

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013338.D
 Acq On : 06 Nov 2019 12:41
 Operator : JC/SP
 Sample : VX1106WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:17:11 AM

Quant Time: Nov 07 02:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	725603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1105554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	414474	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	335909	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1296705	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	449879	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	162256	19.408	ug/l 98
3) Chloromethane	1.31	50	174570	19.255	ug/l 99
4) Vinyl Chloride	1.40	62	201927	19.563	ug/l 100
5) Bromomethane	1.62	94	117339	16.313	ug/l 97
6) Chloroethane	1.72	64	116890	19.074	ug/l 100
7) Trichlorofluoromethane	1.92	101	222400	18.238	ug/l 96
8) Diethyl Ether	2.17	74	96375	17.872	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136113	20.026	ug/l 97
10) Methyl Iodide	2.50	142	147637	17.545	ug/l 98
11) Tert butyl alcohol	3.03	59	194159	85.694	ug/l 100
12) 1,1-Dichloroethene	2.36	96	130922	19.670	ug/l 94
13) Acrolein	2.28	56	93542	76.177	ug/l 98
14) Allyl chloride	2.72	41	235218	19.450	ug/l 98
15) Acrylonitrile	3.13	53	422360	99.795	ug/l 99
16) Acetone	2.43	43	423975	98.882	ug/l 99
17) Carbon Disulfide	2.56	76	337929	18.969	ug/l 99
18) Methyl Acetate	2.76	43	238054	20.110	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	445772	20.080	ug/l 97
20) Methylene Chloride	2.84	84	151153	19.080	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	139820	19.294	ug/l 99
22) Diisopropyl ether	3.84	45	479404	20.533	ug/l 99
23) Vinyl Acetate	3.80	43	1977906	99.002	ug/l 99
24) 1,1-Dichloroethane	3.69	63	259244	19.849	ug/l 97
25) 2-Butanone	4.65	43	620280	98.612	ug/l 99
26) 2,2-Dichloropropane	4.57	77	205466	19.775	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	161261	19.864	ug/l 99
28) Bromochloromethane	5.00	49	73510	19.823	ug/l 97
29) Tetrahydrofuran	5.11	42	380258	98.100	ug/l 100
30) Chloroform	5.20	83	257690	19.981	ug/l 99
31) Cyclohexane	5.57	56	231842	19.727	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	220358	19.854	ug/l 99
36) 1,1-Dichloropropene	5.79	75	186649	19.680	ug/l 99
37) Ethyl Acetate	4.82	43	224520	19.158	ug/l 98
38) Carbon Tetrachloride	5.78	117	185207	19.970	ug/l 99

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 Misc : 5.0mL/MSVOA_X/WATER
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Manual Integrations
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Quant Time: Nov 07 02:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227760	19.273	ug/l	98
40) Benzene	6.14	78	591040	20.006	ug/l	96
41) Methacrylonitrile	5.03	41	125572	19.117	ug/l	98
42) 1,2-Dichloroethane	6.18	62	208495	19.565	ug/l	99
43) Isopropyl Acetate	6.43	43	360855	19.774	ug/l	99
44) Trichloroethene	7.20	130	155944	19.176	ug/l	91
45) 1,2-Dichloropropane	7.51	63	150520	19.996	ug/l	100
46) Dibromomethane	7.65	93	98342	19.134	ug/l	97
47) Bromodichloromethane	7.89	83	193582	19.974	ug/l	98
48) Methyl methacrylate	7.76	41	179058	19.656	ug/l	99
49) 1,4-Dioxane	7.73	88	77634	372.132	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1167448	97.506	ug/l	100
52) Toluene	8.78	92	371556	20.292	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	214497	20.240	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	236984	19.991	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	152558	20.101	ug/l	97
56) Ethyl methacrylate	9.17	69	239702	19.484	ug/l	97
57) 1,3-Dichloropropane	9.37	76	253696	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	505243	97.361	ug/l	99
59) 2-Hexanone	9.48	43	908141	98.151	ug/l	98
60) Dibromochloromethane	9.57	129	154575	19.914	ug/l	99
61) 1,2-Dibromoethane	9.67	107	159189	19.752	ug/l	98
64) Tetrachloroethene	9.33	164	143644	20.354	ug/l	99
65) Chlorobenzene	10.14	112	404155	20.249	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146606	20.005	ug/l	100
67) Ethyl Benzene	10.24	91	693274	20.126	ug/l	99
68) m/p-Xylenes	10.35	106	526375	40.404	ug/l	99
69) o-Xylene	10.70	106	257454	20.185	ug/l	99
70) Styrene	10.71	104	439679	20.622	ug/l	99
71) Bromoform	10.85	173	119884	19.716	ug/l #	97
73) Isopropylbenzene	11.01	105	691997	21.250	ug/l	99
74) N-amyl acetate	10.89	43	313424	20.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	240320	20.229	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196336m	19.681	ug/l	
77) Bromobenzene	11.25	156	178298	20.539	ug/l	98
78) n-propylbenzene	11.35	91	750555	20.691	ug/l	99
79) 2-Chlorotoluene	11.42	91	451935	20.679	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	570561	21.035	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	74970	19.344	ug/l	97
82) 4-Chlorotoluene	11.51	91	517384	20.223	ug/l	100
83) tert-Butylbenzene	11.76	119	581961	21.314	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	576241	21.178	ug/l	99
85) sec-Butylbenzene	11.94	105	650997	20.745	ug/l	99
86) p-Isopropyltoluene	12.06	119	603867	20.898	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311785	20.149	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	316240	20.058	ug/l	100
89) n-Butylbenzene	12.38	91	496624	19.696	ug/l	99
90) Hexachloroethane	12.59	117	103025	20.011	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	316231	20.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52773	18.233	ug/l	99

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Instrument :
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ClientSampleId :
VX1106WBSD01

Manual Integrations
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MMDadoda
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Quant Time: Nov 07 02:34:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	214806	19.909	ug/l	97
94) Hexachlorobutadiene	13.77	225	97837	18.534	ug/l	99
95) Naphthalene	13.83	128	686190	20.270	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	216814	20.037	ug/l	99

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

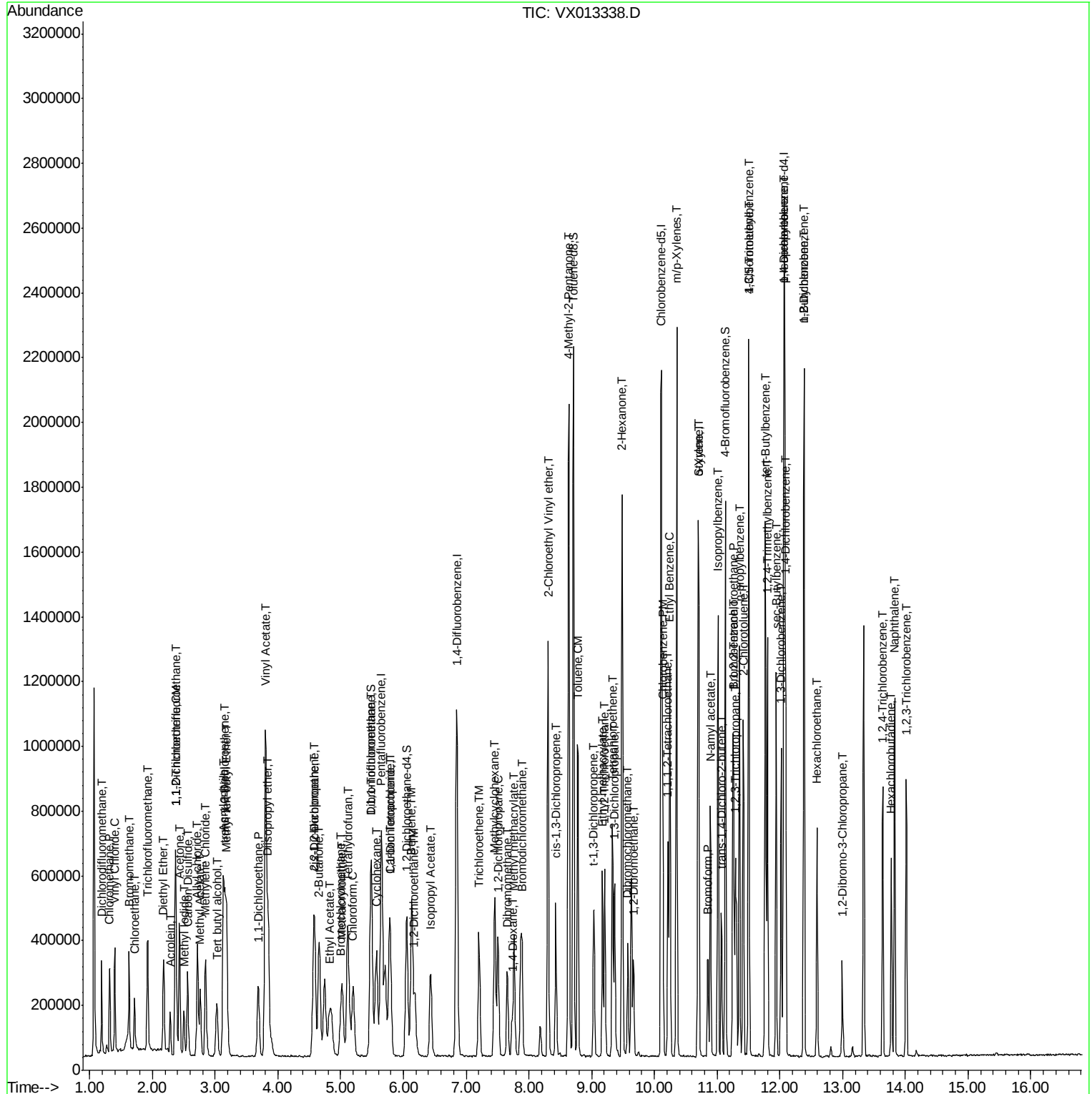
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 Data File : VX013338.D
 Acq On : 06 Nov 2019 12:41
 Operator : JC/SP
 Sample : VX1106WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

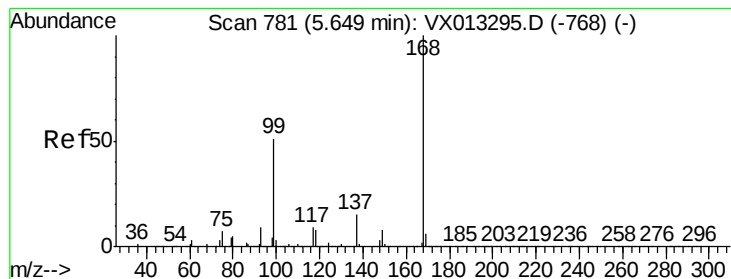
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

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#1

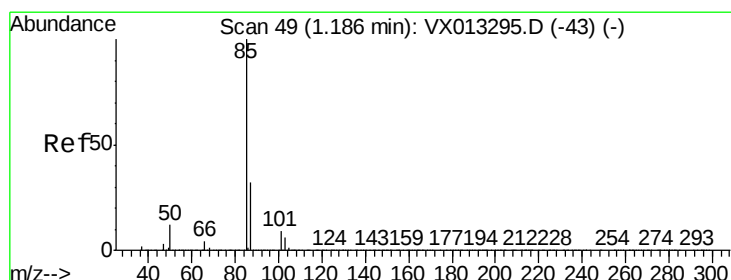
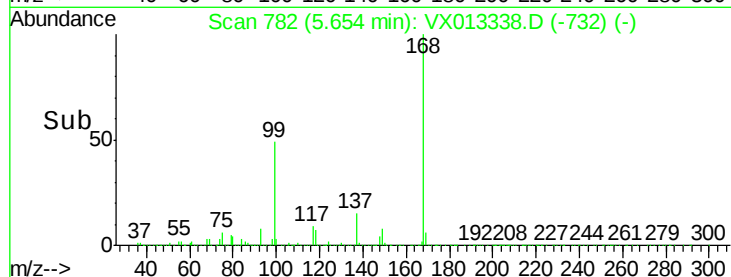
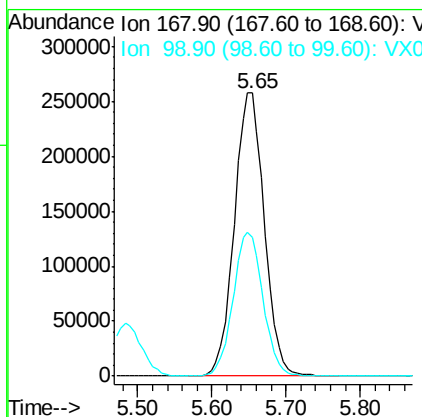
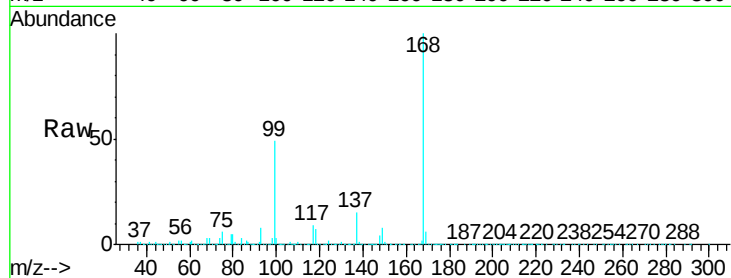
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.1	40.8	61.2

Manual Integrations
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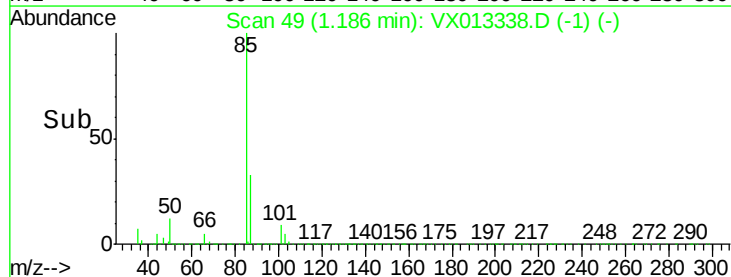
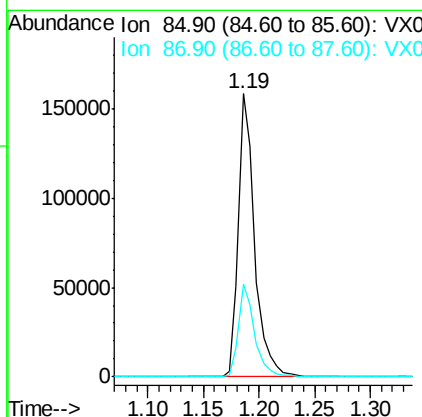
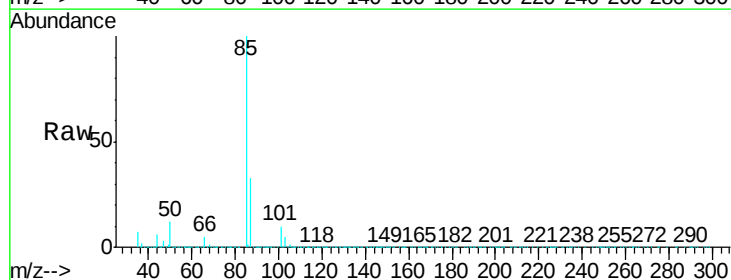
MMDadoda
 11/7/2019 9:17:11 AM

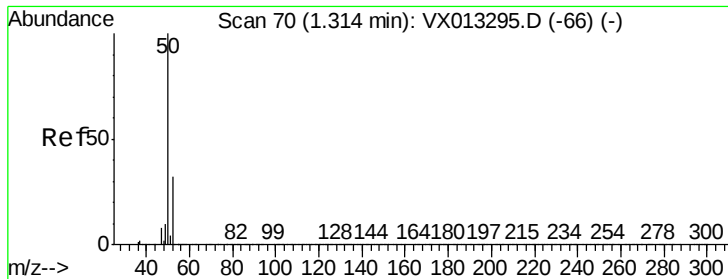


#2

Dichlorodifluoromethane
 Concen: 19.408 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.9	47.6





#3

Chloromethane

Concen: 19.255 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 50 Resp: 174570

Ion Ratio Lower Upper

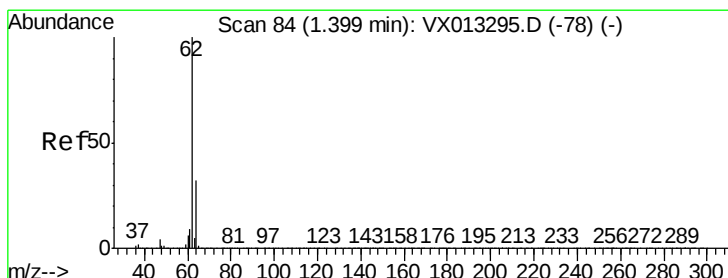
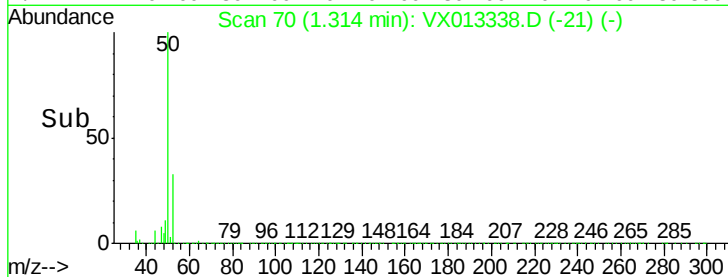
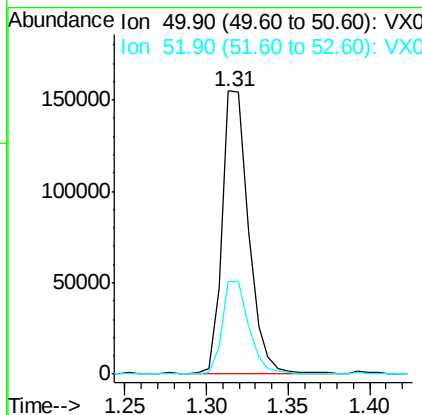
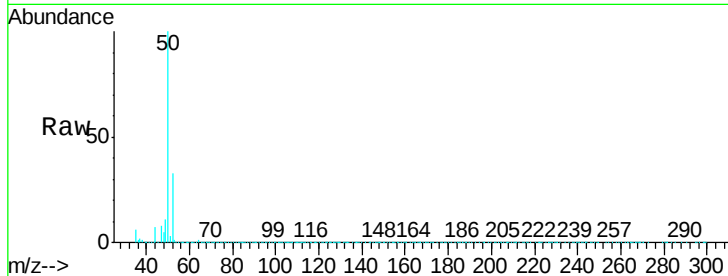
50 100

52 32.5 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.563 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013338.D

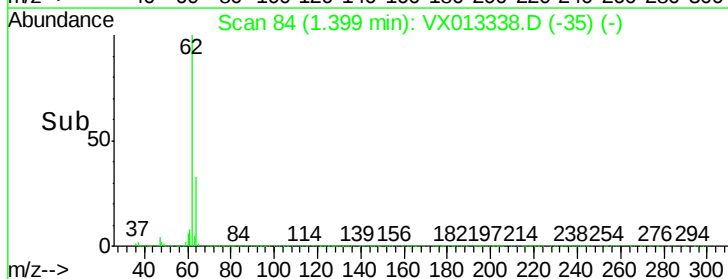
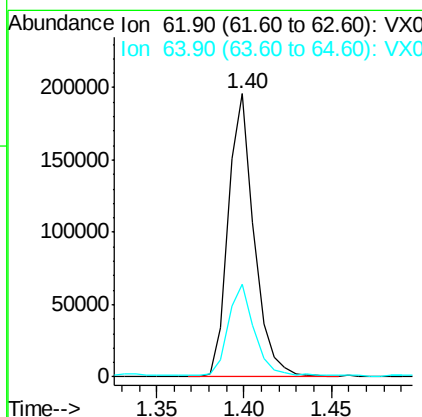
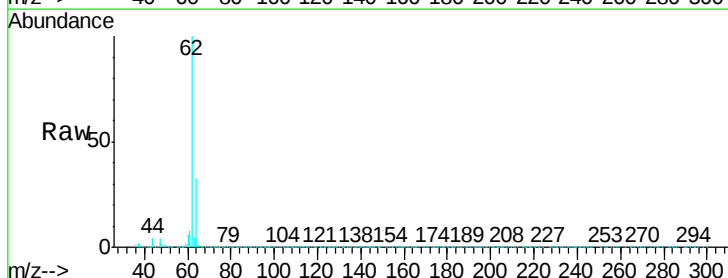
Acq: 06 Nov 2019 12:41

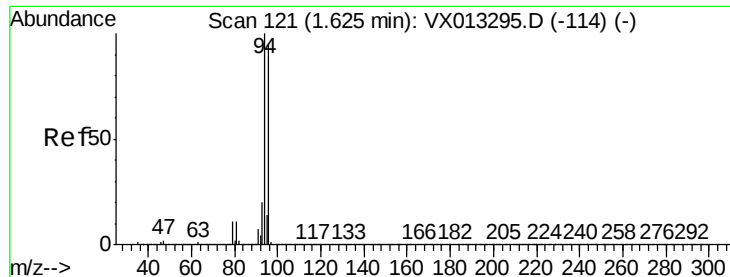
Tgt Ion: 62 Resp: 201927

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 16.313 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 94 Resp: 117339

Ion Ratio Lower Upper

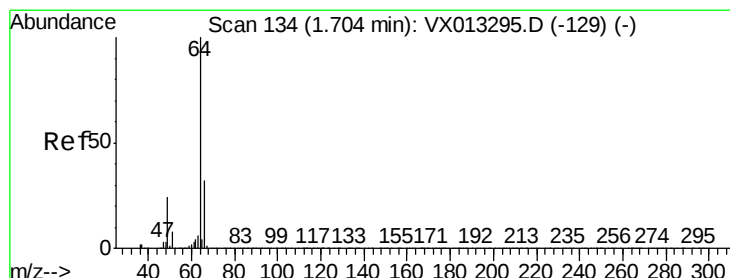
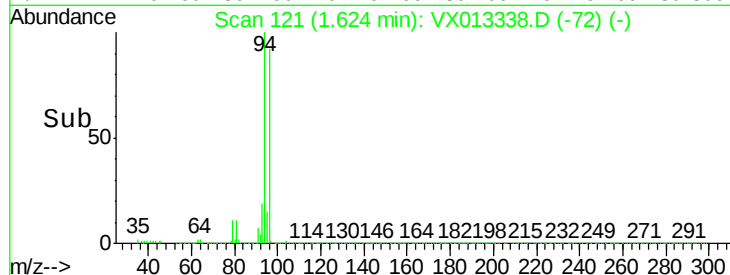
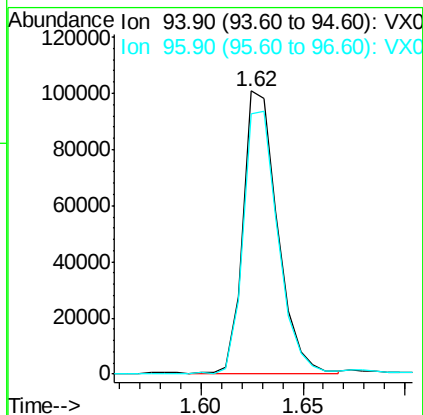
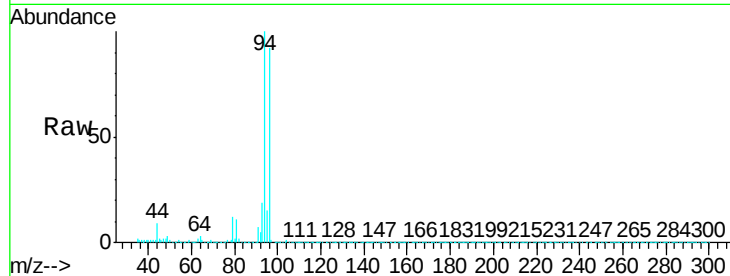
94 100

96 91.9 75.8 113.8

Manual Integrations
APPROVED

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11/7/2019 9:17:11 AM



#6

Chloroethane

Concen: 19.074 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013338.D

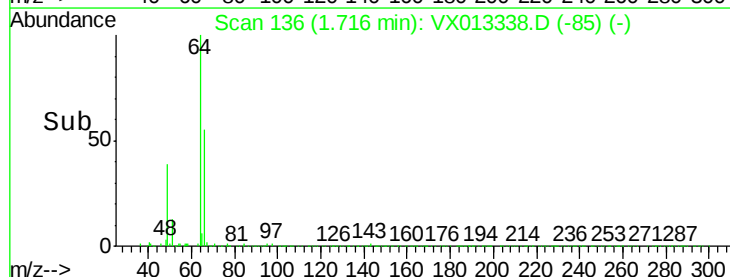
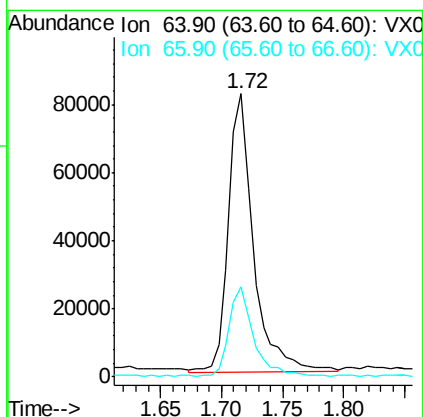
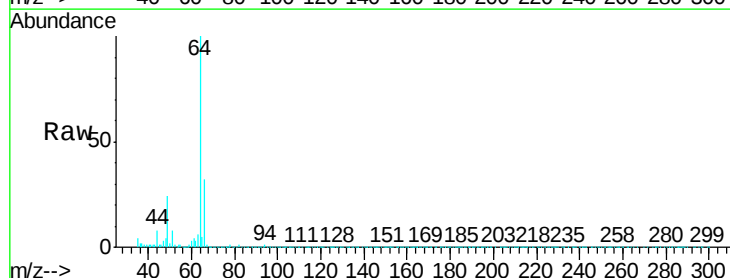
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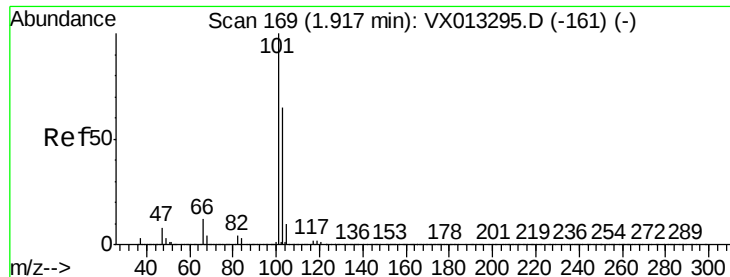
Tgt Ion: 64 Resp: 116890

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4





#7

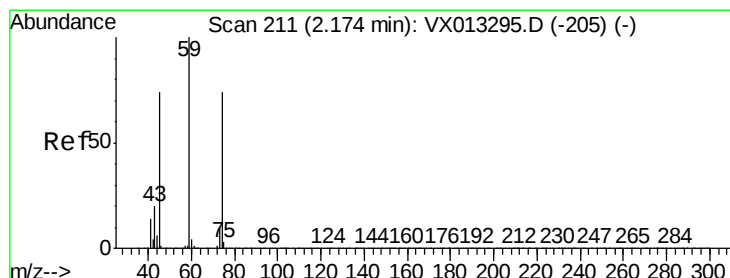
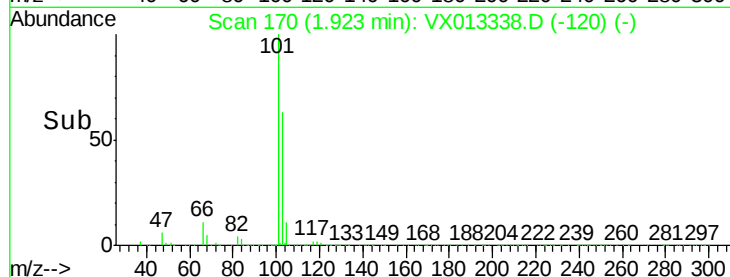
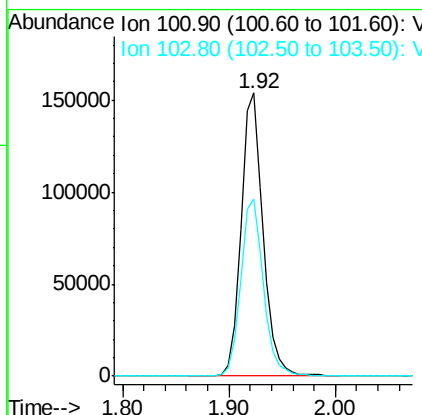
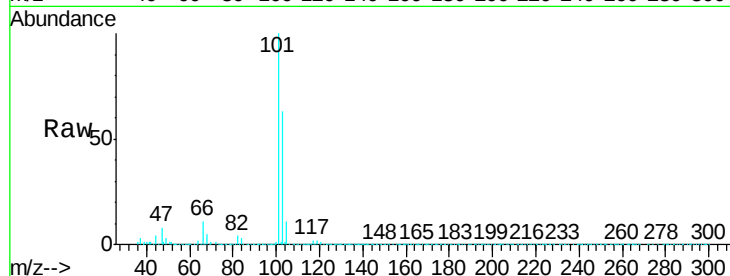
Trichlorofluoromethane
Concen: 18.238 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.3	78.5

Manual Integrations
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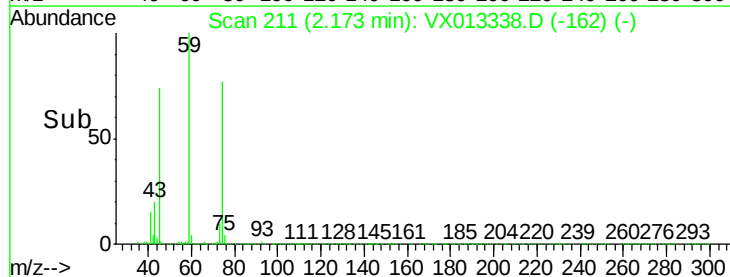
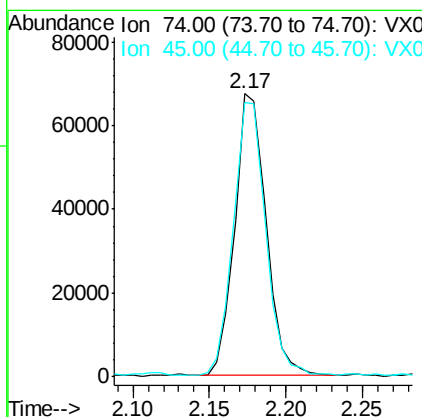
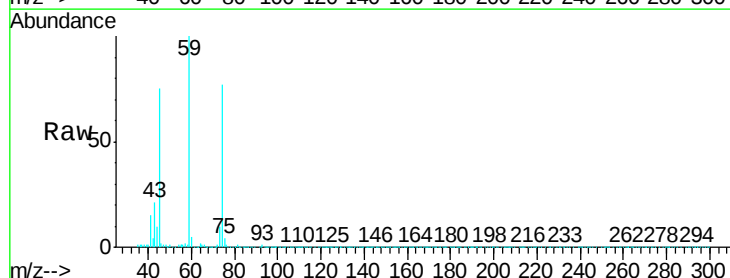
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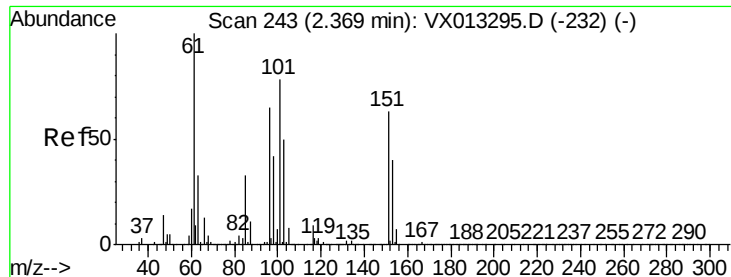


#8

Diethyl Ether
Concen: 17.872 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.026 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

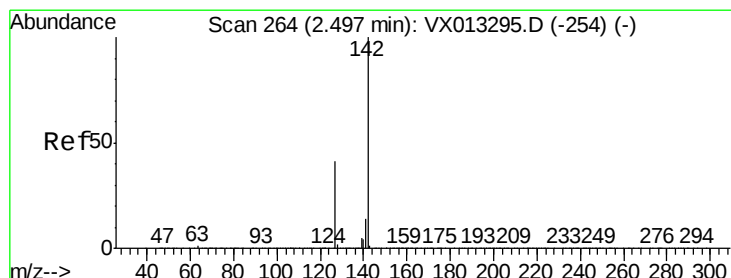
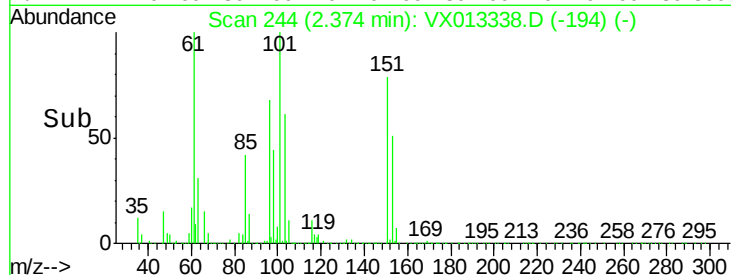
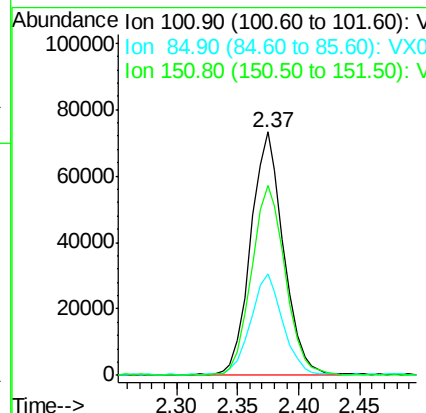
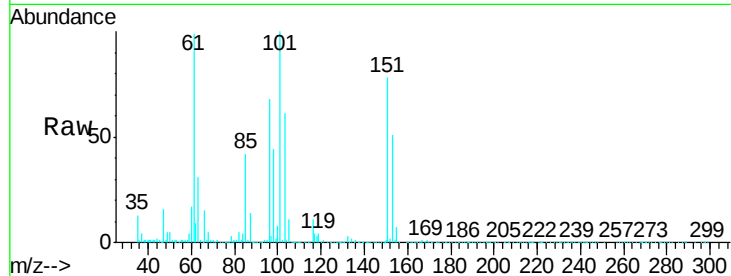
ClientSampleId :

VX1106WBSD01

Tgt Ion:	101	Resp:	136113
Ion Ratio	Lower	Upper	
101	100		
85	40.6	34.4	51.6
151	80.3	66.4	99.6

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#10

Methyl Iodide

Concen: 17.545 ug/l

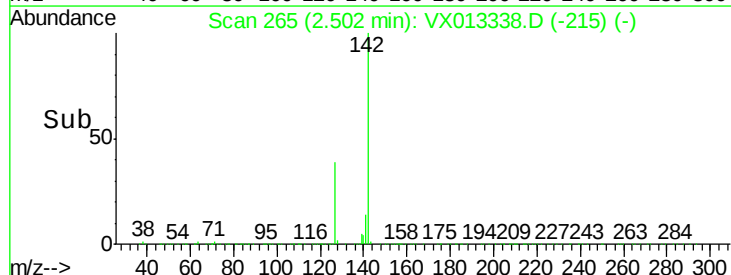
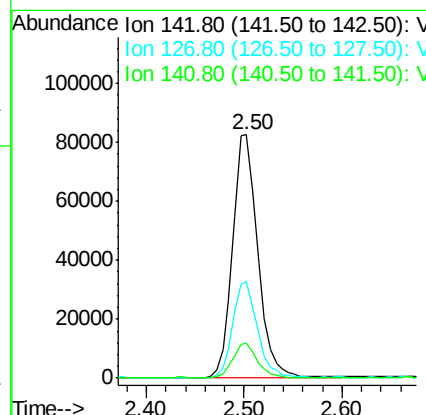
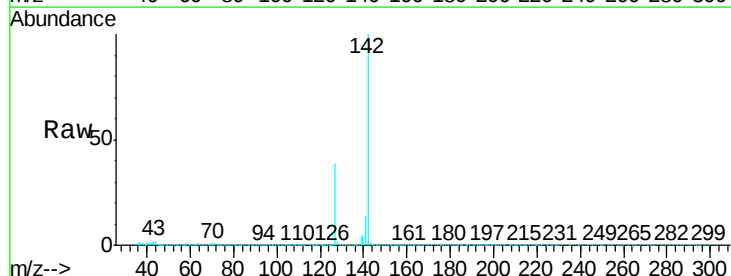
RT: 2.50 min Scan# 265

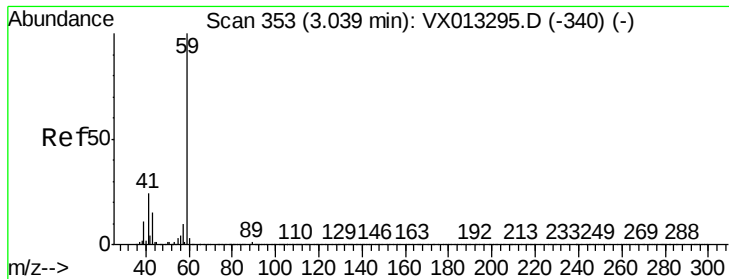
Delta R.T. 0.01 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	142	Resp:	147637
Ion Ratio	Lower	Upper	
142	100		
127	38.9	32.6	49.0
141	14.3	11.6	17.4





#11

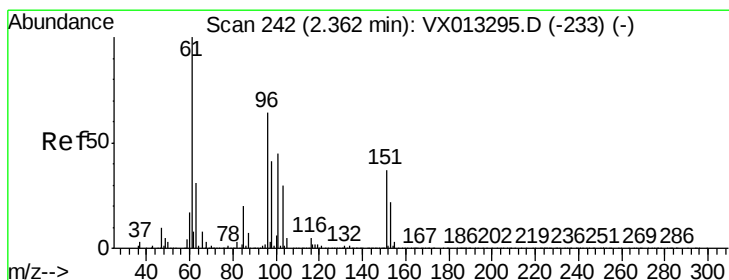
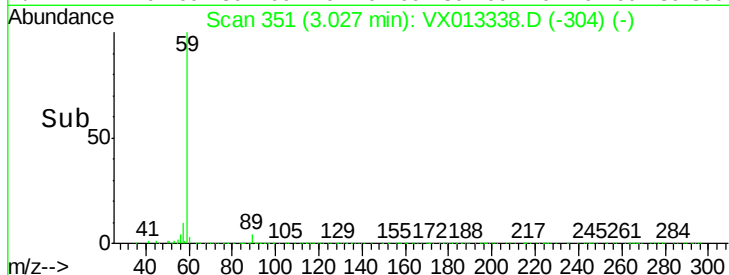
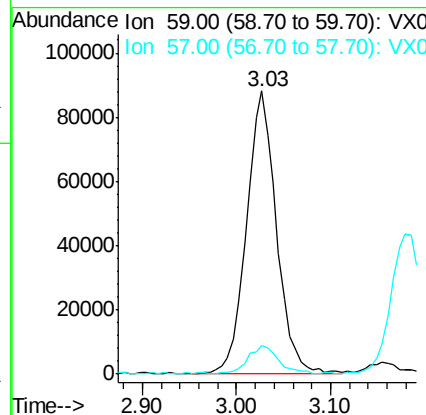
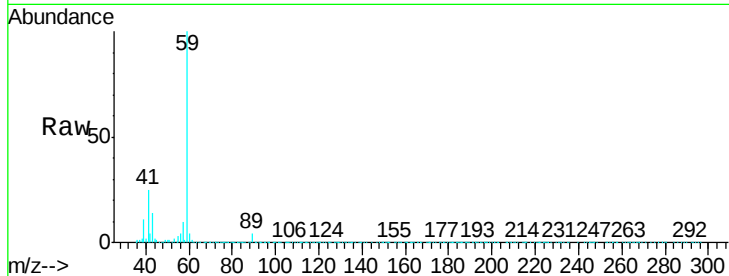
Tert butyl alcohol
Concen: 85.694 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

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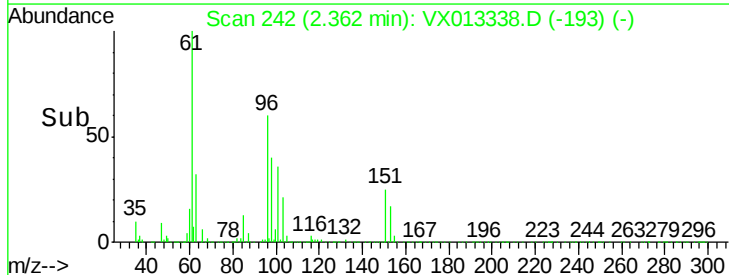
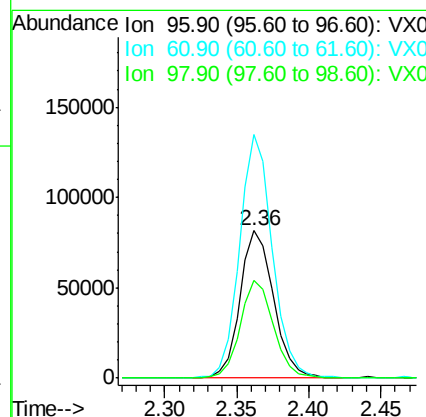
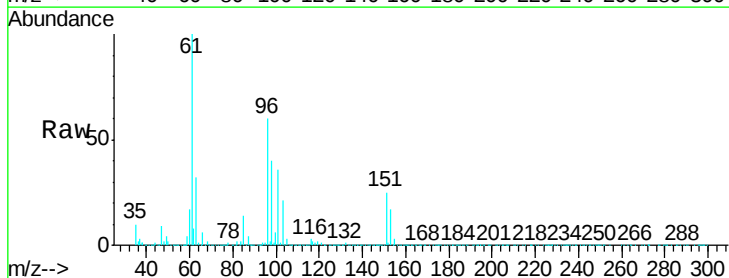
MMDadoda
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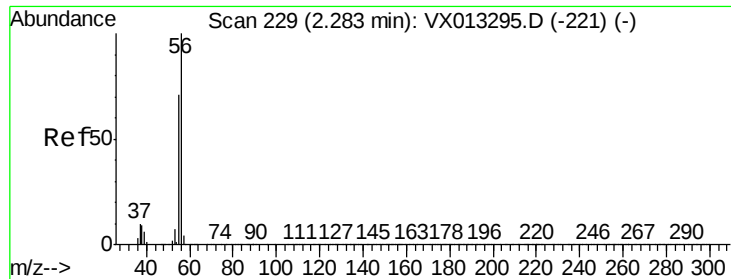


#12

1,1-Dichloroethene
Concen: 19.670 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.3	125.0	187.6
98	66.3	50.7	76.1





#13

Acrolein

Concen: 76.177 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

VX1106WBSD01

Tgt Ion: 56 Resp: 93542

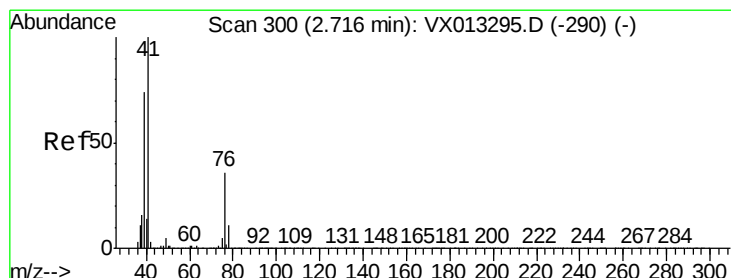
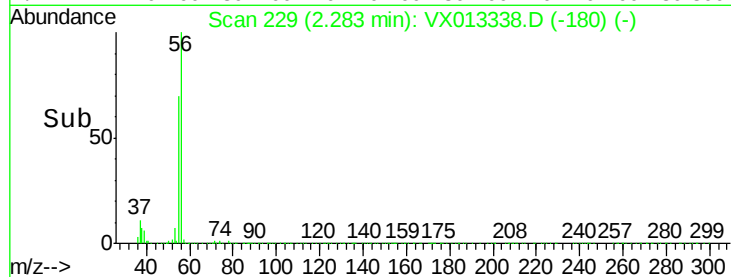
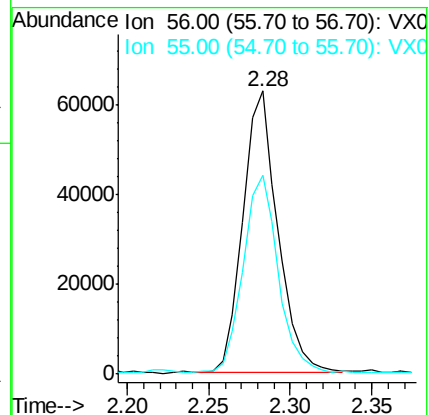
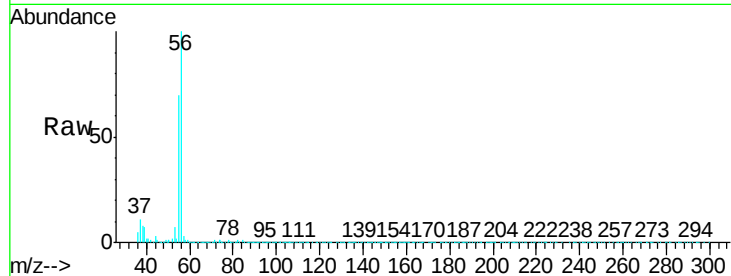
Ion Ratio Lower Upper

56 100

55 69.9 57.4 86.0

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#14

Allyl chloride

Concen: 19.450 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

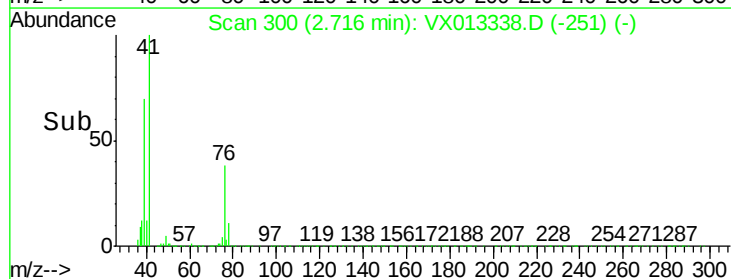
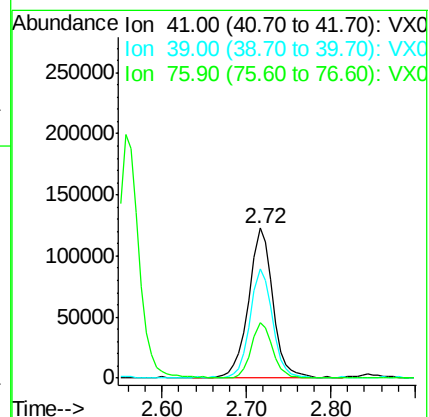
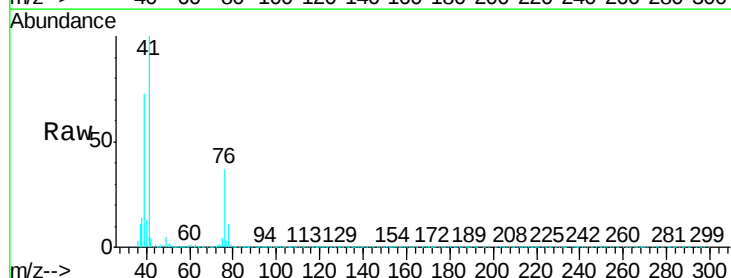
Tgt Ion: 41 Resp: 235218

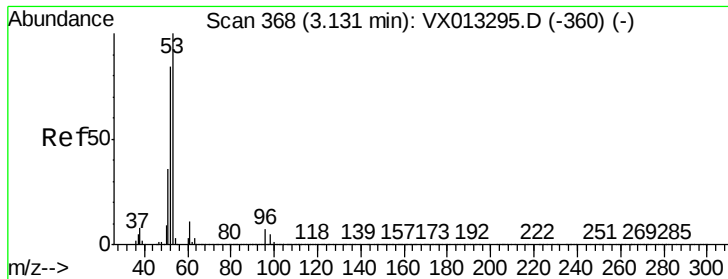
Ion Ratio Lower Upper

41 100

39 67.6 55.8 83.8

76 32.4 26.4 39.6





#15

Acrylonitrile

Concen: 99.795 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

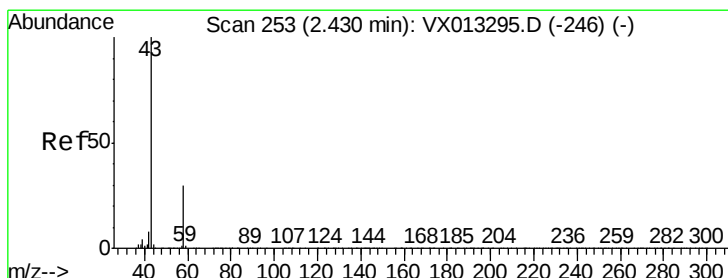
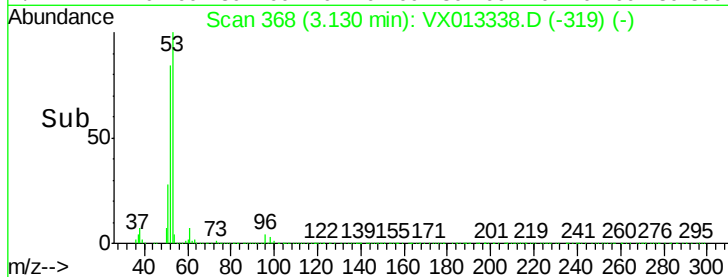
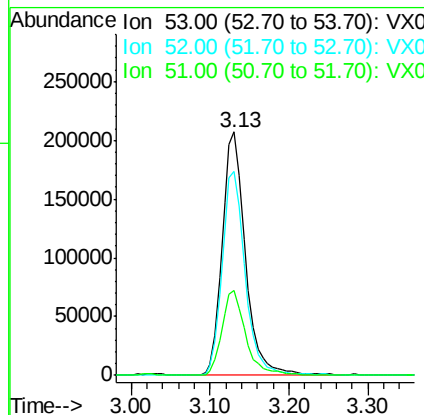
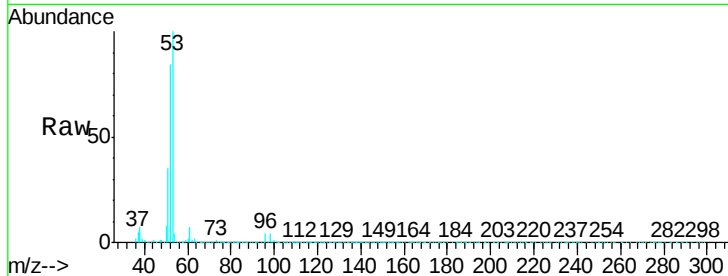
ClientSampleId :

VX1106WBSD01

Tgt Ion:	53	Resp:	422360
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.4	101.0
51	35.3	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 98.882 ug/l

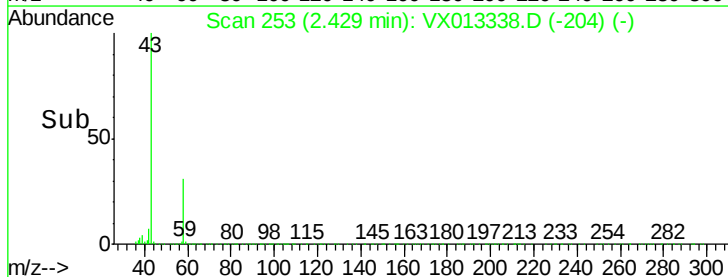
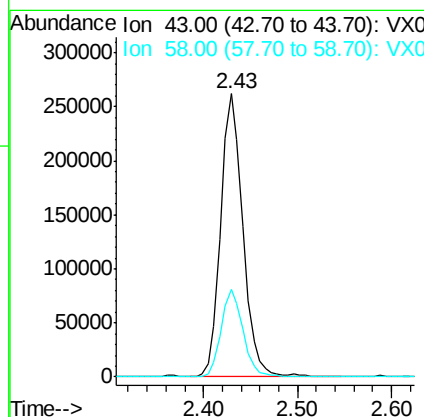
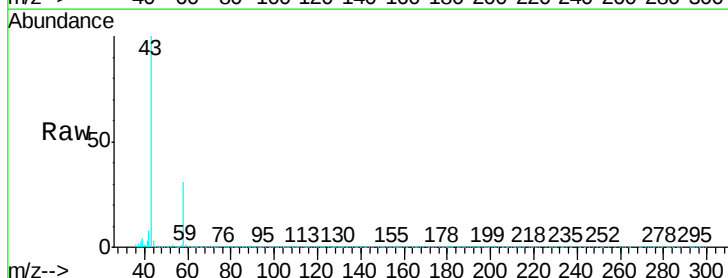
RT: 2.43 min Scan# 253

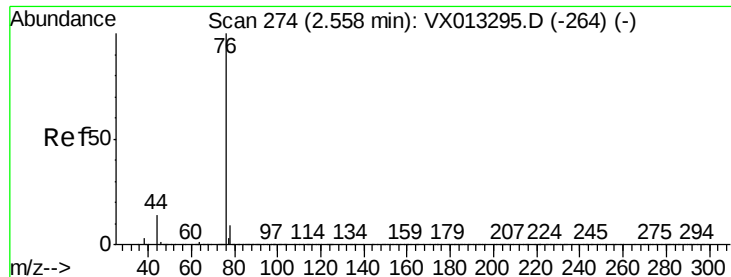
Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	43	Resp:	423975
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.3	36.5





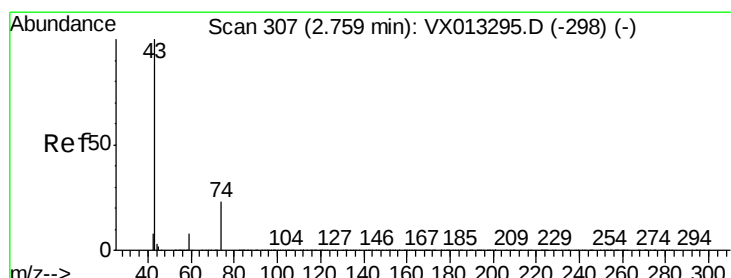
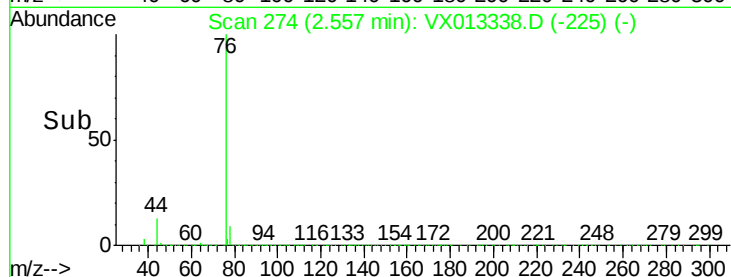
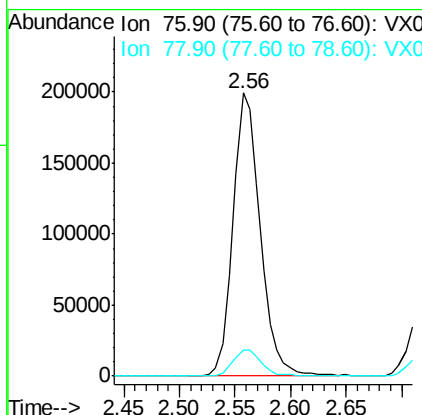
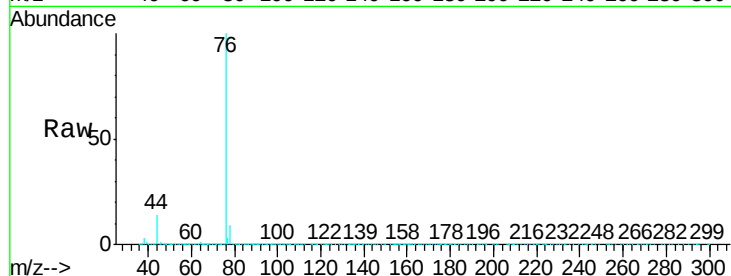
#17
Carbon Disulfide
Concen: 18.969 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

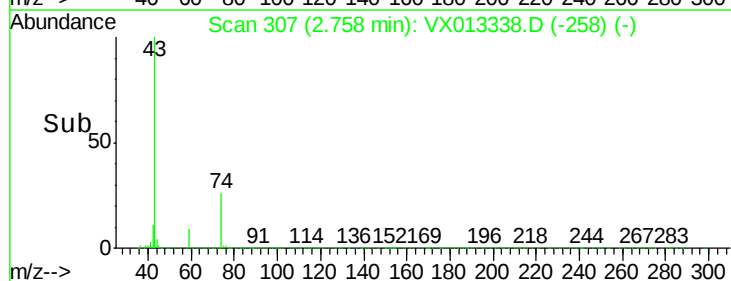
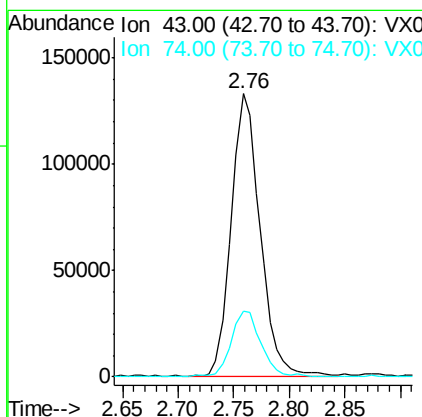
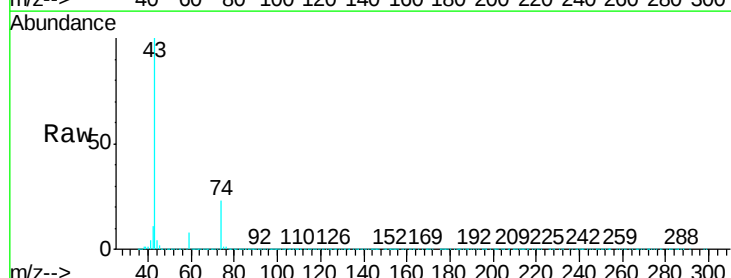
Manual Integrations
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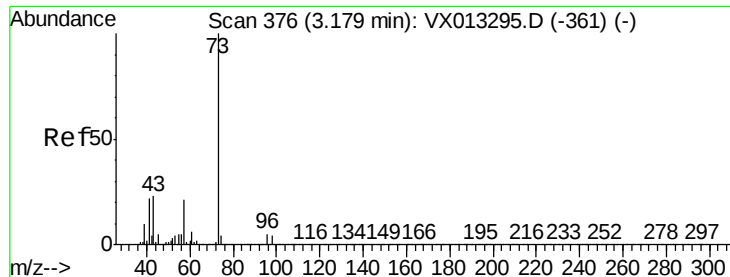
MMDadoda
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#18
Methyl Acetate
Concen: 20.110 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.0	28.6





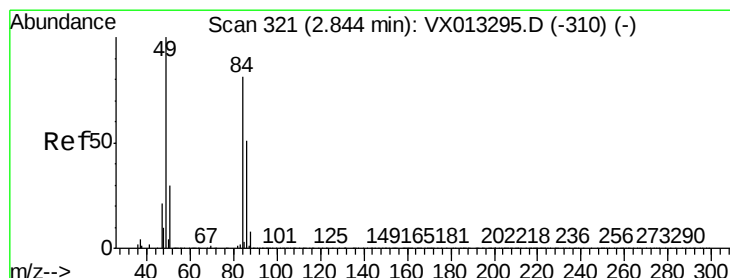
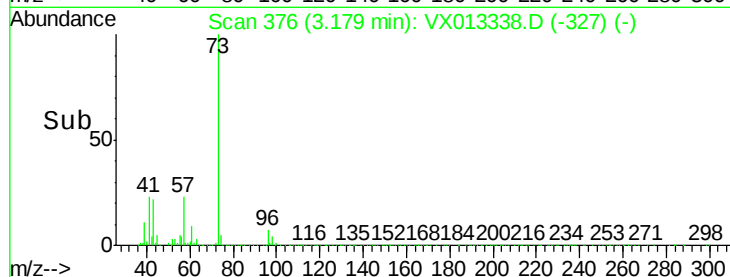
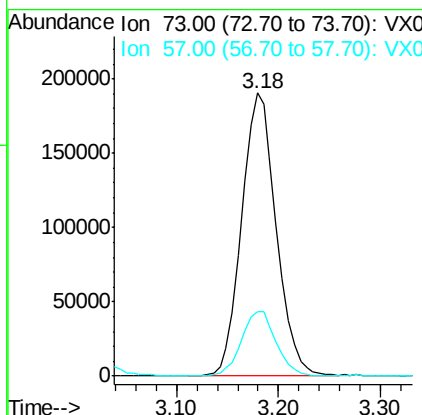
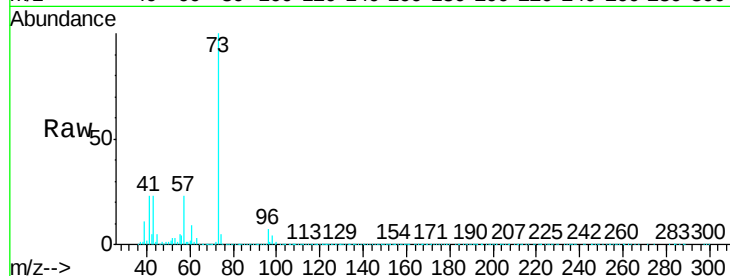
#19
Methyl tert-butyl Ether
Concen: 20.080 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

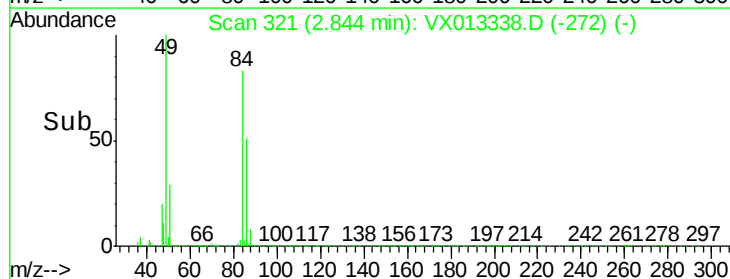
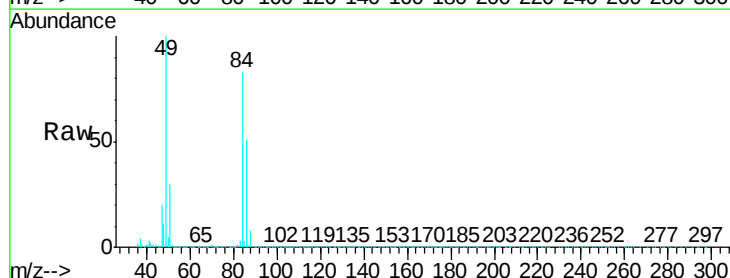
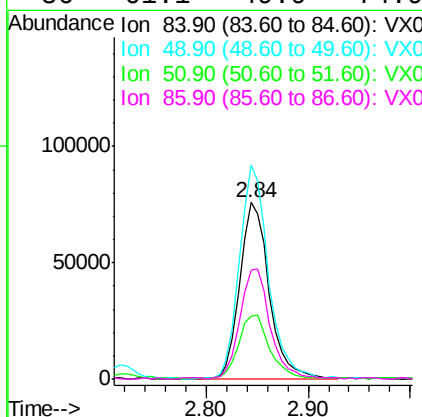
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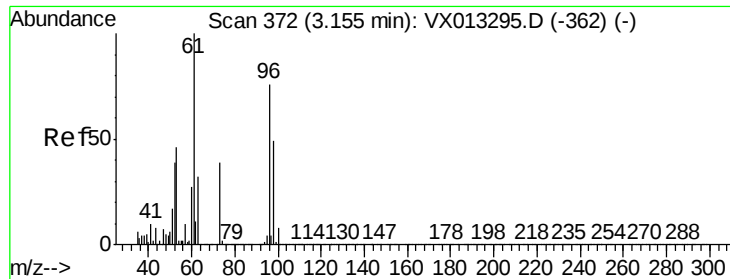
MMDadoda
11/7/2019 9:17:11 AM



#20
Methylene Chloride
Concen: 19.080 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	98.2	147.4
51	35.3	29.9	44.9
86	61.1	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.294 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

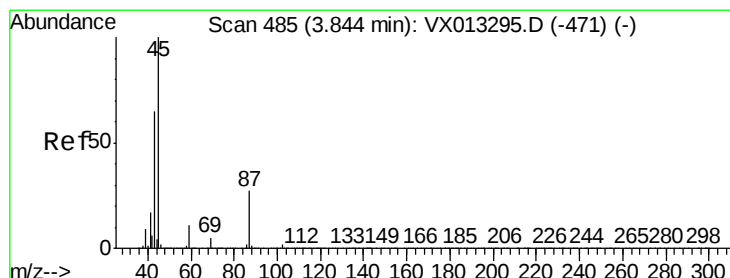
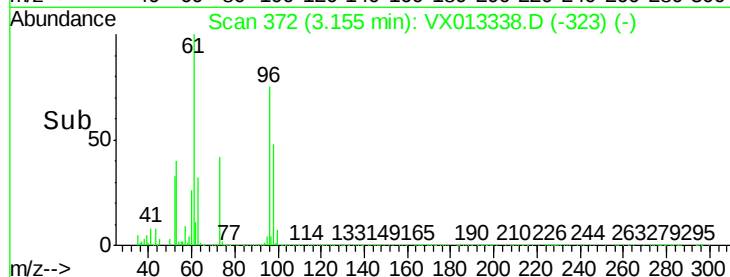
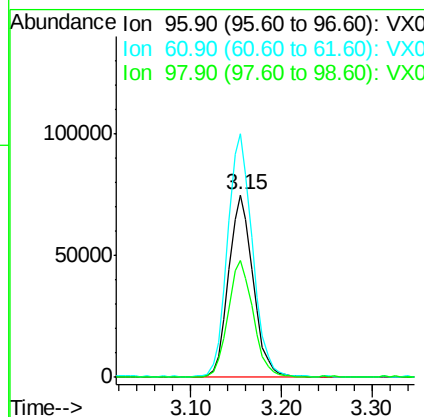
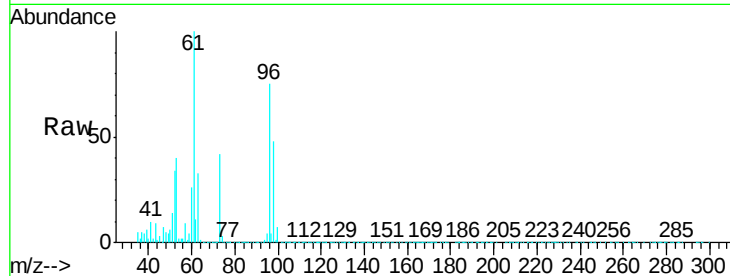
ClientSampleId :

VX1106WBSD01

Tgt Ion:	96	Resp:	139820
Ion	Ratio	Lower	Upper
96	100		
61	133.5	105.8	158.6
98	63.8	51.8	77.6

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#22

Diisopropyl ether

Concen: 20.533 ug/l

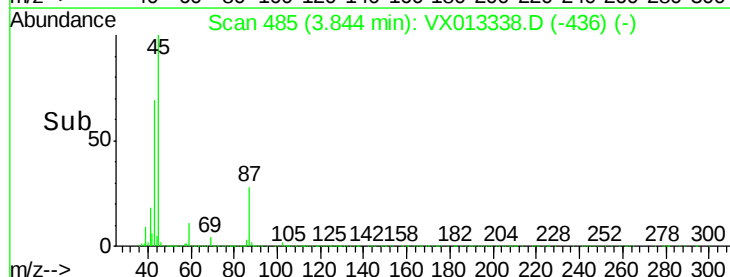
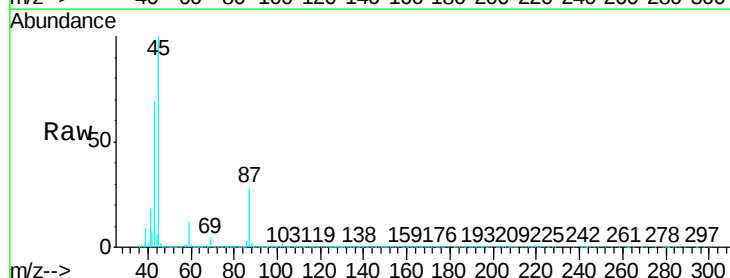
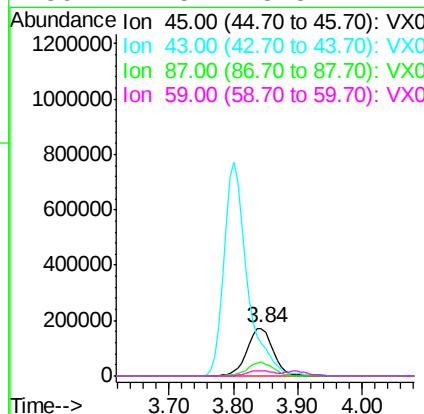
RT: 3.84 min Scan# 485

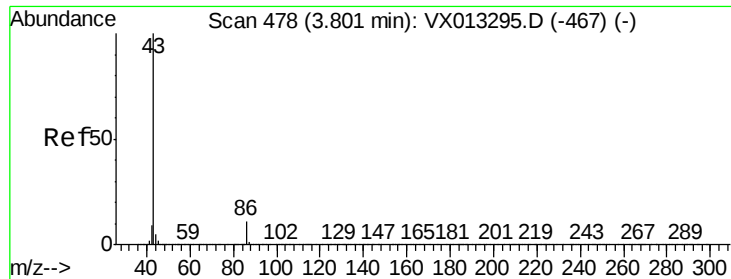
Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	45	Resp:	479404
Ion	Ratio	Lower	Upper
45	100		
43	68.5	54.2	81.2
87	28.3	21.8	32.8
59	11.5	8.5	12.7





#23

Vinyl Acetate

Concen: 99.002 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 43 Resp: 1977906

Ion Ratio Lower Upper

43 100

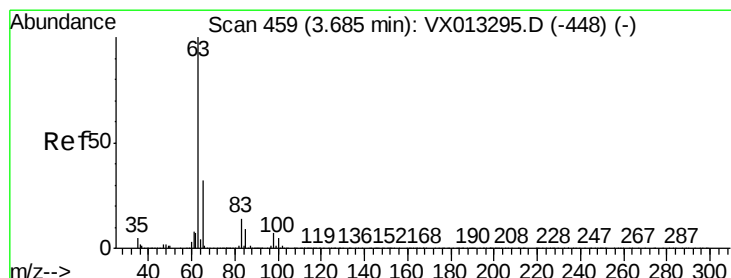
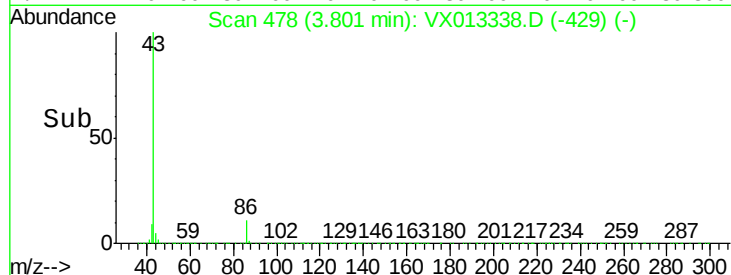
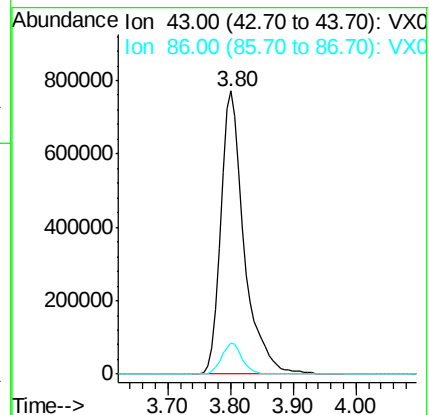
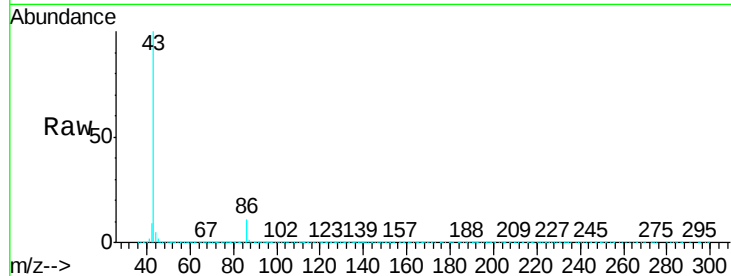
86 11.1 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.849 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

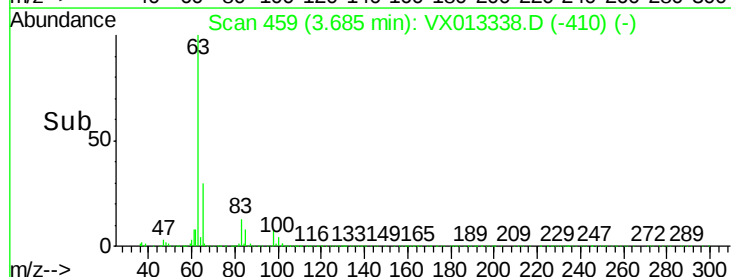
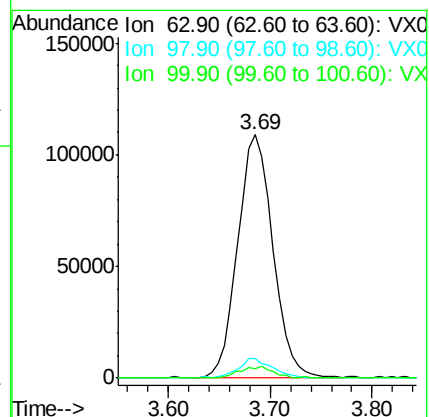
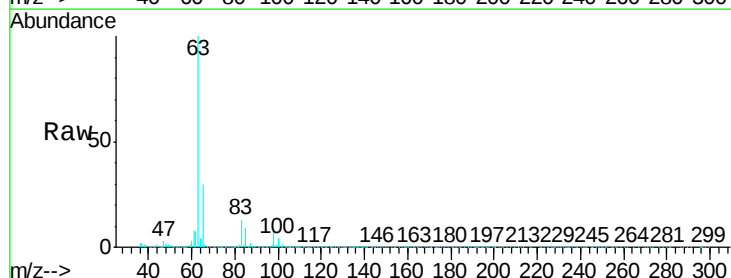
Tgt Ion: 63 Resp: 259244

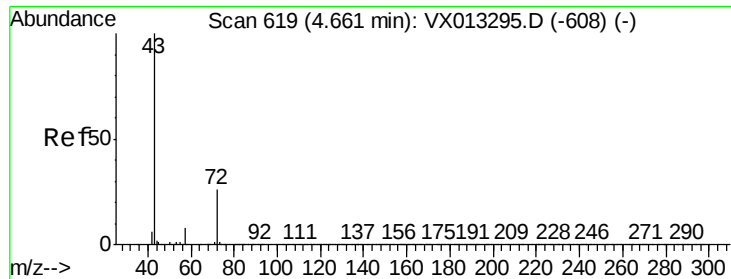
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 3.7 2.4 7.2





#25

2-Butanone

Concen: 98.612 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion: 43 Resp: 620280

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

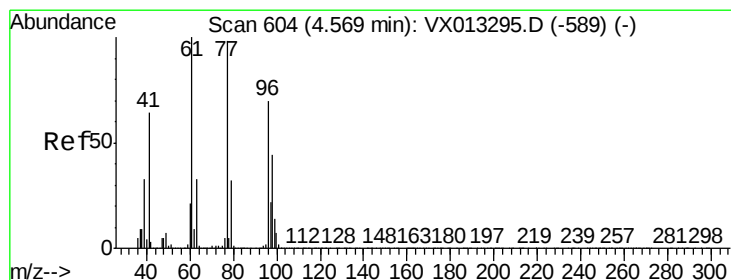
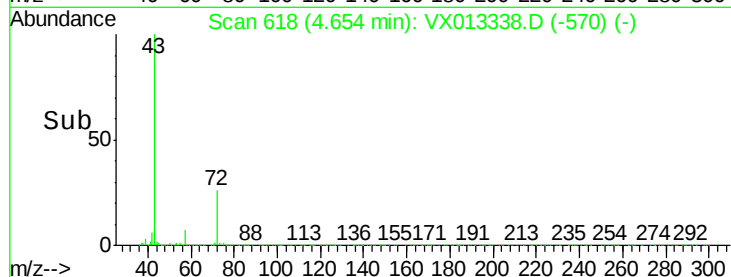
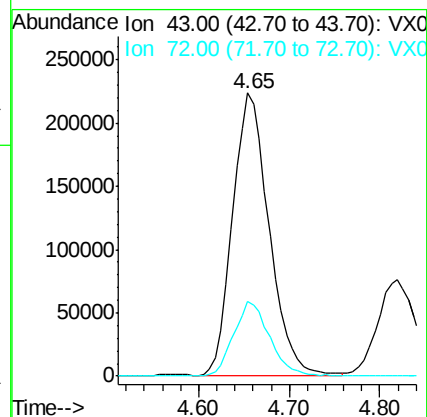
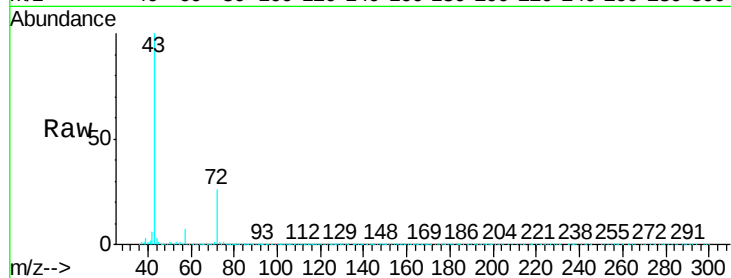
VX1106WBSD01

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#26

2,2-Dichloropropane

Concen: 19.775 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013338.D

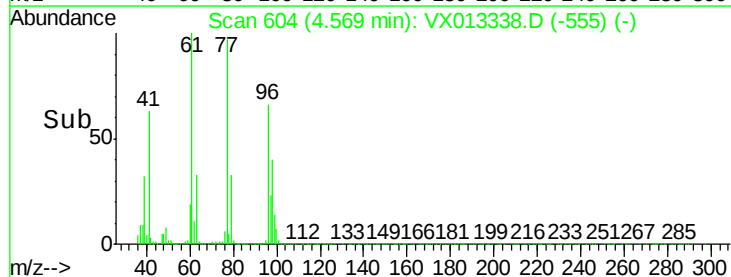
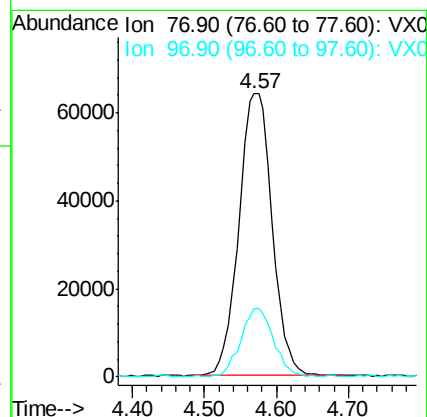
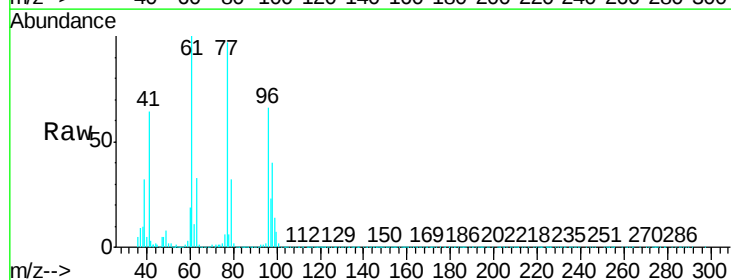
Acq: 06 Nov 2019 12:41

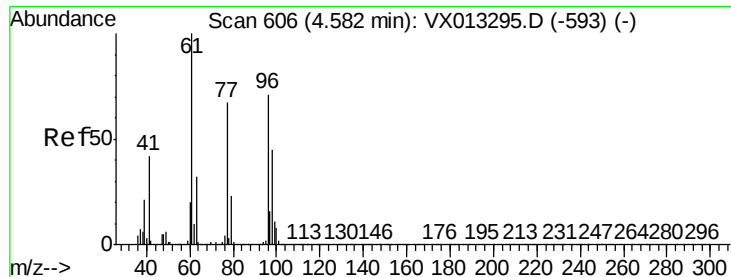
Tgt Ion: 77 Resp: 205466

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8





#27

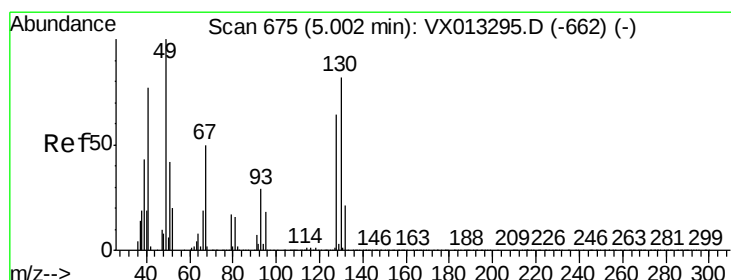
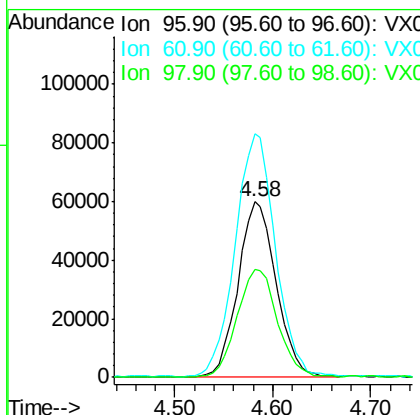
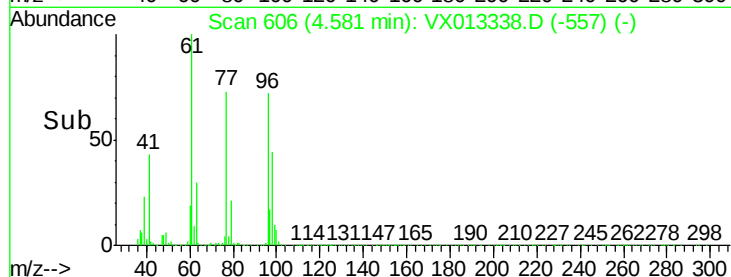
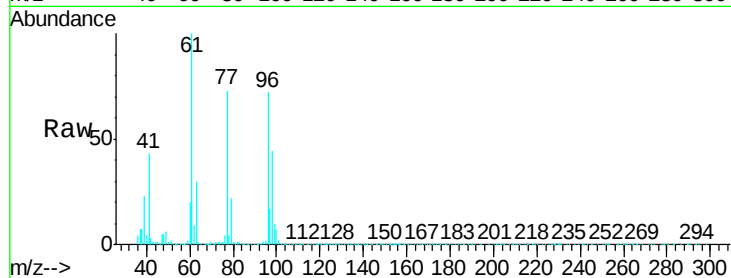
cis-1,2-Dichloroethene
Concen: 19.864 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	161261		
61	146.0	0.0	288.0	
98	65.2	0.0	129.6	

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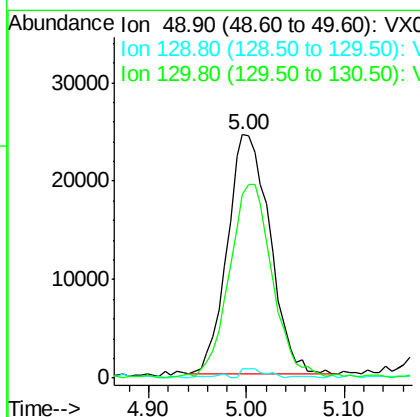
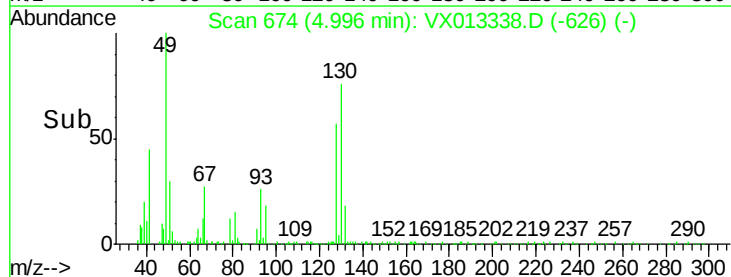
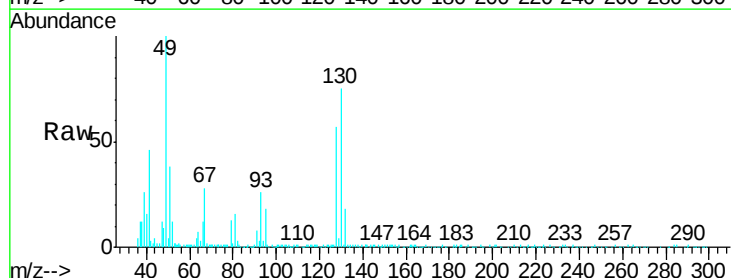
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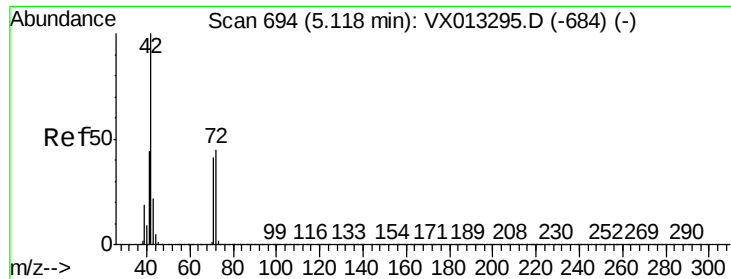


#28

Bromochloromethane
Concen: 19.823 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73510		
129	2.3	0.0	5.2	
130	82.0	63.8	95.6	





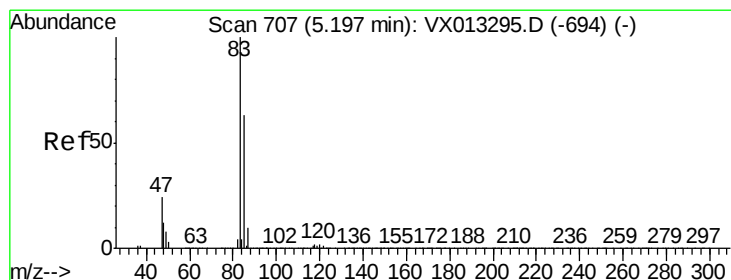
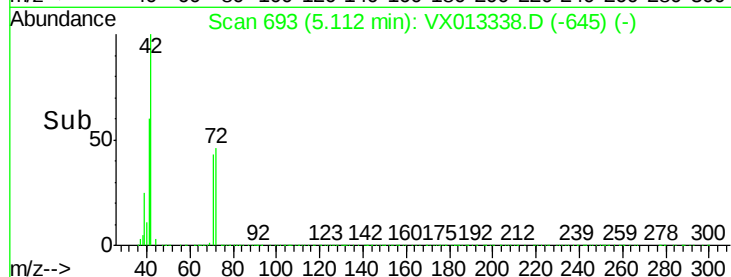
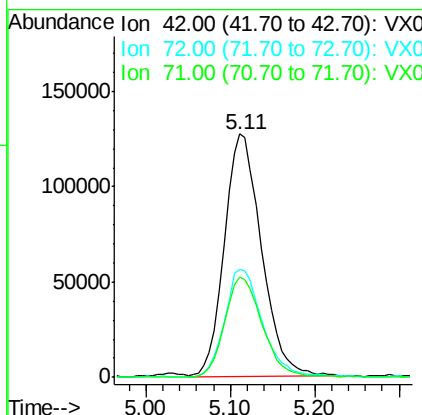
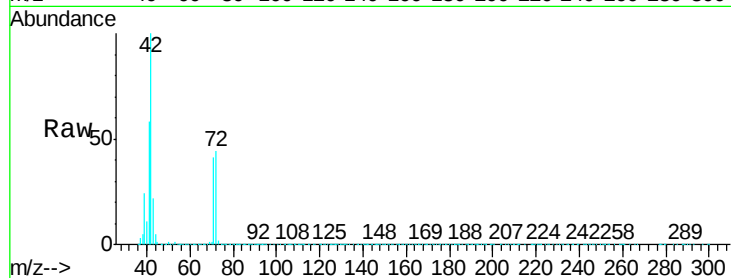
#29
Tetrahydrofuran
Concen: 98.100 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
72	45.4	35.8	53.8
71	41.7	33.4	50.0

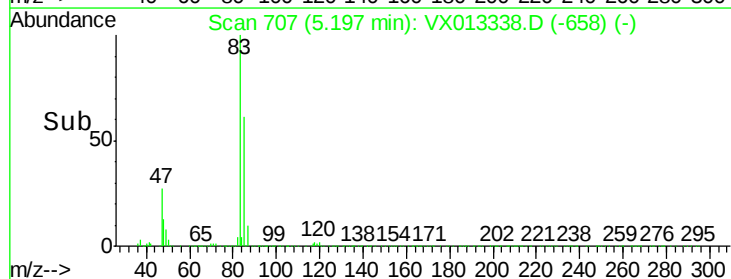
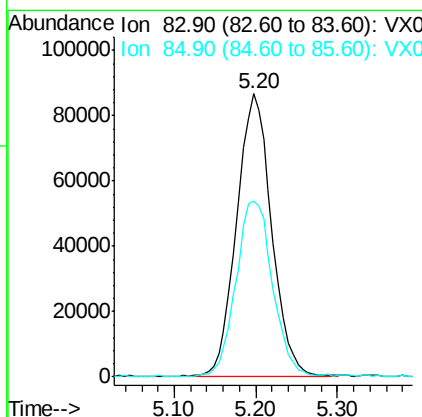
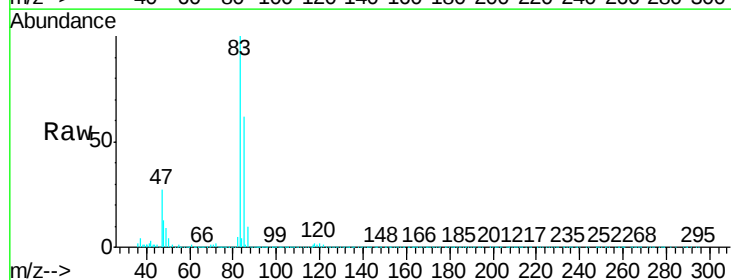
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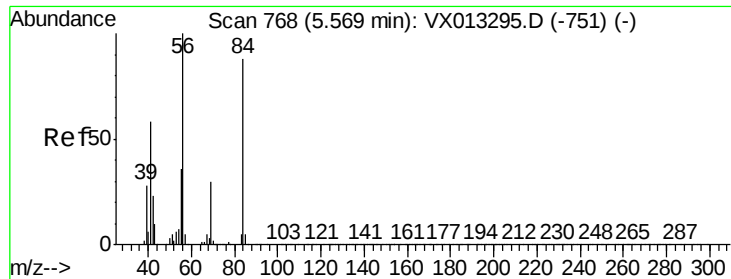
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#30
Chloroform
Concen: 19.981 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	62.3	50.2	75.4





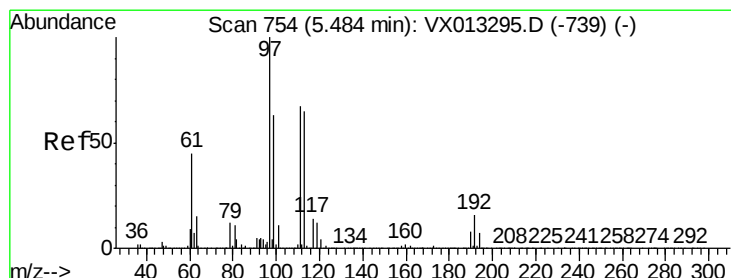
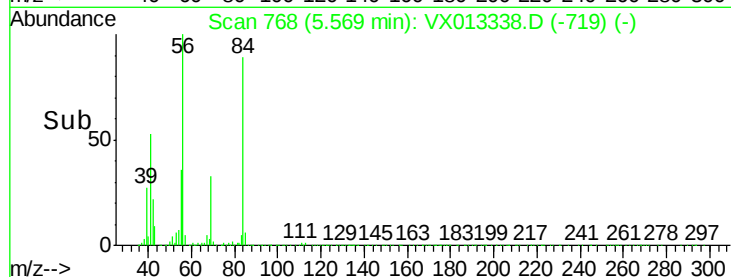
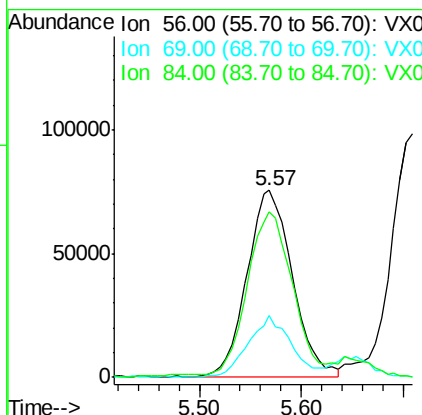
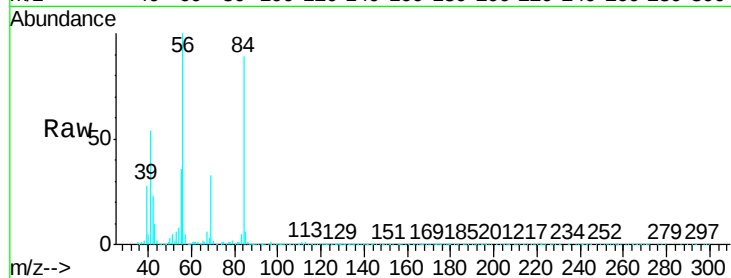
#31
Cyclohexane
Concen: 19.727 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.6	23.7	35.5
84	86.8	70.6	105.8

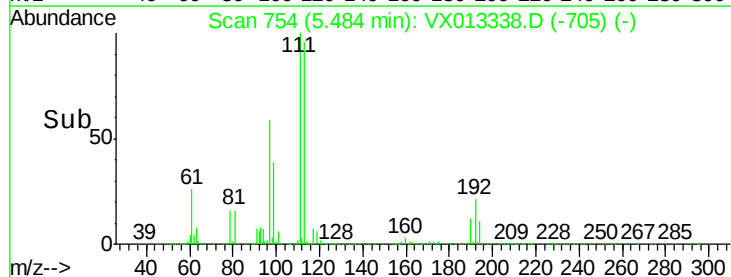
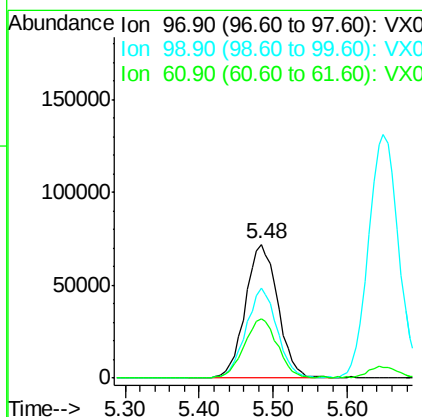
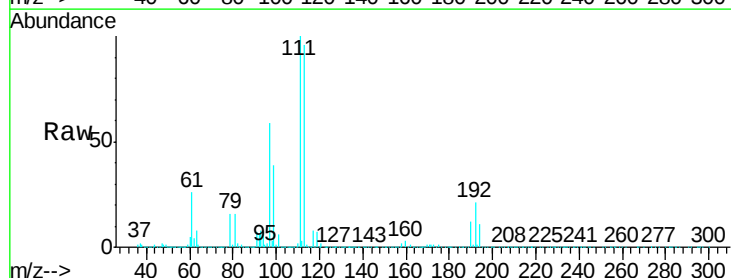
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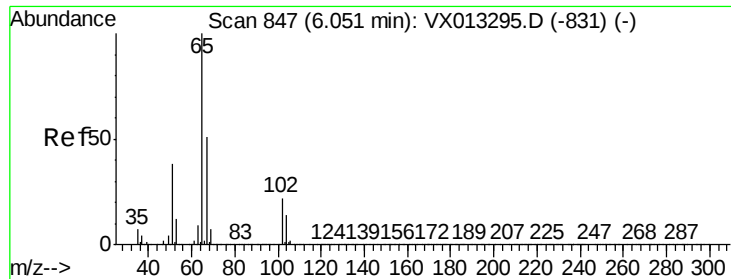
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#32
1,1,1-Trichloroethane
Concen: 19.854 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	45.6	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 48.216 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 65 Resp: 414474

Ion Ratio Lower Upper

65 100

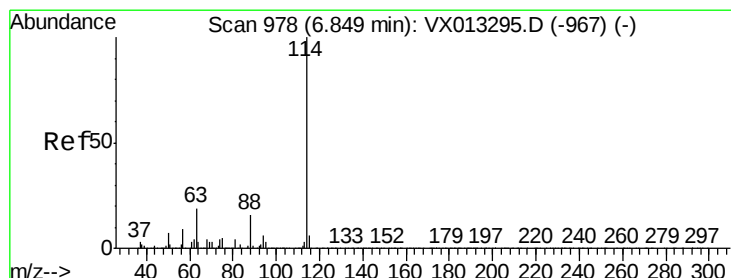
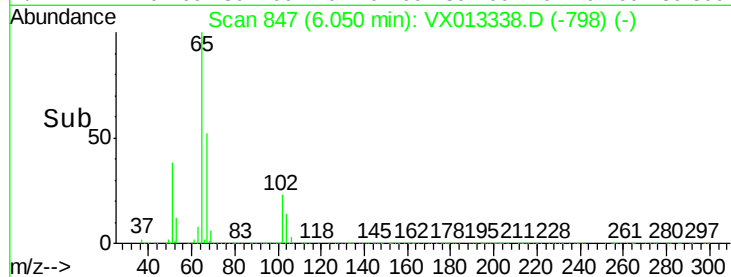
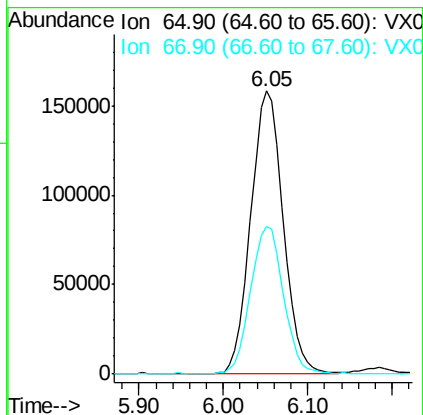
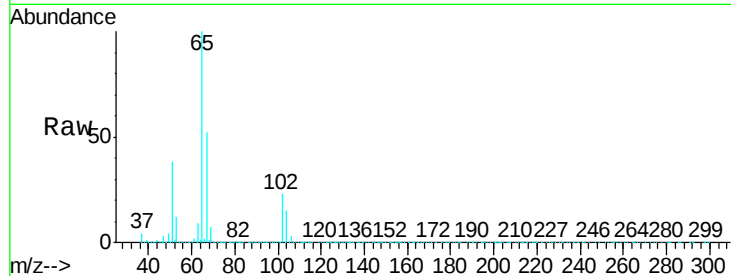
67 52.6 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

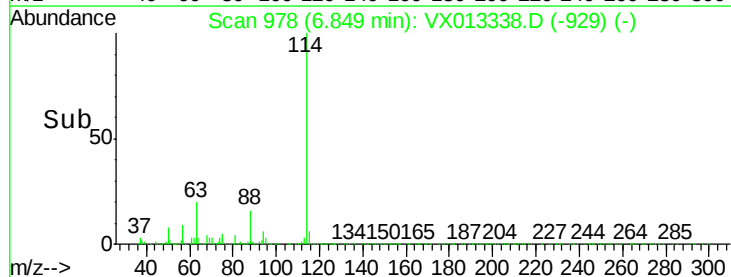
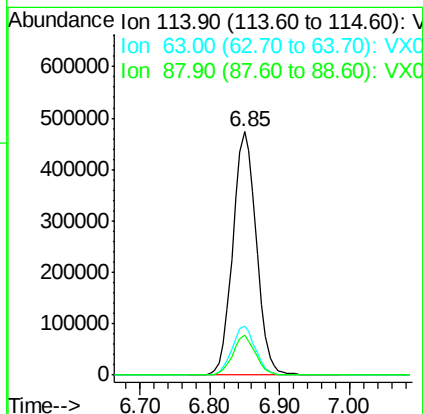
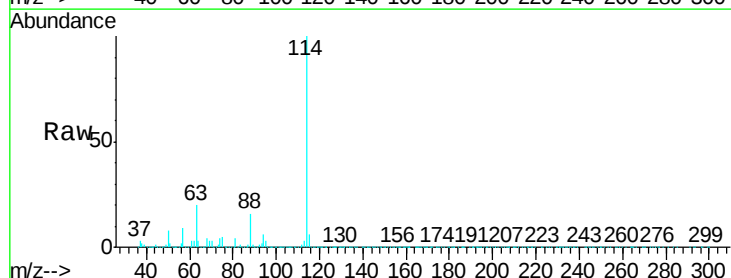
Tgt Ion: 114 Resp: 1105554

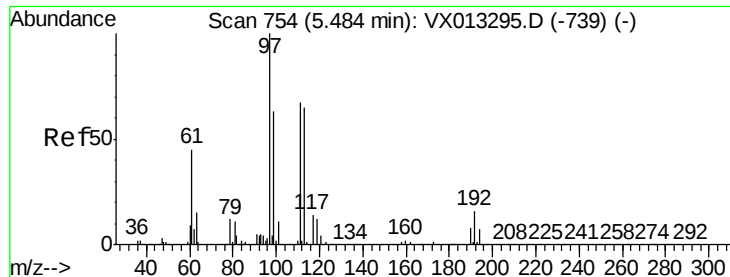
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.443 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

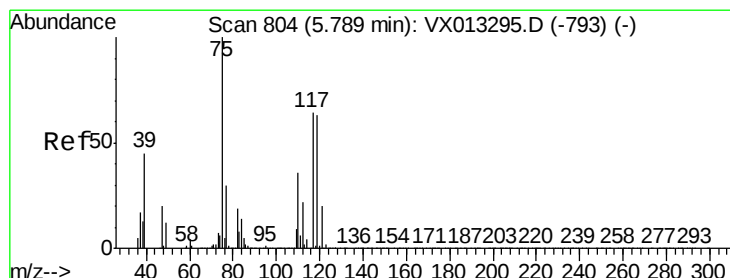
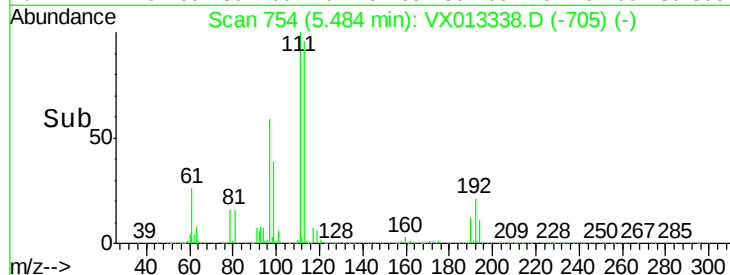
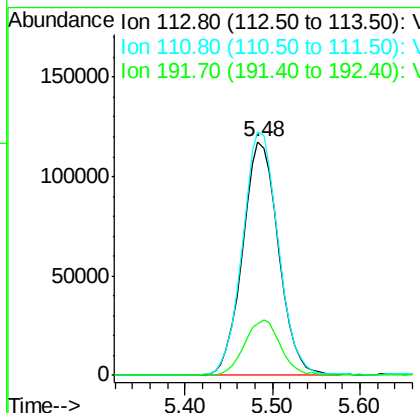
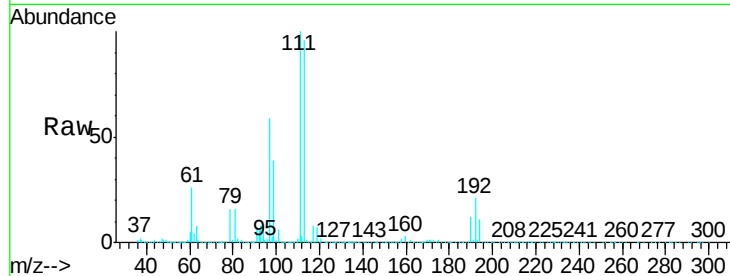
ClientSampleId :

VX1106WBSD01

Tgt Ion:	113	Resp:	335909
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.9	122.9
192	23.9	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 19.680 ug/l

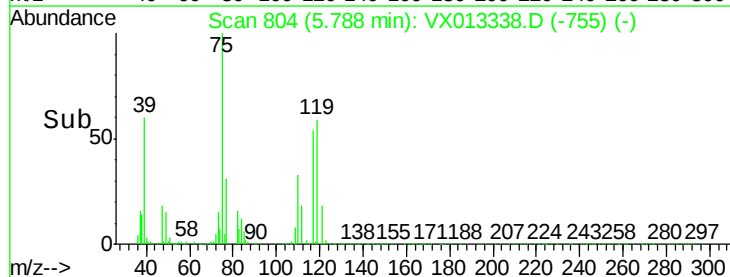
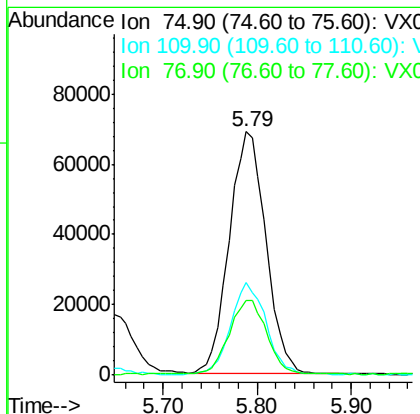
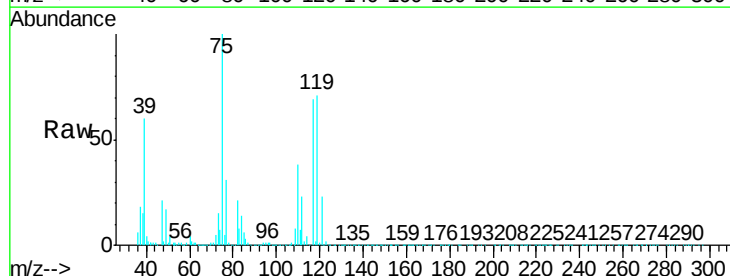
RT: 5.79 min Scan# 804

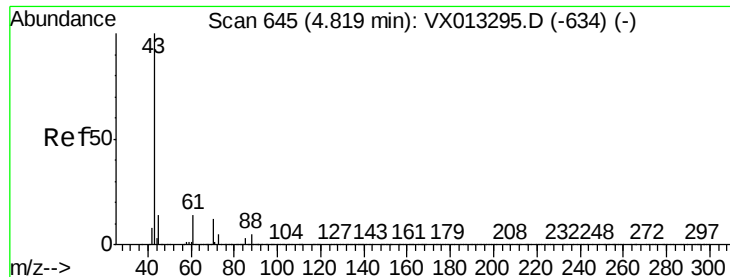
Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	75	Resp:	186649
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.1
77	31.4	25.0	37.4





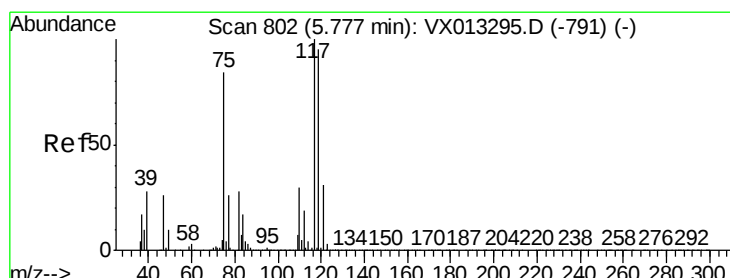
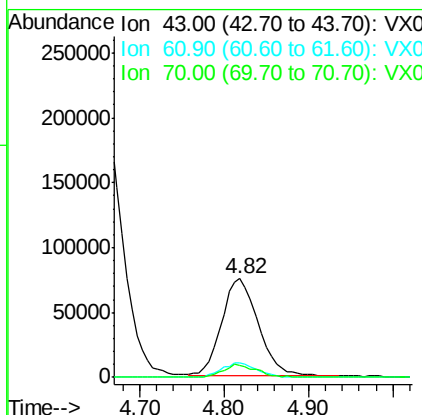
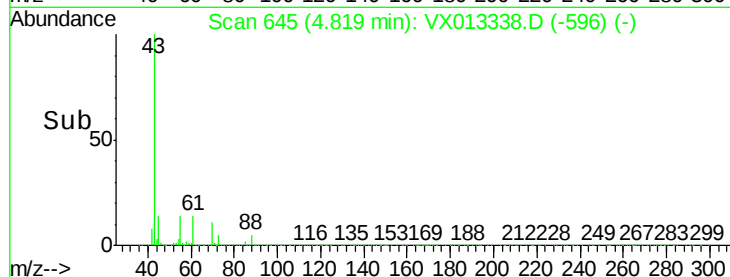
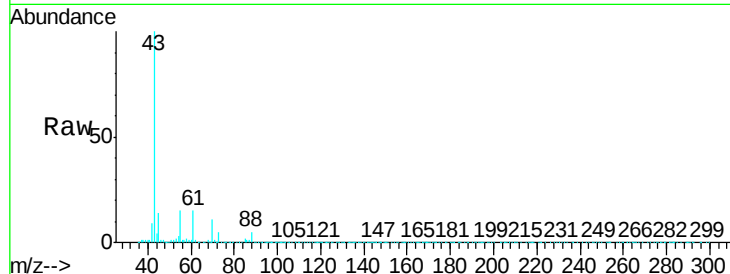
#37
Ethyl Acetate
Concen: 19.158 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	12.1	8.7	13.1

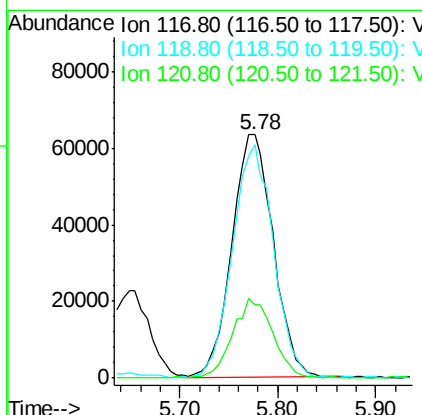
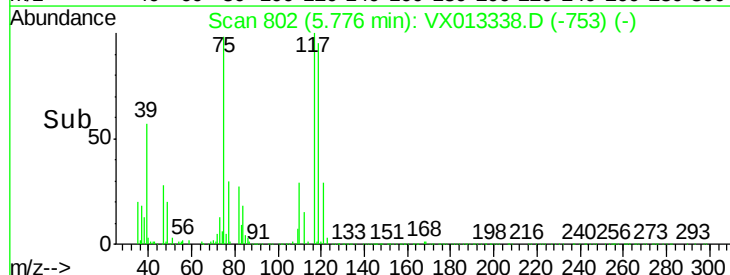
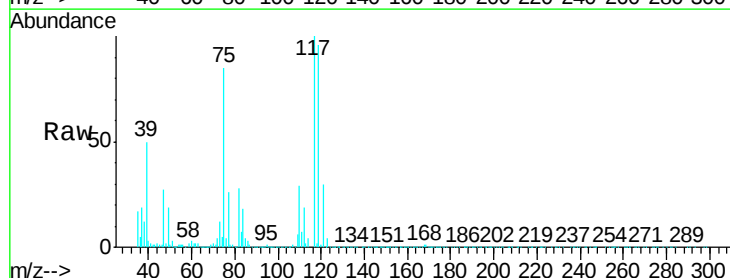
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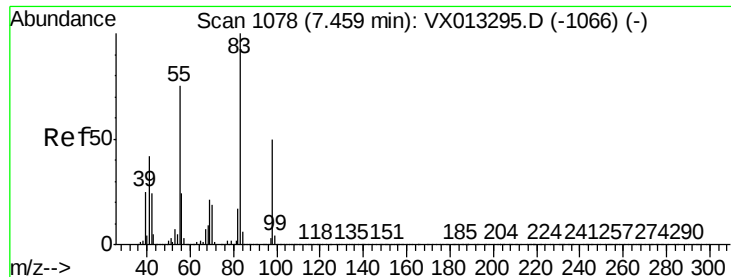
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#38
Carbon Tetrachloride
Concen: 19.970 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
121	29.8	24.6	37.0





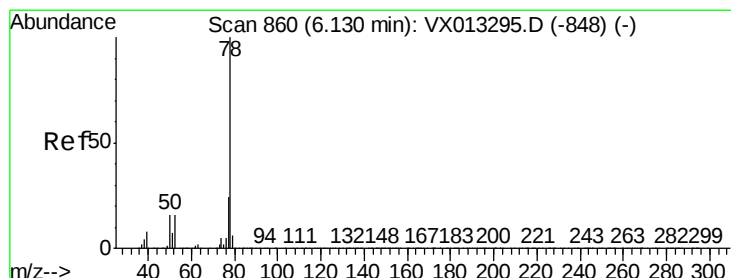
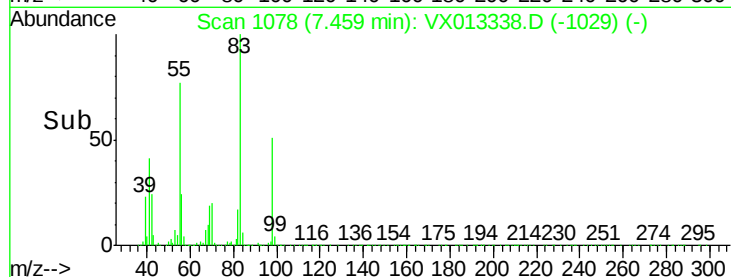
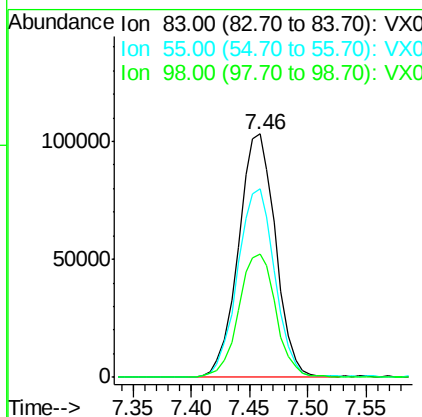
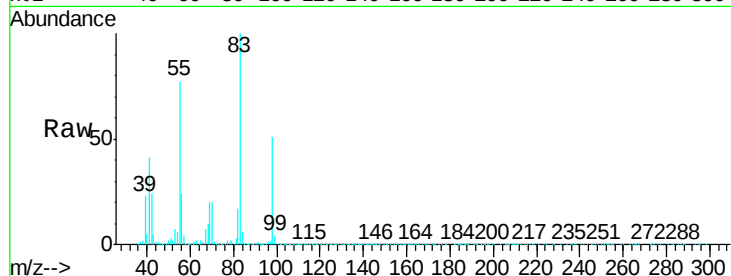
#39
Methylcyclohexane
Concen: 19.273 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.3	90.5
98	50.9	40.3	60.5

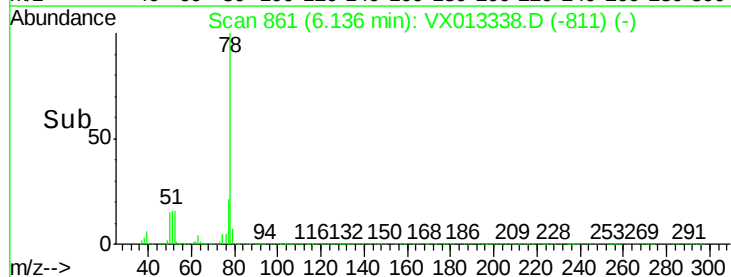
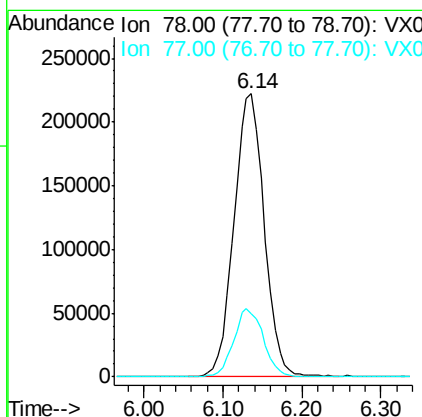
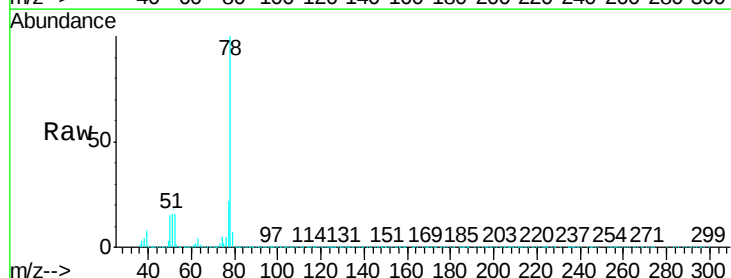
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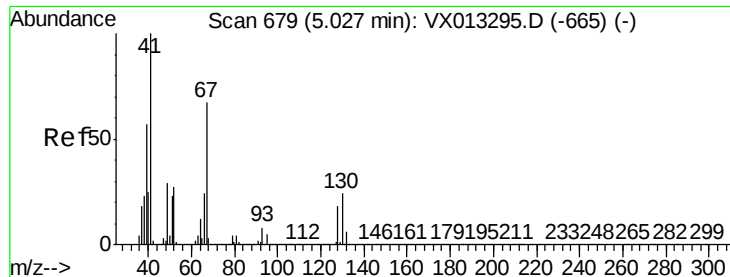
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#40
Benzene
Concen: 20.006 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.5	29.3





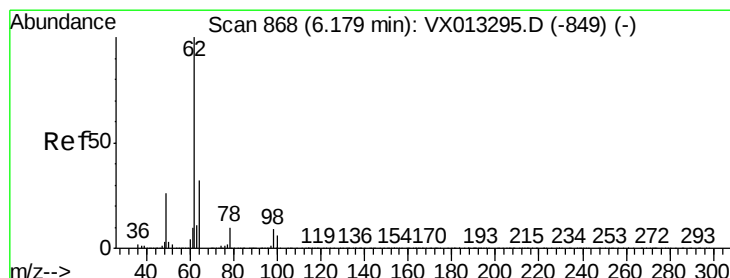
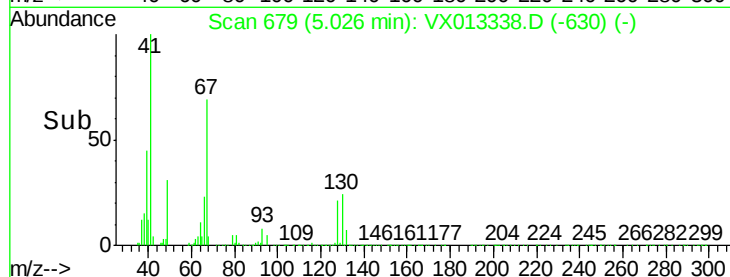
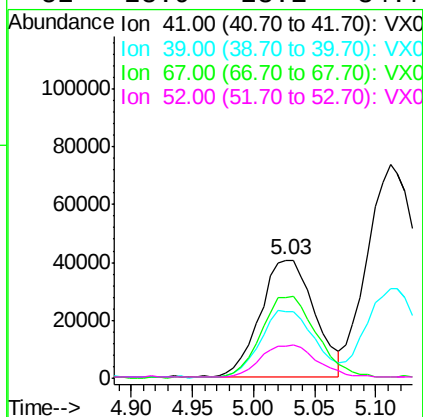
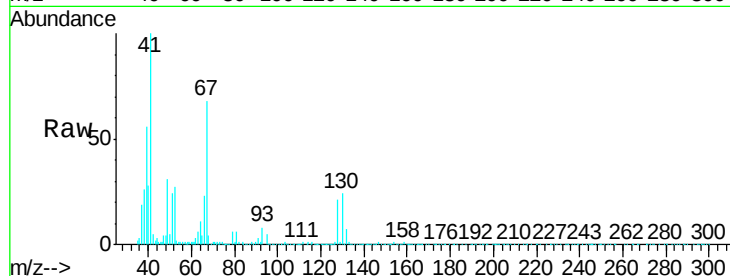
#41
Methacrylonitrile
Concen: 19.117 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.0	67.6
67	70.1	55.4	83.2
52	28.9	23.1	34.7

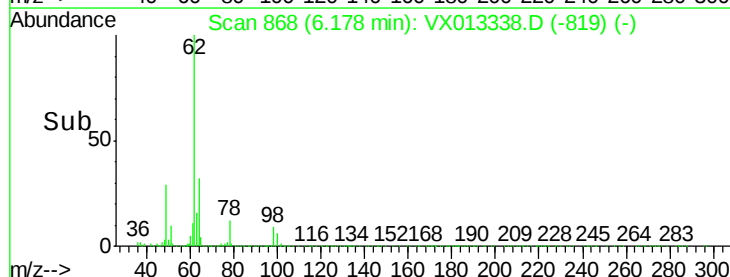
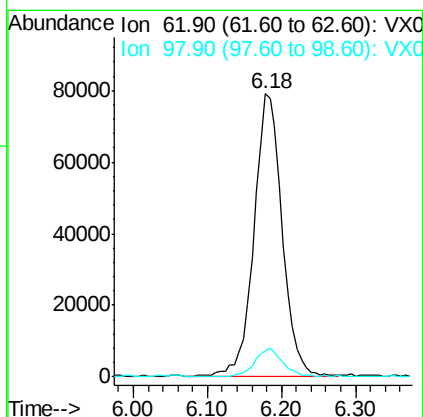
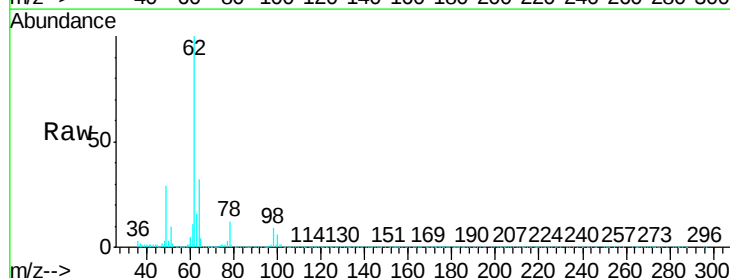
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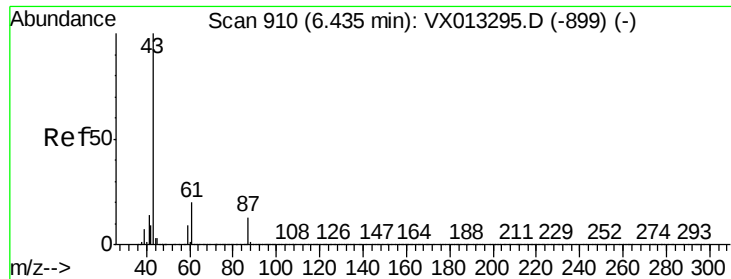
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#42
1,2-Dichloroethane
Concen: 19.565 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.774 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

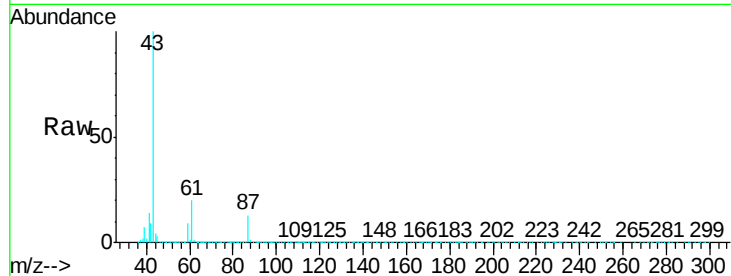
ClientSampleId :

VX1106WBSD01

Tgt Ion:	43	Resp:	360855
Ion Ratio		Lower	Upper
43	100		
61	19.4	15.8	23.8
87	13.7	10.4	15.6

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Abundance Ion 43.00 (42.70 to 43.70): VX013295.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX013295.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX013295.D (-899) (-)

6.43

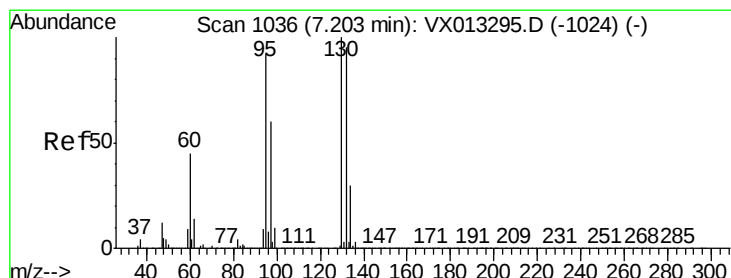
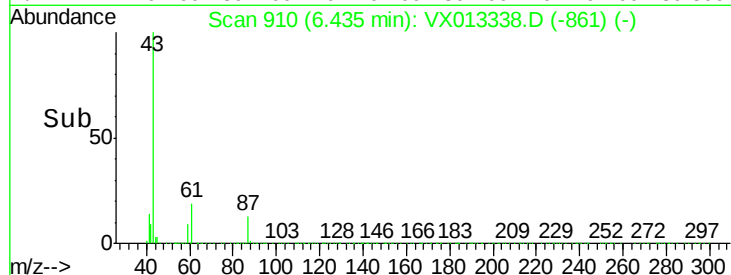
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 19.176 ug/l

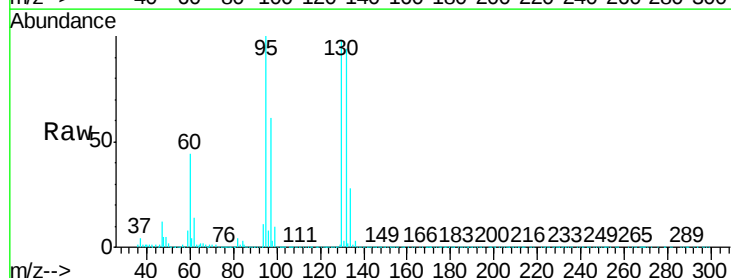
RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	130	Resp:	155944
Ion Ratio		Lower	Upper
130	100		
95	101.5	0.0	184.8



Abundance Ion 129.80 (129.50 to 130.50): VX013295.D (-1024) (-)

Ion 94.90 (94.60 to 95.60): VX013295.D (-1024) (-)

7.20

80000

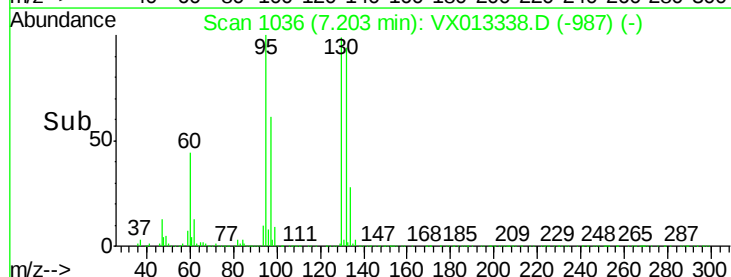
60000

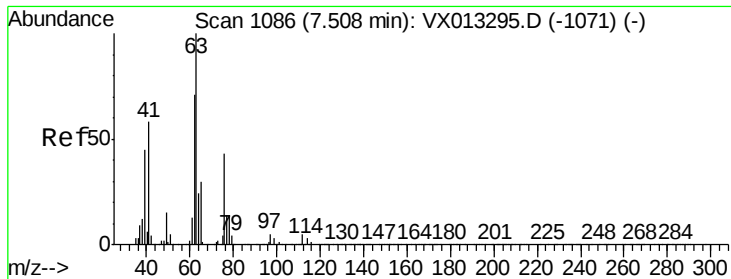
40000

20000

0

Time-->





#45

1,2-Dichloropropane

Concen: 19.996 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 63 Resp: 150520

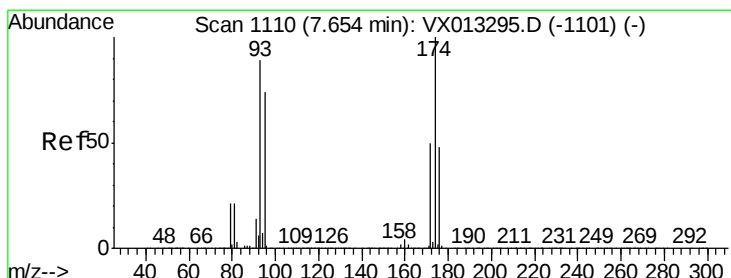
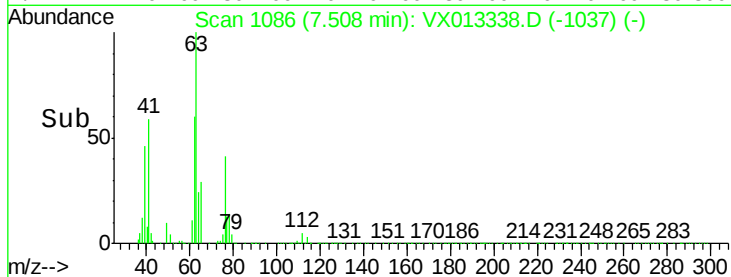
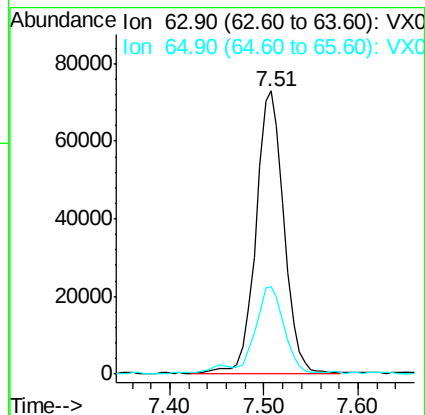
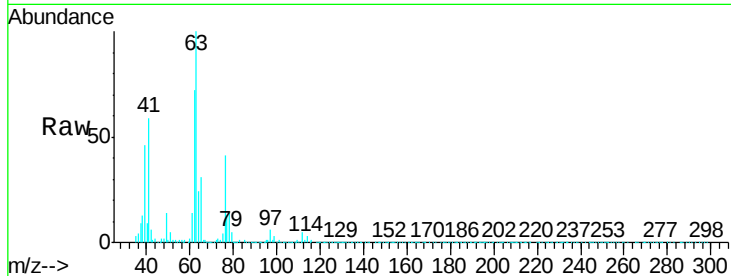
Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5

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#46

Dibromomethane

Concen: 19.134 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

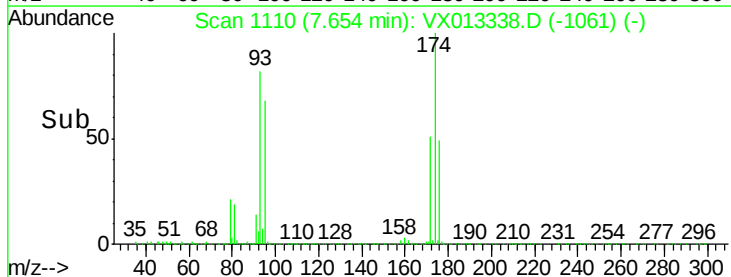
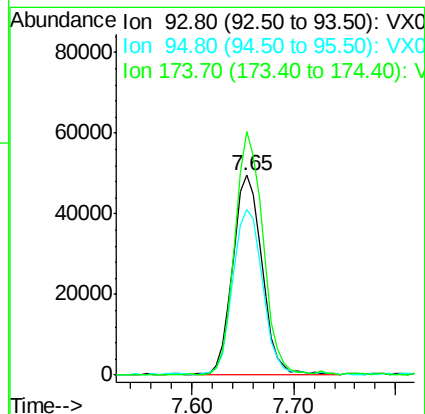
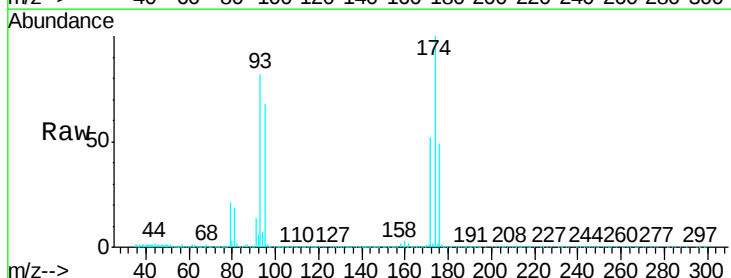
Tgt Ion: 93 Resp: 98342

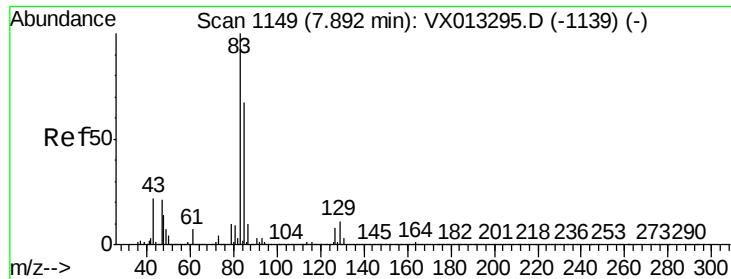
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.6

174 117.0 90.4 135.6





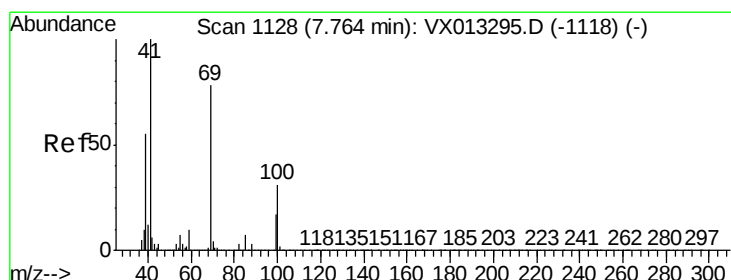
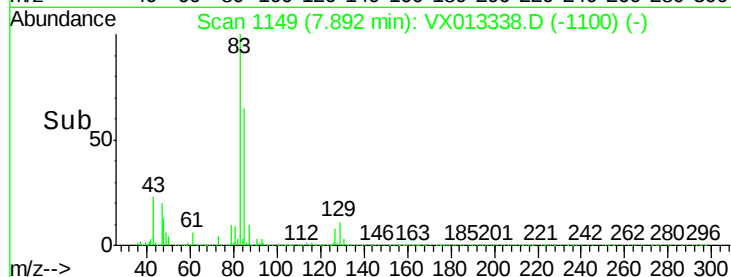
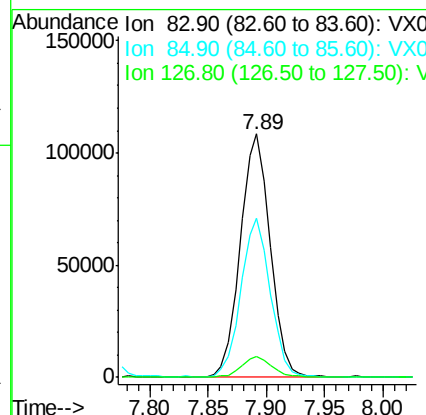
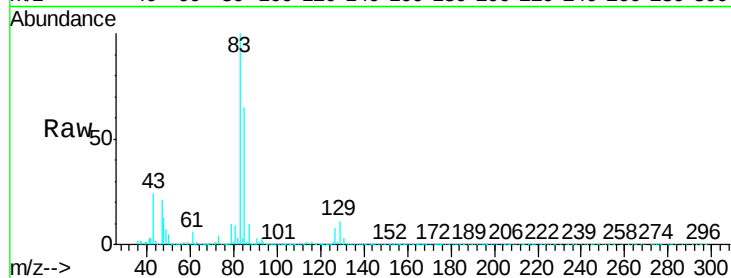
#47
Bromodichloromethane
Concen: 19.974 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	65.2	53.7	80.5
127	8.4	6.4	9.6

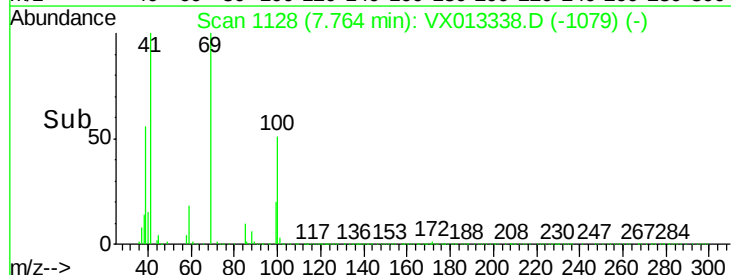
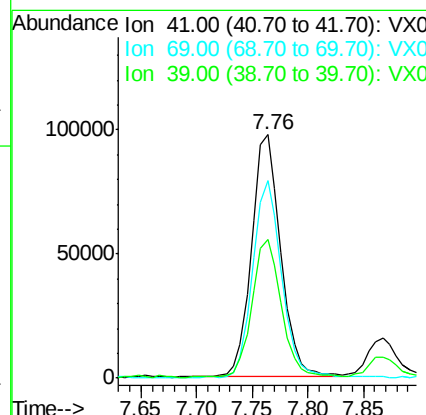
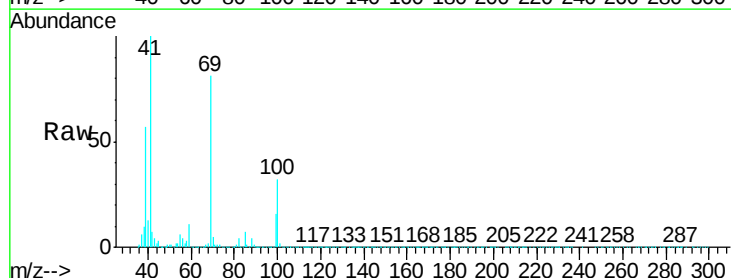
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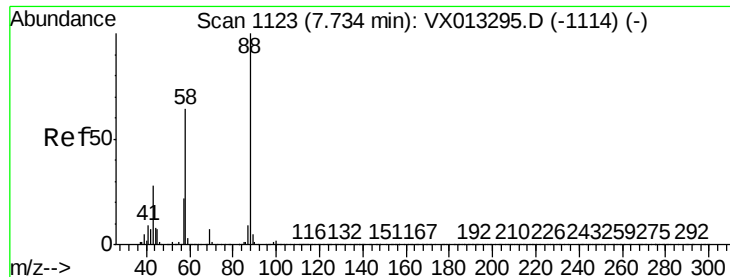
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#48
Methyl methacrylate
Concen: 19.656 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp Lower	Upper
41	100		
69	80.3	63.0	94.6
39	57.9	45.9	68.9





#49

1,4-Dioxane

Concen: 372.132 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

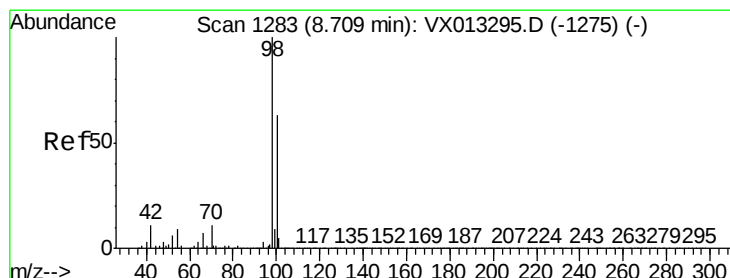
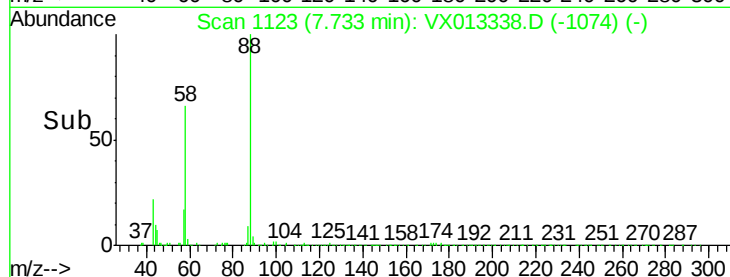
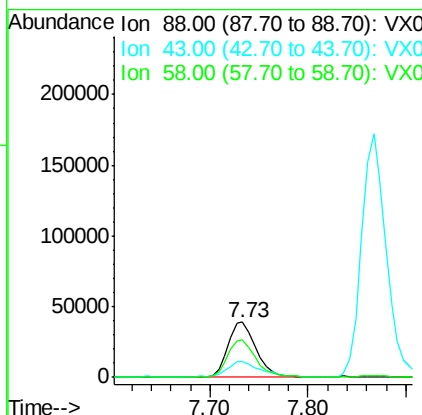
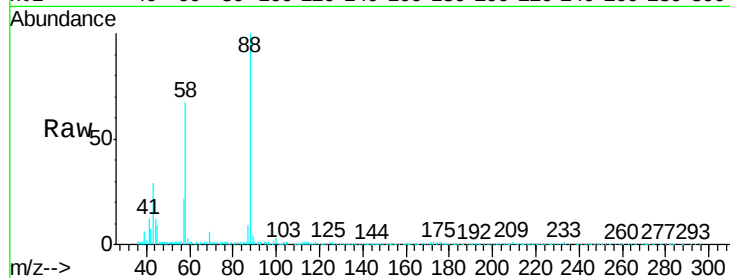
ClientSampleId :

VX1106WBSD01

Tgt Ion:	88	Resp:	77634
Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.6	39.8
58	70.2	55.0	82.6

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#50

Toluene-d8

Concen: 49.604 ug/l

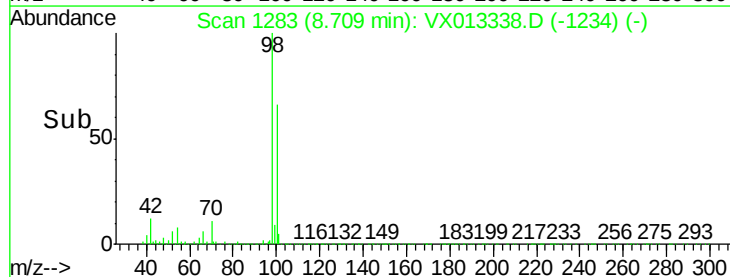
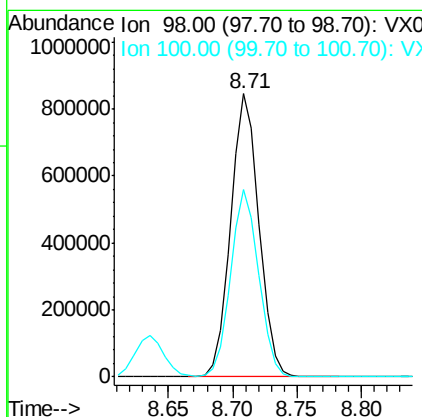
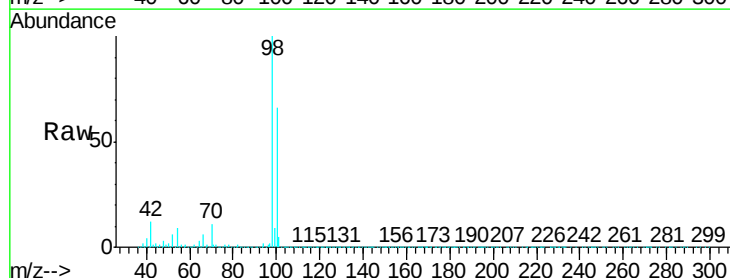
RT: 8.71 min Scan# 1283

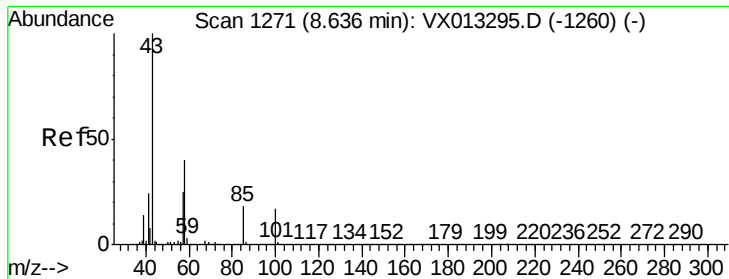
Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	98	Resp:	1296705
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





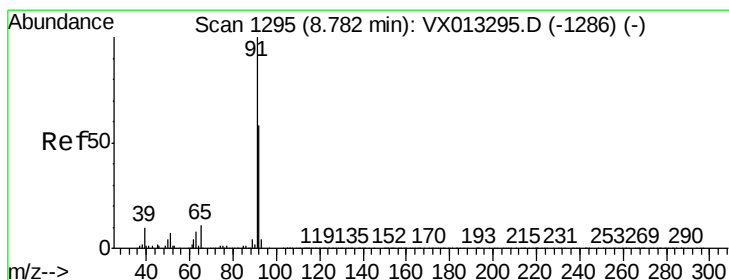
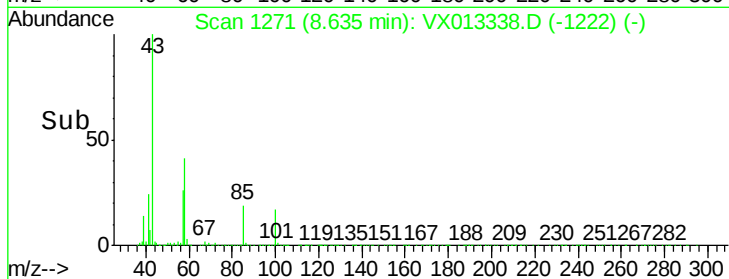
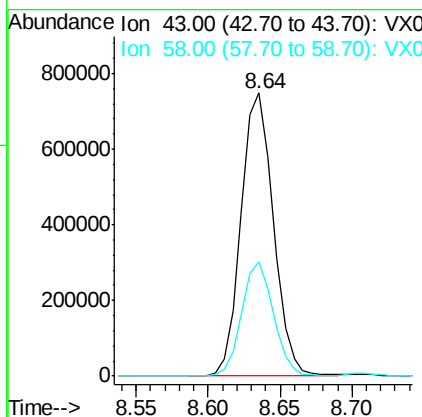
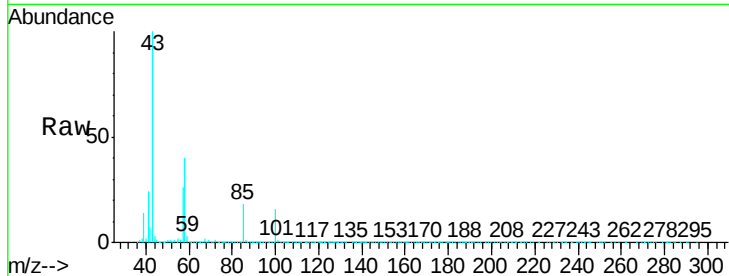
#51
 4-Methyl-2-Pentanone
 Concen: 97.506 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tgt Ion: 43 Resp: 1167448
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.4 47.0

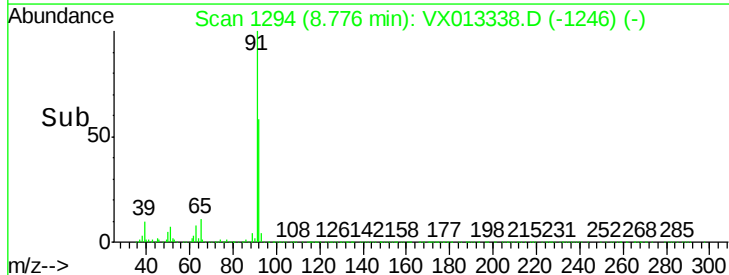
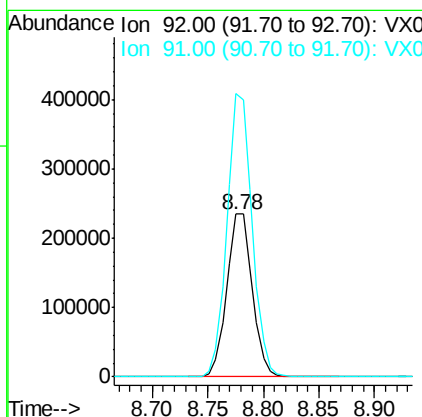
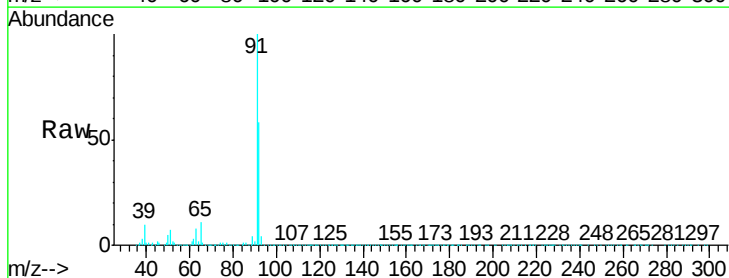
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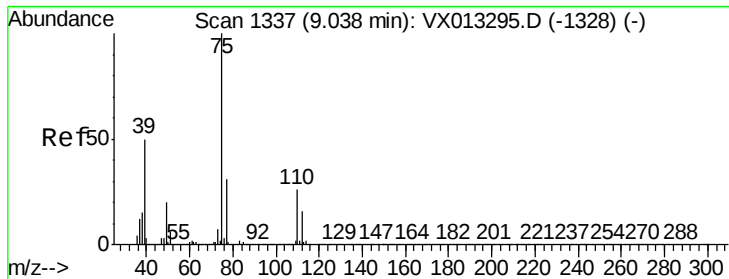
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#52
 Toluene
 Concen: 20.292 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Tgt Ion: 92 Resp: 371556
 Ion Ratio Lower Upper
 92 100
 91 171.0 138.0 207.0





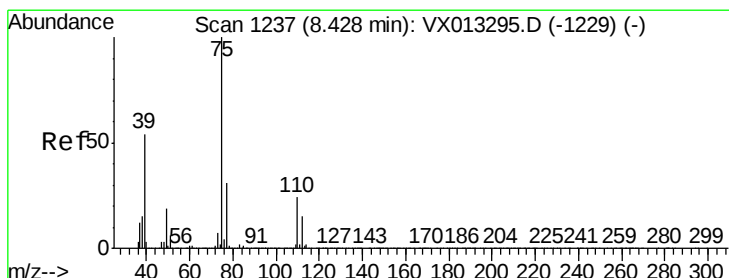
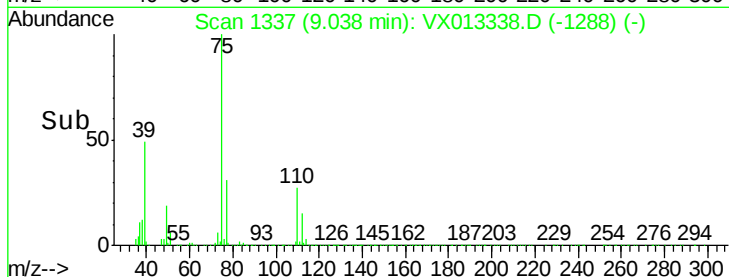
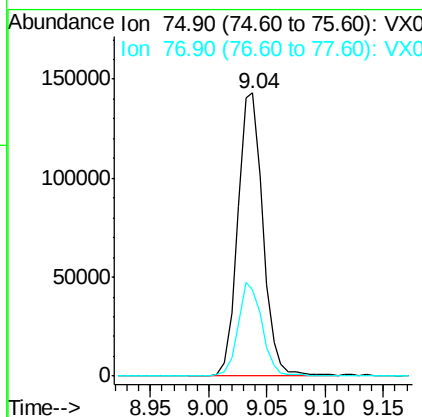
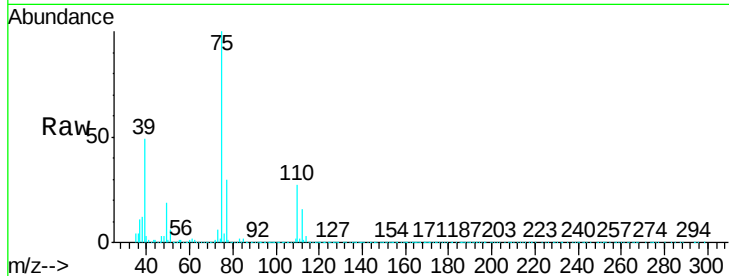
#53
t-1,3-Dichloropropene
Concen: 20.240 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion: 75 Resp: 214497
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.4

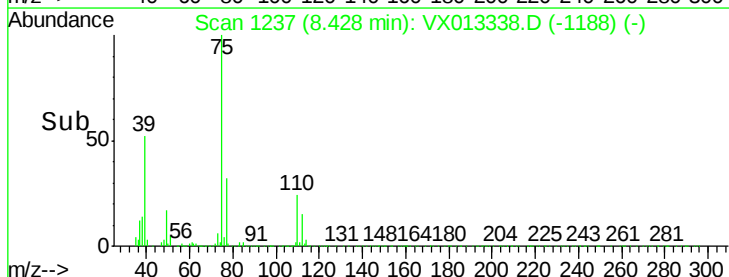
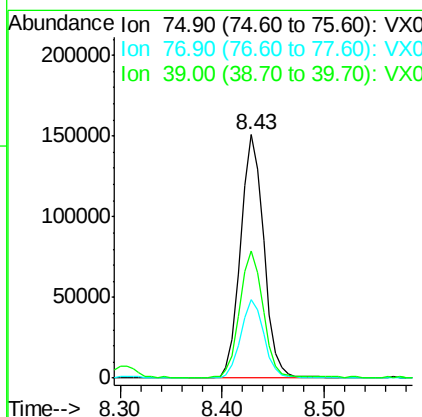
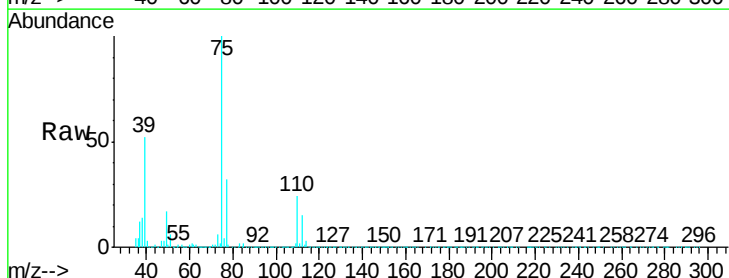
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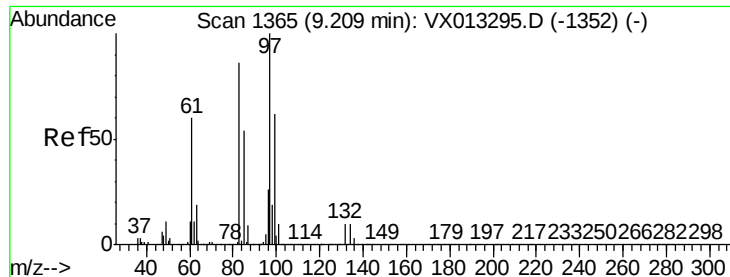
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#54
cis-1,3-Dichloropropene
Concen: 19.991 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion: 75 Resp: 236984
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 51.9 43.0 64.6





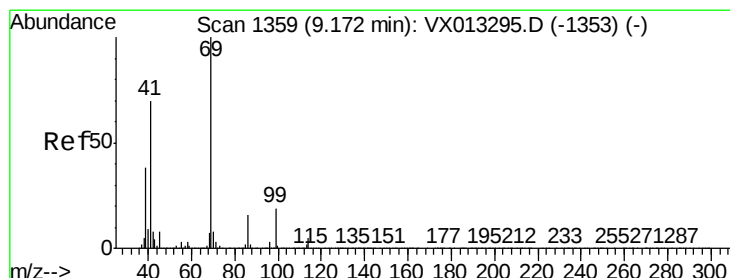
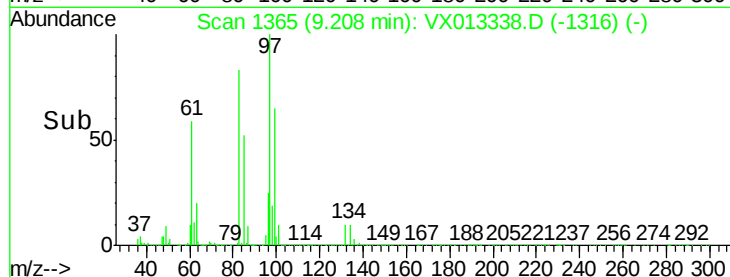
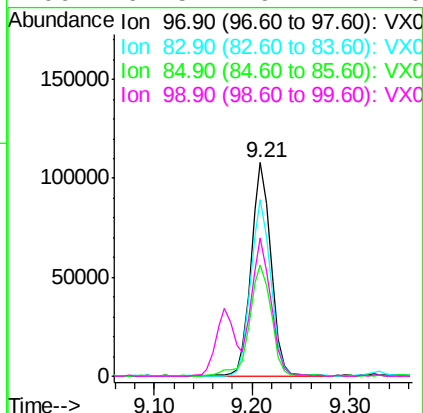
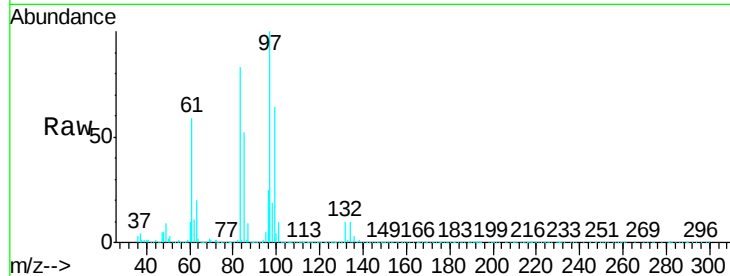
#55
 1,1,2-Trichloroethane
 Concen: 20.101 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	152558		
83	82.9	68.6	103.0	
85	51.9	43.1	64.7	
99	64.5	49.4	74.0	

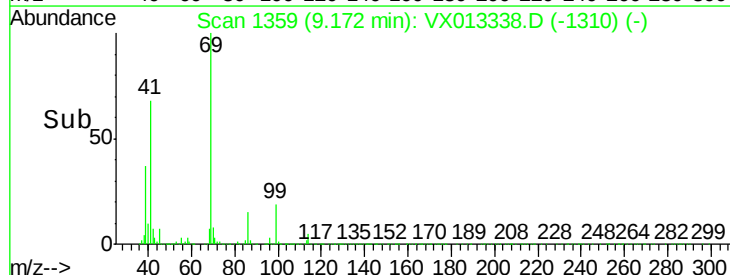
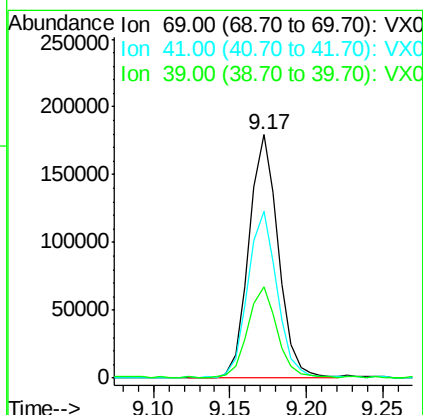
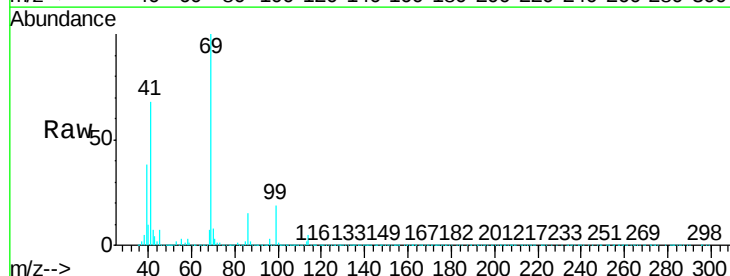
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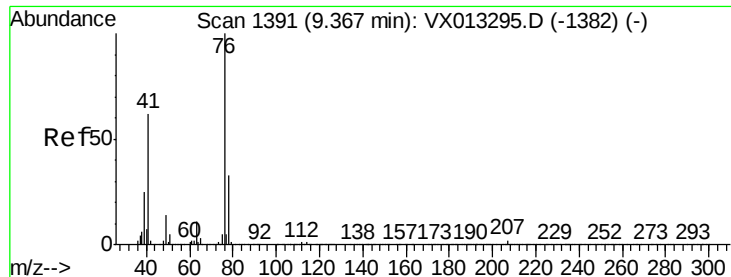
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#56
 Ethyl methacrylate
 Concen: 19.484 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	239702		
41	67.9	56.2	84.2	
39	37.1	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 19.691 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 76 Resp: 253696

Ion Ratio Lower Upper

76 100

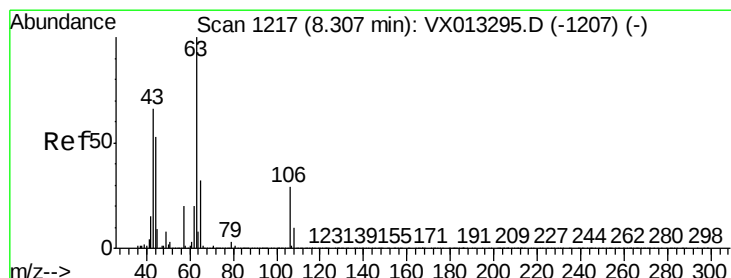
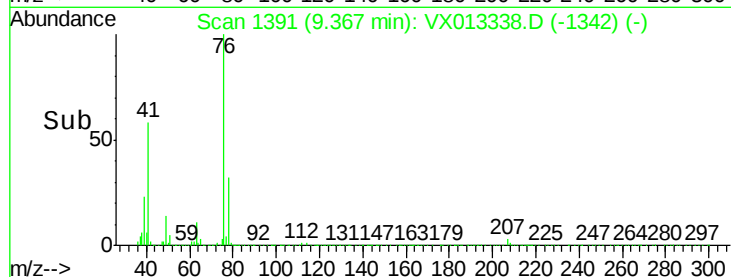
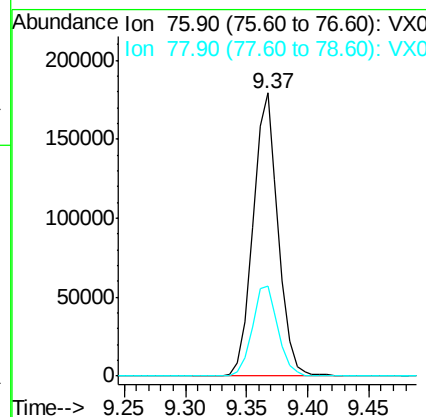
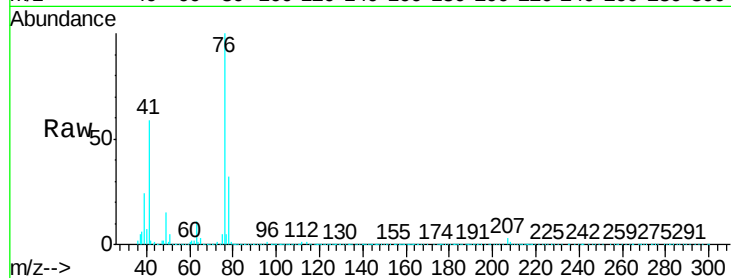
78 32.9 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 97.361 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013338.D

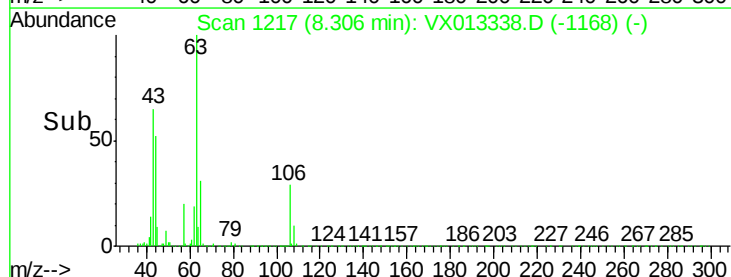
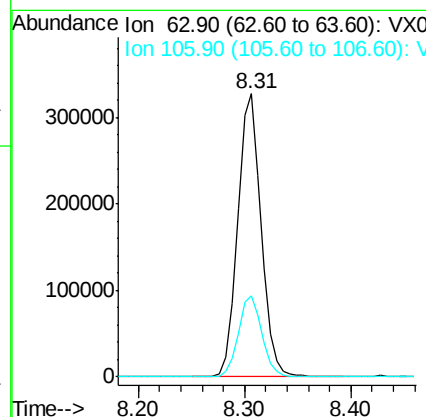
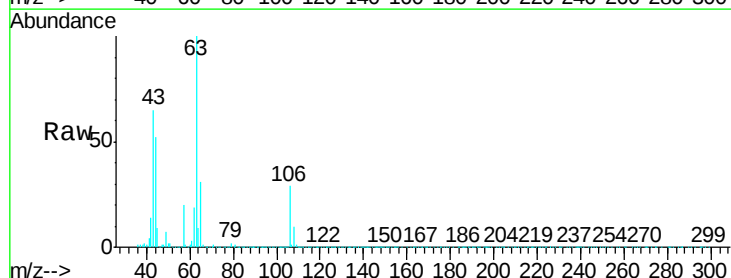
Acq: 06 Nov 2019 12:41

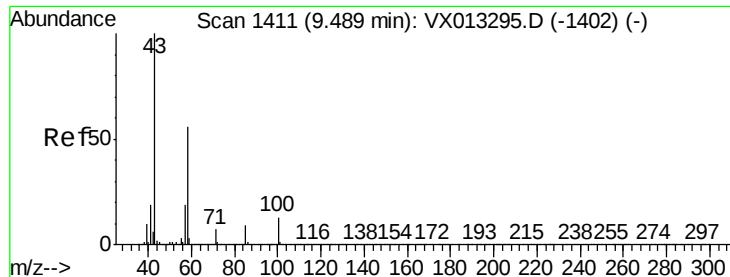
Tgt Ion: 63 Resp: 505243

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2





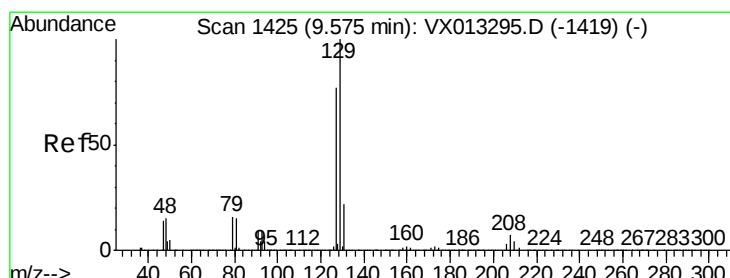
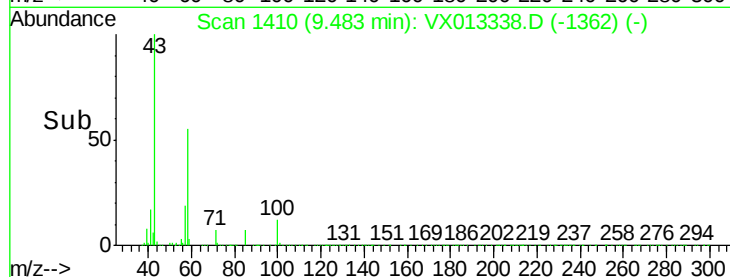
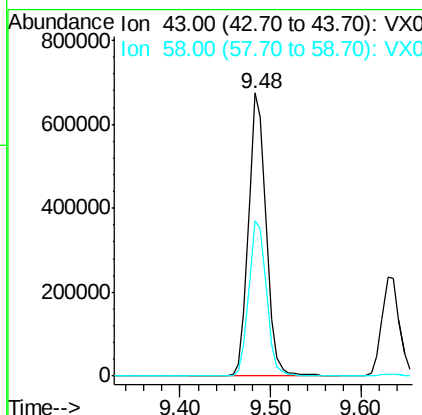
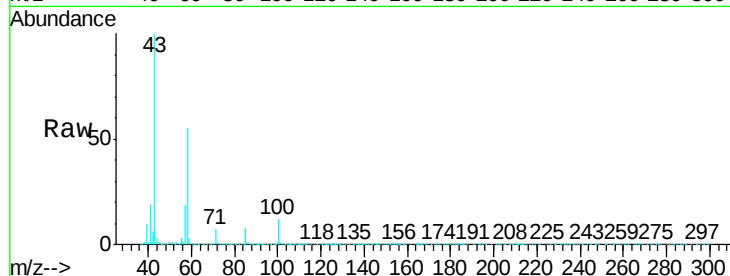
#59
2-Hexanone
Concen: 98.151 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.7	27.3	81.8

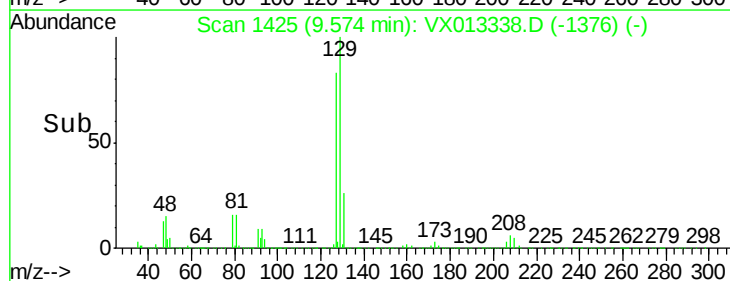
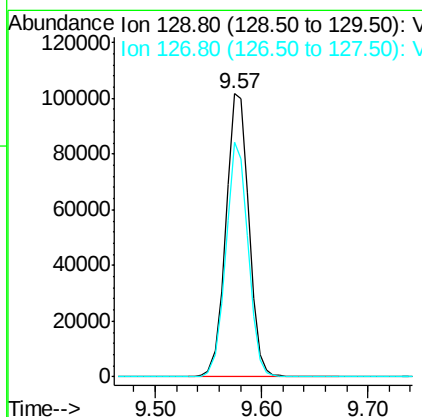
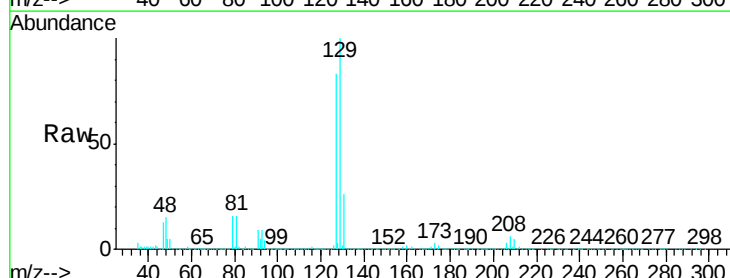
Manual Integrations
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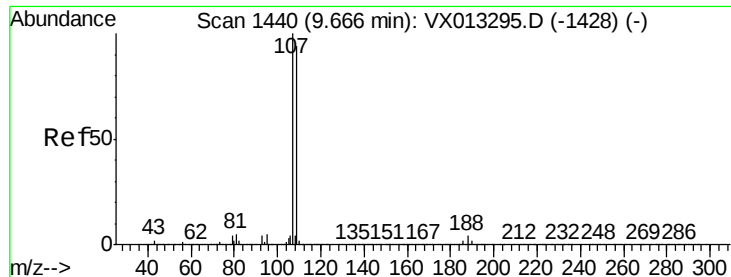
MMDadoda
11/7/2019 9:17:11 AM



#60
Dibromochloromethane
Concen: 19.914 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.2





#61

1,2-Dibromoethane

Concen: 19.752 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 107 Resp: 159189

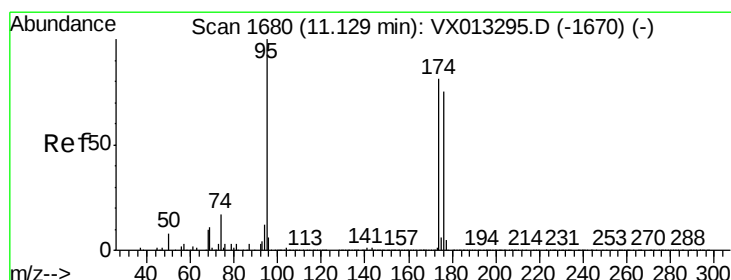
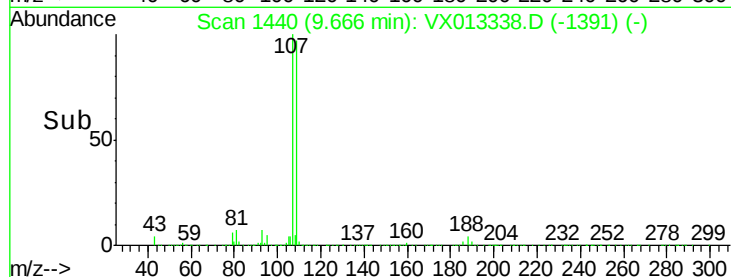
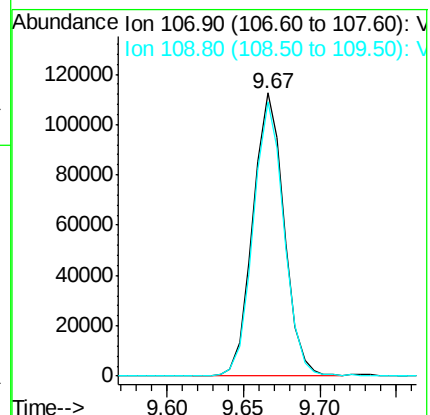
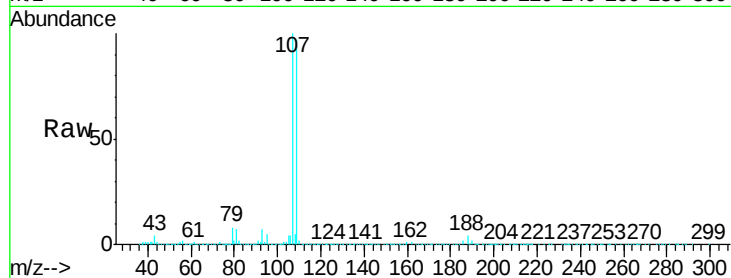
Ion Ratio Lower Upper

107 100

109 95.4 75.1 112.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.685 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

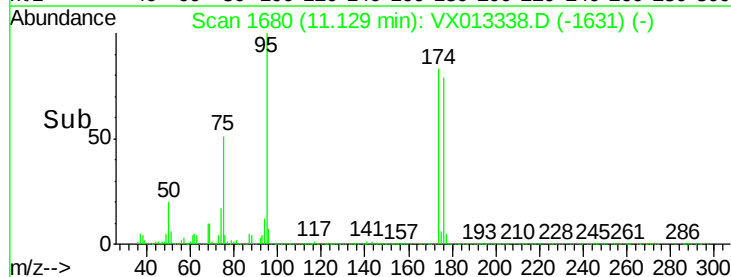
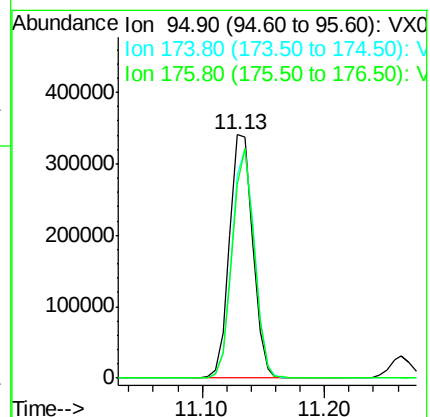
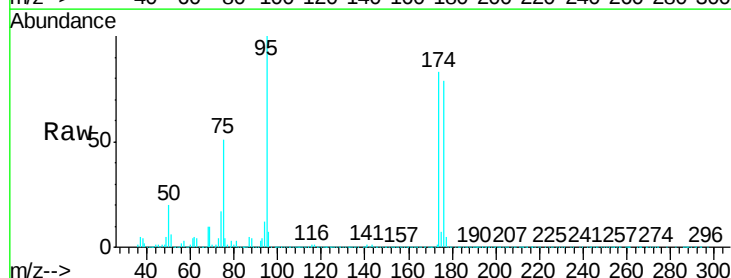
Tgt Ion: 95 Resp: 449879

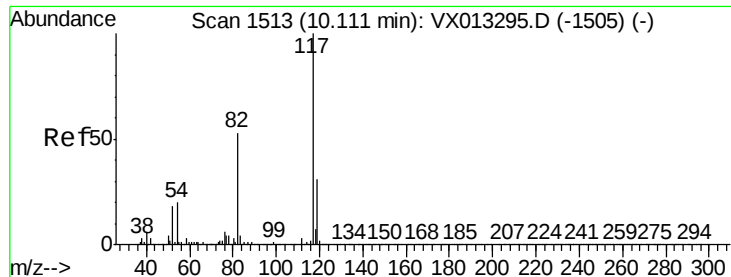
Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.8

176 88.0 0.0 173.0





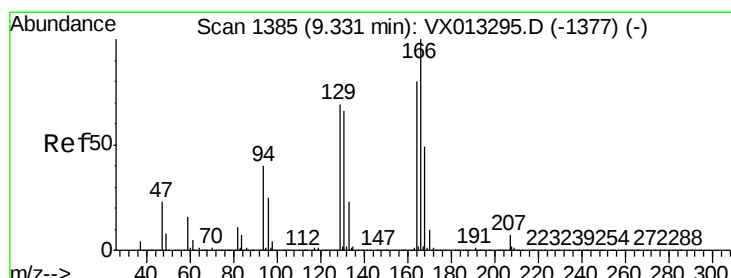
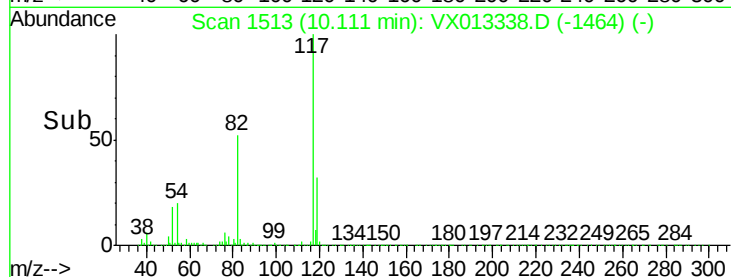
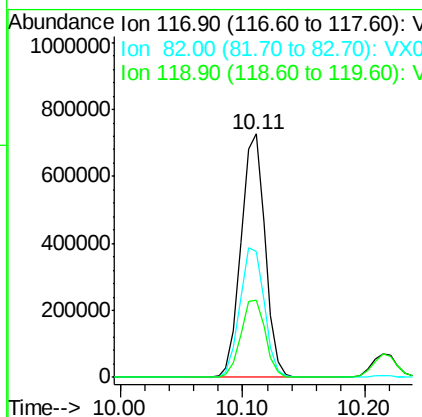
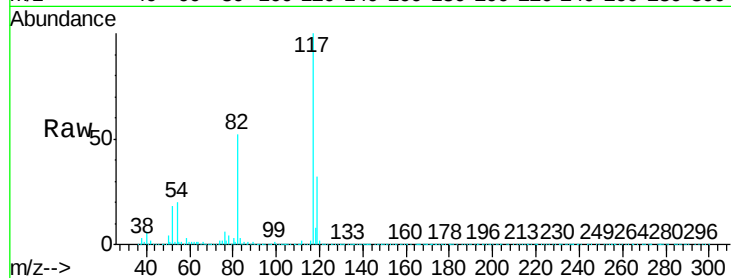
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	51.9	42.6	64.0
119	31.8	24.8	37.2

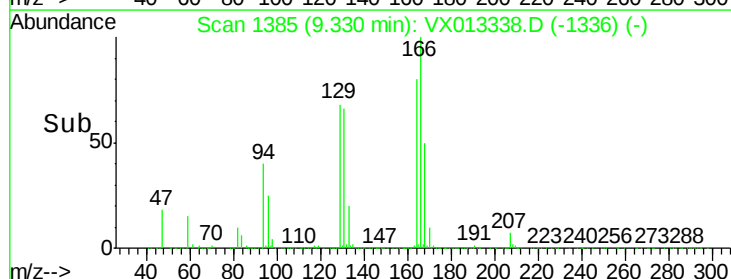
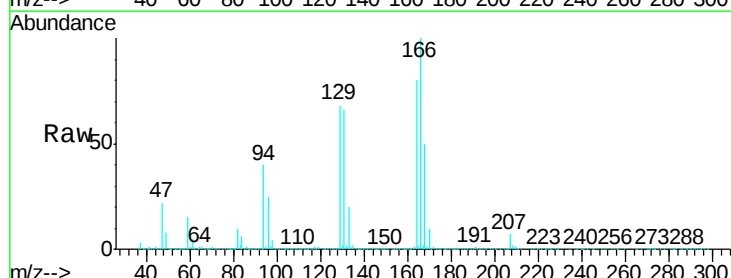
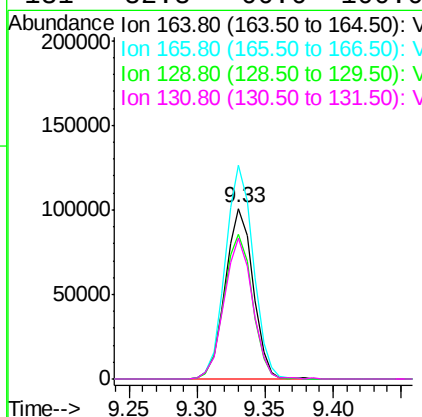
Manual Integrations
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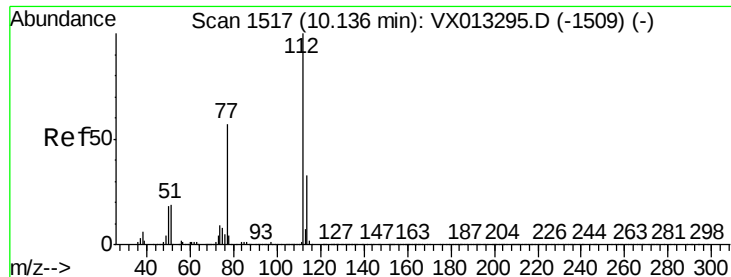
MMDadoda
11/7/2019 9:17:11 AM



#64
Tetrachloroethene
Concen: 20.354 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	125.3	100.4	150.6
129	85.0	69.4	104.2
131	82.8	66.6	100.0





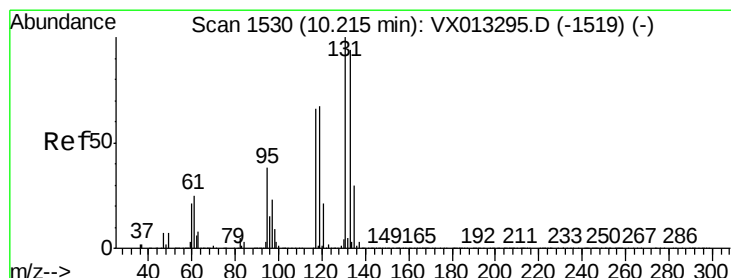
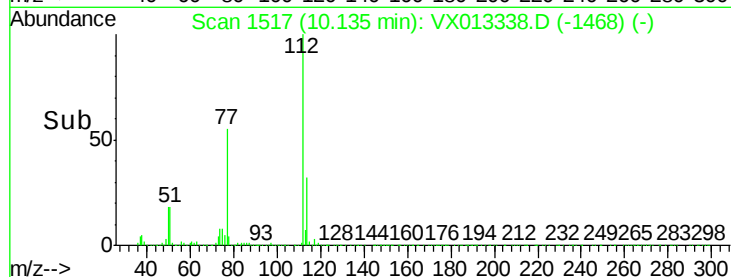
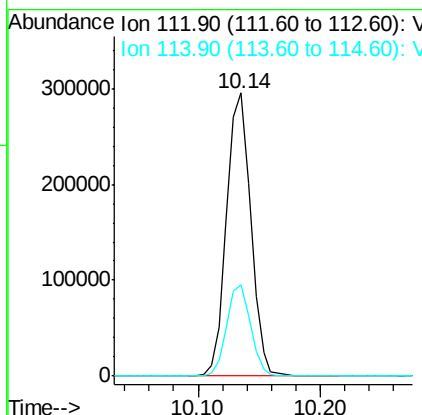
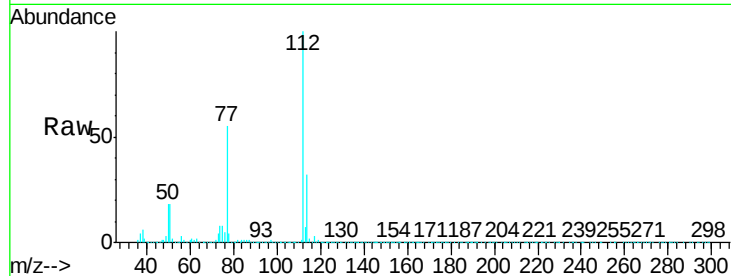
#65
Chlorobenzene
Concen: 20.249 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	404155		
114	32.4	26.4	39.6	

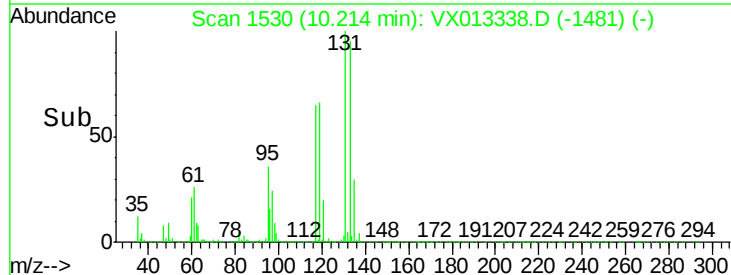
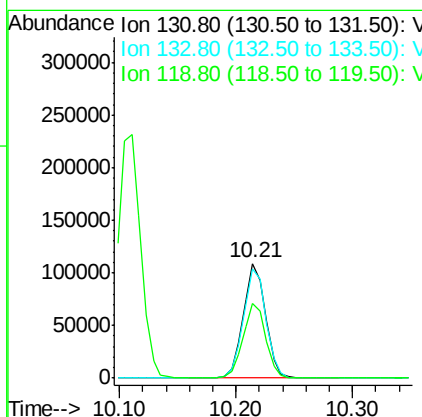
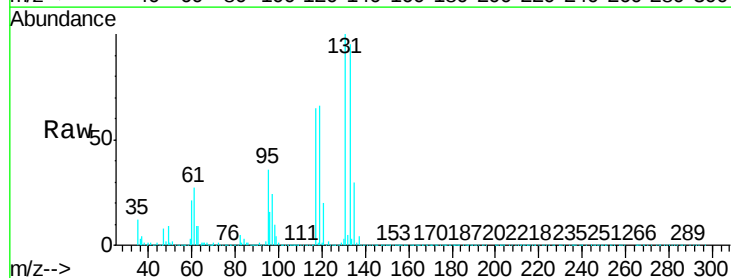
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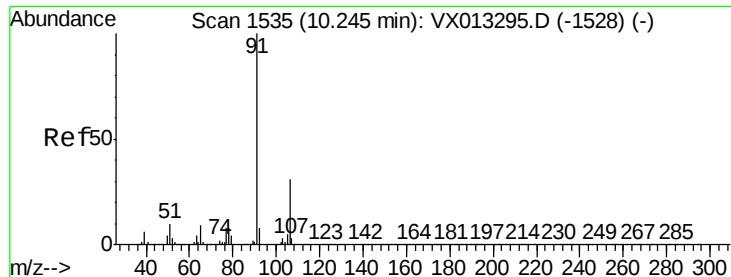
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.005 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	146606		
133	95.9	48.0	144.0	
119	65.6	33.0	99.0	





#67

Ethyl Benzene

Concen: 20.126 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 91 Resp: 693274

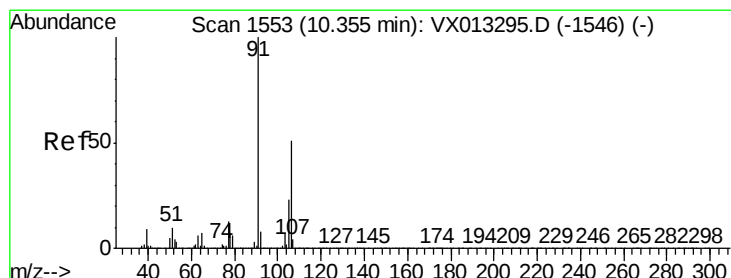
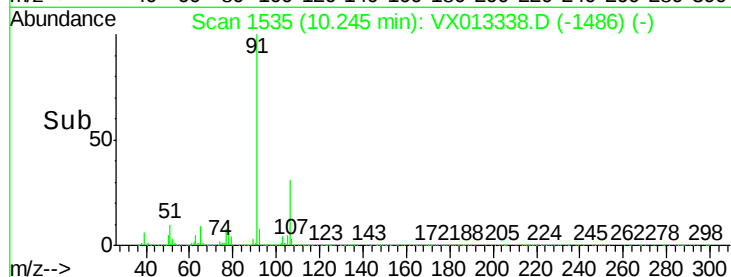
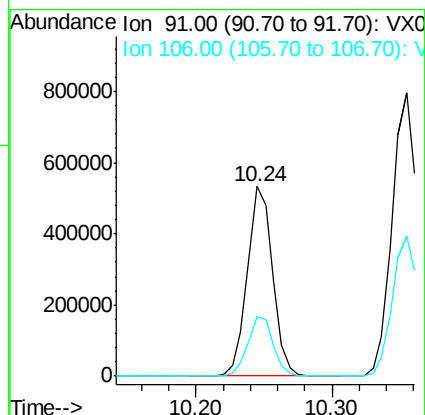
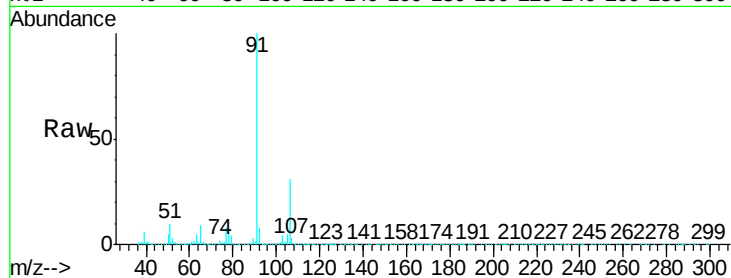
Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 40.404 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013338.D

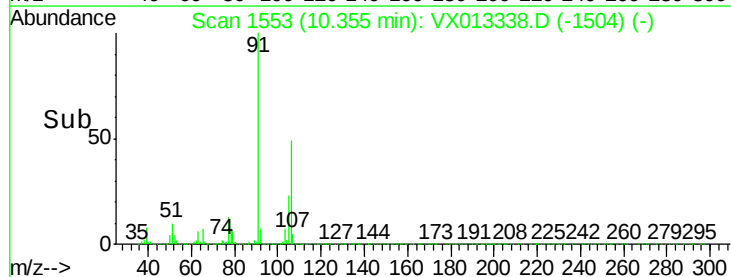
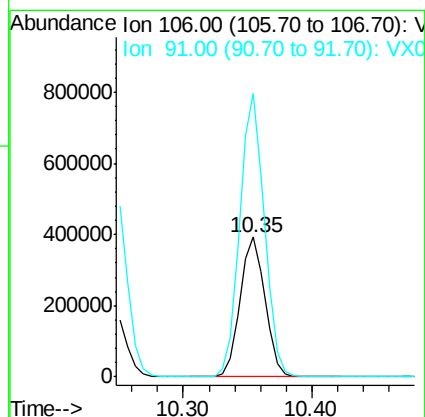
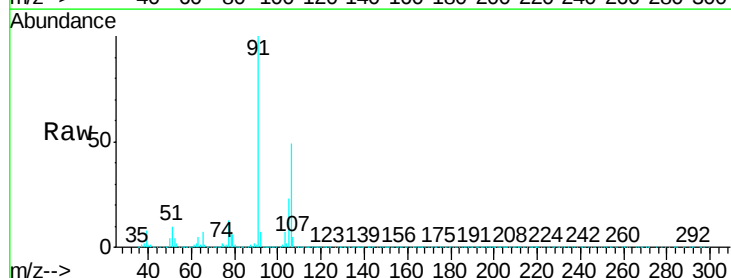
Acq: 06 Nov 2019 12:41

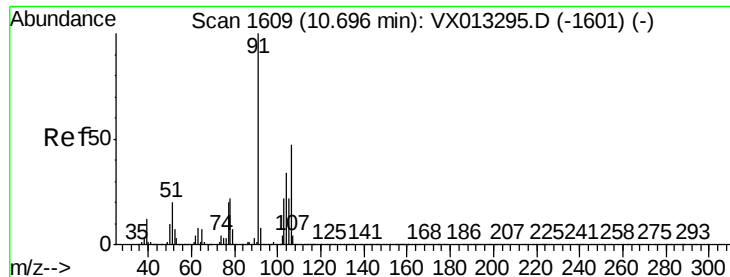
Tgt Ion: 106 Resp: 526375

Ion Ratio Lower Upper

106 100

91 200.1 159.3 238.9





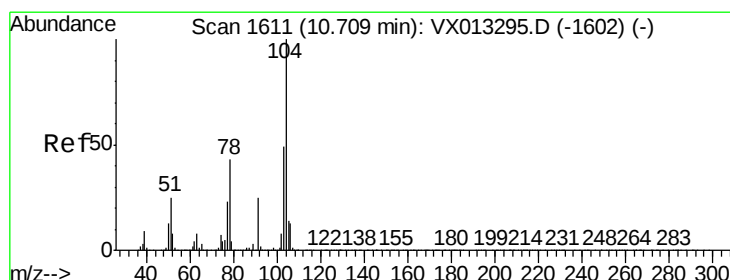
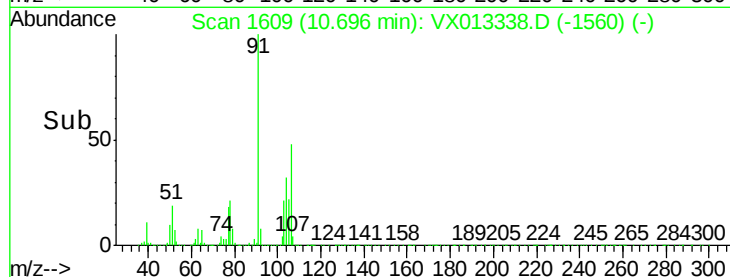
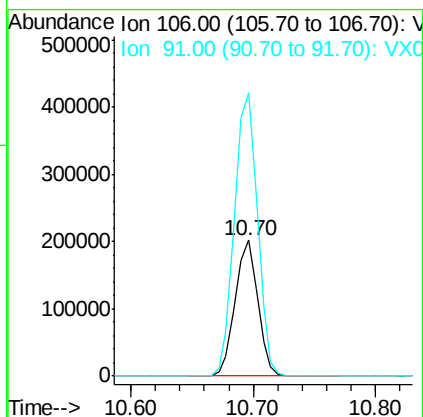
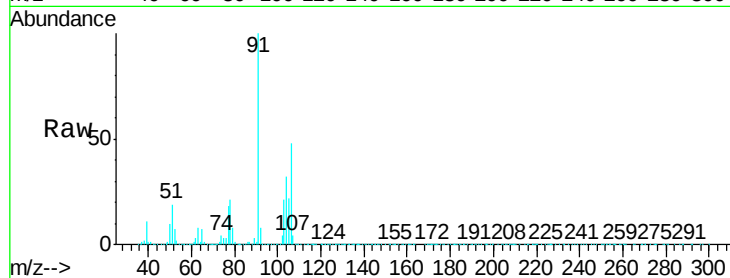
#69
o-Xylene
Concen: 20.185 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion:106 Resp: 257454
Ion Ratio Lower Upper
106 100
91 212.6 105.7 317.0

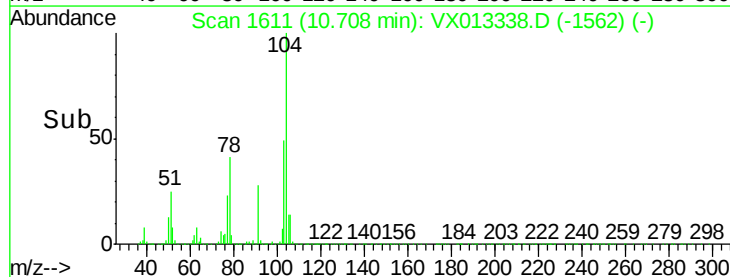
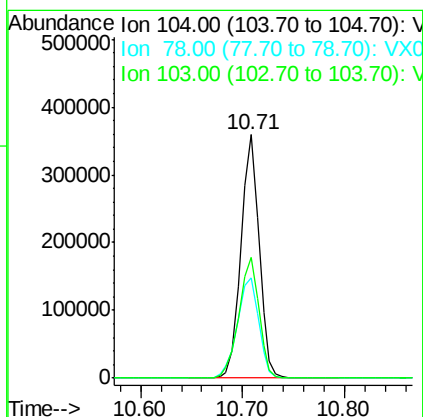
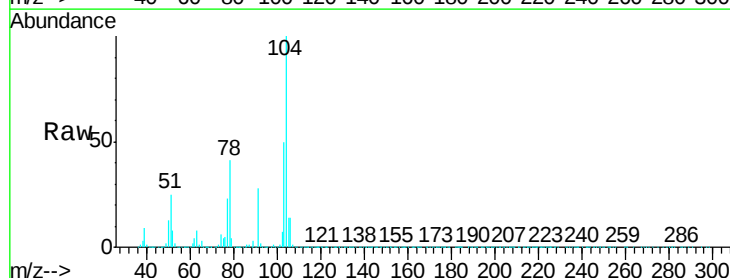
Manual Integrations
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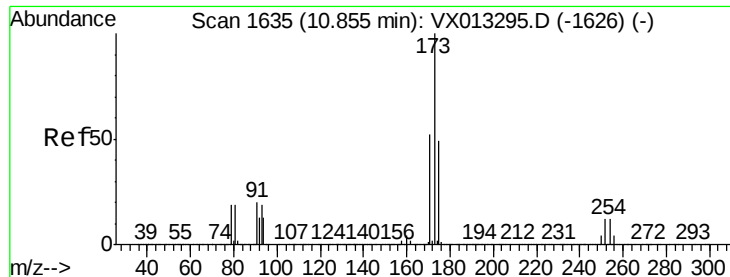
MMDadoda
11/7/2019 9:17:11 AM



#70
Styrene
Concen: 20.622 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion:104 Resp: 439679
Ion Ratio Lower Upper
104 100
78 48.5 40.0 60.0
103 55.2 44.1 66.1





#71

Bromoform

Concen: 19.716 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion:173 Resp: 119884

Ion Ratio Lower Upper

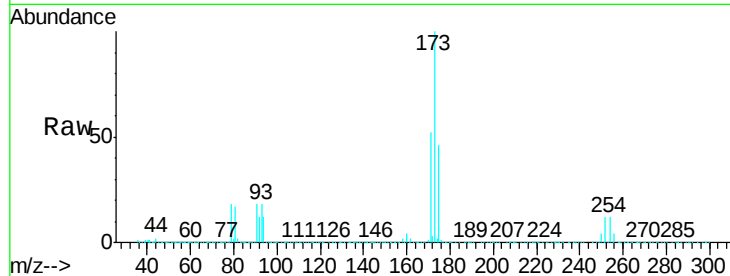
173 100

175 47.4 24.8 74.4

254 0.3 0.2 0.2#

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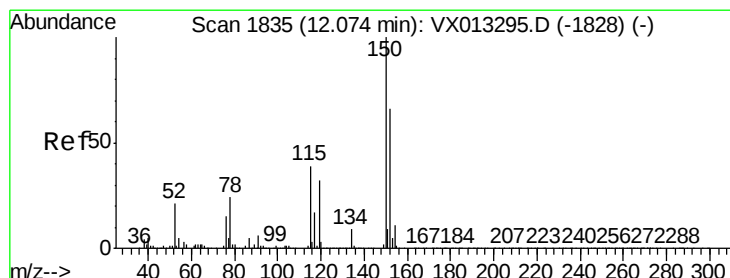
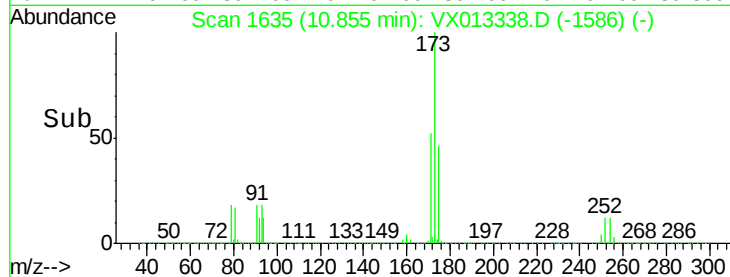
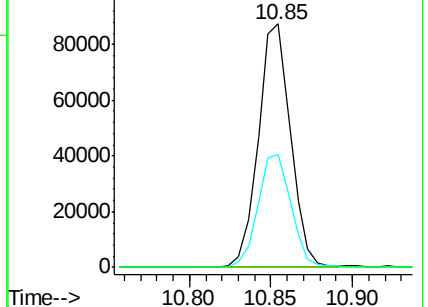
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX013338.D

Acq: 06 Nov 2019 12:41

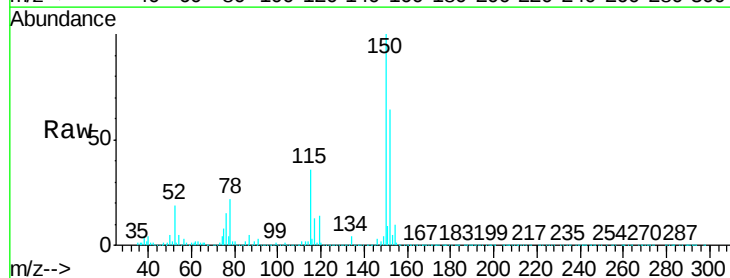
Tgt Ion:152 Resp: 491150

Ion Ratio Lower Upper

152 100

115 64.3 39.5 118.3

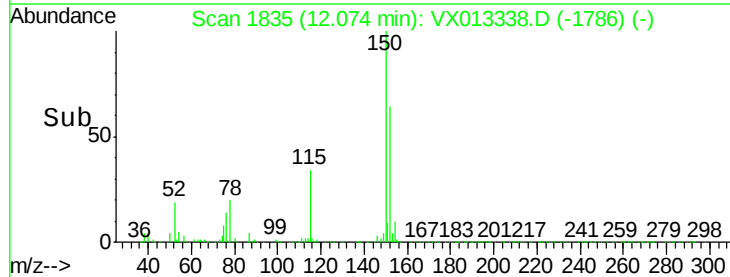
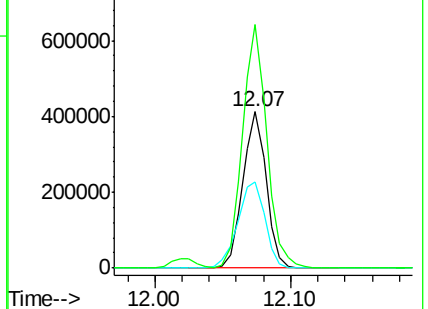
150 161.7 0.0 344.4

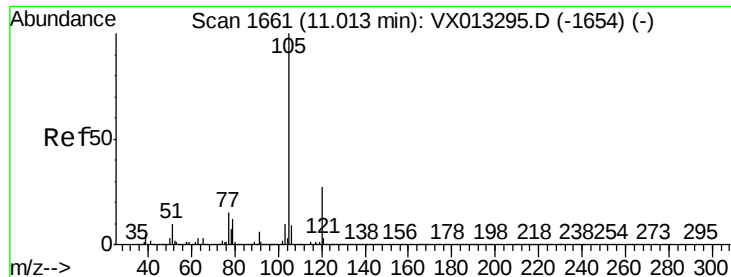


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.250 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 105 Resp: 691997

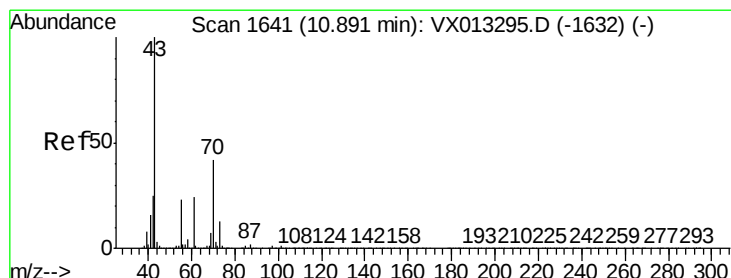
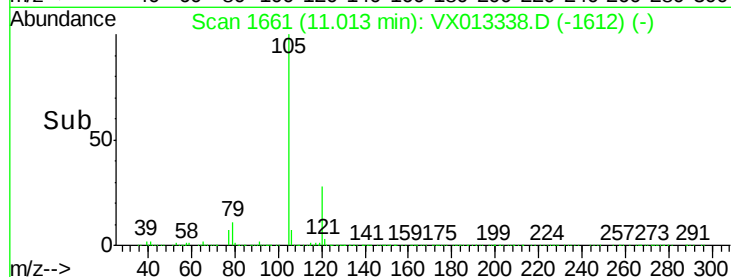
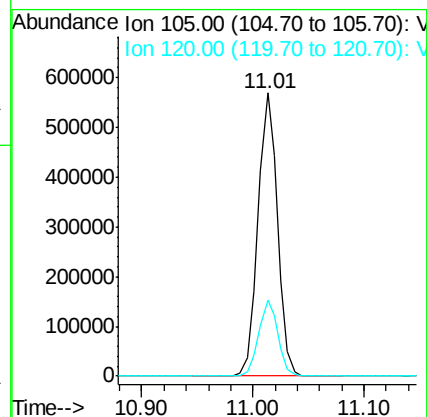
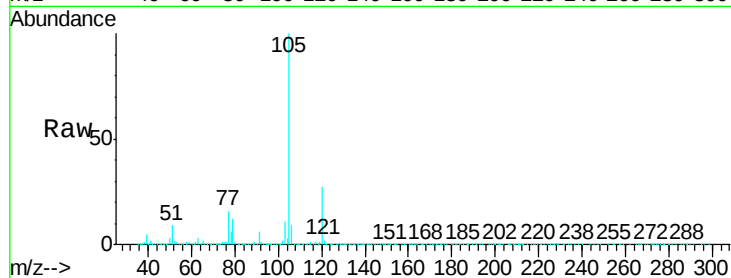
Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.756 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion: 43 Resp: 313424

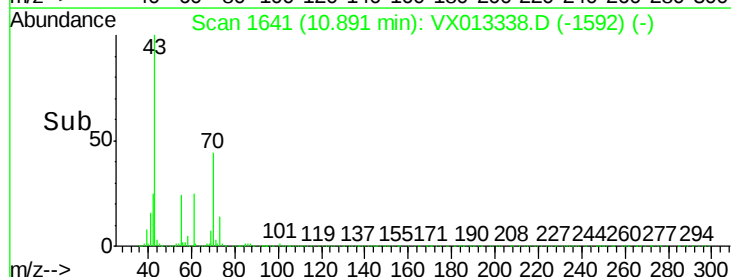
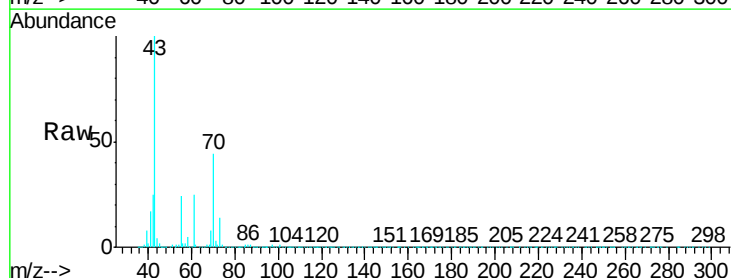
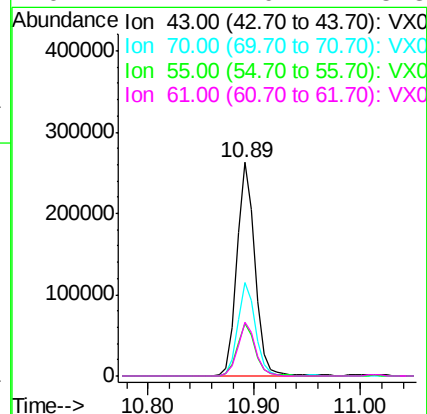
Ion Ratio Lower Upper

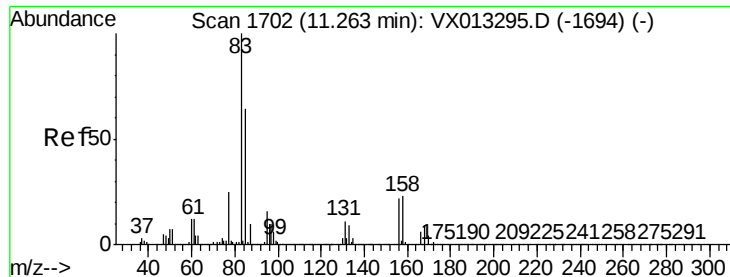
43 100

70 43.4 34.1 51.1

55 24.0 18.9 28.3

61 24.2 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.229 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion: 83 Resp: 240320
Ion Ratio Lower Upper

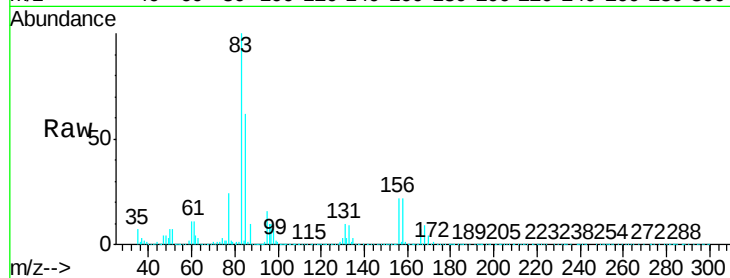
83 100

131 11.0 5.1 15.3

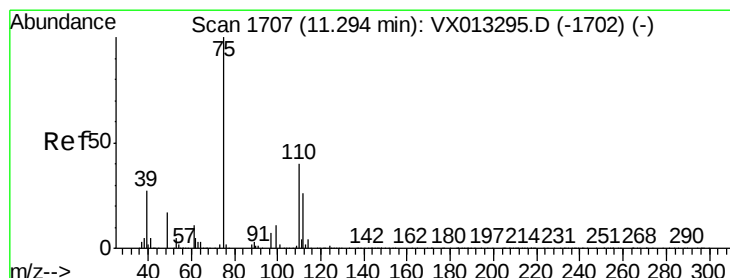
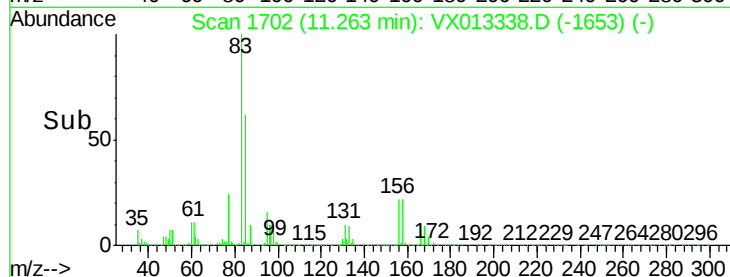
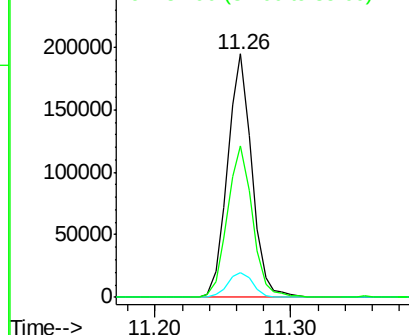
85 64.6 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.681 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

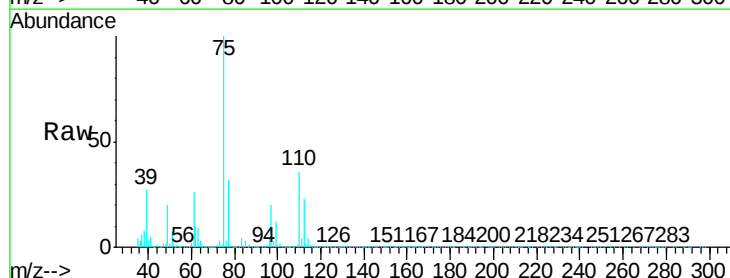
Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

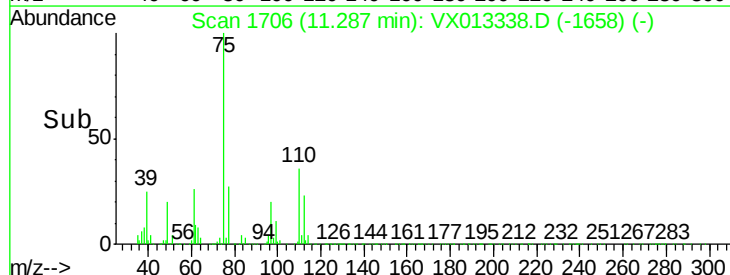
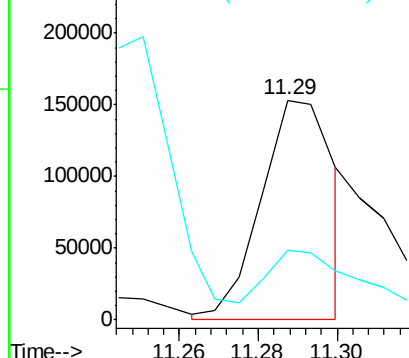
Tgt Ion: 75 Resp: 196336
Ion Ratio Lower Upper

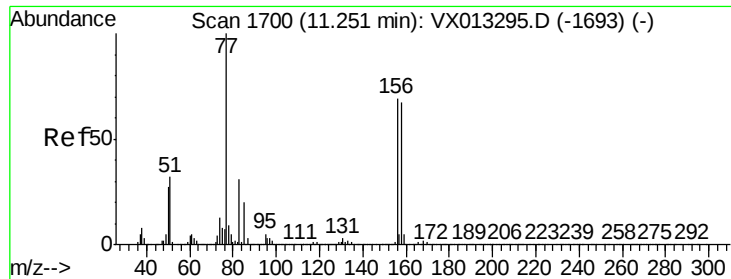
75 100

77 42.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





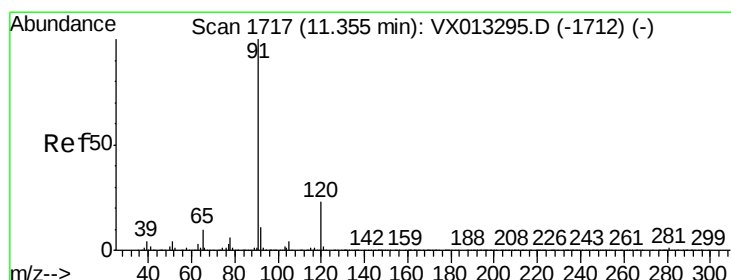
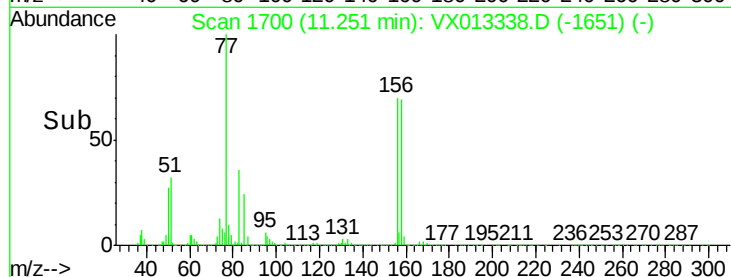
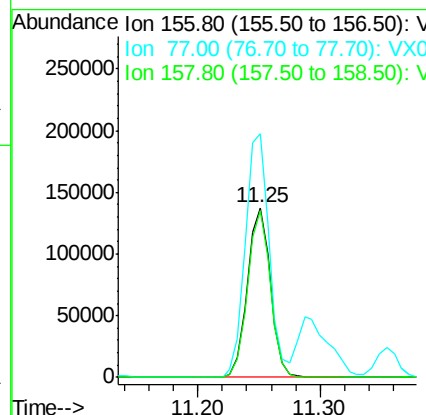
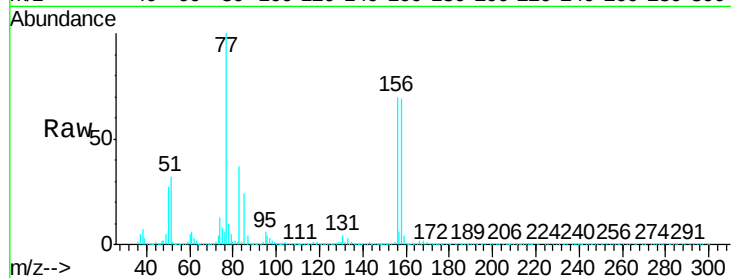
#77
Bromobenzene
Concen: 20.539 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	178298		
77	149.3	75.8	227.4	
158	97.1	47.6	142.8	

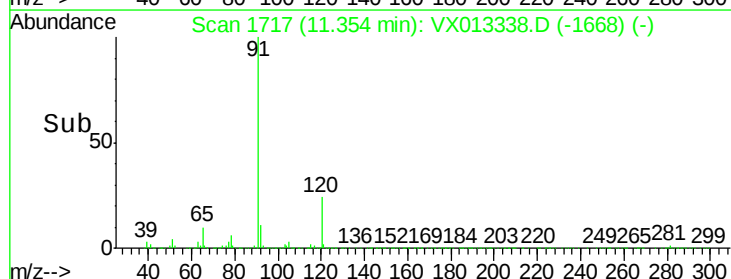
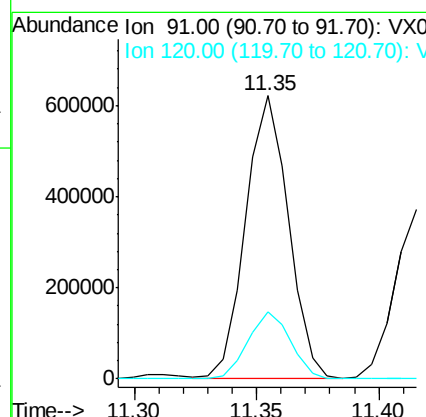
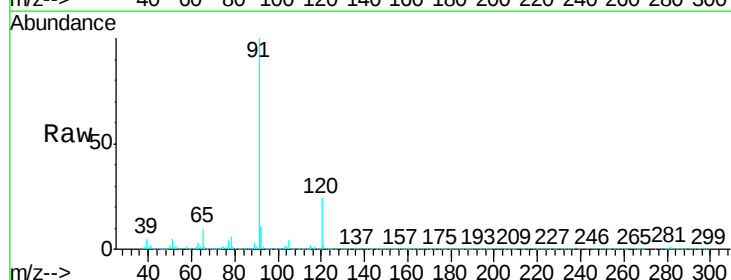
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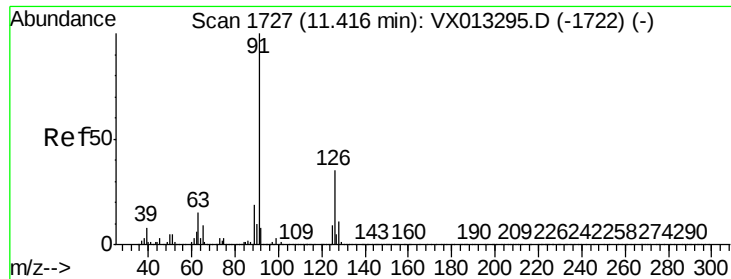
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#78
n-propylbenzene
Concen: 20.691 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	750555		
120	23.9	11.6	34.8	





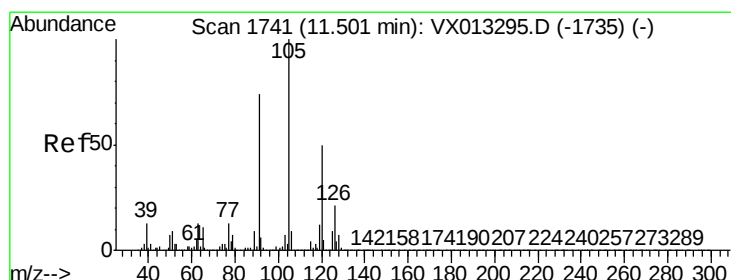
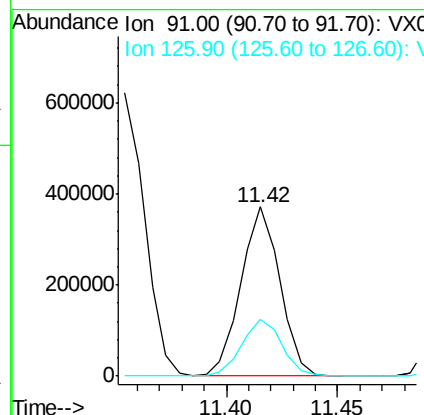
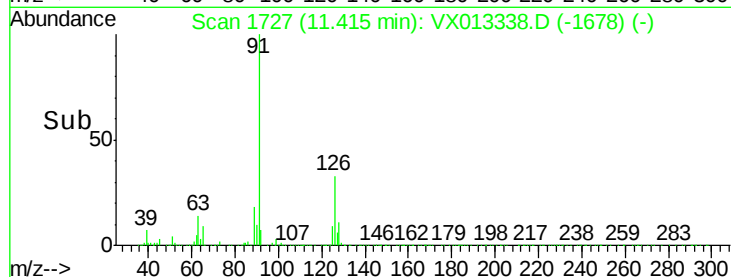
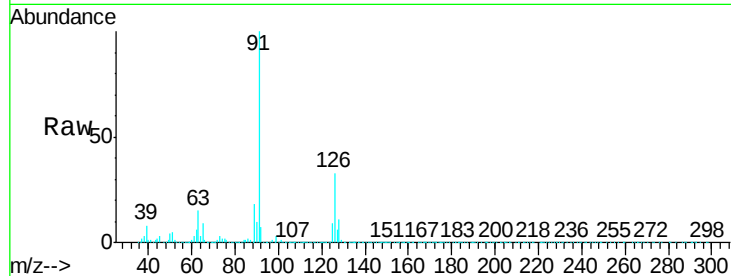
#79
 2-Chlorotoluene
 Concen: 20.679 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX1106WBSD01

Tgt Ion: 91 Resp: 451935
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 52.0

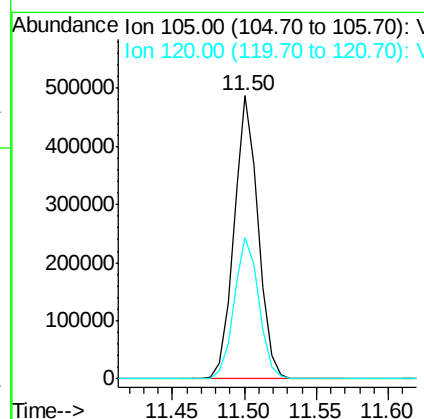
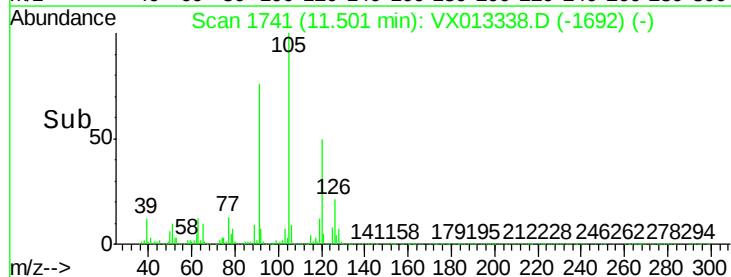
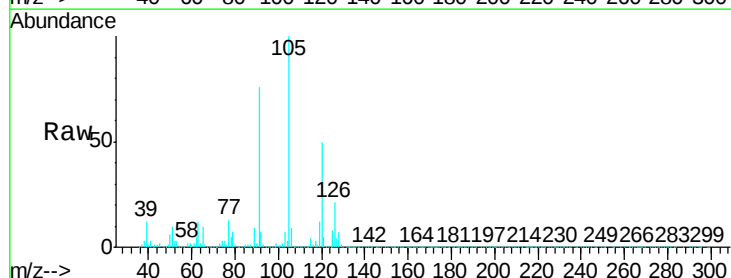
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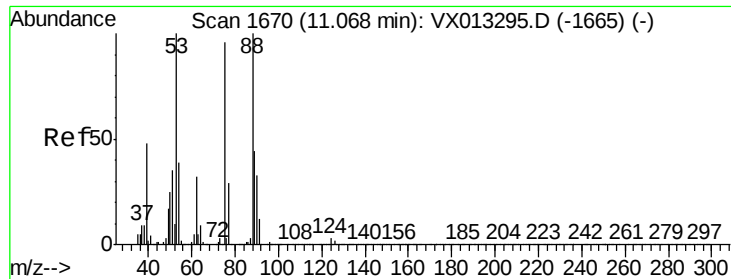
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.035 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Tgt Ion: 105 Resp: 570561
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.9 74.8





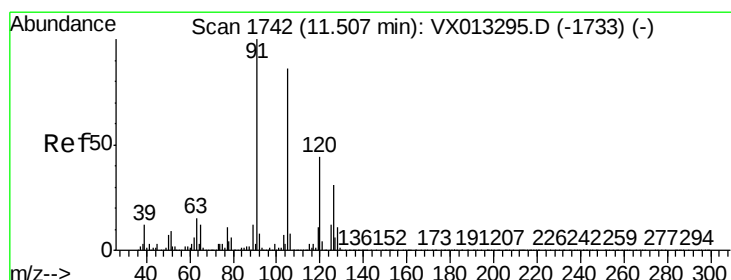
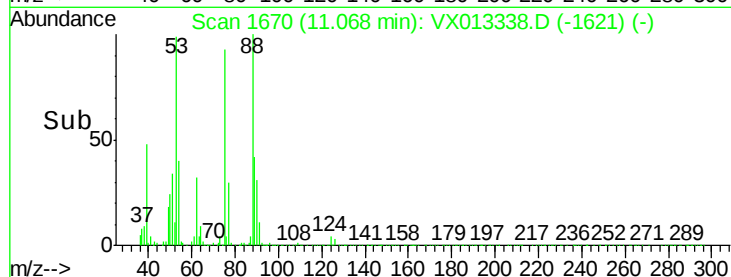
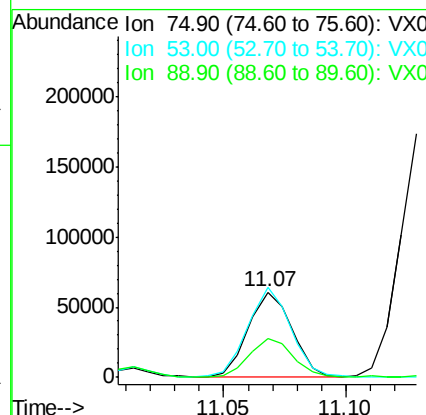
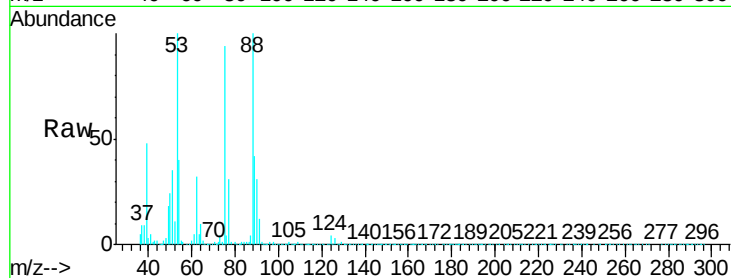
#81
trans-1,4-Dichloro-2-butene
Concen: 19.344 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.6	81.0	121.6
89	45.5	36.0	54.0

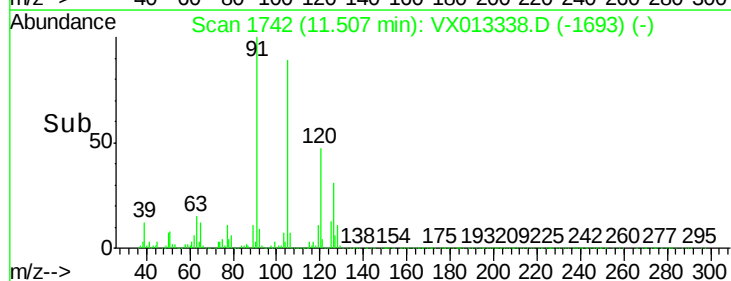
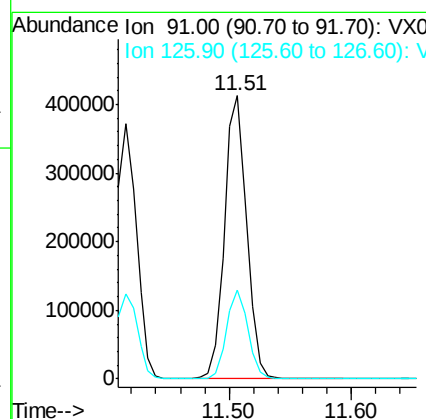
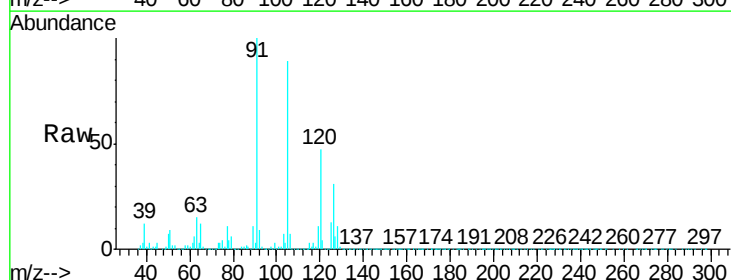
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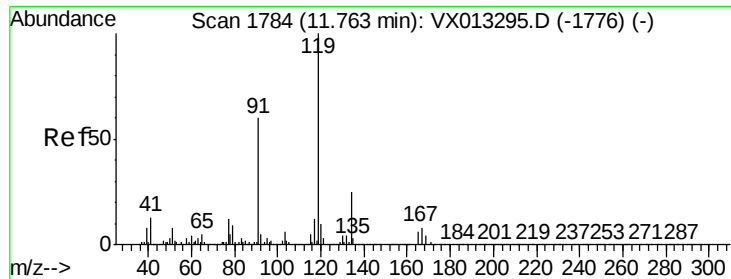
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.223 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.3	45.8





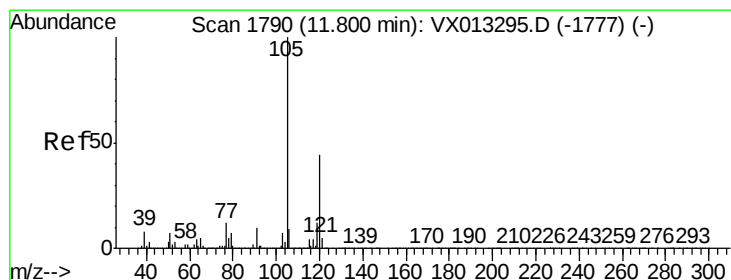
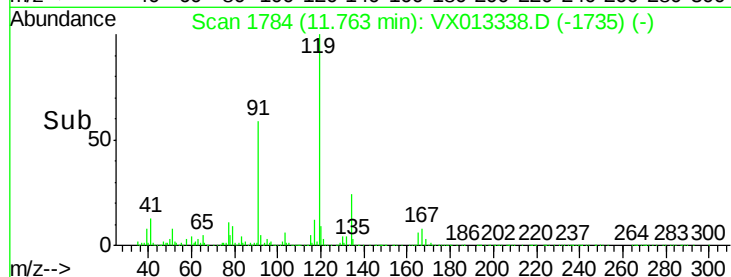
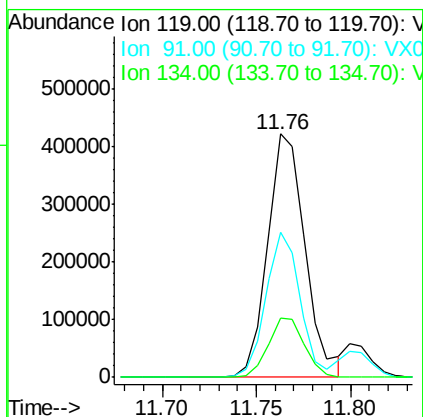
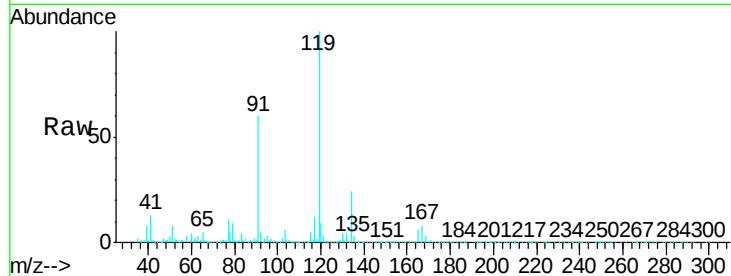
#83
tert-Butylbenzene
Concen: 21.314 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	581961		
91	54.2	26.9	80.7	
134	23.5	11.7	35.1	

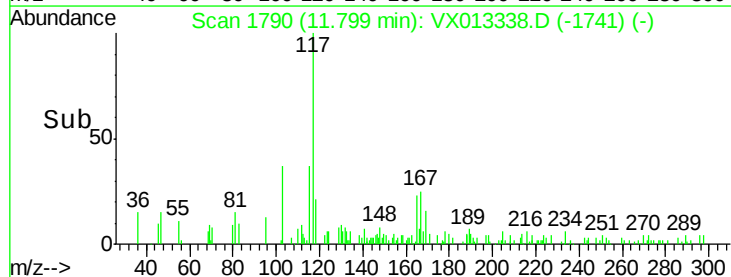
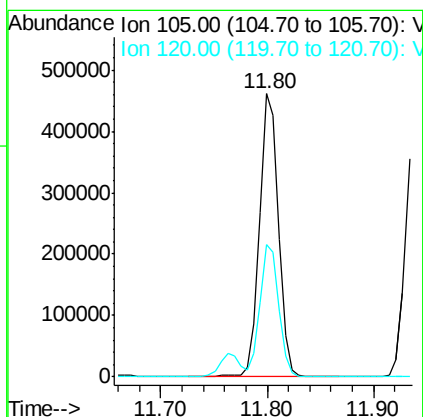
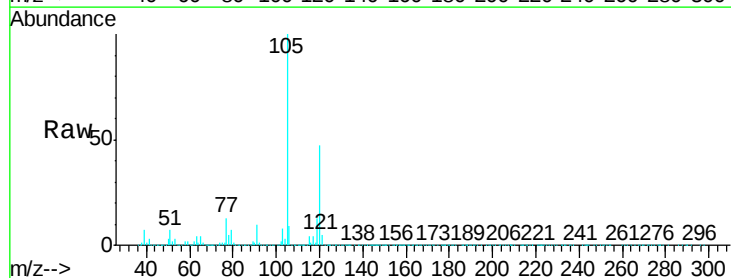
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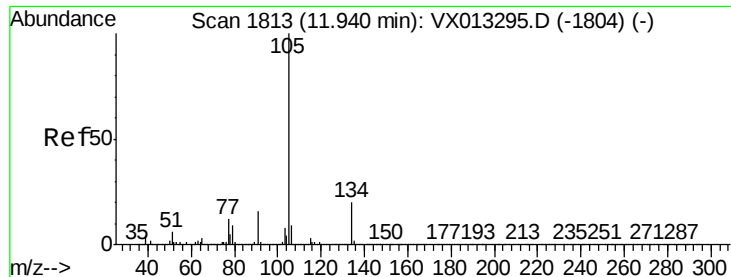
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#84
1,2,4-Trimethylbenzene
Concen: 21.178 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013338.D
Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	576241		
120	46.2	22.7	68.1	





#85

sec-Butylbenzene

Concen: 20.745 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tgt Ion:105 Resp: 650997

Ion Ratio Lower Upper

105 100

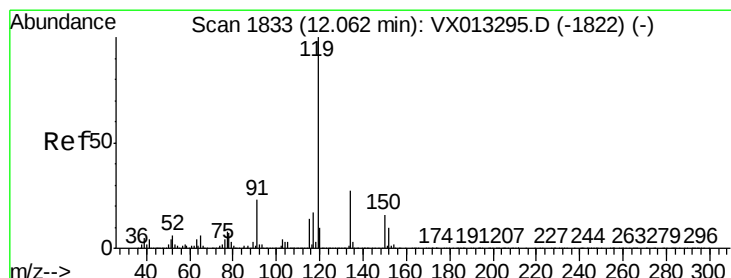
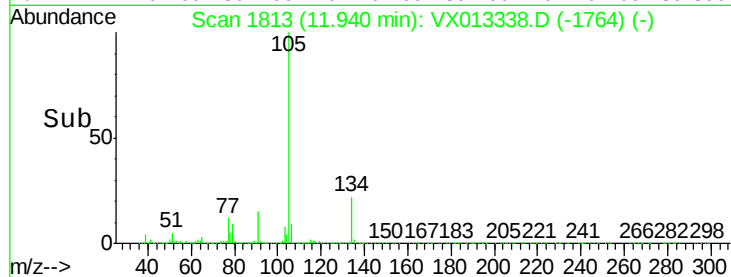
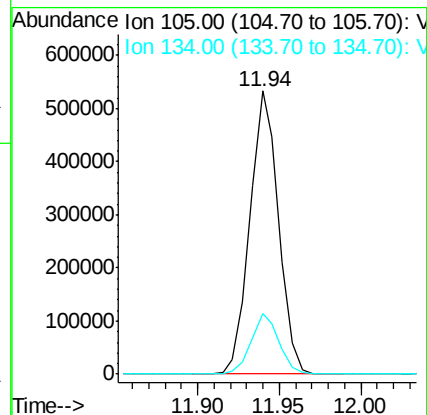
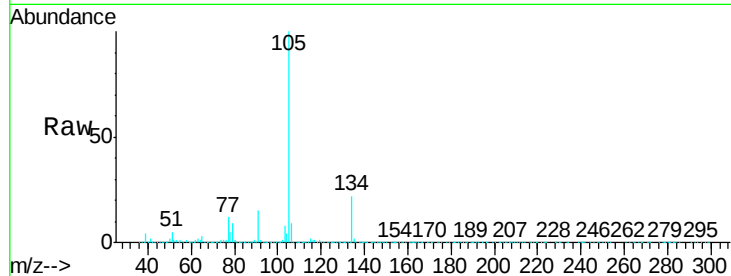
134 21.0 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 20.898 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

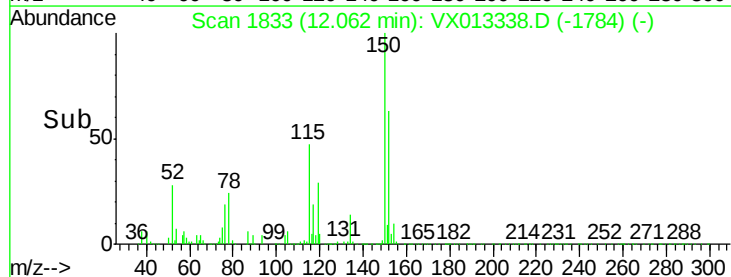
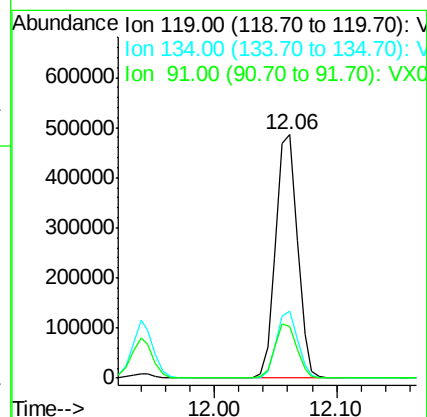
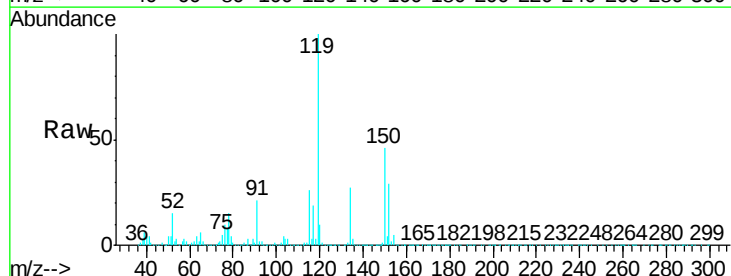
Tgt Ion:119 Resp: 603867

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.4 11.5 34.4





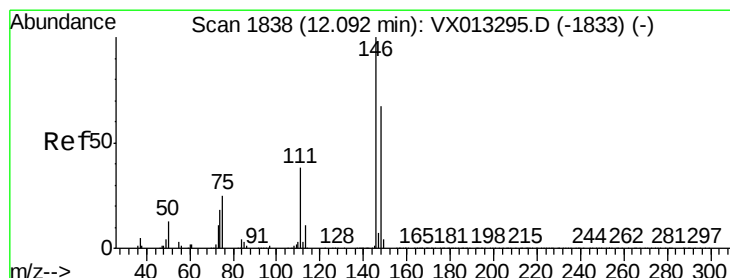
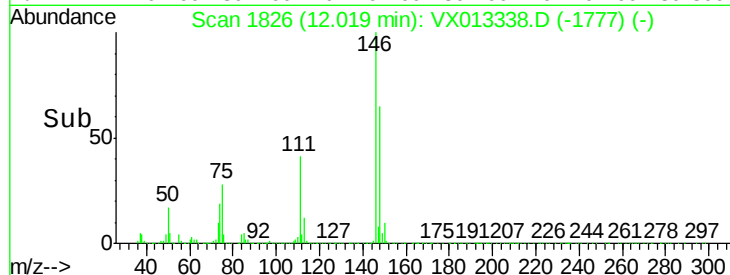
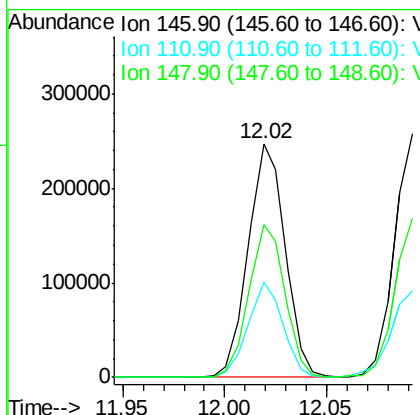
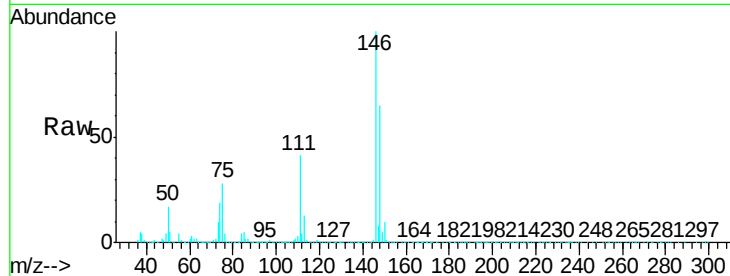
#87
 1,3-Dichlorobenzene
 Concen: 20.149 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX1106WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.5
148	64.2	31.9	95.7

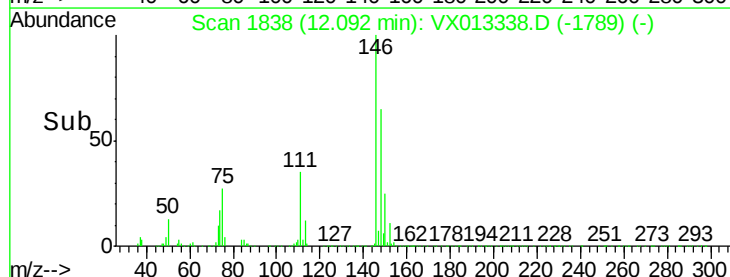
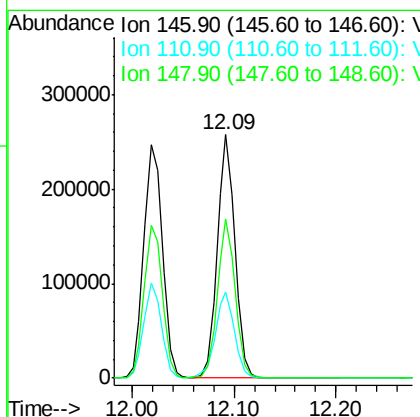
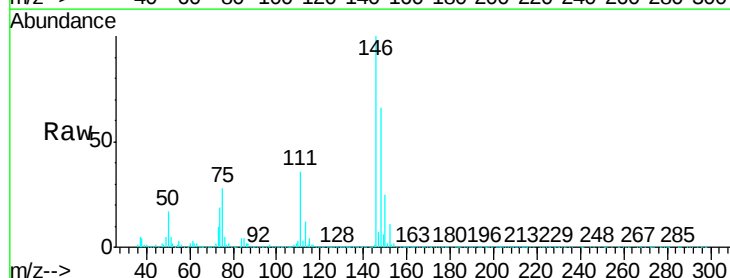
Manual Integrations
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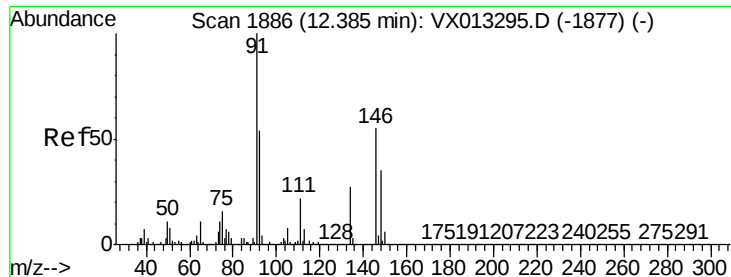
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#88
 1,4-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	65.3	32.4	97.0





#89

n-Butylbenzene

Concen: 19.696 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

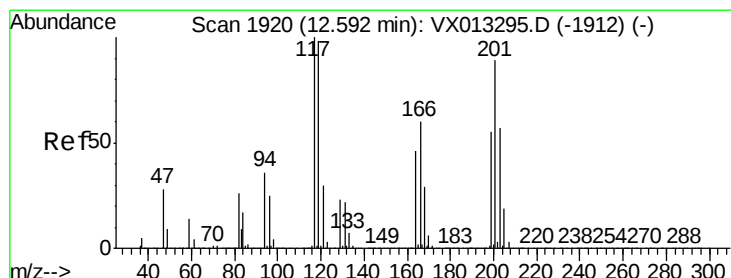
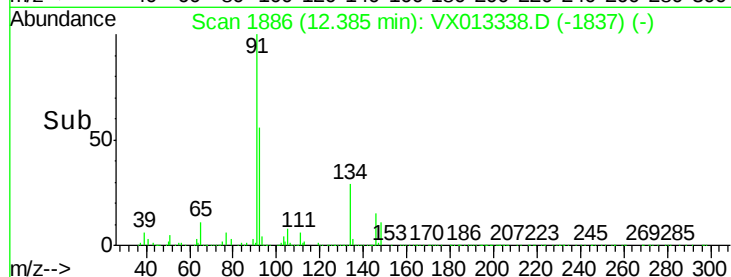
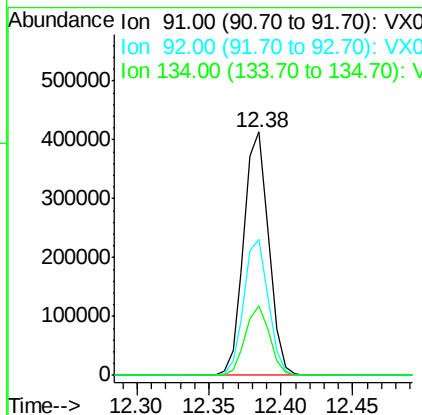
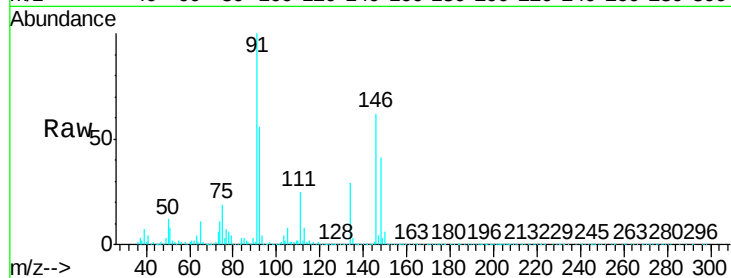
ClientSampleId :

VX1106WBSD01

Tgt Ion:	91	Resp:	496624
Ion Ratio	Lower	Upper	
91	100		
92	55.2	27.3	81.8
134	27.7	13.5	40.5

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#90

Hexachloroethane

Concen: 20.011 ug/l

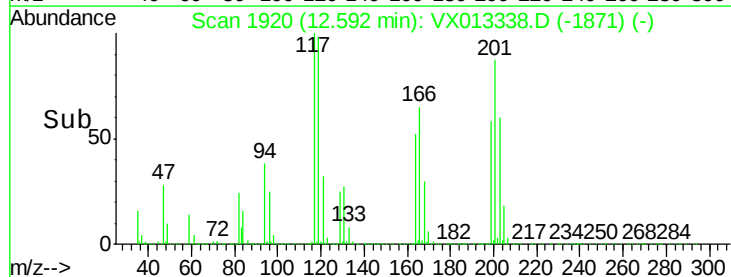
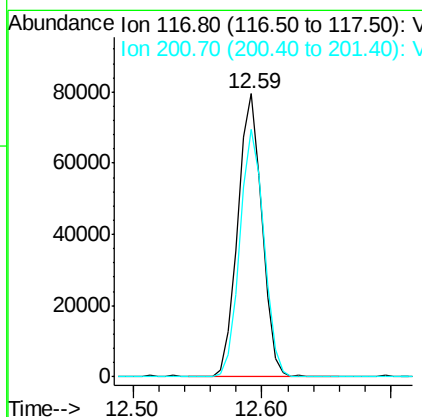
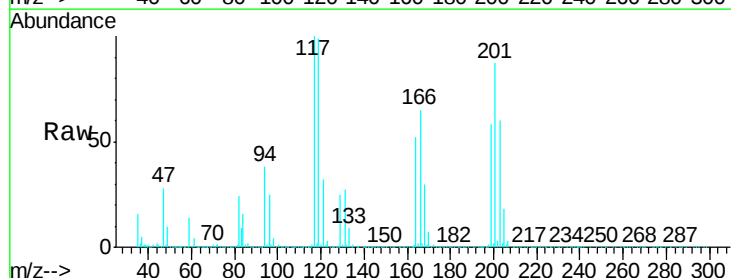
RT: 12.59 min Scan# 1920

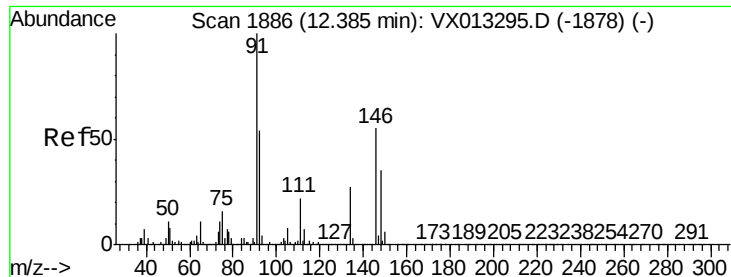
Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	117	Resp:	103025
Ion Ratio	Lower	Upper	
117	100		
201	86.6	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 20.444 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

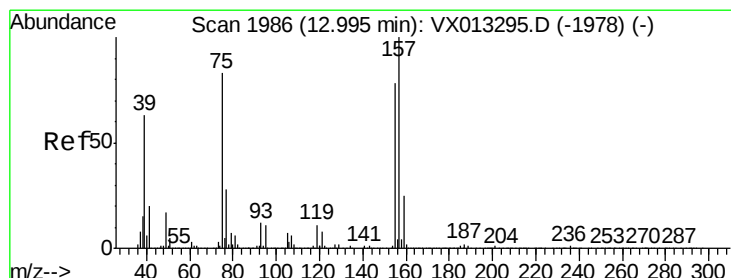
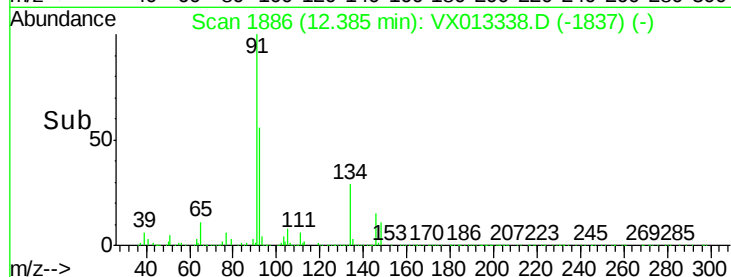
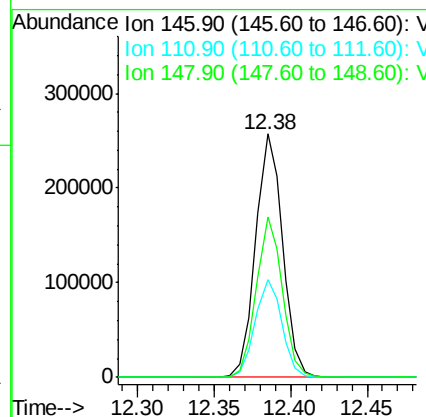
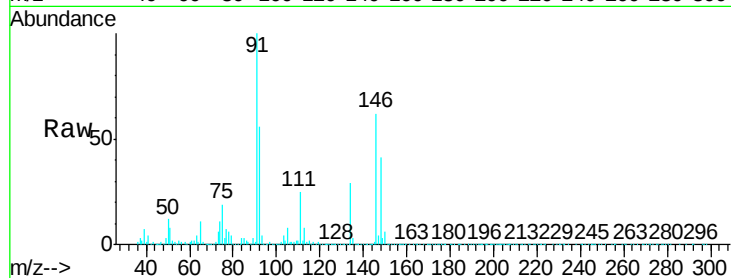
ClientSampled :

VX1106WBSD01

Tgt Ion:	146	Resp:	316231
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.1	60.2
148	63.7	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.233 ug/l

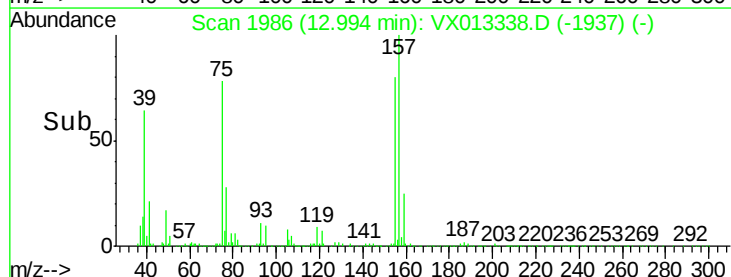
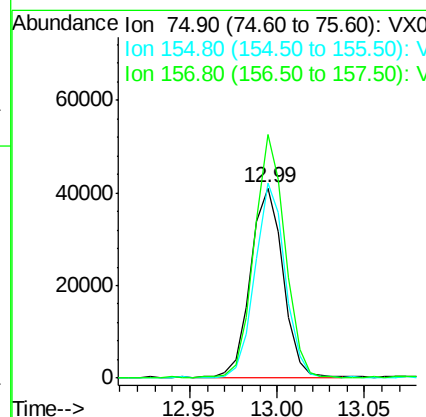
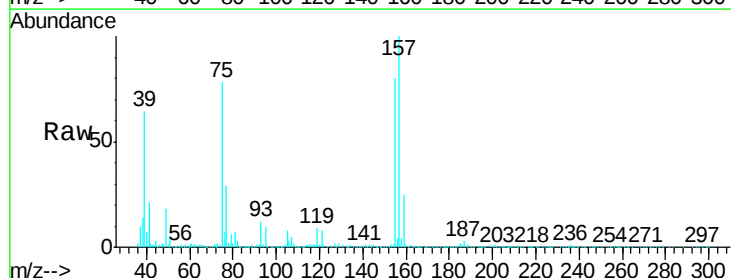
RT: 12.99 min Scan# 1986

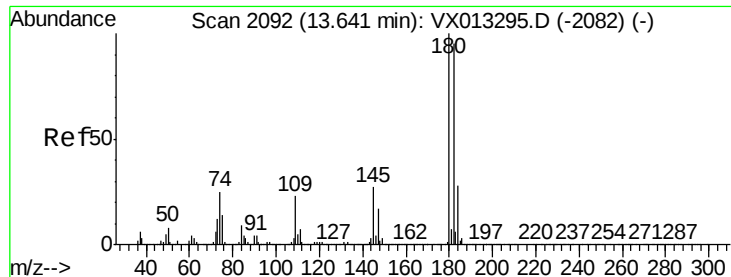
Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion:	75	Resp:	52773
Ion Ratio	Lower	Upper	
75	100		
155	95.2	47.1	141.4
157	122.7	61.3	183.8





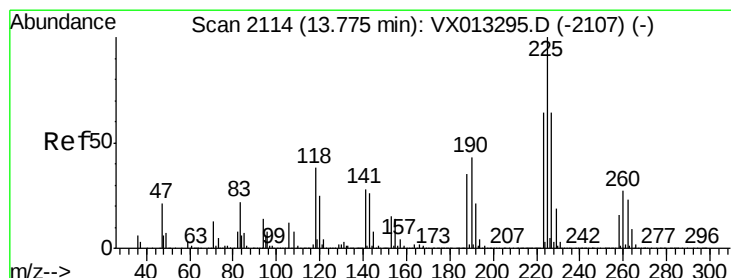
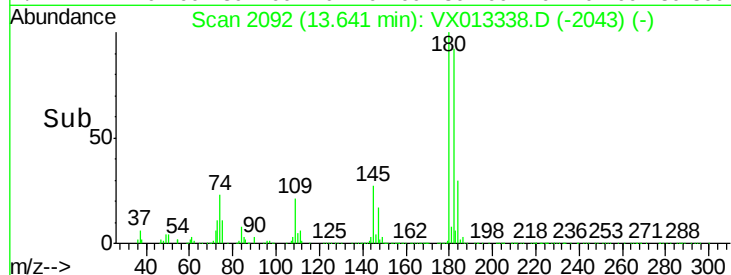
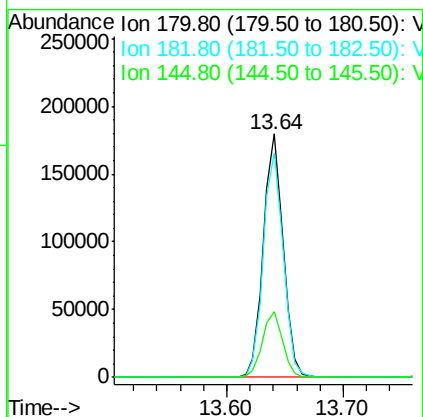
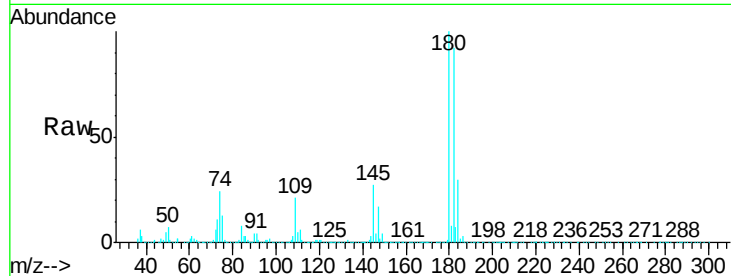
#93
 1,2,4-Trichlorobenzene
 Concen: 19.909 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214806		
182	93.1	48.4	145.0	
145	27.7	14.1	42.4	

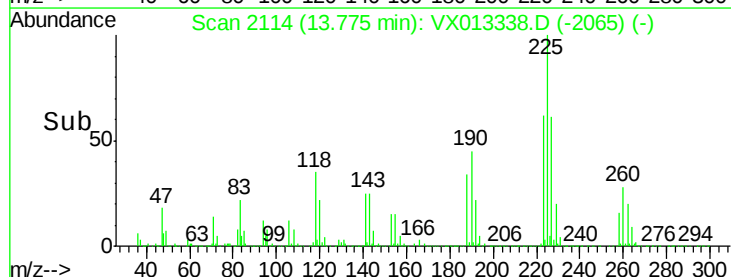
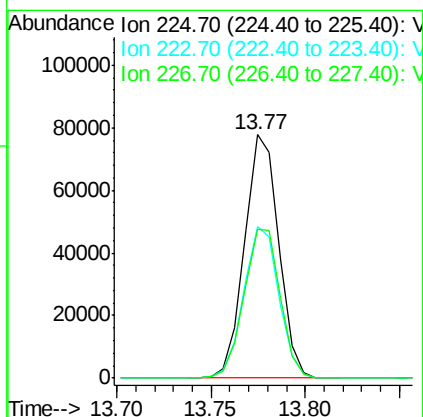
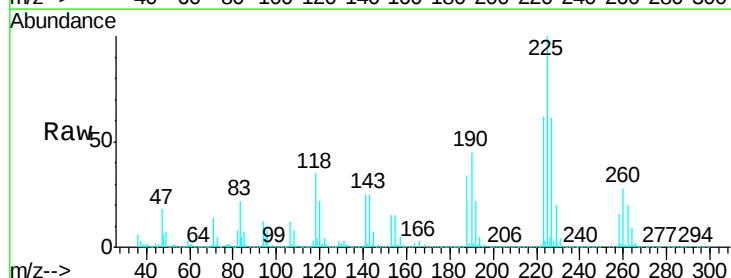
Manual Integrations
 APPROVED

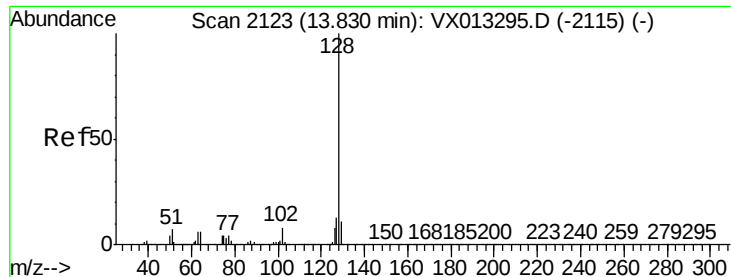
MMDadoda
 11/7/2019 9:17:11 AM



#94
 Hexachlorobutadiene
 Concen: 18.534 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013338.D
 Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97837		
223	64.5	31.9	95.7	
227	64.9	31.9	95.9	





#95

Naphthalene

Concen: 20.270 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Instrument :

MSVOA_X

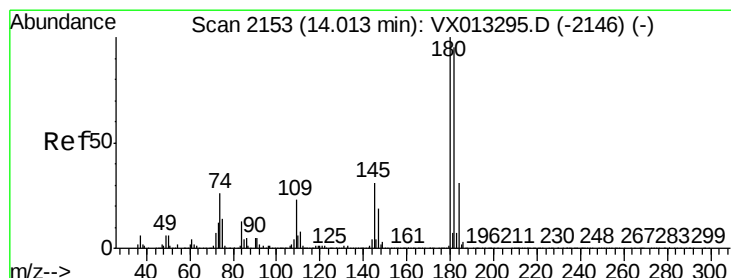
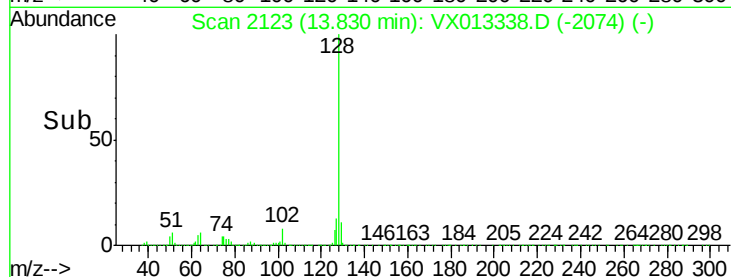
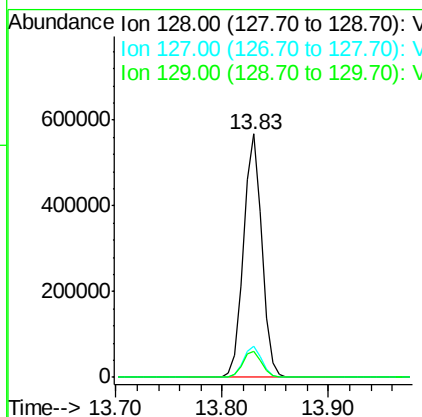
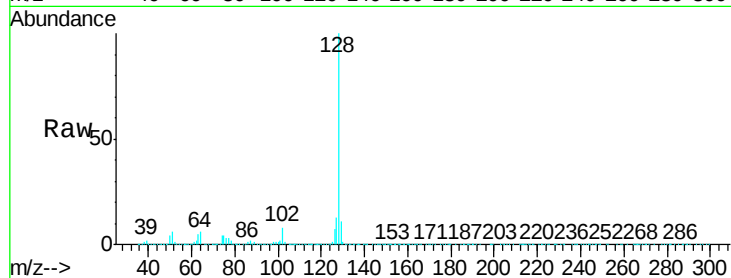
ClientSampleId :

VX1106WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	686190		
127	13.0	10.2	15.2	
129	11.3	8.5	12.7	

Manual Integrations
APPROVED

MMDadoda
11/7/2019 9:17:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.037 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013338.D

Acq: 06 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	216814		
182	95.4	48.0	144.2	
145	29.9	15.4	46.4	

