

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011809.D
 Acq On : 23 Aug 2019 19:35
 Operator : JC/SP
 Sample : VX0823WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:40:13 AM

Quant Time: Aug 26 03:43:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	422318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	571078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	523176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	170654	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	
35) Dibromofluoromethane	5.49	113	160766	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	
50) Toluene-d8	8.71	98	592261	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
62) 4-Bromofluorobenzene	11.13	95	217760	42.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66864	16.964	ug/l	99
3) Chloromethane	1.32	50	63433	18.352	ug/l	99
4) Vinyl Chloride	1.40	62	65175	18.862	ug/l	96
5) Bromomethane	1.64	94	38257	20.098	ug/l	98
6) Chloroethane	1.71	64	37262	18.444	ug/l	99
7) Trichlorofluoromethane	1.92	101	98597	17.923	ug/l	97
8) Diethyl Ether	2.18	74	35000	18.711	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58015	17.042	ug/l	97
10) Methyl Iodide	2.50	142	78975	18.994	ug/l	99
11) Tert butyl alcohol	3.03	59	72007	85.894	ug/l	97
12) 1,1-Dichloroethene	2.37	96	58905	17.746	ug/l	97
13) Acrolein	2.29	56	27967	86.302	ug/l	97
14) Allyl chloride	2.72	41	90670	17.477	ug/l	100
15) Acrylonitrile	3.13	53	173955	90.721	ug/l	99
16) Acetone	2.43	43	147059	79.686	ug/l	99
17) Carbon Disulfide	2.56	76	135478	16.143	ug/l	99
18) Methyl Acetate	2.76	43	99205	19.811	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	188951	17.746	ug/l	100
20) Methylene Chloride	2.85	84	65197	17.280	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	62578	17.478	ug/l	95
22) Diisopropyl ether	3.85	45	179896	17.881	ug/l	98
23) Vinyl Acetate	3.81	43	706340	84.798	ug/l	99
24) 1,1-Dichloroethane	3.69	63	103070	17.352	ug/l	98
25) 2-Butanone	4.67	43	227410	85.849	ug/l	97
26) 2,2-Dichloropropane	4.57	77	63841	12.656	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	72125	17.566	ug/l	93
28) Bromochloromethane	5.01	49	45470	16.864	ug/l	92
29) Tetrahydrofuran	5.12	42	151611	89.286	ug/l	98
30) Chloroform	5.20	83	108634	16.857	ug/l	98
31) Cyclohexane	5.57	56	91987	17.633	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	95440	17.037	ug/l	100
36) 1,1-Dichloropropene	5.79	75	76951	17.183	ug/l	95
37) Ethyl Acetate	4.83	43	82622	17.434	ug/l #	96
38) Carbon Tetrachloride	5.77	117	79815	15.726	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0823WBSD01

Manual Integrations
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Quant Time: Aug 26 03:43:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94605	17.048	ug/l	95
40) Benzene	6.13	78	243377	17.568	ug/l	97
41) Methacrylonitrile	5.04	41	47307	17.164	ug/l	98
42) 1,2-Dichloroethane	6.19	62	80118	15.821	ug/l	95
43) Isopropyl Acetate	6.44	43	126744	16.524	ug/l	98
44) Trichloroethene	7.21	130	75532	17.687	ug/l	95
45) 1,2-Dichloropropane	7.51	63	58414	16.776	ug/l	99
46) Dibromomethane	7.66	93	44080	17.170	ug/l	96
47) Bromodichloromethane	7.90	83	77209	16.707	ug/l	96
48) Methyl methacrylate	7.76	41	66205	17.343	ug/l	97
49) 1,4-Dioxane	7.74	88	36118	341.491	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	437418	86.545	ug/l	98
52) Toluene	8.78	92	158779	17.711	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	76087	15.684	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	87243	16.484	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	66308	17.753	ug/l	97
56) Ethyl methacrylate	9.18	69	93779	17.655	ug/l	97
57) 1,3-Dichloropropane	9.37	76	103640	17.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	261749	93.677	ug/l	98
59) 2-Hexanone	9.49	43	337828	87.086	ug/l	98
60) Dibromochloromethane	9.58	129	67168	16.633	ug/l	98
61) 1,2-Dibromoethane	9.67	107	71941	17.951	ug/l	100
64) Tetrachloroethene	9.34	164	76796	18.400	ug/l	97
65) Chlorobenzene	10.13	112	183969	18.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	66526	17.384	ug/l	100
67) Ethyl Benzene	10.25	91	297339	17.420	ug/l	98
68) m/p-Xylenes	10.35	106	237827	36.135	ug/l	98
69) o-Xylene	10.69	106	115513	17.876	ug/l	95
70) Styrene	10.71	104	194174	17.963	ug/l	98
71) Bromoform	10.85	173	55634	16.852	ug/l #	96
73) Isopropylbenzene	11.02	105	310234	18.408	ug/l	99
74) N-amyl acetate	10.90	43	112261	17.205	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	96990	17.386	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	83386m	16.992	ug/l	
77) Bromobenzene	11.26	156	92041	18.525	ug/l	95
78) n-propylbenzene	11.36	91	323187	17.934	ug/l	99
79) 2-Chlorotoluene	11.42	91	201199	17.946	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	258109	18.355	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24256	14.907	ug/l	96
82) 4-Chlorotoluene	11.51	91	228242	17.661	ug/l	98
83) tert-Butylbenzene	11.77	119	257034	18.527	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	261810	18.437	ug/l	99
85) sec-Butylbenzene	11.94	105	292197	18.412	ug/l	98
86) p-Isopropyltoluene	12.06	119	279492	18.304	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	155775	18.206	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154740	17.876	ug/l	99
89) n-Butylbenzene	12.38	91	212820	16.837	ug/l	99
90) Hexachloroethane	12.59	117	40480	17.064	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	156271	18.108	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20887	16.108	ug/l	92

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

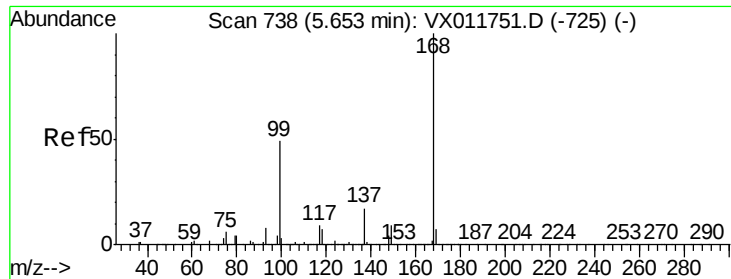
Manual Integrations
APPROVED

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8/26/2019 11:40:13 AM

Quant Time: Aug 26 03:43:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112568	17.733	ug/l	98
94) Hexachlorobutadiene	13.78	225	58901	16.933	ug/l	99
95) Naphthalene	13.83	128	331305	18.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117196	18.387	ug/l	99

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



#1

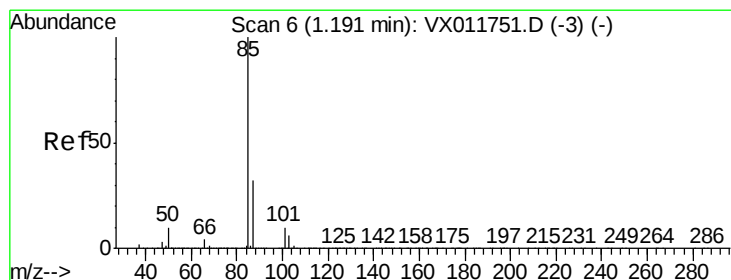
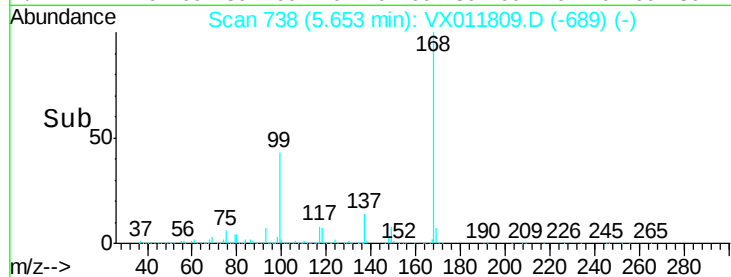
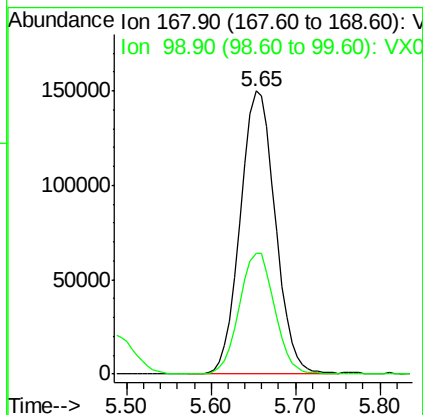
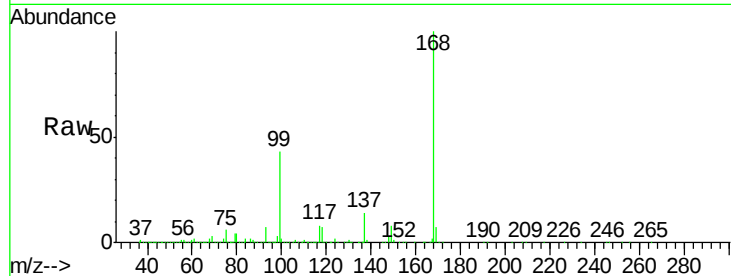
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	42.7	39.4	59.2

Manual Integrations
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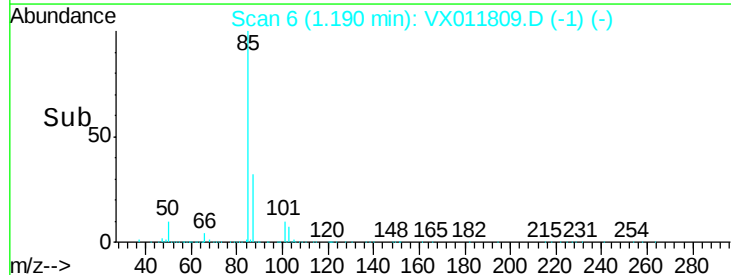
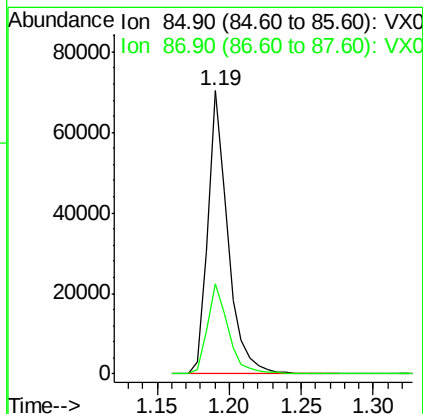
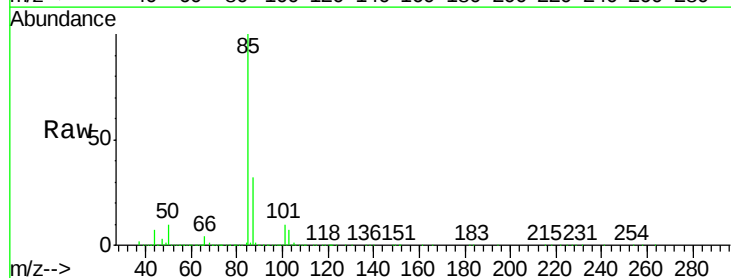
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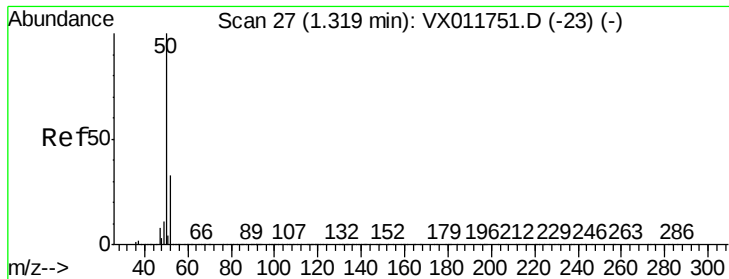


#2

Dichlorodifluoromethane
 Concen: 16.964 ug/l
 RT: 1.19 min Scan# 6
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.1	48.2





#3

Chloromethane

Concen: 18.352 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 50 Resp: 63433

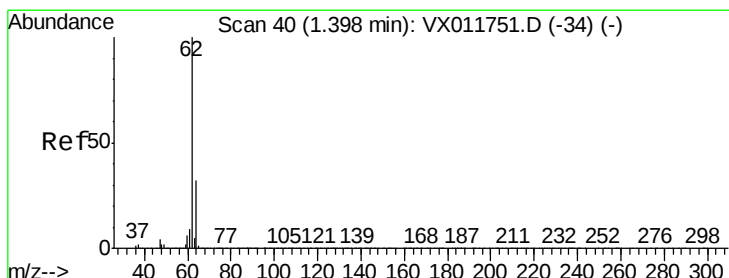
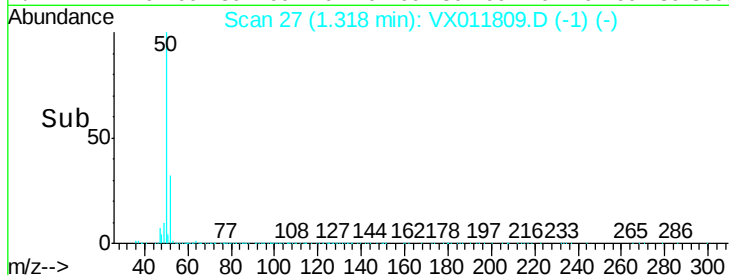
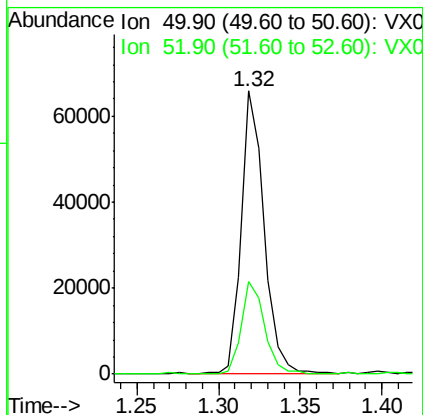
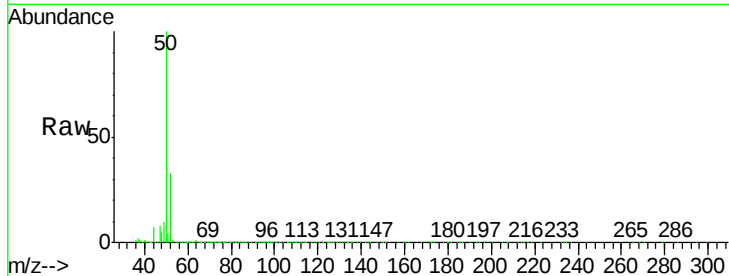
Ion Ratio Lower Upper

50 100

52 32.5 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.862 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011809.D

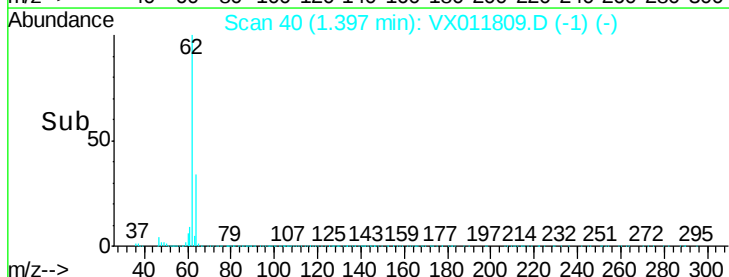
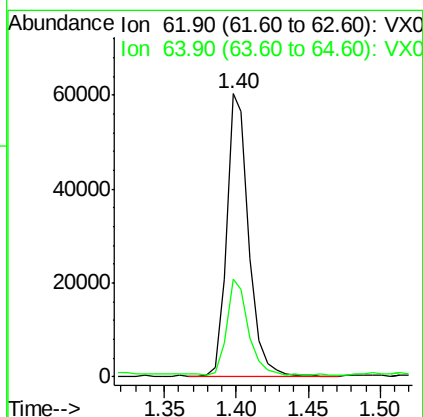
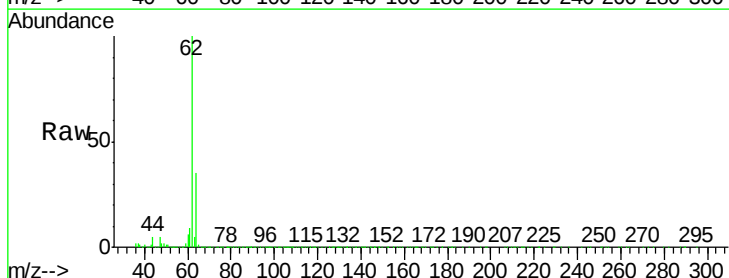
Acq: 23 Aug 2019 19:35

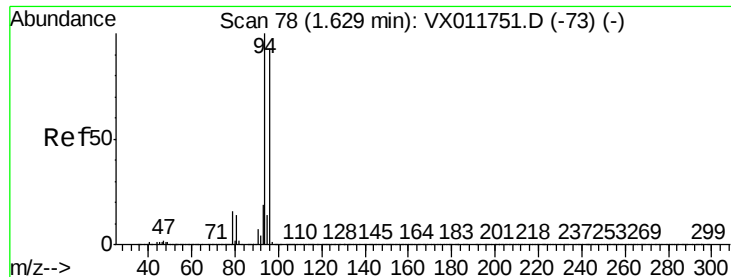
Tgt Ion: 62 Resp: 65175

Ion Ratio Lower Upper

62 100

64 34.0 25.5 38.3





#5

Bromomethane

Concen: 20.098 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 94 Resp: 38257

Ion Ratio Lower Upper

94 100

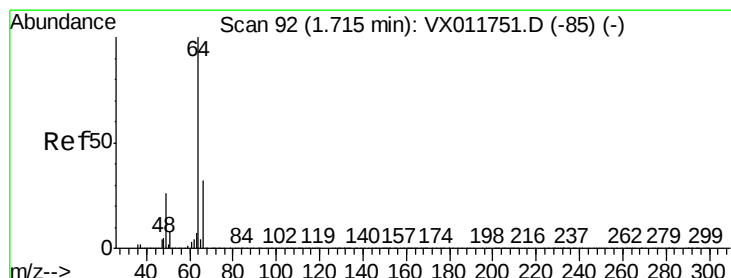
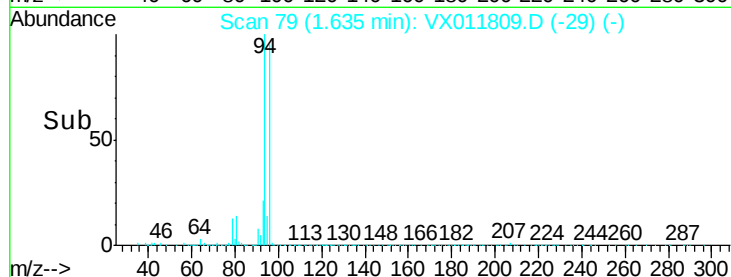
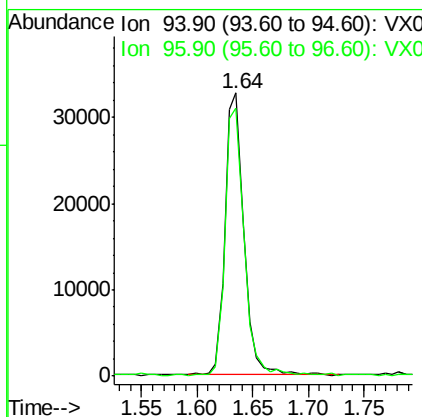
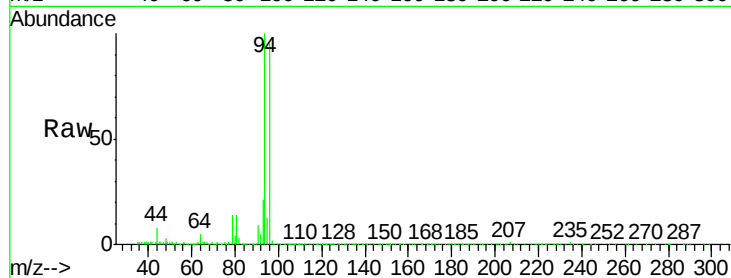
96 95.0 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 18.444 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011809.D

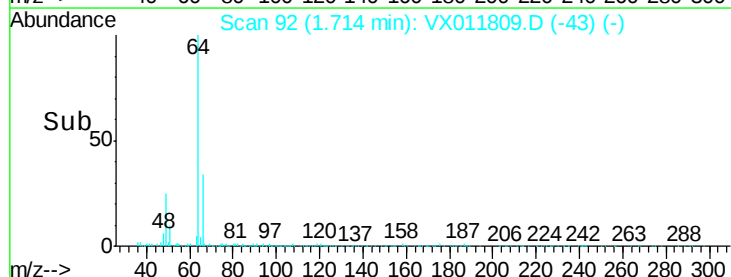
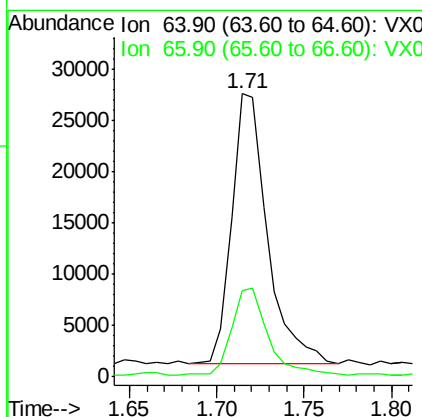
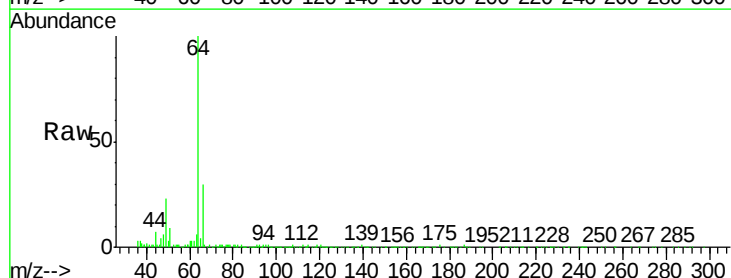
Acq: 23 Aug 2019 19:35

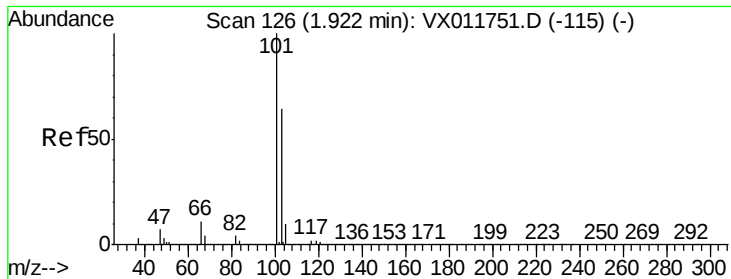
Tgt Ion: 64 Resp: 37262

Ion Ratio Lower Upper

64 100

66 30.6 24.9 37.3





#7

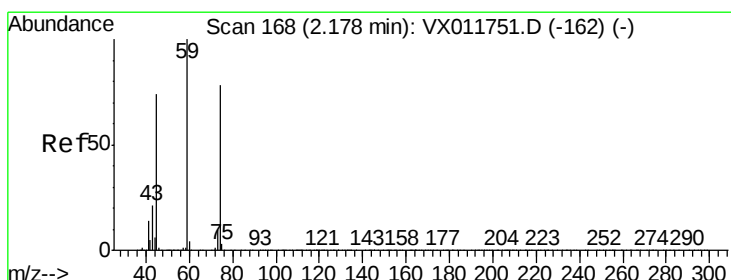
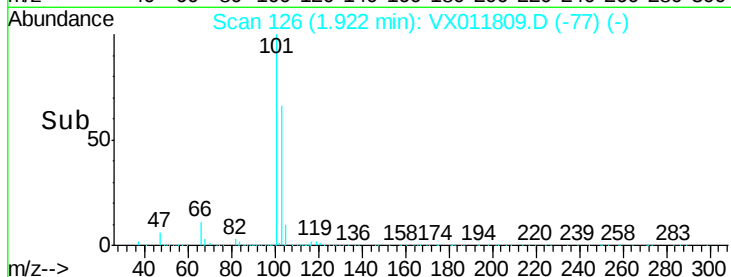
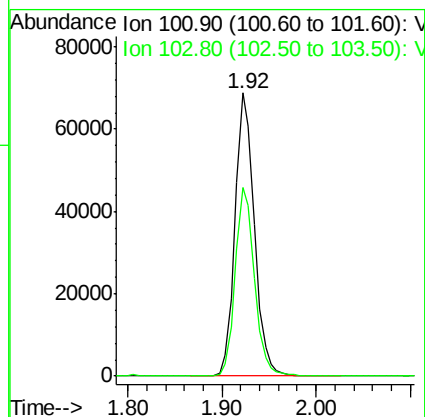
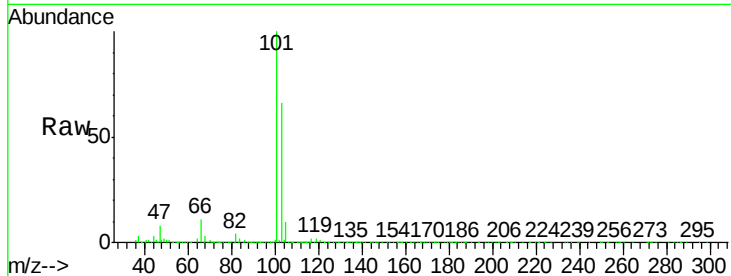
Trichlorofluoromethane
Concen: 17.923 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.2	76.8

Manual Integrations
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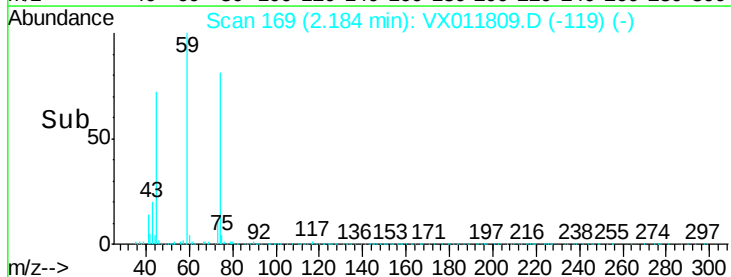
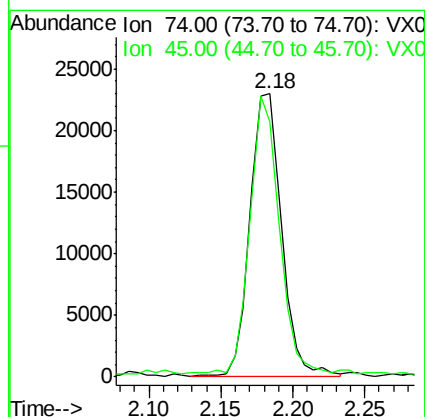
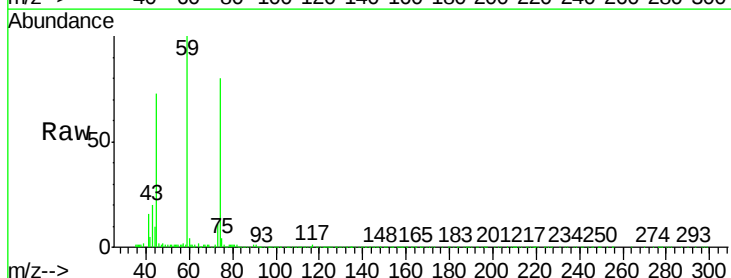
MMDadoda
8/26/2019 11:40:13 AM

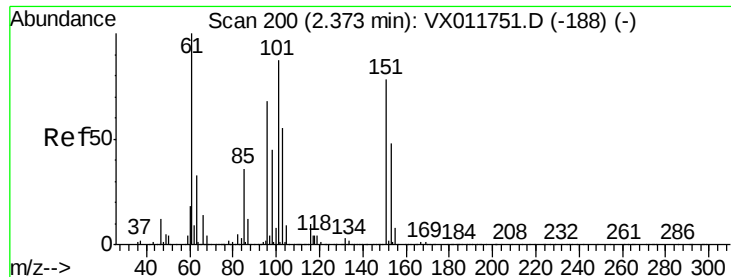


#8

Diethyl Ether
Concen: 18.711 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	46.7	140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.042 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

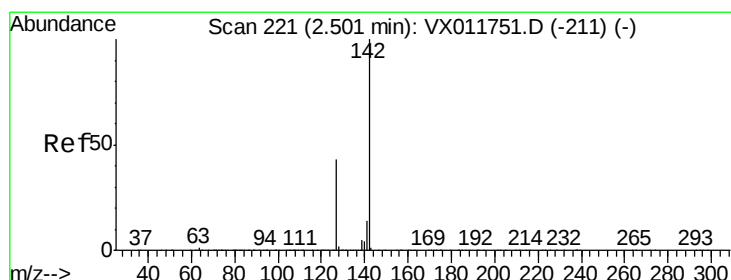
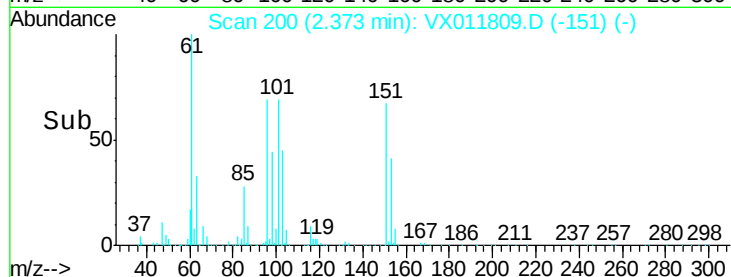
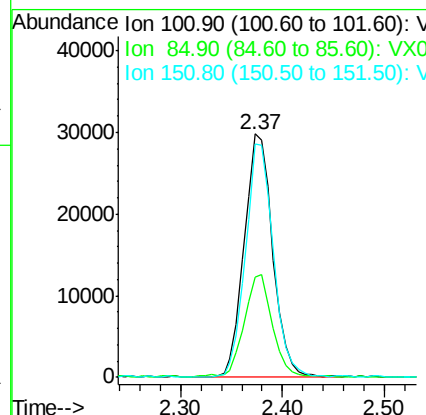
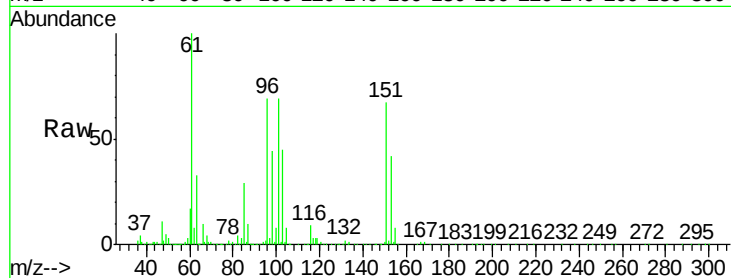
ClientSampleId :

VX0823WBSD01

Tot Ion:	101	Resp:	58015
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	94.1	71.4	107.2

Manual Integrations
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#10

Methyl Iodide

Concen: 18.994 ug/l

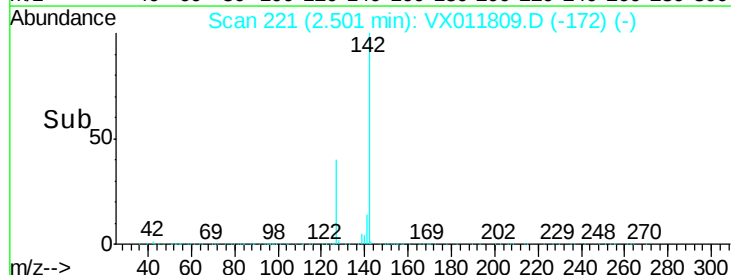
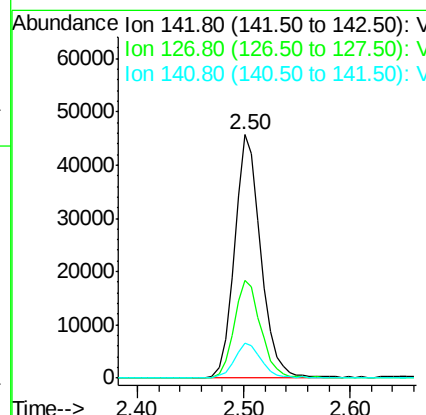
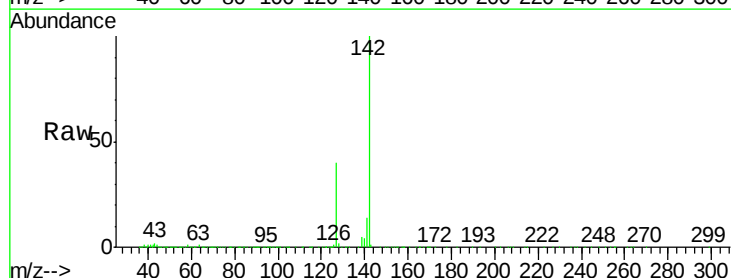
RT: 2.50 min Scan# 221

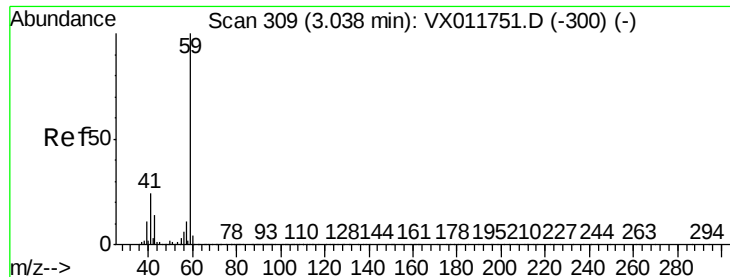
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	142	Resp:	78975
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.5	50.3
141	15.0	11.4	17.2





#11

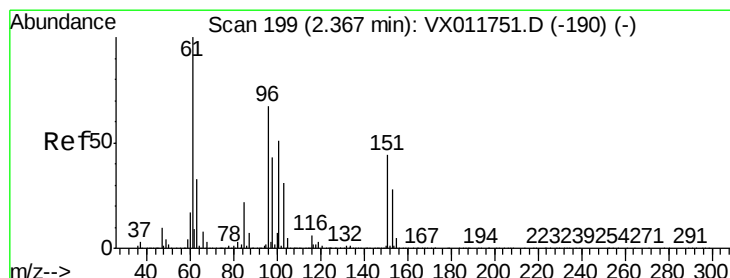
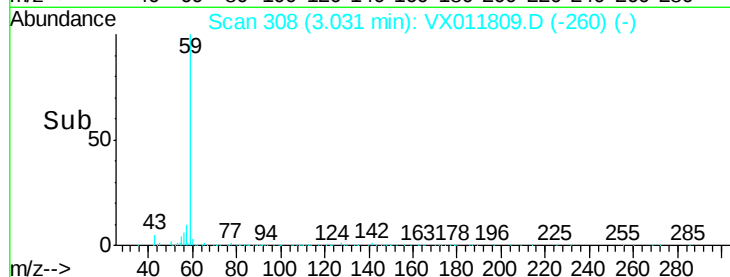
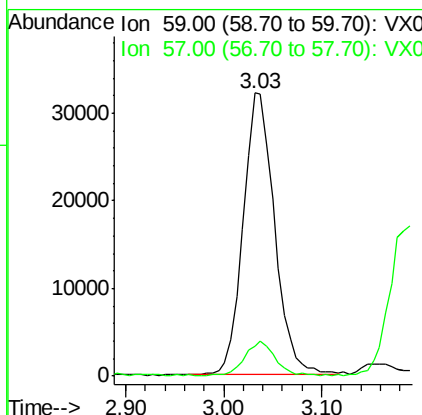
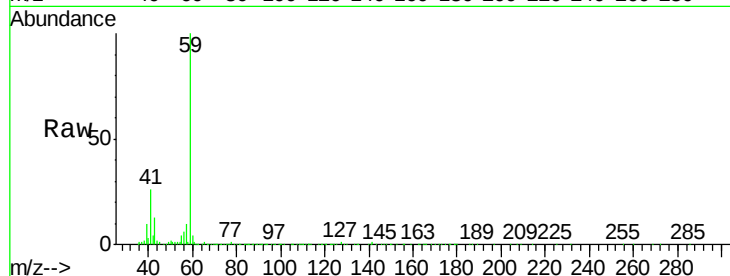
Tert butyl alcohol
Concen: 85.894 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.4	12.6

Manual Integrations
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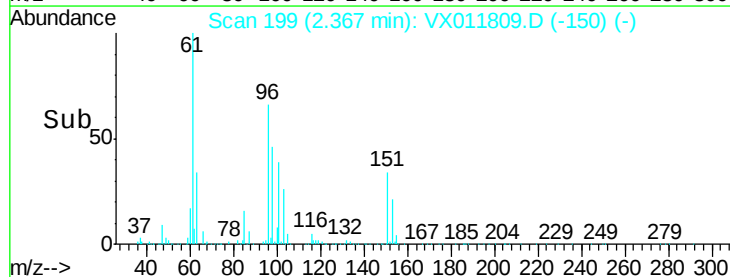
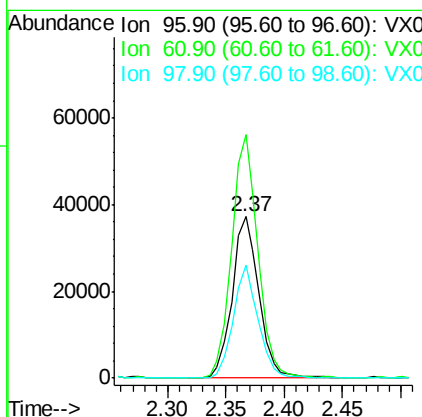
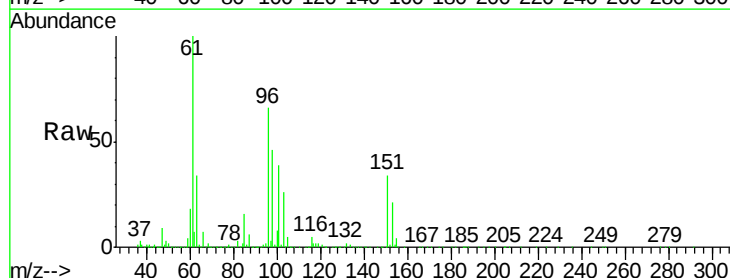
MMDadoda
8/26/2019 11:40:13 AM

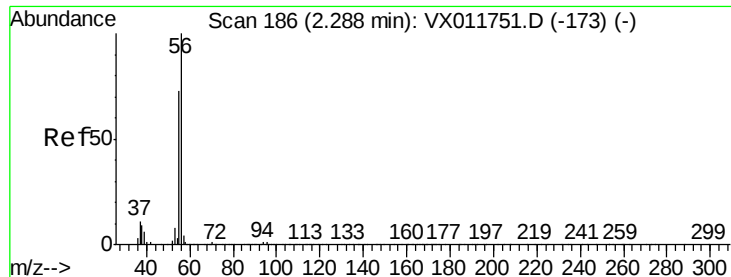


#12

1,1-Dichloroethene
Concen: 17.746 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.5	119.4	179.2
98	70.0	51.2	76.8





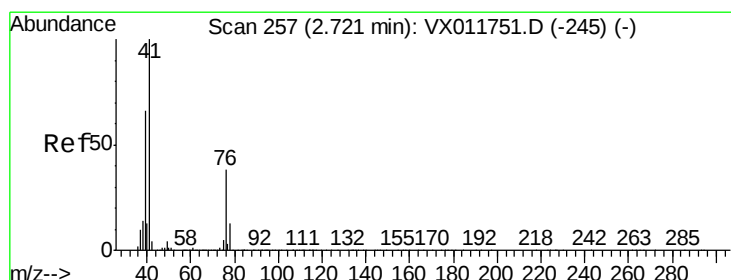
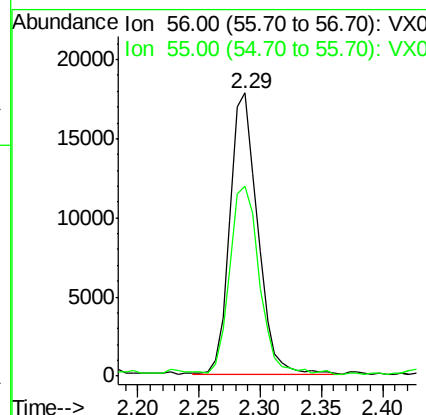
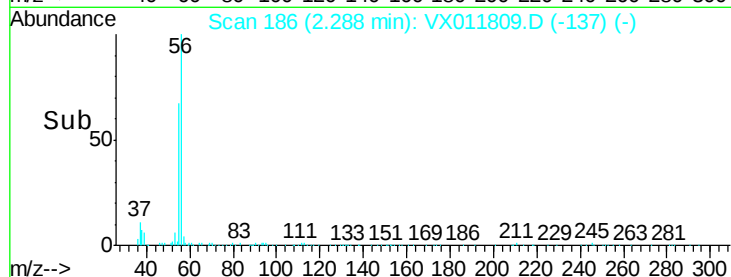
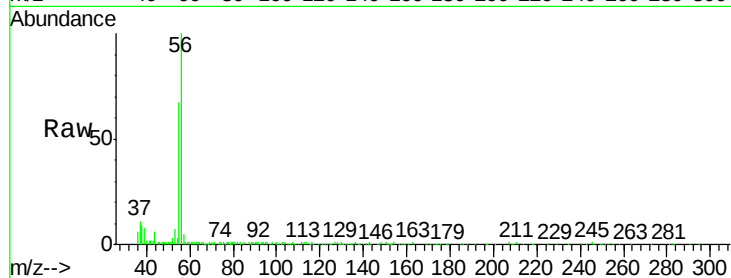
#13
Acrolein
Concen: 86.302 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	54.8	82.2

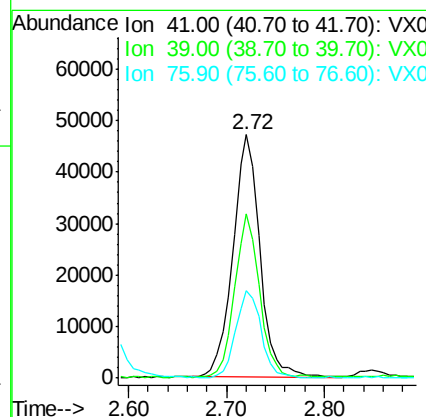
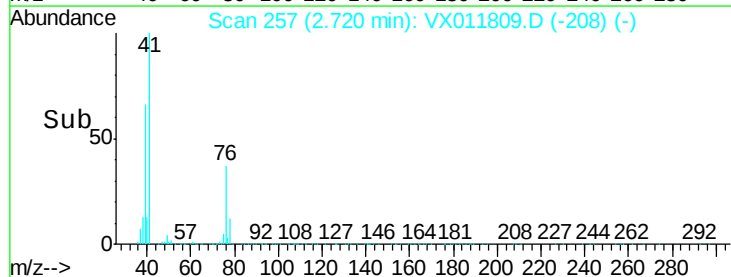
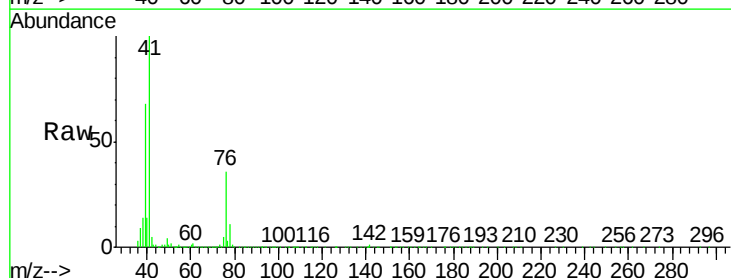
Manual Integrations
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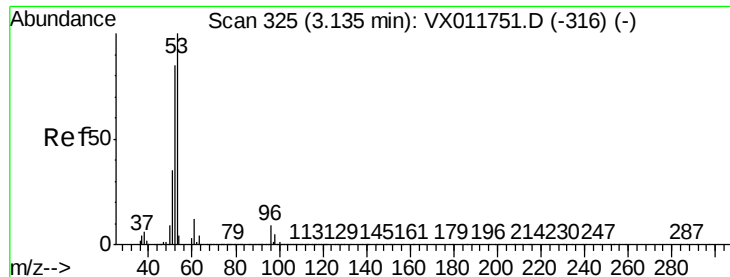
MMDadoda
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#14
Allyl chloride
Concen: 17.477 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.8	49.3	73.9
76	33.1	26.8	40.2





#15

Acrylonitrile

Concen: 90.721 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

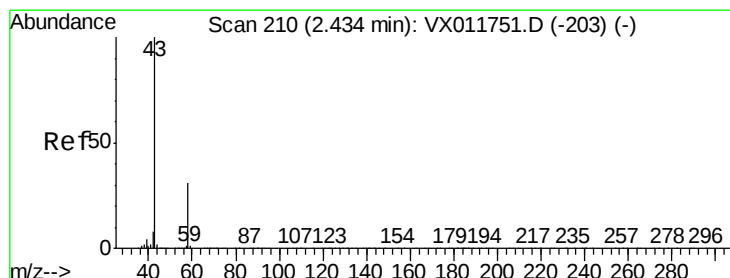
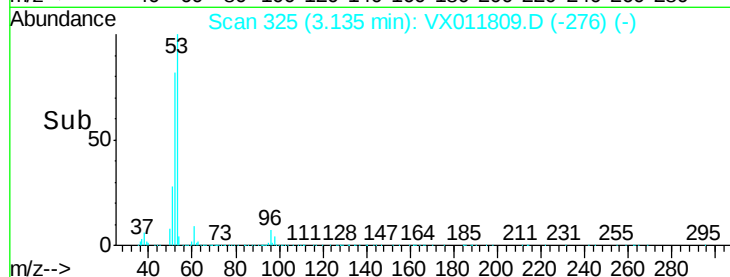
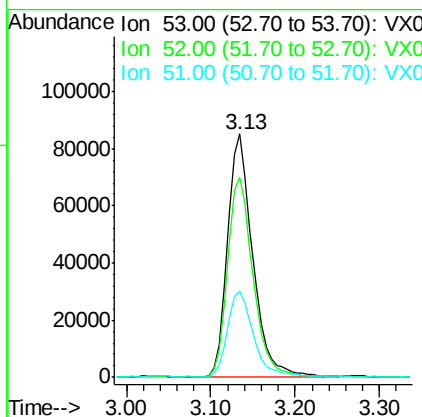
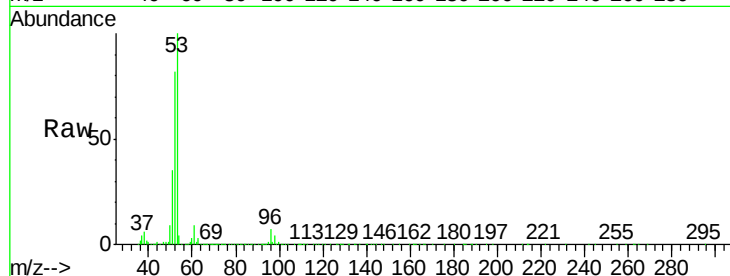
ClientSampleId :

VX0823WBSD01

Tot Ion:	53	Resp:	173955
Ion Ratio		Lower	Upper
53	100		
52	83.0	65.7	98.5
51	36.1	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 79.686 ug/l

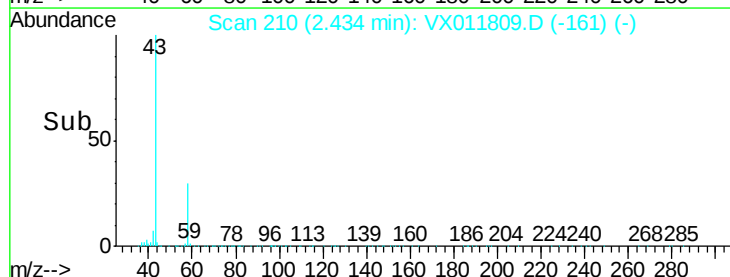
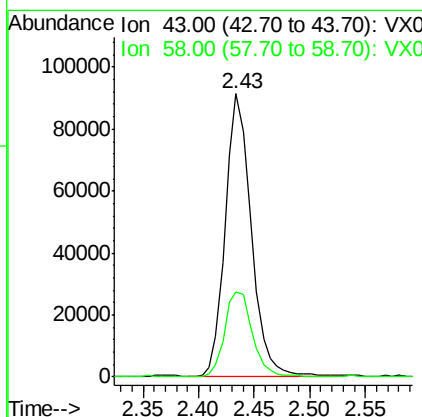
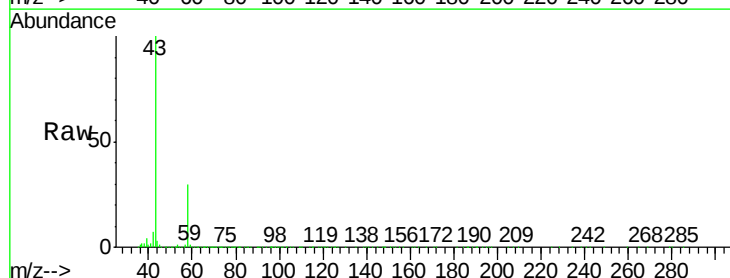
RT: 2.43 min Scan# 210

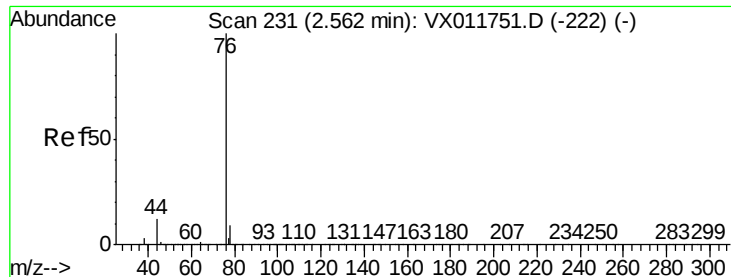
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	43	Resp:	147059
Ion Ratio		Lower	Upper
43	100		
58	29.8	24.4	36.6





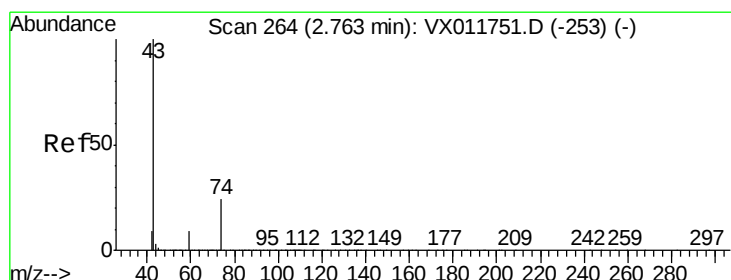
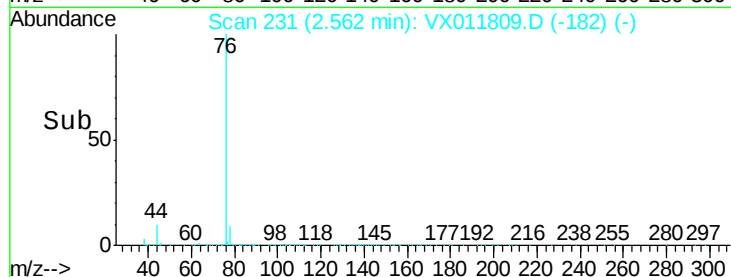
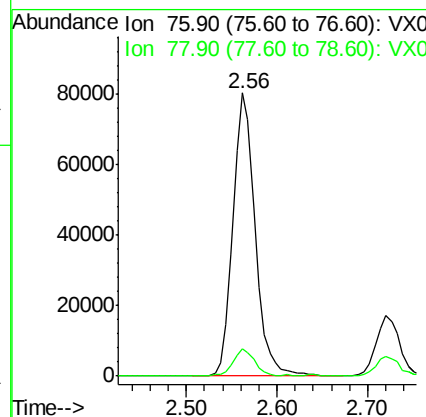
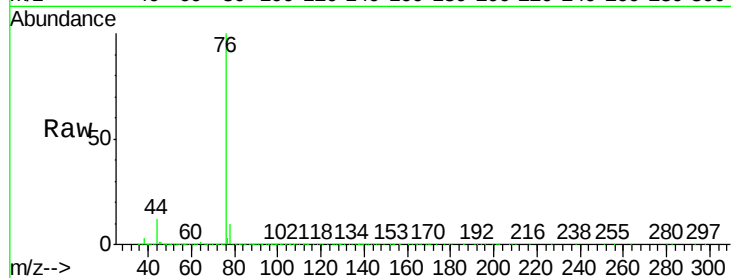
#17
Carbon Disulfide
Concen: 16.143 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

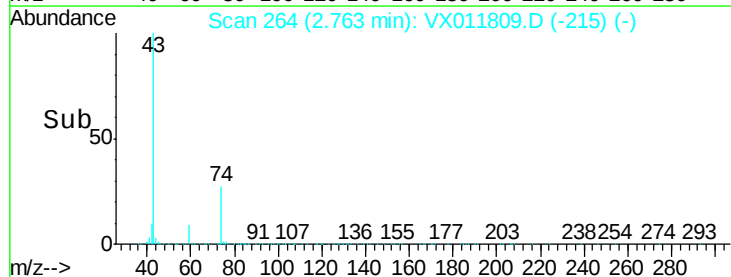
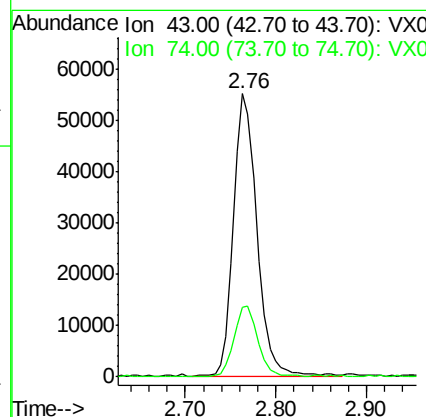
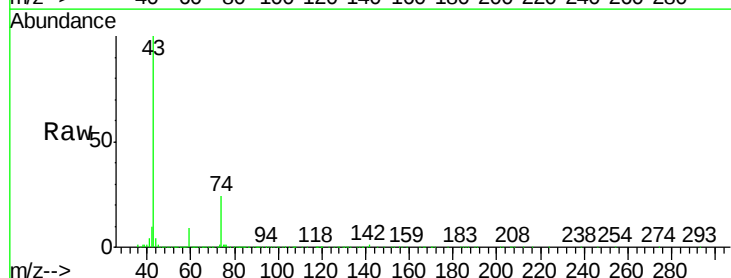
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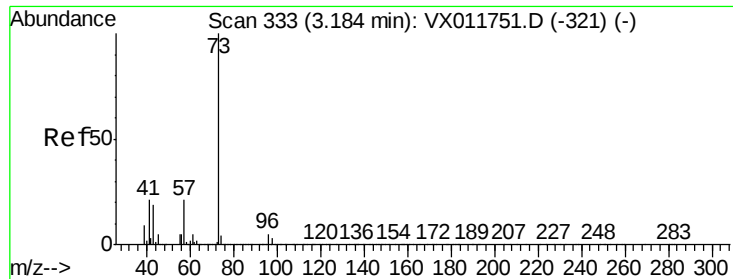
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#18
Methyl Acetate
Concen: 19.811 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.5	29.3





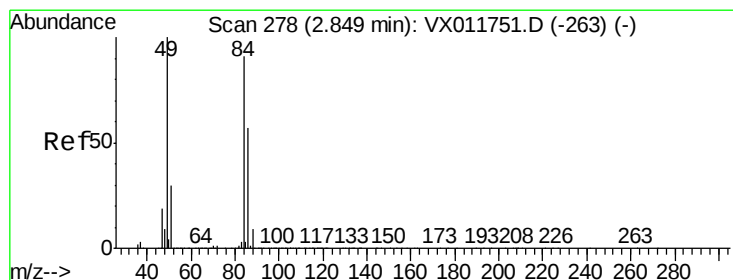
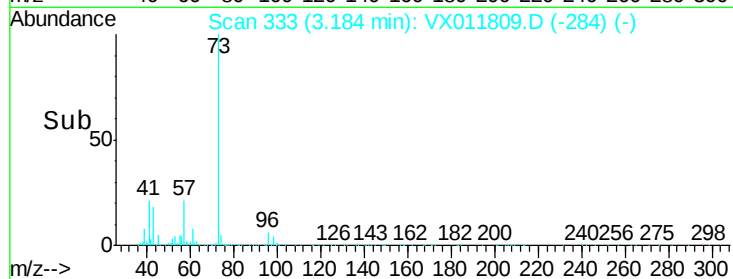
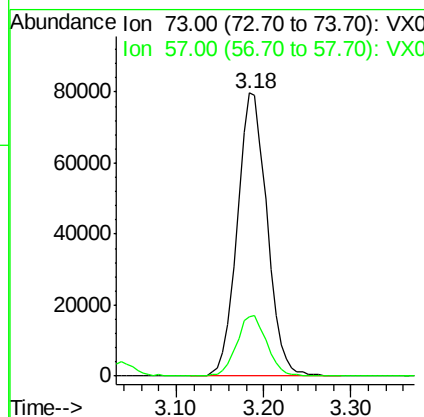
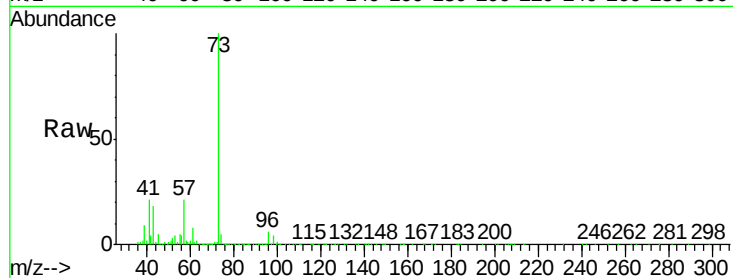
#19
Methvl tert-butvl Ether
Concen: 17.746 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	73	Resp	188951
Ion Ratio	Lower	Upper	
73	100		
57	20.6	16.4	24.6

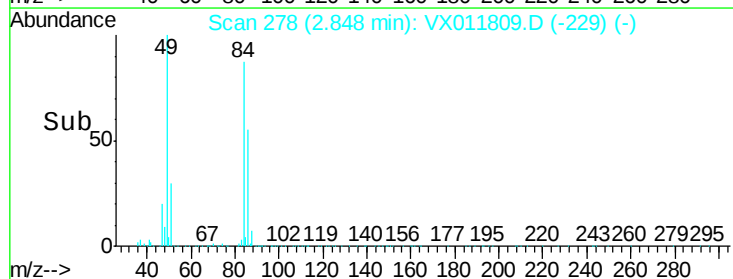
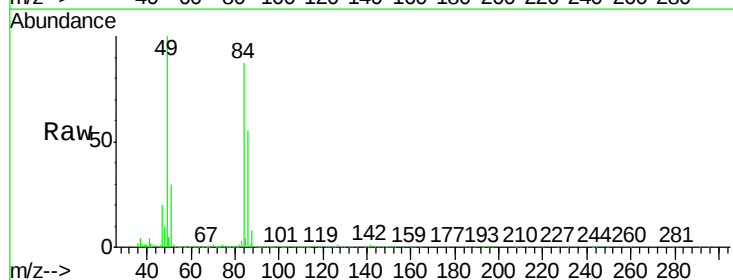
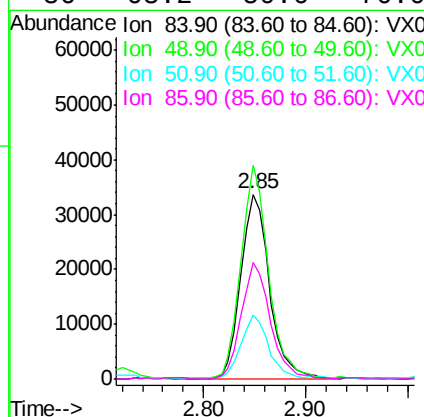
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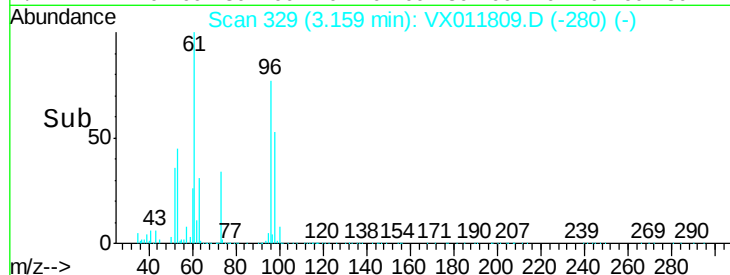
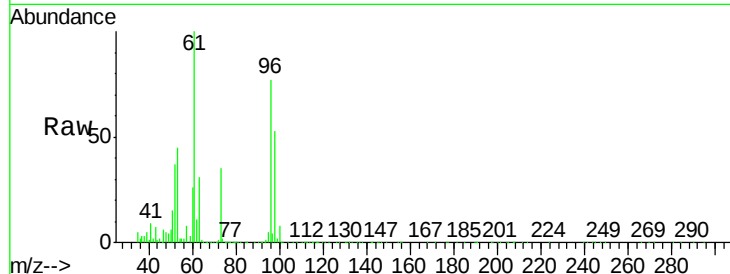
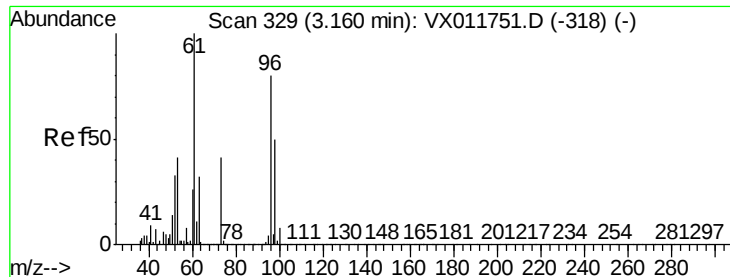
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#20
Methylene Chloride
Concen: 17.280 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	84	Resp	65197
Ion Ratio	Lower	Upper	
84	100		
49	114.9	88.3	132.5
51	34.4	26.2	39.2
86	63.2	50.6	76.0





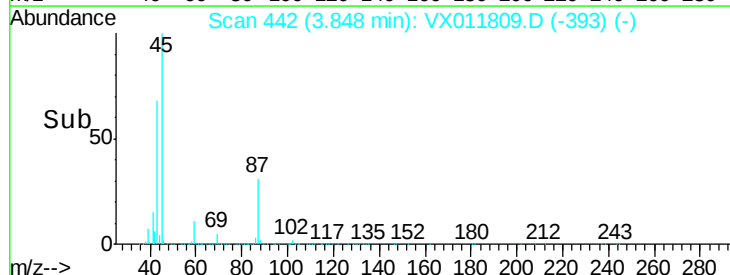
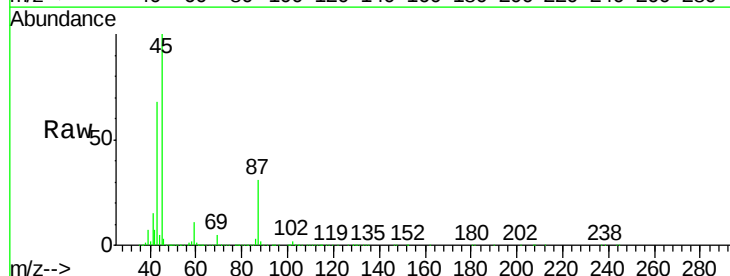
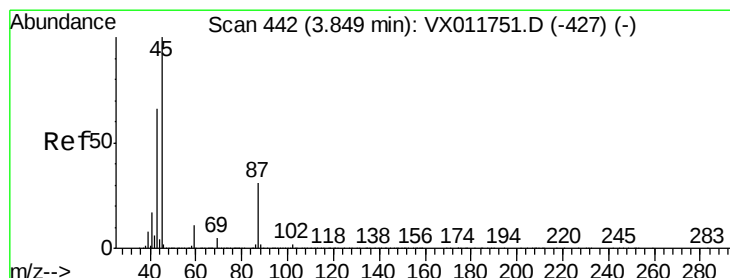
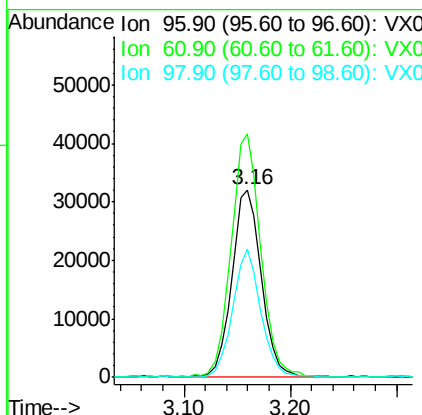
#21
trans-1,2-Dichloroethene
Concen: 17.478 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.6	99.8	149.8
98	68.1	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

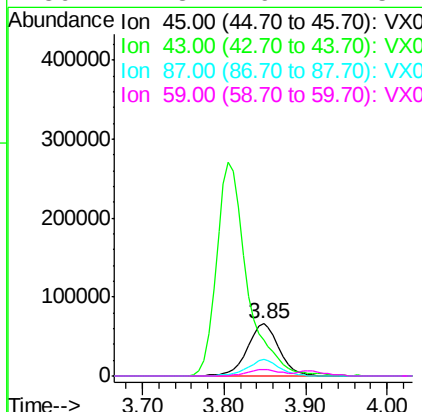
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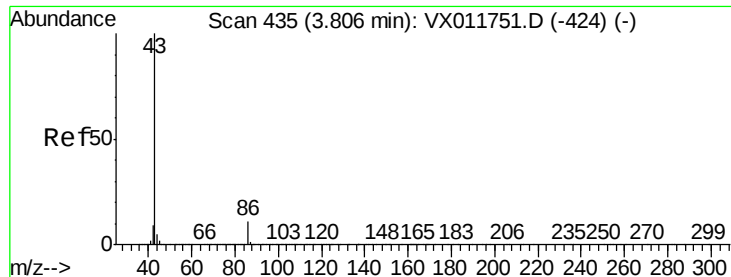
MMDadoda
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#22
Diisopropyl ether
Concen: 17.881 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.0	53.0	79.6
87	31.2	24.7	37.1
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 84.798 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 43 Resp: 706340

Ion Ratio Lower Upper

43 100

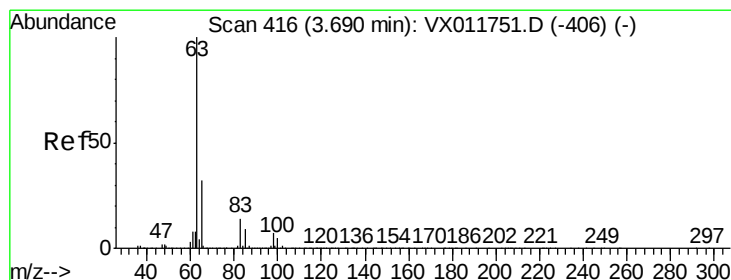
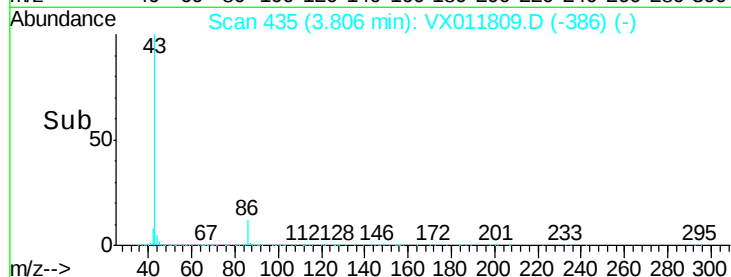
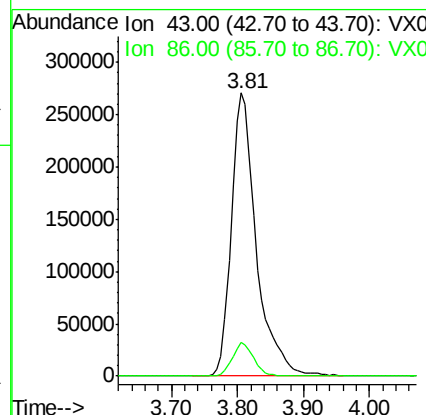
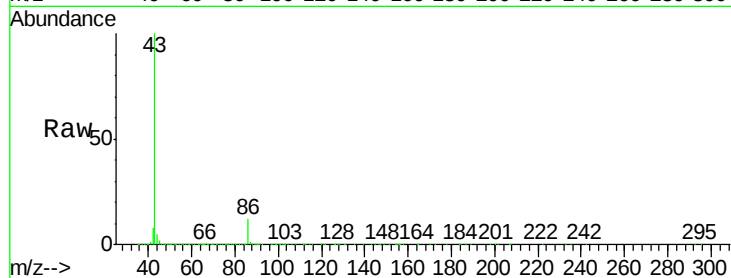
86 11.8 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.352 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

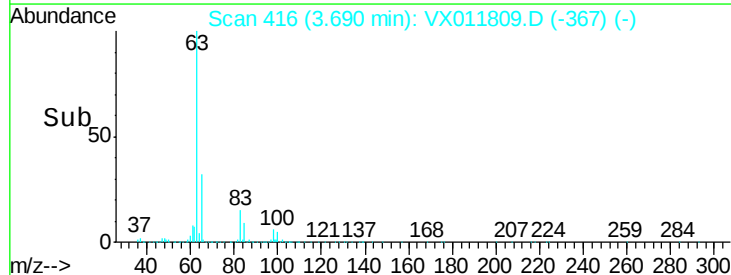
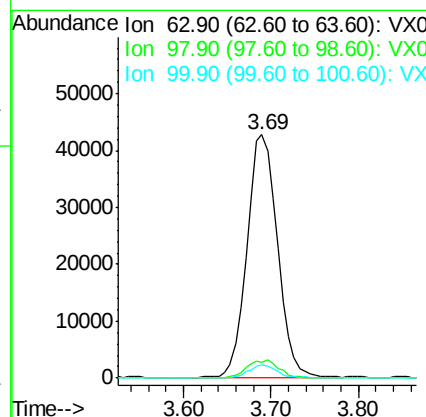
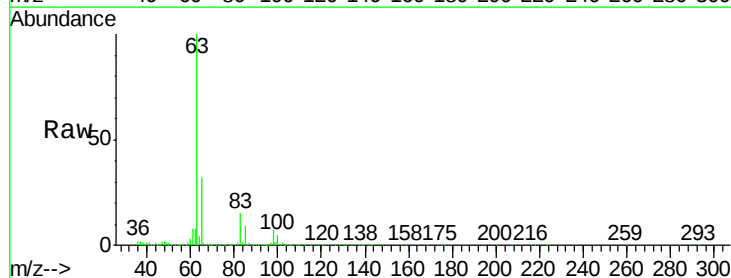
Tgt Ion: 63 Resp: 103070

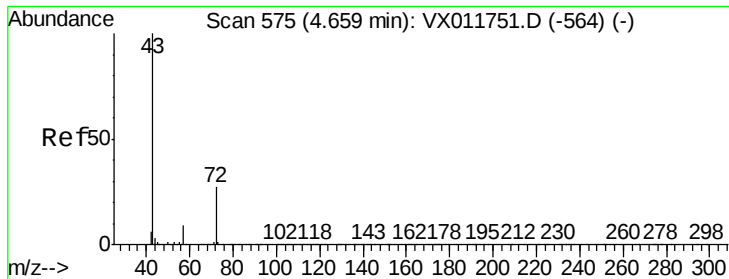
Ion Ratio Lower Upper

63 100

98 6.5 3.7 11.1

100 5.3 2.3 6.9





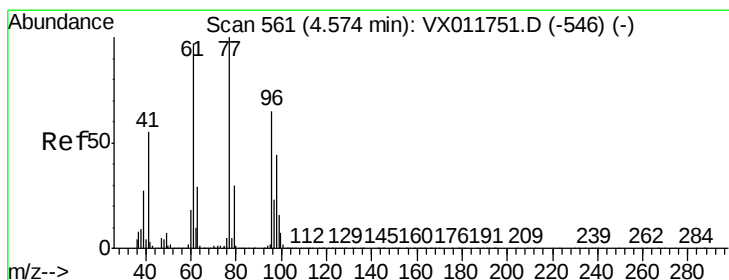
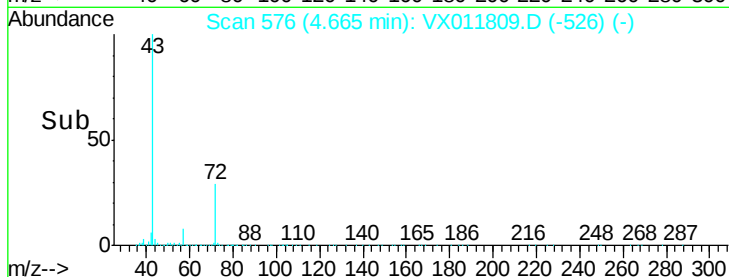
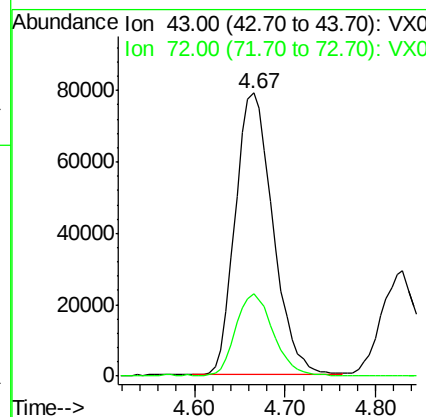
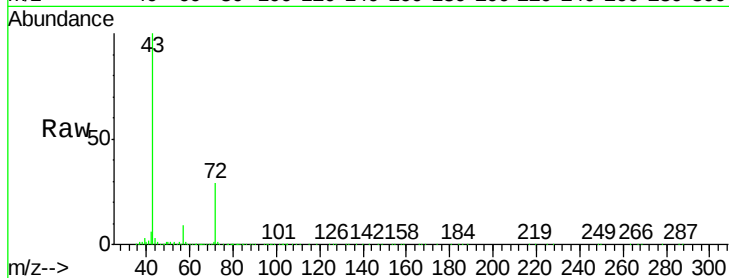
#25
2-Butanone
Concen: 85.849 ug/l
RT: 4.67 min Scan# 576
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	28.9	21.8	32.6

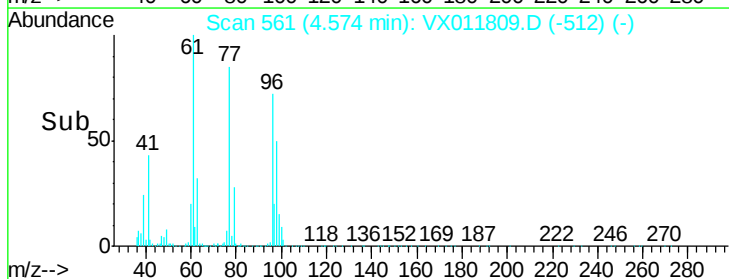
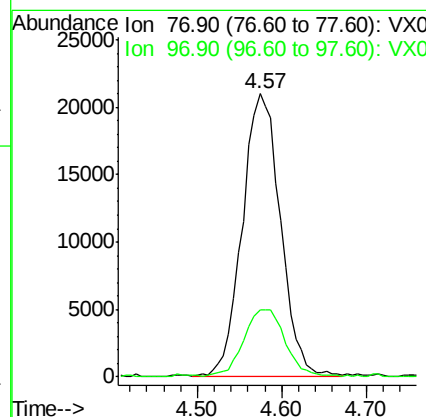
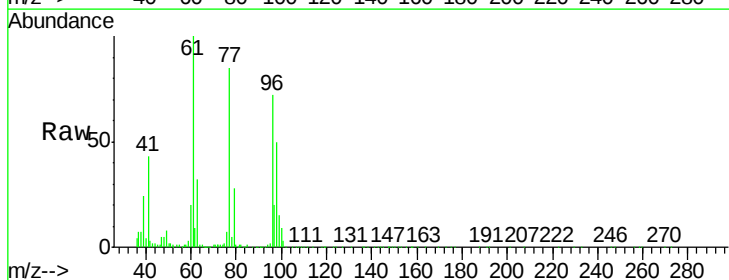
Manual Integrations
APPROVED

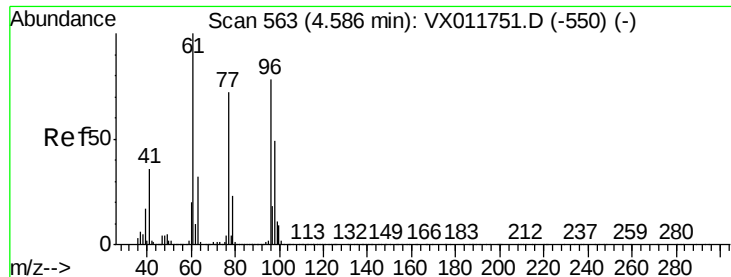
MMDadoda
8/26/2019 11:40:13 AM



#26
2,2-Dichloropropane
Concen: 12.656 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
77	100		
97	26.3	12.2	36.6





#27

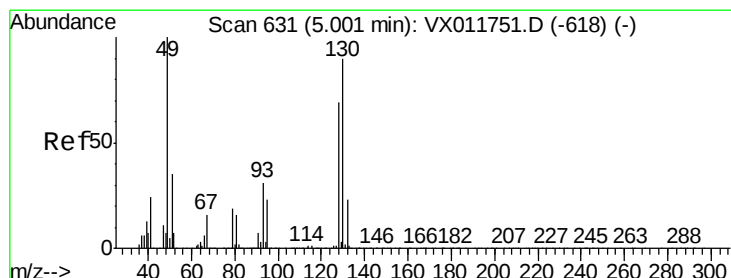
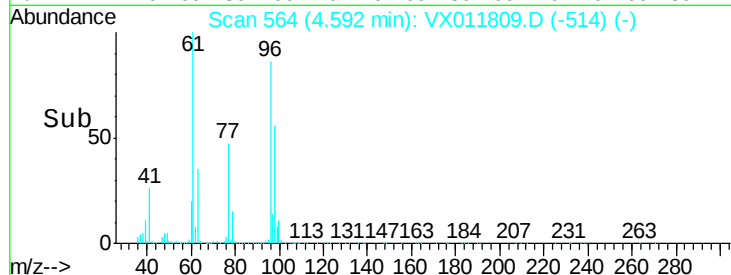
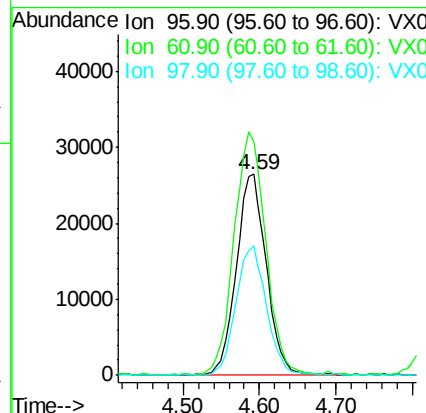
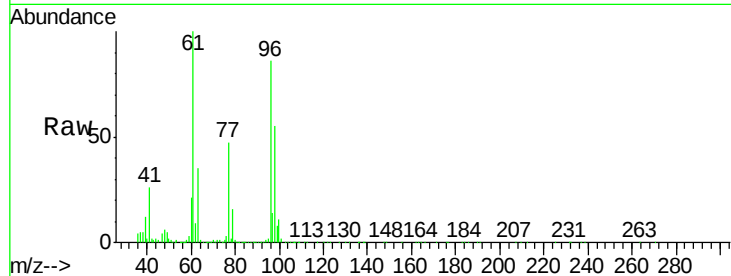
cis-1,2-Dichloroethene
Concen: 17.566 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	275.8
98	64.4	0.0	128.2

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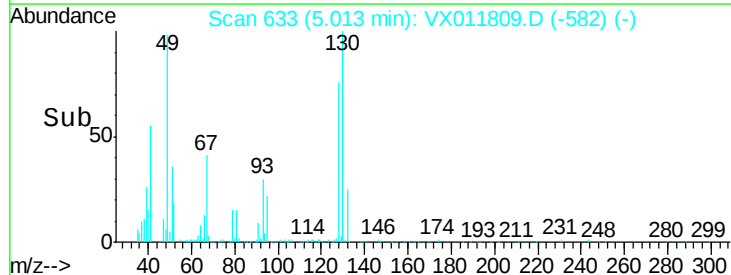
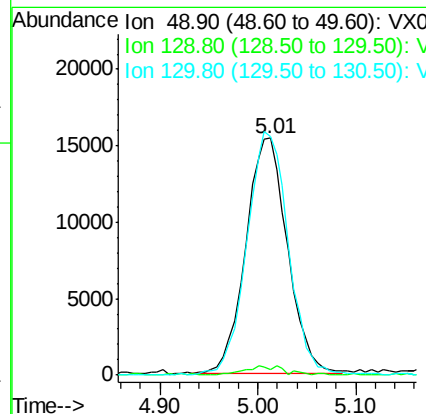
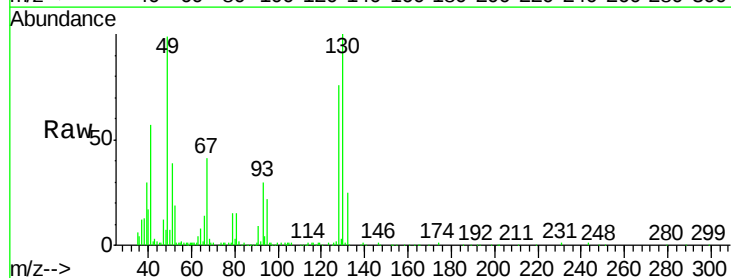
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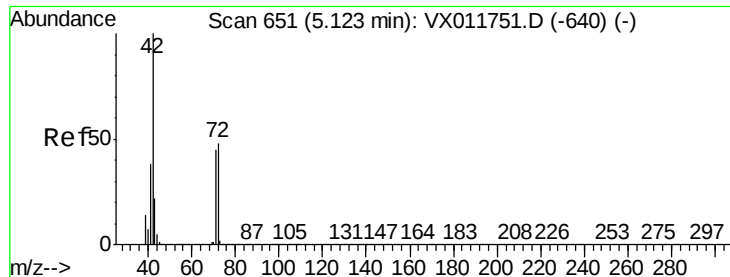


#28

Bromochloromethane
Concen: 16.864 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.8
130	103.9	76.8	115.2





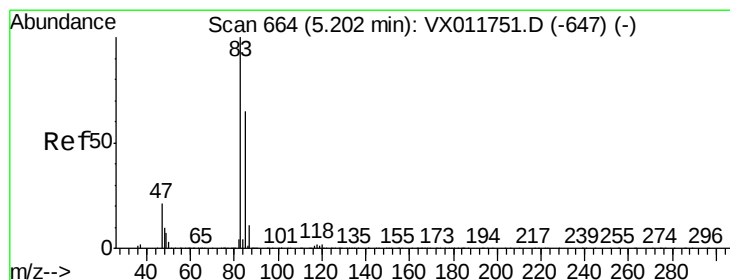
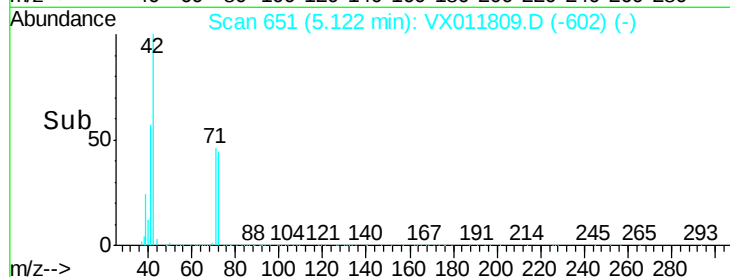
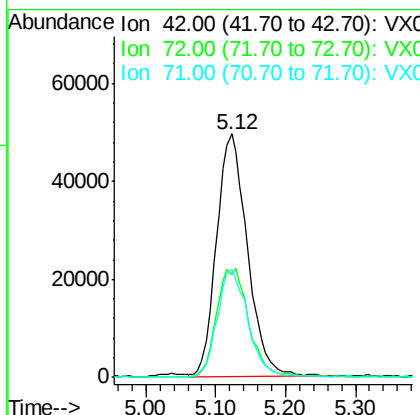
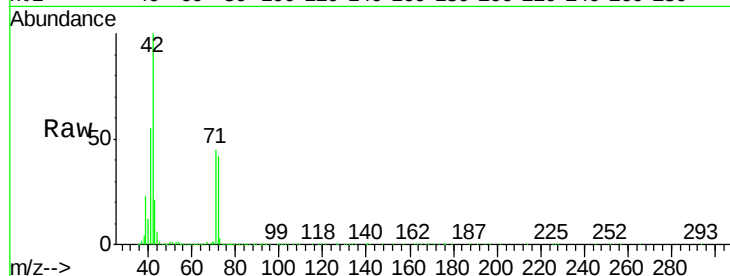
#29
Tetrahydrofuran
Concen: 89.286 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.6	56.4
71	44.6	34.6	51.8

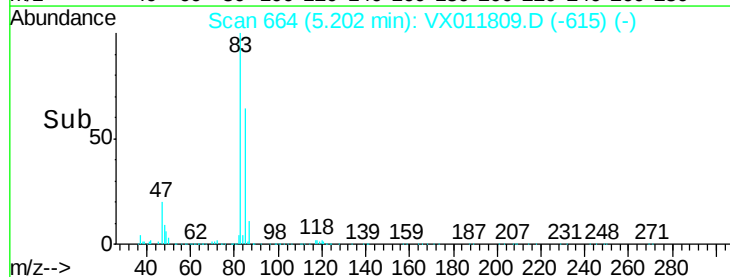
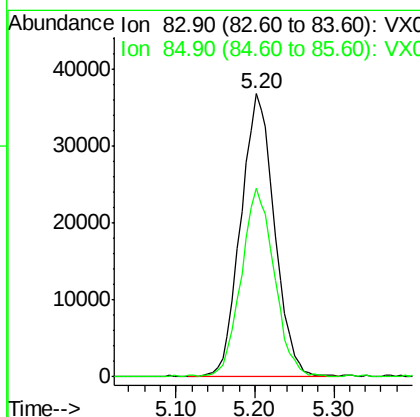
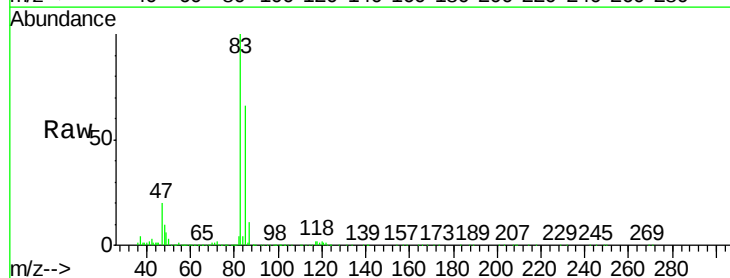
Manual Integrations
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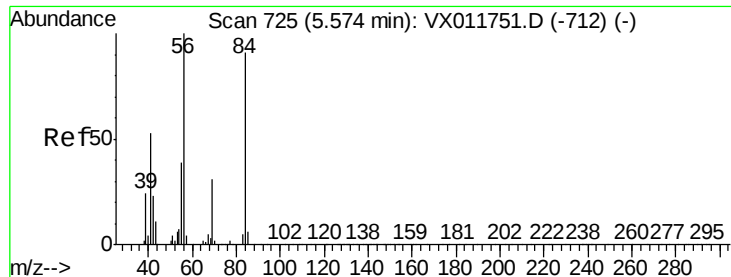
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#30
Chloroform
Concen: 16.857 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.8	77.8





#31

Cyclohexane

Concen: 17.633 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

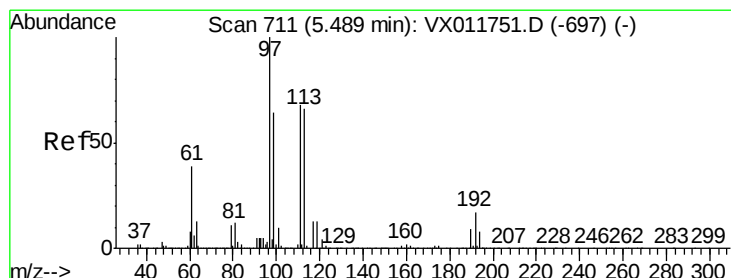
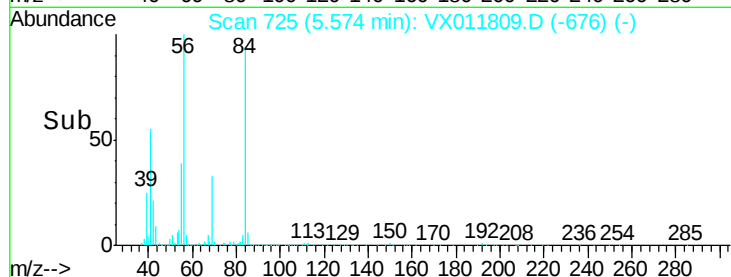
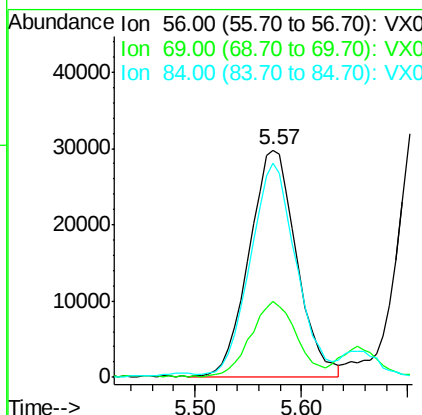
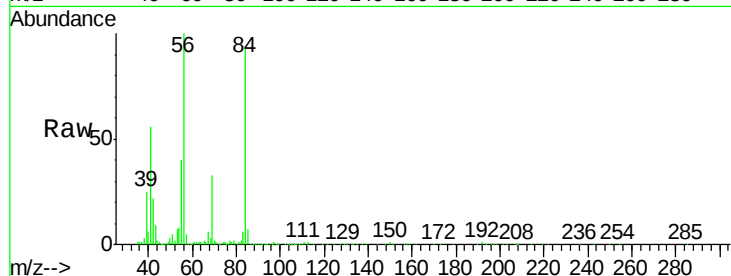
ClientSampleId :

VX0823WBSD01

Tot Ion:	56	Resp:	91987
Ion Ratio	Lower	Upper	
56	100		
69	33.3	24.5	36.7
84	92.8	72.7	109.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.037 ug/l

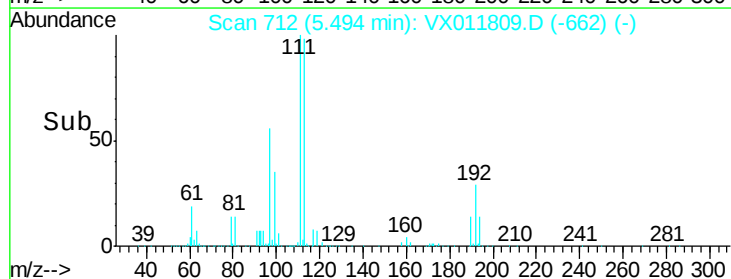
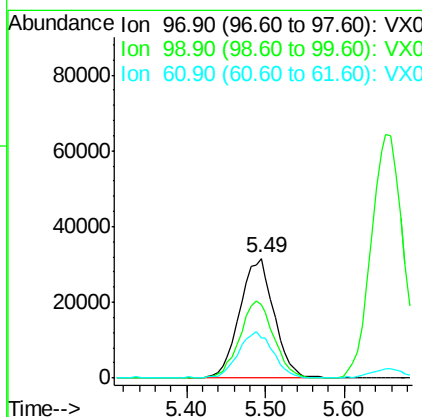
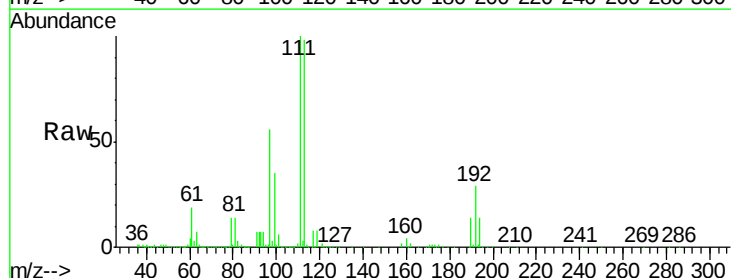
RT: 5.49 min Scan# 712

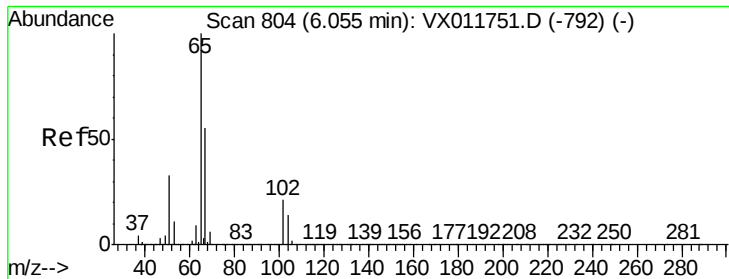
Delta R.T. 0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	97	Resp:	95440
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	39.7	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 40.225 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampled :

VX0823WBSD01

Tot Ion: 65 Resp: 170654

Ion Ratio Lower Upper

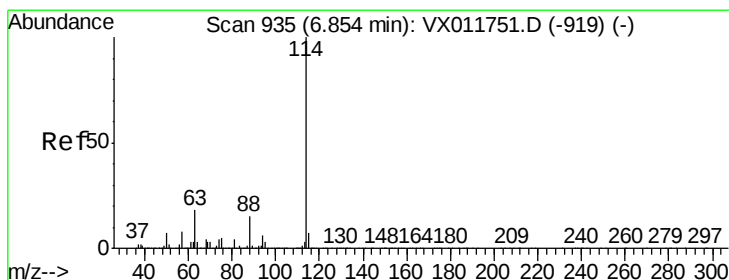
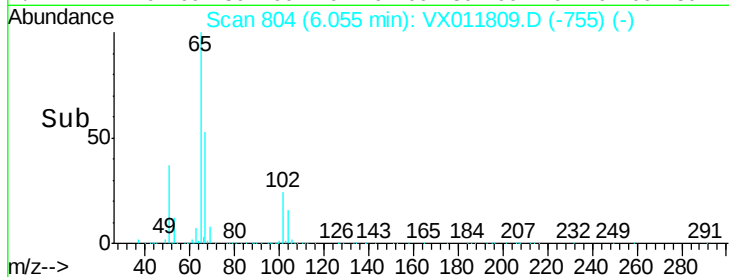
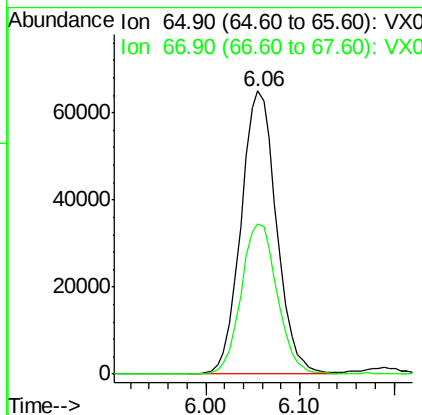
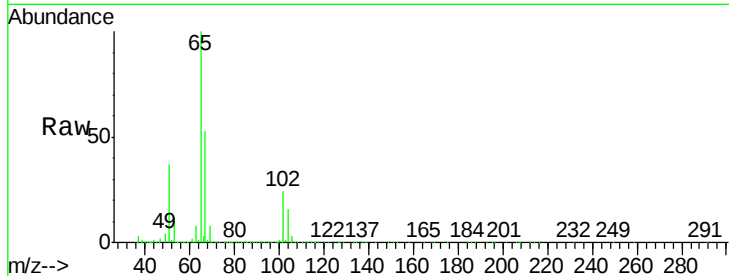
65 100

67 53.7 0.0 107.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

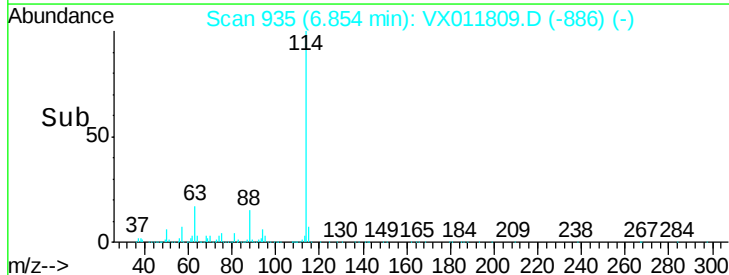
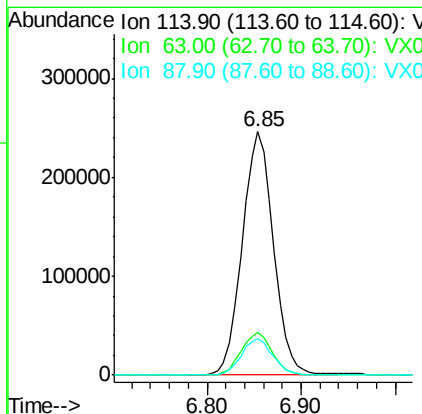
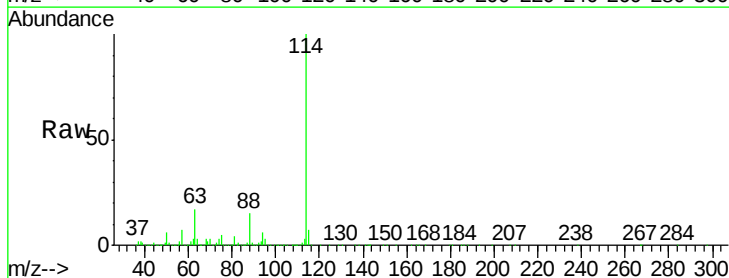
Tgt Ion: 114 Resp: 571078

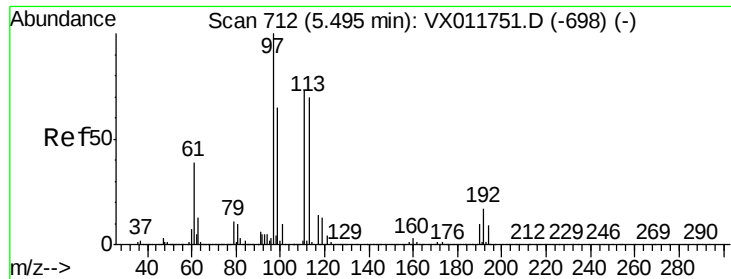
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 43.535 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

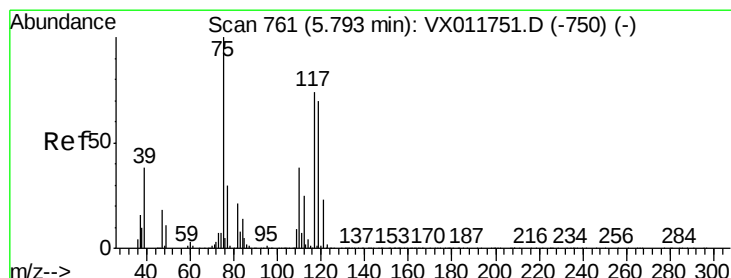
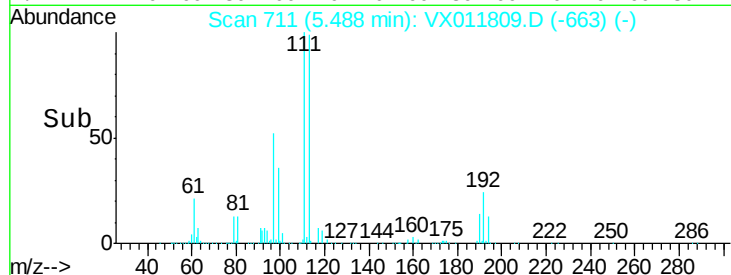
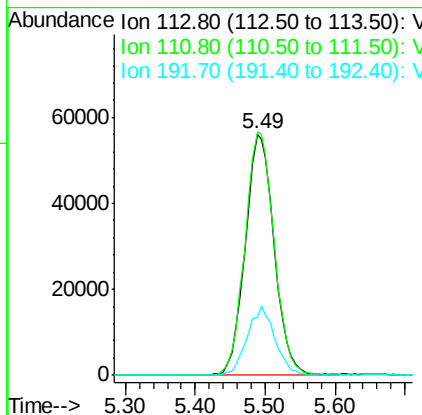
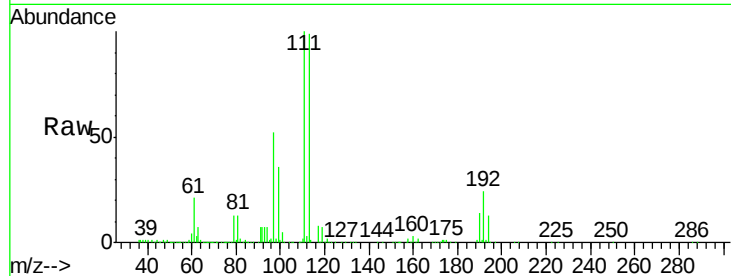
ClientSampleId :

VX0823WBSD01

Tot Ion:	113	Resp:	160766
Ion Ratio		Lower	Upper
113	100		
111	101.8	81.0	121.4
192	27.8	19.9	29.9

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#36

1,1-Dichloropropene

Concen: 17.183 ug/l

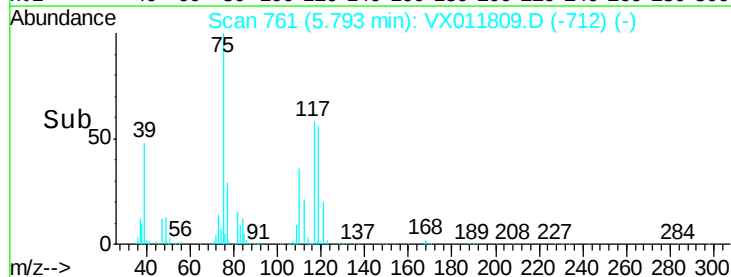
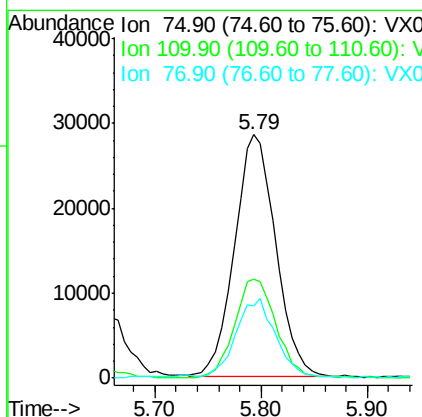
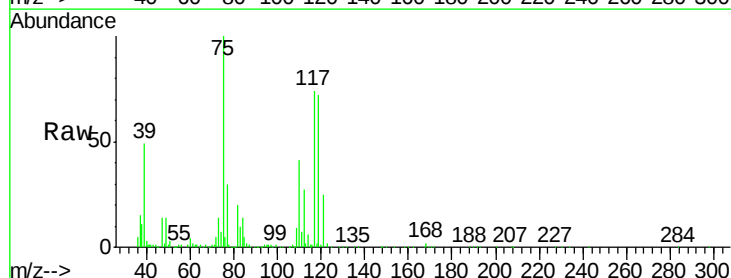
RT: 5.79 min Scan# 761

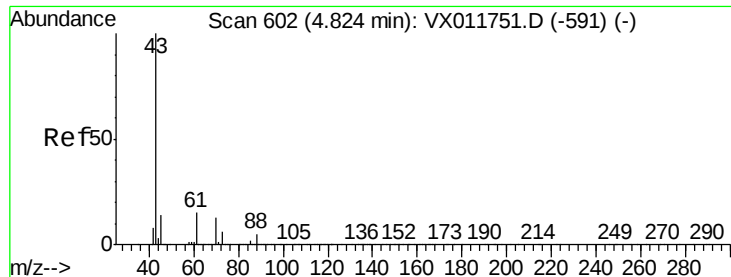
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	75	Resp:	76951
Ion Ratio		Lower	Upper
75	100		
110	42.4	19.0	57.0
77	31.7	24.6	36.8





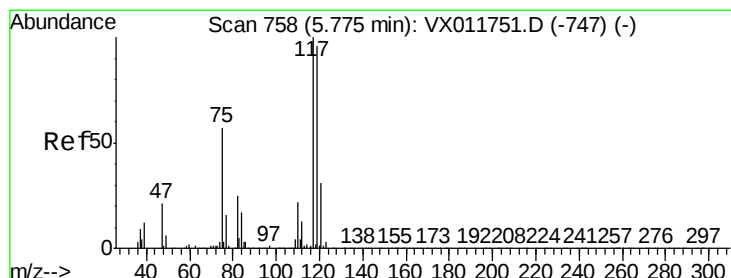
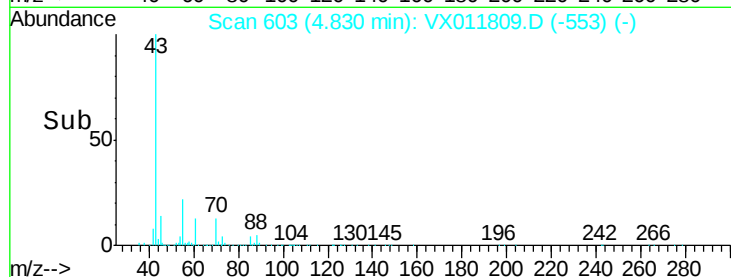
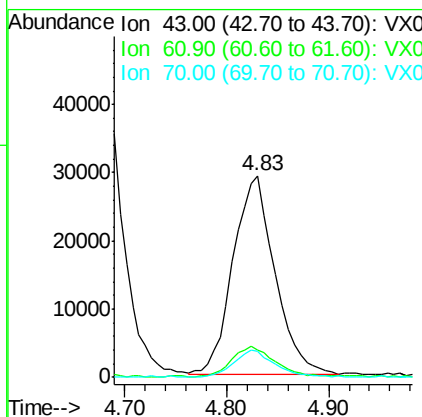
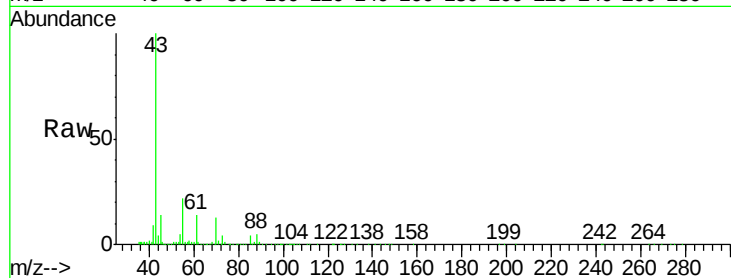
#37
Ethyl Acetate
Concen: 17.434 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	14.3	9.5	14.3

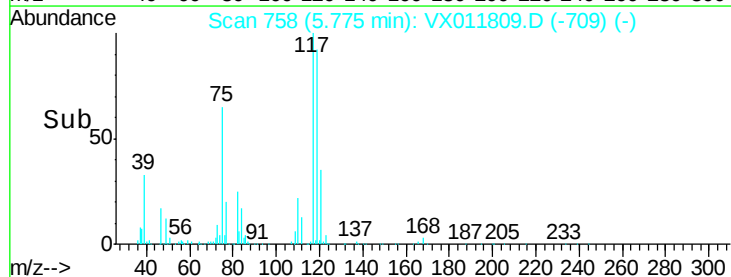
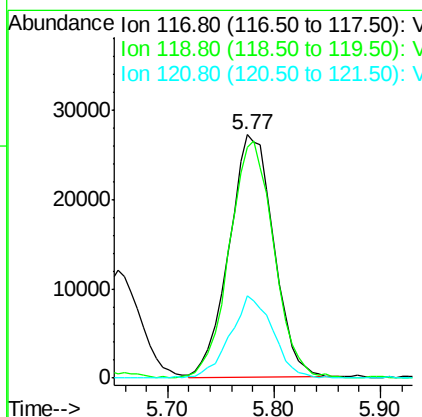
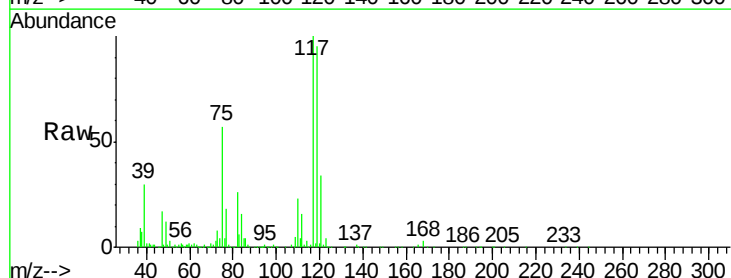
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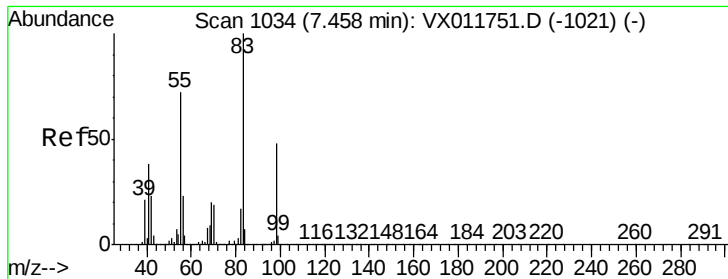
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#38
Carbon Tetrachloride
Concen: 15.726 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	114.8
121	34.0	25.2	37.8





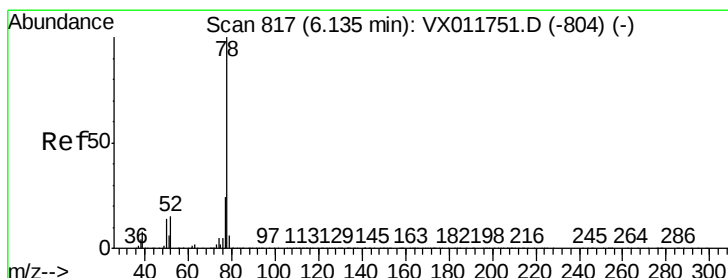
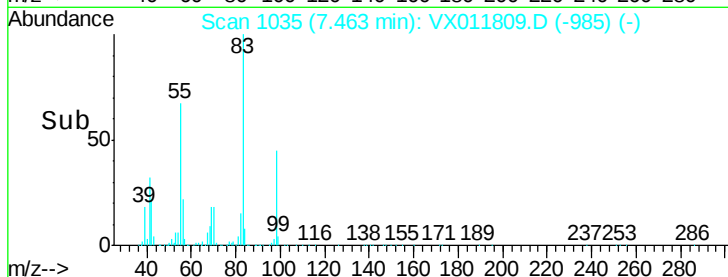
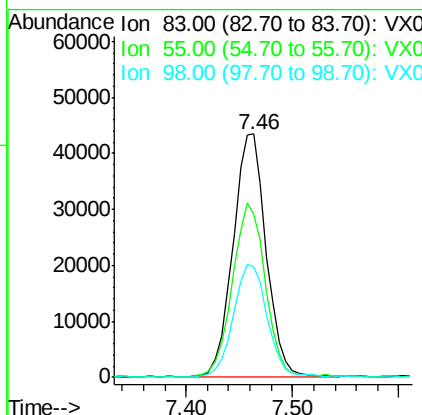
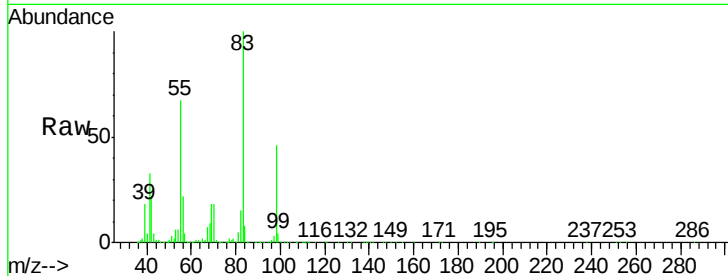
#39
Methvlcvclohexane
Concen: 17.048 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.3	57.8	86.6
98	45.6	38.6	58.0

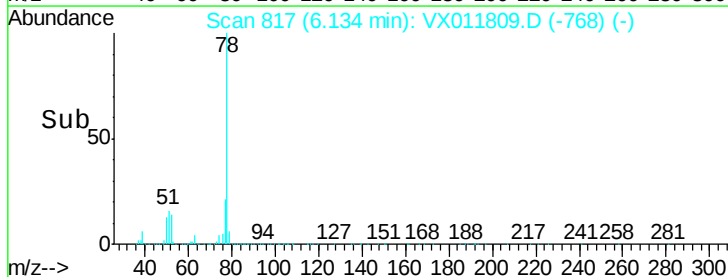
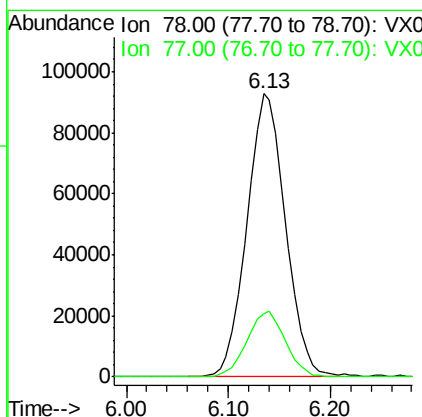
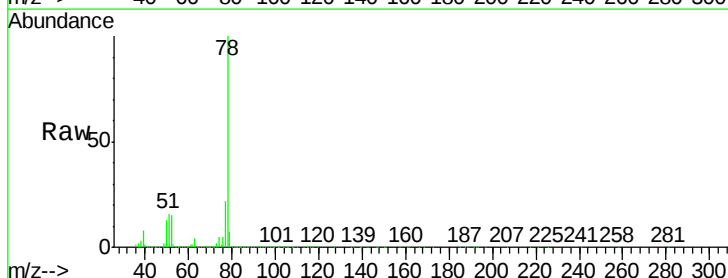
Manual Integrations
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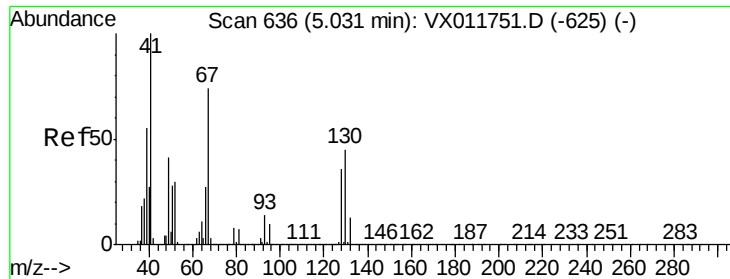
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#40
Benzene
Concen: 17.568 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.1	28.7





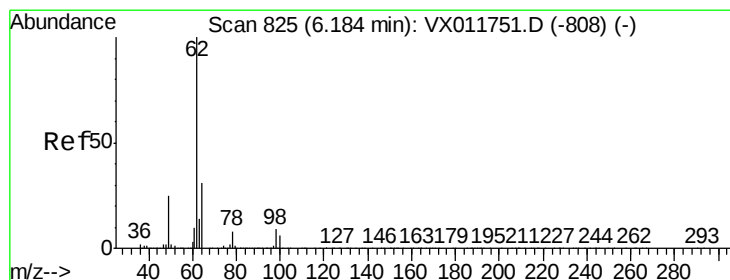
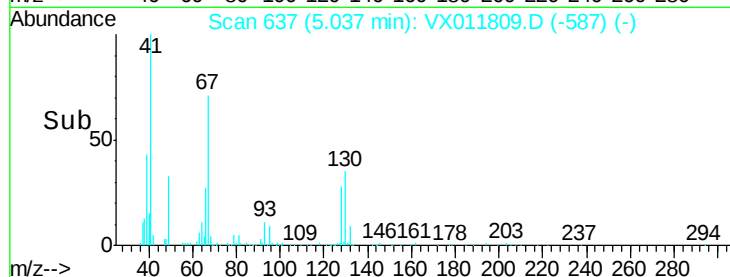
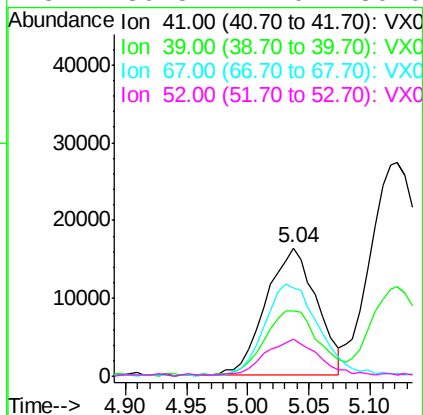
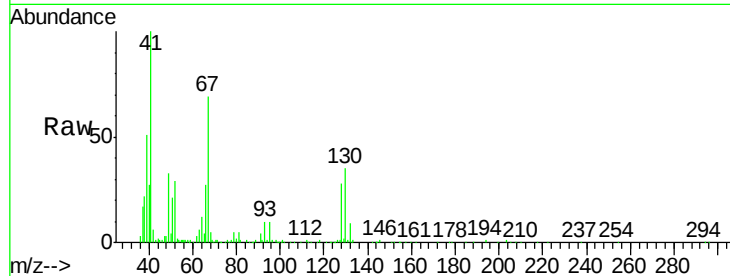
#41
Methacrylonitrile
Concen: 17.164 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	44.3	66.5	
67	79.1	60.3	90.5	
52	30.8	24.0	36.0	

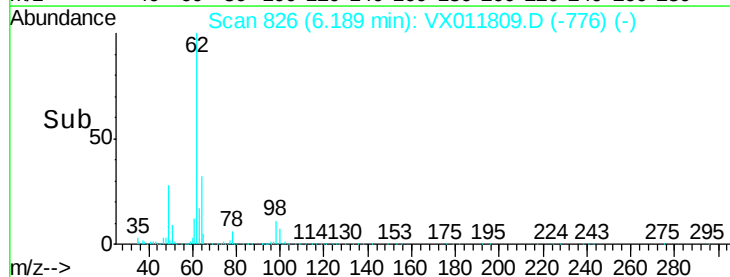
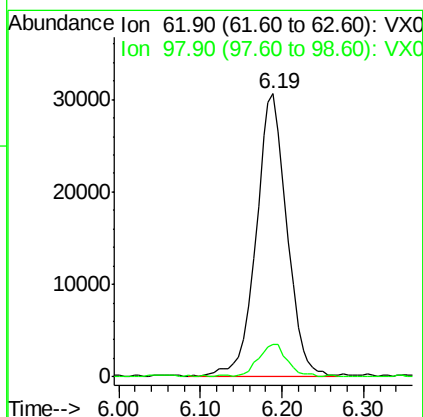
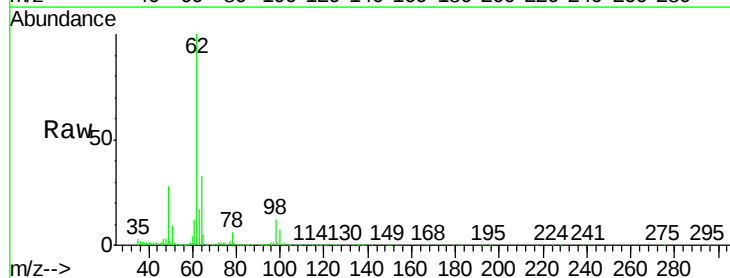
Manual Integrations
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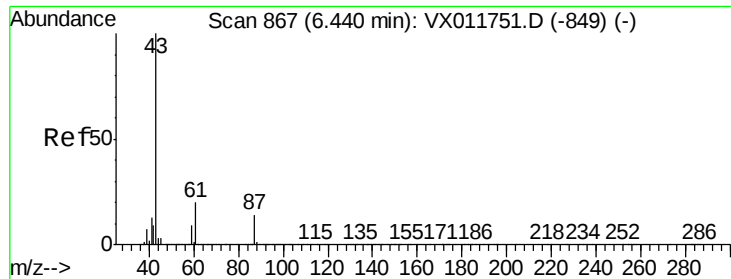
MMDadoda
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#42
1,2-Dichloroethane
Concen: 15.821 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.2	0.0	18.8	





#43

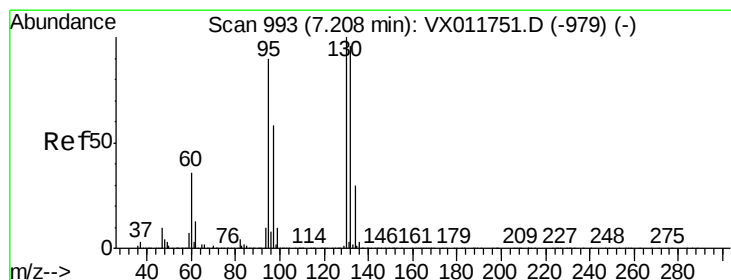
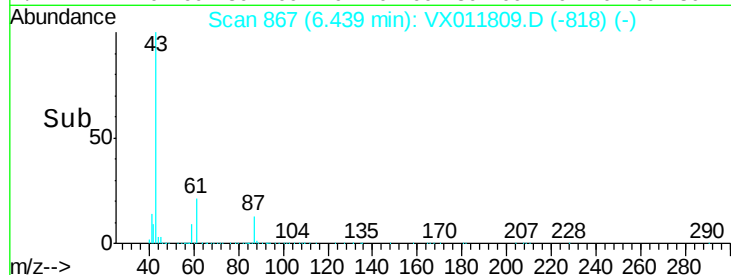
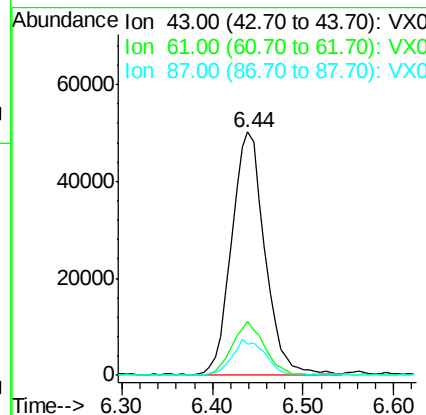
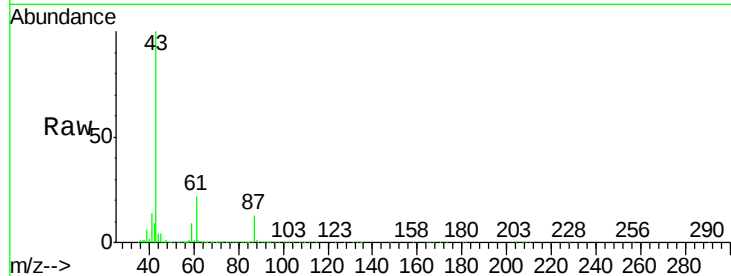
Isopropyl Acetate
 Concen: 16.524 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
61	21.4	16.2	24.2	
87	15.1	11.6	17.4	

Manual Integrations
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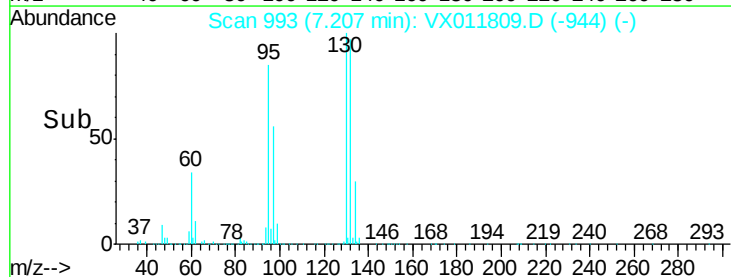
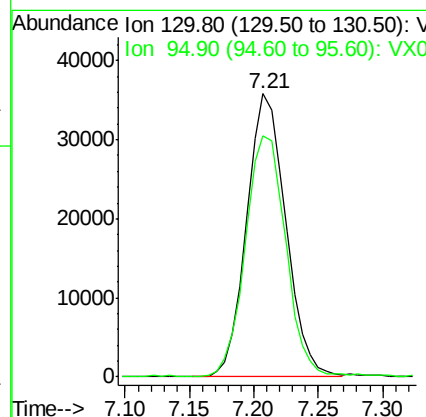
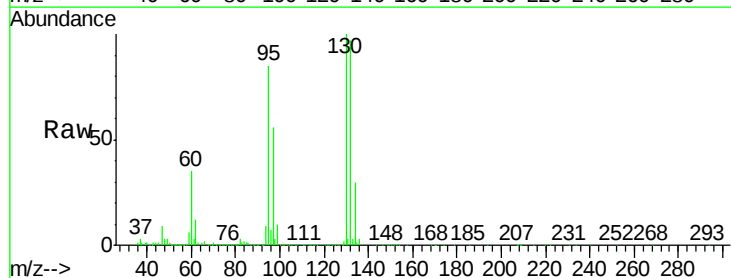
MMDadoda
 8/26/2019 11:40:13 AM

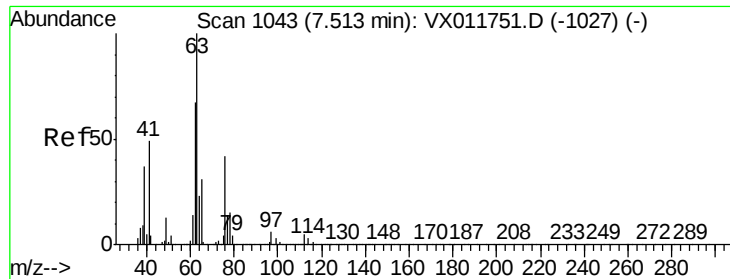


#44

Trichloroethene
 Concen: 17.687 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Tgt Ion	Ion	Ratio	Lower	Upper
130	100			
95	84.7	0.0	179.0	





#45

1,2-Dichloropropane

Concen: 16.776 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 63 Resp: 58414

Ion Ratio Lower Upper

63 100

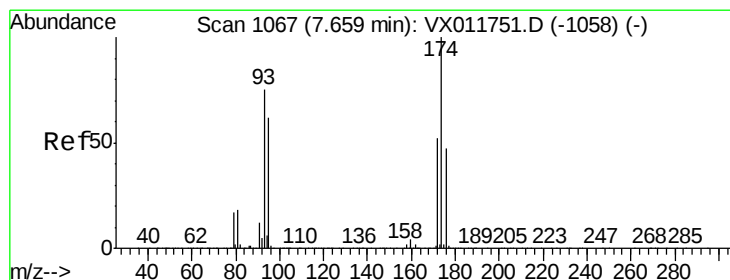
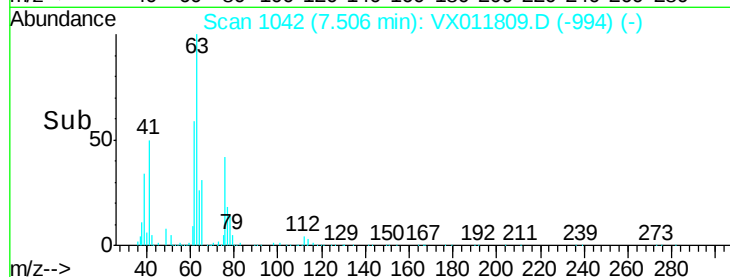
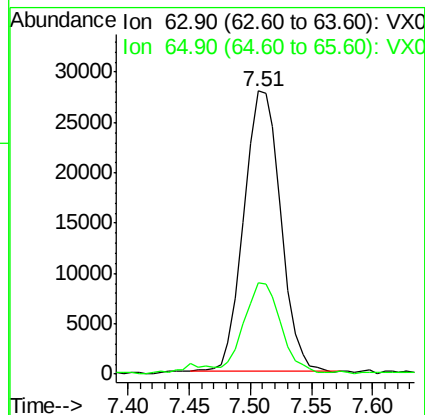
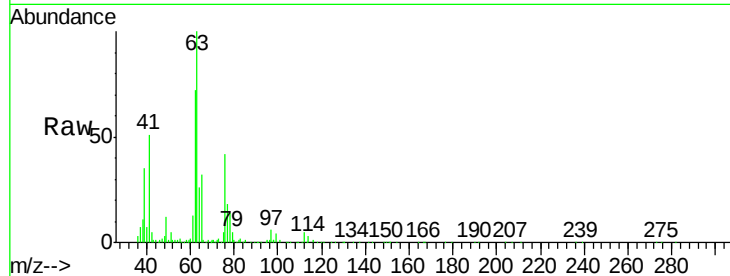
65 31.5 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 17.170 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

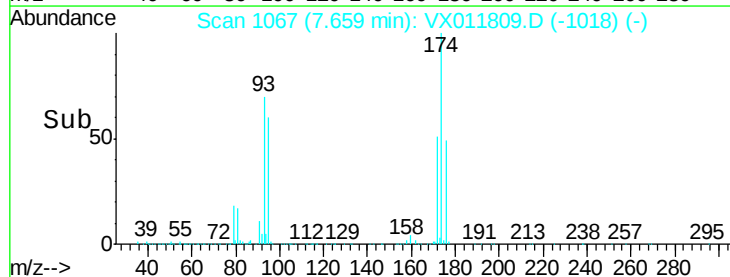
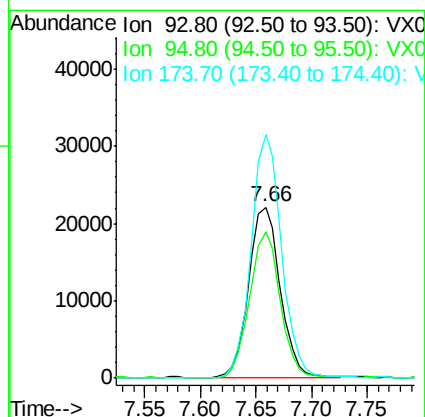
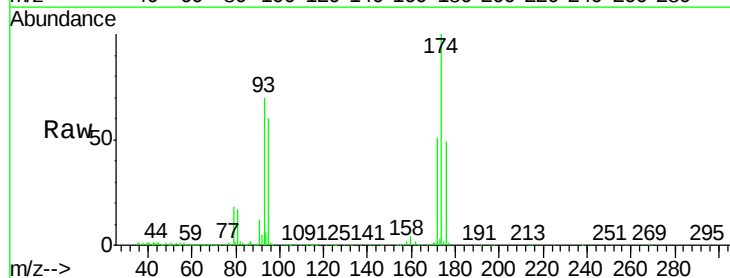
Tgt Ion: 93 Resp: 44080

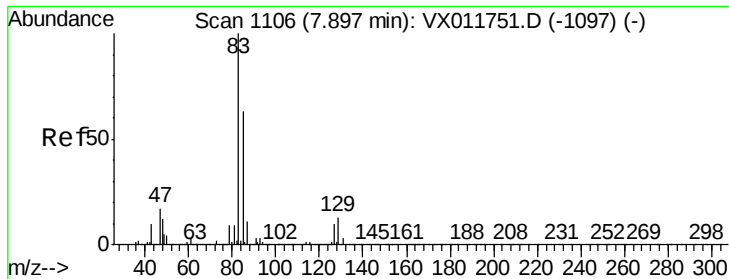
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.2

174 136.5 104.2 156.4





#47

Bromodichloromethane

Concen: 16.707 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

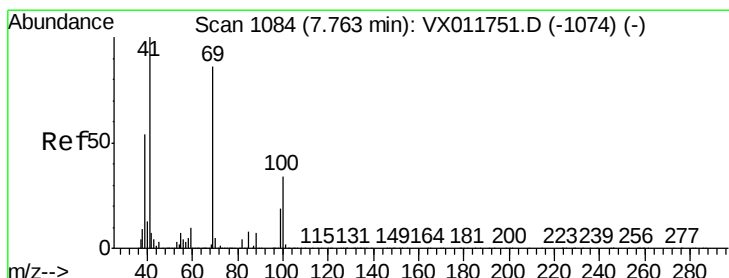
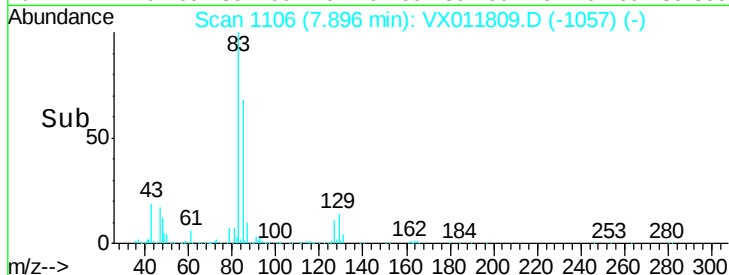
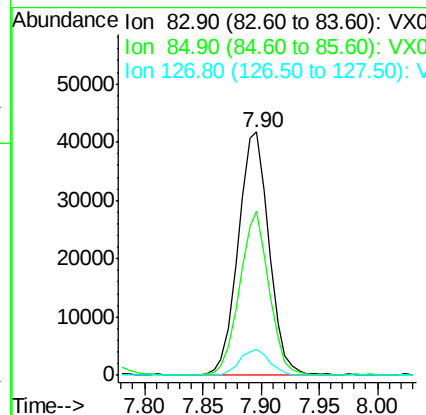
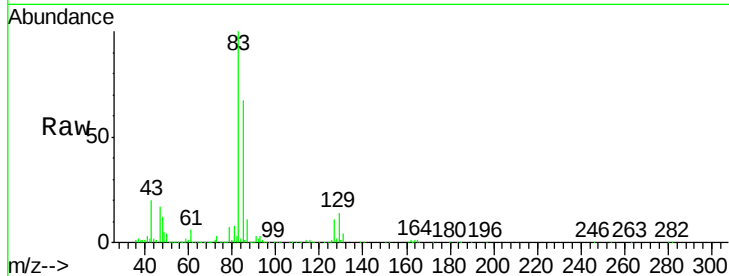
ClientSampleId :

VX0823WBSD01

Tot Ion:	83	Resp:	77209
Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.6	76.0
127	10.7	8.4	12.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.343 ug/l

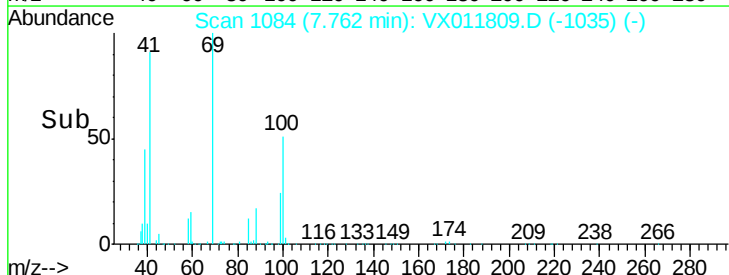
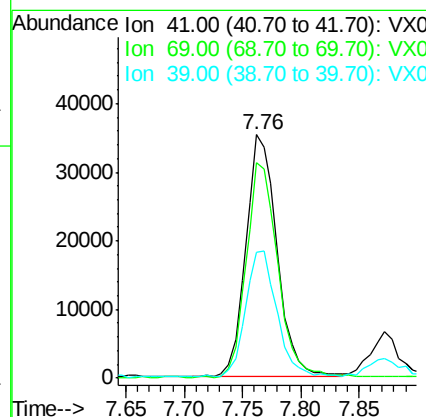
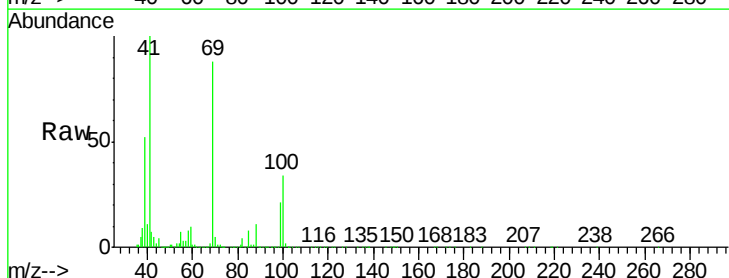
RT: 7.76 min Scan# 1084

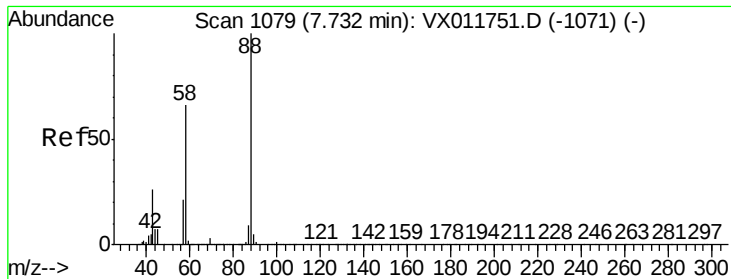
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	41	Resp:	66205
Ion	Ratio	Lower	Upper
41	100		
69	90.2	69.4	104.2
39	52.6	43.6	65.4





#49

1,4-Dioxane

Concen: 341.491 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

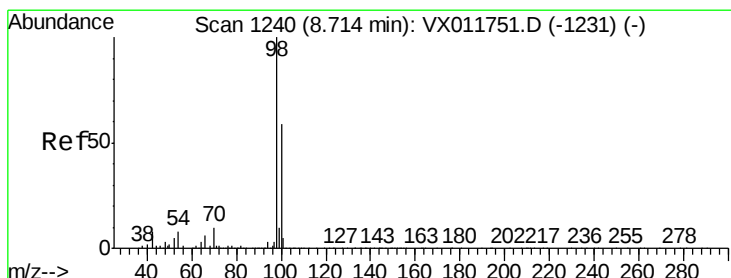
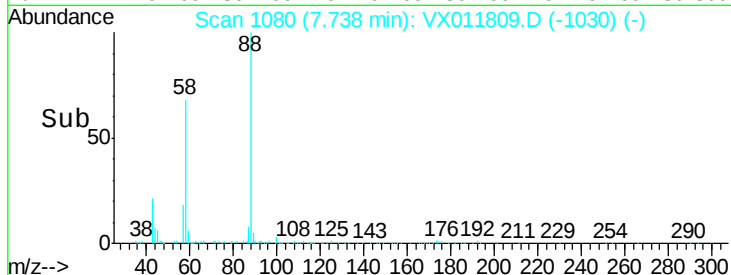
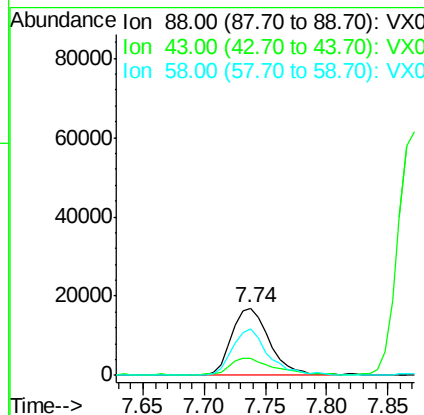
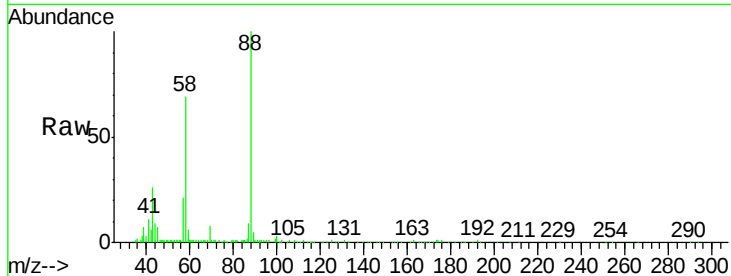
ClientSampleId :

VX0823WBSD01

Tot Ion:	88	Resp:	36118
Ion Ratio	Lower	Upper	
88	100		
43	30.9	24.6	37.0
58	64.7	51.4	77.2

Manual Integrations
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#50

Toluene-d8

Concen: 45.981 ug/l

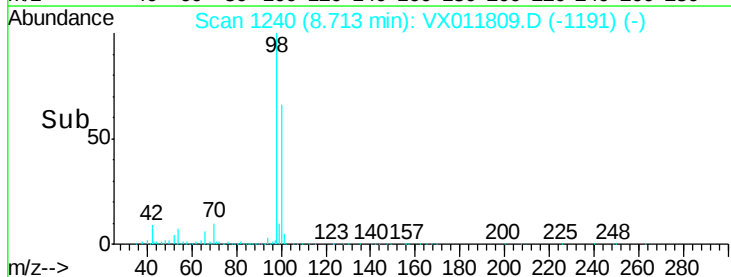
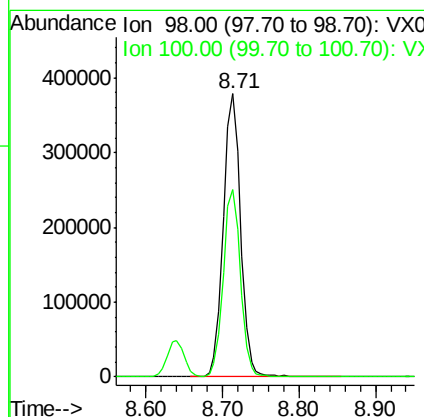
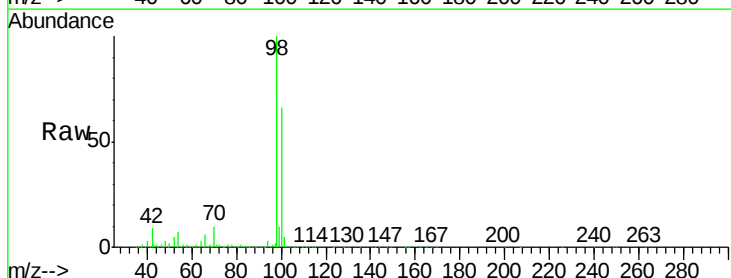
RT: 8.71 min Scan# 1240

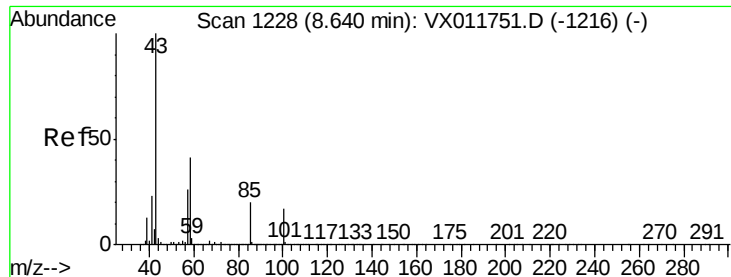
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	98	Resp:	592261
Ion Ratio	Lower	Upper	
98	100		
100	66.0	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 86.545 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 43 Resp: 437418

Ion Ratio Lower Upper

43 100

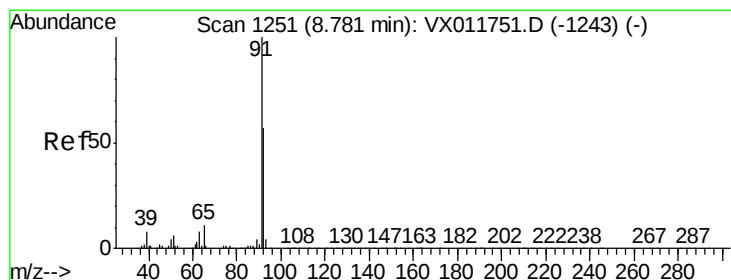
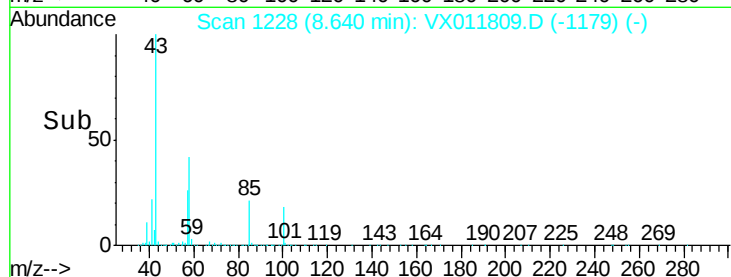
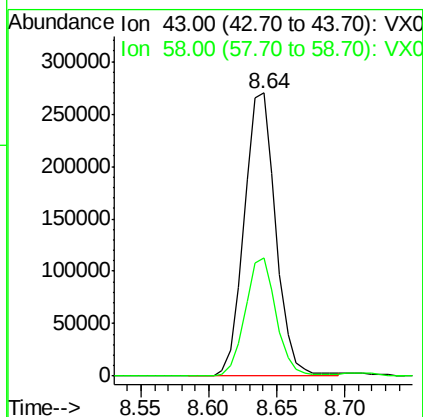
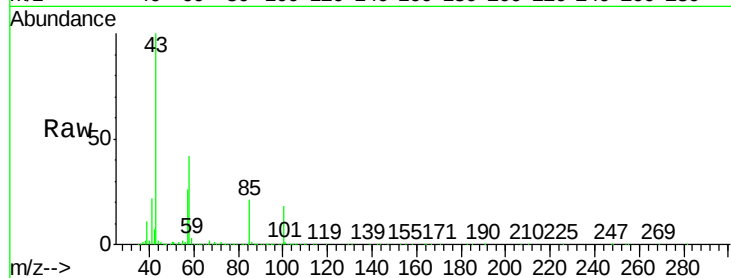
58 40.8 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 17.711 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011809.D

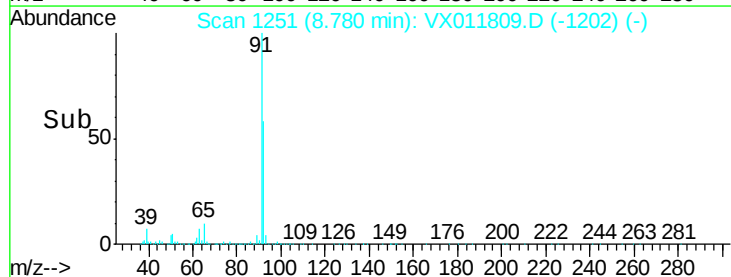
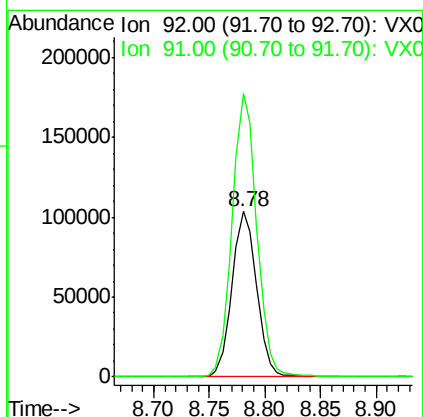
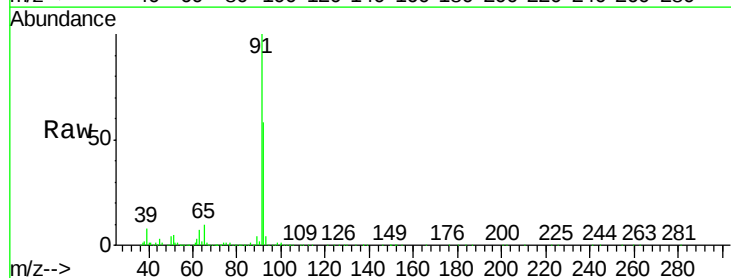
Acq: 23 Aug 2019 19:35

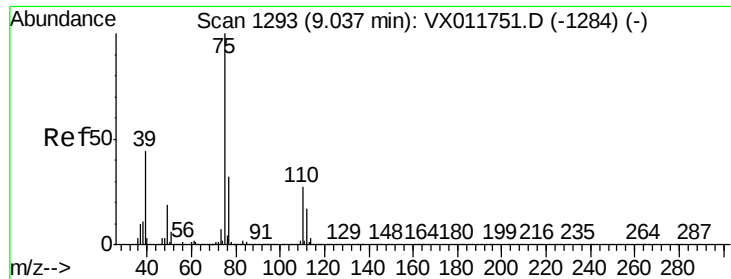
Tgt Ion: 92 Resp: 158779

Ion Ratio Lower Upper

92 100

91 171.5 138.6 207.8





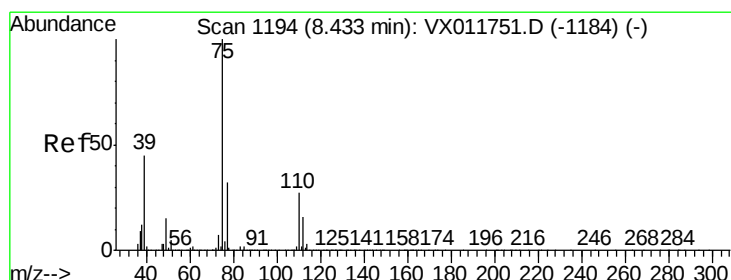
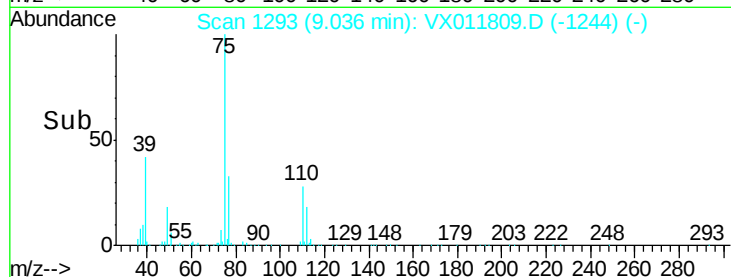
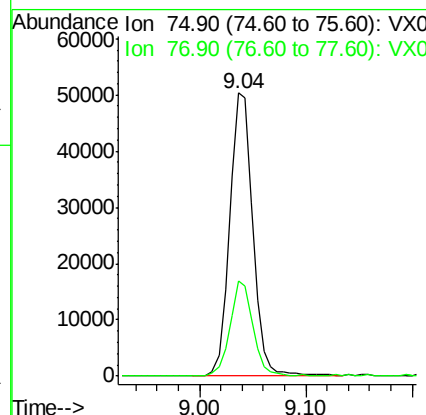
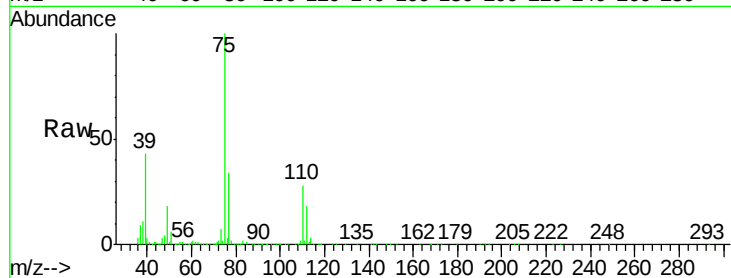
#53
t-1,3-Dichloropropene
Concen: 15.684 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.0

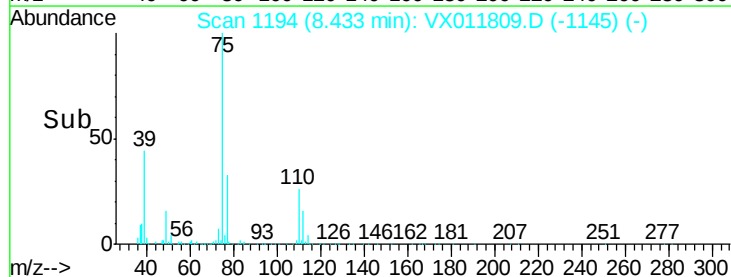
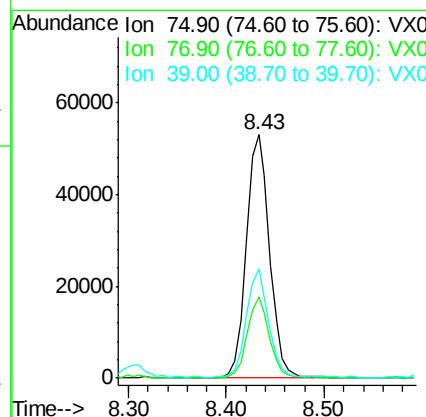
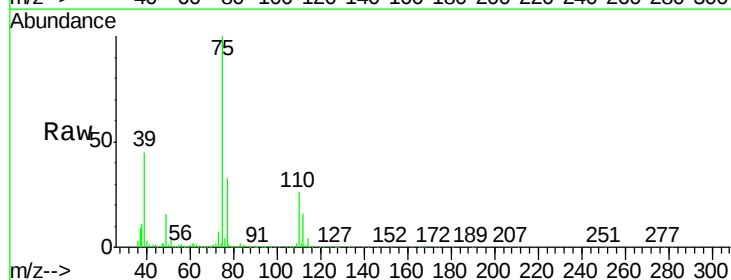
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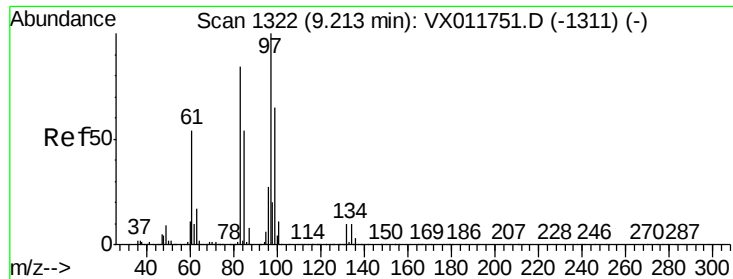
MMDadoda
8/26/2019 11:40:13 AM



#54
cis-1,3-Dichloropropene
Concen: 16.484 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.4	38.2
39	44.3	36.2	54.4





#55

1,1,2-Trichloroethane

Concen: 17.753 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

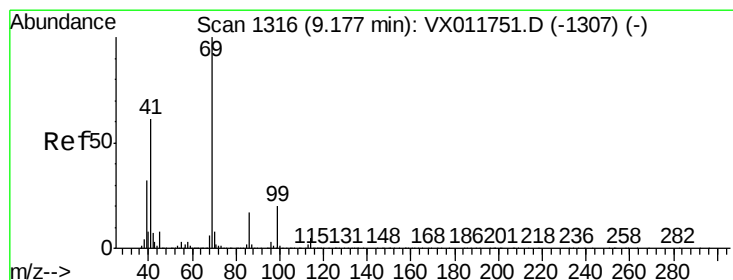
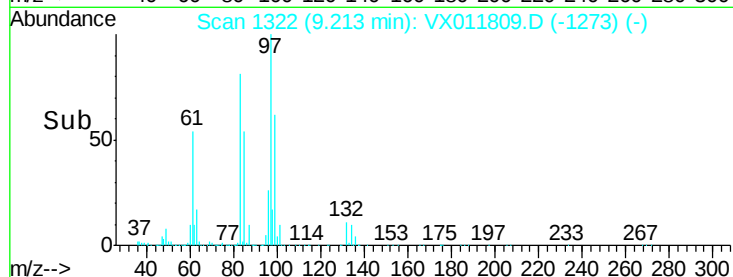
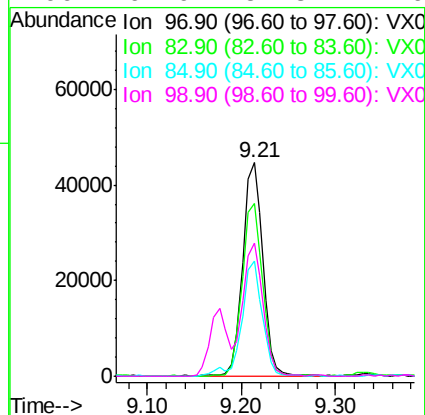
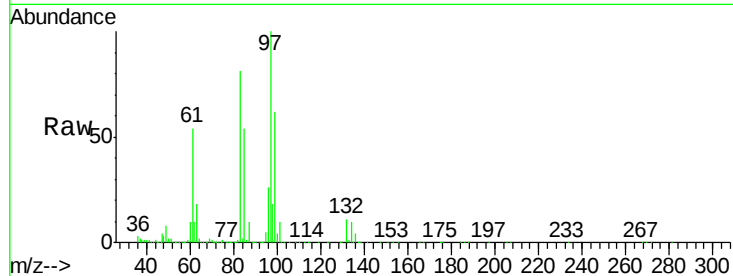
ClientSampleId :

VX0823WBSD01

Tot Ion:	97	Resp:	66308
Ion	Ratio	Lower	Upper
97	100		
83	80.8	67.3	100.9
85	53.6	43.4	65.2
99	61.9	51.8	77.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.655 ug/l

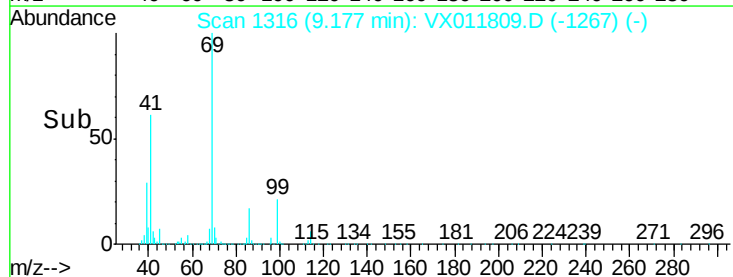
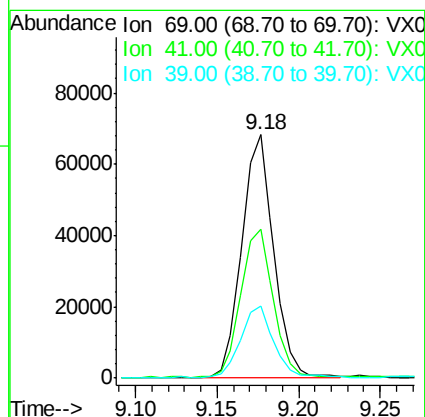
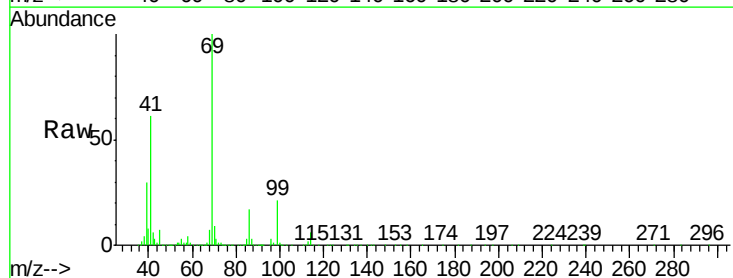
RT: 9.18 min Scan# 1316

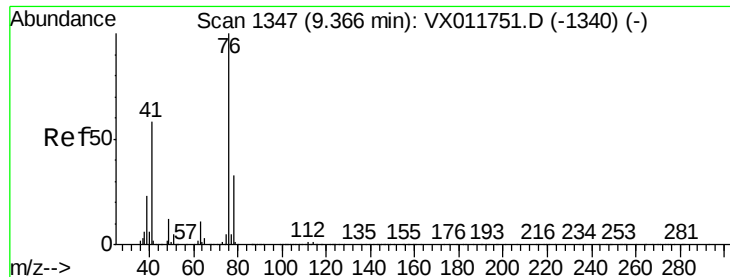
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	69	Resp:	93779
Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.7	76.1
39	30.0	26.4	39.6





#57

1,3-Dichloropropane

Concen: 17.185 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 76 Resp: 103640

Ion Ratio Lower Upper

76 100

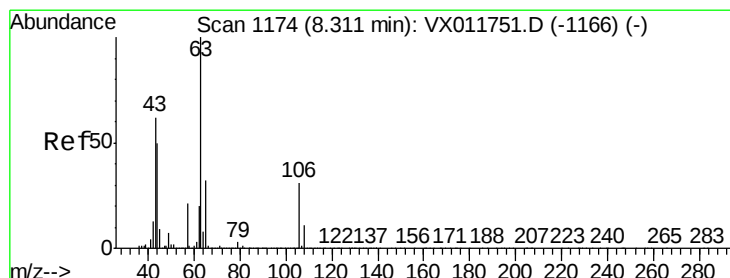
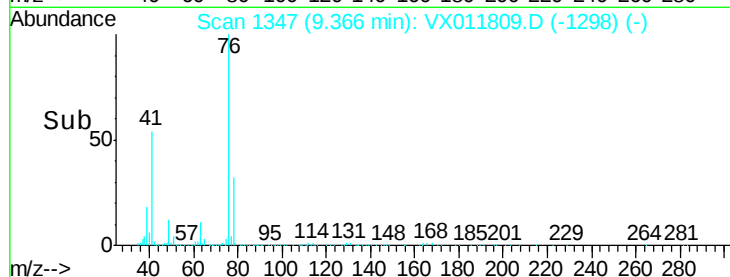
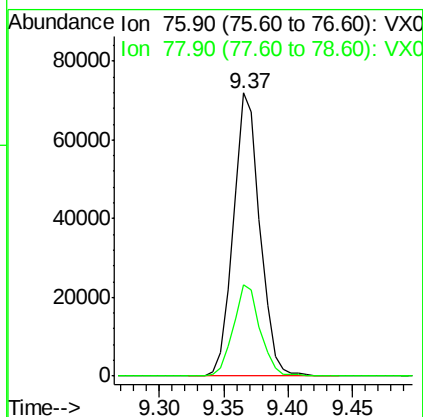
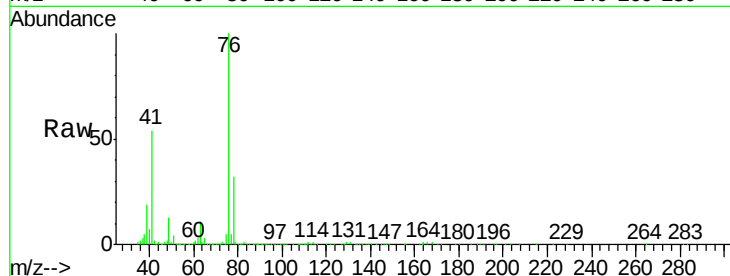
78 32.8 26.6 39.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 93.677 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011809.D

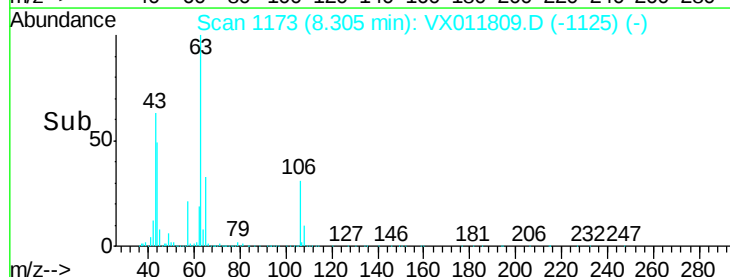
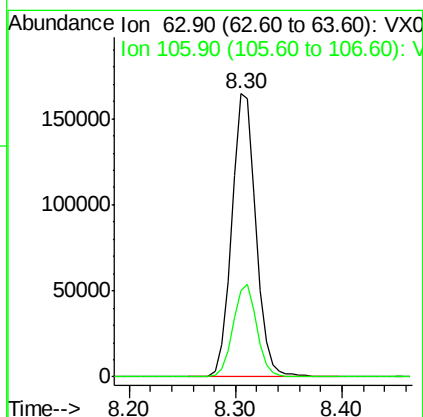
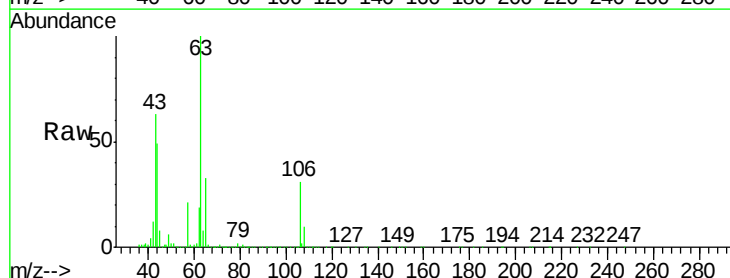
Acq: 23 Aug 2019 19:35

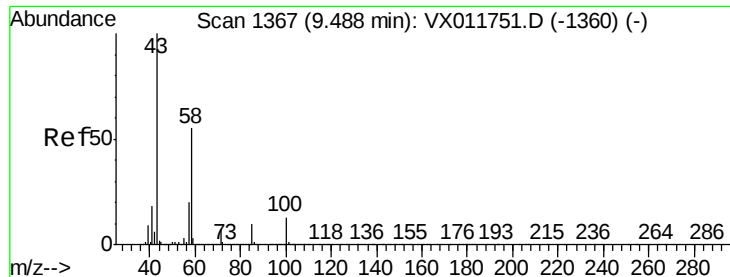
Tgt Ion: 63 Resp: 261749

Ion Ratio Lower Upper

63 100

106 32.2 24.9 37.3





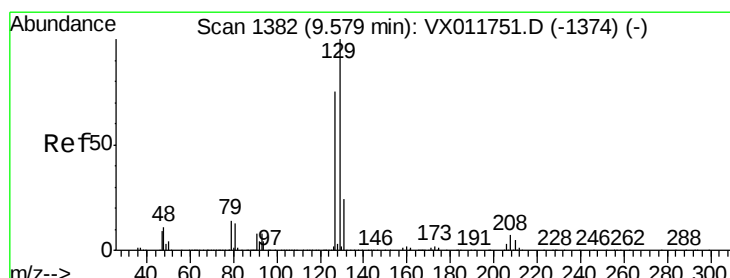
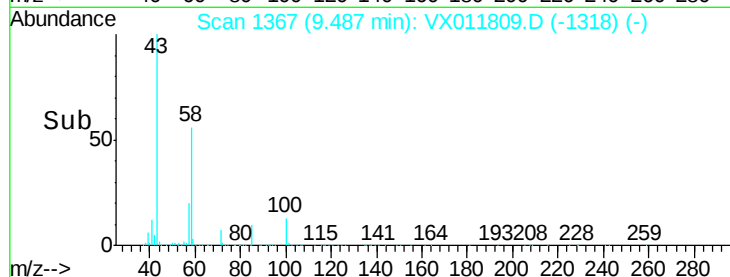
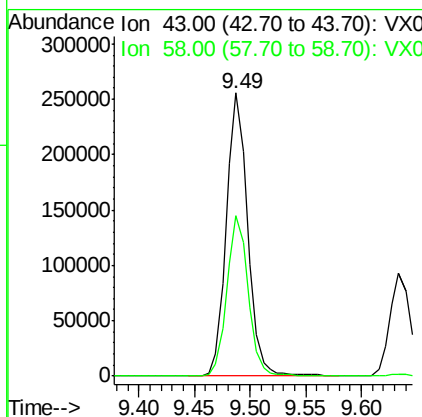
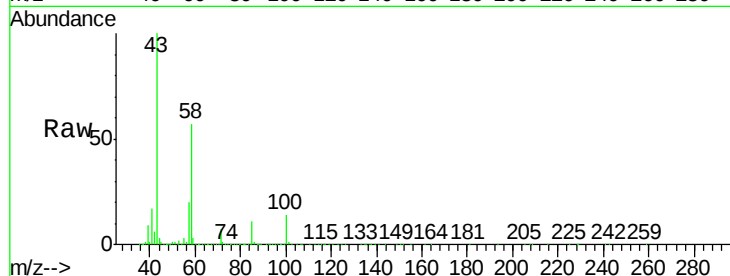
#59
2-Hexanone
Concen: 87.086 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.9	27.7	83.1

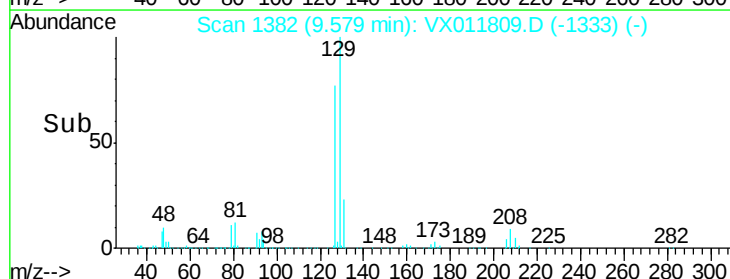
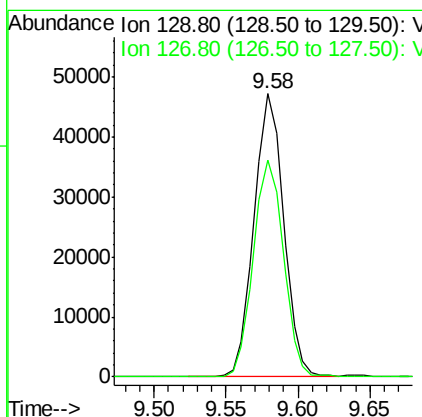
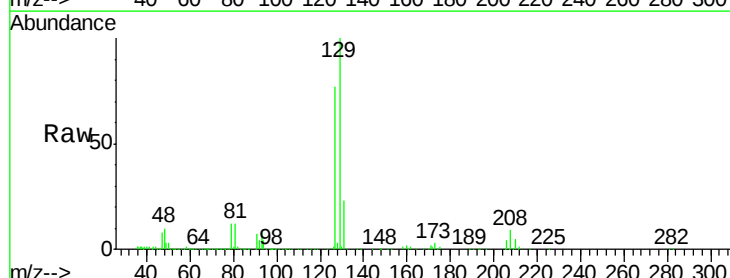
Manual Integrations
APPROVED

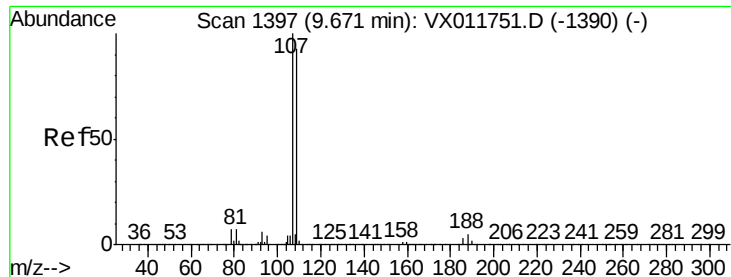
MMDadoda
8/26/2019 11:40:13 AM



#60
Dibromochloromethane
Concen: 16.633 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.3	114.8





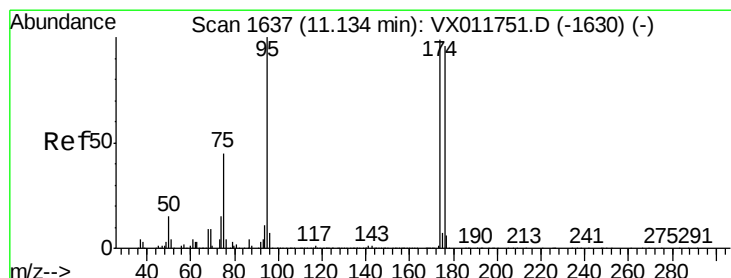
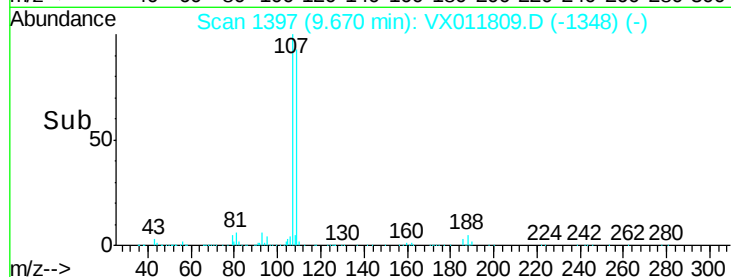
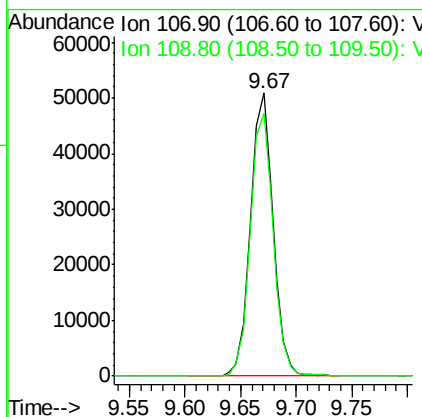
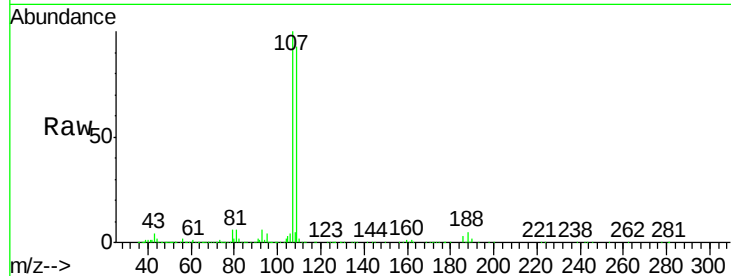
#61
 1,2-Dibromoethane
 Concen: 17.951 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.8

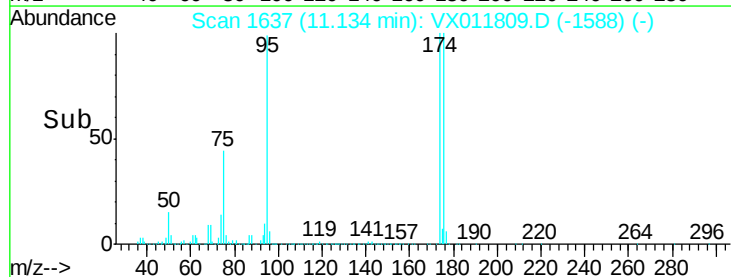
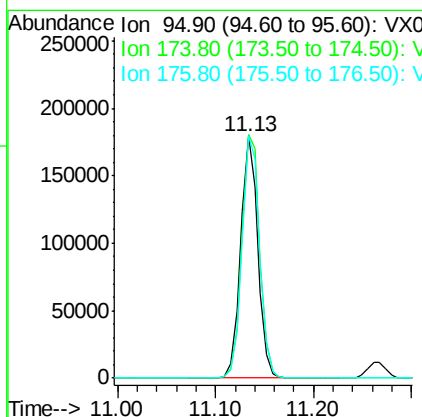
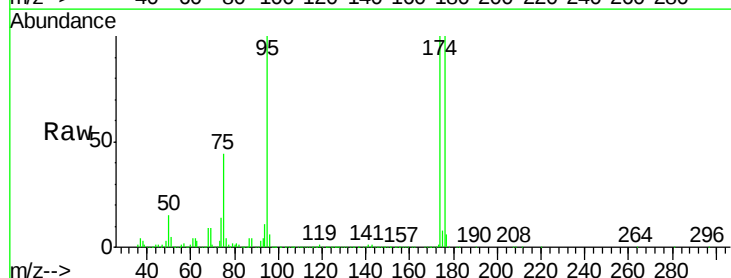
Manual Integrations
 APPROVED

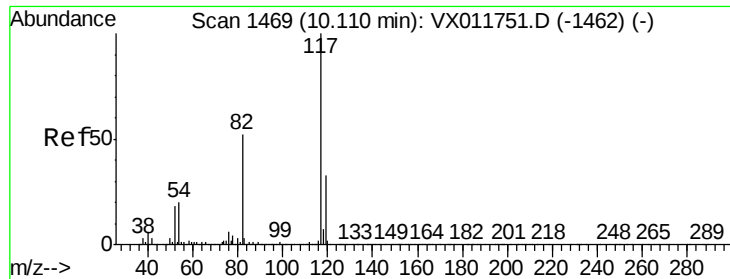
MMDadoda
 8/26/2019 11:40:13 AM



#62
 4-Bromofluorobenzene
 Concen: 42.772 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	105.0	0.0	197.4
176	102.1	0.0	194.4





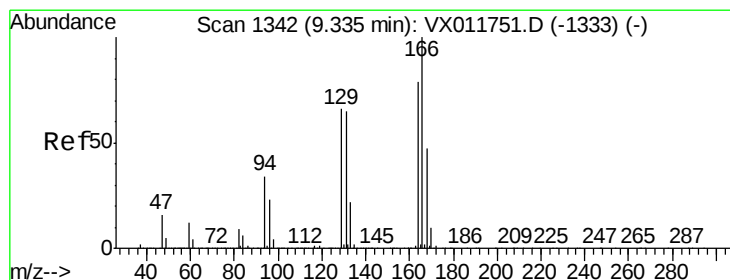
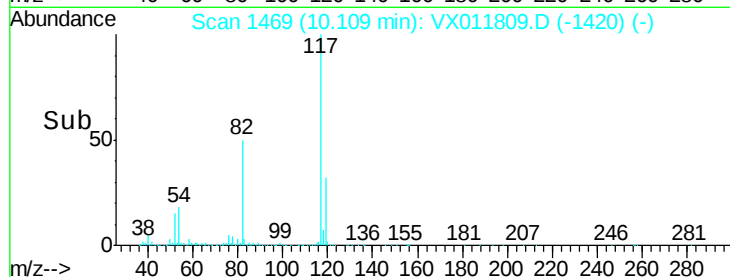
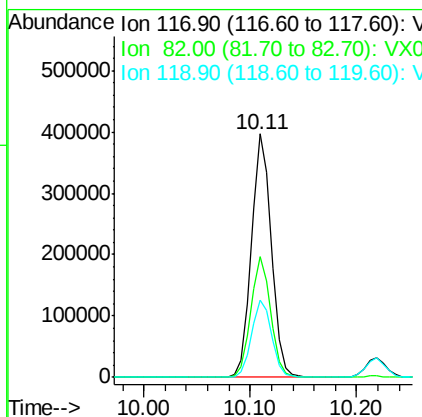
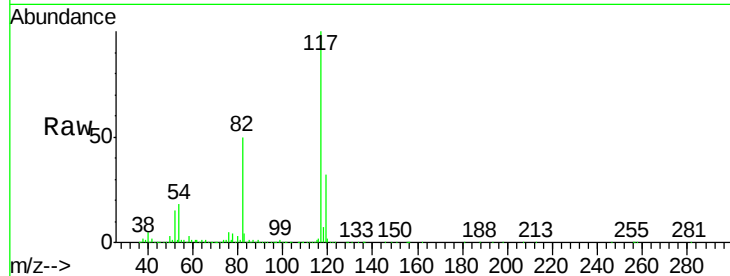
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	523176		
82	49.6		41.7	62.5
119	31.8		26.2	39.2

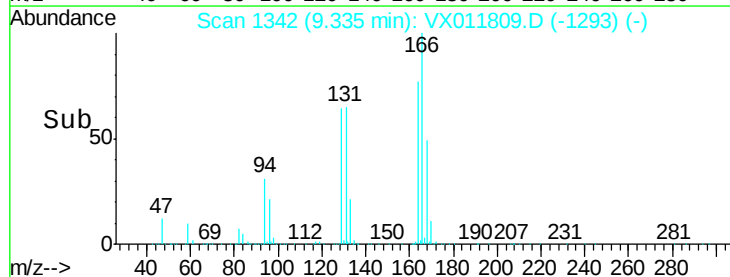
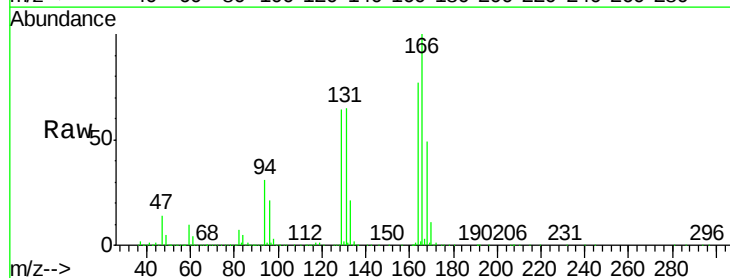
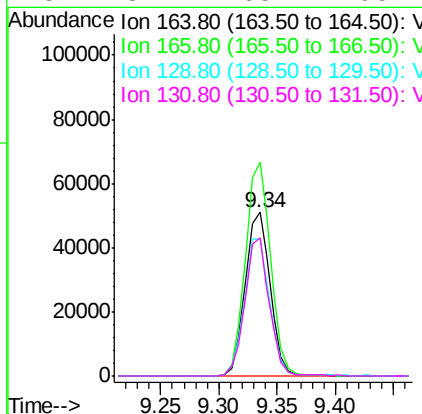
Manual Integrations
APPROVED

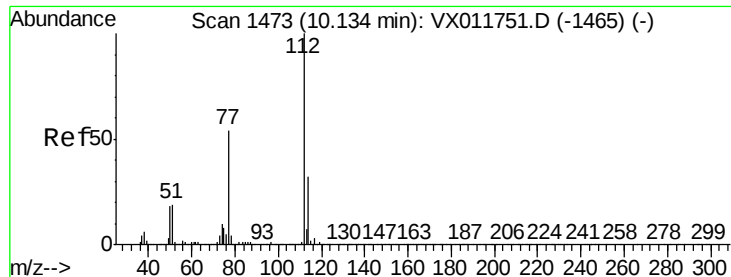
MMDadoda
8/26/2019 11:40:13 AM



#64
Tetrachloroethene
Concen: 18.400 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76796		
166	130.5		100.7	151.1
129	83.8		66.8	100.2
131	84.7		65.4	98.2





#65

Chlorobenzene

Concen: 18.011 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion:112 Resp: 183969

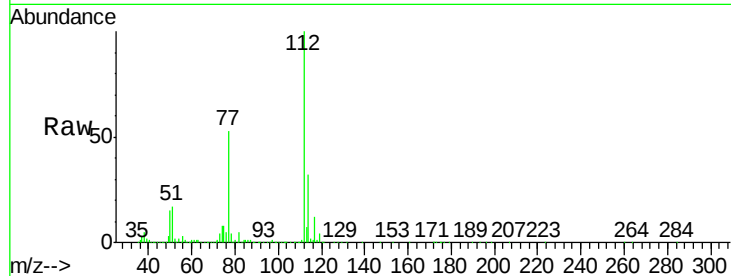
Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.0

Manual Integrations
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8/26/2019 11:40:13 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

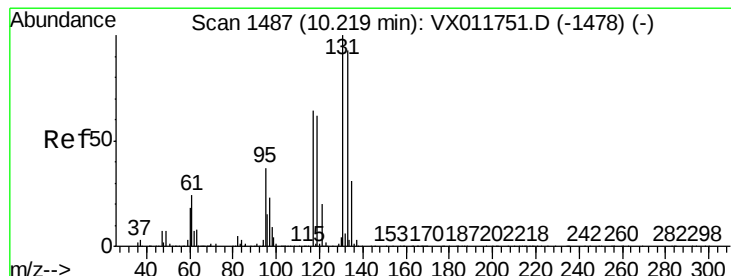
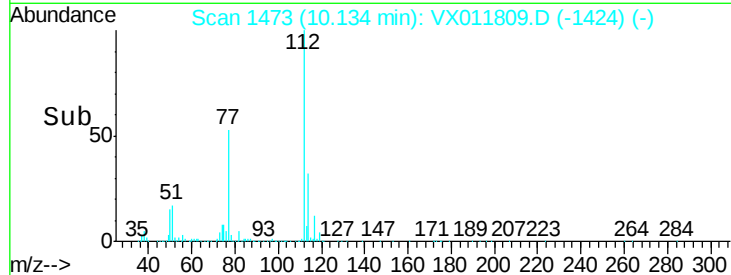
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.384 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

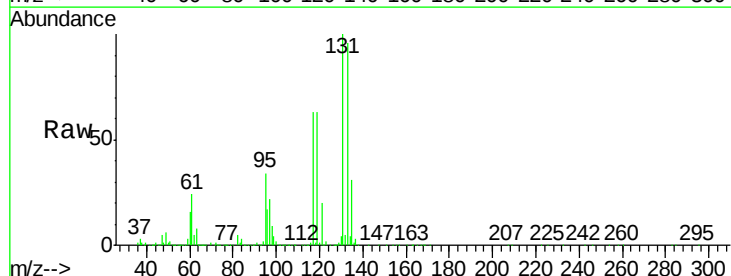
Tgt Ion:131 Resp: 66526

Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.4

119 62.8 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

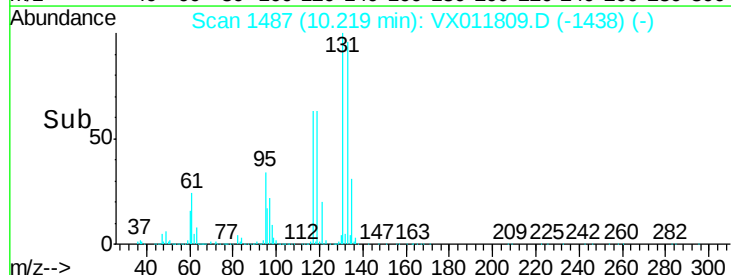
150000

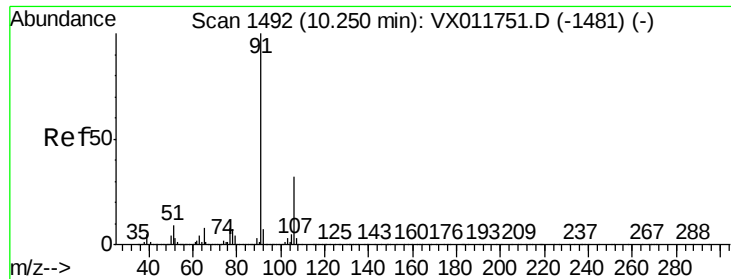
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 17.420 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 91 Resp: 297339

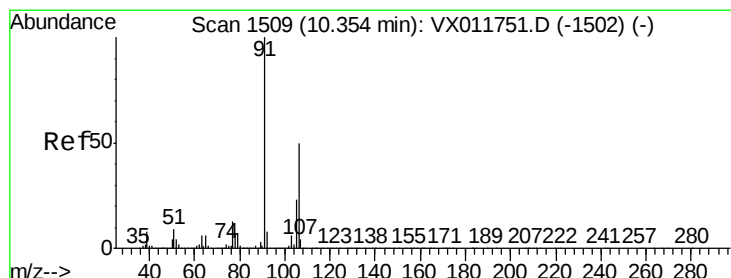
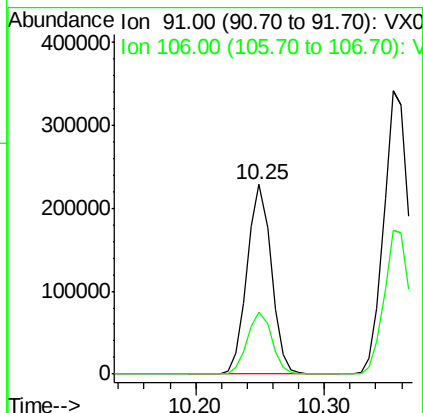
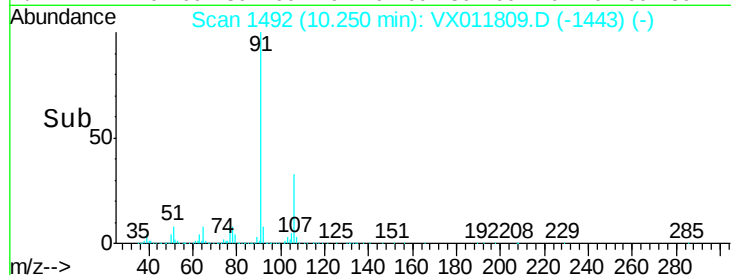
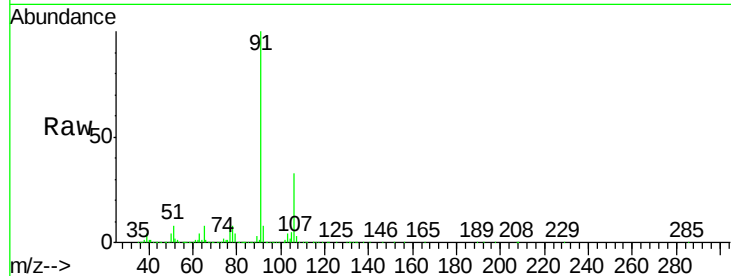
Ion Ratio Lower Upper

91 100

106 32.8 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 36.135 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011809.D

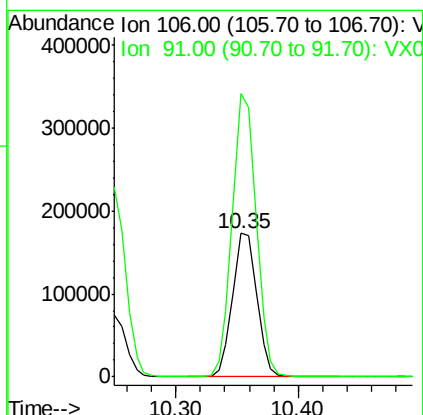
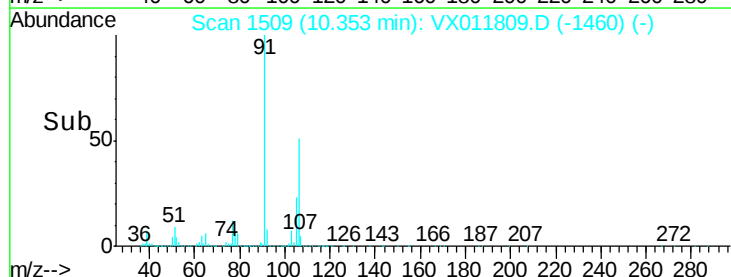
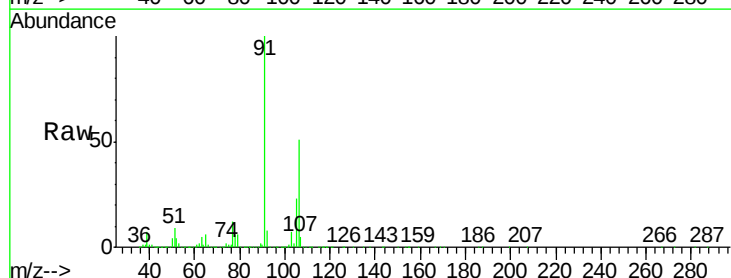
Acq: 23 Aug 2019 19:35

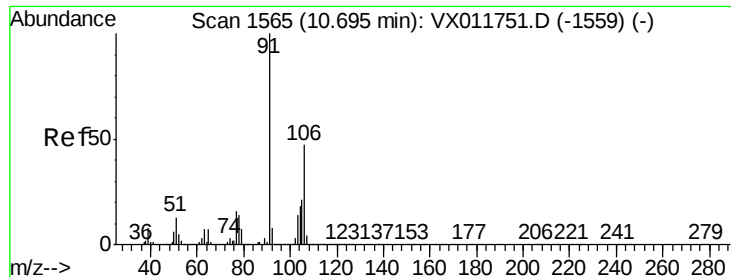
Tgt Ion: 106 Resp: 237827

Ion Ratio Lower Upper

106 100

91 194.9 158.3 237.5





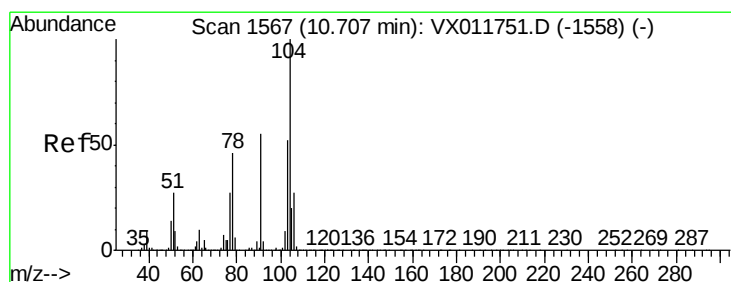
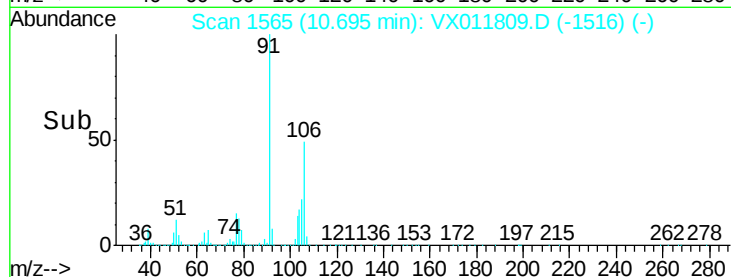
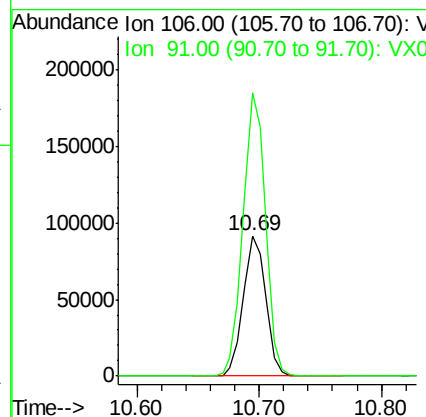
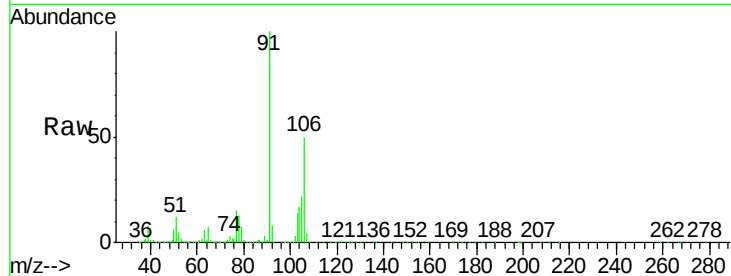
#69
o-Xylene
Concen: 17.876 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.2	105.0	314.9

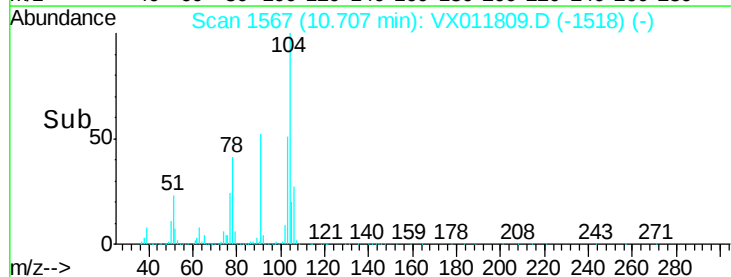
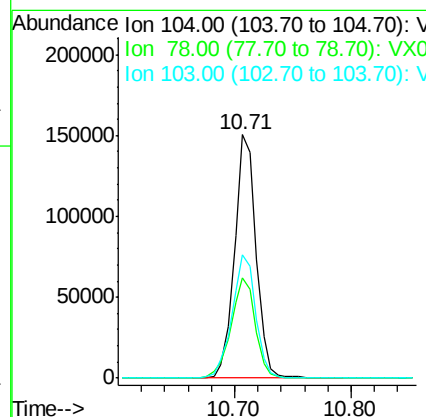
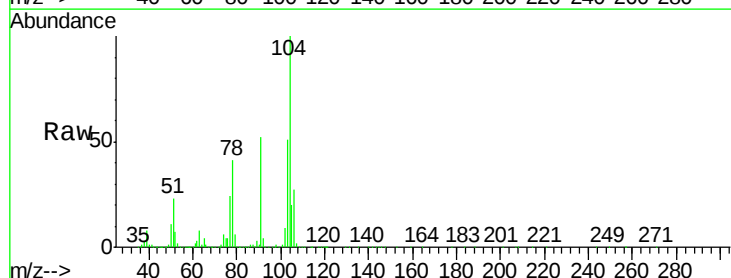
Manual Integrations
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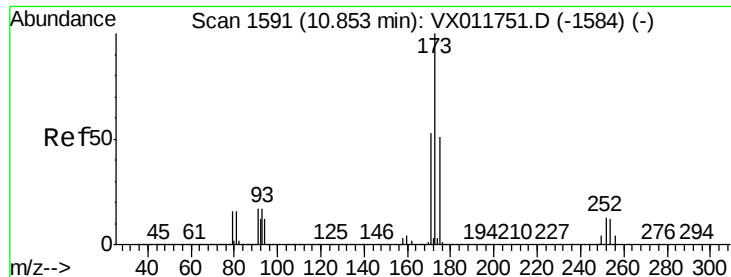
MMDadoda
8/26/2019 11:40:13 AM



#70
Styrene
Concen: 17.963 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.9	39.2	58.8
103	55.5	44.5	66.7





#71

Bromoform

Concen: 16.852 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

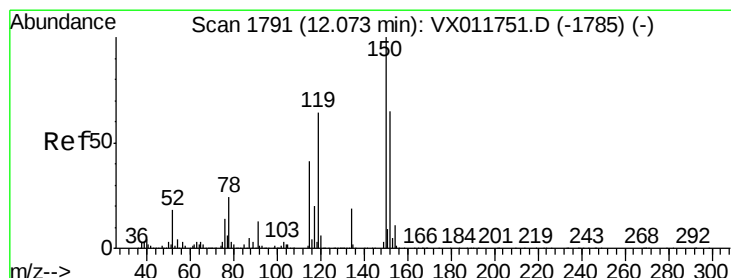
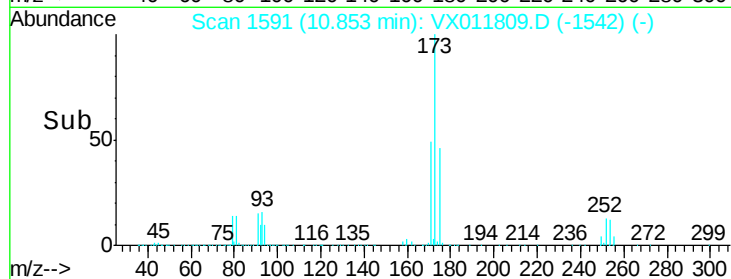
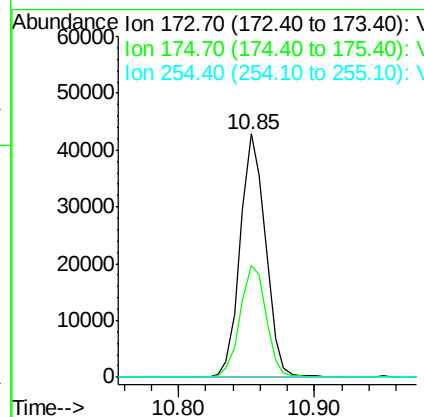
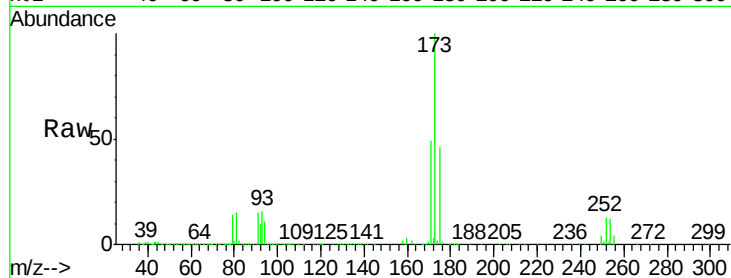
ClientSampleId :

VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	25.1	75.3
254	0.4	0.2	0.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

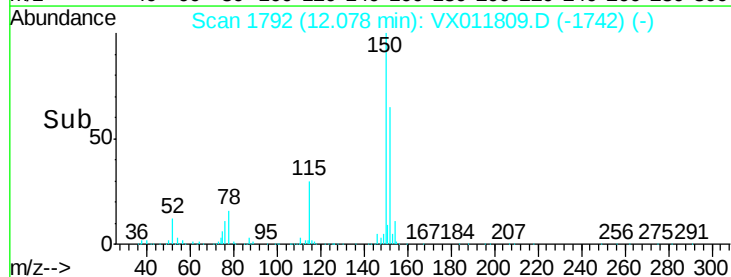
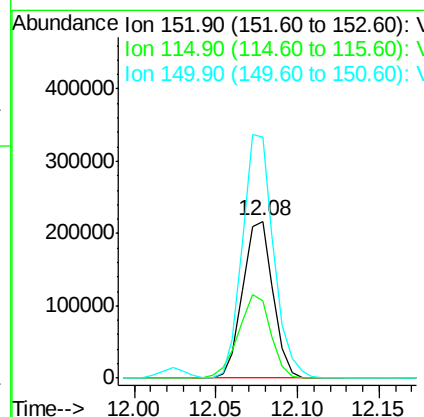
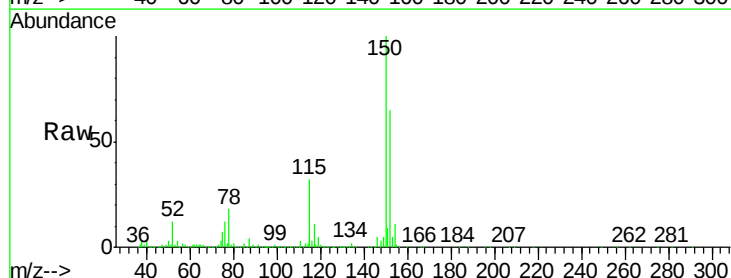
RT: 12.08 min Scan# 1792

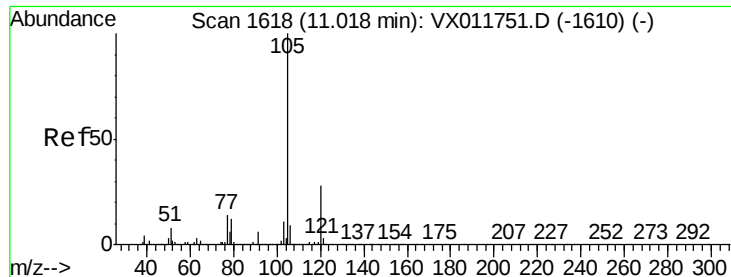
Delta R.T. 0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	37.3	111.8
150	161.1	0.0	343.0





#73

Isopropylbenzene

Concen: 18.408 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion:105 Resp: 310234

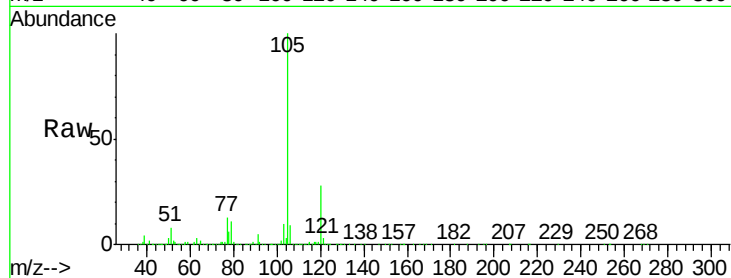
Ion Ratio Lower Upper

105 100

120 28.2 13.9 41.7

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

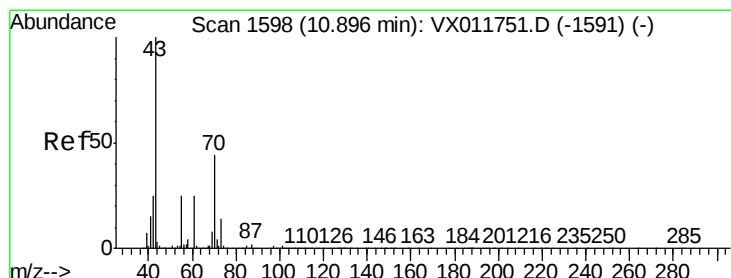
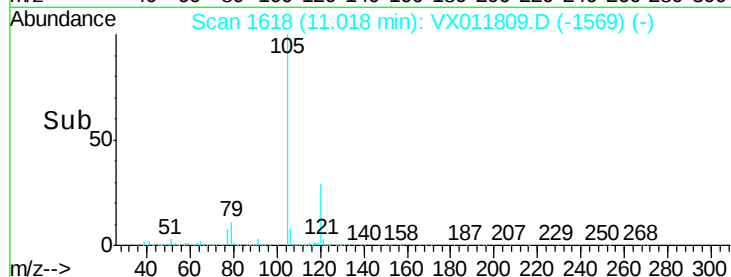
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.205 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion: 43 Resp: 112261

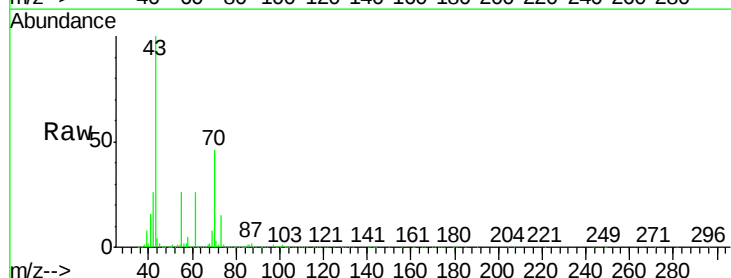
Ion Ratio Lower Upper

43 100

70 45.9 34.8 52.2

55 26.0 19.5 29.3

61 25.9 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

50000

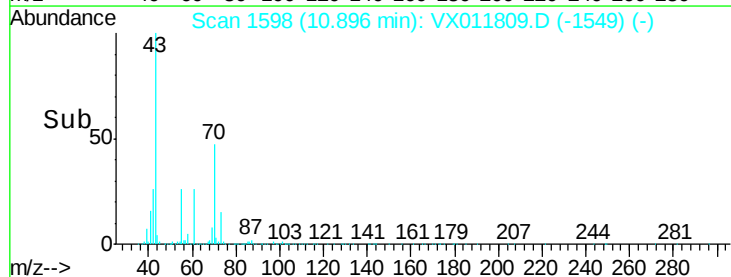
0

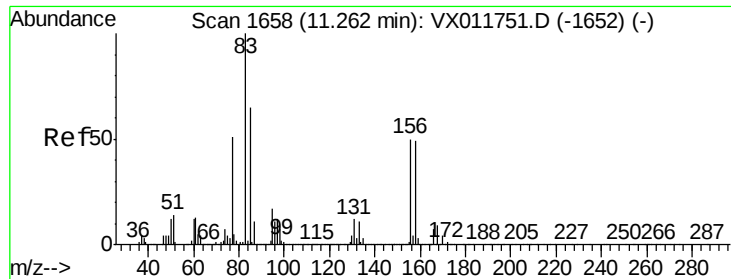
10.90

10.85

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.386 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

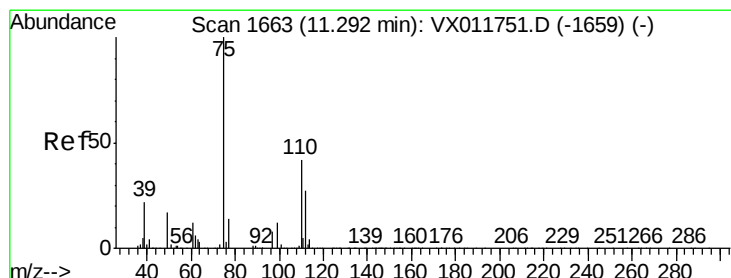
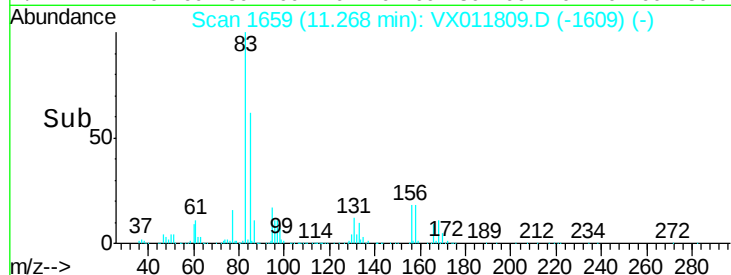
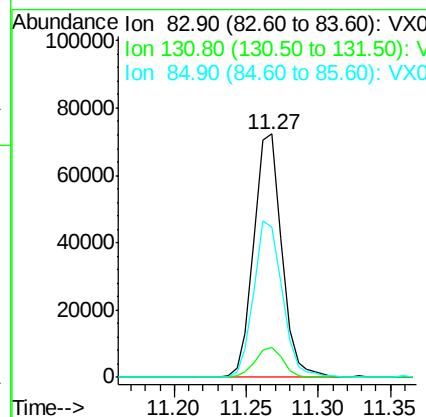
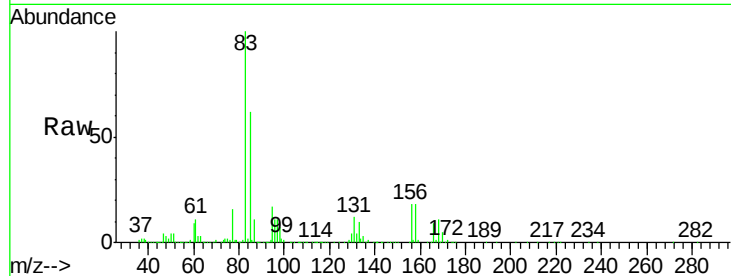
ClientSampleId :

VX0823WBSD01

Tot Ion:	83	Resp:	96990
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.1	18.3
85	65.5	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.992 ug/l m

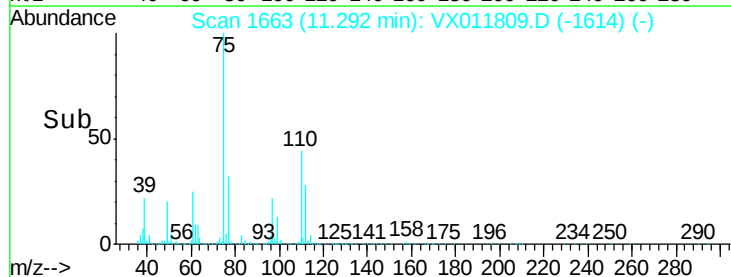
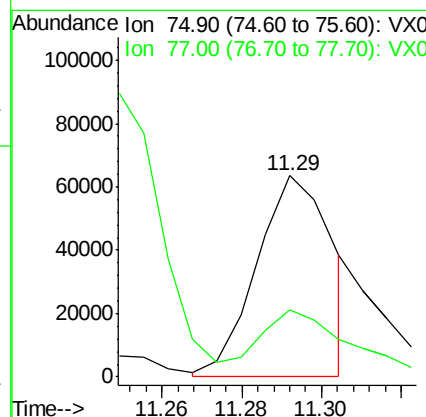
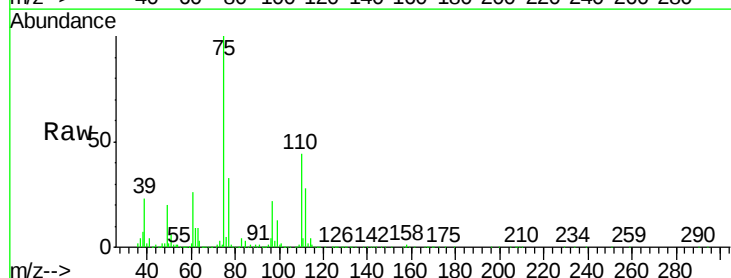
RT: 11.29 min Scan# 1663

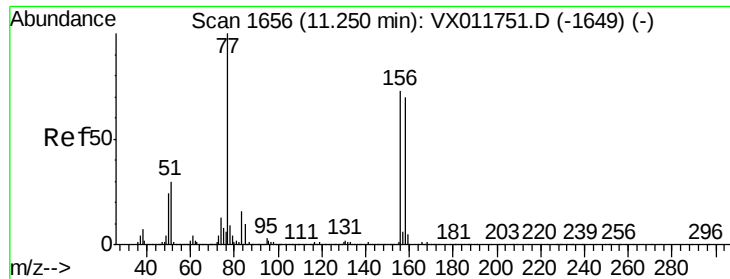
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	75	Resp:	83386
Ion Ratio	Lower	Upper	
75	100		
77	40.0	21.1	63.3





#77

Bromobenzene

Concen: 18.525 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

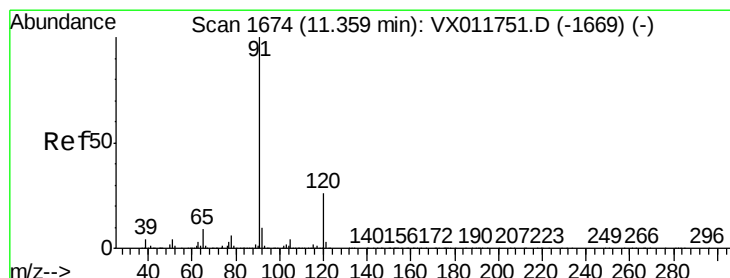
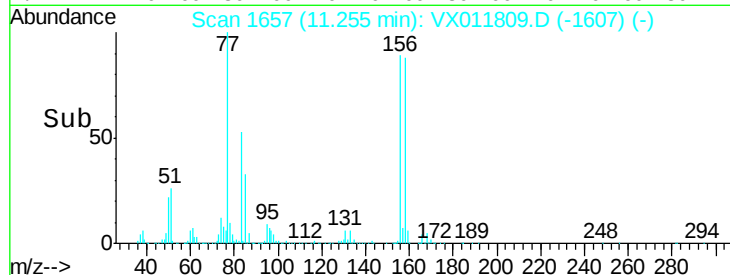
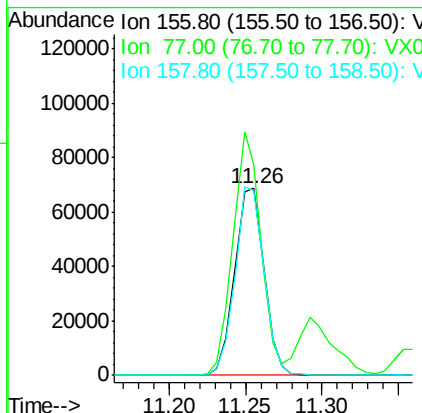
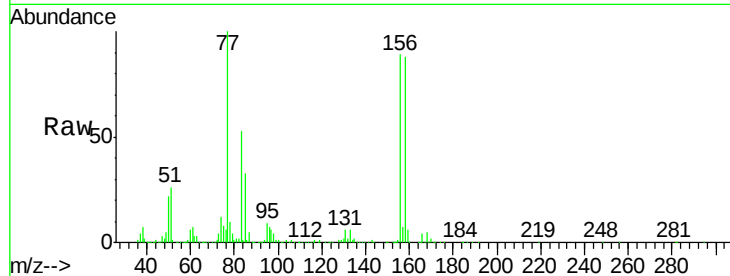
ClientSampleId :

VX0823WBSD01

Tot Ion:	156	Resp:	92041
Ion Ratio	Lower	Upper	
156	100		
77	122.7	65.3	196.0
158	98.5	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 17.934 ug/l

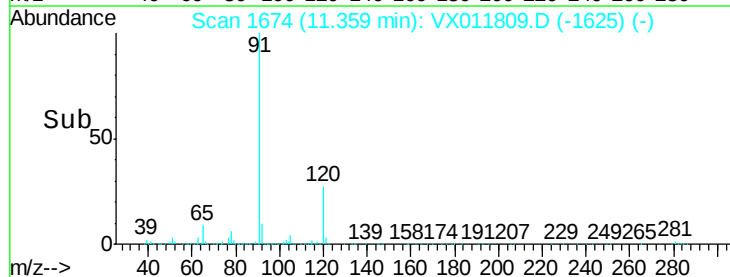
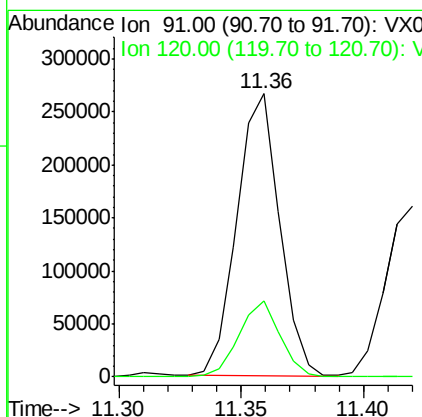
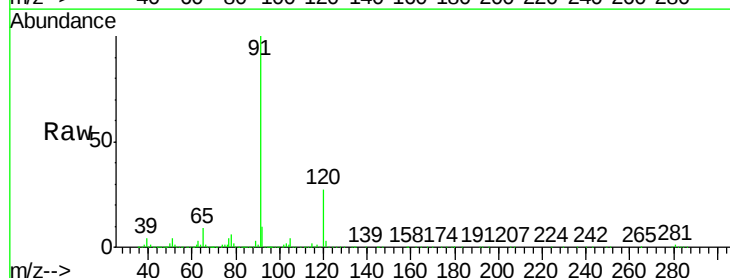
RT: 11.36 min Scan# 1674

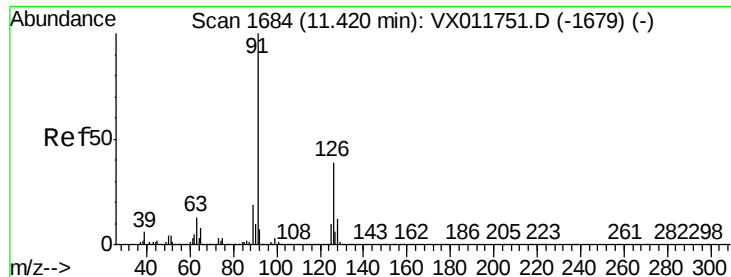
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	91	Resp:	323187
Ion Ratio	Lower	Upper	
91	100		
120	25.8	12.7	38.1





#79

2-Chlorotoluene

Concen: 17.946 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion: 91 Resp: 201199

Ion Ratio Lower Upper

91 100

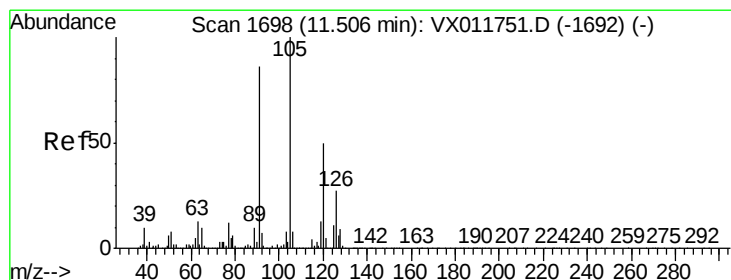
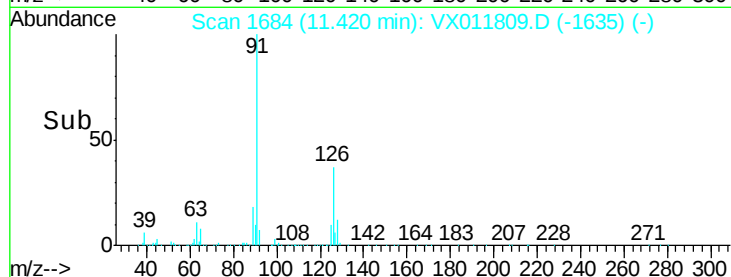
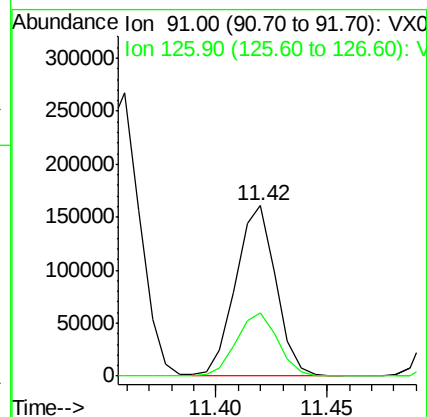
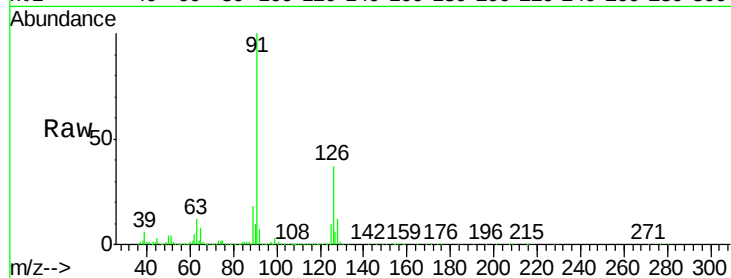
126 38.3 18.6 55.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.355 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011809.D

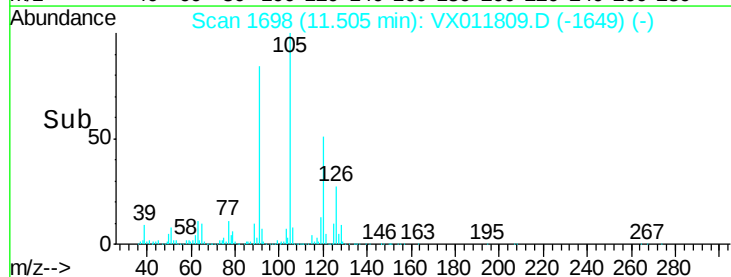
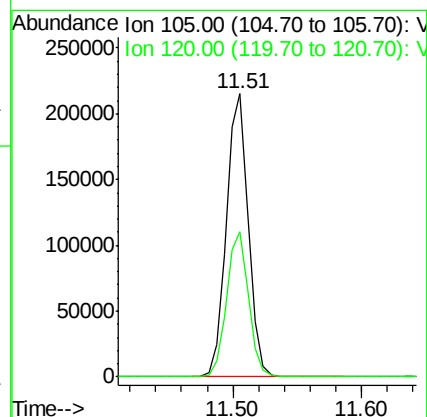
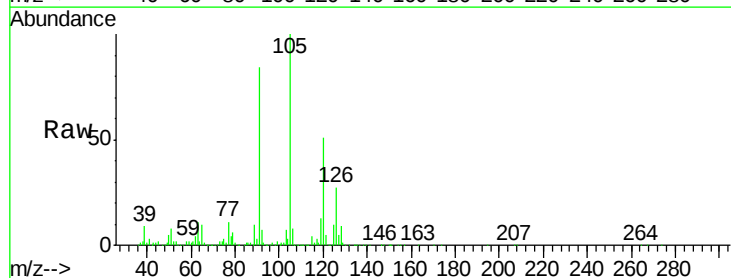
Acq: 23 Aug 2019 19:35

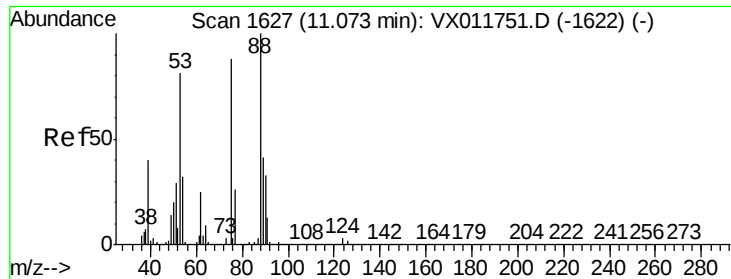
Tgt Ion: 105 Resp: 258109

Ion Ratio Lower Upper

105 100

120 51.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.907 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

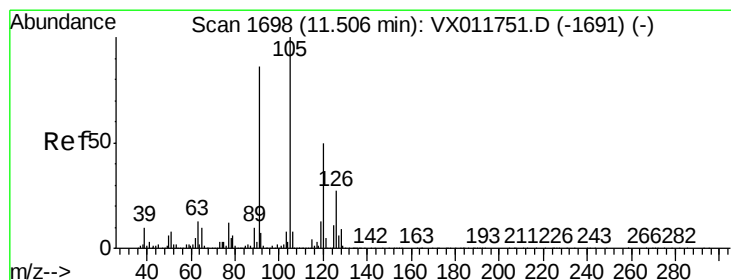
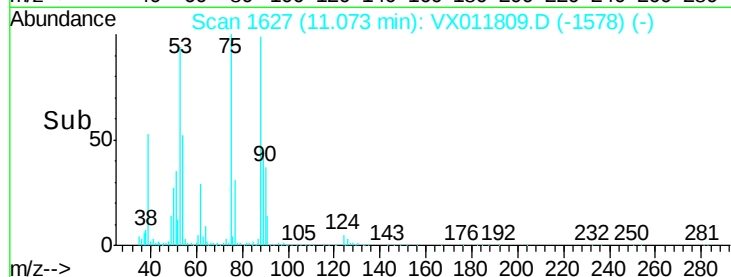
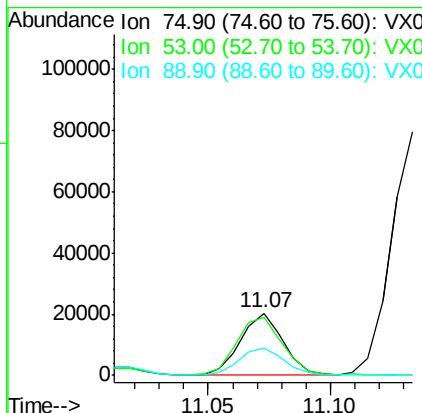
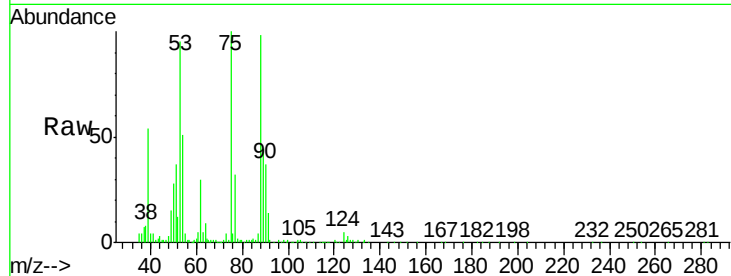
ClientSampleId :

VX0823WBSD01

Tot Ion:	75	Resp:	24256
Ion	Ratio	Lower	Upper
75	100		
53	101.0	77.1	115.7
89	46.7	38.5	57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.661 ug/l

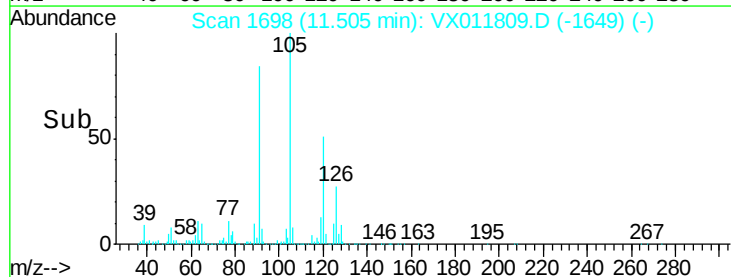
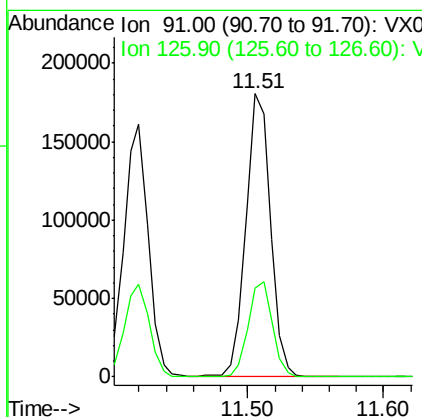
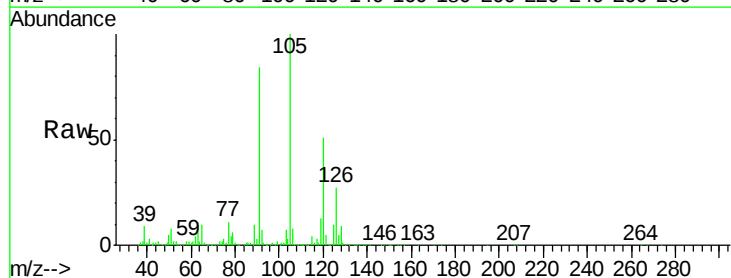
RT: 11.51 min Scan# 1698

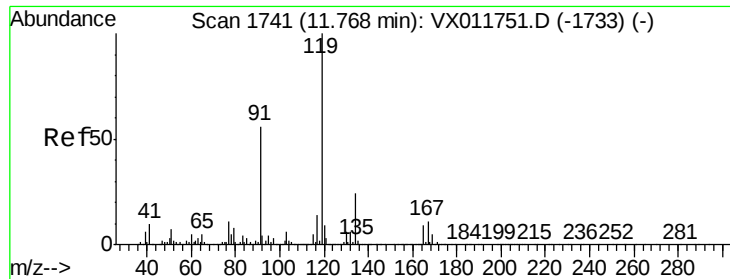
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	91	Resp:	228242
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.2	48.6





#83

tert-Butylbenzene

Concen: 18.527 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

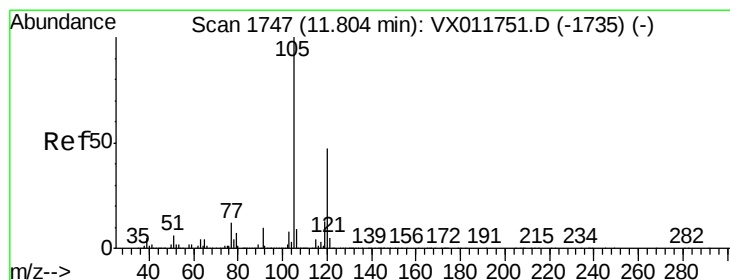
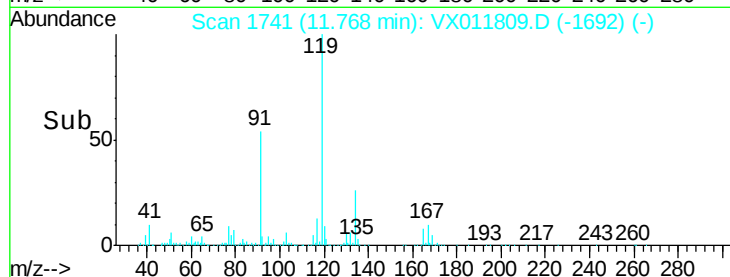
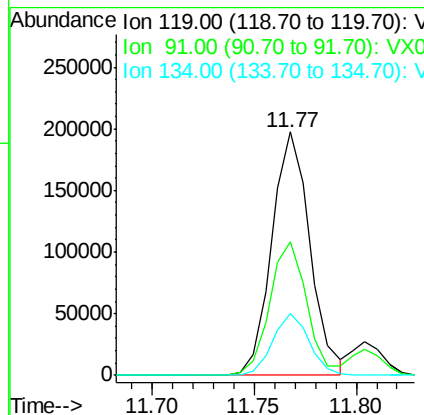
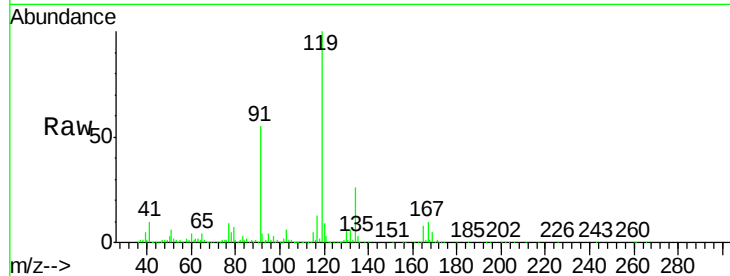
ClientSampleId :

VX0823WBSD01

Tot Ion:	119	Resp:	257034
Ion Ratio	Lower	Upper	
119	100		
91	53.6	27.7	83.1
134	24.6	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 18.437 ug/l

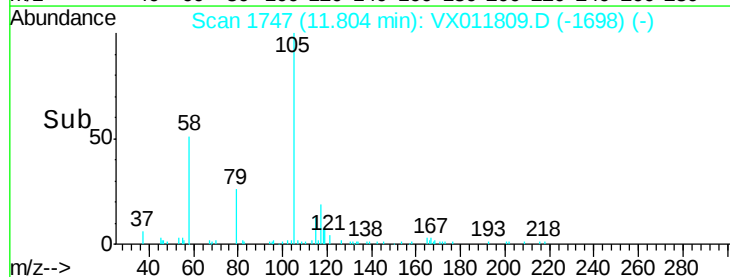
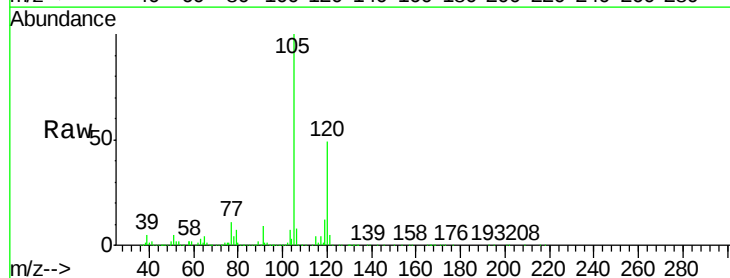
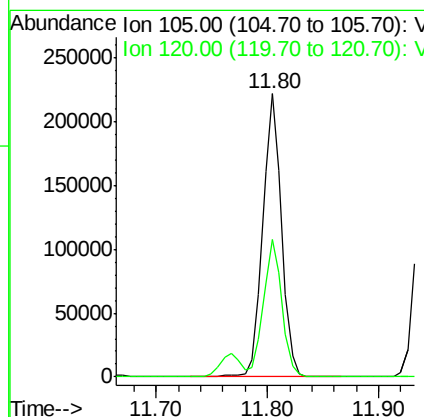
RT: 11.80 min Scan# 1747

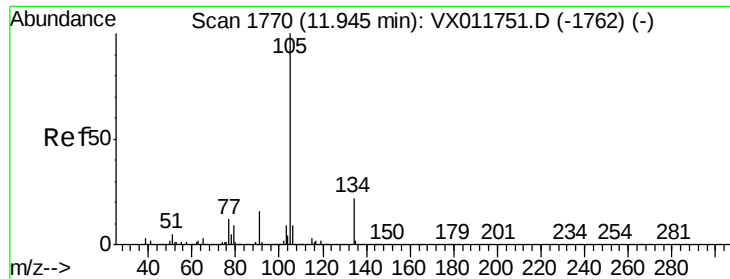
Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	105	Resp:	261810
Ion Ratio	Lower	Upper	
105	100		
120	48.1	23.7	71.1





#85

sec-Butylbenzene

Concen: 18.412 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBSD01

Tot Ion:105 Resp: 292197

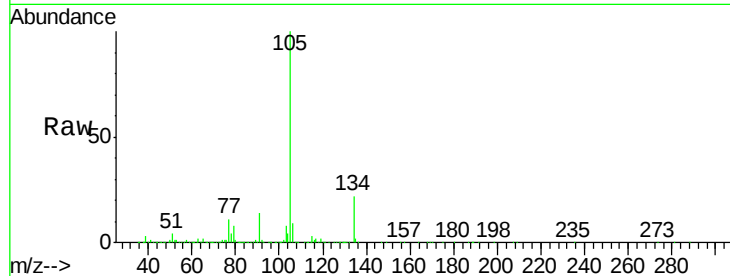
Ion Ratio Lower Upper

105 100

134 22.2 10.8 32.3

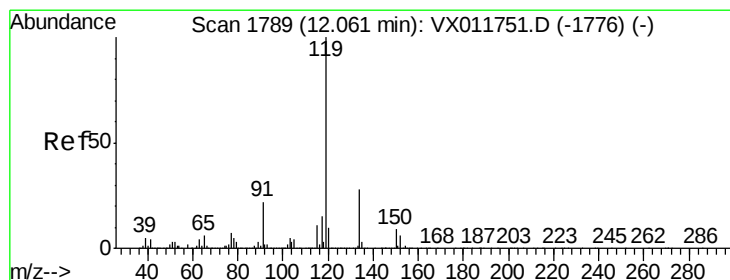
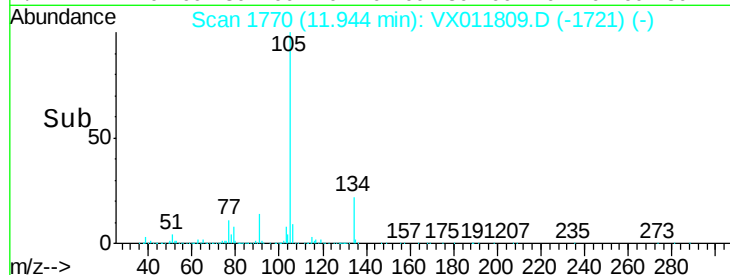
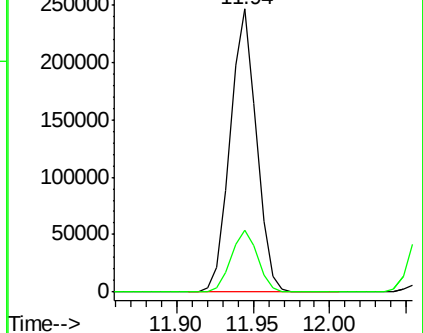
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.304 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

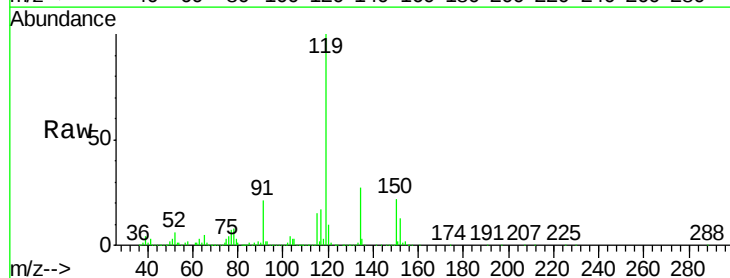
Tgt Ion:119 Resp: 279492

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.0

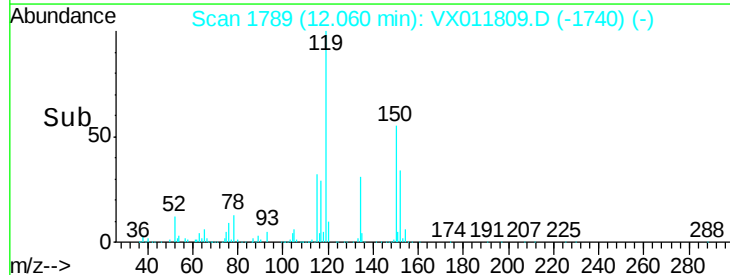
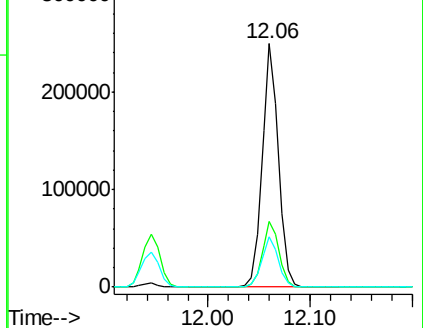
91 20.8 11.1 33.3

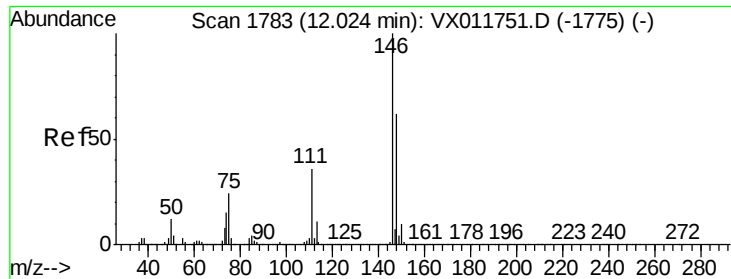


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





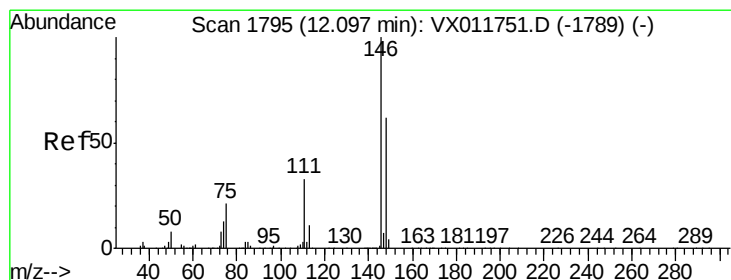
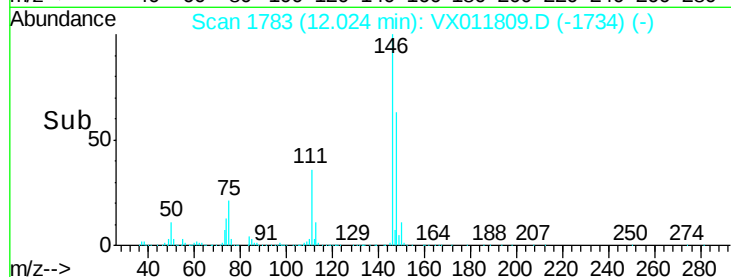
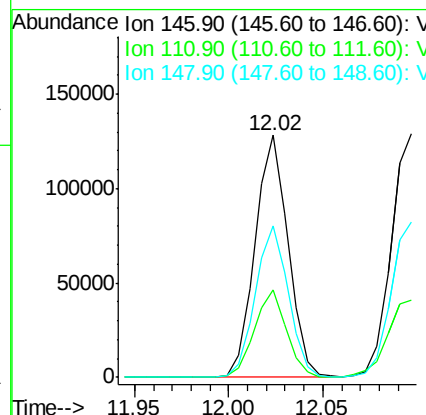
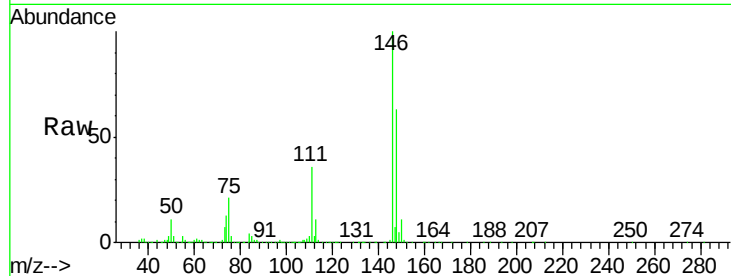
#87
 1,3-Dichlorobenzene
 Concen: 18.206 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	155775		
111	35.1	18.1	54.4	
148	62.8	31.6	94.7	

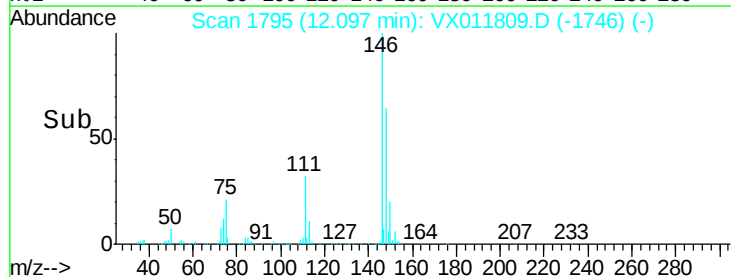
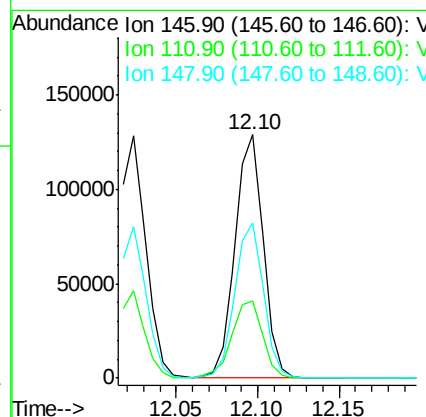
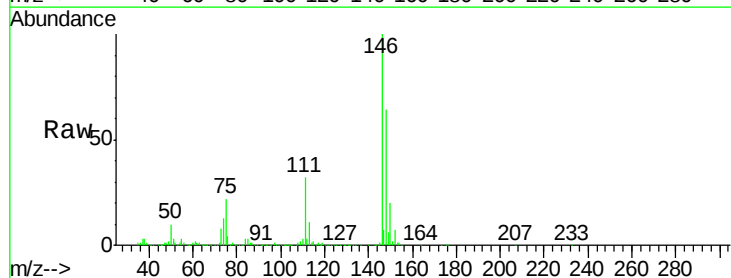
Manual Integrations
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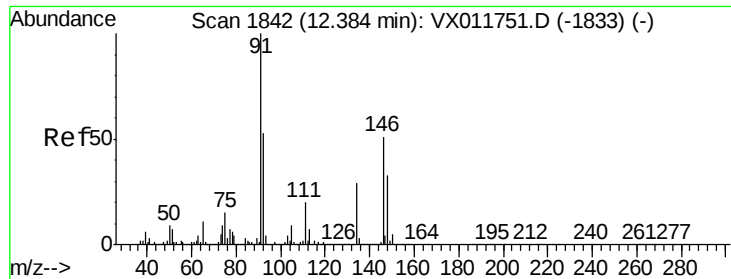
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#88
 1,4-Dichlorobenzene
 Concen: 17.876 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	154740		
111	35.1	17.8	53.4	
148	64.8	31.9	95.7	





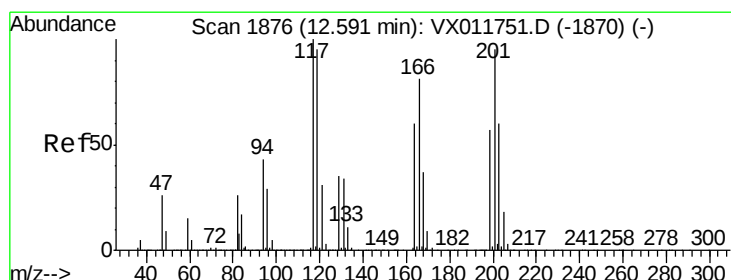
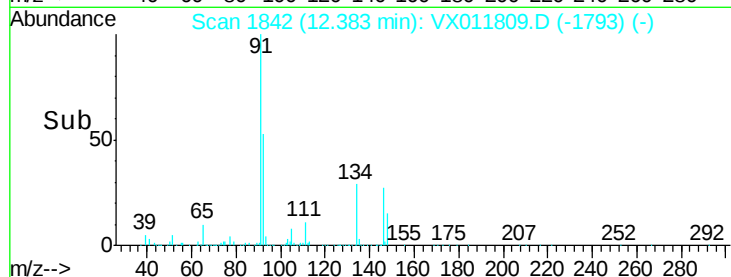
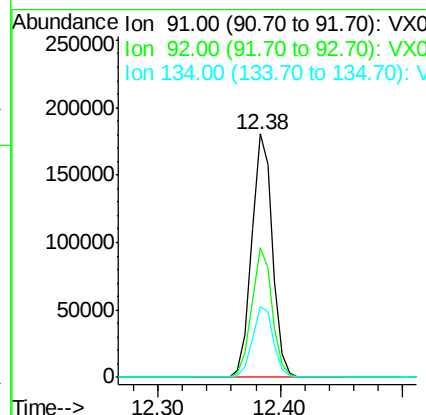
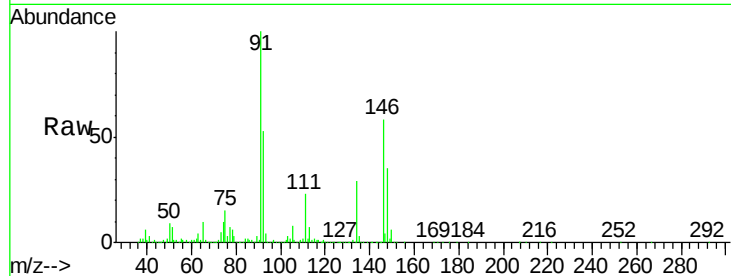
#89
n-Butylbenzene
Concen: 16.837 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.0
134	29.6	14.6	43.8

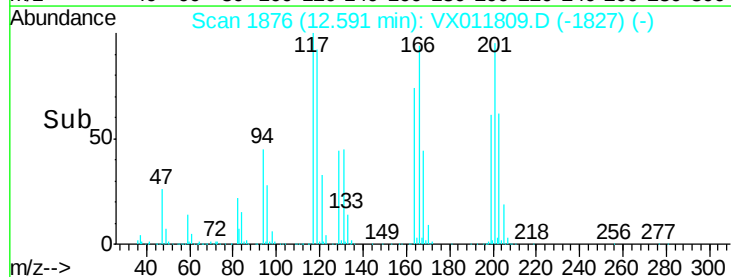
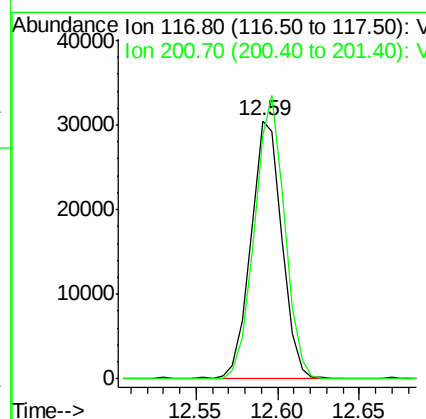
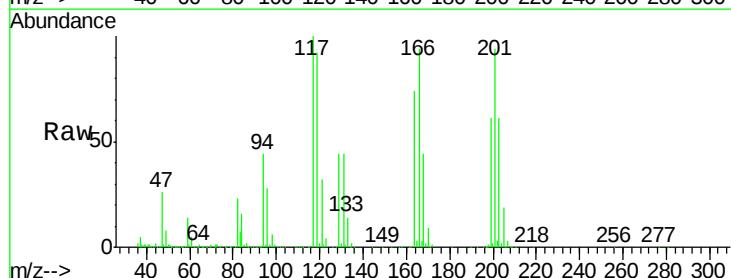
Manual Integrations
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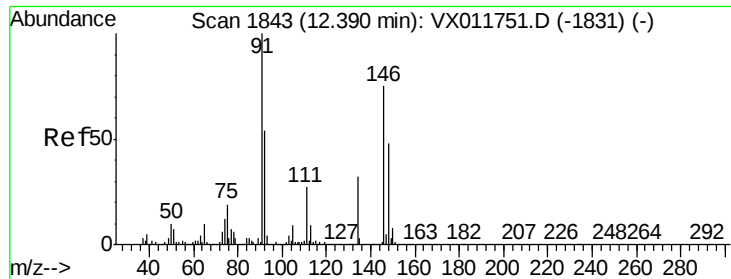
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#90
Hexachloroethane
Concen: 17.064 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011809.D
Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	105.6	49.6	149.0





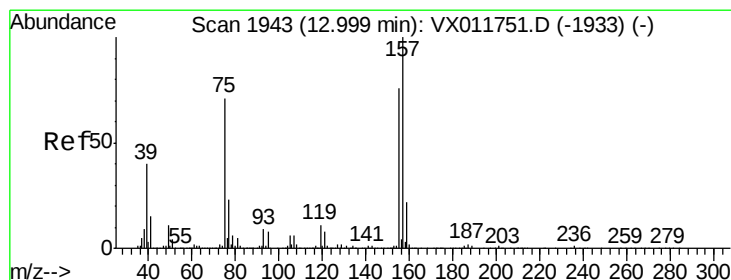
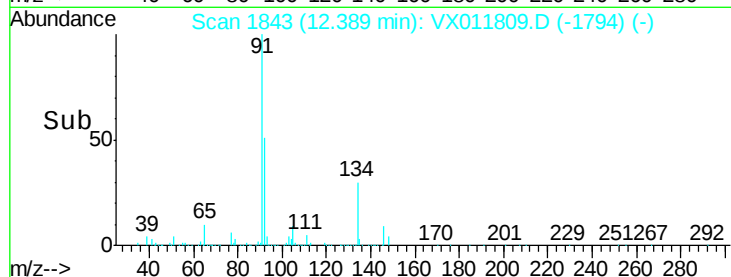
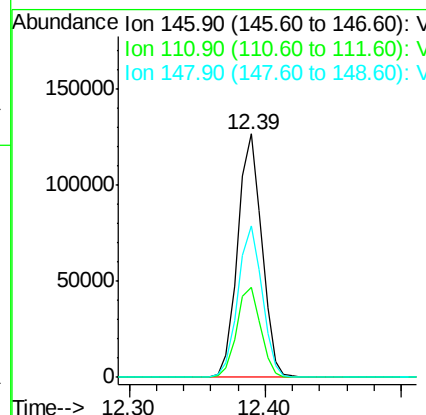
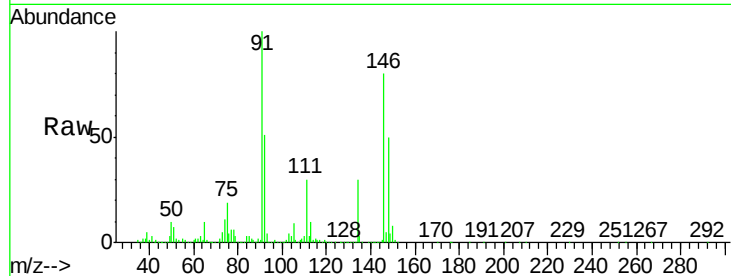
#91
 1,2-Dichlorobenzene
 Concen: 18.108 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	156271		
111	36.9	18.8	56.4	
148	62.8	31.6	95.0	

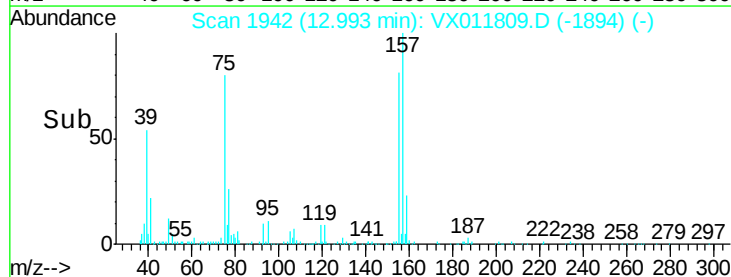
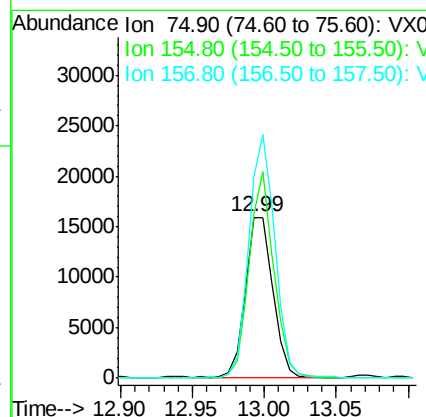
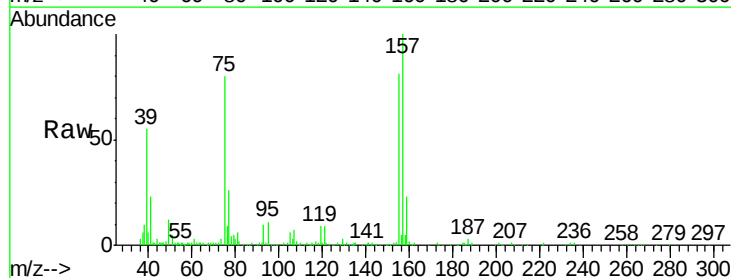
Manual Integrations
 APPROVED

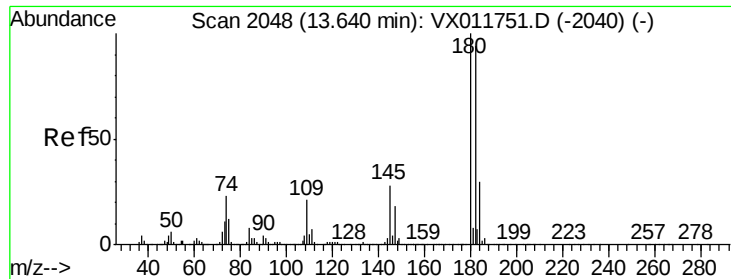
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.108 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20887		
155	115.8	52.6	157.9	
157	143.7	68.3	204.9	





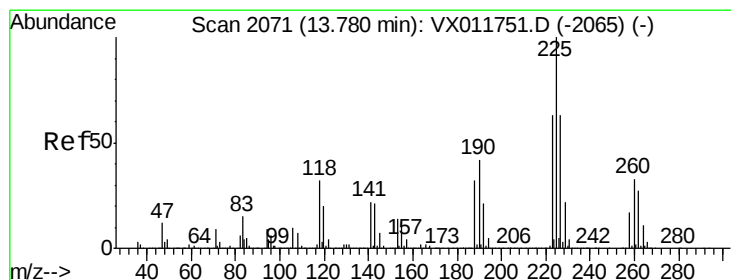
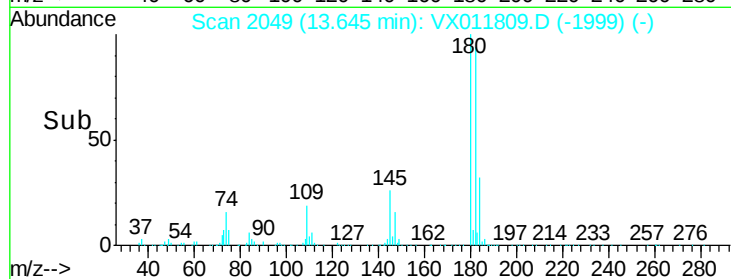
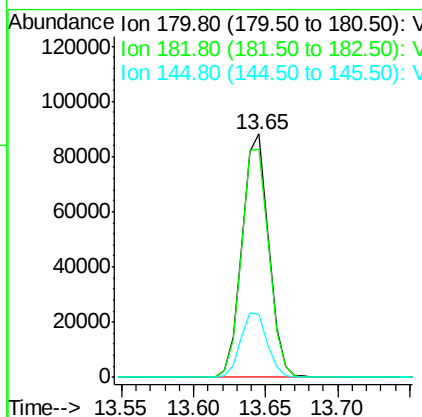
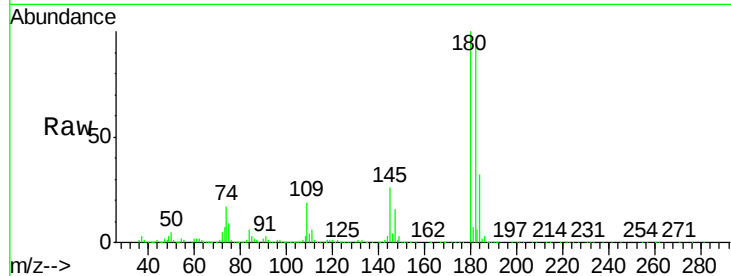
#93
 1,2,4-Trichlorobenzene
 Concen: 17.733 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112568		
182	96.9	47.8	143.4	
145	26.9	14.1	42.3	

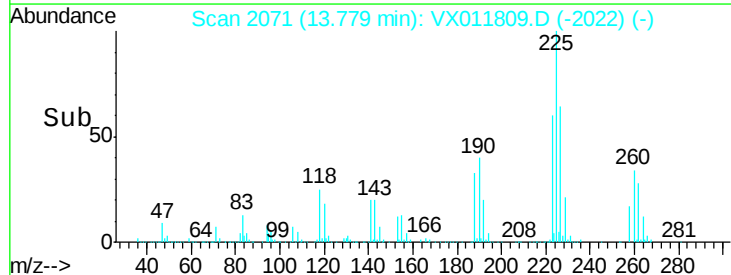
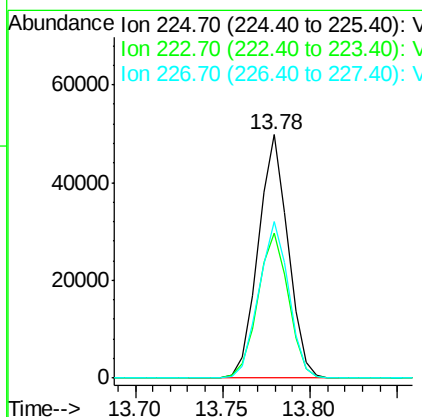
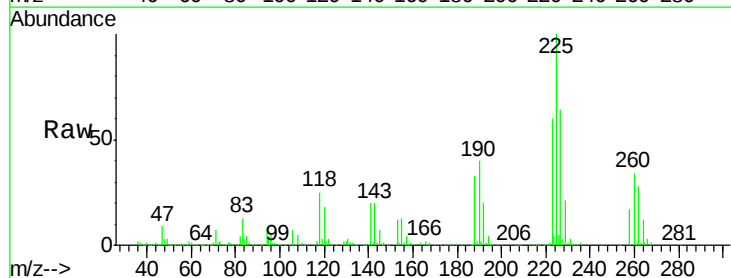
Manual Integrations
 APPROVED

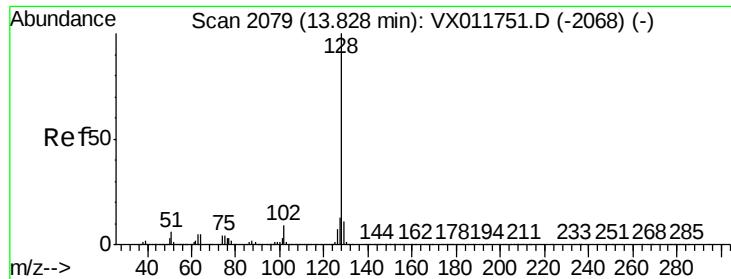
MMDadoda
 8/26/2019 11:40:13 AM



#94
 Hexachlorobutadiene
 Concen: 16.933 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011809.D
 Acq: 23 Aug 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58901		
223	61.3	31.0	93.0	
227	64.9	31.8	95.3	





#95

Naphthalene

Concen: 18.950 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Instrument :

MSVOA_X

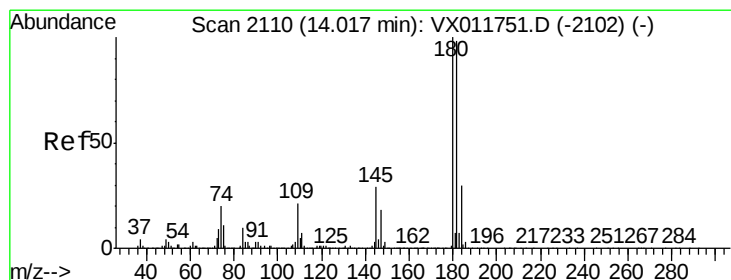
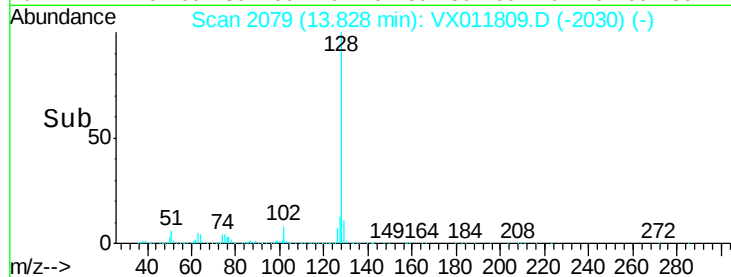
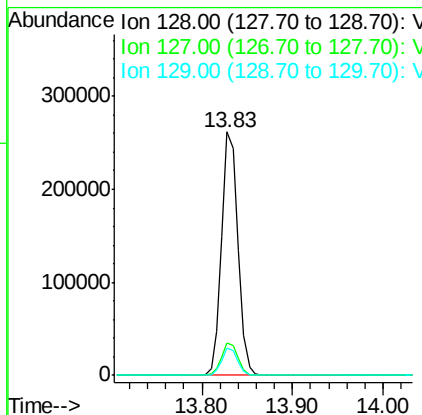
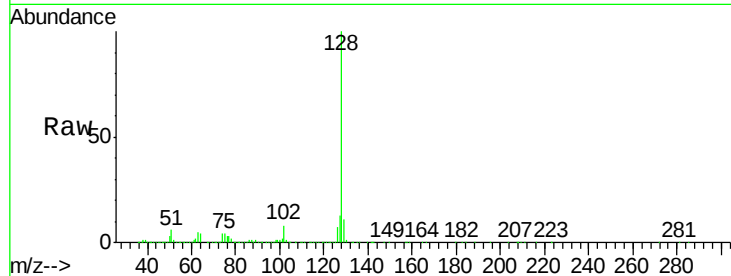
ClientSampleId :

VX0823WBSD01

Tot Ion:	128	Resp:	331305
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:13 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.387 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011809.D

Acq: 23 Aug 2019 19:35

Tgt Ion:	180	Resp:	117196
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.5	145.5
145	28.9	14.6	43.8

