

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011396.D
 Acq On : 08 Aug 2019 18:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 11:06:28 AM

Quant Time: Aug 09 05:04:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	88301	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.49	113	76845	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	8.71	98	286694	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.13	95	110741	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	58289	44.491	ug/l	98
3) Chloromethane	1.32	50	63395	43.090	ug/l	100
4) Vinyl Chloride	1.40	62	70217	43.389	ug/l	100
5) Bromomethane	1.63	94	44249	38.338	ug/l	96
6) Chloroethane	1.71	64	47349	47.107	ug/l	97
7) Trichlorofluoromethane	1.92	101	129571	45.029	ug/l	99
8) Diethyl Ether	2.18	74	45095	43.889	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71532	45.944	ug/l	97
10) Methyl Iodide	2.50	142	92657	47.204	ug/l	98
11) Tert butyl alcohol	3.04	59	88701	260.393	ug/l	99
12) 1,1-Dichloroethene	2.36	96	69680	45.148	ug/l	91
13) Acrolein	2.29	56	45361	214.215	ug/l	99
14) Allyl chloride	2.72	41	108196	52.586	ug/l	97
15) Acrylonitrile	3.14	53	214189	263.493	ug/l	99
16) Acetone	2.43	43	190892	234.770	ug/l	98
17) Carbon Disulfide	2.56	76	160732	44.380	ug/l	100
18) Methyl Acetate	2.76	43	98177	52.836	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	237387	52.194	ug/l	99
20) Methylene Chloride	2.85	84	81507	45.772	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	76743	47.007	ug/l	92
22) Diisopropyl ether	3.85	45	230955	51.073	ug/l	99
23) Vinyl Acetate	3.81	43	1023111	272.784	ug/l	99
24) 1,1-Dichloroethane	3.69	63	132714	49.771	ug/l	98
25) 2-Butanone	4.67	43	300421	259.737	ug/l	96
26) 2,2-Dichloropropane	4.57	77	106457	51.359	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	89096	47.379	ug/l	96
28) Bromochloromethane	5.01	49	61554	50.636	ug/l	95
29) Tetrahydrofuran	5.12	42	187684	264.645	ug/l	99
30) Chloroform	5.20	83	149201	51.483	ug/l	99
31) Cyclohexane	5.57	56	102938	46.792	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	127684	51.431	ug/l	98
36) 1,1-Dichloropropene	5.79	75	102413	45.989	ug/l	99
37) Ethyl Acetate	4.82	43	113345	50.742	ug/l	98
38) Carbon Tetrachloride	5.77	117	112989	50.432	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116657	44.194	ug/l	98
40) Benzene	6.13	78	316301	47.598	ug/l	98
41) Methacrylonitrile	5.04	41	61377	50.312	ug/l	98
42) 1,2-Dichloroethane	6.19	62	116341	51.774	ug/l	98
43) Isopropyl Acetate	6.44	43	180417	50.519	ug/l	100
44) Trichloroethene	7.21	130	92177	45.826	ug/l	96
45) 1,2-Dichloropropane	7.51	63	82239	47.785	ug/l	100
46) Dibromomethane	7.66	93	60212	47.925	ug/l	97
47) Bromodichloromethane	7.89	83	111198	52.276	ug/l	99
48) Methyl methacrylate	7.76	41	89096	53.011	ug/l	98
49) 1,4-Dioxane	7.73	88	44014	903.319	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	618692	268.440	ug/l	99
52) Toluene	8.78	92	210033	47.804	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119087	48.182	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129437	52.092	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91700	50.762	ug/l	99
56) Ethyl methacrylate	9.18	69	134878	52.393	ug/l	97
57) 1,3-Dichloropropane	9.37	76	140974	49.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	319912	252.739	ug/l	100
59) 2-Hexanone	9.49	43	476154	266.724	ug/l	98
60) Dibromochloromethane	9.58	129	96969	52.430	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96853	49.624	ug/l	99
64) Tetrachloroethene	9.34	164	91541	45.093	ug/l	96
65) Chlorobenzene	10.13	112	243358	47.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90190	51.399	ug/l	99
67) Ethyl Benzene	10.25	91	420789	49.021	ug/l	99
68) m/p-Xylenes	10.35	106	324539	97.747	ug/l	98
69) o-Xylene	10.69	106	157200	48.188	ug/l	98
70) Styrene	10.71	104	270383	50.091	ug/l	98
71) Bromoform	10.85	173	73755	47.179	ug/l #	99
73) Isopropylbenzene	11.02	105	427209	48.324	ug/l	99
74) N-amyl acetate	10.90	43	169226	52.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	141577	48.055	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	121378m	51.562	ug/l	
77) Bromobenzene	11.26	156	114287	46.620	ug/l	95
78) n-propylbenzene	11.36	91	486358	49.470	ug/l	98
79) 2-Chlorotoluene	11.42	91	283951	48.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	364889	49.306	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42391	48.260	ug/l	99
82) 4-Chlorotoluene	11.51	91	335810	49.173	ug/l	98
83) tert-Butylbenzene	11.77	119	357935	49.314	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	366825	49.785	ug/l	99
85) sec-Butylbenzene	11.94	105	421109	48.290	ug/l	100
86) p-Isopropyltoluene	12.06	119	395891	49.347	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207591	47.926	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207936	46.555	ug/l	99
89) n-Butylbenzene	12.38	91	335994	48.612	ug/l	99
90) Hexachloroethane	12.59	117	61191	51.591	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205013	47.106	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30839	54.029	ug/l	95

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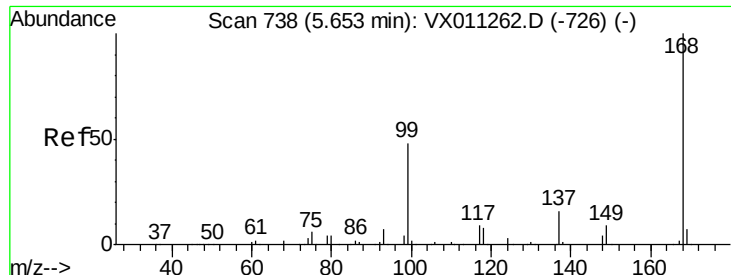
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139028	48.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	68770	46.962	ug/l	99
95) Naphthalene	13.83	128	439054	52.017	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141677	48.283	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: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 169630

Ion Ratio Lower Upper

168 100

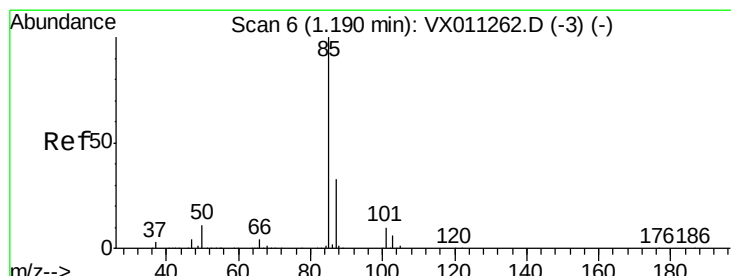
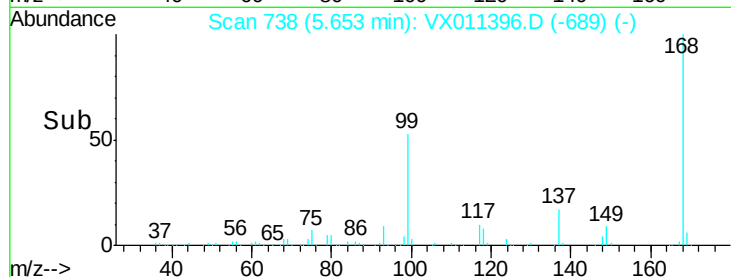
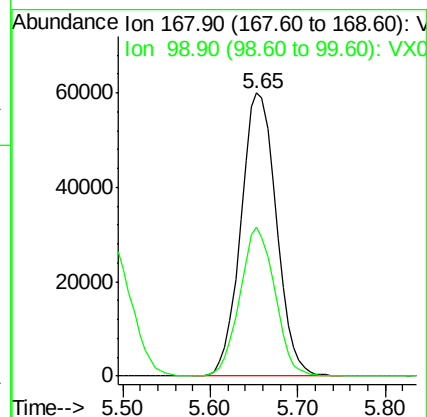
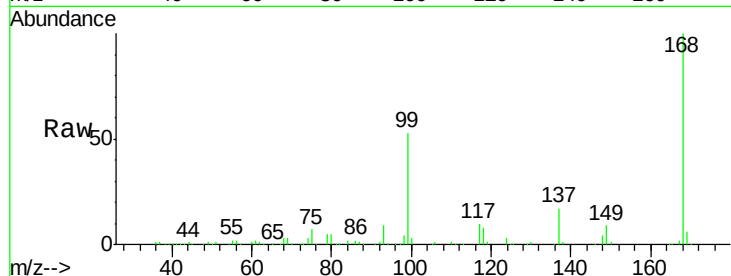
99 52.5 38.5 57.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.491 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011396.D

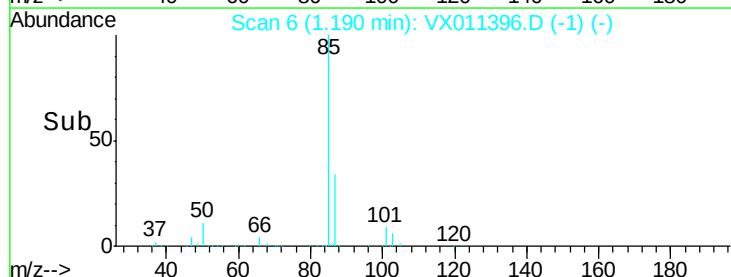
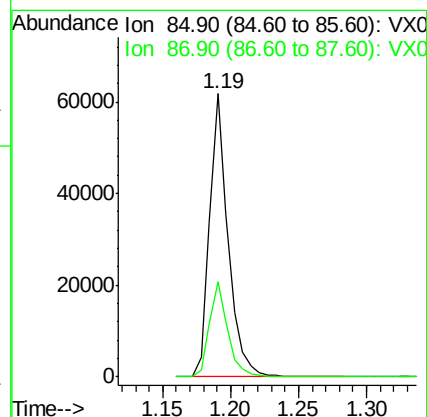
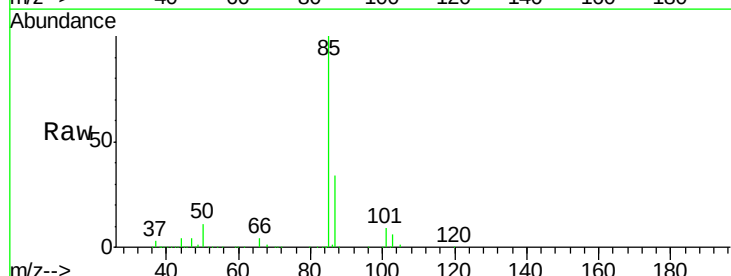
Acq: 08 Aug 2019 18:17

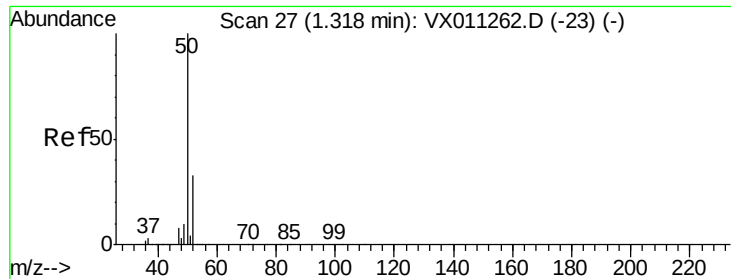
Tgt Ion: 85 Resp: 58289

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.1





#3

Chloromethane

Concen: 43.090 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 63395

Ion Ratio Lower Upper

50 100

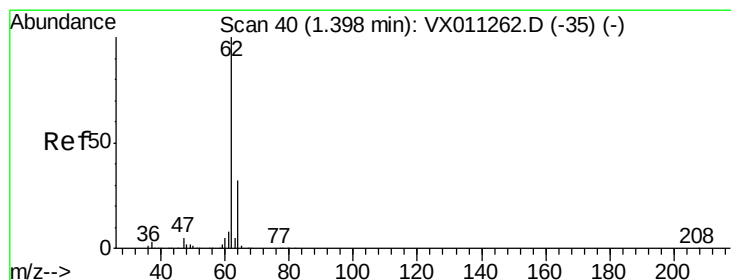
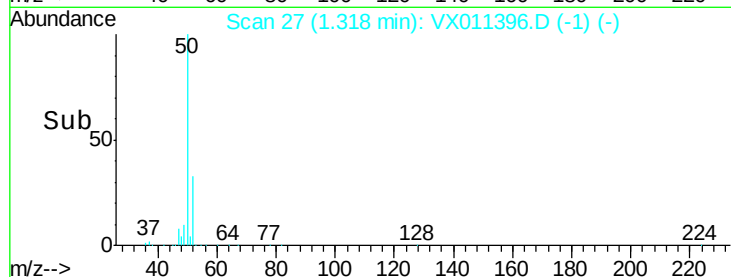
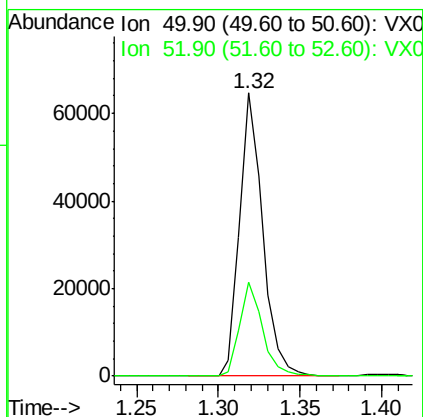
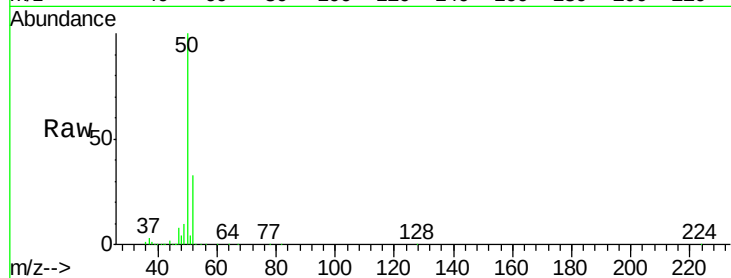
52 33.0 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.389 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011396.D

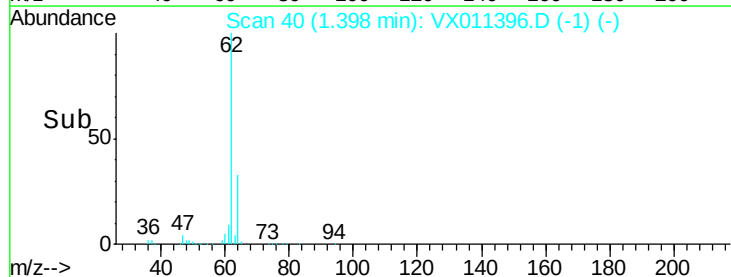
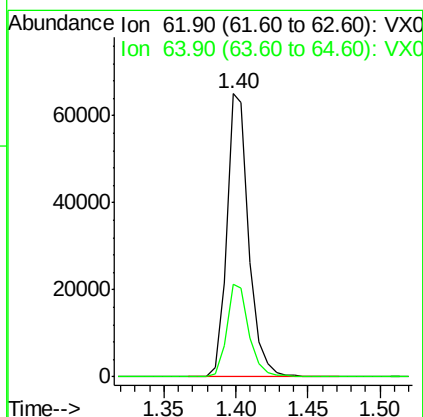
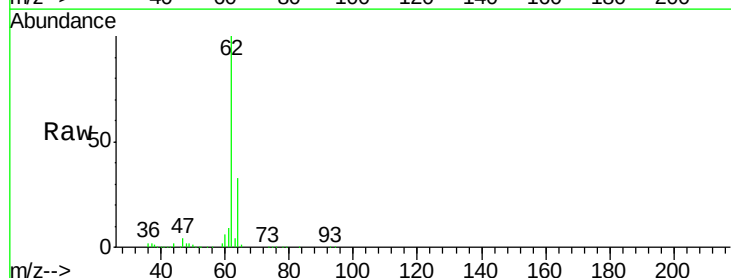
Acq: 08 Aug 2019 18:17

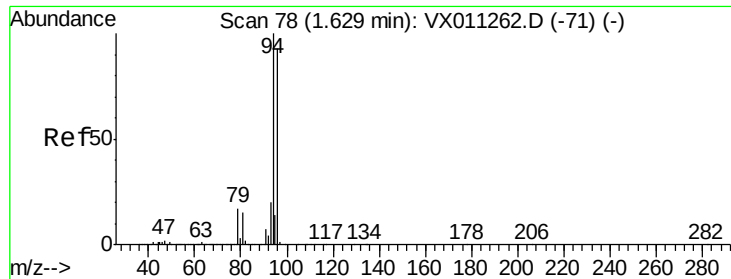
Tgt Ion: 62 Resp: 70217

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 38.338 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 44249

Ion Ratio Lower Upper

94 100

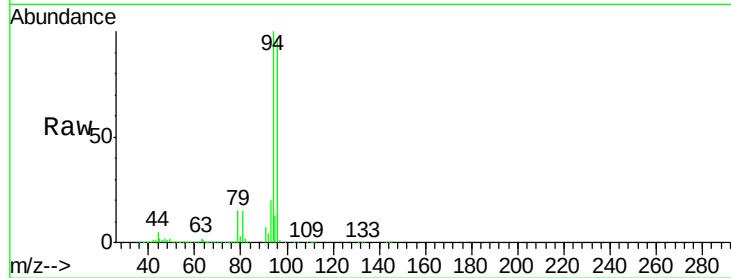
96 97.3 74.6 112.0

Manual Integrations

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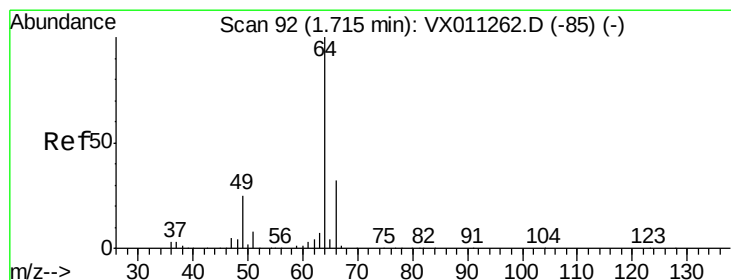
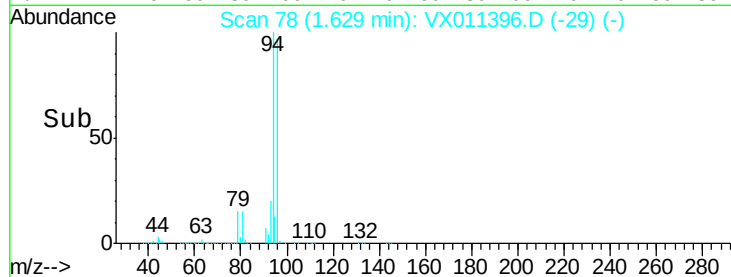
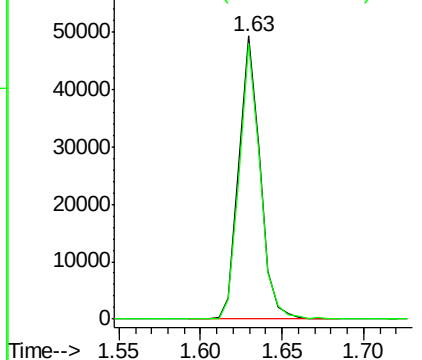
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.107 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011396.D

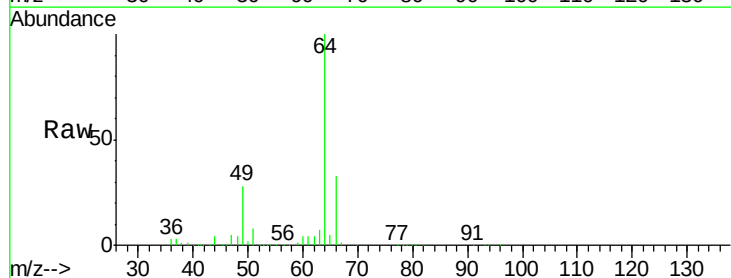
Acq: 08 Aug 2019 18:17

Tgt Ion: 64 Resp: 47349

Ion Ratio Lower Upper

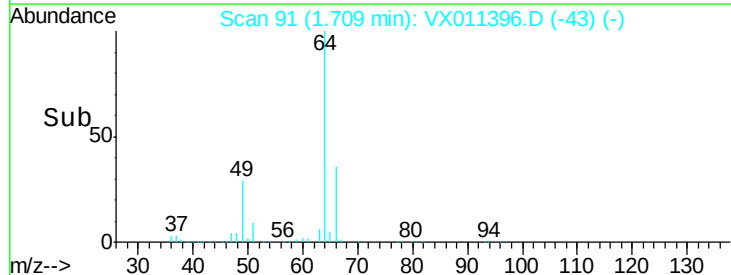
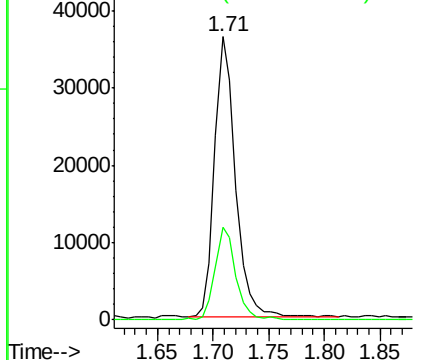
64 100

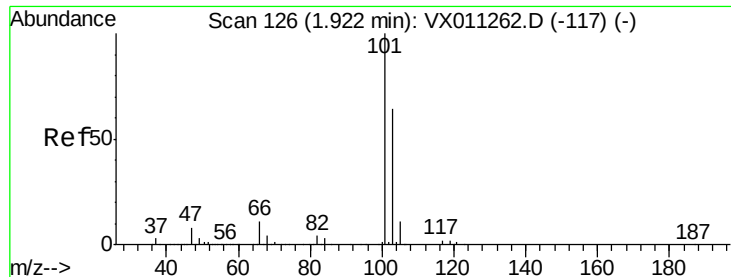
66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

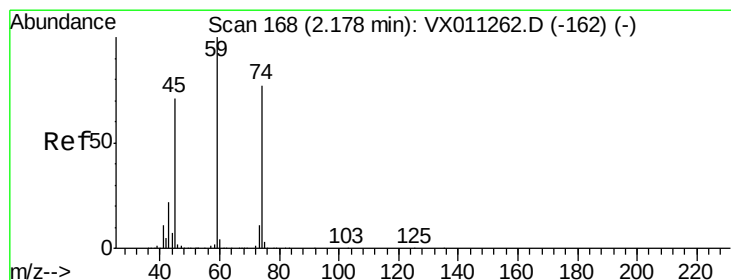
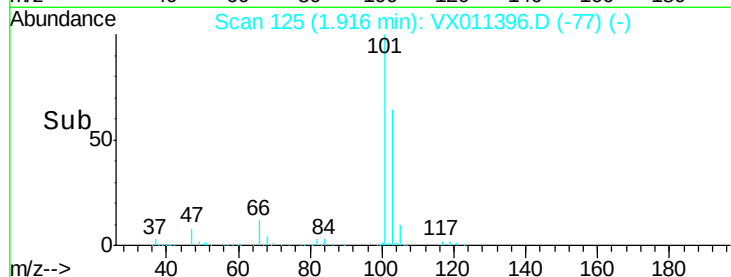
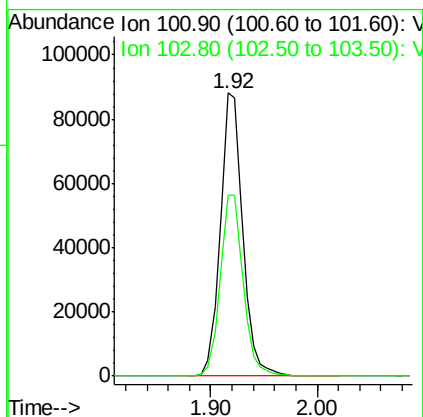
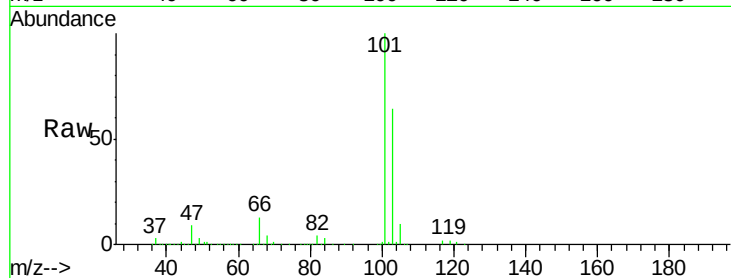
Trichlorofluoromethane
Concen: 45.029 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	129571		
103	64.1	50.9	76.3	

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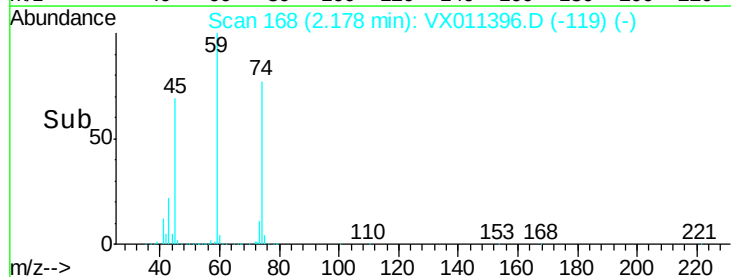
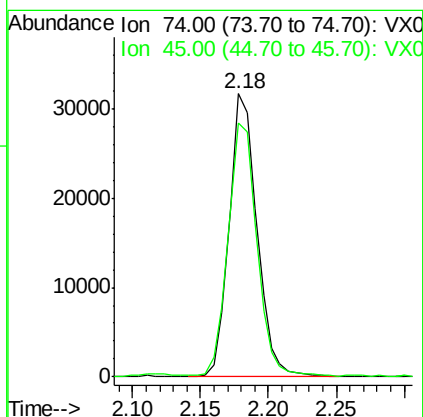
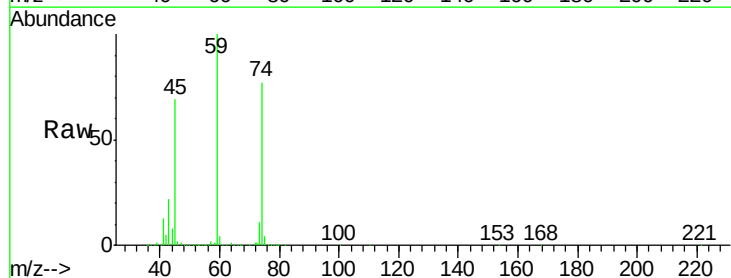
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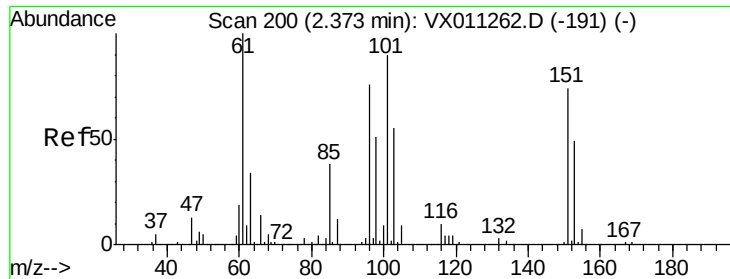


#8

Diethyl Ether
Concen: 43.889 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45095		
45	92.6	46.1	138.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.944 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

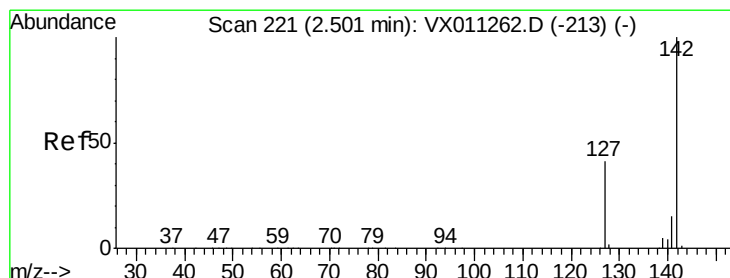
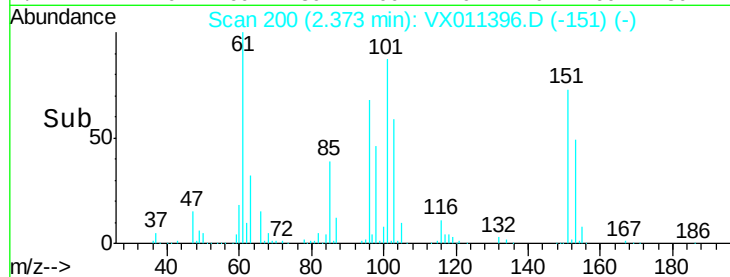
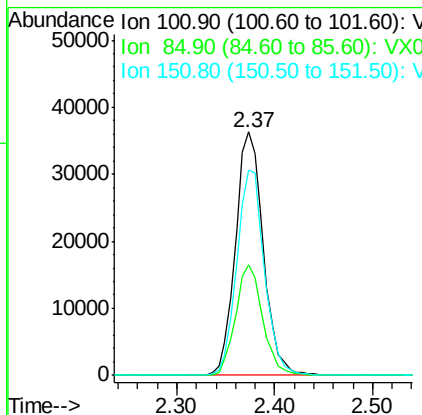
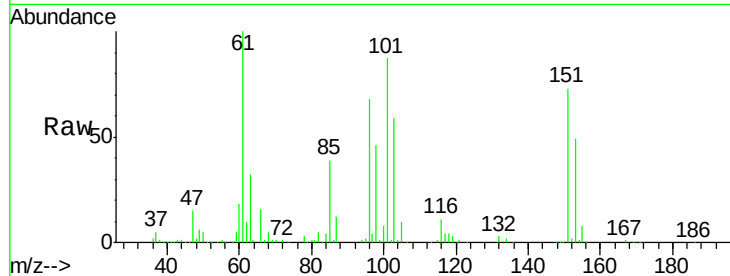
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	71532
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.8	50.6
151	84.2	69.5	104.3

Manual Integrations
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#10

Methyl Iodide

Concen: 47.204 ug/l

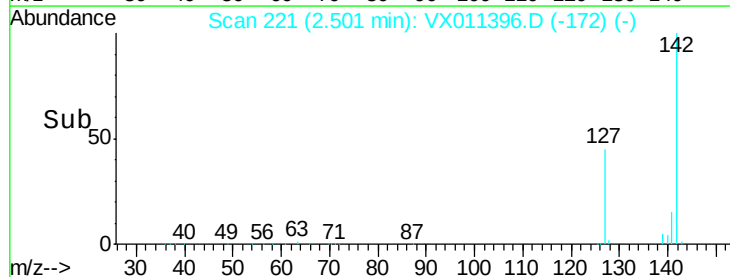
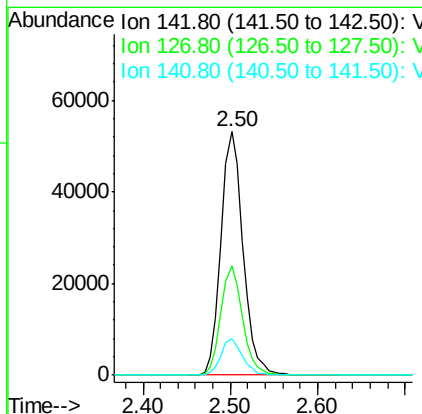
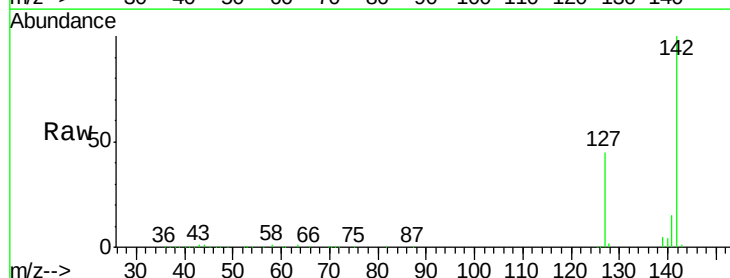
RT: 2.50 min Scan# 221

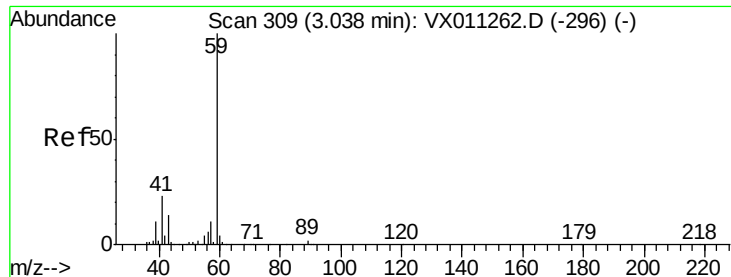
Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion:	142	Resp:	92657
Ion Ratio	Lower	Upper	
142	100		
127	44.2	33.8	50.8
141	14.5	11.4	17.2





#11

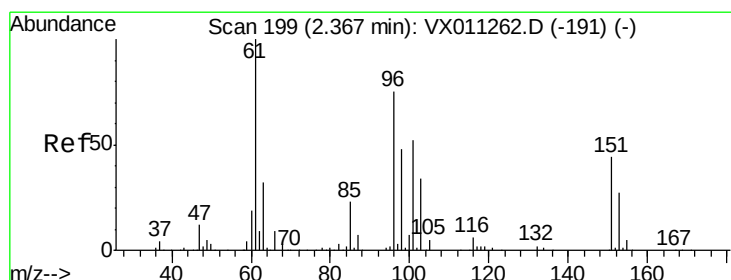
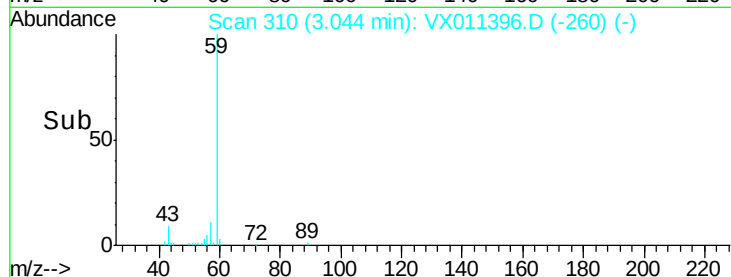
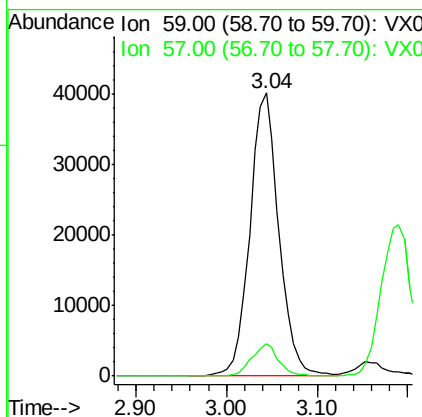
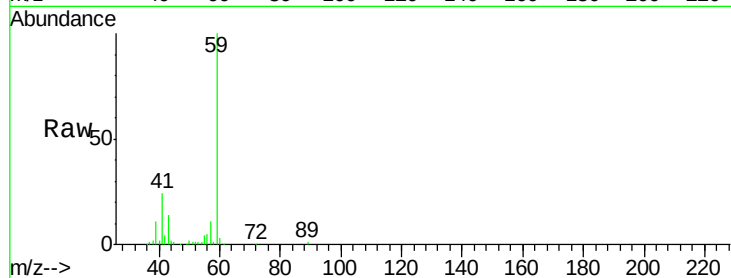
Tert butyl alcohol
Concen: 260.393 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.8	Resp:	88701	Lower	Upper
59	100								
57		10.8						8.3	12.5

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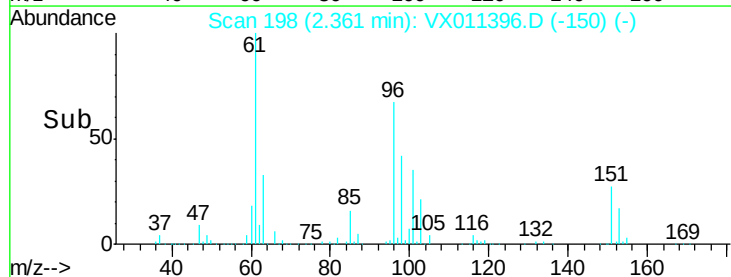
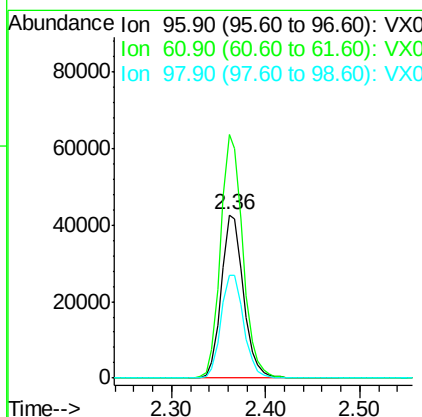
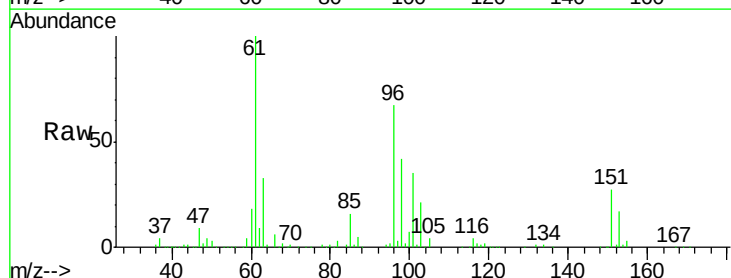
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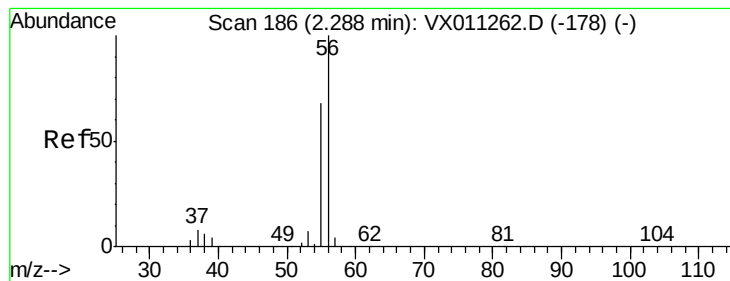


#12

1,1-Dichloroethene
Concen: 45.148 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	96	61	98	Ratio	100	149.0	63.0	Resp:	69680	Lower	Upper
96	100										
61		149.0								106.2	159.2
98		63.0								50.6	75.8





#13

Acrolein

Concen: 214.215 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 45361

Ion Ratio Lower Upper

56 100

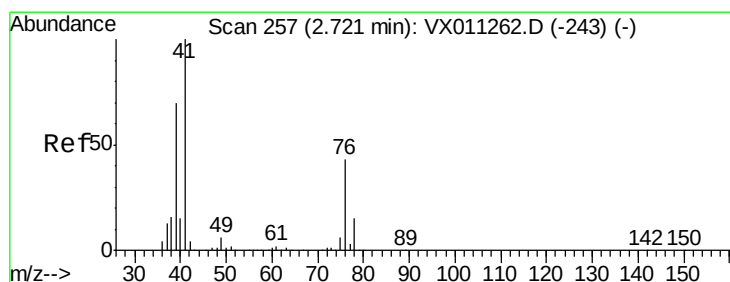
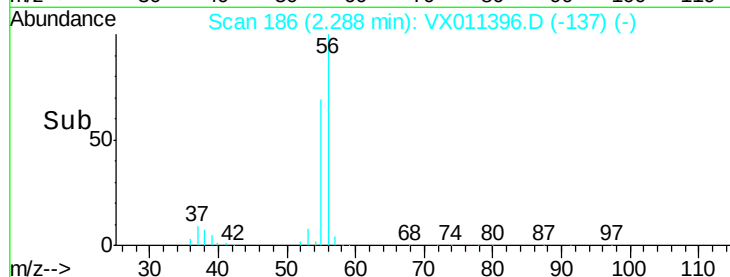
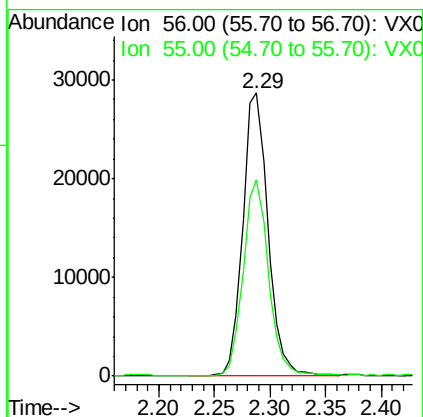
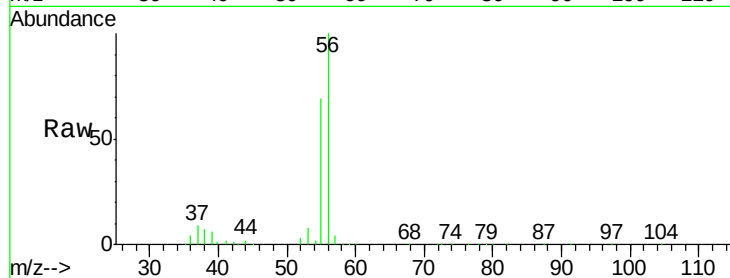
55 69.1 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 52.586 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

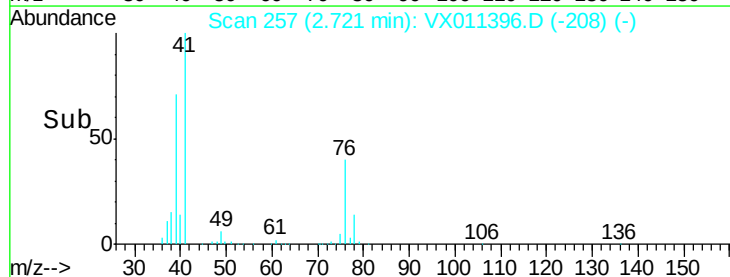
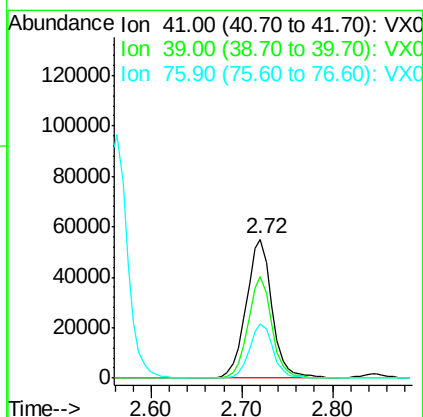
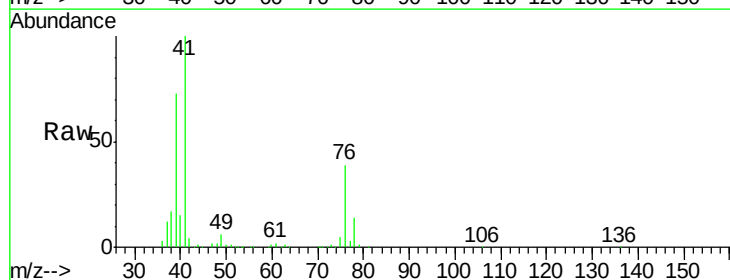
Tgt Ion: 41 Resp: 108196

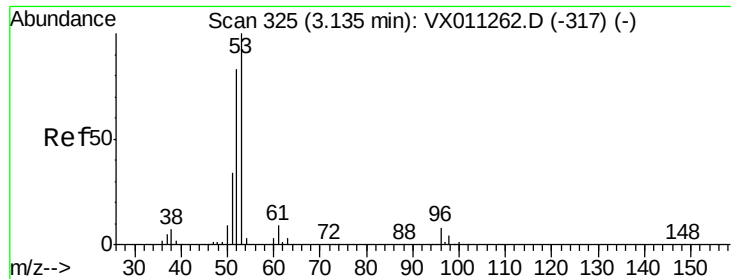
Ion Ratio Lower Upper

41 100

39 66.9 52.8 79.2

76 35.4 31.1 46.7





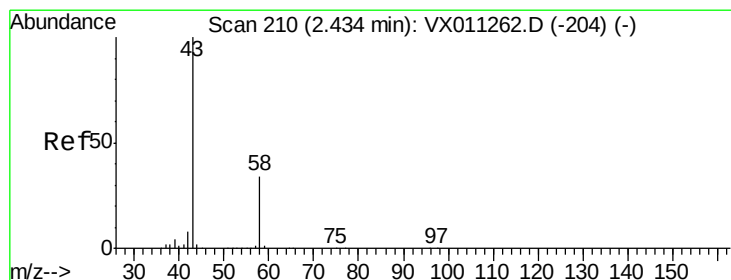
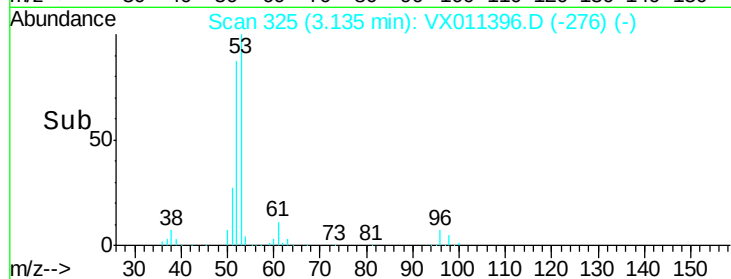
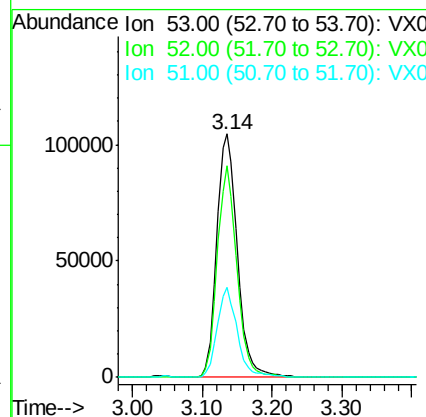
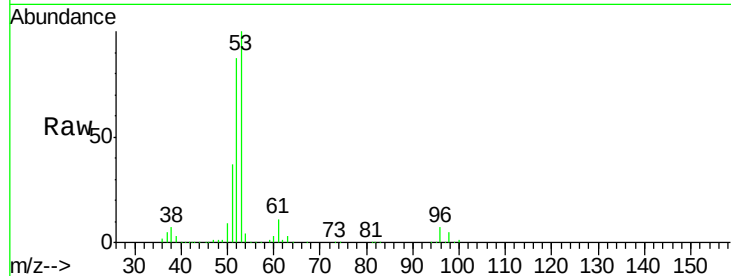
#15
 Acrylonitrile
 Concen: 263.493 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	214189
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.5	98.3
51	36.2	27.9	41.9

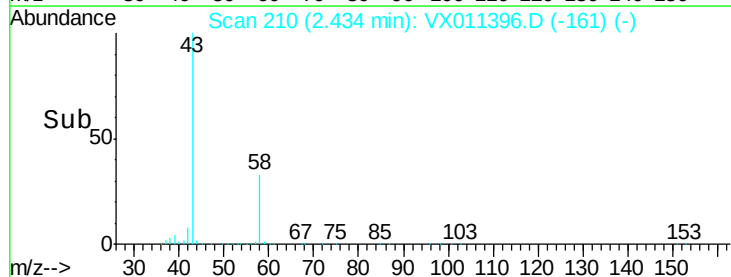
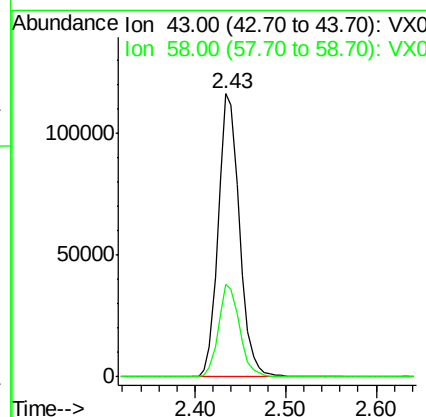
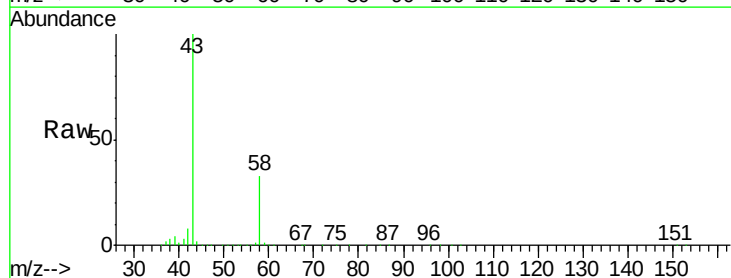
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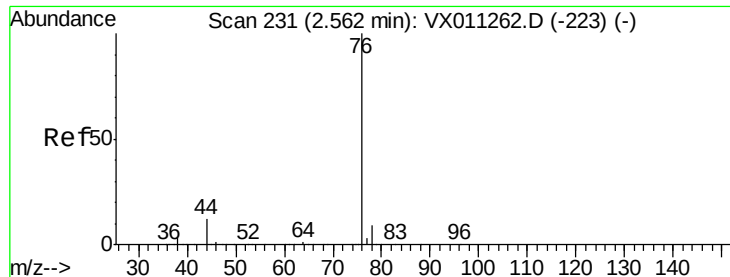
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#16
 Acetone
 Concen: 234.770 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion:	43	Resp:	190892
Ion Ratio	Lower	Upper	
43	100		
58	32.8	27.4	41.0





#17

Carbon Disulfide

Concen: 44.380 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 160732

Ion Ratio Lower Upper

76 100

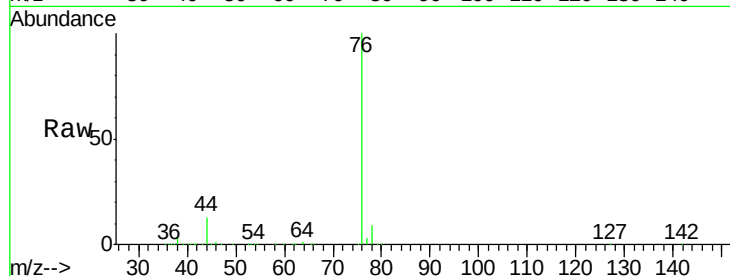
78 9.0 7.4 11.0

Manual Integrations

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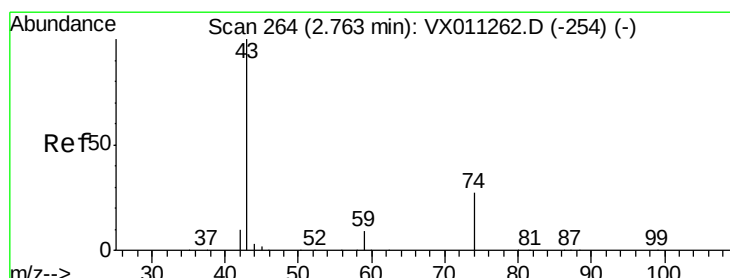
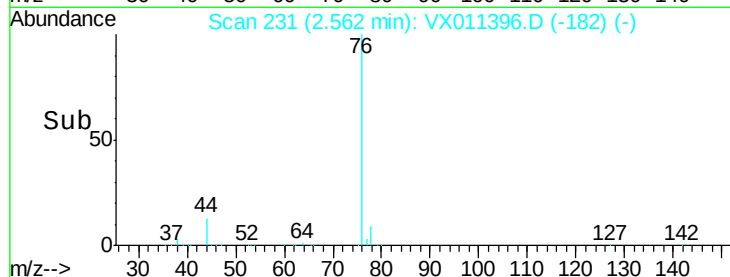
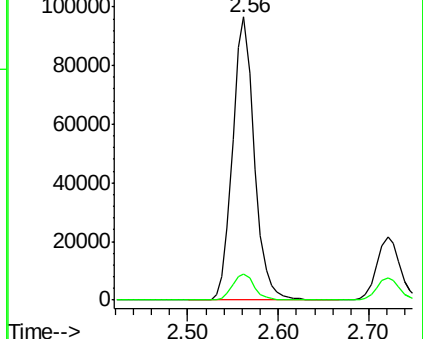
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.836 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011396.D

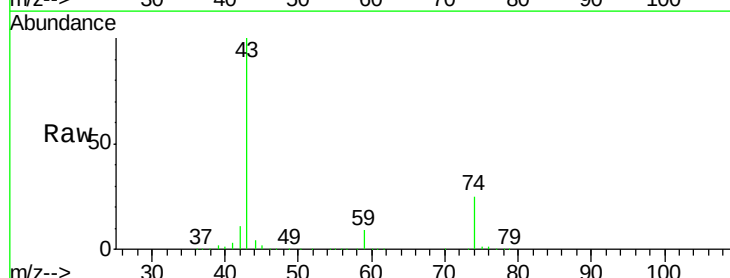
Acq: 08 Aug 2019 18:17

Tgt Ion: 43 Resp: 98177

Ion Ratio Lower Upper

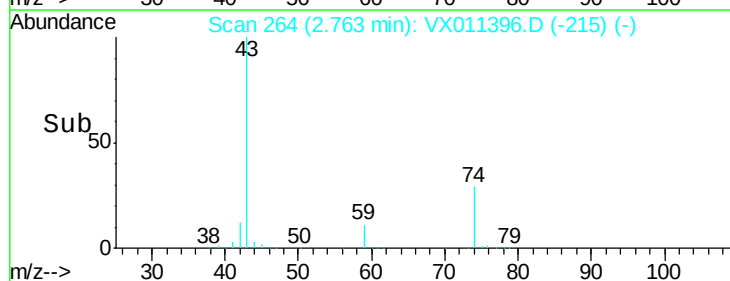
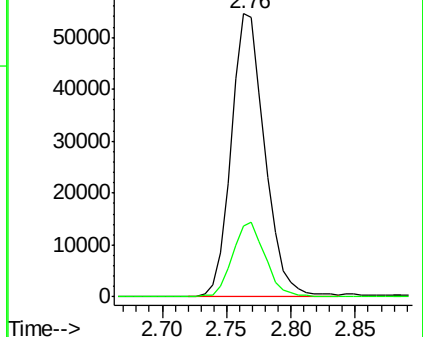
43 100

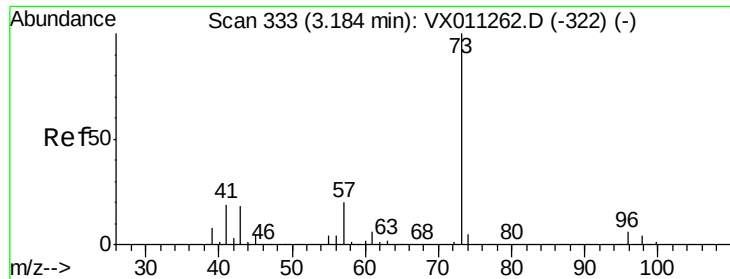
74 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





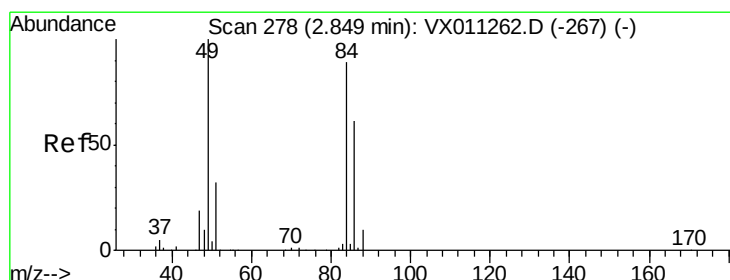
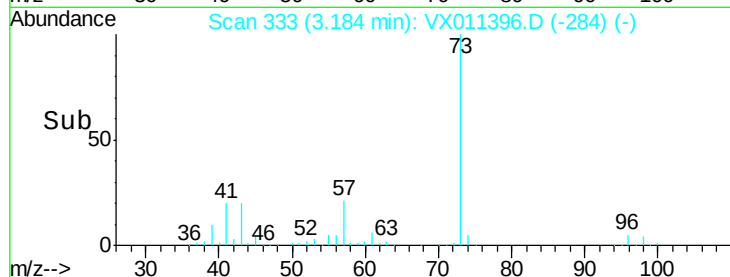
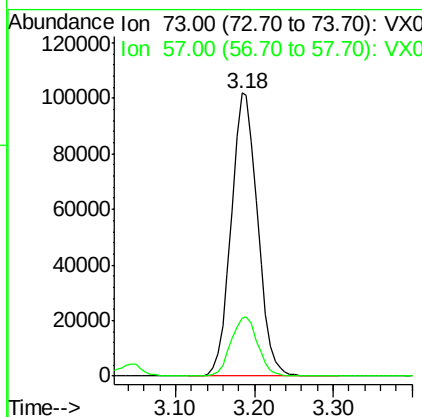
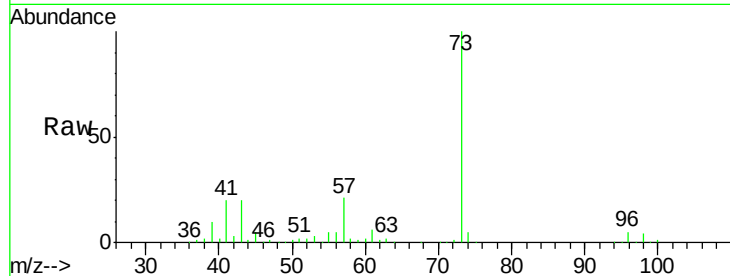
#19
Methyl tert-butyl Ether
Concen: 52.194 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.2	24.2

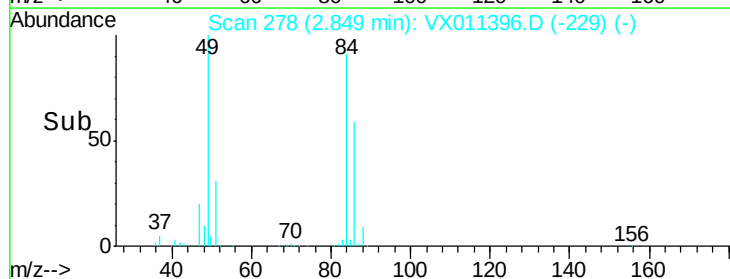
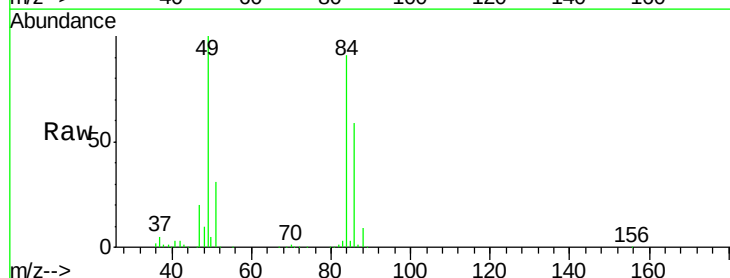
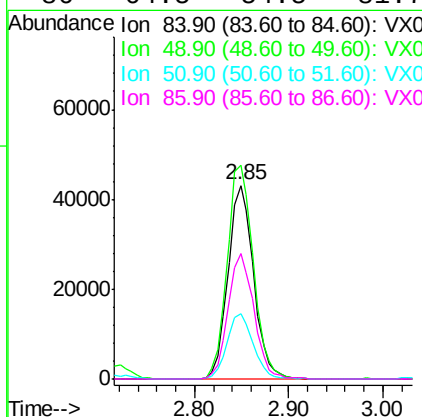
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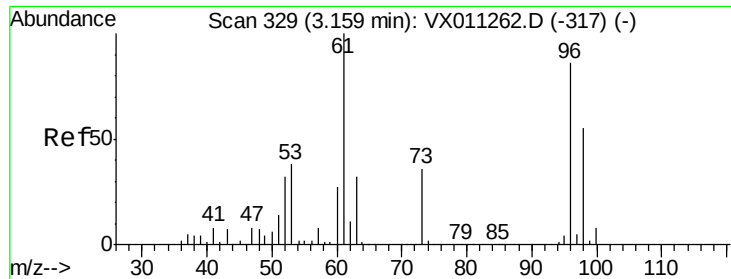
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#20
Methylene Chloride
Concen: 45.772 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.0	89.3	133.9
51	33.8	28.3	42.5
86	64.5	54.5	81.7





#21

trans-1,2-Dichloroethene

Concen: 47.007 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

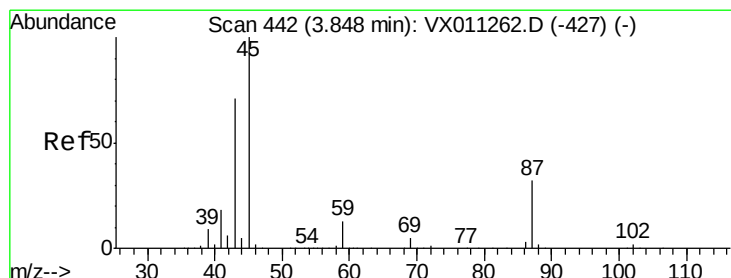
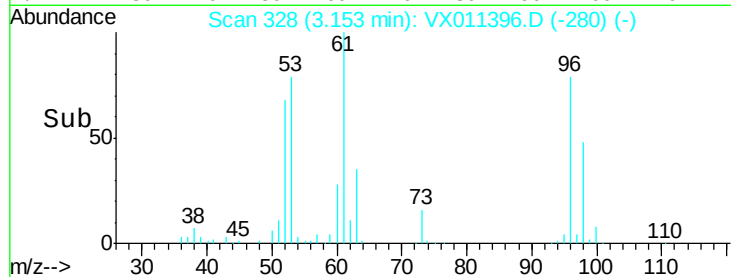
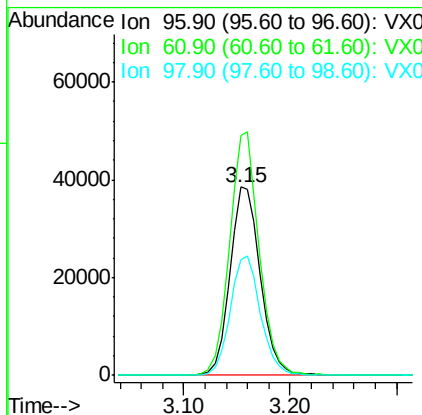
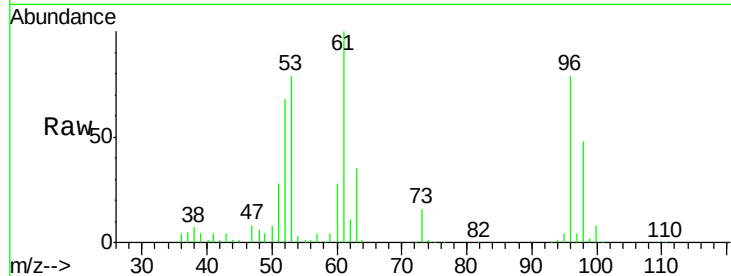
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	76743
Ion	Ratio	Lower	Upper
96	100		
61	127.0	92.8	139.2
98	61.6	51.2	76.8

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#22

Diisopropyl ether

Concen: 51.073 ug/l

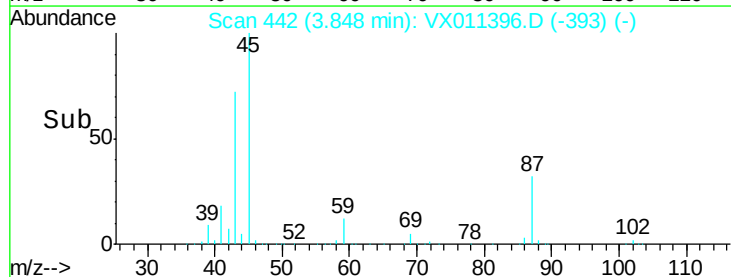
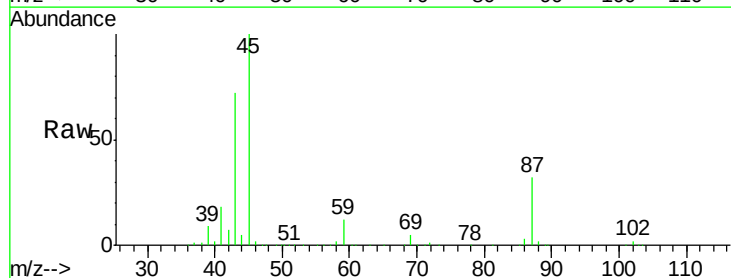
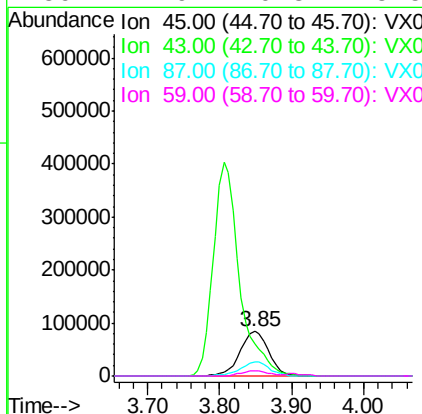
RT: 3.85 min Scan# 442

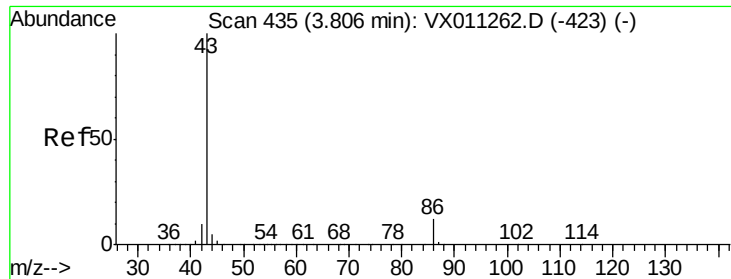
Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion:	45	Resp:	230955
Ion	Ratio	Lower	Upper
45	100		
43	71.7	56.8	85.2
87	31.6	25.8	38.6
59	11.9	10.3	15.5





#23

Vinyl Acetate

Concen: 272.784 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1023111

Ion Ratio Lower Upper

43 100

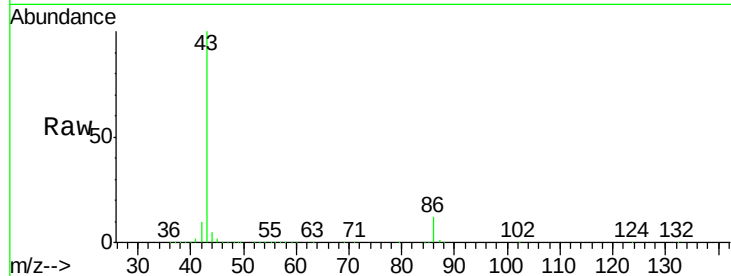
86 11.7 9.6 14.4

Manual Integrations

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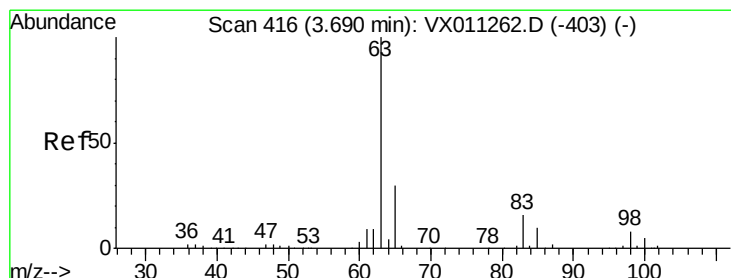
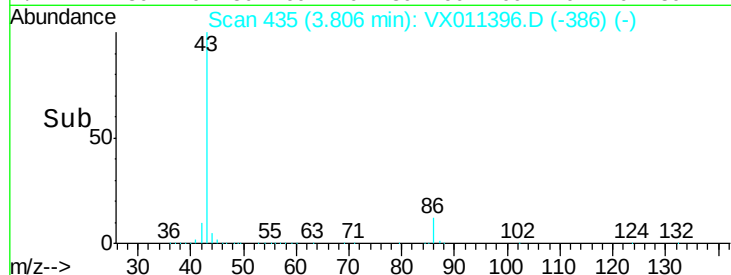
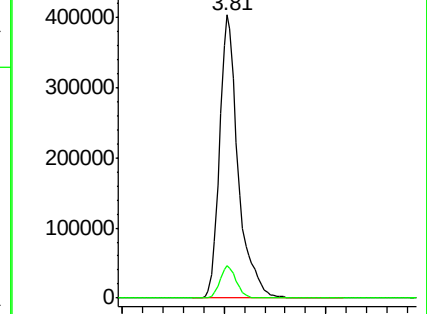
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.771 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

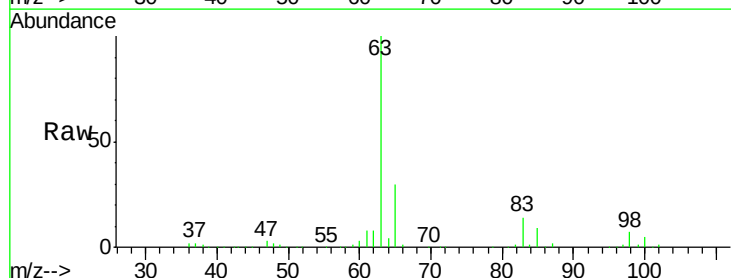
Tgt Ion: 63 Resp: 132714

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

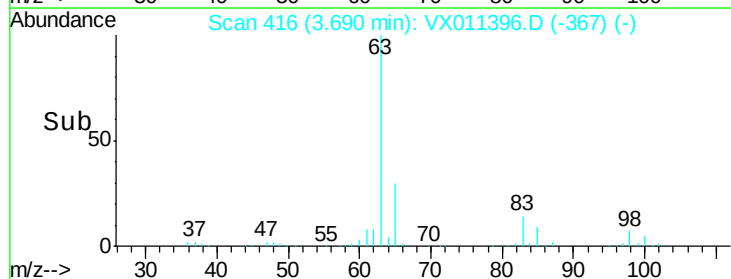
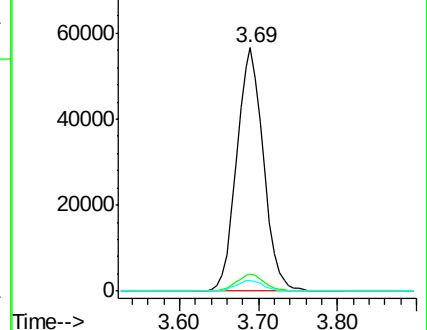
100 4.6 2.7 8.1

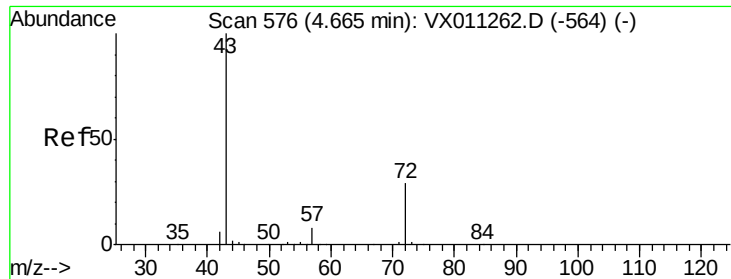


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.737 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 300421

Ion Ratio Lower Upper

43 100

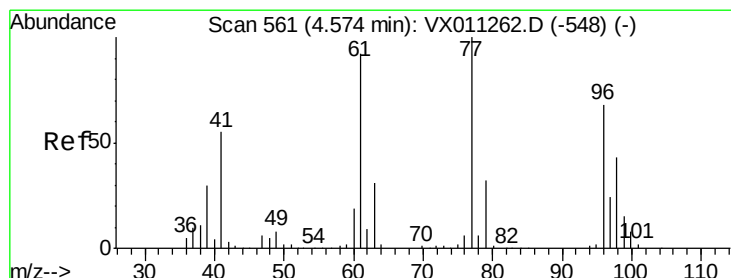
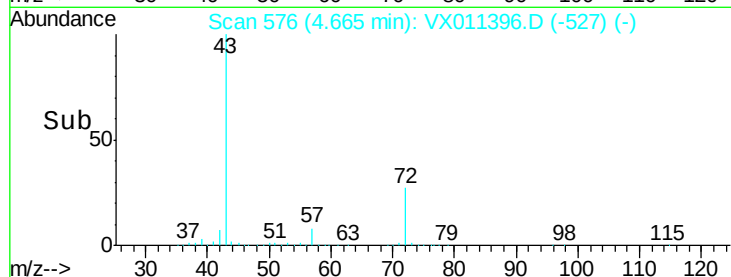
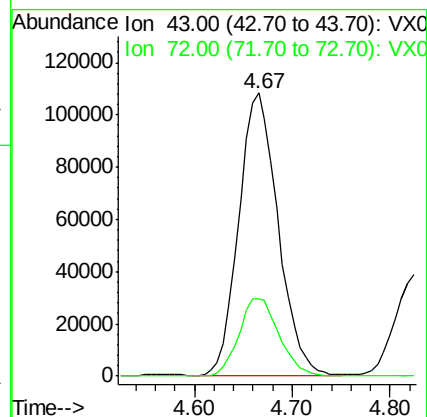
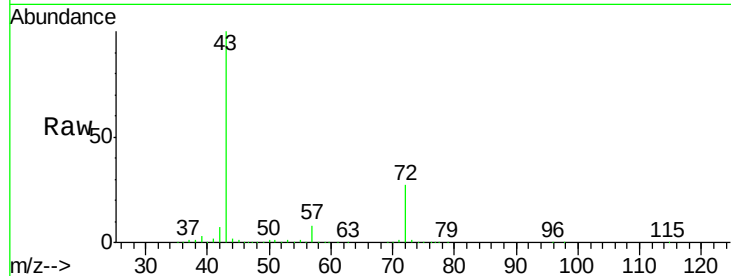
72 26.9 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.359 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011396.D

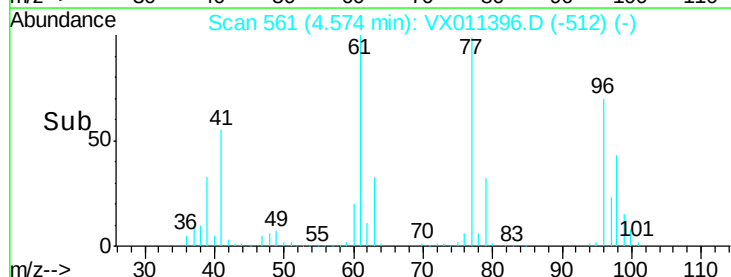
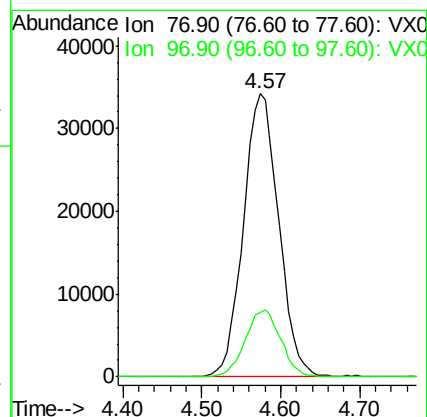
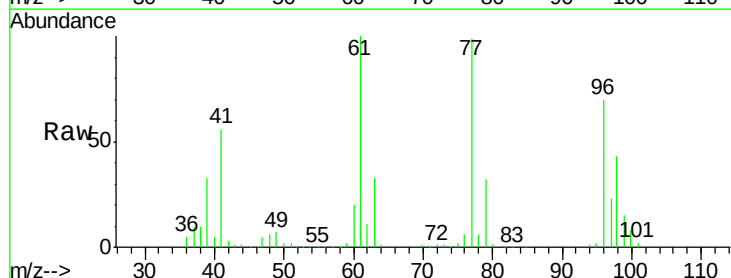
Acq: 08 Aug 2019 18:17

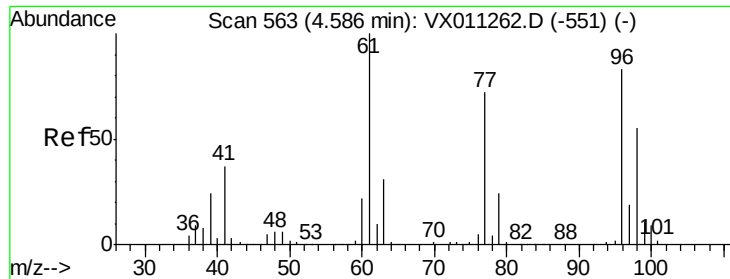
Tgt Ion: 77 Resp: 106457

Ion Ratio Lower Upper

77 100

97 23.9 12.8 38.4





#27

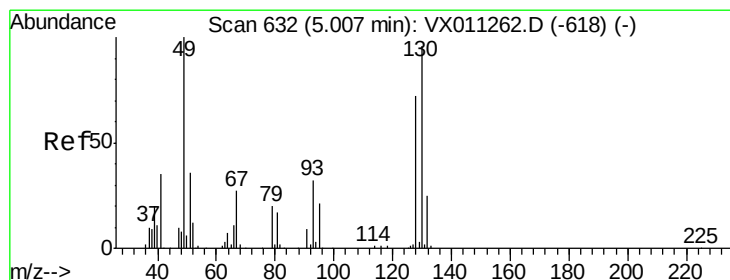
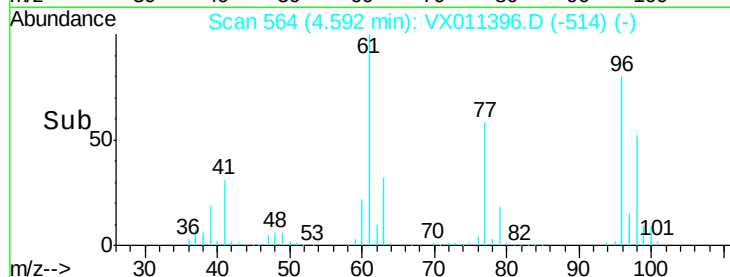
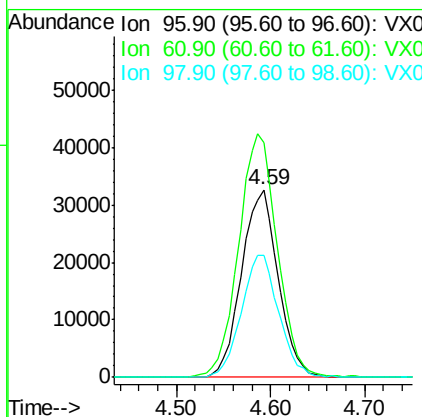
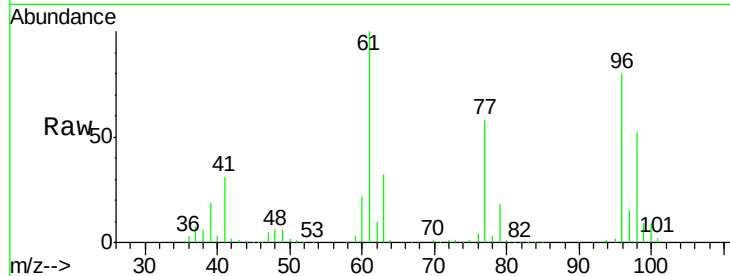
cis-1,2-Dichloroethene
Concen: 47.379 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	136.8	0.0	260.2	
98	66.4	0.0	133.2	

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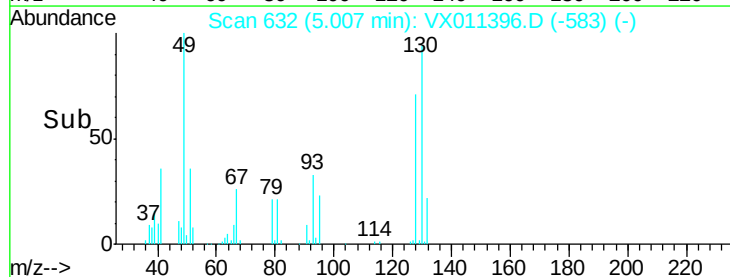
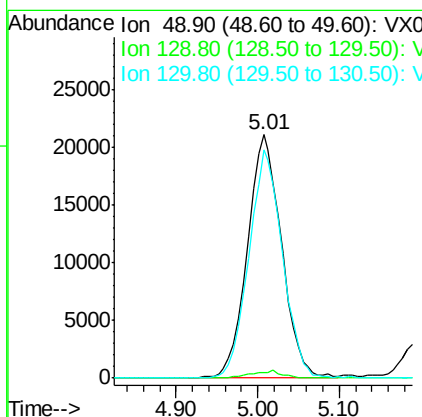
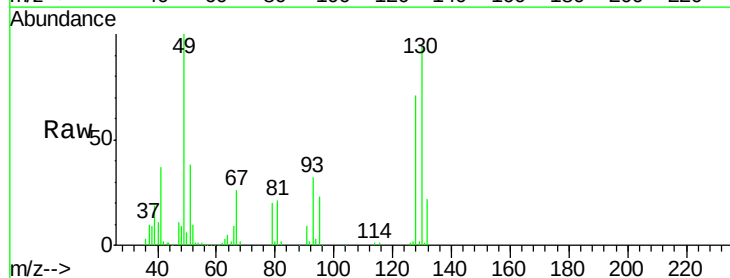
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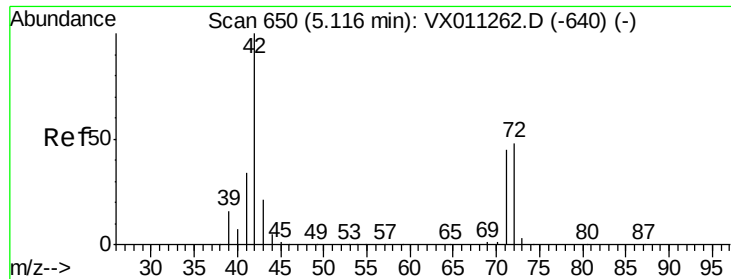


#28

Bromochloromethane
Concen: 50.636 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.8	
130	92.1	77.9	116.9	





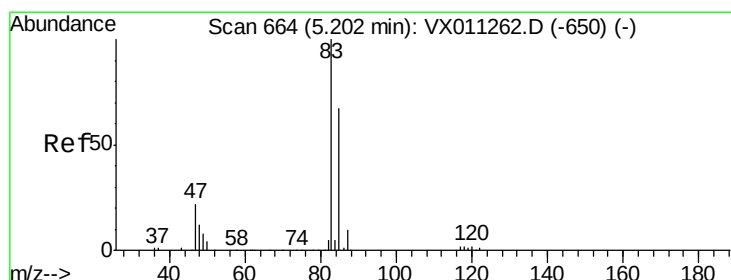
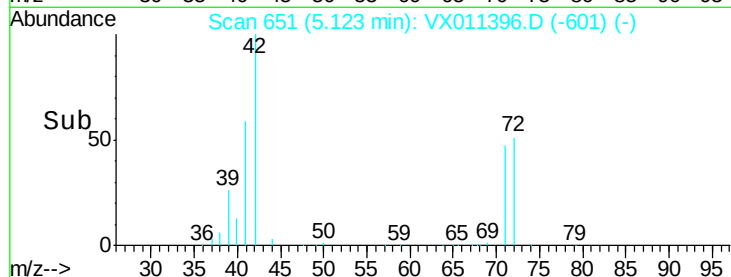
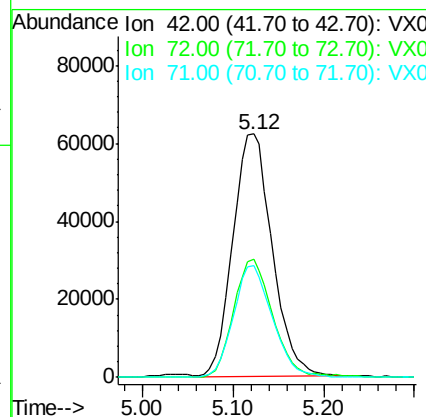
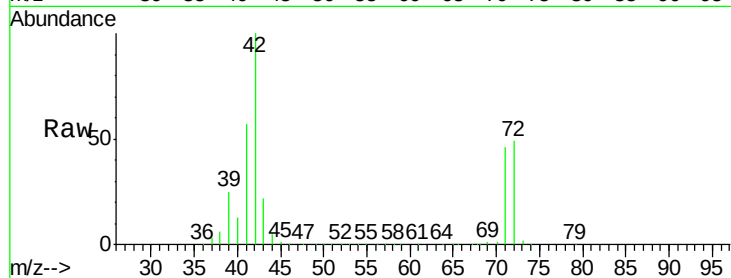
#29
Tetrahydrofuran
Concen: 264.645 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.9	59.9
71	45.6	36.9	55.3

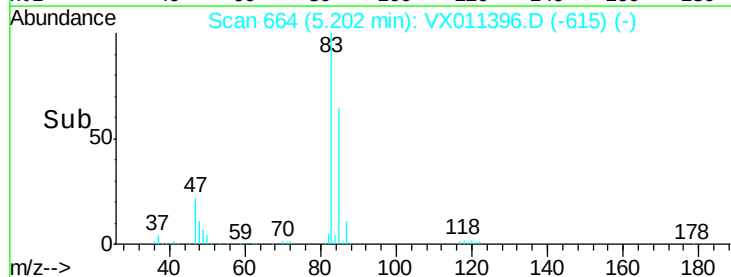
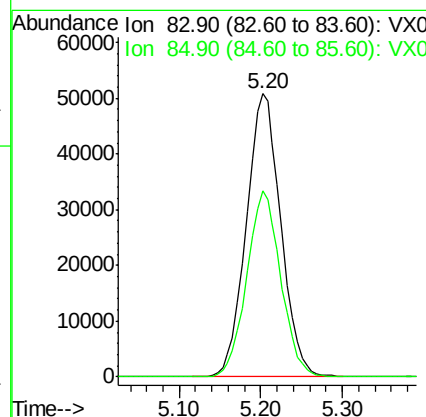
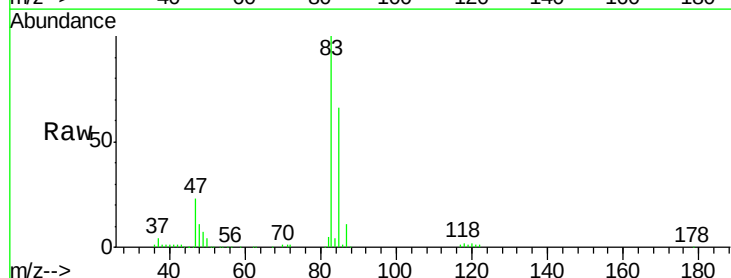
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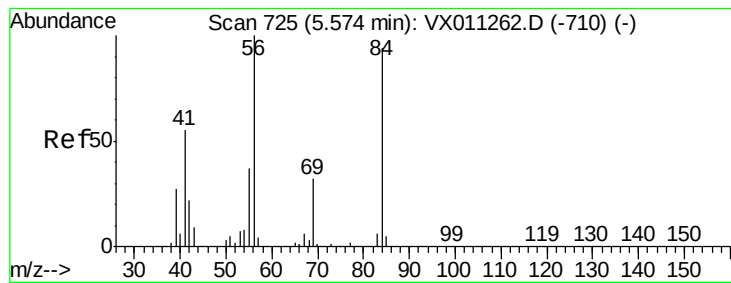
MMDadoda
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#30
Chloroform
Concen: 51.483 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.4	80.0





#31

Cyclohexane

Concen: 46.792 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

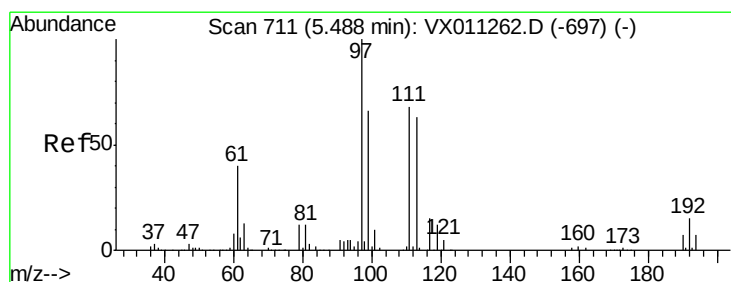
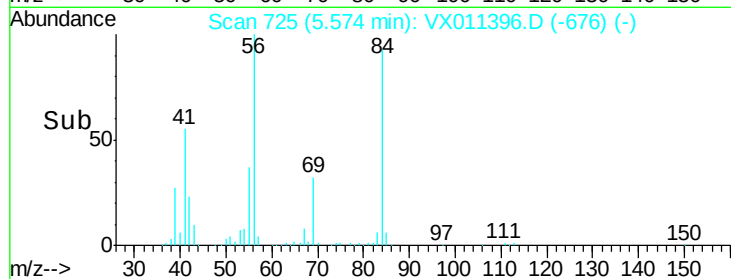
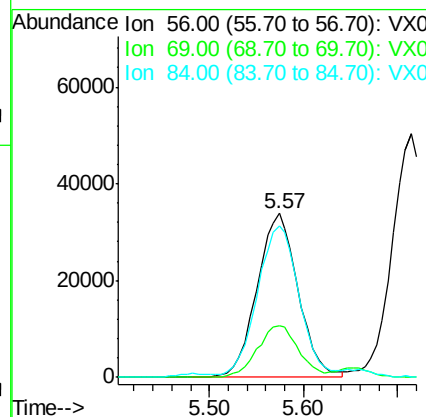
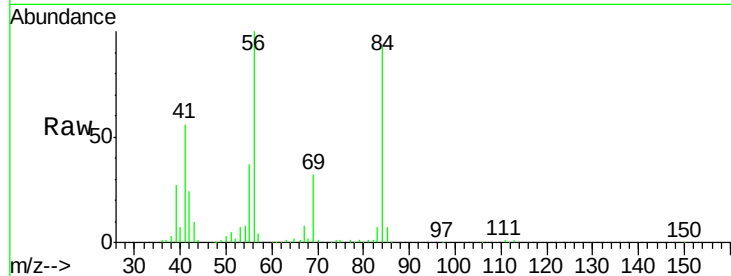
VSTDCCC050EC

Tot Ion: 56 Resp: 102938

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.5	38.3
84	90.1	75.0	112.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.431 ug/l

RT: 5.49 min Scan# 711

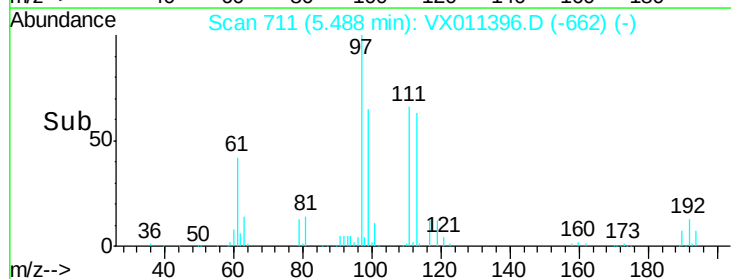
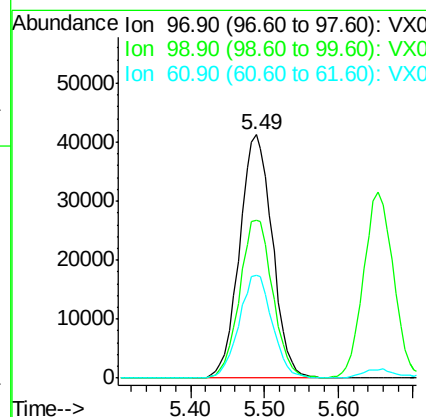
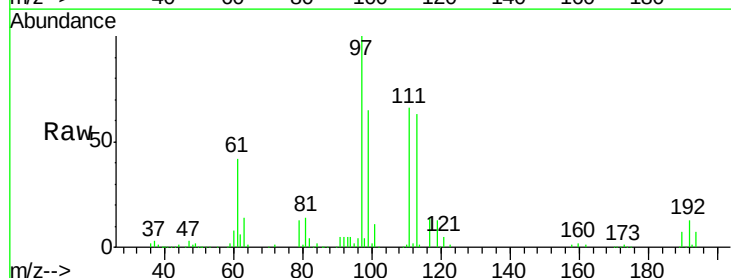
Delta R.T. 0.00 min

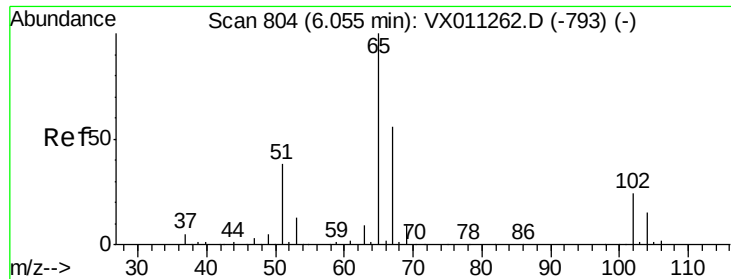
Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion: 97 Resp: 127684

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	42.6	32.3	48.5





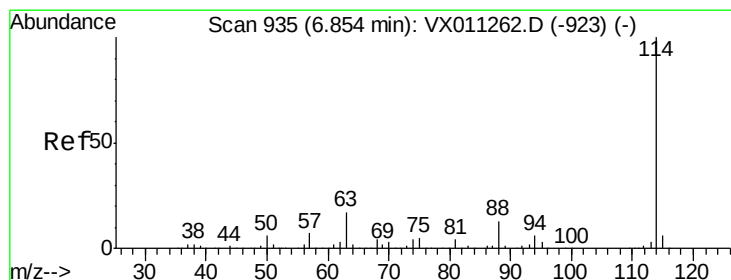
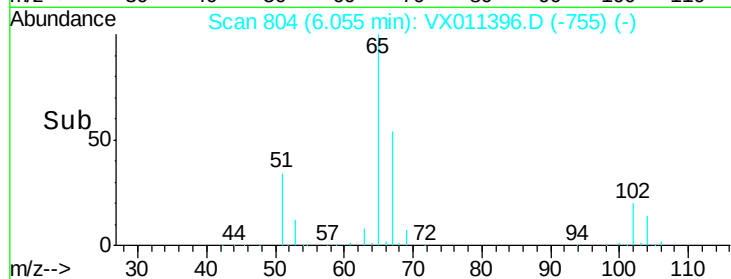
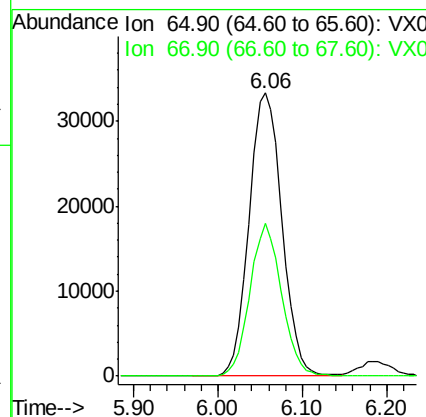
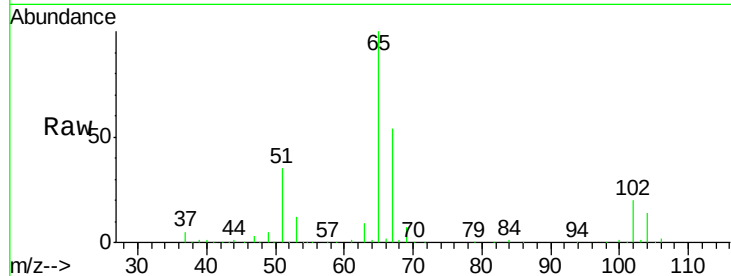
#33
 1,2-Dichloroethane-d4
 Concen: 51.690 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	110.6

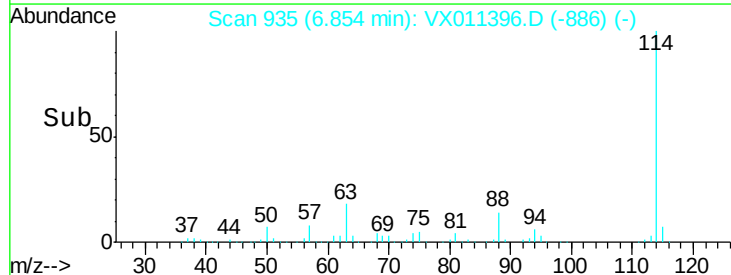
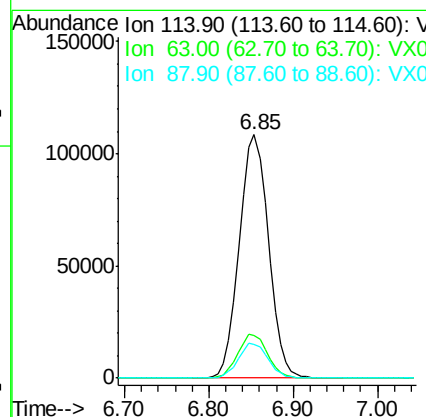
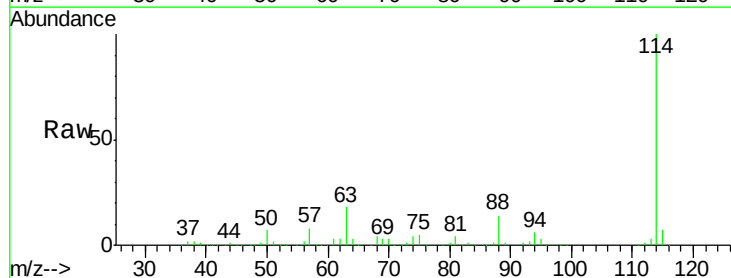
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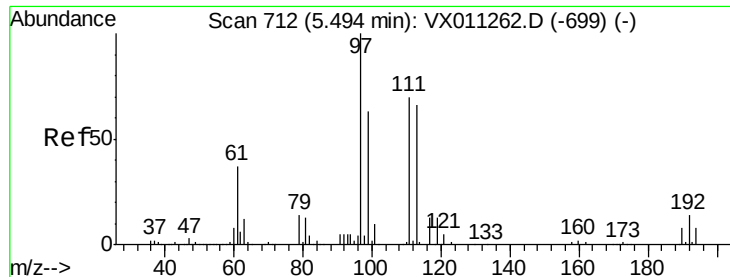
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.0
88	14.0	0.0	26.4





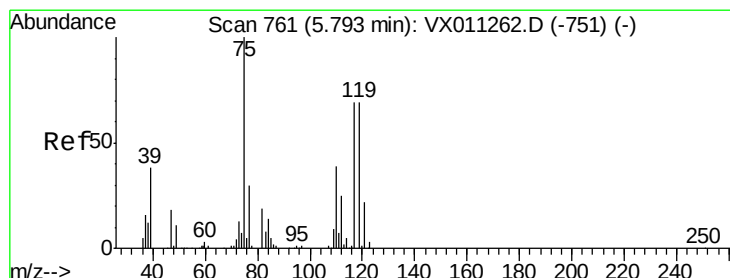
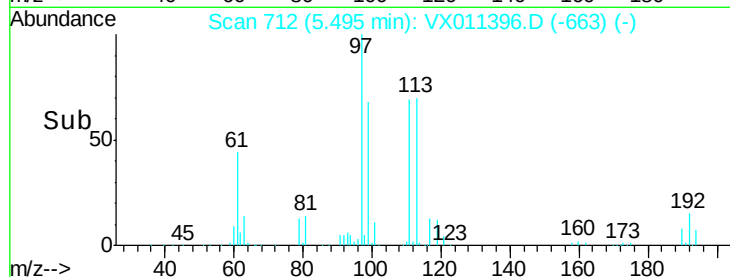
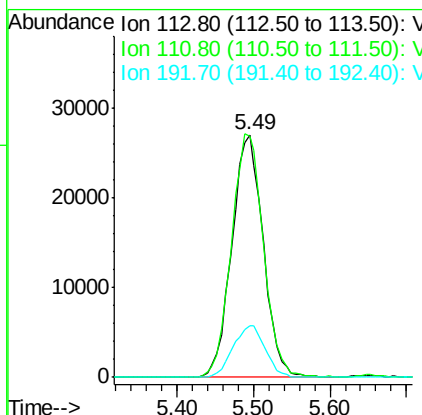
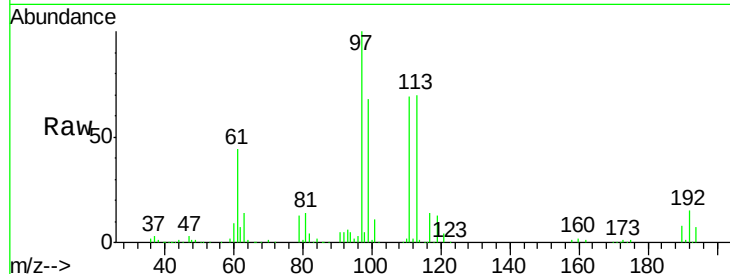
#35
 Dibromofluoromethane
 Concen: 46.147 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	76845		
111	102.4		81.9	122.9
192	21.9		17.8	26.8

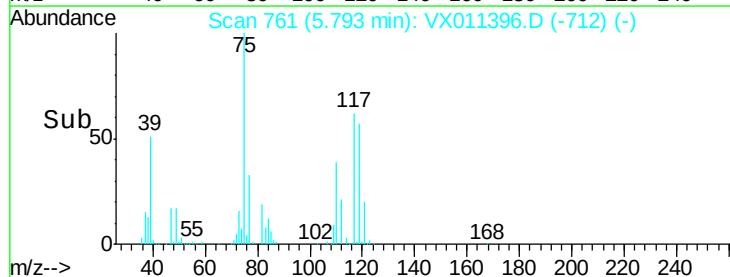
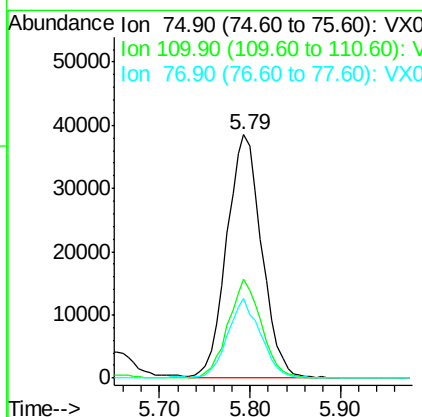
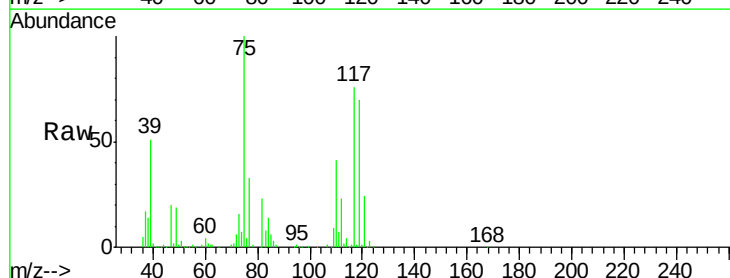
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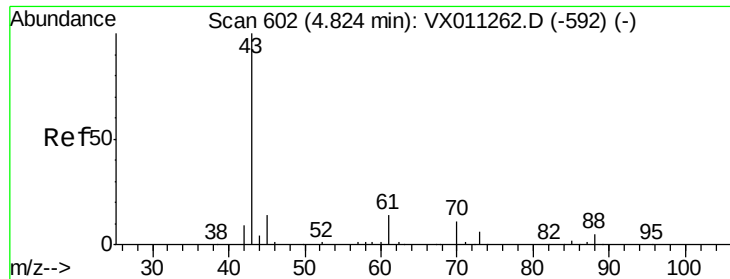
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#36
 1,1-Dichloropropene
 Concen: 45.989 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102413		
110	39.0		20.0	59.9
77	30.5		24.8	37.2





#37

Ethyl Acetate

Concen: 50.742 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

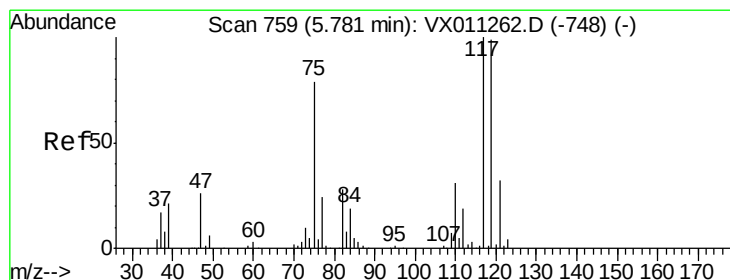
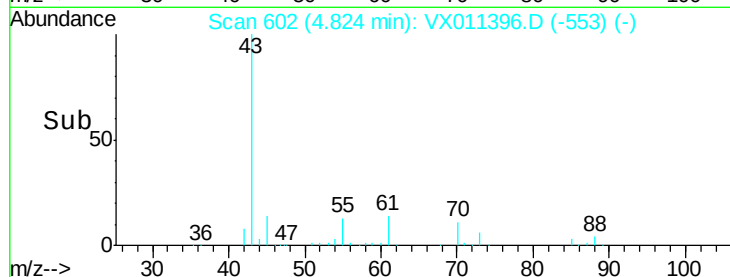
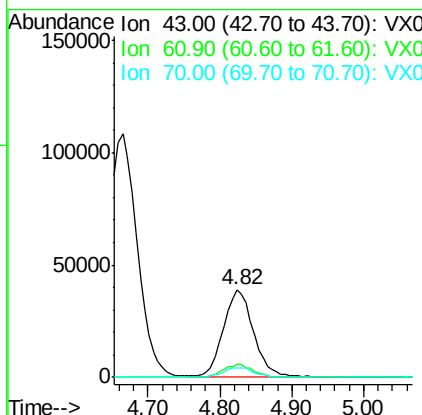
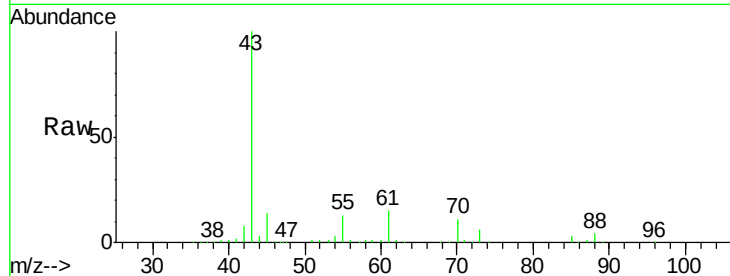
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	113345
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.6	18.8
70	11.6	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 50.432 ug/l

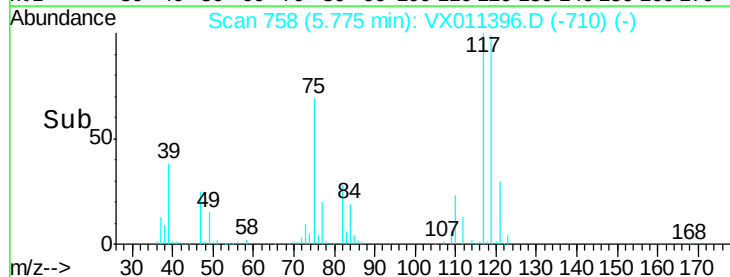
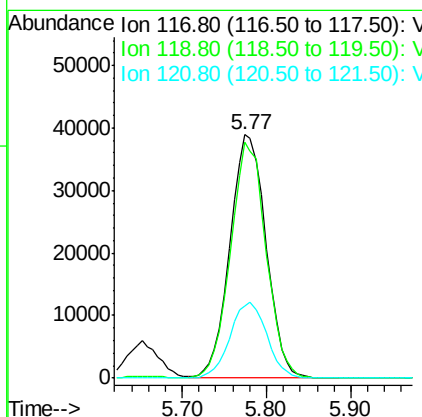
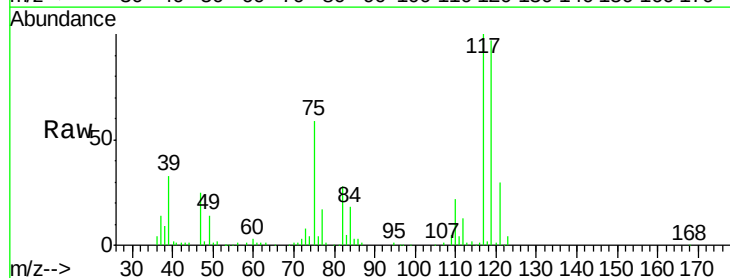
RT: 5.77 min Scan# 758

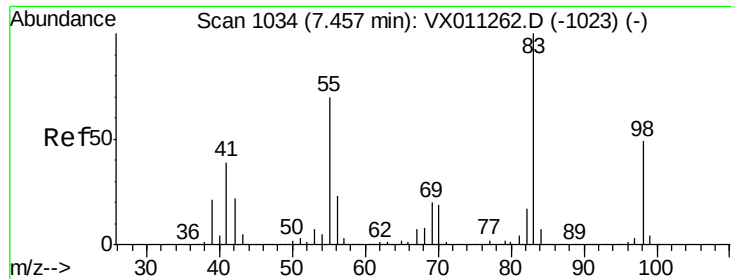
Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion:	117	Resp:	112989
Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.0	118.4
121	29.8	25.9	38.9





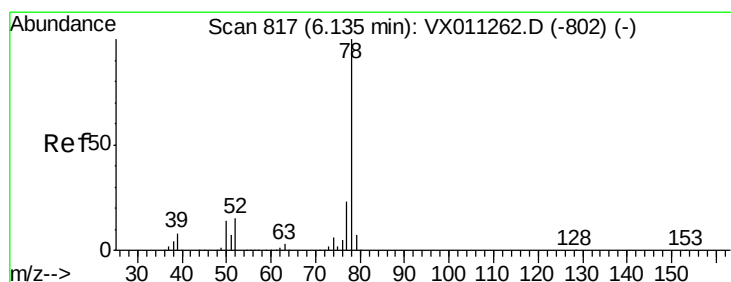
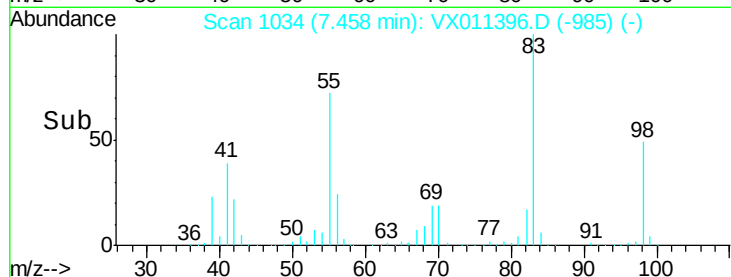
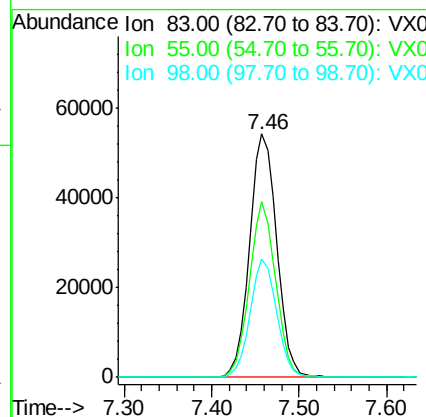
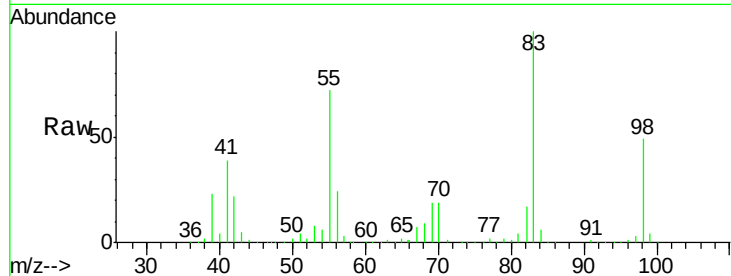
#39
Methylvlcyclohexane
Concen: 44.194 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	116657
Ion Ratio	Lower	Upper	
83	100		
55	72.2	56.1	84.1
98	48.8	39.0	58.4

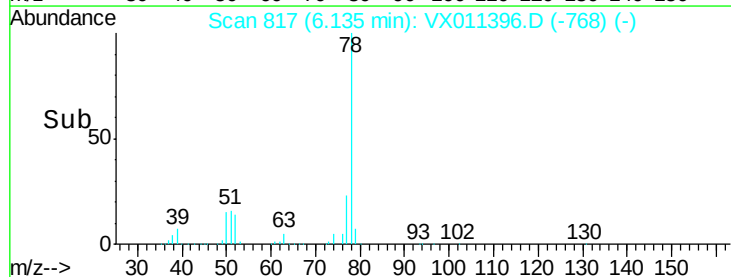
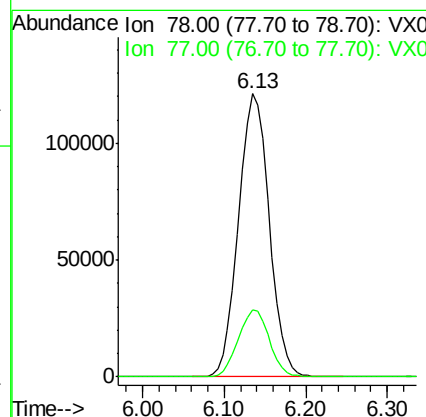
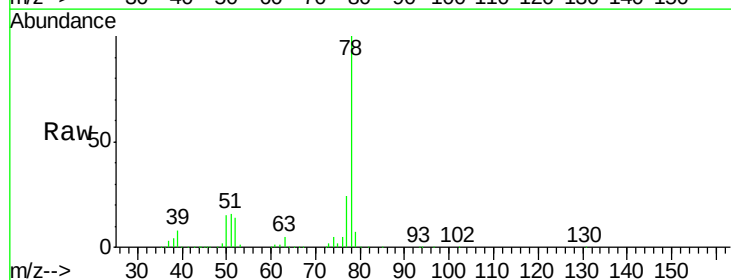
Manual Integrations
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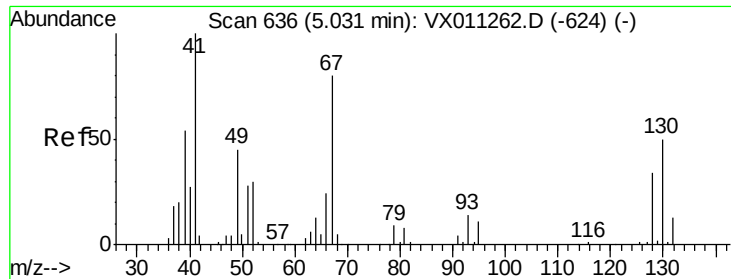
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#40
Benzene
Concen: 47.598 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	78	Resp	316301
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.2	27.2





#41

Methacrylonitrile

Concen: 50.312 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

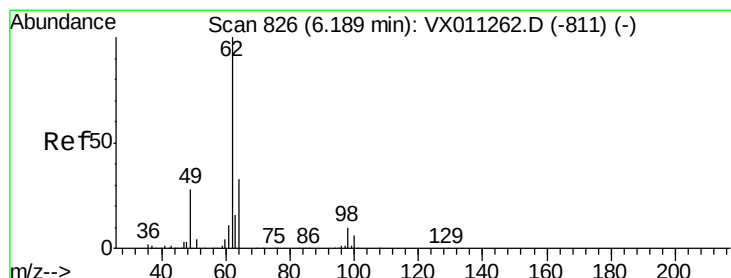
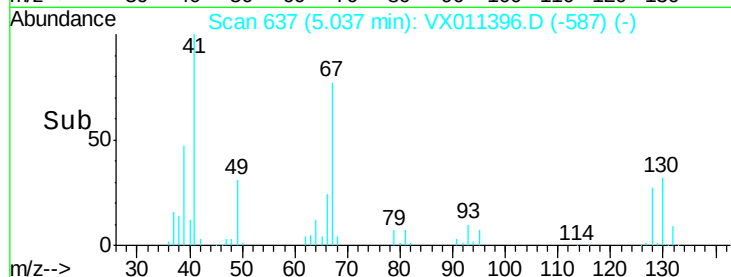
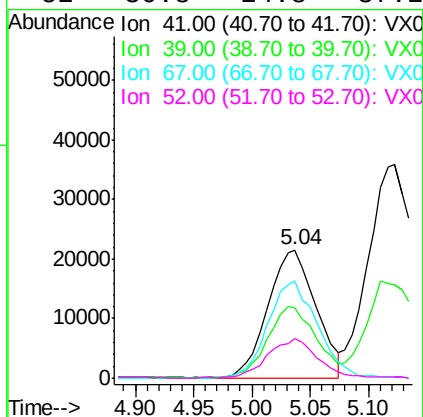
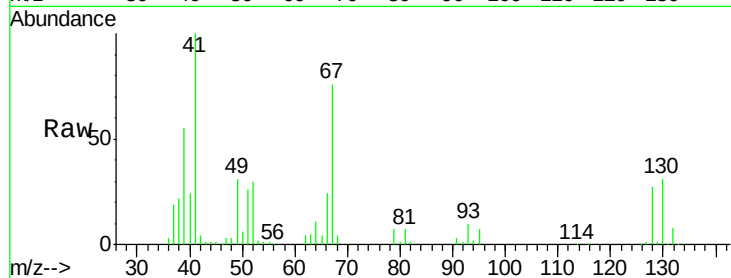
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	43.0	64.6	
67	79.0	65.1	97.7	
52	30.8	24.8	37.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.774 ug/l

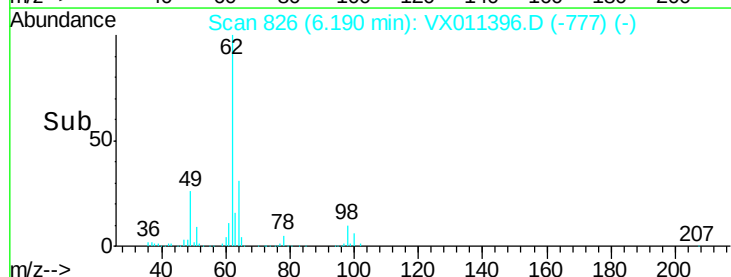
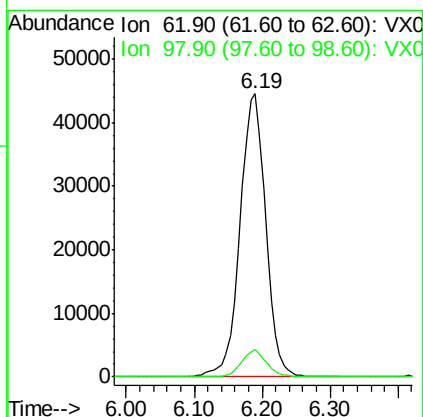
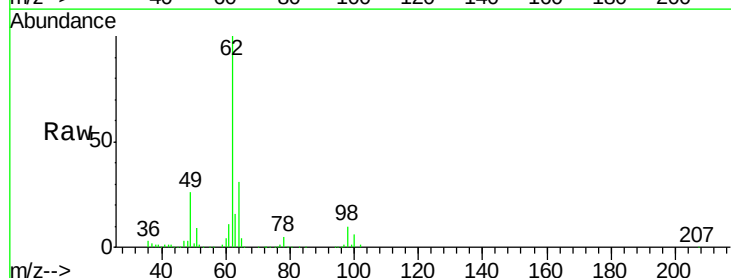
RT: 6.19 min Scan# 826

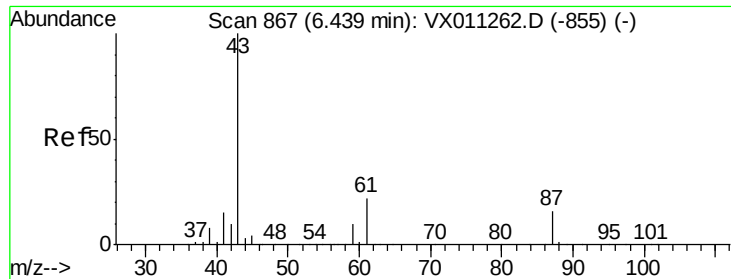
Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	20.6	





#43

Isopropyl Acetate

Concen: 50.519 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

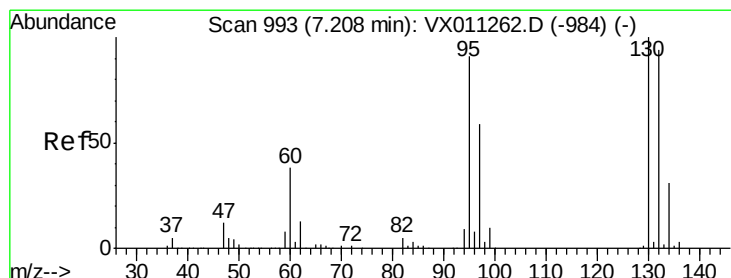
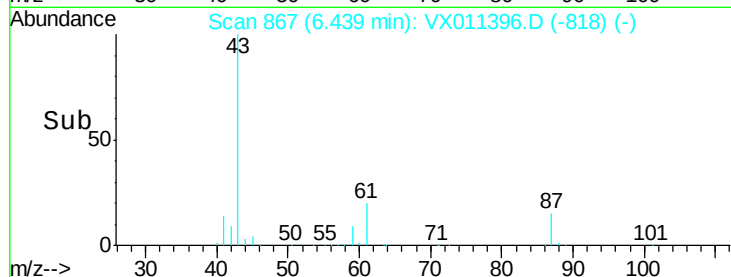
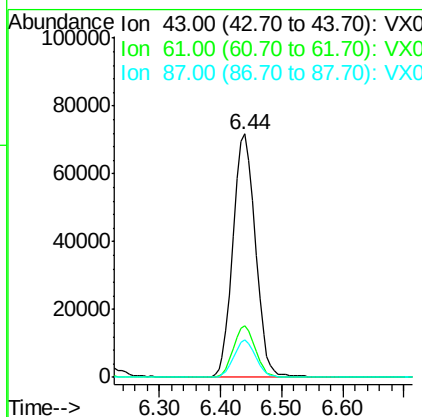
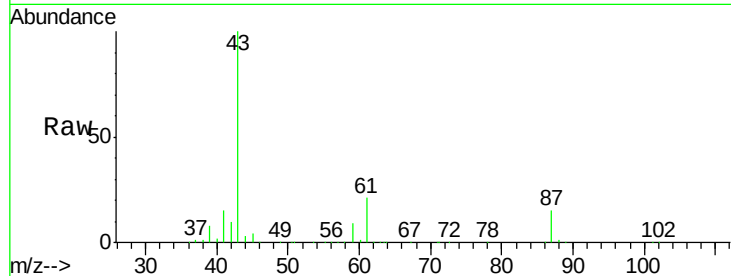
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	180417
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.5	24.7
87	14.9	12.1	18.1

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#44

Trichloroethene

Concen: 45.826 ug/l

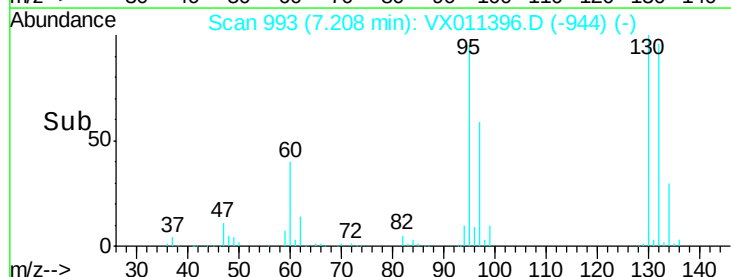
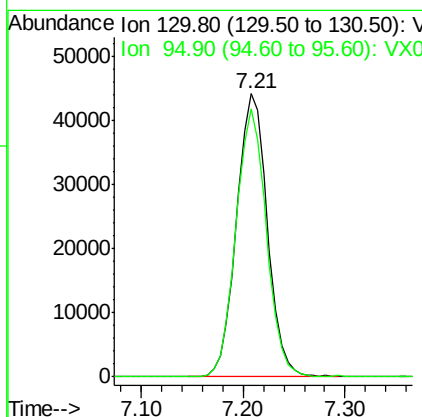
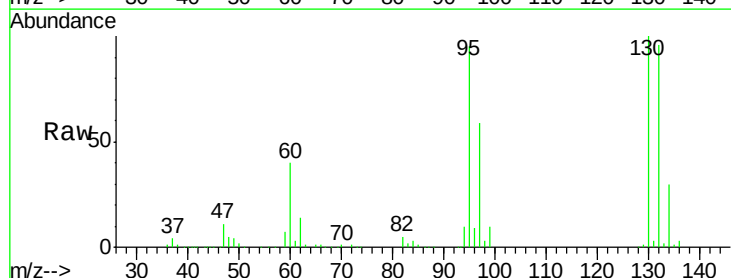
RT: 7.21 min Scan# 993

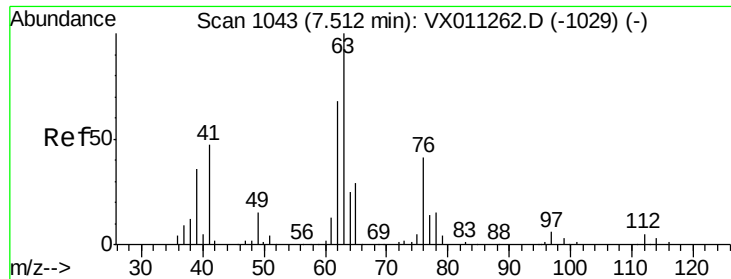
Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion:	130	Resp:	92177
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	182.6





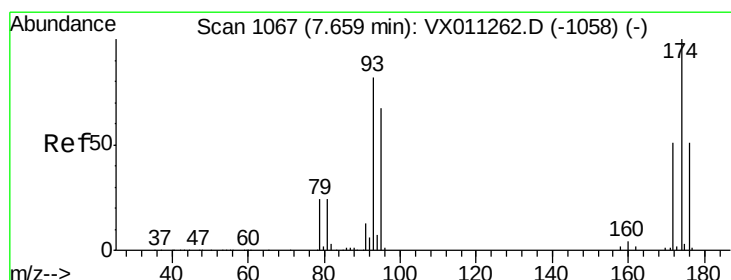
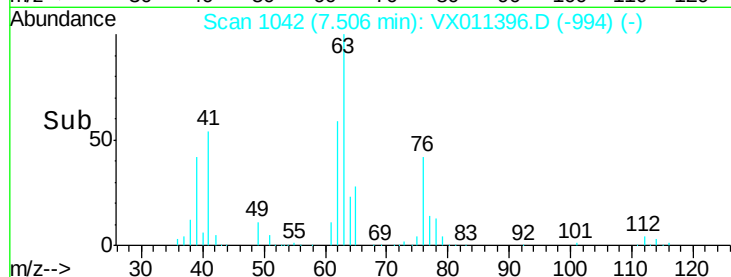
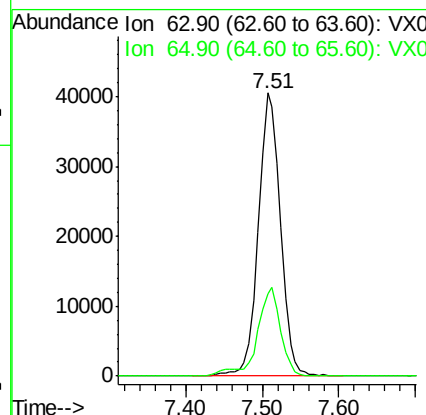
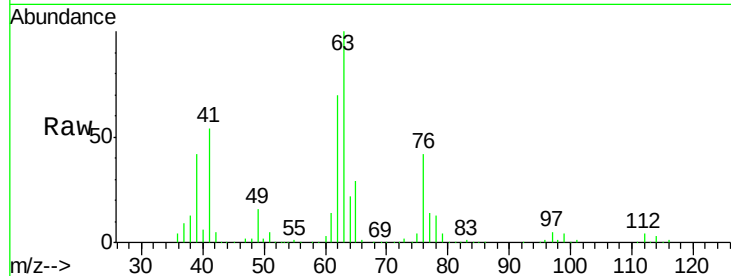
#45
 1,2-Dichloropropane
 Concen: 47.785 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 82239
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.3 34.9

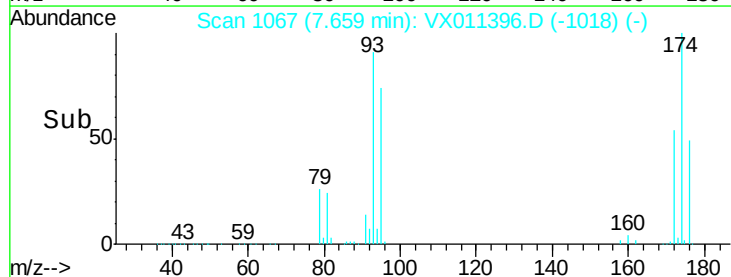
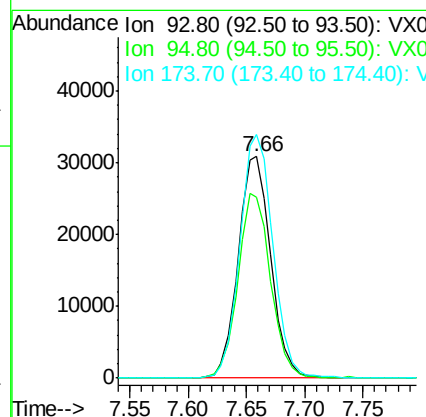
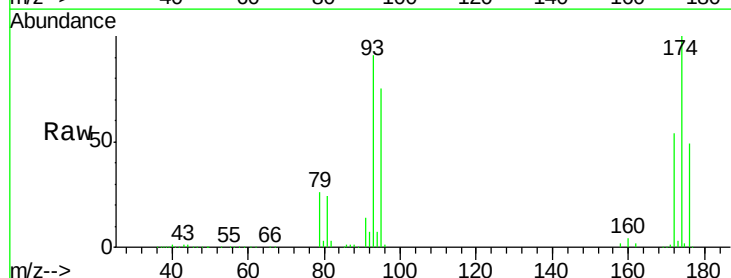
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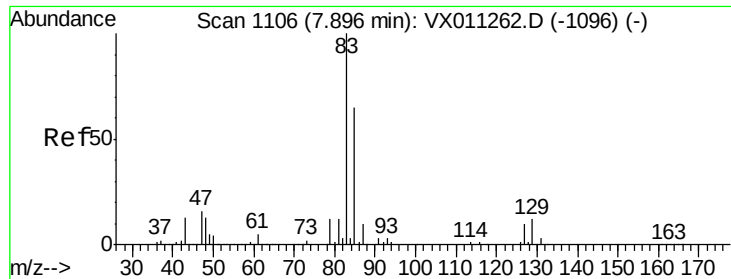
MMDadoda
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#46
 Dibromomethane
 Concen: 47.925 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 93 Resp: 60212
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 111.6 93.4 140.2





#47

Bromodichloromethane

Concen: 52.276 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

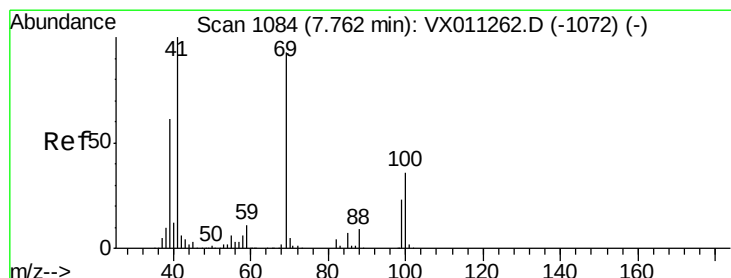
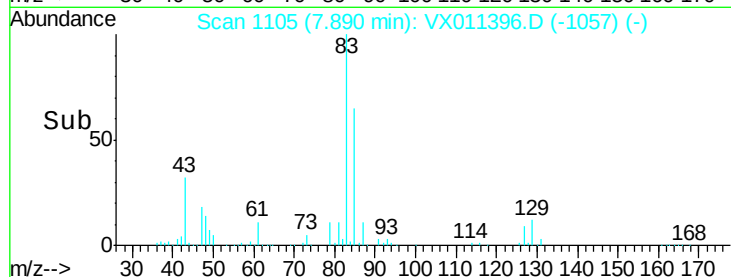
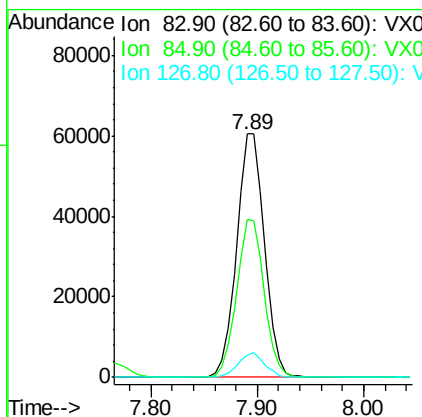
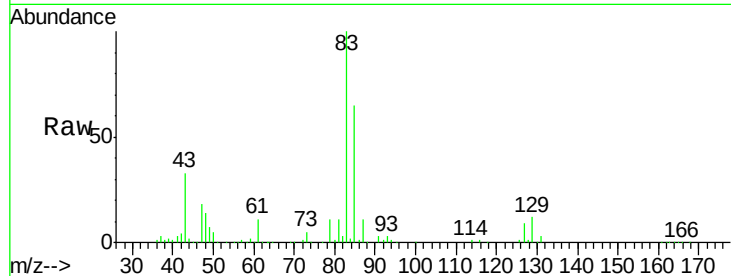
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	111198
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.2
127	9.2	7.8	11.8

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#48

Methyl methacrylate

Concen: 53.011 ug/l

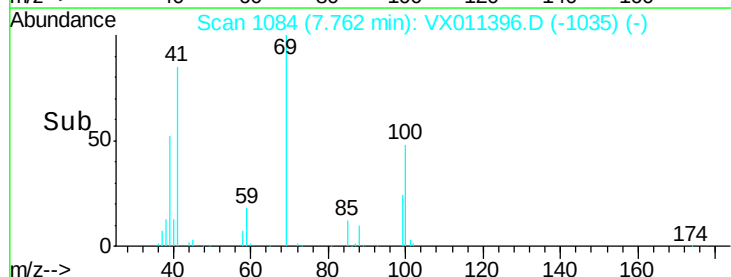
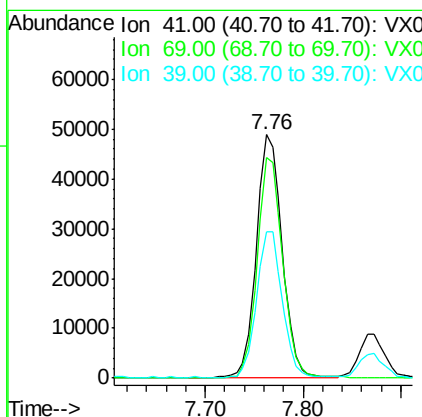
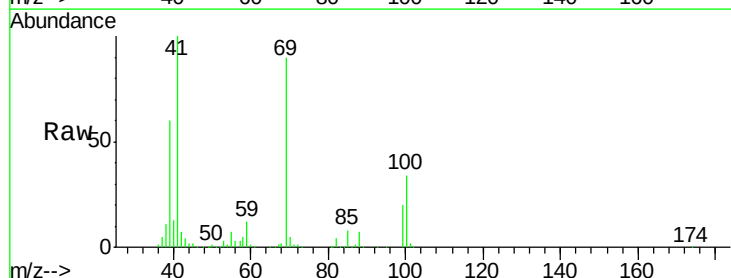
RT: 7.76 min Scan# 1084

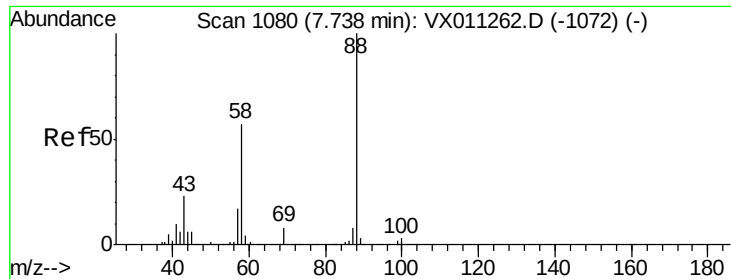
Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion:	41	Resp:	89096
Ion	Ratio	Lower	Upper
41	100		
69	89.9	74.5	111.7
39	59.8	48.6	72.8





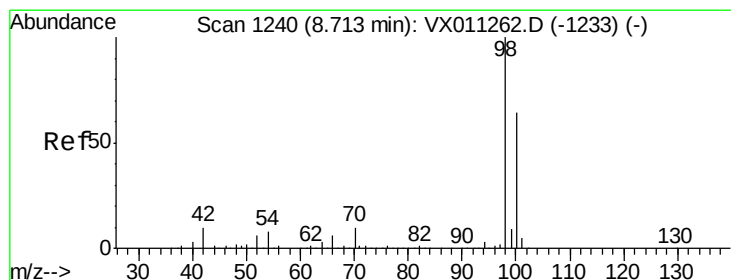
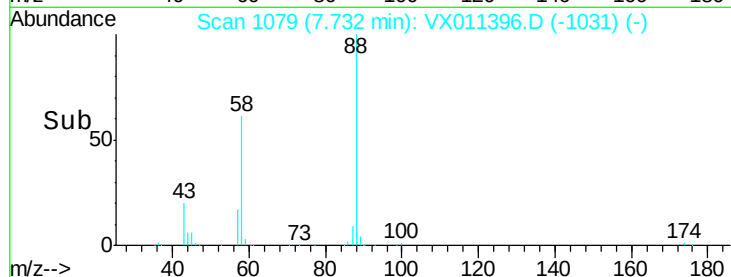
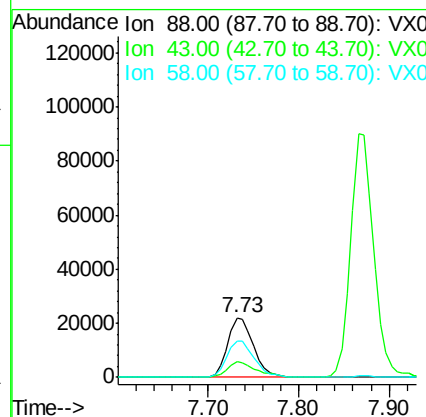
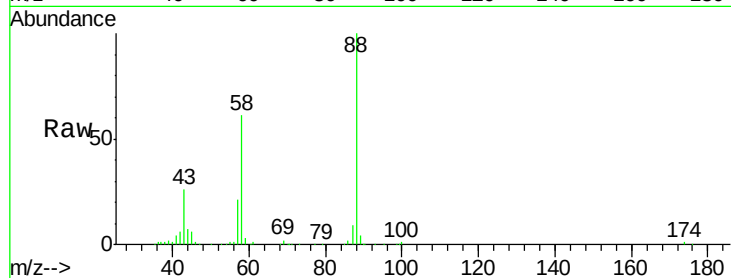
#49
1,4-Dioxane
Concen: 903.319 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.2	33.2
58	65.6	47.8	71.8

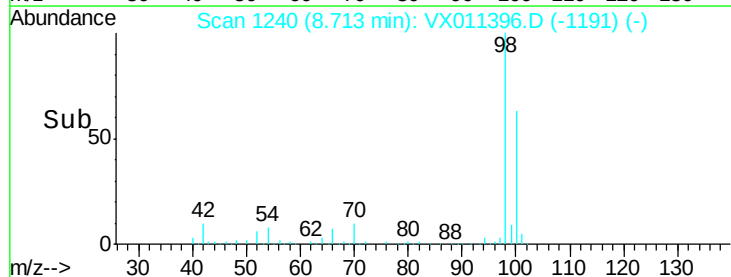
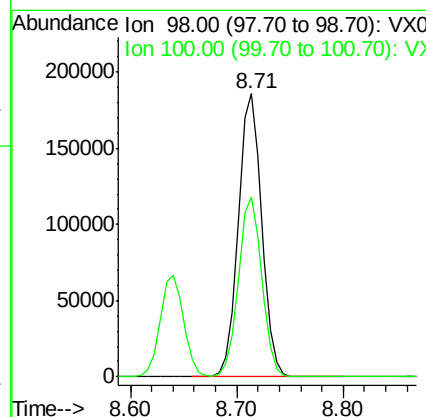
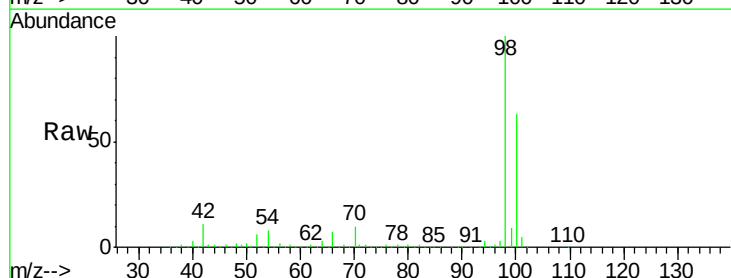
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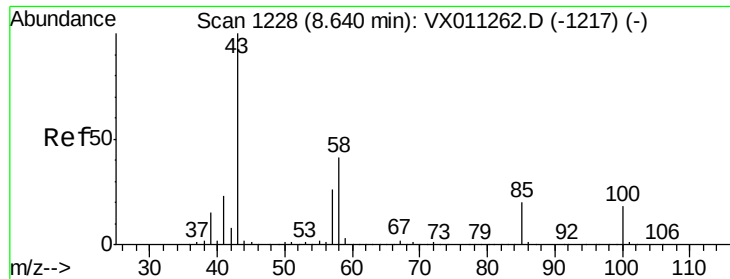
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#50
Toluene-d8
Concen: 45.610 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 268.440 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 618692

Ion Ratio Lower Upper

43 100

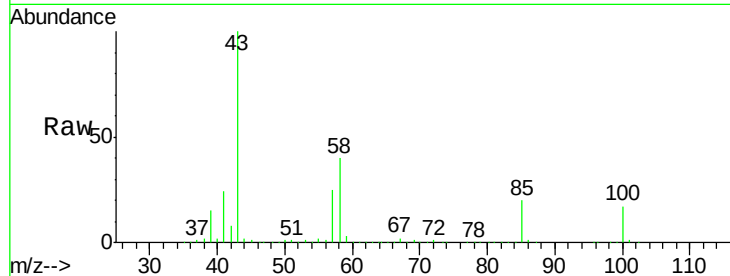
58 39.8 32.3 48.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

400000

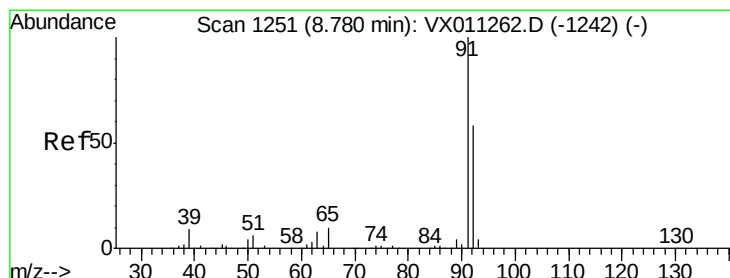
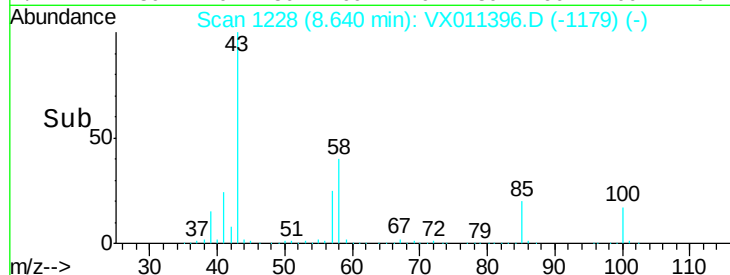
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.804 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011396.D

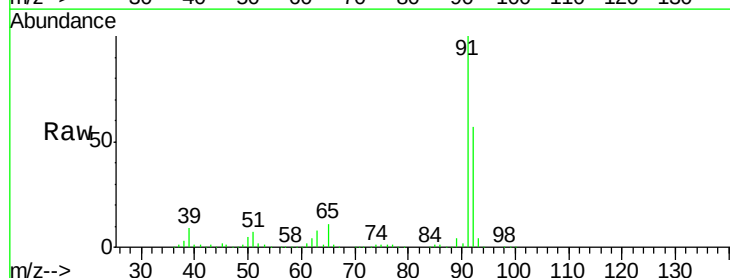
Acq: 08 Aug 2019 18:17

Tgt Ion: 92 Resp: 210033

Ion Ratio Lower Upper

92 100

91 176.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

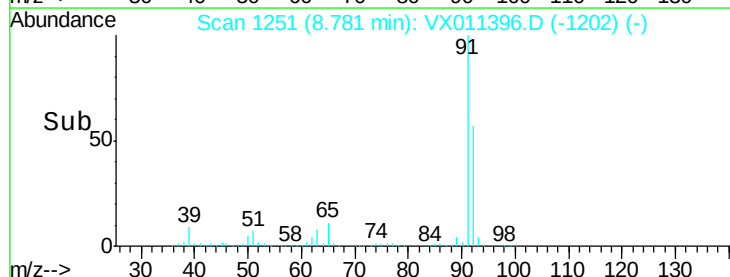
150000

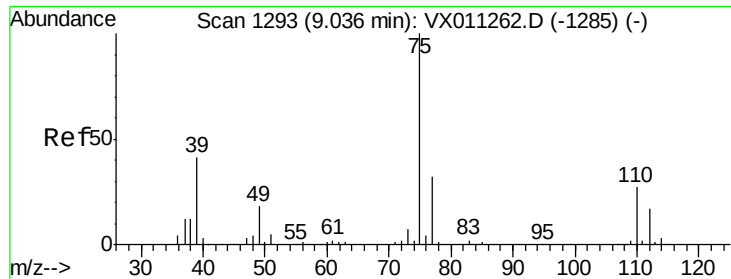
100000

50000

0

Time-->





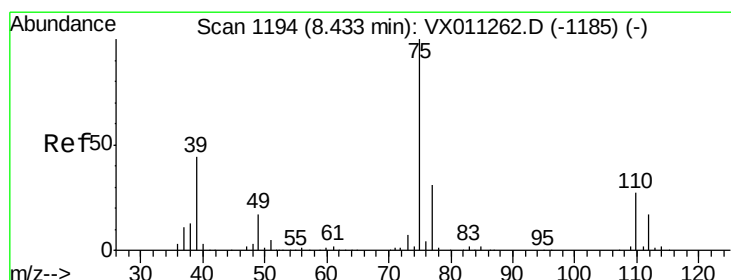
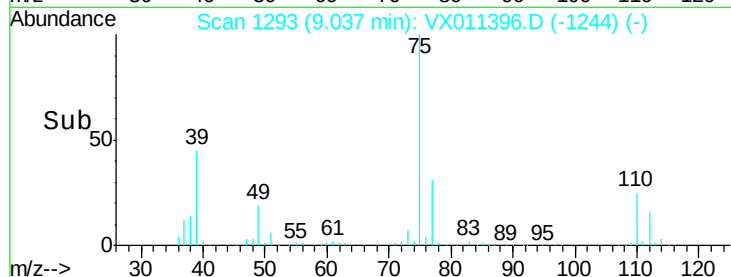
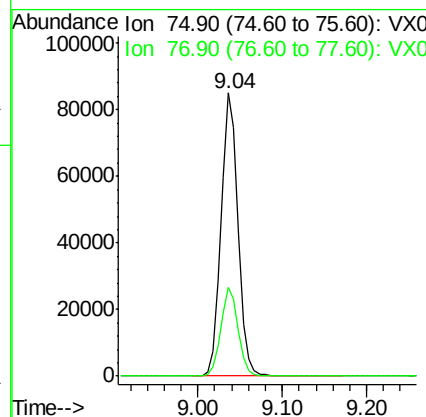
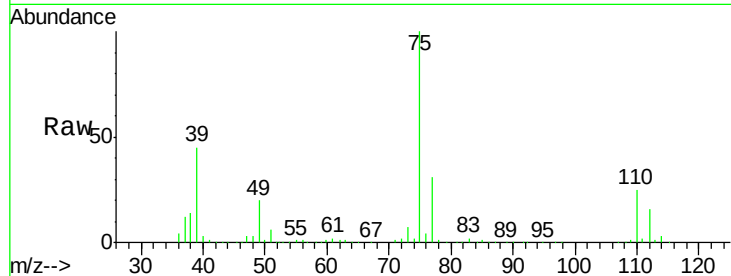
#53
t-1,3-Dichloropropene
Concen: 48.182 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 119087
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

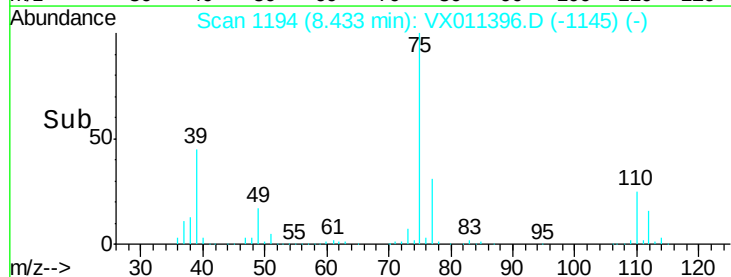
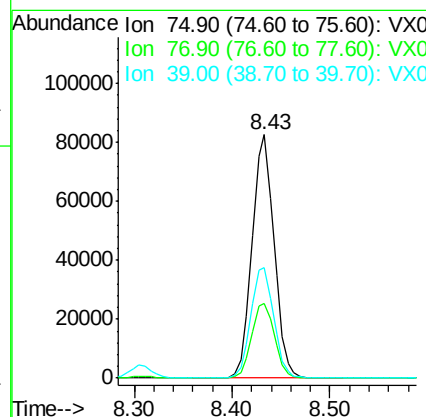
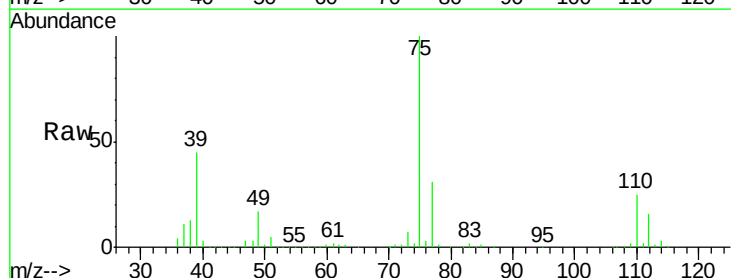
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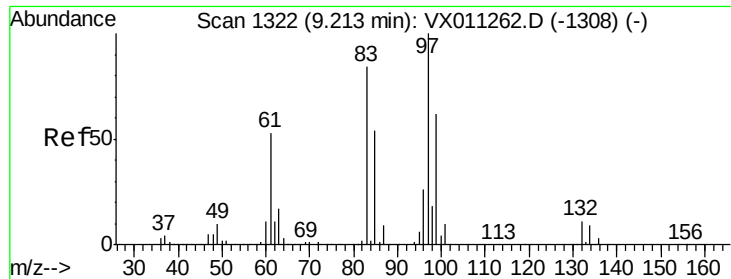
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#54
cis-1,3-Dichloropropene
Concen: 52.092 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 75 Resp: 129437
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 45.2 35.3 52.9





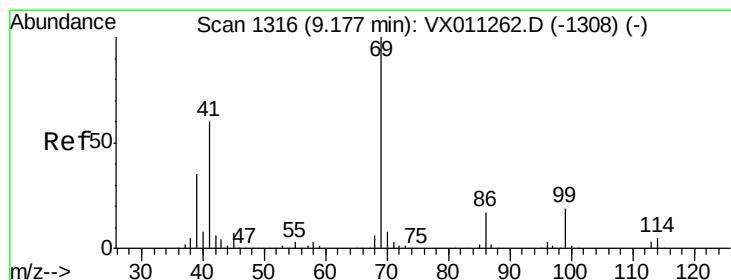
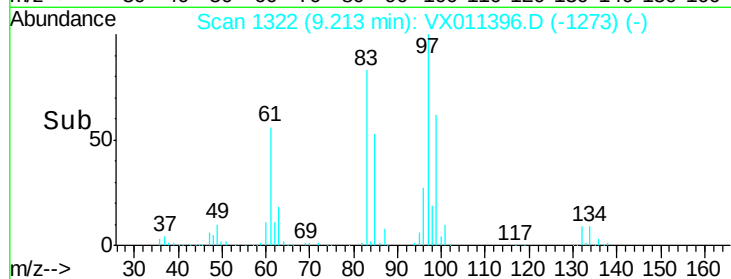
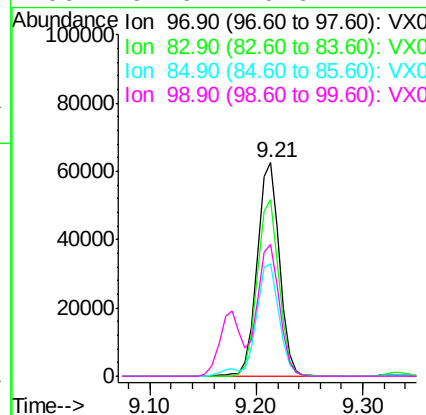
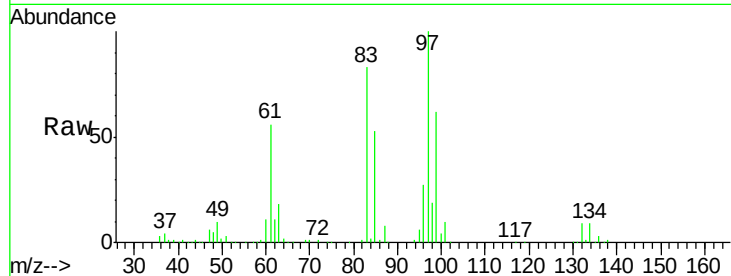
#55
 1,1,2-Trichloroethane
 Concen: 50.762 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	91700
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.6	101.4
85	52.5	43.4	65.0
99	61.6	49.6	74.4

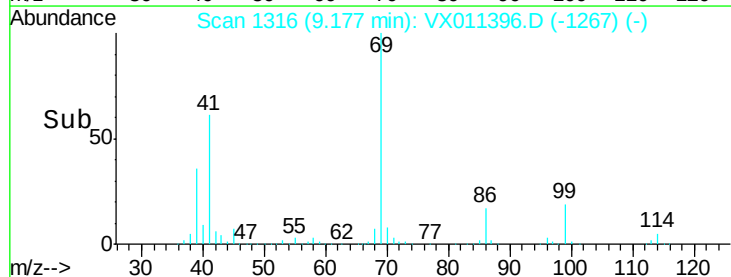
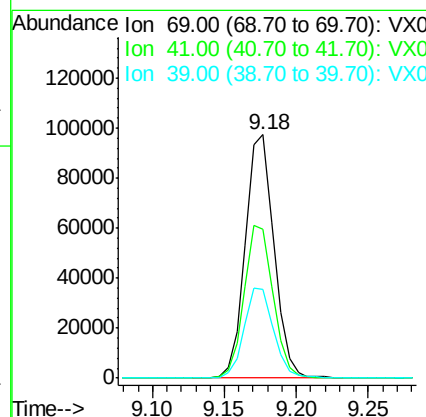
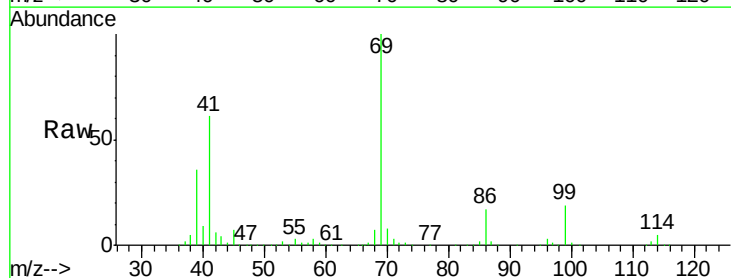
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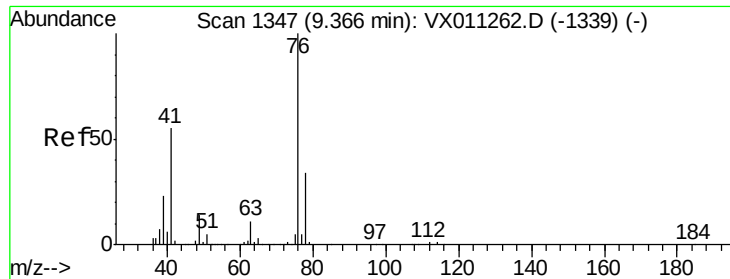
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#56
 Ethyl methacrylate
 Concen: 52.393 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	69	Resp	134878
Ion	Ratio	Lower	Upper
69	100		
41	63.5	48.6	73.0
39	37.7	29.4	44.2





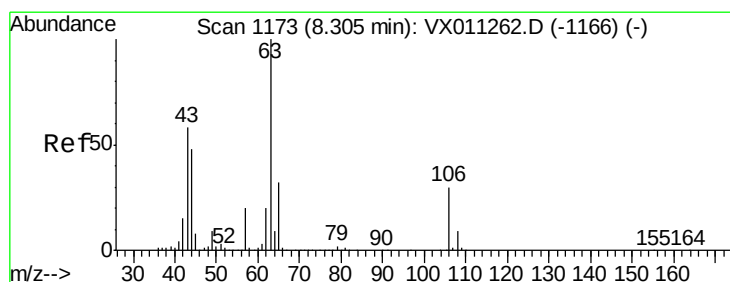
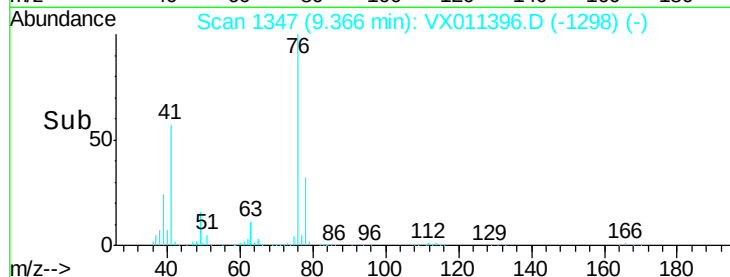
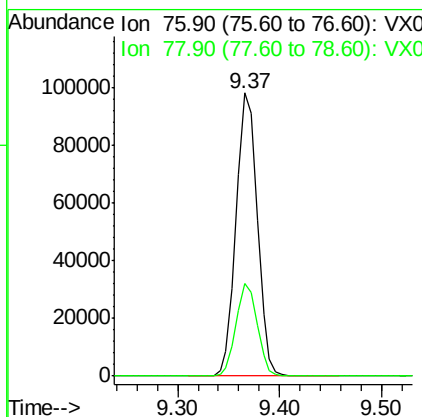
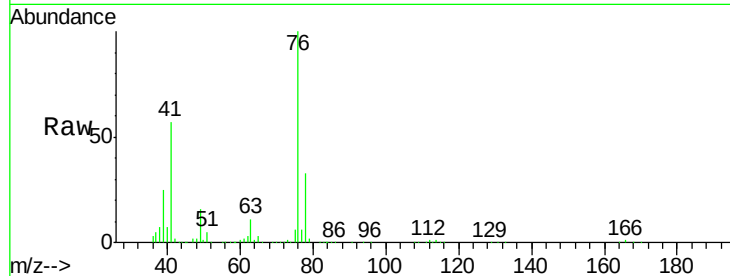
#57
 1,3-Dichloropropane
 Concen: 49.344 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 140974
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.6 40.0

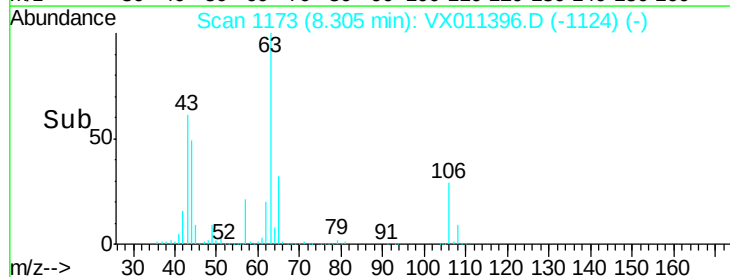
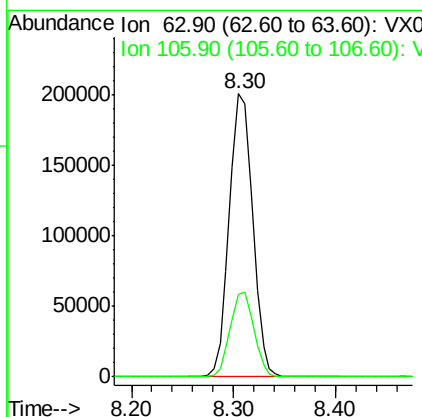
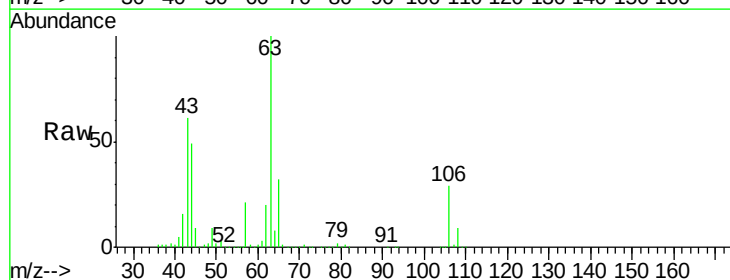
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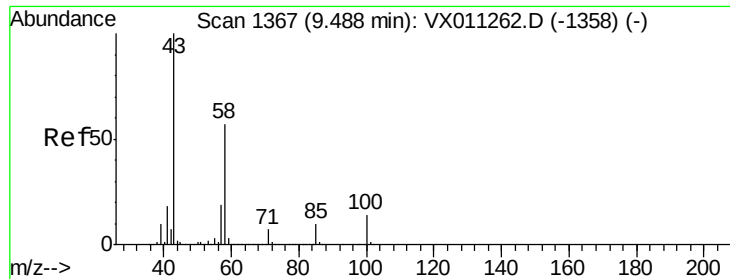
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.739 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 63 Resp: 319912
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.4 36.6





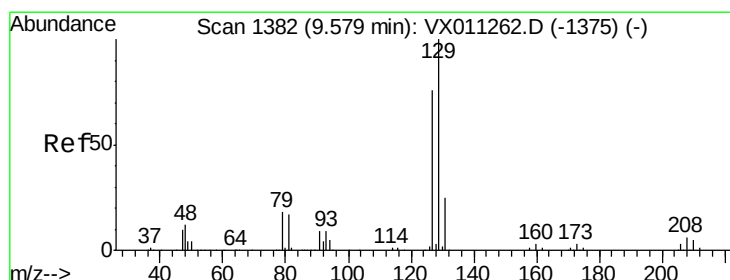
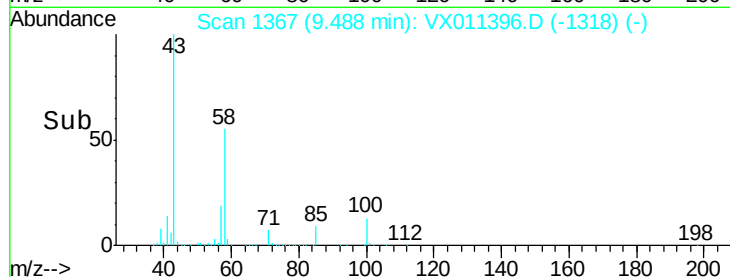
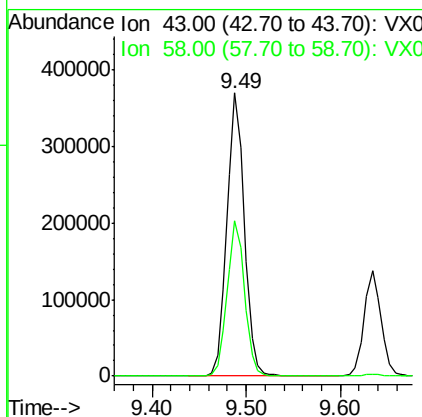
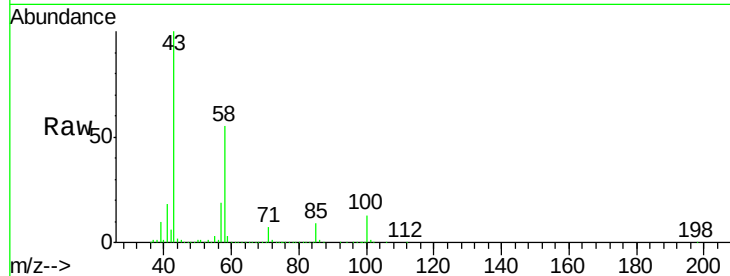
#59
2-Hexanone
Concen: 266.724 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 476154
Ion Ratio Lower Upper
43 100
58 54.8 28.2 84.6

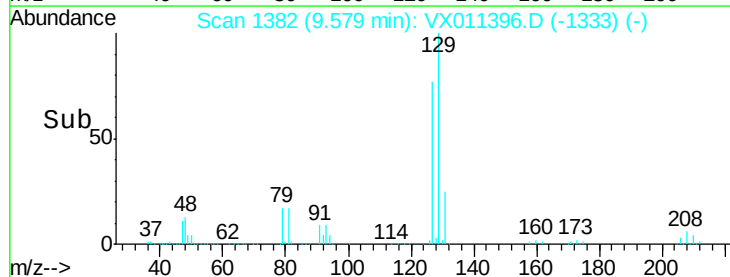
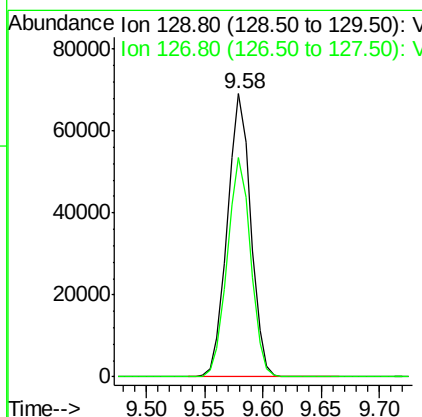
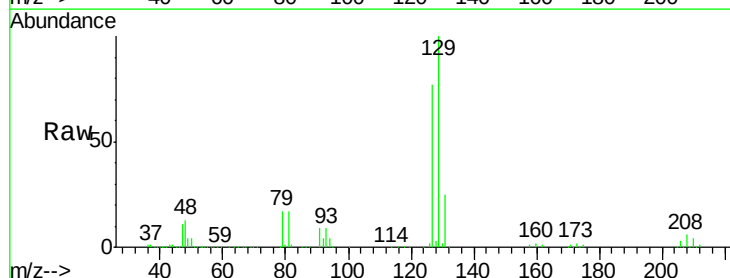
Manual Integrations
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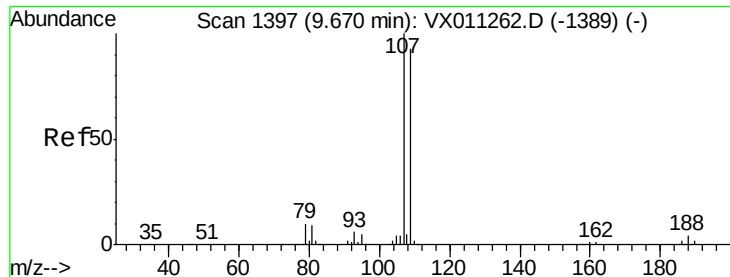
MMDadoda
8/9/2019 11:06:28 AM



#60
Dibromochloromethane
Concen: 52.430 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 129 Resp: 96969
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 49.624 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 96853

Ion Ratio Lower Upper

107 100

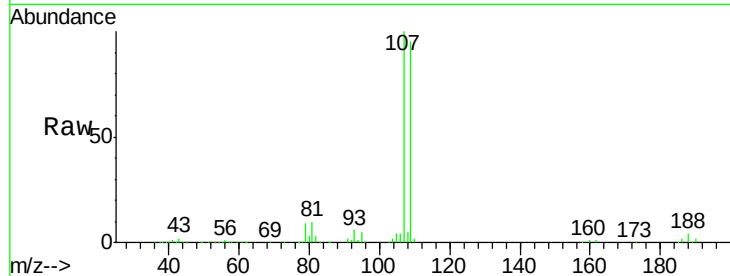
109 95.0 76.6 114.8

Manual Integrations

APPROVED

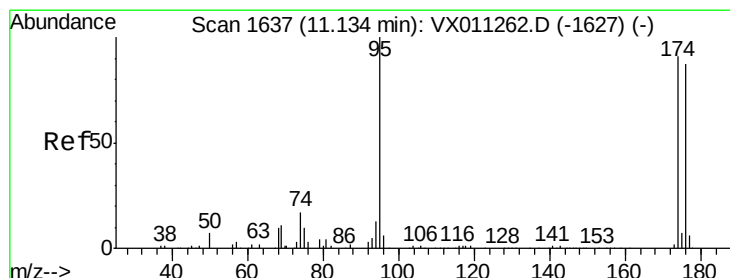
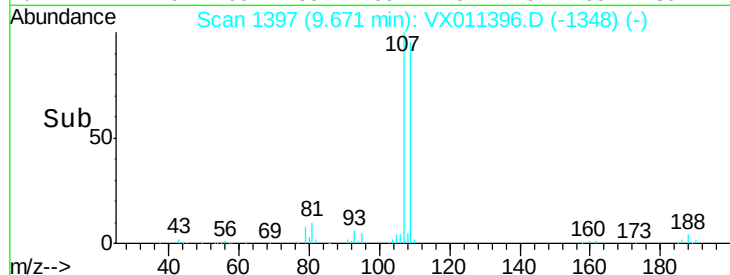
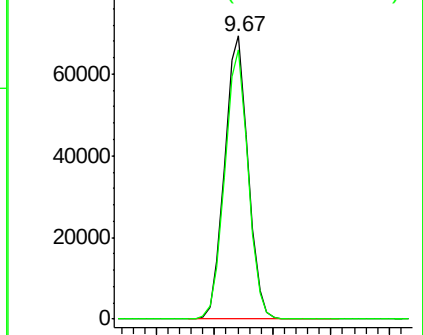
MMDadoda

8/9/2019 11:06:28 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.346 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

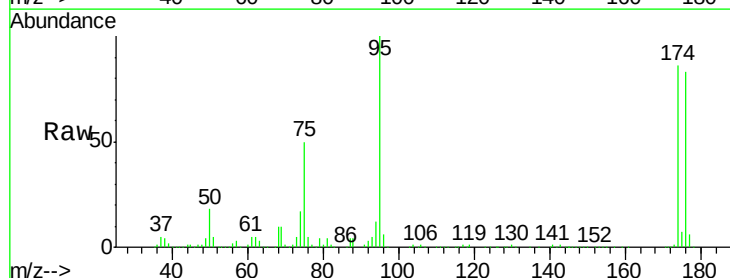
Tgt Ion: 95 Resp: 110741

Ion Ratio Lower Upper

95 100

174 89.5 0.0 191.2

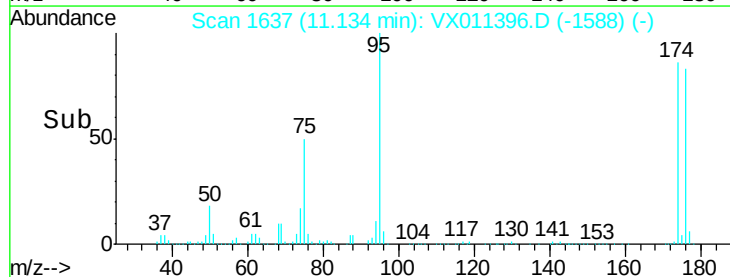
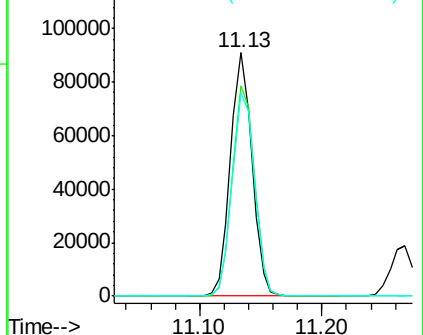
176 86.6 0.0 184.8

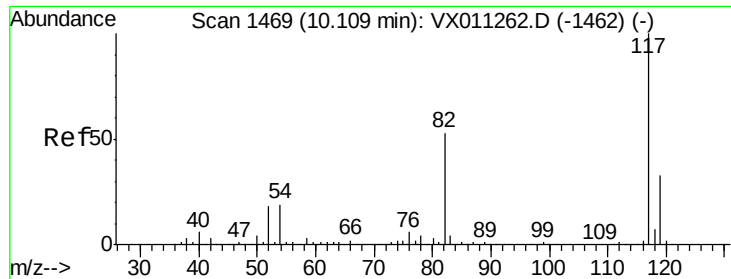


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





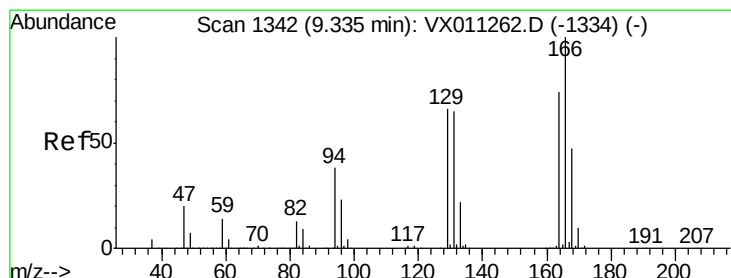
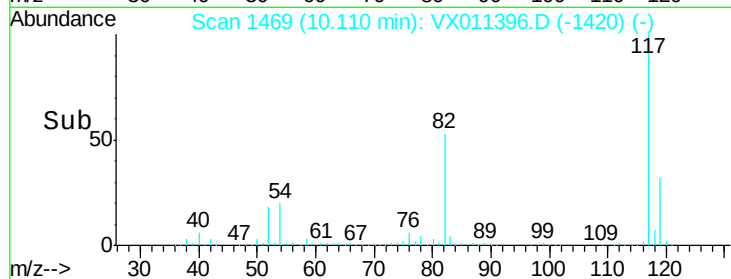
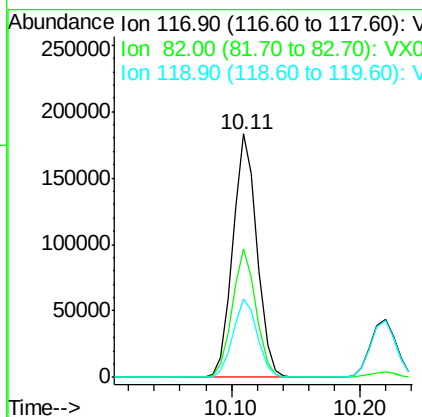
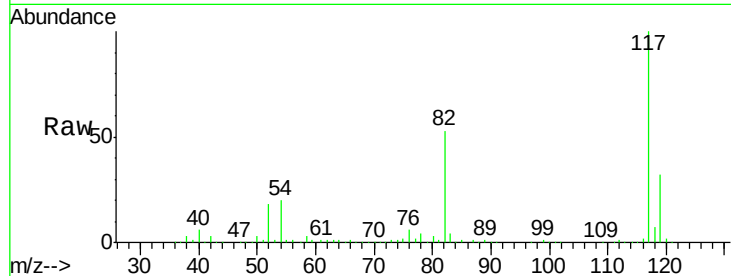
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.2
119	32.1	26.6	39.8

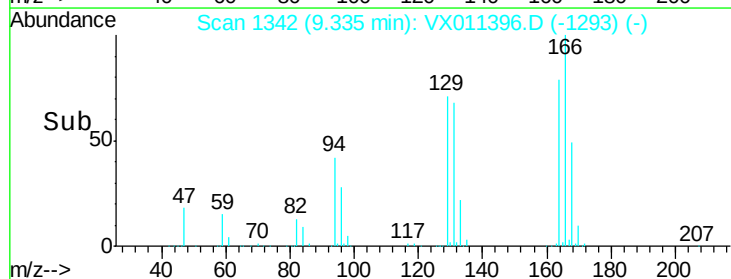
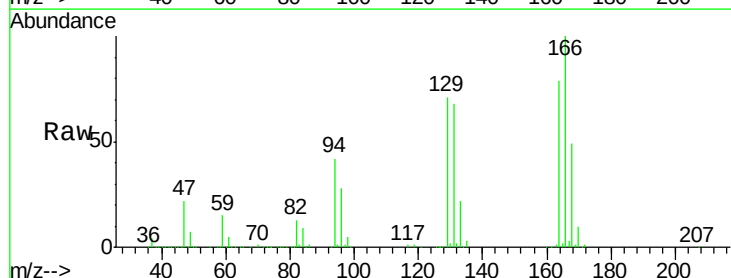
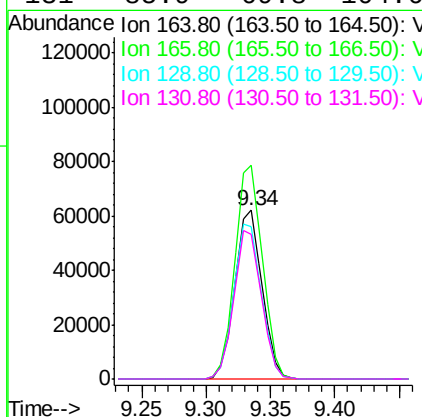
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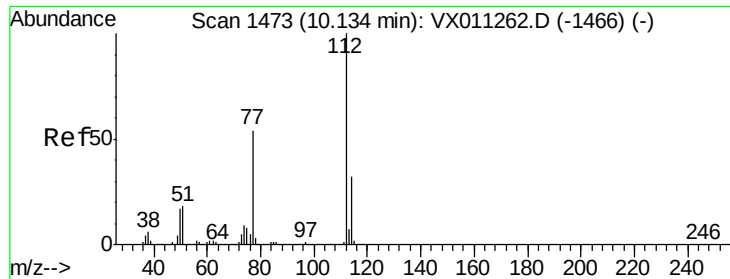
MMDadoda
8/9/2019 11:06:28 AM



#64
Tetrachloroethene
Concen: 45.093 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	107.5	161.3
129	90.3	71.0	106.4
131	85.9	69.8	104.6





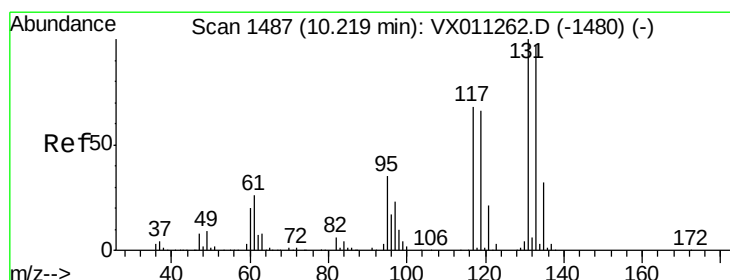
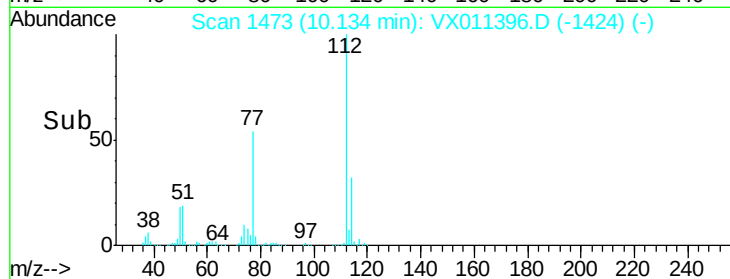
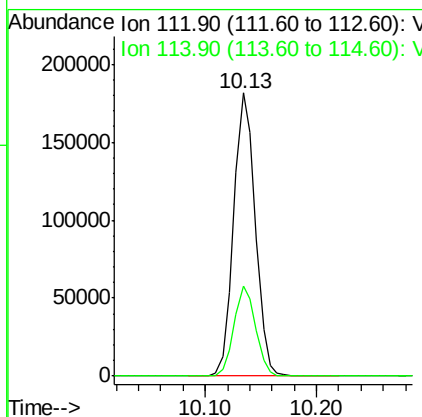
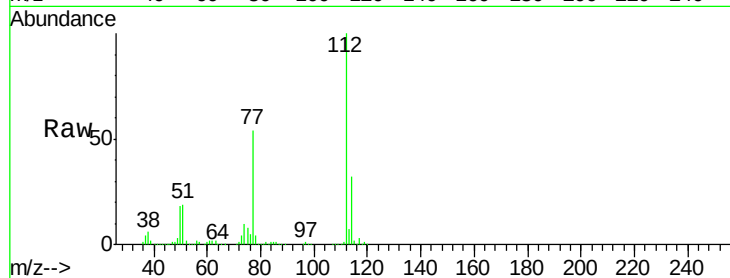
#65
Chlorobenzene
Concen: 47.480 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.9	38.9

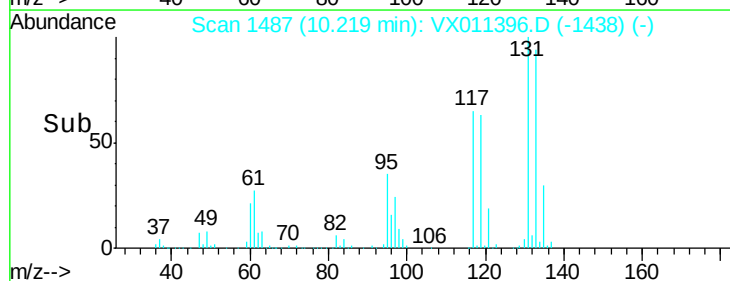
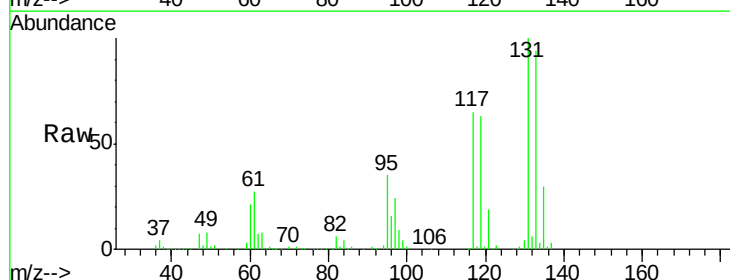
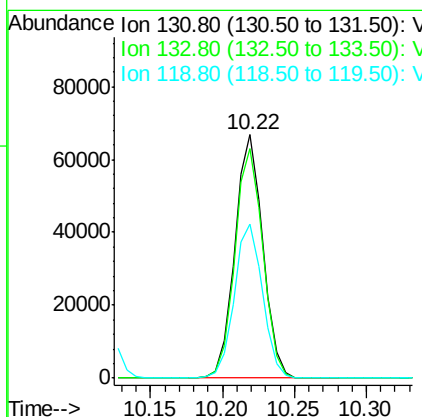
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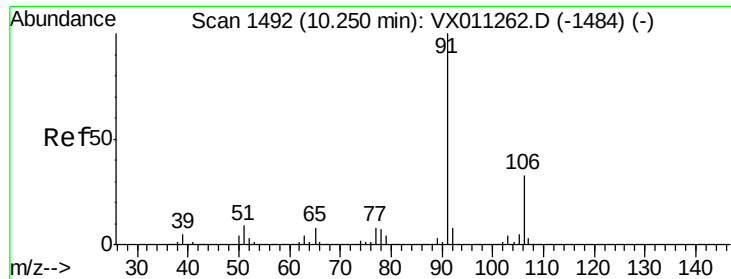
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.399 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.7	143.1
119	64.2	32.8	98.3





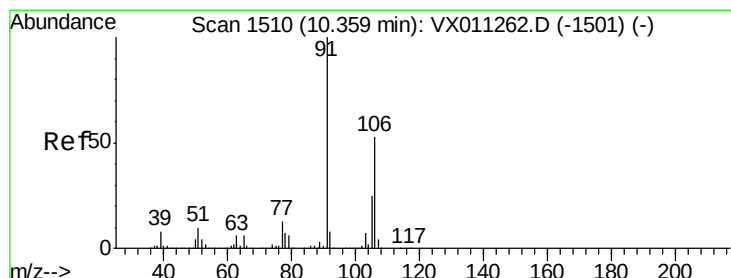
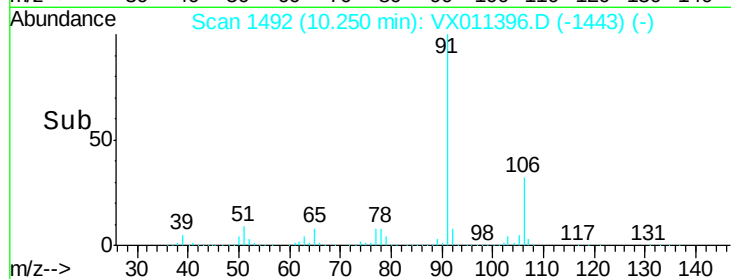
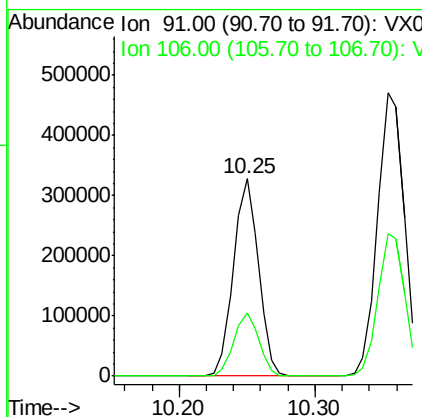
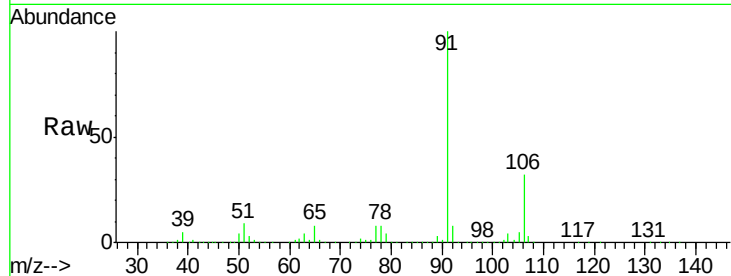
#67
Ethyl Benzene
Concen: 49.021 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 420789
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.4

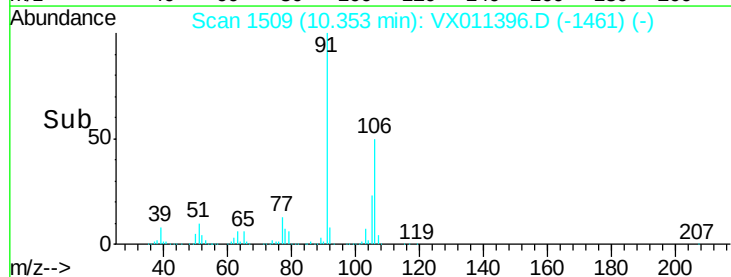
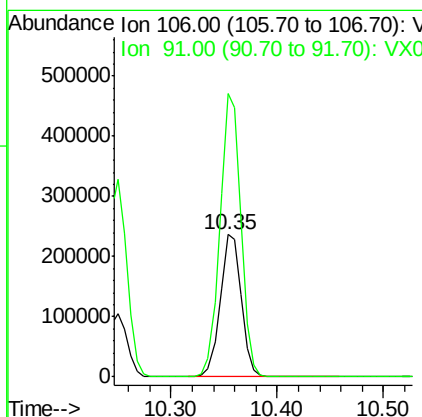
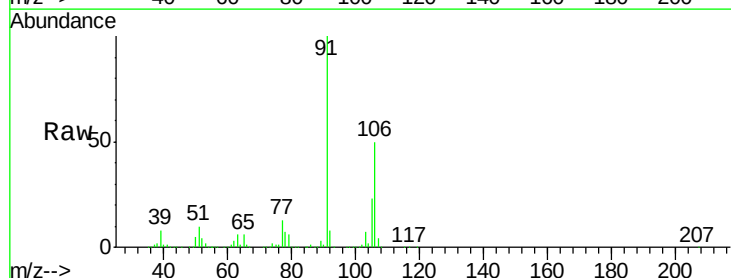
Manual Integrations
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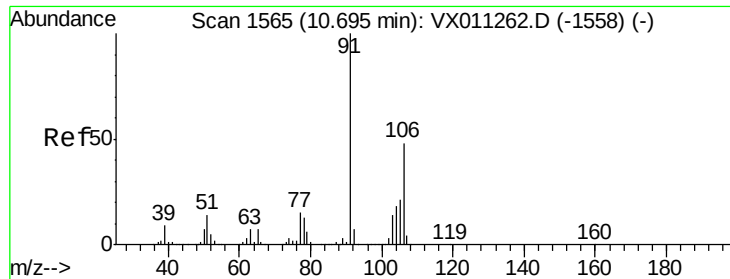
MMDadoda
8/9/2019 11:06:28 AM



#68
m/p-Xylenes
Concen: 97.747 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 106 Resp: 324539
Ion Ratio Lower Upper
106 100
91 198.4 155.9 233.9





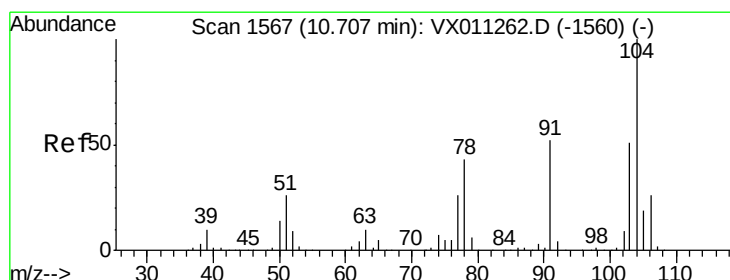
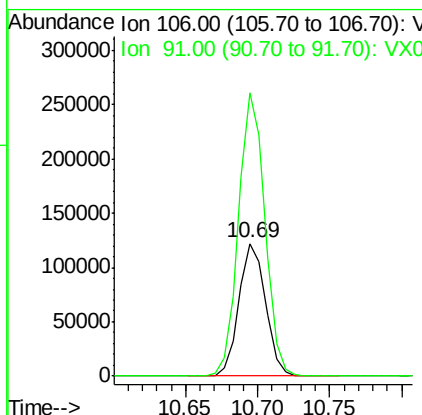
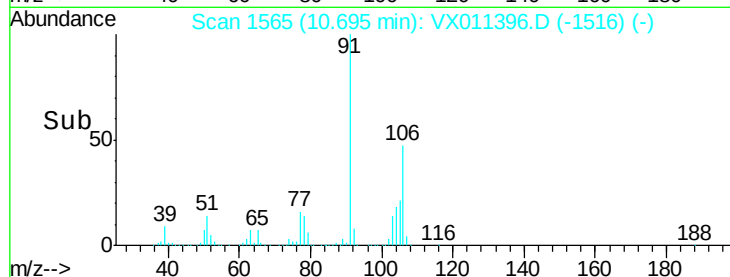
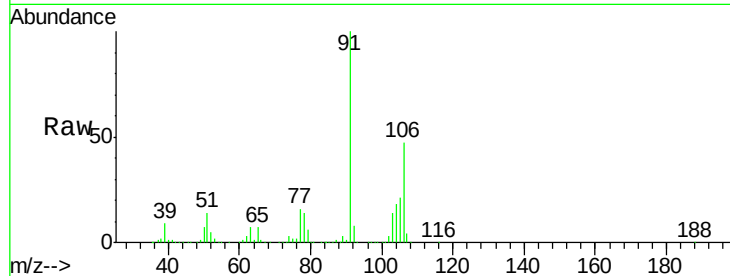
#69
o-Xylene
Concen: 48.188 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	103.8	311.3

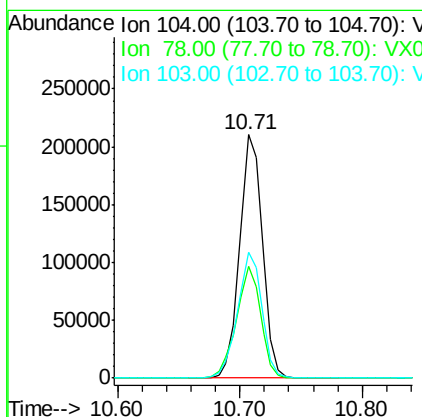
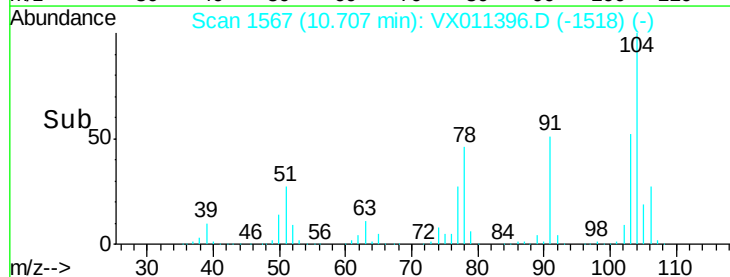
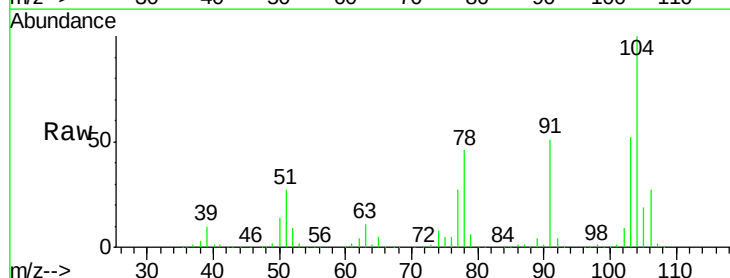
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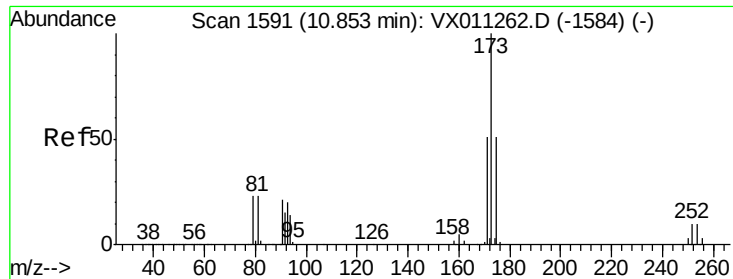
MMDadoda
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#70
Styrene
Concen: 50.091 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	36.9	55.3
103	55.4	44.4	66.6





#71

Bromoform

Concen: 47.179 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

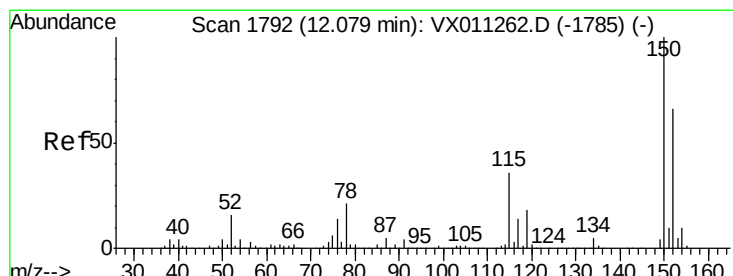
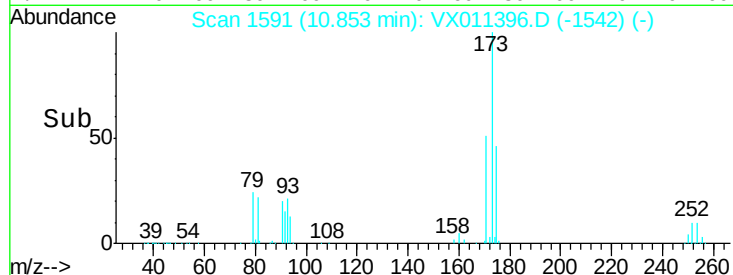
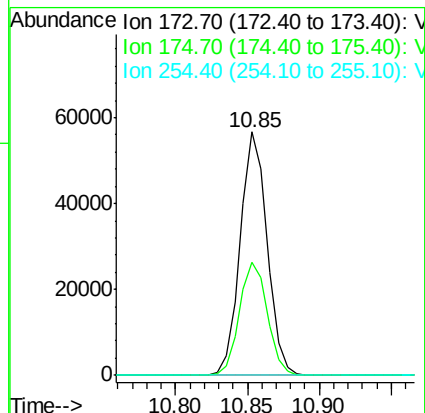
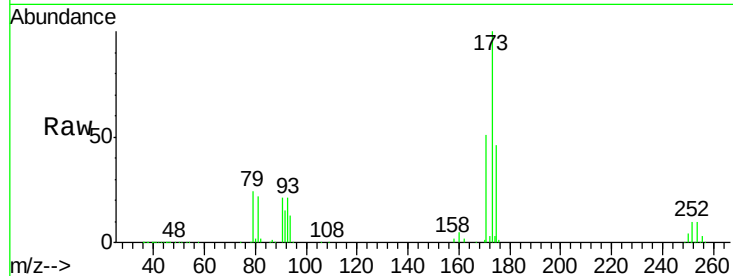
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.4
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

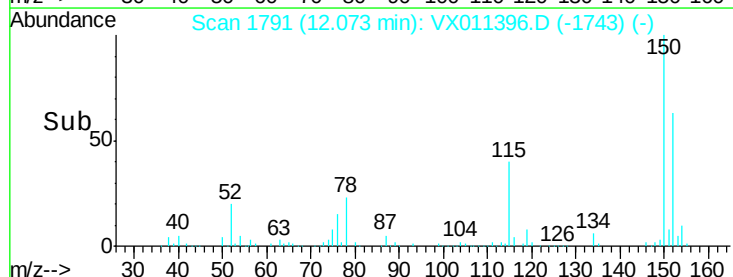
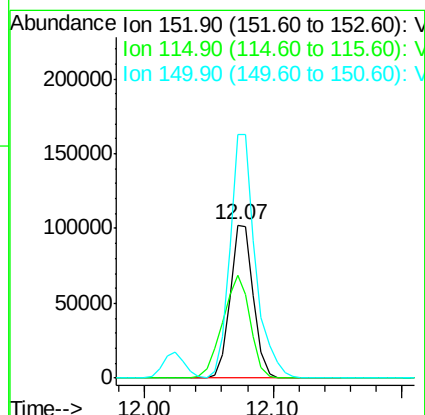
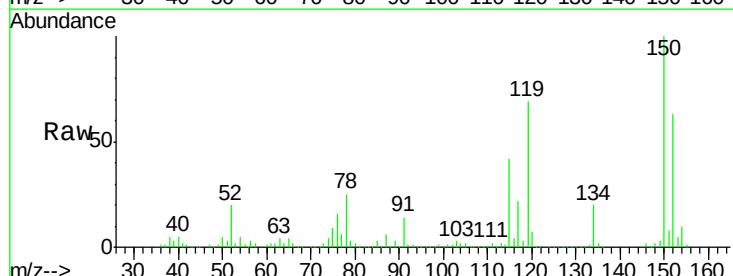
RT: 12.07 min Scan# 1791

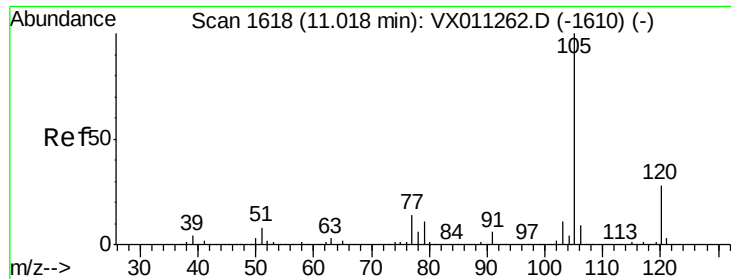
Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.3	40.0	119.9
150	174.1	0.0	350.4





#73

Isopropylbenzene

Concen: 48.324 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 427209

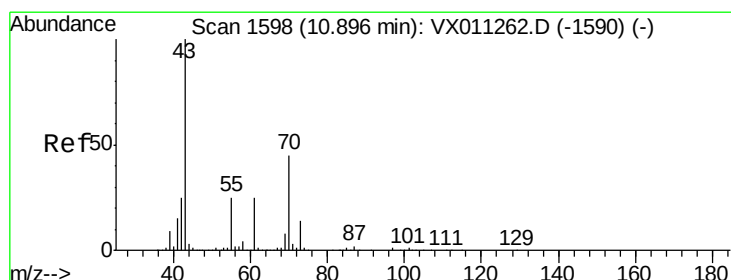
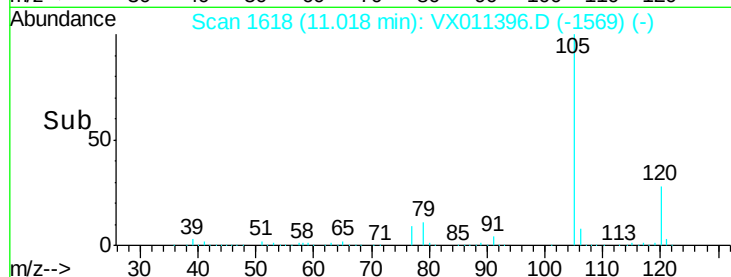
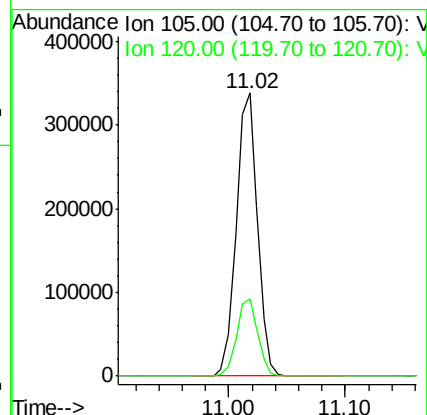
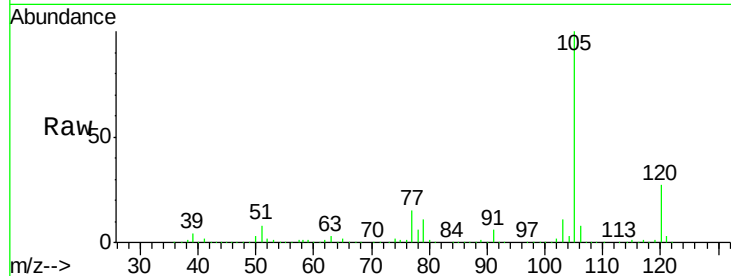
Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1

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#74

N-ethyl acetate

Concen: 52.976 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion: 43 Resp: 169226

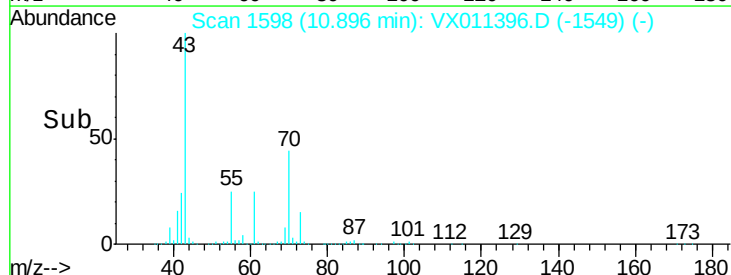
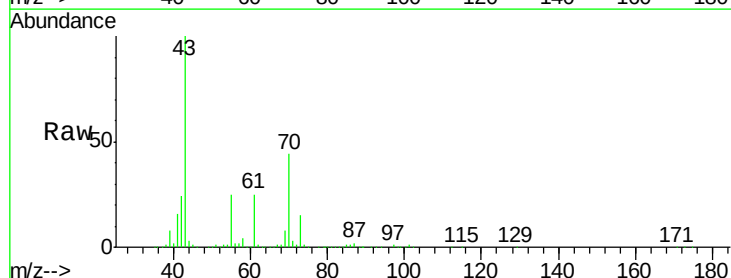
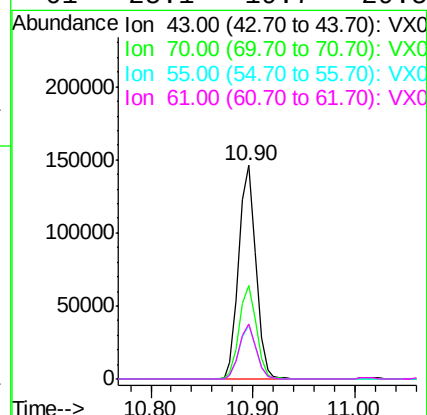
Ion Ratio Lower Upper

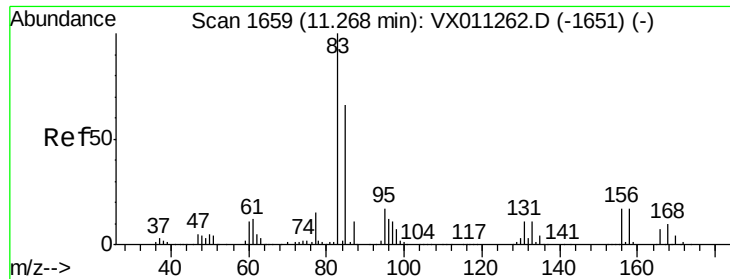
43 100

70 43.6 35.9 53.9

55 24.9 19.8 29.6

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.055 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

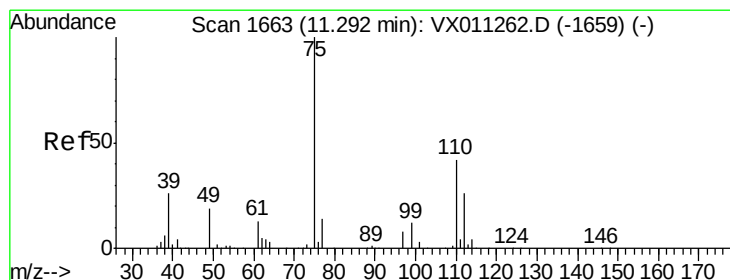
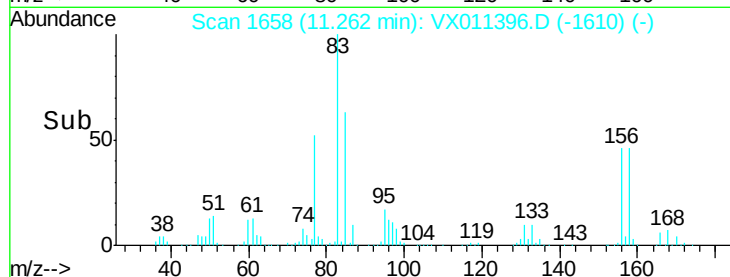
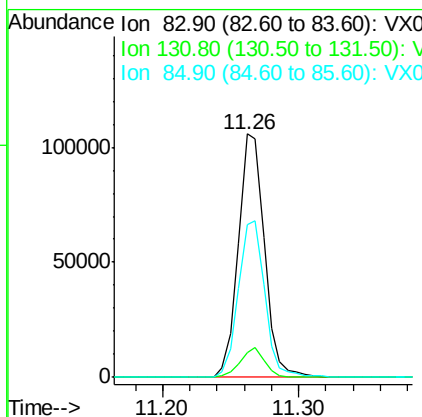
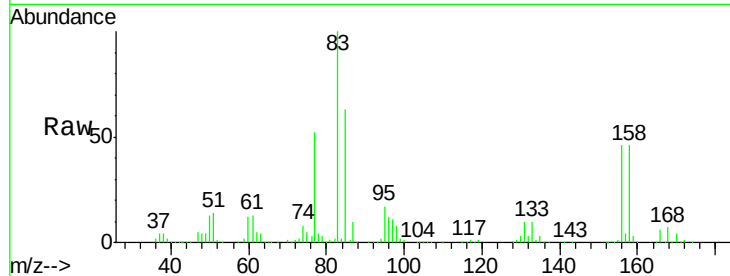
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	141577
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	65.3	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.562 ug/l m

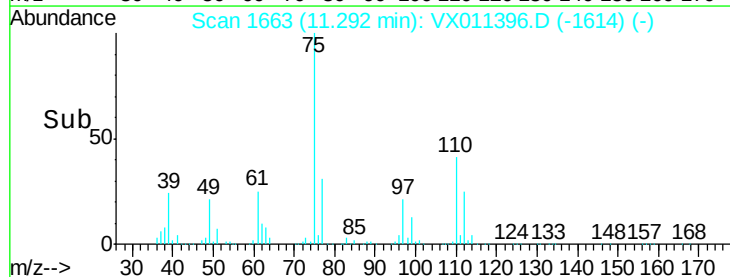
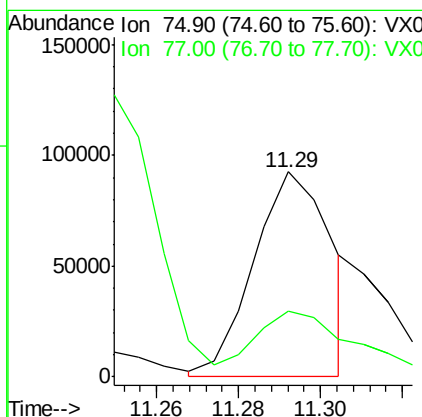
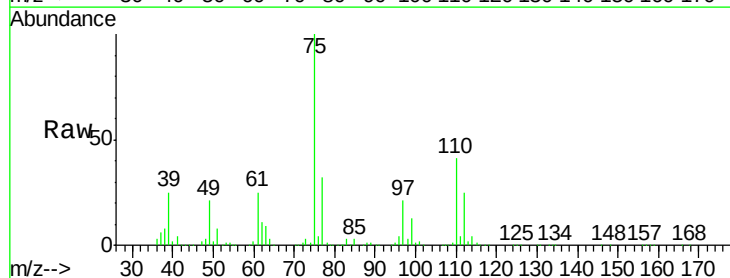
RT: 11.29 min Scan# 1663

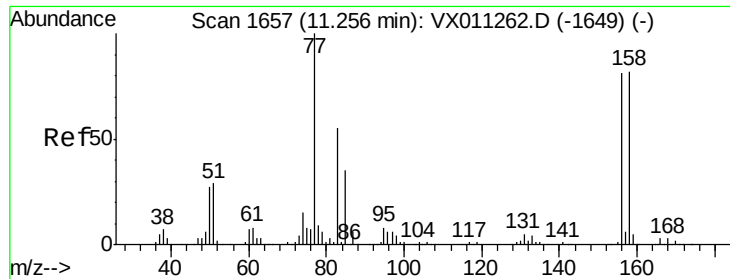
Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion:	75	Resp:	121378
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.1	63.4





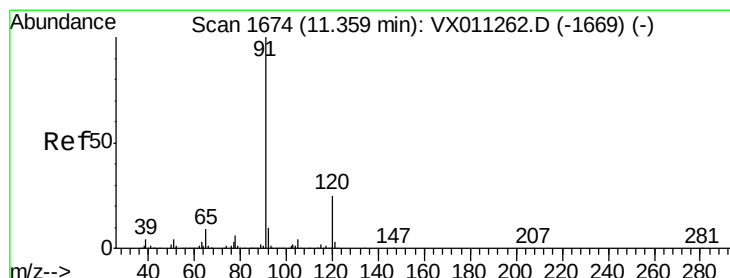
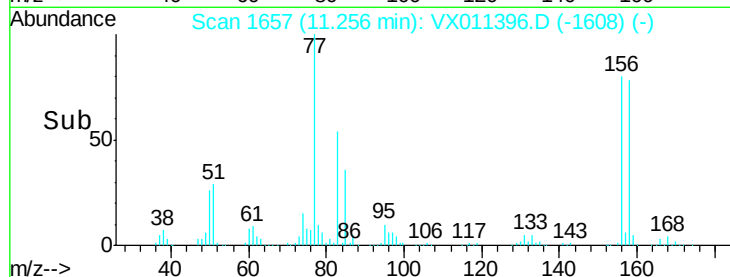
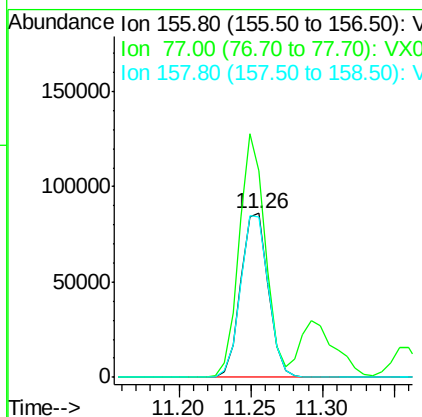
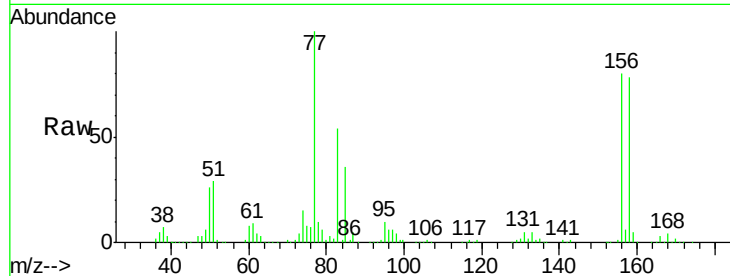
#77
Bromobenzene
Concen: 46.620 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	140.7	66.2	198.6
158	99.4	49.1	147.3

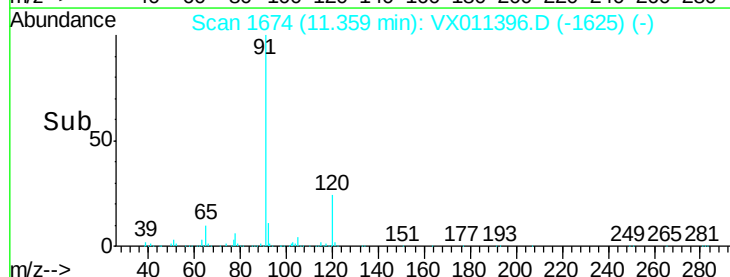
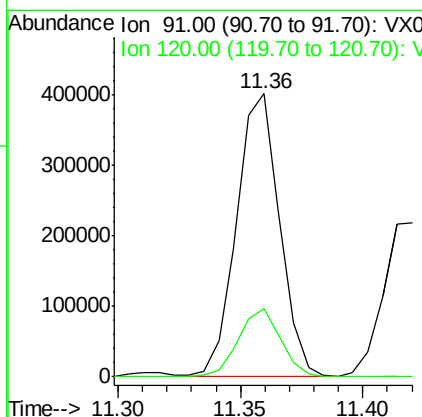
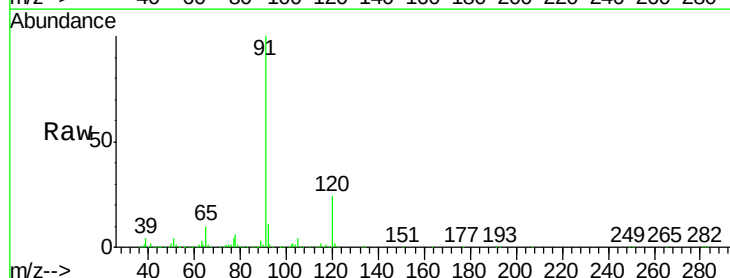
Manual Integrations
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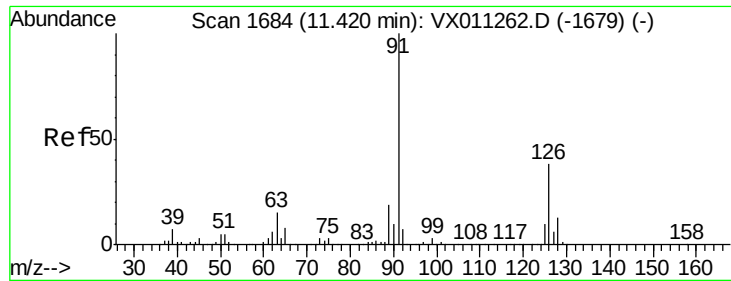
MMDadoda
8/9/2019 11:06:28 AM



#78
n-propylbenzene
Concen: 49.470 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.4	37.0





#79

2-Chlorotoluene

Concen: 48.458 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 283951

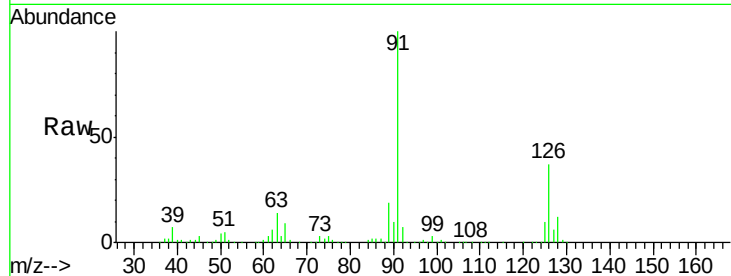
Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX011396.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011396.D (-1635) (-)

400000

300000

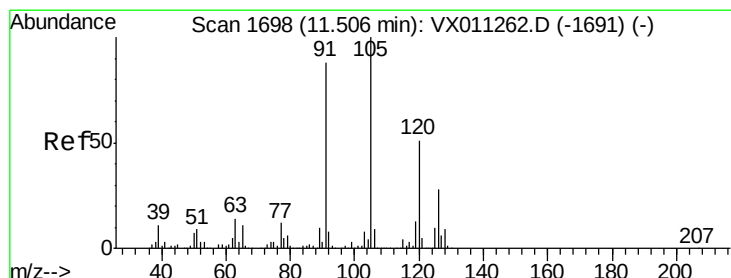
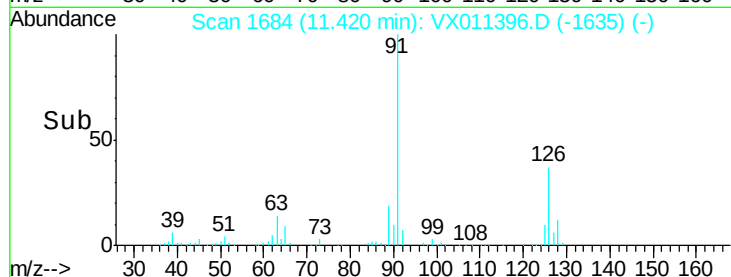
200000

100000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.306 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011396.D

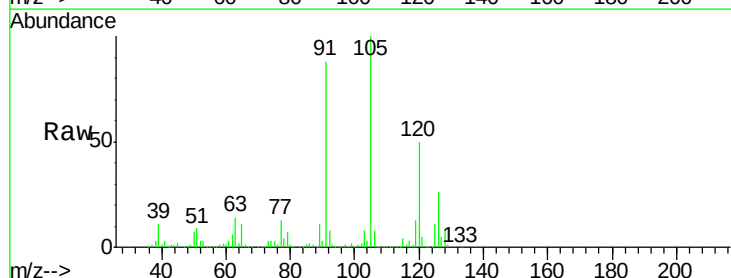
Acq: 08 Aug 2019 18:17

Tgt Ion: 105 Resp: 364889

Ion Ratio Lower Upper

105 100

120 48.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011396.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011396.D (-1649) (-)

300000

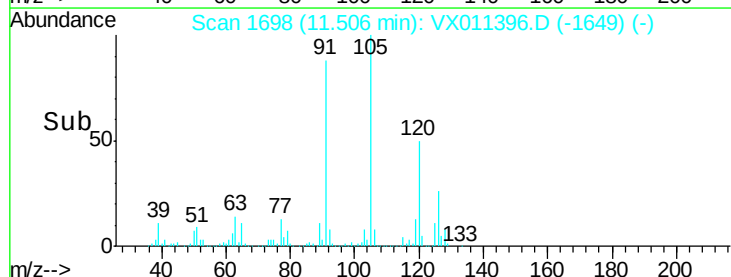
200000

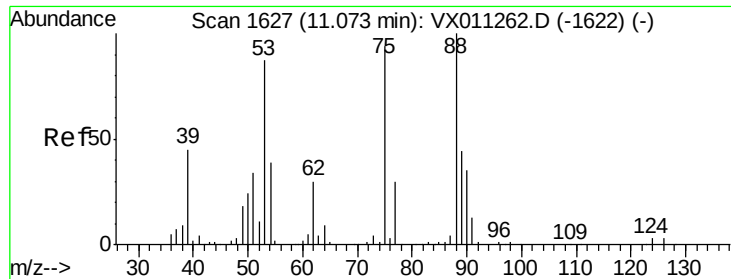
100000

0

11.45 11.50 11.55

Time-->





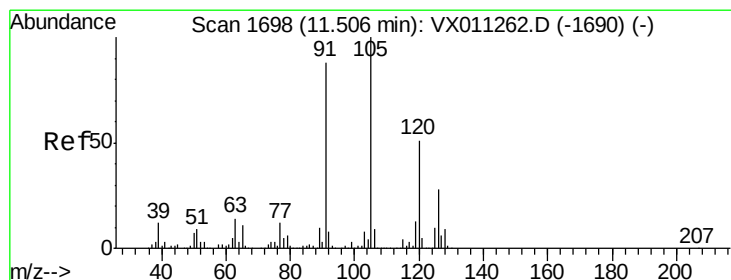
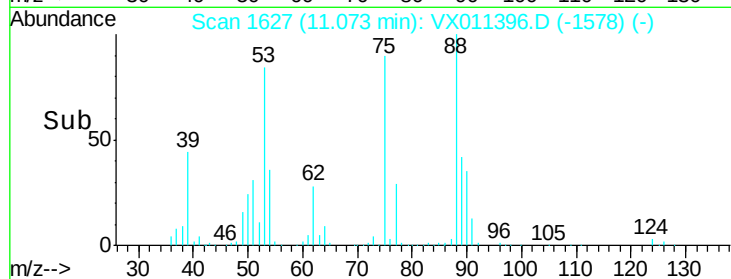
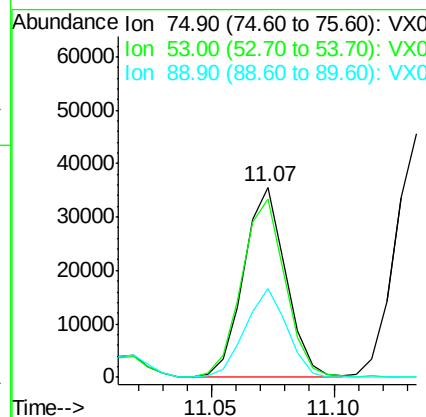
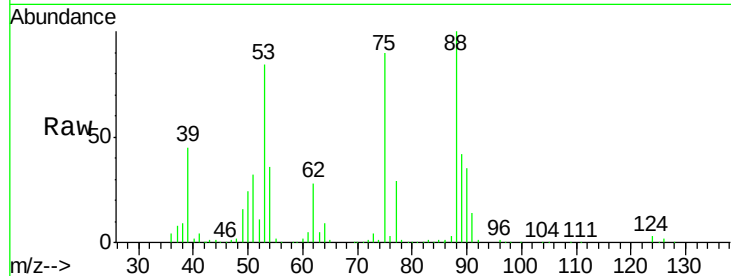
#81
trans-1,4-Dichloro-2-butene
Concen: 48.260 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	78.2	117.4
89	46.9	37.9	56.9

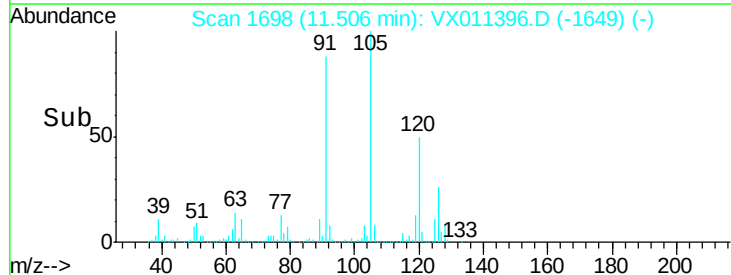
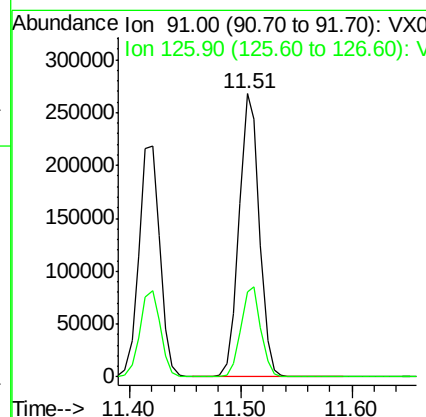
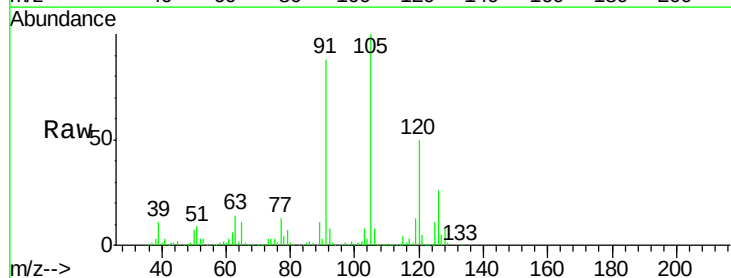
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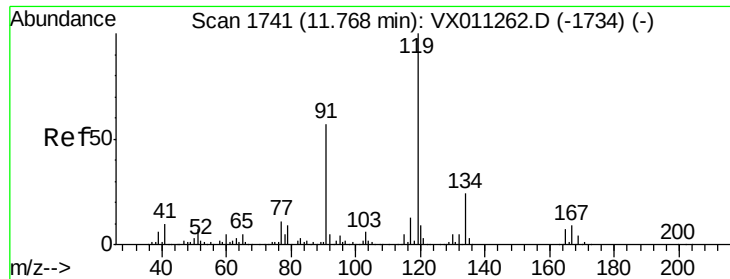
MMDadoda
8/9/2019 11:06:28 AM



#82
4-Chlorotoluene
Concen: 49.173 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.4	49.2





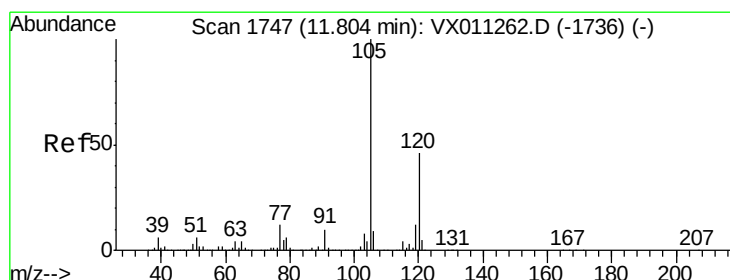
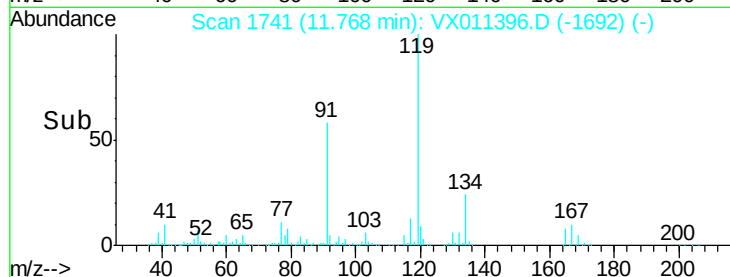
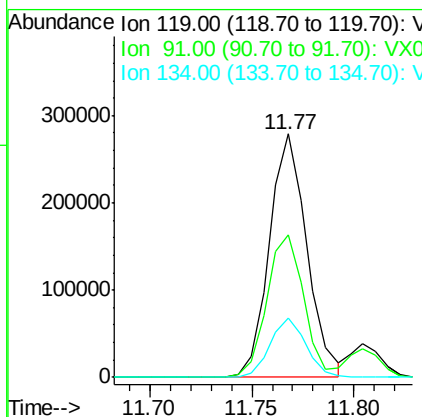
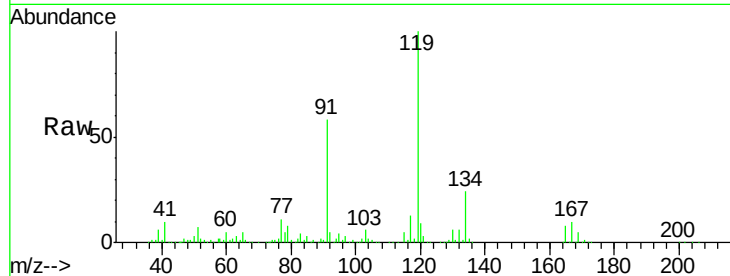
#83
 tert-Butylbenzene
 Concen: 49.314 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	357935		
91	58.1		28.0	84.0
134	23.3		11.9	35.5

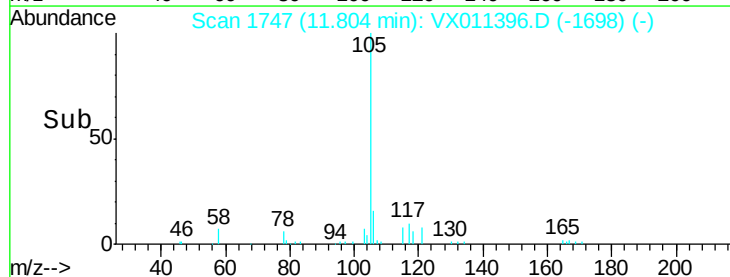
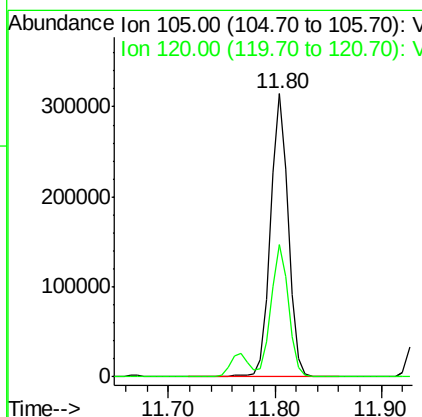
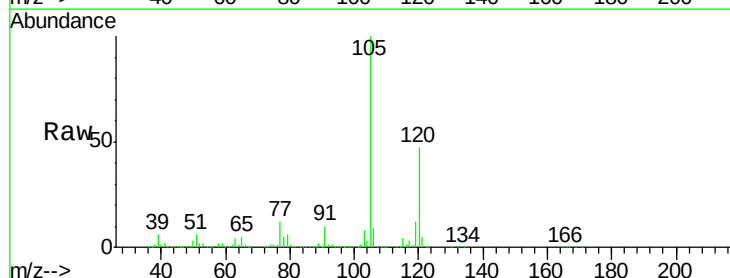
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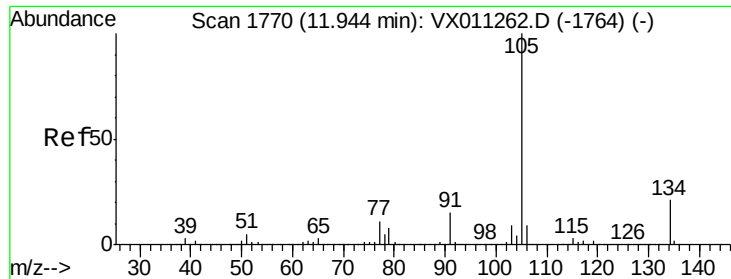
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.785 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366825		
120	46.5		23.0	69.0





#85

sec-Butylbenzene

Concen: 48.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 421109

Ion Ratio Lower Upper

105 100

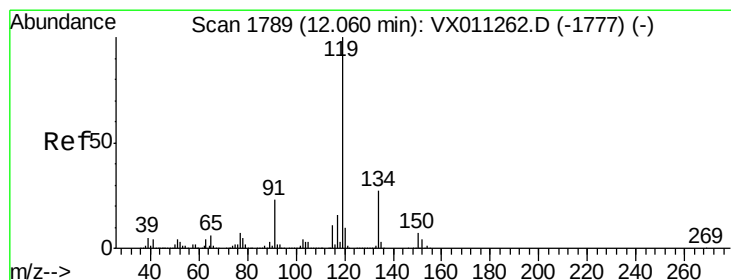
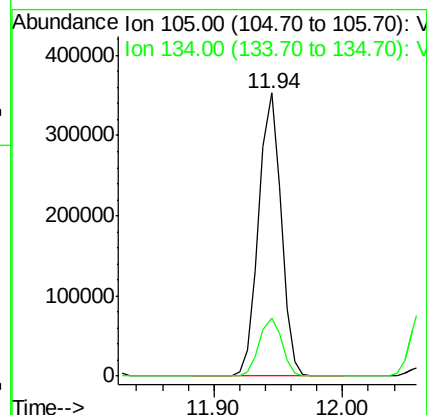
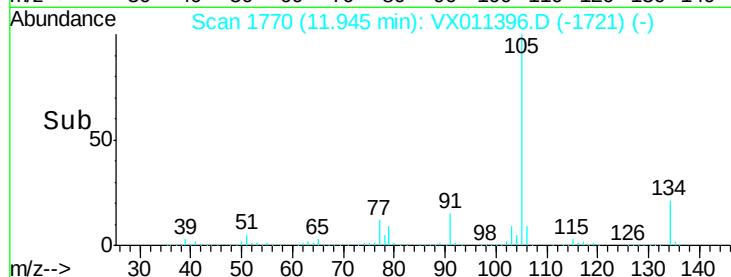
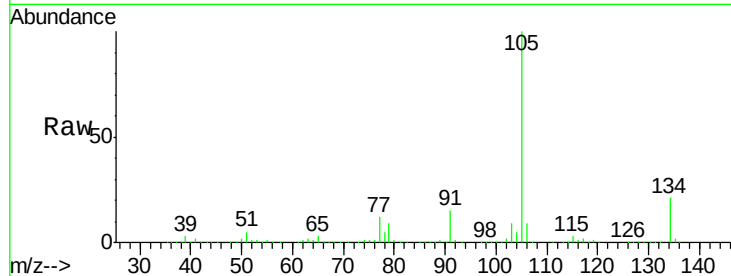
134 20.8 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 49.347 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

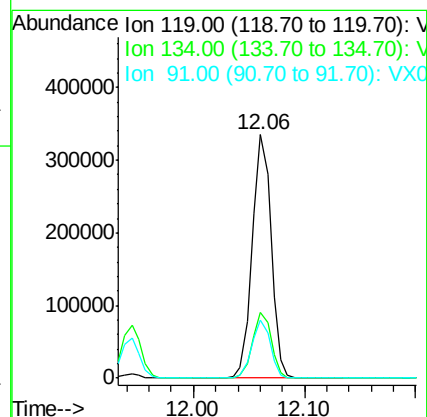
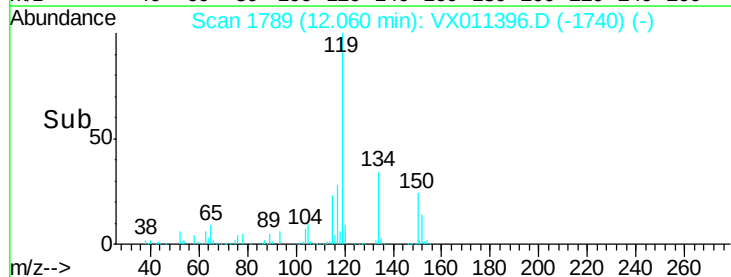
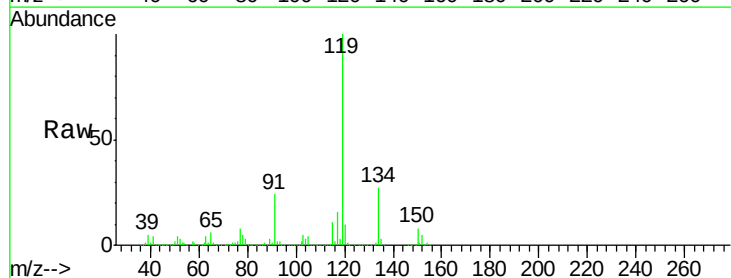
Tgt Ion:119 Resp: 395891

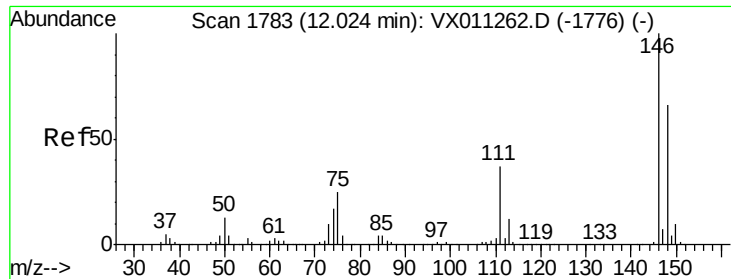
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 23.4 11.4 34.2





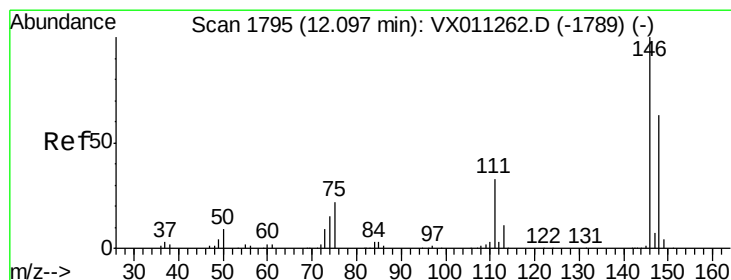
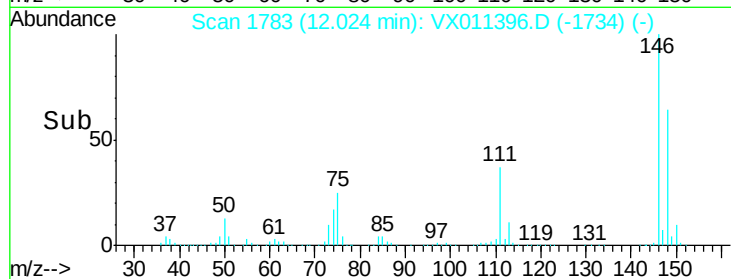
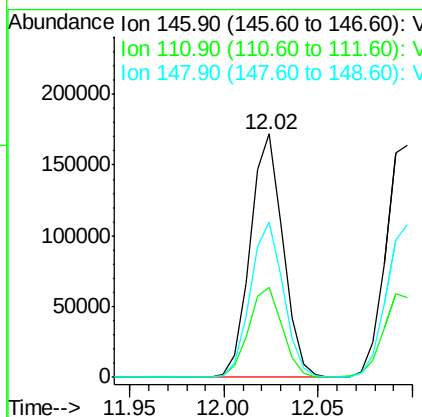
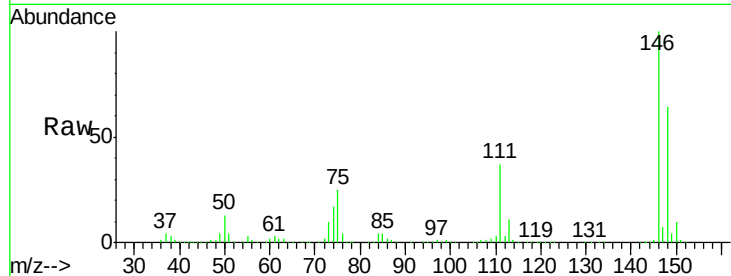
#87
 1,3-Dichlorobenzene
 Concen: 47.926 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.5	32.5	97.5

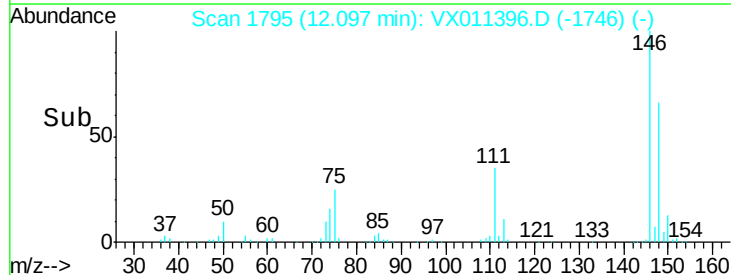
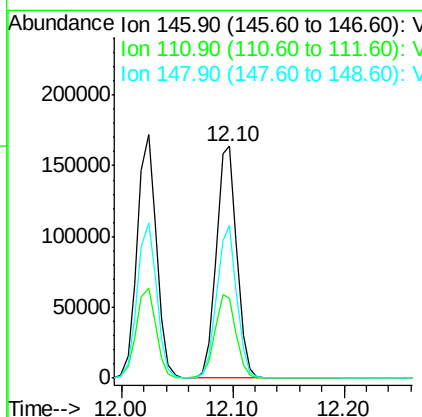
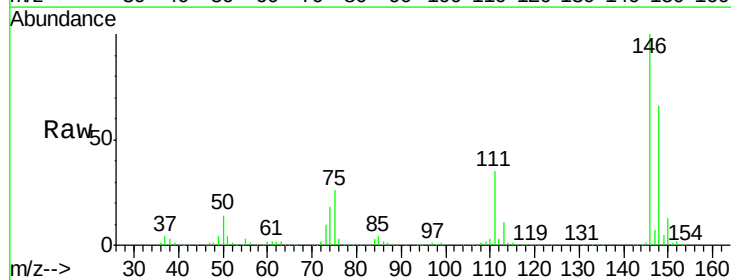
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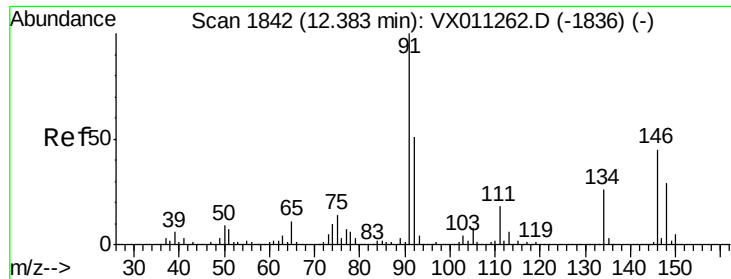
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#88
 1,4-Dichlorobenzene
 Concen: 46.555 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.8	53.4
148	64.2	31.8	95.3





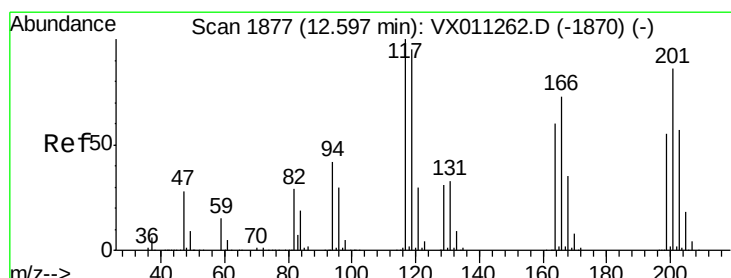
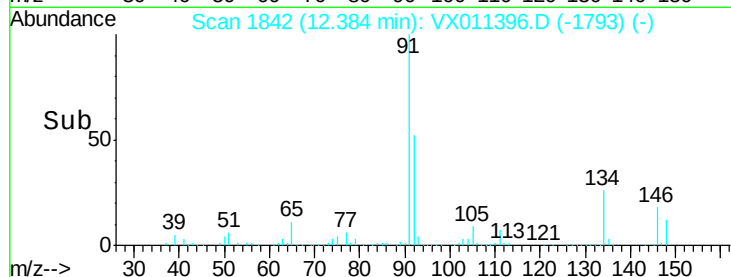
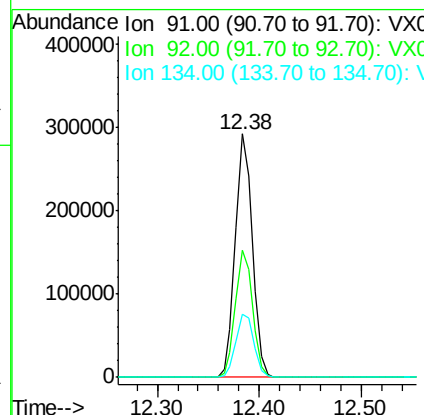
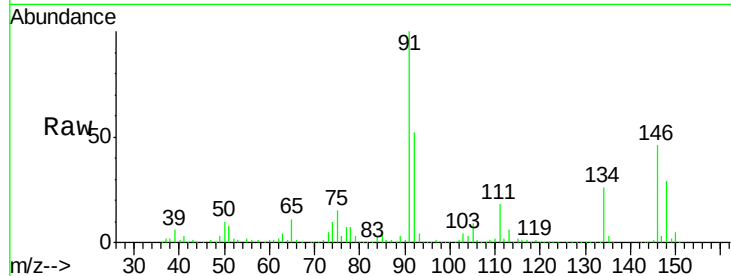
#89
n-Butylbenzene
Concen: 48.612 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.8	77.3
134	27.3	13.7	41.0

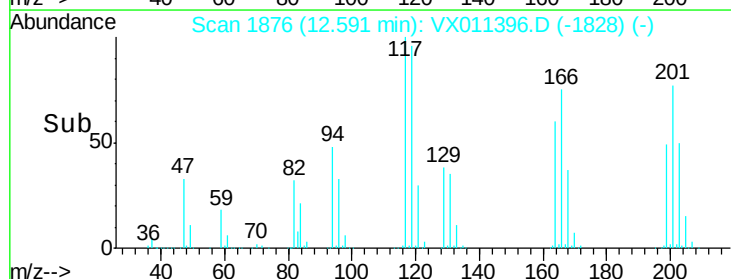
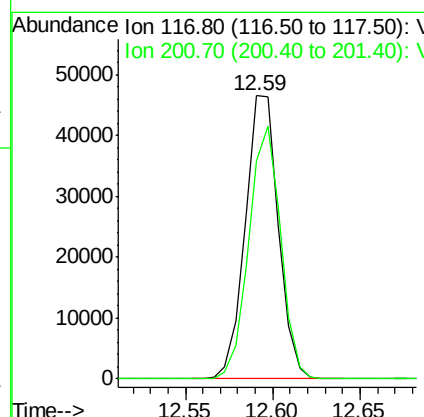
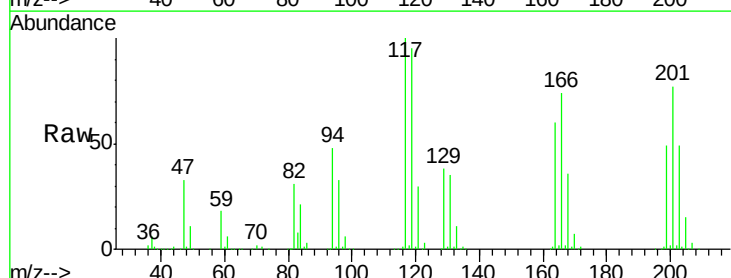
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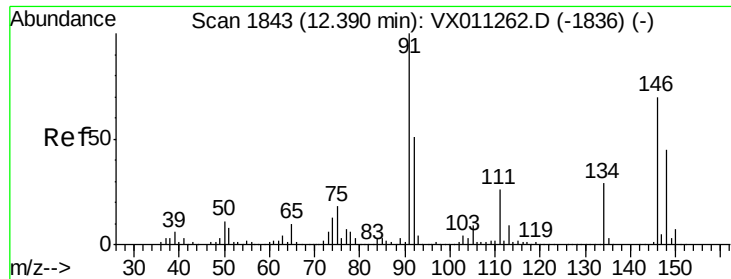
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#90
Hexachloroethane
Concen: 51.591 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.7	41.8	125.4





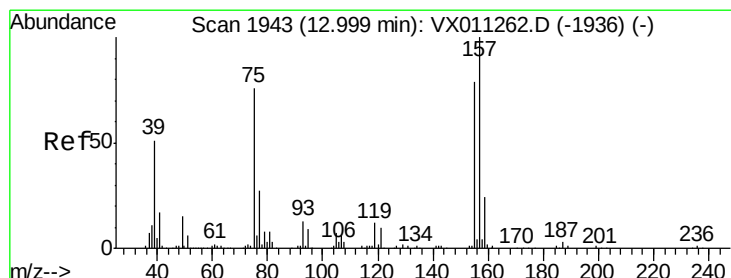
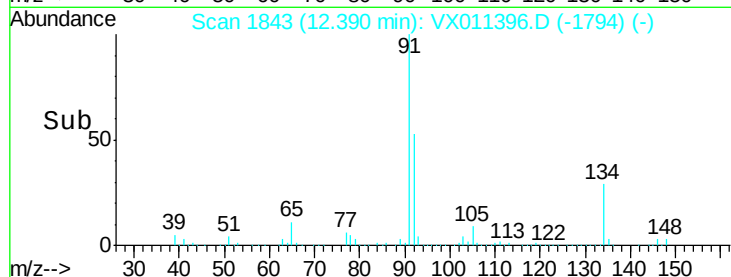
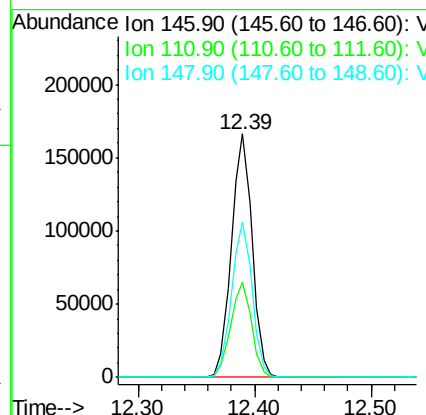
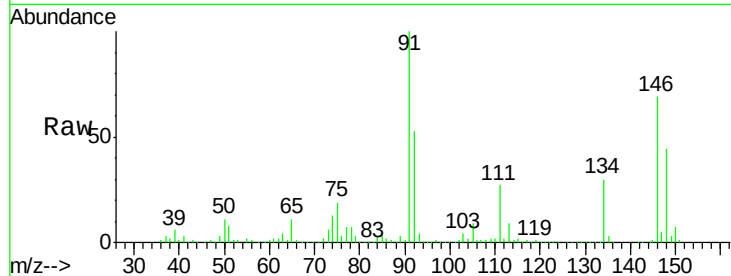
#91
 1,2-Dichlorobenzene
 Concen: 47.106 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.1
148	63.5	32.3	96.8

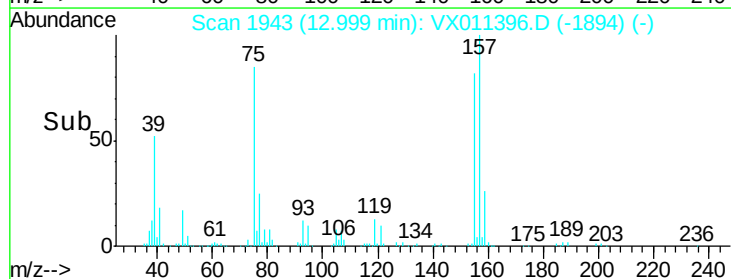
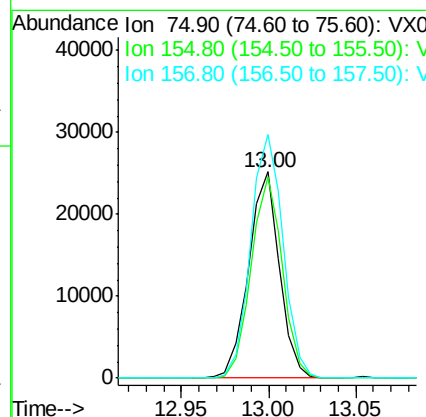
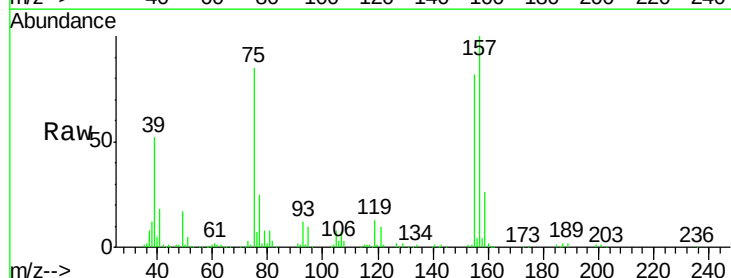
Manual Integrations
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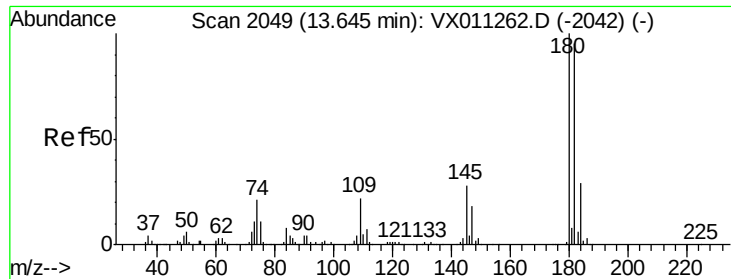
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.029 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	51.9	155.8
157	123.8	64.3	192.7





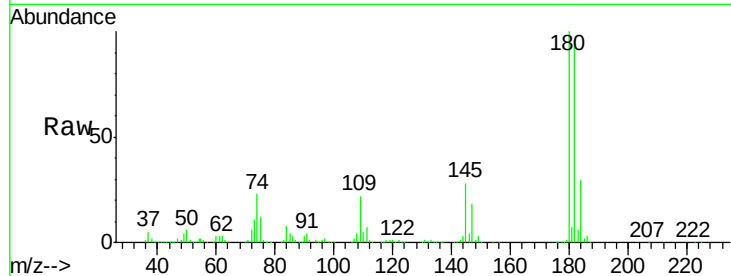
#93
 1,2,4-Trichlorobenzene
 Concen: 48.168 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139028		
182	95.0	47.8	143.4	
145	29.1	14.8	44.3	

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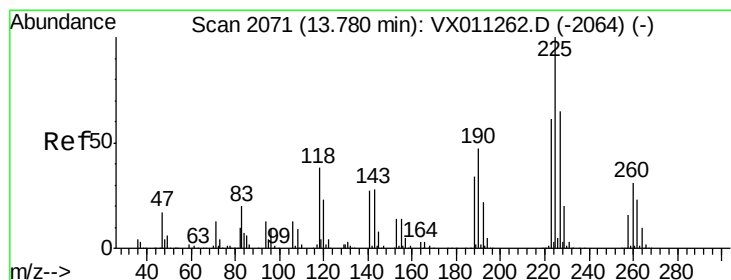
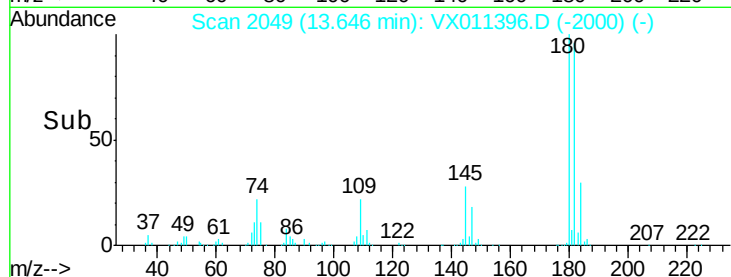
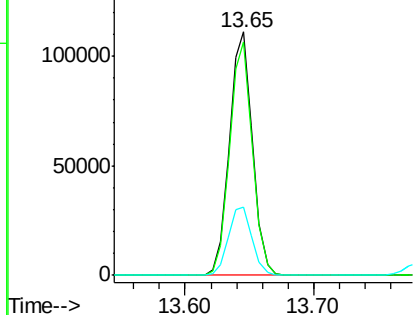


Abundance

Ion 179.80 (179.50 to 180.50): V

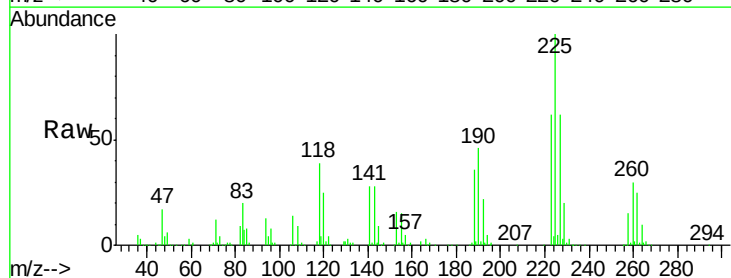
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.962 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68770		
223	62.5	31.0	93.0	
227	63.8	32.2	96.6	

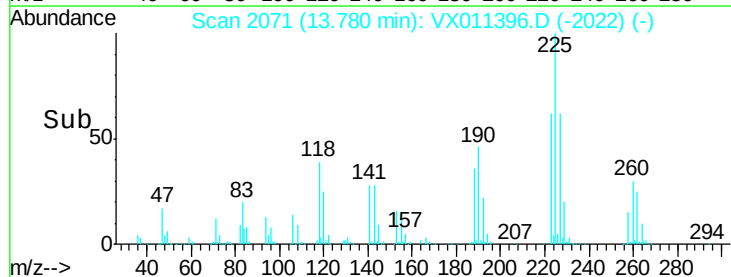
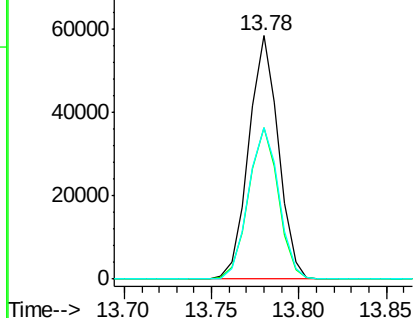


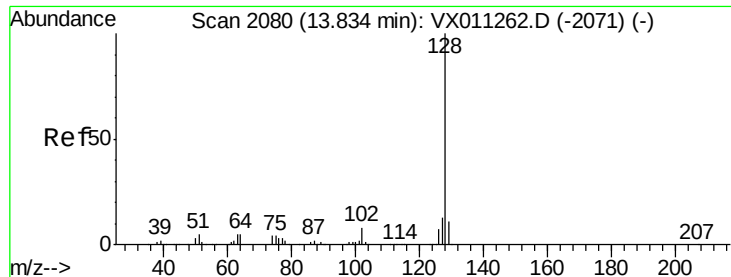
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





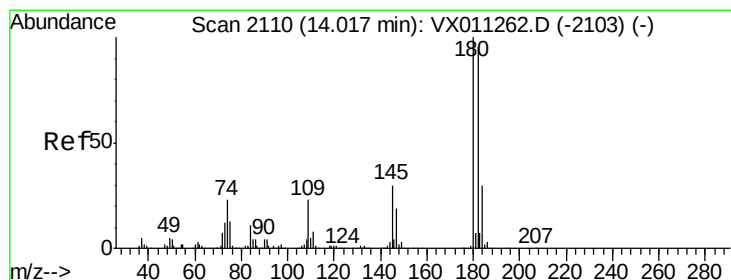
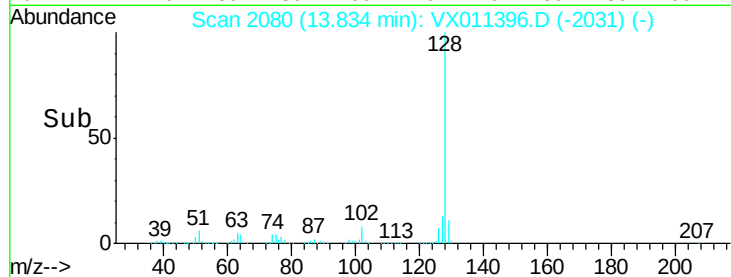
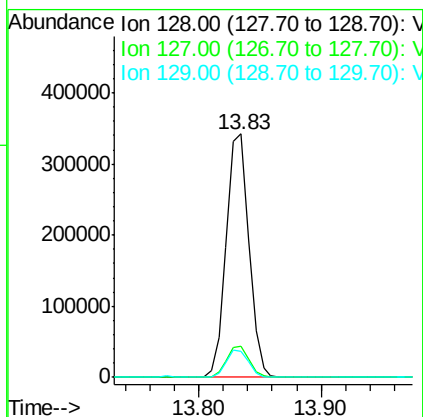
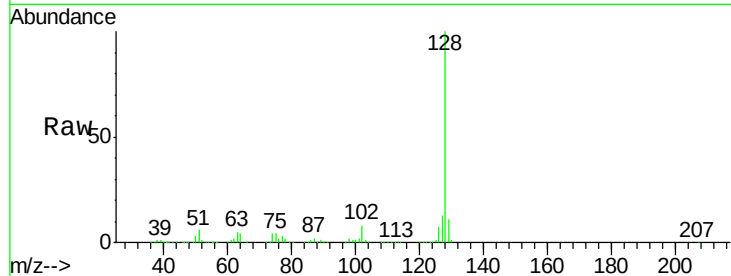
#95
Naphthalene
Concen: 52.017 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	439054		
127	12.8		10.4	15.6
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/9/2019 11:06:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.283 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141677		
182	95.7		47.4	142.3
145	31.0		15.2	45.6

