

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013355.D
 Acq On : 08 Nov 2019 11:44
 Operator : JC/SP
 Sample : VX1108WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:34:20 PM

Quant Time: Nov 11 03:23:04 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	5.64	168	747016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1114177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	995945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	500762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	419108	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.48	113	343976	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.70	98	1329332	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	473073	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	159882	18.576	ug/l	99
3) Chloromethane	1.31	50	173326	18.570	ug/l	99
4) Vinyl Chloride	1.40	62	198617	18.691	ug/l	100
5) Bromomethane	1.62	94	113700	15.354	ug/l	99
6) Chloroethane	1.72	64	111984	17.665	ug/l	99
7) Trichlorofluoromethane	1.92	101	221822	17.669	ug/l	96
8) Diethyl Ether	2.17	74	98320	17.710	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135532	19.369	ug/l	99
10) Methyl Iodide	2.50	142	152253	17.575	ug/l	98
11) Tert butyl alcohol	3.02	59	176485	75.661	ug/l	100
12) 1,1-Dichloroethene	2.36	96	134163	19.579	ug/l	98
13) Acrolein	2.28	56	107801	85.273	ug/l	99
14) Allyl chloride	2.72	41	241102	19.365	ug/l	97
15) Acrylonitrile	3.12	53	394054	90.438	ug/l	99
16) Acetone	2.42	43	380064	86.100	ug/l	100
17) Carbon Disulfide	2.56	76	345551	18.841	ug/l	99
18) Methyl Acetate	2.75	43	221994	18.216	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	448553	19.627	ug/l	95
20) Methylene Chloride	2.84	84	150106	18.405	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	145214	19.464	ug/l	97
22) Diisopropyl ether	3.83	45	491699	20.456	ug/l #	87
23) Vinyl Acetate	3.80	43	1955426	95.071	ug/l	100
24) 1,1-Dichloroethane	3.68	63	261935	19.480	ug/l	98
25) 2-Butanone	4.65	43	564566	87.182	ug/l	99
26) 2,2-Dichloropropane	4.57	77	214130	20.018	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	165107	19.755	ug/l	99
28) Bromochloromethane	4.99	49	69901	18.309	ug/l	97
29) Tetrahydrofuran	5.11	42	348405	87.306	ug/l	99
30) Chloroform	5.19	83	258564	19.474	ug/l	100
31) Cyclohexane	5.56	56	234756	19.402	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	220099	19.262	ug/l	98
36) 1,1-Dichloropropene	5.79	75	193096	20.202	ug/l	100
37) Ethyl Acetate	4.81	43	211587	17.915	ug/l	99
38) Carbon Tetrachloride	5.76	117	186348	19.937	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237975	19.981	ug/l	99
40) Benzene	6.13	78	589059	19.784	ug/l	99
41) Methacrylonitrile	5.02	41	119097	17.991	ug/l	97
42) 1,2-Dichloroethane	6.17	62	206283	19.208	ug/l	100
43) Isopropyl Acetate	6.42	43	345837	18.804	ug/l	100
44) Trichloroethene	7.20	130	158429	19.331	ug/l	99
45) 1,2-Dichloropropane	7.50	63	152379	20.086	ug/l	97
46) Dibromomethane	7.65	93	97569	18.837	ug/l	97
47) Bromodichloromethane	7.89	83	194019	19.864	ug/l	96
48) Methyl methacrylate	7.76	41	173377	18.885	ug/l	99
49) 1,4-Dioxane	7.73	88	75139	357.385	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1087320	90.111	ug/l	99
52) Toluene	8.78	92	369464	20.021	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	216150	20.238	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	238775	19.986	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	150391	19.662	ug/l	99
56) Ethyl methacrylate	9.17	69	234437	18.955	ug/l	97
57) 1,3-Dichloropropane	9.36	76	256634	19.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	491156	93.914	ug/l	99
59) 2-Hexanone	9.48	43	844787	90.597	ug/l	100
60) Dibromochloromethane	9.57	129	156201	19.968	ug/l	99
61) 1,2-Dibromoethane	9.67	107	158272	19.487	ug/l	99
64) Tetrachloroethene	9.33	164	143429	20.117	ug/l	98
65) Chlorobenzene	10.13	112	400027	19.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	148105	20.005	ug/l	99
67) Ethyl Benzene	10.25	91	712523	20.475	ug/l	99
68) m/p-Xylenes	10.36	106	541437	41.140	ug/l	98
69) o-Xylene	10.69	106	258574	20.068	ug/l	99
70) Styrene	10.71	104	443173	20.576	ug/l	98
71) Bromoform	10.85	173	119083	19.439	ug/l #	98
73) Isopropylbenzene	11.01	105	700155	21.088	ug/l	100
74) N-amyl acetate	10.89	43	302181	19.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	232253	19.175	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191903m	18.867	ug/l	
77) Bromobenzene	11.25	156	180512	20.394	ug/l	96
78) n-propylbenzene	11.35	91	794295	21.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	463157	20.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	581932	21.043	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	74258	18.792	ug/l	100
82) 4-Chlorotoluene	11.51	91	533638	20.458	ug/l	100
83) tert-Butylbenzene	11.76	119	581718	20.896	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	585807	21.116	ug/l	100
85) sec-Butylbenzene	11.94	105	670764	20.965	ug/l	99
86) p-Isopropyltoluene	12.06	119	630473	21.400	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318044	20.159	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	321237	19.984	ug/l	100
89) n-Butylbenzene	12.39	91	529689	20.605	ug/l	99
90) Hexachloroethane	12.59	117	107811	20.539	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	325135	20.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49182	16.667	ug/l	97

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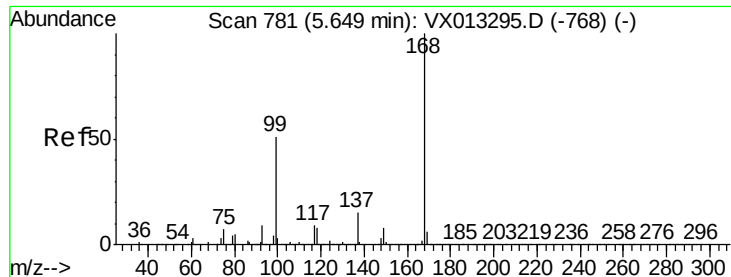
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	224080	20.369	ug/l	98
94) Hexachlorobutadiene	13.78	225	104160	19.353	ug/l	98
95) Naphthalene	13.83	128	661472	19.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	219283	19.876	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion:168 Resp: 747016

Ion Ratio Lower Upper

168 100

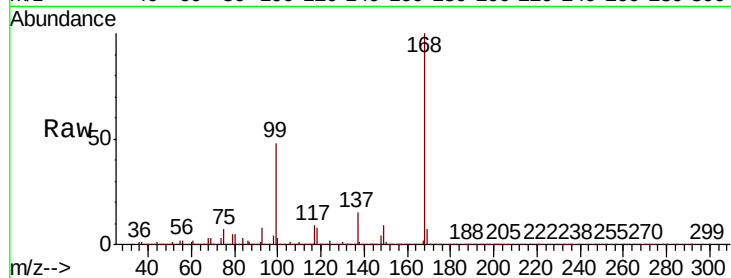
99 47.5 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

300000

250000

200000

150000

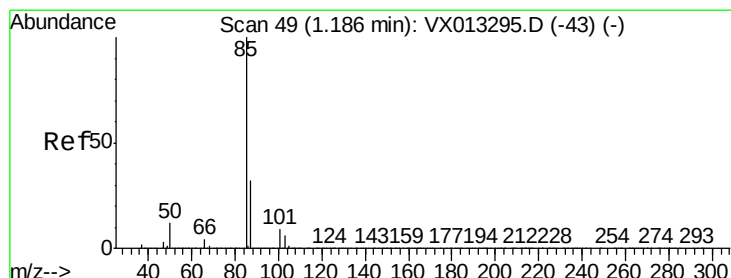
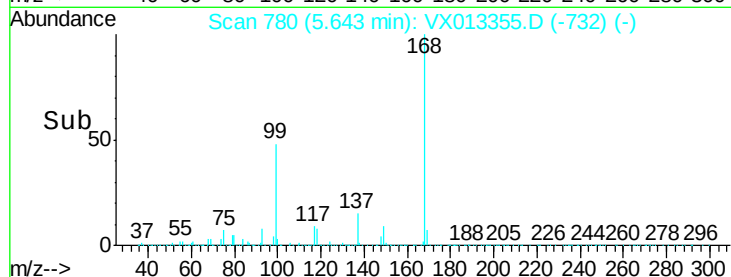
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.576 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013355.D

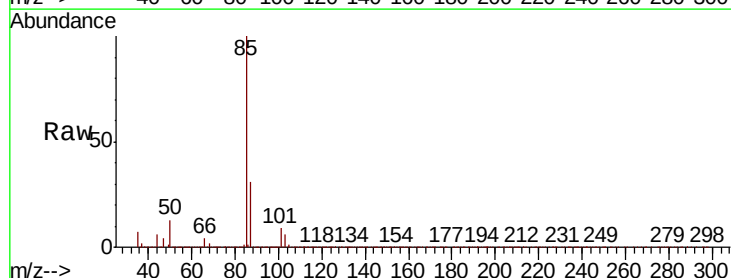
Acq: 08 Nov 2019 11:44

Tgt Ion: 85 Resp: 159882

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

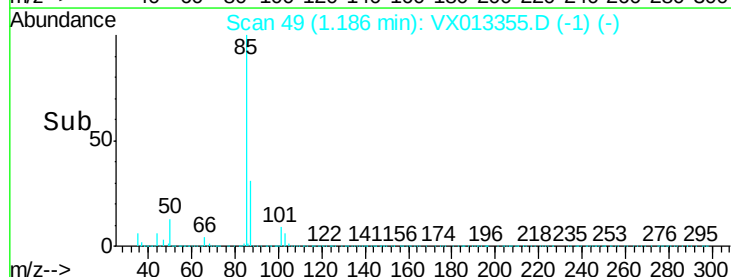
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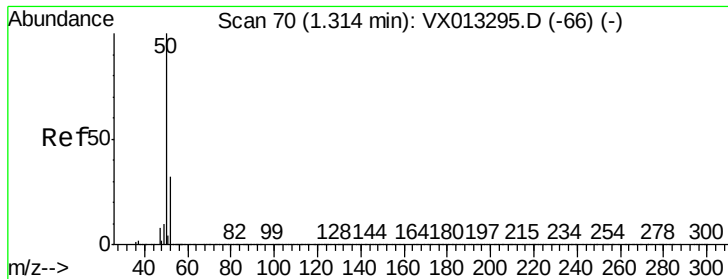
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.570 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 50 Resp: 173326

Ion Ratio Lower Upper

50 100

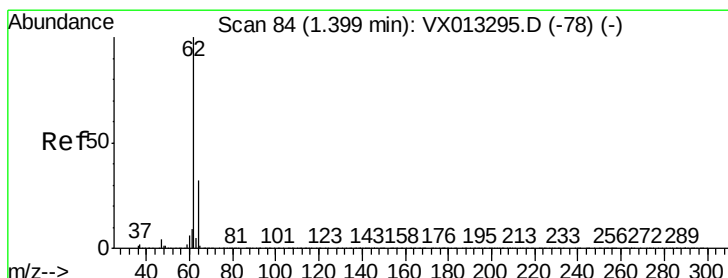
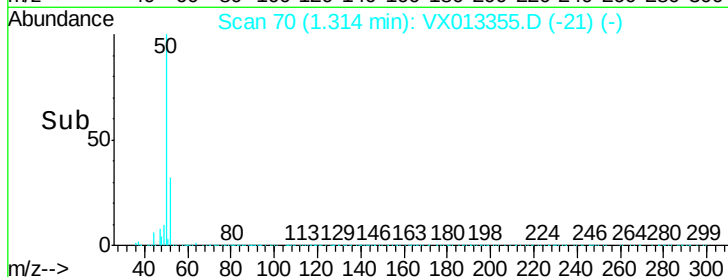
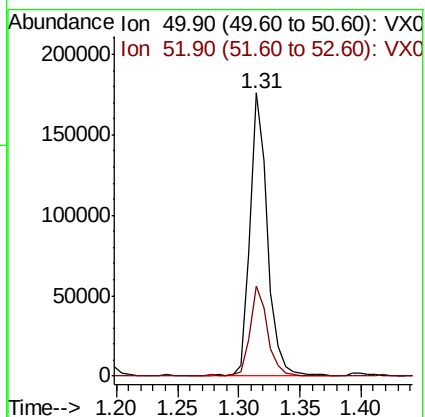
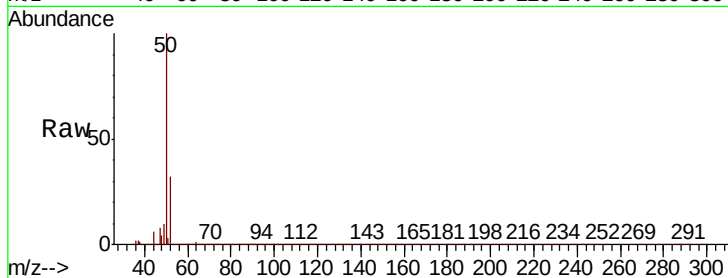
52 31.5 25.5 38.3

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#4

Vinyl Chloride

Concen: 18.691 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013355.D

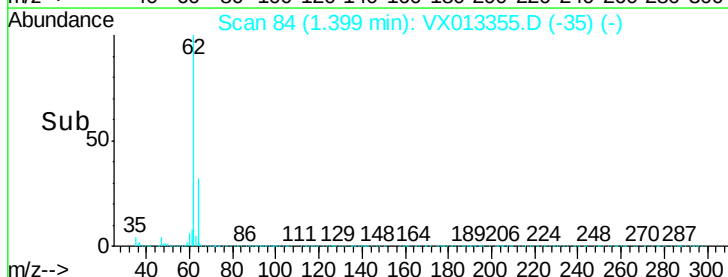
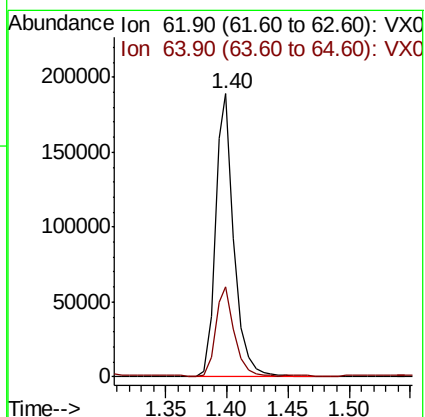
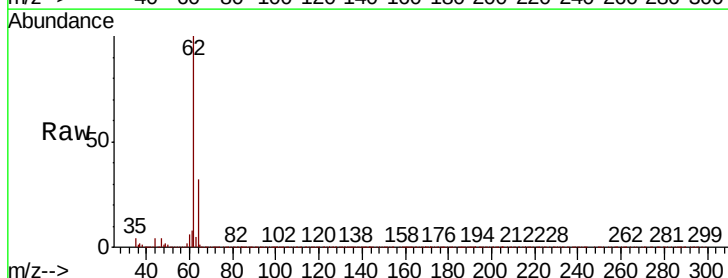
Acq: 08 Nov 2019 11:44

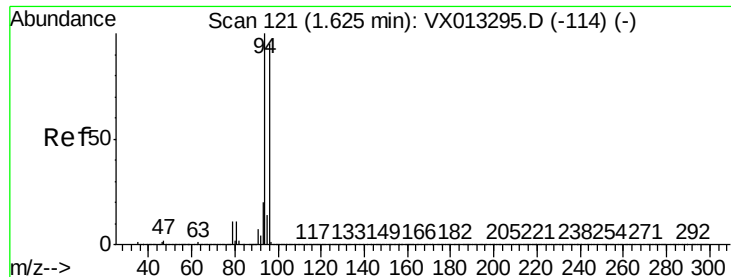
Tgt Ion: 62 Resp: 198617

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 15.354 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 94 Resp: 113700

Ion Ratio Lower Upper

94 100

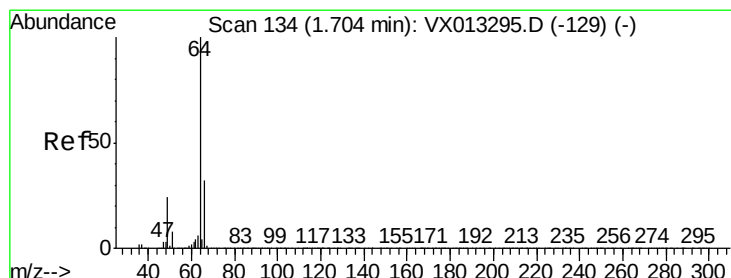
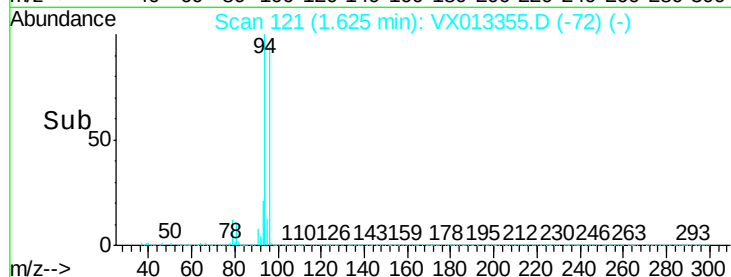
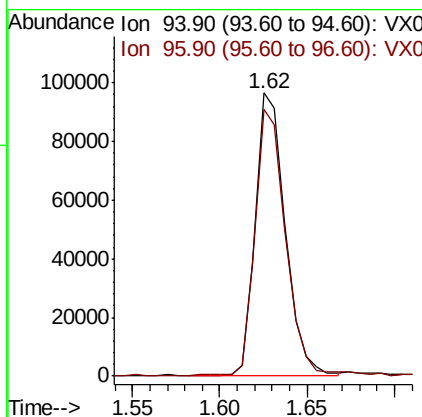
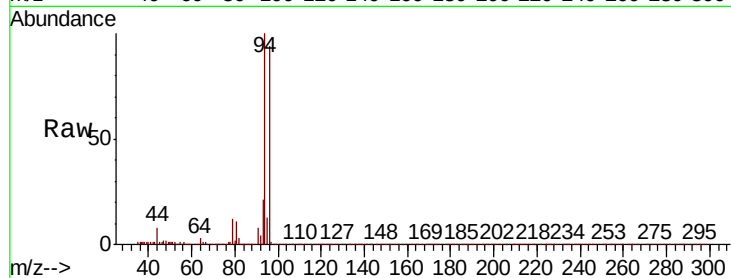
96 94.0 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 17.665 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013355.D

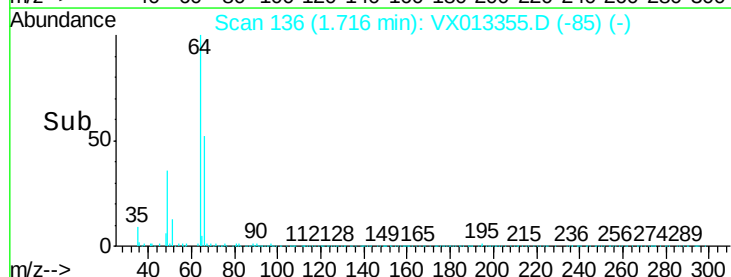
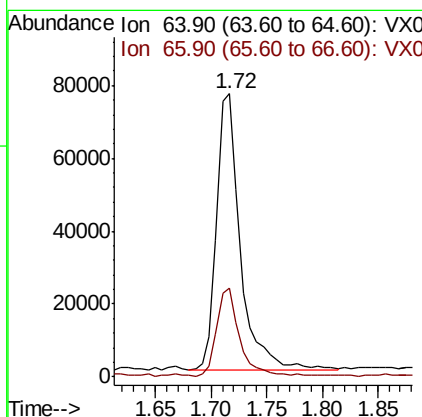
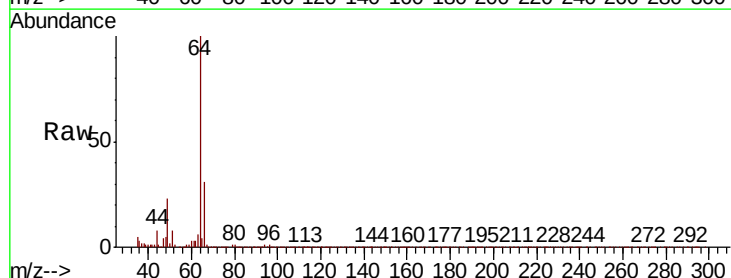
Acq: 08 Nov 2019 11:44

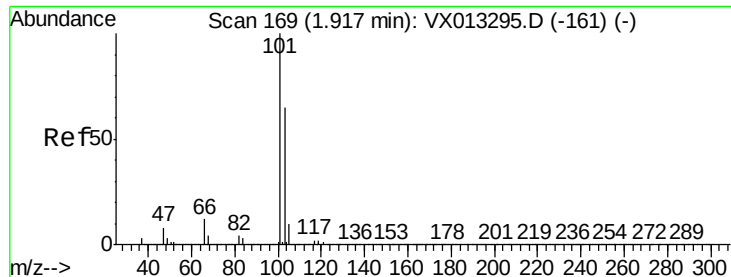
Tgt Ion: 64 Resp: 111984

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4





#7

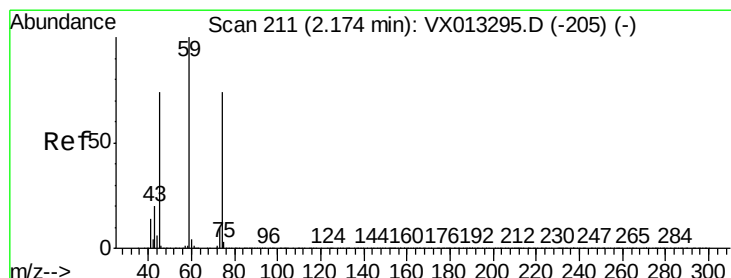
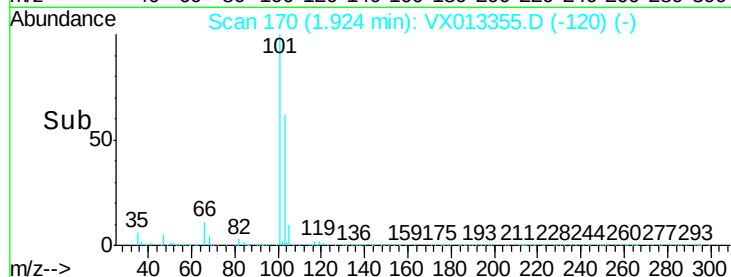
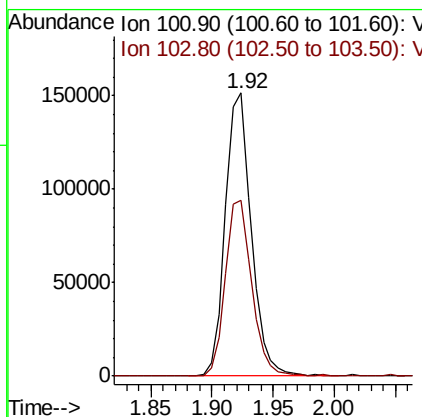
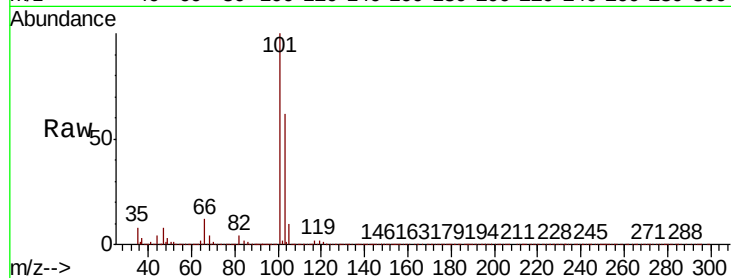
Trichlorofluoromethane
Concen: 17.669 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
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ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	52.3	78.5

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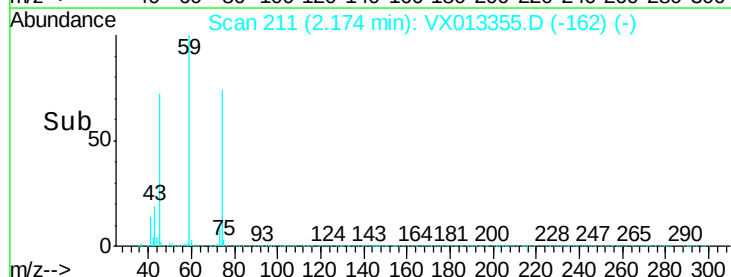
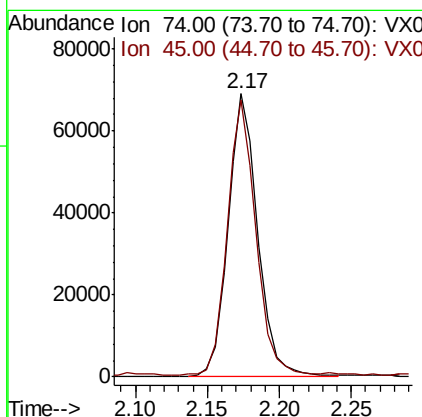
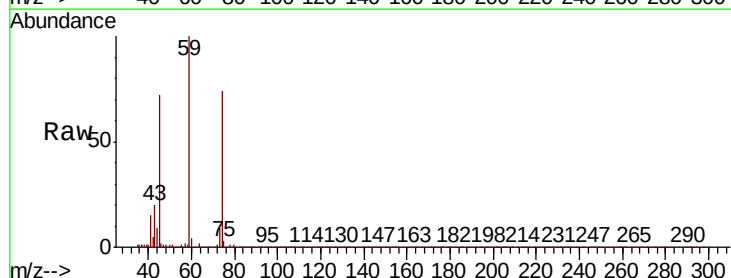
MMDadoda
11/11/2019 3:34:20 PM

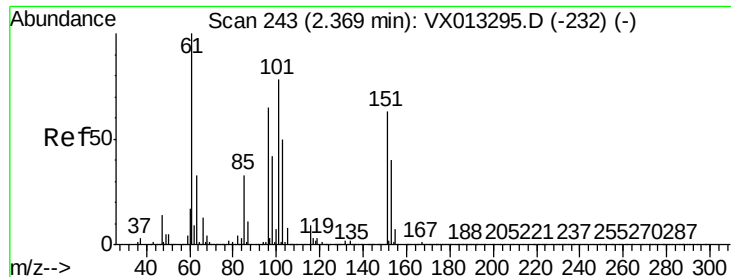


#8

Diethyl Ether
Concen: 17.710 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.369 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

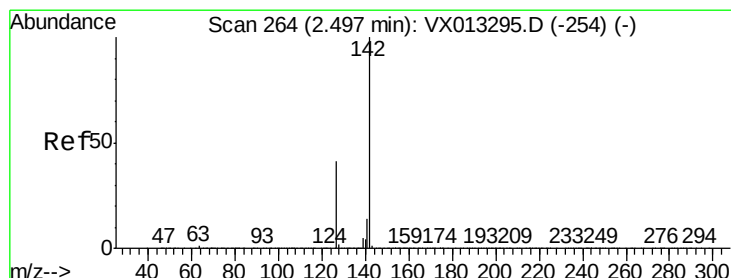
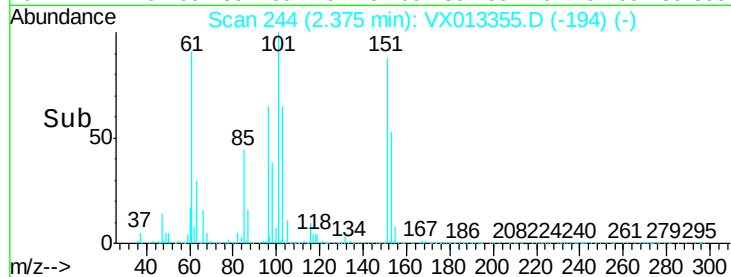
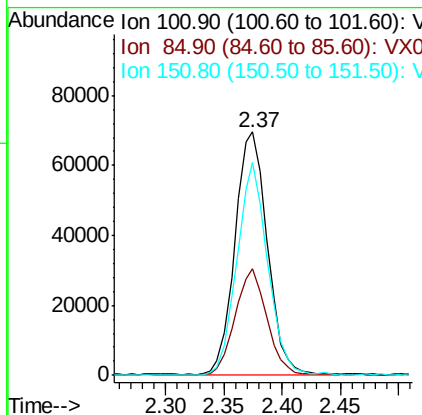
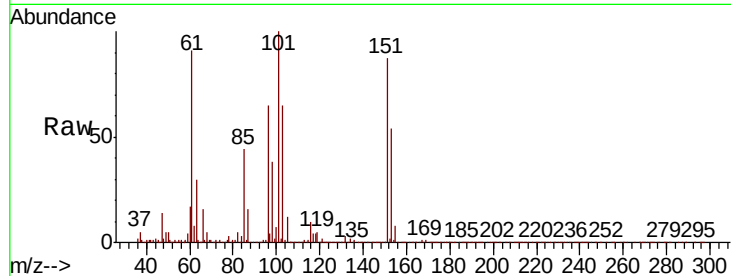
ClientSampleId :

VX1108WBSD01

Tot Ion:	101	Resp:	135532
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	82.2	66.4	99.6

Manual Integrations
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11/11/2019 3:34:20 PM



#10

Methyl Iodide

Concen: 17.575 ug/l

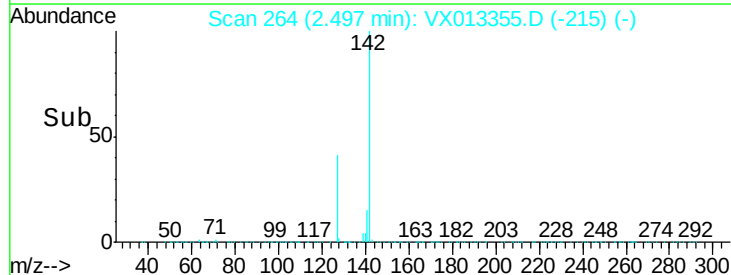
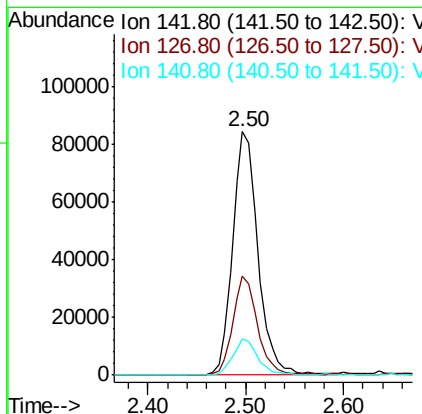
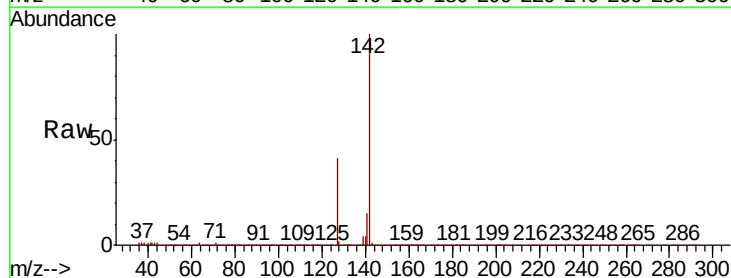
RT: 2.50 min Scan# 264

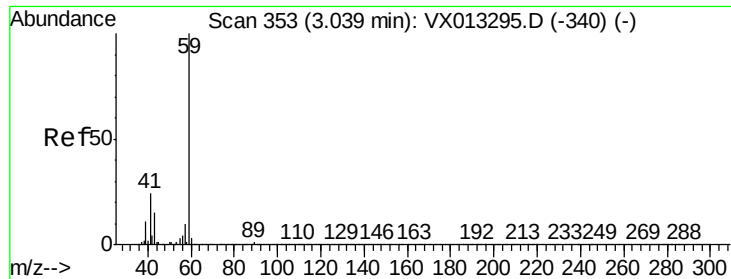
Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion:	142	Resp:	152253
Ion Ratio	Lower	Upper	
142	100		
127	39.0	32.6	49.0
141	14.6	11.6	17.4





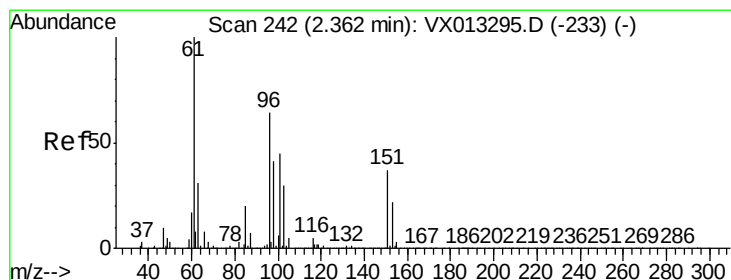
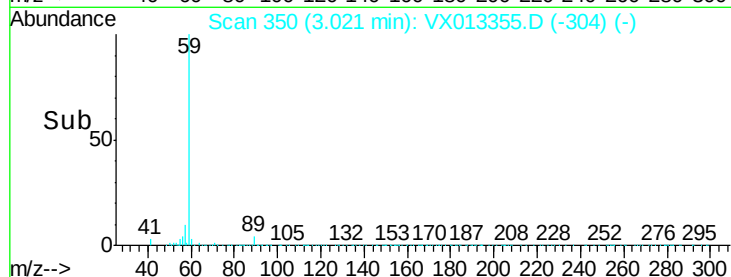
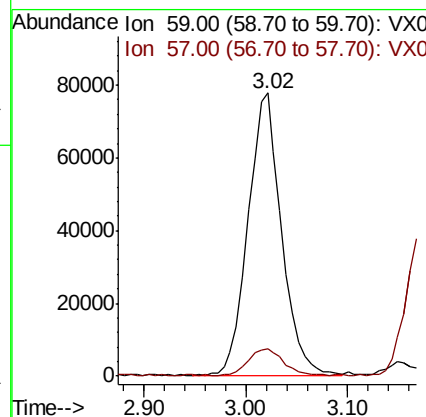
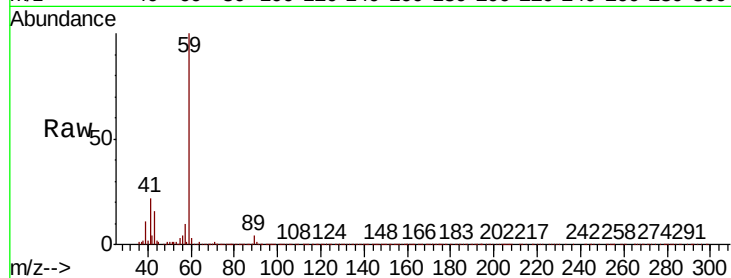
#11
Tert butyl alcohol
Concen: 75.661 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

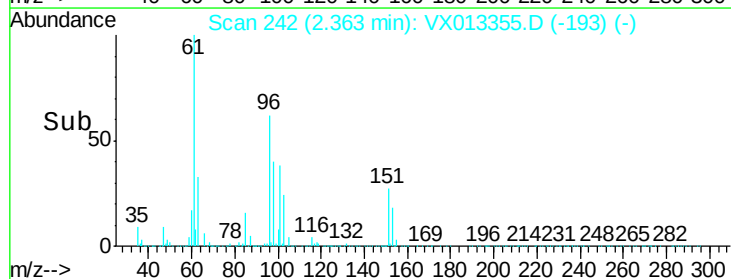
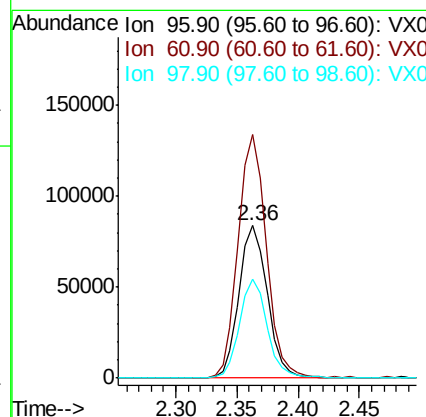
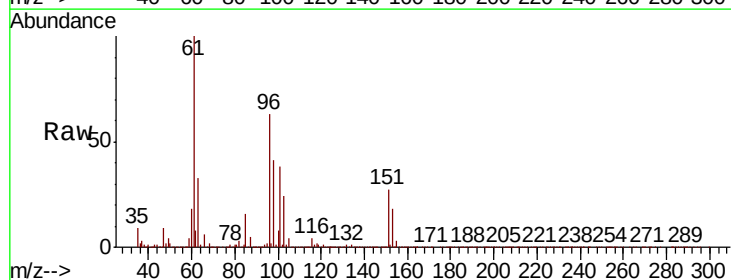
Manual Integrations
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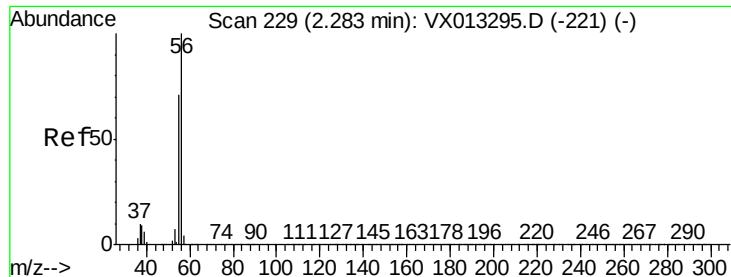
MMDadoda
11/11/2019 3:34:20 PM



#12
1,1-Dichloroethene
Concen: 19.579 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	125.0	187.6
98	64.7	50.7	76.1





#13

Acrolein

Concen: 85.273 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 56 Resp: 107801

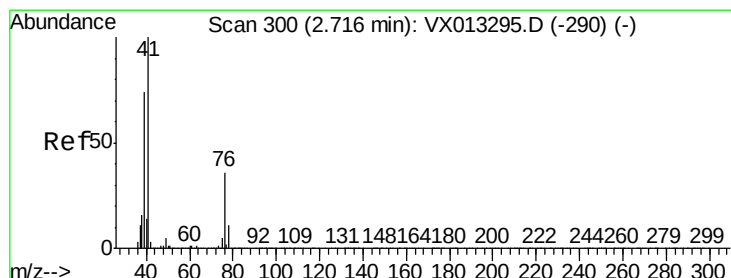
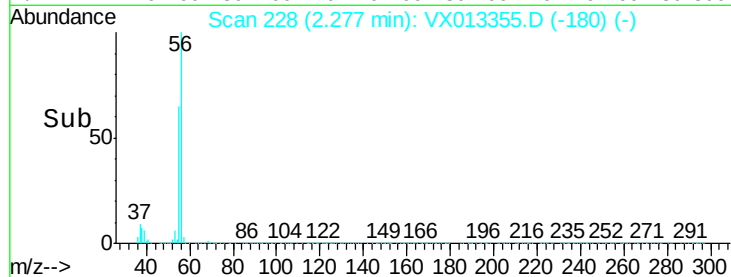
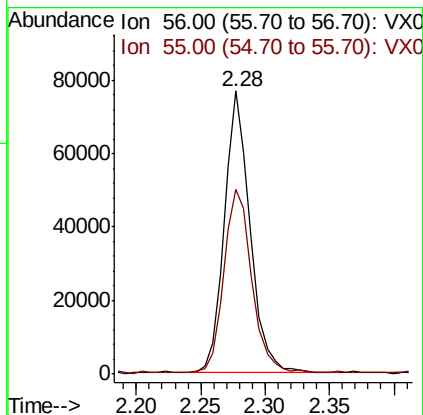
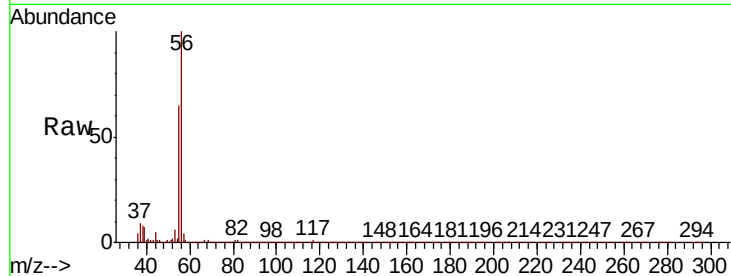
Ion Ratio Lower Upper

56 100

55 70.5 57.4 86.0

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#14

Allyl chloride

Concen: 19.365 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

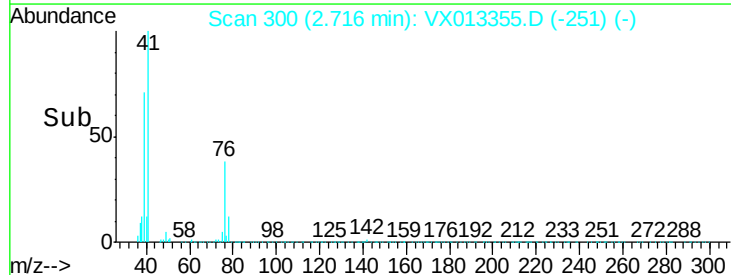
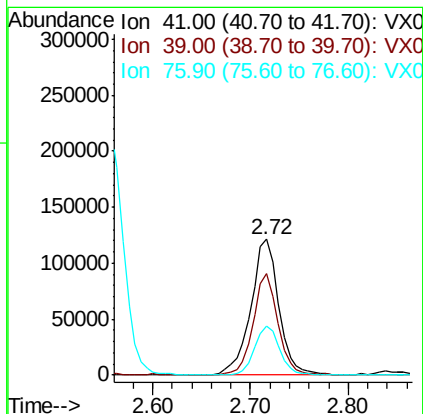
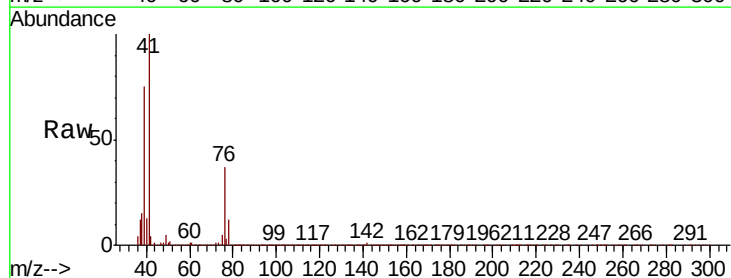
Tgt Ion: 41 Resp: 241102

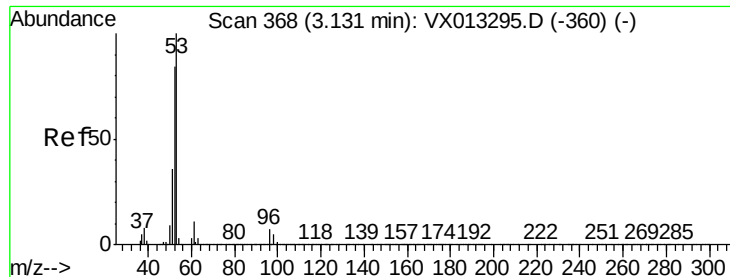
Ion Ratio Lower Upper

41 100

39 66.9 55.8 83.8

76 31.6 26.4 39.6





#15

Acrylonitrile

Concen: 90.438 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

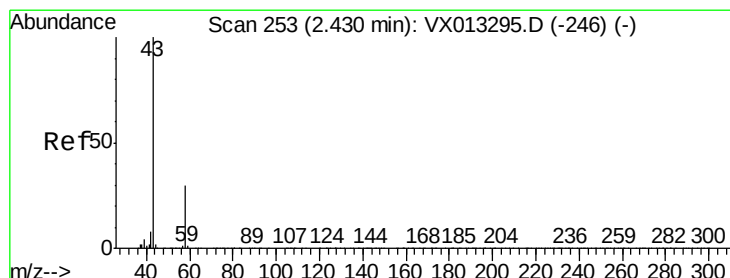
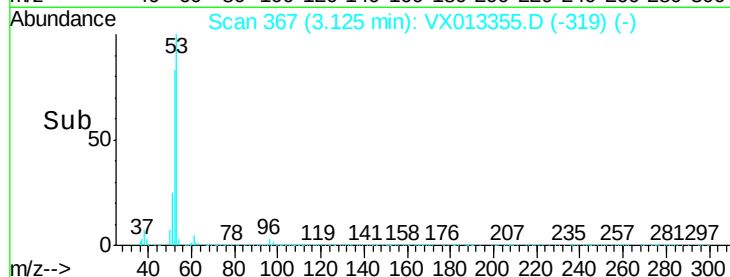
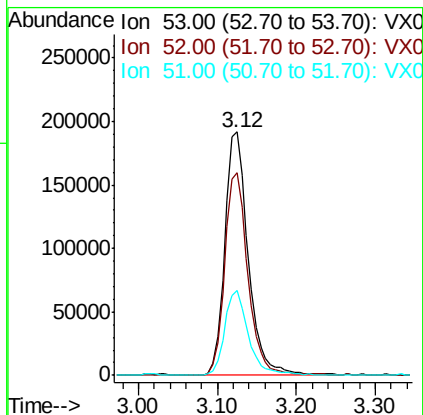
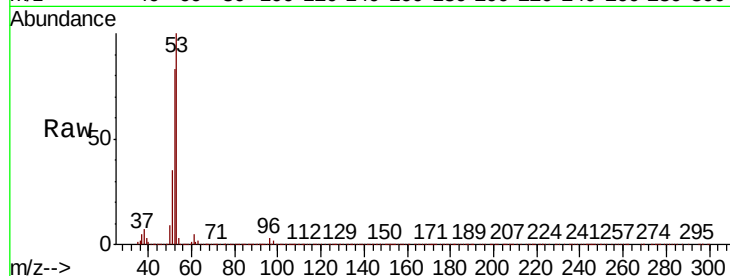
ClientSampleId :

VX1108WBSD01

Tot Ion:	53	Resp:	394054
Ion Ratio		Lower	Upper
53	100		
52	83.4	67.4	101.0
51	35.2	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 86.100 ug/l

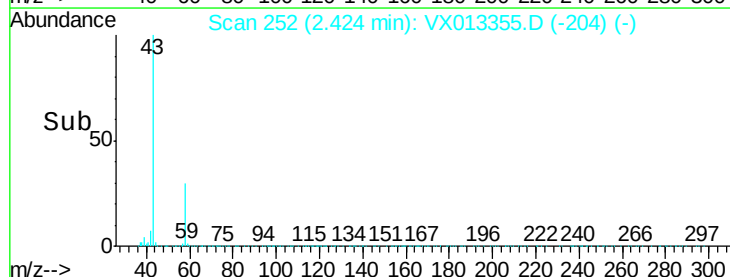
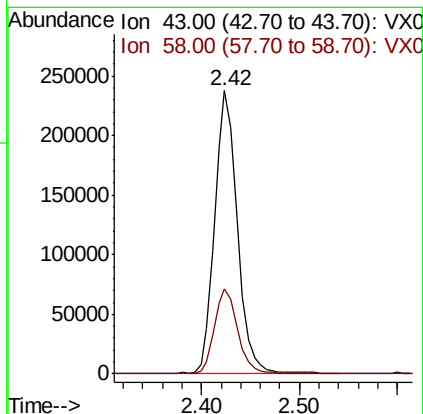
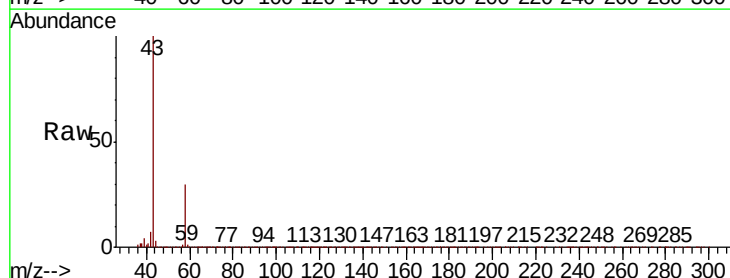
RT: 2.42 min Scan# 252

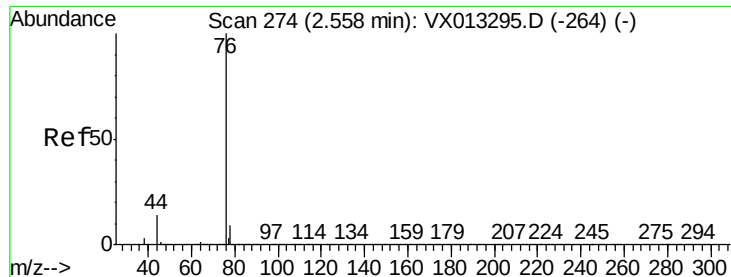
Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion:	43	Resp:	380064
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.3	36.5





#17

Carbon Disulfide

Concen: 18.841 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 76 Resp: 345551

Ion Ratio Lower Upper

76 100

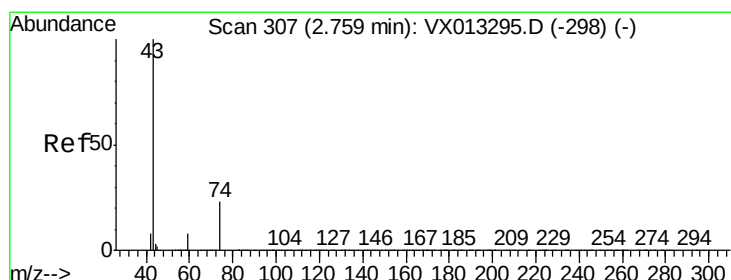
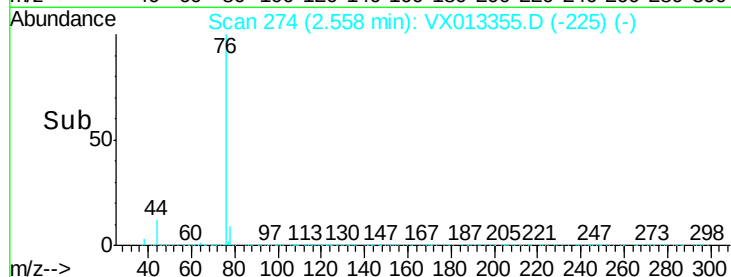
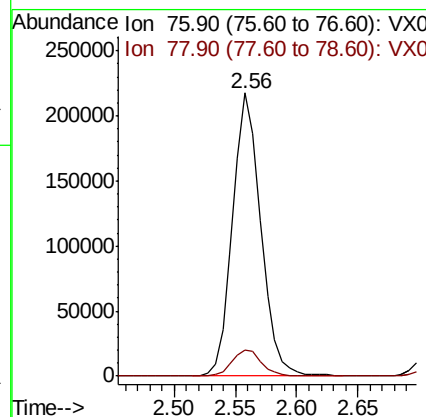
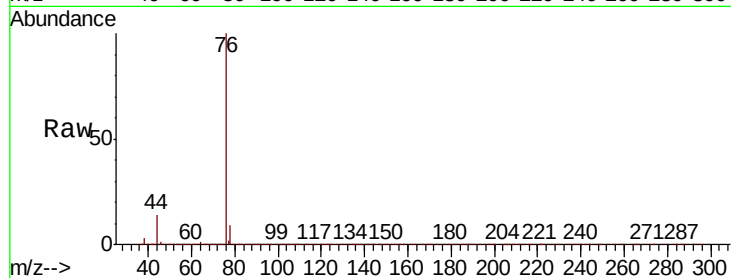
78 9.2 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 18.216 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX013355.D

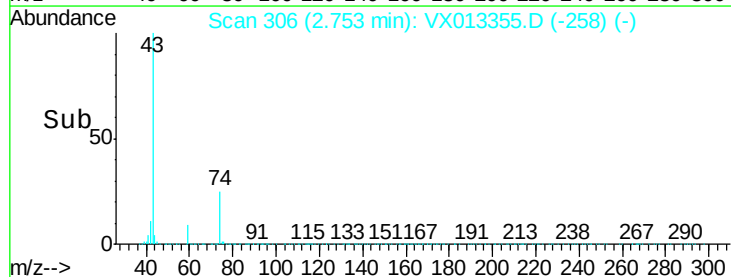
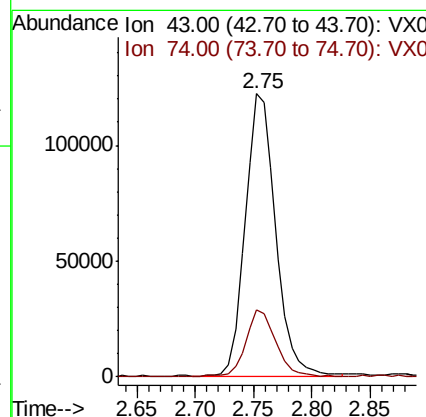
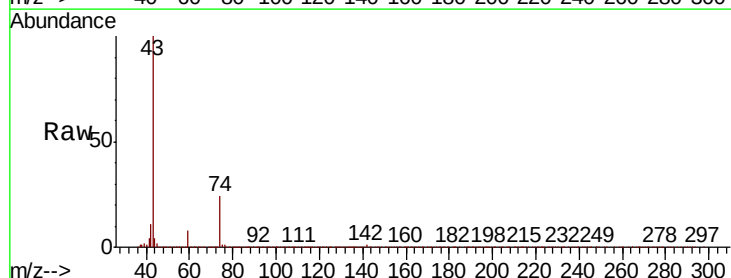
Acq: 08 Nov 2019 11:44

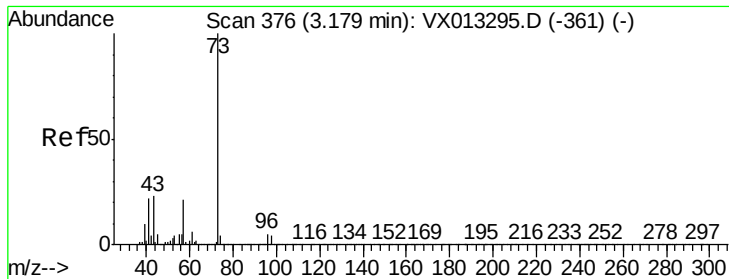
Tgt Ion: 43 Resp: 221994

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6





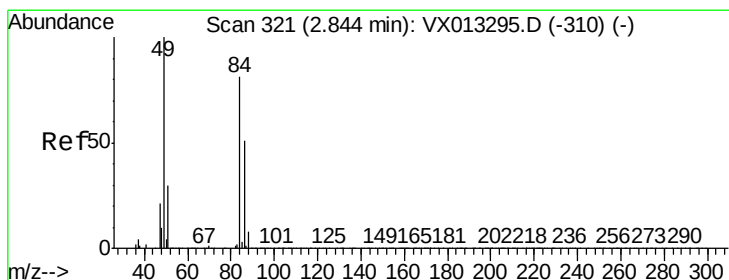
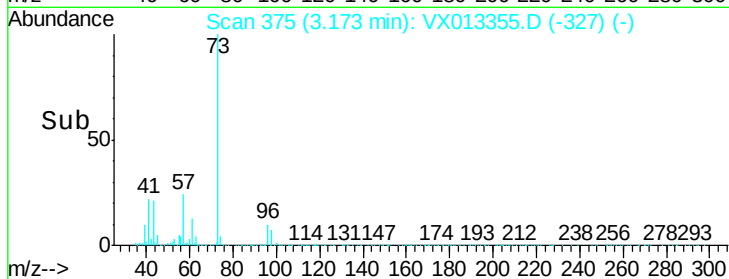
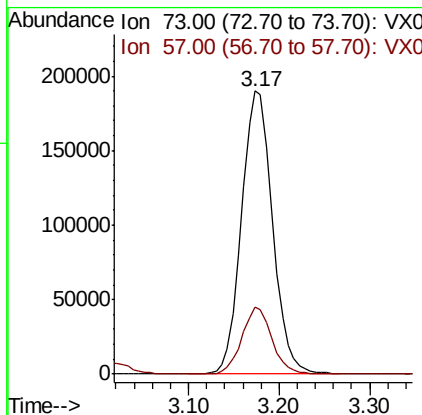
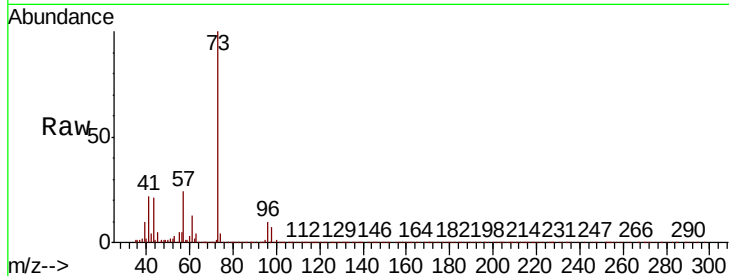
#19
Methyl tert-butyl Ether
Concen: 19.627 ug/l
RT: 3.17 min Scan# 375
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	73	Resp	448553
Ion Ratio	100	Lower	Upper
73	100		
57	23.7	17.1	25.7

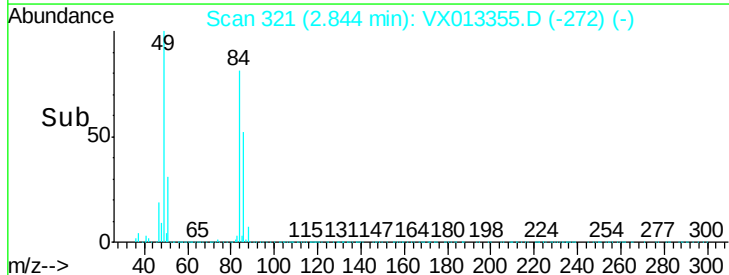
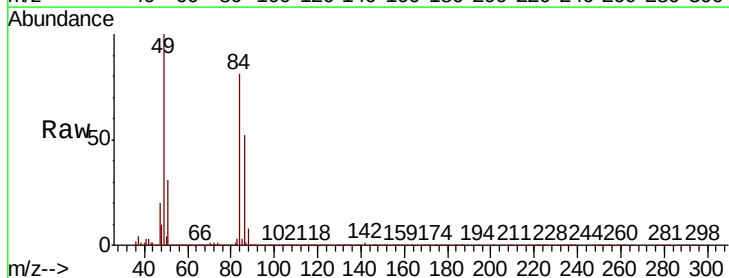
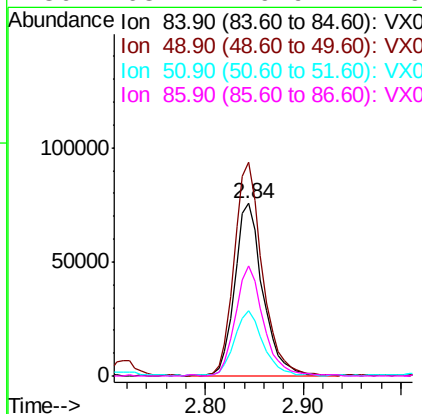
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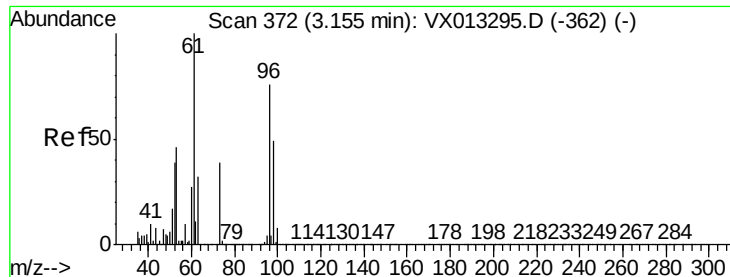
MMDadoda
11/11/2019 3:34:20 PM



#20
Methylene Chloride
Concen: 18.405 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	84	Resp	150106
Ion Ratio	100	Lower	Upper
84	100		
49	123.7	98.2	147.4
51	37.5	29.9	44.9
86	63.7	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.464 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

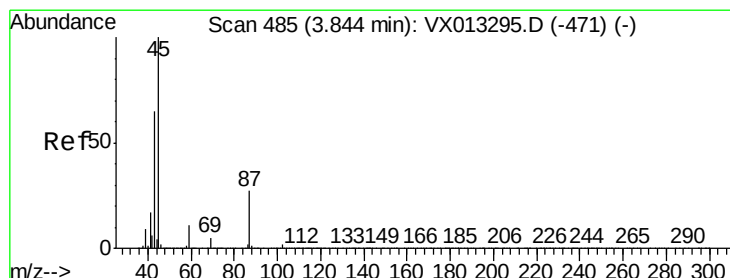
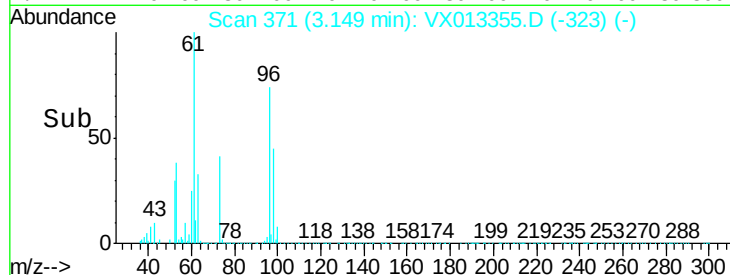
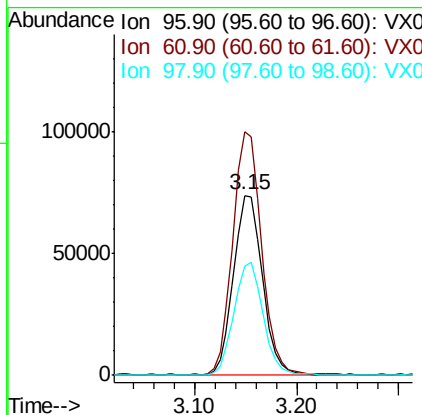
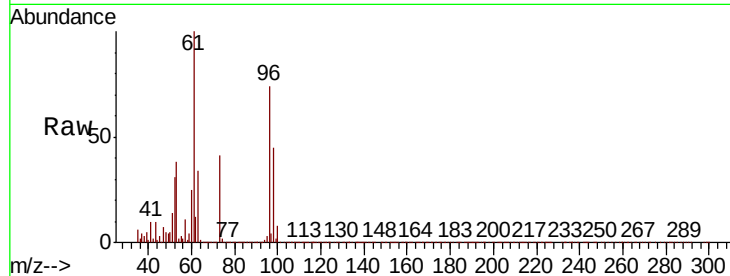
ClientSampleId :

VX1108WBSD01

Tot Ion:	96	Resp:	145214
Ion	Ratio	Lower	Upper
96	100		
61	134.9	105.8	158.6
98	60.7	51.8	77.6

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#22

Diisopropyl ether

Concen: 20.456 ug/l

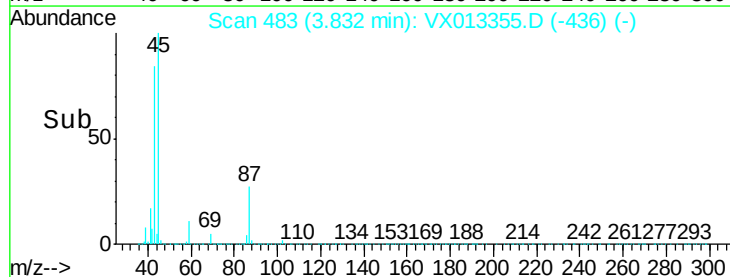
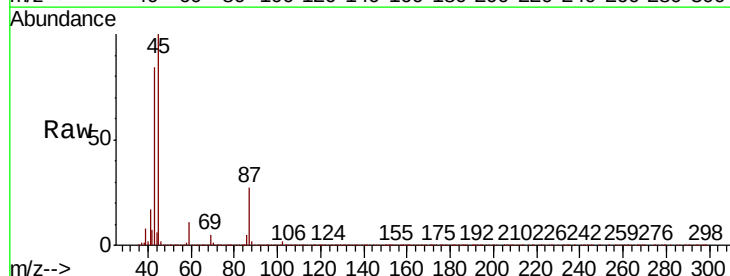
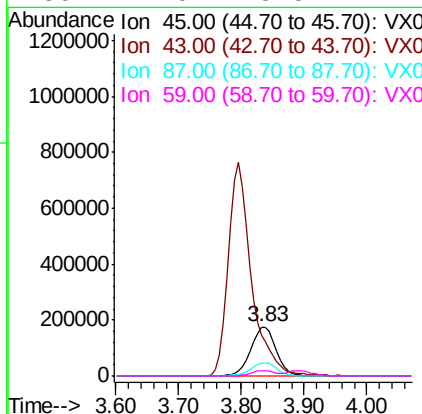
RT: 3.83 min Scan# 483

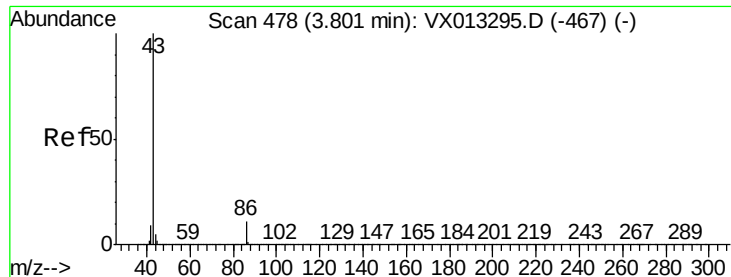
Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion:	45	Resp:	491699
Ion	Ratio	Lower	Upper
45	100		
43	83.3	54.2	81.2#
87	26.8	21.8	32.8
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 95.071 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 43 Resp: 1955426

Ion Ratio Lower Upper

43 100

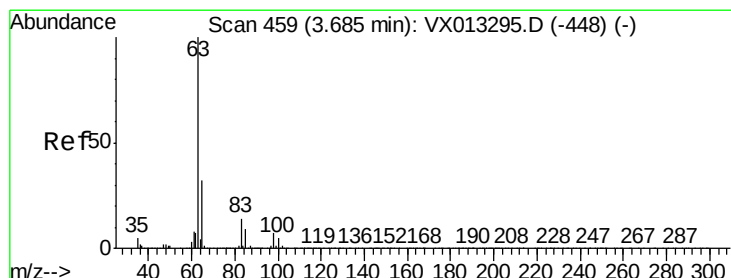
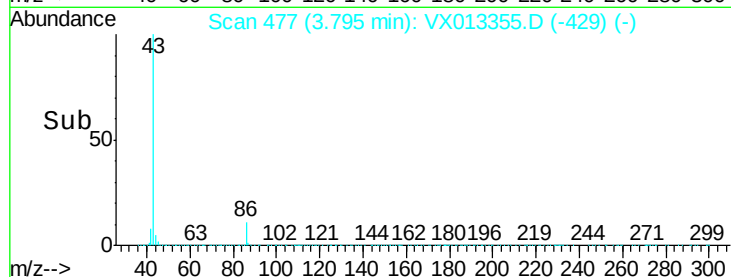
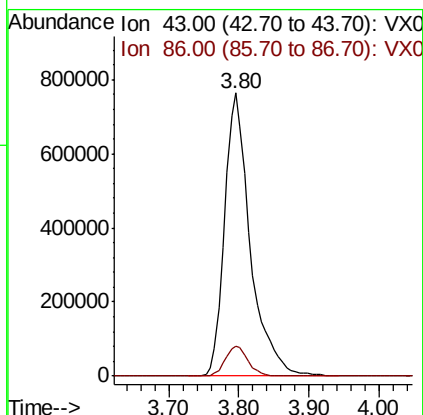
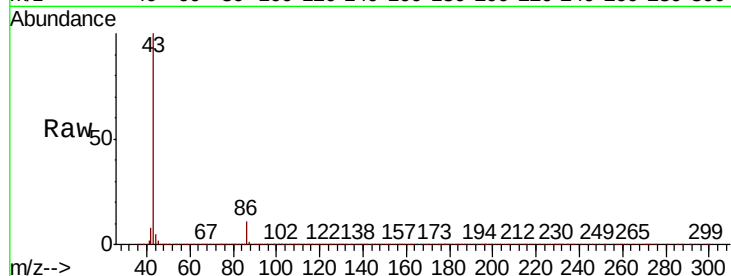
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.480 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

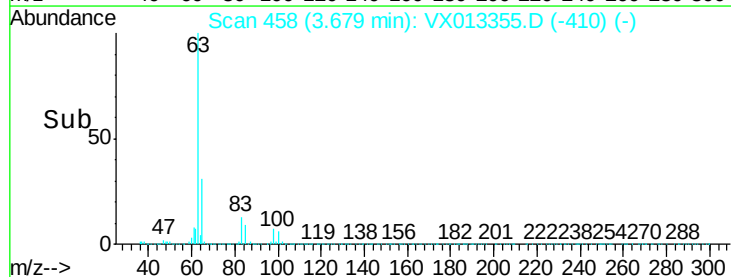
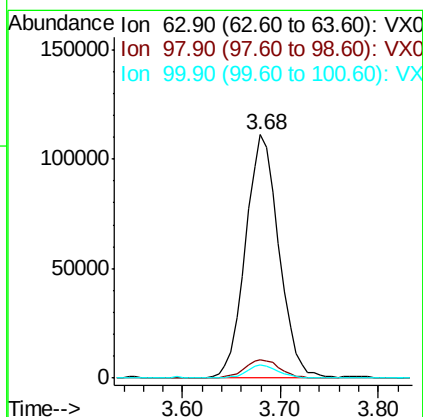
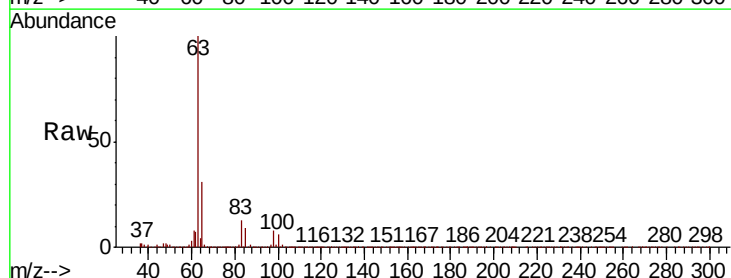
Tgt Ion: 63 Resp: 261935

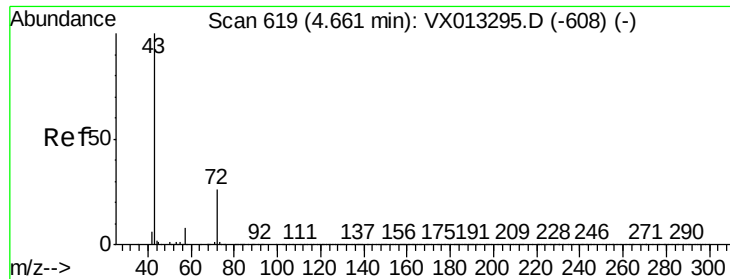
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 5.4 2.4 7.2





#25

2-Butanone

Concen: 87.182 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tot Ion: 43 Resp: 564566

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

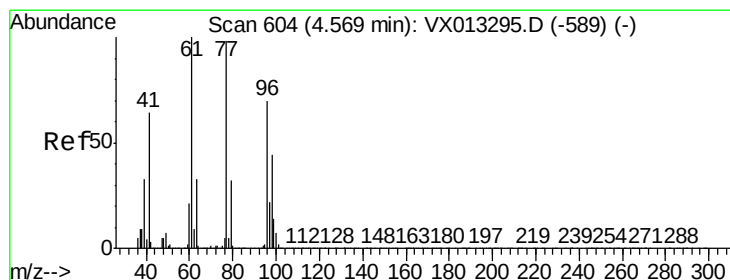
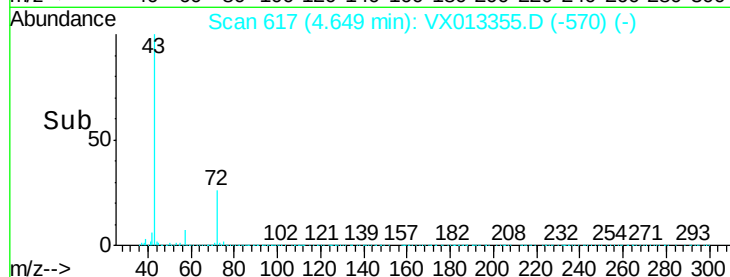
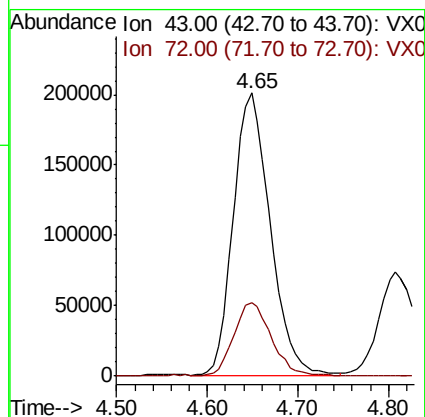
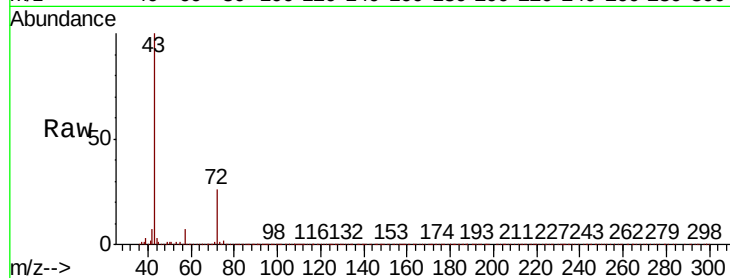
VX1108WBSD01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.018 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013355.D

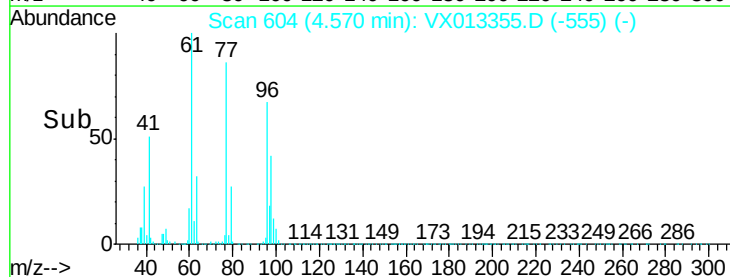
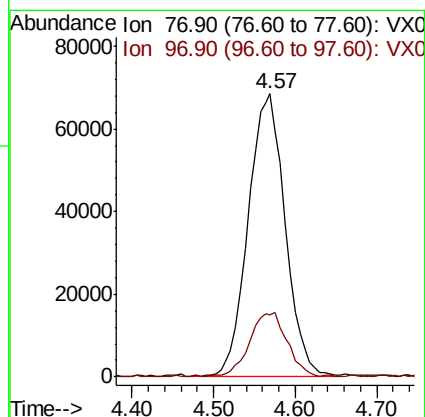
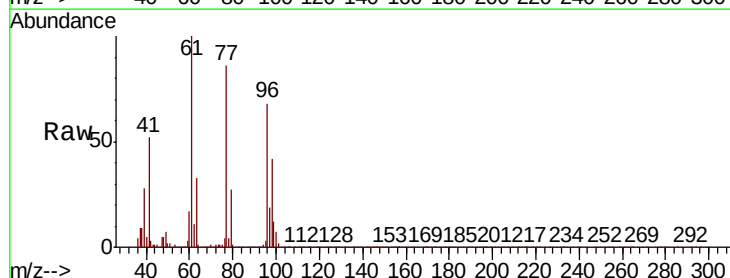
Acq: 08 Nov 2019 11:44

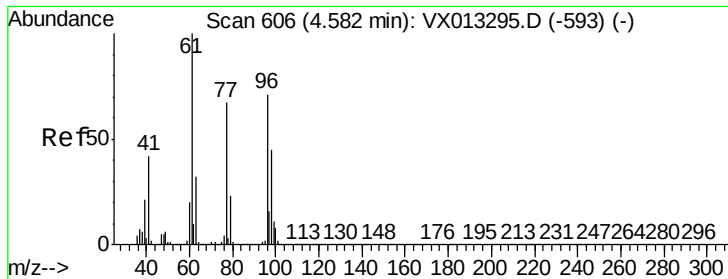
Tgt Ion: 77 Resp: 214130

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8





#27

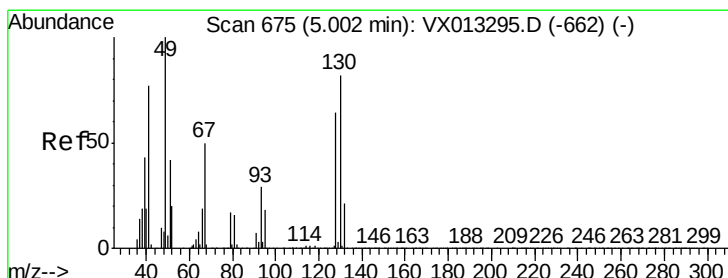
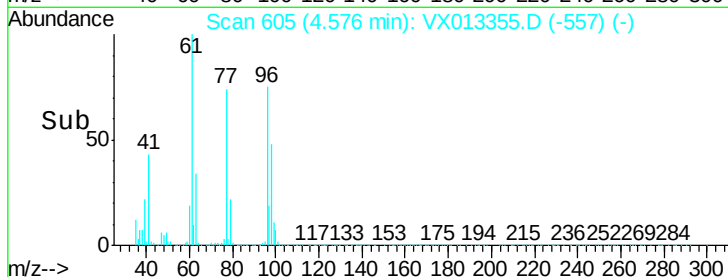
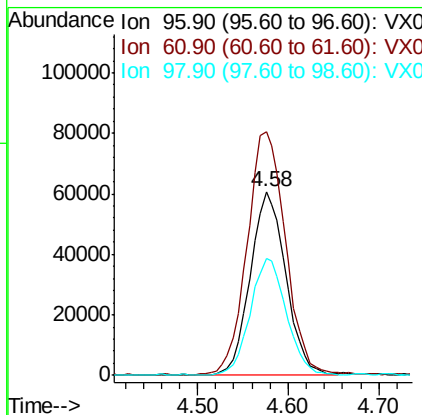
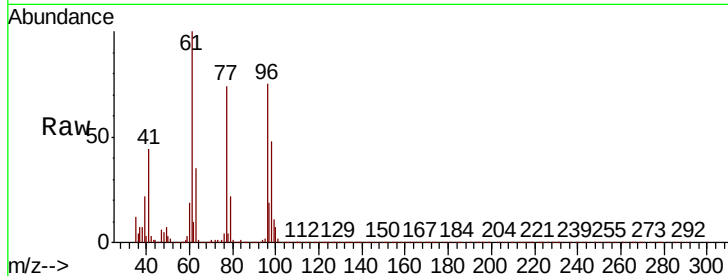
cis-1,2-Dichloroethene
Concen: 19.755 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	165107		
61	142.5	0.0	288.0	
98	64.9	0.0	129.6	

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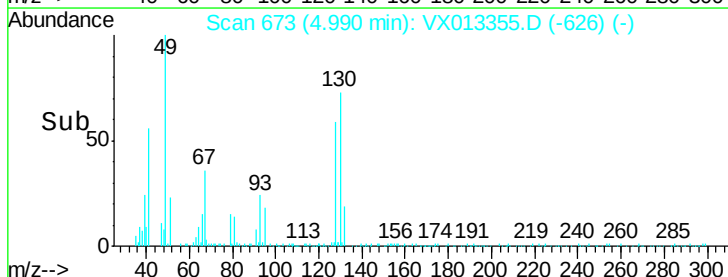
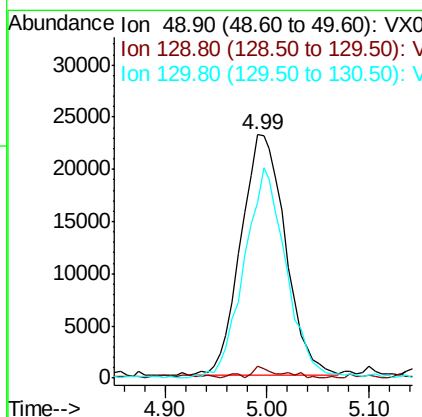
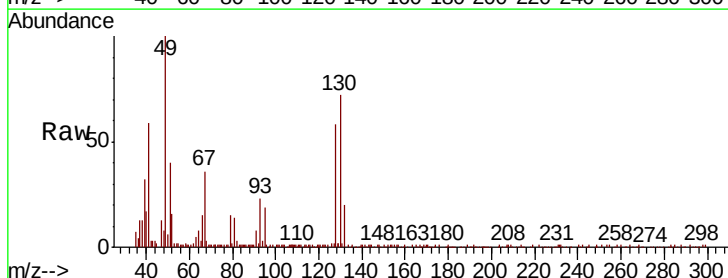
MMDadoda
11/11/2019 3:34:20 PM

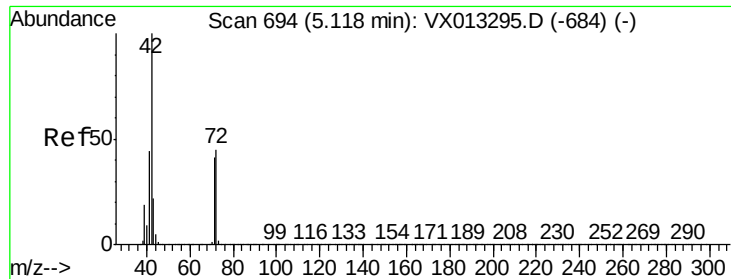


#28

Bromochloromethane
Concen: 18.309 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69901		
129	2.0	0.0	5.2	
130	82.7	63.8	95.6	





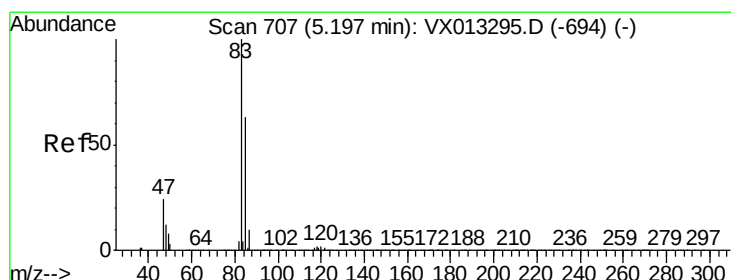
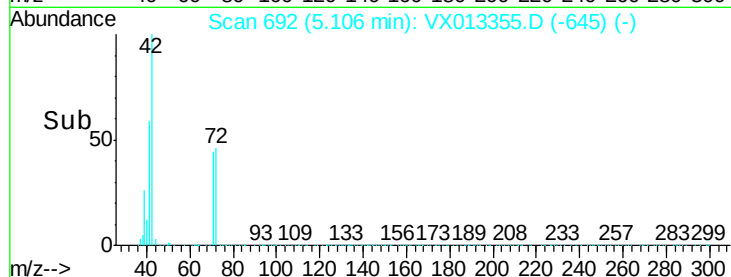
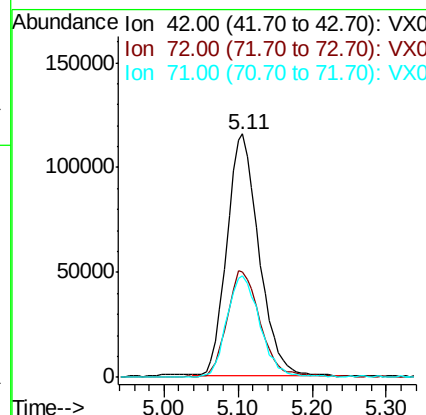
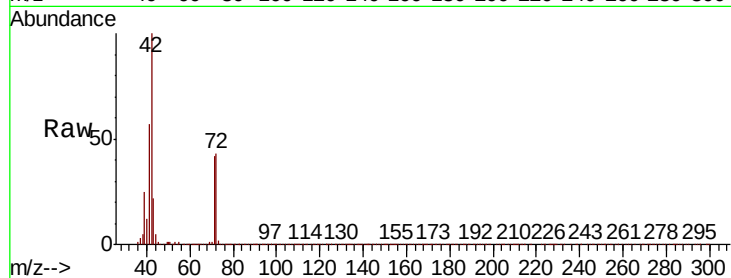
#29
Tetrahydrofuran
Concen: 87.306 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.8	53.8
71	42.5	33.4	50.0

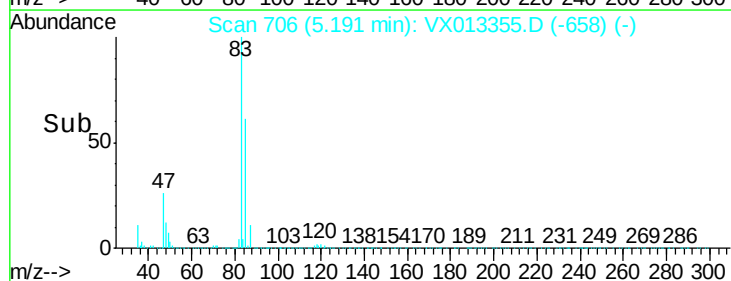
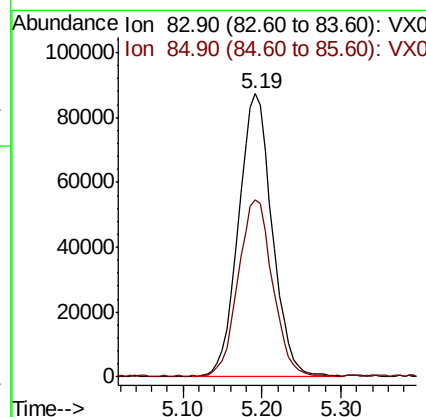
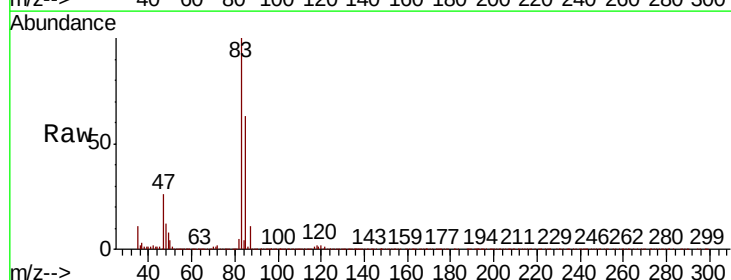
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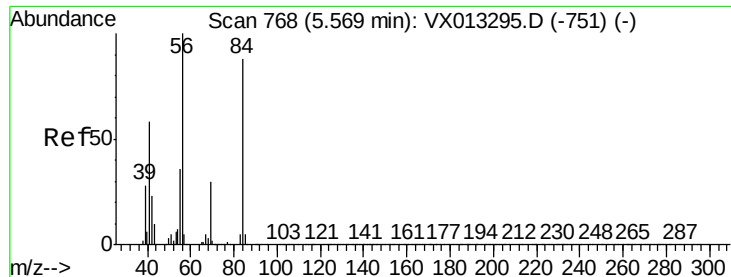
MMDadoda
11/11/2019 3:34:20 PM



#30
Chloroform
Concen: 19.474 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.2	75.4





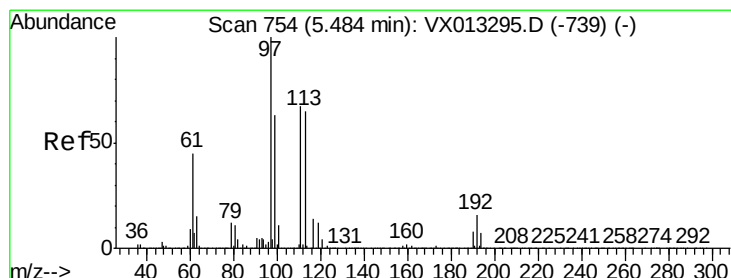
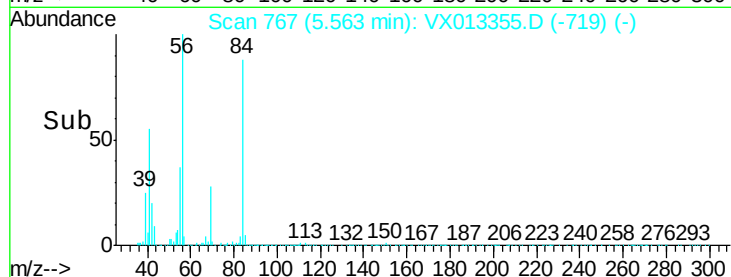
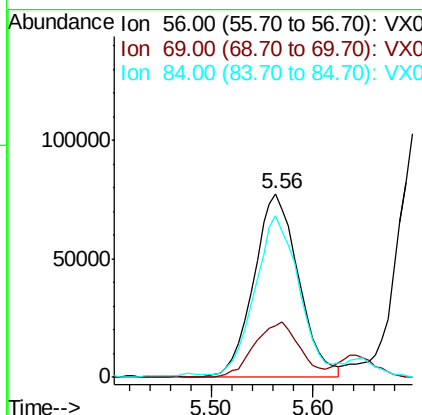
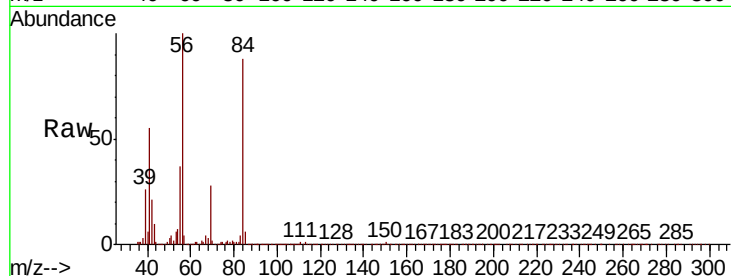
#31
Cyclohexane
Concen: 19.402 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.7	35.5
84	85.7	70.6	105.8

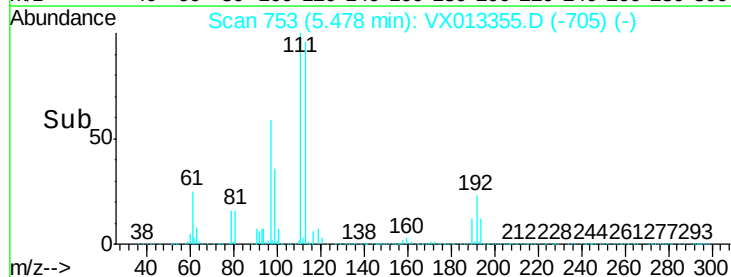
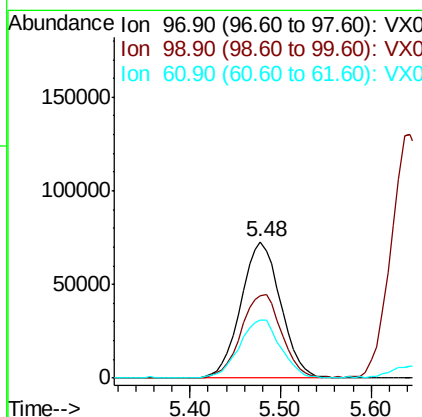
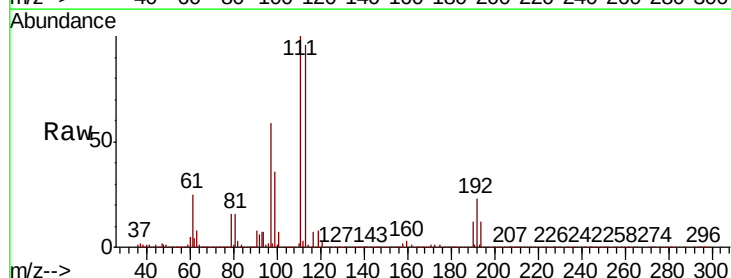
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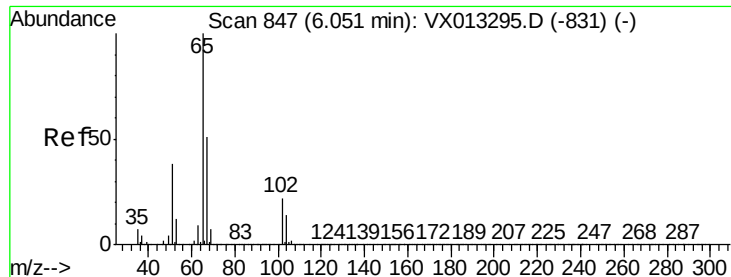
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11/11/2019 3:34:20 PM



#32
1,1,1-Trichloroethane
Concen: 19.262 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.1	76.7
61	43.6	36.5	54.7





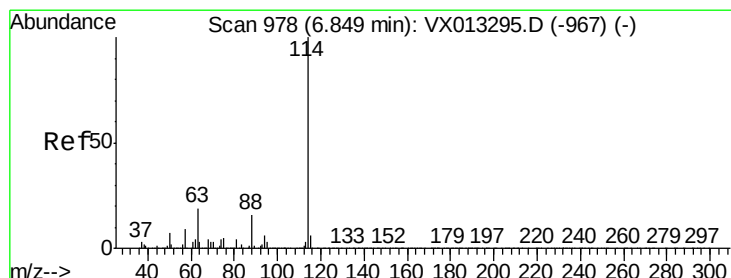
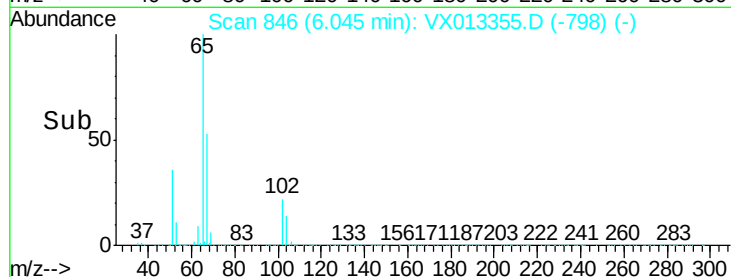
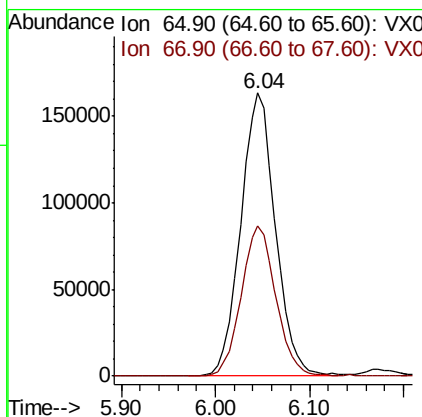
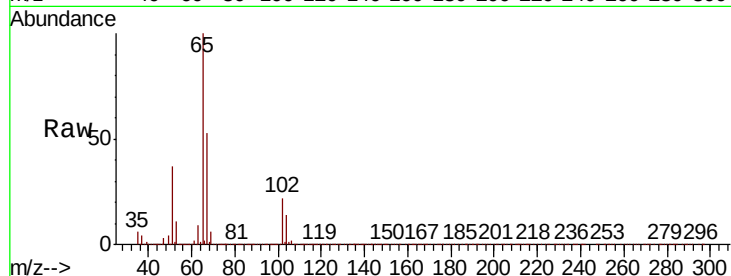
#33
 1,2-Dichloroethane-d4
 Concen: 47.357 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.2

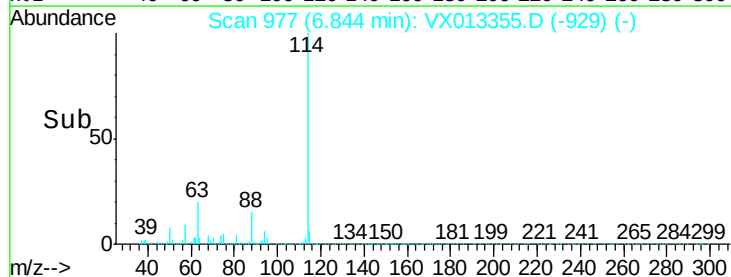
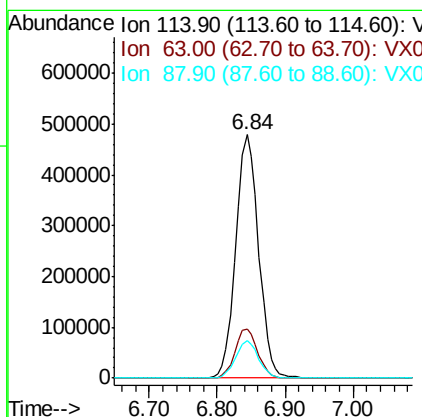
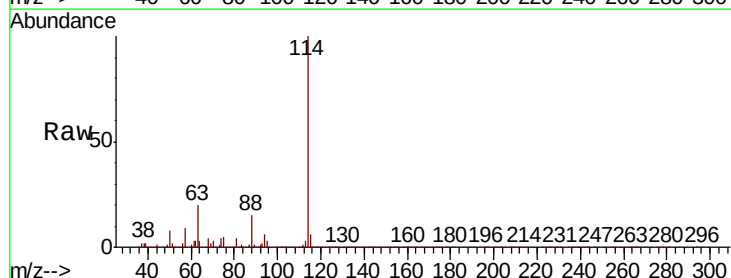
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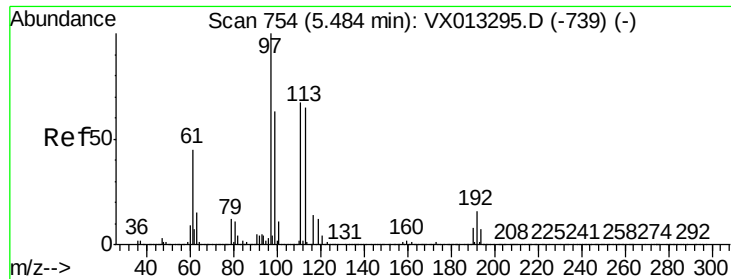
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 11/11/2019 3:34:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	15.3	0.0	32.2





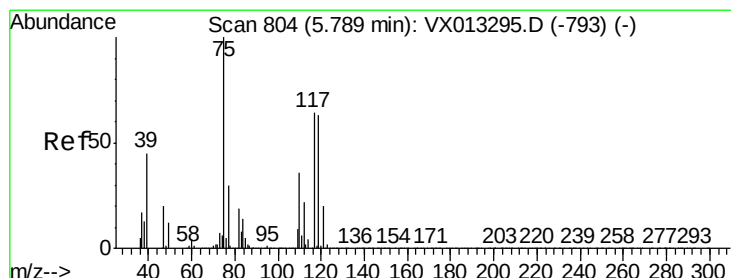
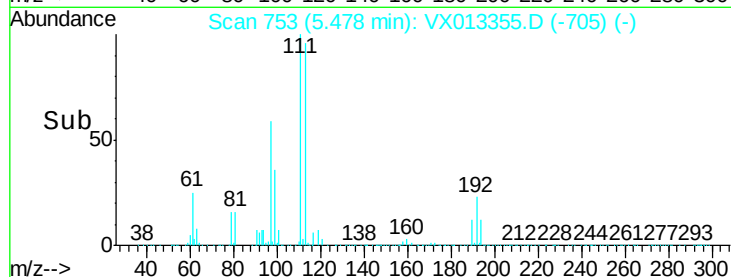
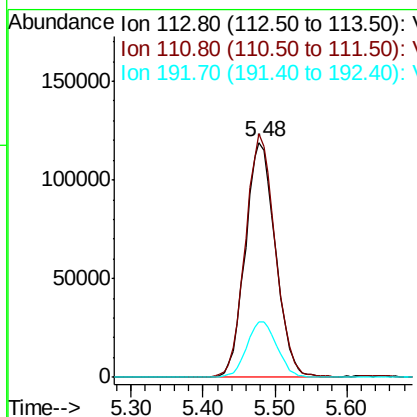
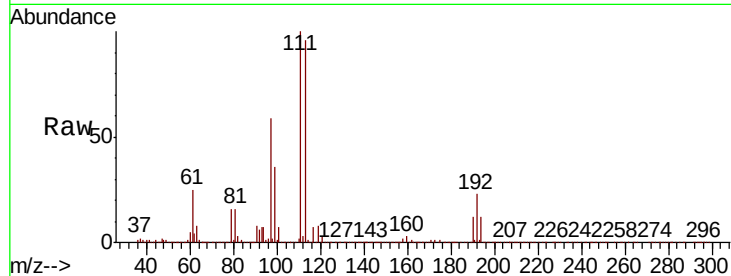
#35
Dibromofluoromethane
Concen: 49.222 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.9	122.9	
192	24.2	19.1	28.7	

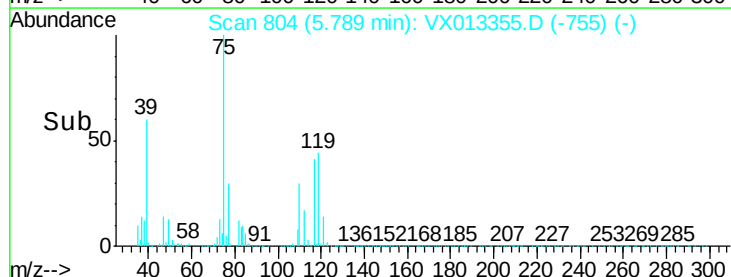
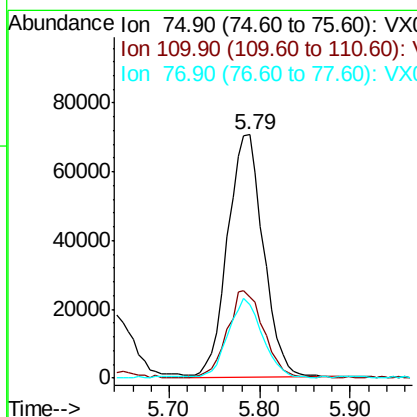
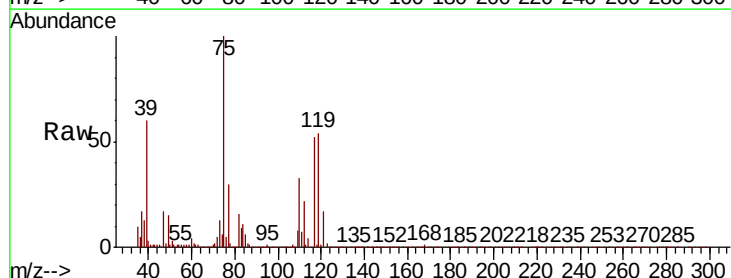
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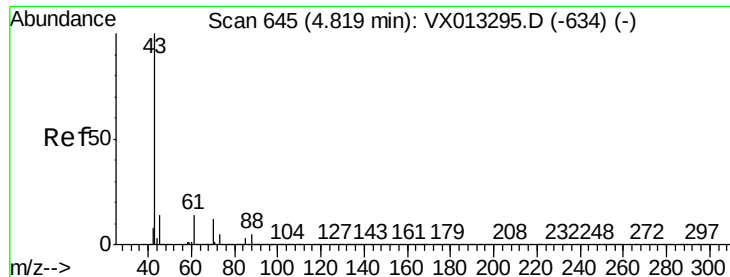
MMDadoda
11/11/2019 3:34:20 PM



#36
1,1-Dichloropropene
Concen: 20.202 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.1	18.1	54.1	
77	30.7	25.0	37.4	





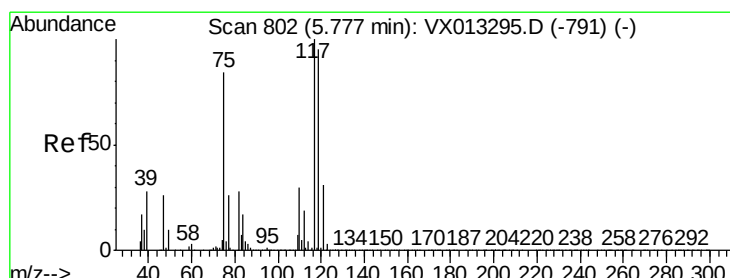
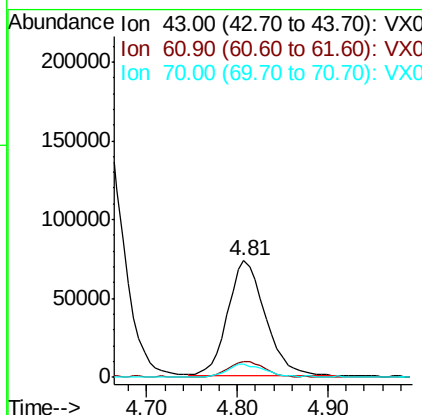
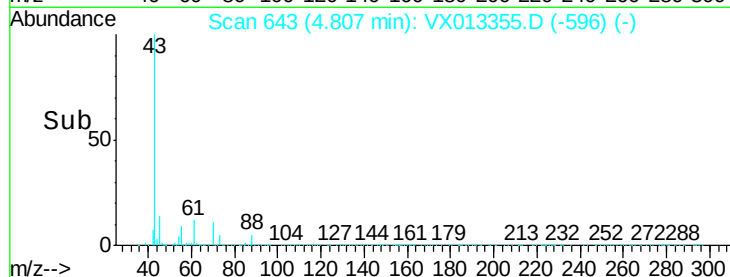
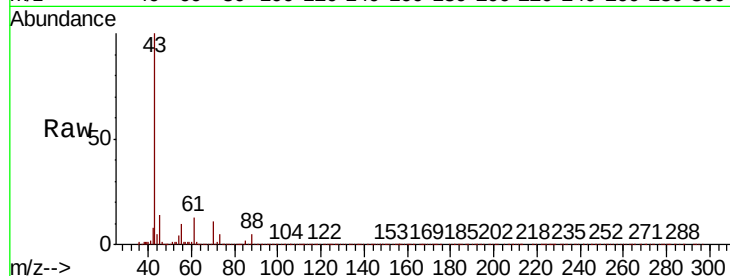
#37
Ethyl Acetate
Concen: 17.915 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	43	Resp	211587
Ion Ratio	Lower	Upper	
43	100		
61	12.8	10.7	16.1
70	11.3	8.7	13.1

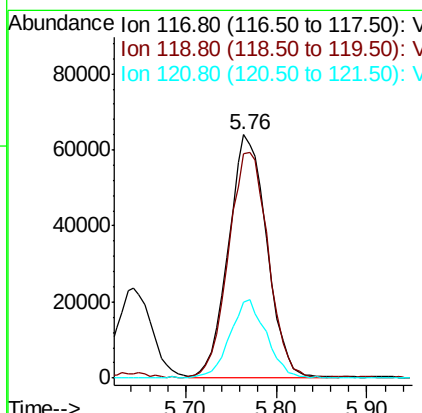
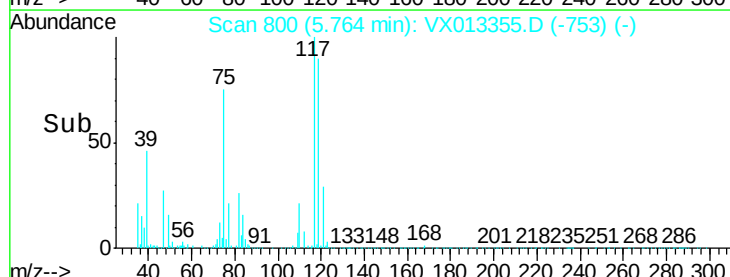
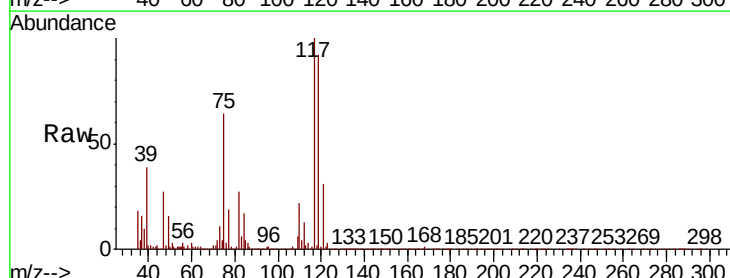
Manual Integrations
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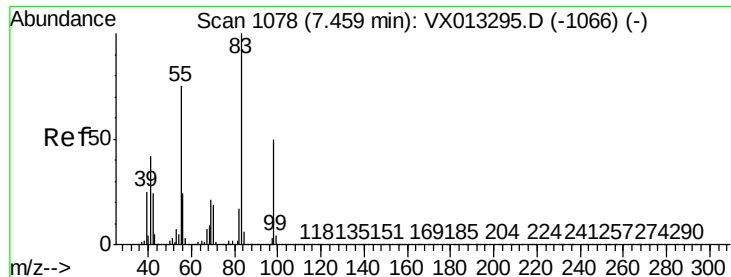
MMDadoda
11/11/2019 3:34:20 PM



#38
Carbon Tetrachloride
Concen: 19.937 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	117	Resp	186348
Ion Ratio	Lower	Upper	
117	100		
119	92.1	76.1	114.1
121	31.0	24.6	37.0





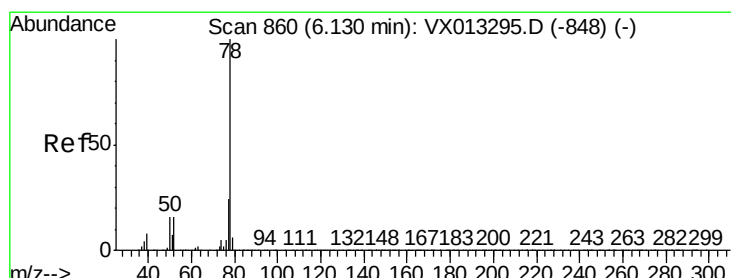
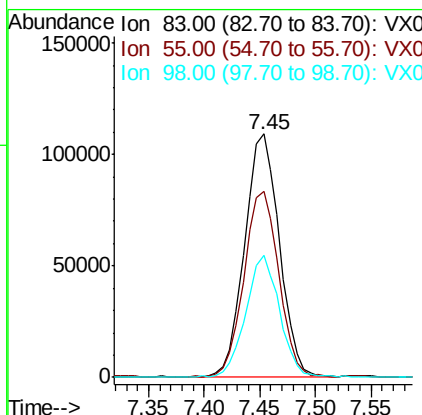
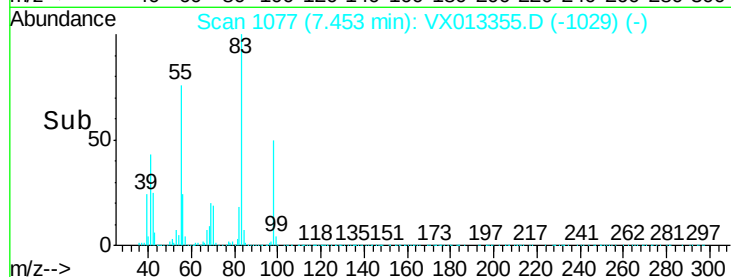
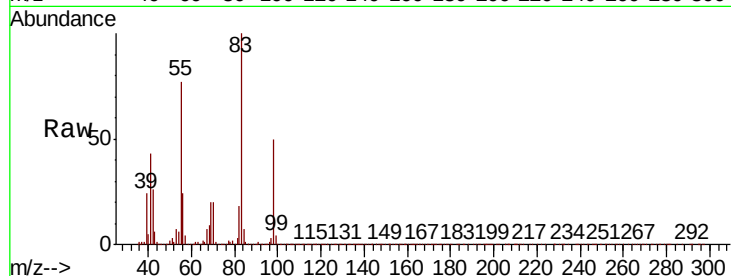
#39
Methylvlcyclohexane
Concen: 19.981 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion:	83	Resp:	237975
Ion Ratio	Lower	Upper	
83	100		
55	76.4	60.3	90.5
98	49.8	40.3	60.5

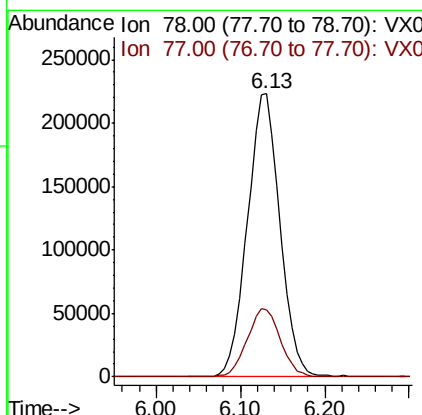
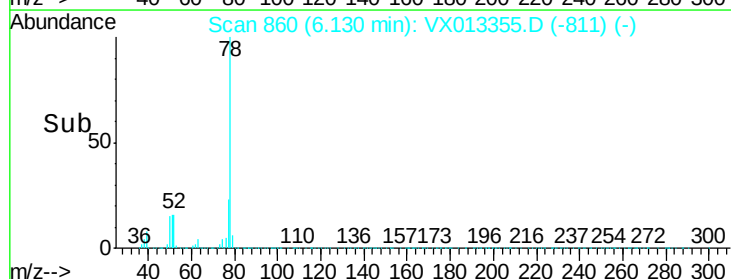
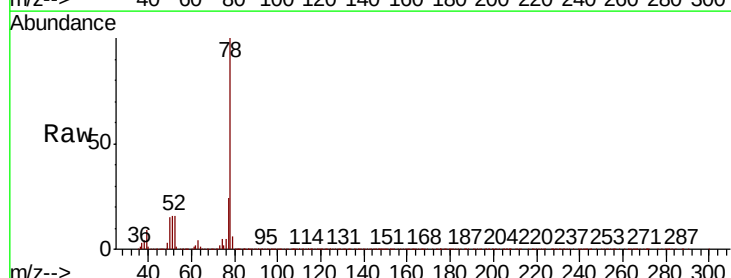
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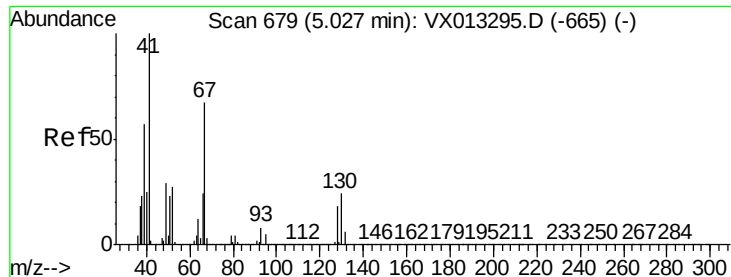
MMDadoda
11/11/2019 3:34:20 PM



#40
Benzene
Concen: 19.784 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion:	78	Resp:	589059
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.5	29.3





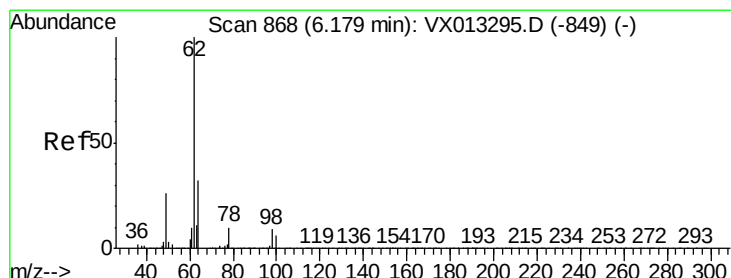
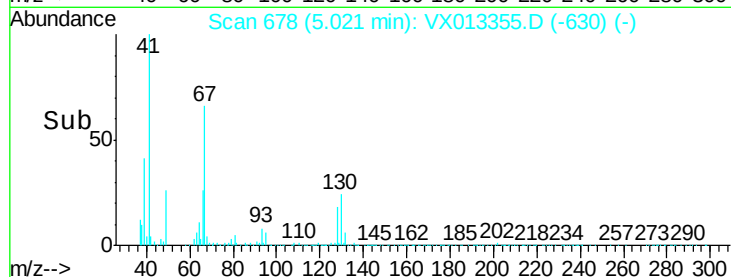
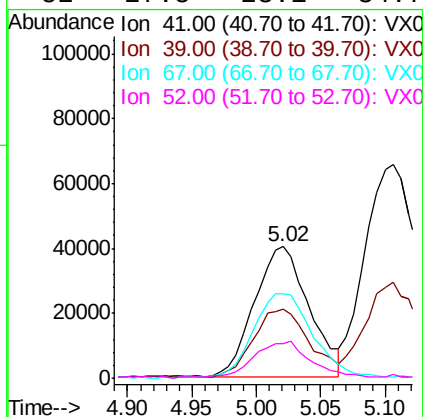
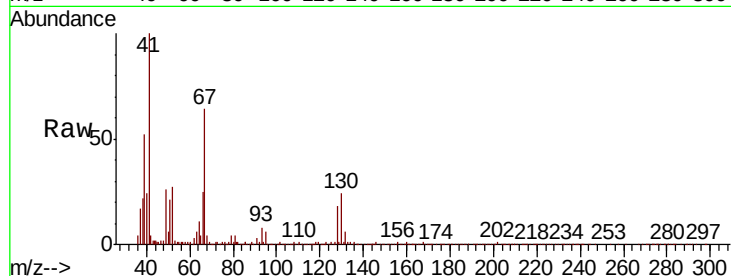
#41
Methacrylonitrile
Concen: 17.991 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	45.0	67.6	
67	70.2	55.4	83.2	
52	27.5	23.1	34.7	

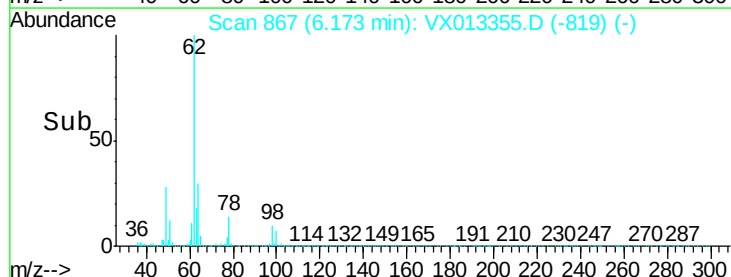
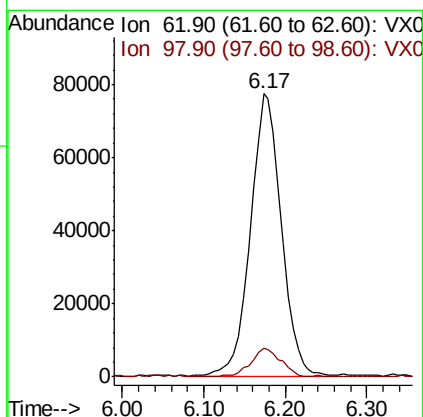
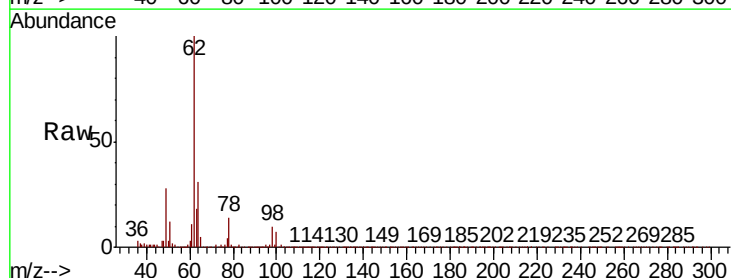
Manual Integrations
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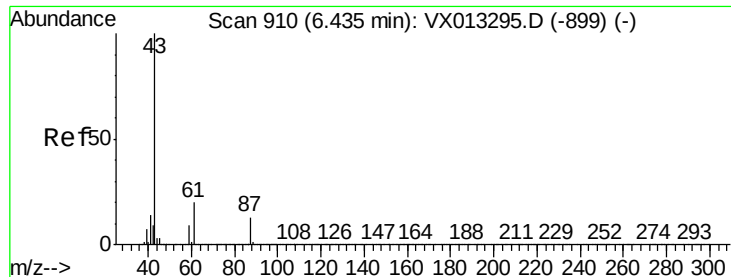
MMDadoda
11/11/2019 3:34:20 PM



#42
1,2-Dichloroethane
Concen: 19.208 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.4	





#43

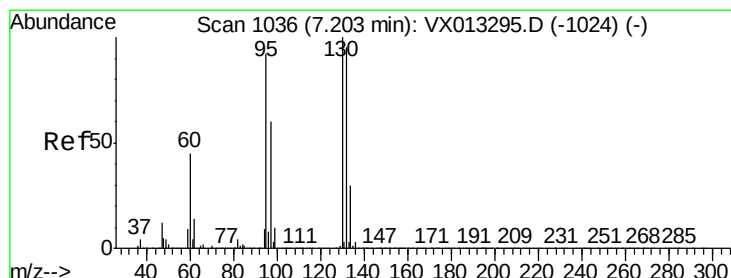
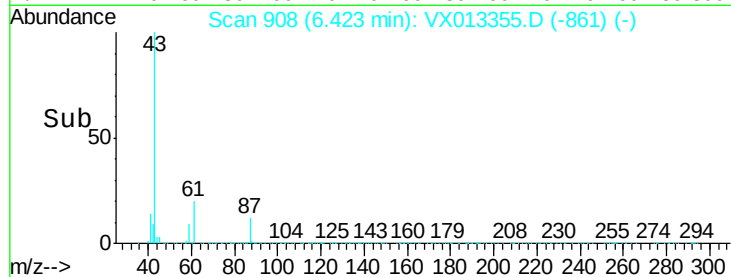
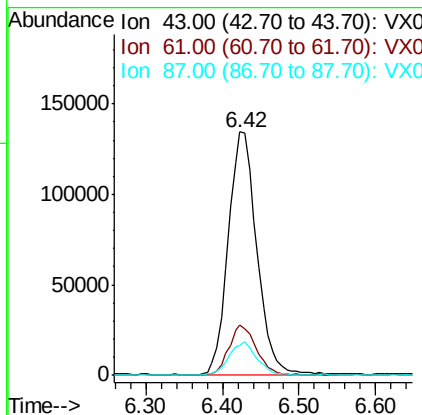
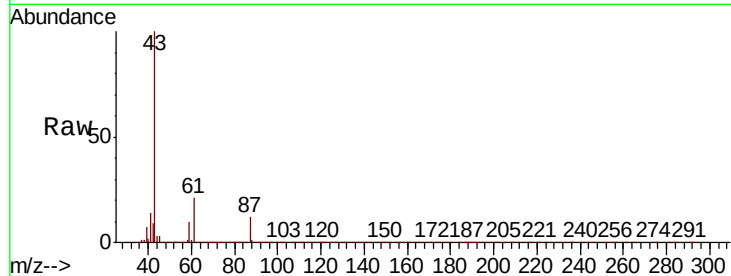
Isopropyl Acetate
 Concen: 18.804 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.8	23.8
87	13.0	10.4	15.6

Manual Integrations
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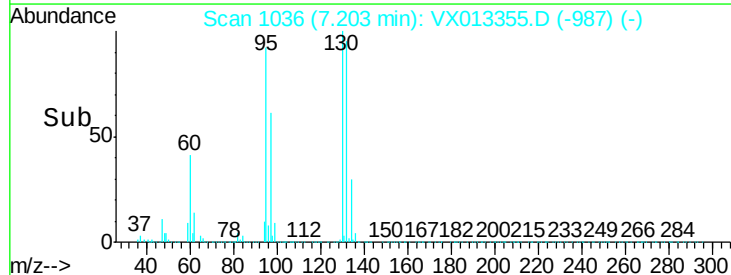
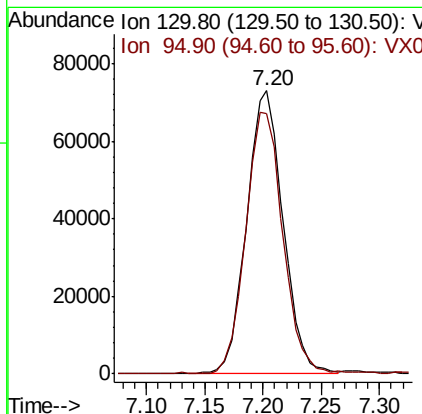
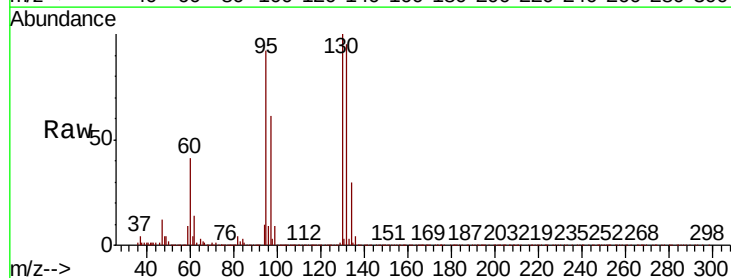
MMDadoda
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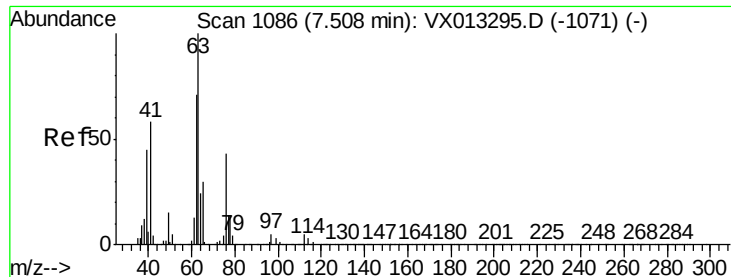


#44

Trichloroethene
 Concen: 19.331 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	184.8





#45

1,2-Dichloropropane

Concen: 20.086 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 63 Resp: 152379

Ion Ratio Lower Upper

63 100

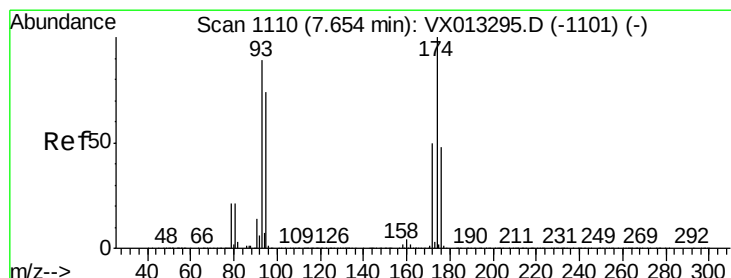
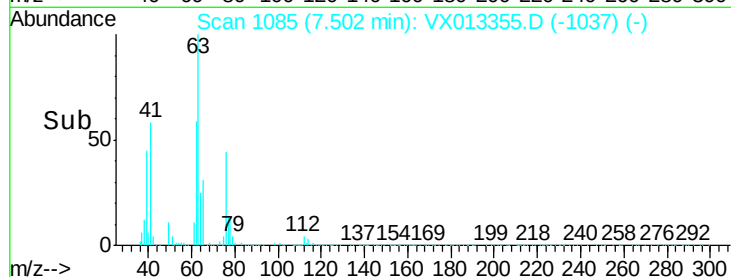
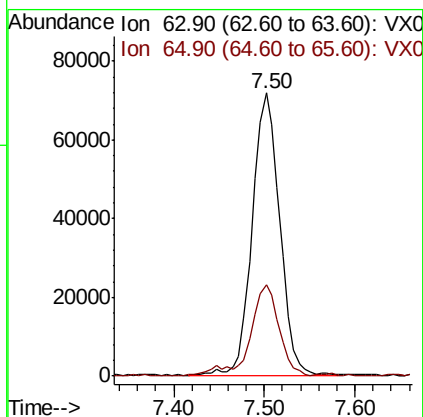
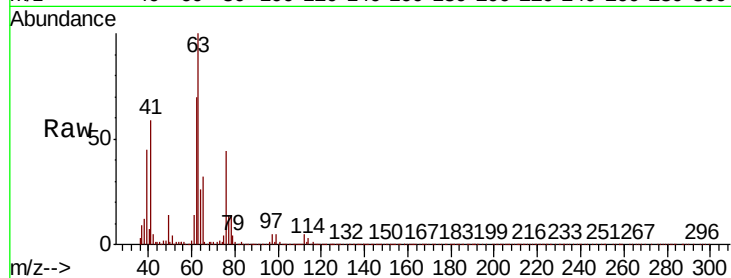
65 32.0 24.3 36.5

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#46

Dibromomethane

Concen: 18.837 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

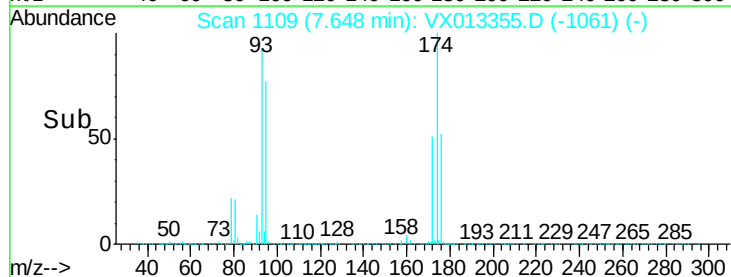
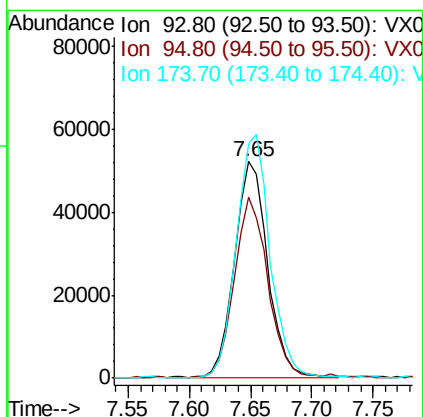
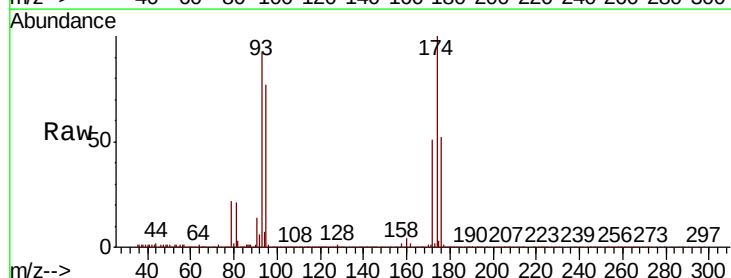
Tgt Ion: 93 Resp: 97569

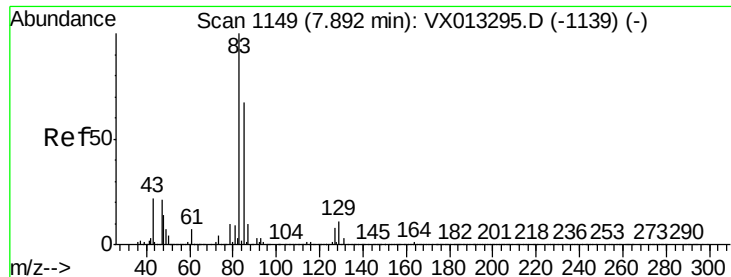
Ion Ratio Lower Upper

93 100

95 85.6 65.8 98.6

174 115.3 90.4 135.6





#47

Bromodichloromethane

Concen: 19.864 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

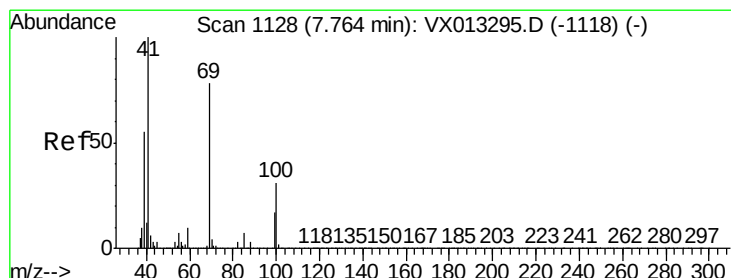
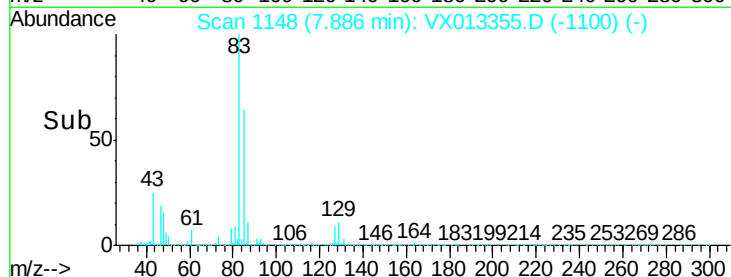
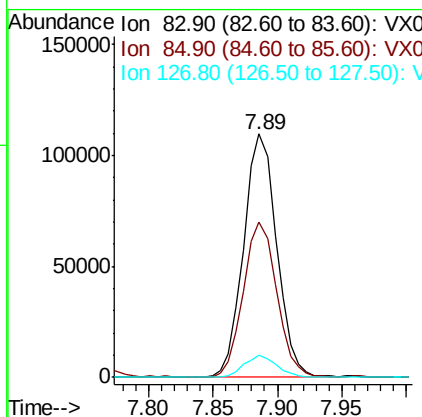
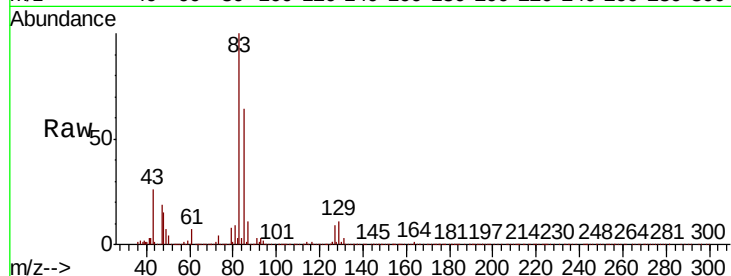
ClientSampleId :

VX1108WBSD01

Tot Ion:	83	Resp:	194019
Ion Ratio	Lower	Upper	
83	100		
85	63.9	53.7	80.5
127	9.1	6.4	9.6

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#48

Methyl methacrylate

Concen: 18.885 ug/l

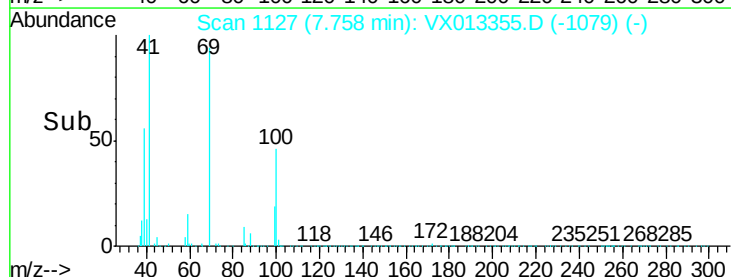
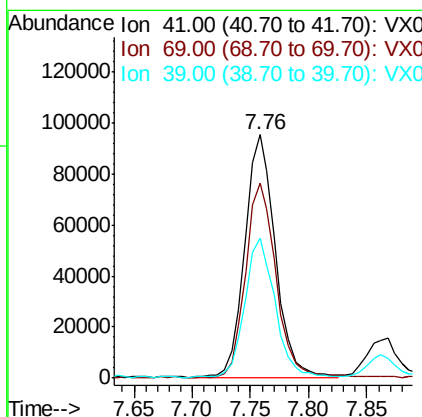
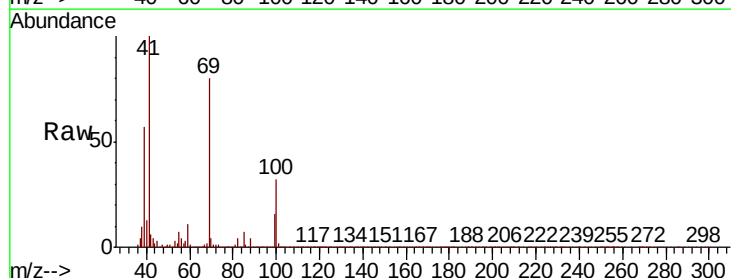
RT: 7.76 min Scan# 1127

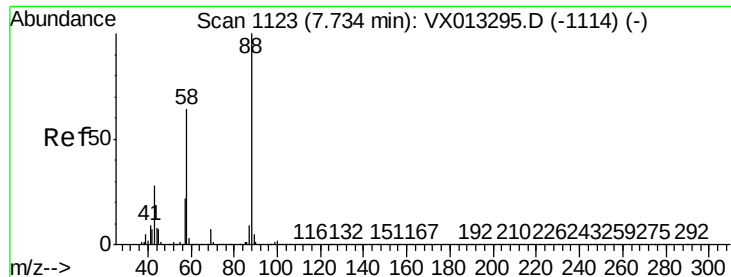
Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion:	41	Resp:	173377
Ion Ratio	Lower	Upper	
41	100		
69	80.1	63.0	94.6
39	56.6	45.9	68.9





#49

1,4-Dioxane

Concen: 357.385 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

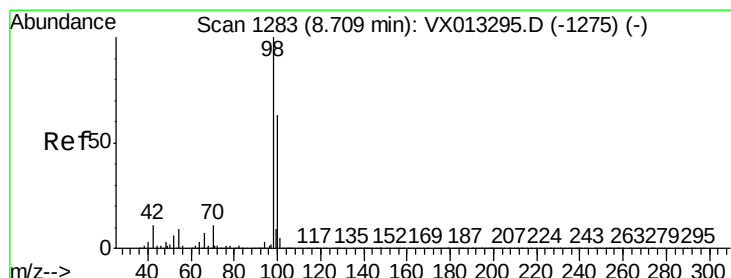
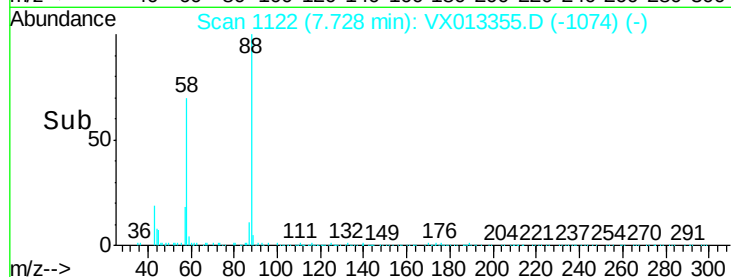
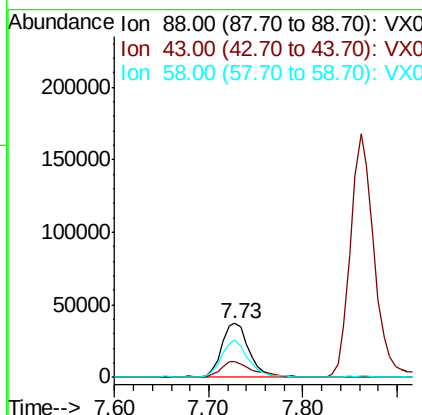
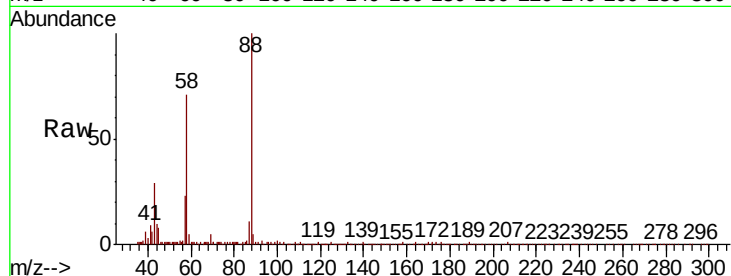
ClientSampleId :

VX1108WBSD01

Tot Ion:	88	Resp:	75139
Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.6	39.8
58	67.9	55.0	82.6

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#50

Toluene-d8

Concen: 50.459 ug/l

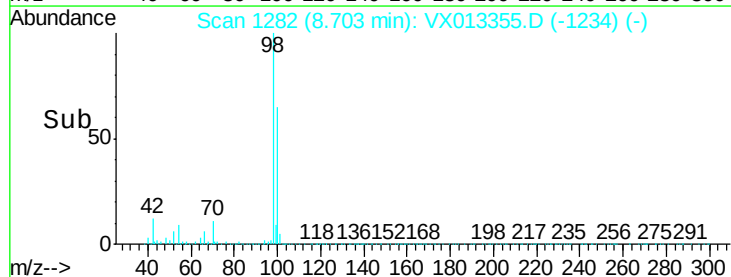
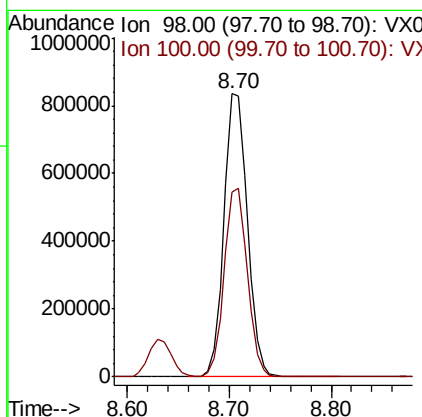
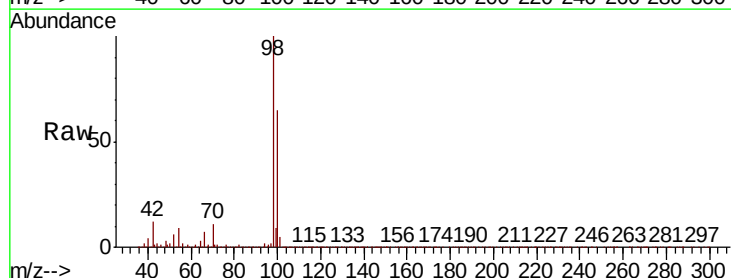
RT: 8.70 min Scan# 1282

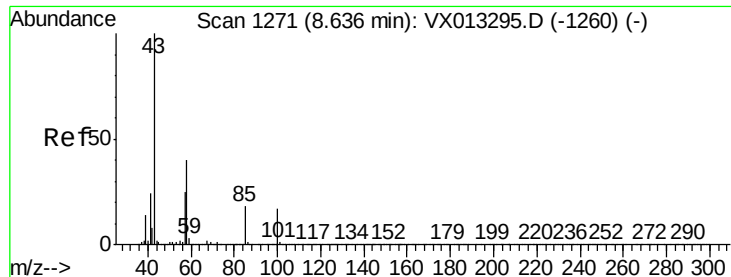
Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion:	98	Resp:	1329332
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 90.111 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 43 Resp: 1087320

Ion Ratio Lower Upper

43 100

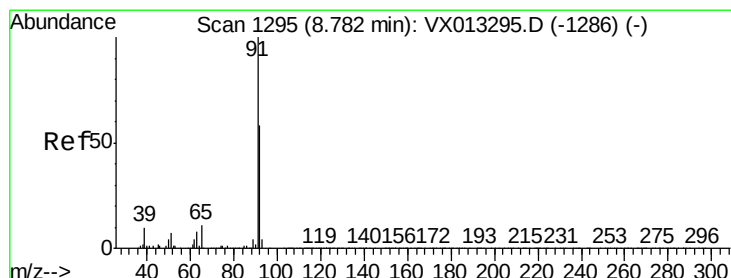
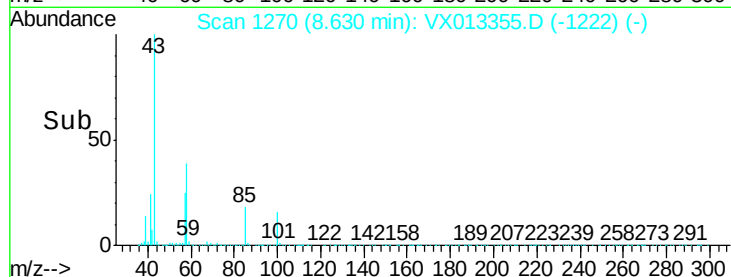
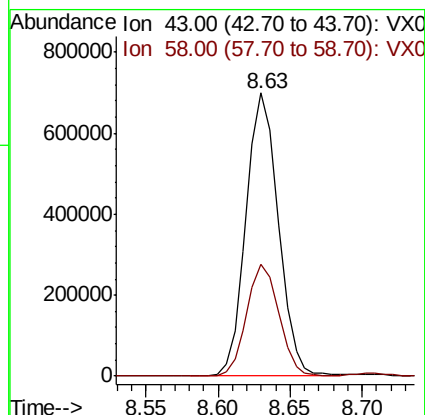
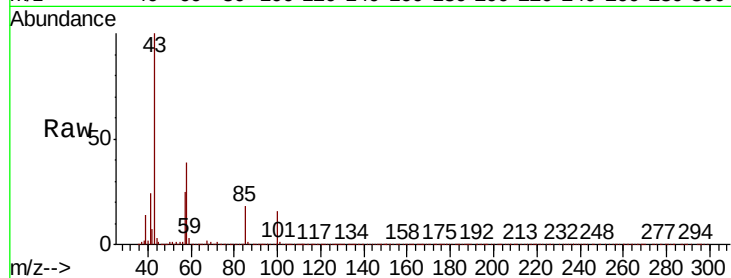
58 39.5 31.4 47.0

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#52

Toluene

Concen: 20.021 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013355.D

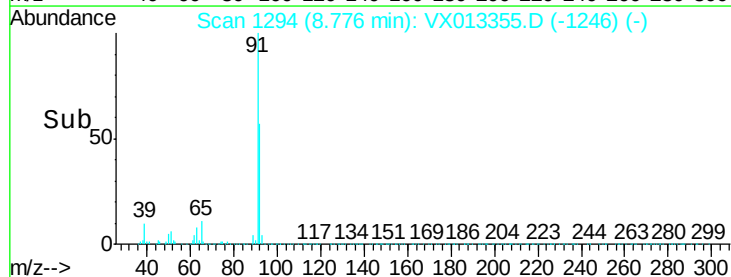
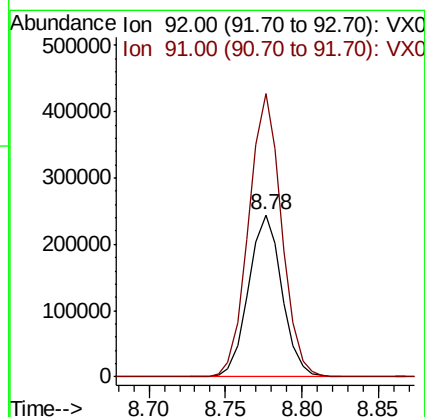
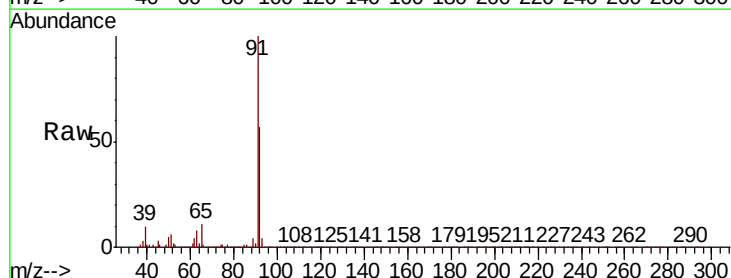
Acq: 08 Nov 2019 11:44

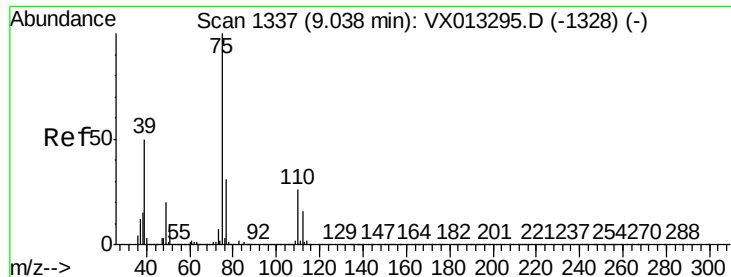
Tgt Ion: 92 Resp: 369464

Ion Ratio Lower Upper

92 100

91 173.1 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 20.238 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 75 Resp: 216150

Ion Ratio Lower Upper

75 100

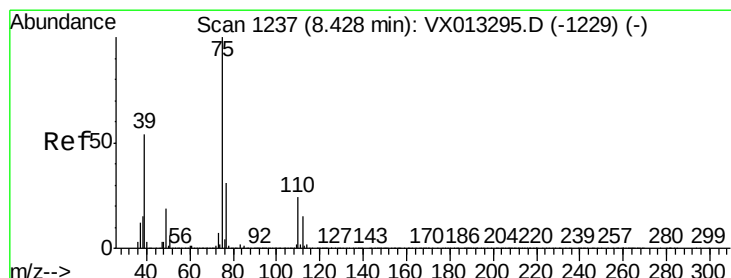
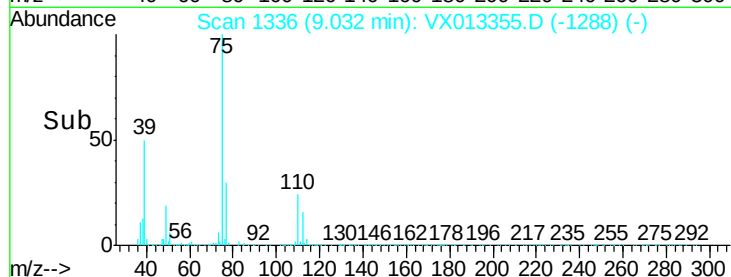
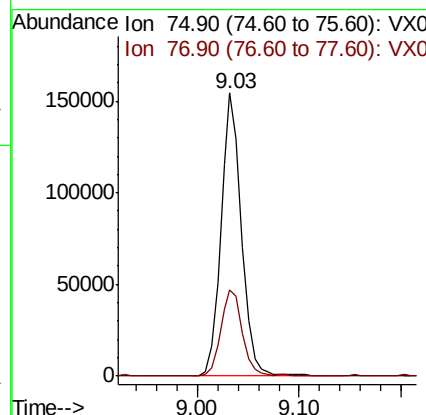
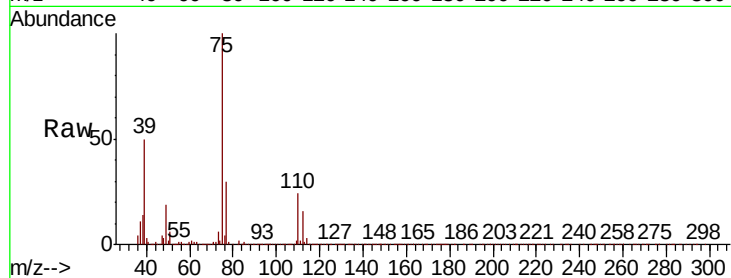
77 30.2 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 19.986 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

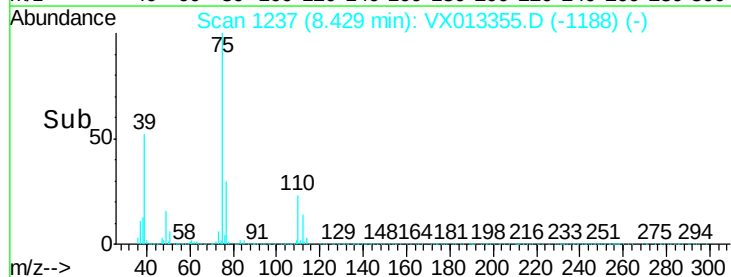
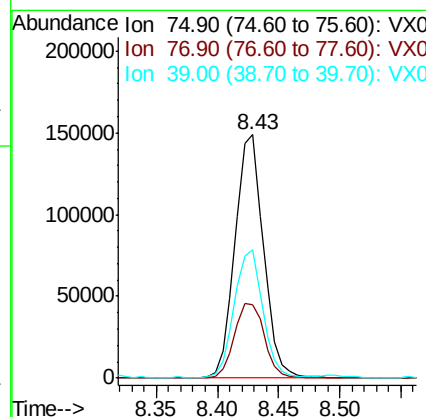
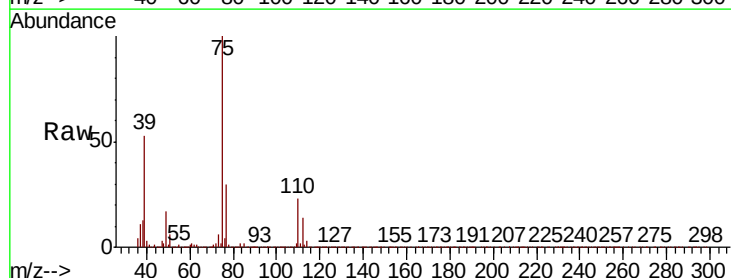
Tgt Ion: 75 Resp: 238775

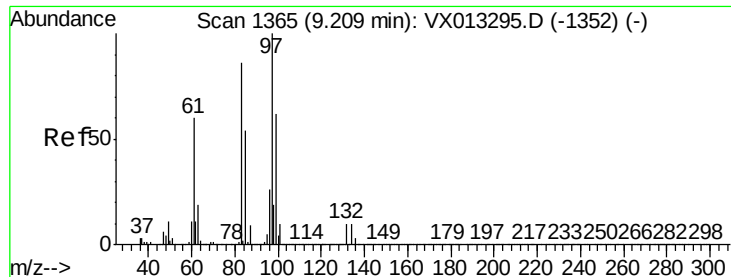
Ion Ratio Lower Upper

75 100

77 29.7 24.7 37.1

39 52.4 43.0 64.6





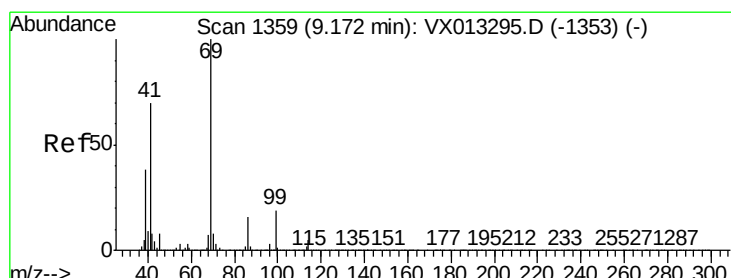
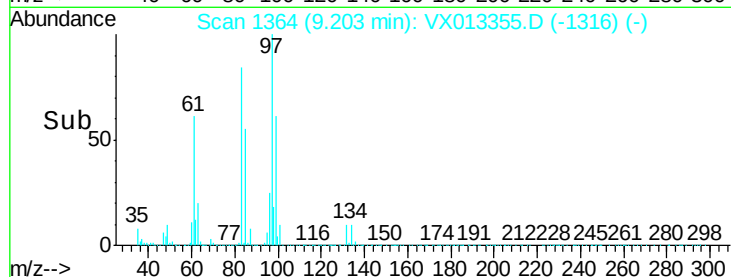
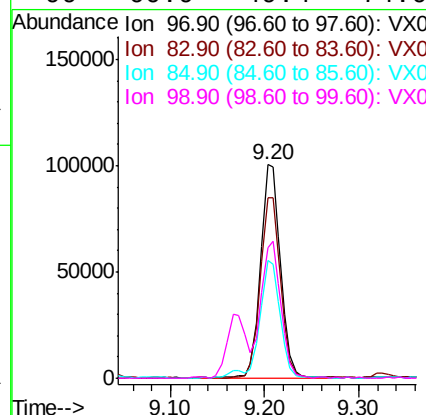
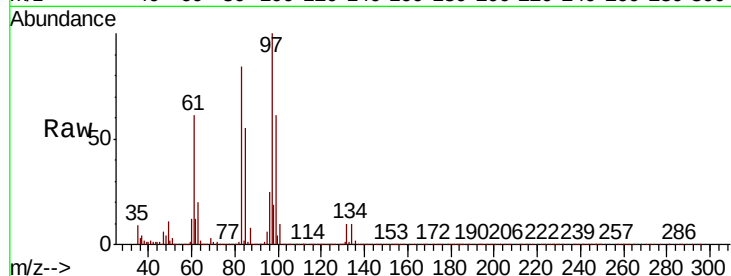
#55
 1,1,2-Trichloroethane
 Concen: 19.662 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		150391		
83	84.1	68.6	103.0		
85	54.9	43.1	64.7		
99	60.9	49.4	74.0		

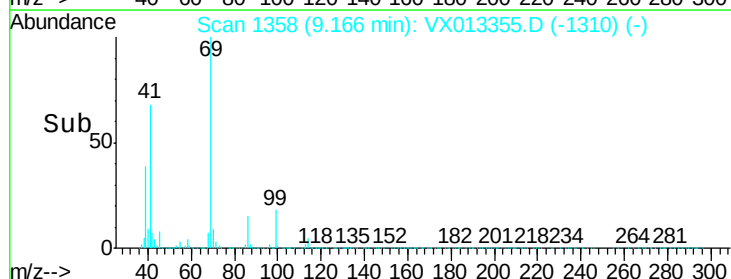
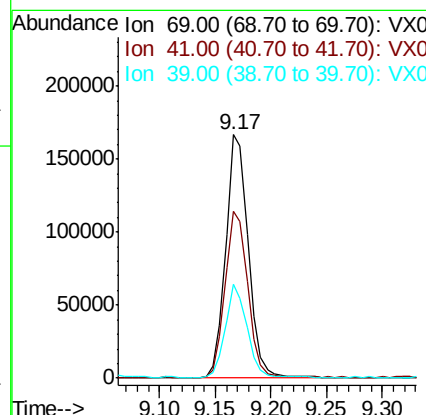
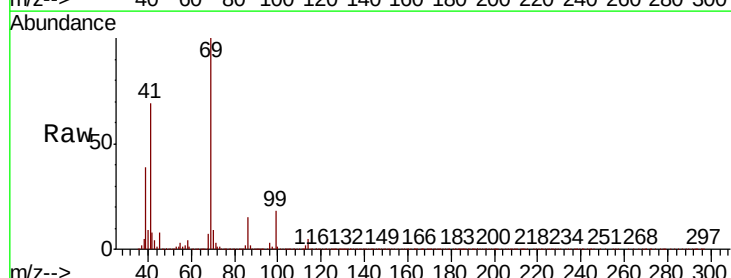
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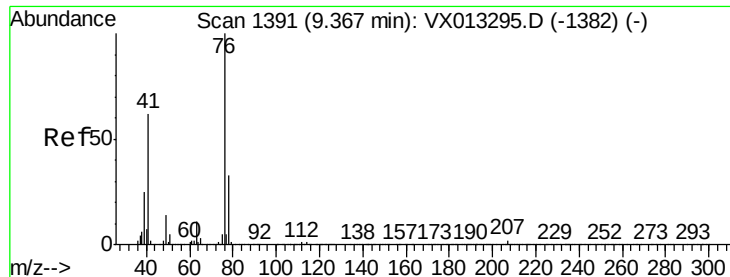
MMDadoda
 11/11/2019 3:34:20 PM



#56
 Ethyl methacrylate
 Concen: 18.955 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		234437		
41	68.5	56.2	84.2		
39	35.8	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 19.765 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 76 Resp: 256634

Ion Ratio Lower Upper

76 100

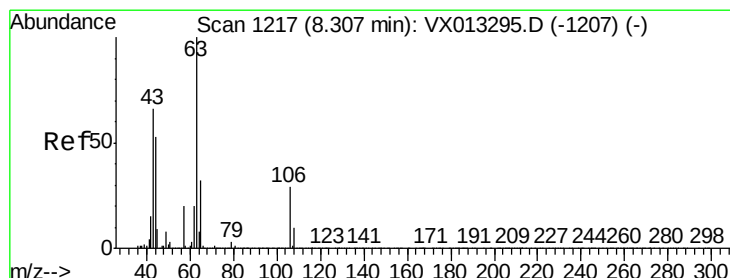
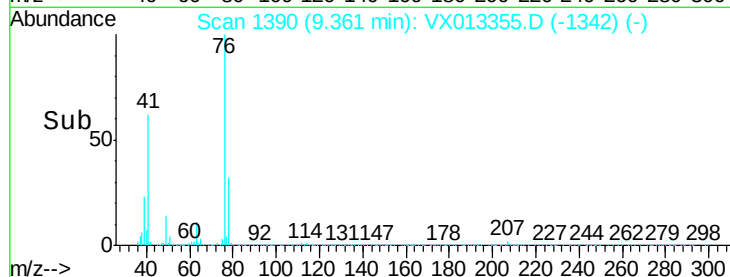
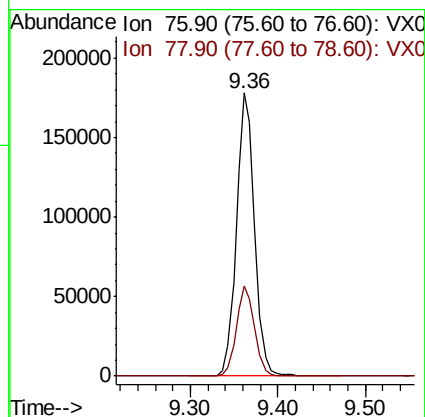
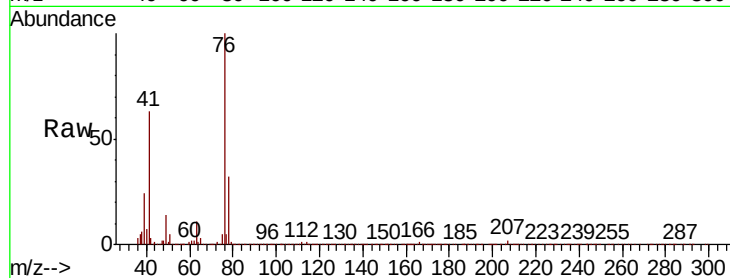
78 31.7 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 93.914 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013355.D

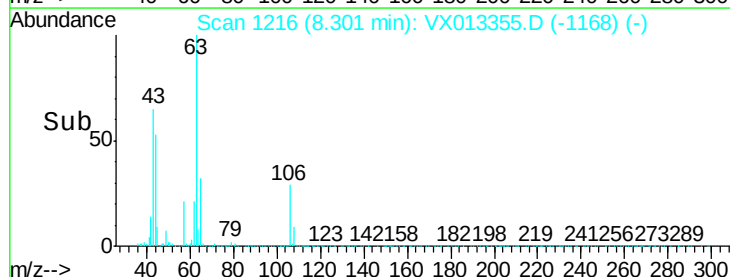
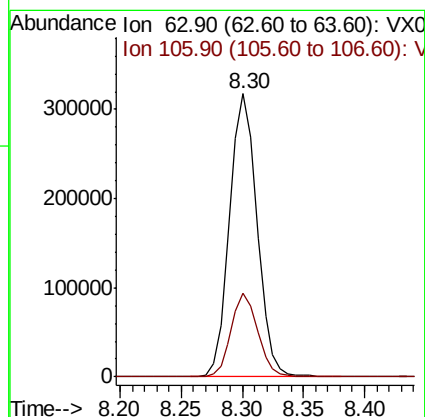
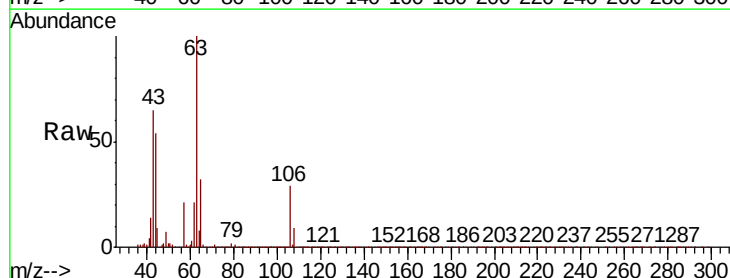
Acq: 08 Nov 2019 11:44

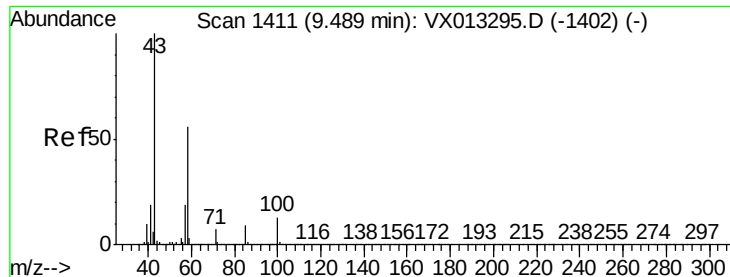
Tgt Ion: 63 Resp: 491156

Ion Ratio Lower Upper

63 100

106 28.7 23.4 35.2





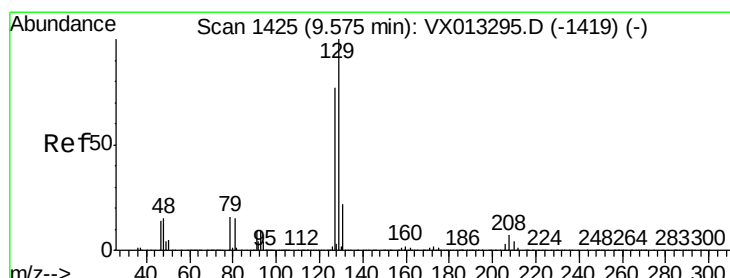
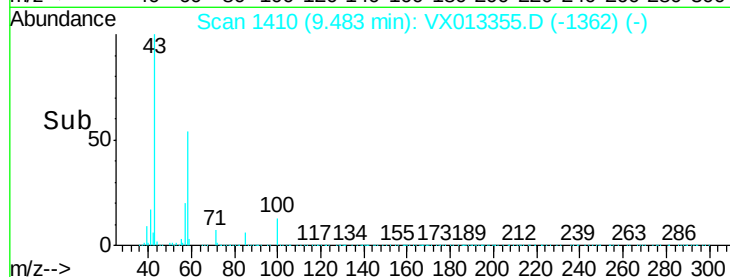
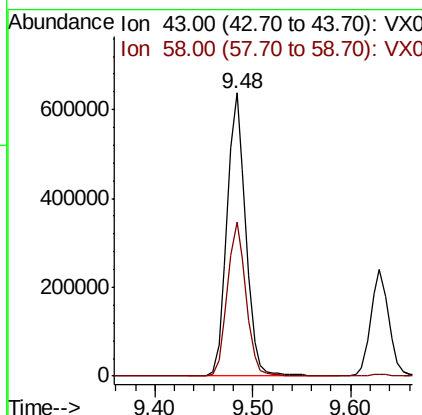
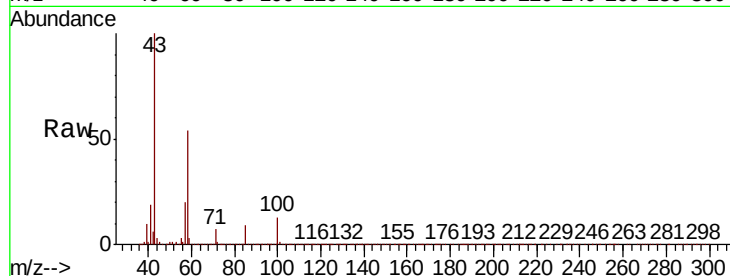
#59
2-Hexanone
Concen: 90.597 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.3	81.8

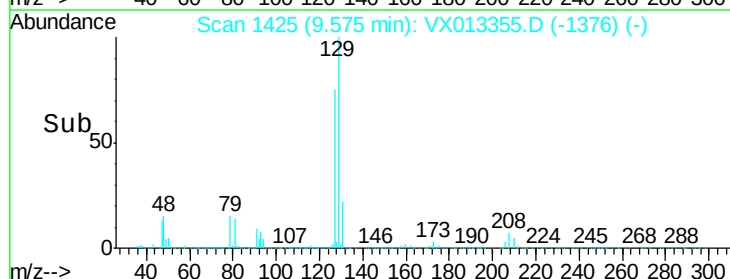
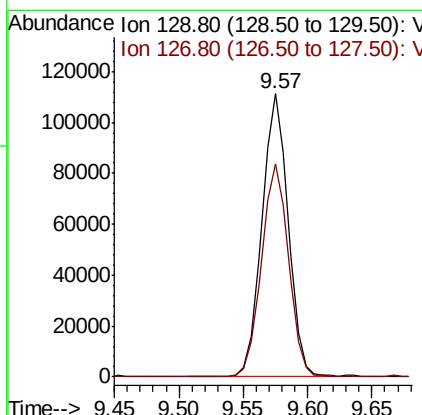
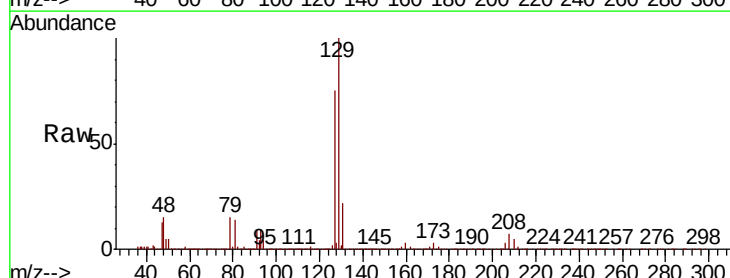
Manual Integrations
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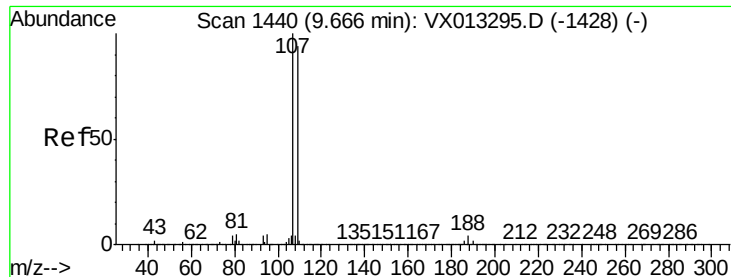
MMDadoda
11/11/2019 3:34:20 PM



#60
Dibromochloromethane
Concen: 19.968 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.1	117.2





#61

1,2-Dibromoethane

Concen: 19.487 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 107 Resp: 158272

Ion Ratio Lower Upper

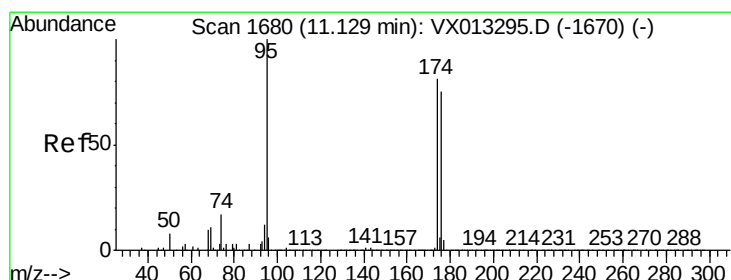
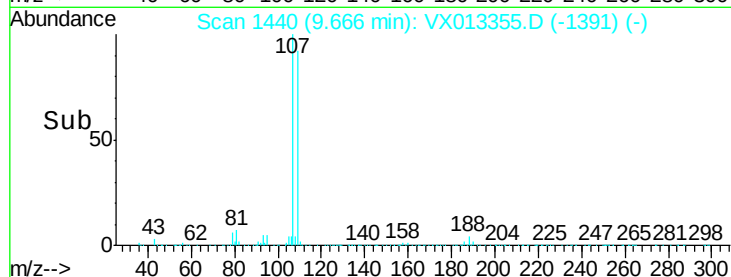
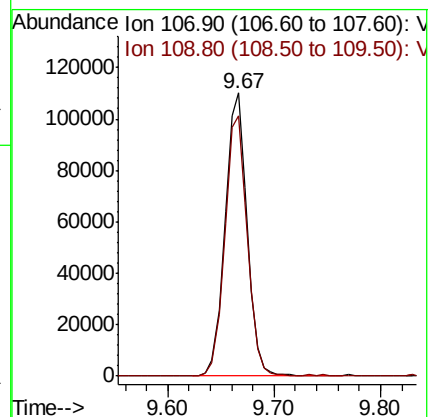
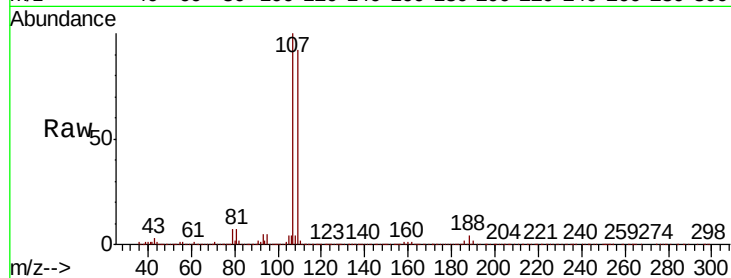
107 100

109 93.4 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 49.755 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

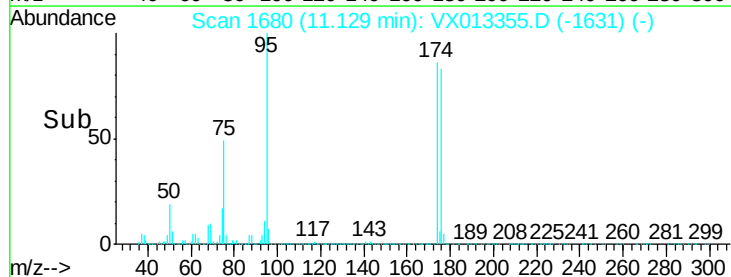
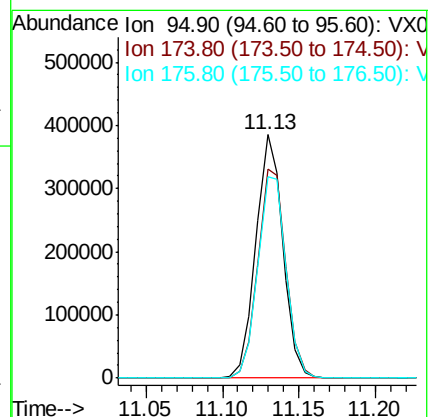
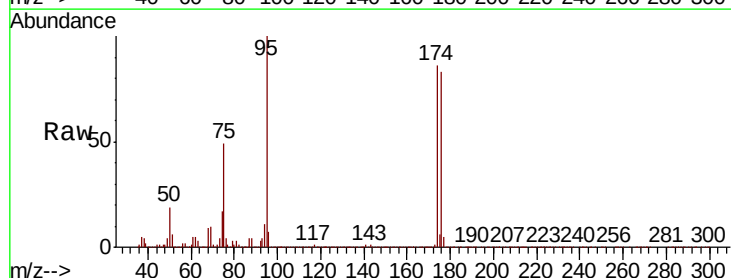
Tgt Ion: 95 Resp: 473073

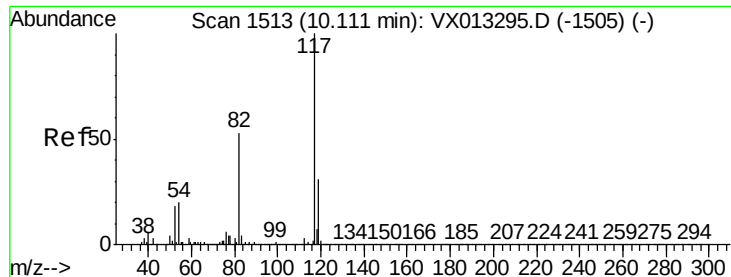
Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.8

176 87.1 0.0 173.0





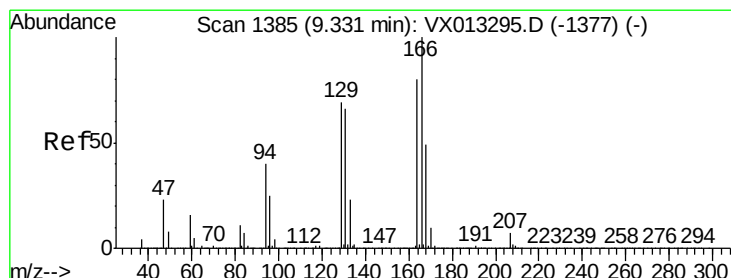
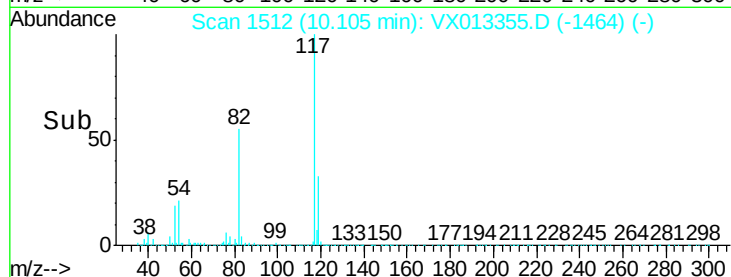
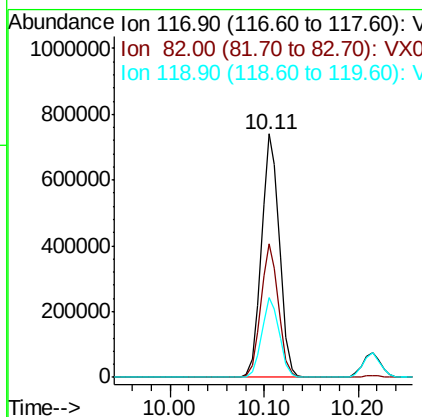
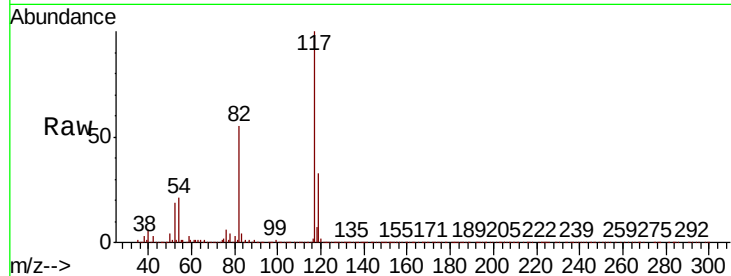
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.1	42.6	64.0
119	32.7	24.8	37.2

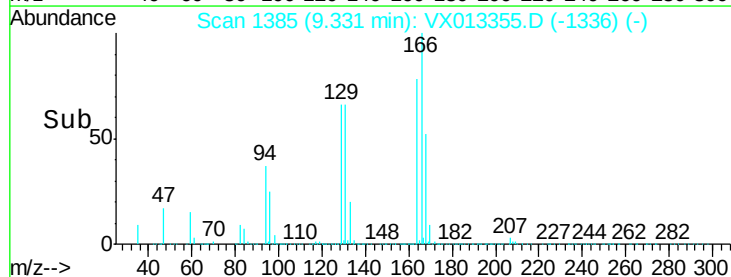
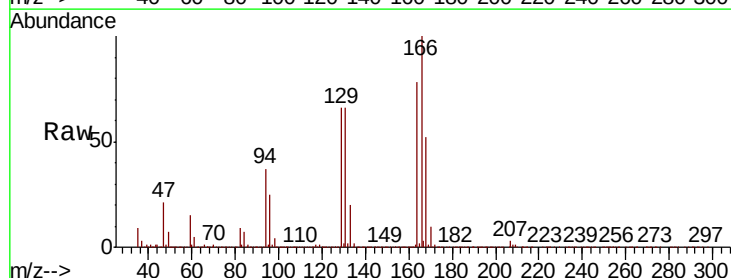
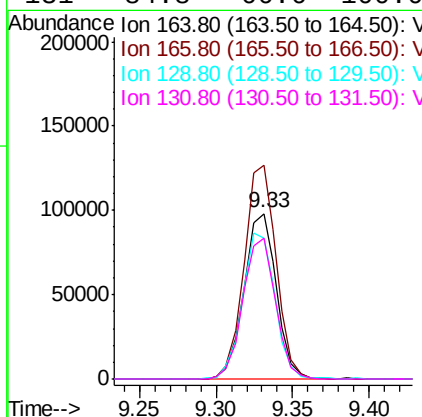
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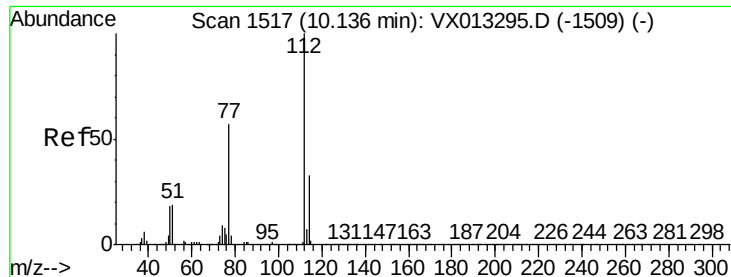
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#64
Tetrachloroethene
Concen: 20.117 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.9	100.4	150.6
129	85.1	69.4	104.2
131	84.8	66.6	100.0





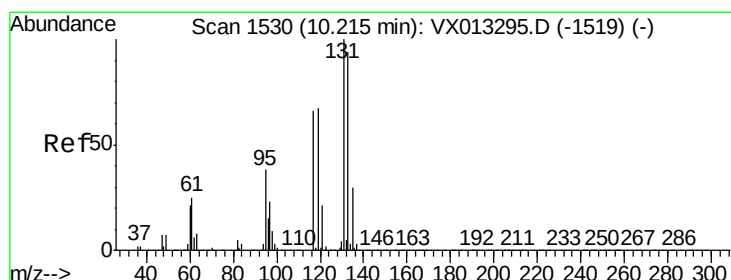
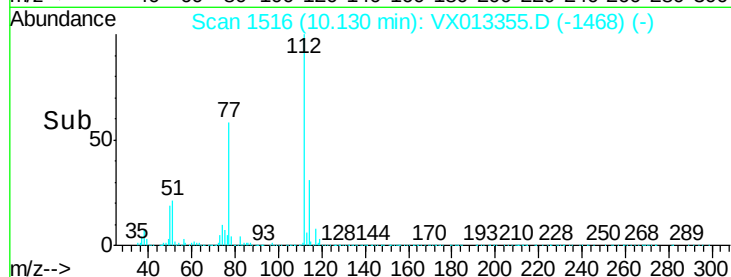
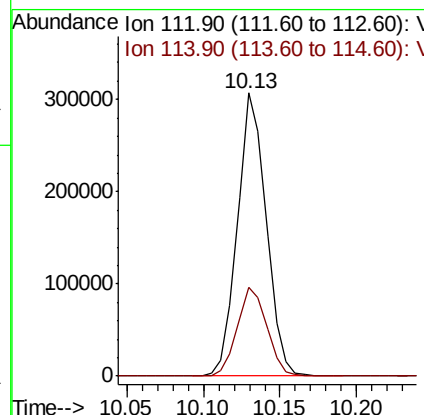
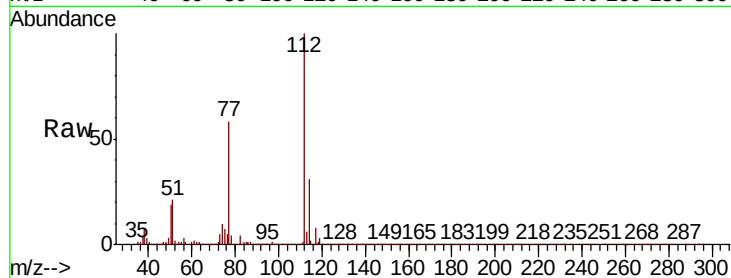
#65
Chlorobenzene
Concen: 19.839 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.4	39.6

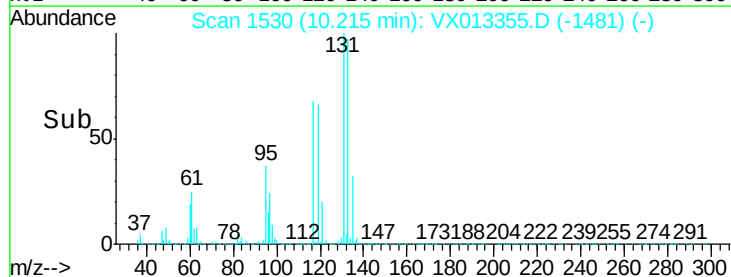
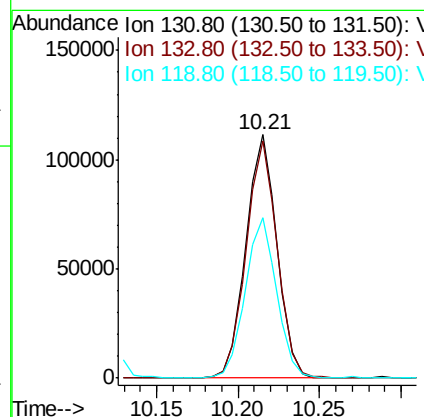
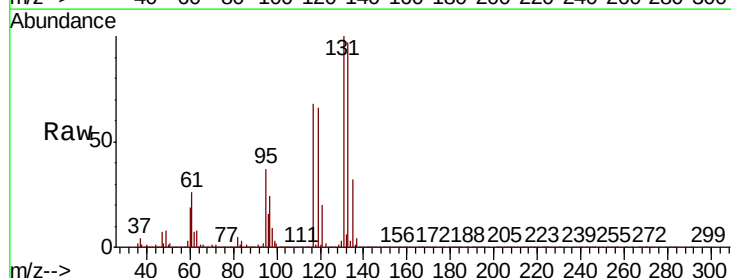
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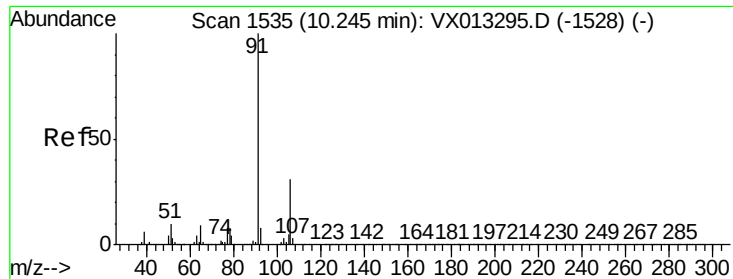
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.005 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.5	48.0	144.0
119	66.1	33.0	99.0





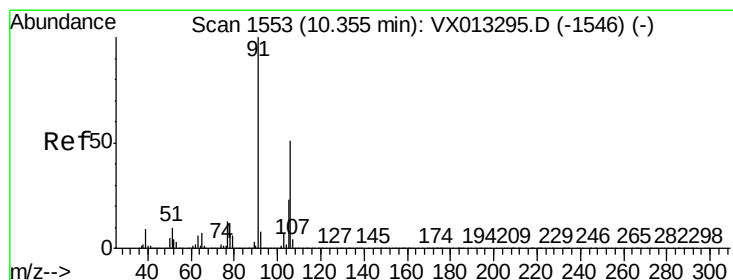
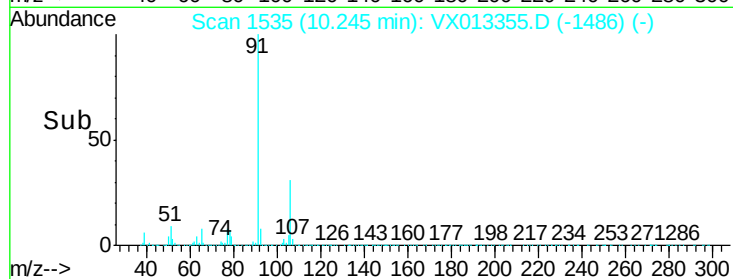
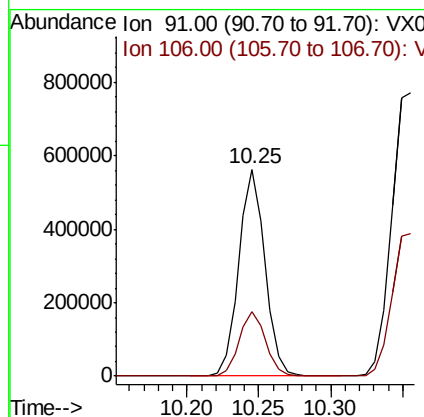
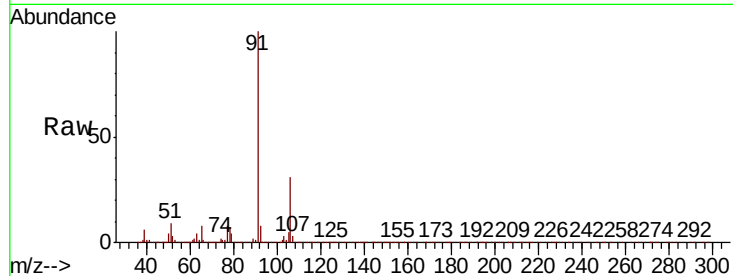
#67
Ethyl Benzene
Concen: 20.475 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion: 91 Resp: 712523
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

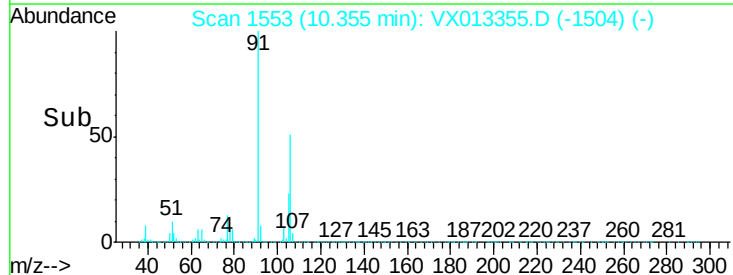
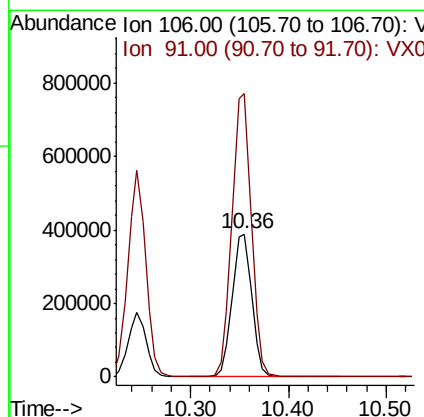
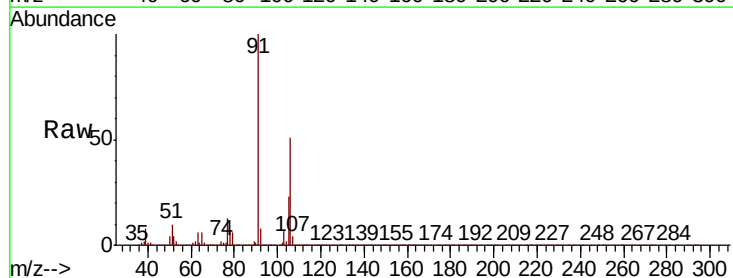
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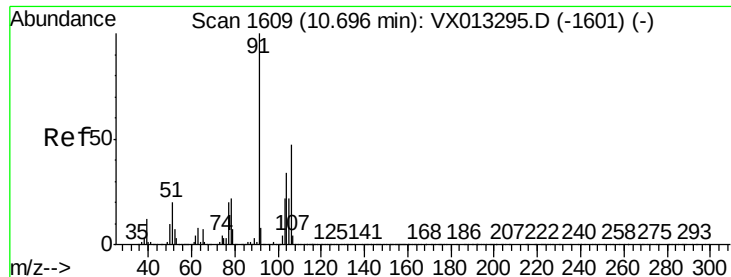
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#68
m/p-Xylenes
Concen: 41.140 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 106 Resp: 541437
Ion Ratio Lower Upper
106 100
91 196.7 159.3 238.9





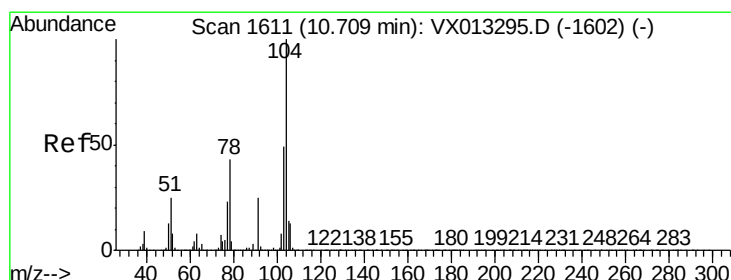
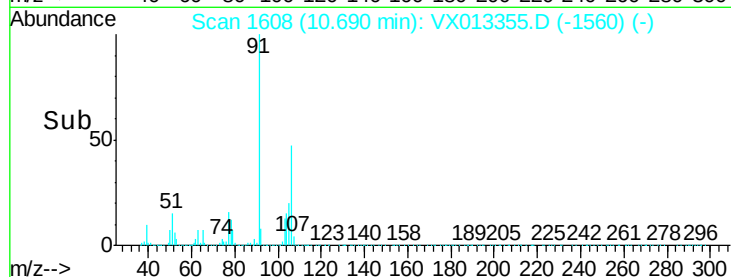
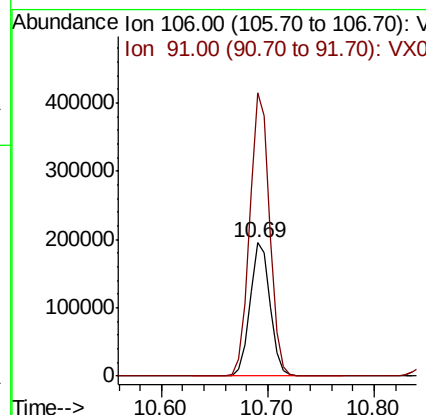
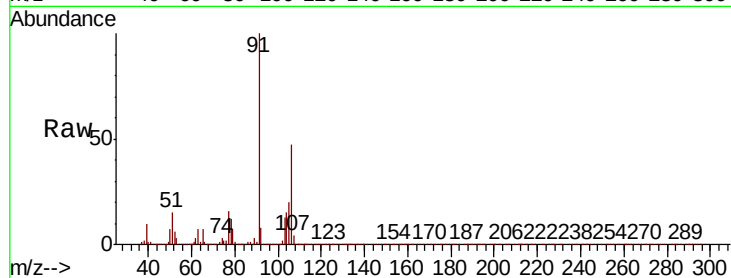
#69
o-Xylene
Concen: 20.068 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion:106 Resp: 258574
Ion Ratio Lower Upper
106 100
91 209.9 105.7 317.0

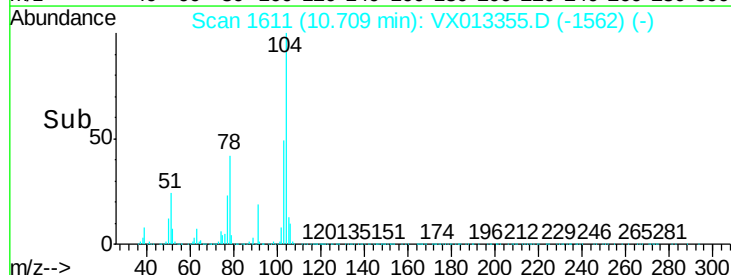
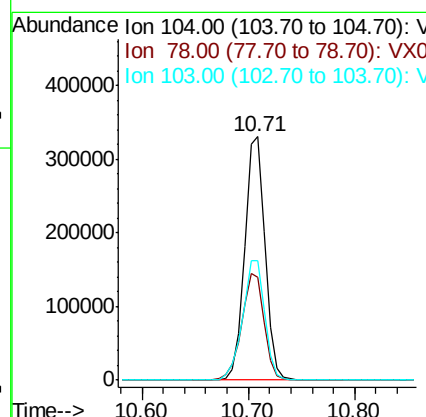
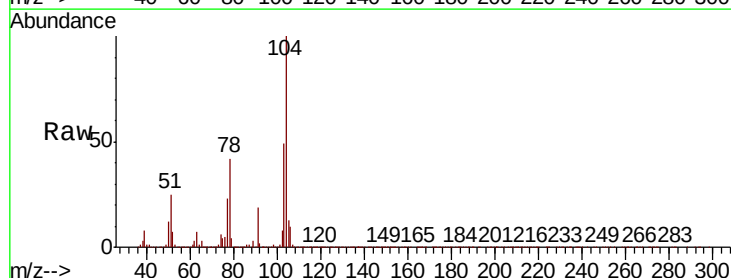
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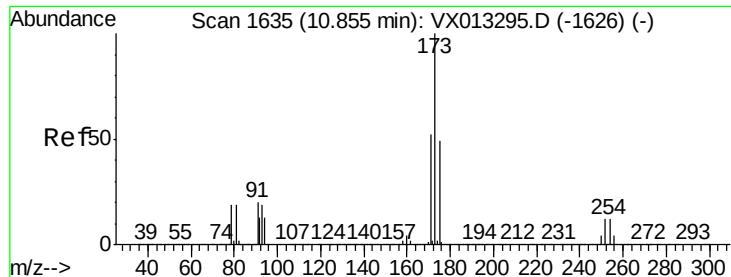
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#70
Styrene
Concen: 20.576 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion:104 Resp: 443173
Ion Ratio Lower Upper
104 100
78 48.3 40.0 60.0
103 54.1 44.1 66.1





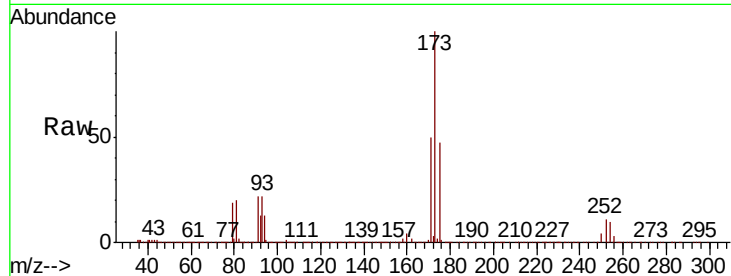
#71
Bromoform
Concen: 19.439 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

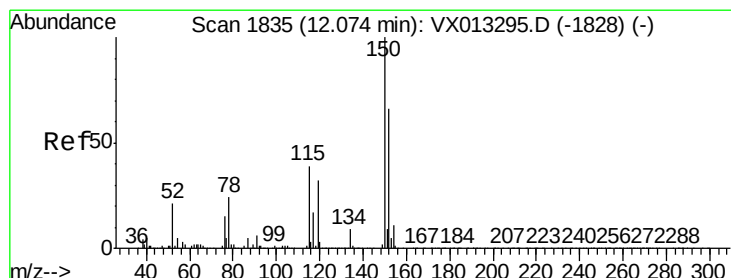
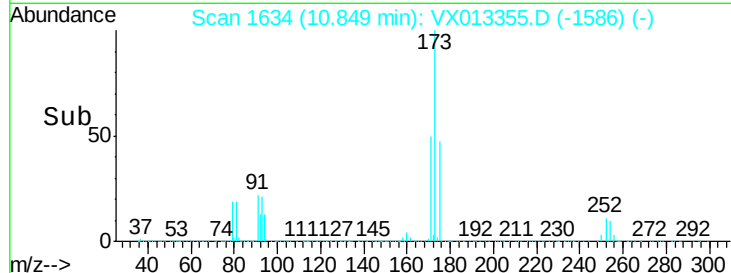
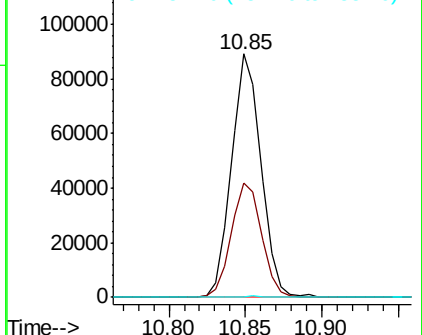
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.4
254	0.3	0.2	0.2#

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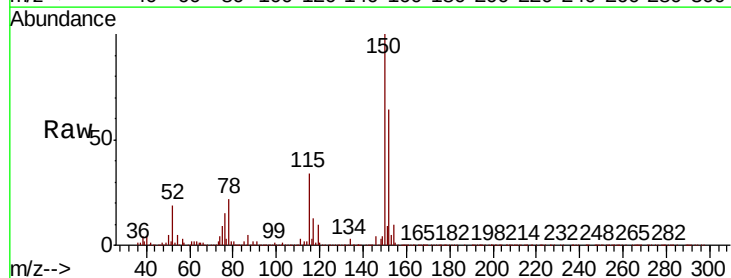


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

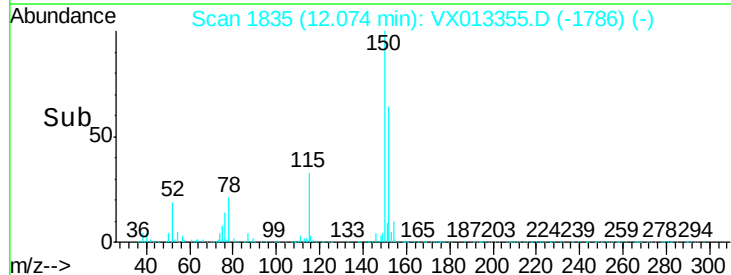
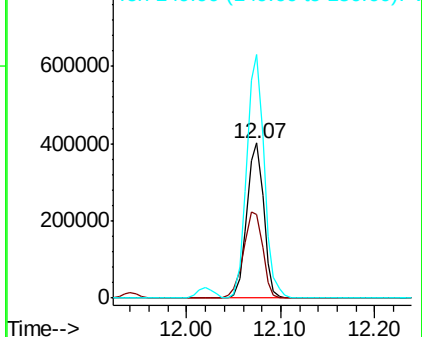


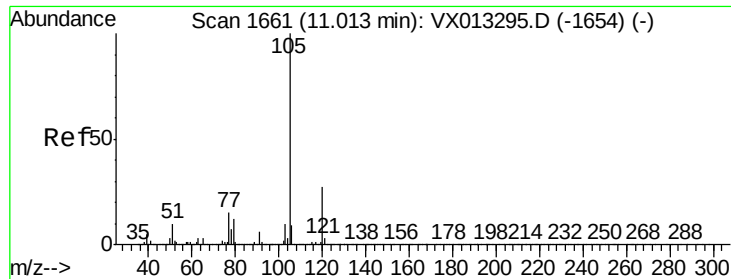
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	39.5	118.3
150	162.5	0.0	344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.088 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 105 Resp: 700155

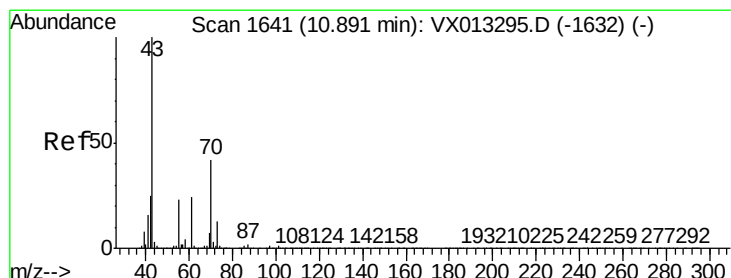
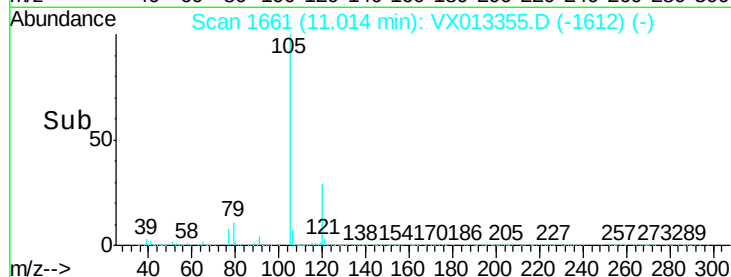
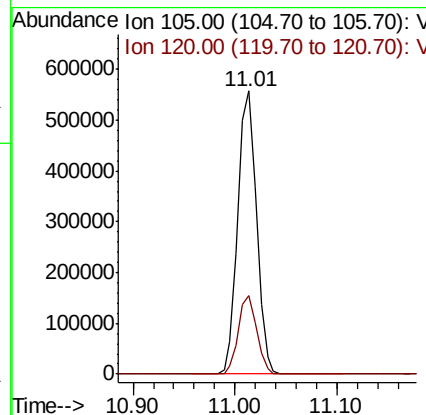
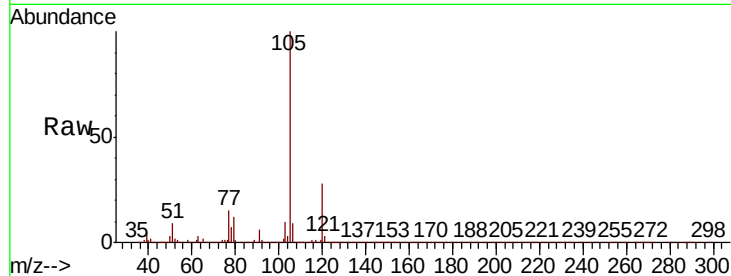
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.627 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion: 43 Resp: 302181

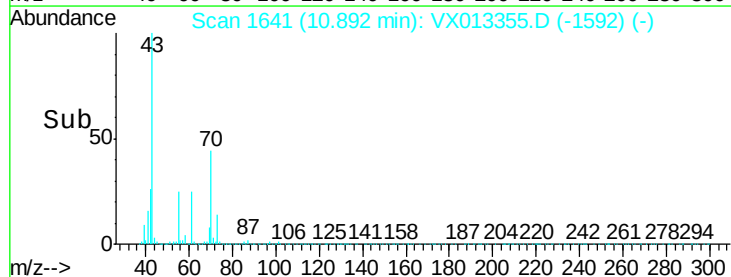
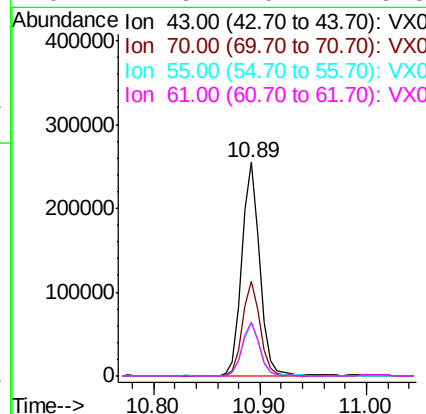
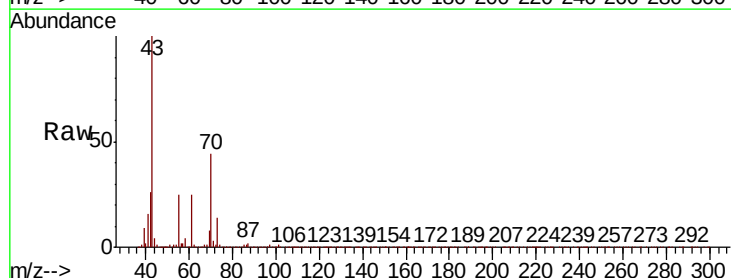
Ion Ratio Lower Upper

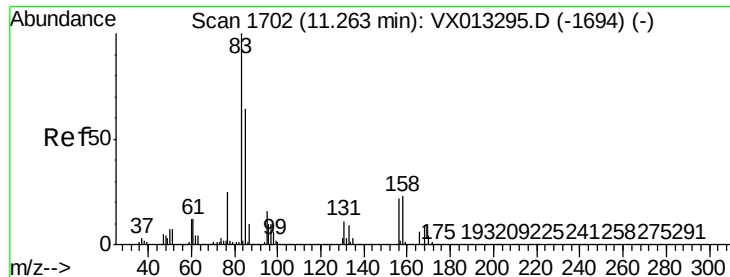
43 100

70 44.1 34.1 51.1

55 24.5 18.9 28.3

61 24.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.175 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

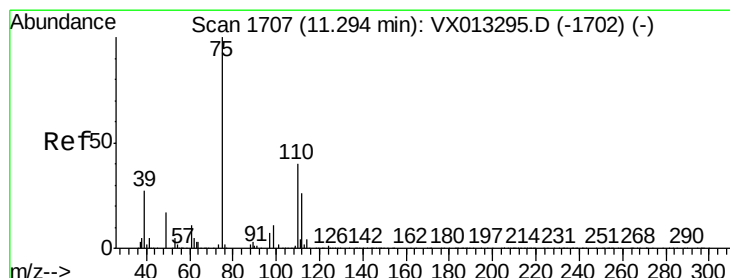
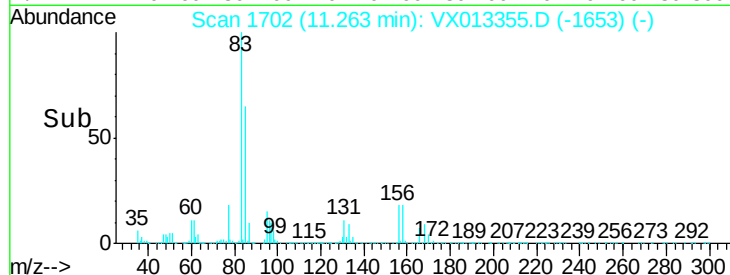
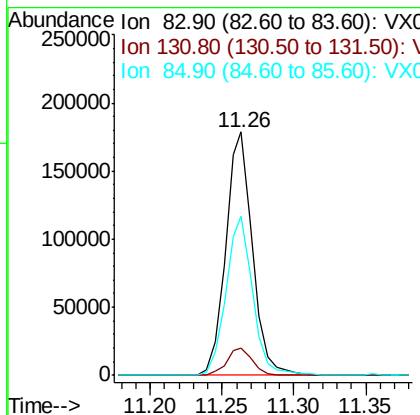
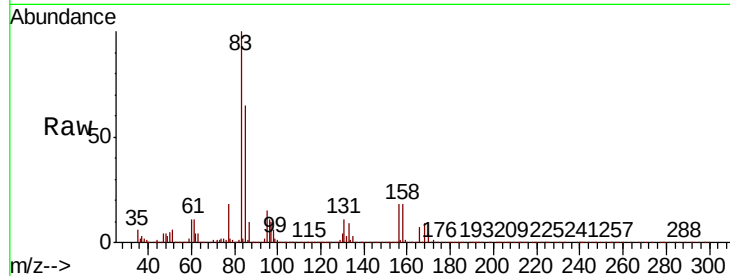
ClientSampleId :

VX1108WBSD01

Tot Ion:	83	Resp:	232253
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.3
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 18.867 ug/l m

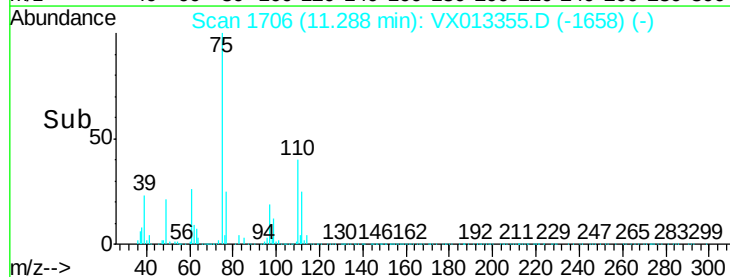
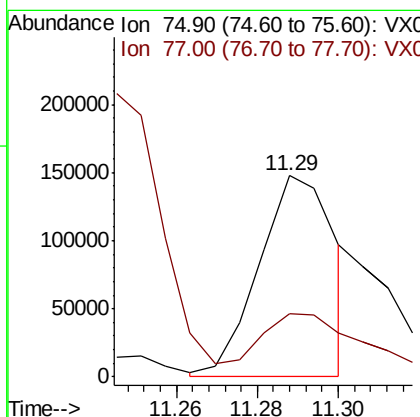
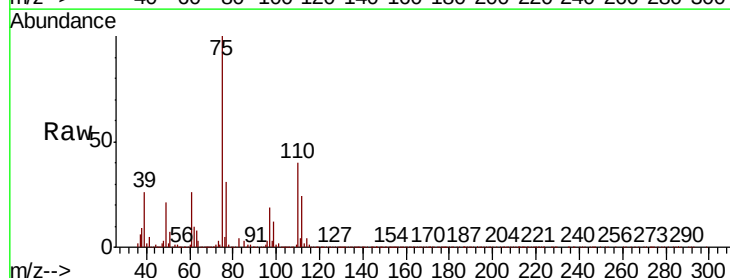
RT: 11.29 min Scan# 1706

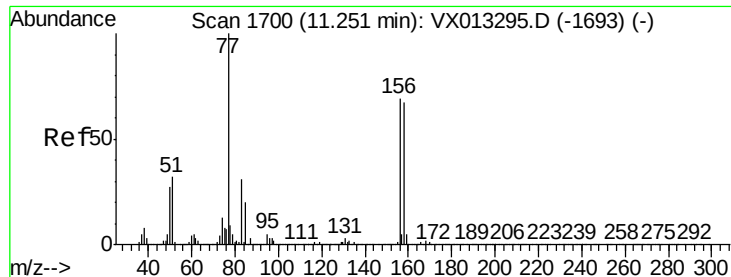
Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion:	75	Resp:	191903
Ion Ratio	Lower	Upper	
75	100		
77	42.9	22.3	66.8





#77

Bromobenzene

Concen: 20.394 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

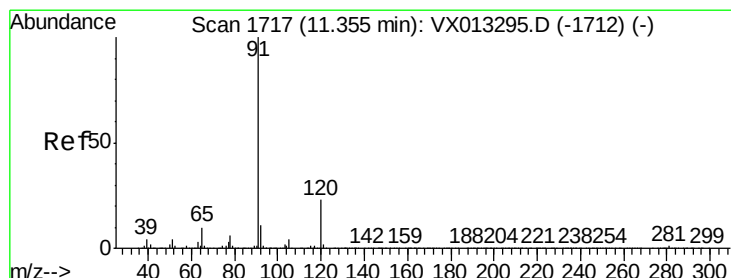
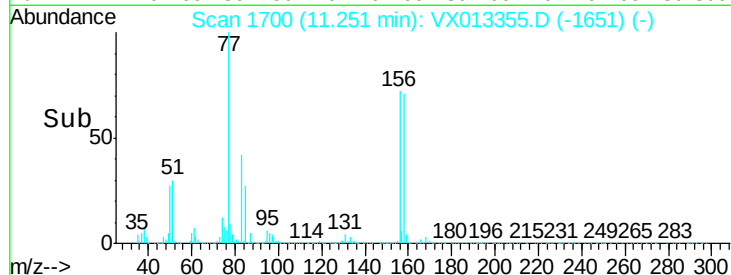
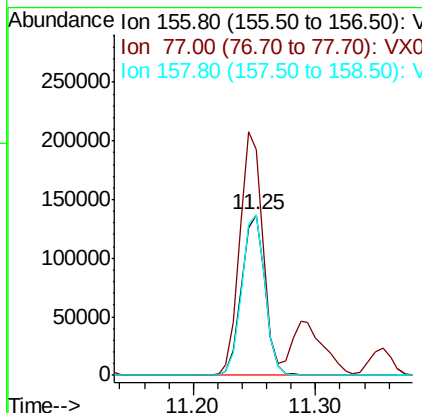
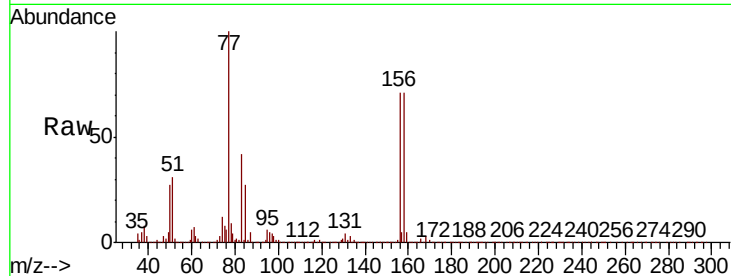
ClientSampleId :

VX1108WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		180512		
77	147.5	75.8	227.4		
158	99.3	47.6	142.8		

Manual Integrations
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#78

n-propylbenzene

Concen: 21.477 ug/l

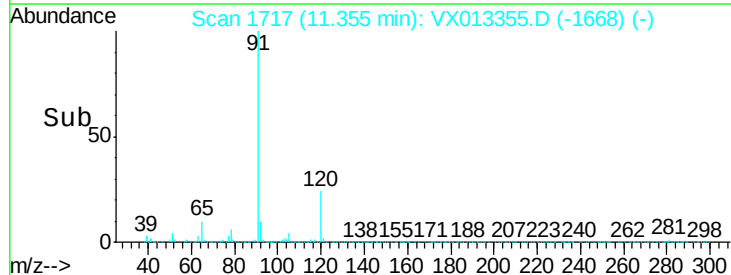
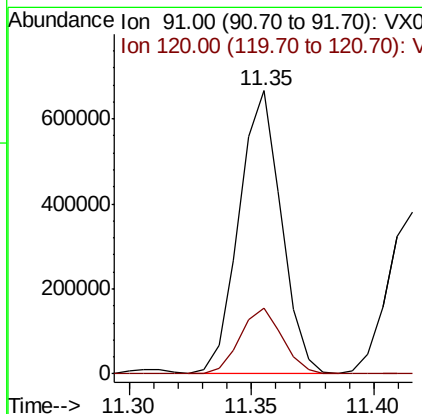
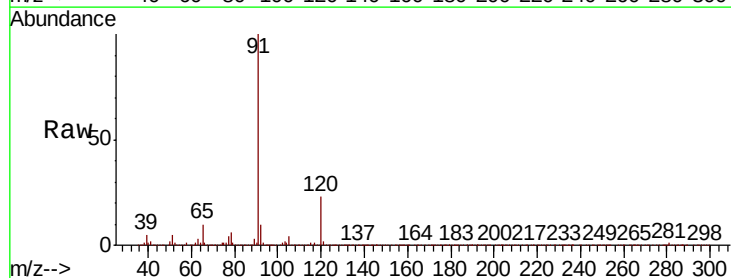
RT: 11.35 min Scan# 1717

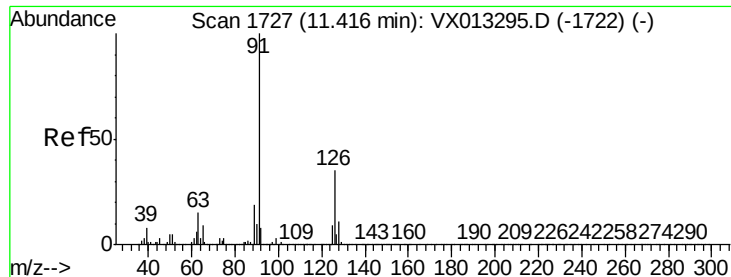
Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		794295		
120	23.6	11.6	34.8		





#79

2-Chlorotoluene

Concen: 20.785 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion: 91 Resp: 463157

Ion Ratio Lower Upper

91 100

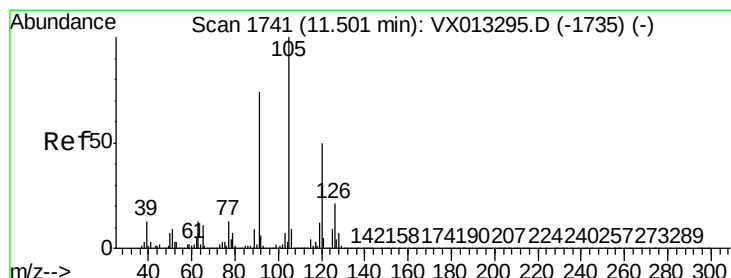
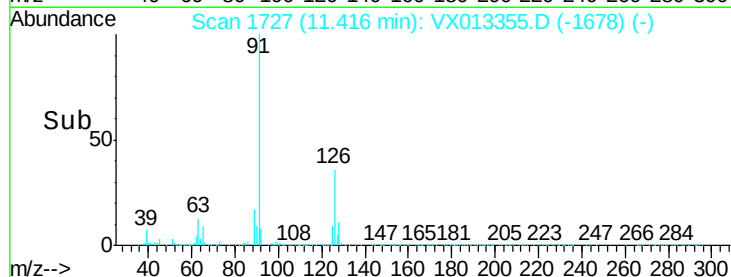
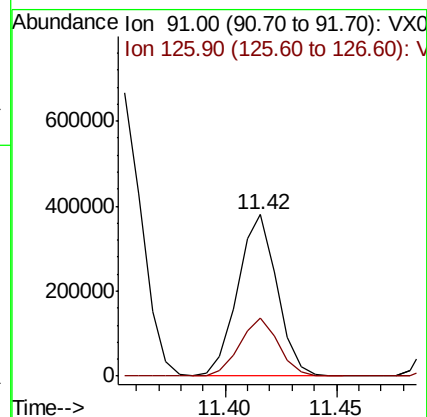
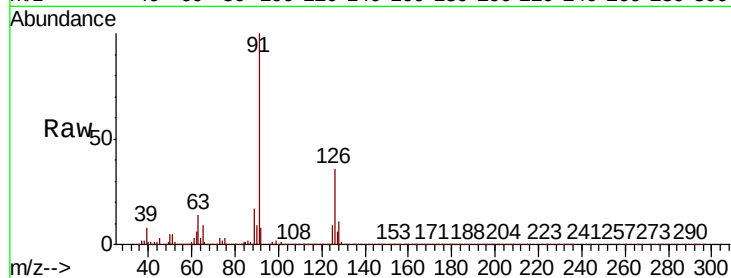
126 35.3 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.043 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013355.D

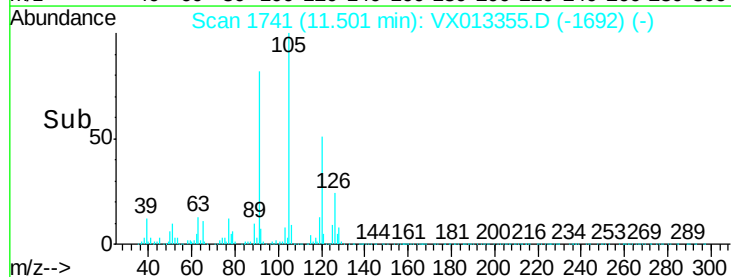
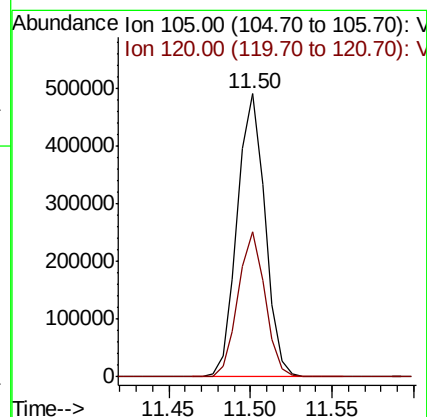
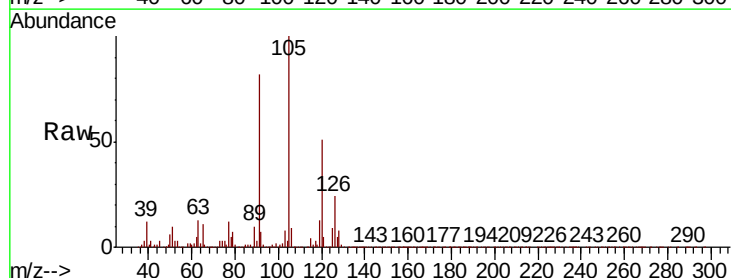
Acq: 08 Nov 2019 11:44

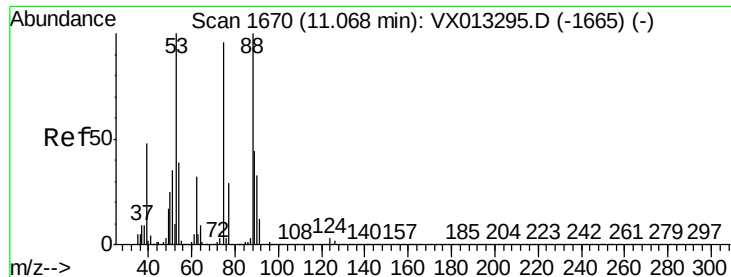
Tgt Ion: 105 Resp: 581932

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8





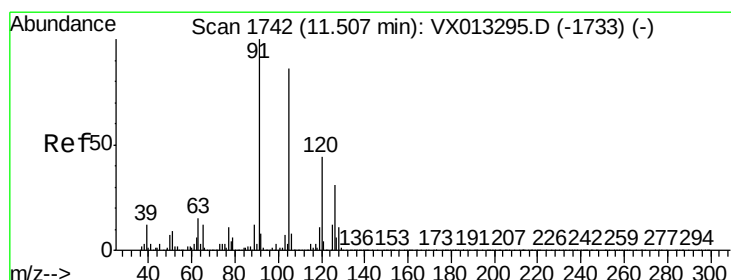
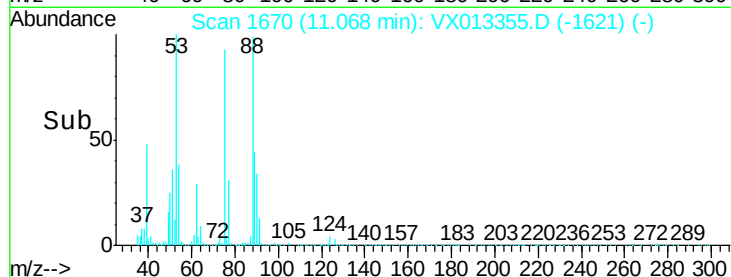
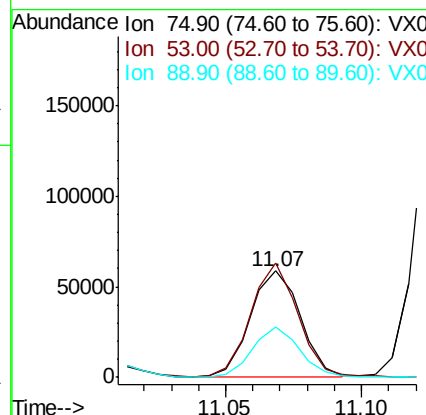
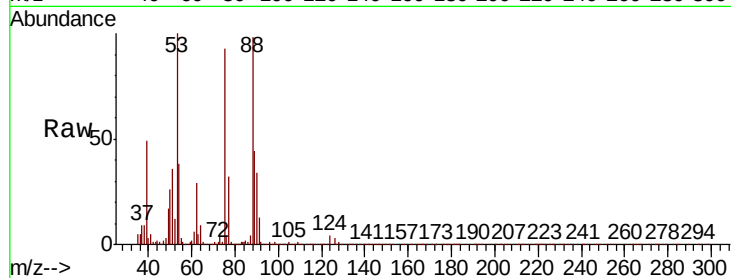
#81
trans-1,4-Dichloro-2-butene
Concen: 18.792 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	81.0	121.6
89	45.4	36.0	54.0

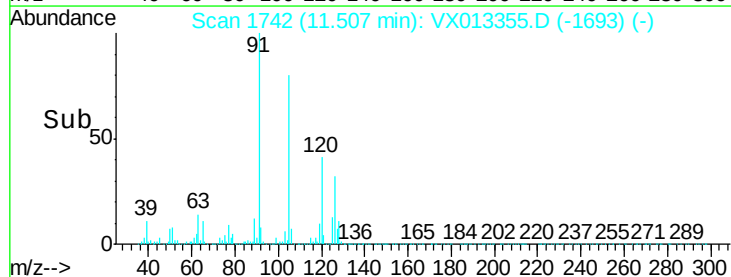
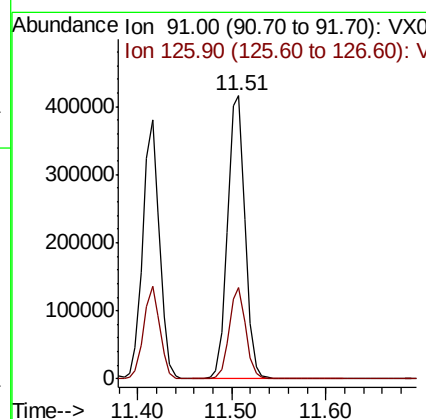
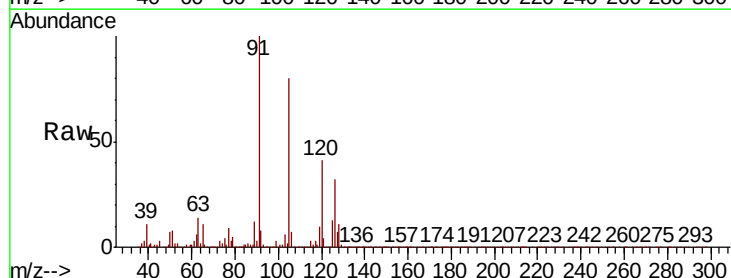
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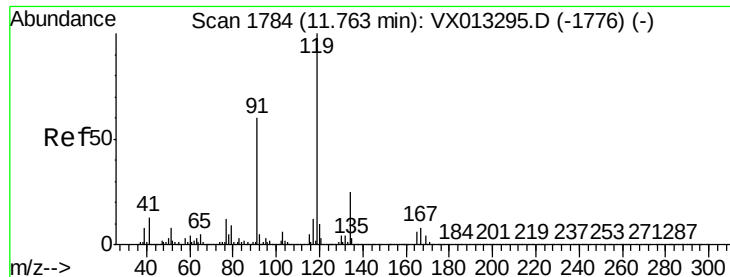
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.458 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





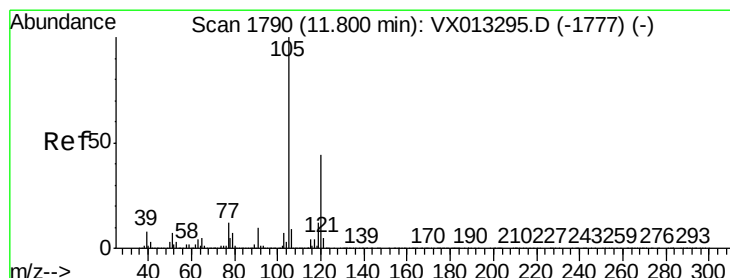
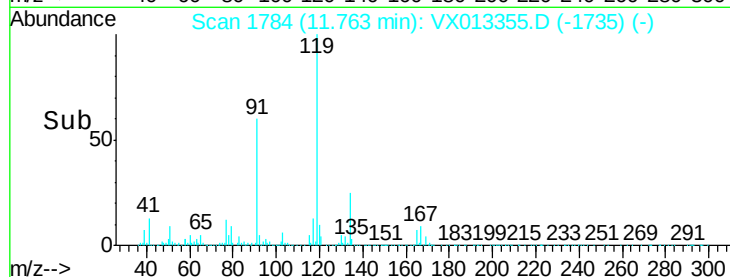
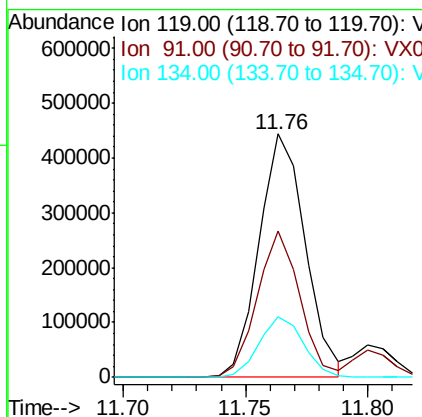
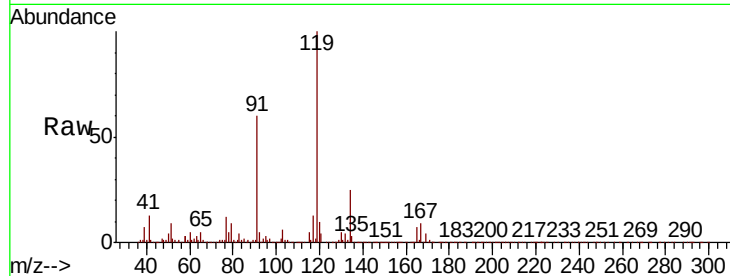
#83
 tert-Butylbenzene
 Concen: 20.896 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	581718		
91	55.6	26.9	80.7	
134	24.1	11.7	35.1	

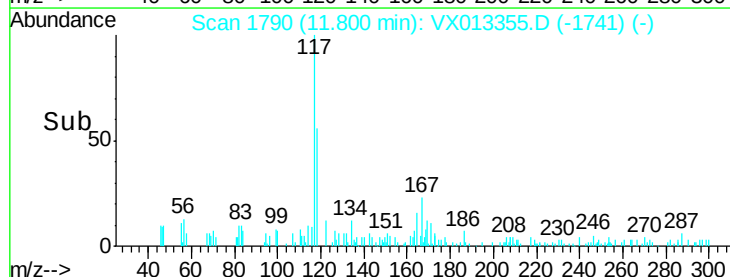
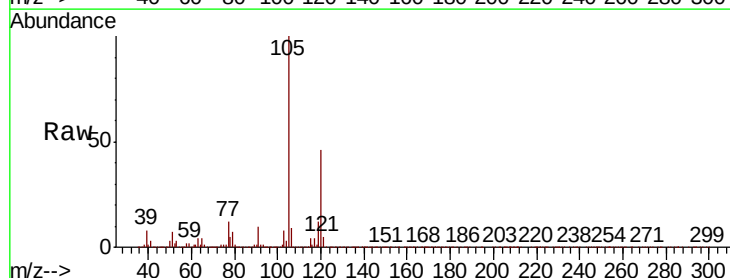
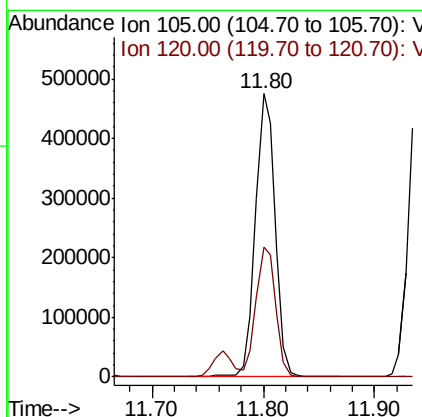
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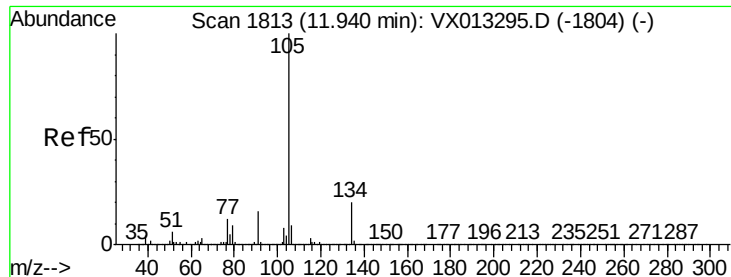
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.116 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	585807		
120	45.7	22.7	68.1	





#85

sec-Butylbenzene

Concen: 20.965 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tot Ion:105 Resp: 670764

Ion Ratio Lower Upper

105 100

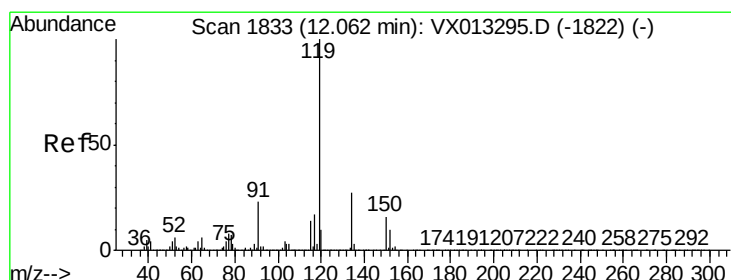
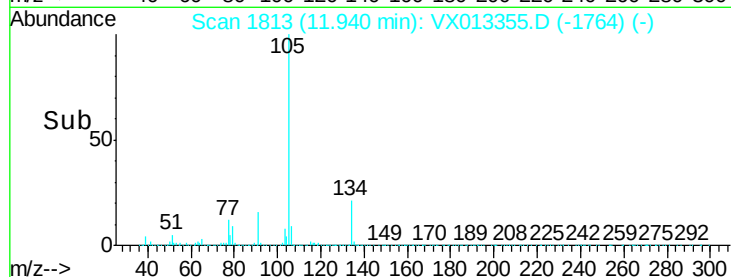
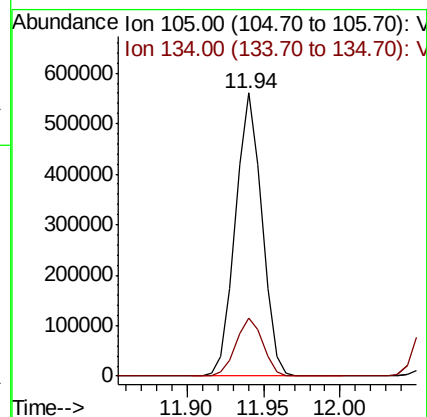
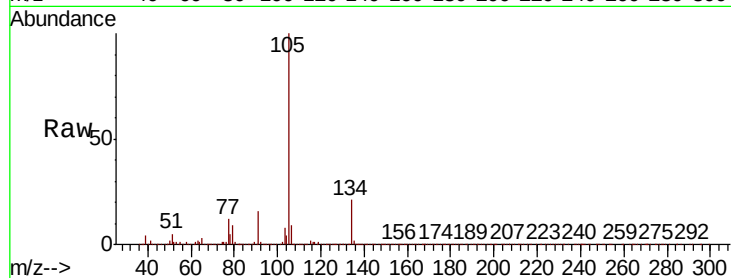
134 21.0 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 21.400 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

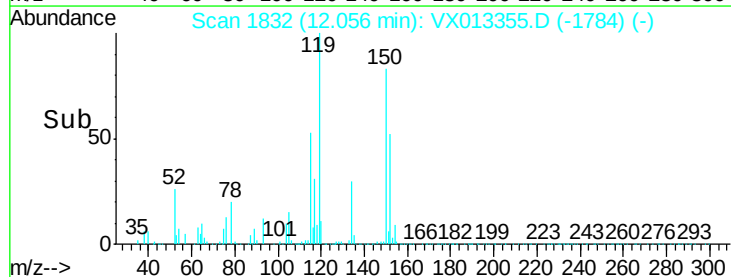
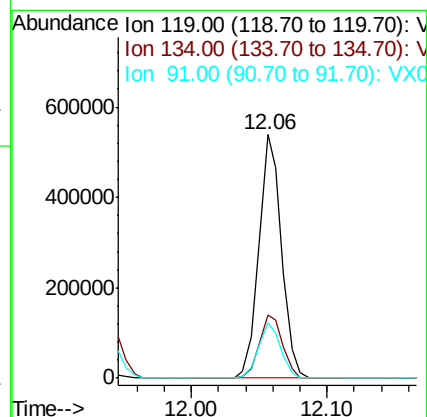
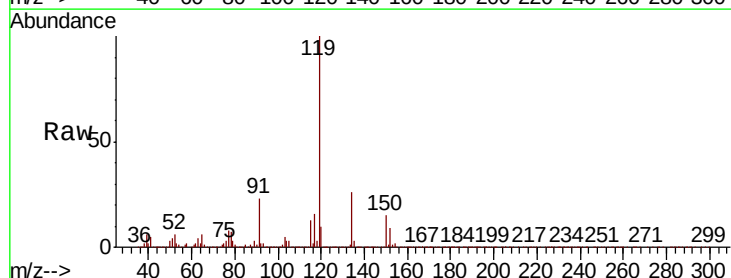
Tgt Ion:119 Resp: 630473

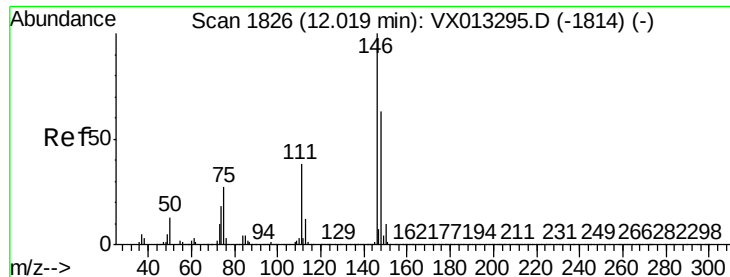
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 20.159 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

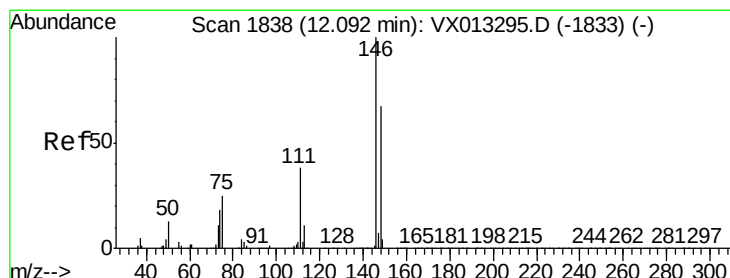
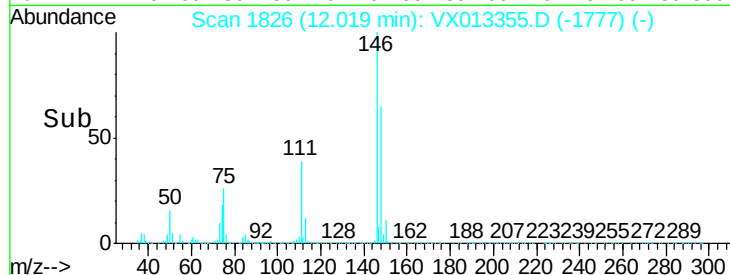
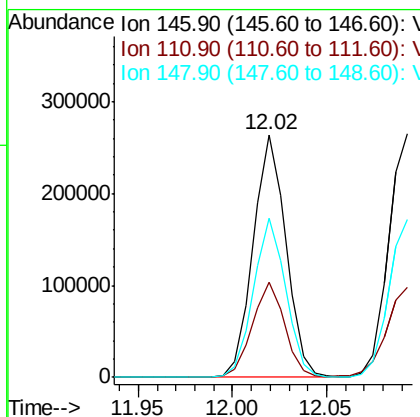
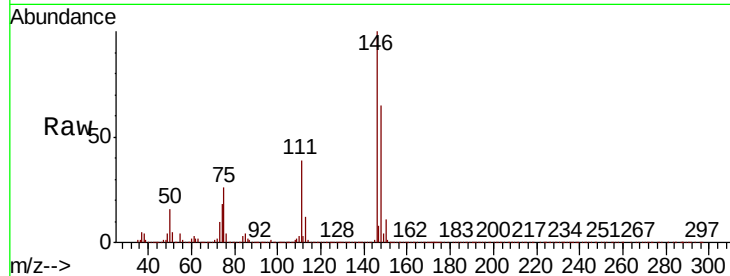
Instrument :
MSVOA_X

ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.9	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 19.984 ug/l

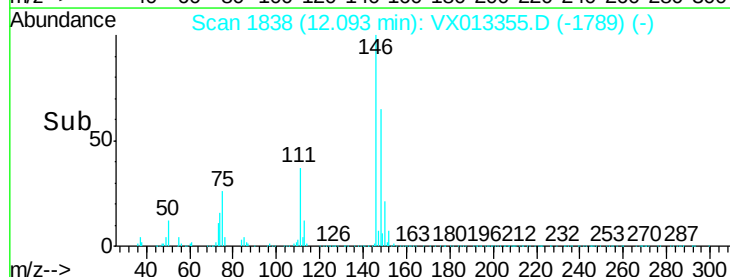
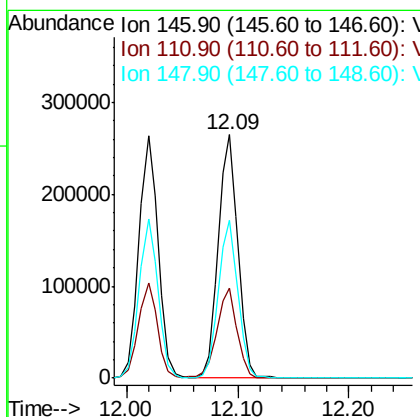
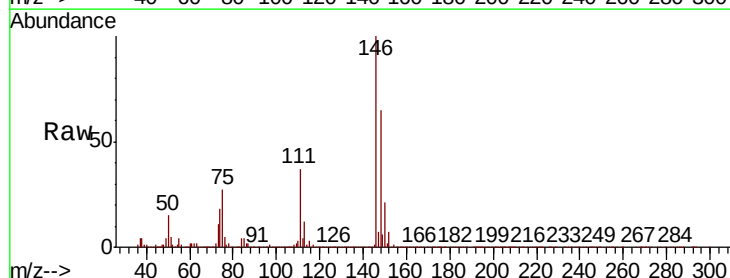
RT: 12.09 min Scan# 1838

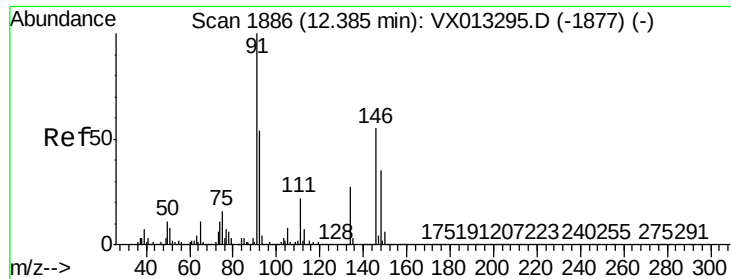
Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.6	32.4	97.0





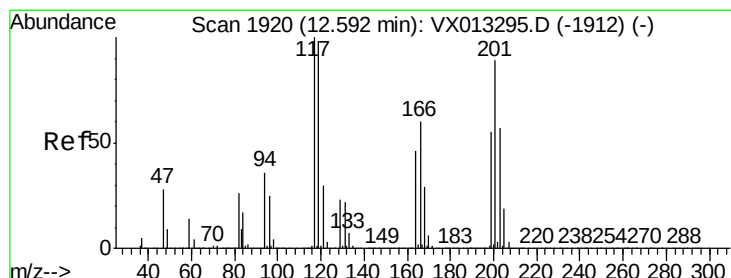
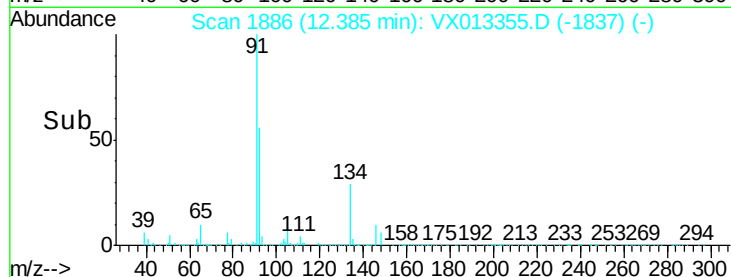
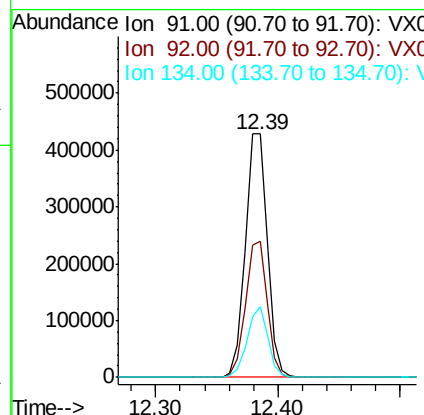
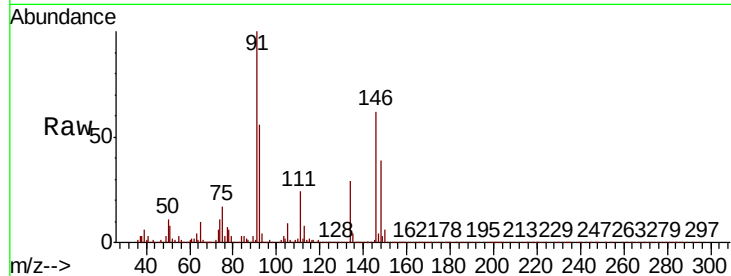
#89
n-Butylbenzene
Concen: 20.605 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.1	27.3	81.8	
134	27.3	13.5	40.5	

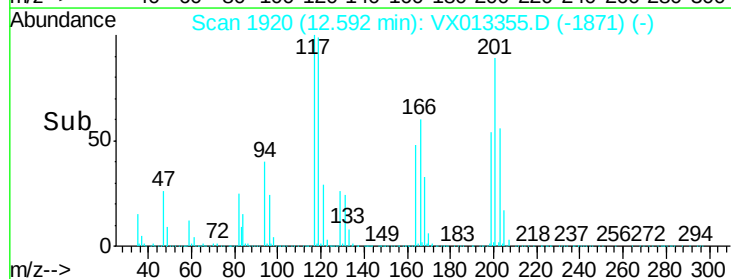
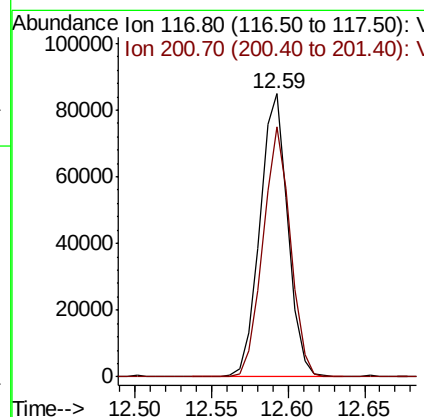
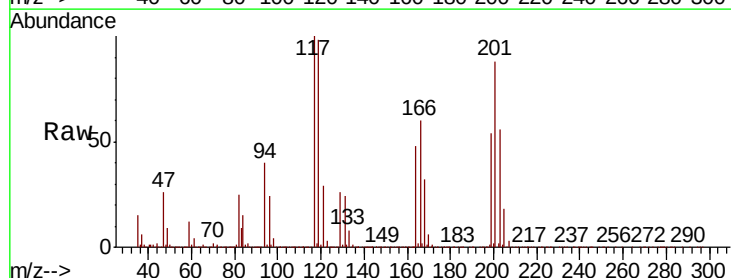
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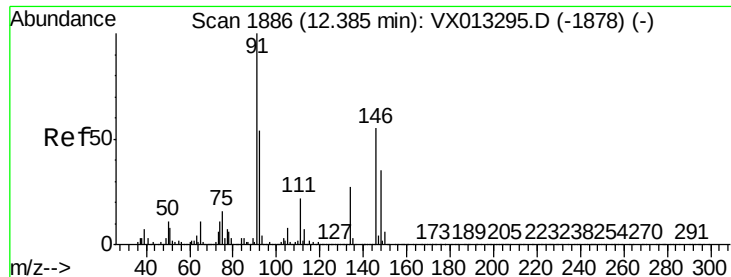
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#90
Hexachloroethane
Concen: 20.539 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.4	43.9	131.7	





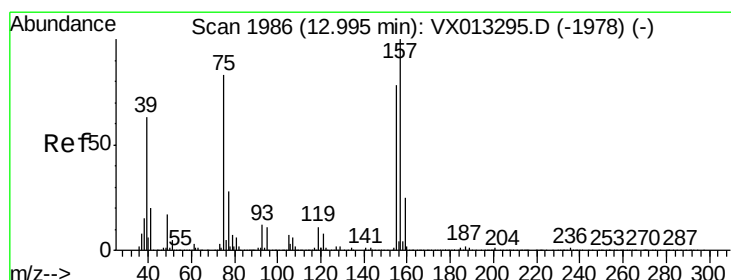
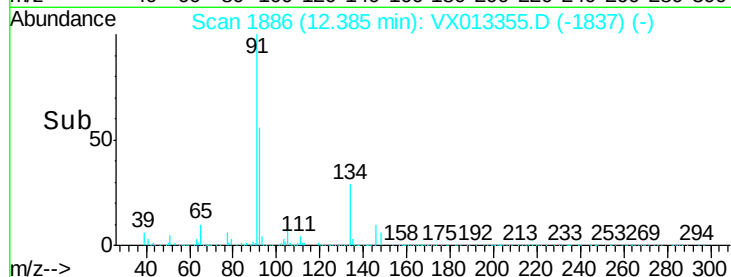
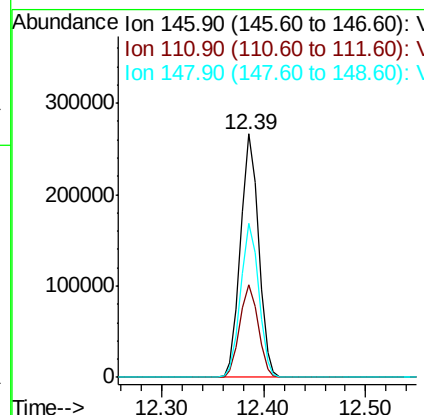
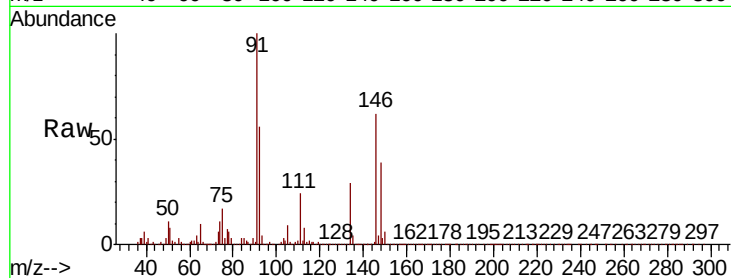
#91
 1,2-Dichlorobenzene
 Concen: 20.616 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	325135		
111	38.8	20.1	60.2	
148	63.2	32.0	96.0	

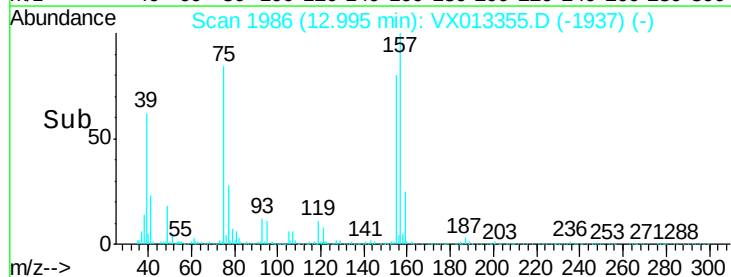
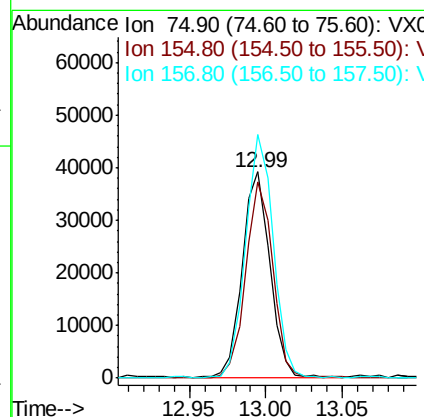
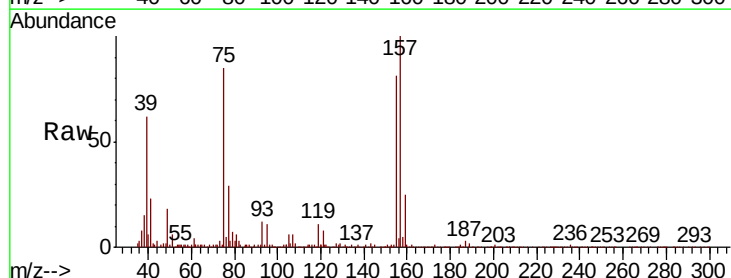
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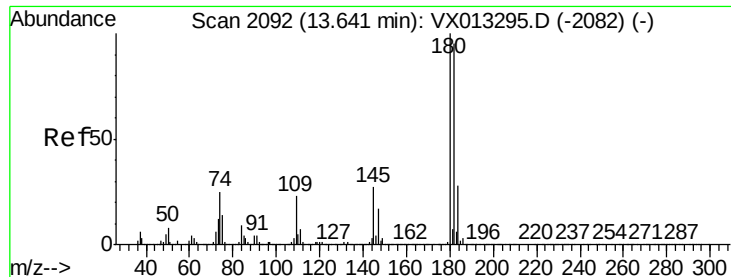
MMDadoda
 11/11/2019 3:34:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.667 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49182		
155	93.3	47.1	141.4	
157	117.7	61.3	183.8	





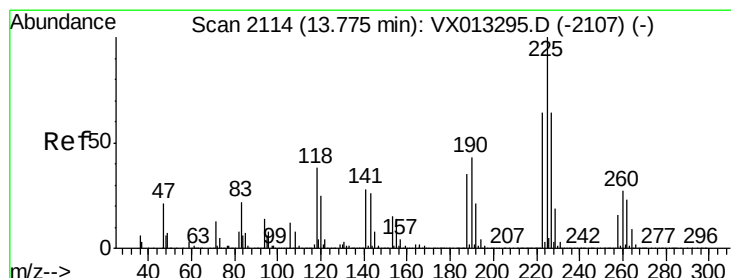
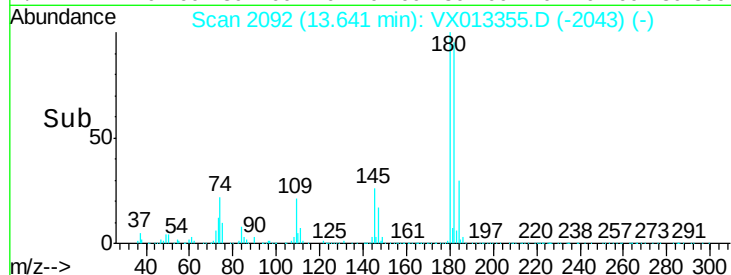
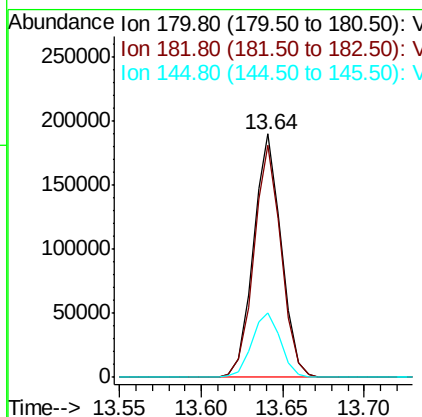
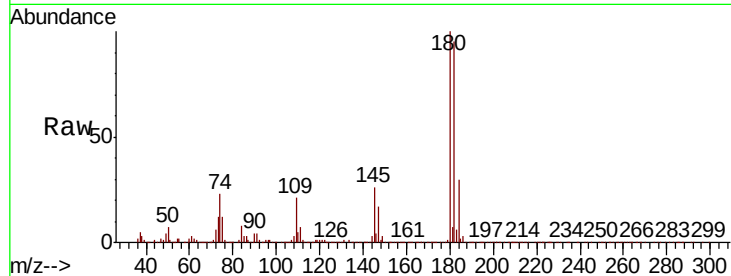
#93
 1,2,4-Trichlorobenzene
 Concen: 20.369 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	224080		
182	94.2	48.4	145.0	
145	27.7	14.1	42.4	

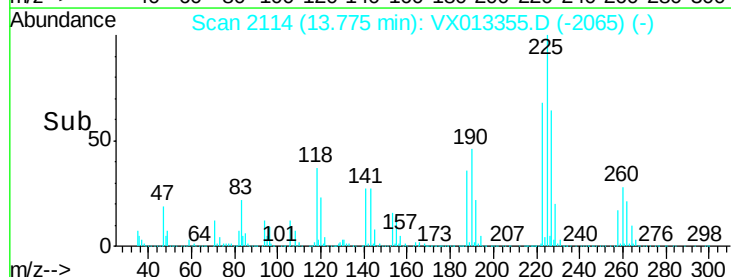
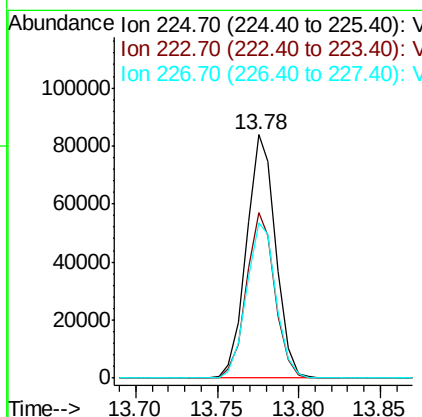
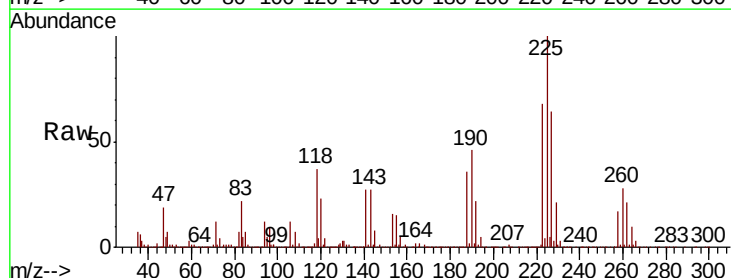
Manual Integrations
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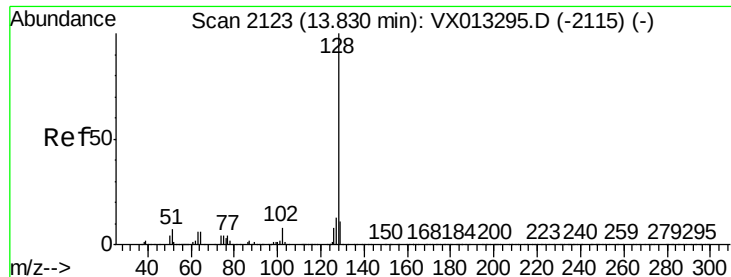
MMDadoda
 11/11/2019 3:34:20 PM



#94
 Hexachlorobutadiene
 Concen: 19.353 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104160		
223	66.3	31.9	95.7	
227	64.9	31.9	95.9	





#95

Naphthalene

Concen: 19.165 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

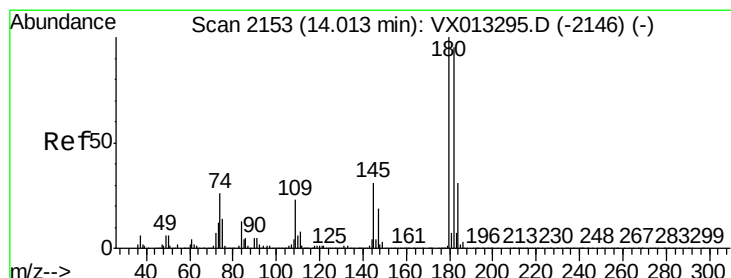
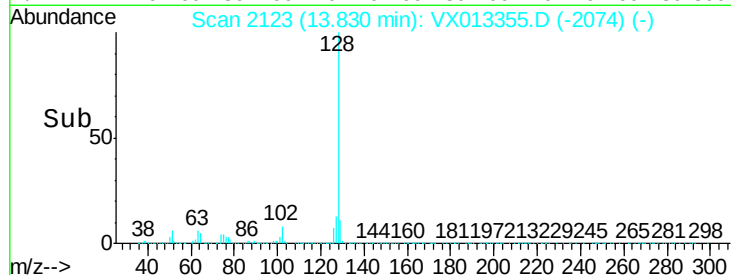
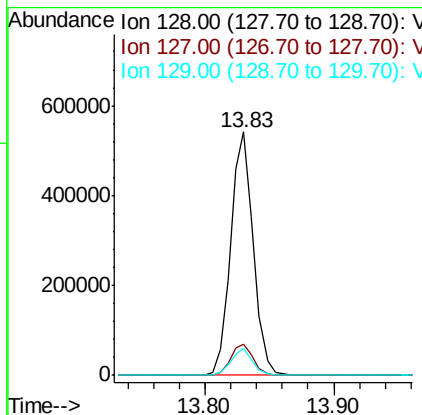
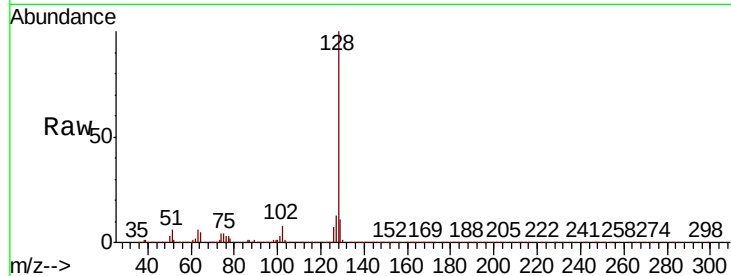
ClientSampleId :

VX1108WBSD01

Tot Ion:	128	Resp:	661472
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.6	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/11/2019 3:34:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.876 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion:	180	Resp:	219283
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.2
145	30.0	15.4	46.4

