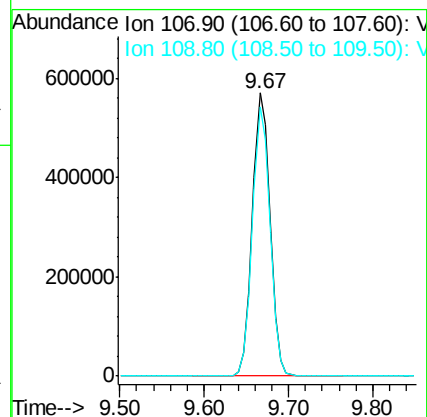
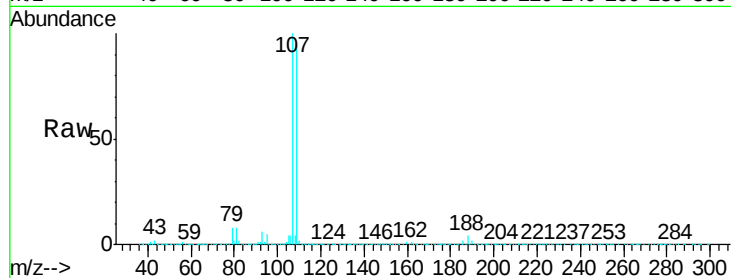
109 94.8 75.1 112.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 104.073 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

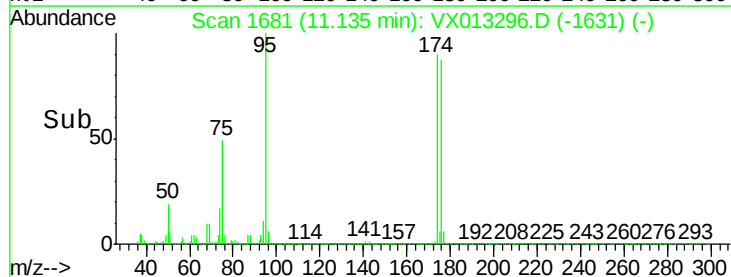
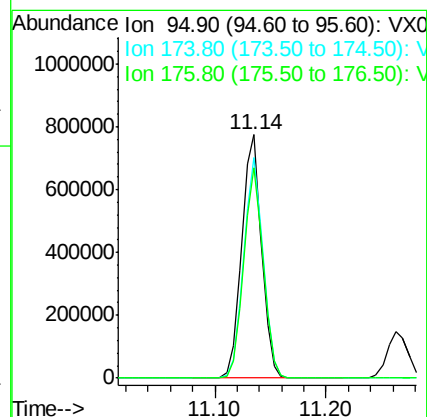
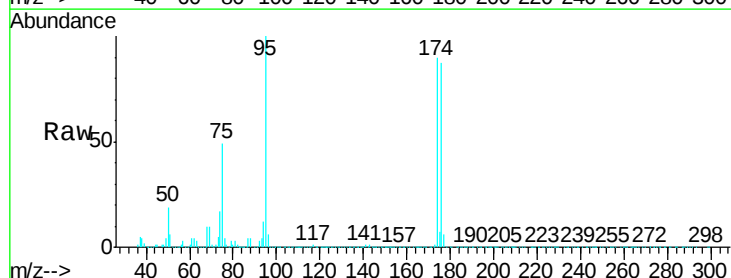
Tgt Ion: 95 Resp: 952287

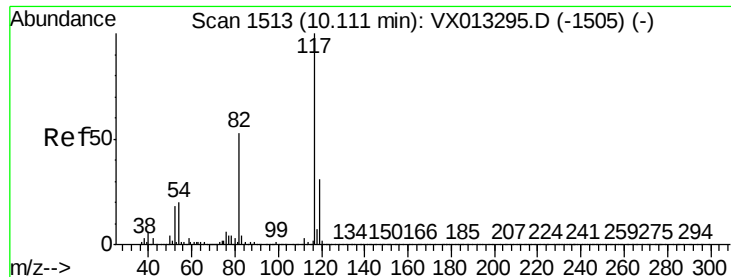
Ion Ratio Lower Upper

95 100

174 88.8 0.0 179.8

176 85.2 0.0 173.0





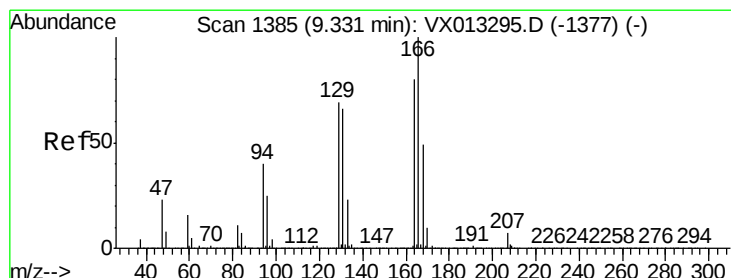
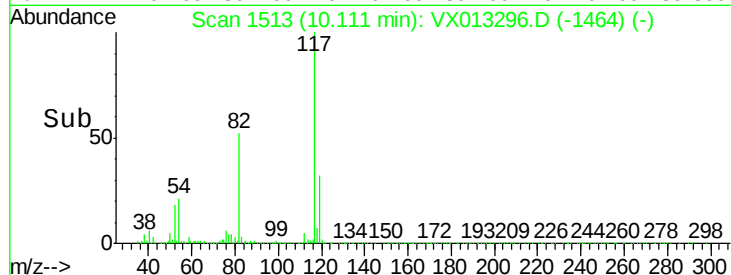
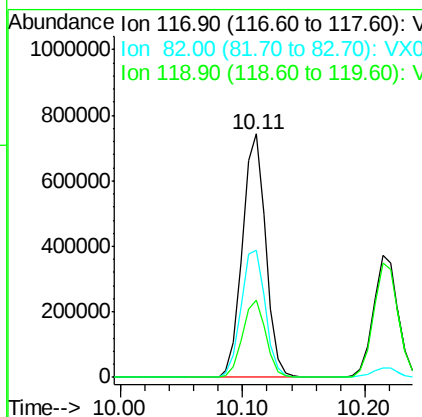
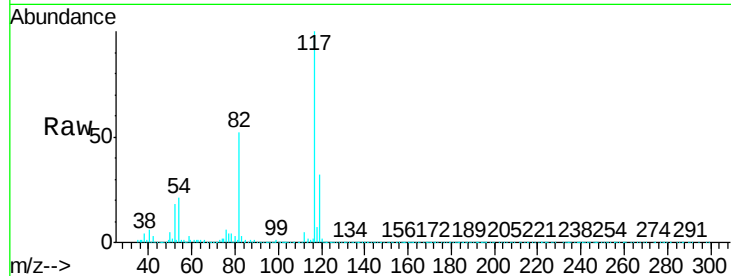
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	975594		
82	52.3	42.6	64.0	
119	31.7	24.8	37.2	

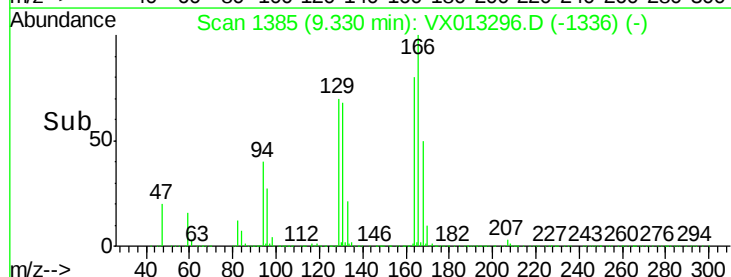
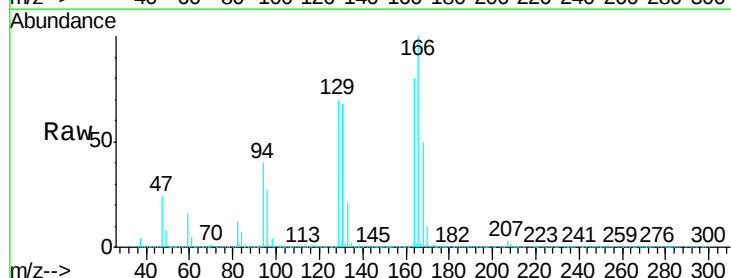
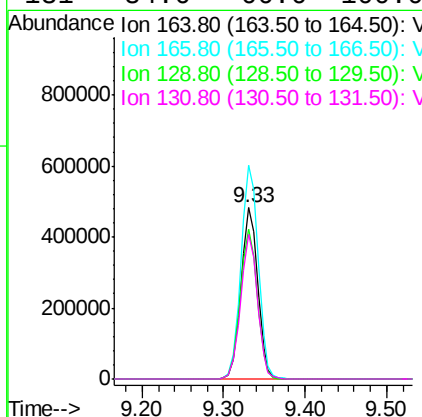
Manual Integrations
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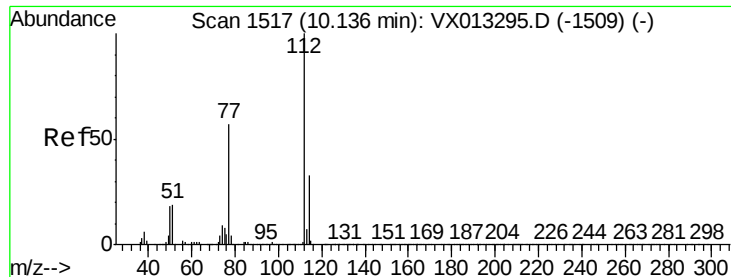
MMDadoda
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#64
Tetrachloroethene
Concen: 89.567 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	680498		
166	124.7	100.4	150.6	
129	87.5	69.4	104.2	
131	84.6	66.6	100.0	





#65

Chlorobenzene

Concen: 98.172 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:112 Resp: 1973238

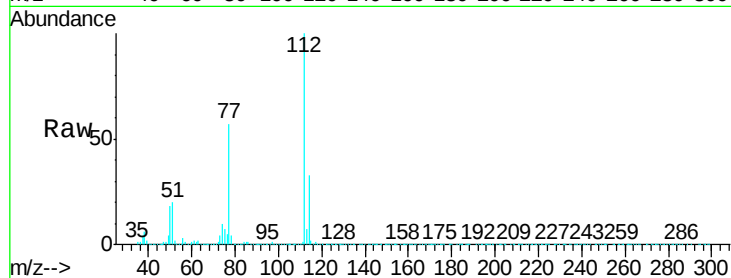
Ion Ratio Lower Upper

112 100

114 32.6 26.4 39.6

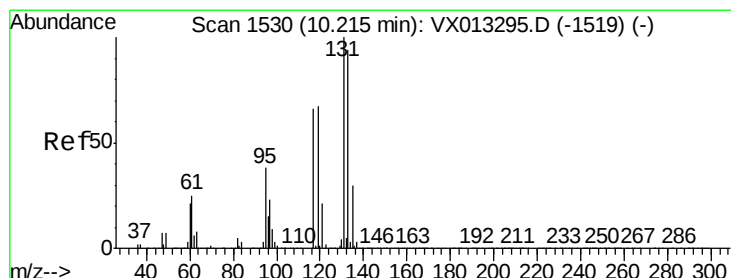
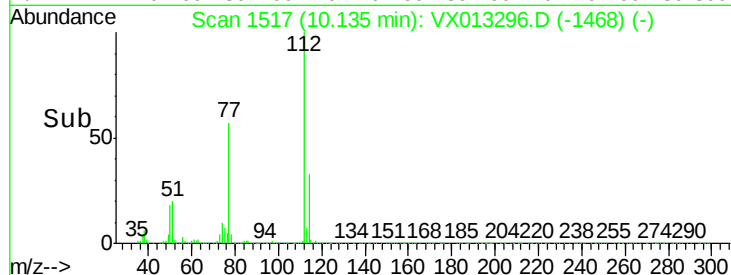
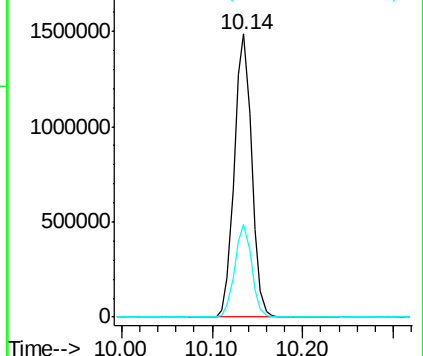
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 106.055 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

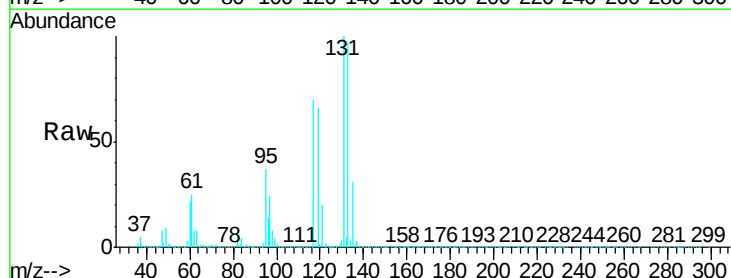
Tgt Ion:131 Resp: 749906

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

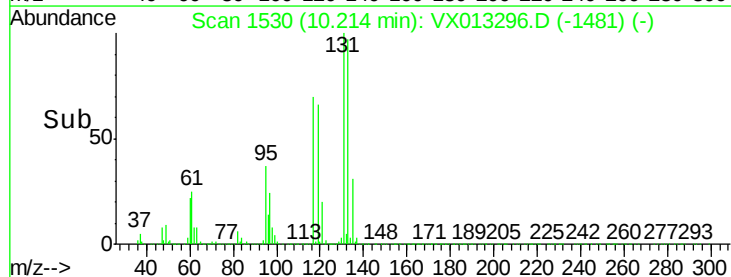
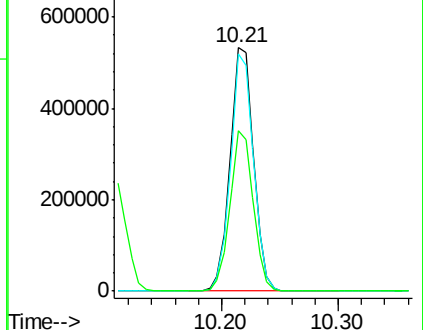
119 64.9 33.0 99.0

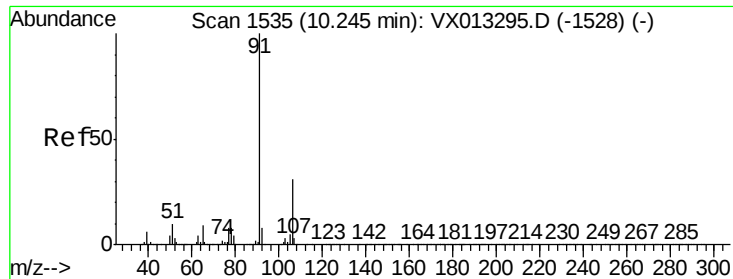


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





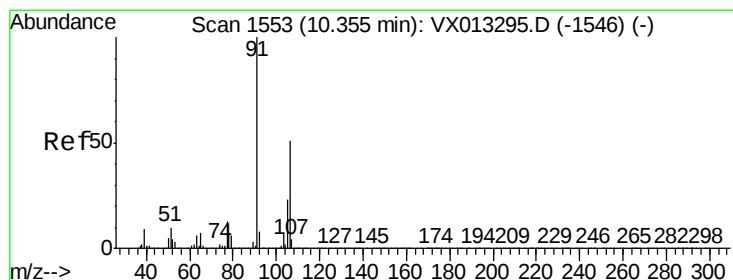
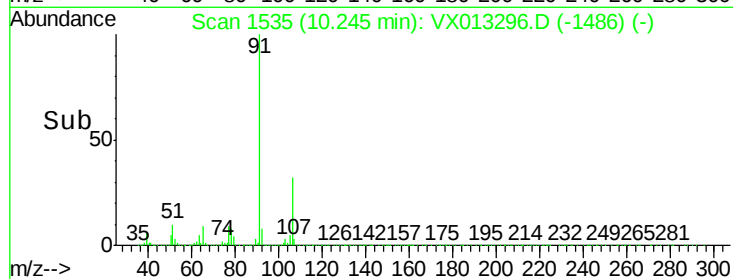
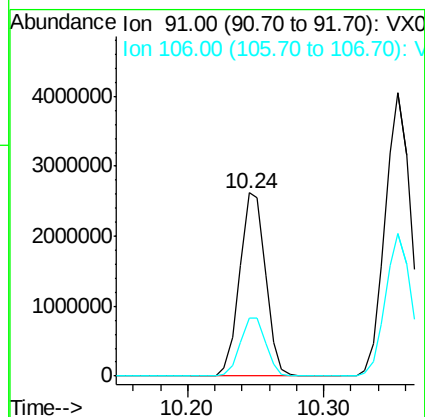
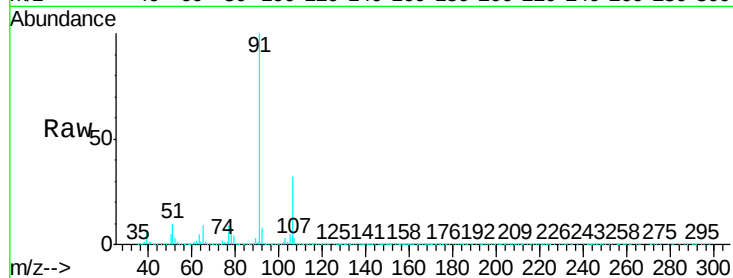
#67
Ethyl Benzene
Concen: 101.379 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 3473632
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

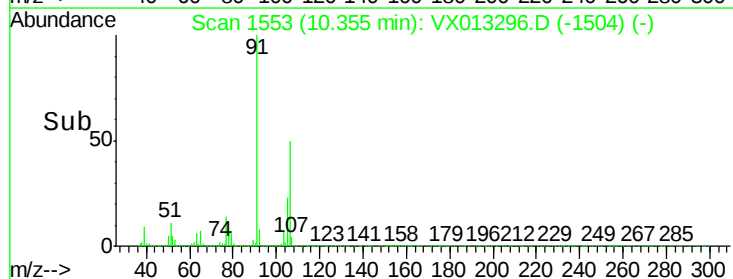
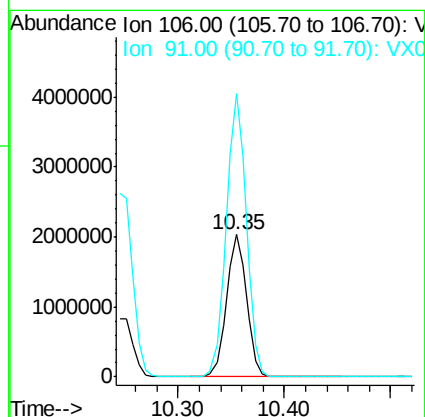
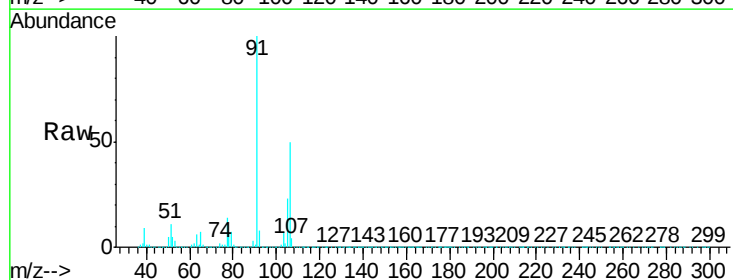
Manual Integrations
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#68
m/p-Xylenes
Concen: 203.053 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 106 Resp: 2668512
Ion Ratio Lower Upper
106 100
91 199.8 159.3 238.9





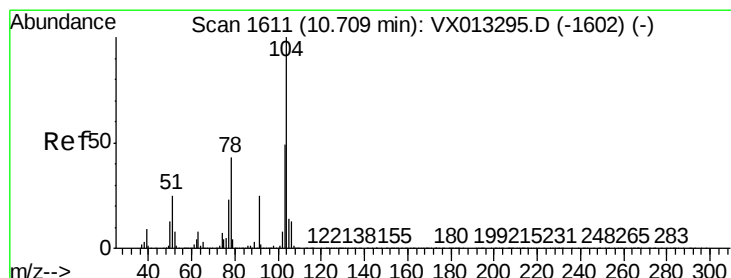
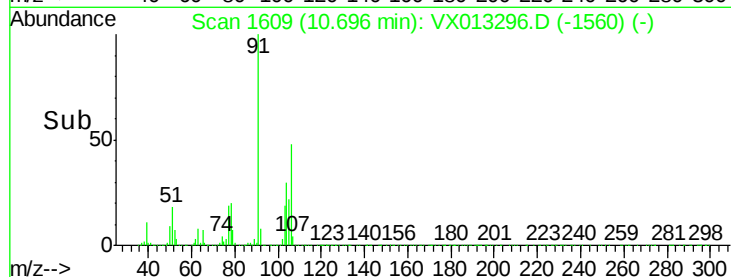
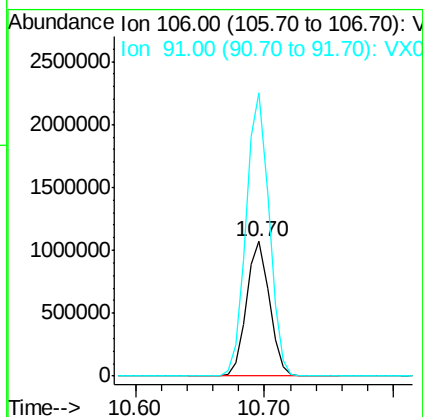
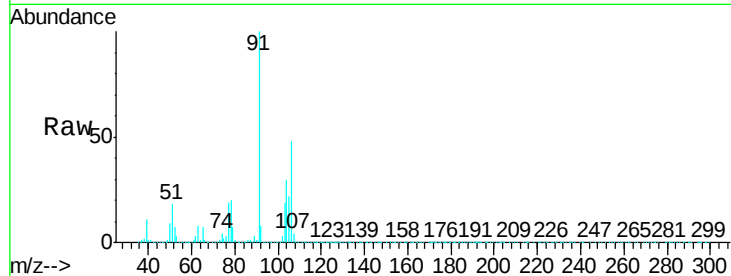
#69
o-Xylene
Concen: 102.255 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 1307116
Ion Ratio Lower Upper
106 100
91 211.0 105.7 317.0

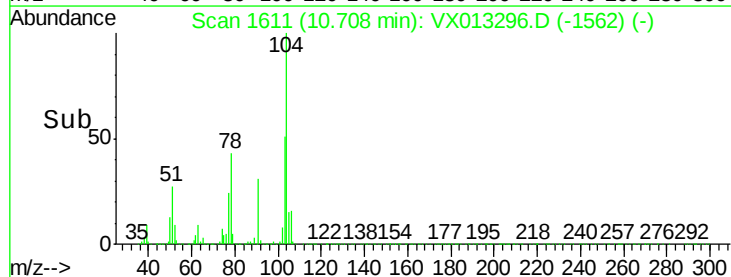
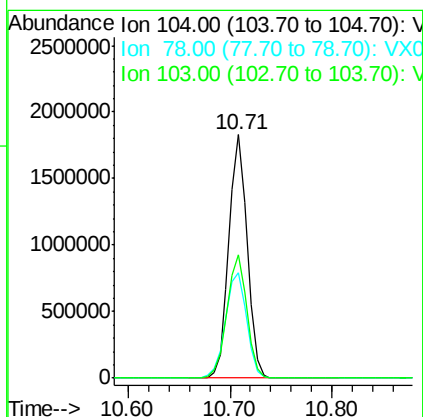
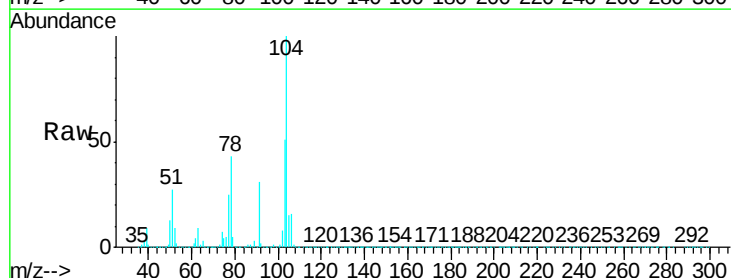
Manual Integrations
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#70
Styrene
Concen: 106.322 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion:104 Resp: 2268817
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 55.0 44.1 66.1





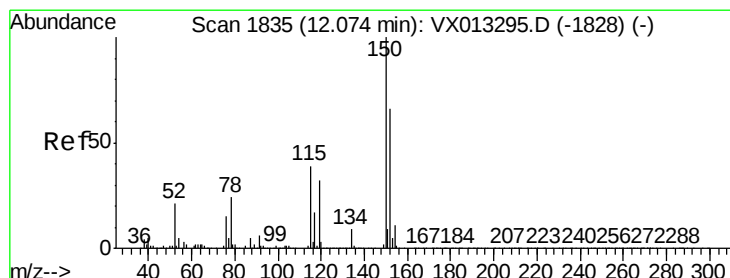
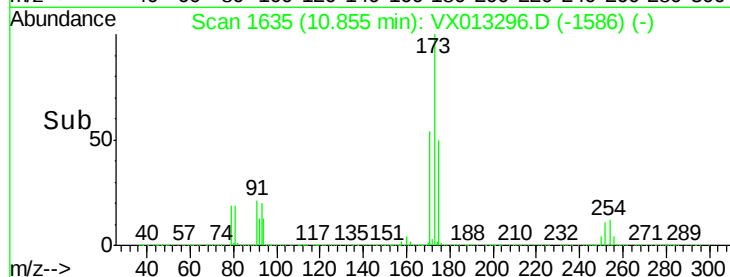
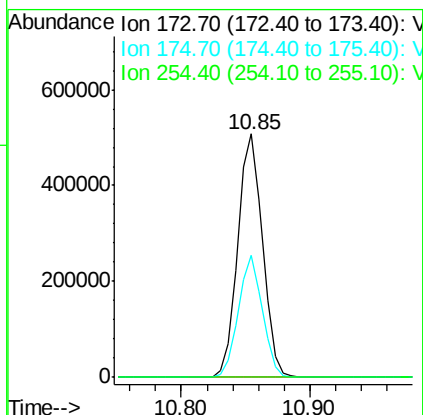
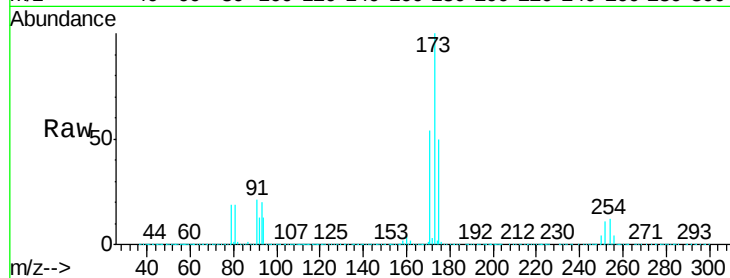
#71
Bromoform
Concen: 118.913 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.8	74.4
254	0.2	0.2	0.2

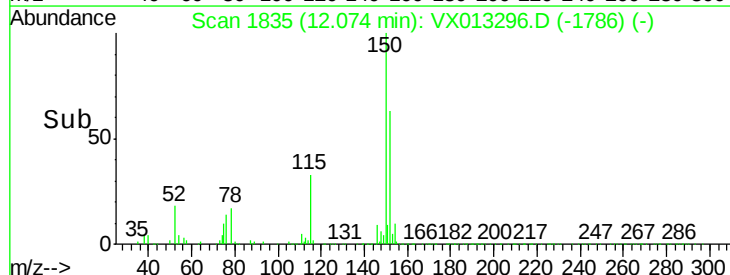
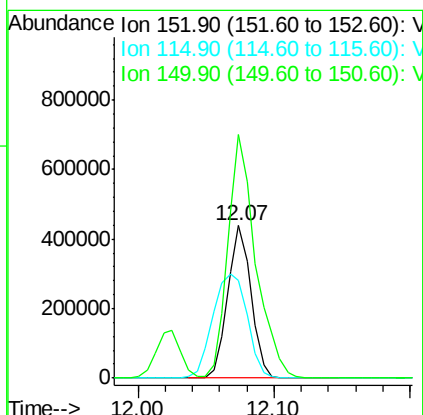
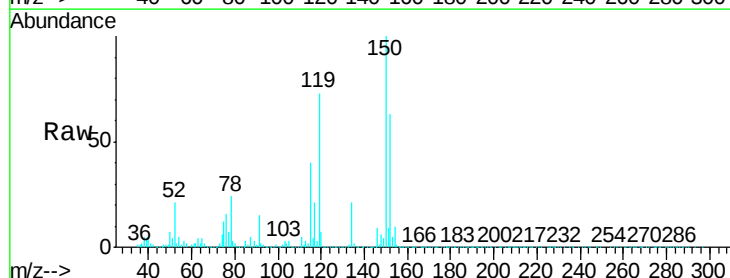
Manual Integrations
APPROVED

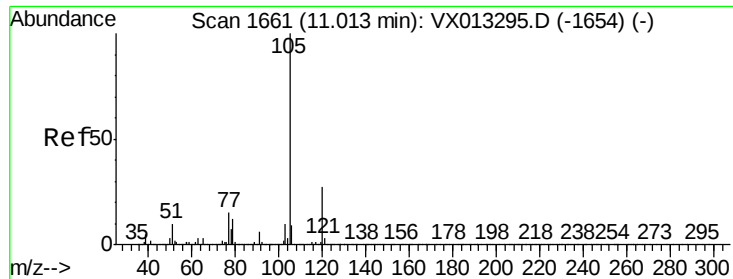
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	100.3	39.5	118.3
150	190.2	0.0	344.4





#73

Isopropylbenzene

Concen: 97.320 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 105 Resp: 3461454

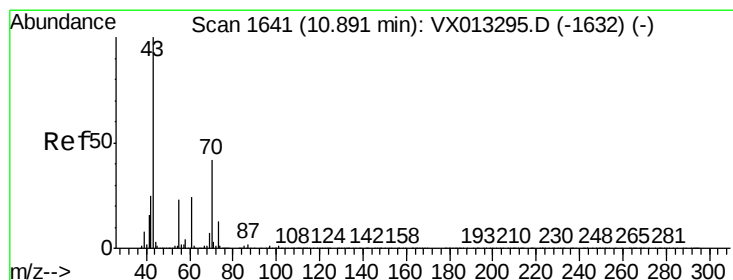
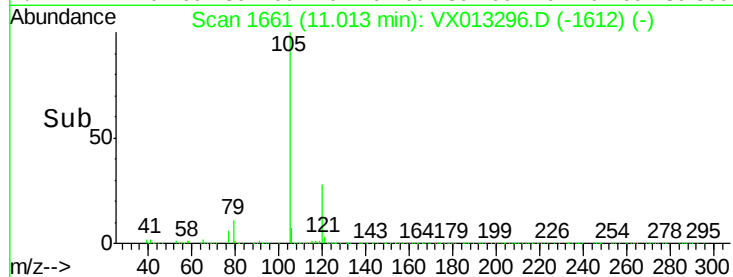
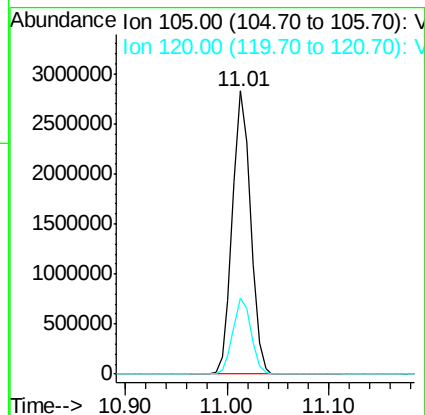
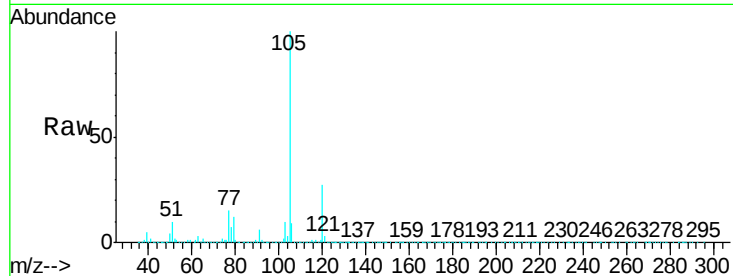
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 124.083 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion: 43 Resp: 1752380

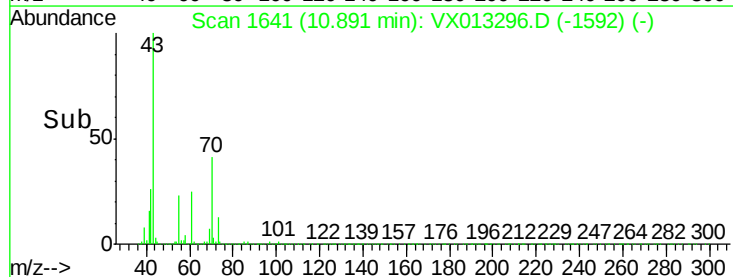
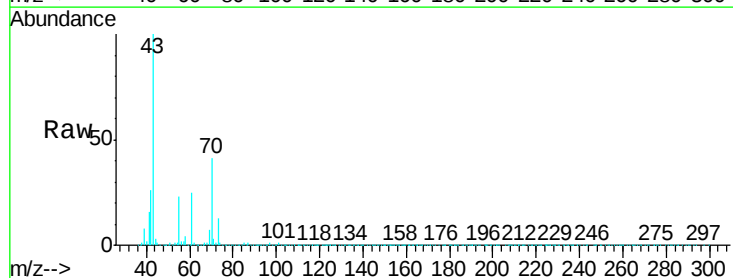
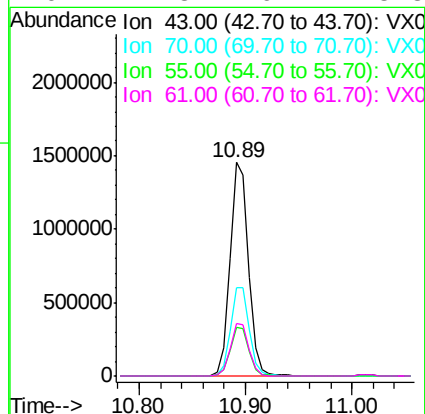
Ion Ratio Lower Upper

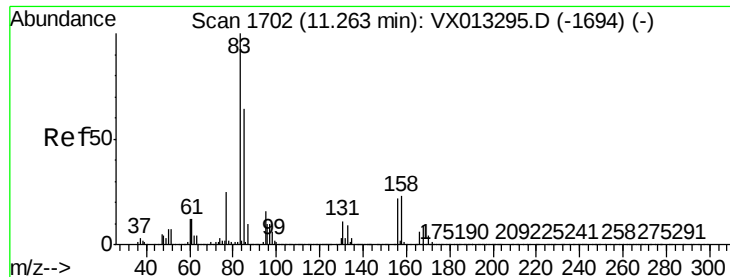
43 100

70 42.5 34.1 51.1

55 23.4 18.9 28.3

61 24.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 107.213 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 83 Resp: 1265268

Ion Ratio Lower Upper

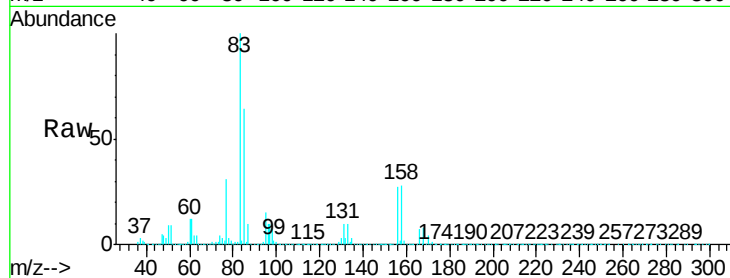
83 100

131 10.2 5.1 15.3

85 63.7 32.3 96.8

Manual Integrations
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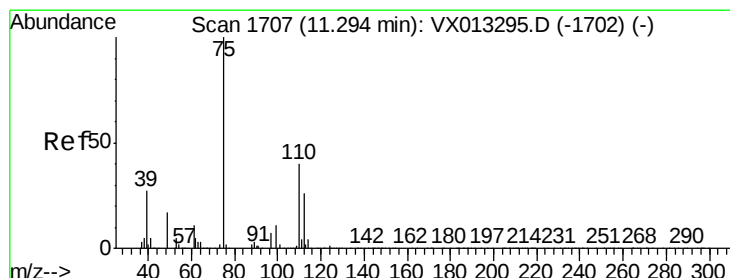
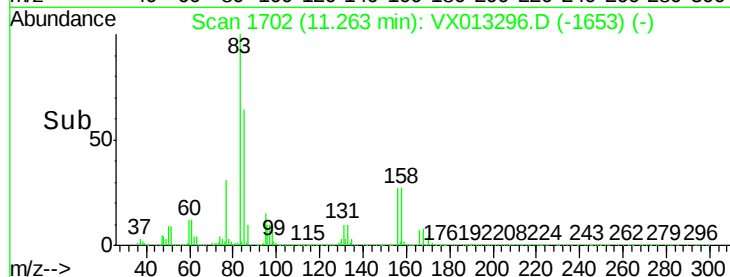
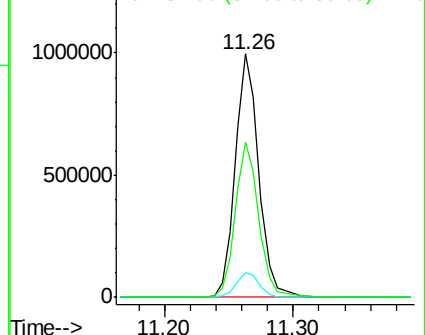
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 118.694 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013296.D

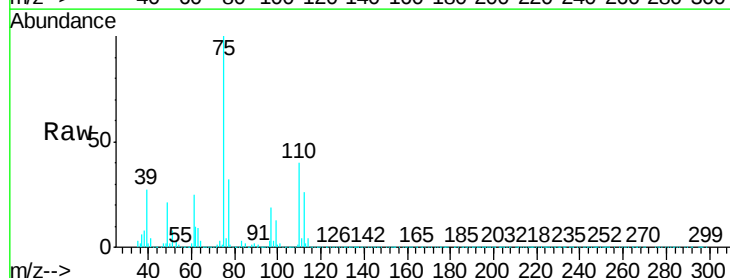
Acq: 31 Oct 2019 17:52

Tgt Ion: 75 Resp: 1136331

Ion Ratio Lower Upper

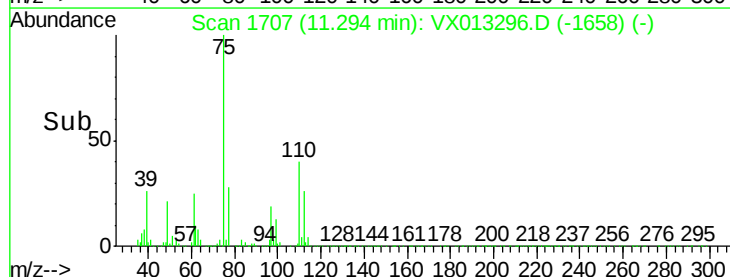
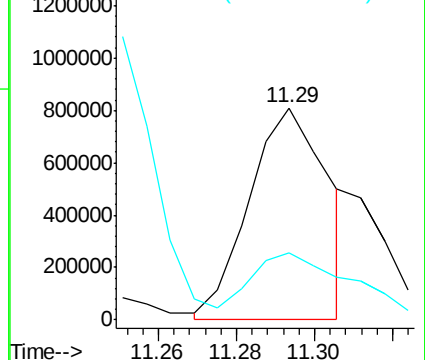
75 100

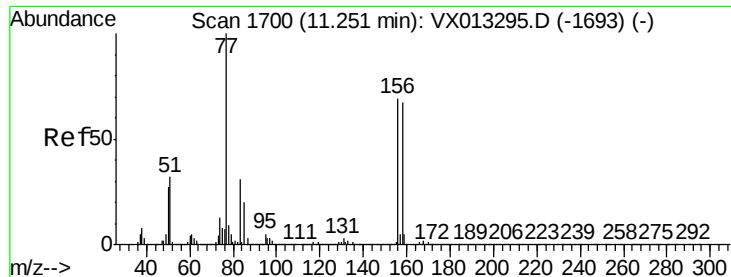
77 40.7 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





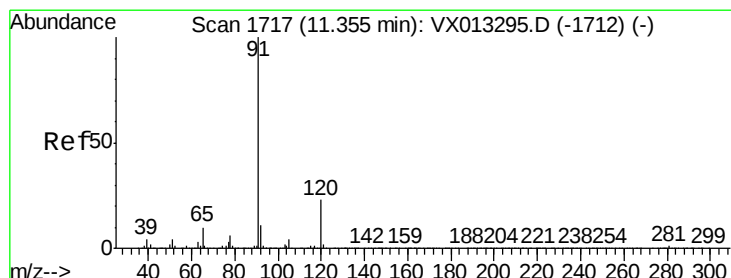
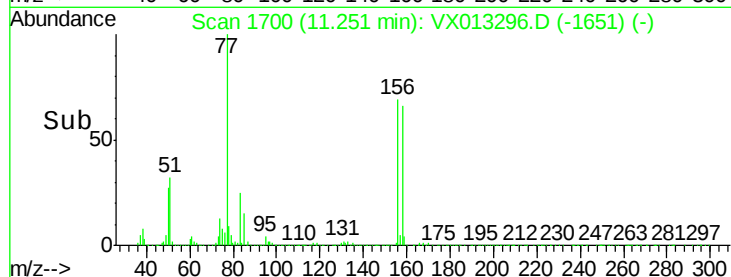
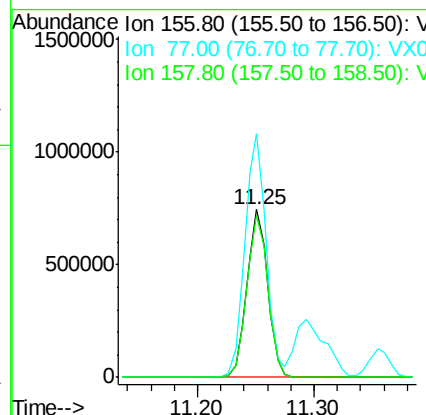
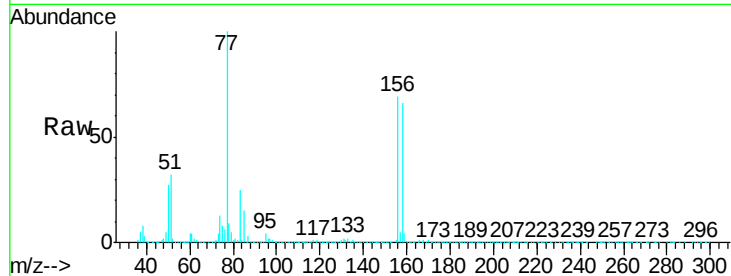
#77
Bromobenzene
Concen: 94.755 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	923654		
77	149.1	75.8	227.4	
158	98.4	47.6	142.8	

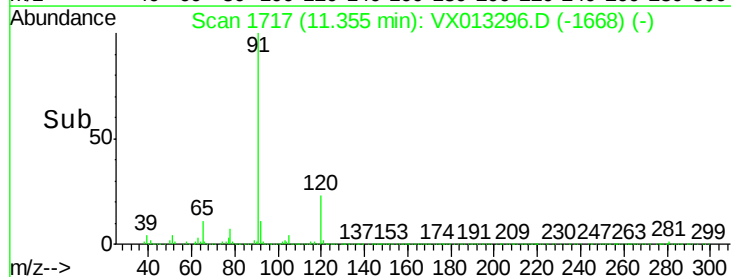
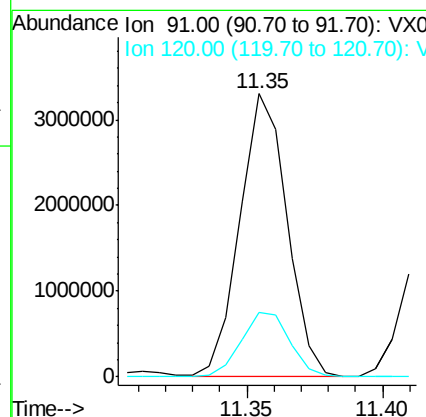
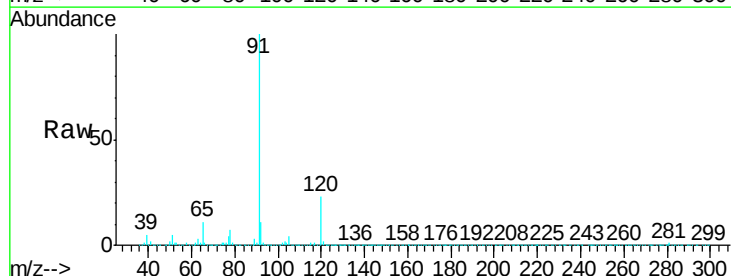
Manual Integrations
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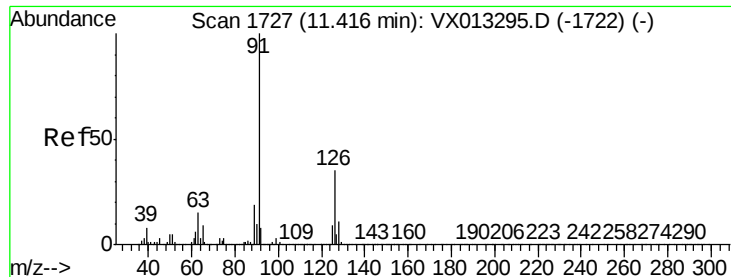
MMDadoda
11/4/2019 3:41:14 PM



#78
n-propylbenzene
Concen: 100.546 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	3959603		
120	23.7	11.6	34.8	





#79

2-Chlorotoluene

Concen: 98.445 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 2325574

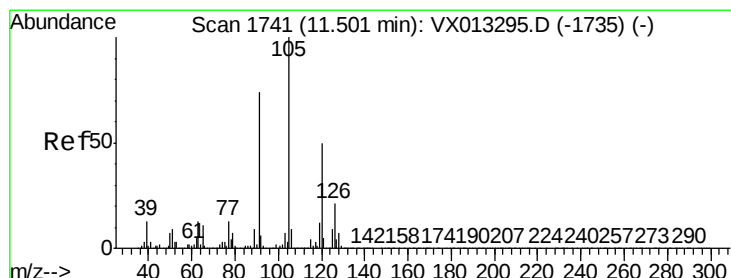
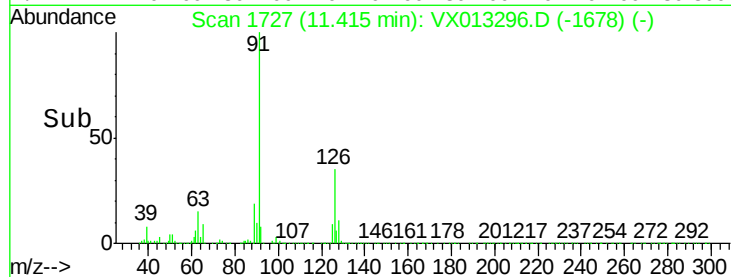
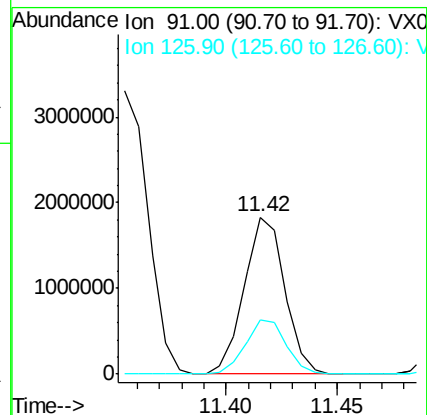
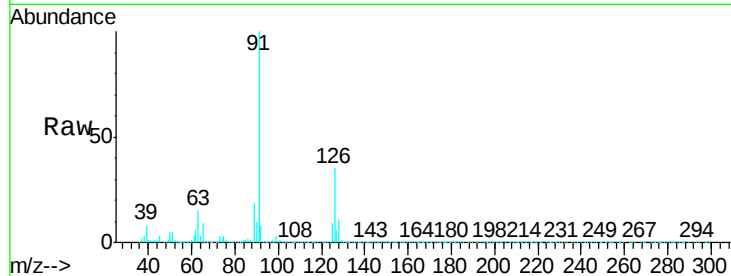
Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 99.298 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013296.D

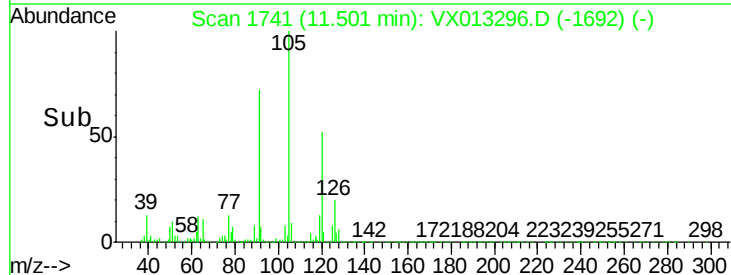
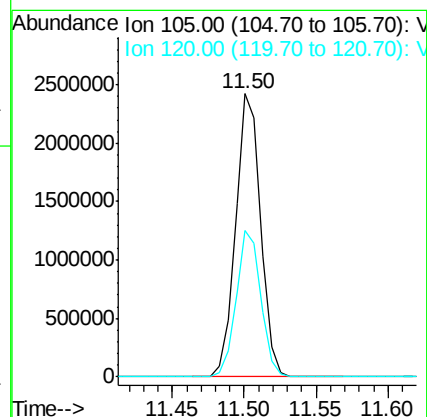
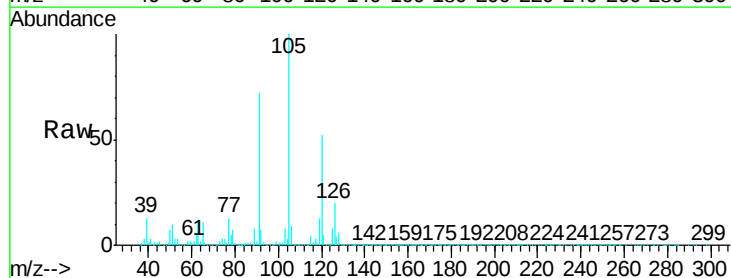
Acq: 31 Oct 2019 17:52

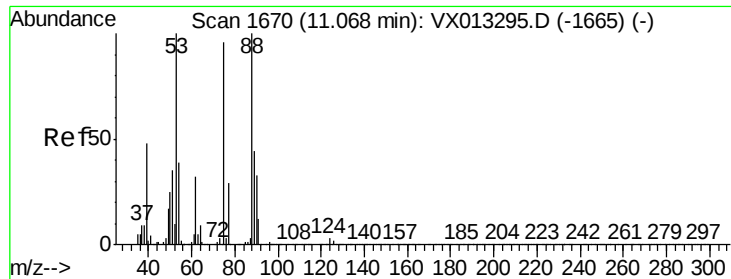
Tgt Ion: 105 Resp: 2942314

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 124.582 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

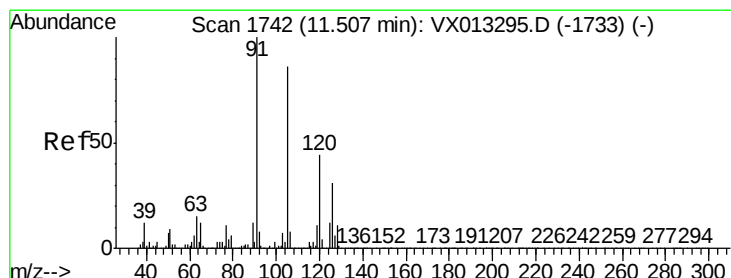
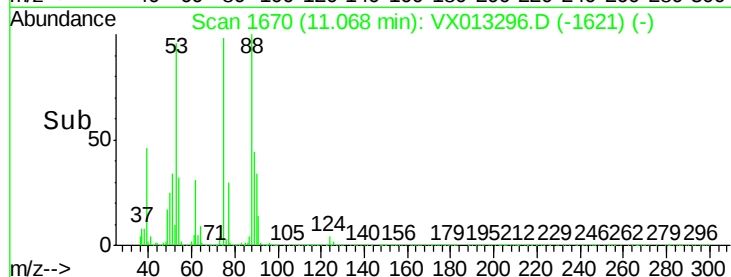
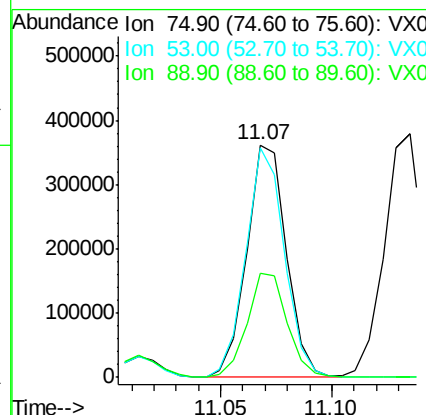
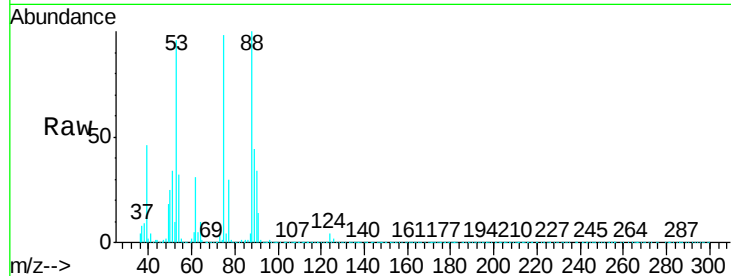
ClientSampleId :

VSTDIC100

Tgt Ion:	75	Resp:	448878
Ion Ratio	Lower	Upper	
75	100		
53	96.4	81.0	121.6
89	45.4	36.0	54.0

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#82

4-Chlorotoluene

Concen: 100.285 ug/l

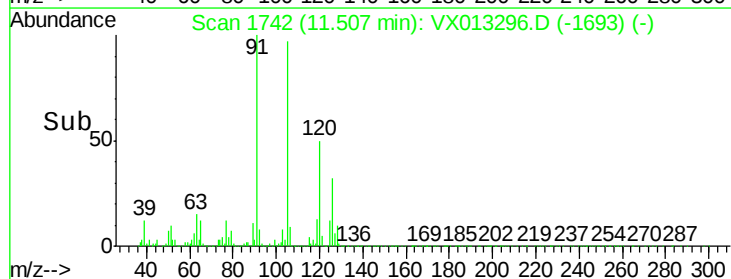
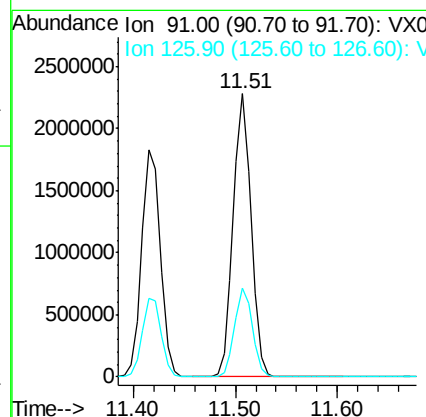
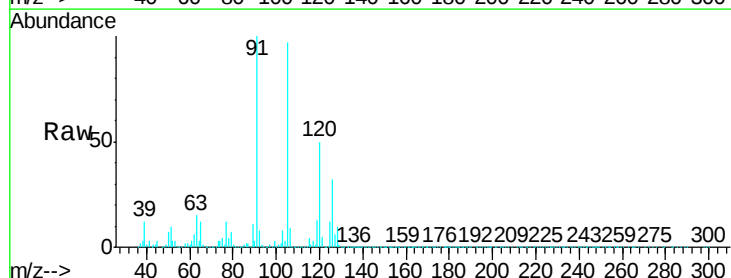
RT: 11.51 min Scan# 1742

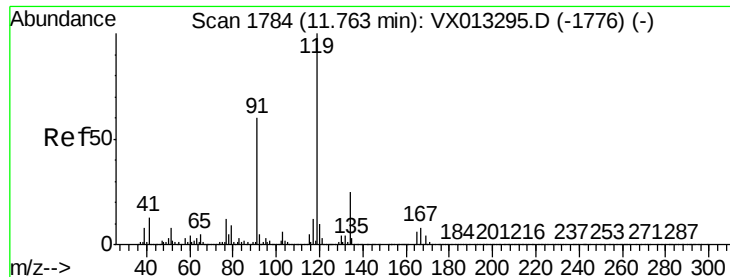
Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:	91	Resp:	2756940
Ion Ratio	Lower	Upper	
91	100		
126	31.3	15.3	45.8





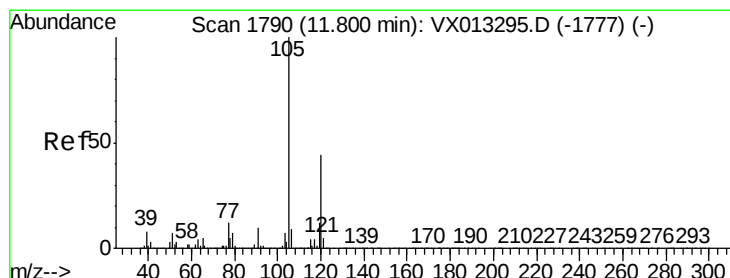
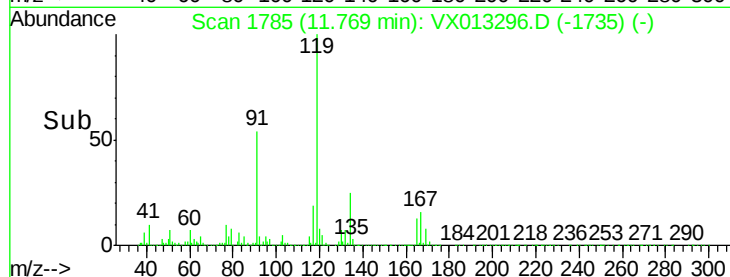
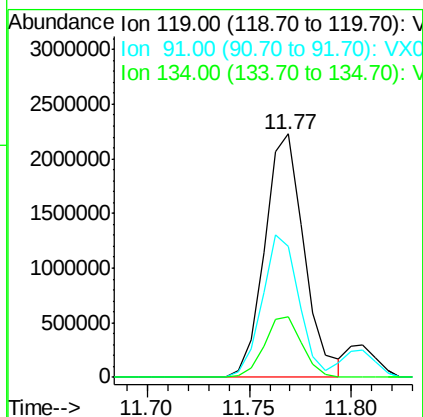
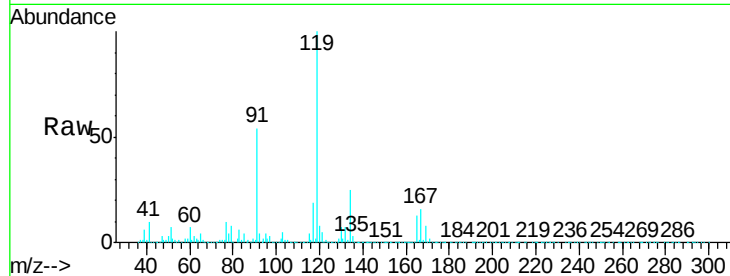
#83
 tert-Butylbenzene
 Concen: 102.297 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 3000194
 Ion Ratio Lower Upper
 119 100
 91 54.5 26.9 80.7
 134 23.7 11.7 35.1

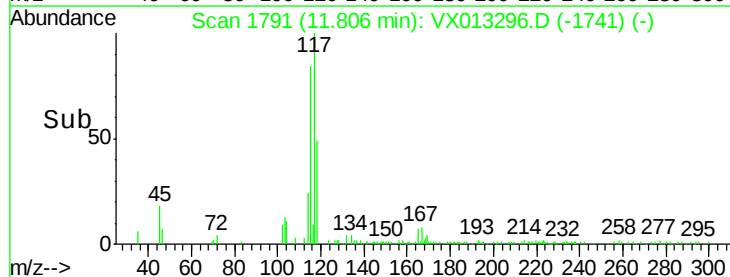
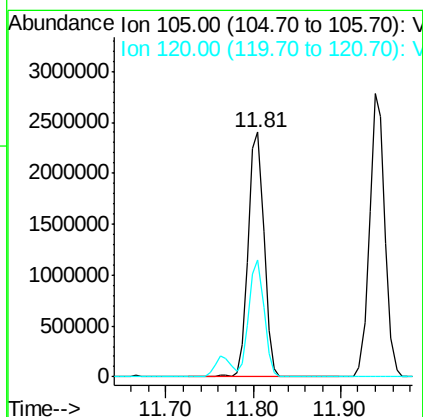
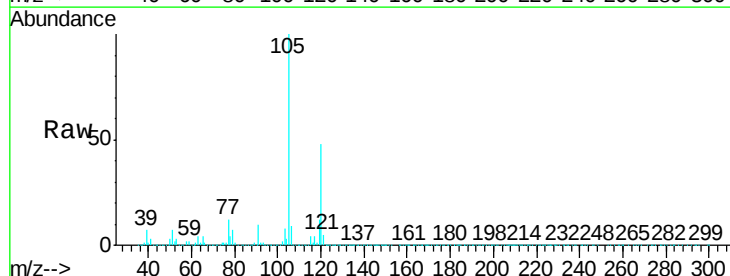
Manual Integrations
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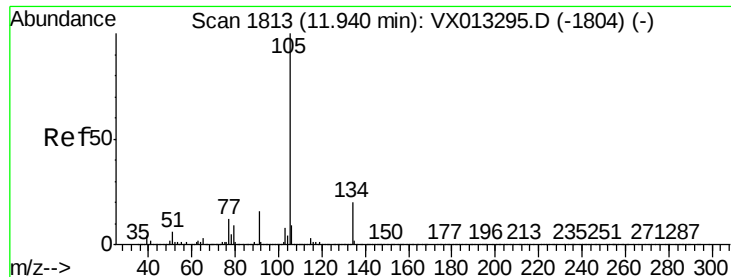
MMDadoda
 11/4/2019 3:41:14 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 99.997 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion:105 Resp: 2991019
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1





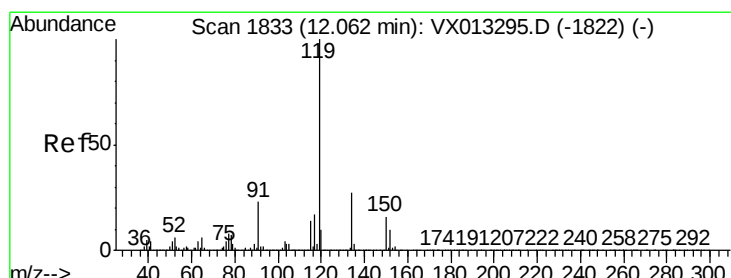
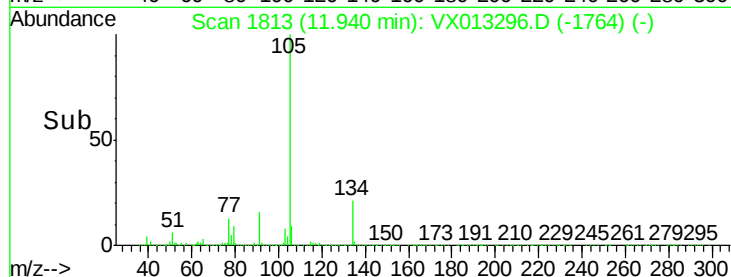
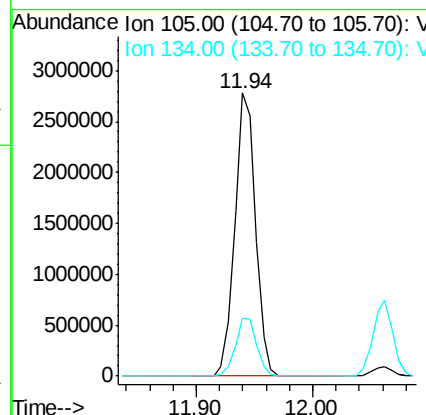
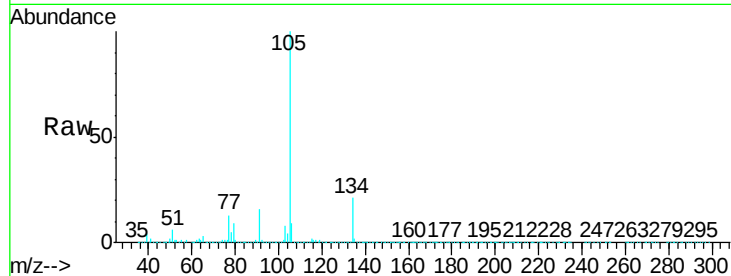
#85
 sec-Butylbenzene
 Concen: 100.546 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 3427749
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9

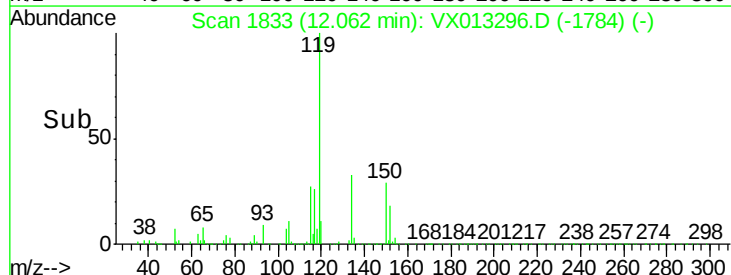
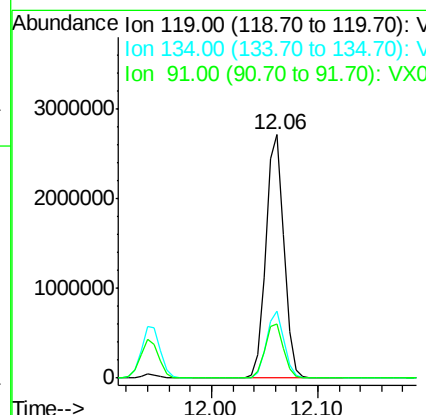
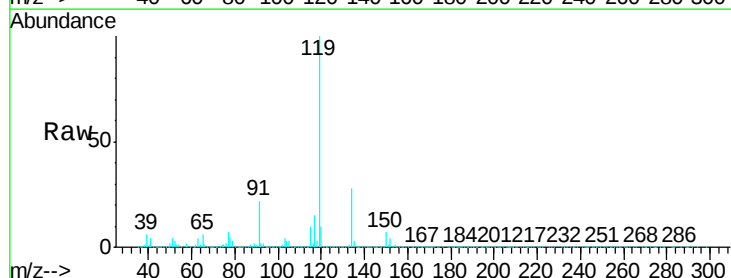
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 102.213 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion:119 Resp: 3224260
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.9 11.5 34.4





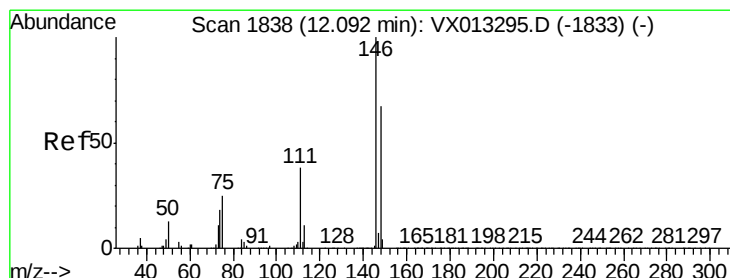
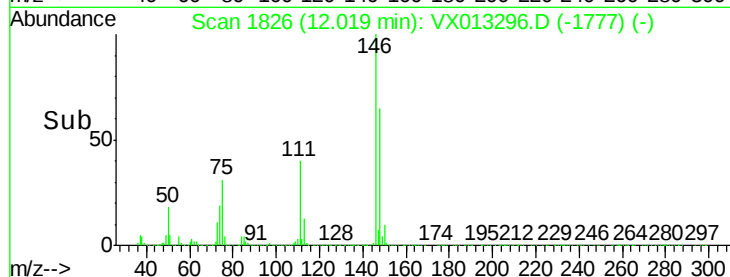
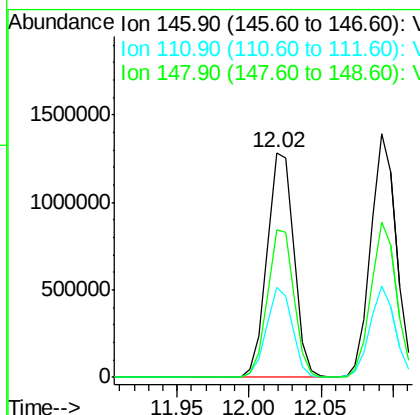
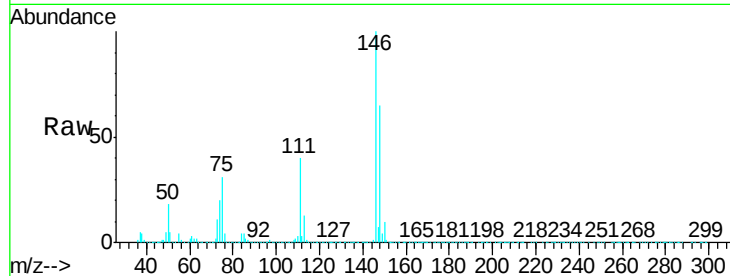
#87
 1,3-Dichlorobenzene
 Concen: 97.762 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	64.9	31.9	95.7

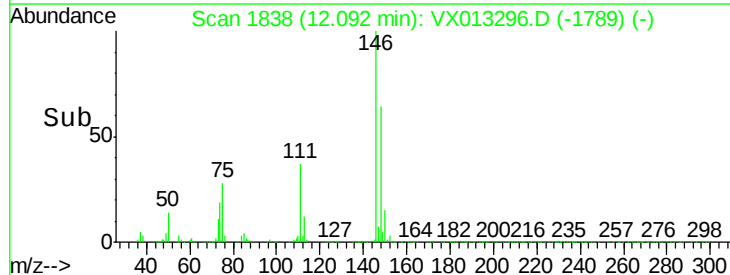
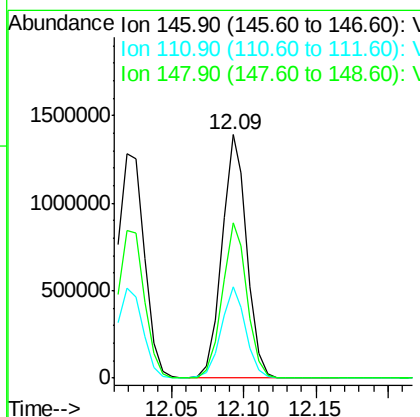
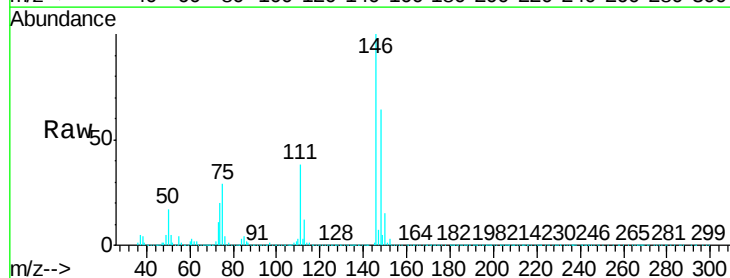
Manual Integrations
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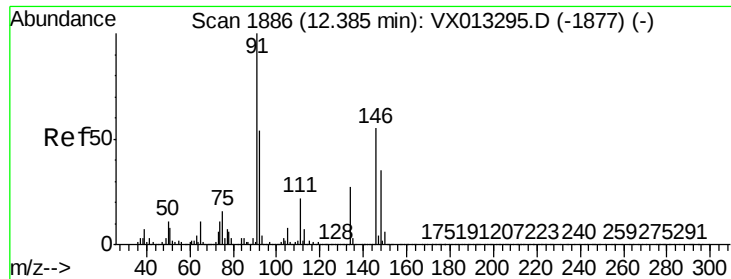
MMDadoda
 11/4/2019 3:41:14 PM



#88
 1,4-Dichlorobenzene
 Concen: 96.593 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	63.8	32.4	97.0





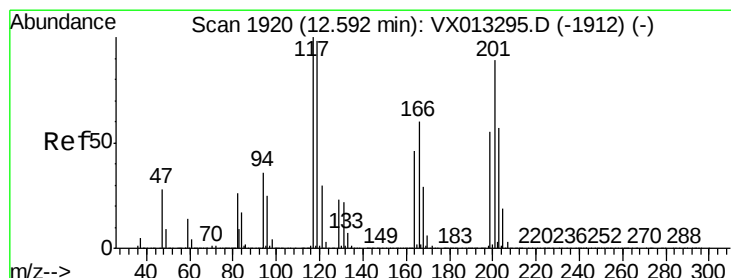
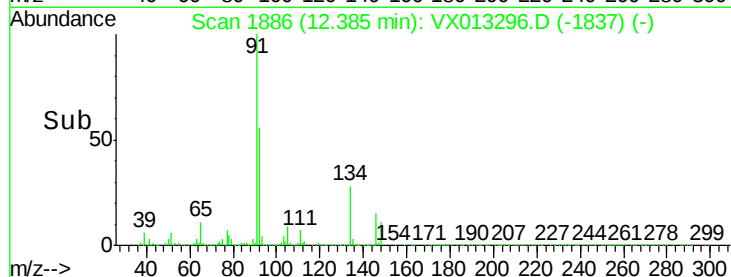
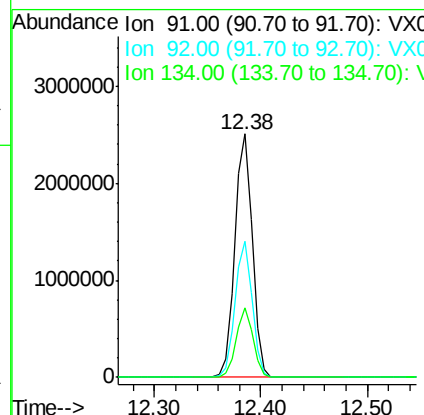
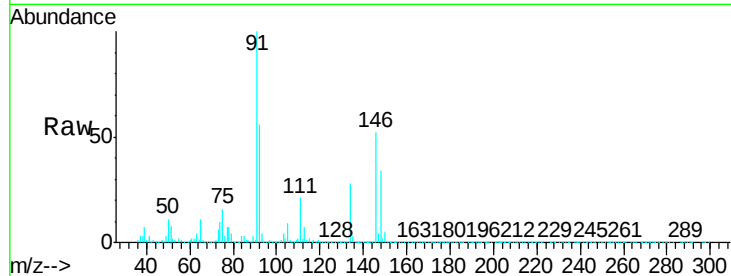
#89
n-Butylbenzene
Concen: 107.318 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	27.5	13.5	40.5

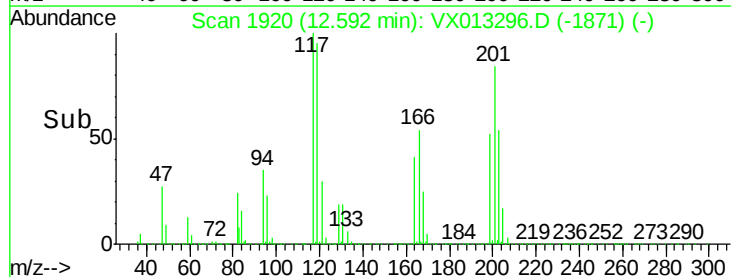
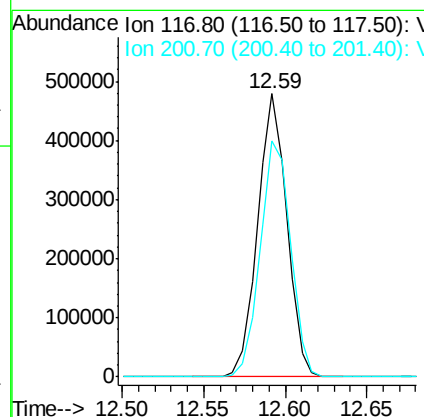
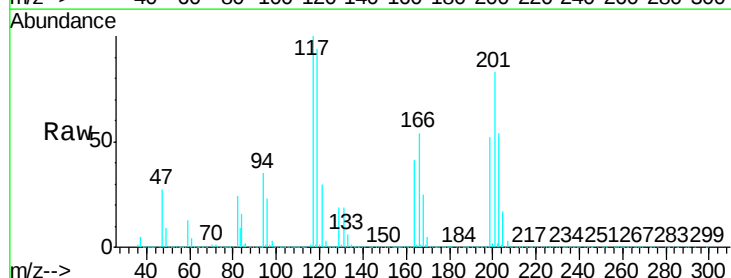
Manual Integrations
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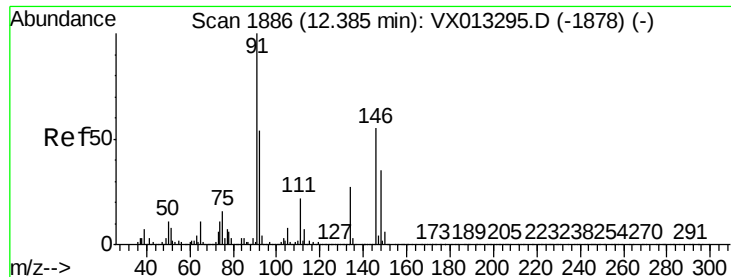
MMDadoda
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#90
Hexachloroethane
Concen: 117.689 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.9	131.7





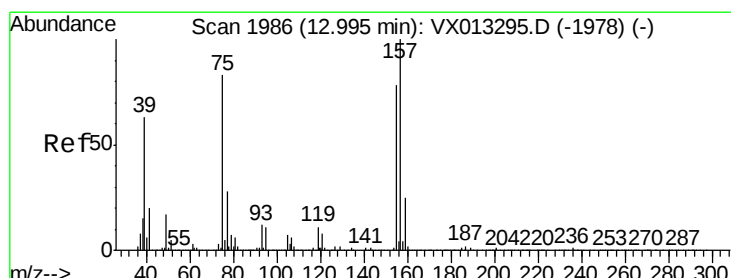
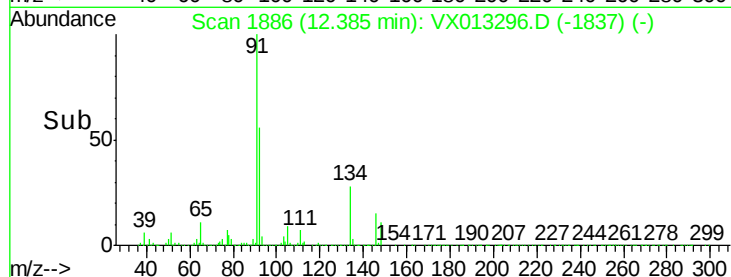
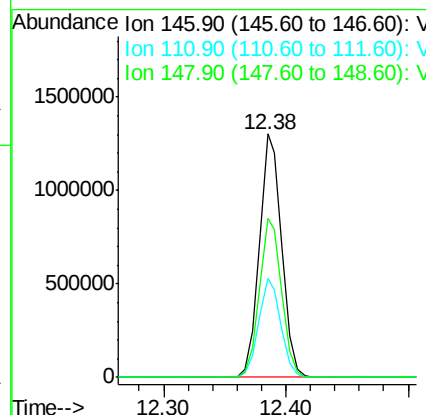
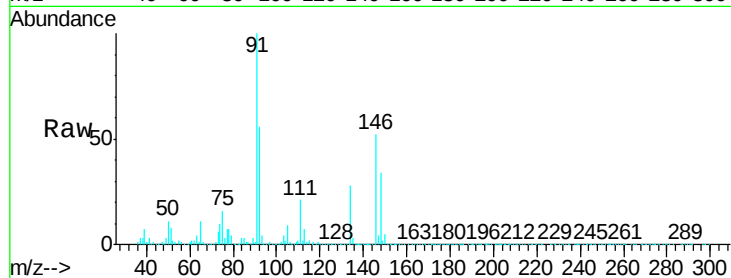
#91
1,2-Dichlorobenzene
Concen: 99.048 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	65.0	32.0	96.0

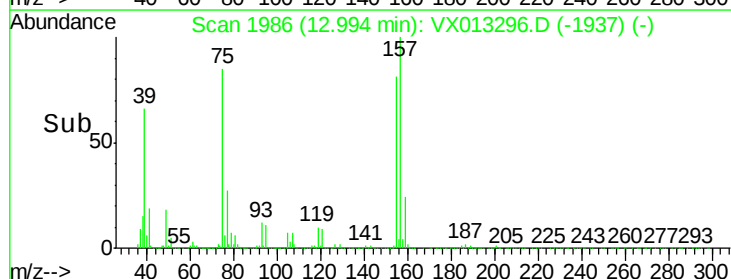
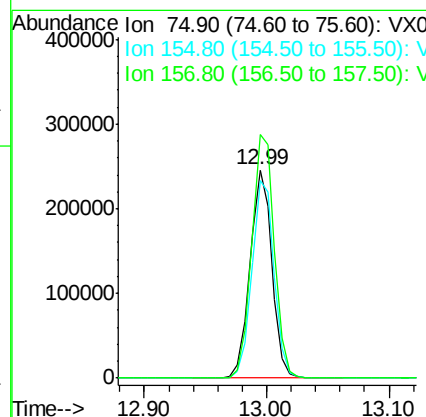
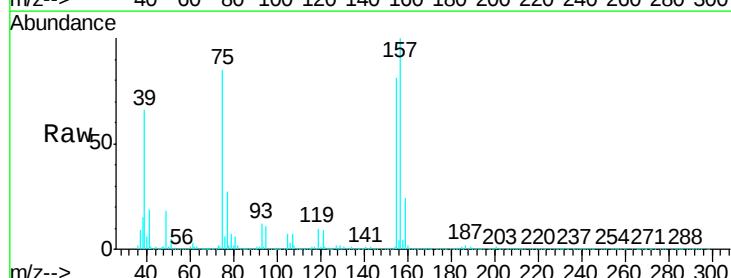
Manual Integrations
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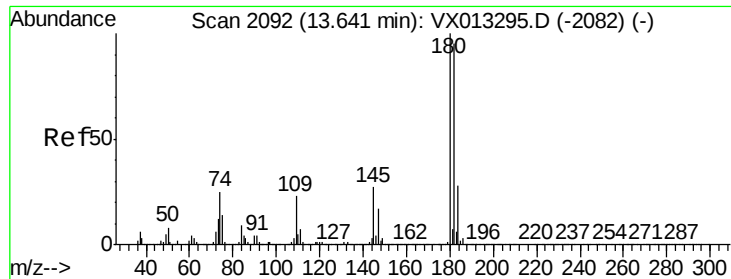
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 120.158 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	47.1	141.4
157	122.1	61.3	183.8





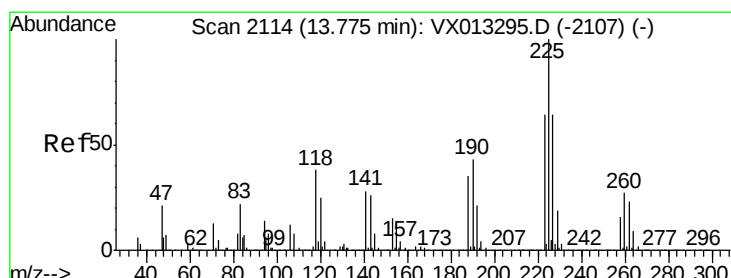
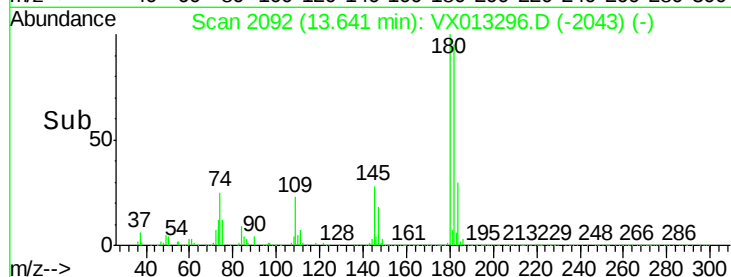
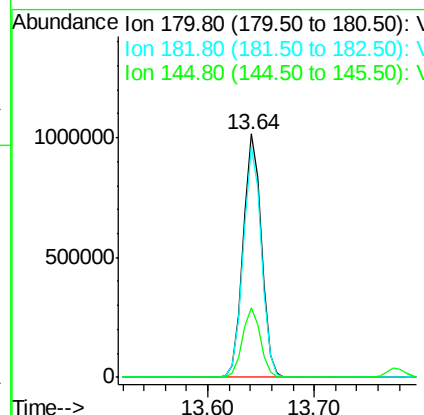
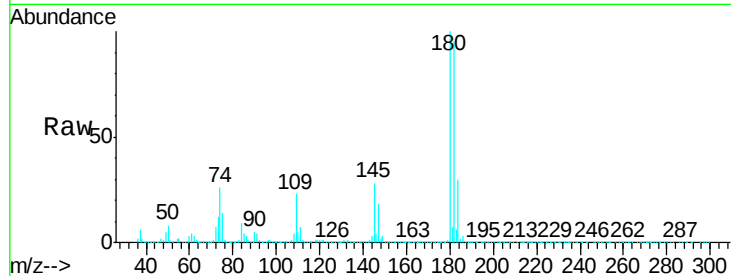
#93
1,2,4-Trichlorobenzene
Concen: 107.513 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.0
145	28.1	14.1	42.4

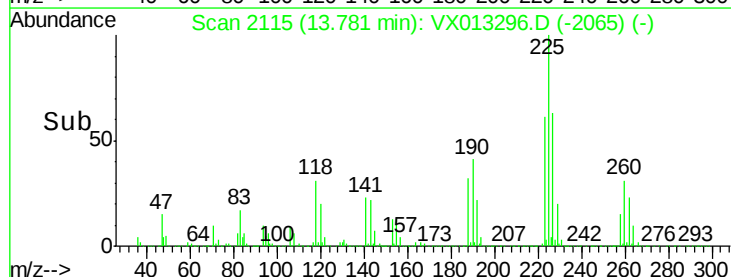
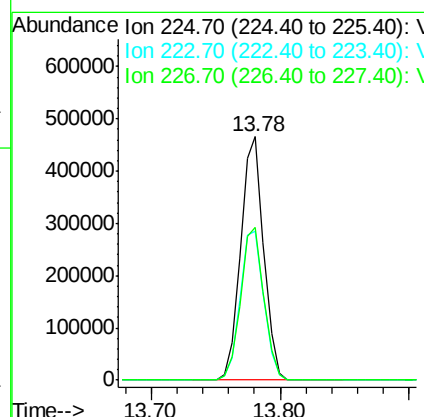
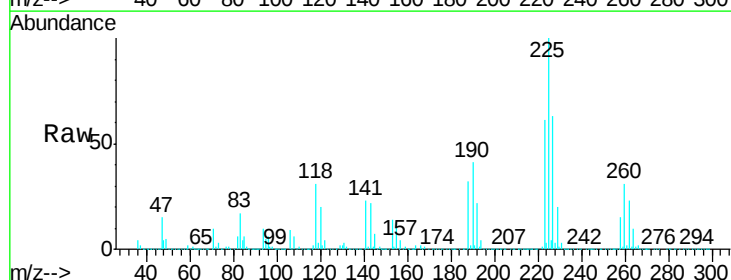
Manual Integrations
APPROVED

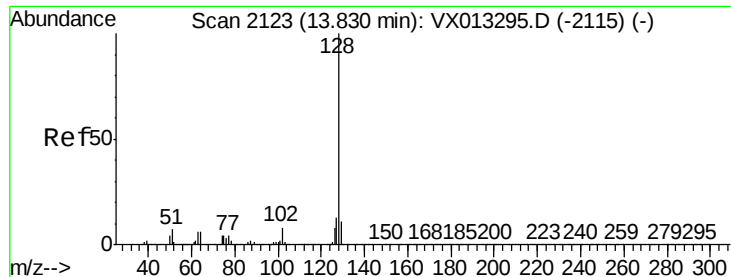
MMDadoda
11/4/2019 3:41:14 PM



#94
Hexachlorobutadiene
Concen: 102.145 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.6	31.9	95.9





#95

Naphthalene

Concen: 114.444 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 3932056

Ion Ratio Lower Upper

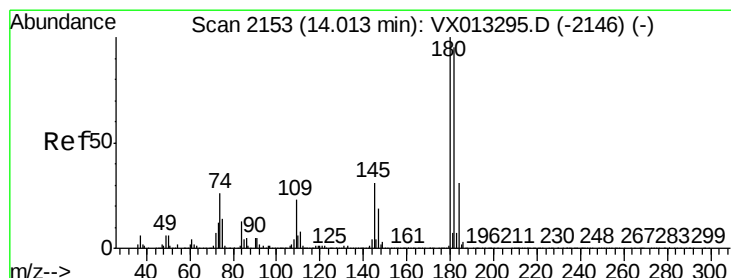
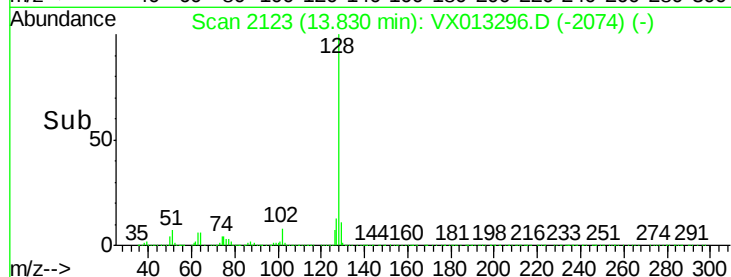
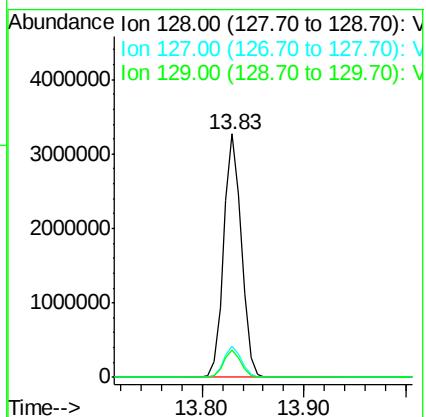
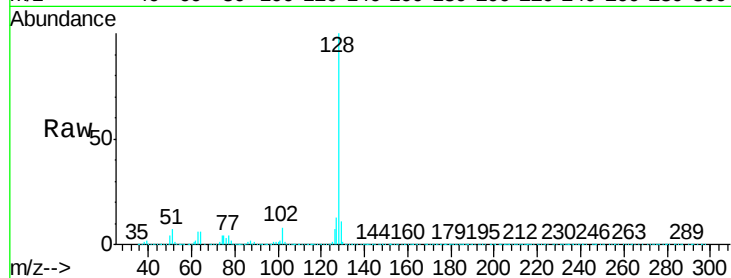
128 100

127 12.9 10.2 15.2

129 10.9 8.5 12.7

Manual Integrations
APPROVED

MMDadoda
11/4/2019 3:41:14 PM



#96

1,2,3-Trichlorobenzene

Concen: 106.699 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion:180 Resp: 1217356

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.2

145 30.3 15.4 46.4

