

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013365.D
 Acq On : 08 Nov 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:34:24 PM

Quant Time: Nov 11 04:01:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	698869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1073528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	976714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	496569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	396038	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.48	113	329994	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	1263519	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	454471	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	384659	47.770	ug/l	99
3) Chloromethane	1.31	50	424504	48.613	ug/l	99
4) Vinyl Chloride	1.40	62	485473	48.834	ug/l	100
5) Bromomethane	1.63	94	295610	42.670	ug/l	100
6) Chloroethane	1.71	64	266314	46.786	ug/l	100
7) Trichlorofluoromethane	1.92	101	535618	45.603	ug/l	97
8) Diethyl Ether	2.17	74	245760	47.317	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	327815	50.076	ug/l	99
10) Methyl Iodide	2.50	142	411695	50.796	ug/l	97
11) Tert butyl alcohol	3.03	59	452664	207.431	ug/l	100
12) 1,1-Dichloroethene	2.36	96	326531	50.936	ug/l	95
13) Acrolein	2.28	56	282218	238.619	ug/l	98
14) Allyl chloride	2.72	41	604186	51.871	ug/l	97
15) Acrylonitrile	3.12	53	1035770	254.094	ug/l	99
16) Acetone	2.43	43	1012651	245.211	ug/l	100
17) Carbon Disulfide	2.56	76	825686	48.122	ug/l	99
18) Methyl Acetate	2.76	43	592136	51.936	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	1125505	52.639	ug/l	97
20) Methylene Chloride	2.84	84	373025	48.888	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	347090	49.727	ug/l	97
22) Diisopropyl ether	3.84	45	1195487	53.162	ug/l	92
23) Vinyl Acetate	3.80	43	4972966	258.437	ug/l	100
24) 1,1-Dichloroethane	3.69	63	652672	51.883	ug/l	98
25) 2-Butanone	4.65	43	1503352	248.145	ug/l	100
26) 2,2-Dichloropropane	4.57	77	518035	51.765	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	409197	52.333	ug/l	100
28) Bromochloromethane	5.00	49	187560	52.512	ug/l	98
29) Tetrahydrofuran	5.11	42	933628	250.074	ug/l	99
30) Chloroform	5.20	83	633029	50.962	ug/l	99
31) Cyclohexane	5.57	56	575316	50.825	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	544206	50.908	ug/l	99
36) 1,1-Dichloropropene	5.79	75	471529	51.200	ug/l	99
37) Ethyl Acetate	4.81	43	559314	49.149	ug/l	100
38) Carbon Tetrachloride	5.77	117	464151	51.539	ug/l	100

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Quant Time: Nov 11 04:01:53 2019
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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	578350	50.400	ug/l	97
40) Benzene	6.13	78	1469584	51.227	ug/l	99
41) Methacrylonitrile	5.02	41	313316	49.121	ug/l	98
42) 1,2-Dichloroethane	6.18	62	518946	50.151	ug/l	100
43) Isopropyl Acetate	6.43	43	912676	51.504	ug/l	99
44) Trichloroethene	7.20	130	393387	49.817	ug/l	99
45) 1,2-Dichloropropane	7.51	63	381522	52.196	ug/l	100
46) Dibromomethane	7.65	93	249586	50.010	ug/l	98
47) Bromodichloromethane	7.89	83	492316	52.313	ug/l	98
48) Methyl methacrylate	7.76	41	460918	52.107	ug/l	97
49) 1,4-Dioxane	7.73	88	193731	956.337	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2903815	249.765	ug/l	99
52) Toluene	8.78	92	921933	51.851	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	557867	54.210	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	613812	53.322	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	384371	52.155	ug/l	98
56) Ethyl methacrylate	9.17	69	623448	49.566	ug/l	97
57) 1,3-Dichloropropane	9.37	76	643859	51.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1312979	260.560	ug/l	99
59) 2-Hexanone	9.48	43	2250704	250.511	ug/l	99
60) Dibromochloromethane	9.57	129	402165	53.357	ug/l	99
61) 1,2-Dibromoethane	9.67	107	399698	51.075	ug/l	100
64) Tetrachloroethene	9.33	164	348483	49.840	ug/l	97
65) Chlorobenzene	10.14	112	1000460	50.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	375596	51.731	ug/l	99
67) Ethyl Benzene	10.25	91	1780582	52.174	ug/l	99
68) m/p-Xylenes	10.36	106	1343246	104.072	ug/l	100
69) o-Xylene	10.69	106	664536	52.590	ug/l	98
70) Styrene	10.71	104	1139854	53.963	ug/l	98
71) Bromoform	10.85	173	317038	47.281	ug/l	99
73) Isopropylbenzene	11.01	105	1741288	52.889	ug/l	100
74) N-amyl acetate	10.89	43	824791	54.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	617290	51.394	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	493202m	48.900	ug/l	
77) Bromobenzene	11.25	156	461085	52.534	ug/l	98
78) n-propylbenzene	11.35	91	1977322	53.915	ug/l	99
79) 2-Chlorotoluene	11.42	91	1161158	52.550	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1466659	53.482	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	202194	51.601	ug/l	99
82) 4-Chlorotoluene	11.51	91	1347809	52.108	ug/l	99
83) tert-Butylbenzene	11.76	119	1485382	53.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1467846	53.358	ug/l	99
85) sec-Butylbenzene	11.94	105	1701526	53.630	ug/l	100
86) p-Isopropyltoluene	12.06	119	1579495	54.065	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	810127	51.782	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	811420	50.905	ug/l	99
89) n-Butylbenzene	12.39	91	1361141	53.395	ug/l	100
90) Hexachloroethane	12.59	117	280335	53.856	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	814650	52.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	132490	45.277	ug/l	97

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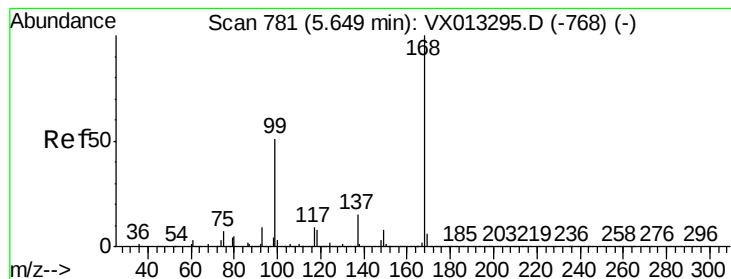
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	574114	52.629	ug/l	98
94) Hexachlorobutadiene	13.78	225	261280	48.957	ug/l	99
95) Naphthalene	13.83	128	1818674	53.137	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	562990	51.461	ug/l	99

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



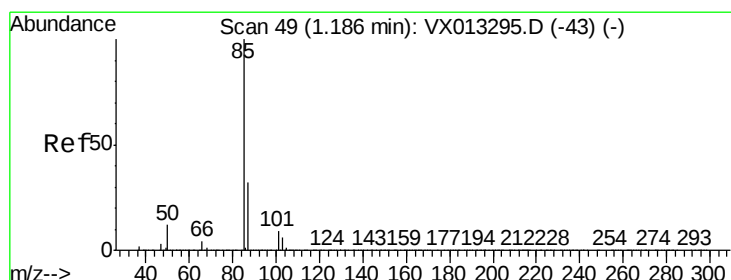
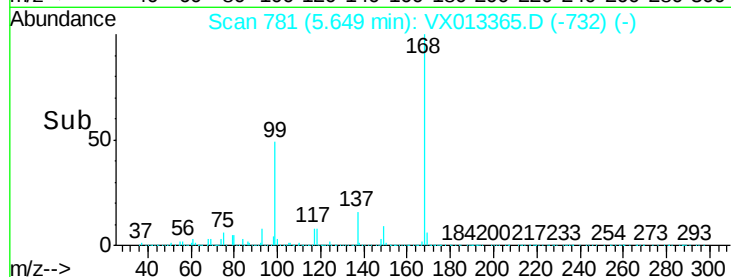
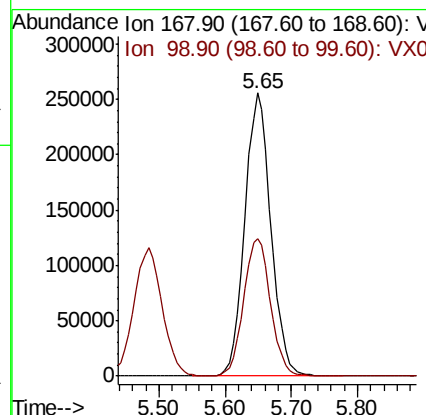
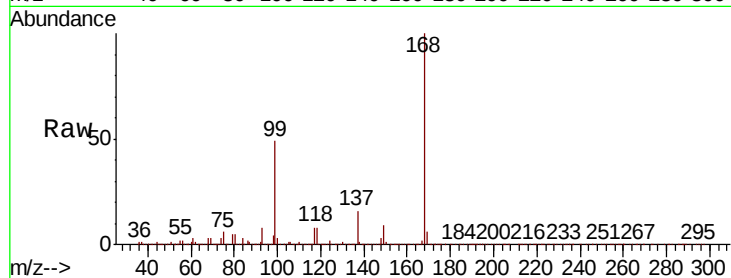
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.5	40.8	61.2

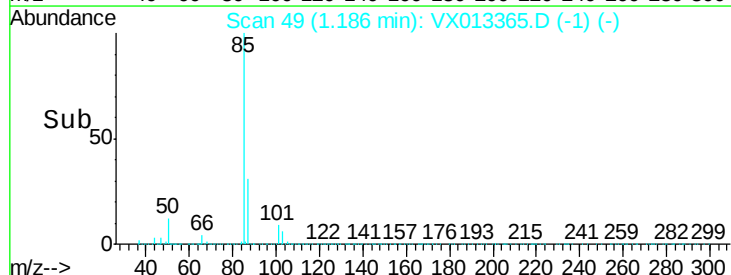
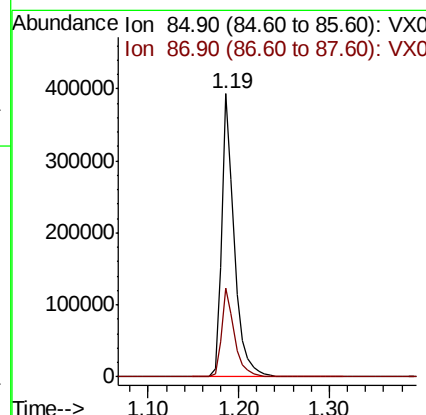
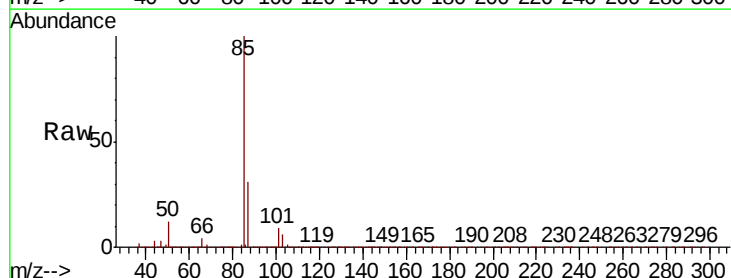
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#2
Dichlorodifluoromethane
Concen: 47.770 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.9	47.6





#3

Chloromethane

Concen: 48.613 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 424504

Ion Ratio Lower Upper

50 100

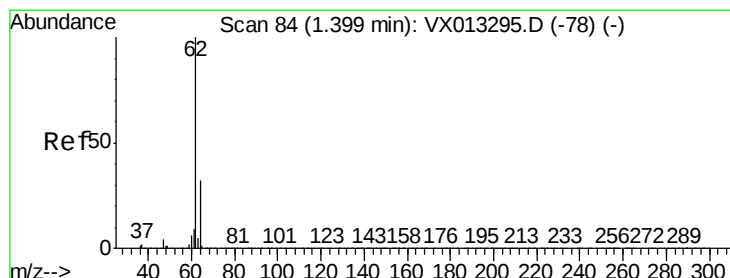
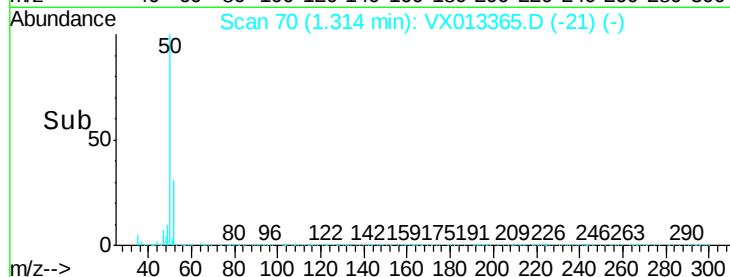
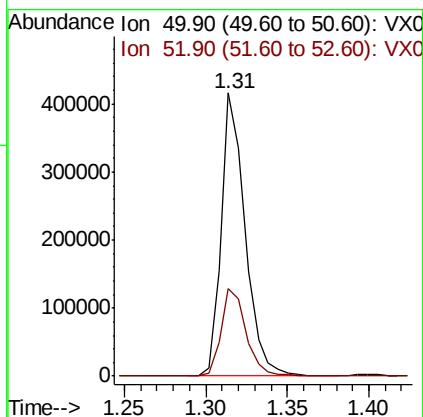
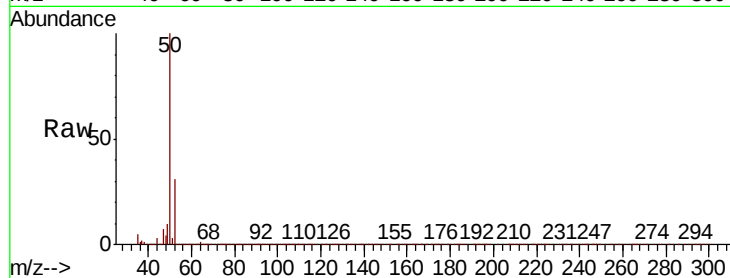
52 31.1 25.5 38.3

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#4

Vinyl Chloride

Concen: 48.834 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013365.D

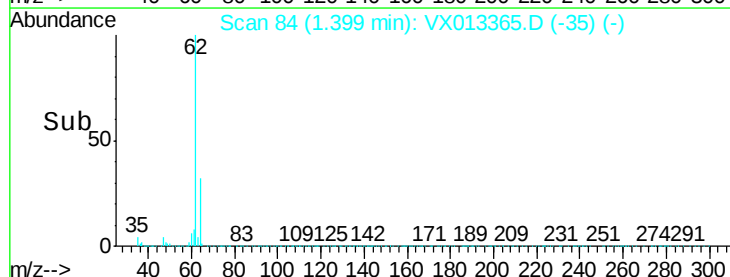
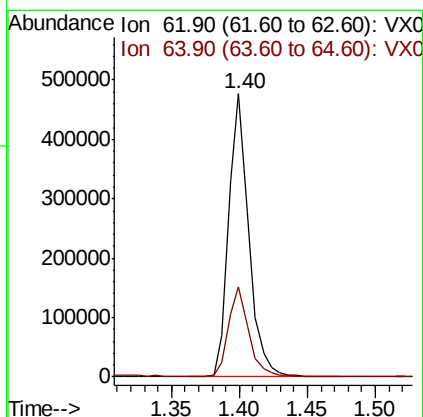
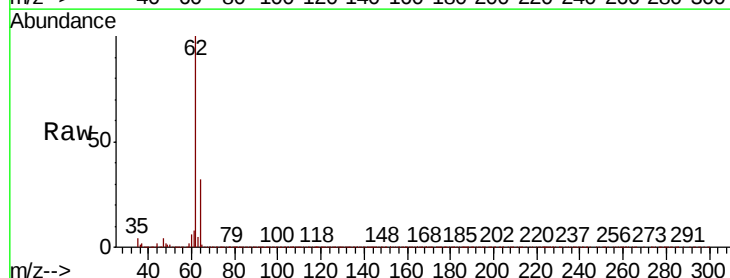
Acq: 08 Nov 2019 18:11

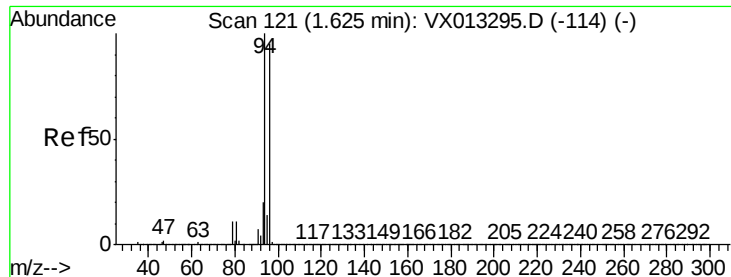
Tgt Ion: 62 Resp: 485473

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 42.670 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 295610

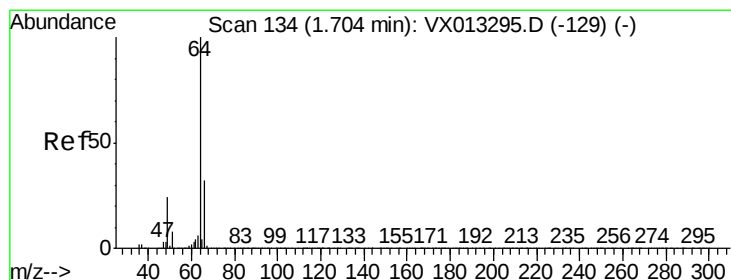
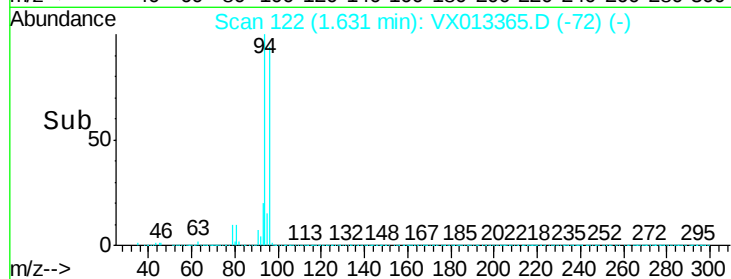
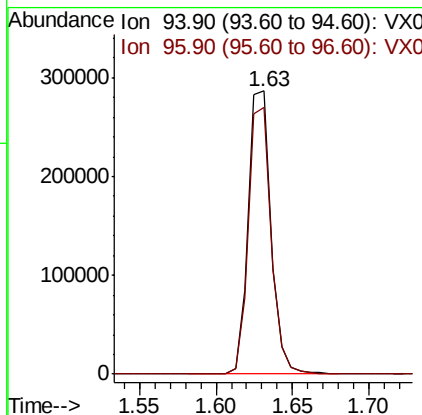
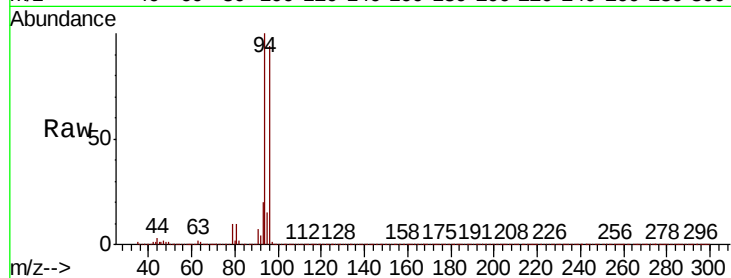
Ion Ratio Lower Upper

94 100

96 94.3 75.8 113.8

Manual Integrations
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#6

Chloroethane

Concen: 46.786 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013365.D

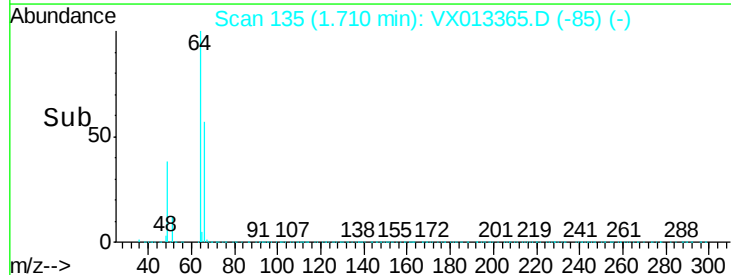
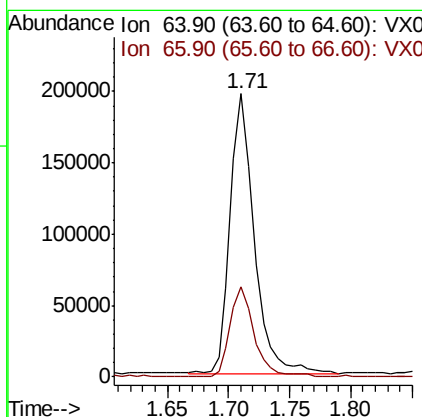
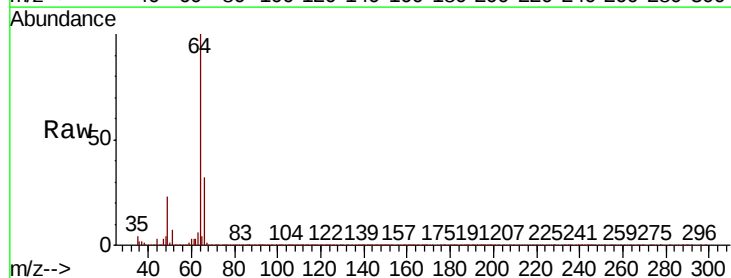
Acq: 08 Nov 2019 18:11

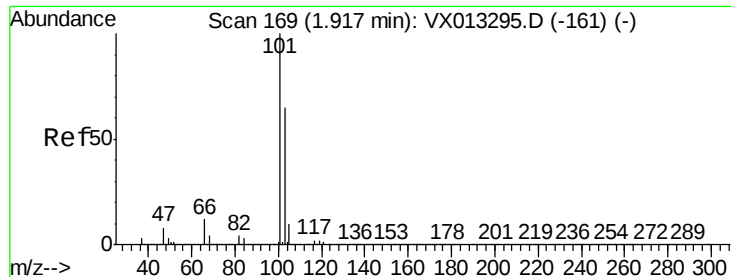
Tgt Ion: 64 Resp: 266314

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4





#7

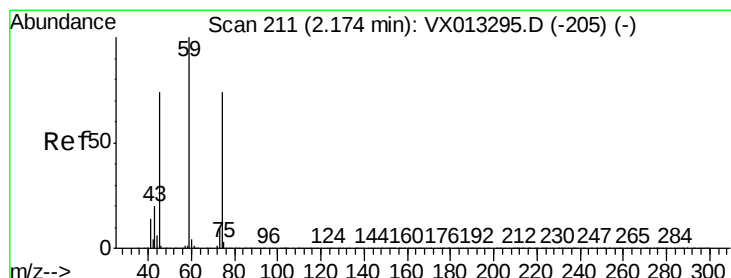
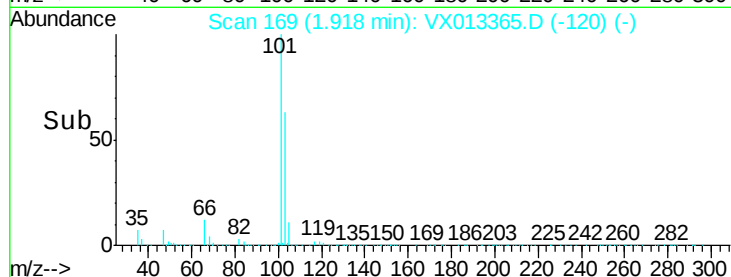
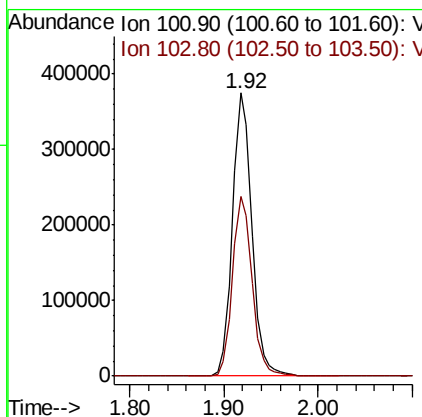
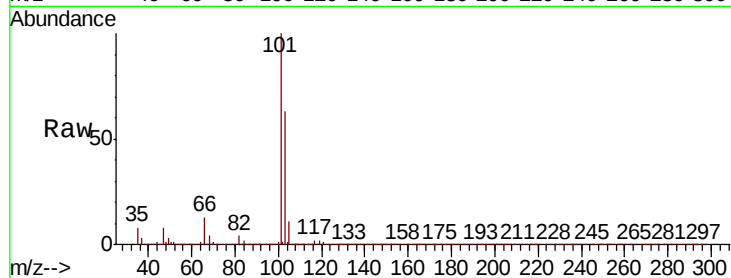
Trichlorofluoromethane
Concen: 45.603 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.3	78.5

Manual Integrations
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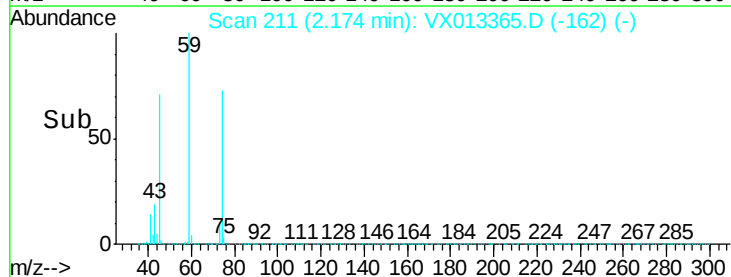
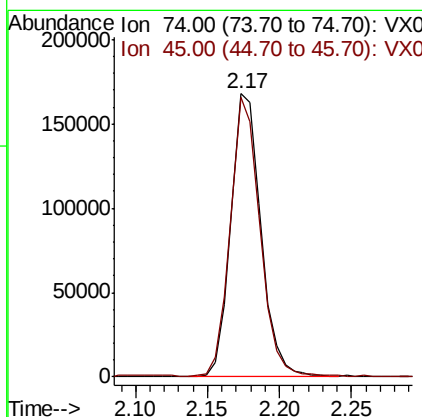
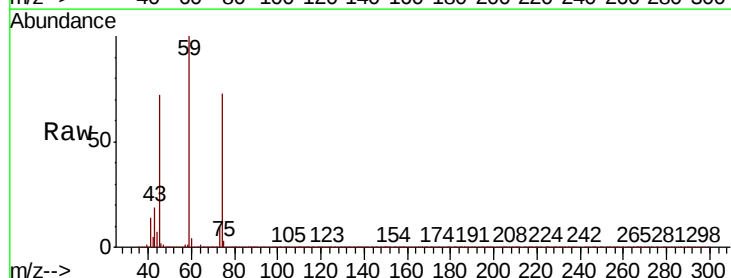
MMDadoda
11/11/2019 3:34:24 PM

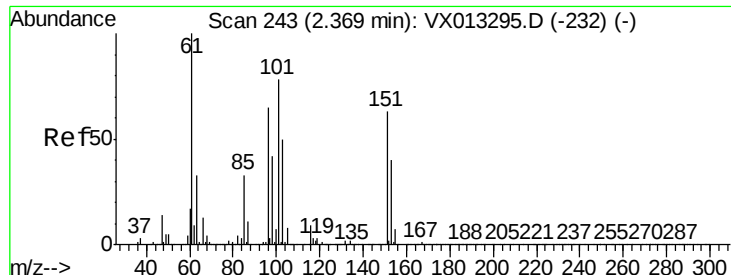


#8

Diethyl Ether
Concen: 47.317 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.076 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

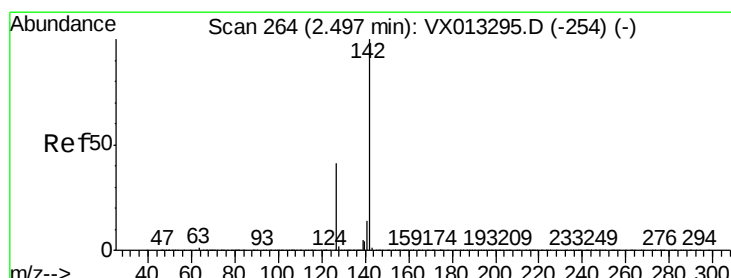
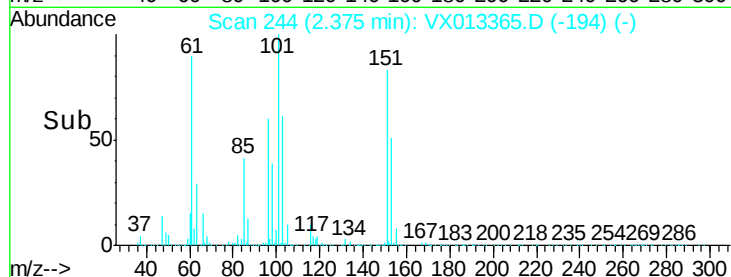
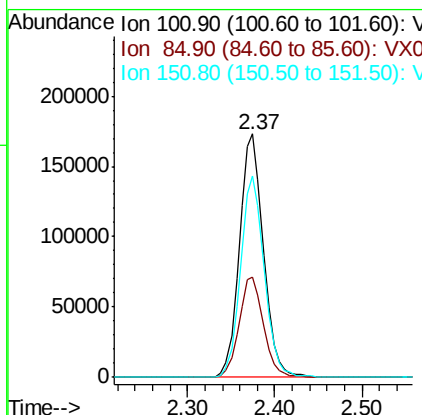
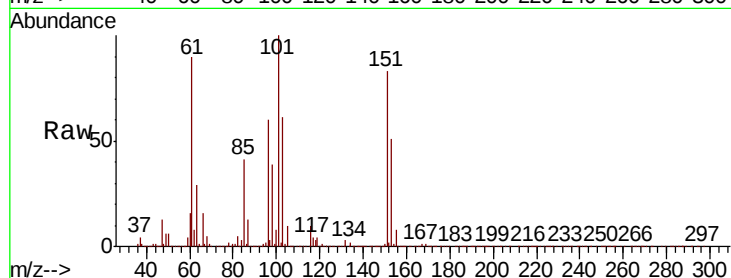
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	327815
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	82.5	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 50.796 ug/l

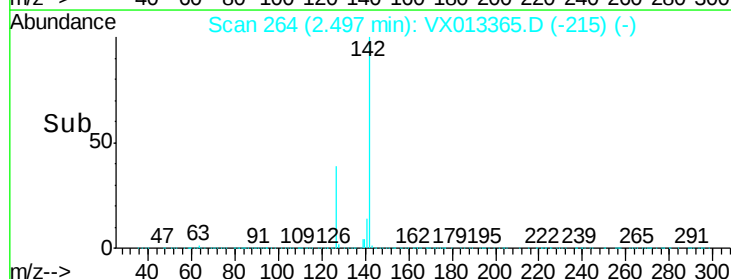
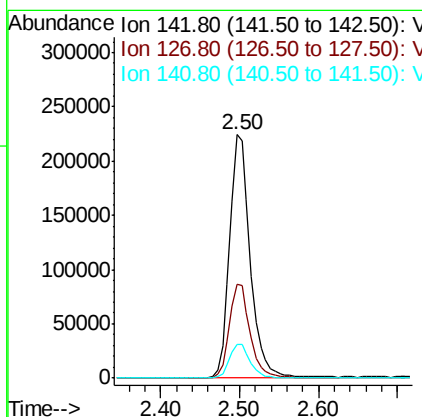
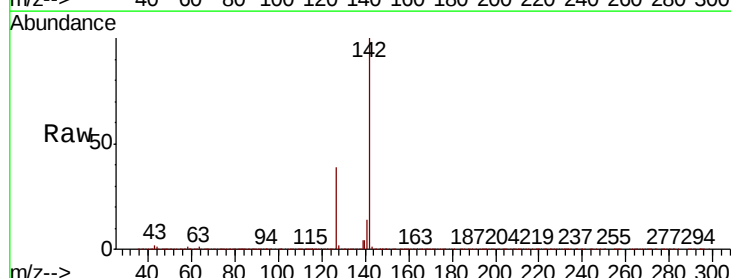
RT: 2.50 min Scan# 264

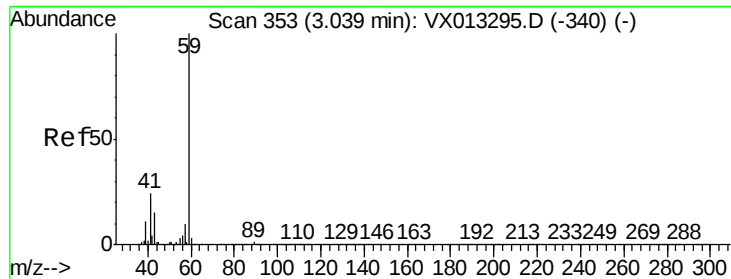
Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion:	142	Resp:	411695
Ion Ratio	Lower	Upper	
142	100		
127	38.5	32.6	49.0
141	14.4	11.6	17.4





#11

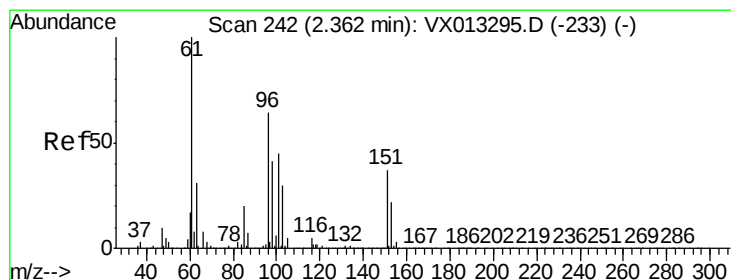
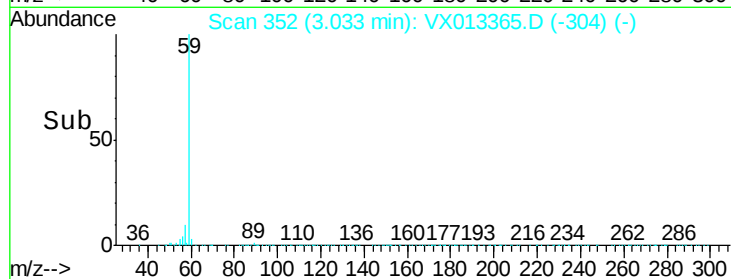
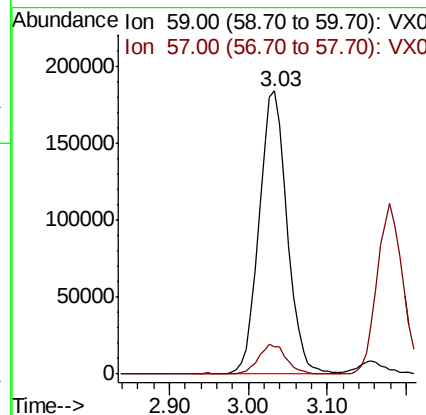
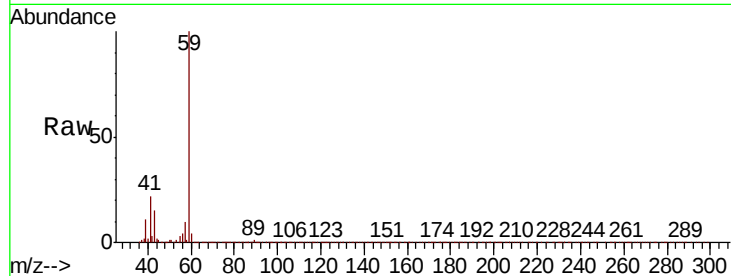
Tert butyl alcohol
Concen: 207.431 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

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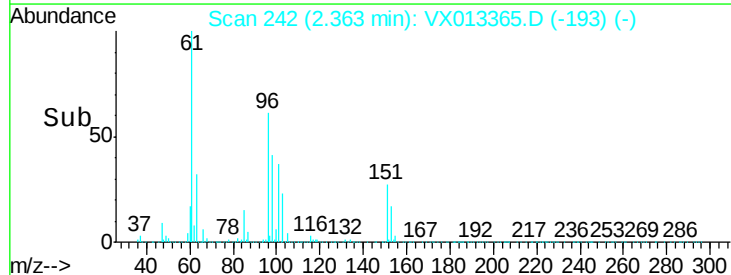
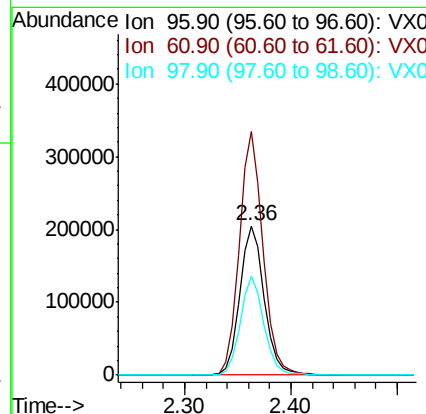
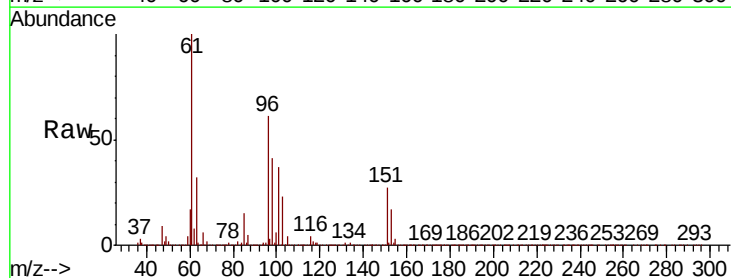
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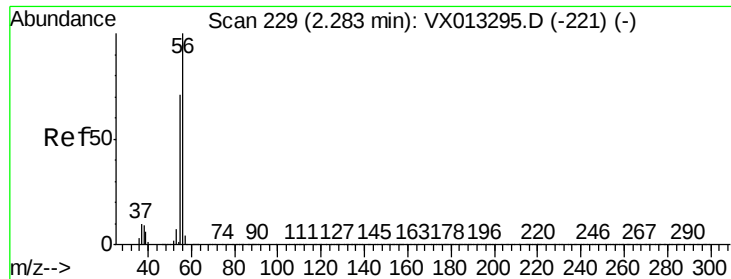


#12

1,1-Dichloroethene
Concen: 50.936 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	125.0	187.6
98	66.2	50.7	76.1





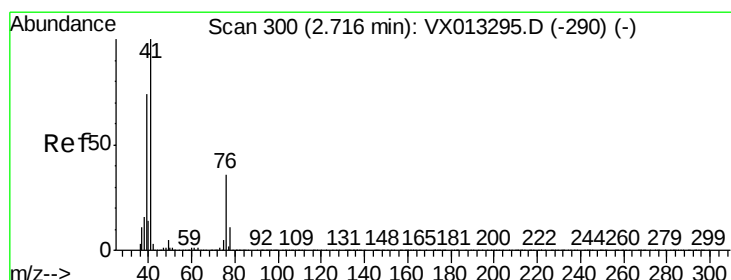
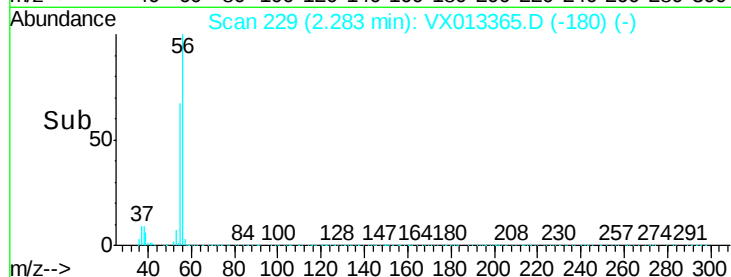
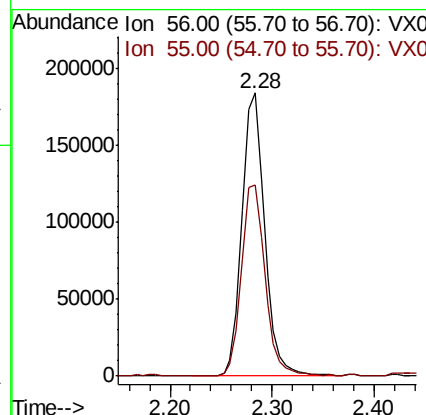
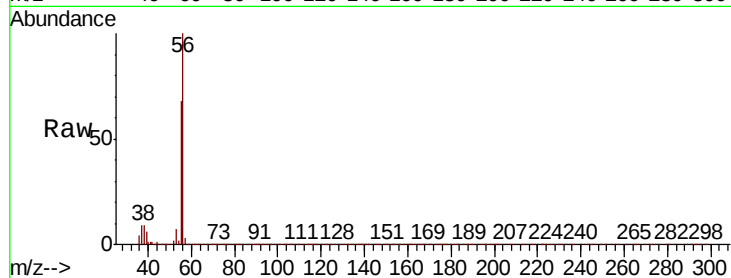
#13
Acrolein
Concen: 238.619 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	57.4	86.0

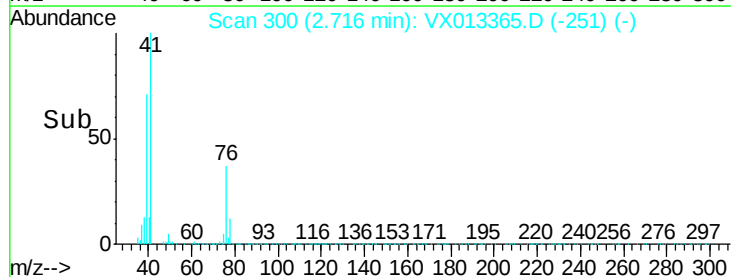
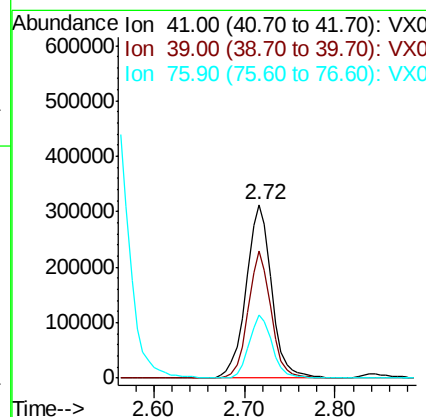
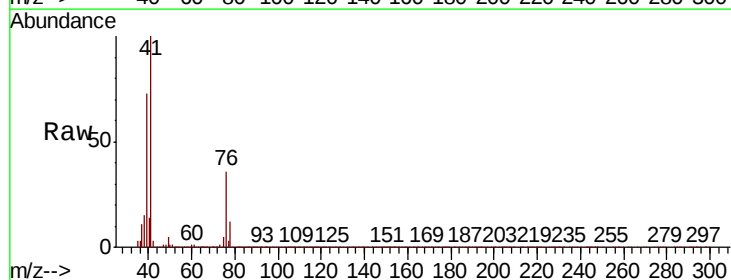
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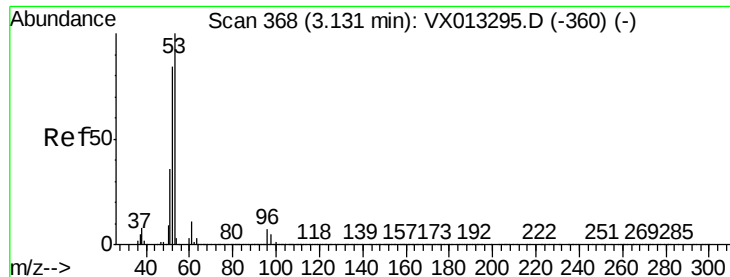
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#14
Allyl chloride
Concen: 51.871 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	55.8	83.8
76	32.6	26.4	39.6





#15

Acrylonitrile

Concen: 254.094 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1035770

Ion Ratio Lower Upper

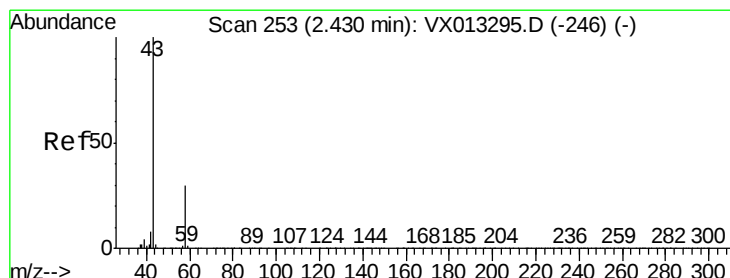
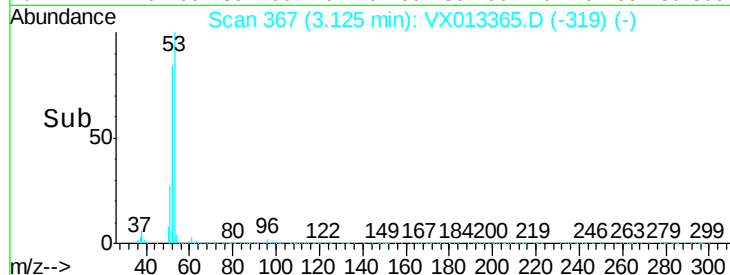
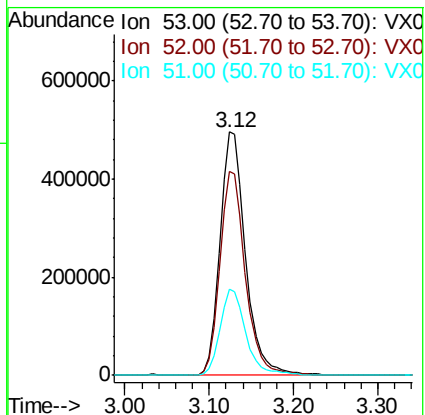
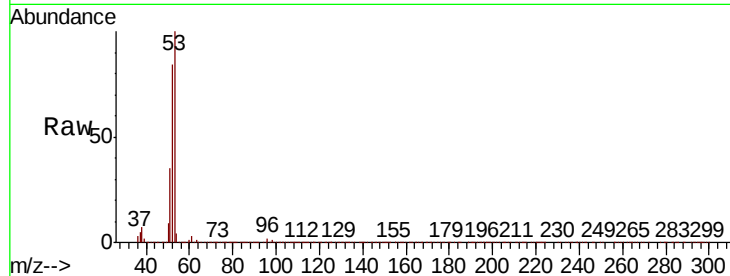
53 100

52 83.5 67.4 101.0

51 35.7 29.4 44.2

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#16

Acetone

Concen: 245.211 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013365.D

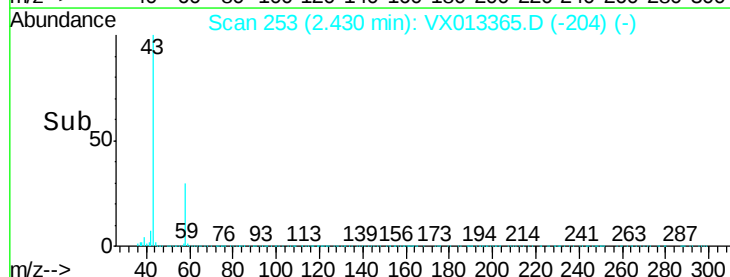
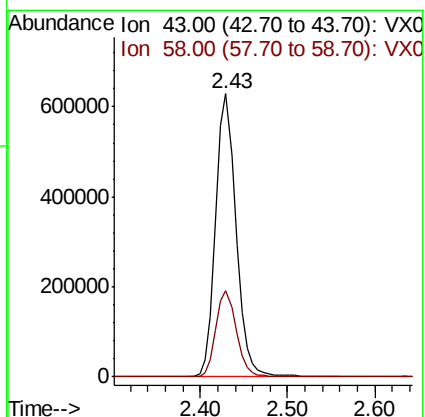
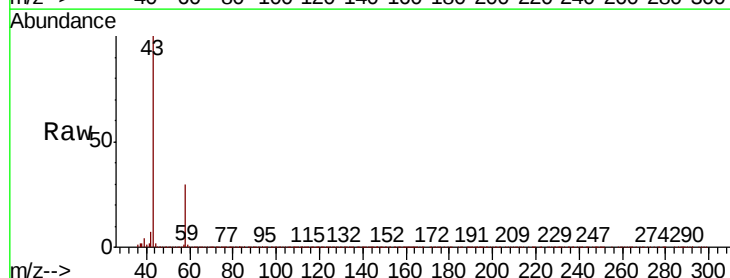
Acq: 08 Nov 2019 18:11

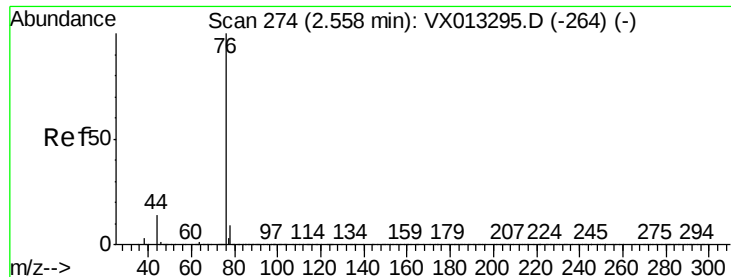
Tgt Ion: 43 Resp: 1012651

Ion Ratio Lower Upper

43 100

58 30.3 24.3 36.5





#17

Carbon Disulfide

Concen: 48.122 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 825686

Ion Ratio Lower Upper

76 100

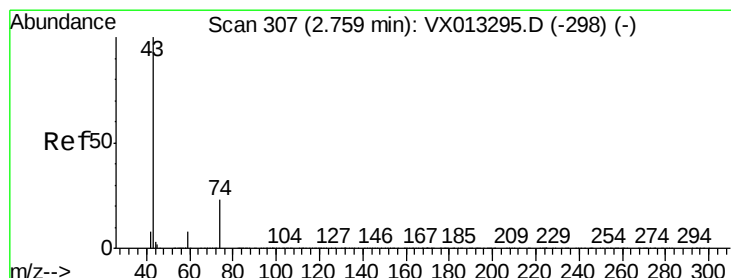
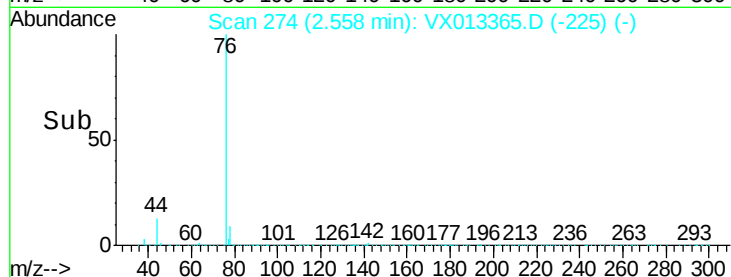
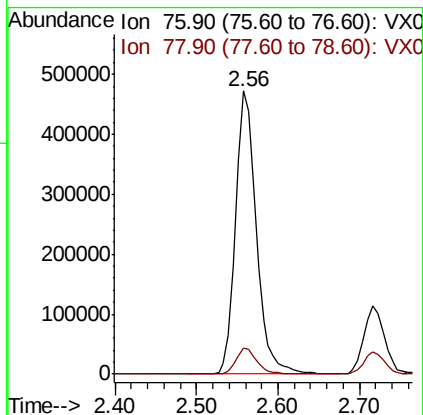
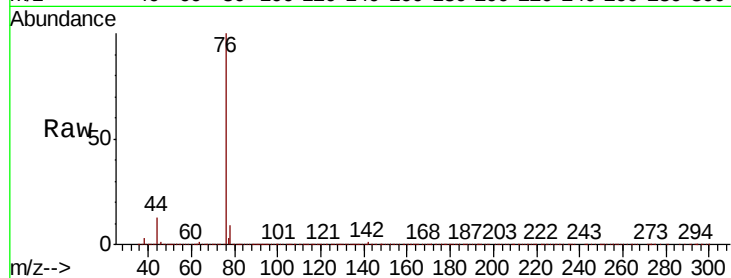
78 9.1 7.0 10.6

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#18

Methyl Acetate

Concen: 51.936 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013365.D

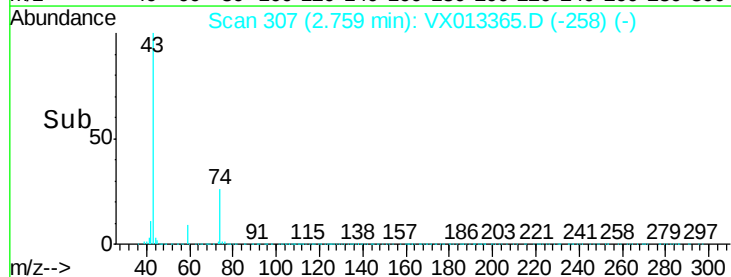
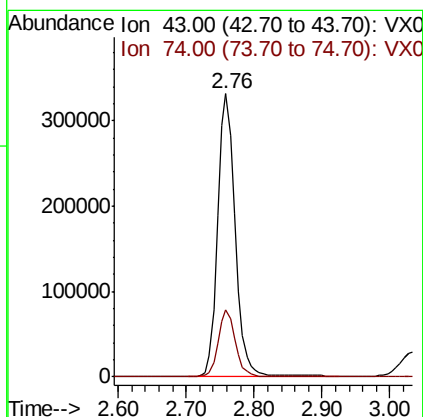
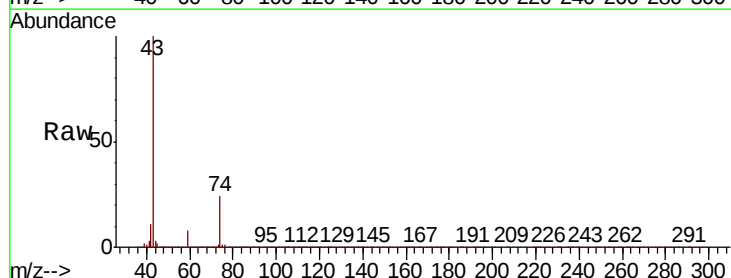
Acq: 08 Nov 2019 18:11

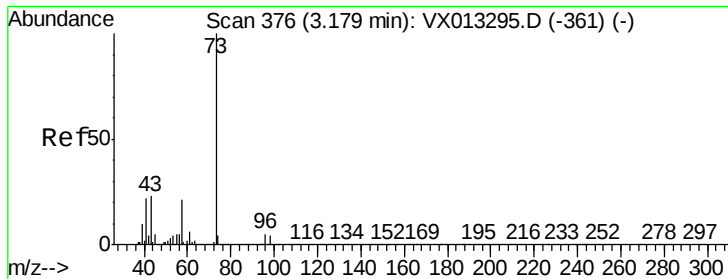
Tgt Ion: 43 Resp: 592136

Ion Ratio Lower Upper

43 100

74 23.0 19.0 28.6





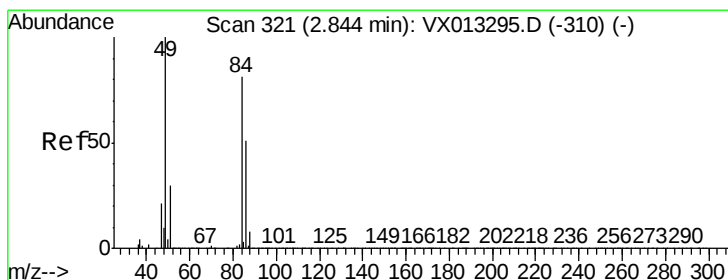
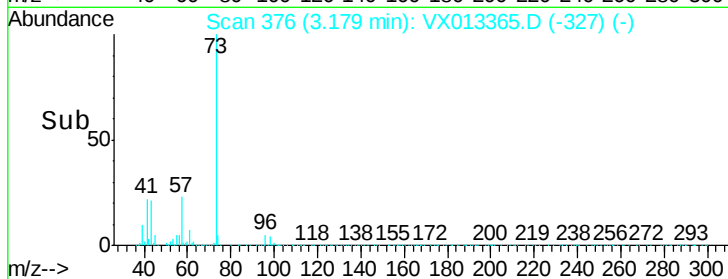
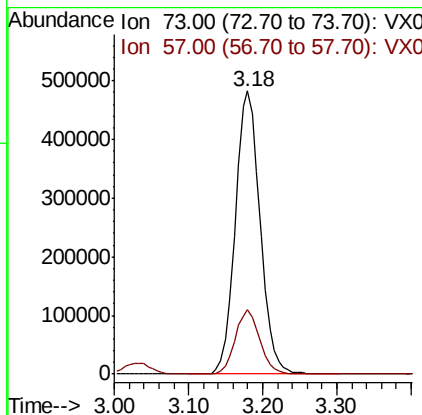
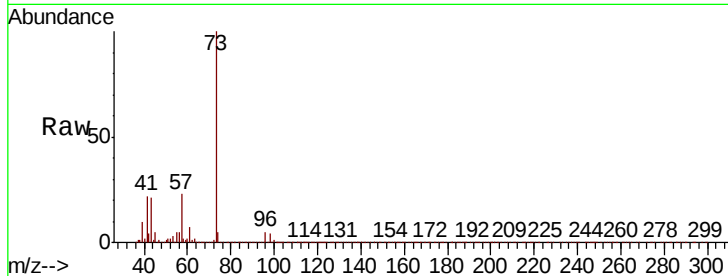
#19
Methvl tert-butvl Ether
Concen: 52.639 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1125505
Ion Ratio Lower Upper
73 100
57 22.9 17.1 25.7

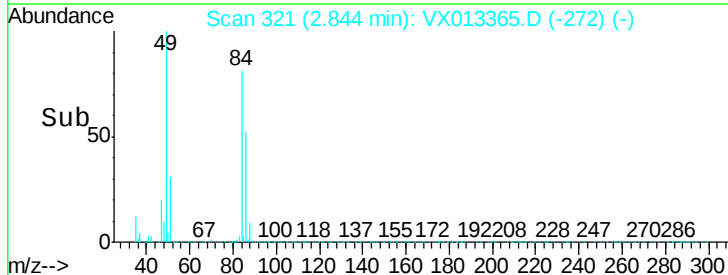
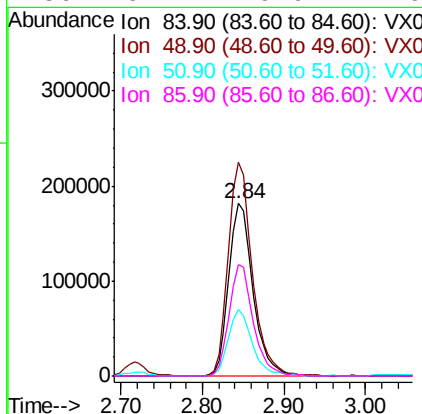
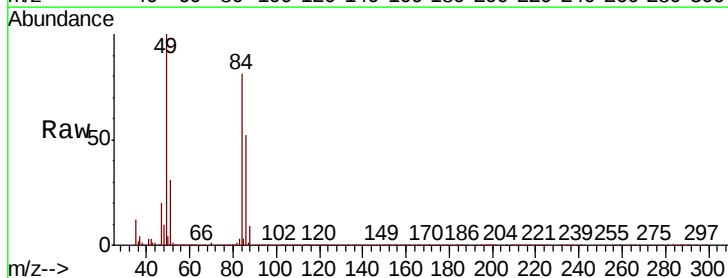
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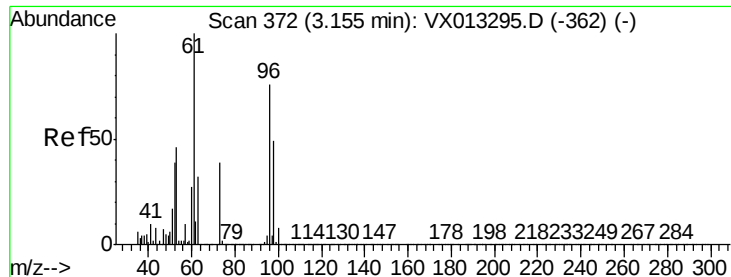
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#20
Methylene Chloride
Concen: 48.888 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 84 Resp: 373025
Ion Ratio Lower Upper
84 100
49 123.6 98.2 147.4
51 38.7 29.9 44.9
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.727 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

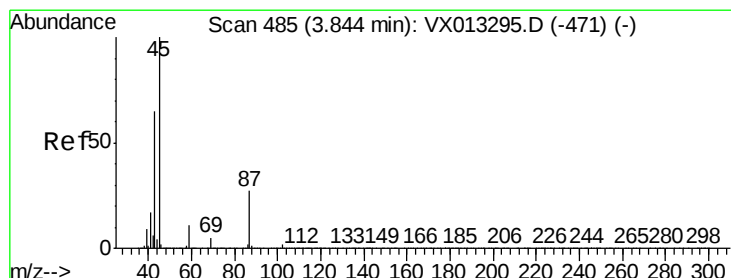
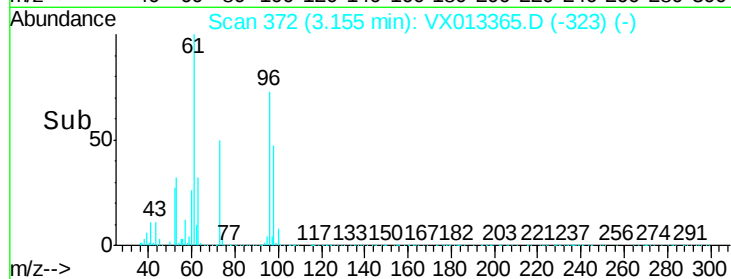
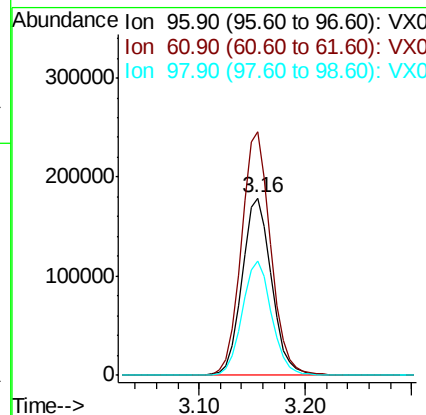
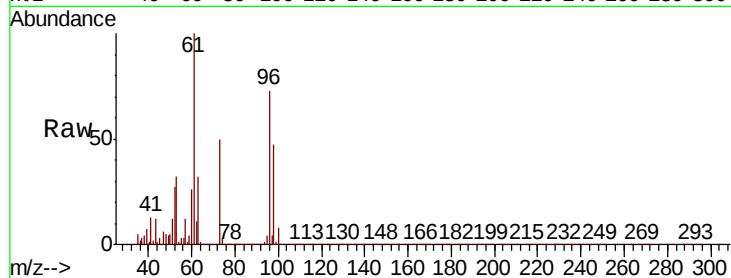
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	347090
Ion	Ratio	Lower	Upper
96	100		
61	137.0	105.8	158.6
98	64.0	51.8	77.6

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#22

Diisopropyl ether

Concen: 53.162 ug/l

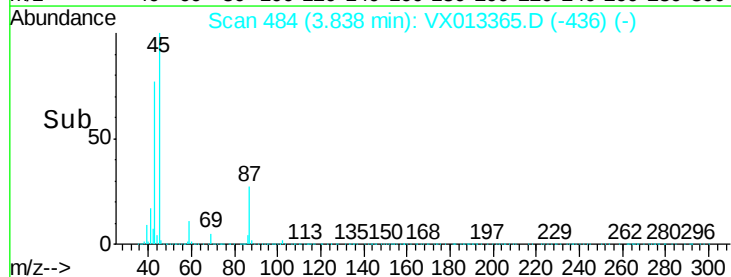
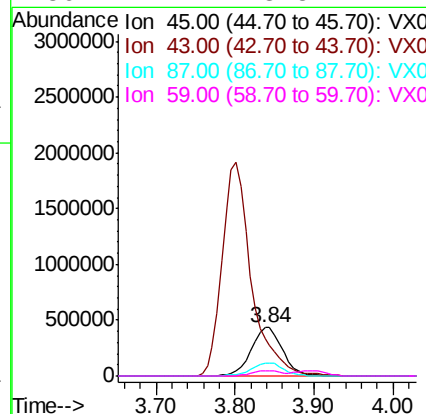
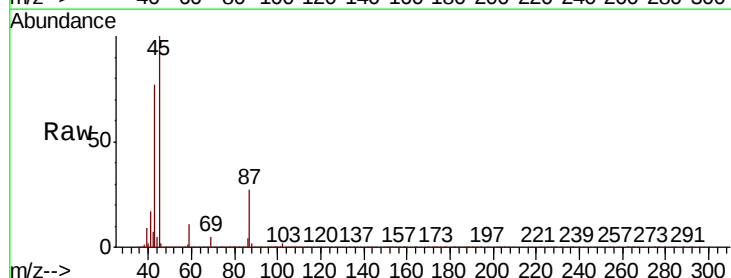
RT: 3.84 min Scan# 484

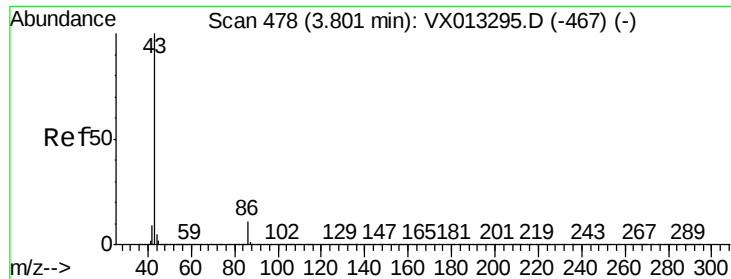
Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion:	45	Resp:	1195487
Ion	Ratio	Lower	Upper
45	100		
43	76.5	54.2	81.2
87	26.6	21.8	32.8
59	11.1	8.5	12.7





#23

Vinyl Acetate

Concen: 258.437 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4972966

Ion Ratio Lower Upper

43 100

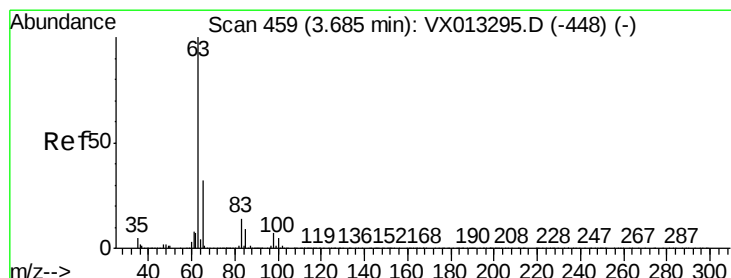
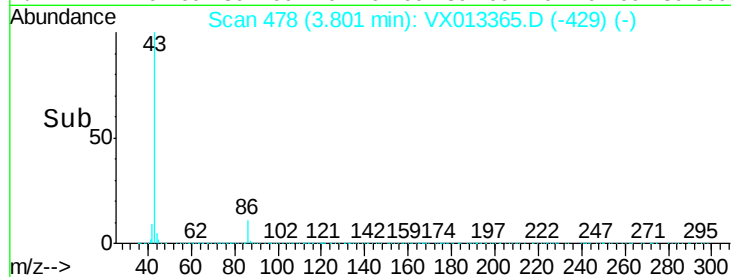
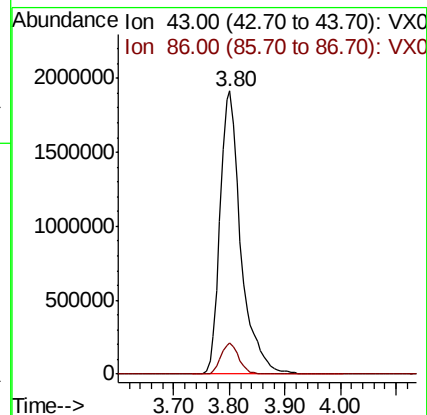
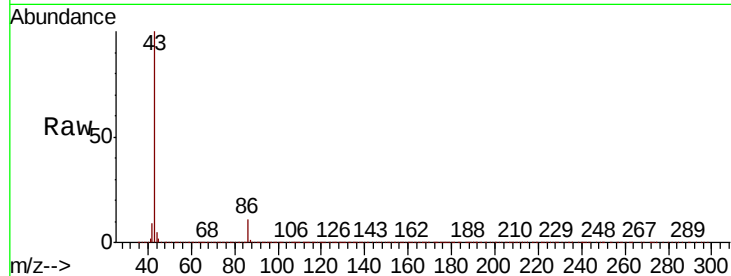
86 10.9 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 51.883 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

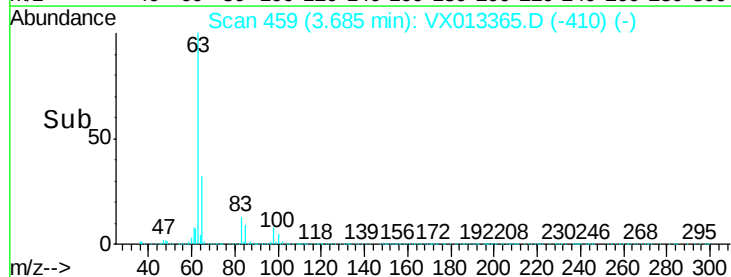
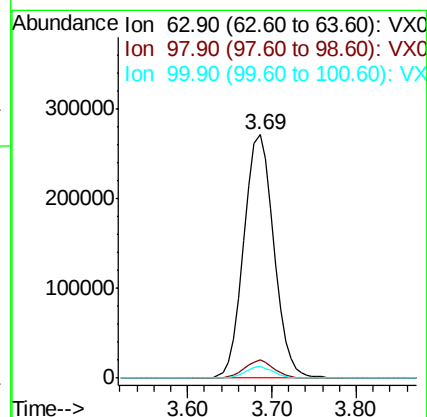
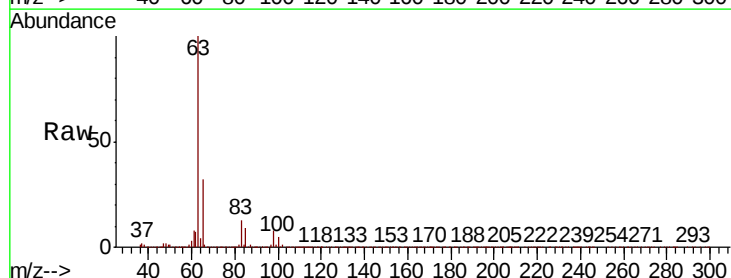
Tgt Ion: 63 Resp: 652672

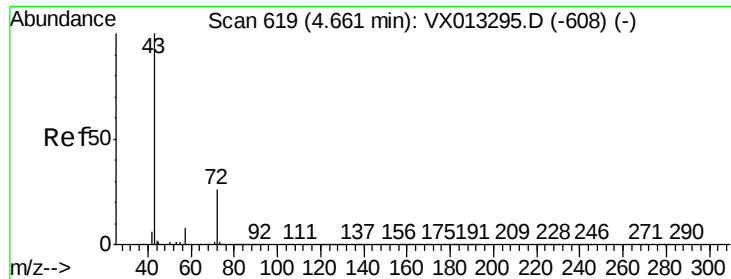
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 248.145 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tot Ion: 43 Resp: 1503352

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

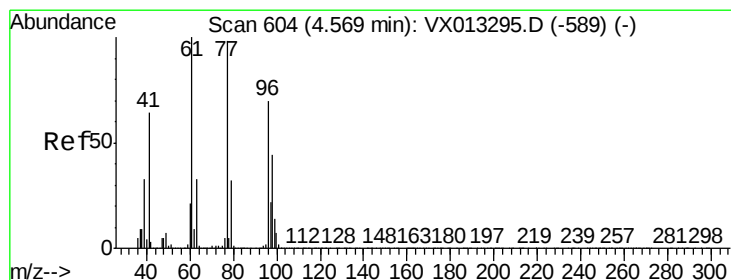
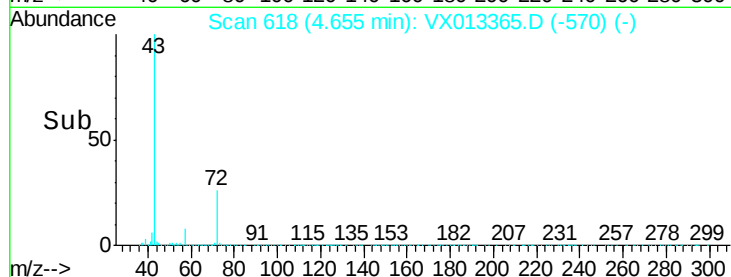
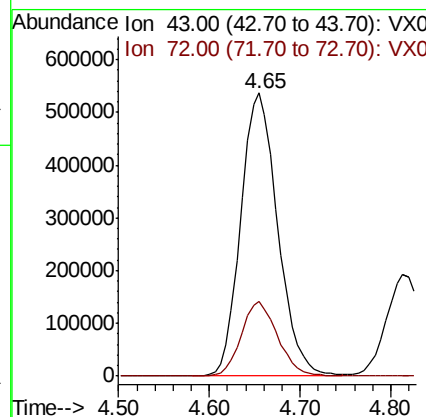
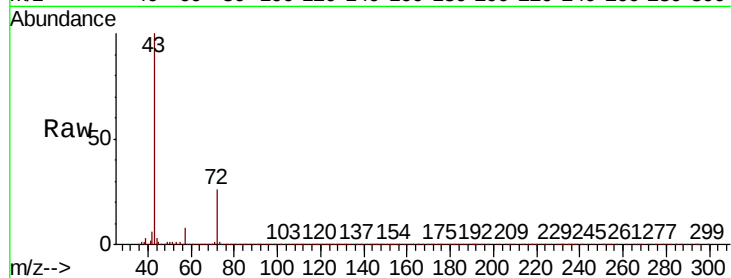
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.765 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013365.D

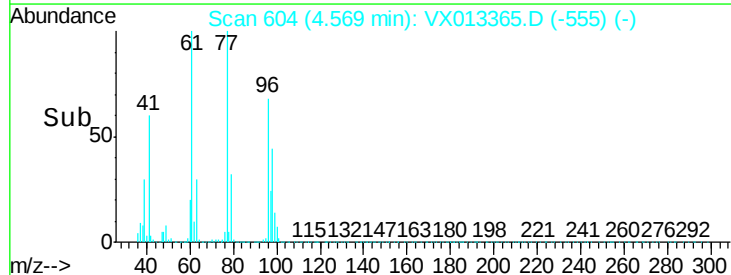
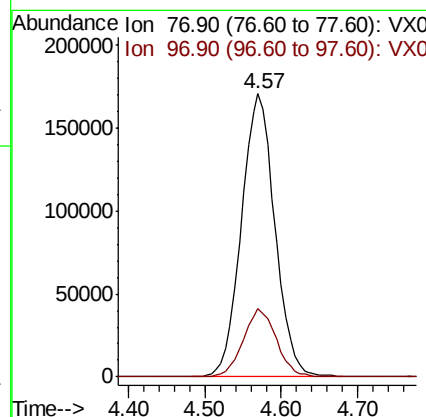
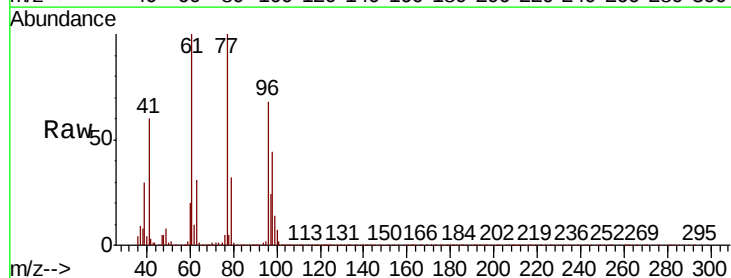
Acq: 08 Nov 2019 18:11

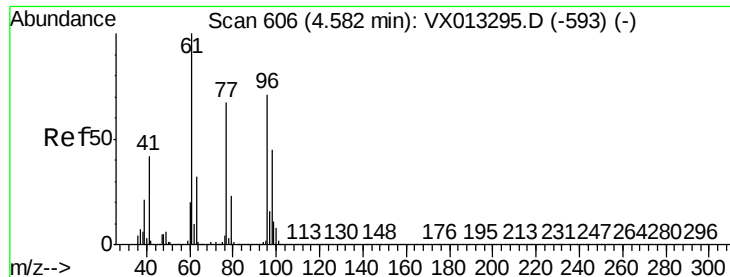
Tgt Ion: 77 Resp: 518035

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.8





#27

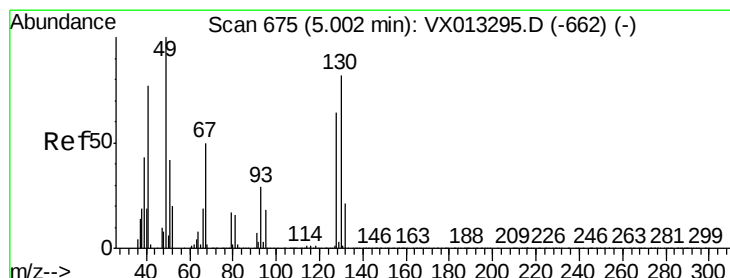
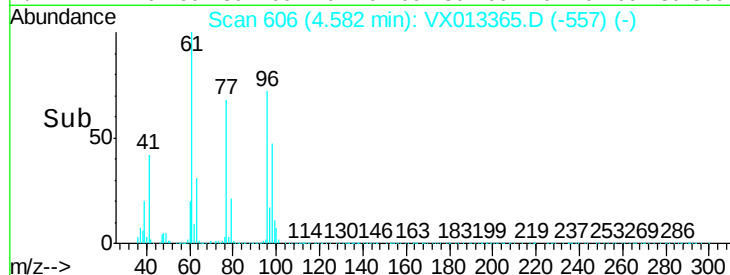
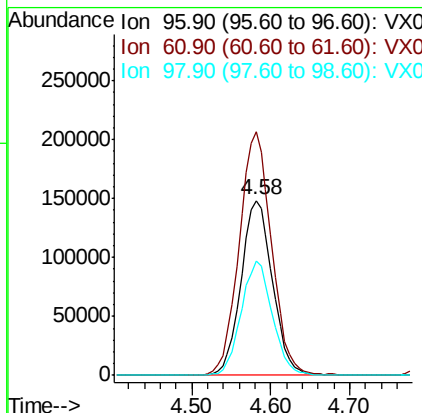
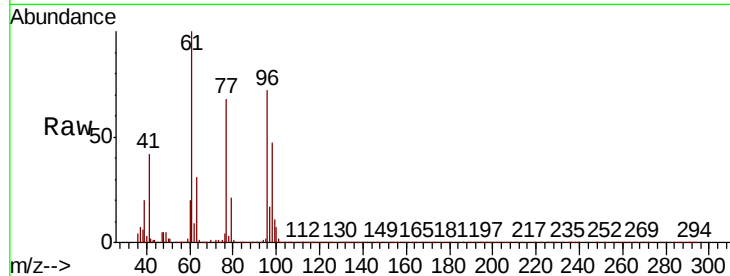
cis-1,2-Dichloroethene
Concen: 52.333 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	409197		
61	143.6	0.0	288.0	
98	65.2	0.0	129.6	

Manual Integrations
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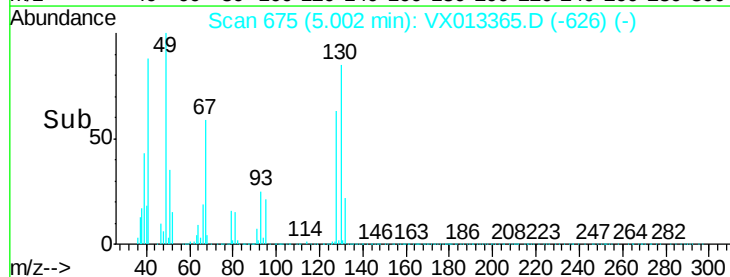
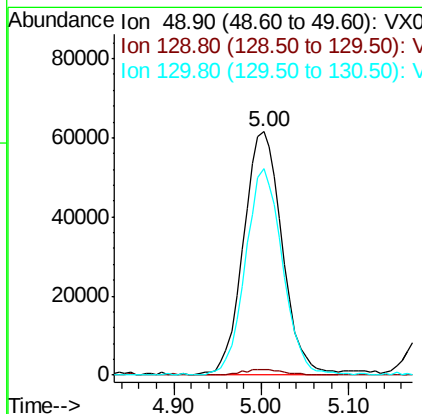
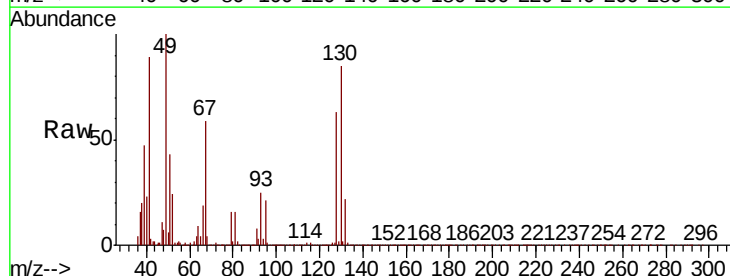
MMDadoda
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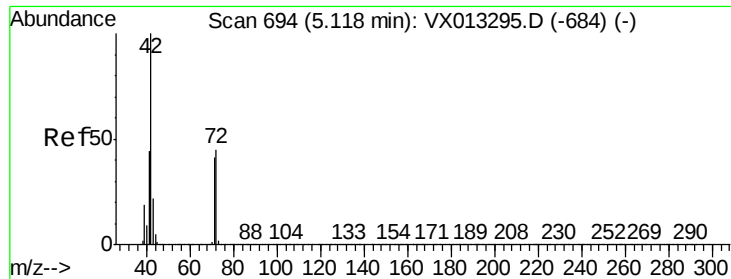


#28

Bromochloromethane
Concen: 52.512 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	187560		
129	2.5	0.0	5.2	
130	81.8	63.8	95.6	





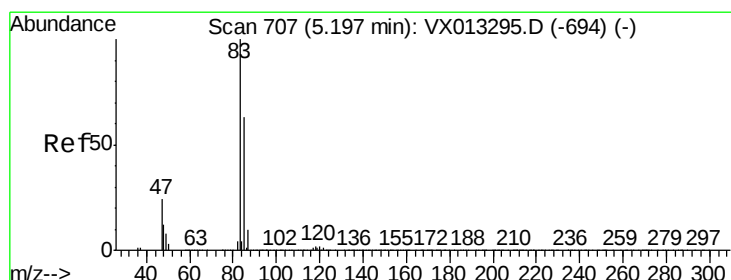
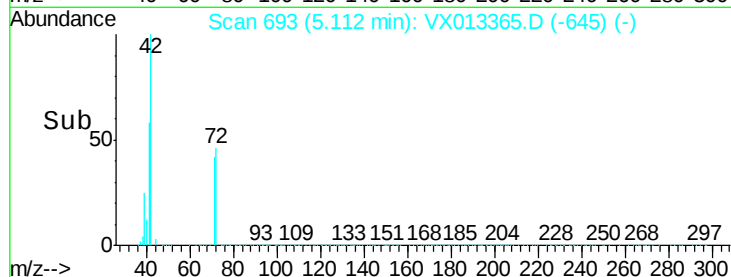
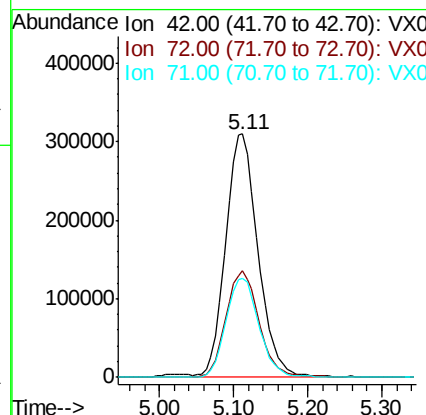
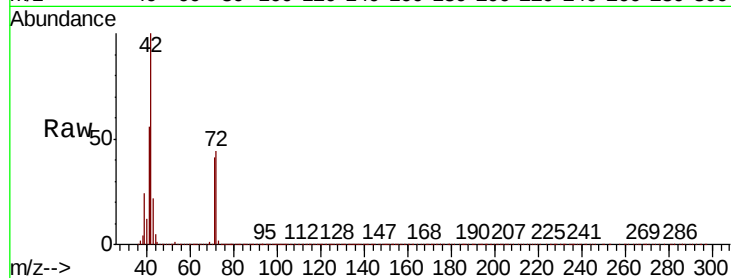
#29
Tetrahydrofuran
Concen: 250.074 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.8	53.8
71	41.8	33.4	50.0

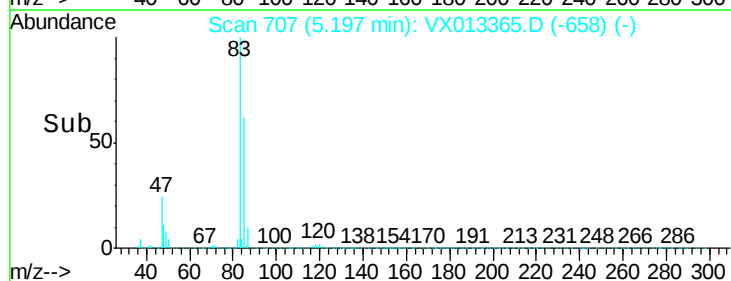
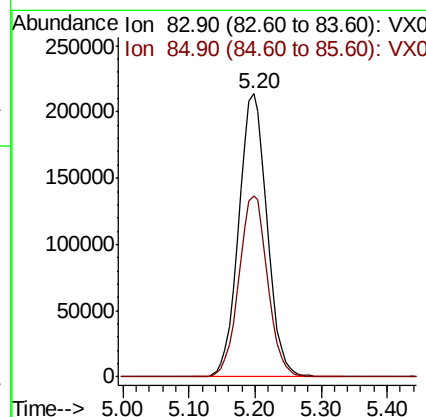
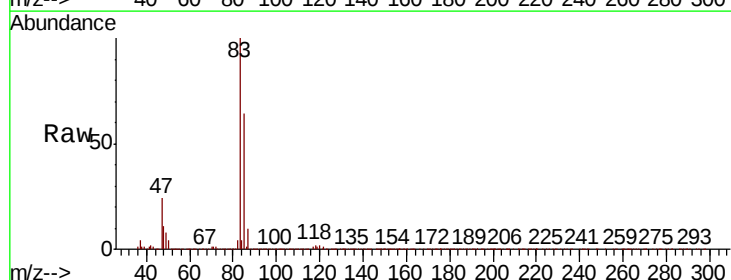
Manual Integrations
APPROVED

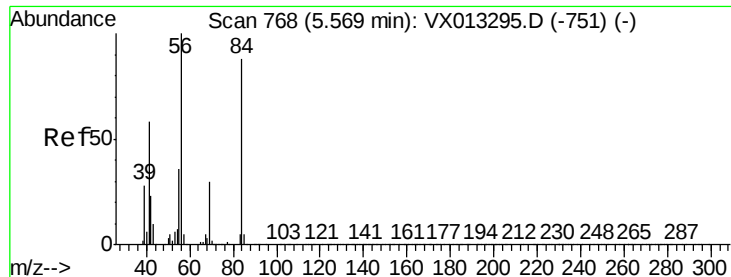
MMDadoda
11/11/2019 3:34:24 PM



#30
Chloroform
Concen: 50.962 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.2	75.4





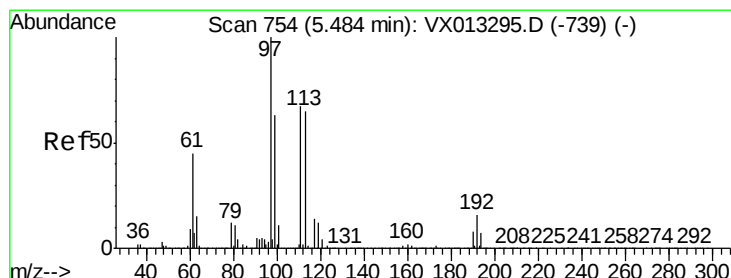
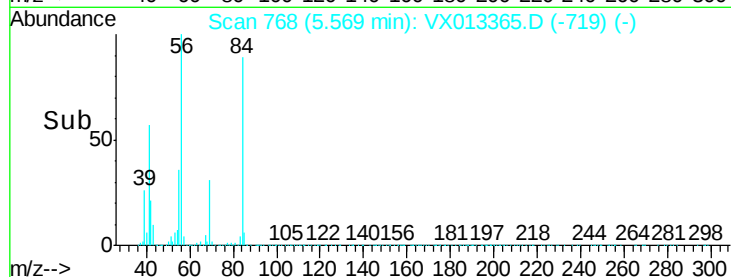
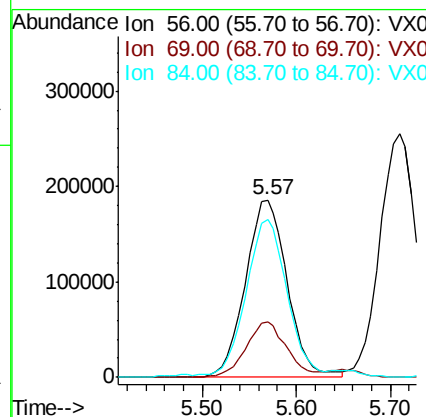
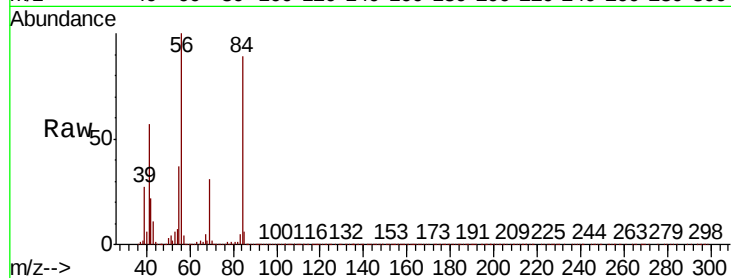
#31
Cyclohexane
Concen: 50.825 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.7	35.5
84	87.7	70.6	105.8

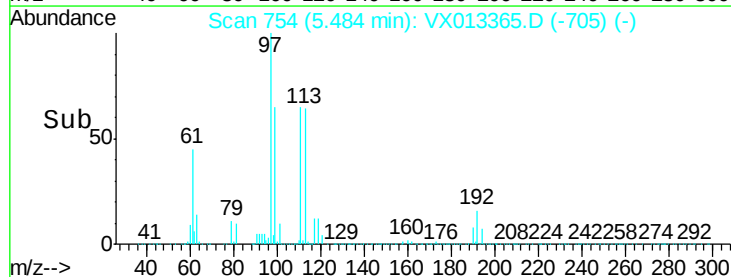
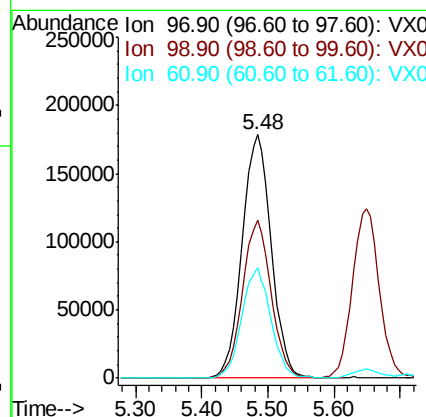
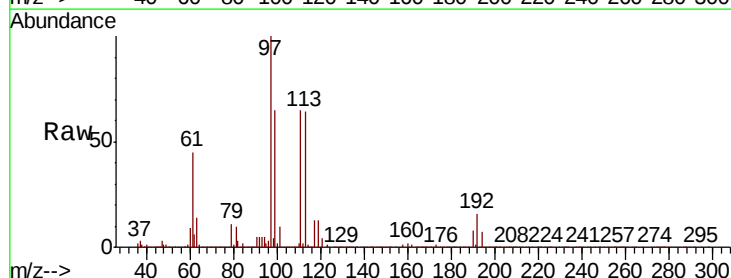
Manual Integrations
APPROVED

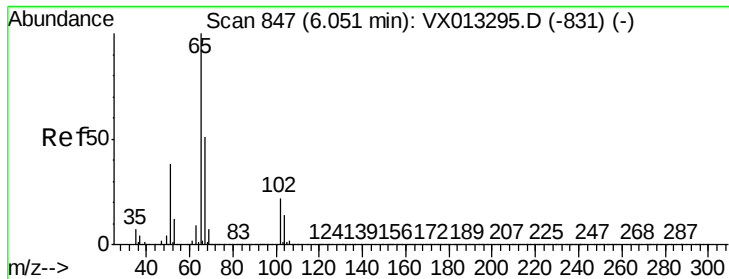
MMDadoda
11/11/2019 3:34:24 PM



#32
1,1,1-Trichloroethane
Concen: 50.908 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.1	76.7
61	44.7	36.5	54.7





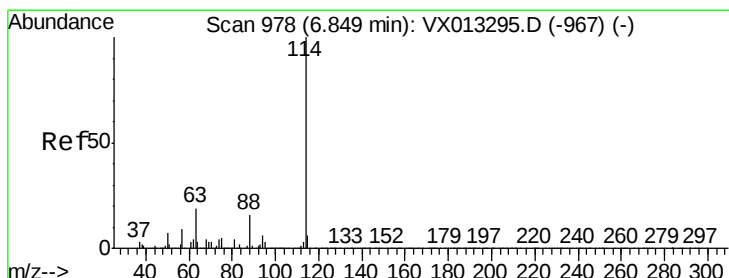
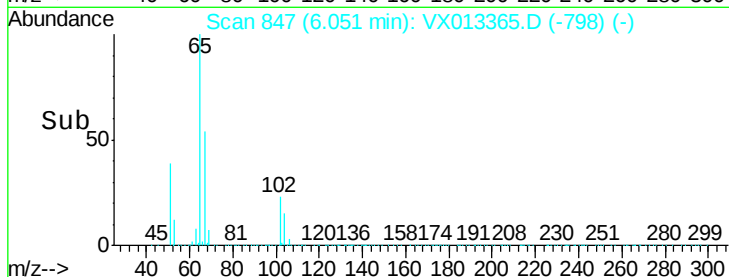
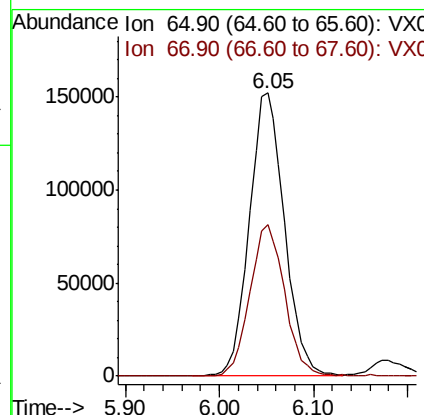
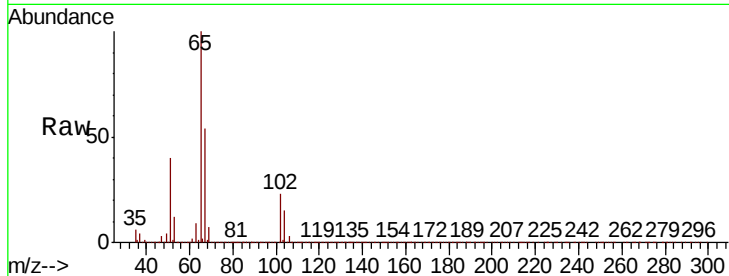
#33
 1,2-Dichloroethane-d4
 Concen: 47.833 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.2

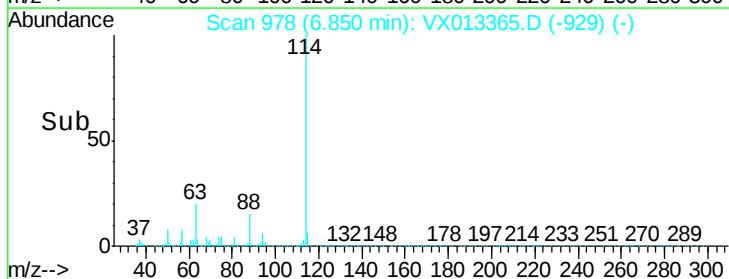
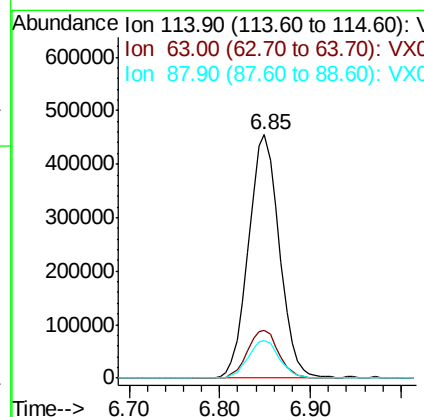
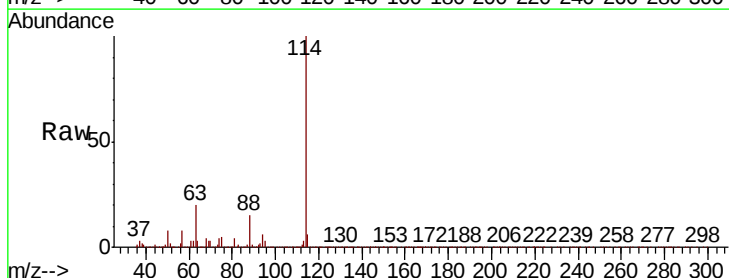
Manual Integrations
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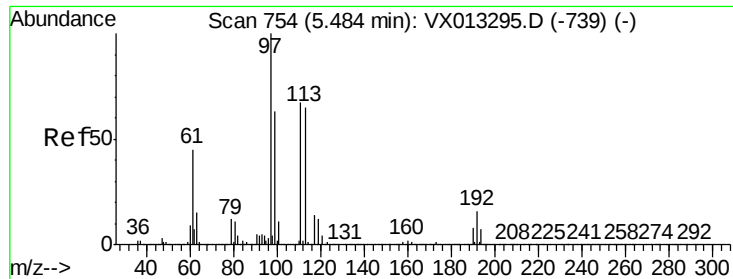
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 11/11/2019 3:34:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.3	0.0	32.2





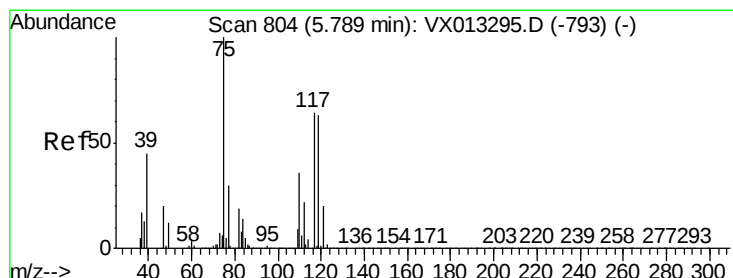
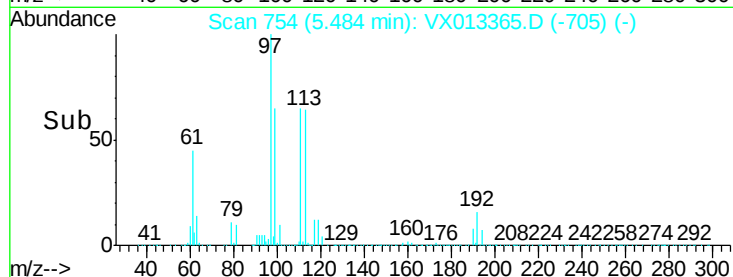
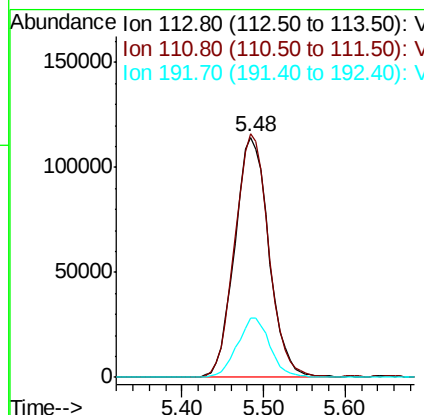
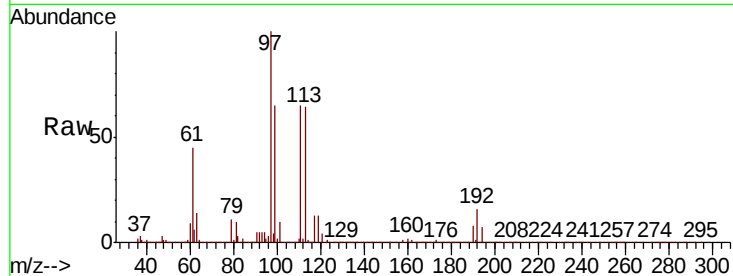
#35
 Dibromofluoromethane
 Concen: 49.009 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	329994		
111	100.6	81.9	122.9	
192	24.1	19.1	28.7	

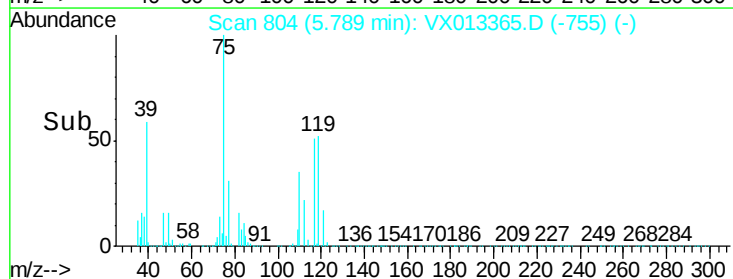
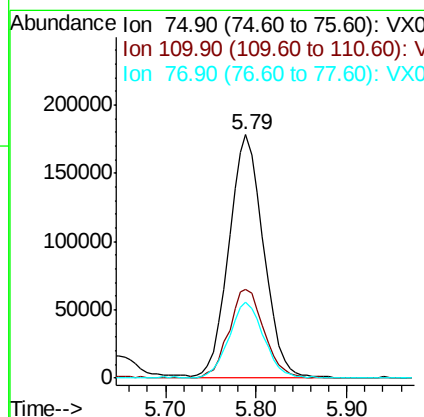
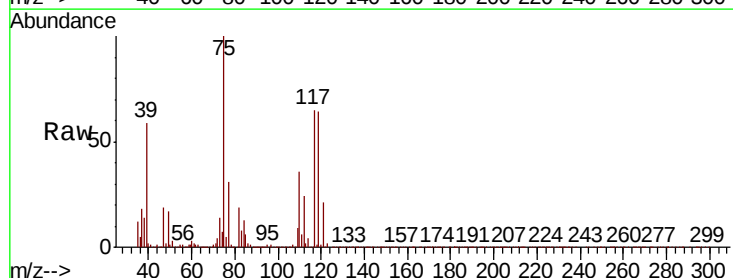
Manual Integrations
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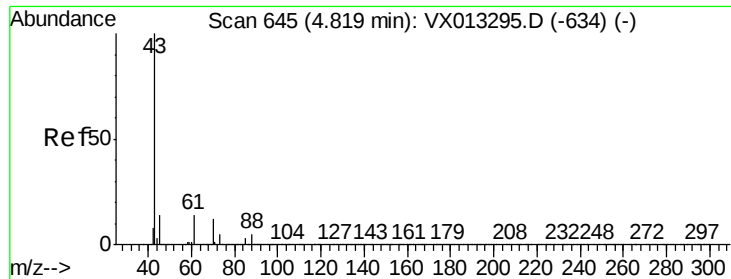
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 11/11/2019 3:34:24 PM



#36
 1,1-Dichloropropene
 Concen: 51.200 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	471529		
110	37.3	18.1	54.1	
77	31.2	25.0	37.4	





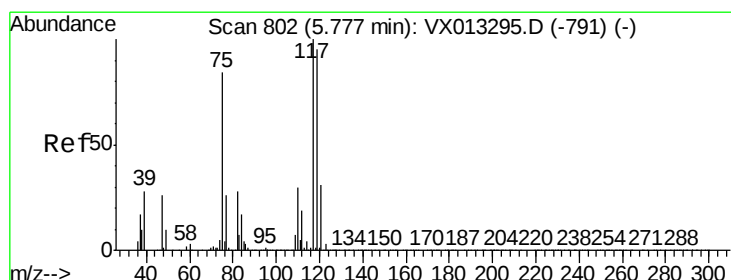
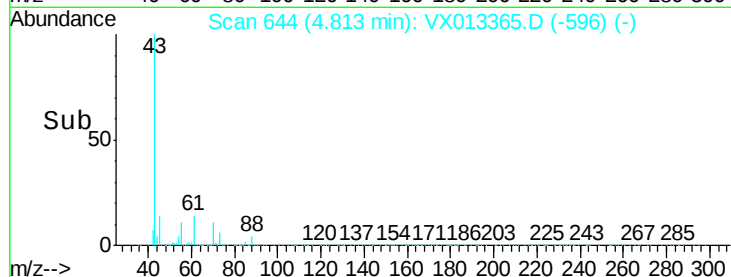
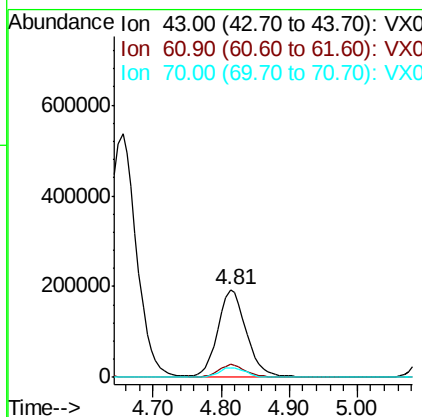
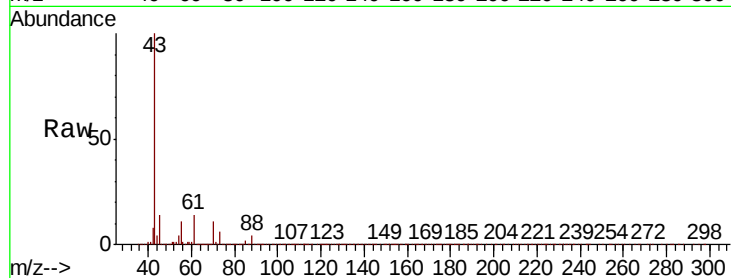
#37
Ethyl Acetate
Concen: 49.149 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	559314
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	11.0	8.7	13.1

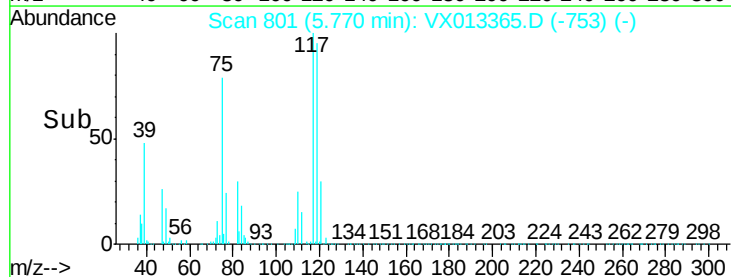
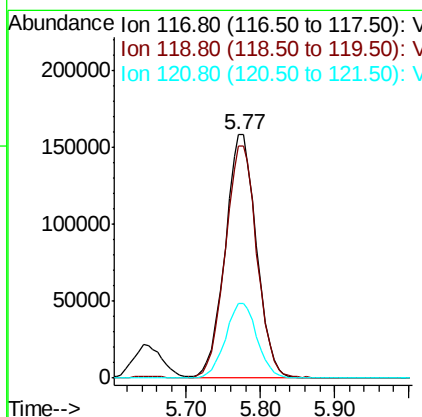
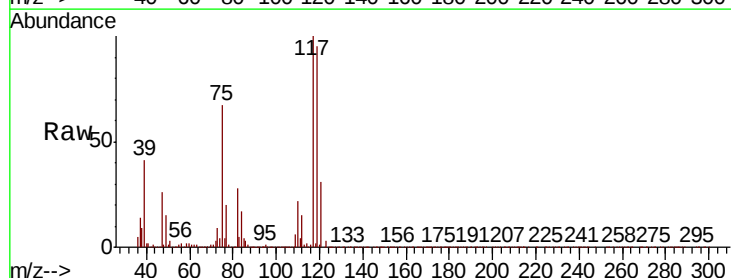
Manual Integrations
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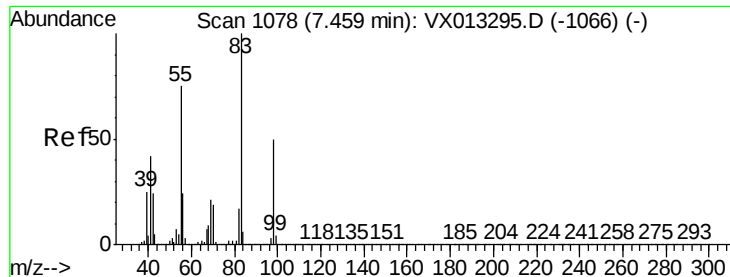
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11/11/2019 3:34:24 PM



#38
Carbon Tetrachloride
Concen: 51.539 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion:	117	Resp:	464151
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.1	114.1
121	30.4	24.6	37.0





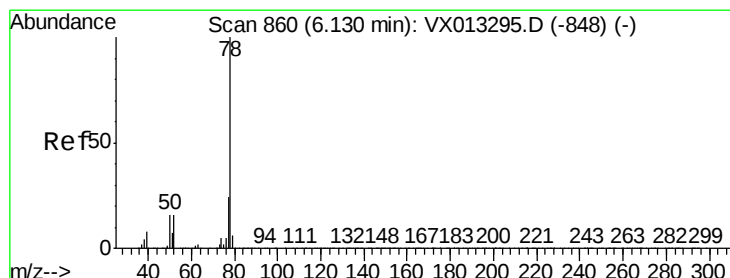
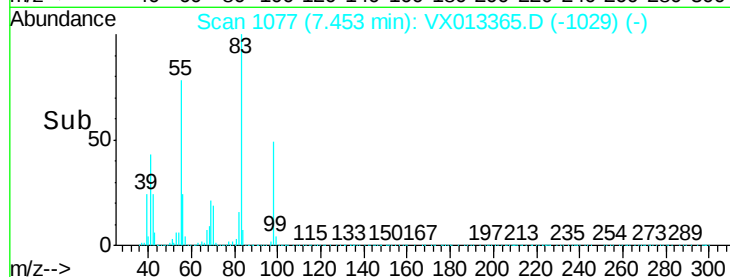
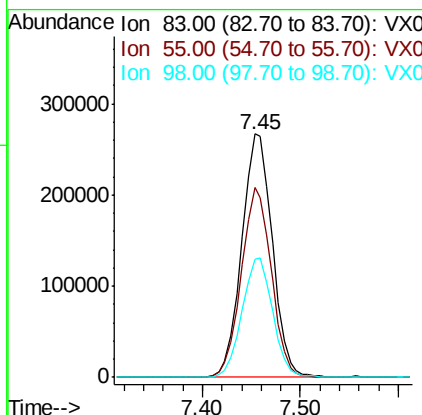
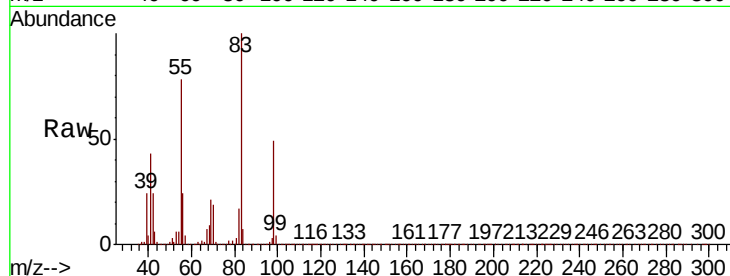
#39
Methvlcvclohexane
Concen: 50.400 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.3	90.5
98	48.7	40.3	60.5

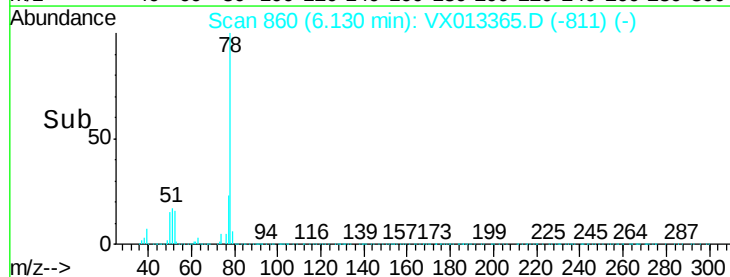
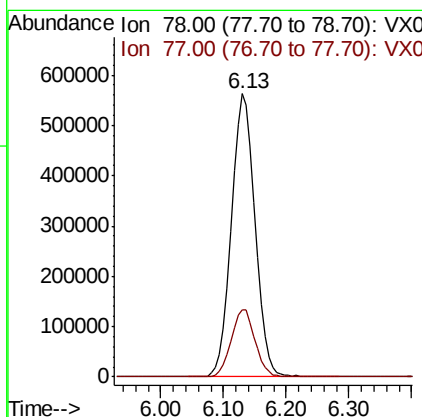
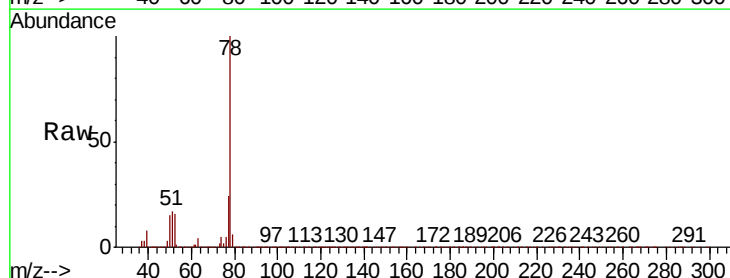
Manual Integrations
APPROVED

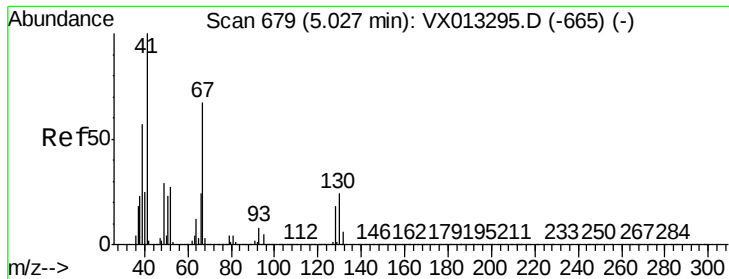
MMDadoda
11/11/2019 3:34:24 PM



#40
Benzene
Concen: 51.227 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





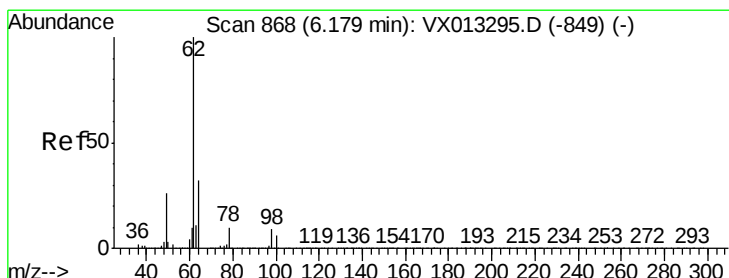
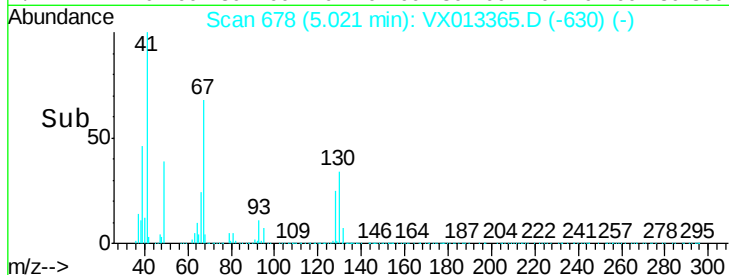
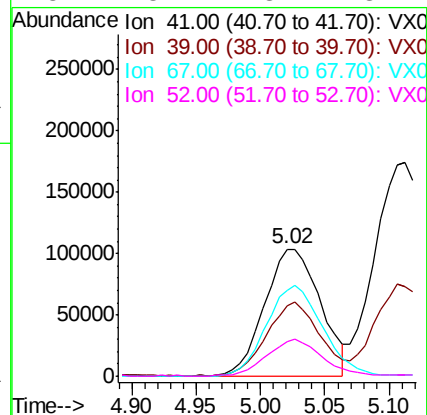
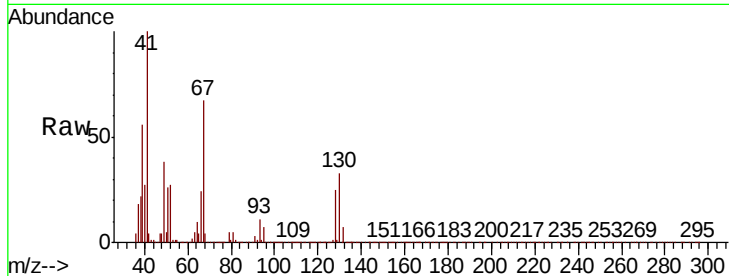
#41
Methacrylonitrile
Concen: 49.121 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
313316	41	100		
	39	56.8	45.0	67.6
	67	71.8	55.4	83.2
	52	28.2	23.1	34.7

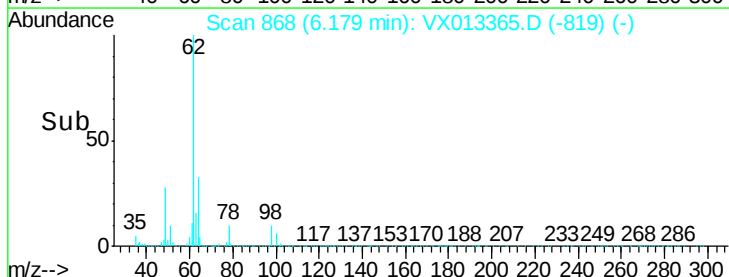
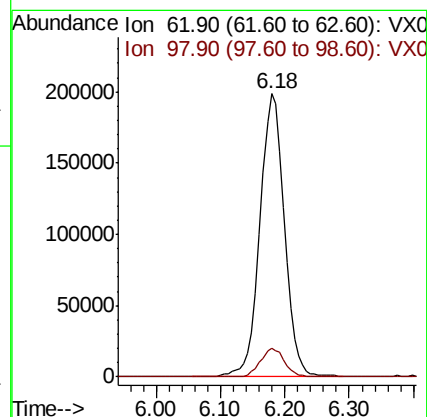
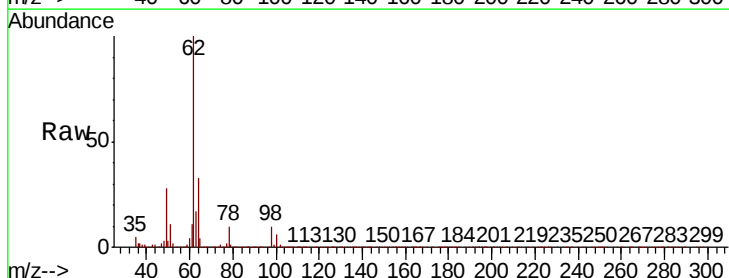
Manual Integrations
APPROVED

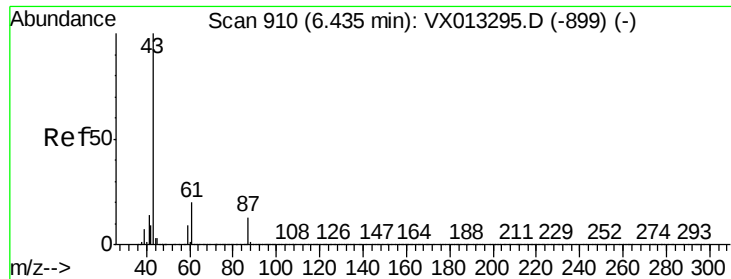
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11/11/2019 3:34:24 PM



#42
1,2-Dichloroethane
Concen: 50.151 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ion	Ratio	Lower	Upper
518946	62	100		
	98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 51.504 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

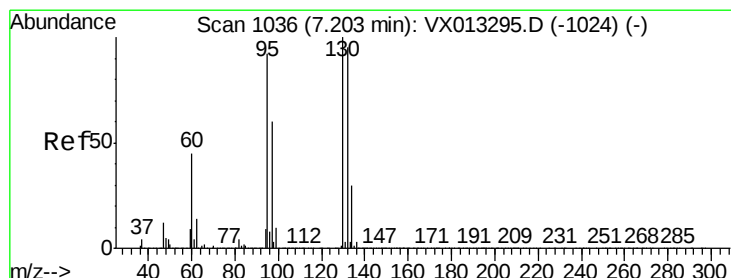
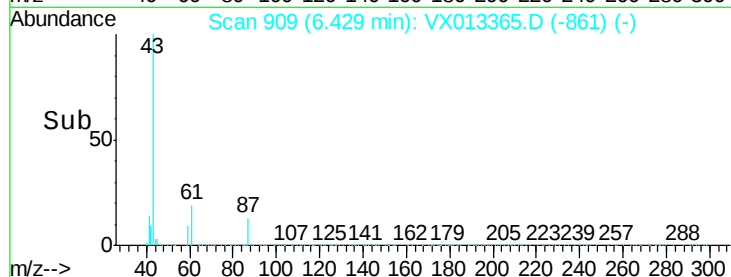
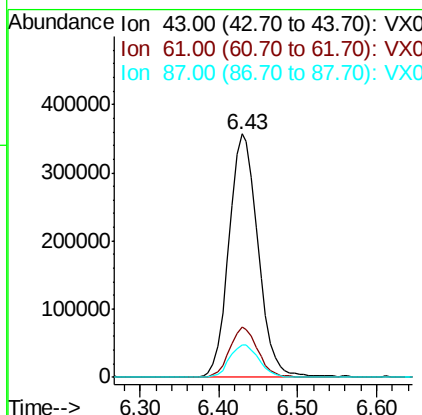
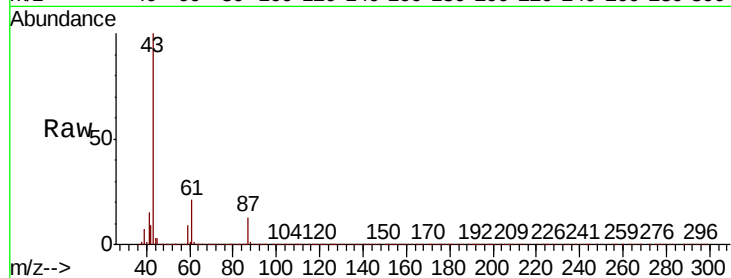
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	912676
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.8
87	13.4	10.4	15.6

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#44

Trichloroethene

Concen: 49.817 ug/l

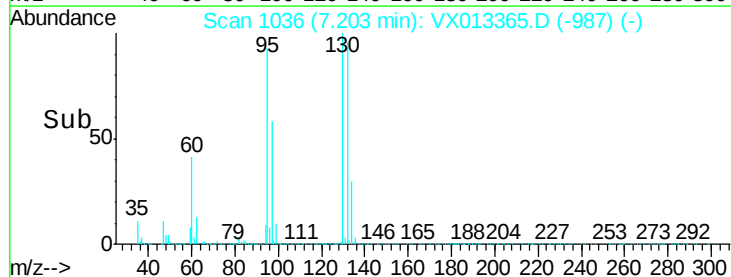
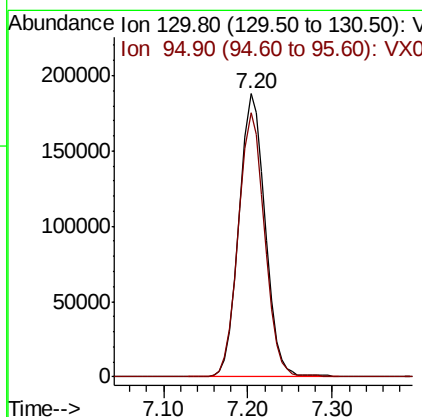
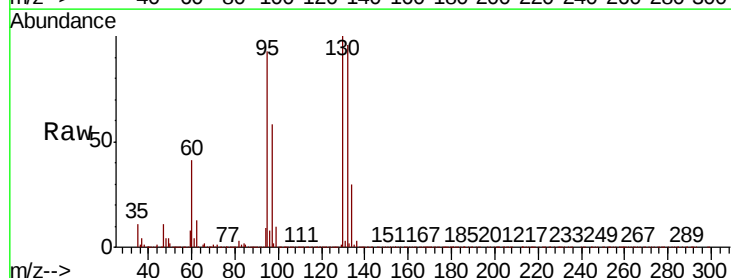
RT: 7.20 min Scan# 1036

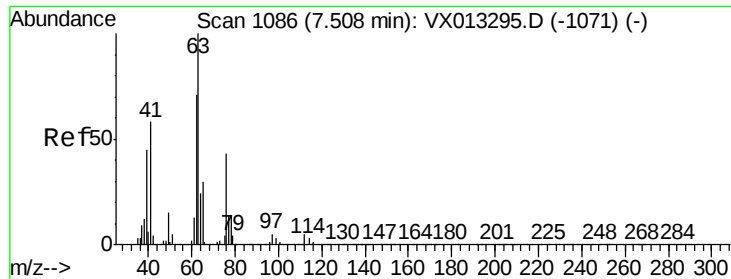
Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion:	130	Resp:	393387
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	184.8





#45

1,2-Dichloropropane

Concen: 52.196 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 381522

Ion Ratio Lower Upper

63 100

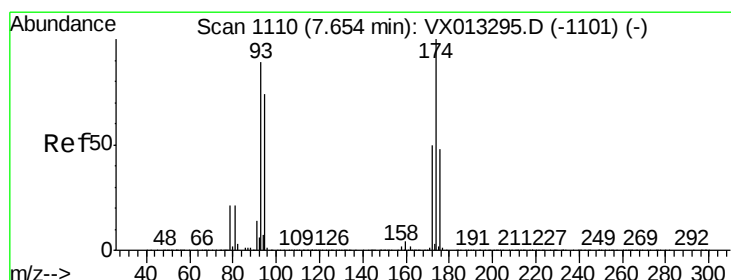
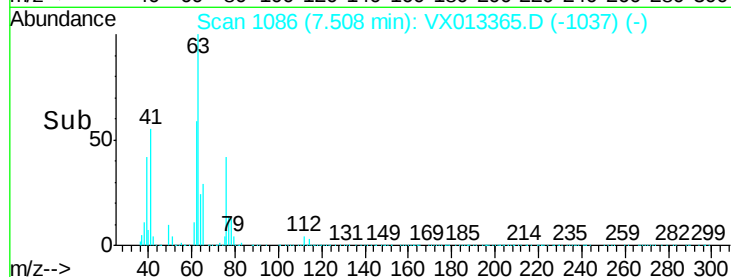
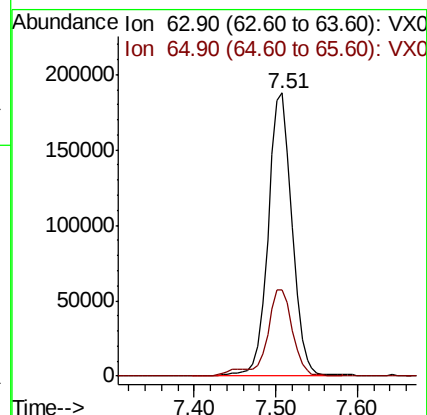
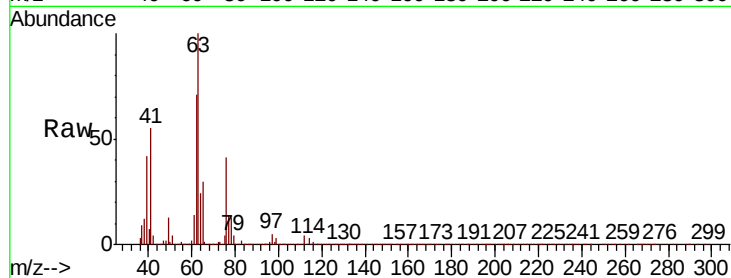
65 30.5 24.3 36.5

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#46

Dibromomethane

Concen: 50.010 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

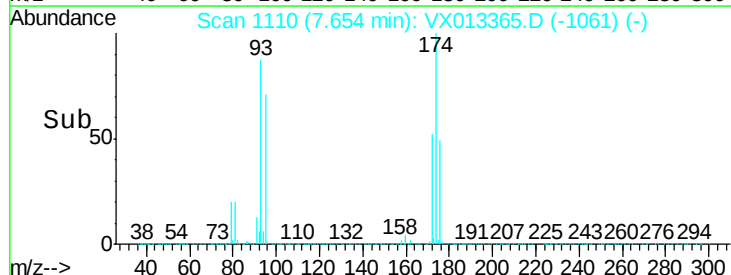
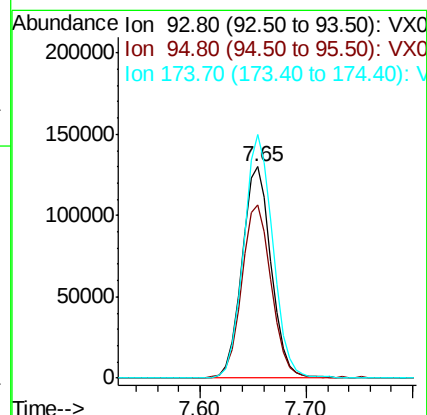
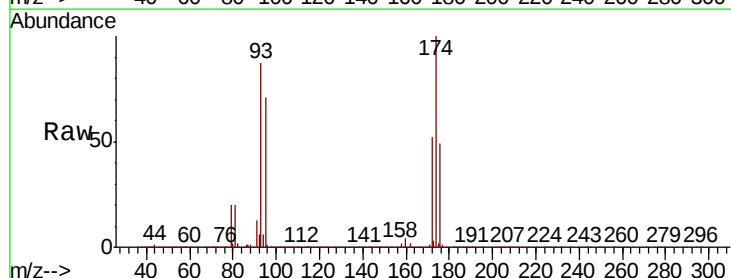
Tgt Ion: 93 Resp: 249586

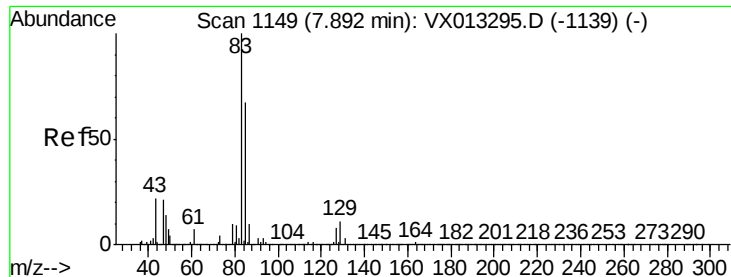
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

174 115.6 90.4 135.6





#47

Bromodichloromethane

Concen: 52.313 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

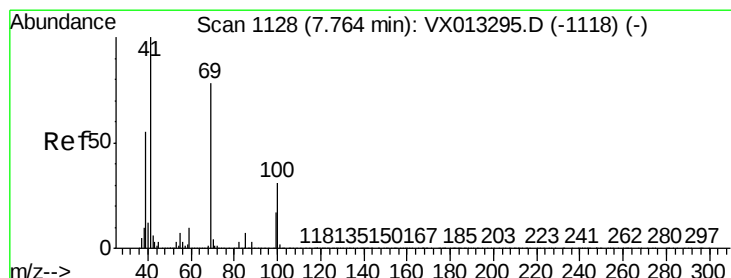
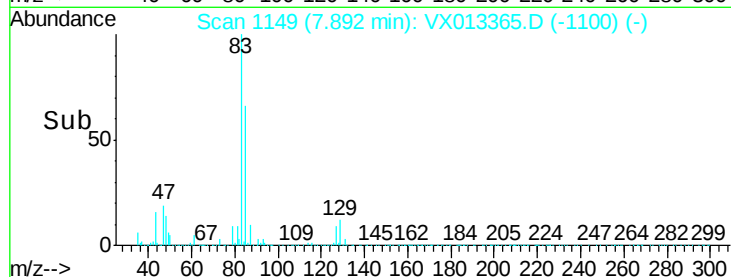
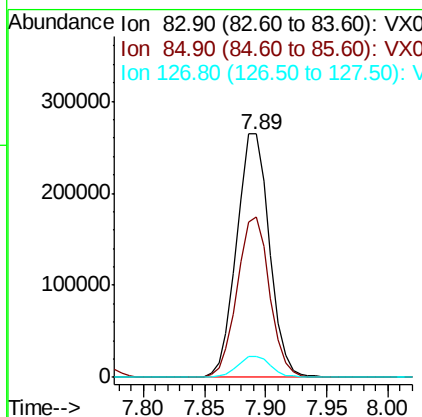
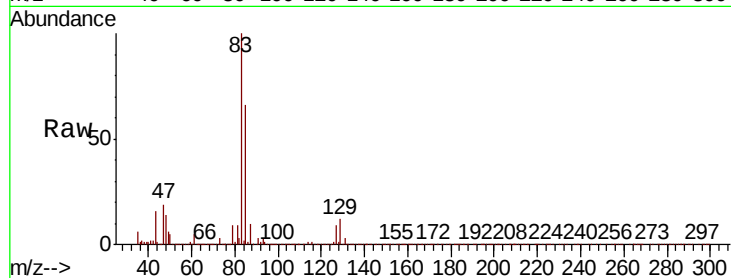
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	492316
Ion Ratio	Lower	Upper	
83	100		
85	65.9	53.7	80.5
127	8.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.107 ug/l

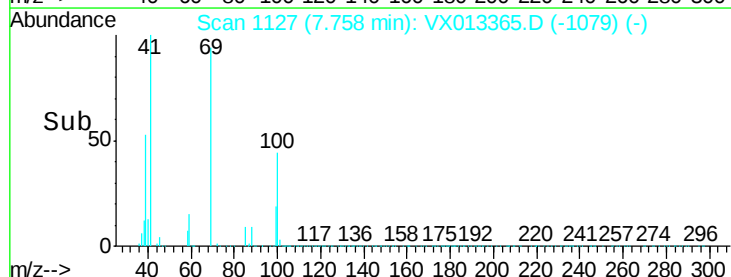
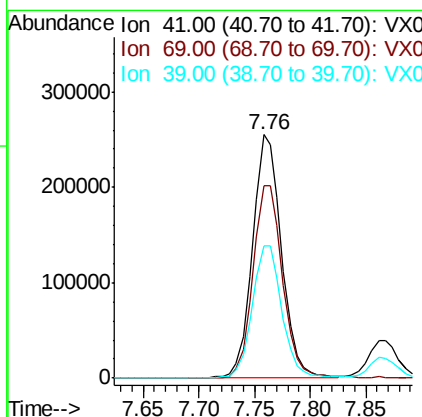
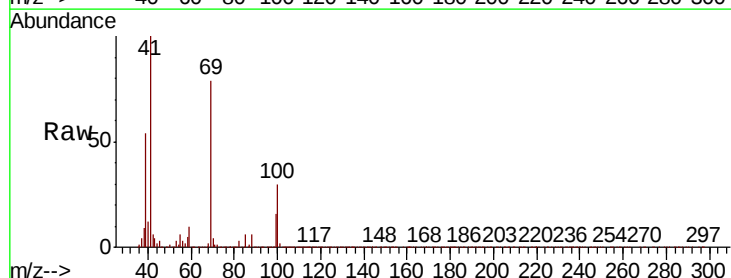
RT: 7.76 min Scan# 1127

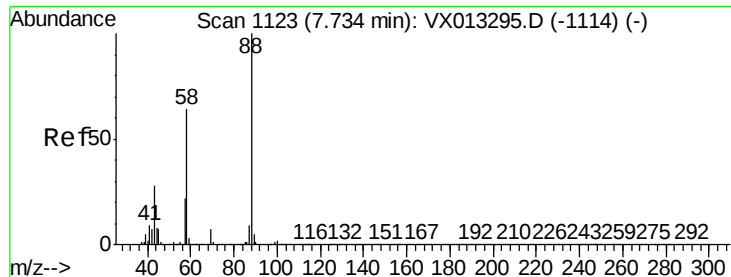
Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion	41	Resp	460918
Ion Ratio	Lower	Upper	
41	100		
69	81.0	63.0	94.6
39	55.3	45.9	68.9





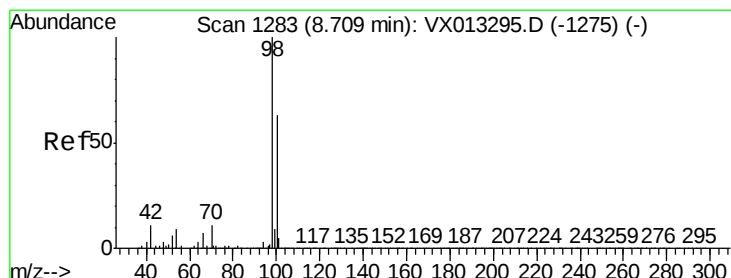
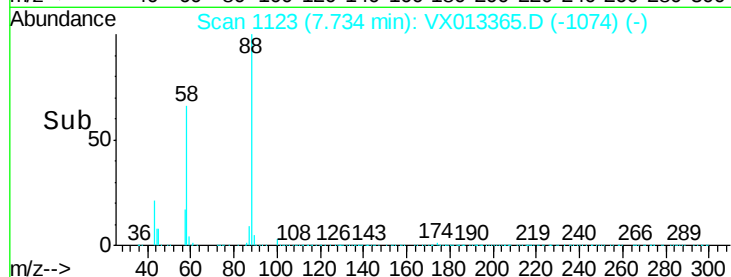
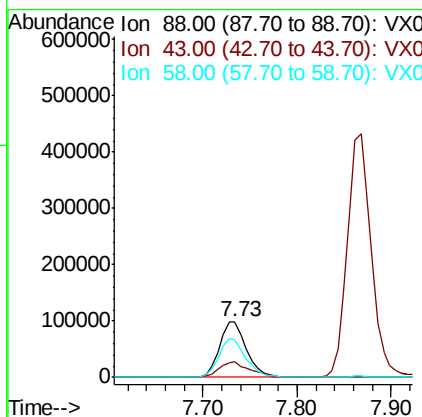
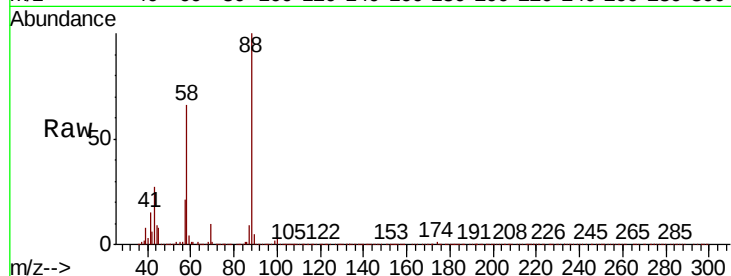
#49
1,4-Dioxane
Concen: 956.337 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.6	39.8
58	69.3	55.0	82.6

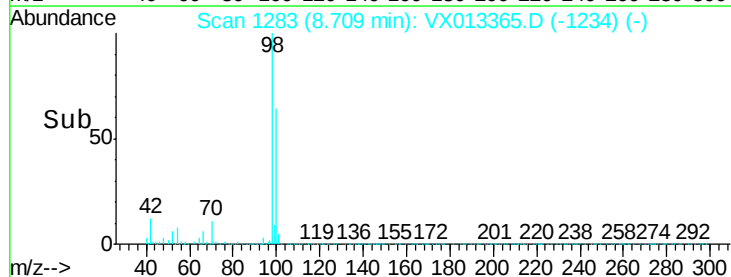
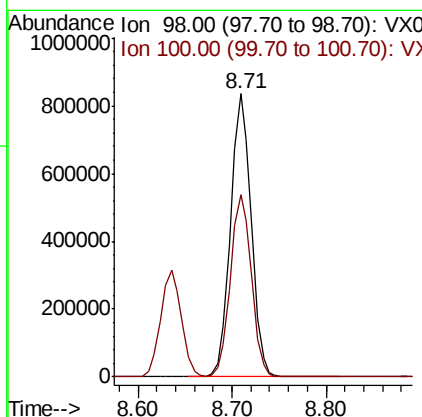
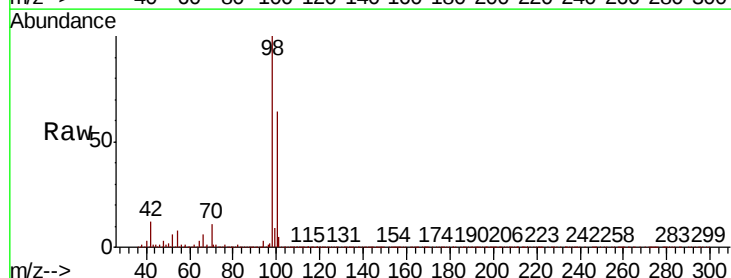
Manual Integrations
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#50
Toluene-d8
Concen: 49.776 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 249.765 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2903815

Ion Ratio Lower Upper

43 100

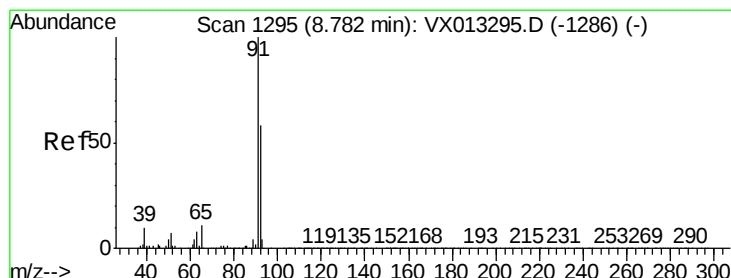
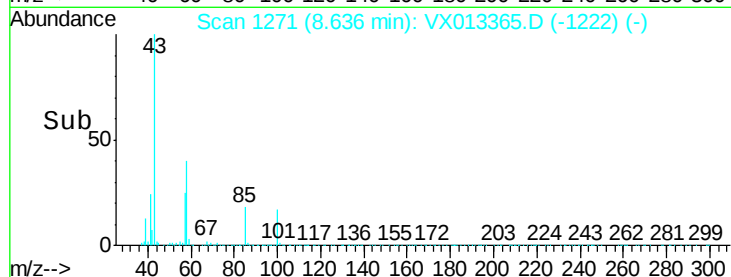
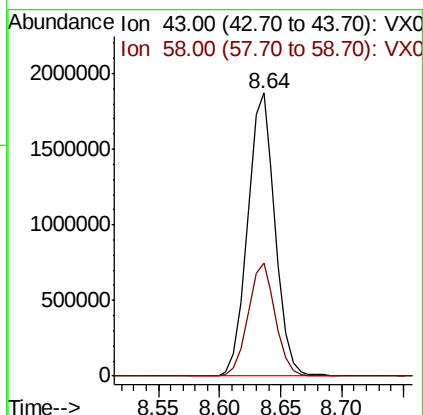
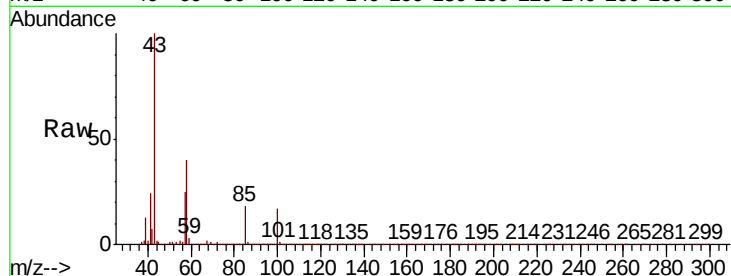
58 39.8 31.4 47.0

Manual Integrations

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#52

Toluene

Concen: 51.851 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013365.D

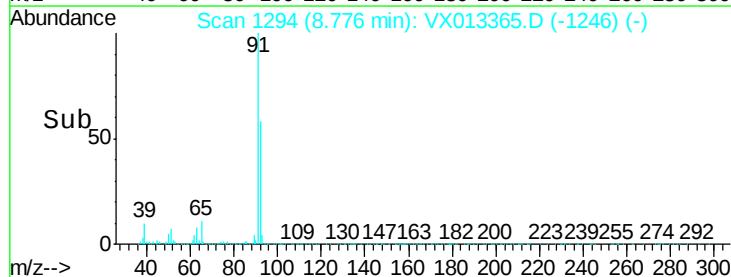
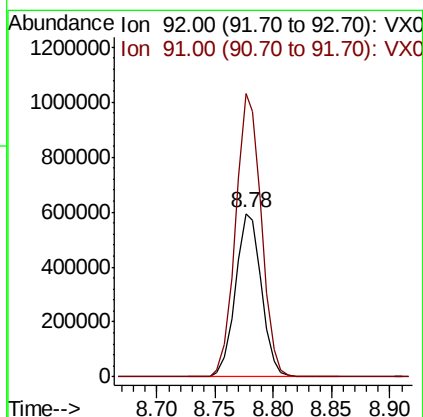
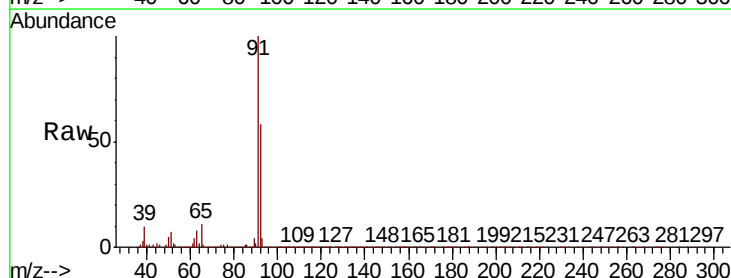
Acq: 08 Nov 2019 18:11

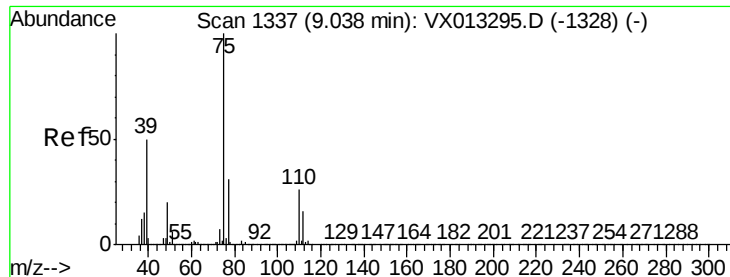
Tgt Ion: 92 Resp: 921933

Ion Ratio Lower Upper

92 100

91 171.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 54.210 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 557867

Ion Ratio Lower Upper

75 100

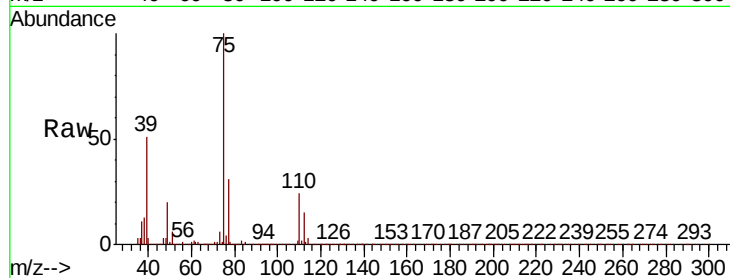
77 30.9 25.0 37.4

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

400000

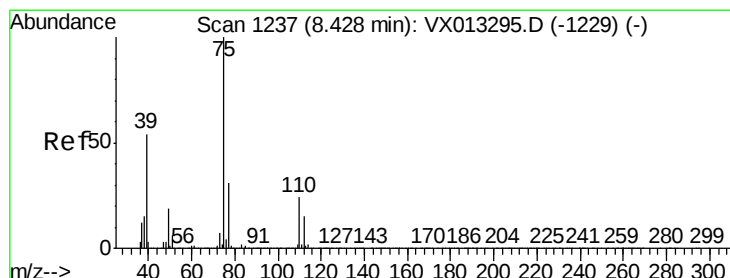
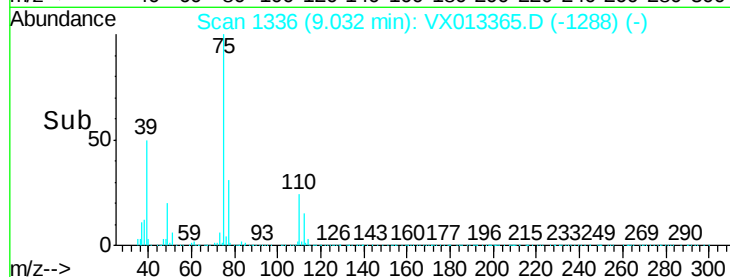
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.322 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

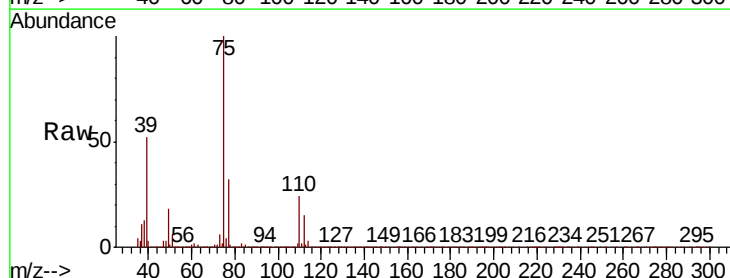
Tgt Ion: 75 Resp: 613812

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 51.8 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

500000

400000

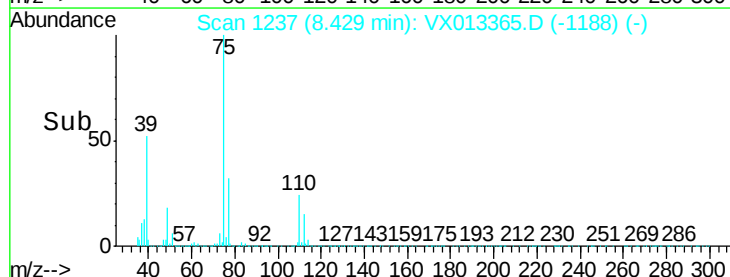
300000

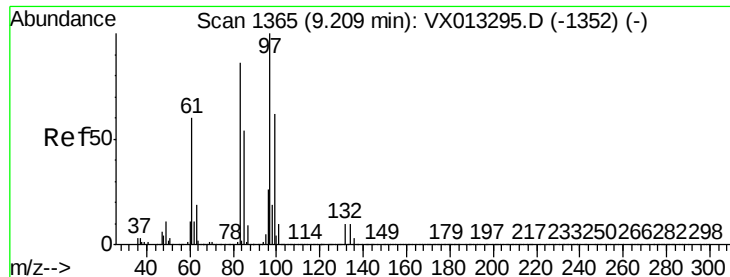
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.155 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

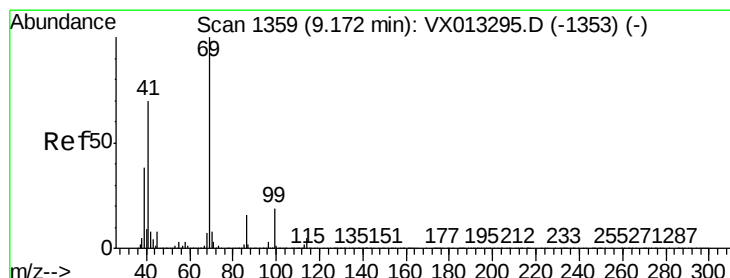
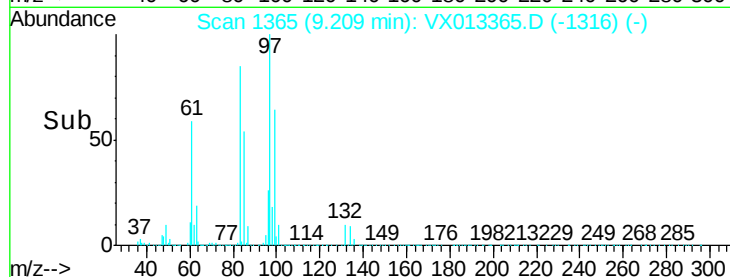
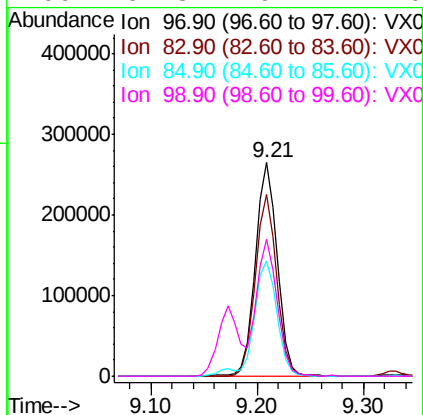
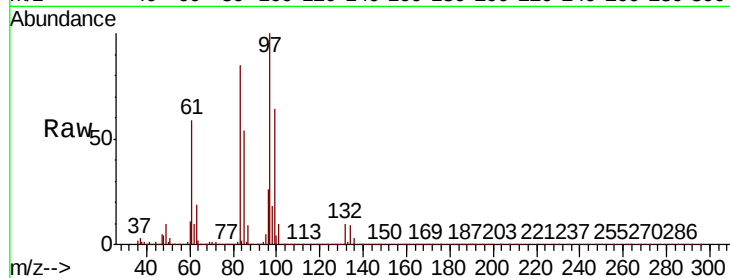
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	384371
Ion Ratio	Lower	Upper	
97	100		
83	84.8	68.6	103.0
85	53.9	43.1	64.7
99	64.3	49.4	74.0

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#56

Ethyl methacrylate

Concen: 49.566 ug/l

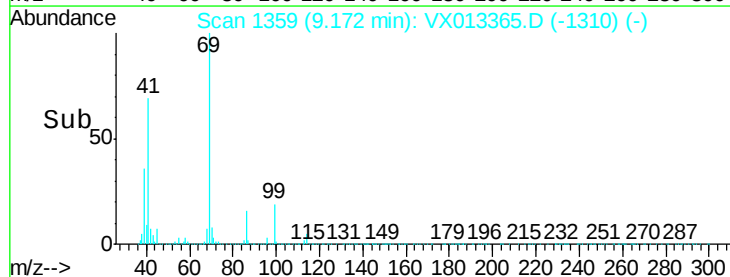
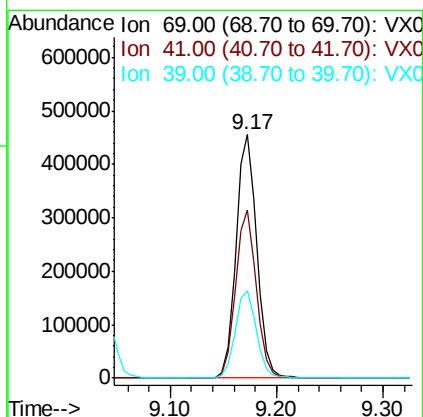
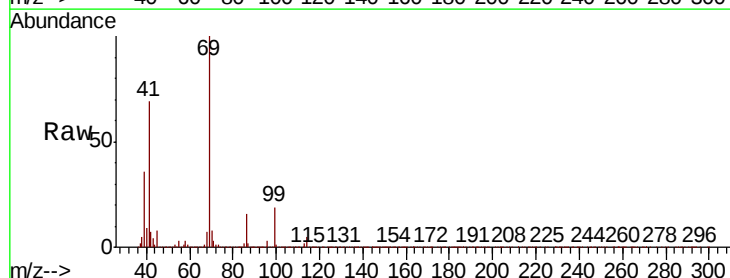
RT: 9.17 min Scan# 1359

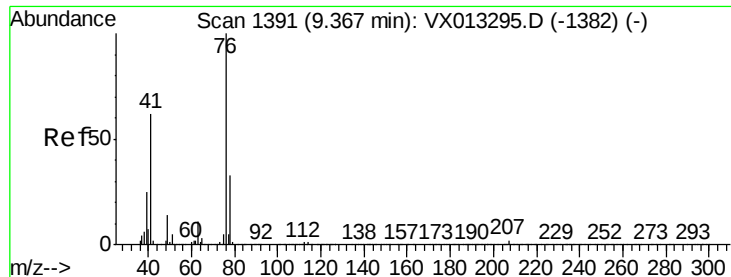
Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion:	69	Resp:	623448
Ion Ratio	Lower	Upper	
69	100		
41	68.8	56.2	84.2
39	36.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.466 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 643859

Ion Ratio Lower Upper

76 100

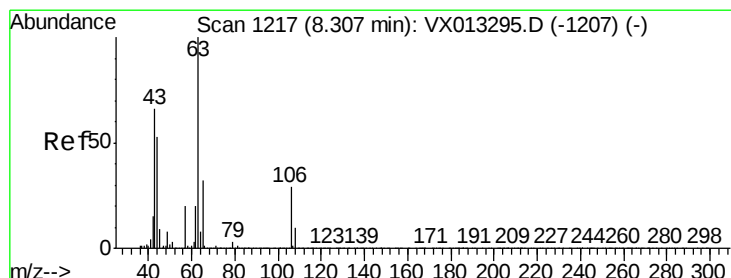
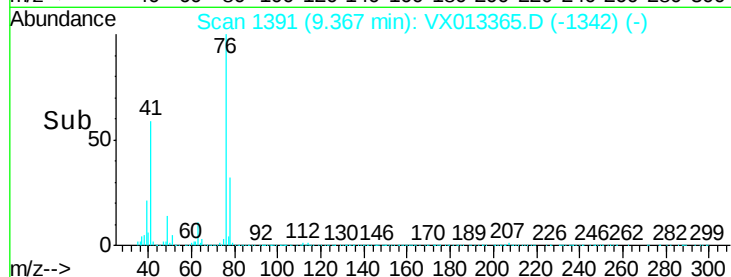
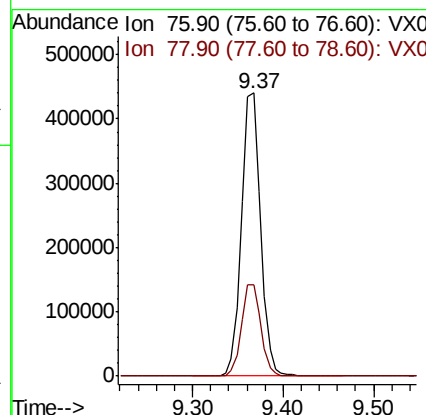
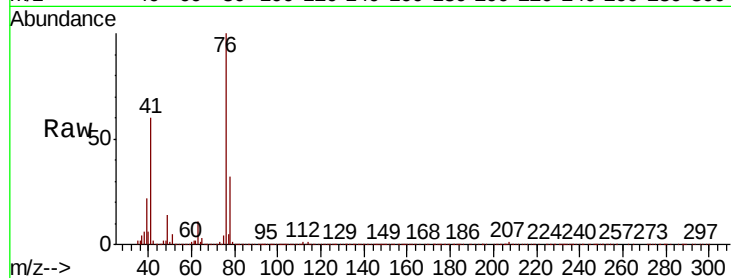
78 32.7 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 260.560 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013365.D

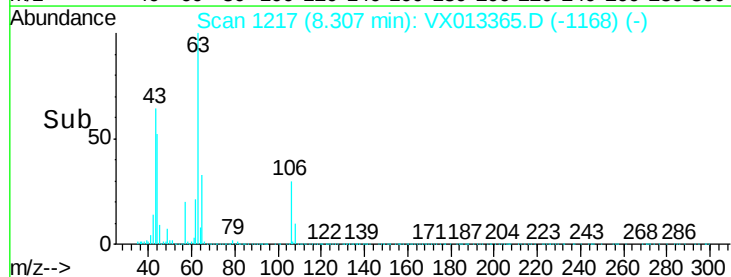
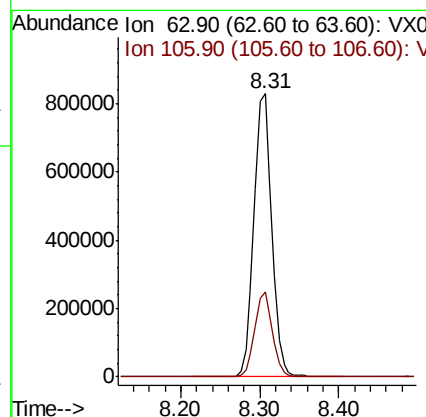
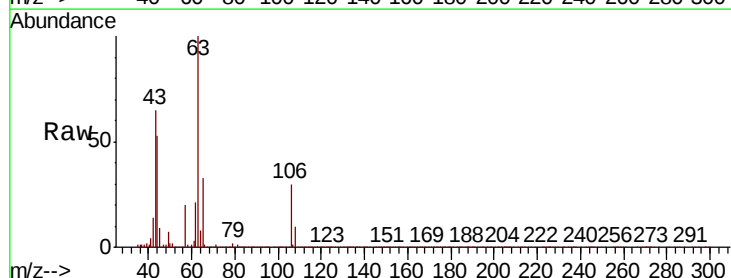
Acq: 08 Nov 2019 18:11

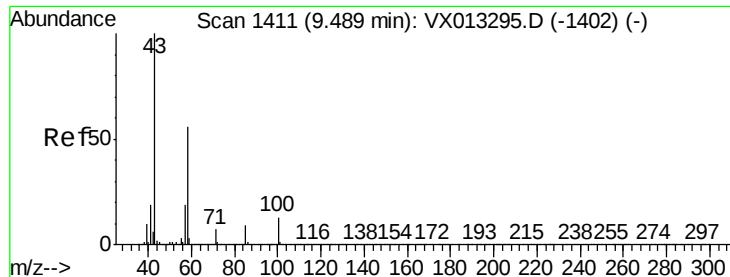
Tgt Ion: 63 Resp: 1312979

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





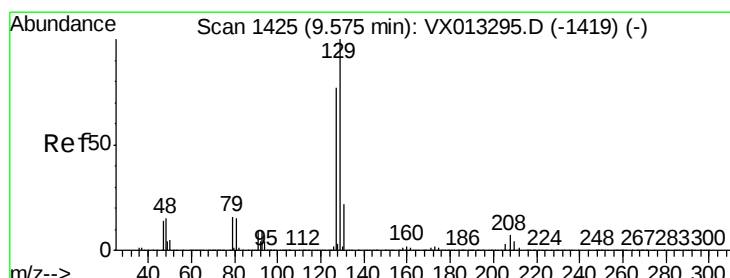
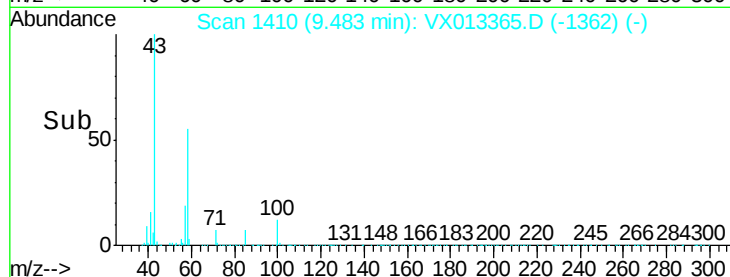
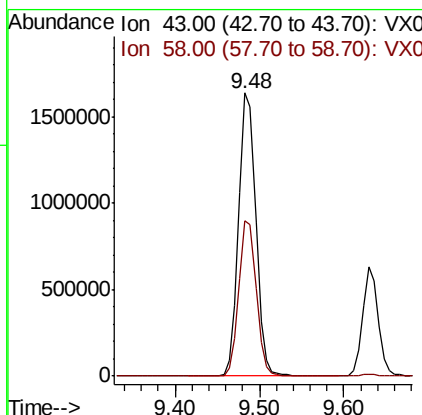
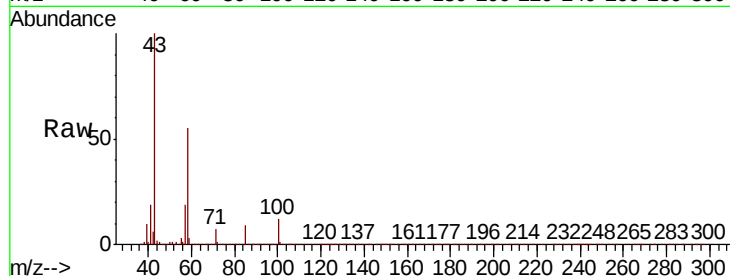
#59
2-Hexanone
Concen: 250.511 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2250704
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

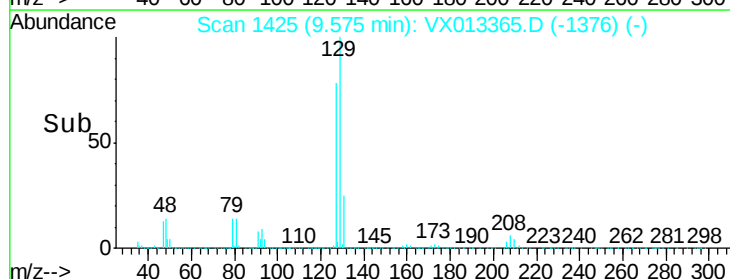
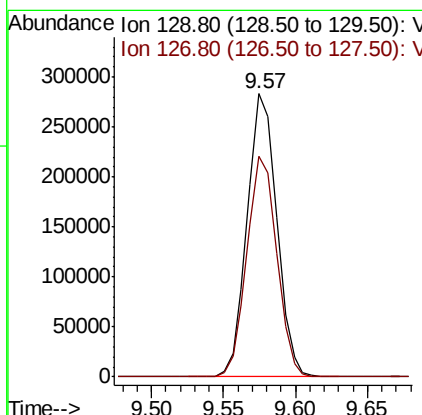
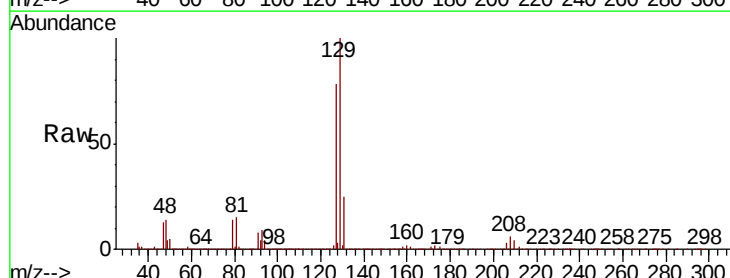
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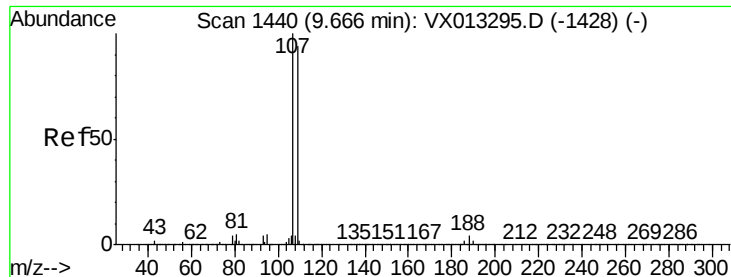
MMDadoda
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#60
Dibromochloromethane
Concen: 53.357 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 129 Resp: 402165
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.075 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 399698

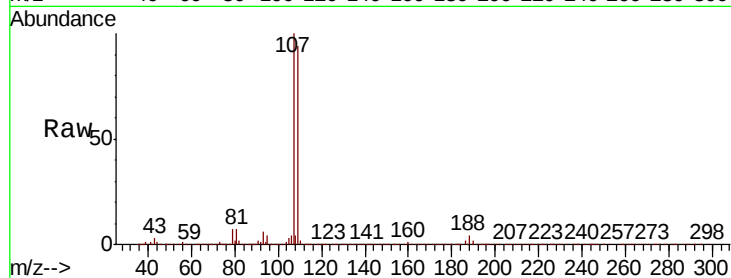
Ion Ratio Lower Upper

107 100

109 94.2 75.1 112.7

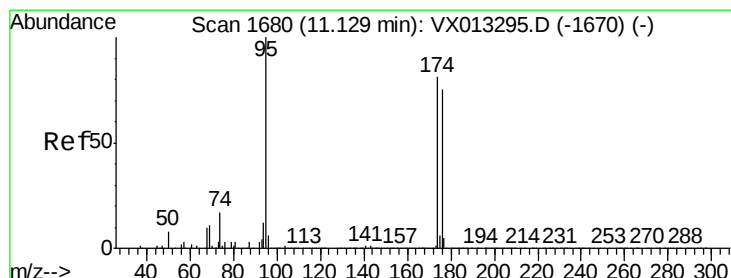
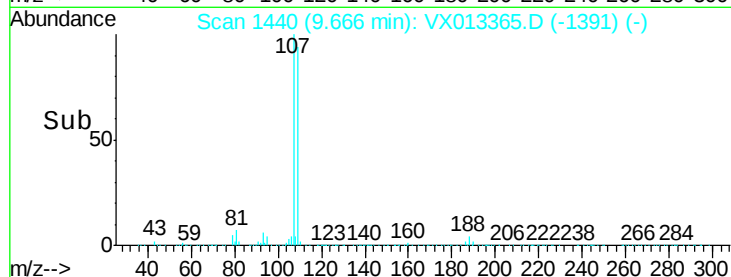
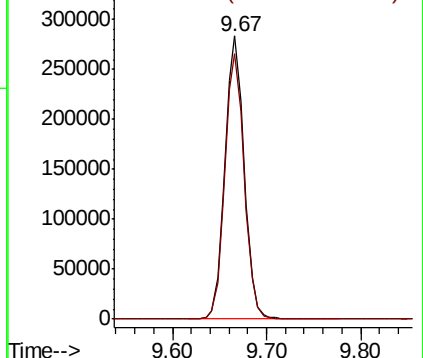
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.608 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

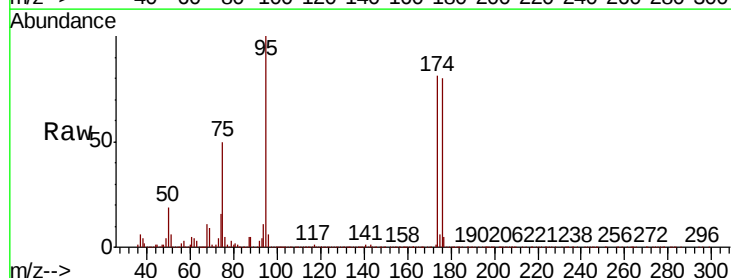
Tgt Ion: 95 Resp: 454471

Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.8

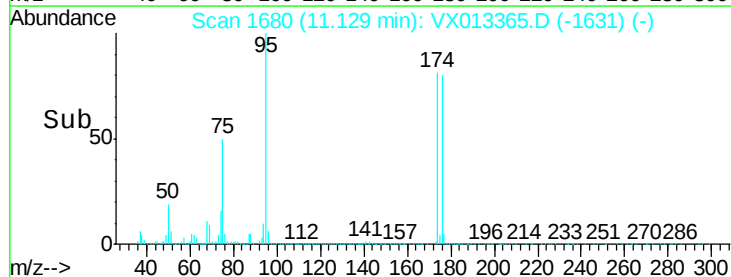
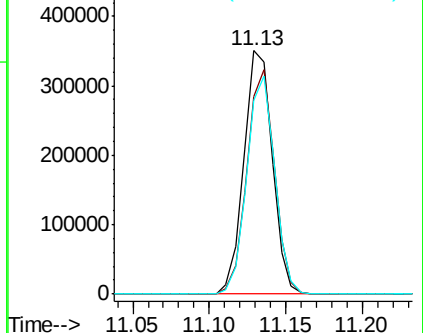
176 87.6 0.0 173.0

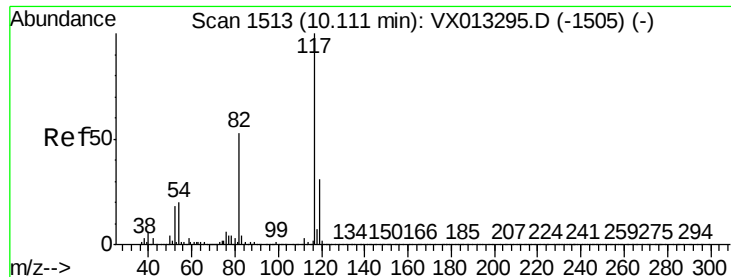


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





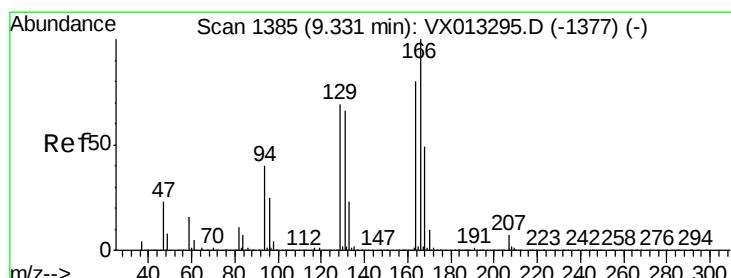
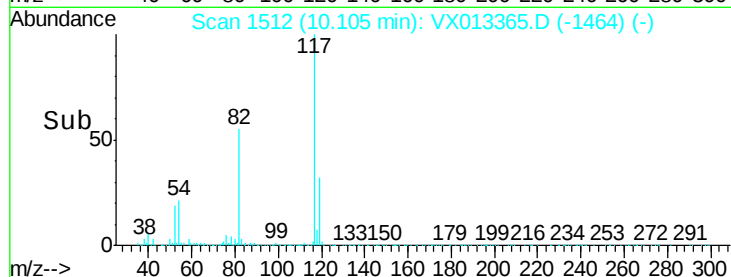
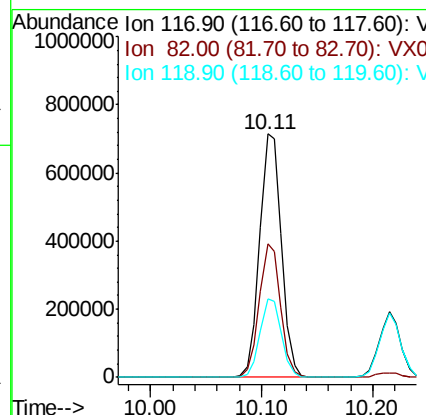
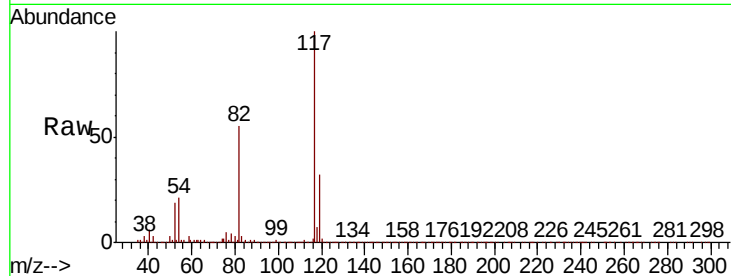
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	976714		
82	55.0		42.6	64.0
119	32.1		24.8	37.2

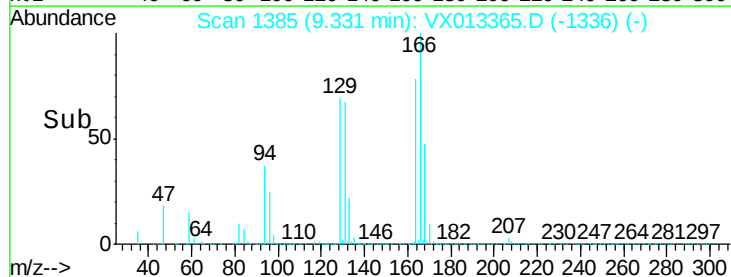
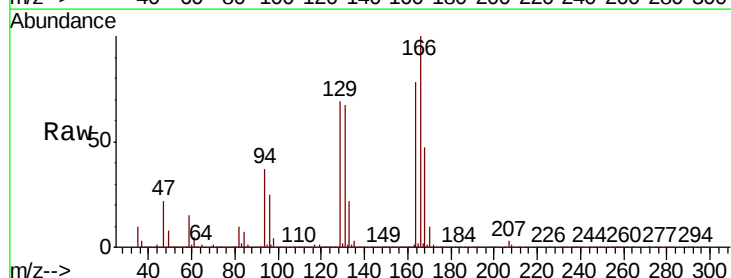
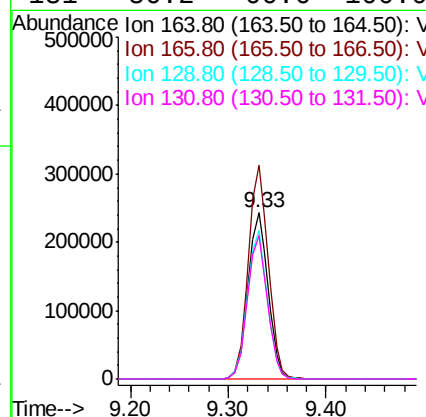
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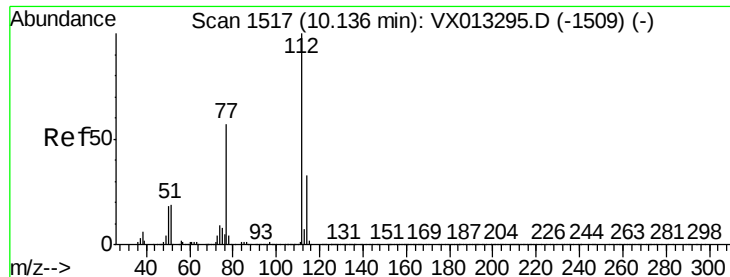
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#64
Tetrachloroethene
Concen: 49.840 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	348483		
166	128.6		100.4	150.6
129	89.2		69.4	104.2
131	86.2		66.6	100.0





#65

Chlorobenzene

Concen: 50.595 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1000460

Ion Ratio Lower Upper

112 100

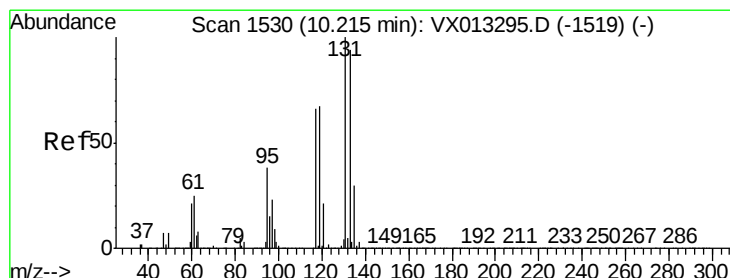
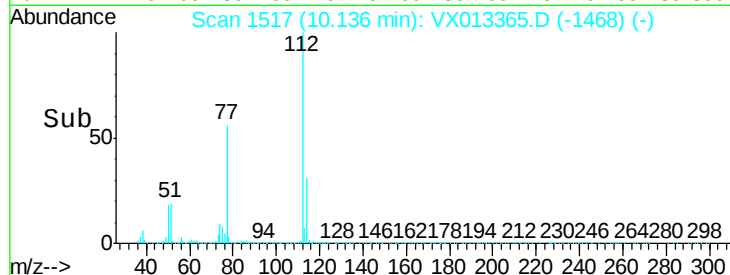
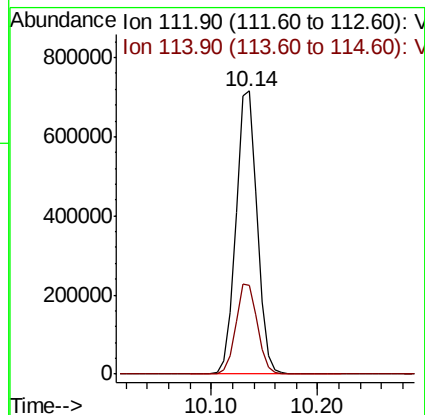
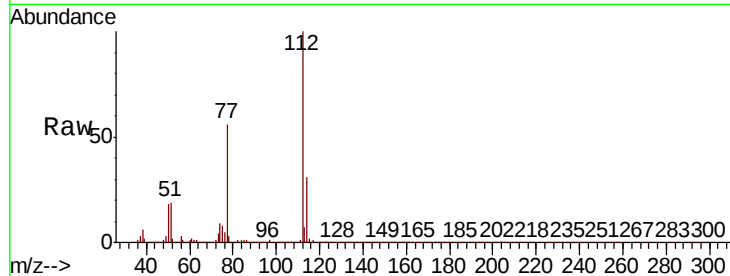
114 31.3 26.4 39.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.731 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

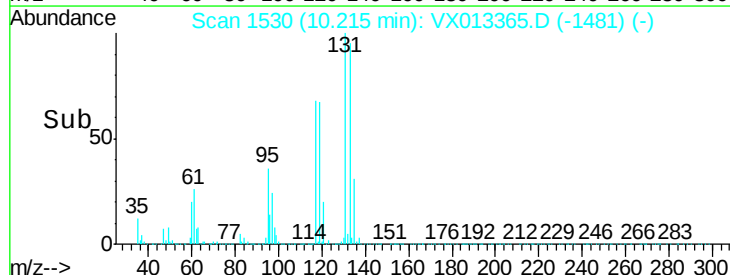
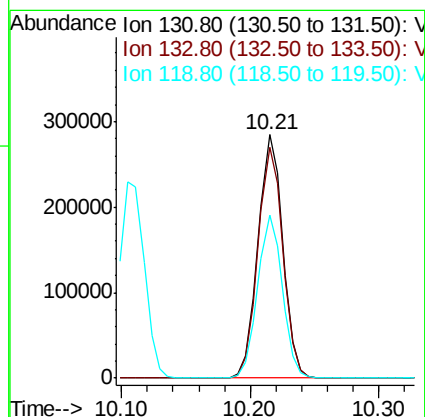
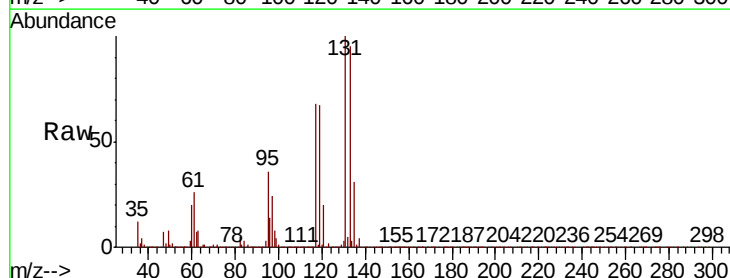
Tgt Ion:131 Resp: 375596

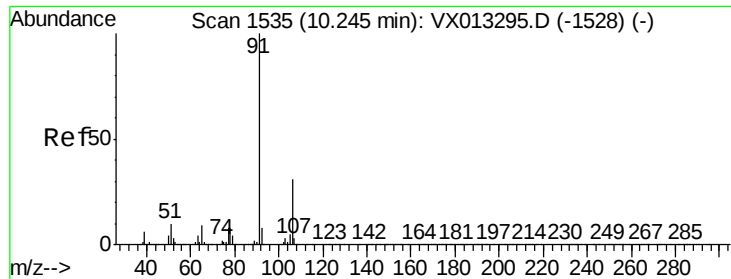
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 66.8 33.0 99.0





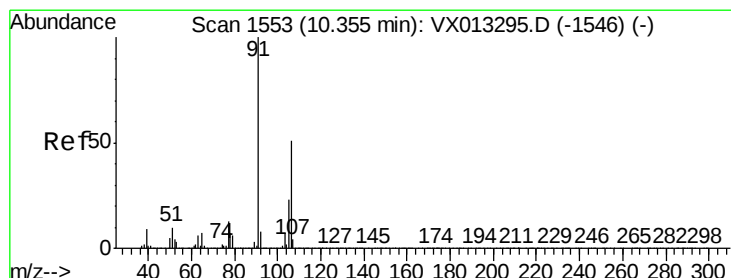
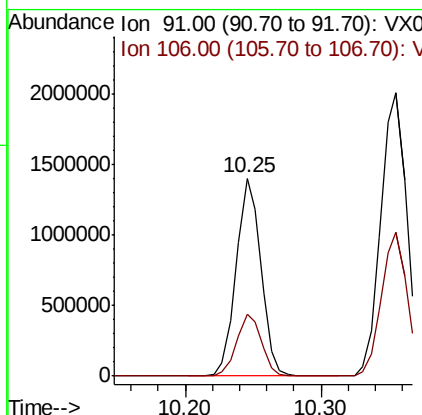
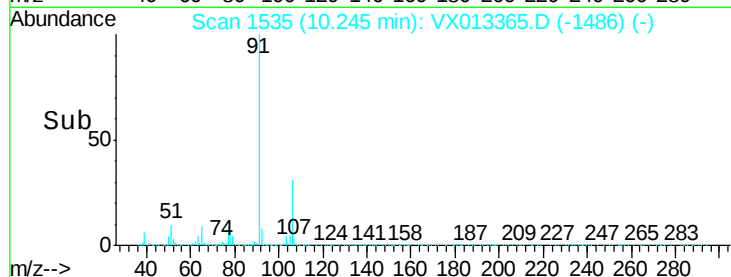
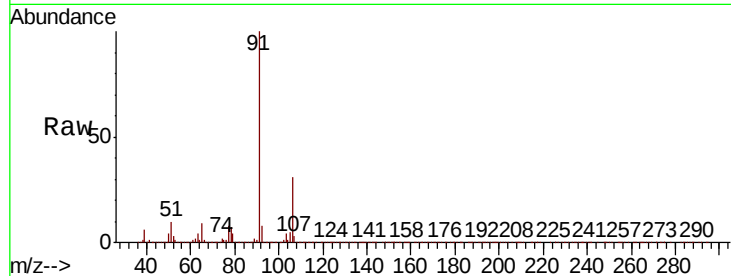
#67
Ethyl Benzene
Concen: 52.174 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1780582
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

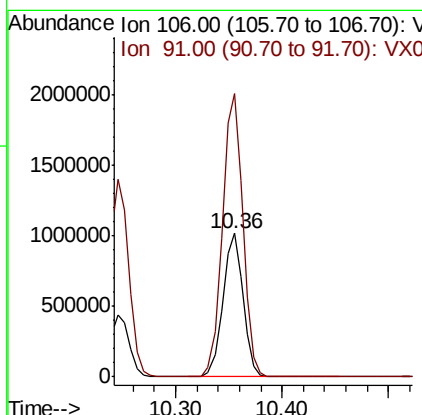
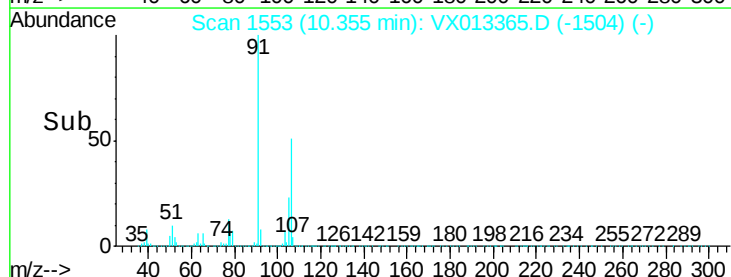
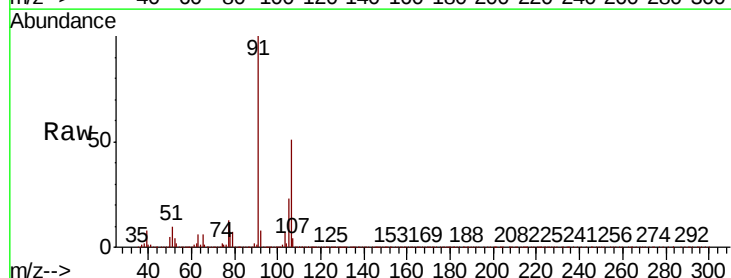
Manual Integrations
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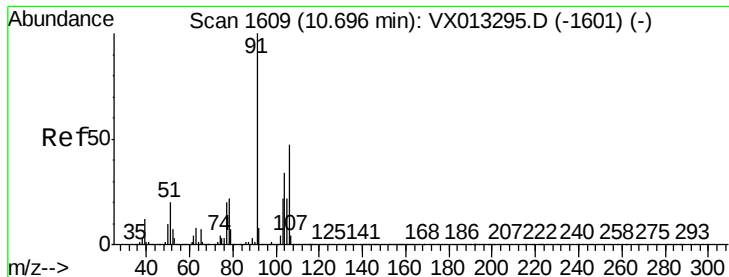
MMDadoda
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#68
m/p-Xylenes
Concen: 104.072 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 106 Resp: 1343246
Ion Ratio Lower Upper
106 100
91 199.8 159.3 238.9





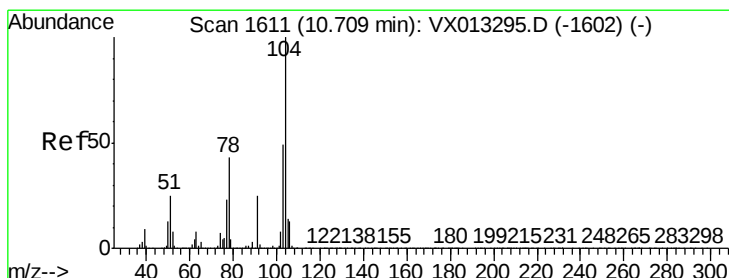
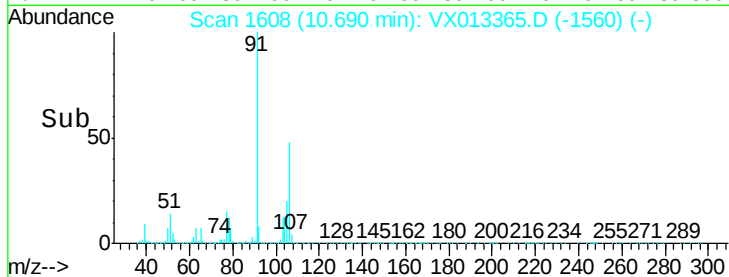
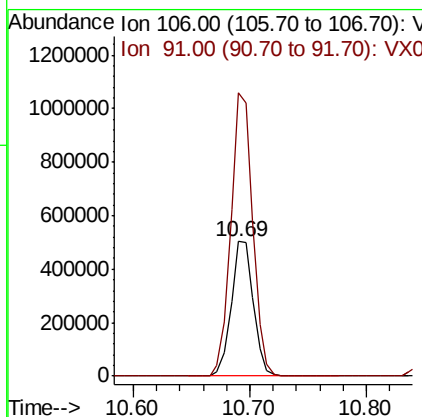
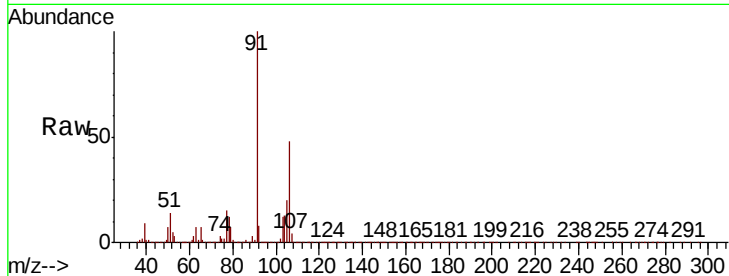
#69
o-Xylene
Concen: 52.590 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 664536
Ion Ratio Lower Upper
106 100
91 208.2 105.7 317.0

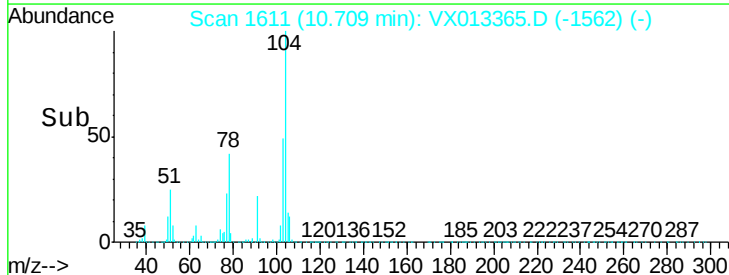
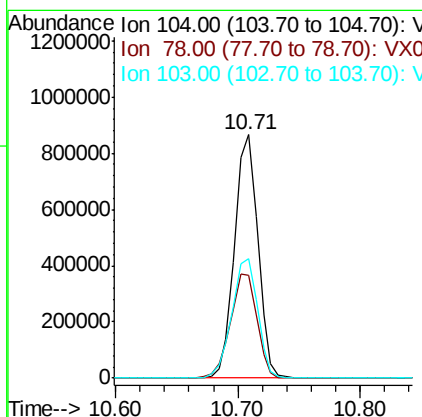
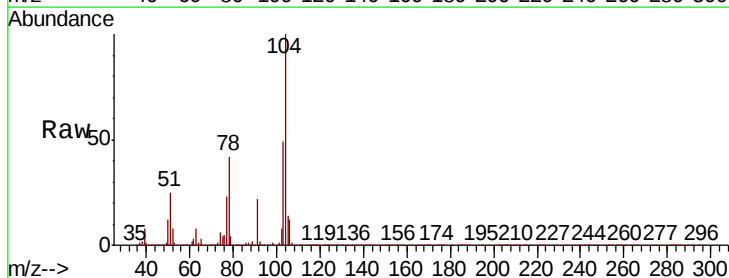
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#70
Styrene
Concen: 53.963 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion:104 Resp: 1139854
Ion Ratio Lower Upper
104 100
78 48.6 40.0 60.0
103 54.3 44.1 66.1





#71

Bromoform

Concen: 47.281 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 317038

Ion Ratio Lower Upper

173 100

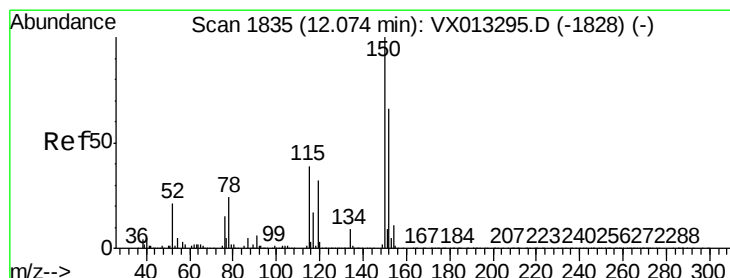
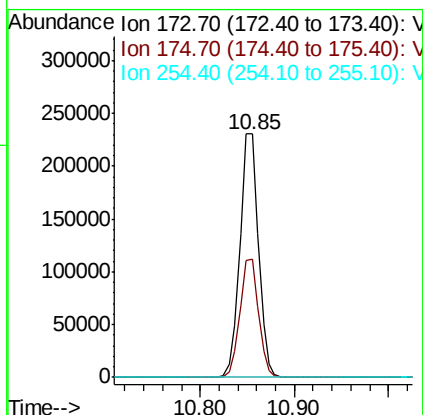
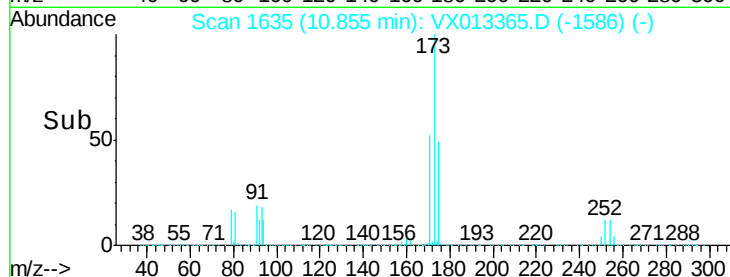
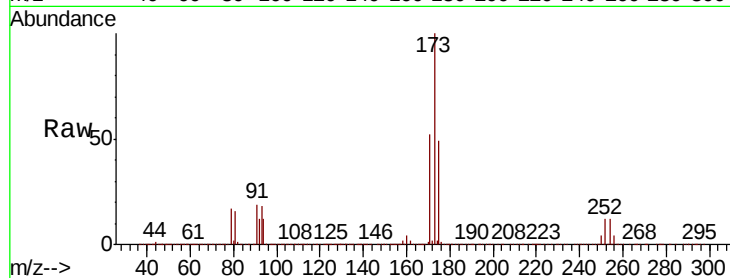
175 48.9 24.8 74.4

254 0.2 0.2 0.2

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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: VX013365.D

Acq: 08 Nov 2019 18:11

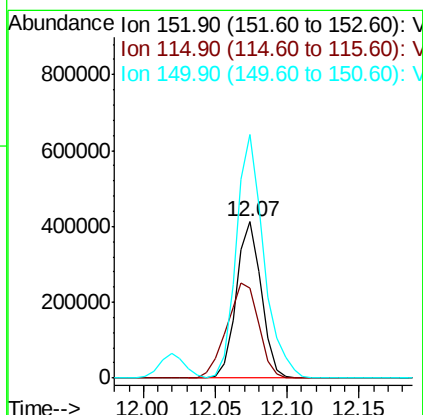
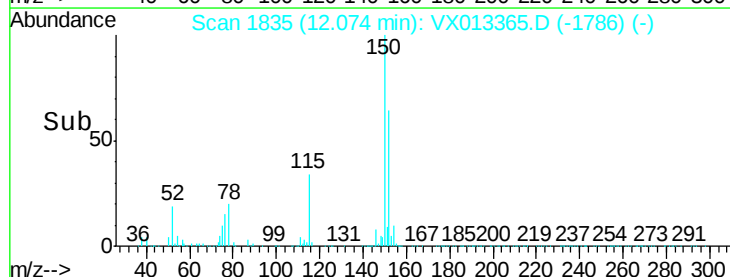
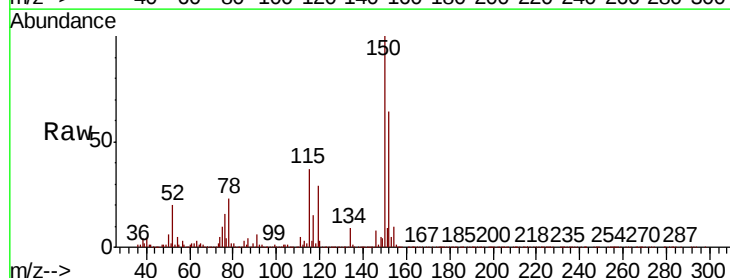
Tgt Ion:152 Resp: 496569

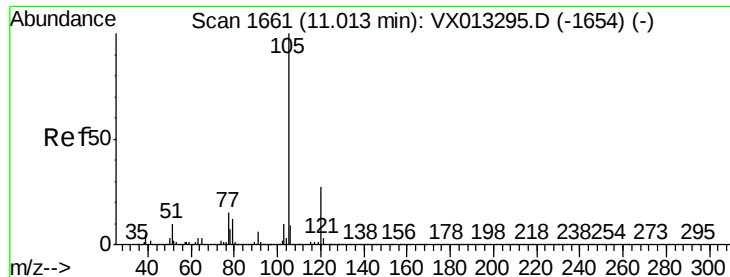
Ion Ratio Lower Upper

152 100

115 78.3 39.5 118.3

150 172.2 0.0 344.4





#73

Isopropylbenzene

Concen: 52.889 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1741288

Ion Ratio Lower Upper

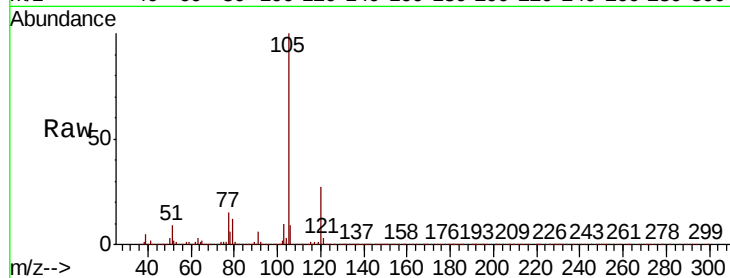
105 100

120 26.8 13.5 40.5

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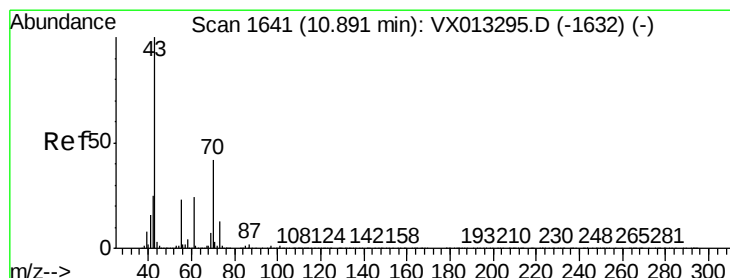
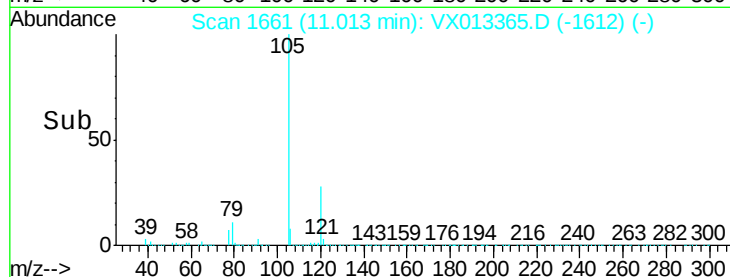
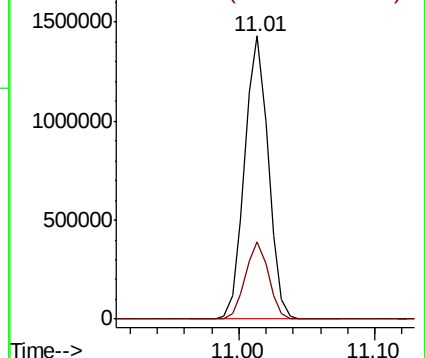
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.023 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion: 43 Resp: 824791

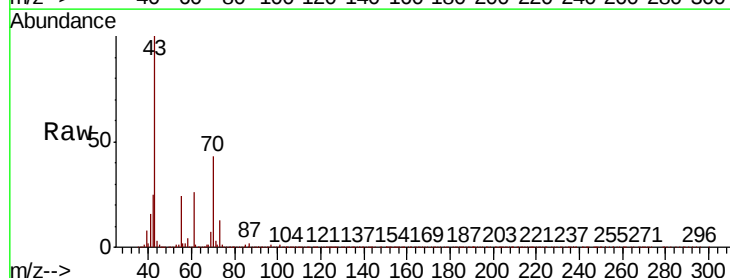
Ion Ratio Lower Upper

43 100

70 43.3 34.1 51.1

55 24.0 18.9 28.3

61 25.1 19.2 28.8

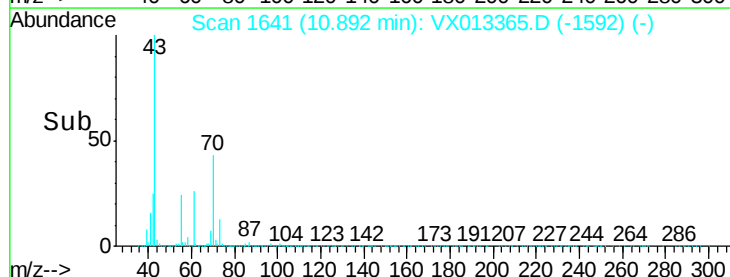
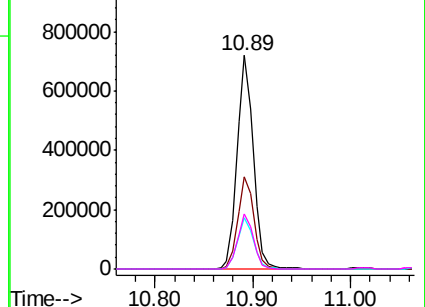


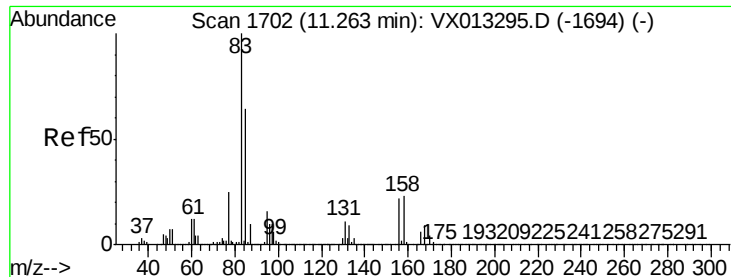
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.394 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 617290

Ion Ratio Lower Upper

83 100

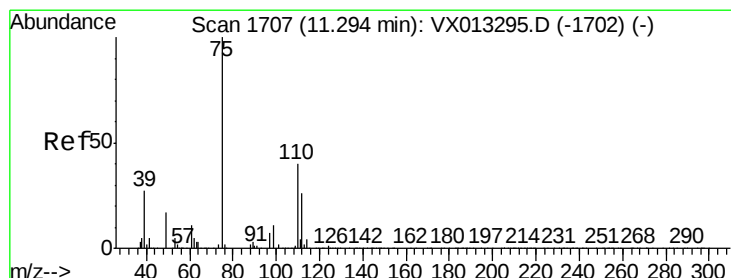
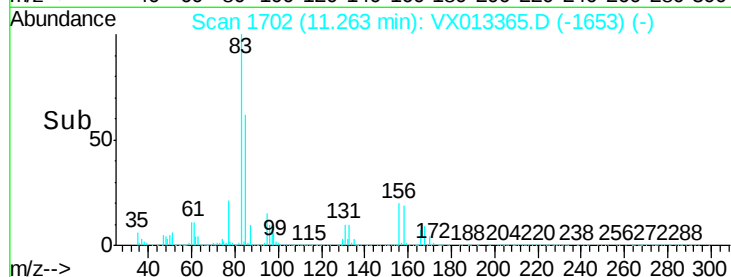
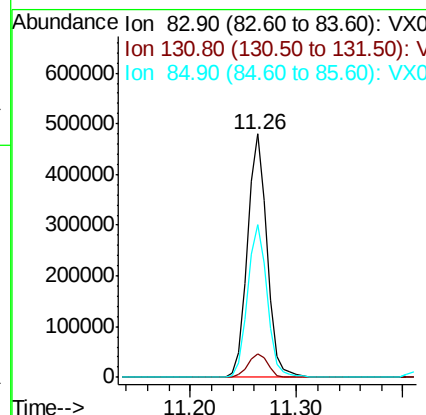
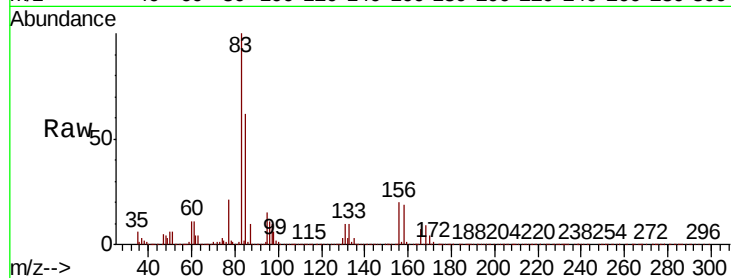
131 10.0 5.1 15.3

85 63.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 48.900 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013365.D

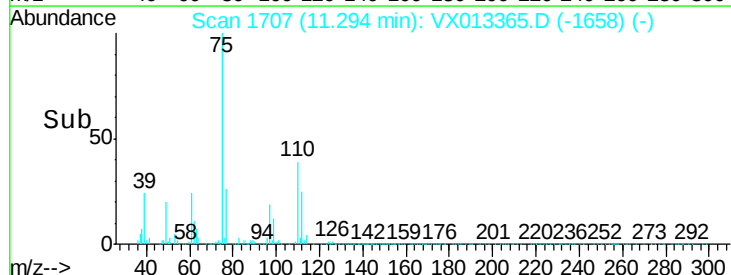
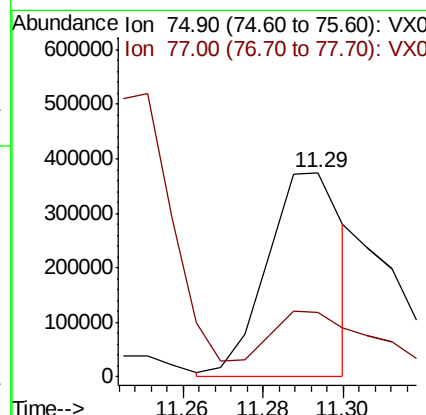
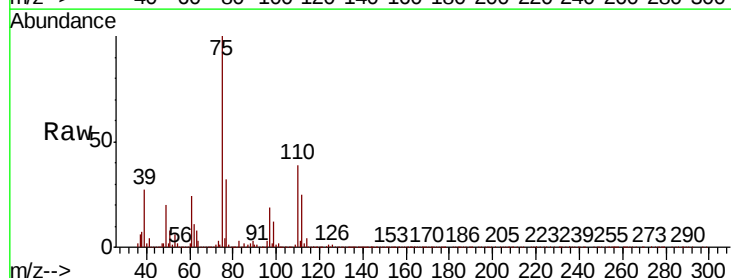
Acq: 08 Nov 2019 18:11

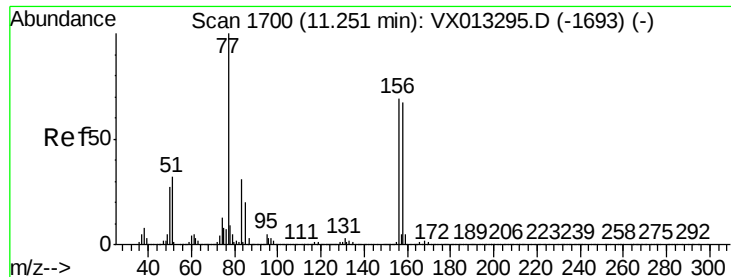
Tgt Ion: 75 Resp: 493202

Ion Ratio Lower Upper

75 100

77 45.9 22.3 66.8





#77

Bromobenzene

Concen: 52.534 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

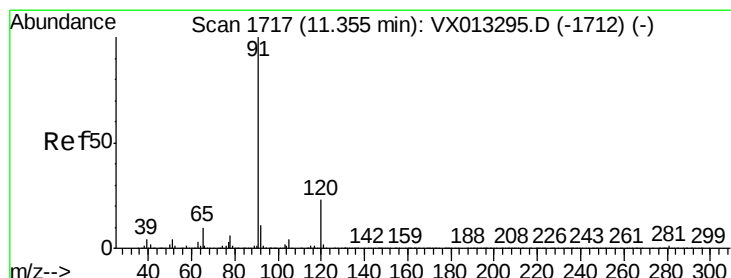
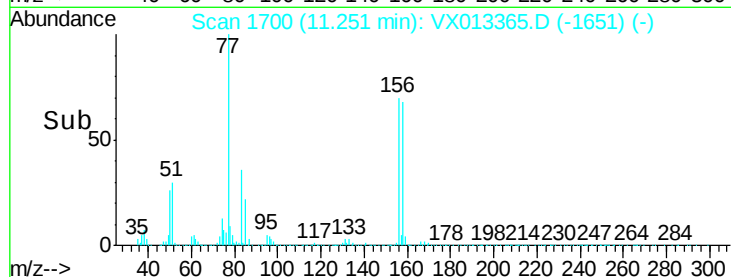
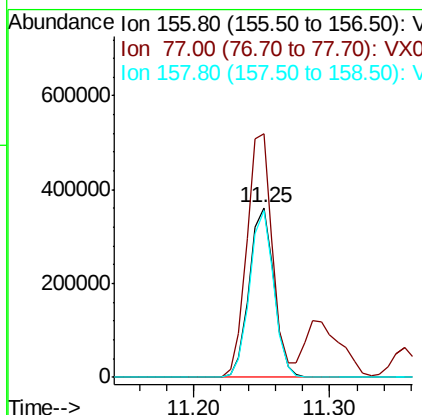
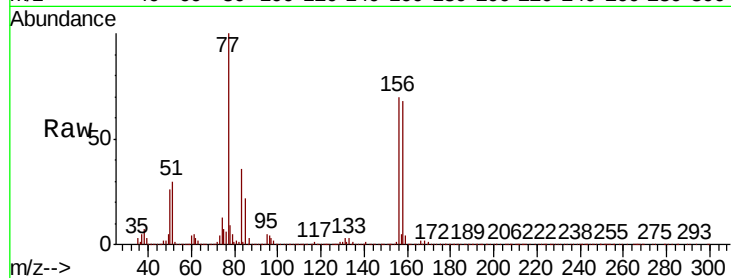
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	461085
Ion Ratio	Lower	Upper	
156	100		
77	147.6	75.8	227.4
158	96.7	47.6	142.8

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#78

n-propylbenzene

Concen: 53.915 ug/l

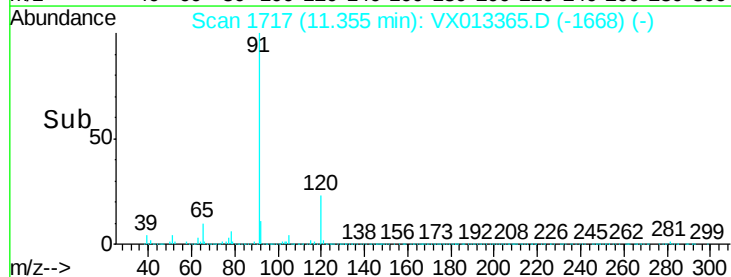
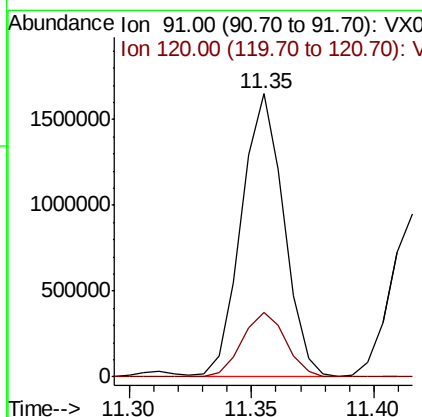
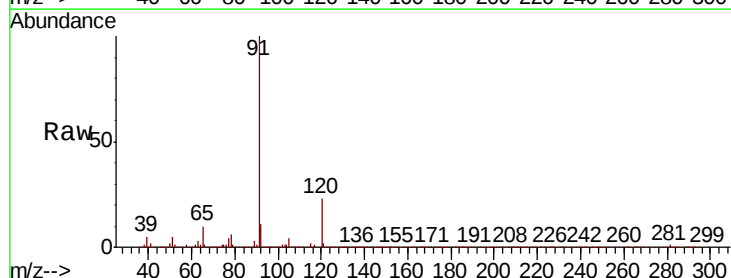
RT: 11.35 min Scan# 1717

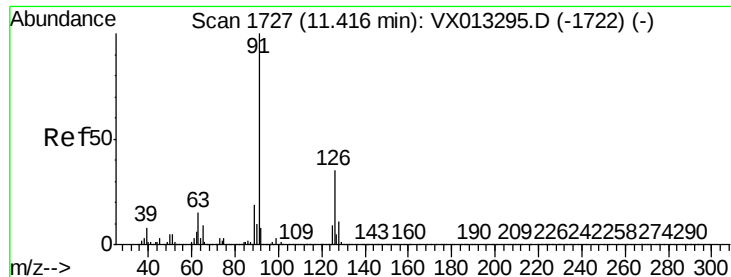
Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion:	91	Resp:	1977322
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 52.550 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1161158

Ion Ratio Lower Upper

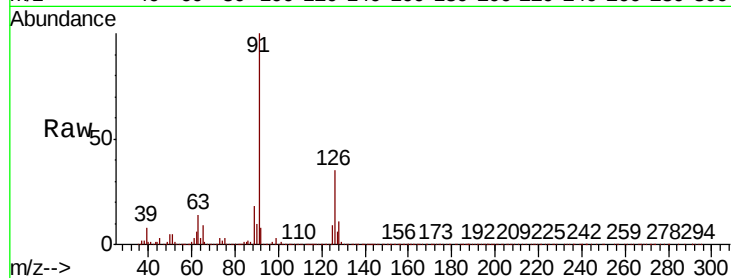
91 100

126 35.0 17.3 52.0

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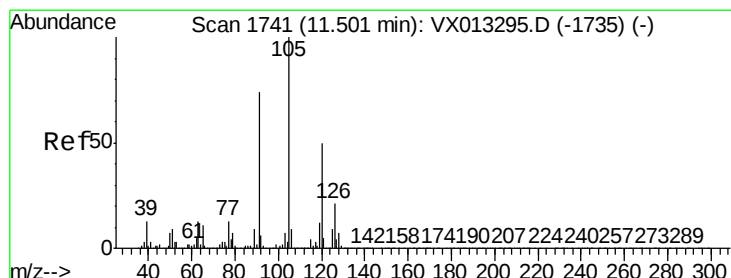
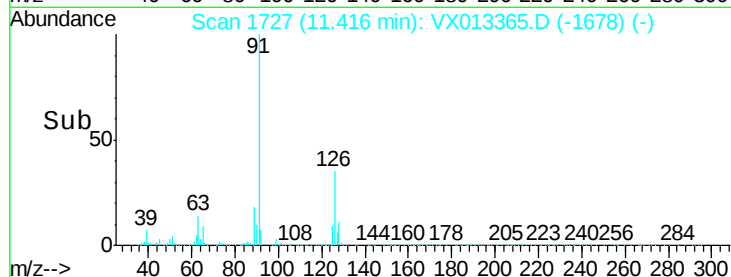
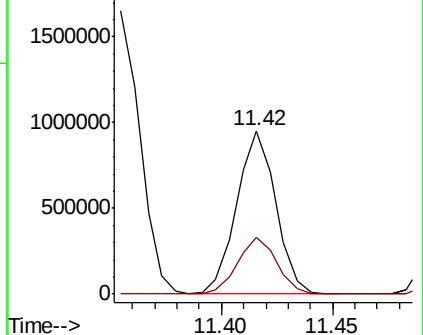
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Abundance Ion 91.00 (90.70 to 91.70): VX013295.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013295.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.482 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013365.D

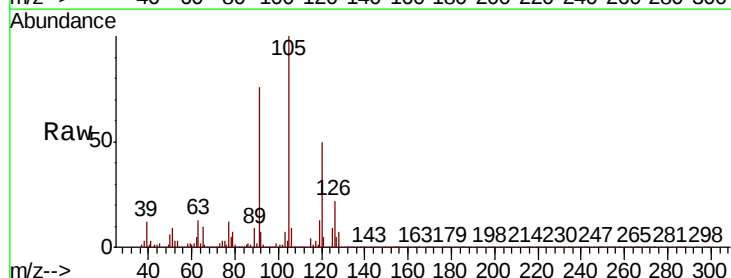
Acq: 08 Nov 2019 18:11

Tgt Ion: 105 Resp: 1466659

Ion Ratio Lower Upper

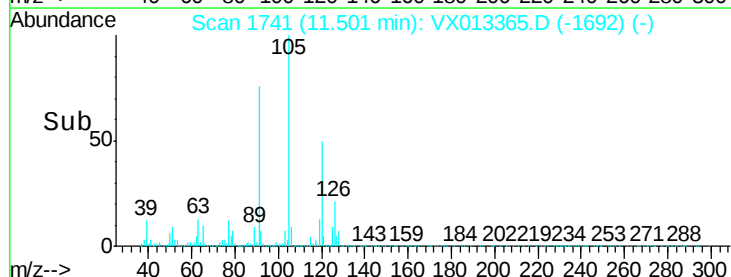
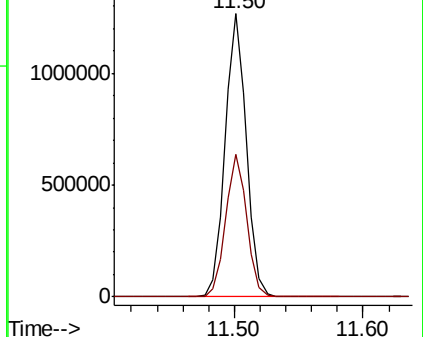
105 100

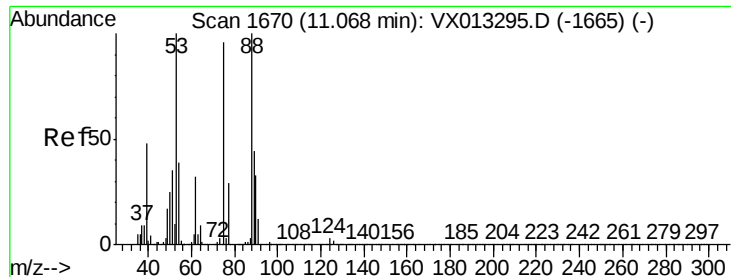
120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013295.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013295.D (-1735) (-)





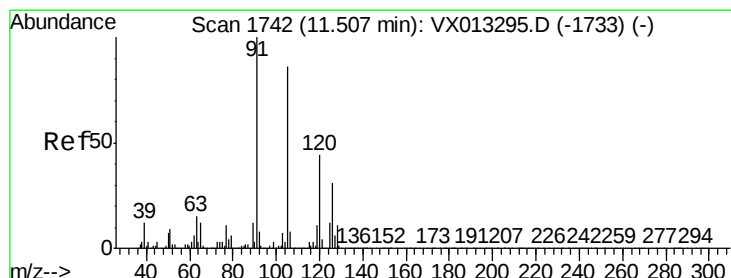
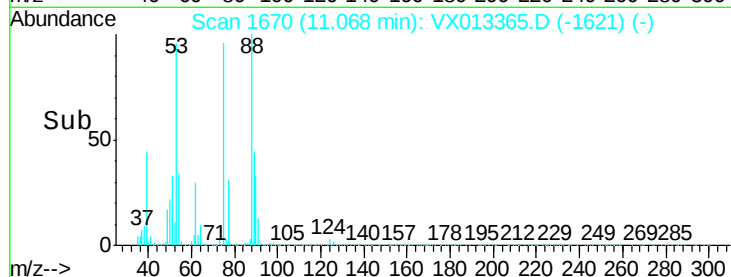
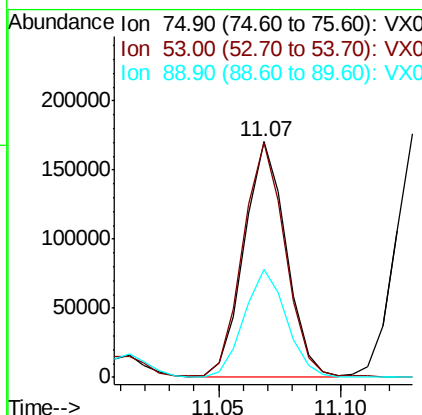
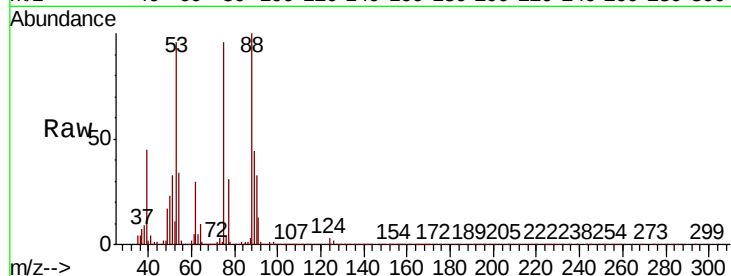
#81
trans-1,4-Dichloro-2-butene
Concen: 51.601 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	81.0	121.6
89	46.1	36.0	54.0

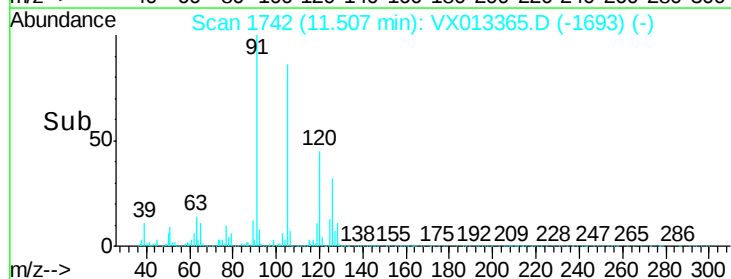
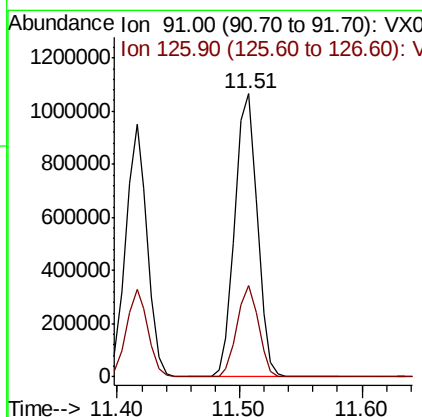
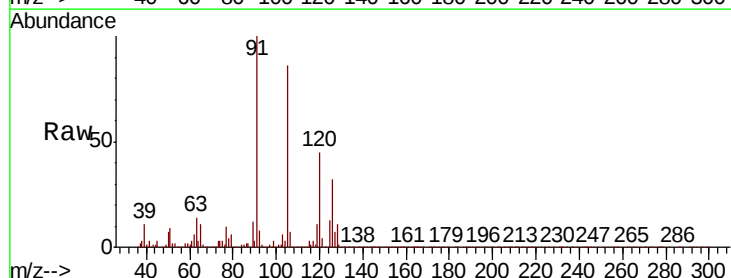
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#82
4-Chlorotoluene
Concen: 52.108 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





#83

tert-Butylbenzene

Concen: 53.807 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1485382

Ion Ratio Lower Upper

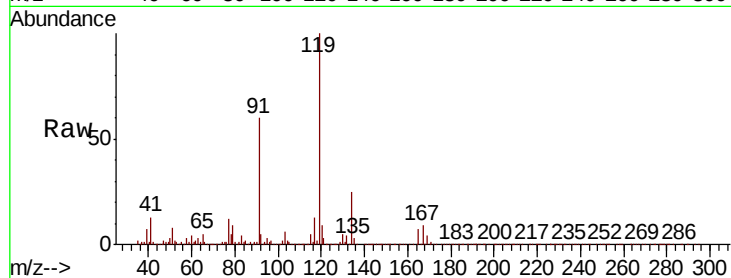
119 100

91 54.6 26.9 80.7

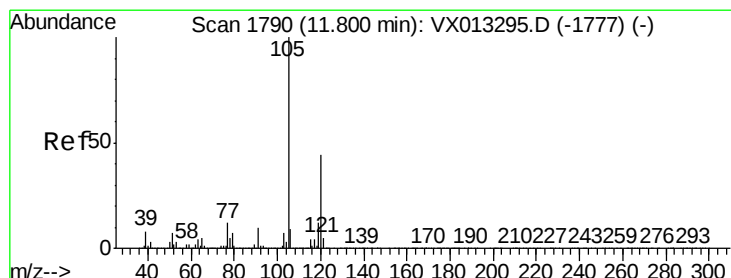
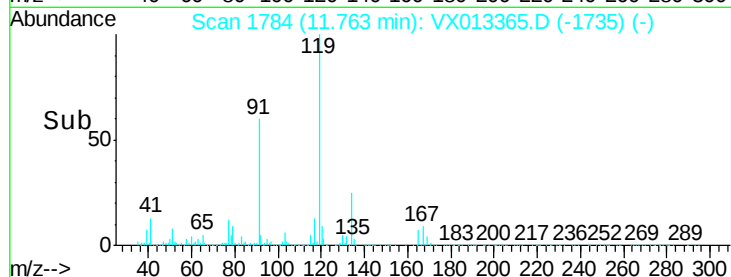
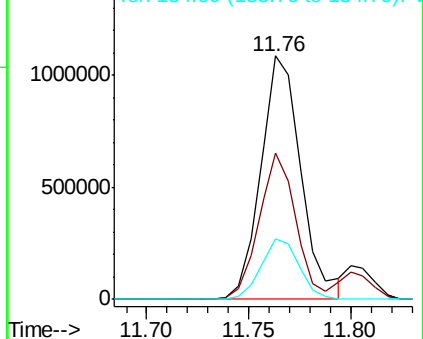
134 23.7 11.7 35.1

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.358 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013365.D

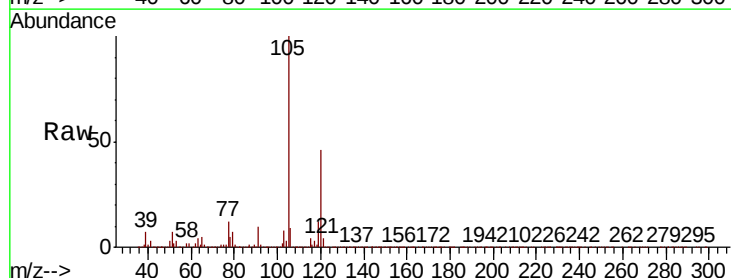
Acq: 08 Nov 2019 18:11

Tgt Ion:105 Resp: 1467846

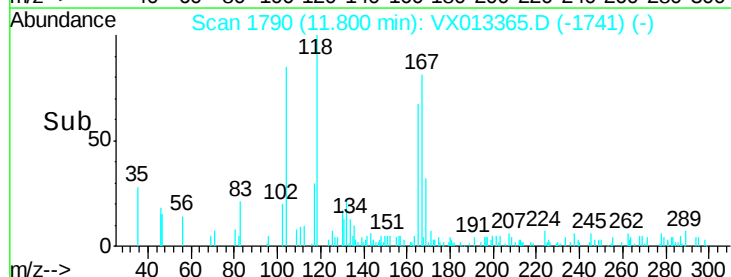
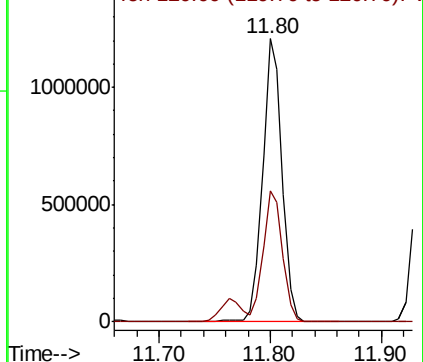
Ion Ratio Lower Upper

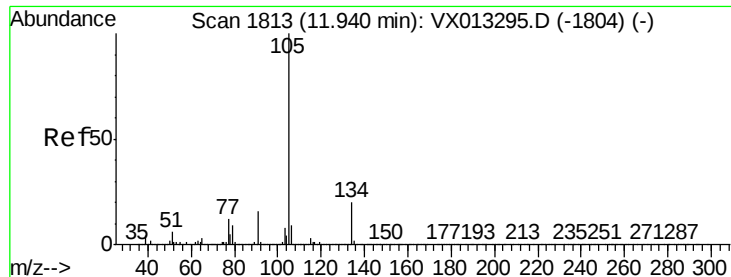
105 100

120 46.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





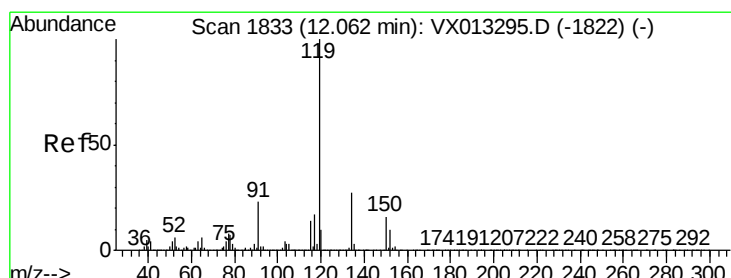
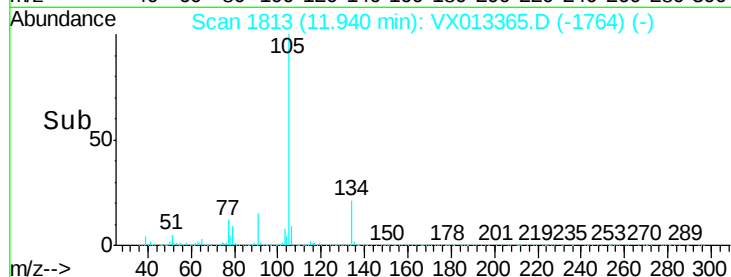
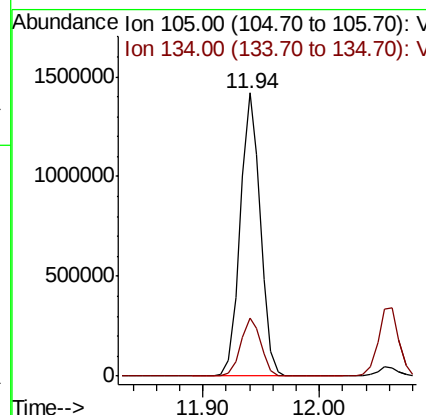
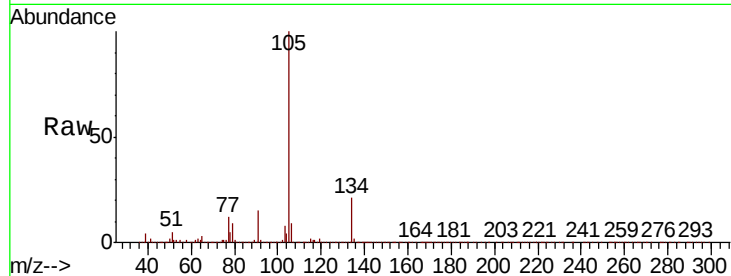
#85
 sec-Butylbenzene
 Concen: 53.630 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1701526
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9

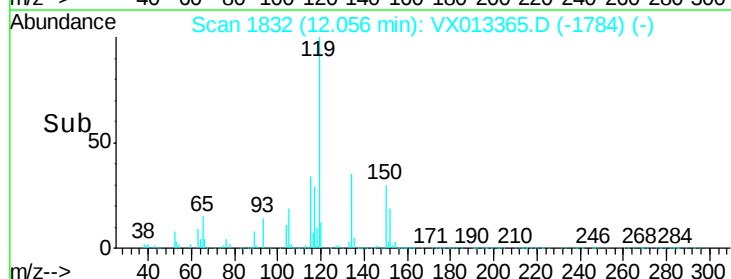
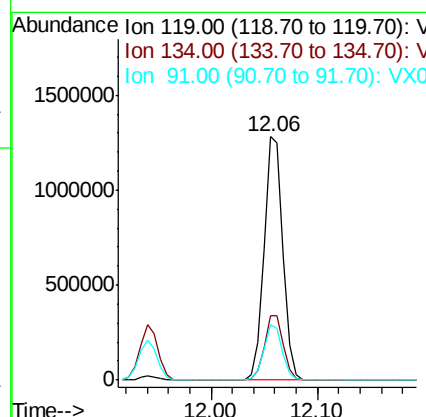
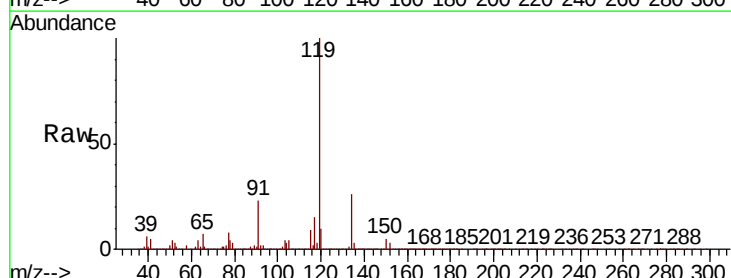
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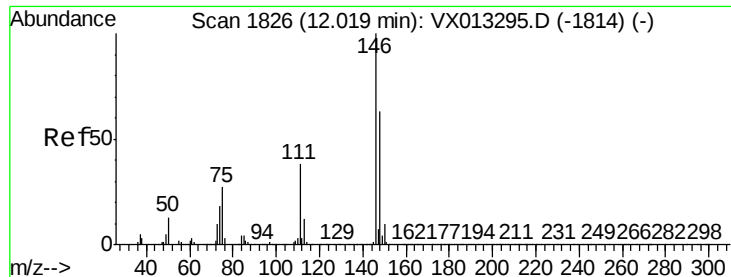
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#86
 p-Isopropyltoluene
 Concen: 54.065 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion:119 Resp: 1579495
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.3 11.5 34.4





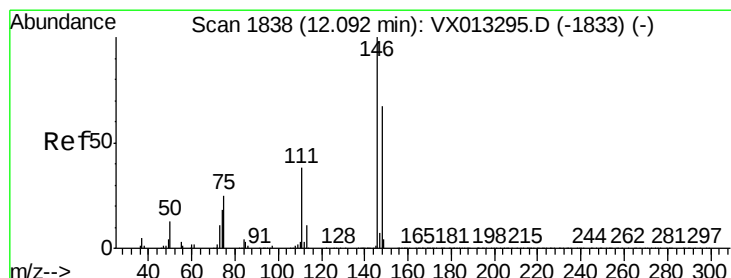
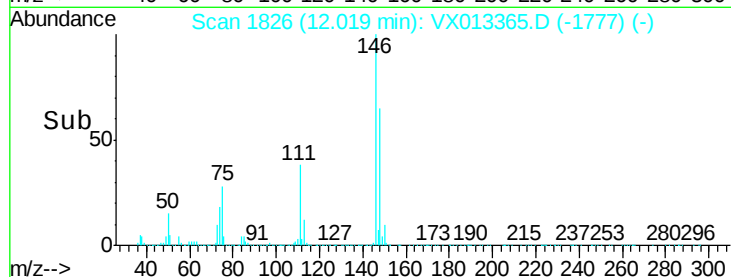
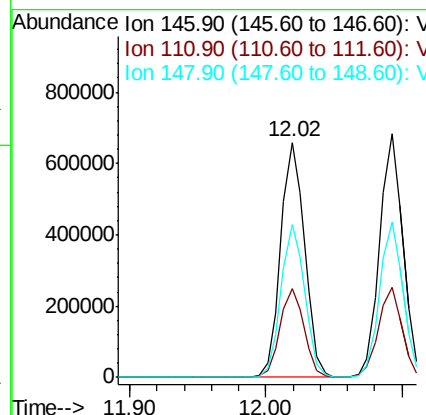
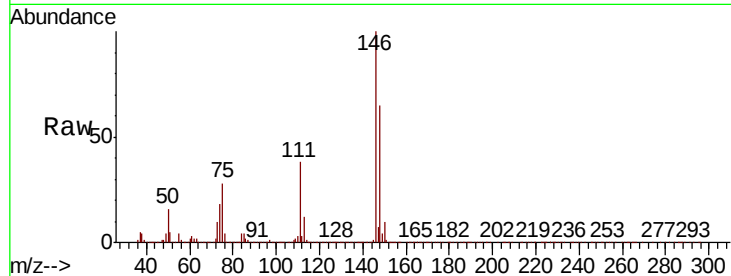
#87
 1,3-Dichlorobenzene
 Concen: 51.782 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.5
148	64.3	31.9	95.7

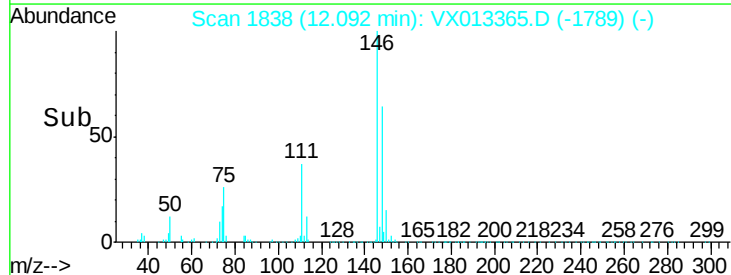
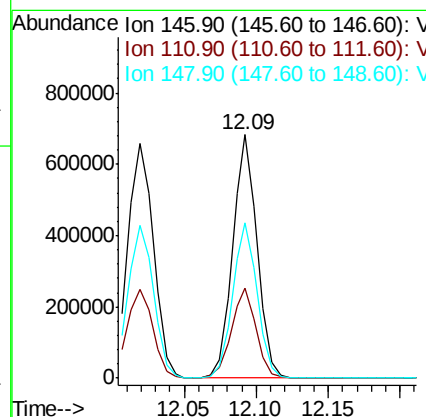
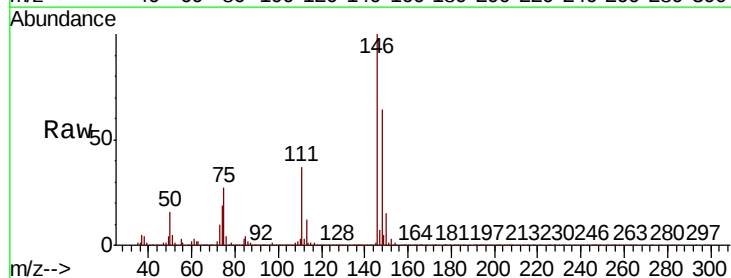
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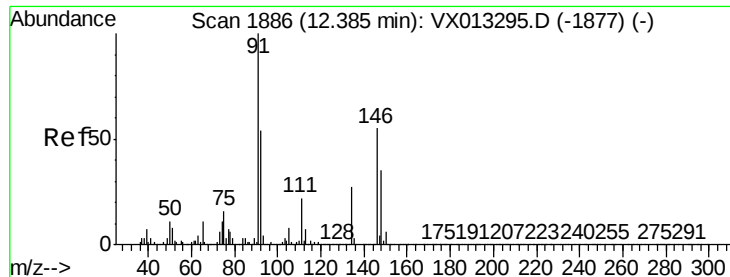
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#88
 1,4-Dichlorobenzene
 Concen: 50.905 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.4
148	63.9	32.4	97.0





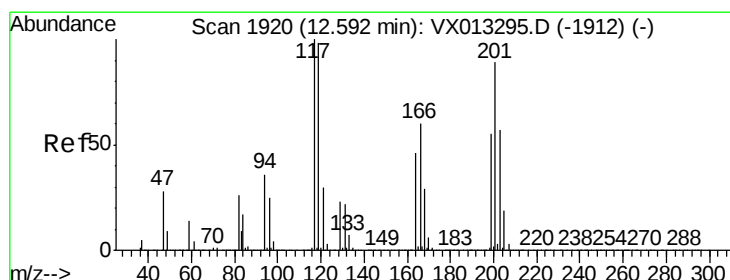
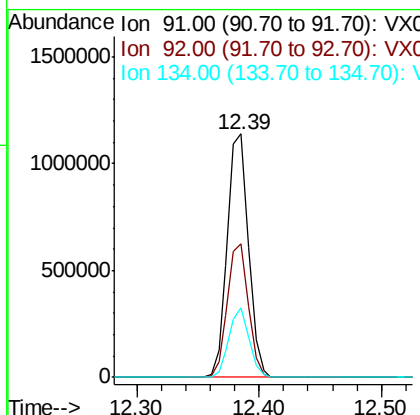
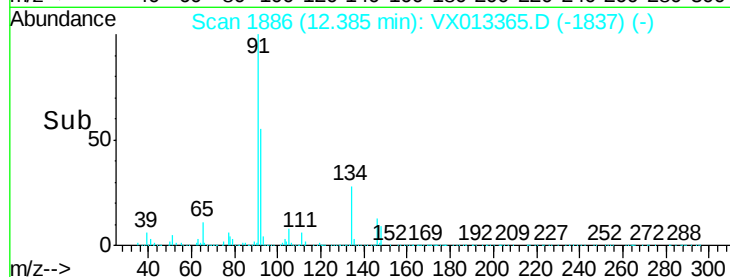
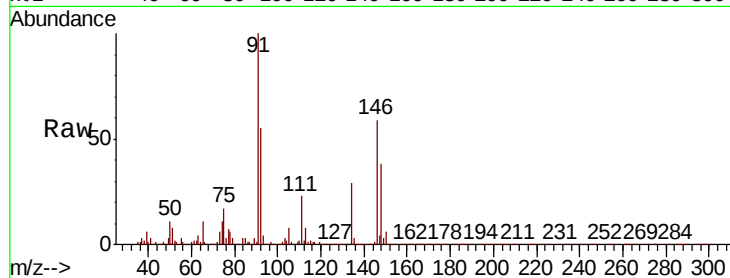
#89
n-Butylbenzene
Concen: 53.395 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.3	81.8
134	27.1	13.5	40.5

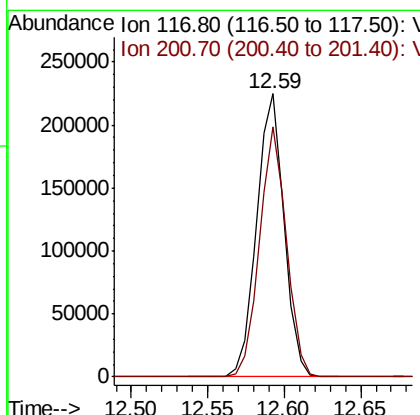
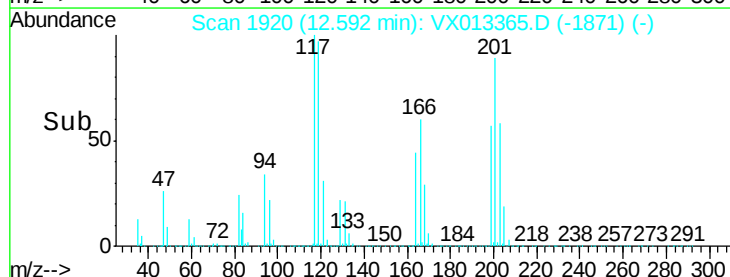
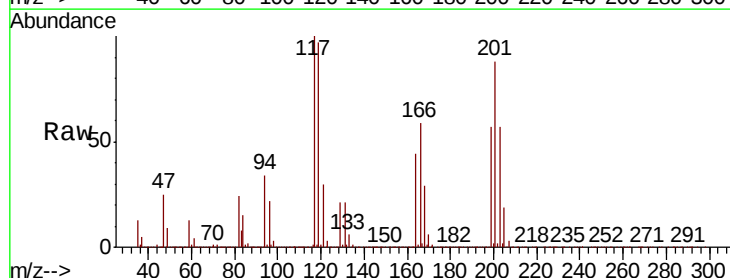
Manual Integrations
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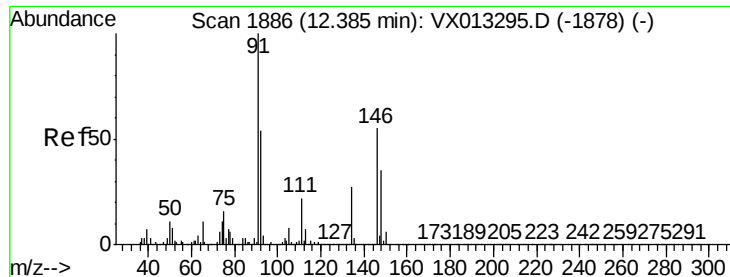
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#90
Hexachloroethane
Concen: 53.856 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	43.9	131.7





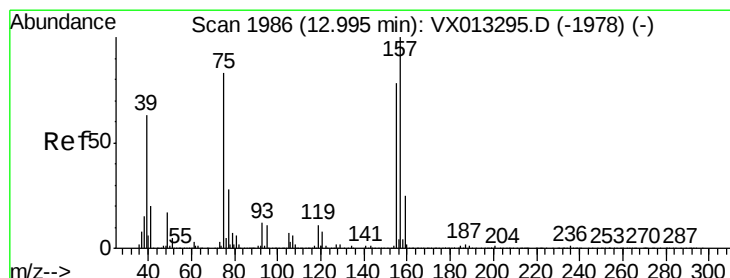
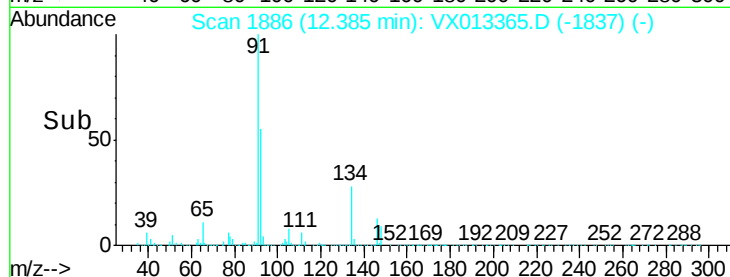
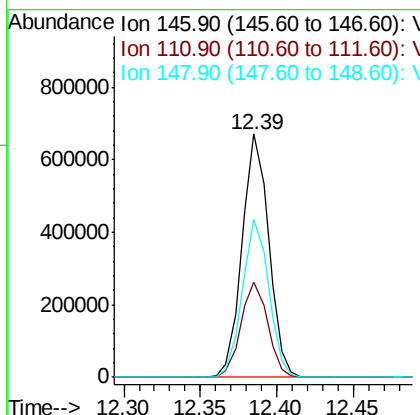
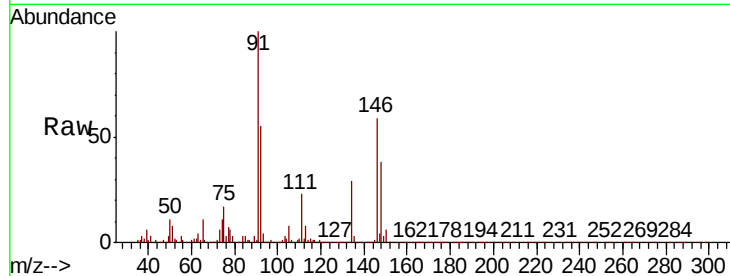
#91
 1,2-Dichlorobenzene
 Concen: 52.092 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	64.4	32.0	96.0

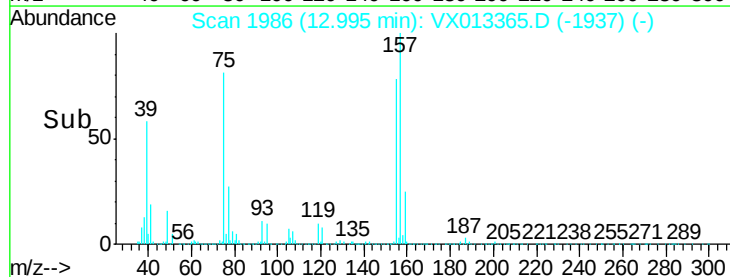
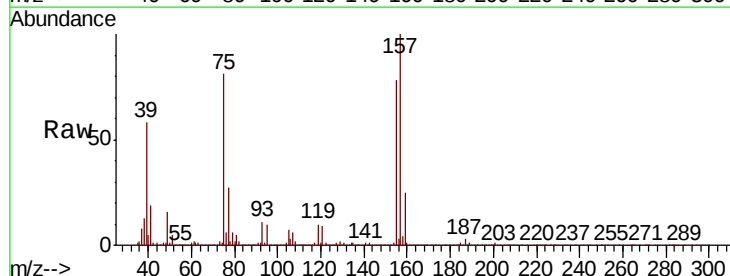
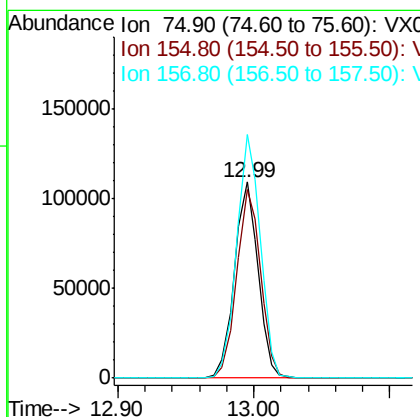
Manual Integrations
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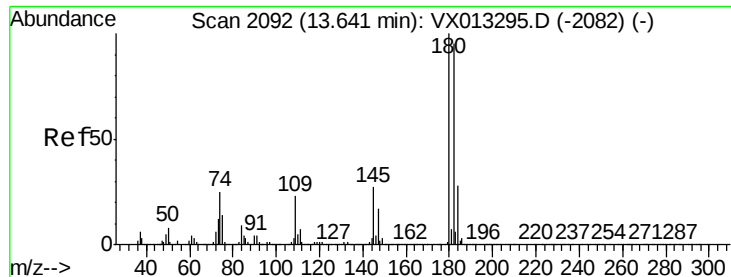
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.277 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	47.1	141.4
157	124.8	61.3	183.8





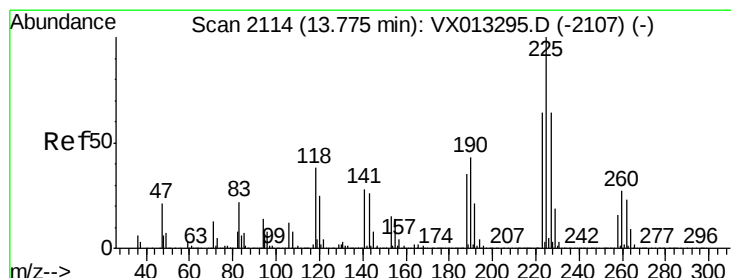
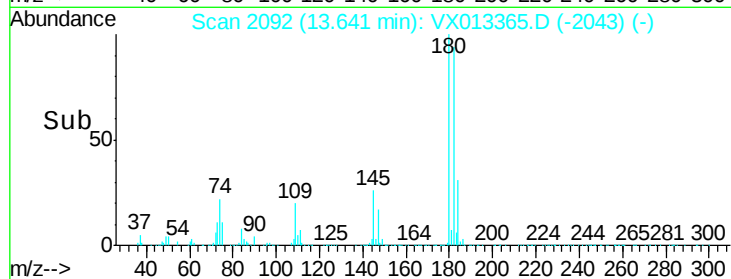
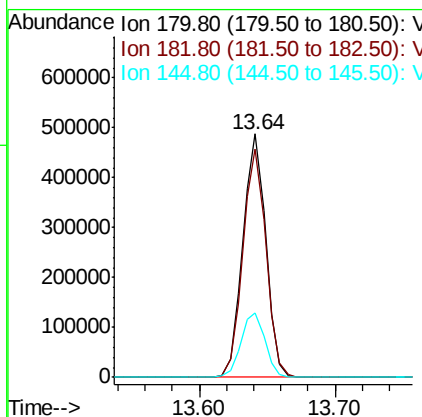
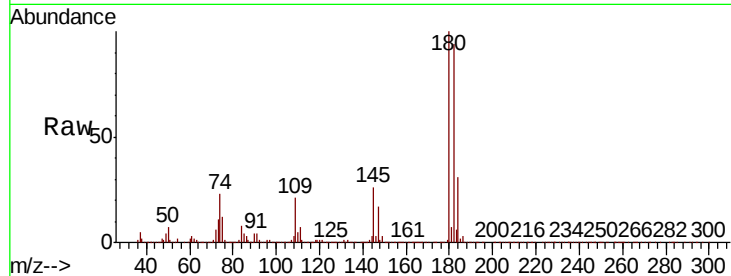
#93
 1,2,4-Trichlorobenzene
 Concen: 52.629 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	574114		
182	94.7	48.4	145.0	
145	27.9	14.1	42.4	

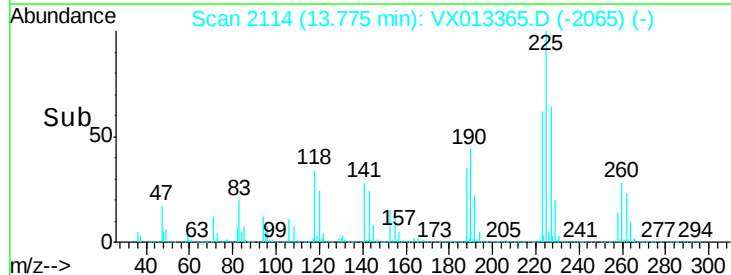
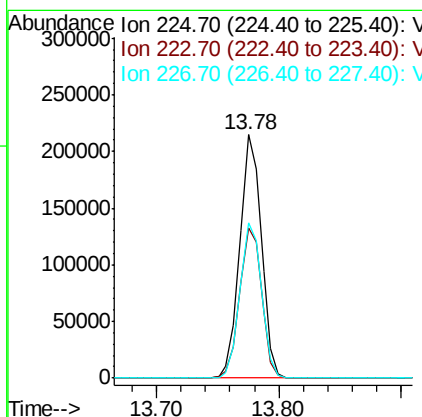
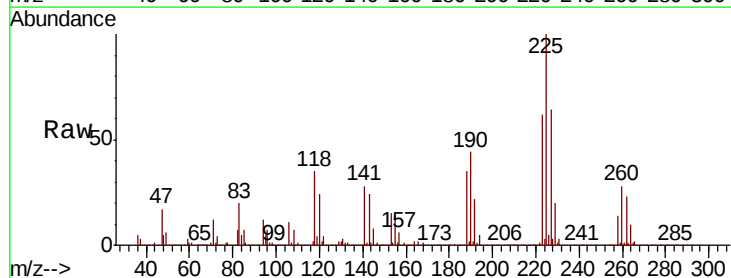
Manual Integrations
 APPROVED

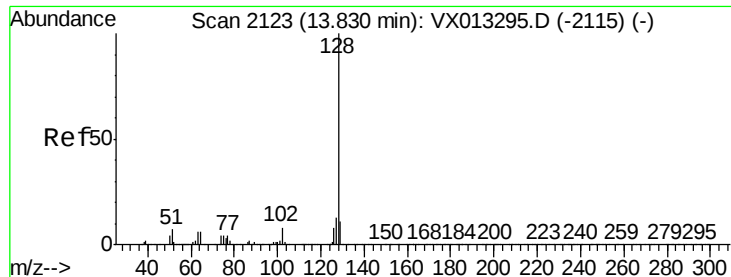
MMDadoda
 11/11/2019 3:34:24 PM



#94
 Hexachlorobutadiene
 Concen: 48.957 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	261280		
223	63.0	31.9	95.7	
227	63.7	31.9	95.9	





#95

Naphthalene

Concen: 53.137 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

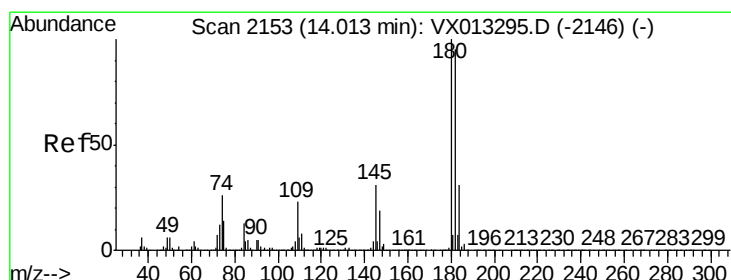
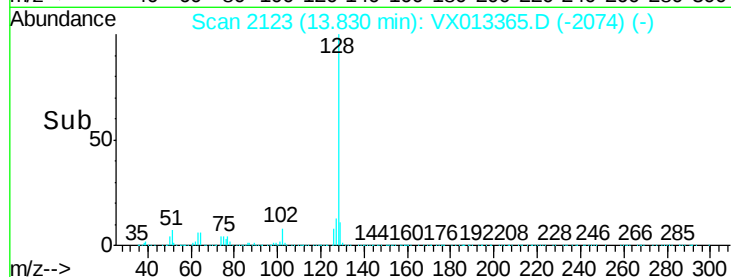
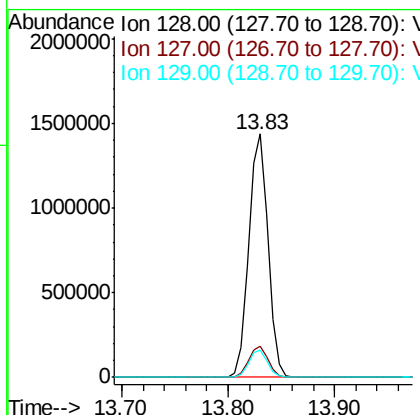
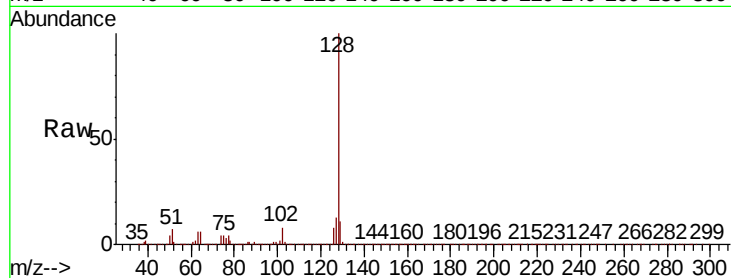
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	1818674
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/11/2019 3:34:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.461 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion:	180	Resp:	562990
Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.0	144.2
145	30.7	15.4	46.4

