

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013490.D
 Acq On : 20 Nov 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 11/21/2019 9:54:38 AM

Quant Time: Nov 21 04:54:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	607636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	932069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	828902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418699	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	339870	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	283152	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	1059598	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.14	95	381322	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	323428	46.196	ug/l	97
3) Chloromethane	1.31	50	354898	46.744	ug/l	98
4) Vinyl Chloride	1.40	62	428809	49.610	ug/l	98
5) Bromomethane	1.63	94	281156	46.677	ug/l	100
6) Chloroethane	1.71	64	241915	48.935	ug/l	98
7) Trichlorofluoromethane	1.92	101	493507	48.326	ug/l	97
8) Diethyl Ether	2.18	74	235293	52.104	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	301845	53.032	ug/l	98
10) Methyl Iodide	2.50	142	327579	46.486	ug/l	98
11) Tert butyl alcohol	3.04	59	446942	235.560	ug/l	100
12) 1,1-Dichloroethene	2.36	96	294414	52.821	ug/l	97
13) Acrolein	2.28	56	243242	236.544	ug/l	97
14) Allyl chloride	2.72	41	547434	54.055	ug/l	97
15) Acrylonitrile	3.13	53	998090	281.613	ug/l	99
16) Acetone	2.43	43	1106132	308.062	ug/l	99
17) Carbon Disulfide	2.56	76	702685	47.102	ug/l	99
18) Methyl Acetate	2.76	43	592967	59.818	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	1088337	58.544	ug/l	98
20) Methylene Chloride	2.84	84	344809	51.975	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	318610	52.500	ug/l	99
22) Diisopropyl ether	3.84	45	1115820	57.070	ug/l	97
23) Vinyl Acetate	3.80	43	3717581	222.204	ug/l	100
24) 1,1-Dichloroethane	3.69	63	608207	55.608	ug/l	100
25) 2-Butanone	4.65	43	1518387	288.257	ug/l	98
26) 2,2-Dichloropropane	4.57	77	470827	54.112	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	382435	56.254	ug/l	99
28) Bromochloromethane	5.00	49	169743	54.659	ug/l	96
29) Tetrahydrofuran	5.11	42	902115	277.913	ug/l	99
30) Chloroform	5.20	83	599752	55.532	ug/l	98
31) Cyclohexane	5.57	56	504009	51.211	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	519191	55.860	ug/l	99
36) 1,1-Dichloropropene	5.79	75	428661	53.609	ug/l	98
37) Ethyl Acetate	4.82	43	537448	54.395	ug/l	100
38) Carbon Tetrachloride	5.78	117	431465	55.181	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511718	51.361	ug/l	100
40) Benzene	6.13	78	1346482	54.060	ug/l	100
41) Methacrylonitrile	5.03	41	301140	54.377	ug/l	98
42) 1,2-Dichloroethane	6.18	62	483437	53.810	ug/l	98
43) Isopropyl Acetate	6.43	43	879577	57.169	ug/l	99
44) Trichloroethene	7.21	130	384904	56.140	ug/l	96
45) 1,2-Dichloropropane	7.51	63	360530	56.810	ug/l	100
46) Dibromomethane	7.65	93	232011	53.544	ug/l	96
47) Bromodichloromethane	7.89	83	478820	58.601	ug/l	97
48) Methyl methacrylate	7.76	41	436942	56.893	ug/l	97
49) 1,4-Dioxane	7.73	88	168708	959.208	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2809554	278.333	ug/l	98
52) Toluene	8.78	92	860753	55.758	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	520600	58.267	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	577098	57.741	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	363734	56.846	ug/l	99
56) Ethyl methacrylate	9.17	69	593503	54.196	ug/l	97
57) 1,3-Dichloropropane	9.37	76	603653	55.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1130167	258.320	ug/l	99
59) 2-Hexanone	9.49	43	2221367	284.769	ug/l	99
60) Dibromochloromethane	9.58	129	389457	59.513	ug/l	100
61) 1,2-Dibromoethane	9.67	107	376890	55.470	ug/l	99
64) Tetrachloroethene	9.33	164	508410	85.680	ug/l	100
65) Chlorobenzene	10.14	112	933470	55.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	360885	58.569	ug/l	99
67) Ethyl Benzene	10.25	91	1638083	56.558	ug/l	98
68) m/p-Xylenes	10.35	106	1243924	113.563	ug/l	100
69) o-Xylene	10.70	106	619914	57.807	ug/l	98
70) Styrene	10.71	104	1057879	59.013	ug/l	98
71) Bromoform	10.85	173	308968	53.819	ug/l	99
73) Isopropylbenzene	11.01	105	1640328	59.089	ug/l	100
74) N-amyl acetate	10.89	43	772954	60.044	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	558579	55.155	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	459002m	53.973	ug/l	
77) Bromobenzene	11.25	156	430270	58.140	ug/l	98
78) n-propylbenzene	11.35	91	1831347	59.222	ug/l	99
79) 2-Chlorotoluene	11.42	91	1080393	57.988	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1354117	58.562	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	194627	58.907	ug/l	96
82) 4-Chlorotoluene	11.51	91	1239426	56.829	ug/l	99
83) tert-Butylbenzene	11.76	119	1203081	51.686	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	1423289	61.360	ug/l	99
85) sec-Butylbenzene	11.94	105	1594529	59.605	ug/l	100
86) p-Isopropyltoluene	12.06	119	1466345	59.526	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	754602	57.203	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	747866	55.644	ug/l	99
89) n-Butylbenzene	12.39	91	1238408	57.615	ug/l	99
90) Hexachloroethane	12.59	117	263067	59.938	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	760945	57.707	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	131031	53.106	ug/l	98

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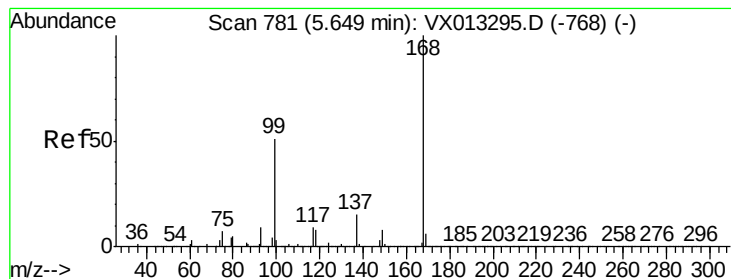
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	520128	56.548	ug/l	100
94) Hexachlorobutadiene	13.78	225	241809	53.735	ug/l	100
95) Naphthalene	13.83	128	1684449	58.369	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	541167	58.667	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 607636

Ion Ratio Lower Upper

168 100

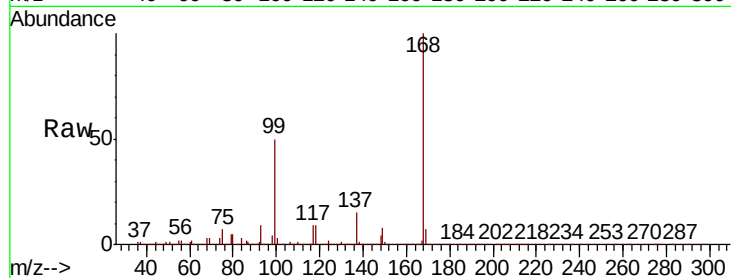
99 50.1 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

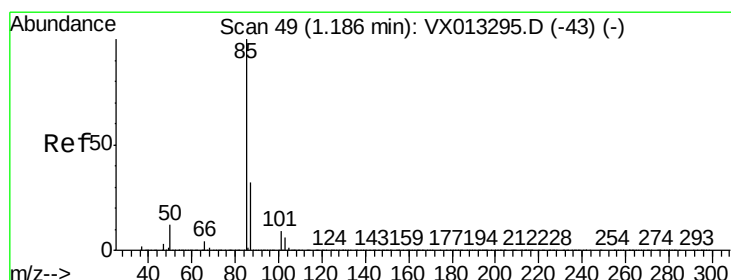
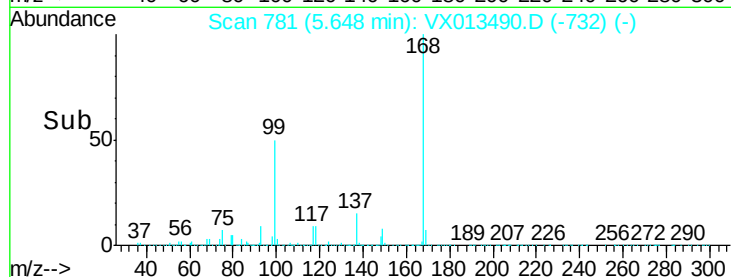
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.196 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013490.D

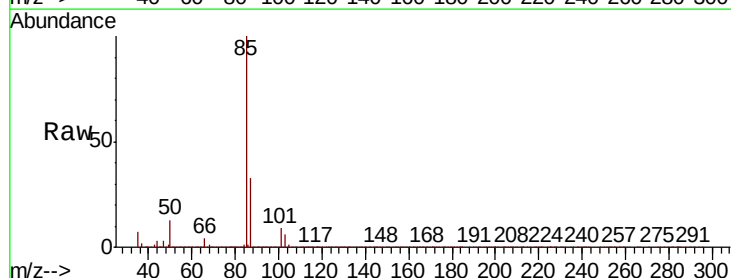
Acq: 20 Nov 2019 20:14

Tgt Ion: 85 Resp: 323428

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

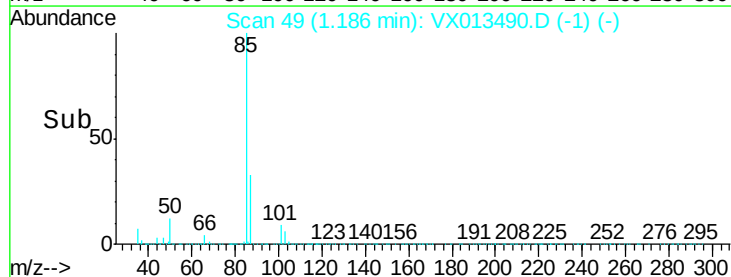
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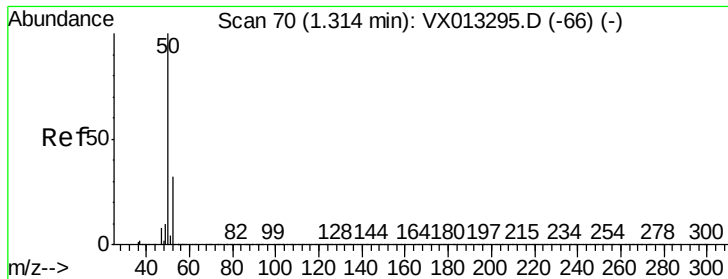
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.744 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 354898

Ion Ratio Lower Upper

50 100

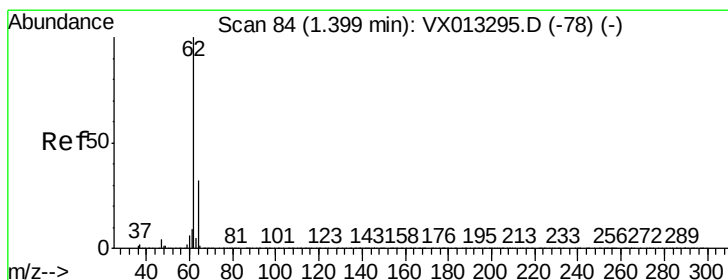
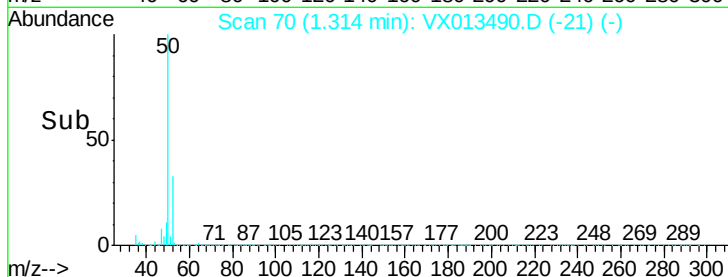
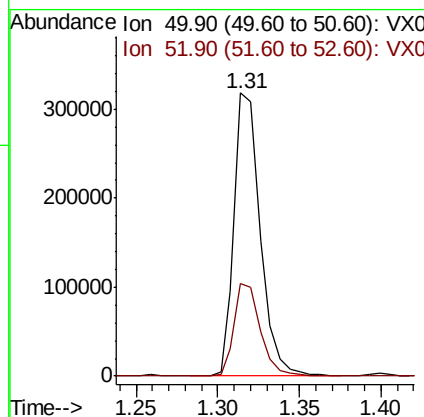
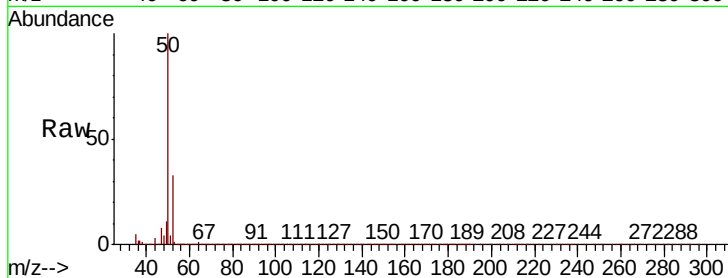
52 32.8 25.5 38.3

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#4

Vinyl Chloride

Concen: 49.610 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013490.D

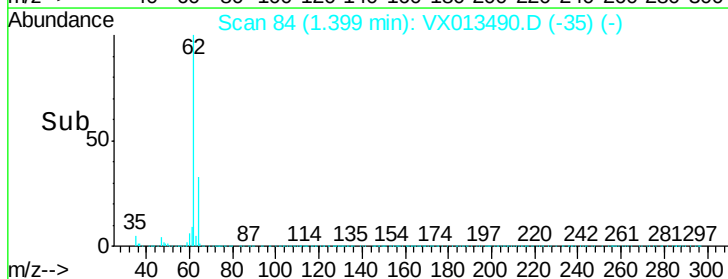
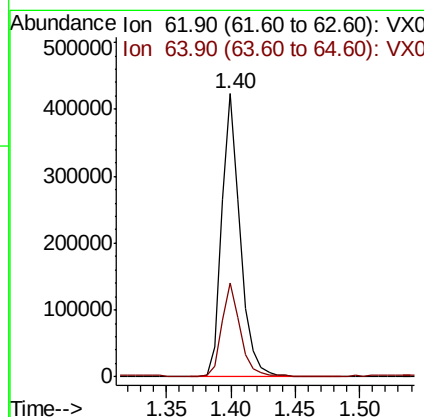
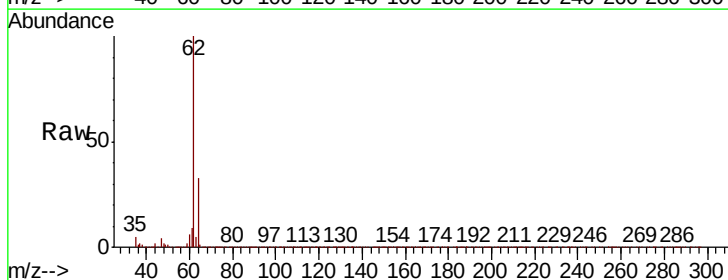
Acq: 20 Nov 2019 20:14

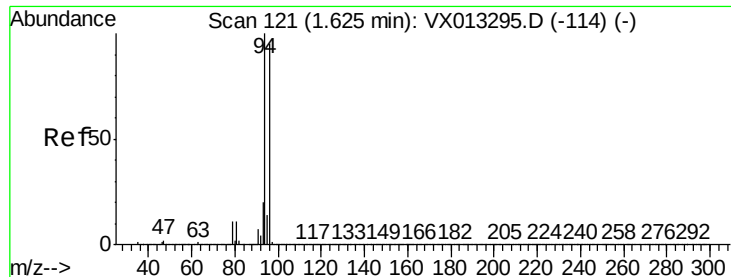
Tgt Ion: 62 Resp: 428809

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4





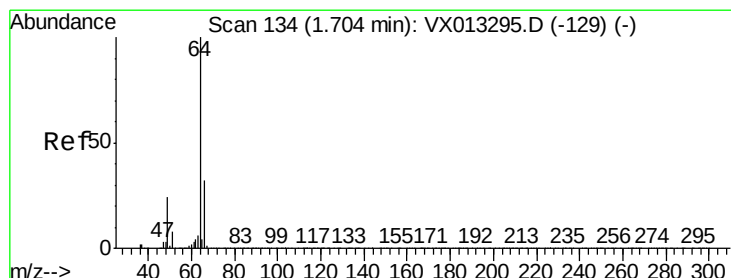
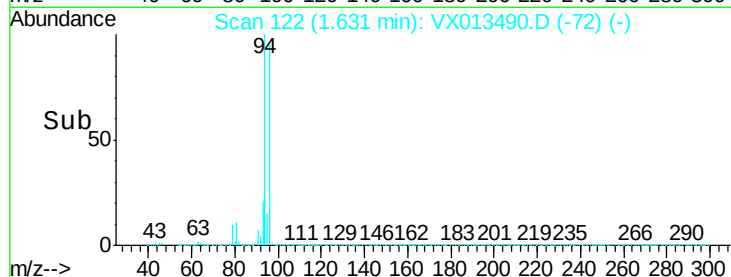
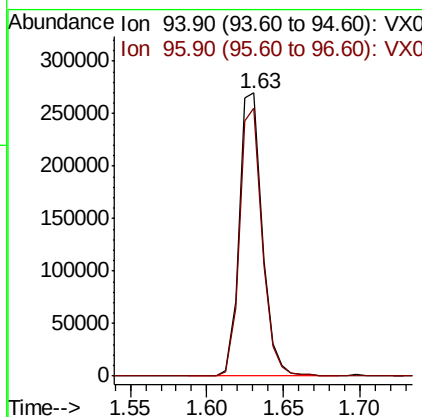
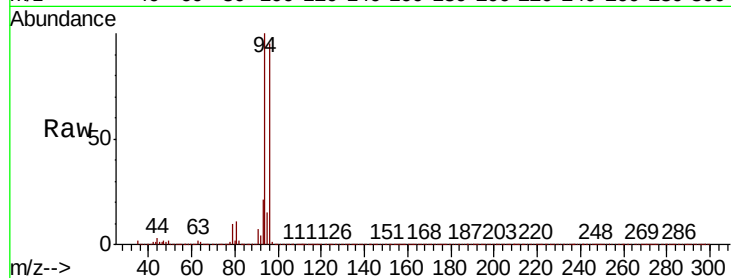
#5
Bromomethane
Concen: 46.677 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
94	100		
96	94.8	75.8	113.8

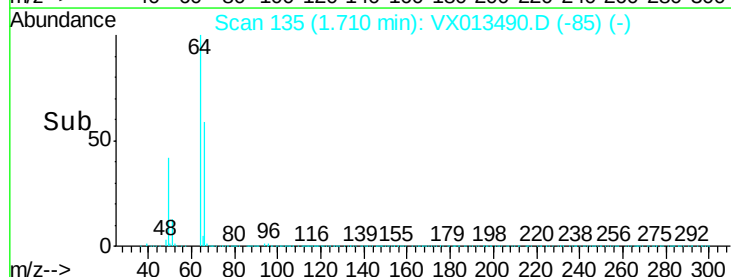
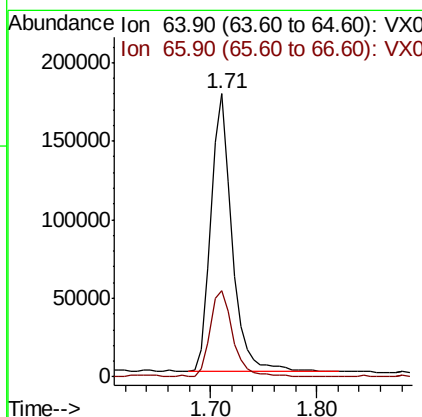
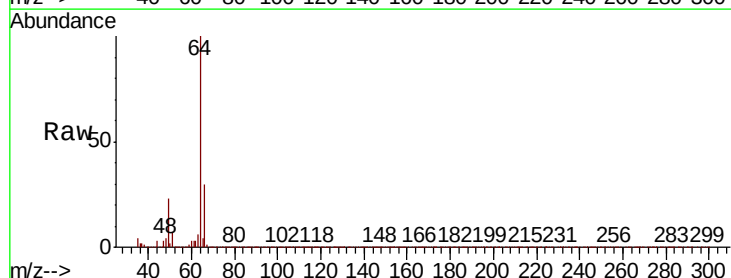
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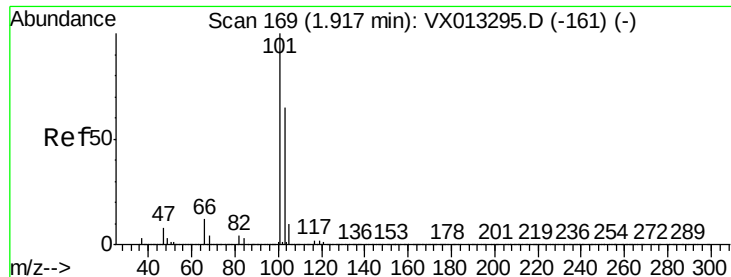
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#6
Chloroethane
Concen: 48.935 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
64	100		
66	30.8	25.6	38.4





#7

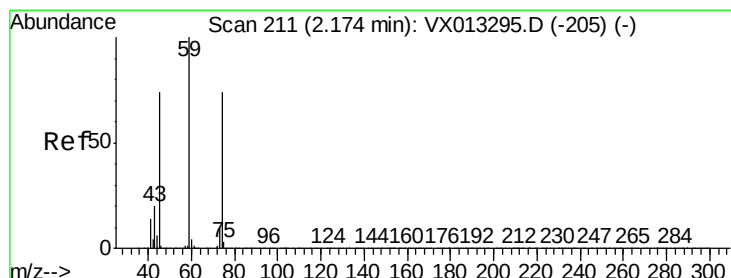
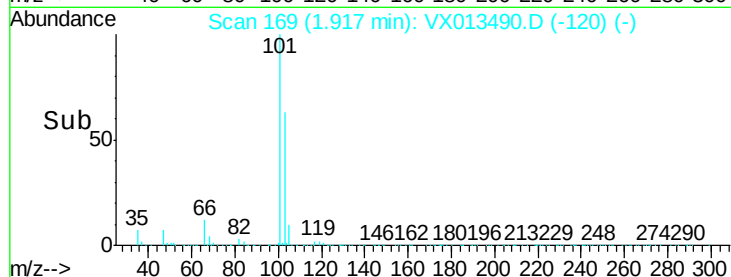
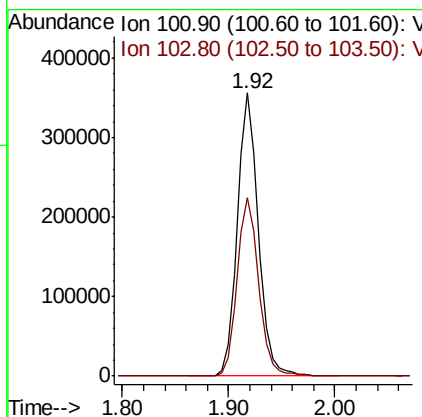
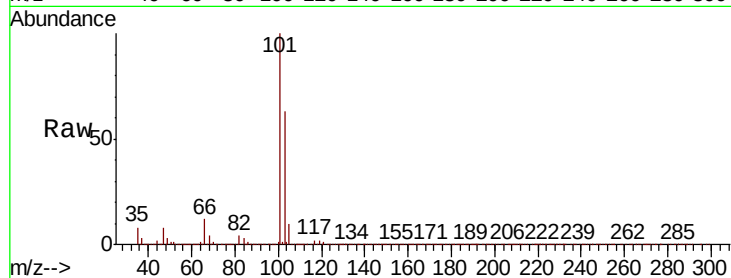
Trichlorofluoromethane
Concen: 48.326 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.3	78.5

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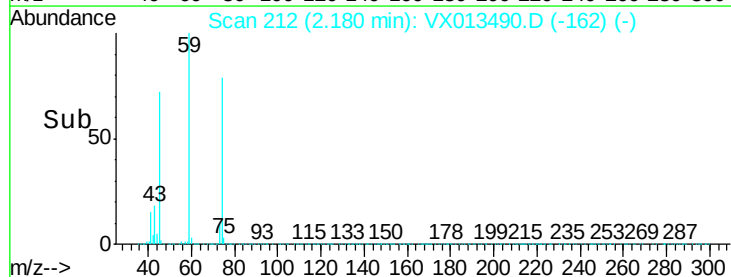
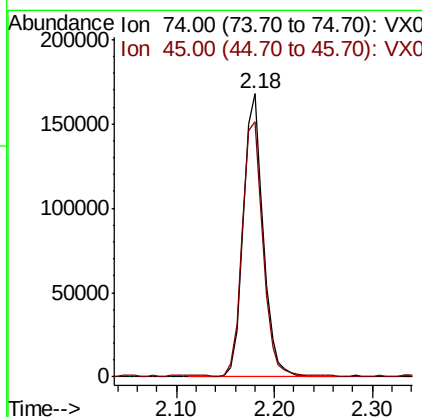
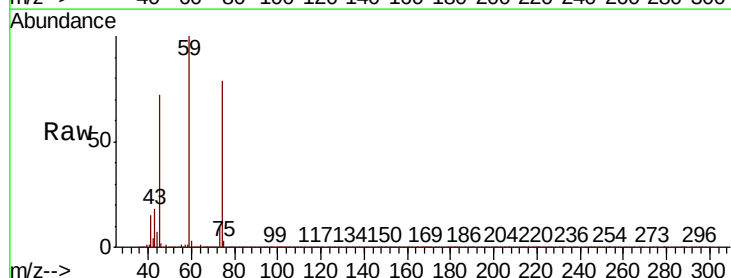
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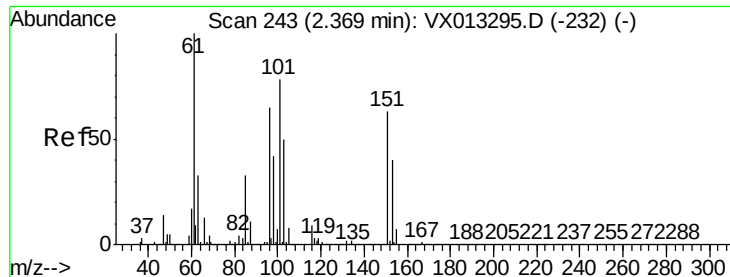


#8

Diethyl Ether
Concen: 52.104 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.032 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

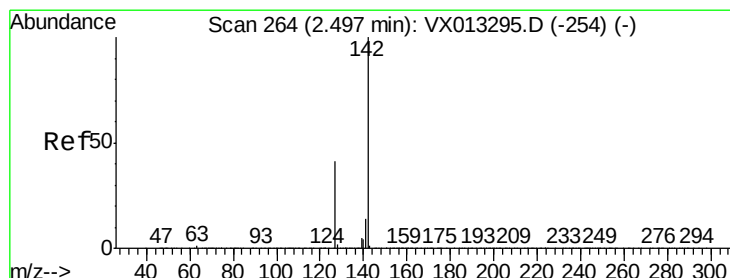
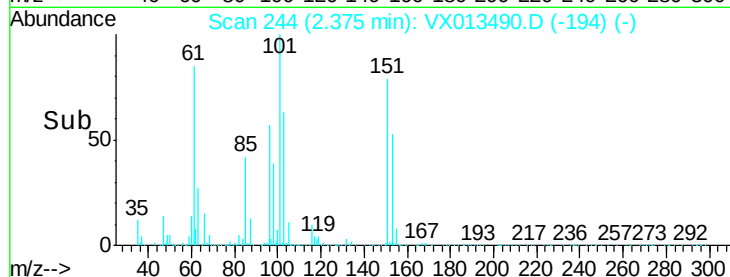
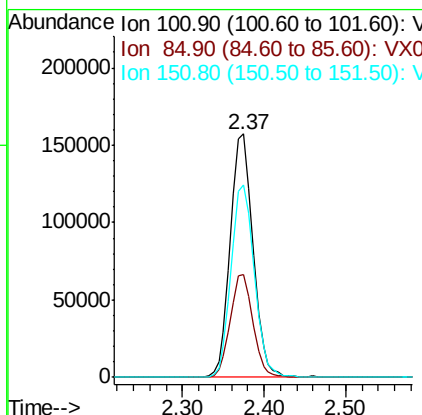
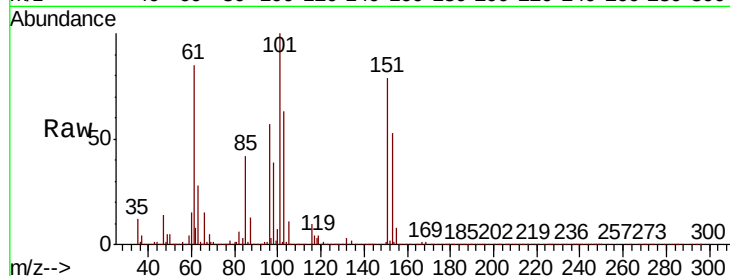
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	301845
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	80.5	66.4	99.6

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#10

Methyl Iodide

Concen: 46.486 ug/l

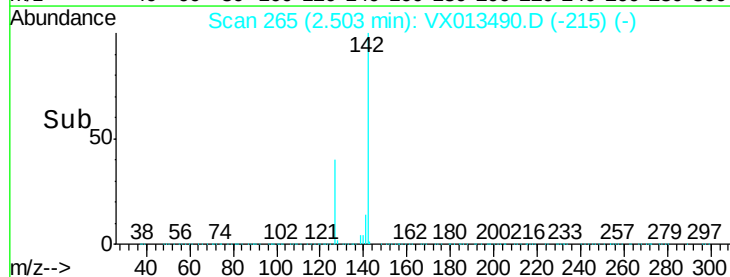
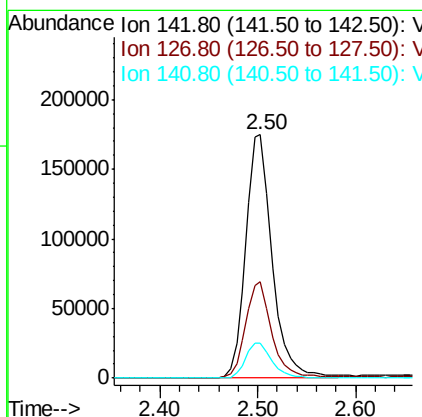
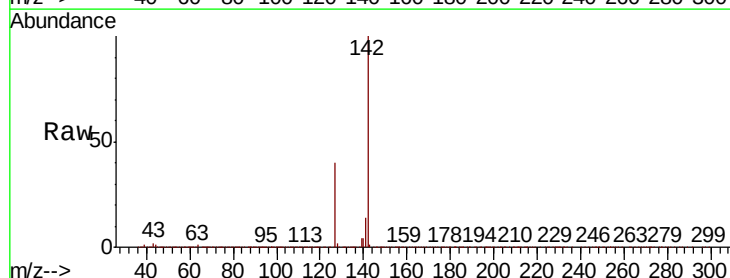
RT: 2.50 min Scan# 265

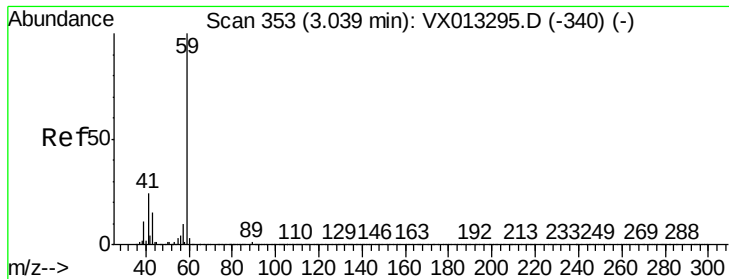
Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion:	142	Resp:	327579
Ion Ratio	Lower	Upper	
142	100		
127	38.8	32.6	49.0
141	14.4	11.6	17.4





#11

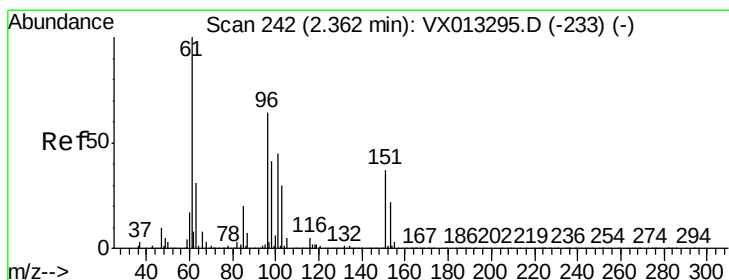
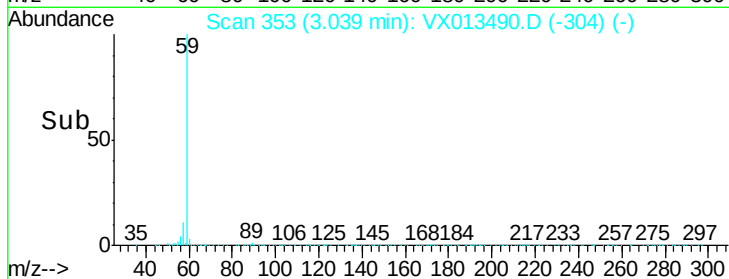
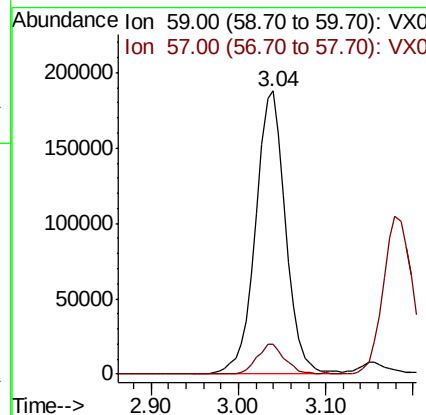
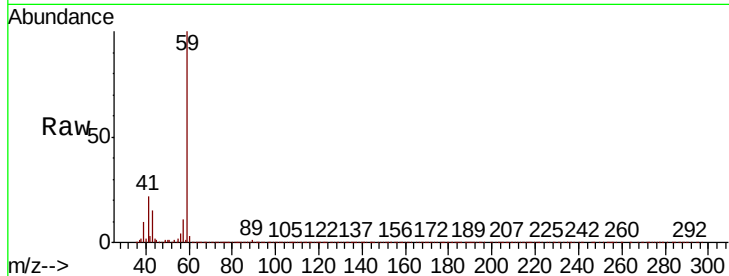
Tert butyl alcohol
Concen: 235.560 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

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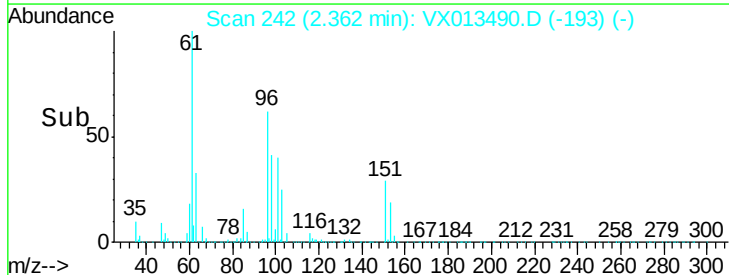
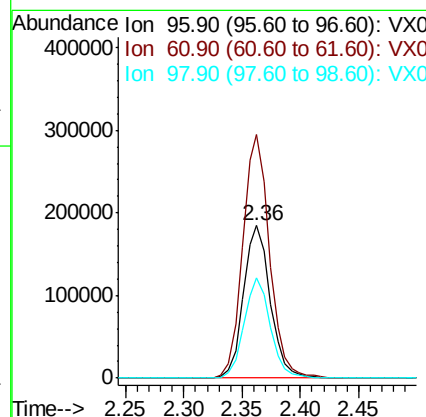
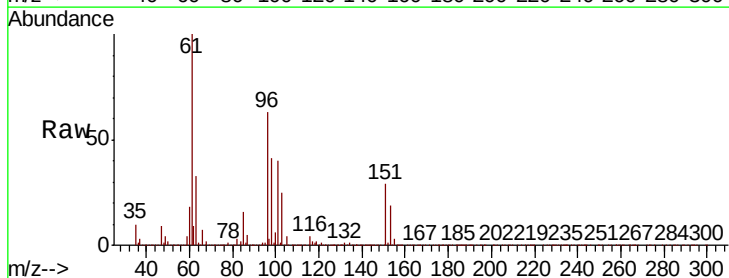
MMDadoda
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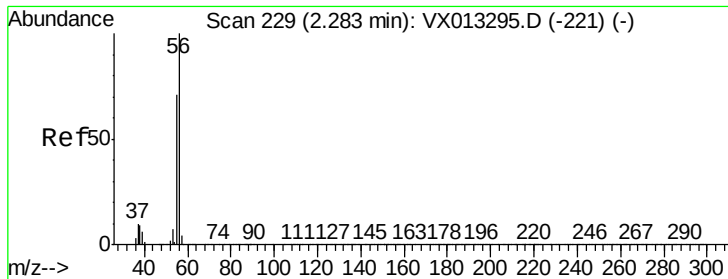


#12

1,1-Dichloroethene
Concen: 52.821 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.0	125.0	187.6
98	66.2	50.7	76.1





#13

Acrolein

Concen: 236.544 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 243242

Ion Ratio Lower Upper

56 100

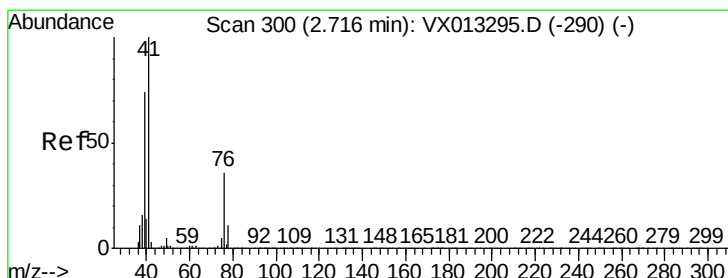
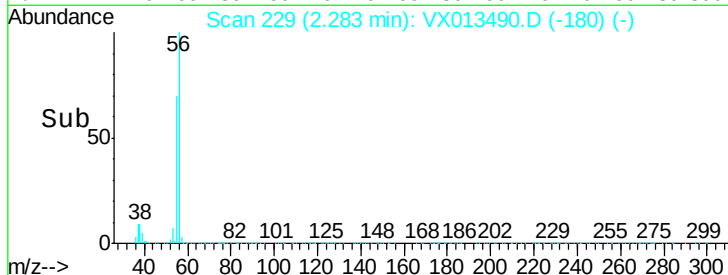
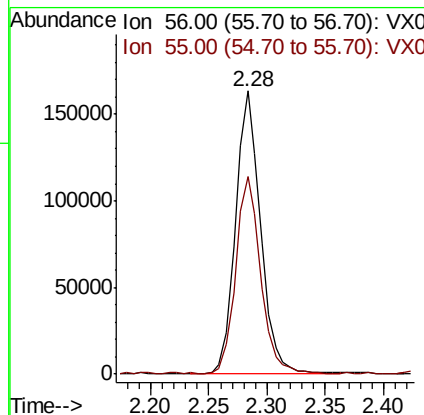
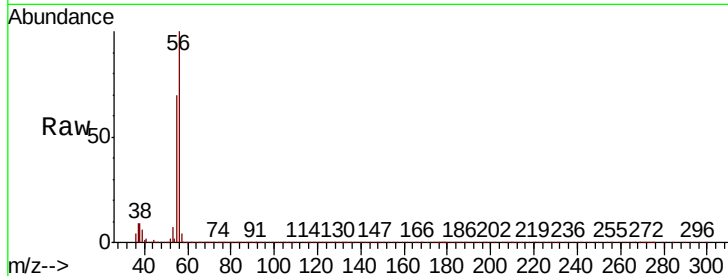
55 69.3 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 54.055 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

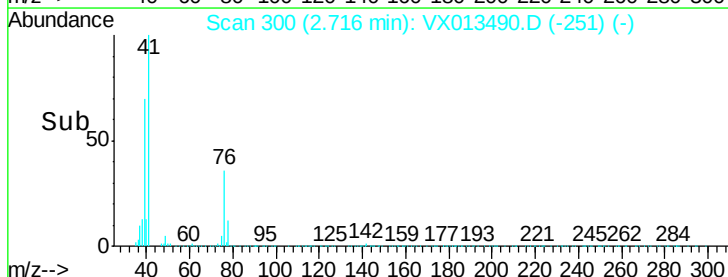
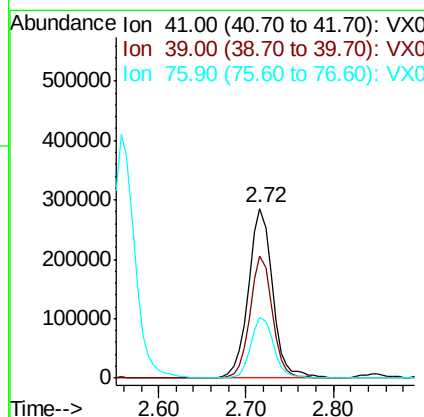
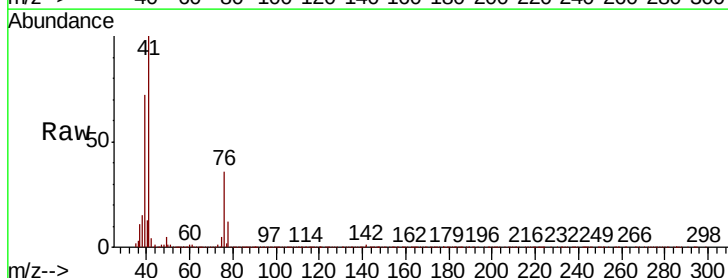
Tgt Ion: 41 Resp: 547434

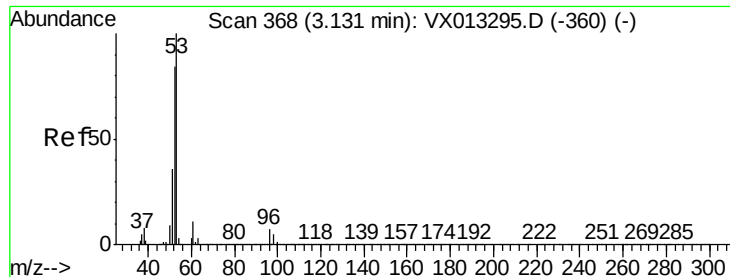
Ion Ratio Lower Upper

41 100

39 66.9 55.8 83.8

76 33.3 26.4 39.6





#15

Acrylonitrile

Concen: 281.613 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

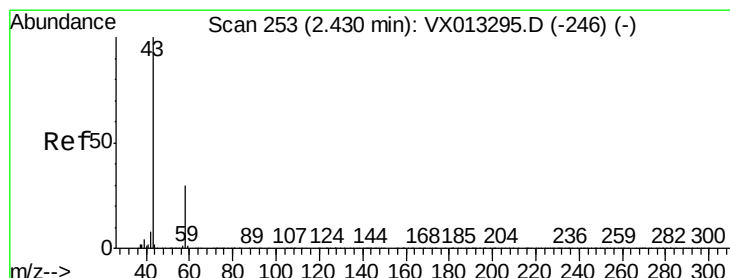
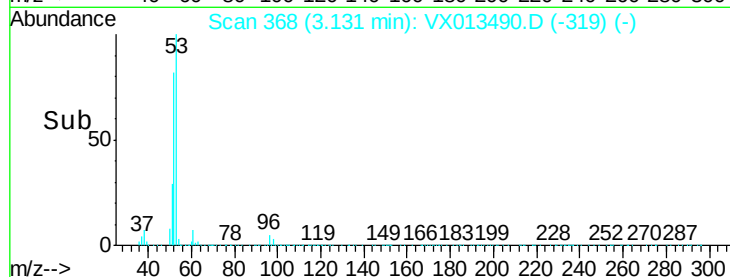
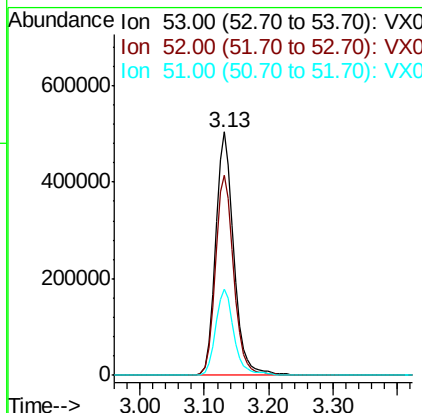
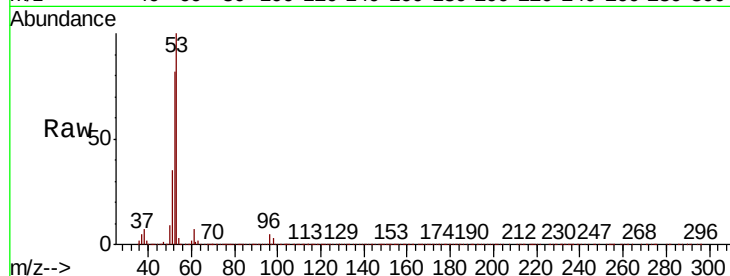
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	998090
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.0
51	35.9	29.4	44.2

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#16

Acetone

Concen: 308.062 ug/l

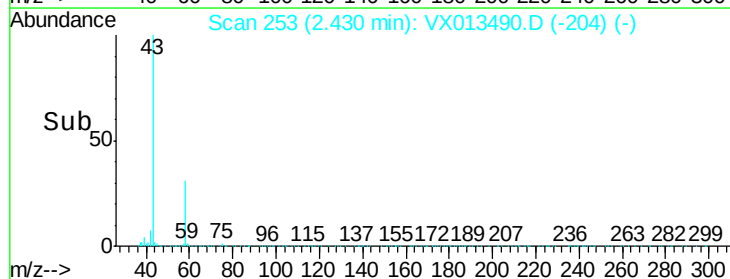
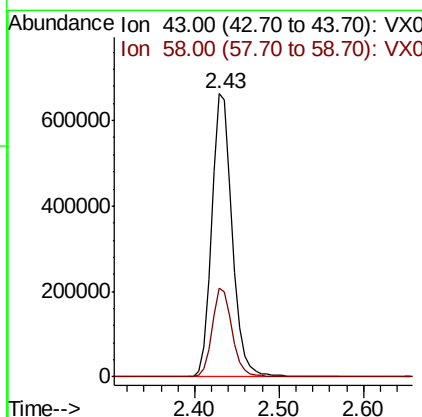
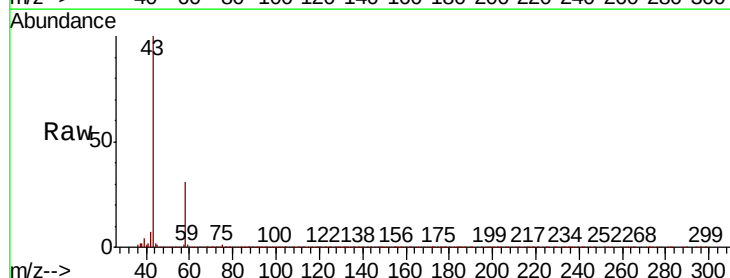
RT: 2.43 min Scan# 253

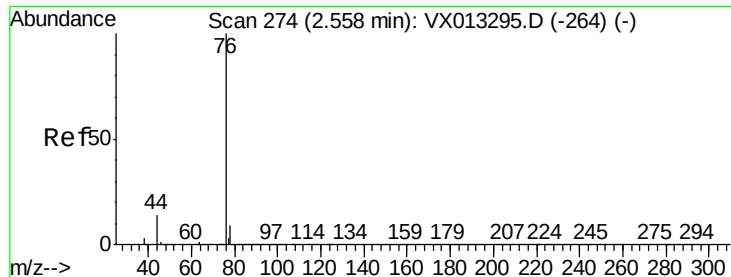
Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion:	43	Resp:	1106132
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.3	36.5





#17

Carbon Disulfide

Concen: 47.102 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 702685

Ion Ratio Lower Upper

76 100

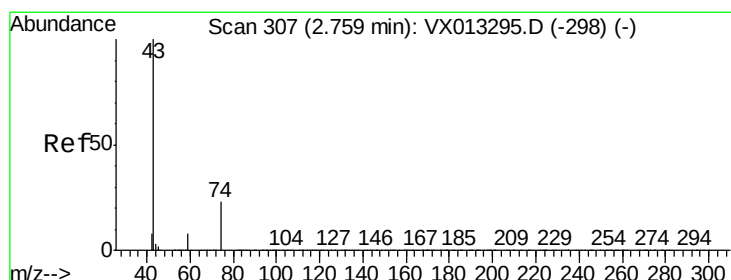
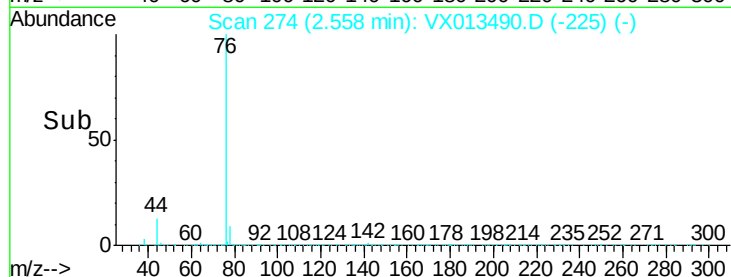
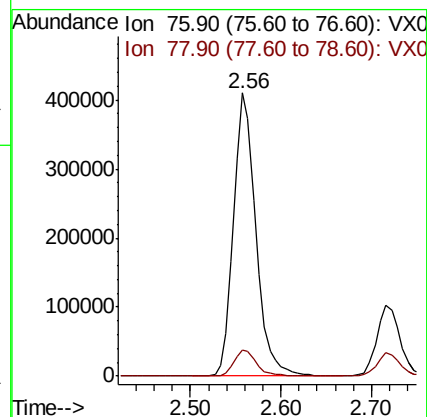
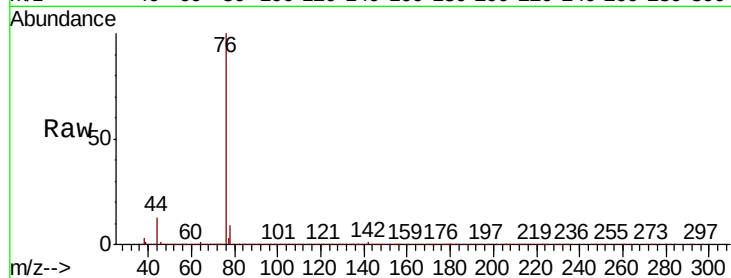
78 9.3 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 59.818 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013490.D

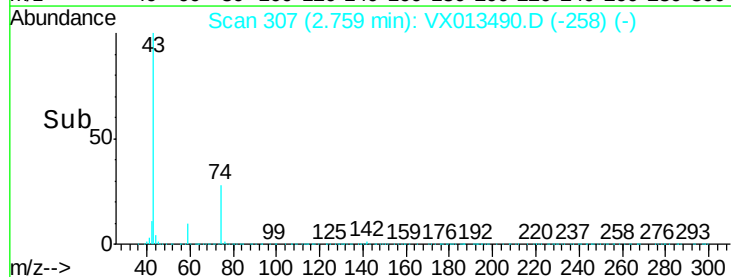
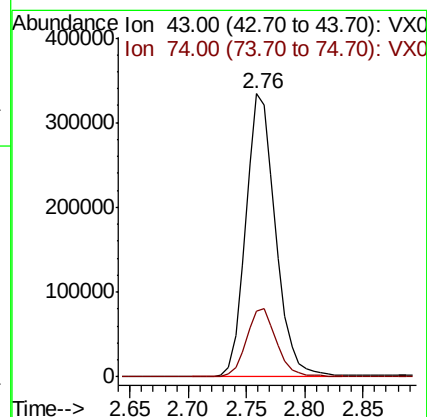
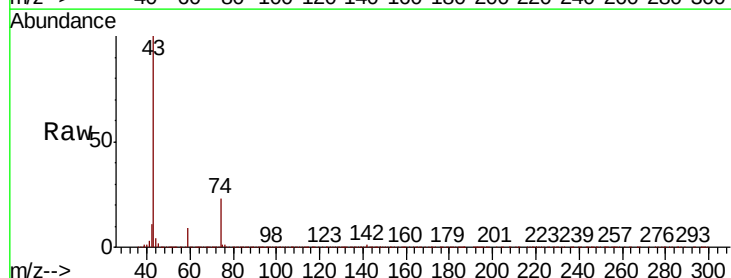
Acq: 20 Nov 2019 20:14

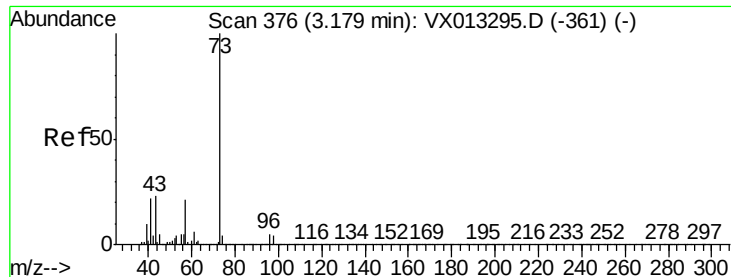
Tgt Ion: 43 Resp: 592967

Ion Ratio Lower Upper

43 100

74 24.6 19.0 28.6





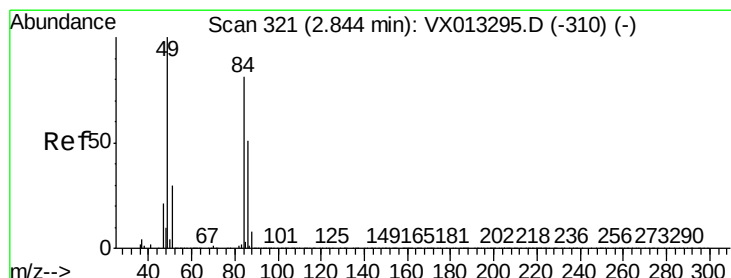
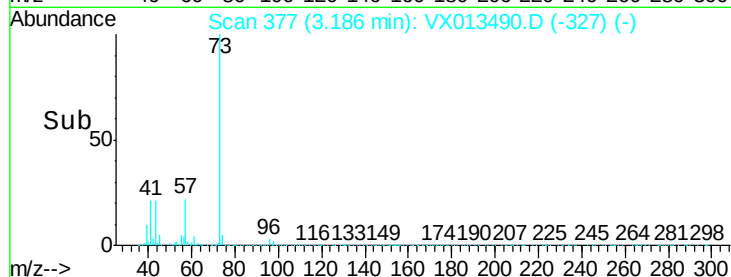
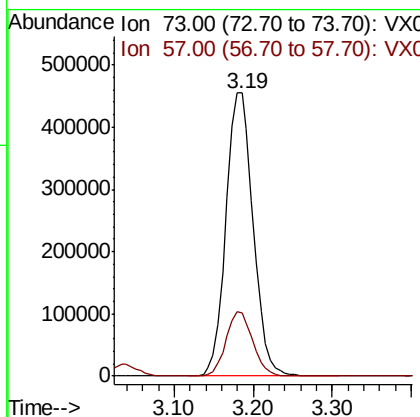
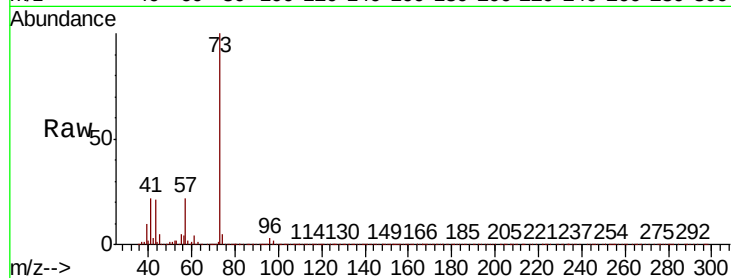
#19
Methyl tert-butyl Ether
Concen: 58.544 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1088337
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7

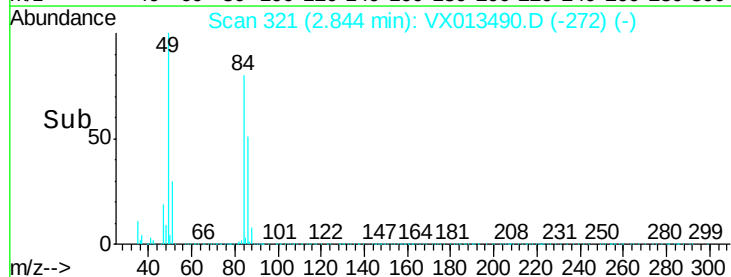
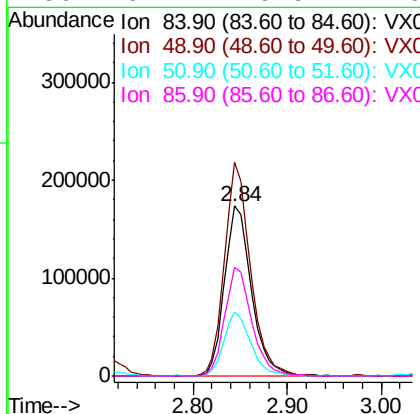
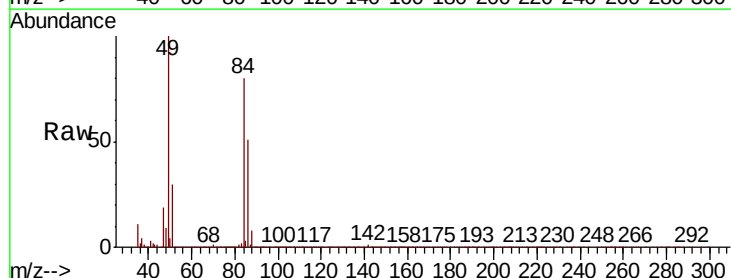
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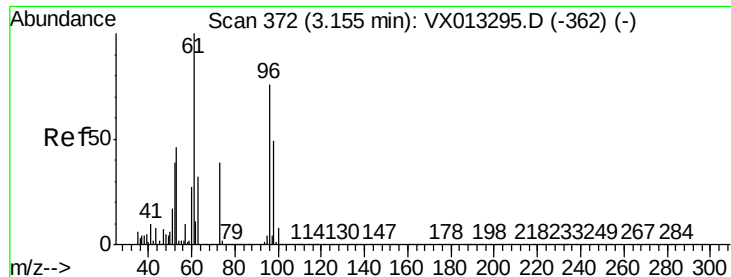
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#20
Methylene Chloride
Concen: 51.975 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 84 Resp: 344809
Ion Ratio Lower Upper
84 100
49 125.5 98.2 147.4
51 37.8 29.9 44.9
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 52.500 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

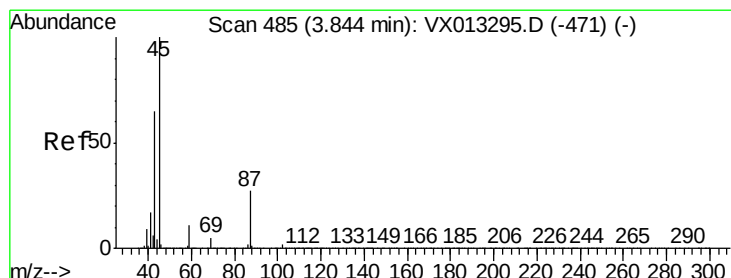
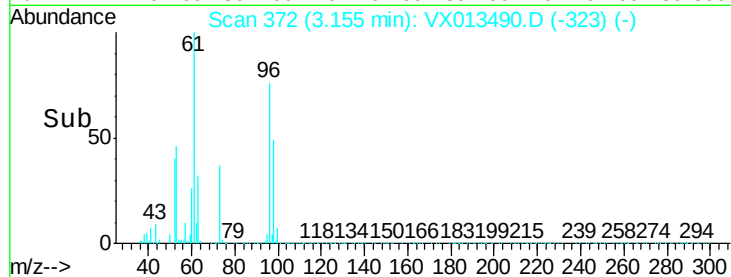
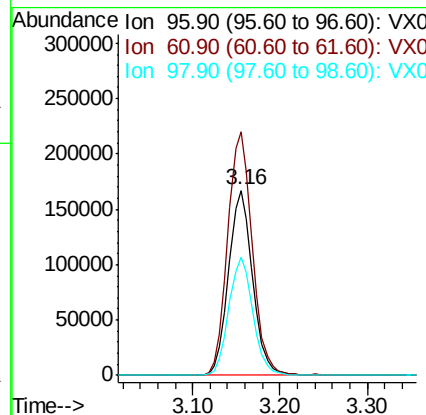
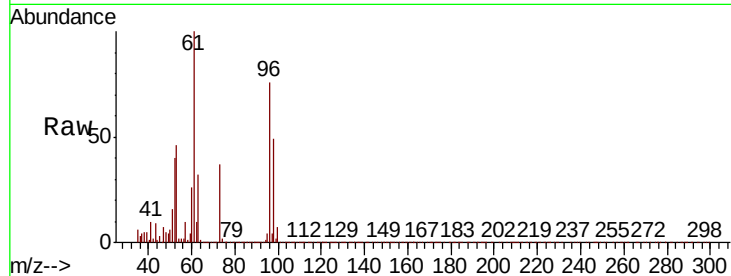
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	318610
Ion Ratio	Lower	Upper	
96	100		
61	131.5	105.8	158.6
98	64.0	51.8	77.6

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#22

Diisopropyl ether

Concen: 57.070 ug/l

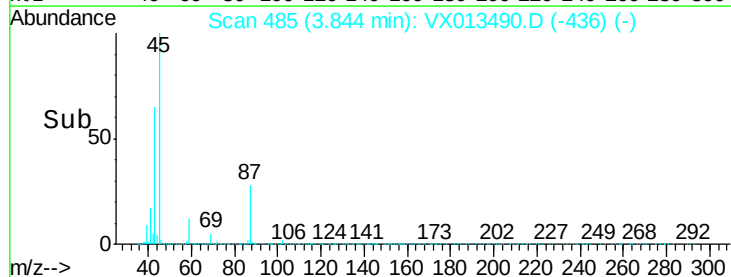
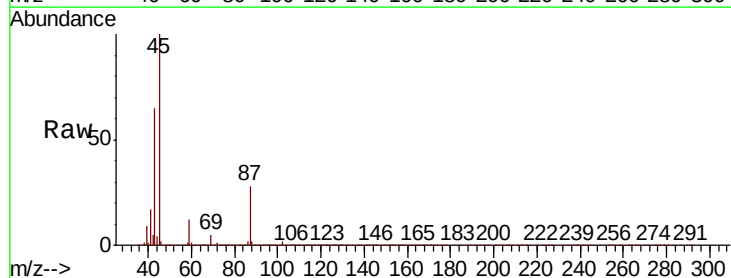
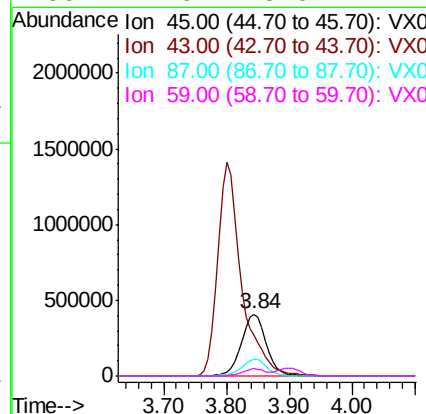
RT: 3.84 min Scan# 485

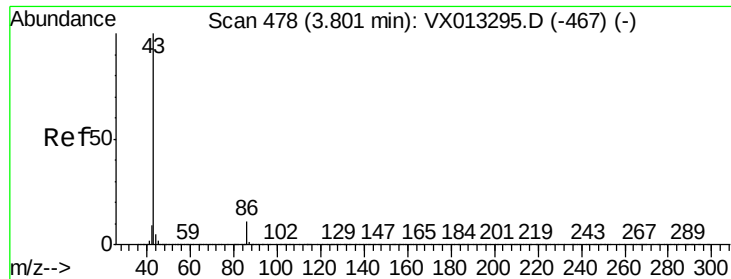
Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion:	45	Resp:	1115820
Ion Ratio	Lower	Upper	
45	100		
43	65.1	54.2	81.2
87	27.8	21.8	32.8
59	11.6	8.5	12.7





#23

Vinyl Acetate

Concen: 222.204 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3717581

Ion Ratio Lower Upper

43 100

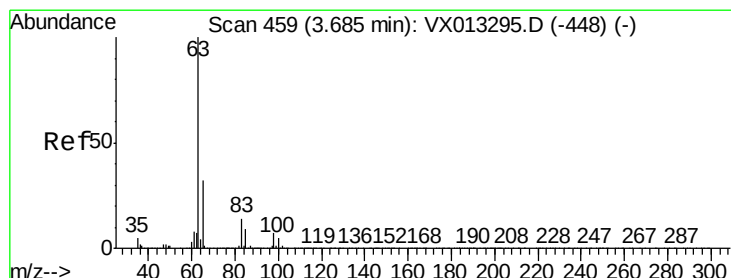
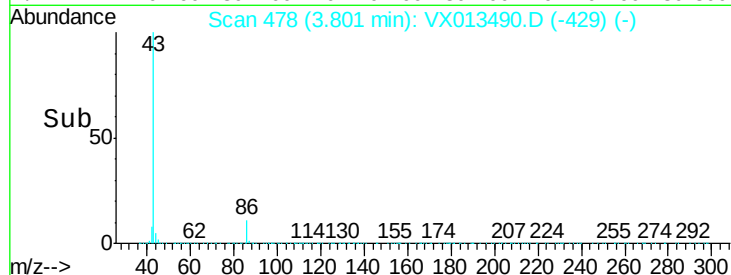
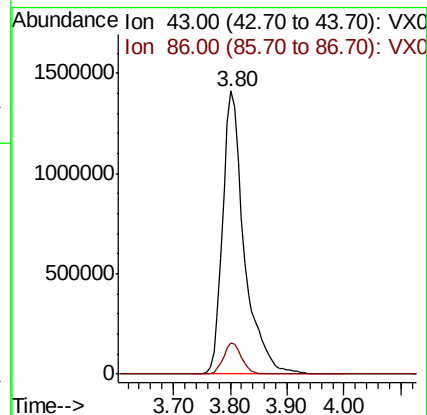
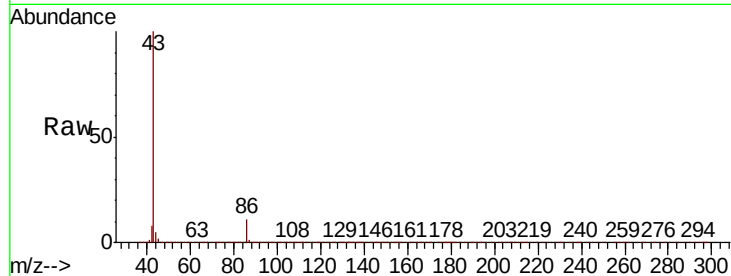
86 10.8 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 55.608 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

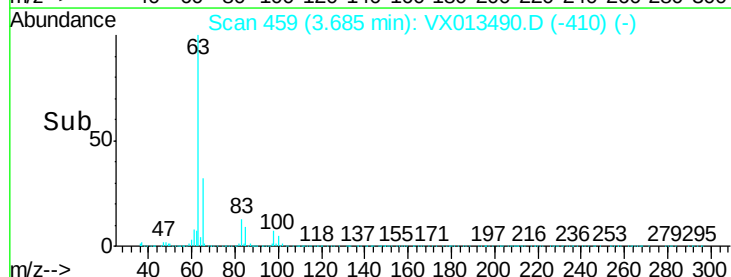
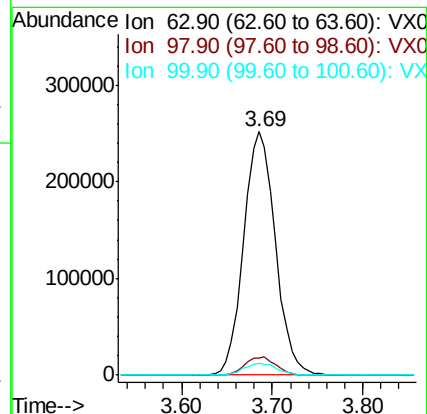
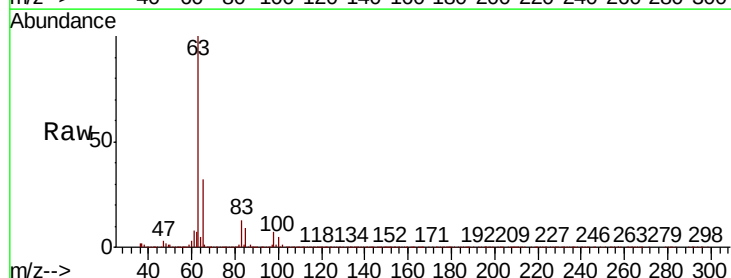
Tgt Ion: 63 Resp: 608207

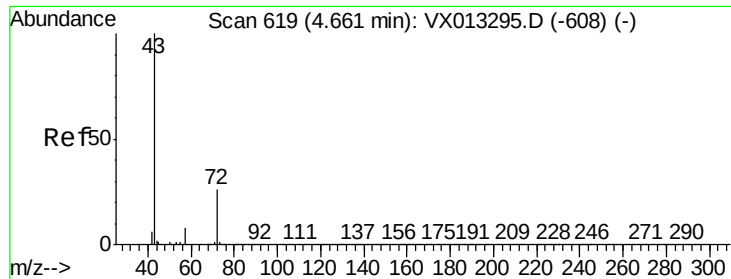
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 288.257 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tot Ion: 43 Resp: 1518387

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

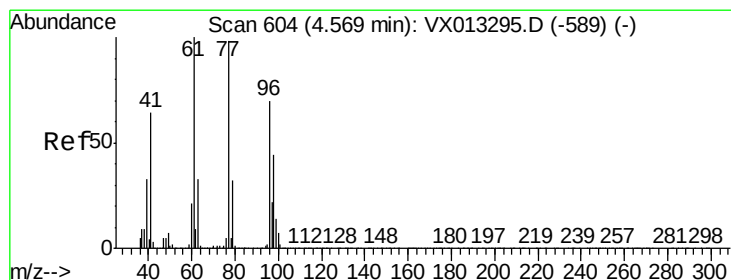
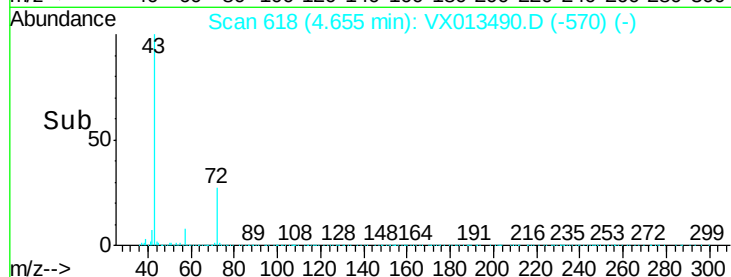
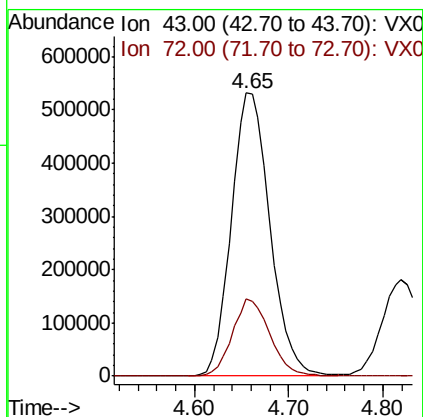
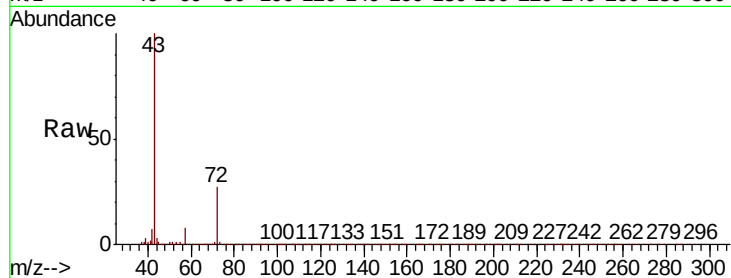
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.112 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013490.D

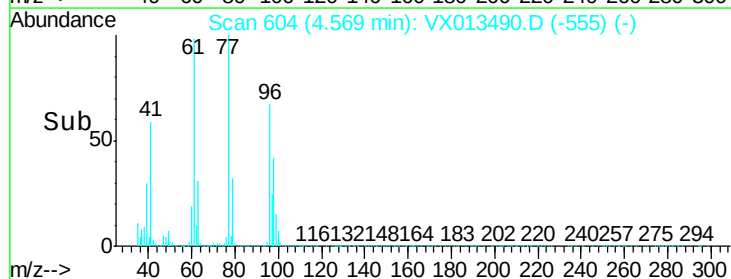
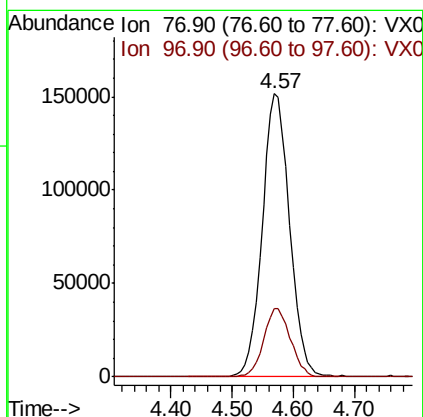
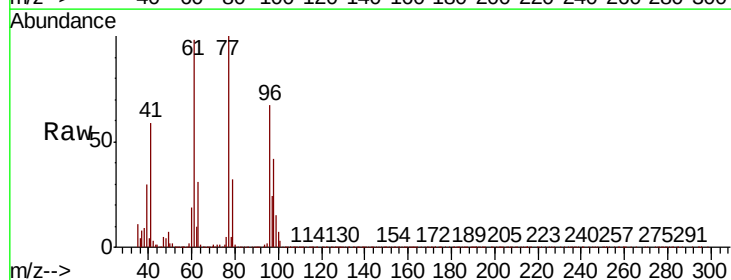
Acq: 20 Nov 2019 20:14

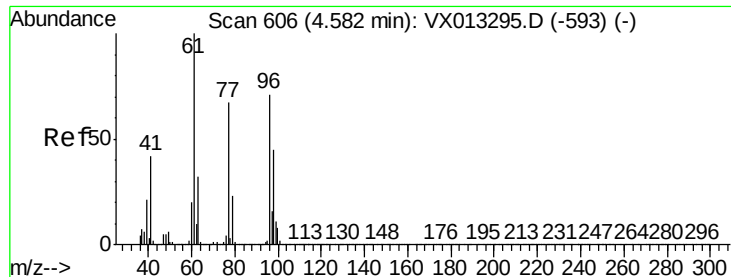
Tgt Ion: 77 Resp: 470827

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.8





#27

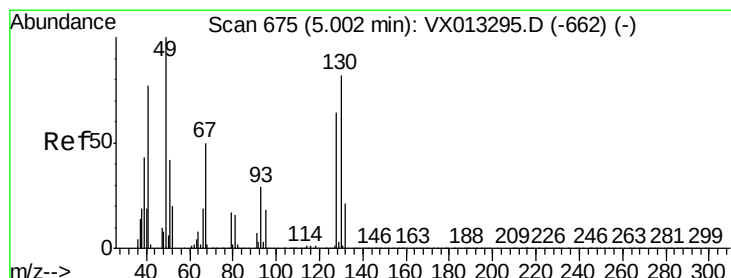
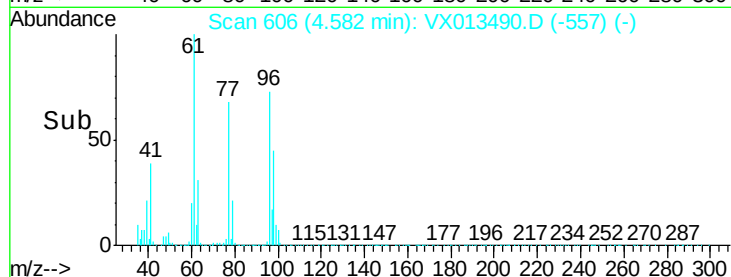
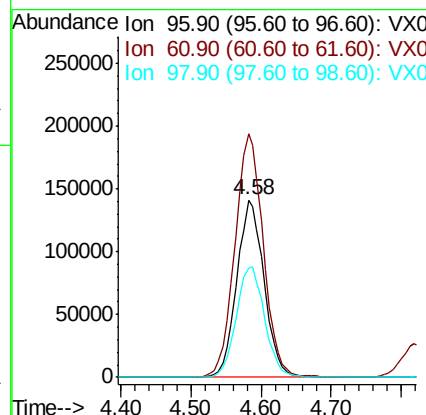
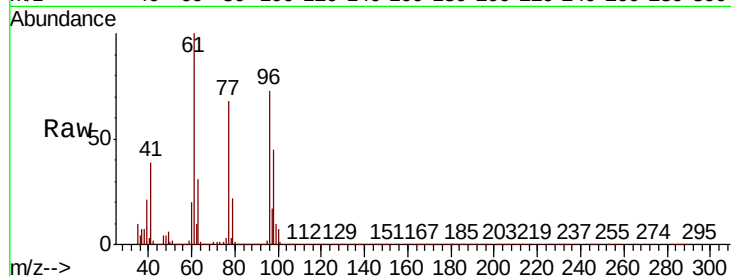
cis-1,2-Dichloroethene
Concen: 56.254 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	382435		
61	141.9	0.0	288.0	
98	64.9	0.0	129.6	

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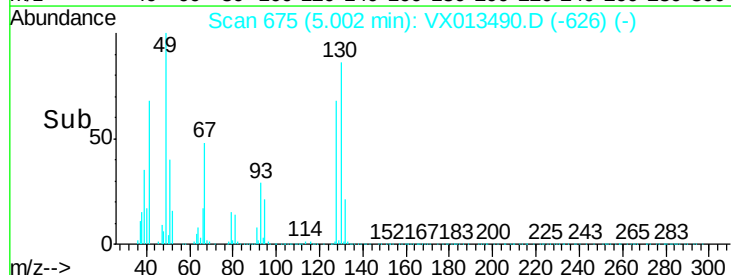
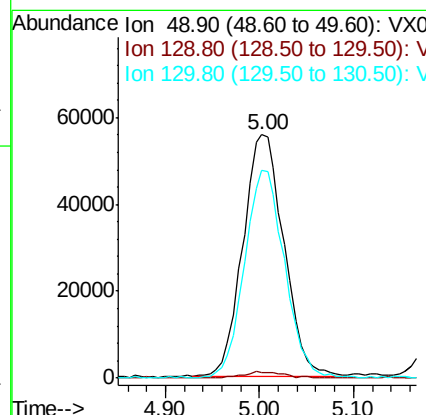
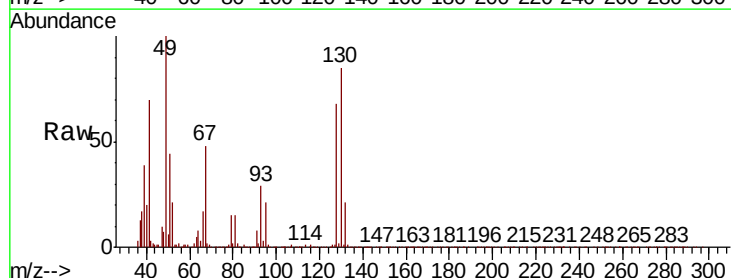
MMDadoda
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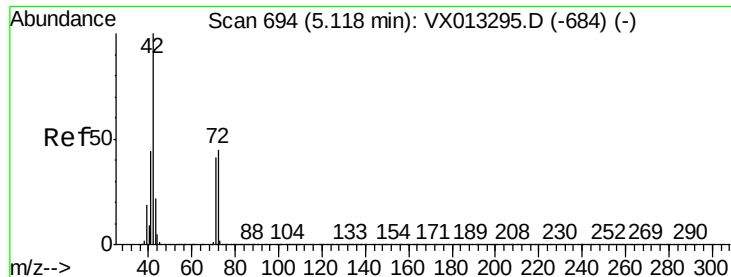


#28

Bromochloromethane
Concen: 54.659 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	169743		
129	2.6	0.0	5.2	
130	83.8	63.8	95.6	





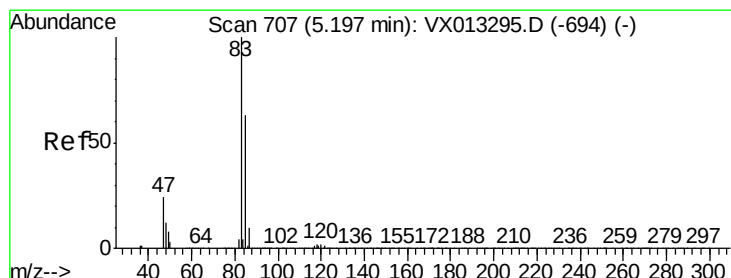
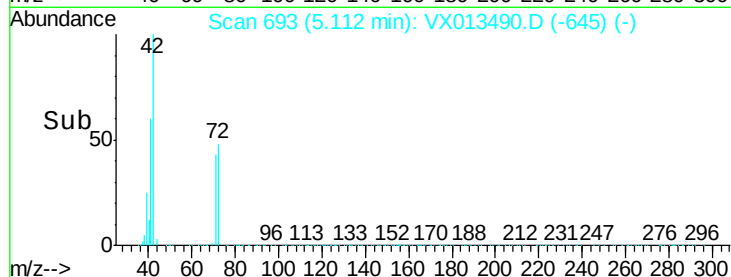
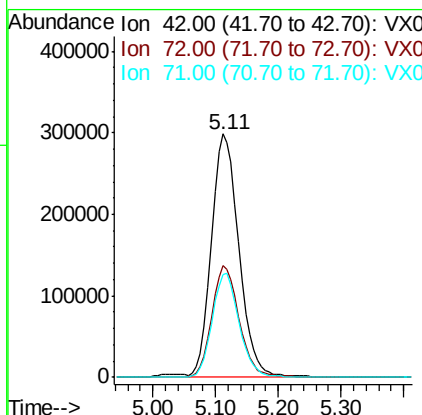
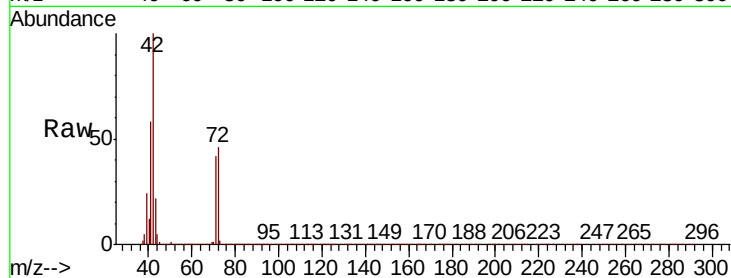
#29
Tetrahydrofuran
Concen: 277.913 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.8	53.8
71	41.8	33.4	50.0

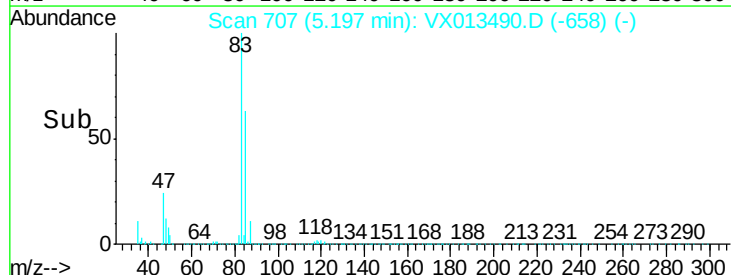
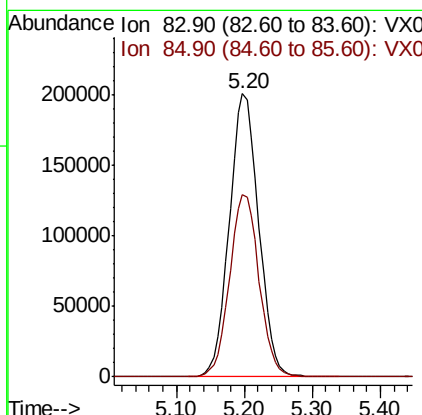
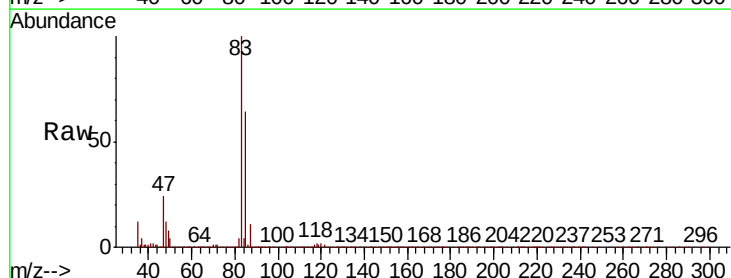
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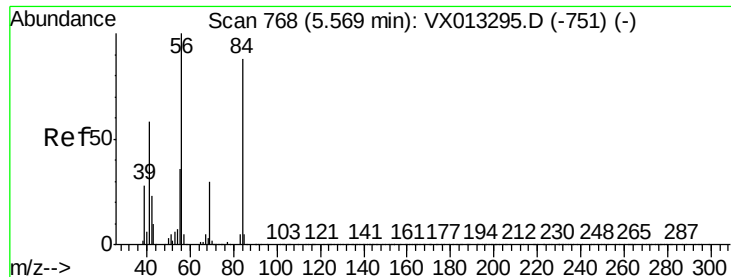
MMDadoda
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#30
Chloroform
Concen: 55.532 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4





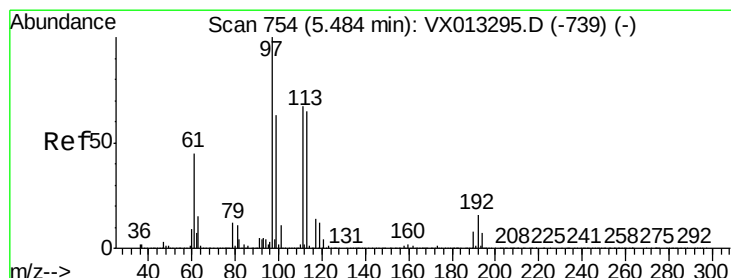
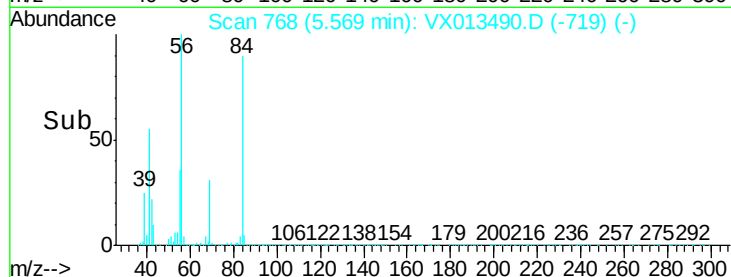
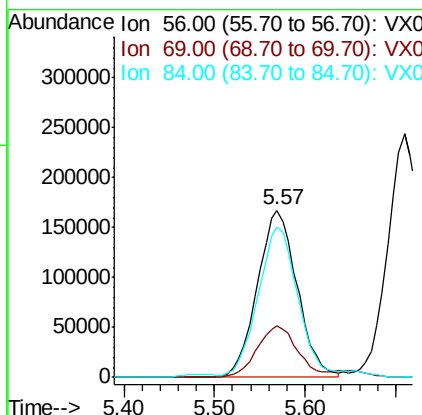
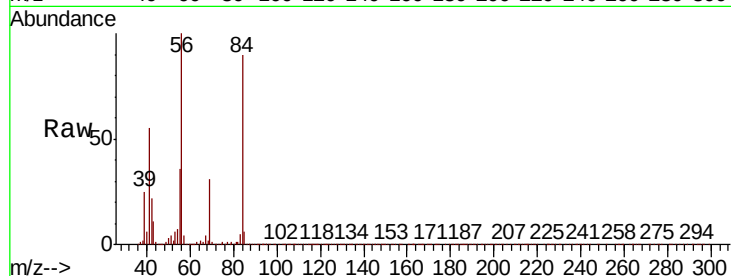
#31
Cyclohexane
Concen: 51.211 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.7	35.5
84	89.0	70.6	105.8

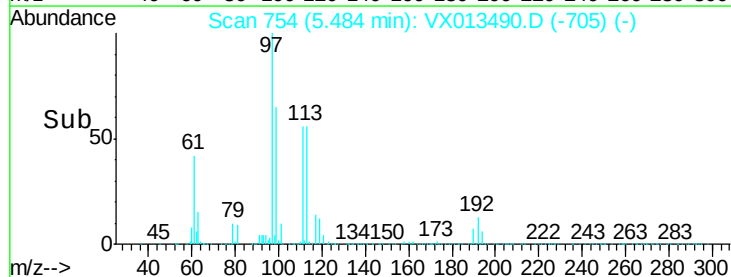
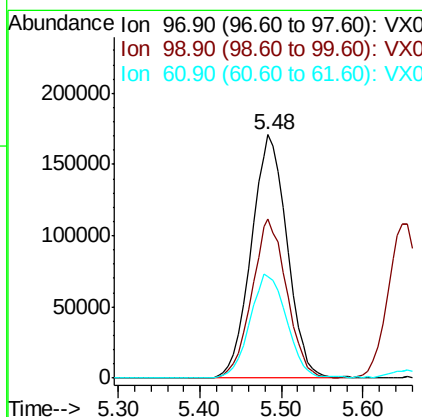
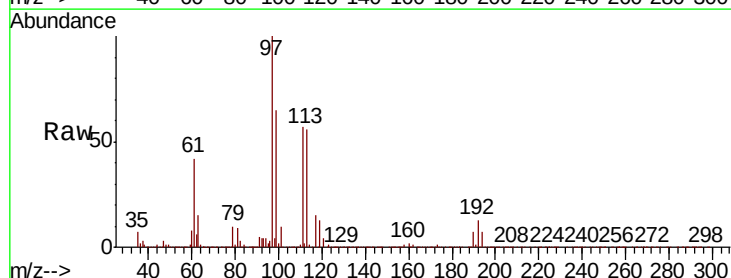
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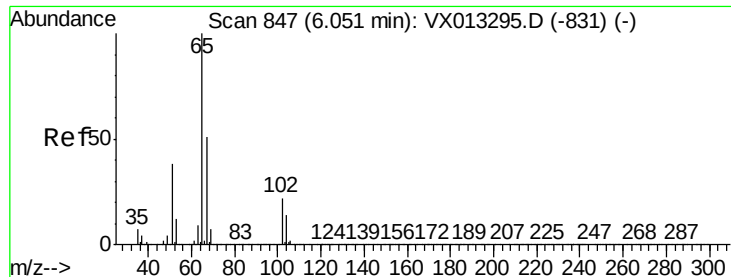
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 55.860 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.1	76.7
61	43.7	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 47.213 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 339870

Ion Ratio Lower Upper

65 100

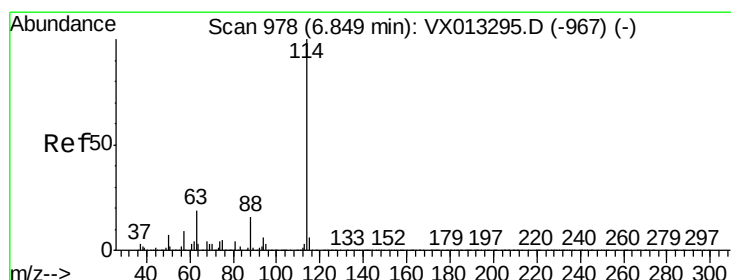
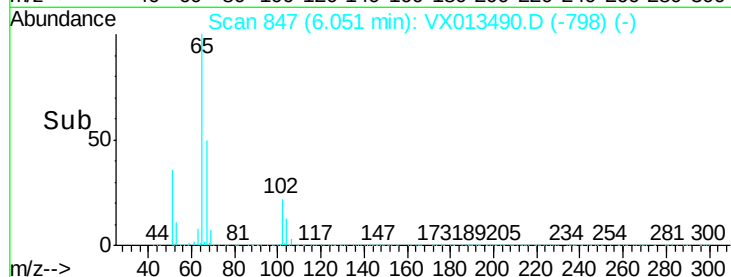
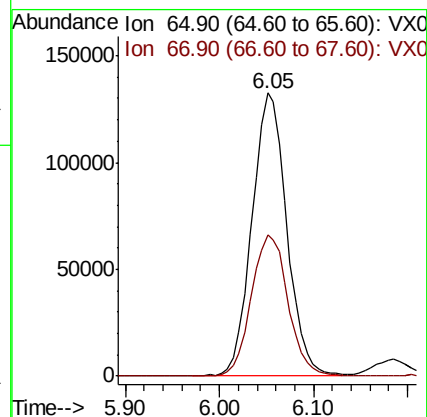
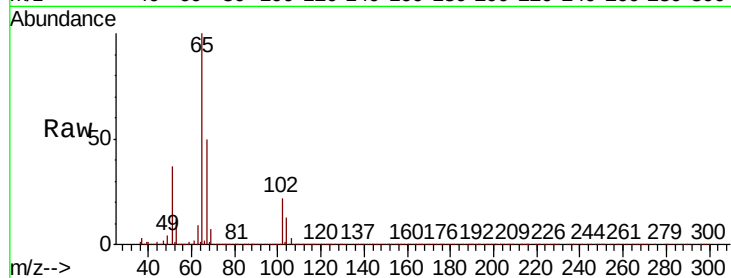
67 52.2 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

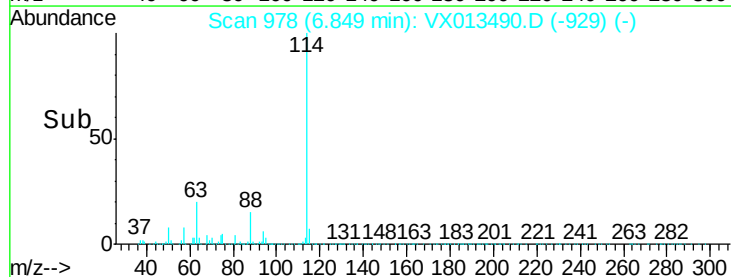
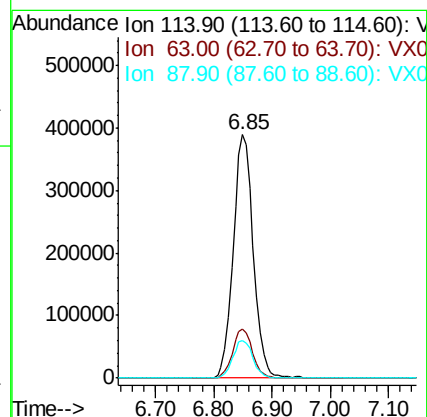
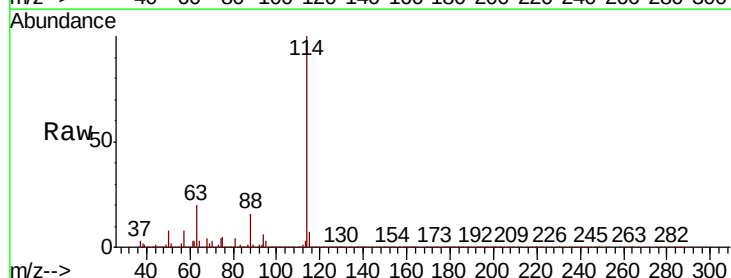
Tgt Ion: 114 Resp: 932069

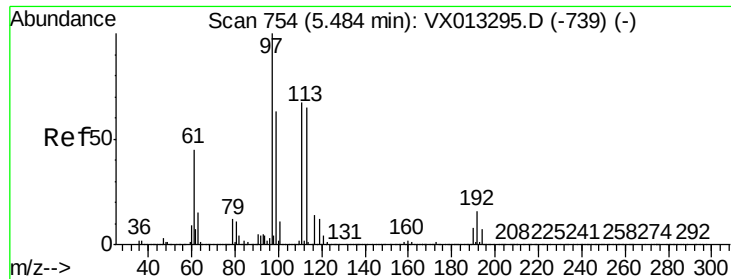
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

88 15.4 0.0 32.2





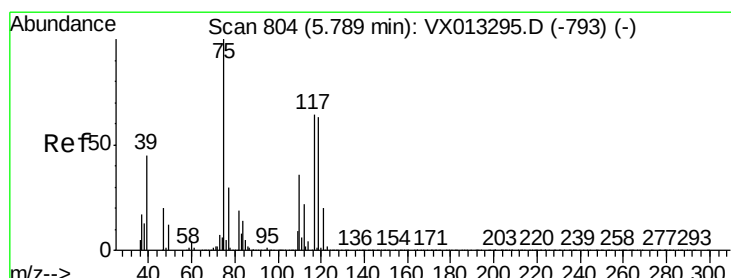
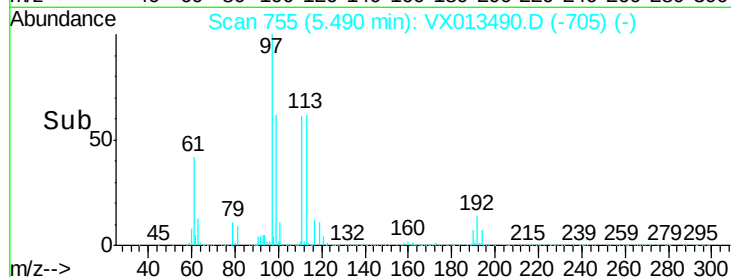
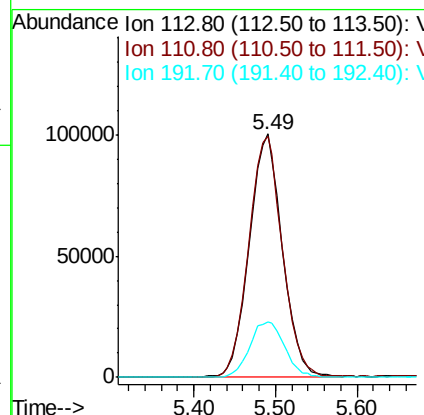
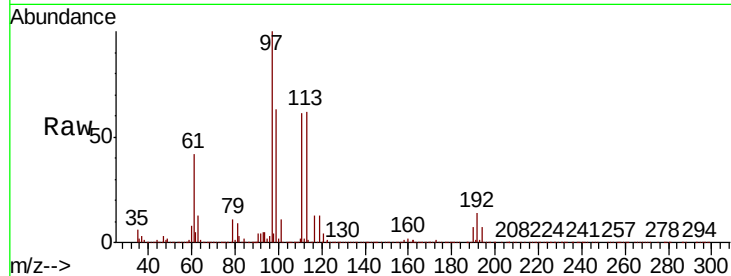
#35
 Dibromofluoromethane
 Concen: 48.435 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	101.5	81.9	122.9
192	24.2	19.1	28.7

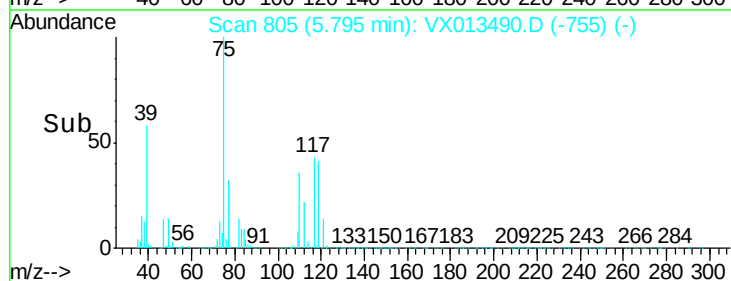
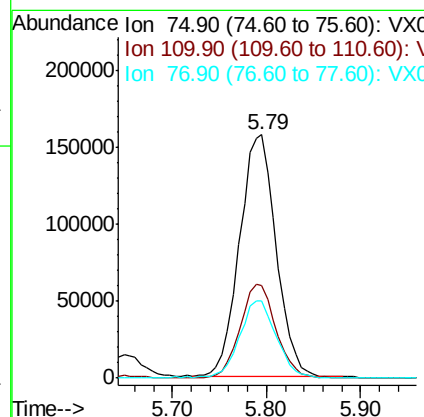
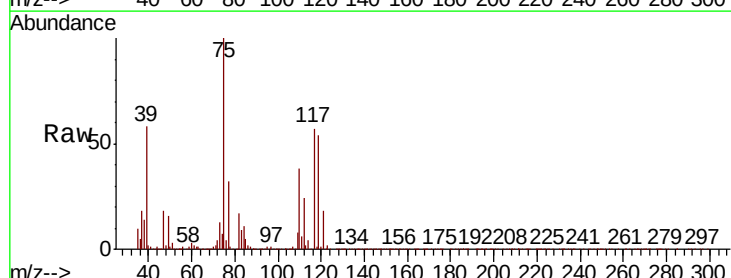
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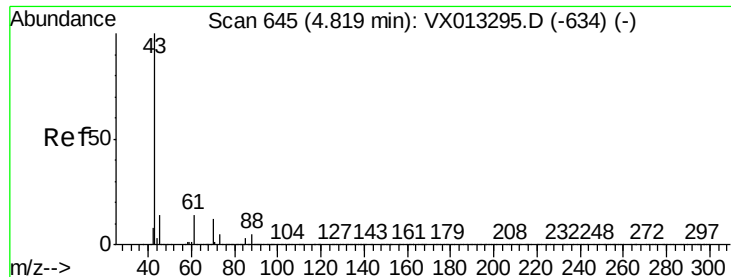
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#36
 1,1-Dichloropropene
 Concen: 53.609 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
110	38.0	18.1	54.1
77	31.6	25.0	37.4





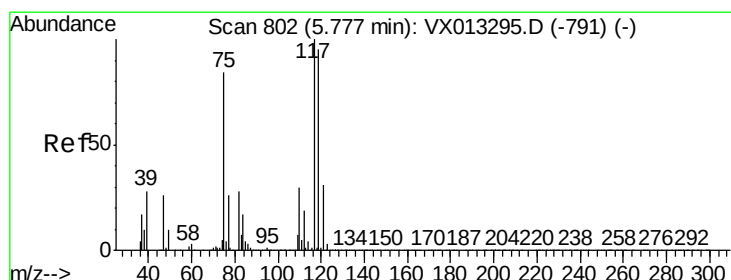
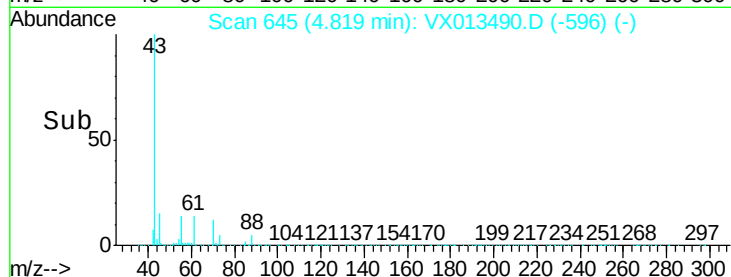
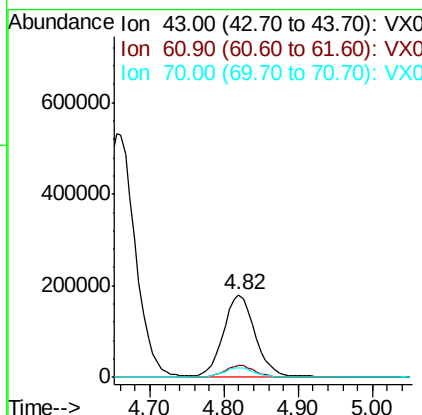
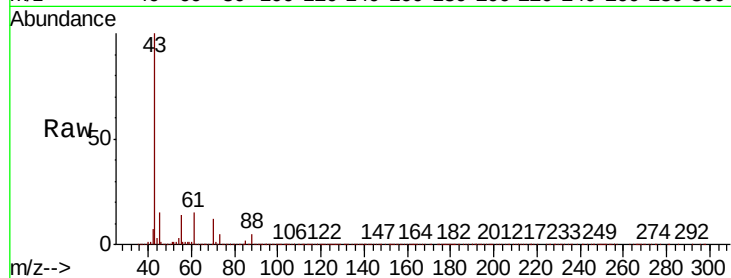
#37
Ethyl Acetate
Concen: 54.395 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	537448
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.9	8.7	13.1

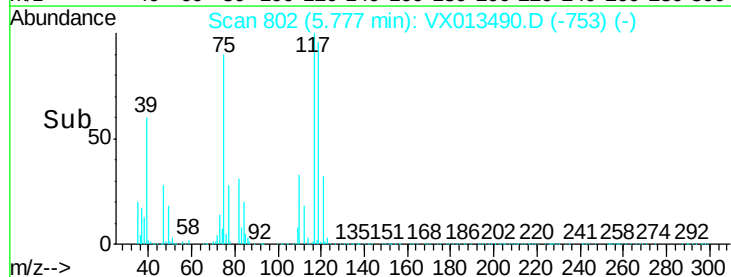
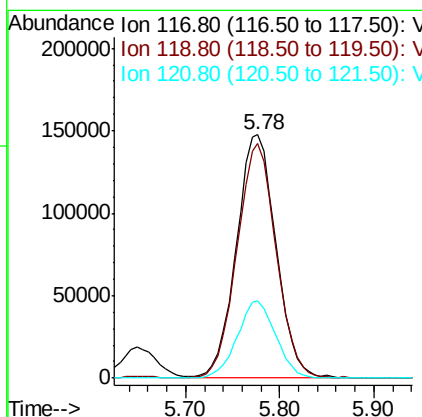
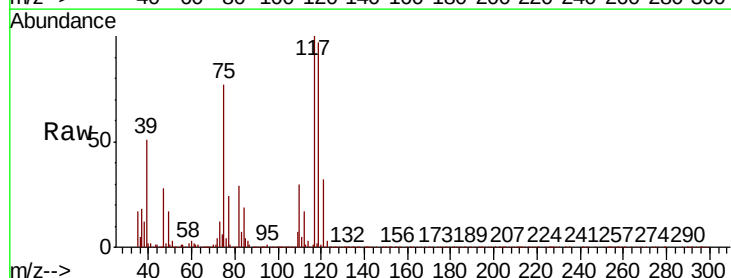
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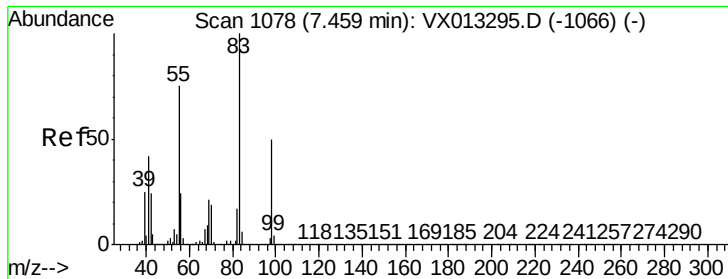
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#38
Carbon Tetrachloride
Concen: 55.181 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	117	Resp	431465
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.1	114.1
121	31.8	24.6	37.0





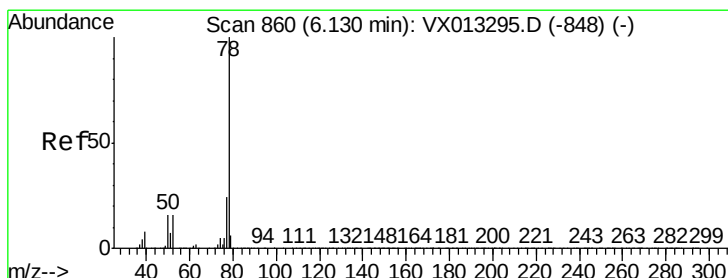
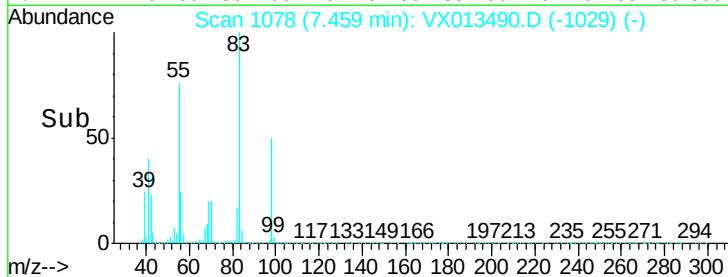
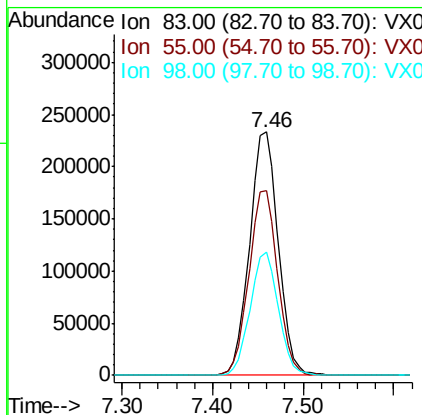
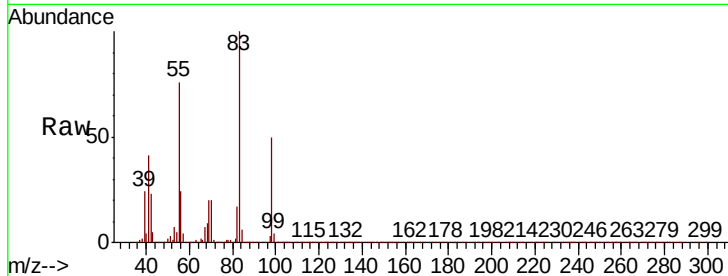
#39
Methylvlcyclohexane
Concen: 51.361 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.3	90.5
98	50.3	40.3	60.5

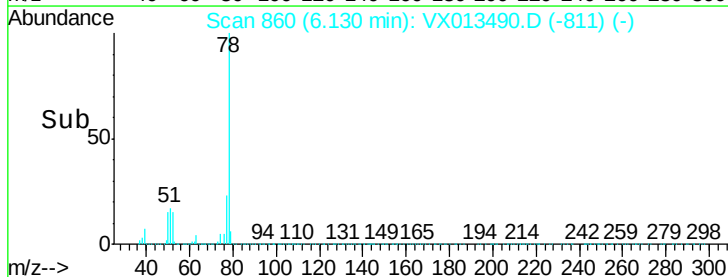
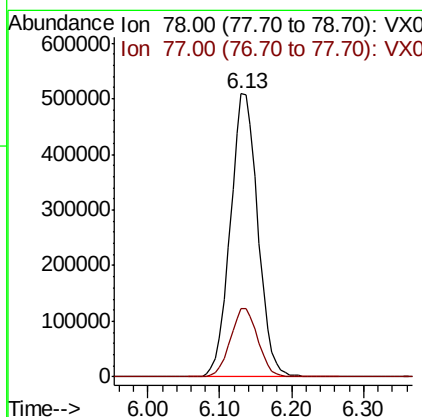
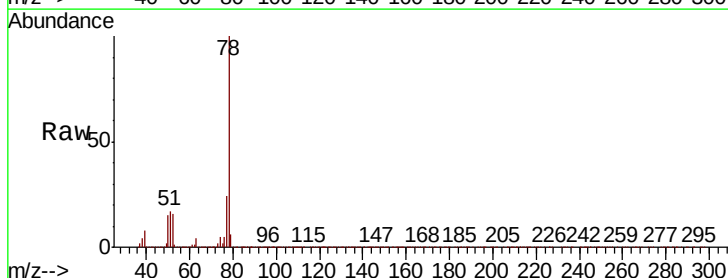
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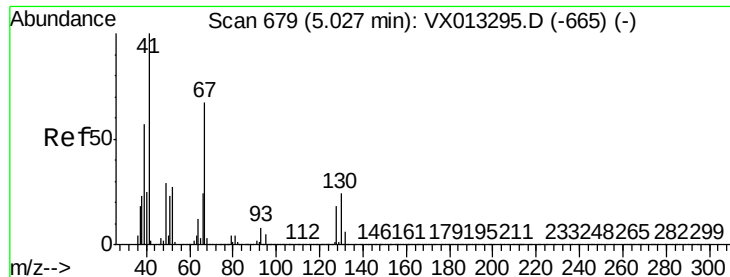
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#40
Benzene
Concen: 54.060 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41

Methacrylonitrile

Concen: 54.377 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

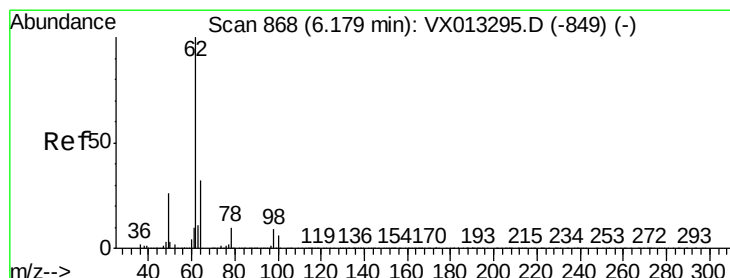
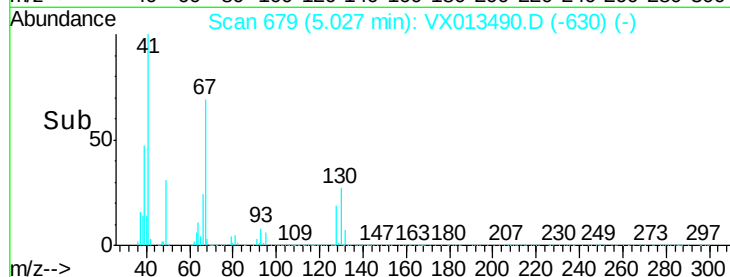
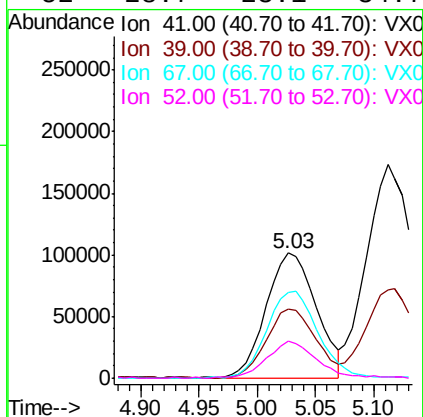
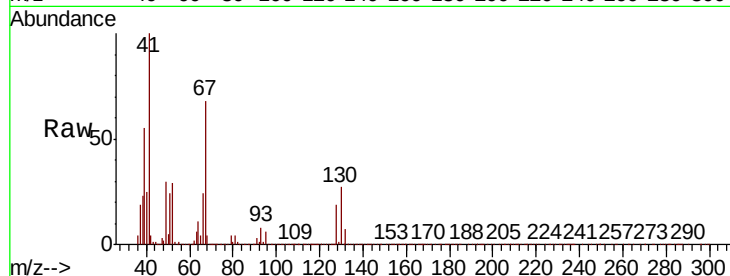
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
301140	41	100		
	39	54.2	45.0	67.6
	67	71.3	55.4	83.2
	52	28.7	23.1	34.7

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#42

1,2-Dichloroethane

Concen: 53.810 ug/l

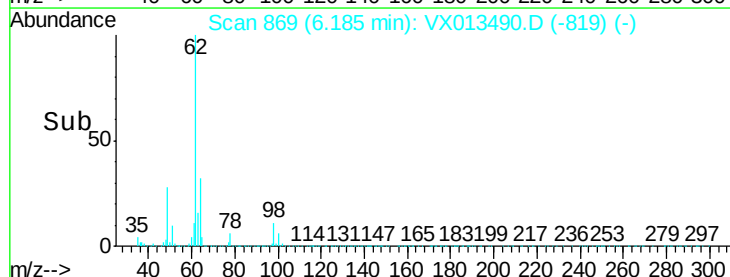
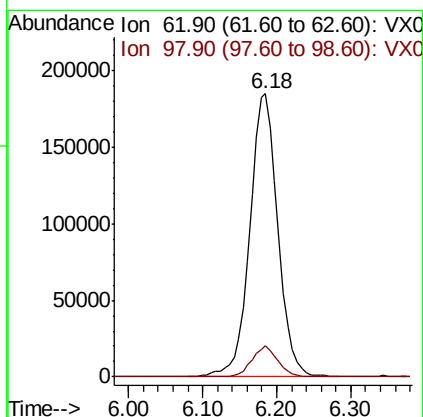
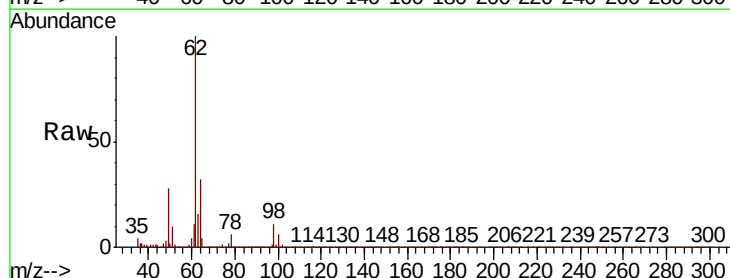
RT: 6.18 min Scan# 869

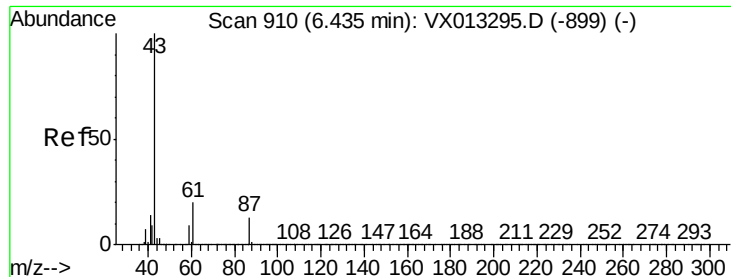
Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion	Ion	Ratio	Lower	Upper
483437	62	100		
	98	10.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 57.169 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

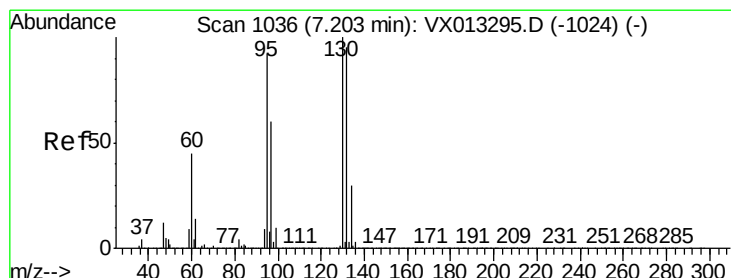
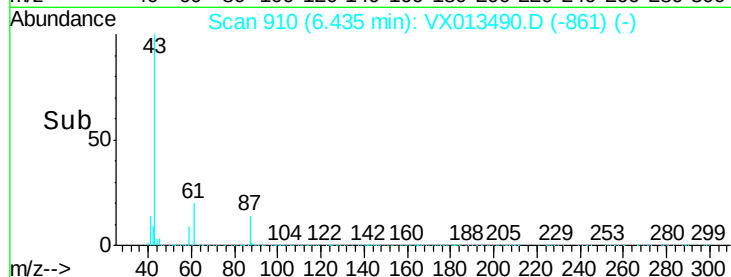
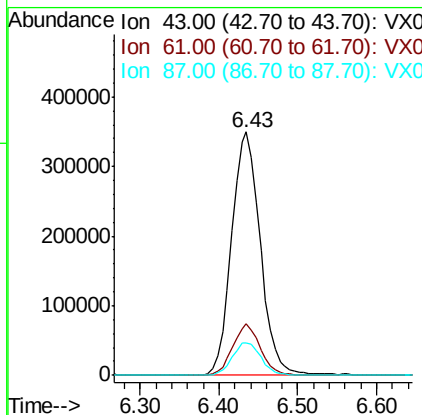
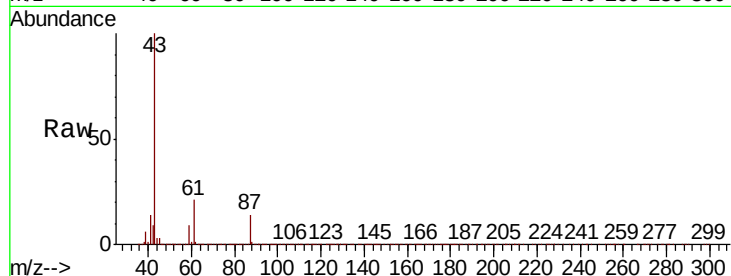
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	879577
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.8	23.8
87	13.5	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 56.140 ug/l

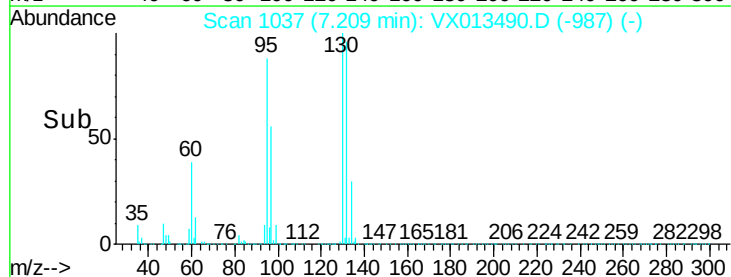
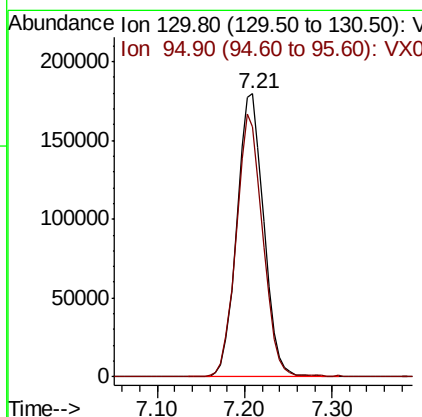
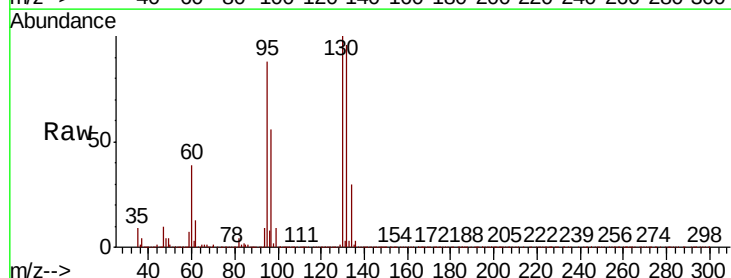
RT: 7.21 min Scan# 1037

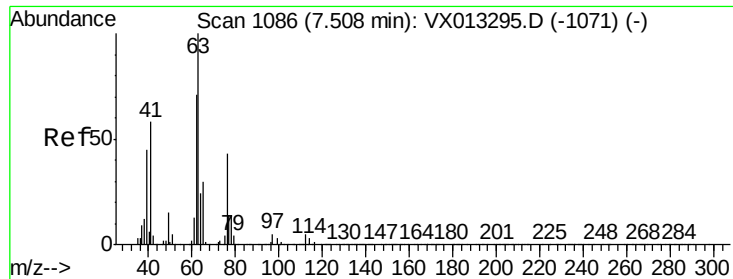
Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion:	130	Resp:	384904
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	184.8





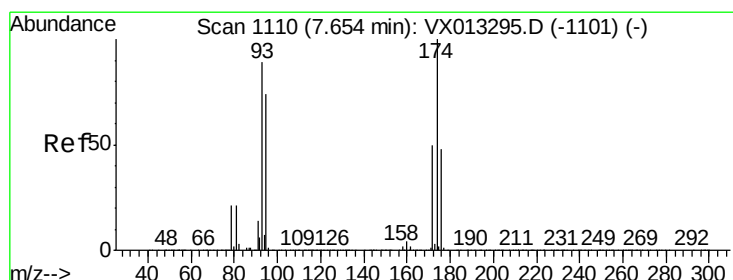
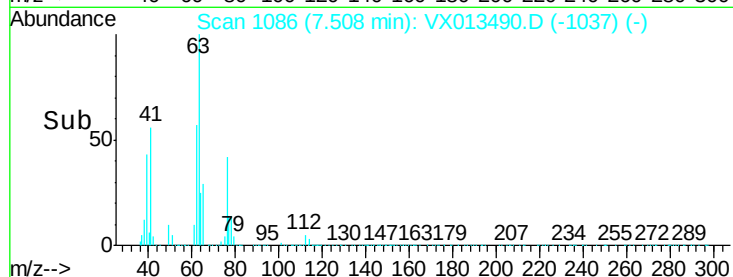
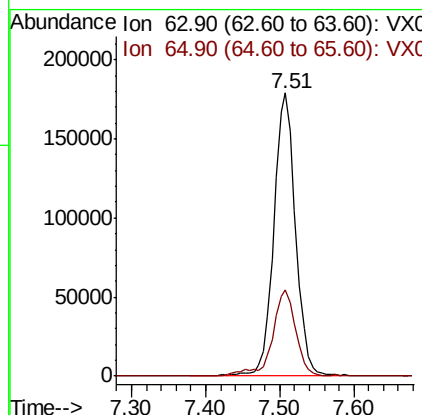
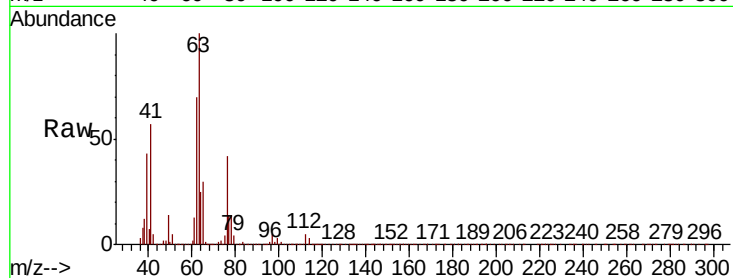
#45
 1,2-Dichloropropane
 Concen: 56.810 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.3	36.5

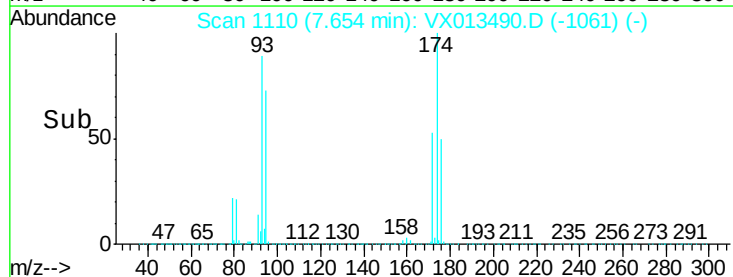
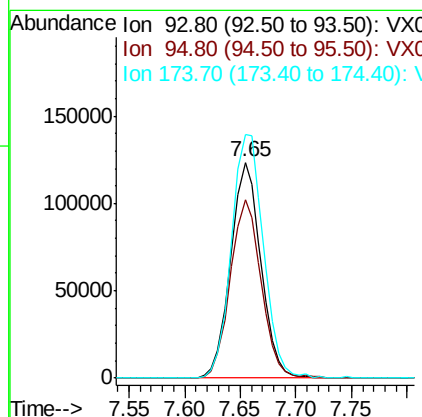
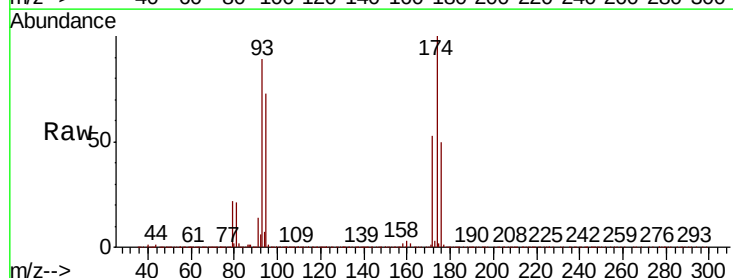
Manual Integrations
 APPROVED

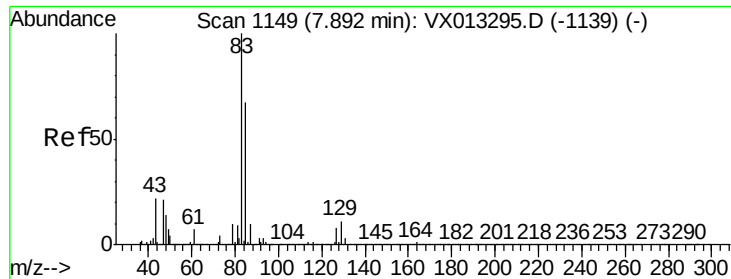
MMDadoda
 11/21/2019 9:54:38 AM



#46
 Dibromomethane
 Concen: 53.544 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.8	98.6
174	119.6	90.4	135.6





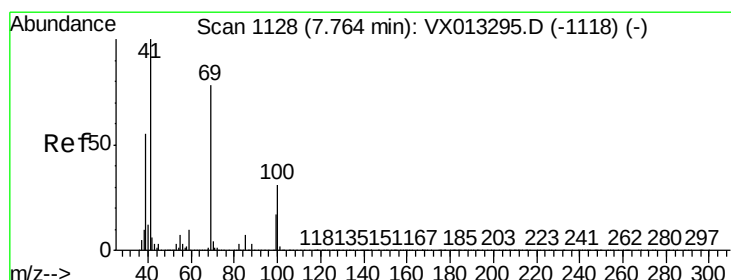
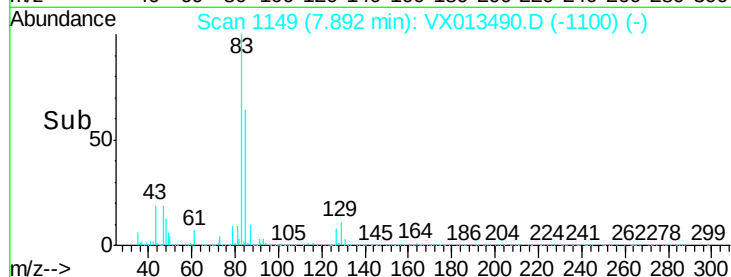
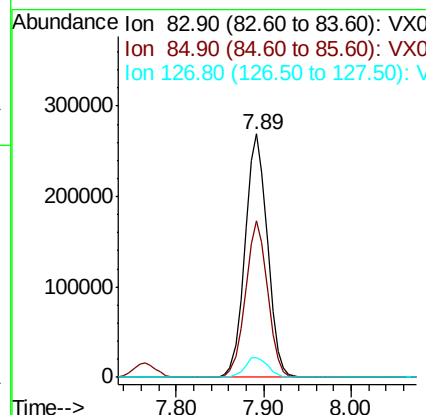
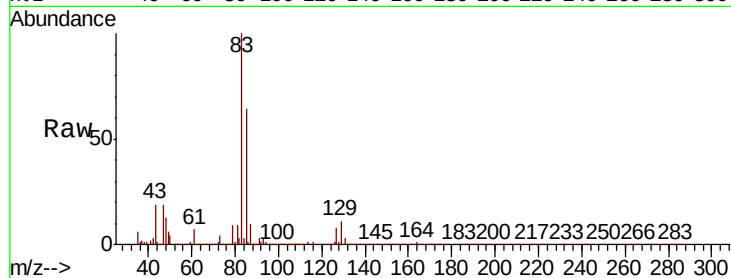
#47
Bromodichloromethane
Concen: 58.601 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	478820
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	53.7	80.5
127	8.1	6.4	9.6

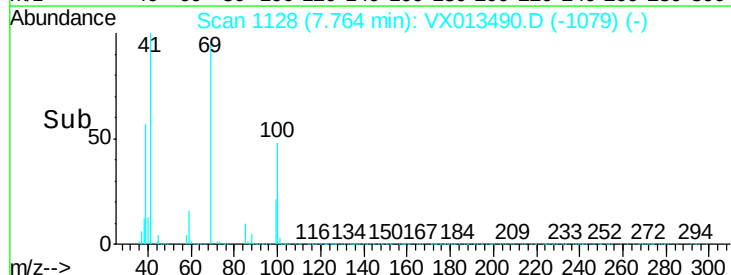
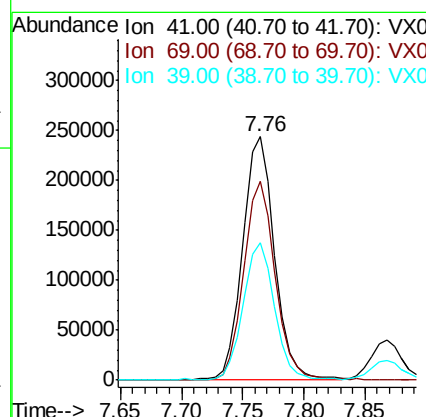
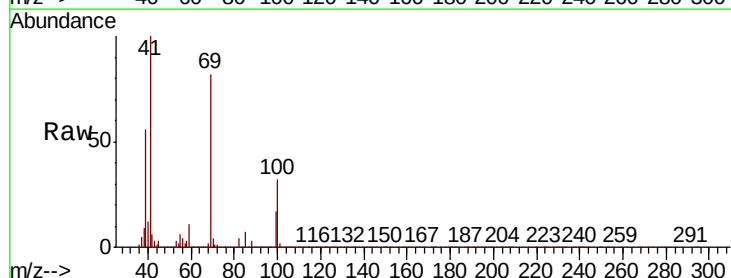
Manual Integrations
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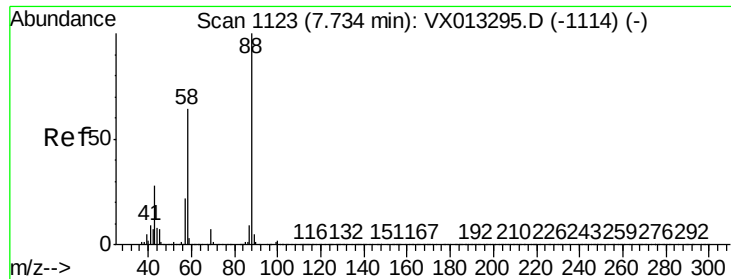
MMDadoda
11/21/2019 9:54:38 AM



#48
Methyl methacrylate
Concen: 56.893 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	41	Resp	436942
Ion Ratio	100	Lower	Upper
41	100		
69	82.0	63.0	94.6
39	55.7	45.9	68.9





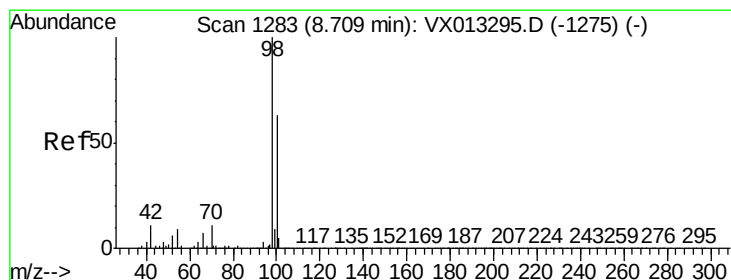
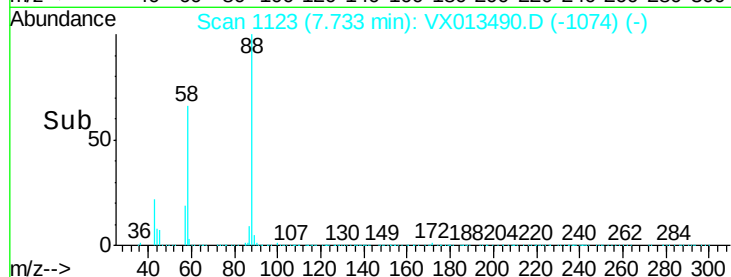
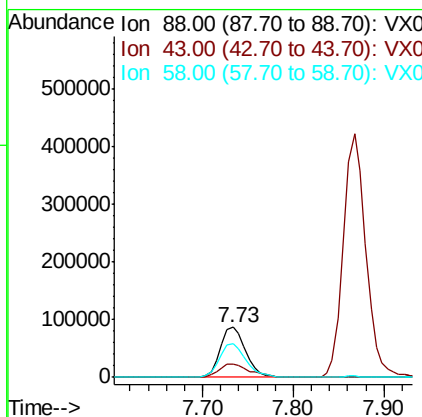
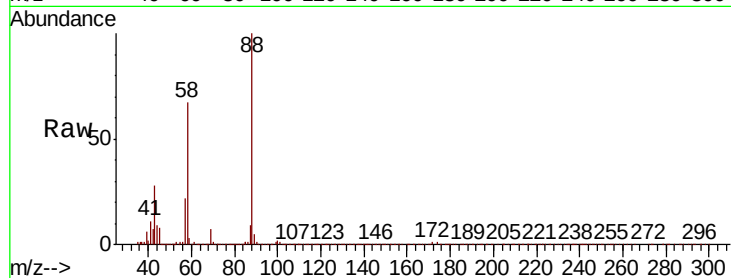
#49
1,4-Dioxane
Concen: 959.208 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.6	39.8
58	70.1	55.0	82.6

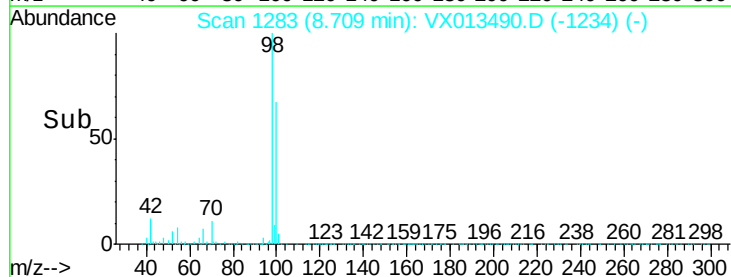
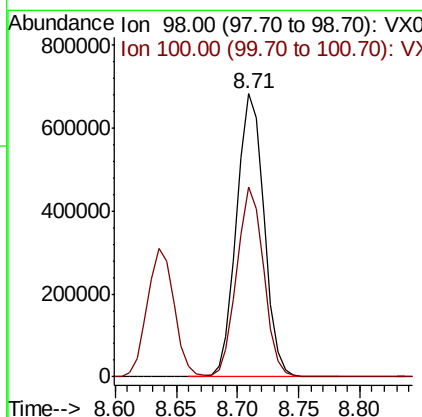
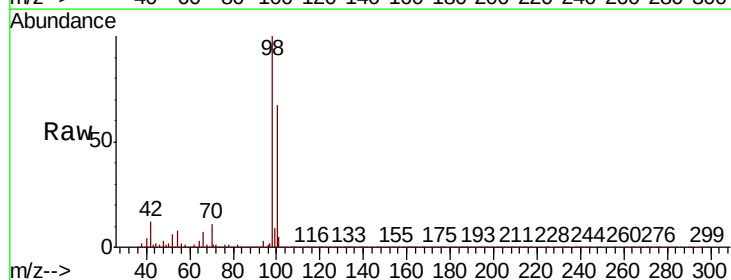
Manual Integrations
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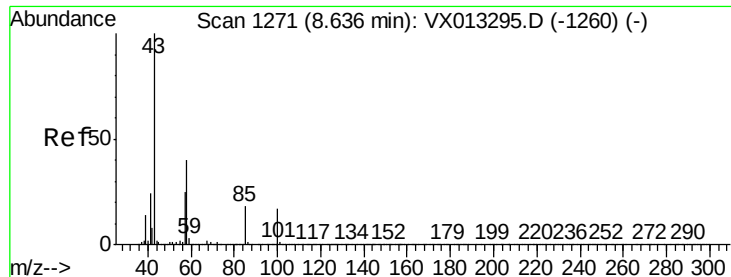
MMDadoda
11/21/2019 9:54:38 AM



#50
Toluene-d8
Concen: 48.078 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 278.333 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2809554

Ion Ratio Lower Upper

43 100

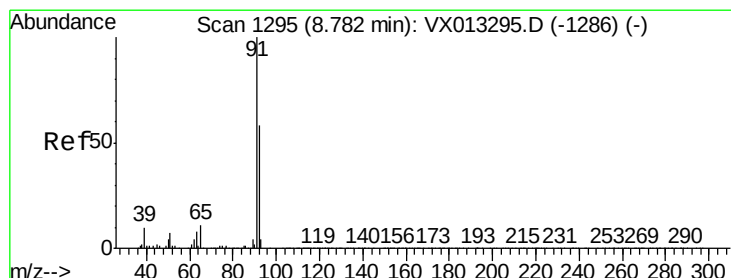
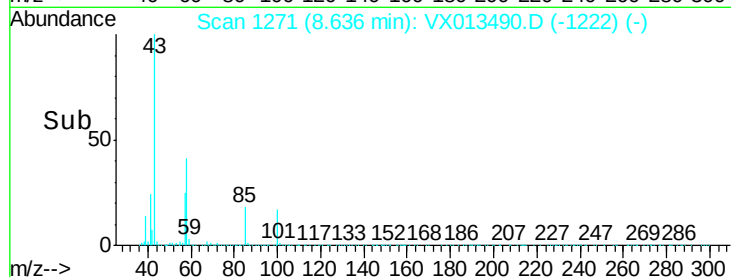
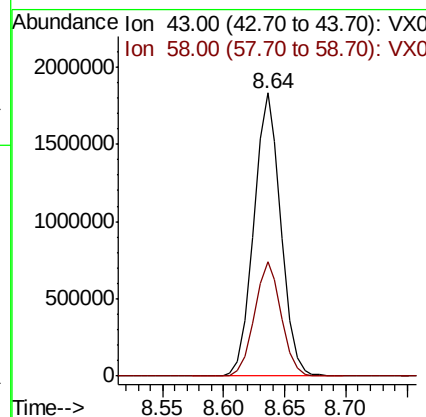
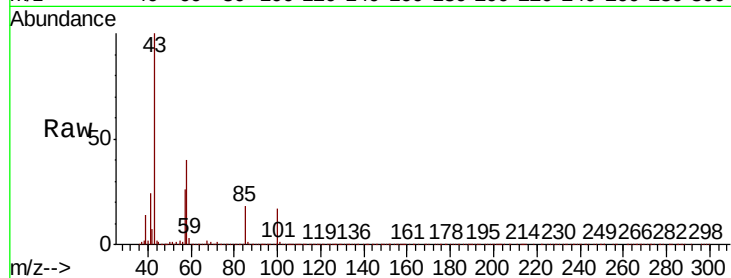
58 40.1 31.4 47.0

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 55.758 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013490.D

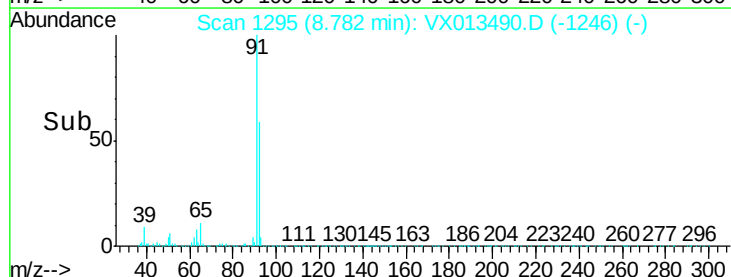
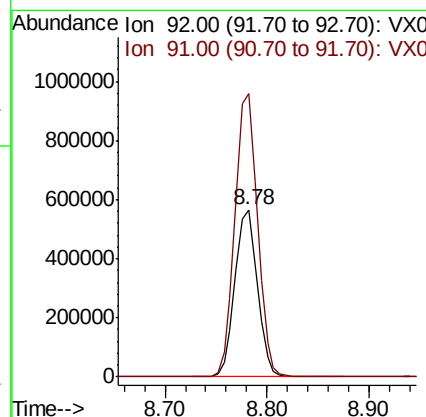
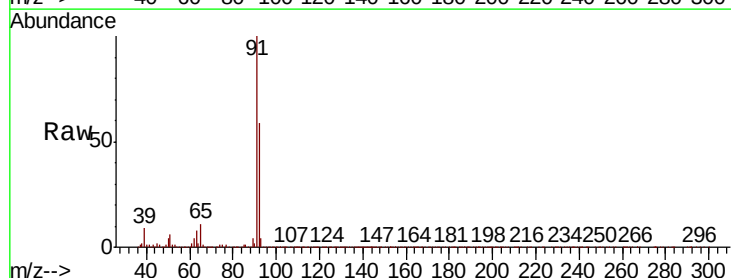
Acq: 20 Nov 2019 20:14

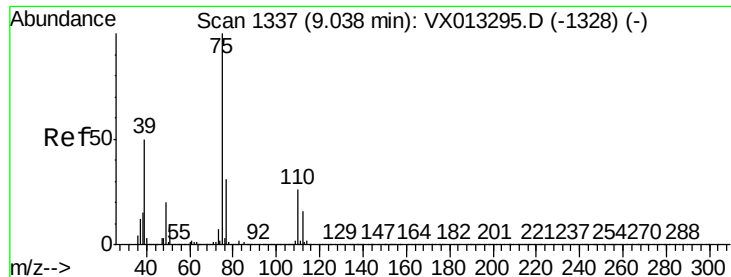
Tgt Ion: 92 Resp: 860753

Ion Ratio Lower Upper

92 100

91 170.5 138.0 207.0





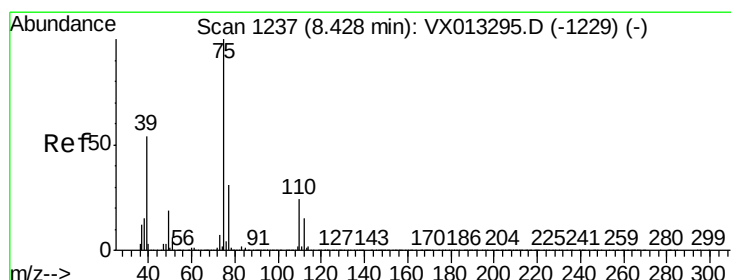
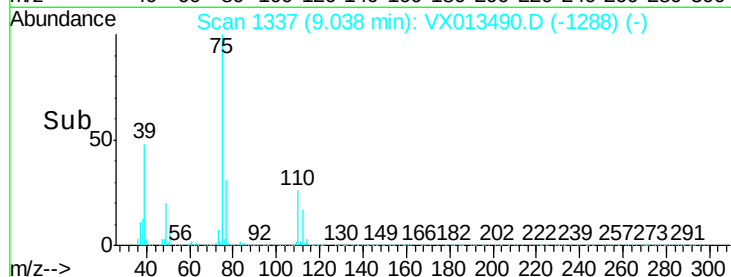
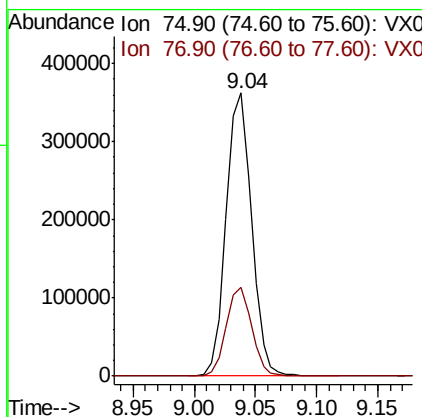
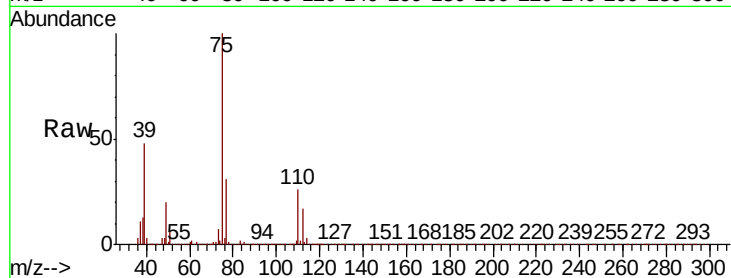
#53
t-1,3-Dichloropropene
Concen: 58.267 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4

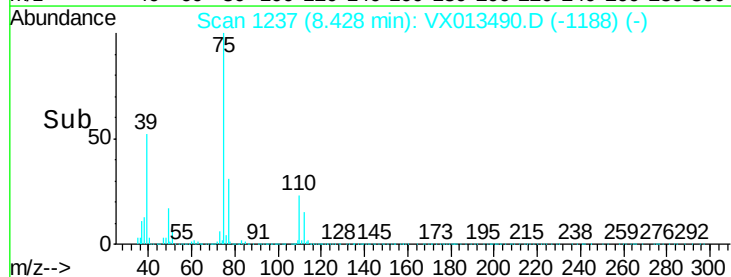
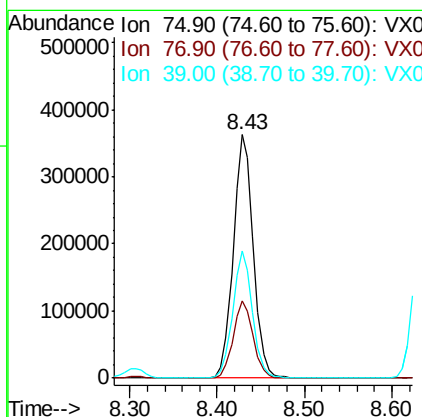
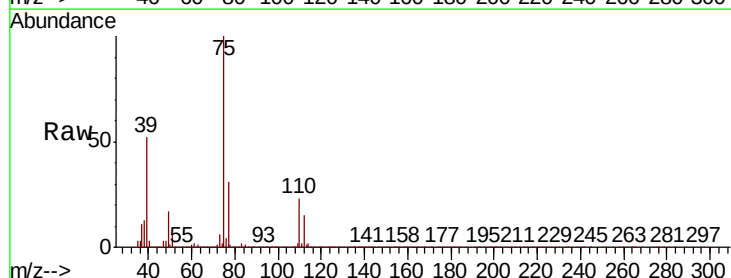
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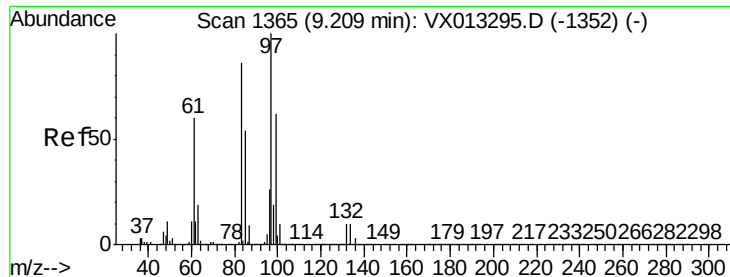
MMDadoda
11/21/2019 9:54:38 AM



#54
cis-1,3-Dichloropropene
Concen: 57.741 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.7	37.1
39	52.0	43.0	64.6





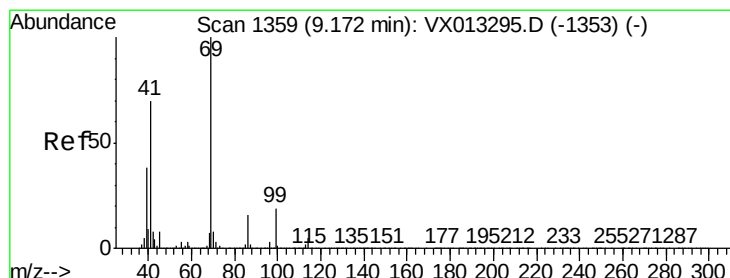
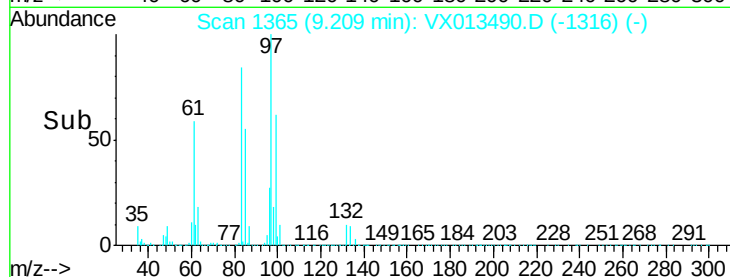
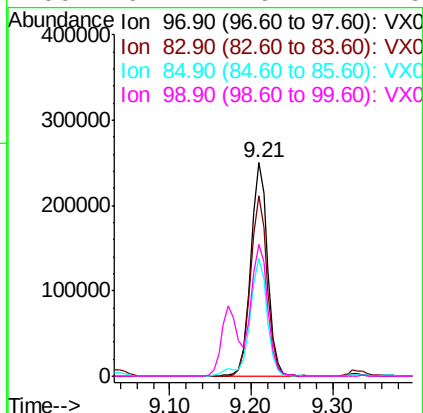
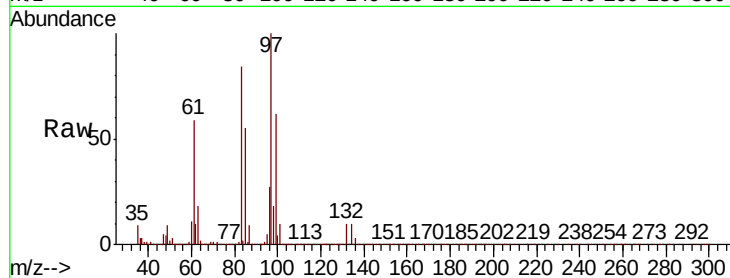
#55
 1,1,2-Trichloroethane
 Concen: 56.846 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	363734		
83	84.1	68.6	103.0	
85	54.8	43.1	64.7	
99	61.7	49.4	74.0	

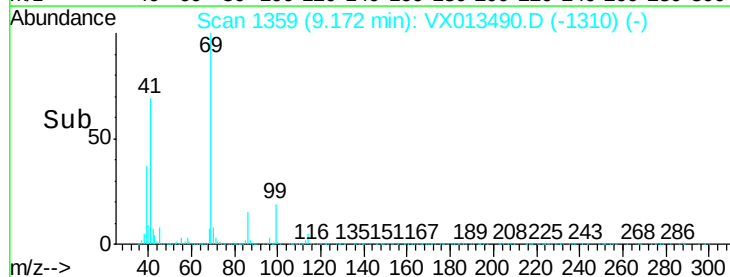
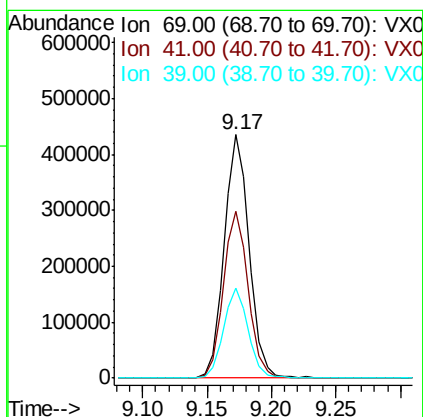
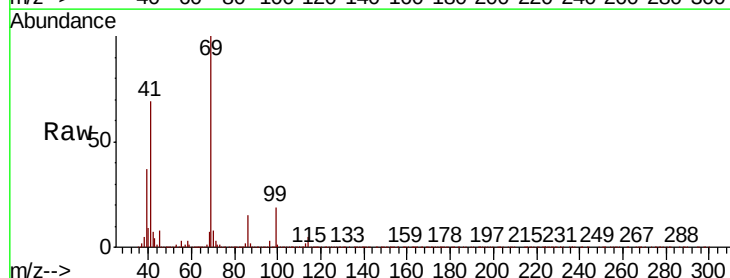
Manual Integrations
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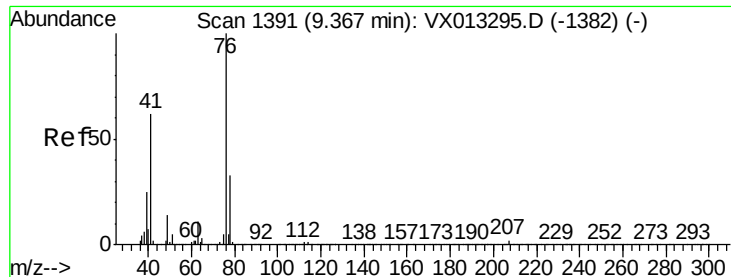
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 11/21/2019 9:54:38 AM



#56
 Ethyl methacrylate
 Concen: 54.196 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	593503		
41	68.0	56.2	84.2	
39	36.2	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 55.575 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 603653

Ion Ratio Lower Upper

76 100

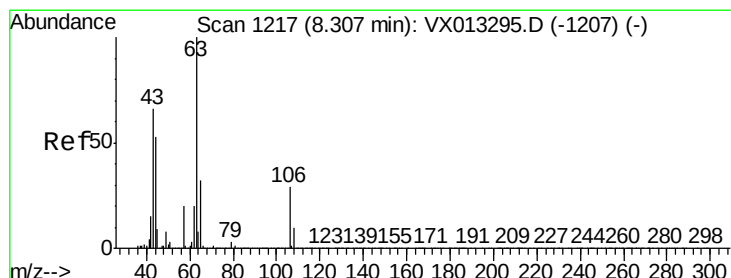
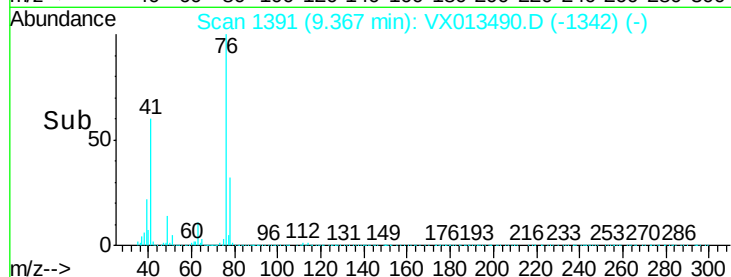
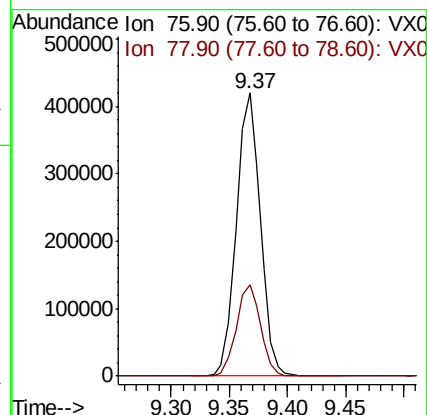
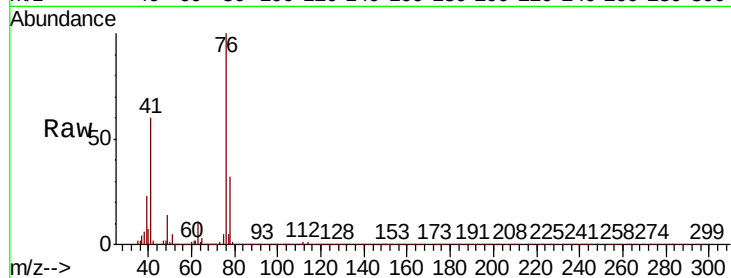
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 258.320 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013490.D

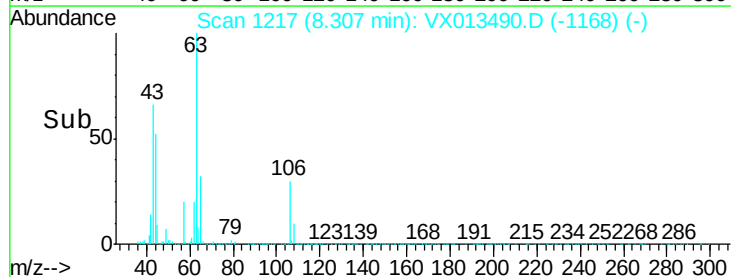
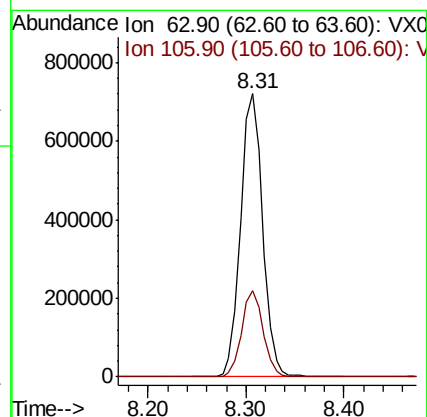
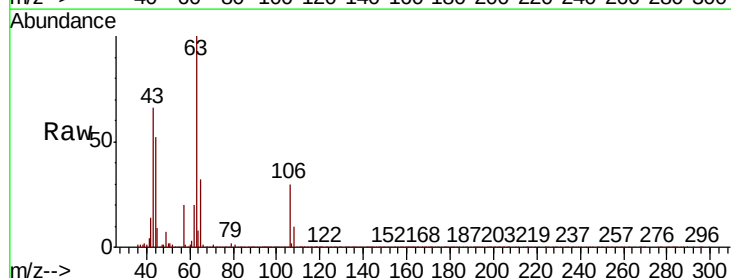
Acq: 20 Nov 2019 20:14

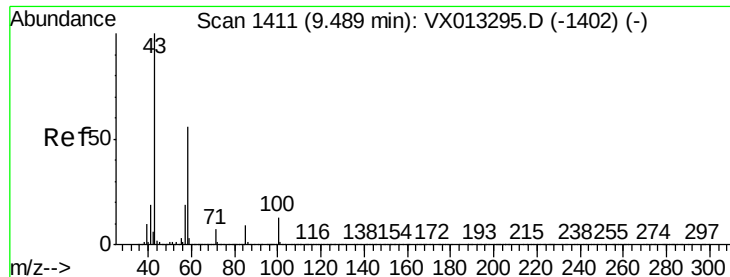
Tgt Ion: 63 Resp: 1130167

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.2





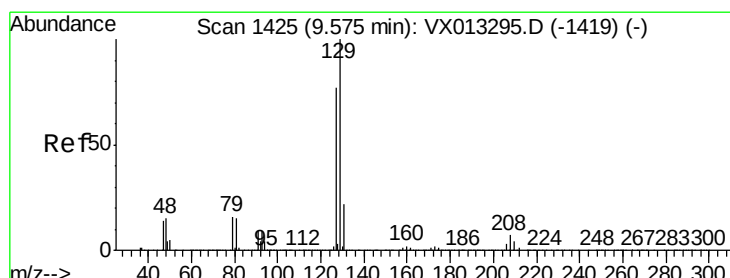
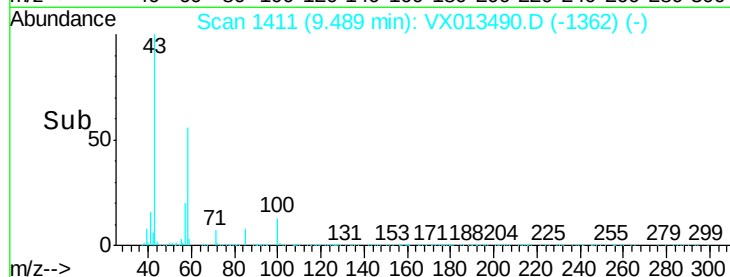
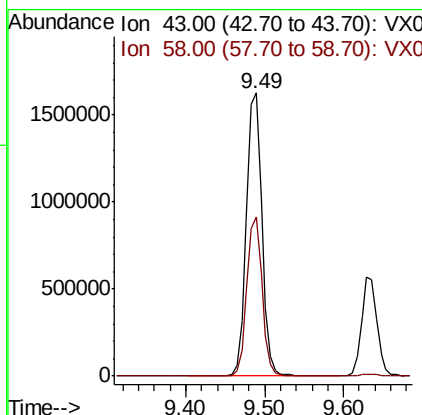
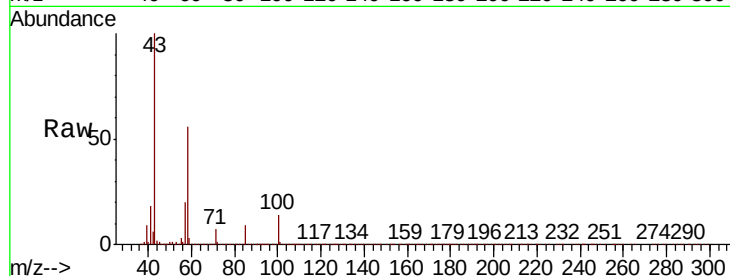
#59
2-Hexanone
Concen: 284.769 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2221367
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

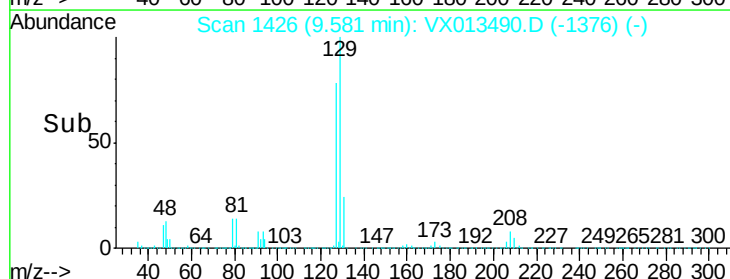
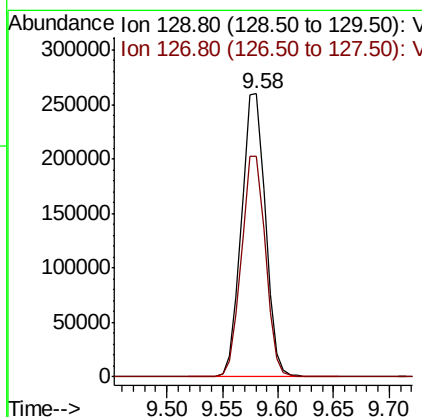
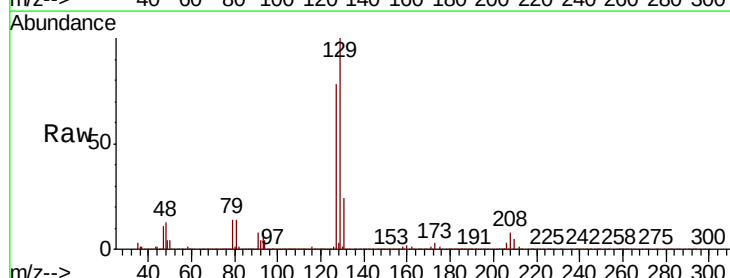
Manual Integrations
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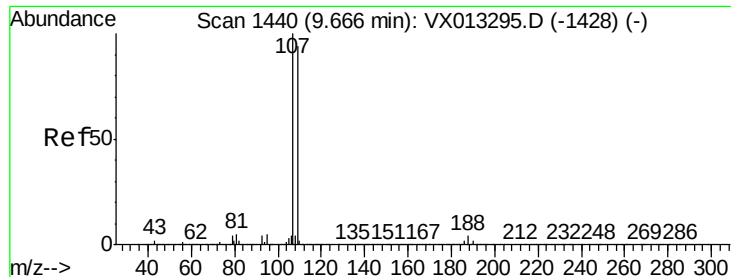
MMDadoda
11/21/2019 9:54:38 AM



#60
Dibromochloromethane
Concen: 59.513 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 129 Resp: 389457
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 55.470 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 376890

Ion Ratio Lower Upper

107 100

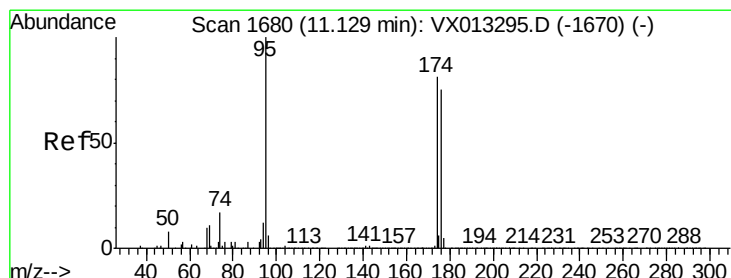
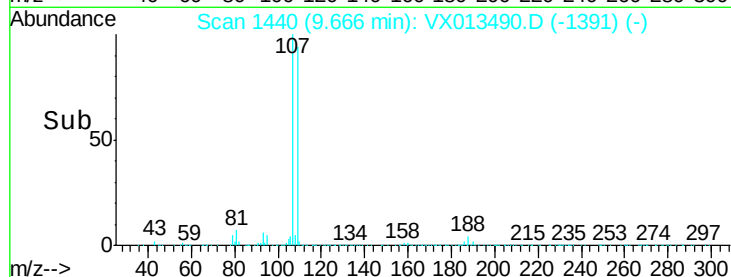
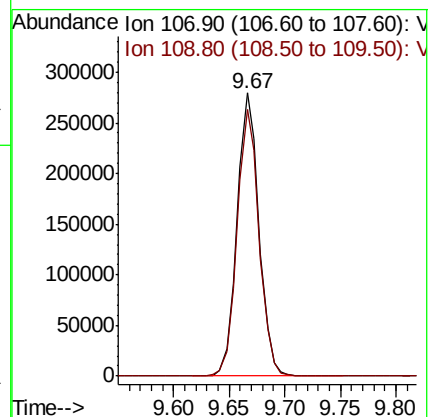
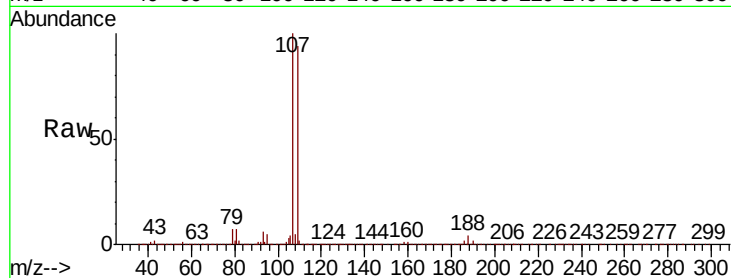
109 94.7 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 47.941 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

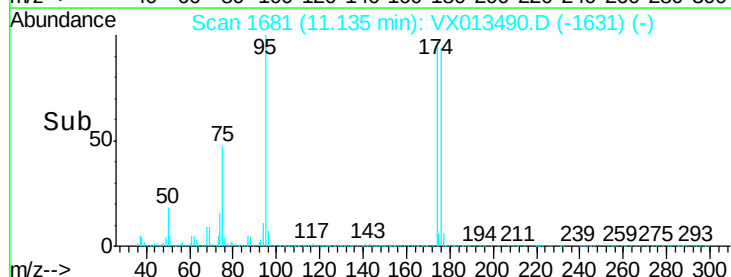
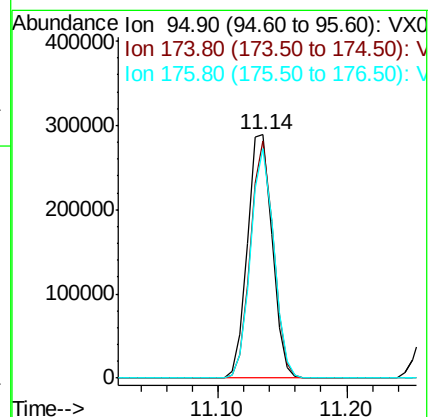
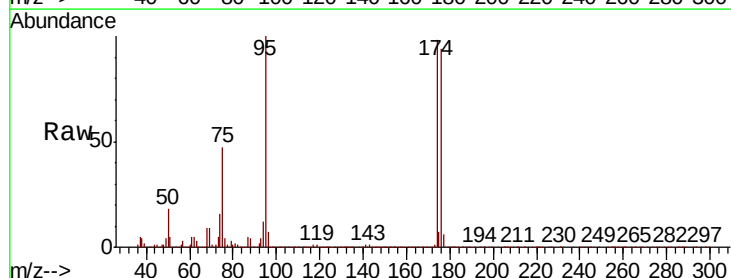
Tgt Ion: 95 Resp: 381322

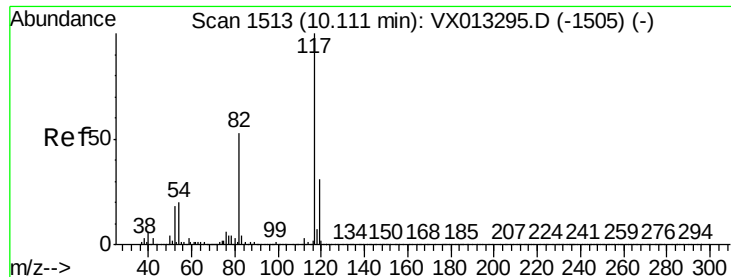
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 88.6 0.0 173.0





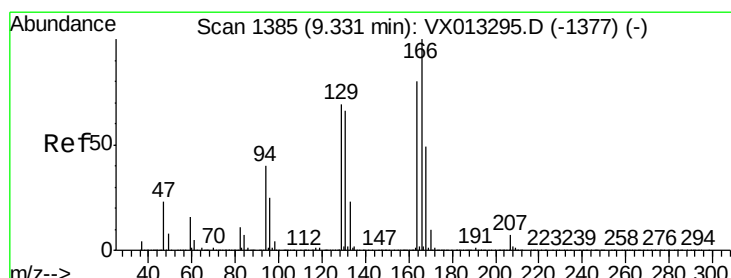
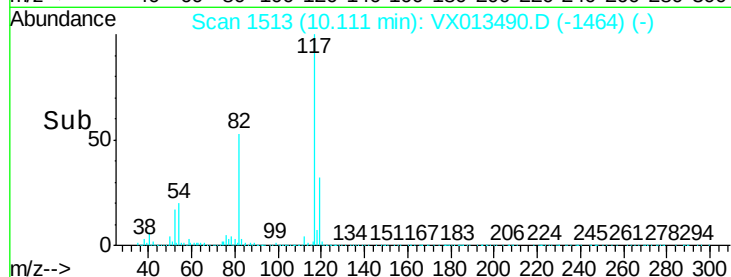
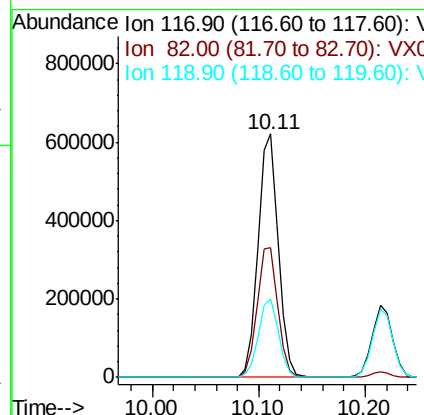
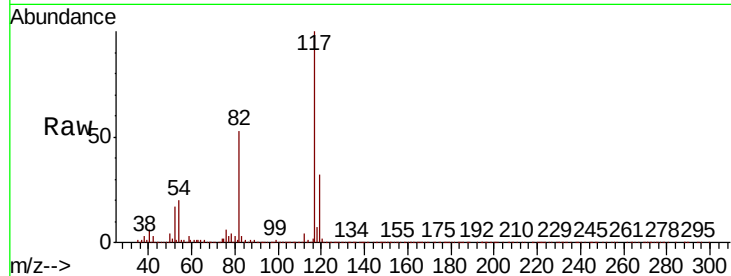
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	64.0
119	32.4	24.8	37.2

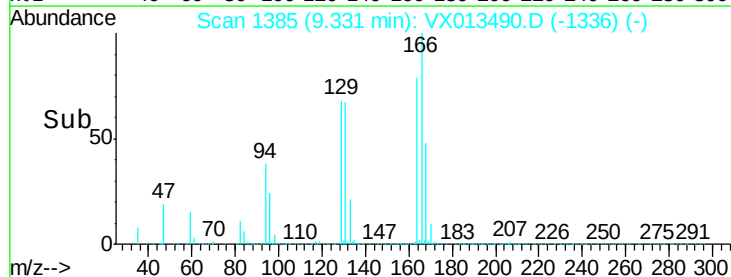
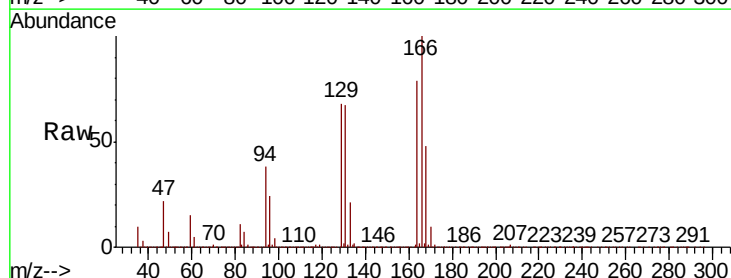
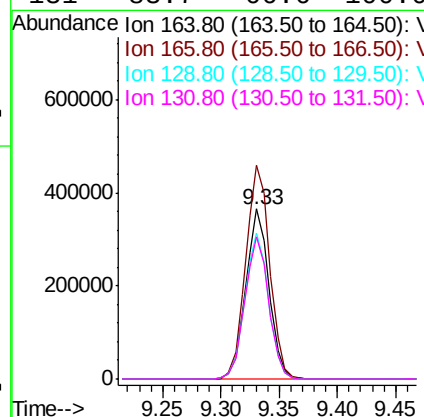
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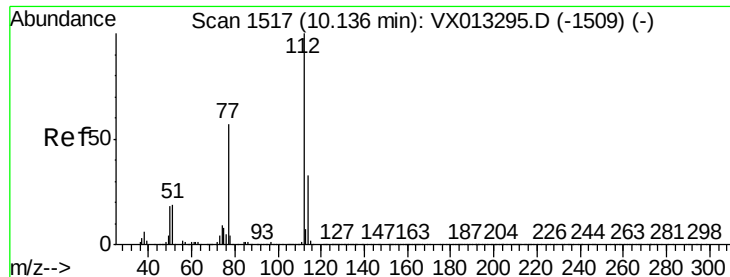
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#64
Tetrachloroethene
Concen: 85.680 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.4	150.6
129	86.1	69.4	104.2
131	83.7	66.6	100.0





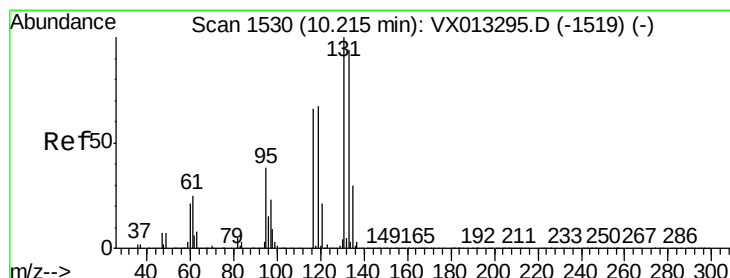
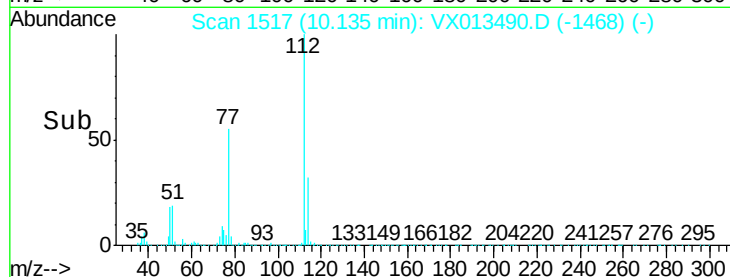
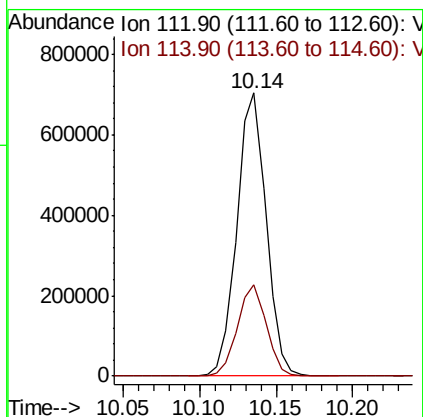
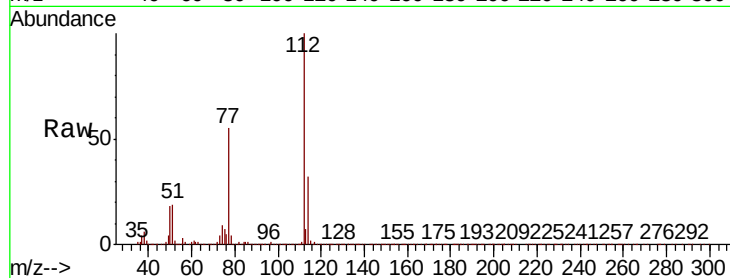
#65
Chlorobenzene
Concen: 55.625 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.4	39.6

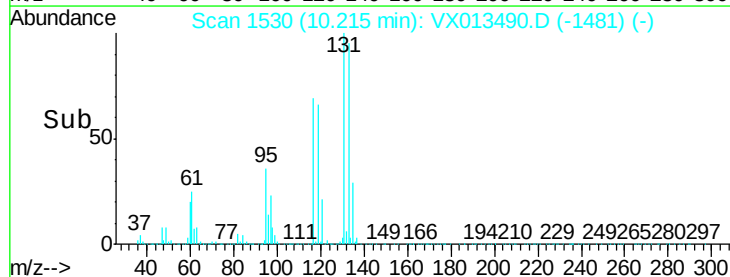
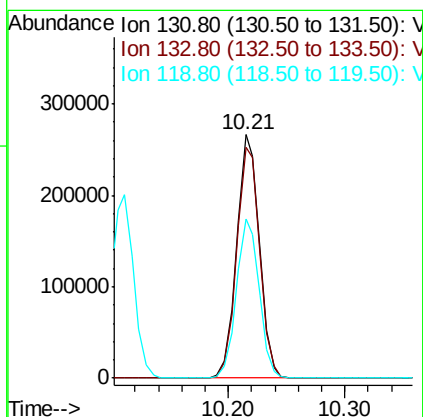
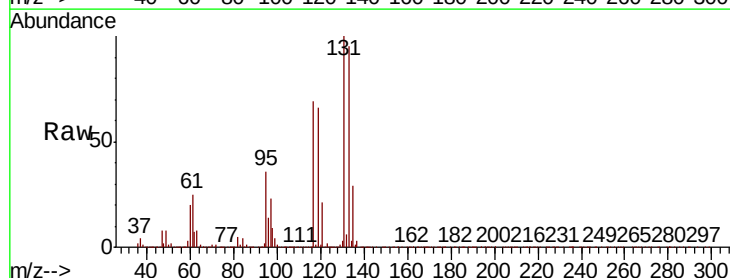
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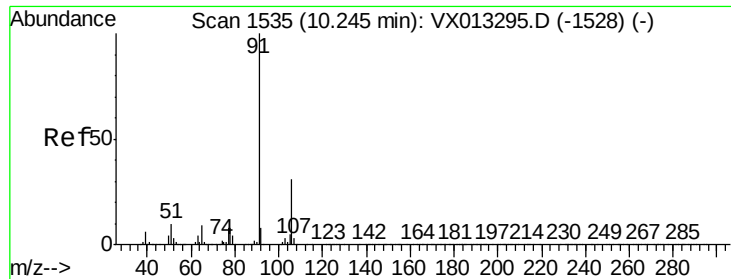
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.569 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.0
119	65.5	33.0	99.0





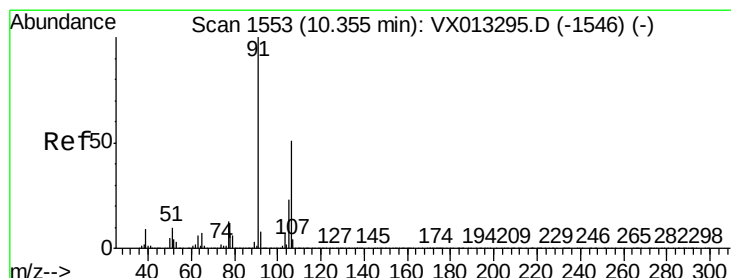
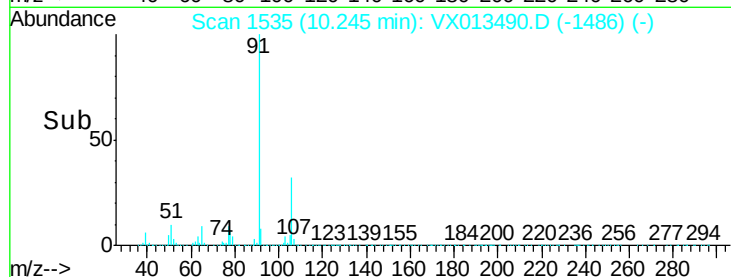
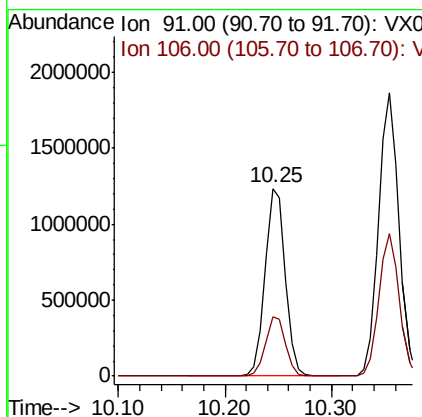
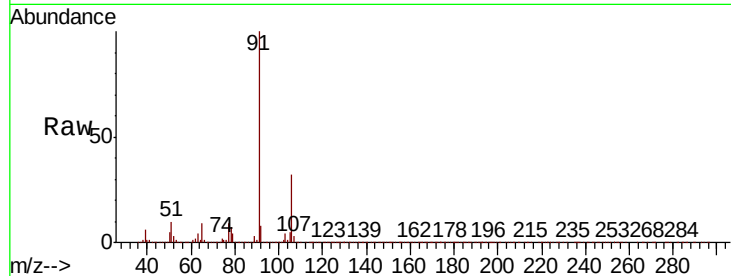
#67
Ethyl Benzene
Concen: 56.558 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1638083
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8

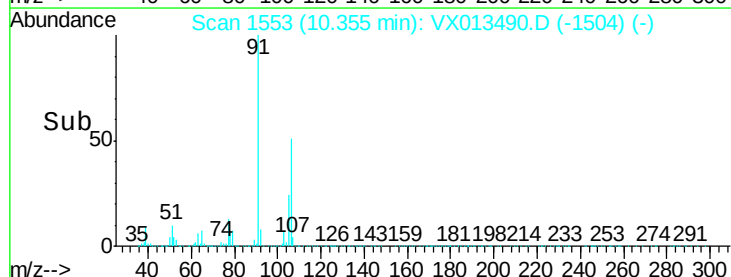
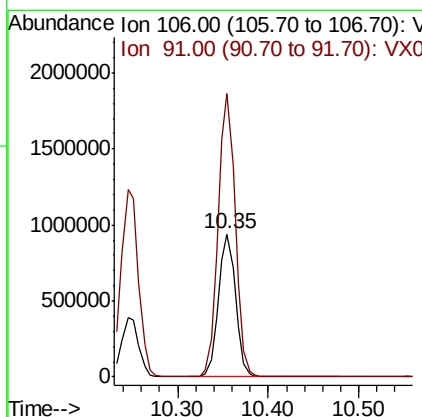
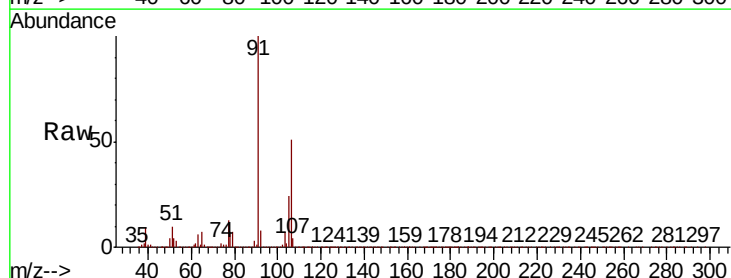
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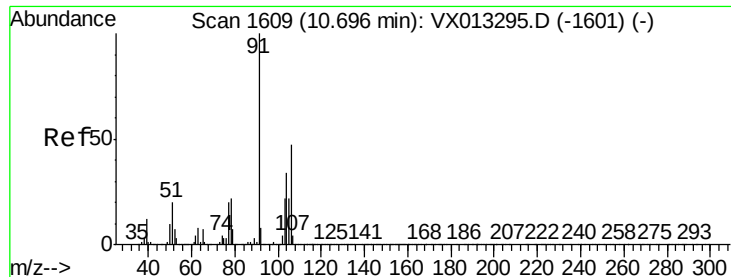
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#68
m/p-Xylenes
Concen: 113.563 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion: 106 Resp: 1243924
Ion Ratio Lower Upper
106 100
91 198.8 159.3 238.9





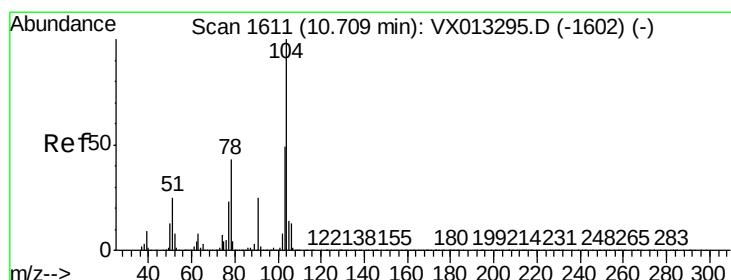
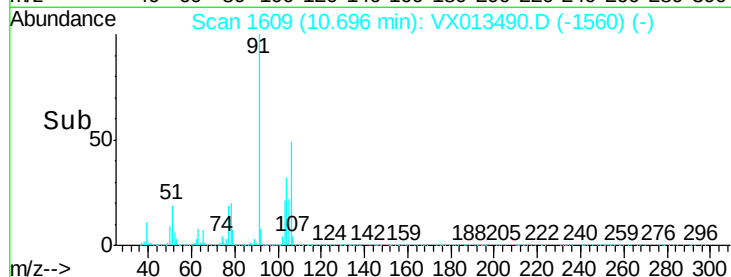
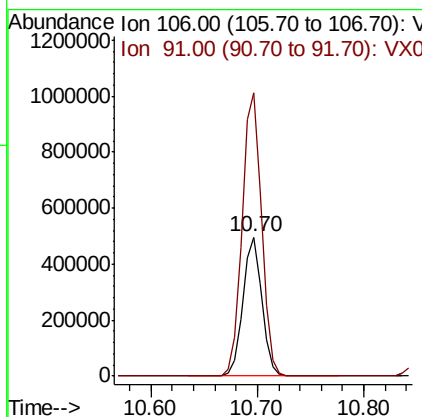
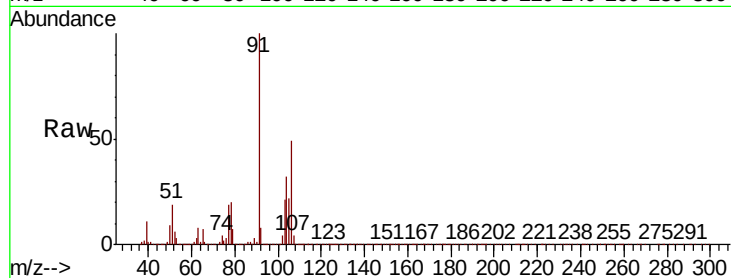
#69
o-Xylene
Concen: 57.807 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 619914
Ion Ratio Lower Upper
106 100
91 208.8 105.7 317.0

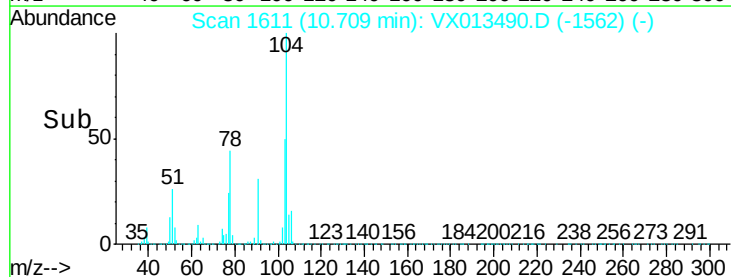
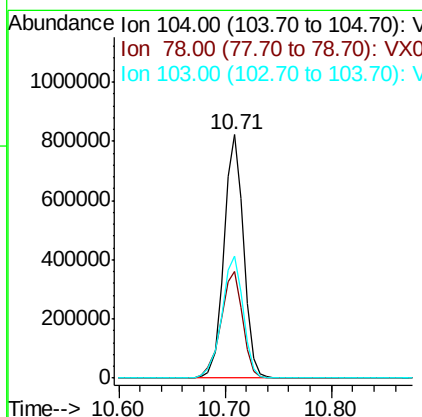
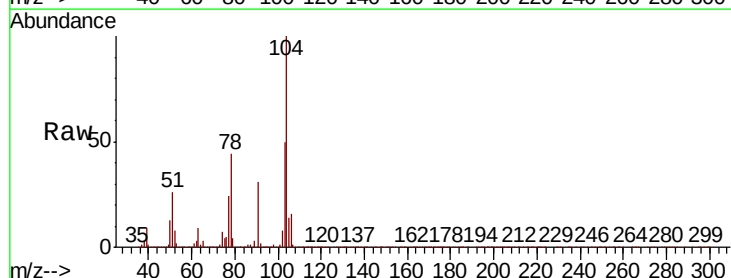
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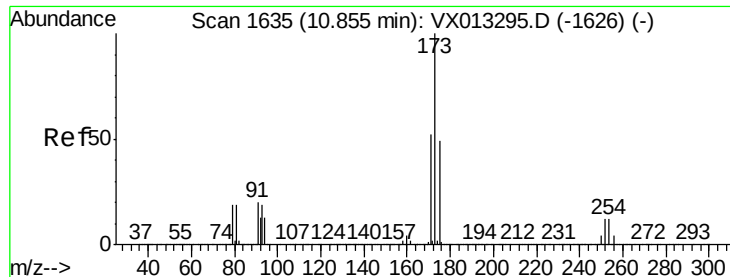
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#70
Styrene
Concen: 59.013 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion:104 Resp: 1057879
Ion Ratio Lower Upper
104 100
78 48.5 40.0 60.0
103 54.4 44.1 66.1





#71

Bromoform

Concen: 53.819 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 308968

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.4

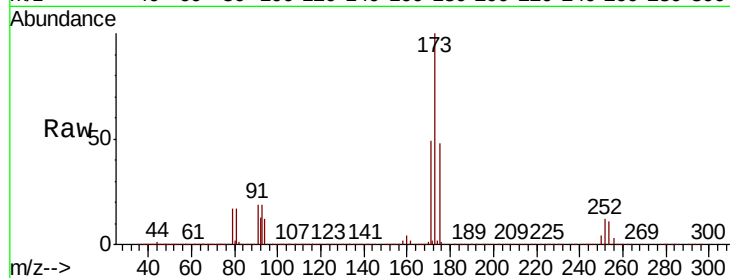
254 0.2 0.2 0.2

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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

10.85

250000

200000

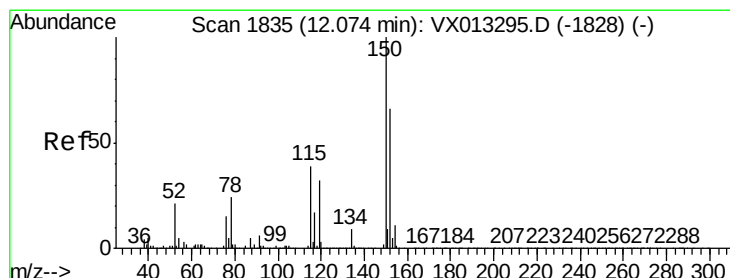
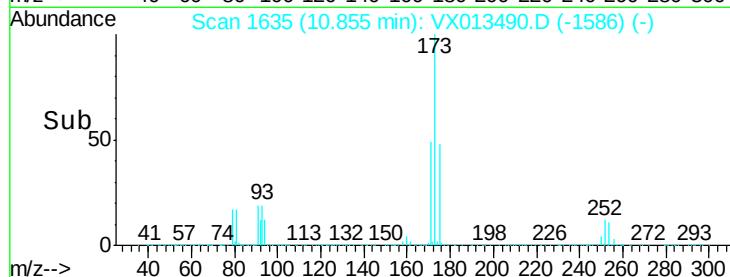
150000

100000

50000

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

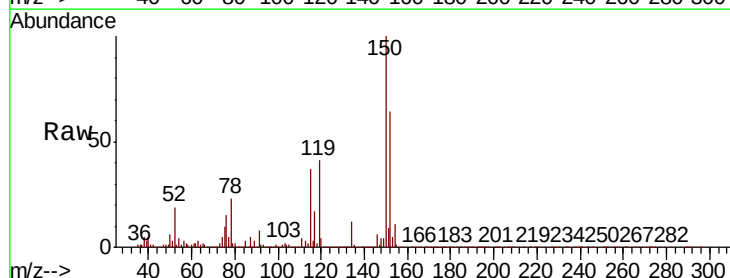
Tgt Ion:152 Resp: 418699

Ion Ratio Lower Upper

152 100

115 79.5 39.5 118.3

150 176.7 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

12.07

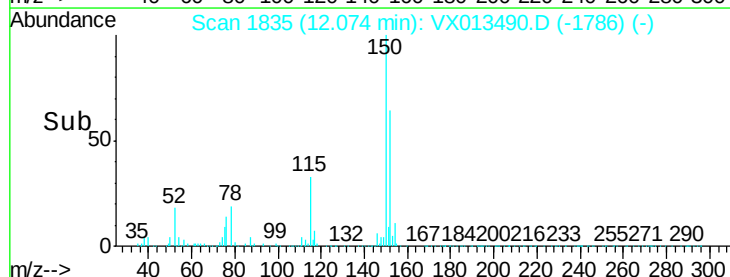
600000

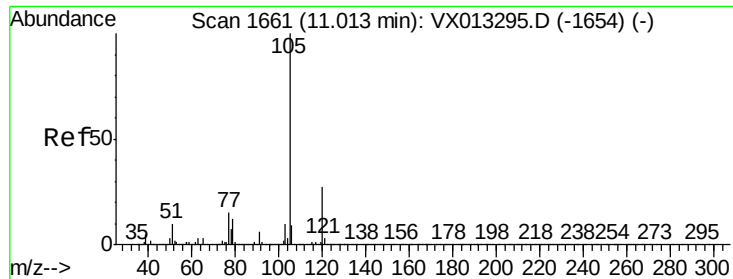
400000

200000

0

Time-->





#73

Isopropylbenzene

Concen: 59.089 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1640328

Ion Ratio Lower Upper

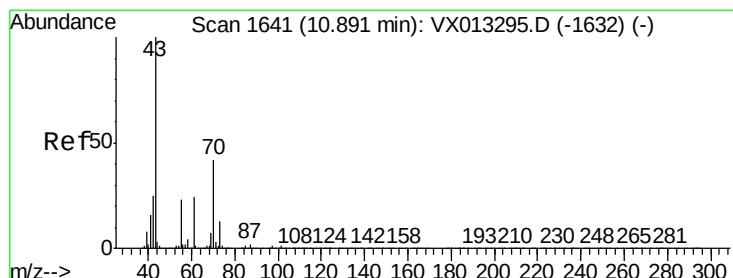
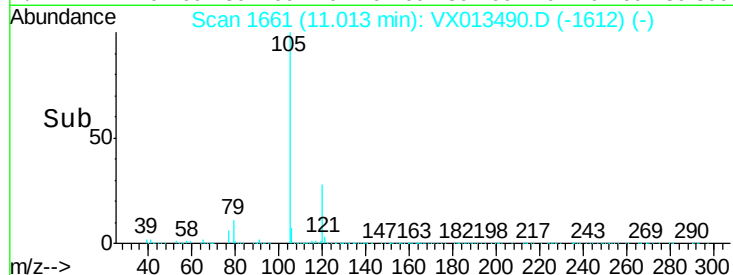
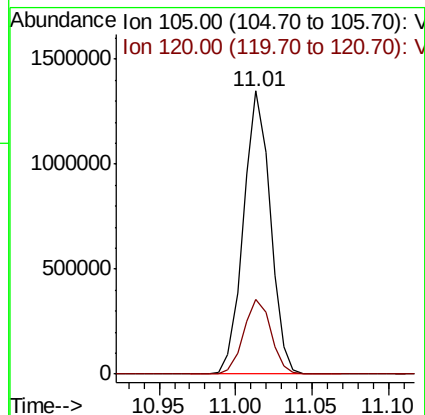
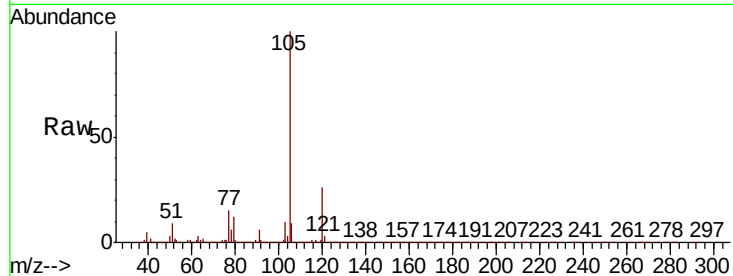
105 100

120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 60.044 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion: 43 Resp: 772954

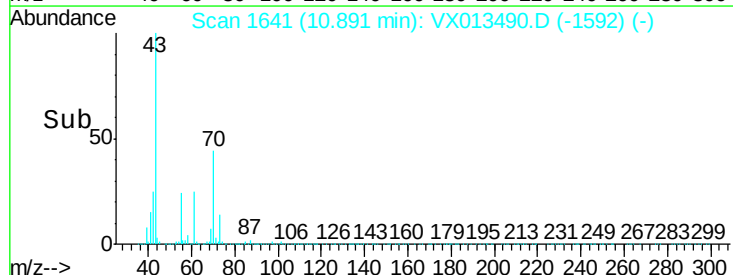
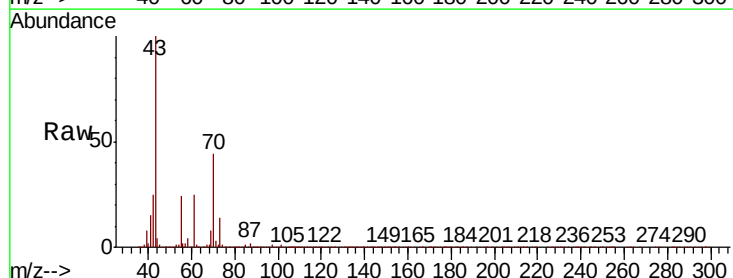
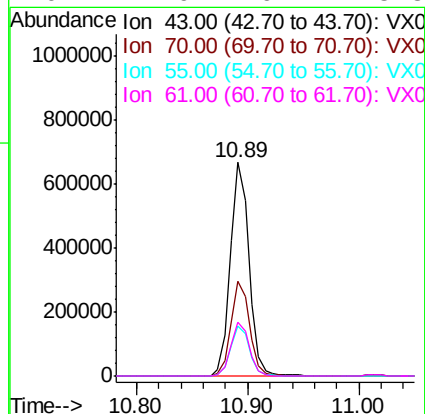
Ion Ratio Lower Upper

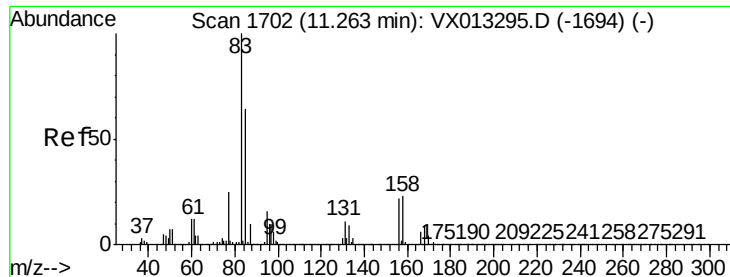
43 100

70 43.9 34.1 51.1

55 23.8 18.9 28.3

61 24.9 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.155 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

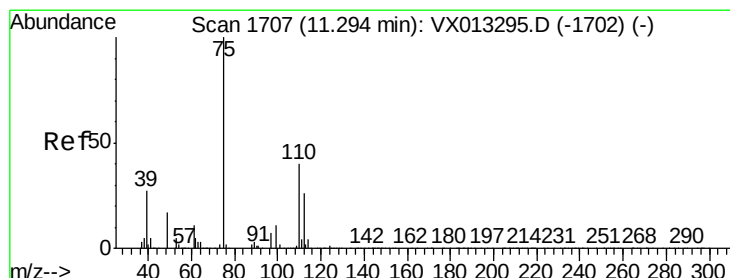
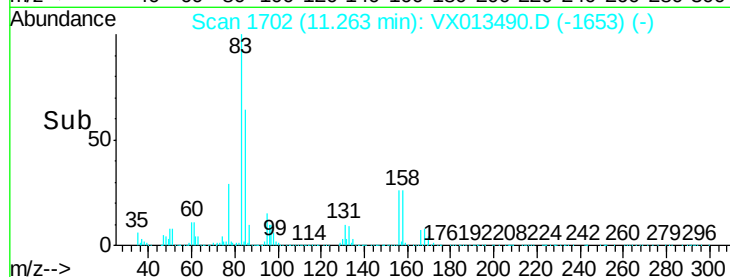
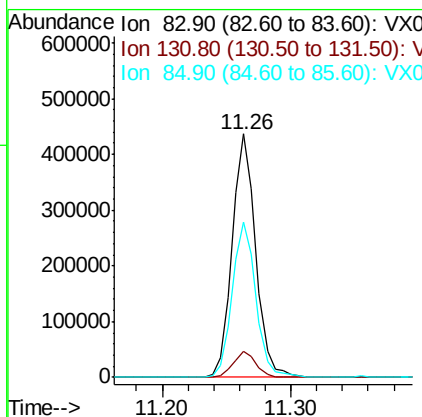
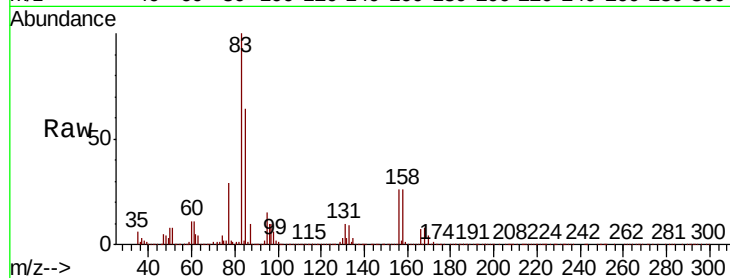
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	558579
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 53.973 ug/l m

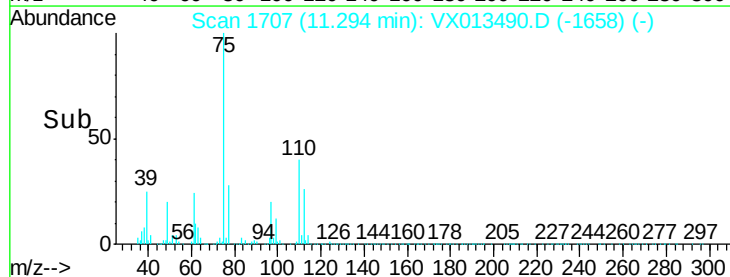
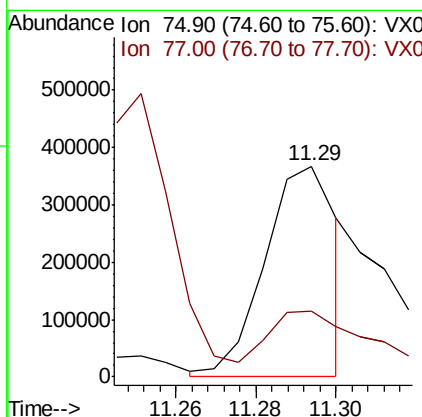
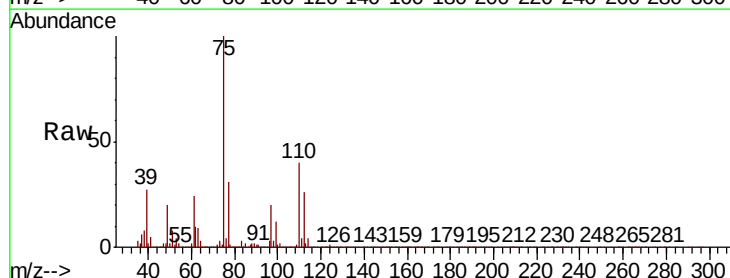
RT: 11.29 min Scan# 1707

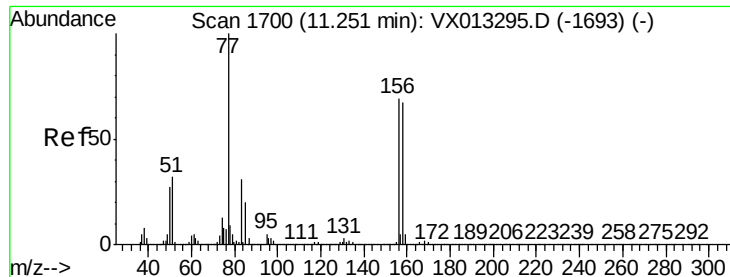
Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion:	75	Resp:	459002
Ion Ratio	Lower	Upper	
75	100		
77	45.1	22.3	66.8





#77

Bromobenzene

Concen: 58.140 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

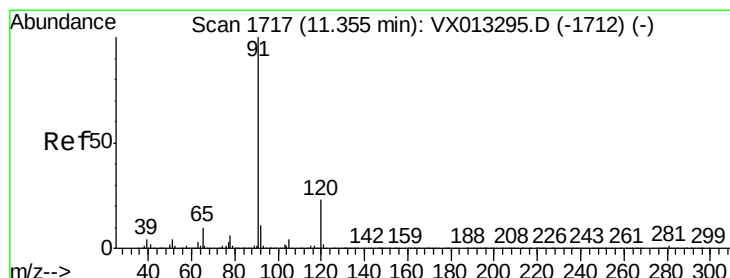
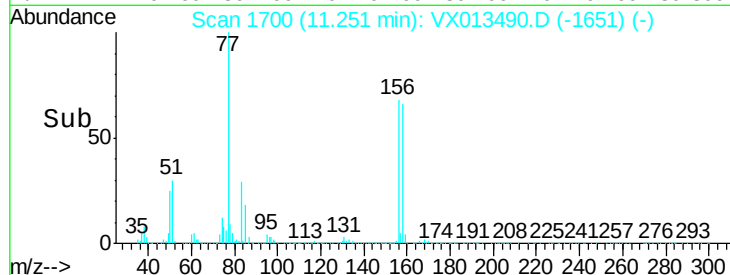
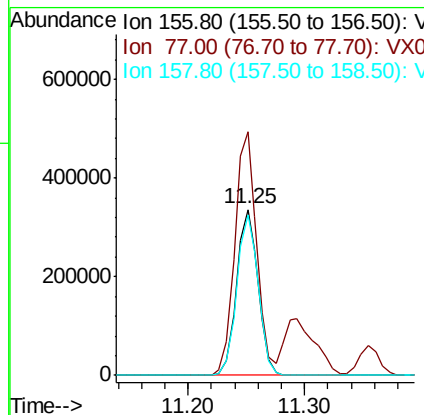
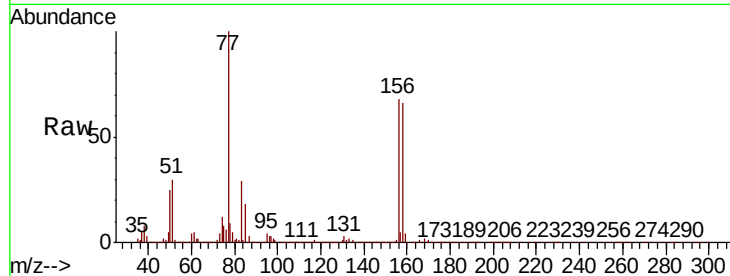
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.9	75.8	227.4
158	97.1	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 59.222 ug/l

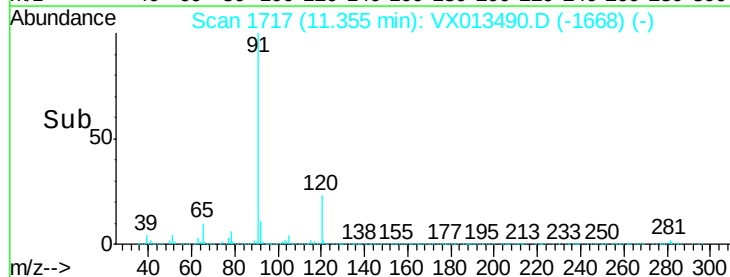
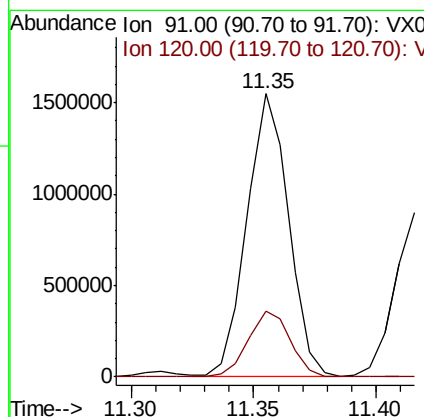
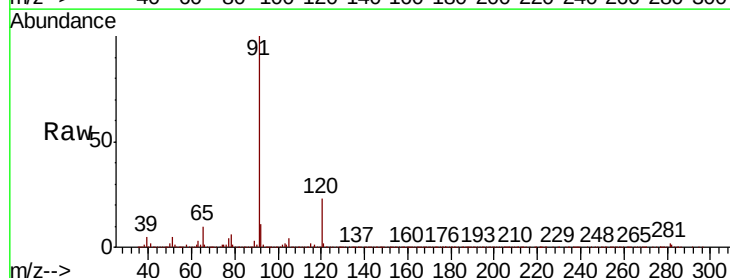
RT: 11.35 min Scan# 1717

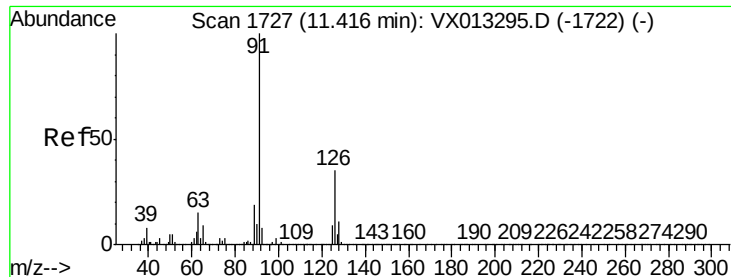
Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 57.988 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1080393

Ion Ratio Lower Upper

91 100

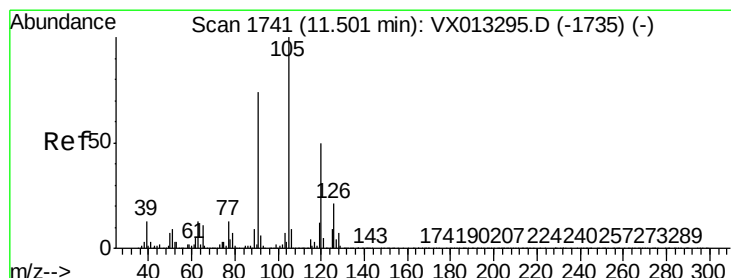
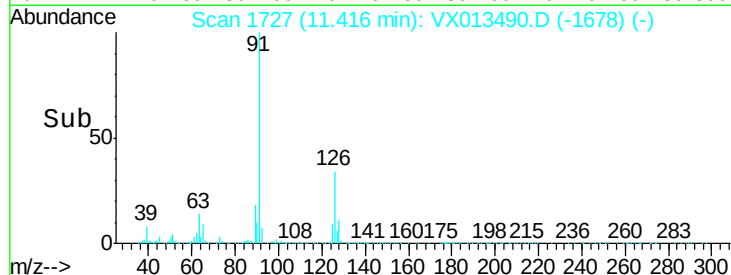
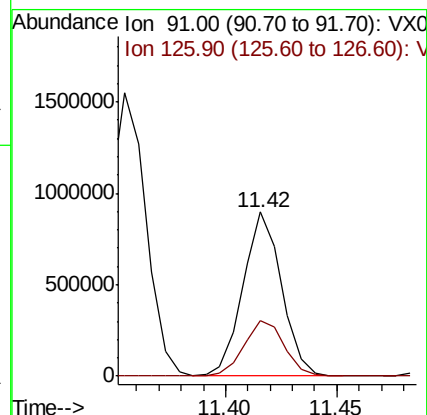
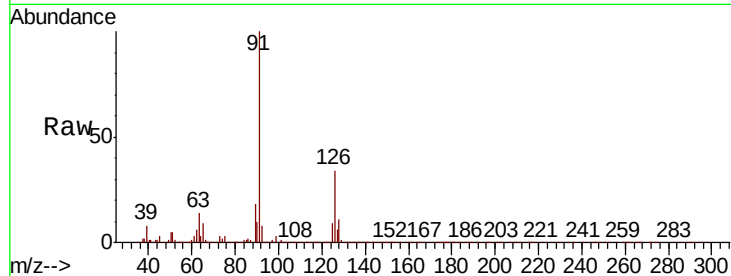
126 35.2 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 58.562 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013490.D

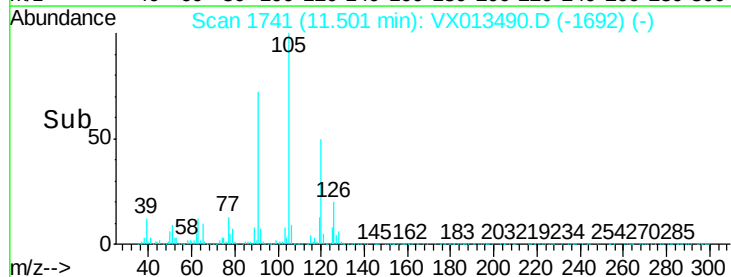
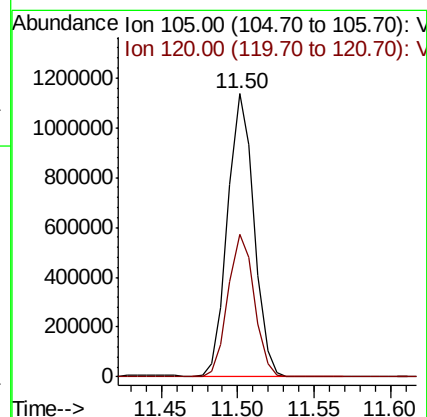
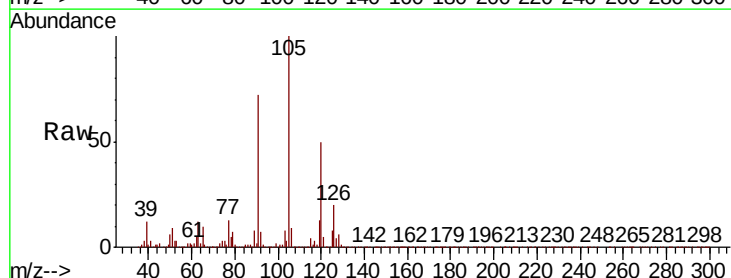
Acq: 20 Nov 2019 20:14

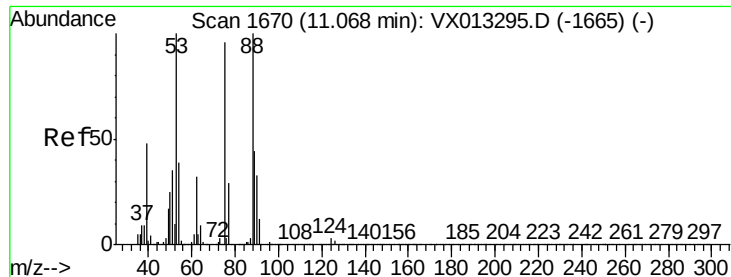
Tgt Ion: 105 Resp: 1354117

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8





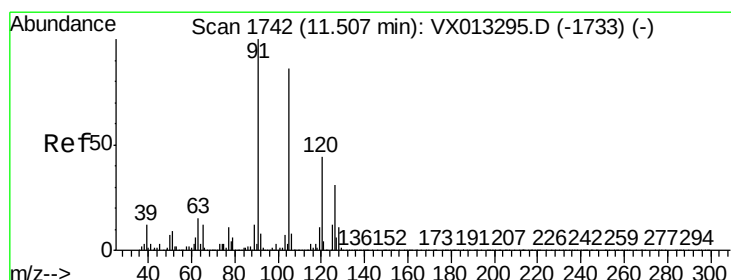
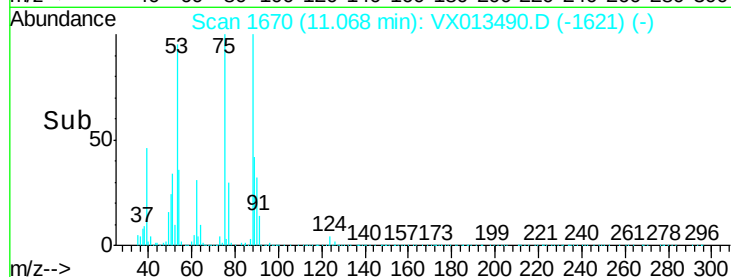
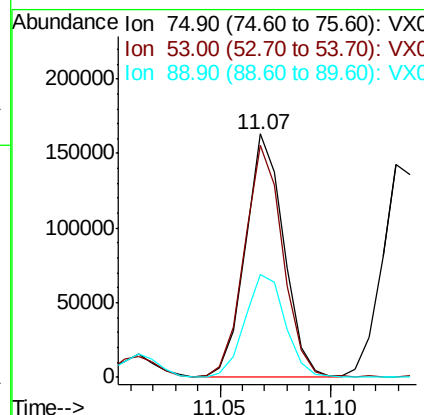
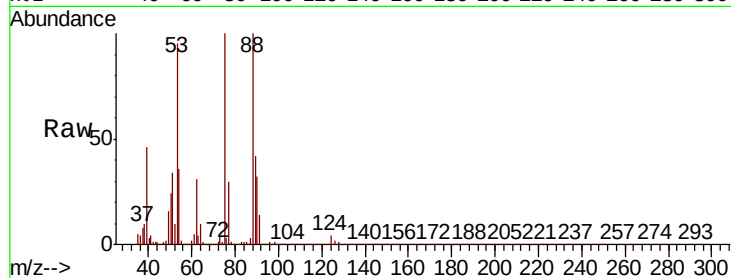
#81
trans-1,4-Dichloro-2-butene
Concen: 58.907 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	81.0	121.6
89	45.1	36.0	54.0

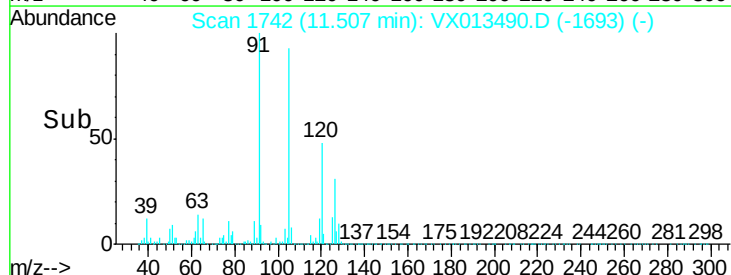
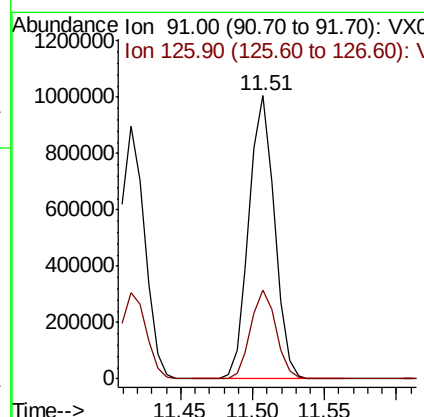
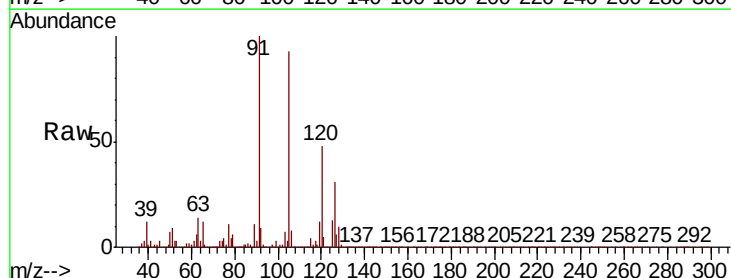
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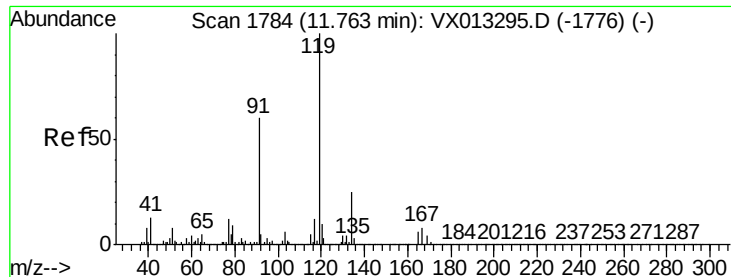
MMDadoda
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#82
4-Chlorotoluene
Concen: 56.829 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





#83

tert-Butylbenzene

Concen: 51.686 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

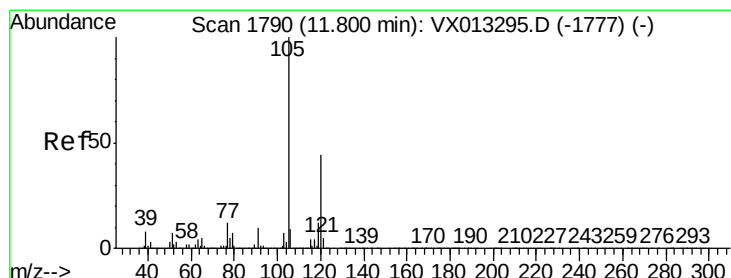
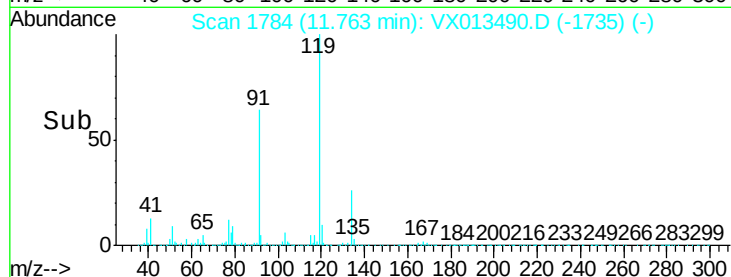
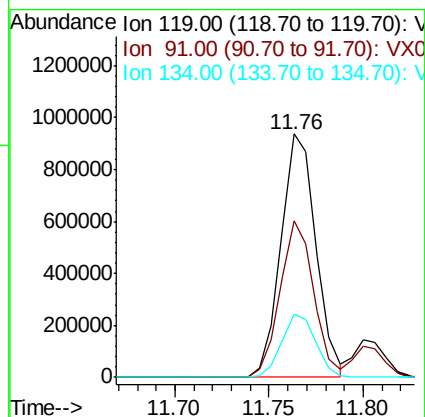
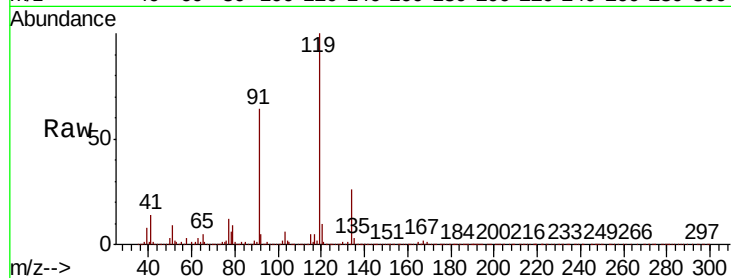
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1203081
Ion	Ratio	Lower	Upper
119	100		
91	62.1	26.9	80.7
134	25.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 61.360 ug/l

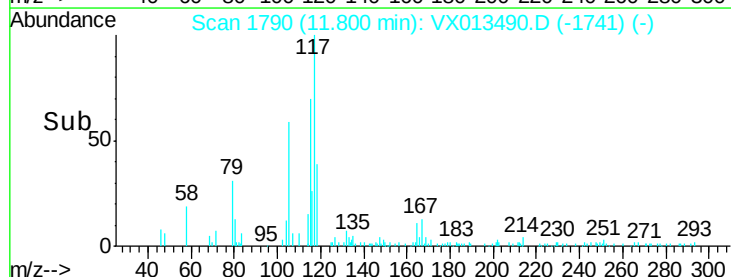
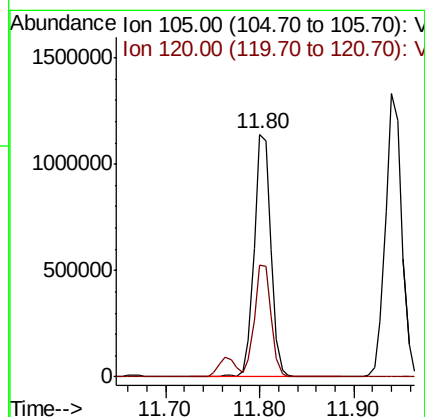
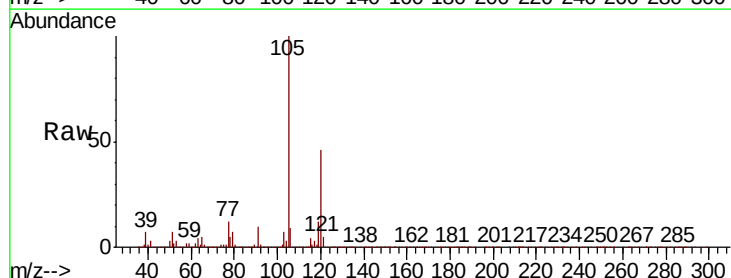
RT: 11.80 min Scan# 1790

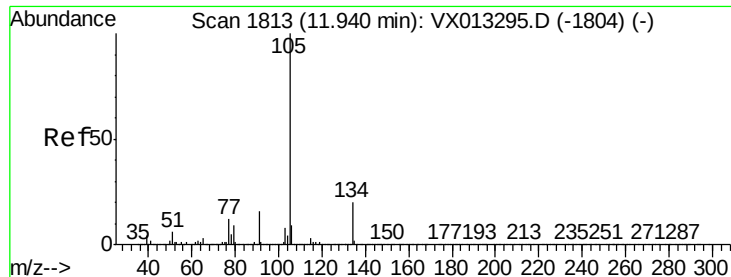
Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Tgt Ion:	105	Resp:	1423289
Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 59.605 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1594529

Ion Ratio Lower Upper

105 100

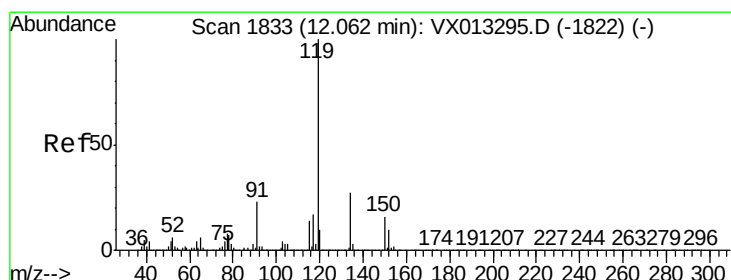
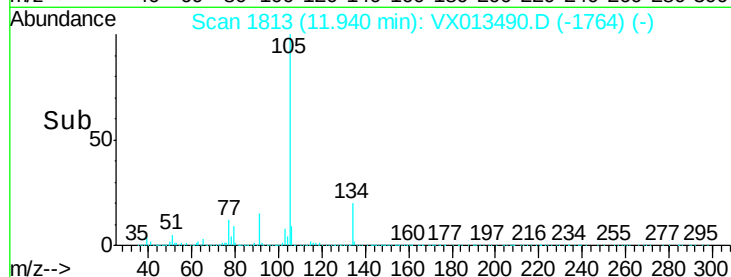
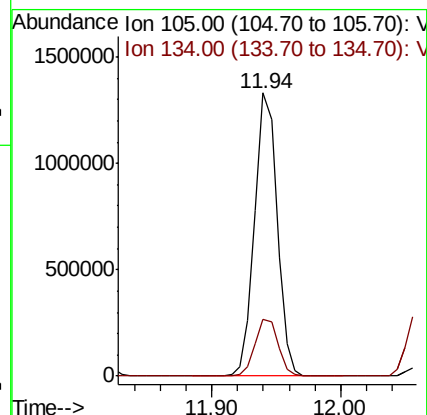
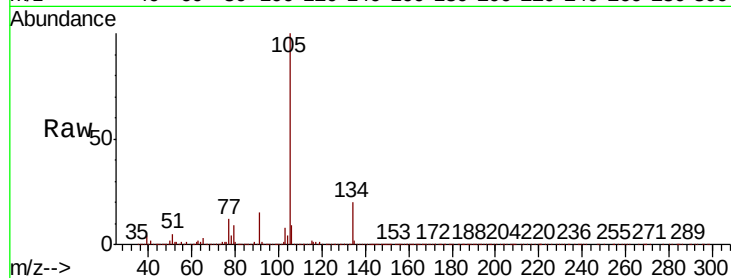
134 20.7 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 59.526 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

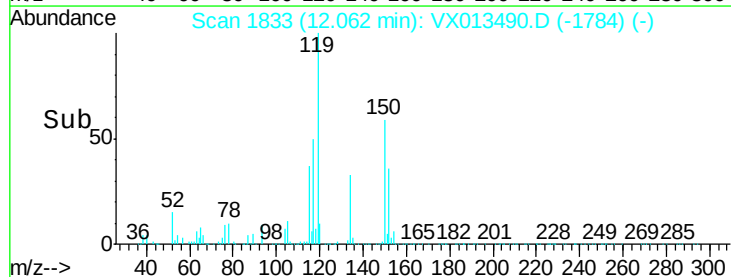
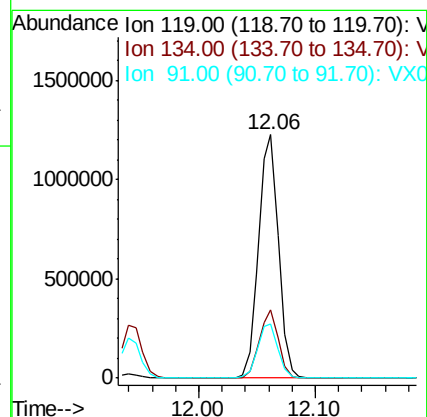
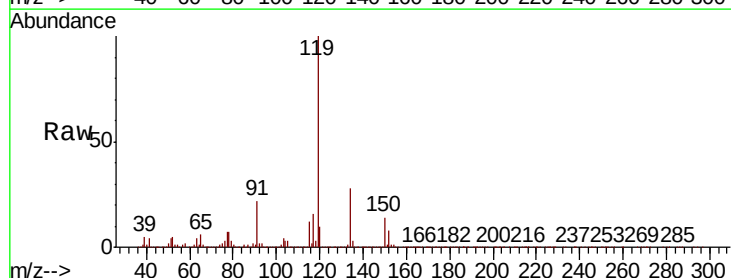
Tgt Ion:119 Resp: 1466345

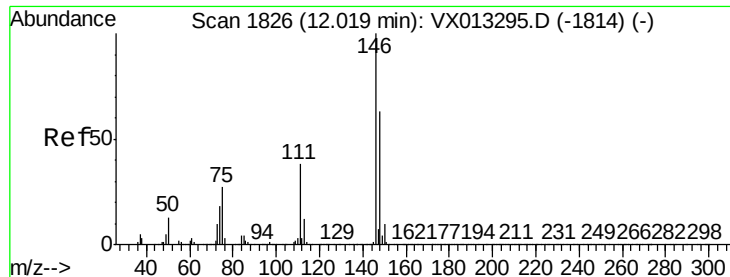
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.5 11.5 34.4





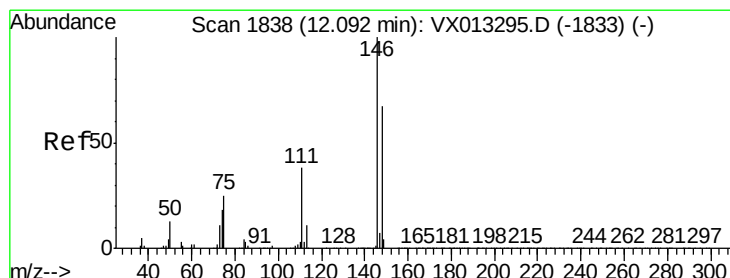
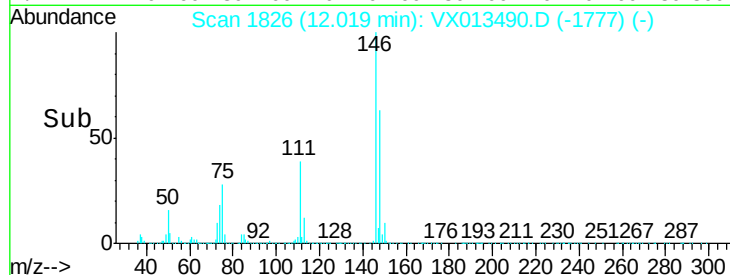
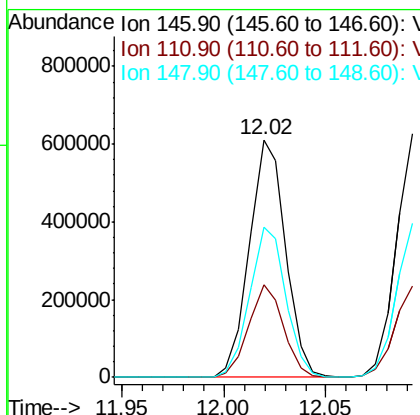
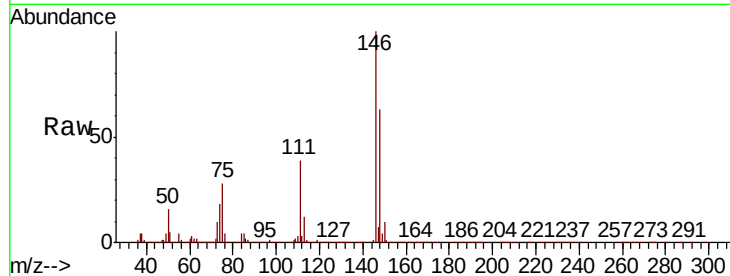
#87
 1,3-Dichlorobenzene
 Concen: 57.203 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.5	31.9	95.7

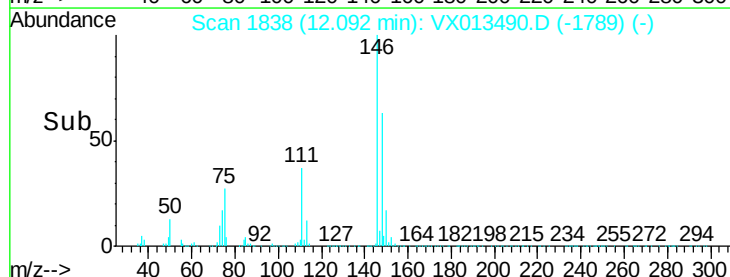
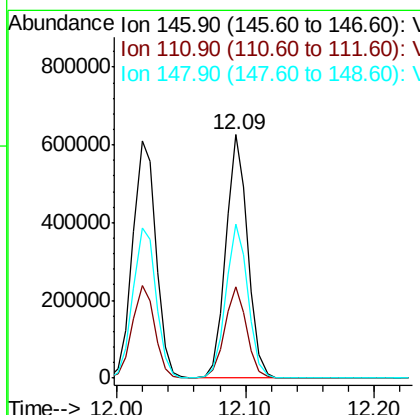
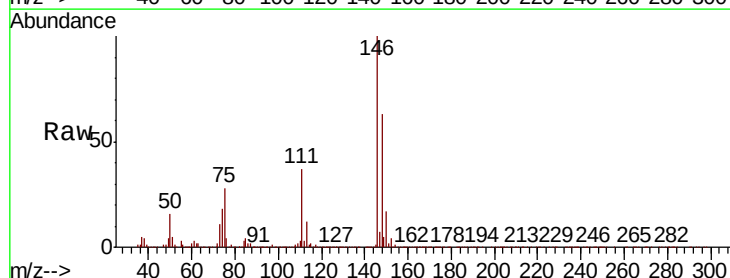
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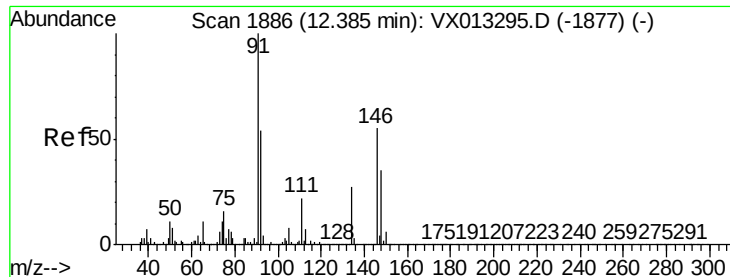
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 11/21/2019 9:54:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 55.644 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.4
148	63.9	32.4	97.0





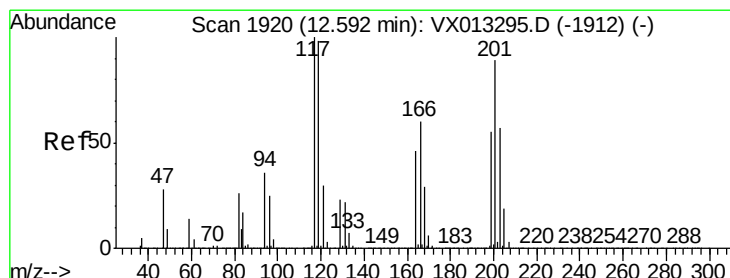
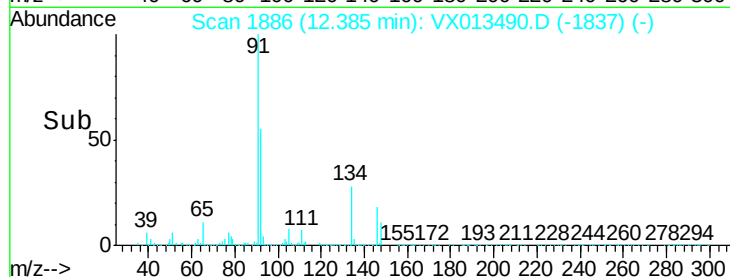
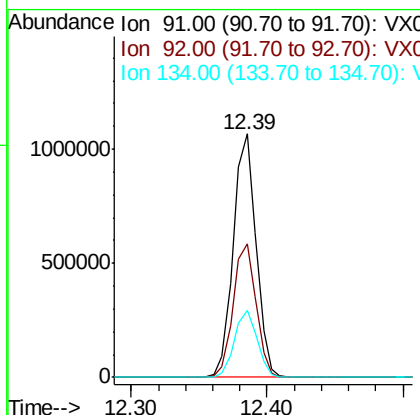
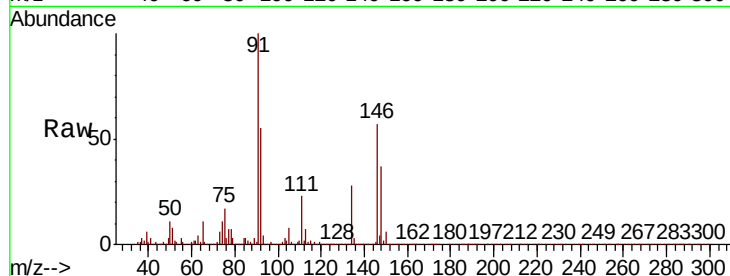
#89
n-Butylbenzene
Concen: 57.615 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.3	81.8
134	27.7	13.5	40.5

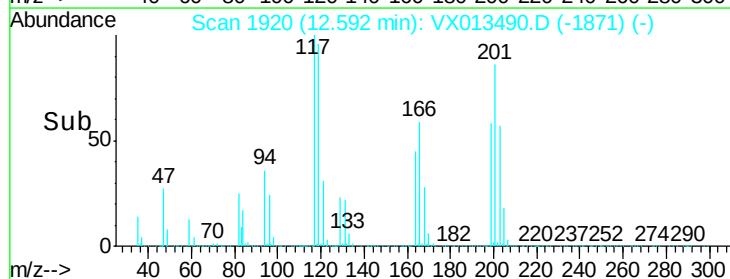
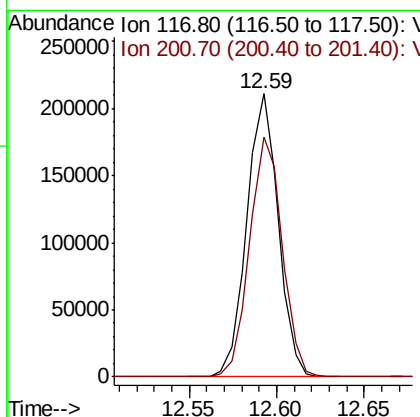
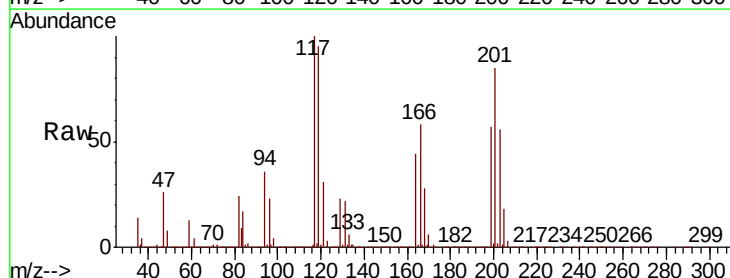
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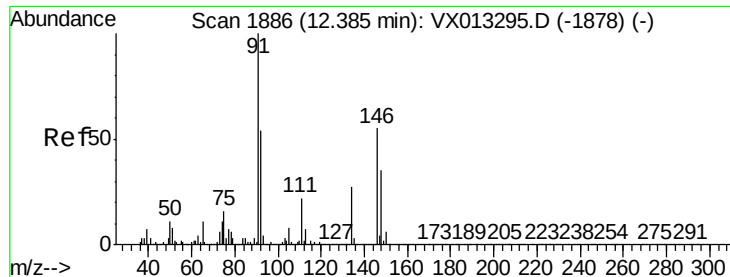
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#90
Hexachloroethane
Concen: 59.938 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013490.D
Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	43.9	131.7





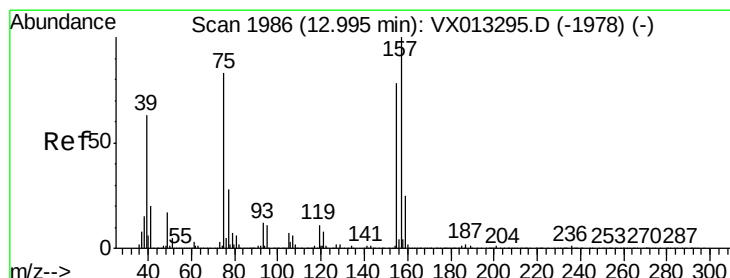
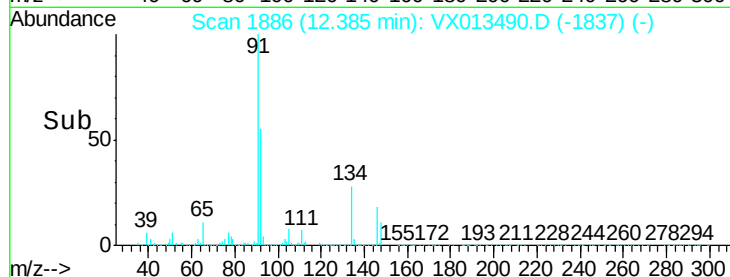
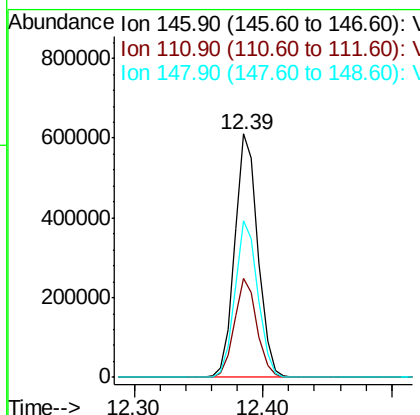
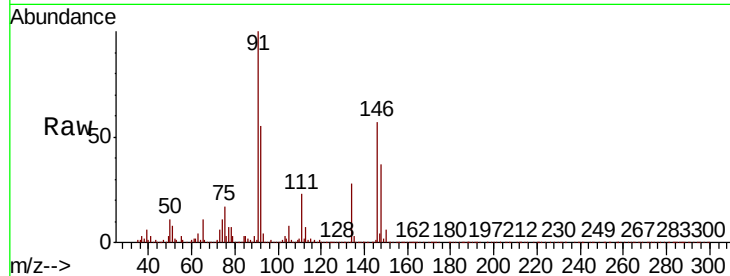
#91
 1,2-Dichlorobenzene
 Concen: 57.707 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	760945		
111	39.7	20.1	60.2	
148	63.9	32.0	96.0	

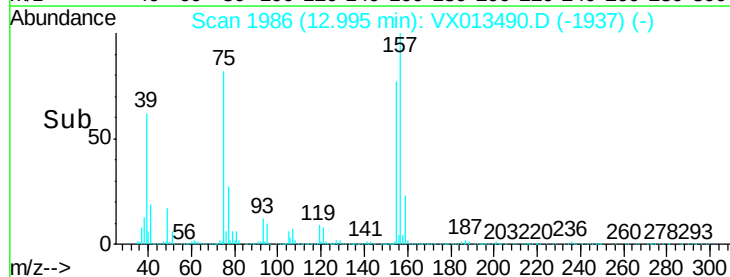
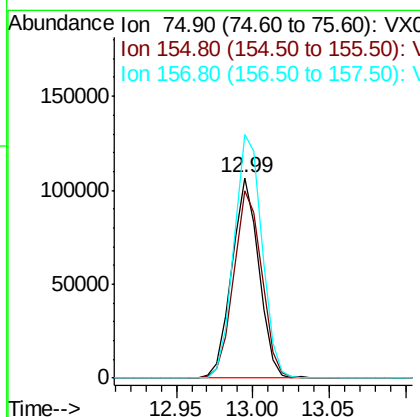
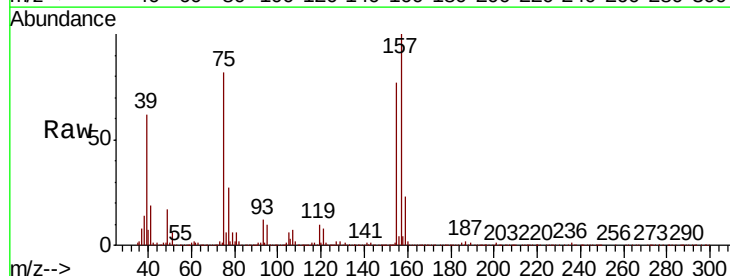
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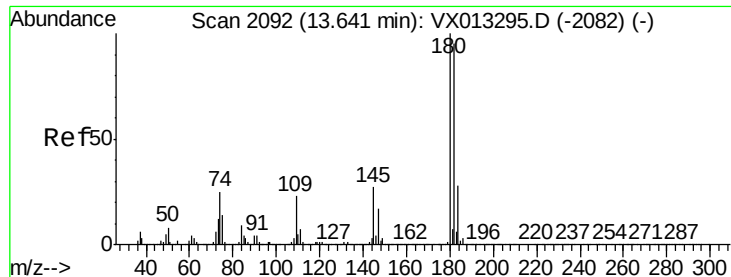
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.106 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131031		
155	96.6	47.1	141.4	
157	125.3	61.3	183.8	





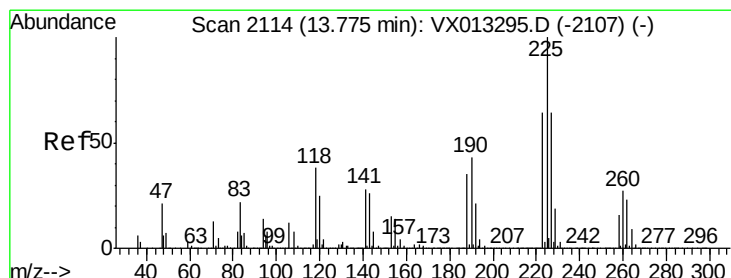
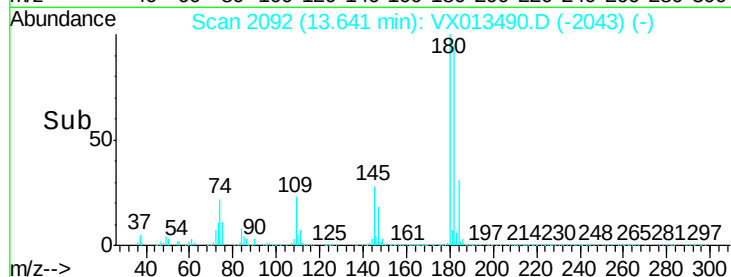
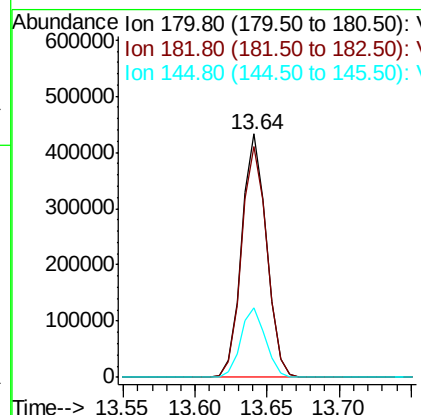
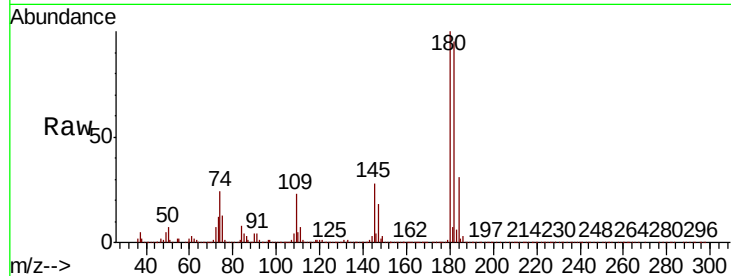
#93
 1,2,4-Trichlorobenzene
 Concen: 56.548 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	97.2	48.4	145.0
145	28.3	14.1	42.4

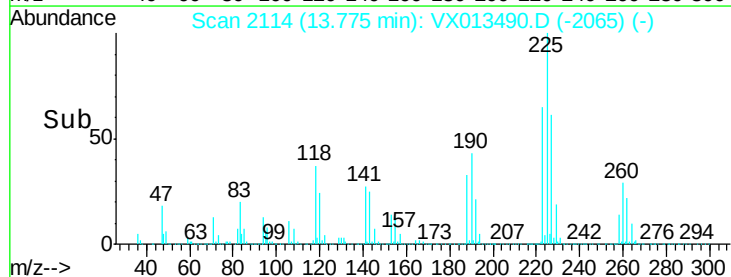
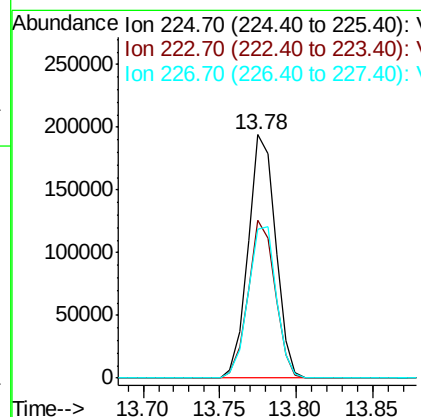
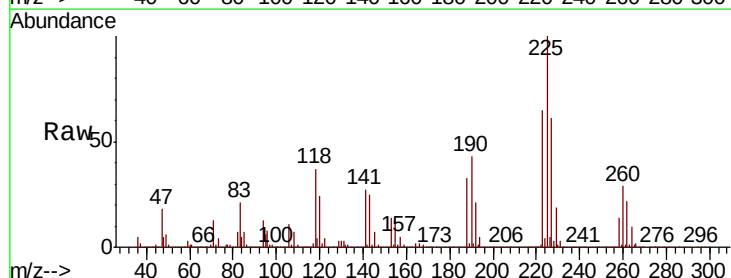
Manual Integrations
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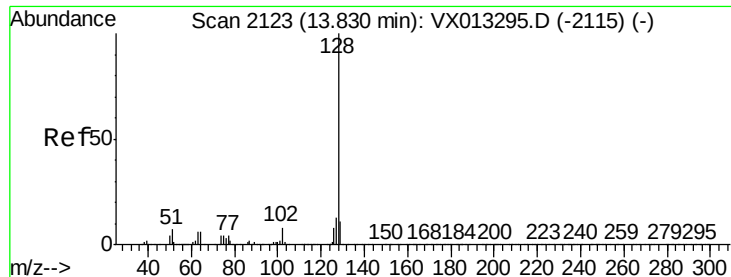
MMDadoda
 11/21/2019 9:54:38 AM



#94
 Hexachlorobutadiene
 Concen: 53.735 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013490.D
 Acq: 20 Nov 2019 20:14

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.6	31.9	95.7
227	64.0	31.9	95.9





#95

Naphthalene

Concen: 58.369 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1684449

Ion Ratio Lower Upper

128 100

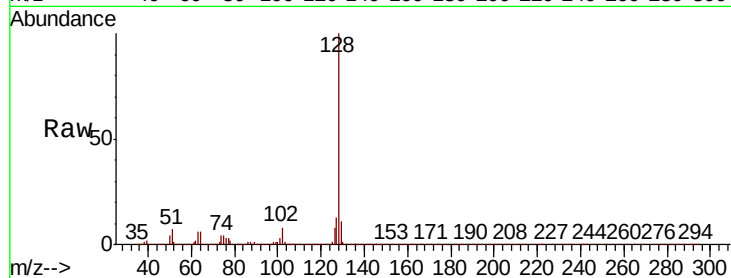
127 12.9 10.2 15.2

129 11.0 8.5 12.7

Manual Integrations
APPROVED

MMDadoda

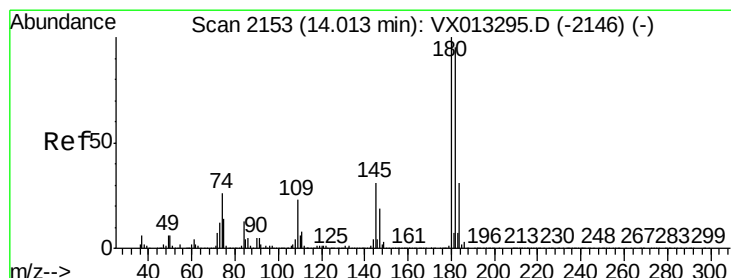
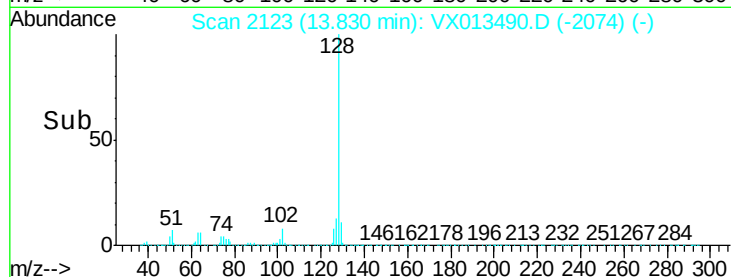
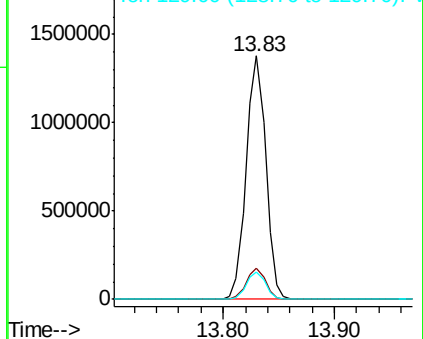
11/21/2019 9:54:38 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 58.667 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013490.D

Acq: 20 Nov 2019 20:14

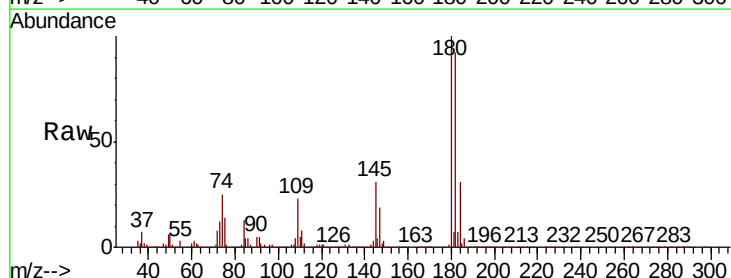
Tgt Ion:180 Resp: 541167

Ion Ratio Lower Upper

180 100

182 93.2 48.0 144.2

145 29.2 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

