

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013460.D
 Acq On : 19 Nov 2019 12:44
 Operator : JC/SP
 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:17:49 AM

Quant Time: Nov 19 16:27:58 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	641466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1006828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	891161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	344452	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	5.48	113	285417	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
50) Toluene-d8	8.71	98	1062527	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	11.14	95	382080	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	126330	17.092	ug/l	97
3) Chloromethane	1.32	50	151028	18.843	ug/l	100
4) Vinyl Chloride	1.40	62	173529	19.017	ug/l	100
5) Bromomethane	1.63	94	105848	16.646	ug/l	96
6) Chloroethane	1.72	64	97430	17.914	ug/l	93
7) Trichlorofluoromethane	1.92	101	191036	17.721	ug/l	99
8) Diethyl Ether	2.18	74	90898	19.067	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118980	19.802	ug/l	98
10) Methyl Iodide	2.50	142	121948	16.393	ug/l	99
11) Tert butyl alcohol	3.03	59	187207	93.463	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116925	19.871	ug/l	96
13) Acrolein	2.28	56	86729	79.893	ug/l	97
14) Allyl chloride	2.72	41	216719	20.271	ug/l	95
15) Acrylonitrile	3.13	53	393607	105.200	ug/l	99
16) Acetone	2.43	43	342351	90.318	ug/l	100
17) Carbon Disulfide	2.56	76	277561	17.624	ug/l	99
18) Methyl Acetate	2.76	43	230481	22.024	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	417492	21.273	ug/l	97
20) Methylene Chloride	2.85	84	137014	19.564	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	127329	19.875	ug/l	96
22) Diisopropyl ether	3.84	45	442888	21.457	ug/l	95
23) Vinyl Acetate	3.80	43	1839209	104.134	ug/l	100
24) 1,1-Dichloroethane	3.69	63	237560	20.574	ug/l	99
25) 2-Butanone	4.65	43	558616	100.457	ug/l	99
26) 2,2-Dichloropropane	4.57	77	184273	20.061	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	153701	21.416	ug/l	98
28) Bromochloromethane	5.01	49	78738	24.017	ug/l	99
29) Tetrahydrofuran	5.12	42	354599	103.479	ug/l	100
30) Chloroform	5.20	83	243011	21.314	ug/l	99
31) Cyclohexane	5.57	56	197128	18.973	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	195960	19.972	ug/l	98
36) 1,1-Dichloropropene	5.79	75	168669	19.528	ug/l	98
37) Ethyl Acetate	4.82	43	206526	19.351	ug/l	100
38) Carbon Tetrachloride	5.78	117	165999	19.654	ug/l	97

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 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1119WBS01

Manual Integrations
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 11/20/2019 9:17:49 AM

Quant Time: Nov 19 16:27:58 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)
39) Methylcyclohexane	7.46	83	197219	18.325	ug/l	96
40) Benzene	6.14	78	531919	19.770	ug/l	100
41) Methacrylonitrile	5.03	41	116303	19.442	ug/l	98
42) 1,2-Dichloroethane	6.18	62	191366	19.719	ug/l	98
43) Isopropyl Acetate	6.43	43	333350	20.058	ug/l	99
44) Trichloroethene	7.21	130	142052	19.181	ug/l	98
45) 1,2-Dichloropropane	7.51	63	140182	20.449	ug/l	96
46) Dibromomethane	7.65	93	91612	19.573	ug/l	98
47) Bromodichloromethane	7.89	83	181507	20.564	ug/l	95
48) Methyl methacrylate	7.76	41	166609	20.083	ug/l	98
49) 1,4-Dioxane	7.73	88	73912	389.032	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1094648	100.391	ug/l	99
52) Toluene	8.78	92	334261	20.045	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	191270	19.818	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	218801	20.267	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	141742	20.507	ug/l	99
56) Ethyl methacrylate	9.17	69	218754	19.522	ug/l	98
57) 1,3-Dichloropropane	9.37	76	238807	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	437488	92.571	ug/l	100
59) 2-Hexanone	9.48	43	840027	99.692	ug/l	100
60) Dibromochloromethane	9.57	129	139823	19.780	ug/l	100
61) 1,2-Dibromoethane	9.67	107	144956	19.750	ug/l	99
64) Tetrachloroethene	9.33	164	124471	19.511	ug/l	98
65) Chlorobenzene	10.14	112	359031	19.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	133816	20.200	ug/l	99
67) Ethyl Benzene	10.25	91	632171	20.302	ug/l	100
68) m/p-Xylenes	10.35	106	473698	40.225	ug/l	100
69) o-Xylene	10.70	106	233186	20.225	ug/l	98
70) Styrene	10.71	104	391994	20.339	ug/l	99
71) Bromoform	10.85	173	110449	20.033	ug/l	100
73) Isopropylbenzene	11.01	105	623602	21.803	ug/l	100
74) N-amyl acetate	10.89	43	289818	21.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	225997	21.659	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207478m	23.679	ug/l	
77) Bromobenzene	11.25	156	163213	21.405	ug/l	99
78) n-propylbenzene	11.35	91	686396	21.544	ug/l	100
79) 2-Chlorotoluene	11.42	91	414763	21.607	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	513913	21.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68110	20.008	ug/l	98
82) 4-Chlorotoluene	11.51	91	463752	20.638	ug/l	100
83) tert-Butylbenzene	11.76	119	522711	21.796	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	511472	21.402	ug/l	99
85) sec-Butylbenzene	11.94	105	590406	21.421	ug/l	100
86) p-Isopropyltoluene	12.06	119	532743	20.990	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	272624	20.058	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	277527	20.041	ug/l	99
89) n-Butylbenzene	12.38	91	435200	19.651	ug/l	99
90) Hexachloroethane	12.59	117	96426	21.324	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	279253	20.554	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49031	19.287	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

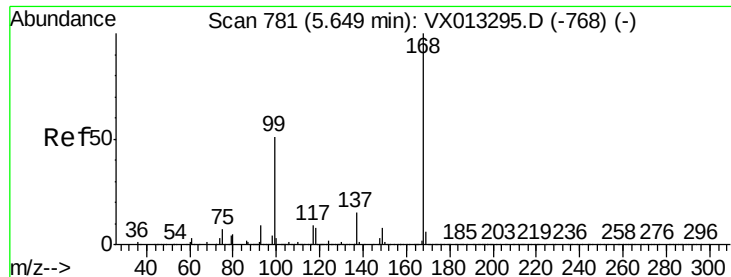
Manual Integrations
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11/20/2019 9:17:49 AM

Quant Time: Nov 19 16:27:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	182548	19.263	ug/l	98
94) Hexachlorobutadiene	13.77	225	86564	18.670	ug/l	99
95) Naphthalene	13.83	128	572102	19.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	188907	19.876	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion:168 Resp: 641466

Ion Ratio Lower Upper

168 100

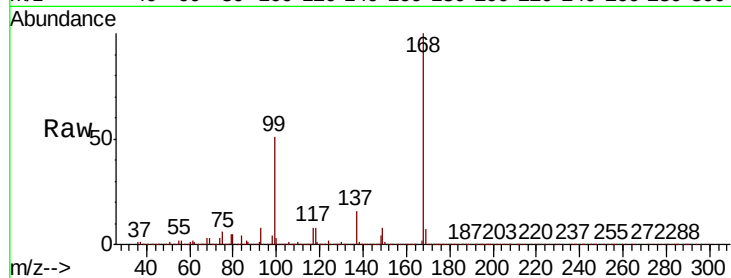
99 50.7 40.8 61.2

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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

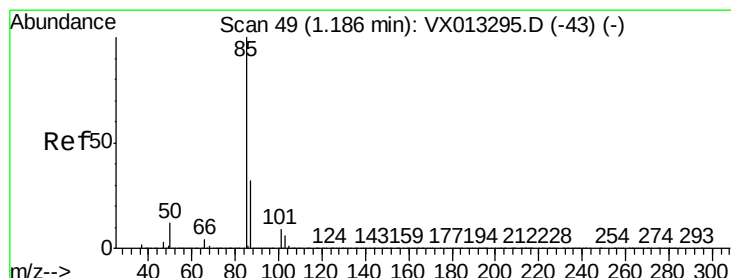
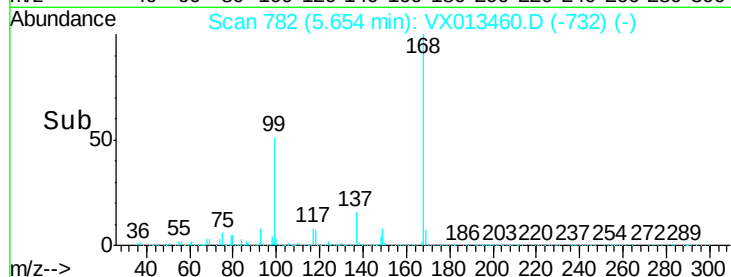
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.092 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013460.D

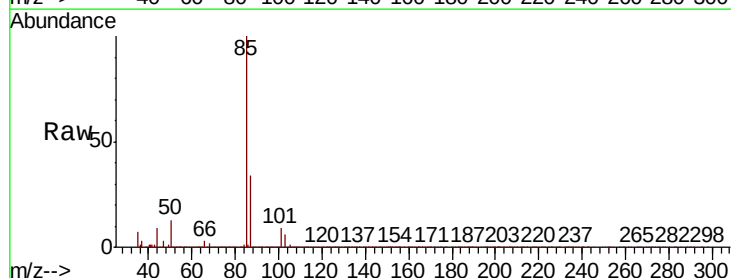
Acq: 19 Nov 2019 12:44

Tgt Ion: 85 Resp: 126330

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

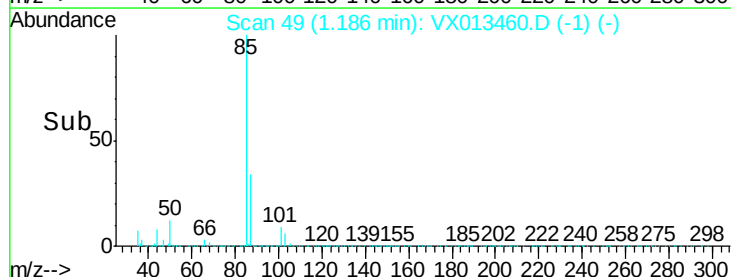
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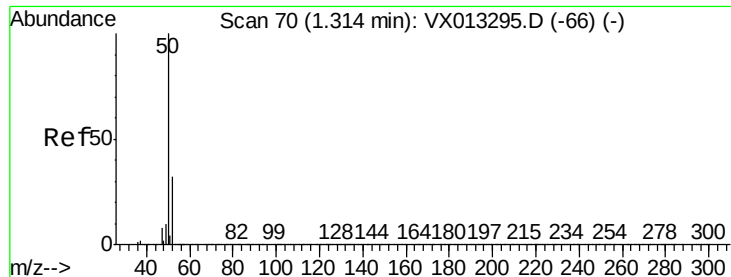
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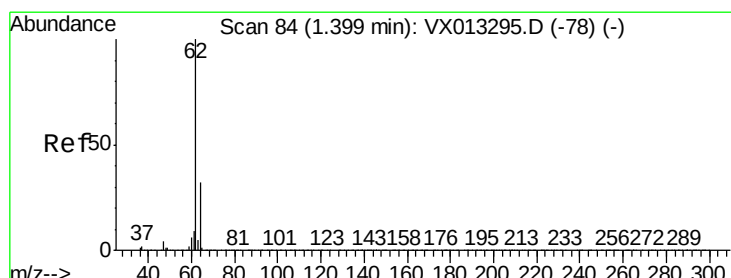
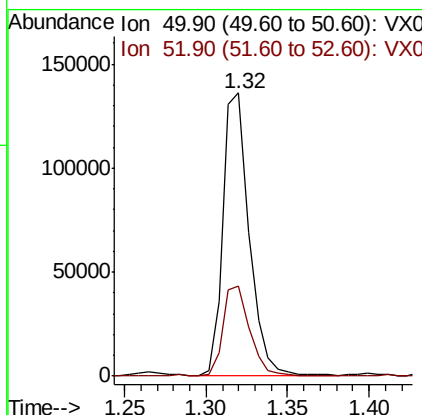
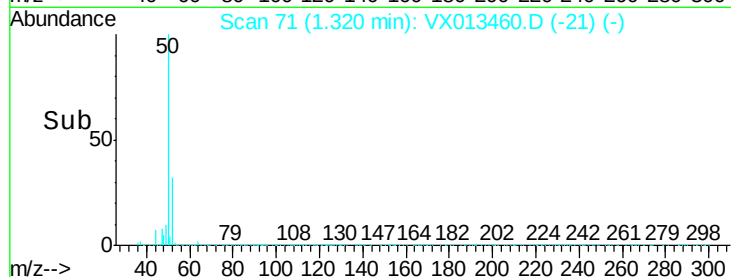
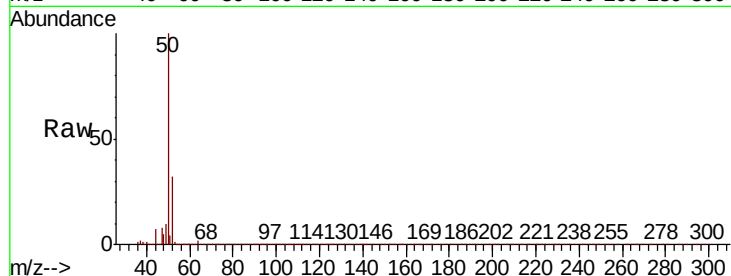
#3
Chloromethane
Concen: 18.843 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.5	38.3

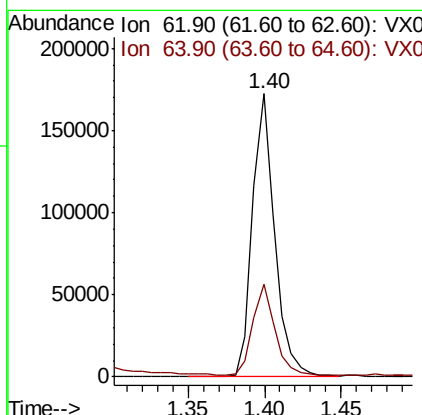
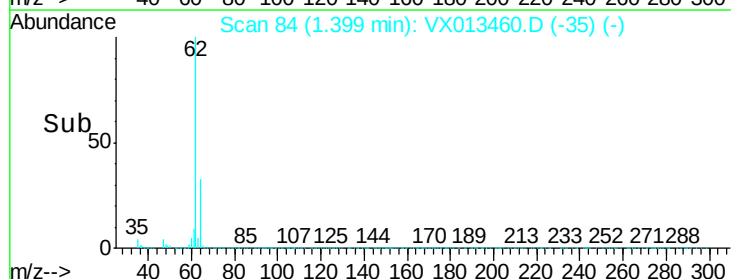
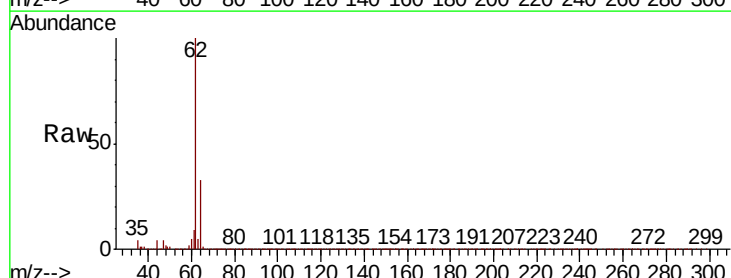
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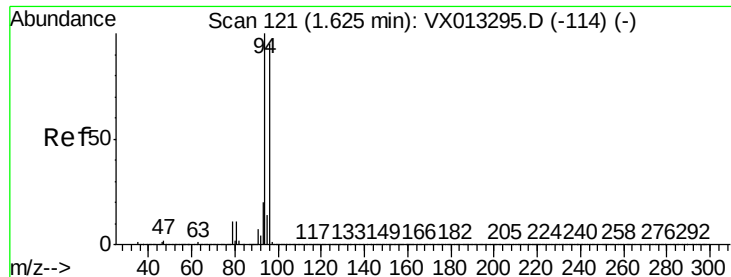
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#4
Vinyl Chloride
Concen: 19.017 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.6	38.4





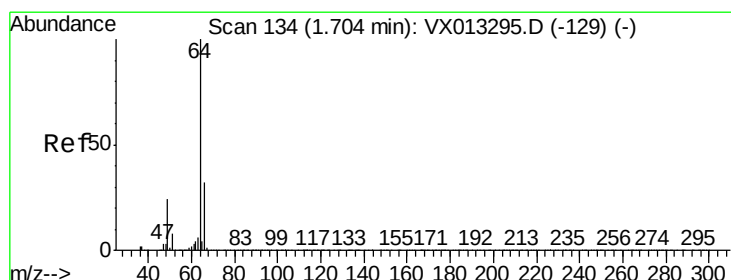
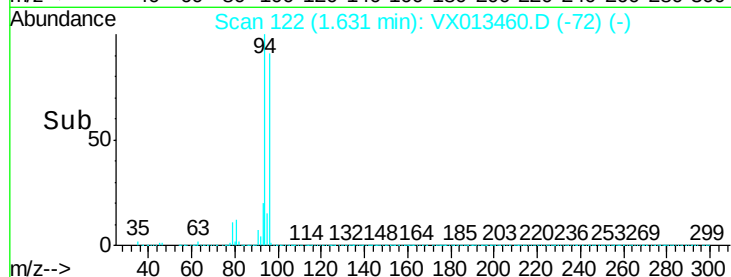
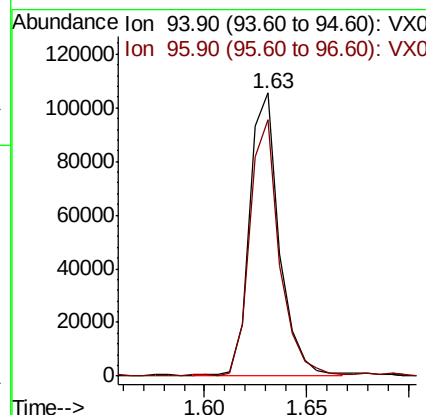
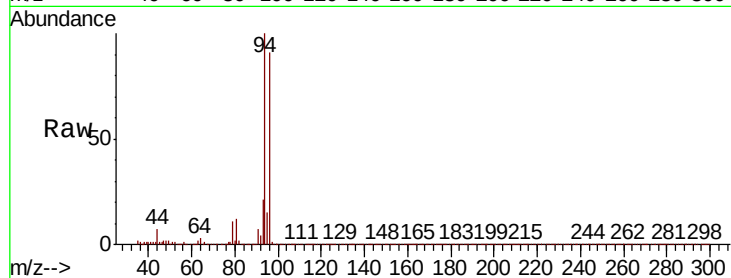
#5
Bromomethane
Concen: 16.646 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
94	100		
96	90.7	75.8	113.8

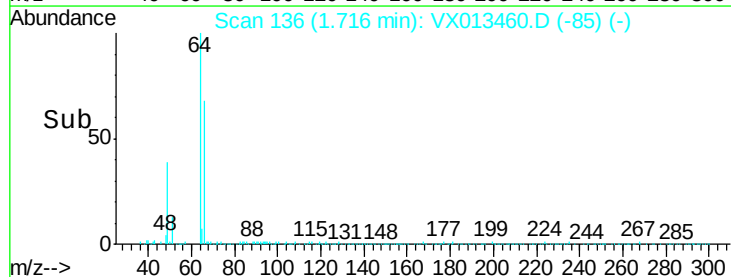
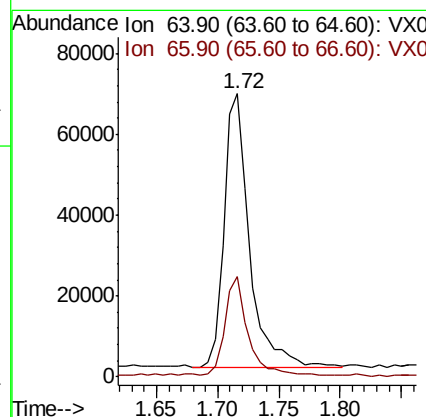
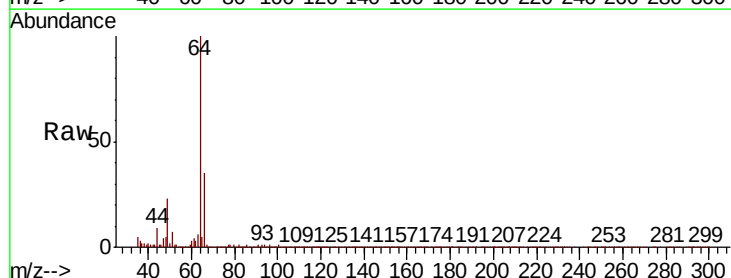
Manual Integrations
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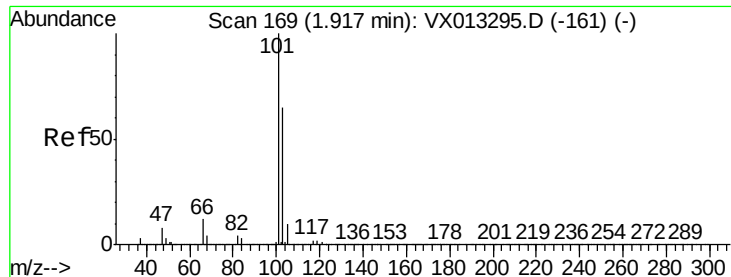
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#6
Chloroethane
Concen: 17.914 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
64	100		
66	36.0	25.6	38.4





#7

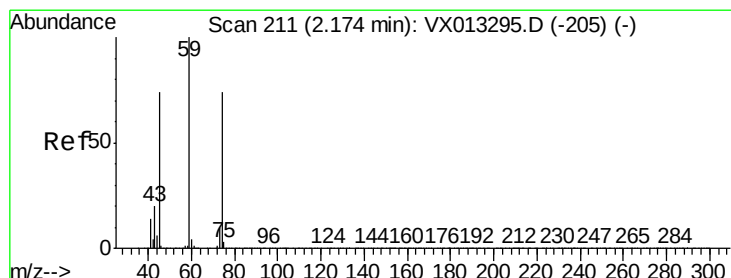
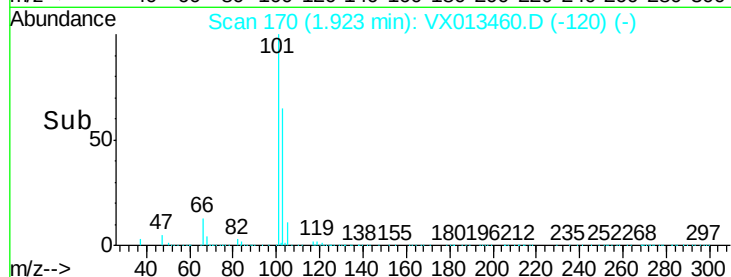
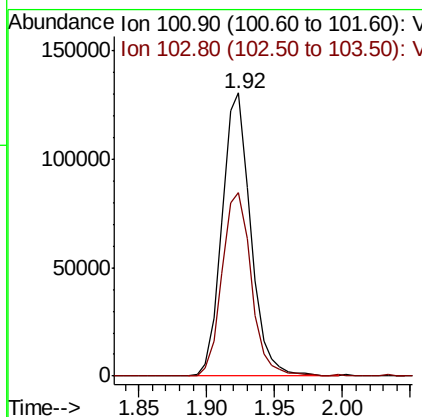
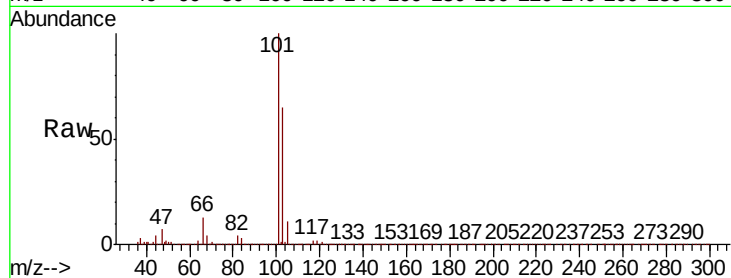
Trichlorofluoromethane
Concen: 17.721 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

Manual Integrations
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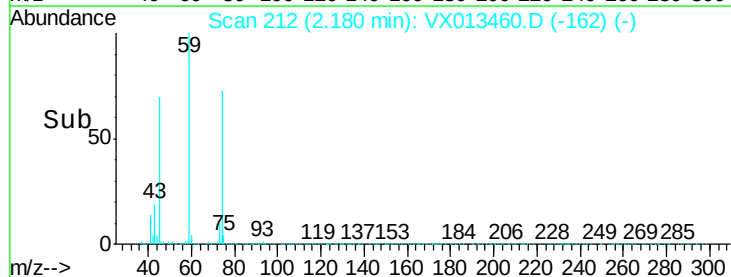
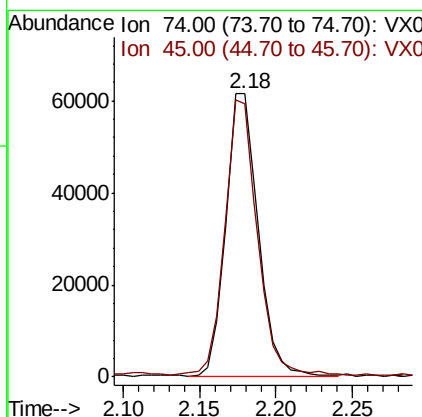
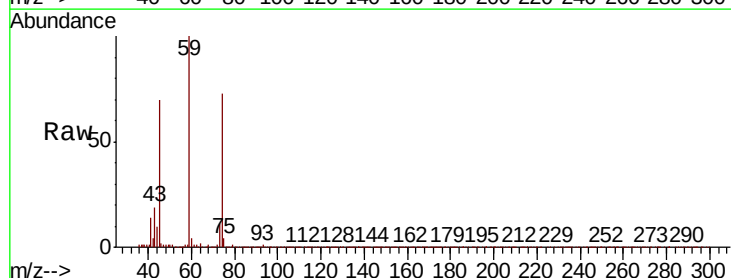
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11/20/2019 9:17:49 AM

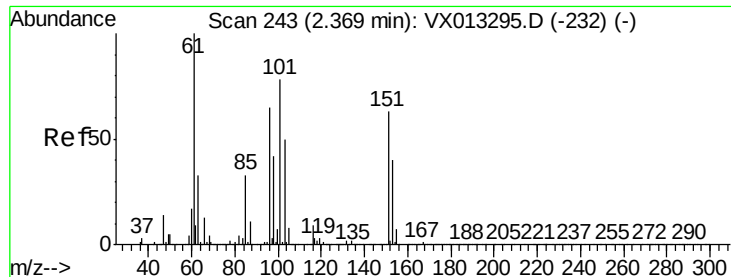


#8

Diethyl Ether
Concen: 19.067 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.802 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

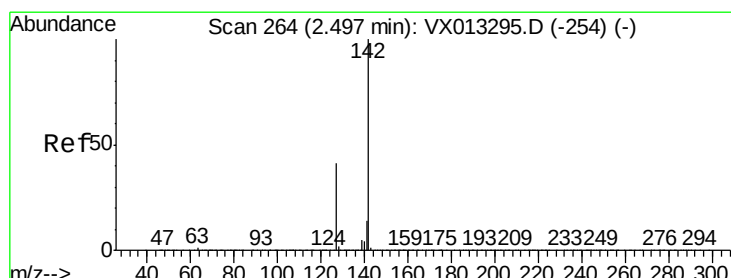
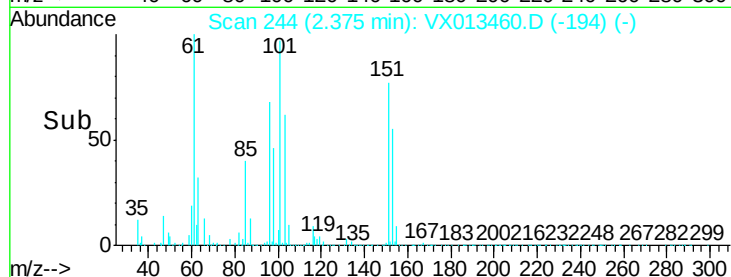
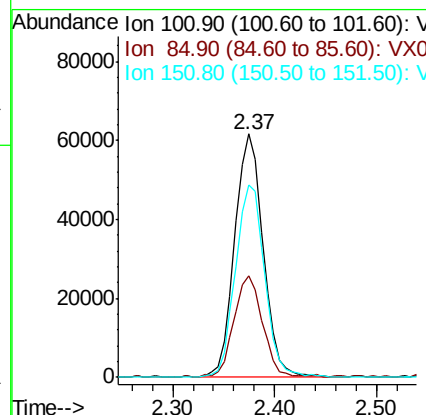
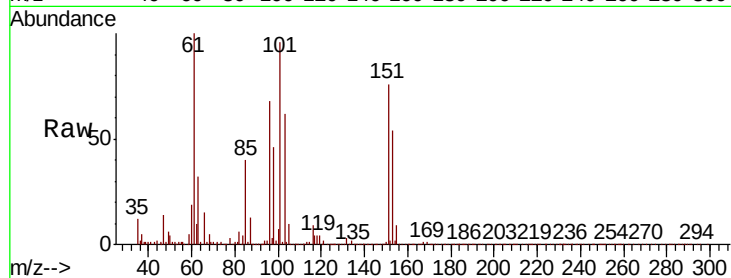
ClientSampleId :

VX1119WBS01

Tot Ion:	101	Resp:	118980
Ion Ratio	Lower	Upper	
101	100		
85	41.2	34.4	51.6
151	81.6	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.393 ug/l

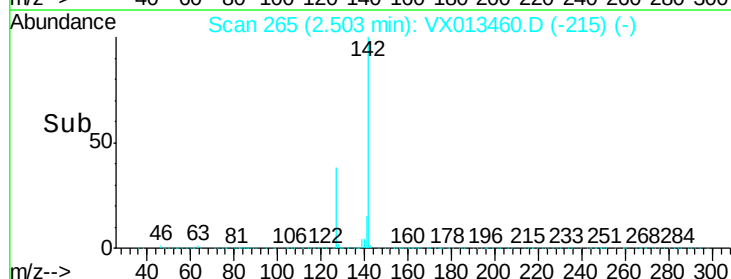
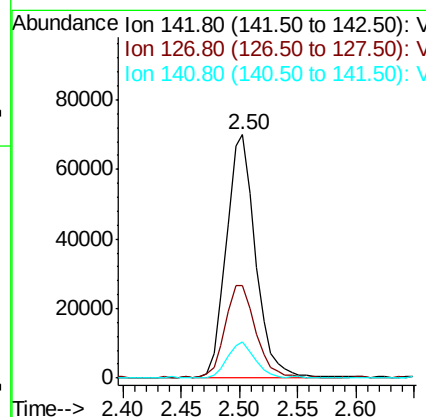
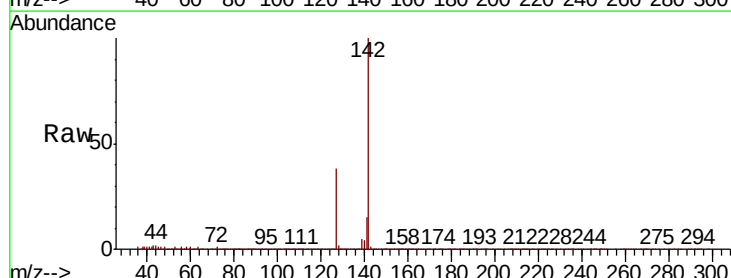
RT: 2.50 min Scan# 265

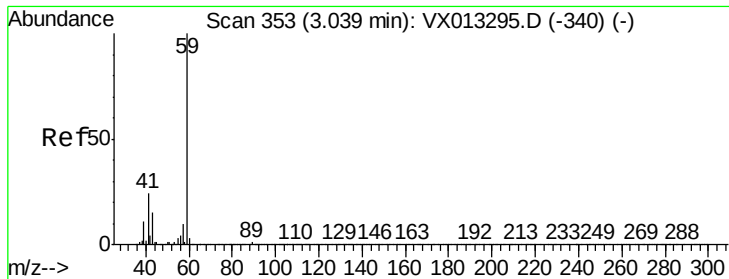
Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	142	Resp:	121948
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.6	49.0
141	14.4	11.6	17.4





#11

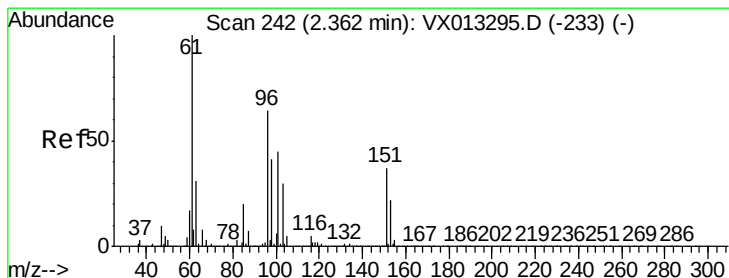
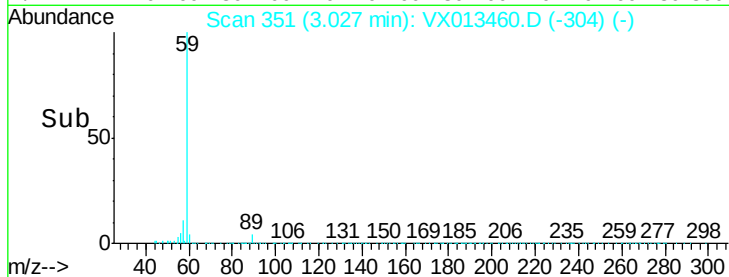
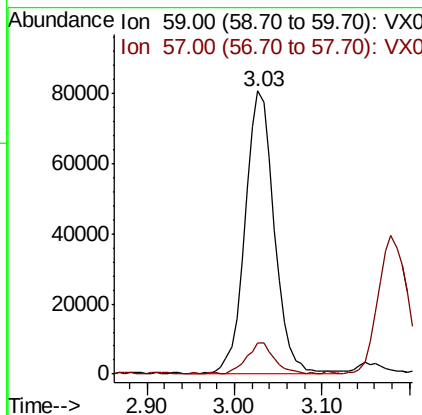
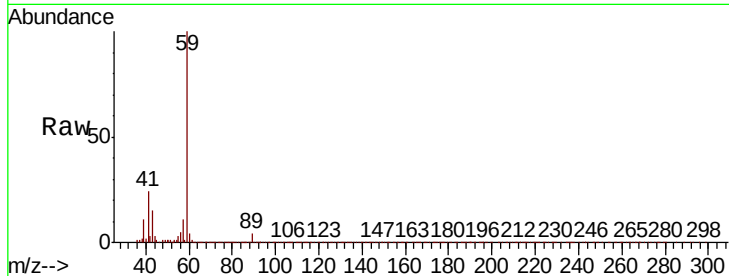
Tert butyl alcohol
Concen: 93.463 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.0	12.0

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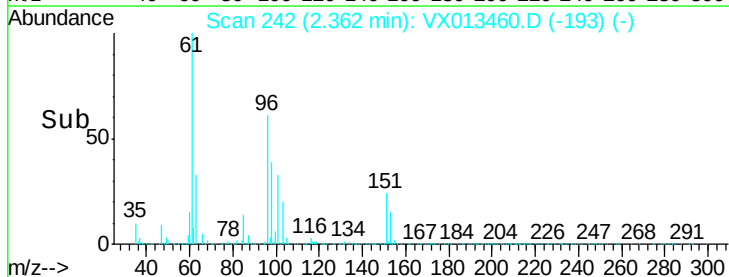
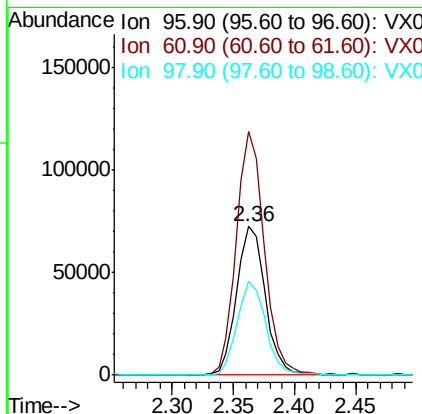
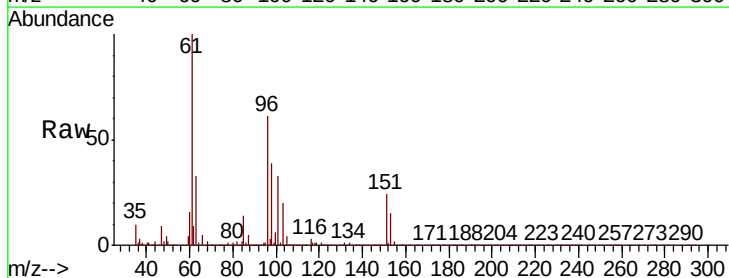
MMDadoda
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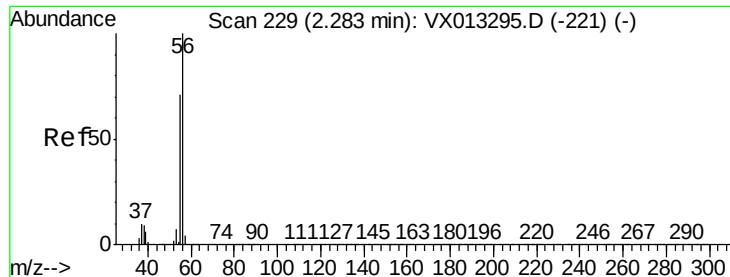


#12

1,1-Dichloroethene
Concen: 19.871 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	125.0	187.6
98	63.3	50.7	76.1





#13

Acrolein

Concen: 79.893 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 56 Resp: 86729

Ion Ratio Lower Upper

56 100

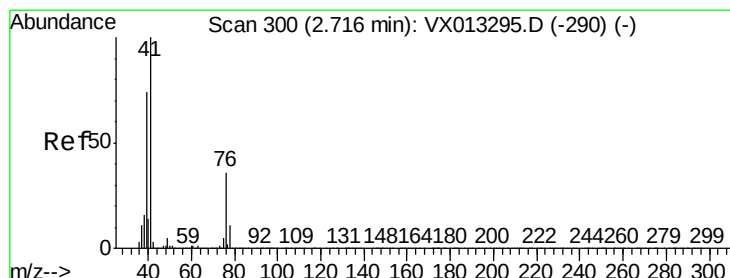
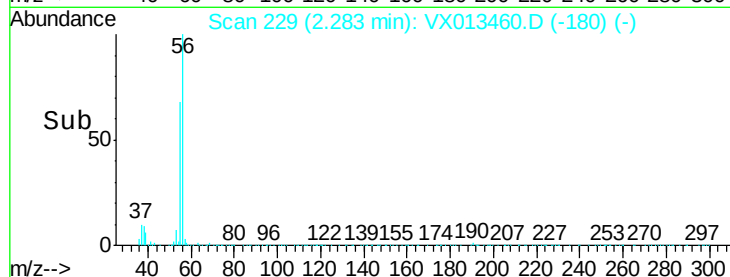
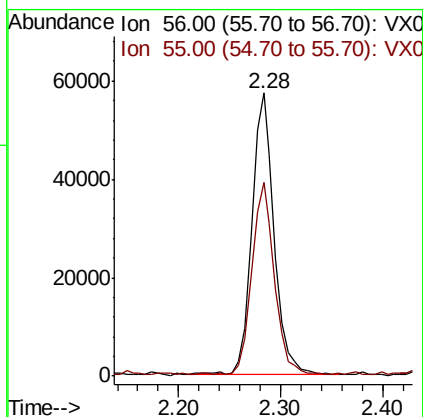
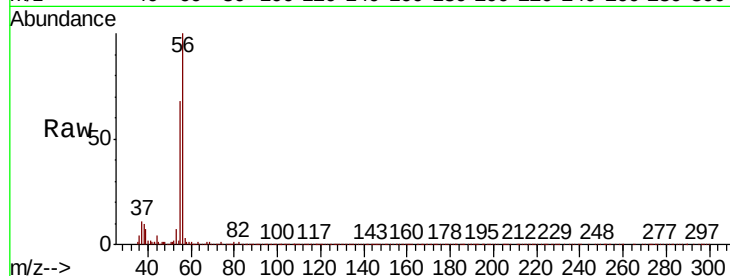
55 69.3 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.271 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

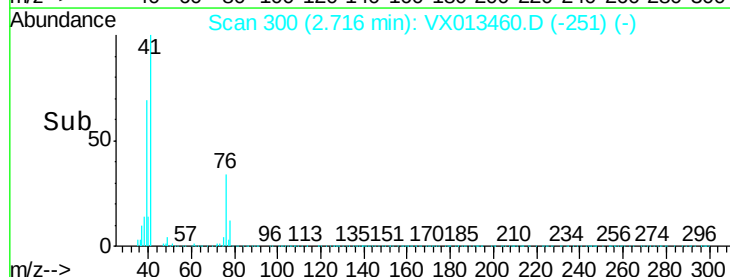
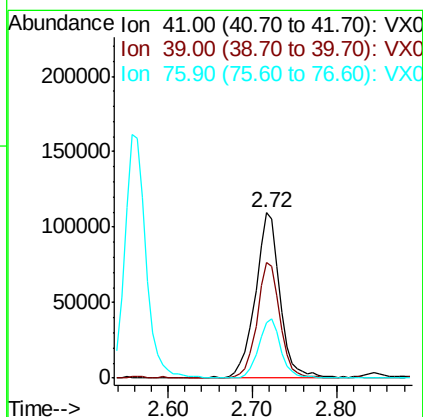
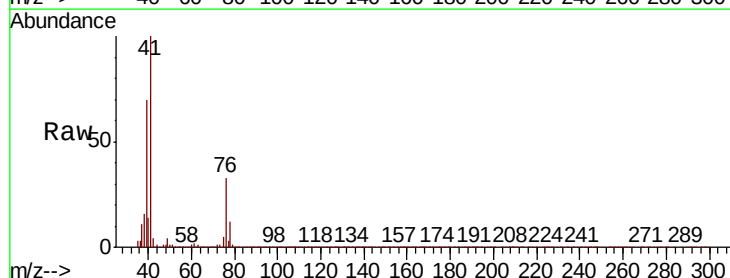
Tgt Ion: 41 Resp: 216719

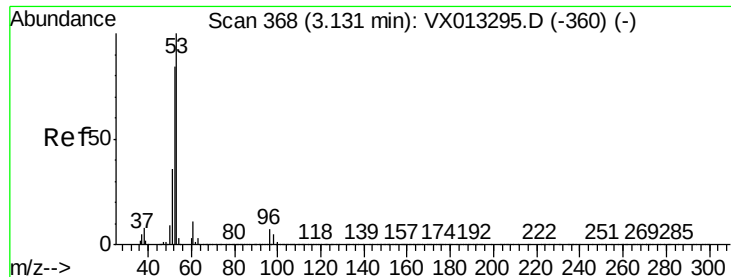
Ion Ratio Lower Upper

41 100

39 64.8 55.8 83.8

76 31.5 26.4 39.6





#15

Acrylonitrile

Concen: 105.200 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

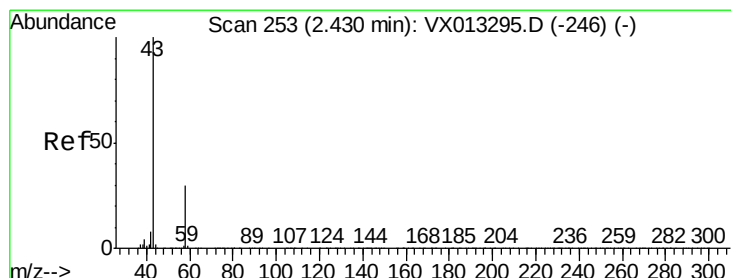
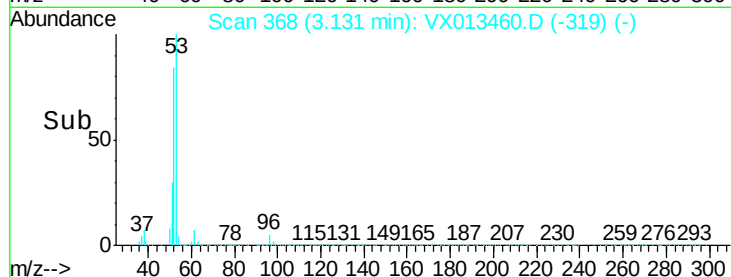
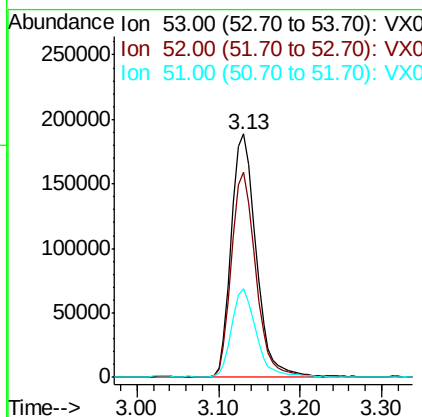
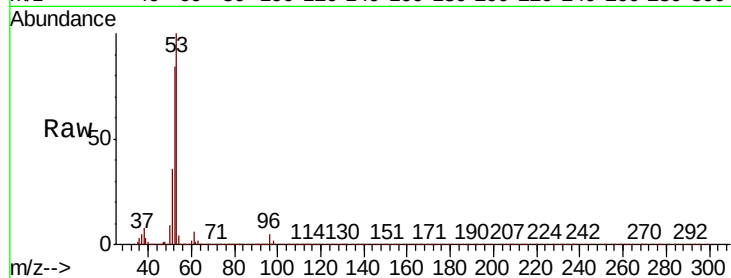
ClientSampleId :

VX1119WBS01

Tot Ion:	53	Resp:	393607
Ion Ratio		Lower	Upper
53	100		
52	83.1	67.4	101.0
51	36.0	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 90.318 ug/l

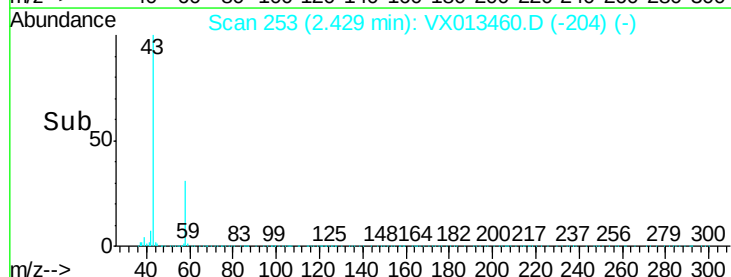
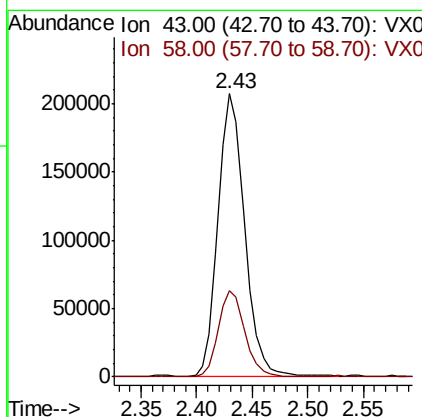
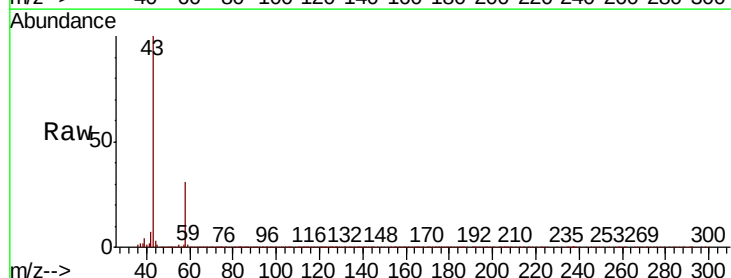
RT: 2.43 min Scan# 253

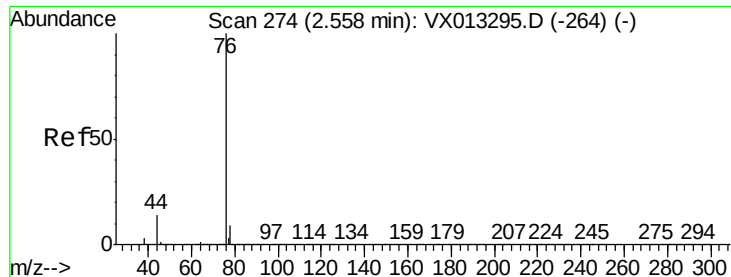
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	43	Resp:	342351
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.3	36.5





#17

Carbon Disulfide

Concen: 17.624 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 76 Resp: 277561

Ion Ratio Lower Upper

76 100

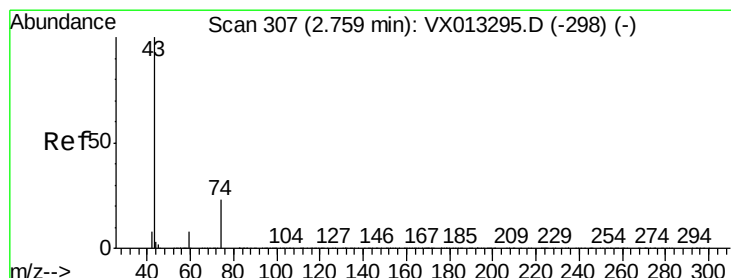
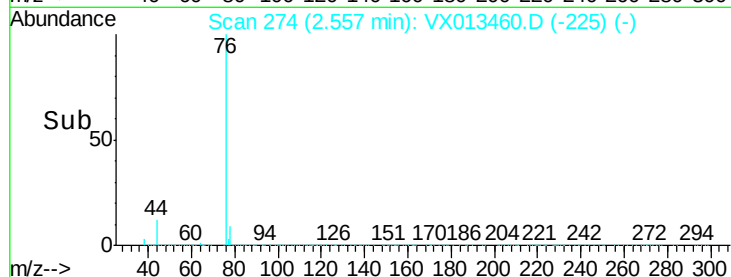
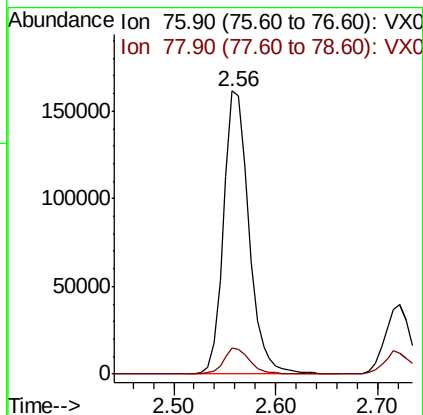
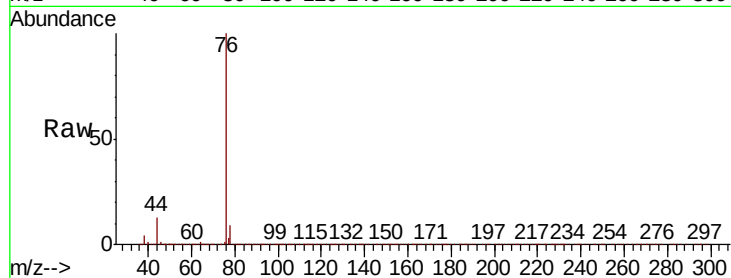
78 9.1 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 22.024 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013460.D

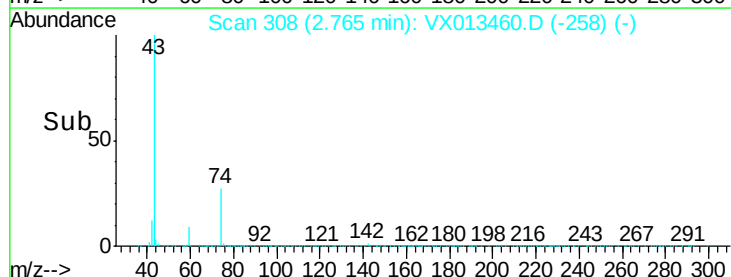
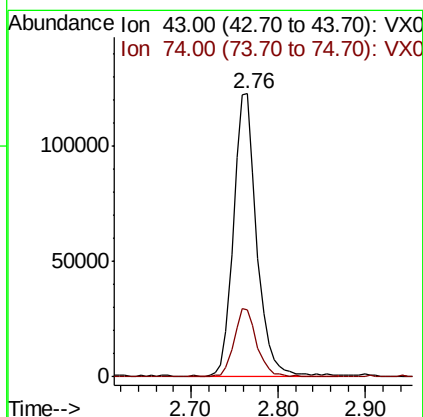
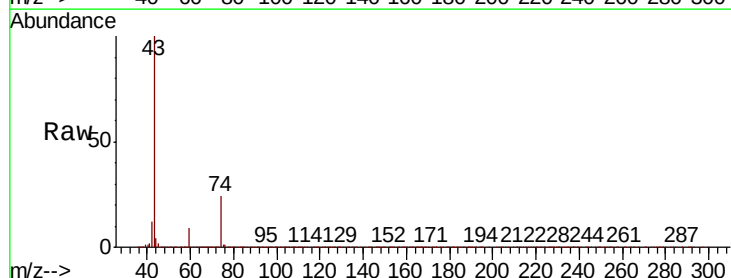
Acq: 19 Nov 2019 12:44

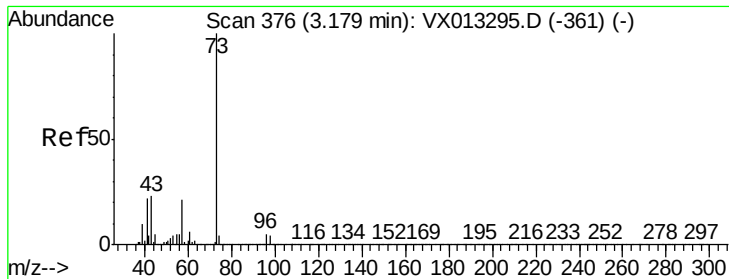
Tgt Ion: 43 Resp: 230481

Ion Ratio Lower Upper

43 100

74 22.6 19.0 28.6





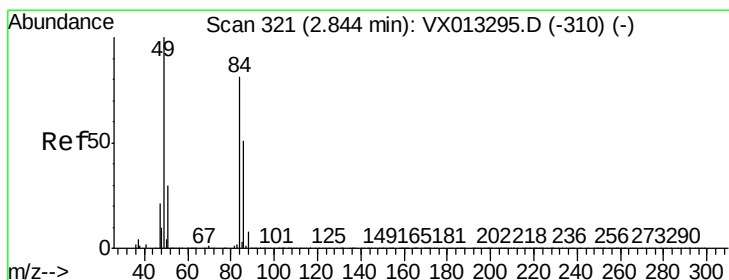
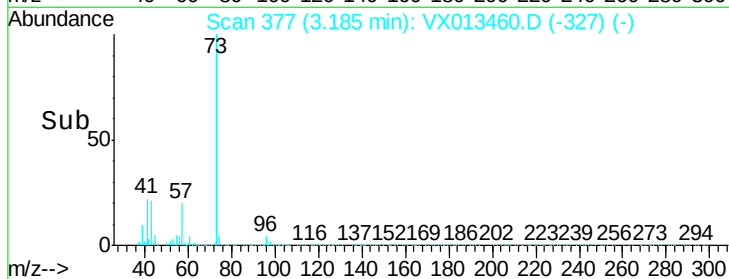
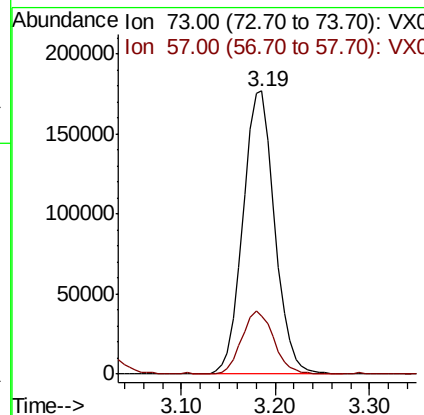
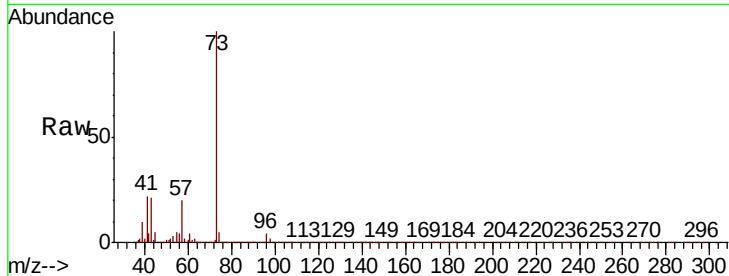
#19
Methyl tert-butyl Ether
Concen: 21.273 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.1	25.7

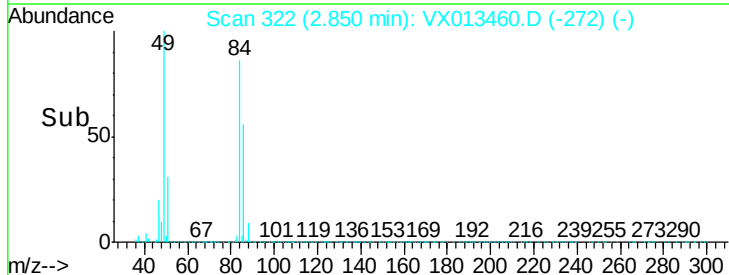
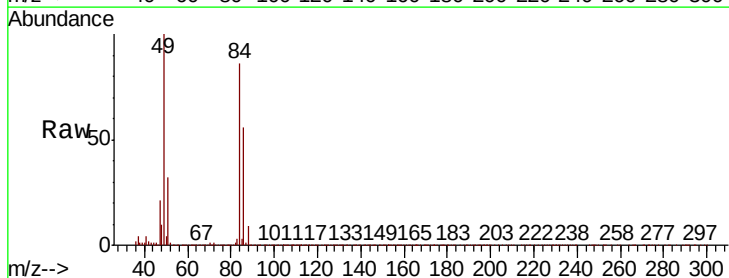
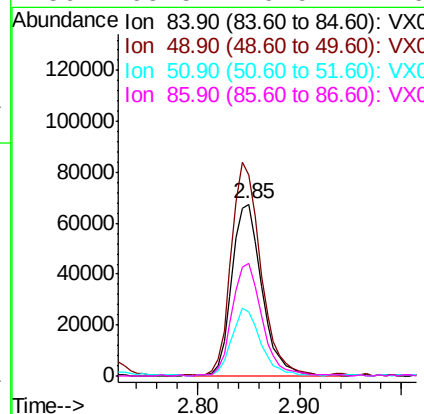
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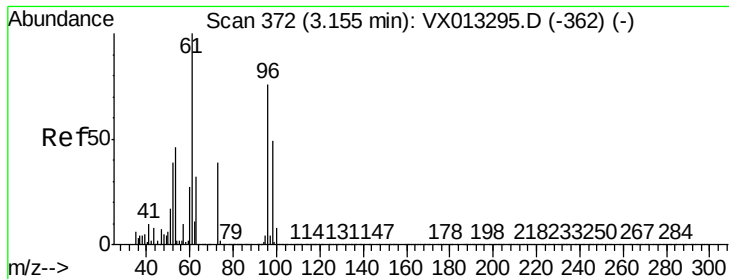
MMDadoda
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#20
Methylene Chloride
Concen: 19.564 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	98.2	147.4
51	36.7	29.9	44.9
86	65.5	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.875 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 96 Resp: 127329

Ion Ratio Lower Upper

96 100

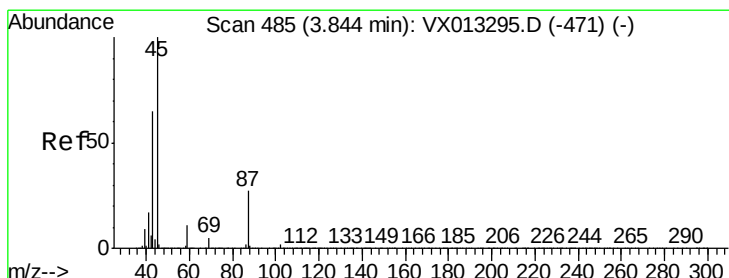
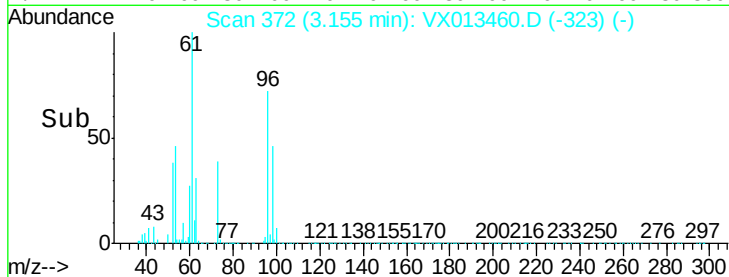
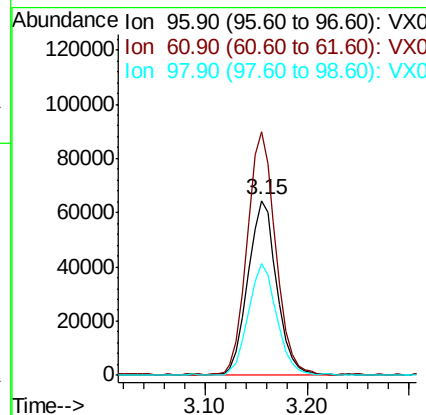
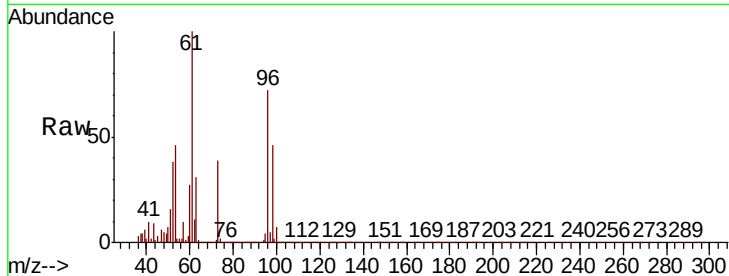
61 139.1 105.8 158.6

98 63.5 51.8 77.6

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#22

Diisopropyl ether

Concen: 21.457 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion: 45 Resp: 442888

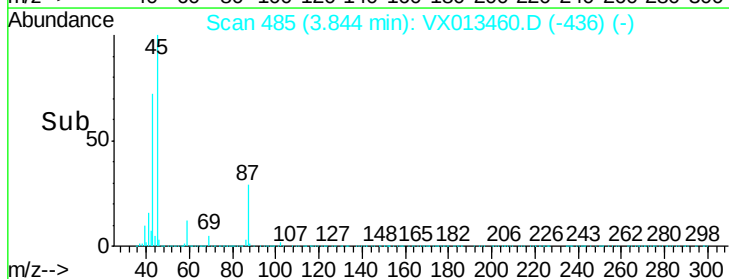
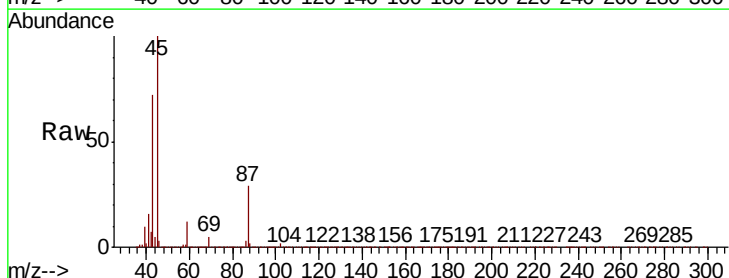
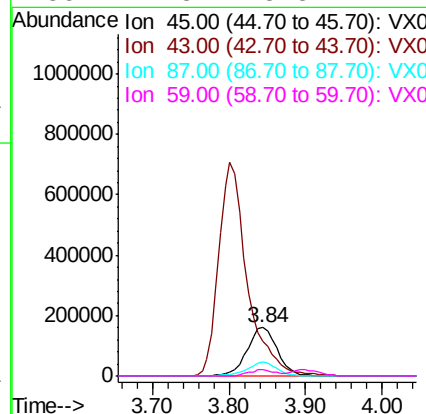
Ion Ratio Lower Upper

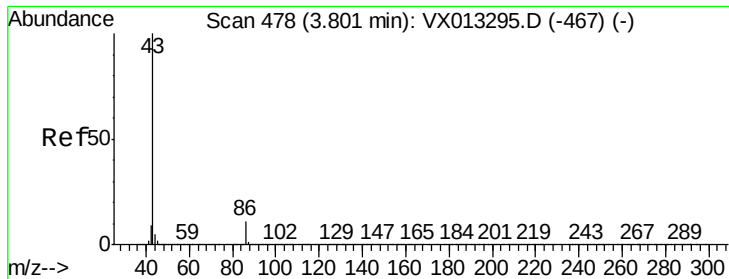
45 100

43 72.1 54.2 81.2

87 28.7 21.8 32.8

59 12.3 8.5 12.7





#23

Vinyl Acetate

Concen: 104.134 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 43 Resp: 1839209

Ion Ratio Lower Upper

43 100

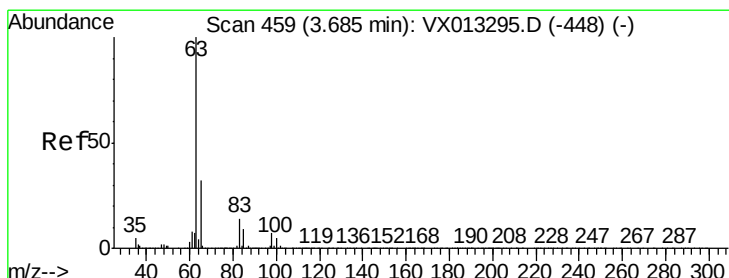
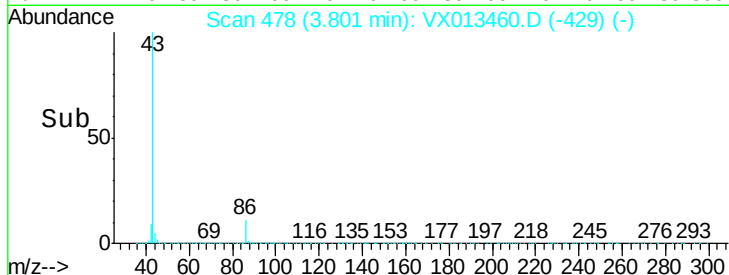
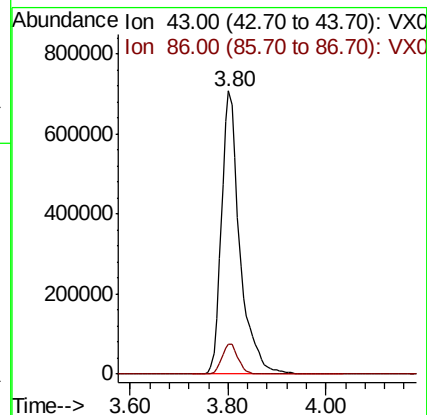
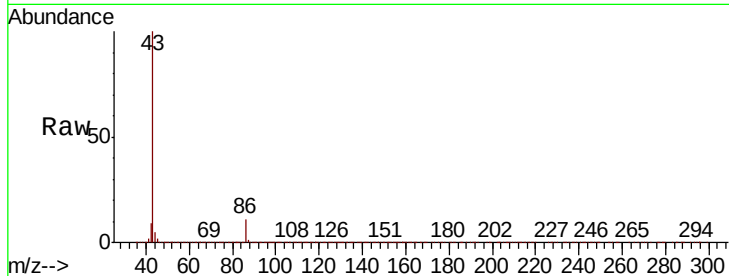
86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 20.574 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

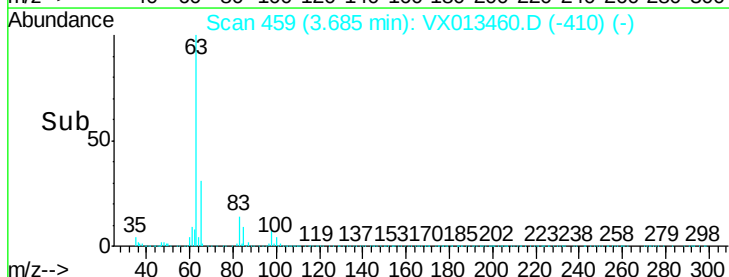
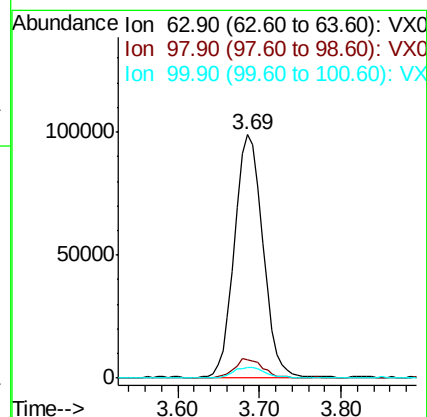
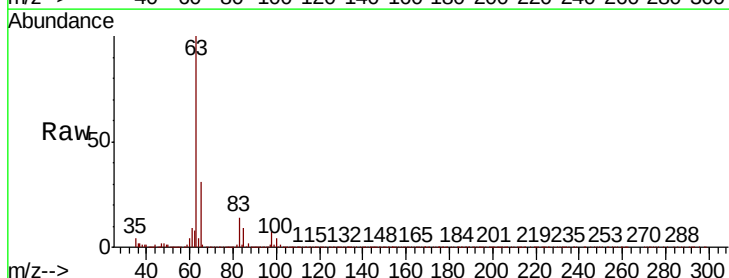
Tgt Ion: 63 Resp: 237560

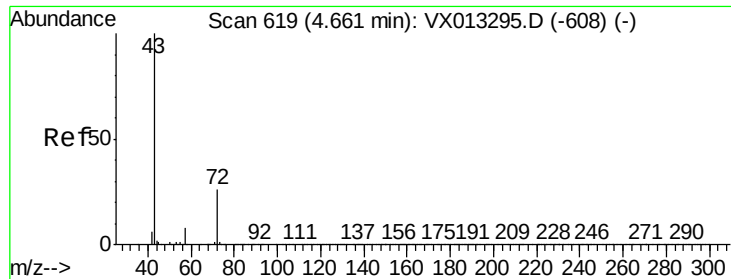
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.0 2.4 7.2





#25

2-Butanone

Concen: 100.457 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 43 Resp: 558616

Ion Ratio Lower Upper

43 100

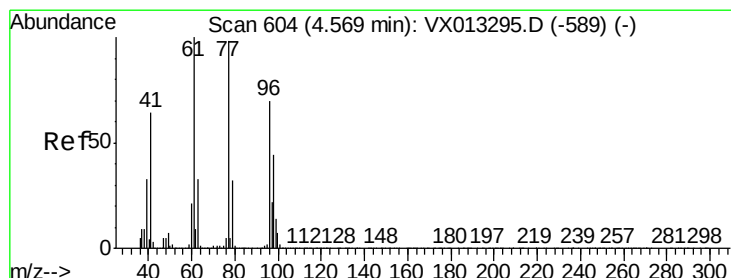
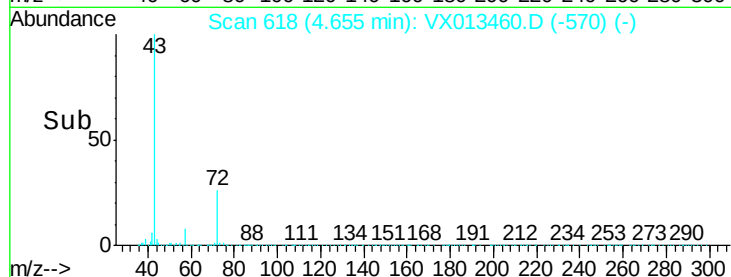
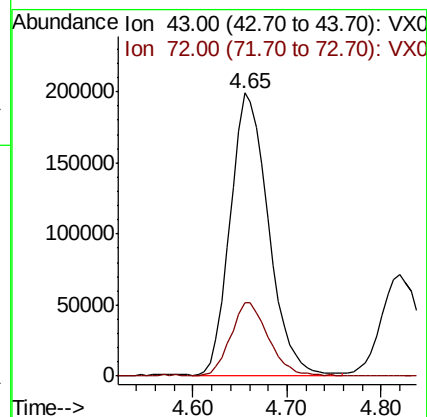
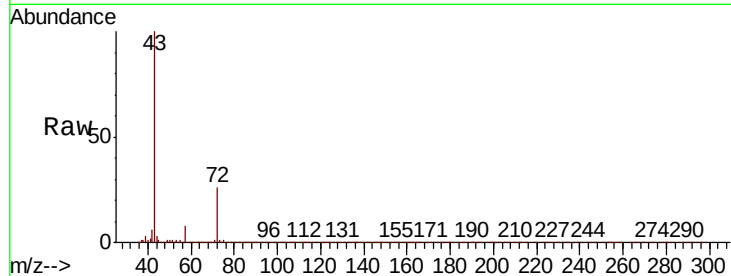
72 25.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.061 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013460.D

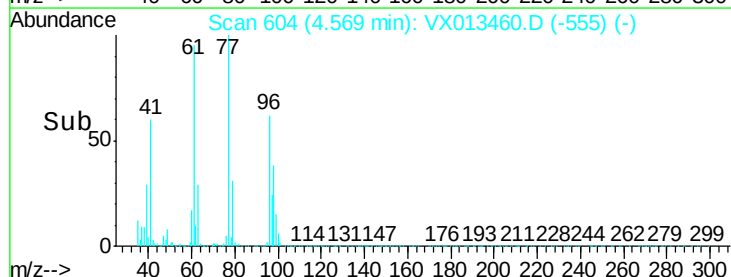
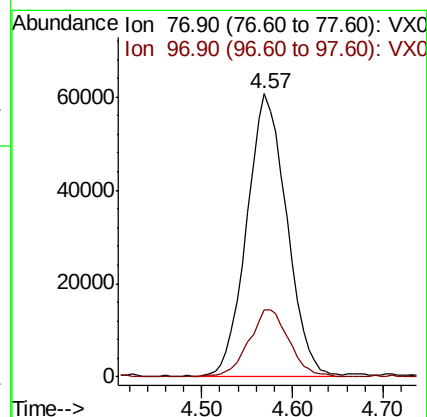
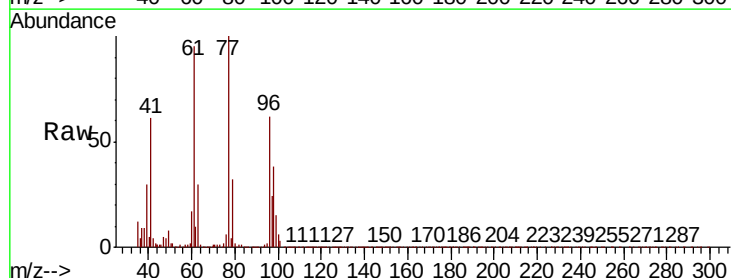
Acq: 19 Nov 2019 12:44

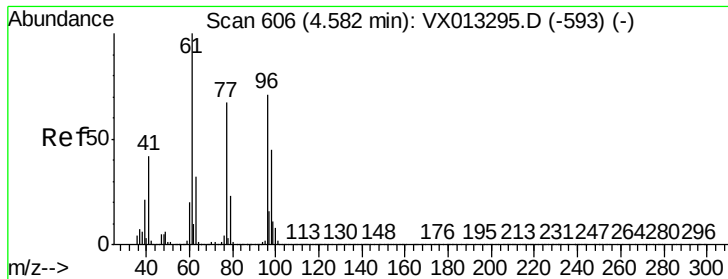
Tgt Ion: 77 Resp: 184273

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.8





#27

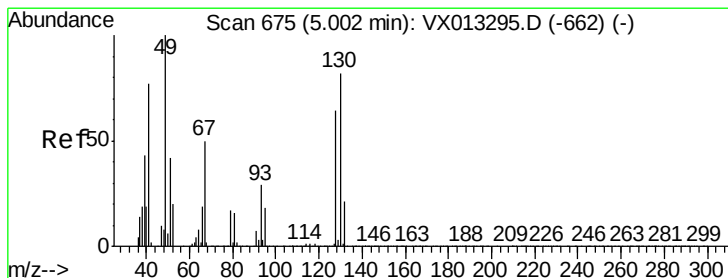
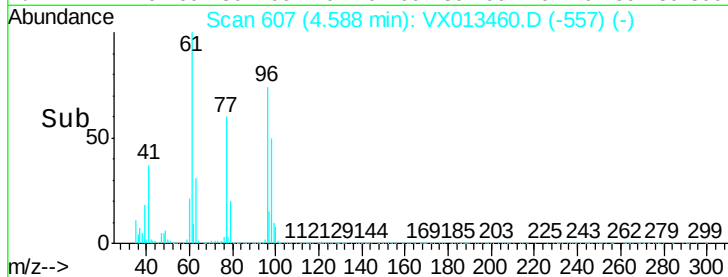
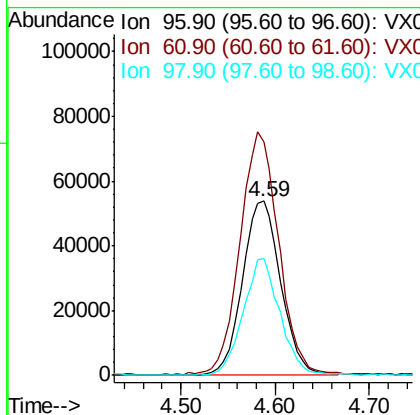
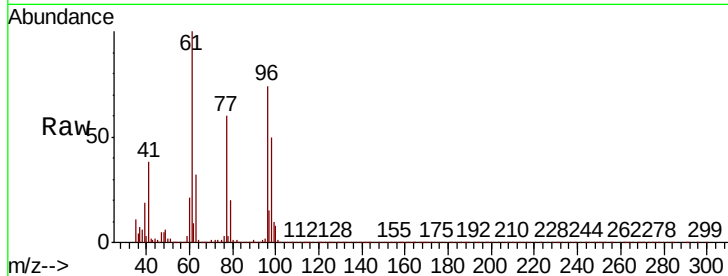
cis-1,2-Dichloroethene
Concen: 21.416 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153701		
61	142.3	0.0	288.0	
98	63.0	0.0	129.6	

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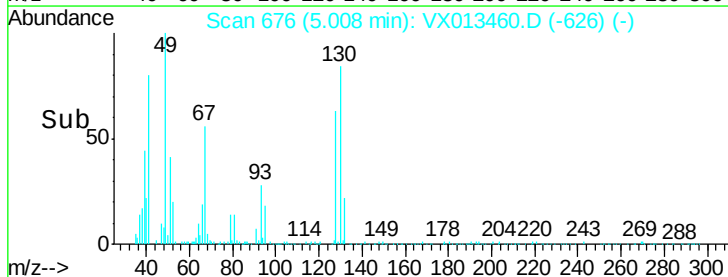
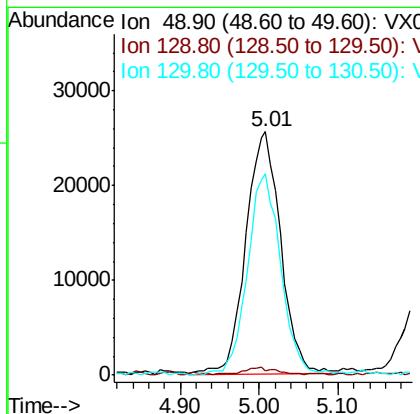
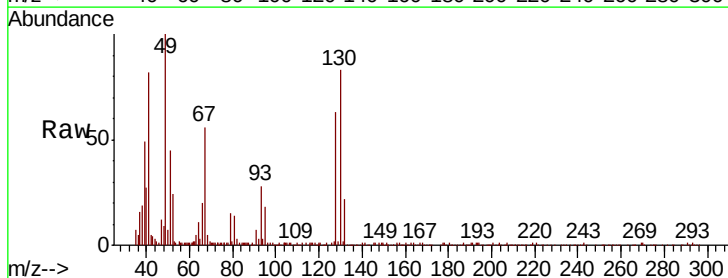
MMDadoda
11/20/2019 9:17:49 AM

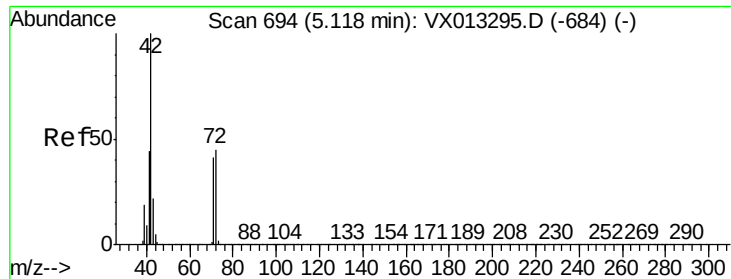


#28

Bromochloromethane
Concen: 24.017 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78738		
129	2.6	0.0	5.2	
130	79.0	63.8	95.6	





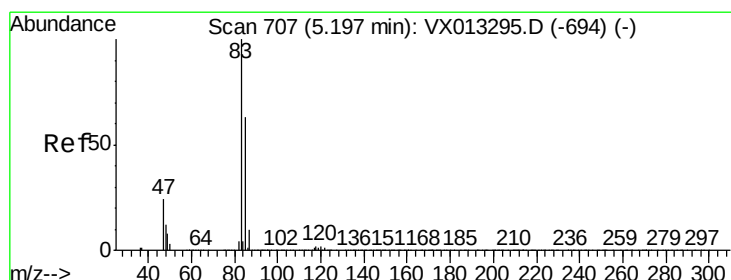
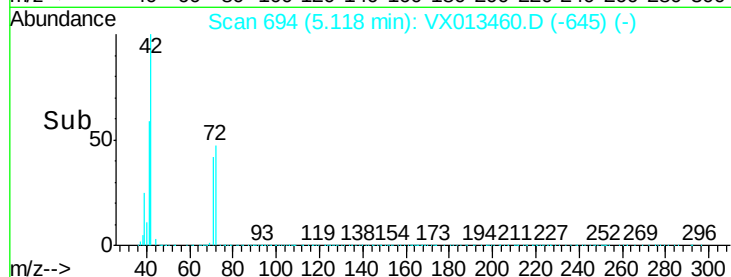
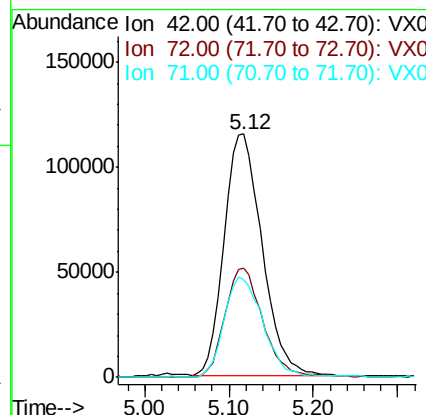
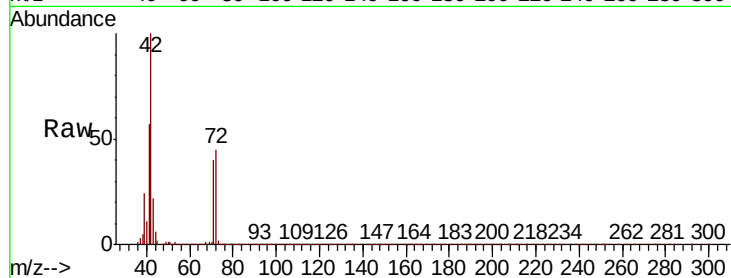
#29
Tetrahydrofuran
Concen: 103.479 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	42.0	33.4	50.0

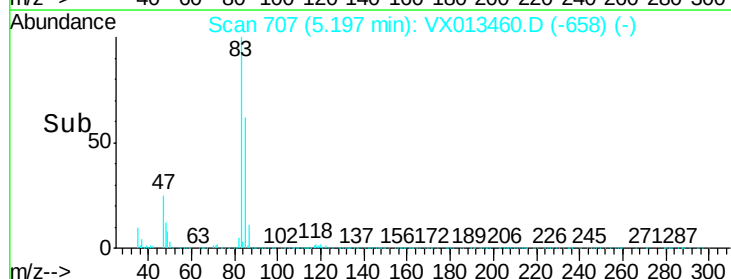
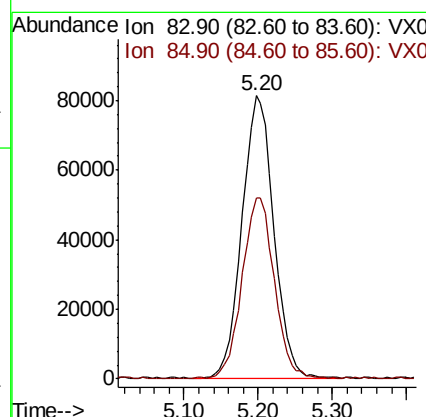
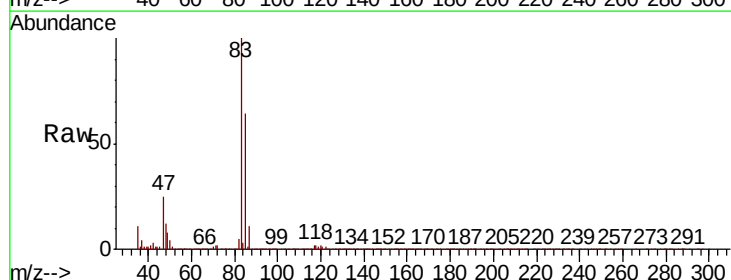
Manual Integrations
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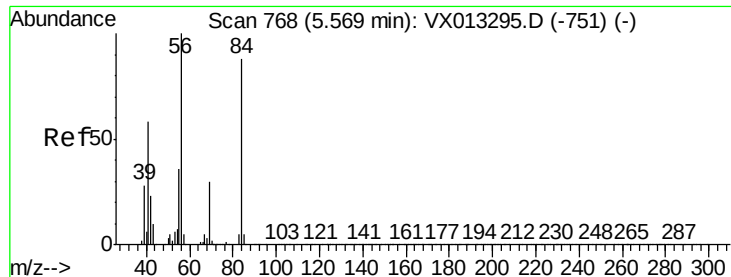
MMDadoda
11/20/2019 9:17:49 AM



#30
Chloroform
Concen: 21.314 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.2	75.4





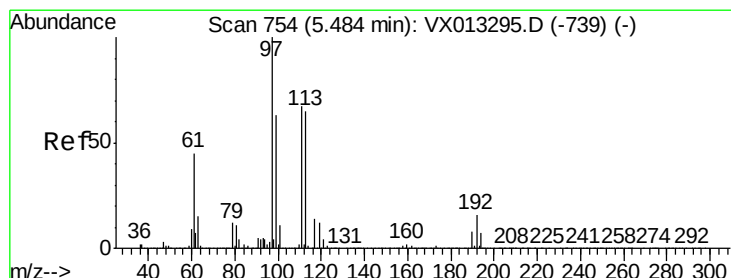
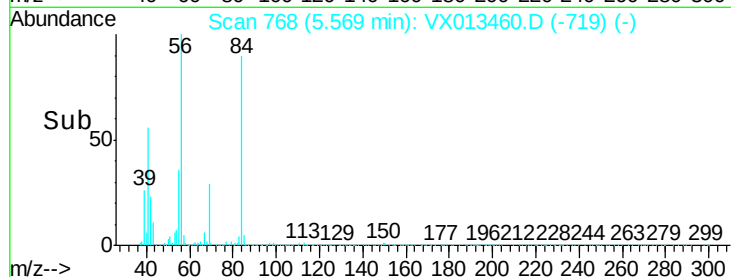
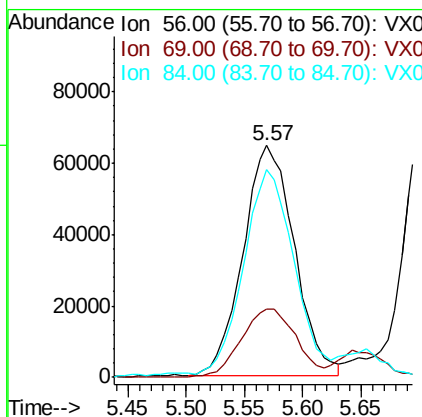
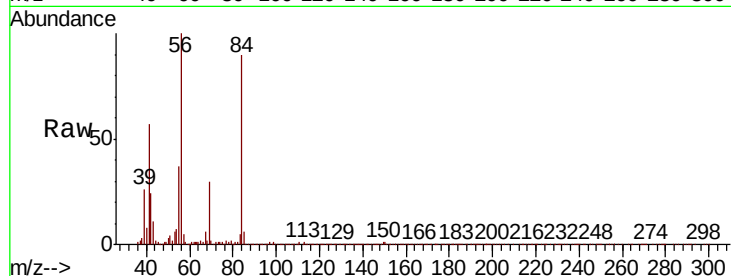
#31
Cyclohexane
Concen: 18.973 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.7	35.5
84	88.7	70.6	105.8

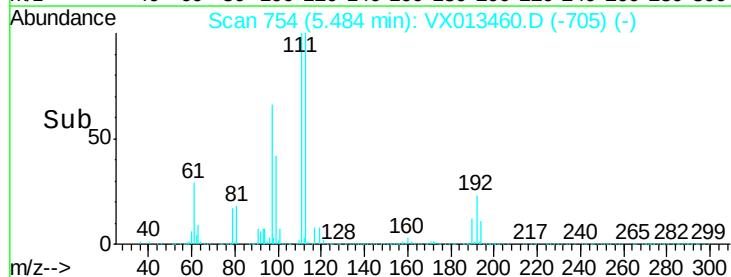
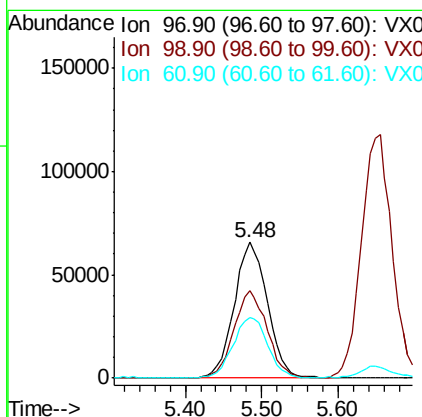
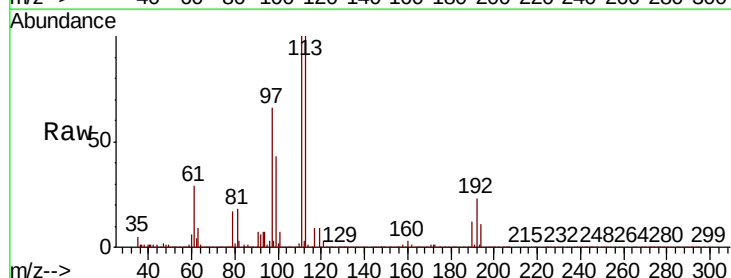
Manual Integrations
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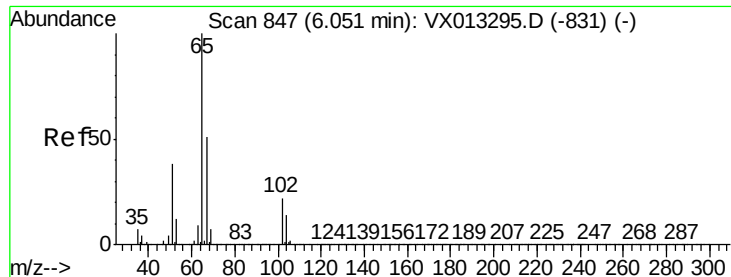
MMDadoda
11/20/2019 9:17:49 AM



#32
1,1,1-Trichloroethane
Concen: 19.972 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.1	76.7
61	46.5	36.5	54.7





#33

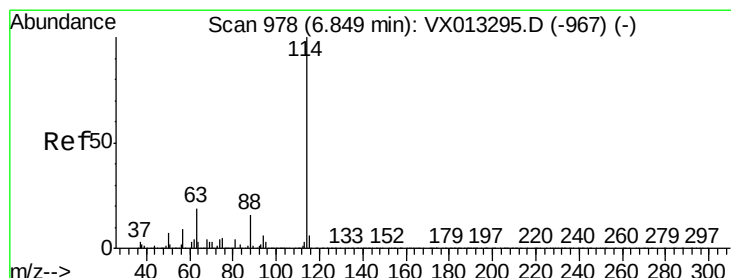
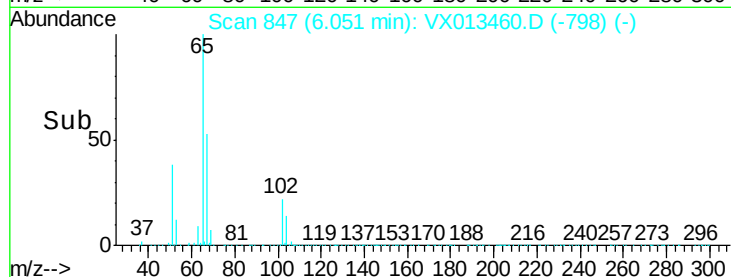
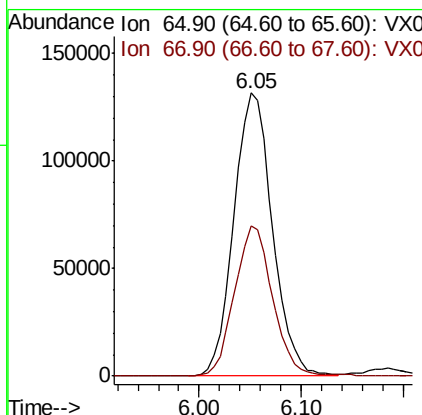
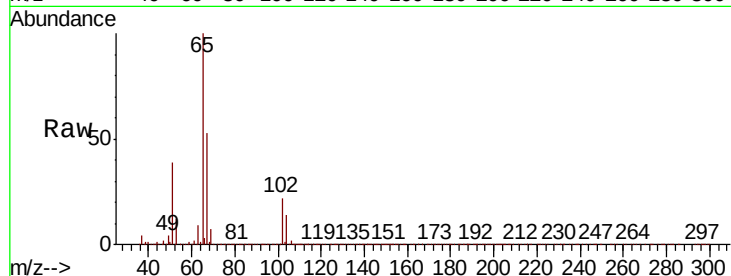
1,2-Dichloroethane-d4
Concen: 45.326 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.2

Manual Integrations
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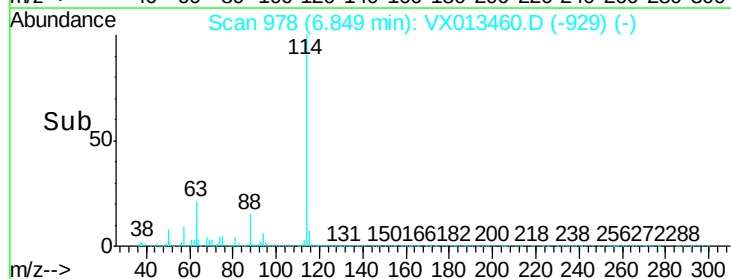
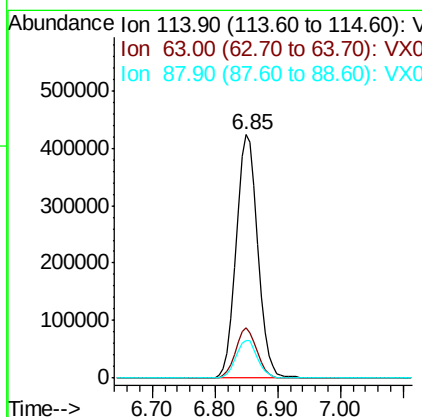
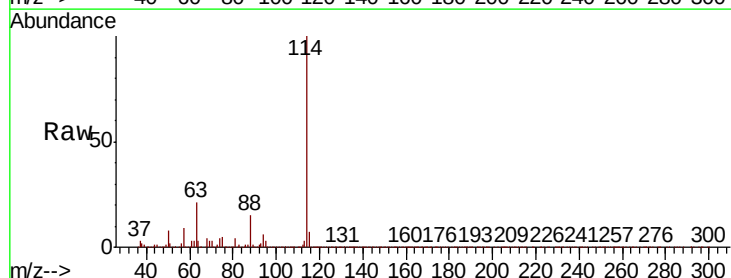
MMDadoda
11/20/2019 9:17:49 AM

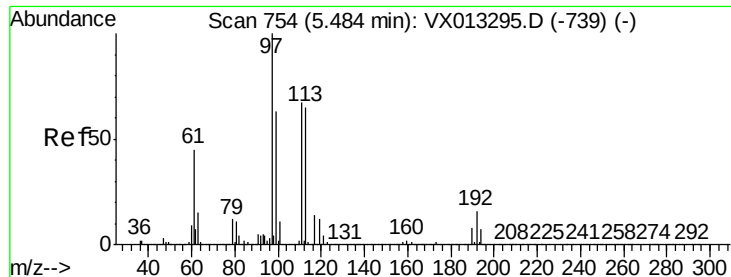


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.4
88	15.1	0.0	32.2





#35

Dibromofluoromethane

Concen: 45.197 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

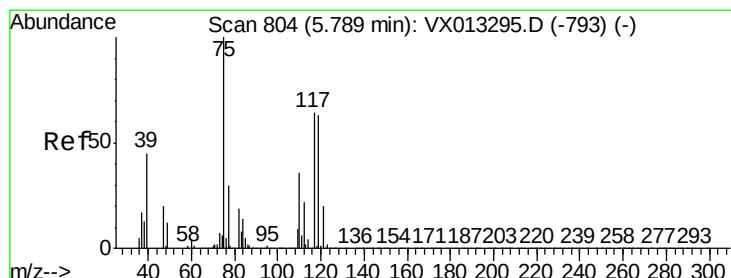
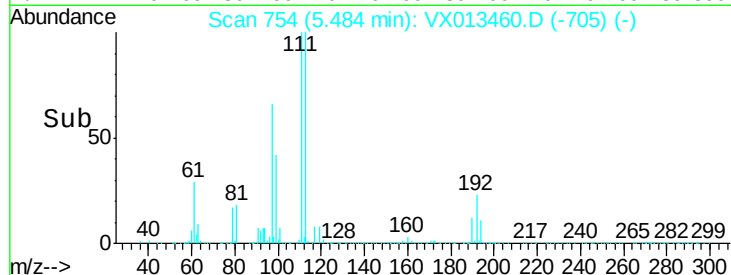
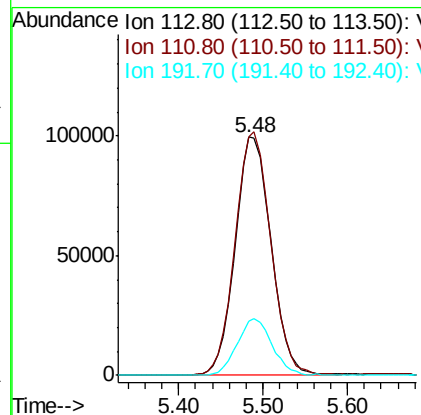
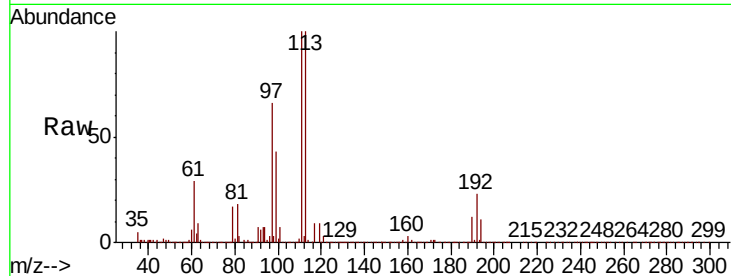
ClientSampleId :

VX1119WBS01

Tot Ion:	113	Resp:	285417
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.9	122.9
192	23.1	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 19.528 ug/l

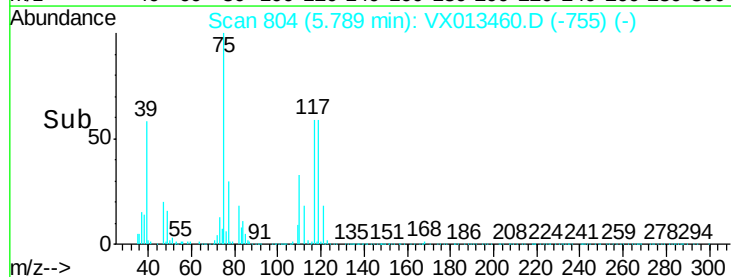
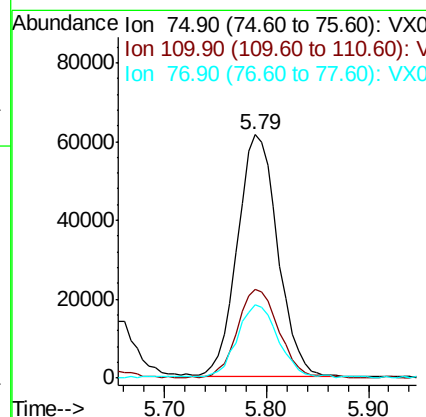
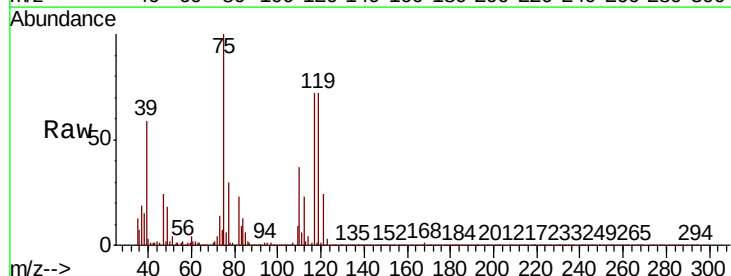
RT: 5.79 min Scan# 804

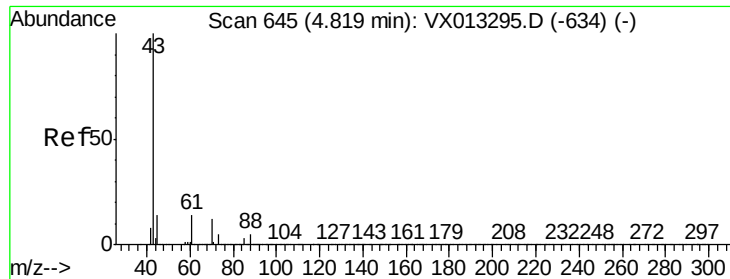
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	75	Resp:	168669
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.1
77	30.2	25.0	37.4





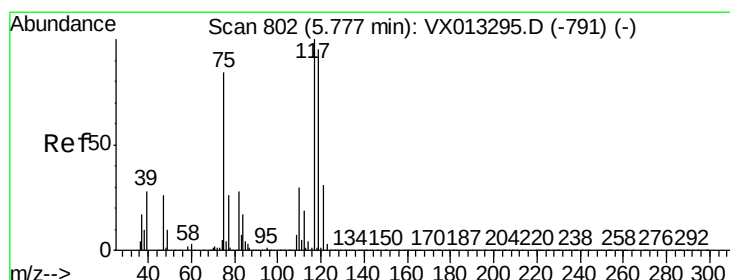
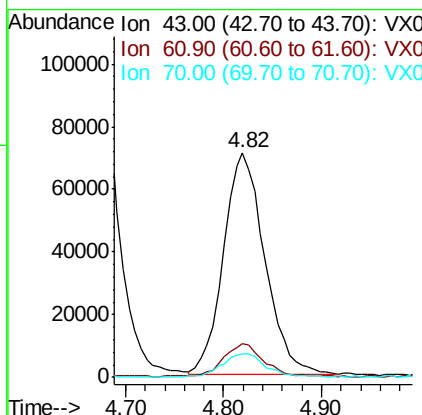
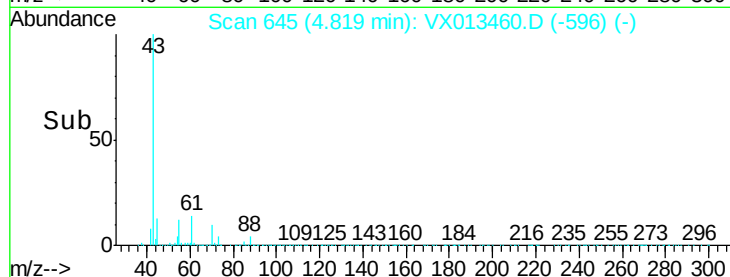
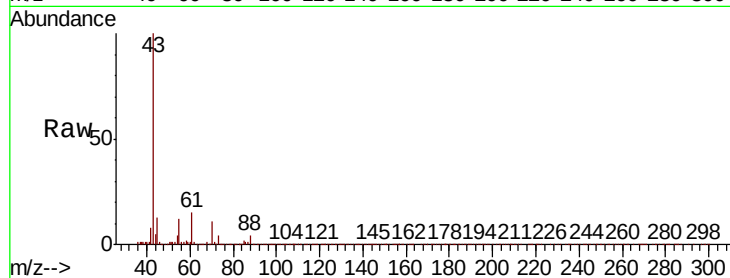
#37
Ethyl Acetate
Concen: 19.351 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	43	Resp	206526
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.7	16.1
70	10.8	8.7	13.1

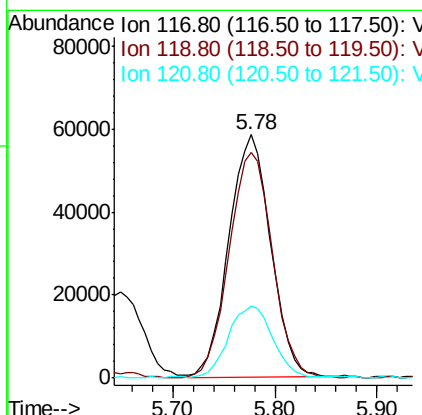
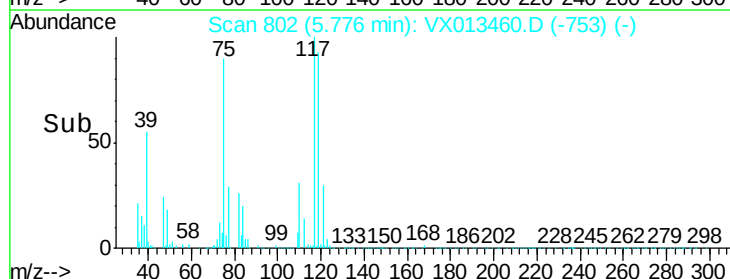
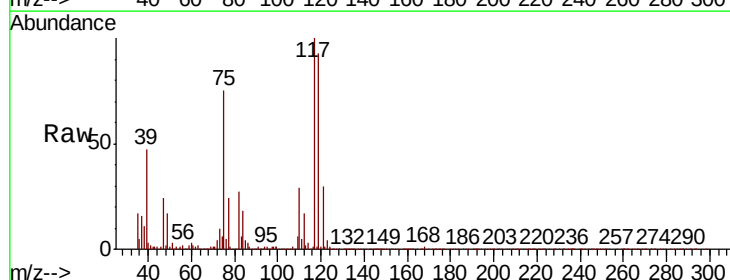
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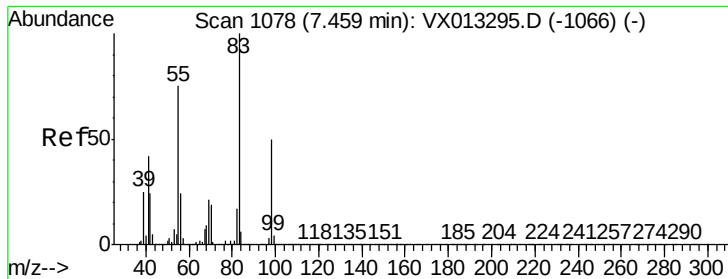
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#38
Carbon Tetrachloride
Concen: 19.654 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	117	Resp	165999
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.1	114.1
121	29.4	24.6	37.0





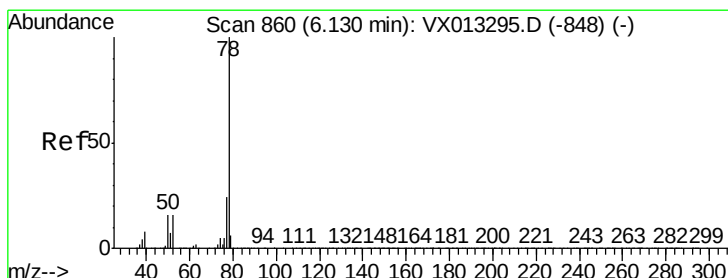
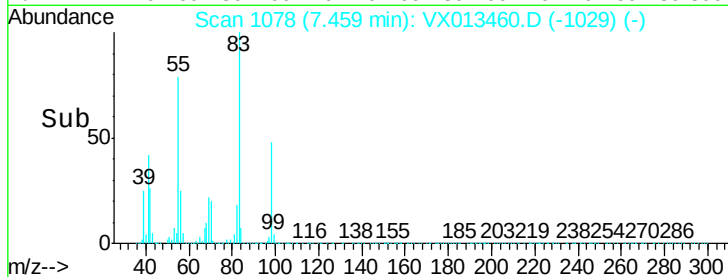
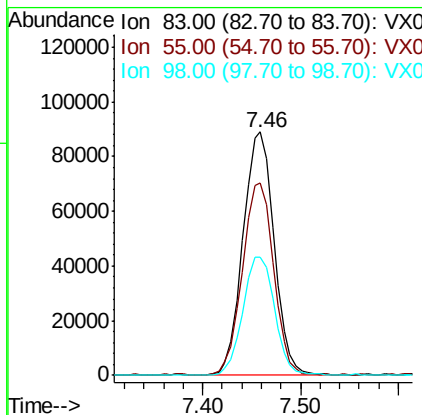
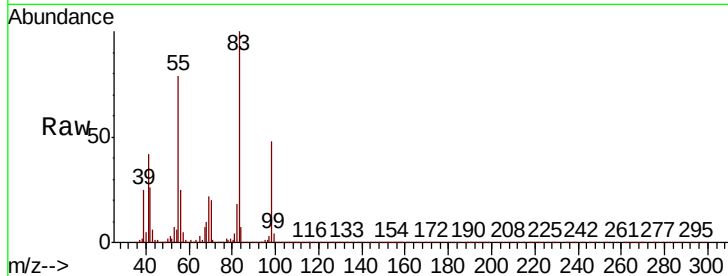
#39
Methylvlcyclohexane
Concen: 18.325 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	60.3	90.5
98	48.2	40.3	60.5

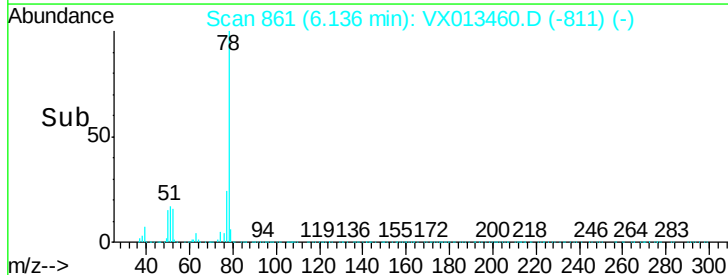
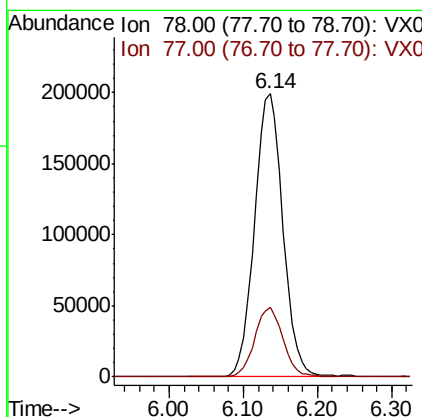
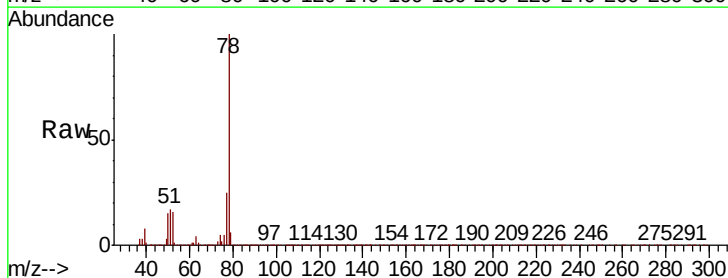
Manual Integrations
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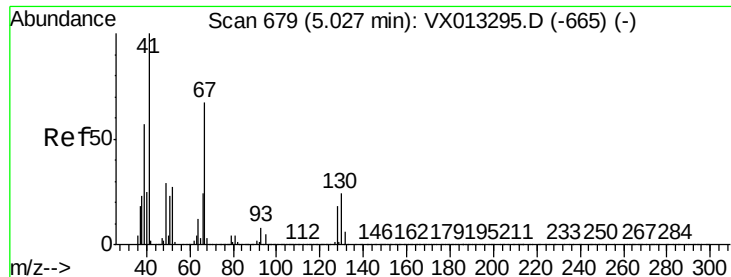
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#40
Benzene
Concen: 19.770 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#41

Methacrylonitrile

Concen: 19.442 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

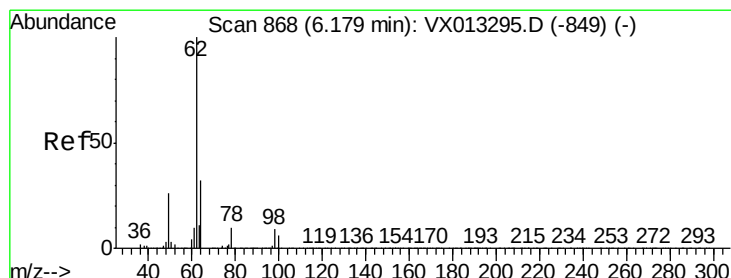
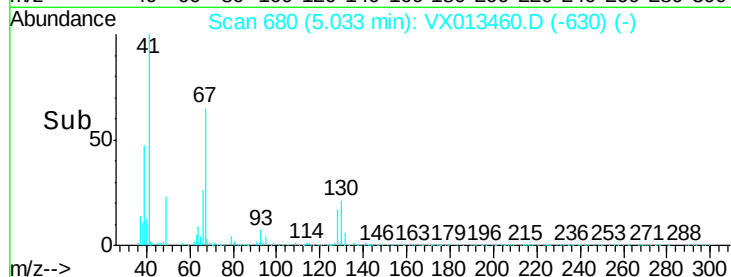
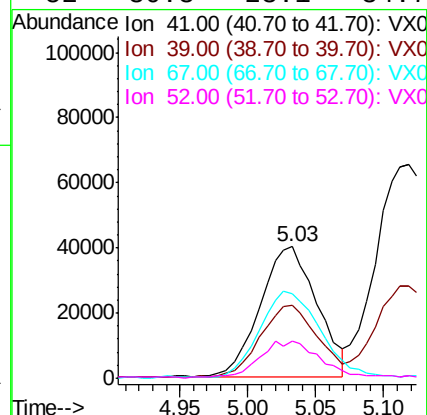
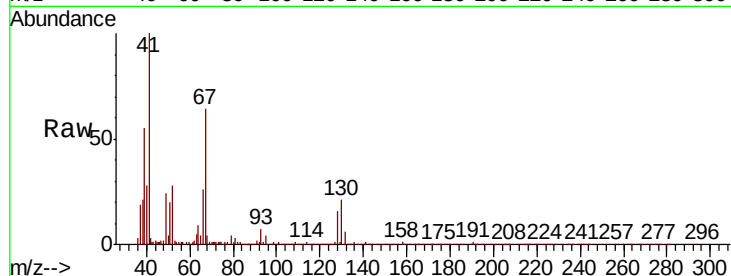
ClientSampleId :

VX1119WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	45.0	67.6	
67	71.2	55.4	83.2	
52	30.3	23.1	34.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.719 ug/l

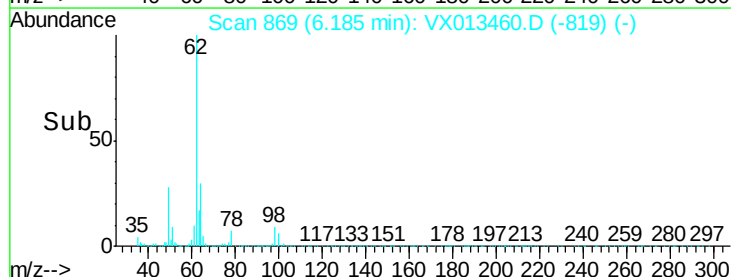
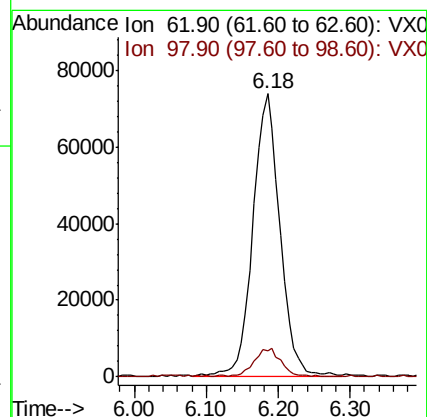
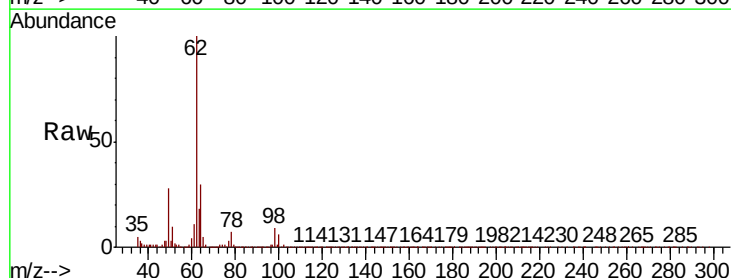
RT: 6.18 min Scan# 869

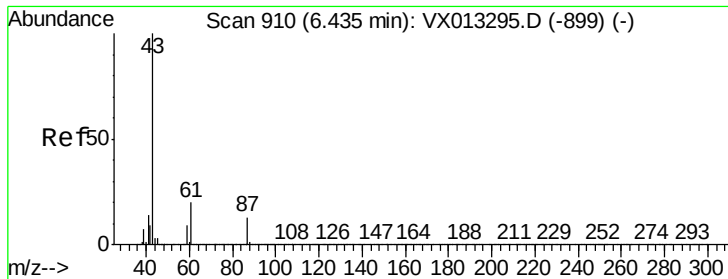
Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.4	





#43

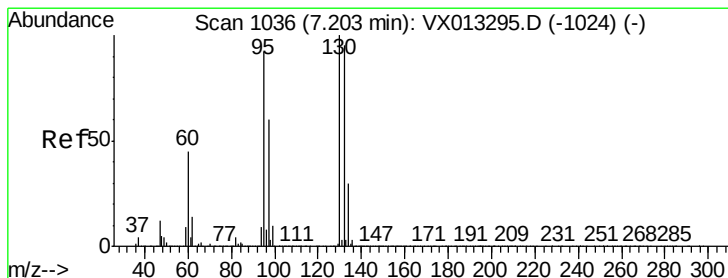
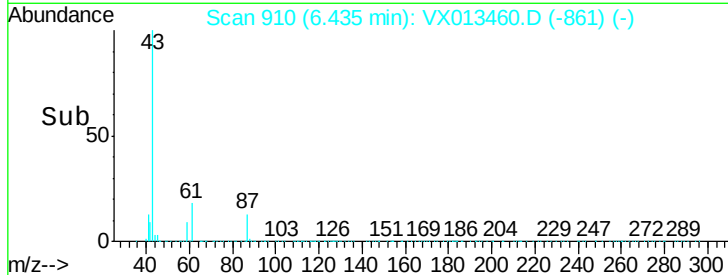
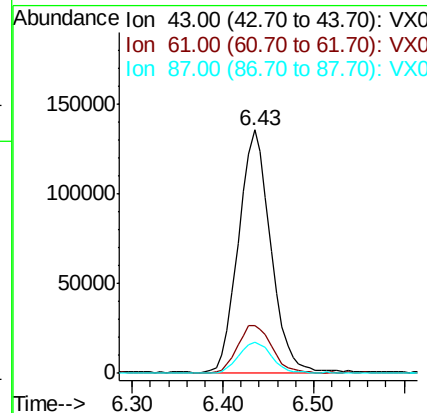
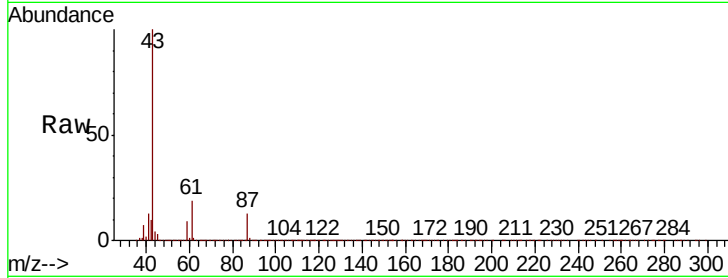
Isopropyl Acetate
 Concen: 20.058 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	15.8	23.8
87	13.0	10.4	15.6

Manual Integrations
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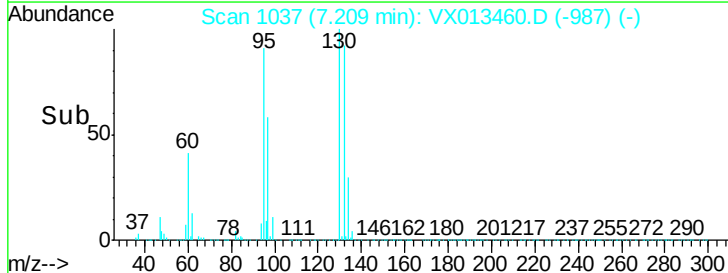
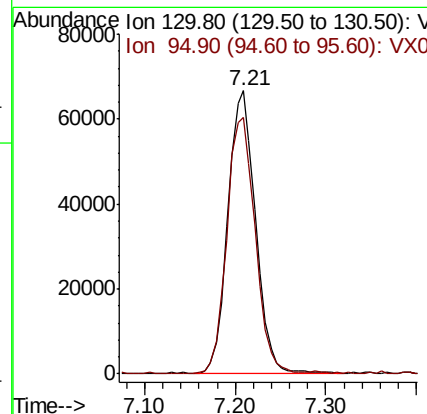
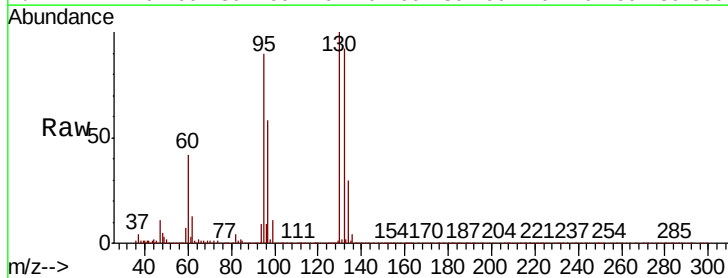
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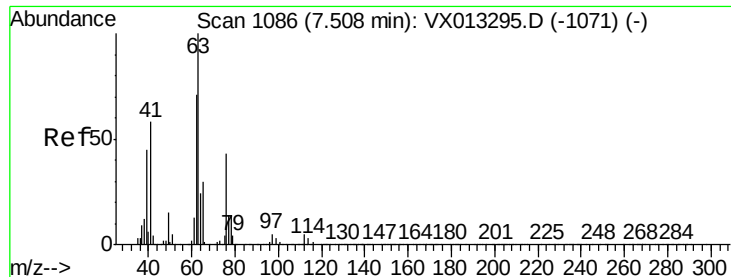


#44

Trichloroethene
 Concen: 19.181 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	184.8





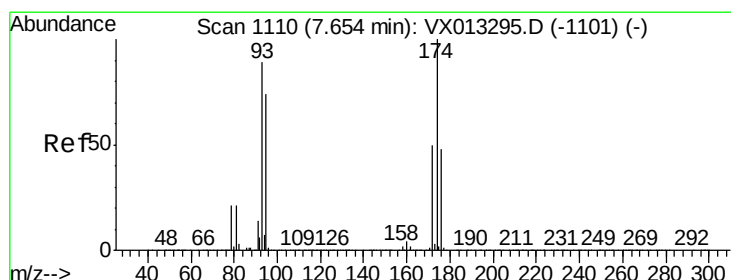
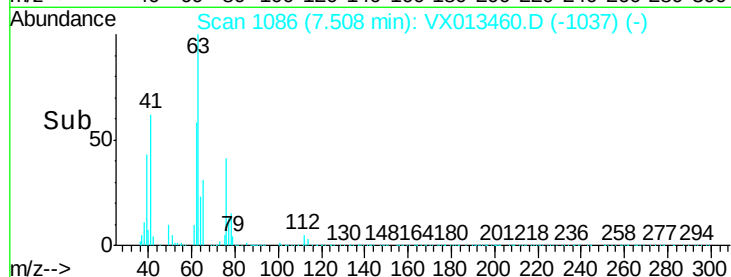
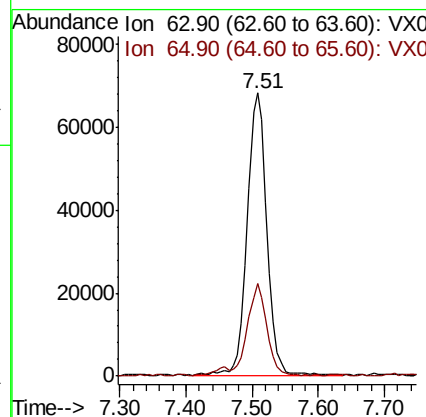
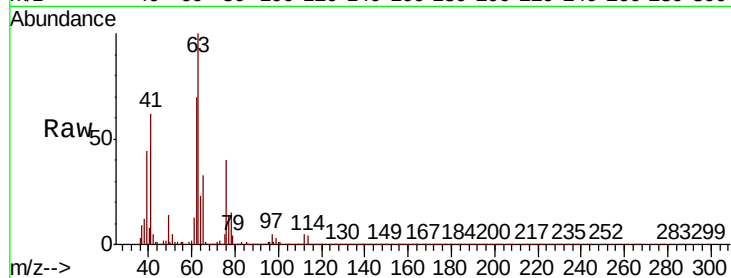
#45
 1,2-Dichloropropane
 Concen: 20.449 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.3	36.5

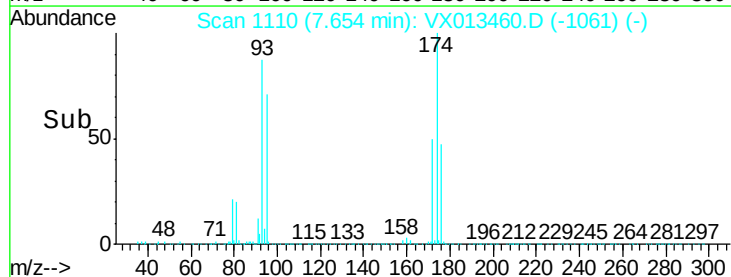
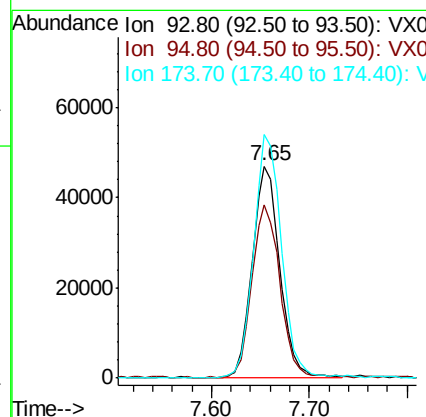
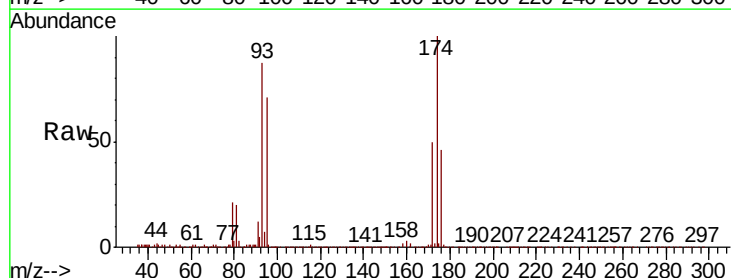
Manual Integrations
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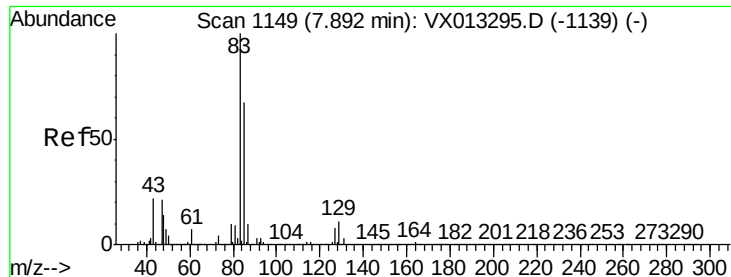
MMDadoda
 11/20/2019 9:17:49 AM



#46
 Dibromomethane
 Concen: 19.573 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.8	98.6
174	116.2	90.4	135.6





#47

Bromodichloromethane

Concen: 20.564 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tot Ion:	83	Resp:	181507
Ion Ratio	Lower	Upper	
83	100		
85	62.4	53.7	80.5
127	8.0	6.4	9.6

Instrument :

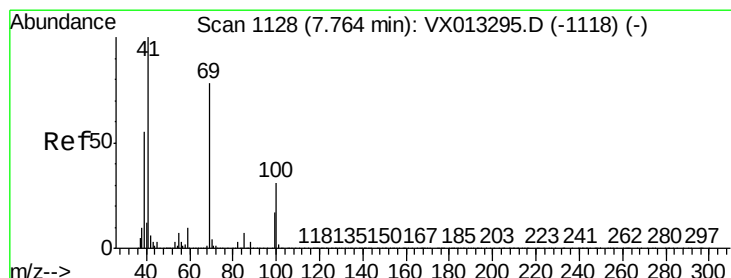
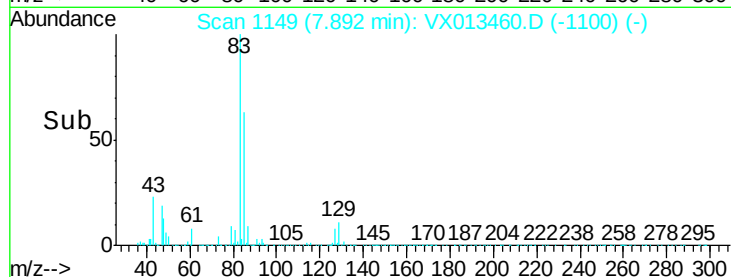
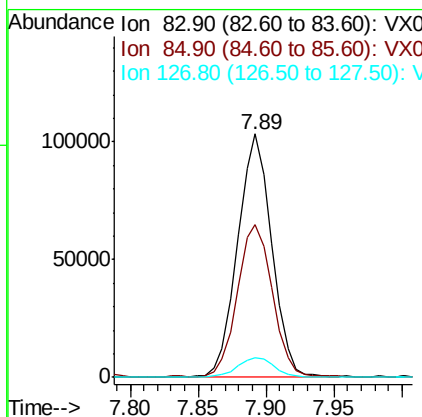
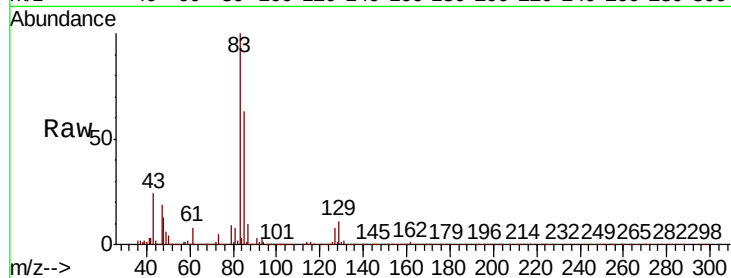
MSVOA_X

ClientSampleId :

VX1119WBS01

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#48

Methyl methacrylate

Concen: 20.083 ug/l

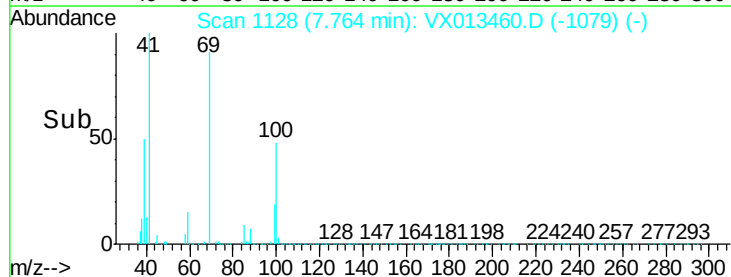
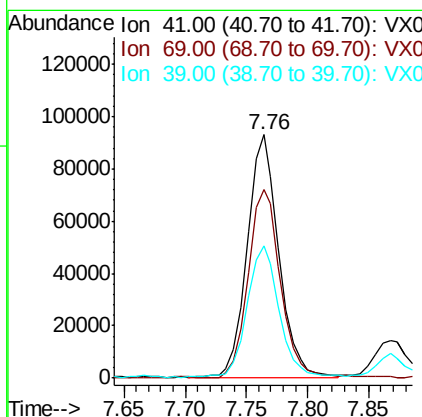
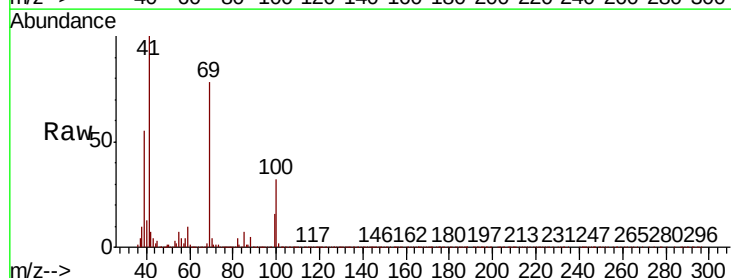
RT: 7.76 min Scan# 1128

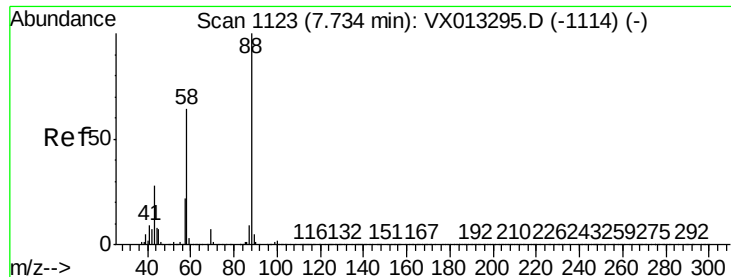
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	41	Resp:	166609
Ion Ratio	Lower	Upper	
41	100		
69	79.6	63.0	94.6
39	55.0	45.9	68.9





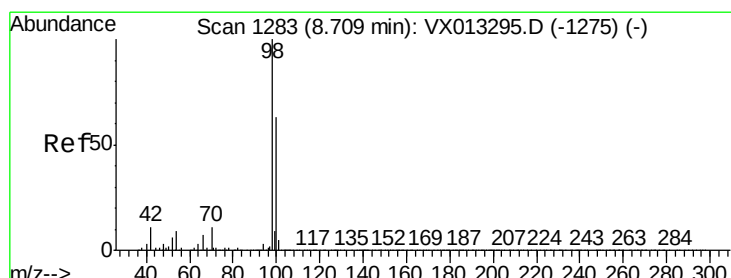
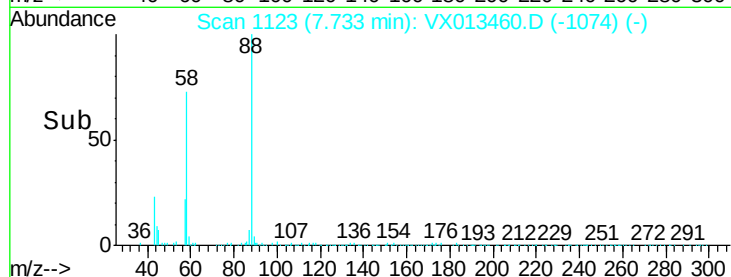
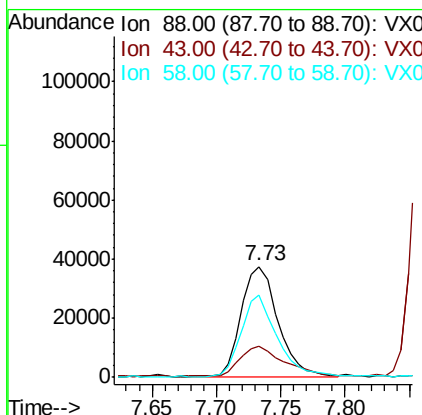
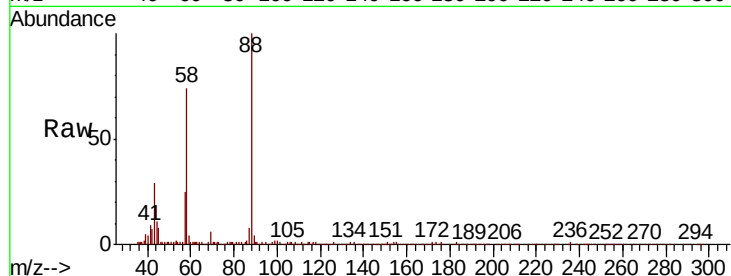
#49
1,4-Dioxane
Concen: 389.032 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	26.6	39.8
58	72.5	55.0	82.6

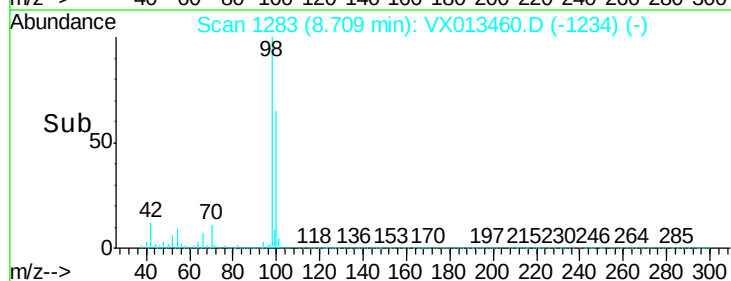
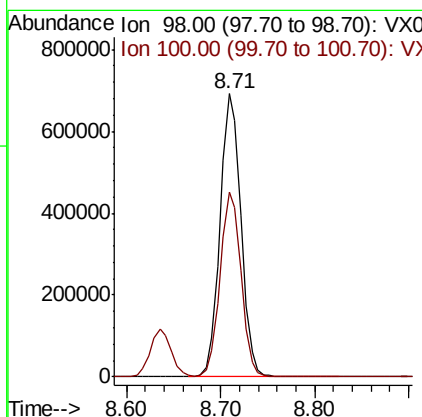
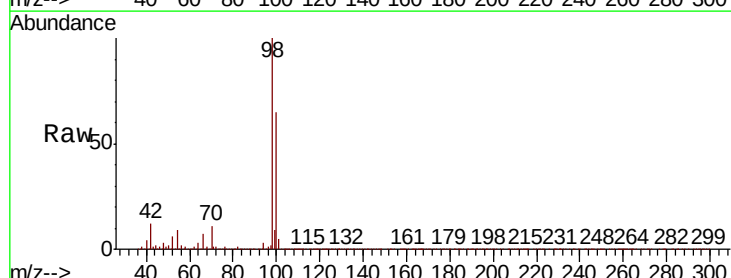
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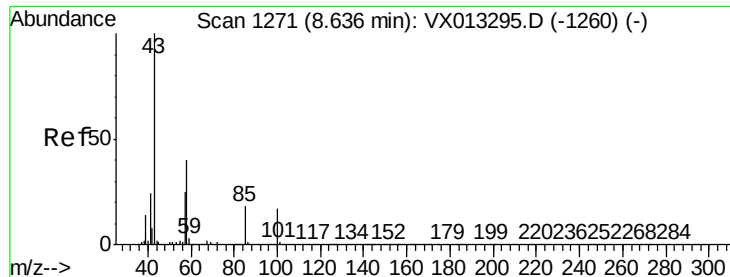
MMDadoda
11/20/2019 9:17:49 AM



#50
Toluene-d8
Concen: 44.631 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 100.391 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 43 Resp: 1094648

Ion Ratio Lower Upper

43 100

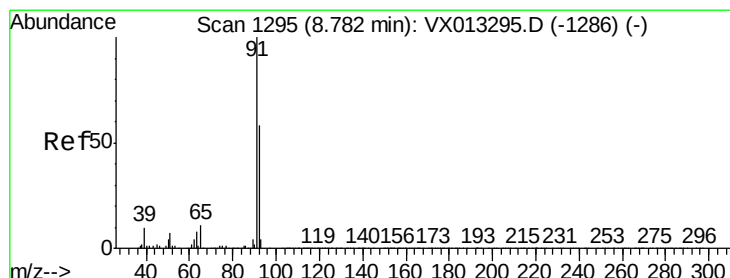
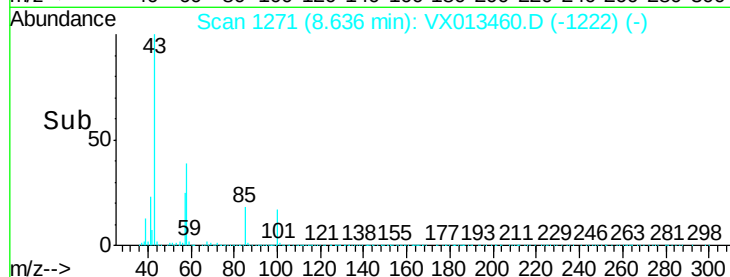
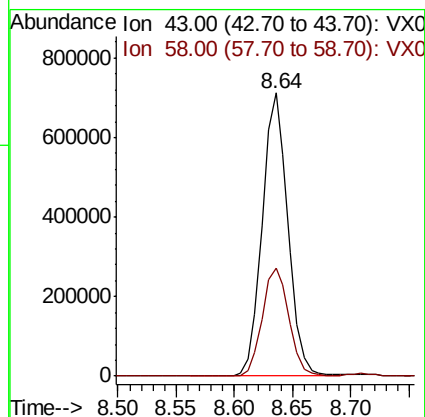
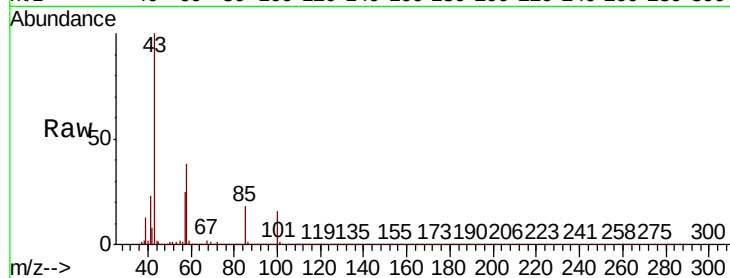
58 39.6 31.4 47.0

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#52

Toluene

Concen: 20.045 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013460.D

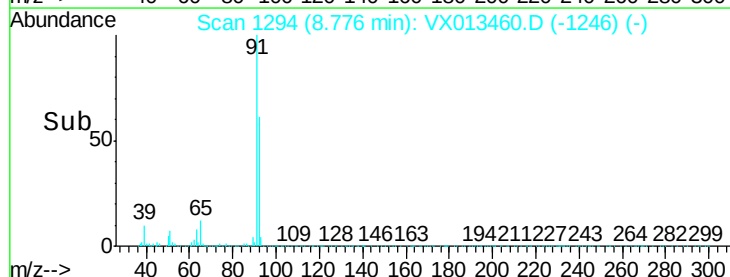
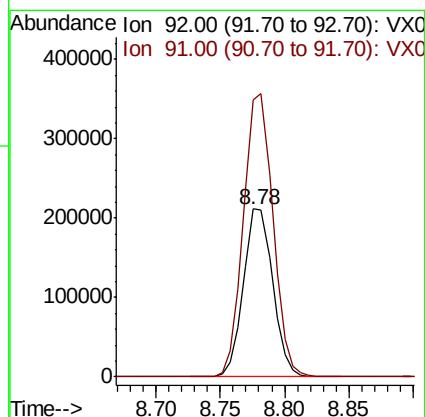
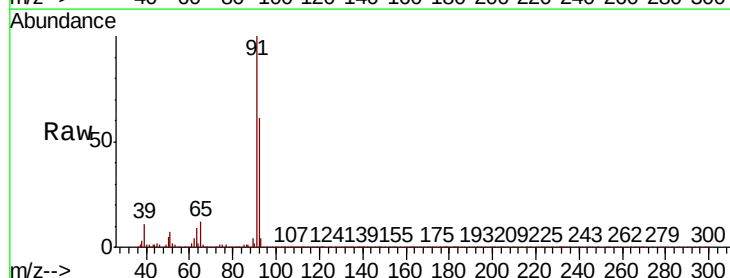
Acq: 19 Nov 2019 12:44

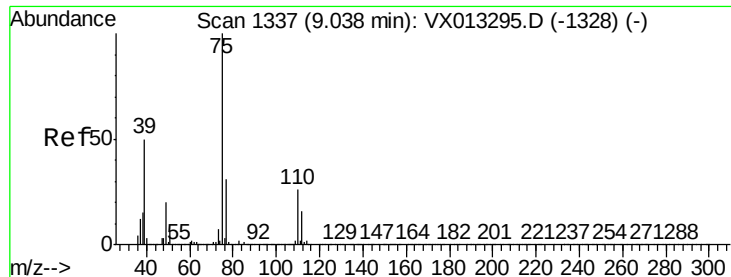
Tgt Ion: 92 Resp: 334261

Ion Ratio Lower Upper

92 100

91 169.5 138.0 207.0





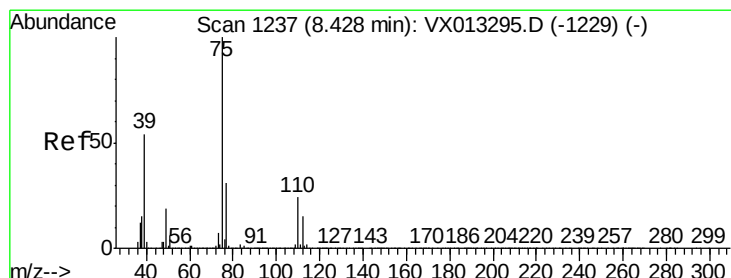
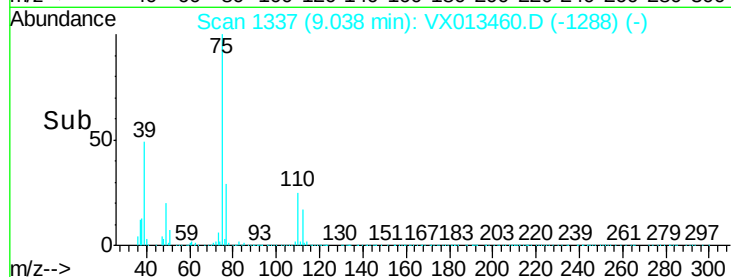
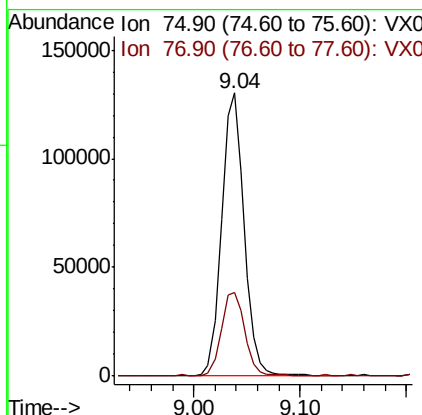
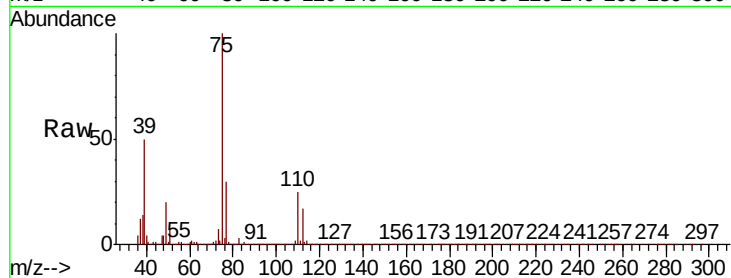
#53
t-1,3-Dichloropropene
Concen: 19.818 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.5	25.0	37.4

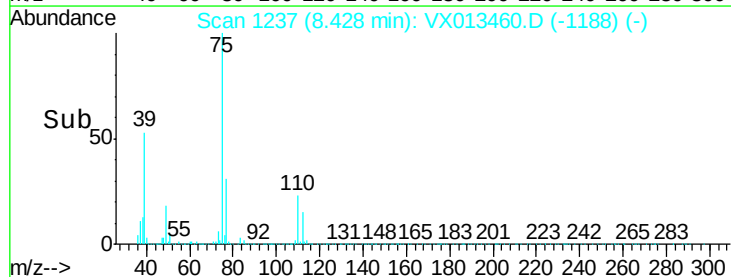
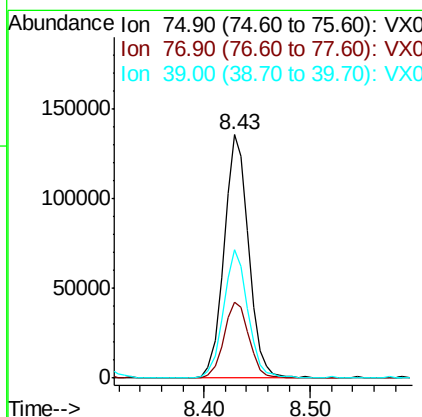
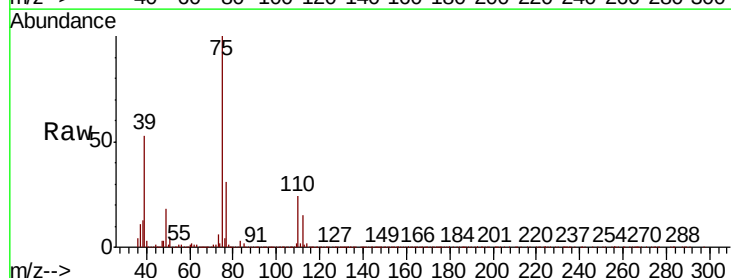
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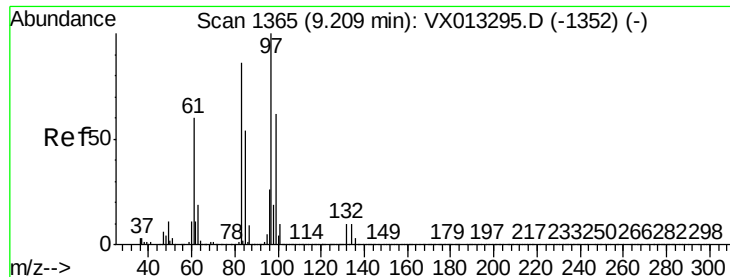
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#54
cis-1,3-Dichloropropene
Concen: 20.267 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	52.4	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 20.507 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

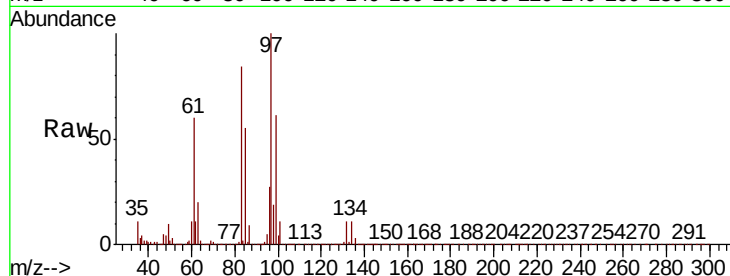
ClientSampleId :

VX1119WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.5	68.6	103.0		
85	54.8	43.1	64.7		
99	60.7	49.4	74.0		

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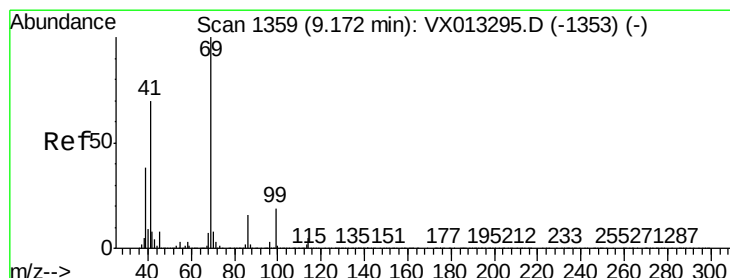
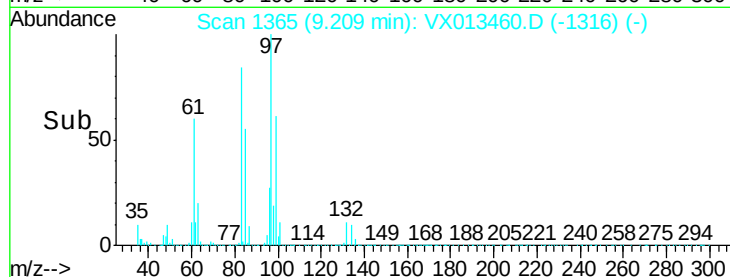
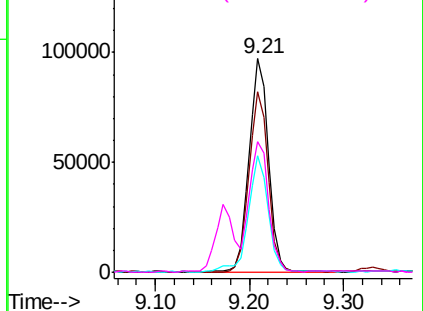


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.522 ug/l

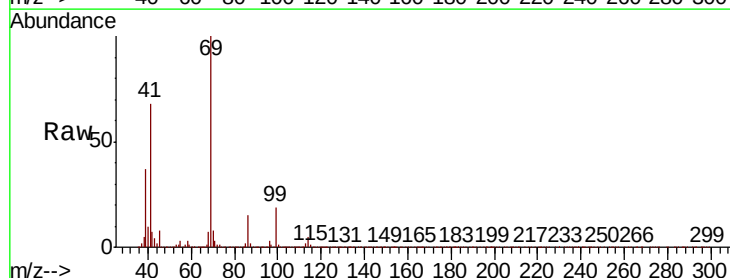
RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

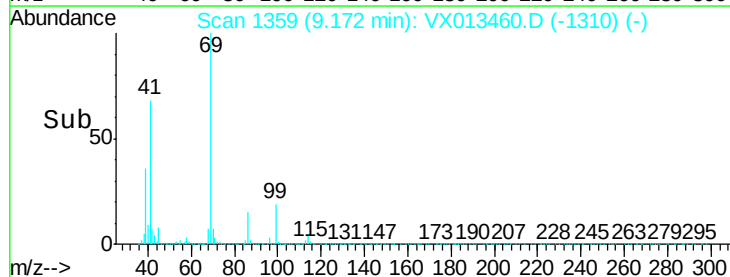
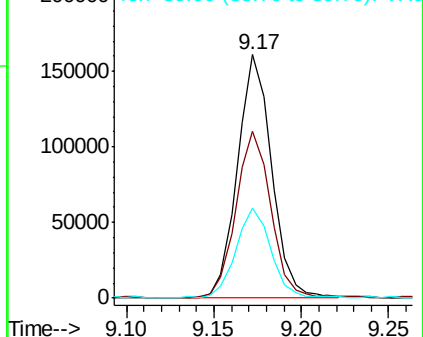
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	69.5	56.2	84.2		
39	36.9	31.1	46.7		

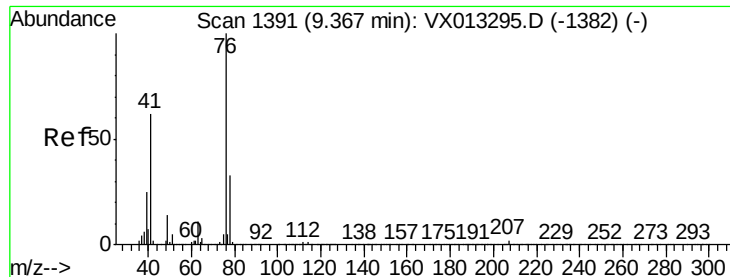


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





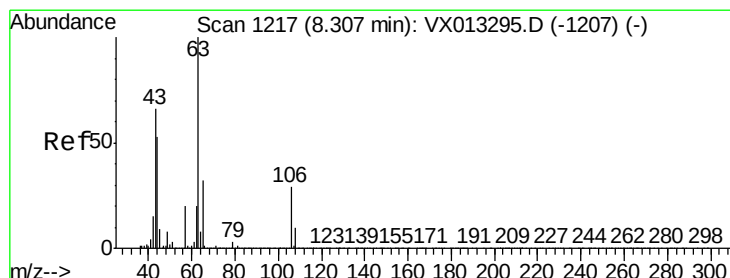
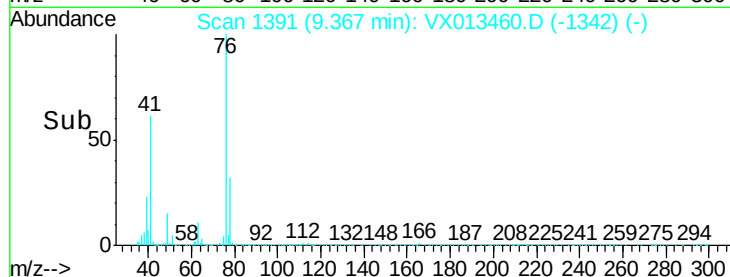
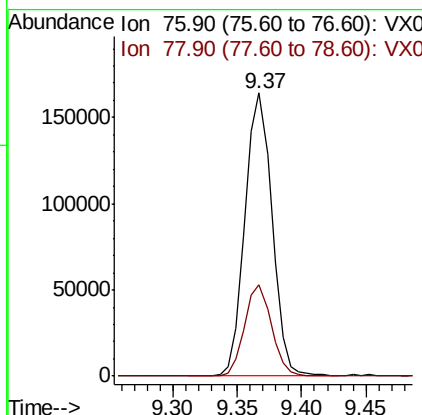
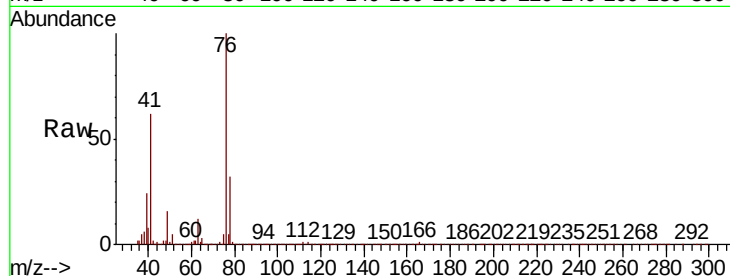
#57
 1,3-Dichloropropane
 Concen: 20.353 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

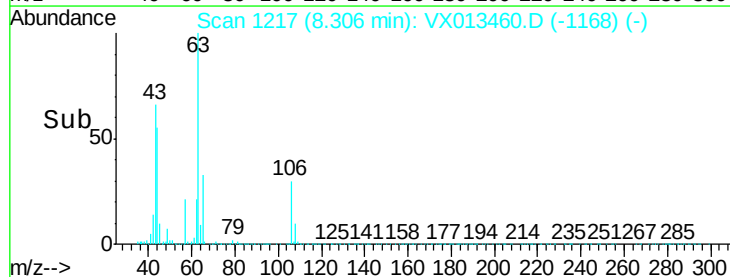
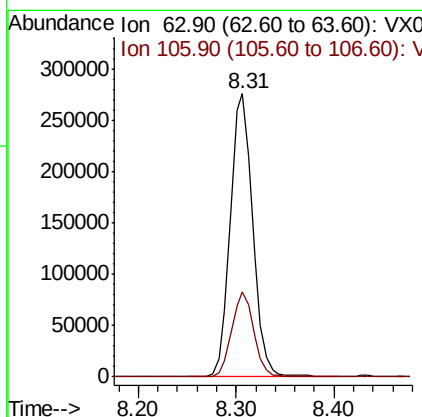
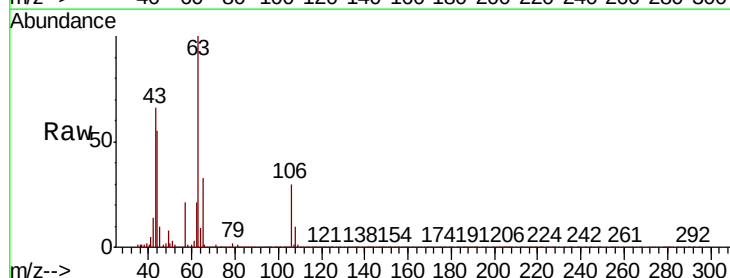
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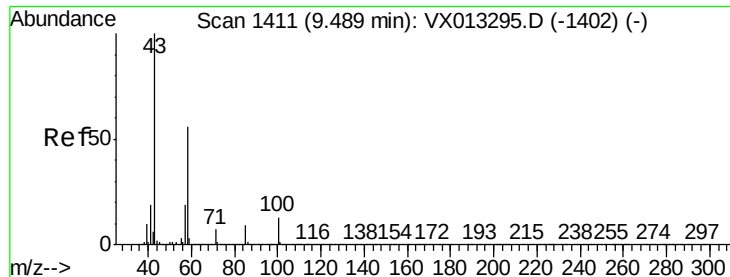
MMDadoda
 11/20/2019 9:17:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.571 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.4	35.2





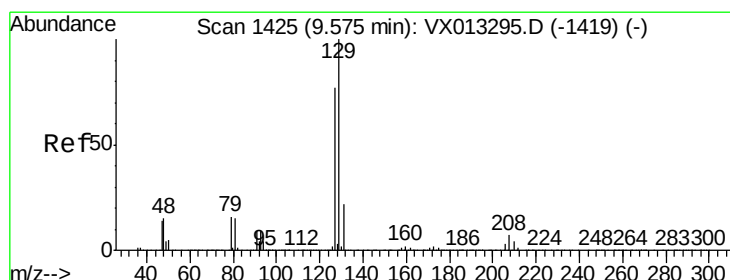
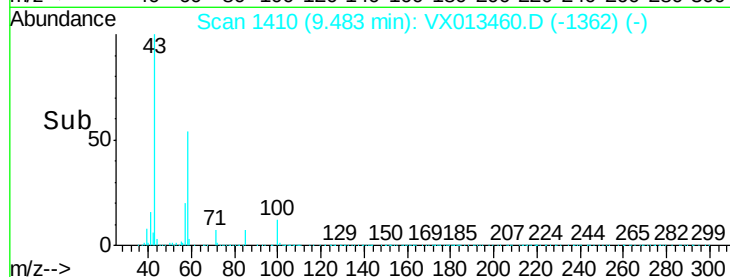
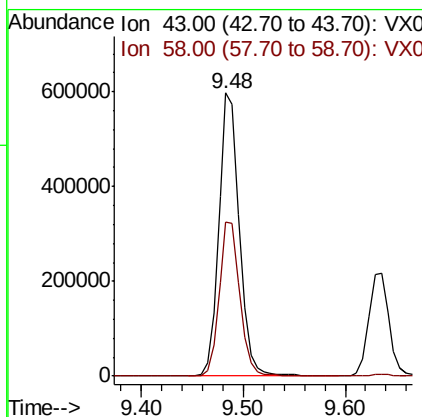
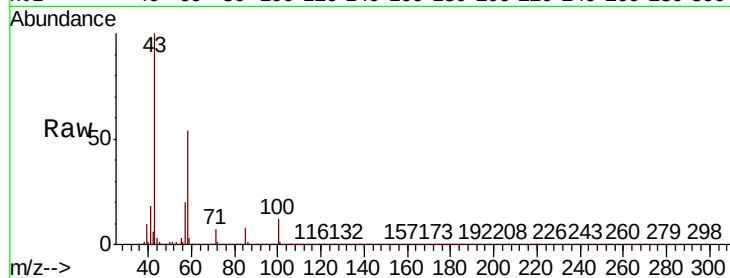
#59
2-Hexanone
Concen: 99.692 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion: 43 Resp: 840027
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

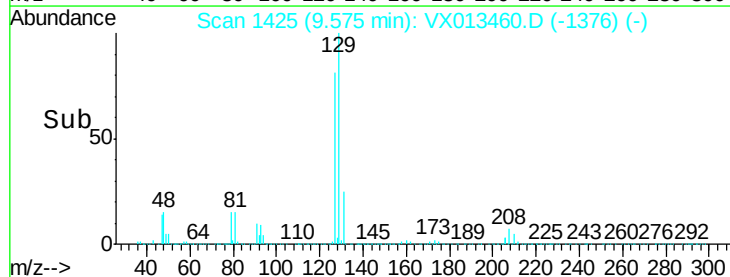
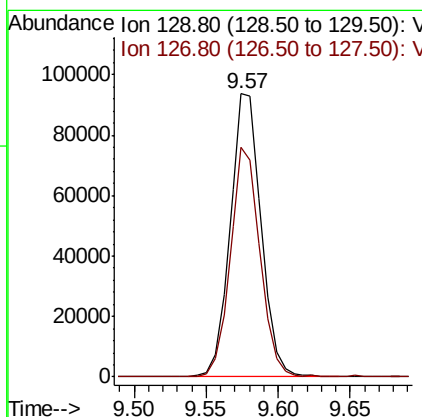
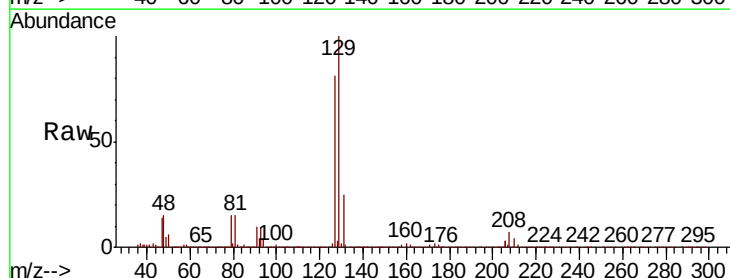
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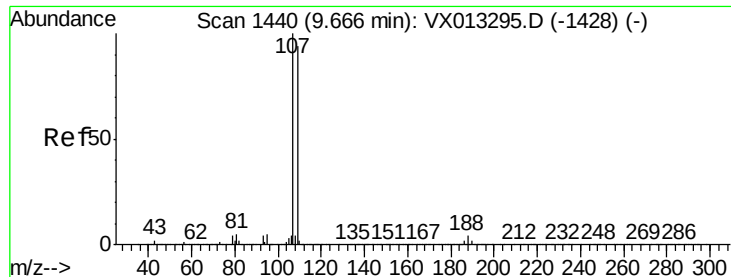
MMDadoda
11/20/2019 9:17:49 AM



#60
Dibromochloromethane
Concen: 19.780 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 129 Resp: 139823
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.750 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 107 Resp: 144956

Ion Ratio Lower Upper

107 100

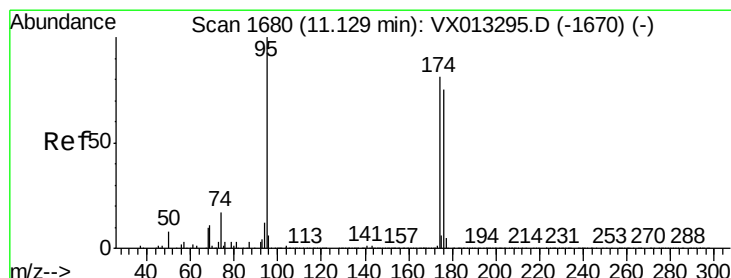
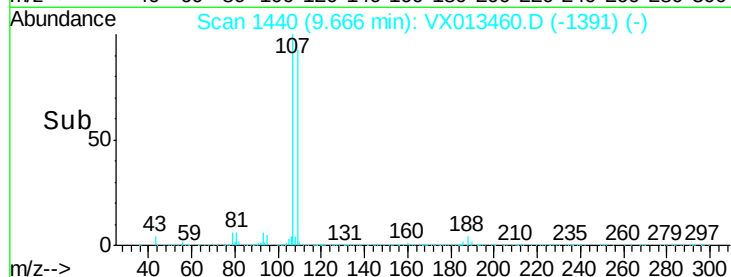
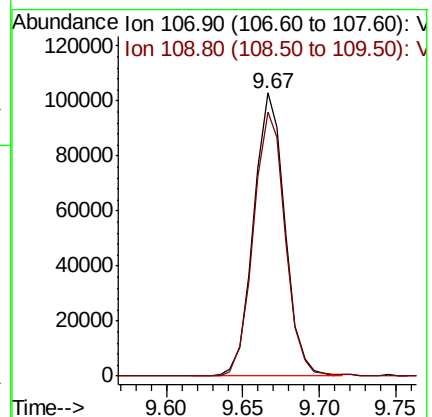
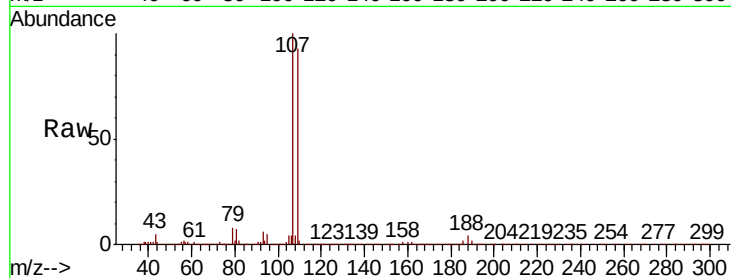
109 95.1 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 44.469 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

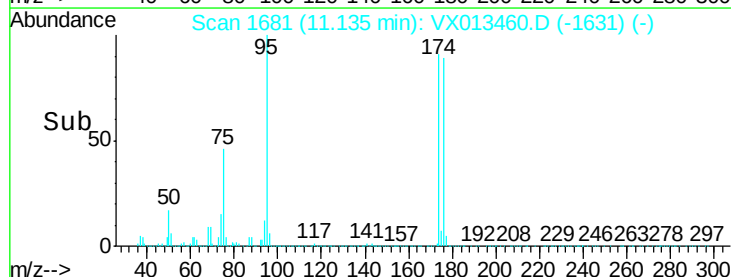
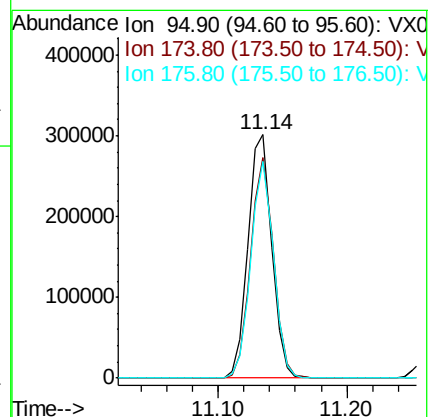
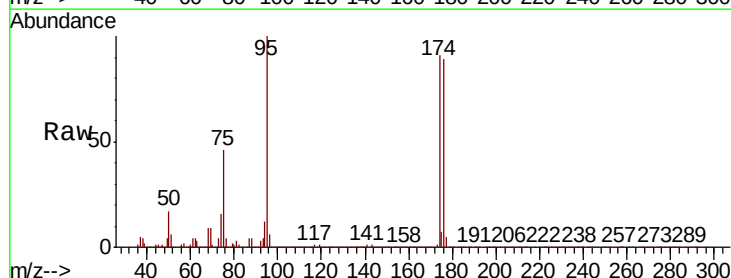
Tgt Ion: 95 Resp: 382080

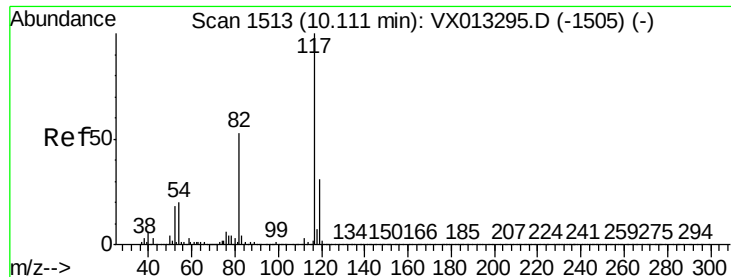
Ion Ratio Lower Upper

95 100

174 87.0 0.0 179.8

176 84.9 0.0 173.0





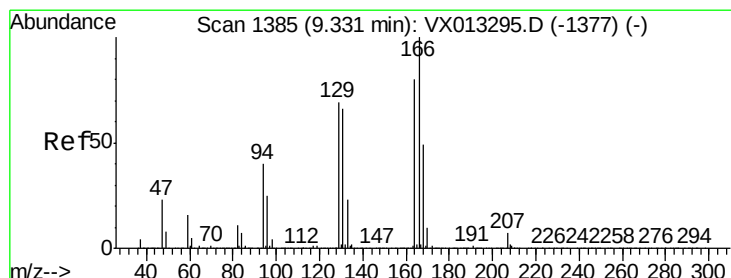
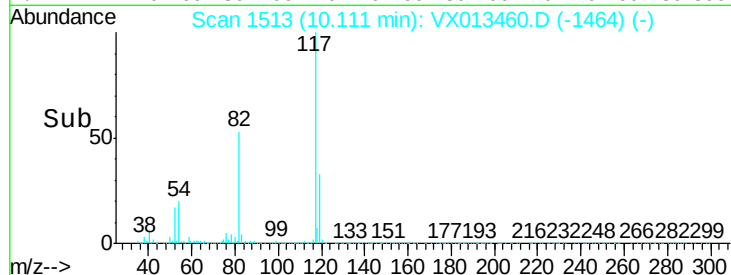
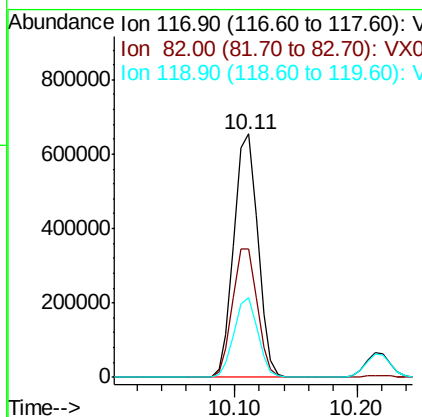
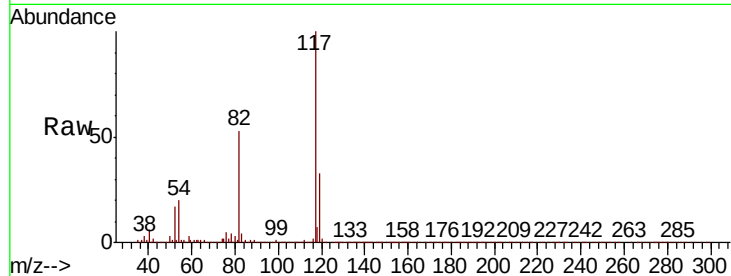
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	891161		
82	52.5	42.6	64.0	
119	32.7	24.8	37.2	

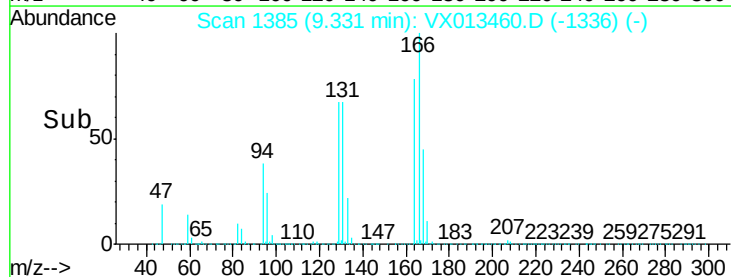
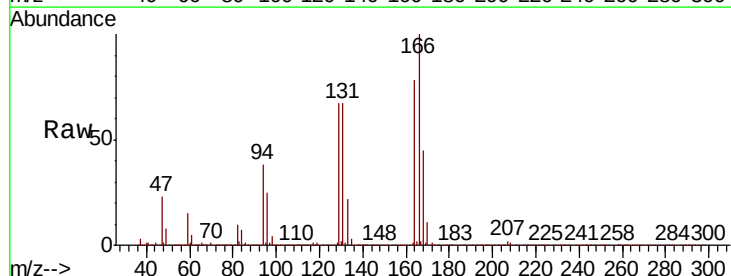
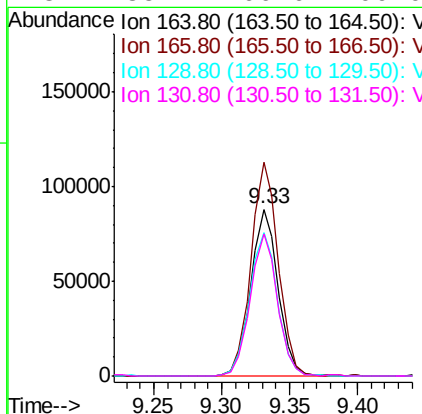
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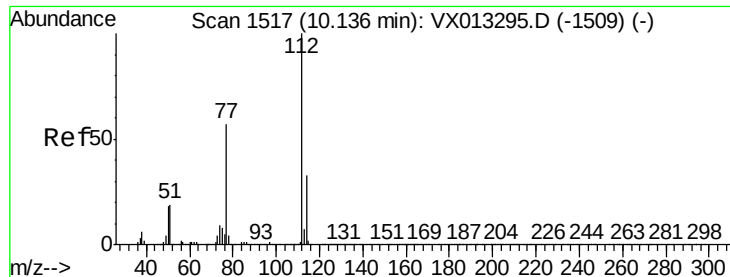
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#64
Tetrachloroethene
Concen: 19.511 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124471		
166	128.3	100.4	150.6	
129	86.3	69.4	104.2	
131	85.4	66.6	100.0	





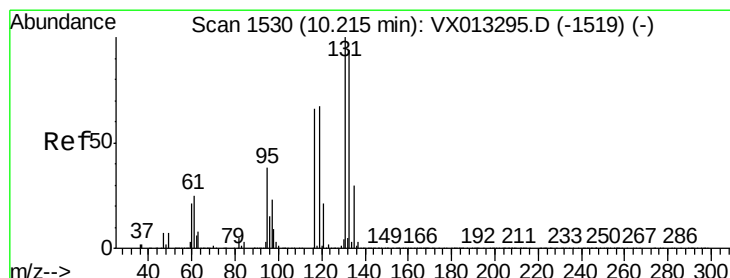
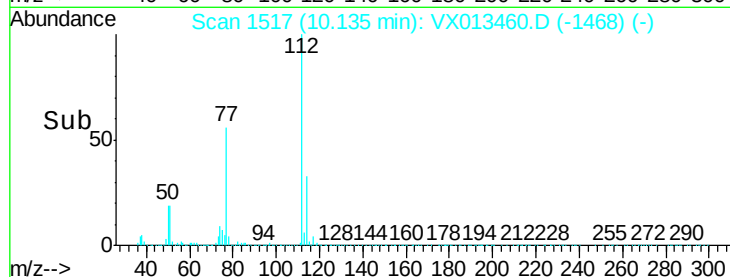
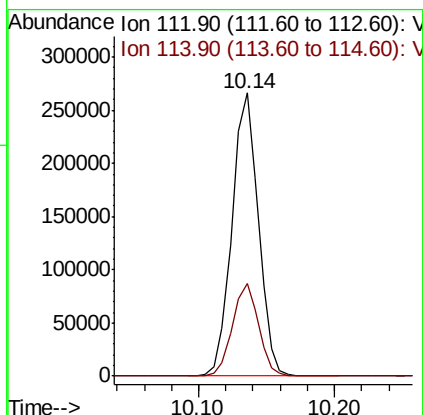
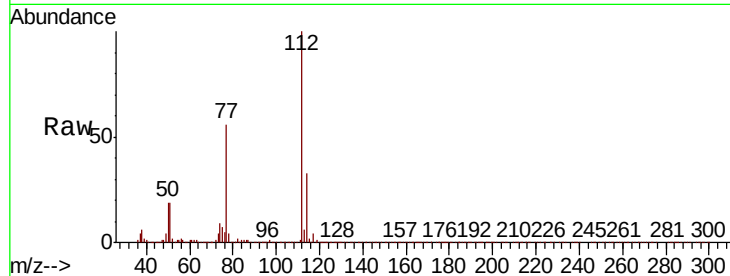
#65
Chlorobenzene
Concen: 19.900 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.4	39.6

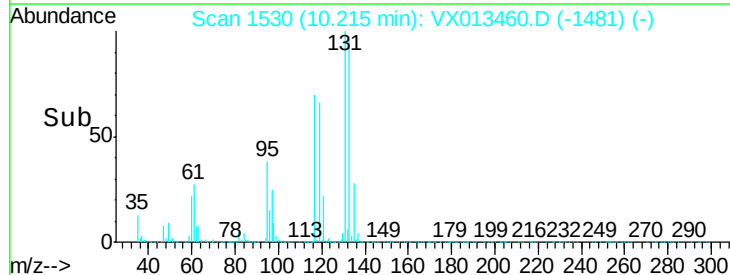
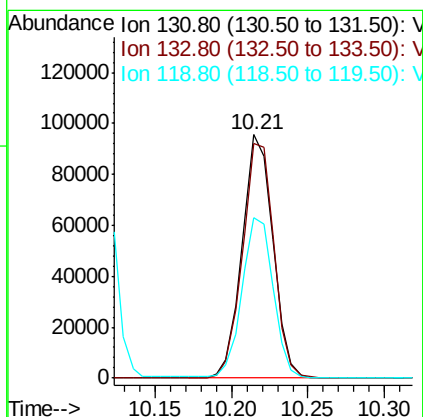
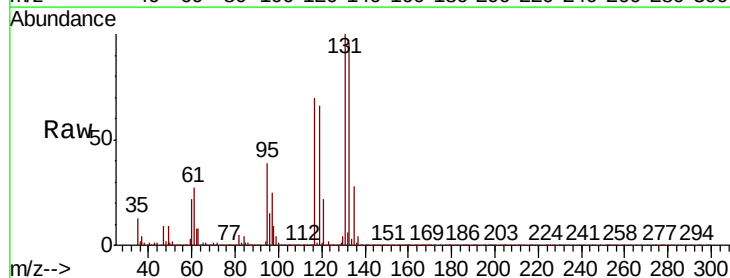
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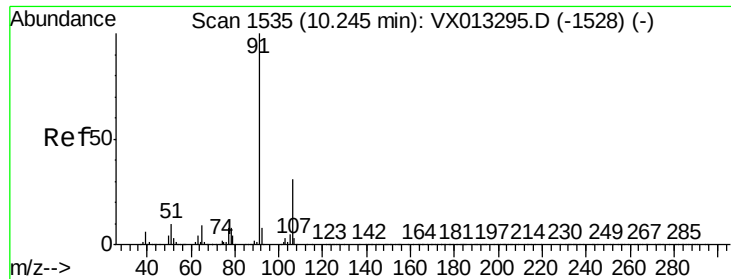
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.200 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.0	48.0	144.0
119	66.4	33.0	99.0





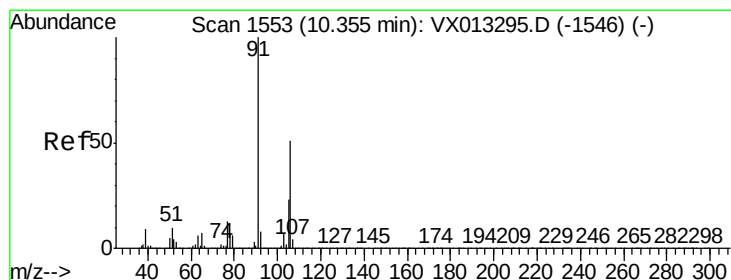
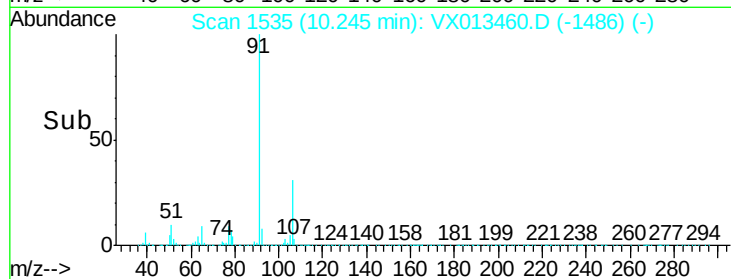
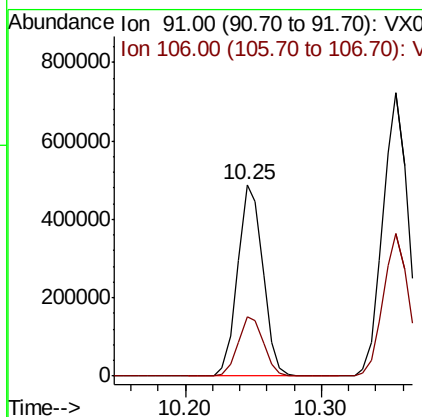
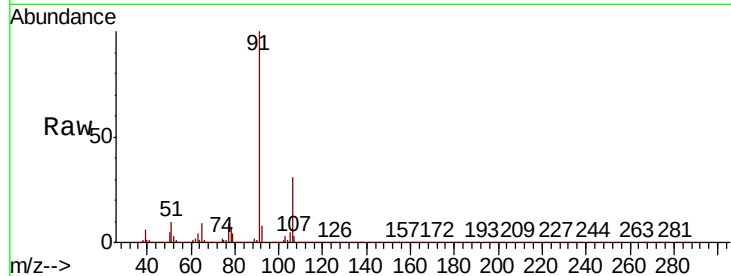
#67
Ethyl Benzene
Concen: 20.302 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion: 91 Resp: 632171
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

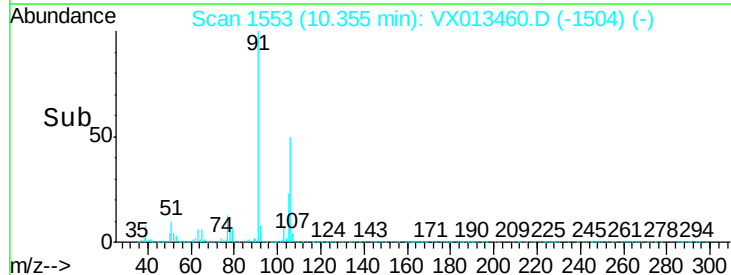
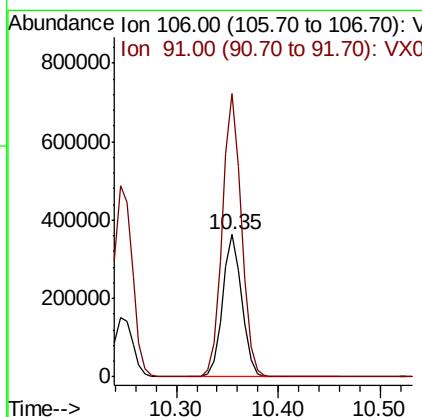
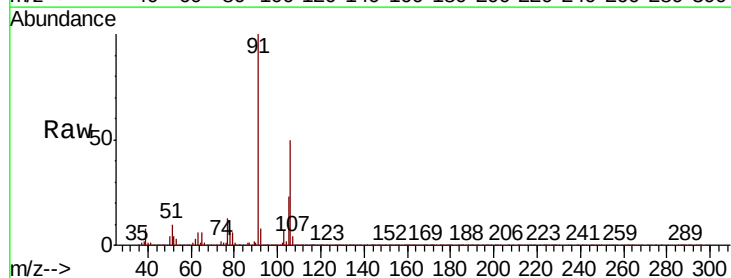
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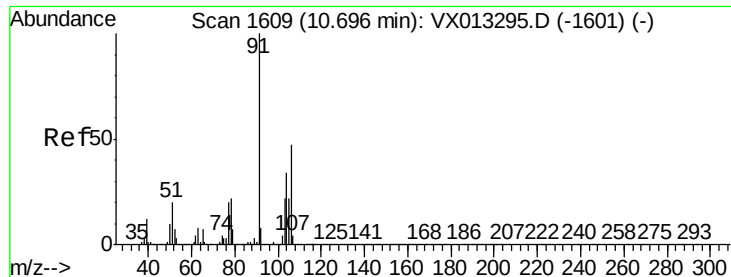
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#68
m/p-Xylenes
Concen: 40.225 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion: 106 Resp: 473698
Ion Ratio Lower Upper
106 100
91 199.2 159.3 238.9





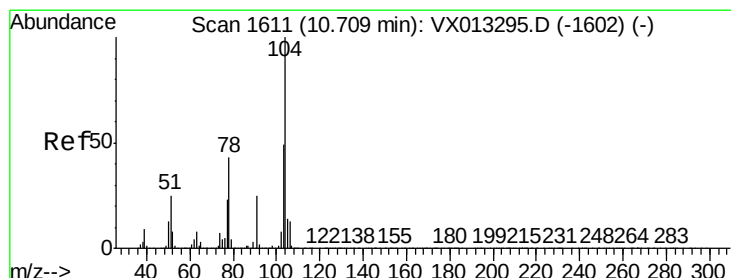
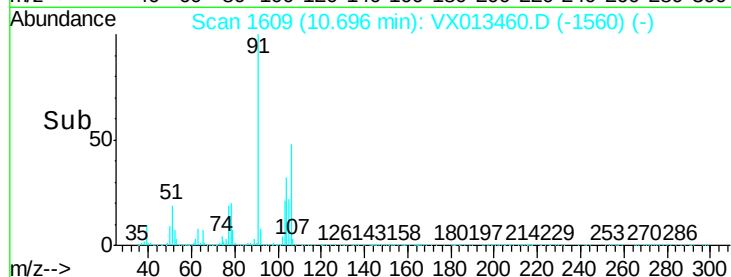
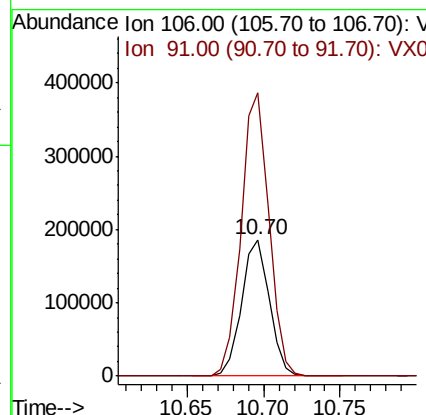
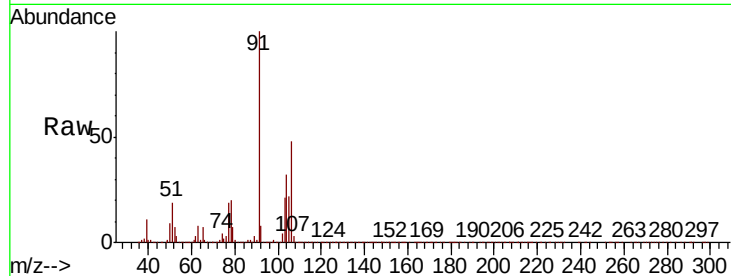
#69
o-Xylene
Concen: 20.225 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.2	105.7	317.0

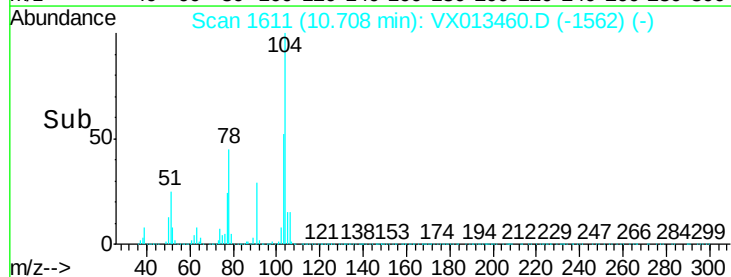
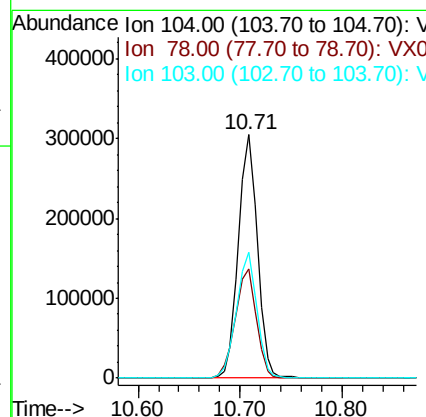
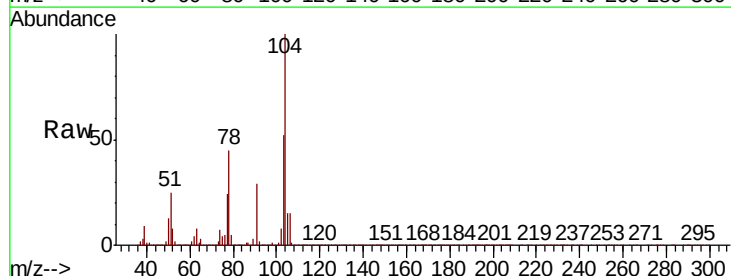
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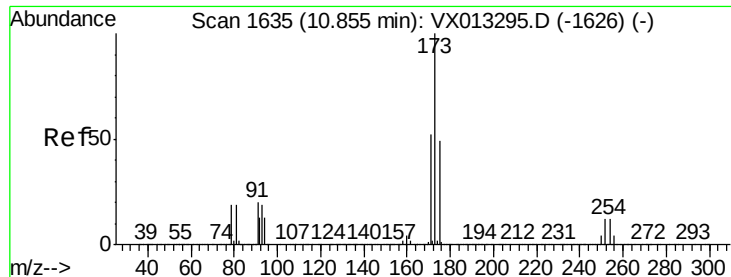
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#70
Styrene
Concen: 20.339 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	40.0	60.0
103	55.4	44.1	66.1





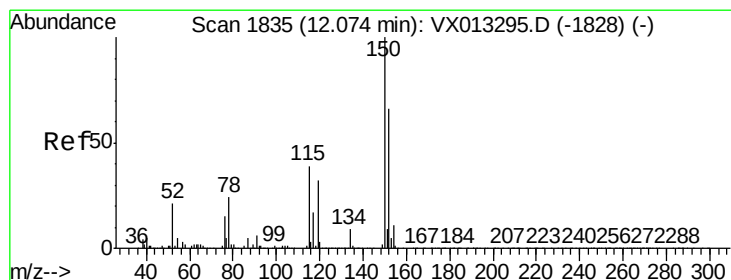
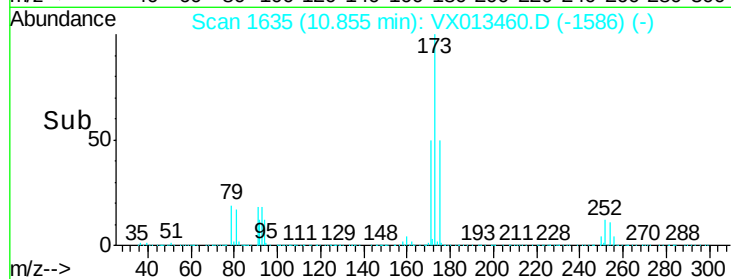
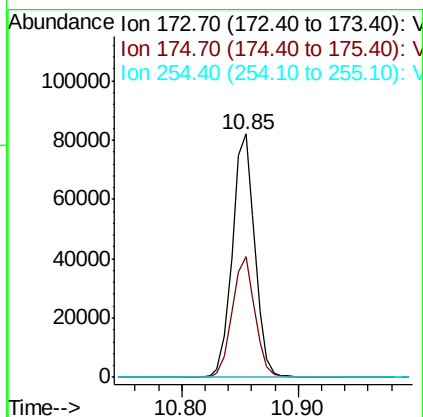
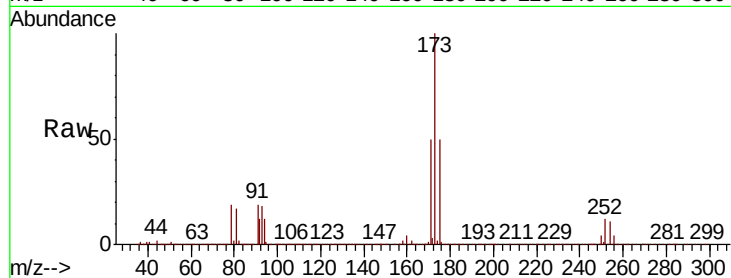
#71
Bromoform
Concen: 20.033 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.8	74.4
254	0.2	0.2	0.2

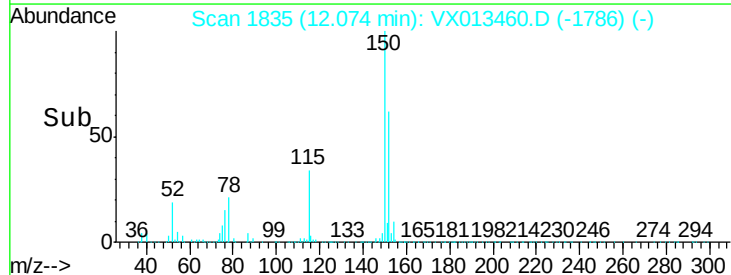
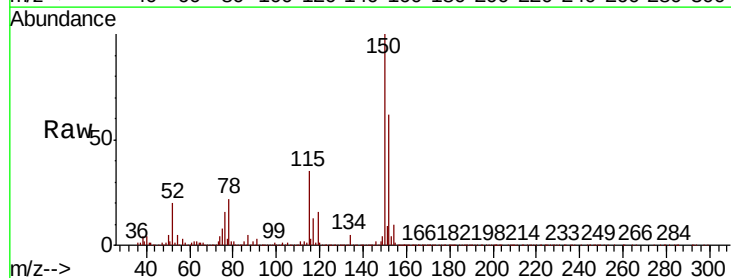
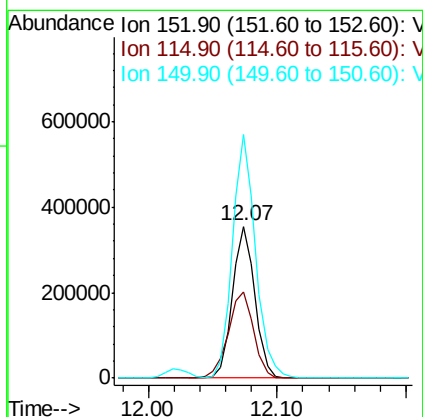
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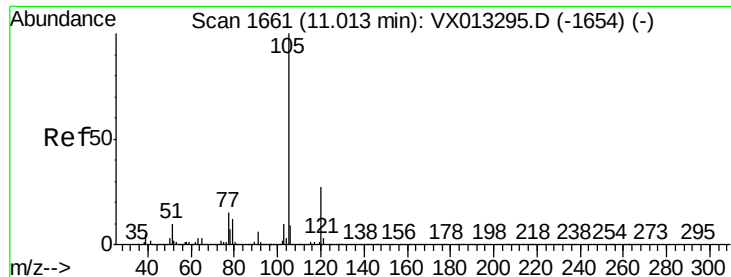
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.5	118.3
150	164.7	0.0	344.4





#73

Isopropylbenzene

Concen: 21.803 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion:105 Resp: 623602

Ion Ratio Lower Upper

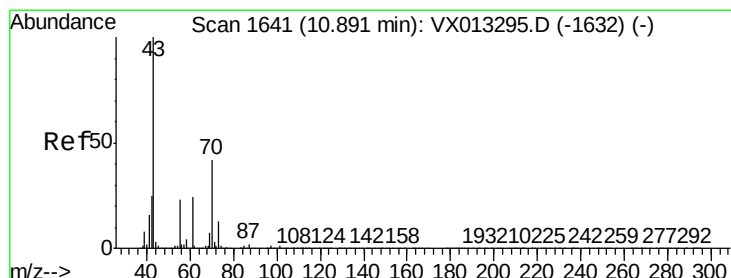
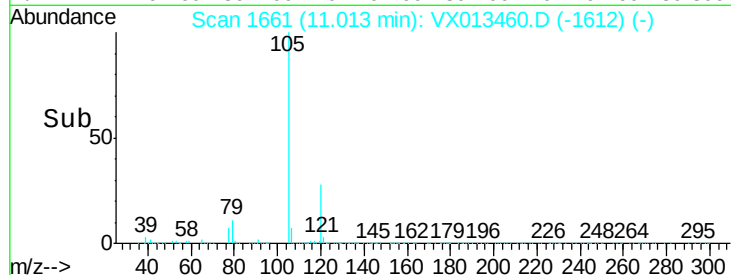
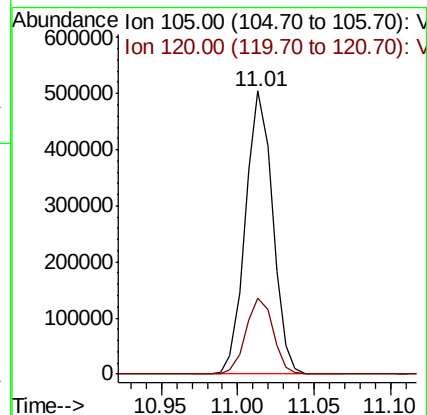
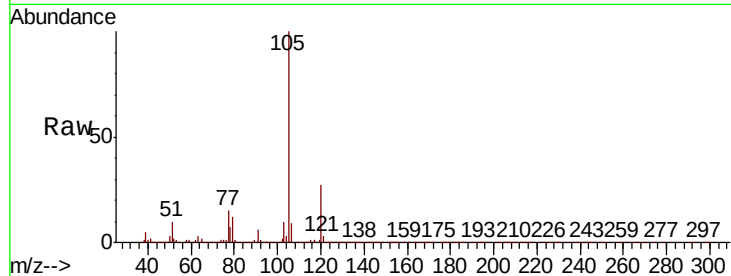
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 21.851 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion: 43 Resp: 289818

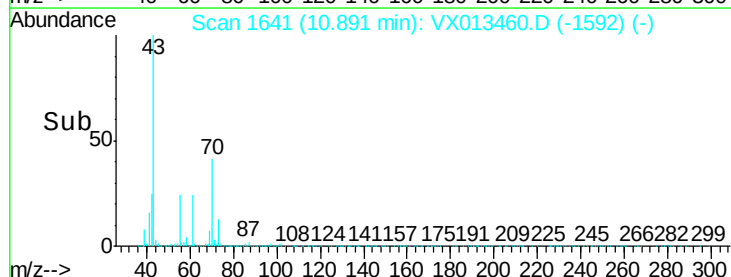
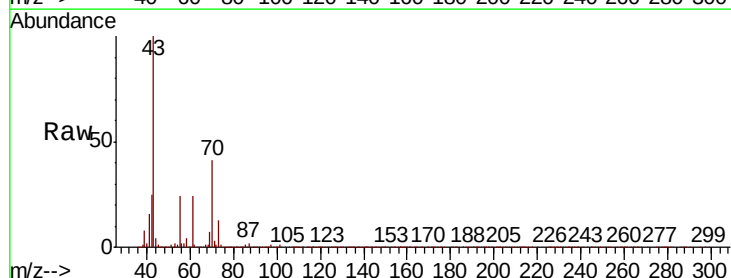
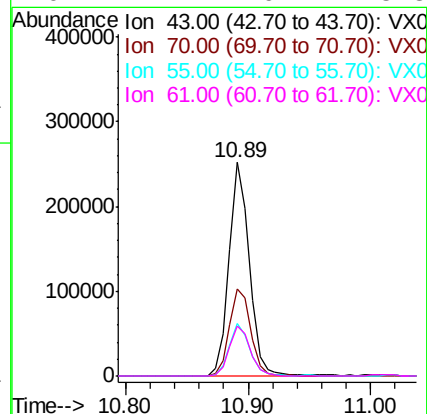
Ion Ratio Lower Upper

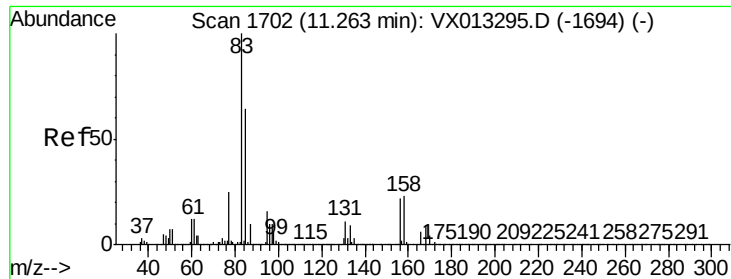
43 100

70 43.0 34.1 51.1

55 24.5 18.9 28.3

61 24.1 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.659 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

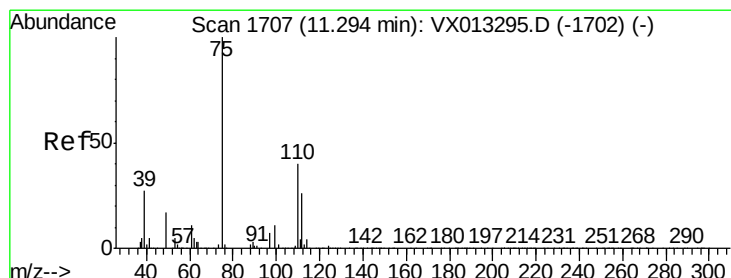
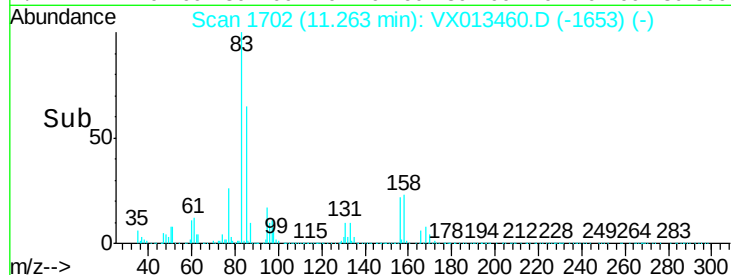
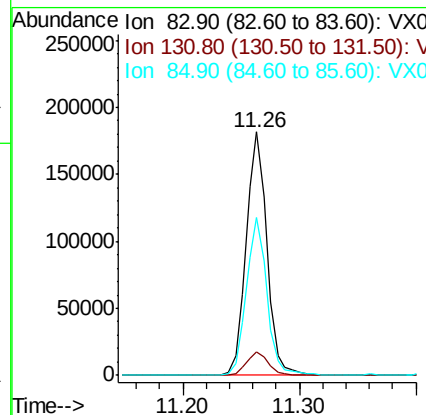
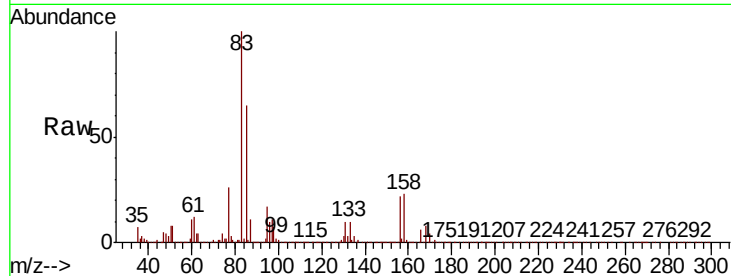
ClientSampleId :

VX1119WBS01

Tot Ion:	83	Resp:	225997
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 23.679 ug/l m

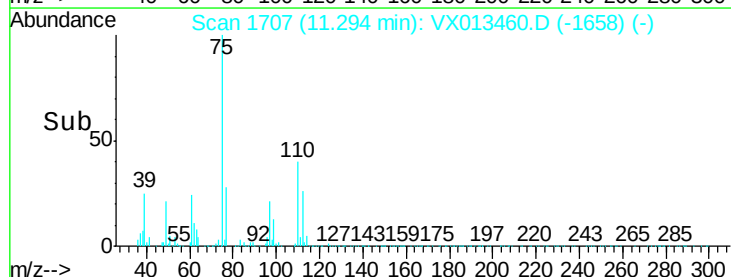
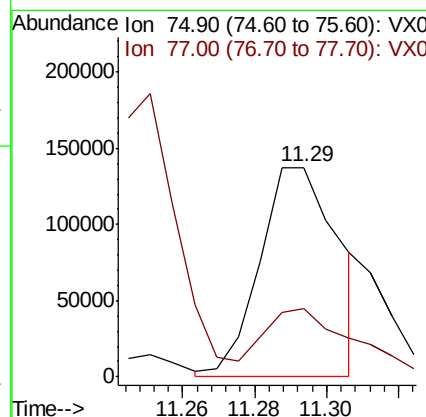
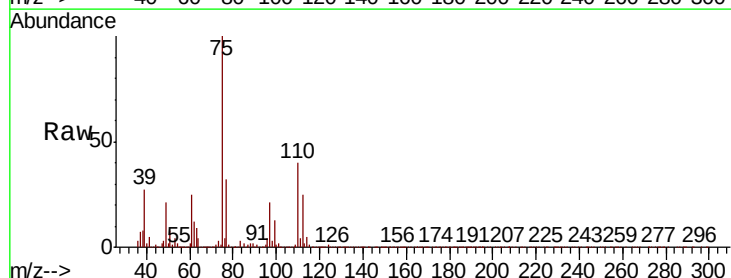
RT: 11.29 min Scan# 1707

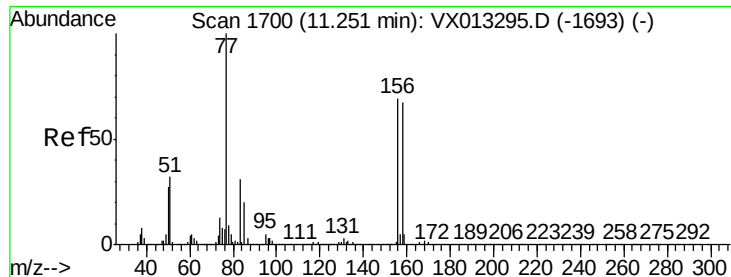
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	75	Resp:	207478
Ion Ratio	Lower	Upper	
75	100		
77	37.2	22.3	66.8





#77

Bromobenzene

Concen: 21.405 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

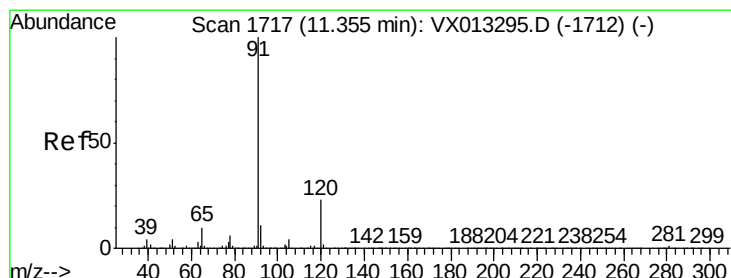
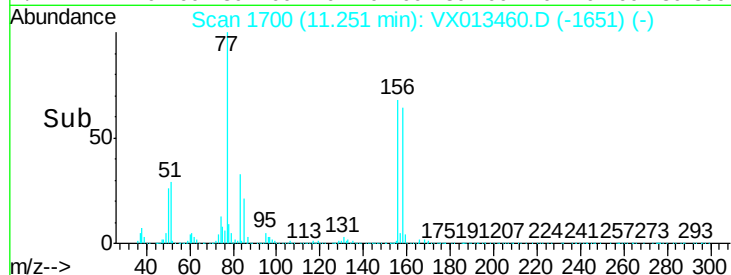
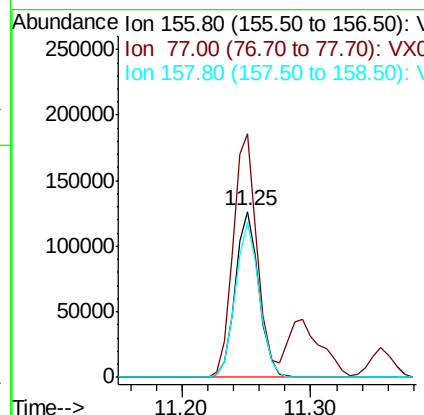
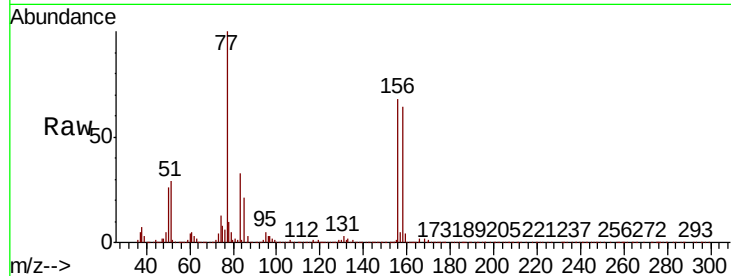
ClientSampleId :

VX1119WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.1	75.8	227.4
158	94.5	47.6	142.8

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#78

n-propylbenzene

Concen: 21.544 ug/l

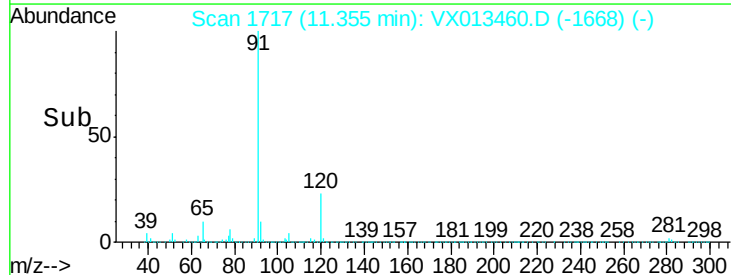
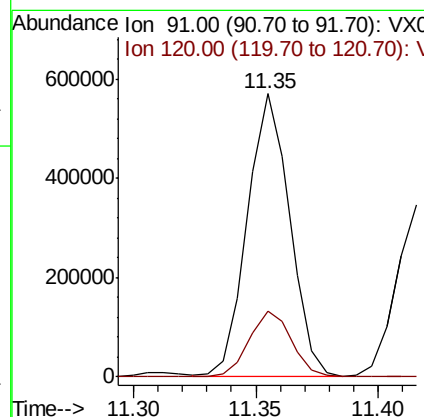
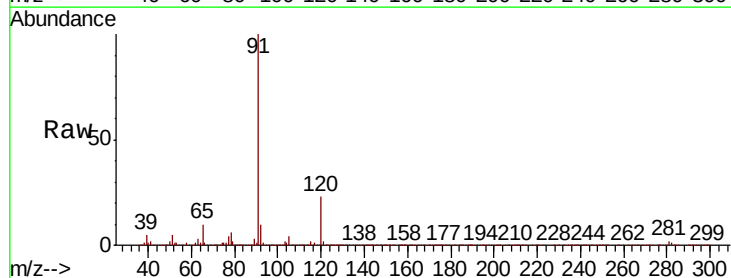
RT: 11.35 min Scan# 1717

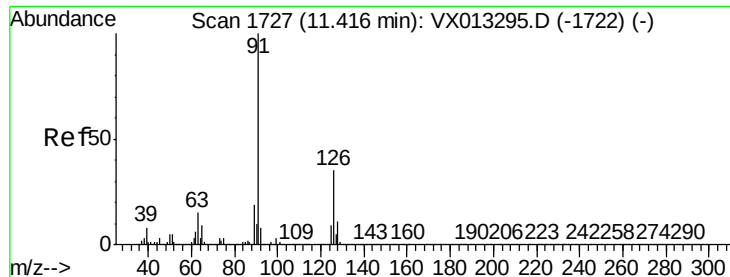
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.6	34.8





#79

2-Chlorotoluene

Concen: 21.607 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 91 Resp: 414763

Ion Ratio Lower Upper

91 100

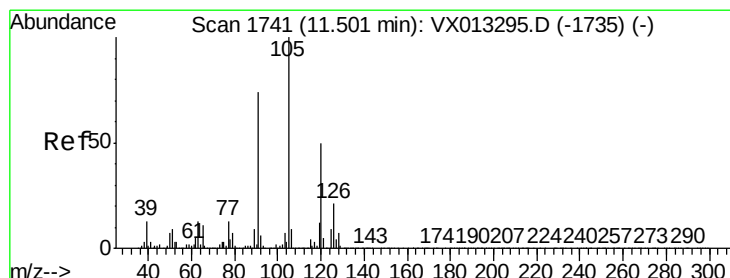
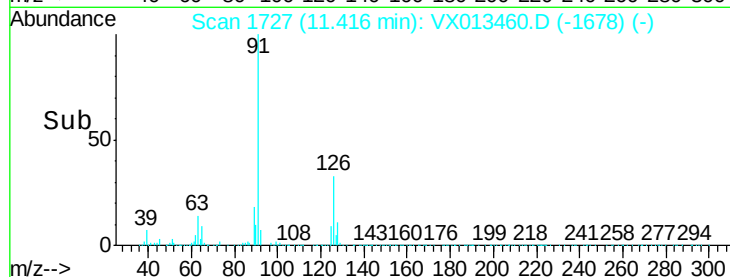
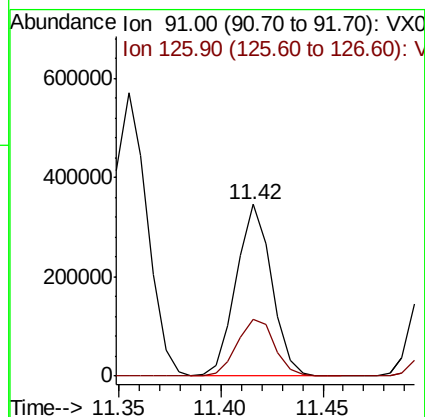
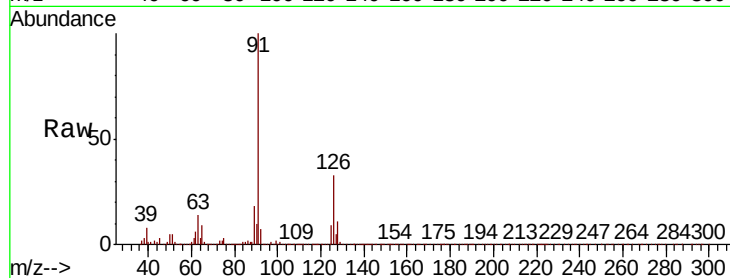
126 35.0 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.571 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013460.D

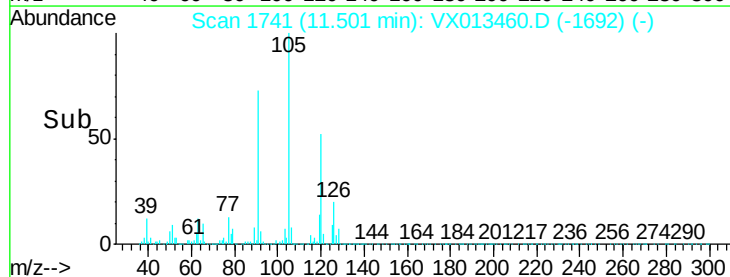
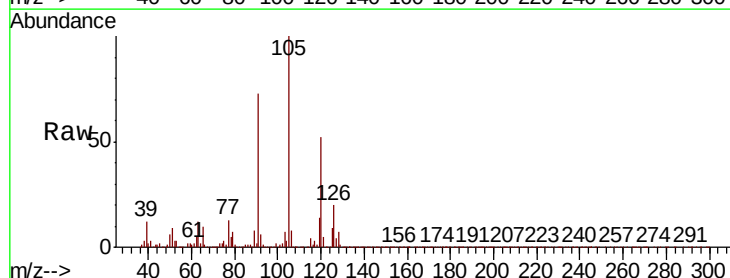
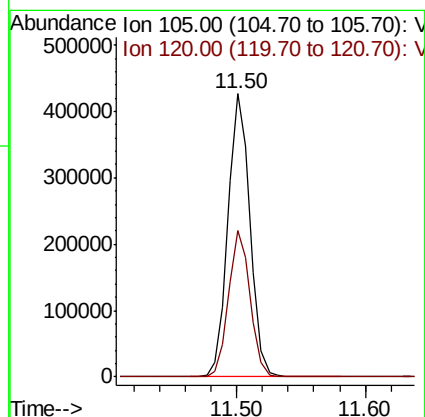
Acq: 19 Nov 2019 12:44

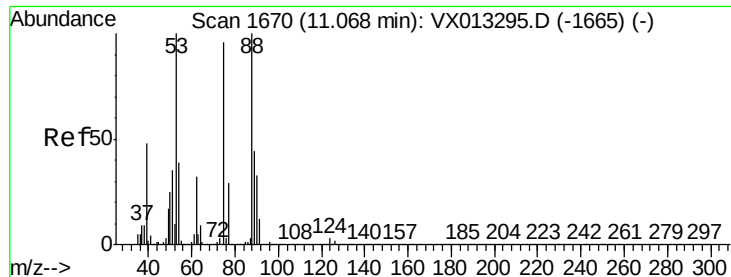
Tgt Ion: 105 Resp: 513913

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8





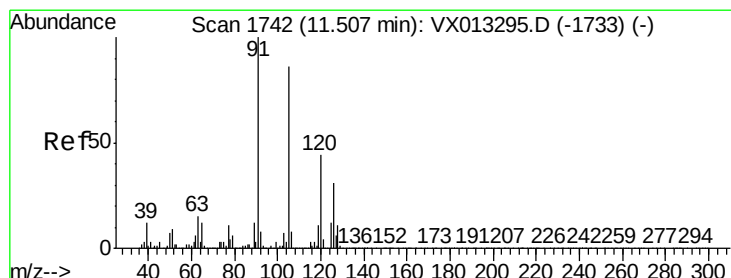
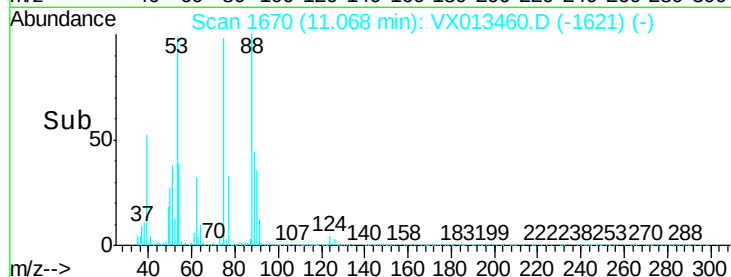
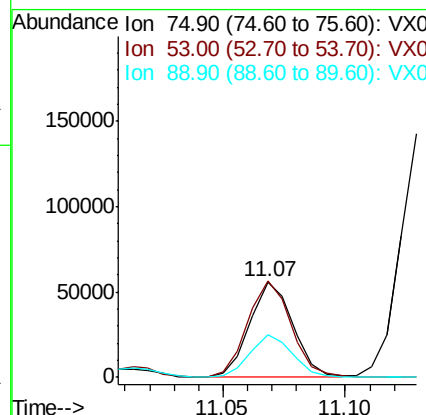
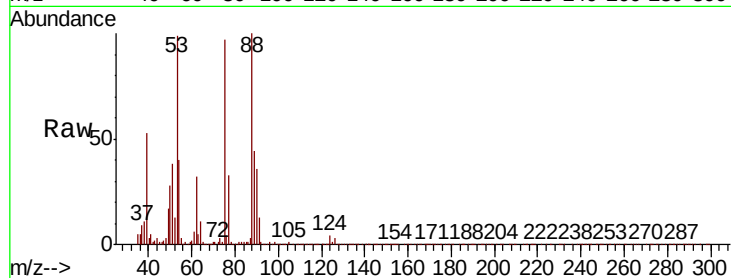
#81
trans-1,4-Dichloro-2-butene
Concen: 20.008 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.3	81.0	121.6
89	46.2	36.0	54.0

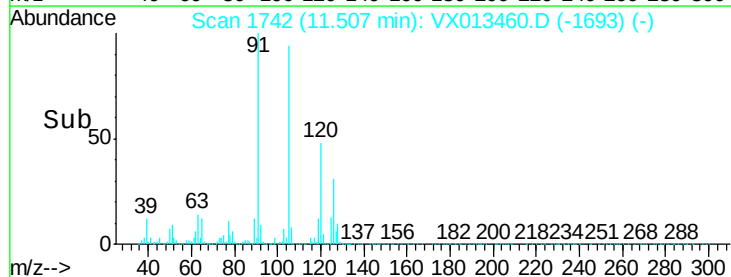
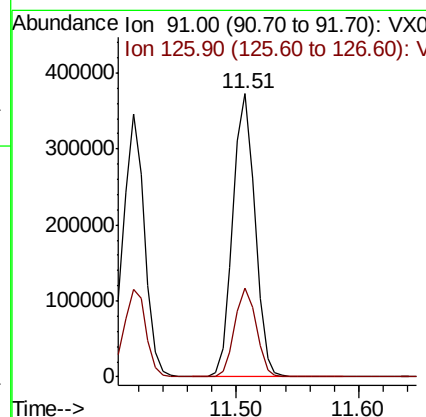
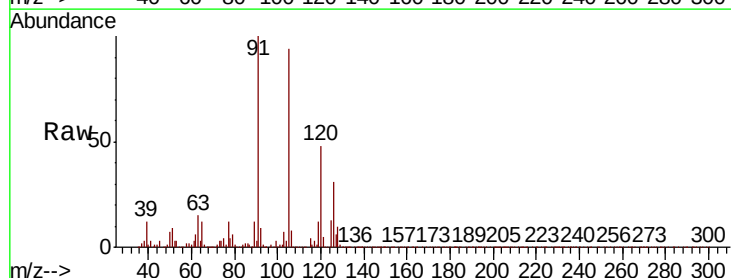
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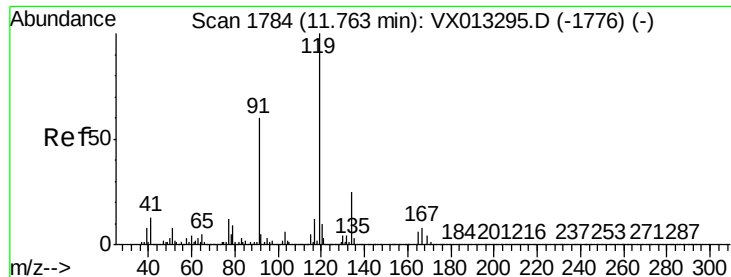
MMDadoda
11/20/2019 9:17:49 AM



#82
4-Chlorotoluene
Concen: 20.638 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8





#83

tert-Butylbenzene

Concen: 21.796 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

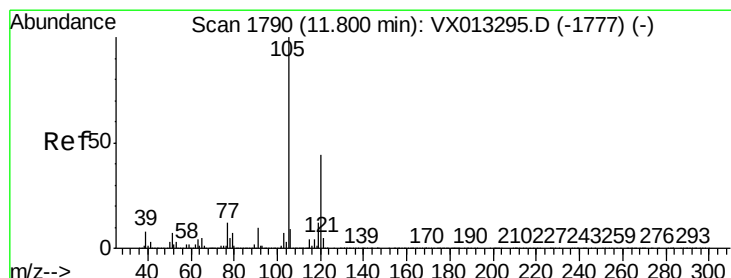
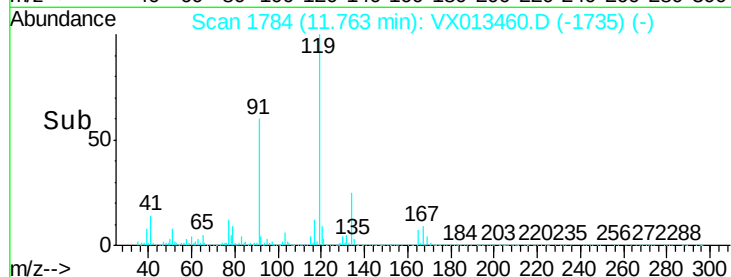
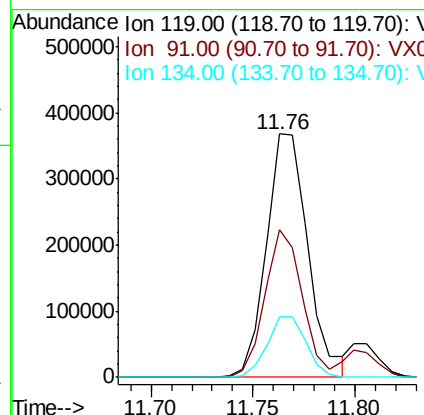
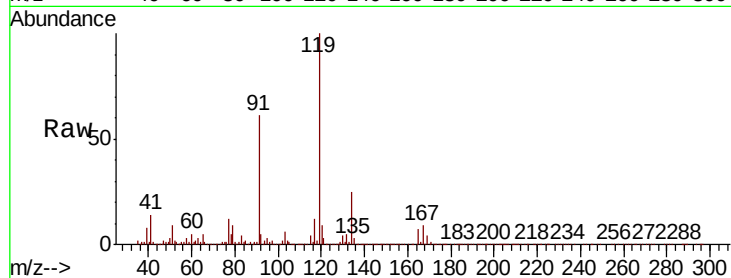
ClientSampleId :

VX1119WBS01

Tot Ion:	119	Resp:	522711
Ion Ratio	Lower	Upper	
119	100		
91	54.5	26.9	80.7
134	23.8	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.402 ug/l

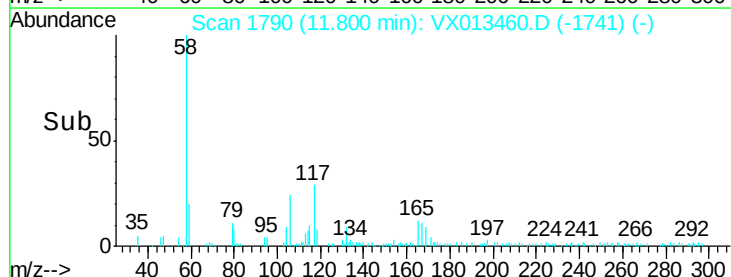
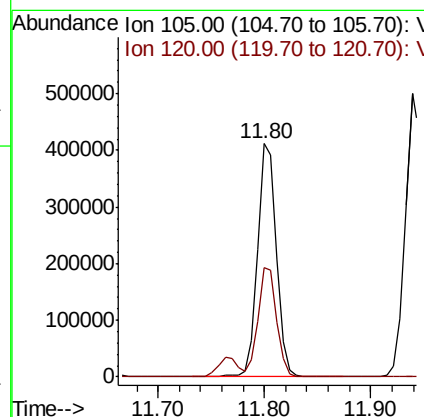
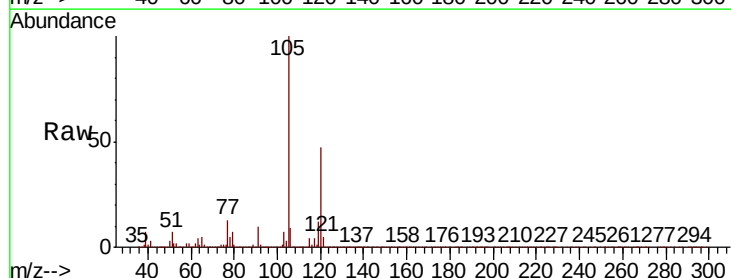
RT: 11.80 min Scan# 1790

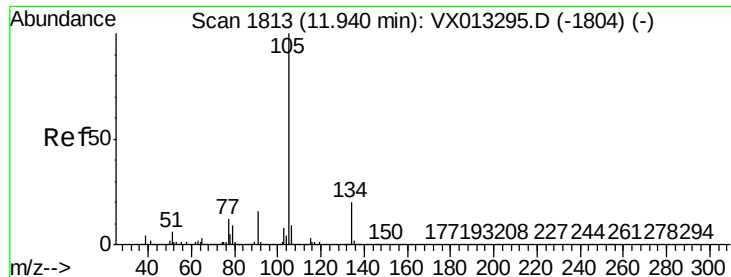
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	105	Resp:	511472
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.421 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion:105 Resp: 590406

Ion Ratio Lower Upper

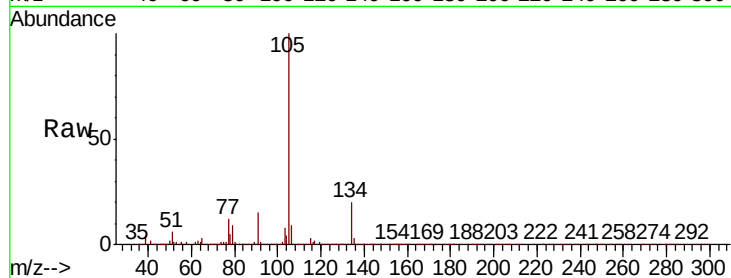
105 100

134 20.8 10.3 30.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

500000

400000

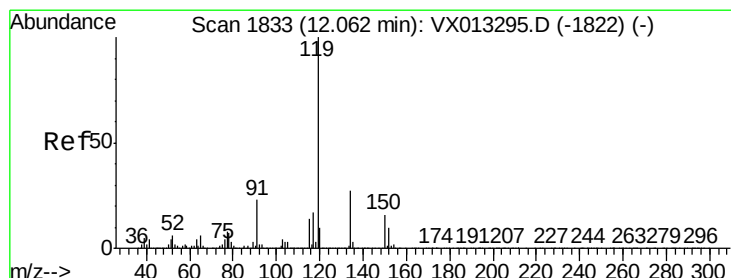
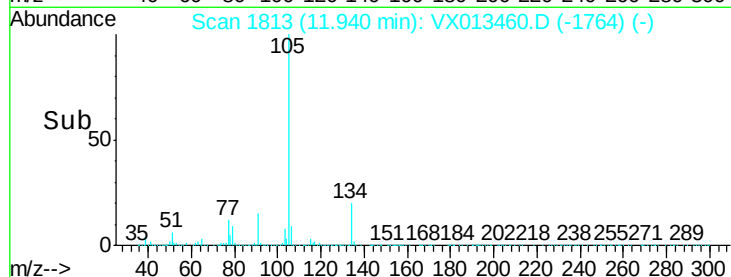
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.990 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

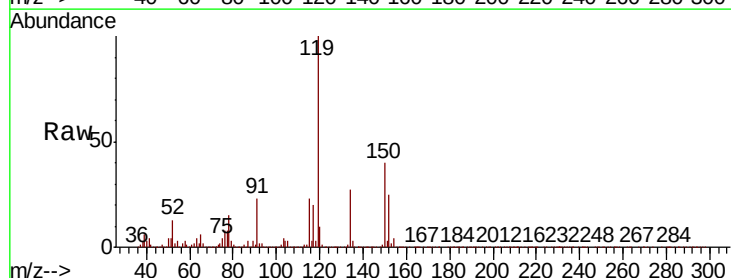
Tgt Ion:119 Resp: 532743

Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.8

91 23.3 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

600000

500000

400000

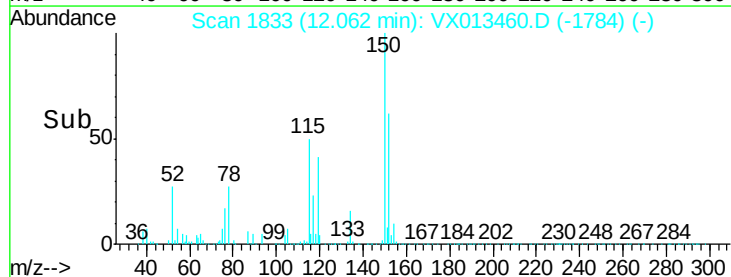
300000

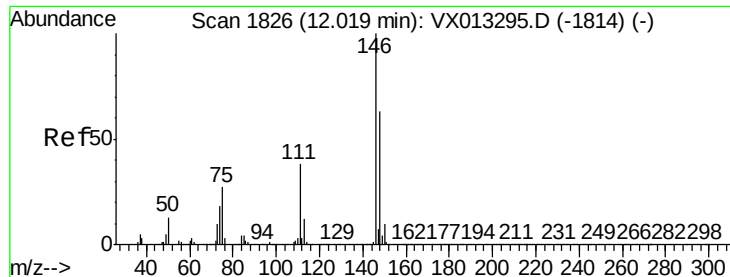
200000

100000

0

Time-->





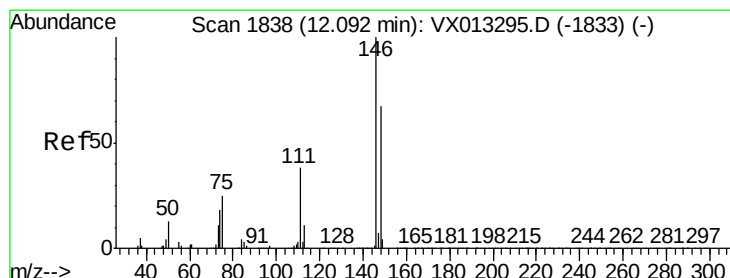
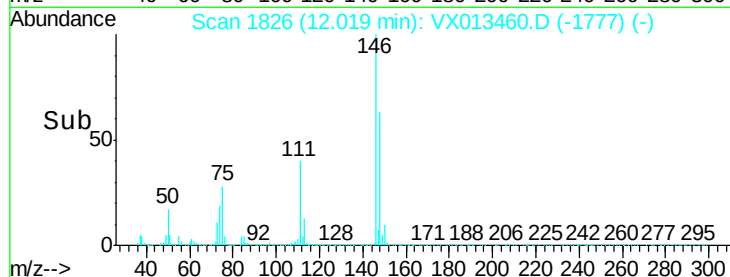
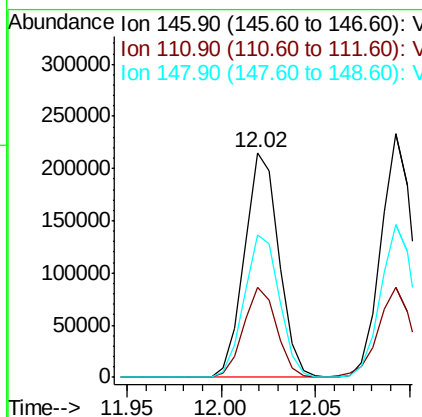
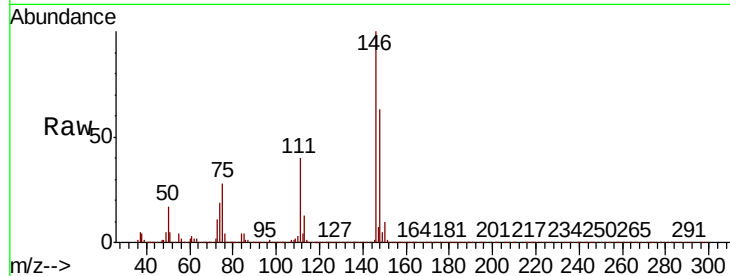
#87
 1,3-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.8	31.9	95.7

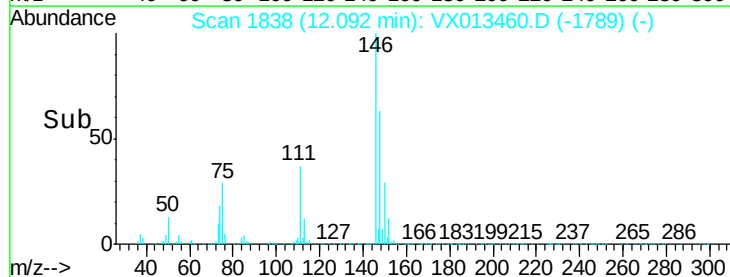
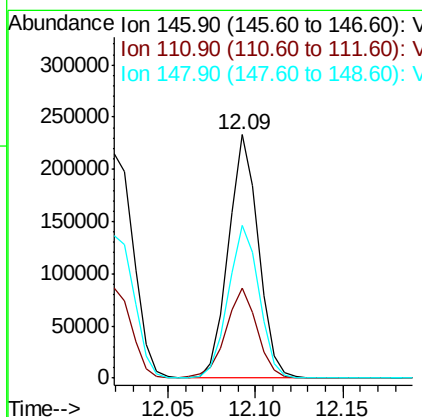
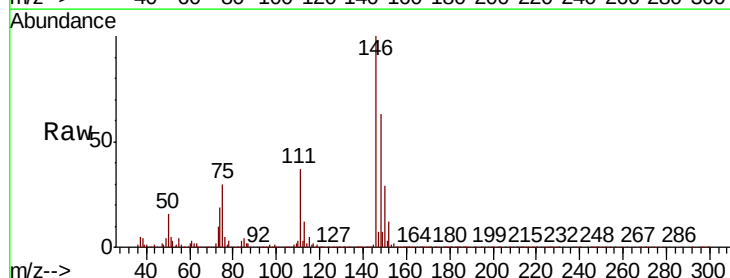
Manual Integrations
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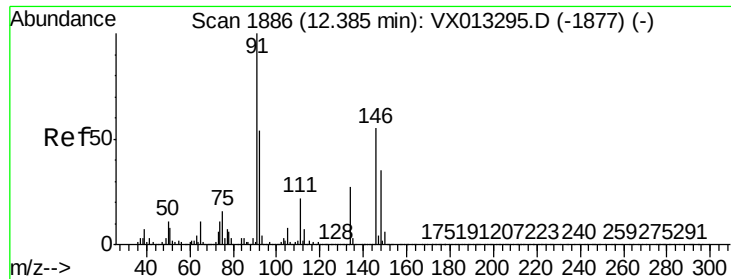
MMDadoda
 11/20/2019 9:17:49 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.041 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013460.D
 Acq: 19 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.8	56.4
148	64.7	32.4	97.0





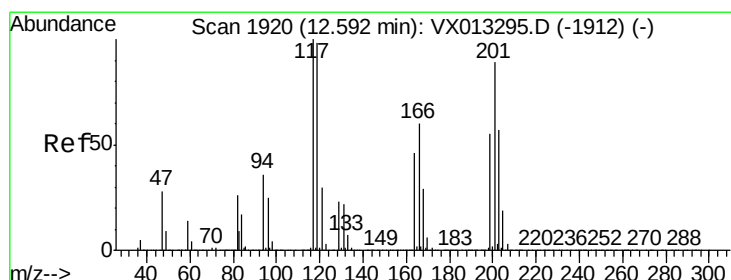
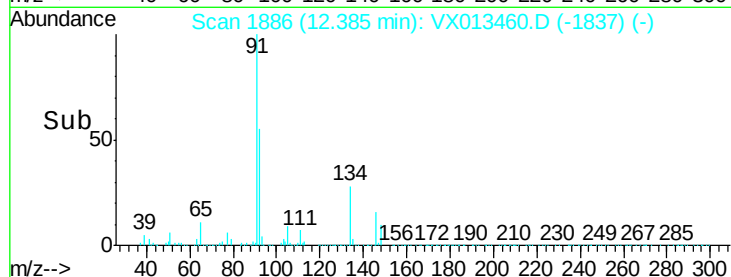
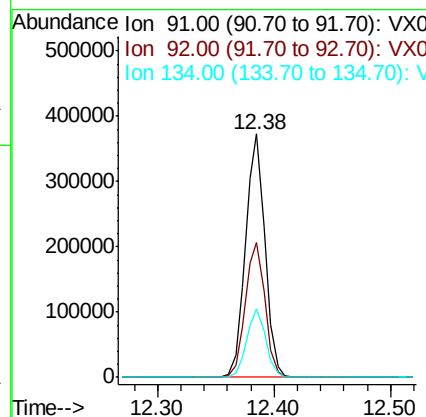
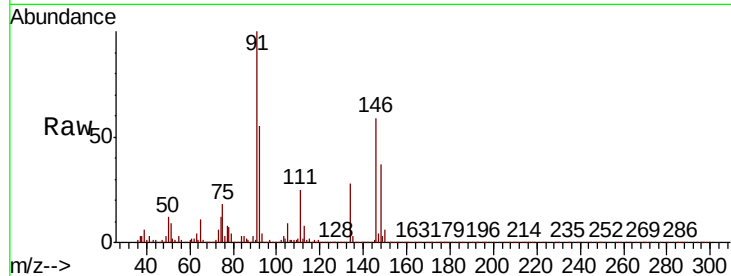
#89
n-Butylbenzene
Concen: 19.651 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion:	91	Resp:	435200
Ion Ratio	Lower	Upper	
91	100		
92	55.8	27.3	81.8
134	27.4	13.5	40.5

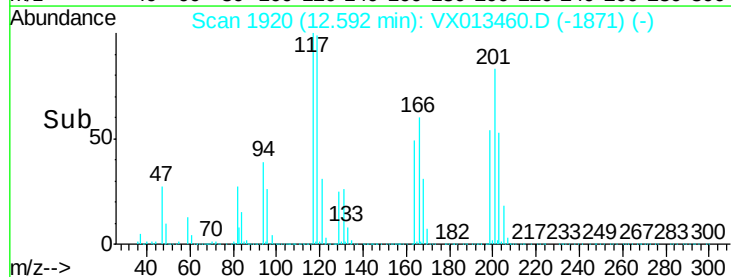
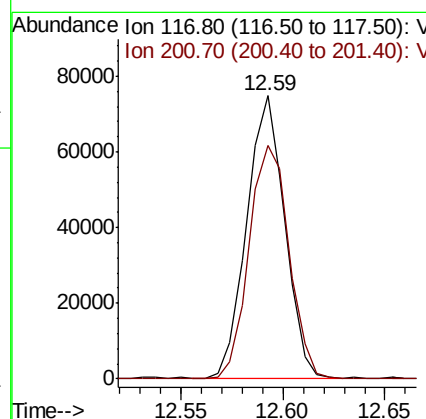
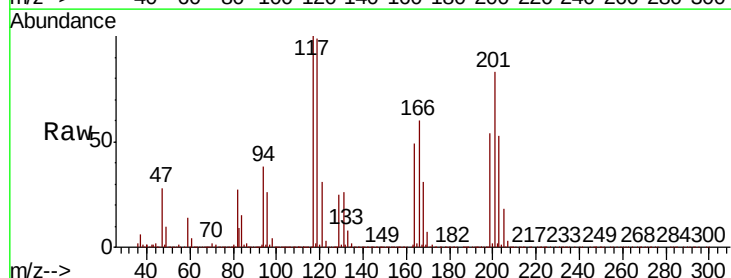
Manual Integrations
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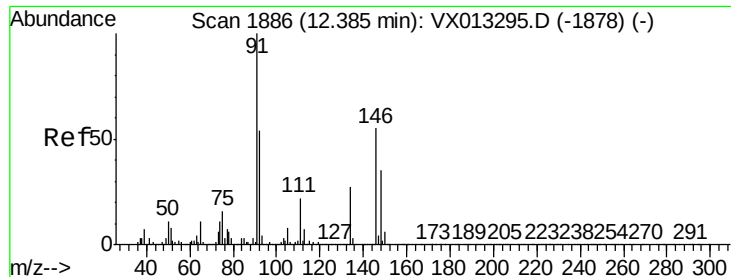
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#90
Hexachloroethane
Concen: 21.324 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013460.D
Acq: 19 Nov 2019 12:44

Tgt Ion:	117	Resp:	96426
Ion Ratio	Lower	Upper	
117	100		
201	87.5	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 20.554 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

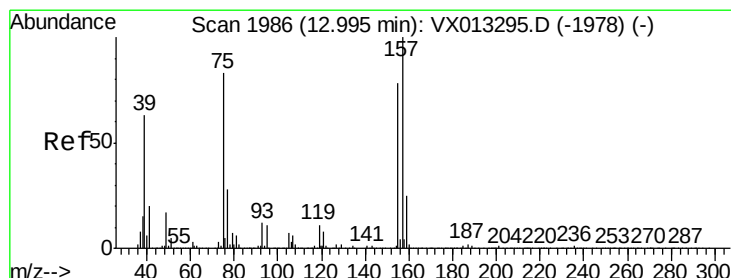
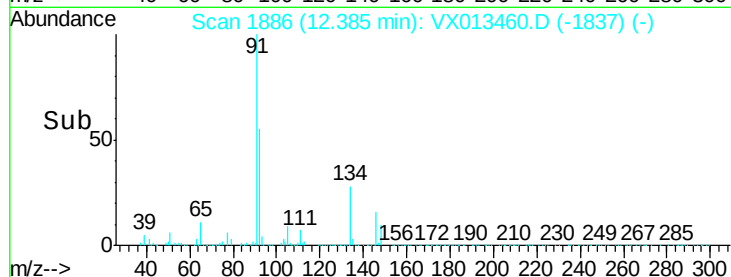
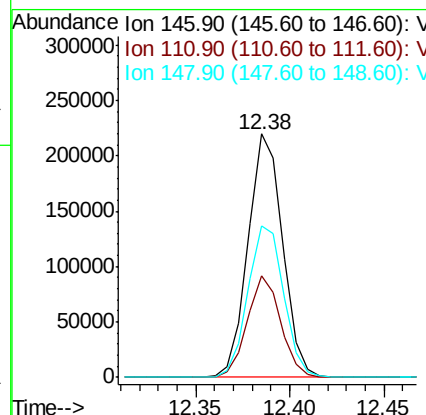
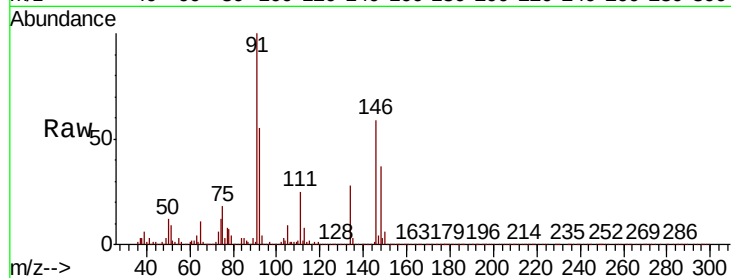
ClientSampleId :

VX1119WBS01

Tot Ion:	146	Resp:	279253
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.1	60.2
148	64.2	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.287 ug/l

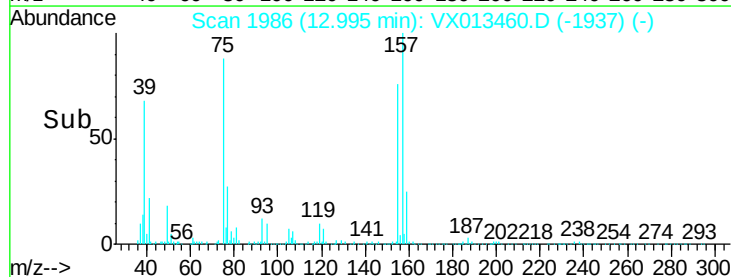
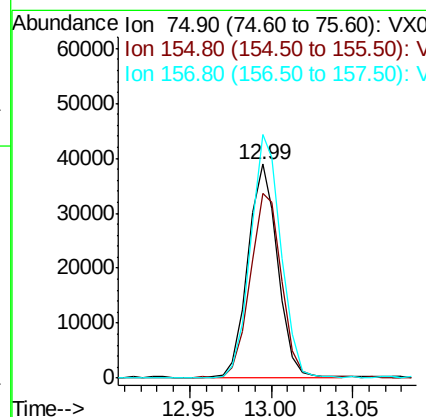
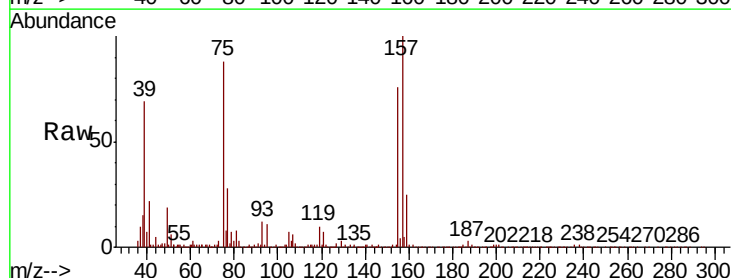
RT: 12.99 min Scan# 1986

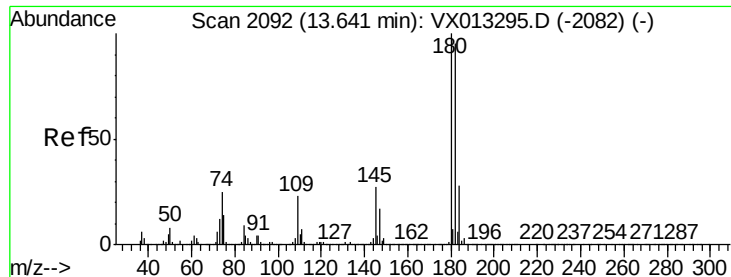
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	75	Resp:	49031
Ion Ratio	Lower	Upper	
75	100		
155	93.4	47.1	141.4
157	117.5	61.3	183.8





#93

1,2,4-Trichlorobenzene

Concen: 19.263 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

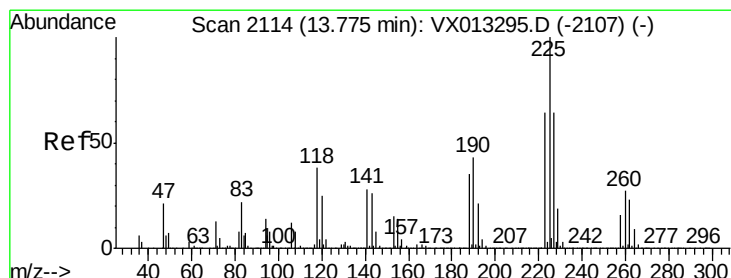
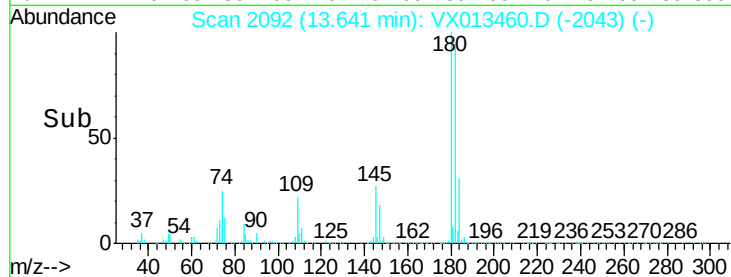
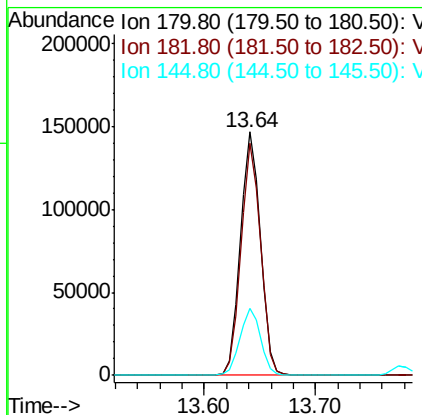
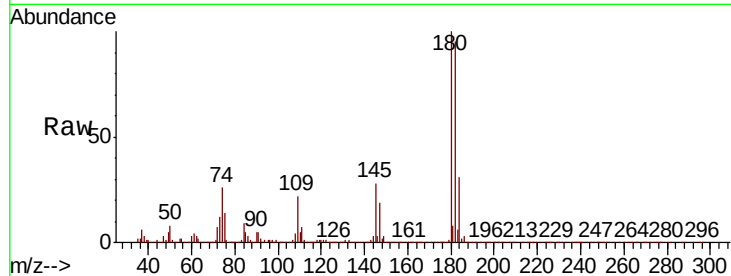
ClientSampleId :

VX1119WBS01

Tot Ion:	180	Resp:	182548
Ion Ratio	Lower	Upper	
180	100		
182	93.7	48.4	145.0
145	28.4	14.1	42.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 18.670 ug/l

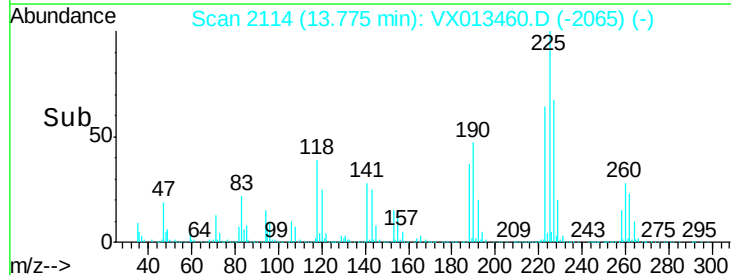
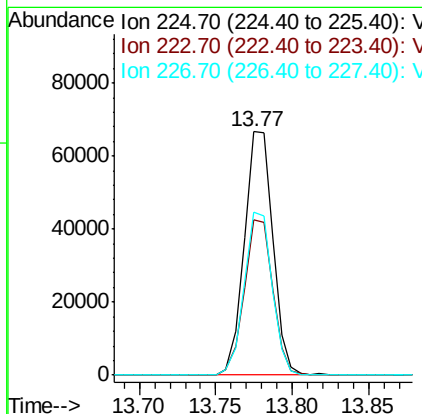
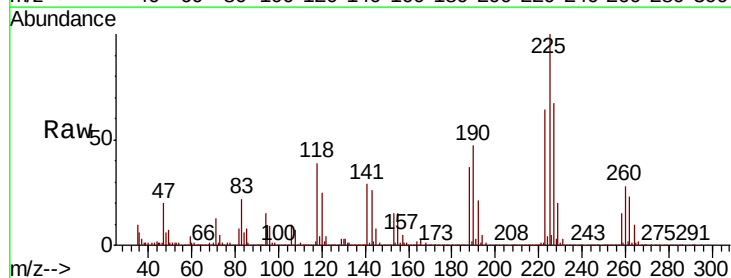
RT: 13.77 min Scan# 2114

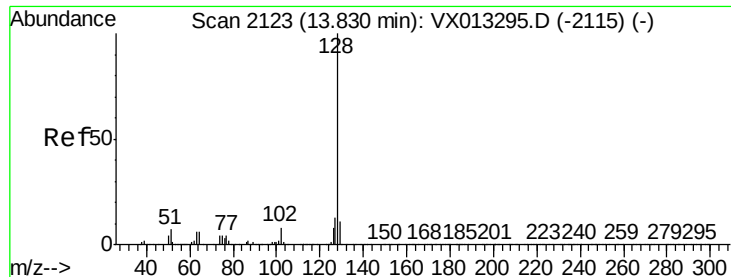
Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion:	225	Resp:	86564
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.9	95.7
227	65.6	31.9	95.9





#95

Naphthalene

Concen: 19.241 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Instrument :

MSVOA_X

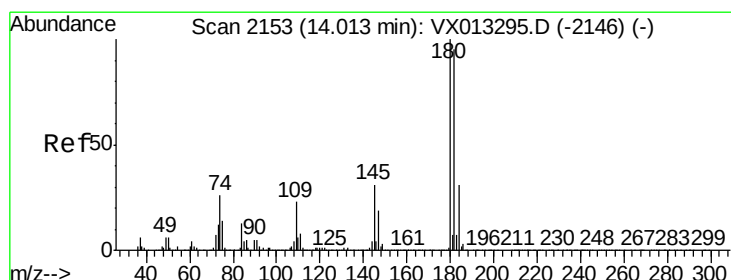
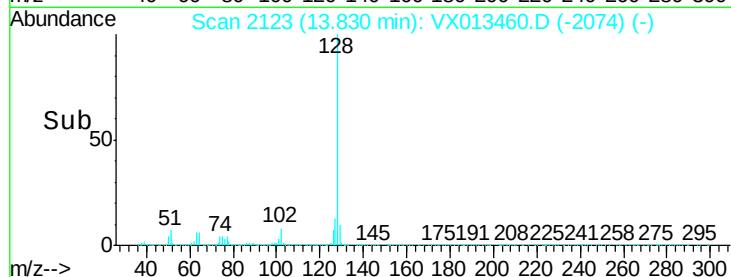
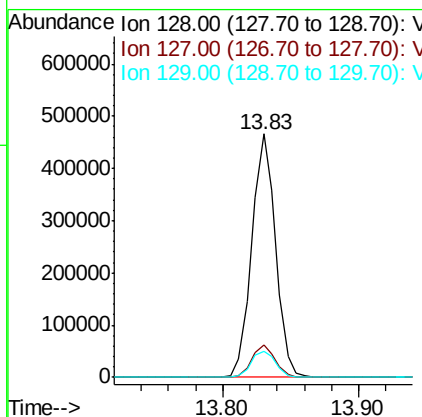
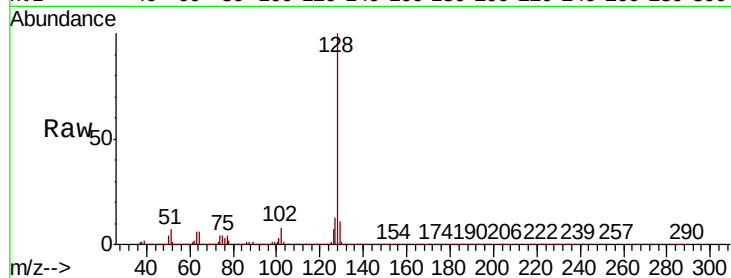
ClientSampleId :

VX1119WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		572102		
127	13.3	10.2	15.2		
129	11.0	8.5	12.7		

Manual Integrations
APPROVED

MMDadoda
11/20/2019 9:17:49 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.876 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013460.D

Acq: 19 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		188907		
182	96.1	48.0	144.2		
145	29.4	15.4	46.4		

