

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112019\
 Data File : VX013487.D
 Acq On : 20 Nov 2019 19:05
 Operator : JC/SP
 Sample : K5958-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:54:28 AM

Quant Time: Nov 21 08:45:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	583441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	890210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	804329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	417450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	324308	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.49	113	269370	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.71	98	1014669	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.14	95	383679	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	298966	44.473	ug/l	99
3) Chloromethane	1.31	50	313801	43.045	ug/l	98
4) Vinyl Chloride	1.40	62	387455	46.685	ug/l	100
5) Bromomethane	1.62	94	217229	37.559	ug/l	98
6) Chloroethane	1.70	64	216419	45.510	ug/l	97
7) Trichlorofluoromethane	1.91	101	448471	45.737	ug/l	100
8) Diethyl Ether	2.18	74	208746	48.142	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	272440	49.851	ug/l	99
10) Methyl Iodide	2.50	142	262343	38.772	ug/l	98
11) Tert butyl alcohol	3.05	59	597211	327.811	ug/l	99
12) 1,1-Dichloroethene	2.36	96	268878	50.240	ug/l	99
13) Acrolein	2.28	56	222101	224.942	ug/l	97
14) Allyl chloride	2.72	41	507086	52.148	ug/l	95
15) Acrylonitrile	3.13	53	986594	289.913	ug/l	99
16) Acetone	2.44	43	920785	267.077	ug/l	99
17) Carbon Disulfide	2.56	76	640341	44.703	ug/l	99
18) Methyl Acetate	2.76	43	556008	58.415	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	971052	54.401	ug/l	100
20) Methylene Chloride	2.84	84	314585	49.386	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	290321	49.822	ug/l	99
22) Diisopropyl ether	3.84	45	1009650	53.781	ug/l	99
23) Vinyl Acetate	3.80	43	4160340	258.981	ug/l	99
24) 1,1-Dichloroethane	3.69	63	541947	51.604	ug/l	99
25) 2-Butanone	4.66	43	1463610	289.380	ug/l	99
26) 2,2-Dichloropropane	4.57	77	424189	50.773	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	349347	53.518	ug/l	98
28) Bromochloromethane	5.01	49	148239	49.714	ug/l	98
29) Tetrahydrofuran	5.12	42	915574	293.756	ug/l	99
30) Chloroform	5.20	83	565218	54.505	ug/l	95
31) Cyclohexane	5.57	56	473858	50.144	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	456417	51.143	ug/l	100
36) 1,1-Dichloropropene	5.79	75	391927	51.320	ug/l	99
37) Ethyl Acetate	4.82	43	514290	54.499	ug/l	99
38) Carbon Tetrachloride	5.77	117	383069	51.295	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.45	83	558798	58.723	ug/l	98
40) Benzene	6.13	78	1249519	52.526	ug/l	100
41) Methacrylonitrile	5.03	41	289831	54.796	ug/l	98
42) 1,2-Dichloroethane	6.18	62	440337	51.317	ug/l	99
43) Isopropyl Acetate	6.43	43	816446	55.561	ug/l	99
44) Trichloroethene	7.20	130	336429	51.377	ug/l	98
45) 1,2-Dichloropropane	7.51	63	322212	53.159	ug/l	99
46) Dibromomethane	7.65	93	213837	51.670	ug/l	97
47) Bromodichloromethane	7.89	83	425185	54.484	ug/l	98
48) Methyl methacrylate	7.76	41	410399	55.949	ug/l	97
49) 1,4-Dioxane	7.73	88	210170	1251.133	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2842709	294.860	ug/l	99
52) Toluene	8.78	92	779844	52.892	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	476570	55.847	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	520335	54.510	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	325893	53.327	ug/l	97
56) Ethyl methacrylate	9.17	69	562136	53.758	ug/l	98
57) 1,3-Dichloropropane	9.37	76	552507	53.258	ug/l	100
59) 2-Hexanone	9.49	43	2235576	300.067	ug/l	97
60) Dibromochloromethane	9.58	129	348851	55.815	ug/l	99
61) 1,2-Dibromoethane	9.67	107	345427	53.229	ug/l	99
64) Tetrachloroethene	9.33	164	287521	49.935	ug/l	99
65) Chlorobenzene	10.14	112	855820	52.556	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	321657	53.797	ug/l	99
67) Ethyl Benzene	10.25	91	6884457	244.960	ug/l	97
68) m/p-Xylenes	10.35	106	3007962	282.999	ug/l	97
69) o-Xylene	10.70	106	1914065	183.939	ug/l	98
70) Stvrene	10.71	104	1035889	59.551	ug/l #	81
71) Bromoform	10.85	173	279372	50.369	ug/l	99
73) Isopropylbenzene	11.01	105	7689792	277.835	ug/l	97
74) N-amyl acetate	10.89	43	808173	62.968	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	11.26	83	591358	58.567	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	491935m	58.018	ug/l	
77) Bromobenzene	11.25	156	401807	54.457	ug/l	98
78) n-propylbenzene	11.35	91	12323294	399.702	ug/l	88
79) 2-Chlorotoluene	11.42	91	1309841	70.514	ug/l	85
80) 1,3,5-Trimethylbenzene	11.50	105	5358597	232.437	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	178696	54.247	ug/l	100
82) 4-Chlorotoluene	11.51	91	1569467	72.177	ug/l	86
83) tert-Butylbenzene	11.77	119	1857074	80.022	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	18666357m	807.143	ug/l	
85) sec-Butylbenzene	11.95	105	4192985	157.207	ug/l	82
86) p-Isopropyltoluene	12.06	119	2538686	103.367	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	689600	52.432	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	698401	52.119	ug/l	99
89) n-Butylbenzene	12.38	91	3000833	140.027	ug/l #	80
90) Hexachloroethane	12.59	117	595139	136.004	ug/l #	42
91) 1,2-Dichlorobenzene	12.38	146	695037	52.867	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	158384	64.384	ug/l	84
93) 1,2,4-Trichlorobenzene	13.64	180	503239	54.875	ug/l	95

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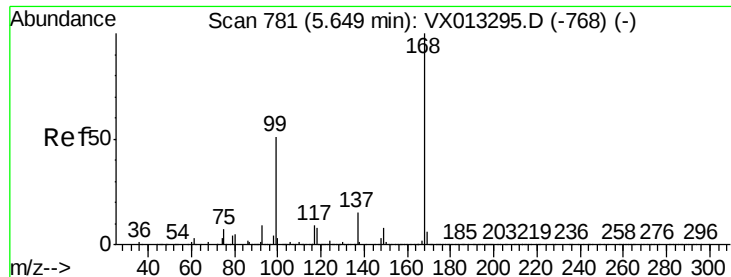
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	210112	46.831	ug/l	98
95) Naphthalene	13.83	128	3596316	124.991	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	497652	54.111	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion:168 Resp: 583441

Ion Ratio Lower Upper

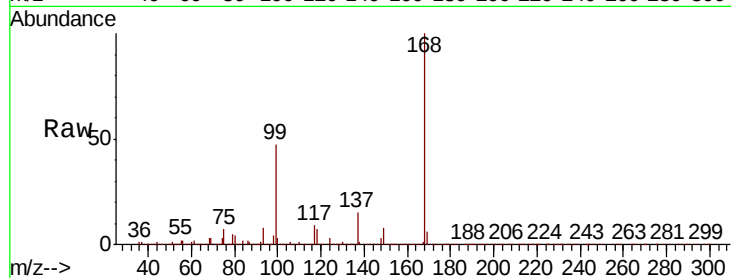
168 100

99 46.4 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

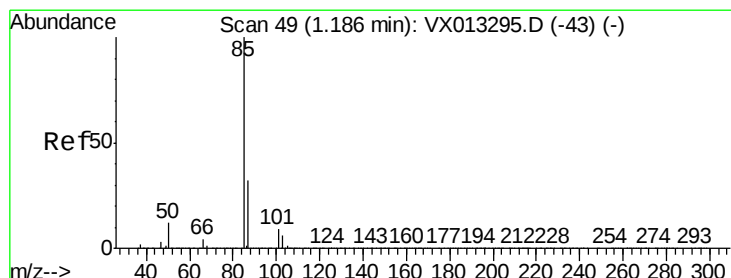
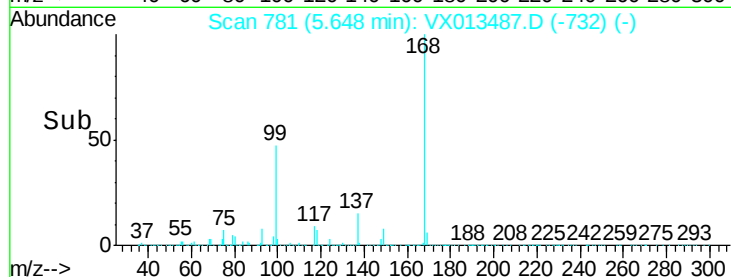
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.473 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013487.D

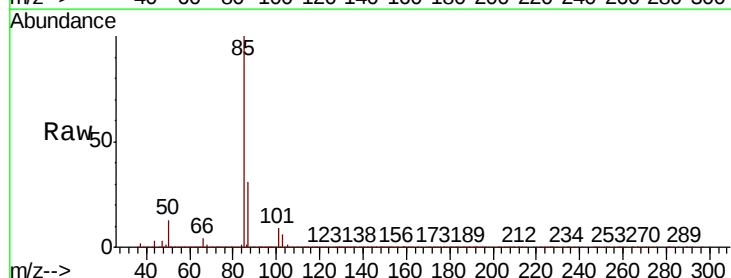
Acq: 20 Nov 2019 19:05

Tgt Ion: 85 Resp: 298966

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

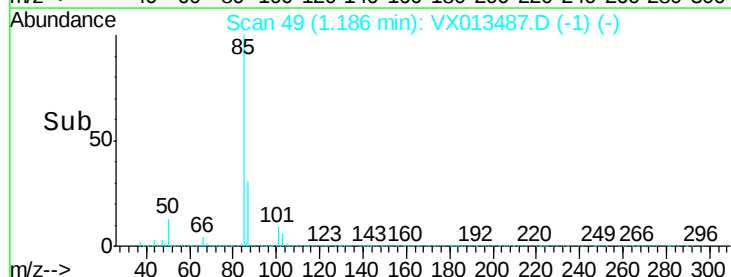
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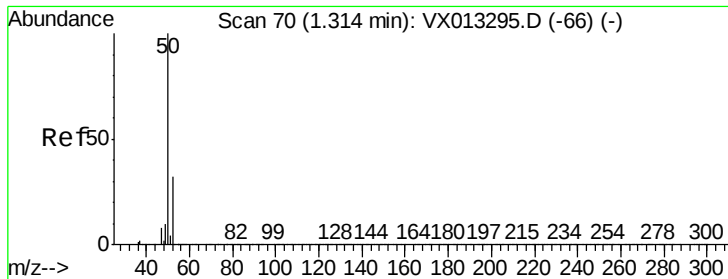
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.045 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 50 Resp: 313801

Ion Ratio Lower Upper

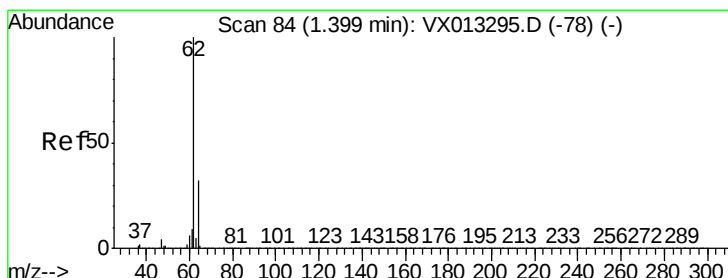
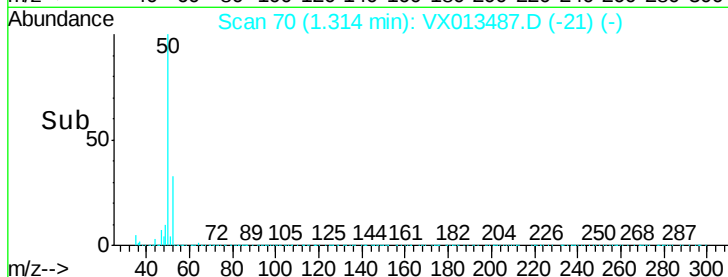
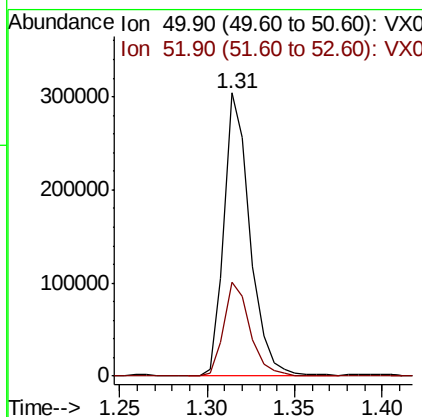
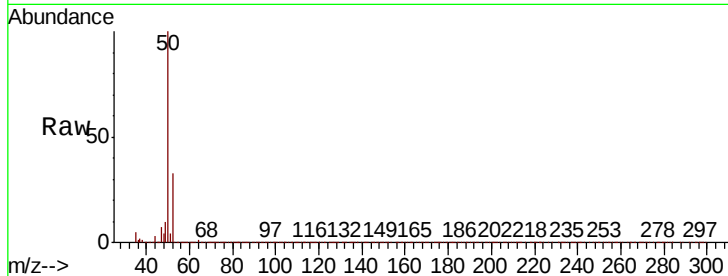
50 100

52 33.1 25.5 38.3

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#4

Vinyl Chloride

Concen: 46.685 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013487.D

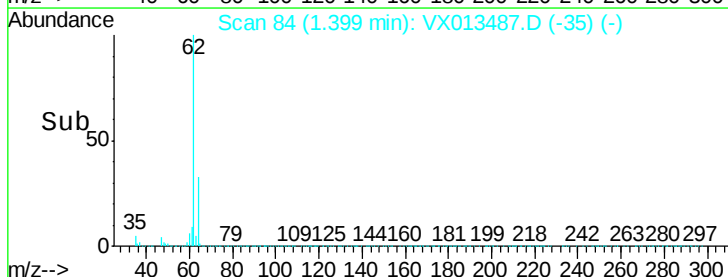
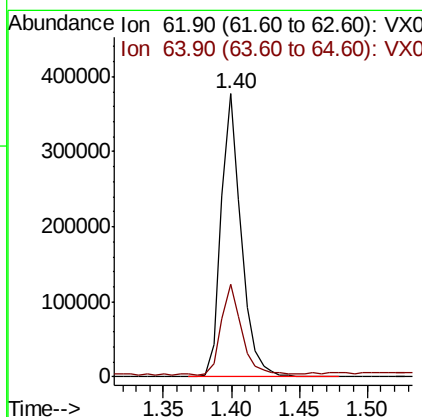
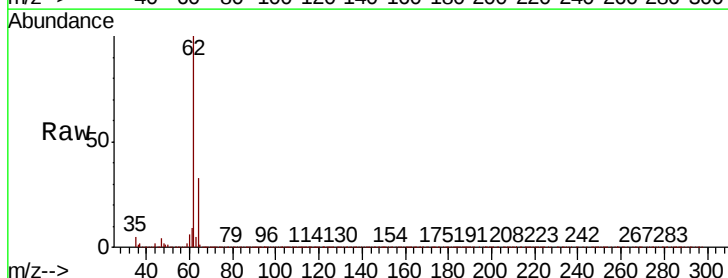
Acq: 20 Nov 2019 19:05

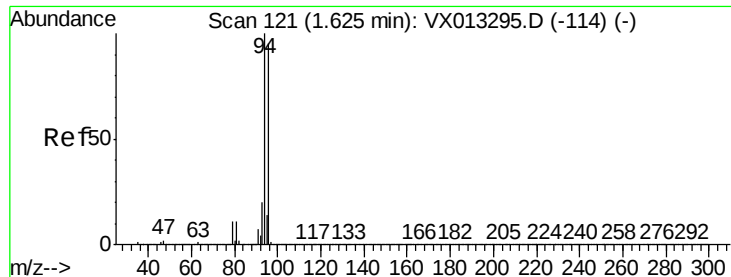
Tgt Ion: 62 Resp: 387455

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 37.559 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 94 Resp: 217229

Ion Ratio Lower Upper

94 100

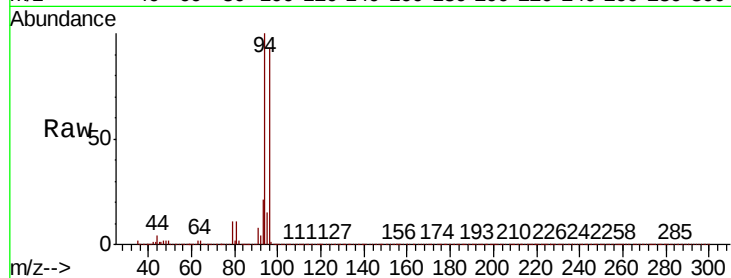
96 93.2 75.8 113.8

Manual Integrations

APPROVED

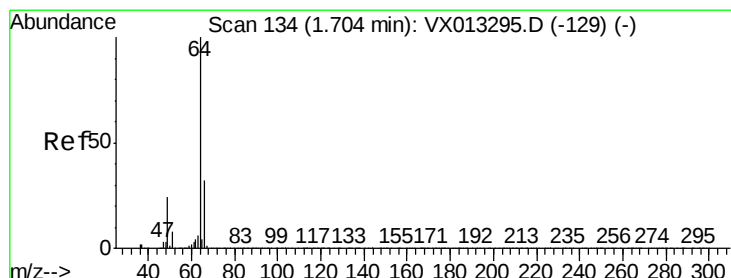
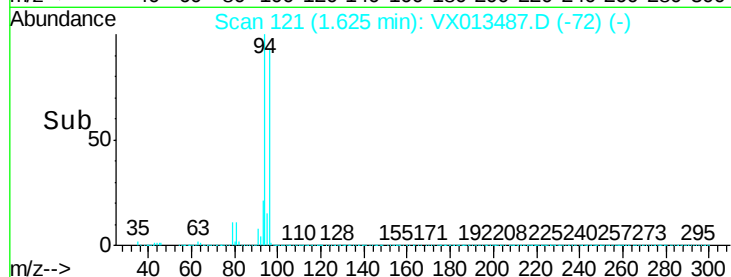
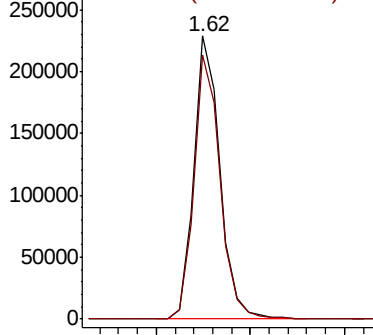
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.510 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX013487.D

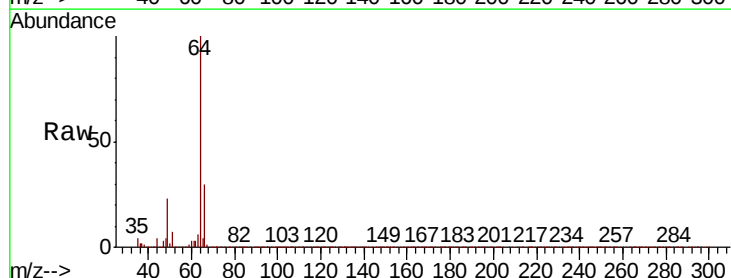
Acq: 20 Nov 2019 19:05

Tgt Ion: 64 Resp: 216419

Ion Ratio Lower Upper

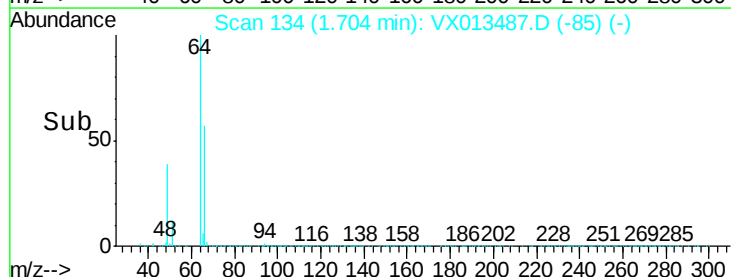
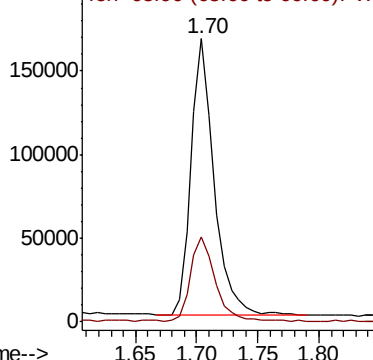
64 100

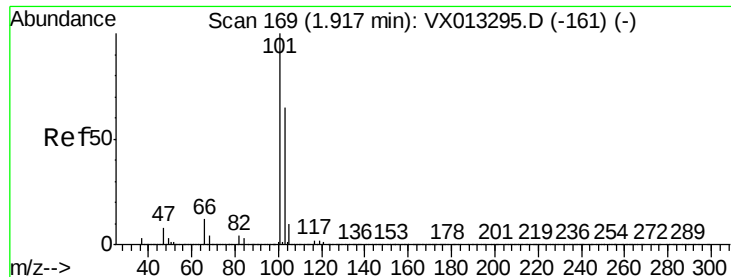
66 30.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

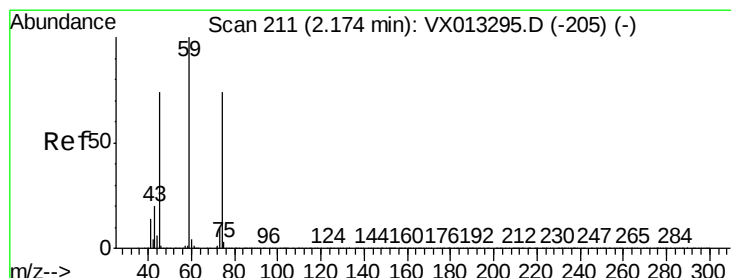
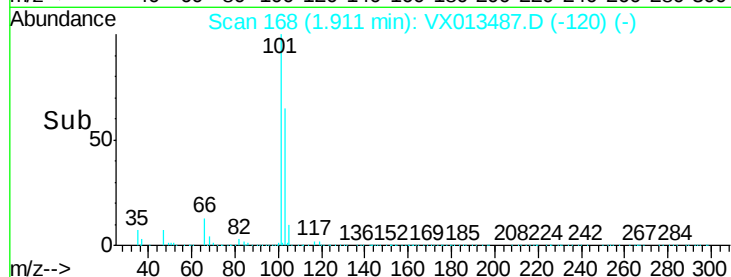
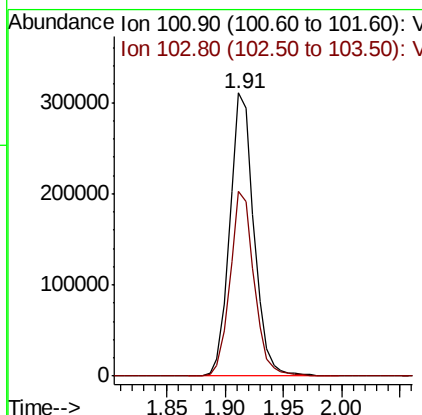
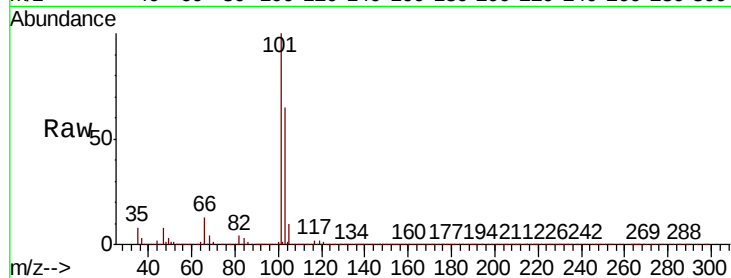
Trichlorofluoromethane
Concen: 45.737 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

Manual Integrations
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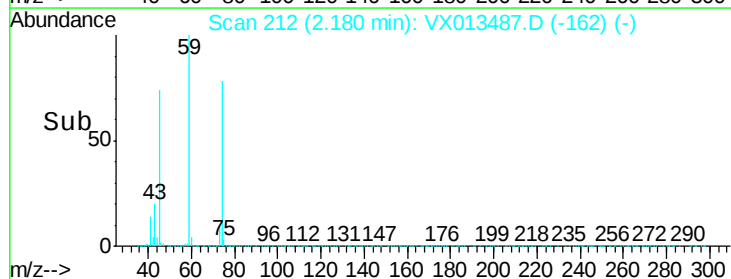
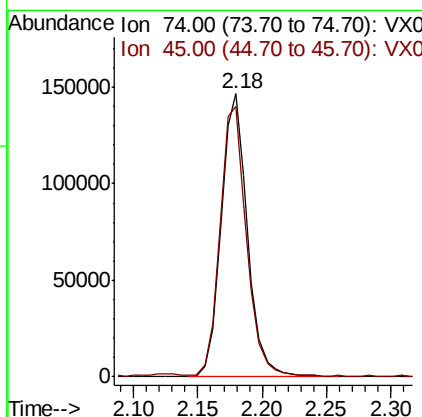
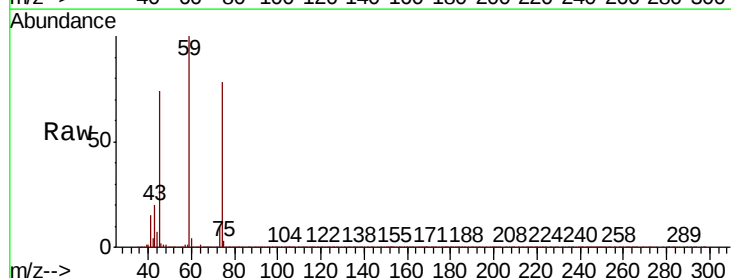
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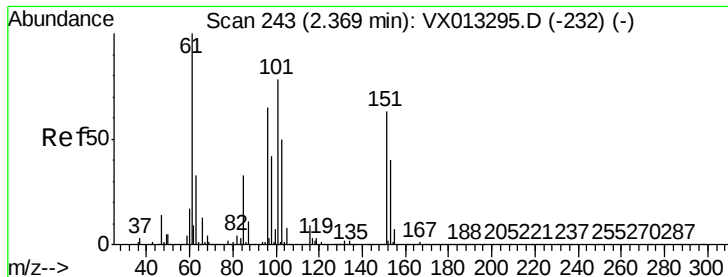


#8

Diethyl Ether
Concen: 48.142 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.851 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

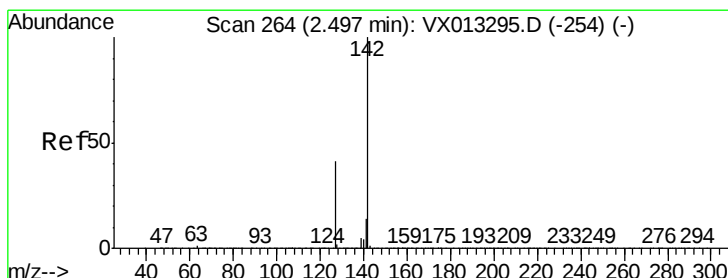
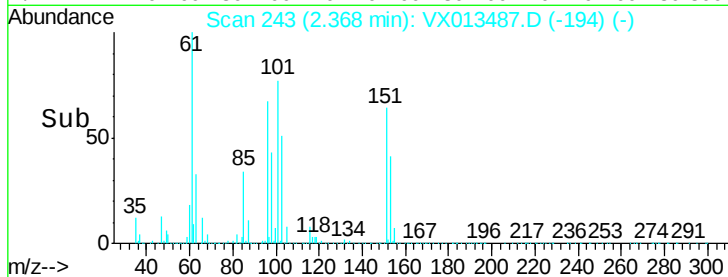
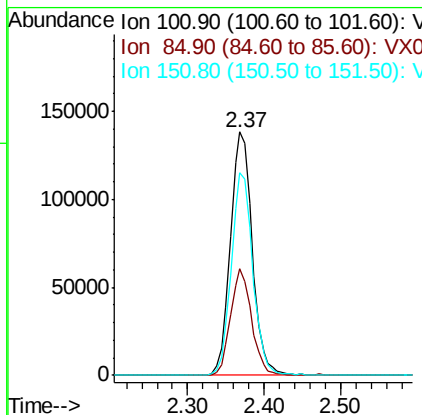
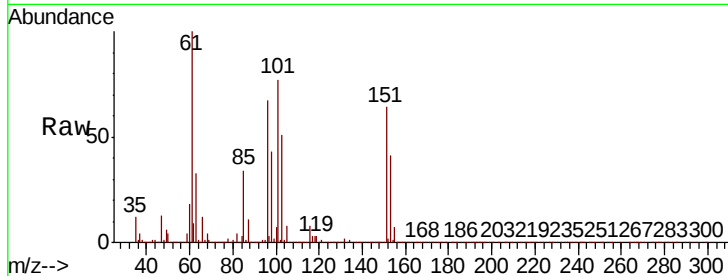
ClientSampleId :

MW-3MS

Tot Ion:	101	Resp:	272440
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.4	51.6
151	82.4	66.4	99.6

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#10

Methyl Iodide

Concen: 38.772 ug/l

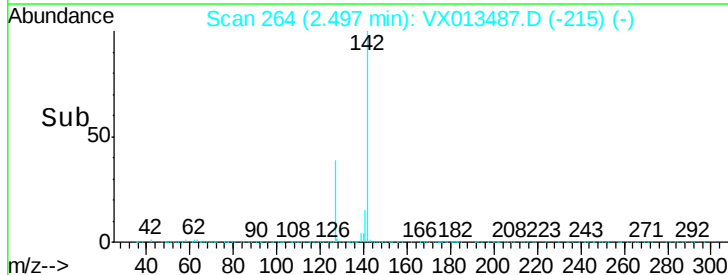
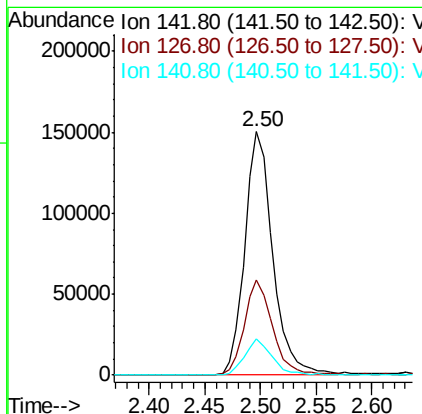
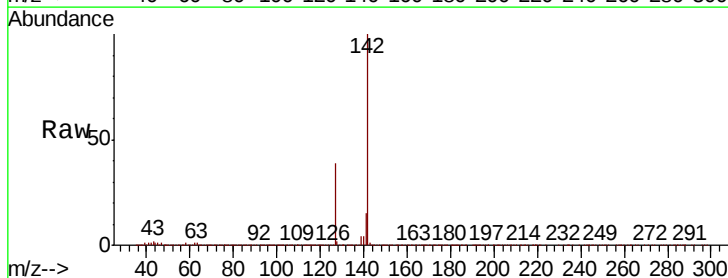
RT: 2.50 min Scan# 264

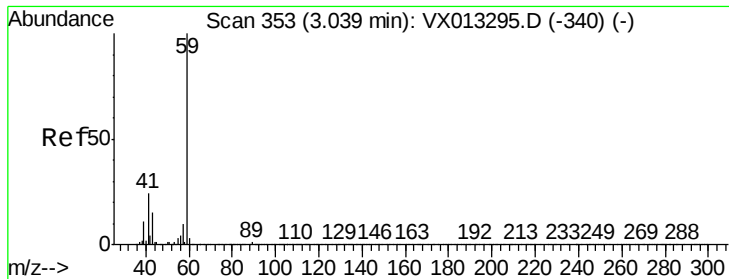
Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion:	142	Resp:	262343
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.6	49.0
141	14.5	11.6	17.4





#11

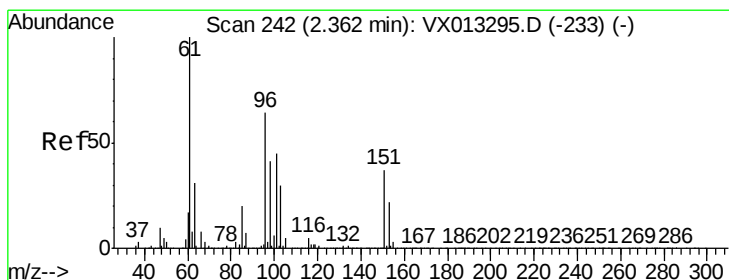
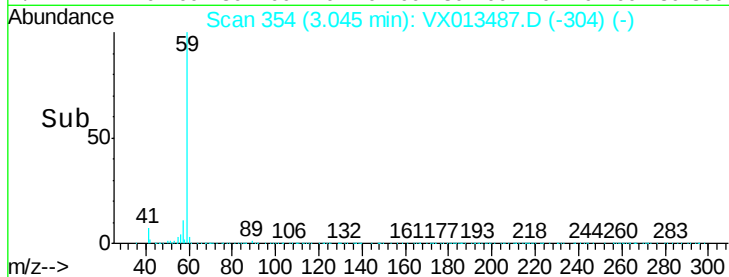
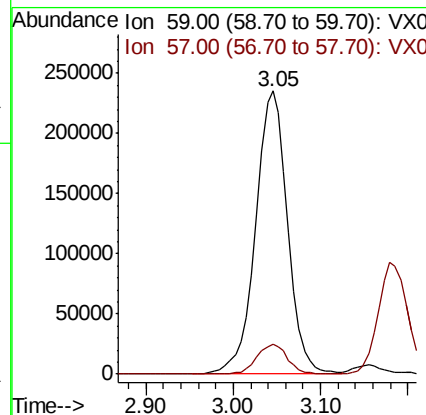
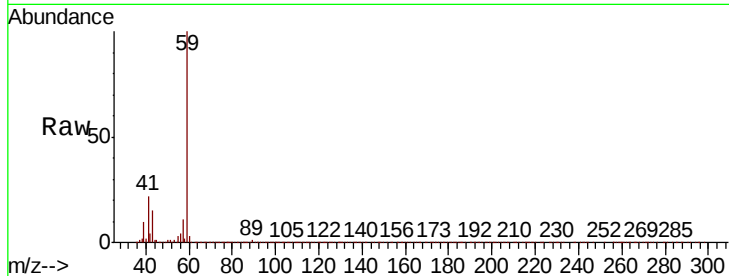
Tert butyl alcohol
Concen: 327.811 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.0	12.0

Manual Integrations
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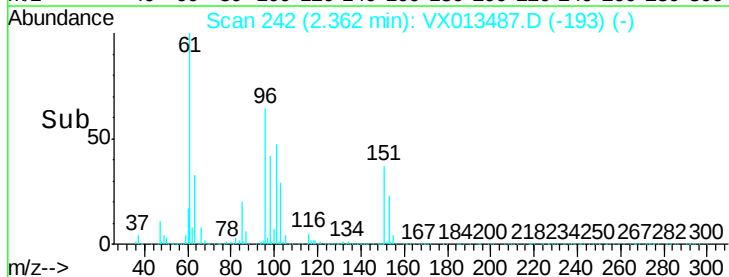
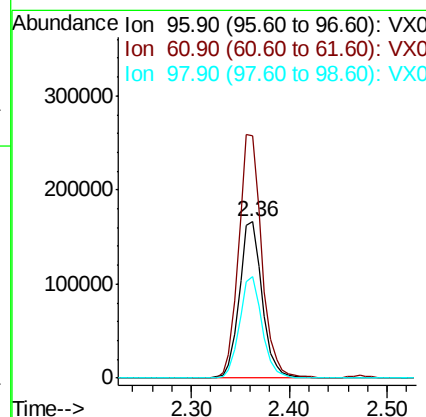
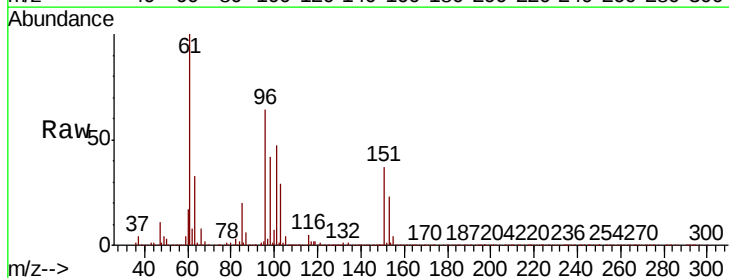
MMDadoda
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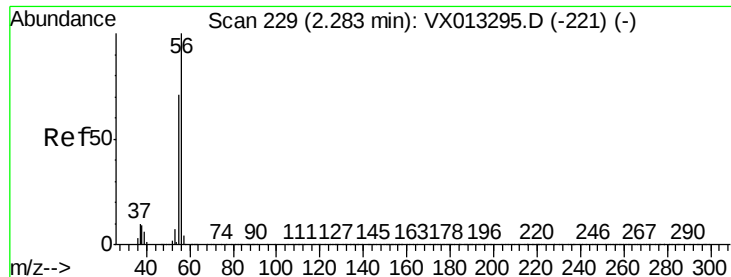


#12

1,1-Dichloroethene
Concen: 50.240 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	125.0	187.6
98	64.7	50.7	76.1





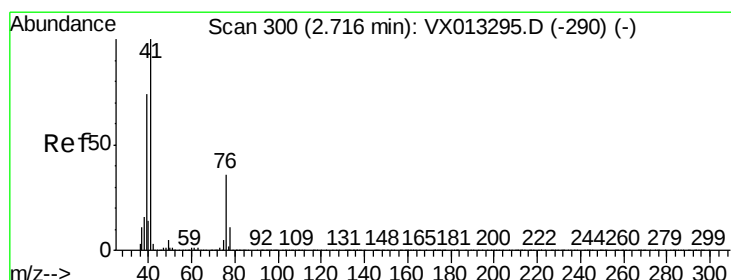
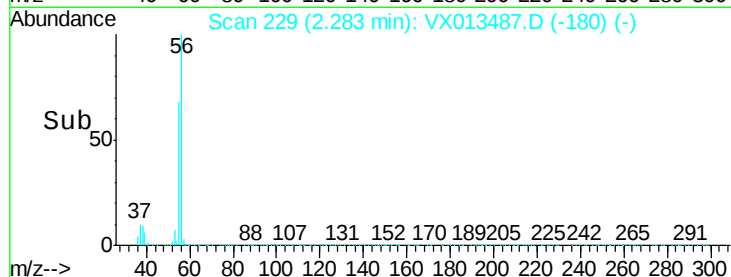
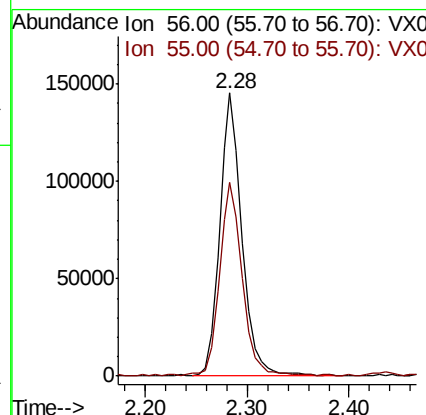
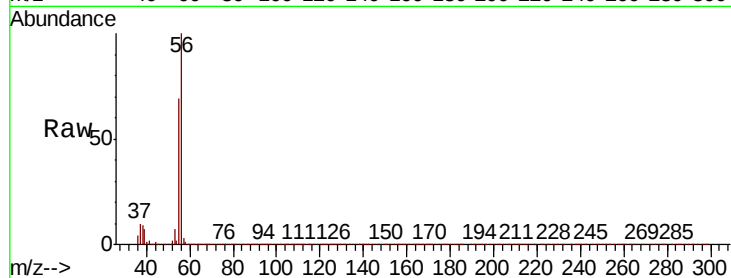
#13
Acrolein
Concen: 224.942 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.0	57.4	86.0	

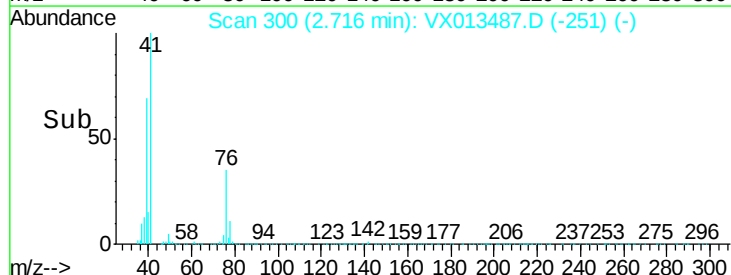
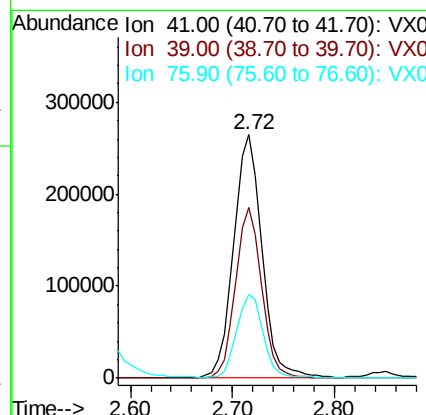
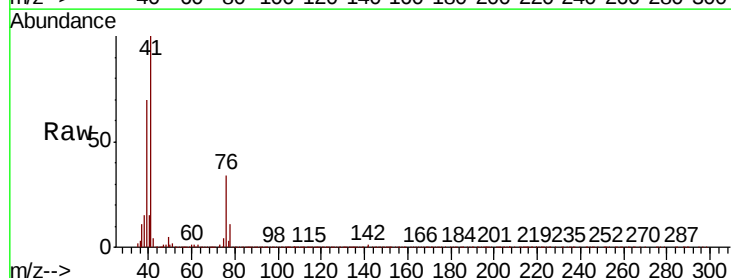
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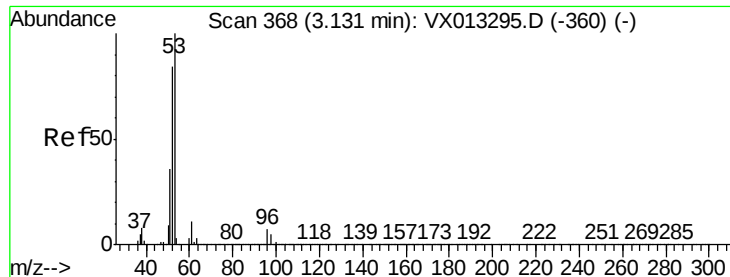
MMDadoda
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#14
Allyl chloride
Concen: 52.148 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	64.2	55.8	83.8	
76	32.1	26.4	39.6	





#15

Acrylonitrile

Concen: 289.913 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

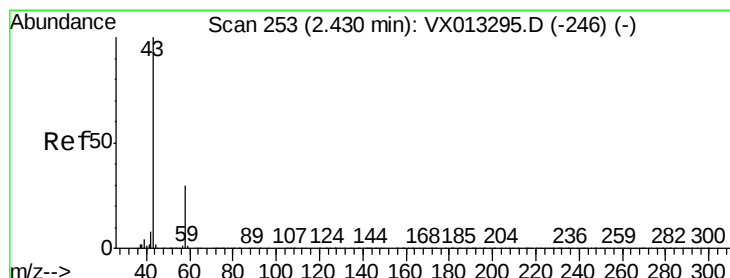
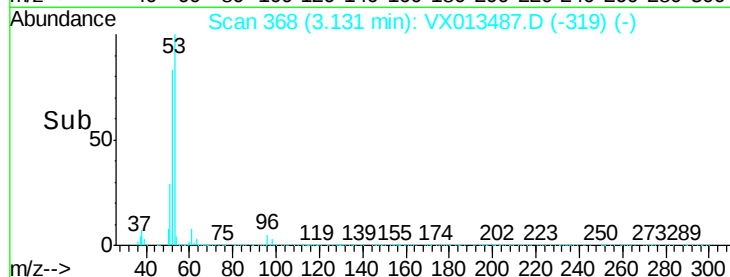
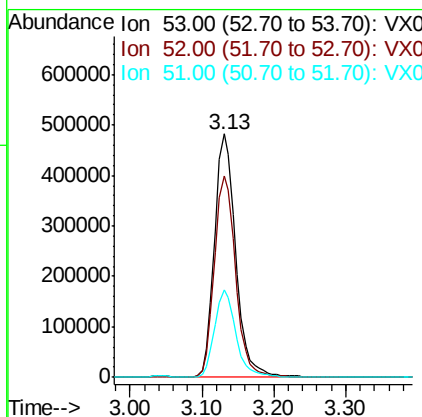
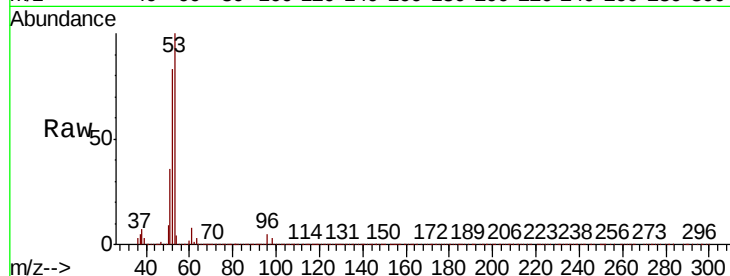
ClientSampleId :

MW-3MS

Tot Ion:	53	Resp:	986594
Ion Ratio		Lower	Upper
53	100		
52	82.9	67.4	101.0
51	35.9	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 267.077 ug/l

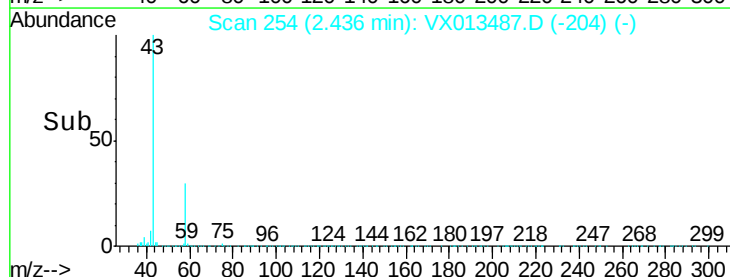
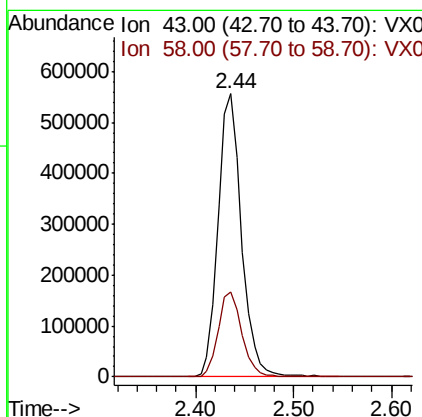
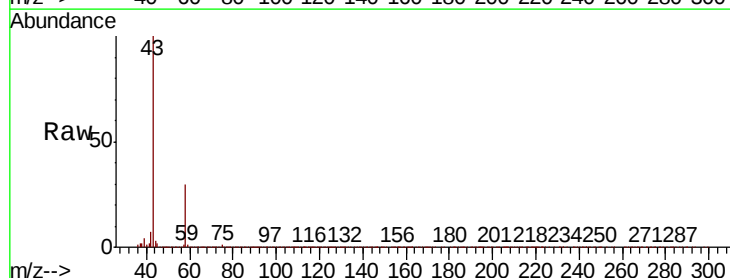
RT: 2.44 min Scan# 254

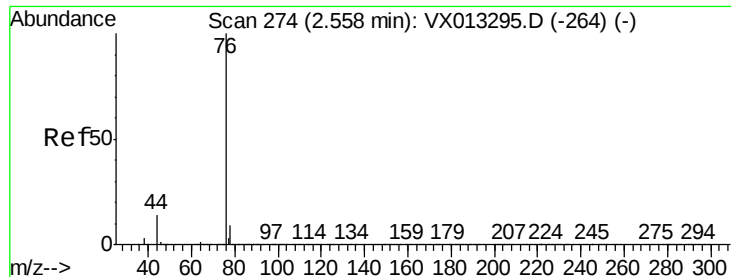
Delta R.T. 0.01 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion:	43	Resp:	920785
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.3	36.5





#17

Carbon Disulfide

Concen: 44.703 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 76 Resp: 640341

Ion Ratio Lower Upper

76 100

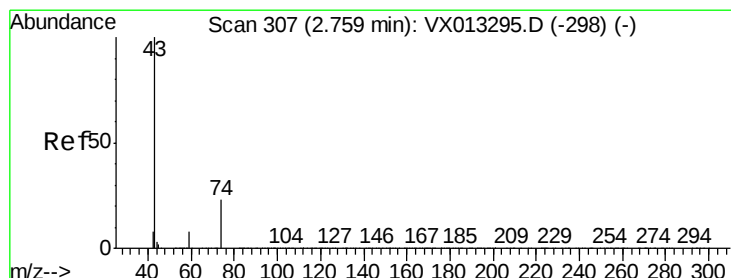
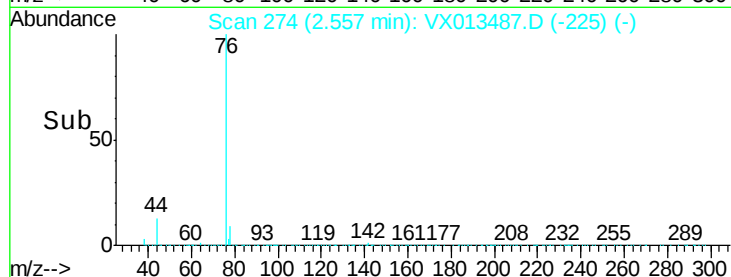
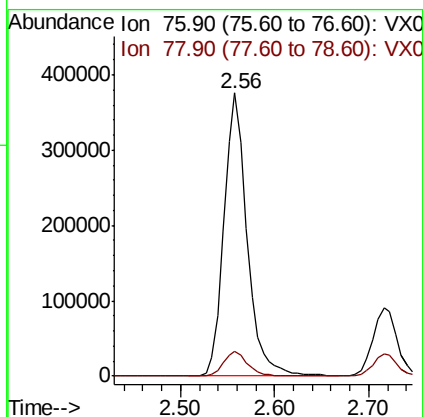
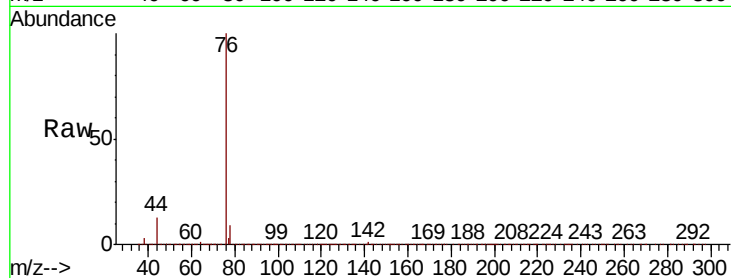
78 8.6 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 58.415 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013487.D

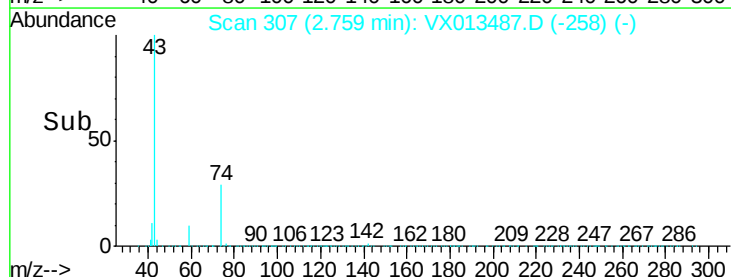
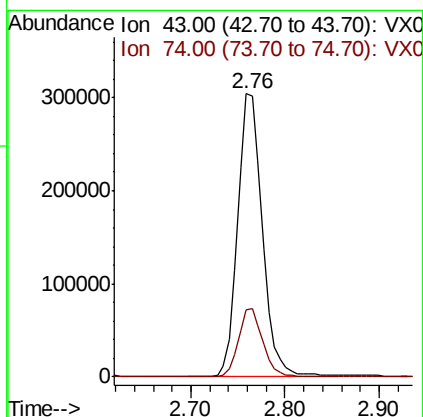
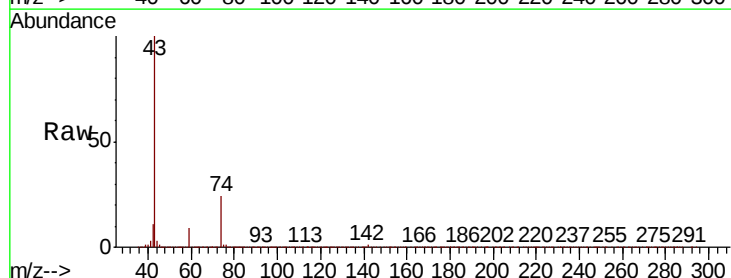
Acq: 20 Nov 2019 19:05

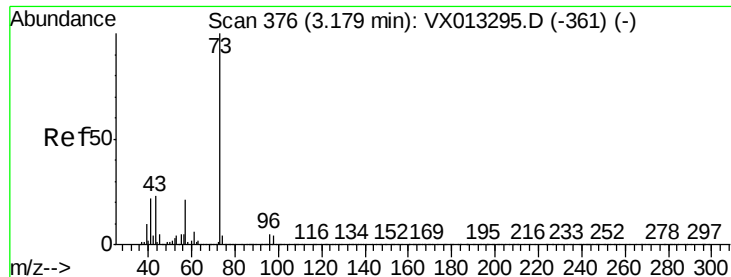
Tgt Ion: 43 Resp: 556008

Ion Ratio Lower Upper

43 100

74 23.7 19.0 28.6





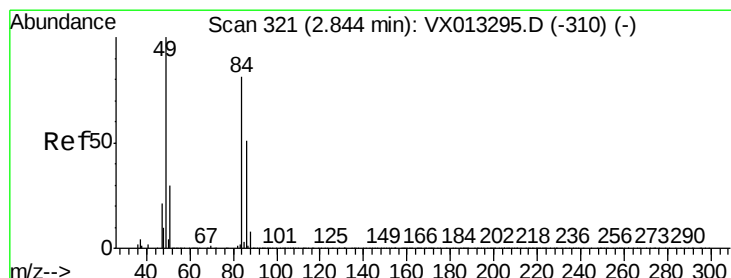
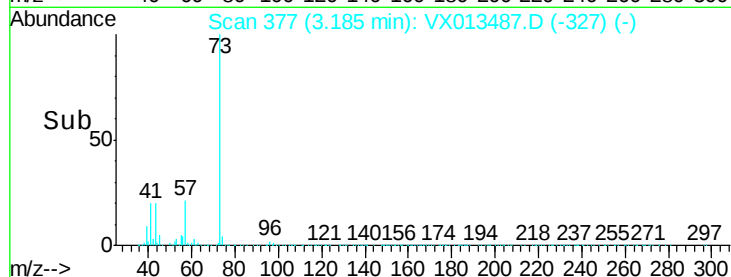
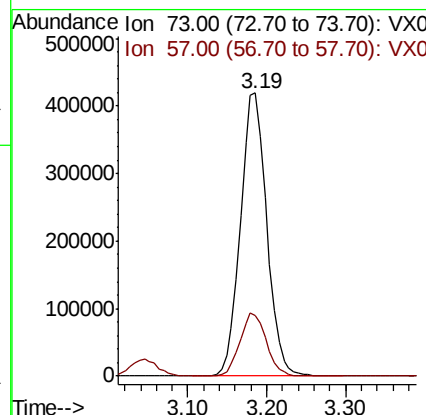
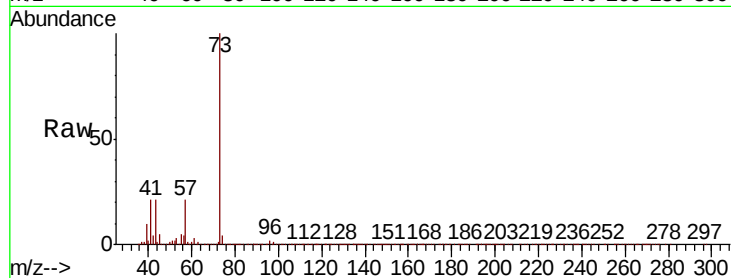
#19
Methvl tert-butvl Ether
Concen: 54.401 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.1	25.7

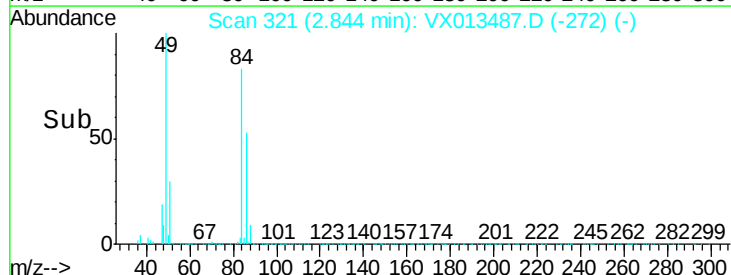
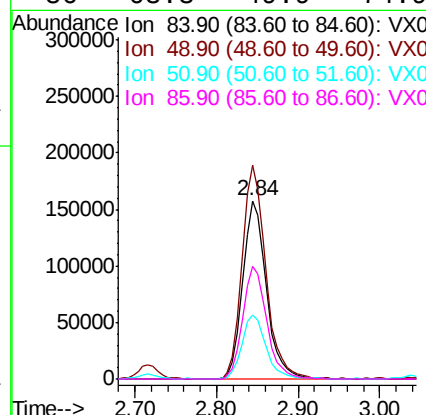
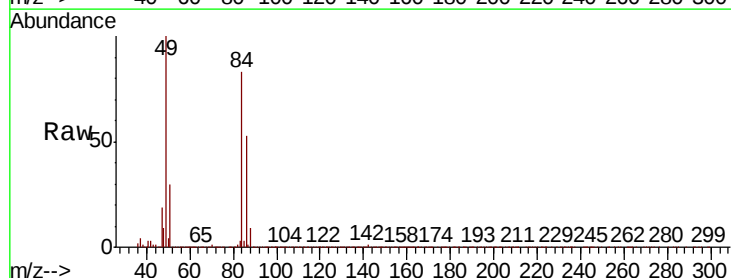
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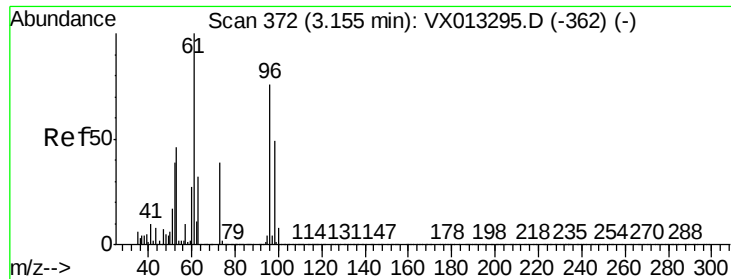
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#20
Methylene Chloride
Concen: 49.386 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	98.2	147.4
51	35.7	29.9	44.9
86	63.3	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 49.822 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 96 Resp: 290321

Ion Ratio Lower Upper

96 100

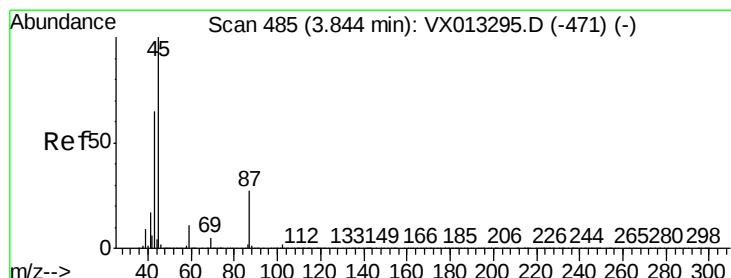
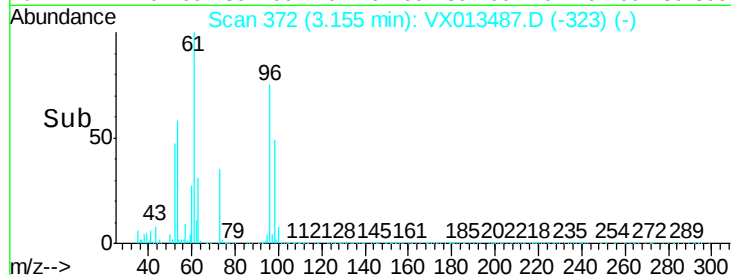
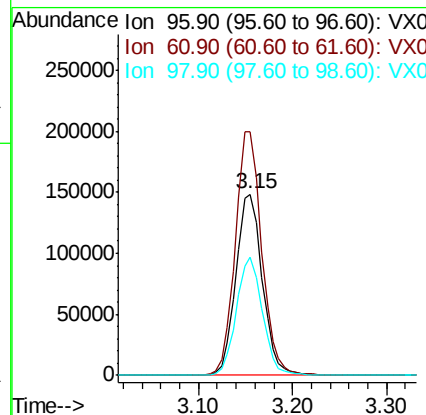
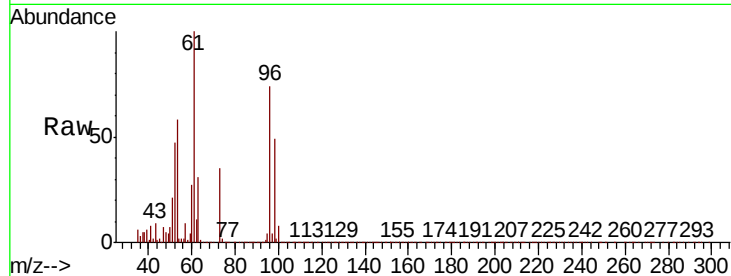
61 134.2 105.8 158.6

98 65.3 51.8 77.6

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#22

Diisopropyl ether

Concen: 53.781 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion: 45 Resp: 1009650

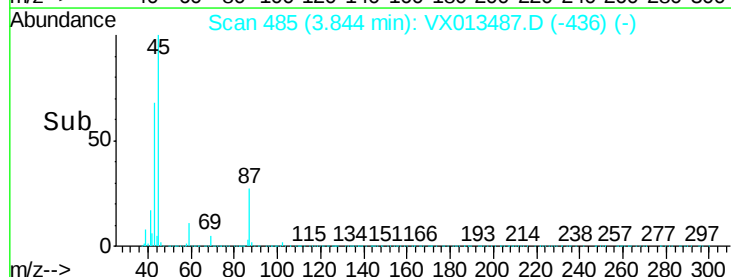
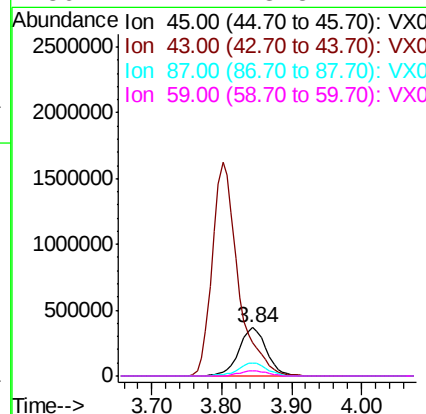
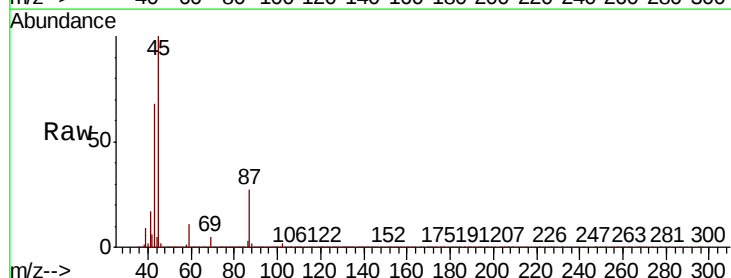
Ion Ratio Lower Upper

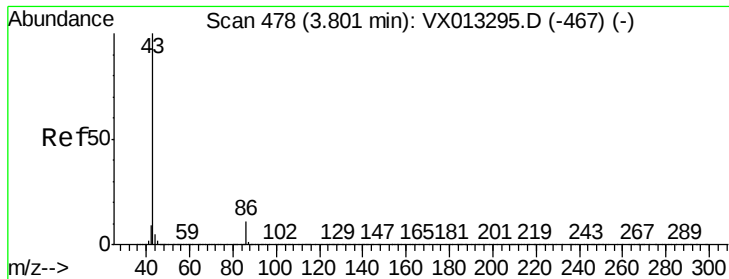
45 100

43 67.4 54.2 81.2

87 26.7 21.8 32.8

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 258.981 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 43 Resp: 4160340

Ion Ratio Lower Upper

43 100

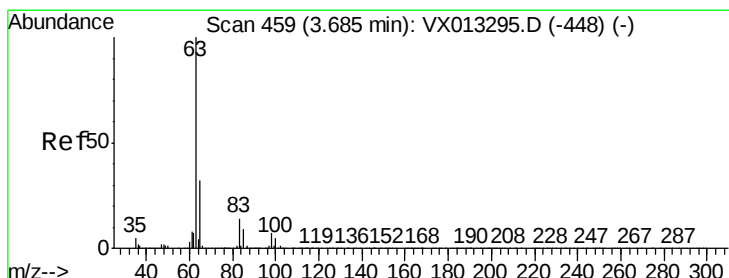
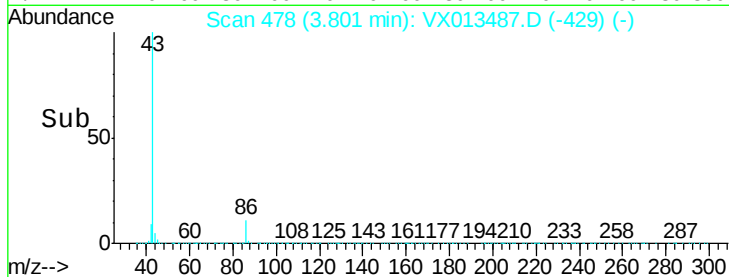
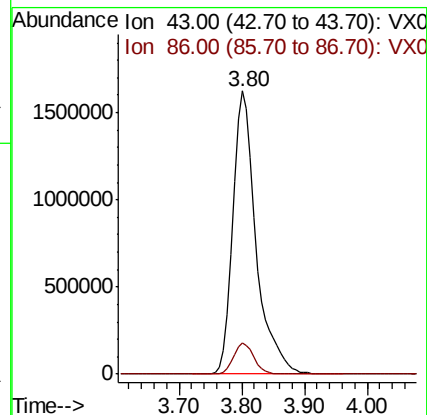
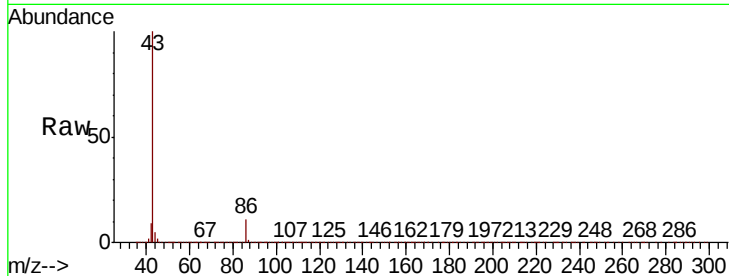
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 51.604 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

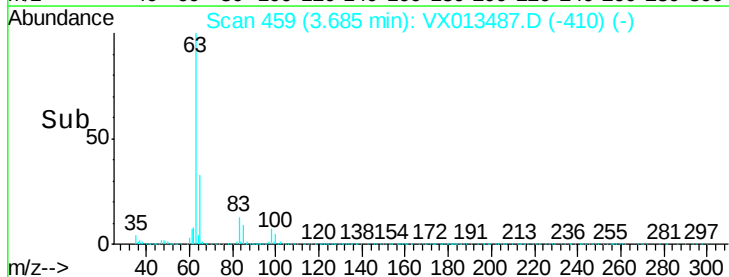
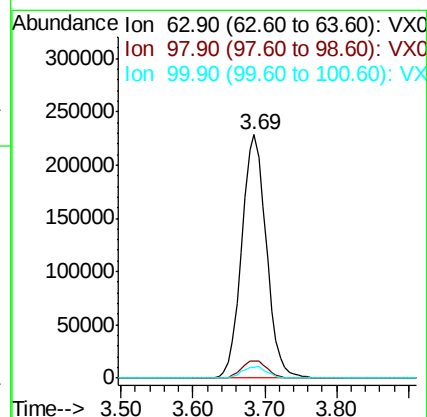
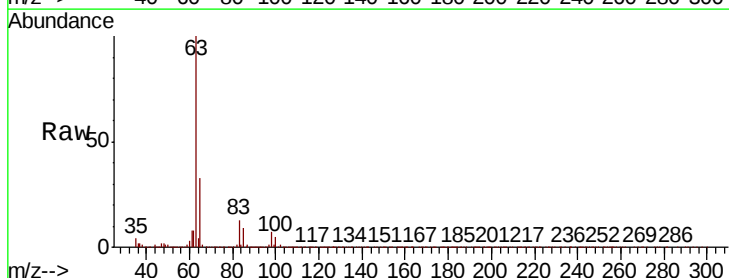
Tgt Ion: 63 Resp: 541947

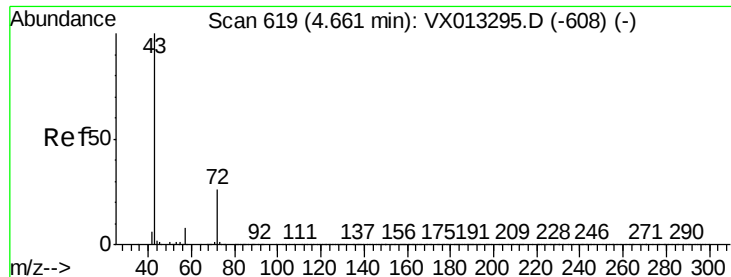
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 289.380 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 43 Resp: 1463610

Ion Ratio Lower Upper

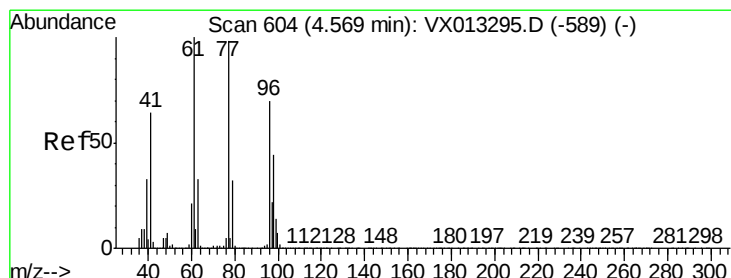
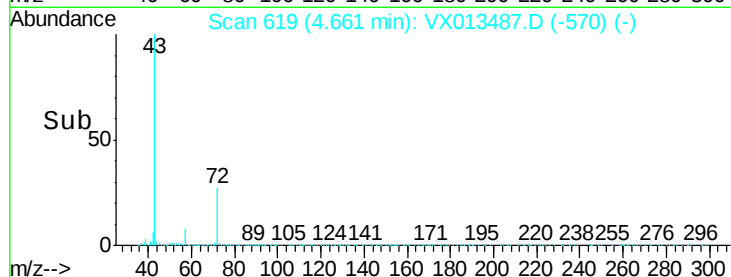
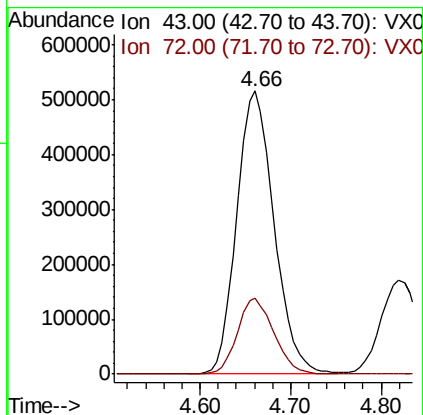
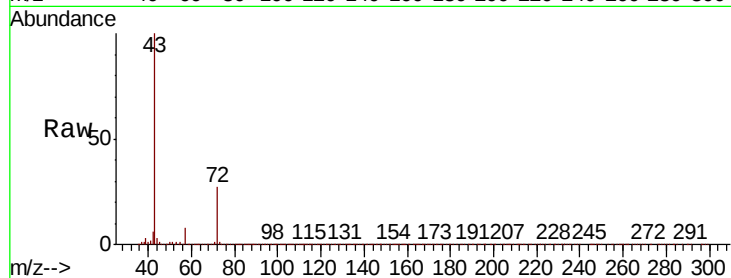
43 100

72 26.6 21.0 31.6

Manual Integrations
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11/22/2019 12:54:28 AM



#26

2,2-Dichloropropane

Concen: 50.773 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013487.D

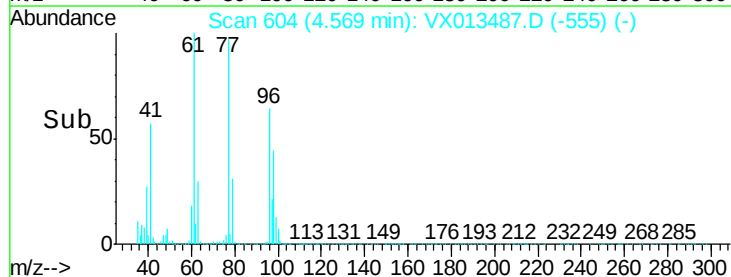
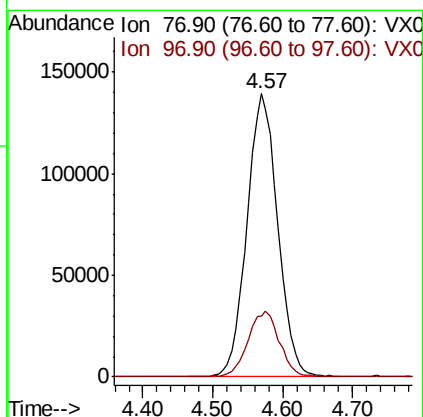
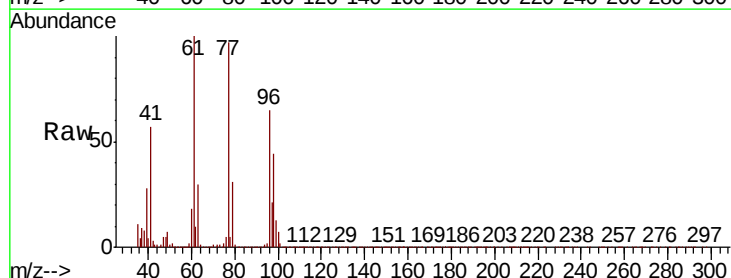
Acq: 20 Nov 2019 19:05

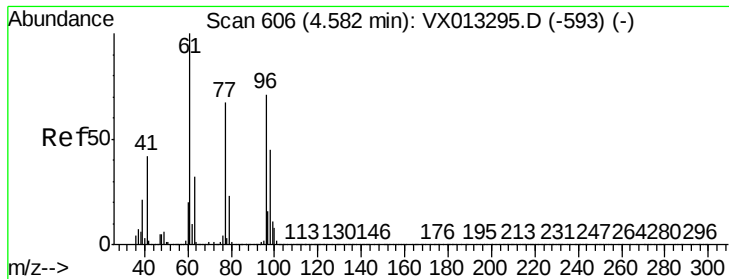
Tgt Ion: 77 Resp: 424189

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.8





#27

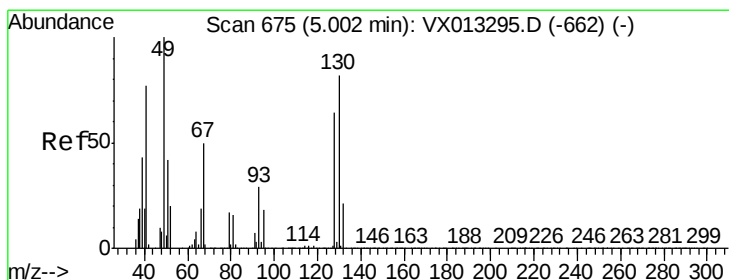
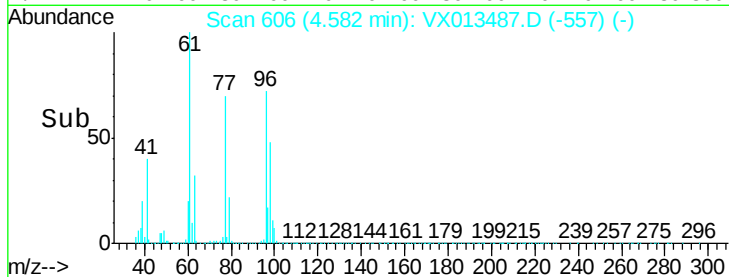
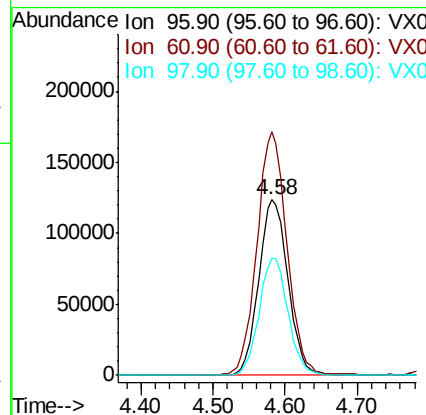
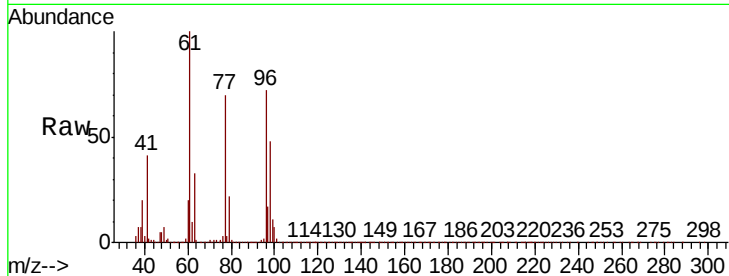
cis-1,2-Dichloroethene
Concen: 53.518 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	349347		
61	141.2	0.0	288.0	
98	65.7	0.0	129.6	

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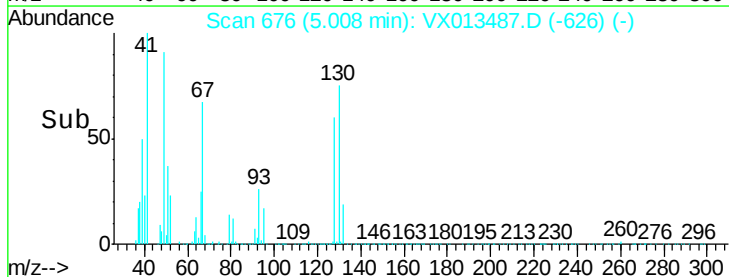
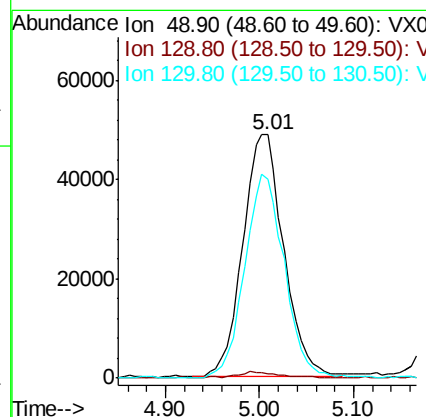
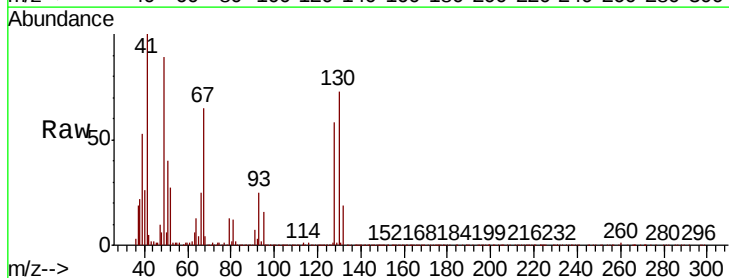
MMDadoda
11/22/2019 12:54:28 AM

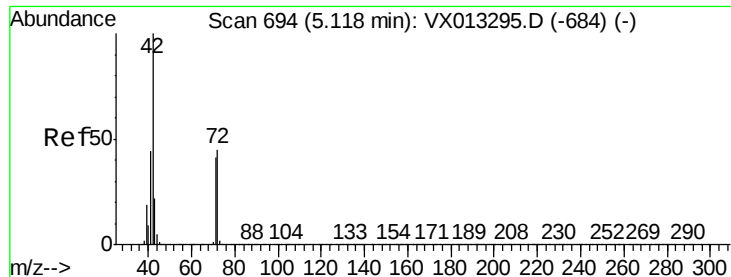


#28

Bromochloromethane
Concen: 49.714 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148239		
129	2.7	0.0	5.2	
130	81.3	63.8	95.6	





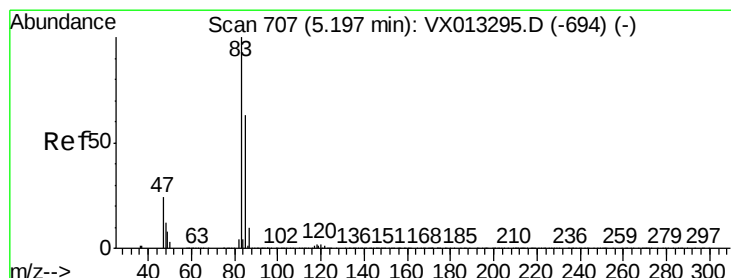
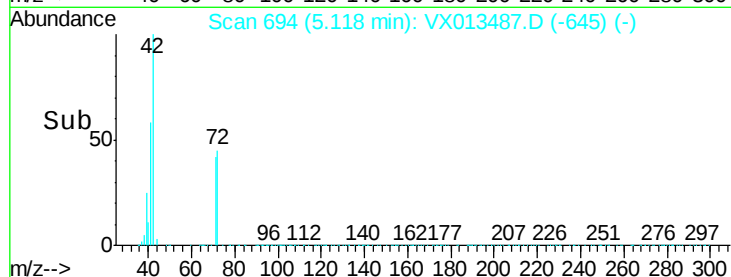
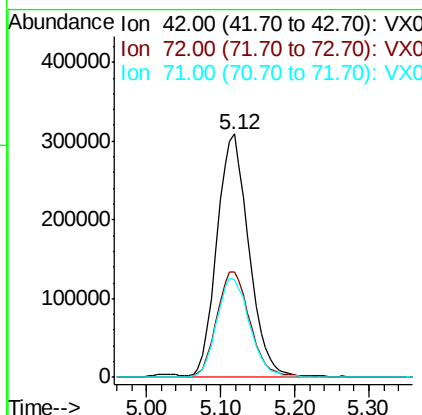
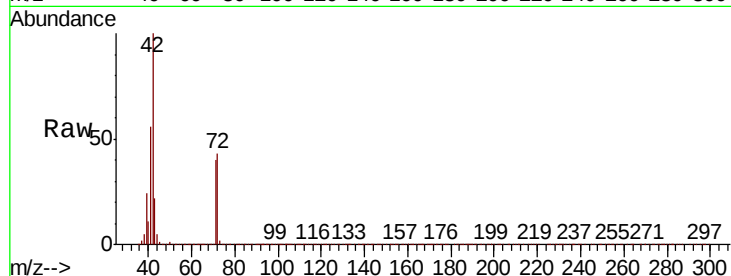
#29
Tetrahydrofuran
Concen: 293.756 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.8	53.8
71	42.5	33.4	50.0

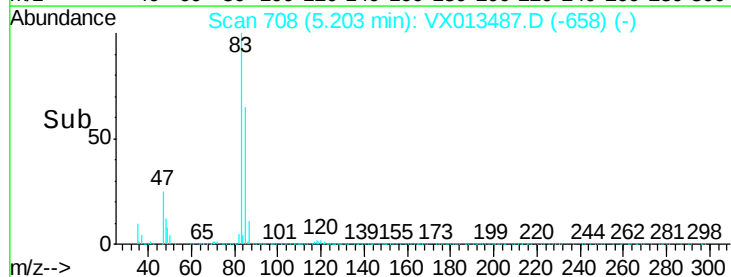
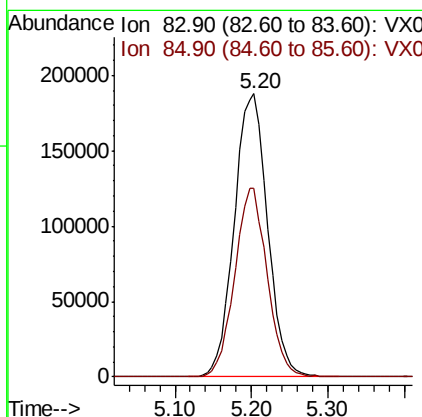
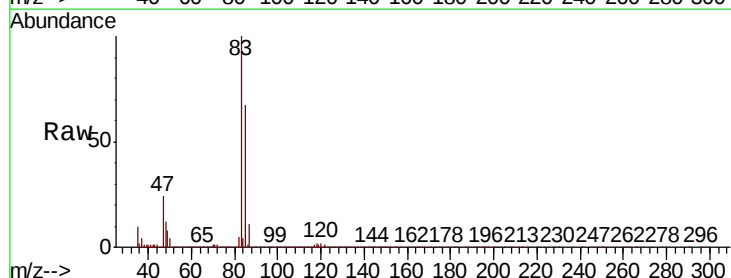
Manual Integrations
APPROVED

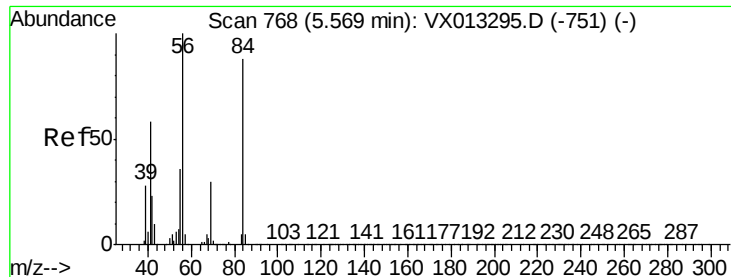
MMDadoda
11/22/2019 12:54:28 AM



#30
Chloroform
Concen: 54.505 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.2	75.4





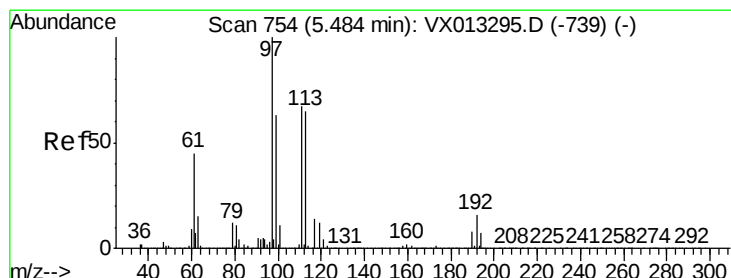
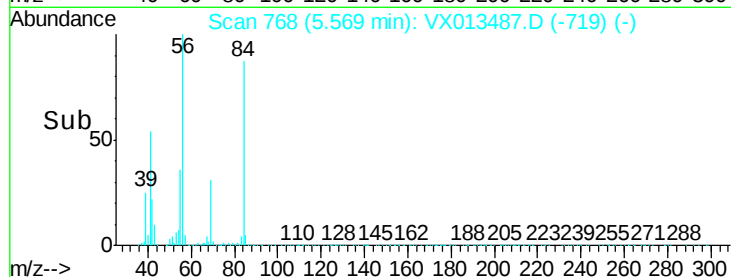
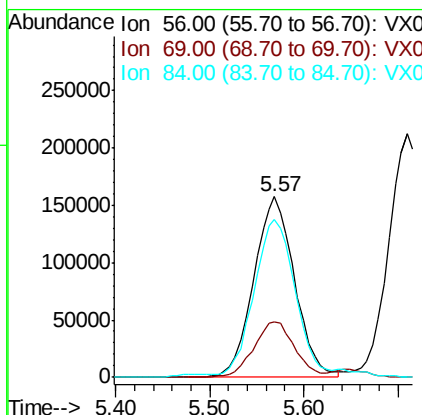
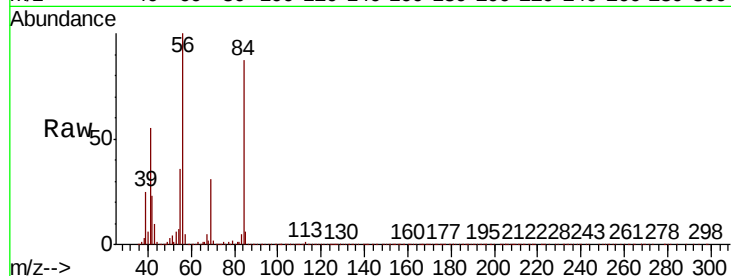
#31
Cyclohexane
Concen: 50.144 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.7	35.5
84	86.0	70.6	105.8

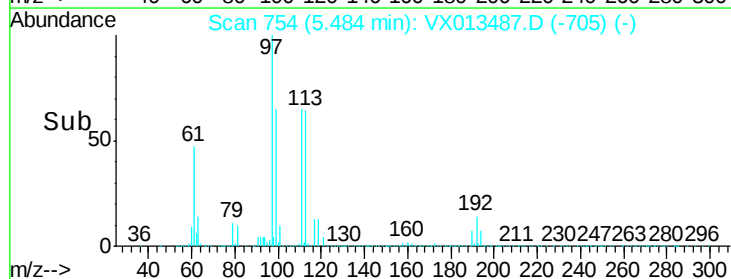
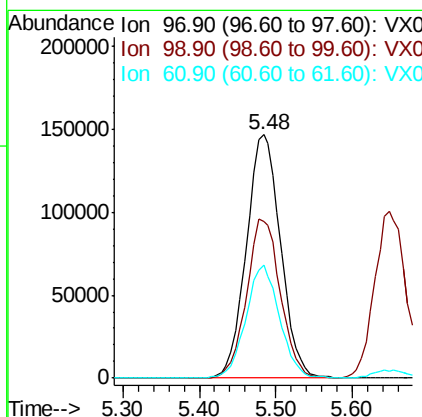
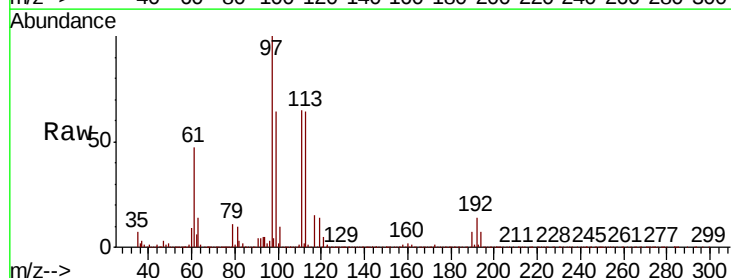
Manual Integrations
APPROVED

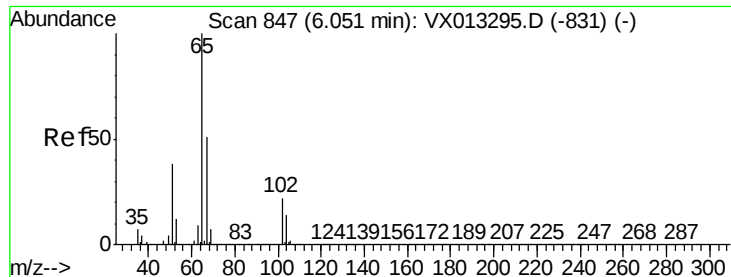
MMDadoda
11/22/2019 12:54:28 AM



#32
1,1,1-Trichloroethane
Concen: 51.143 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	45.3	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.919 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 65 Resp: 324308

Ion Ratio Lower Upper

65 100

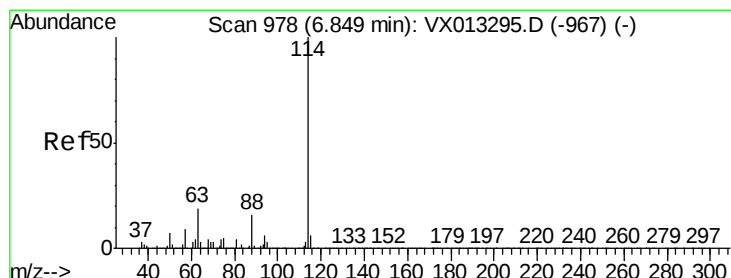
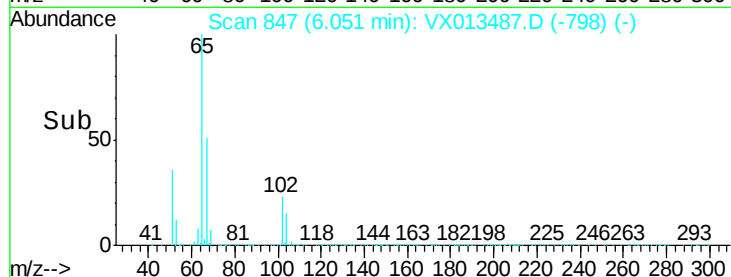
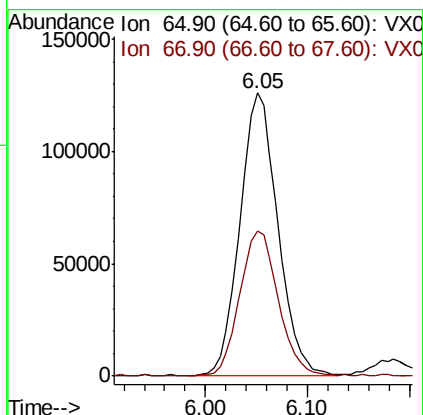
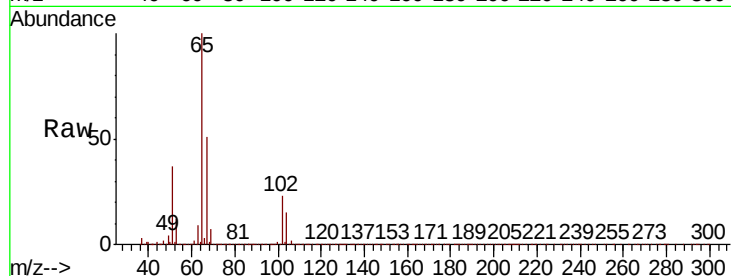
67 52.4 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

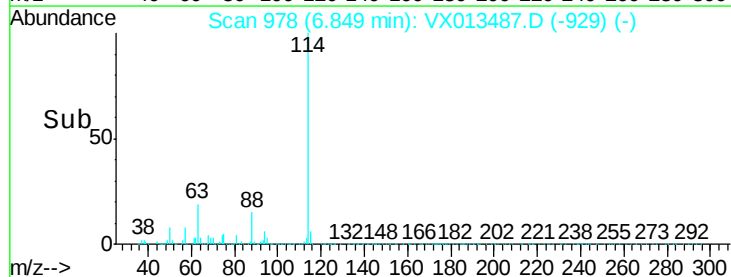
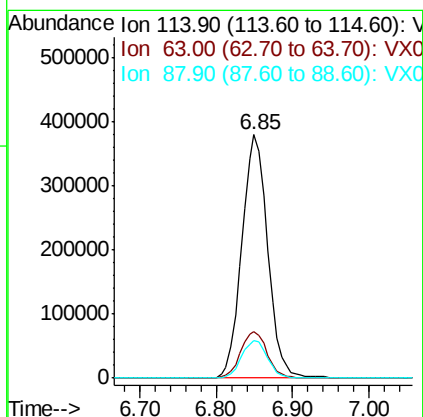
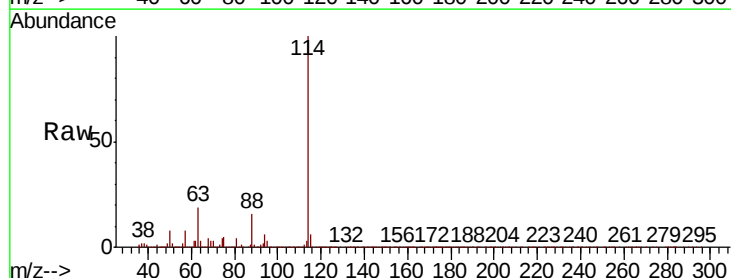
Tgt Ion: 114 Resp: 890210

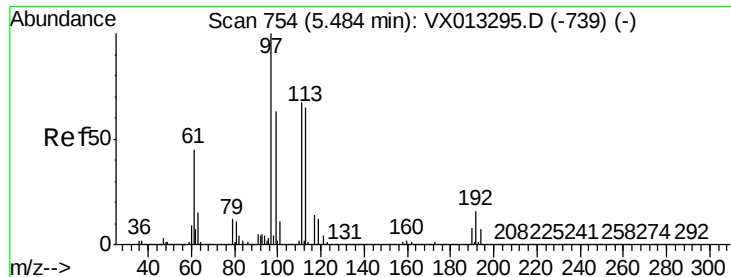
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.244 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

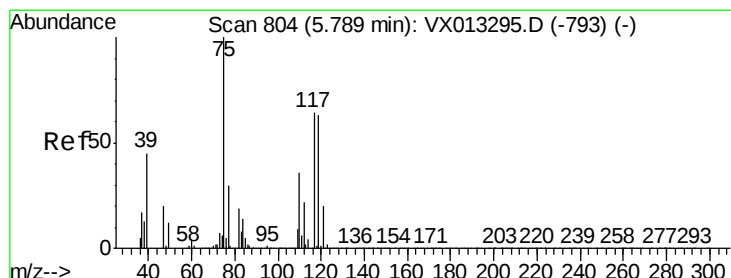
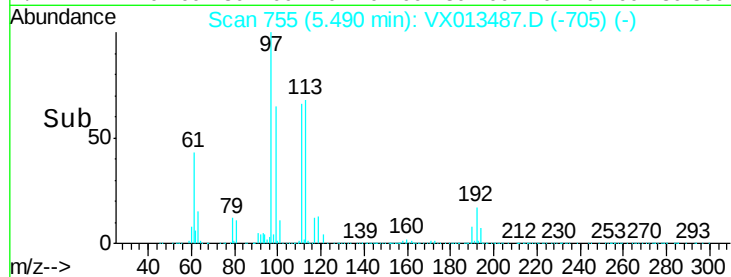
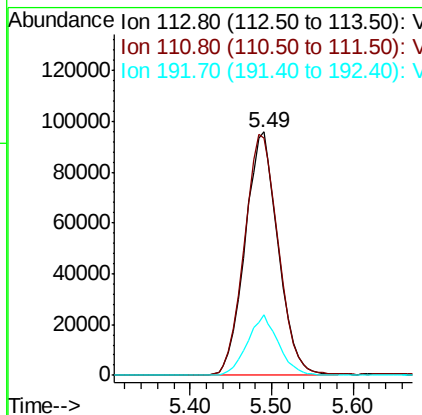
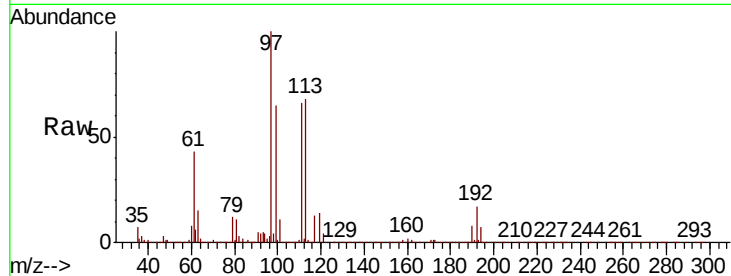
ClientSampleId :

MW-3MS

Tot Ion:	113	Resp:	269370
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.9	122.9
192	23.3	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.320 ug/l

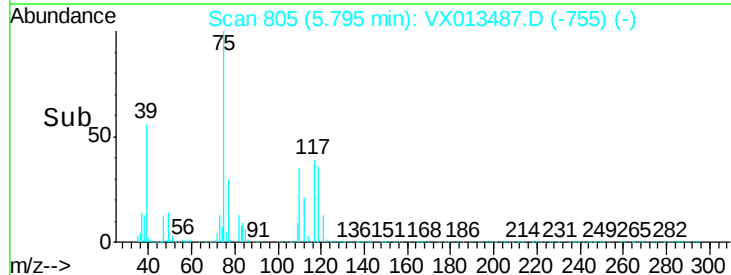
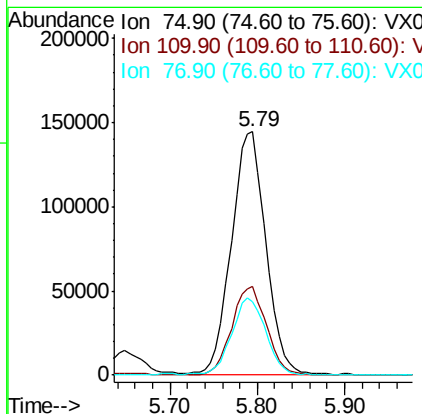
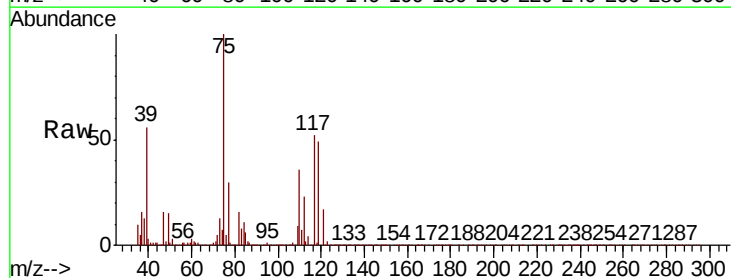
RT: 5.79 min Scan# 805

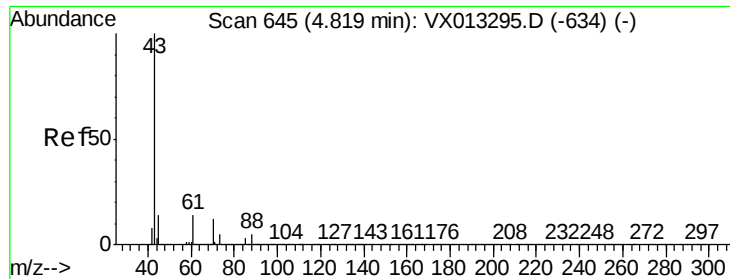
Delta R.T. 0.01 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion:	75	Resp:	391927
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	30.9	25.0	37.4





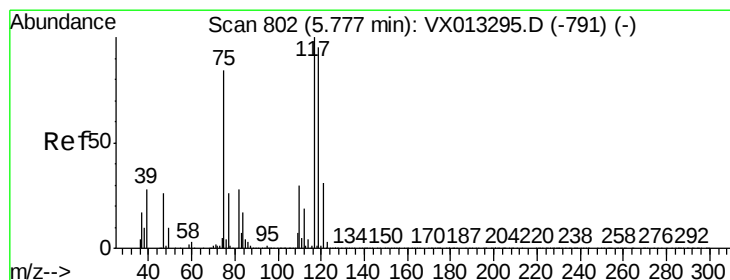
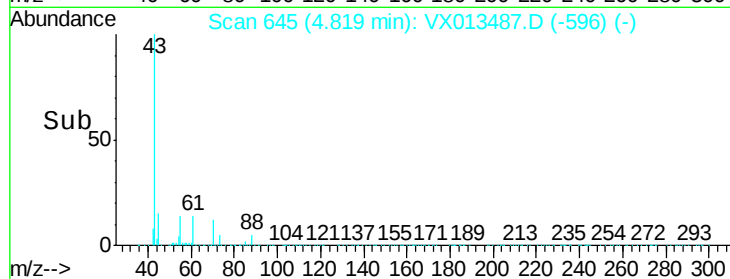
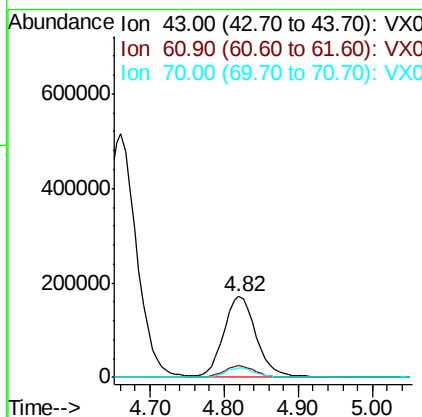
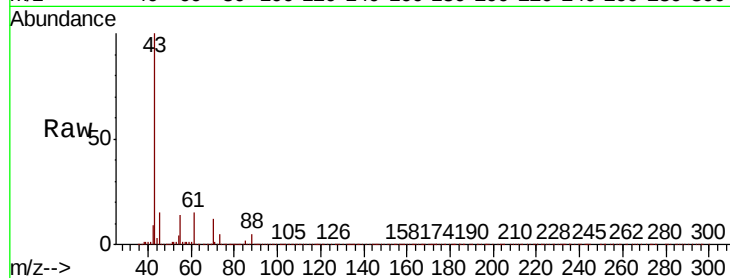
#37
Ethyl Acetate
Concen: 54.499 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	43	Resp	514290
Ion Ratio	Lower	Upper	
43	100		
61	13.7	10.7	16.1
70	11.0	8.7	13.1

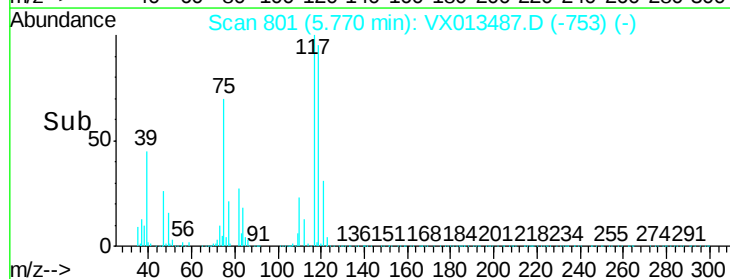
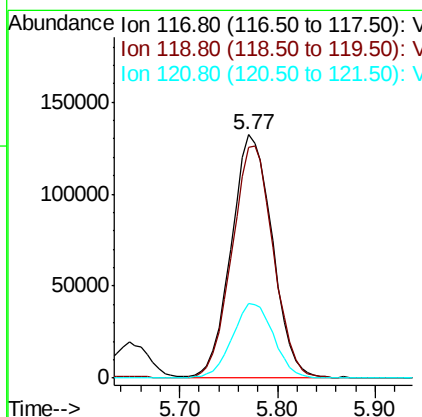
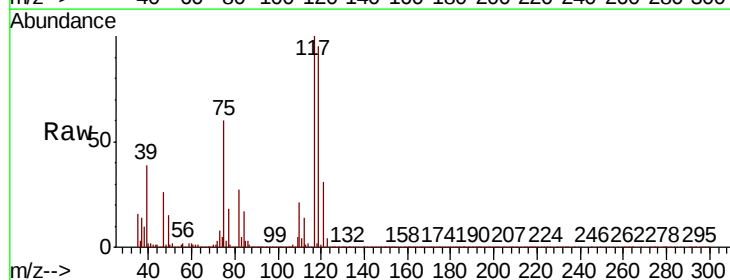
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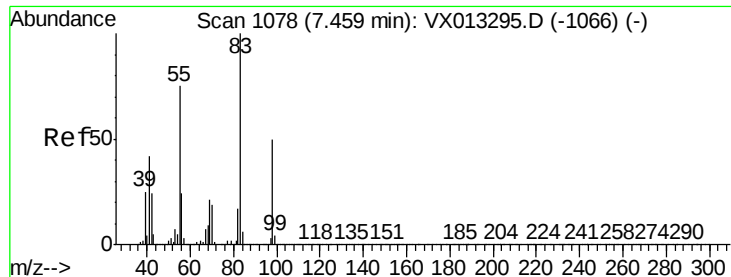
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#38
Carbon Tetrachloride
Concen: 51.295 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	117	Resp	383069
Ion Ratio	Lower	Upper	
117	100		
119	95.1	76.1	114.1
121	30.9	24.6	37.0





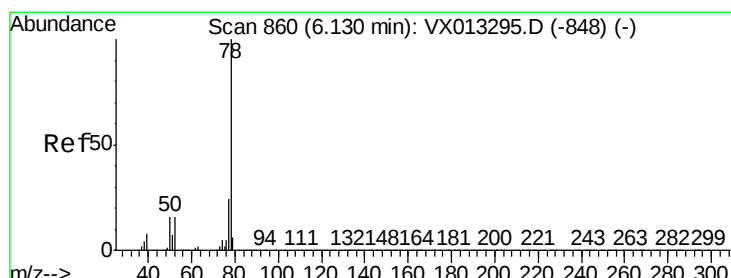
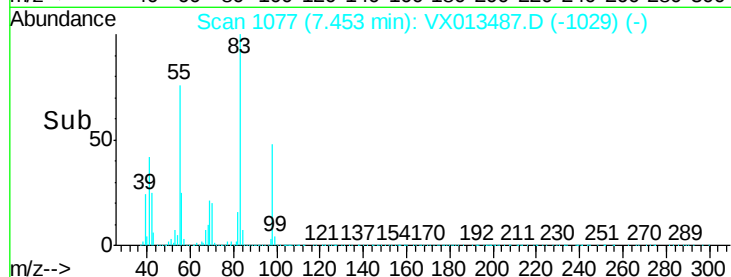
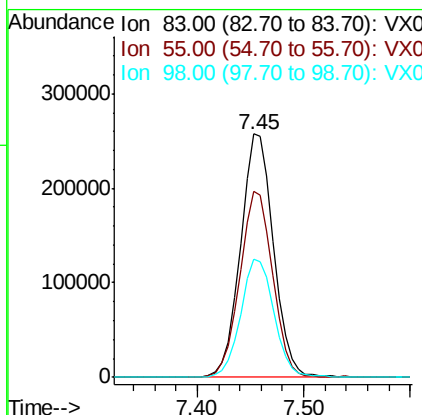
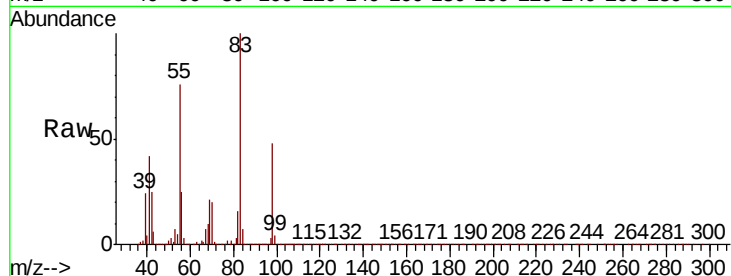
#39
Methvlcvclohexane
Concen: 58.723 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.3	90.5
98	48.4	40.3	60.5

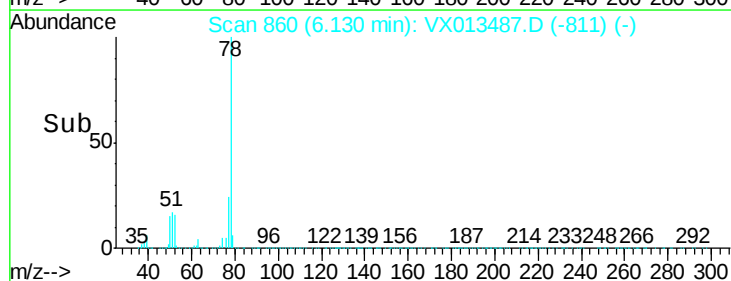
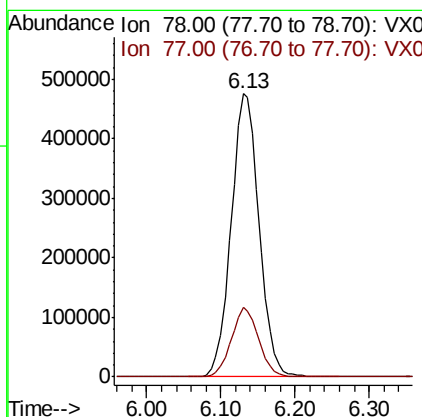
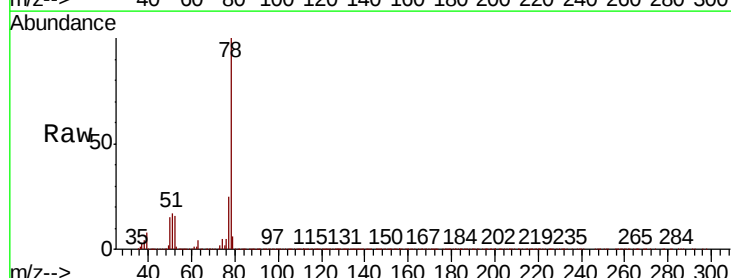
Manual Integrations
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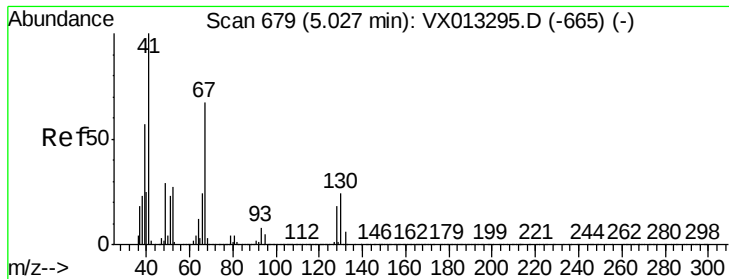
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#40
Benzene
Concen: 52.526 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





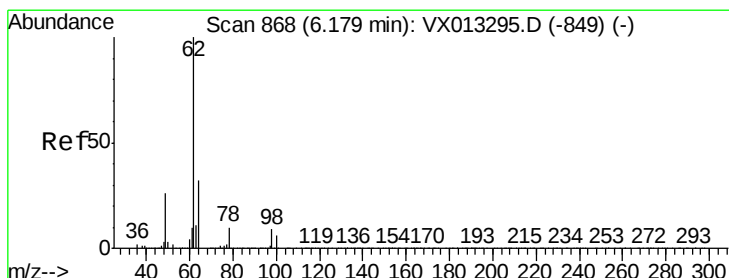
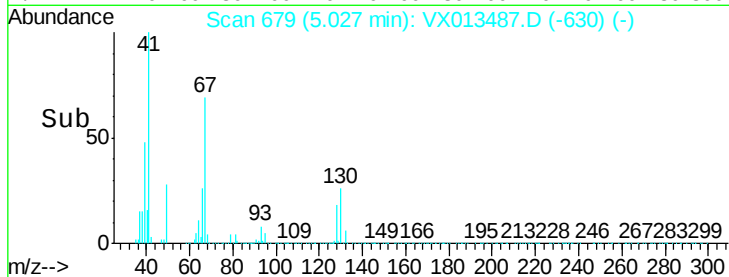
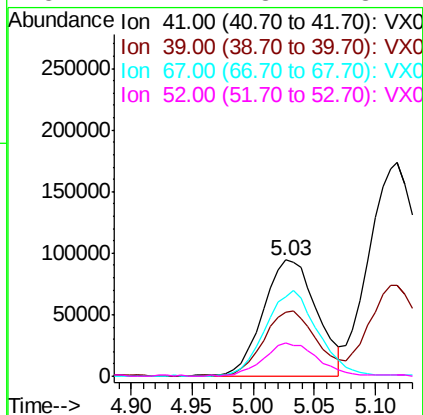
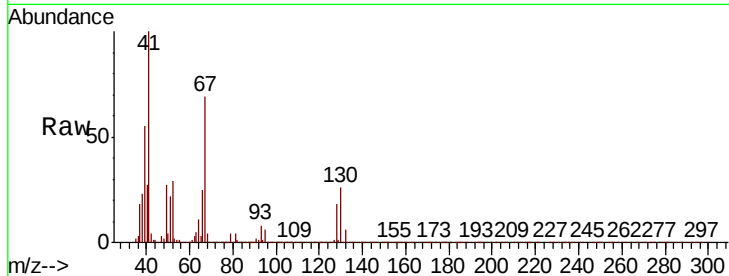
#41
Methacrylonitrile
Concen: 54.796 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		289831		
39	55.7	45.0	67.6		
67	72.0	55.4	83.2		
52	27.4	23.1	34.7		

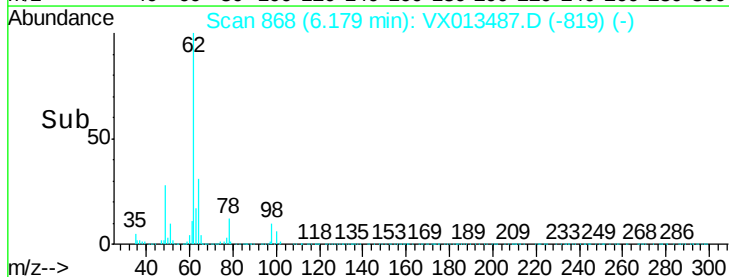
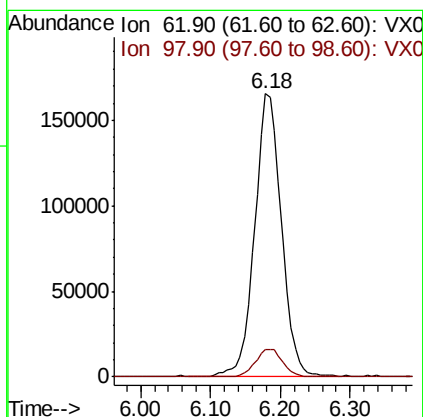
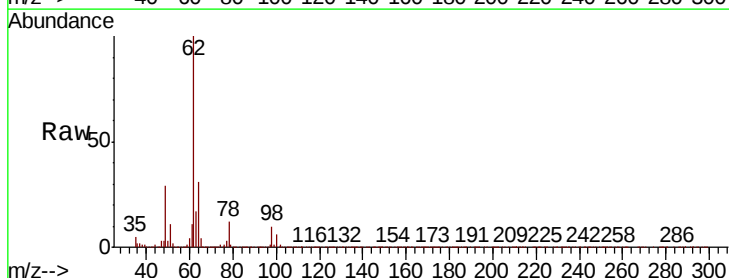
Manual Integrations
APPROVED

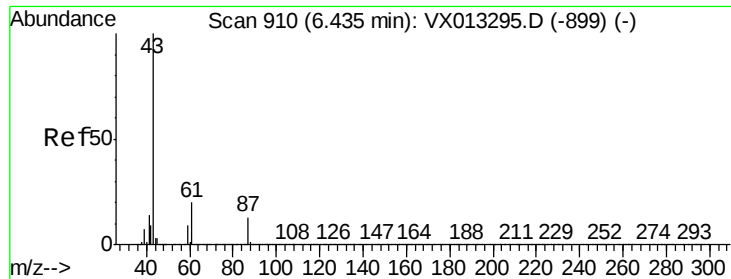
MMDadoda
11/22/2019 12:54:28 AM



#42
1,2-Dichloroethane
Concen: 51.317 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		440337		
98	9.9	0.0	19.4		





#43

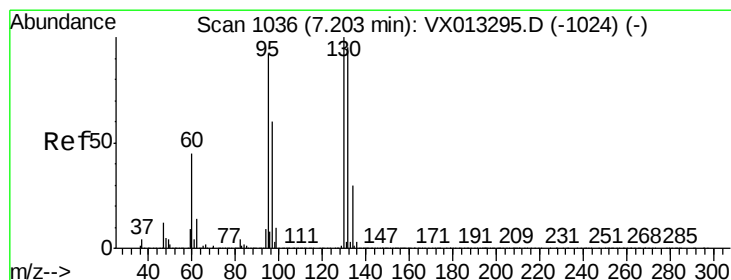
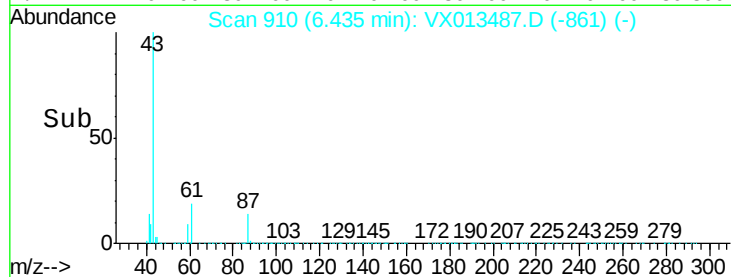
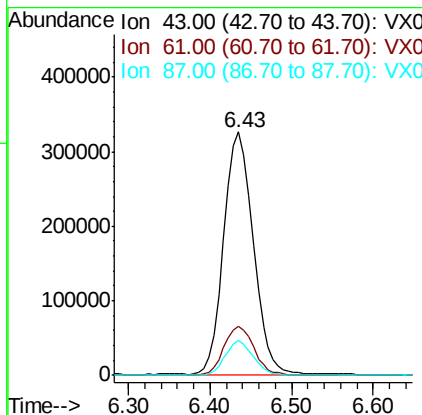
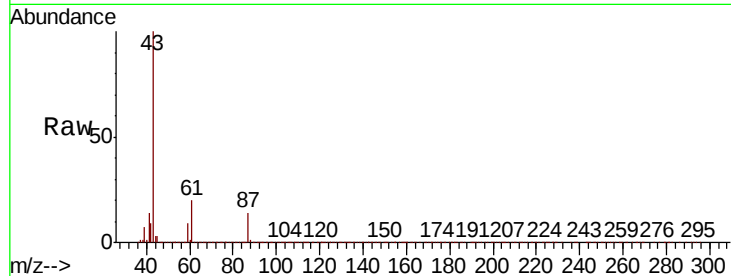
Isopropyl Acetate
 Concen: 55.561 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.8
87	13.5	10.4	15.6

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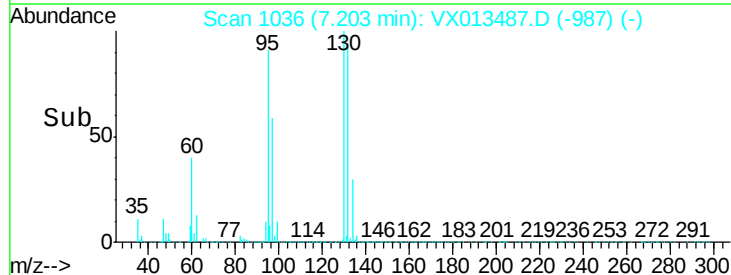
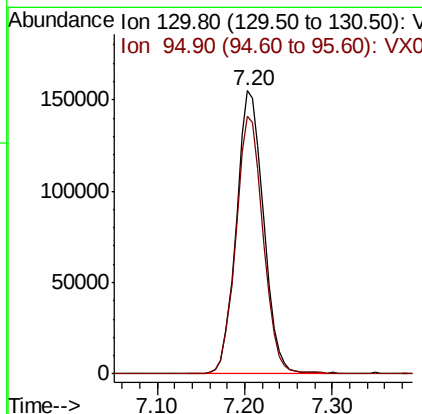
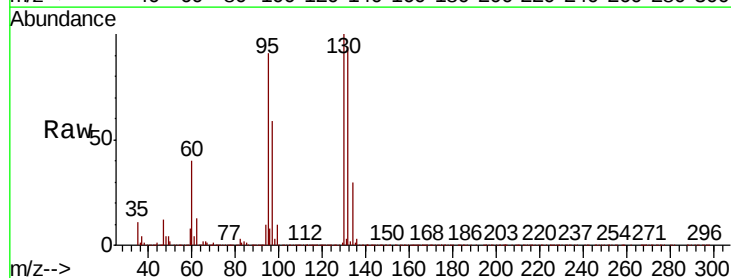
MMDadoda
 11/22/2019 12:54:28 AM

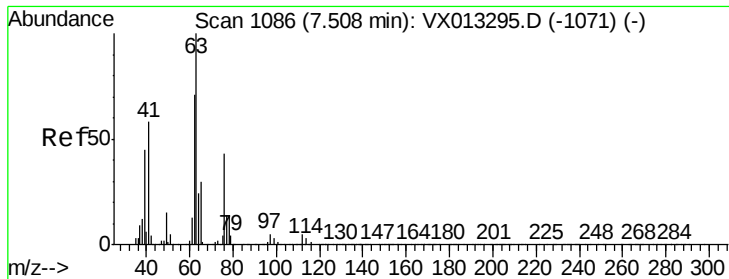


#44

Trichloroethene
 Concen: 51.377 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	184.8





#45

1,2-Dichloropropane

Concen: 53.159 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 63 Resp: 322212

Ion Ratio Lower Upper

63 100

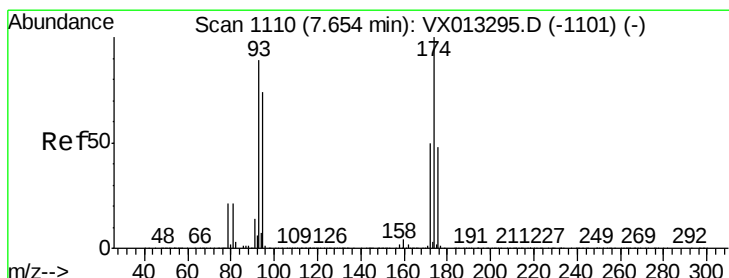
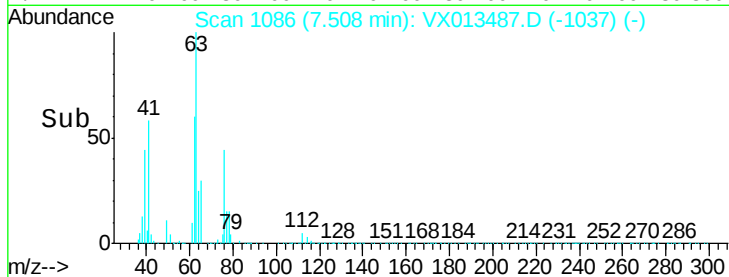
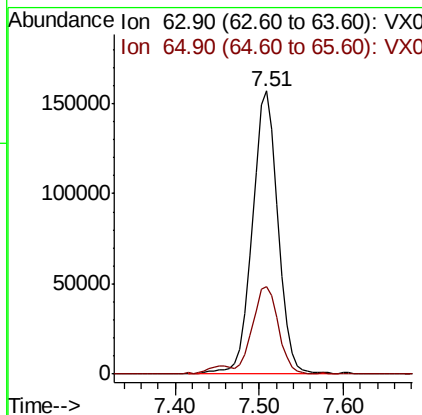
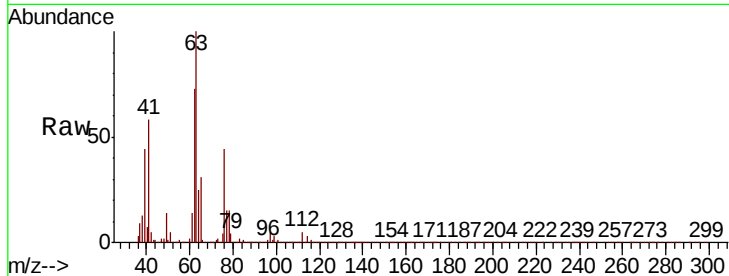
65 30.8 24.3 36.5

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#46

Dibromomethane

Concen: 51.670 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

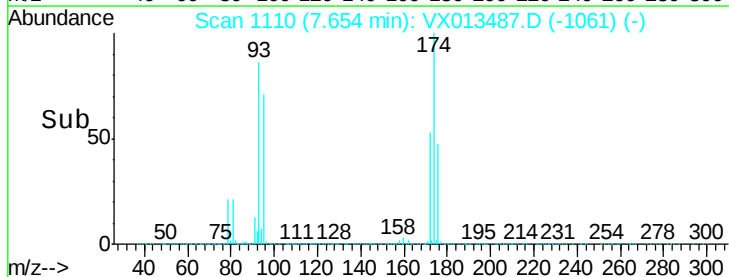
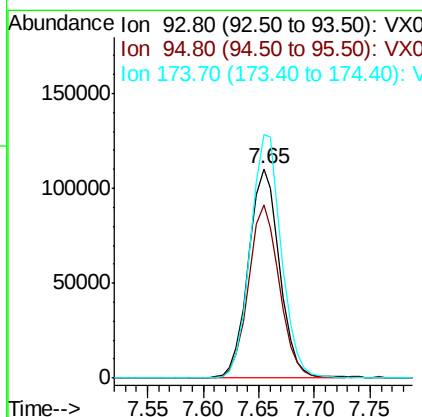
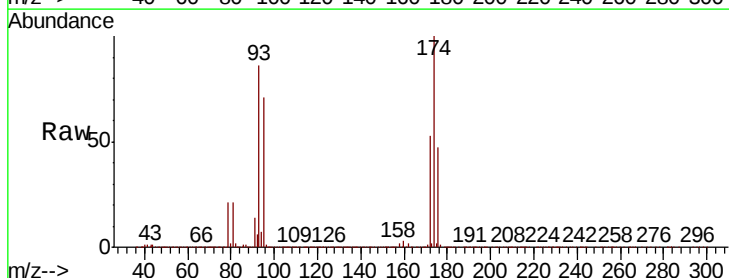
Tgt Ion: 93 Resp: 213837

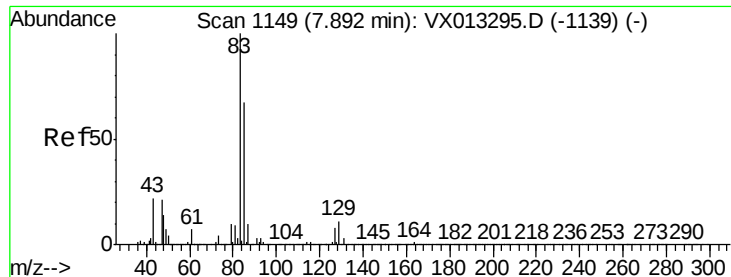
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.6

174 117.0 90.4 135.6





#47

Bromodichloromethane

Concen: 54.484 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

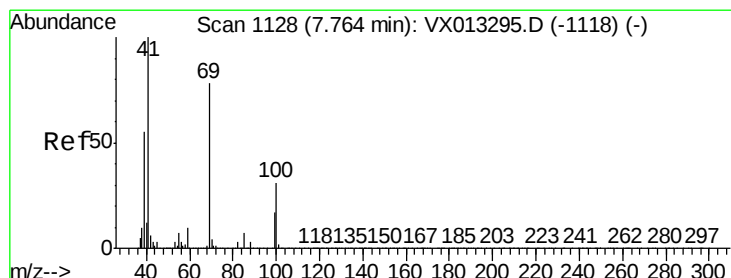
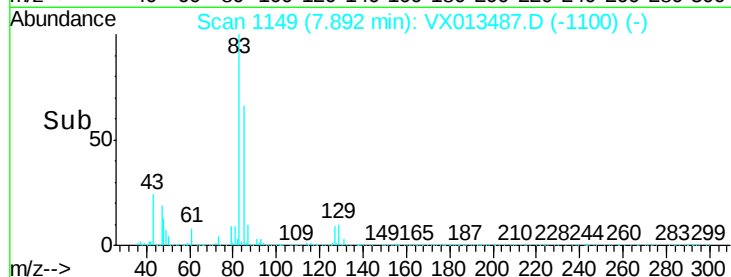
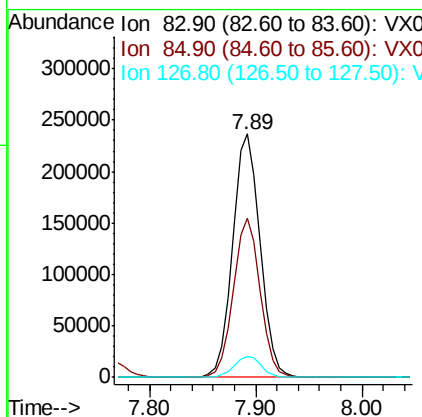
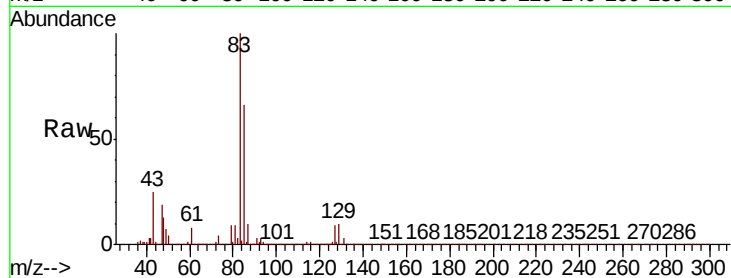
ClientSampleId :

MW-3MS

Tot Ion:	83	Resp:	425185
Ion Ratio	Lower	Upper	
83	100		
85	65.4	53.7	80.5
127	8.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.949 ug/l

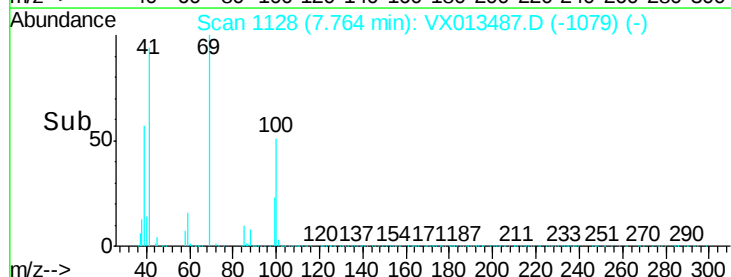
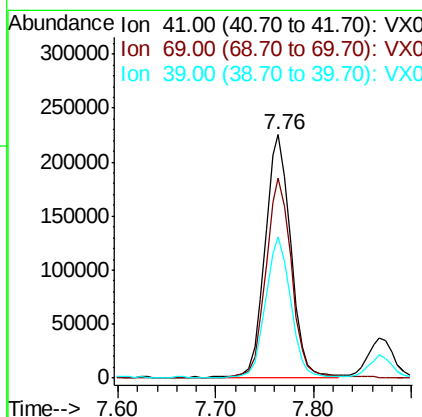
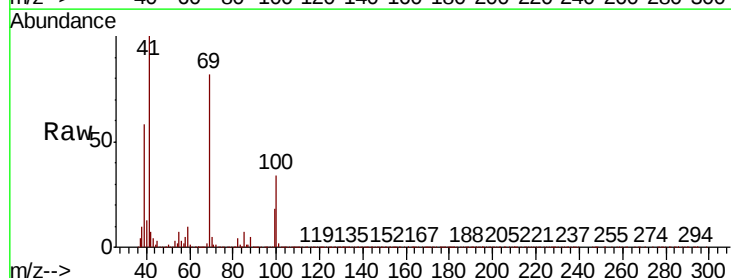
RT: 7.76 min Scan# 1128

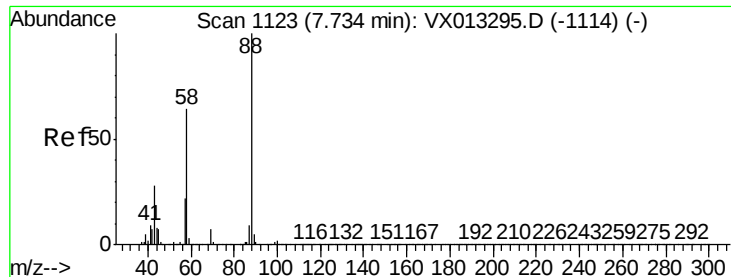
Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion:	41	Resp:	410399
Ion Ratio	Lower	Upper	
41	100		
69	82.2	63.0	94.6
39	56.7	45.9	68.9





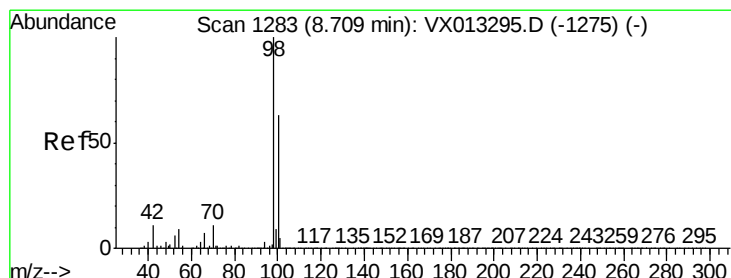
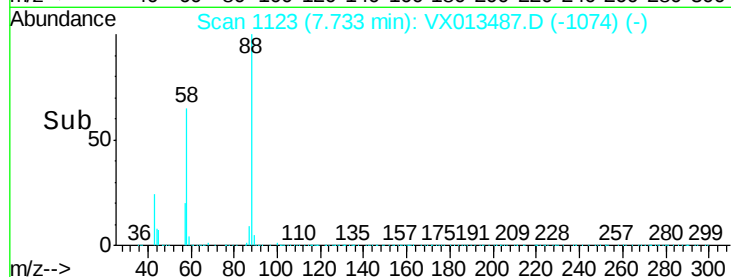
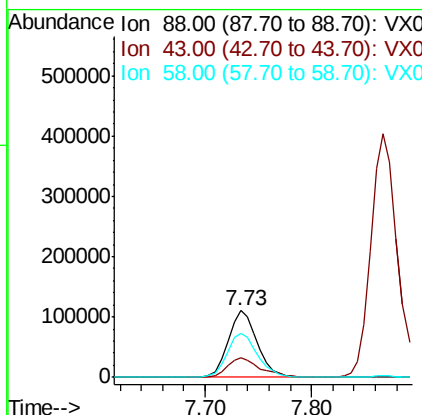
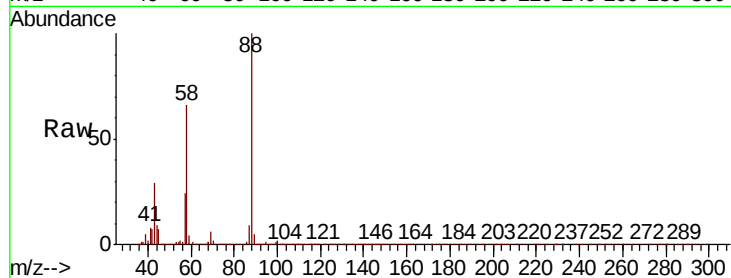
#49
1,4-Dioxane
Concen: 1251.133 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.6	39.8
58	69.1	55.0	82.6

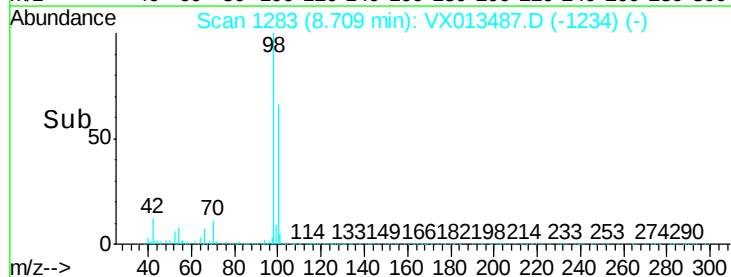
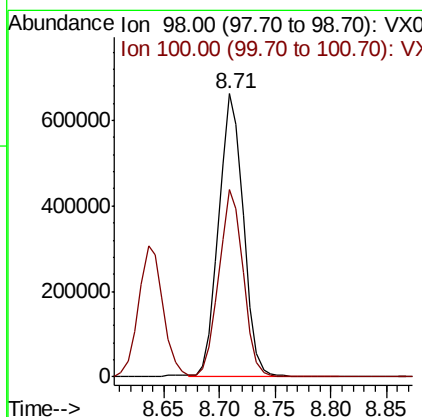
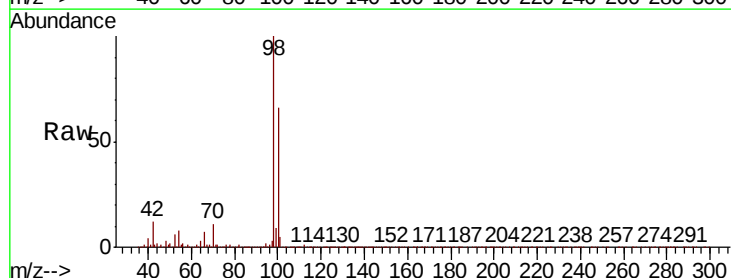
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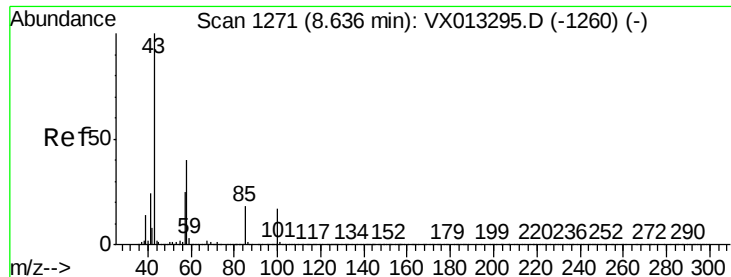
MMDadoda
11/22/2019 12:54:28 AM



#50
Toluene-d8
Concen: 48.205 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 294.860 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 43 Resp: 2842709

Ion Ratio Lower Upper

43 100

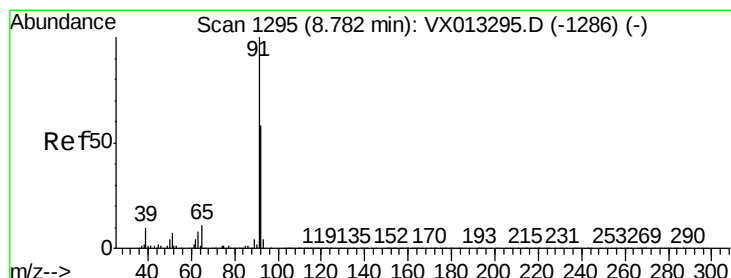
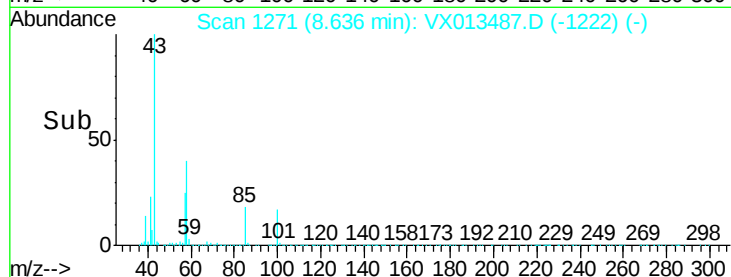
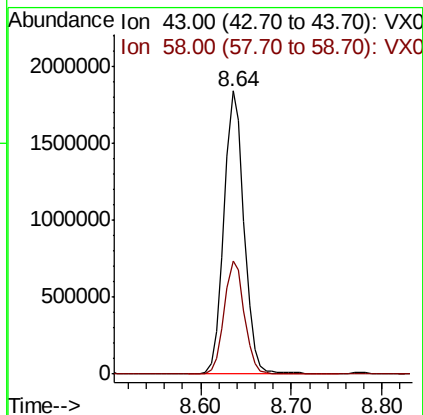
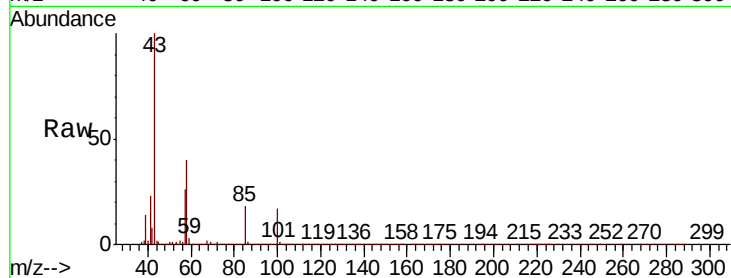
58 40.1 31.4 47.0

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#52

Toluene

Concen: 52.892 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013487.D

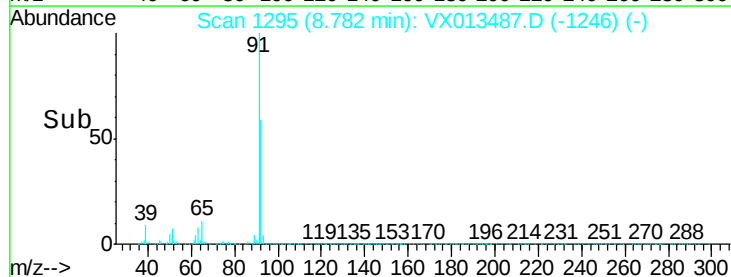
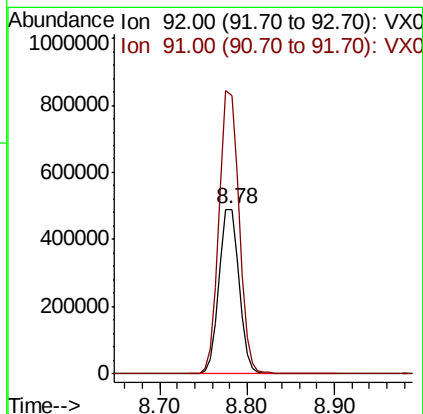
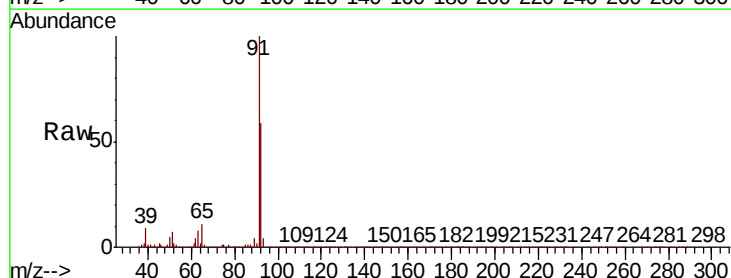
Acq: 20 Nov 2019 19:05

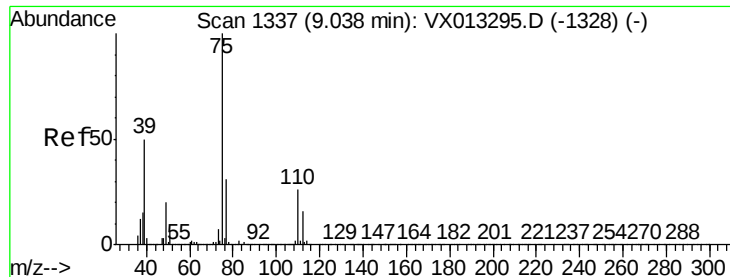
Tgt Ion: 92 Resp: 779844

Ion Ratio Lower Upper

92 100

91 171.0 138.0 207.0





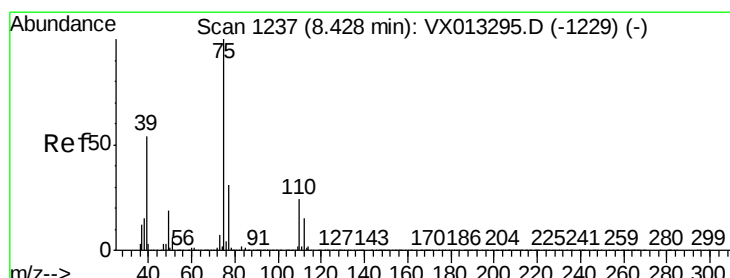
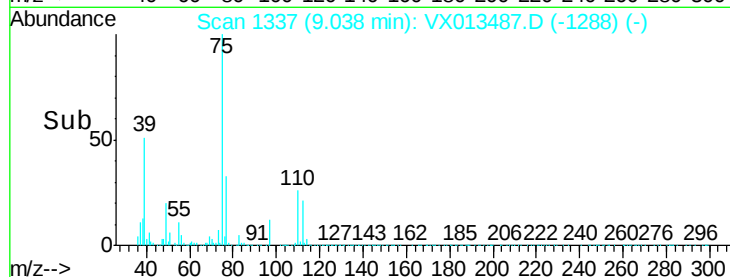
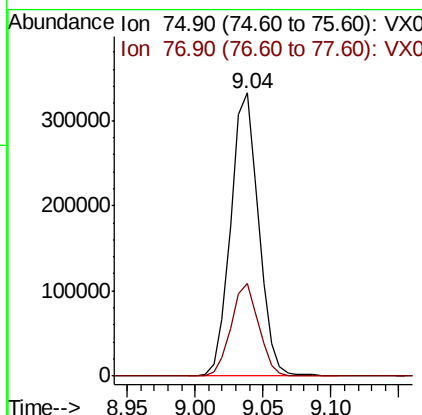
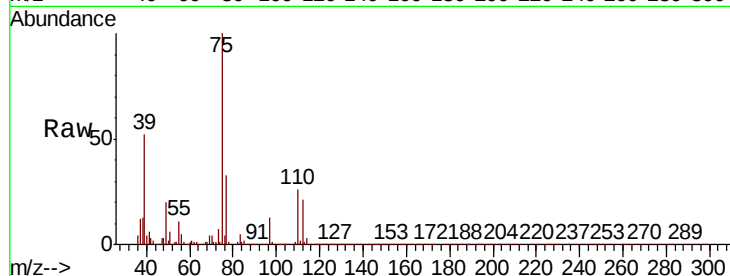
#53
t-1,3-Dichloropropene
Concen: 55.847 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4

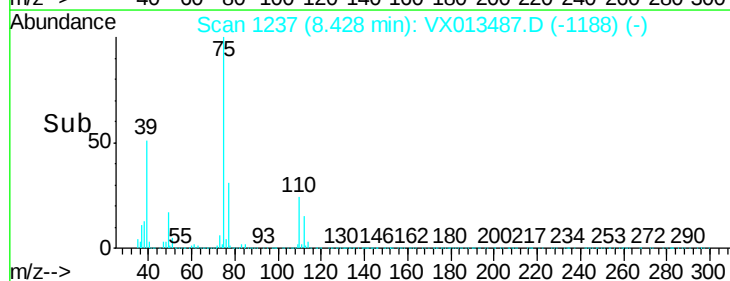
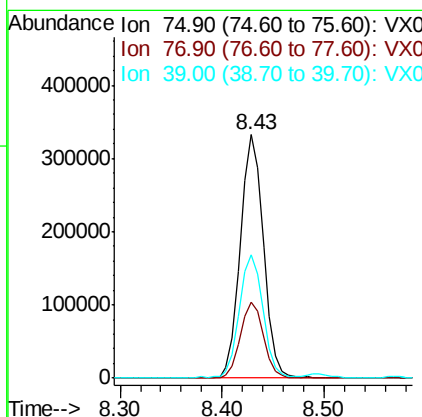
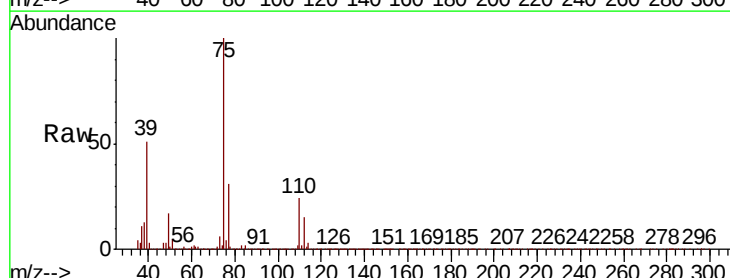
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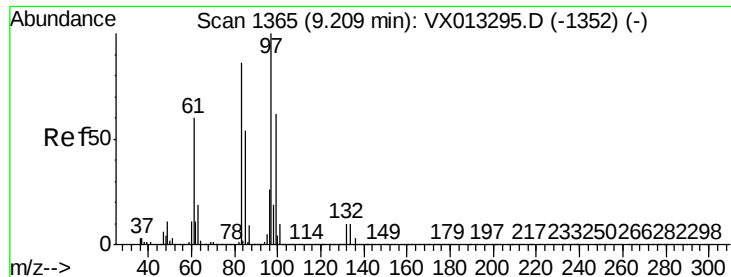
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.510 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1
39	50.7	43.0	64.6





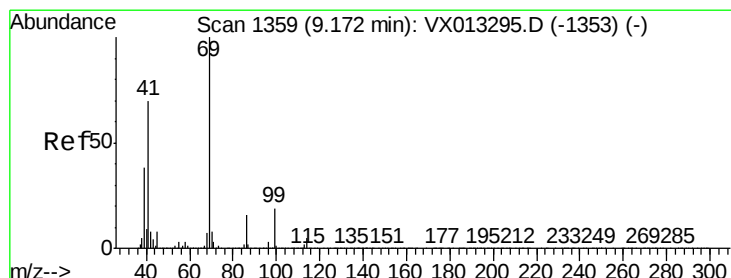
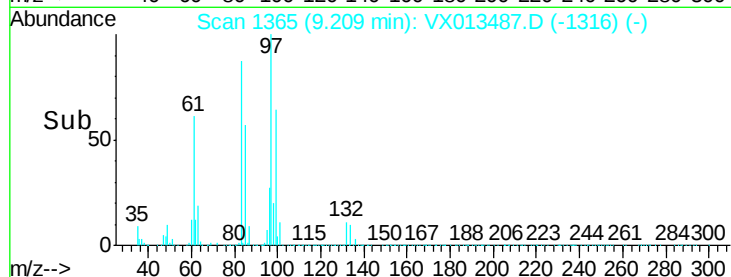
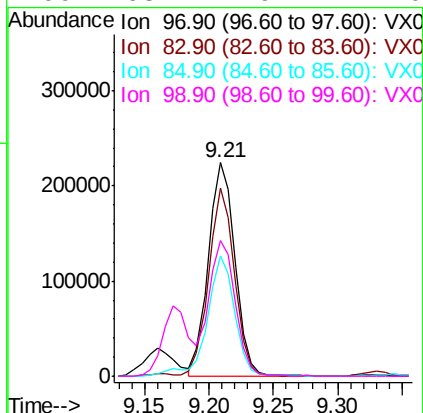
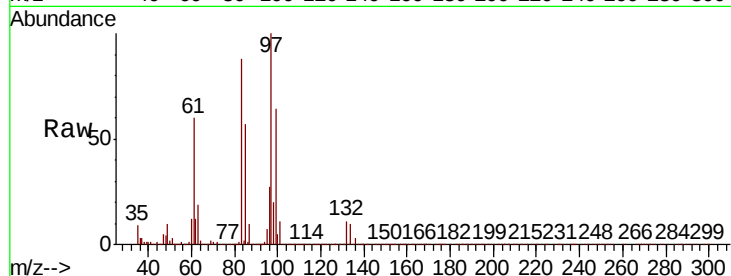
#55
 1,1,2-Trichloroethane
 Concen: 53.327 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Tot Ion:	97	Resp:	325893
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.6	103.0
85	56.6	43.1	64.7
99	63.4	49.4	74.0

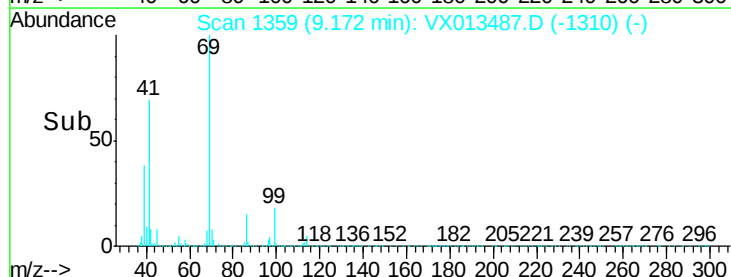
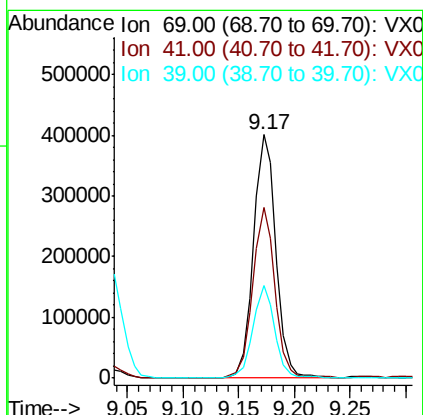
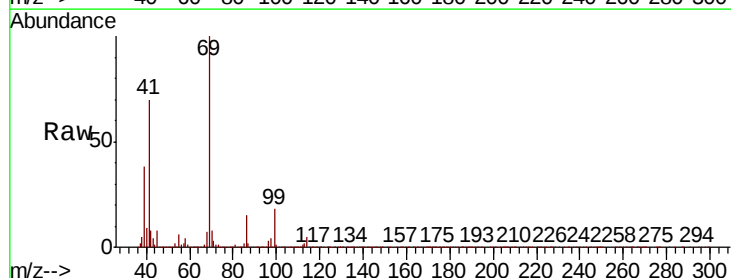
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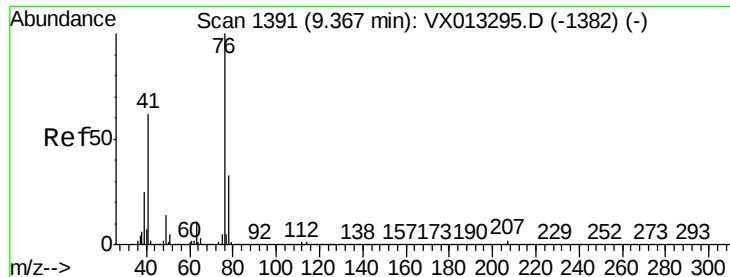
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 11/22/2019 12:54:28 AM



#56
 Ethyl methacrylate
 Concen: 53.758 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Tgt Ion:	69	Resp:	562136
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.2	84.2
39	36.7	31.1	46.7





#57

1,3-Dichloropropane

Concen: 53.258 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 76 Resp: 552507

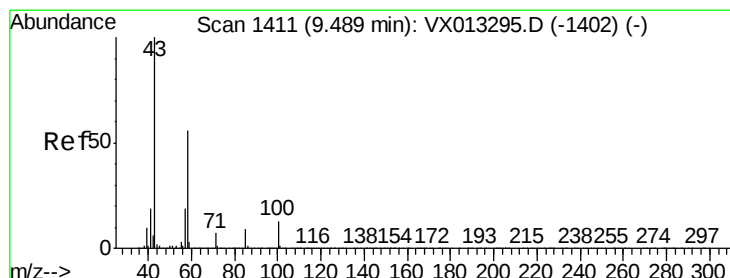
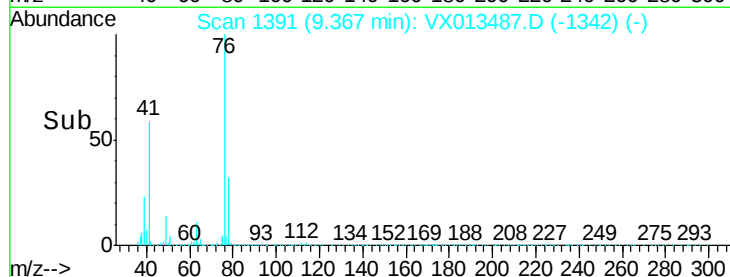
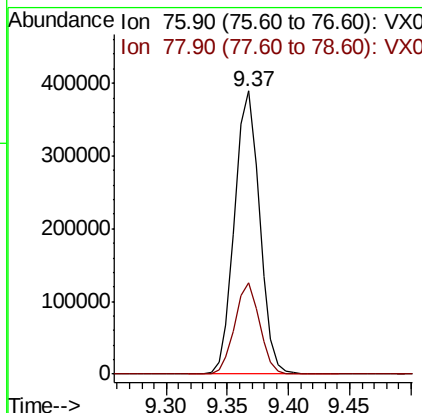
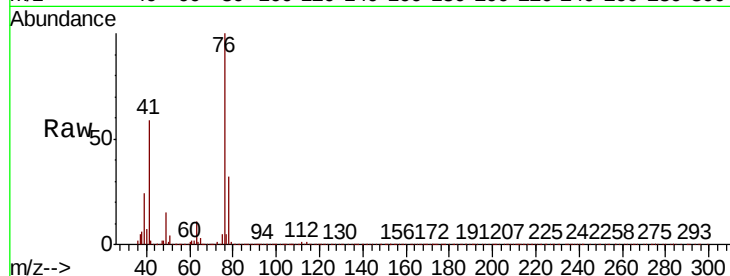
Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6

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#59

2-Hexanone

Concen: 300.067 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013487.D

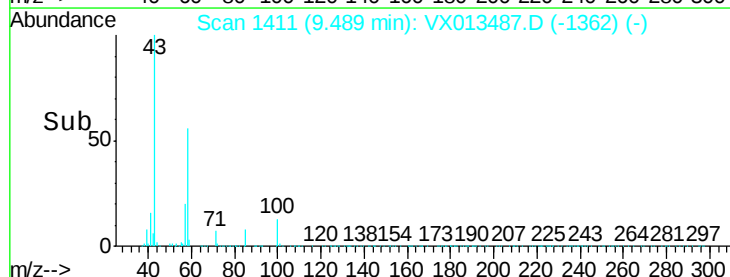
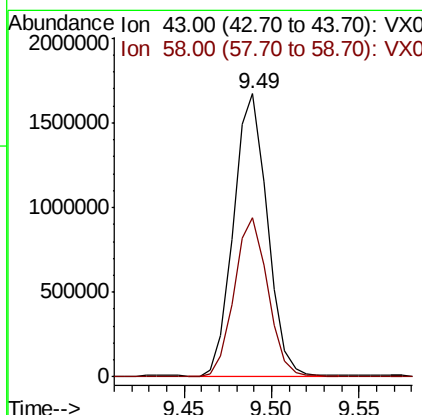
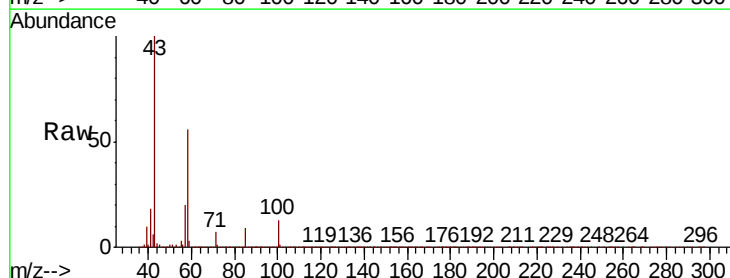
Acq: 20 Nov 2019 19:05

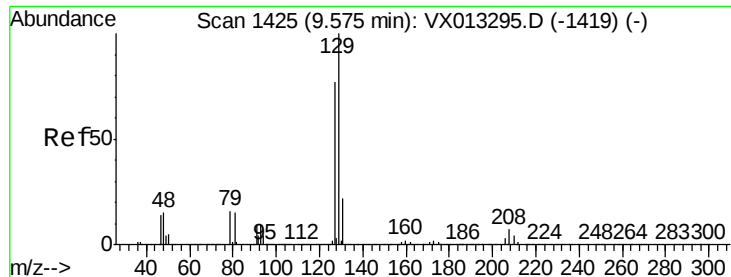
Tgt Ion: 43 Resp: 2235576

Ion Ratio Lower Upper

43 100

58 56.6 27.3 81.8





#60

Dibromochloromethane

Concen: 55.815 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion:129 Resp: 348851

Ion Ratio Lower Upper

129 100

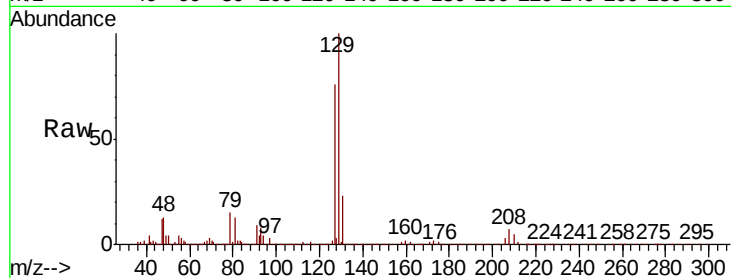
127 77.2 39.1 117.2

Manual Integrations

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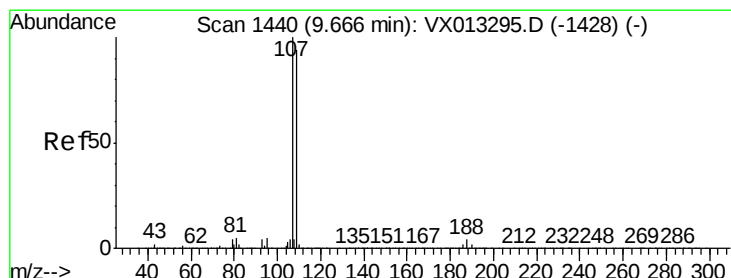
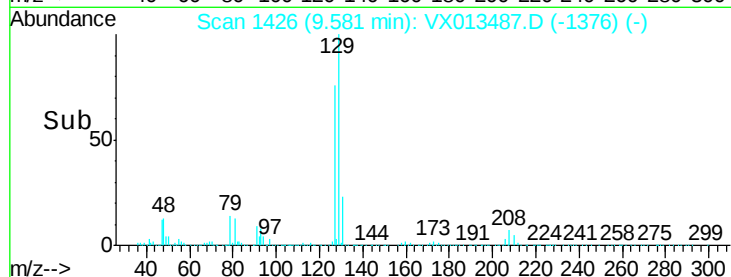
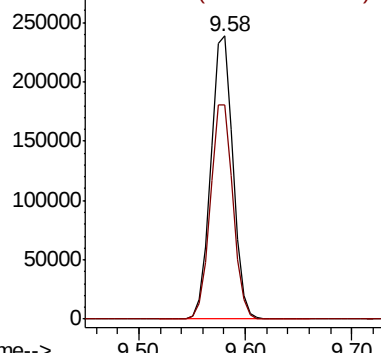
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.229 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013487.D

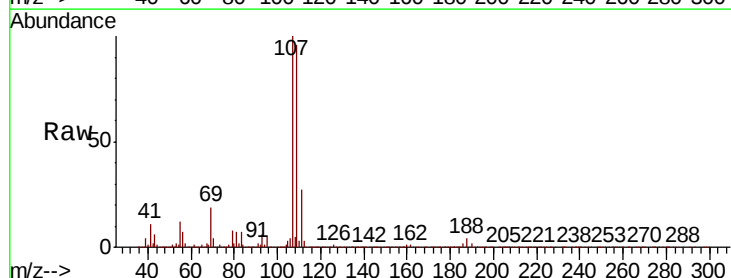
Acq: 20 Nov 2019 19:05

Tgt Ion:107 Resp: 345427

Ion Ratio Lower Upper

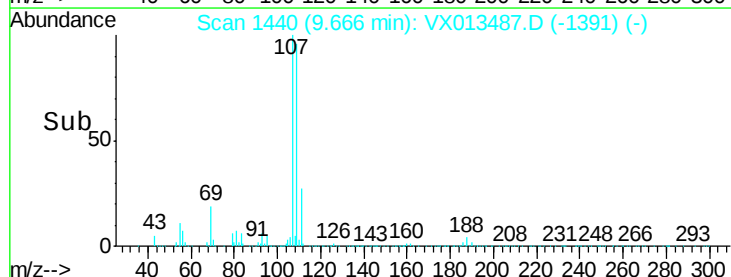
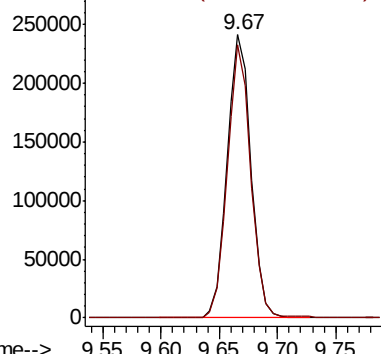
107 100

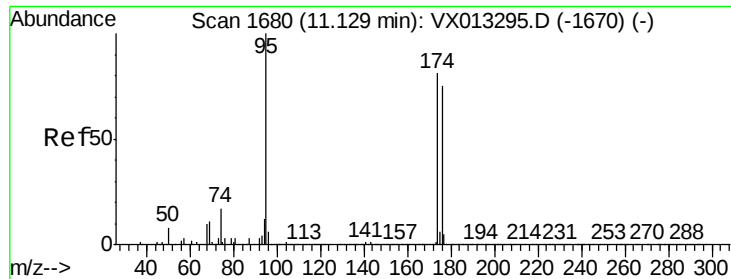
109 94.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





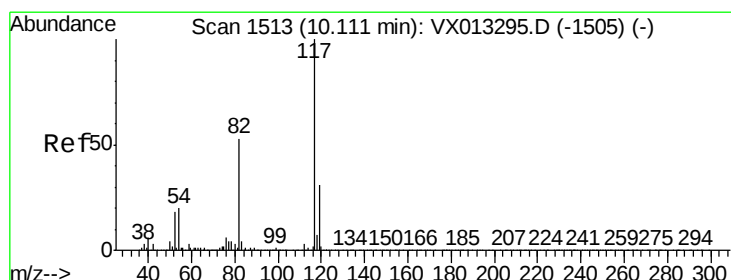
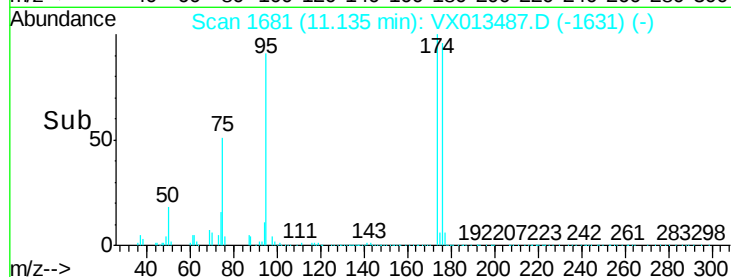
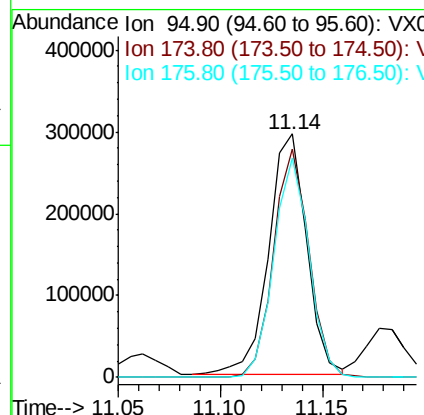
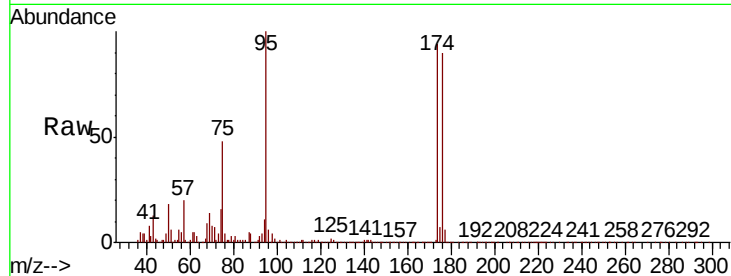
#62
4-Bromofluorobenzene
Concen: 50.505 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	383679		
174	87.8	0.0	179.8	
176	84.6	0.0	173.0	

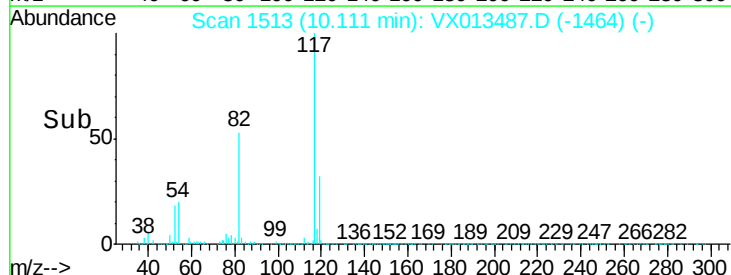
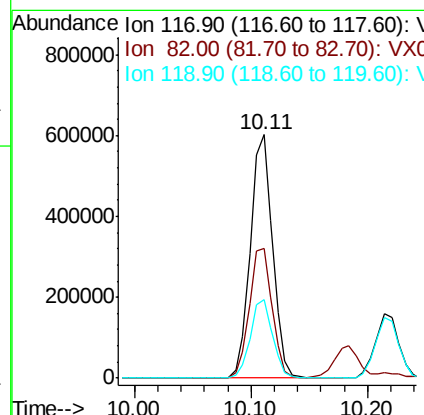
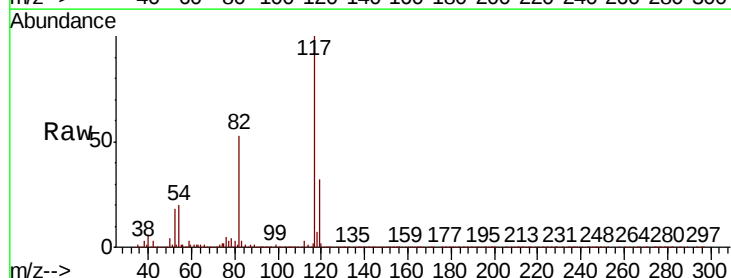
Manual Integrations
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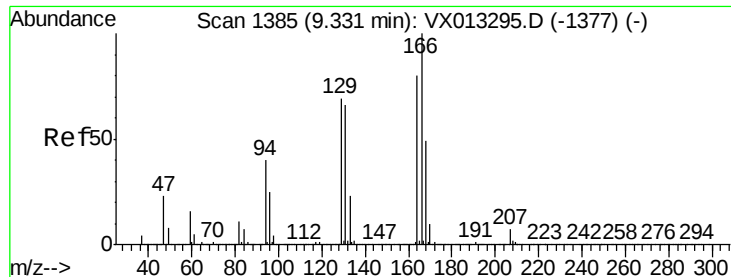
MMDadoda
11/22/2019 12:54:28 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	804329		
82	53.1	42.6	64.0	
119	32.3	24.8	37.2	





#64

Tetrachloroethene

Concen: 49.935 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

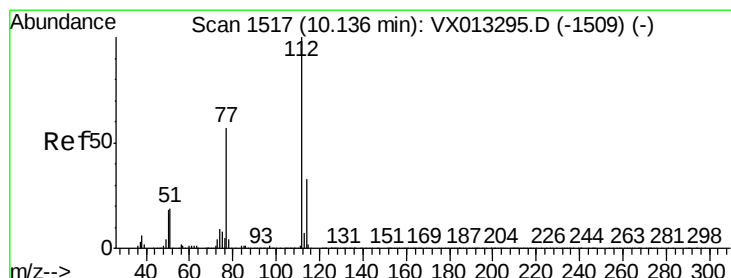
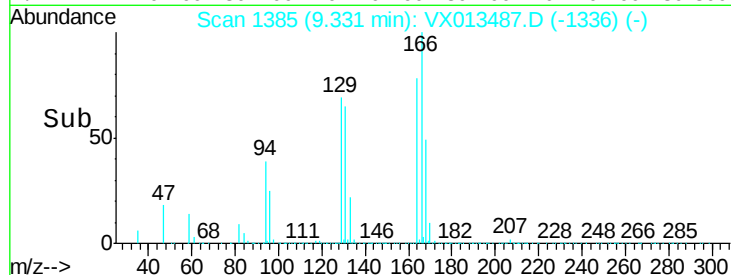
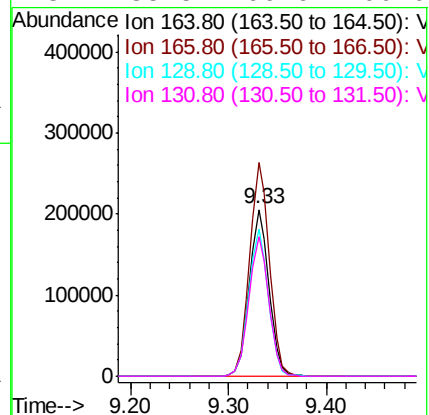
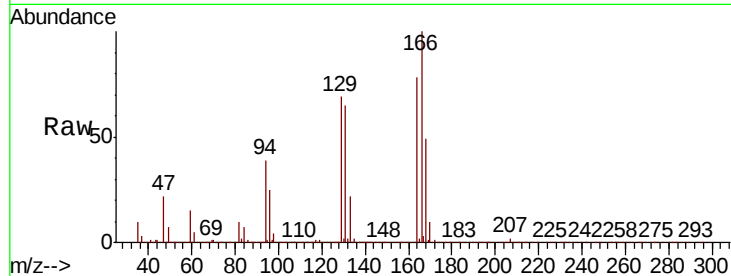
ClientSampleId :

MW-3MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.9	100.4	150.6	
129	88.5	69.4	104.2	
131	83.5	66.6	100.0	

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#65

Chlorobenzene

Concen: 52.556 ug/l

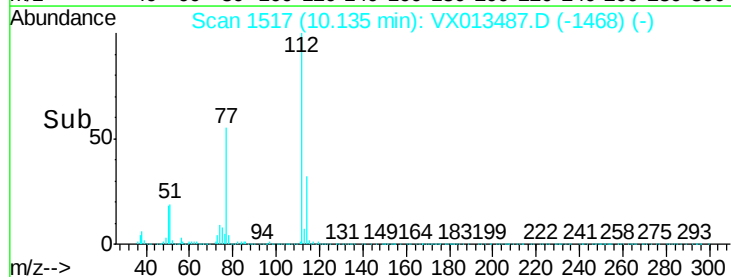
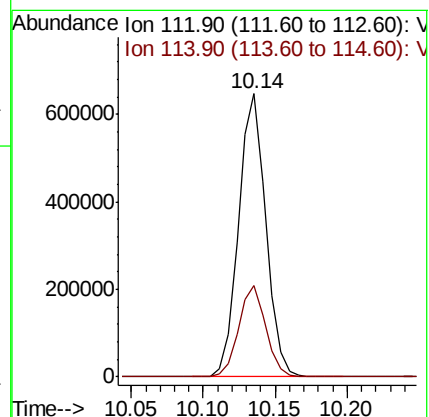
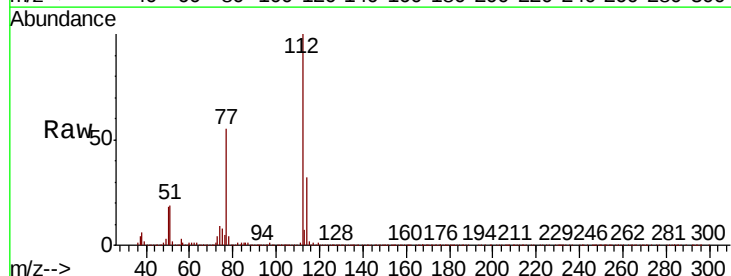
RT: 10.14 min Scan# 1517

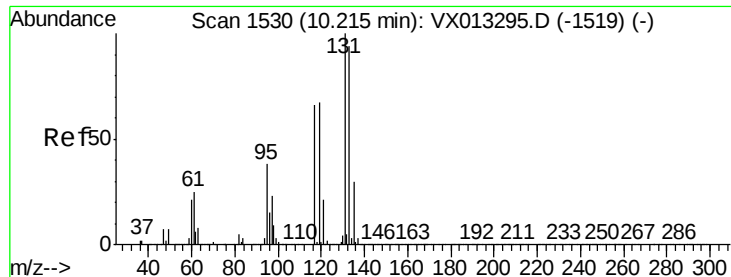
Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.1	26.4	39.6	





#66

1,1,1,2-Tetrachloroethane

Concen: 53.797 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

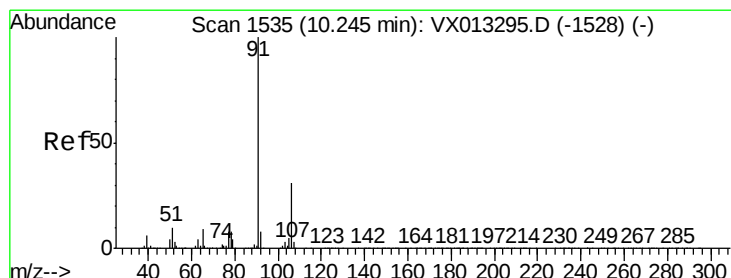
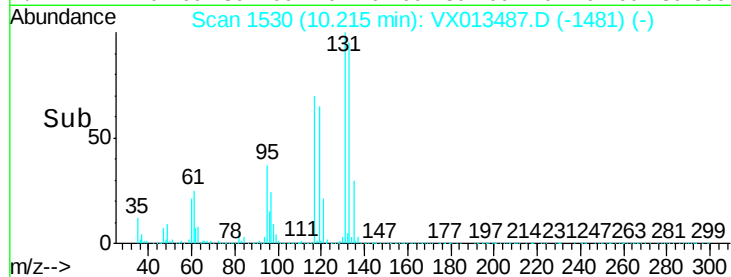
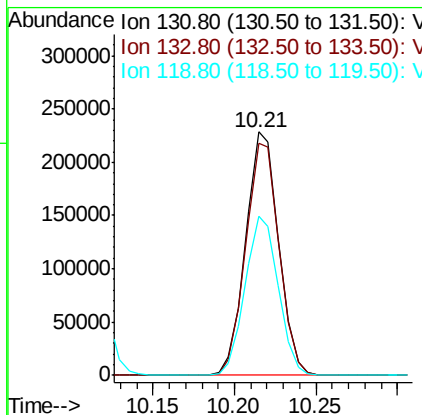
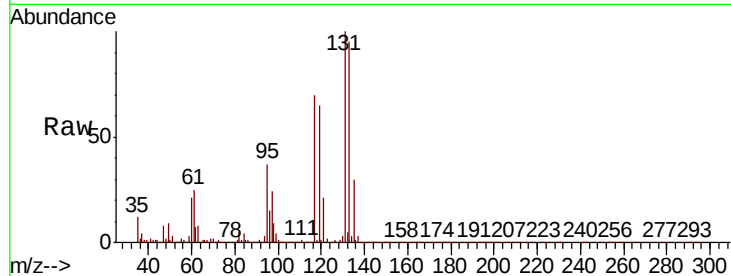
ClientSampleId :

MW-3MS

Tot Ion:	131	Resp:	321657
Ion Ratio	Lower	Upper	
131	100		
133	96.8	48.0	144.0
119	66.0	33.0	99.0

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#67

Ethyl Benzene

Concen: 244.960 ug/l

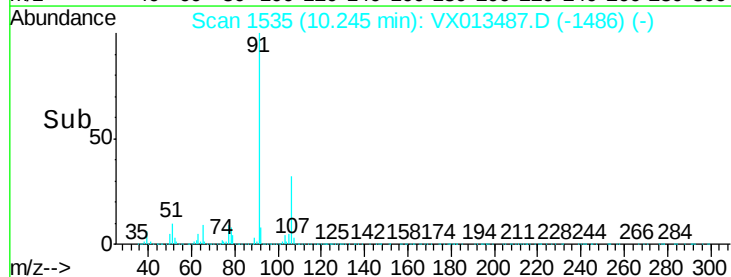
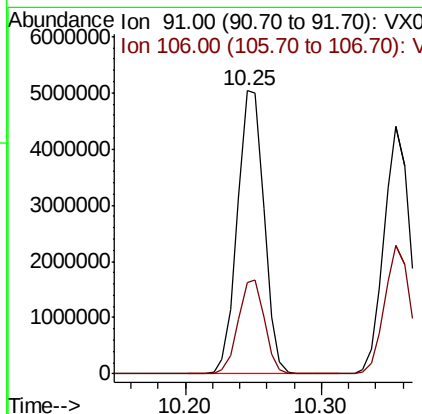
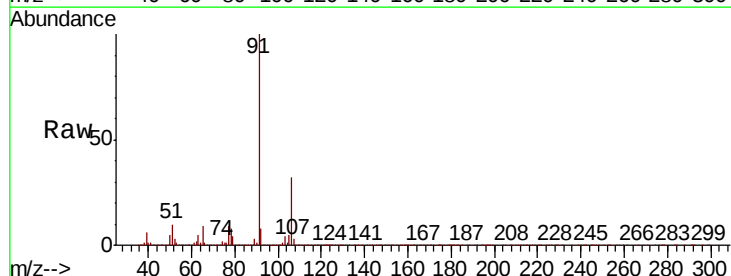
RT: 10.25 min Scan# 1535

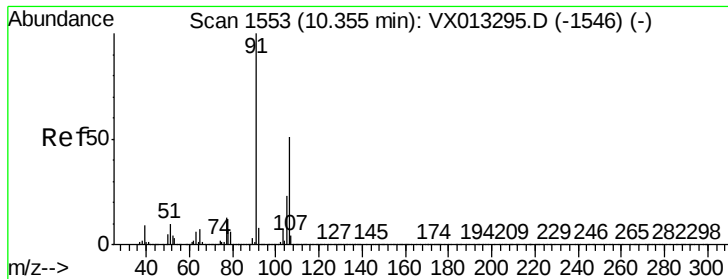
Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion:	91	Resp:	6884457
Ion Ratio	Lower	Upper	
91	100		
106	32.5	24.6	36.8





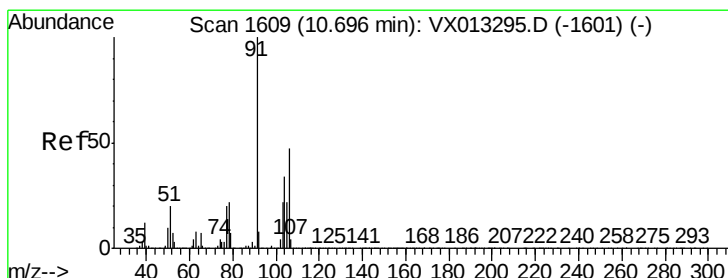
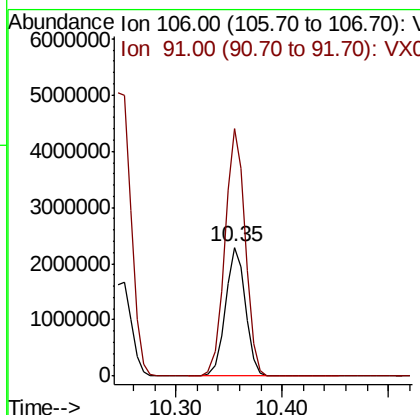
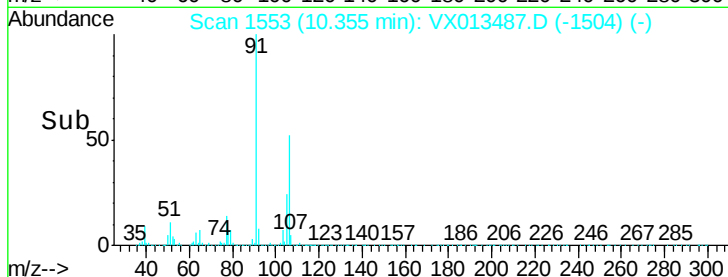
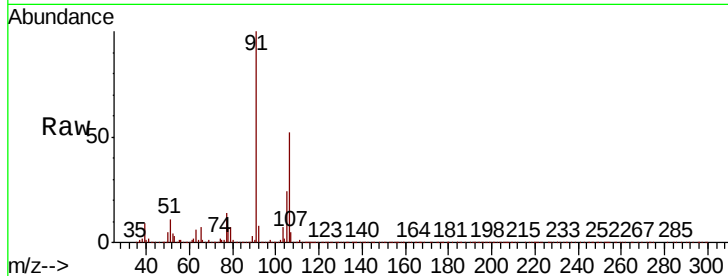
#68
m/p-Xylenes
Concen: 282.999 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion:106 Resp: 3007962
Ion Ratio Lower Upper
106 100
91 195.3 159.3 238.9

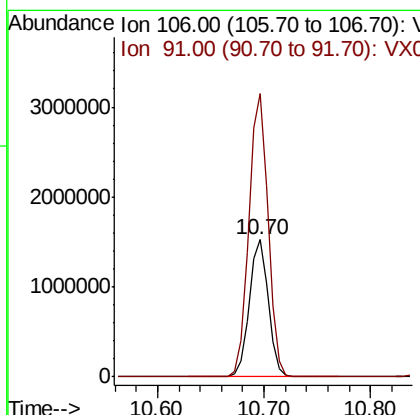
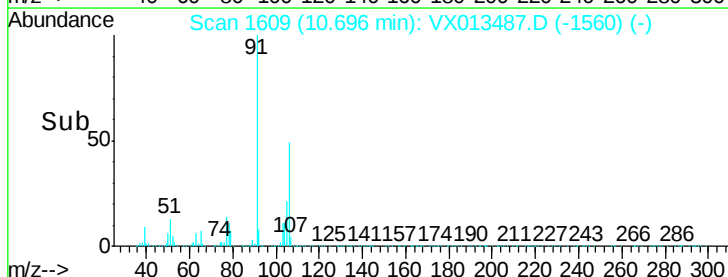
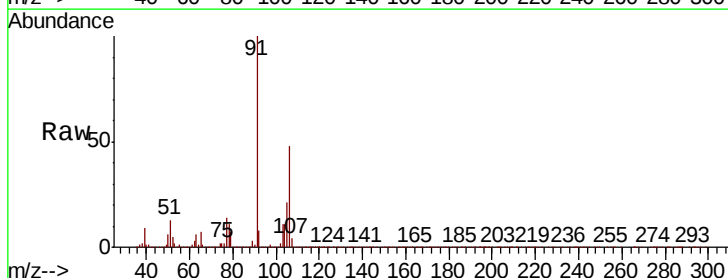
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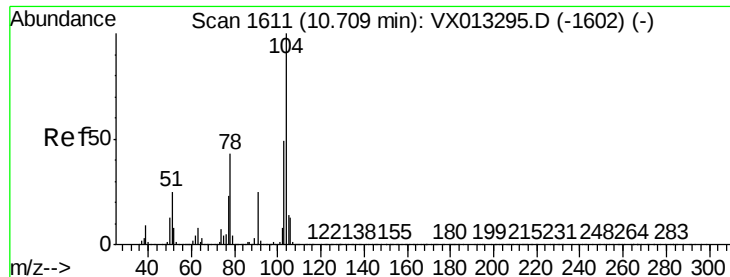
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#69
o-Xylene
Concen: 183.939 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion:106 Resp: 1914065
Ion Ratio Lower Upper
106 100
91 208.5 105.7 317.0





#70

Stvrene

Concen: 59.551 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion:104 Resp: 1035889

Ion Ratio Lower Upper

104 100

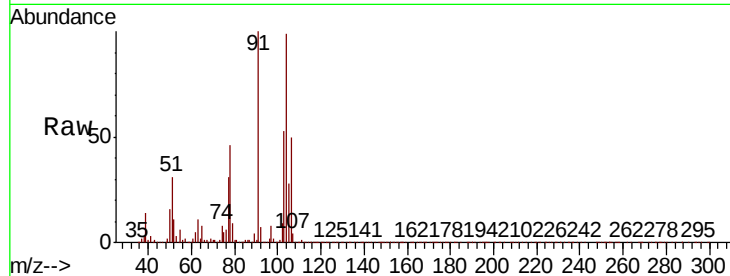
78 63.8 40.0 60.0#

103 68.3 44.1 66.1#

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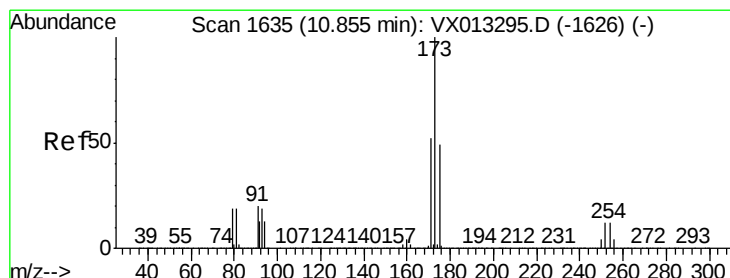
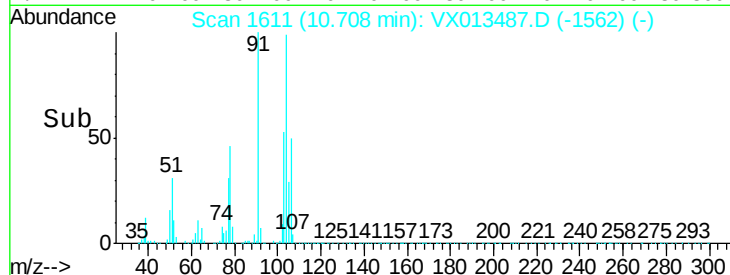
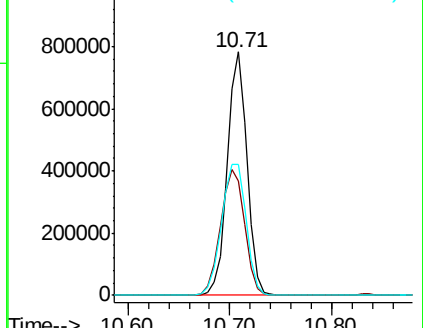
11/22/2019 12:54:28 AM



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.369 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

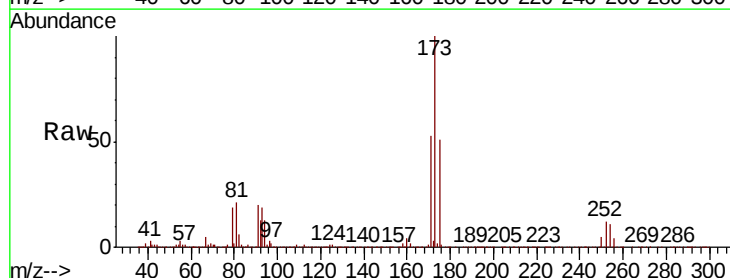
Tgt Ion:173 Resp: 279372

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.4

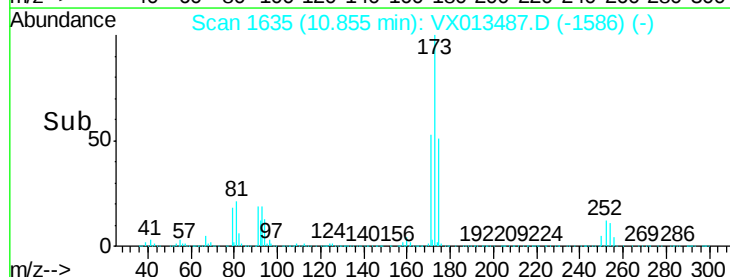
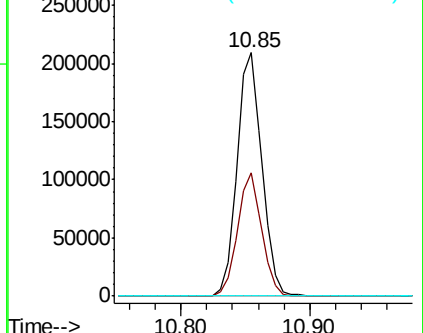
254 0.2 0.2 0.2

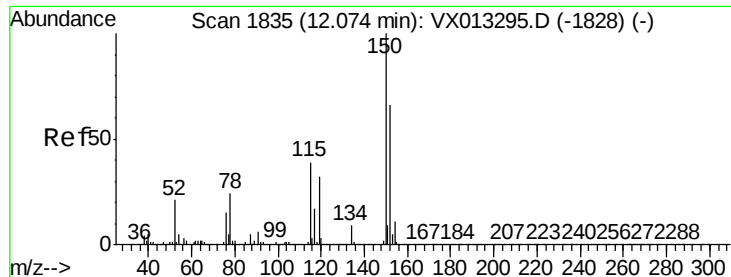


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

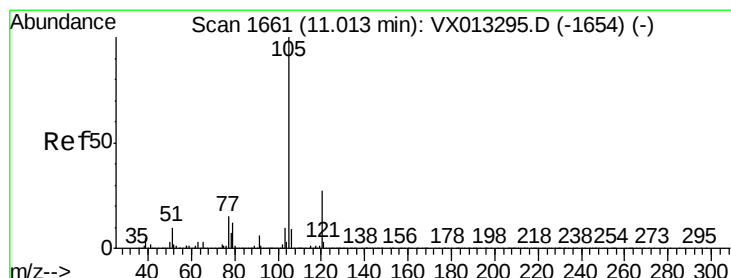
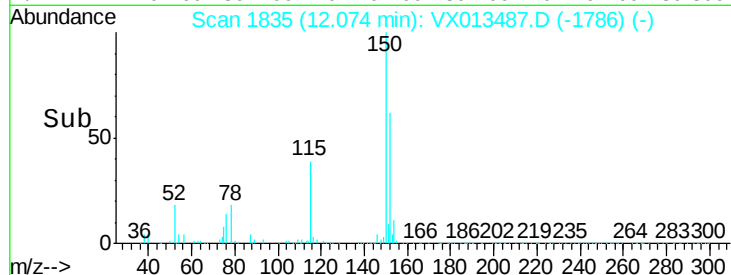
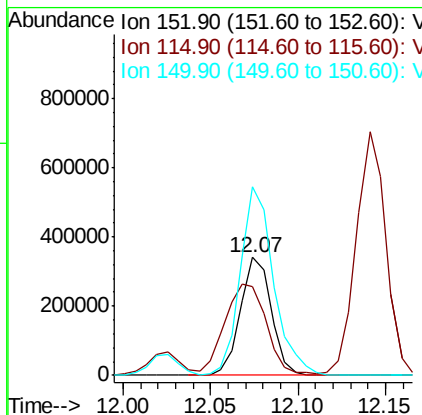
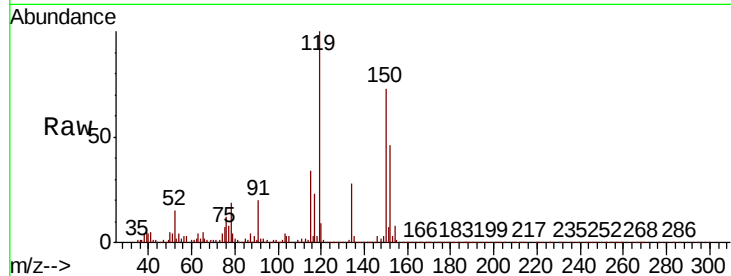
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	102.1	39.5	118.3
150	173.1	0.0	344.4

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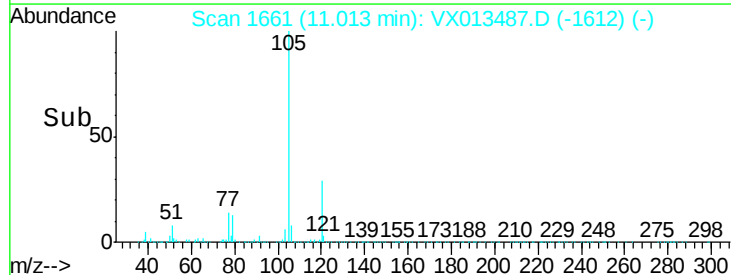
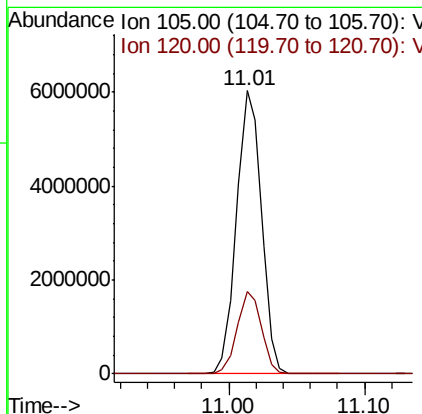
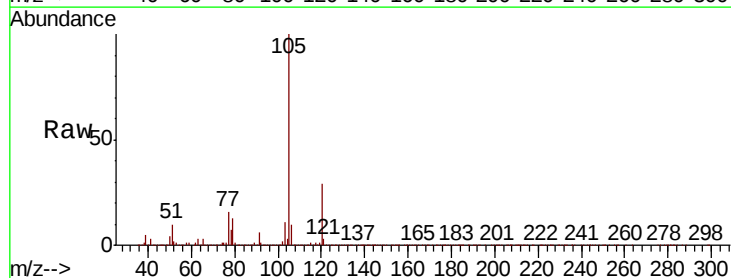
MMDadoda
11/22/2019 12:54:28 AM

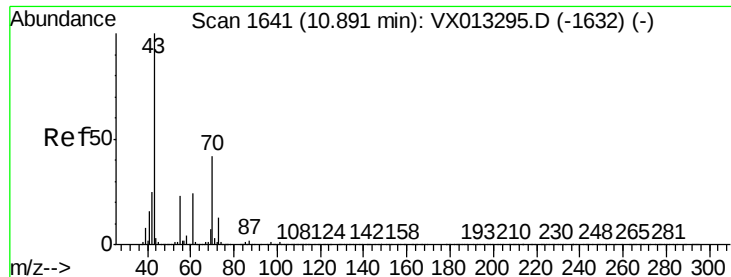


#73

Isopropylbenzene
Concen: 277.835 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.3	13.5	40.5





#74

N-amvl acetate

Concen: 62.968 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

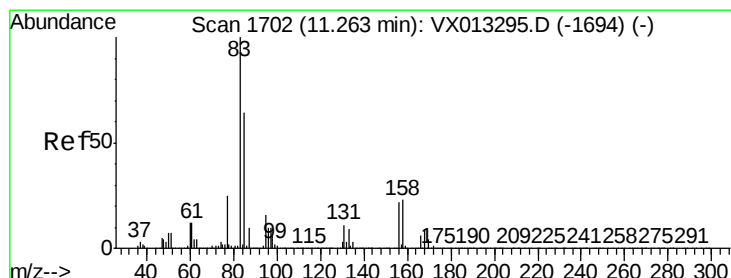
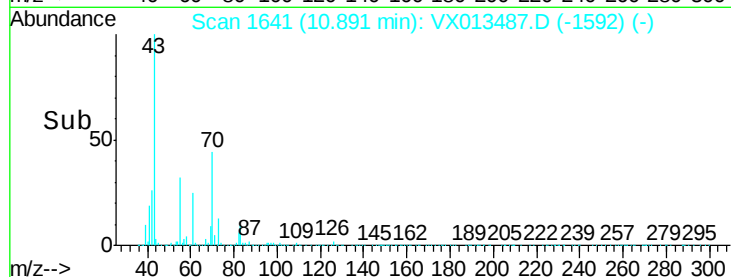
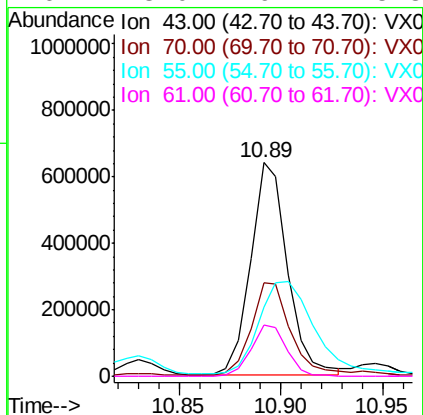
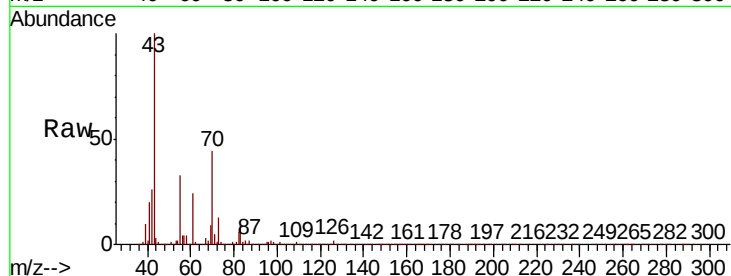
ClientSampleId :

MW-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	48.9	34.1	51.1		
55	64.8	18.9	28.3		
61	23.0	19.2	28.8		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 58.567 ug/l

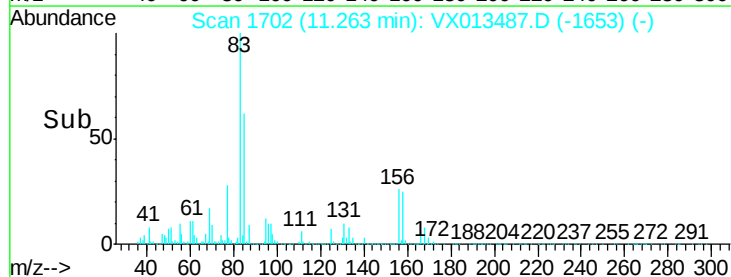
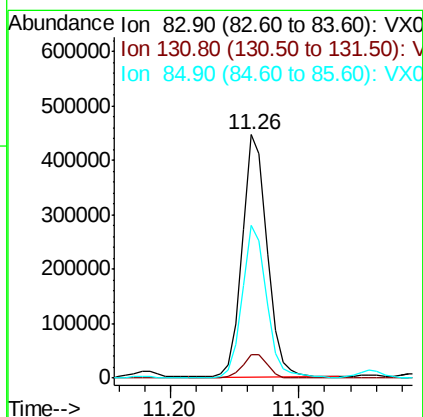
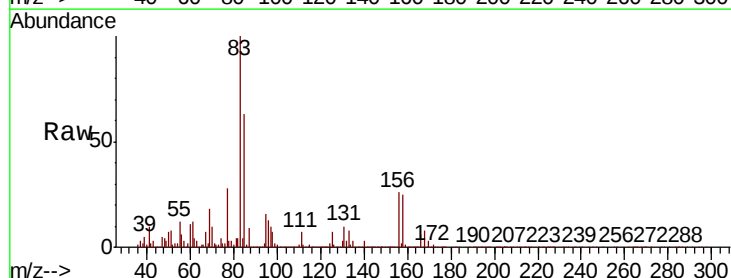
RT: 11.26 min Scan# 1702

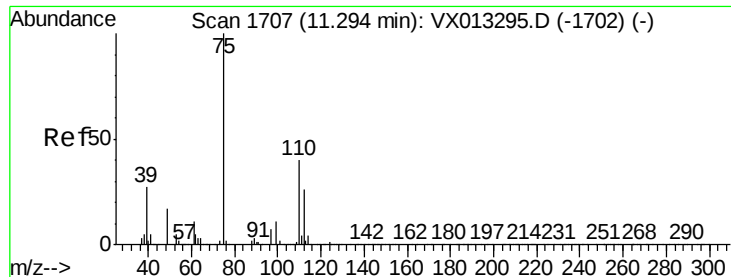
Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	9.8	5.1	15.3		
85	61.8	32.3	96.8		





#76

1,2,3-Trichloropropane

Concen: 58.018 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 75 Resp: 491935

Ion Ratio Lower Upper

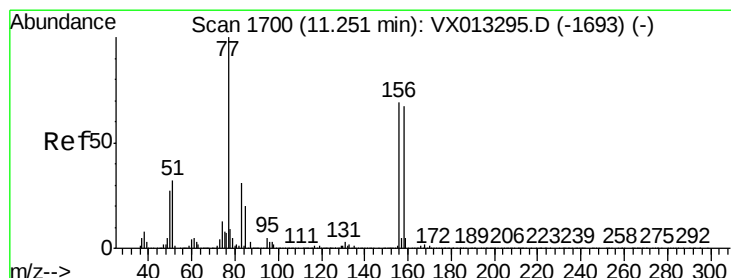
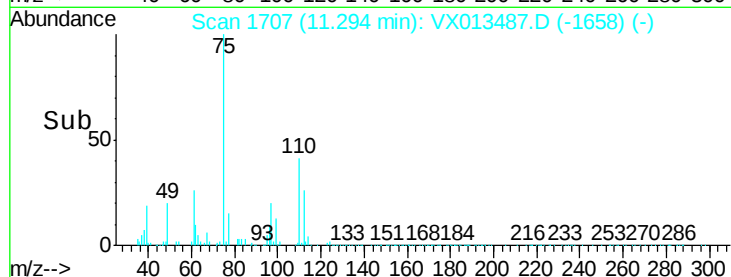
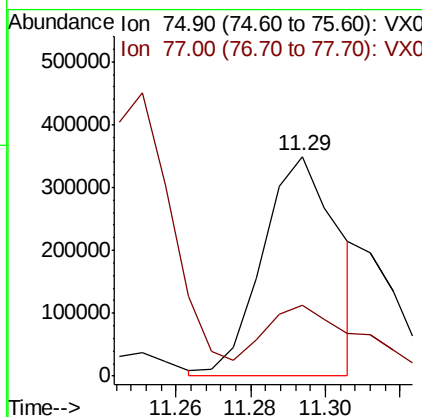
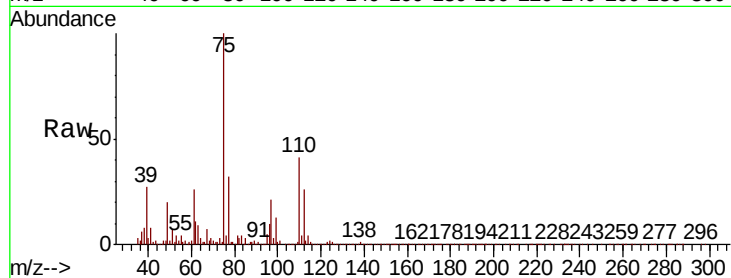
75 100

77 40.7 22.3 66.8

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#77

Bromobenzene

Concen: 54.457 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

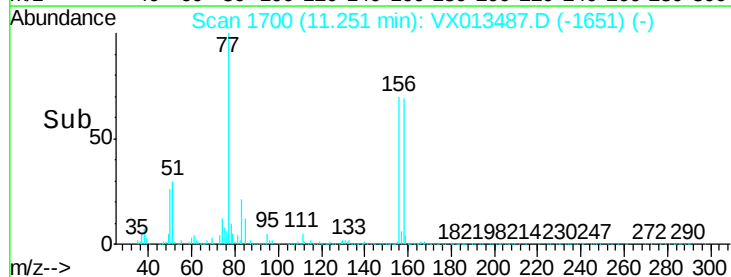
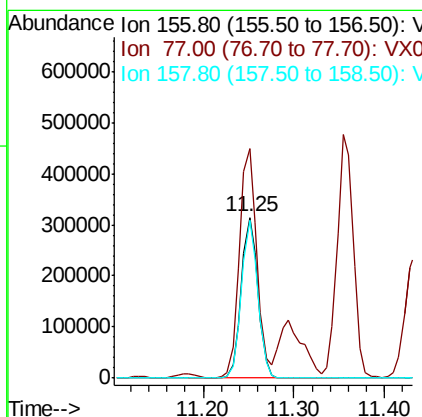
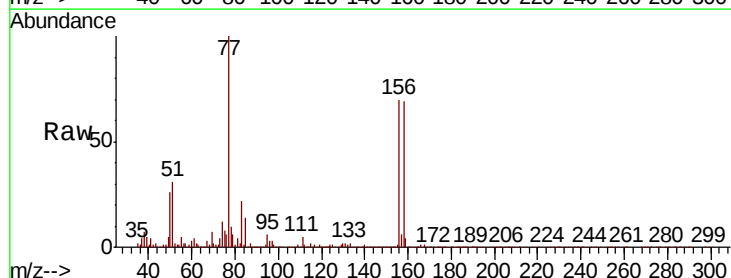
Tgt Ion: 156 Resp: 401807

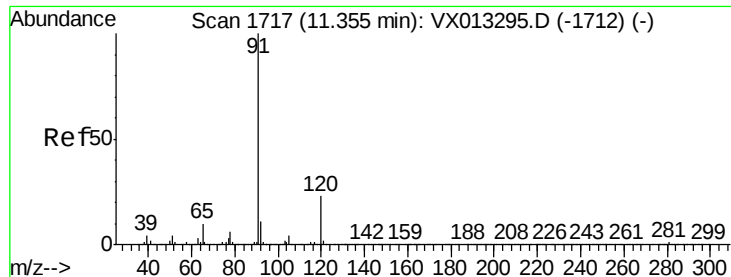
Ion Ratio Lower Upper

156 100

77 147.7 75.8 227.4

158 96.1 47.6 142.8





#78

n-propylbenzene

Concen: 399.702 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 91 Resp:12323294

Ion Ratio Lower Upper

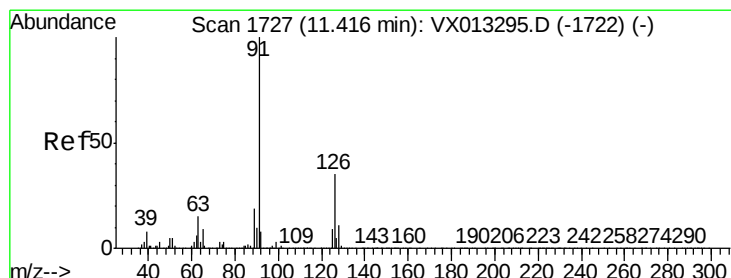
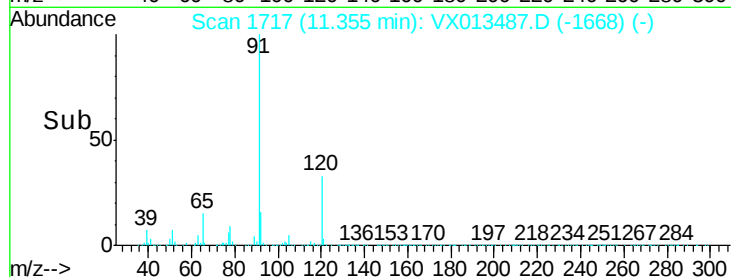
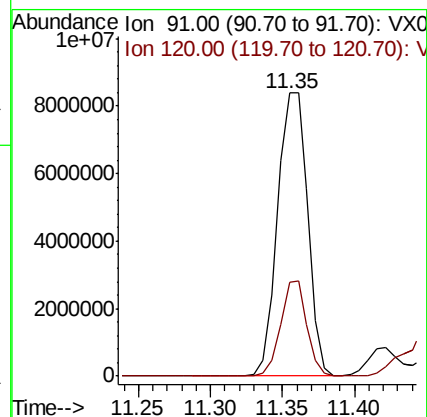
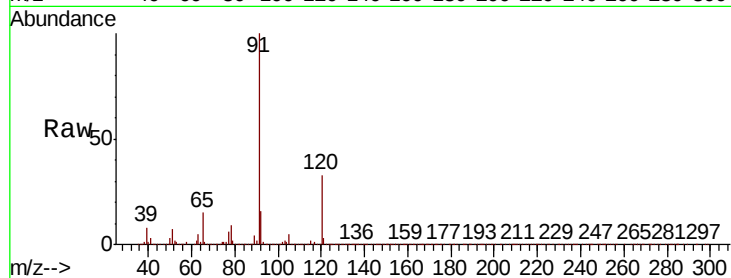
91 100

120 29.0 11.6 34.8

Manual Integrations
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#79

2-Chlorotoluene

Concen: 70.514 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX013487.D

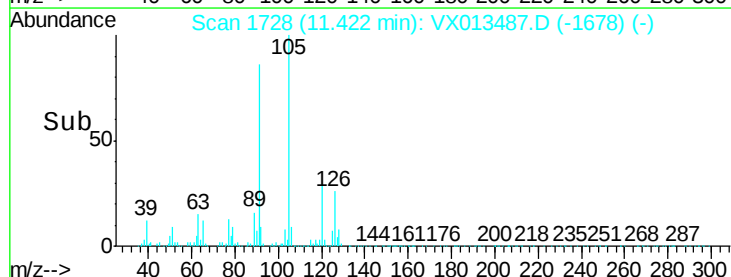
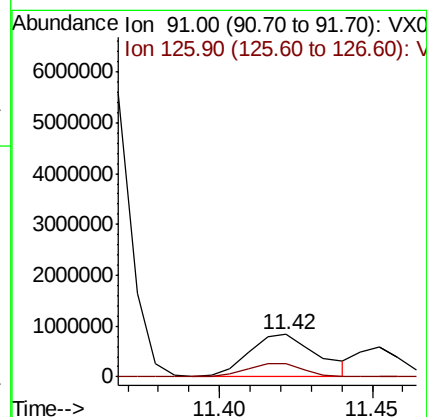
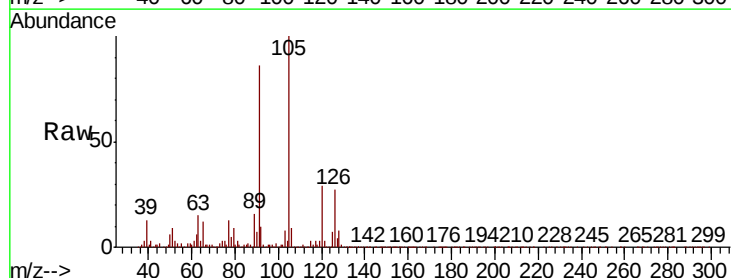
Acq: 20 Nov 2019 19:05

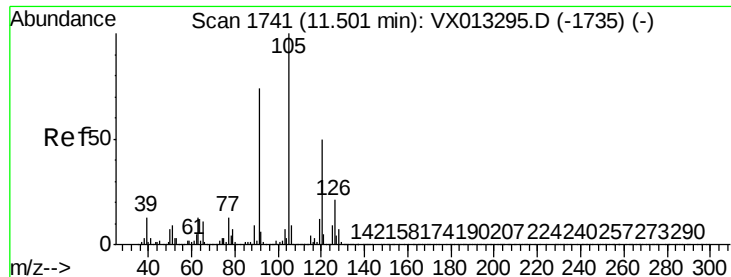
Tgt Ion: 91 Resp: 1309841

Ion Ratio Lower Upper

91 100

126 26.1 17.3 52.0





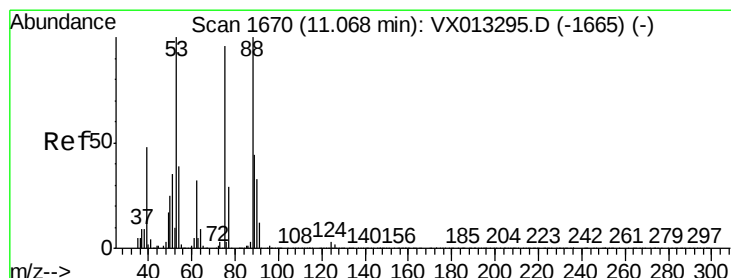
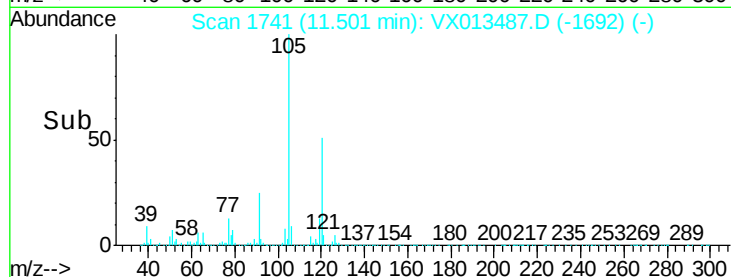
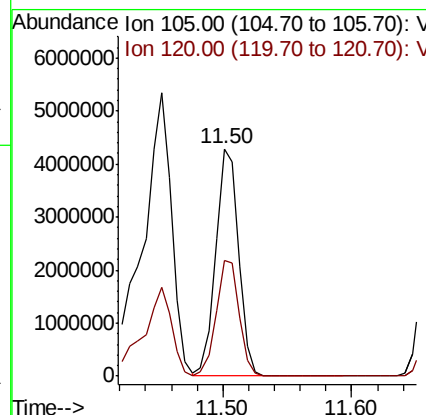
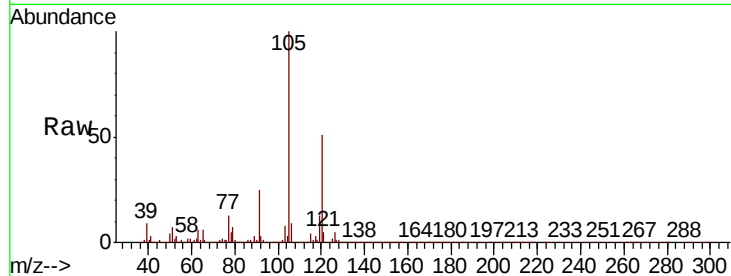
#80
 1,3,5-Trimethylbenzene
 Concen: 232.437 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Tot Ion:105 Resp: 5358597
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.8

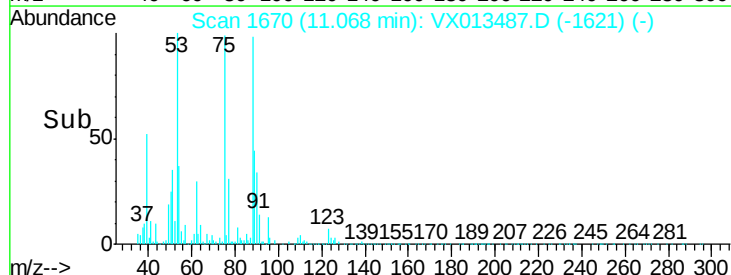
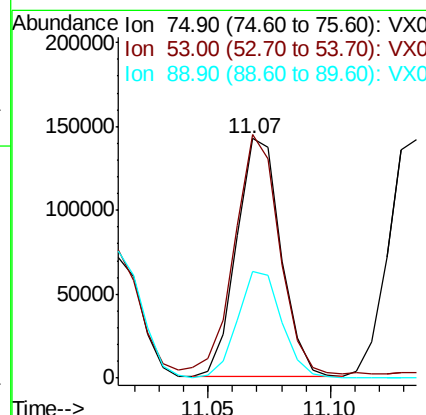
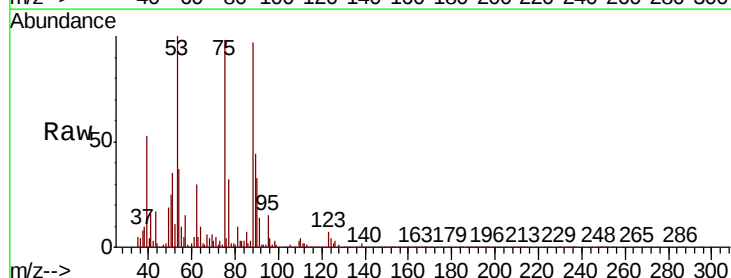
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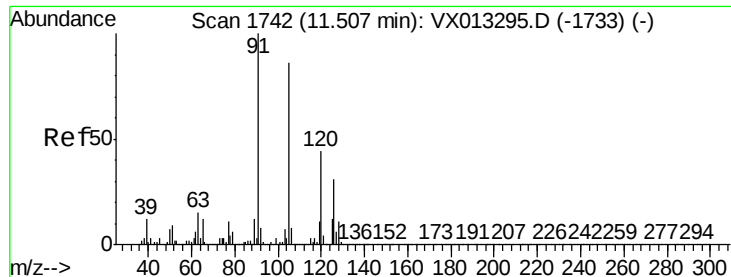
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.247 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Tgt Ion: 75 Resp: 178696
 Ion Ratio Lower Upper
 75 100
 53 101.6 81.0 121.6
 89 44.5 36.0 54.0





#82

4-Chlorotoluene

Concen: 72.177 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion: 91 Resp: 1569467

Ion Ratio Lower Upper

91 100

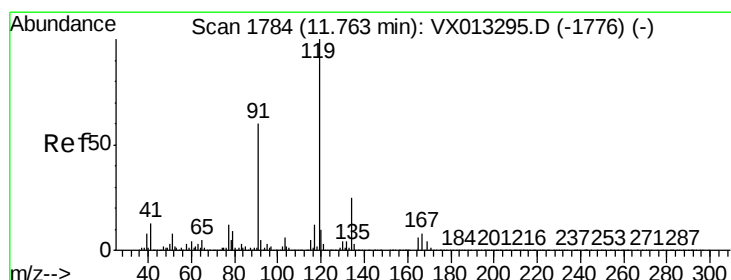
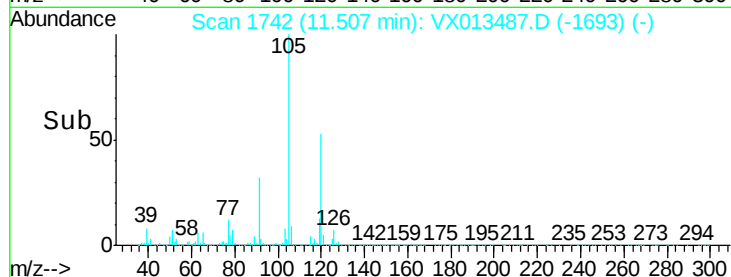
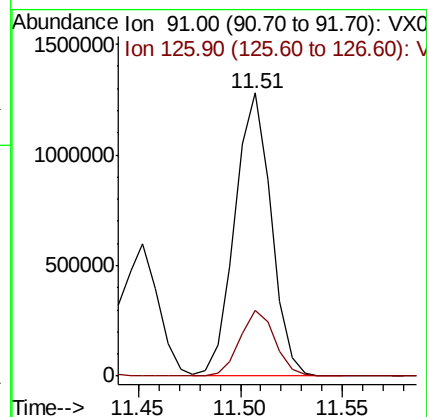
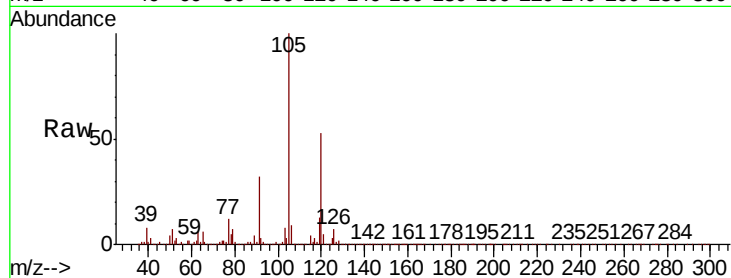
126 22.6 15.3 45.8

Manual Integrations

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#83

tert-Butylbenzene

Concen: 80.022 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

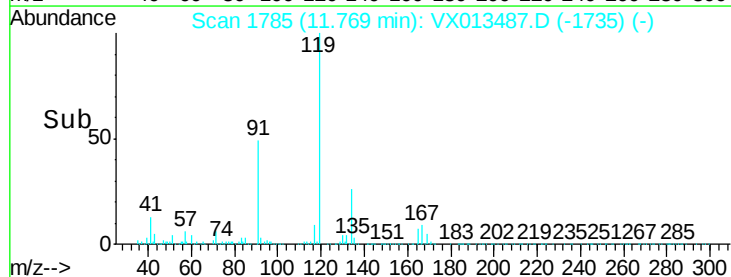
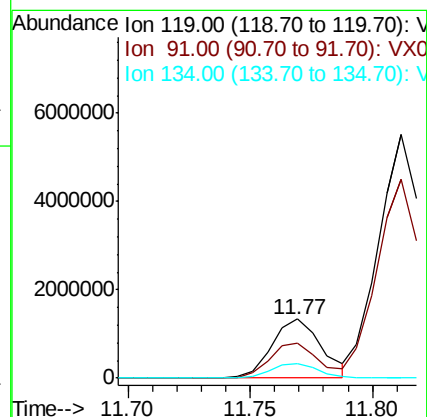
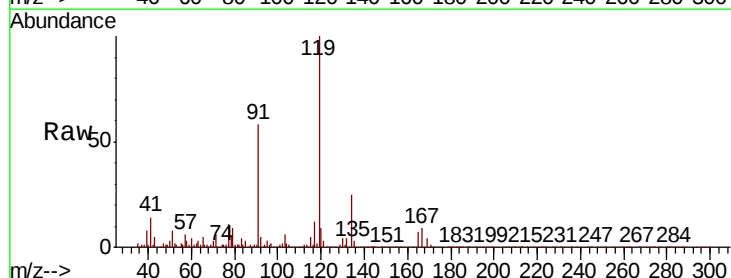
Tgt Ion: 119 Resp: 1857074

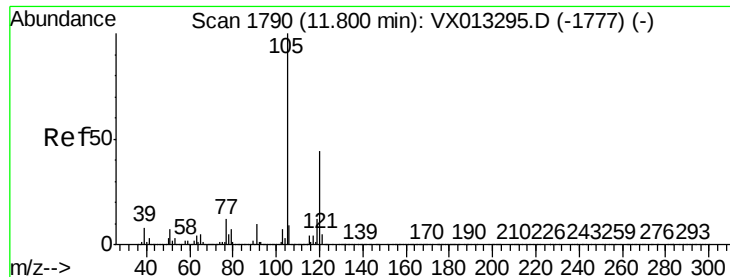
Ion Ratio Lower Upper

119 100

91 59.3 26.9 80.7

134 24.0 11.7 35.1





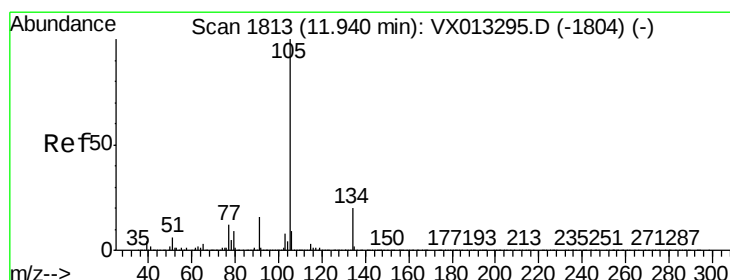
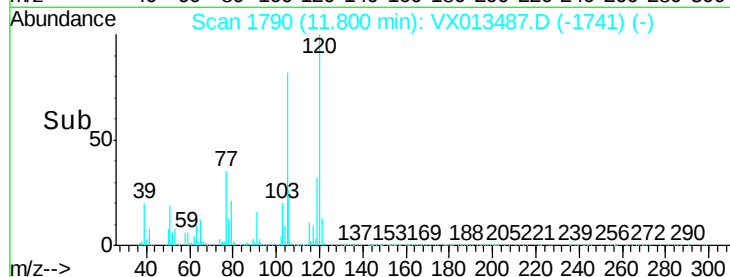
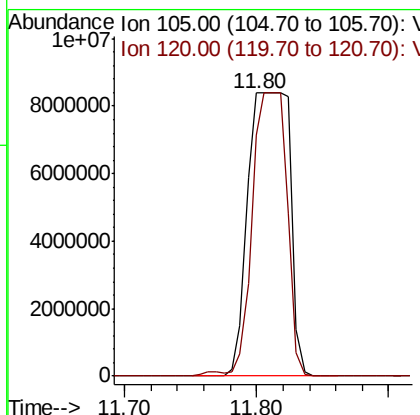
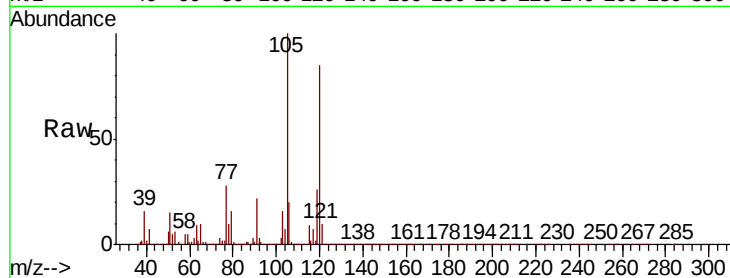
#84
 1,2,4-Trimethylbenzene
 Concen: 807.143 ug/l m
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Tot Ion:105 Resp:18666357
 Ion Ratio Lower Upper
 105 100
 120 8.5 22.7 68.1#

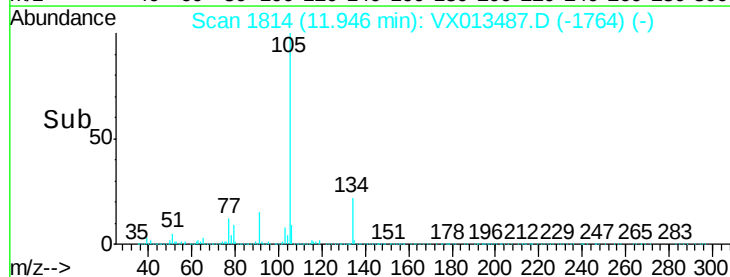
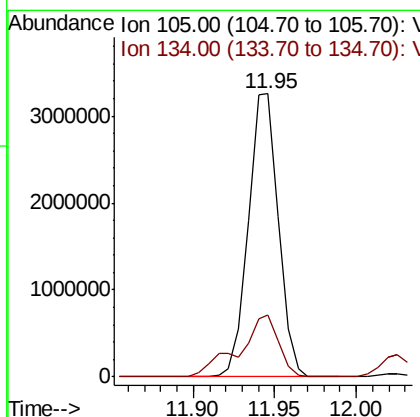
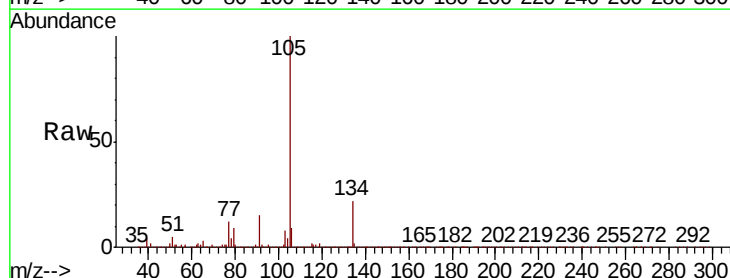
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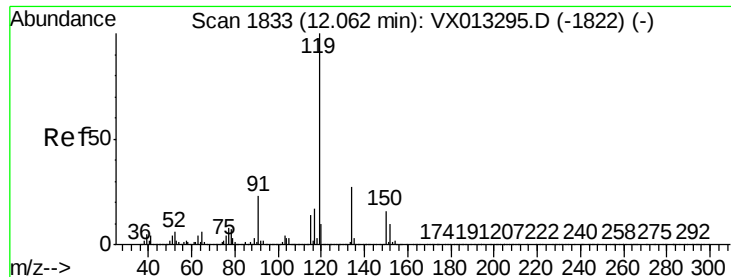
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#85
 sec-Butylbenzene
 Concen: 157.207 ug/l
 RT: 11.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Tgt Ion:105 Resp: 4192985
 Ion Ratio Lower Upper
 105 100
 134 28.9 10.3 30.9





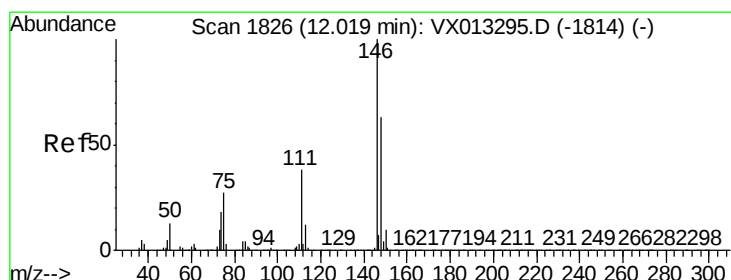
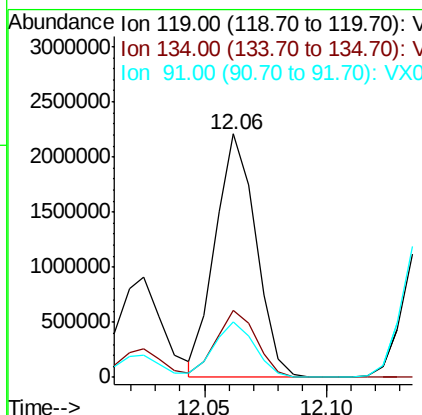
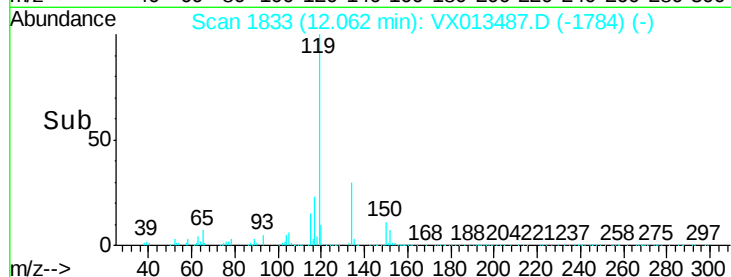
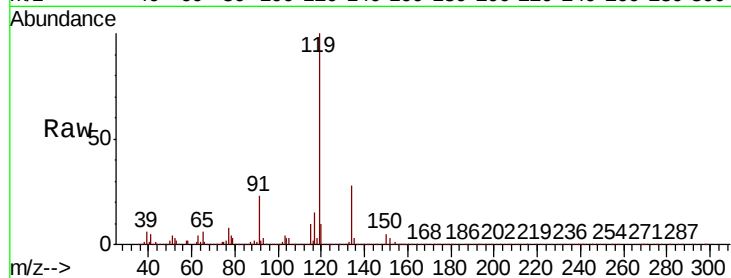
#86
p-Isopropyltoluene
Concen: 103.367 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Instrument :
MSVOA_X
ClientSampled :
MW-3MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.3	39.8
91	22.6	11.5	34.4

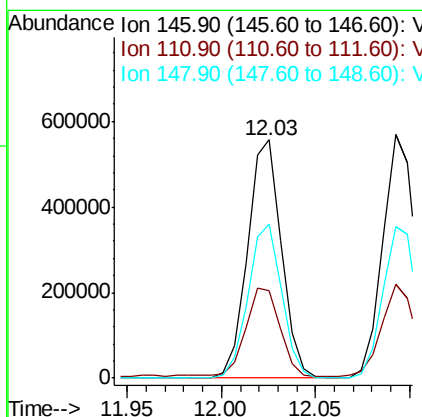
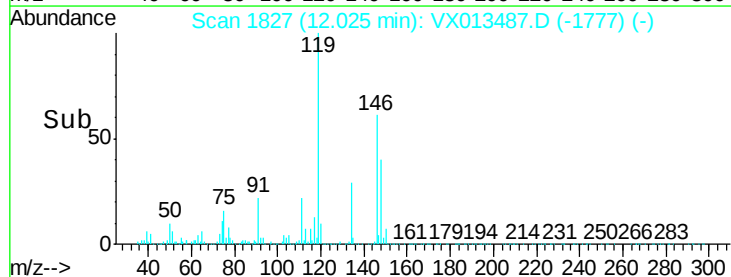
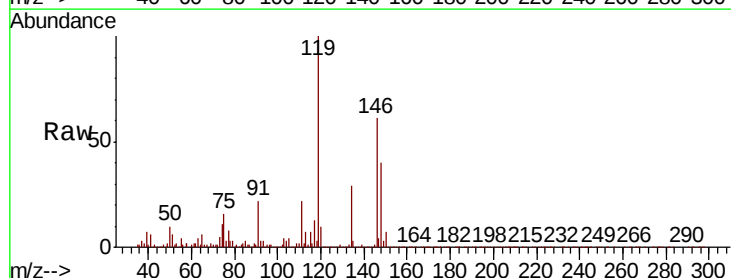
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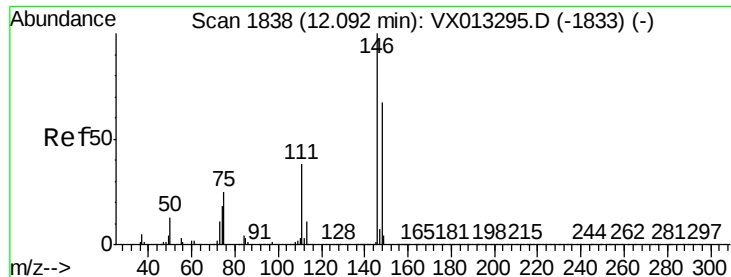
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#87
1,3-Dichlorobenzene
Concen: 52.432 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013487.D
Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.5
148	64.7	31.9	95.7





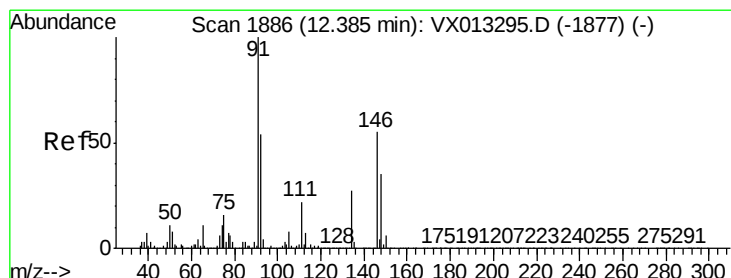
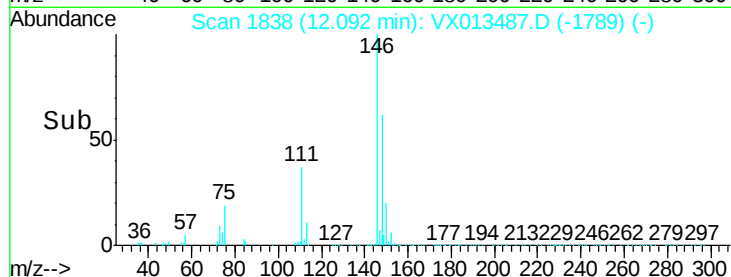
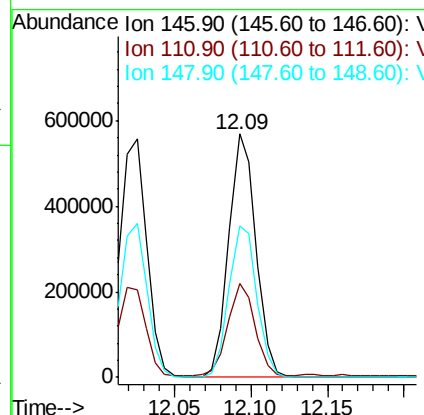
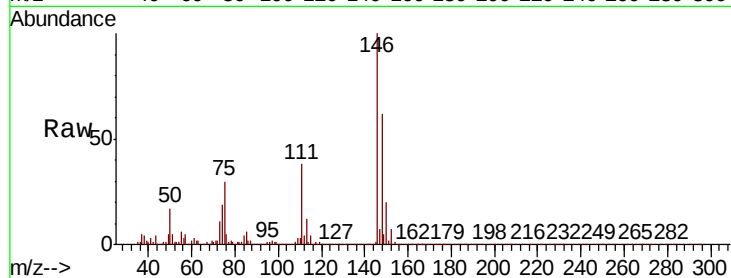
#88
 1,4-Dichlorobenzene
 Concen: 52.119 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.4
148	64.1	32.4	97.0

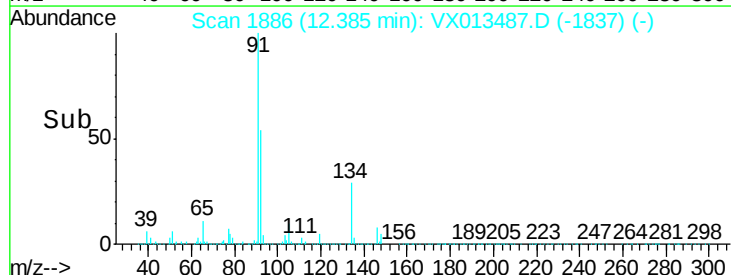
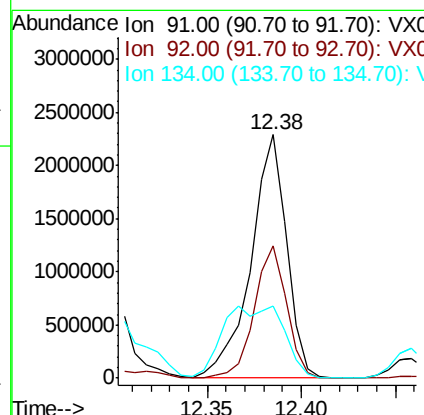
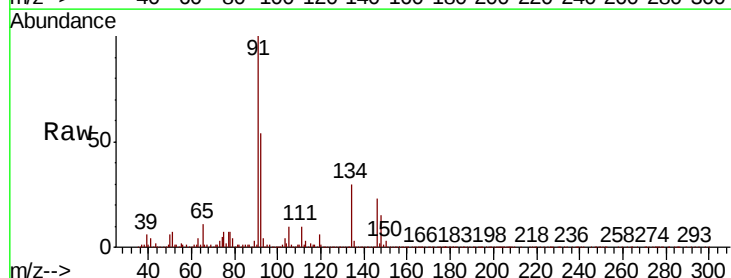
Manual Integrations
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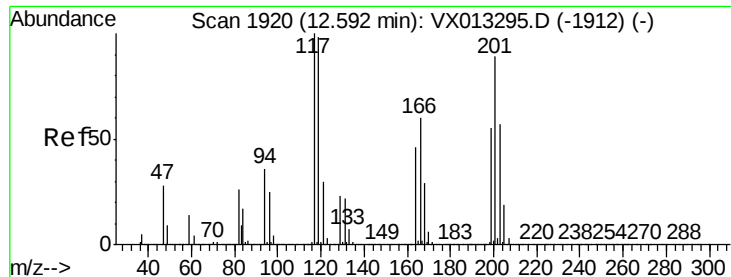
MMDadoda
 11/22/2019 12:54:28 AM



#89
 n-Butylbenzene
 Concen: 140.027 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.1	27.3	81.8
134	50.8	13.5	40.5





#90

Hexachloroethane

Concen: 136.004 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3MS

Tot Ion:117 Resp: 595139

Ion Ratio Lower Upper

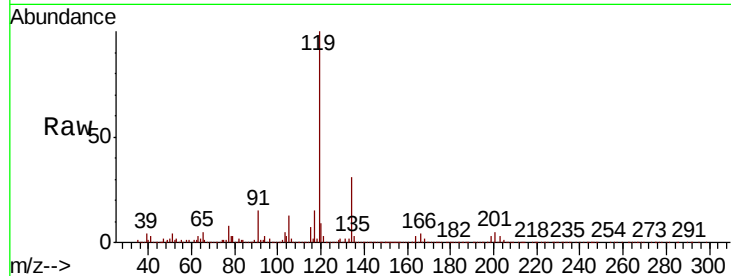
117 100

201 33.8 43.9 131.7#

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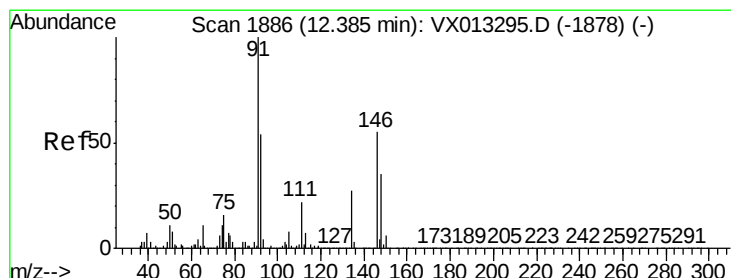
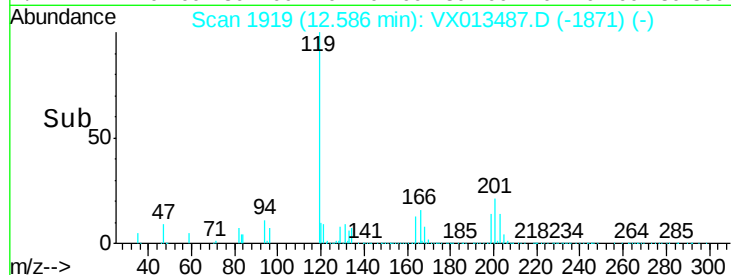
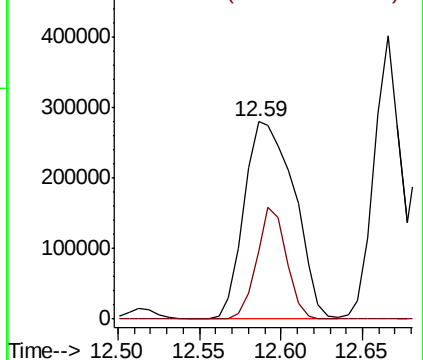
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 52.867 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

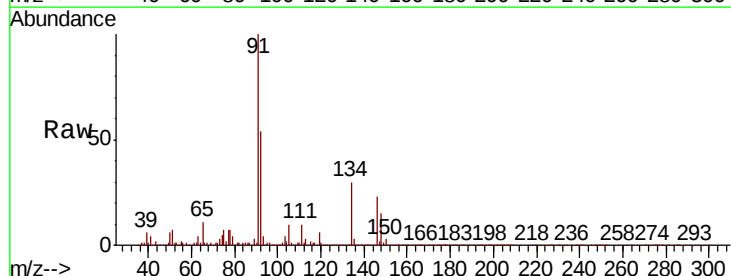
Tgt Ion:146 Resp: 695037

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

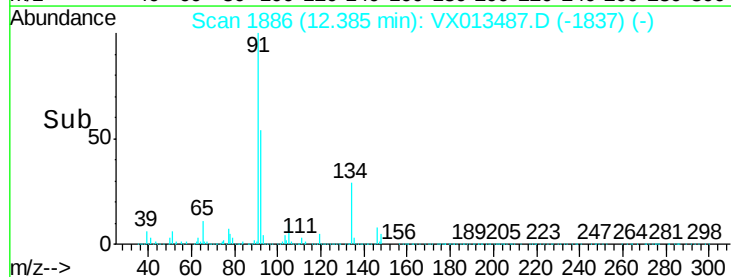
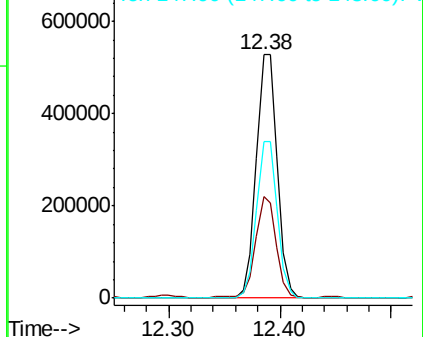
148 64.0 32.0 96.0

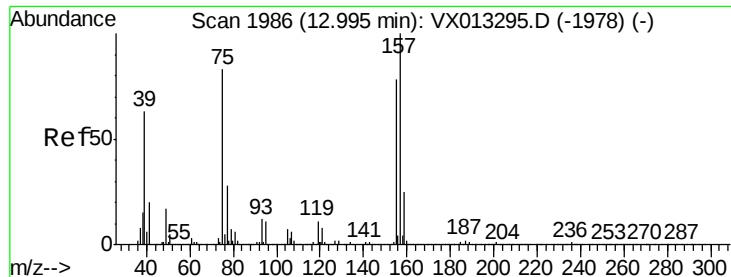


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





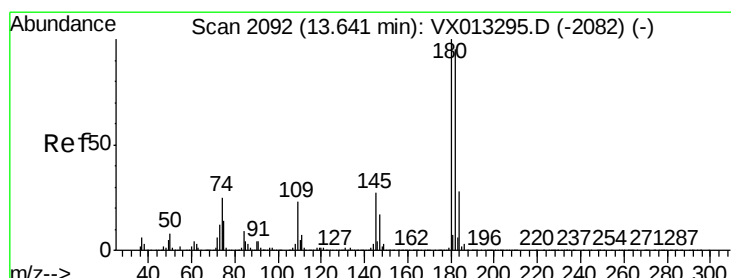
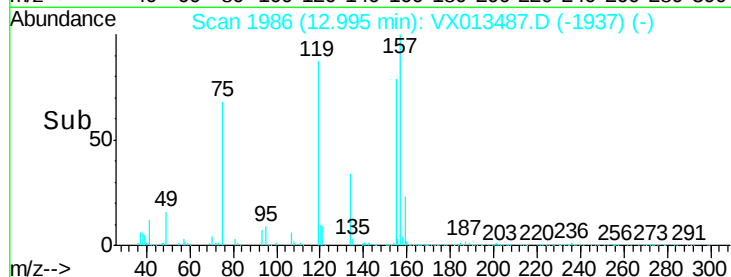
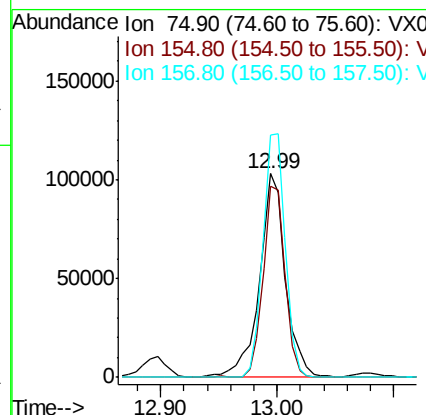
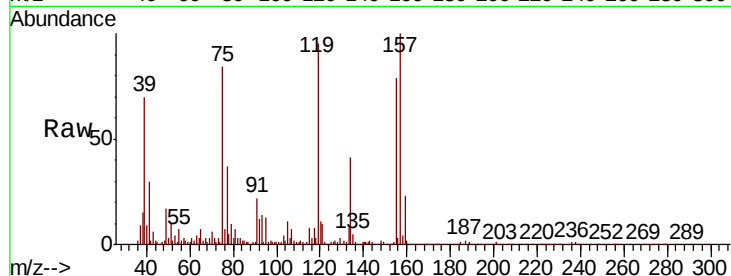
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.384 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	79.7	47.1	141.4
157	103.6	61.3	183.8

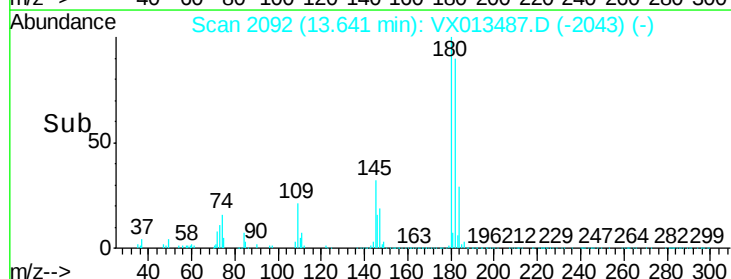
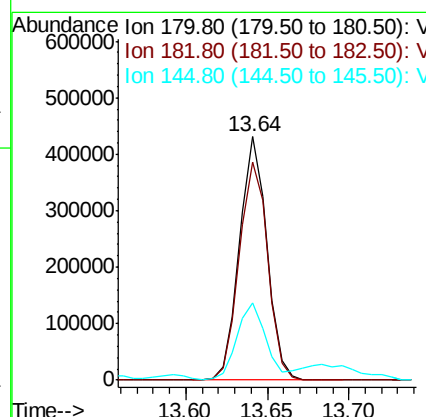
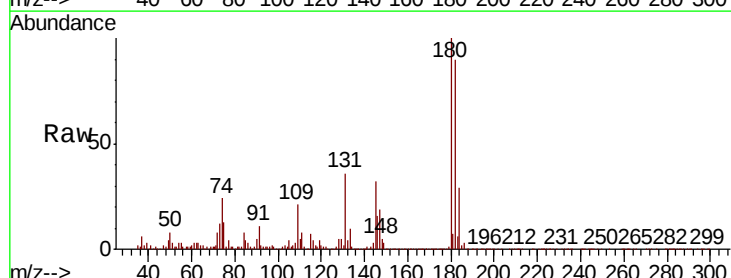
Manual Integrations
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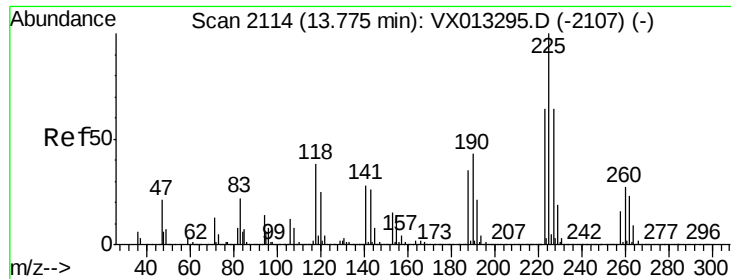
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#93
 1,2,4-Trichlorobenzene
 Concen: 54.875 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.4	145.0
145	34.4	14.1	42.4





#94

Hexachlorobutadiene

Concen: 46.831 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Instrument :

MSVOA_X

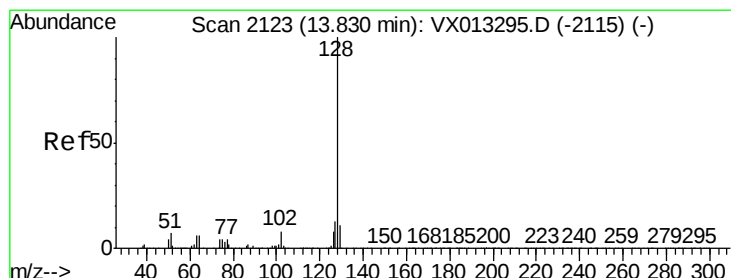
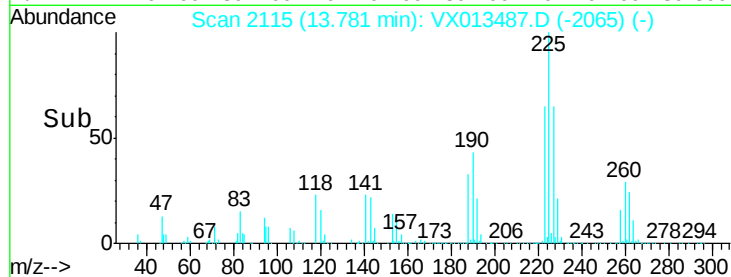
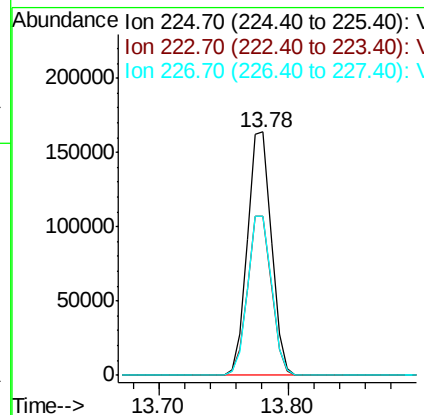
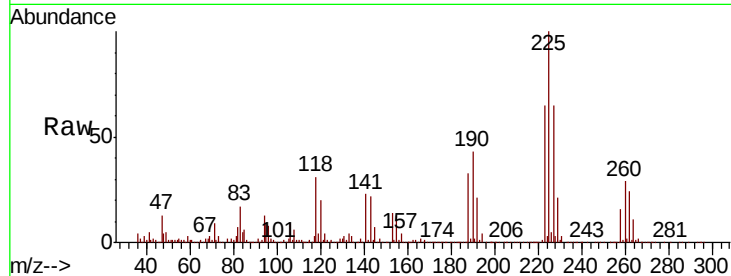
ClientSampleId :

MW-3MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.9	95.7
227	65.2	31.9	95.9

Manual Integrations
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11/22/2019 12:54:28 AM



#95

Naphthalene

Concen: 124.991 ug/l

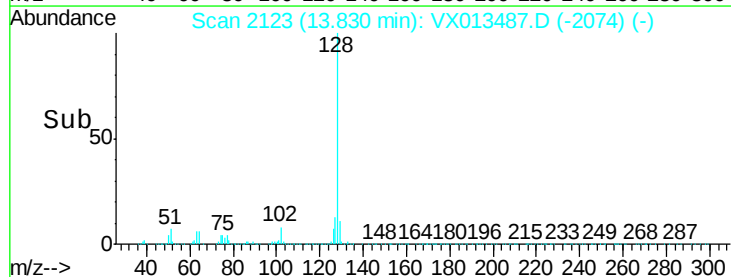
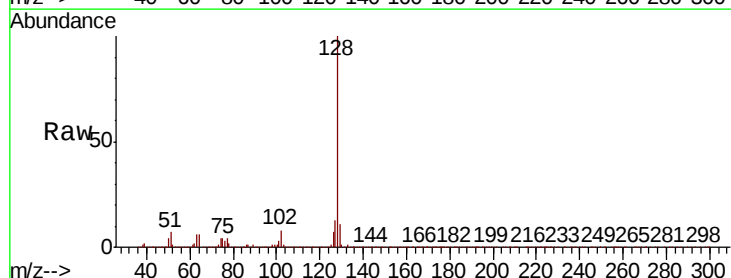
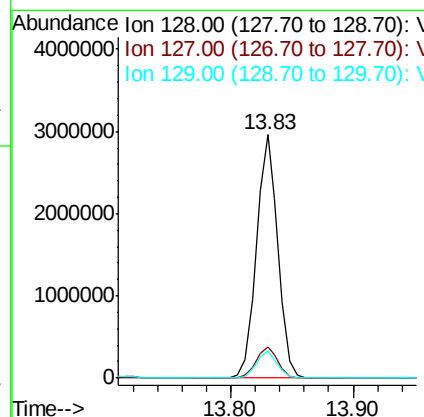
RT: 13.83 min Scan# 2123

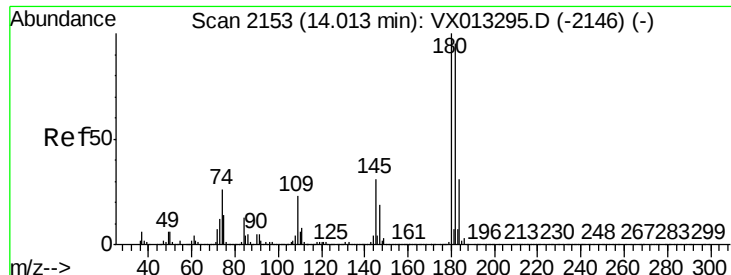
Delta R.T. -0.00 min

Lab File: VX013487.D

Acq: 20 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.5	12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 54.111 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013487.D
 Acq: 20 Nov 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	48.0	144.2
145	33.0	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:54:28 AM

