

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112119\
 Data File : VX013492.D
 Acq On : 21 Nov 2019 10:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 8:44:40 AM

Quant Time: Nov 21 15:29:29 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	629346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	960738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	871866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	444475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	334538	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	5.48	113	277250	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.71	98	1015734	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
62) 4-Bromofluorobenzene	11.13	95	377962	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	297409	41.014	ug/l	99
3) Chloromethane	1.31	50	331733	42.186	ug/l	99
4) Vinyl Chloride	1.40	62	393881	43.997	ug/l	99
5) Bromomethane	1.63	94	298280	47.811	ug/l	99
6) Chloroethane	1.71	64	224141	43.647	ug/l	99
7) Trichlorofluoromethane	1.92	101	449879	42.534	ug/l	98
8) Diethyl Ether	2.18	74	227238	48.584	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	284568	48.272	ug/l	99
10) Methyl Iodide	2.50	142	333195	45.652	ug/l	97
11) Tert butyl alcohol	3.03	59	442868	225.361	ug/l	99
12) 1,1-Dichloroethene	2.36	96	270593	46.873	ug/l	97
13) Acrolein	2.28	56	220965	207.468	ug/l	98
14) Allyl chloride	2.72	41	521227	49.692	ug/l	97
15) Acrylonitrile	3.13	53	963013	262.343	ug/l	99
16) Acetone	2.43	43	827154	222.419	ug/l	99
17) Carbon Disulfide	2.56	76	655004	42.391	ug/l	99
18) Methyl Acetate	2.76	43	556875	54.239	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1066074	55.368	ug/l	97
20) Methylene Chloride	2.84	84	336220	48.932	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	296301	47.140	ug/l	98
22) Diisopropyl ether	3.84	45	1093588	54.003	ug/l	93
23) Vinyl Acetate	3.80	43	4614437	266.296	ug/l	99
24) 1,1-Dichloroethane	3.69	63	573746	50.647	ug/l	100
25) 2-Butanone	4.65	43	1366883	250.543	ug/l	99
26) 2,2-Dichloropropane	4.57	77	463665	51.450	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	366325	52.026	ug/l	99
28) Bromochloromethane	5.00	49	168465	52.376	ug/l	98
29) Tetrahydrofuran	5.11	42	871485	259.215	ug/l	100
30) Chloroform	5.20	83	580152	51.864	ug/l	97
31) Cyclohexane	5.56	56	466974	45.811	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	468850	48.704	ug/l	99
36) 1,1-Dichloropropene	5.78	75	404133	49.034	ug/l	99
37) Ethyl Acetate	4.81	43	519748	51.034	ug/l	100
38) Carbon Tetrachloride	5.77	117	402409	49.929	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	492071	47.915	ug/l	99
40) Benzene	6.13	78	1276291	49.712	ug/l	99
41) Methacrylonitrile	5.02	41	293360	51.392	ug/l	97
42) 1,2-Dichloroethane	6.18	62	478620	51.684	ug/l	99
43) Isopropyl Acetate	6.43	43	863980	54.480	ug/l	99
44) Trichloroethene	7.20	130	346435	49.022	ug/l	97
45) 1,2-Dichloropropane	7.50	63	348577	53.287	ug/l	99
46) Dibromomethane	7.65	93	231701	51.877	ug/l	97
47) Bromodichloromethane	7.89	83	463134	54.990	ug/l	97
48) Methyl methacrylate	7.76	41	430244	54.349	ug/l	98
49) 1,4-Dioxane	7.73	88	165371	912.178	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2717674	261.197	ug/l	99
52) Toluene	8.78	92	810449	50.933	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	523669	56.861	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	575858	55.898	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	363595	55.128	ug/l	98
56) Ethyl methacrylate	9.17	69	585864	51.968	ug/l	97
57) 1,3-Dichloropropane	9.36	76	594766	53.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1177470	261.101	ug/l	99
59) 2-Hexanone	9.48	43	2071877	257.680	ug/l	98
60) Dibromochloromethane	9.57	129	382511	56.708	ug/l	100
61) 1,2-Dibromoethane	9.67	107	367291	52.444	ug/l	98
64) Tetrachloroethene	9.33	164	302243	48.425	ug/l	97
65) Chlorobenzene	10.14	112	903872	51.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	346604	53.479	ug/l	99
67) Ethyl Benzene	10.25	91	1542400	50.630	ug/l	98
68) m/p-Xylenes	10.35	106	1185932	102.934	ug/l	100
69) o-Xylene	10.70	106	588898	52.208	ug/l	99
70) Styrene	10.71	104	1031268	54.693	ug/l	98
71) Bromoform	10.85	173	306149	50.885	ug/l #	99
73) Isopropylbenzene	11.01	105	1540702	52.282	ug/l	99
74) N-amyl acetate	10.89	43	771110	56.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	574484	53.436	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	456058m	50.517	ug/l	
77) Bromobenzene	11.25	156	417521	53.146	ug/l	98
78) n-propylbenzene	11.35	91	1744525	53.143	ug/l	99
79) 2-Chlorotoluene	11.42	91	1041874	52.678	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1300854	52.996	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	197294	56.251	ug/l	95
82) 4-Chlorotoluene	11.51	91	1208517	52.199	ug/l	100
83) tert-Butylbenzene	11.76	119	1334553	54.010	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1324978	53.809	ug/l	98
85) sec-Butylbenzene	11.94	105	1496757	52.706	ug/l	98
86) p-Isopropyltoluene	12.06	119	1405292	53.740	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	734597	52.457	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	740409	51.894	ug/l	99
89) n-Butylbenzene	12.39	91	1216251	53.303	ug/l	99
90) Hexachloroethane	12.59	117	253535	54.416	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	751510	53.687	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128210	48.949	ug/l	97

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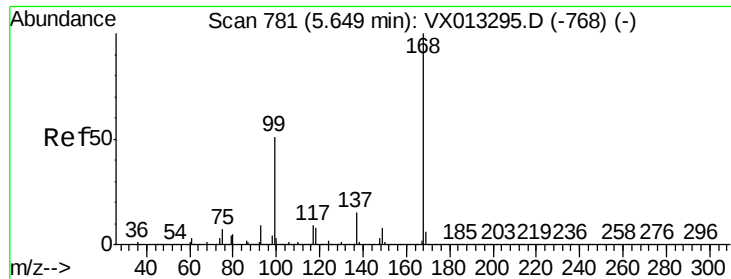
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	535399	54.832	ug/l	98
94) Hexachlorobutadiene	13.78	225	245741	51.442	ug/l	100
95) Naphthalene	13.83	128	1669848	54.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	535811	54.717	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 629346

Ion Ratio Lower Upper

168 100

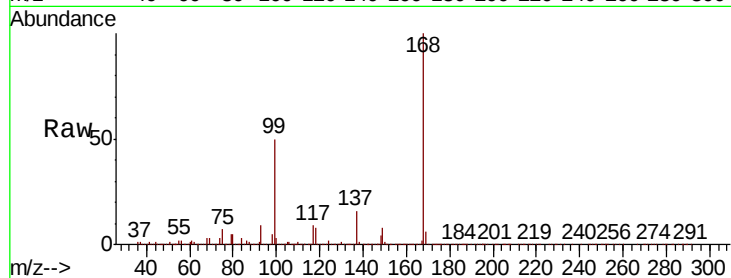
99 49.9 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

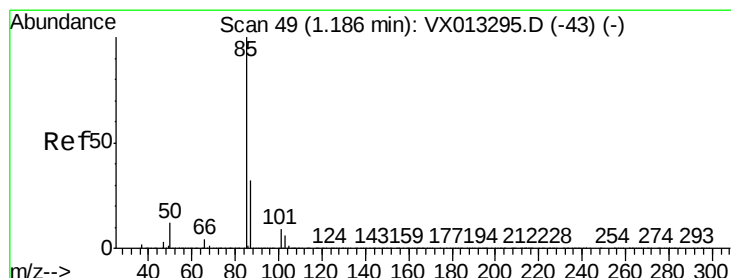
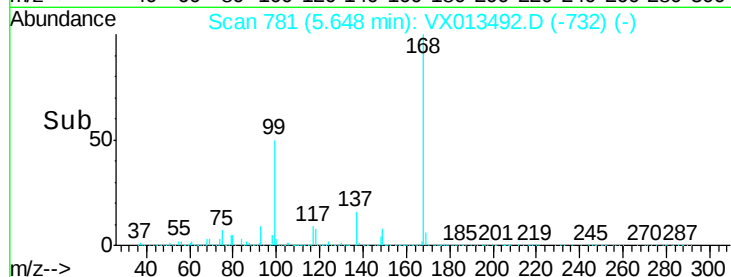
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.014 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013492.D

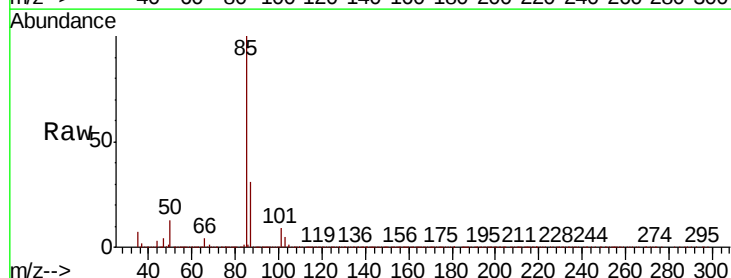
Acq: 21 Nov 2019 10:33

Tgt Ion: 85 Resp: 297409

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

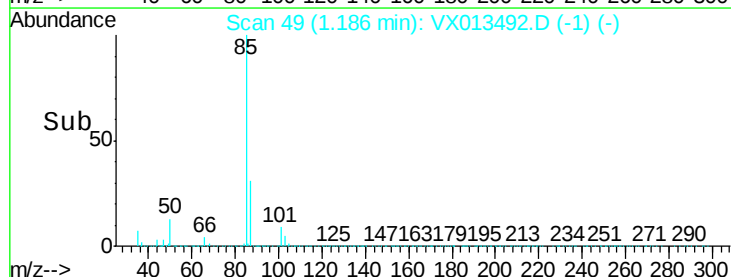
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 42.186 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 331733

Ion Ratio Lower Upper

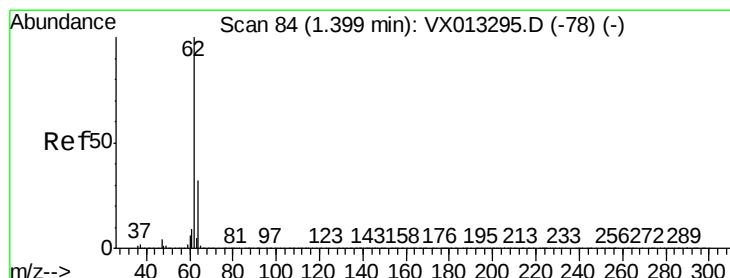
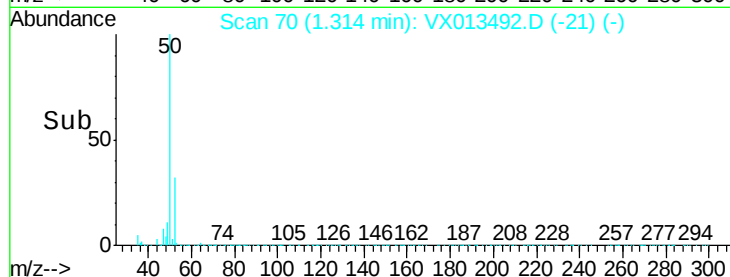
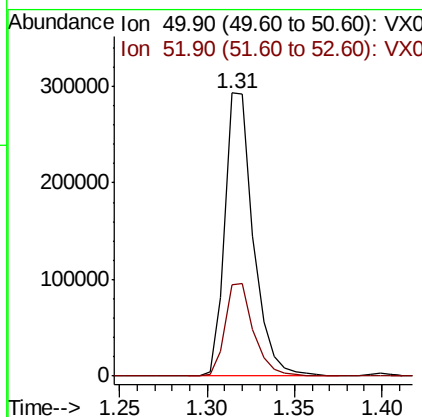
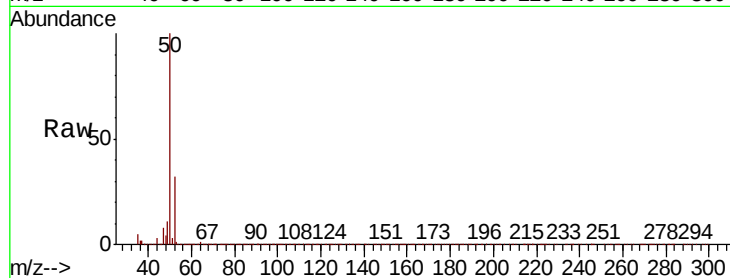
50 100

52 32.2 25.5 38.3

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#4

Vinyl Chloride

Concen: 43.997 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013492.D

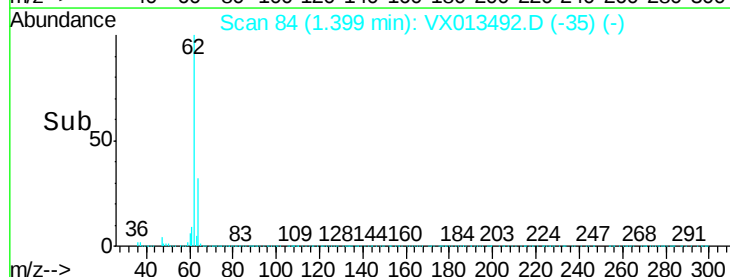
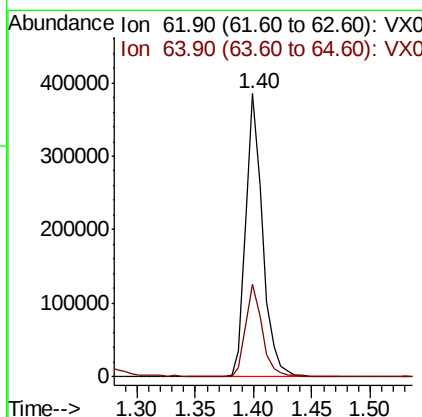
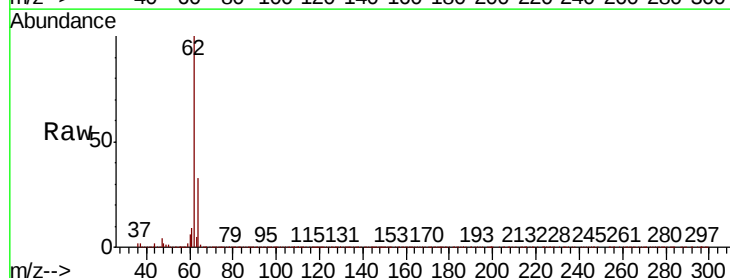
Acq: 21 Nov 2019 10:33

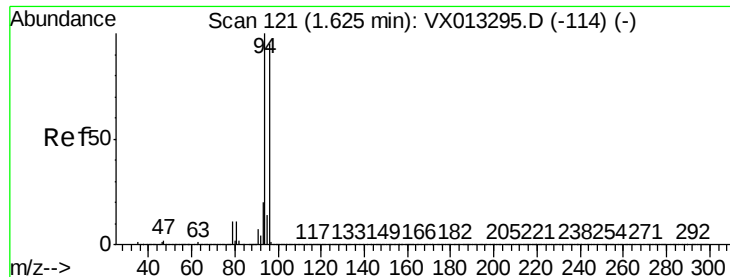
Tgt Ion: 62 Resp: 393881

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 47.811 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 298280

Ion Ratio Lower Upper

94 100

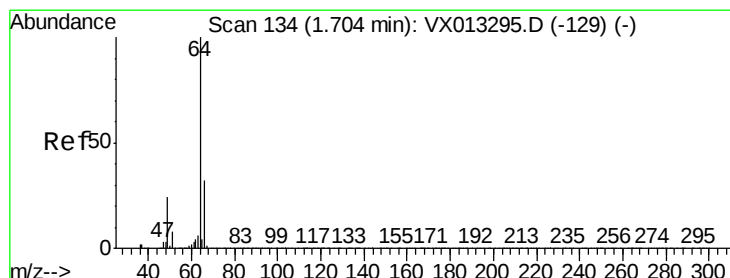
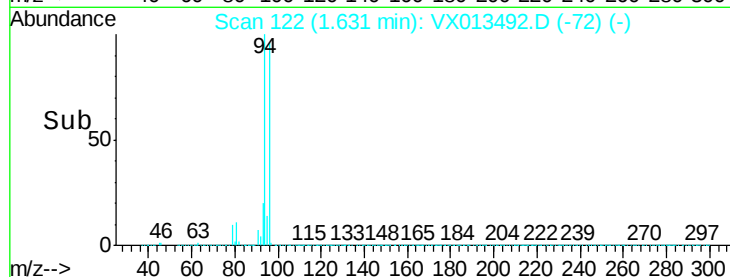
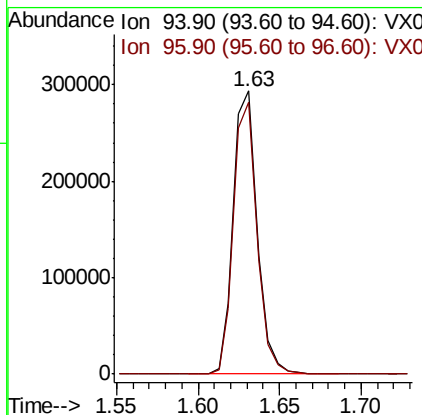
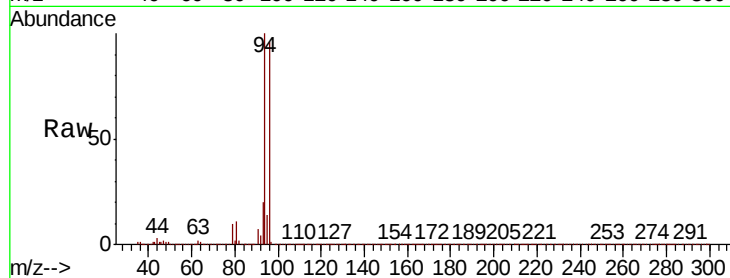
96 95.8 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 43.647 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013492.D

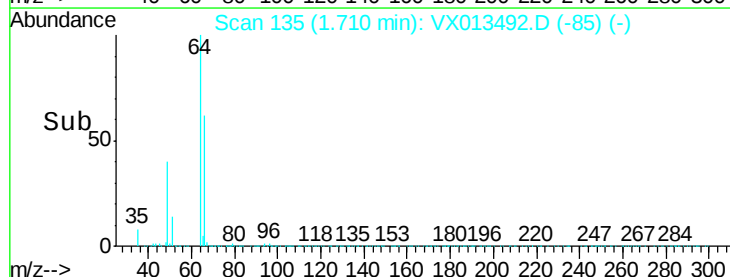
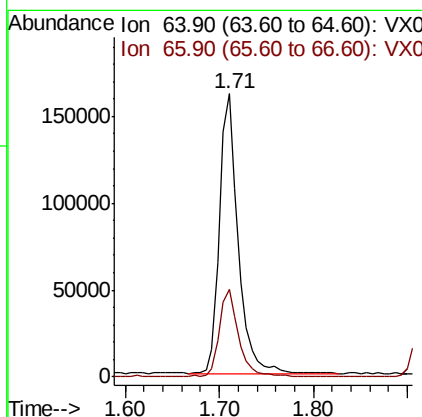
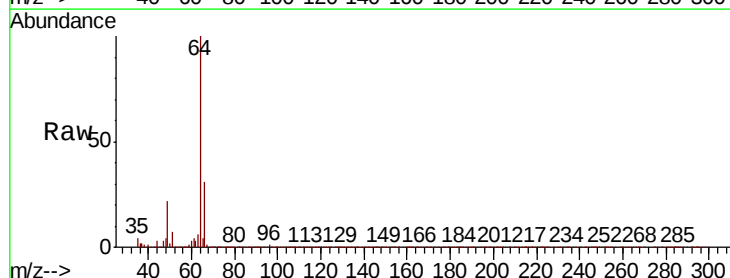
Acq: 21 Nov 2019 10:33

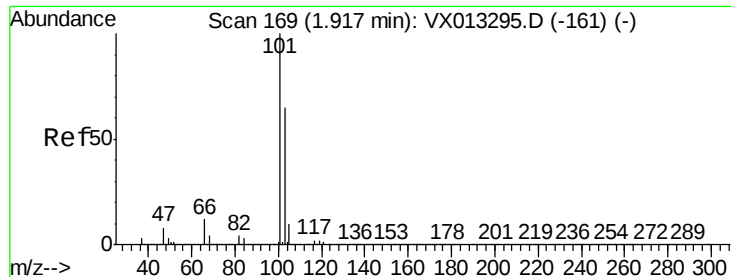
Tgt Ion: 64 Resp: 224141

Ion Ratio Lower Upper

64 100

66 31.2 25.6 38.4





#7

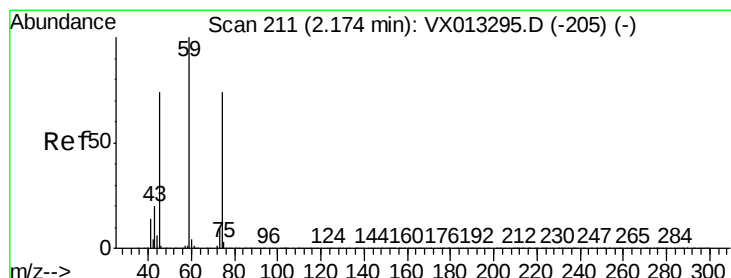
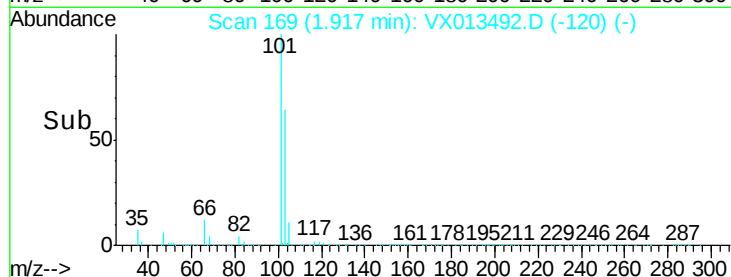
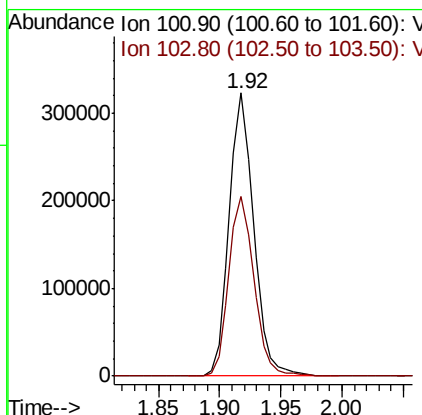
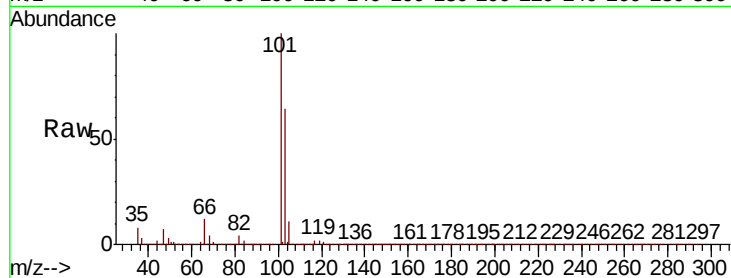
Trichlorofluoromethane
Concen: 42.534 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.3	78.5

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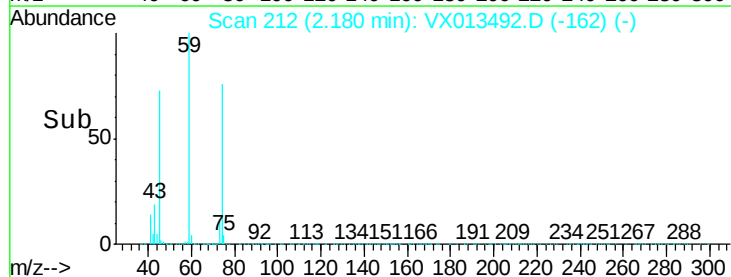
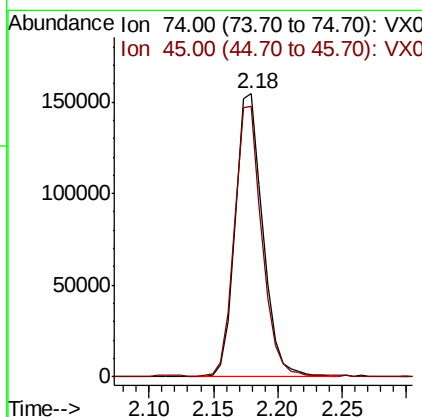
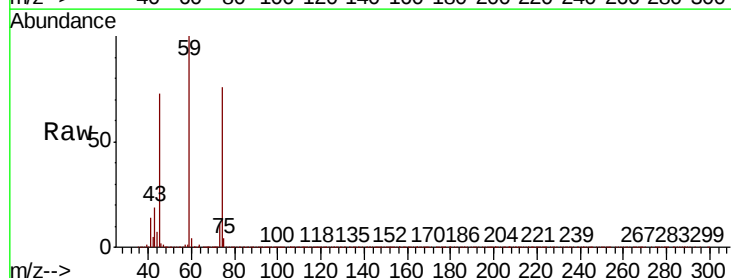
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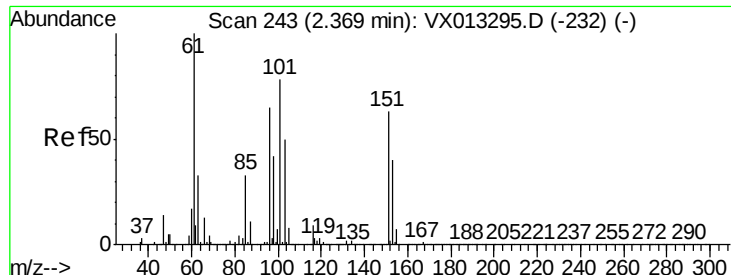


#8

Diethyl Ether
Concen: 48.584 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.272 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

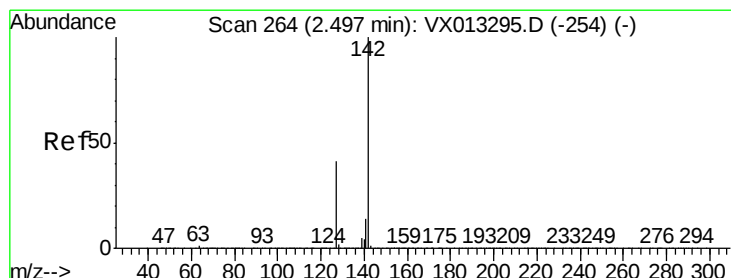
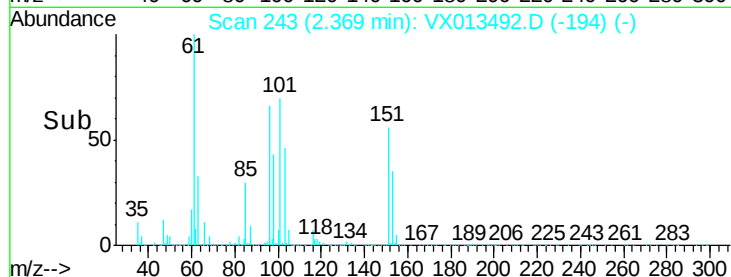
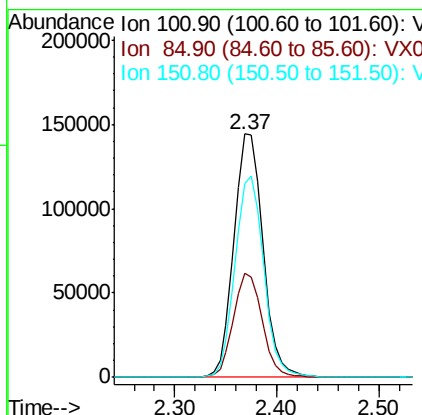
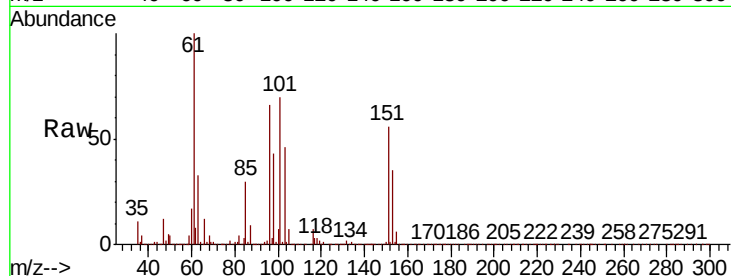
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	284568
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	81.9	66.4	99.6

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#10

Methyl Iodide

Concen: 45.652 ug/l

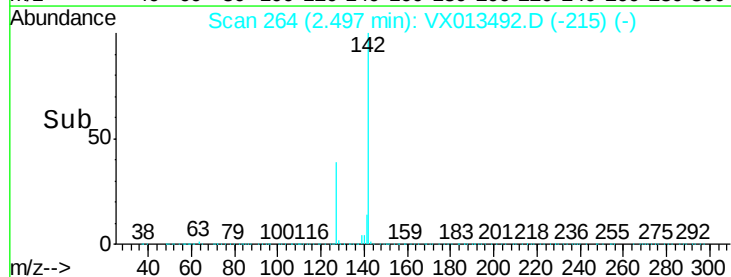
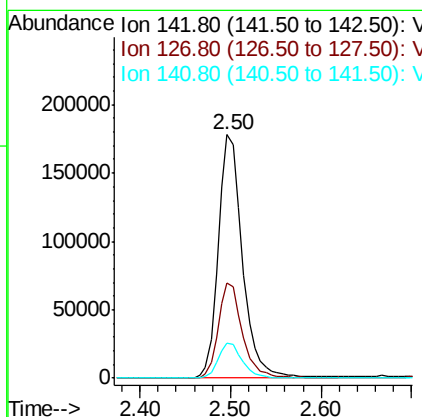
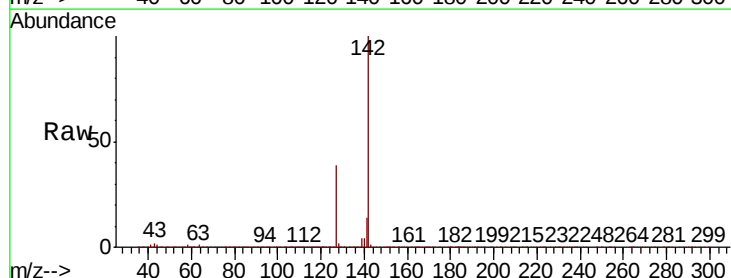
RT: 2.50 min Scan# 264

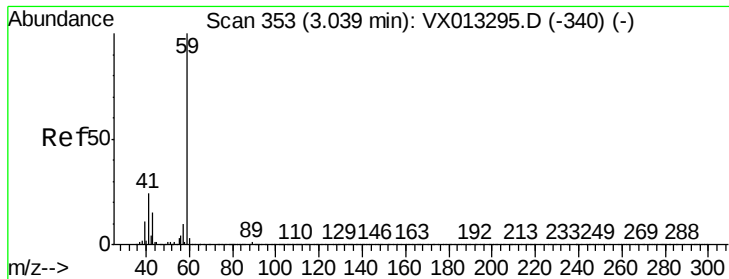
Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion:	142	Resp:	333195
Ion Ratio	Lower	Upper	
142	100		
127	38.7	32.6	49.0
141	14.3	11.6	17.4





#11

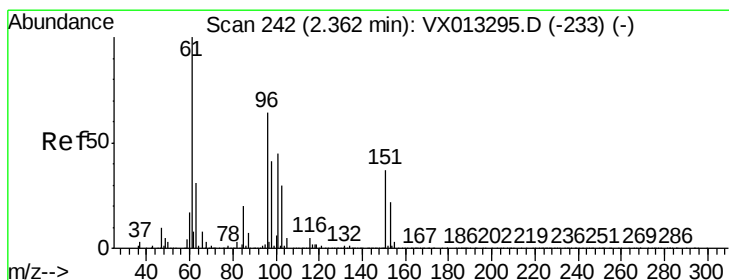
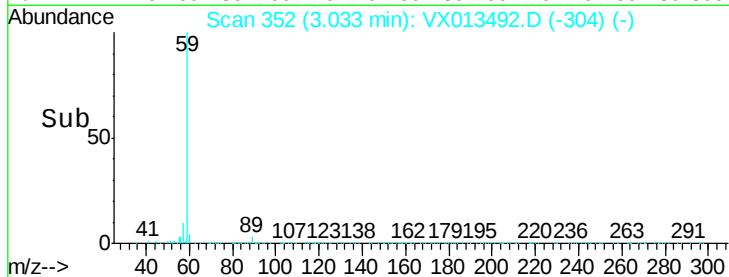
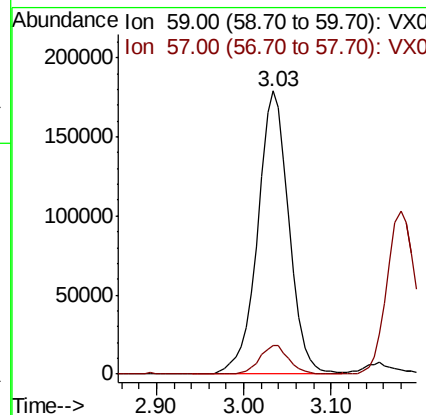
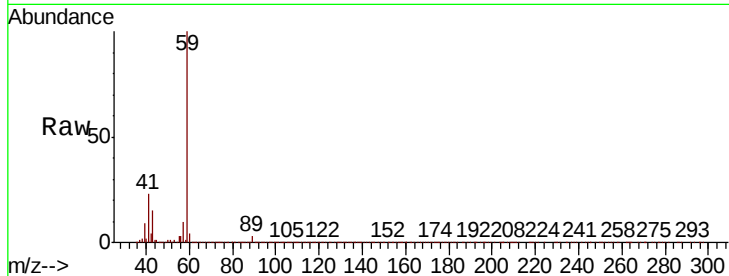
Tert butyl alcohol
Concen: 225.361 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.0	12.0

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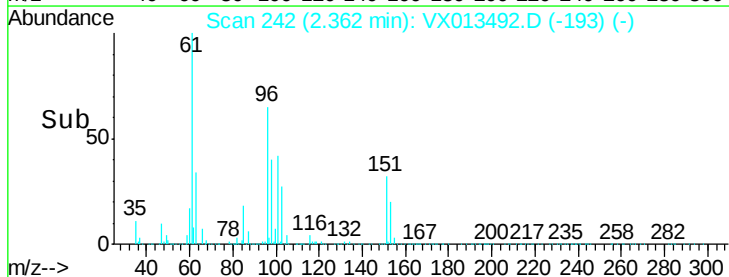
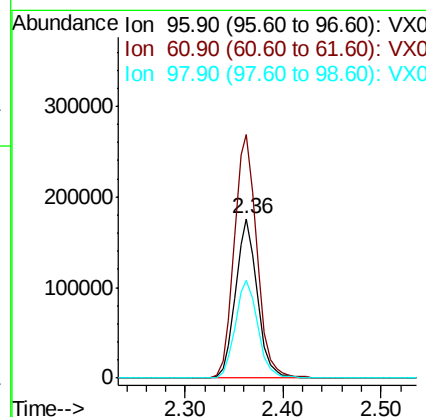
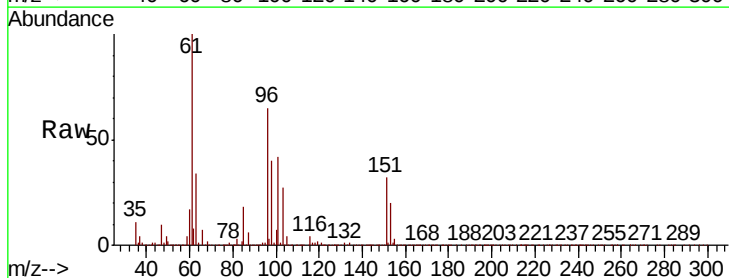
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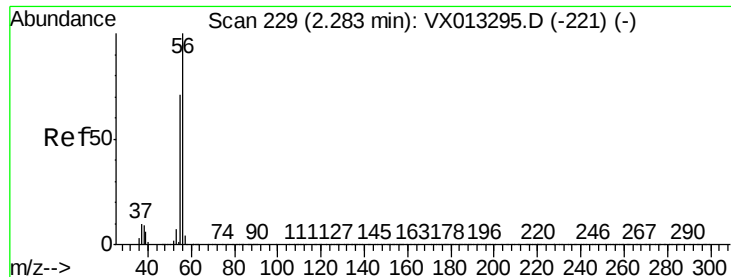


#12

1,1-Dichloroethene
Concen: 46.873 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.7	125.0	187.6
98	61.0	50.7	76.1





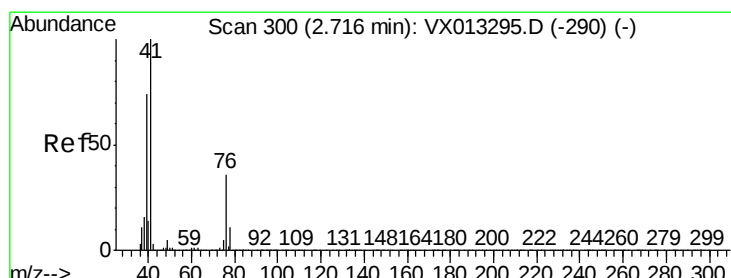
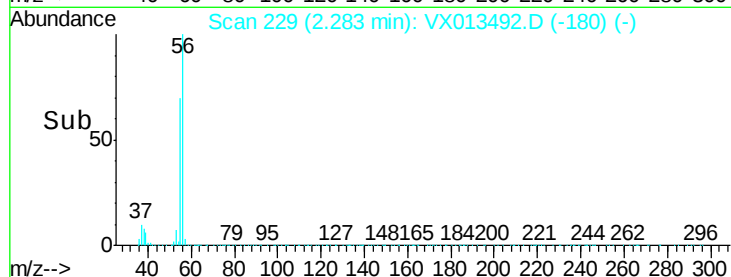
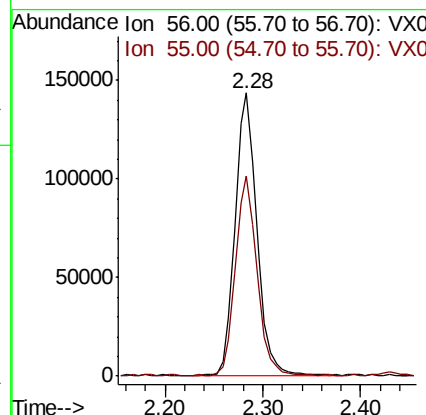
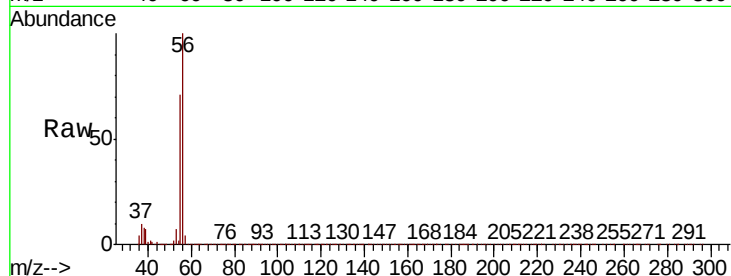
#13
Acrolein
Concen: 207.468 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.8	57.4	86.0	

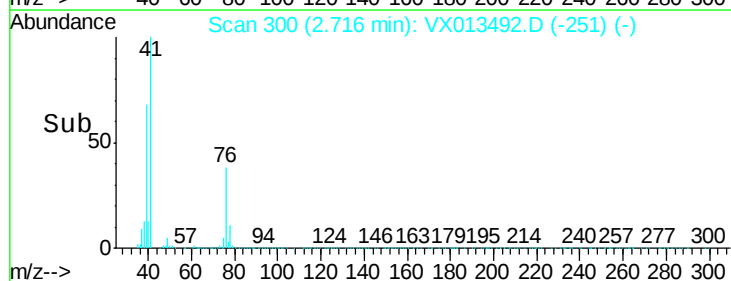
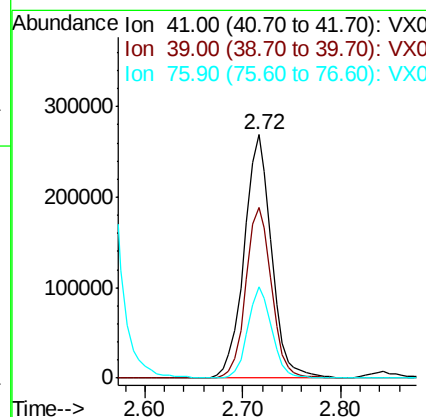
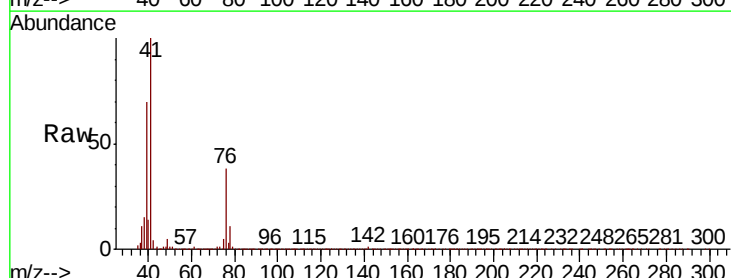
Manual Integrations
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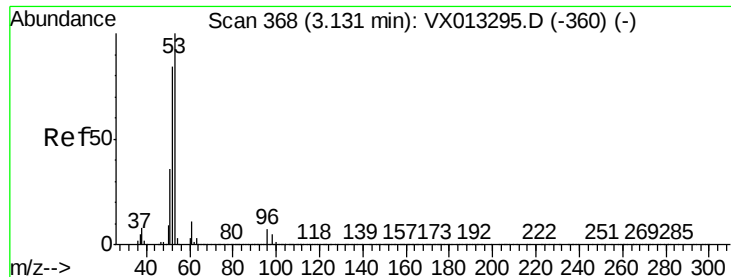
MMDadoda
11/22/2019 8:44:40 AM



#14
Allyl chloride
Concen: 49.692 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	66.1	55.8	83.8	
76	32.9	26.4	39.6	





#15

Acrylonitrile

Concen: 262.343 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

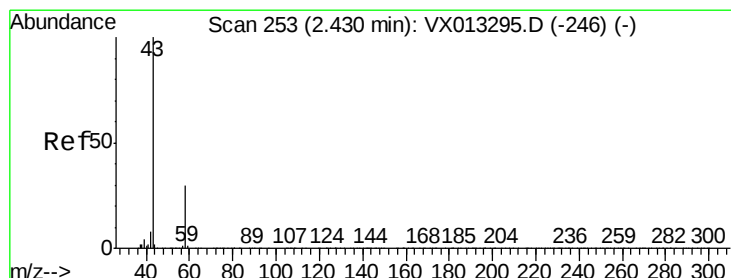
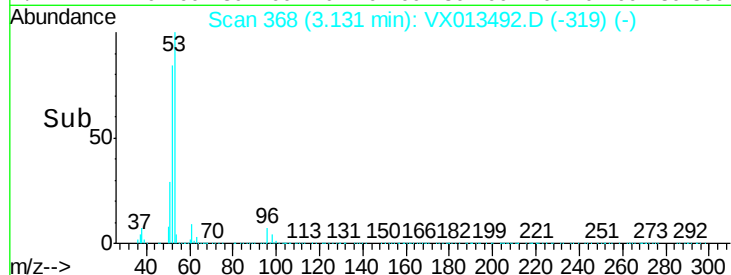
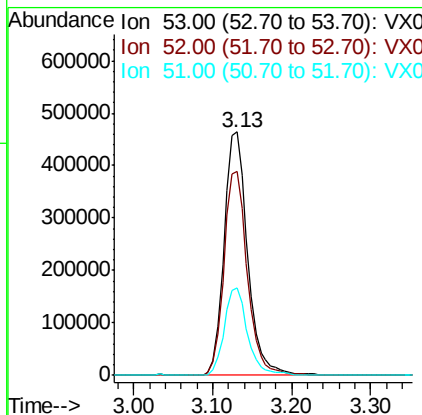
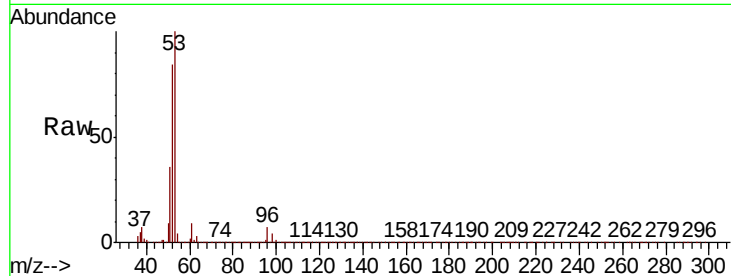
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	963013
Ion Ratio		Lower	Upper
53	100		
52	83.6	67.4	101.0
51	35.7	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 222.419 ug/l

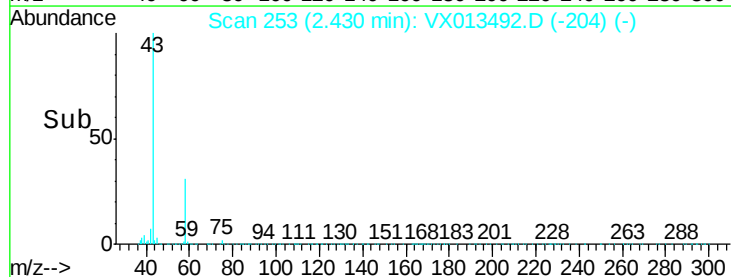
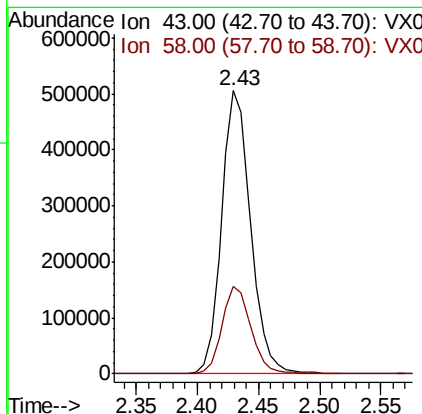
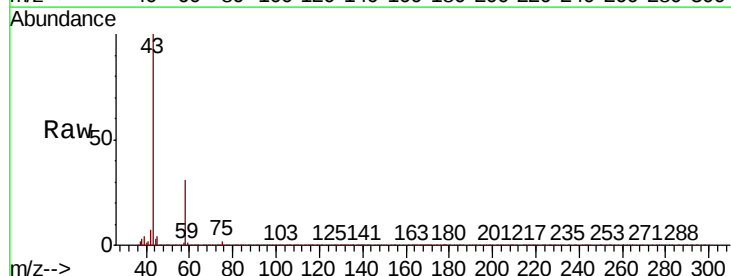
RT: 2.43 min Scan# 253

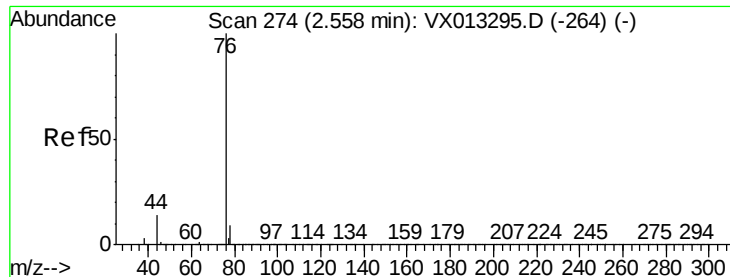
Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion:	43	Resp:	827154
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.3	36.5





#17

Carbon Disulfide

Concen: 42.391 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 655004

Ion Ratio Lower Upper

76 100

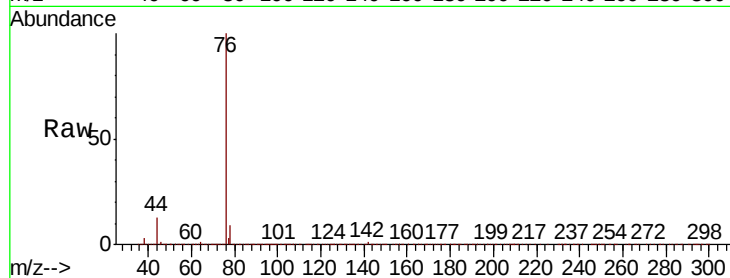
78 9.0 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

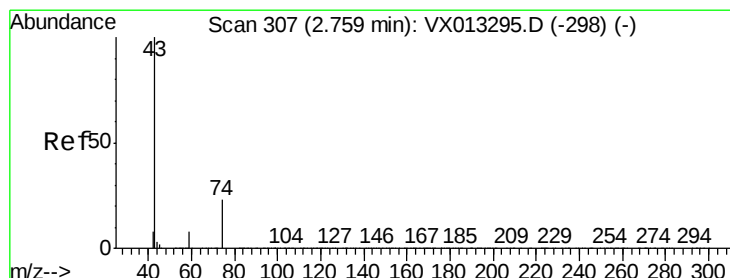
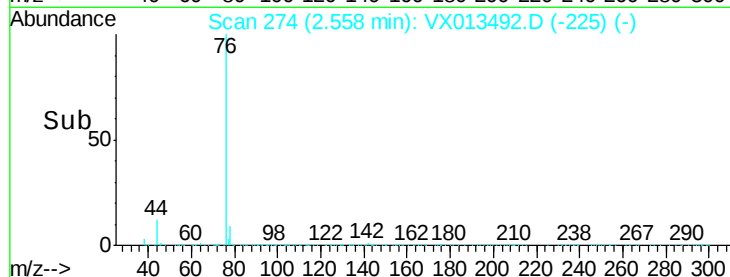
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 54.239 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013492.D

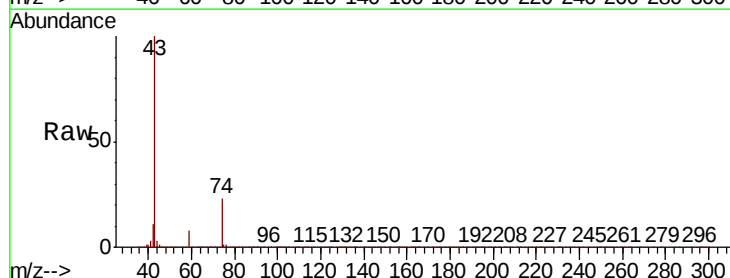
Acq: 21 Nov 2019 10:33

Tgt Ion: 43 Resp: 556875

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

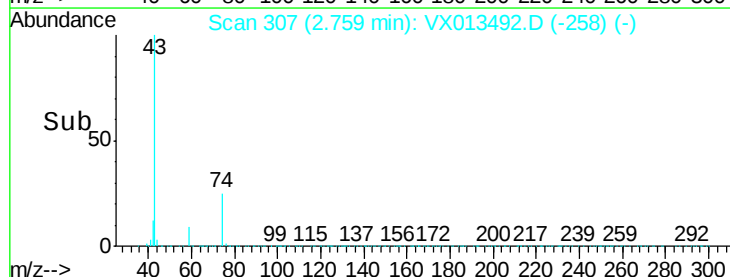
300000

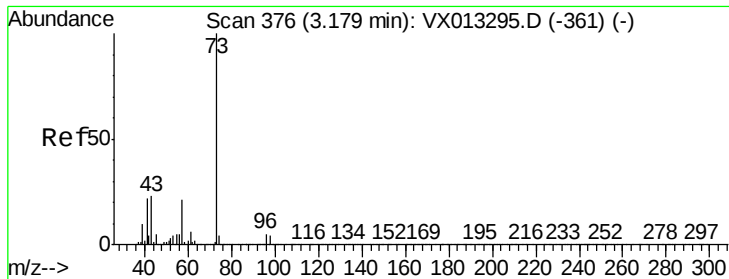
200000

100000

0

Time-->





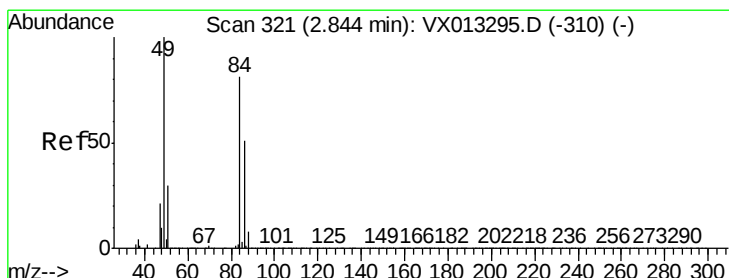
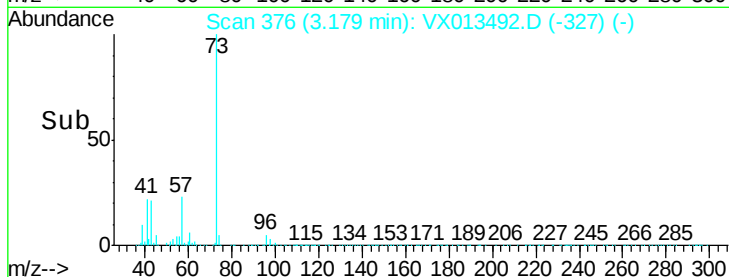
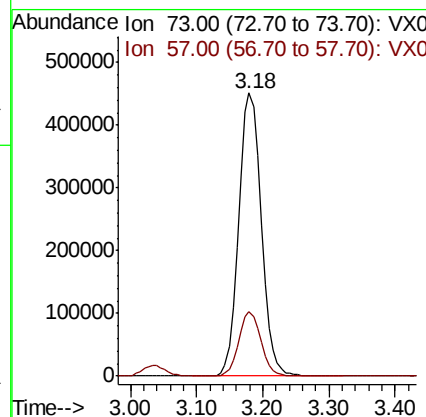
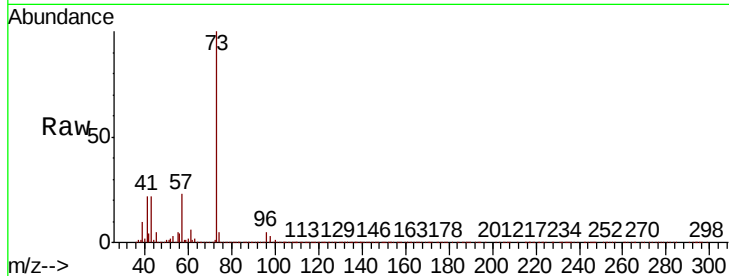
#19
Methvl tert-butvl Ether
Concen: 55.368 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1066074
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7

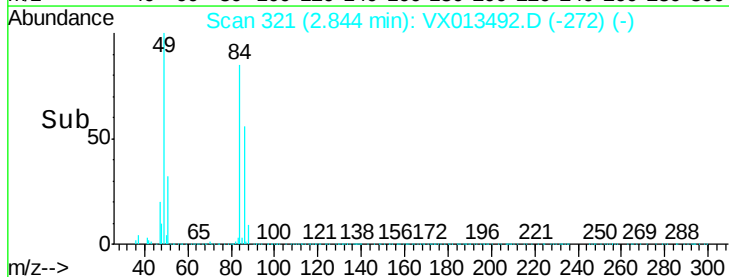
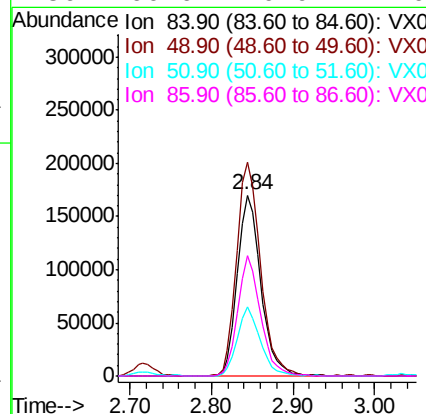
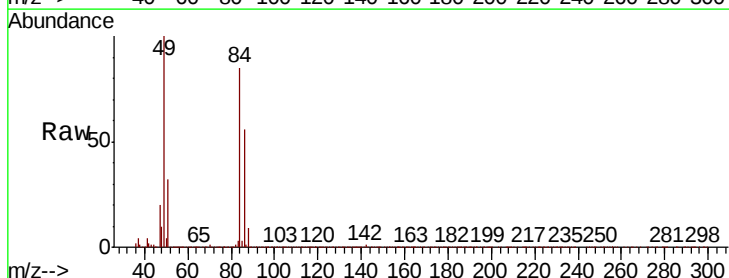
Manual Integrations
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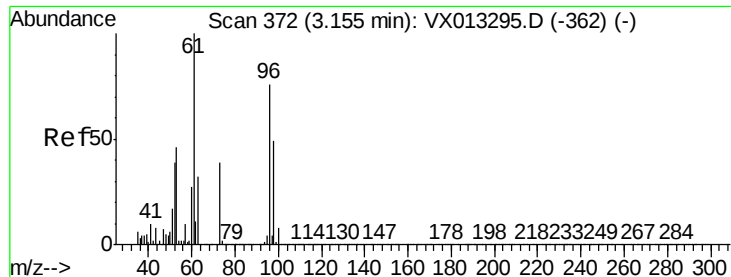
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#20
Methylene Chloride
Concen: 48.932 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion: 84 Resp: 336220
Ion Ratio Lower Upper
84 100
49 118.2 98.2 147.4
51 37.9 29.9 44.9
86 66.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.140 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

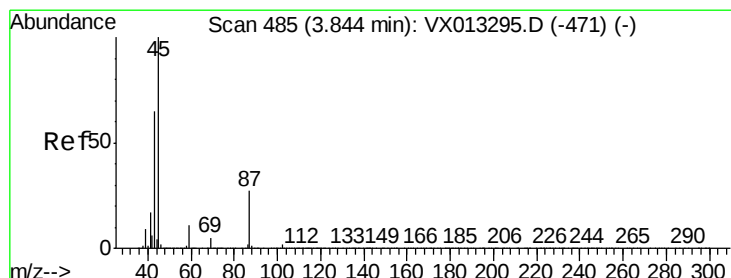
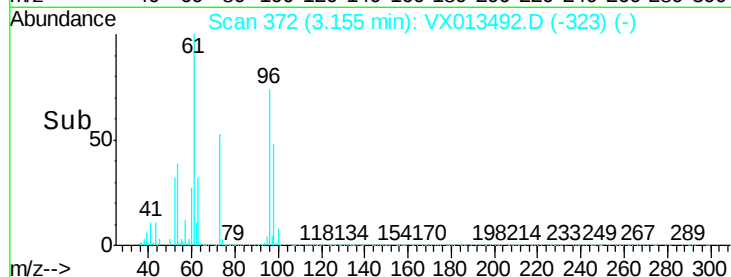
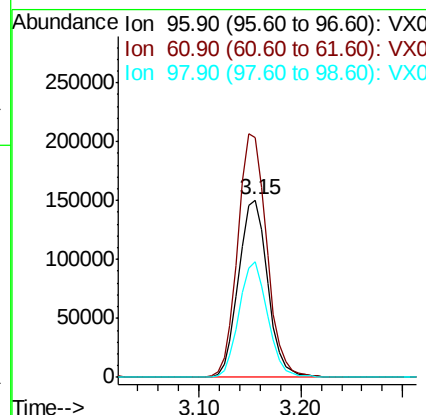
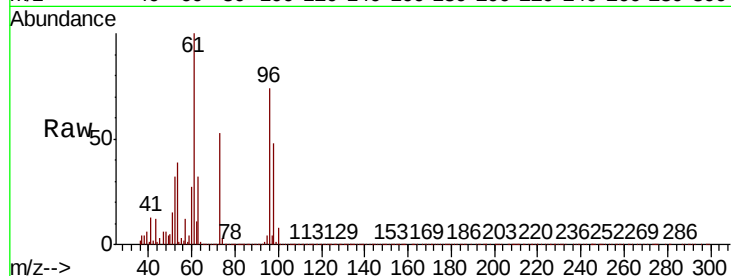
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	296301
Ion	Ratio	Lower	Upper
96	100		
61	135.1	105.8	158.6
98	64.7	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.003 ug/l

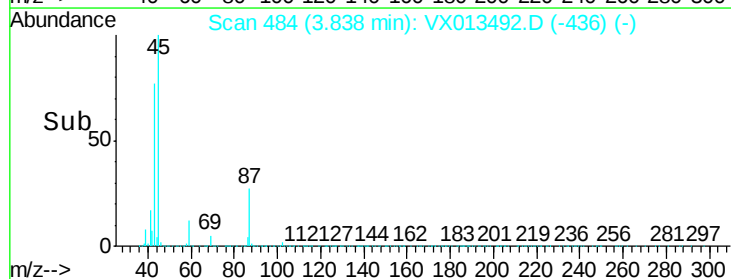
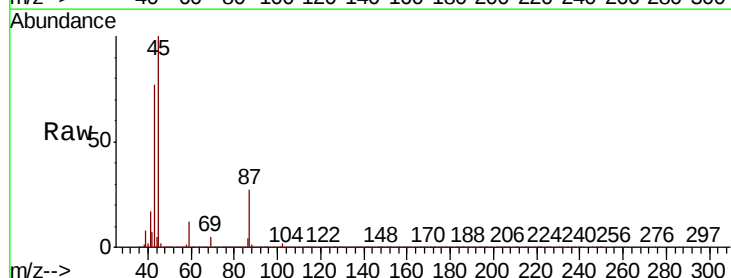
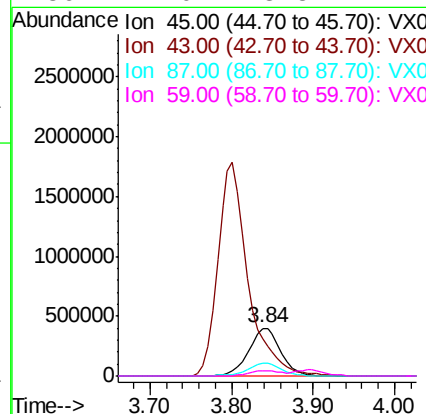
RT: 3.84 min Scan# 484

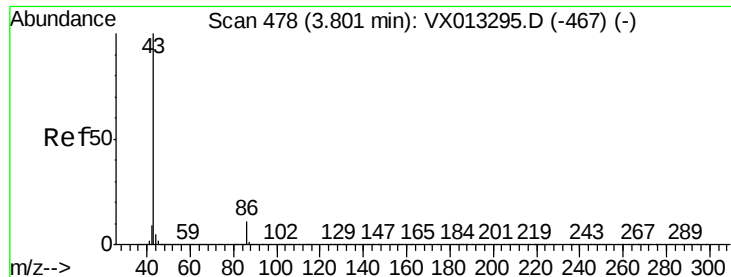
Delta R.T. -0.01 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion:	45	Resp:	1093588
Ion	Ratio	Lower	Upper
45	100		
43	76.0	54.2	81.2
87	26.9	21.8	32.8
59	12.0	8.5	12.7





#23

Vinyl Acetate

Concen: 266.296 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4614437

Ion Ratio Lower Upper

43 100

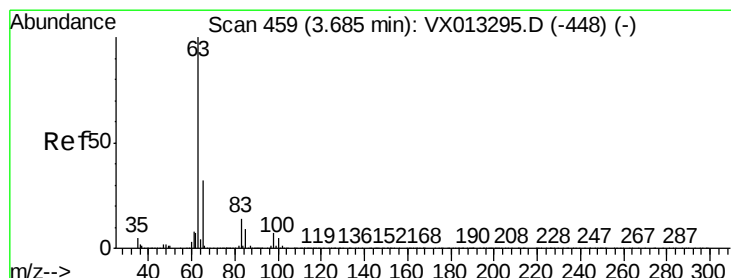
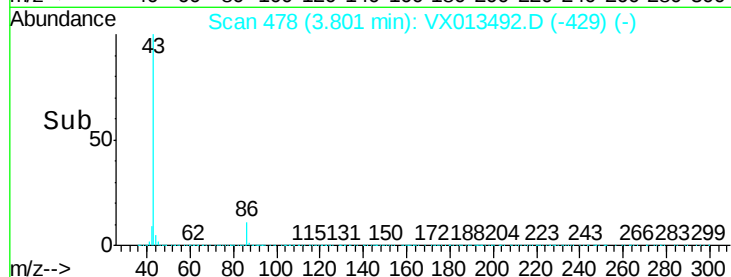
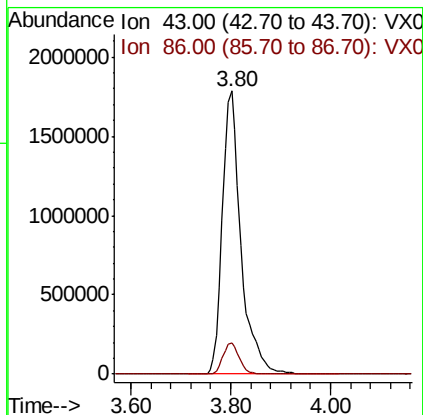
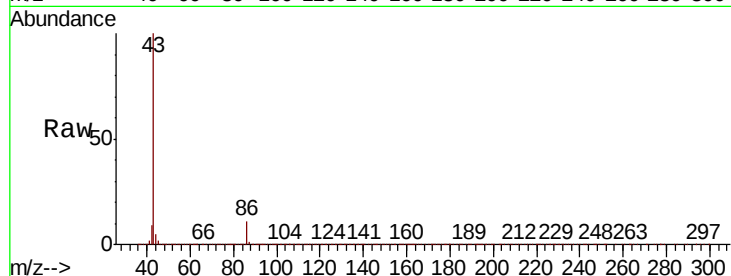
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 50.647 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

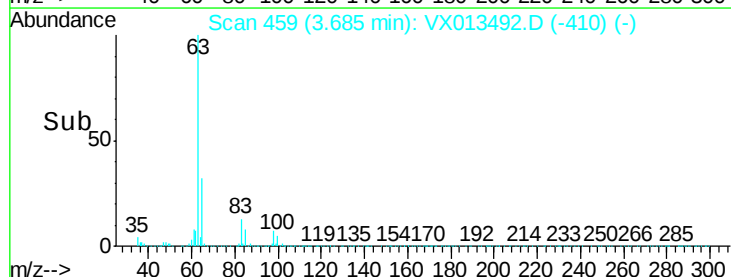
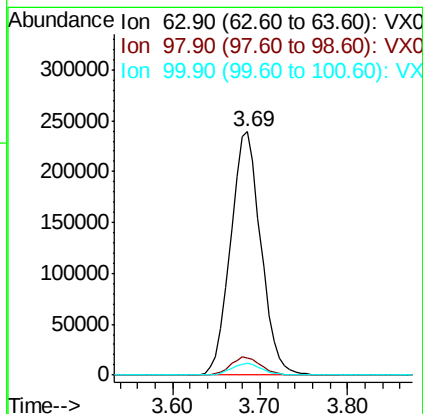
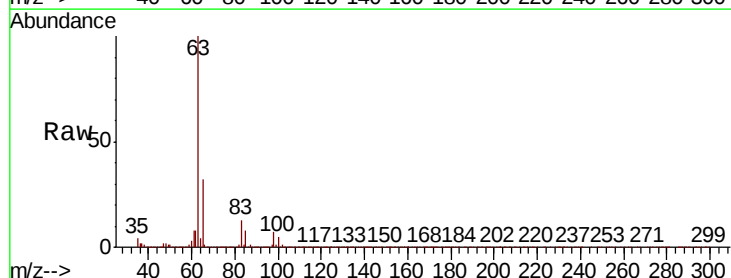
Tgt Ion: 63 Resp: 573746

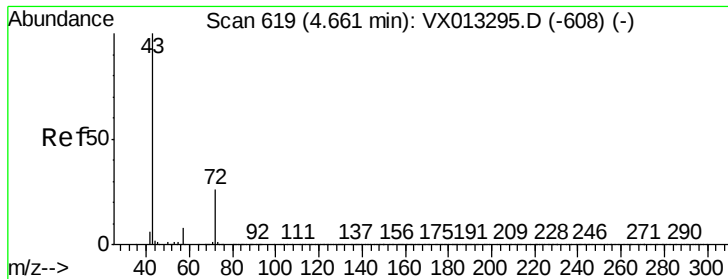
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 250.543 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1366883

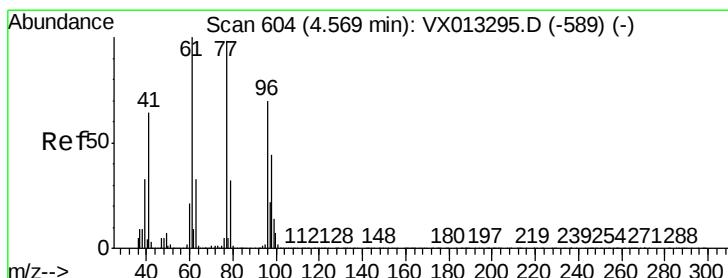
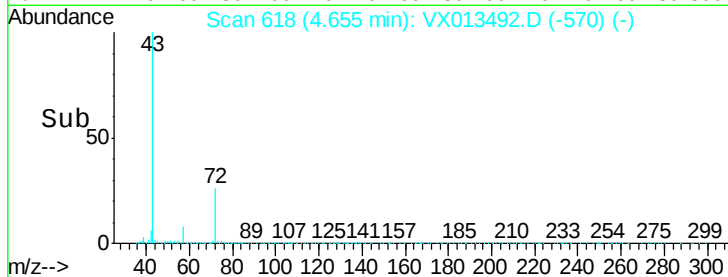
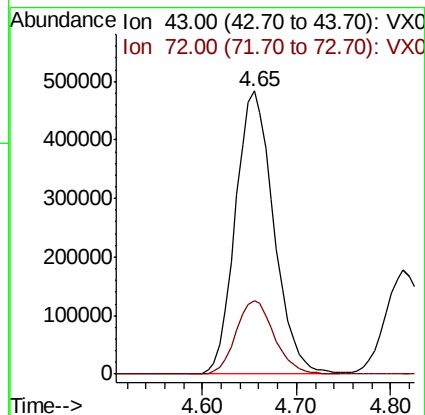
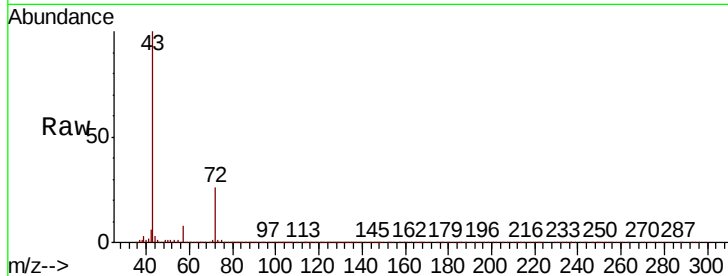
Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 51.450 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013492.D

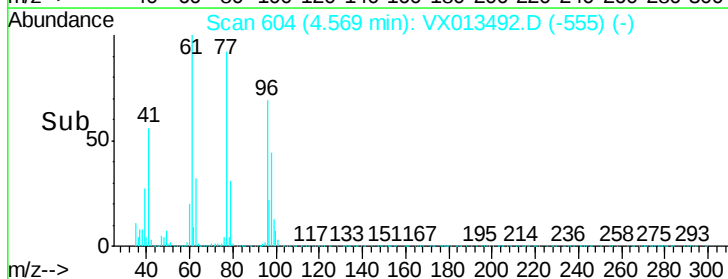
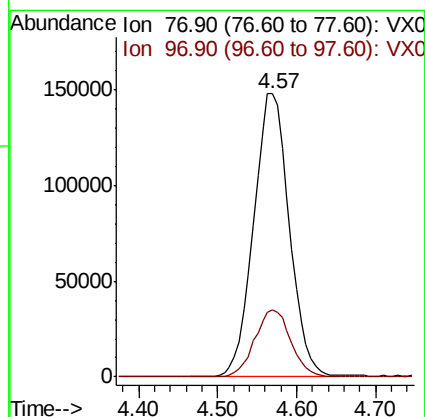
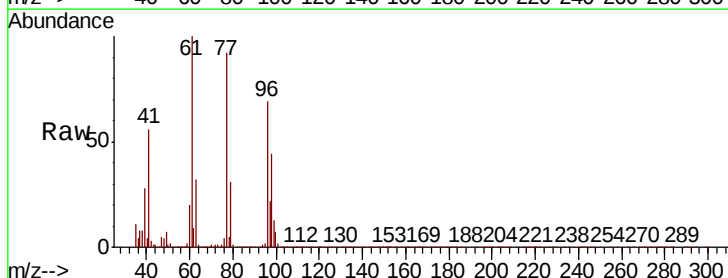
Acq: 21 Nov 2019 10:33

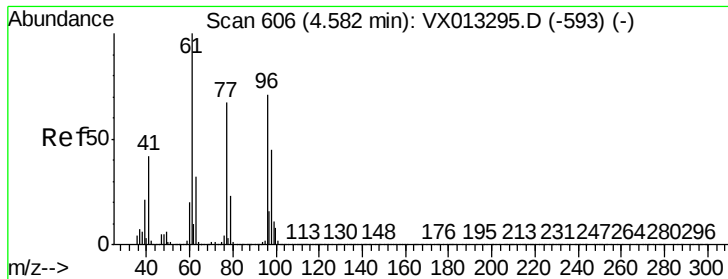
Tgt Ion: 77 Resp: 463665

Ion Ratio Lower Upper

77 100

97 24.1 11.3 33.8





#27

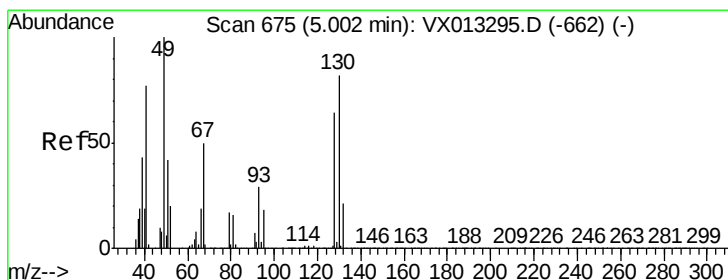
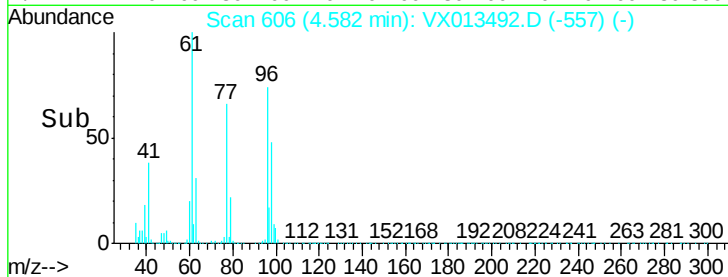
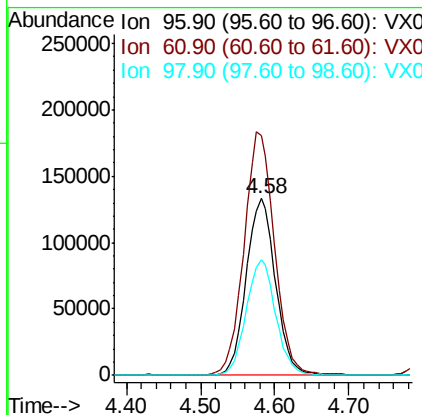
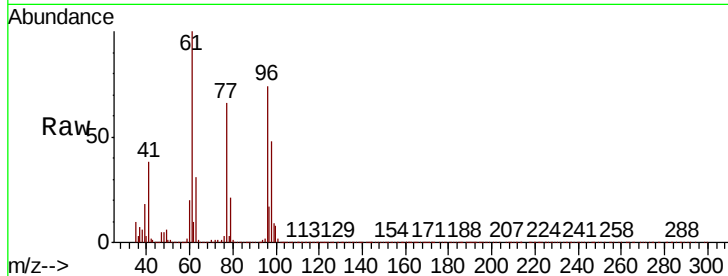
cis-1,2-Dichloroethene
Concen: 52.026 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	366325		
61	143.0	0.0	288.0	
98	65.4	0.0	129.6	

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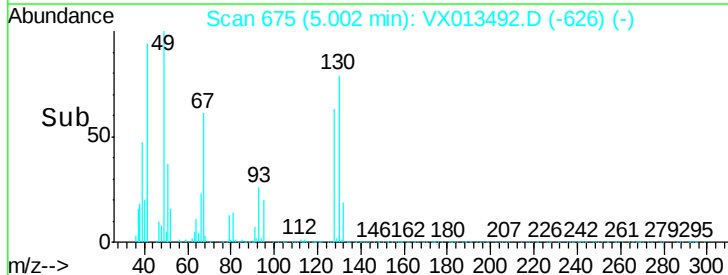
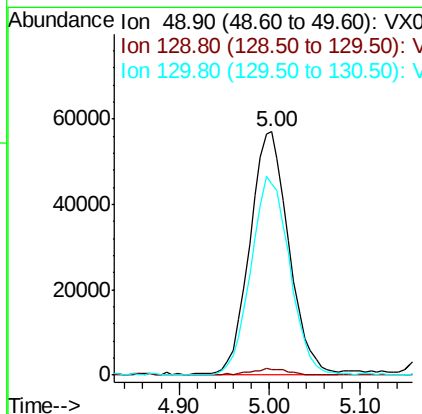
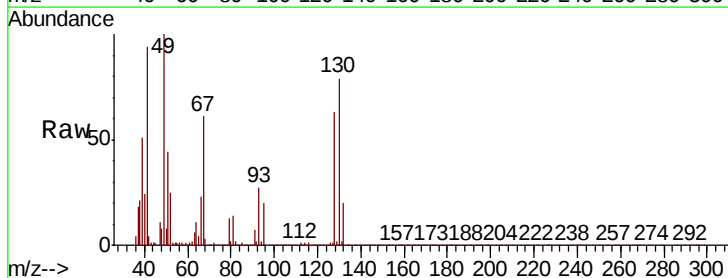
MMDadoda
11/22/2019 8:44:40 AM

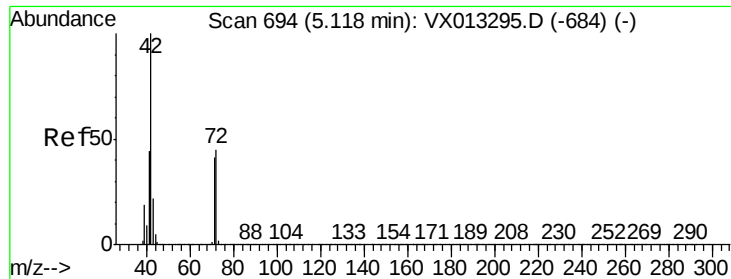


#28

Bromochloromethane
Concen: 52.376 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	168465		
129	2.3	0.0	5.2	
130	81.1	63.8	95.6	





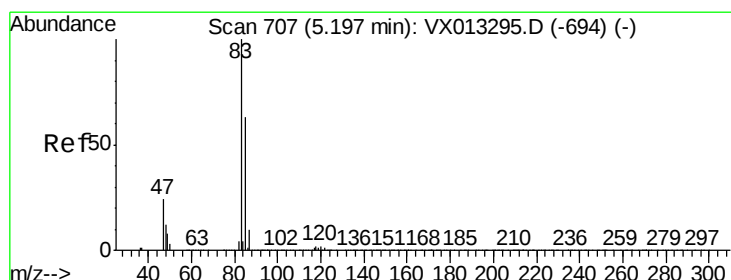
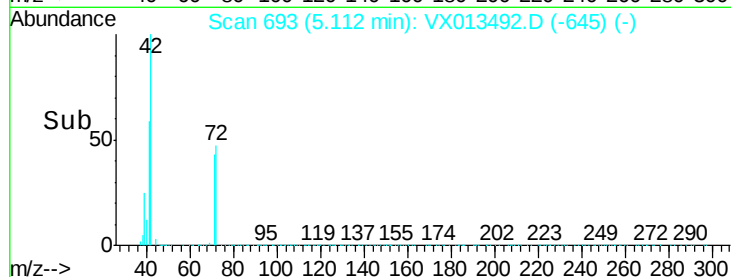
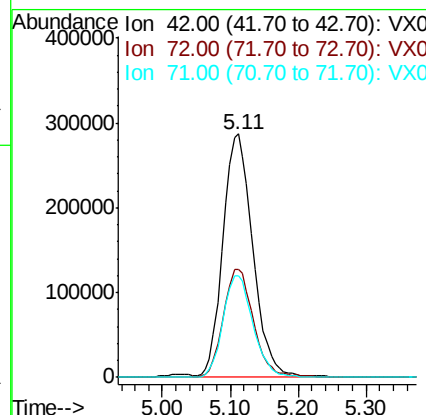
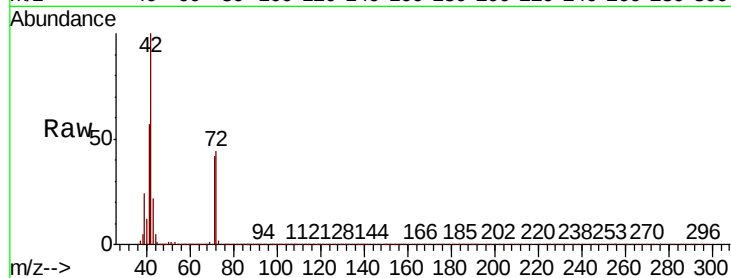
#29
Tetrahydrofuran
Concen: 259.215 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	41.8	33.4	50.0

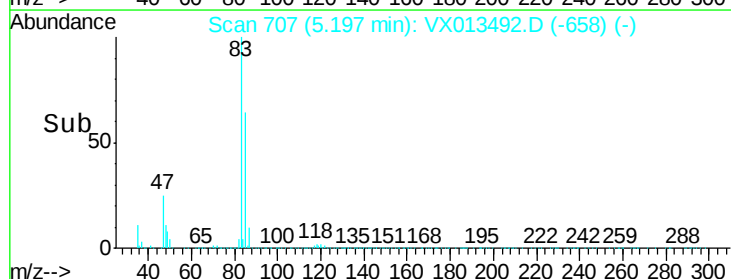
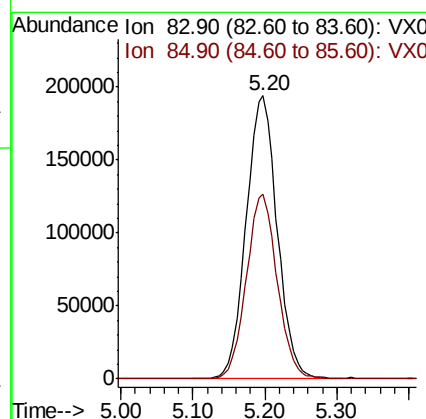
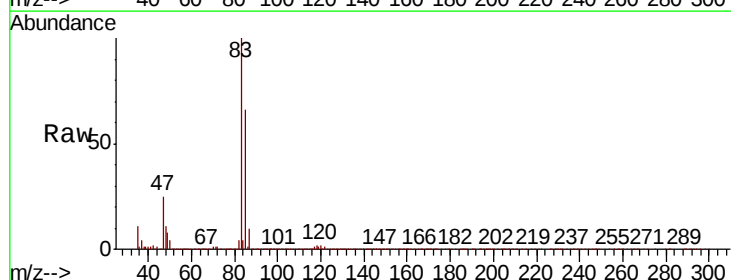
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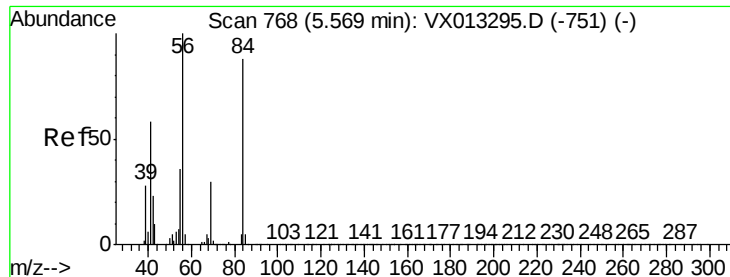
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#30
Chloroform
Concen: 51.864 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.4





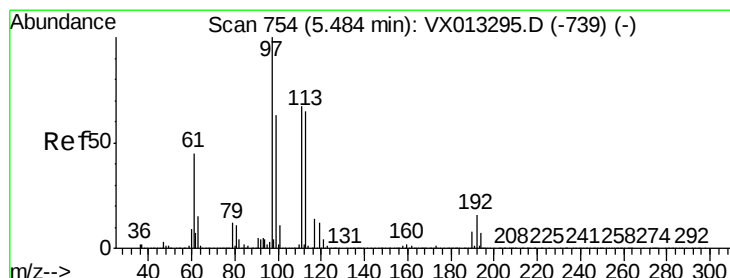
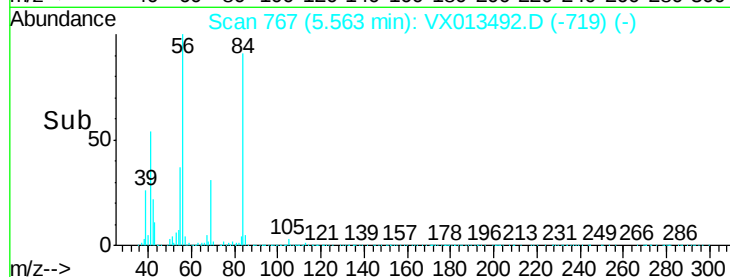
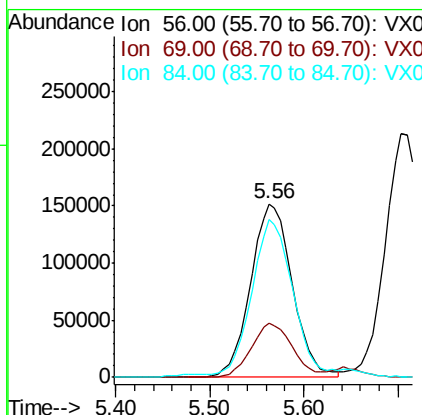
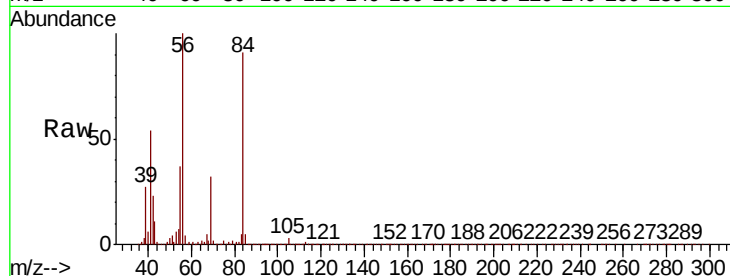
#31
Cyclohexane
Concen: 45.811 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.7	35.5
84	90.0	70.6	105.8

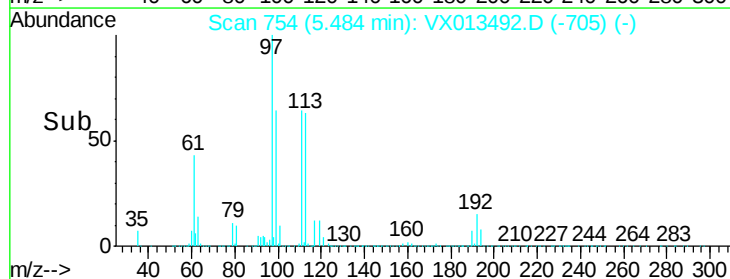
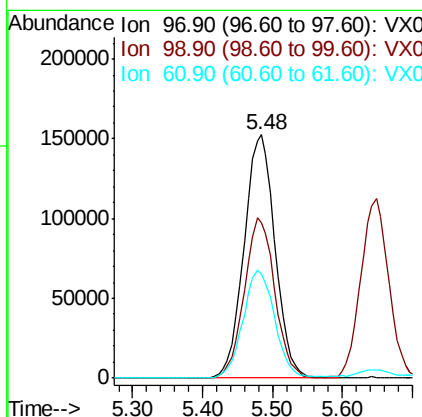
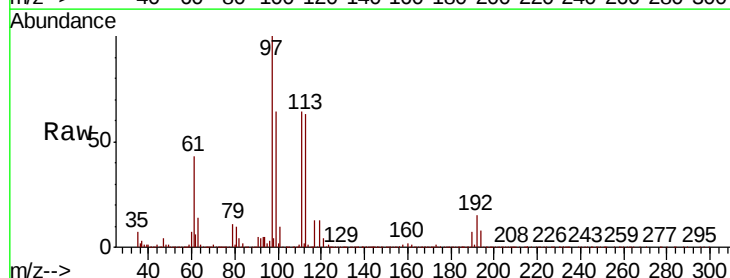
Manual Integrations
APPROVED

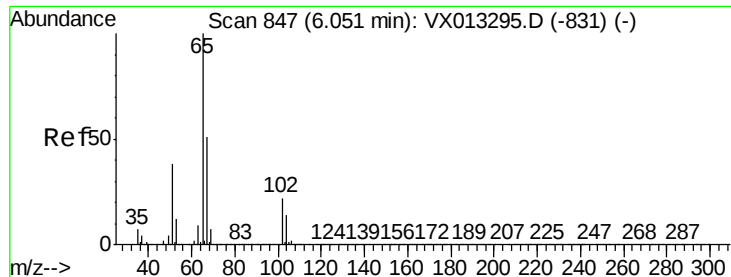
MMDadoda
11/22/2019 8:44:40 AM



#32
1,1,1-Trichloroethane
Concen: 48.704 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	44.8	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 44.869 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 334538

Ion Ratio Lower Upper

65 100

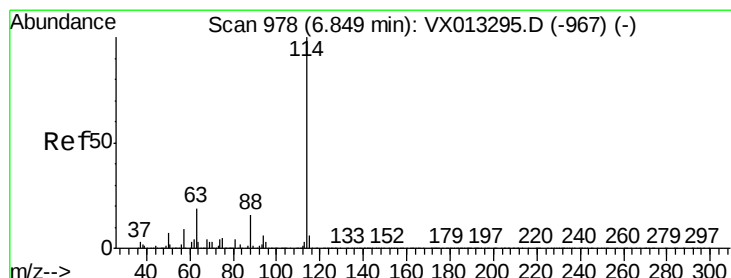
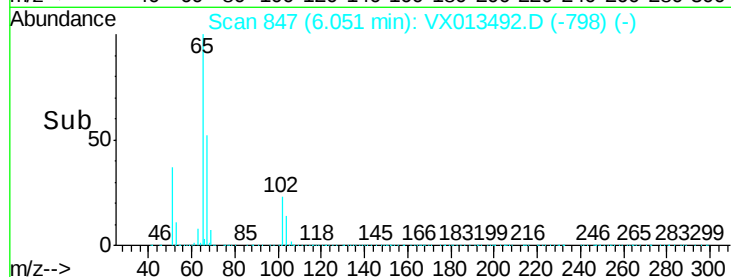
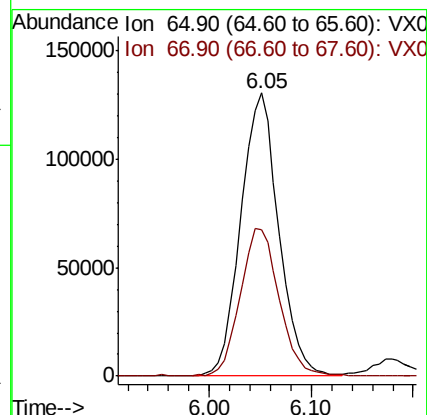
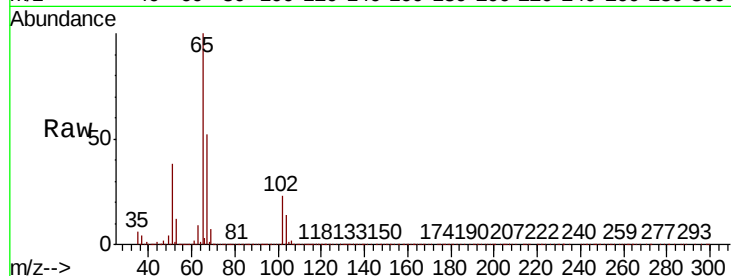
67 53.0 0.0 104.2

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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: VX013492.D

Acq: 21 Nov 2019 10:33

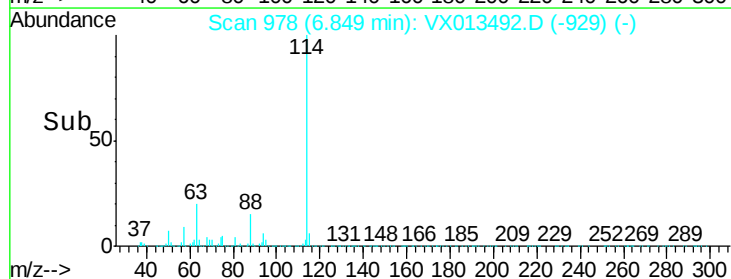
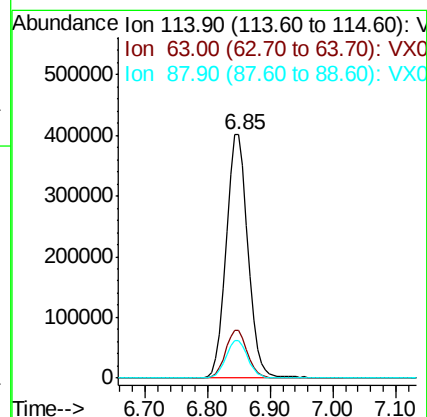
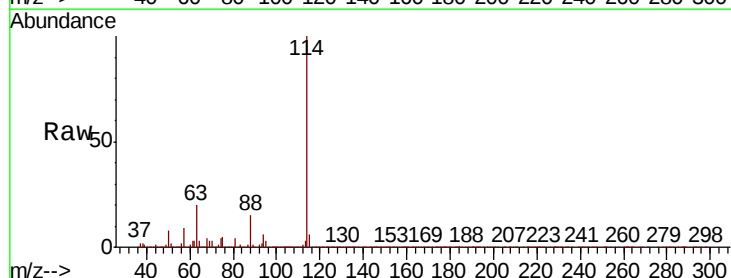
Tgt Ion: 114 Resp: 960738

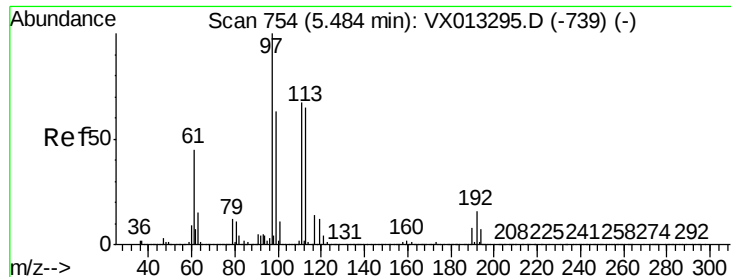
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.1 0.0 32.2





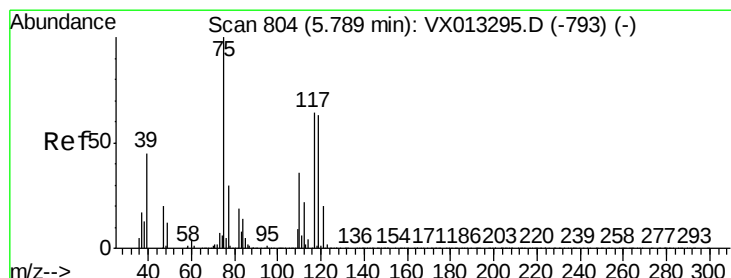
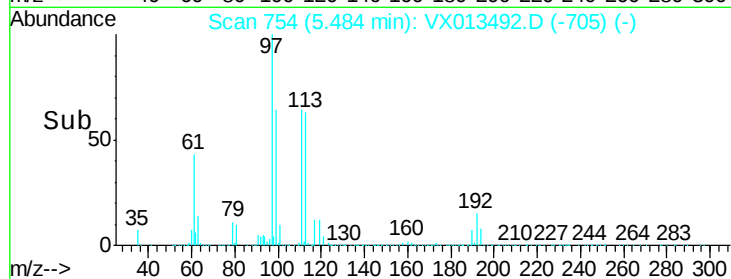
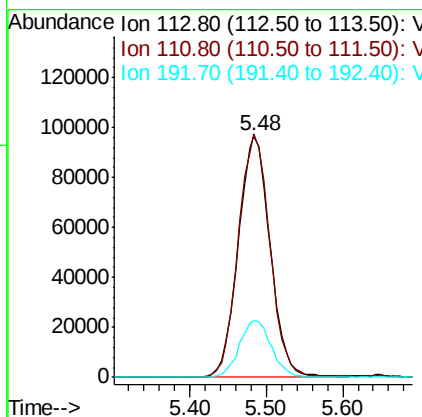
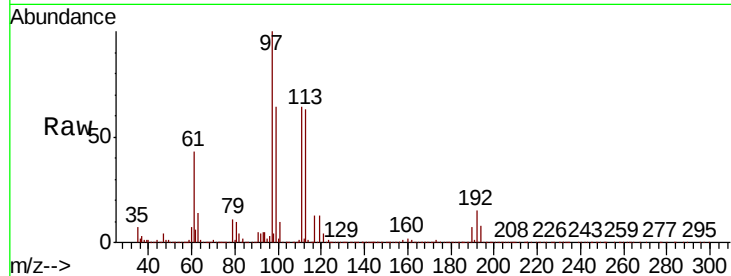
#35
 Dibromofluoromethane
 Concen: 46.010 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	277250		
111	100.2	81.9	122.9	
192	23.8	19.1	28.7	

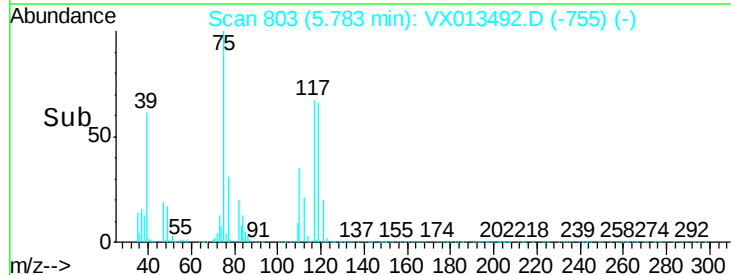
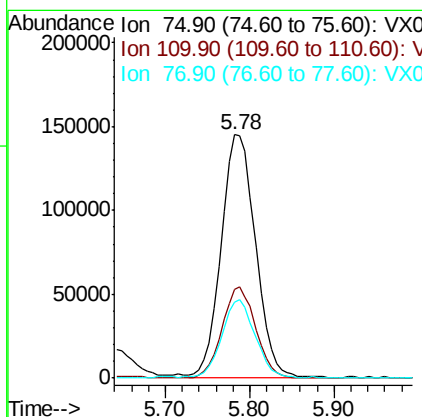
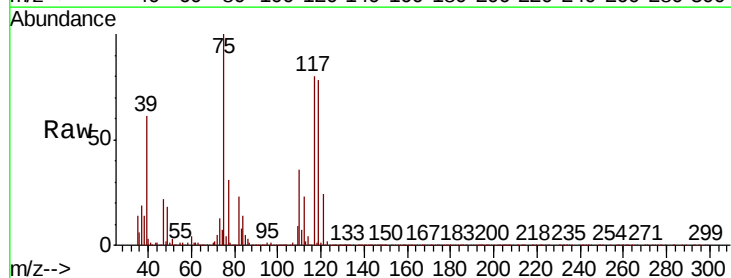
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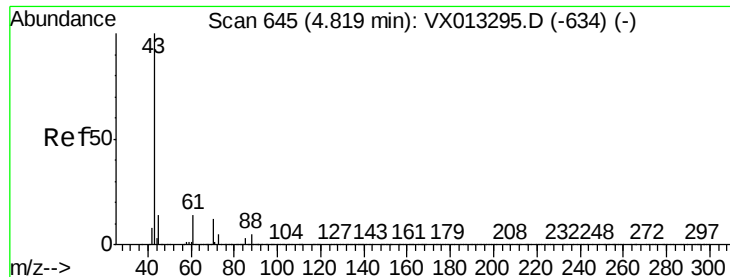
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 11/22/2019 8:44:40 AM



#36
 1,1-Dichloropropene
 Concen: 49.034 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	404133		
110	36.4	18.1	54.1	
77	30.7	25.0	37.4	





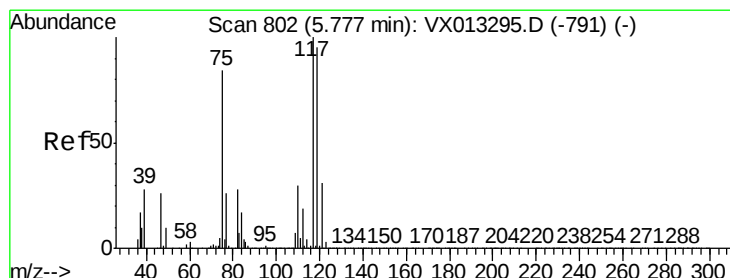
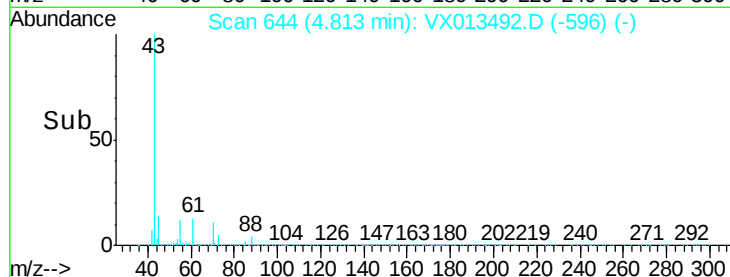
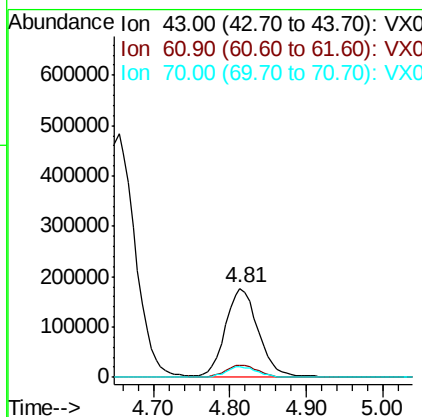
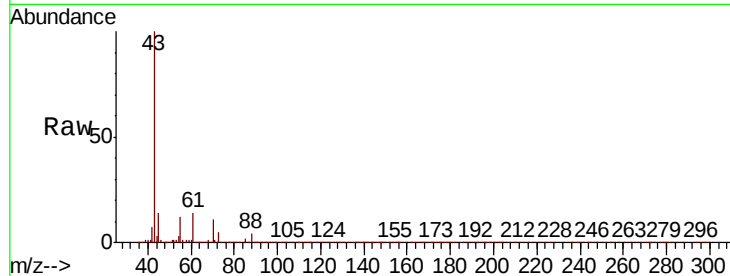
#37
Ethyl Acetate
Concen: 51.034 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	11.0	8.7	13.1

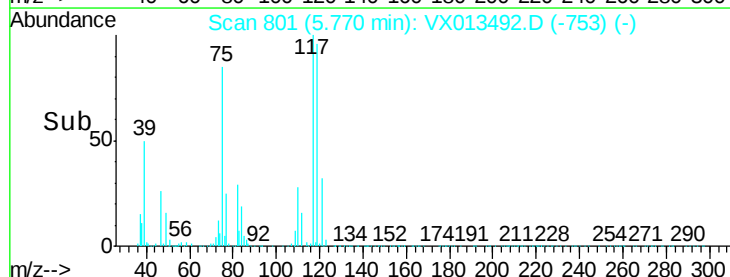
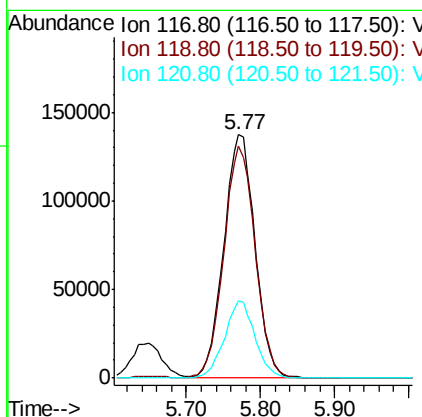
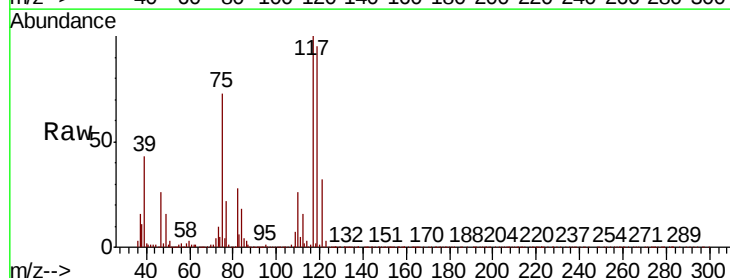
Manual Integrations
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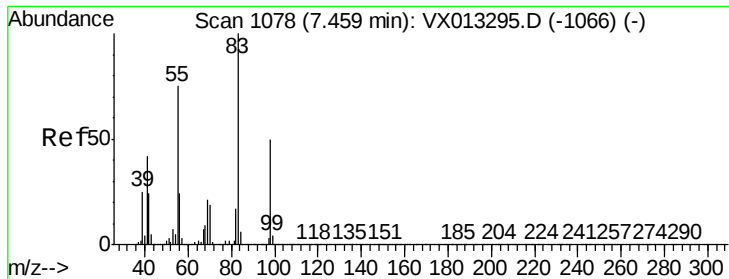
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#38
Carbon Tetrachloride
Concen: 49.929 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
121	31.7	24.6	37.0





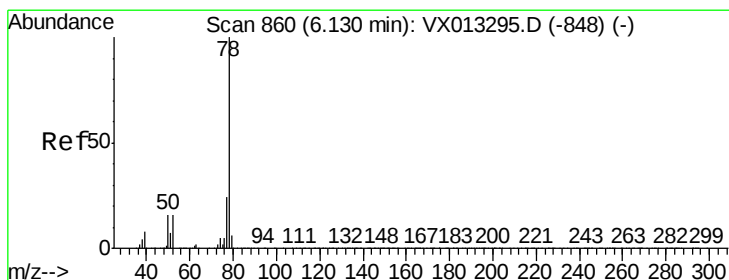
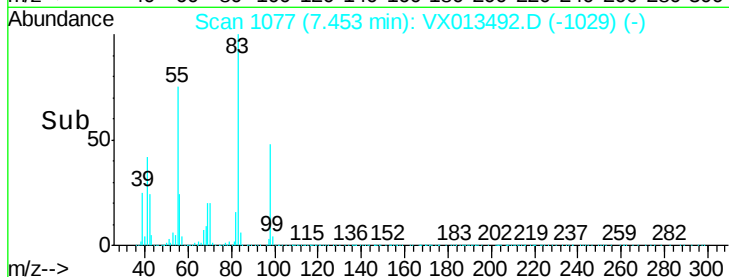
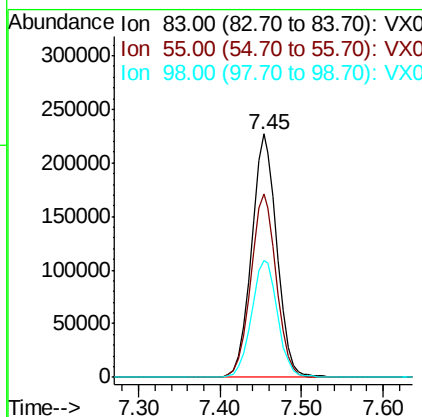
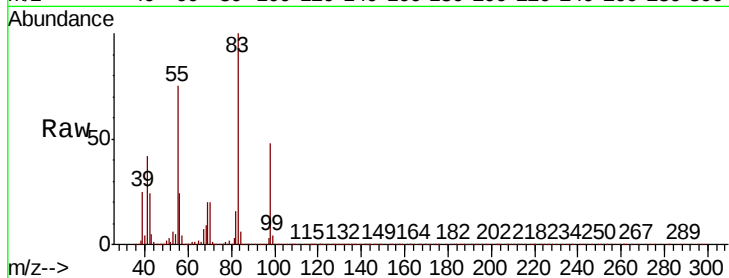
#39
Methvlcvclohexane
Concen: 47.915 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.3	90.5
98	48.1	40.3	60.5

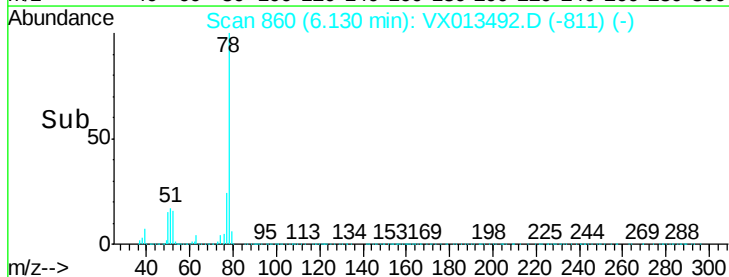
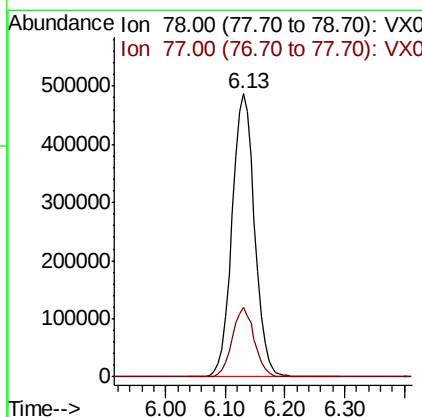
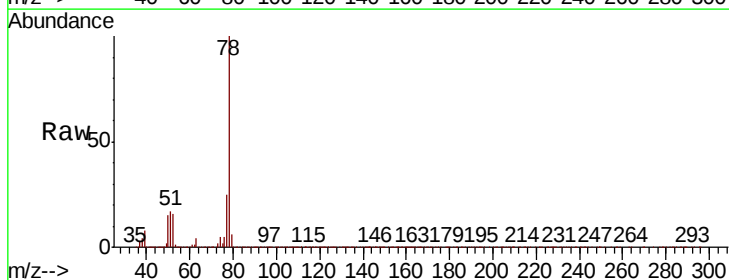
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#40
Benzene
Concen: 49.712 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.5	29.3





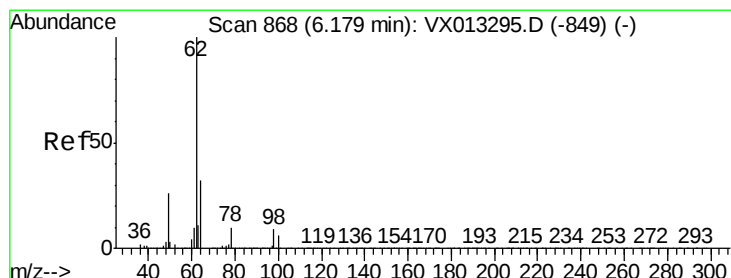
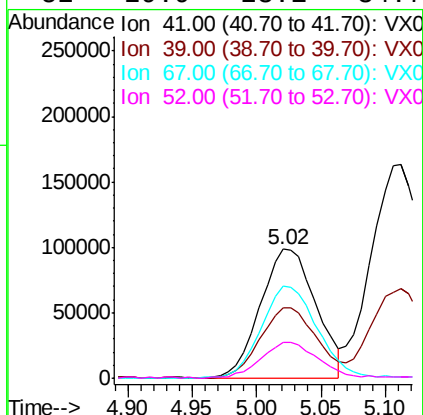
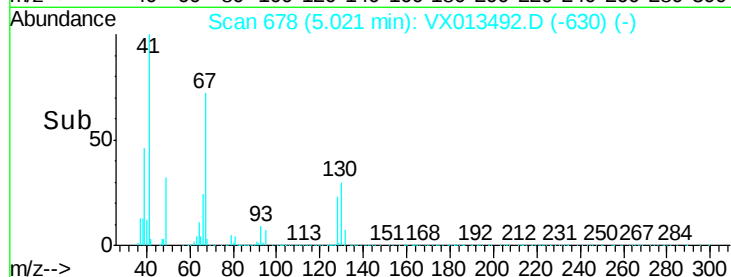
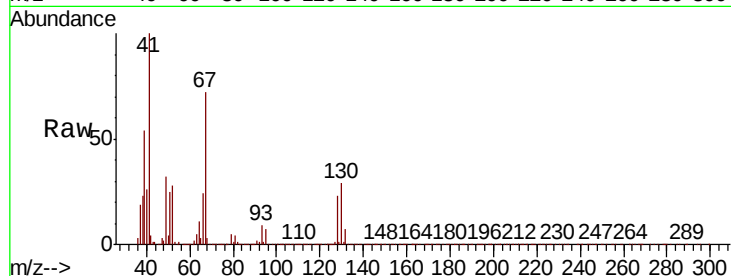
#41
Methacrylonitrile
Concen: 51.392 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
293360	41	100		
	39	55.8	45.0	67.6
	67	73.0	55.4	83.2
	52	29.9	23.1	34.7

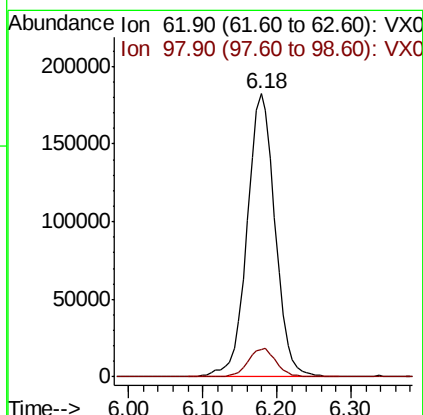
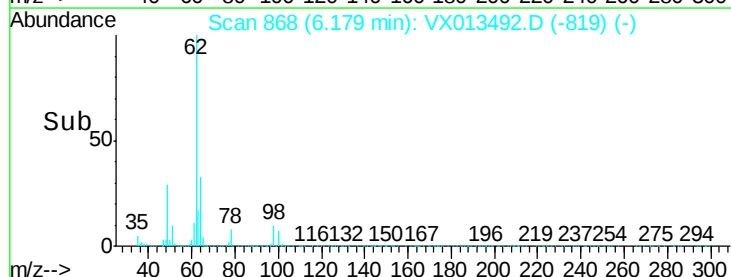
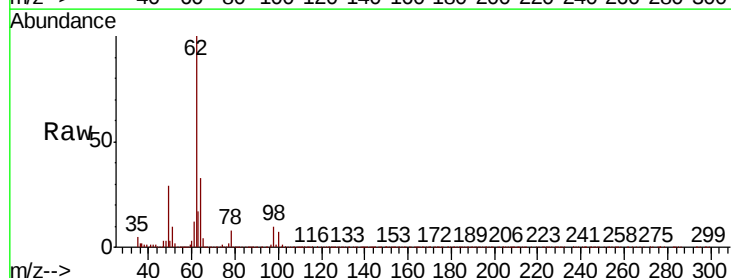
Manual Integrations
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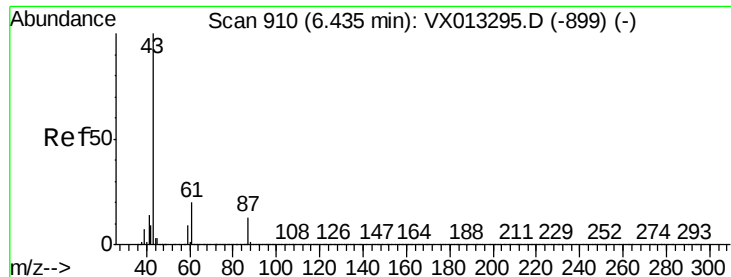
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.684 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ion	Ratio	Lower	Upper
478620	62	100		
	98	10.1	0.0	19.4





#43

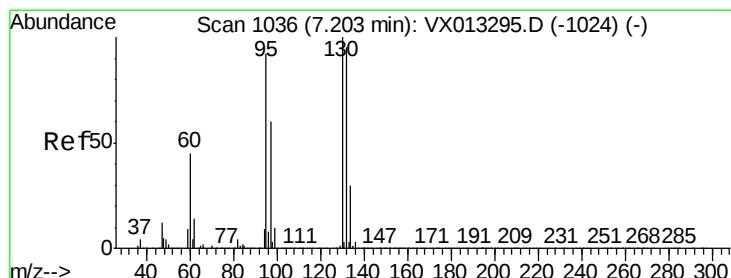
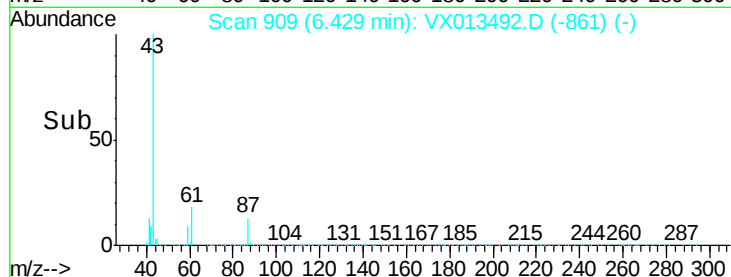
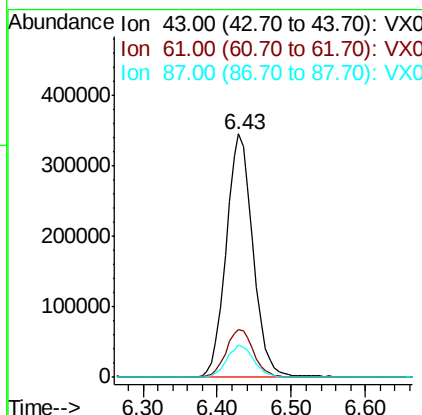
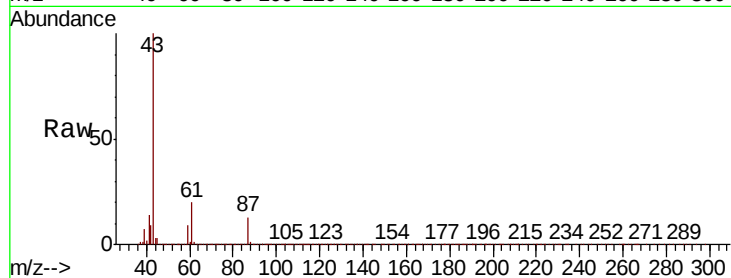
Isopropyl Acetate
 Concen: 54.480 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	863980
Ion Ratio	Lower	Upper	
43	100		
61	20.0	15.8	23.8
87	13.3	10.4	15.6

Manual Integrations
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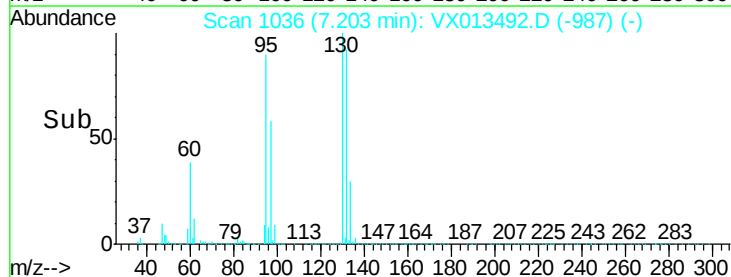
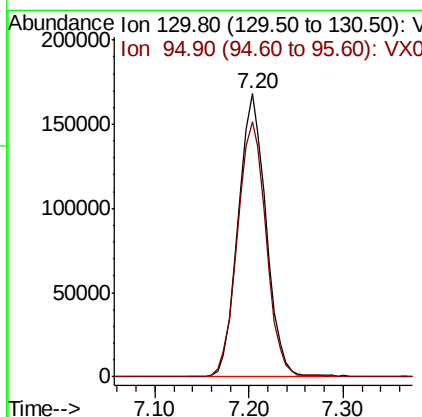
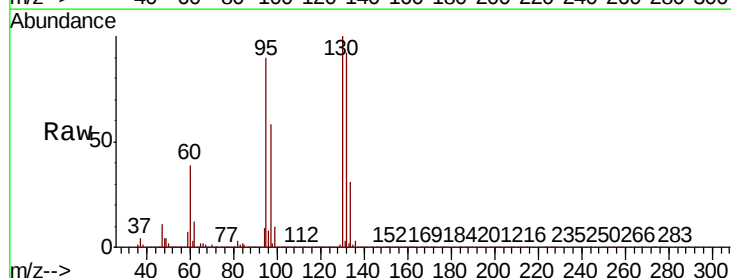
MMDadoda
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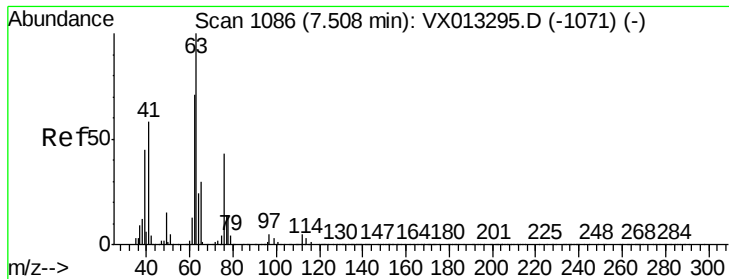


#44

Trichloroethene
 Concen: 49.022 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Tgt Ion	130	Resp	346435
Ion Ratio	Lower	Upper	
130	100		
95	89.8	0.0	184.8





#45

1,2-Dichloropropane

Concen: 53.287 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 348577

Ion Ratio Lower Upper

63 100

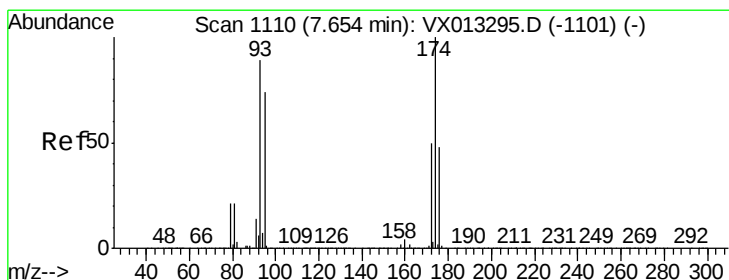
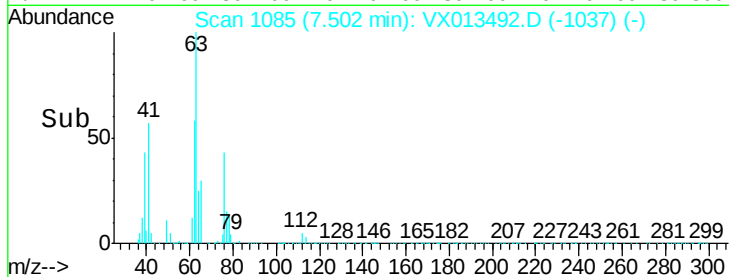
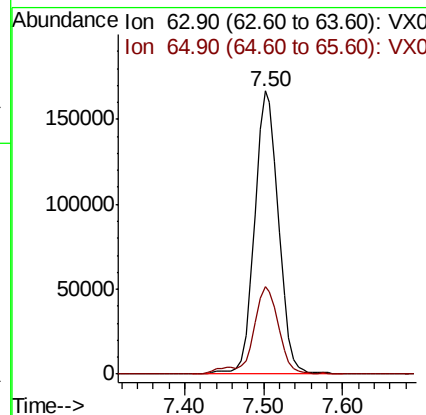
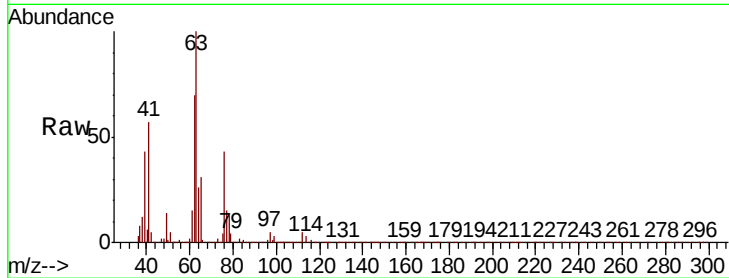
65 30.8 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 51.877 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

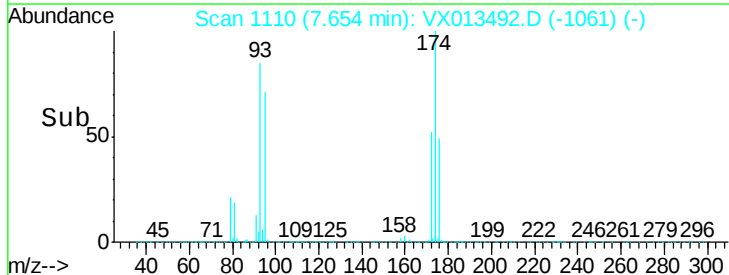
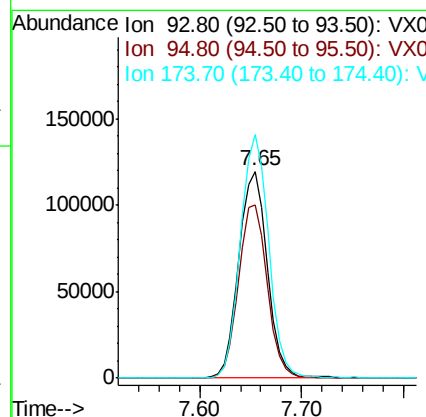
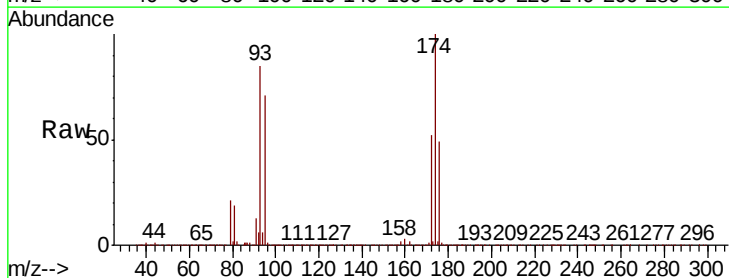
Tgt Ion: 93 Resp: 231701

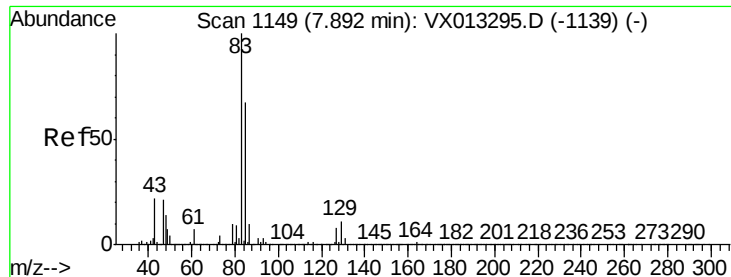
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.6

174 116.1 90.4 135.6





#47

Bromodichloromethane

Concen: 54.990 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

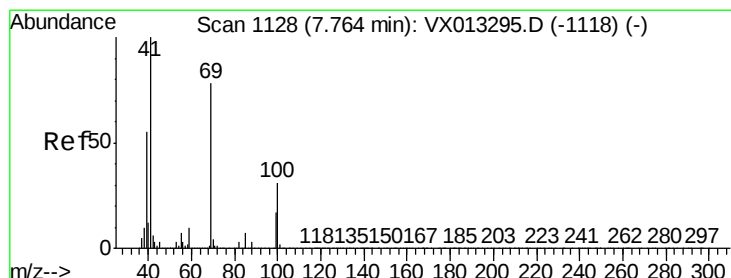
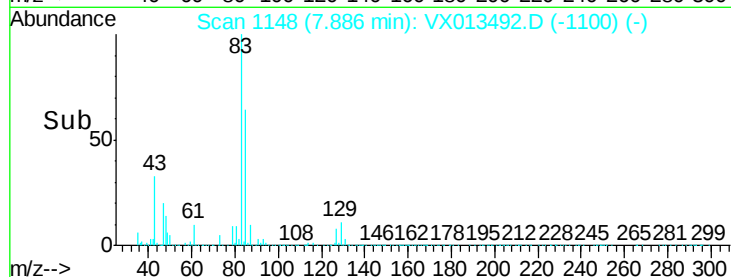
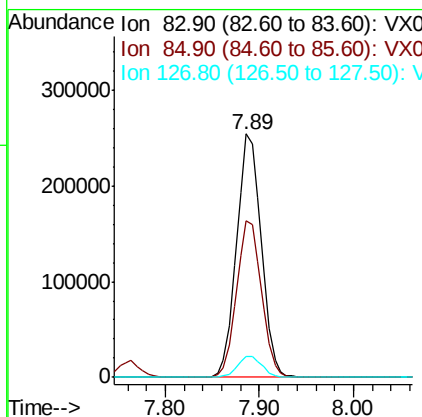
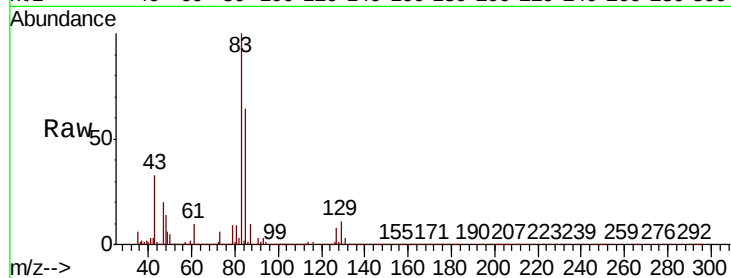
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	463134
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.7	80.5
127	8.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.349 ug/l

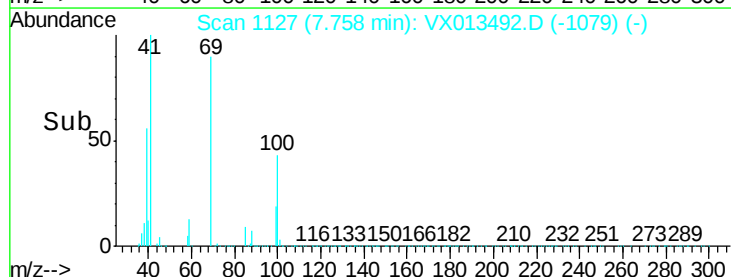
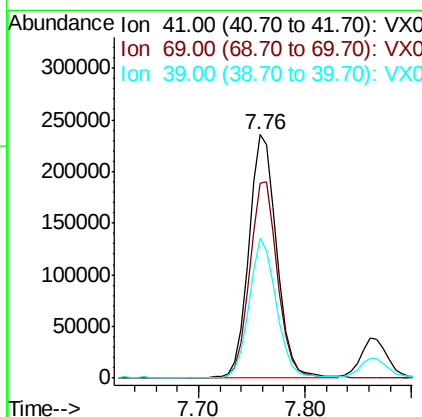
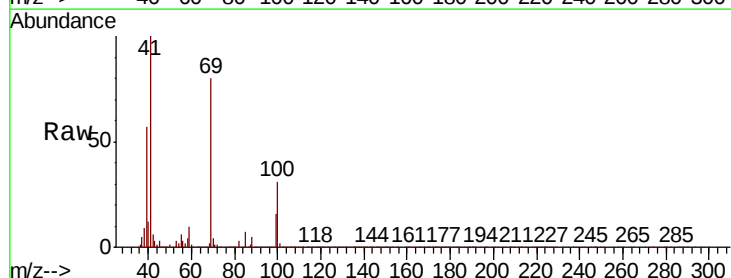
RT: 7.76 min Scan# 1127

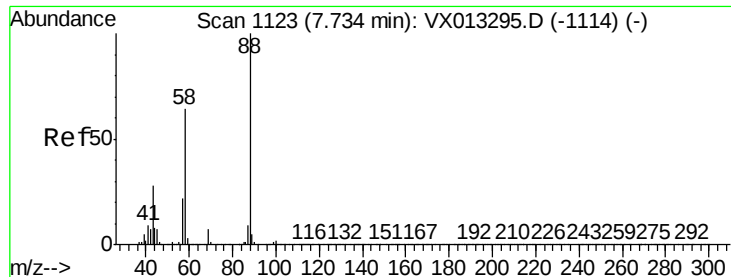
Delta R.T. -0.01 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion:	41	Resp:	430244
Ion Ratio	Lower	Upper	
41	100		
69	81.2	63.0	94.6
39	56.1	45.9	68.9





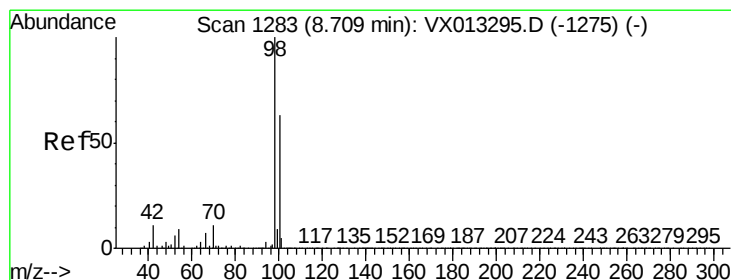
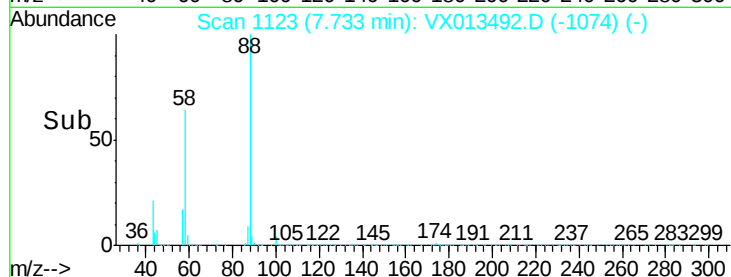
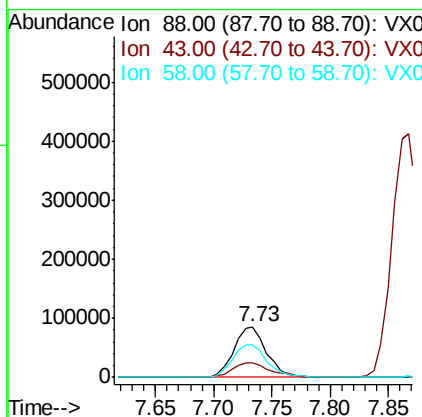
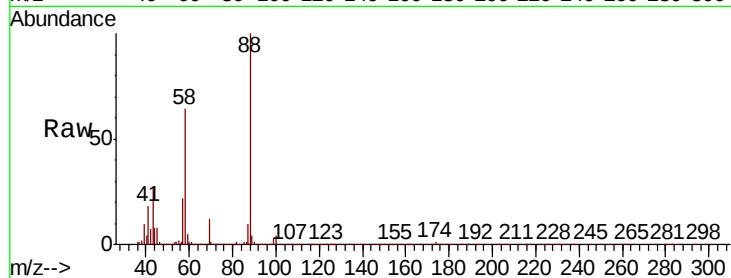
#49
1,4-Dioxane
Concen: 912.178 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.6	39.8
58	69.6	55.0	82.6

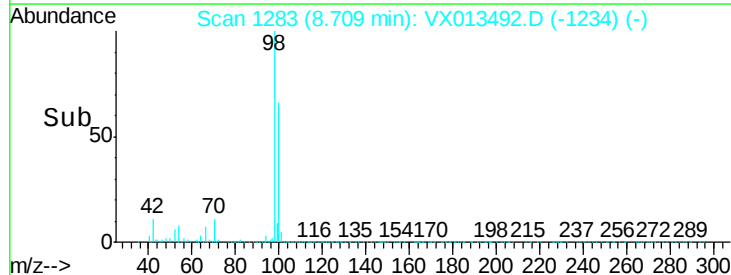
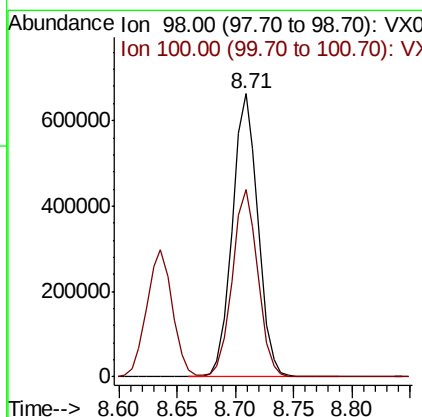
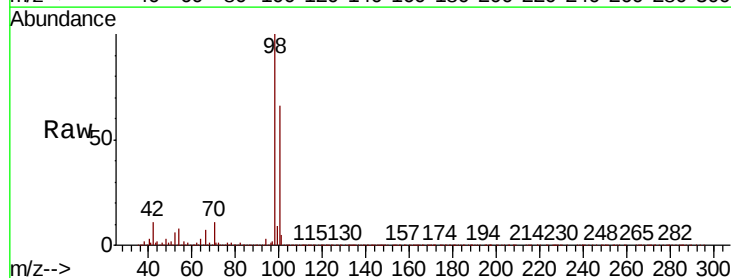
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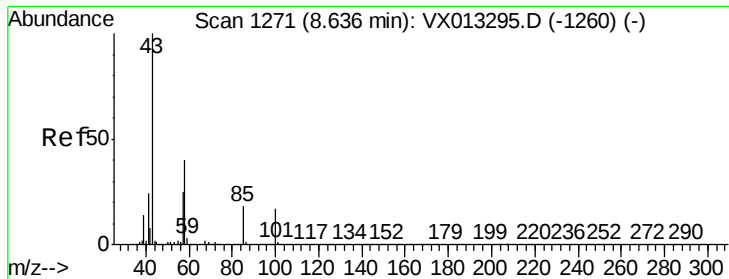
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#50
Toluene-d8
Concen: 44.713 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 261.197 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2717674

Ion Ratio Lower Upper

43 100

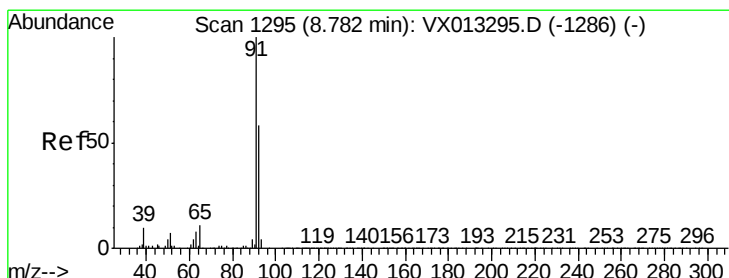
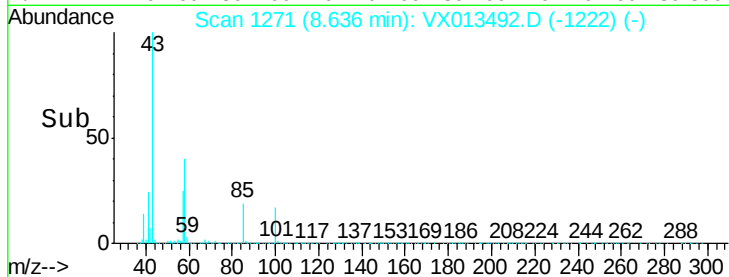
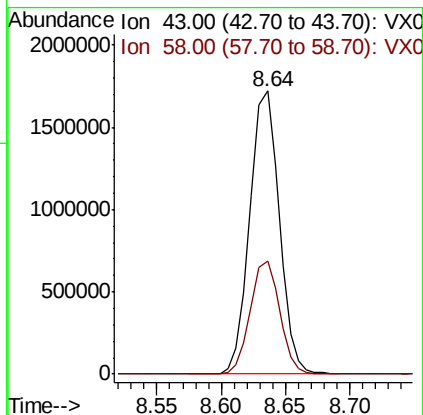
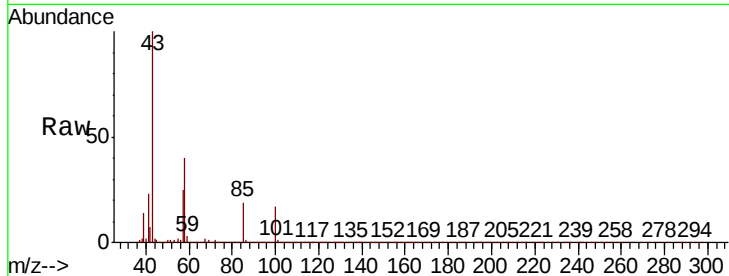
58 40.0 31.4 47.0

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#52

Toluene

Concen: 50.933 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013492.D

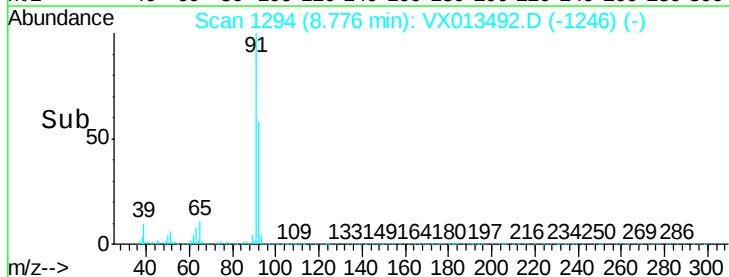
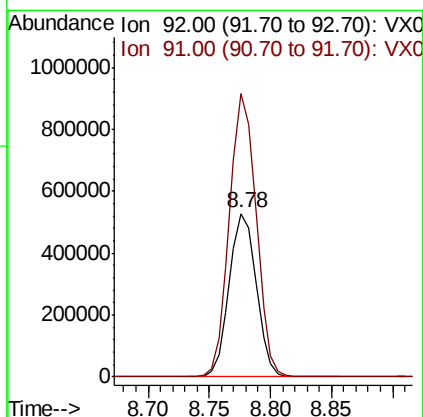
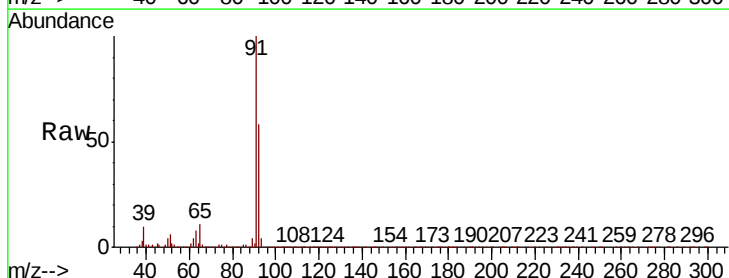
Acq: 21 Nov 2019 10:33

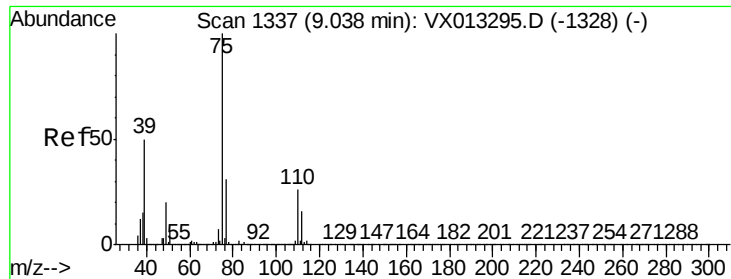
Tgt Ion: 92 Resp: 810449

Ion Ratio Lower Upper

92 100

91 171.3 138.0 207.0





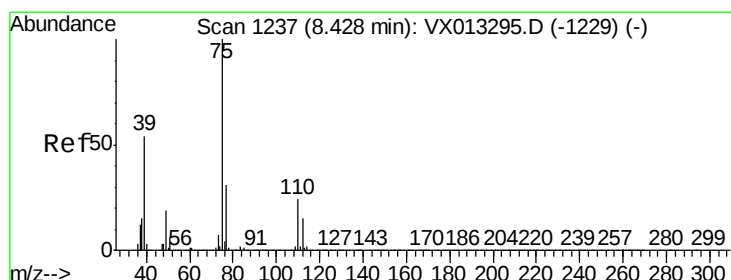
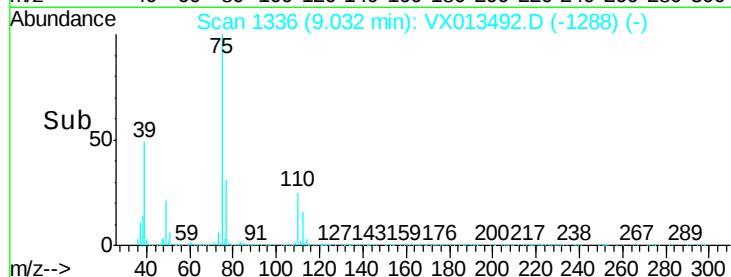
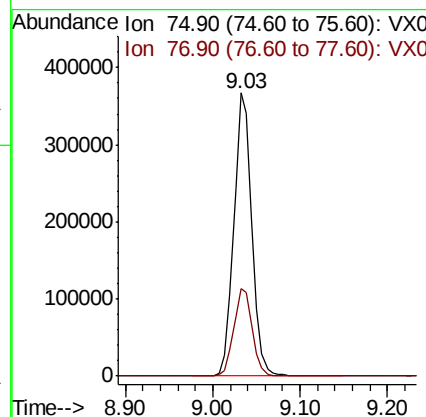
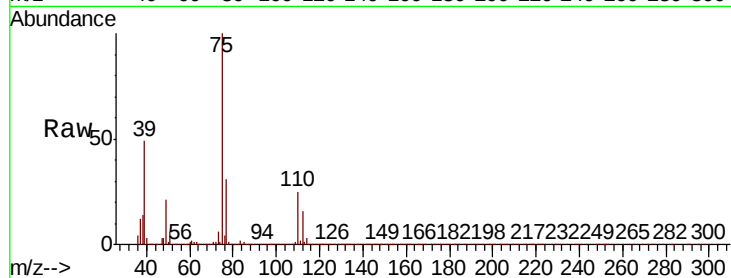
#53
t-1,3-Dichloropropene
Concen: 56.861 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4

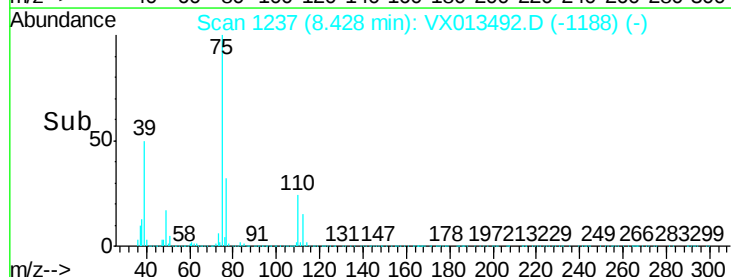
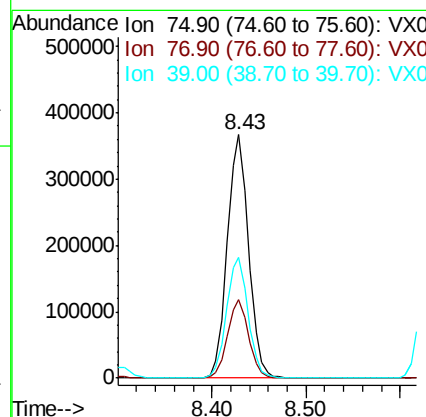
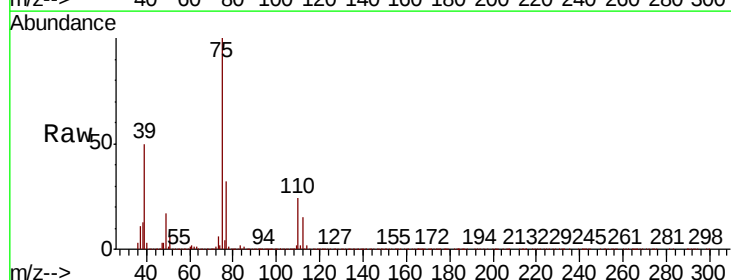
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#54
cis-1,3-Dichloropropene
Concen: 55.898 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.7	37.1
39	49.6	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 55.128 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

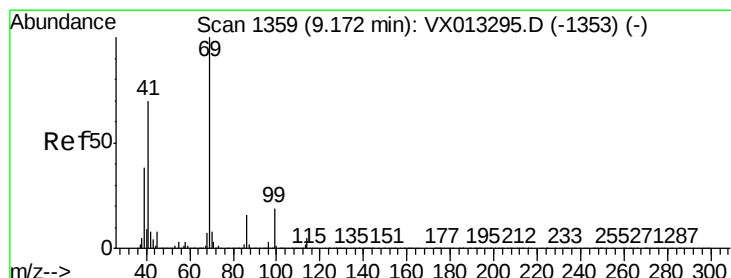
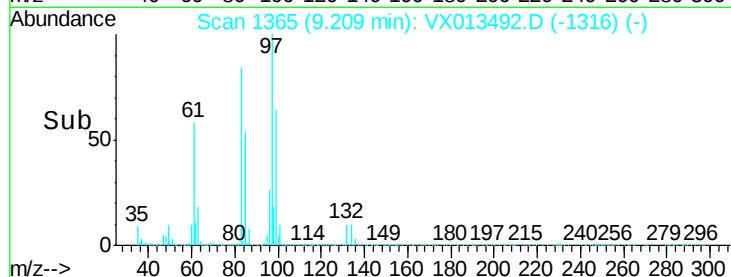
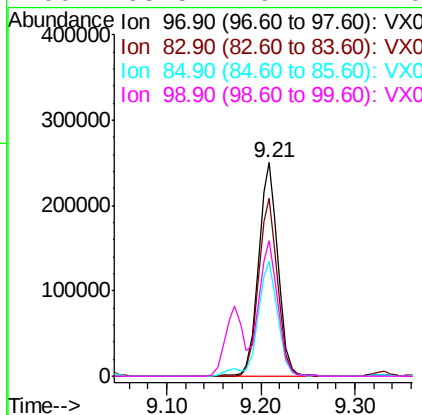
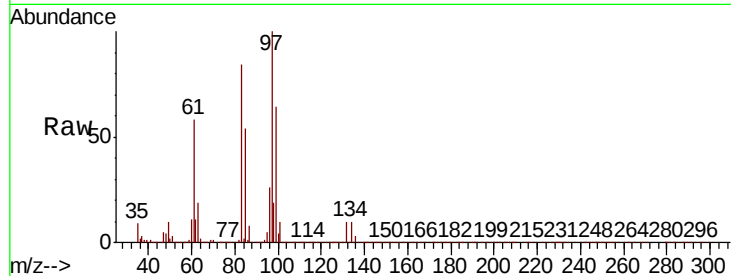
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	363595		
83	83.5	68.6	103.0	
85	53.8	43.1	64.7	
99	63.5	49.4	74.0	

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#56

Ethyl methacrylate

Concen: 51.968 ug/l

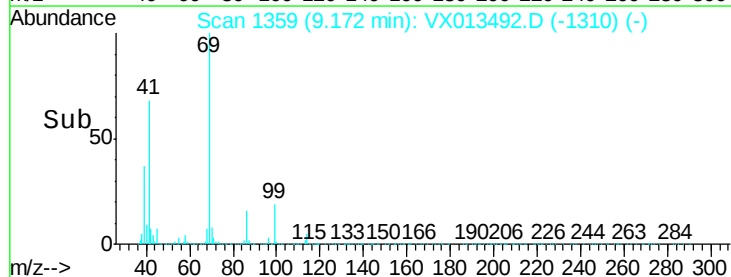
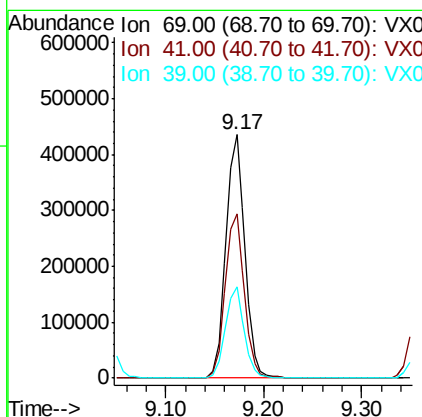
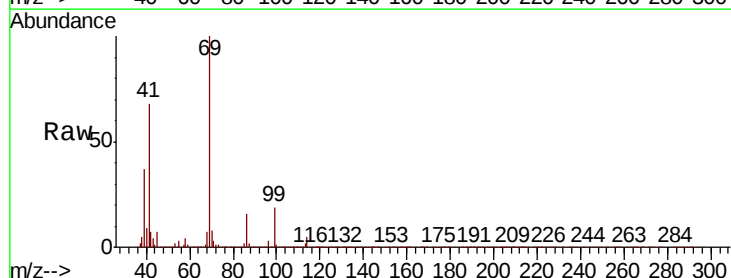
RT: 9.17 min Scan# 1359

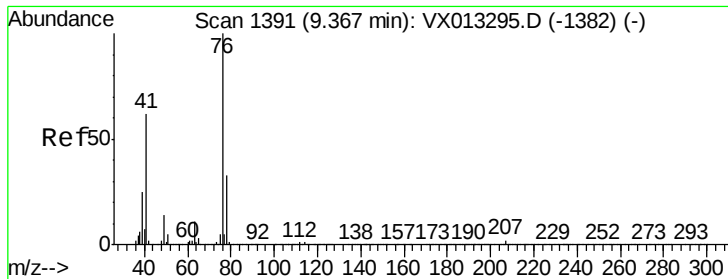
Delta R.T. 0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	585864		
41	68.0	56.2	84.2	
39	36.7	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 53.123 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 594766

Ion Ratio Lower Upper

76 100

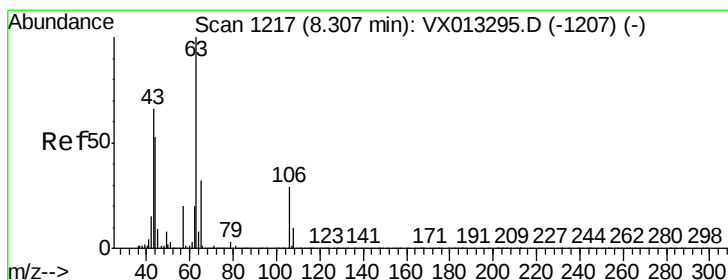
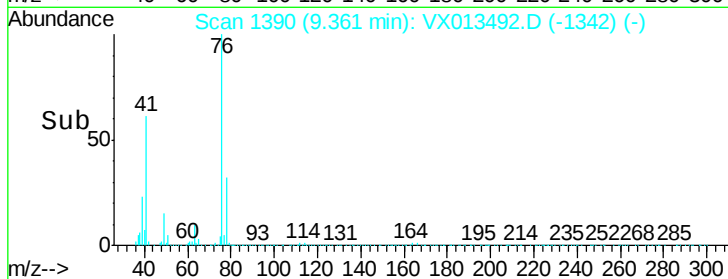
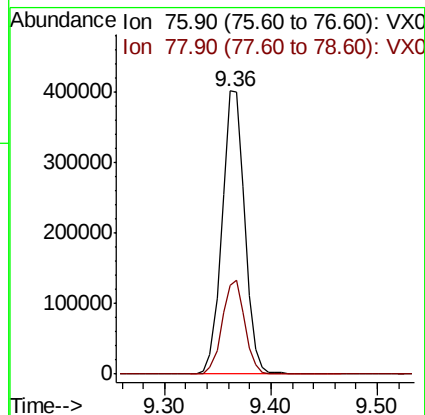
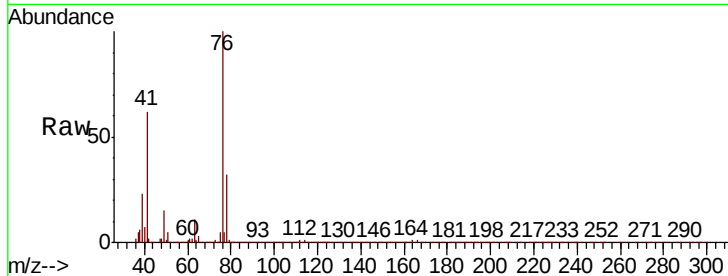
78 32.8 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 261.101 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013492.D

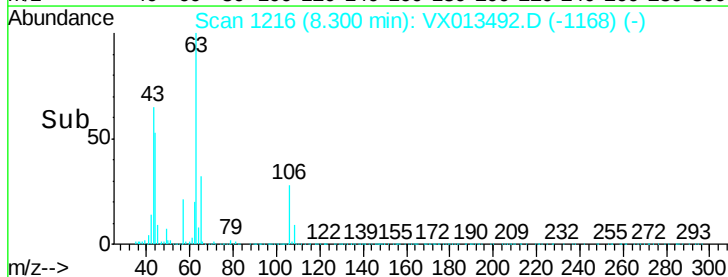
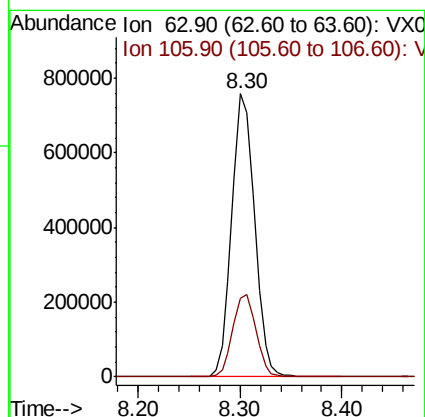
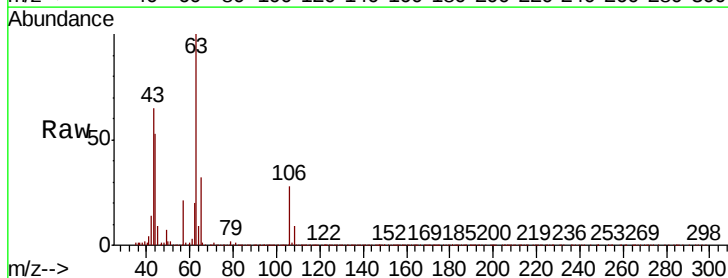
Acq: 21 Nov 2019 10:33

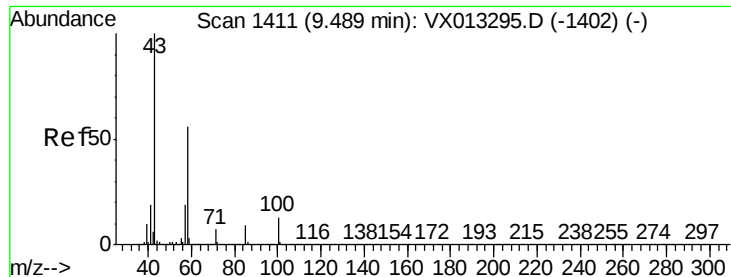
Tgt Ion: 63 Resp: 1177470

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





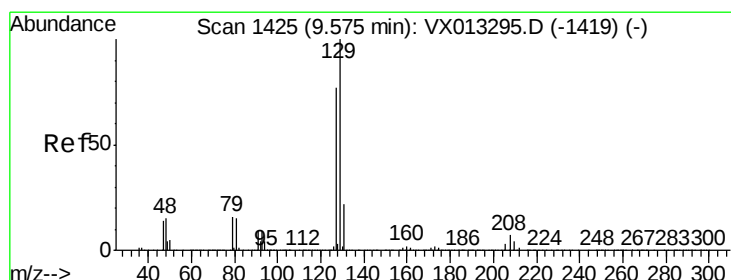
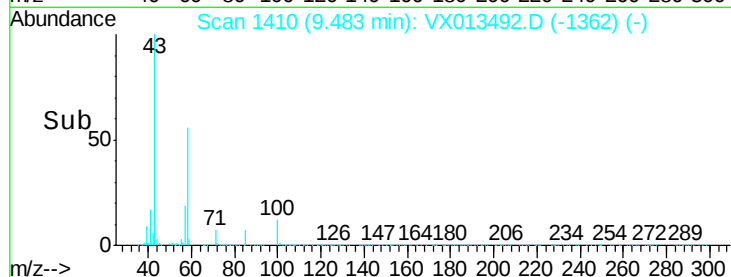
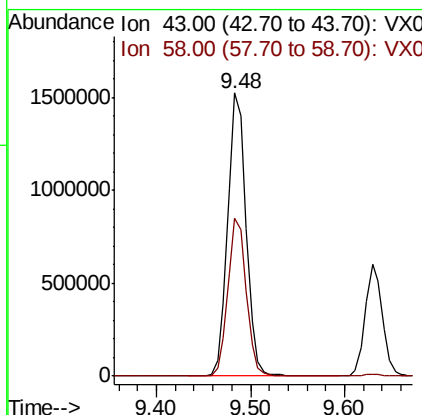
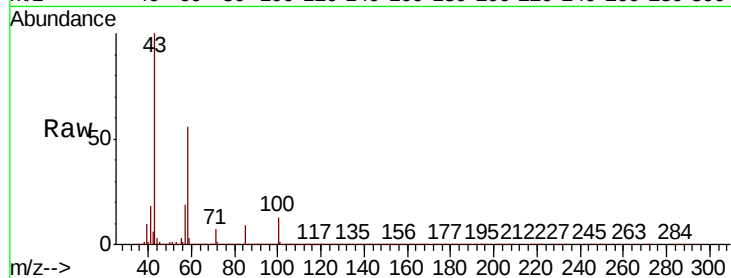
#59
2-Hexanone
Concen: 257.680 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2071877
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8

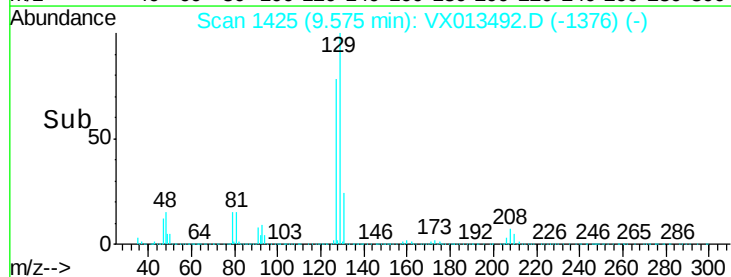
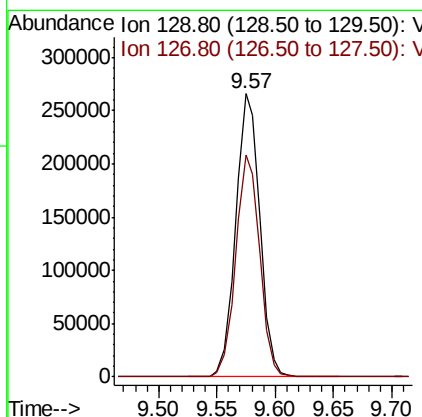
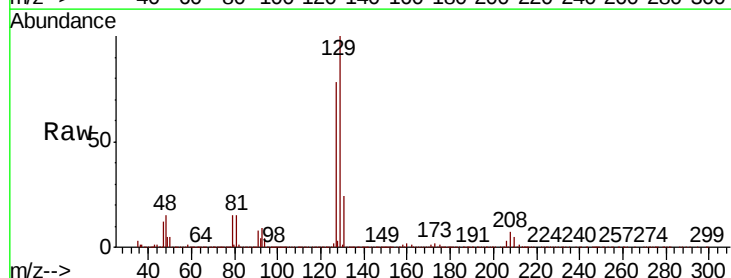
Manual Integrations
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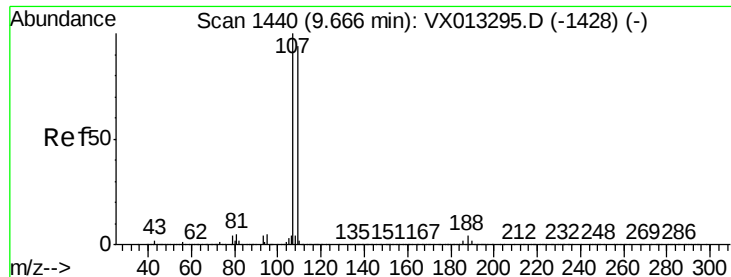
MMDadoda
11/22/2019 8:44:40 AM



#60
Dibromochloromethane
Concen: 56.708 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion: 129 Resp: 382511
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





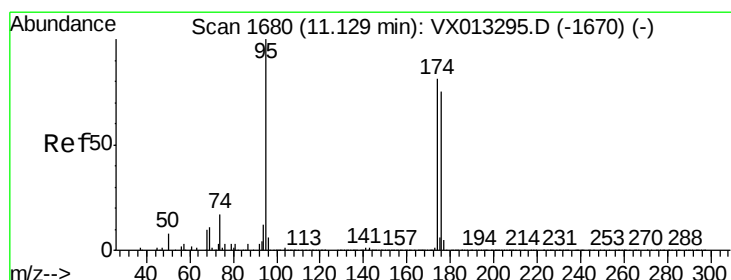
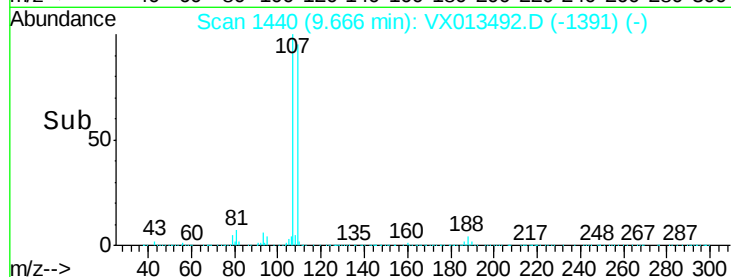
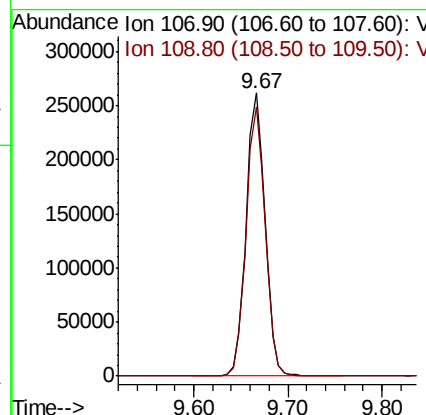
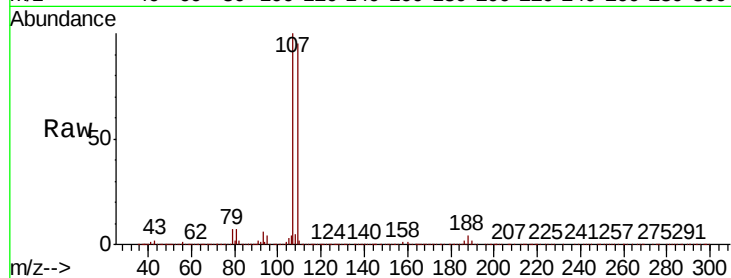
#61
 1,2-Dibromoethane
 Concen: 52.444 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.1	112.7

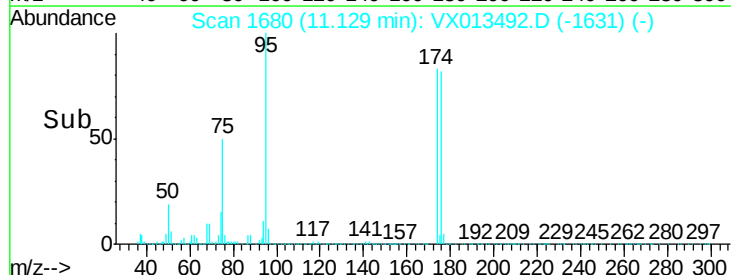
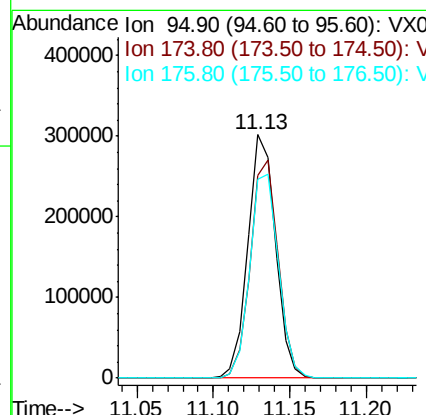
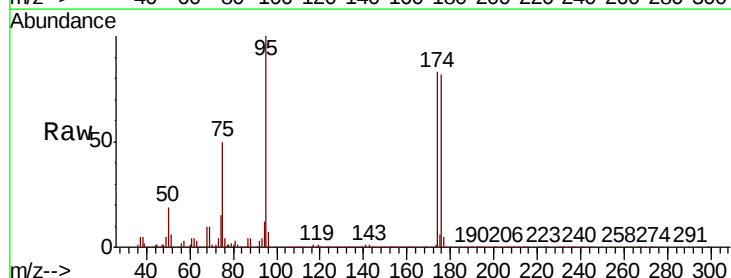
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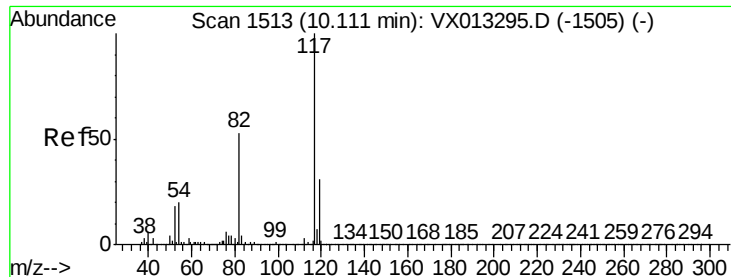
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#62
 4-Bromofluorobenzene
 Concen: 46.100 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	179.8
176	87.5	0.0	173.0





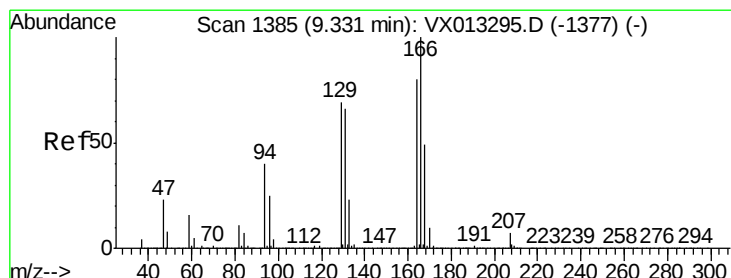
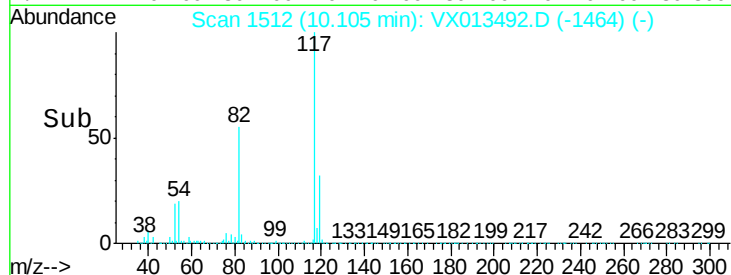
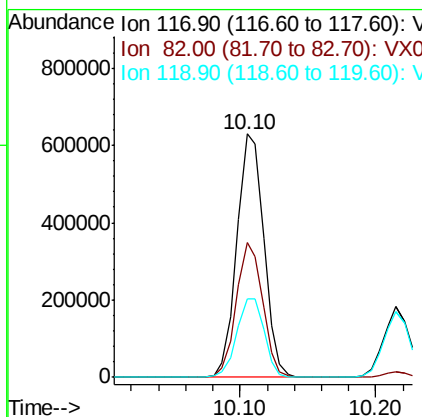
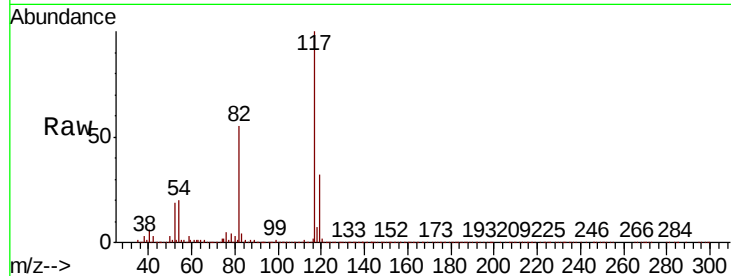
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	871866		
82	55.4	42.6	64.0	
119	32.4	24.8	37.2	

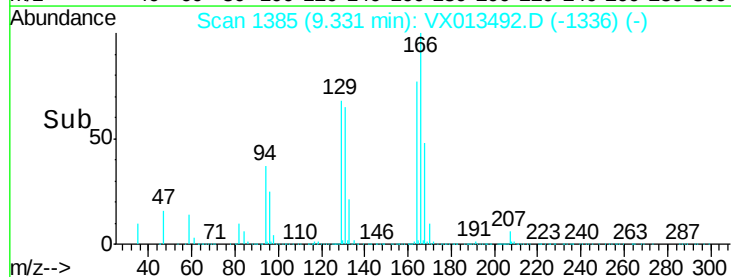
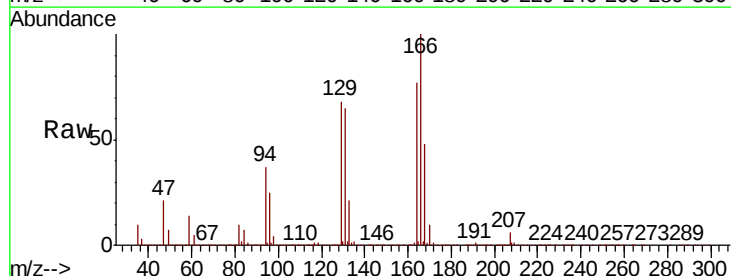
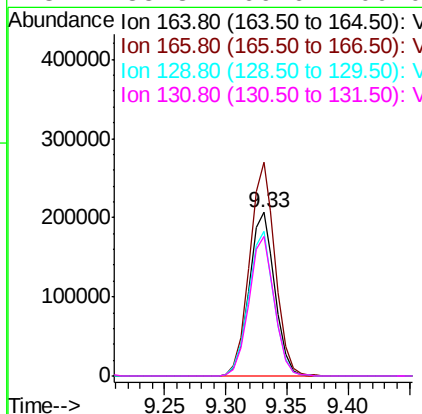
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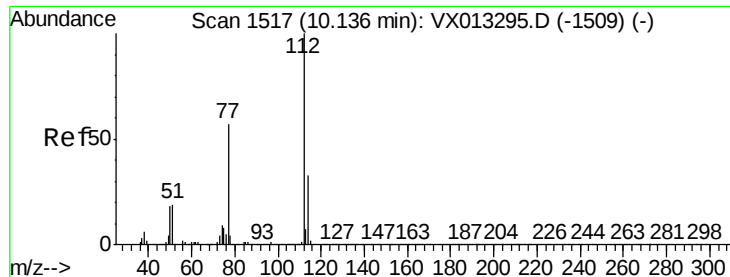
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#64
Tetrachloroethene
Concen: 48.425 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	302243		
166	130.5	100.4	150.6	
129	88.2	69.4	104.2	
131	85.3	66.6	100.0	





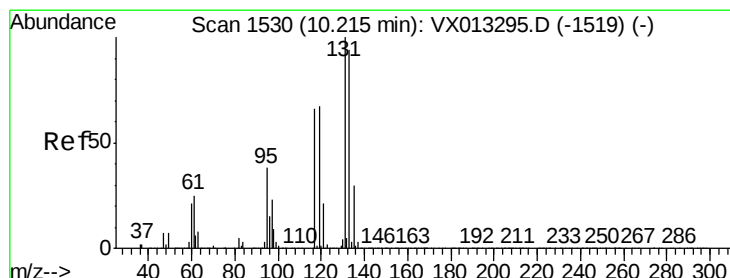
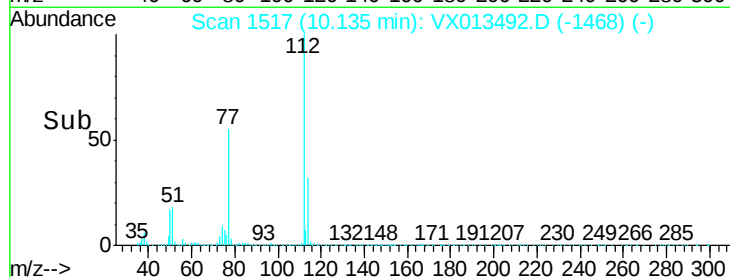
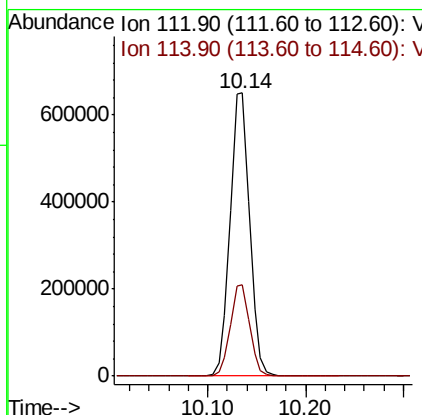
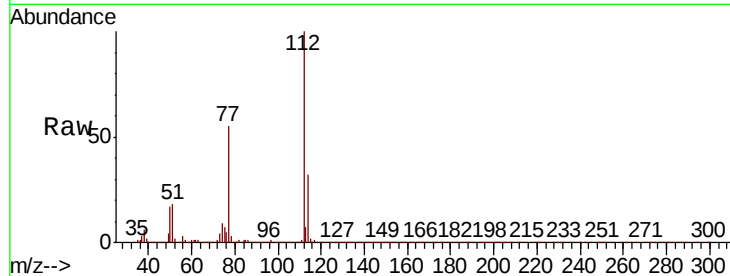
#65
Chlorobenzene
Concen: 51.207 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.4	39.6

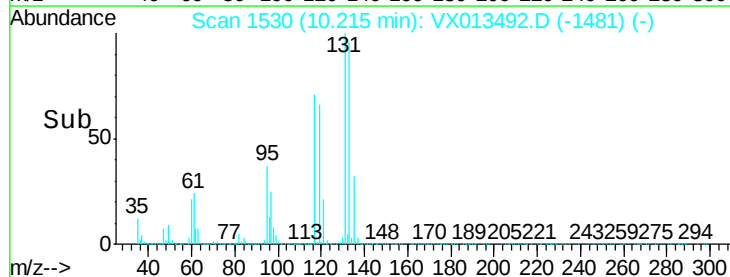
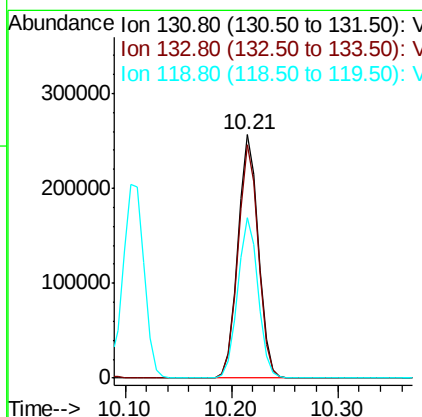
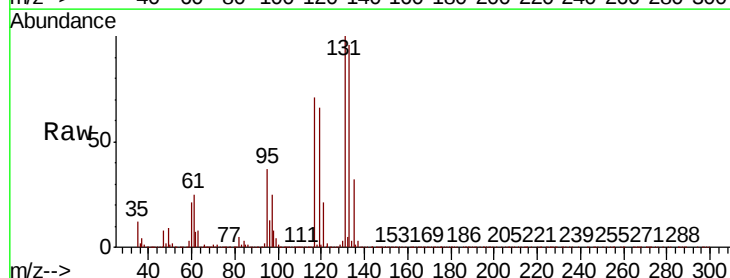
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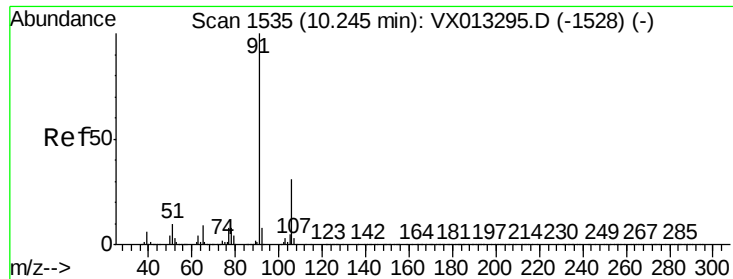
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.479 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.0	144.0
119	65.4	33.0	99.0





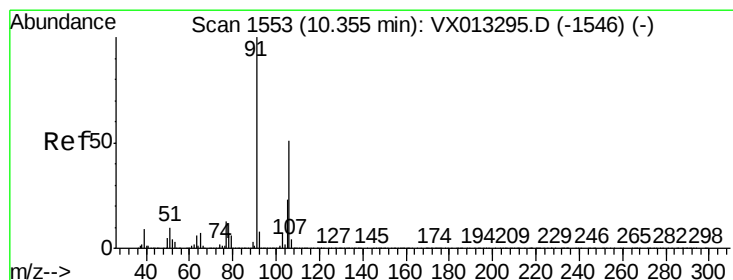
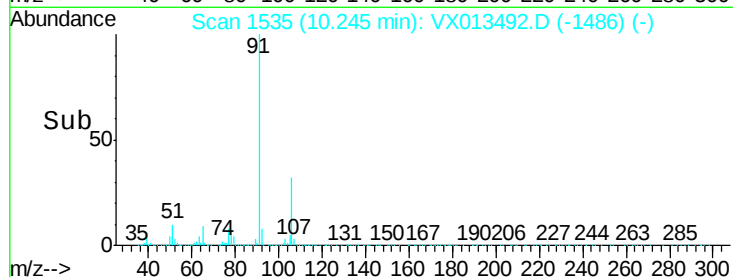
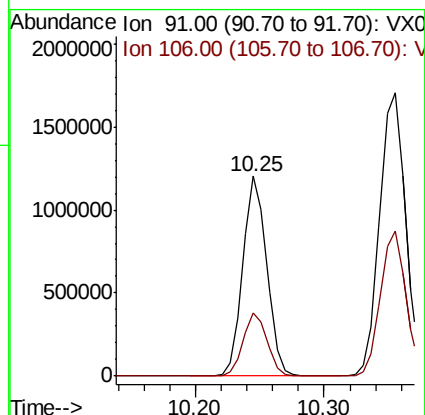
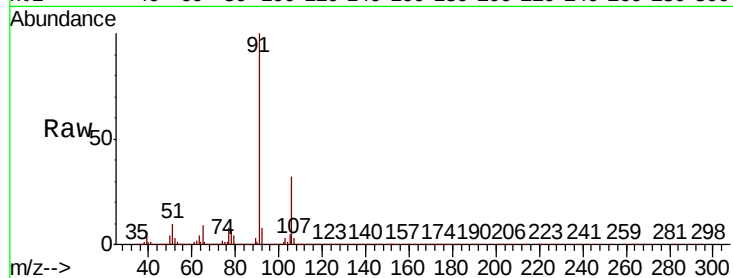
#67
Ethyl Benzene
Concen: 50.630 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1542400
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

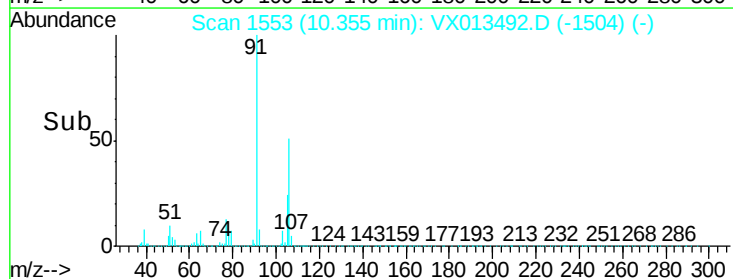
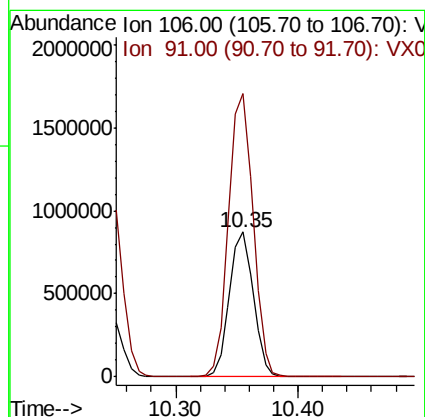
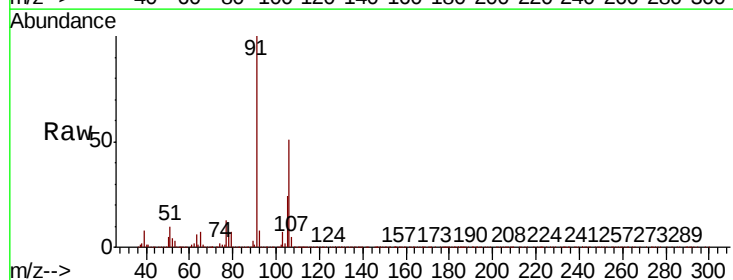
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#68
m/p-Xylenes
Concen: 102.934 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion: 106 Resp: 1185932
Ion Ratio Lower Upper
106 100
91 198.8 159.3 238.9





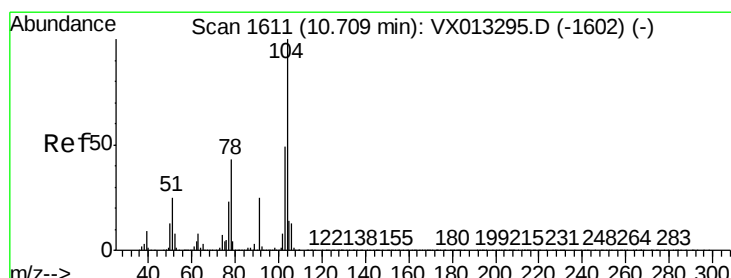
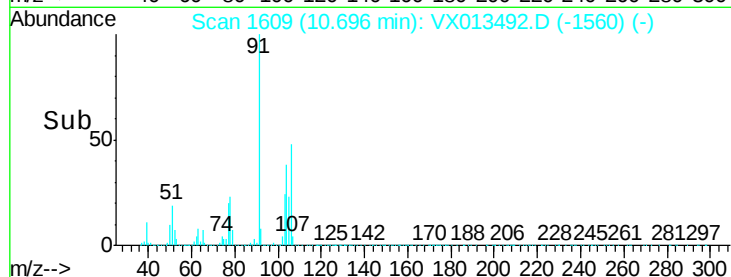
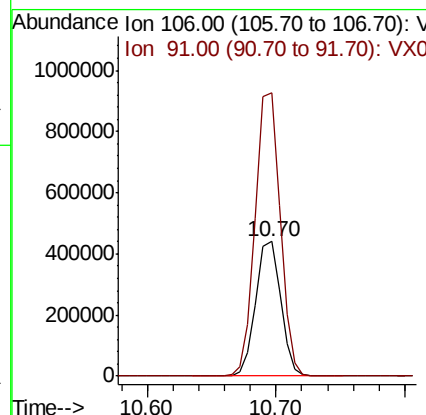
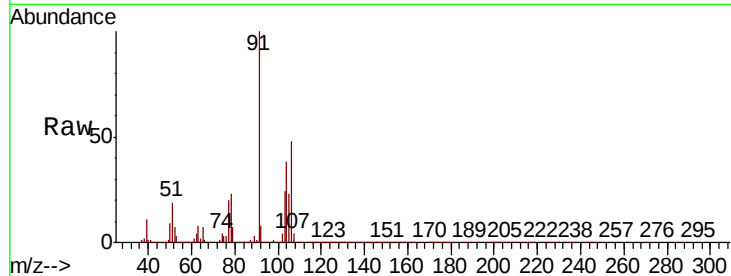
#69
o-Xylene
Concen: 52.208 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 588898
Ion Ratio Lower Upper
106 100
91 209.8 105.7 317.0

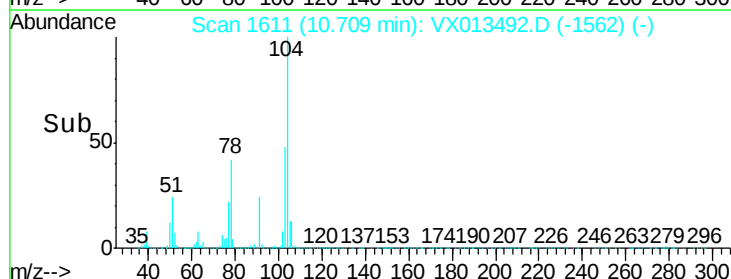
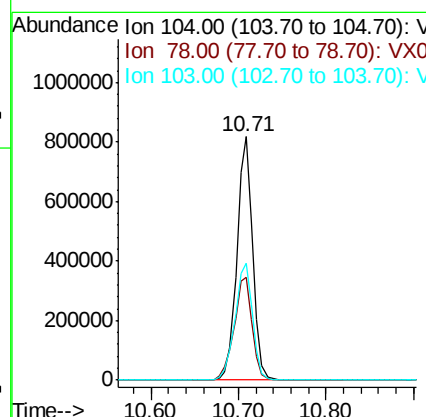
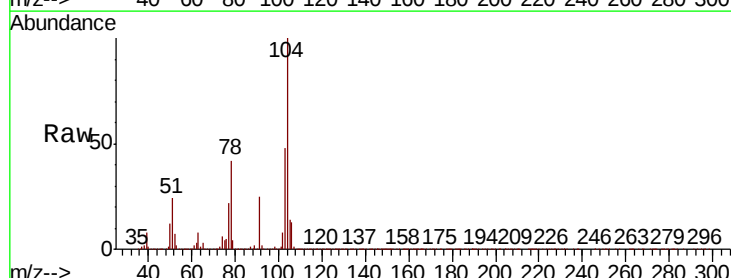
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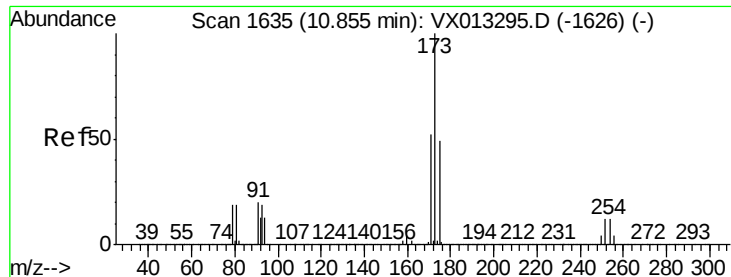
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#70
Styrene
Concen: 54.693 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion:104 Resp: 1031268
Ion Ratio Lower Upper
104 100
78 48.2 40.0 60.0
103 53.6 44.1 66.1





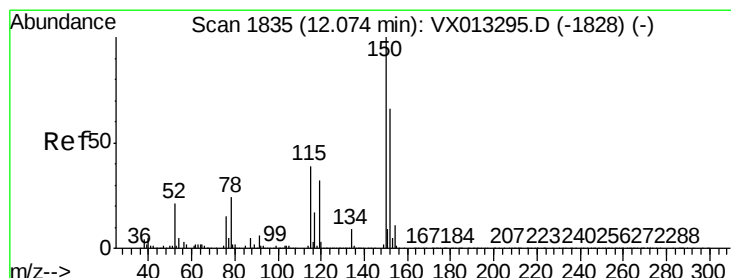
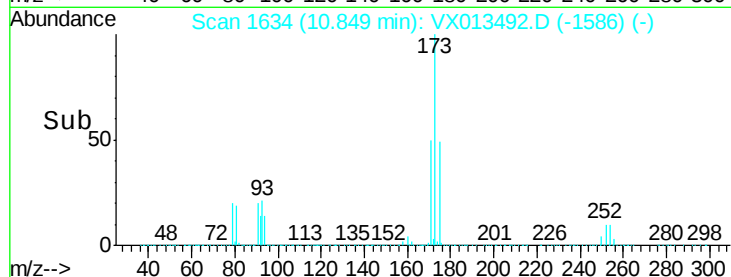
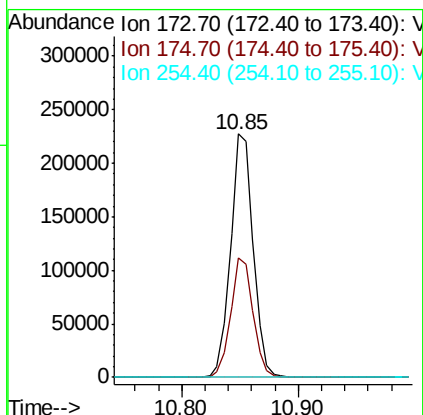
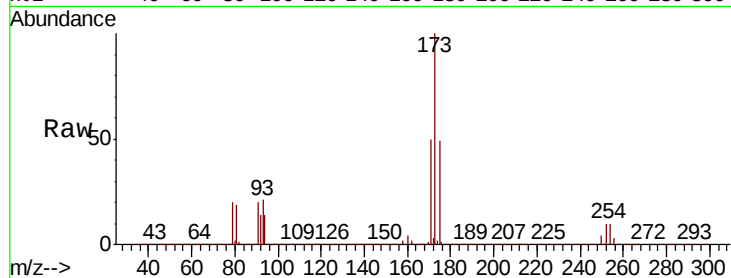
#71
Bromoform
Concen: 50.885 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.4
254	0.2	0.2	0.2

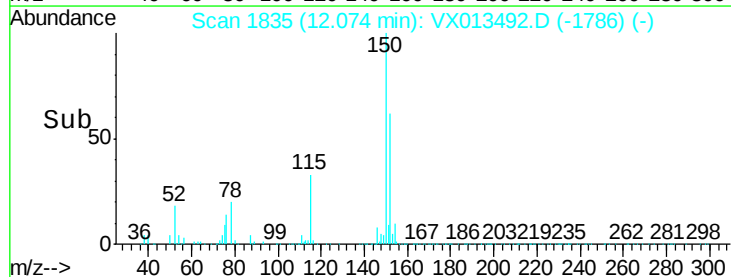
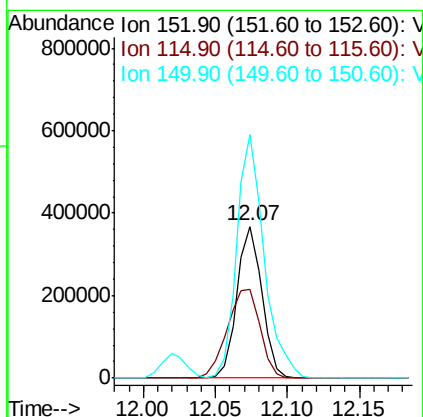
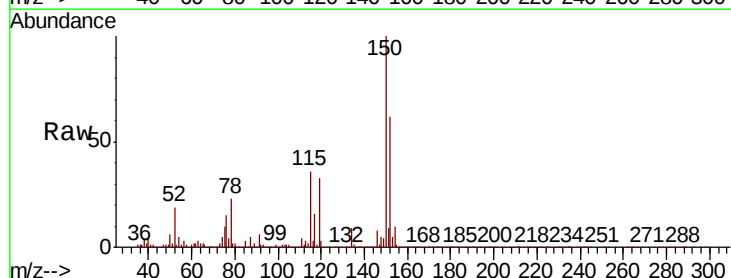
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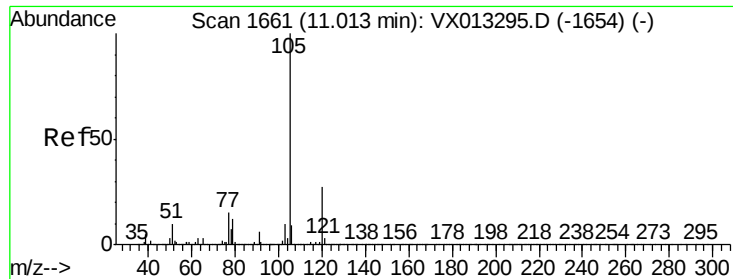
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.3	39.5	118.3
150	175.3	0.0	344.4





#73

Isopropylbenzene

Concen: 52.282 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1540702

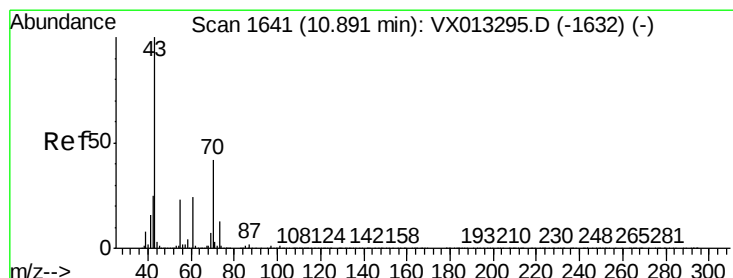
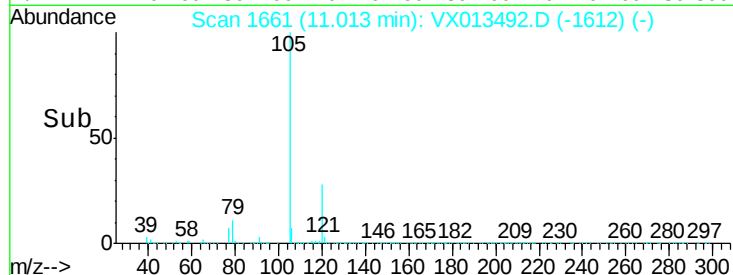
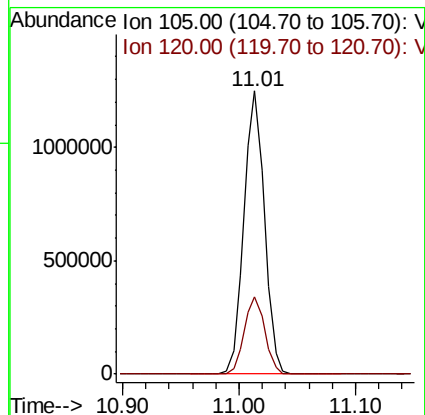
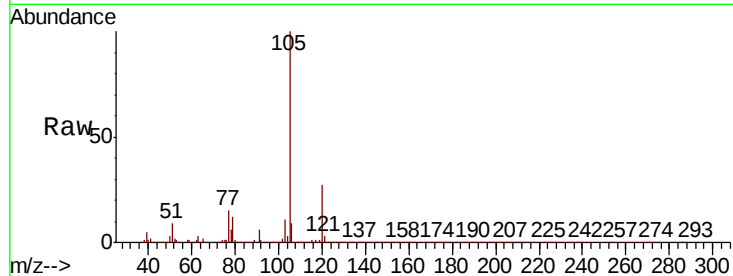
Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5

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#74

N-ethyl acetate

Concen: 56.427 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion: 43 Resp: 771110

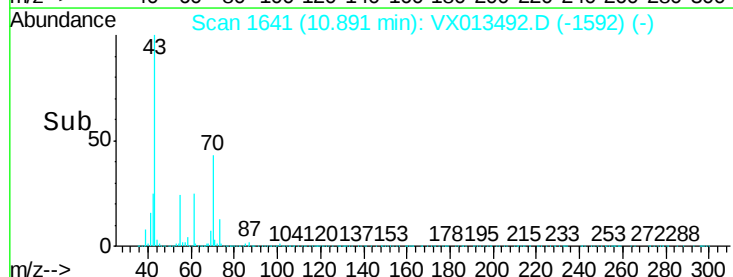
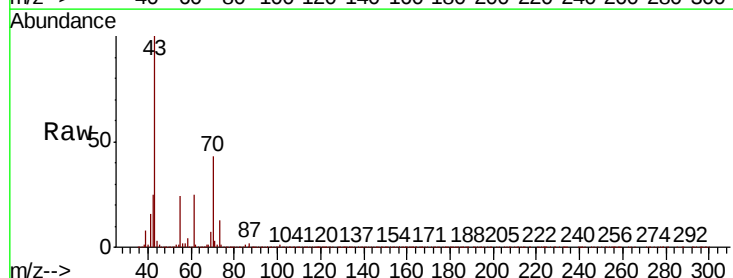
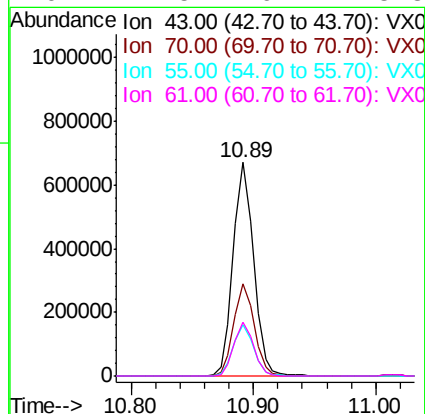
Ion Ratio Lower Upper

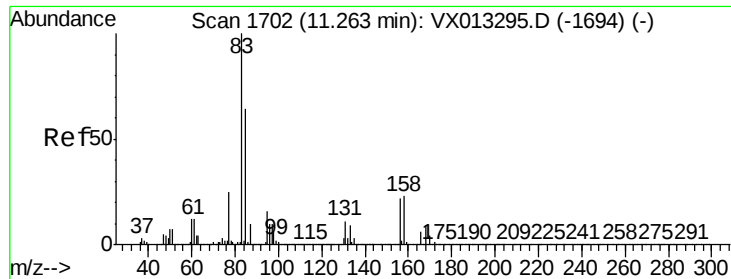
43 100

70 43.4 34.1 51.1

55 23.9 18.9 28.3

61 24.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.436 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

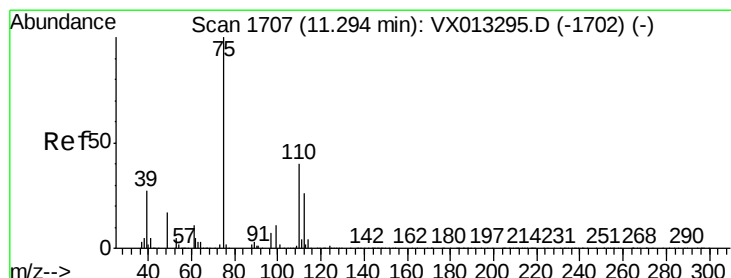
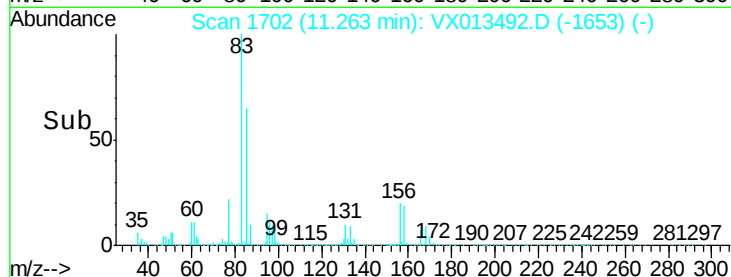
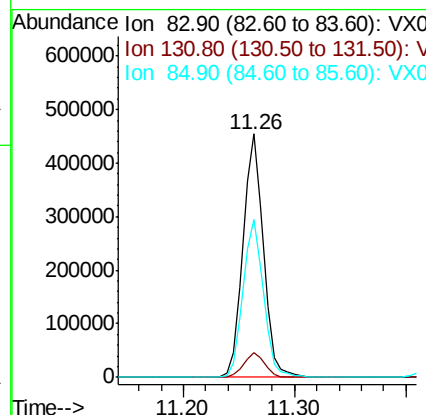
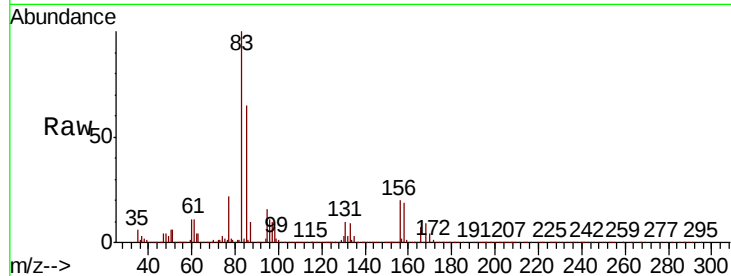
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	574484
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 50.517 ug/l m

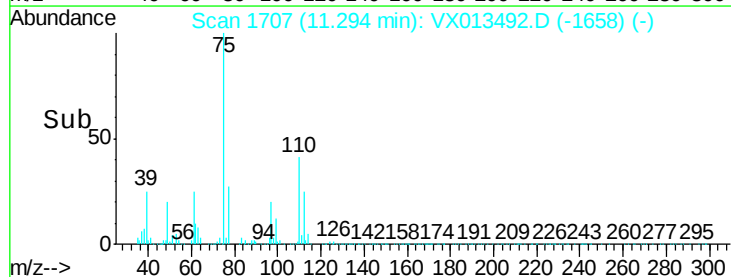
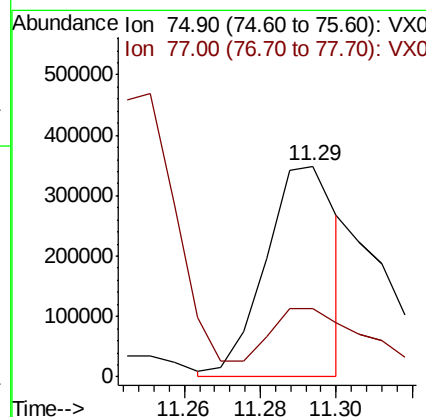
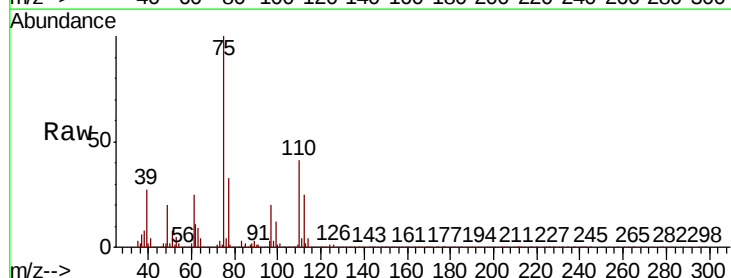
RT: 11.29 min Scan# 1707

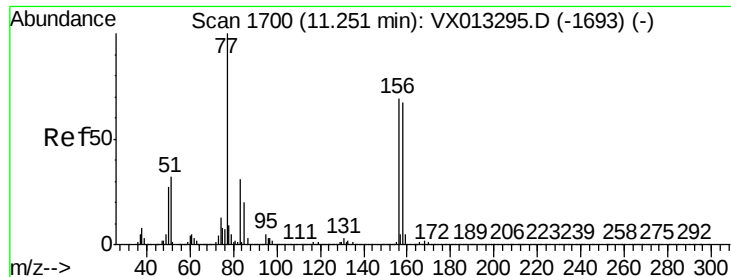
Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion:	75	Resp:	456058
Ion Ratio	Lower	Upper	
75	100		
77	47.1	22.3	66.8





#77

Bromobenzene

Concen: 53.146 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

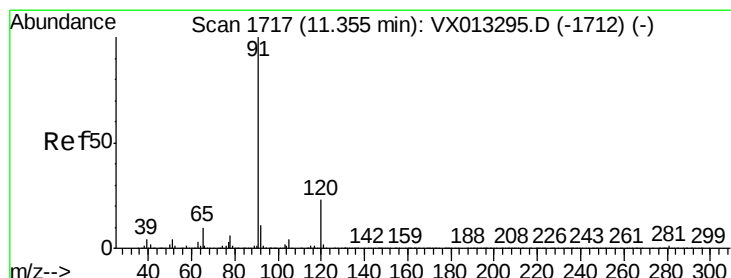
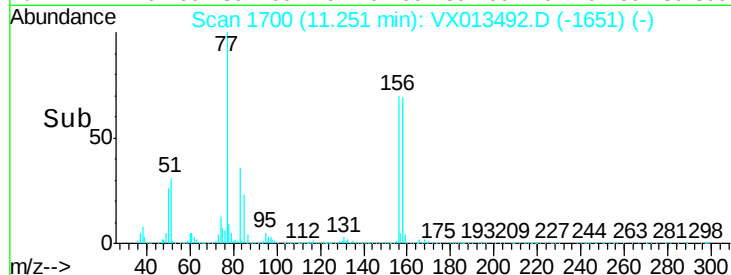
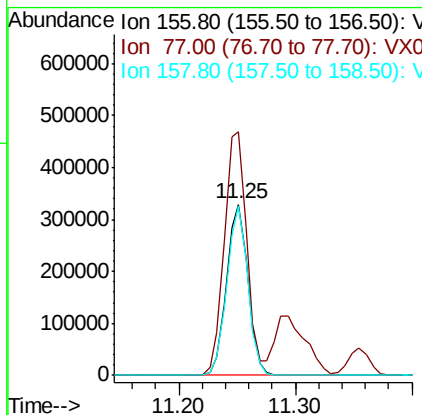
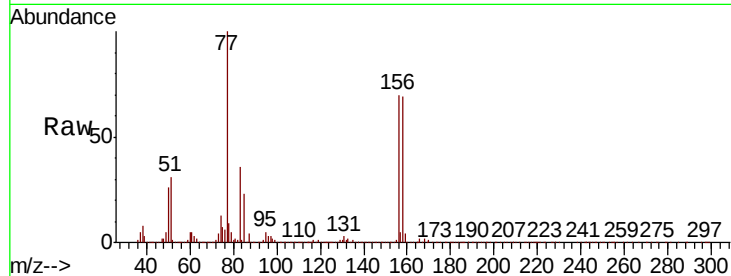
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	417521
Ion Ratio	Lower	Upper	
156	100		
77	148.1	75.8	227.4
158	96.6	47.6	142.8

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#78

n-propylbenzene

Concen: 53.143 ug/l

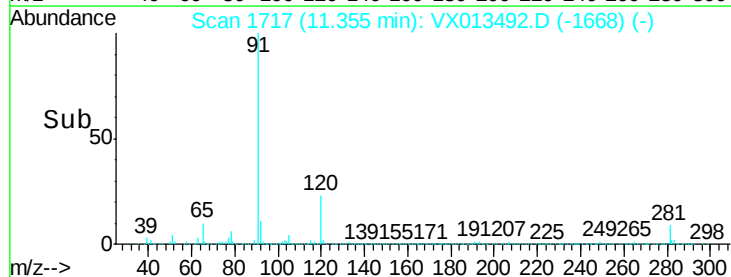
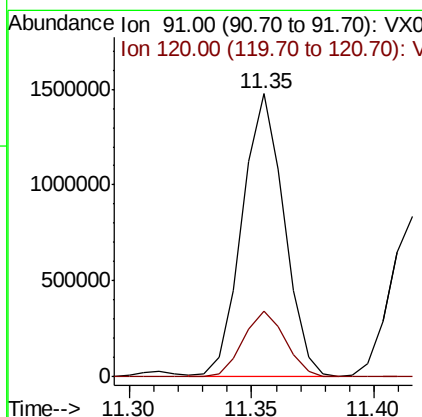
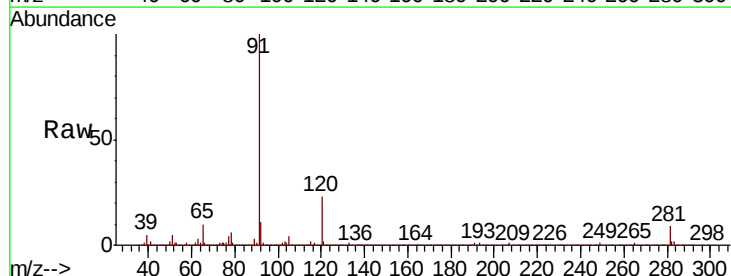
RT: 11.35 min Scan# 1717

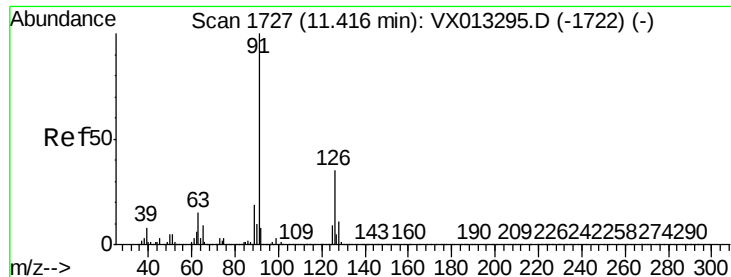
Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion:	91	Resp:	1744525
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.6	34.8





#79

2-Chlorotoluene

Concen: 52.678 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1041874

Ion Ratio Lower Upper

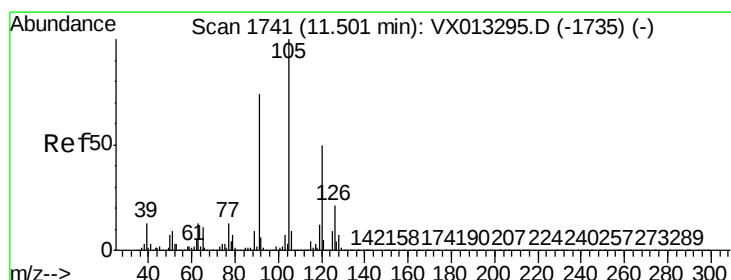
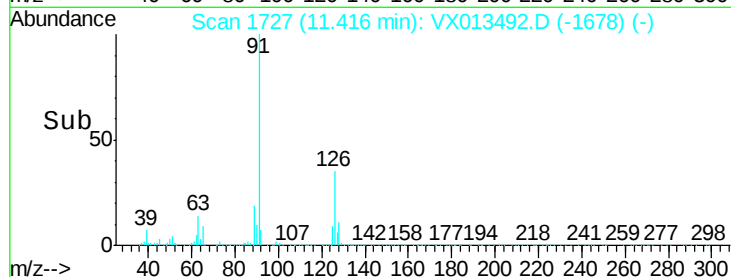
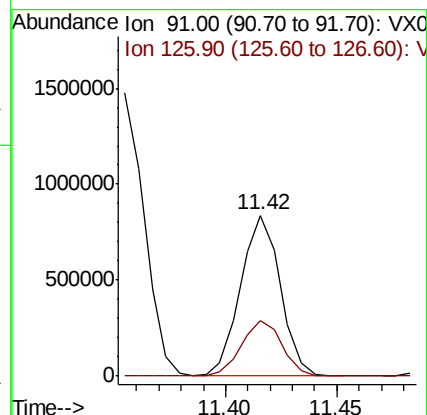
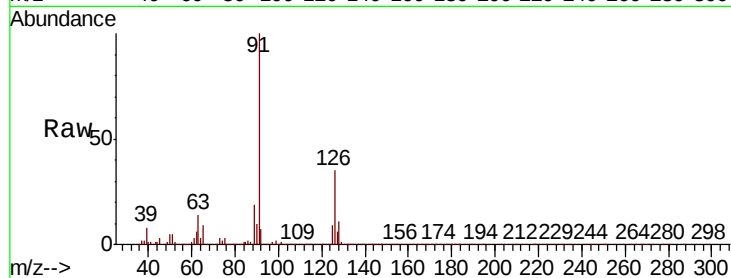
91 100

126 35.2 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 52.996 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013492.D

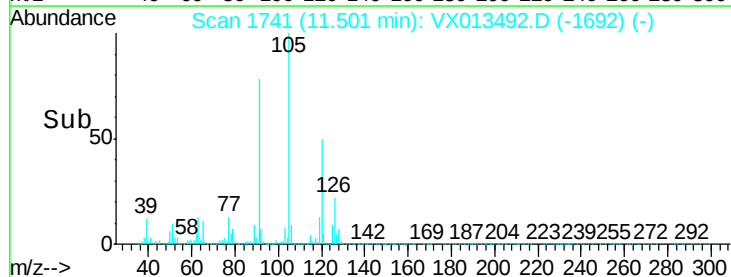
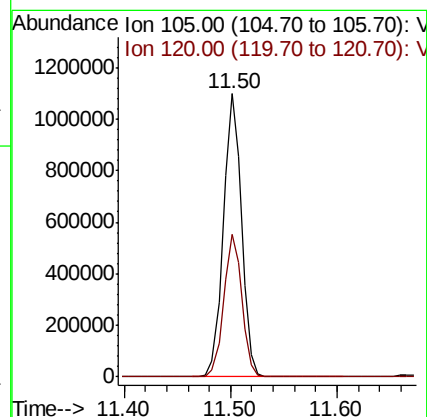
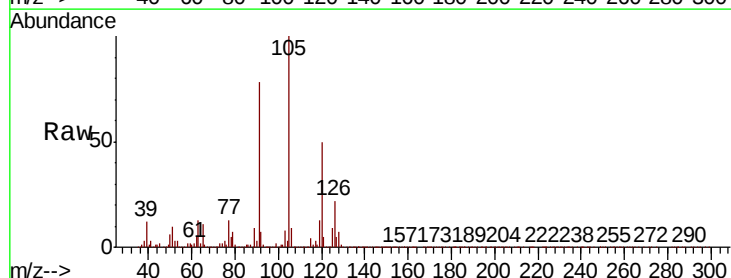
Acq: 21 Nov 2019 10:33

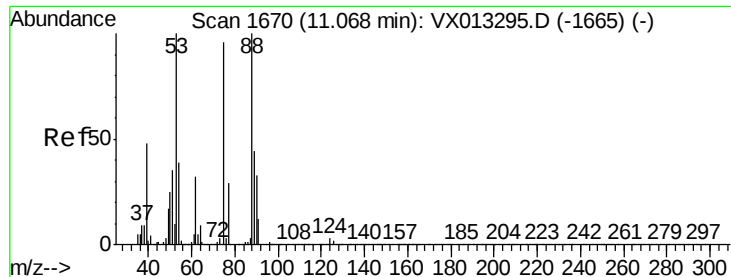
Tgt Ion: 105 Resp: 1300854

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.8





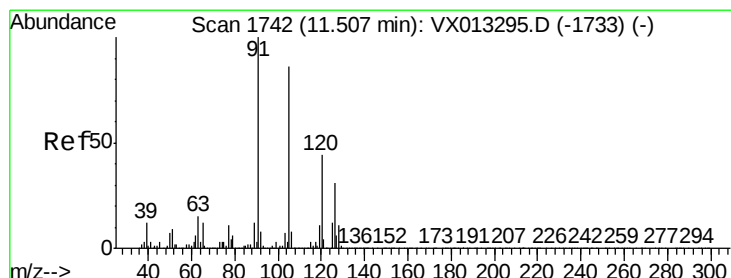
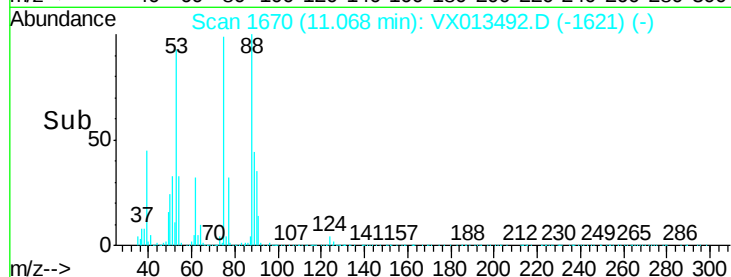
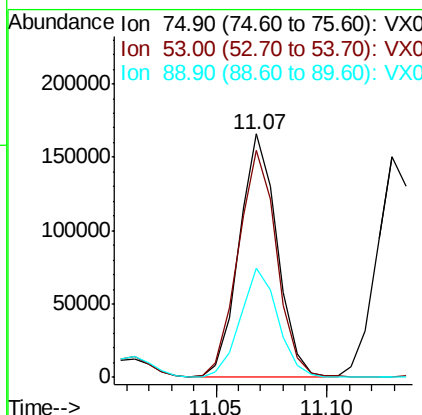
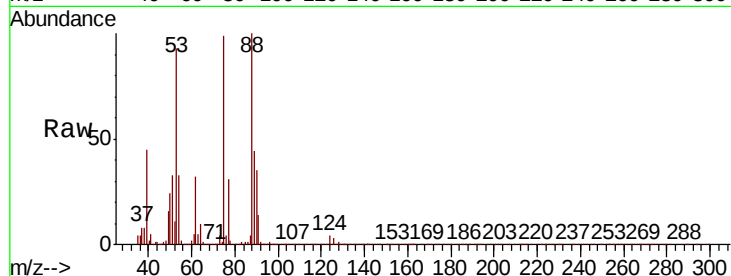
#81
trans-1,4-Dichloro-2-butene
Concen: 56.251 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.6	81.0	121.6
89	44.9	36.0	54.0

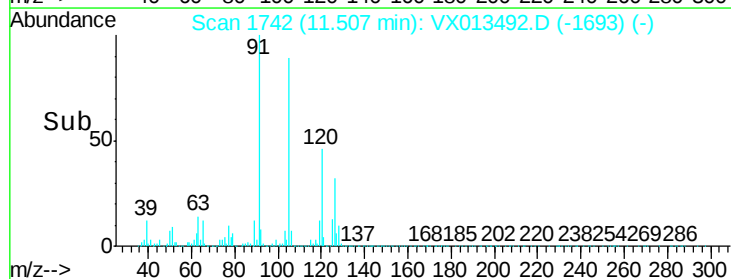
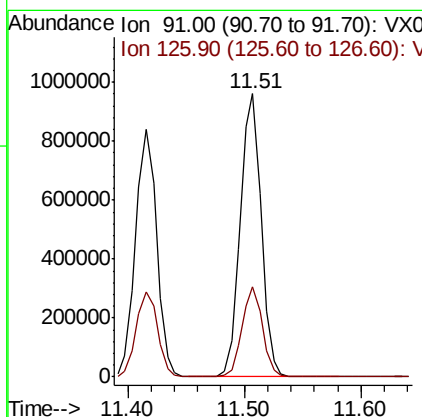
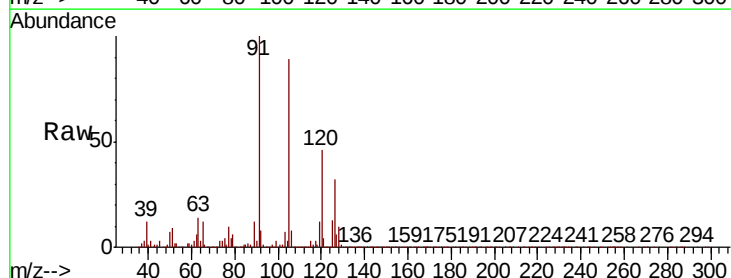
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#82
4-Chlorotoluene
Concen: 52.199 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





#83

tert-Butylbenzene

Concen: 54.010 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1334553

Ion Ratio Lower Upper

119 100

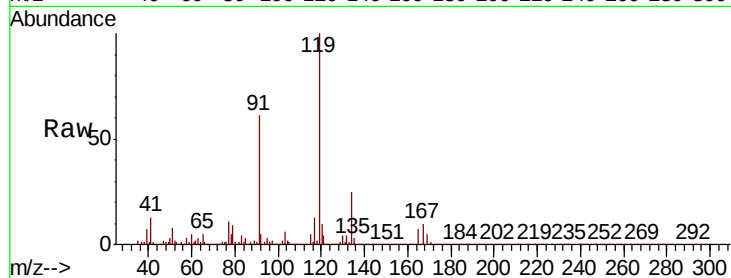
91 53.7 26.9 80.7

134 23.7 11.7 35.1

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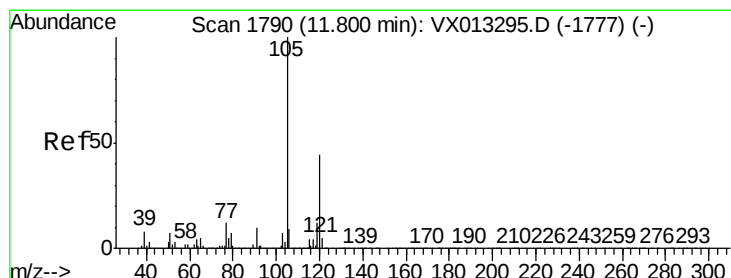
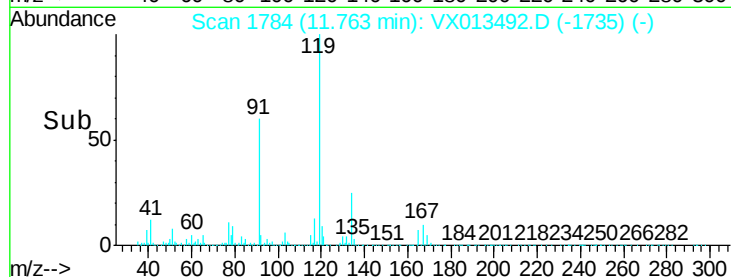
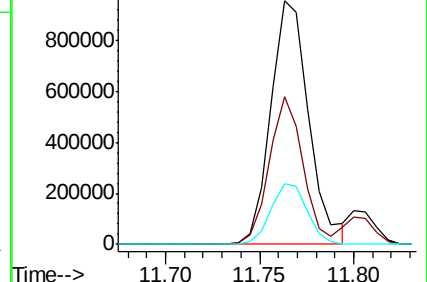
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.809 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013492.D

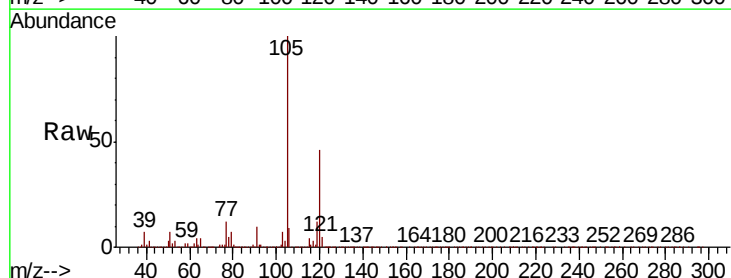
Acq: 21 Nov 2019 10:33

Tgt Ion:105 Resp: 1324978

Ion Ratio Lower Upper

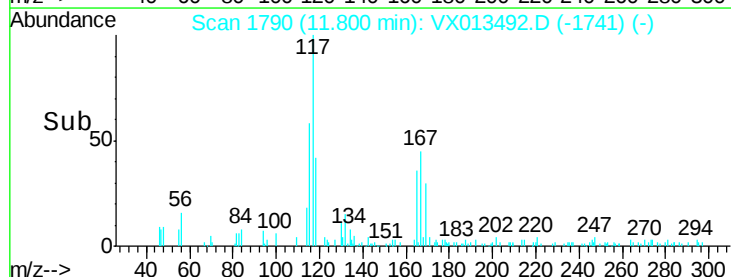
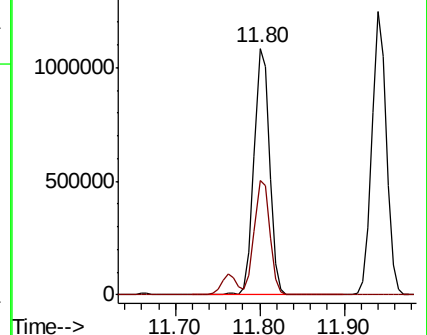
105 100

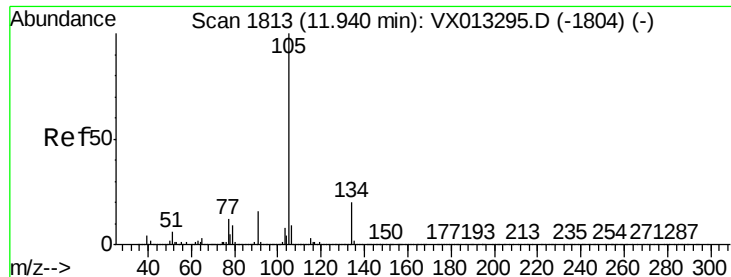
120 46.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





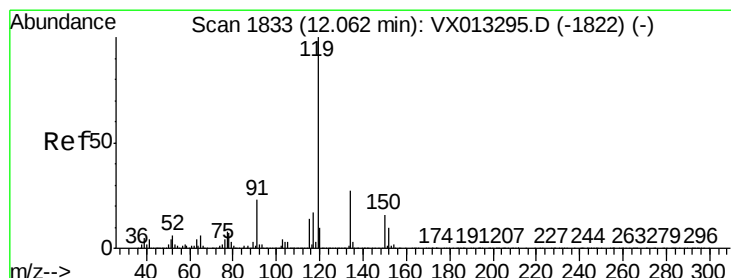
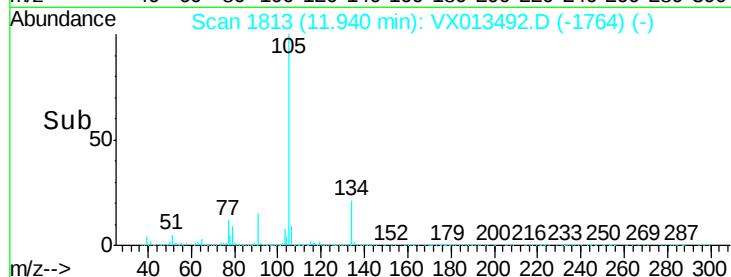
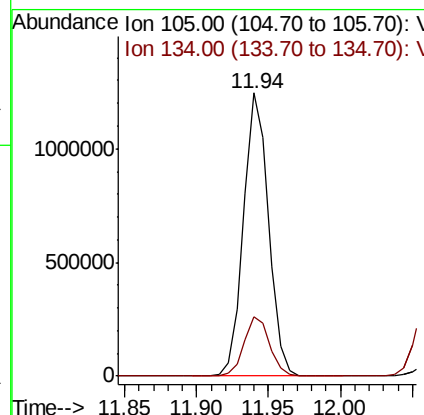
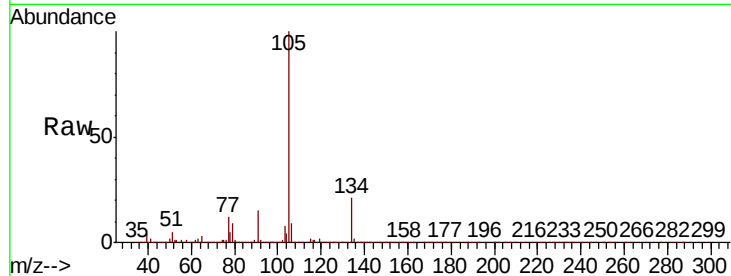
#85
 sec-Butylbenzene
 Concen: 52.706 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1496757
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.3 30.9

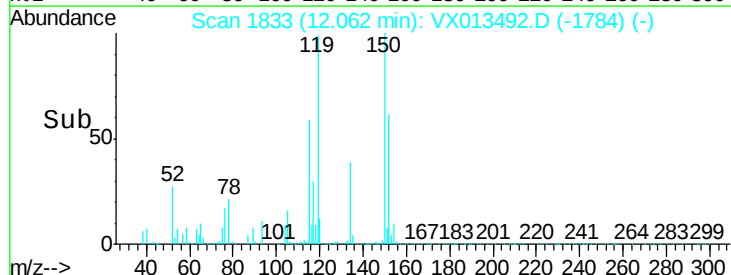
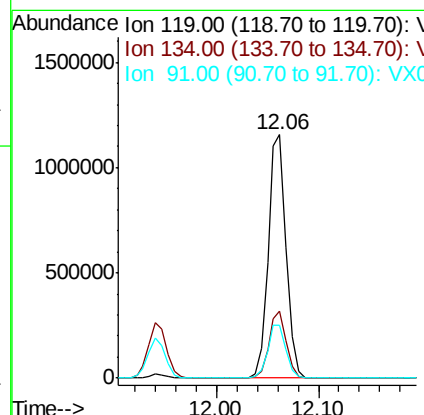
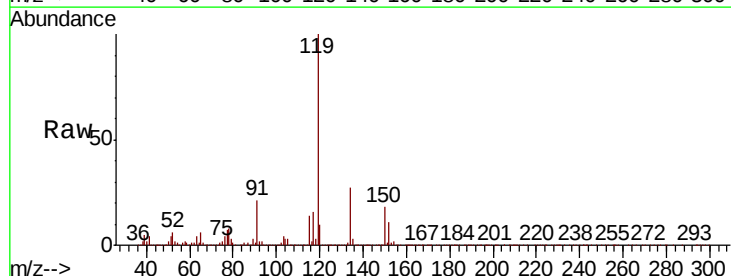
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#86
 p-Isopropyltoluene
 Concen: 53.740 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Tgt Ion:119 Resp: 1405292
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.3 11.5 34.4





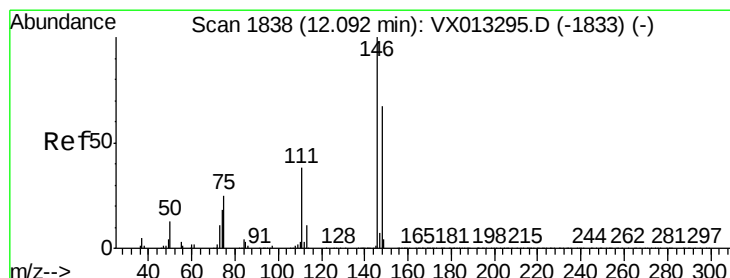
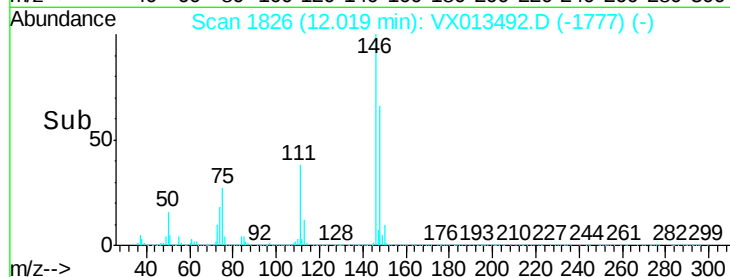
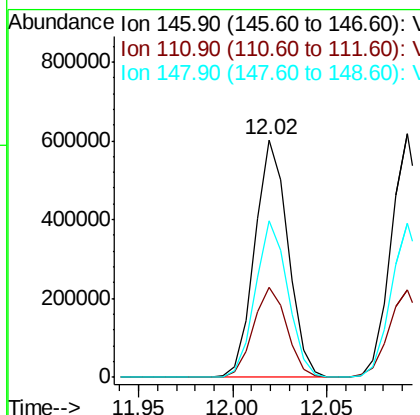
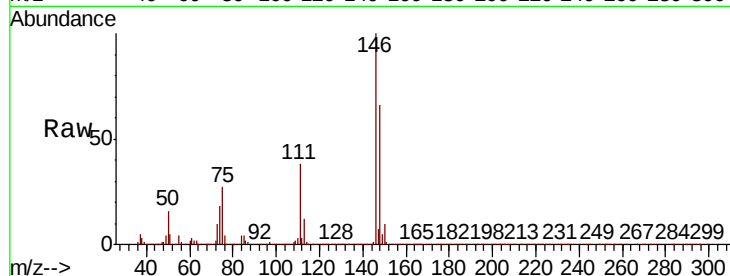
#87
 1,3-Dichlorobenzene
 Concen: 52.457 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	64.7	31.9	95.7

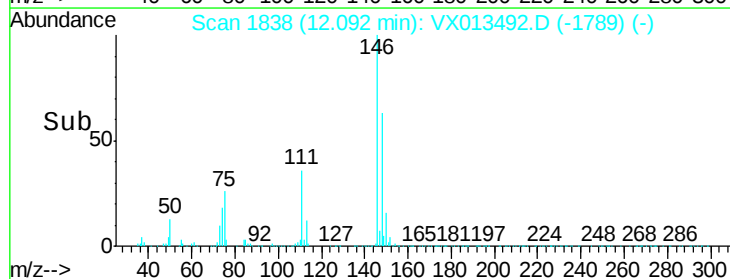
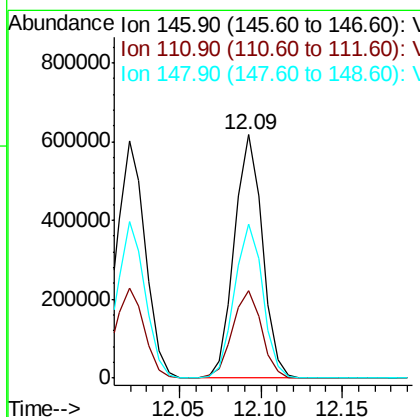
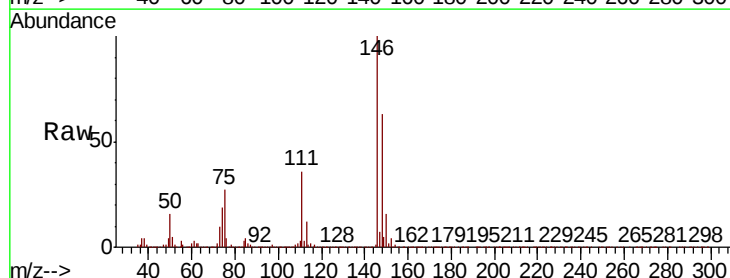
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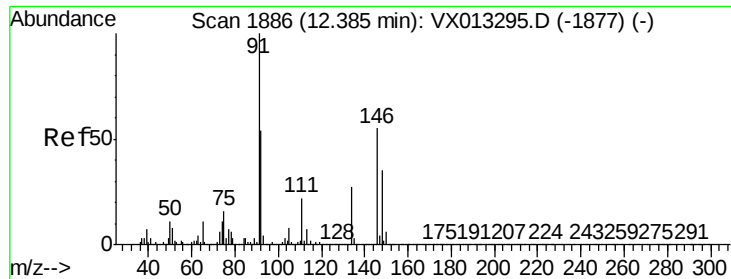
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#88
 1,4-Dichlorobenzene
 Concen: 51.894 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	63.6	32.4	97.0





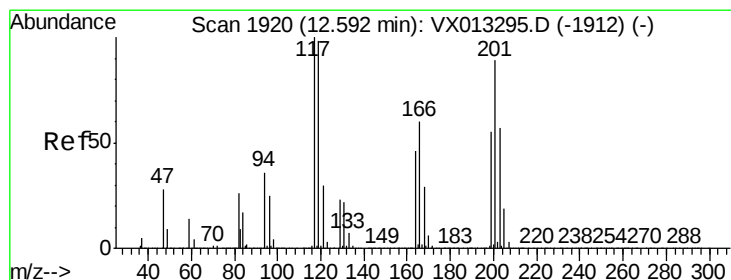
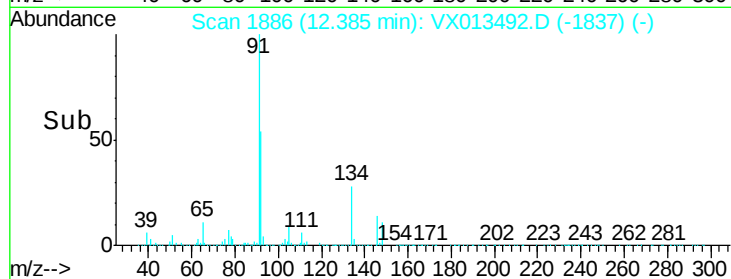
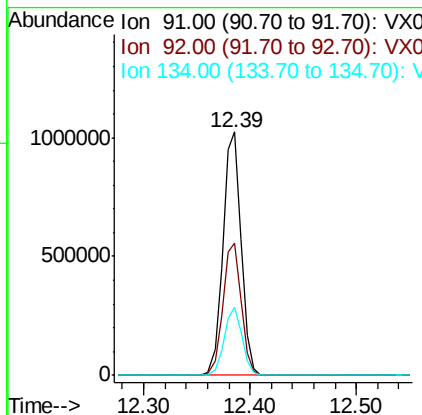
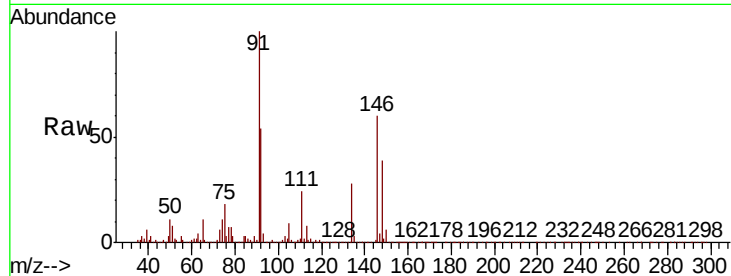
#89
n-Butylbenzene
Concen: 53.303 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.3	81.8
134	27.4	13.5	40.5

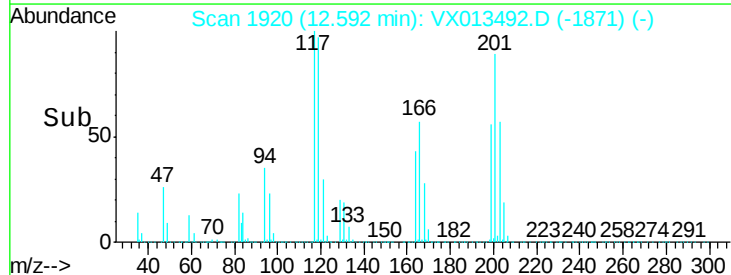
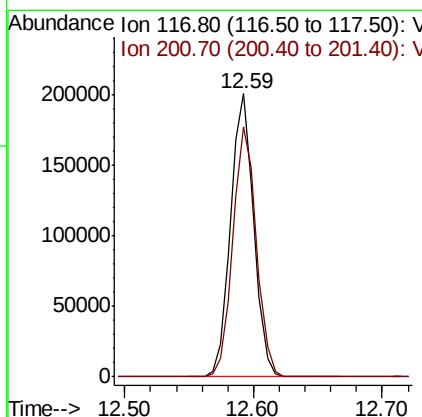
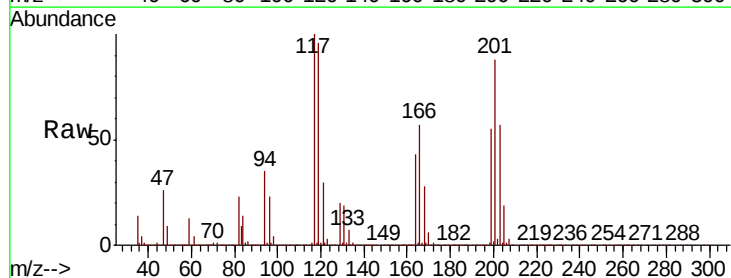
Manual Integrations
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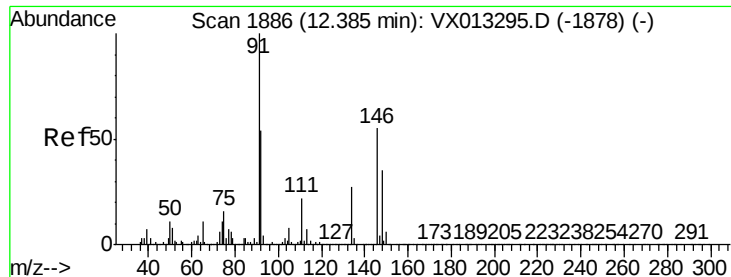
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#90
Hexachloroethane
Concen: 54.416 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013492.D
Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	43.9	131.7





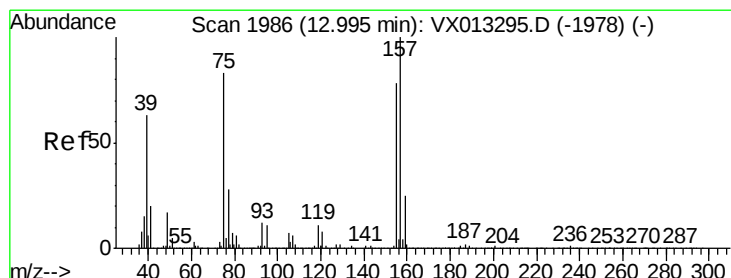
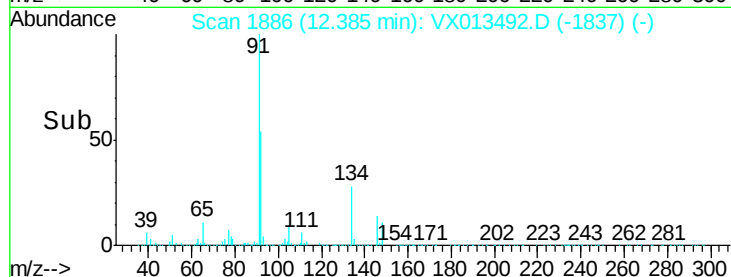
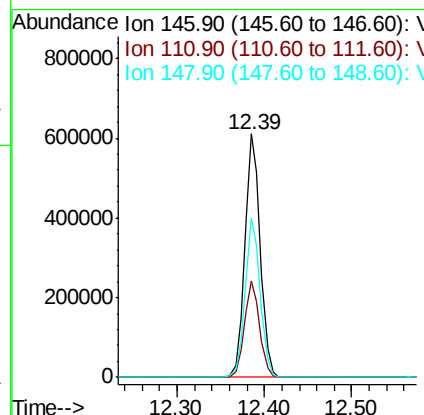
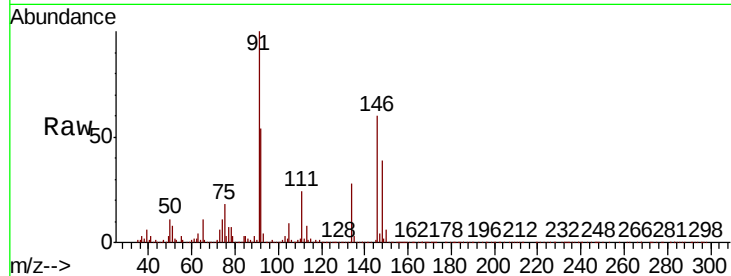
#91
 1,2-Dichlorobenzene
 Concen: 53.687 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	751510		
111	39.0	20.1	60.2	
148	64.2	32.0	96.0	

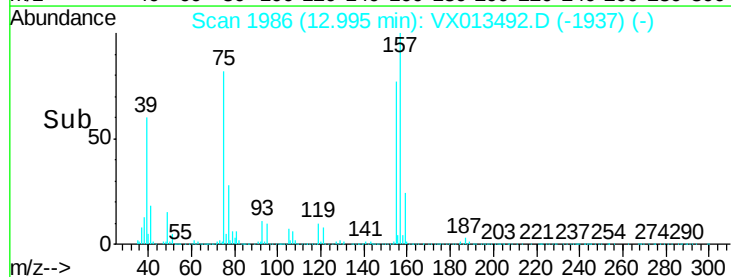
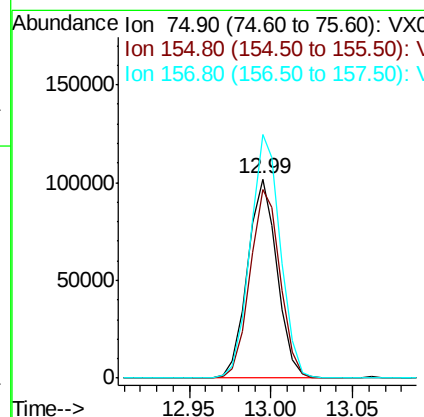
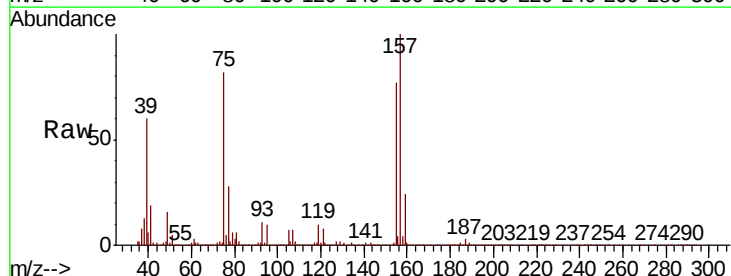
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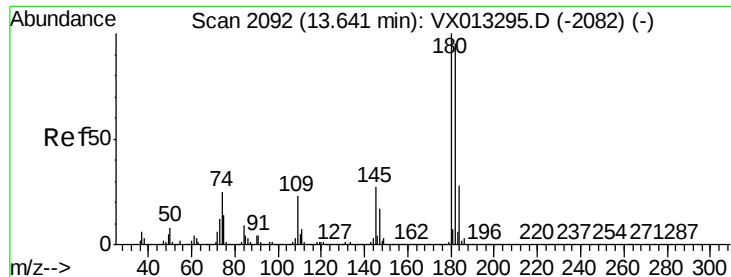
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.949 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013492.D
 Acq: 21 Nov 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	128210		
155	96.8	47.1	141.4	
157	125.7	61.3	183.8	





#93

1,2,4-Trichlorobenzene

Concen: 54.832 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

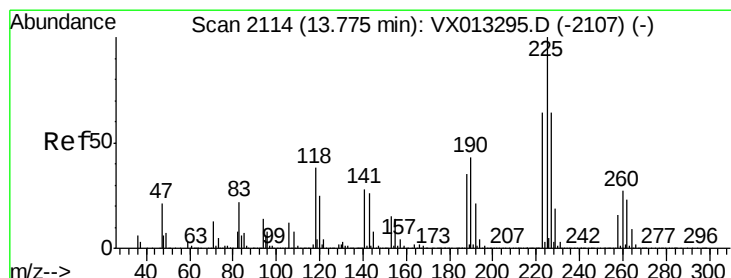
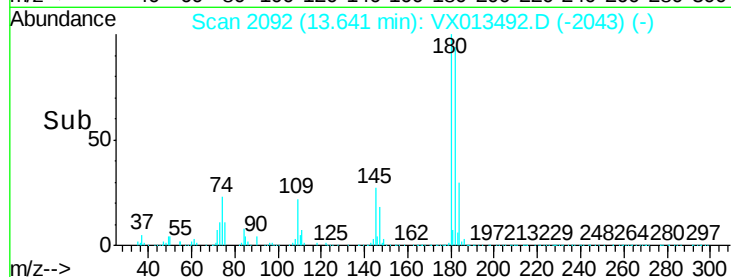
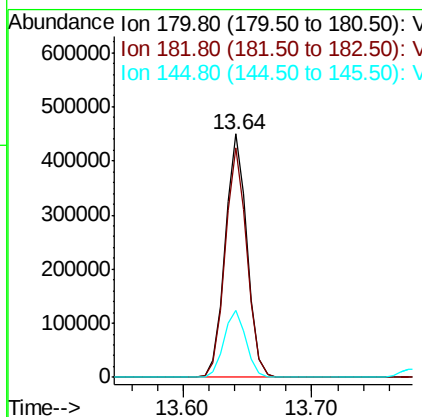
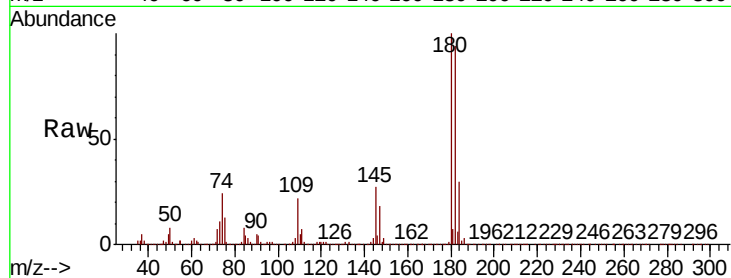
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	535399
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.4	145.0
145	28.0	14.1	42.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 51.442 ug/l

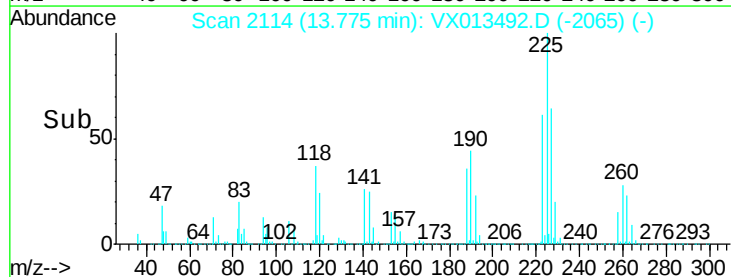
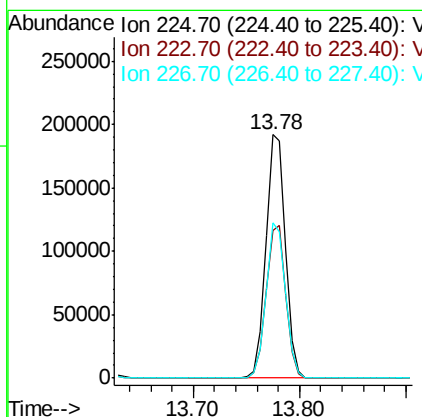
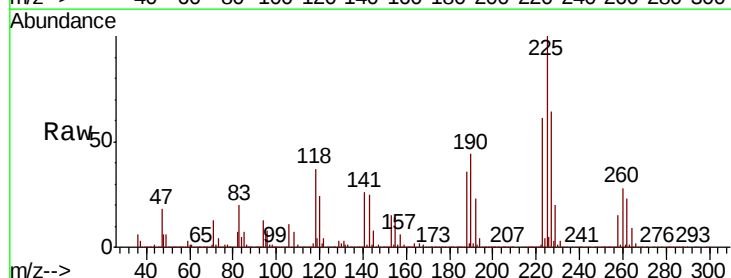
RT: 13.78 min Scan# 2114

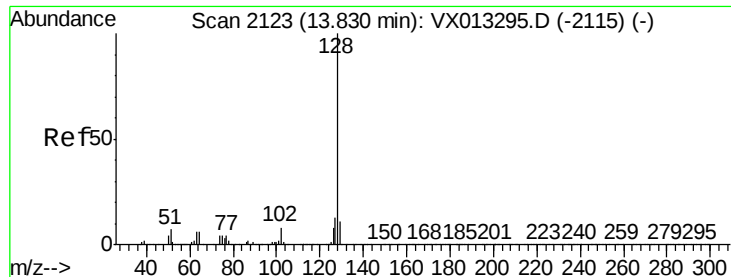
Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Tgt Ion:	225	Resp:	245741
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.9	95.7
227	63.9	31.9	95.9





#95

Naphthalene

Concen: 54.507 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1669848

Ion Ratio Lower Upper

128 100

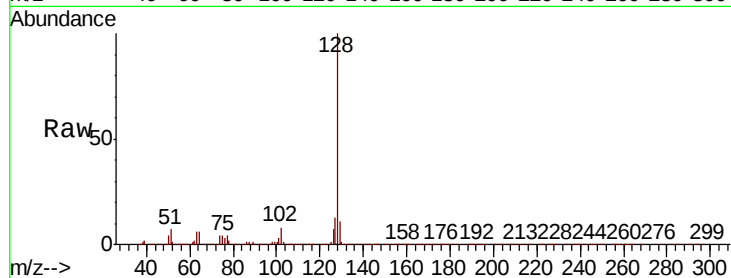
127 12.9 10.2 15.2

129 11.0 8.5 12.7

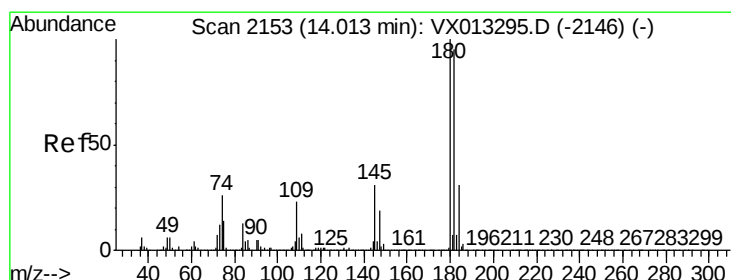
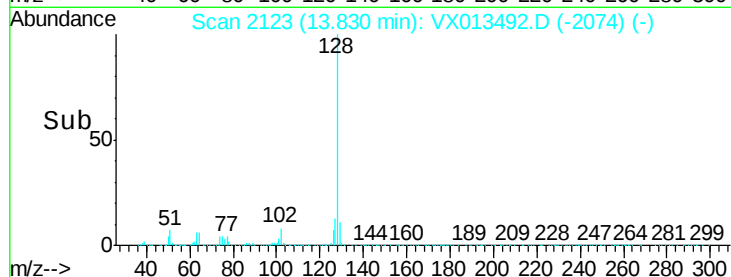
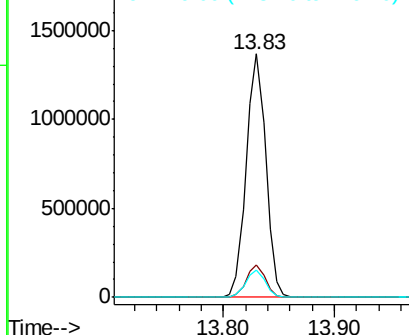
Manual Integrations
APPROVED

MMDadoda

11/22/2019 8:44:40 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: 54.717 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013492.D

Acq: 21 Nov 2019 10:33

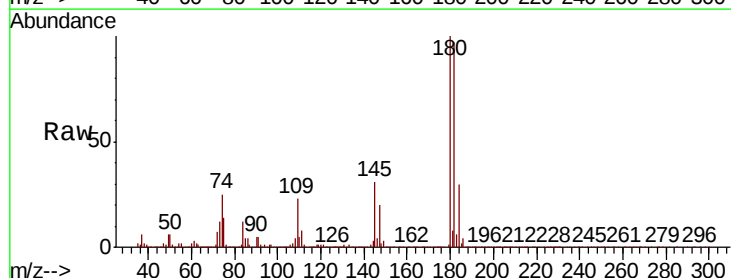
Tgt Ion:180 Resp: 535811

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.2

145 29.8 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

