

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012954.D
 Acq On : 09 Oct 2019 19:38
 Operator : JC/SP
 Sample : K5234-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:33:15 AM

Quant Time: Oct 10 09:18:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108261	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	5.49	113	86947	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
50) Toluene-d8	8.71	98	325889	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.14	95	125272	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	88965	53.423	ug/l	99
3) Chloromethane	1.32	50	96763	53.390	ug/l	96
4) Vinyl Chloride	1.40	62	97406	52.071	ug/l	98
5) Bromomethane	1.63	94	35900	46.167	ug/l	96
6) Chloroethane	1.71	64	60315	52.765	ug/l	100
7) Trichlorofluoromethane	1.92	101	137542	54.476	ug/l	100
8) Diethyl Ether	2.18	74	54805	53.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87394	53.483	ug/l	97
10) Methyl Iodide	2.50	142	93397	50.406	ug/l	98
11) Tert butyl alcohol	3.03	59	131852	243.581	ug/l	100
12) 1,1-Dichloroethene	2.36	96	86105	52.154	ug/l	99
13) Acrolein	2.28	56	85431	222.081	ug/l	99
14) Allyl chloride	2.72	41	157044	53.414	ug/l	99
15) Acrylonitrile	3.13	53	277073	270.100	ug/l	99
16) Acetone	2.43	43	232425	215.944	ug/l	100
17) Carbon Disulfide	2.56	76	236132	50.160	ug/l	98
18) Methyl Acetate	2.76	43	122793	48.132	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	311711	54.673	ug/l	99
20) Methylene Chloride	2.84	84	101705	51.416	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	94435	53.367	ug/l	99
22) Diisopropyl ether	3.84	45	309564	54.947	ug/l	96
23) Vinyl Acetate	3.80	43	1252667	257.560	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173936	54.878	ug/l	98
25) 2-Butanone	4.65	43	378828	253.694	ug/l	98
26) 2,2-Dichloropropane	4.57	77	122703	46.038	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	110307	54.079	ug/l	98
28) Bromochloromethane	5.00	49	52022	54.966	ug/l	99
29) Tetrahydrofuran	5.11	42	248142	270.045	ug/l	100
30) Chloroform	5.20	83	173881	53.466	ug/l	99
31) Cyclohexane	5.57	56	155363	52.422	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153585	55.736	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129747	52.519	ug/l	99
37) Ethyl Acetate	4.82	43	137721	49.855	ug/l	100
38) Carbon Tetrachloride	5.78	117	129294	53.769	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156617	52.275	ug/l	98
40) Benzene	6.14	78	391073	53.597	ug/l	100
41) Methacrylonitrile	5.03	41	79292	52.237	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140956	53.837	ug/l	99
43) Isopropyl Acetate	6.43	43	228419	51.517	ug/l	99
44) Trichloroethene	7.20	130	100598	49.719	ug/l	89
45) 1,2-Dichloropropane	7.51	63	100072	53.812	ug/l	98
46) Dibromomethane	7.65	93	67541	54.512	ug/l	100
47) Bromodichloromethane	7.89	83	133722	55.304	ug/l	100
48) Methyl methacrylate	7.76	41	115434	53.426	ug/l	99
49) 1,4-Dioxane	7.73	88	58383	1006.669	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	738819	267.263	ug/l	100
52) Toluene	8.78	92	250456	53.654	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	142581	47.371	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	156804	52.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99471	53.846	ug/l	98
56) Ethyl methacrylate	9.17	69	163596	49.475	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170096	53.229	ug/l	99
59) 2-Hexanone	9.48	43	570005	264.885	ug/l	99
60) Dibromochloromethane	9.58	129	100907	49.119	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104251	53.646	ug/l	99
64) Tetrachloroethene	9.33	164	88474	50.405	ug/l	93
65) Chlorobenzene	10.14	112	260657	51.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94501	54.234	ug/l	99
67) Ethyl Benzene	10.25	91	475272	53.241	ug/l	100
68) m/p-Xylenes	10.36	106	357997	107.349	ug/l	100
69) o-Xylene	10.70	106	173773	53.434	ug/l	100
70) Stvrene	10.71	104	300532	54.359	ug/l	100
71) Bromoform	10.85	173	67354	45.664	ug/l #	99
73) Isopropylbenzene	11.01	105	464176	53.463	ug/l	99
74) N-amyl acetate	10.89	43	189052	50.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	153790	53.257	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124322m	47.465	ug/l	
77) Bromobenzene	11.25	156	107152	52.373	ug/l	98
78) n-propylbenzene	11.35	91	517338	54.151	ug/l	99
79) 2-Chlorotoluene	11.42	91	320829	53.435	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	401751	55.417	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45560	45.160	ug/l	99
82) 4-Chlorotoluene	11.51	91	371678	54.008	ug/l	99
83) tert-Butylbenzene	11.76	119	380782	53.844	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	396742	54.035	ug/l	99
85) sec-Butylbenzene	11.94	105	441661	53.906	ug/l	99
86) p-Isopropyltoluene	12.06	119	404762	53.267	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199100	52.404	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195039	50.688	ug/l	100
89) n-Butylbenzene	12.39	91	338456	52.996	ug/l	100
90) Hexachloroethane	12.59	117	69130	49.157	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	193498	51.950	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35999	53.188	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	120867	51.802	ug/l	97

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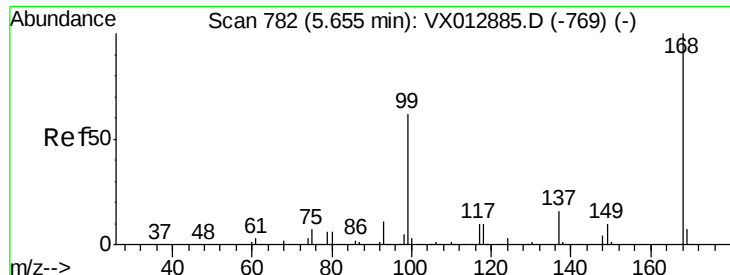
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	51870	48.171	ug/l	98
95) Naphthalene	13.83	128	436212	53.932	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123019	51.021	ug/l	97

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



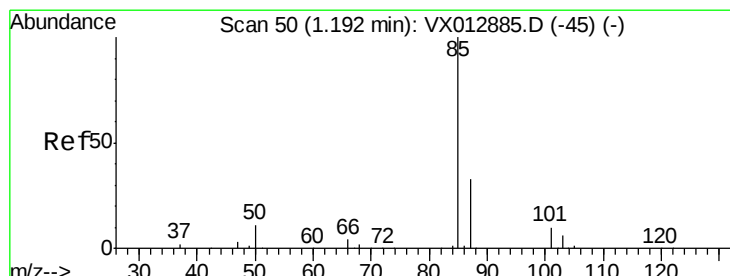
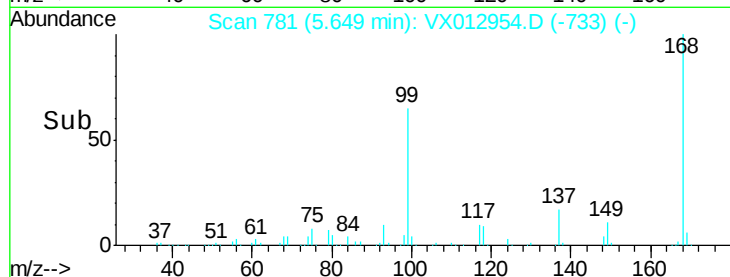
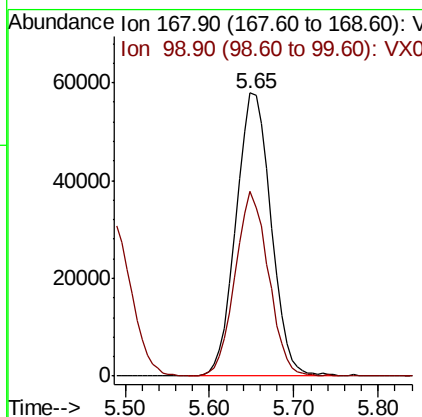
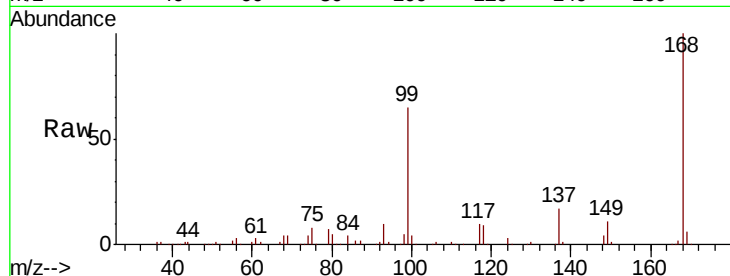
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion:168 Resp: 163374
Ion Ratio Lower Upper
168 100
99 65.3 49.4 74.0

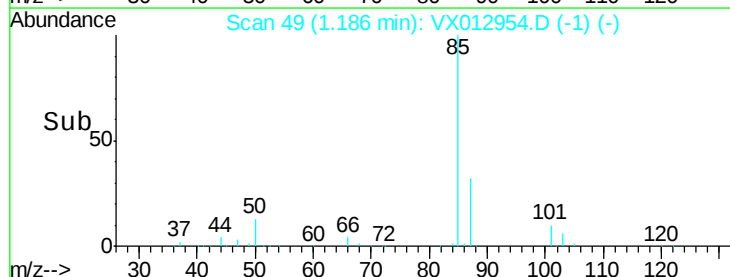
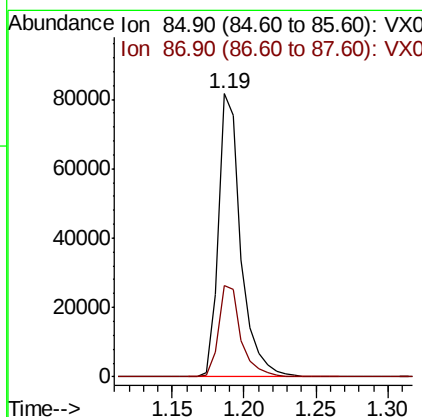
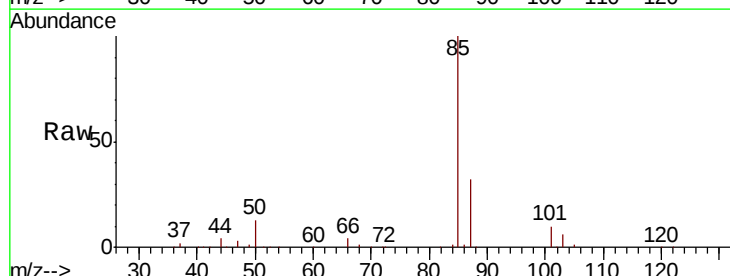
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#2
Dichlorodifluoromethane
Concen: 53.423 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 85 Resp: 88965
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.4





#3

Chloromethane

Concen: 53.390 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 50 Resp: 96763

Ion Ratio Lower Upper

50 100

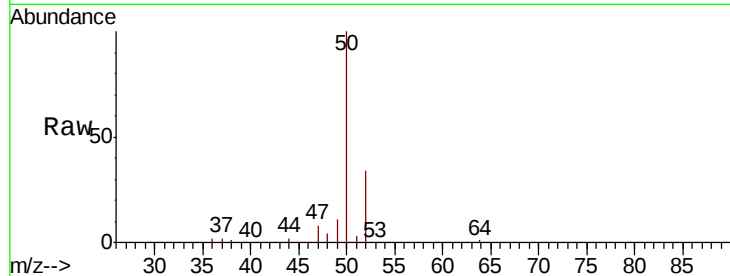
52 33.9 25.2 37.8

Manual Integrations

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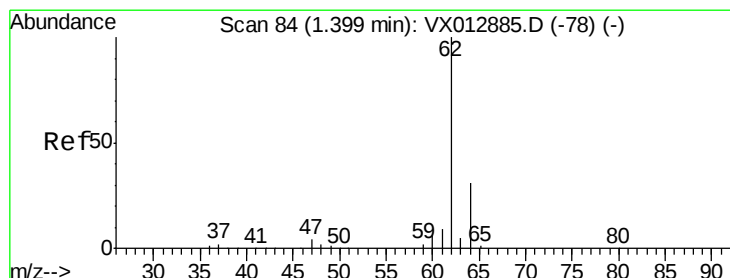
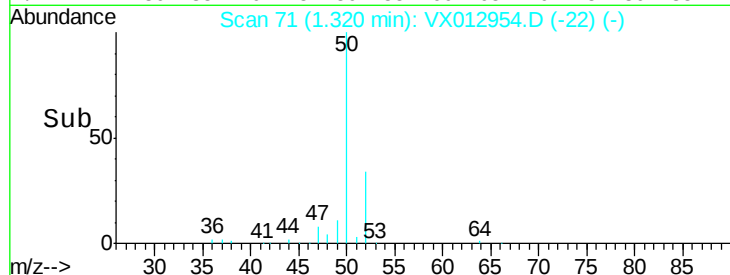
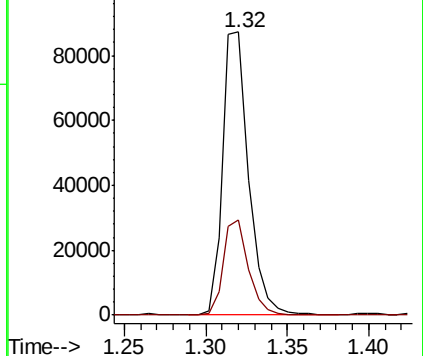
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.071 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012954.D

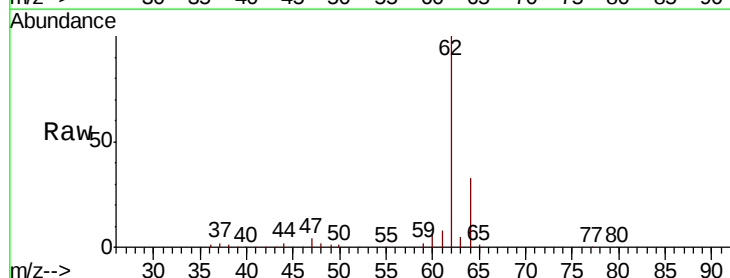
Acq: 09 Oct 2019 19:38

Tgt Ion: 62 Resp: 97406

Ion Ratio Lower Upper

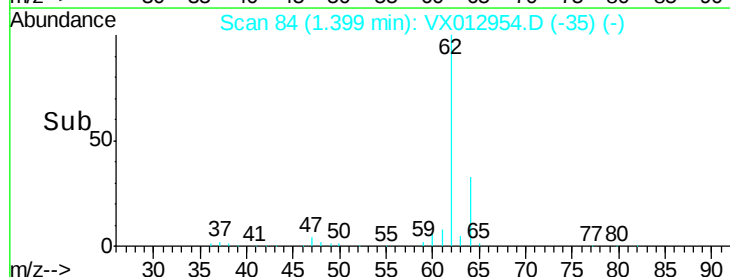
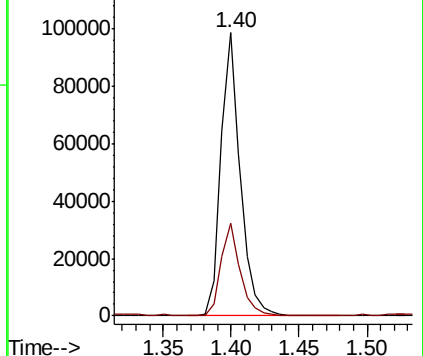
62 100

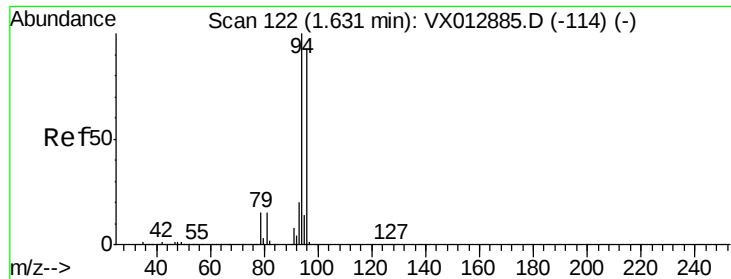
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.167 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 35900

Ion Ratio Lower Upper

94 100

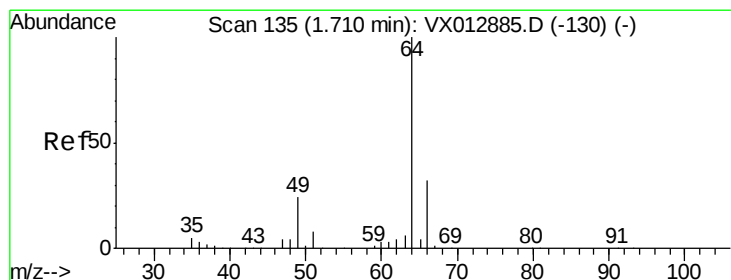
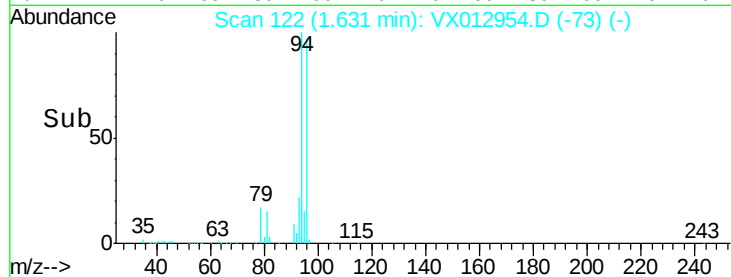
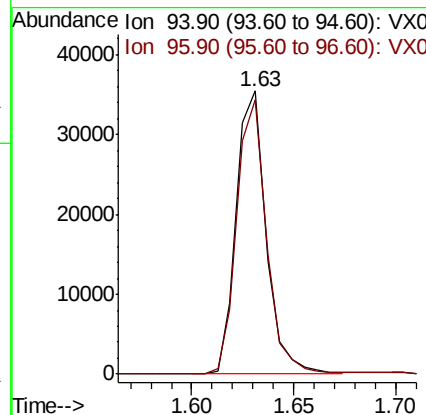
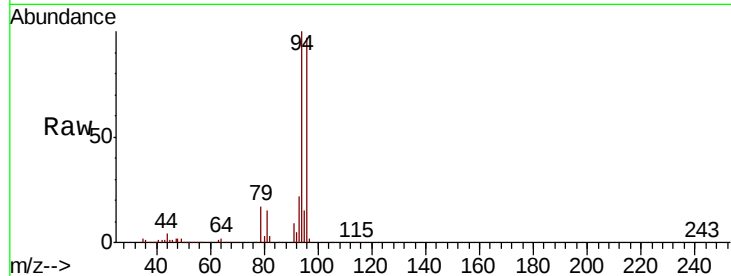
96 97.1 74.7 112.1

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#6

Chloroethane

Concen: 52.765 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012954.D

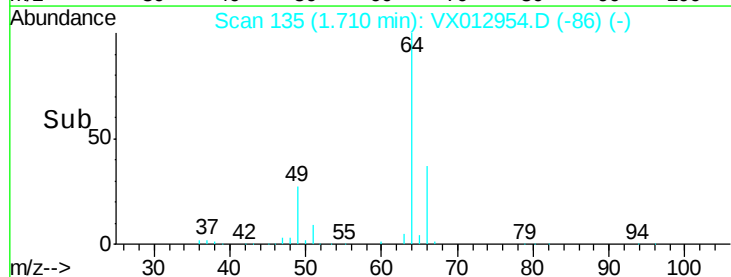
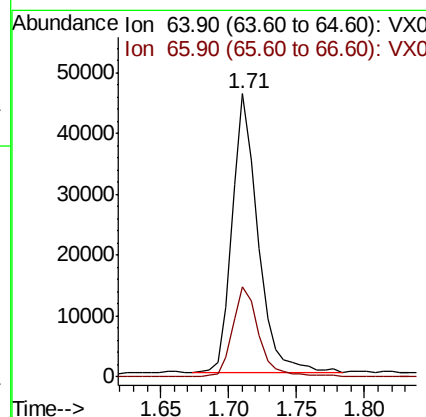
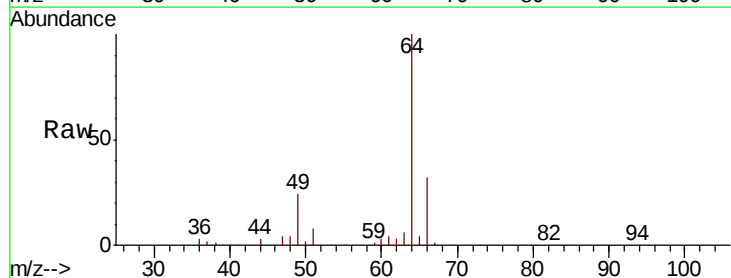
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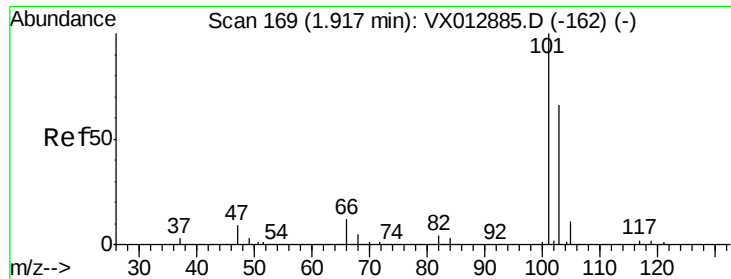
Tgt Ion: 64 Resp: 60315

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

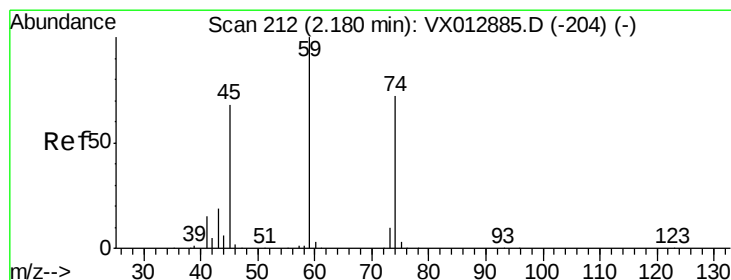
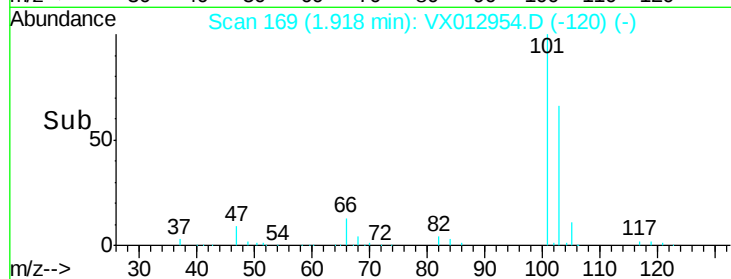
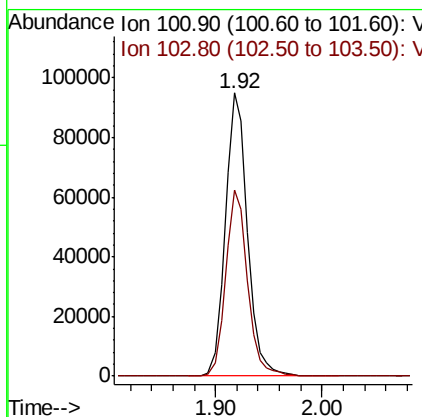
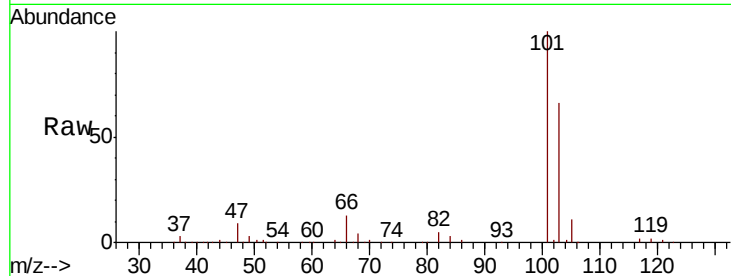
Trichlorofluoromethane
 Concen: 54.476 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.8	52.5	78.7	

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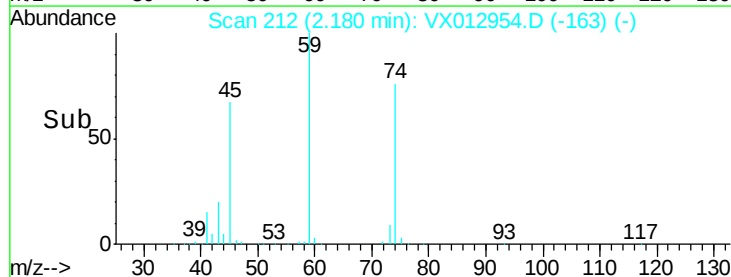
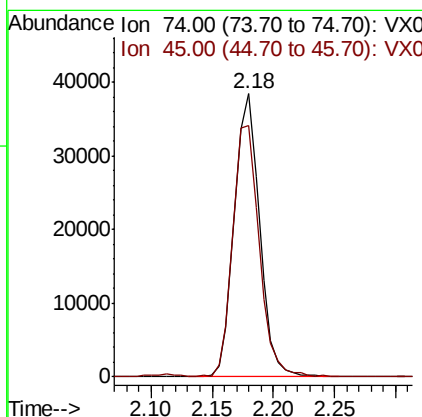
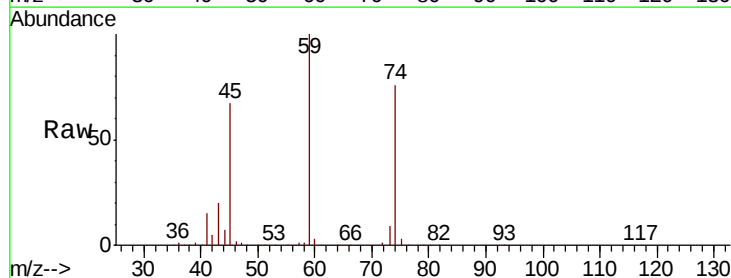
MMDadoda
 10/10/2019 9:33:15 AM

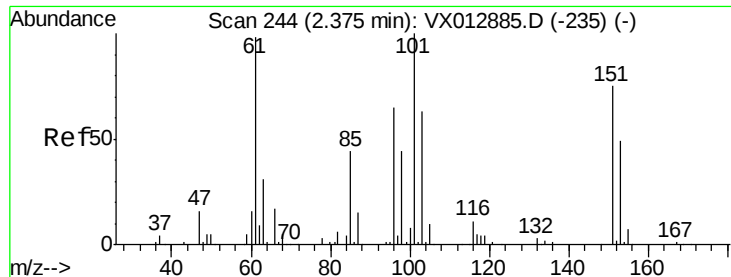


#8

Diethyl Ether
 Concen: 53.777 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	93.7	47.8	143.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.483 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

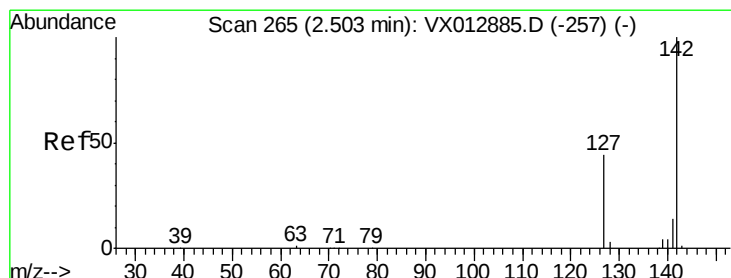
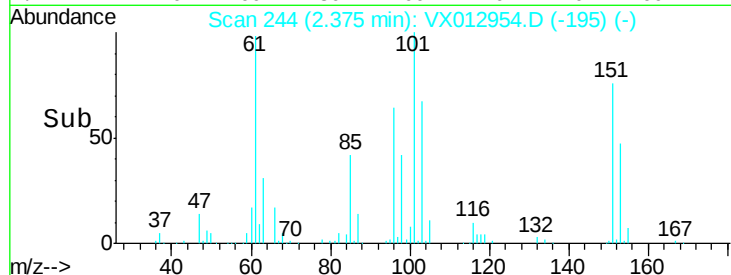
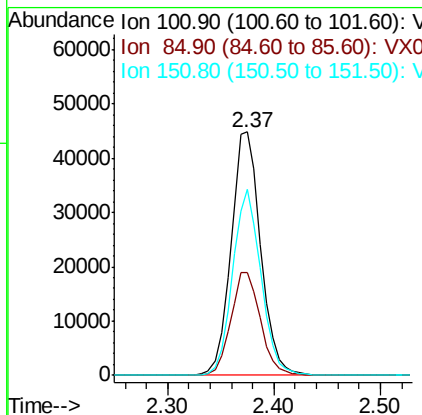
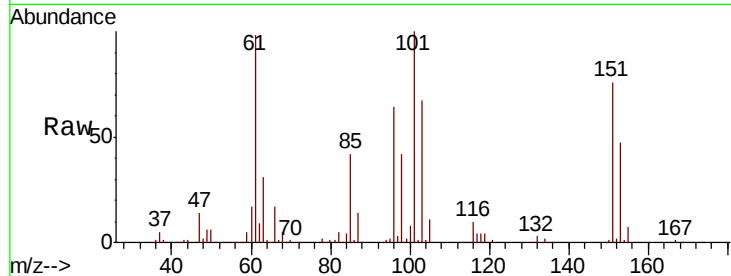
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:	101	Resp:	87394
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.2	52.8
151	73.3	60.3	90.5

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#10

Methyl Iodide

Concen: 50.406 ug/l

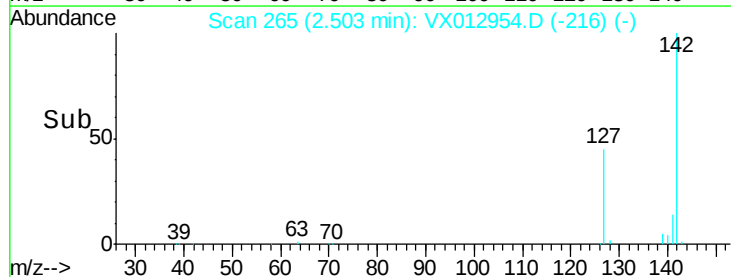
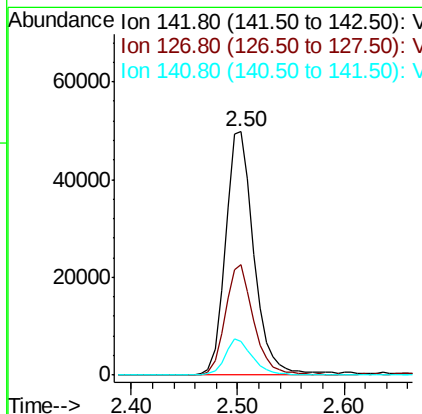
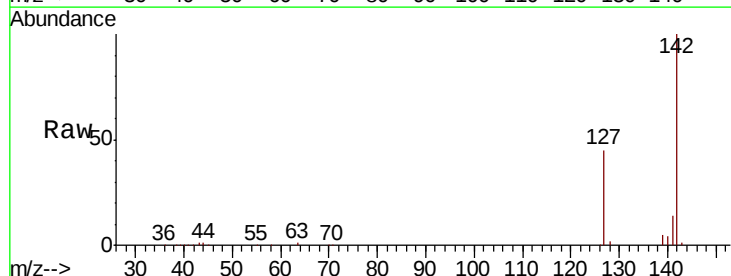
RT: 2.50 min Scan# 265

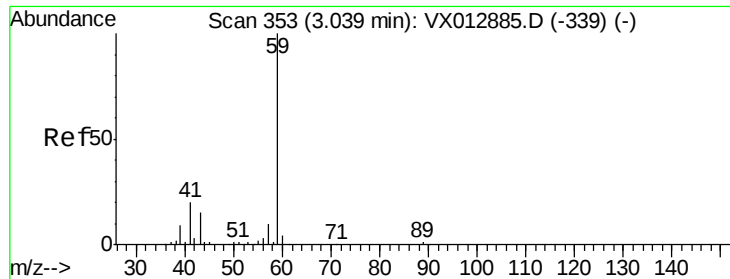
Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion:	142	Resp:	93397
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.9	52.3
141	14.3	11.6	17.4





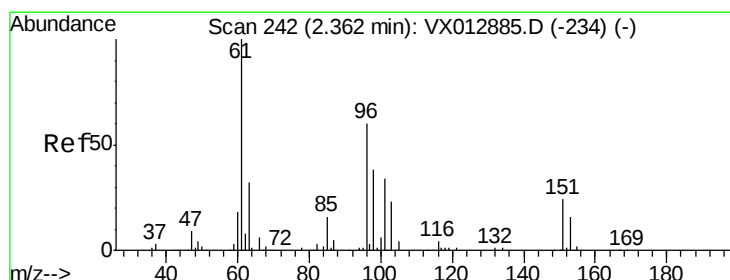
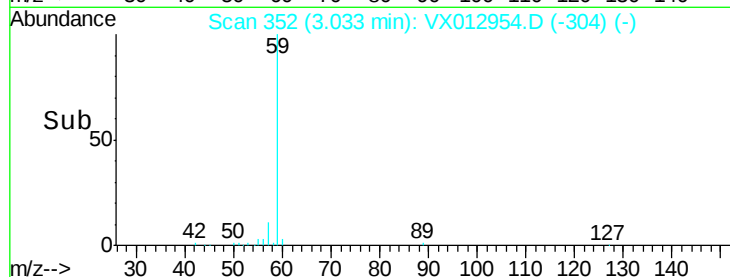
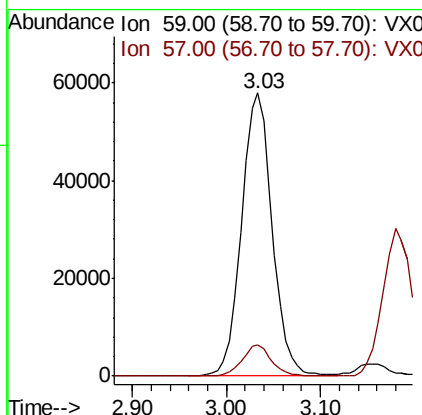
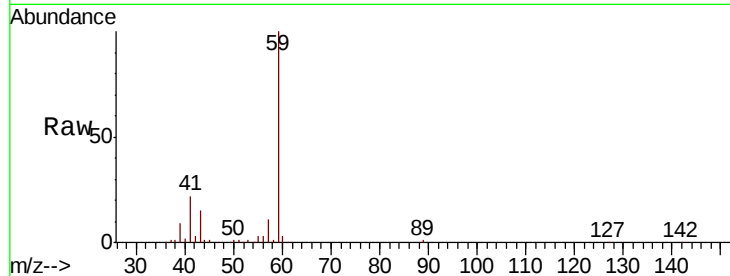
#11
Tert butyl alcohol
Concen: 243.581 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion: 59 Resp: 131852
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

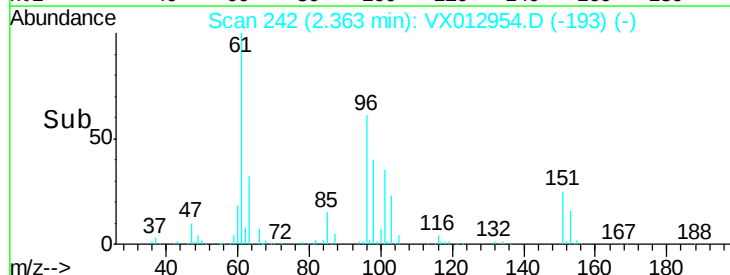
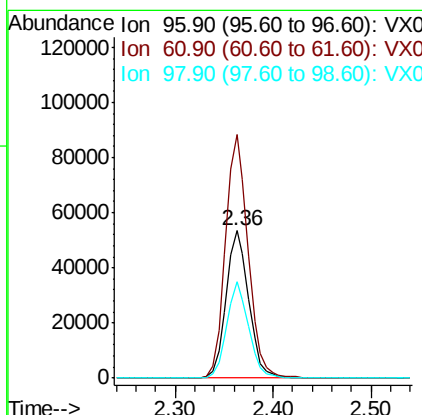
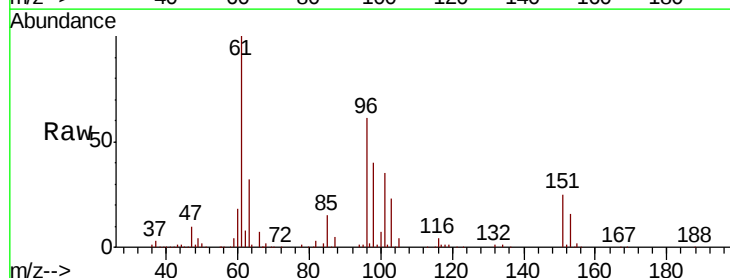
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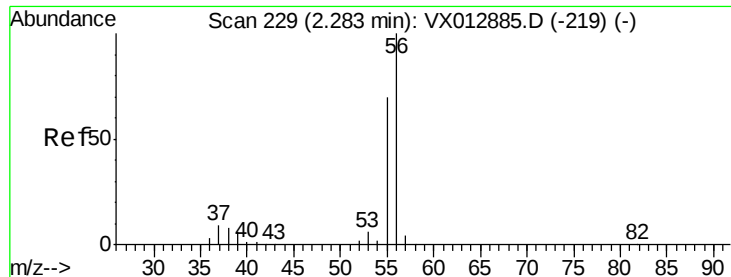
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.154 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 96 Resp: 86105
Ion Ratio Lower Upper
96 100
61 165.1 132.2 198.4
98 65.3 50.5 75.7





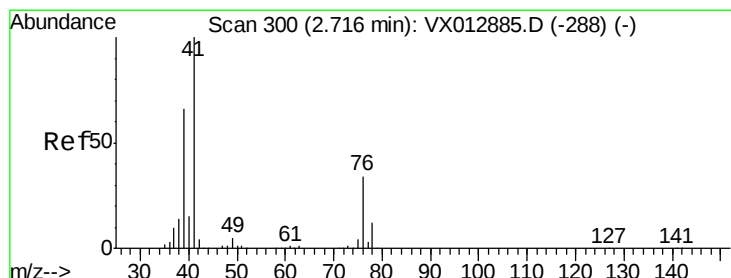
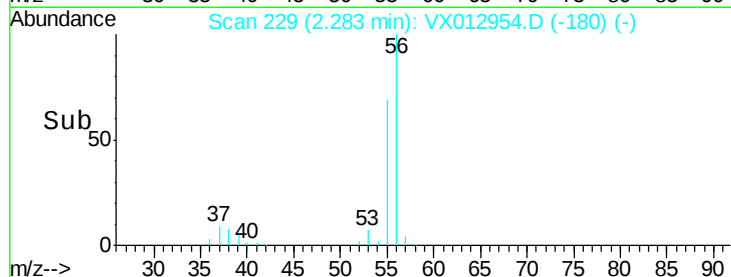
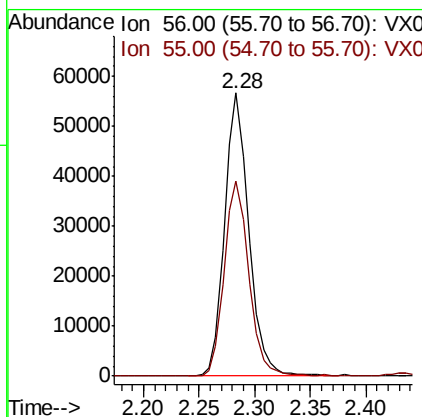
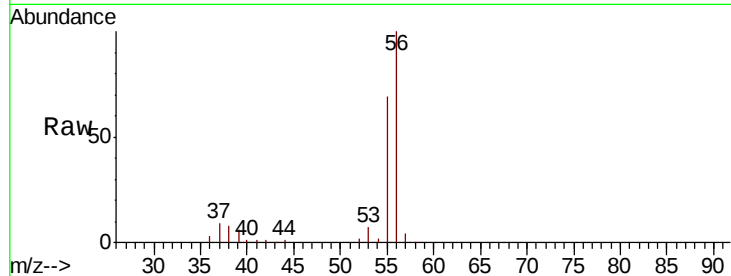
#13
Acrolein
Concen: 222.081 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	56	55	Ratio	100	70.3	Resp	85431	Lower	56.6	Upper	85.0
Ion	56	55	Ratio	100	70.3	Resp	85431	Lower	56.6	Upper	85.0

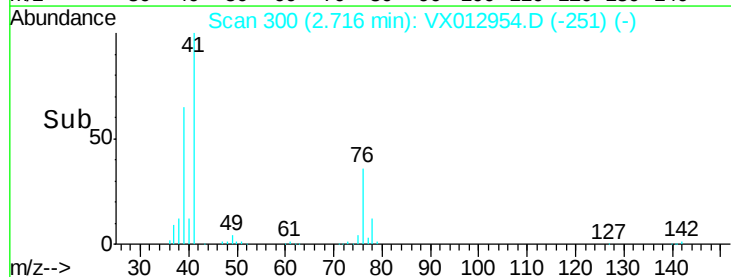
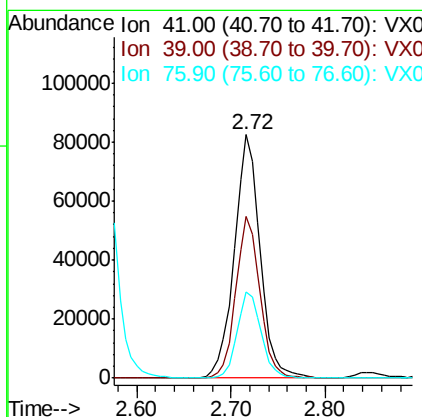
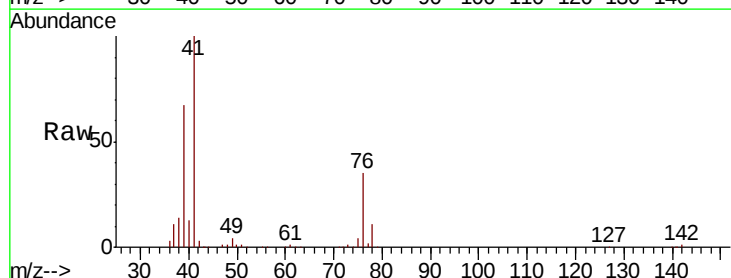
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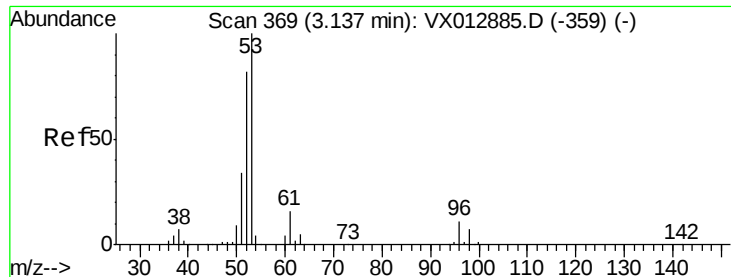
MMDadoda
10/10/2019 9:33:15 AM



#14
Allyl chloride
Concen: 53.414 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	41	39	76	Ratio	100	62.3	32.9	Resp	157044	Lower	51.0	26.2	Upper	76.6	39.4
Ion	41	39	76	Ratio	100	62.3	32.9	Resp	157044	Lower	51.0	26.2	Upper	76.6	39.4





#15

Acrylonitrile

Concen: 270.100 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

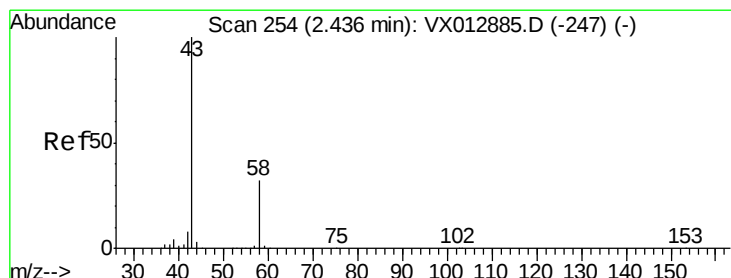
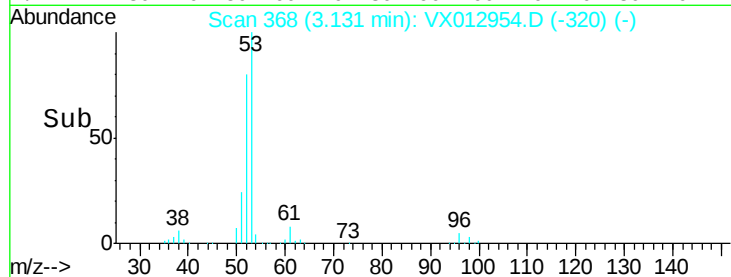
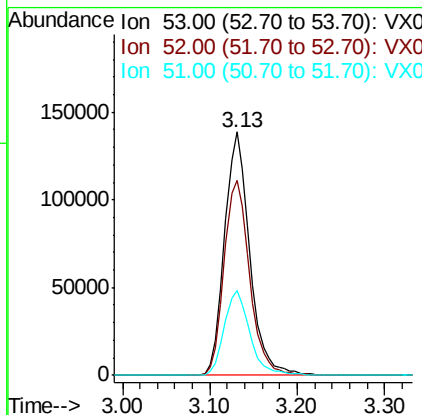
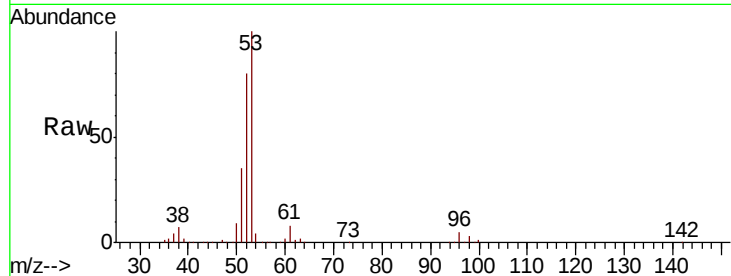
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:	53	Resp:	277073
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.2	99.2
51	35.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 215.944 ug/l

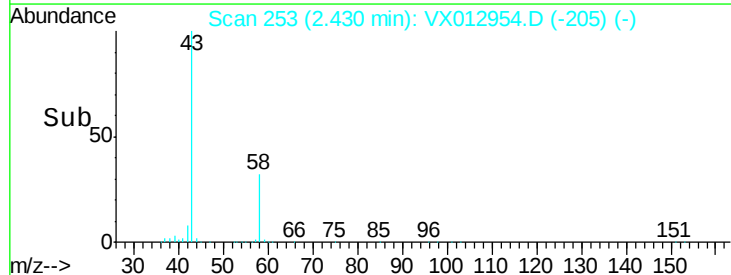
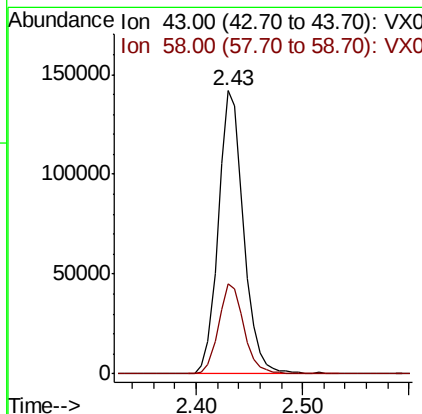
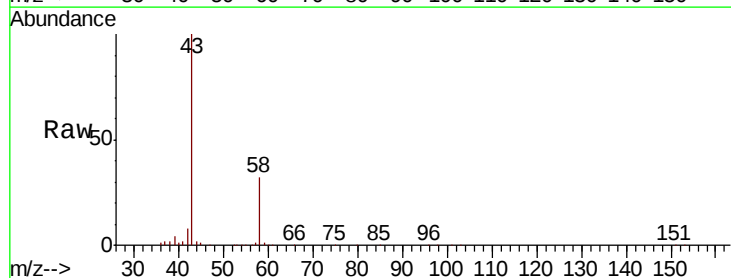
RT: 2.43 min Scan# 253

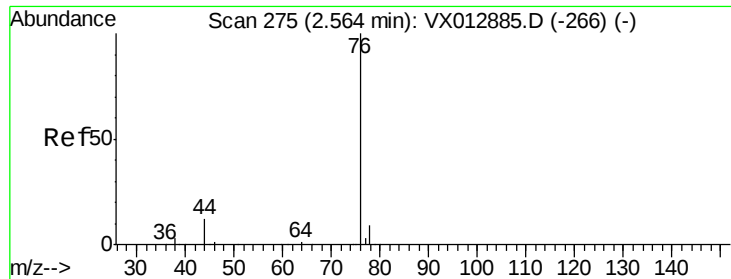
Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion:	43	Resp:	232425
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.2





#17

Carbon Disulfide

Concen: 50.160 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 76 Resp: 236132

Ion Ratio Lower Upper

76 100

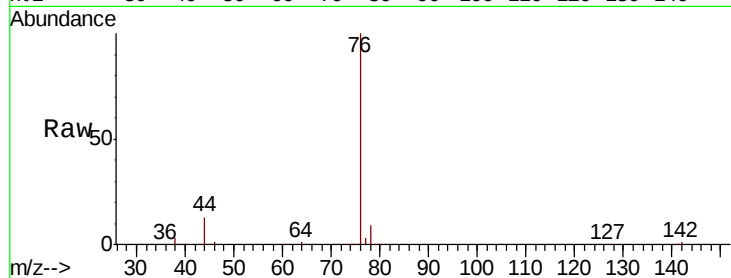
78 9.5 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

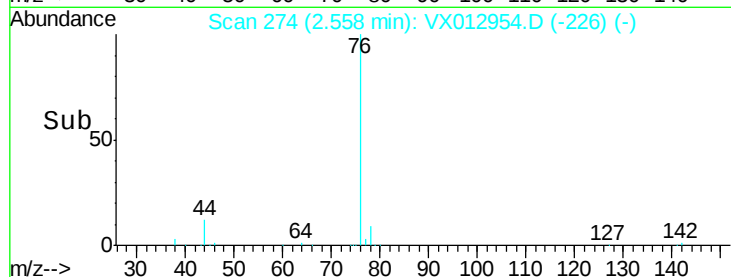
150000

100000

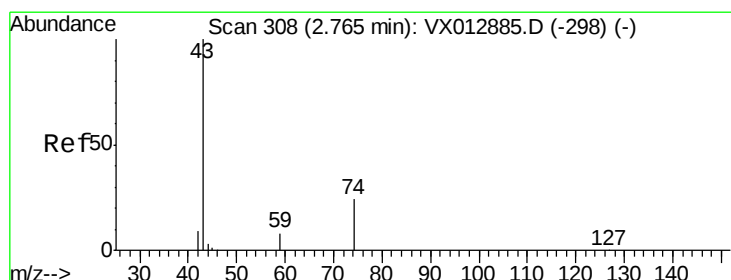
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 48.132 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012954.D

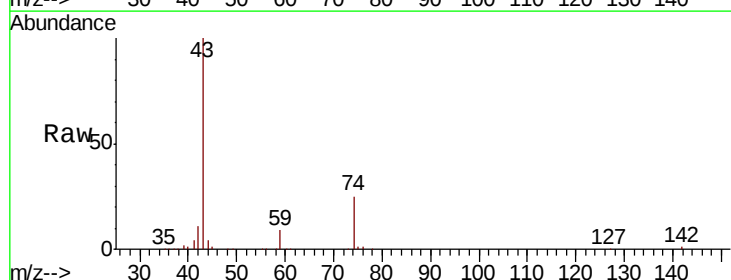
Acq: 09 Oct 2019 19:38

Tgt Ion: 43 Resp: 122793

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

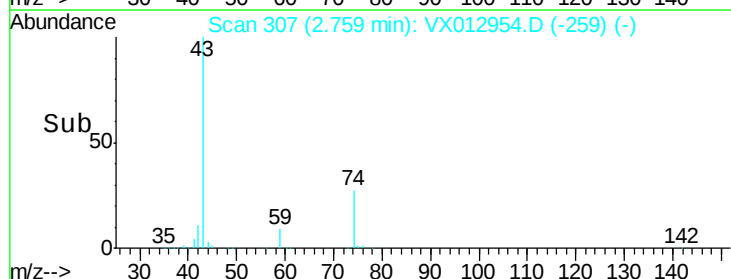
60000

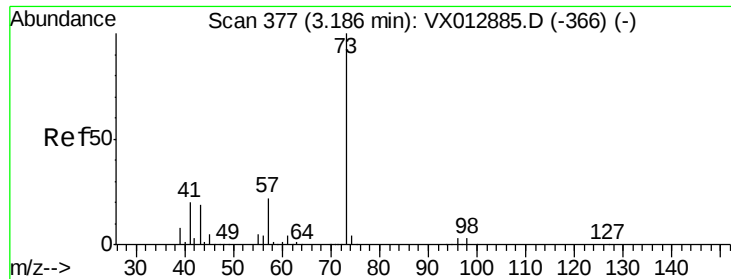
40000

20000

0

Time-->





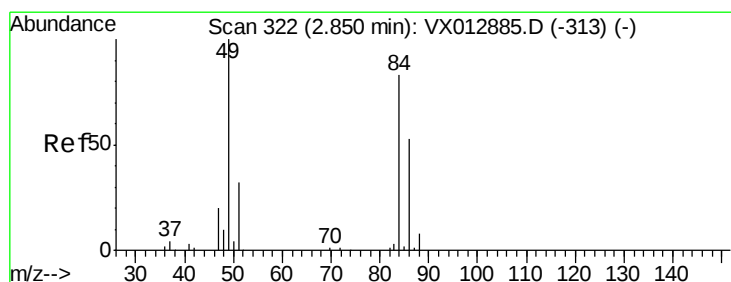
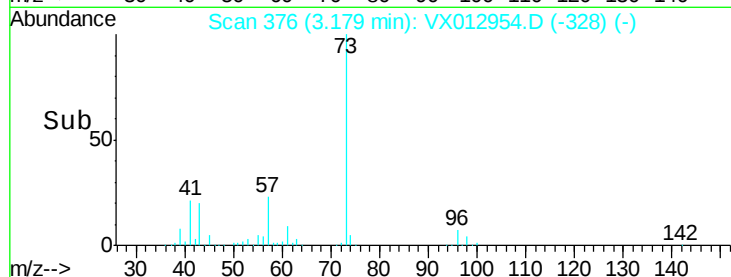
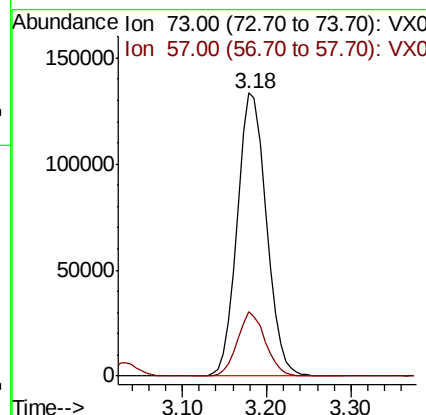
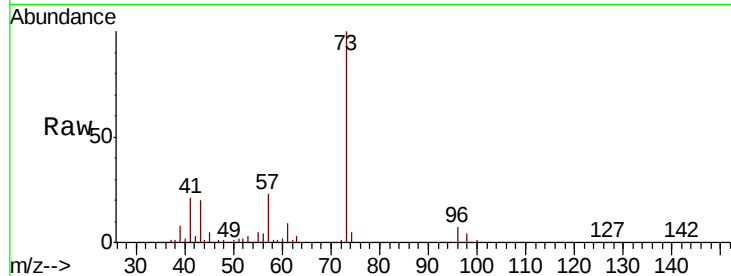
#19
Methyl tert-butyl Ether
Concen: 54.673 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.8	26.6

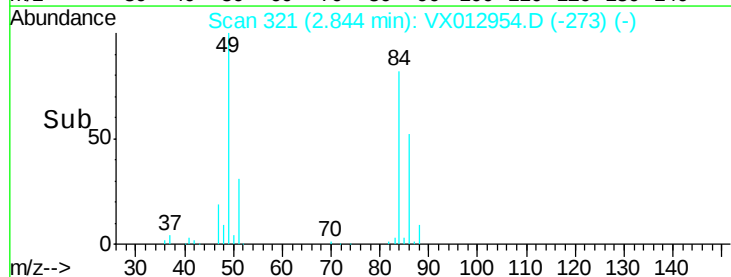
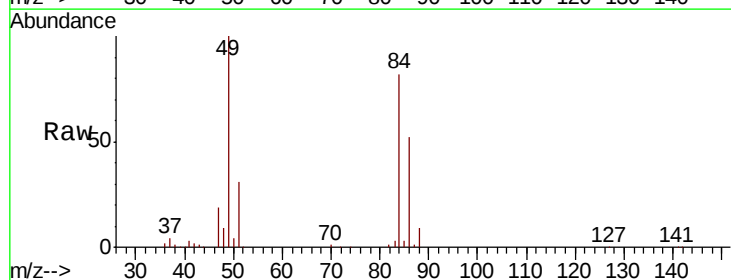
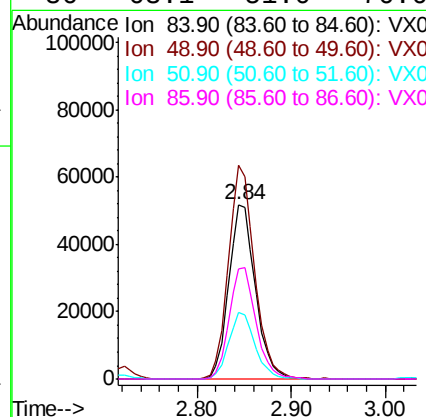
Manual Integrations
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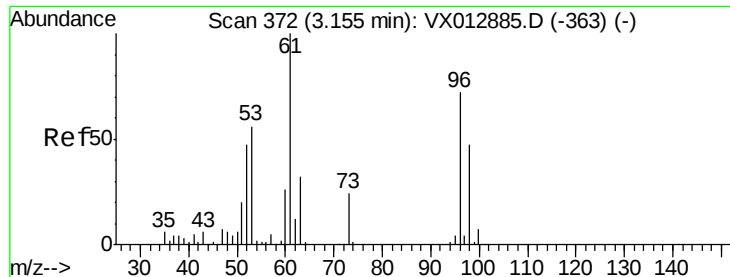
MMDadoda
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#20
Methylene Chloride
Concen: 51.416 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	96.6	144.8
51	38.2	30.7	46.1
86	63.1	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 53.367 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 96 Resp: 94435

Ion Ratio Lower Upper

96 100

61 138.4 110.4 165.6

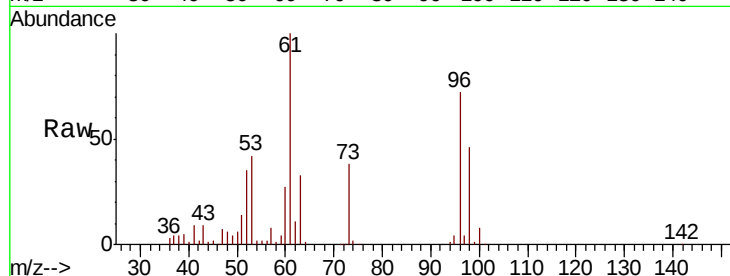
98 63.7 51.5 77.3

Manual Integrations

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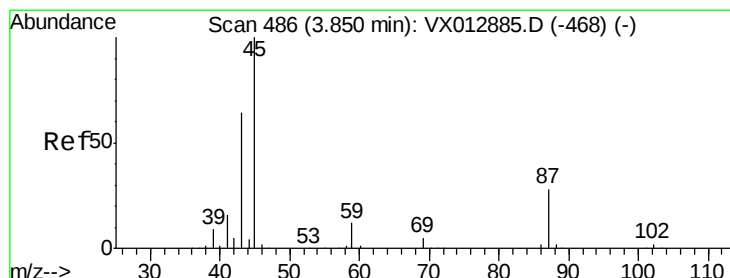
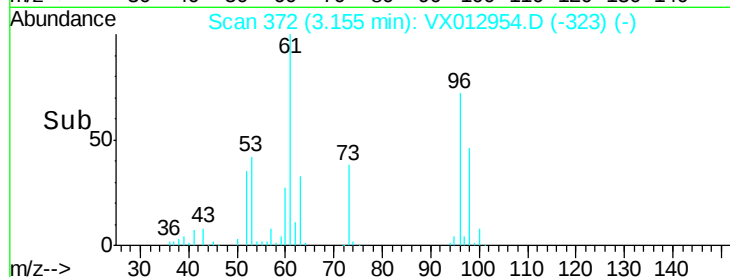
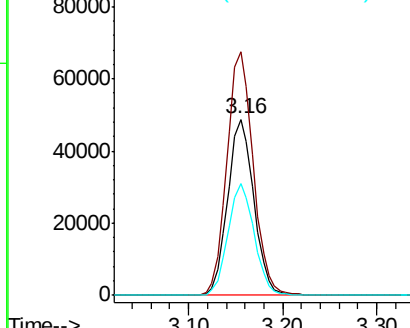


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.947 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion: 45 Resp: 309564

Ion Ratio Lower Upper

45 100

43 68.3 51.4 77.0

87 29.5 22.5 33.7

59 12.2 9.7 14.5

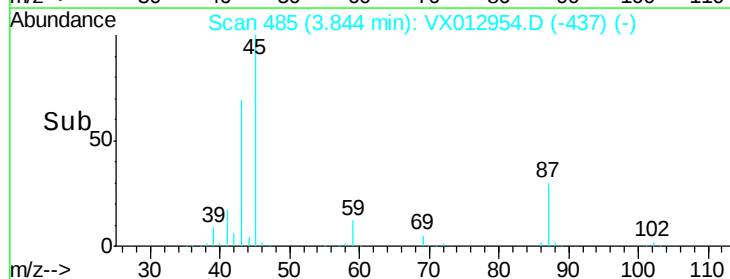
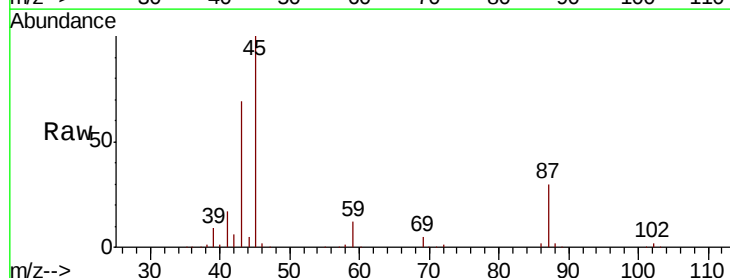
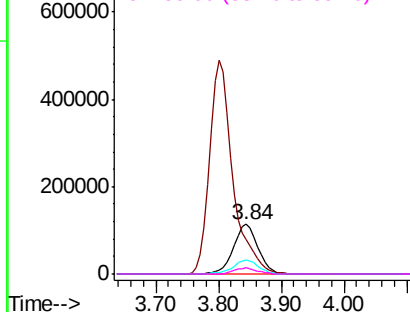
Abundance

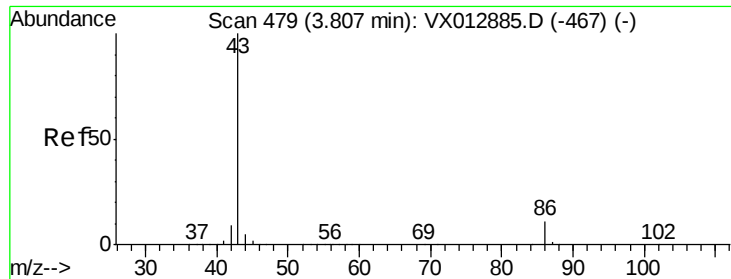
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.560 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 43 Resp: 1252667

Ion Ratio Lower Upper

43 100

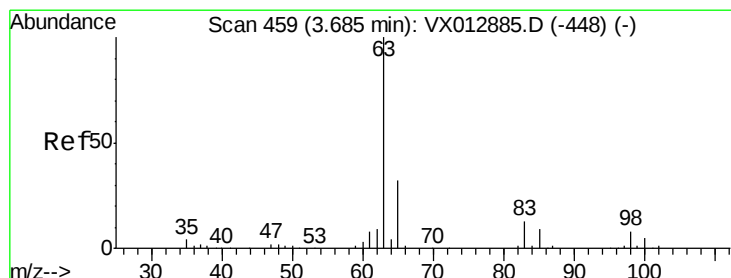
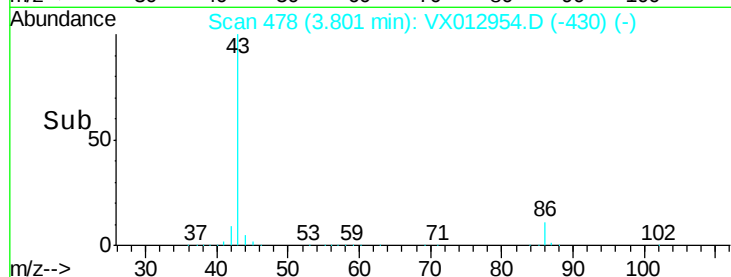
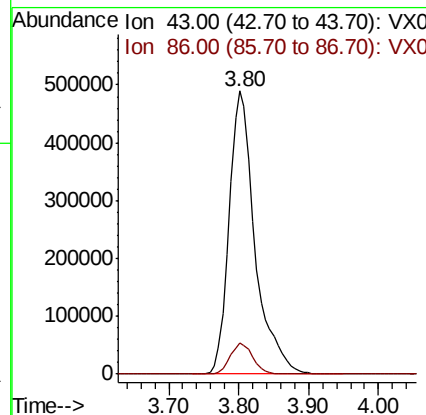
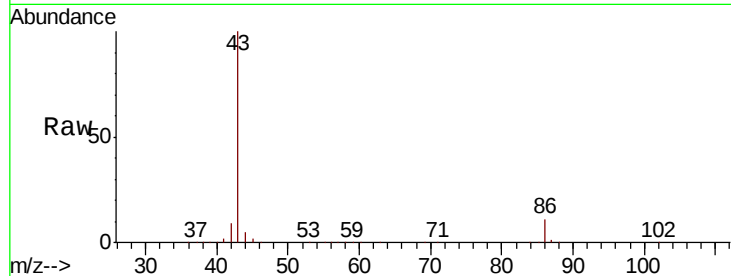
86 11.0 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 54.878 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

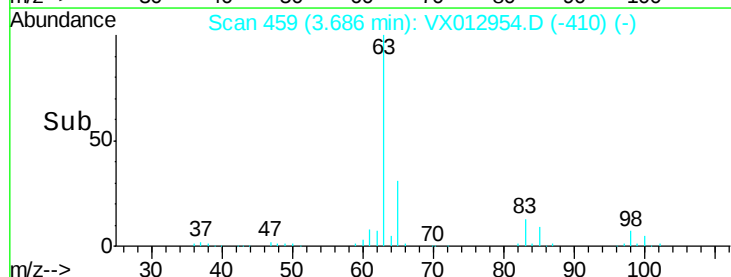
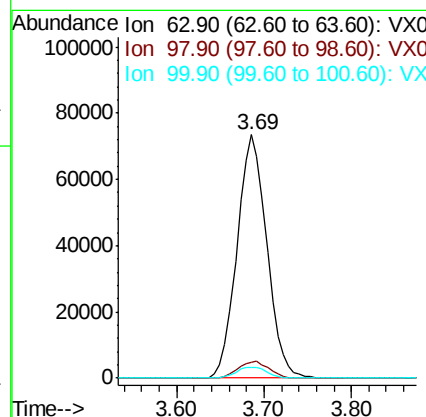
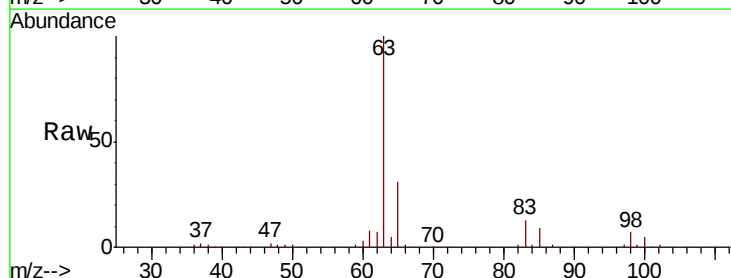
Tgt Ion: 63 Resp: 173936

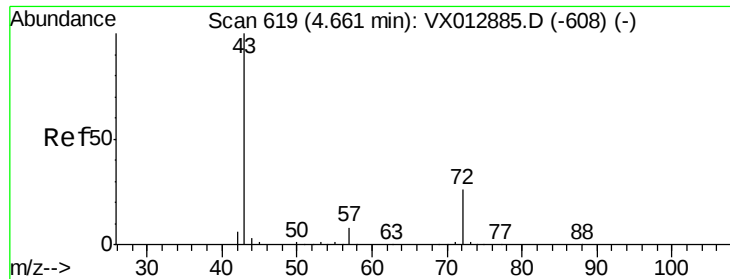
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 253.694 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 43 Resp: 378828

Ion Ratio Lower Upper

43 100

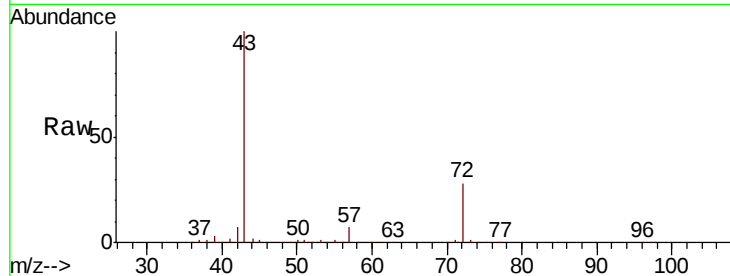
72 27.5 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

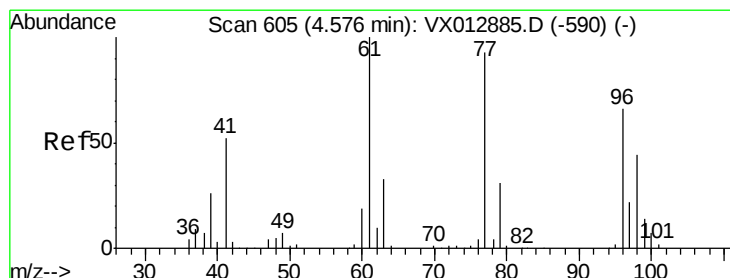
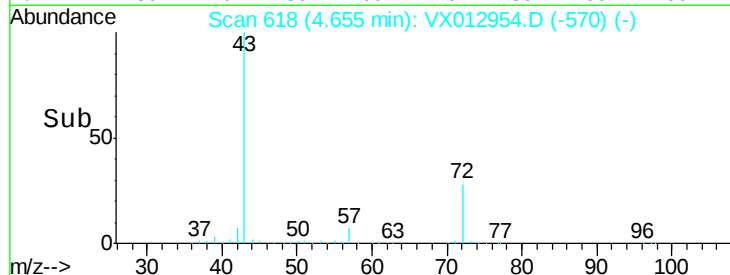
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.038 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012954.D

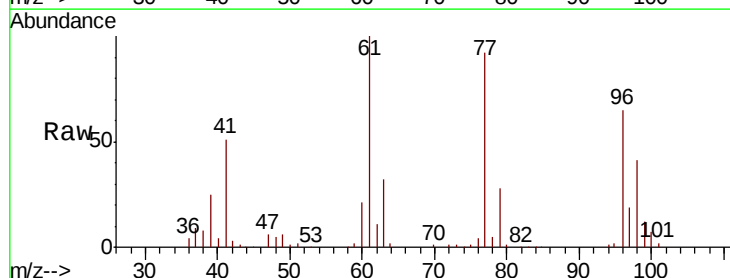
Acq: 09 Oct 2019 19:38

Tgt Ion: 77 Resp: 122703

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

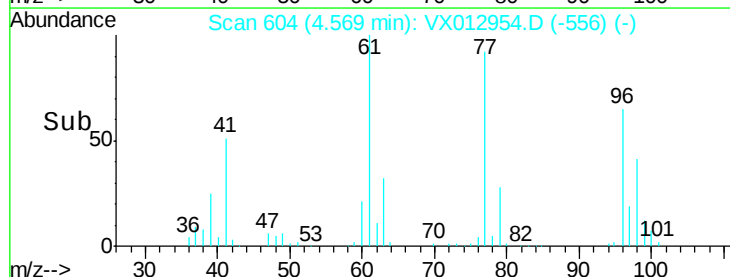
20000

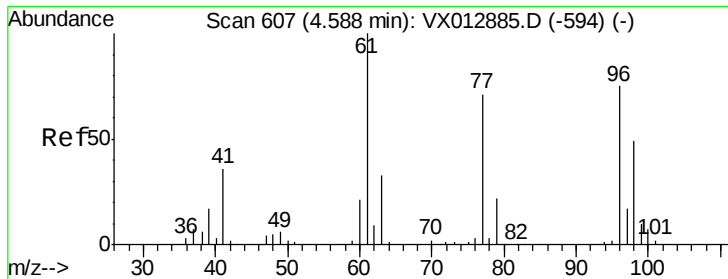
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

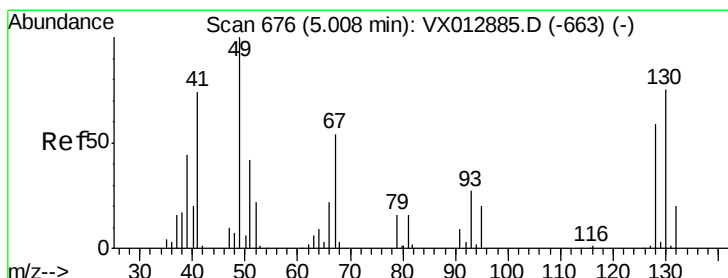
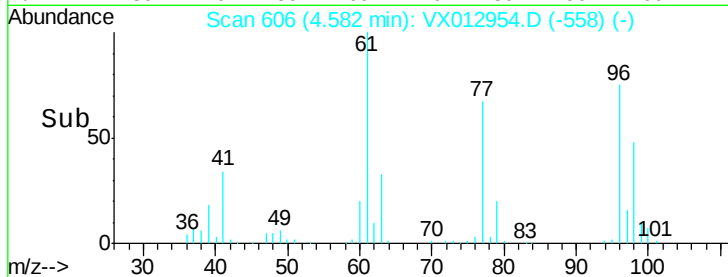
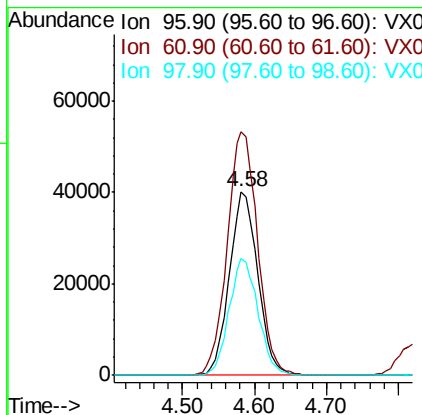
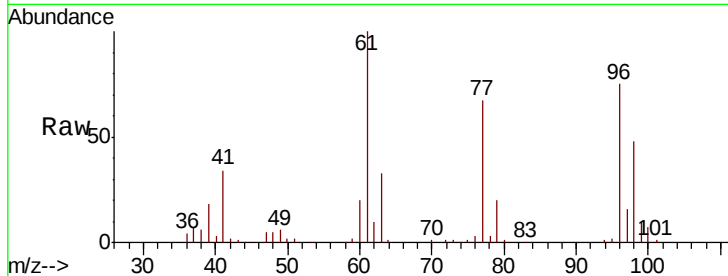
cis-1,2-Dichloroethene
Concen: 54.079 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110307		
61	141.9	0.0	290.6	
98	64.7	0.0	128.8	

Manual Integrations
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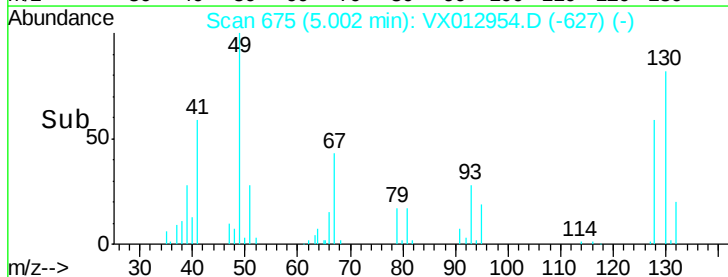
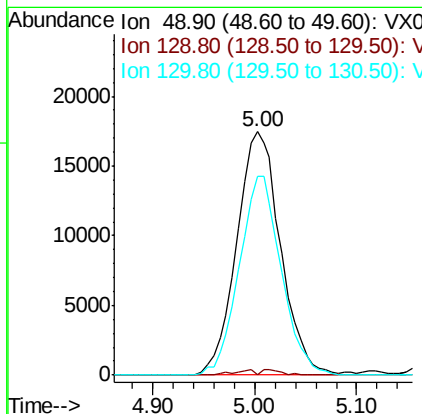
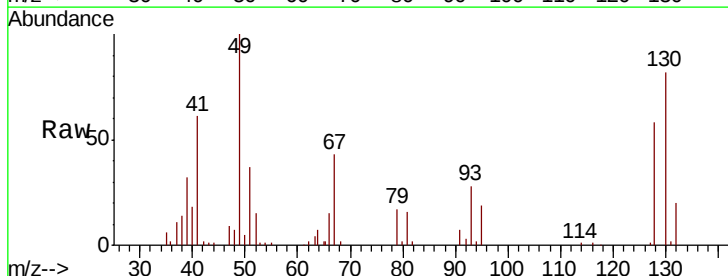
MMDadoda
10/10/2019 9:33:15 AM

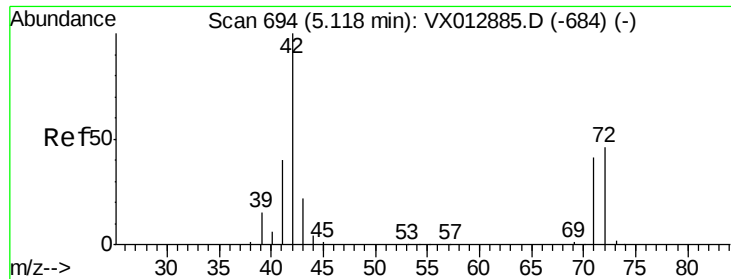


#28

Bromochloromethane
Concen: 54.966 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	52022		
129	0.9	0.0	4.2	
130	78.5	62.1	93.1	





#29

Tetrahydrofuran

Concen: 270.045 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

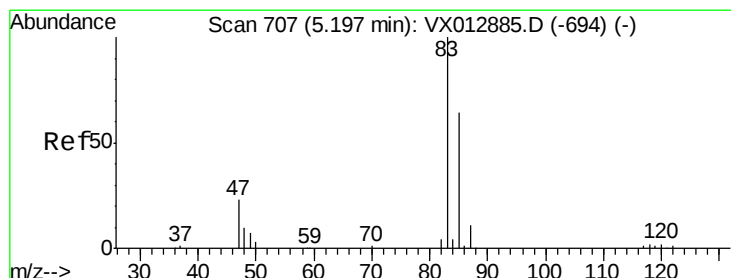
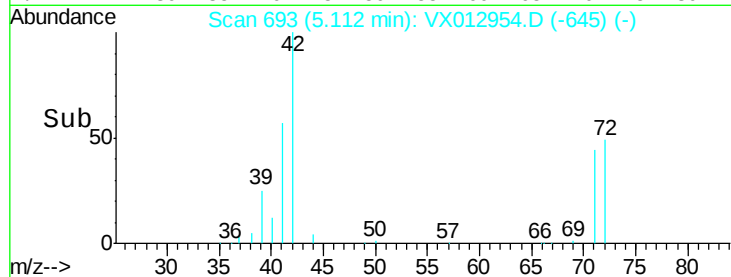
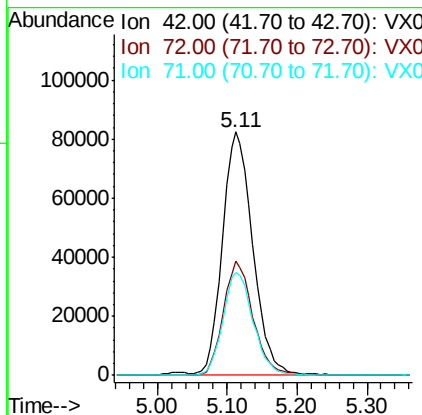
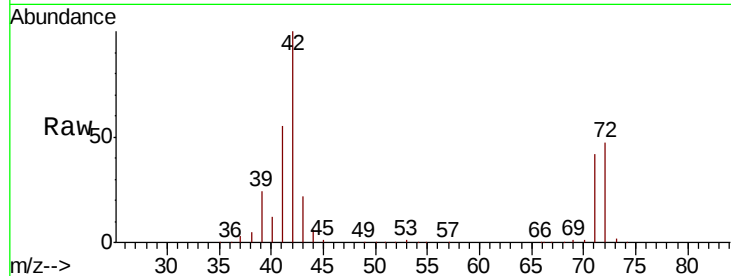
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:	42	Resp:	248142
Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.9	55.3
71	42.3	33.5	50.3

Manual Integrations
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10/10/2019 9:33:15 AM



#30

Chloroform

Concen: 53.466 ug/l

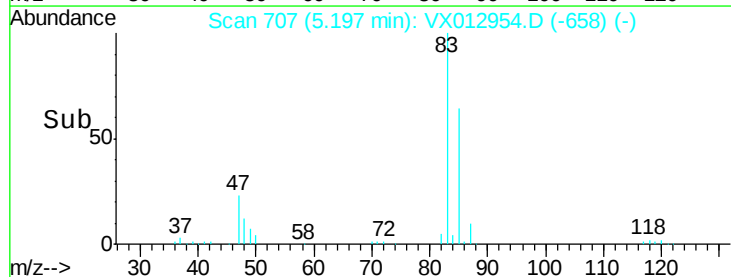
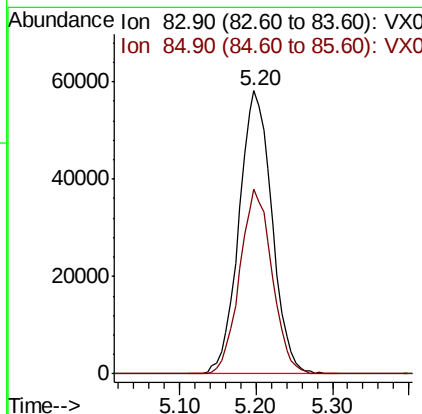
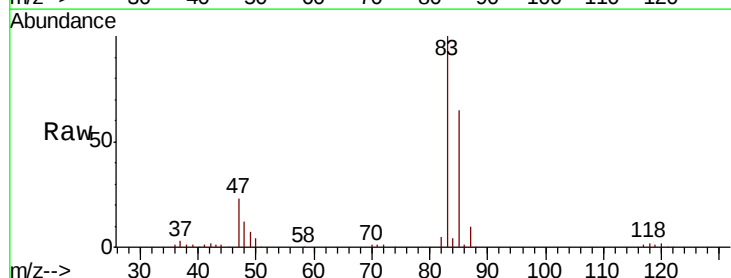
RT: 5.20 min Scan# 707

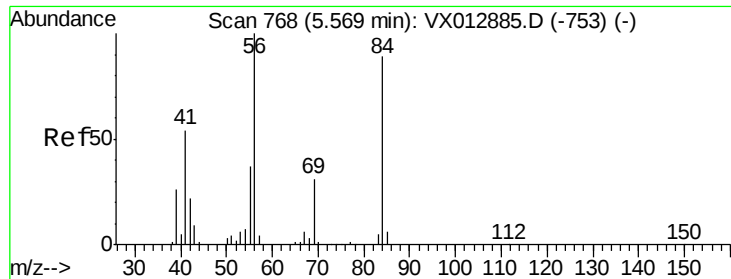
Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion:	83	Resp:	173881
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.5	77.3





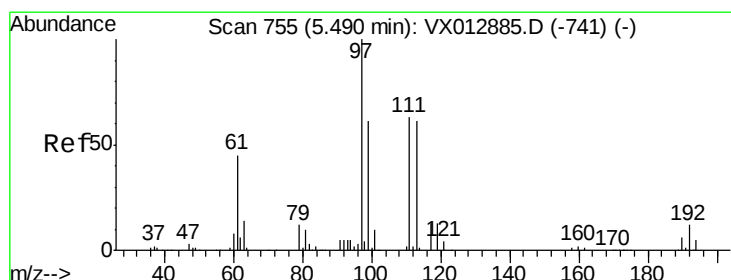
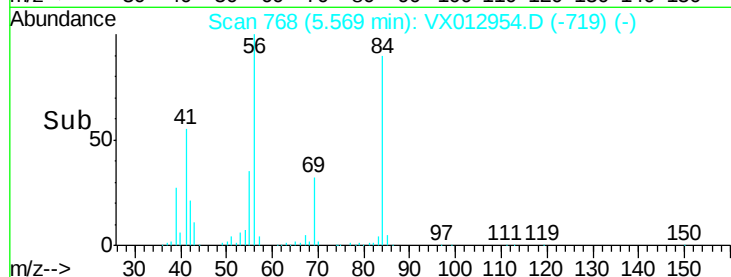
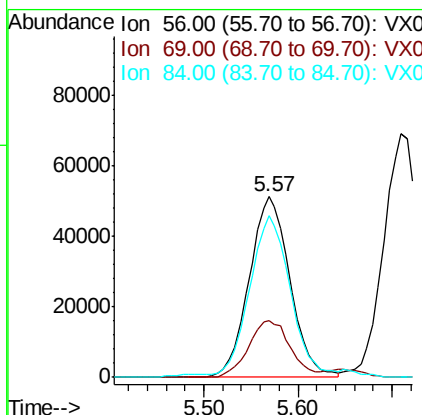
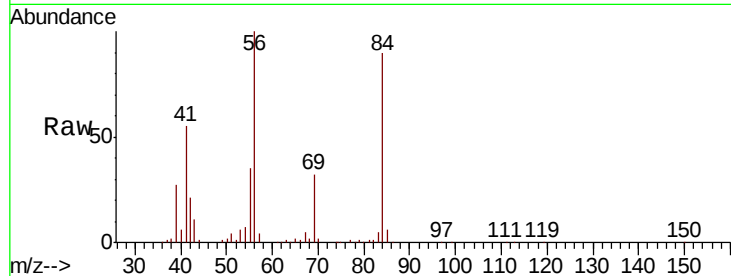
#31
Cyclohexane
Concen: 52.422 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.2	37.8
84	88.1	71.3	106.9

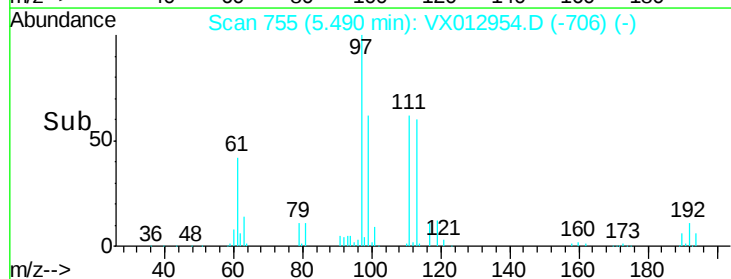
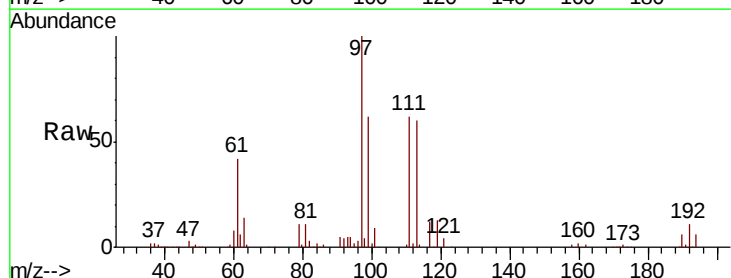
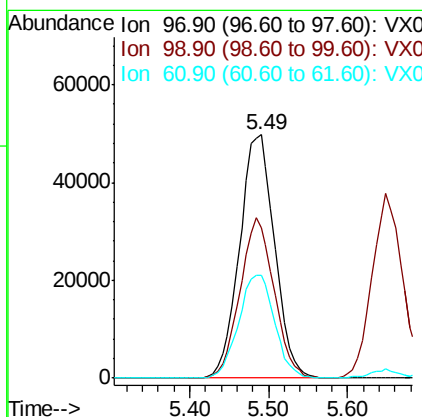
Manual Integrations
APPROVED

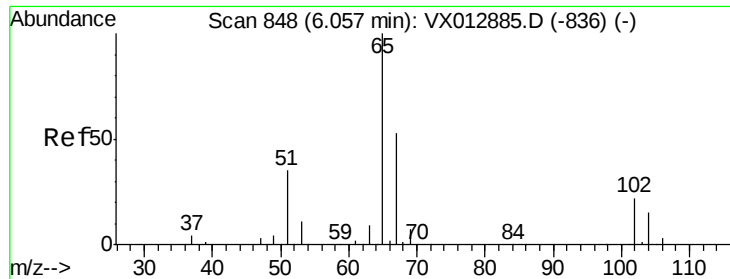
MMDadoda
10/10/2019 9:33:15 AM



#32
1,1,1-Trichloroethane
Concen: 55.736 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.3	78.5
61	43.7	35.0	52.4





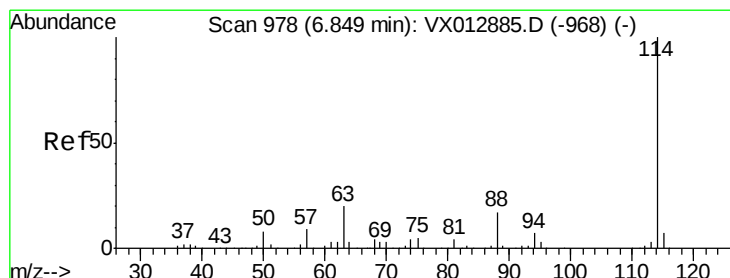
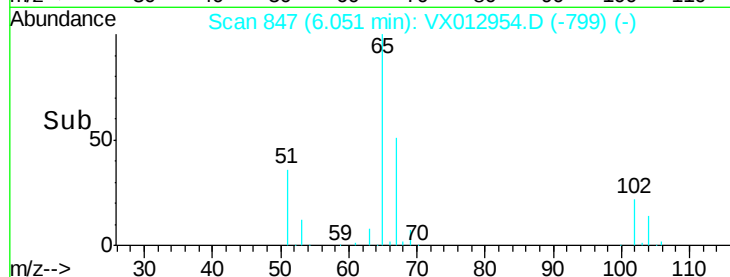
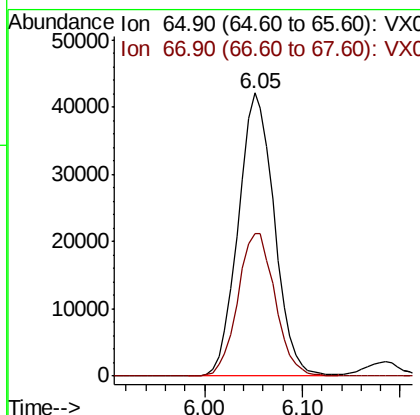
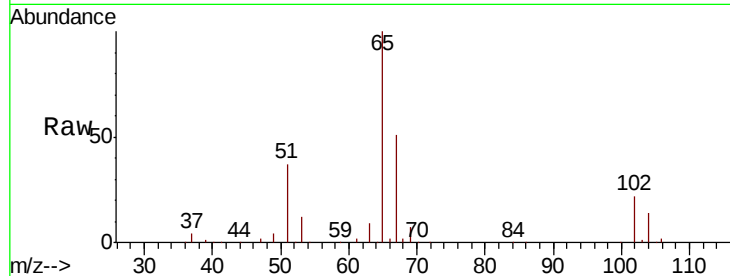
#33
 1,2-Dichloroethane-d4
 Concen: 53.018 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108261		
67	51.9	0.0	104.4	

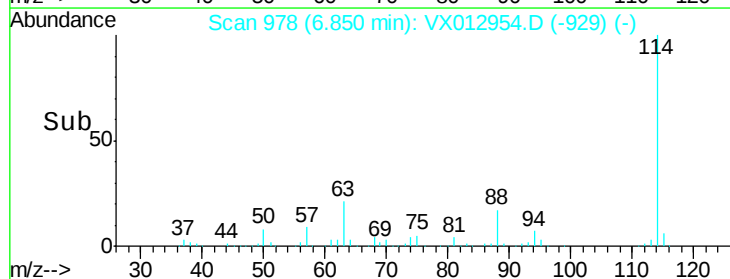
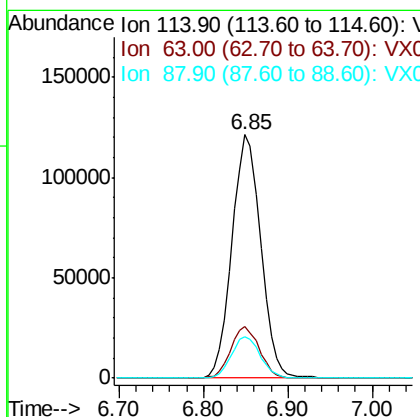
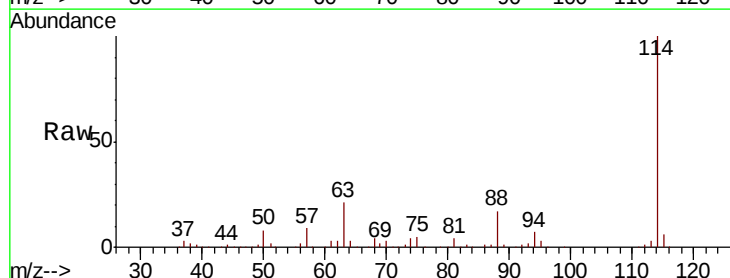
Manual Integrations
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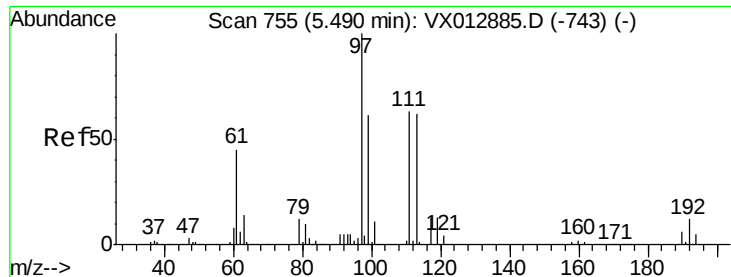
MMDadoda
 10/10/2019 9:33:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	280988		
63	21.0	0.0	40.8	
88	16.8	0.0	33.8	





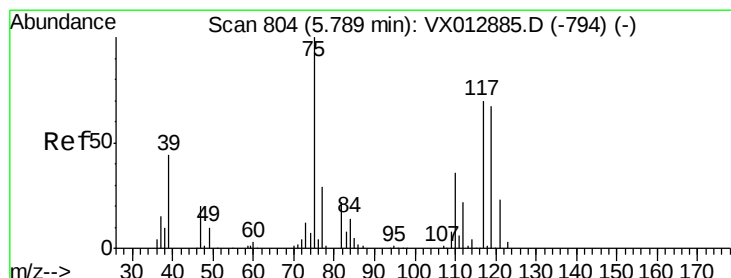
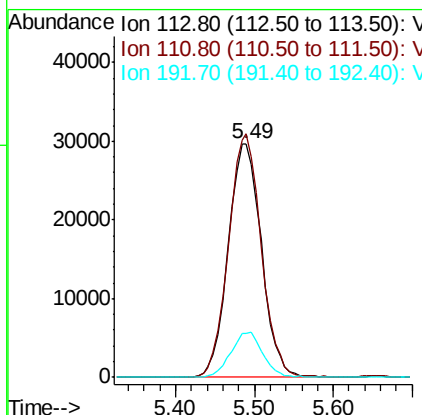
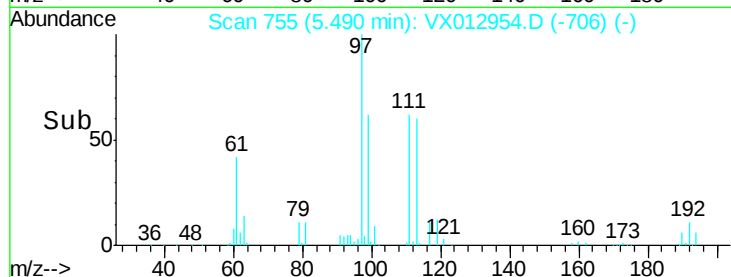
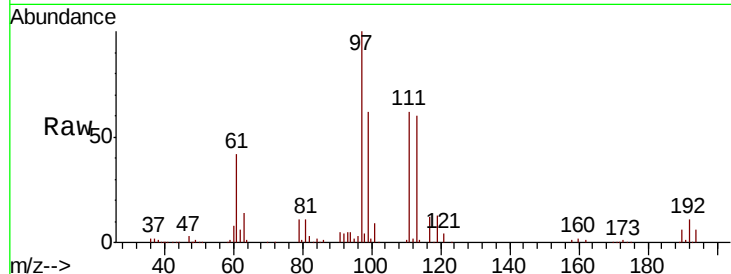
#35
 Dibromofluoromethane
 Concen: 53.913 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.2	124.8
192	18.6	15.4	23.2

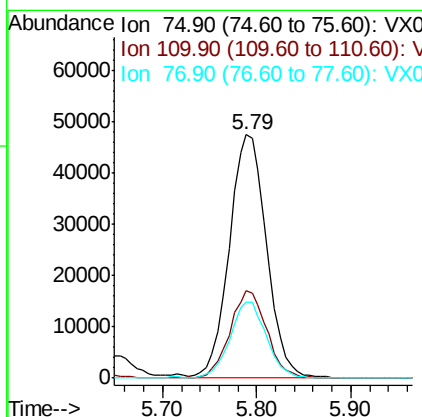
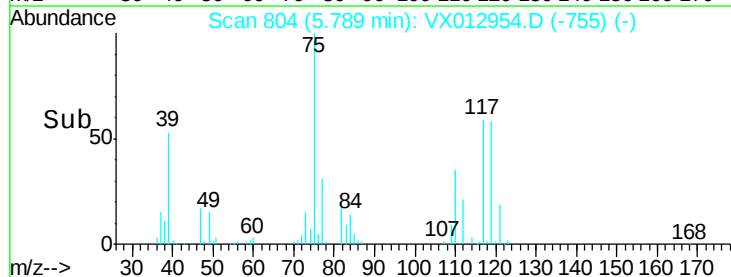
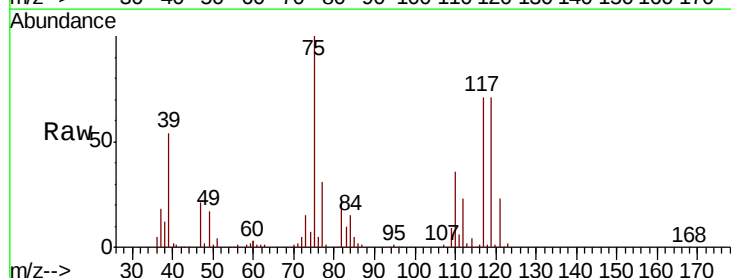
Manual Integrations
 APPROVED

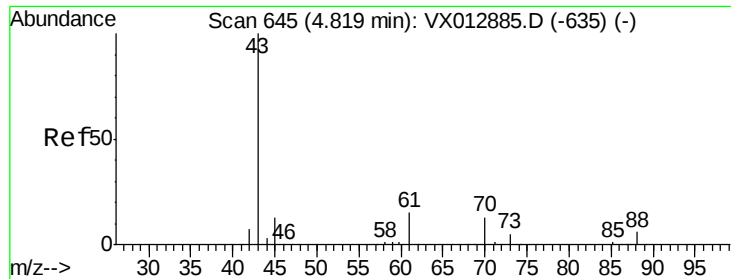
MMDadoda
 10/10/2019 9:33:15 AM



#36
 1,1-Dichloropropene
 Concen: 52.519 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.6	52.9
77	31.0	24.4	36.6





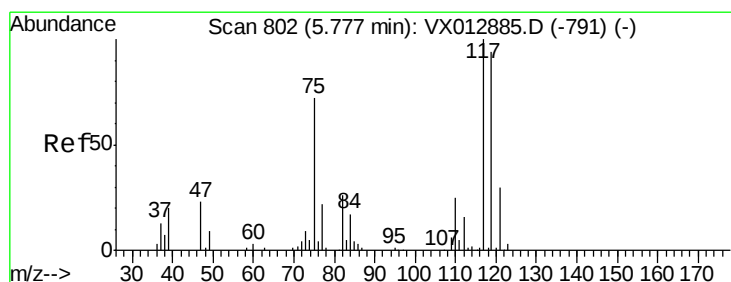
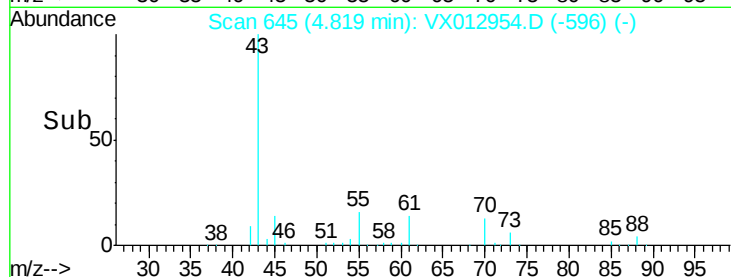
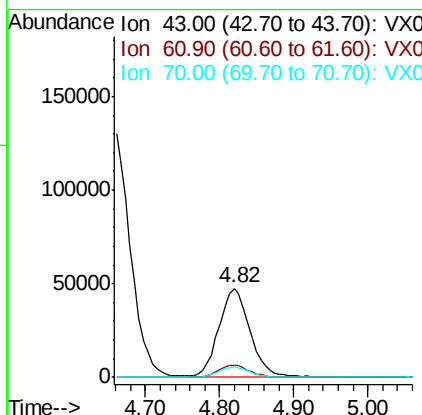
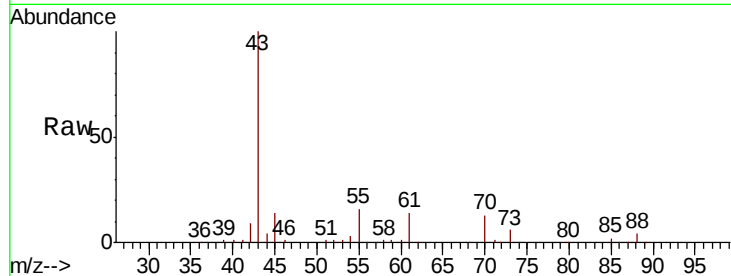
#37
Ethyl Acetate
Concen: 49.855 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	12.0	9.8	14.6

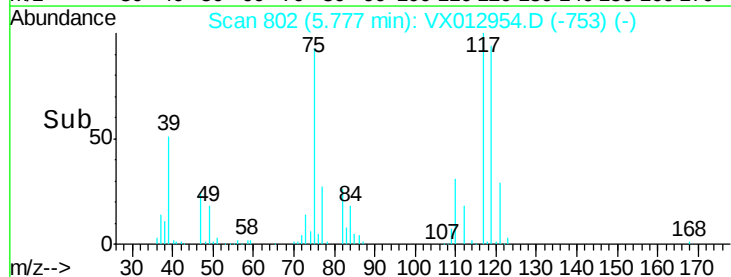
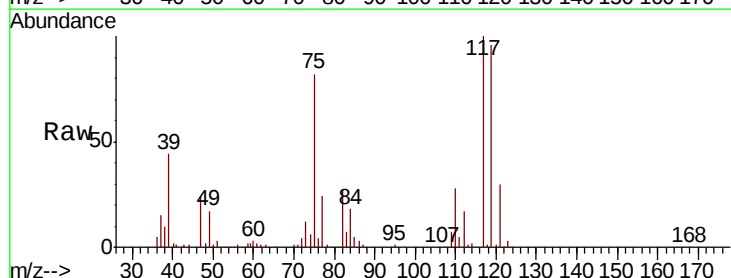
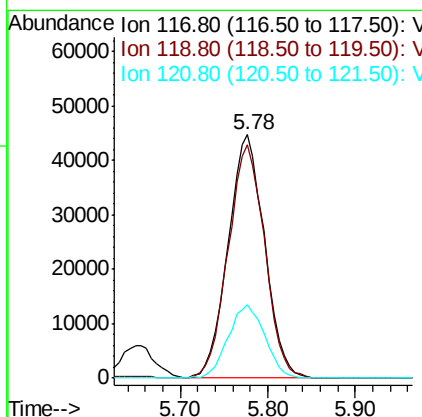
Manual Integrations
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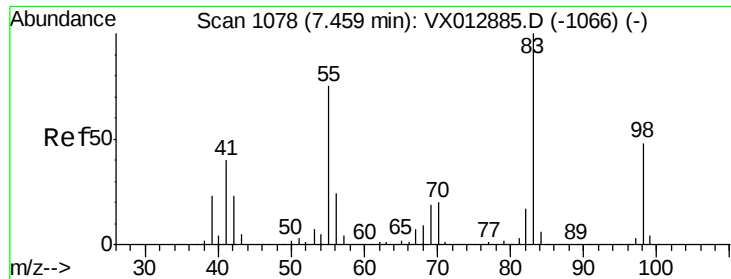
MMDadoda
10/10/2019 9:33:15 AM



#38
Carbon Tetrachloride
Concen: 53.769 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.5	111.7
121	30.0	24.2	36.4





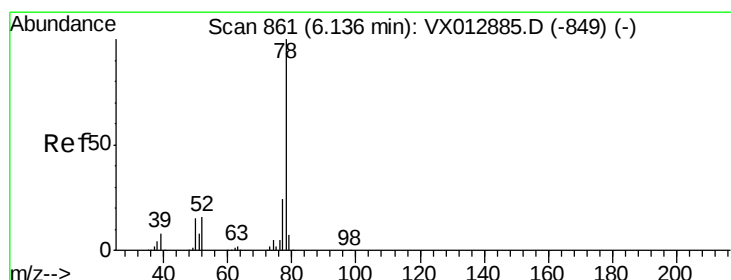
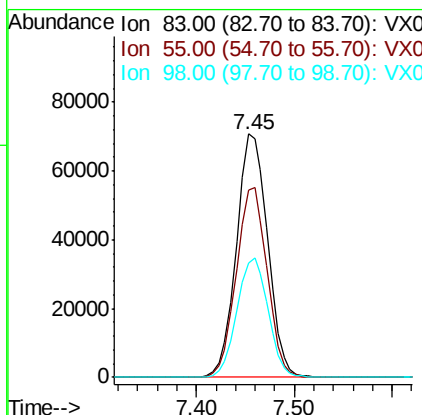
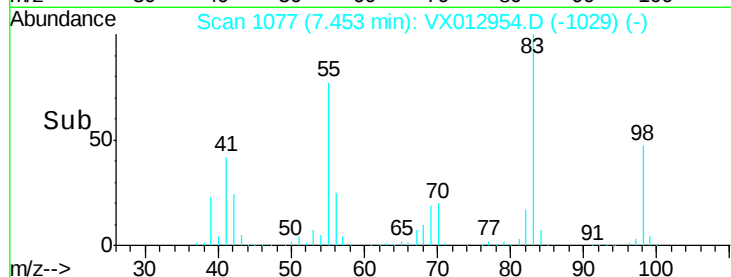
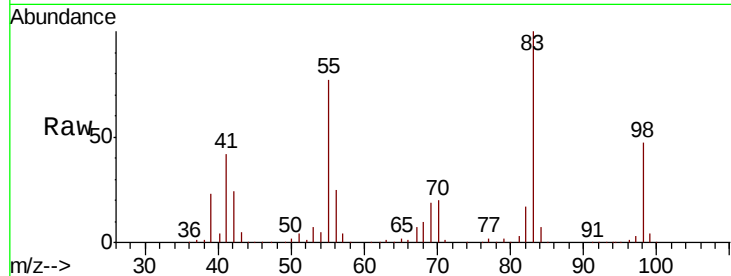
#39
Methvlcvclohexane
Concen: 52.275 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.8	60.2	90.4	
98	46.8	38.5	57.7	

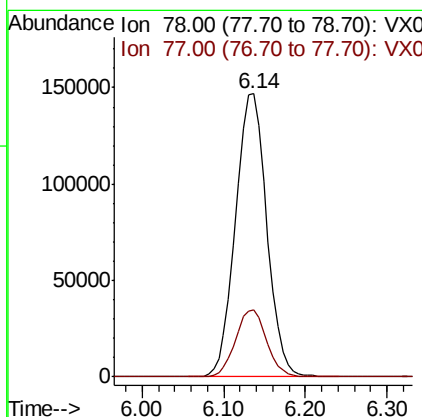
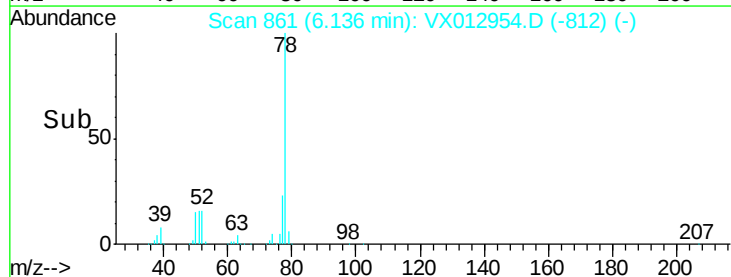
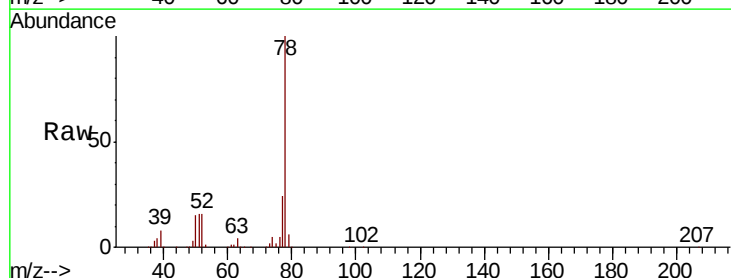
Manual Integrations
APPROVED

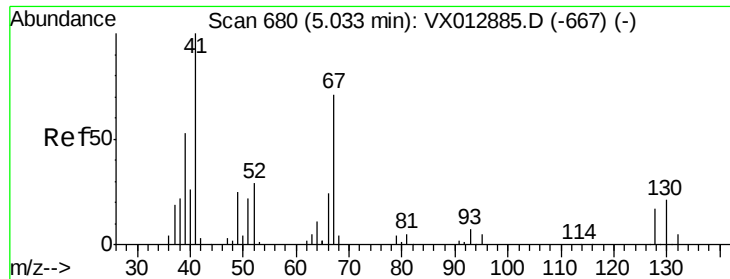
MMDadoda
10/10/2019 9:33:15 AM



#40
Benzene
Concen: 53.597 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.0	28.4	





#41

Methacrylonitrile

Concen: 52.237 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 41 Resp: 79292

Ion Ratio Lower Upper

41 100

39 54.8 44.0 66.0

67 74.6 58.5 87.7

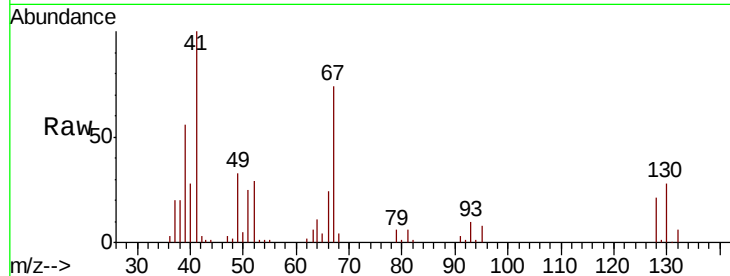
52 29.4 23.8 35.8

Manual Integrations

APPROVED

MMDadoda

10/10/2019 9:33:15 AM

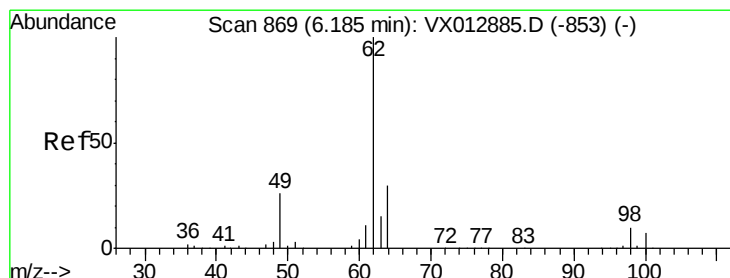
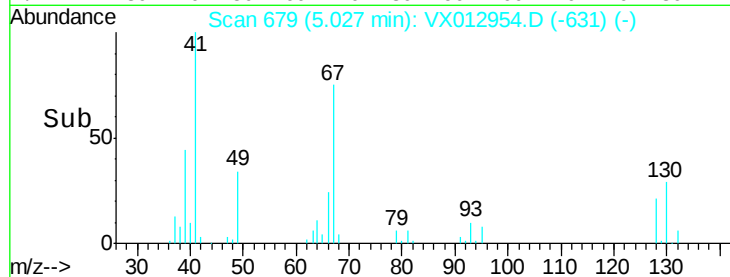
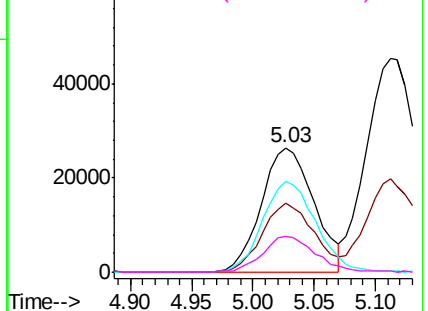


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.837 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012954.D

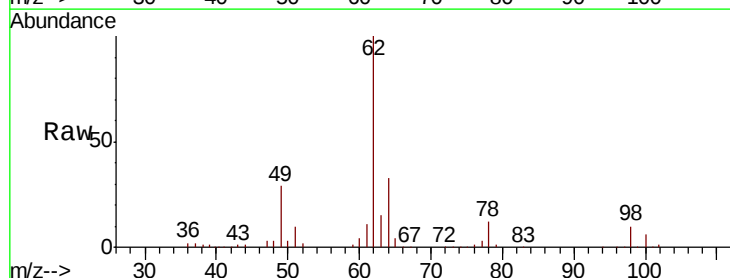
Acq: 09 Oct 2019 19:38

Tgt Ion: 62 Resp: 140956

Ion Ratio Lower Upper

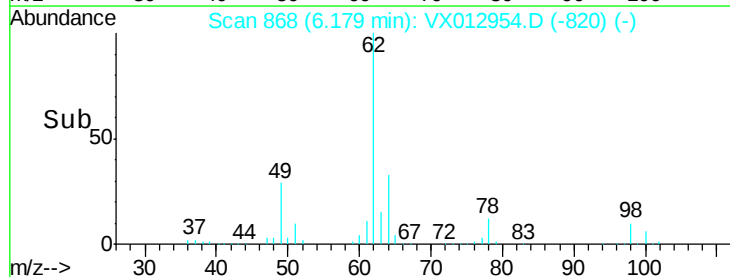
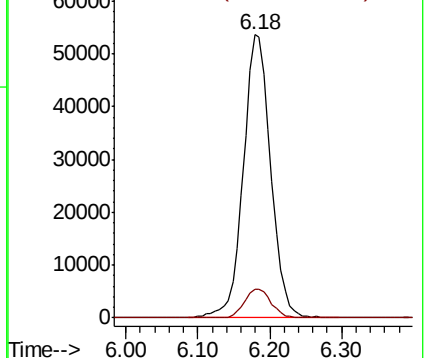
62 100

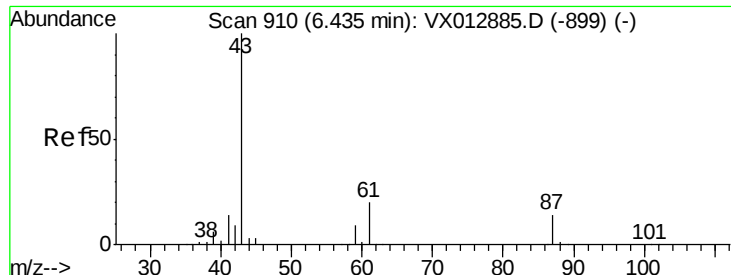
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.517 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

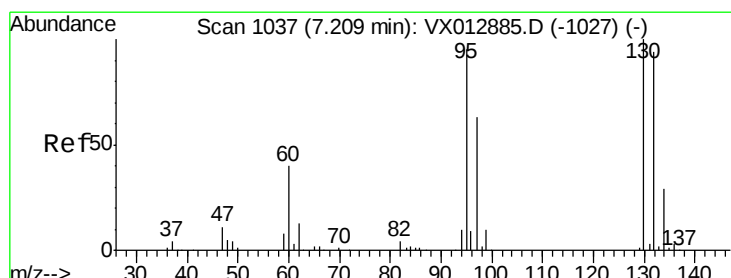
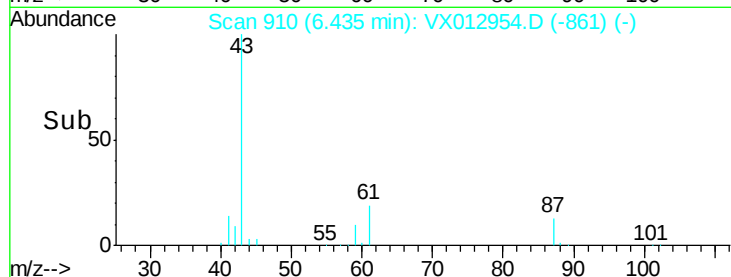
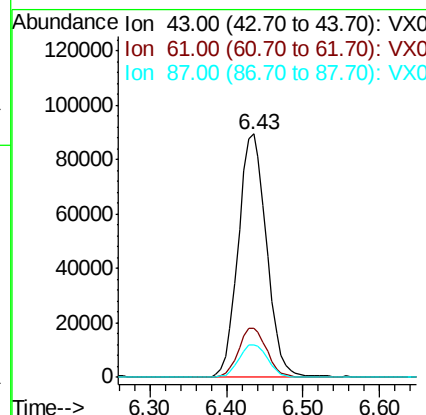
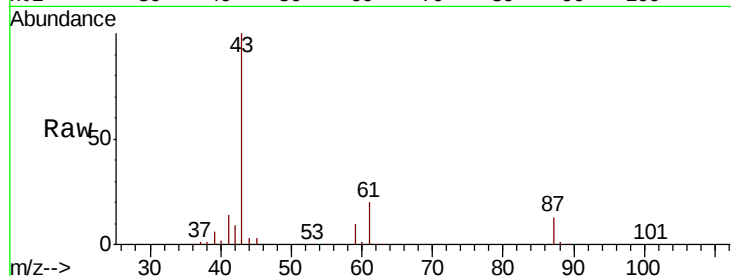
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:	43	Resp:	228419
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.6	11.0	16.6

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#44

Trichloroethene

Concen: 49.719 ug/l

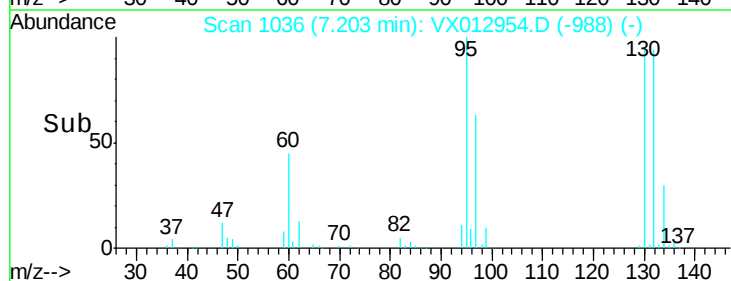
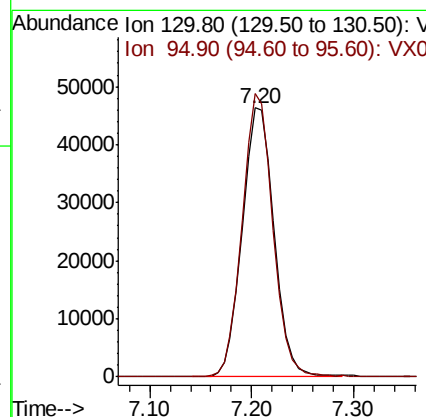
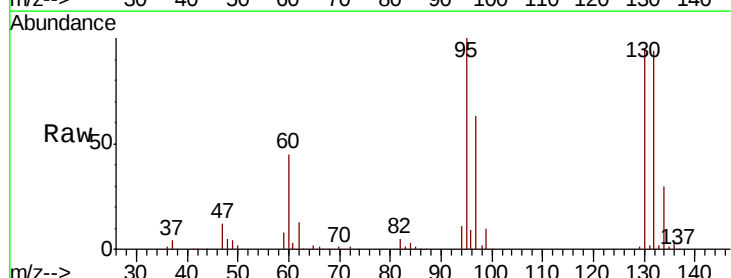
RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion:	130	Resp:	100598
Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	189.2





#45

1,2-Dichloropropane

Concen: 53.812 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 63 Resp: 100072

Ion Ratio Lower Upper

63 100

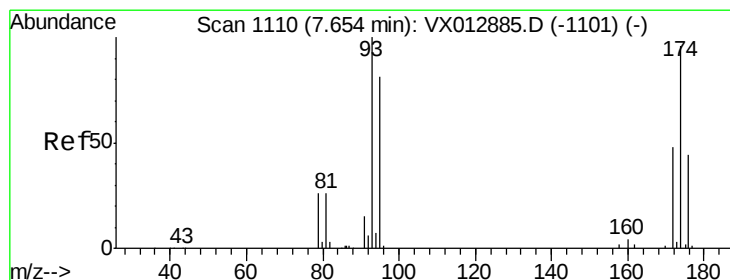
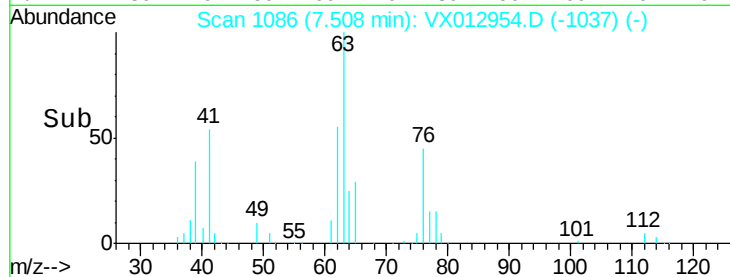
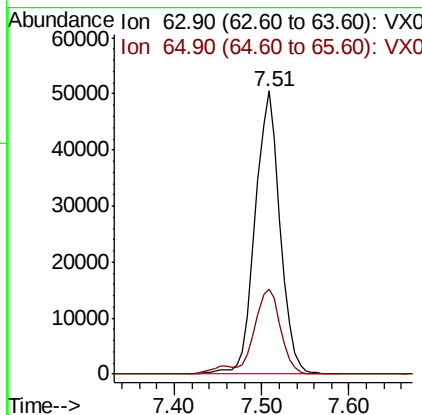
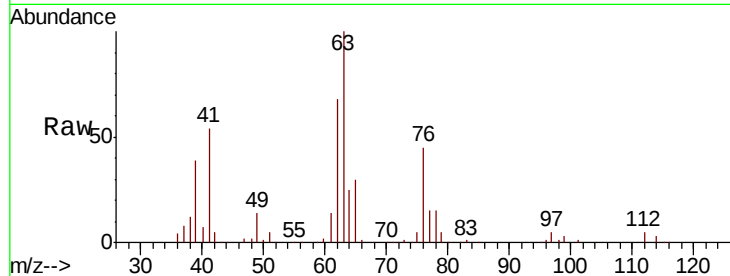
65 30.0 24.6 37.0

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#46

Dibromomethane

Concen: 54.512 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

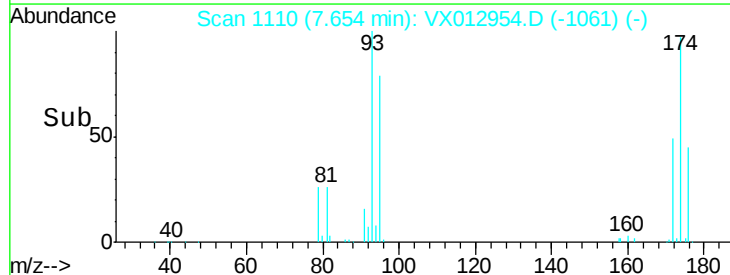
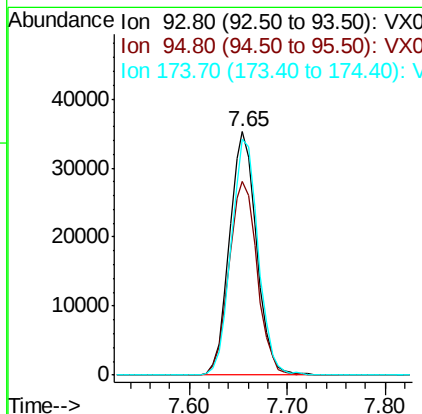
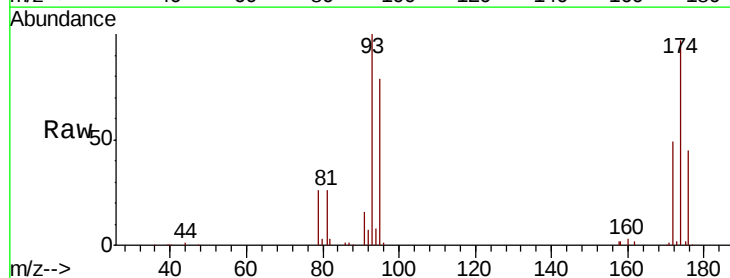
Tgt Ion: 93 Resp: 67541

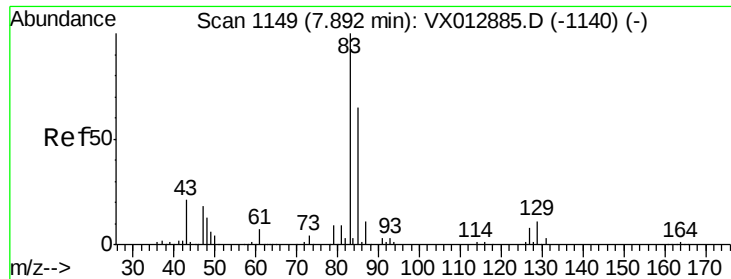
Ion Ratio Lower Upper

93 100

95 82.8 66.3 99.5

174 96.9 77.8 116.6





#47

Bromodichloromethane

Concen: 55.304 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

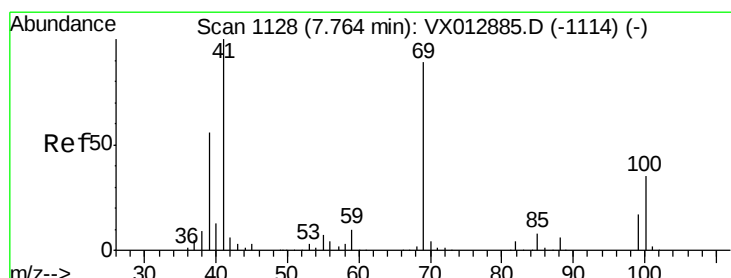
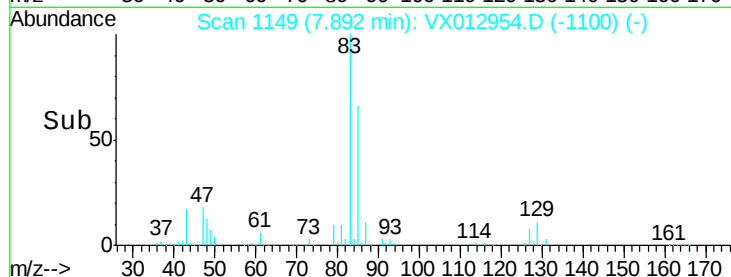
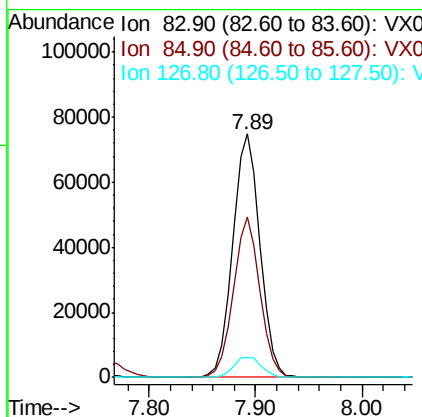
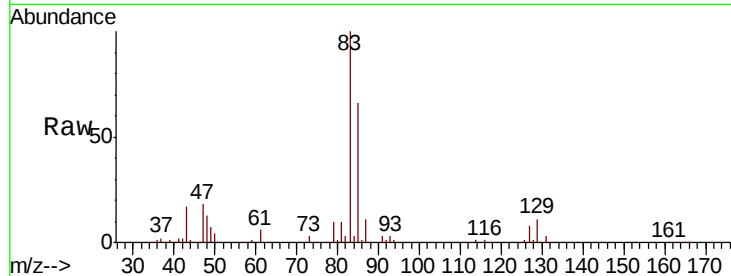
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:	83	Resp:	133722
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6
127	8.0	6.6	10.0

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#48

Methyl methacrylate

Concen: 53.426 ug/l

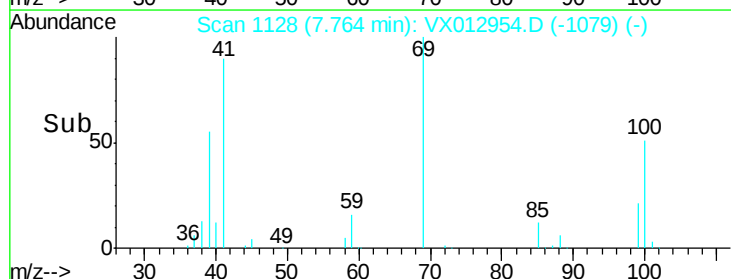
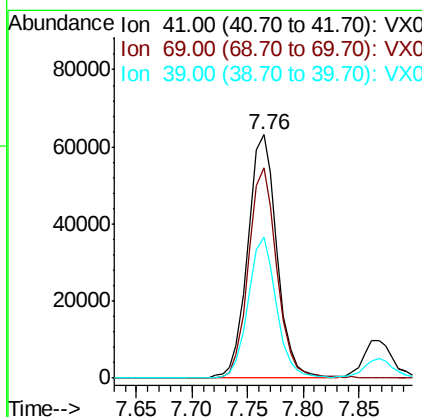
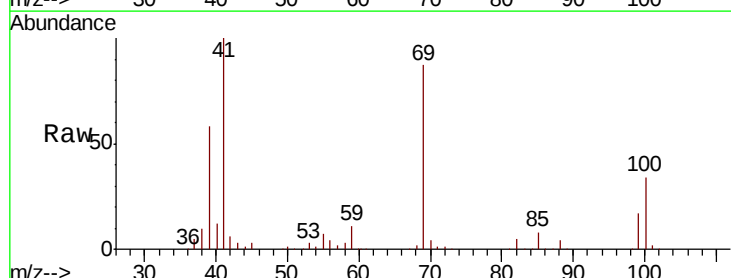
RT: 7.76 min Scan# 1128

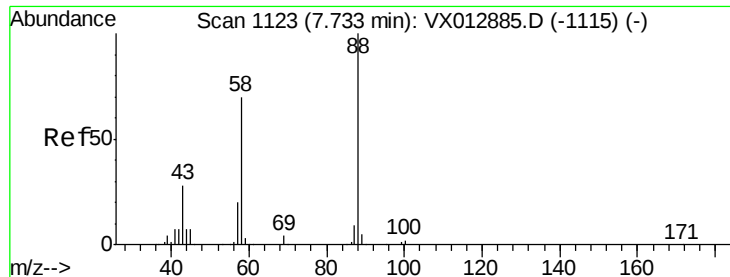
Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion:	41	Resp:	115434
Ion	Ratio	Lower	Upper
41	100		
69	84.4	68.7	103.1
39	56.2	44.3	66.5





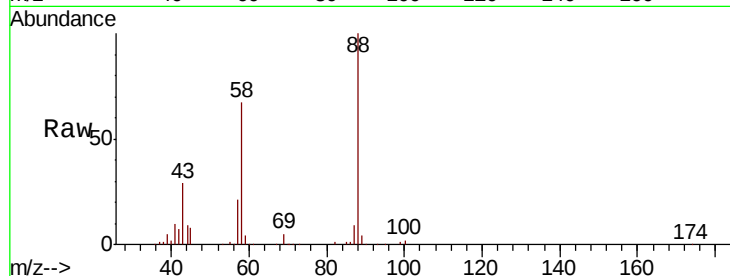
#49
1,4-Dioxane
Concen: 1006.669 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

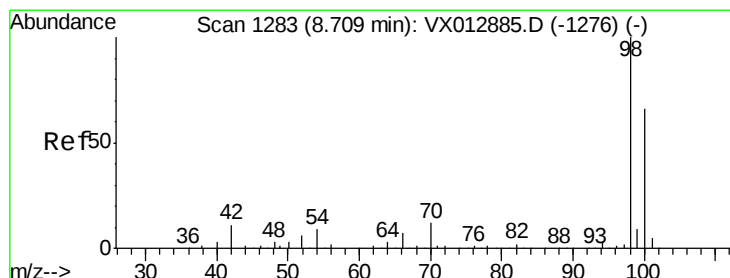
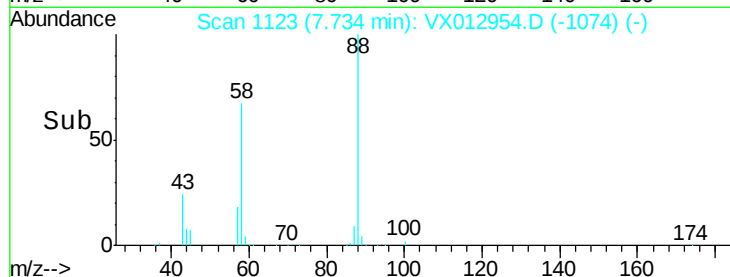
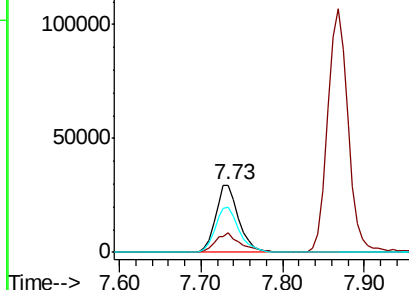
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.0	37.6
58	69.7	55.4	83.2

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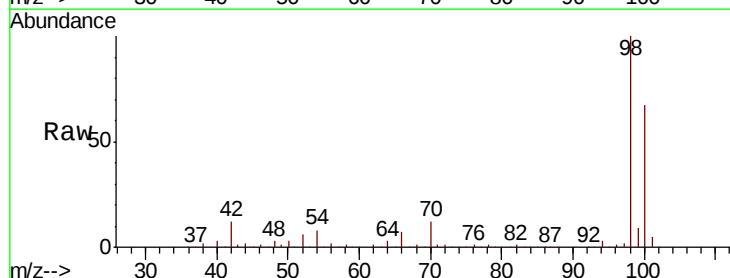


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

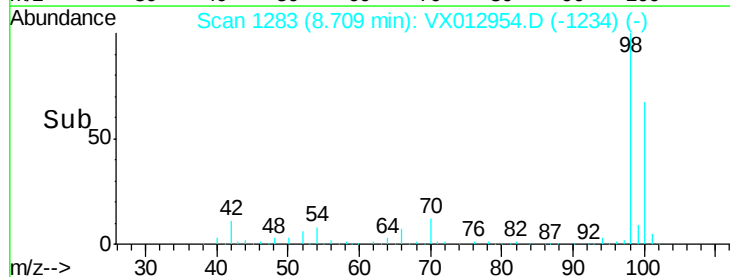
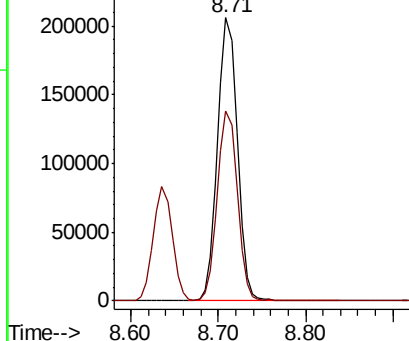


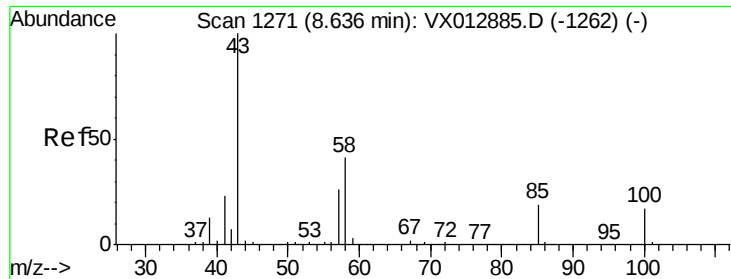
#50
Toluene-d8
Concen: 51.811 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.4	80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 267.263 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 43 Resp: 738819

Ion Ratio Lower Upper

43 100

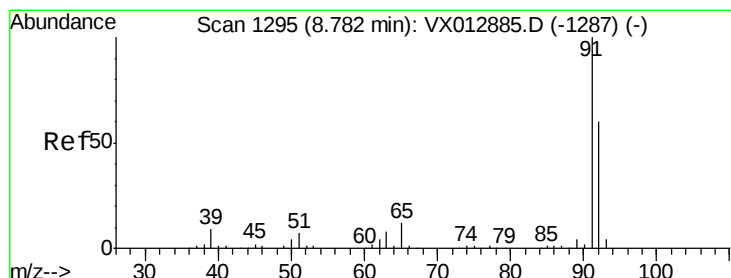
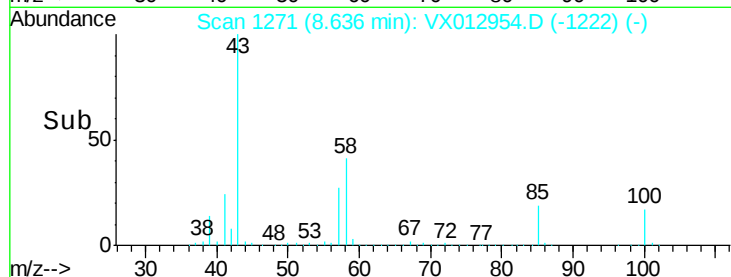
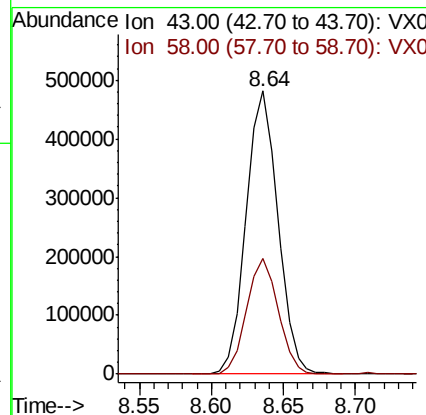
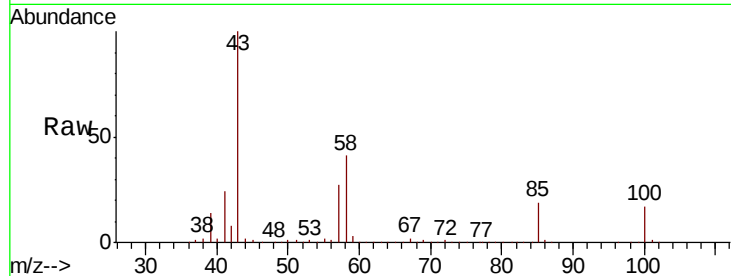
58 40.7 32.4 48.6

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#52

Toluene

Concen: 53.654 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012954.D

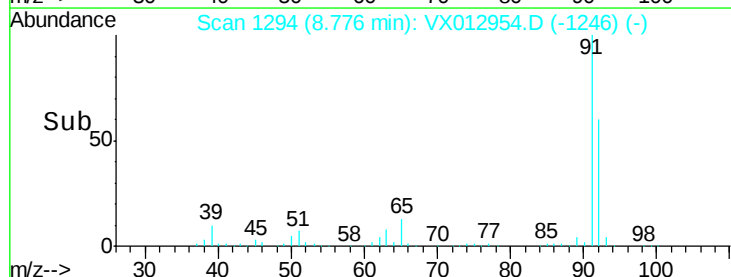
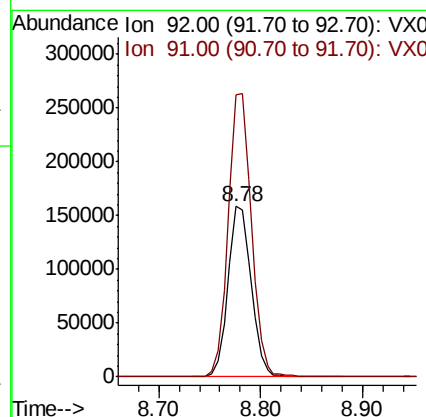
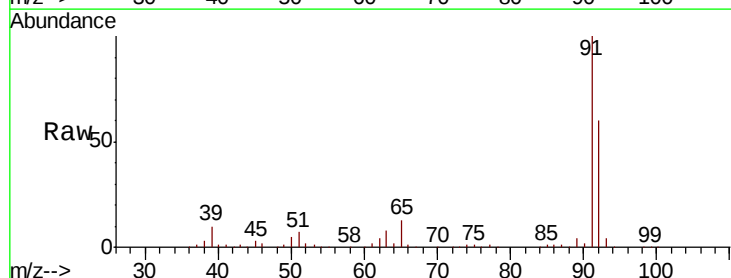
Acq: 09 Oct 2019 19:38

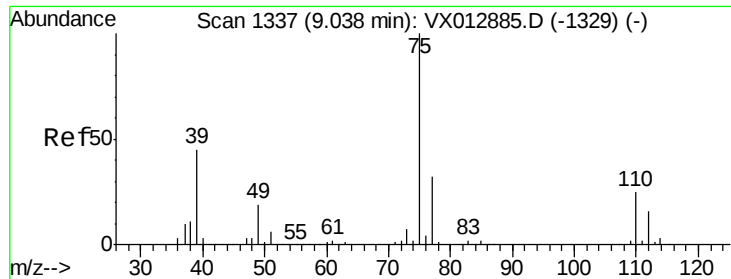
Tgt Ion: 92 Resp: 250456

Ion Ratio Lower Upper

92 100

91 166.4 135.9 203.9





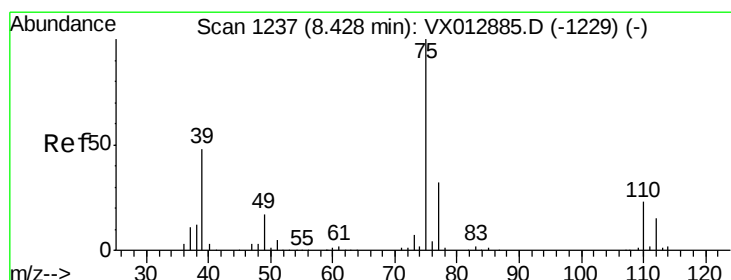
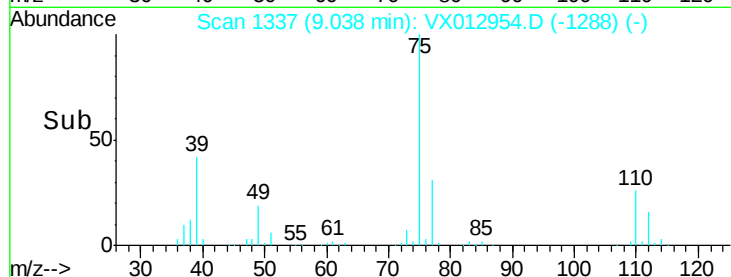
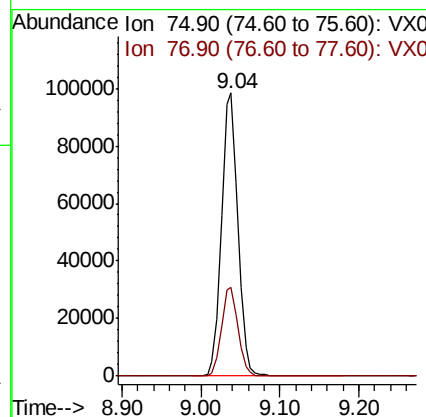
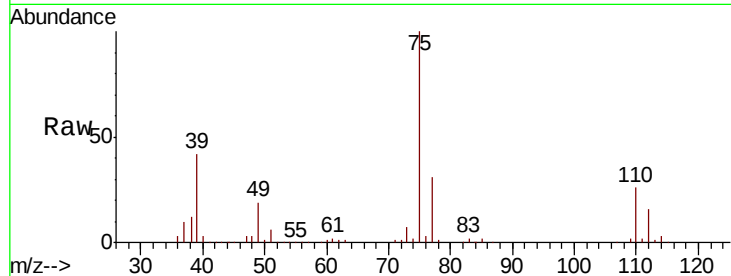
#53
t-1,3-Dichloropropene
Concen: 47.371 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion: 75 Resp: 142581
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6

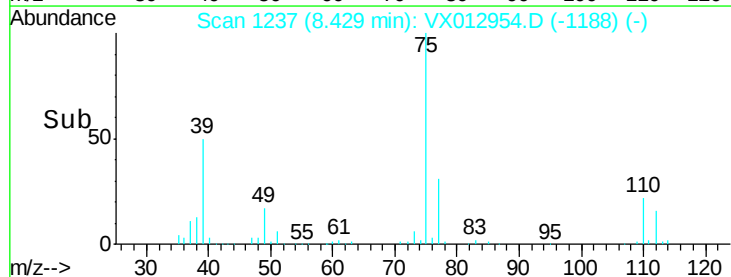
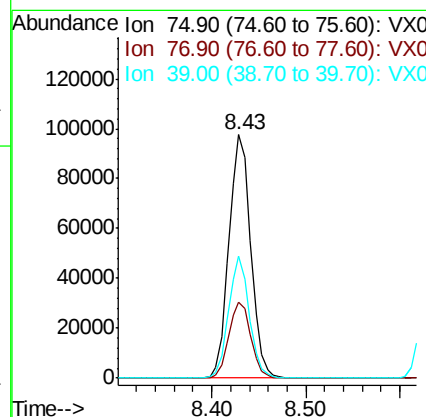
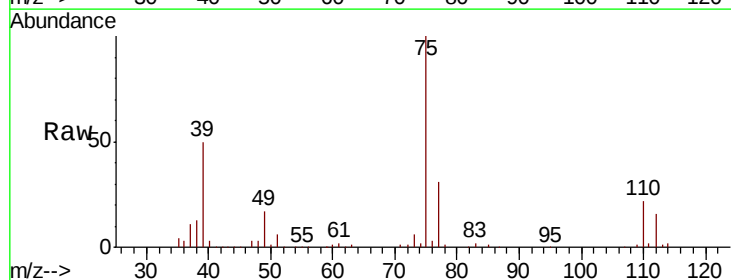
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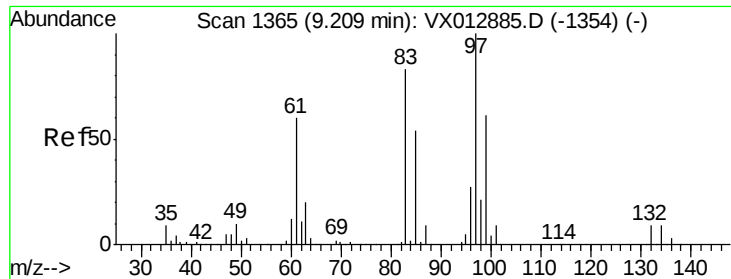
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#54
cis-1,3-Dichloropropene
Concen: 52.728 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 75 Resp: 156804
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 50.1 38.2 57.2





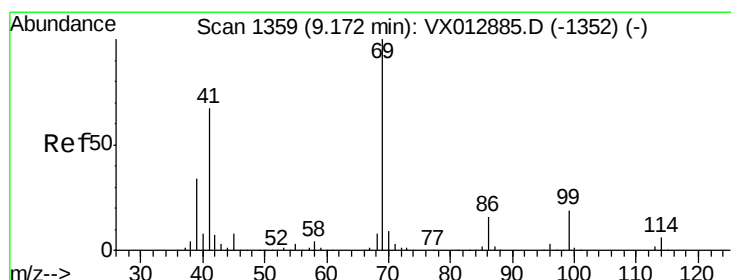
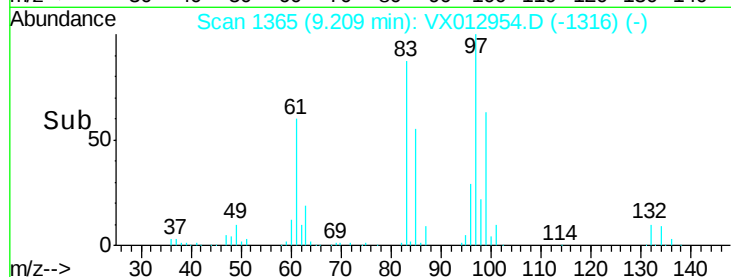
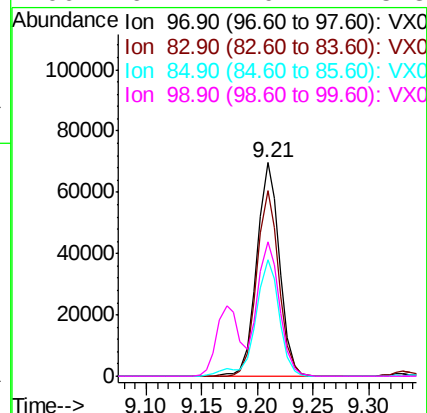
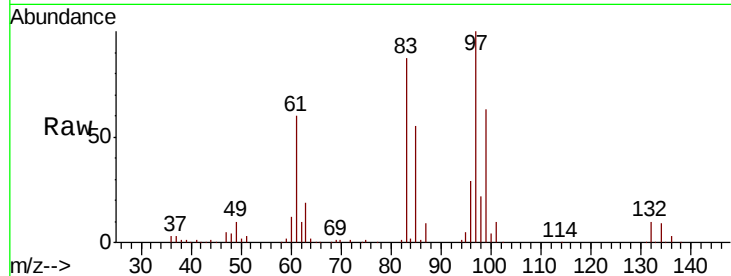
#55
 1,1,2-Trichloroethane
 Concen: 53.846 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion:	97	Resp:	99471
Ion	Ratio	Lower	Upper
97	100		
83	86.9	66.5	99.7
85	54.6	43.1	64.7
99	62.7	49.2	73.8

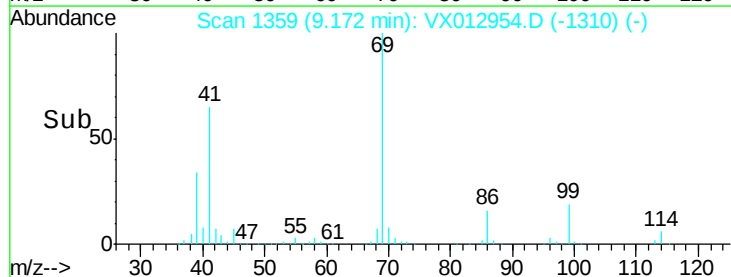
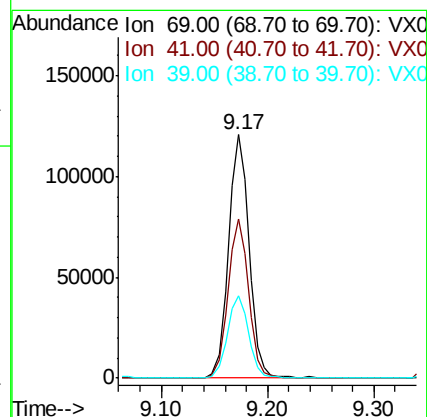
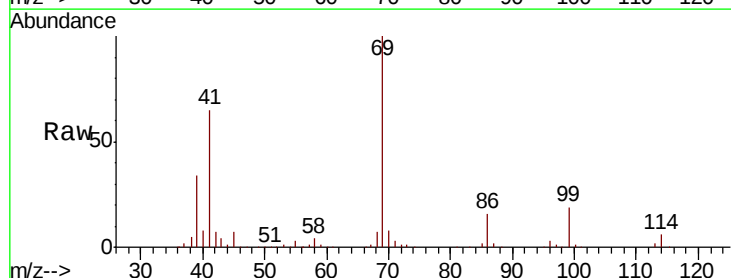
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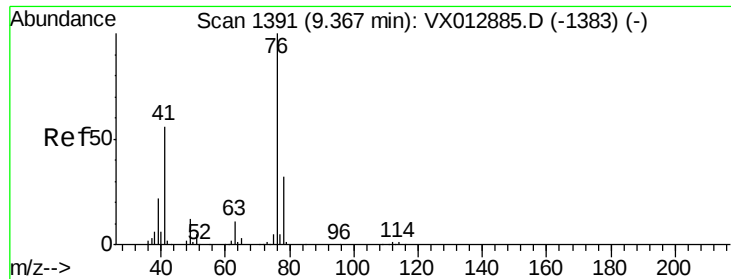
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 10/10/2019 9:33:15 AM



#56
 Ethyl methacrylate
 Concen: 49.475 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion:	69	Resp:	163596
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.1	78.1
39	34.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 53.229 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 76 Resp: 170096

Ion Ratio Lower Upper

76 100

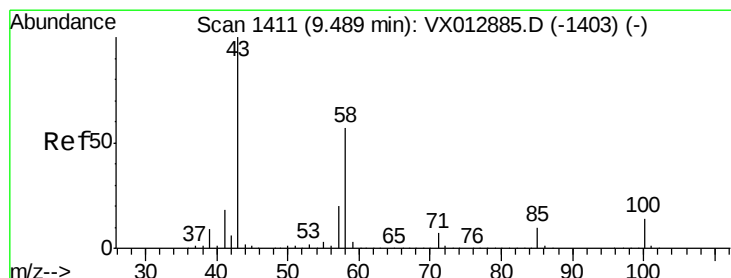
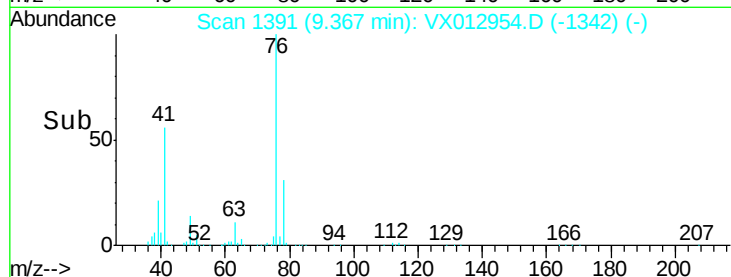
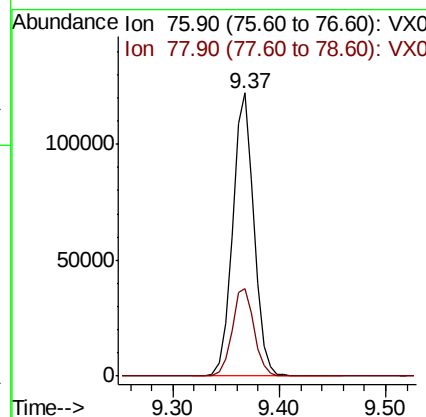
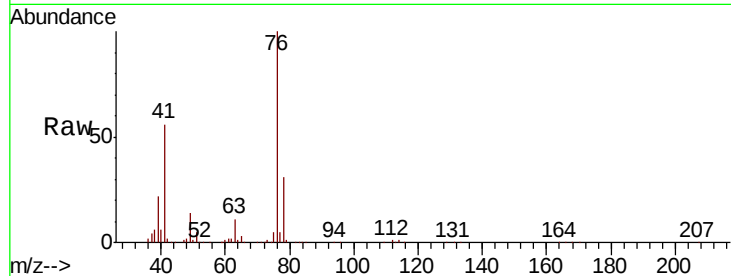
78 32.1 26.1 39.1

Manual Integrations

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#59

2-Hexanone

Concen: 264.885 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX012954.D

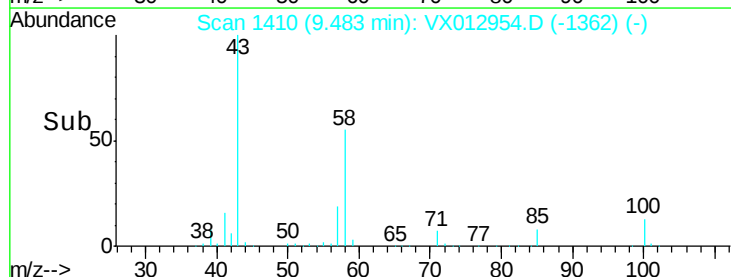
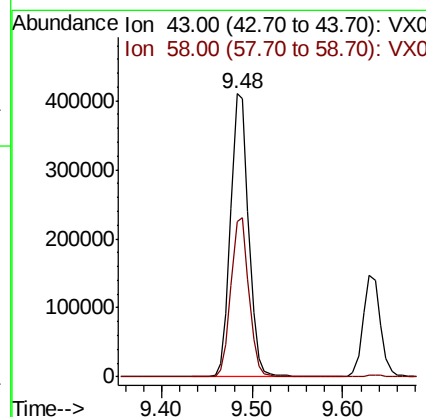
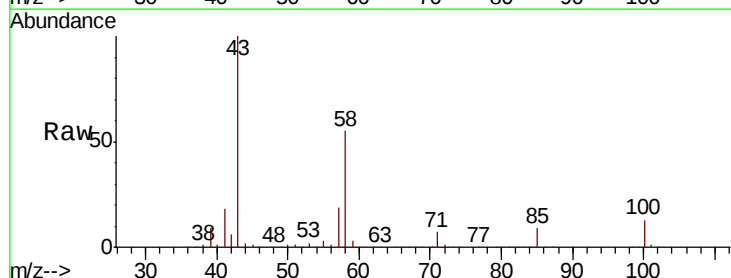
Acq: 09 Oct 2019 19:38

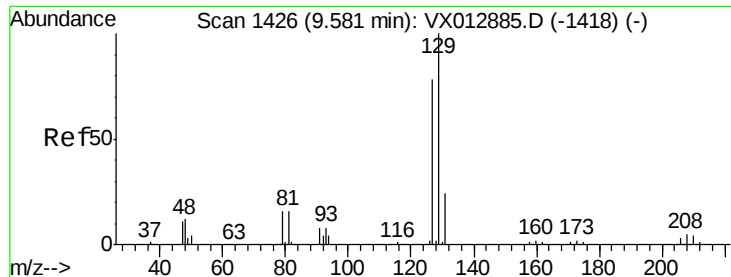
Tgt Ion: 43 Resp: 570005

Ion Ratio Lower Upper

43 100

58 55.8 28.1 84.3





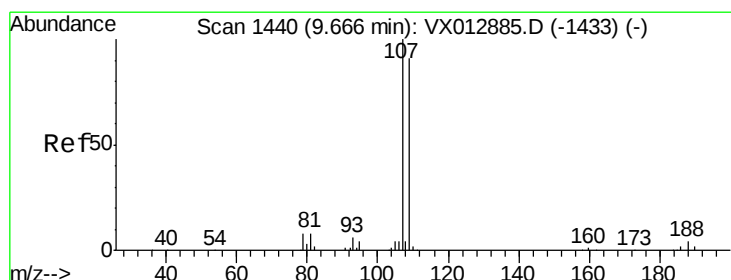
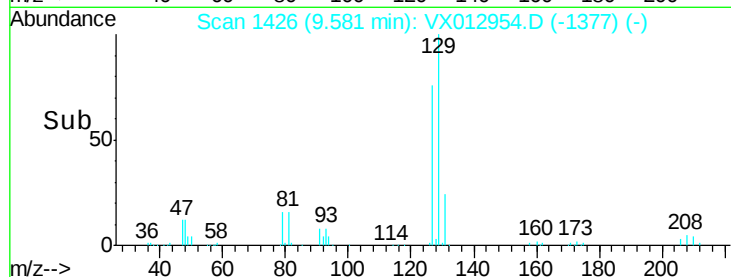
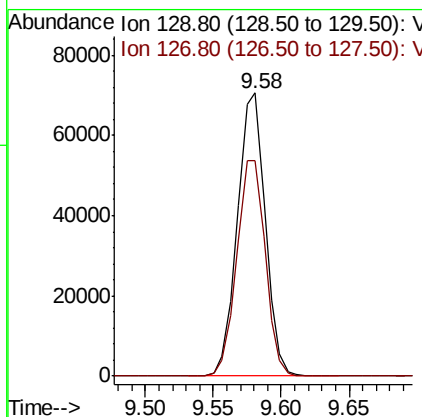
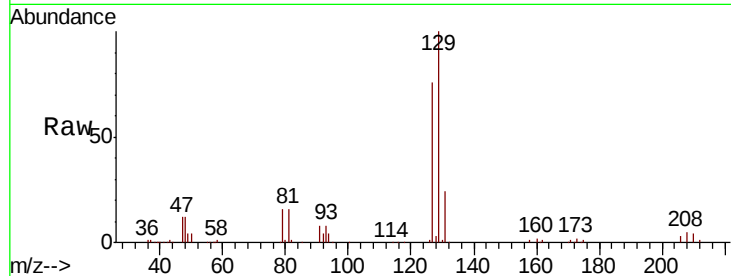
#60
Dibromochloromethane
Concen: 49.119 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.9	116.7

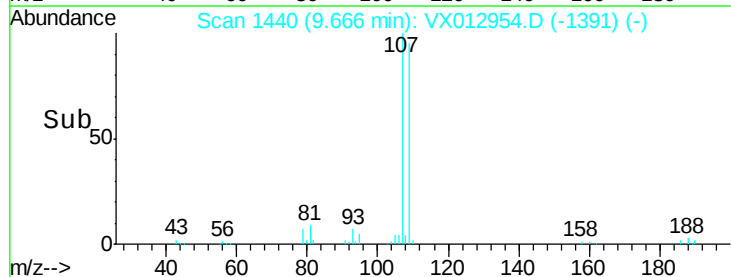
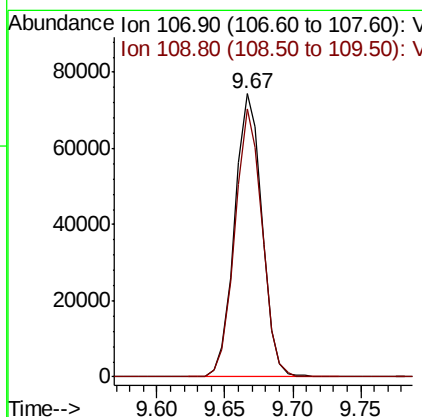
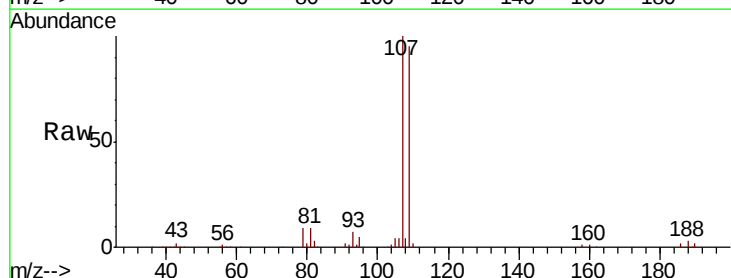
Manual Integrations
APPROVED

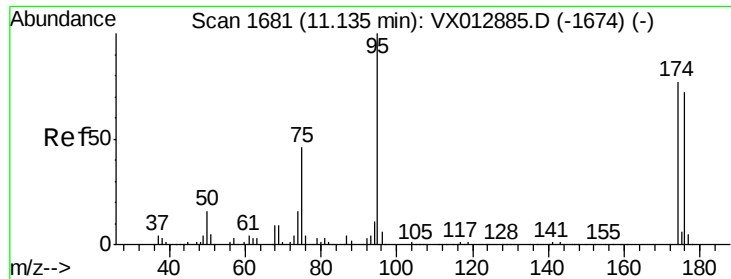
MMDadoda
10/10/2019 9:33:15 AM



#61
1,2-Dibromoethane
Concen: 53.646 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.6





#62

4-Bromofluorobenzene

Concen: 51.256 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 95 Resp: 125272

Ion Ratio Lower Upper

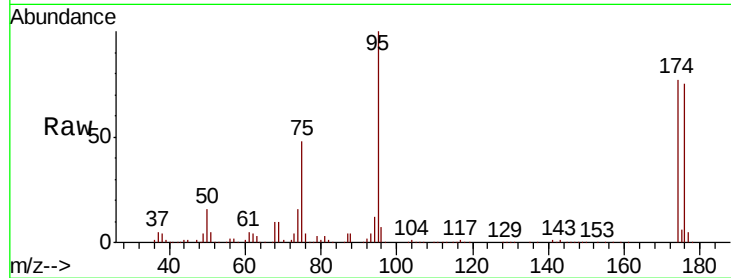
95 100

174 73.3 0.0 143.4

176 71.1 0.0 136.0

Manual Integrations
APPROVED

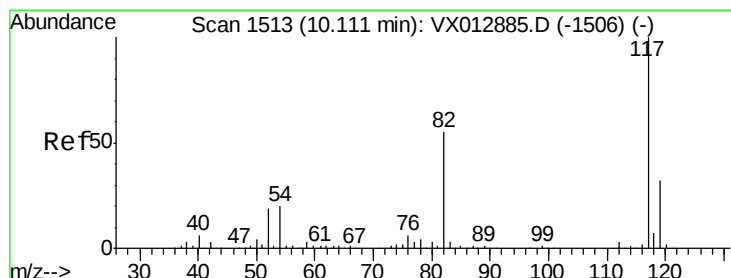
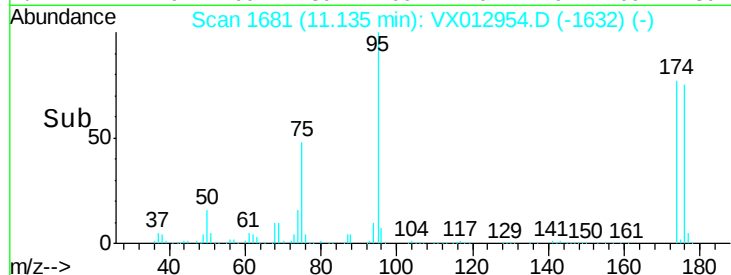
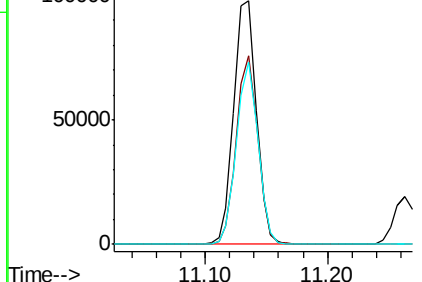
MMDadoda
10/10/2019 9:33:15 AM



Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

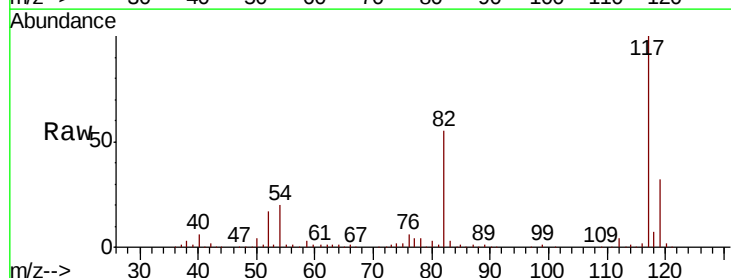
Tgt Ion: 117 Resp: 253068

Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

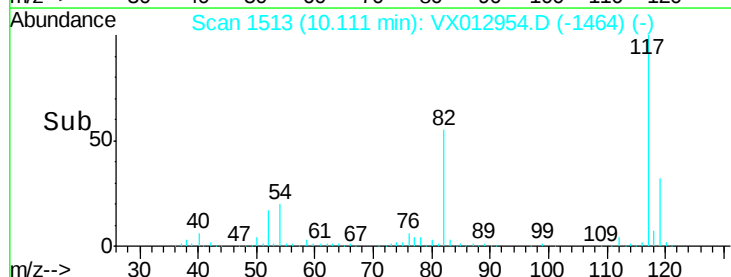
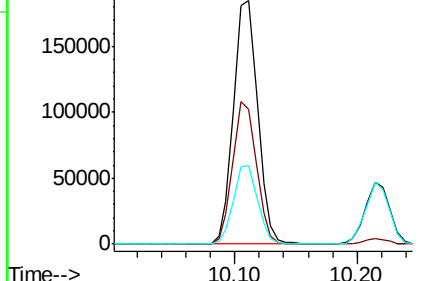
119 32.4 25.8 38.8

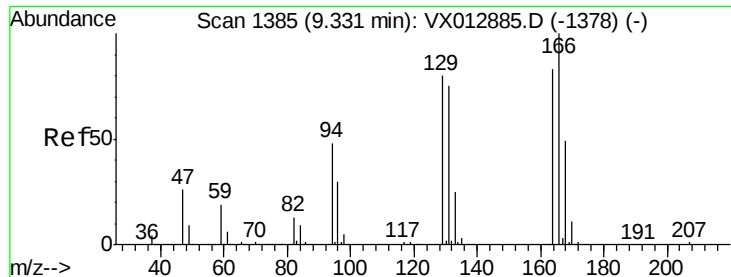


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)





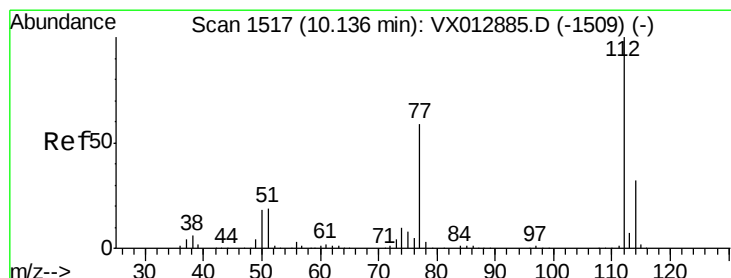
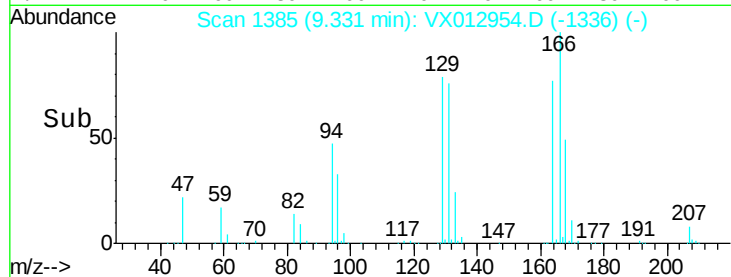
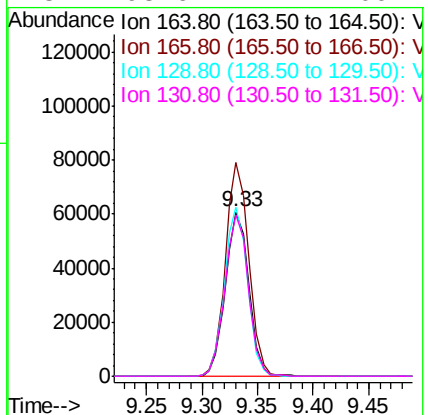
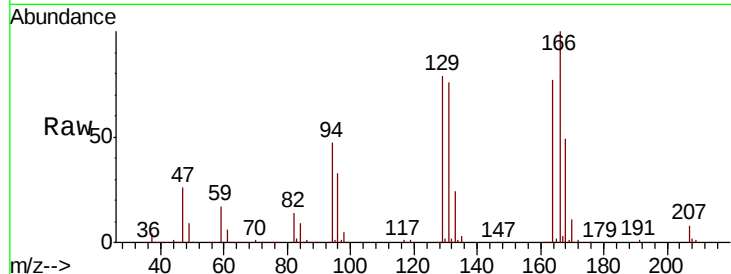
#64
Tetrachloroethene
Concen: 50.405 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.3	96.9	145.3
129	103.0	77.9	116.9
131	98.6	72.7	109.1

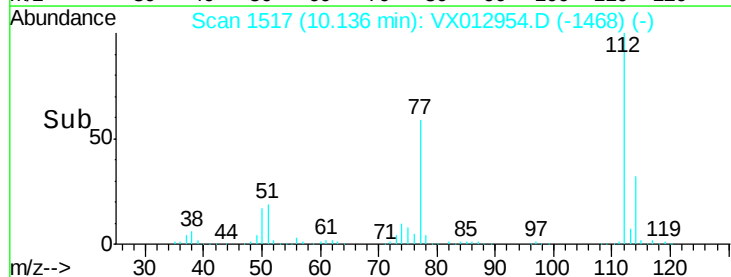
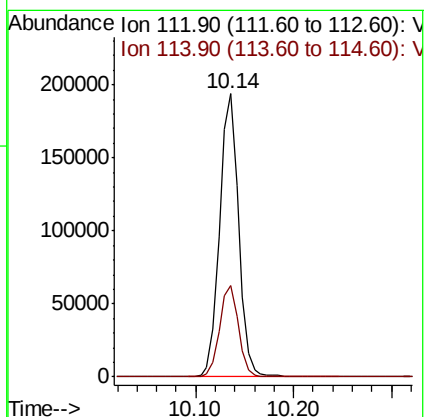
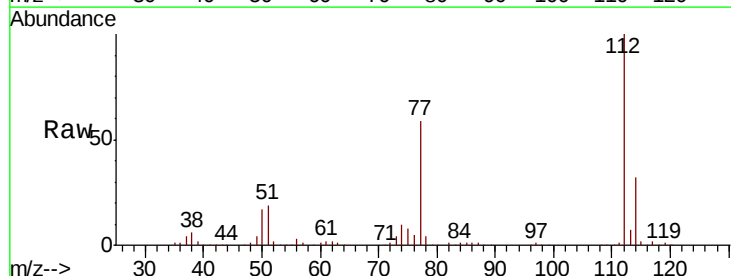
Manual Integrations
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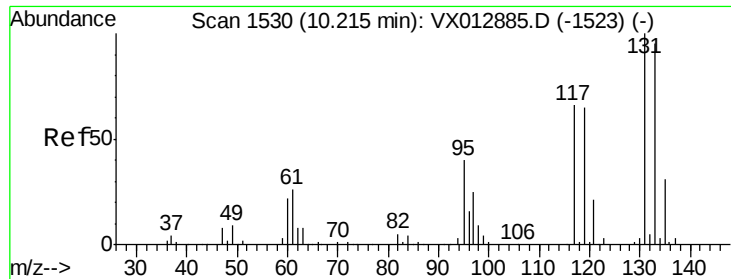
MMDadoda
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#65
Chlorobenzene
Concen: 51.867 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5





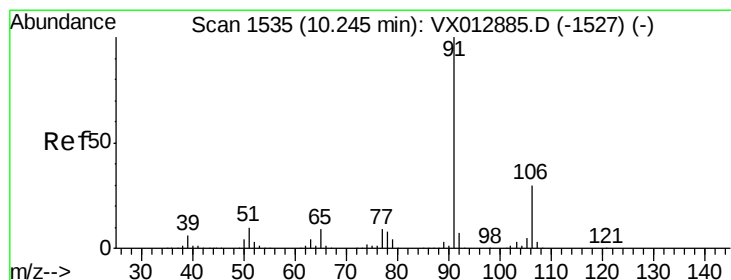
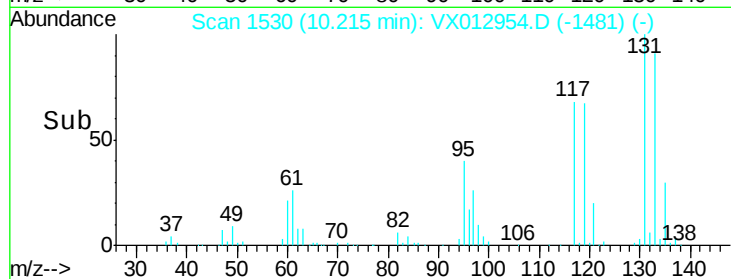
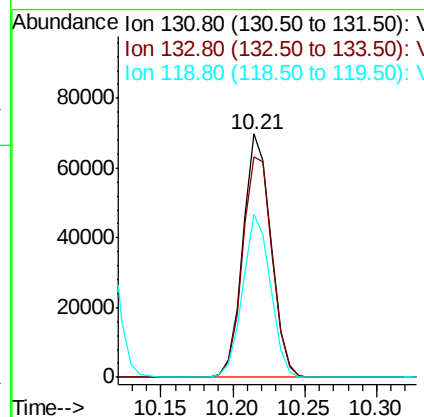
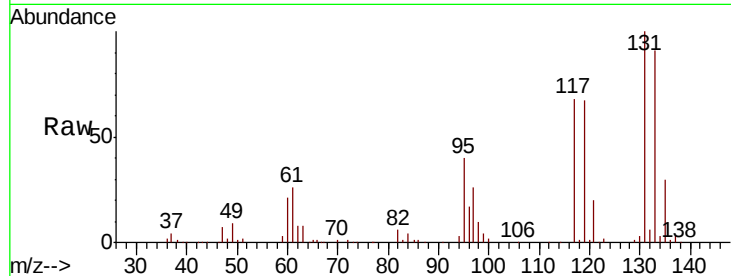
#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.234 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.2	141.6
119	66.1	32.6	98.0

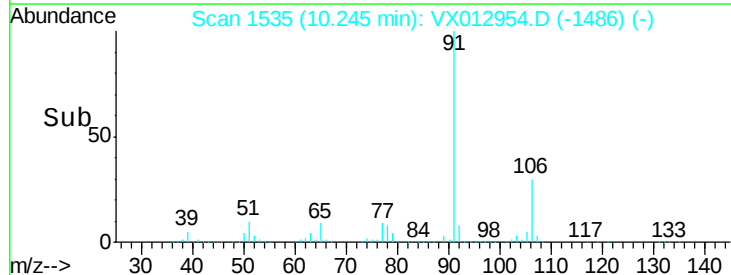
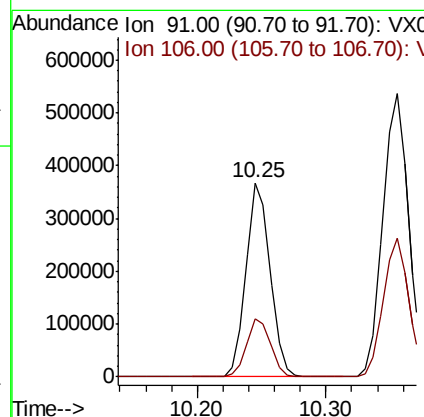
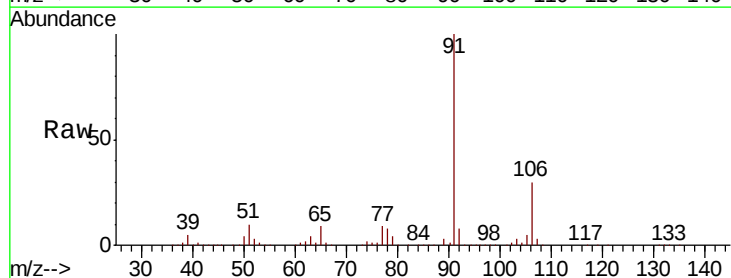
Manual Integrations
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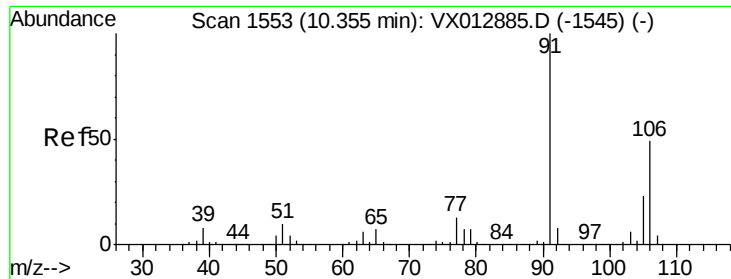
MMDadoda
 10/10/2019 9:33:15 AM



#67
 Ethyl Benzene
 Concen: 53.241 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9





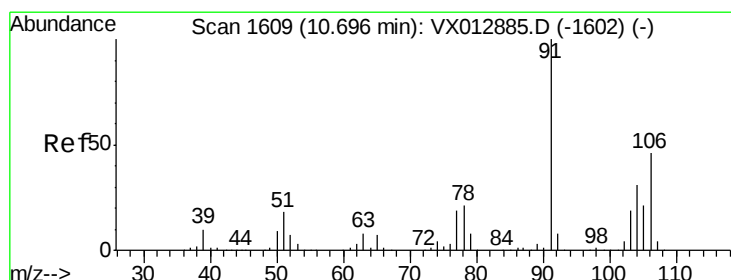
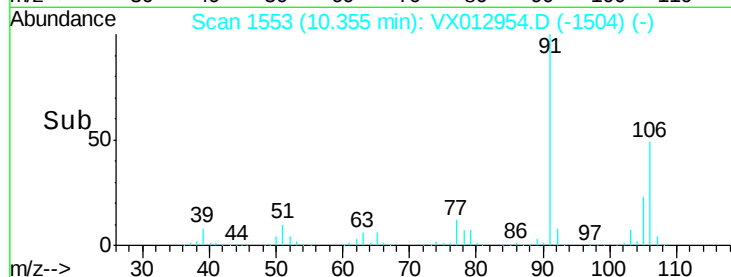
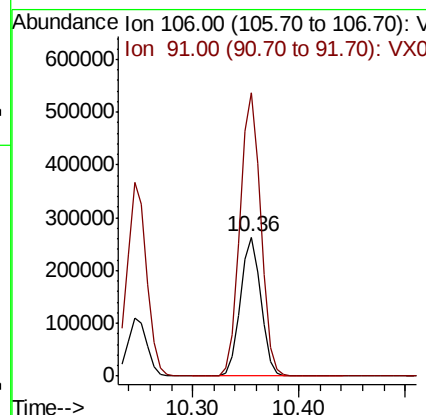
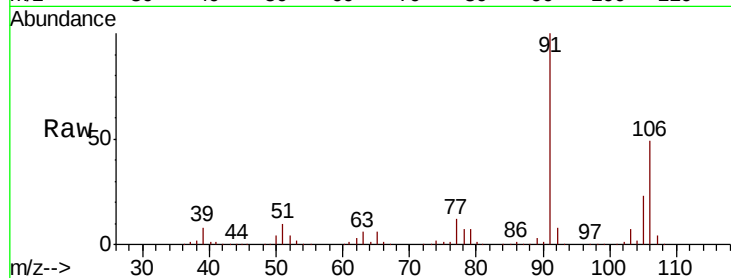
#68
m/p-Xylenes
Concen: 107.349 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion:106 Resp: 357997
Ion Ratio Lower Upper
106 100
91 206.1 165.3 247.9

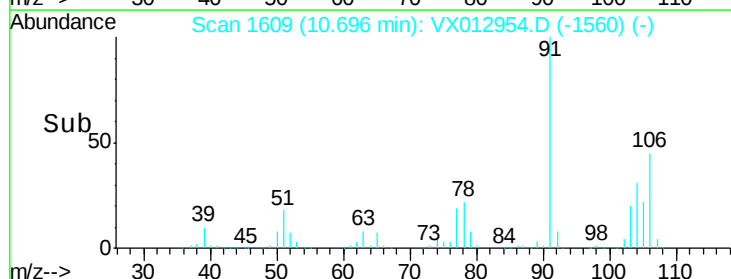
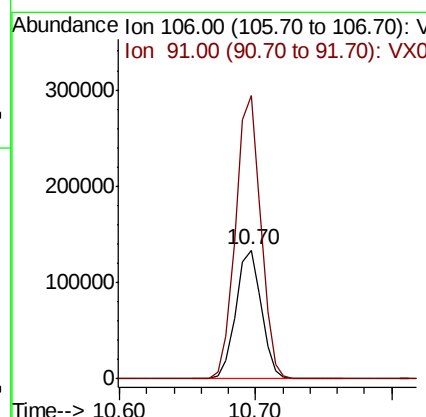
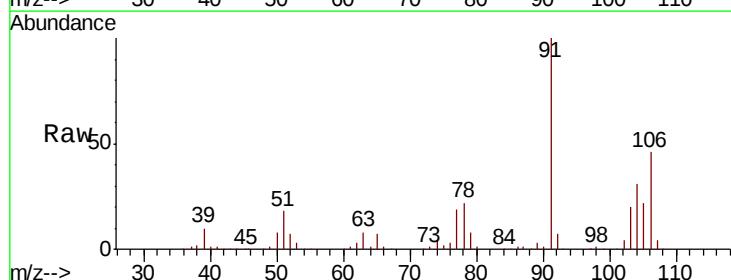
Manual Integrations
APPROVED

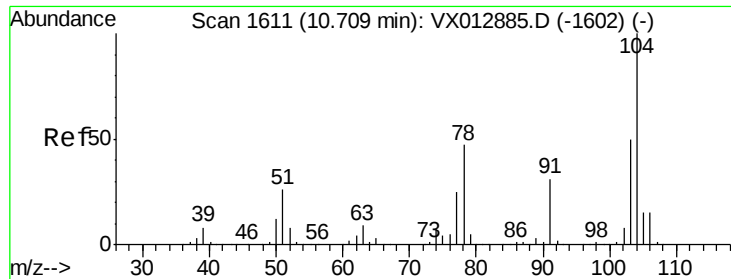
MMDadoda
10/10/2019 9:33:15 AM



#69
o-Xylene
Concen: 53.434 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion:106 Resp: 173773
Ion Ratio Lower Upper
106 100
91 217.7 109.1 327.3





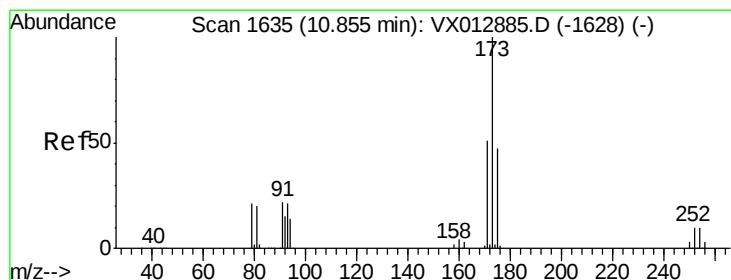
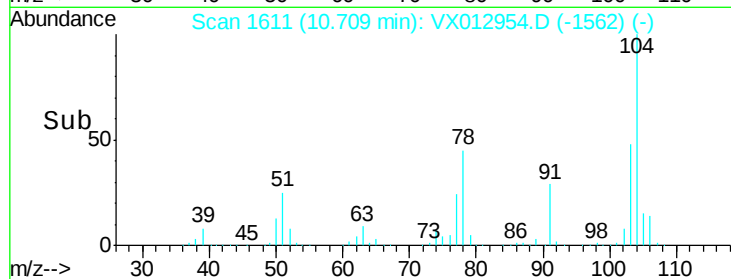
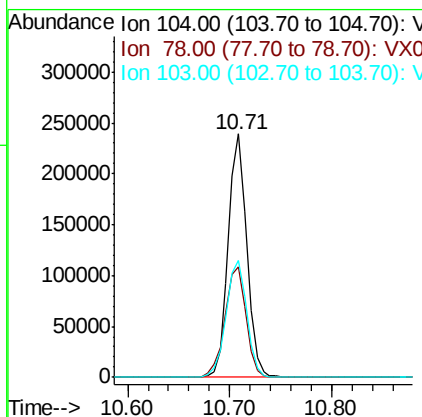
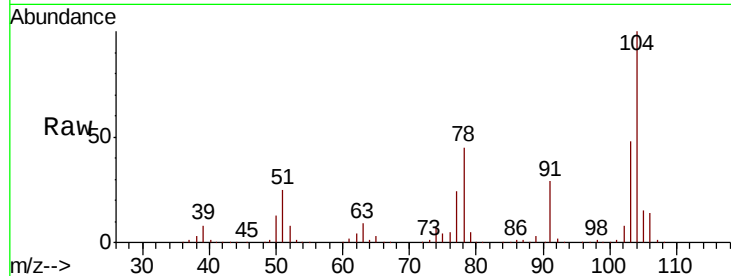
#70
Stvrene
Concen: 54.359 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	53.5	43.0	64.4

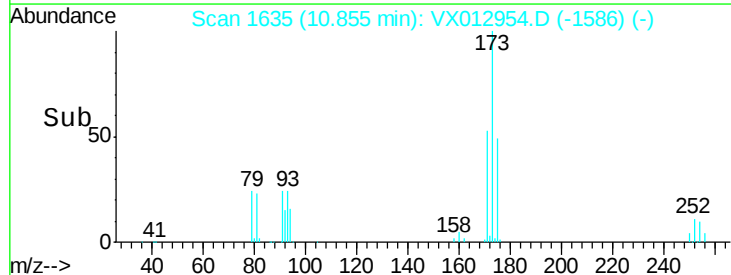
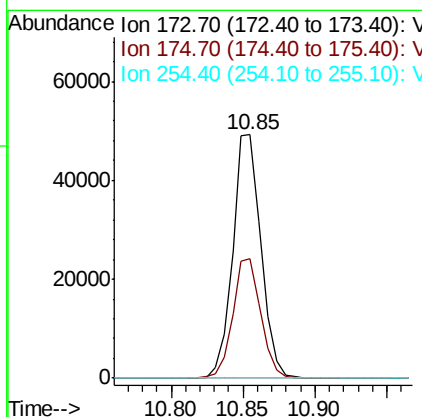
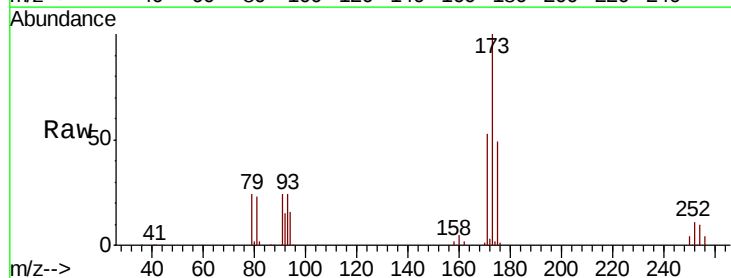
Manual Integrations
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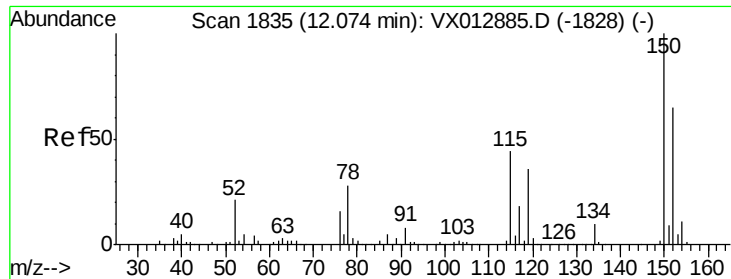
MMDadoda
10/10/2019 9:33:15 AM



#71
Bromoform
Concen: 45.664 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.3
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:152 Resp: 118090

Ion Ratio Lower Upper

152 100

115 88.8 44.5 133.5

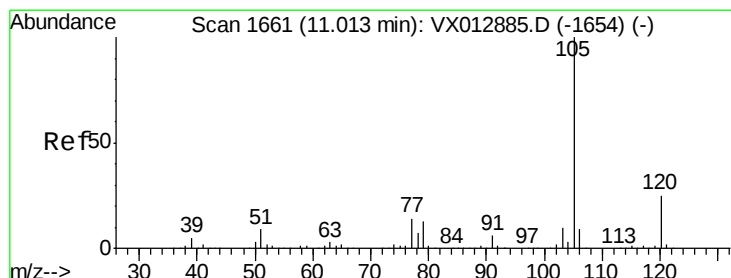
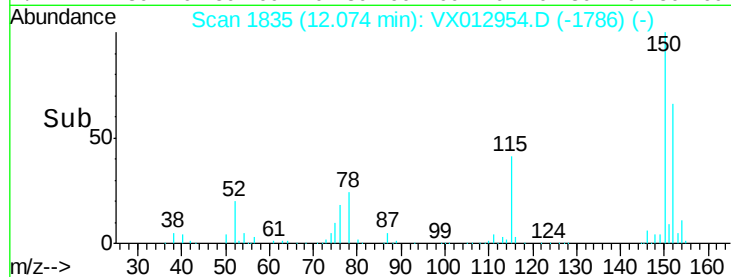
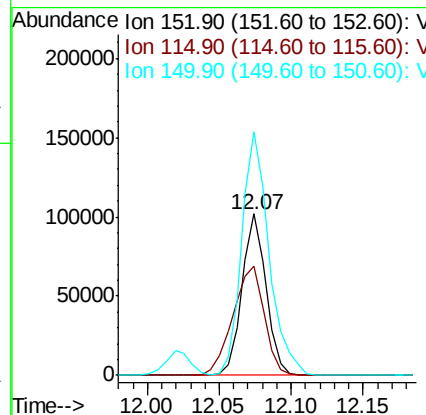
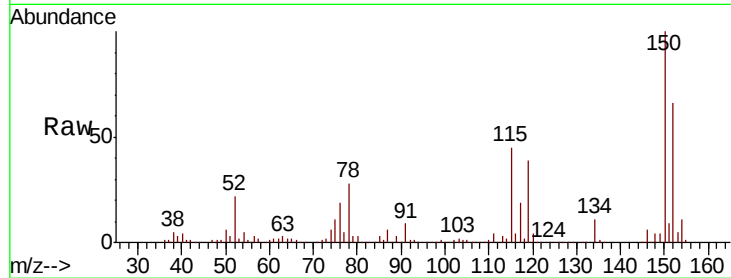
150 172.1 0.0 353.4

Manual Integrations

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#73

Isopropylbenzene

Concen: 53.463 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012954.D

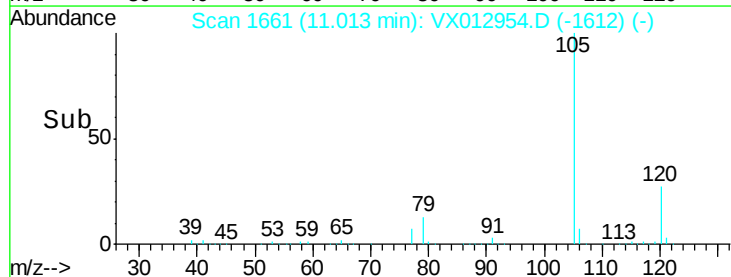
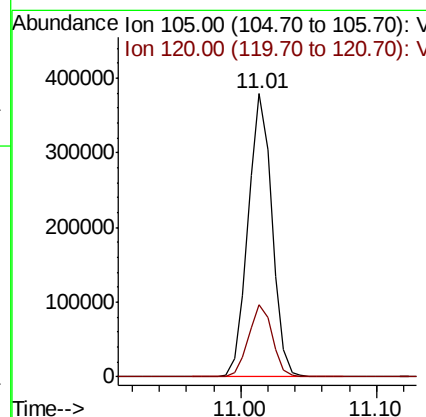
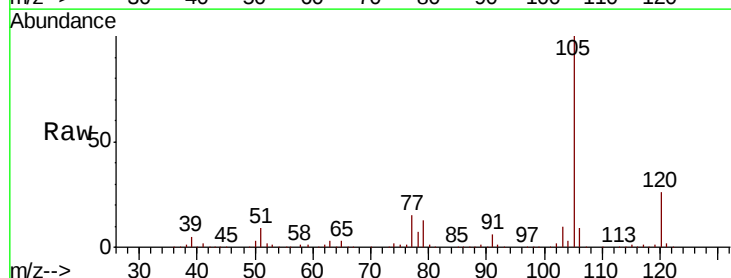
Acq: 09 Oct 2019 19:38

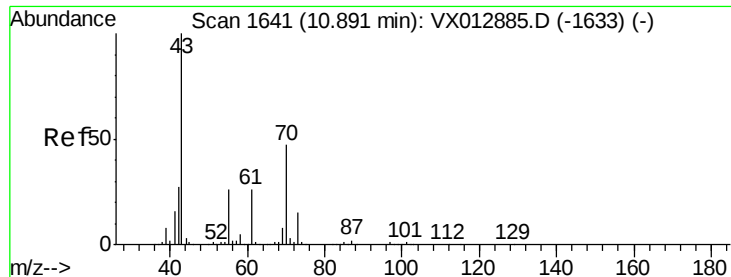
Tgt Ion:105 Resp: 464176

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0





#74

N-amvl acetate

Concen: 50.559 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

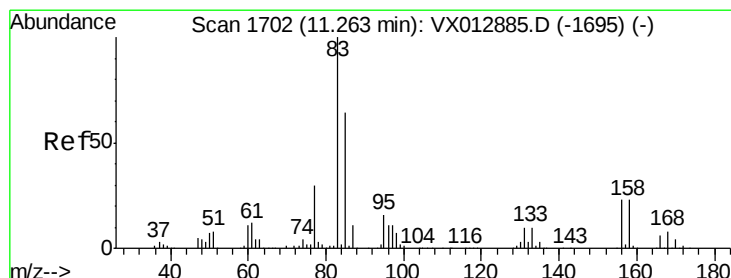
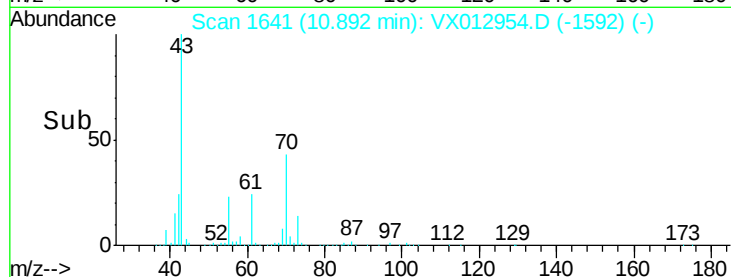
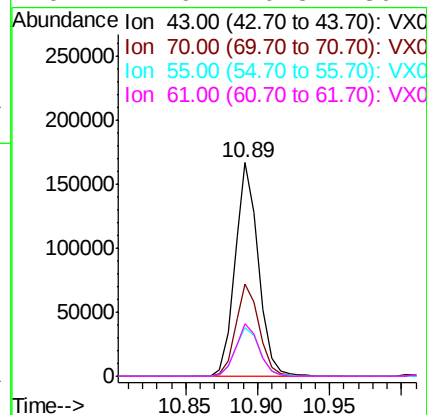
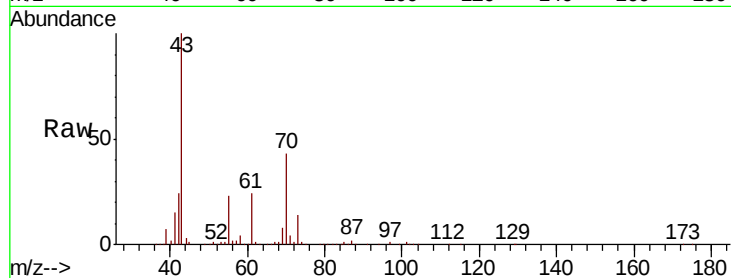
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		189052		
70	44.0	36.4	54.6		
55	24.3	20.2	30.2		
61	24.9	20.5	30.7		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 53.257 ug/l

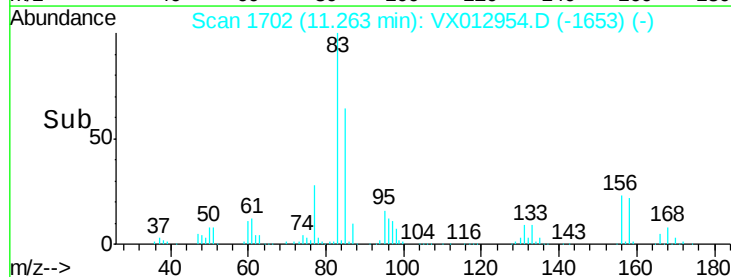
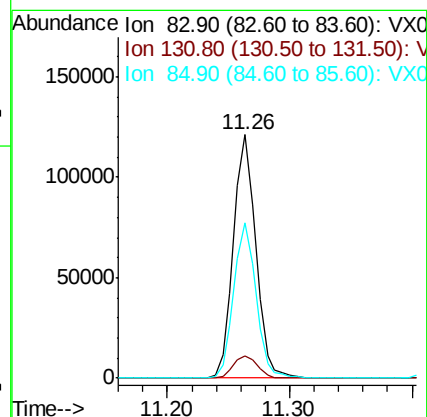
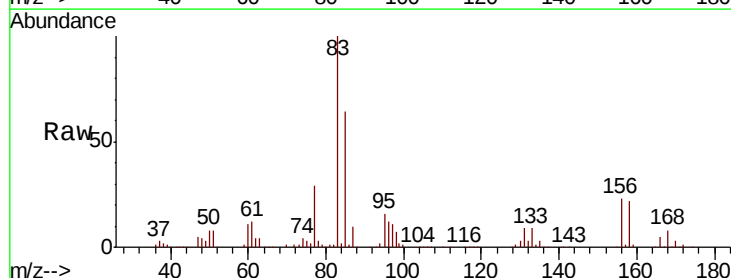
RT: 11.26 min Scan# 1702

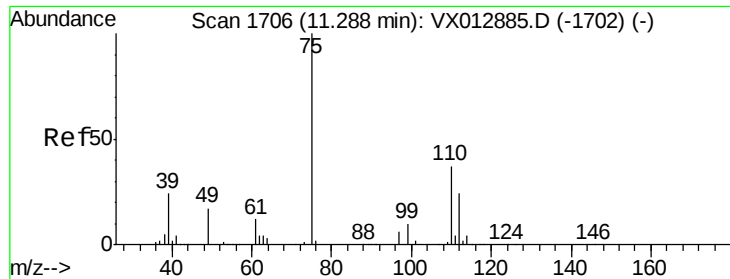
Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		153790		
131	9.9	5.1	15.3		
85	63.3	32.1	96.5		





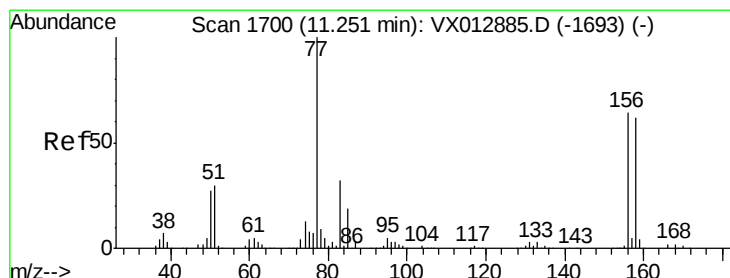
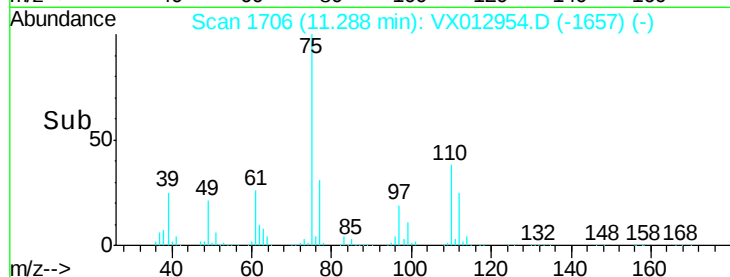
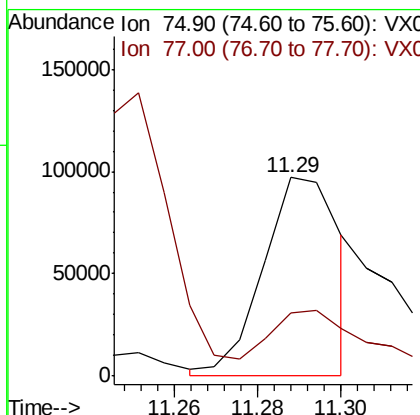
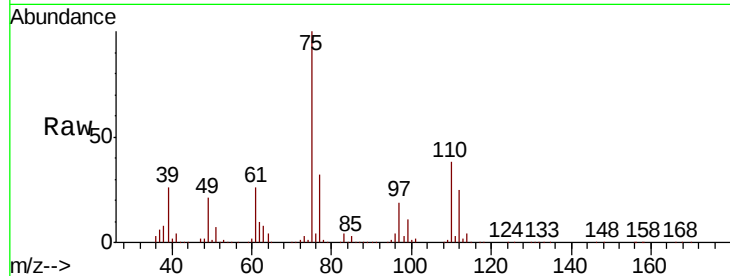
#76
 1,2,3-Trichloropropane
 Concen: 47.465 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion: 75 Resp: 124322
 Ion Ratio Lower Upper
 75 100
 77 43.7 22.9 68.8

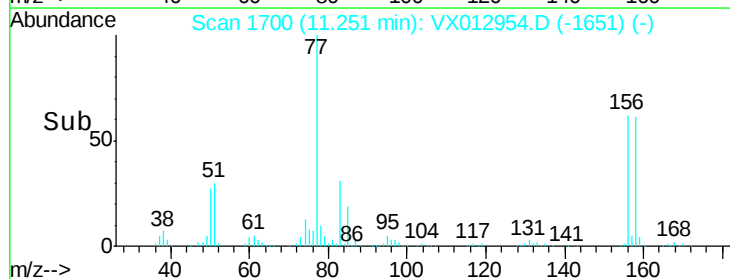
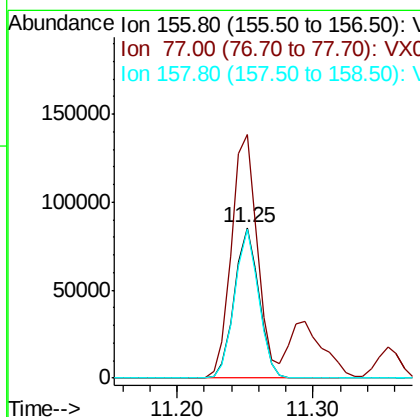
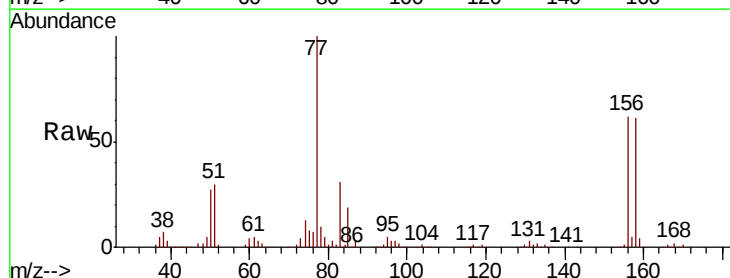
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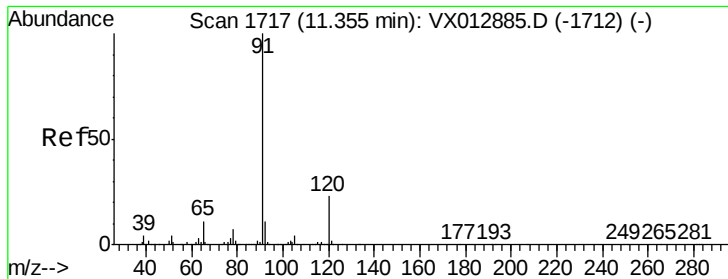
MMDadoda
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#77
 Bromobenzene
 Concen: 52.373 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 156 Resp: 107152
 Ion Ratio Lower Upper
 156 100
 77 171.7 83.7 251.0
 158 97.4 48.6 145.9





#78

n-propylbenzene

Concen: 54.151 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 91 Resp: 517338

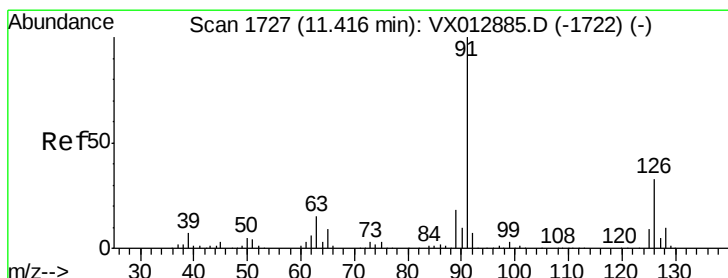
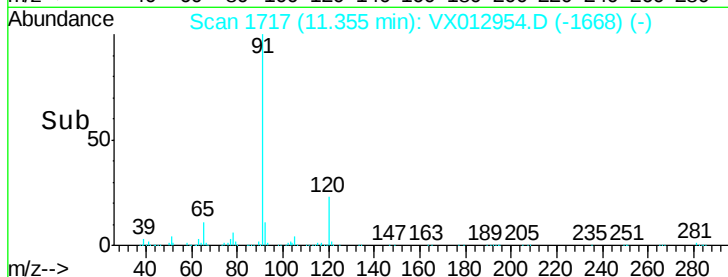
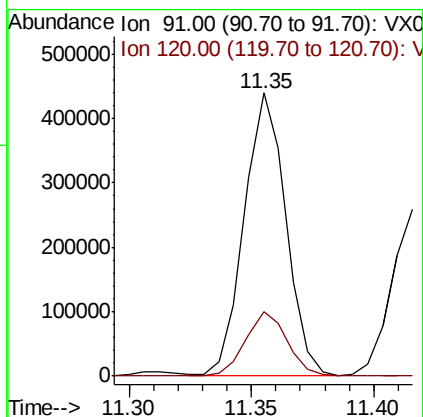
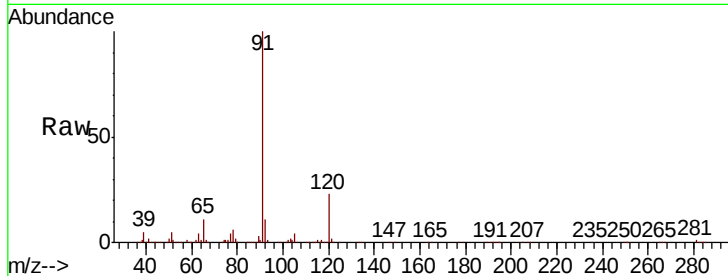
Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.1

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#79

2-Chlorotoluene

Concen: 53.435 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012954.D

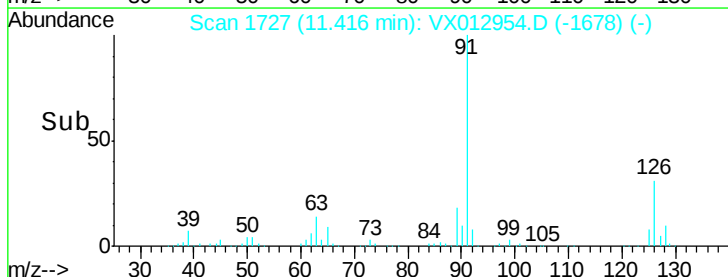
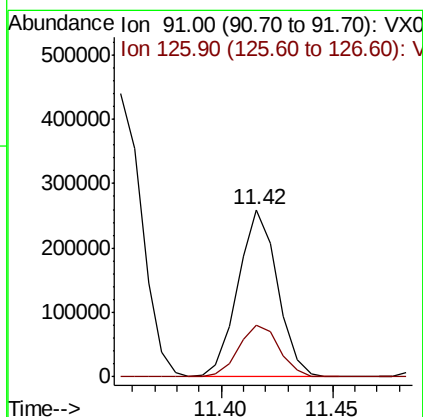
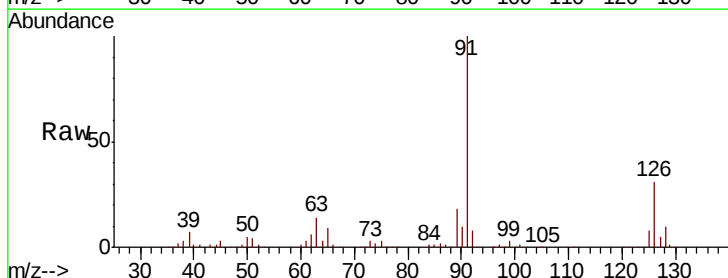
Acq: 09 Oct 2019 19:38

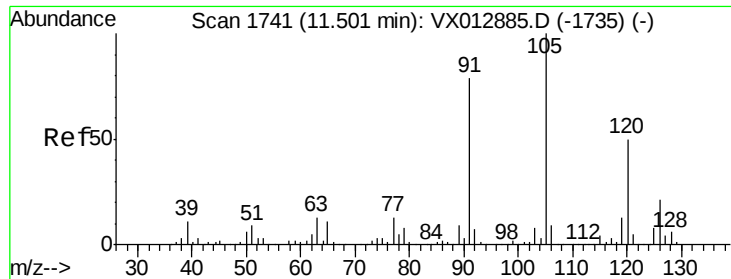
Tgt Ion: 91 Resp: 320829

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8





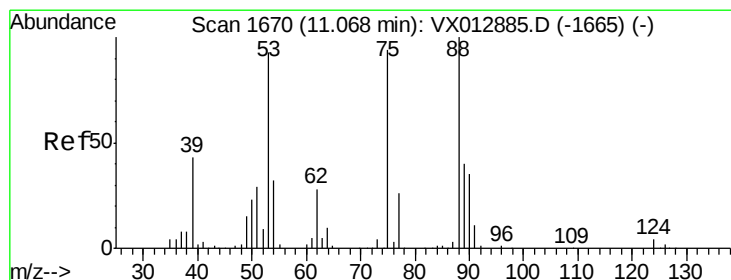
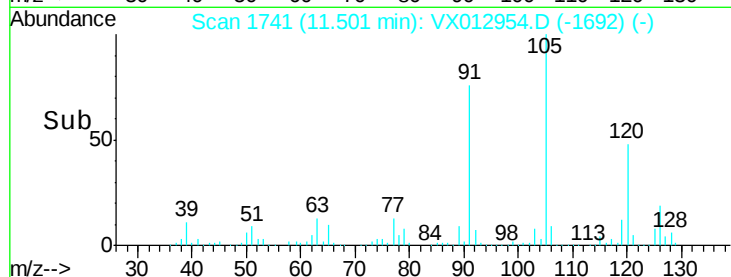
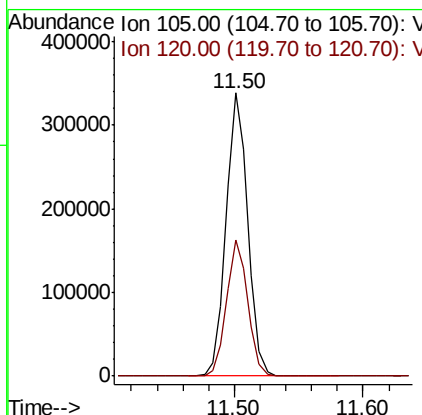
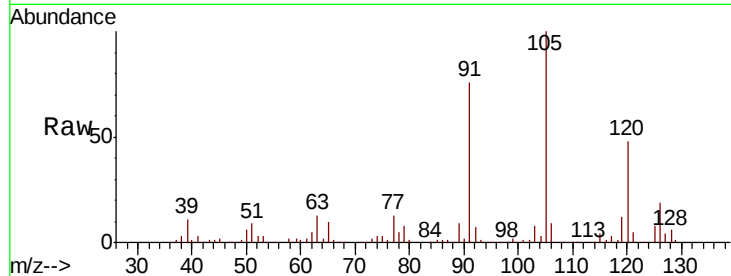
#80
 1,3,5-Trimethylbenzene
 Concen: 55.417 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.8	74.3

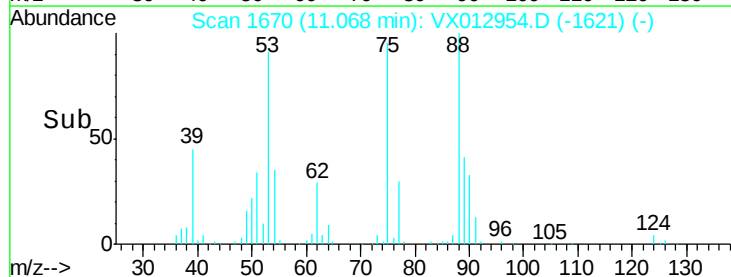
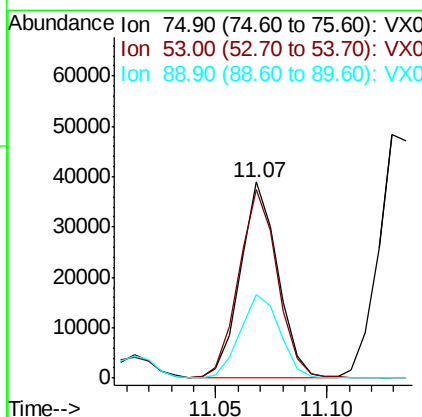
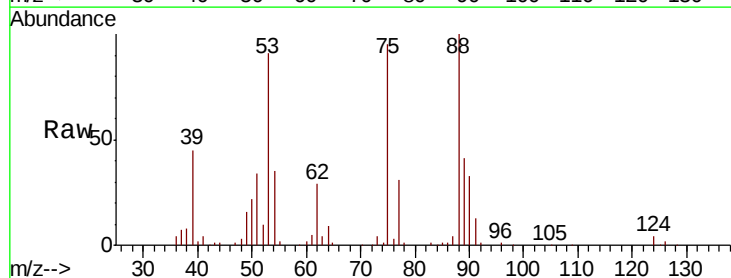
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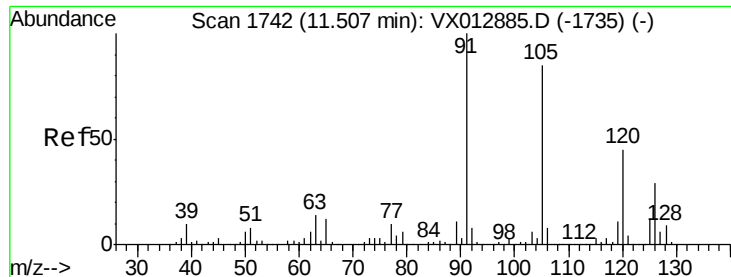
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.160 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.6	78.5	117.7
89	45.9	37.4	56.2





#82

4-Chlorotoluene

Concen: 54.008 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion: 91 Resp: 371678

Ion Ratio Lower Upper

91 100

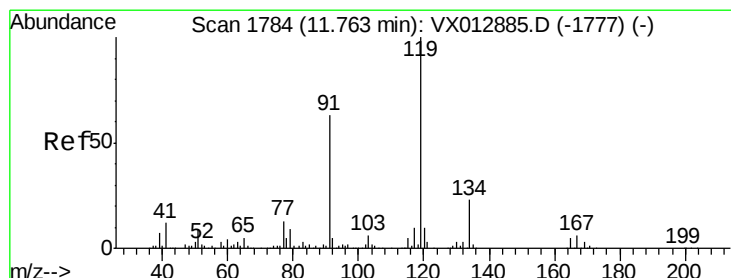
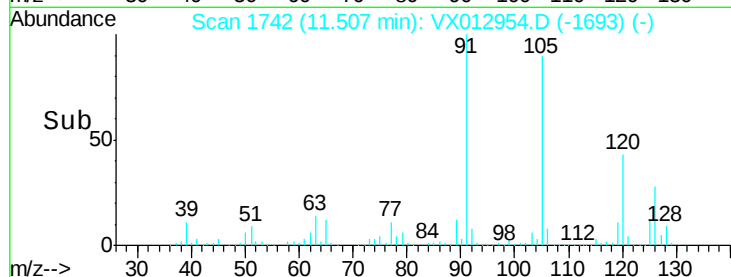
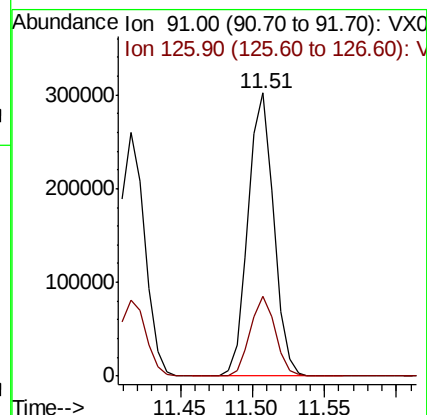
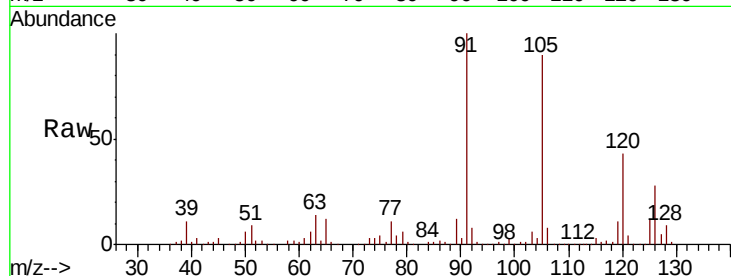
126 27.8 14.2 42.6

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#83

tert-Butylbenzene

Concen: 53.844 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

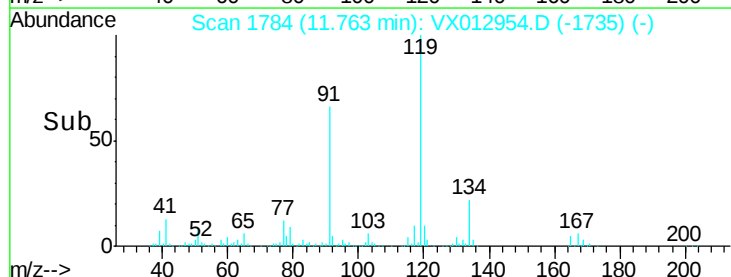
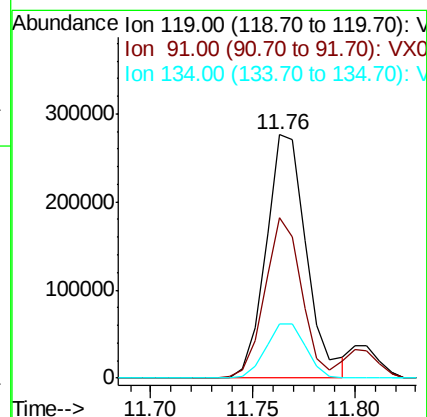
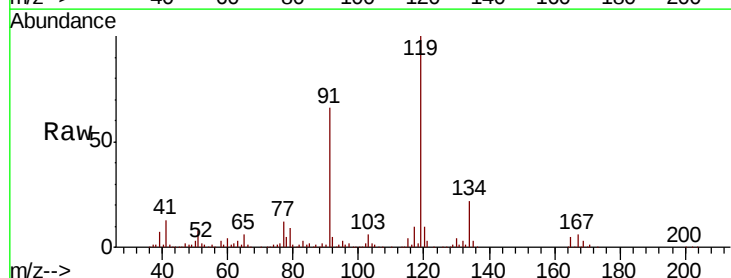
Tgt Ion: 119 Resp: 380782

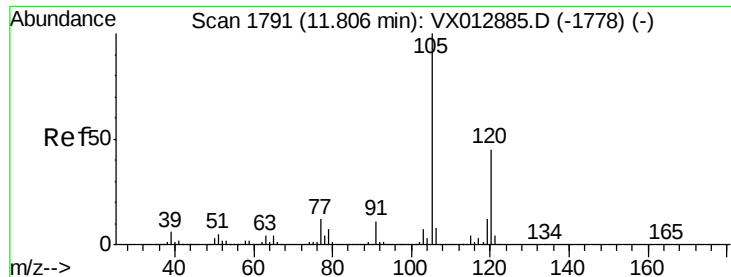
Ion Ratio Lower Upper

119 100

91 60.1 29.3 87.9

134 22.0 11.5 34.4





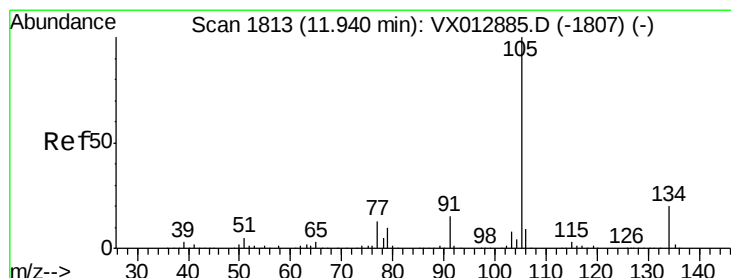
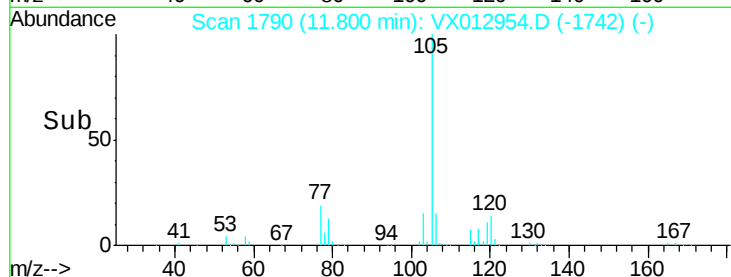
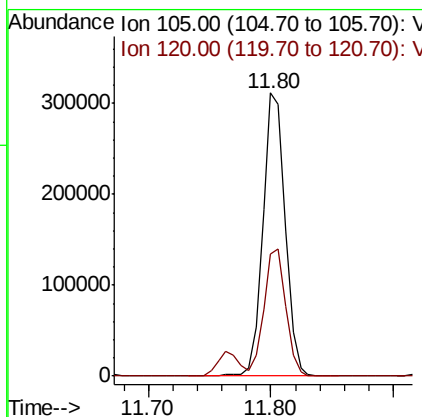
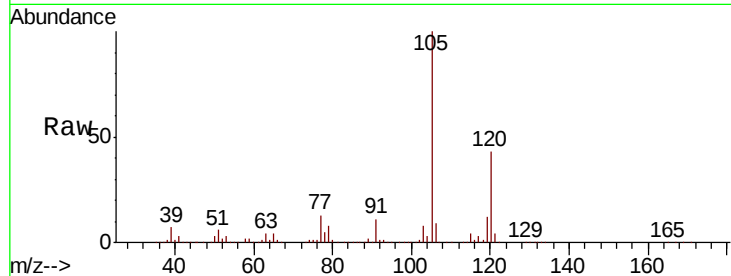
#84
 1,2,4-Trimethylbenzene
 Concen: 54.035 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.3

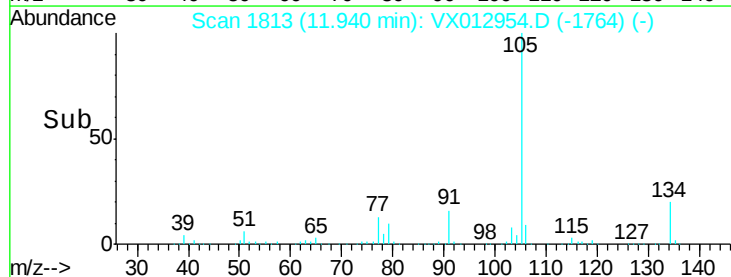
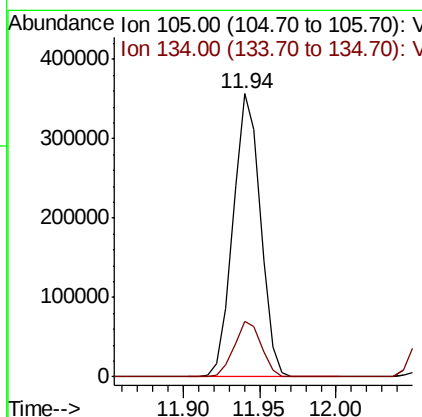
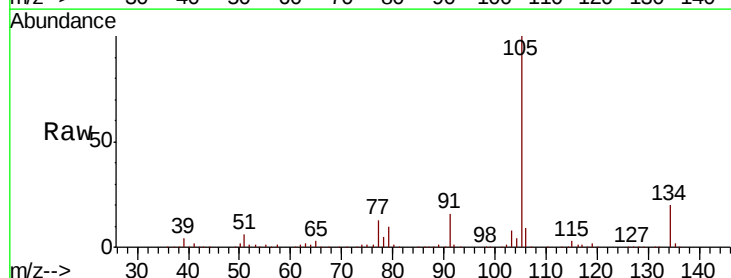
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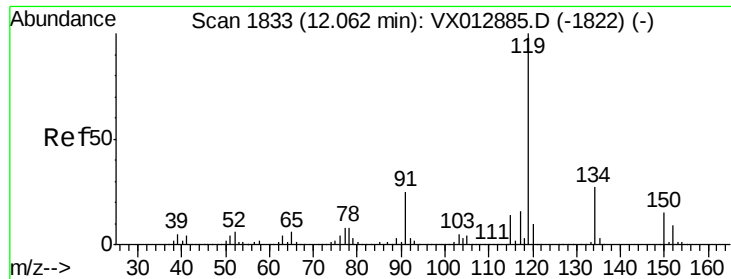
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#85
 sec-Butylbenzene
 Concen: 53.906 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.0	30.0





#86

p-Isopropyltoluene

Concen: 53.267 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:119 Resp: 404762

Ion Ratio Lower Upper

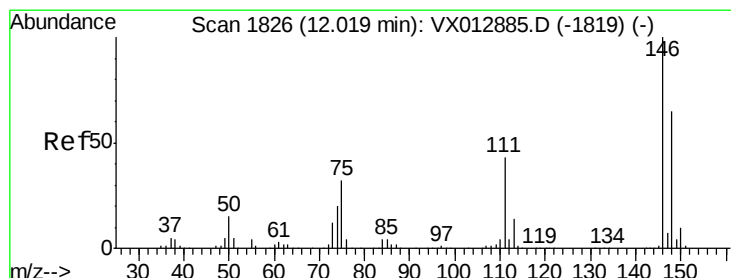
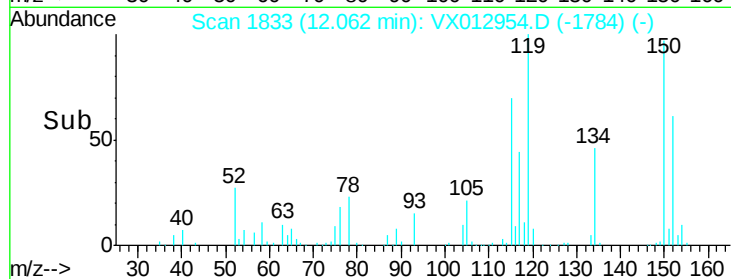
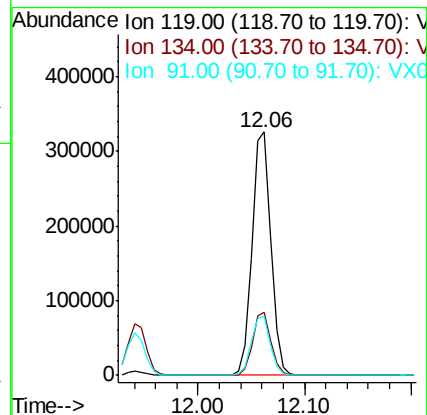
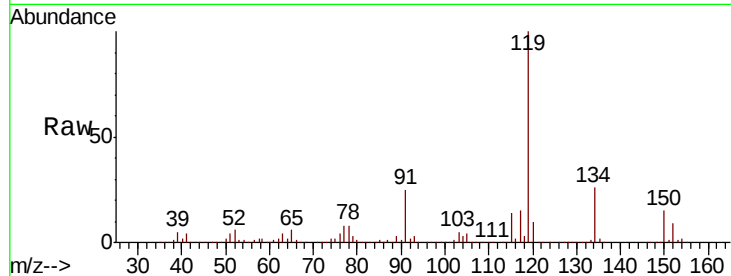
119 100

134 25.4 12.6 37.8

91 24.6 12.4 37.4

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#87

1,3-Dichlorobenzene

Concen: 52.404 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

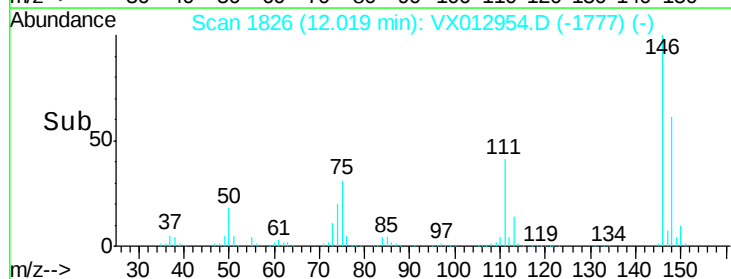
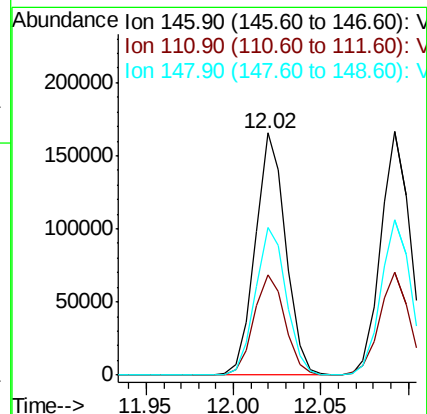
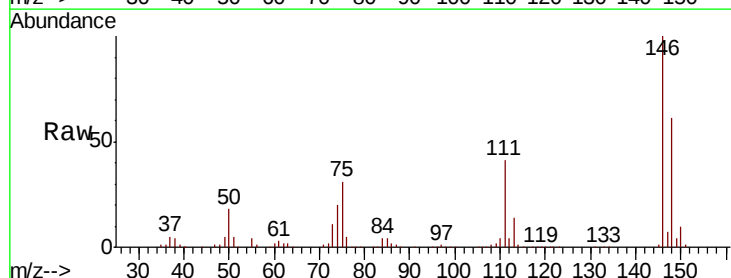
Tgt Ion:146 Resp: 199100

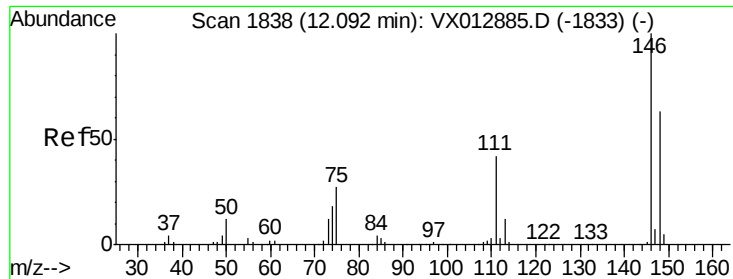
Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.4

148 62.1 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 50.688 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

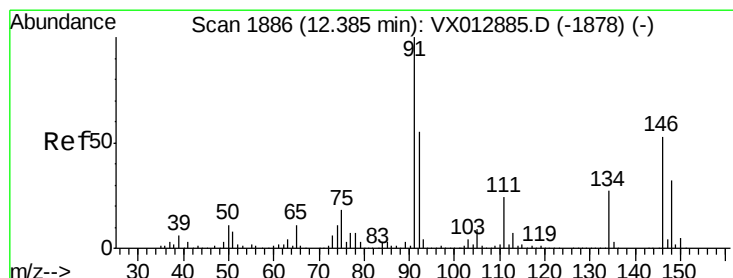
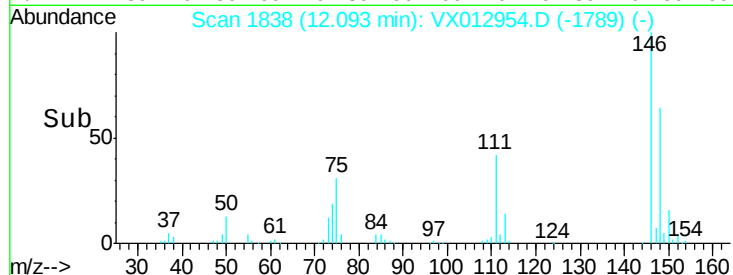
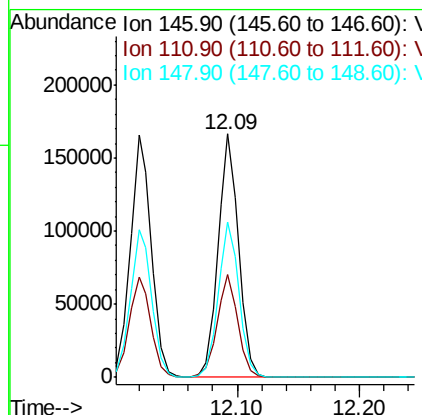
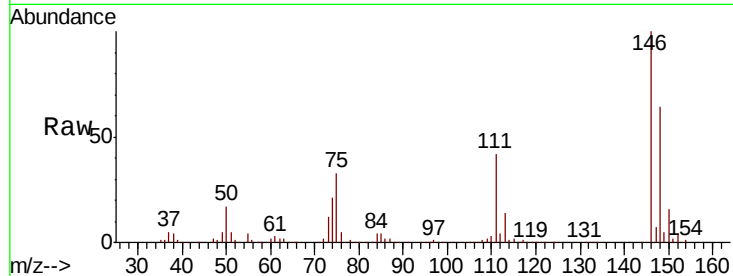
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:	146	Resp:	195039
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.4	64.3
148	64.6	32.1	96.5

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#89

n-Butylbenzene

Concen: 52.996 ug/l

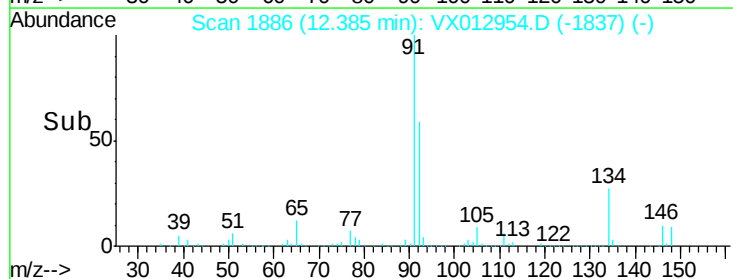
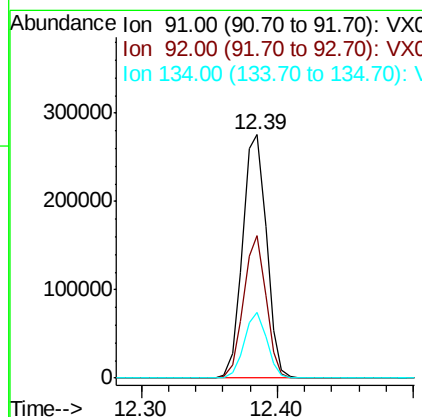
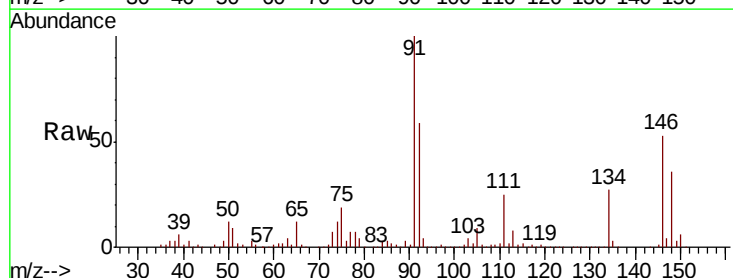
RT: 12.39 min Scan# 1886

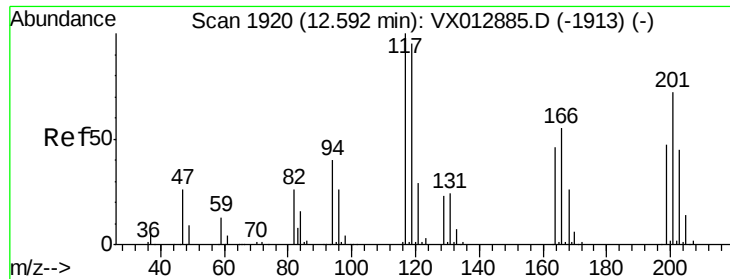
Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion:	91	Resp:	338456
Ion Ratio	Lower	Upper	
91	100		
92	55.3	27.5	82.5
134	25.6	12.9	38.7





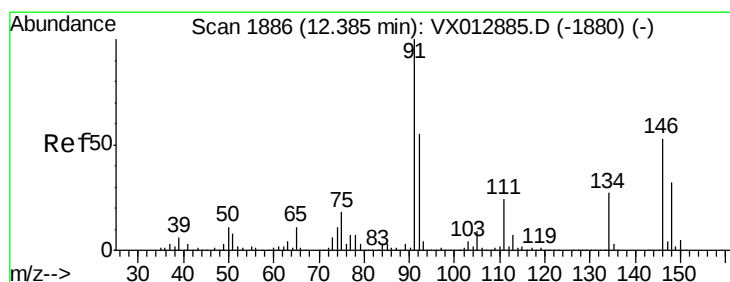
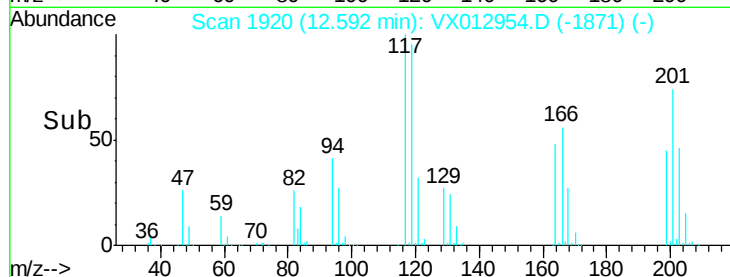
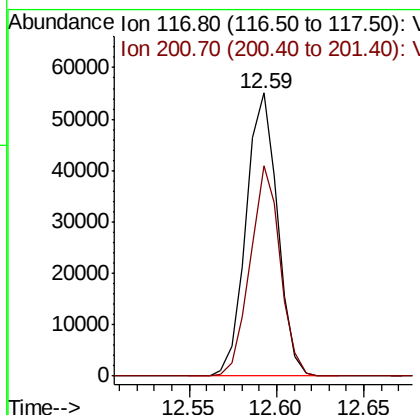
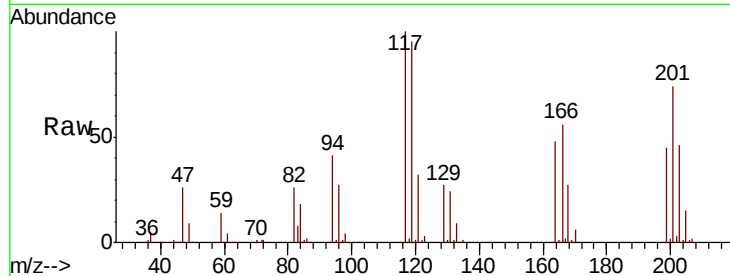
#90
Hexachloroethane
Concen: 49.157 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106BMSD

Tot Ion:117 Resp: 69130
Ion Ratio Lower Upper
117 100
201 71.1 36.9 110.7

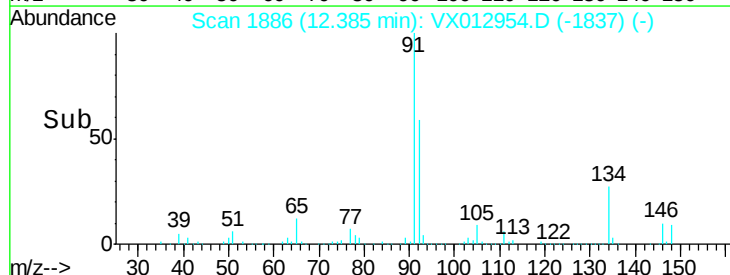
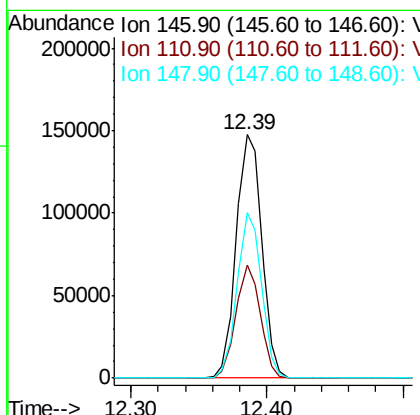
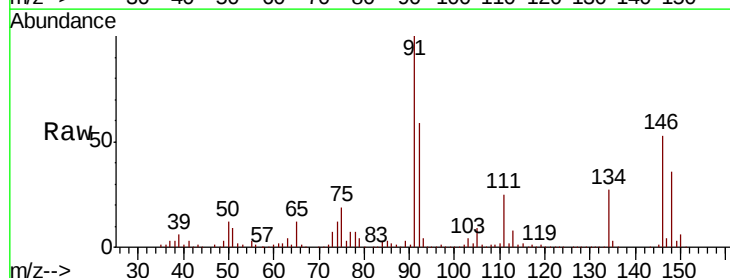
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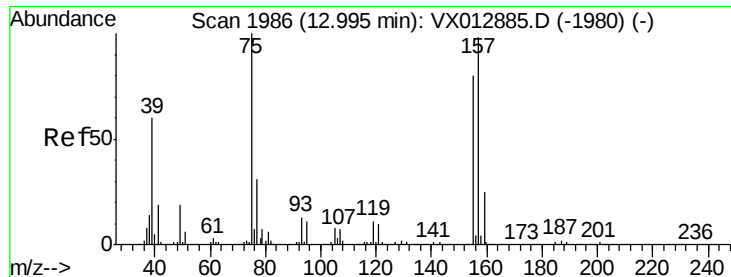
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#91
1,2-Dichlorobenzene
Concen: 51.950 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion:146 Resp: 193498
Ion Ratio Lower Upper
146 100
111 44.4 22.7 68.0
148 64.8 31.6 94.7





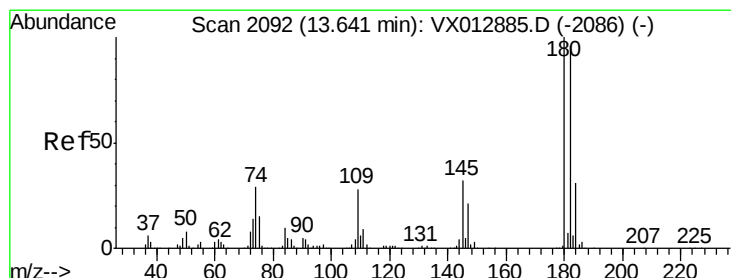
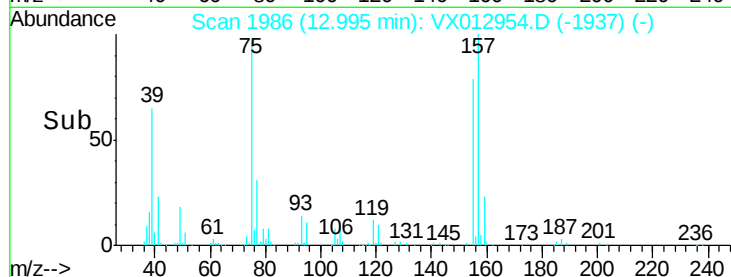
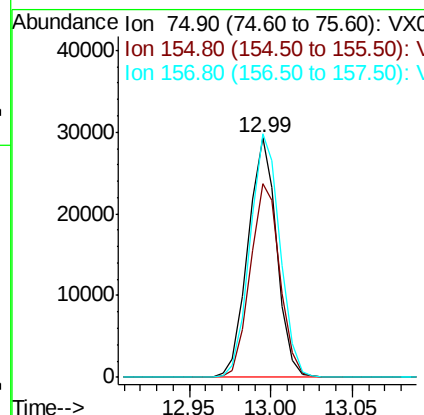
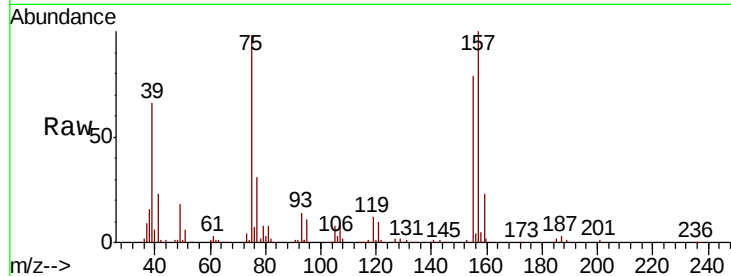
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.188 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	82.9	43.0	128.8
157	105.5	54.1	162.3

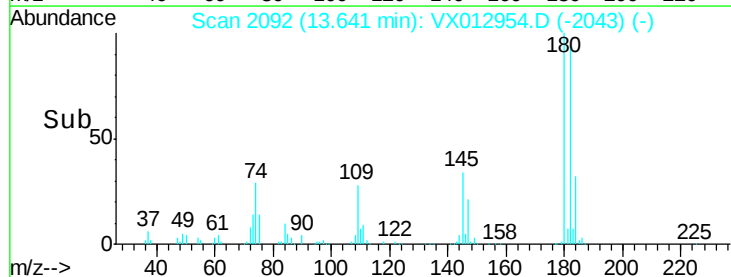
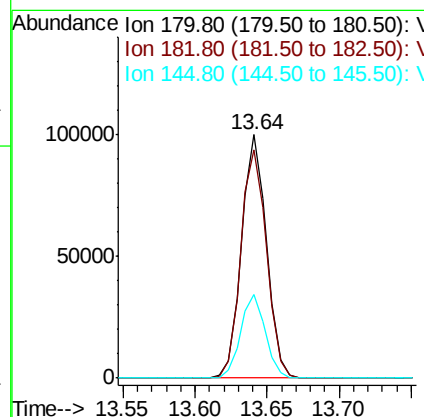
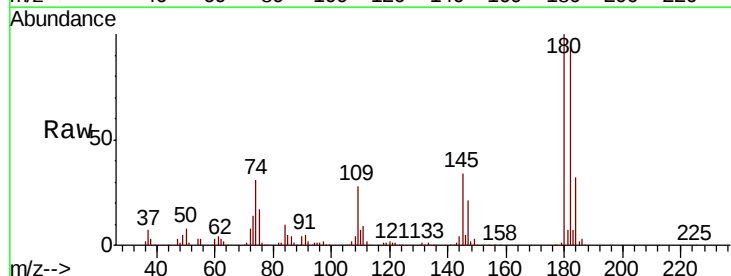
Manual Integrations
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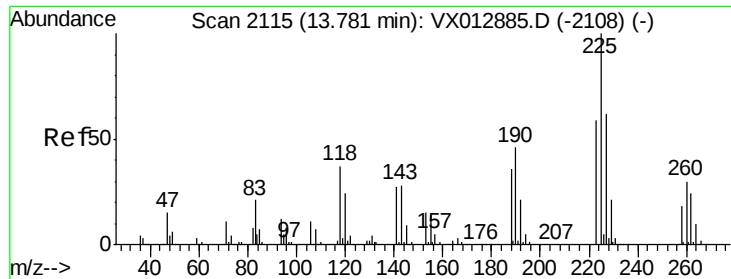
MMDadoda
 10/10/2019 9:33:15 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.802 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.8	140.4
145	33.9	16.2	48.6





#94

Hexachlorobutadiene

Concen: 48.171 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

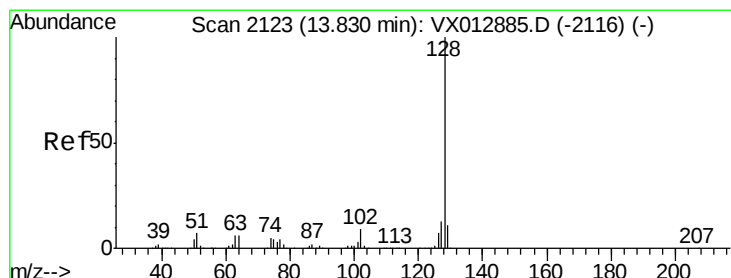
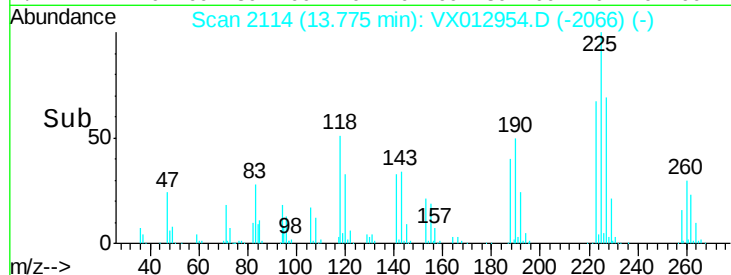
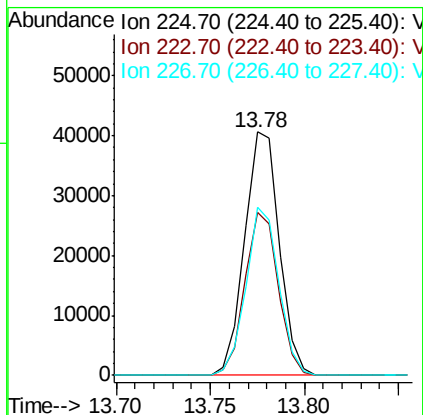
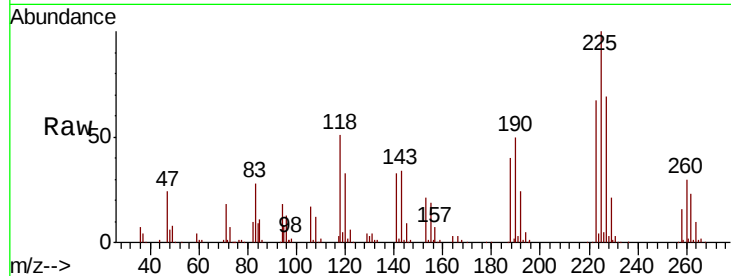
ClientSampleId :

FA19-JBW7106BMSD

Tot Ion:	225	Resp:	51870
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.1	93.2
227	65.4	32.3	96.9

Manual Integrations
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10/10/2019 9:33:15 AM



#95

Naphthalene

Concen: 53.932 ug/l

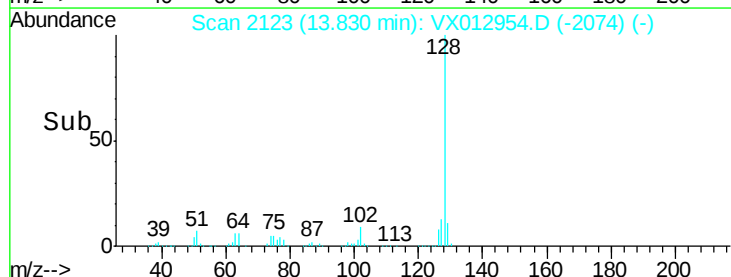
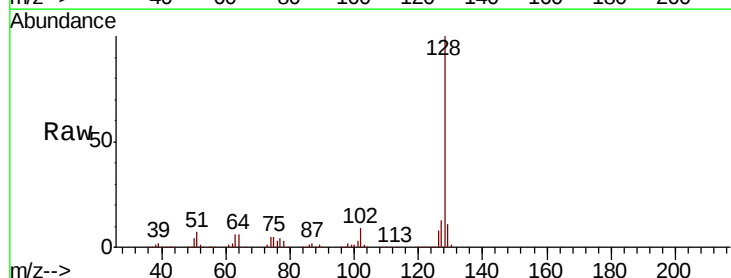
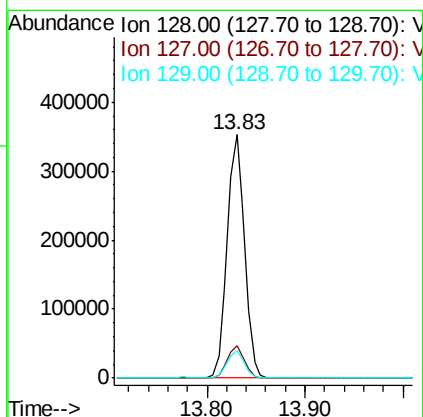
RT: 13.83 min Scan# 2123

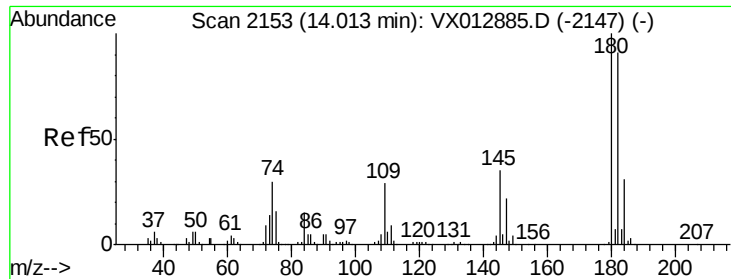
Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion:	128	Resp:	436212
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 51.021 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Tot Ion:	180	Resp:	123019
Ion Ratio	Lower	Upper	
180	100		
182	99.0	47.5	142.5
145	35.9	17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:33:15 AM

