

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011594.D
 Acq On : 16 Aug 2019 20:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:35 AM

Quant Time: Aug 19 03:44:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	372782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	514179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	462530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	160482	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
35) Dibromofluoromethane	5.49	113	154930	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	8.71	98	492737	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.13	95	207176	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	205120	55.979	ug/l 100
3) Chloromethane	1.32	50	173058	45.472	ug/l 99
4) Vinyl Chloride	1.40	62	176350	51.296	ug/l 100
5) Bromomethane	1.63	94	77584	50.365	ug/l 96
6) Chloroethane	1.71	64	86518	53.173	ug/l 98
7) Trichlorofluoromethane	1.92	101	253973	53.335	ug/l 100
8) Diethyl Ether	2.18	74	87233	53.404	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	165200	50.227	ug/l 100
10) Methyl Iodide	2.50	142	208024	44.398	ug/l 99
11) Tert butyl alcohol	3.04	59	225435	265.807	ug/l 99
12) 1,1-Dichloroethene	2.37	96	162914	51.254	ug/l 94
13) Acrolein	2.29	56	60523	232.803	ug/l 99
14) Allyl chloride	2.72	41	277379	52.459	ug/l 98
15) Acrylonitrile	3.14	53	523425	269.656	ug/l 100
16) Acetone	2.43	43	452571	260.356	ug/l 99
17) Carbon Disulfide	2.56	76	381639	50.954	ug/l 100
18) Methyl Acetate	2.76	43	295521	54.817	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	567954	54.864	ug/l 100
20) Methylene Chloride	2.85	84	180334	49.410	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	173049	51.375	ug/l 98
22) Diisopropyl ether	3.85	45	566252	53.775	ug/l 99
23) Vinyl Acetate	3.81	43	2274310	272.750	ug/l 100
24) 1,1-Dichloroethane	3.69	63	311109	52.256	ug/l 98
25) 2-Butanone	4.67	43	739423	270.956	ug/l 97
26) 2,2-Dichloropropane	4.57	77	214957	47.972	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	202666	51.613	ug/l 100
28) Bromochloromethane	5.01	49	130347	49.874	ug/l 99
29) Tetrahydrofuran	5.12	42	482329	269.441	ug/l 99
30) Chloroform	5.20	83	321139	51.112	ug/l 99
31) Cyclohexane	5.57	56	273674	53.390	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	287755	53.263	ug/l 100
36) 1,1-Dichloropropene	5.79	75	230198	52.363	ug/l 99
37) Ethyl Acetate	4.82	43	275170	54.420	ug/l 100
38) Carbon Tetrachloride	5.78	117	254797	52.607	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	282781	52.088	ug/l	99
40) Benzene	6.13	78	708795	51.883	ug/l	98
41) Methacrylonitrile	5.03	41	153113	55.019	ug/l	98
42) 1,2-Dichloroethane	6.19	62	251436	53.122	ug/l	100
43) Isopropyl Acetate	6.44	43	428243	54.269	ug/l	100
44) Trichloroethene	7.21	130	211486	52.184	ug/l	99
45) 1,2-Dichloropropane	7.51	63	182614	53.599	ug/l	100
46) Dibromomethane	7.66	93	126037	50.906	ug/l	99
47) Bromodichloromethane	7.90	83	240729	52.954	ug/l	99
48) Methyl methacrylate	7.76	41	216833	55.487	ug/l	99
49) 1,4-Dioxane	7.74	88	107519	1034.447	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1421487	275.211	ug/l	100
52) Toluene	8.78	92	455150	52.295	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	260008	55.109	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	278577	53.954	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	191699	51.794	ug/l	98
56) Ethyl methacrylate	9.18	69	303811	56.476	ug/l	100
57) 1,3-Dichloropropane	9.37	76	309813	52.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	705315	263.140	ug/l	99
59) 2-Hexanone	9.49	43	1101903	276.646	ug/l	99
60) Dibromochloromethane	9.58	129	213724	55.423	ug/l	98
61) 1,2-Dibromoethane	9.67	107	211942	53.655	ug/l	98
64) Tetrachloroethene	9.34	164	198060	52.190	ug/l	99
65) Chlorobenzene	10.13	112	517850	52.492	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	200520	54.381	ug/l	100
67) Ethyl Benzene	10.25	91	890989	54.116	ug/l	100
68) m/p-Xylenes	10.35	106	687536	108.790	ug/l	98
69) o-Xylene	10.69	106	337810	54.569	ug/l	98
70) Styrene	10.71	104	577635	55.428	ug/l	100
71) Bromoform	10.85	173	175870	49.142	ug/l #	99
73) Isopropylbenzene	11.02	105	904845	54.950	ug/l	99
74) N-amyl acetate	10.90	43	383246	54.767	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	298092	52.624	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	262095m	54.466	ug/l	
77) Bromobenzene	11.25	156	261719	53.421	ug/l	100
78) n-propylbenzene	11.36	91	982364	55.325	ug/l	100
79) 2-Chlorotoluene	11.42	91	587870	53.918	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	763571	55.201	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	86646	48.887	ug/l	98
82) 4-Chlorotoluene	11.51	91	683872	54.064	ug/l	100
83) tert-Butylbenzene	11.77	119	774324	54.962	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	773455	55.697	ug/l	99
85) sec-Butylbenzene	11.94	105	875806	55.100	ug/l	100
86) p-Isopropyltoluene	12.06	119	833025	55.708	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	448077	53.210	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	450682	52.805	ug/l	99
89) n-Butylbenzene	12.38	91	677945	55.145	ug/l	100
90) Hexachloroethane	12.59	117	129304	54.758	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	439766	52.024	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70324	54.264	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	347091	55.107	ug/l	99
94) Hexachlorobutadiene	13.78	225	179108	52.224	ug/l	98
95) Naphthalene	13.83	128	1034965	58.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	350903	55.236	ug/l	100

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

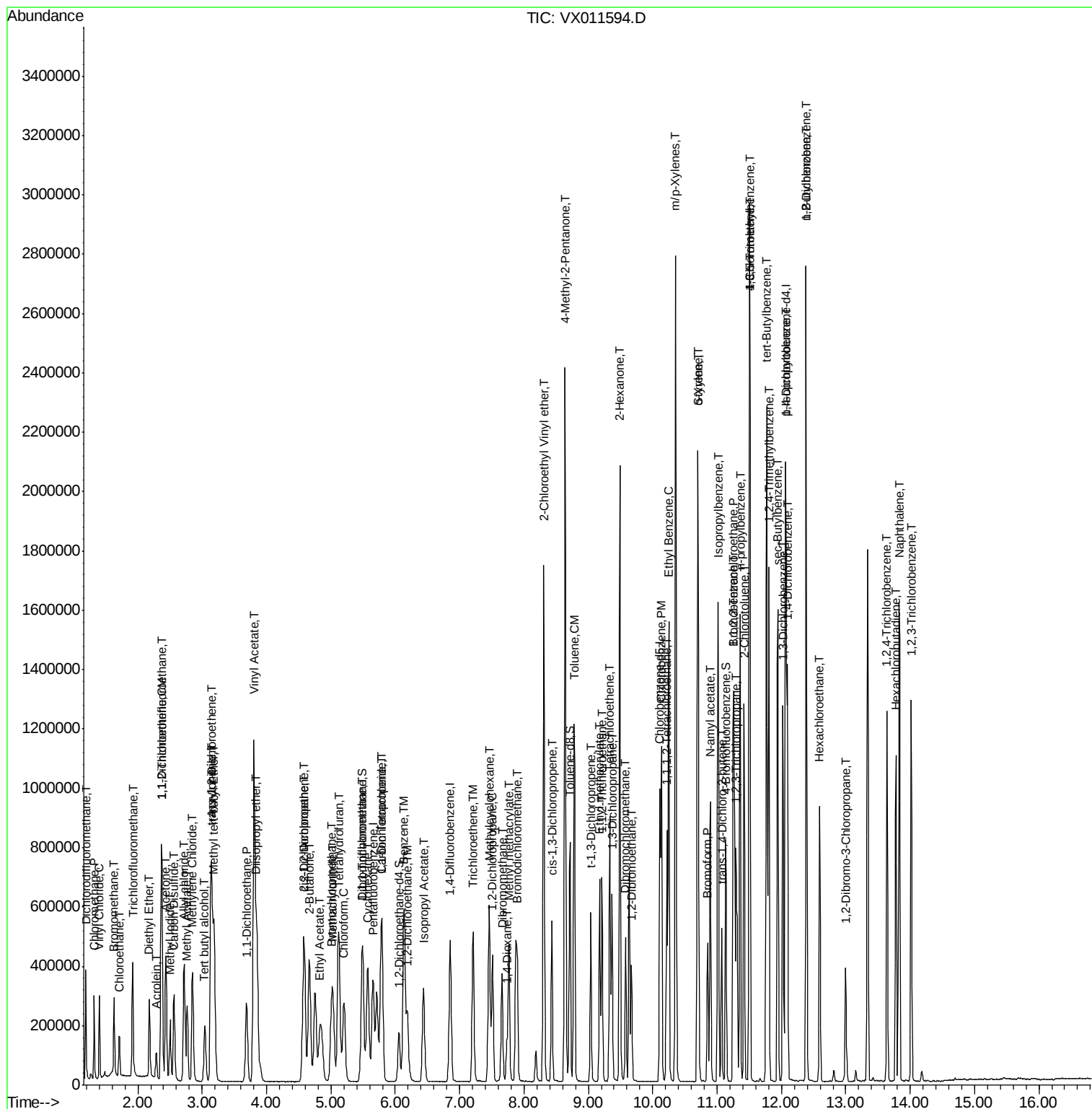
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
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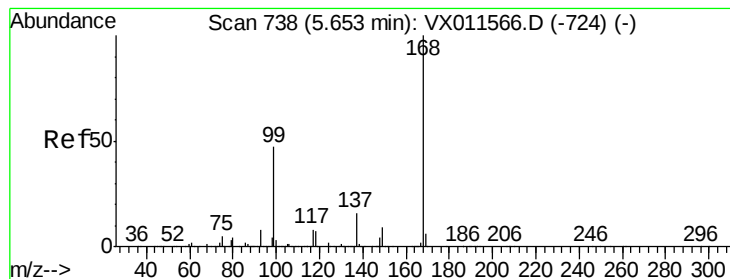
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 372782

Ion Ratio Lower Upper

168 100

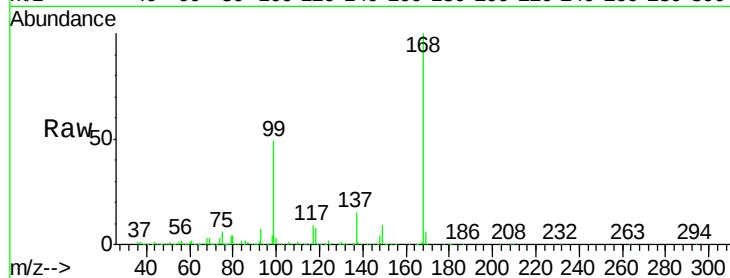
99 48.3 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

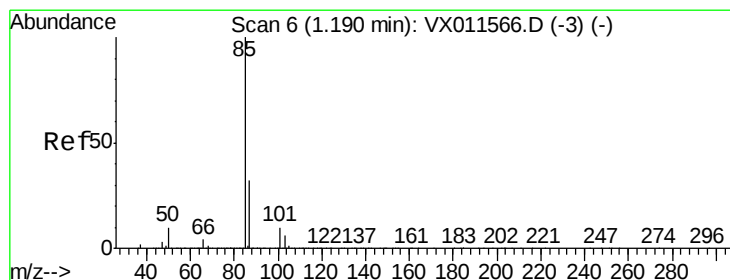
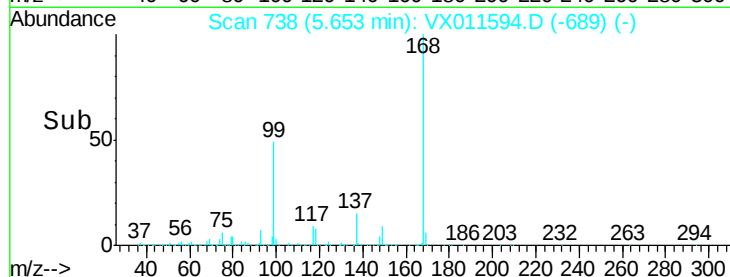
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 55.979 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011594.D

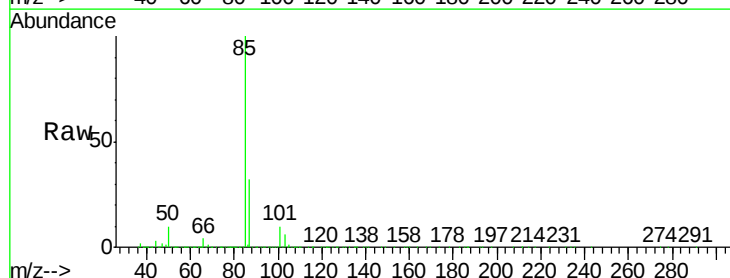
Acq: 16 Aug 2019 20:19

Tgt Ion: 85 Resp: 205120

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

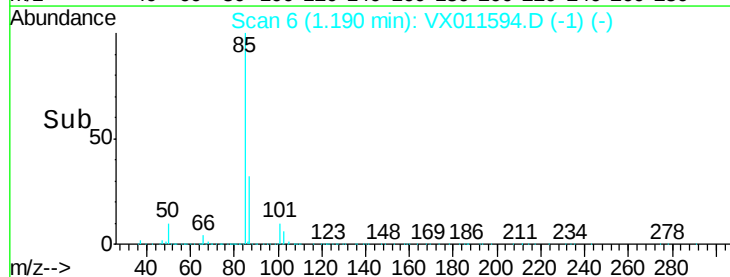
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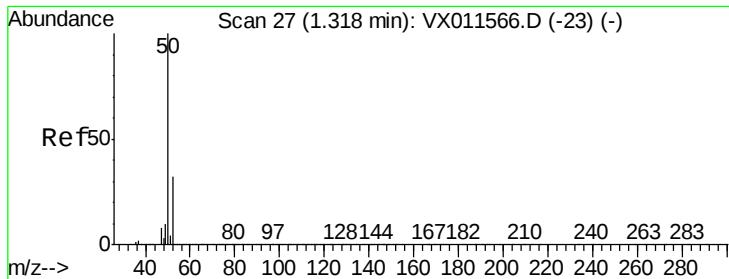
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.472 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 173058

Ion Ratio Lower Upper

50 100

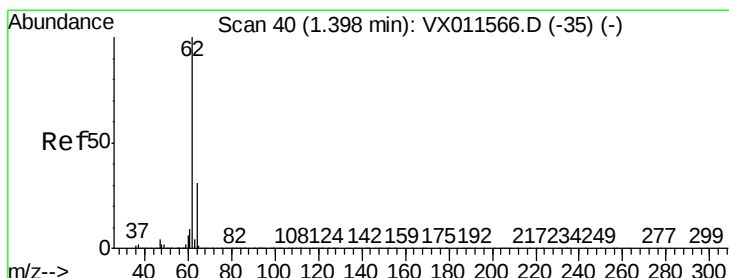
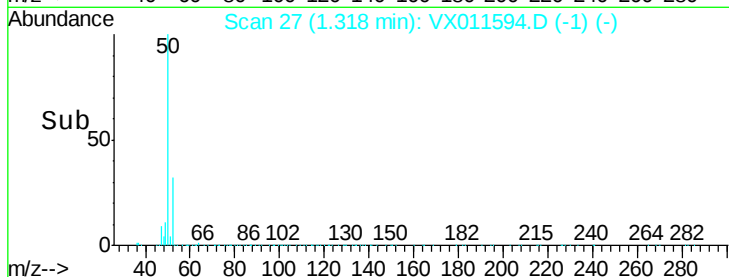
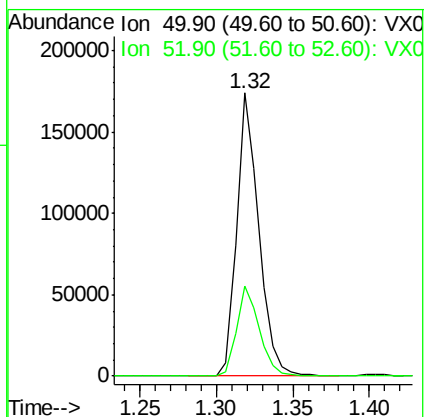
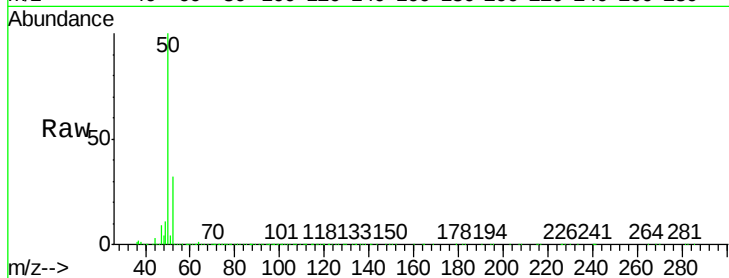
52 32.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.296 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011594.D

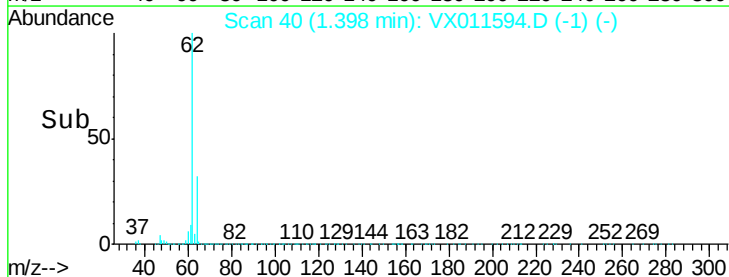
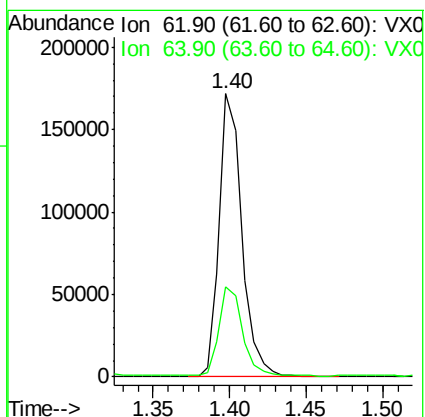
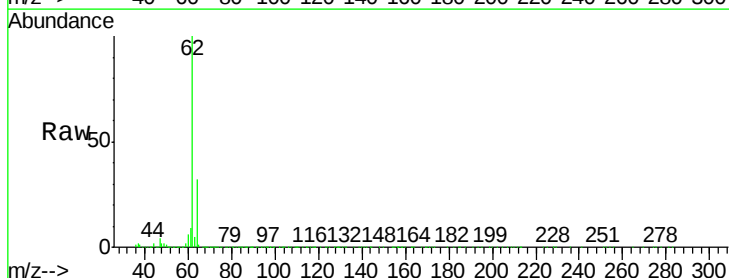
Acq: 16 Aug 2019 20:19

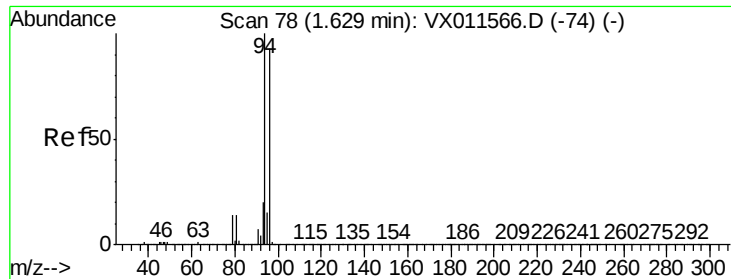
Tgt Ion: 62 Resp: 176350

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 50.365 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 77584

Ion Ratio Lower Upper

94 100

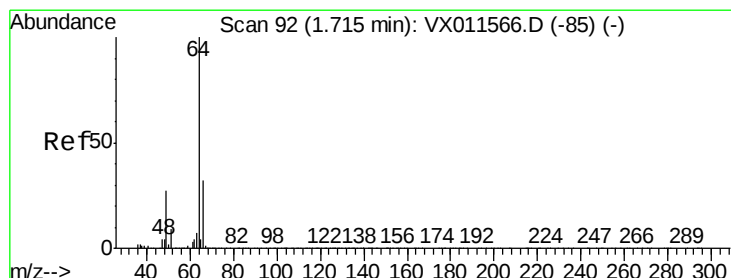
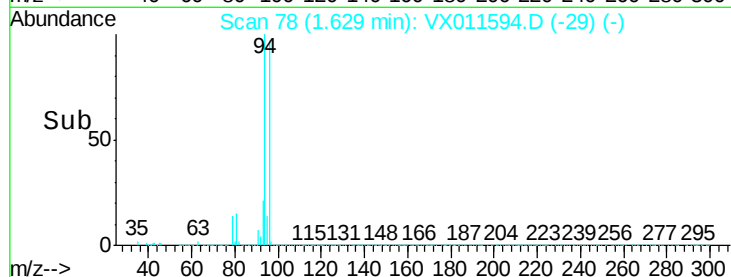
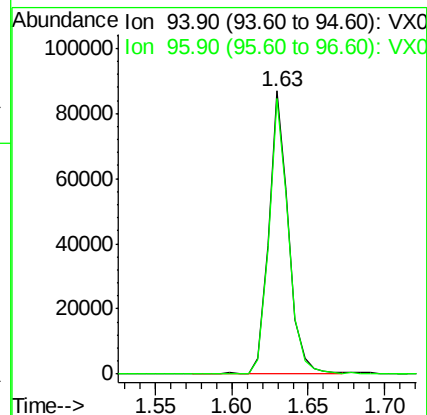
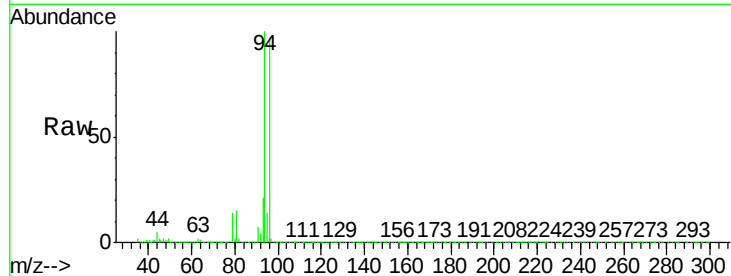
96 97.2 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 53.173 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011594.D

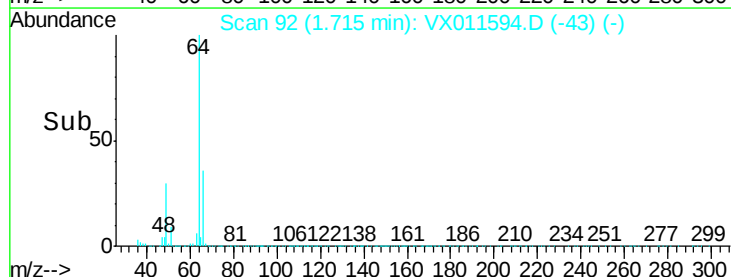
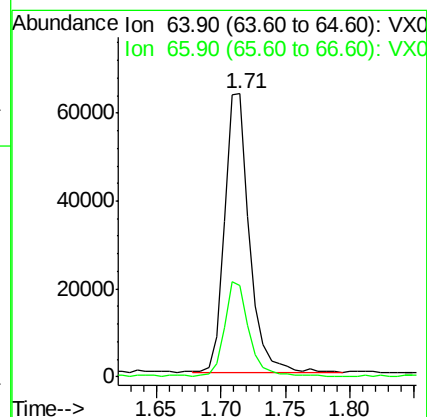
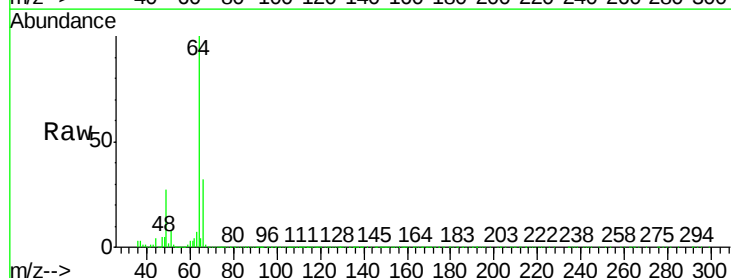
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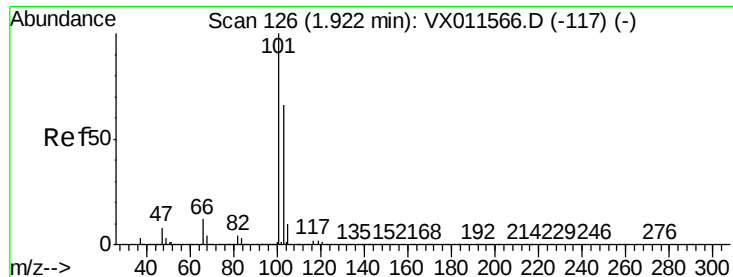
Tgt Ion: 64 Resp: 86518

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9





#7

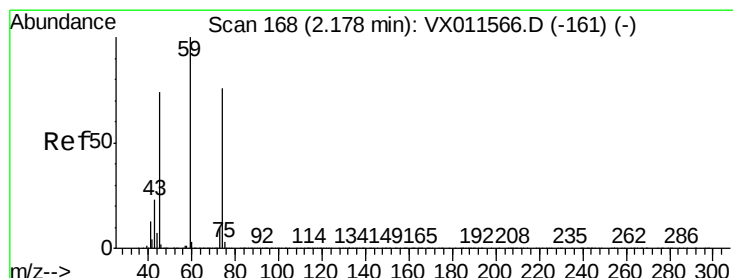
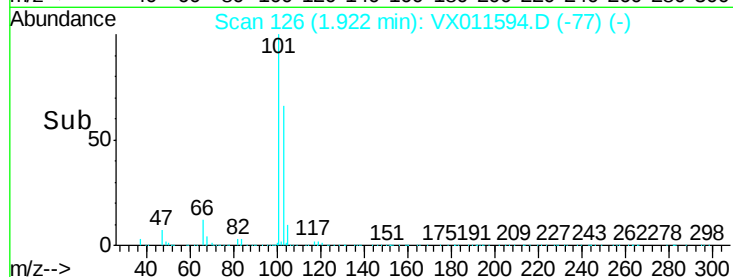
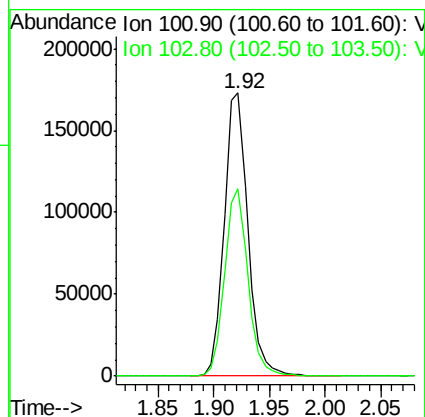
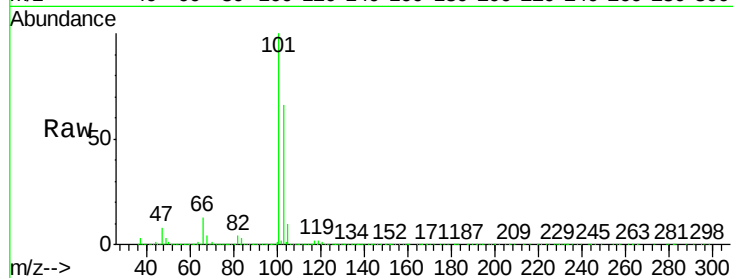
Trichlorofluoromethane
Concen: 53.335 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.9	79.3

Manual Integrations
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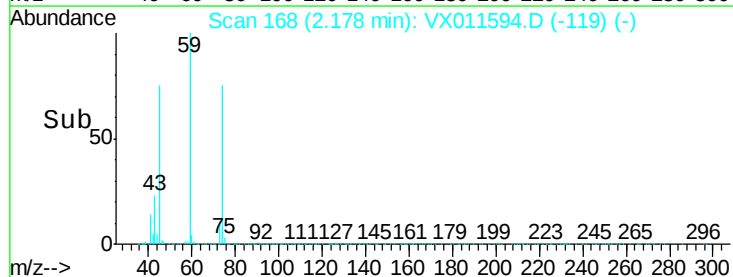
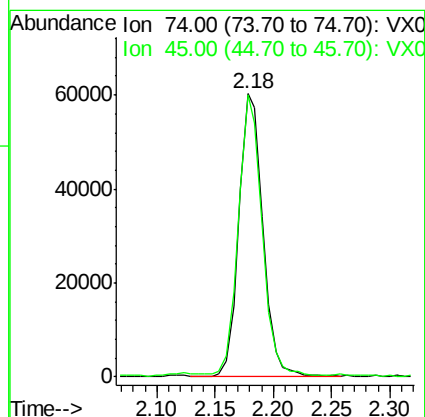
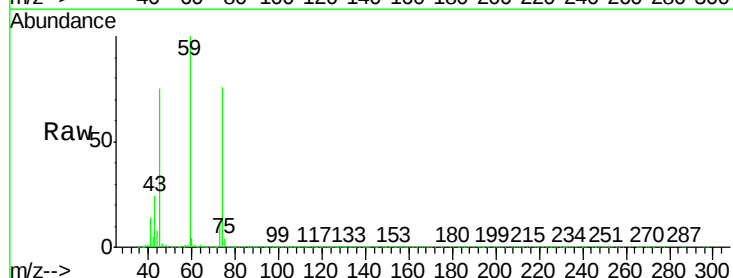
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8/19/2019 10:29:35 AM

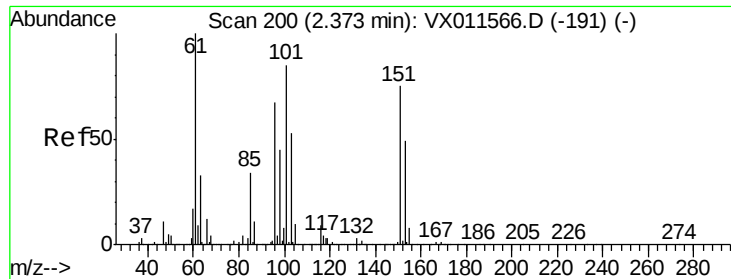


#8

Diethyl Ether
Concen: 53.404 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.227 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

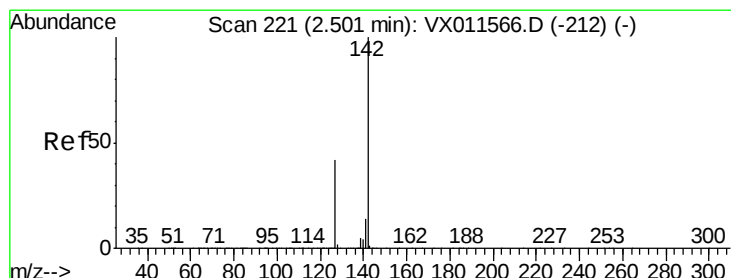
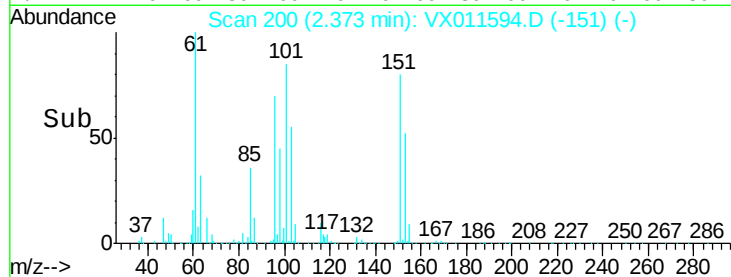
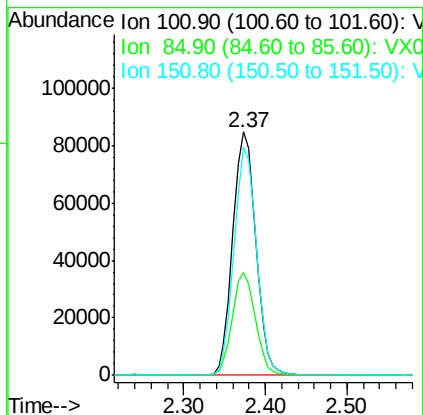
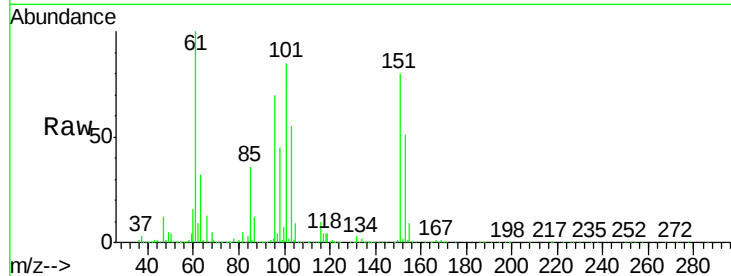
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	165200
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.0	49.4
151	91.5	73.3	109.9

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#10

Methyl Iodide

Concen: 44.398 ug/l

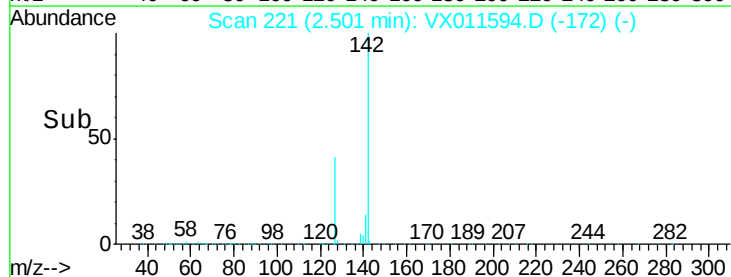
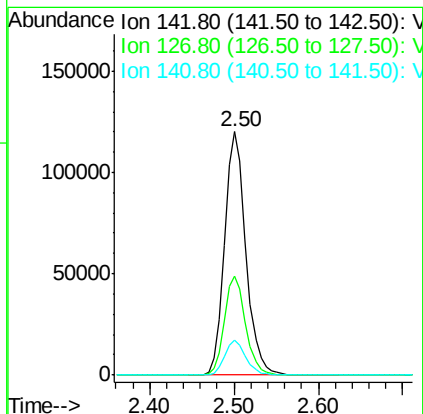
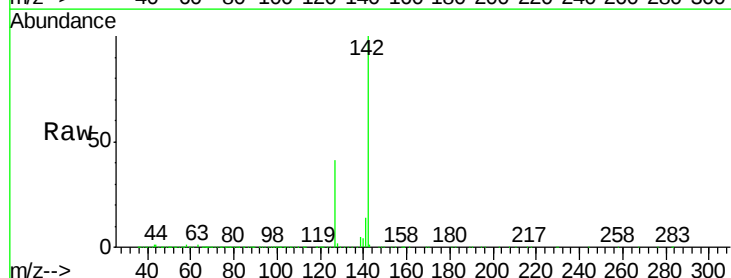
RT: 2.50 min Scan# 221

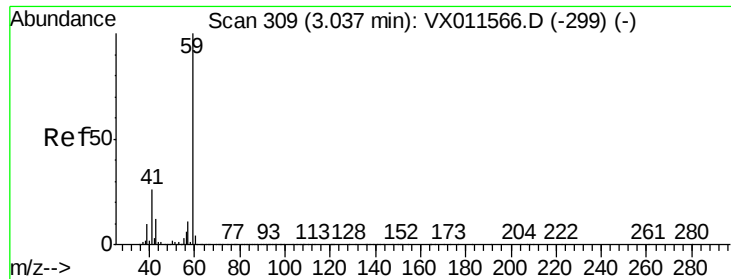
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	142	Resp:	208024
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.8	49.2
141	14.4	11.4	17.2





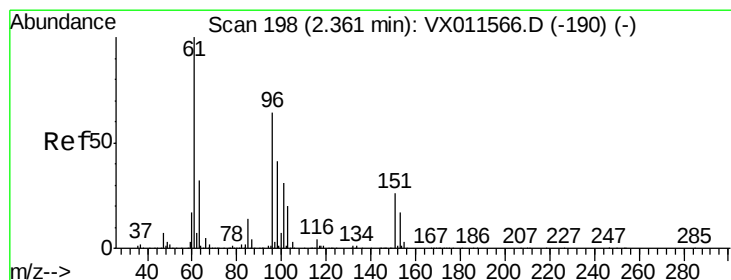
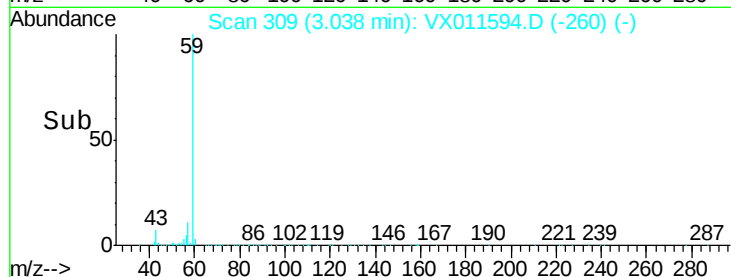
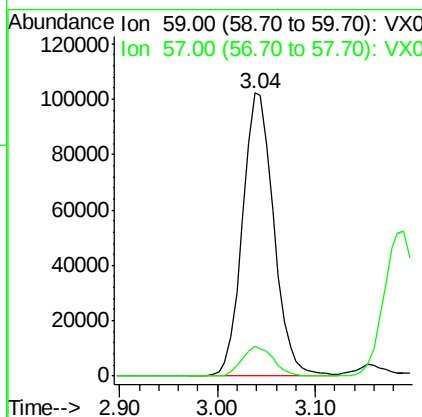
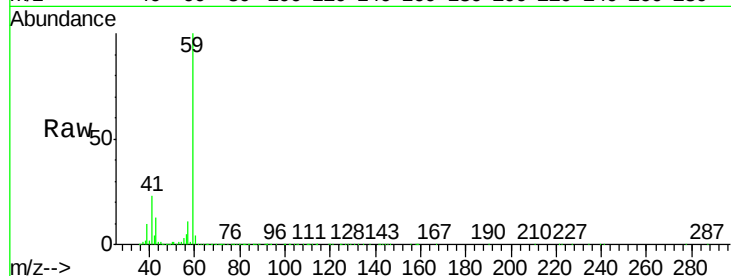
#11
Tert butyl alcohol
Concen: 265.807 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.7	13.1

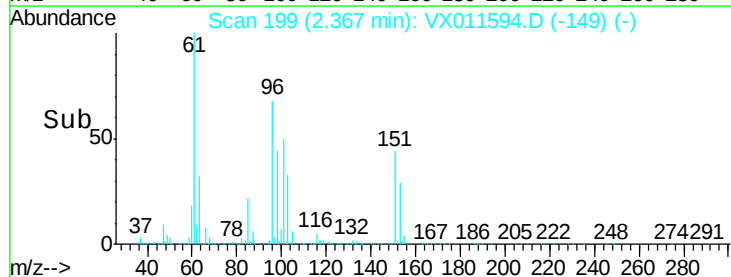
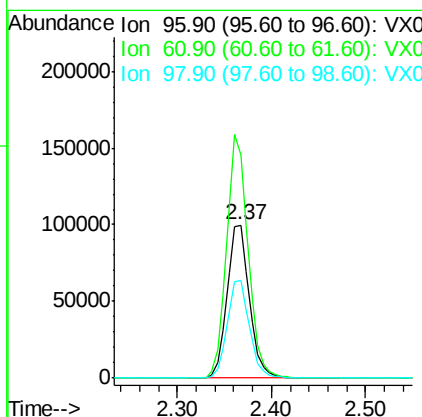
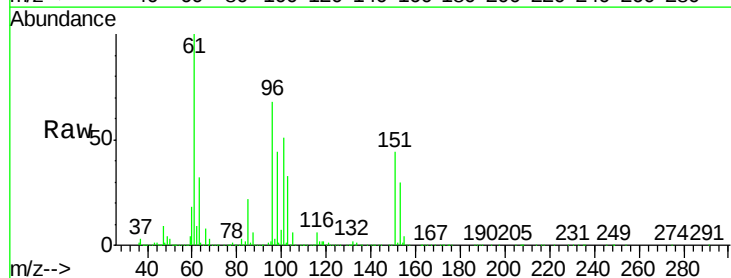
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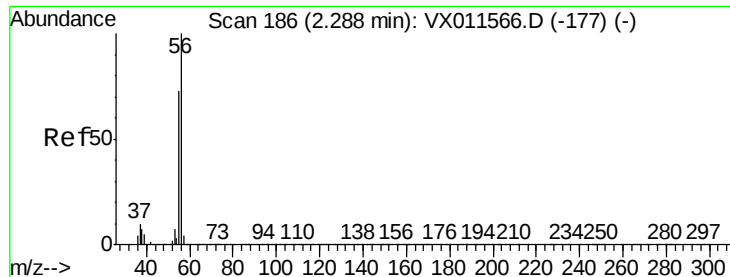
MMDadoda
8/19/2019 10:29:35 AM



#12
1,1-Dichloroethene
Concen: 51.254 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	125.0	187.4
98	64.1	51.5	77.3





#13

Acrolein

Concen: 232.803 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 60523

Ion Ratio Lower Upper

56 100

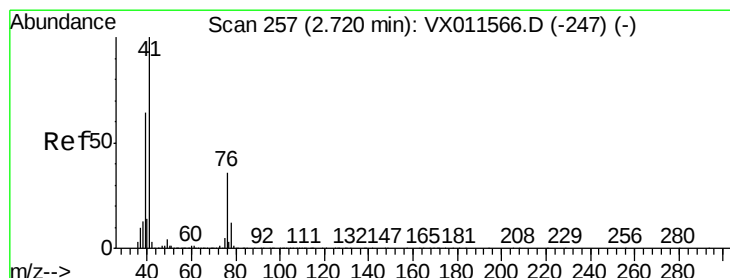
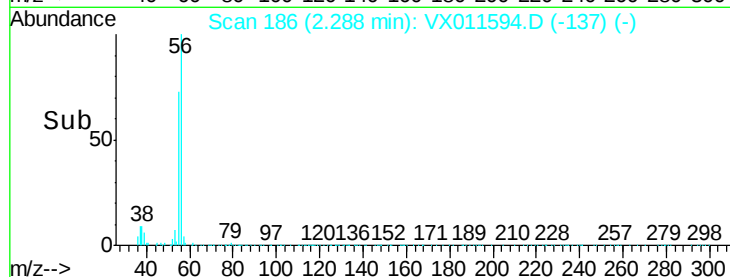
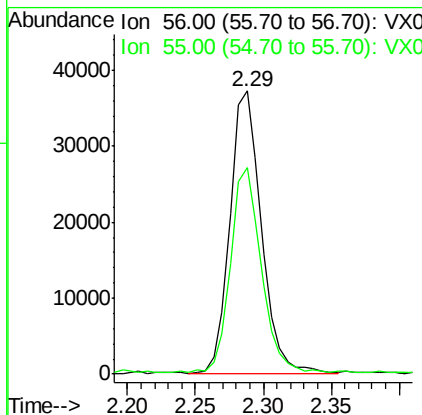
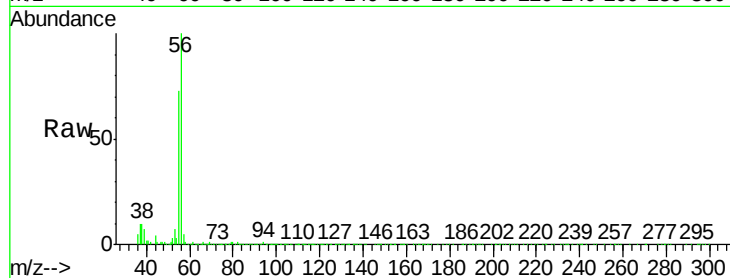
55 69.9 55.5 83.3

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#14

Allyl chloride

Concen: 52.459 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

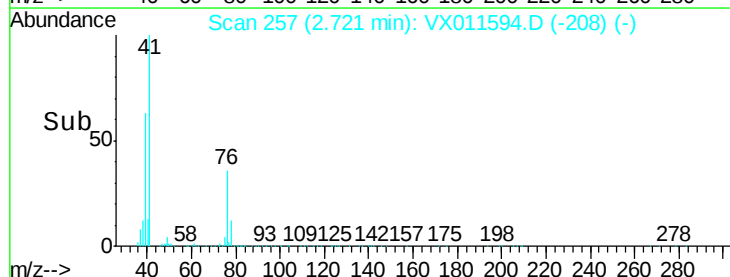
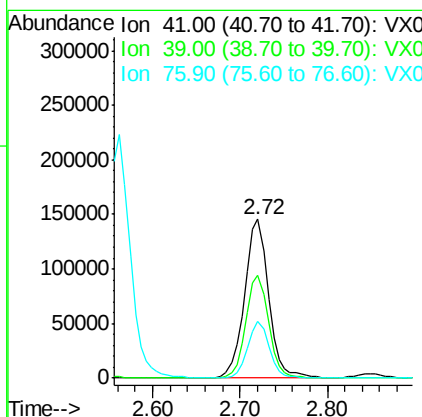
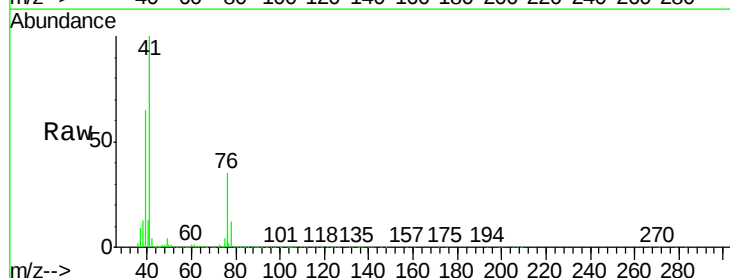
Tgt Ion: 41 Resp: 277379

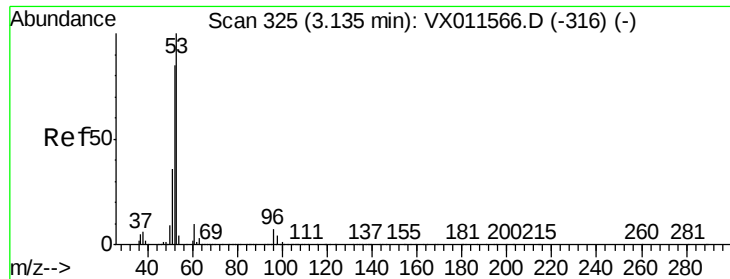
Ion Ratio Lower Upper

41 100

39 60.9 47.5 71.3

76 31.8 26.3 39.5





#15

Acrylonitrile

Concen: 269.656 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

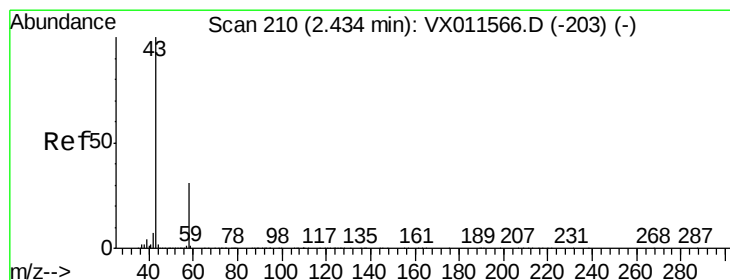
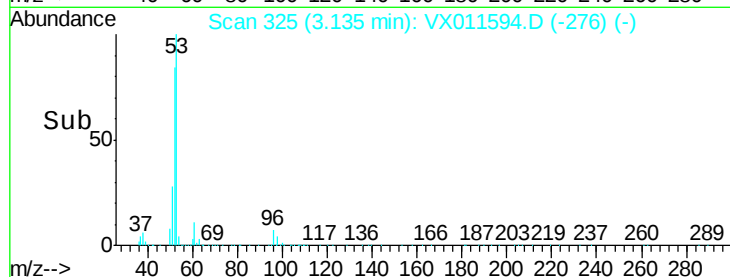
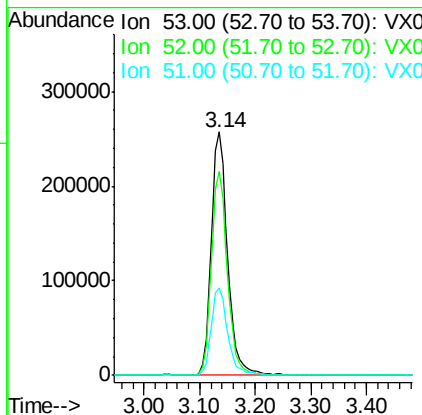
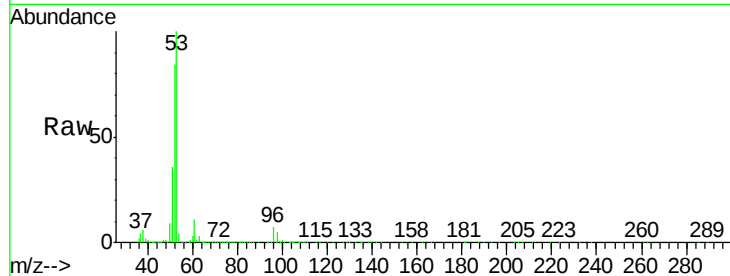
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	523425
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.7	100.1
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 260.356 ug/l

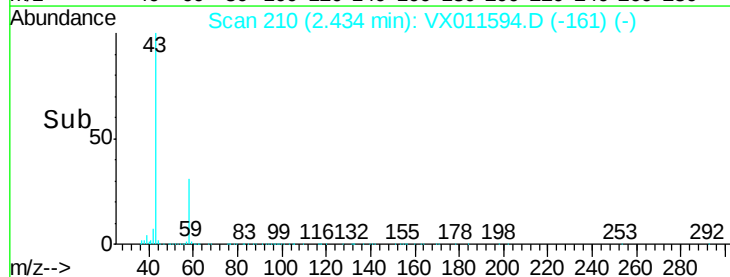
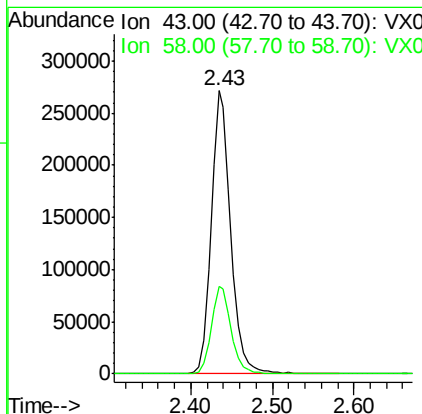
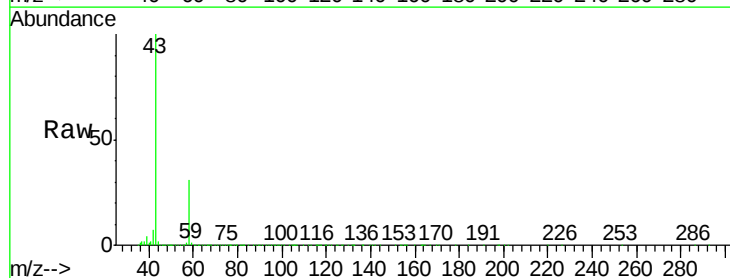
RT: 2.43 min Scan# 210

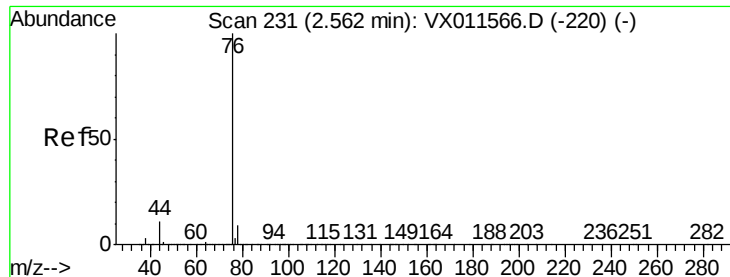
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	43	Resp:	452571
Ion Ratio		Lower	Upper
43	100		
58	31.1	25.2	37.8





#17

Carbon Disulfide

Concen: 50.954 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 381639

Ion Ratio Lower Upper

76 100

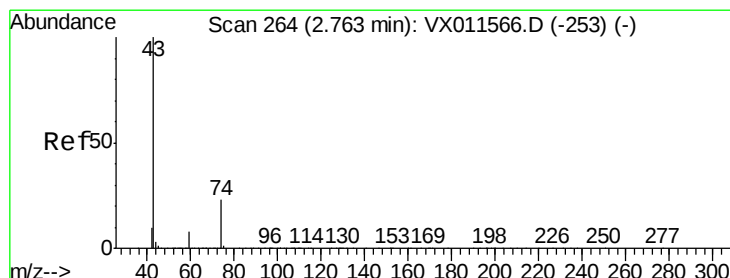
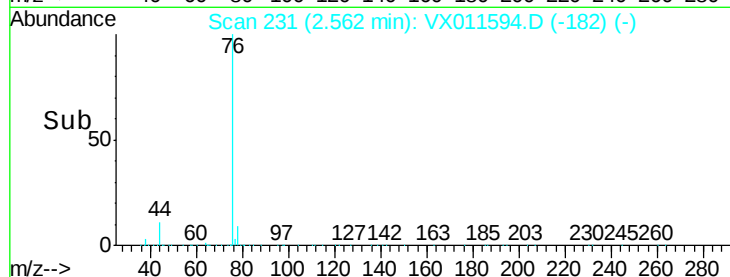
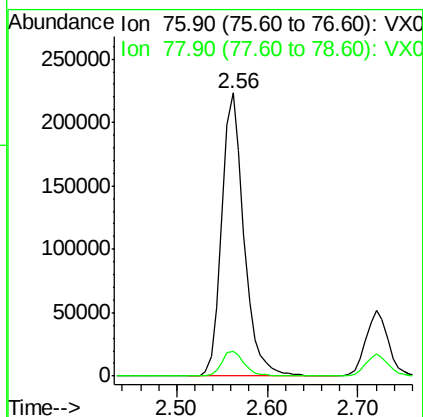
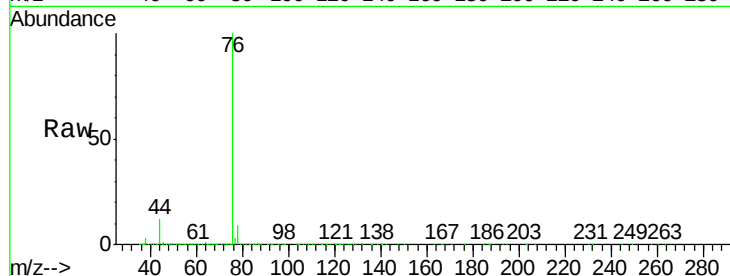
78 8.9 7.2 10.8

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#18

Methyl Acetate

Concen: 54.817 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011594.D

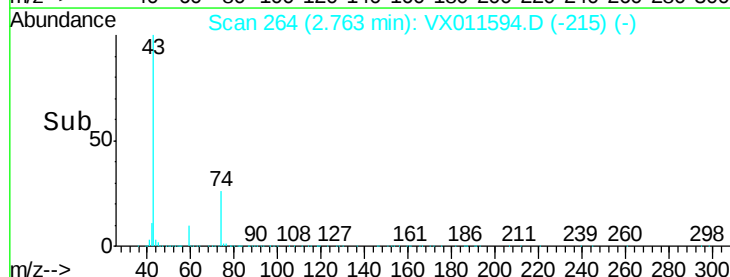
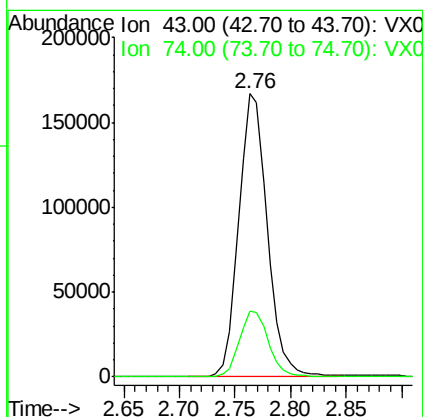
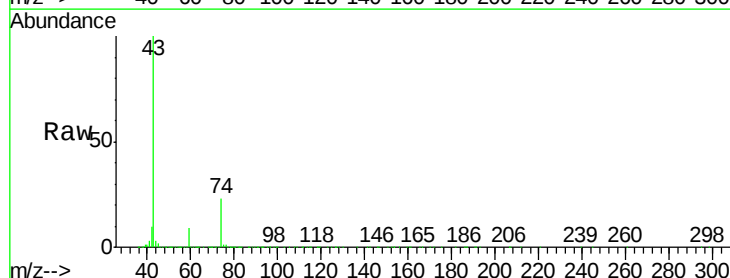
Acq: 16 Aug 2019 20:19

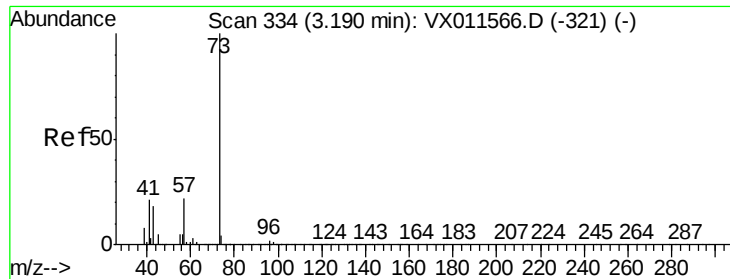
Tgt Ion: 43 Resp: 295521

Ion Ratio Lower Upper

43 100

74 24.3 19.7 29.5





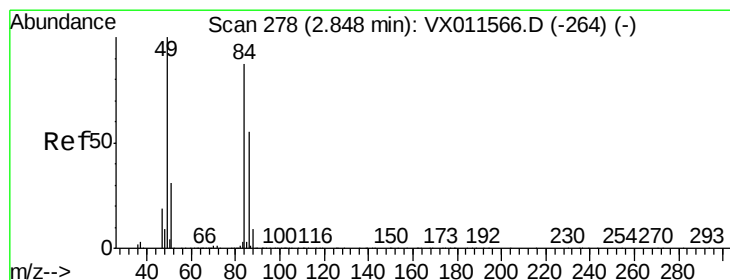
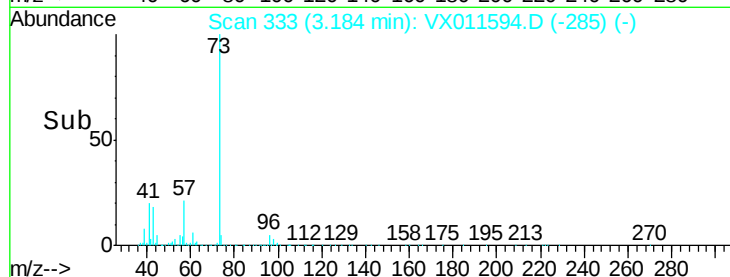
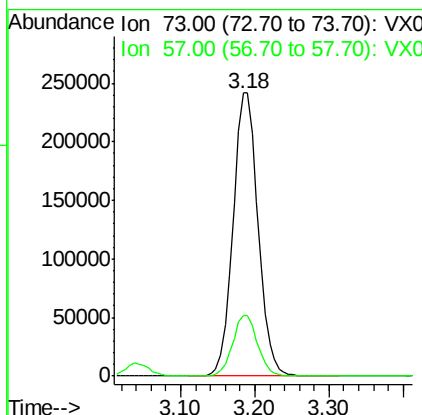
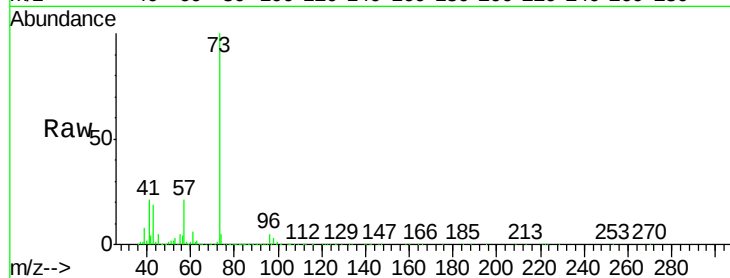
#19
Methvl tert-butvl Ether
Concen: 54.864 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.2	25.8

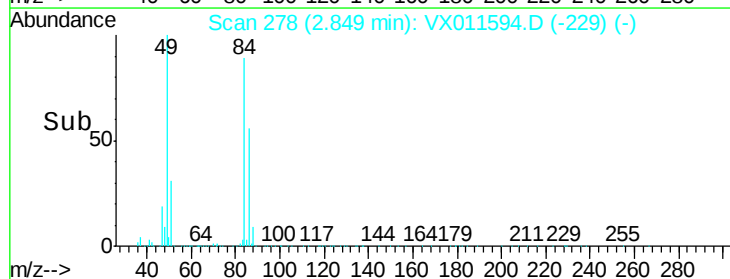
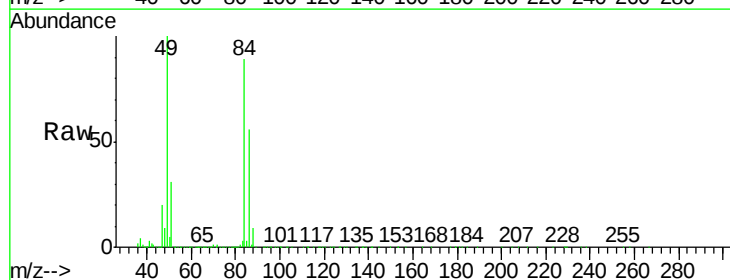
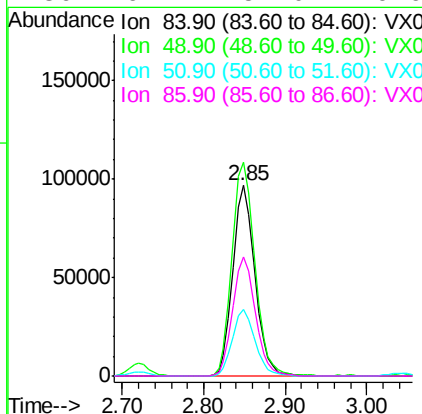
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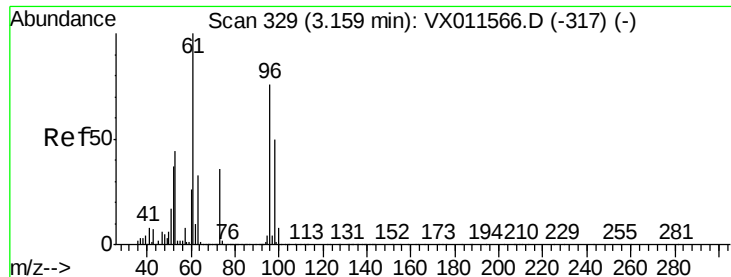
MMDadoda
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#20
Methylene Chloride
Concen: 49.410 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	92.4	138.6
51	34.9	28.5	42.7
86	62.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 51.375 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

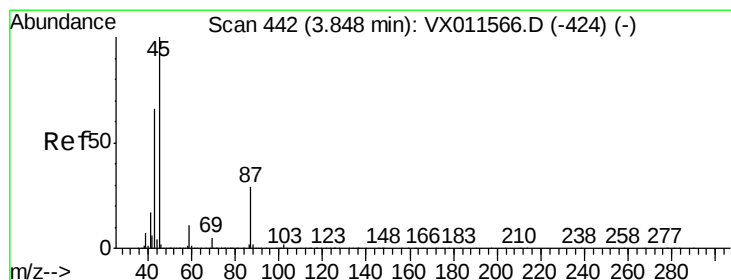
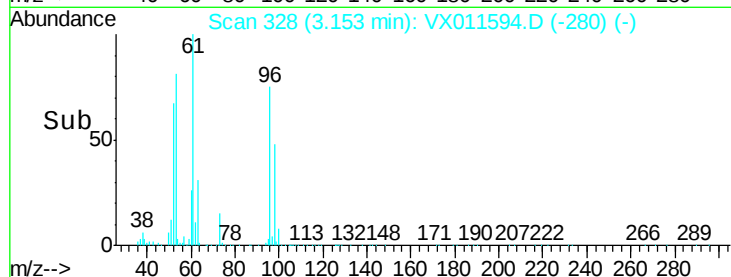
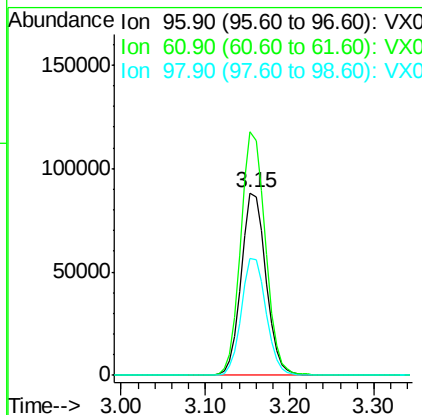
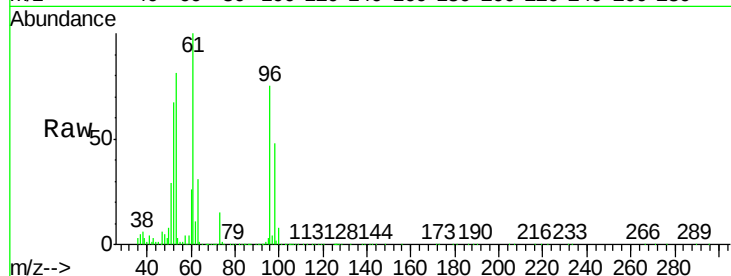
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	173049
Ion	Ratio	Lower	Upper
96	100		
61	133.2	105.5	158.3
98	63.9	52.6	78.8

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#22

Diisopropyl ether

Concen: 53.775 ug/l

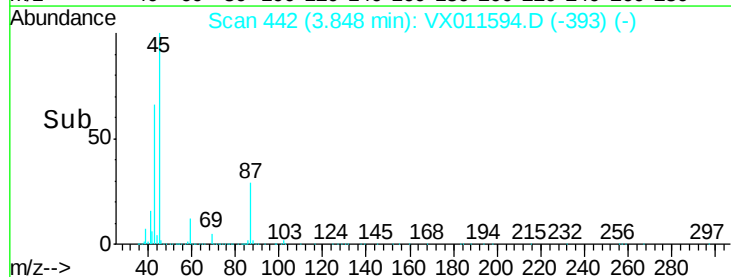
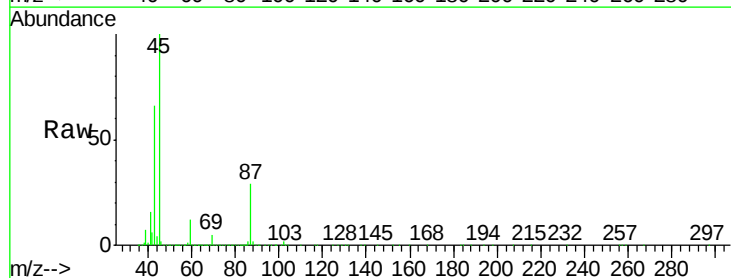
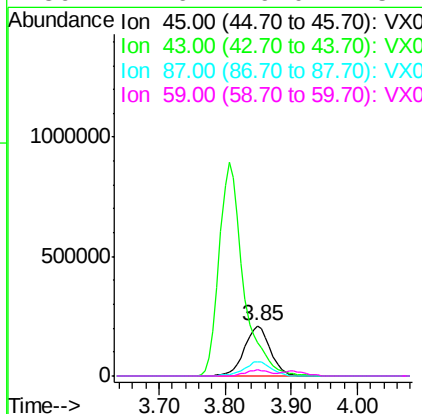
RT: 3.85 min Scan# 442

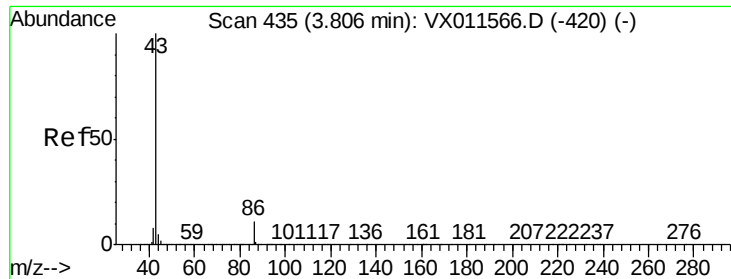
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	45	Resp:	566252
Ion	Ratio	Lower	Upper
45	100		
43	66.3	52.7	79.1
87	29.0	23.5	35.3
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 272.750 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 2274310

Ion Ratio Lower Upper

43 100

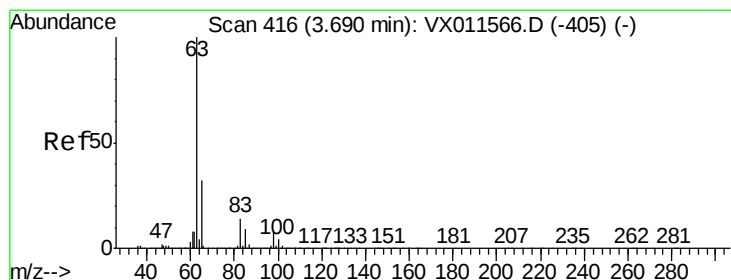
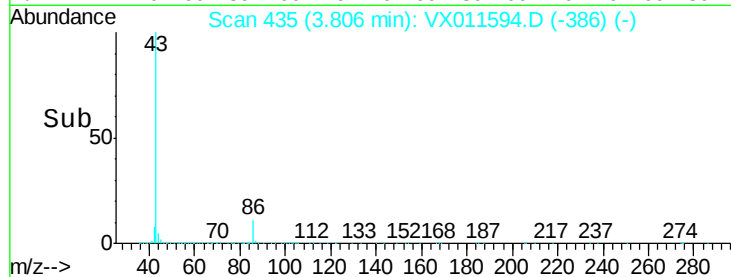
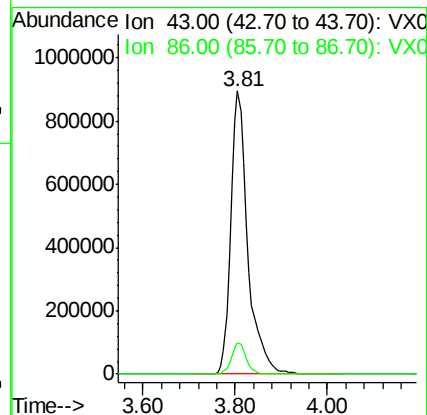
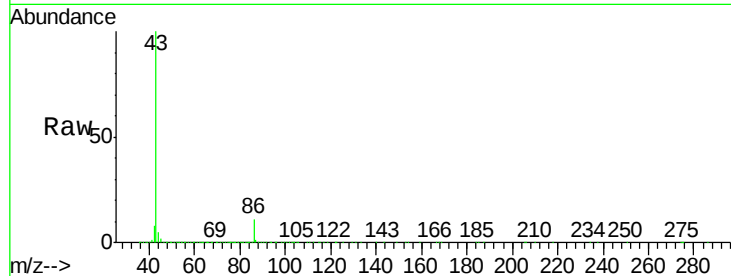
86 10.8 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.256 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

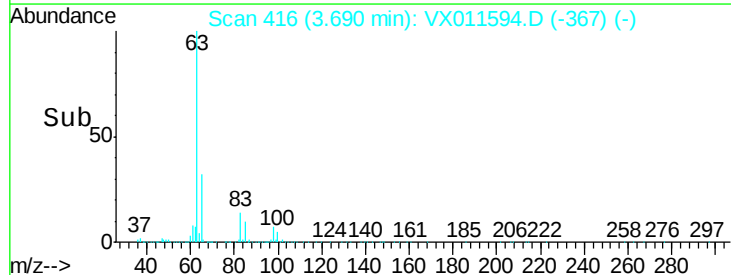
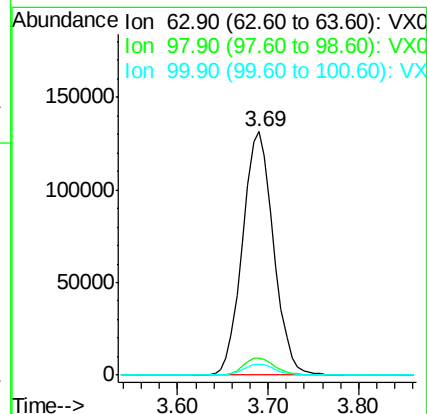
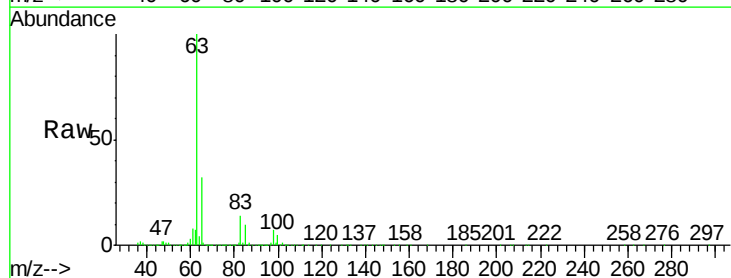
Tgt Ion: 63 Resp: 311109

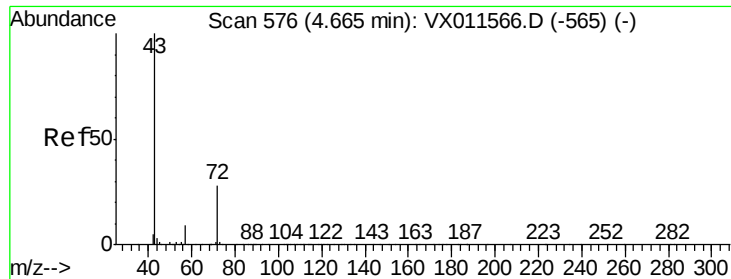
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 270.956 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 739423

Ion Ratio Lower Upper

43 100

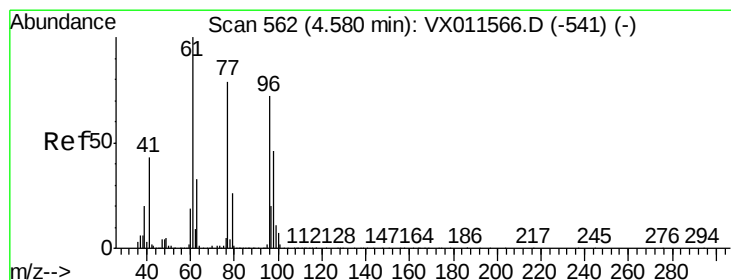
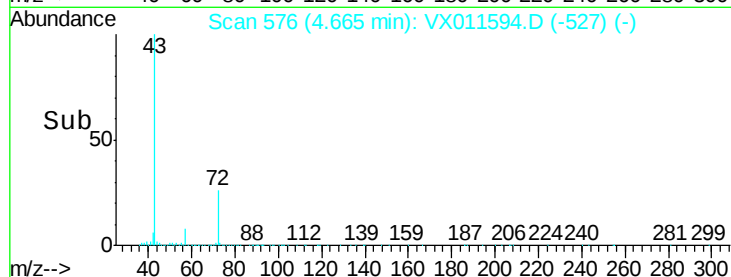
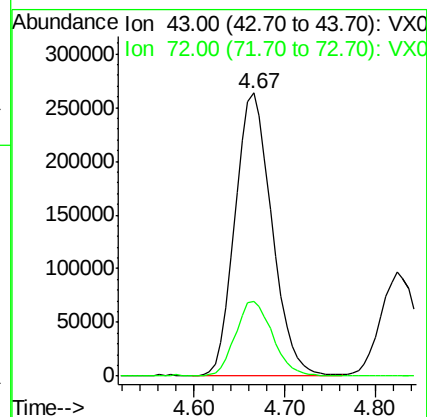
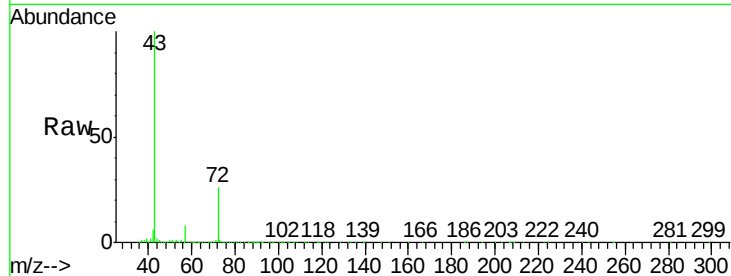
72 26.3 22.2 33.4

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#26

2,2-Dichloropropane

Concen: 47.972 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011594.D

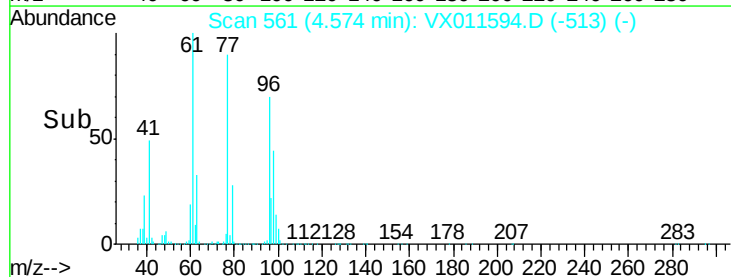
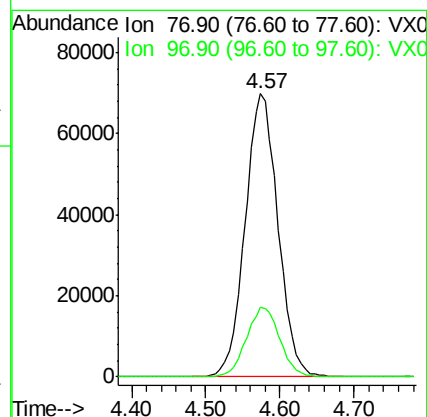
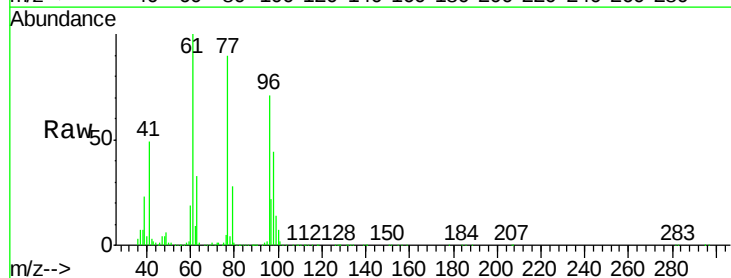
Acq: 16 Aug 2019 20:19

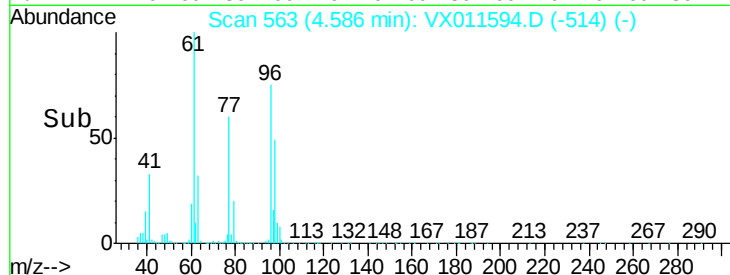
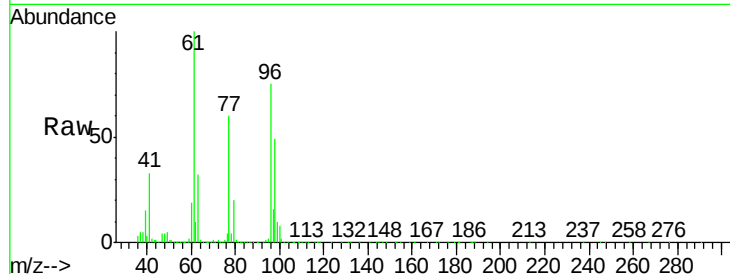
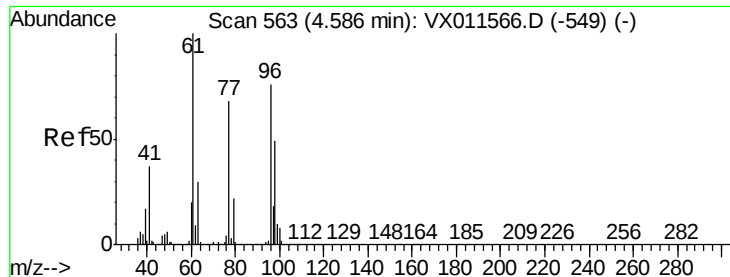
Tgt Ion: 77 Resp: 214957

Ion Ratio Lower Upper

77 100

97 25.1 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 51.613 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011594.D

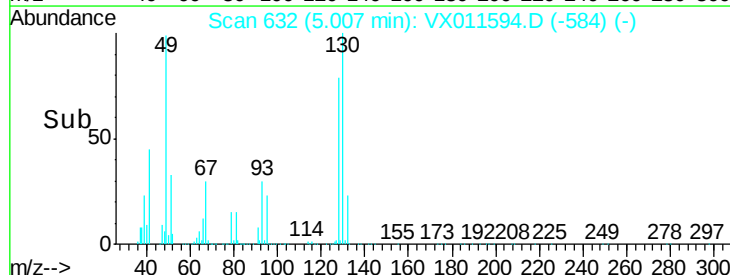
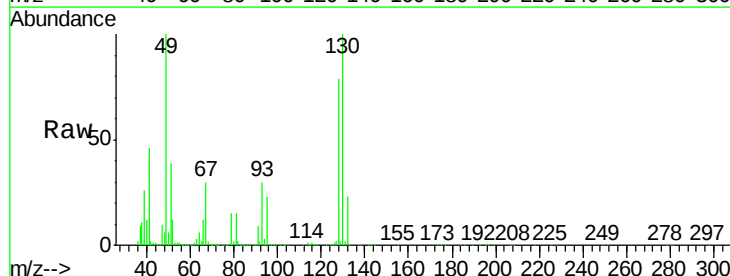
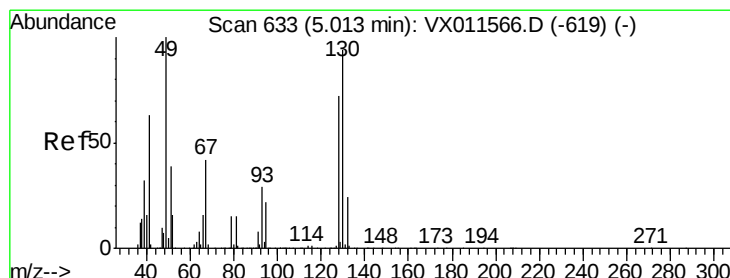
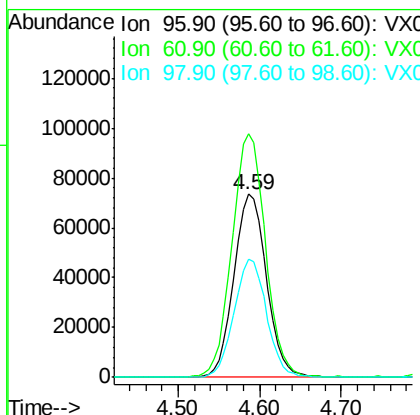
Acq: 16 Aug 2019 20:19

Tot Ion	Ratio	Resp	Lower	Upper
96	100	202666		
61	136.5	0.0	272.6	
98	64.8	0.0	129.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#28

Bromochloromethane

Concen: 49.874 ug/l

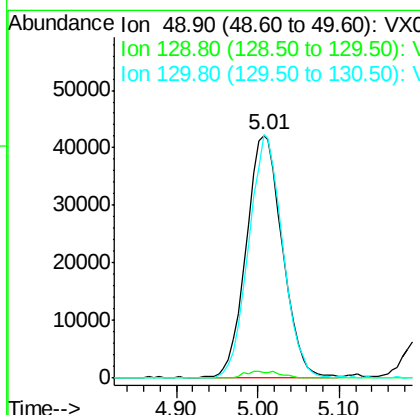
RT: 5.01 min Scan# 632

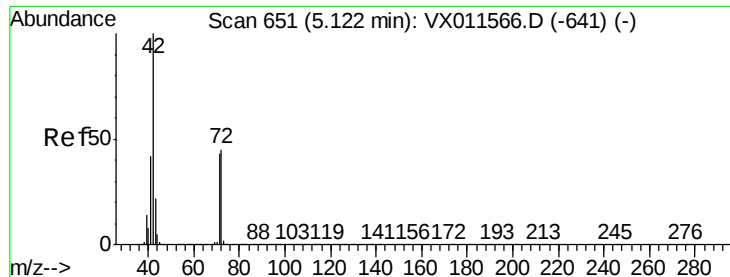
Delta R.T. -0.01 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130347		
129	2.9	0.0	5.0	
130	94.4	76.6	115.0	





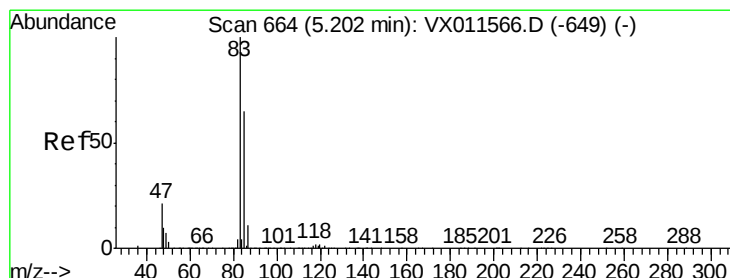
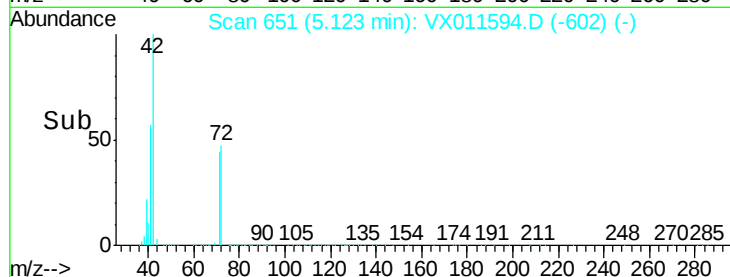
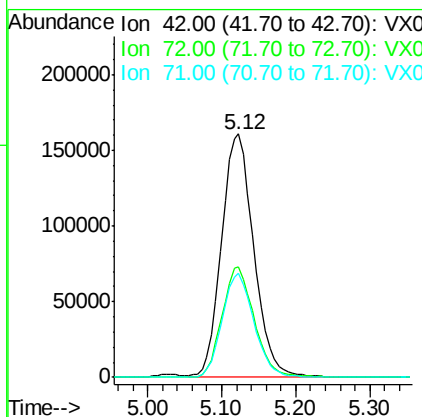
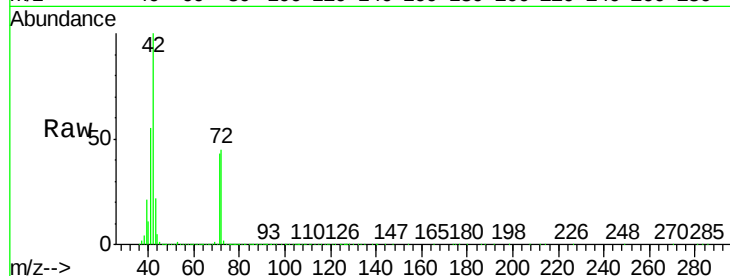
#29
Tetrahydrofuran
Concen: 269.441 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.1	54.1
71	42.4	33.8	50.8

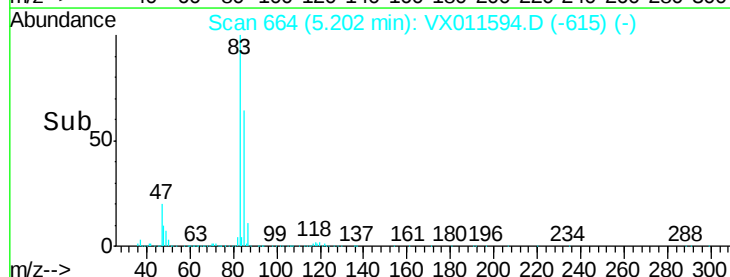
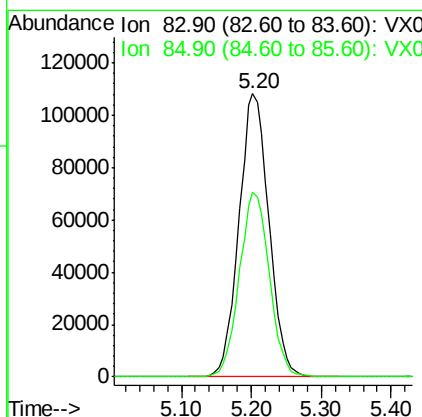
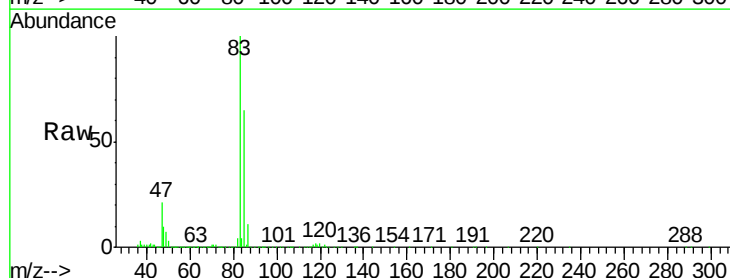
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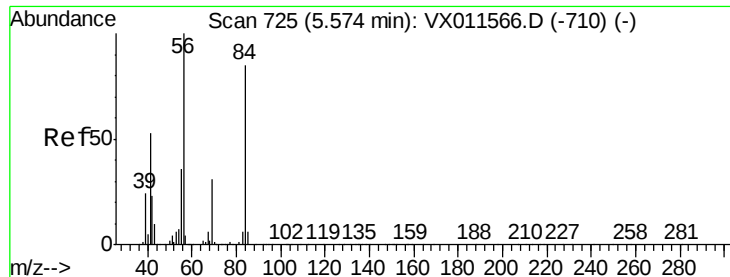
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#30
Chloroform
Concen: 51.112 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31

Cyclohexane

Concen: 53.390 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

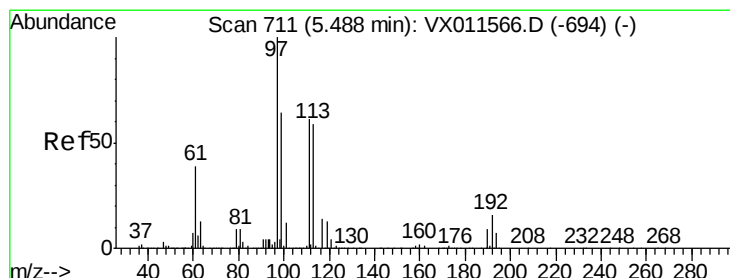
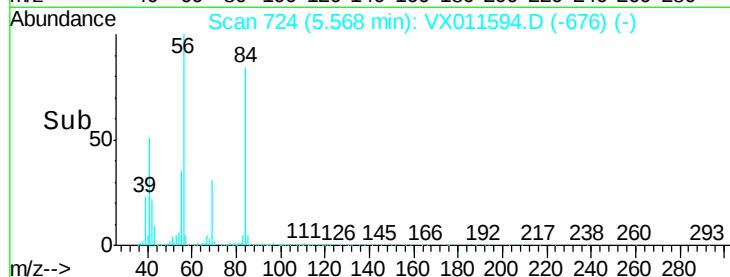
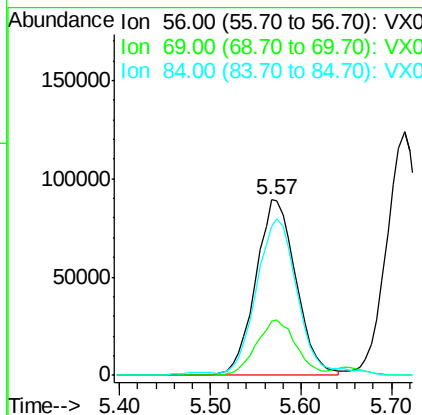
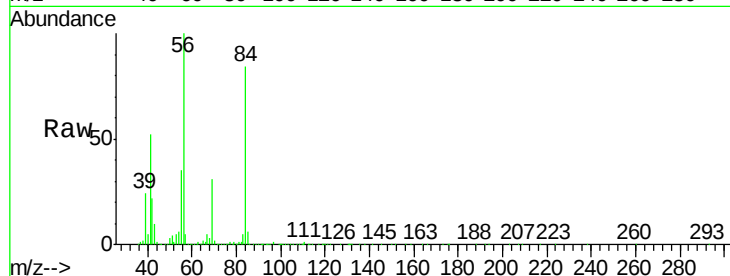
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	273674
Ion Ratio	Lower	Upper	
56	100		
69	30.5	24.8	37.2
84	83.2	67.9	101.9

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#32

1,1,1-Trichloroethane

Concen: 53.263 ug/l

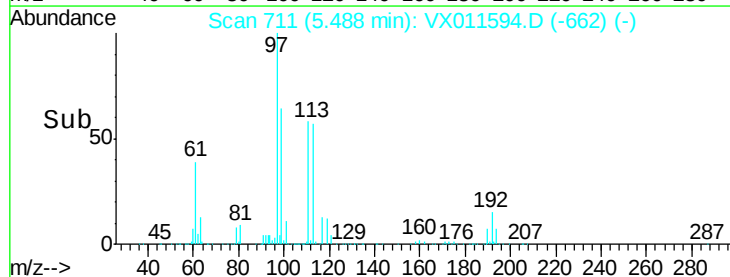
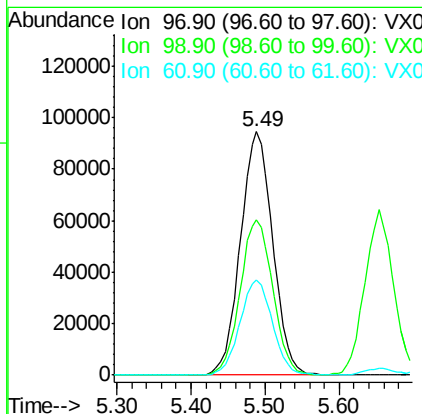
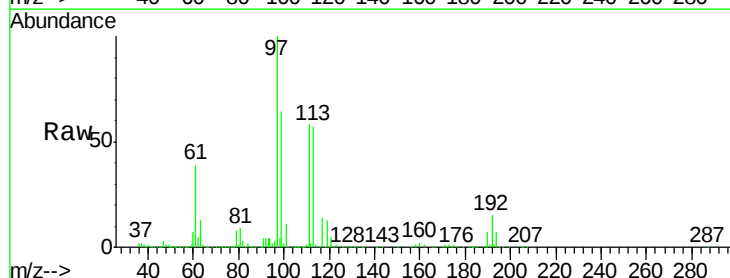
RT: 5.49 min Scan# 711

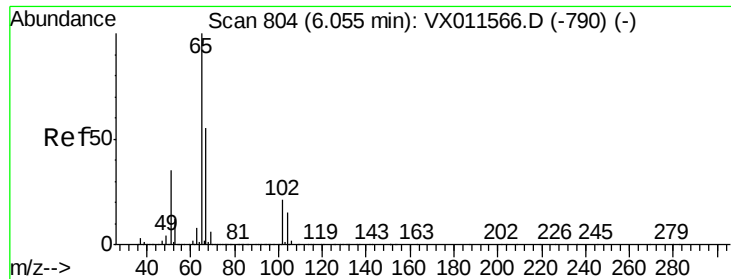
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	97	Resp:	287755
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.4	77.0
61	39.2	31.4	47.2





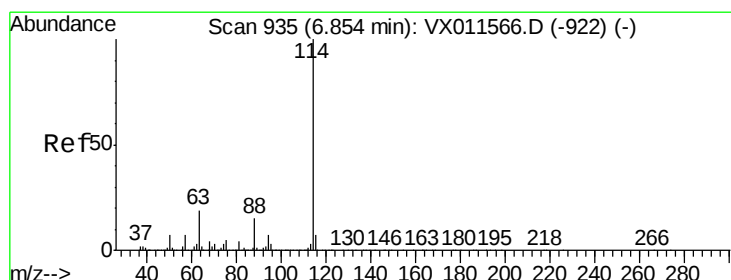
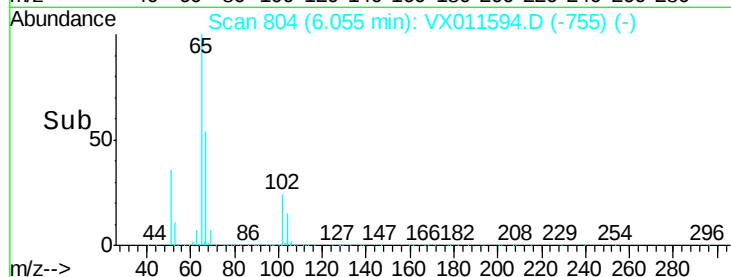
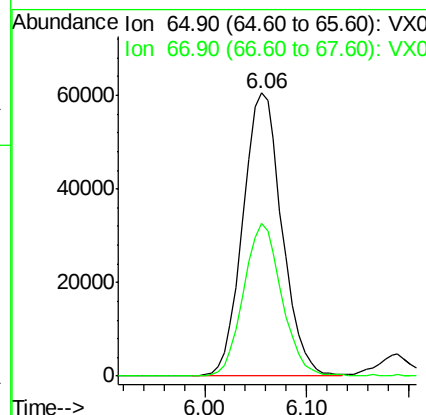
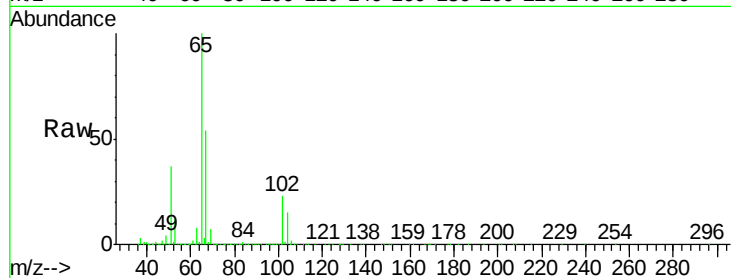
#33
 1,2-Dichloroethane-d4
 Concen: 46.422 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160482		
67	52.5	0.0	107.6	

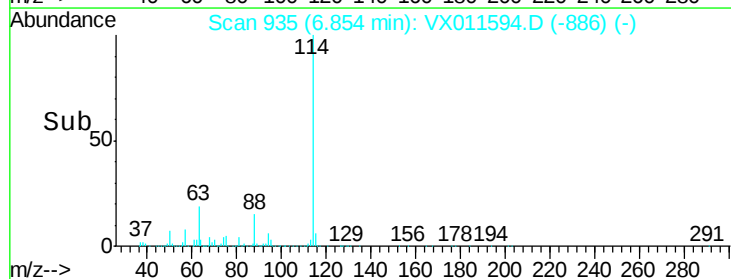
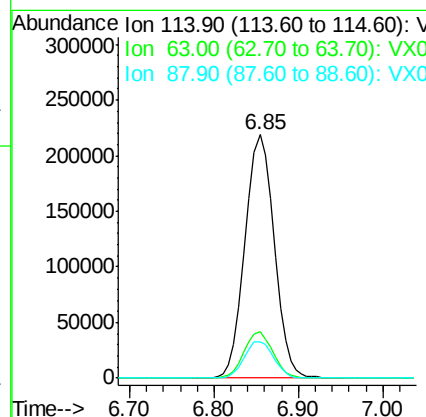
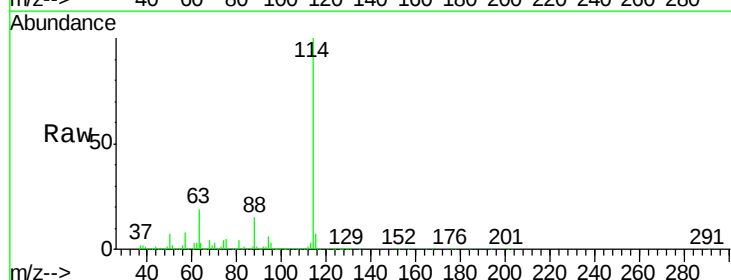
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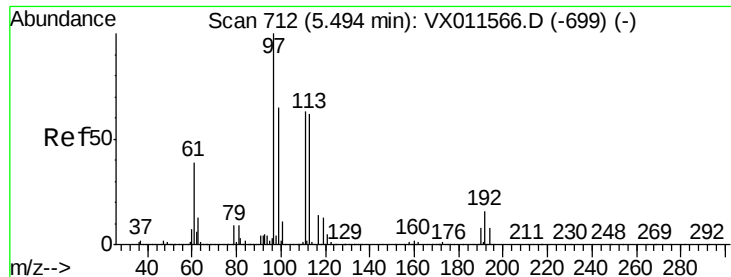
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	514179		
63	18.8	0.0	37.8	
88	15.0	0.0	30.2	





#35

Dibromofluoromethane

Concen: 46.068 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

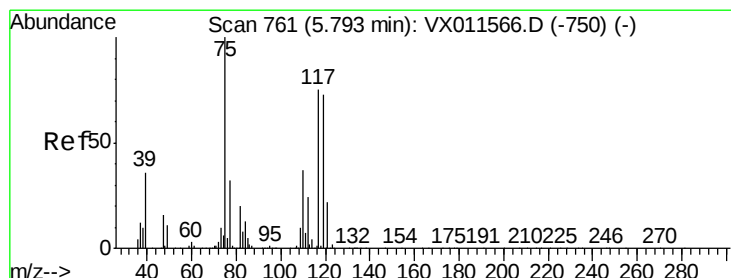
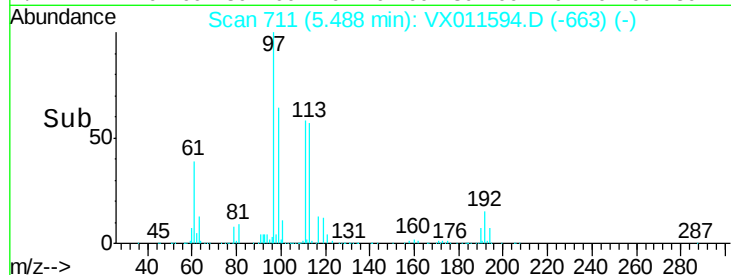
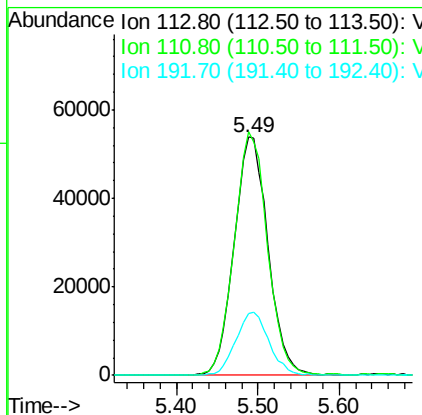
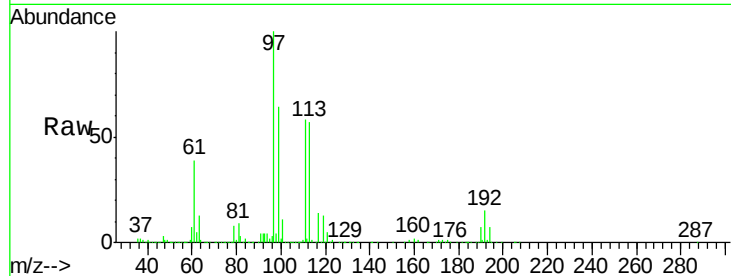
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	154930
Ion Ratio	Lower	Upper	
113	100		
111	100.0	81.1	121.7
192	26.0	20.8	31.2

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#36

1,1-Dichloropropene

Concen: 52.363 ug/l

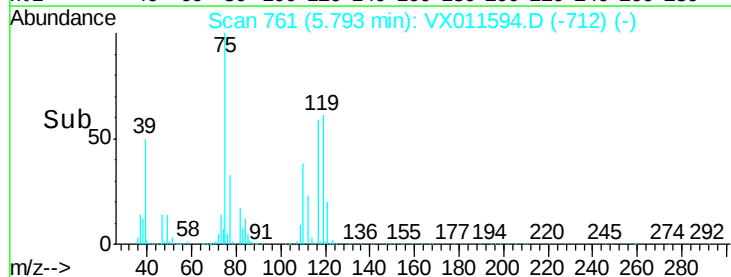
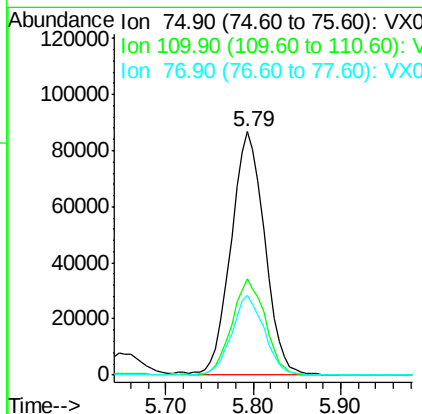
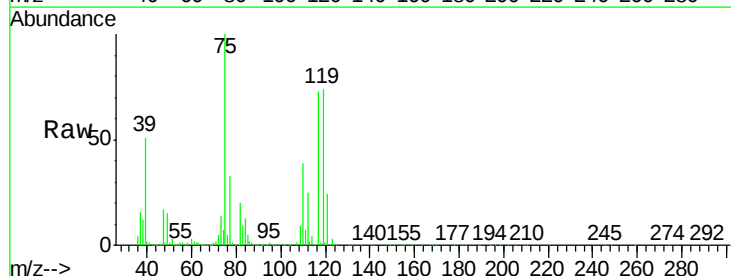
RT: 5.79 min Scan# 761

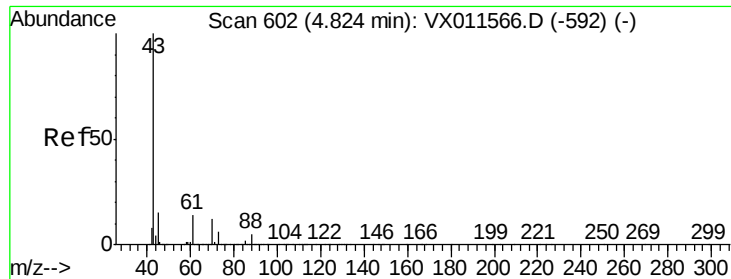
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	75	Resp:	230198
Ion Ratio	Lower	Upper	
75	100		
110	39.5	19.4	58.1
77	31.6	25.1	37.7





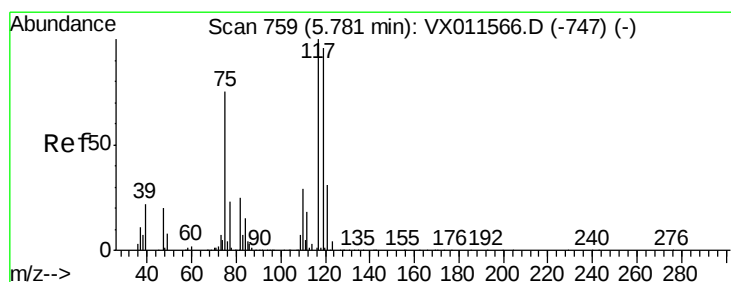
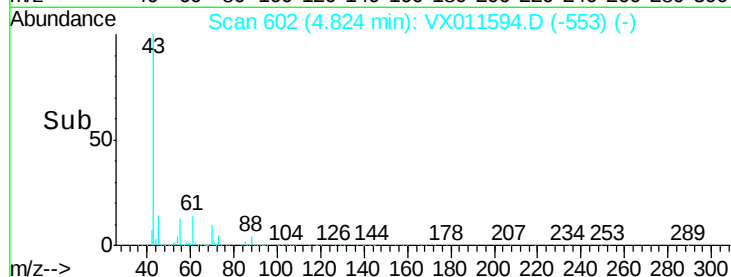
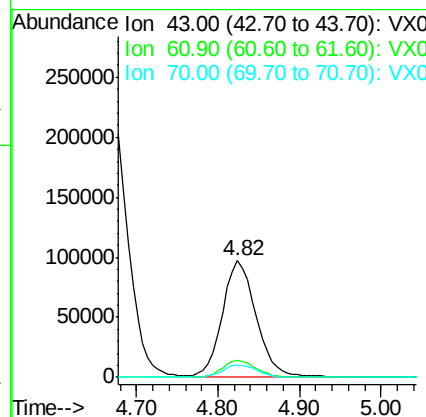
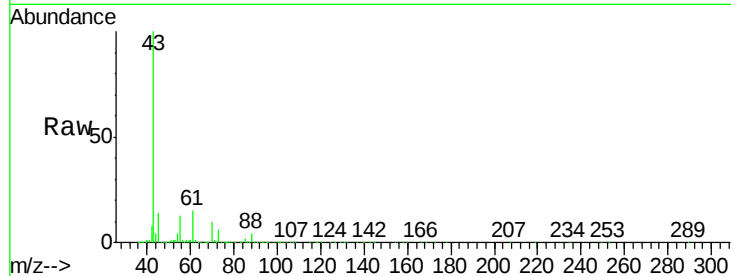
#37
Ethyl Acetate
Concen: 54.420 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	10.9	9.0	13.6

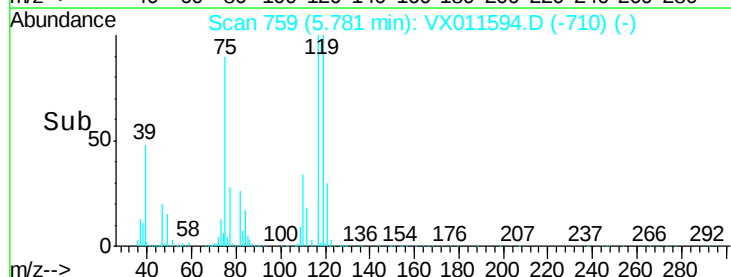
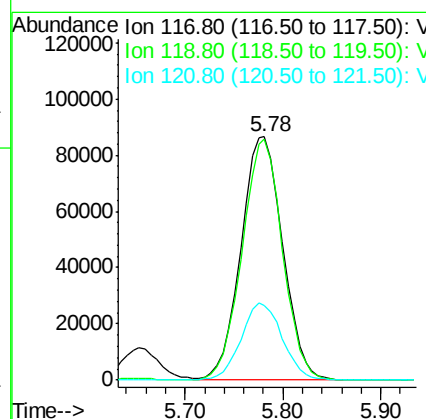
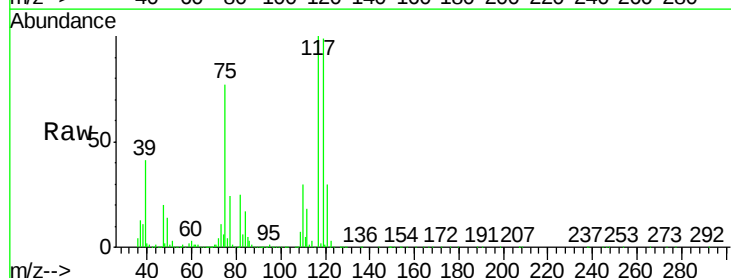
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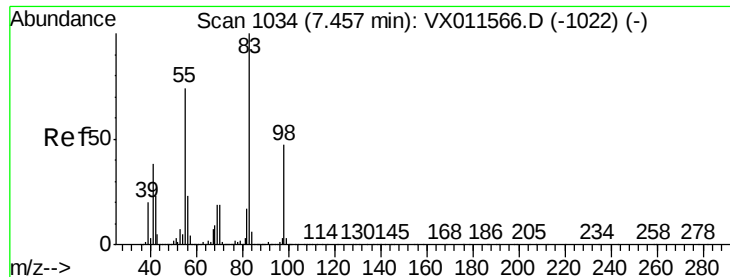
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#38
Carbon Tetrachloride
Concen: 52.607 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.9	115.3
121	30.4	24.8	37.2





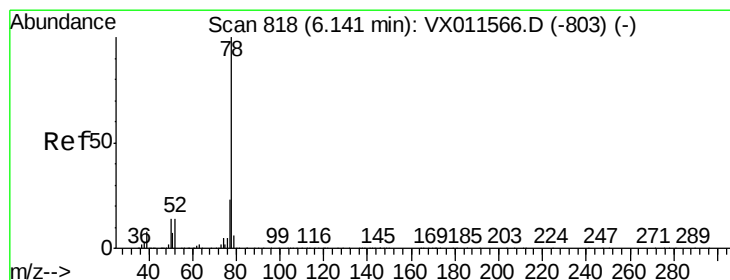
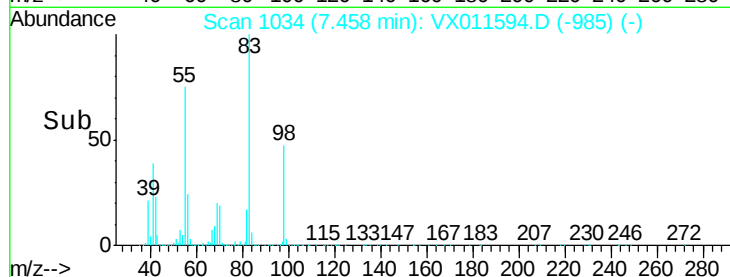
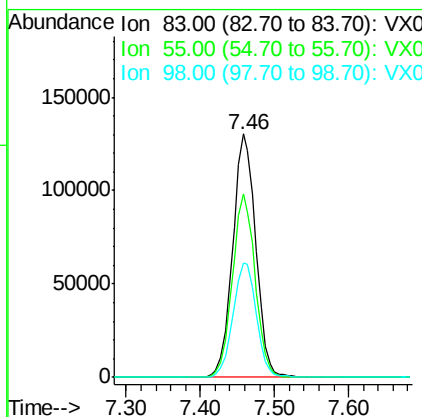
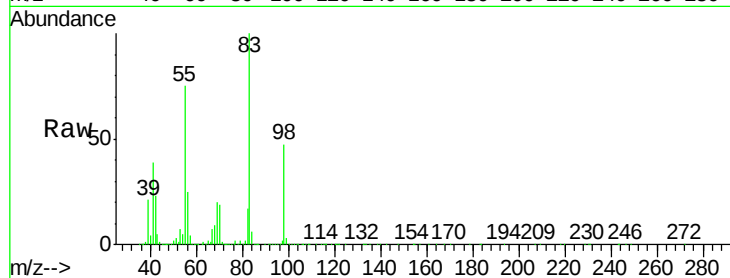
#39
Methylvlcyclohexane
Concen: 52.088 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	58.8	88.2
98	47.2	37.8	56.6

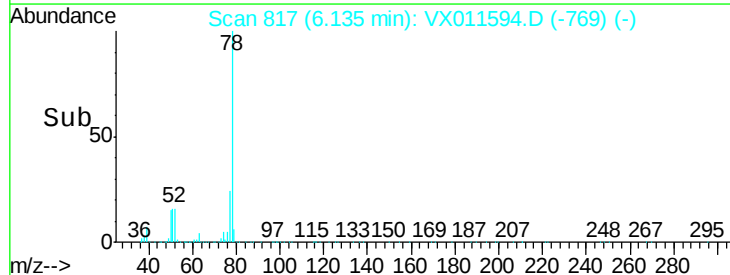
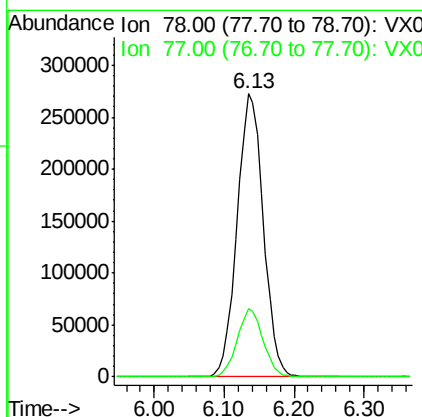
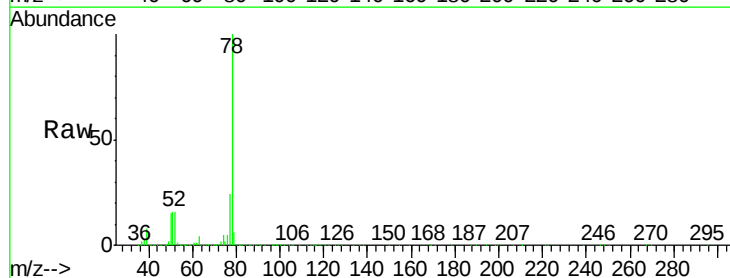
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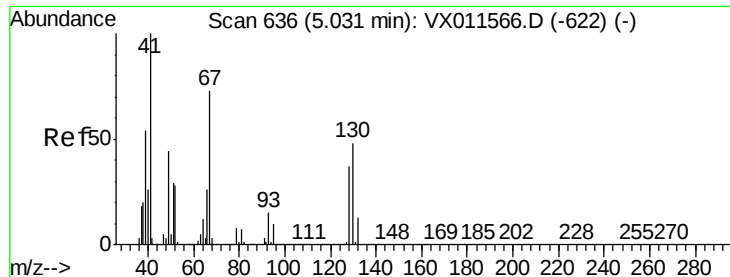
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#40
Benzene
Concen: 51.883 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





#41

Methacrylonitrile

Concen: 55.019 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

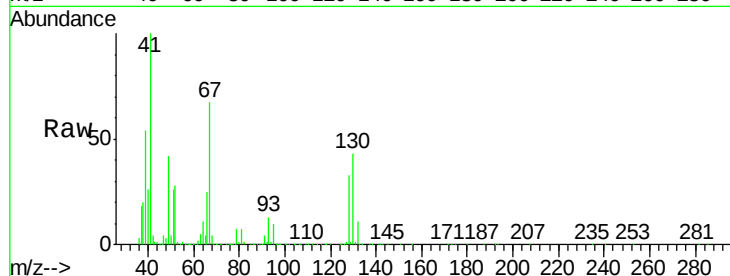
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.5	65.3
67	73.3	59.4	89.2
52	28.3	23.4	35.2

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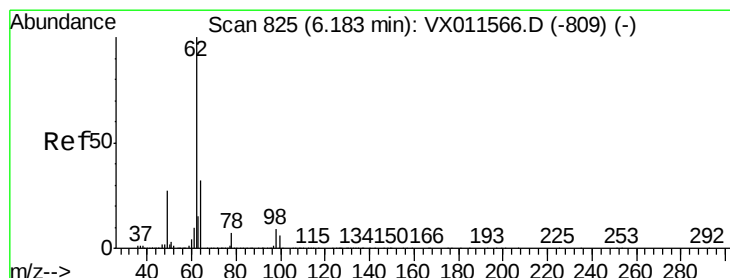
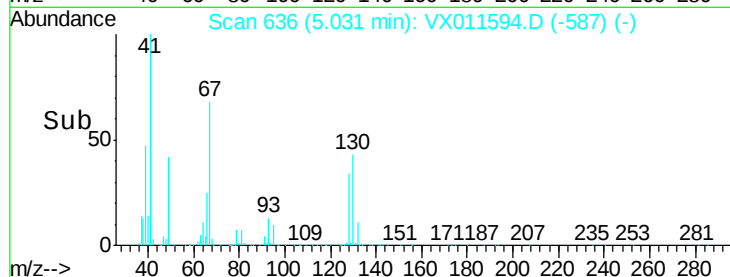
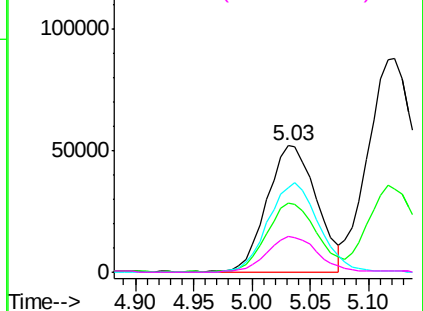


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.122 ug/l

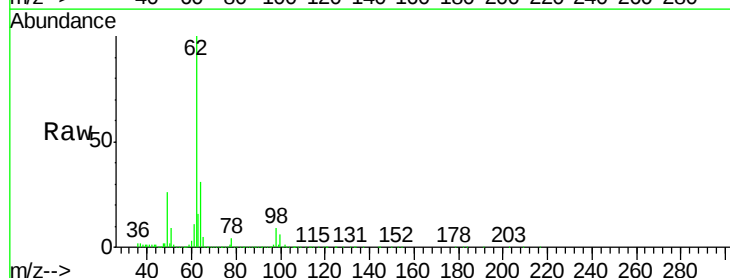
RT: 6.19 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX011594.D

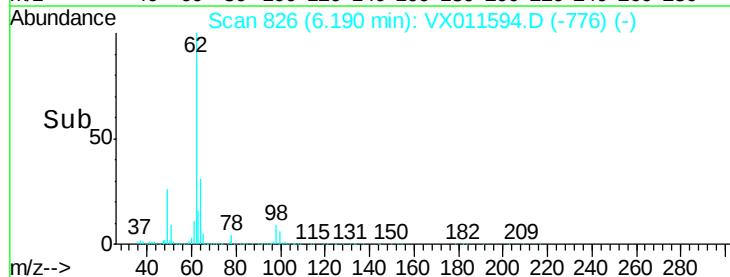
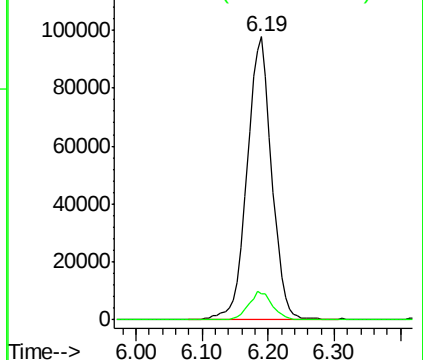
Acq: 16 Aug 2019 20:19

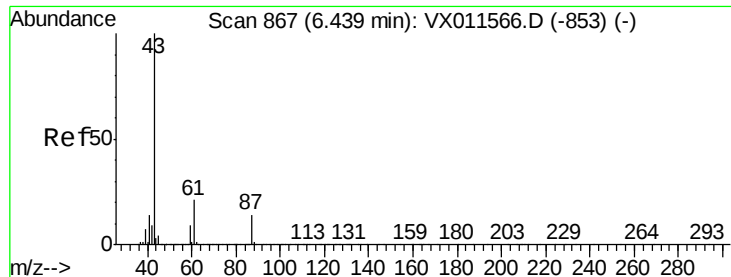
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

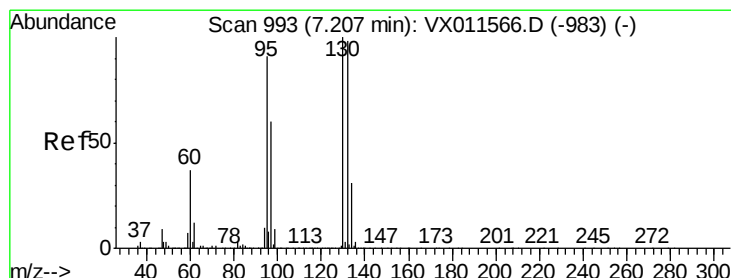
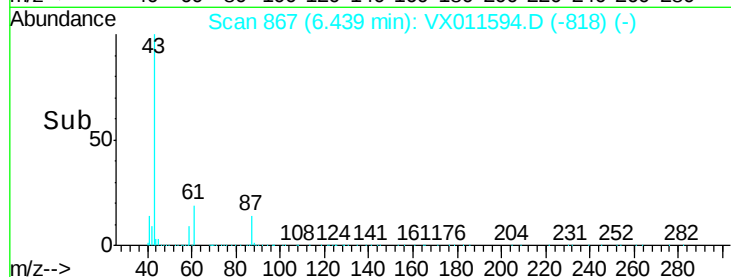
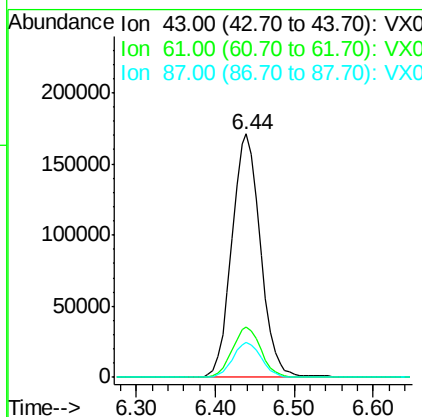
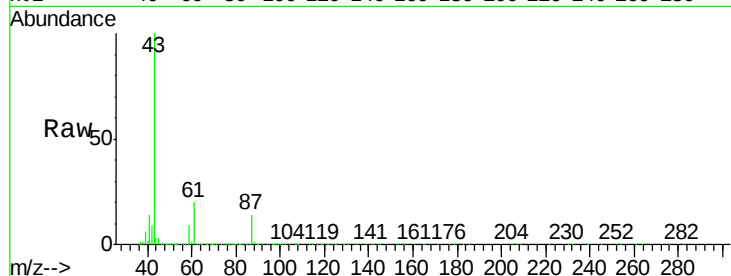
Isopropyl Acetate
 Concen: 54.269 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	14.5	11.4	17.2

Manual Integrations
 APPROVED

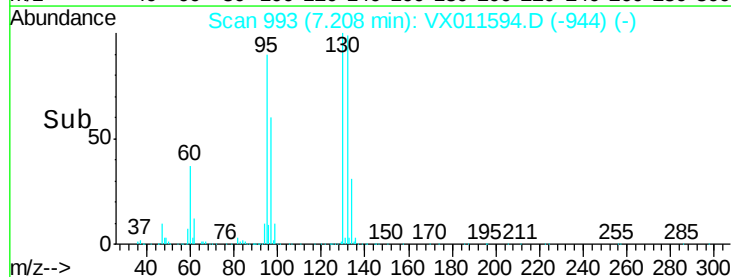
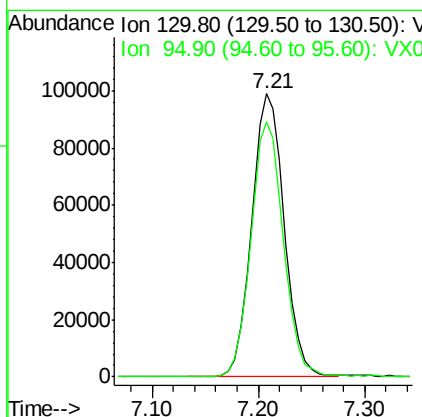
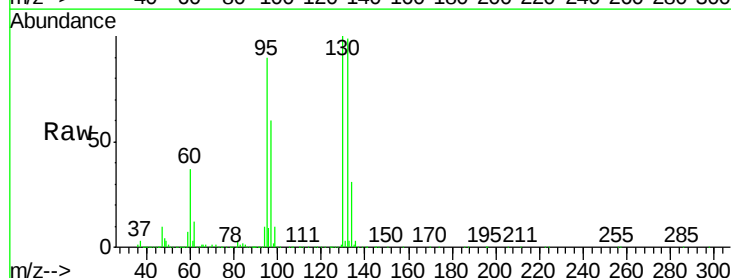
MMDadoda
 8/19/2019 10:29:35 AM

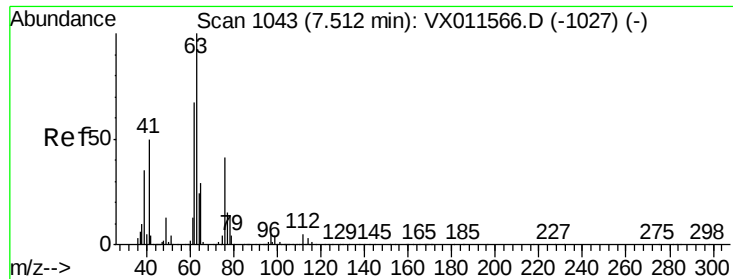


#44

Trichloroethene
 Concen: 52.184 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	181.4





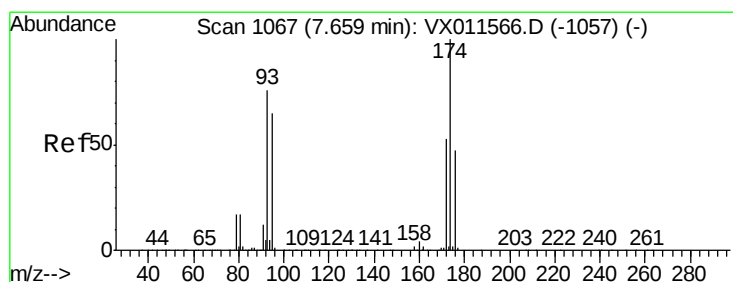
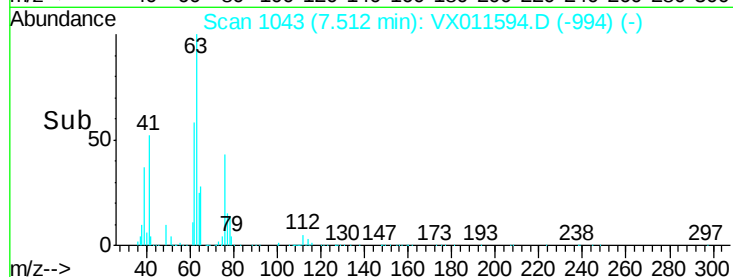
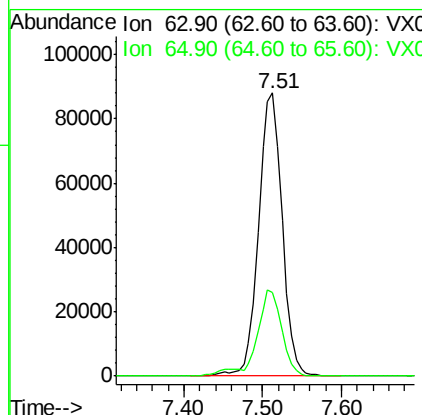
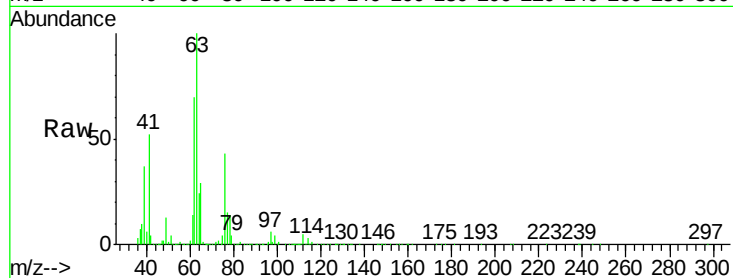
#45
 1,2-Dichloropropane
 Concen: 53.599 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	182614		
65	29.2		23.4	35.2

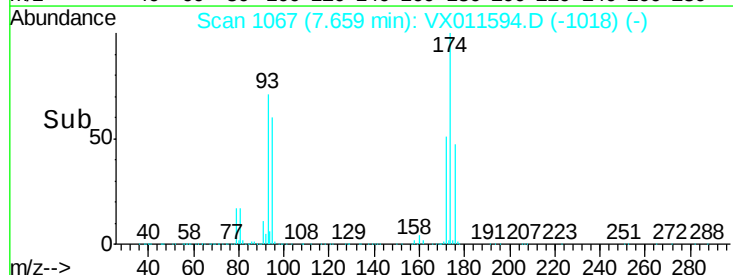
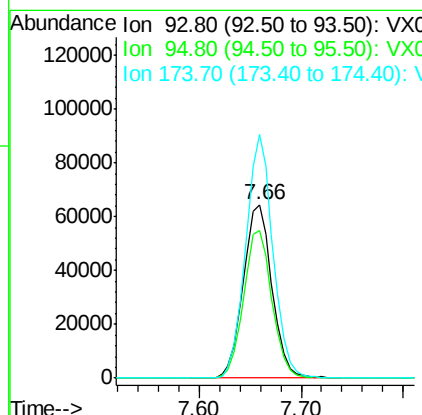
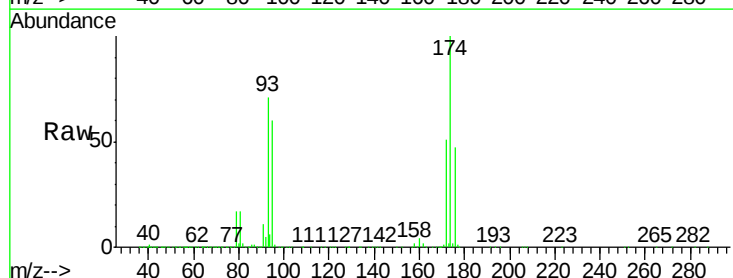
Manual Integrations
 APPROVED

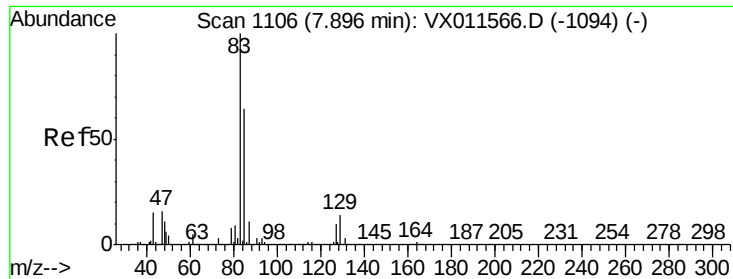
MMDadoda
 8/19/2019 10:29:35 AM



#46
 Dibromomethane
 Concen: 50.906 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	126037		
95	83.5		67.2	100.8
174	133.4		105.5	158.3





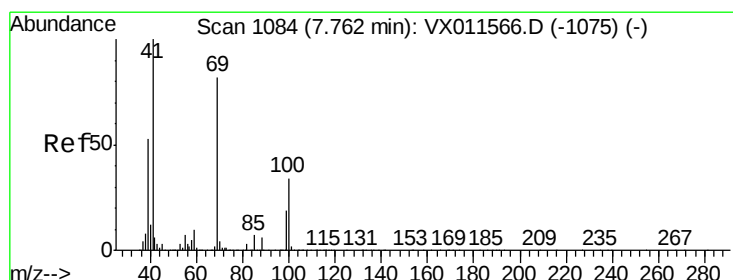
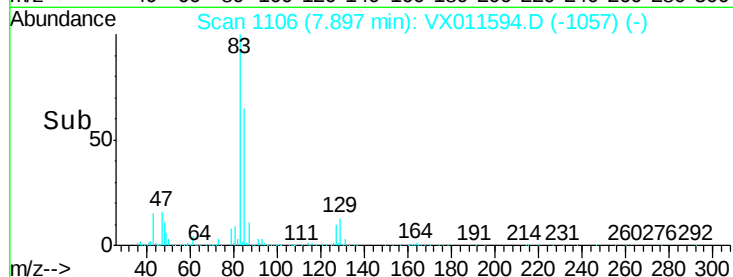
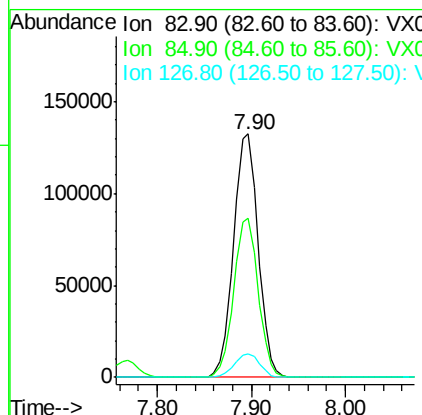
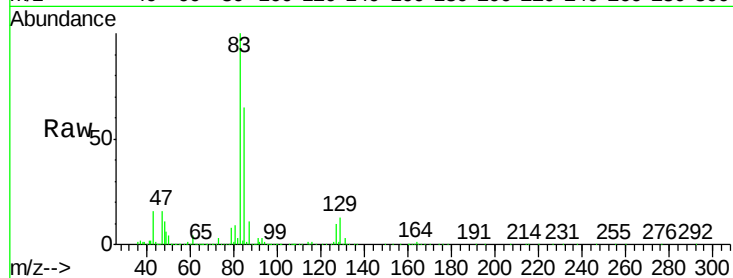
#47
Bromodichloromethane
Concen: 52.954 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	240729		
85	65.1		51.2	76.8
127	9.5		8.1	12.1

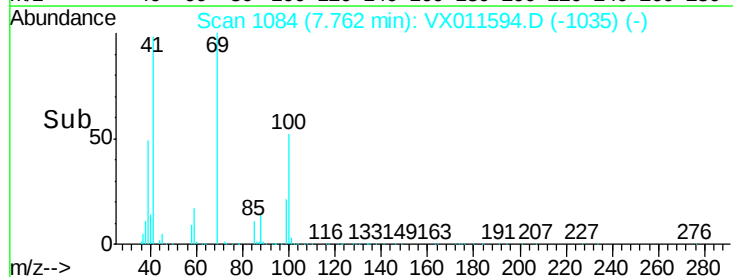
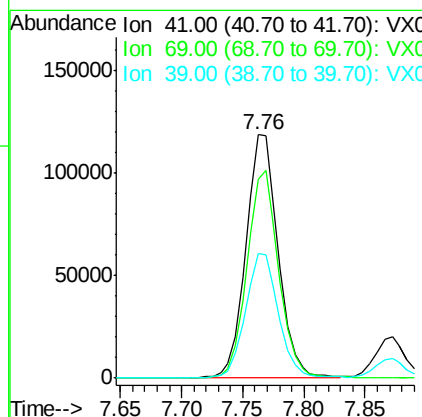
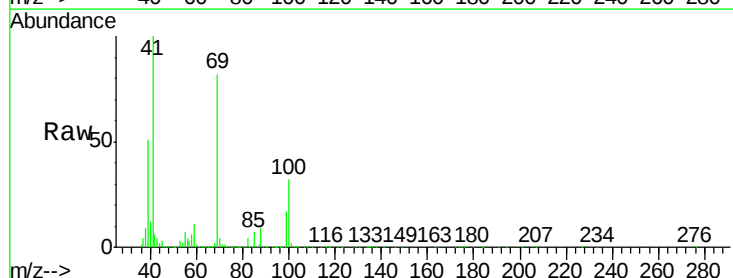
Manual Integrations
APPROVED

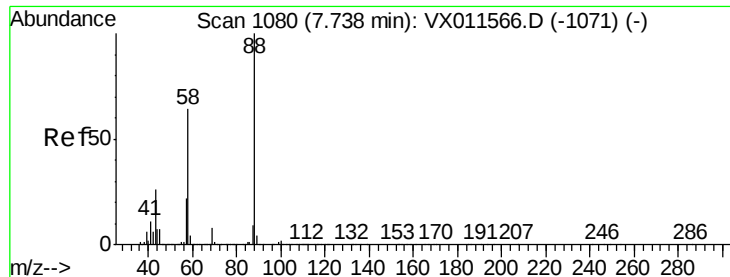
MMDadoda
8/19/2019 10:29:35 AM



#48
Methyl methacrylate
Concen: 55.487 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	216833		
69	84.1		67.9	101.9
39	52.1		41.6	62.4





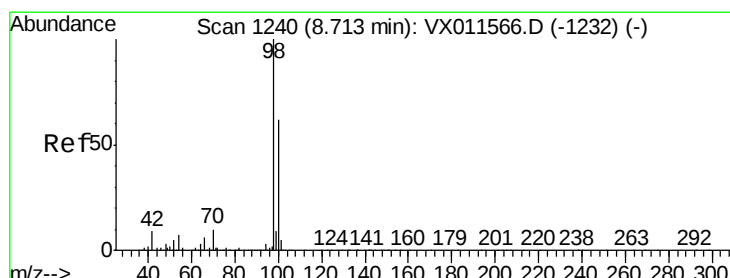
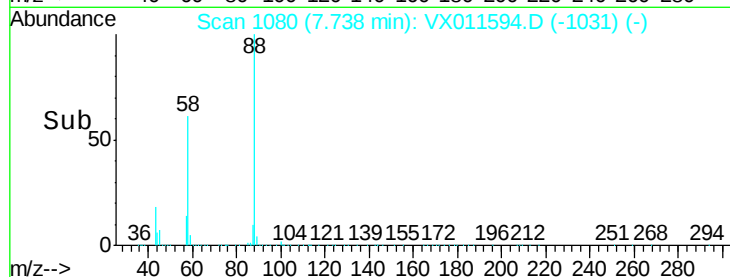
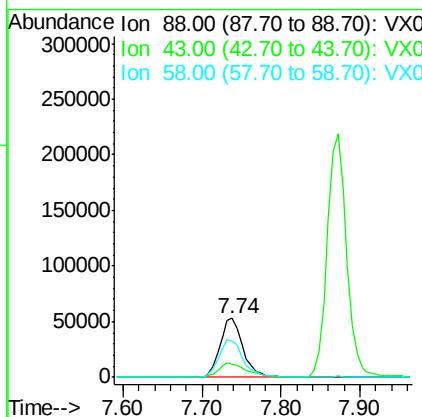
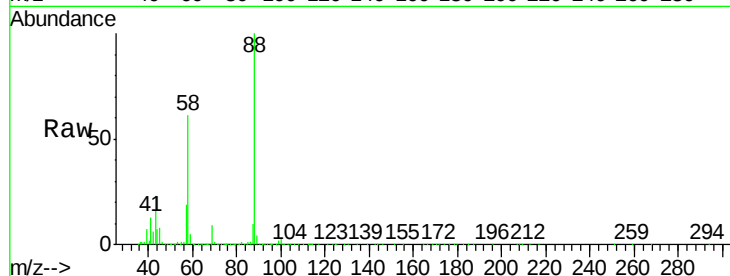
#49
1,4-Dioxane
Concen: 1034.447 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	88	Resp:	107519
Ion Ratio	Lower	Upper	
88	100		
43	29.2	23.4	35.0
58	67.3	54.3	81.5

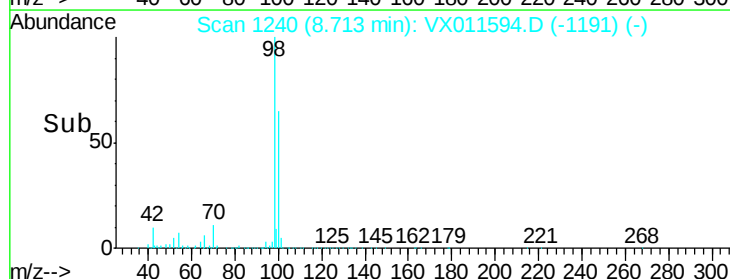
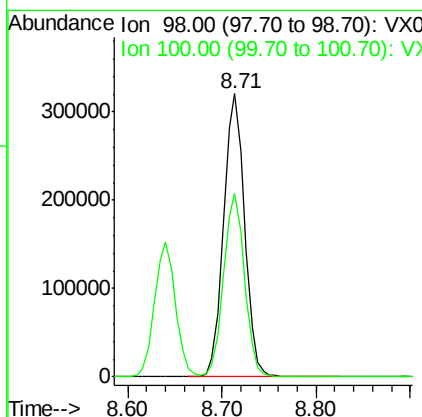
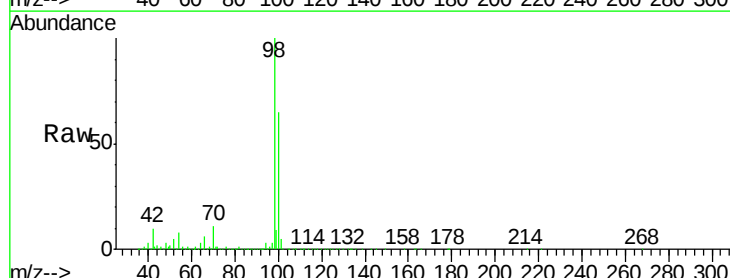
Manual Integrations
APPROVED

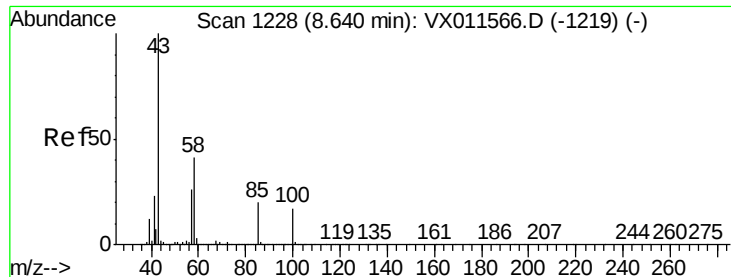
MMDadoda
8/19/2019 10:29:35 AM



#50
Toluene-d8
Concen: 47.022 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion:	98	Resp:	492737
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 275.211 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1421487

Ion Ratio Lower Upper

43 100

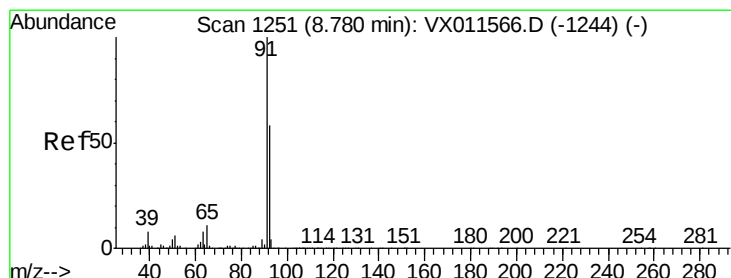
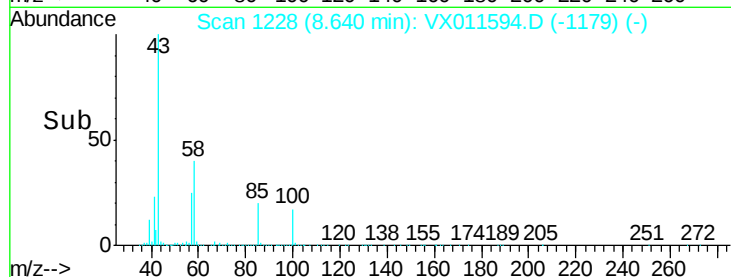
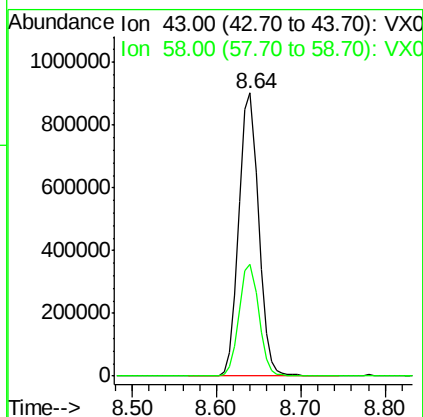
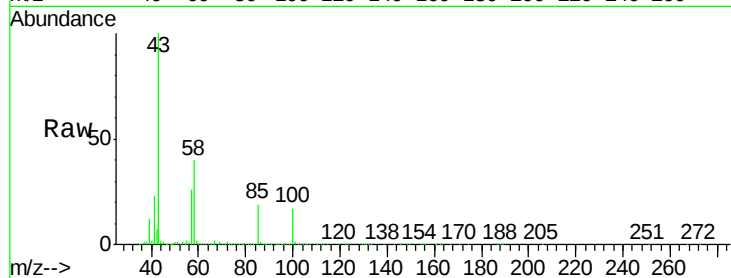
58 39.6 31.8 47.6

Manual Integrations

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MMDadoda

8/19/2019 10:29:35 AM



#52

Toluene

Concen: 52.295 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011594.D

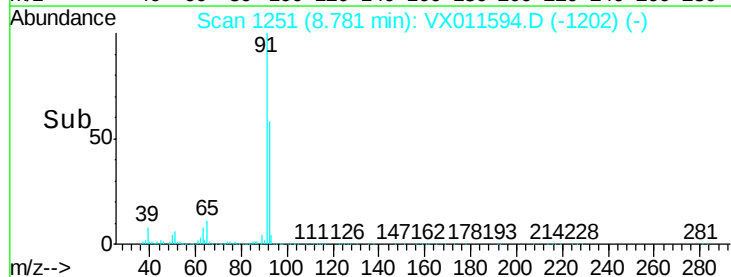
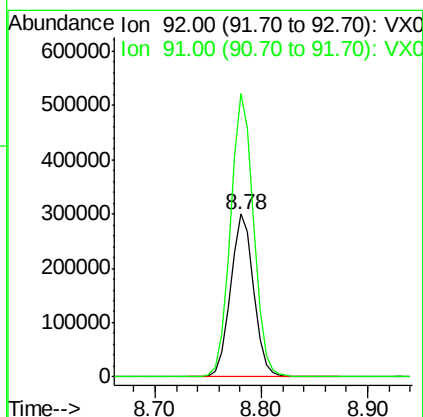
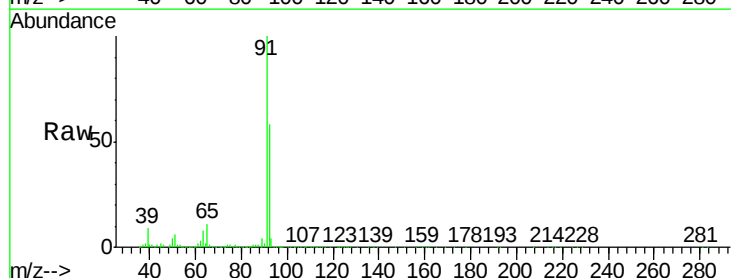
Acq: 16 Aug 2019 20:19

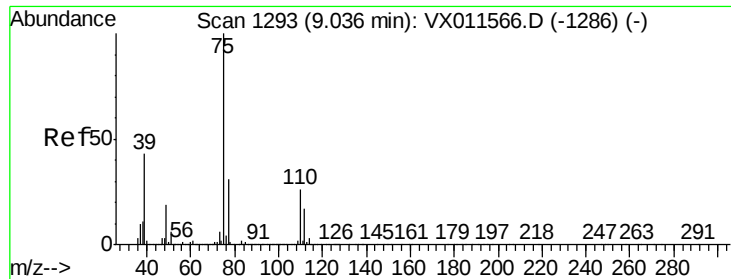
Tgt Ion: 92 Resp: 455150

Ion Ratio Lower Upper

92 100

91 174.2 138.0 207.0





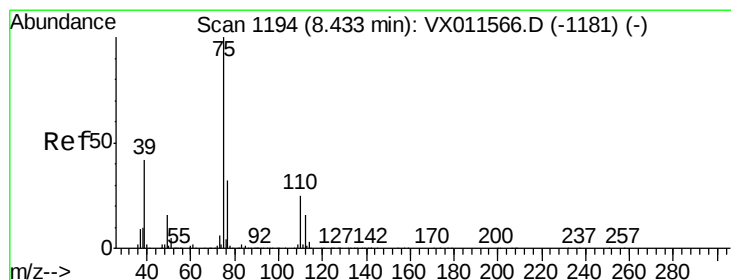
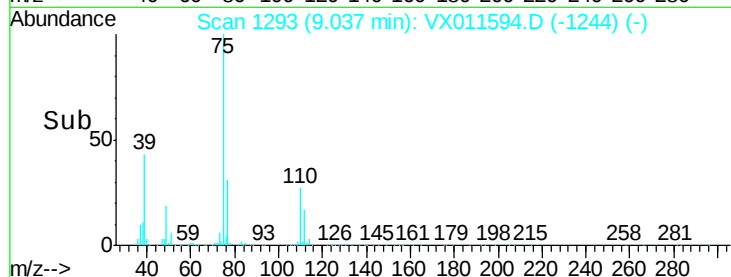
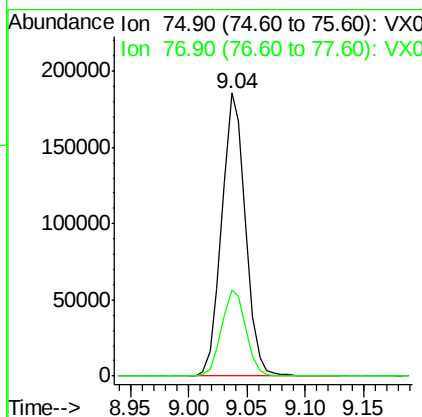
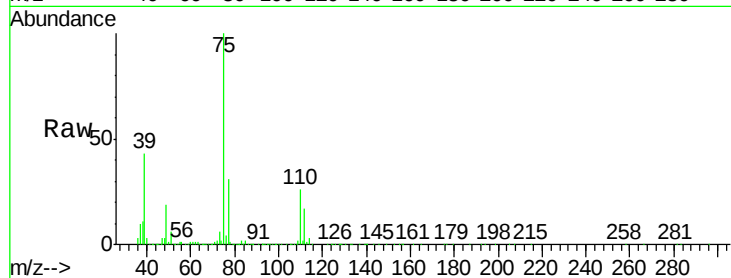
#53
t-1,3-Dichloropropene
Concen: 55.109 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.1	37.7

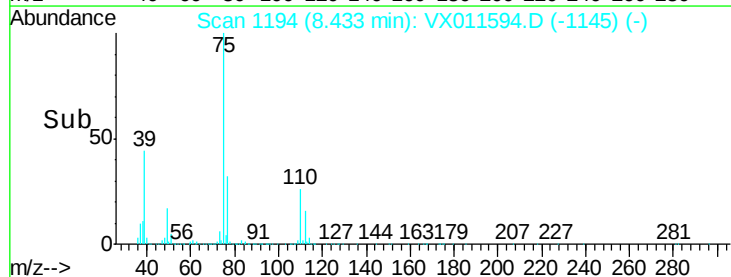
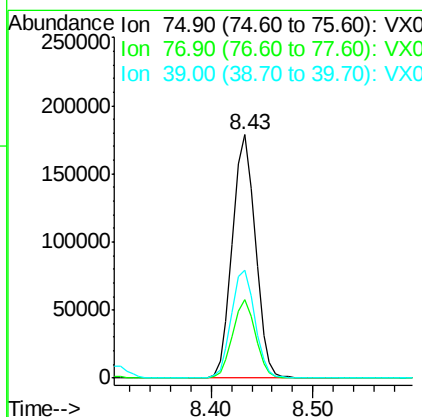
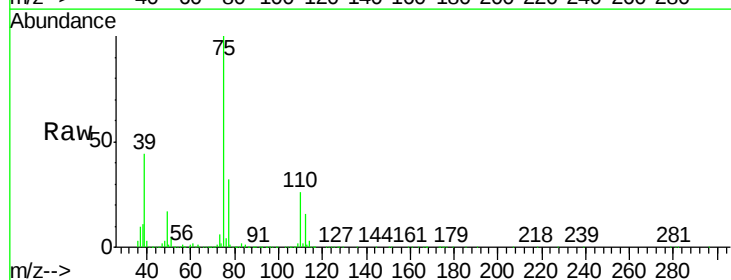
Manual Integrations
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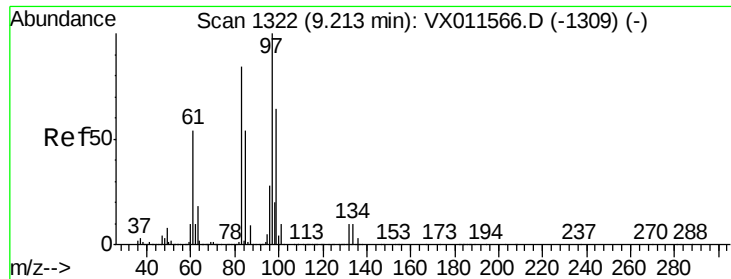
MMDadoda
8/19/2019 10:29:35 AM



#54
cis-1,3-Dichloropropene
Concen: 53.954 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3
39	44.2	33.6	50.4





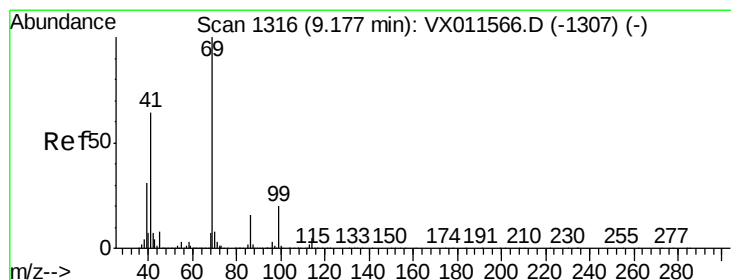
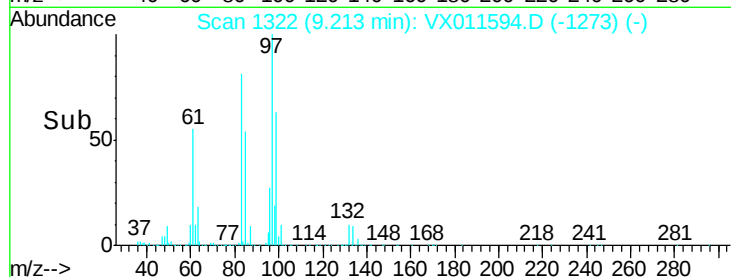
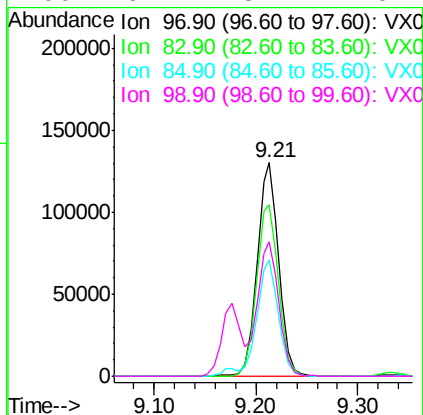
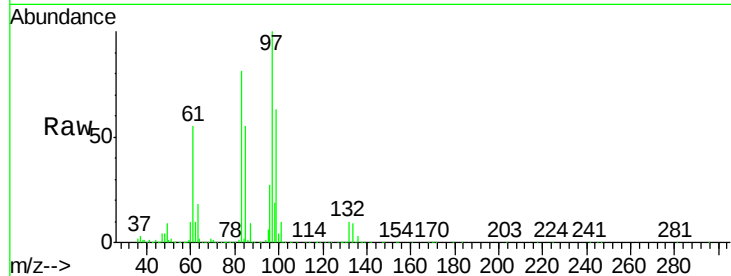
#55
 1,1,2-Trichloroethane
 Concen: 51.794 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		191699		
83	80.6	67.4	101.0		
85	54.5	43.4	65.2		
99	62.7	51.1	76.7		

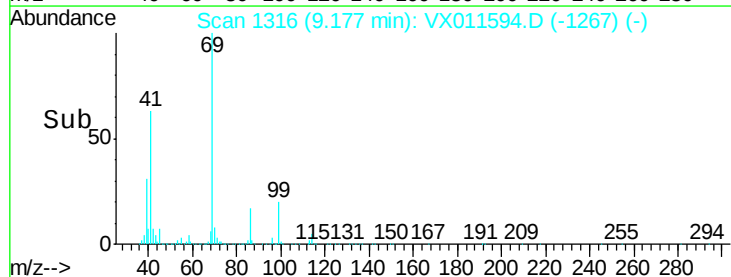
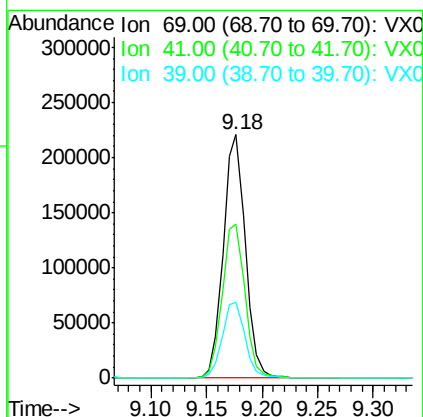
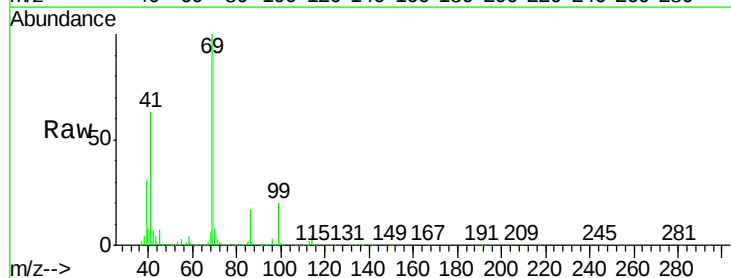
Manual Integrations
 APPROVED

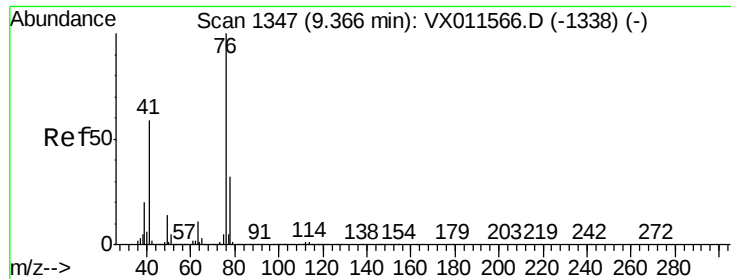
MMDadoda
 8/19/2019 10:29:35 AM



#56
 Ethyl methacrylate
 Concen: 56.476 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		303811		
41	64.9	52.1	78.1		
39	32.0	25.4	38.0		





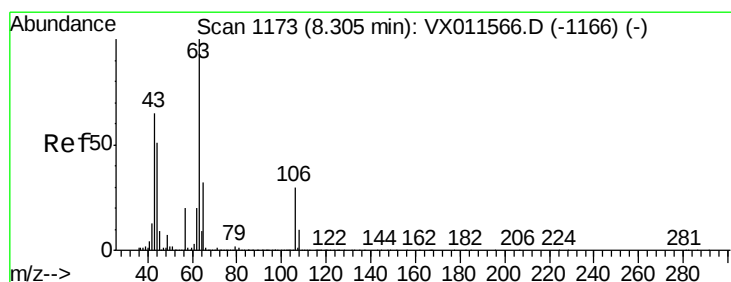
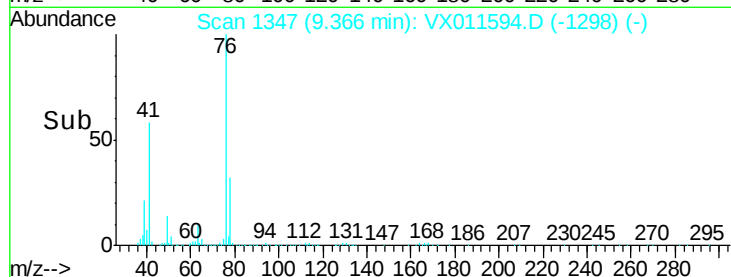
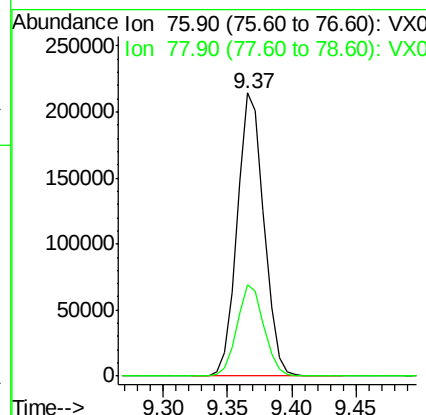
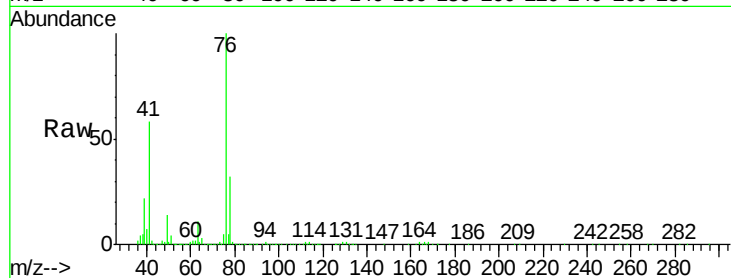
#57
 1,3-Dichloropropane
 Concen: 52.659 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.4

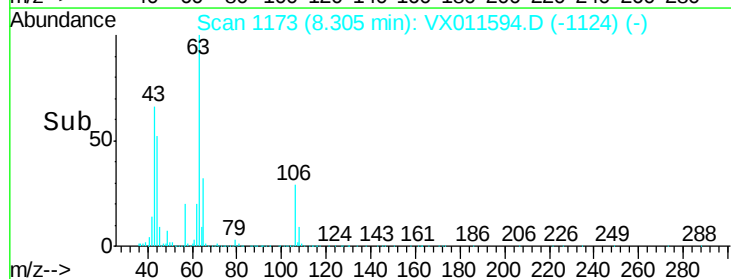
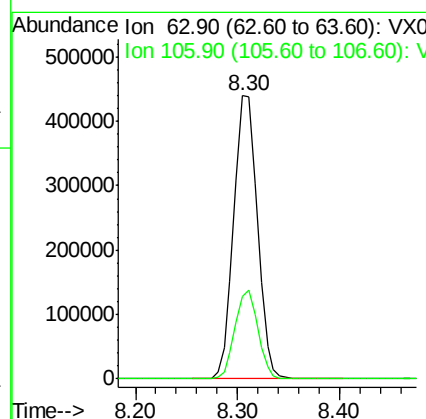
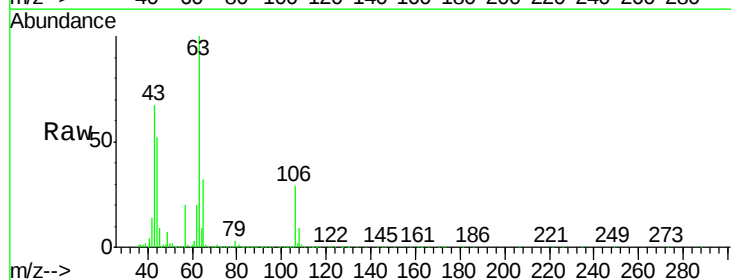
Manual Integrations
 APPROVED

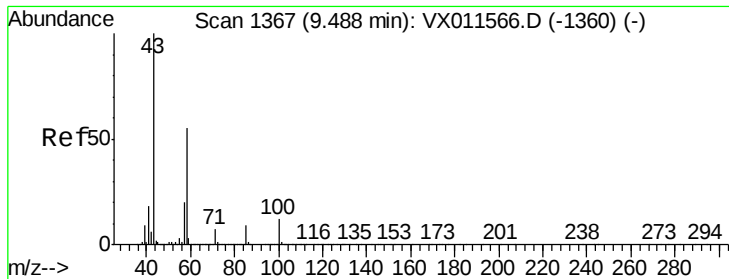
MMDadoda
 8/19/2019 10:29:35 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.140 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	24.7	37.1





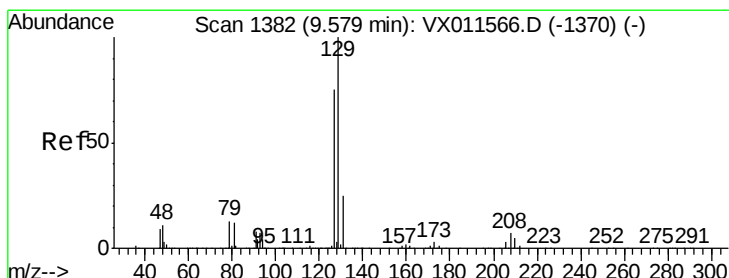
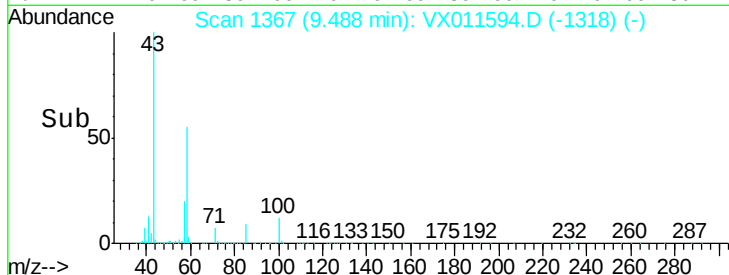
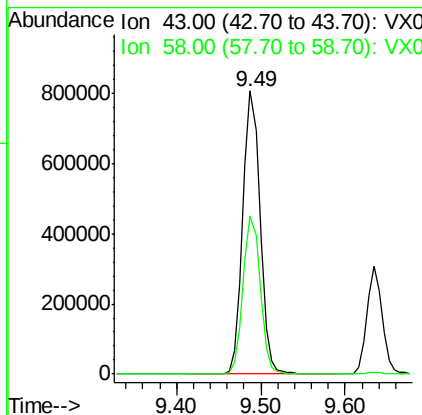
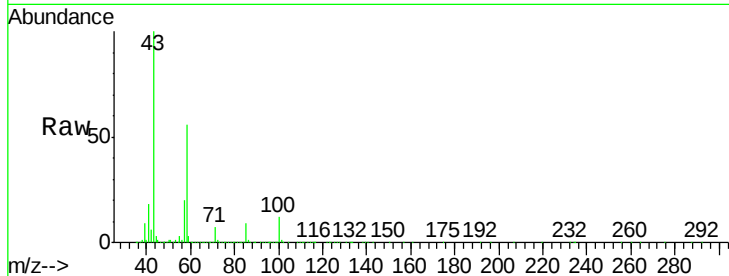
#59
2-Hexanone
Concen: 276.646 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1101903
Ion Ratio Lower Upper
43 100
58 55.6 27.5 82.4

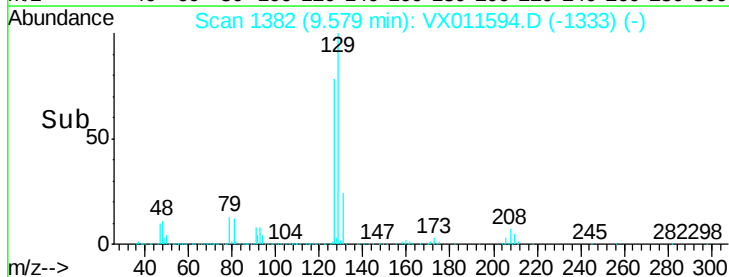
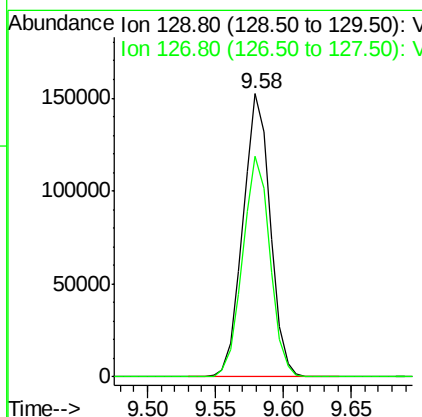
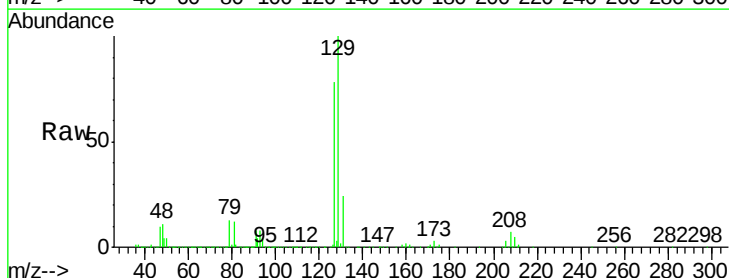
Manual Integrations
APPROVED

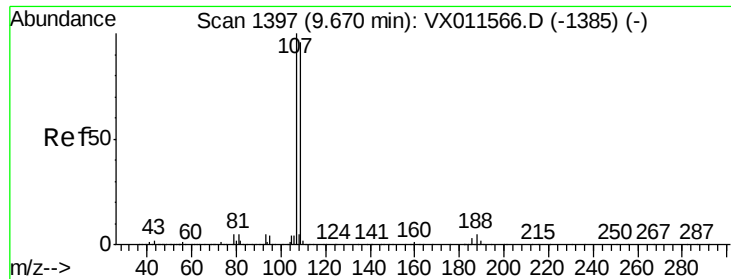
MMDadoda
8/19/2019 10:29:35 AM



#60
Dibromochloromethane
Concen: 55.423 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion: 129 Resp: 213724
Ion Ratio Lower Upper
129 100
127 77.9 38.0 114.1





#61

1,2-Dibromoethane

Concen: 53.655 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 211942

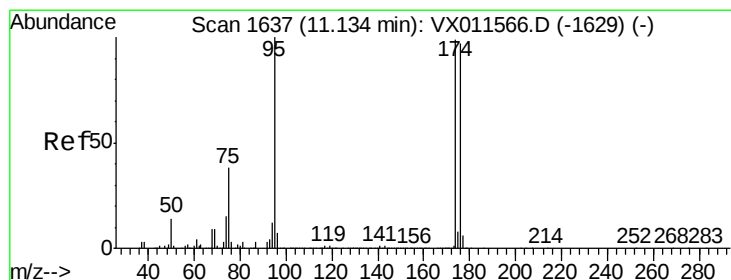
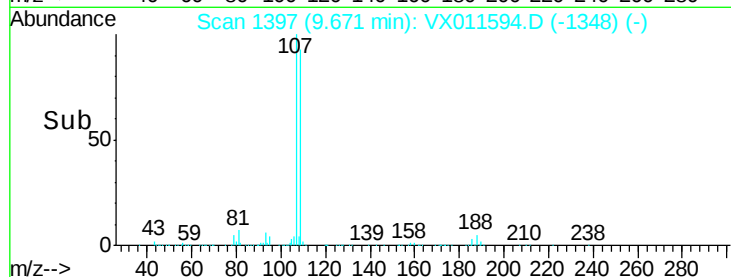
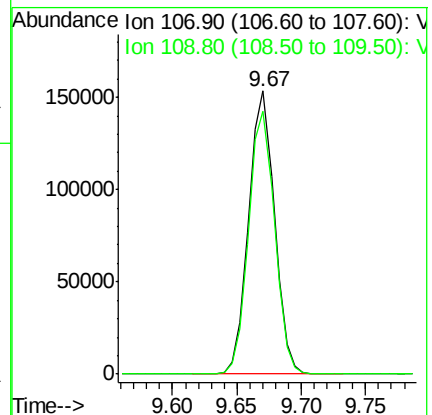
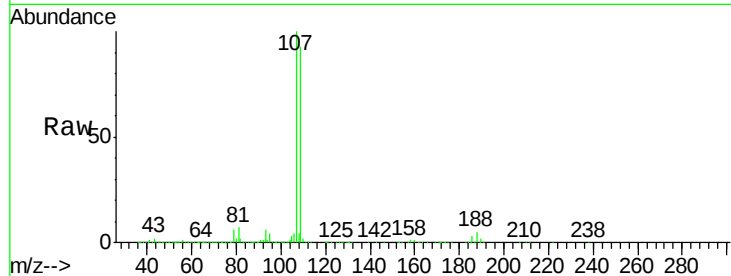
Ion Ratio Lower Upper

107 100

109 93.6 76.2 114.2

Manual Integrations
APPROVED

MMDadoda
8/19/2019 10:29:35 AM



#62

4-Bromofluorobenzene

Concen: 46.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

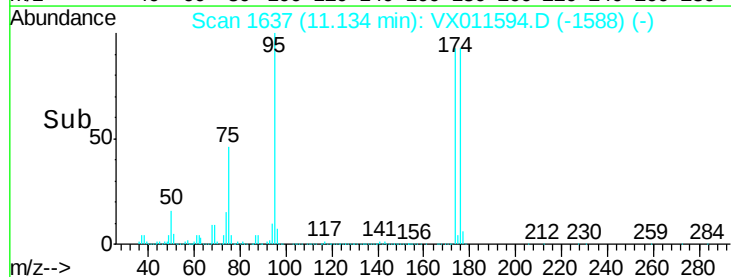
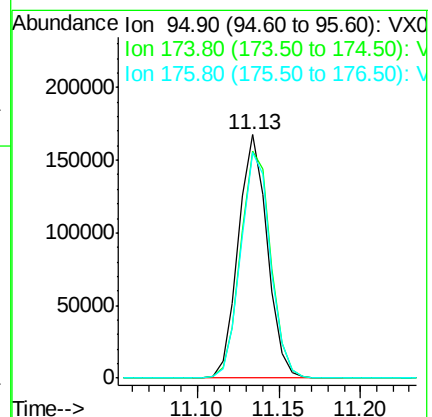
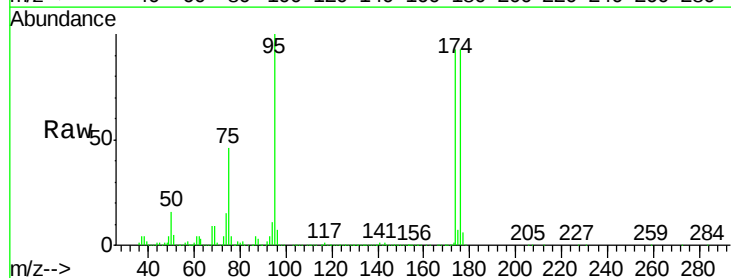
Tgt Ion: 95 Resp: 207176

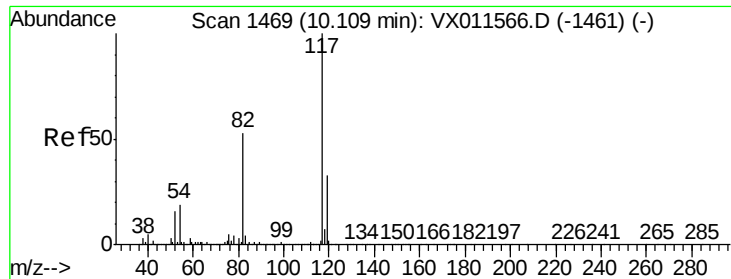
Ion Ratio Lower Upper

95 100

174 97.9 0.0 200.6

176 95.6 0.0 196.6





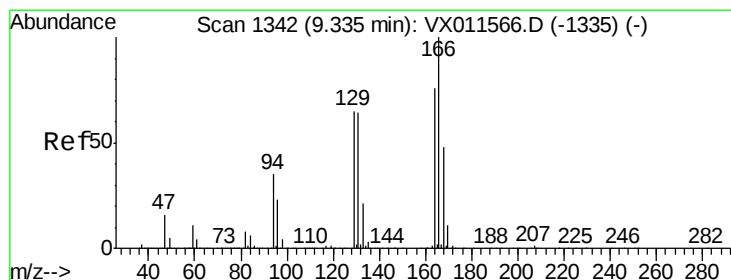
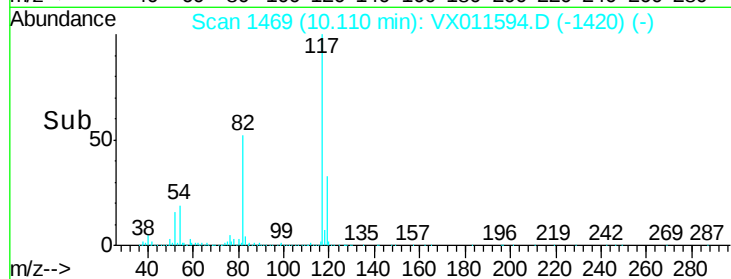
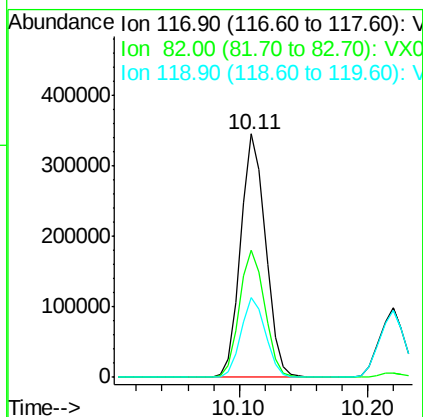
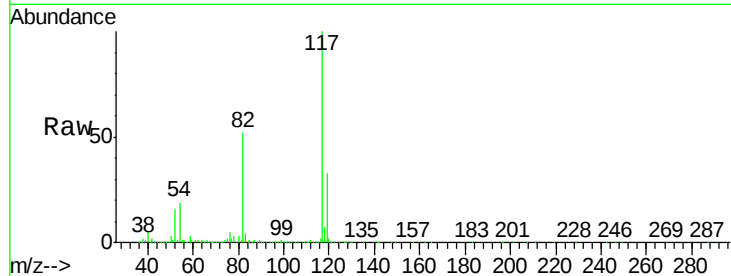
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	462530		
82	52.4	42.0	63.0	
119	32.9	26.5	39.7	

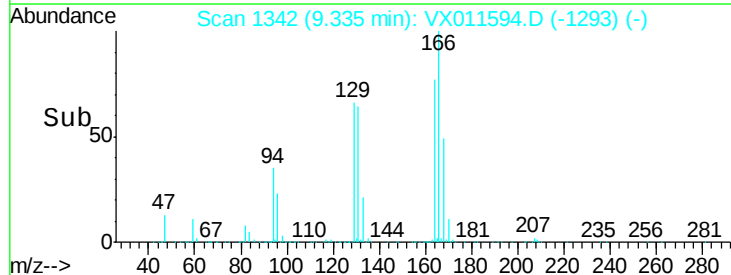
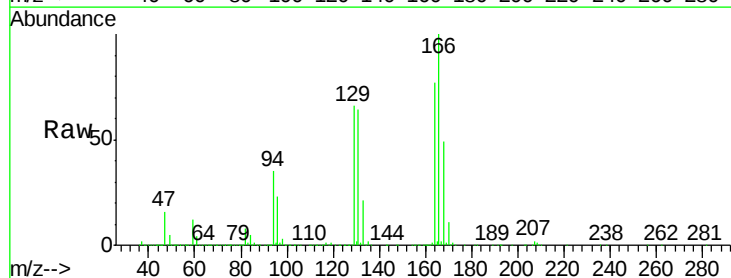
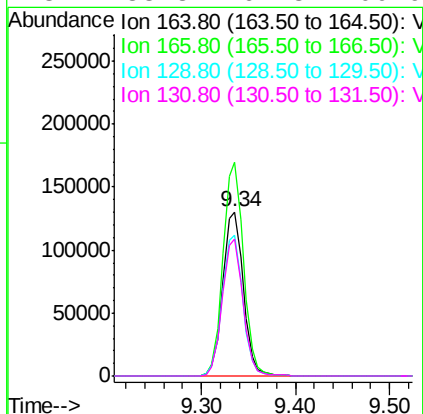
Manual Integrations
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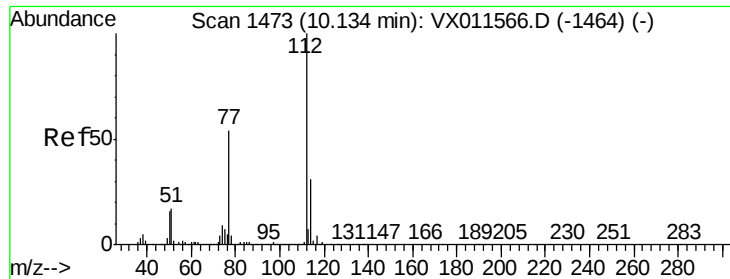
MMDadoda
8/19/2019 10:29:35 AM



#64
Tetrachloroethene
Concen: 52.190 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198060		
166	130.2	104.7	157.1	
129	85.4	68.2	102.4	
131	83.3	67.3	100.9	





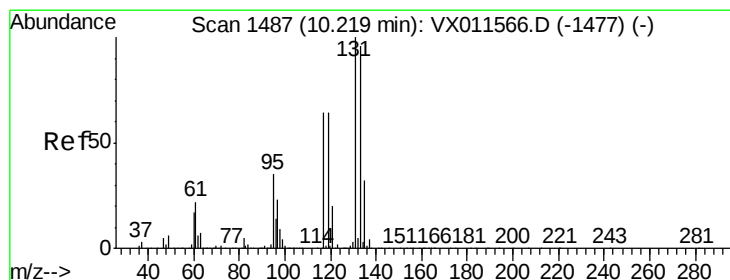
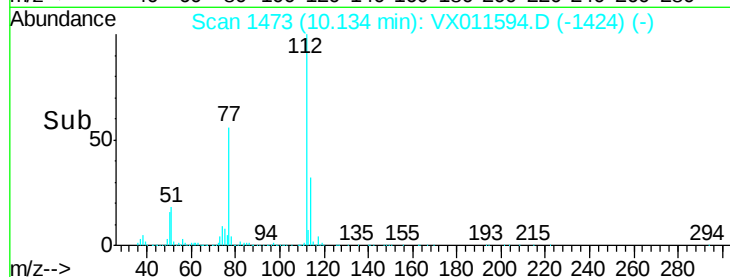
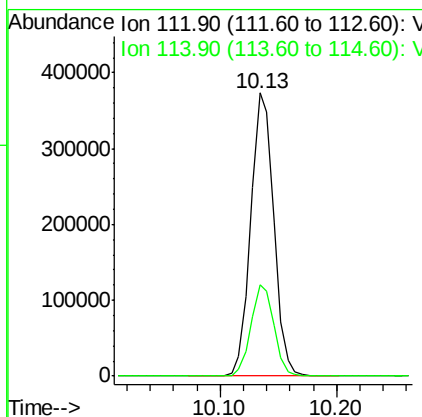
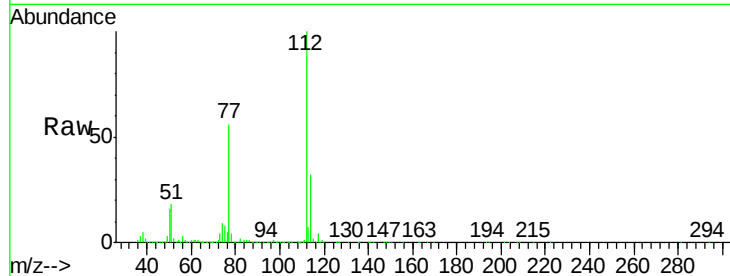
#65
Chlorobenzene
Concen: 52.492 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.6

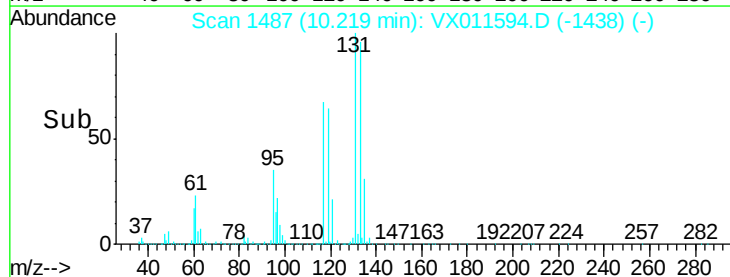
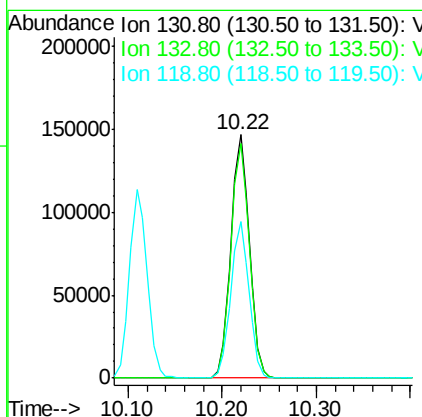
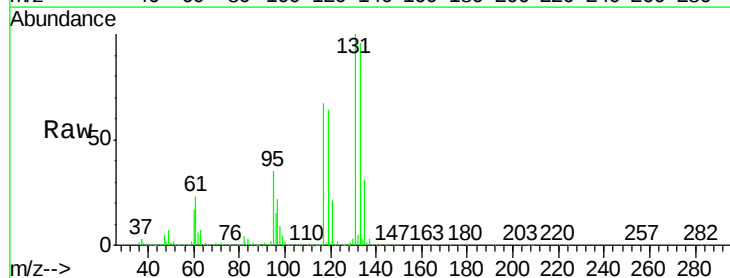
Manual Integrations
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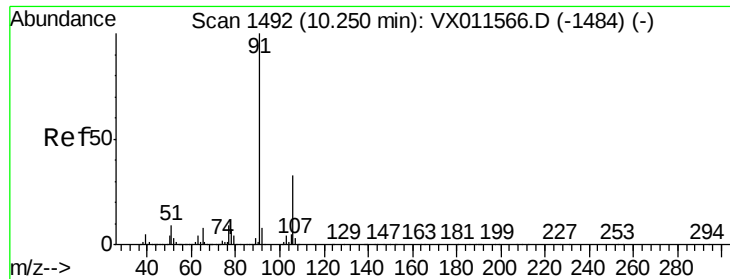
MMDadoda
8/19/2019 10:29:35 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.381 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.1	144.4
119	63.3	31.3	93.8





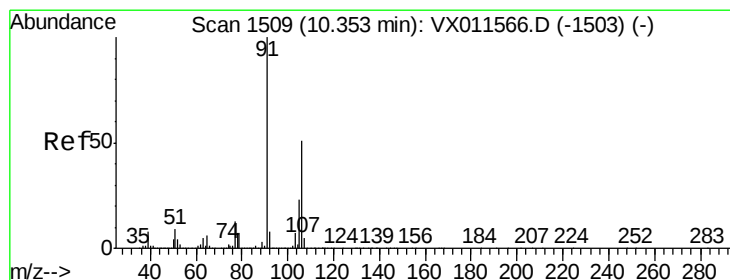
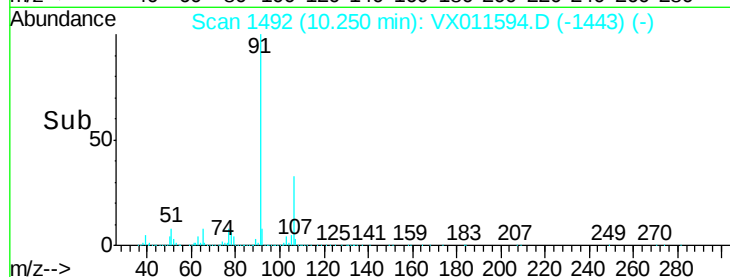
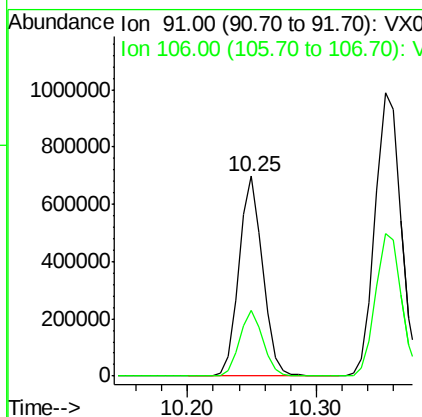
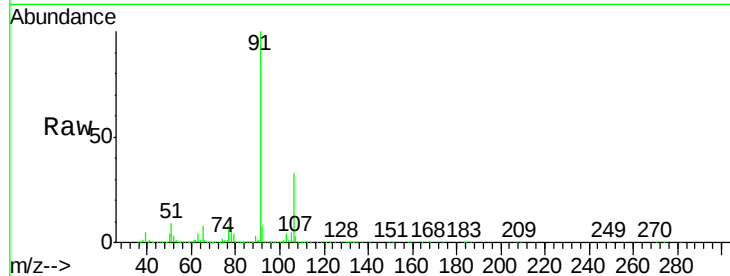
#67
Ethyl Benzene
Concen: 54.116 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 890989
Ion Ratio Lower Upper
91 100
106 32.6 26.0 39.0

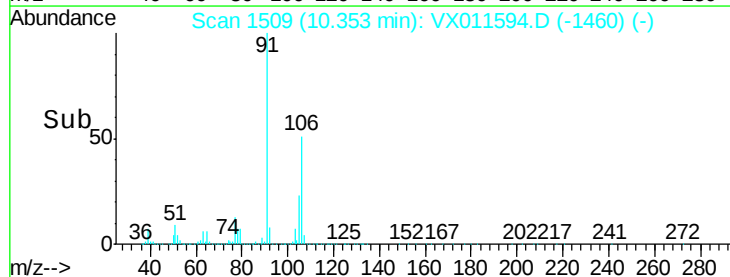
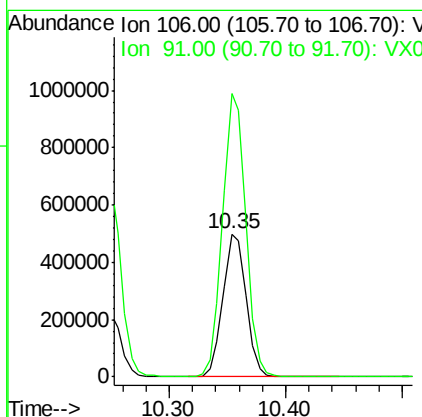
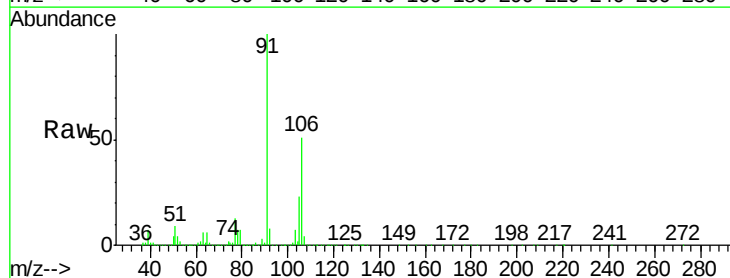
Manual Integrations
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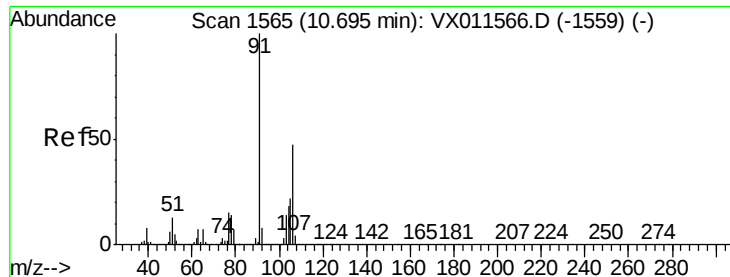
MMDadoda
8/19/2019 10:29:35 AM



#68
m/p-Xylenes
Concen: 108.790 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion: 106 Resp: 687536
Ion Ratio Lower Upper
106 100
91 198.6 156.0 234.0





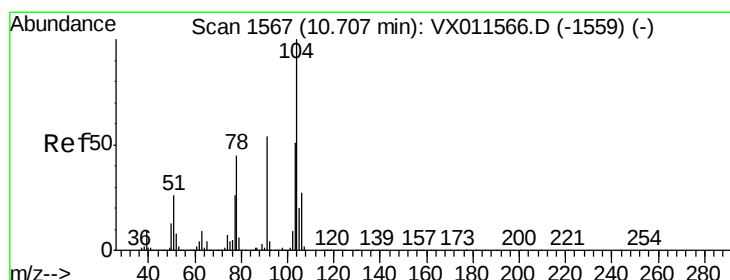
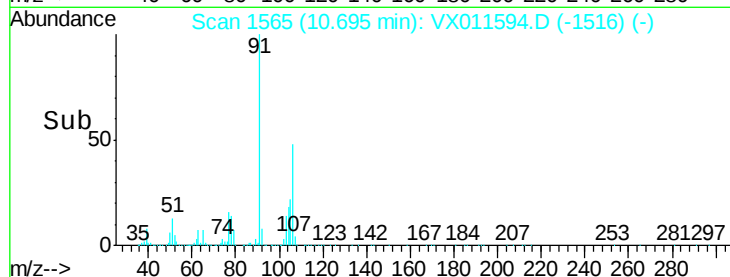
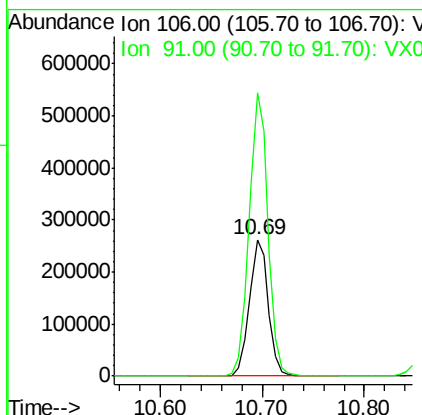
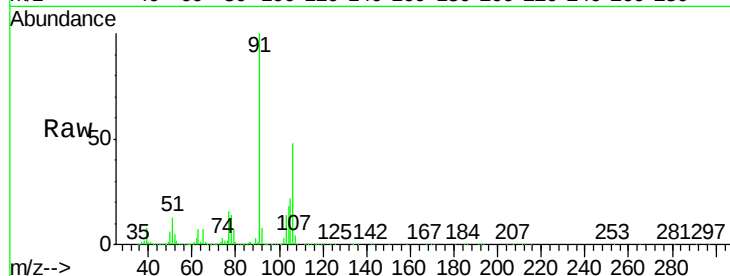
#69
o-Xylene
Concen: 54.569 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	337810		
91	207.1	105.5	316.4	

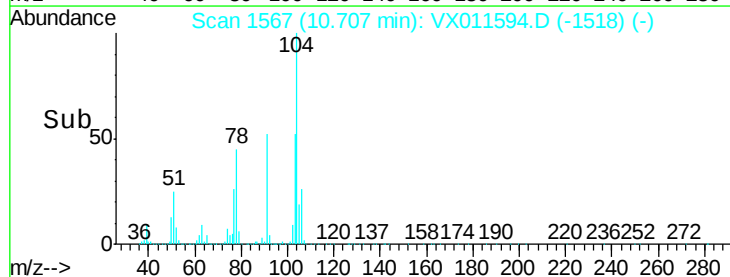
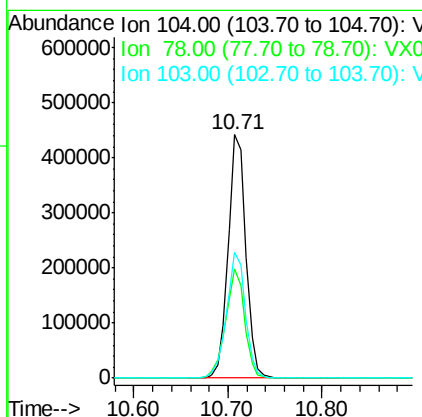
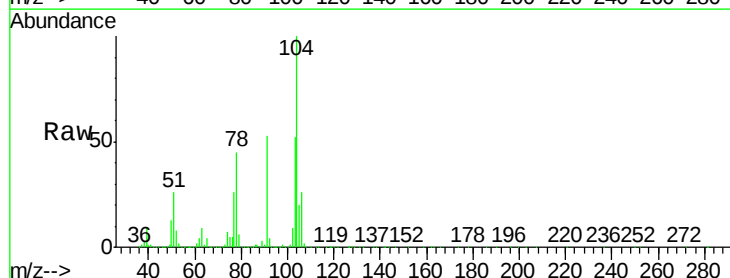
Manual Integrations
APPROVED

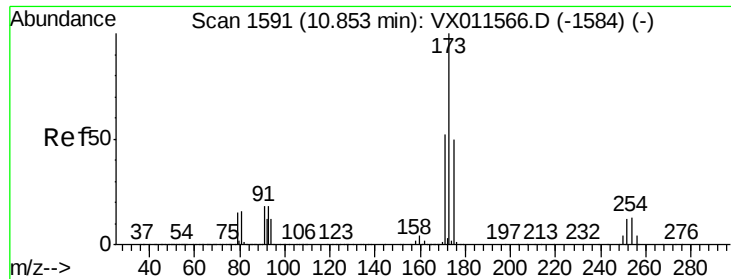
MMDadoda
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#70
Styrene
Concen: 55.428 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	577635		
78	47.7	38.2	57.4	
103	54.8	43.6	65.4	





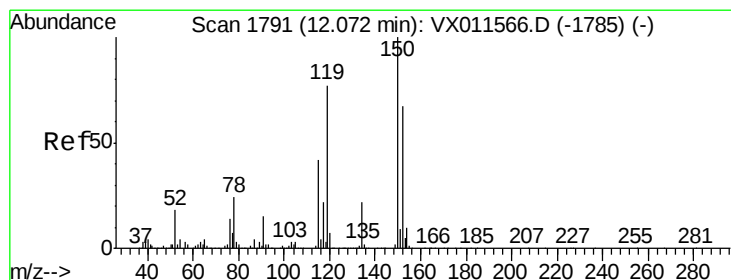
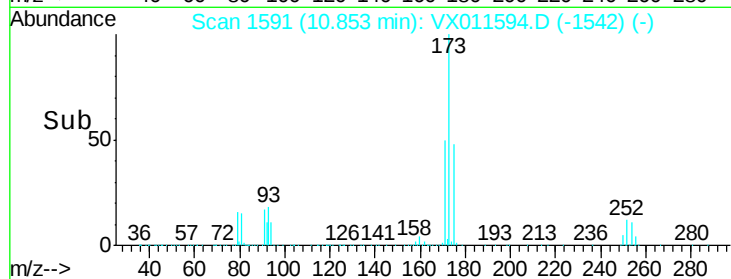
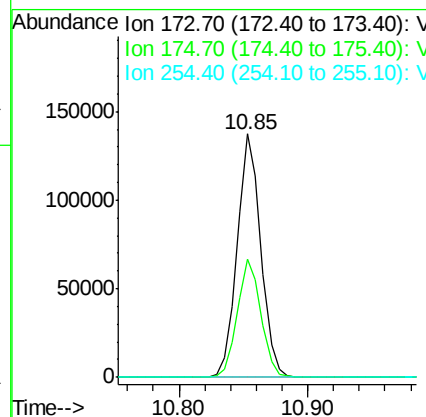
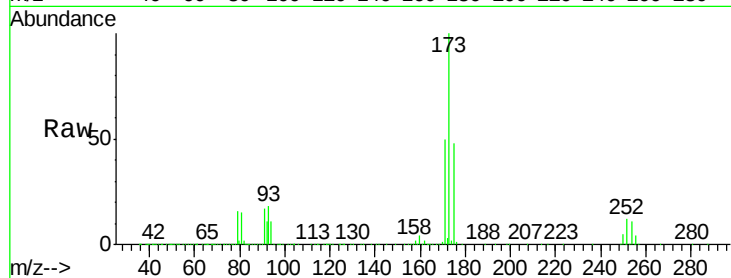
#71
Bromoform
Concen: 49.142 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
173	100	175870		
175	48.8	24.9	74.7	
254	0.2	0.1	0.1#	

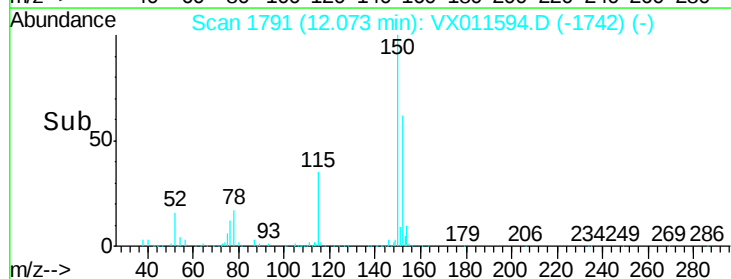
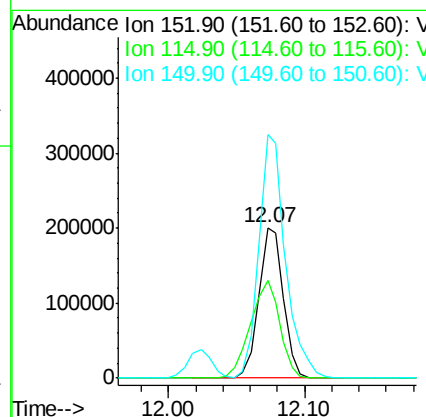
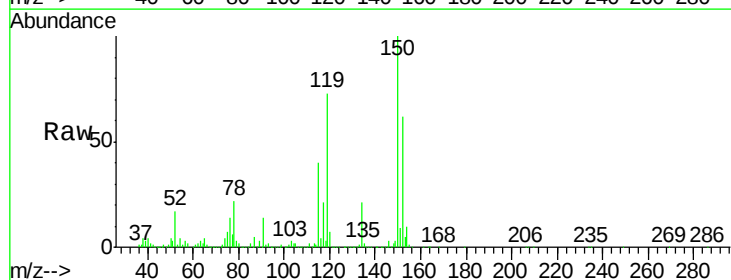
Manual Integrations
APPROVED

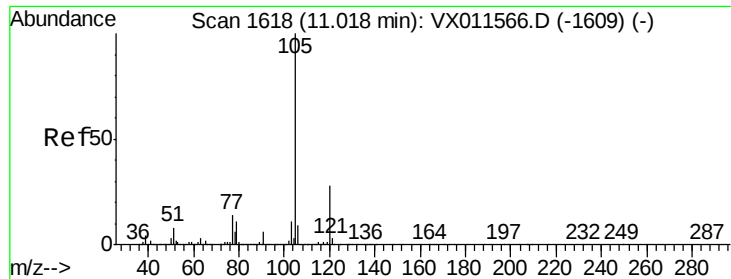
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	253769		
115	77.4	37.3	111.9	
150	176.1	0.0	346.2	





#73

Isopropylbenzene

Concen: 54.950 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 904845

Ion Ratio Lower Upper

105 100

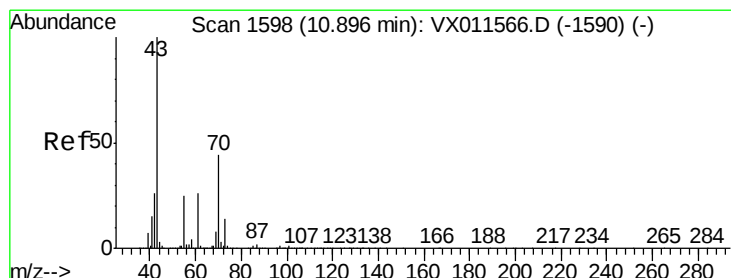
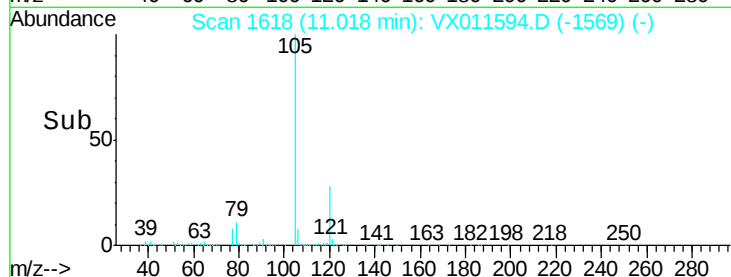
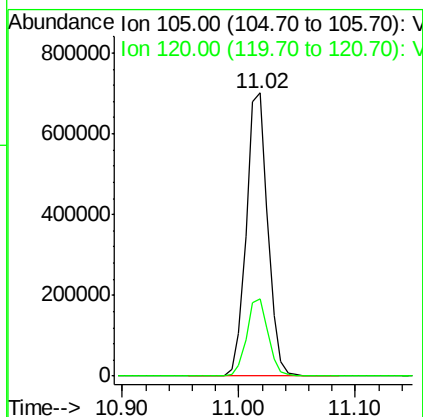
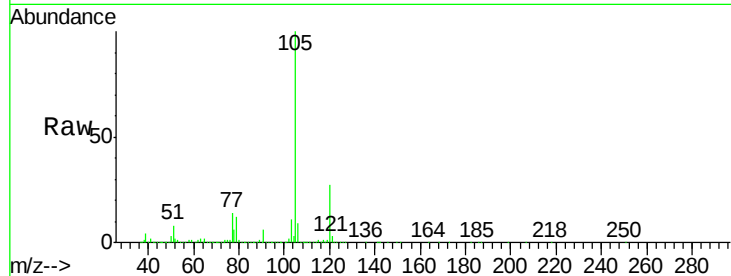
120 27.4 14.0 41.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.767 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion: 43 Resp: 383246

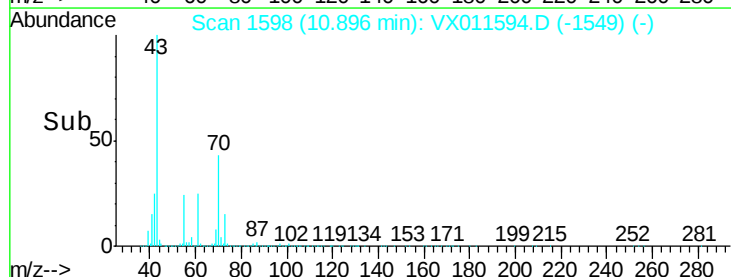
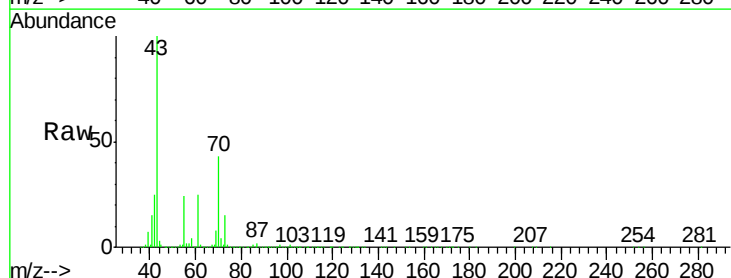
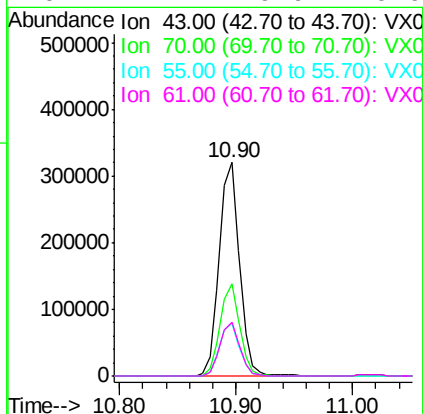
Ion Ratio Lower Upper

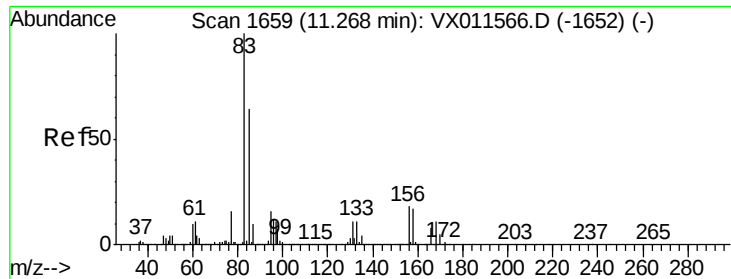
43 100

70 42.1 34.7 52.1

55 24.7 19.6 29.4

61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.624 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

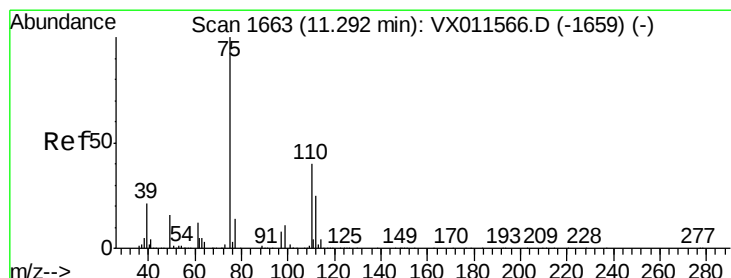
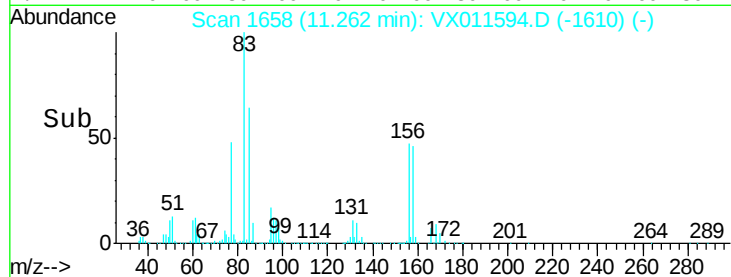
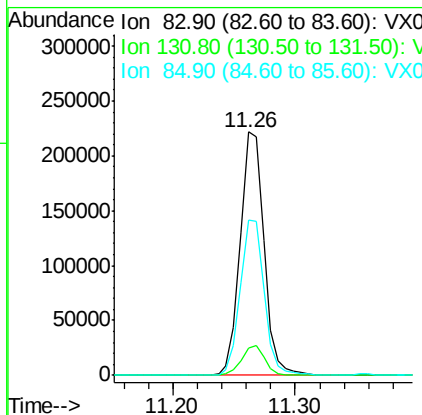
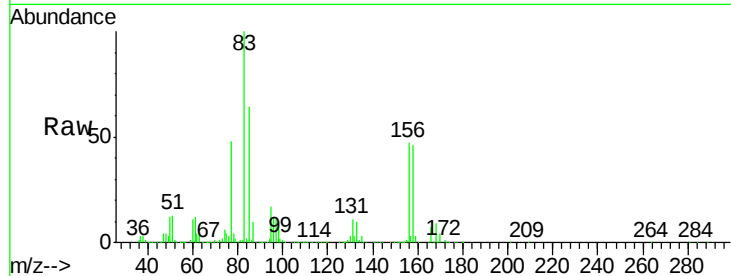
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	298092
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.3
85	64.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.466 ug/l m

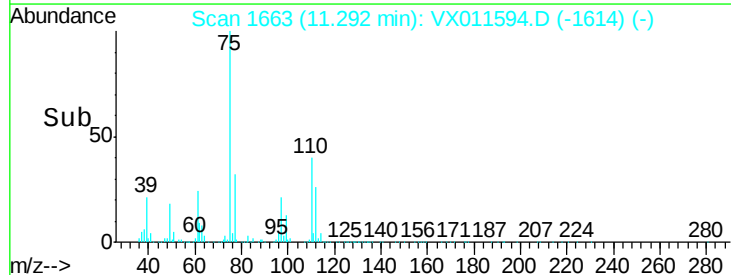
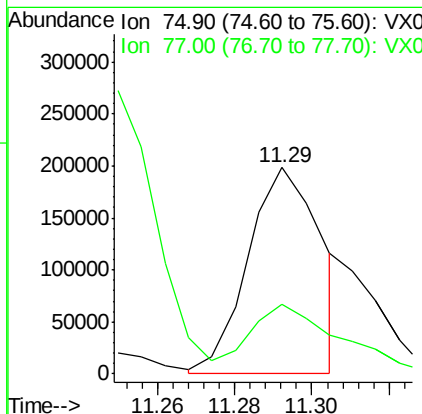
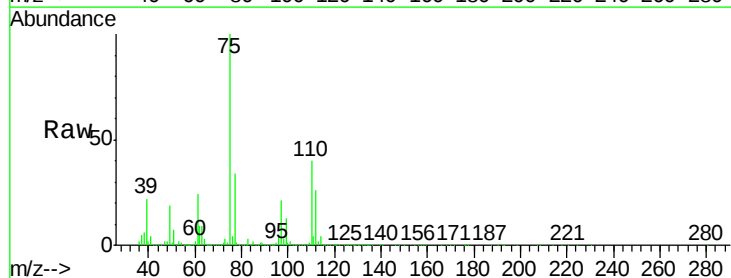
RT: 11.29 min Scan# 1663

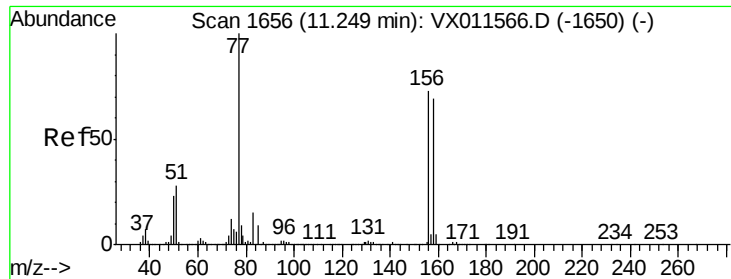
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	75	Resp:	262095
Ion Ratio	Lower	Upper	
75	100		
77	41.7	20.9	62.8





#77

Bromobenzene

Concen: 53.421 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

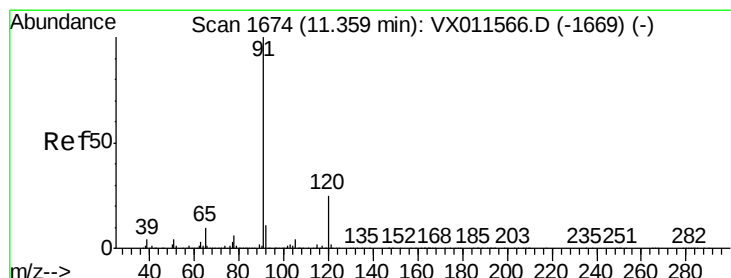
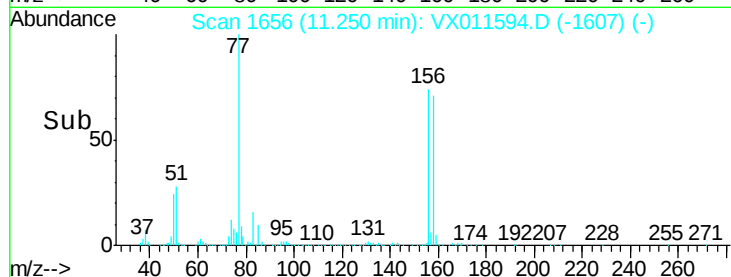
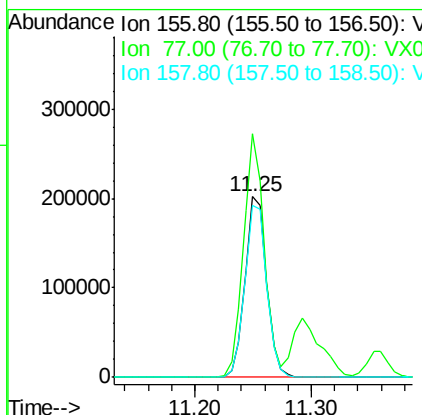
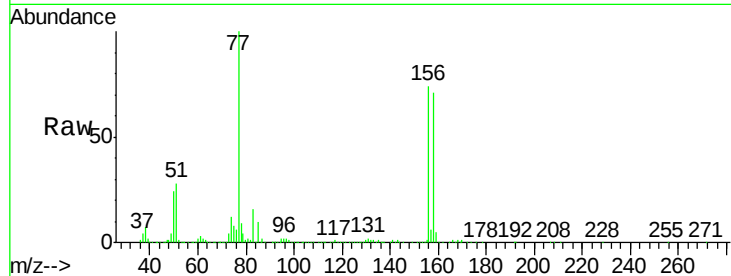
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	261719
Ion Ratio	Lower	Upper	
156	100		
77	129.9	64.6	193.9
158	97.1	48.4	145.3

Manual Integrations
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8/19/2019 10:29:35 AM



#78

n-propylbenzene

Concen: 55.325 ug/l

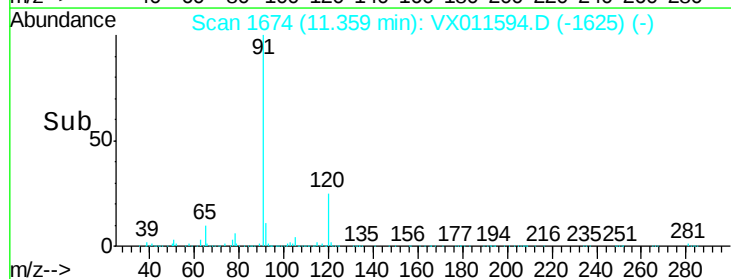
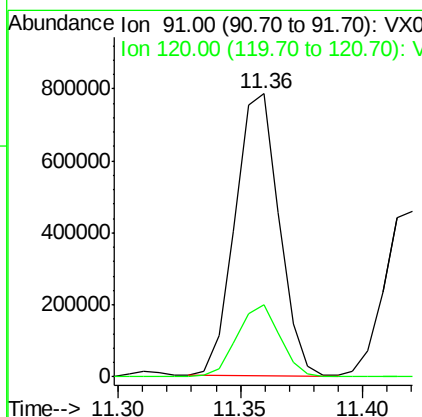
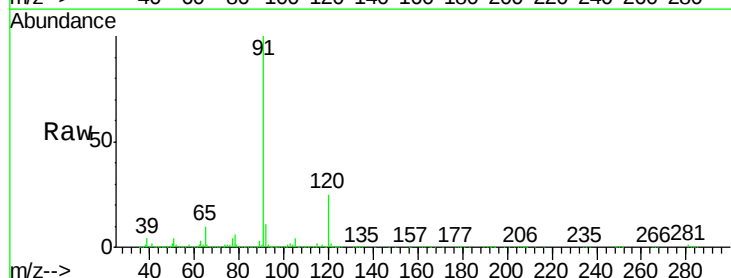
RT: 11.36 min Scan# 1674

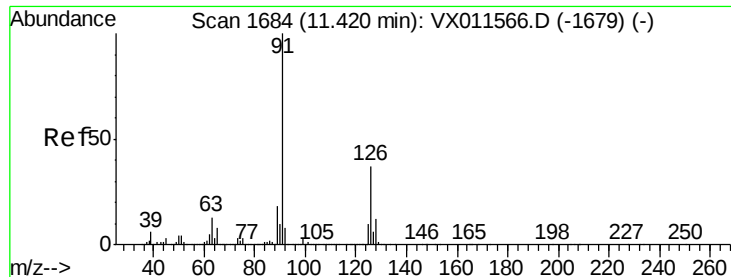
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	91	Resp:	982364
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.6	37.6





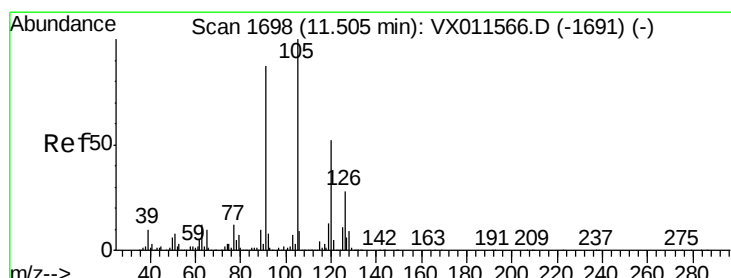
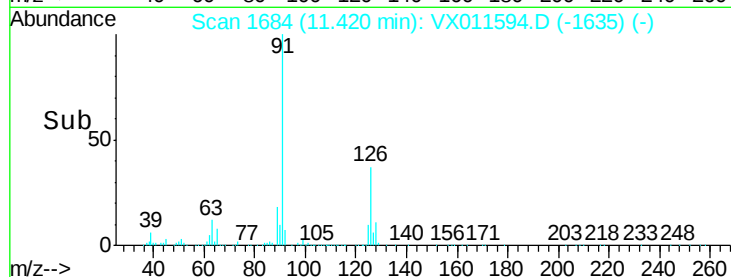
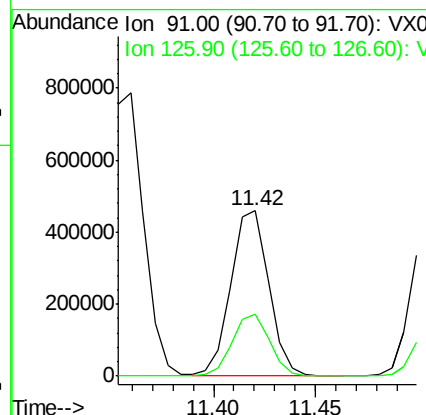
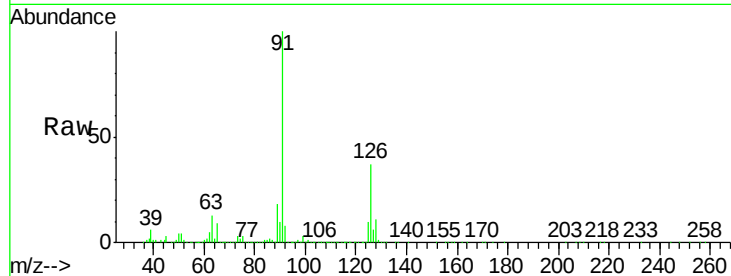
#79
 2-Chlorotoluene
 Concen: 53.918 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 587870
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.0

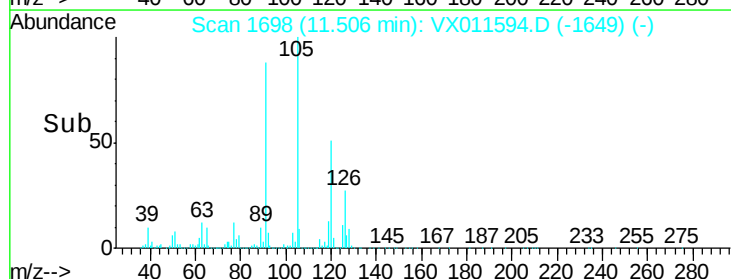
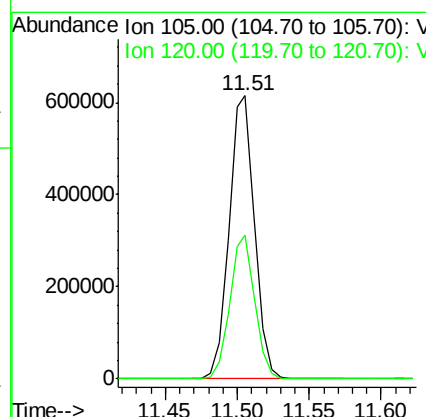
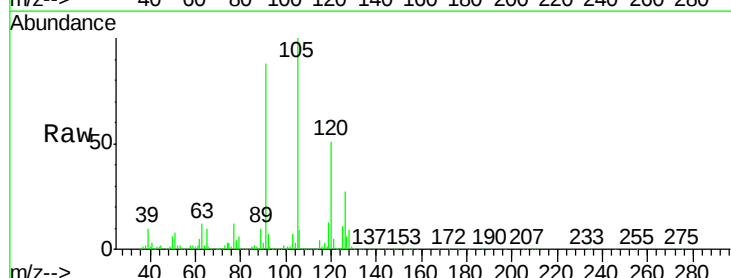
Manual Integrations
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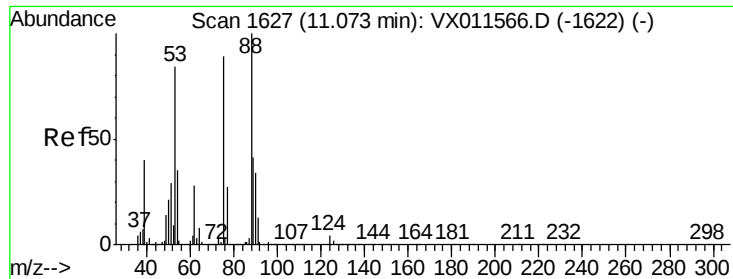
MMDadoda
 8/19/2019 10:29:35 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 55.201 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion: 105 Resp: 763571
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.887 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

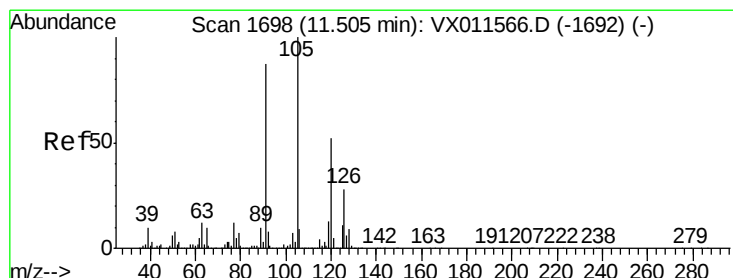
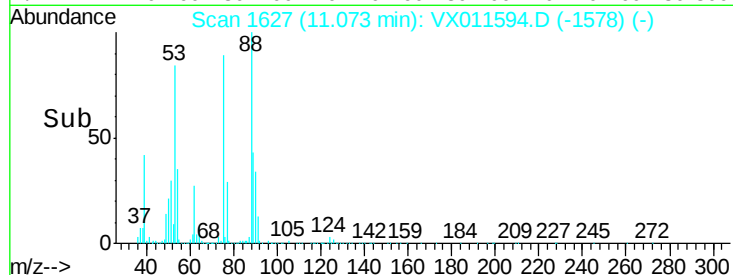
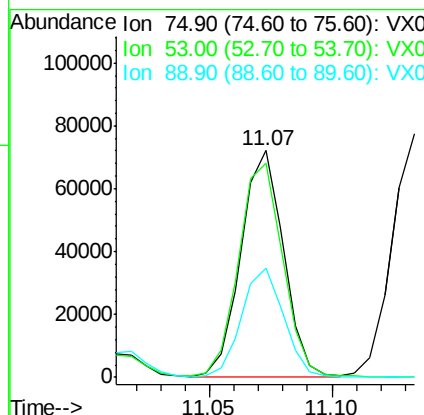
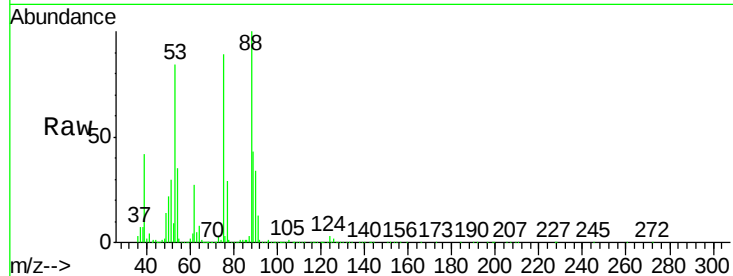
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	86646
Ion	Ratio	Lower	Upper
75	100		
53	98.5	77.4	116.0
89	47.9	37.3	55.9

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#82

4-Chlorotoluene

Concen: 54.064 ug/l

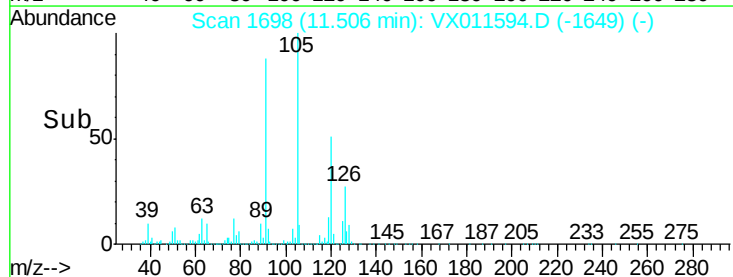
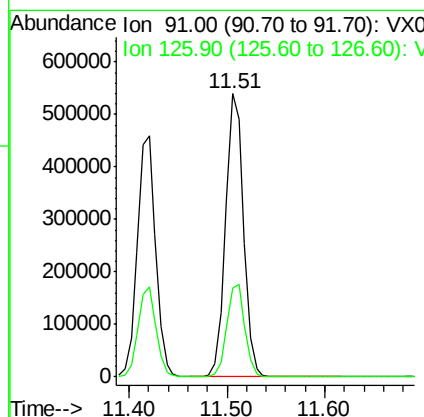
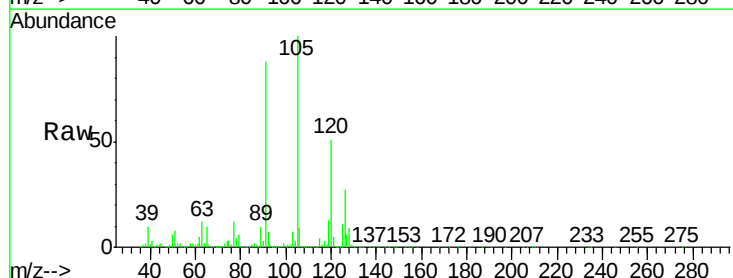
RT: 11.51 min Scan# 1698

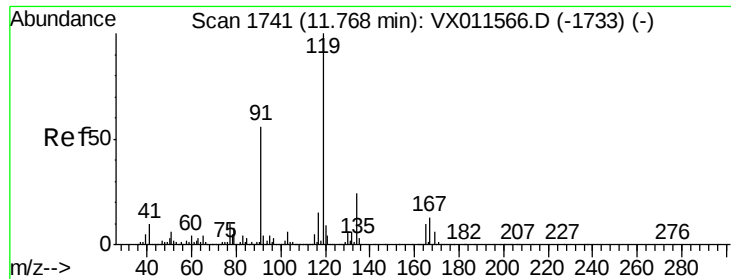
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	91	Resp:	683872
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.1





#83

tert-Butylbenzene

Concen: 54.962 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

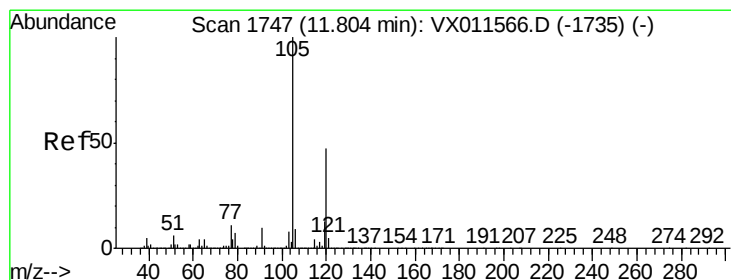
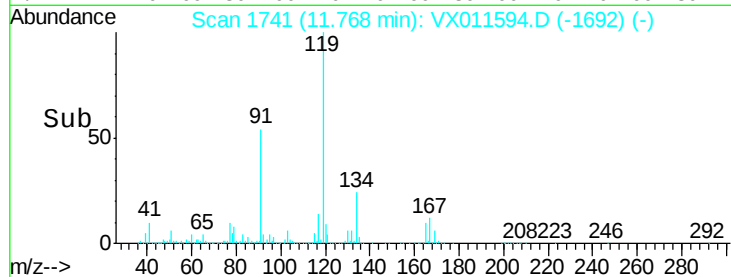
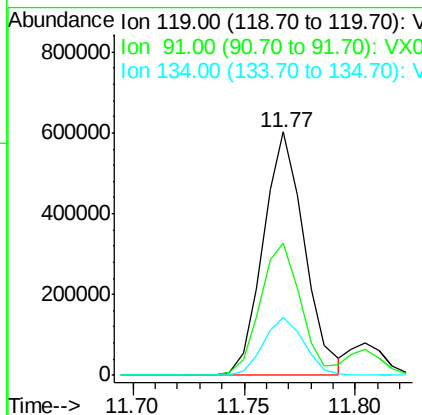
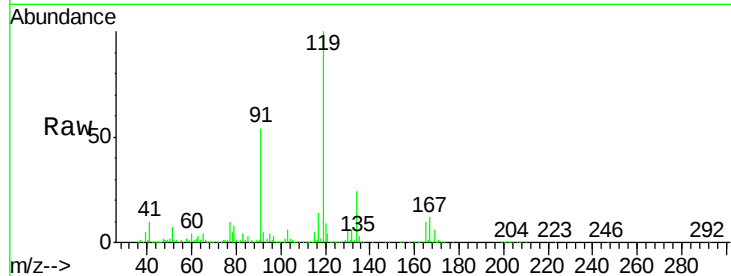
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	774324
Ion Ratio	Lower	Upper	
119	100		
91	54.2	27.1	81.3
134	23.7	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 55.697 ug/l

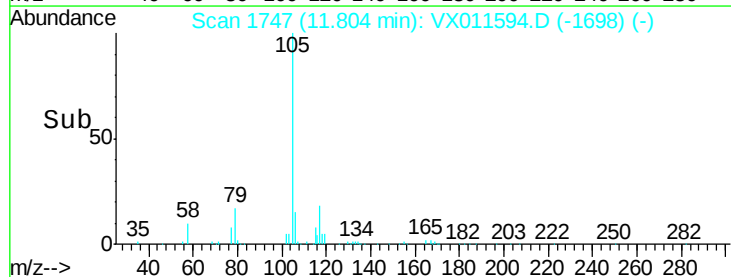
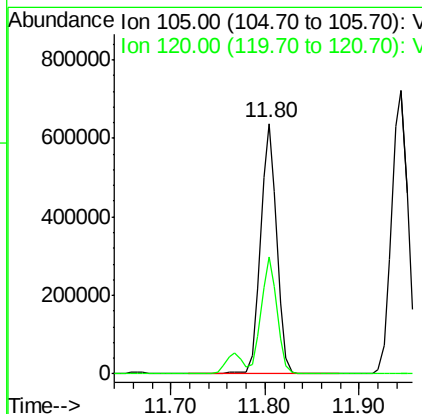
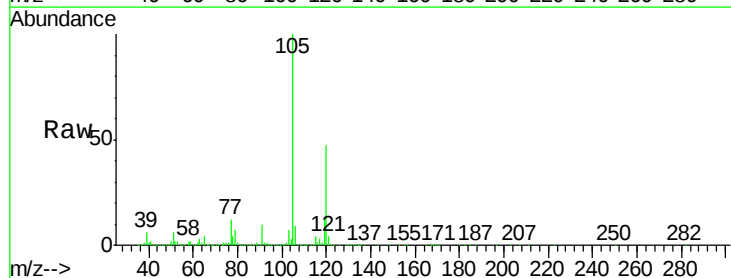
RT: 11.80 min Scan# 1747

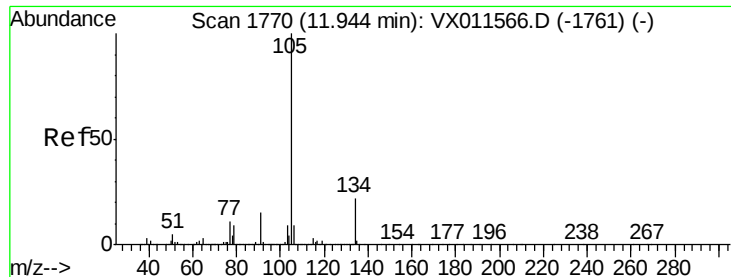
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion:	105	Resp:	773455
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 55.100 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 875806

Ion Ratio Lower Upper

105 100

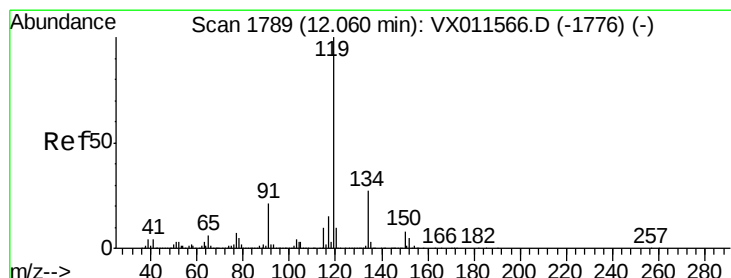
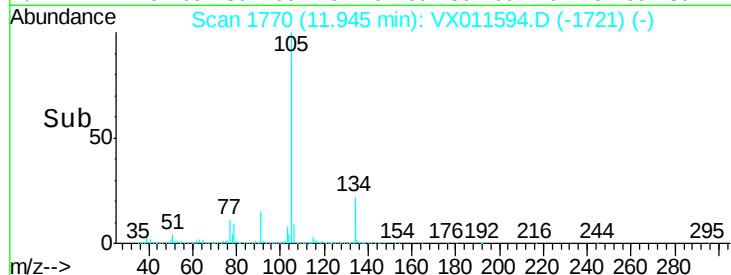
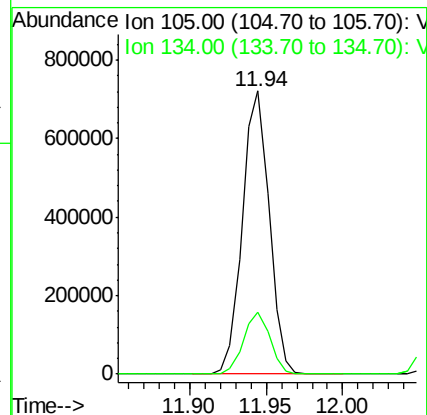
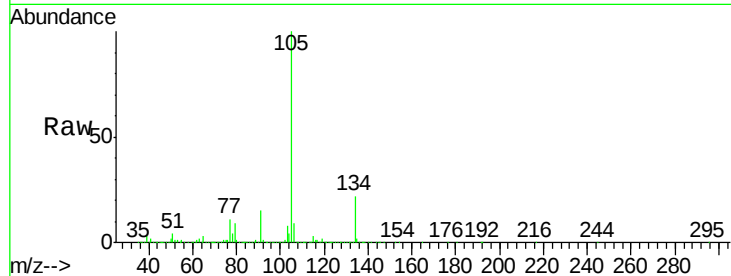
134 21.7 10.8 32.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.708 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

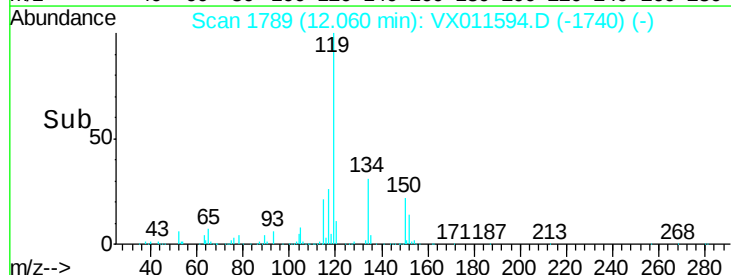
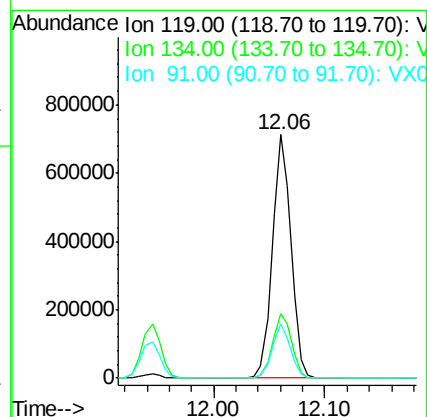
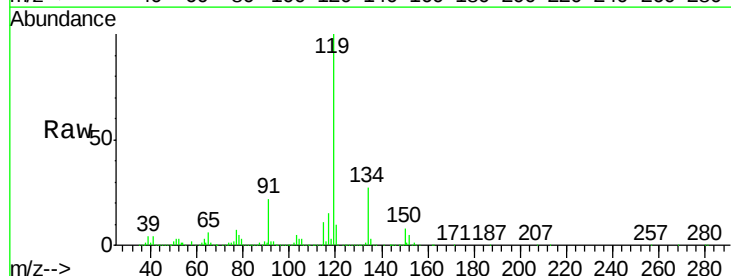
Tgt Ion:119 Resp: 833025

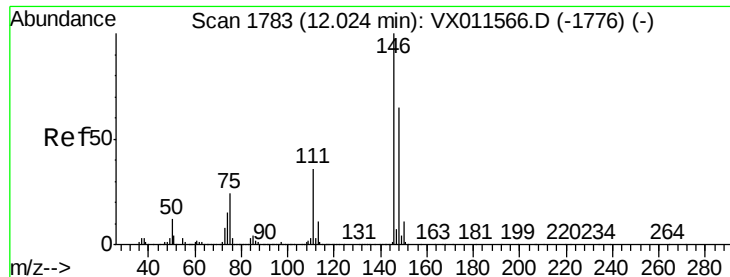
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 21.8 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 53.210 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

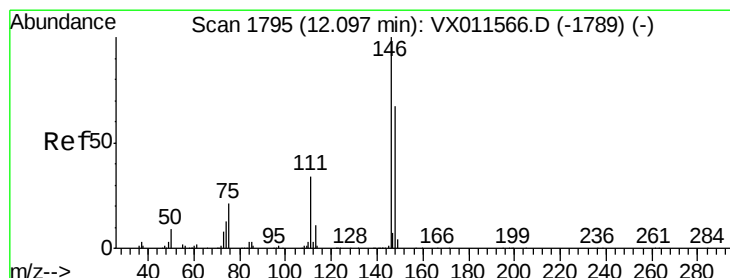
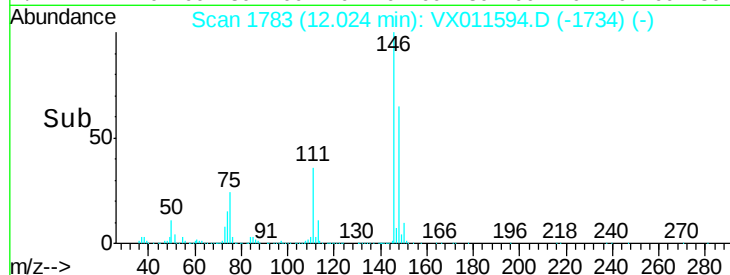
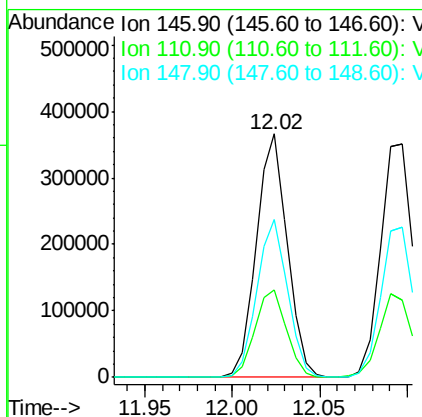
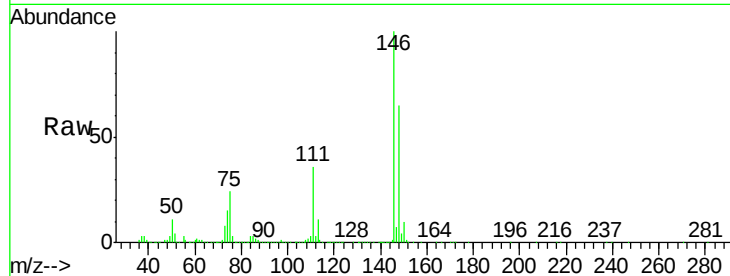
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.4
148	64.6	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.805 ug/l

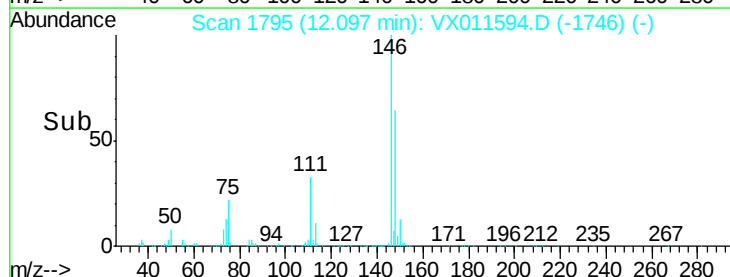
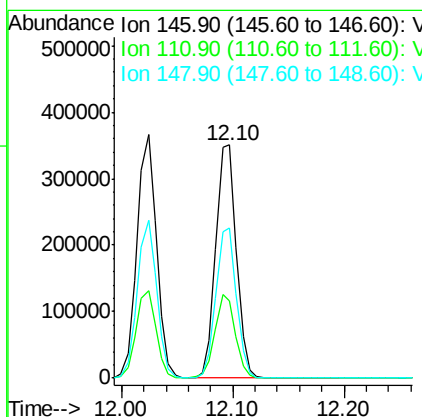
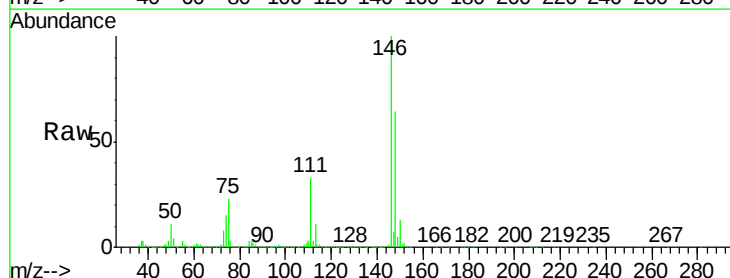
RT: 12.10 min Scan# 1795

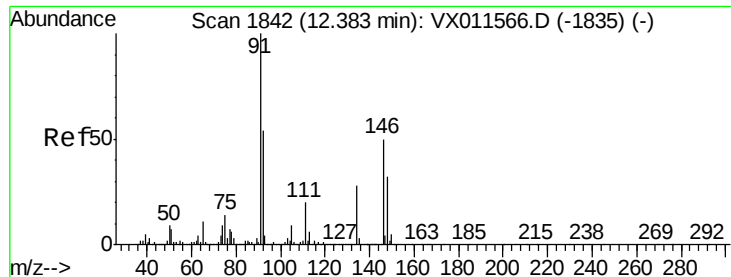
Delta R.T. 0.00 min

Lab File: VX011594.D

Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.9	53.7
148	64.0	32.5	97.5





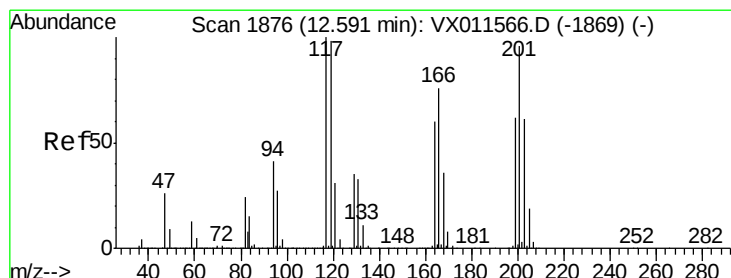
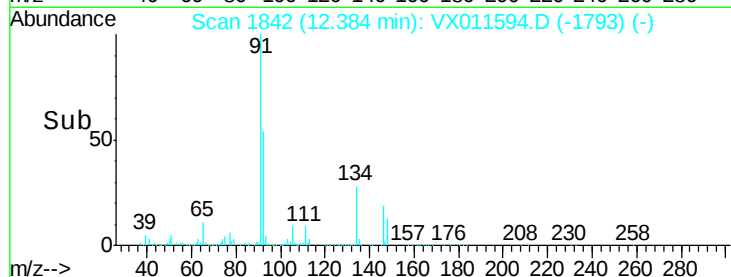
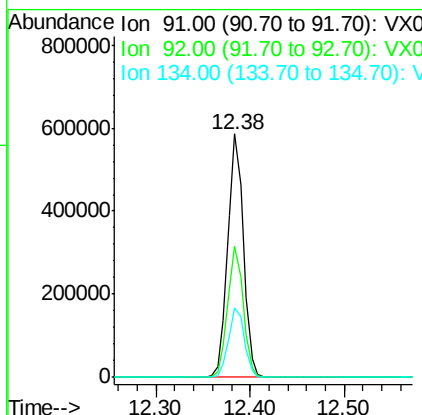
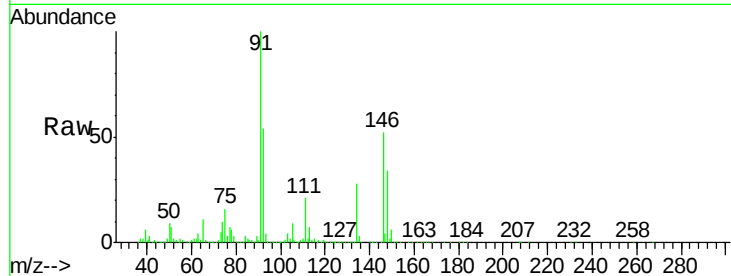
#89
n-Butylbenzene
Concen: 55.145 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	29.0	14.6	44.0

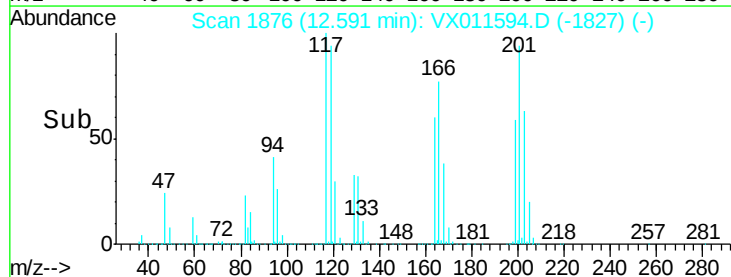
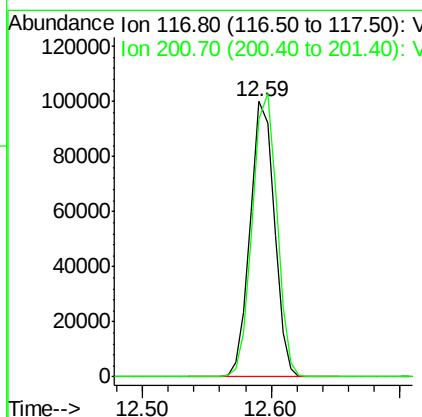
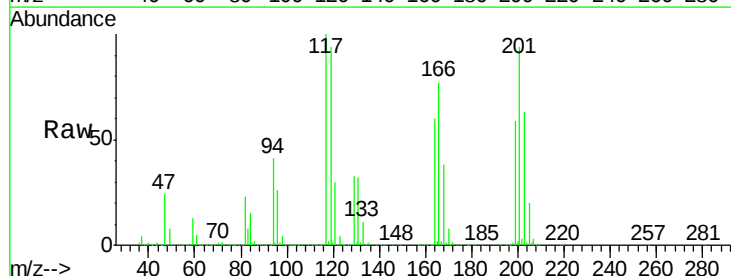
Manual Integrations
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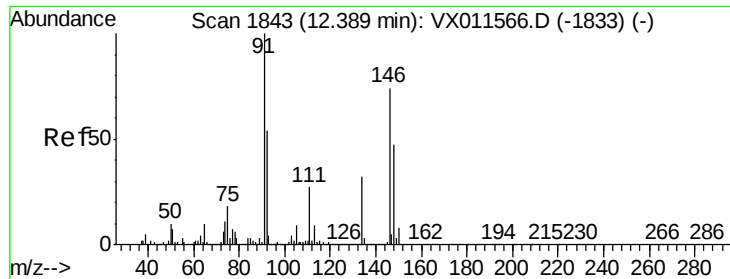
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#90
Hexachloroethane
Concen: 54.758 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.0	51.9	155.7





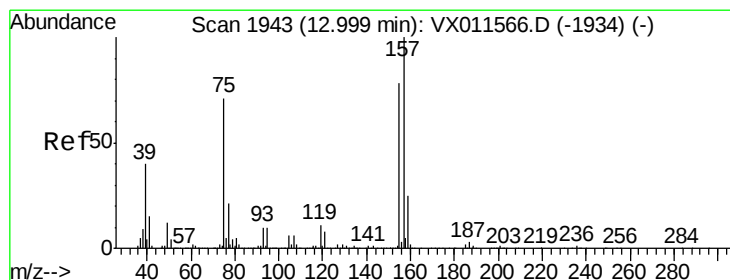
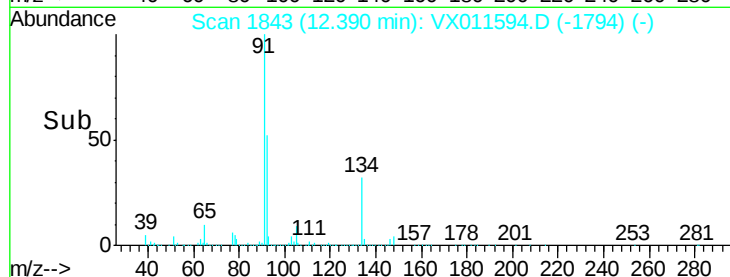
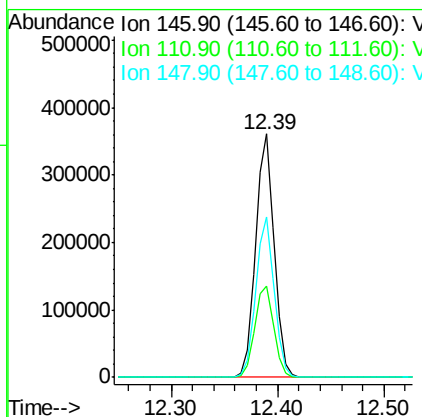
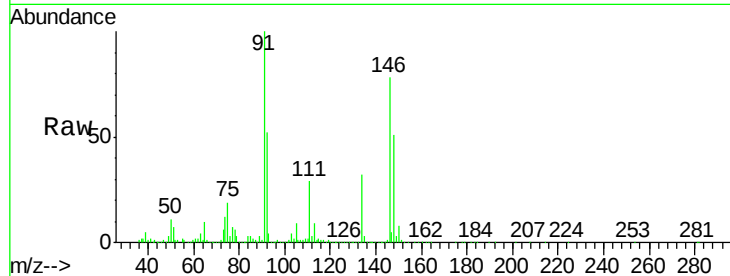
#91
 1,2-Dichlorobenzene
 Concen: 52.024 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.7
148	65.2	31.9	95.9

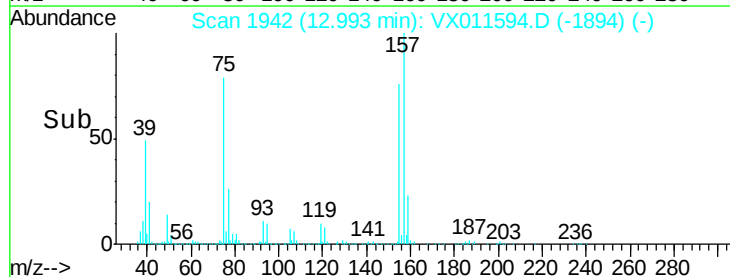
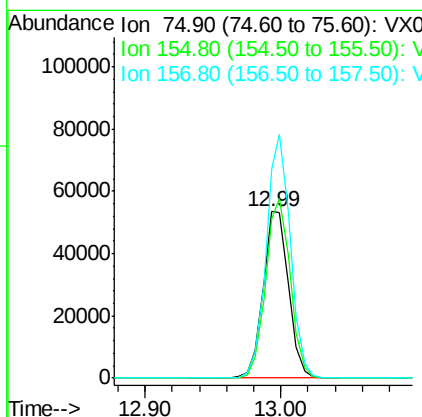
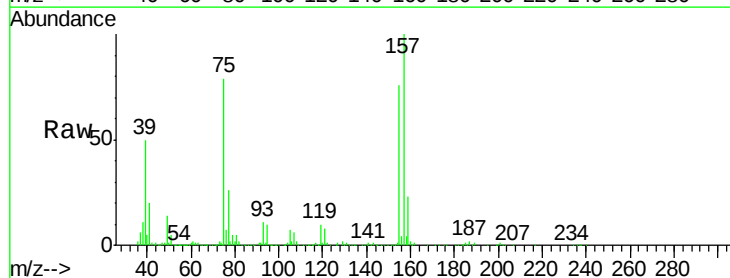
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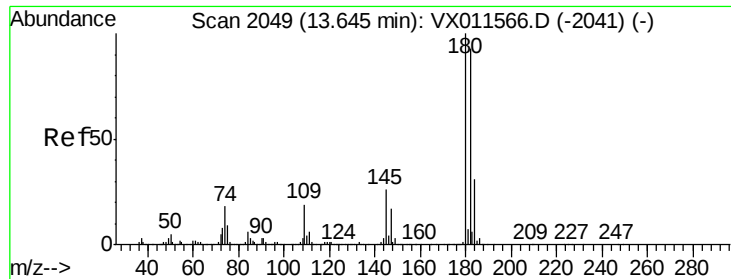
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.264 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.0	53.0	159.0
157	138.8	68.3	205.1





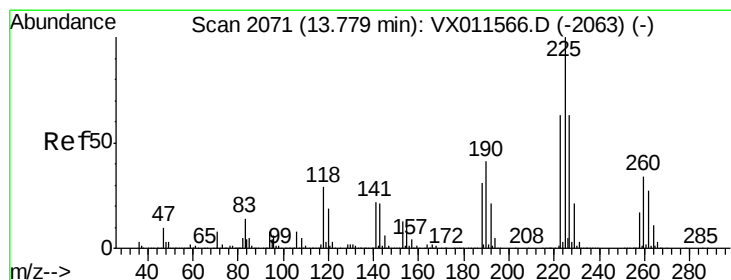
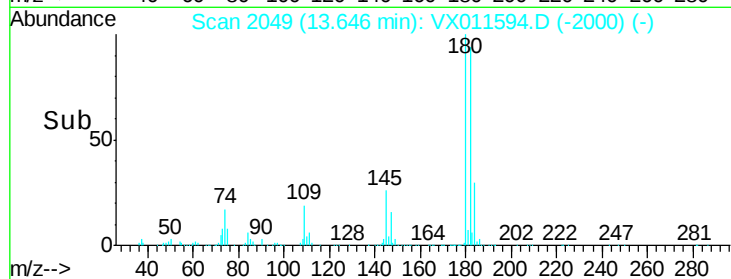
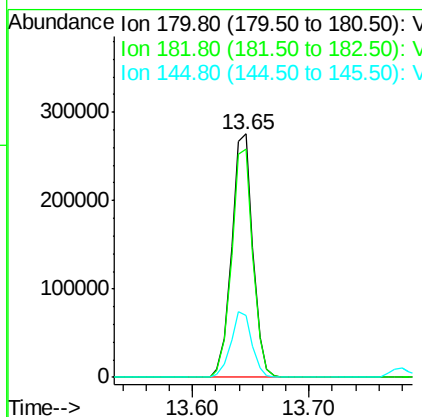
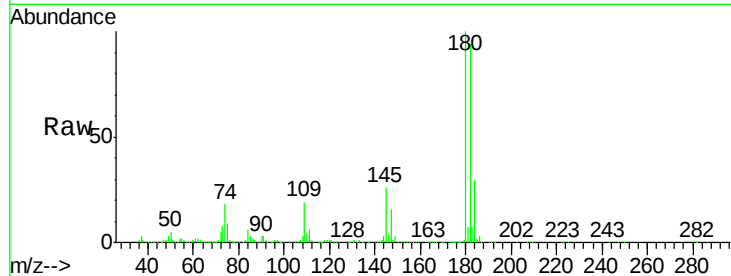
#93
 1,2,4-Trichlorobenzene
 Concen: 55.107 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	347091		
182	94.2	47.3	142.0	
145	26.9	13.6	40.8	

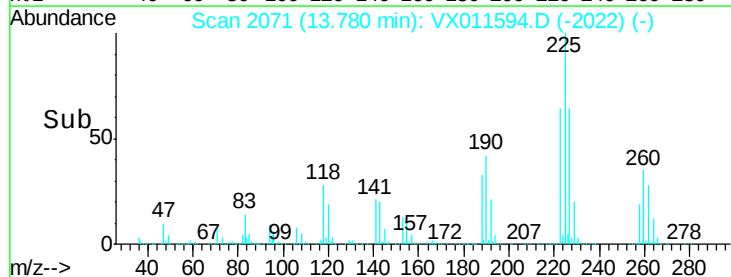
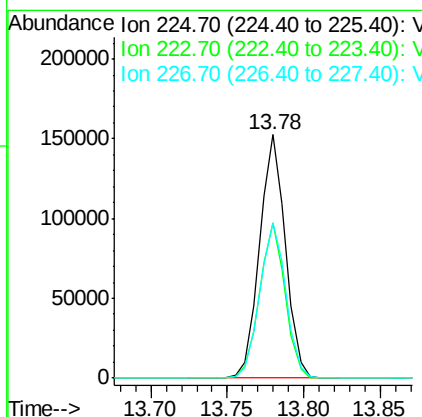
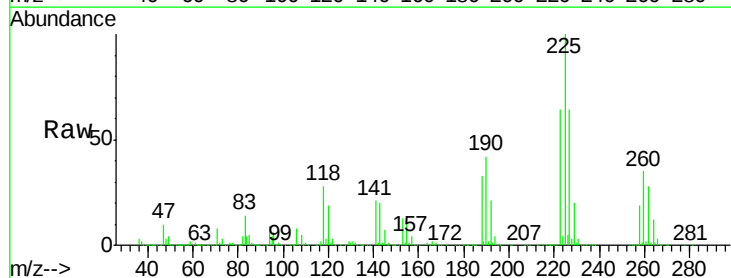
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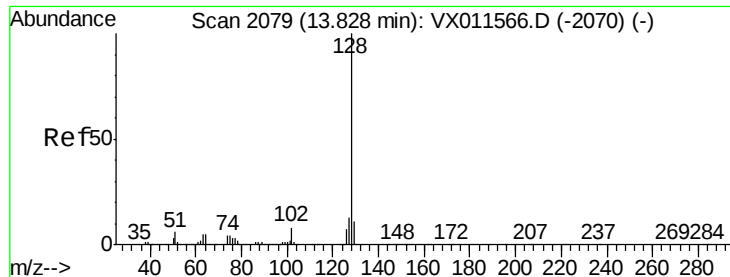
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#94
 Hexachlorobutadiene
 Concen: 52.224 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011594.D
 Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	179108		
223	63.3	31.4	94.0	
227	64.6	31.2	93.6	





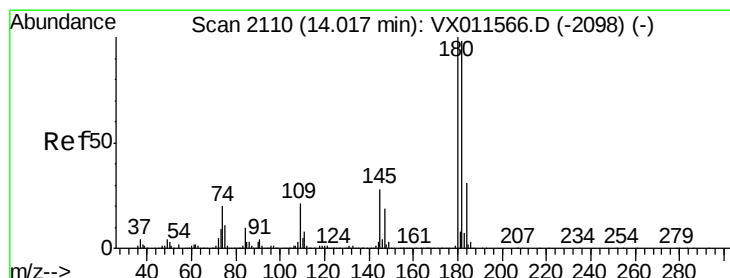
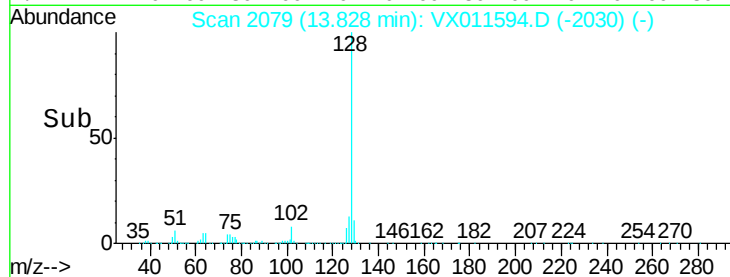
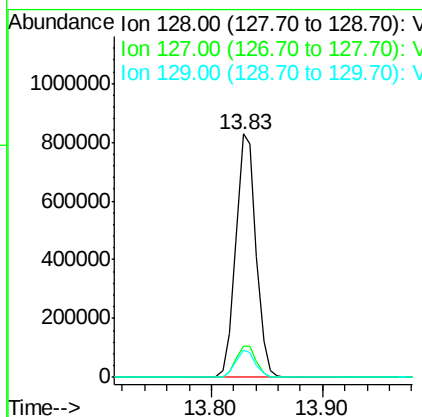
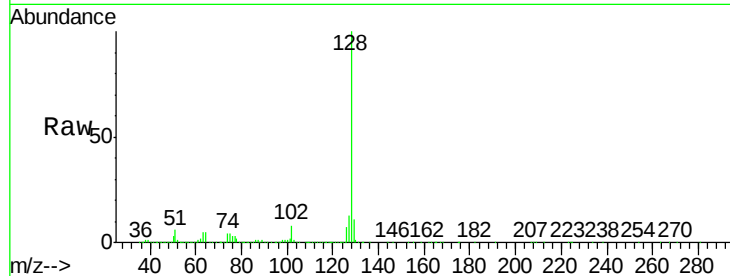
#95
Naphthalene
Concen: 58.125 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.236 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011594.D
Acq: 16 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	29.0	14.6	43.8

