

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112019\
 Data File : VX013488.D
 Acq On : 20 Nov 2019 19:28
 Operator : JC/SP
 Sample : K5958-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:54:29 AM

Quant Time: Nov 21 08:46:43 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	634698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	967654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	890339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	443411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	352693	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.48	113	293097	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	8.71	98	1098115	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.14	95	419114	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	301622	41.245	ug/l	99
3) Chloromethane	1.31	50	314319	39.634	ug/l	97
4) Vinyl Chloride	1.40	62	390662	43.270	ug/l	100
5) Bromomethane	1.62	94	239436	38.056	ug/l	98
6) Chloroethane	1.70	64	221783	42.801	ug/l	99
7) Trichlorofluoromethane	1.91	101	447565	41.959	ug/l	100
8) Diethyl Ether	2.18	74	212085	44.962	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279407	46.997	ug/l	98
10) Methyl Iodide	2.50	142	295393	40.131	ug/l	98
11) Tert butyl alcohol	3.05	59	614568	310.096	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274283	47.111	ug/l	97
13) Acrolein	2.28	56	221138	205.879	ug/l	98
14) Allyl chloride	2.72	41	520222	49.178	ug/l	95
15) Acrylonitrile	3.13	53	989024	267.157	ug/l	99
16) Acetone	2.44	43	929802	247.913	ug/l	99
17) Carbon Disulfide	2.56	76	660867	42.410	ug/l	100
18) Methyl Acetate	2.76	43	555809	53.679	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	993902	51.184	ug/l	99
20) Methylene Chloride	2.84	84	322610	46.556	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	290494	45.826	ug/l	99
22) Diisopropyl ether	3.84	45	1024068	50.144	ug/l	99
23) Vinyl Acetate	3.80	43	4201376	240.414	ug/l	100
24) 1,1-Dichloroethane	3.69	63	556019	48.669	ug/l	99
25) 2-Butanone	4.66	43	1491757	271.126	ug/l	99
26) 2,2-Dichloropropane	4.57	77	432738	47.614	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	354945	49.985	ug/l	98
28) Bromochloromethane	5.00	49	152533	47.023	ug/l	97
29) Tetrahydrofuran	5.11	42	932280	274.960	ug/l	99
30) Chloroform	5.20	83	578549	51.285	ug/l	97
31) Cyclohexane	5.56	56	481357	46.824	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	464321	47.827	ug/l	99
36) 1,1-Dichloropropene	5.79	75	397431	47.876	ug/l	99
37) Ethyl Acetate	4.82	43	522657	50.953	ug/l	99
38) Carbon Tetrachloride	5.78	117	387564	47.744	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	568669	54.978	ug/l	98
40) Benzene	6.13	78	1259548	48.710	ug/l	100
41) Methacrylonitrile	5.03	41	290185	50.472	ug/l	98
42) 1,2-Dichloroethane	6.18	62	443893	47.591	ug/l	99
43) Isopropyl Acetate	6.43	43	839239	52.542	ug/l	99
44) Trichloroethene	7.20	130	340076	47.778	ug/l	98
45) 1,2-Dichloropropane	7.51	63	329640	50.032	ug/l	98
46) Dibromomethane	7.65	93	220520	49.021	ug/l	99
47) Bromodichloromethane	7.89	83	435441	51.332	ug/l	97
48) Methyl methacrylate	7.76	41	420239	52.706	ug/l	96
49) 1,4-Dioxane	7.73	88	218724	1197.848	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2903687	277.080	ug/l	99
52) Toluene	8.78	92	790041	49.295	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	488852	52.701	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	529951	51.074	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	324048	48.781	ug/l	98
56) Ethyl methacrylate	9.17	69	569086	50.175	ug/l	99
57) 1,3-Dichloropropane	9.37	76	566603	50.246	ug/l	100
59) 2-Hexanone	9.49	43	2278325	281.330	ug/l	97
60) Dibromochloromethane	9.58	129	361100	53.151	ug/l	98
61) 1,2-Dibromoethane	9.67	107	352950	50.036	ug/l	99
64) Tetrachloroethene	9.33	164	289689	45.451	ug/l	98
65) Chlorobenzene	10.14	112	868777	48.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	330784	49.979	ug/l	99
67) Ethyl Benzene	10.25	91	6912756	222.205	ug/l	96
68) m/p-Xylenes	10.35	106	3058436	259.951	ug/l	98
69) o-Xylene	10.70	106	1916768	166.404	ug/l	99
70) Stvrene	10.71	104	1052988	54.687	ug/l #	81
71) Bromoform	10.85	173	286082	46.836	ug/l	99
73) Isopropylbenzene	11.01	105	7741496	263.327	ug/l	98
74) N-amyl acetate	10.89	43	821861	60.285	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	11.26	83	601271	56.062	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	500328m	55.553	ug/l	
77) Bromobenzene	11.25	156	402932	51.412	ug/l	99
78) n-propylbenzene	11.35	91	12392307	378.408	ug/l	88
79) 2-Chlorotoluene	11.42	91	1349976	68.419	ug/l	85
80) 1,3,5-Trimethylbenzene	11.50	105	5443500	222.296	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	186523	53.308	ug/l	97
82) 4-Chlorotoluene	11.51	91	1607304	69.590	ug/l	85
83) tert-Butylbenzene	11.77	119	1888384	76.607	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	18937603m	770.928	ug/l	
85) sec-Butylbenzene	11.95	105	4240707	149.687	ug/l	82
86) p-Isopropyltoluene	12.06	119	2606766	99.924	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	705803	50.522	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	718688	50.493	ug/l	99
89) n-Butylbenzene	12.39	91	3012831	132.356	ug/l #	80
90) Hexachloroethane	12.59	117	607800	130.765	ug/l #	43
91) 1,2-Dichlorobenzene	12.39	146	701930	50.265	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	161287	61.725	ug/l	84
93) 1,2,4-Trichlorobenzene	13.64	180	500659	51.398	ug/l	97

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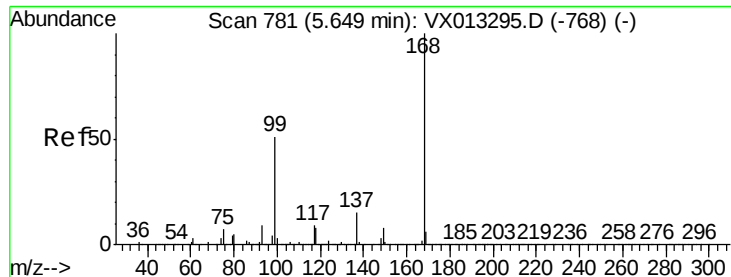
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	213503	44.801	ug/l	100
95) Naphthalene	13.83	128	3626242	118.652	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	503109	51.501	ug/l	99

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



#1

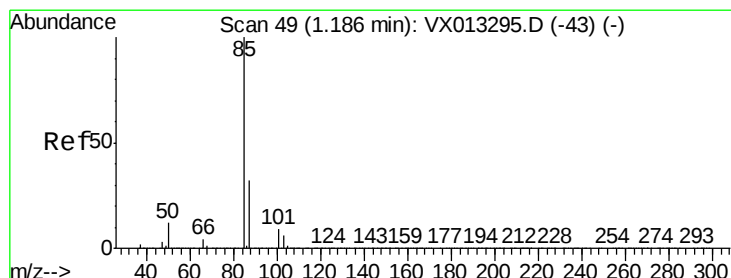
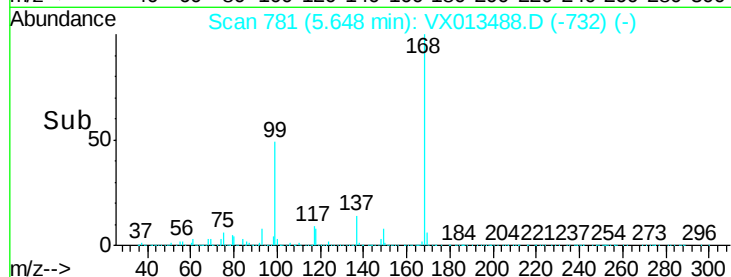
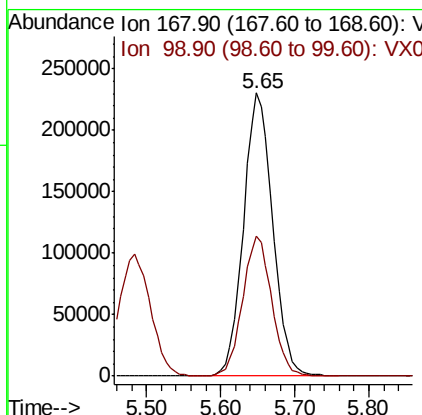
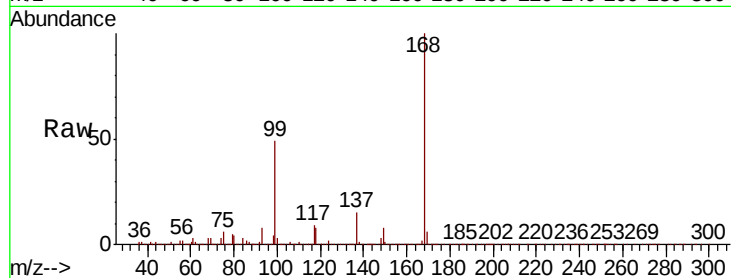
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	40.8	61.2

Manual Integrations
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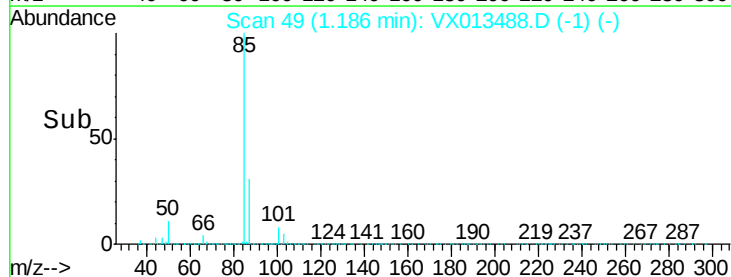
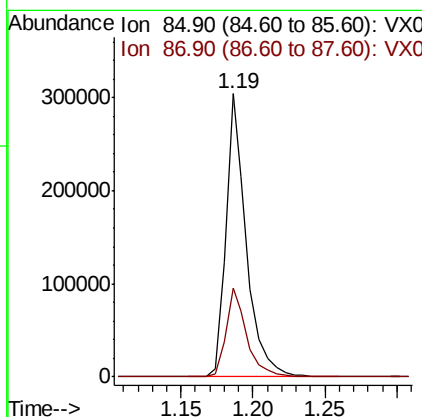
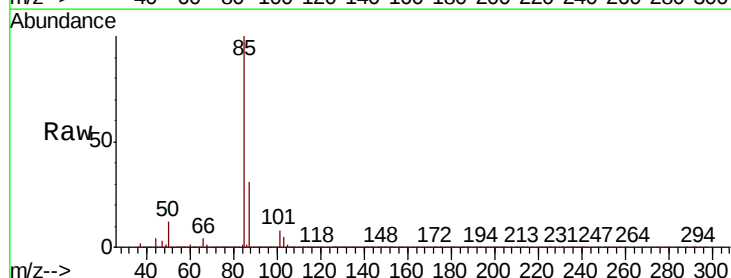
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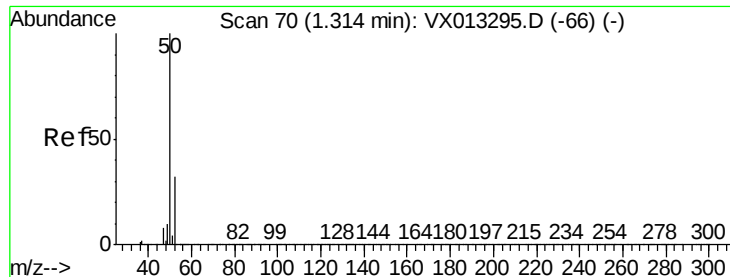


#2

Dichlorodifluoromethane
 Concen: 41.245 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.9	47.6





#3

Chloromethane

Concen: 39.634 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 50 Resp: 314319

Ion Ratio Lower Upper

50 100

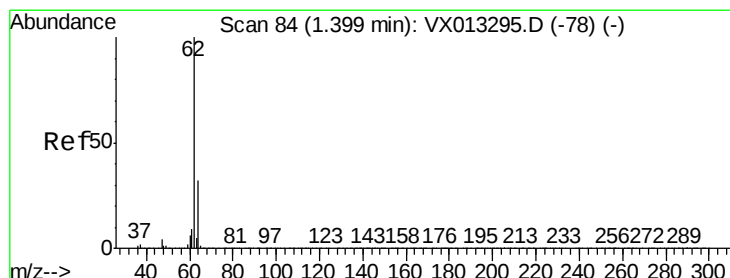
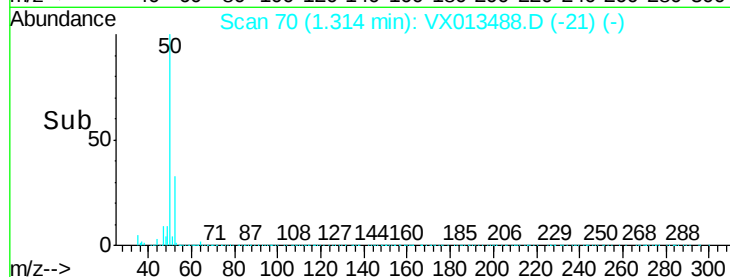
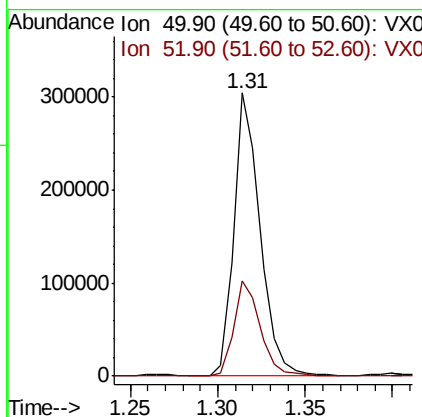
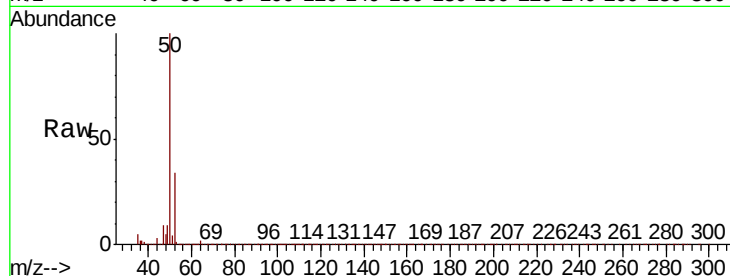
52 33.5 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.270 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013488.D

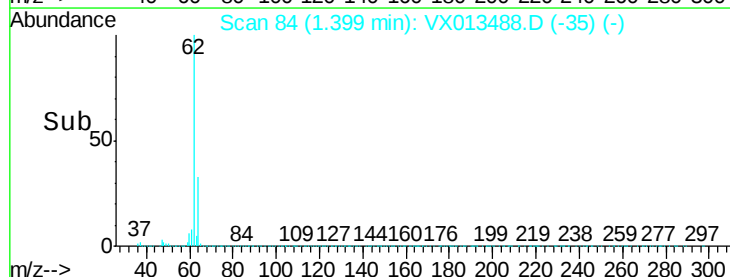
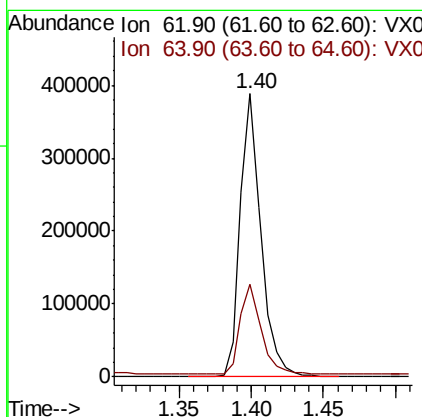
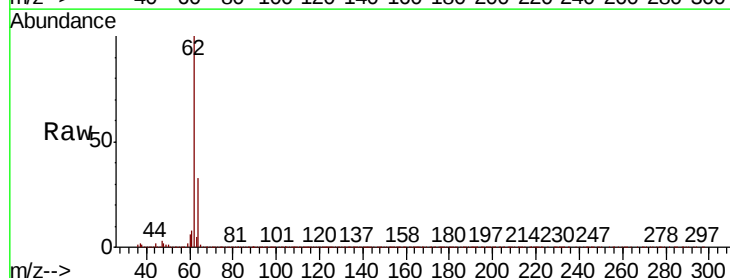
Acq: 20 Nov 2019 19:28

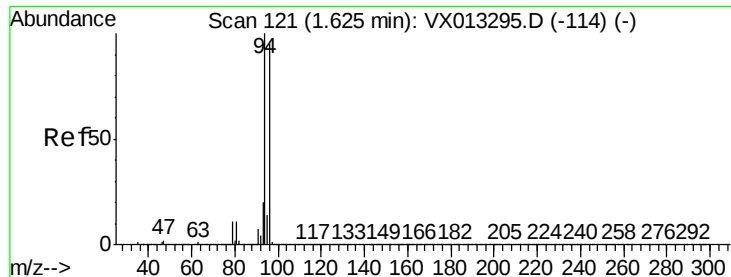
Tgt Ion: 62 Resp: 390662

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 38.056 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

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MW-3MSD

Tot Ion: 94 Resp: 239436

Ion Ratio Lower Upper

94 100

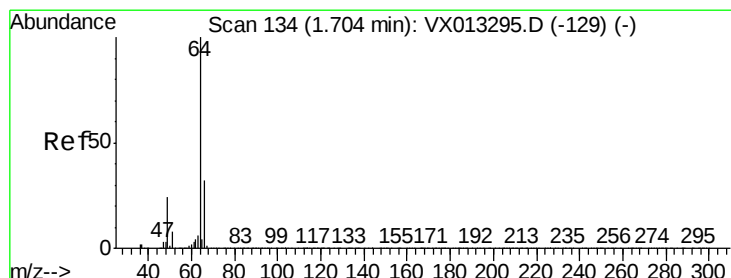
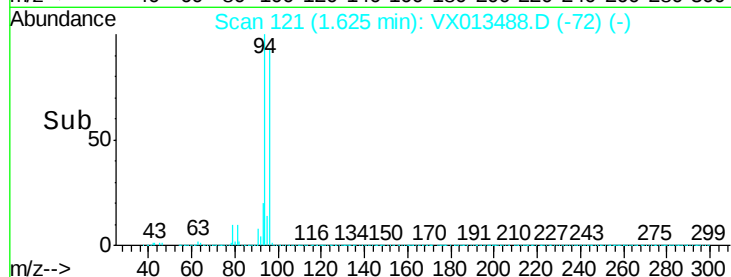
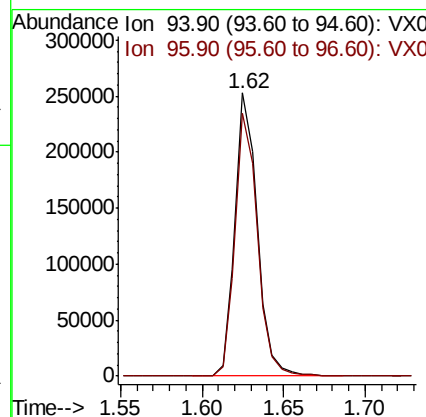
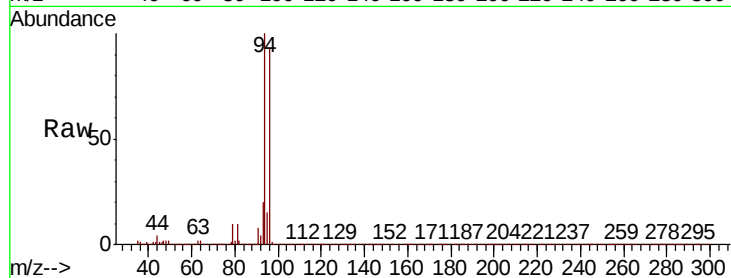
96 92.9 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 42.801 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013488.D

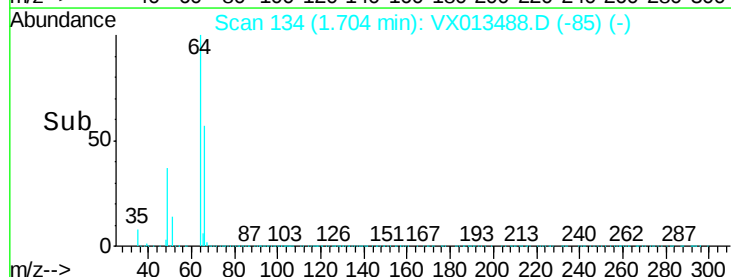
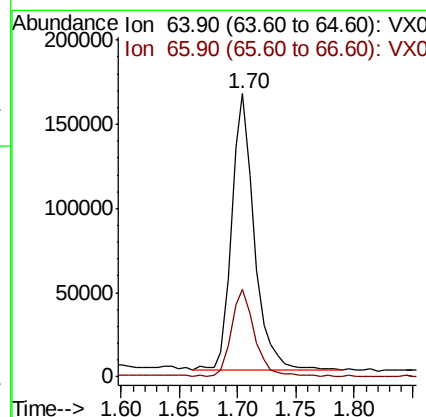
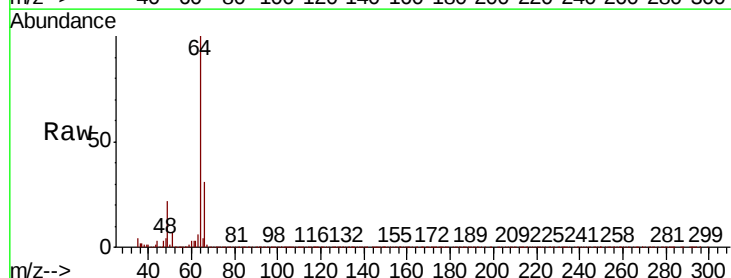
Acq: 20 Nov 2019 19:28

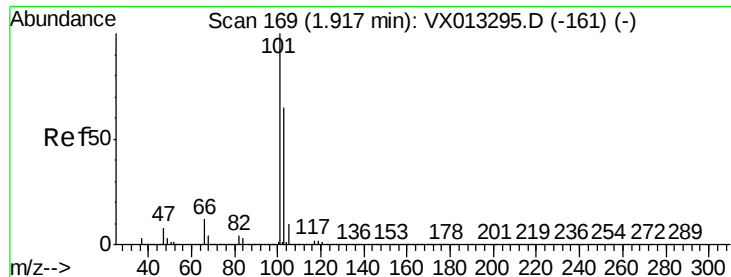
Tgt Ion: 64 Resp: 221783

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4





#7

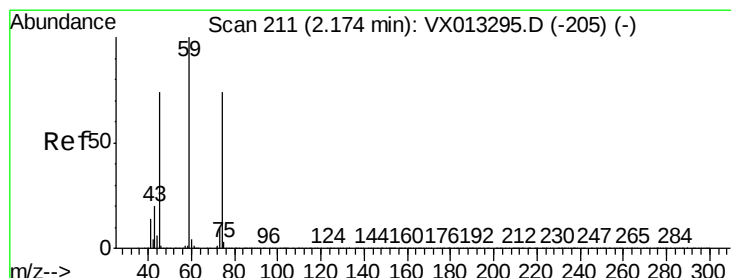
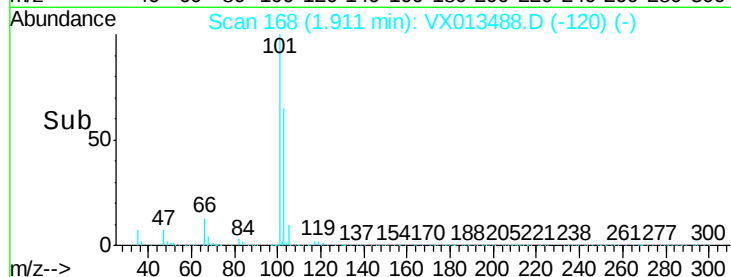
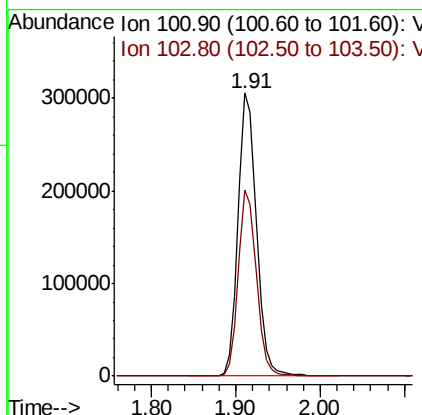
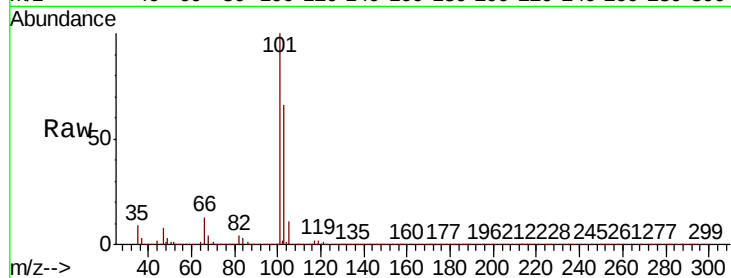
Trichlorofluoromethane
Concen: 41.959 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

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ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.3	78.5

Manual Integrations
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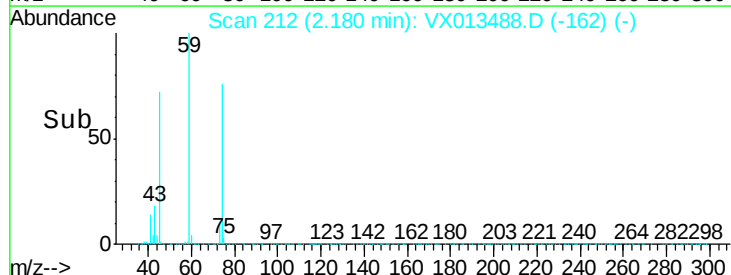
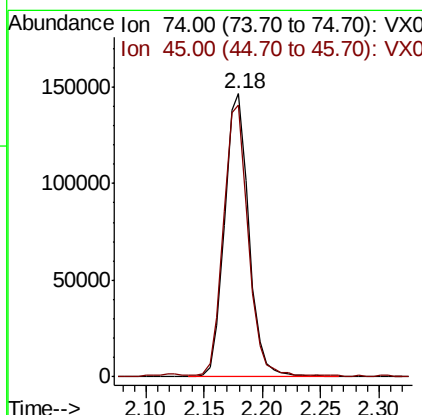
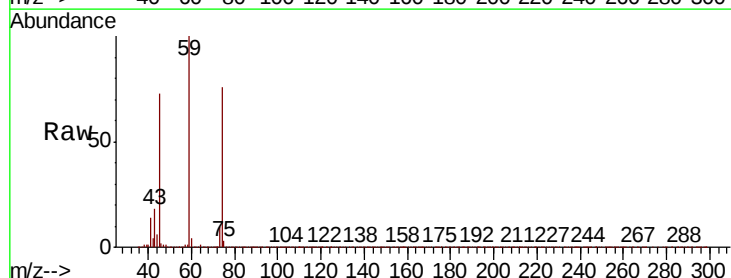
MMDadoda
11/22/2019 12:54:29 AM

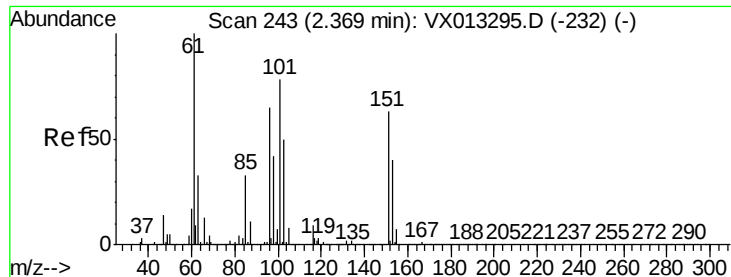


#8

Diethyl Ether
Concen: 44.962 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.997 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

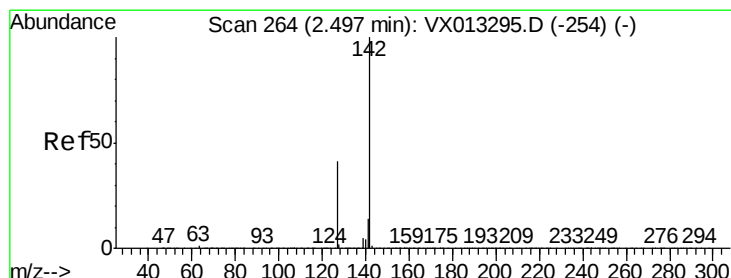
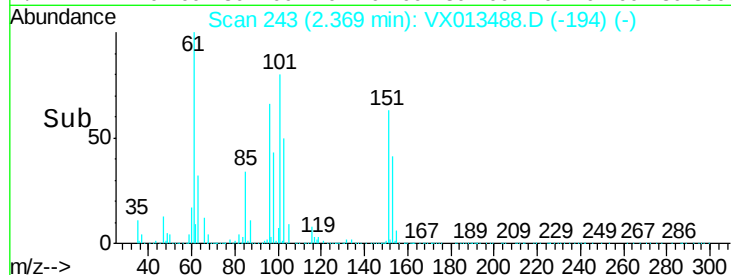
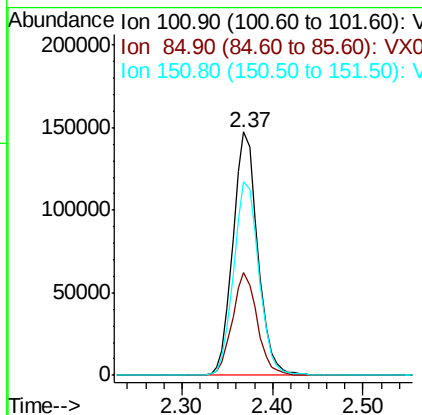
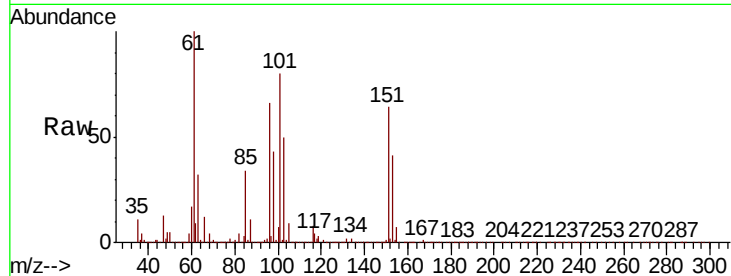
ClientSampleId :

MW-3MSD

Tot Ion:	101	Resp:	279407
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	81.4	66.4	99.6

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#10

Methyl Iodide

Concen: 40.131 ug/l

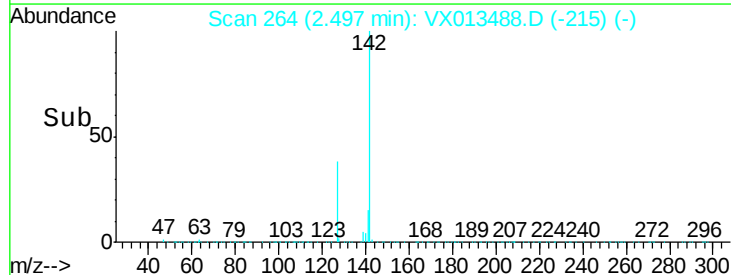
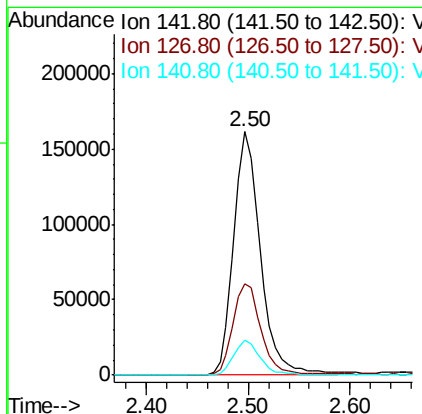
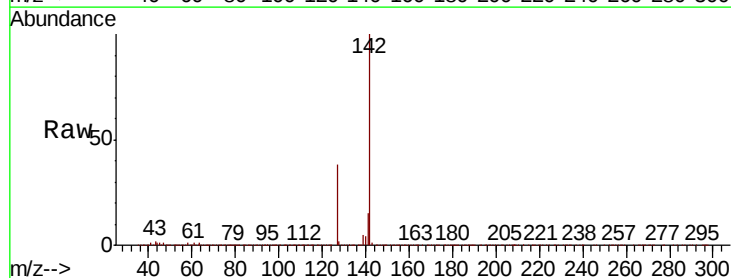
RT: 2.50 min Scan# 264

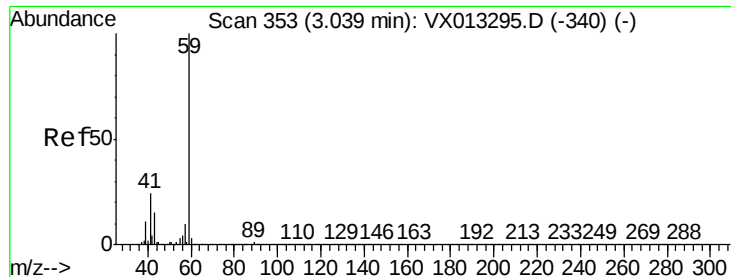
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:	142	Resp:	295393
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.6	49.0
141	14.1	11.6	17.4





#11

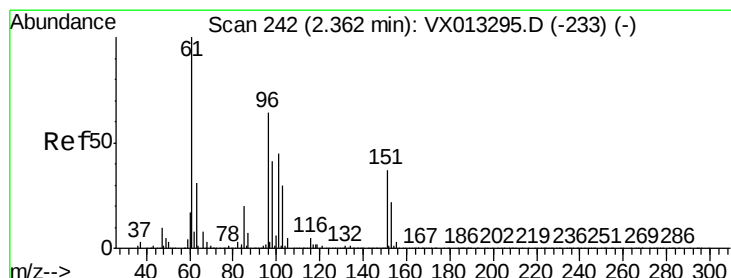
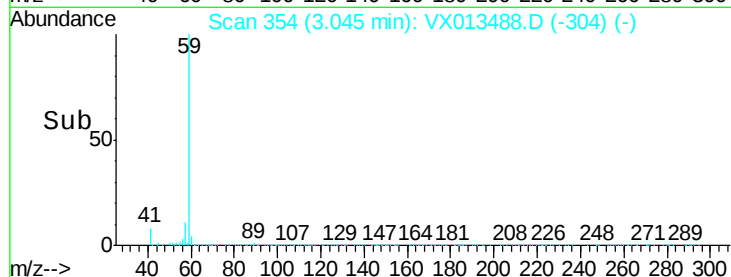
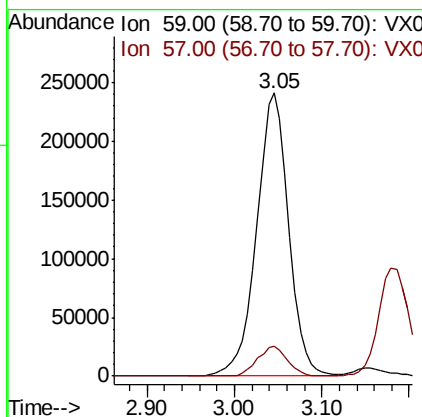
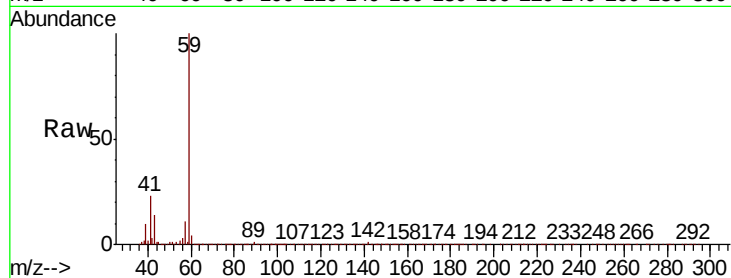
Tert butyl alcohol
Concen: 310.096 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

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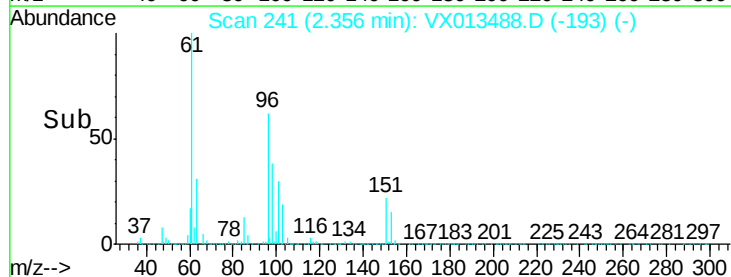
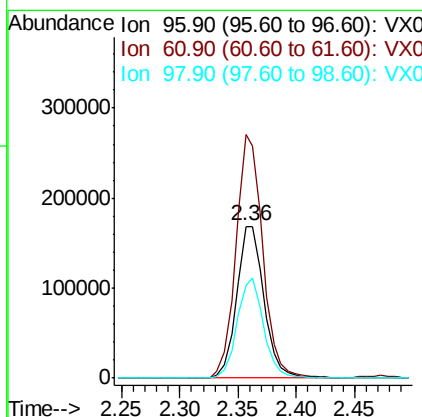
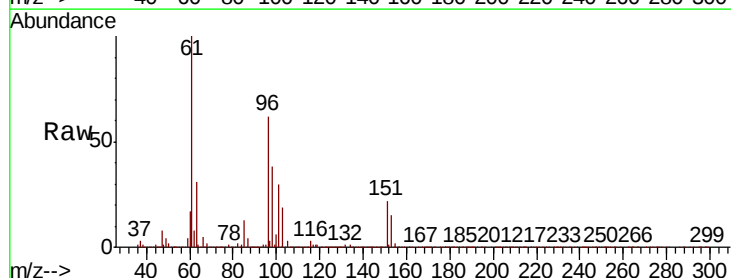
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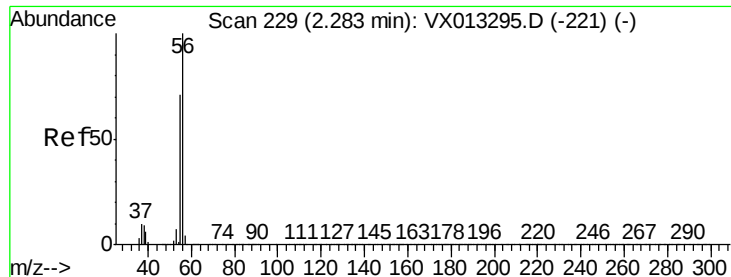


#12

1,1-Dichloroethene
Concen: 47.111 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	125.0	187.6
98	60.9	50.7	76.1





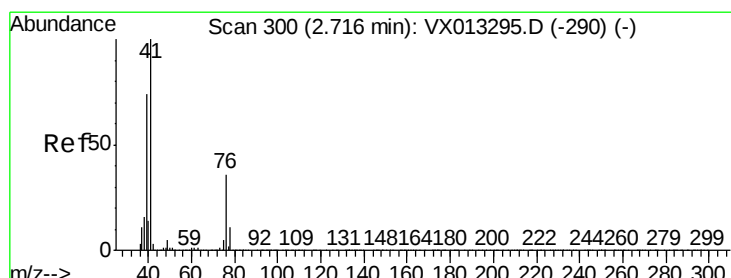
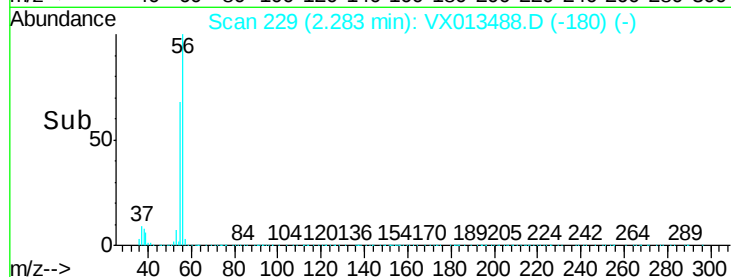
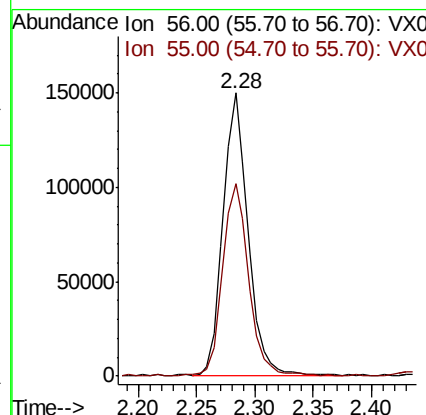
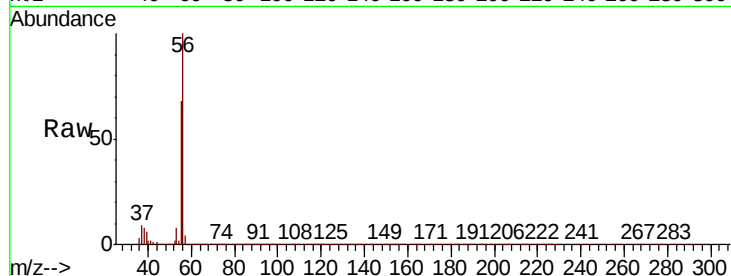
#13
Acrolein
Concen: 205.879 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.4	86.0

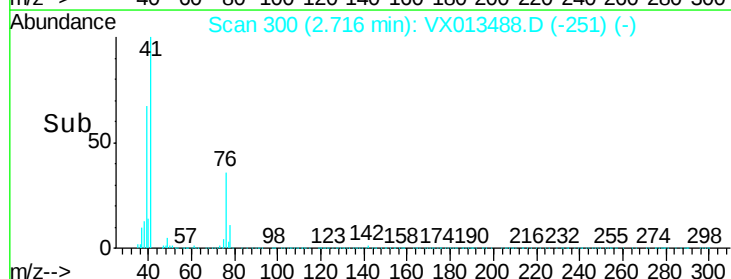
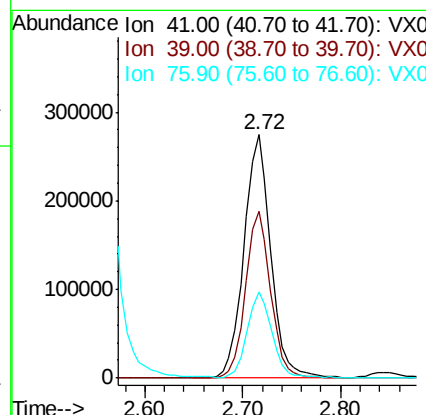
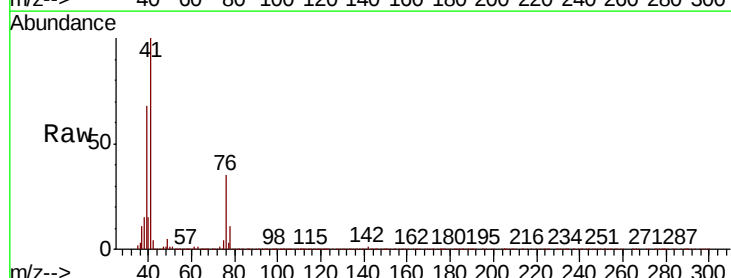
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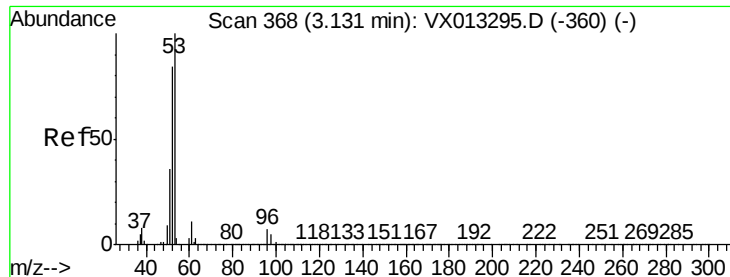
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#14
Allyl chloride
Concen: 49.178 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	55.8	83.8
76	32.1	26.4	39.6





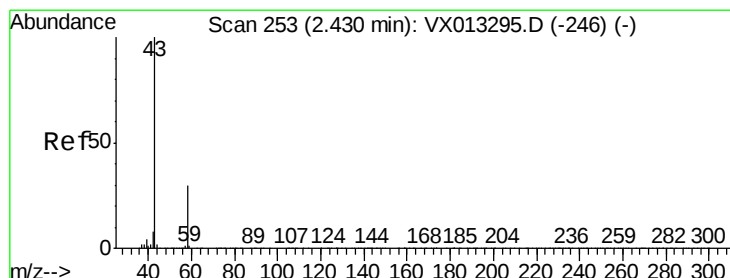
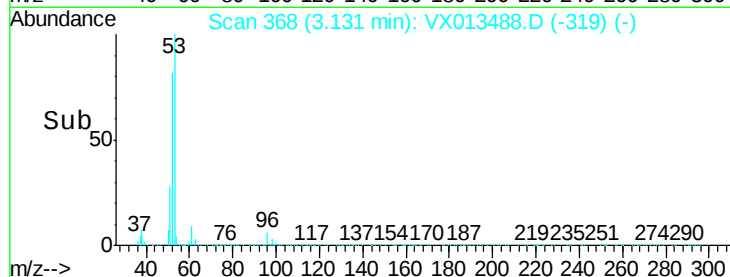
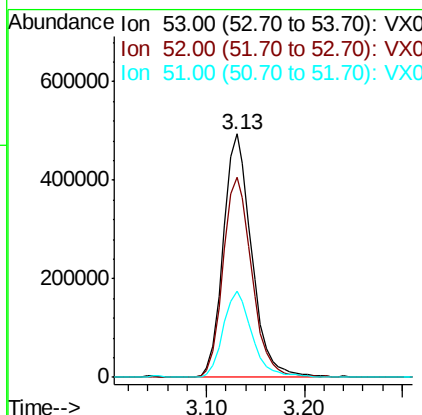
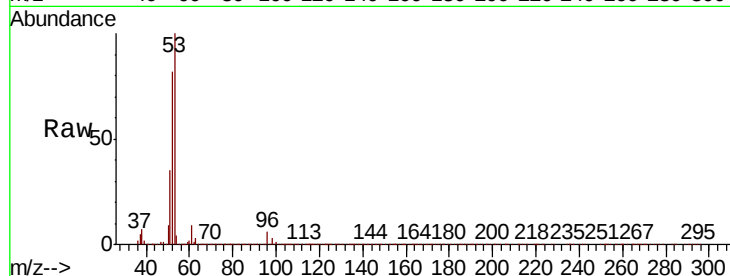
#15
 Acrylonitrile
 Concen: 267.157 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion:	53	Resp:	989024
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.4	101.0
51	36.0	29.4	44.2

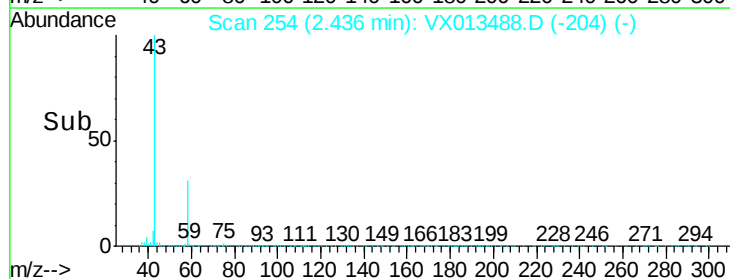
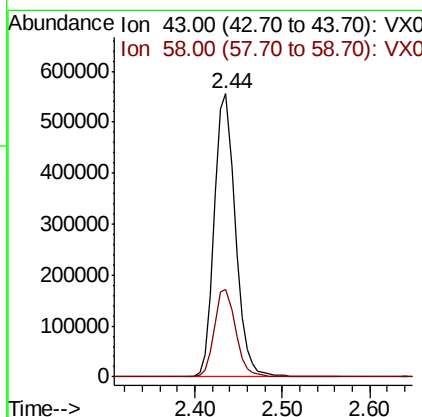
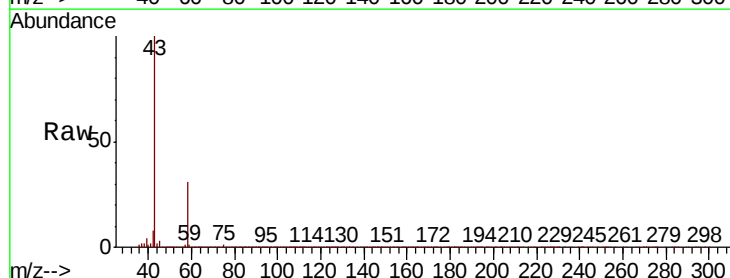
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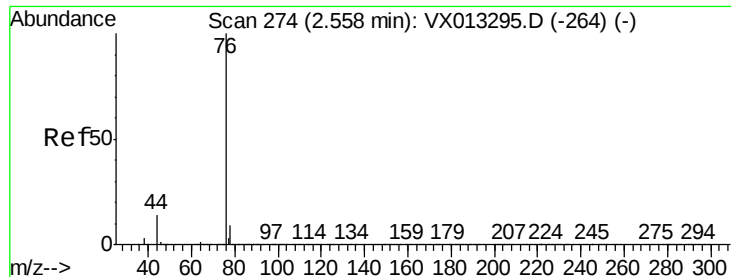
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#16
 Acetone
 Concen: 247.913 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion:	43	Resp:	929802
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.3	36.5





#17

Carbon Disulfide

Concen: 42.410 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 76 Resp: 660867

Ion Ratio Lower Upper

76 100

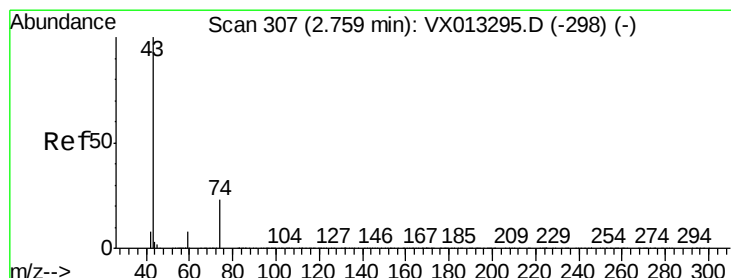
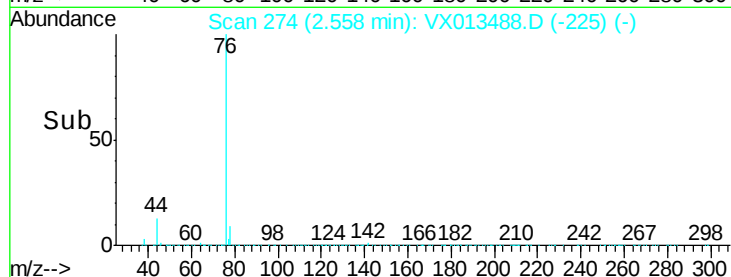
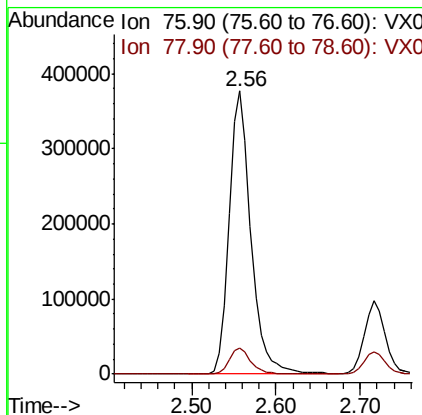
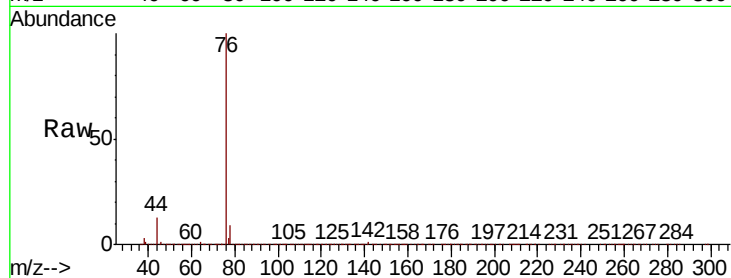
78 8.9 7.0 10.6

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#18

Methyl Acetate

Concen: 53.679 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013488.D

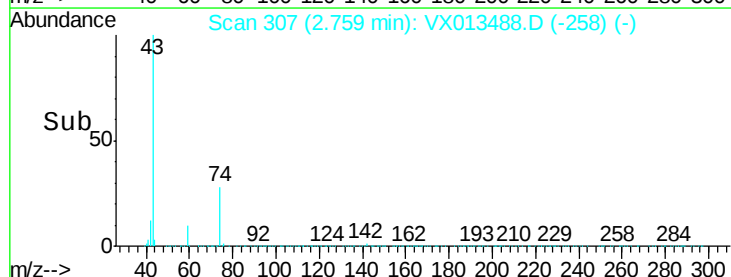
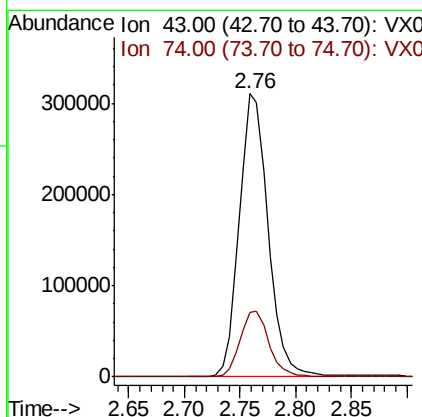
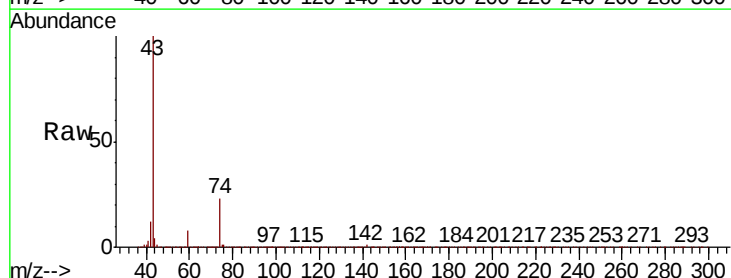
Acq: 20 Nov 2019 19:28

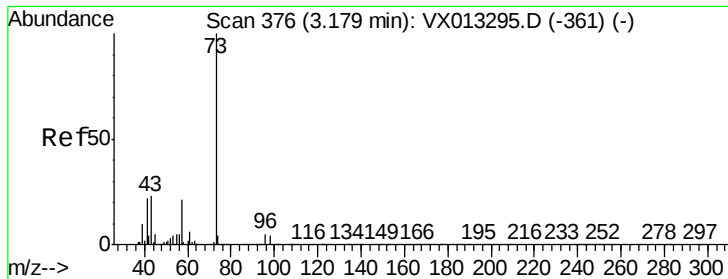
Tgt Ion: 43 Resp: 555809

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6





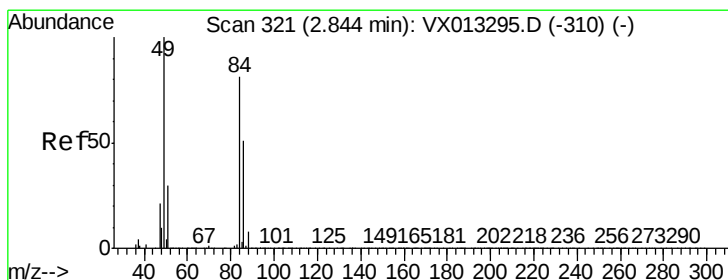
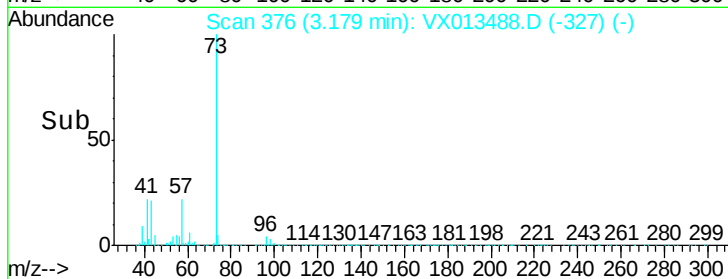
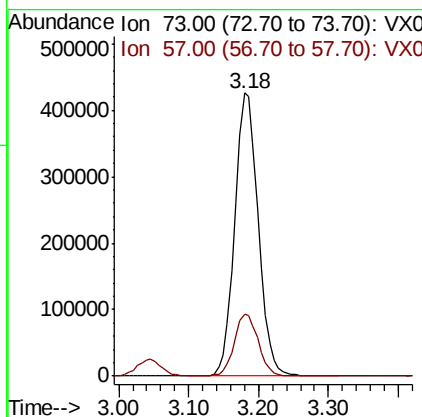
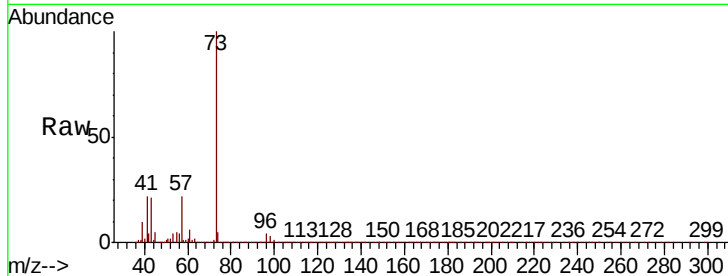
#19
Methvl tert-butvl Ether
Concen: 51.184 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.1	25.7

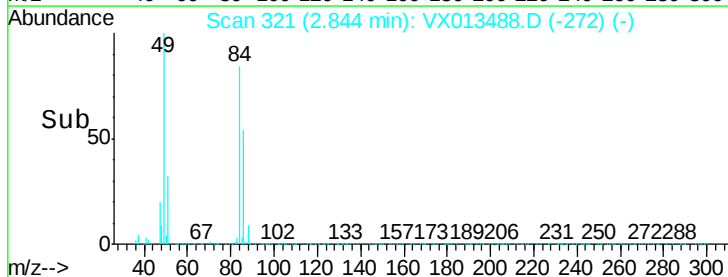
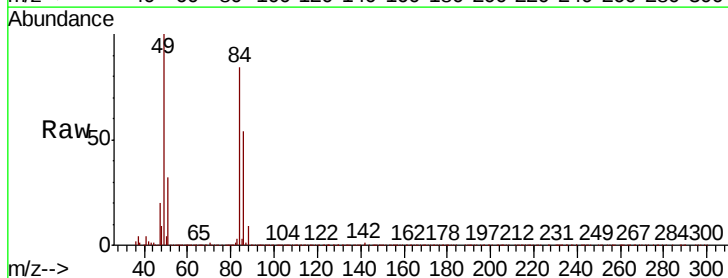
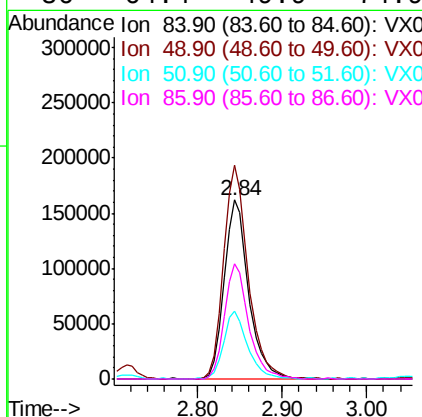
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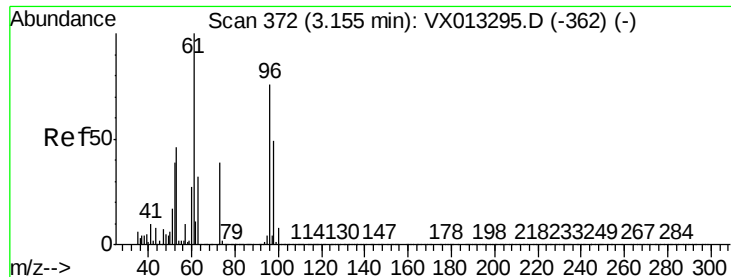
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#20
Methylene Chloride
Concen: 46.556 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	98.2	147.4
51	38.1	29.9	44.9
86	64.4	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 45.826 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

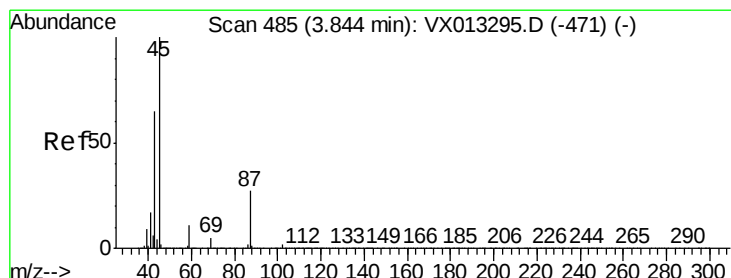
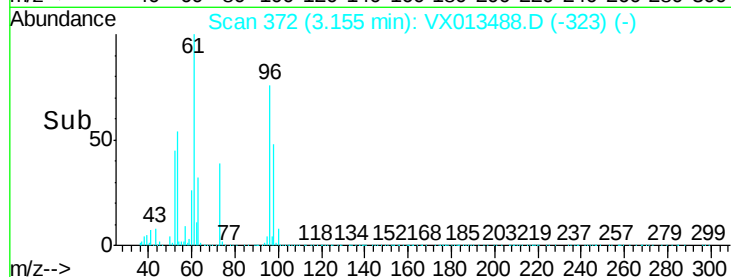
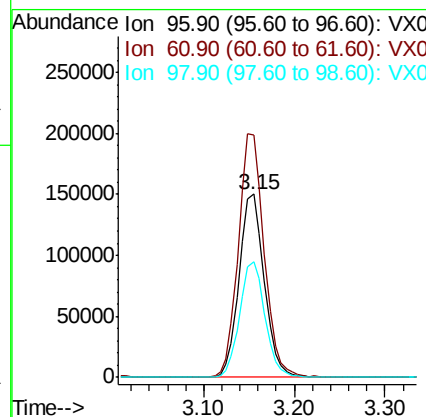
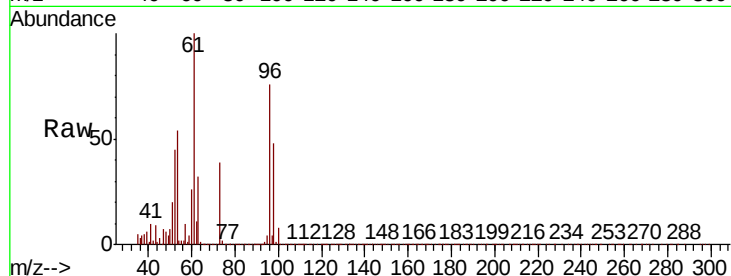
ClientSampleId :

MW-3MSD

Tot Ion:	96	Resp:	290494
Ion	Ratio	Lower	Upper
96	100		
61	132.0	105.8	158.6
98	63.1	51.8	77.6

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#22

Diisopropyl ether

Concen: 50.144 ug/l

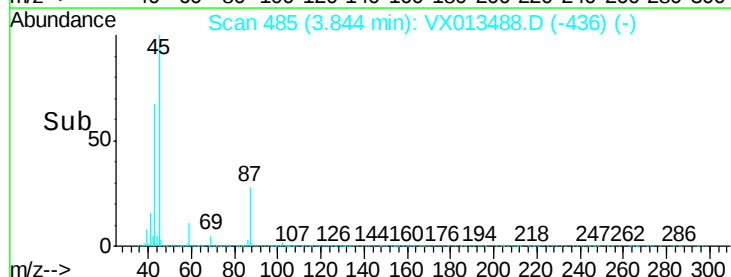
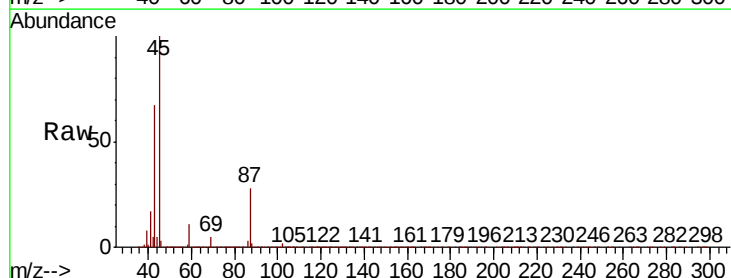
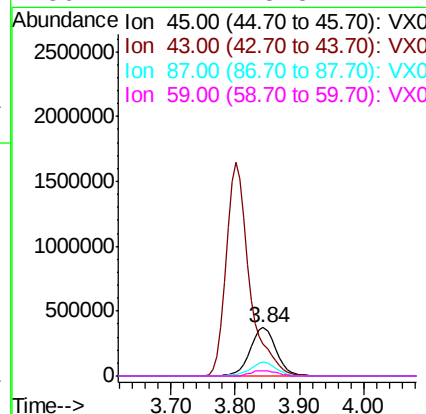
RT: 3.84 min Scan# 485

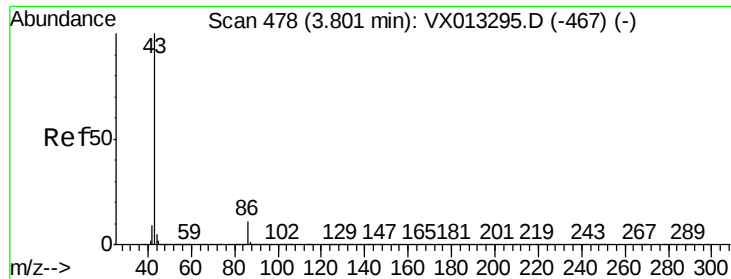
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:	45	Resp:	1024068
Ion	Ratio	Lower	Upper
45	100		
43	67.0	54.2	81.2
87	28.3	21.8	32.8
59	11.1	8.5	12.7





#23

Vinyl Acetate

Concen: 240.414 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 43 Resp: 4201376

Ion Ratio Lower Upper

43 100

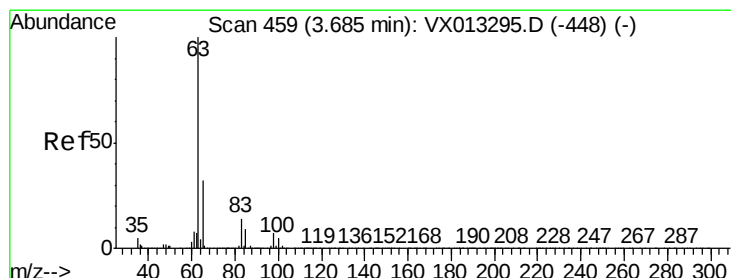
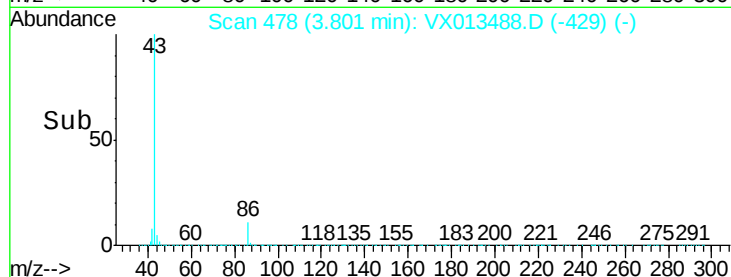
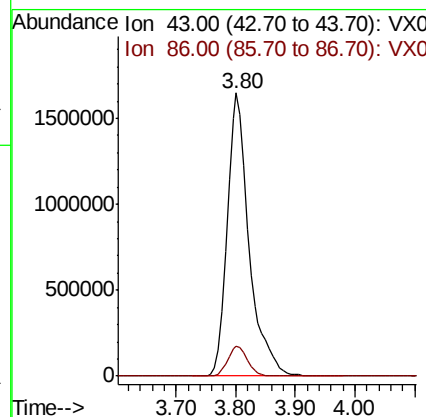
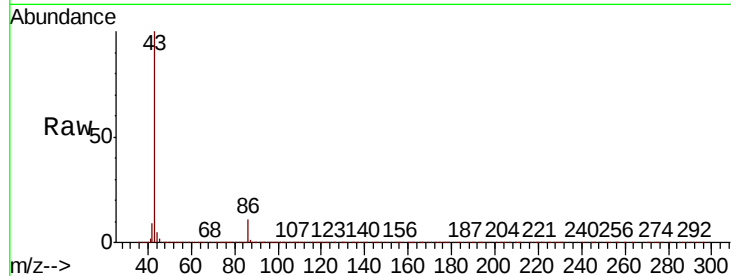
86 10.7 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 48.669 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

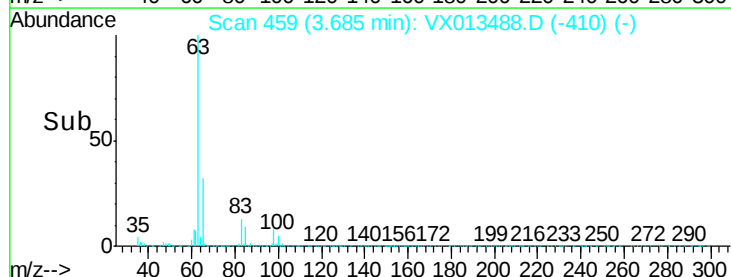
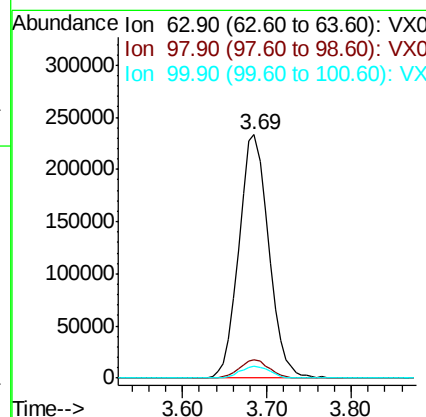
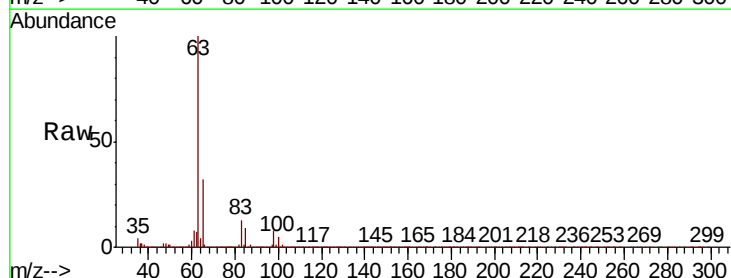
Tgt Ion: 63 Resp: 556019

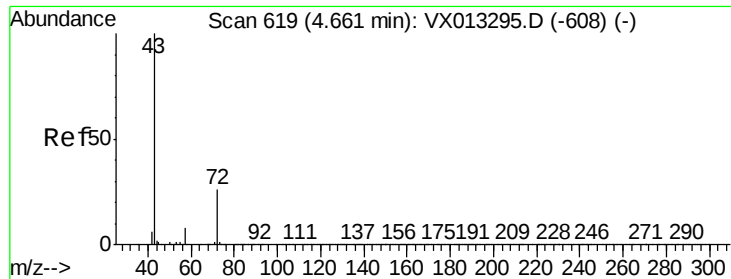
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 271.126 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 43 Resp: 1491757

Ion Ratio Lower Upper

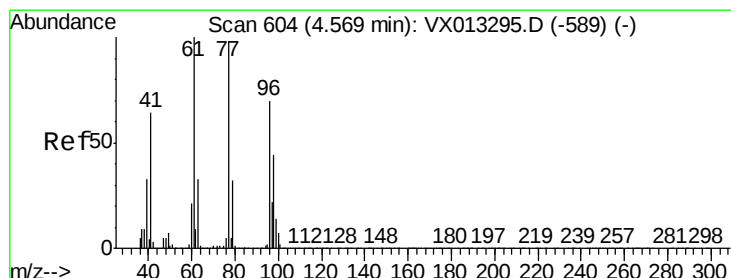
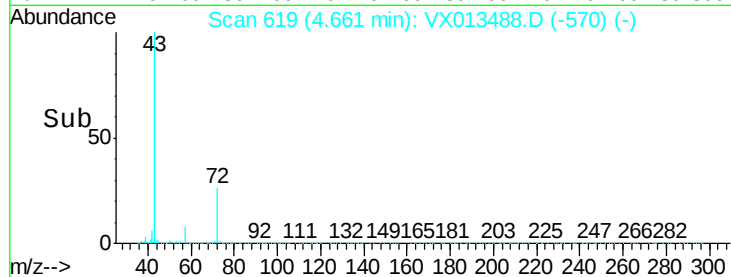
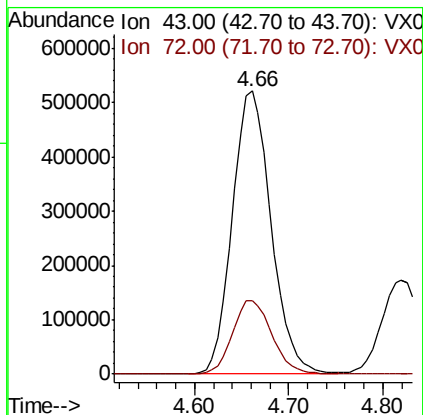
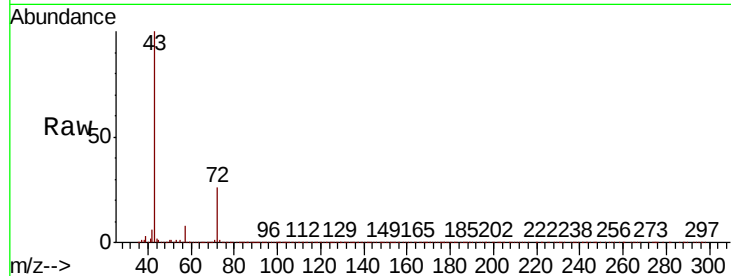
43 100

72 25.9 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 47.614 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013488.D

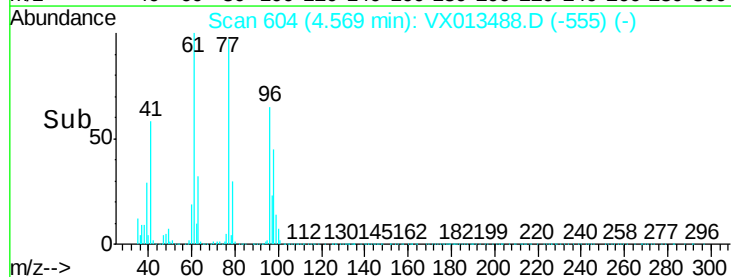
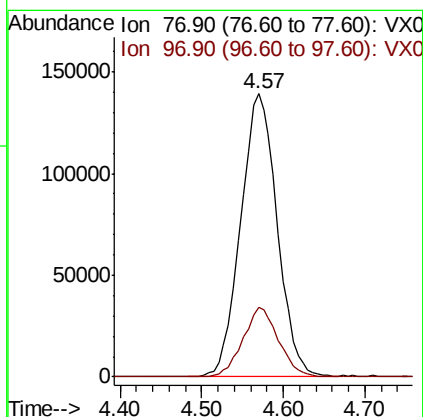
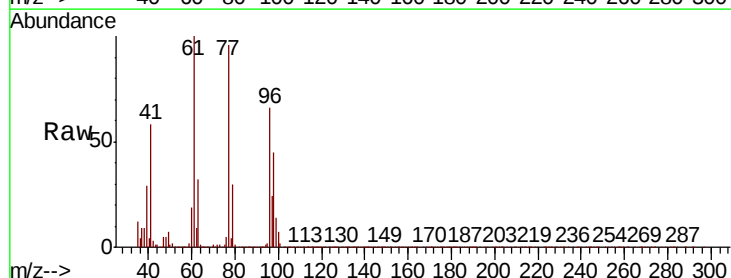
Acq: 20 Nov 2019 19:28

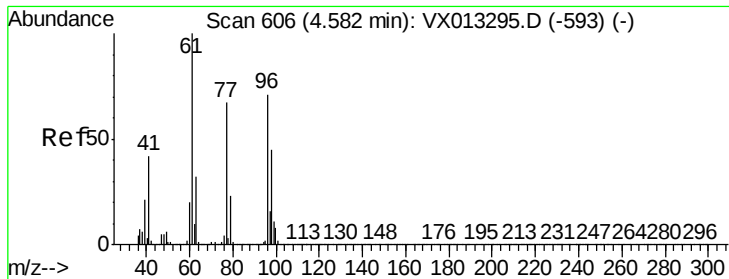
Tgt Ion: 77 Resp: 432738

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.8





#27

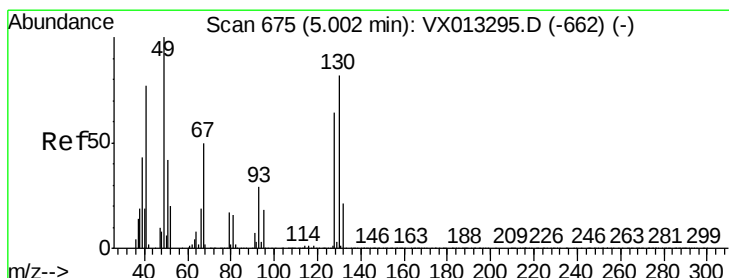
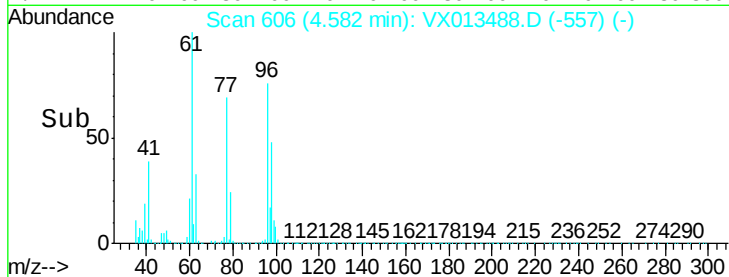
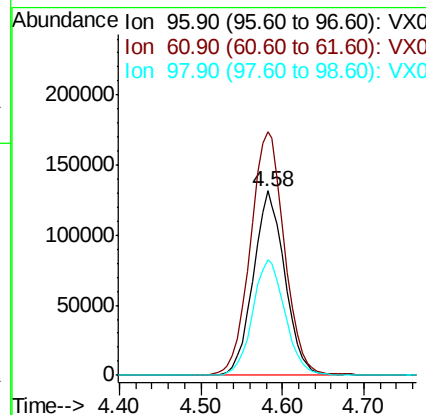
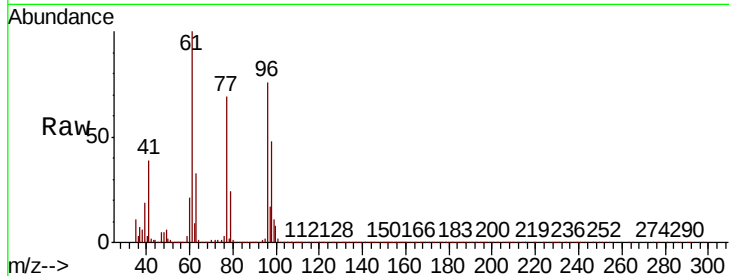
cis-1,2-Dichloroethene
Concen: 49.985 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	354945		
61	141.8	0.0	288.0	
98	64.0	0.0	129.6	

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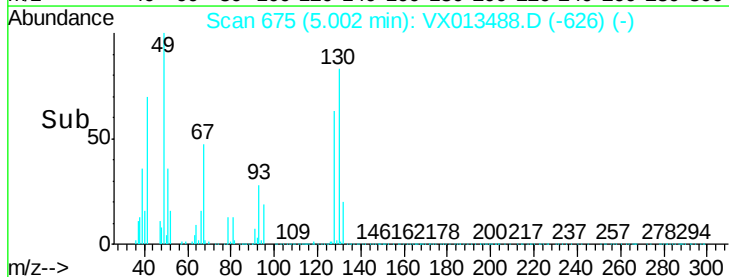
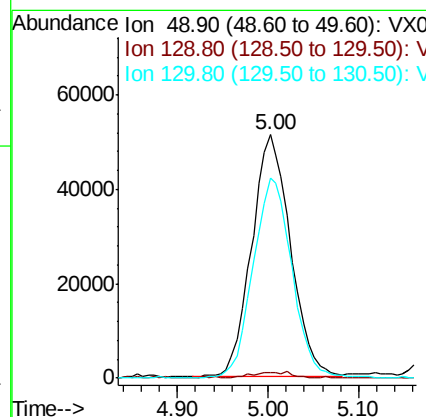
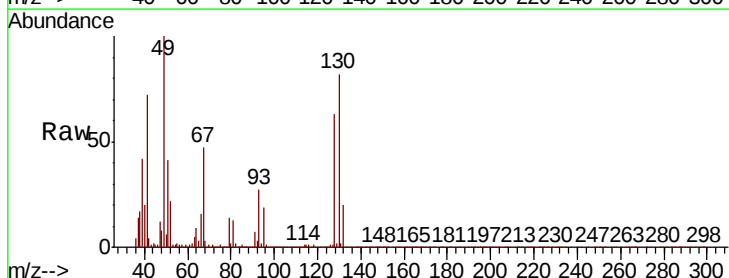
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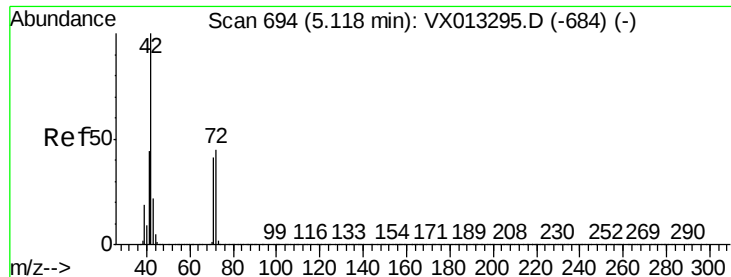


#28

Bromochloromethane
Concen: 47.023 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	152533		
129	2.5	0.0	5.2	
130	82.3	63.8	95.6	





#29

Tetrahydrofuran

Concen: 274.960 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

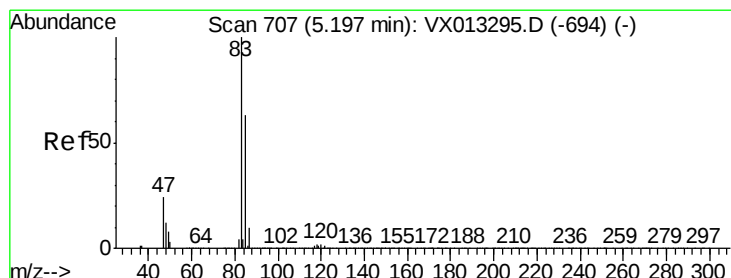
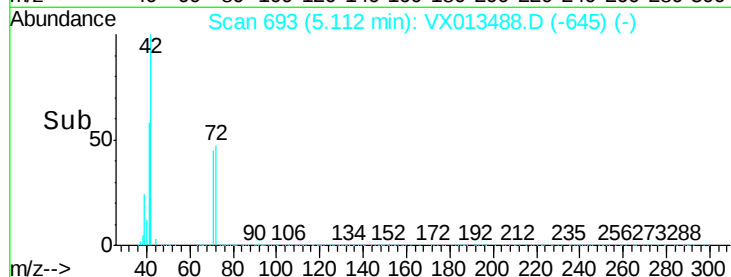
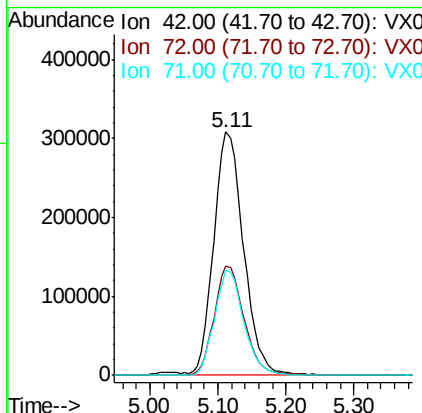
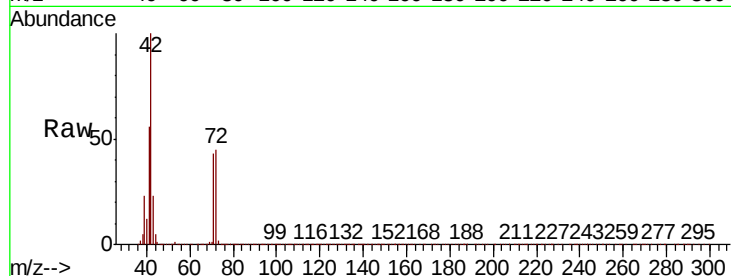
ClientSampleId :

MW-3MSD

Tot Ion:	42	Resp:	932280
Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.6	33.4	50.0

Manual Integrations
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#30

Chloroform

Concen: 51.285 ug/l

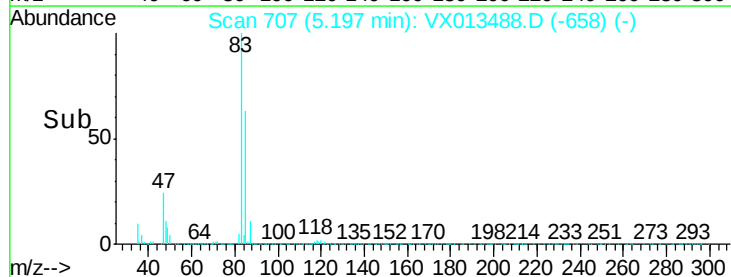
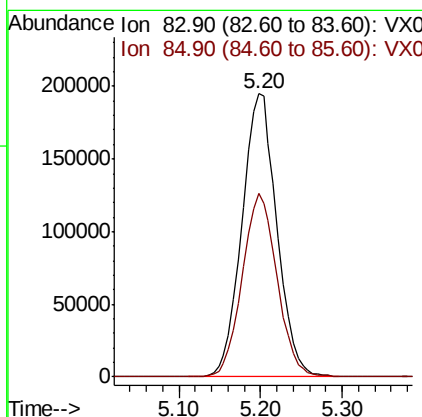
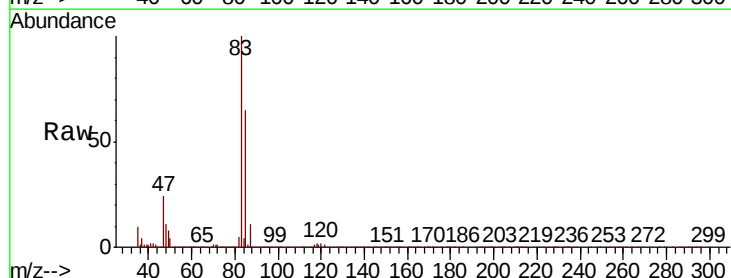
RT: 5.20 min Scan# 707

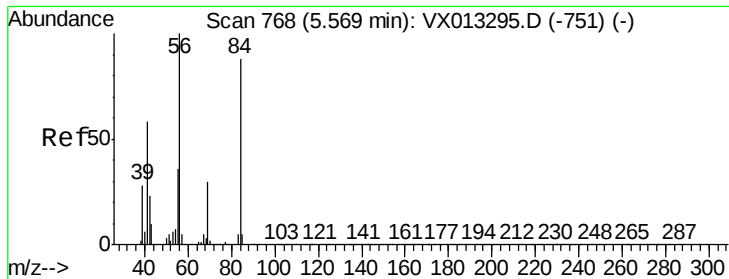
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:	83	Resp:	578549
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4





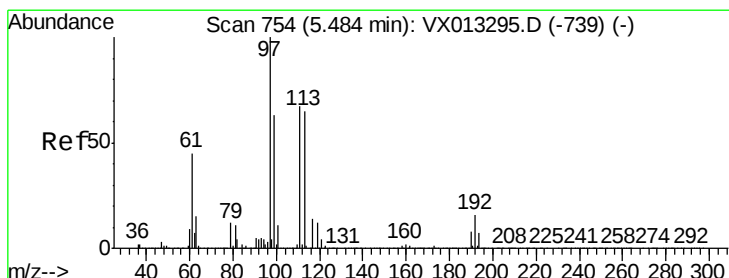
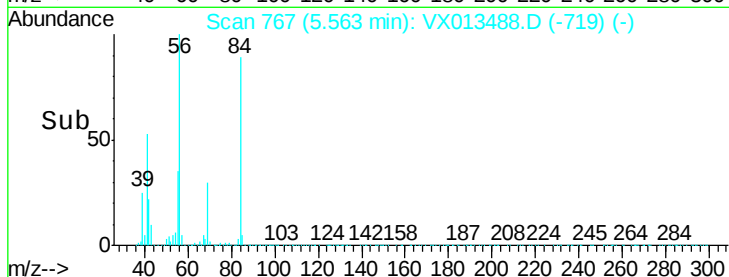
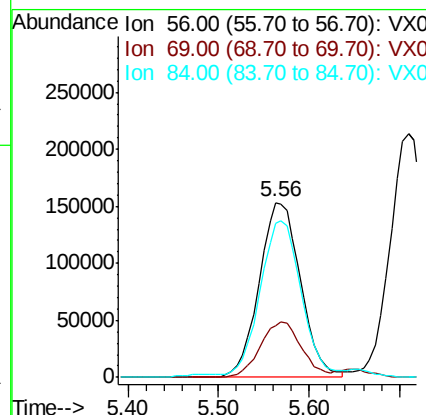
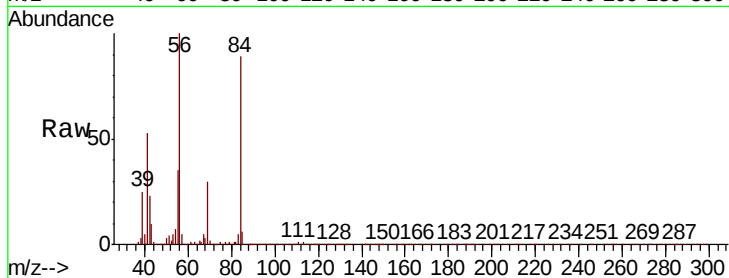
#31
Cyclohexane
Concen: 46.824 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.7	35.5
84	87.2	70.6	105.8

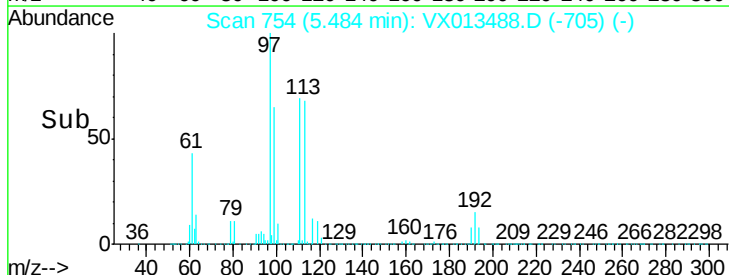
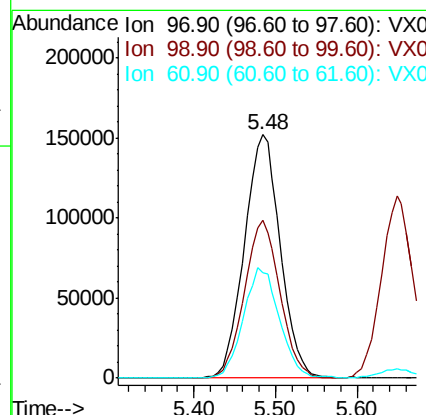
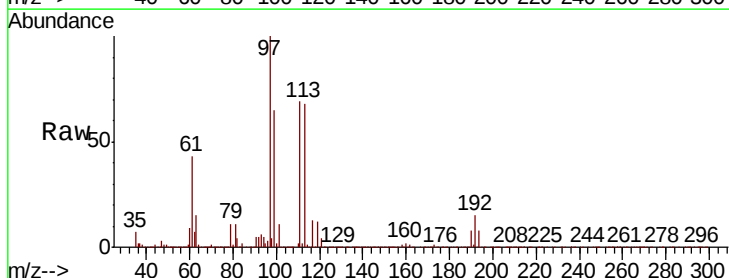
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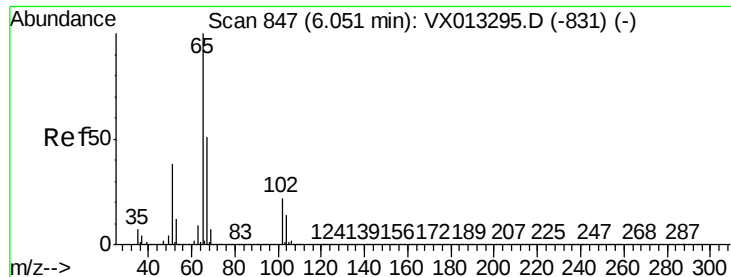
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#32
1,1,1-Trichloroethane
Concen: 47.827 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	45.0	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.905 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 65 Resp: 352693

Ion Ratio Lower Upper

65 100

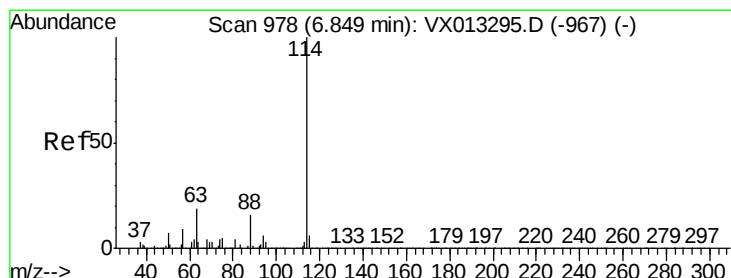
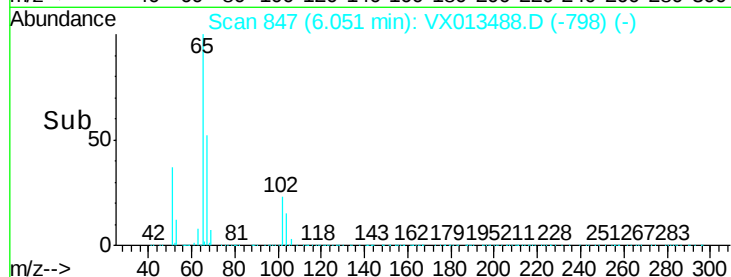
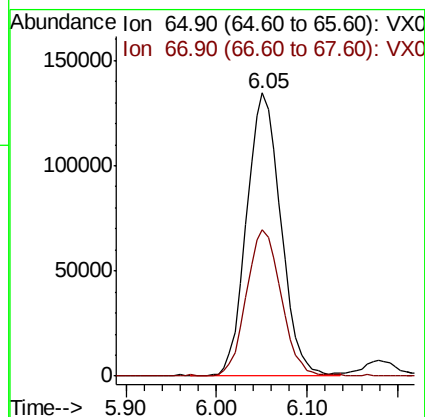
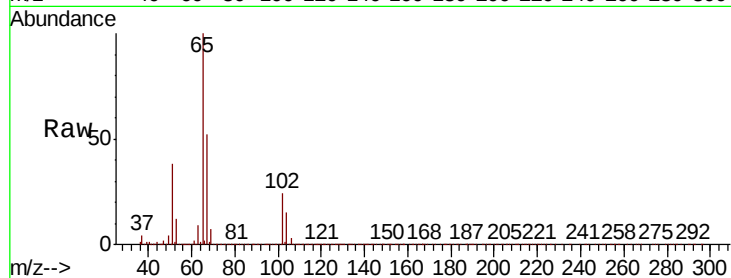
67 52.0 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

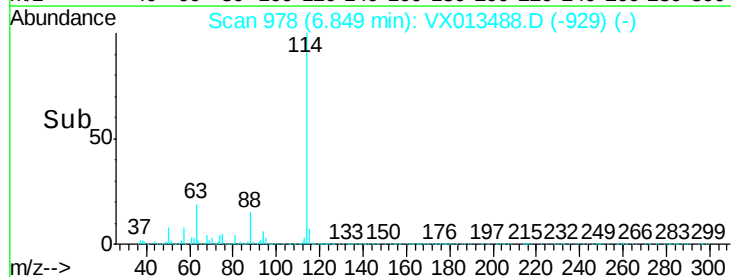
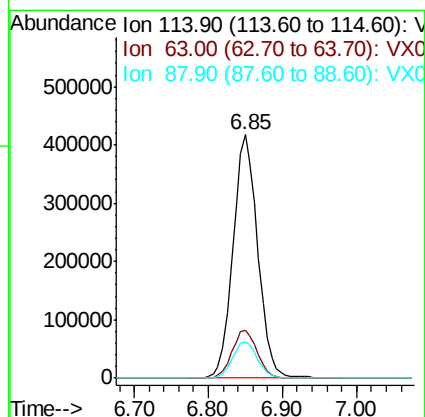
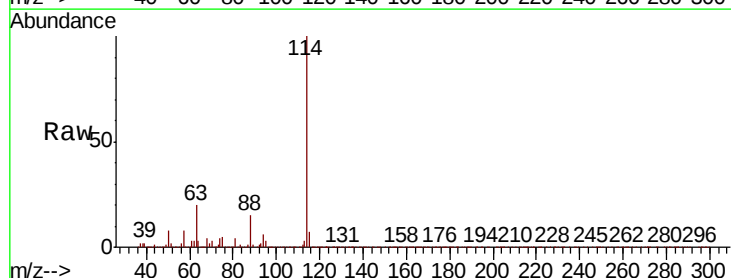
Tgt Ion: 114 Resp: 967654

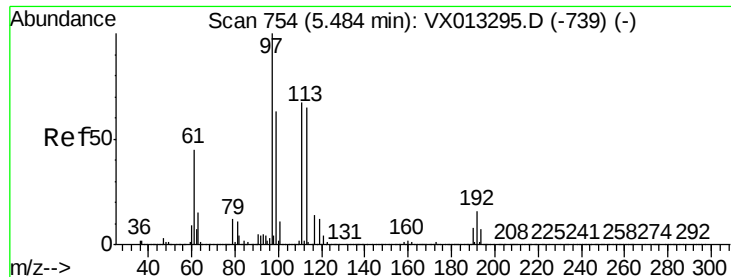
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 15.1 0.0 32.2





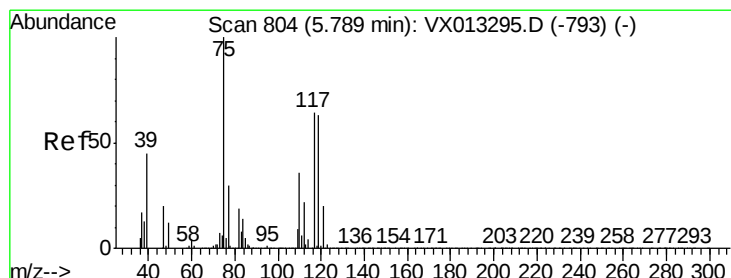
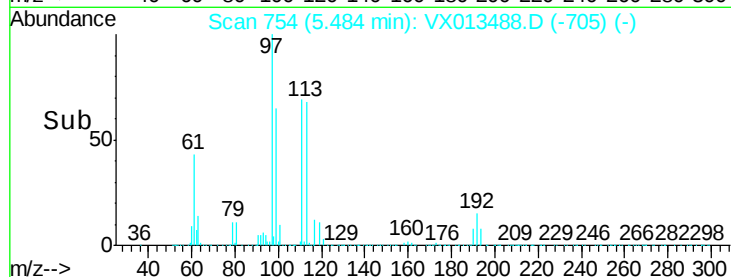
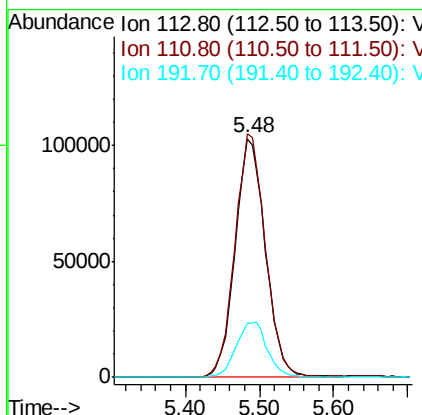
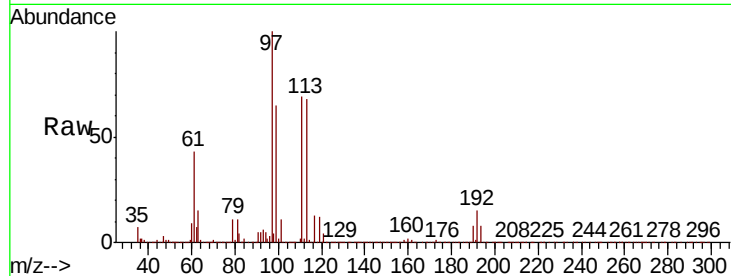
#35
Dibromofluoromethane
Concen: 48.292 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	293097		
111	102.3	81.9	122.9	
192	23.8	19.1	28.7	

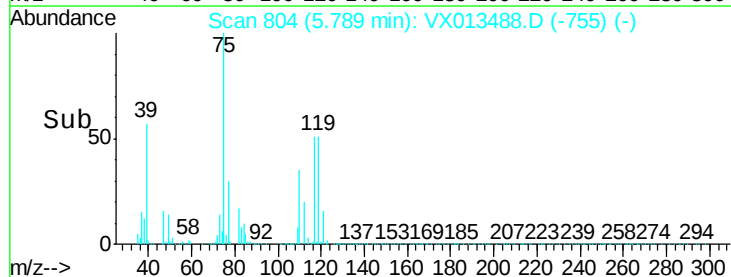
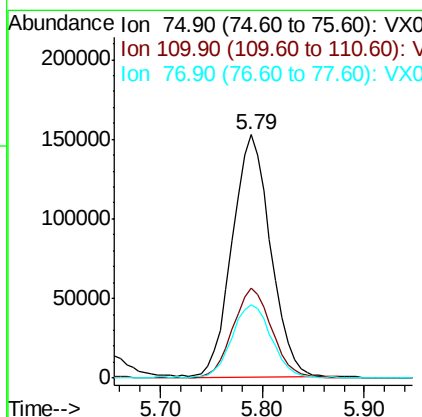
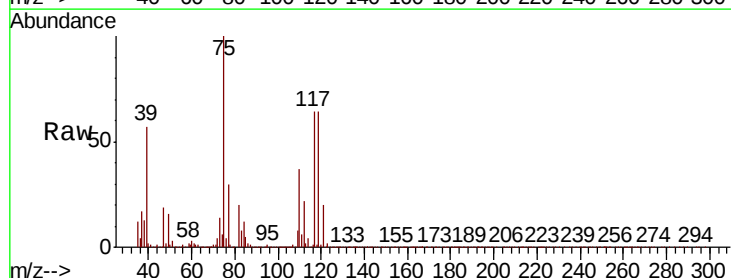
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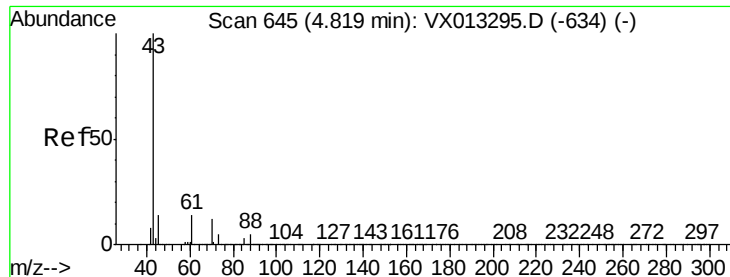
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#36
1,1-Dichloropropene
Concen: 47.876 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	397431		
110	37.4	18.1	54.1	
77	30.8	25.0	37.4	





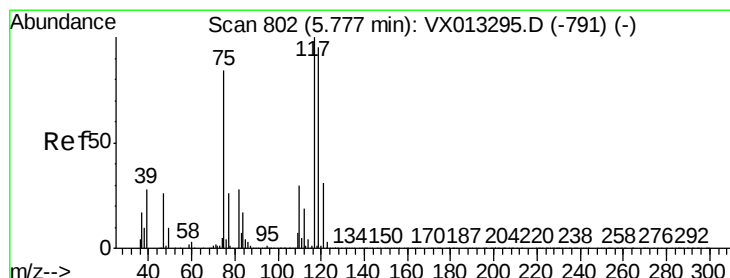
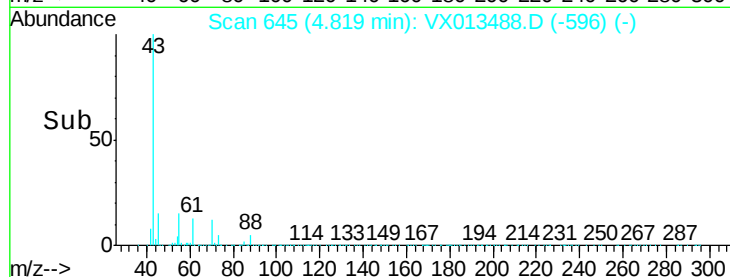
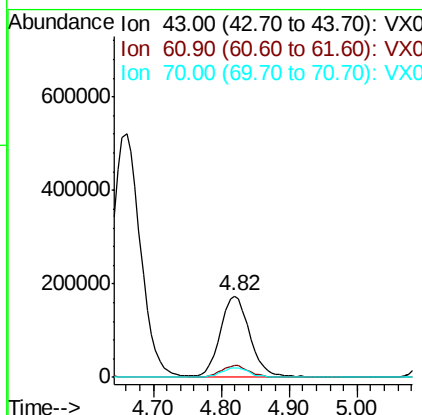
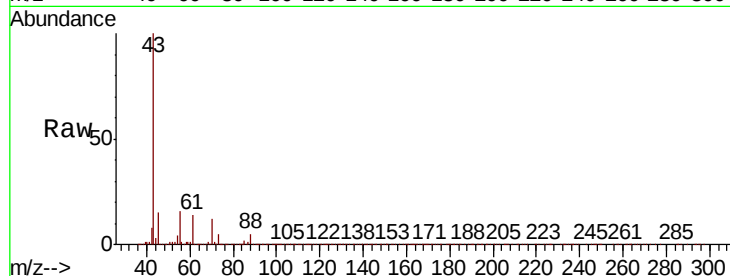
#37
Ethyl Acetate
Concen: 50.953 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	11.3	8.7	13.1

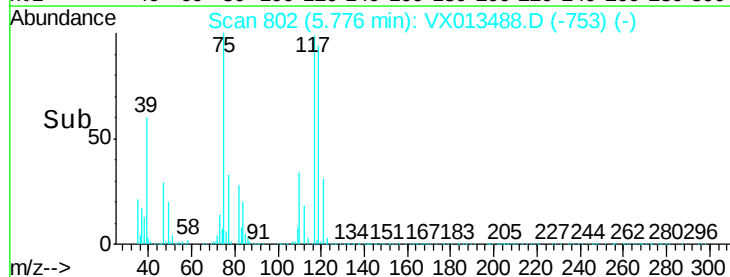
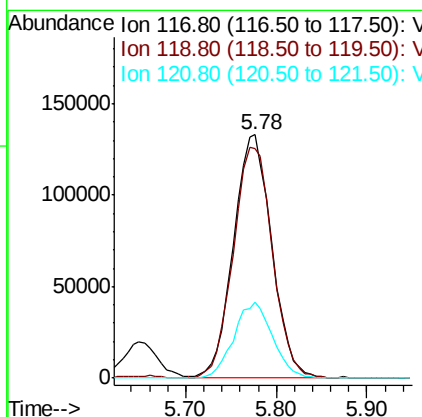
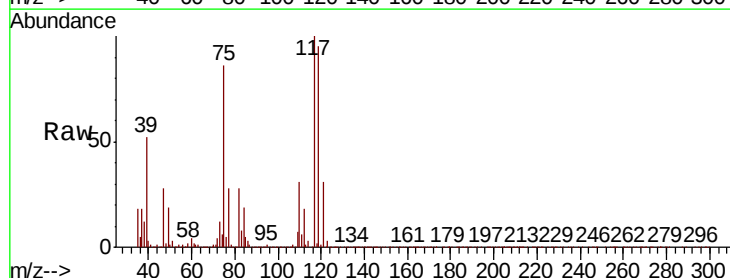
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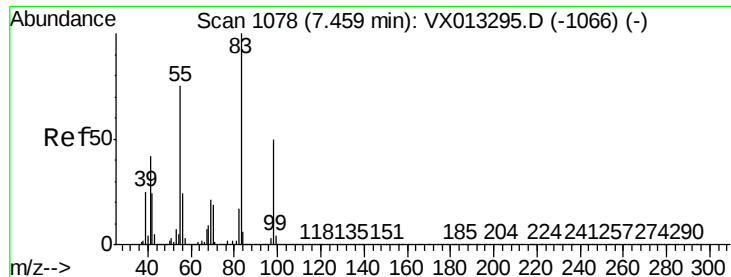
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#38
Carbon Tetrachloride
Concen: 47.744 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.1	114.1
121	30.9	24.6	37.0





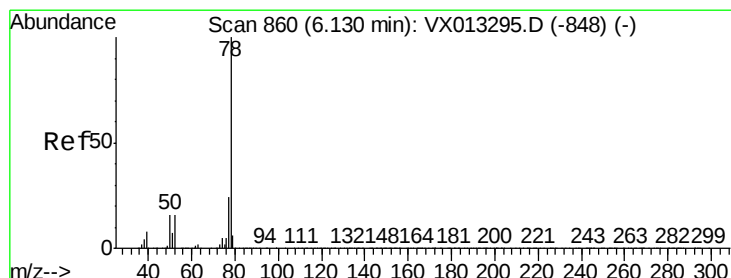
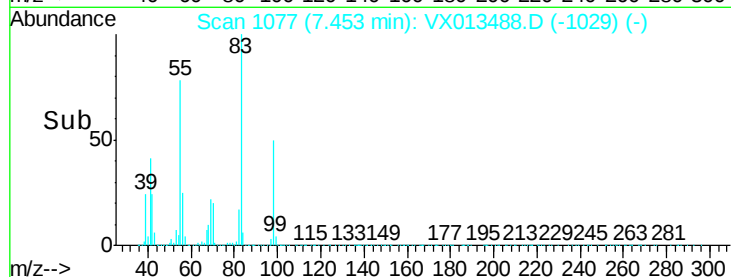
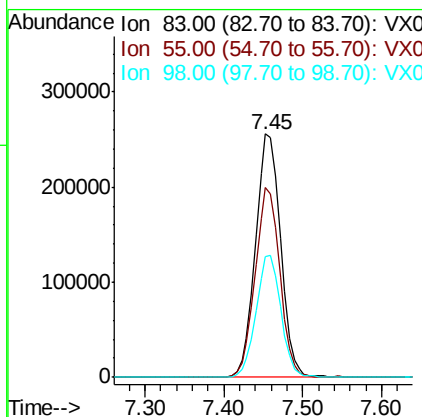
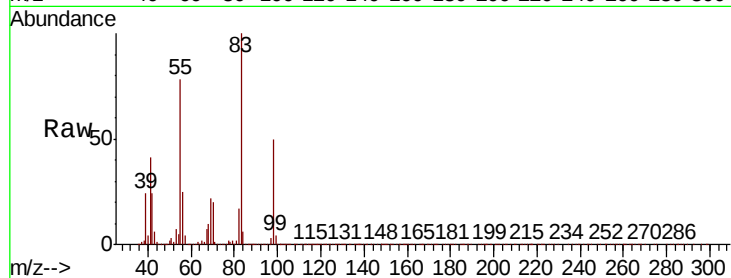
#39
Methvlcvclohexane
Concen: 54.978 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	60.3	90.5
98	49.7	40.3	60.5

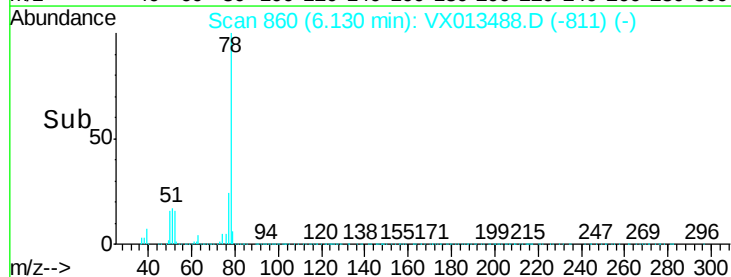
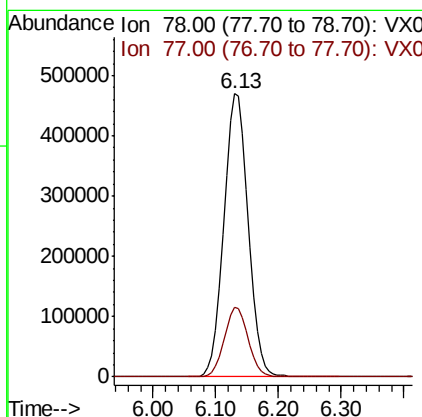
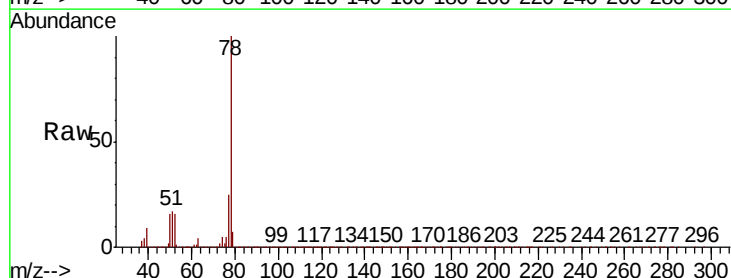
Manual Integrations
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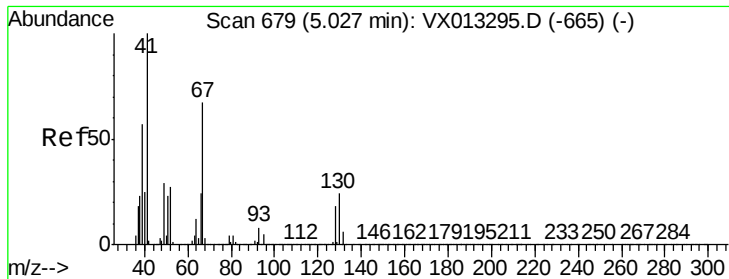
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#40
Benzene
Concen: 48.710 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





#41

Methacrylonitrile

Concen: 50.472 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

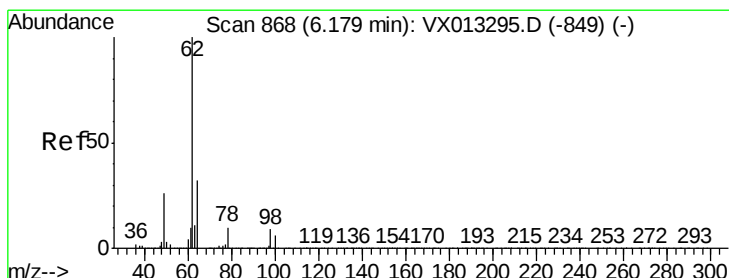
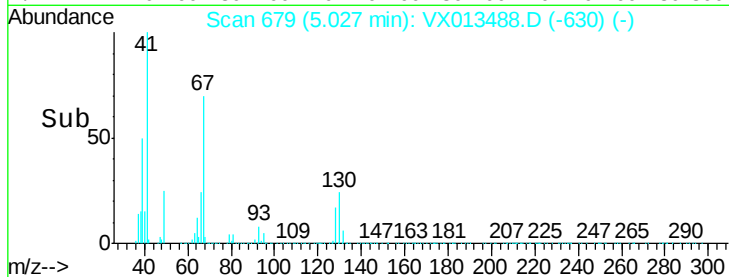
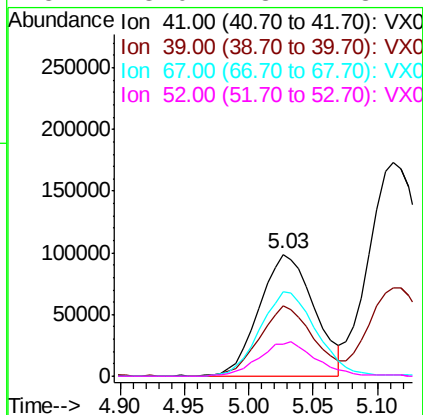
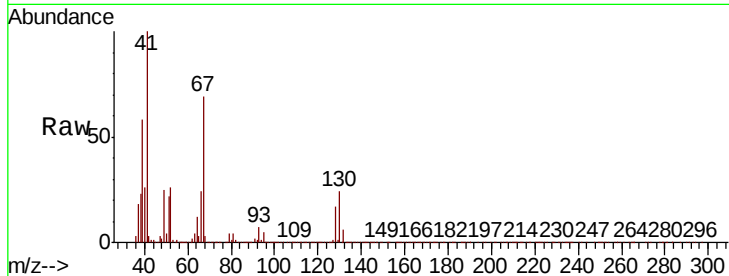
ClientSampleId :

MW-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		290185		
39	55.9	45.0	67.6		
67	71.2	55.4	83.2		
52	28.0	23.1	34.7		

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#42

1,2-Dichloroethane

Concen: 47.591 ug/l

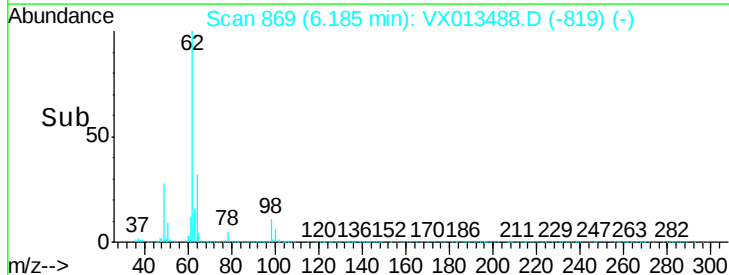
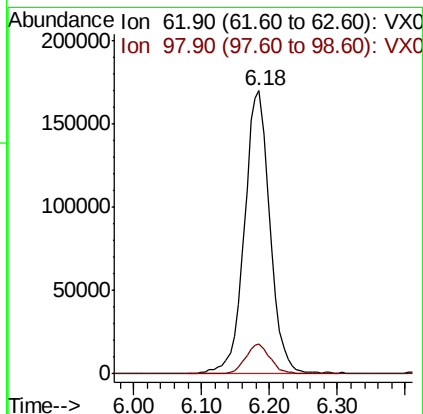
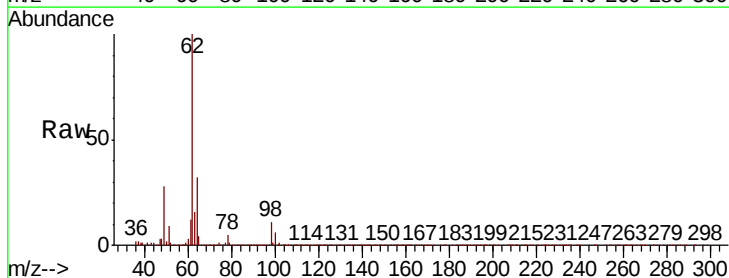
RT: 6.18 min Scan# 869

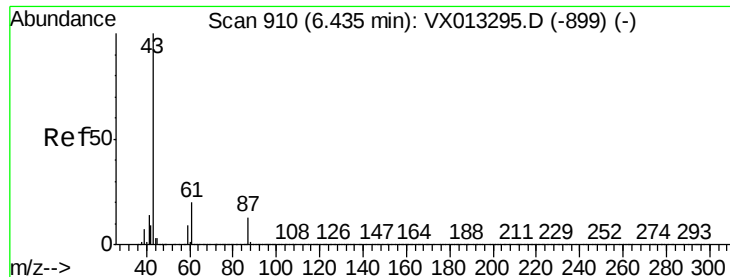
Delta R.T. 0.01 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		443893		
98	10.2	0.0	19.4		





#43

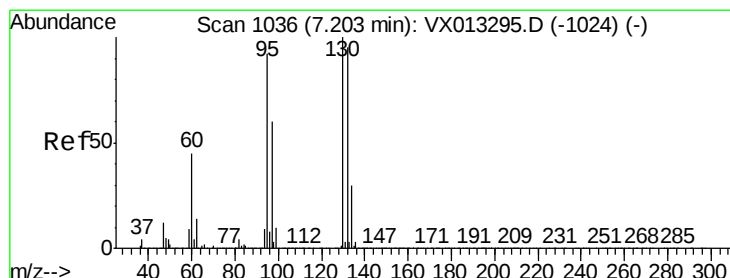
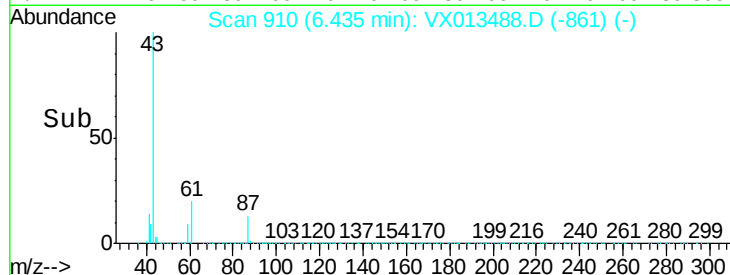
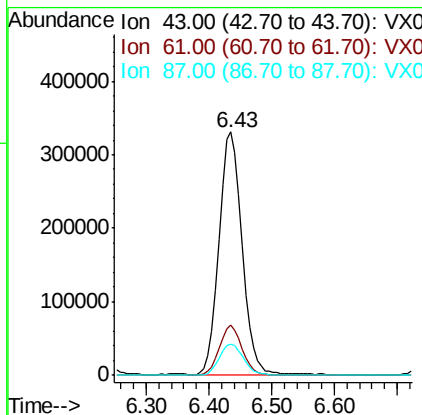
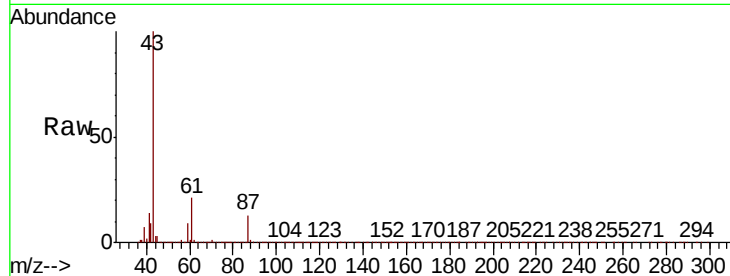
Isopropyl Acetate
 Concen: 52.542 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.8
87	13.4	10.4	15.6

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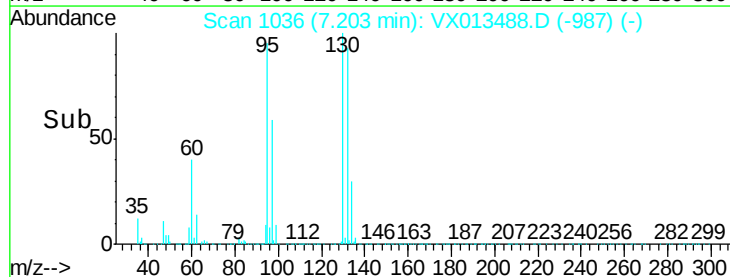
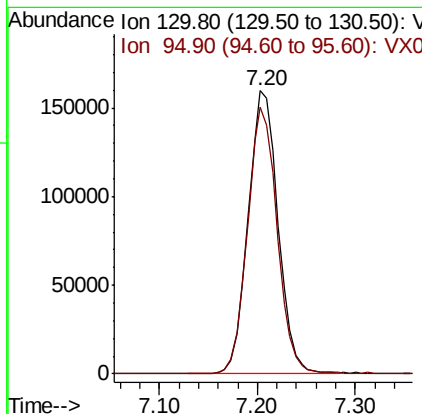
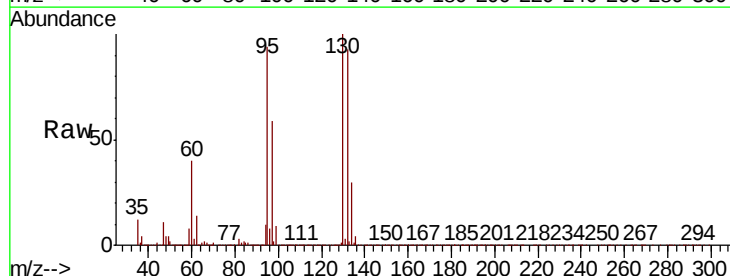
MMDadoda
 11/22/2019 12:54:29 AM

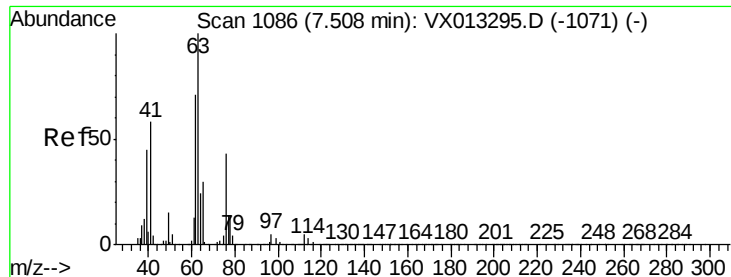


#44

Trichloroethene
 Concen: 47.778 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	184.8





#45

1,2-Dichloropropane

Concen: 50.032 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 63 Resp: 329640

Ion Ratio Lower Upper

63 100

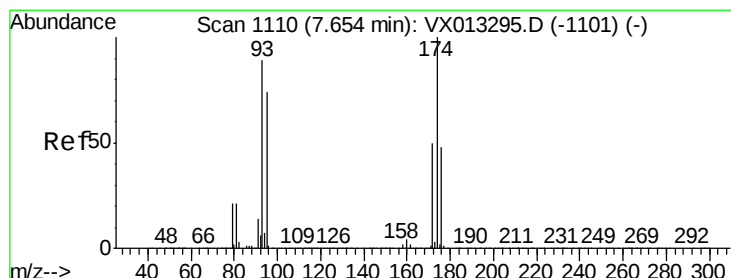
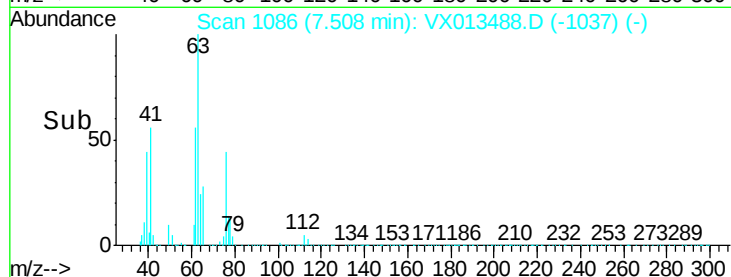
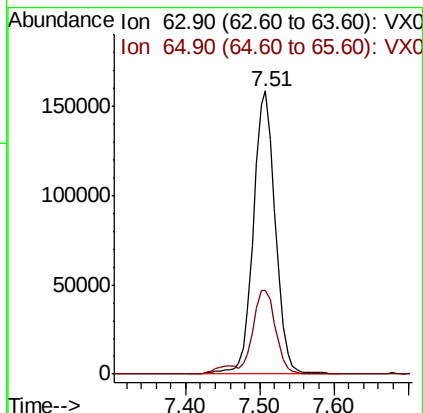
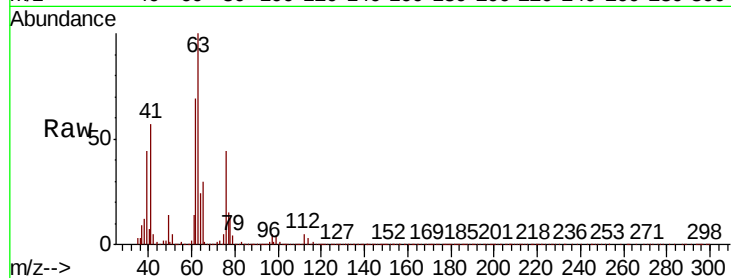
65 29.5 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 49.021 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

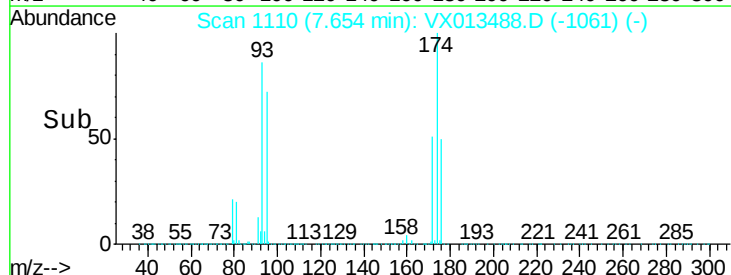
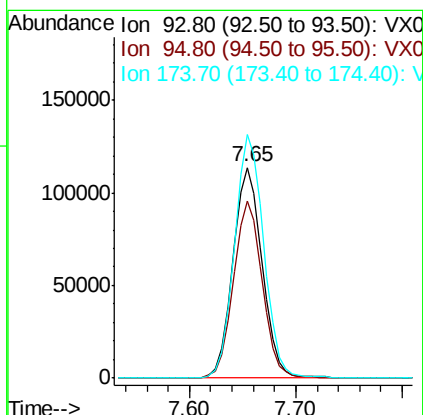
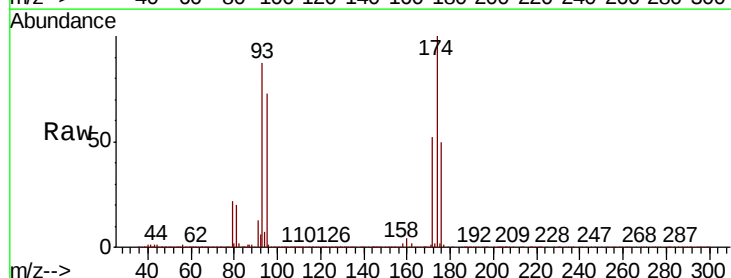
Tgt Ion: 93 Resp: 220520

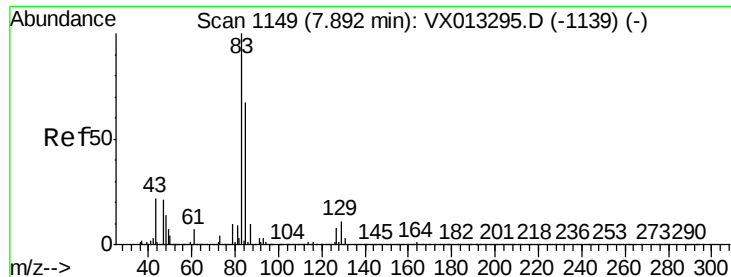
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.6

174 115.2 90.4 135.6





#47

Bromodichloromethane

Concen: 51.332 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

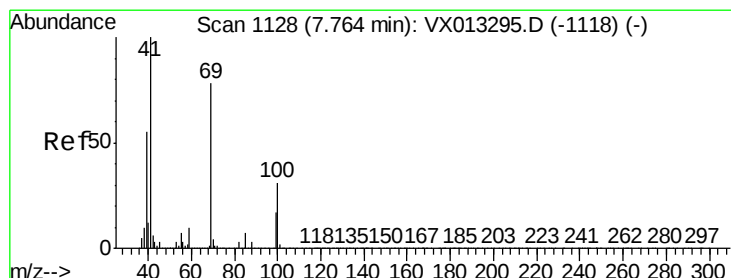
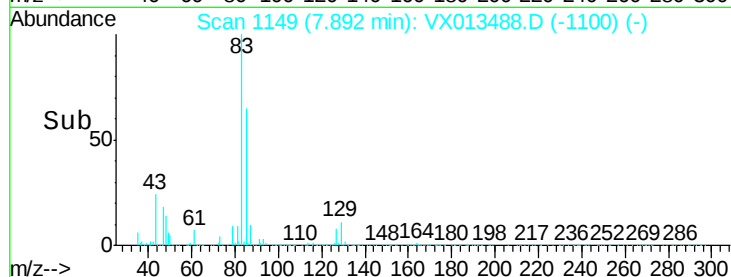
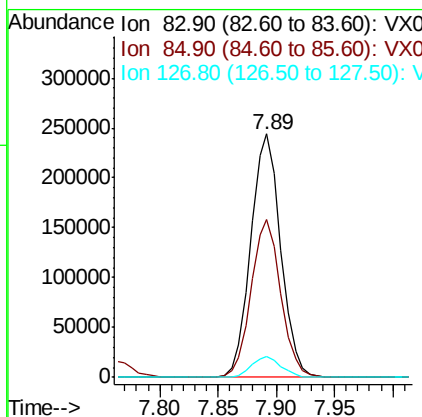
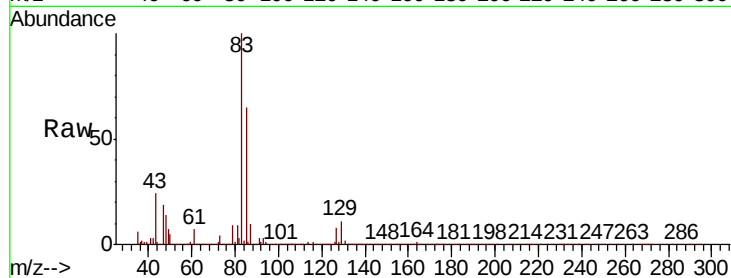
ClientSampleId :

MW-3MSD

Tot Ion:	83	Resp:	435441
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.7	80.5
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.706 ug/l

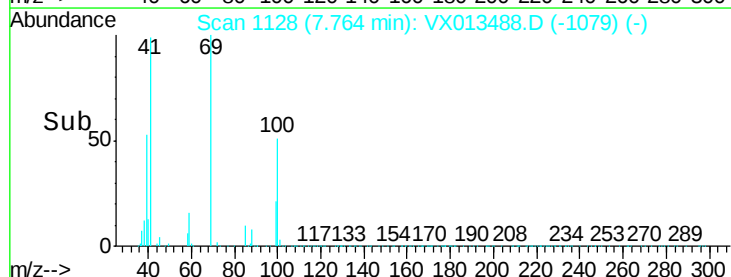
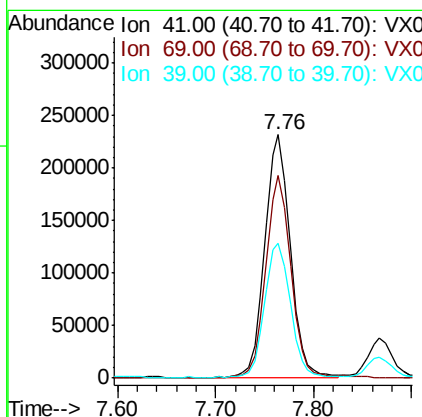
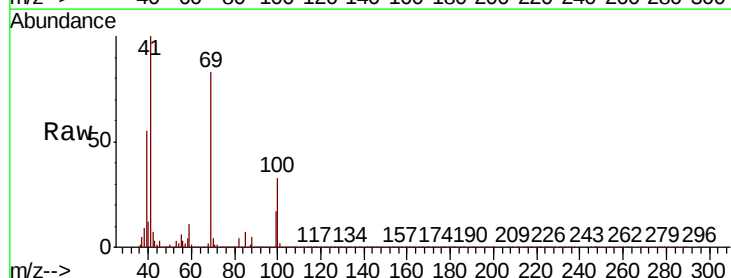
RT: 7.76 min Scan# 1128

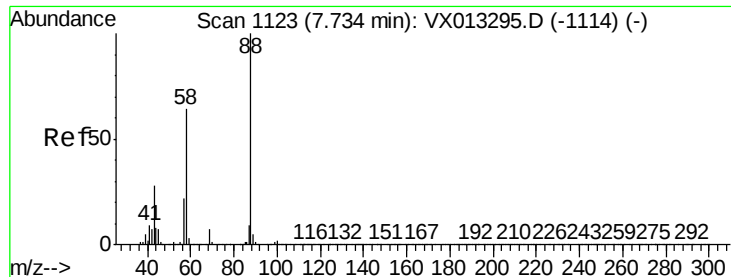
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:	41	Resp:	420239
Ion Ratio	Lower	Upper	
41	100		
69	83.1	63.0	94.6
39	56.1	45.9	68.9





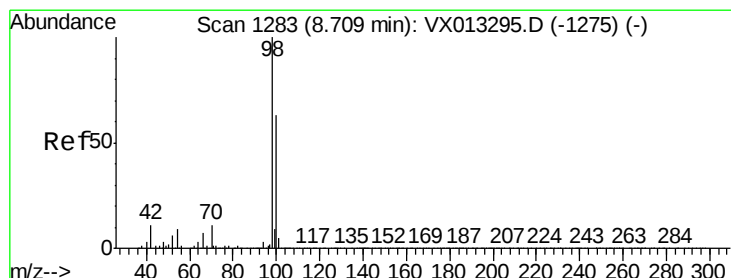
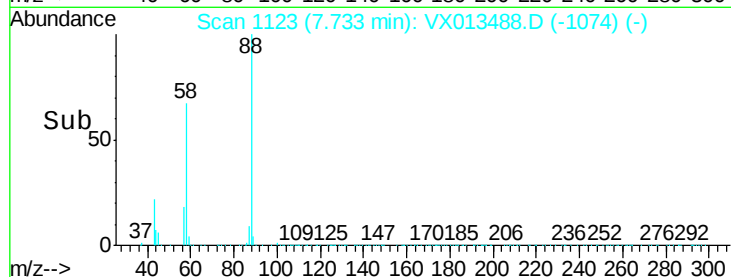
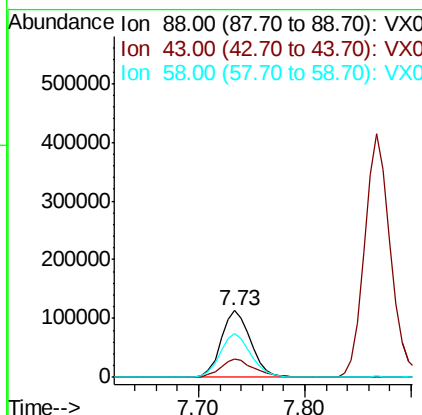
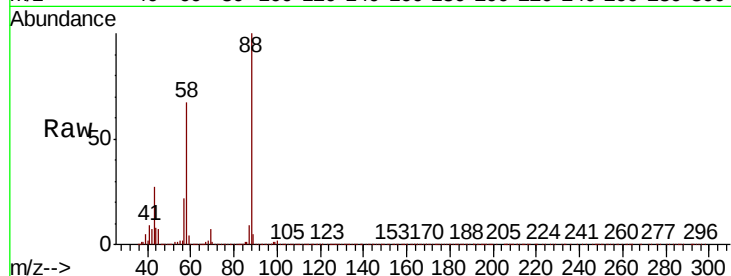
#49
1,4-Dioxane
Concen: 1197.848 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.6	39.8
58	68.2	55.0	82.6

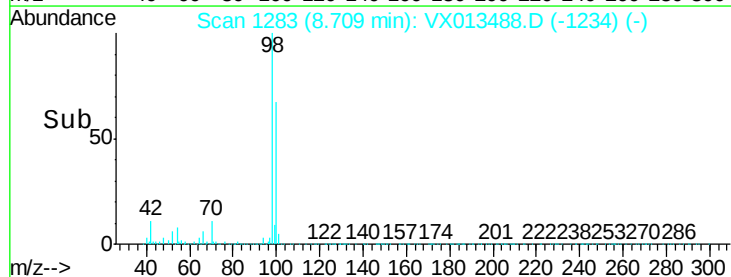
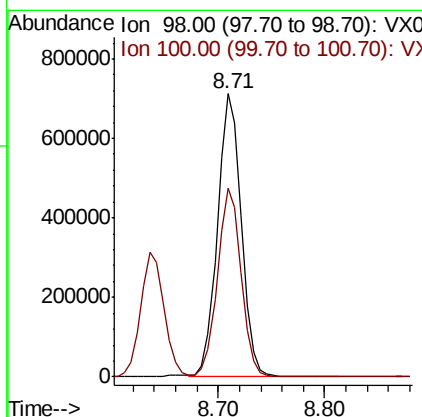
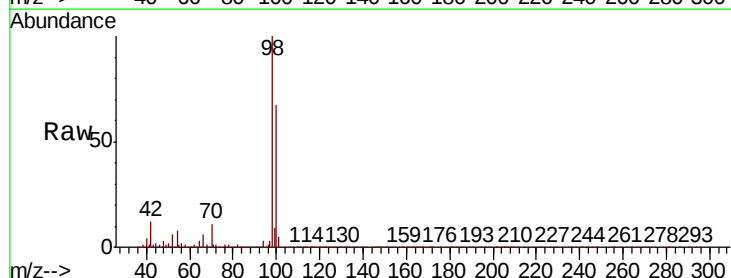
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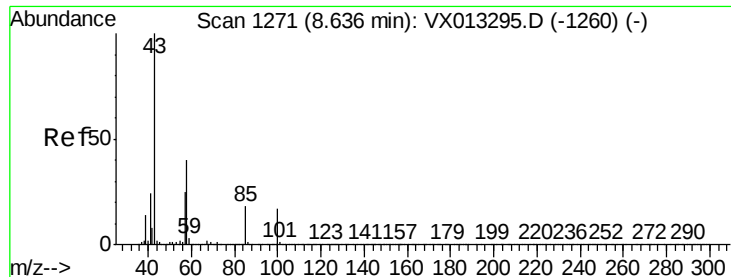
MMDadoda
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#50
Toluene-d8
Concen: 47.994 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 277.080 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 43 Resp: 2903687

Ion Ratio Lower Upper

43 100

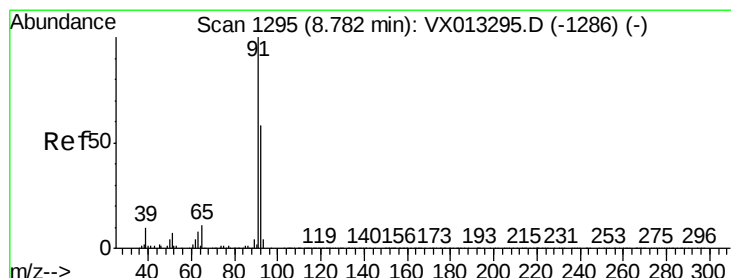
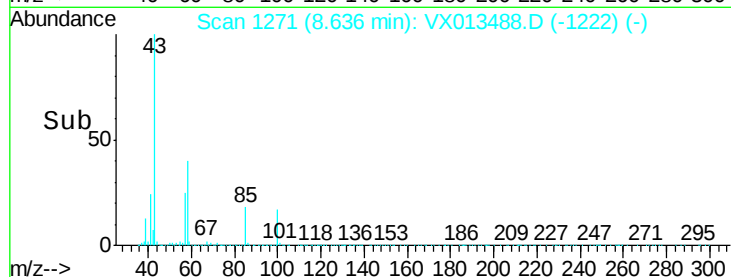
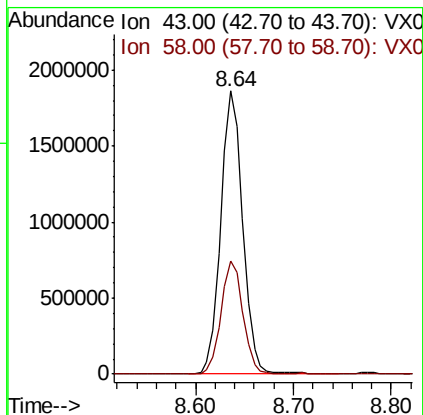
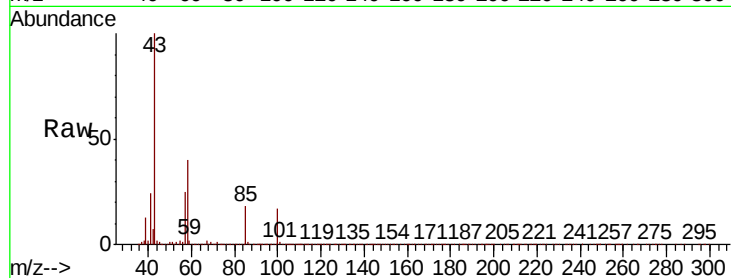
58 39.8 31.4 47.0

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#52

Toluene

Concen: 49.295 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013488.D

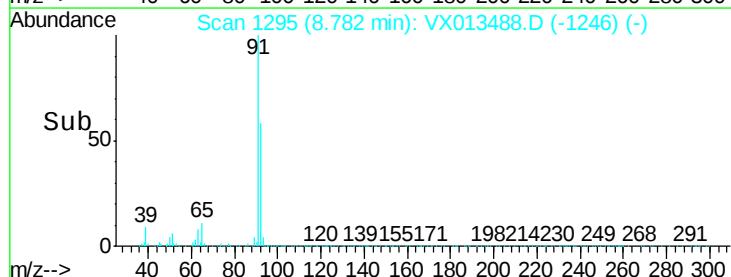
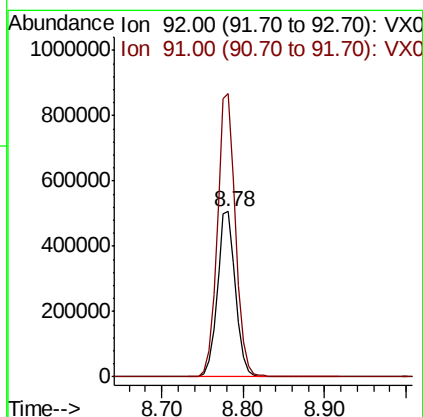
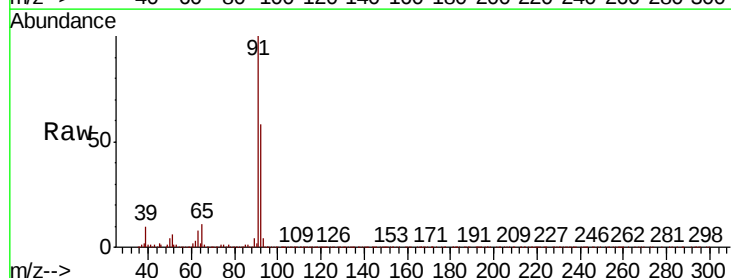
Acq: 20 Nov 2019 19:28

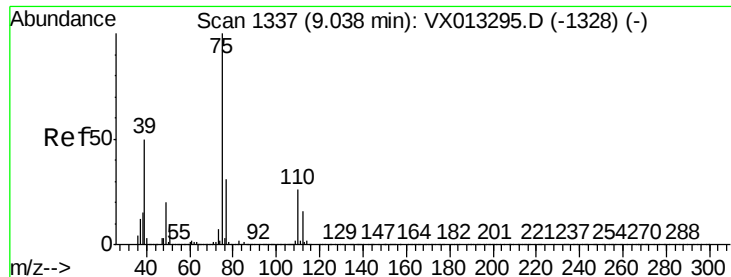
Tgt Ion: 92 Resp: 790041

Ion Ratio Lower Upper

92 100

91 171.0 138.0 207.0





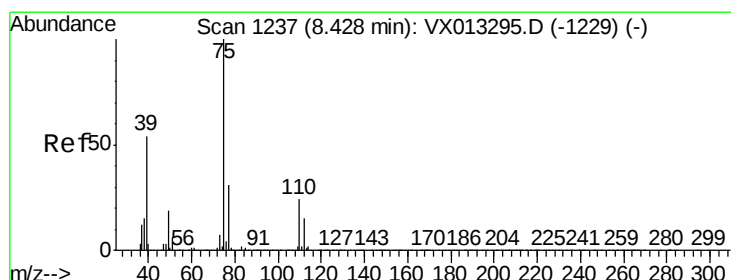
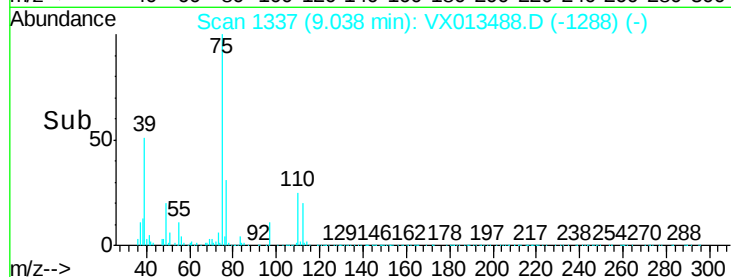
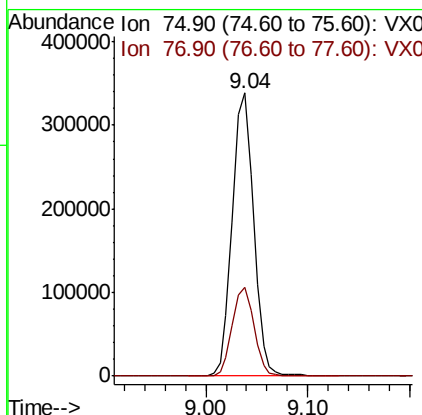
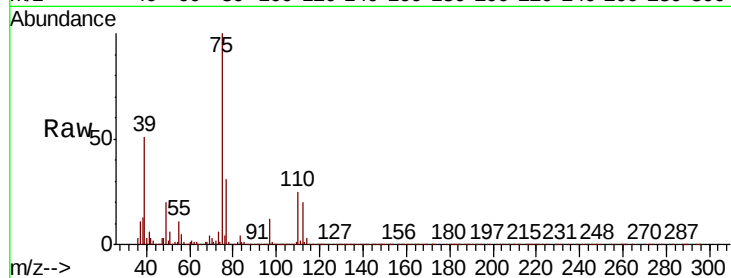
#53
t-1,3-Dichloropropene
Concen: 52.701 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4

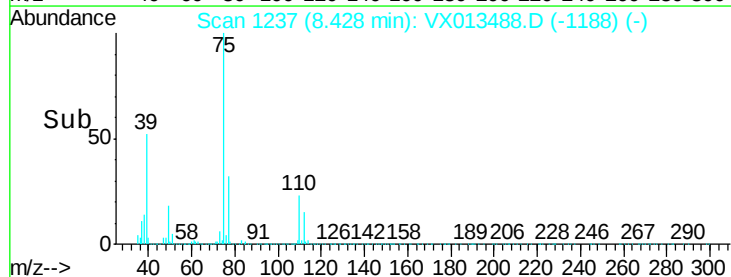
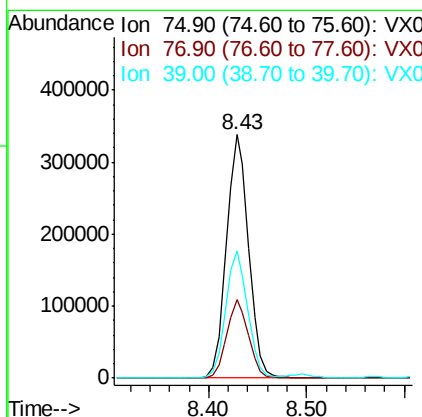
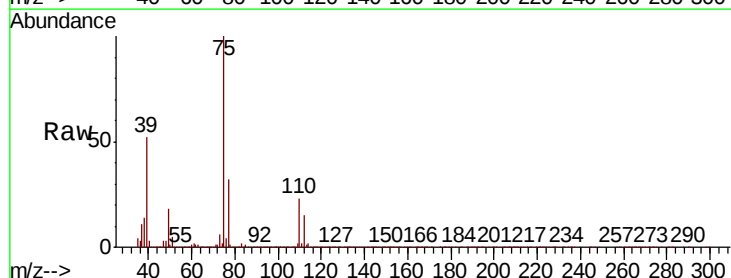
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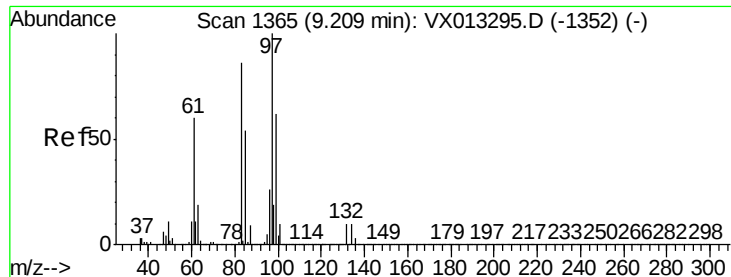
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#54
cis-1,3-Dichloropropene
Concen: 51.074 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.7	37.1
39	51.9	43.0	64.6





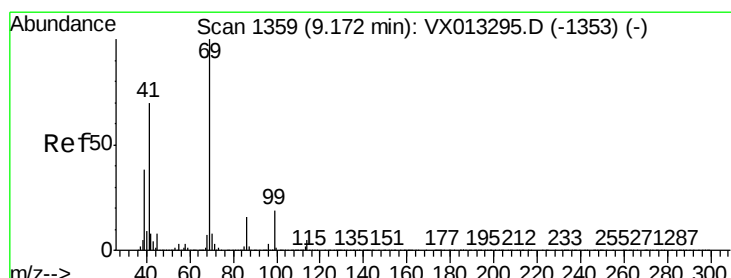
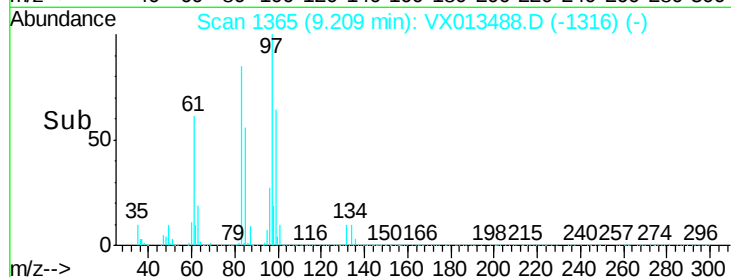
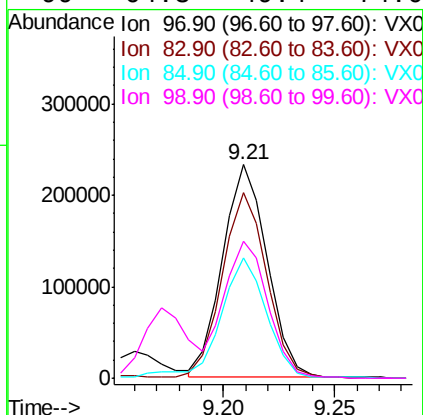
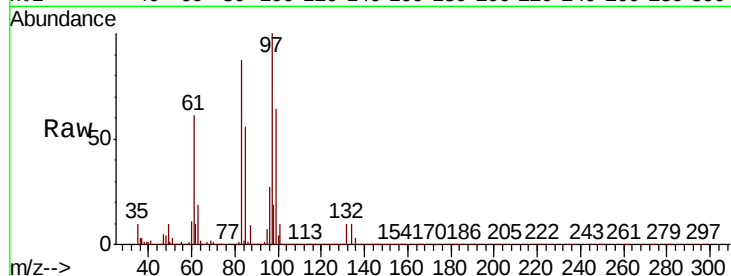
#55
 1,1,2-Trichloroethane
 Concen: 48.781 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion:	97	Resp:	324048
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.6	103.0
85	55.9	43.1	64.7
99	64.3	49.4	74.0

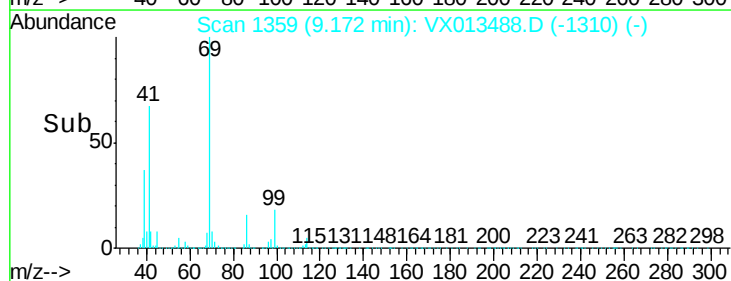
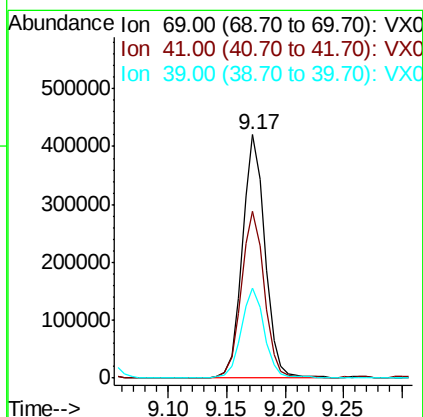
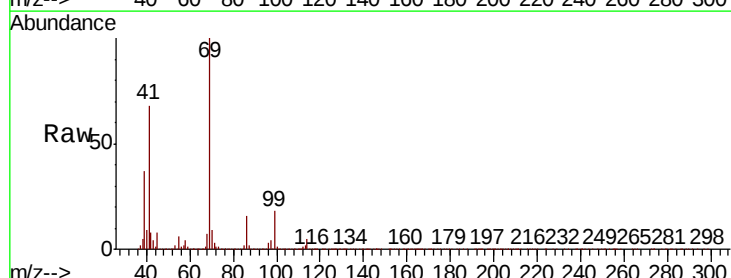
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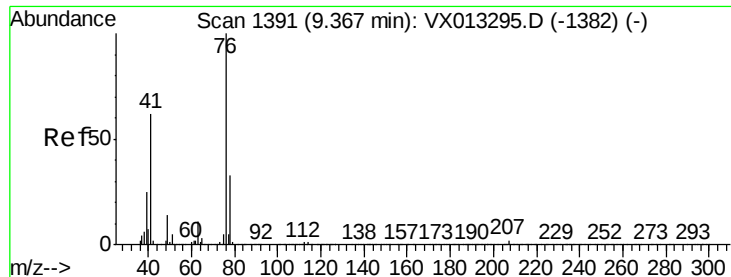
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 11/22/2019 12:54:29 AM



#56
 Ethyl methacrylate
 Concen: 50.175 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion:	69	Resp:	569086
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.2	84.2
39	37.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 50.246 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 76 Resp: 566603

Ion Ratio Lower Upper

76 100

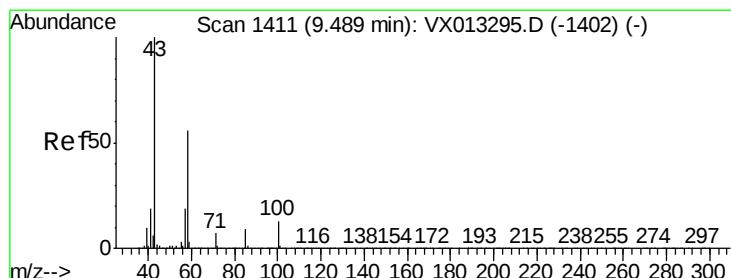
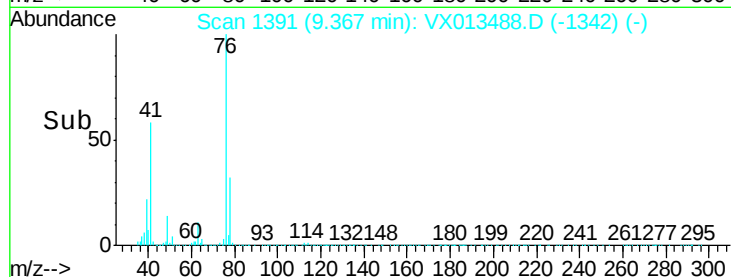
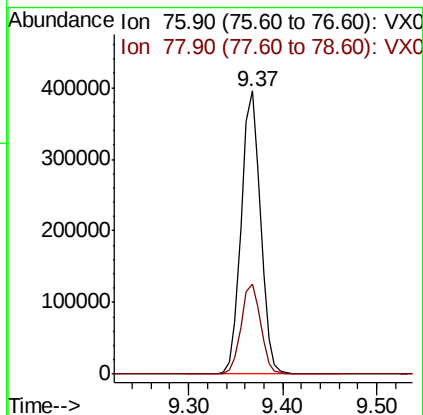
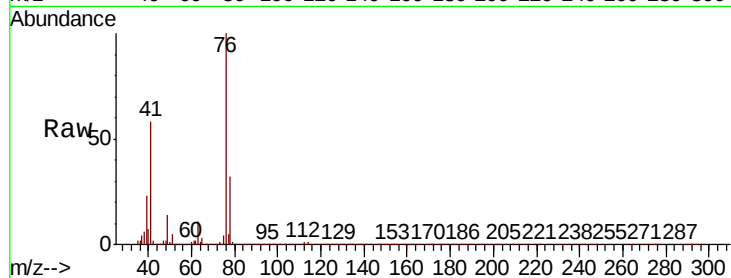
78 32.2 25.8 38.6

Manual Integrations

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#59

2-Hexanone

Concen: 281.330 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013488.D

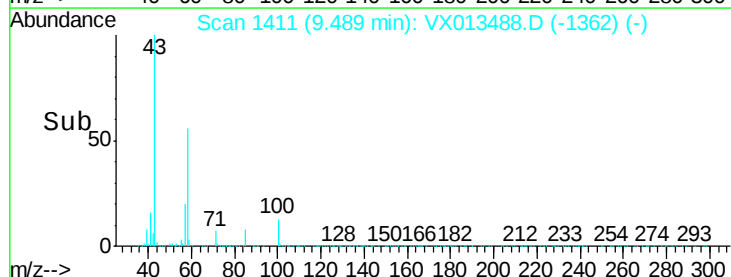
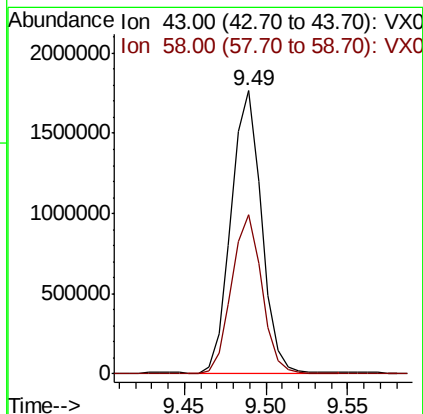
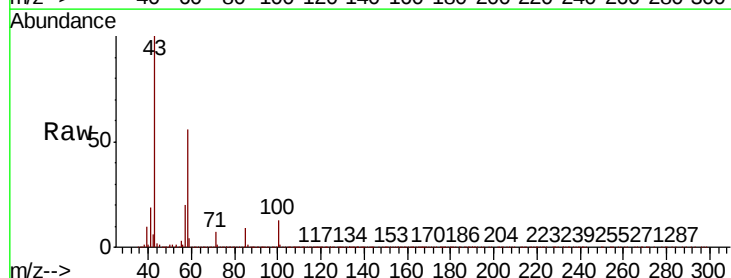
Acq: 20 Nov 2019 19:28

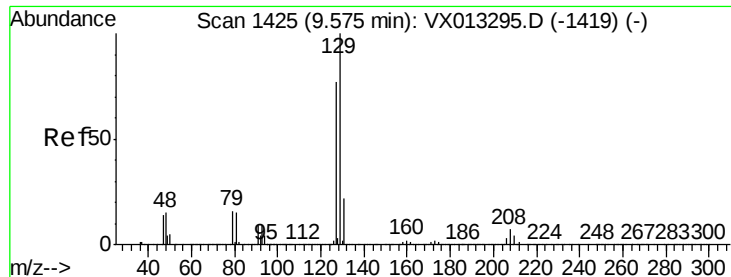
Tgt Ion: 43 Resp: 2278325

Ion Ratio Lower Upper

43 100

58 56.7 27.3 81.8





#60

Dibromochloromethane

Concen: 53.151 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion:129 Resp: 361100

Ion Ratio Lower Upper

129 100

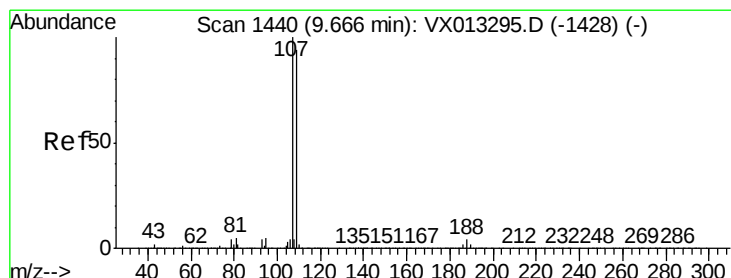
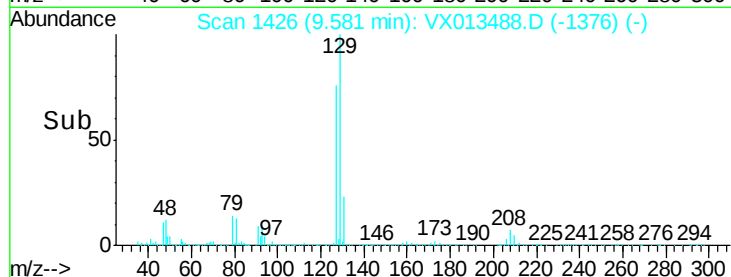
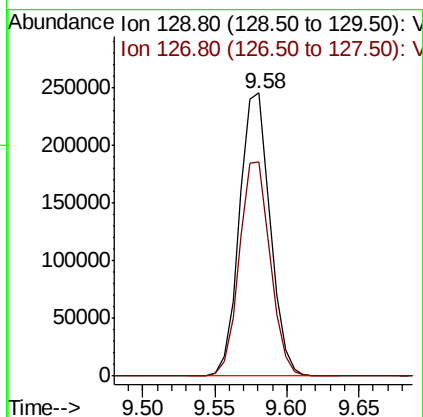
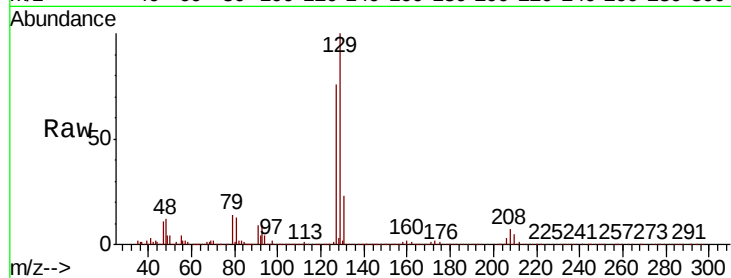
127 76.4 39.1 117.2

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#61

1,2-Dibromoethane

Concen: 50.036 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013488.D

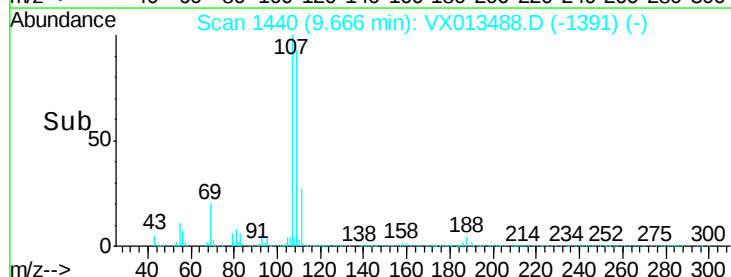
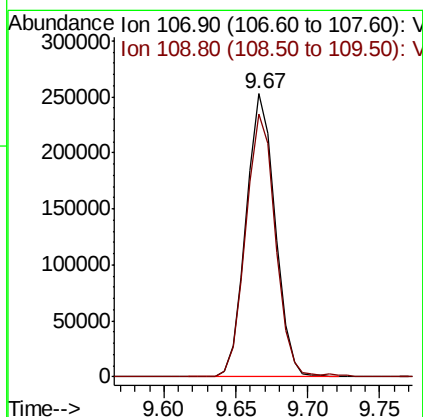
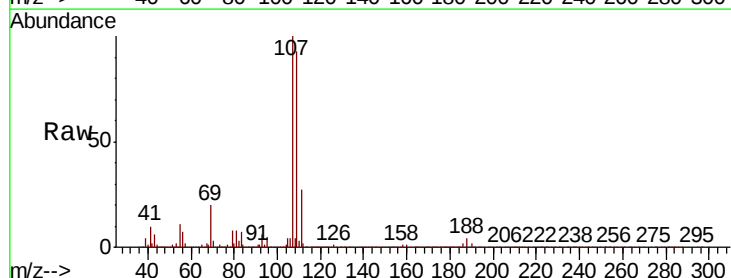
Acq: 20 Nov 2019 19:28

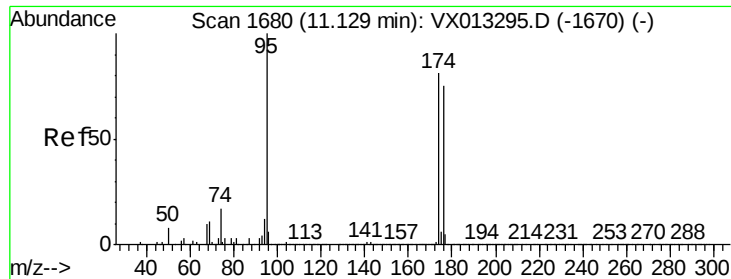
Tgt Ion:107 Resp: 352950

Ion Ratio Lower Upper

107 100

109 94.5 75.1 112.7





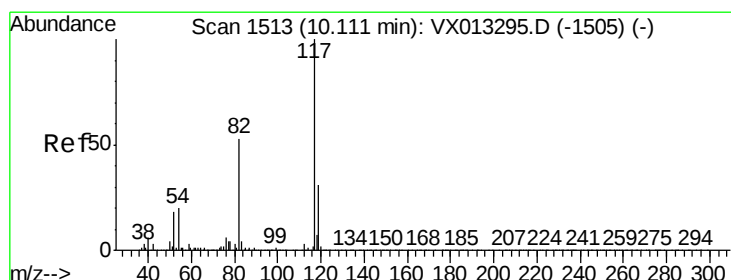
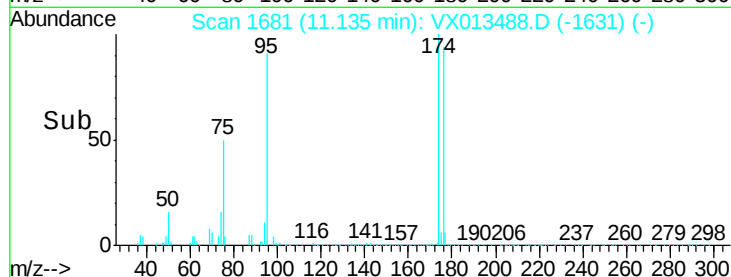
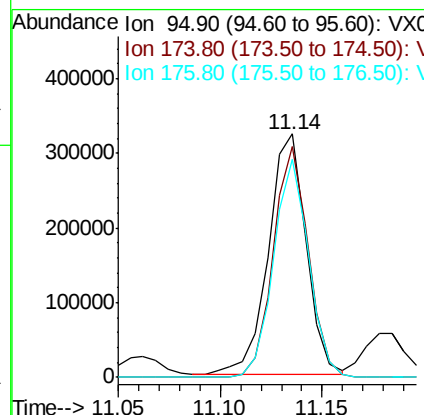
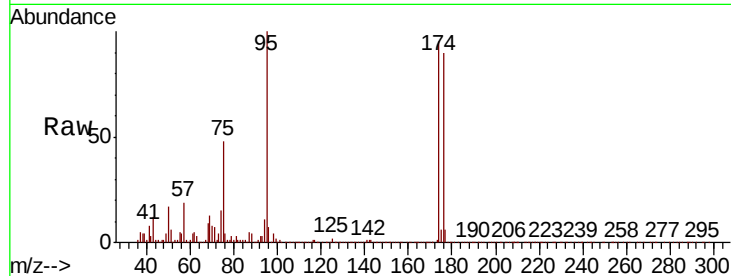
#62
4-Bromofluorobenzene
Concen: 50.754 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	419114		
174	88.4	0.0	179.8	
176	84.1	0.0	173.0	

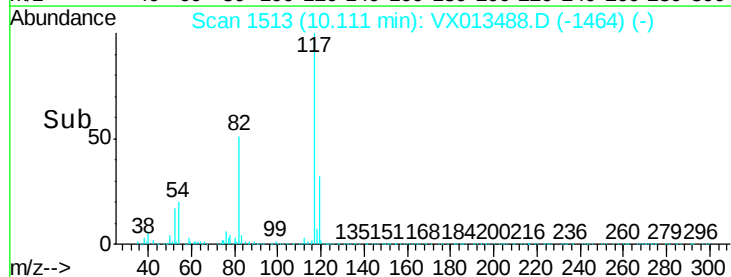
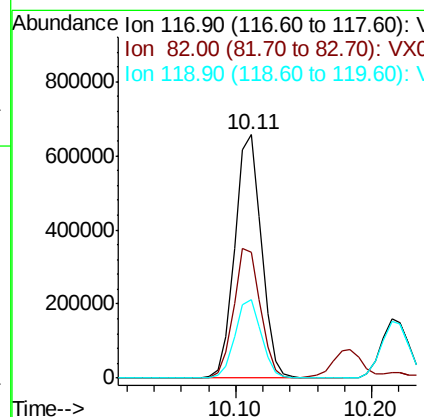
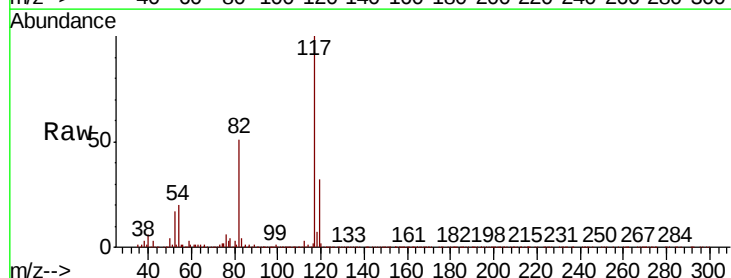
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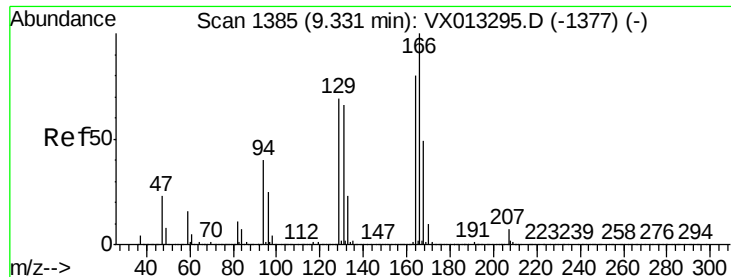
MMDadoda
11/22/2019 12:54:29 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	890339		
82	51.2	42.6	64.0	
119	32.3	24.8	37.2	





#64

Tetrachloroethene

Concen: 45.451 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

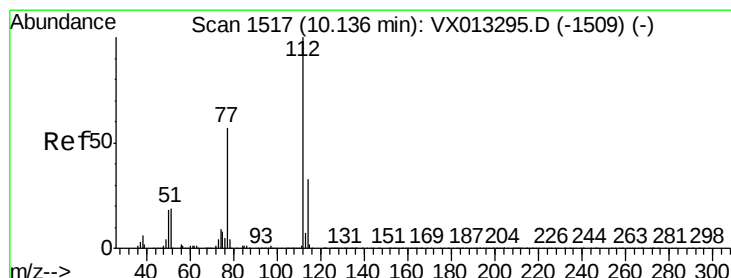
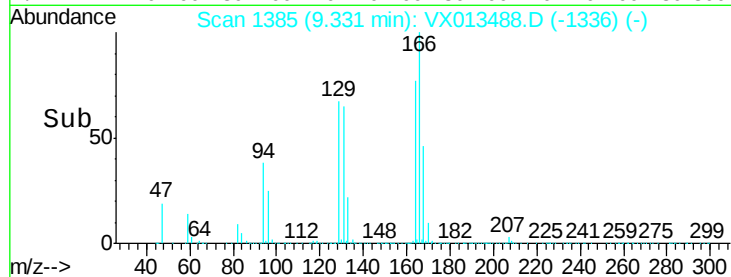
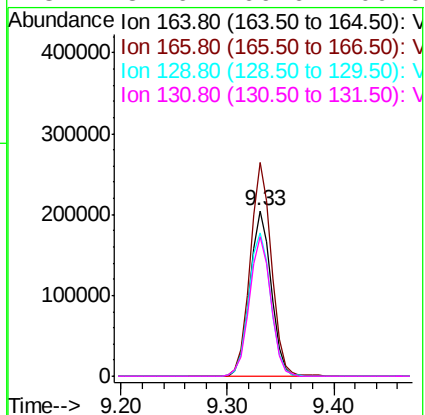
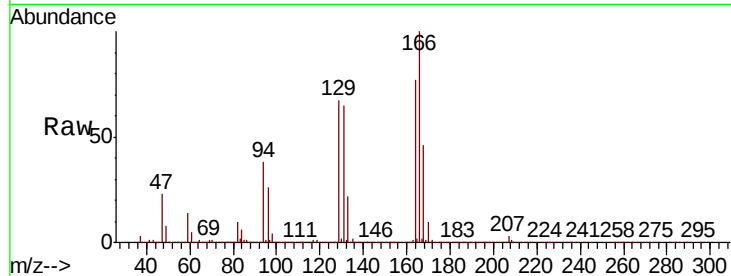
ClientSampleId :

MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.3	100.4	150.6	
129	86.5	69.4	104.2	
131	84.6	66.6	100.0	

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#65

Chlorobenzene

Concen: 48.198 ug/l

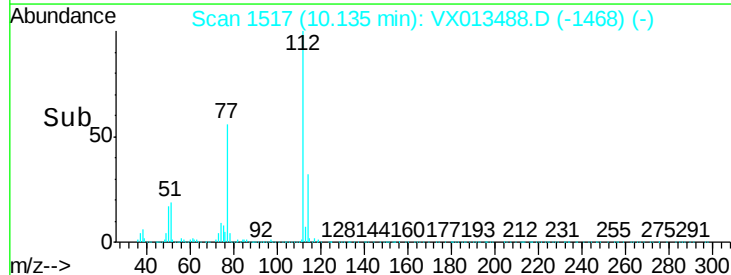
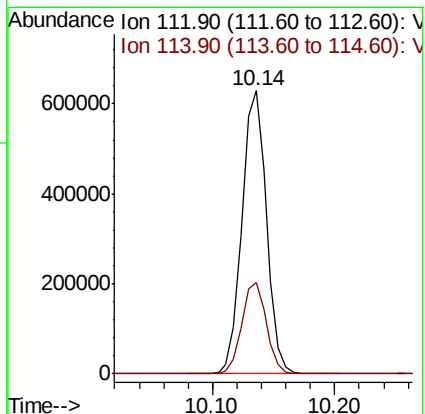
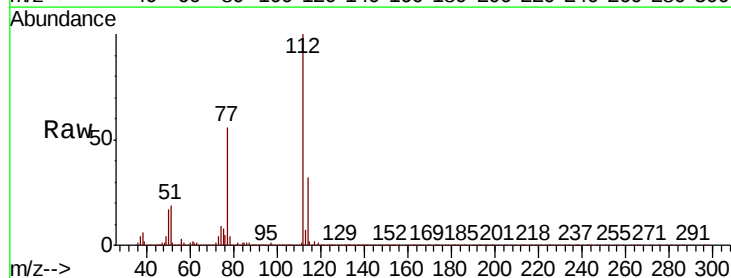
RT: 10.14 min Scan# 1517

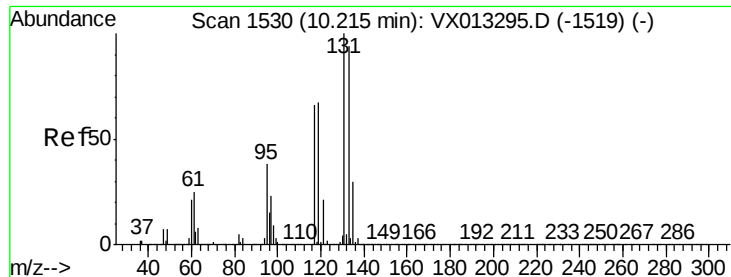
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.0	26.4	39.6	





#66

1,1,1,2-Tetrachloroethane

Concen: 49.979 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

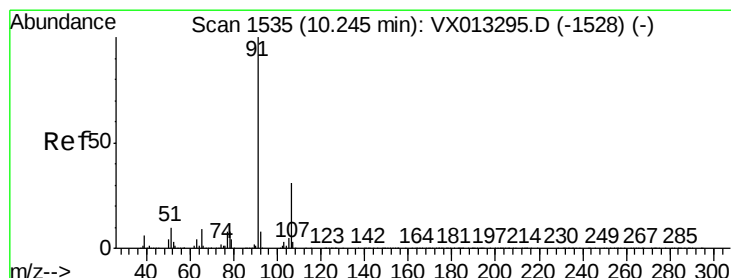
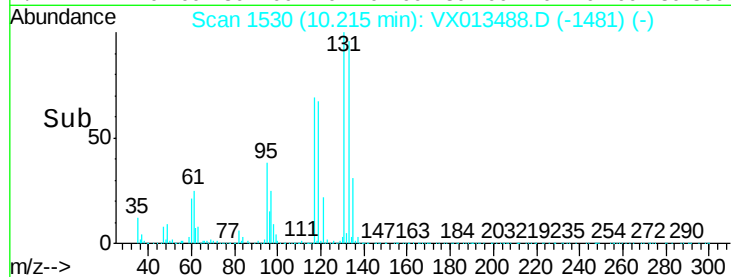
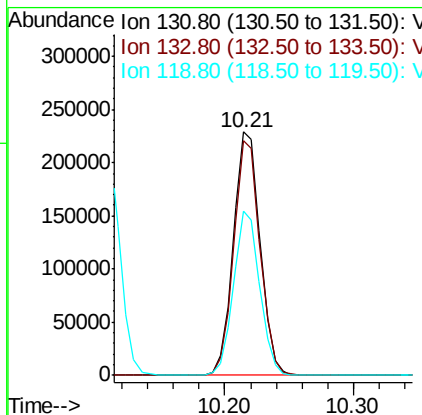
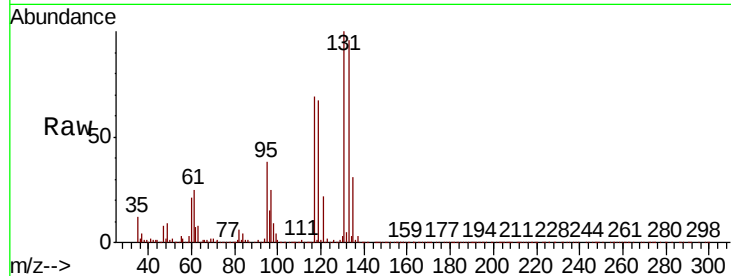
ClientSampleId :

MW-3MSD

Tot Ion:	131	Resp:	330784
Ion Ratio	Lower	Upper	
131	100		
133	95.3	48.0	144.0
119	65.7	33.0	99.0

Manual Integrations
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#67

Ethyl Benzene

Concen: 222.205 ug/l

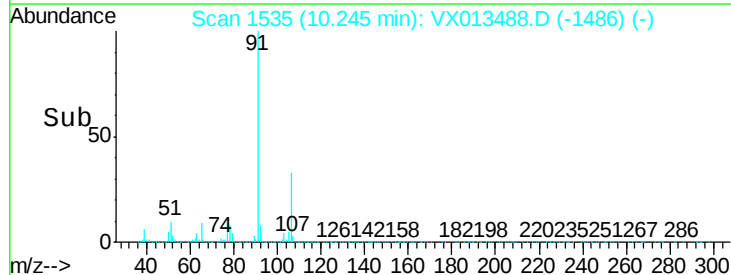
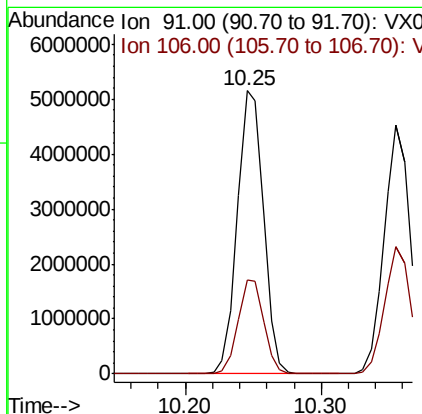
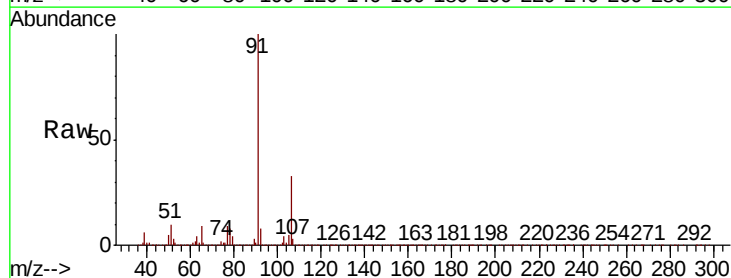
RT: 10.25 min Scan# 1535

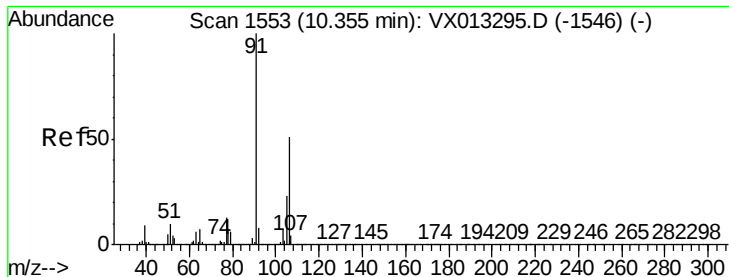
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:	91	Resp:	6912756
Ion Ratio	Lower	Upper	
91	100		
106	33.1	24.6	36.8





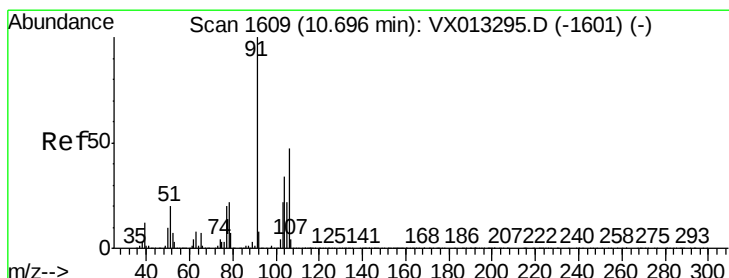
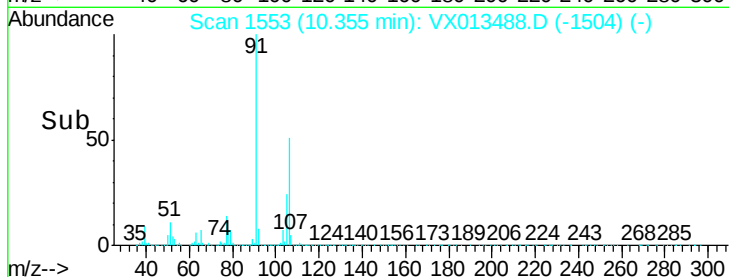
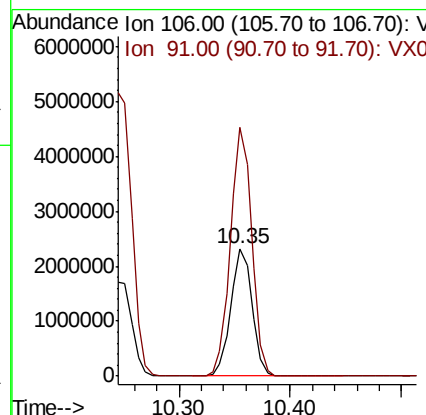
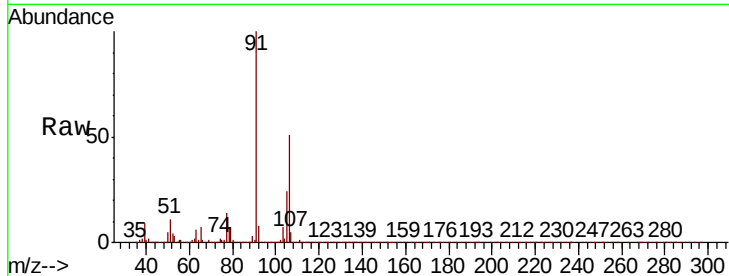
#68
m/p-Xylenes
Concen: 259.951 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion:106 Resp: 3058436
Ion Ratio Lower Upper
106 100
91 196.3 159.3 238.9

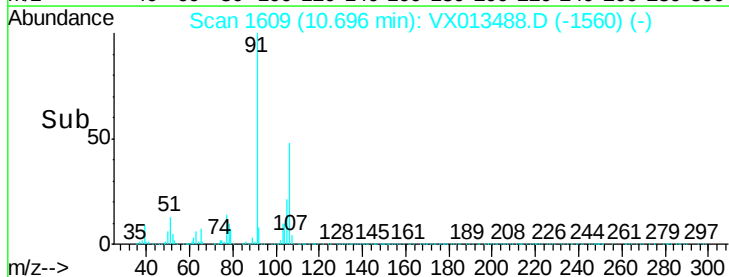
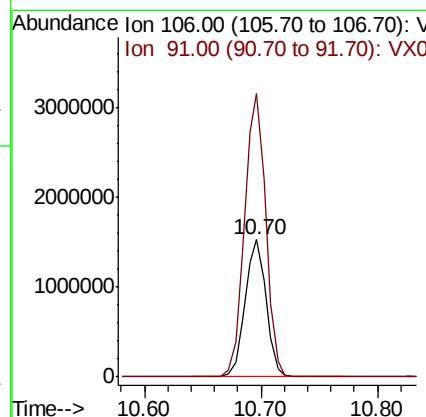
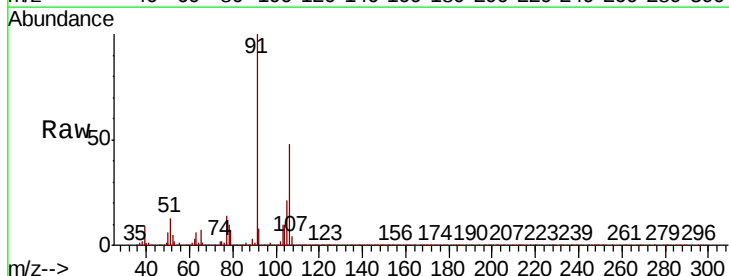
Manual Integrations
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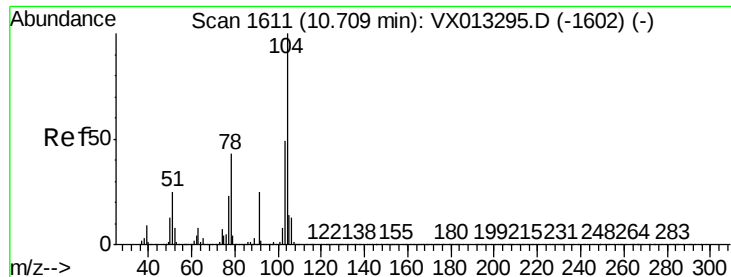
MMDadoda
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#69
o-Xylene
Concen: 166.404 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion:106 Resp: 1916768
Ion Ratio Lower Upper
106 100
91 209.7 105.7 317.0





#70

Stvrene

Concen: 54.687 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion:104 Resp: 1052988

Ion Ratio Lower Upper

104 100

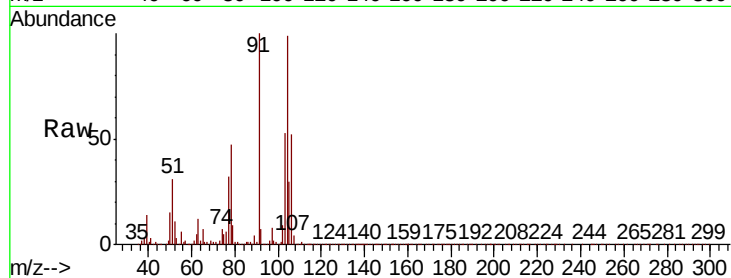
78 63.7 40.0 60.0#

103 68.0 44.1 66.1#

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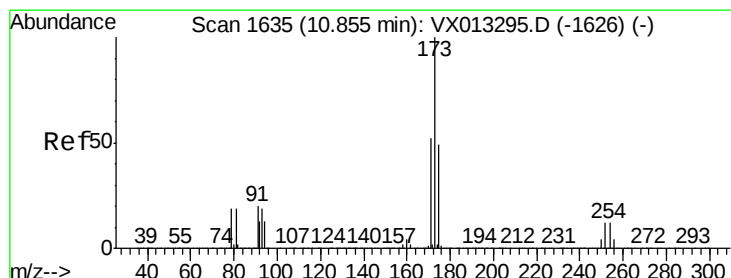
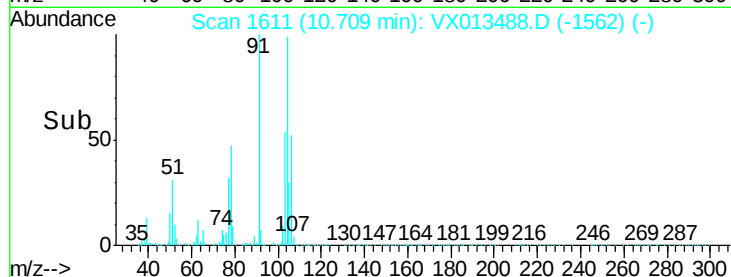
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

10.71

Time-->



#71

Bromoform

Concen: 46.836 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

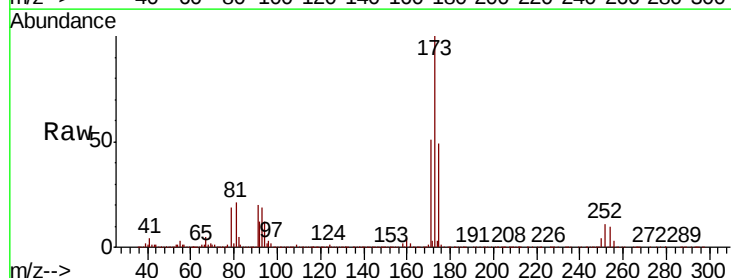
Tgt Ion:173 Resp: 286082

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.4

254 0.2 0.2 0.2



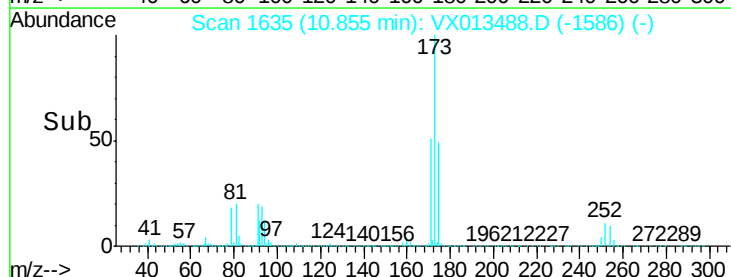
Abundance Ion 172.70 (172.40 to 173.40): V

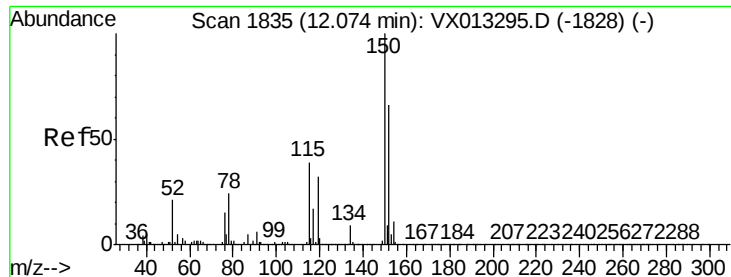
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.85

Time-->





#72

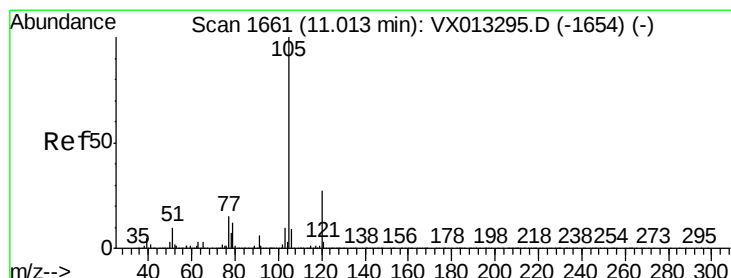
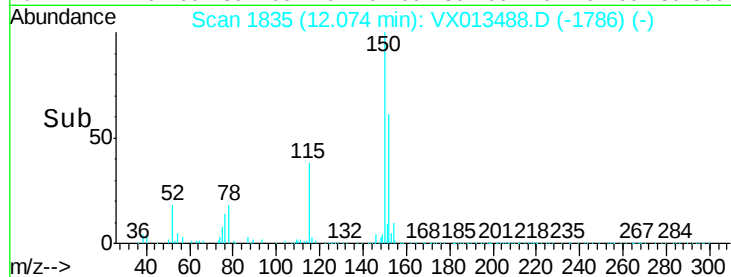
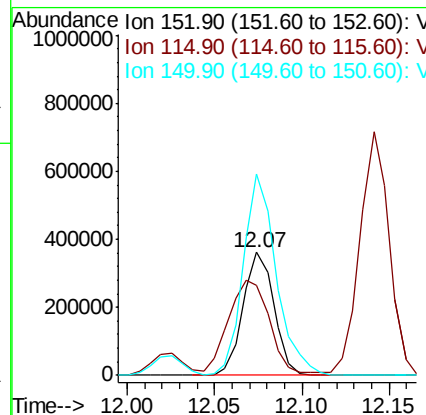
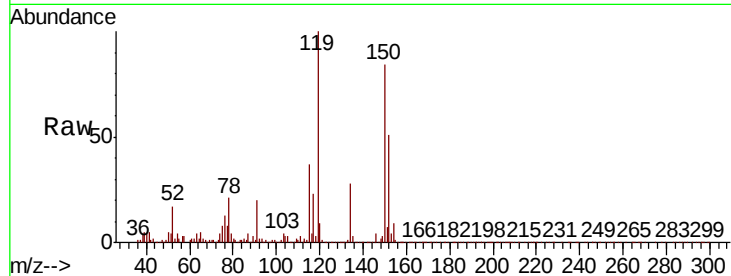
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	100.5	39.5	118.3
150	175.1	0.0	344.4

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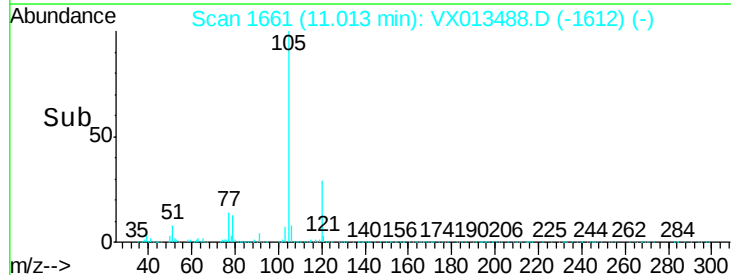
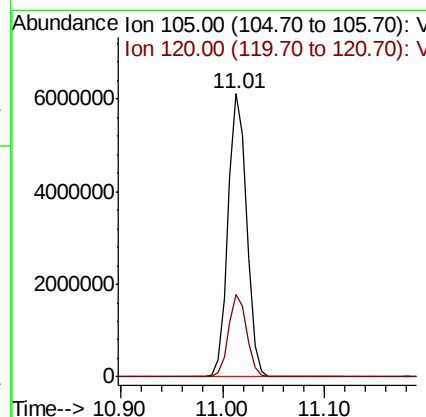
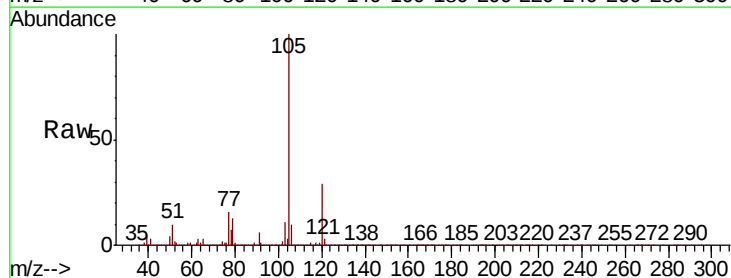
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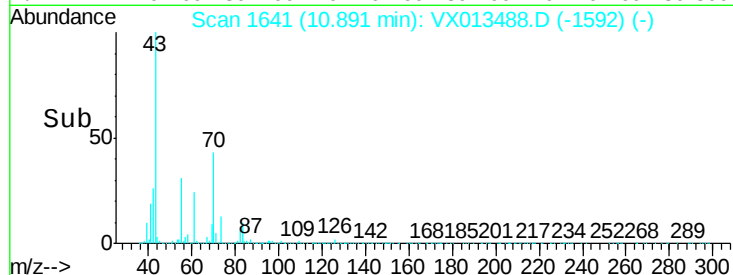
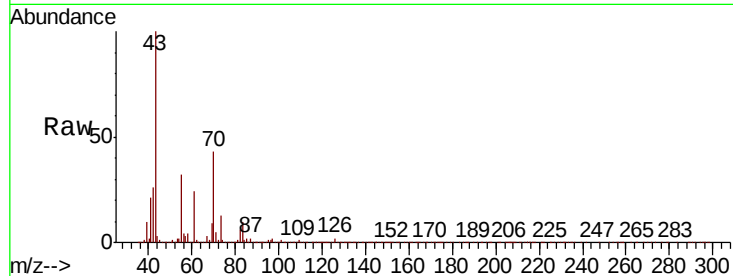
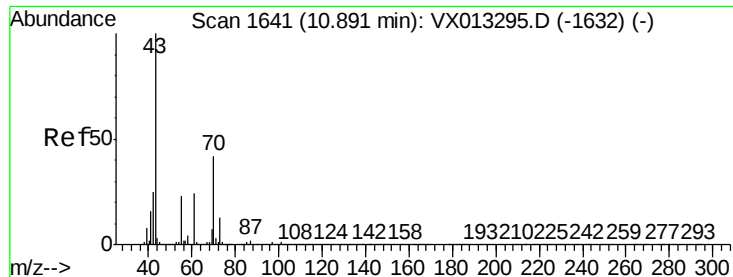


#73

Isopropylbenzene
Concen: 263.327 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.2	13.5	40.5





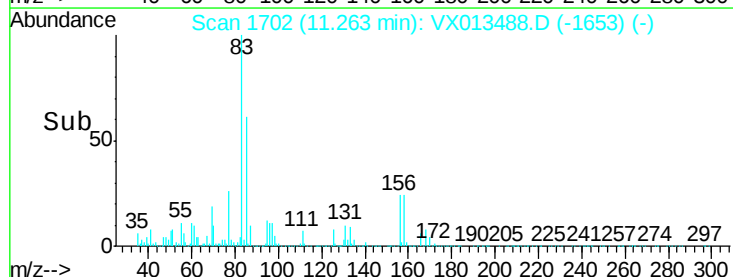
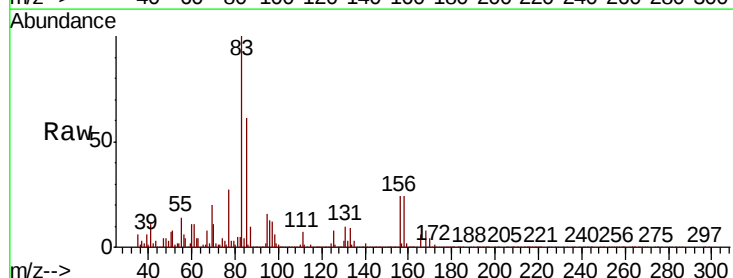
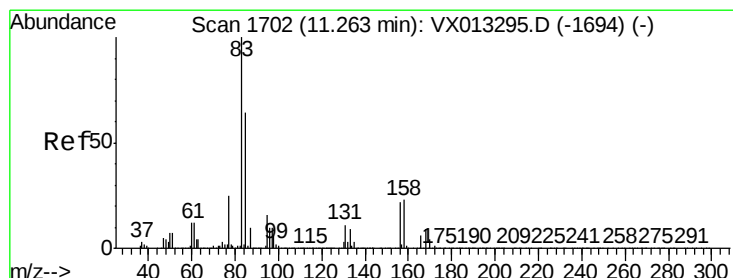
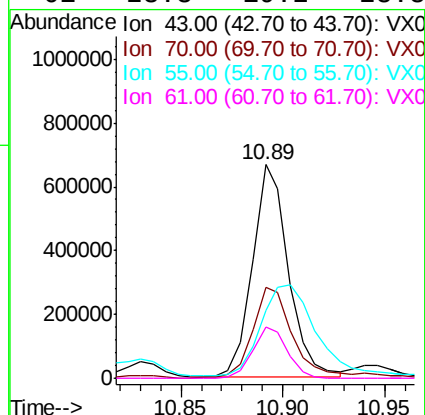
#74
N-amvl acetate
Concen: 60.285 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	49.0	34.1	51.1
55	66.0	18.9	28.3
61	23.3	19.2	28.8

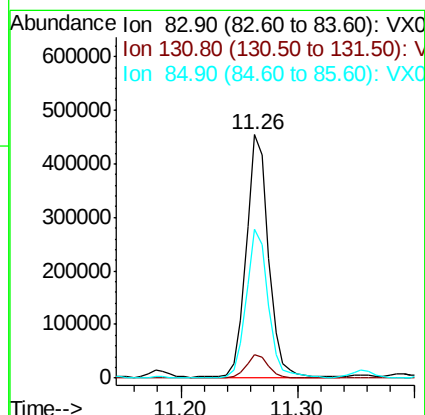
Manual Integrations
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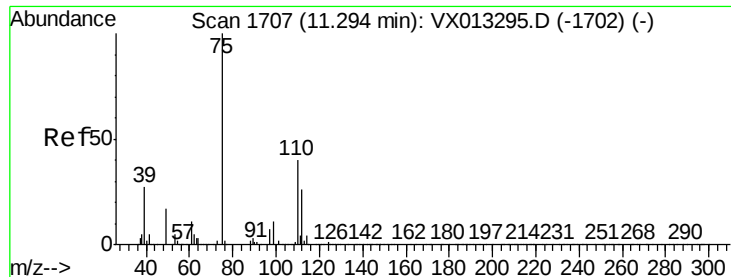
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#75
1,1,2,2-Tetrachloroethane
Concen: 56.062 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.1	15.3
85	61.1	32.3	96.8





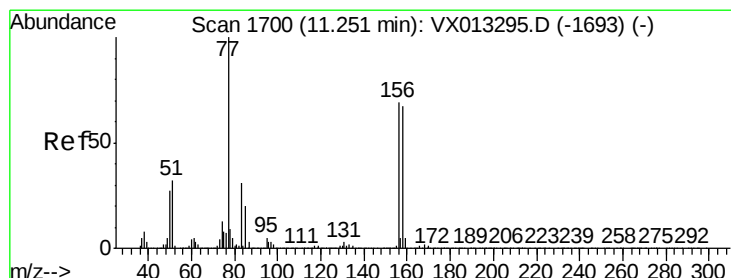
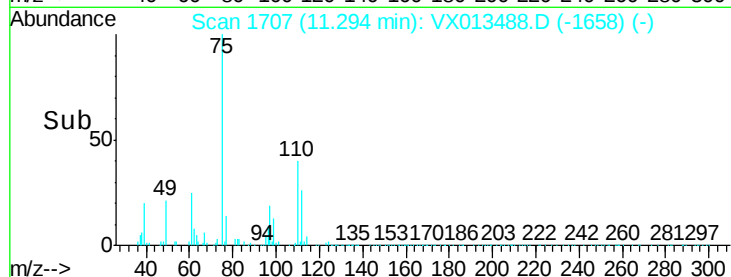
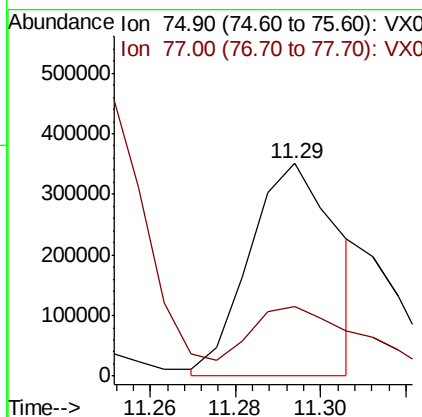
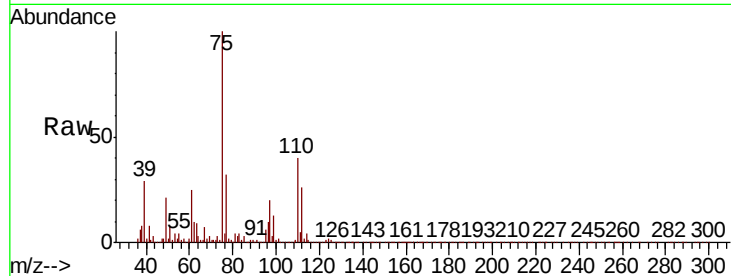
#76
1,2,3-Trichloropropane
Concen: 55.553 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion: 75 Resp: 500328
Ion Ratio Lower Upper
75 100
77 41.6 22.3 66.8

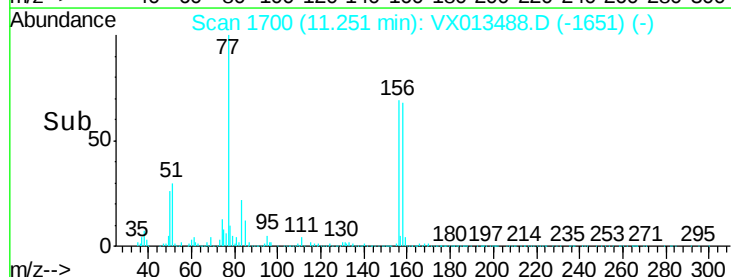
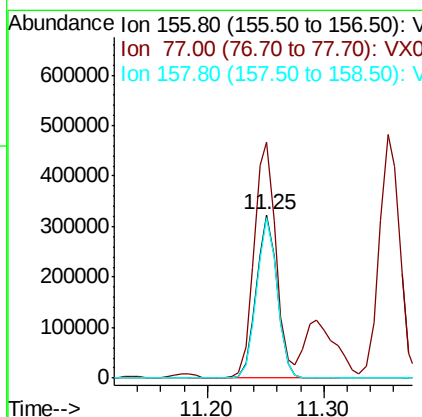
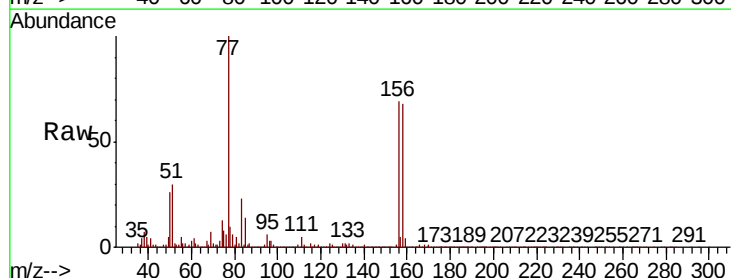
Manual Integrations
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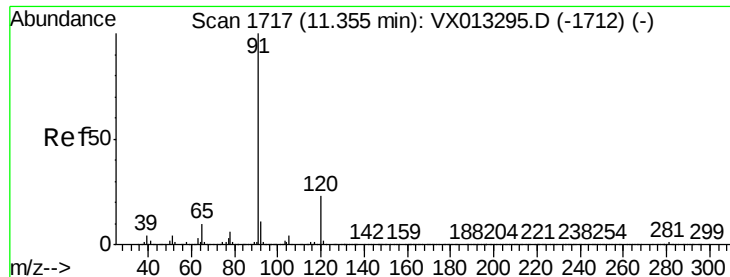
MMDadoda
11/22/2019 12:54:29 AM



#77
Bromobenzene
Concen: 51.412 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 156 Resp: 402932
Ion Ratio Lower Upper
156 100
77 151.3 75.8 227.4
158 97.6 47.6 142.8





#78

n-propylbenzene

Concen: 378.408 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 91 Resp:12392307

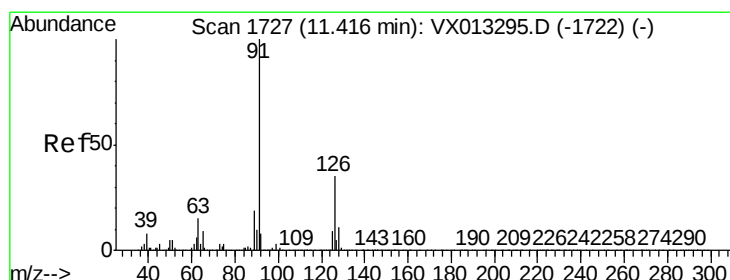
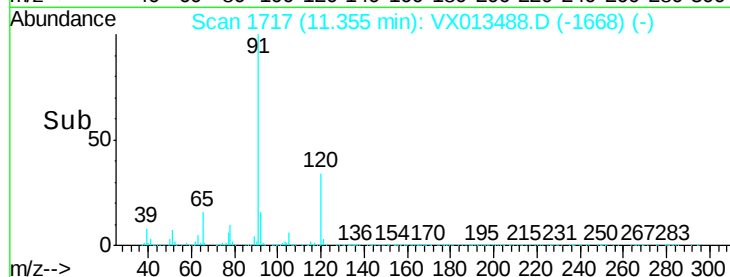
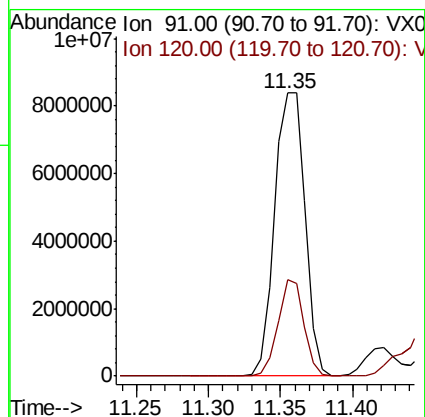
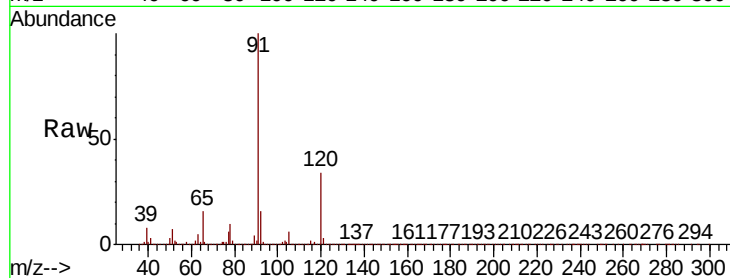
Ion Ratio Lower Upper

91 100

120 29.0 11.6 34.8

Manual Integrations
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#79

2-Chlorotoluene

Concen: 68.419 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX013488.D

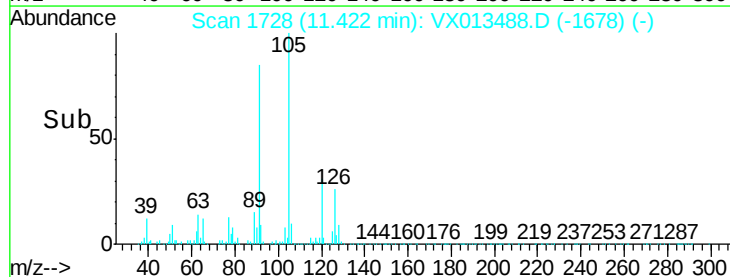
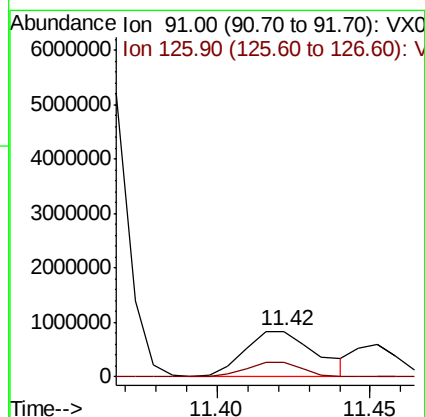
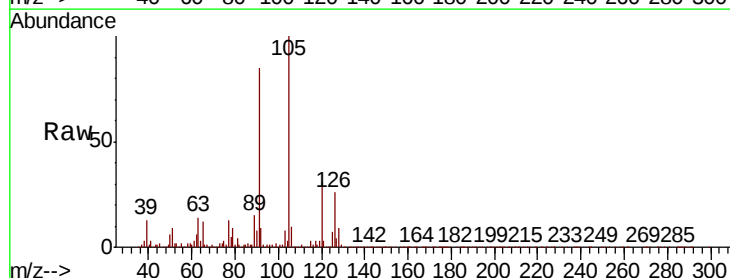
Acq: 20 Nov 2019 19:28

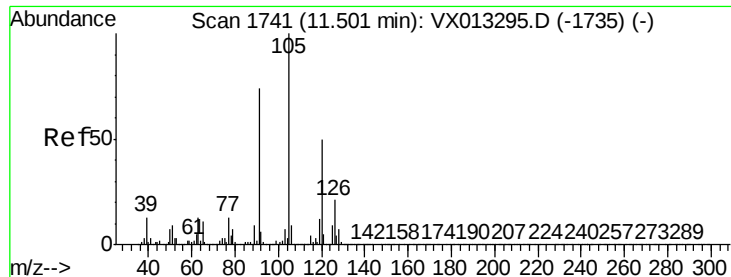
Tgt Ion: 91 Resp: 1349976

Ion Ratio Lower Upper

91 100

126 25.9 17.3 52.0





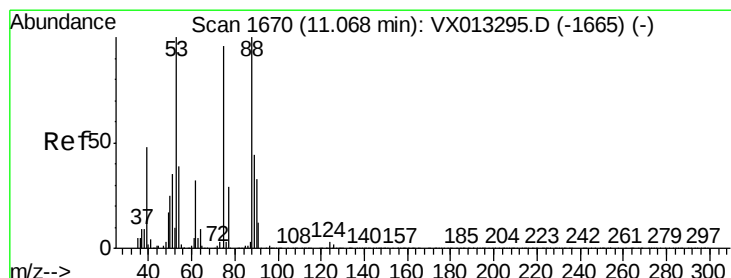
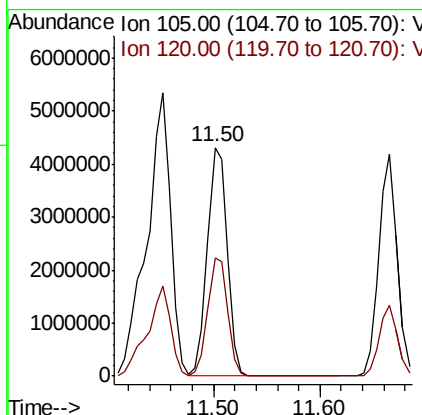
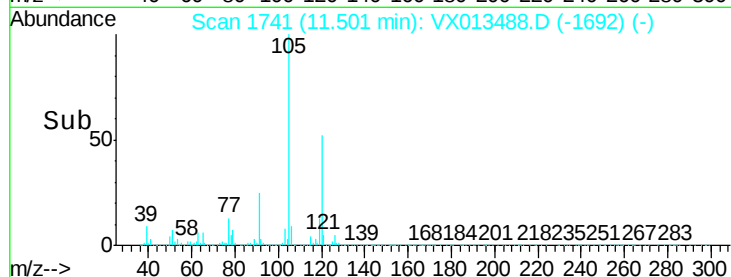
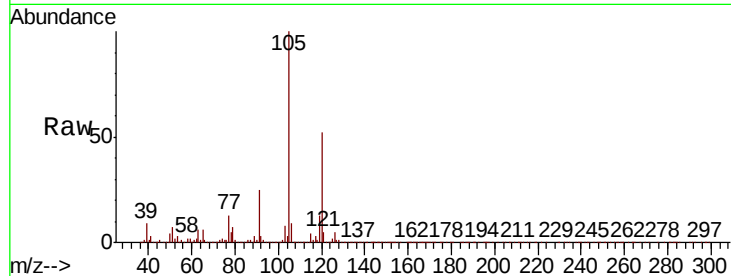
#80
 1,3,5-Trimethylbenzene
 Concen: 222.296 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3MSD

Tot Ion:105 Resp: 5443500
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.9 74.8

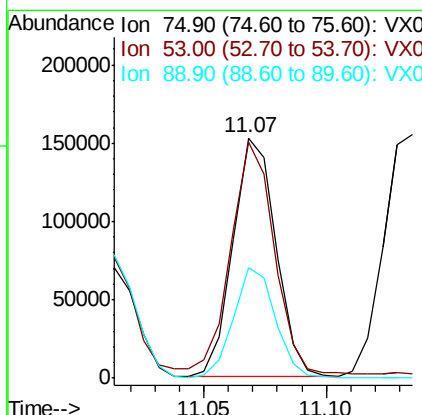
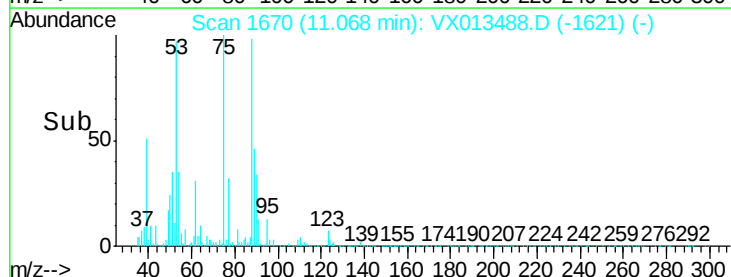
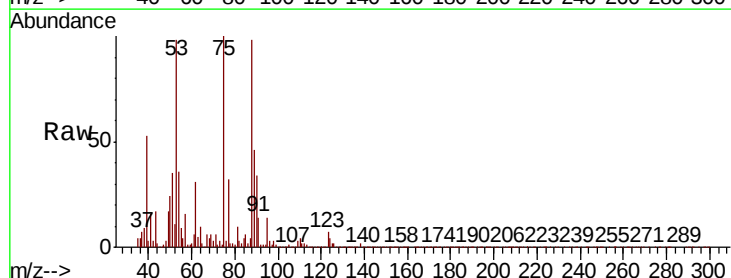
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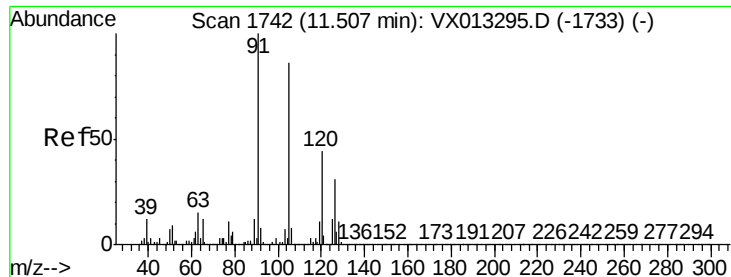
MMDadoda
 11/22/2019 12:54:29 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.308 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion: 75 Resp: 186523
 Ion Ratio Lower Upper
 75 100
 53 97.9 81.0 121.6
 89 45.6 36.0 54.0





#82

4-Chlorotoluene

Concen: 69.590 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 91 Resp: 1607304

Ion Ratio Lower Upper

91 100

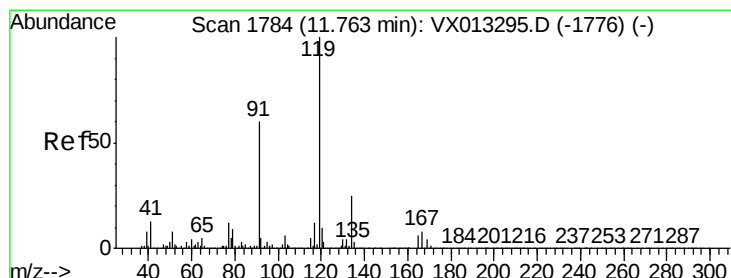
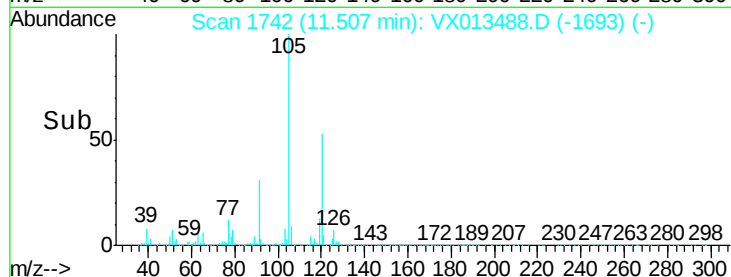
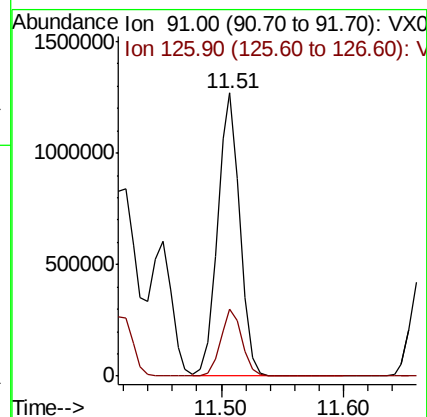
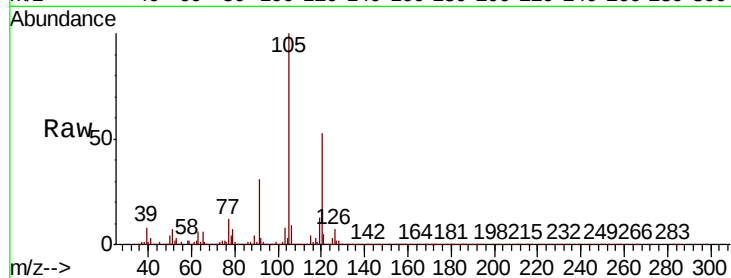
126 22.4 15.3 45.8

Manual Integrations

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MMDadoda

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#83

tert-Butylbenzene

Concen: 76.607 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

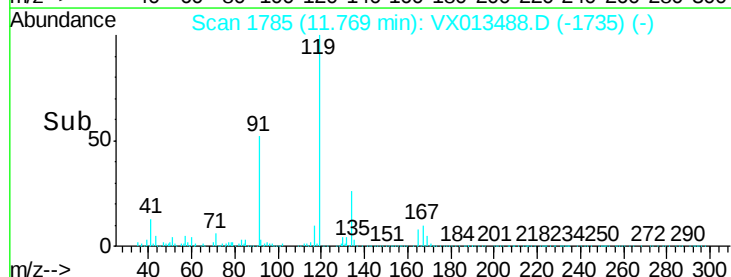
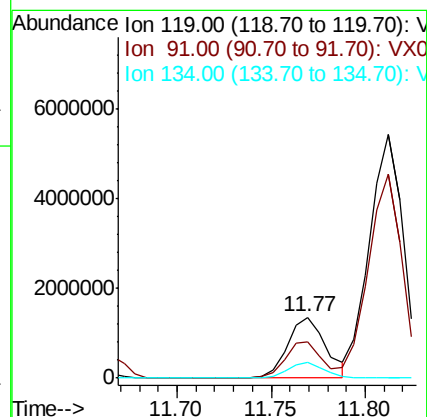
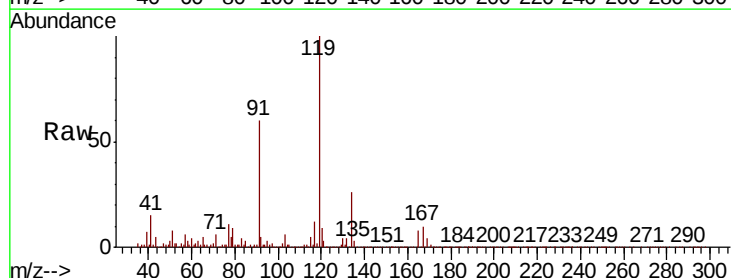
Tgt Ion: 119 Resp: 1888384

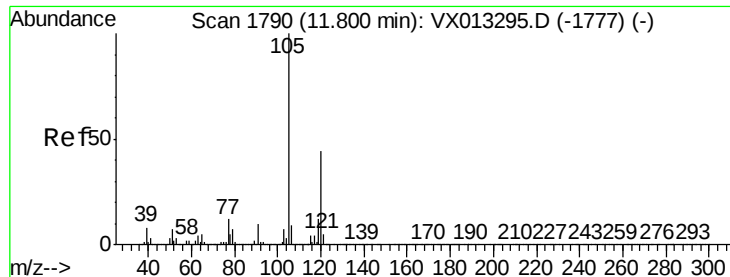
Ion Ratio Lower Upper

119 100

91 55.4 26.9 80.7

134 23.9 11.7 35.1





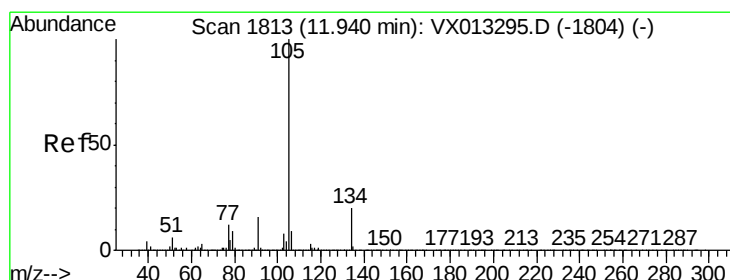
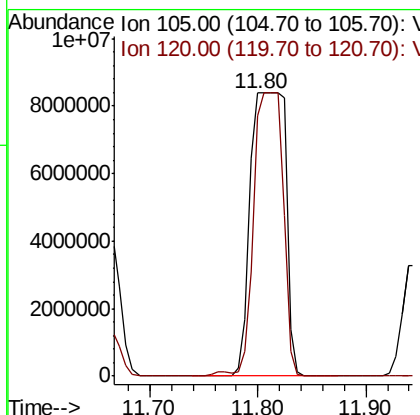
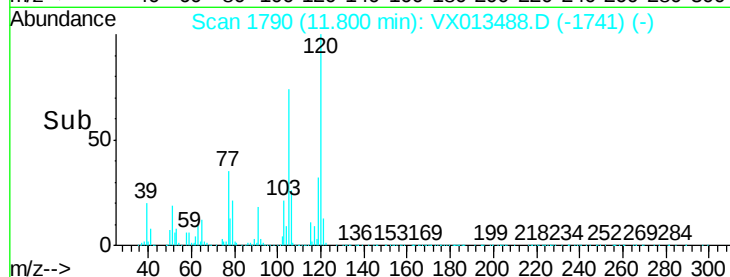
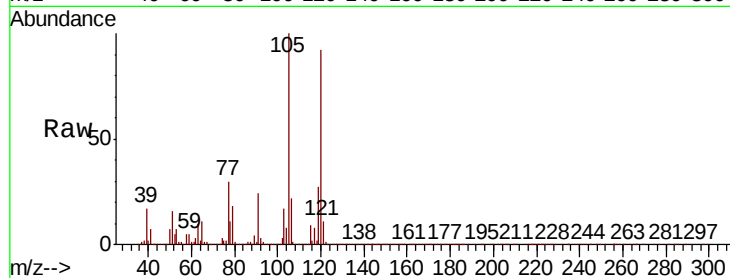
#84
1,2,4-Trimethylbenzene
Concen: 770.928 ug/l m
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion:105 Resp:18937603
Ion Ratio Lower Upper
105 100
120 8.4 22.7 68.1#

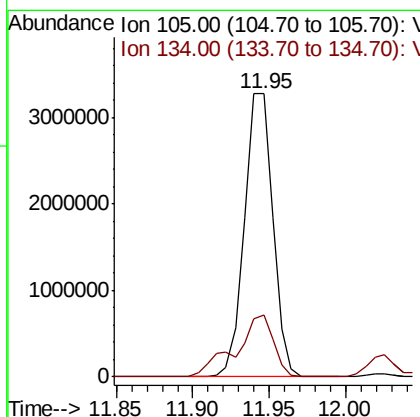
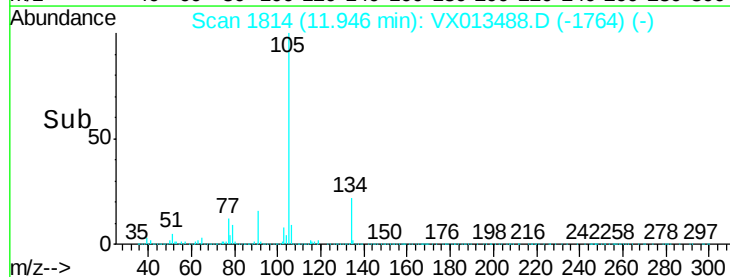
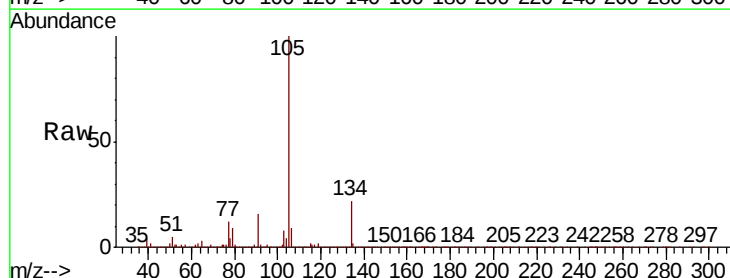
Manual Integrations
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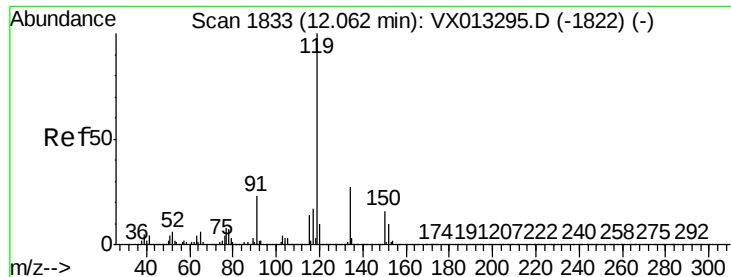
MMDadoda
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#85
sec-Butylbenzene
Concen: 149.687 ug/l
RT: 11.95 min Scan# 1814
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion:105 Resp: 4240707
Ion Ratio Lower Upper
105 100
134 29.0 10.3 30.9





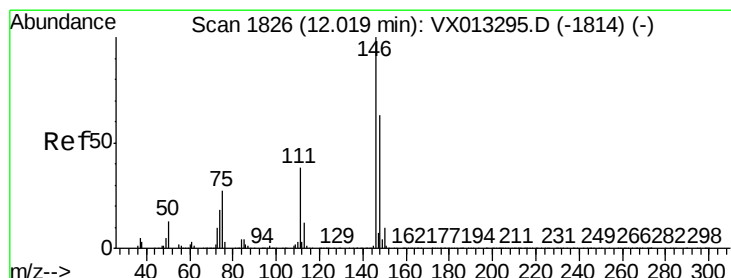
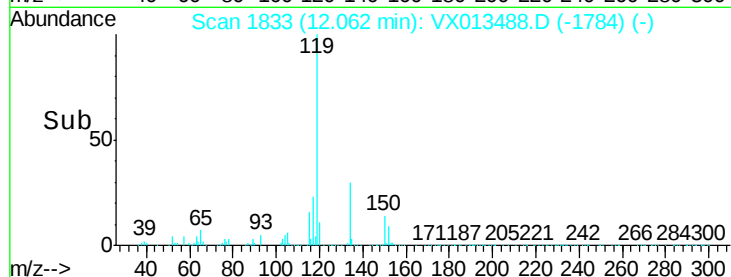
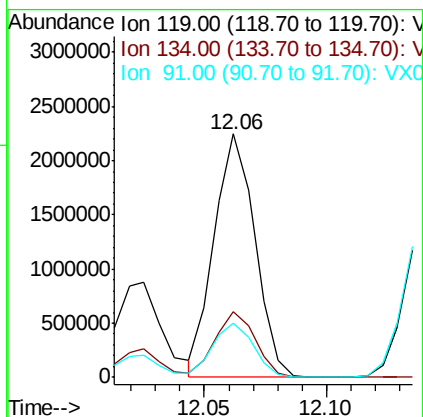
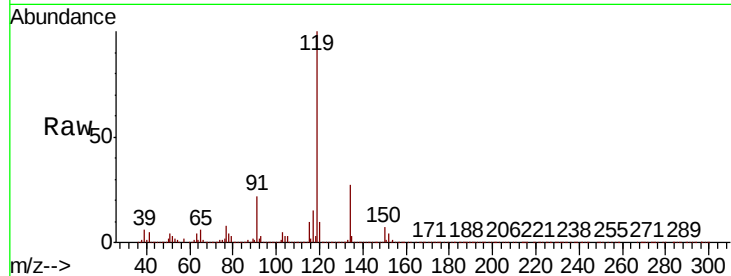
#86
p-Isopropyltoluene
Concen: 99.924 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.8
91	22.9	11.5	34.4

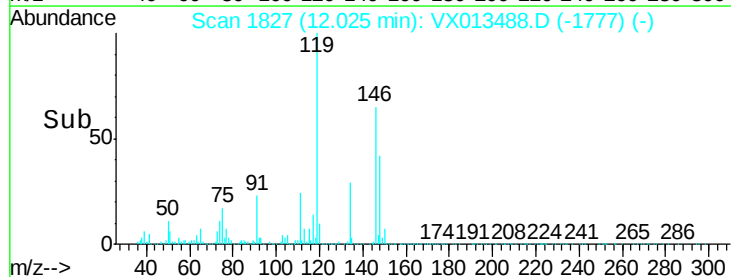
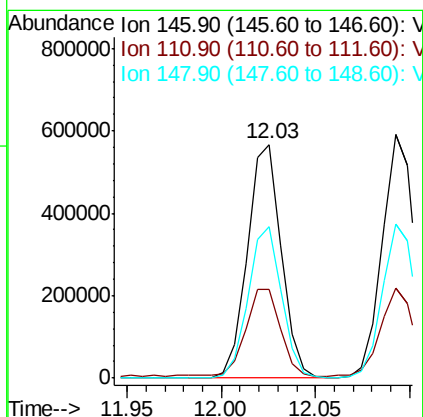
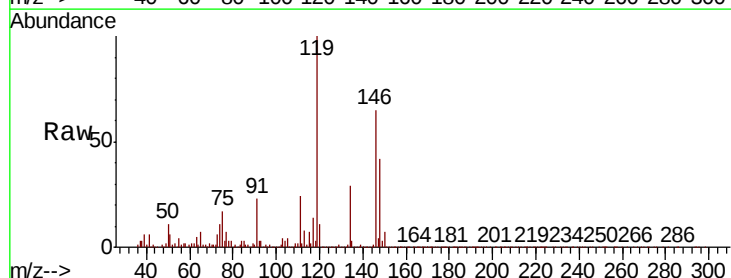
Manual Integrations
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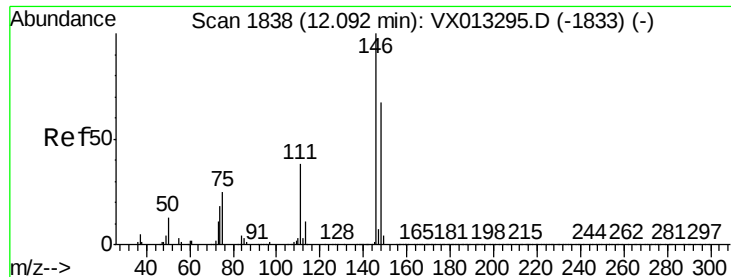
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 50.522 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.9	56.5
148	64.0	31.9	95.7





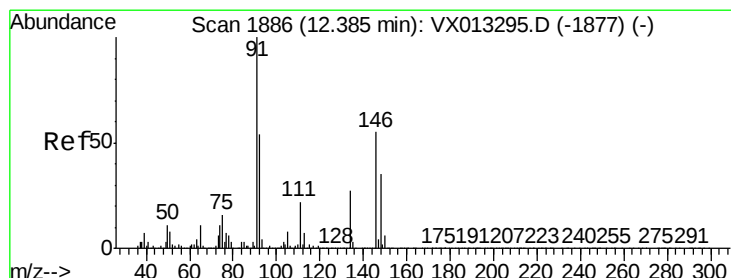
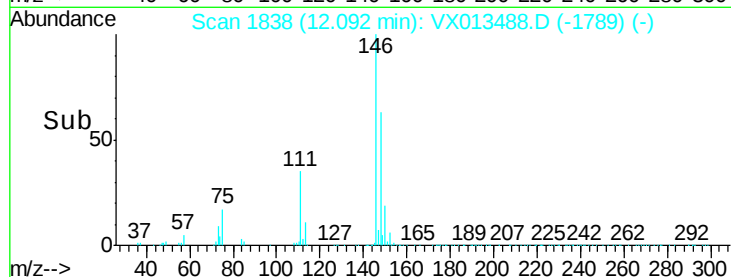
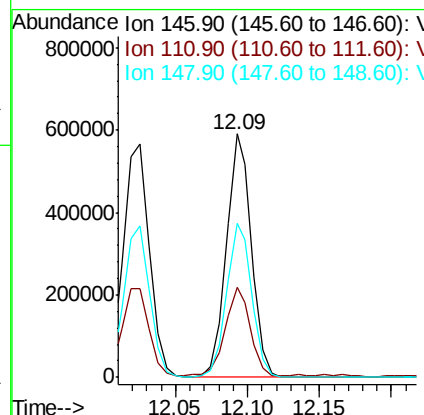
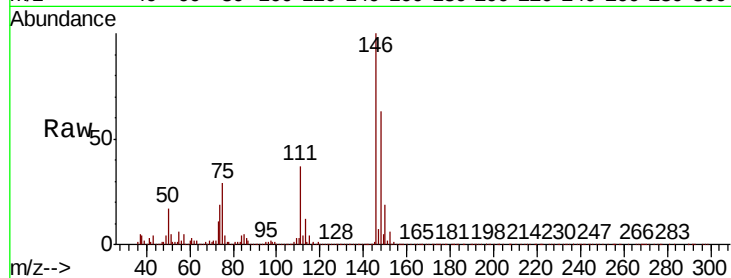
#88
 1,4-Dichlorobenzene
 Concen: 50.493 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.8	56.4
148	64.0	32.4	97.0

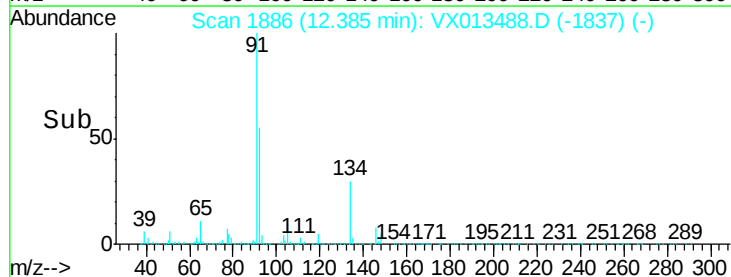
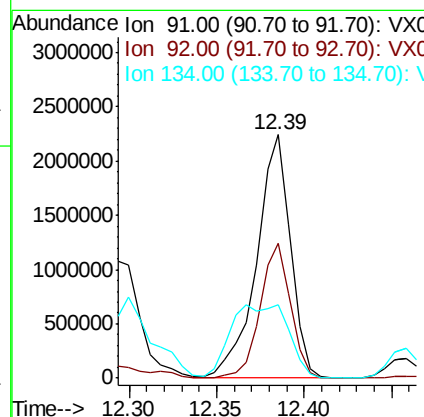
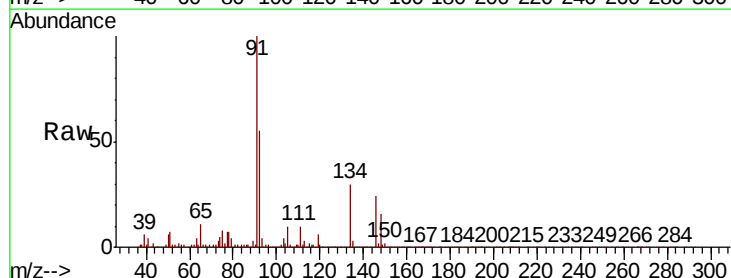
Manual Integrations
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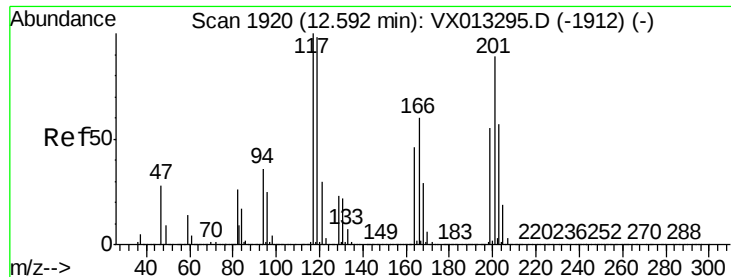
MMDadoda
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#89
 n-Butylbenzene
 Concen: 132.356 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.6	27.3	81.8
134	51.2	13.5	40.5





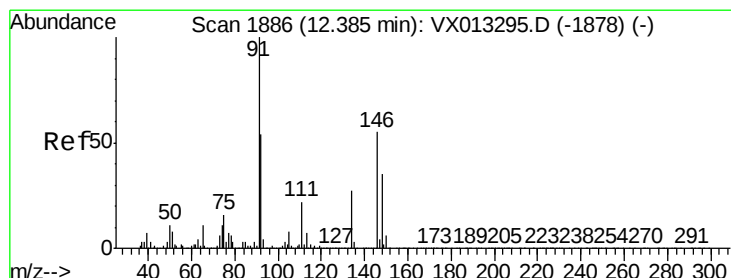
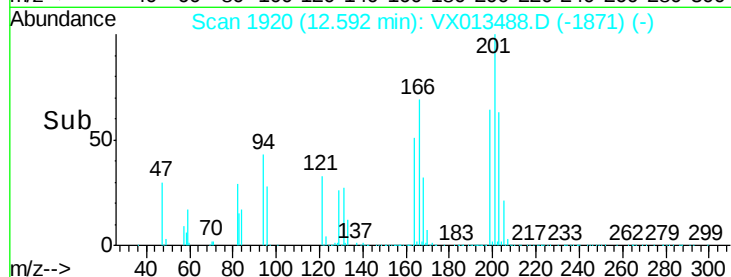
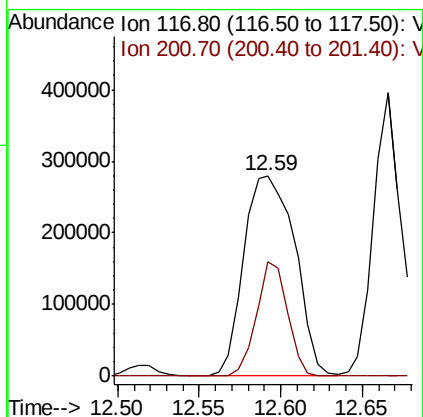
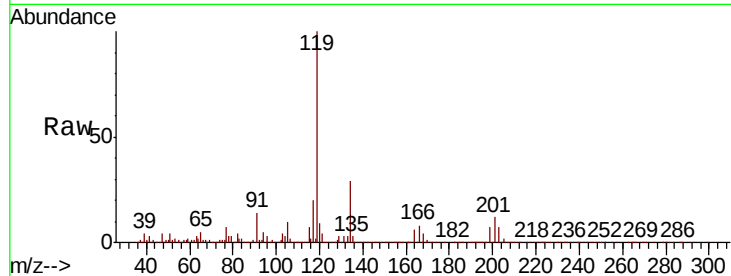
#90
Hexachloroethane
Concen: 130.765 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion:117 Resp: 607800
Ion Ratio Lower Upper
117 100
201 34.7 43.9 131.7#

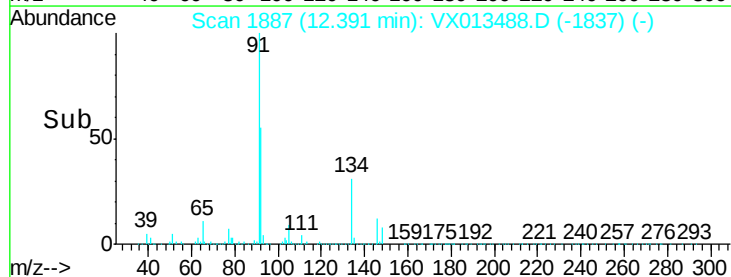
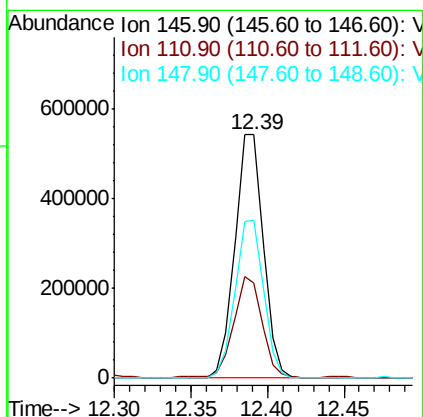
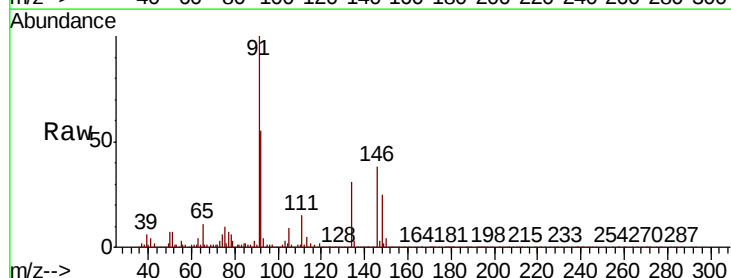
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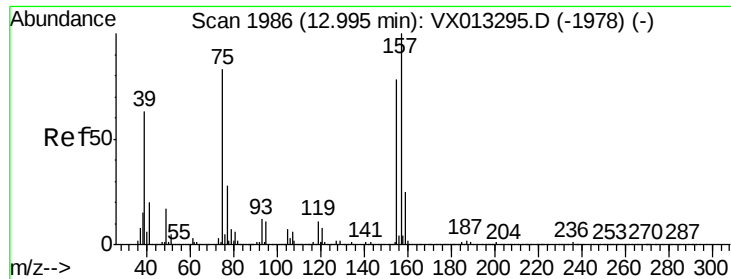
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#91
1,2-Dichlorobenzene
Concen: 50.265 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion:146 Resp: 701930
Ion Ratio Lower Upper
146 100
111 41.0 20.1 60.2
148 64.8 32.0 96.0





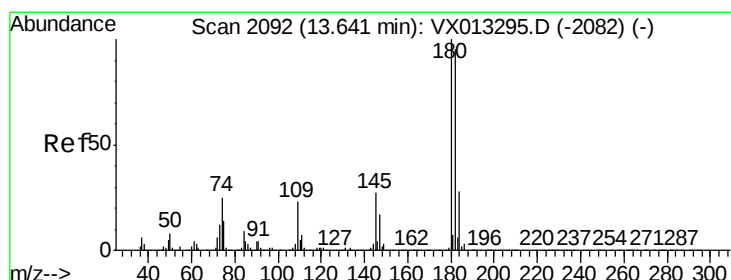
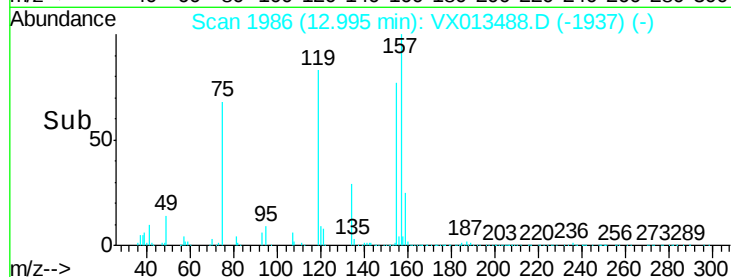
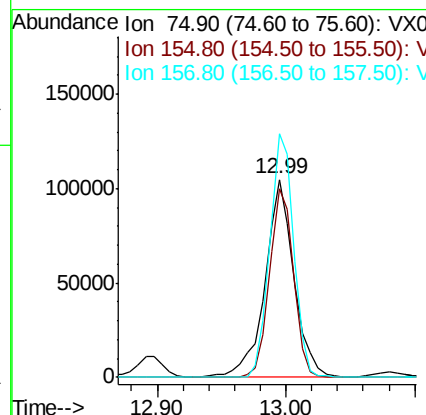
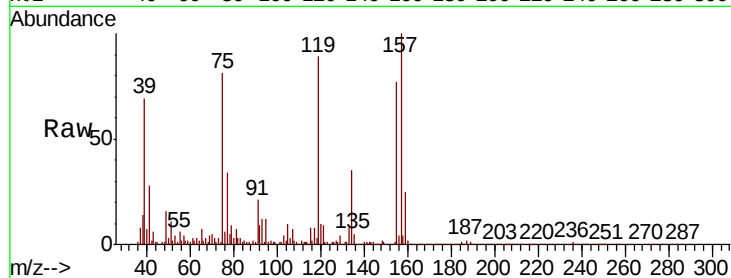
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.725 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	79.6	47.1	141.4
157	103.5	61.3	183.8

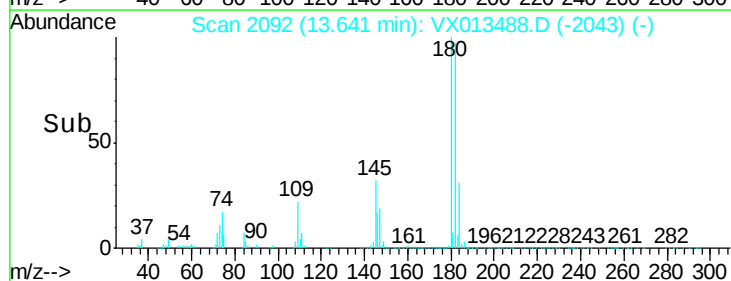
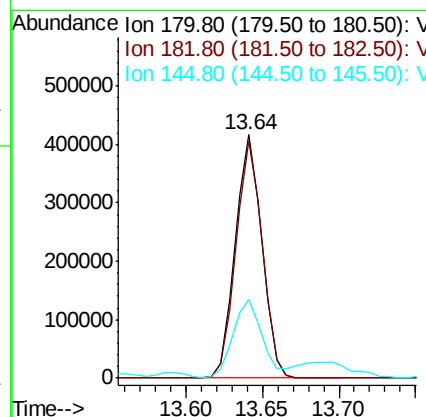
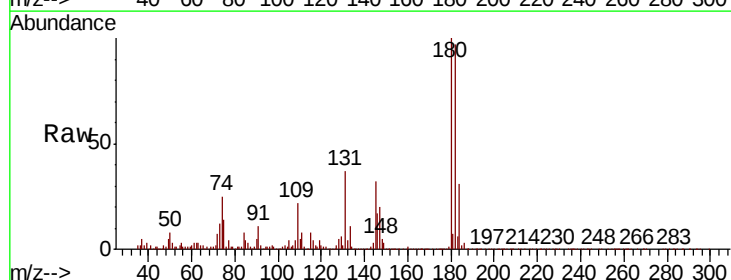
Manual Integrations
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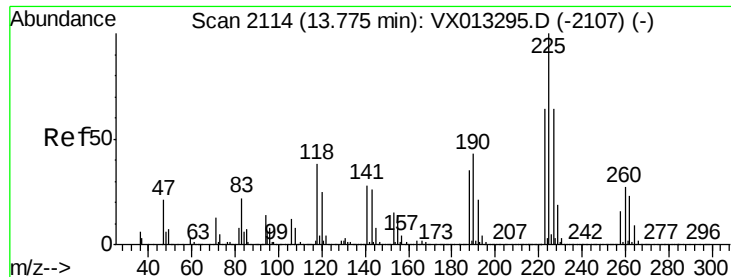
MMDadoda
 11/22/2019 12:54:29 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.398 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	35.7	14.1	42.4





#94

Hexachlorobutadiene

Concen: 44.801 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

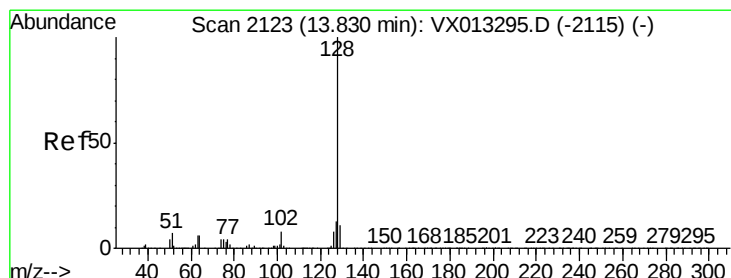
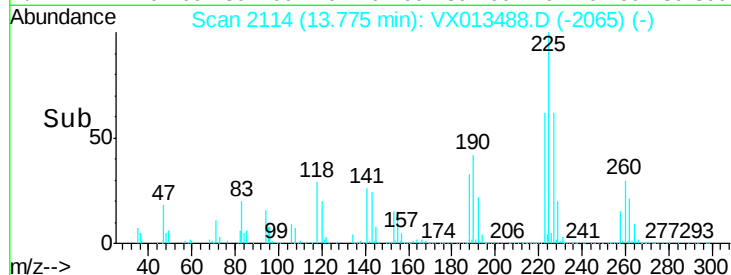
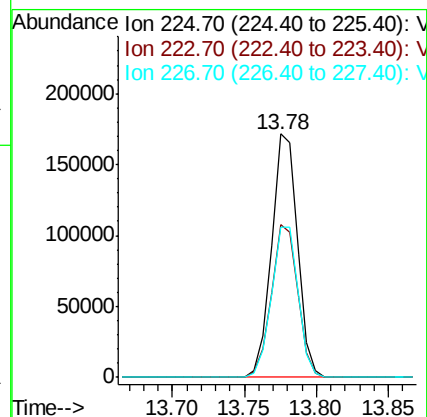
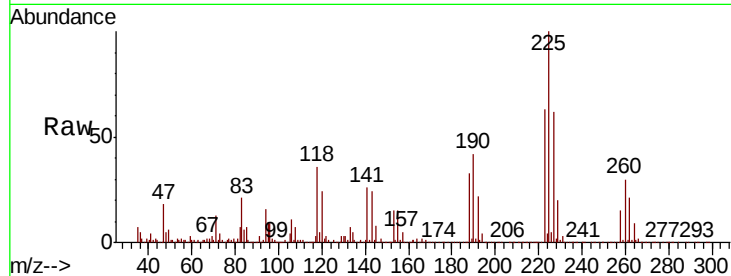
ClientSampleId :

MW-3MSD

Tot Ion:	225	Resp:	213503
Ion Ratio		Lower	Upper
225	100		
223	63.5	31.9	95.7
227	63.7	31.9	95.9

Manual Integrations
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#95

Naphthalene

Concen: 118.652 ug/l

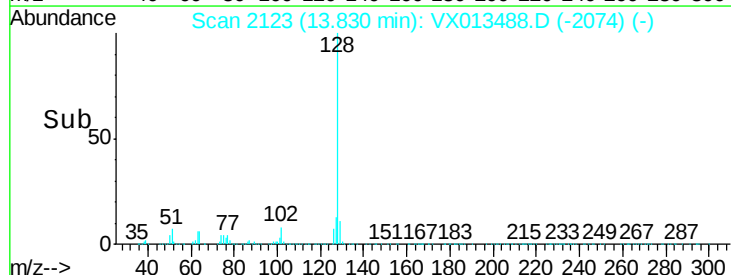
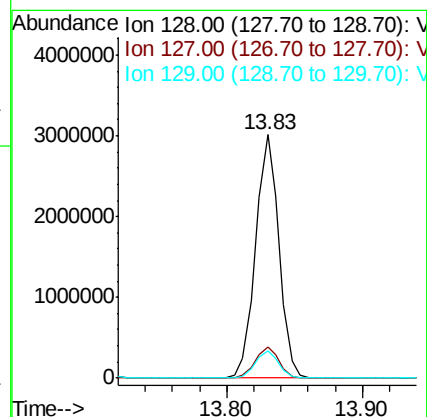
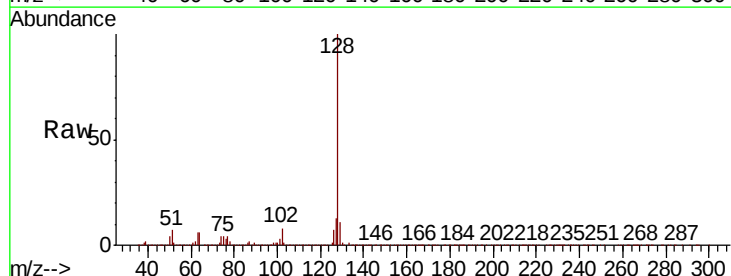
RT: 13.83 min Scan# 2123

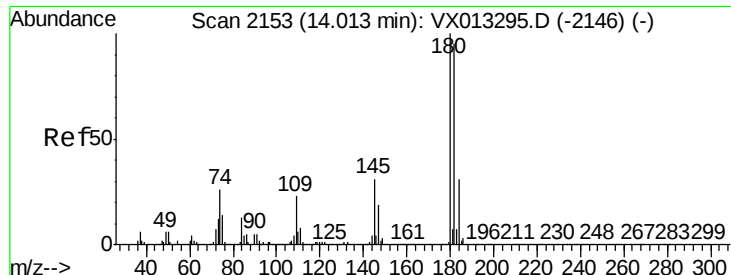
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:	128	Resp:	3626242
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.5	12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 51.501 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.8	48.0	144.2
145	32.5	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:54:29 AM

