

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013144.D
 Acq On : 18 Oct 2019 21:47
 Operator : JC/SP
 Sample : K5414-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:03:05 AM

Quant Time: Oct 19 05:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	138638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	229929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	88398	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	71850	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
50) Toluene-d8	8.71	98	257482	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	103196	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86142	60.957	ug/l	99
3) Chloromethane	1.32	50	82502	53.644	ug/l	96
4) Vinyl Chloride	1.40	62	83455	52.573	ug/l	98
5) Bromomethane	1.63	94	36363	55.106	ug/l	99
6) Chloroethane	1.70	64	50564	52.131	ug/l	95
7) Trichlorofluoromethane	1.92	101	128297	59.881	ug/l	99
8) Diethyl Ether	2.18	74	45731	52.879	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76826	55.404	ug/l	98
10) Methyl Iodide	2.50	142	100963	62.820	ug/l	99
11) Tert butyl alcohol	3.04	59	104502	227.500	ug/l	100
12) 1,1-Dichloroethene	2.36	96	77689	55.452	ug/l	93
13) Acrolein	2.28	56	84744	259.601	ug/l	100
14) Allyl chloride	2.72	41	124312	49.825	ug/l	97
15) Acrylonitrile	3.13	53	226400	260.080	ug/l	99
16) Acetone	2.44	43	192504	210.765	ug/l	100
17) Carbon Disulfide	2.56	76	202278	50.635	ug/l	99
18) Methyl Acetate	2.76	43	103042	47.597	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	275614	56.966	ug/l	96
20) Methylene Chloride	2.84	84	89909	53.563	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	83244	55.436	ug/l	99
22) Diisopropyl ether	3.84	45	249652	52.219	ug/l	93
23) Vinyl Acetate	3.80	43	1068978	259.008	ug/l	99
24) 1,1-Dichloroethane	3.69	63	149474	55.575	ug/l	99
25) 2-Butanone	4.66	43	302295	238.562	ug/l	100
26) 2,2-Dichloropropane	4.58	77	111275	49.199	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96489	55.745	ug/l	96
28) Bromochloromethane	5.01	49	40302	50.141	ug/l	93
29) Tetrahydrofuran	5.11	42	190872	244.781	ug/l	94
30) Chloroform	5.20	83	159845	57.920	ug/l	98
31) Cyclohexane	5.57	56	128244	50.992	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	138380	59.178	ug/l	98
36) 1,1-Dichloropropene	5.79	75	113102	55.948	ug/l	98
37) Ethyl Acetate	4.82	43	114455	50.633	ug/l	99
38) Carbon Tetrachloride	5.78	117	118411	60.179	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132926	54.220	ug/l	99
40) Benzene	6.14	78	341174	57.142	ug/l	100
41) Methacrylonitrile	5.03	41	64277	51.748	ug/l	97
42) 1,2-Dichloroethane	6.18	62	127223	59.382	ug/l	97
43) Isopropyl Acetate	6.43	43	190327	52.459	ug/l	99
44) Trichloroethene	7.20	130	95916	57.932	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83375	54.790	ug/l	98
46) Dibromomethane	7.65	93	59966	59.146	ug/l	96
47) Bromodichloromethane	7.89	83	120409	60.857	ug/l	99
48) Methyl methacrylate	7.76	41	95131	53.806	ug/l	97
49) 1,4-Dioxane	7.73	88	43784	925.522	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	598237	264.465	ug/l	98
52) Toluene	8.78	92	220755	57.793	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	126726	51.266	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	138856	57.061	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89542	59.235	ug/l	99
56) Ethyl methacrylate	9.17	69	139594	51.512	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148571	56.818	ug/l	99
59) 2-Hexanone	9.49	43	463483	263.212	ug/l	98
60) Dibromochloromethane	9.58	129	95063	56.269	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93204	58.612	ug/l	99
64) Tetrachloroethene	9.33	164	97712	67.712	ug/l	96
65) Chlorobenzene	10.14	112	230180	55.712	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86869	60.641	ug/l	99
67) Ethyl Benzene	10.25	91	418000	56.957	ug/l	100
68) m/p-Xylenes	10.35	106	314075	114.555	ug/l	100
69) o-Xylene	10.70	106	152576	57.067	ug/l	99
70) Stvrene	10.71	104	265999	58.523	ug/l	99
71) Bromoform	10.85	173	65235	53.239	ug/l #	99
73) Isopropylbenzene	11.01	105	403014	53.754	ug/l	100
74) N-amyl acetate	10.89	43	162062	50.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	137075	54.970	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	123500m	54.603	ug/l	
77) Bromobenzene	11.25	156	93302	52.810	ug/l	96
78) n-propylbenzene	11.35	91	440583	53.405	ug/l	100
79) 2-Chlorotoluene	11.42	91	277314	53.486	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	348244	55.627	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	40481	46.348	ug/l	96
82) 4-Chlorotoluene	11.51	91	324387	54.585	ug/l	97
83) tert-Butylbenzene	11.76	119	334681	54.804	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	347343	54.783	ug/l	100
85) sec-Butylbenzene	11.94	105	378182	53.452	ug/l	100
86) p-Isopropyltoluene	12.06	119	361498	55.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	175451	53.477	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	176193	53.026	ug/l	98
89) n-Butylbenzene	12.39	91	291067	52.779	ug/l	99
90) Hexachloroethane	12.59	117	62222	51.147	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	174681	54.309	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32059	54.852	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	102811	51.027	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49927	53.693	ug/l	96
95) Naphthalene	13.83	128	341933	48.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107291	51.530	ug/l	98

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

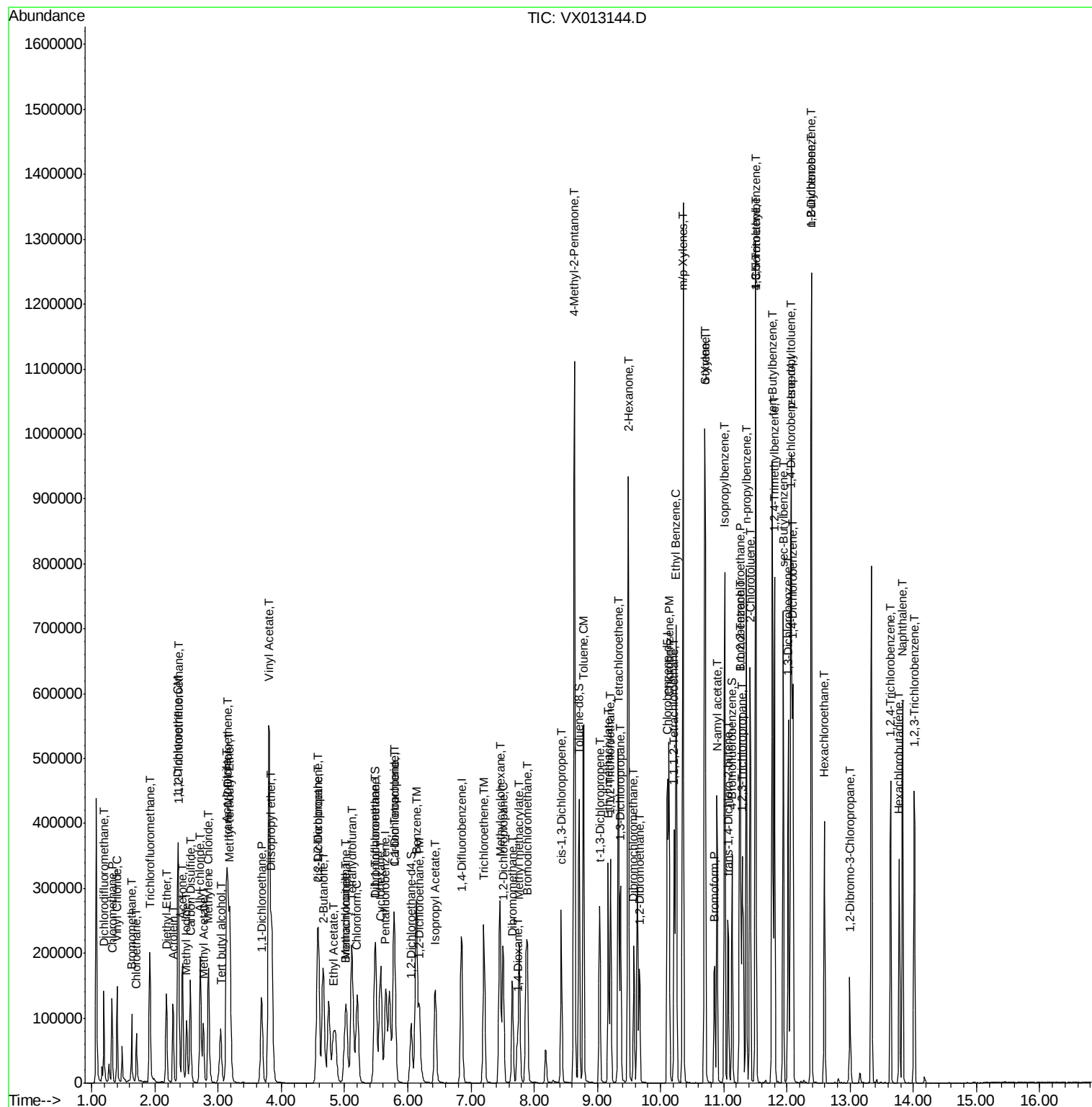
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 Data File : VX013144.D
 Acq On : 18 Oct 2019 21:47
 Operator : JC/SP
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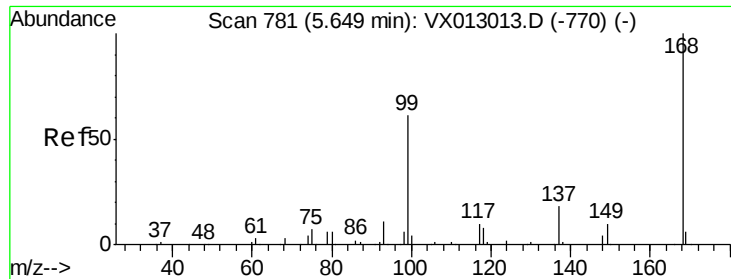
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#1

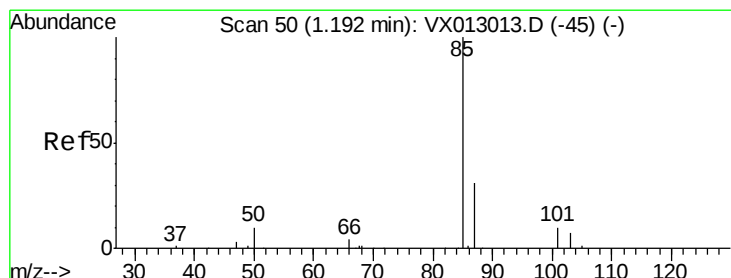
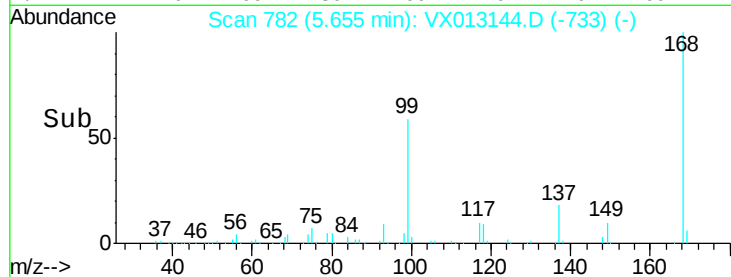
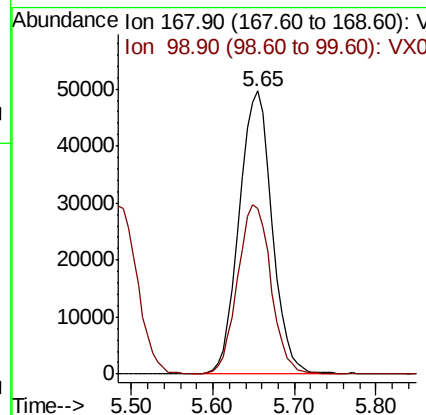
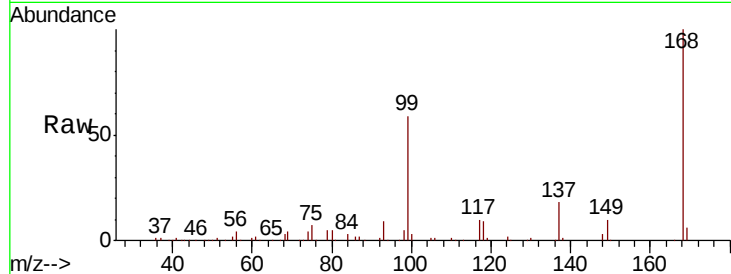
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.4	49.4	74.0

Manual Integrations
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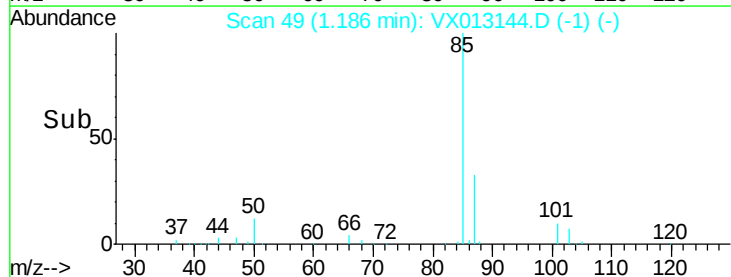
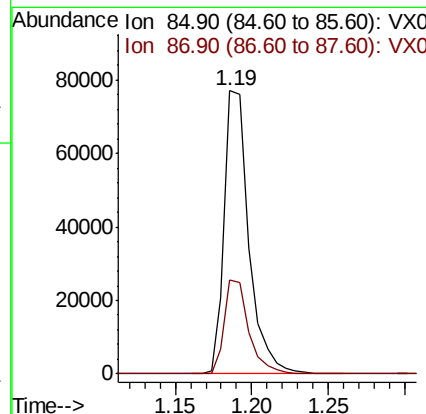
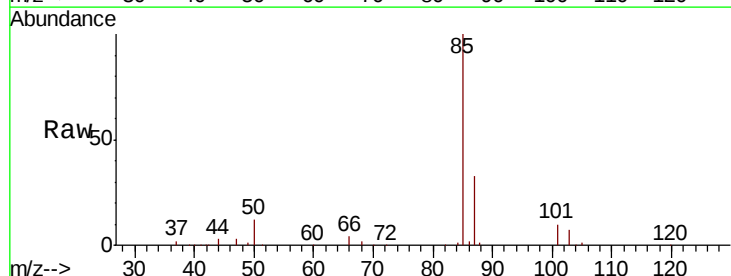
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 10/21/2019 11:03:05 AM

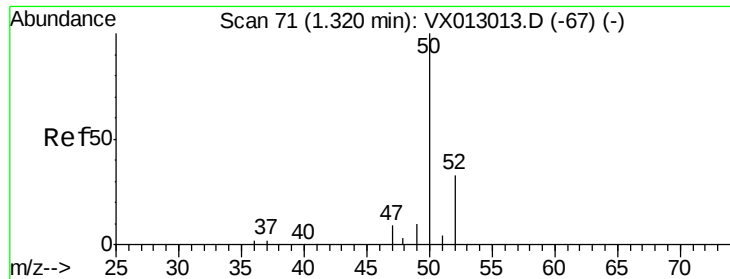


#2

Dichlorodifluoromethane
 Concen: 60.957 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.4	49.4





#3

Chloromethane

Concen: 53.644 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 50 Resp: 82502

Ion Ratio Lower Upper

50 100

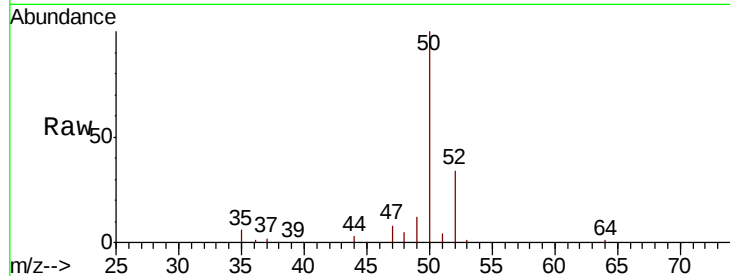
52 33.6 25.2 37.8

Manual Integrations

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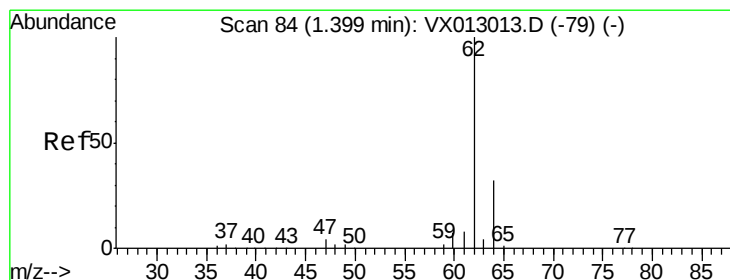
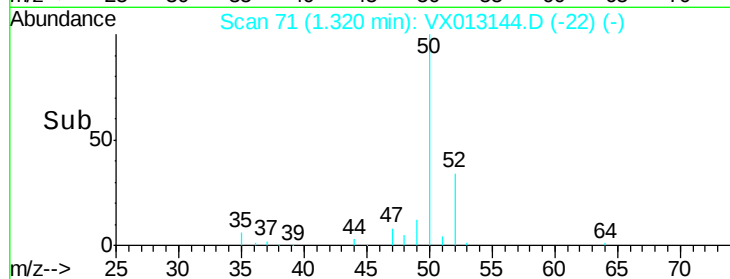
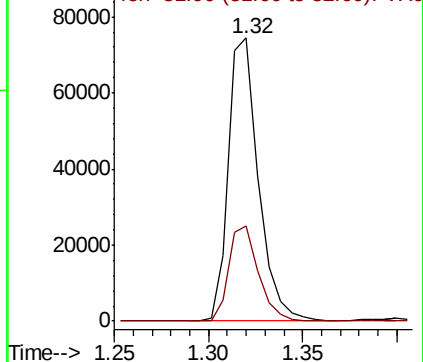
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.573 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013144.D

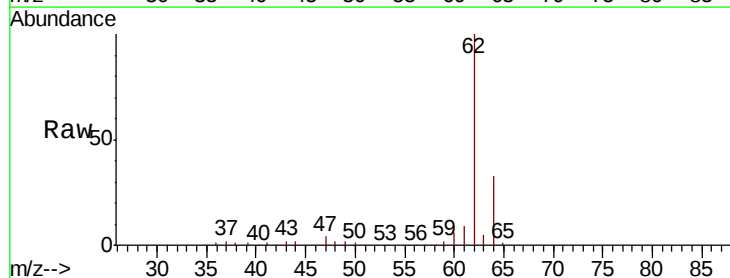
Acq: 18 Oct 2019 21:47

Tgt Ion: 62 Resp: 83455

Ion Ratio Lower Upper

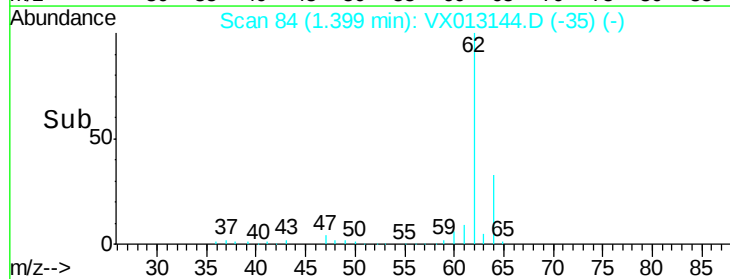
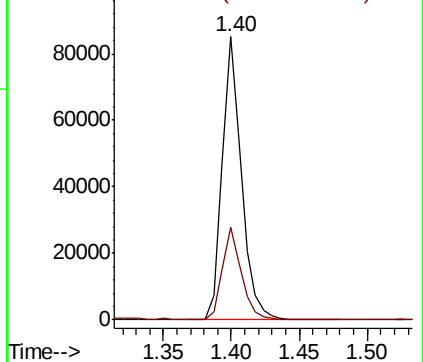
62 100

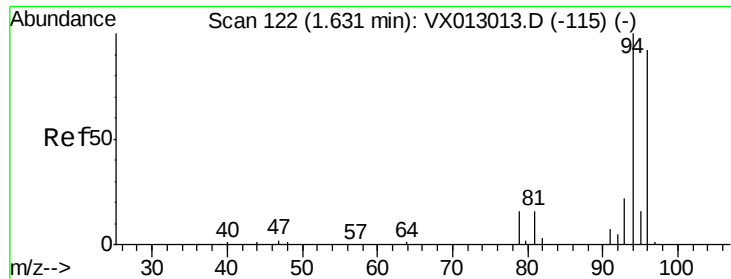
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.106 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 36363

Ion Ratio Lower Upper

94 100

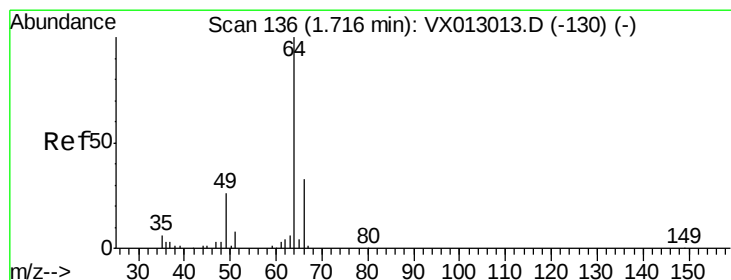
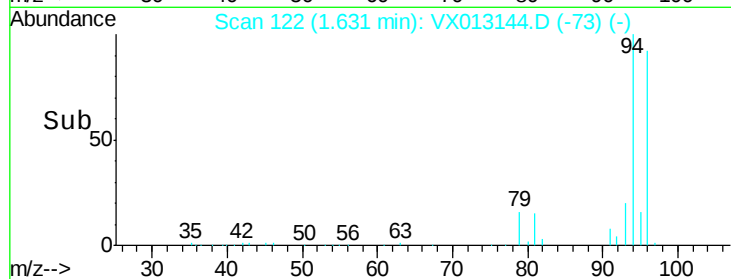
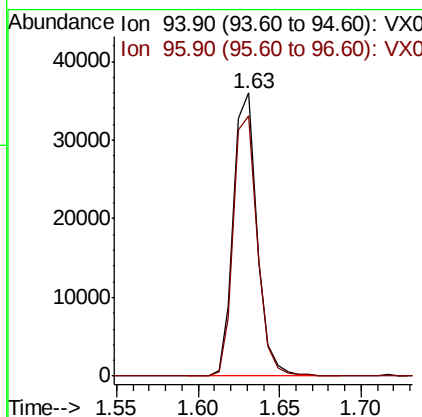
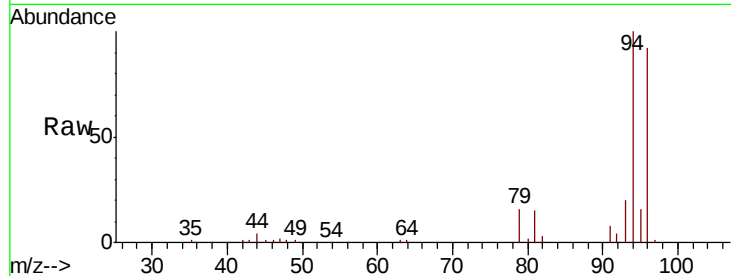
96 92.0 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 52.131 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013144.D

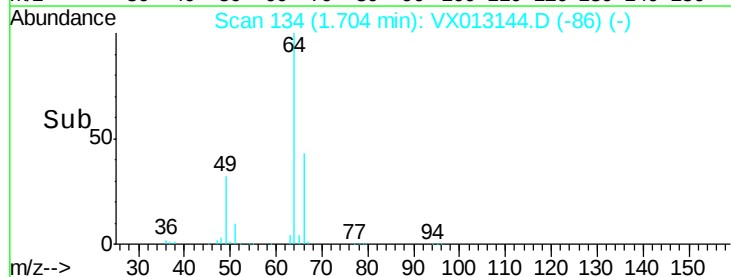
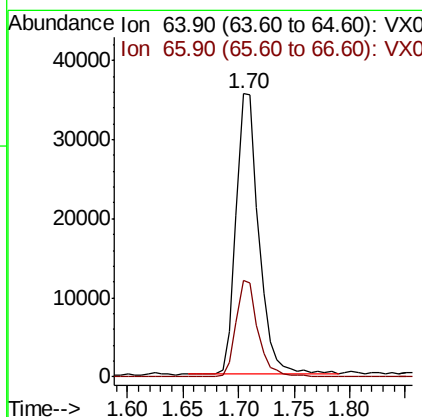
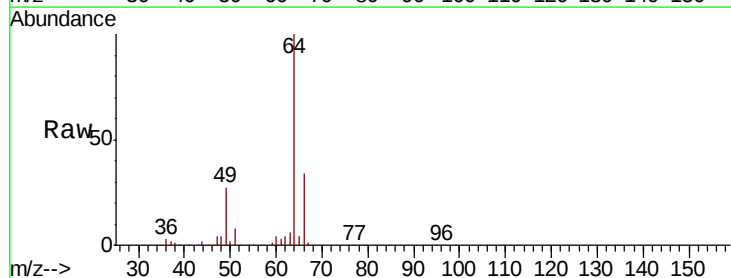
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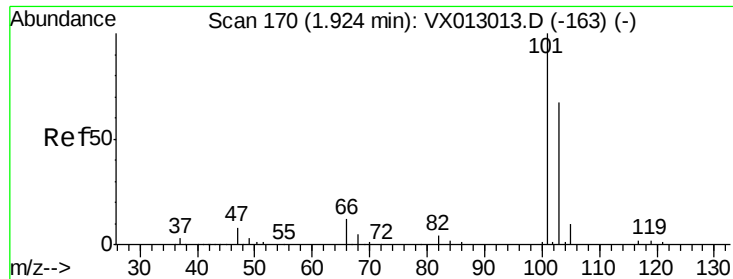
Tgt Ion: 64 Resp: 50564

Ion Ratio Lower Upper

64 100

66 34.6 25.6 38.4





#7

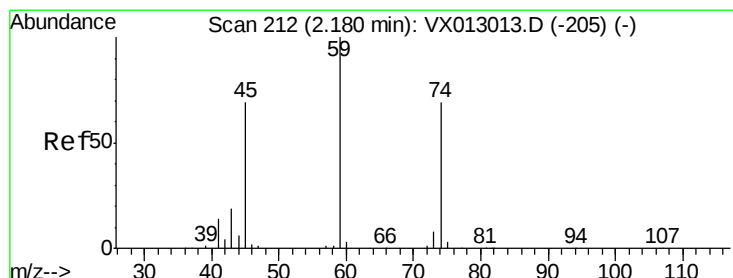
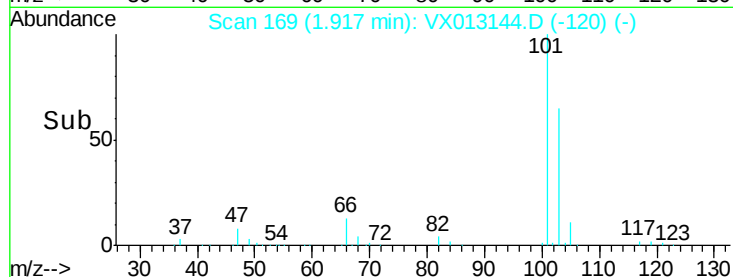
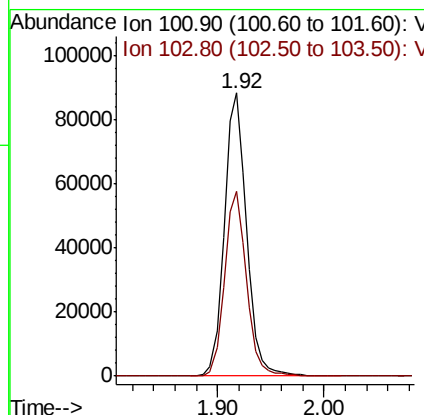
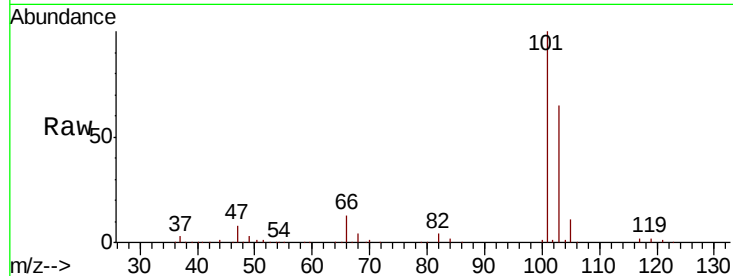
Trichlorofluoromethane
 Concen: 59.881 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		128297		
103	65.1		52.5	78.7	

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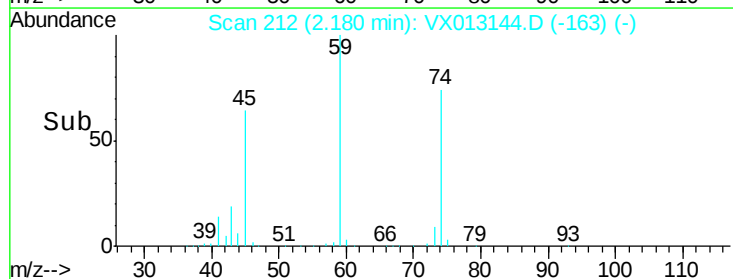
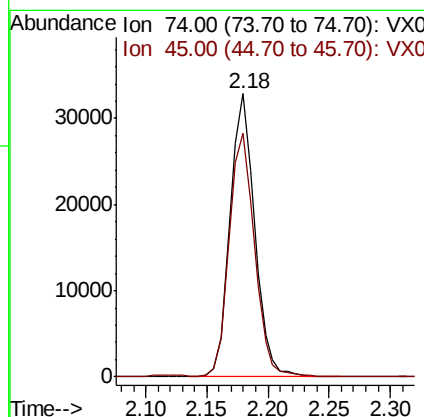
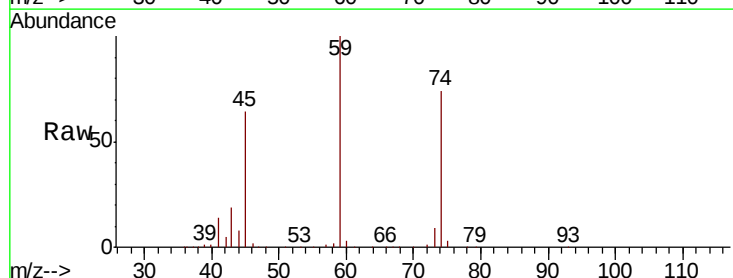
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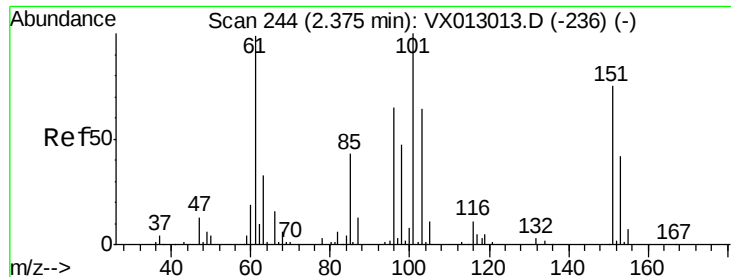


#8

Diethyl Ether
 Concen: 52.879 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		45731		
45	89.0		47.8	143.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.404 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

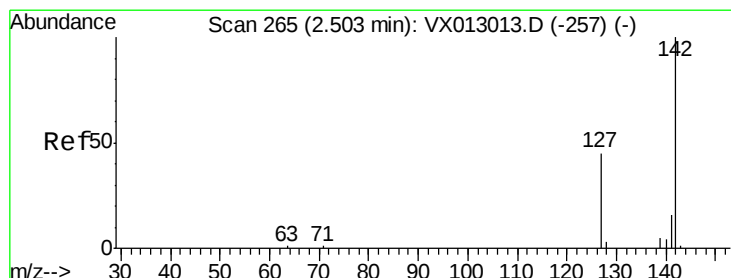
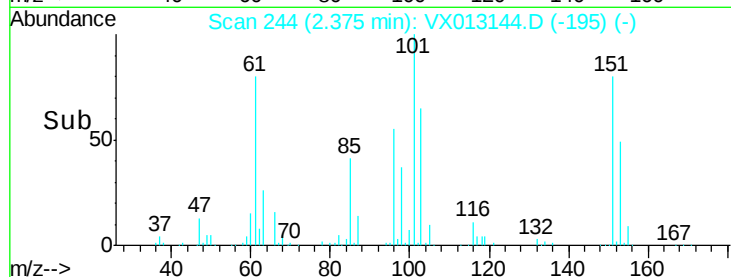
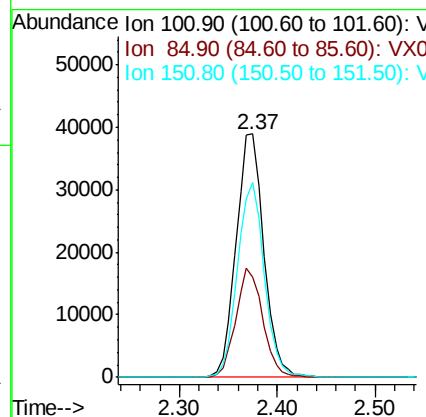
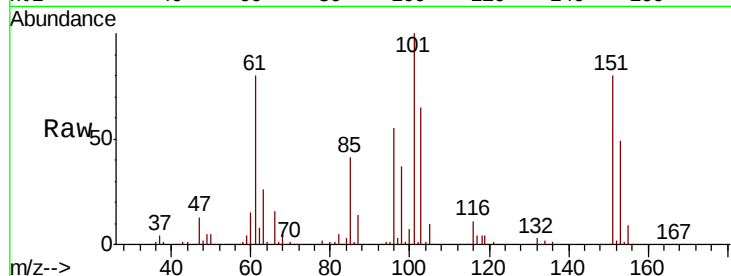
ClientSampleId :

MW-309-SRI4MS

Tot Ion:	101	Resp:	76826
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.2	52.8
151	77.6	60.3	90.5

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#10

Methyl Iodide

Concen: 62.820 ug/l

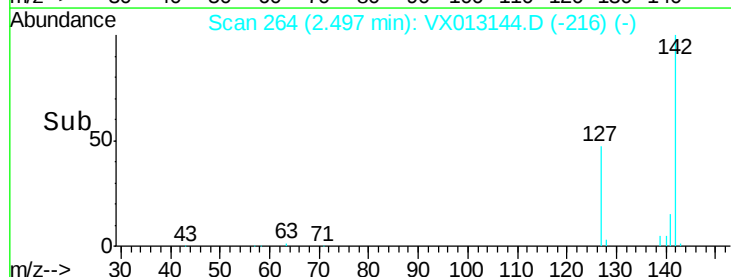
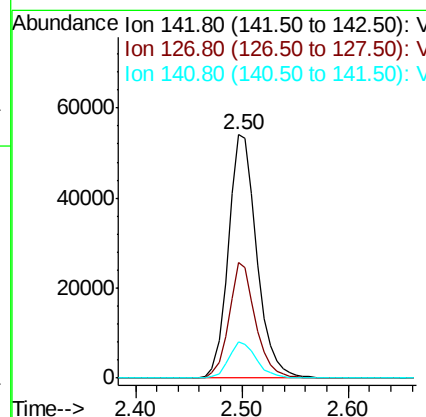
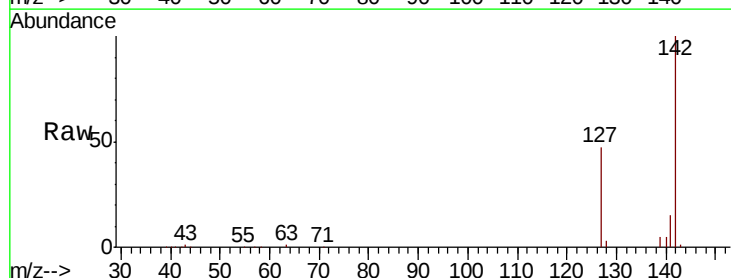
RT: 2.50 min Scan# 264

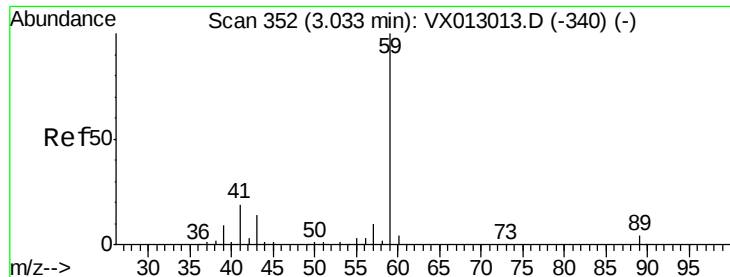
Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion:	142	Resp:	100963
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.9	52.3
141	14.4	11.6	17.4





#11

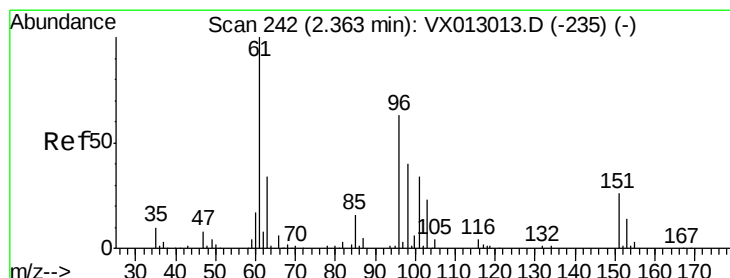
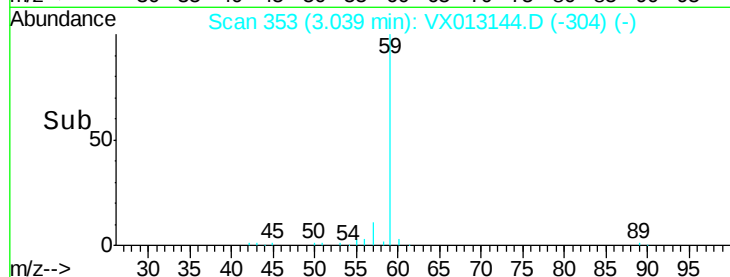
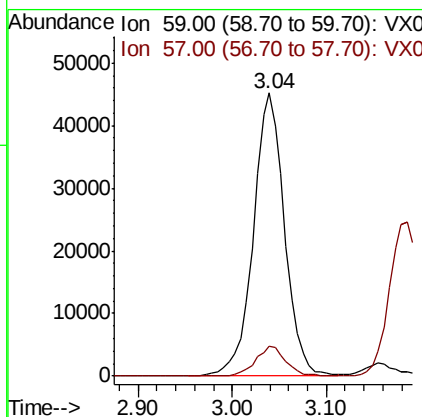
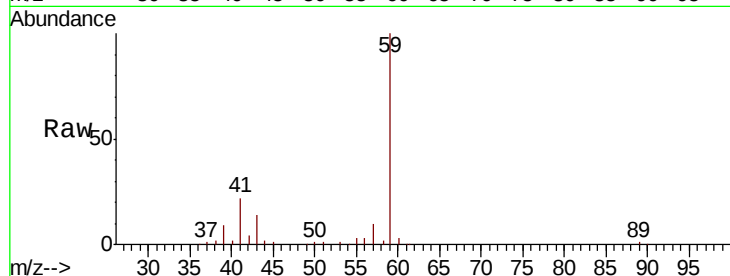
Tert butyl alcohol
Concen: 227.500 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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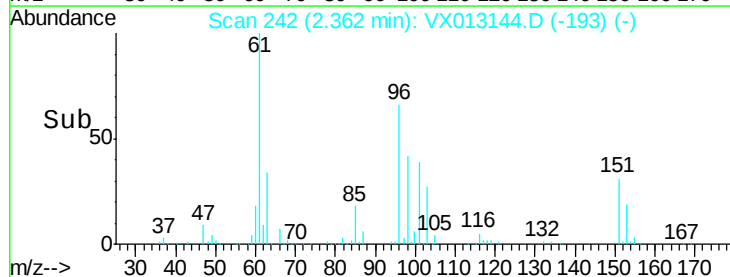
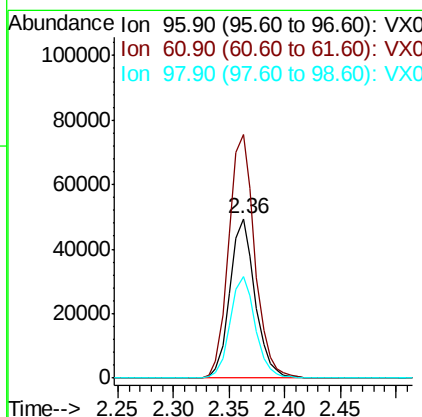
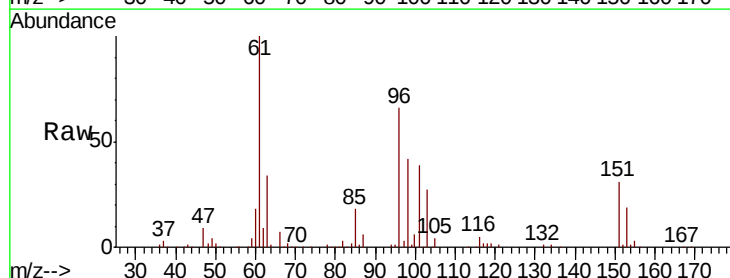
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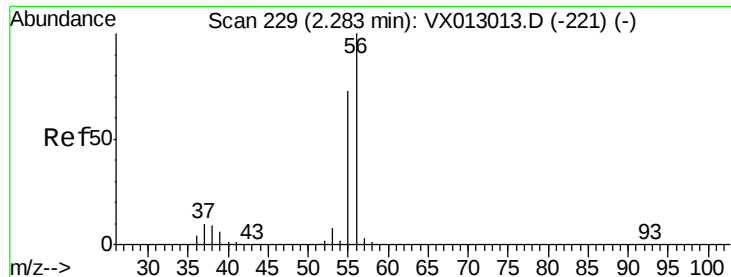


#12

1,1-Dichloroethene
Concen: 55.452 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	132.2	198.4
98	63.3	50.5	75.7





#13

Acrolein

Concen: 259.601 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 56 Resp: 84744

Ion Ratio Lower Upper

56 100

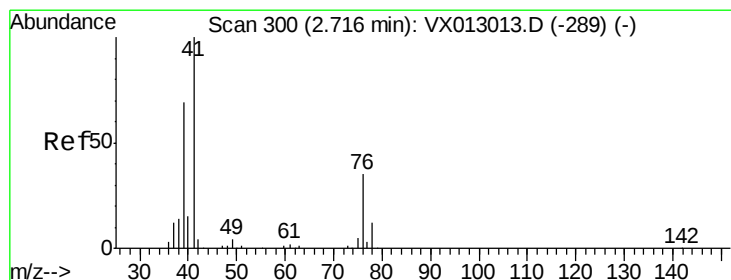
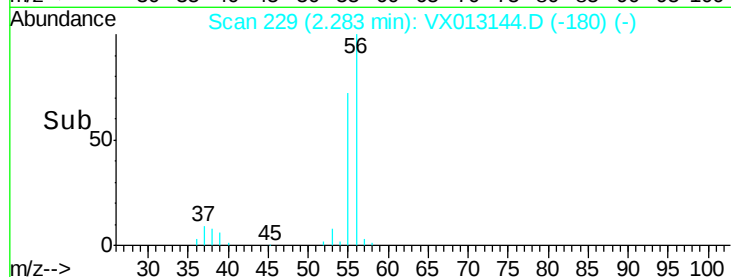
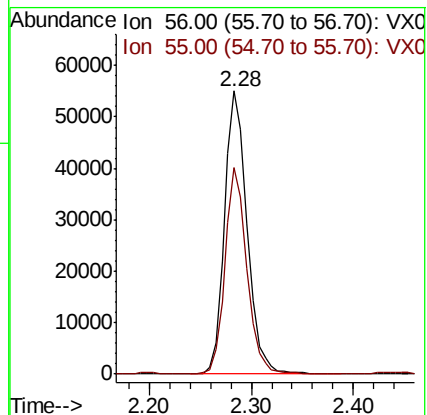
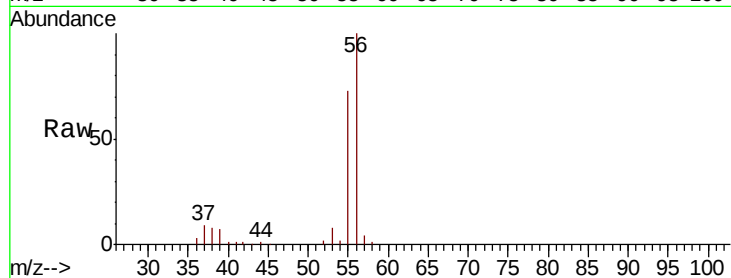
55 70.9 56.6 85.0

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#14

Allyl chloride

Concen: 49.825 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

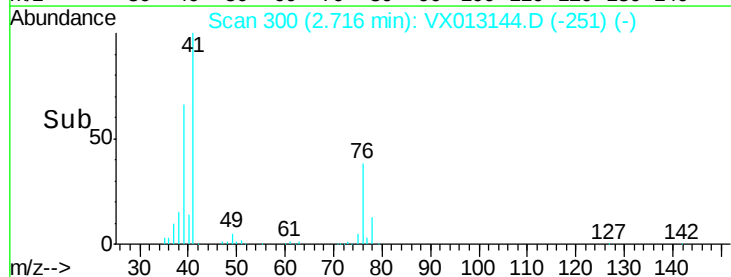
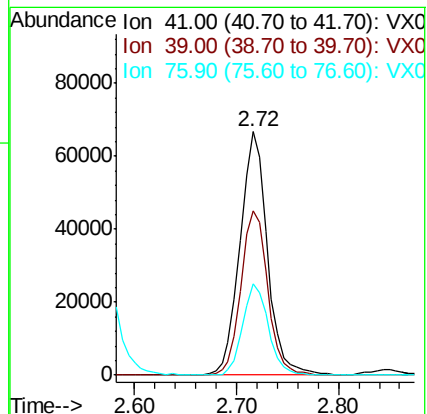
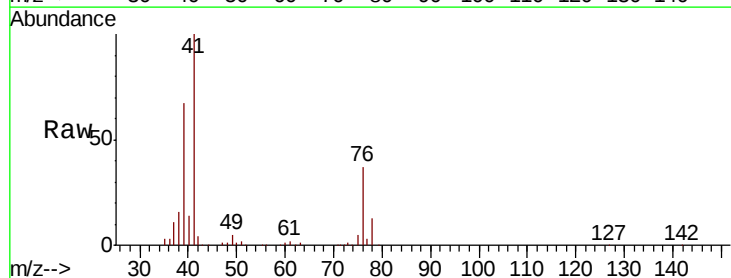
Tgt Ion: 41 Resp: 124312

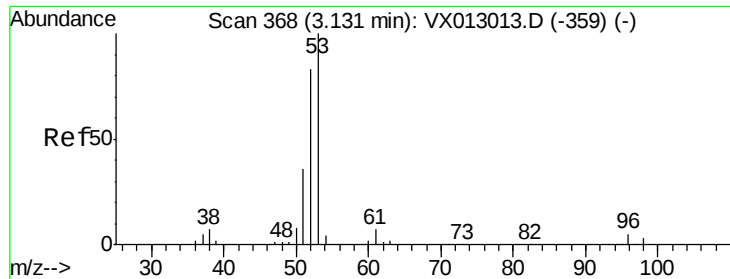
Ion Ratio Lower Upper

41 100

39 65.8 51.0 76.6

76 35.2 26.2 39.4





#15

Acrylonitrile

Concen: 260.080 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

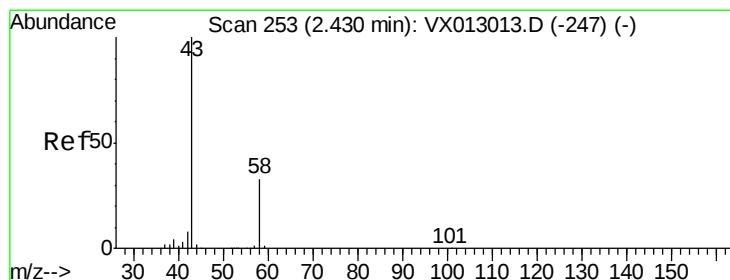
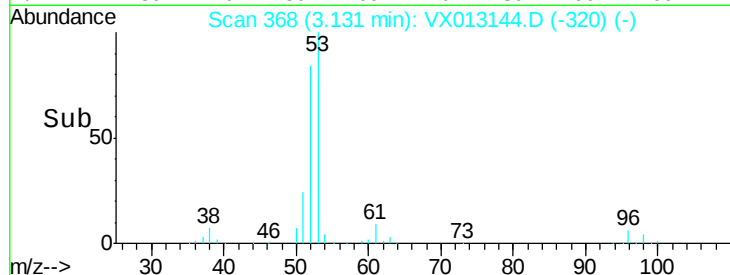
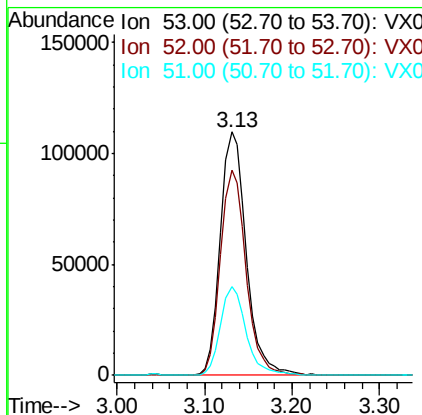
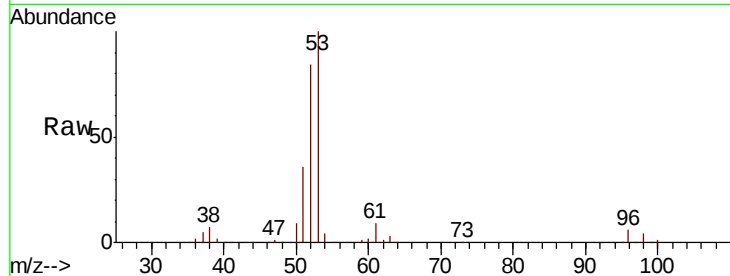
ClientSampleId :

MW-309-SRI4MS

Tot Ion:	53	Resp:	226400
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.2	99.2
51	36.1	28.2	42.4

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#16

Acetone

Concen: 210.765 ug/l

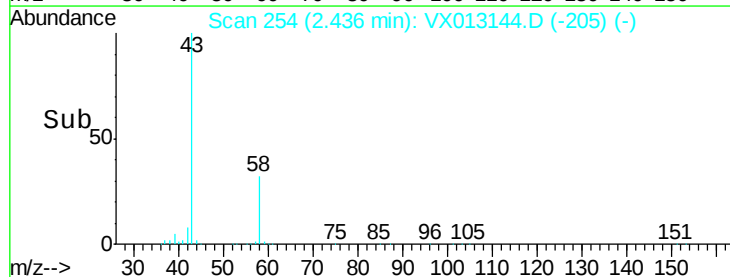
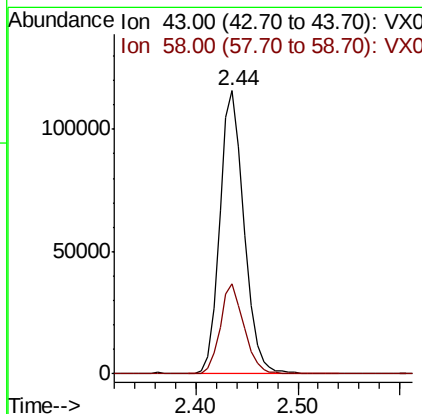
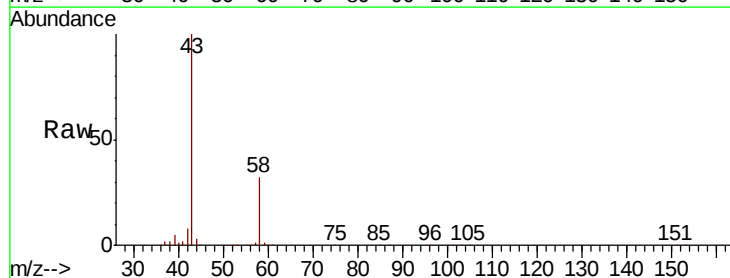
RT: 2.44 min Scan# 254

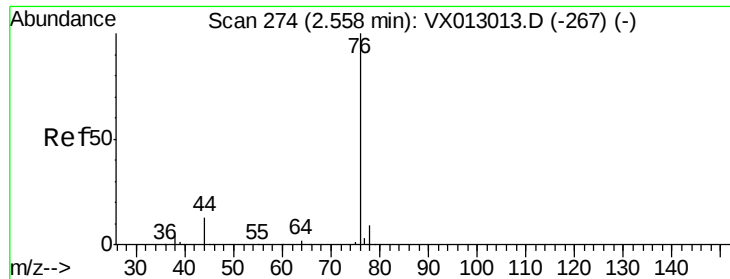
Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion:	43	Resp:	192504
Ion Ratio	Lower	Upper	
43	100		
58	31.7	25.4	38.2





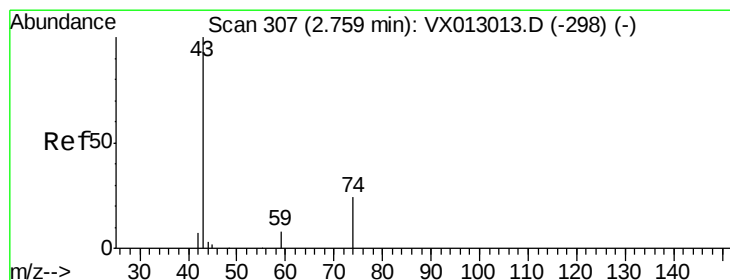
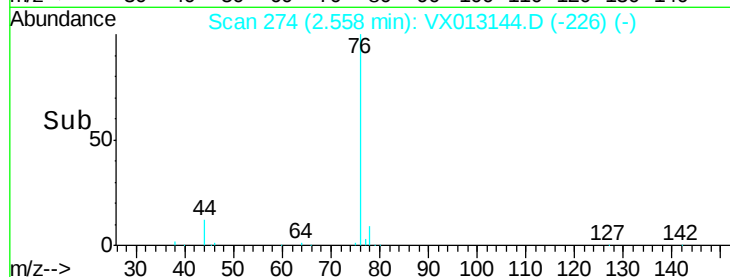
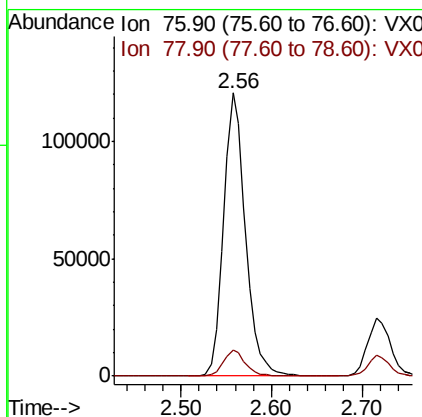
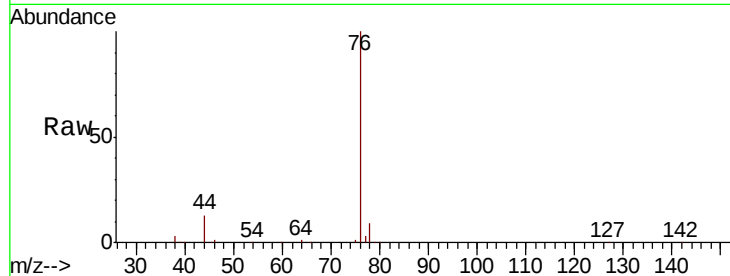
#17
Carbon Disulfide
Concen: 50.635 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

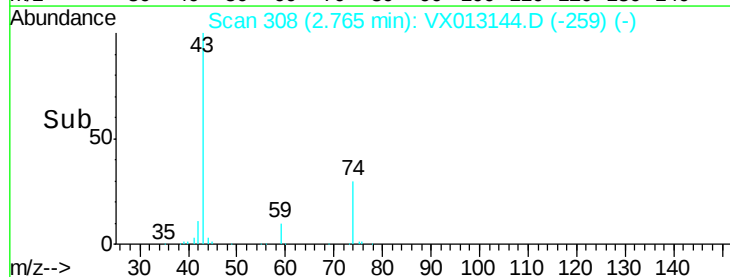
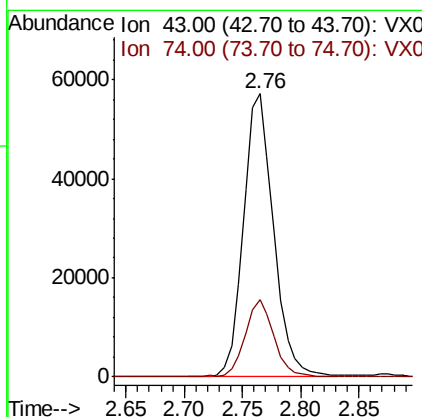
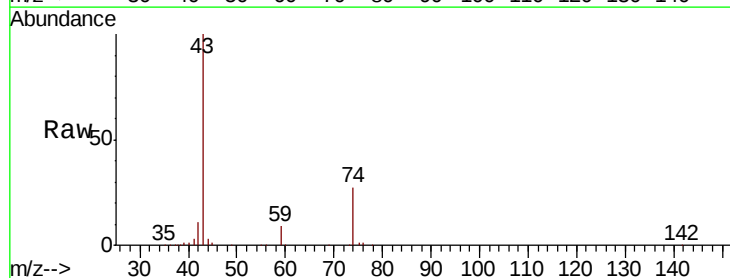
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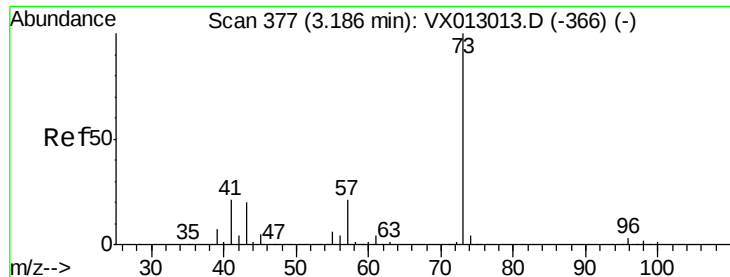
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#18
Methyl Acetate
Concen: 47.597 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.2	28.8





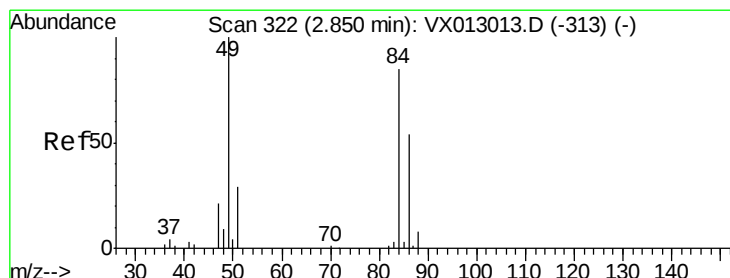
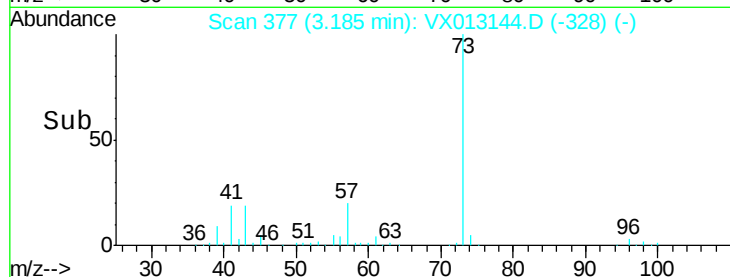
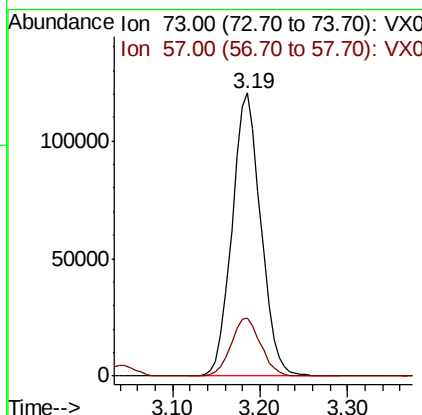
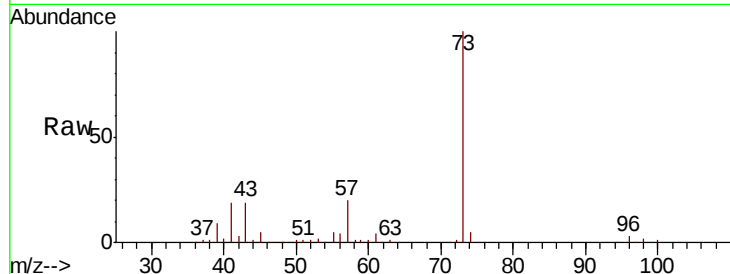
#19
Methyl tert-butyl Ether
Concen: 56.966 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.8	26.6

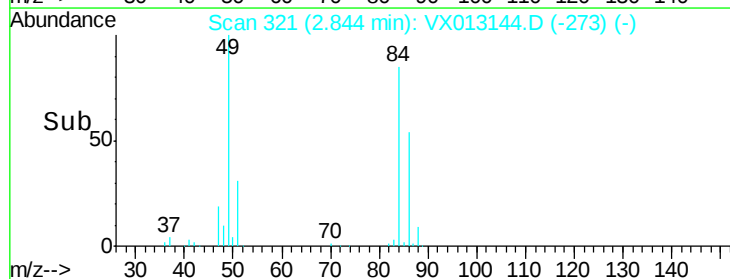
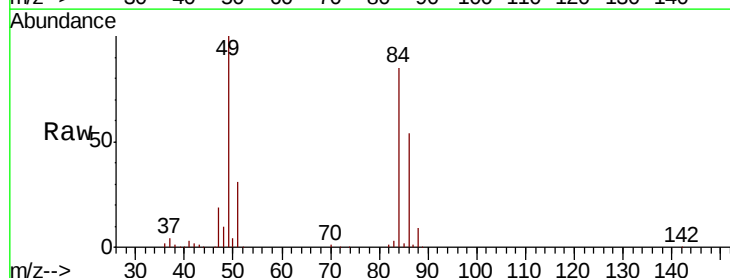
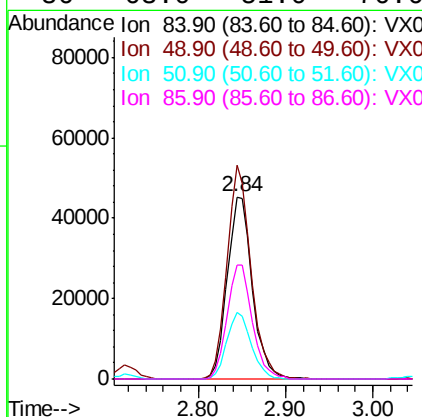
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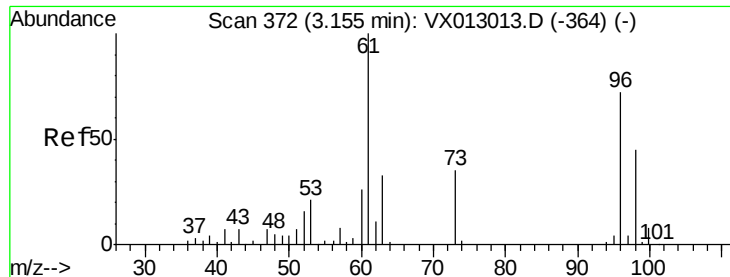
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#20
Methylene Chloride
Concen: 53.563 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.4	96.6	144.8
51	36.6	30.7	46.1
86	63.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 55.436 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

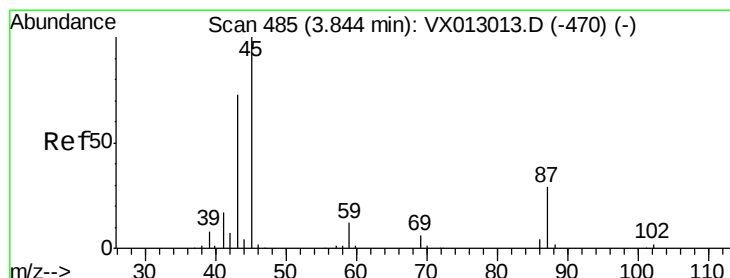
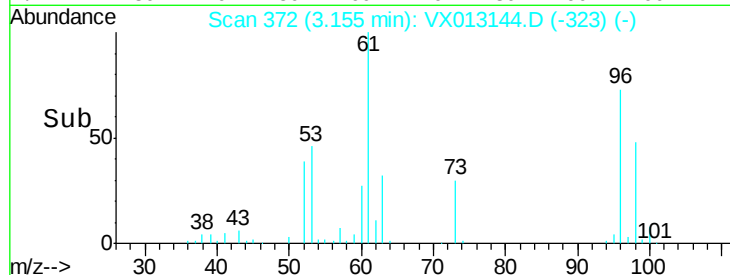
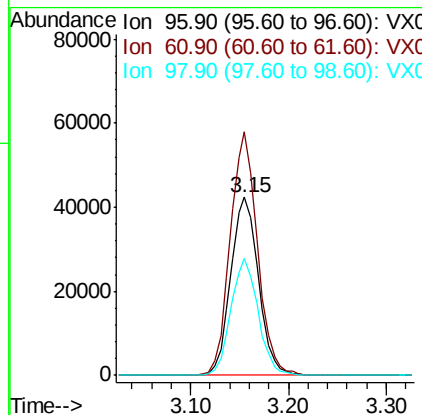
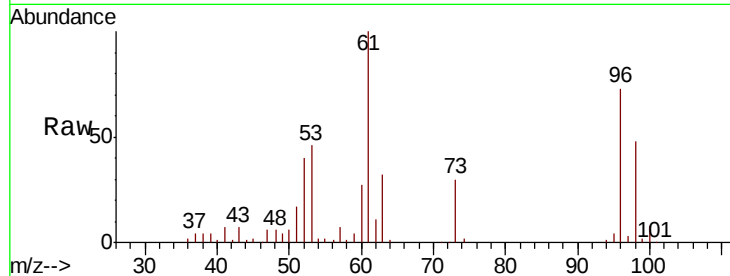
ClientSampleId :

MW-309-SRI4MS

Tot Ion:	96	Resp:	83244
Ion	Ratio	Lower	Upper
96	100		
61	136.7	110.4	165.6
98	65.7	51.5	77.3

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#22

Diisopropyl ether

Concen: 52.219 ug/l

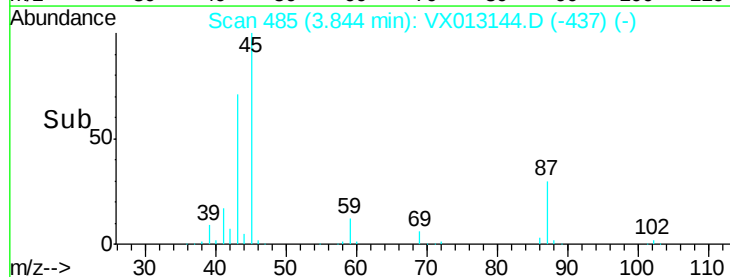
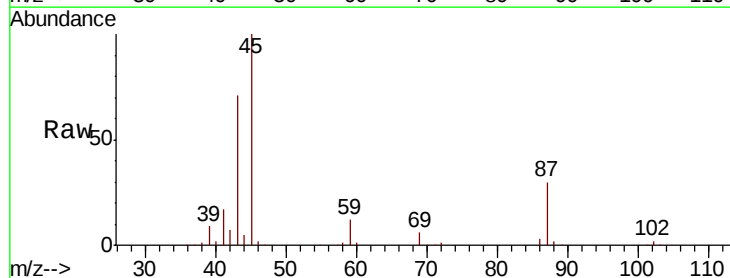
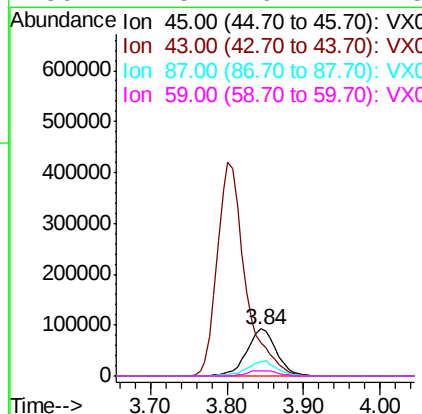
RT: 3.84 min Scan# 485

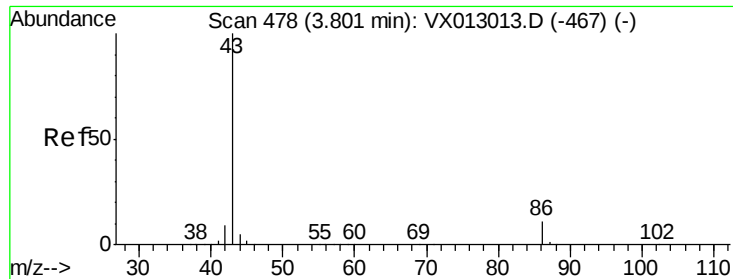
Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion:	45	Resp:	249652
Ion	Ratio	Lower	Upper
45	100		
43	71.1	51.4	77.0
87	30.2	22.5	33.7
59	11.5	9.7	14.5





#23

Vinyl Acetate

Concen: 259.008 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 43 Resp: 1068978

Ion Ratio Lower Upper

43 100

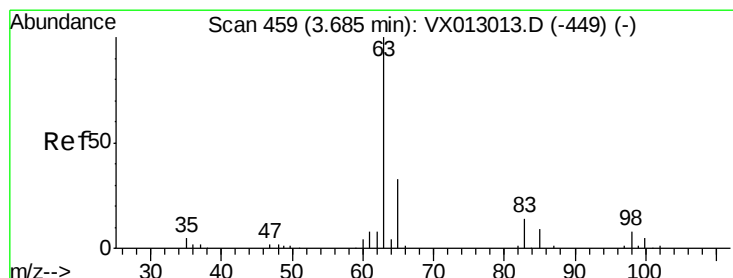
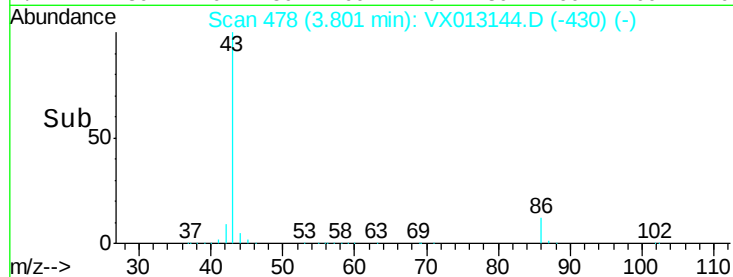
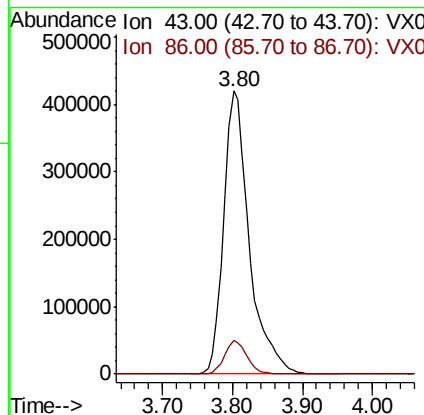
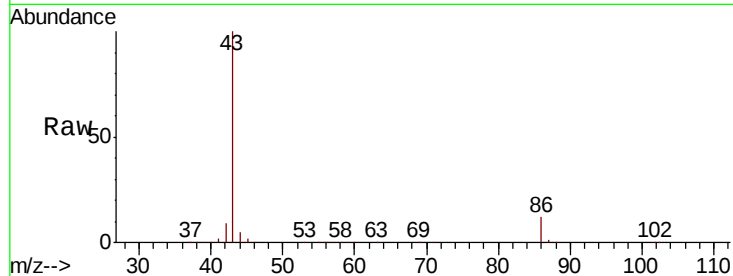
86 11.9 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 55.575 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

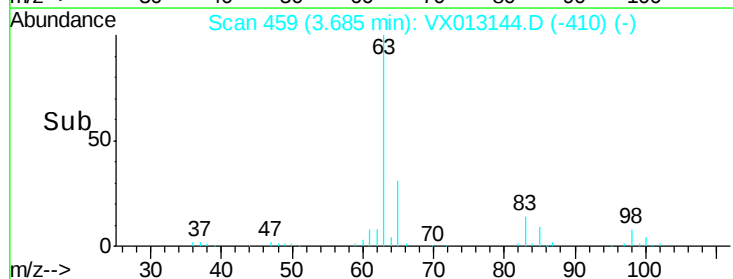
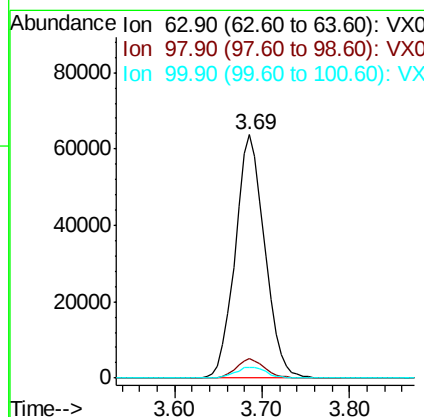
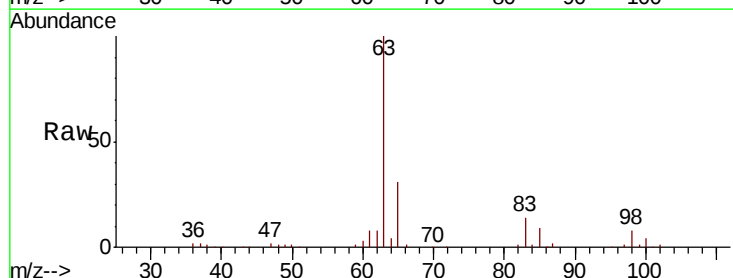
Tgt Ion: 63 Resp: 149474

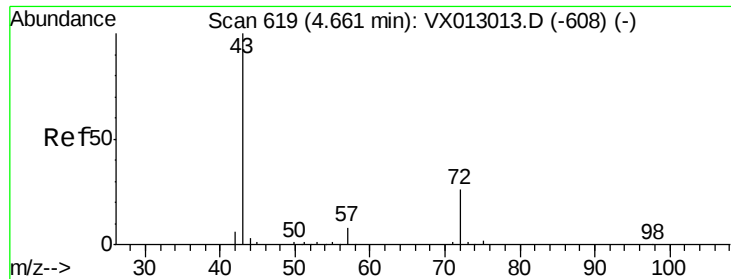
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 238.562 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 43 Resp: 302295

Ion Ratio Lower Upper

43 100

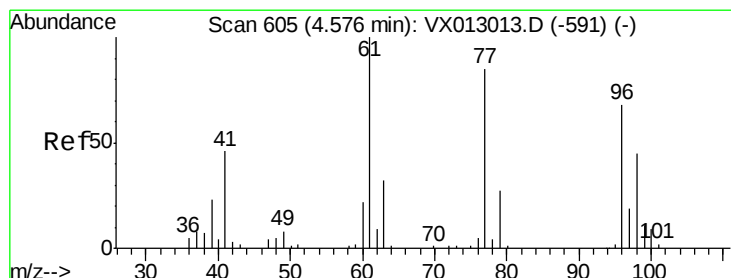
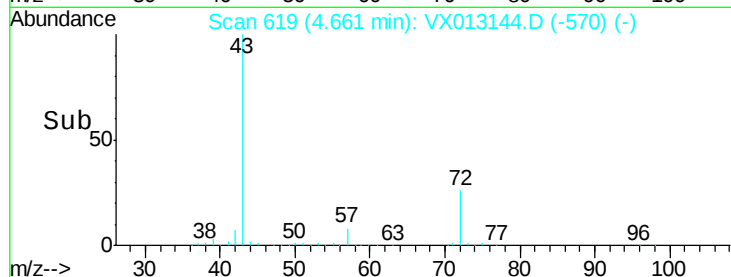
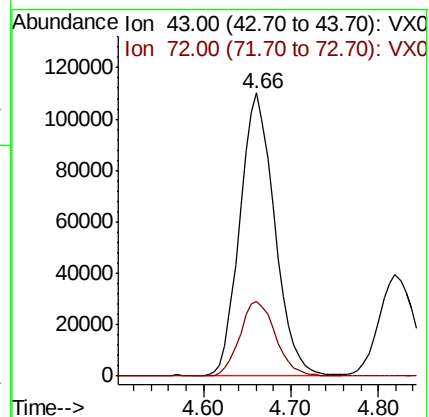
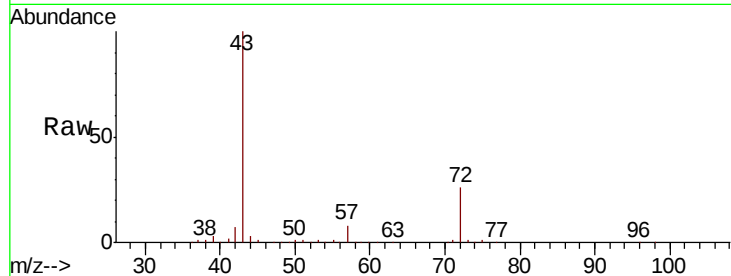
72 26.4 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.199 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013144.D

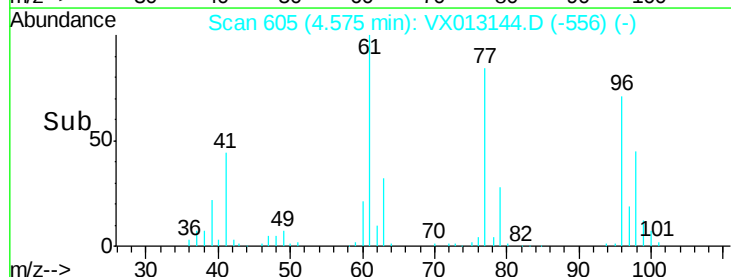
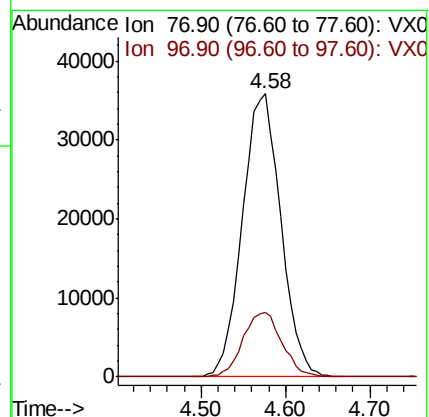
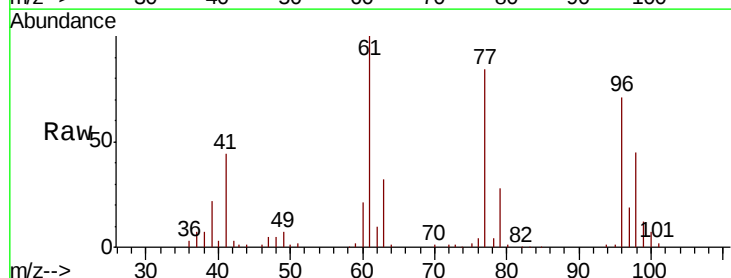
Acq: 18 Oct 2019 21:47

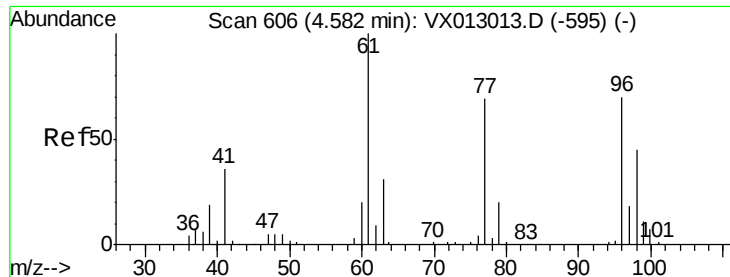
Tgt Ion: 77 Resp: 111275

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9





#27

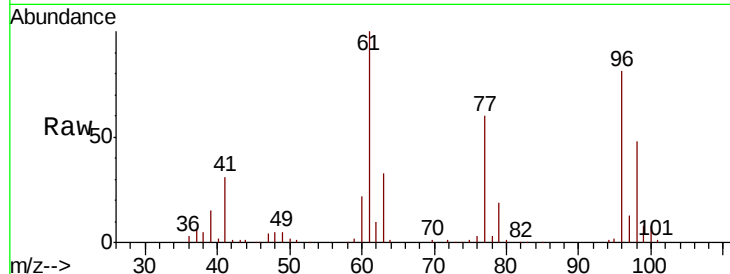
cis-1,2-Dichloroethene
Concen: 55.745 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	290.6
98	63.3	0.0	128.8

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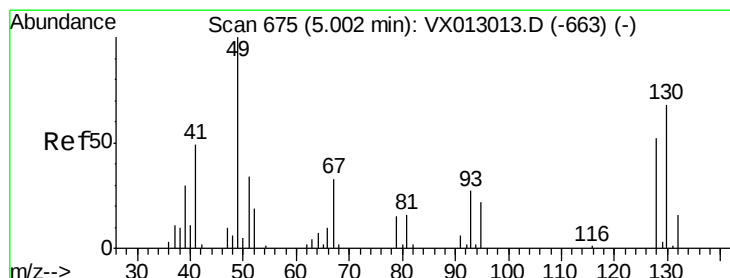
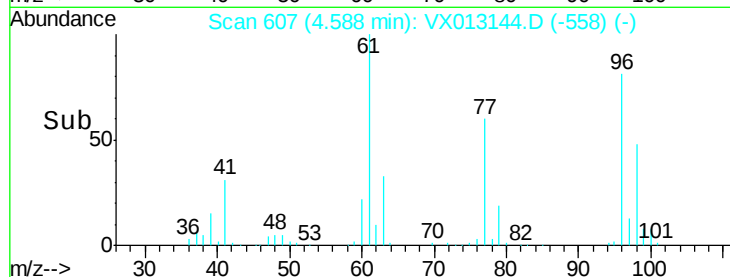
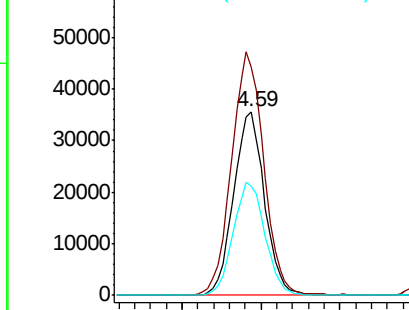


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

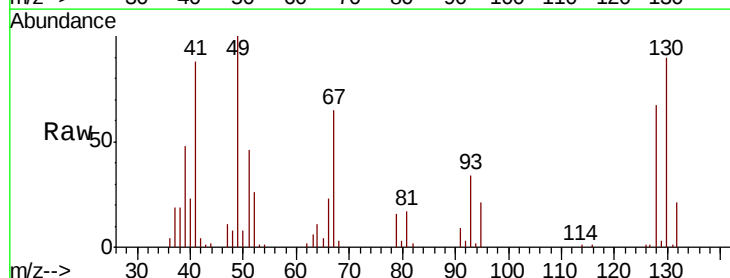
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.141 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	84.2	62.1	93.1

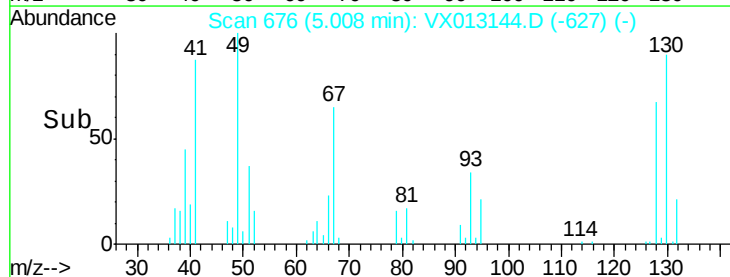
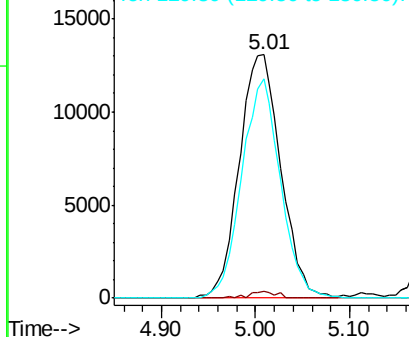


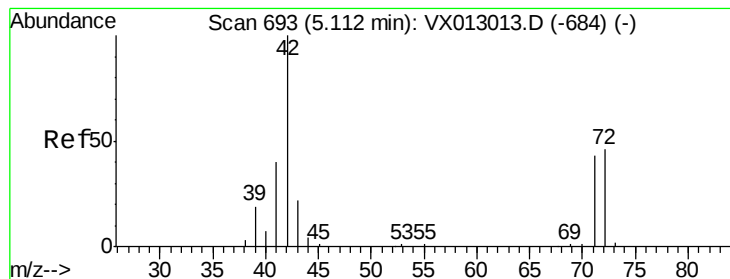
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 244.781 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

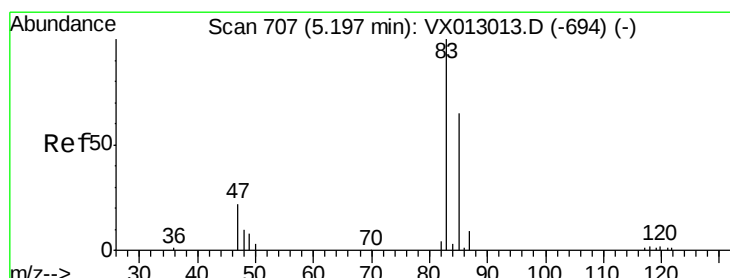
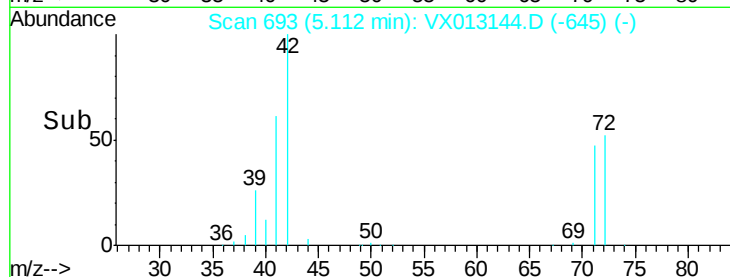
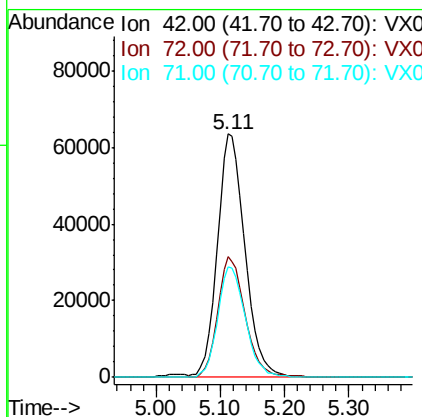
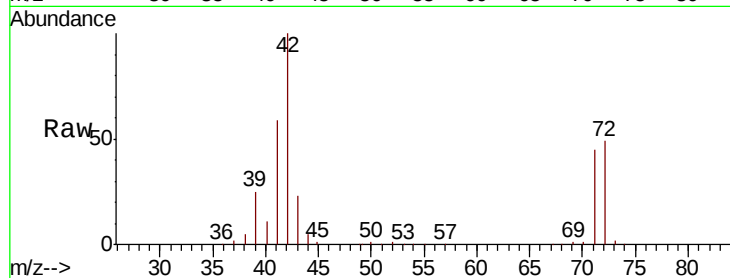
ClientSampleId :

MW-309-SRI4MS

Tot Ion:	42	Resp:	190872
Ion	Ratio	Lower	Upper
42	100		
72	49.8	36.9	55.3
71	45.8	33.5	50.3

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#30

Chloroform

Concen: 57.920 ug/l

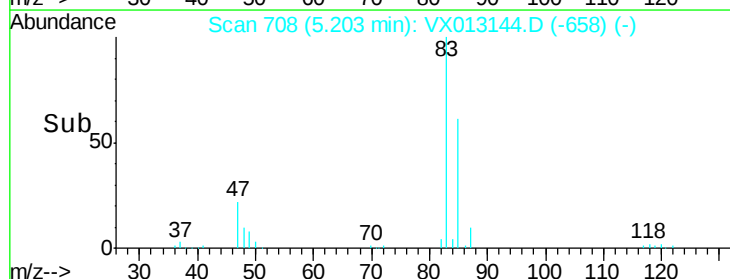
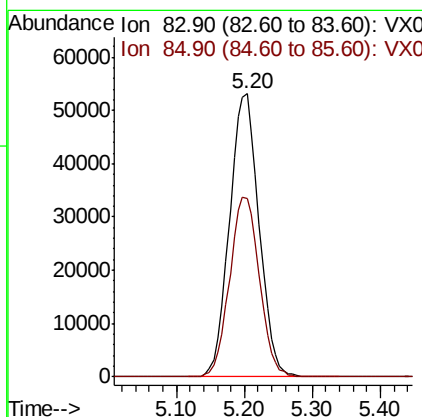
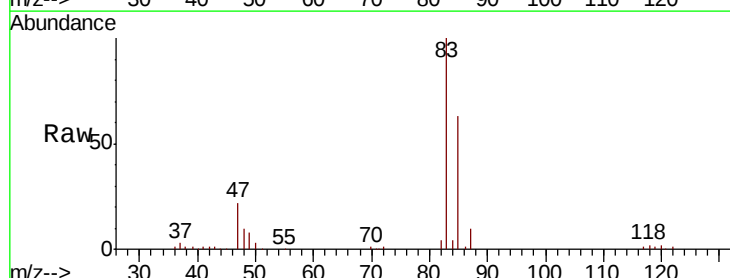
RT: 5.20 min Scan# 708

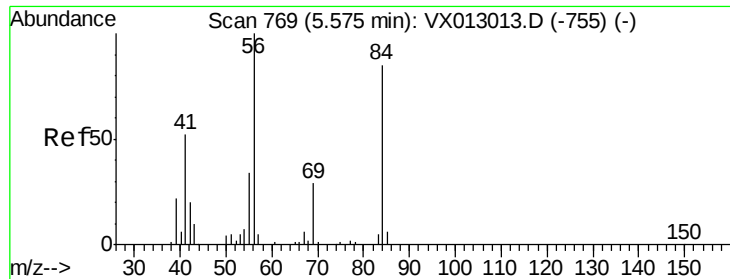
Delta R.T. 0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion:	83	Resp:	159845
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3





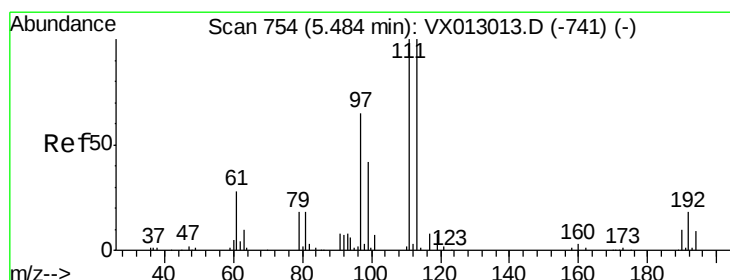
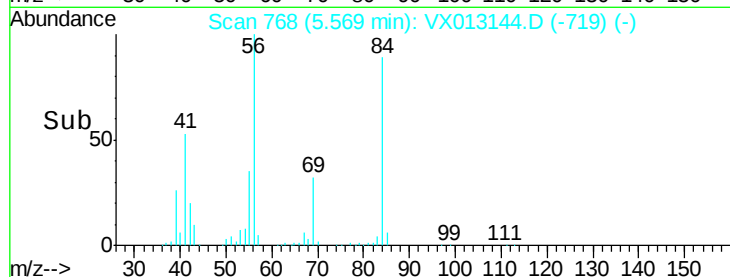
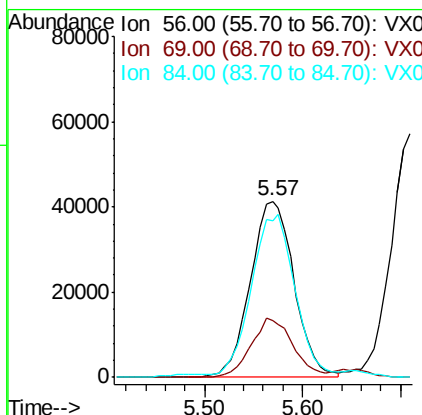
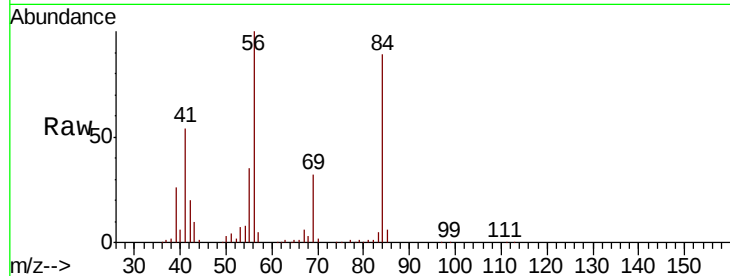
#31
Cyclohexane
Concen: 50.992 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.2	37.8
84	86.8	71.3	106.9

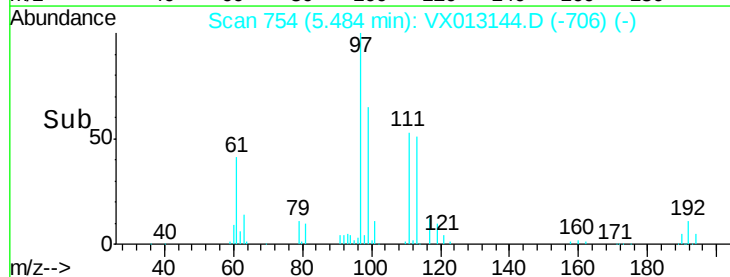
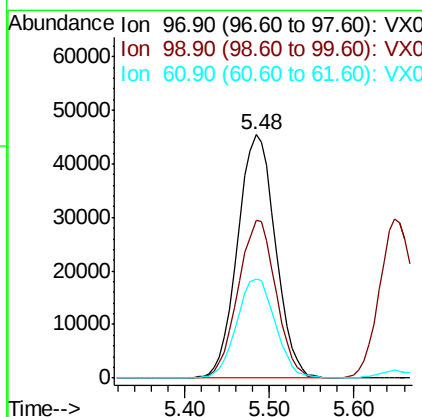
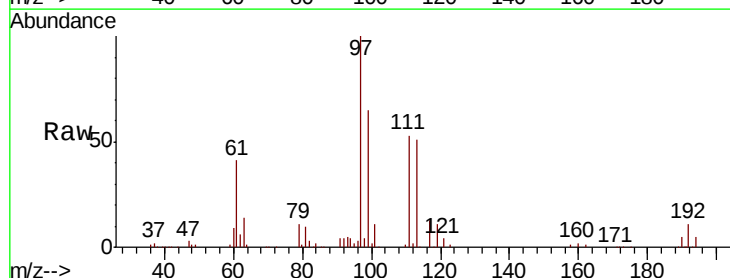
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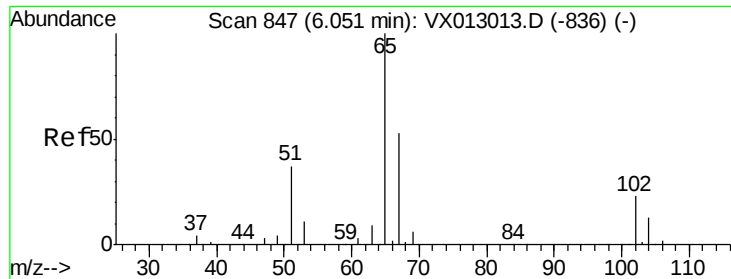
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#32
1,1,1-Trichloroethane
Concen: 59.178 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	41.8	35.0	52.4





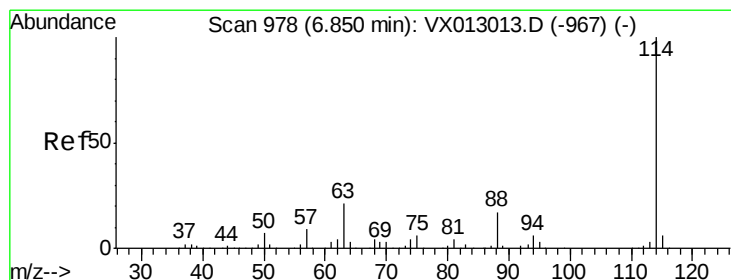
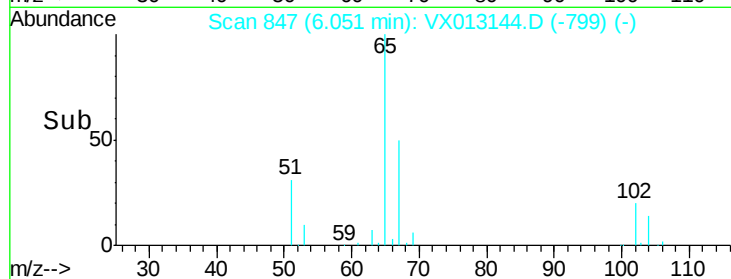
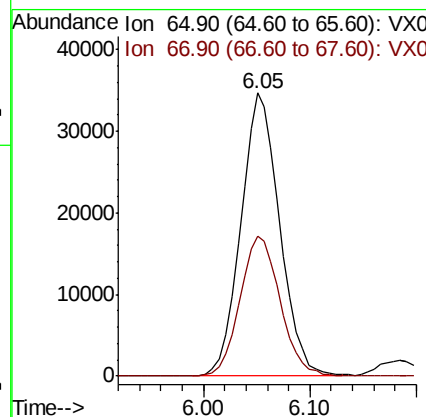
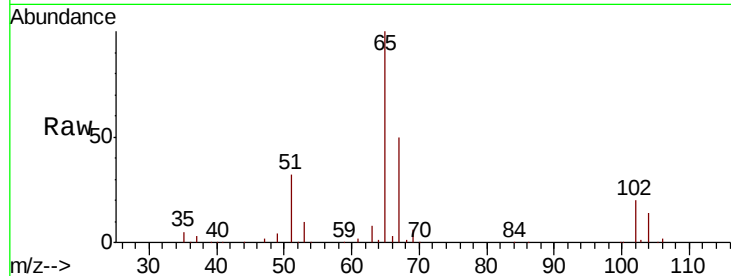
#33
 1,2-Dichloroethane-d4
 Concen: 51.015 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.4

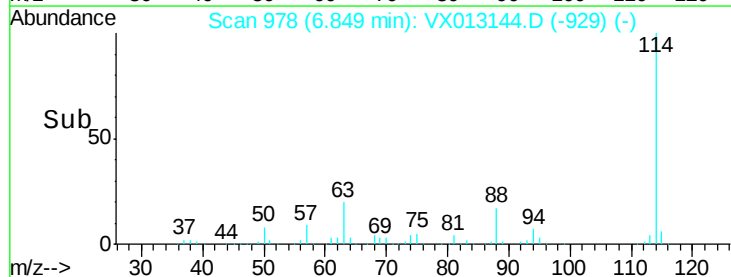
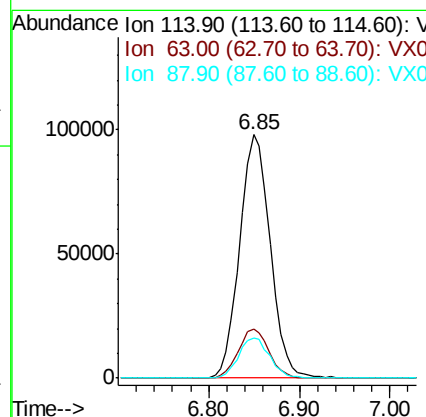
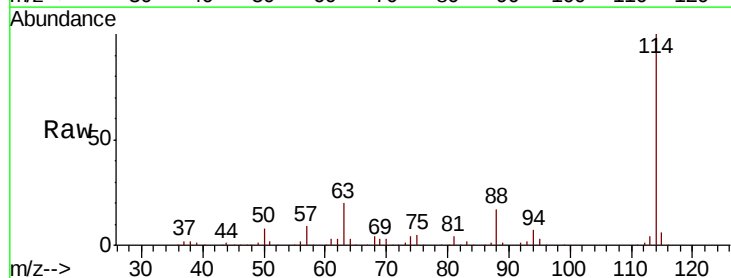
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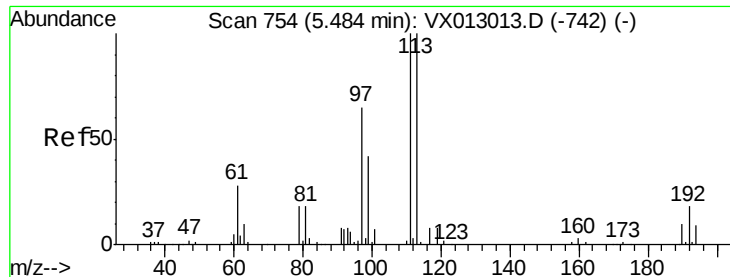
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	16.6	0.0	33.8





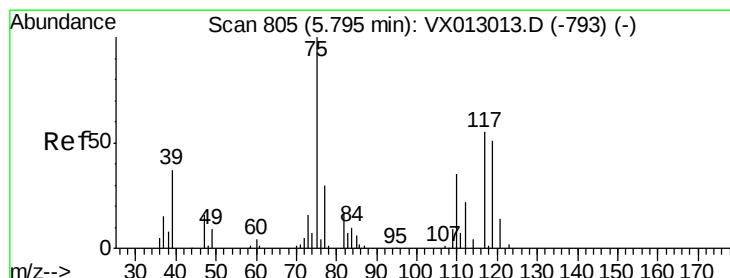
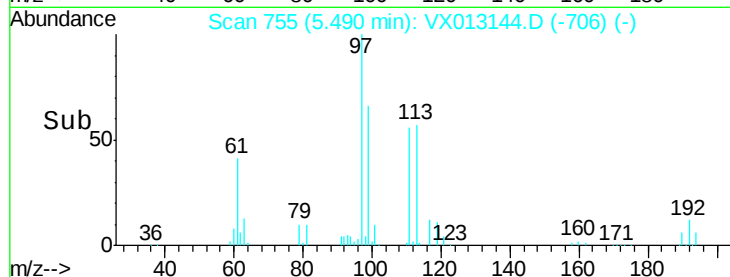
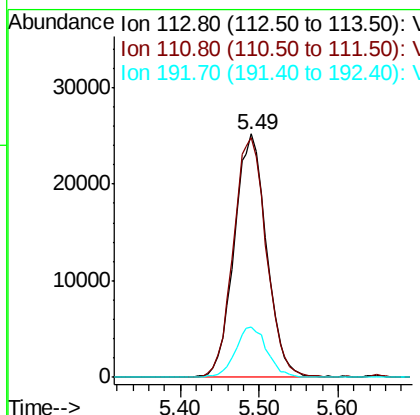
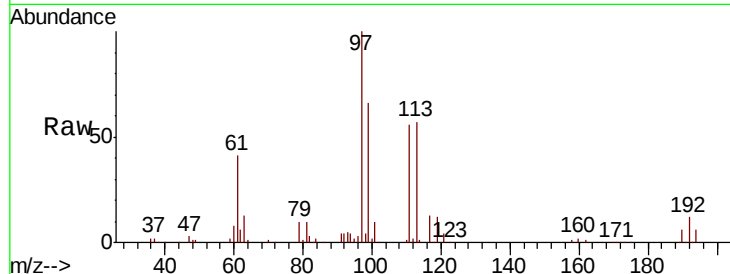
#35
 Dibromofluoromethane
 Concen: 54.445 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.2	124.8
192	20.1	15.4	23.2

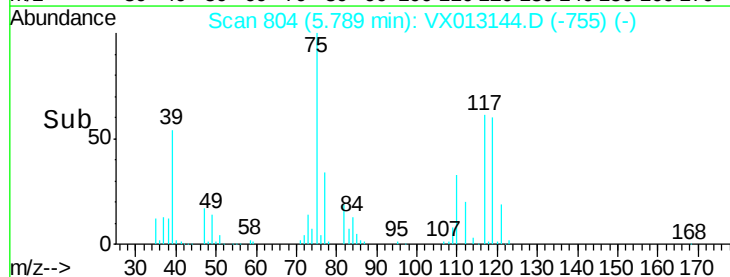
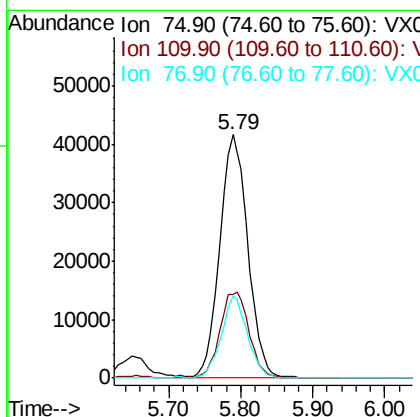
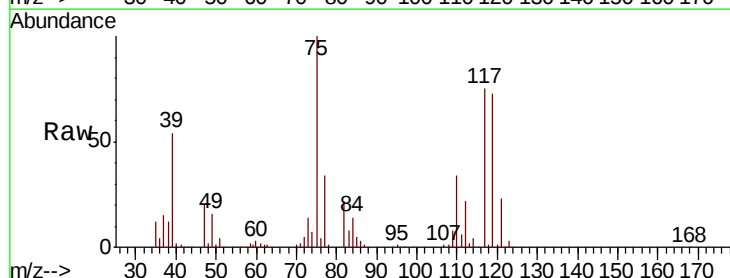
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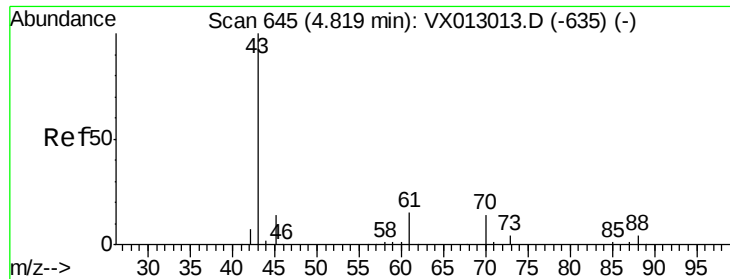
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#36
 1,1-Dichloropropene
 Concen: 55.948 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.6	52.9
77	31.5	24.4	36.6





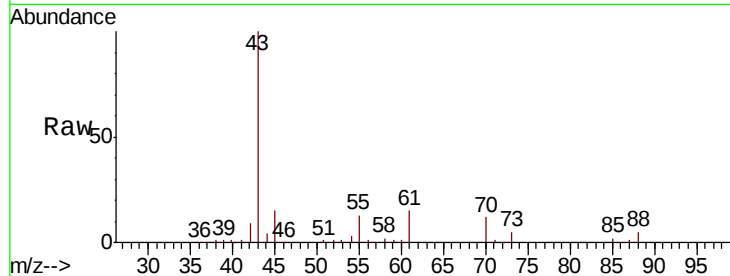
#37
Ethyl Acetate
Concen: 50.633 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

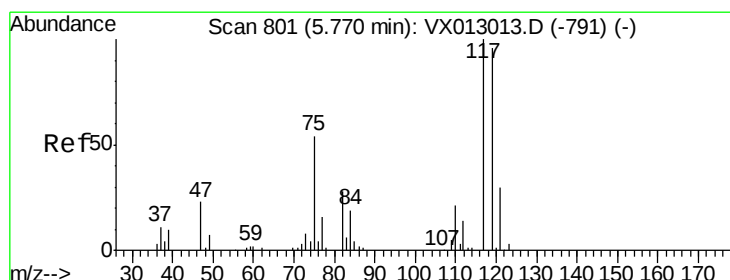
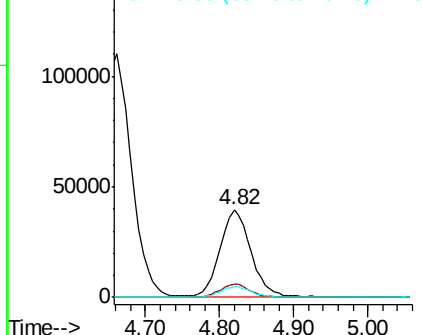
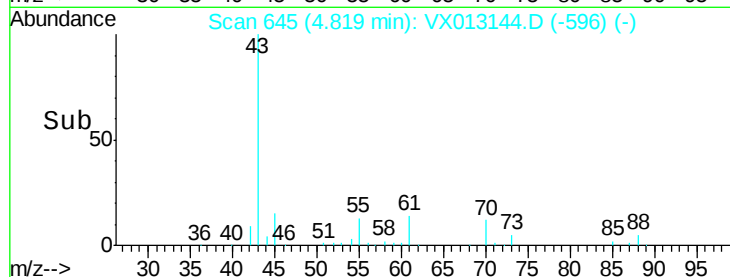
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.4	17.0
70	12.6	9.8	14.6

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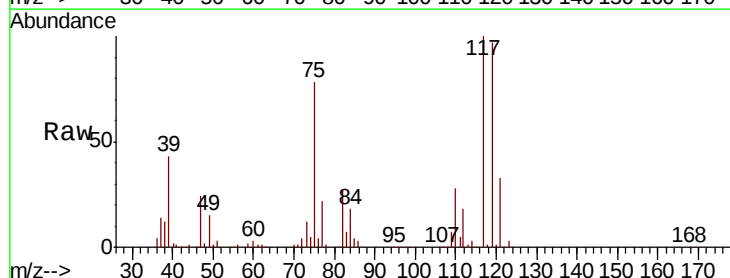


Abundance Ion 43.00 (42.70 to 43.70): VX013144.D (-596) (-)

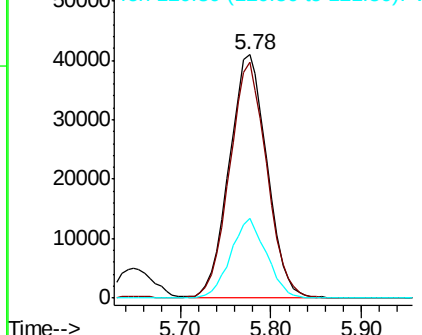
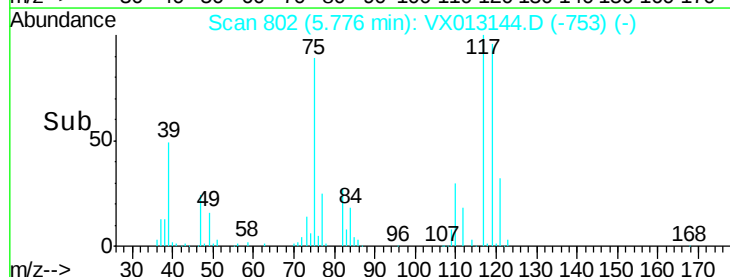


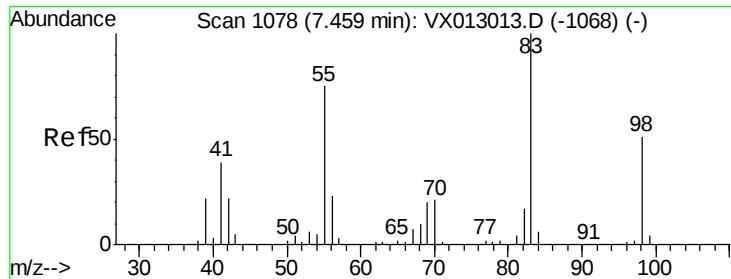
#38
Carbon Tetrachloride
Concen: 60.179 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.5	111.7
121	32.7	24.2	36.4



Abundance Ion 116.80 (116.50 to 117.50): VX013144.D (-753) (-)





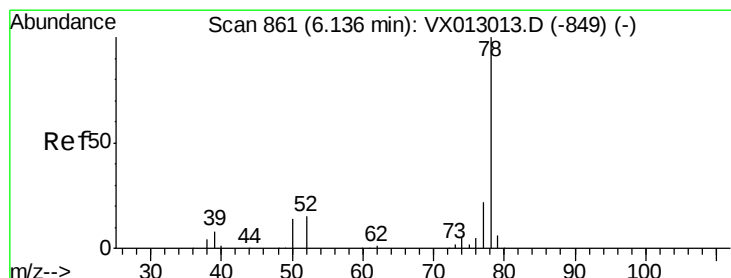
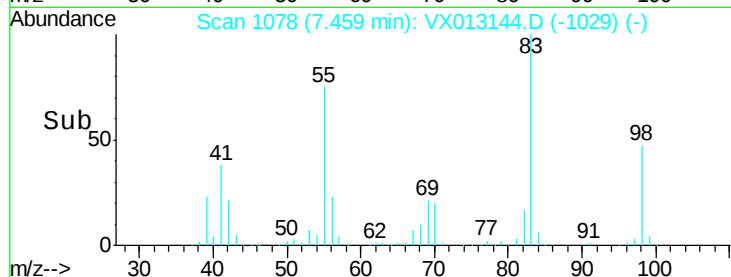
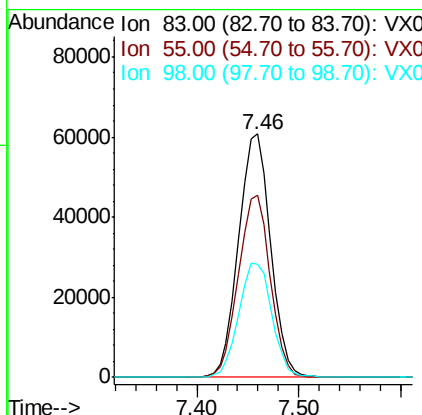
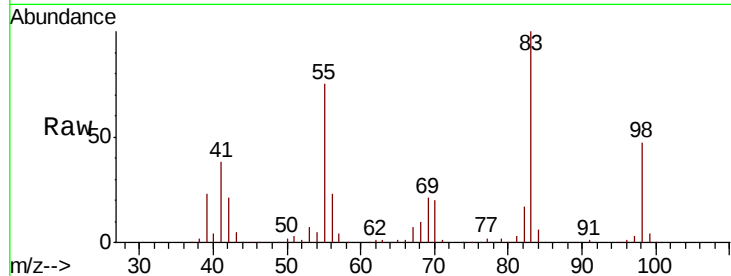
#39
Methylvlcyclohexane
Concen: 54.220 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.2	90.4
98	46.6	38.5	57.7

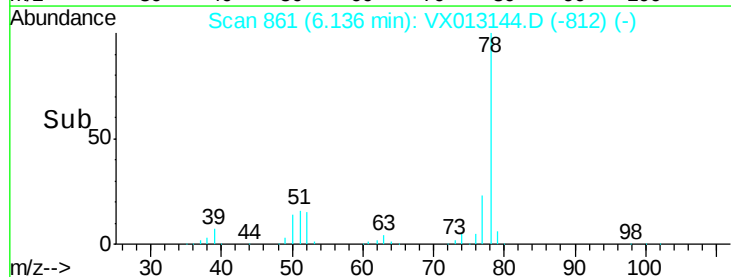
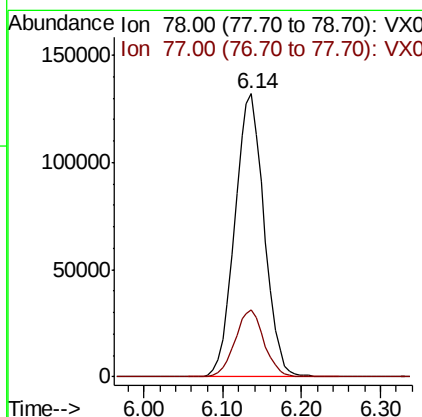
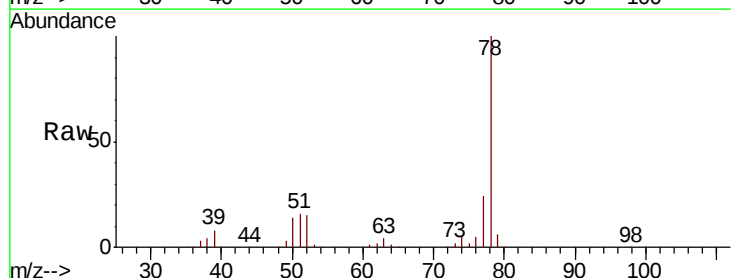
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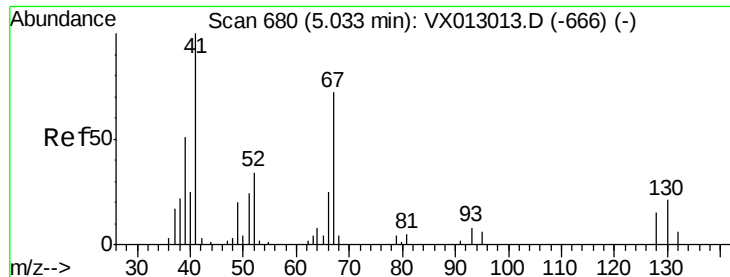
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#40
Benzene
Concen: 57.142 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





#41

Methacrylonitrile

Concen: 51.748 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 41 Resp: 64277

Ion Ratio Lower Upper

41 100

39 56.8 44.0 66.0

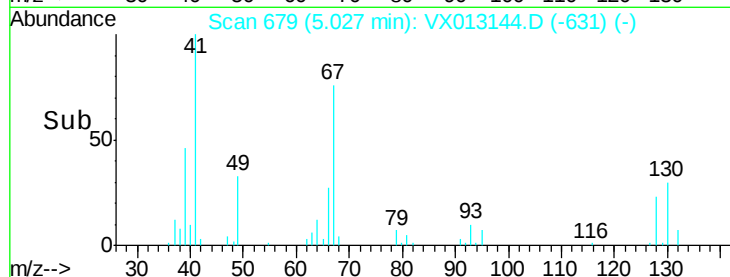
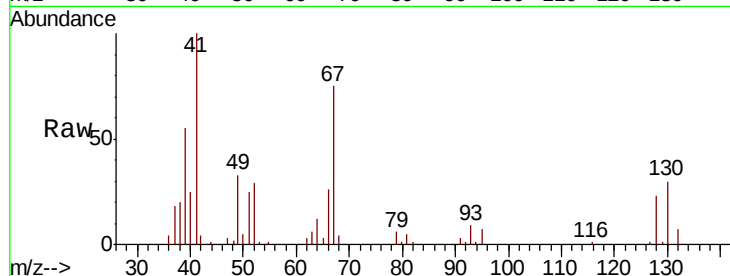
67 76.9 58.5 87.7

52 30.2 23.8 35.8

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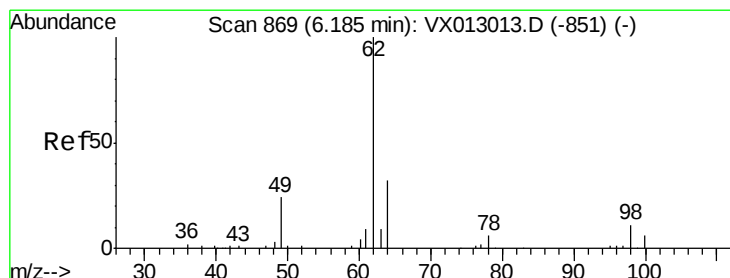
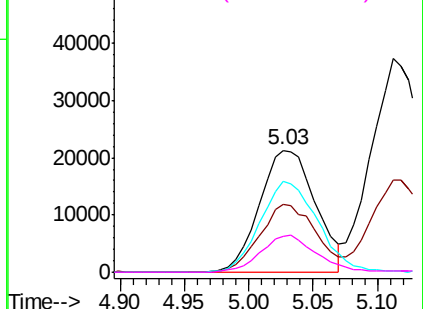


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 59.382 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013144.D

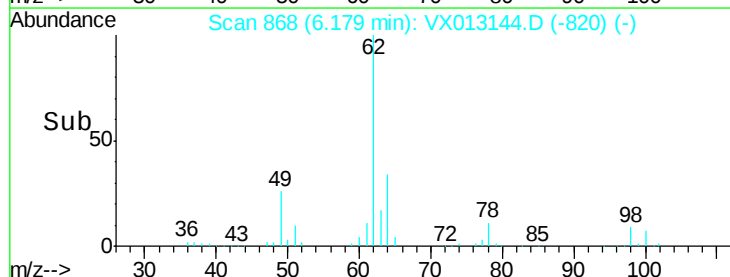
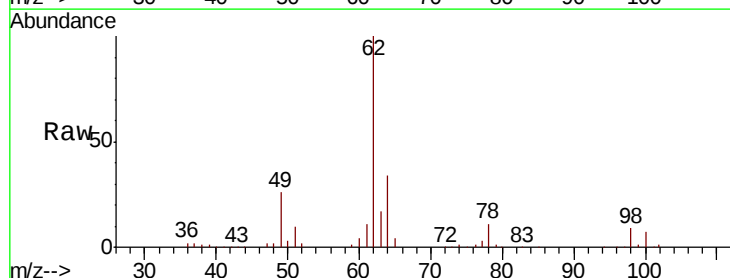
Acq: 18 Oct 2019 21:47

Tgt Ion: 62 Resp: 127223

Ion Ratio Lower Upper

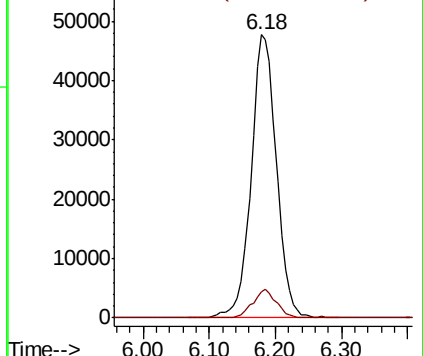
62 100

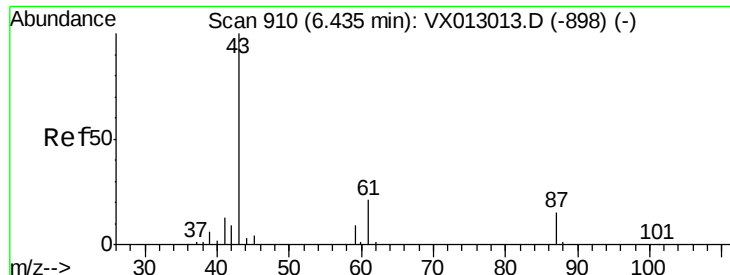
98 9.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.459 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 43 Resp: 190327

Ion Ratio Lower Upper

43 100

61 21.2 16.6 24.8

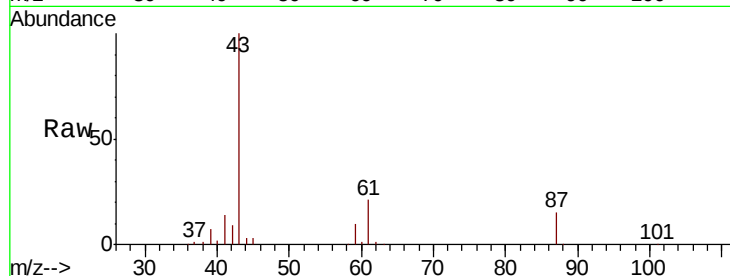
87 14.6 11.0 16.6

Manual Integrations

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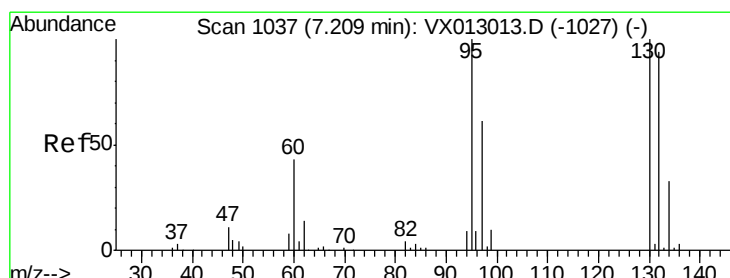
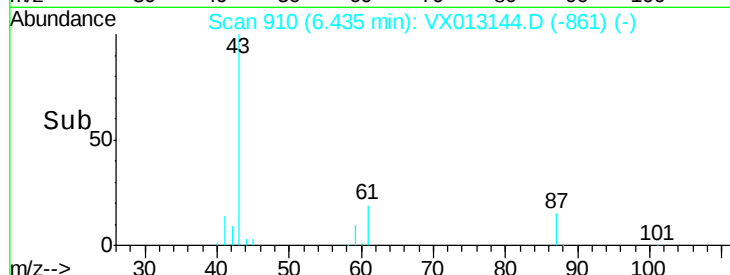
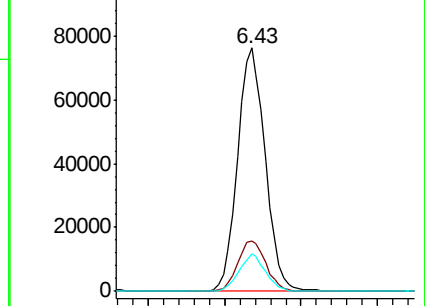
10/21/2019 11:03:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 57.932 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013144.D

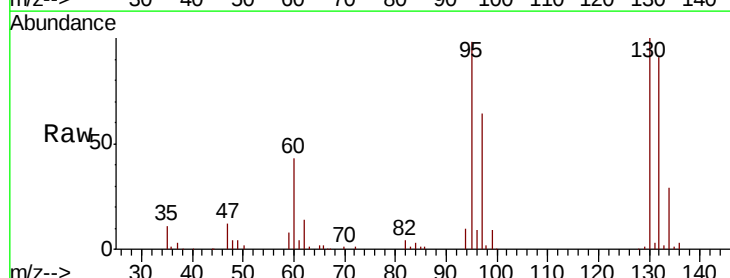
Acq: 18 Oct 2019 21:47

Tgt Ion: 130 Resp: 95916

Ion Ratio Lower Upper

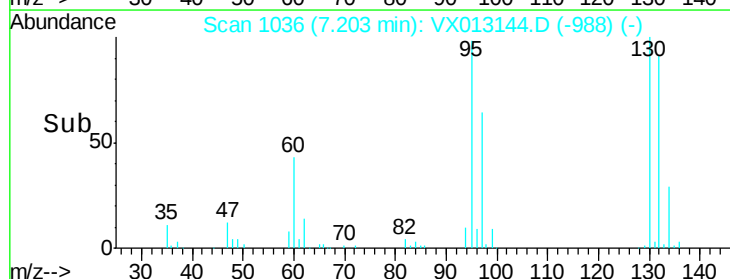
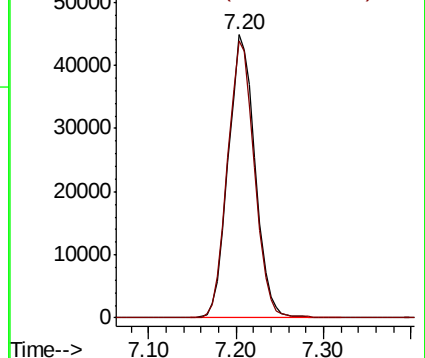
130 100

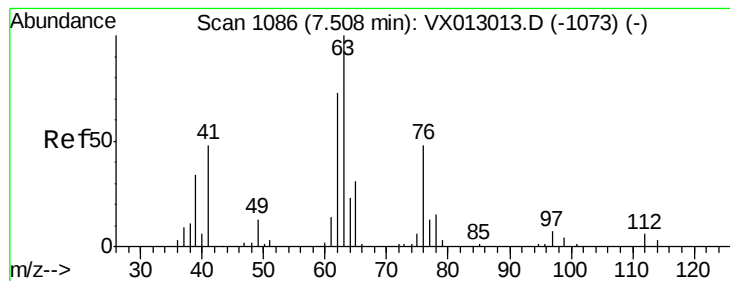
95 97.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.790 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 63 Resp: 83375

Ion Ratio Lower Upper

63 100

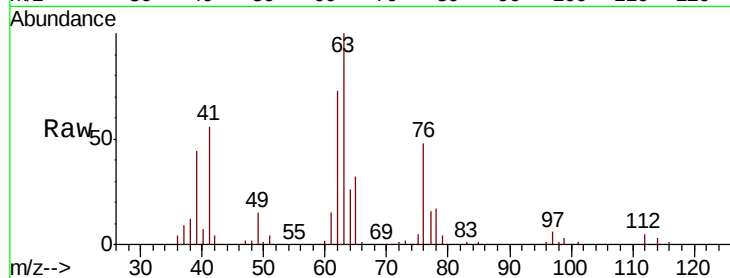
65 32.1 24.6 37.0

Manual Integrations

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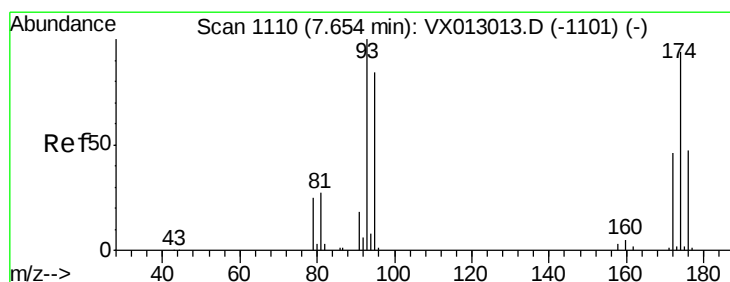
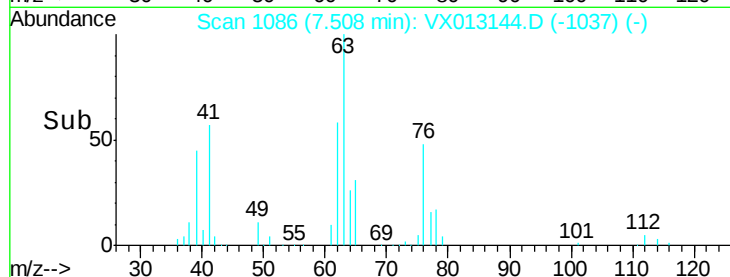
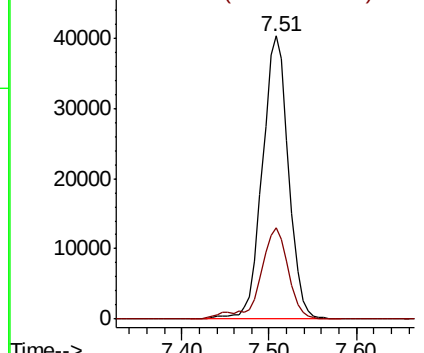
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 59.146 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

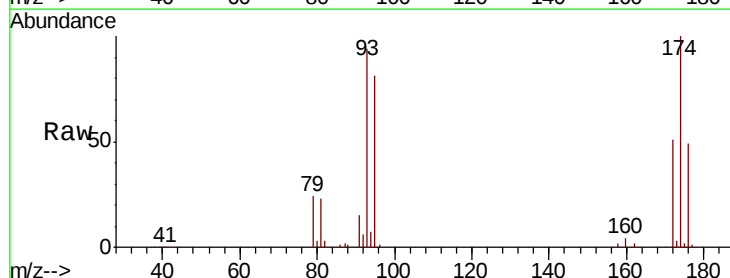
Tgt Ion: 93 Resp: 59966

Ion Ratio Lower Upper

93 100

95 82.6 66.3 99.5

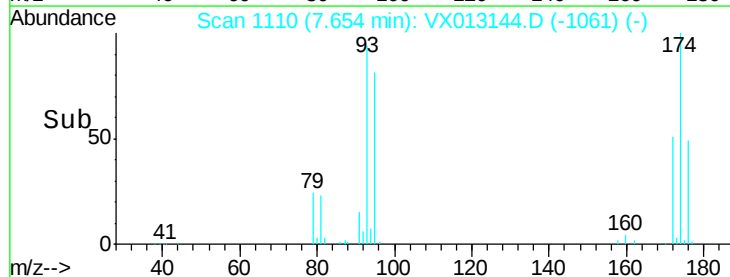
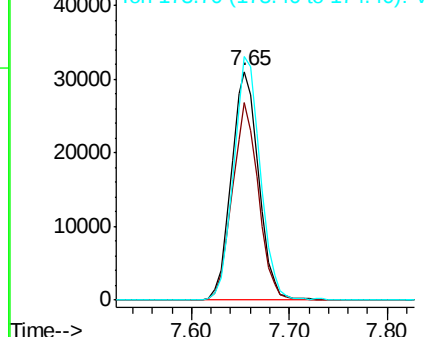
174 104.1 77.8 116.6

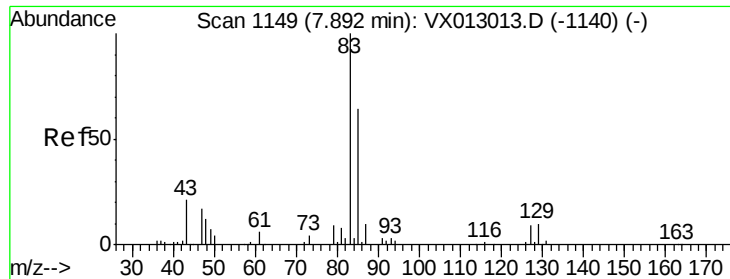


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 60.857 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

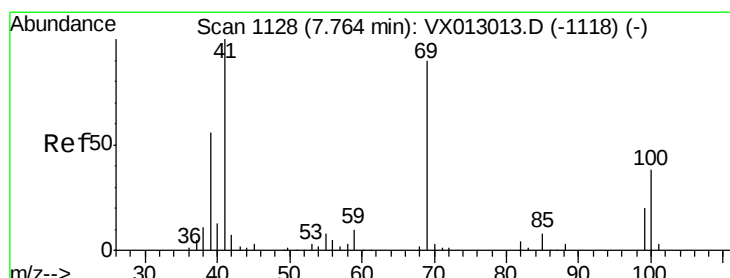
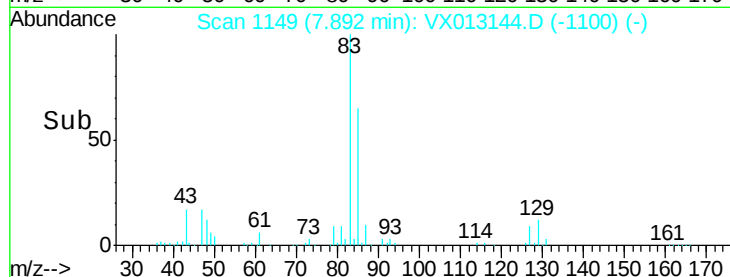
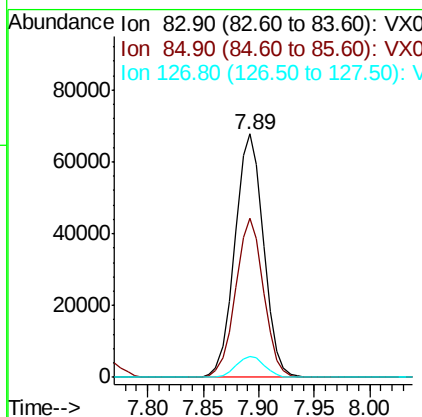
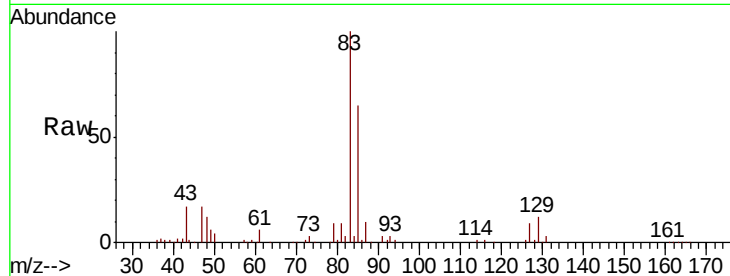
ClientSampleId :

MW-309-SRI4MS

Tot Ion:	83	Resp:	120409
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.4	78.6
127	8.7	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.806 ug/l

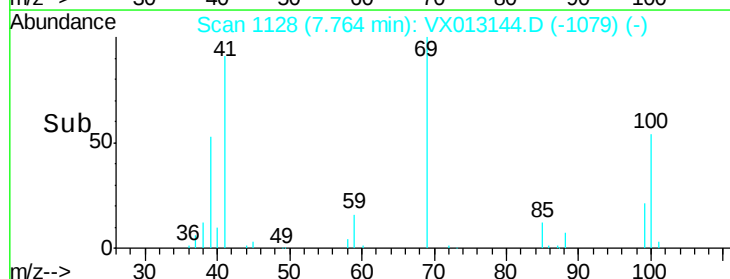
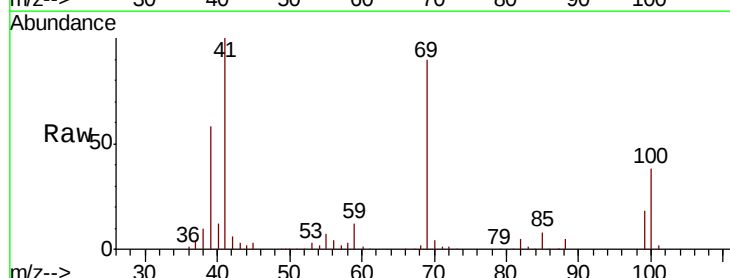
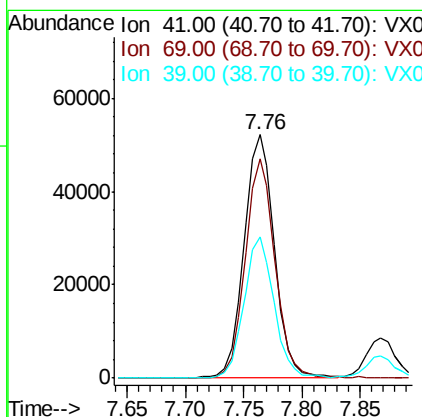
RT: 7.76 min Scan# 1128

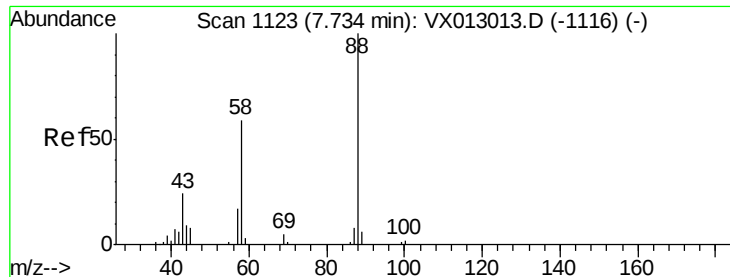
Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion:	41	Resp:	95131
Ion Ratio	Lower	Upper	
41	100		
69	88.9	68.7	103.1
39	57.3	44.3	66.5





#49

1,4-Dioxane

Concen: 925.522 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

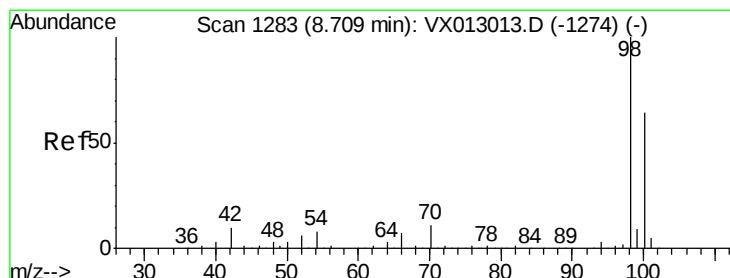
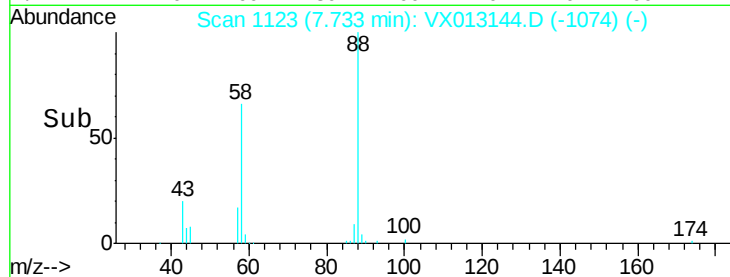
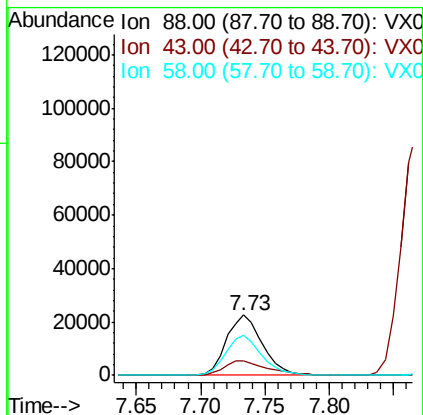
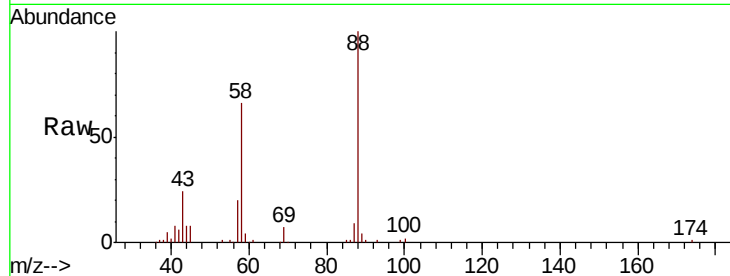
ClientSampleId :

MW-309-SRI4MS

Tot Ion:	88	Resp:	43784
Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.0	37.6
58	67.3	55.4	83.2

Manual Integrations
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#50

Toluene-d8

Concen: 50.025 ug/l

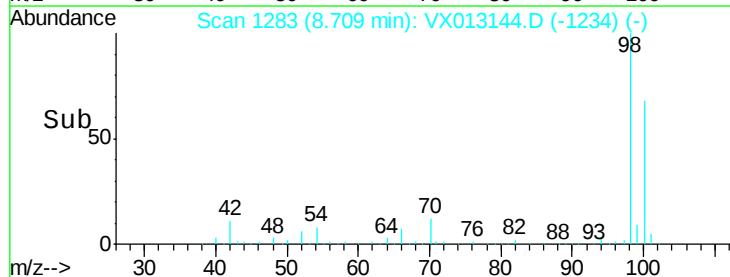
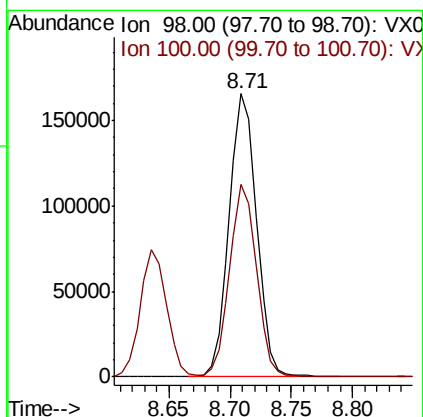
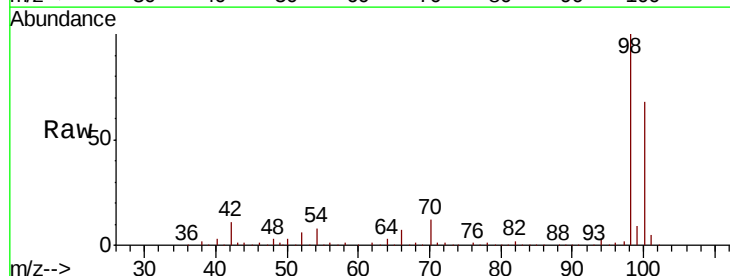
RT: 8.71 min Scan# 1283

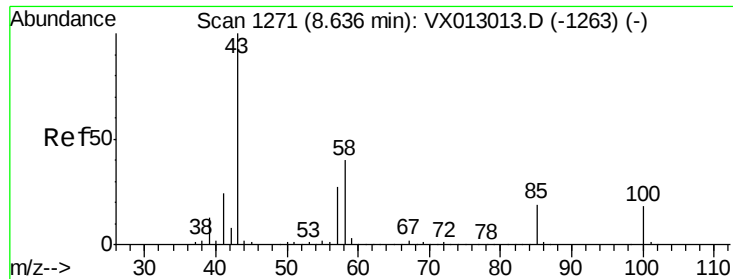
Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion:	98	Resp:	257482
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





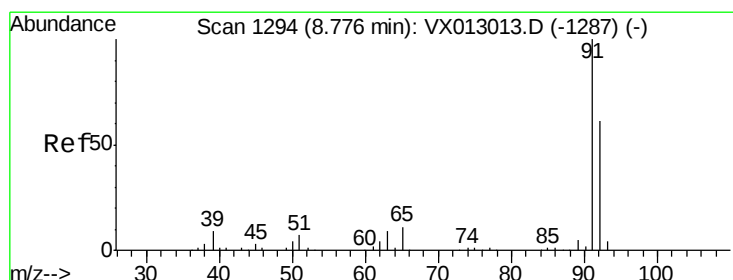
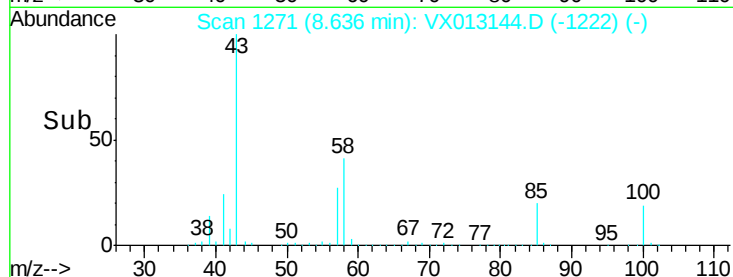
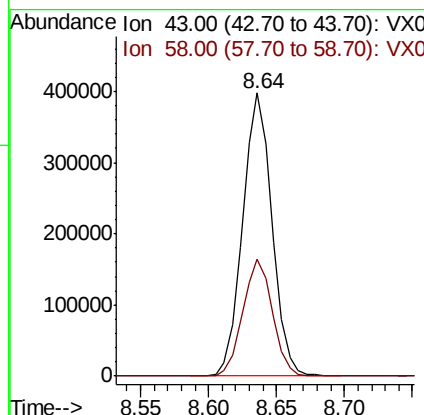
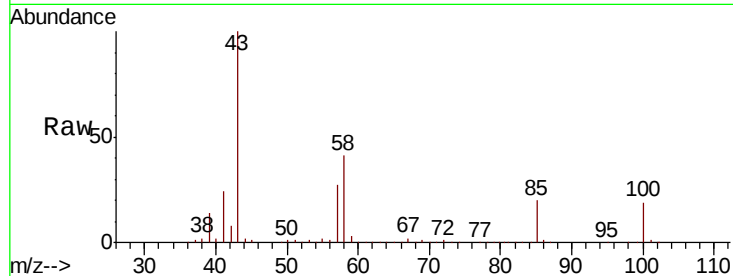
#51
4-Methyl-2-Pentanone
Concen: 264.465 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.6	32.4	48.6

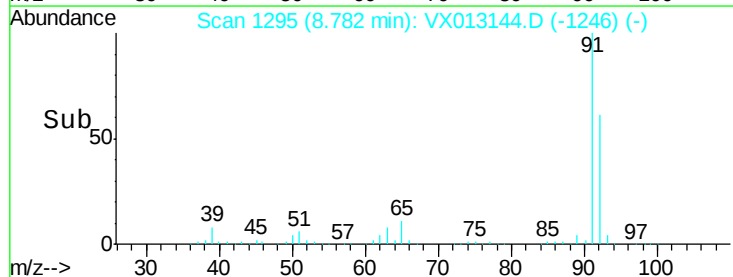
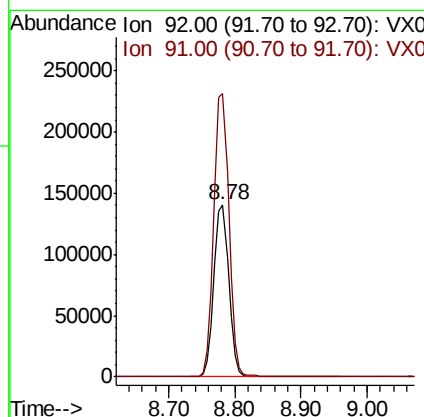
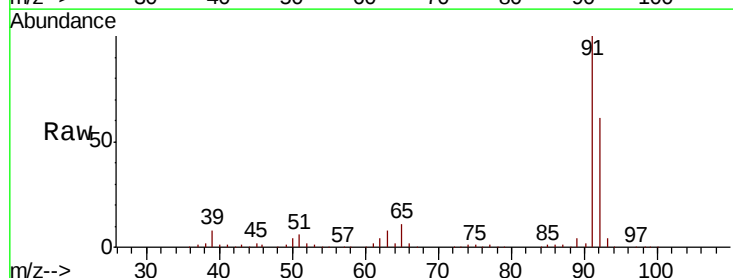
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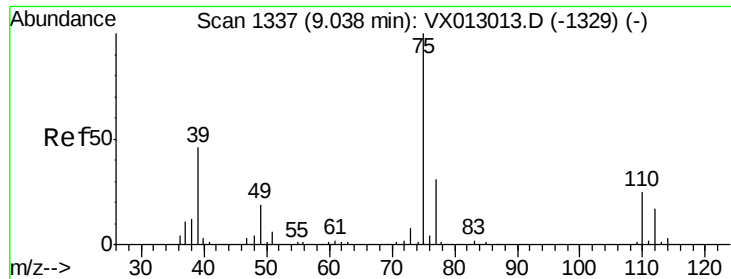
MMDadoda
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#52
Toluene
Concen: 57.793 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.5	135.9	203.9





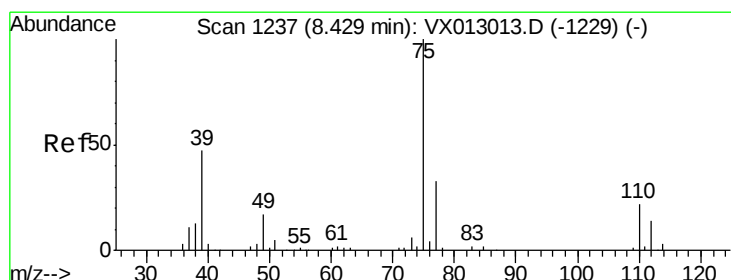
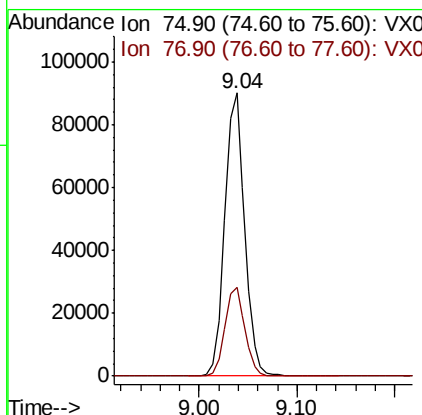
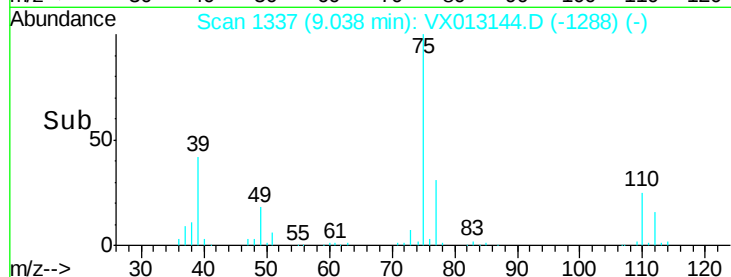
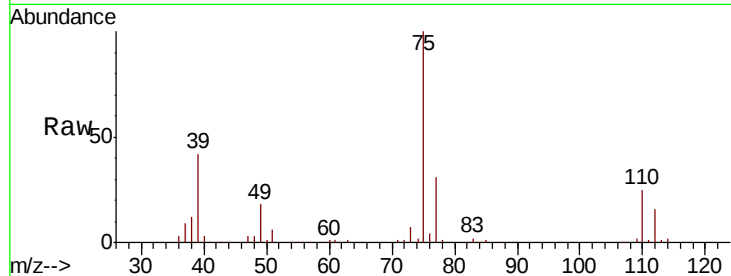
#53
t-1,3-Dichloropropene
Concen: 51.266 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion: 75 Resp: 126726
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6

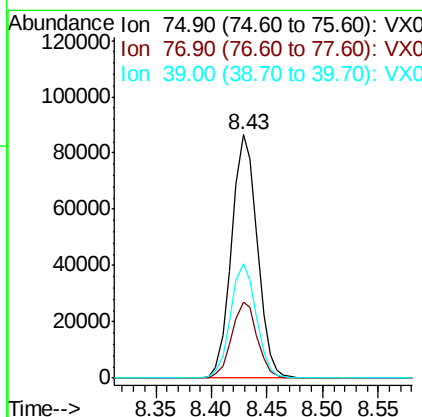
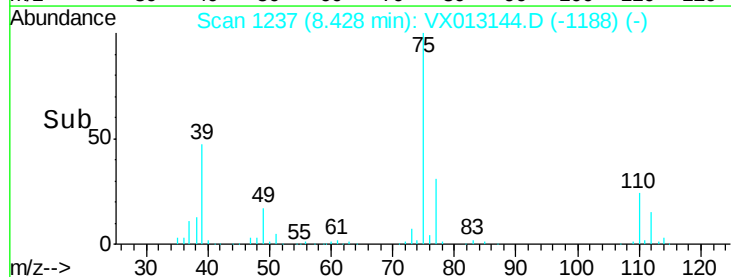
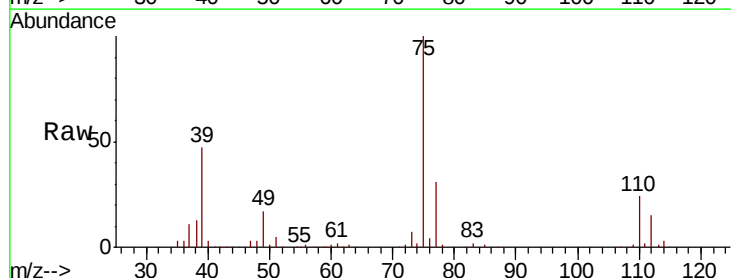
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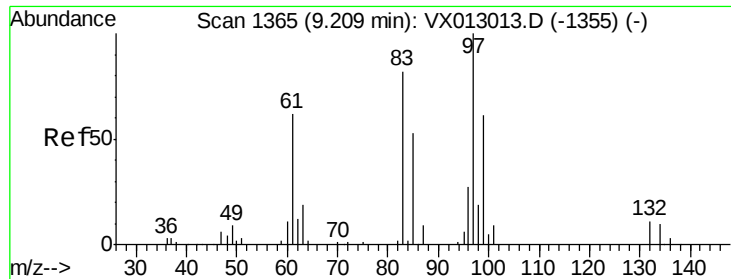
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 57.061 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 75 Resp: 138856
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 46.9 38.2 57.2





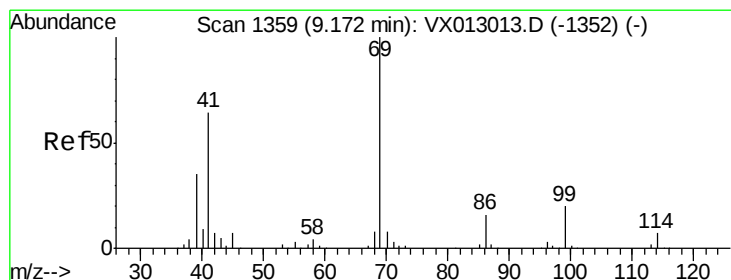
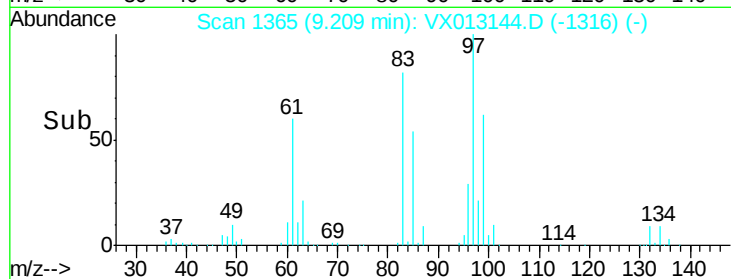
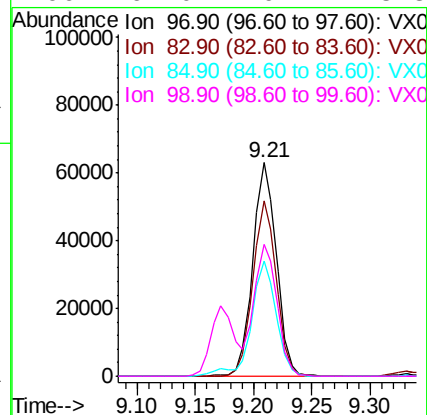
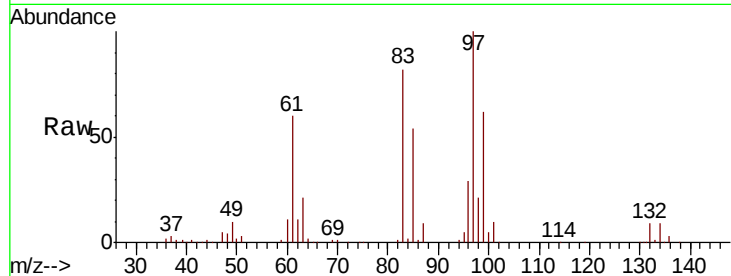
#55
1,1,2-Trichloroethane
Concen: 59.235 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion:	97	Resp:	89542
Ion Ratio	Lower	Upper	
97	100		
83	82.2	66.5	99.7
85	53.7	43.1	64.7
99	62.0	49.2	73.8

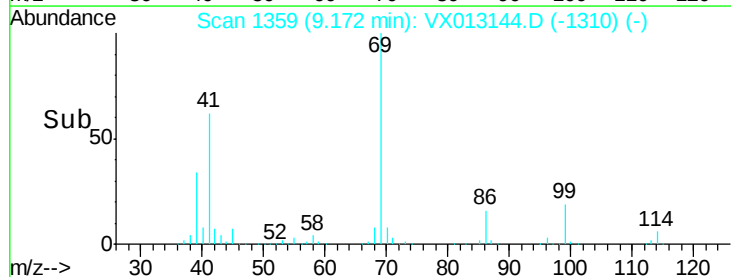
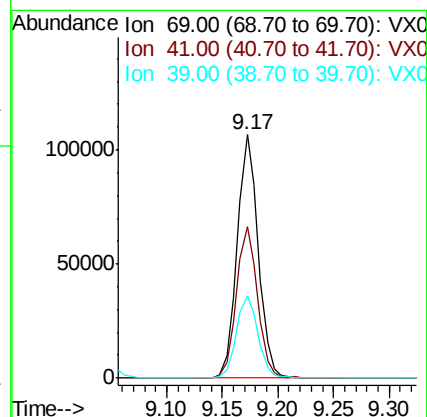
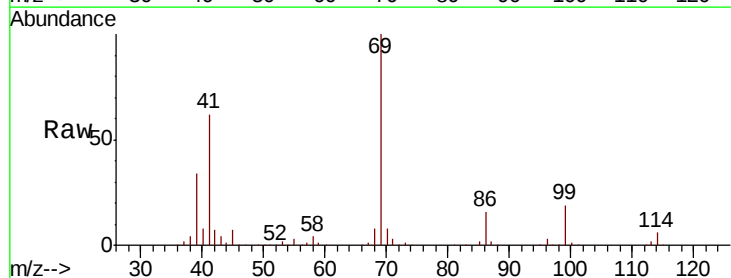
Manual Integrations
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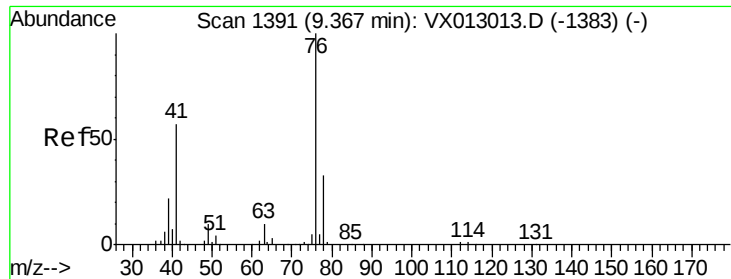
MMDadoda
10/21/2019 11:03:05 AM



#56
Ethyl methacrylate
Concen: 51.512 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:	69	Resp:	139594
Ion Ratio	Lower	Upper	
69	100		
41	63.1	52.1	78.1
39	34.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 56.818 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 76 Resp: 148571

Ion Ratio Lower Upper

76 100

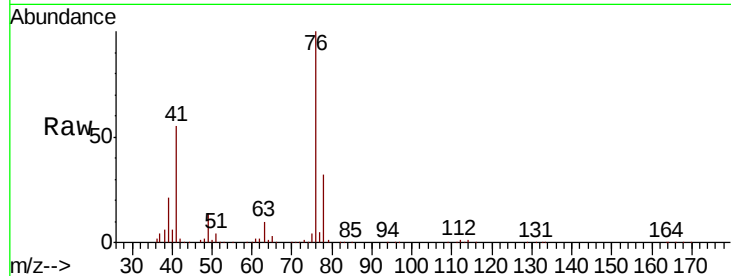
78 32.2 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

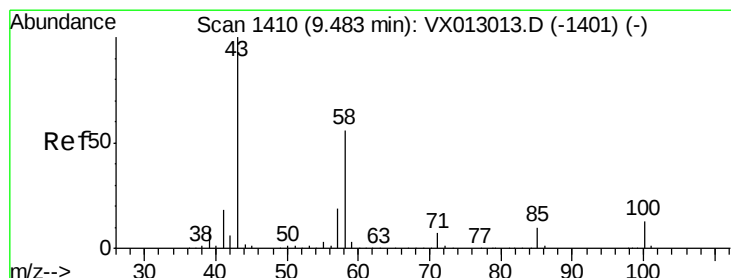
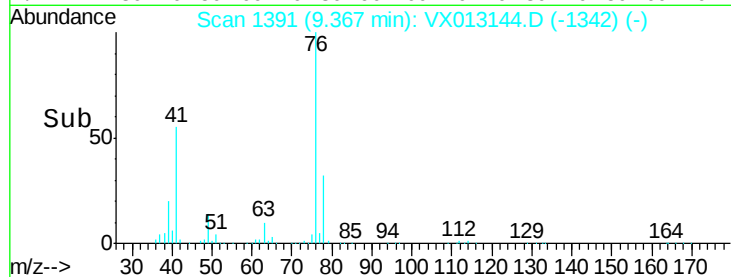
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 263.212 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013144.D

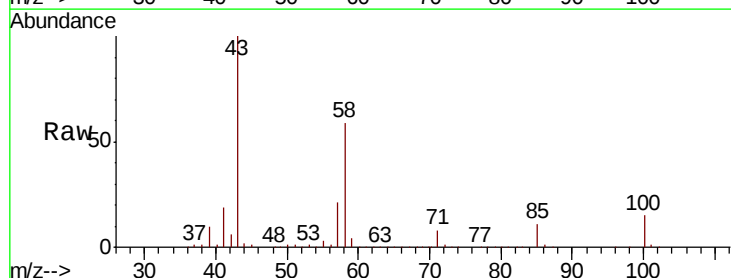
Acq: 18 Oct 2019 21:47

Tgt Ion: 43 Resp: 463483

Ion Ratio Lower Upper

43 100

58 58.0 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

400000

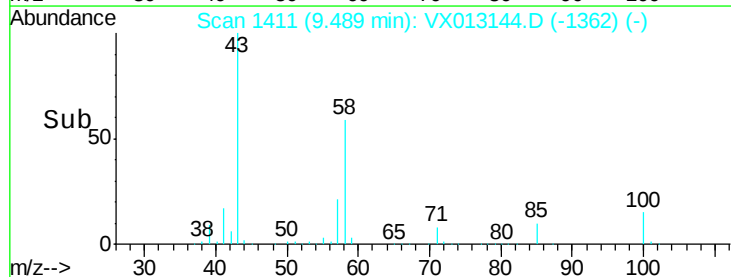
300000

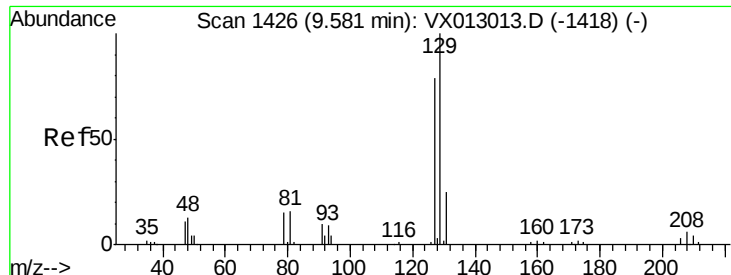
200000

100000

0

Time-->





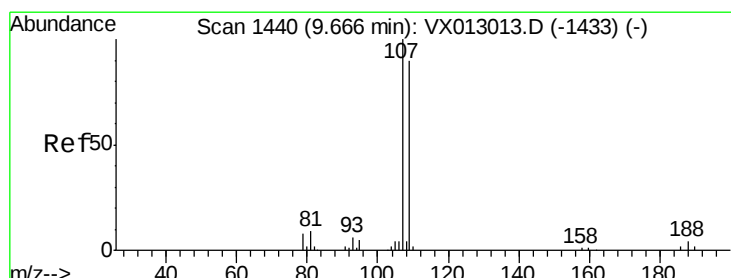
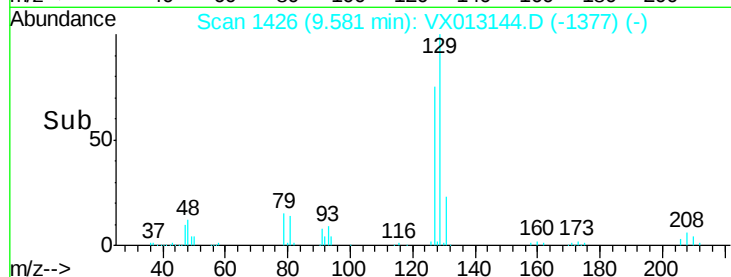
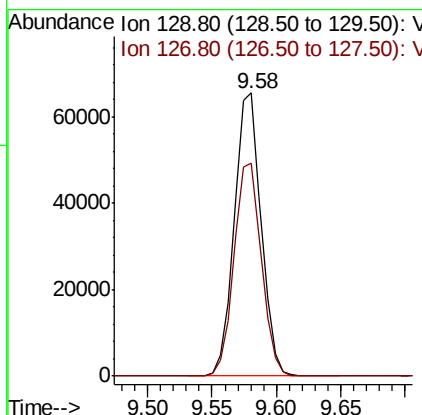
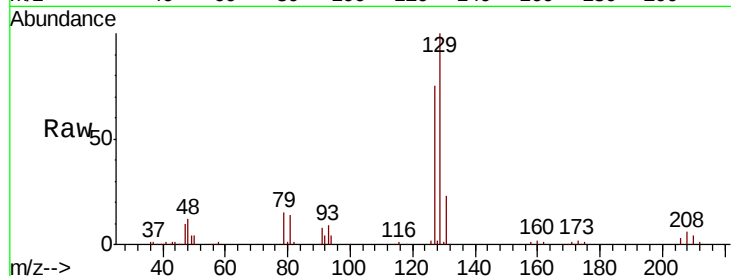
#60
Dibromochloromethane
Concen: 56.269 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion:129 Resp: 95063
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7

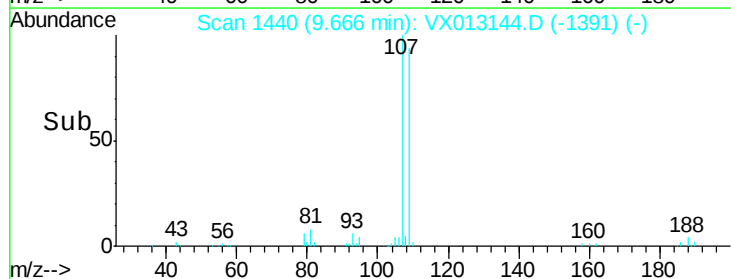
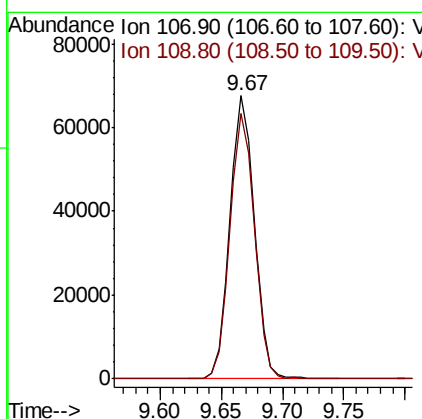
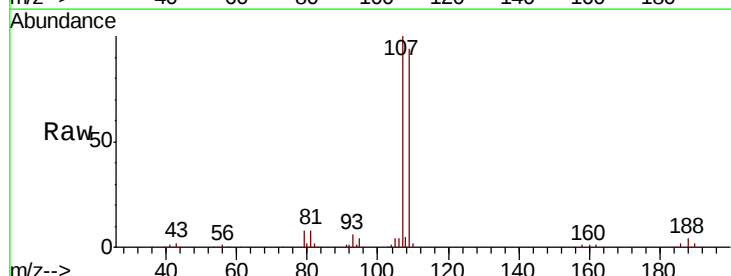
Manual Integrations
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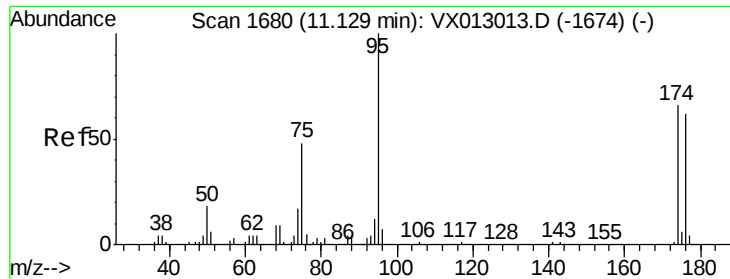
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#61
1,2-Dibromoethane
Concen: 58.612 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:107 Resp: 93204
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.6





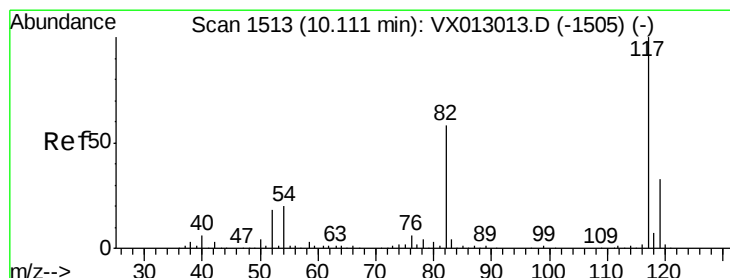
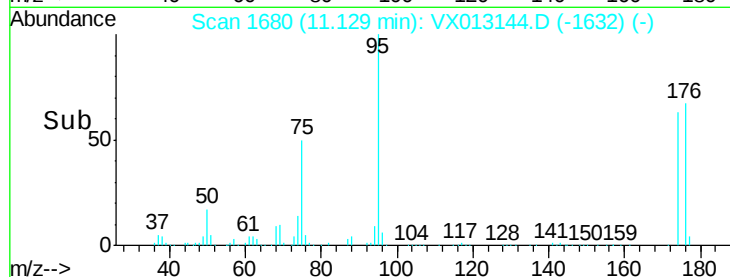
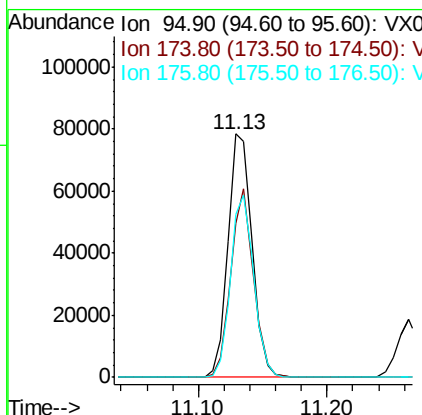
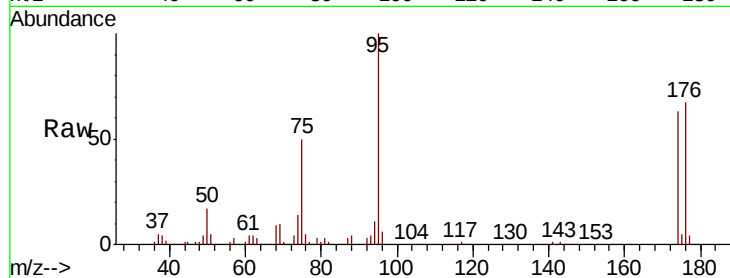
#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	103196		
174	72.6	0.0	143.4	
176	72.4	0.0	136.0	

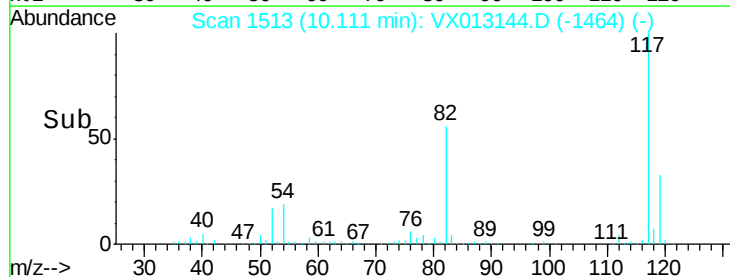
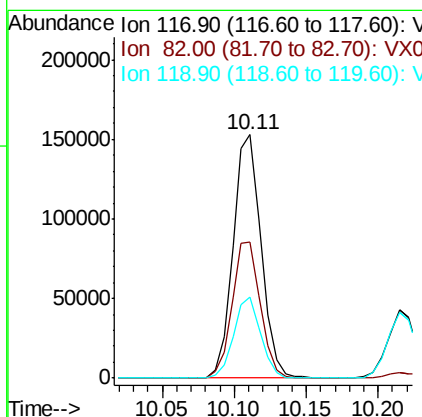
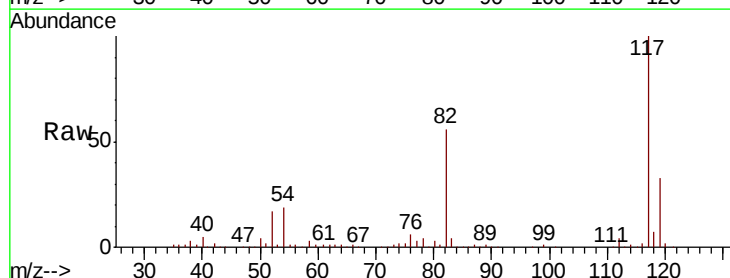
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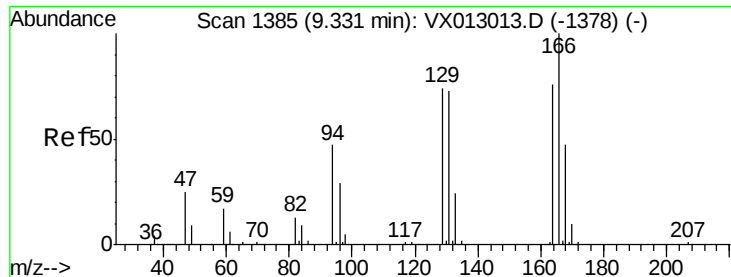
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	208053		
82	56.0	44.1	66.1	
119	33.2	25.8	38.8	





#64

Tetrachloroethene

Concen: 67.712 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion:164 Resp: 97712

Ion Ratio Lower Upper

164 100

166 127.9 96.9 145.3

129 93.1 77.9 116.9

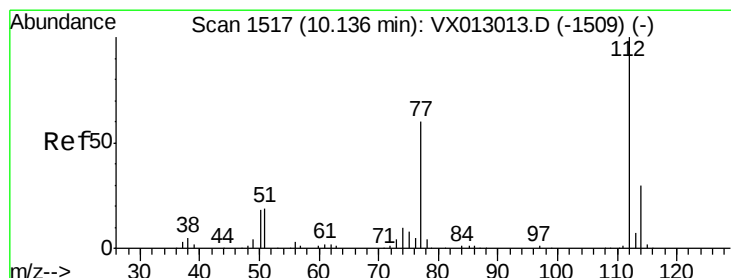
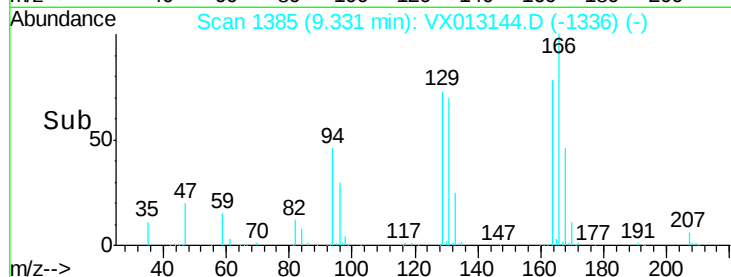
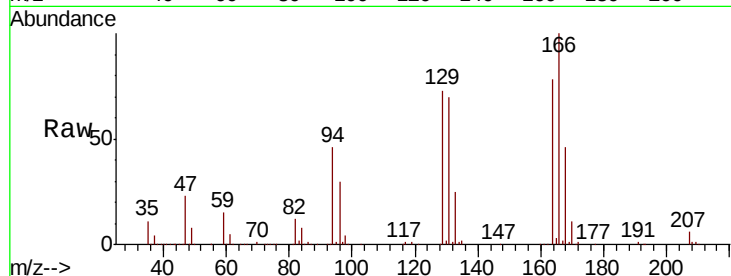
131 89.6 72.7 109.1

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#65

Chlorobenzene

Concen: 55.712 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013144.D

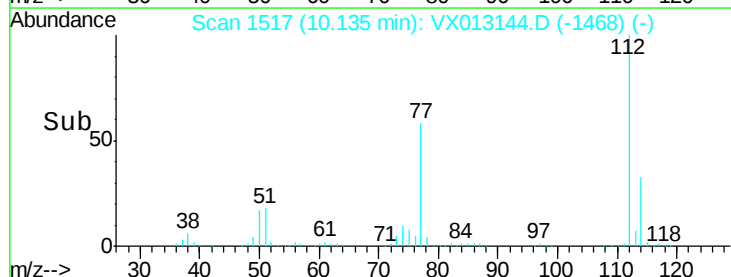
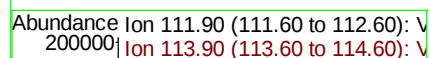
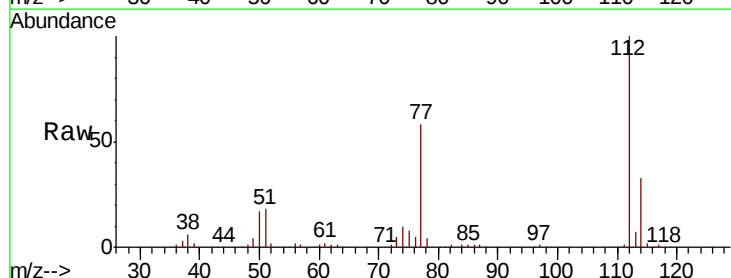
Acq: 18 Oct 2019 21:47

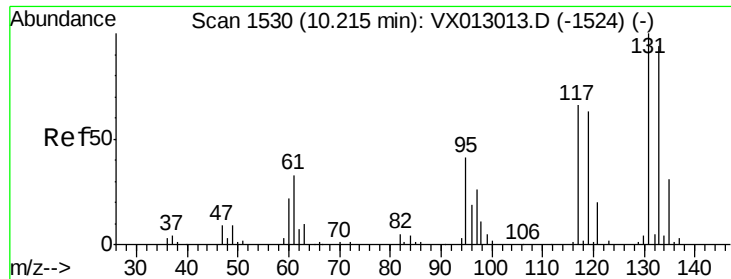
Tgt Ion:112 Resp: 230180

Ion Ratio Lower Upper

112 100

114 32.8 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 60.641 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion:131 Resp: 86869

Ion Ratio Lower Upper

131 100

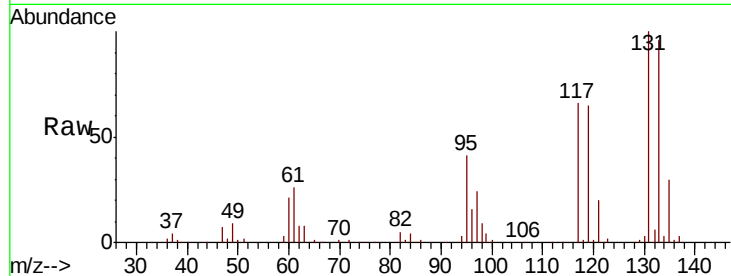
133 95.6 47.2 141.6

119 64.7 32.6 98.0

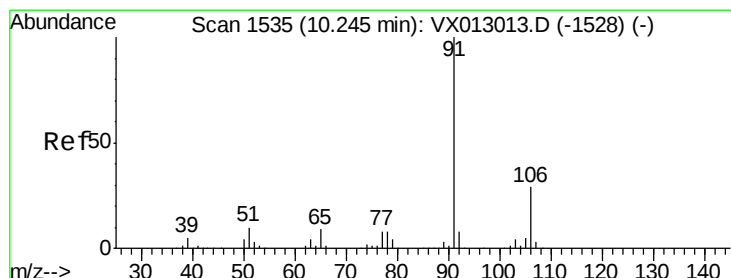
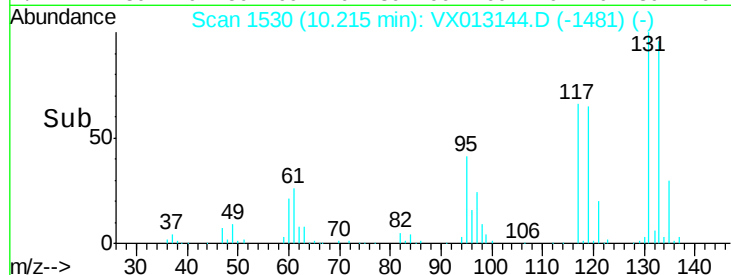
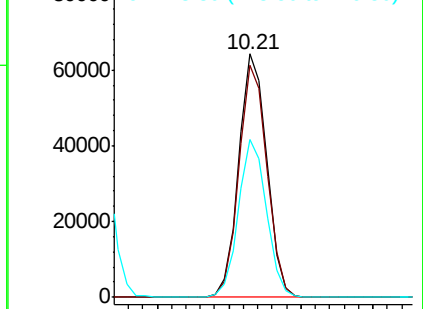
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 56.957 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013144.D

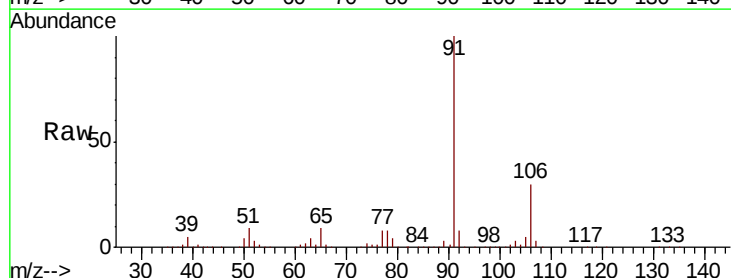
Acq: 18 Oct 2019 21:47

Tgt Ion: 91 Resp: 418000

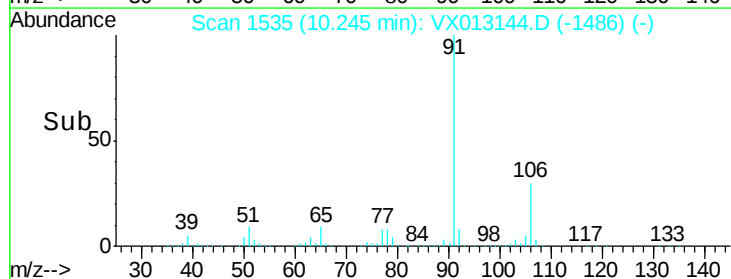
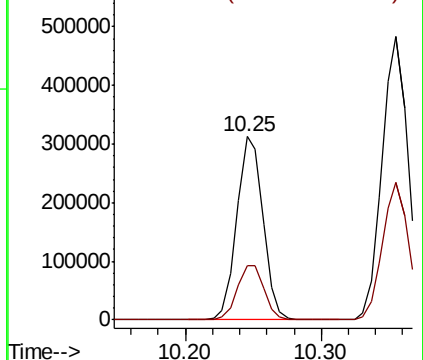
Ion Ratio Lower Upper

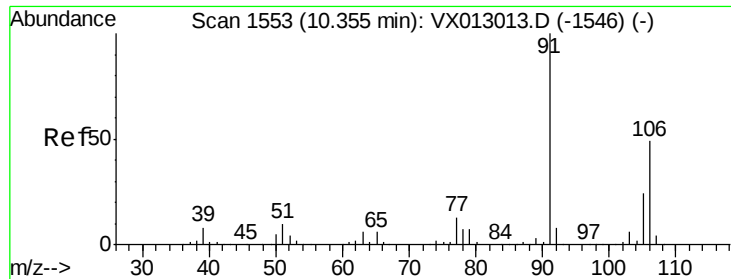
91 100

106 29.8 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





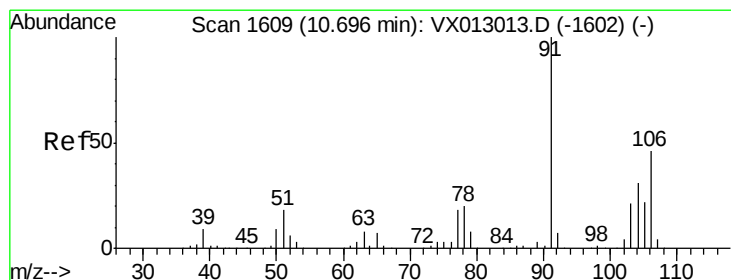
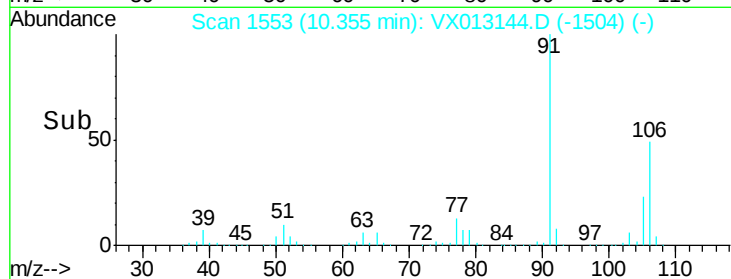
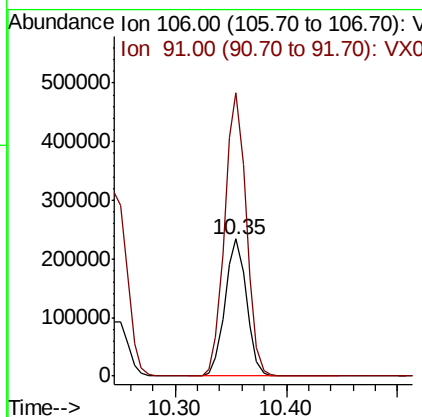
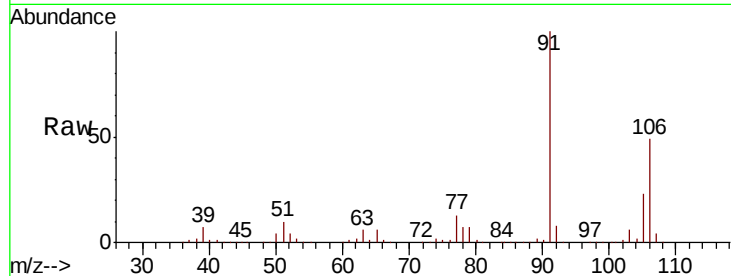
#68
m/p-Xylenes
Concen: 114.555 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion:106 Resp: 314075
Ion Ratio Lower Upper
106 100
91 206.4 165.3 247.9

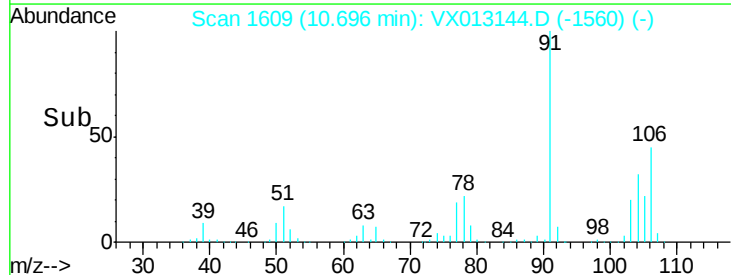
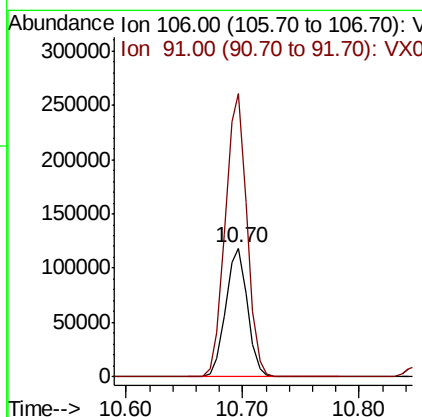
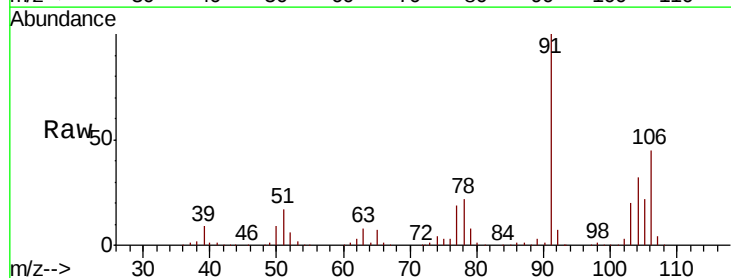
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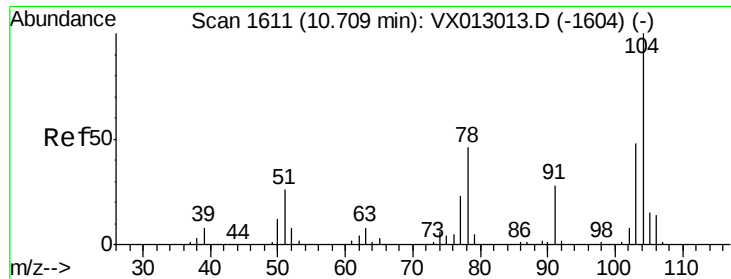
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#69
o-Xylene
Concen: 57.067 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:106 Resp: 152576
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.3





#70

Stvrene

Concen: 58.523 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion:104 Resp: 265999

Ion Ratio Lower Upper

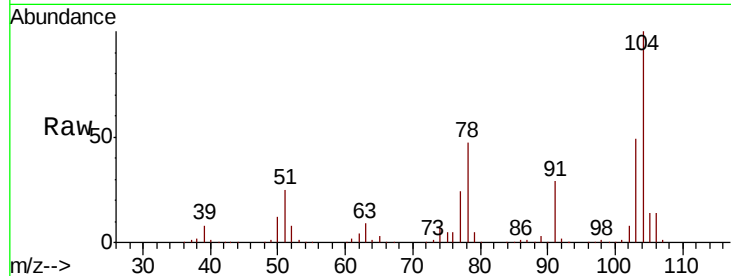
104 100

78 52.9 41.2 61.8

103 53.3 43.0 64.4

Manual Integrations
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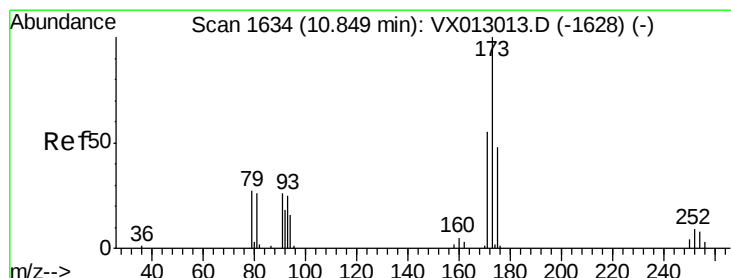
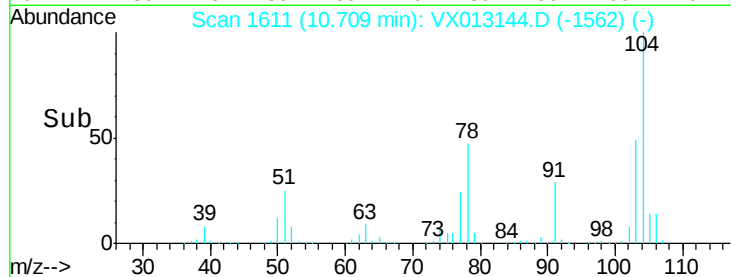
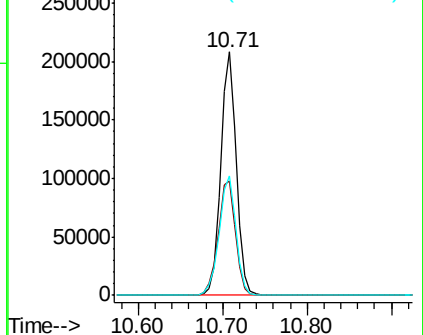
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 53.239 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

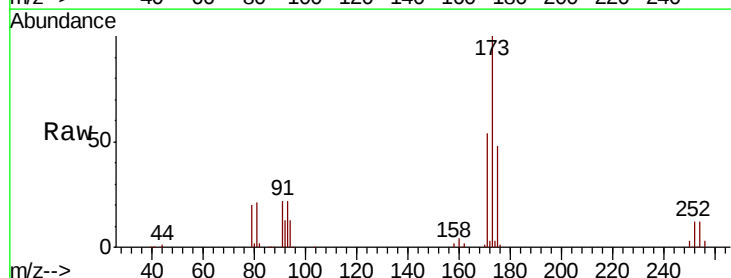
Tgt Ion:173 Resp: 65235

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

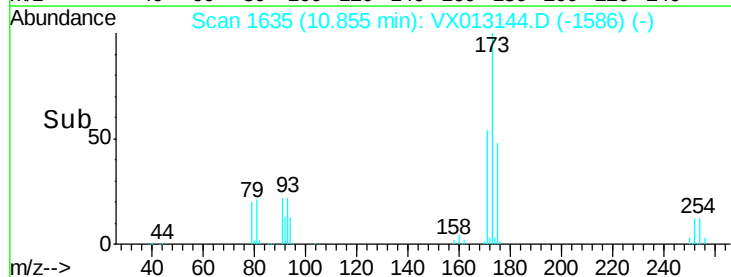
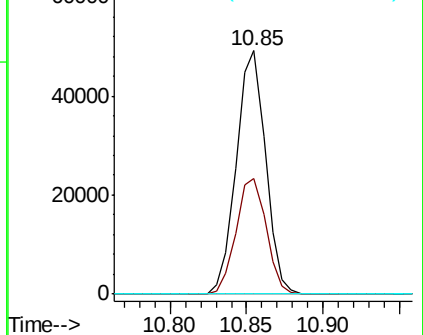
254 0.0 0.1 0.1#

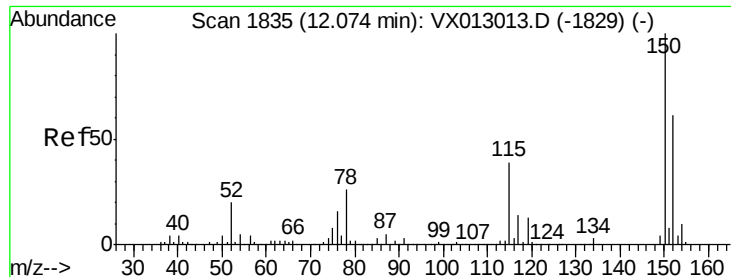


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion:152 Resp: 101975

Ion Ratio Lower Upper

152 100

115 88.6 44.5 133.5

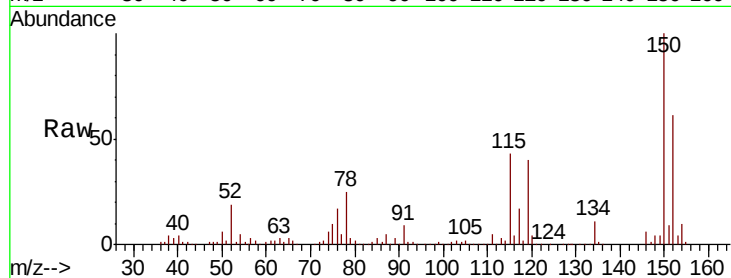
150 170.8 0.0 353.4

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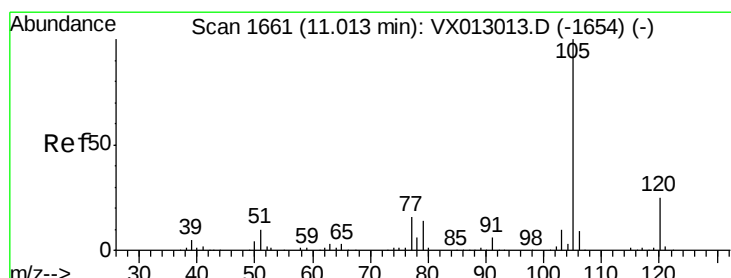
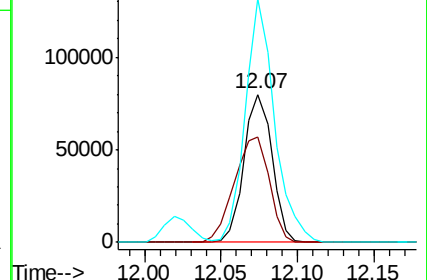
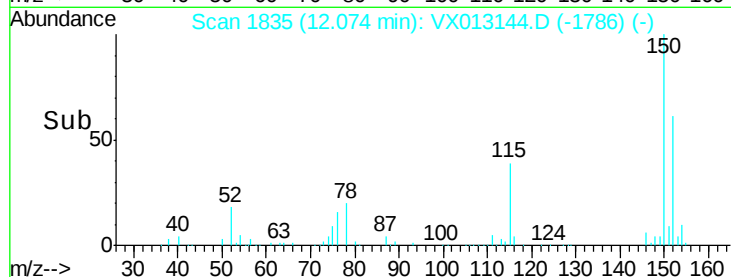
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 53.754 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013144.D

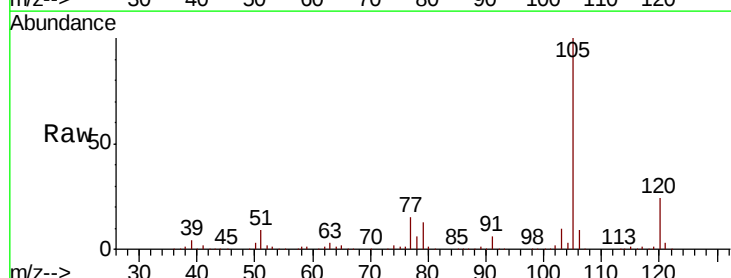
Acq: 18 Oct 2019 21:47

Tgt Ion:105 Resp: 403014

Ion Ratio Lower Upper

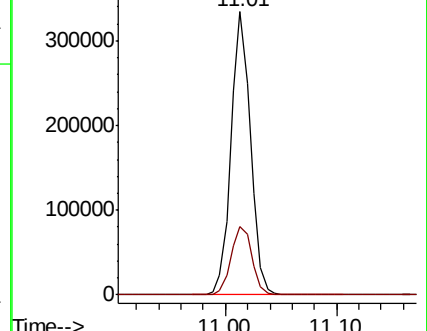
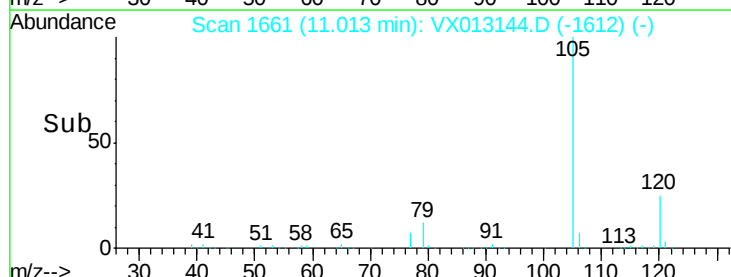
105 100

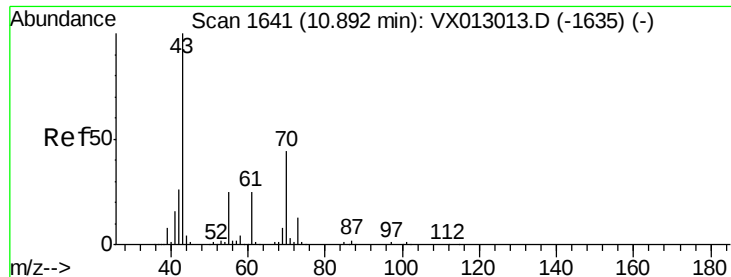
120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.190 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

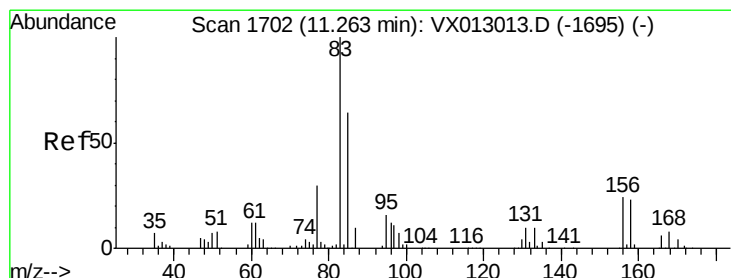
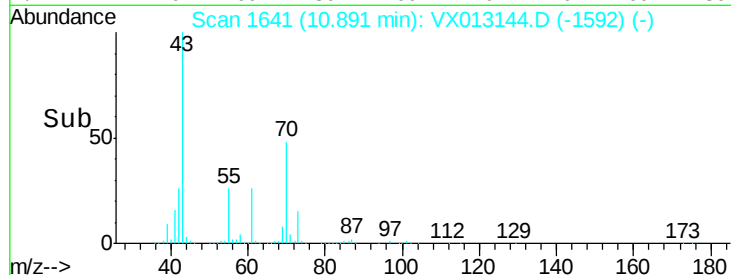
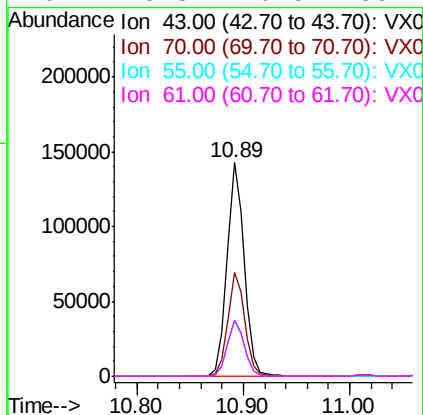
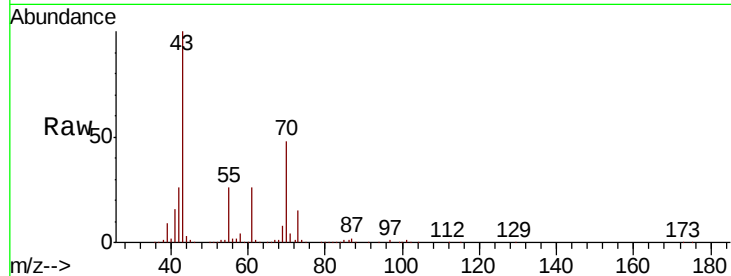
ClientSampleId :

MW-309-SRI4MS

Tot Ion	43	Resp	162062
Ion Ratio	Lower	Upper	
43	100		
70	47.8	36.4	54.6
55	25.9	20.2	30.2
61	26.3	20.5	30.7

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#75

1,1,2,2-Tetrachloroethane

Concen: 54.970 ug/l

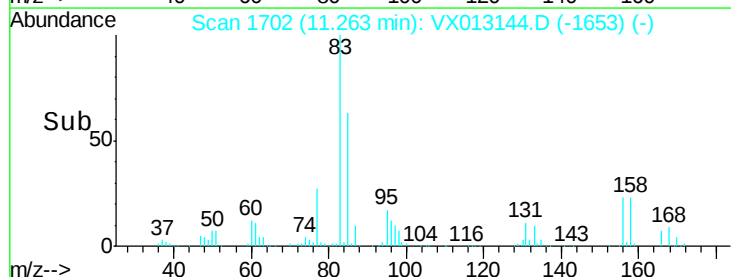
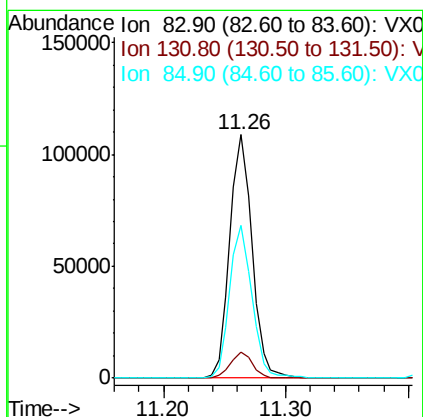
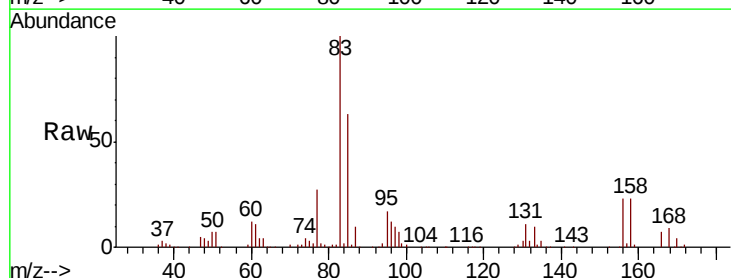
RT: 11.26 min Scan# 1702

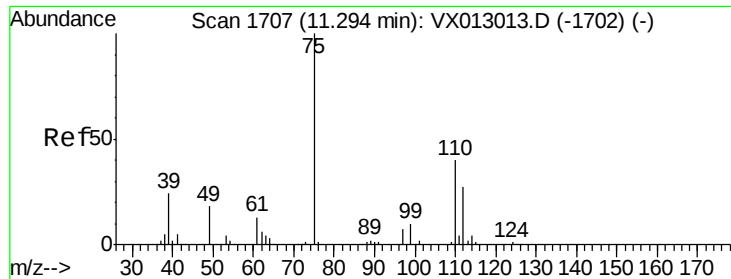
Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion	83	Resp	137075
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	62.9	32.1	96.5





#76

1,2,3-Trichloropropane

Concen: 54.603 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 75 Resp: 123500

Ion Ratio Lower Upper

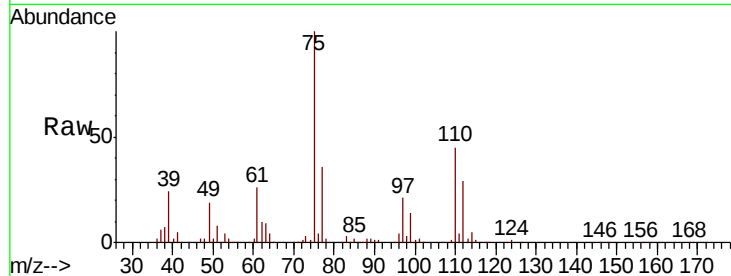
75 100

77 37.8 22.9 68.8

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

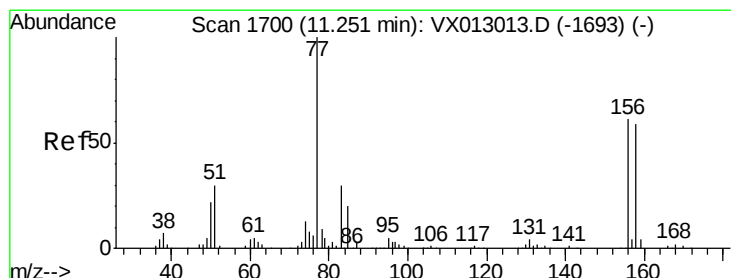
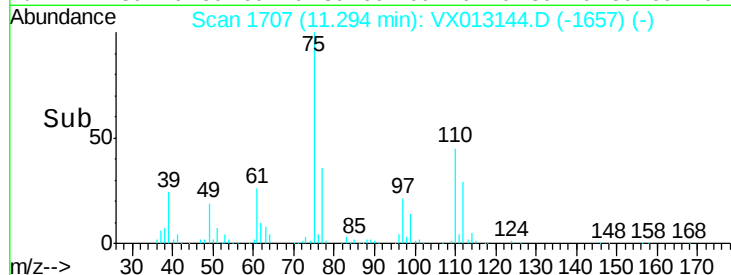
100000

50000

0

11.26 11.28 11.30

Time-->



#77

Bromobenzene

Concen: 52.810 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

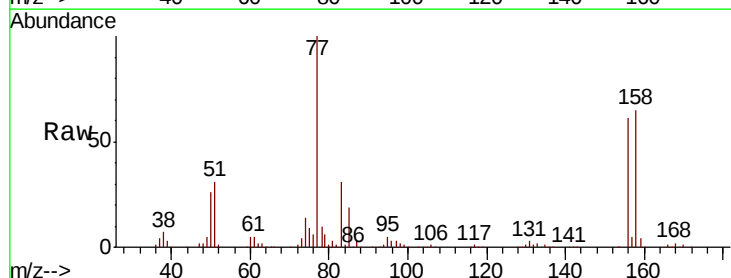
Tgt Ion: 156 Resp: 93302

Ion Ratio Lower Upper

156 100

77 171.3 83.7 251.0

158 103.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

150000

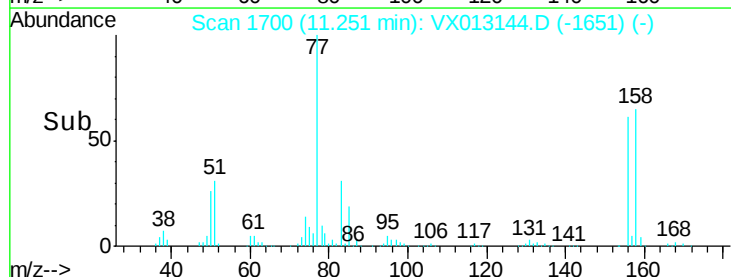
100000

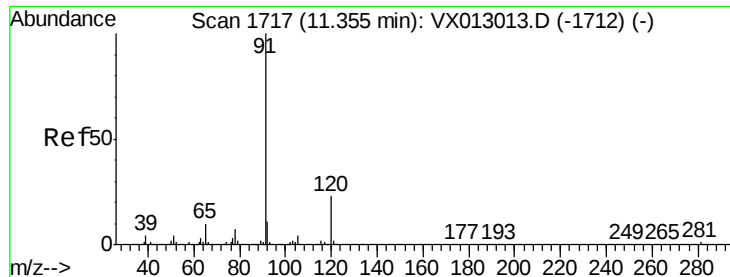
50000

0

11.20 11.25 11.30 11.35

Time-->





#78

n-propylbenzene

Concen: 53.405 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 91 Resp: 440583

Ion Ratio Lower Upper

91 100

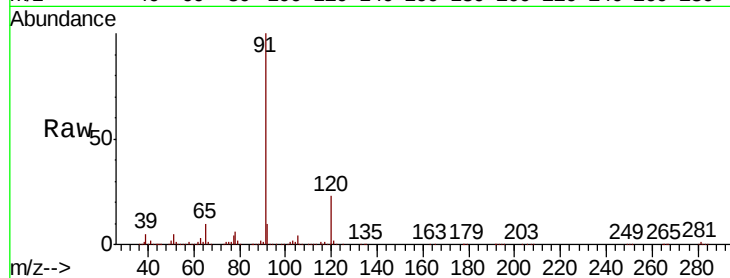
120 23.2 11.7 35.1

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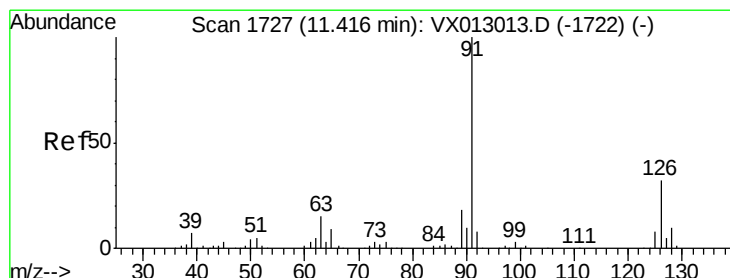
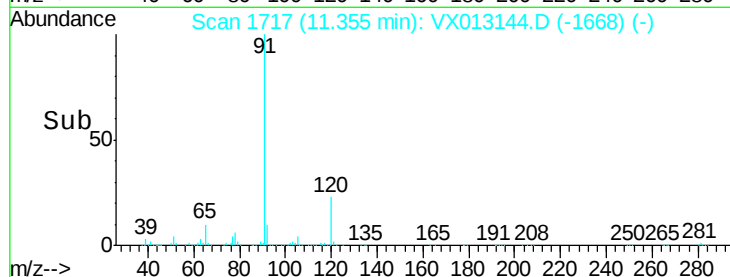
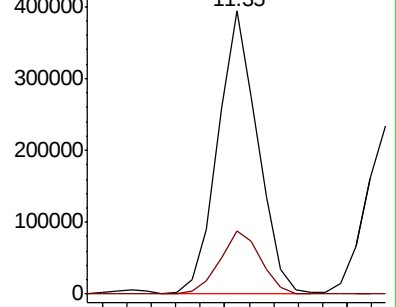
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 53.486 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013144.D

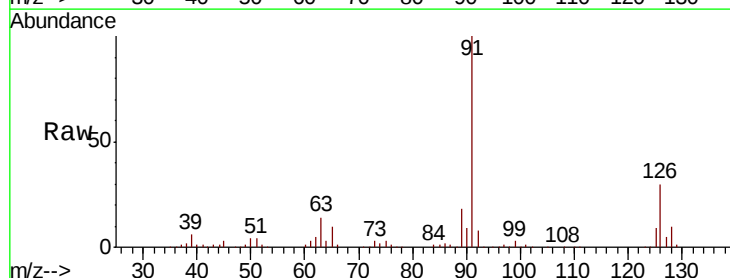
Acq: 18 Oct 2019 21:47

Tgt Ion: 91 Resp: 277314

Ion Ratio Lower Upper

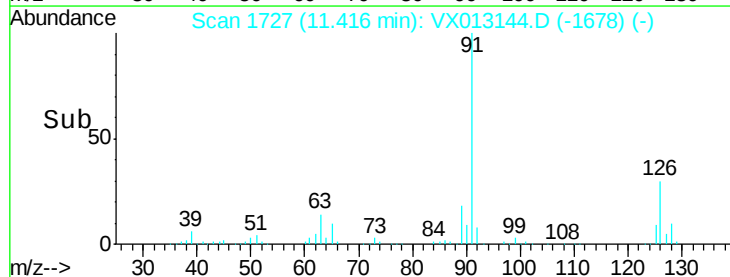
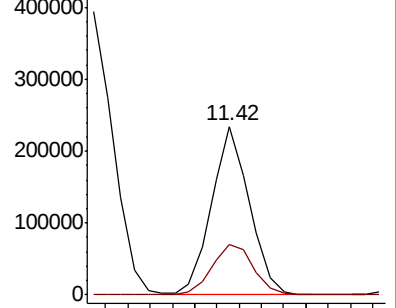
91 100

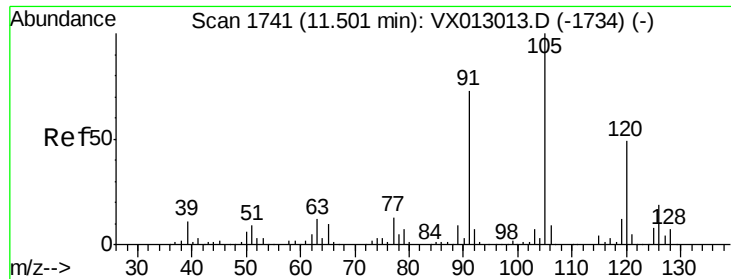
126 32.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





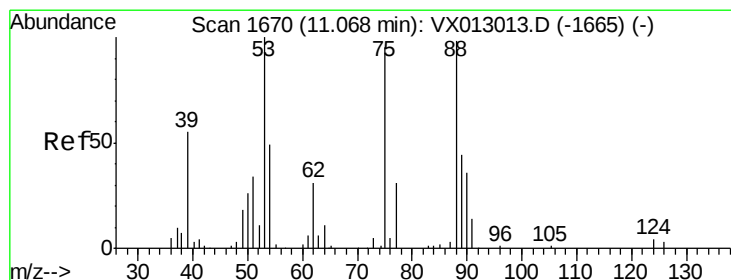
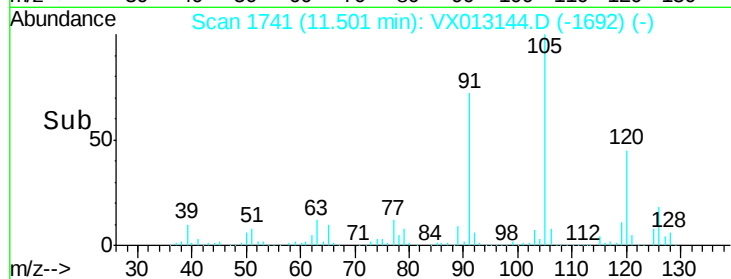
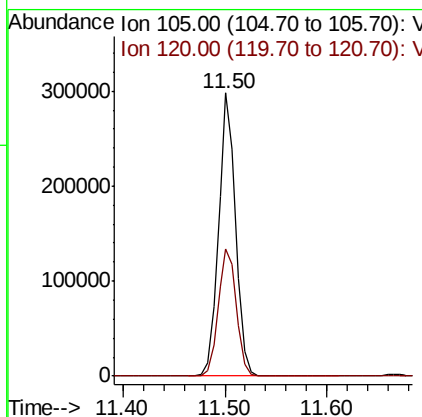
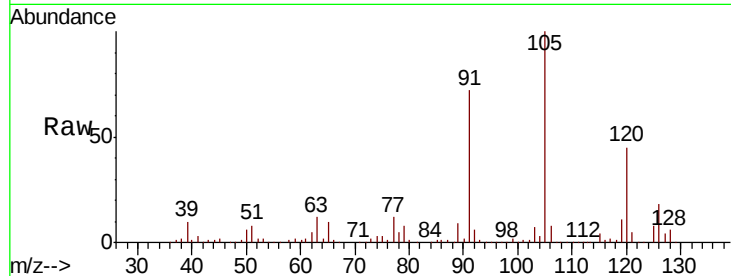
#80
 1,3,5-Trimethylbenzene
 Concen: 55.627 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.8	74.3

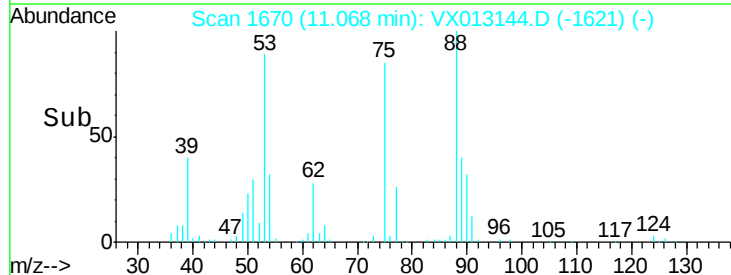
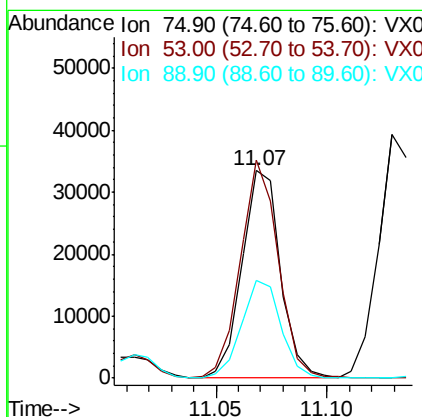
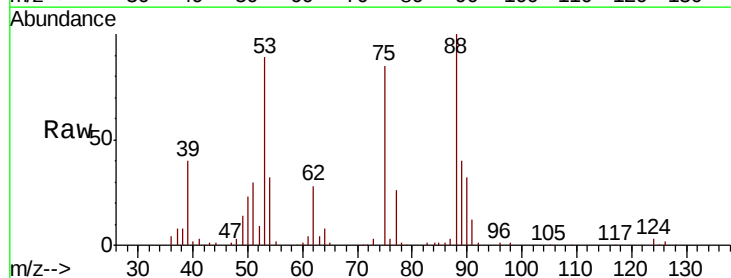
Manual Integrations
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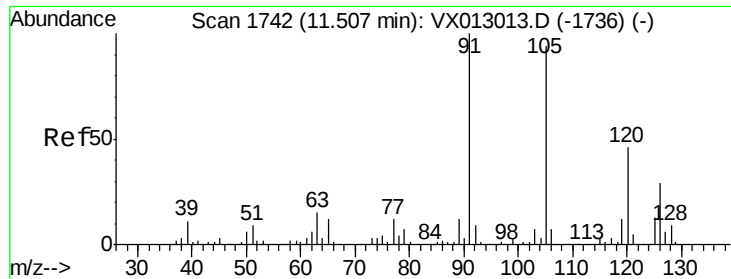
MMDadoda
 10/21/2019 11:03:05 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.348 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.3	78.5	117.7
89	48.2	37.4	56.2





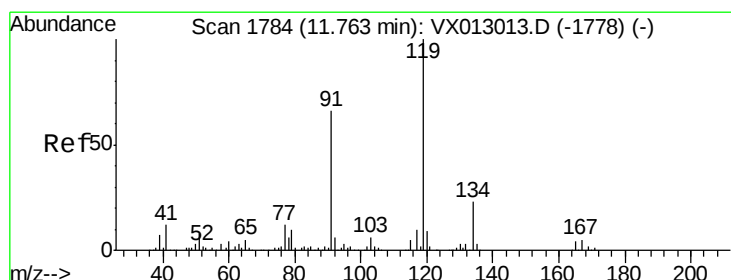
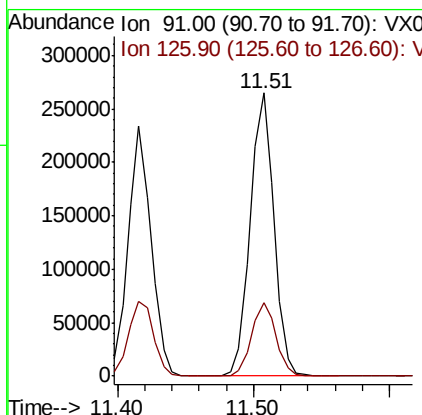
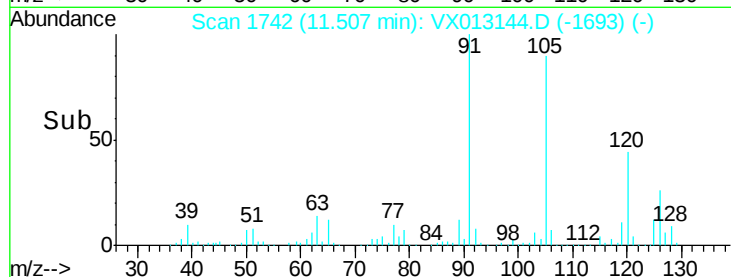
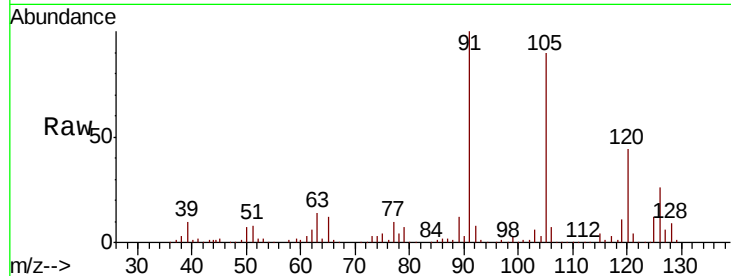
#82
4-Chlorotoluene
Concen: 54.585 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion: 91 Resp: 324387
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6

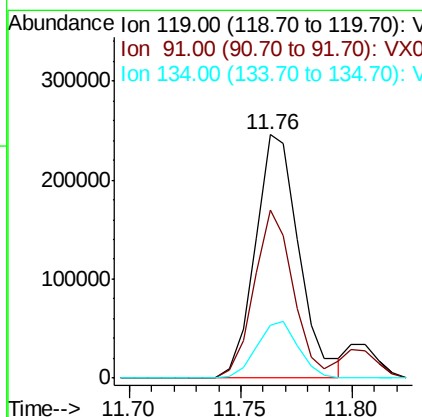
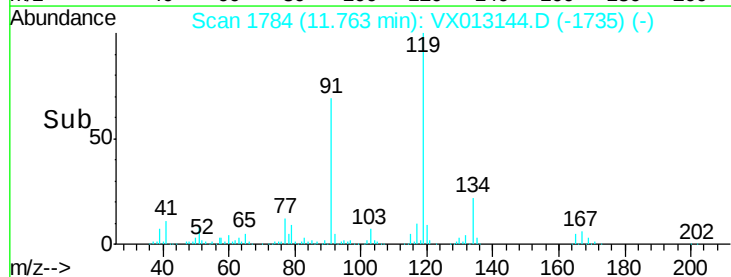
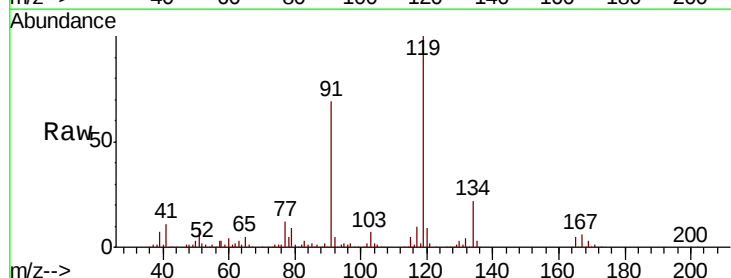
Manual Integrations
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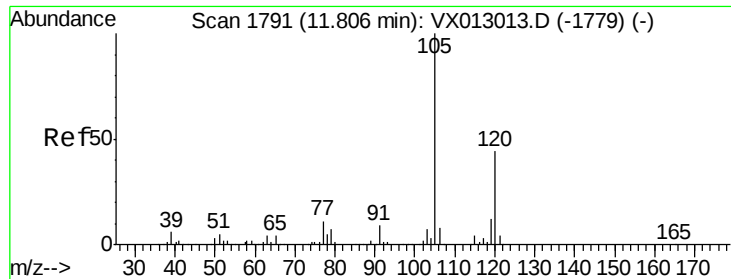
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#83
tert-Butylbenzene
Concen: 54.804 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 119 Resp: 334681
Ion Ratio Lower Upper
119 100
91 62.1 29.3 87.9
134 22.2 11.5 34.4





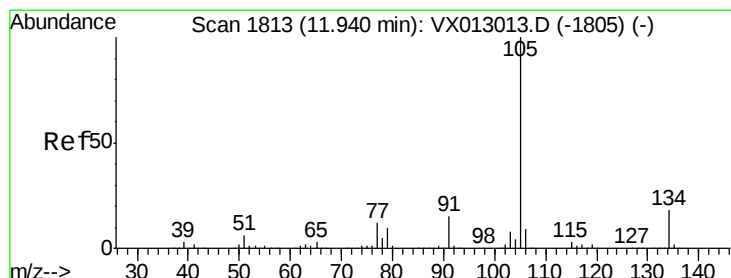
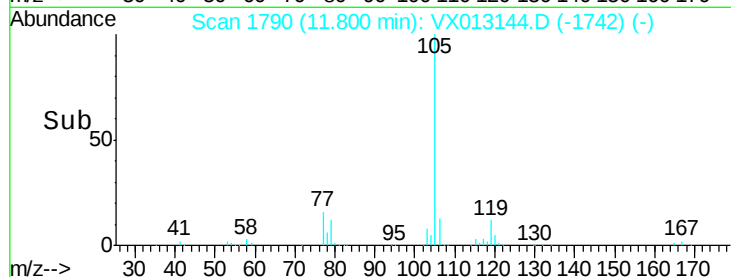
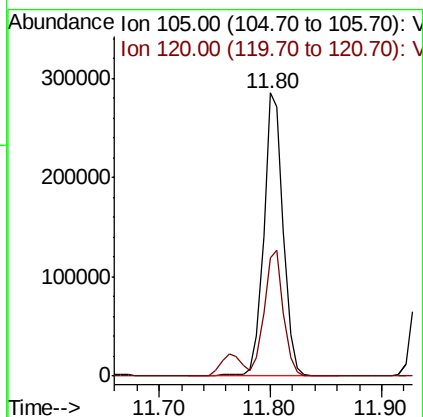
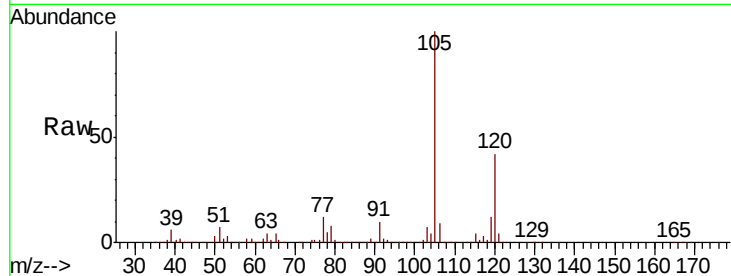
#84
1,2,4-Trimethylbenzene
Concen: 54.783 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion:105 Resp: 347343
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.3

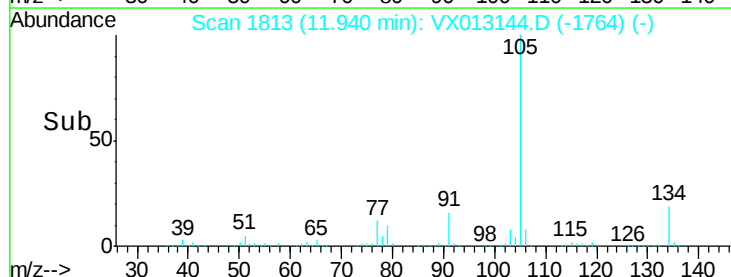
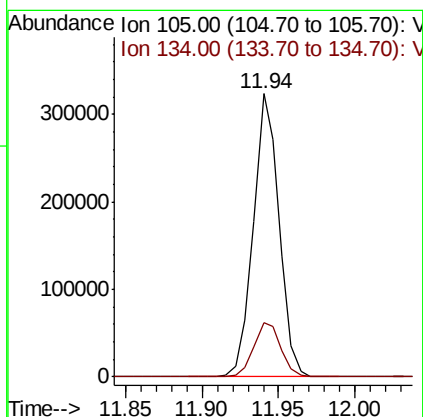
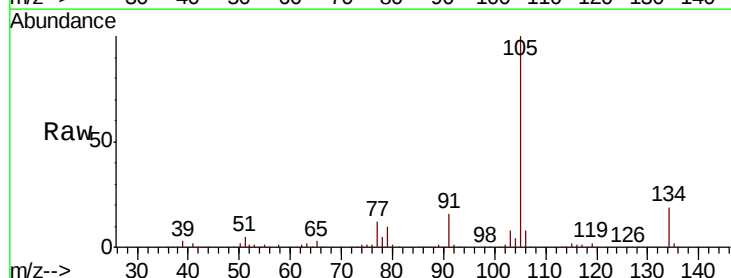
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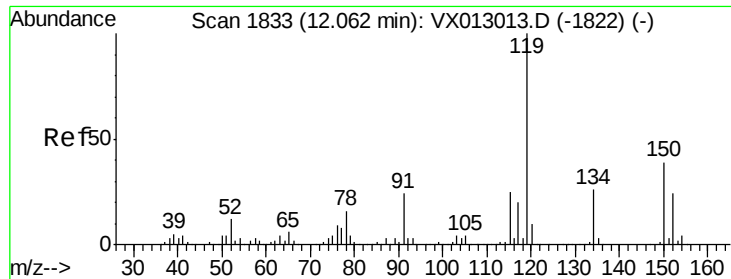
MMDadoda
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#85
sec-Butylbenzene
Concen: 53.452 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:105 Resp: 378182
Ion Ratio Lower Upper
105 100
134 20.2 10.0 30.0





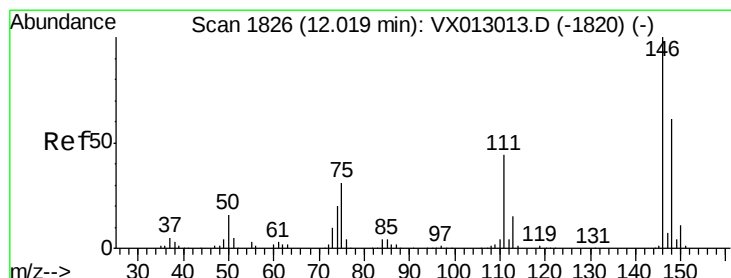
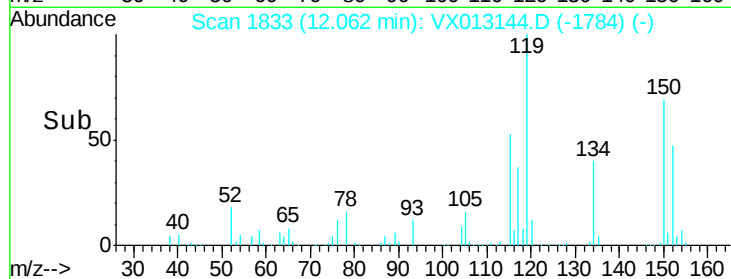
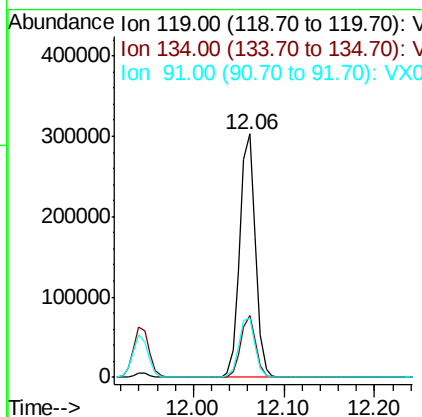
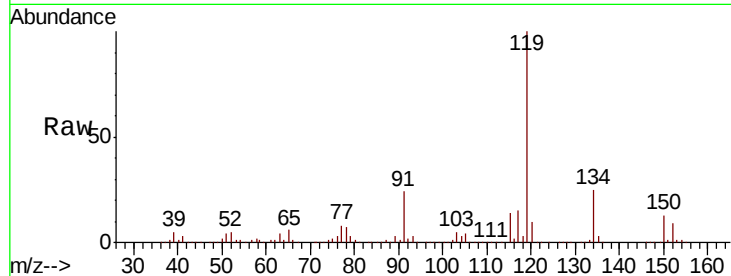
#86
 p-Isopropyltoluene
 Concen: 55.091 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	361498		
134	24.4	12.6	37.8	
91	25.0	12.4	37.4	

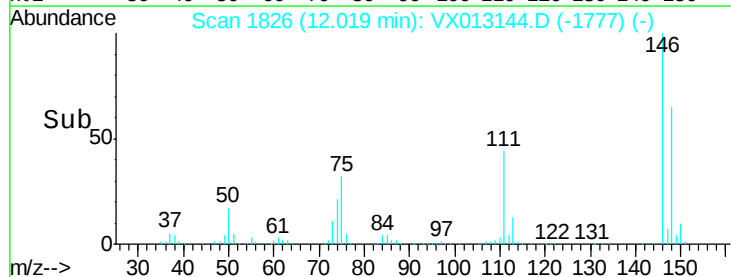
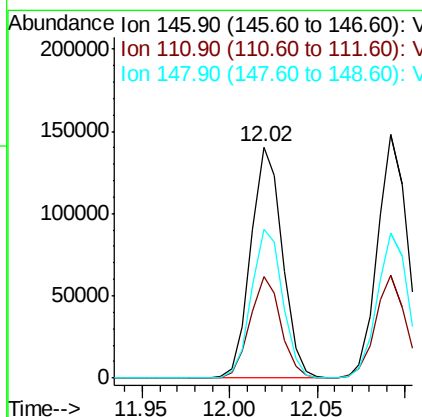
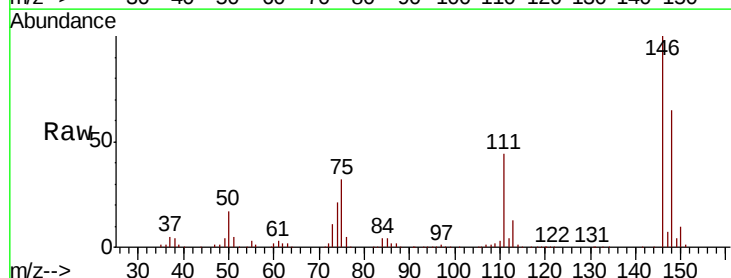
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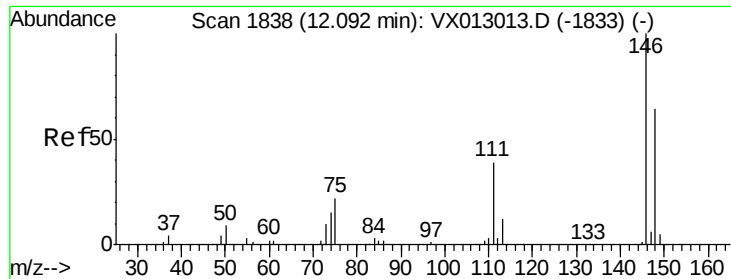
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#87
 1,3-Dichlorobenzene
 Concen: 53.477 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	175451		
111	43.2	21.1	63.4	
148	64.3	31.6	95.0	





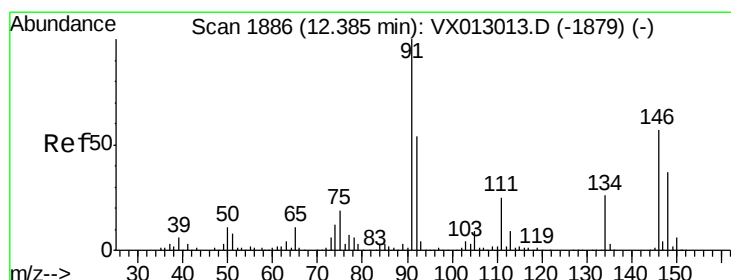
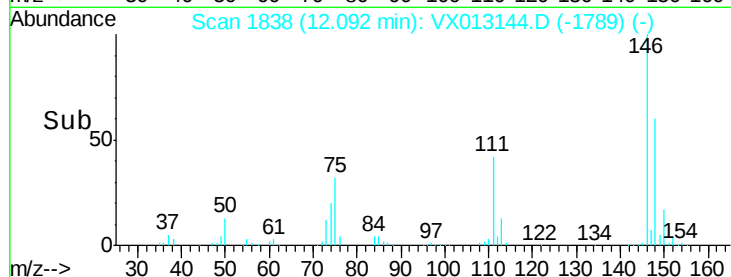
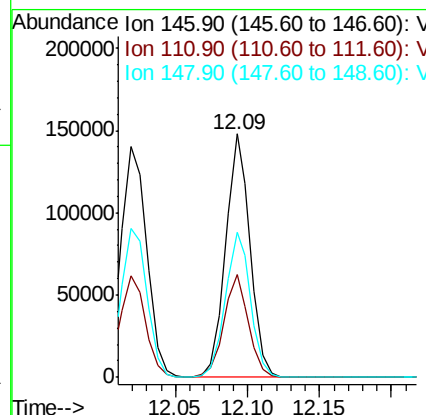
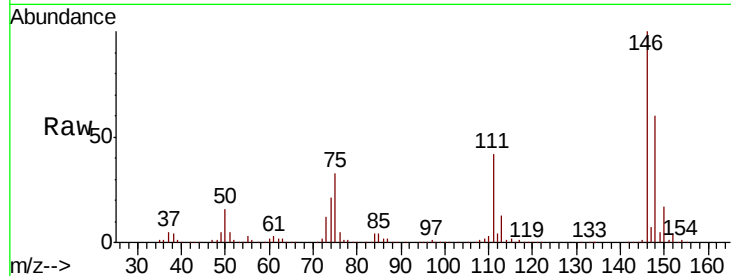
#88
 1,4-Dichlorobenzene
 Concen: 53.026 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	61.7	32.1	96.5

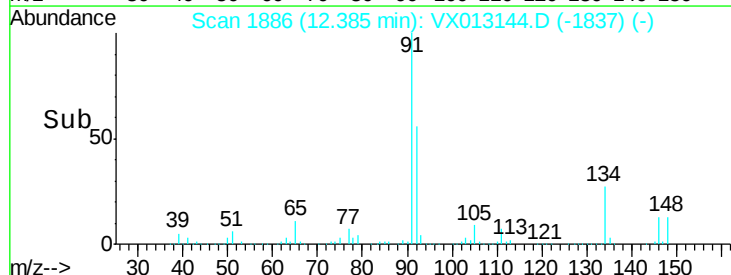
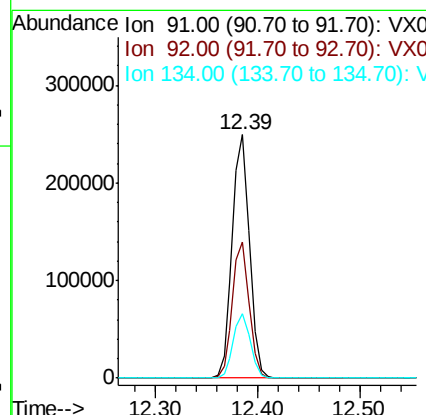
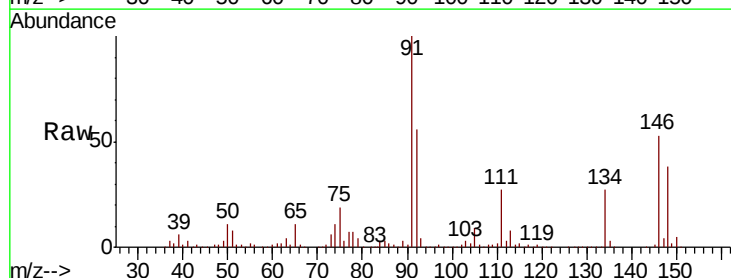
Manual Integrations
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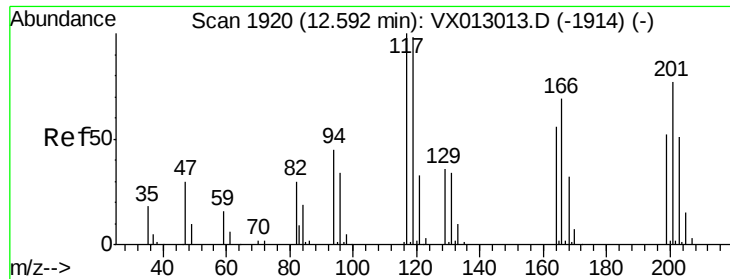
MMDadoda
 10/21/2019 11:03:05 AM



#89
 n-Butylbenzene
 Concen: 52.779 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.5
134	26.3	12.9	38.7





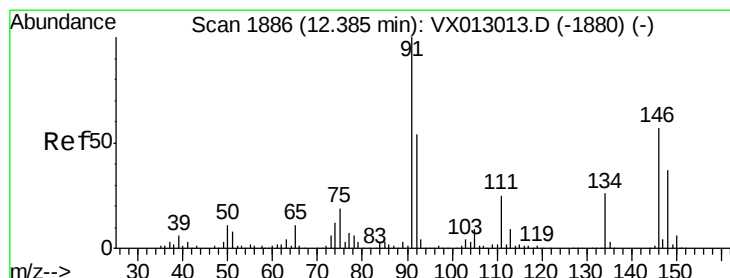
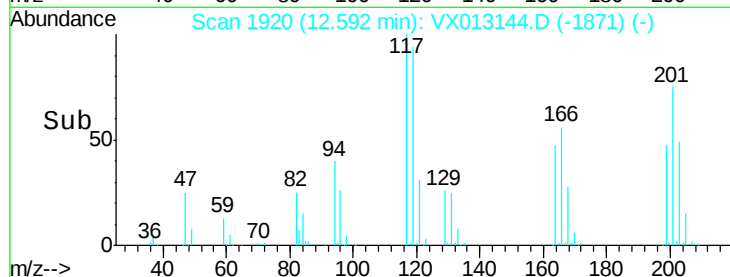
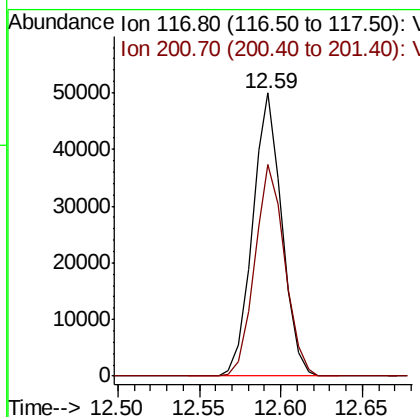
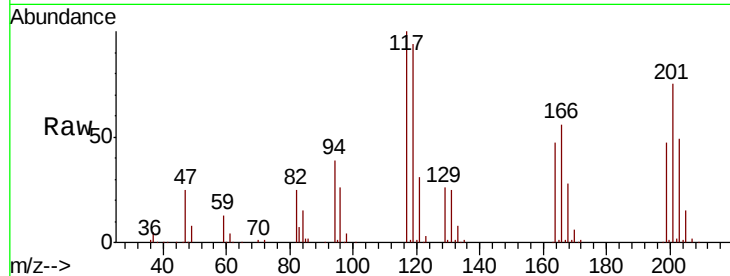
#90
Hexachloroethane
Concen: 51.147 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion:117 Resp: 62222
Ion Ratio Lower Upper
117 100
201 76.8 36.9 110.7

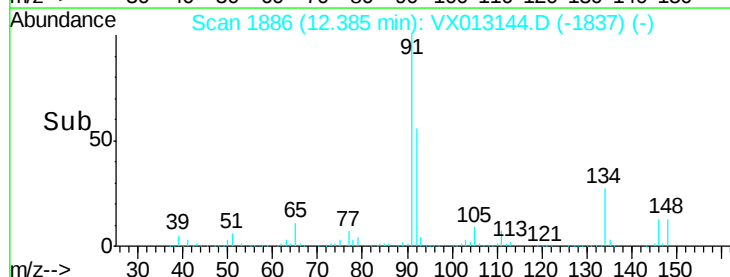
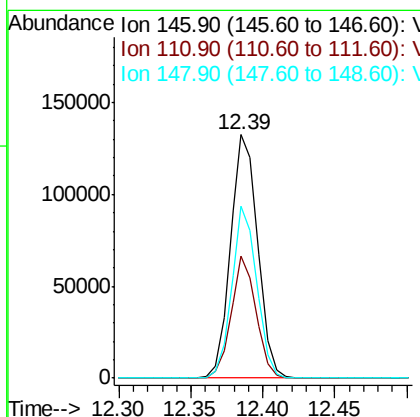
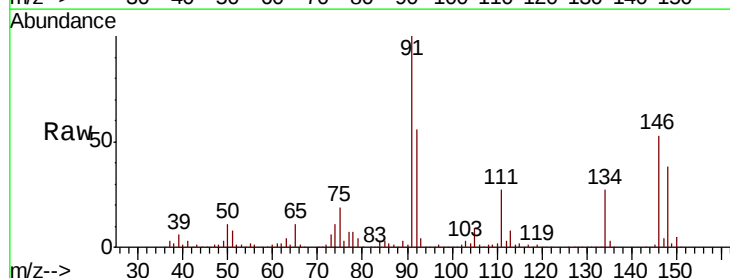
Manual Integrations
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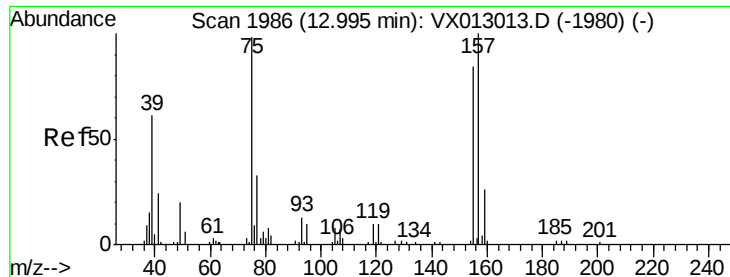
MMDadoda
10/21/2019 11:03:05 AM



#91
1,2-Dichlorobenzene
Concen: 54.309 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:146 Resp: 174681
Ion Ratio Lower Upper
146 100
111 45.8 22.7 68.0
148 65.4 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.852 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 75 Resp: 32059

Ion Ratio Lower Upper

75 100

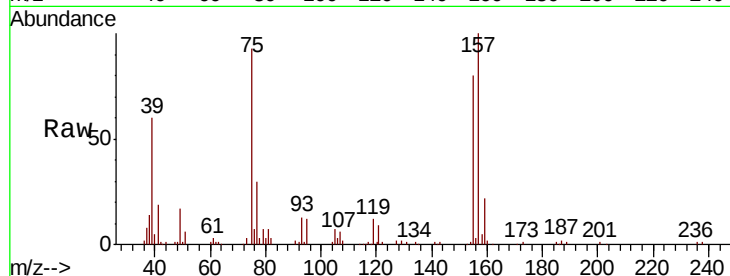
155 85.9 43.0 128.8

157 109.6 54.1 162.3

Manual Integrations
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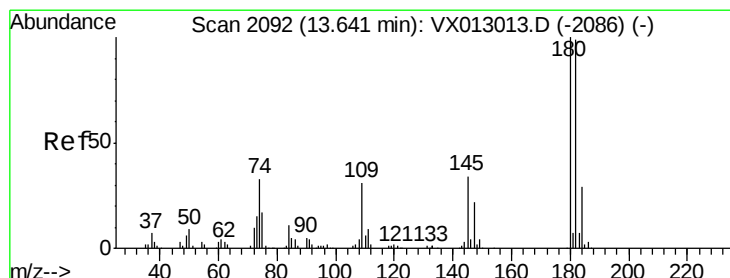
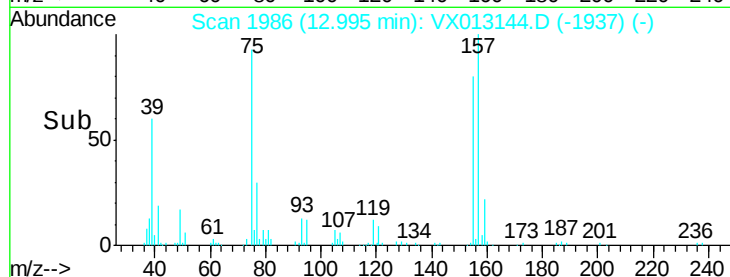
Abundance Ion 74.90 (74.60 to 75.60): VX013013.D (-1980) (-)

Ion 154.80 (154.50 to 155.50): VX013013.D (-1980) (-)

Ion 156.80 (156.50 to 157.50): VX013013.D (-1980) (-)

Time-->

12.99



#93

1,2,4-Trichlorobenzene

Concen: 51.027 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

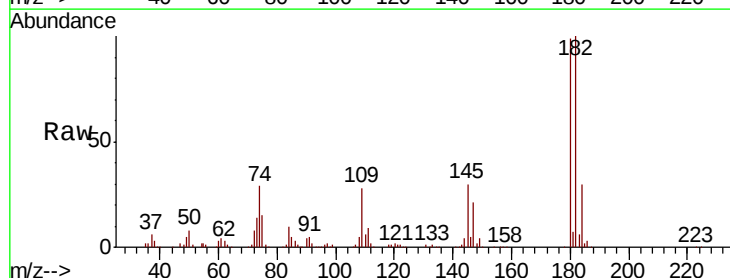
Tgt Ion: 180 Resp: 102811

Ion Ratio Lower Upper

180 100

182 96.4 46.8 140.4

145 32.3 16.2 48.6



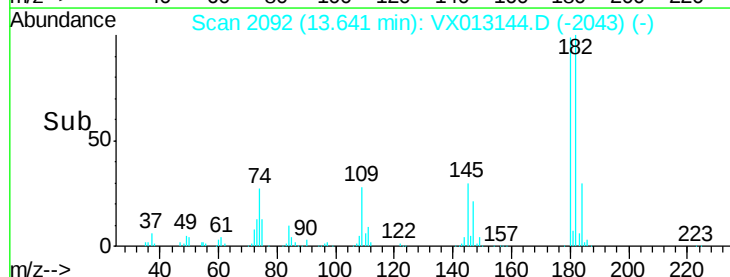
Abundance Ion 179.80 (179.50 to 180.50): VX013013.D (-2086) (-)

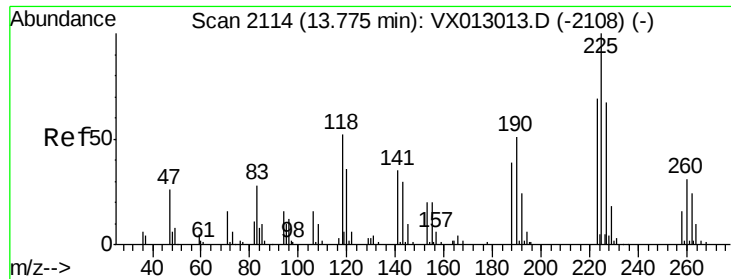
Ion 181.80 (181.50 to 182.50): VX013013.D (-2086) (-)

Ion 144.80 (144.50 to 145.50): VX013013.D (-2086) (-)

Time-->

13.64





#94

Hexachlorobutadiene

Concen: 53.693 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

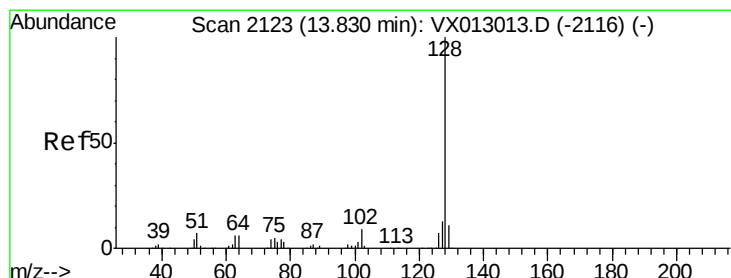
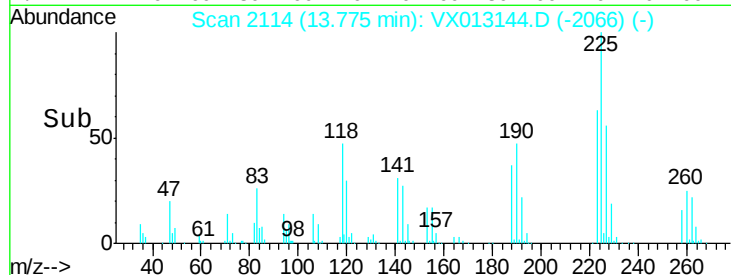
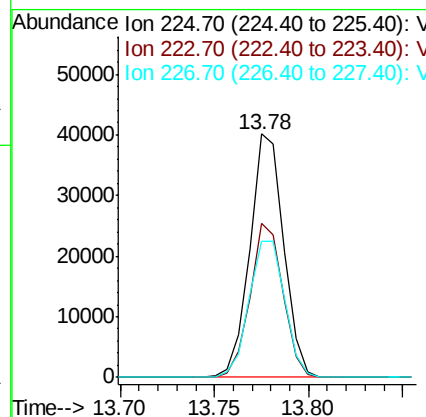
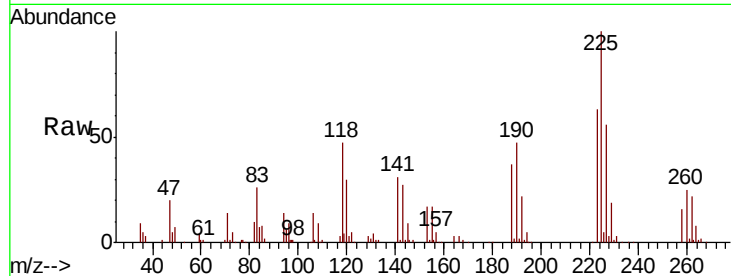
ClientSampleId :

MW-309-SRI4MS

Tot Ion:	225	Resp:	49927
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.1	93.2
227	59.3	32.3	96.9

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:03:05 AM



#95

Naphthalene

Concen: 48.956 ug/l

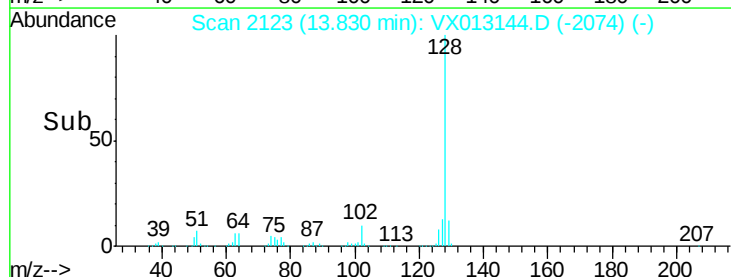
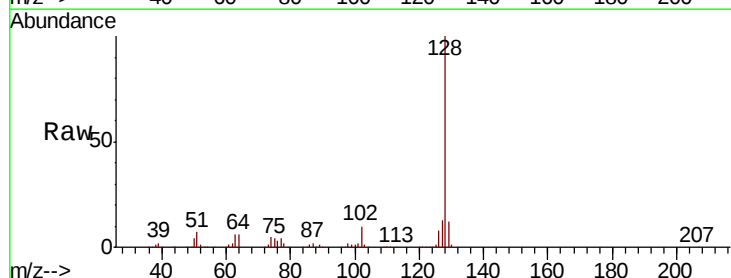
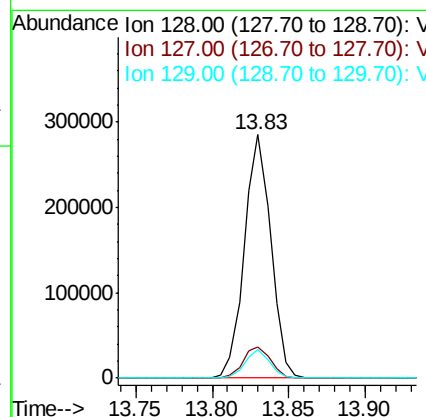
RT: 13.83 min Scan# 2123

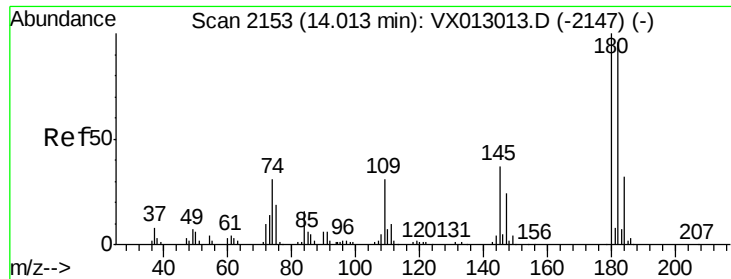
Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion:	128	Resp:	341933
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 51.530 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107291		
182	92.7		47.5	142.5
145	33.7		17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:03:05 AM

