

Data File : VX011619.D
Acq On : 19 Aug 2019 09:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/20/2019 3:41:11 PM

Quant Time: Aug 20 10:08:05 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	390092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	516706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	464190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	263931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	157721	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
35) Dibromofluoromethane	5.49	113	149152	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
50) Toluene-d8	8.71	98	482531	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.13	95	203071	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	207209	54.040	ug/l	99
3) Chloromethane	1.32	50	168428	42.292	ug/l	99
4) Vinyl Chloride	1.40	62	172422	47.928	ug/l	99
5) Bromomethane	1.63	94	78739	48.846	ug/l	94
6) Chloroethane	1.71	64	83721	49.171	ug/l	98
7) Trichlorofluoromethane	1.92	101	252318	50.636	ug/l	96
8) Diethyl Ether	2.18	74	82882	48.488	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	160953	46.765	ug/l	97
10) Methyl Iodide	2.50	142	222294	45.339	ug/l	100
11) Tert butyl alcohol	3.04	59	206348	232.505	ug/l	99
12) 1,1-Dichloroethene	2.36	96	148108	44.528	ug/l	98
13) Acrolein	2.28	56	49994	186.336	ug/l	96
14) Allyl chloride	2.71	41	273422	49.416	ug/l	99
15) Acrylonitrile	3.13	53	474037	233.376	ug/l	100
16) Acetone	2.43	43	461563	253.747	ug/l	98
17) Carbon Disulfide	2.56	76	378476	48.290	ug/l	100
18) Methyl Acetate	2.76	43	271879	48.194	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	539379	49.791	ug/l	98
20) Methylene Chloride	2.85	84	175094	45.845	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	168139	47.703	ug/l	98
22) Diisopropyl ether	3.84	45	534276	48.487	ug/l	96
23) Vinyl Acetate	3.81	43	2182394	250.113	ug/l	100
24) 1,1-Dichloroethane	3.68	63	295891	47.495	ug/l	98
25) 2-Butanone	4.66	43	675174	236.433	ug/l	98
26) 2,2-Dichloropropane	4.57	77	255000	54.383	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196766	47.887	ug/l	98
28) Bromochloromethane	5.00	49	122915	44.944	ug/l	99
29) Tetrahydrofuran	5.12	42	433752	231.553	ug/l	100
30) Chloroform	5.20	83	313299	47.651	ug/l	100
31) Cyclohexane	5.57	56	266295	49.645	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	282976	50.054	ug/l	99
36) 1,1-Dichloropropene	5.79	75	230022	52.067	ug/l	100
37) Ethyl Acetate	4.82	43	248739	48.952	ug/l	100
38) Carbon Tetrachloride	5.77	117	256615	52.723	ug/l	97

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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)
39) Methylcyclohexane	7.46	83	289165	53.003	ug/l	97
40) Benzene	6.13	78	683613	49.795	ug/l	98
41) Methacrylonitrile	5.03	41	140312	50.173	ug/l	99
42) 1,2-Dichloroethane	6.18	62	242422	50.967	ug/l	100
43) Isopropyl Acetate	6.43	43	398205	50.215	ug/l	100
44) Trichloroethene	7.21	130	207735	51.008	ug/l	99
45) 1,2-Dichloropropane	7.51	63	174085	50.846	ug/l	98
46) Dibromomethane	7.65	93	120974	48.622	ug/l	99
47) Bromodichloromethane	7.89	83	238593	52.228	ug/l	99
48) Methyl methacrylate	7.76	41	202954	51.682	ug/l	100
49) 1,4-Dioxane	7.73	88	99044	948.248	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1291261	248.775	ug/l	100
52) Toluene	8.78	92	442944	50.644	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	262981	55.467	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	288210	55.546	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	182796	49.147	ug/l	99
56) Ethyl methacrylate	9.17	69	284934	52.708	ug/l	100
57) 1,3-Dichloropropane	9.37	76	294631	49.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	682294	253.306	ug/l	99
59) 2-Hexanone	9.49	43	1005891	251.306	ug/l	99
60) Dibromochloromethane	9.58	129	215391	55.582	ug/l	99
61) 1,2-Dibromoethane	9.66	107	201453	50.750	ug/l	99
64) Tetrachloroethene	9.33	164	203051	53.314	ug/l	99
65) Chlorobenzene	10.13	112	502422	50.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	198774	53.715	ug/l	99
67) Ethyl Benzene	10.25	91	865152	52.359	ug/l	100
68) m/p-Xylenes	10.35	106	670964	105.788	ug/l	98
69) o-Xylene	10.69	106	324985	52.309	ug/l	99
70) Styrene	10.71	104	554721	53.039	ug/l	99
71) Bromoform	10.85	173	177164	49.314	ug/l #	99
73) Isopropylbenzene	11.02	105	880223	51.397	ug/l	100
74) N-amyl acetate	10.89	43	350832	48.204	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	282752	47.994	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	252059m	50.364	ug/l	
77) Bromobenzene	11.25	156	254967	50.039	ug/l	99
78) n-propylbenzene	11.36	91	981170	53.131	ug/l	100
79) 2-Chlorotoluene	11.41	91	578261	50.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	755279	52.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	92227	49.927	ug/l	96
82) 4-Chlorotoluene	11.51	91	680491	51.725	ug/l	100
83) tert-Butylbenzene	11.77	119	759804	51.855	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	764816	52.954	ug/l	100
85) sec-Butylbenzene	11.94	105	875516	52.961	ug/l	100
86) p-Isopropyltoluene	12.06	119	842098	54.146	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	450628	51.453	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	451021	50.810	ug/l	99
89) n-Butylbenzene	12.38	91	713076	55.770	ug/l	100
90) Hexachloroethane	12.59	117	134302	54.685	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	442207	50.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	65679	48.729	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
Quantitation Report (QT Reviewed)

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ClientSampleId :
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Manual Integrations
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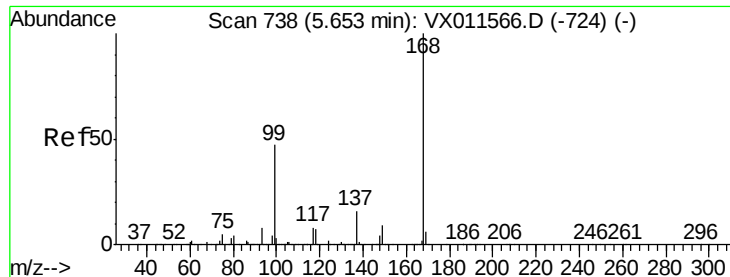
Quant Time: Aug 20 10:08:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	321266	49.043	ug/l	99
94) Hexachlorobutadiene	13.78	225	181137	50.782	ug/l	98
95) Naphthalene	13.83	128	942569	50.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329355	49.848	ug/l	99

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

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[illegible]



#1

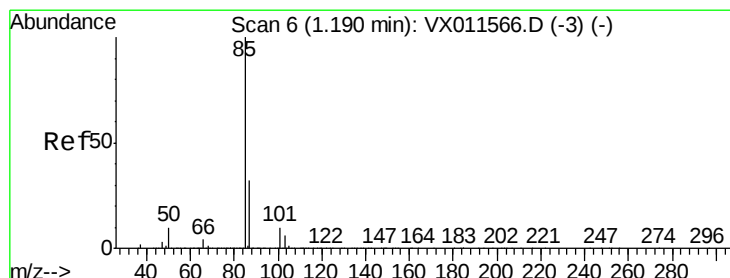
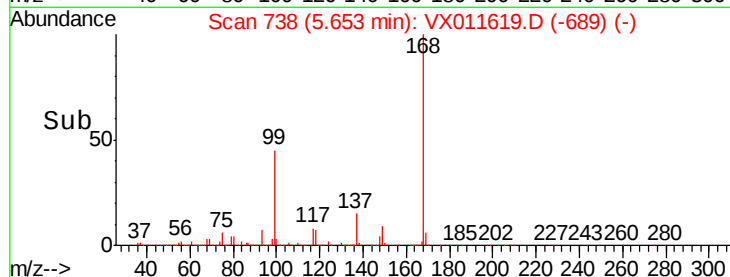
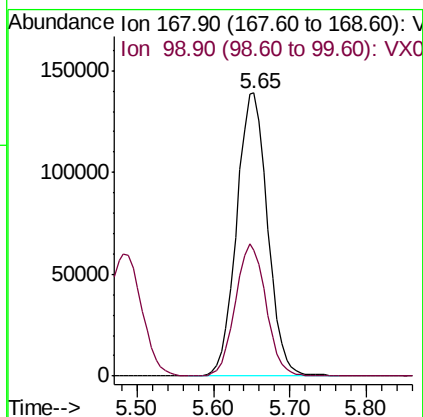
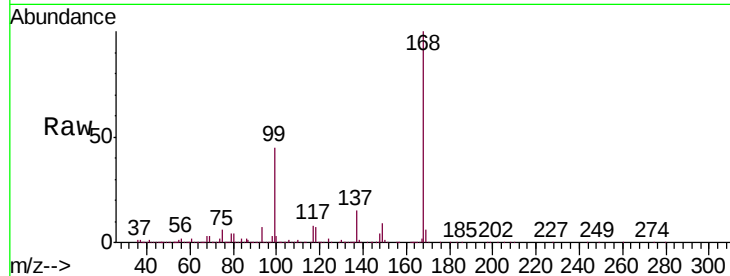
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	44.6	37.3	55.9

Manual Integrations
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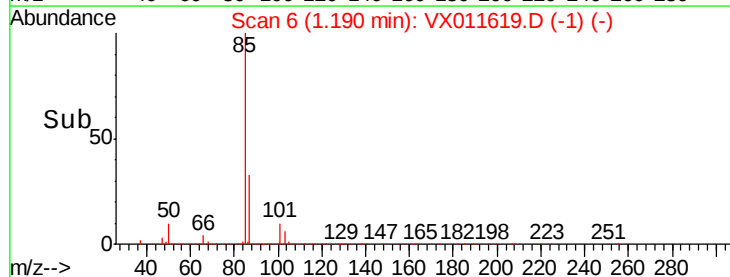
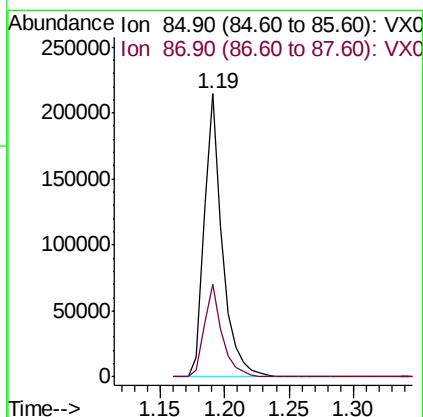
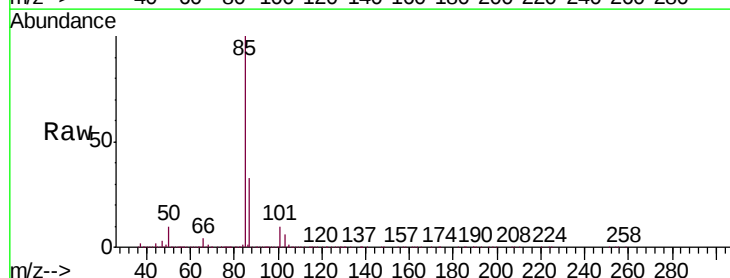
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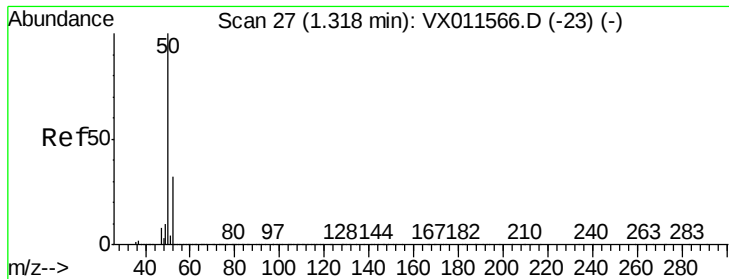


#2

Dichlorodifluoromethane
 Concen: 54.040 ug/l
 RT: 1.19 min Scan# 6
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.1	48.2





#3

Chloromethane

Concen: 42.292 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 168428

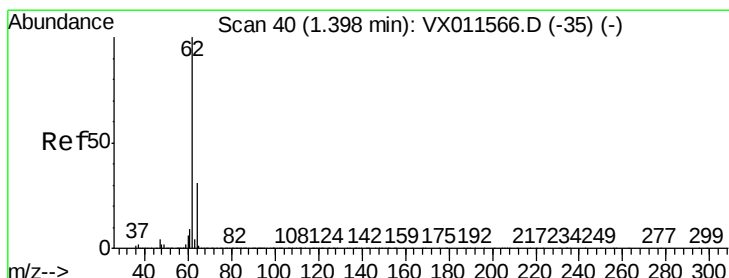
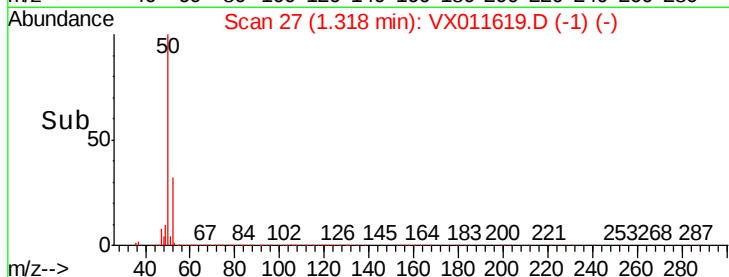
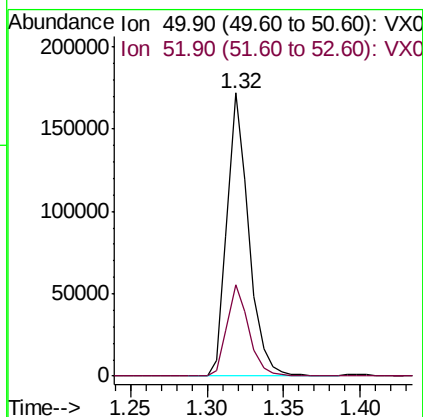
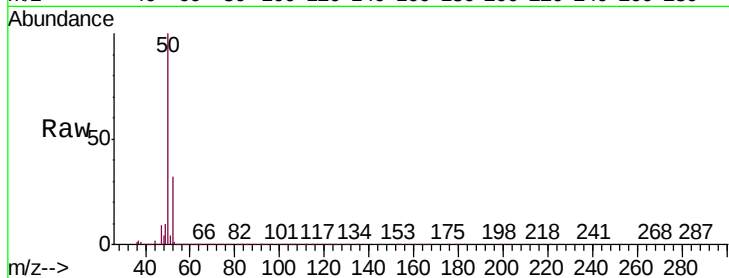
Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.928 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011619.D

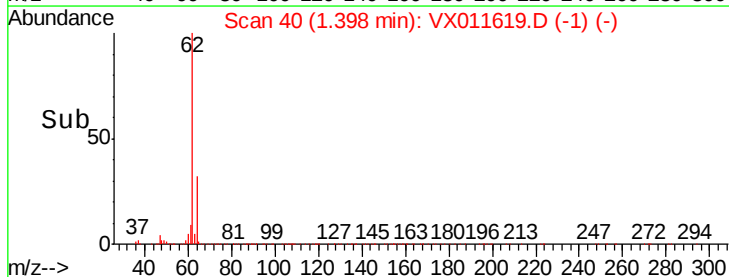
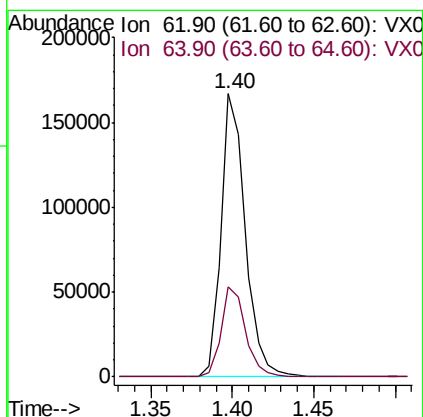
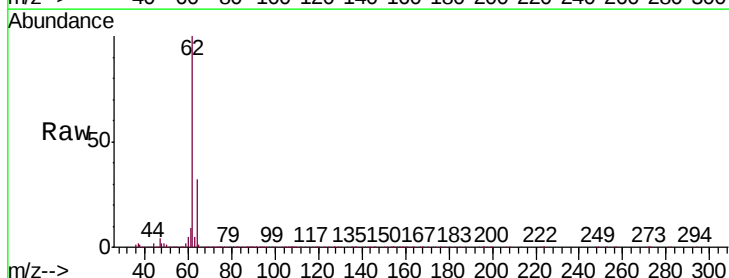
Acq: 19 Aug 2019 09:47

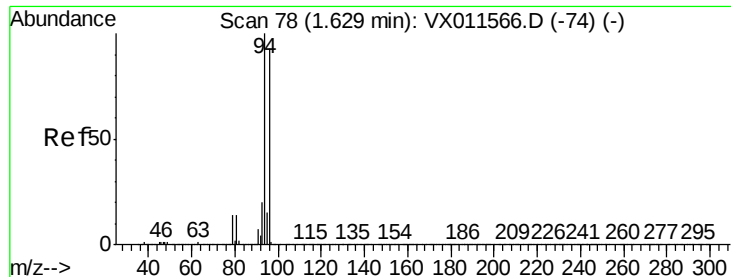
Tgt Ion: 62 Resp: 172422

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4





#5

Bromomethane

Concen: 48.846 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion: 94 Resp: 78739

Ion Ratio Lower Upper

94 100

96 98.8 74.8 112.2

Instrument :

MSVOA_X

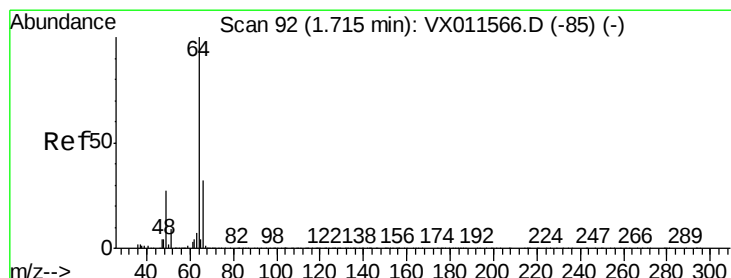
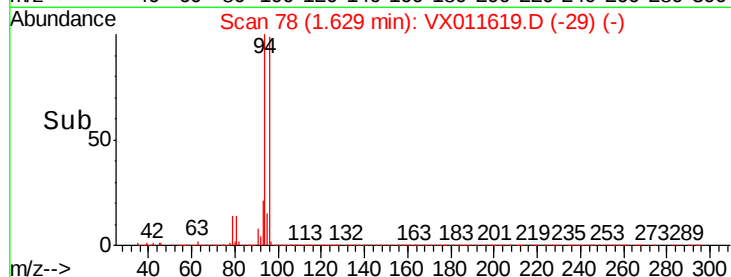
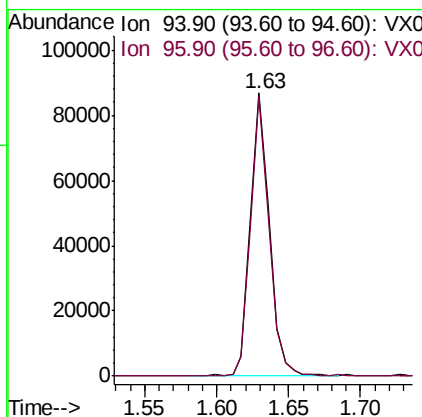
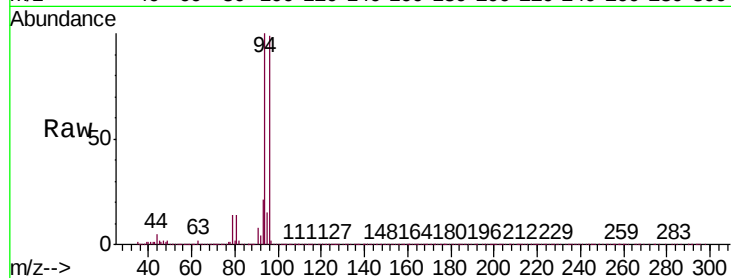
ClientSampleId :

VSTDCCC050

Manual Integrations
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#6

Chloroethane

Concen: 49.171 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011619.D

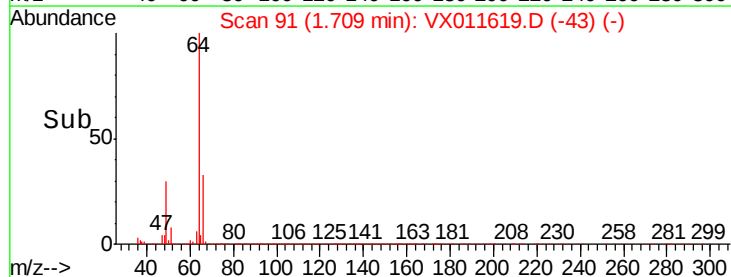
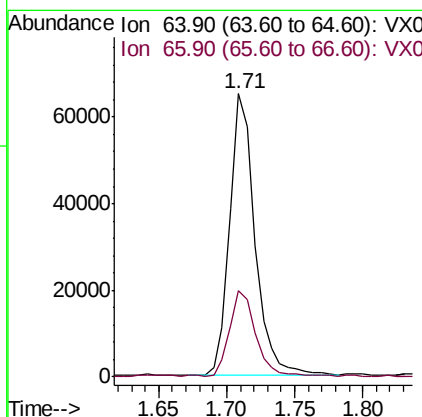
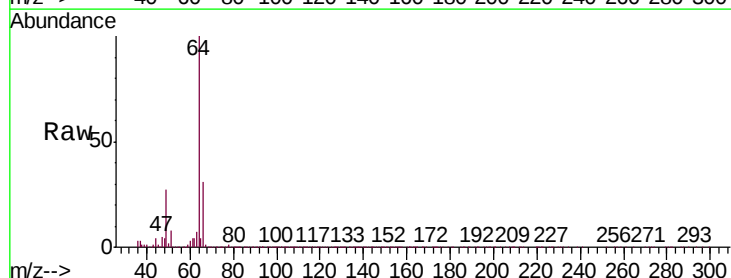
Acq: 19 Aug 2019 09:47

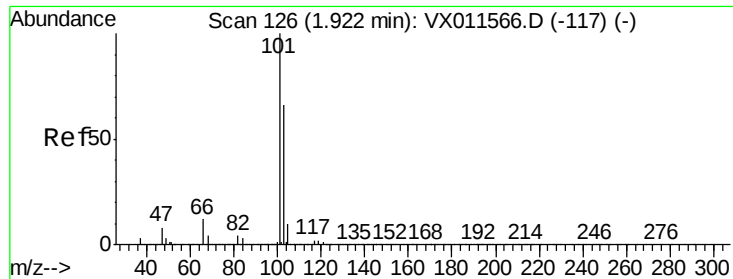
Tgt Ion: 64 Resp: 83721

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9





#7

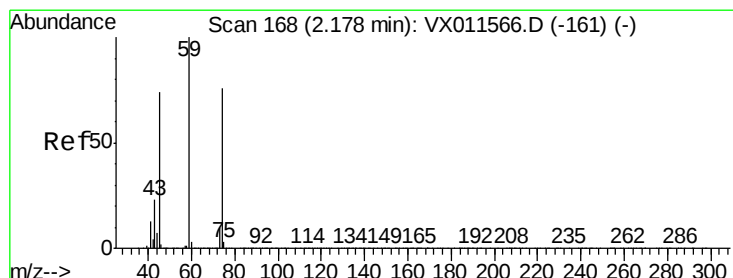
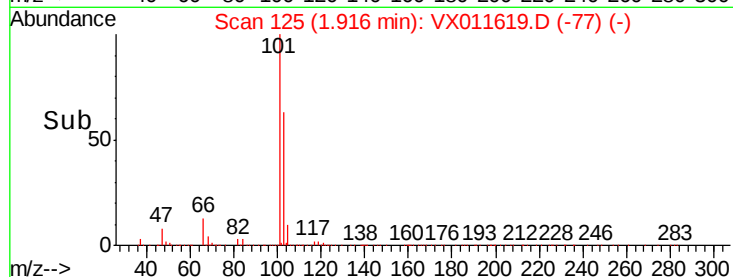
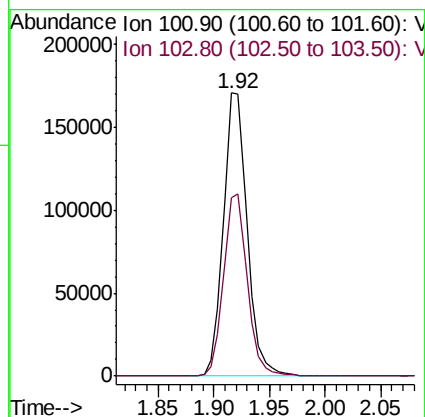
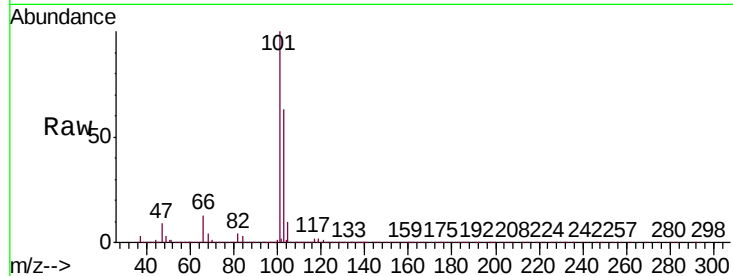
Trichlorofluoromethane
Concen: 50.636 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	252318		
103	63.2	52.9	79.3	

Manual Integrations
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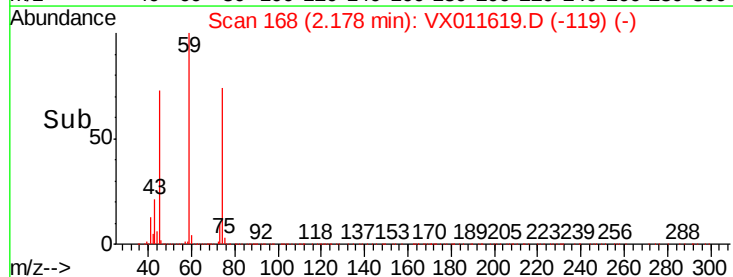
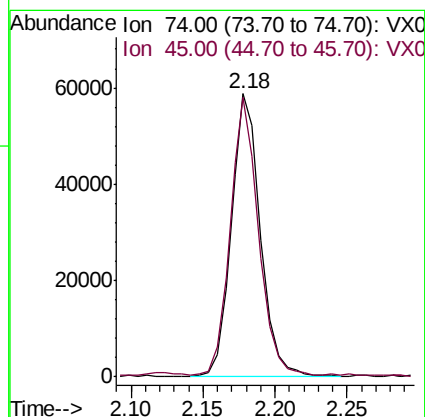
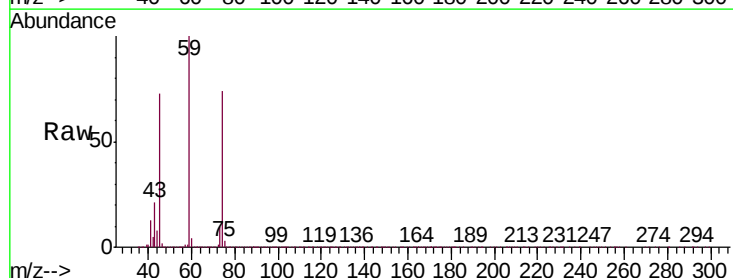
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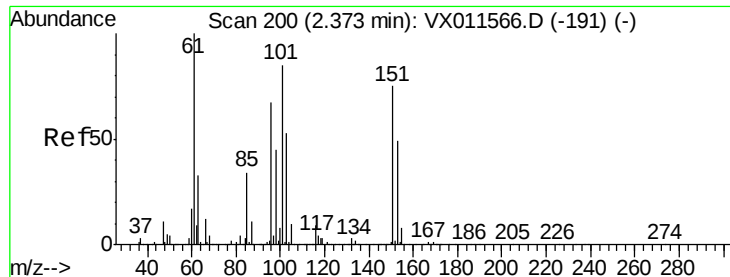


#8

Diethyl Ether
Concen: 48.488 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	82882		
45	94.1	48.2	144.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.765 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

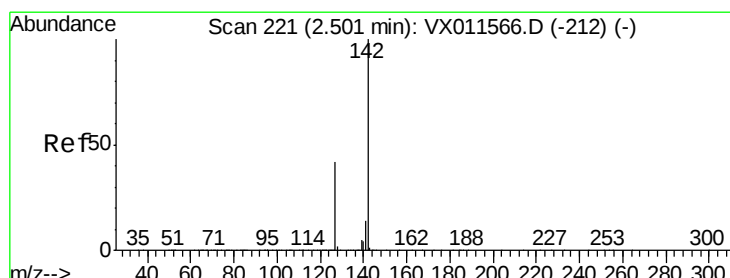
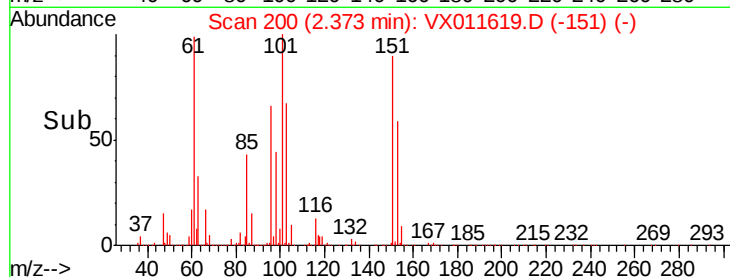
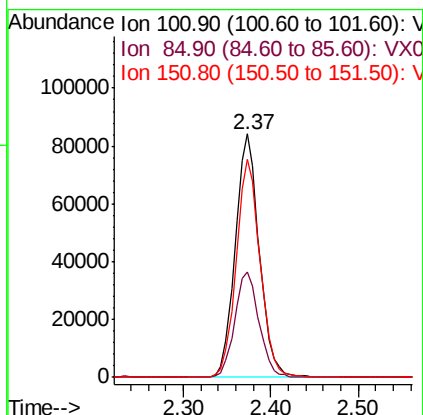
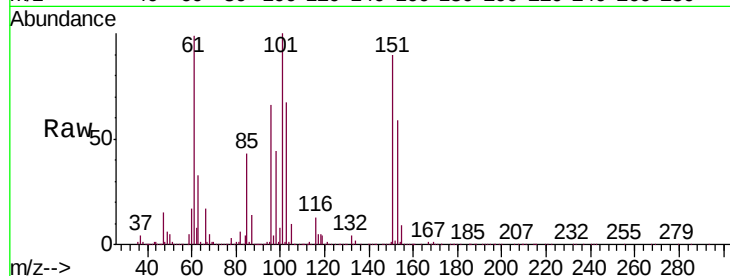
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	160953
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.0	49.4
151	89.1	73.3	109.9

Manual Integrations
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#10

Methyl Iodide

Concen: 45.339 ug/l

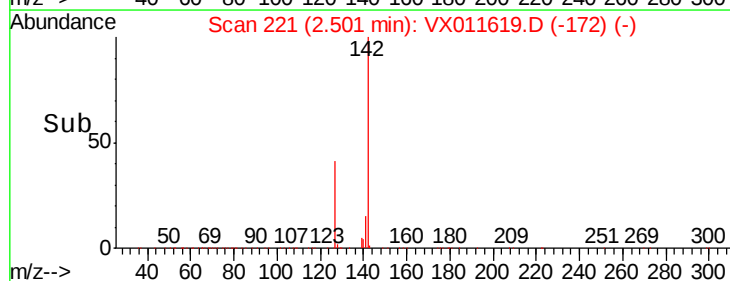
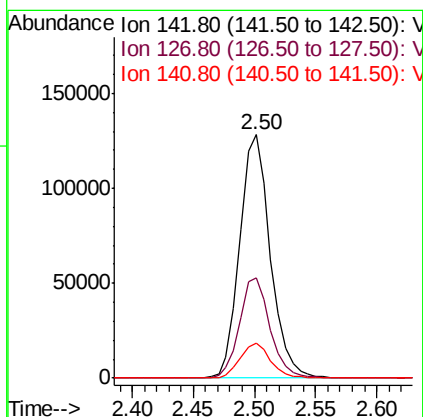
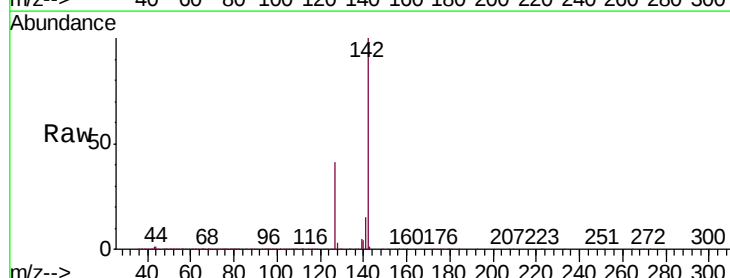
RT: 2.50 min Scan# 221

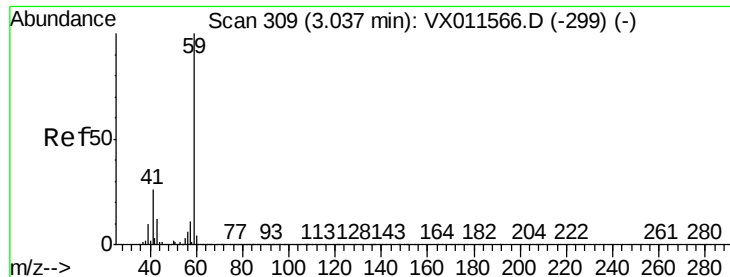
Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion:	142	Resp:	222294
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.8	49.2
141	14.3	11.4	17.2





#11

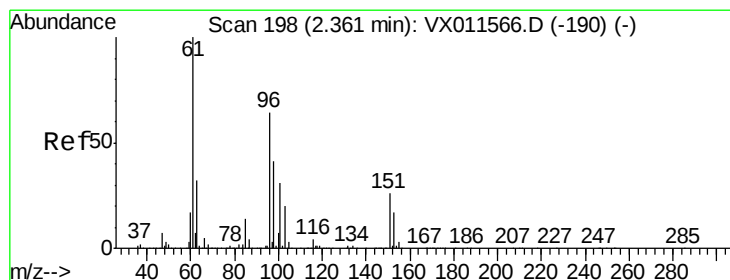
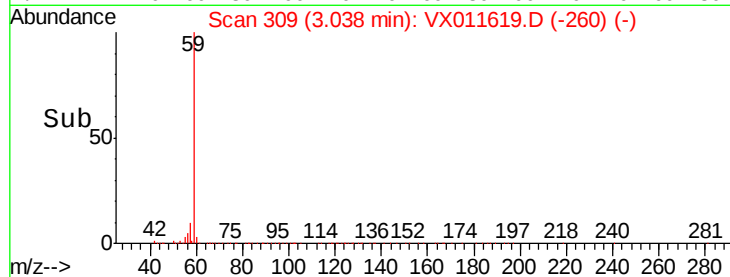
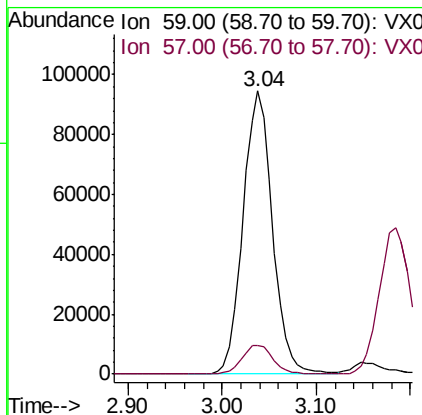
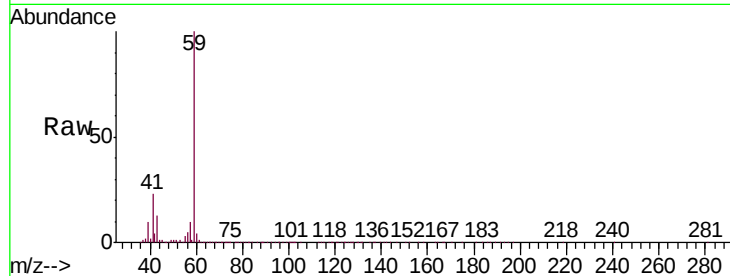
Tert butyl alcohol
Concen: 232.505 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.7	13.1

Manual Integrations
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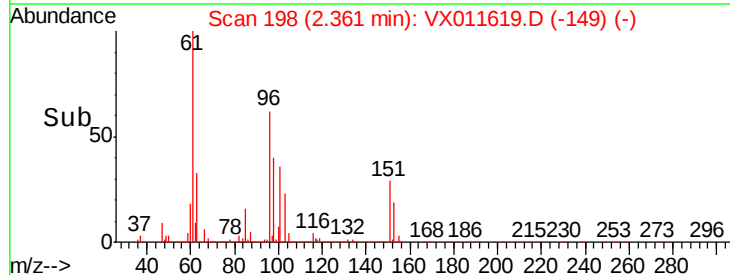
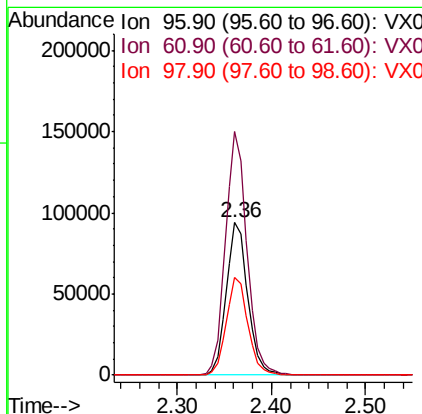
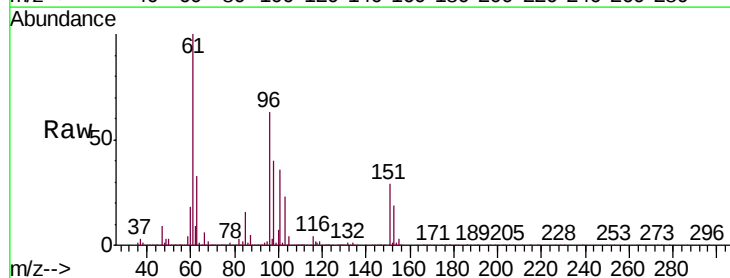
MMDadoda
8/20/2019 3:41:11 PM

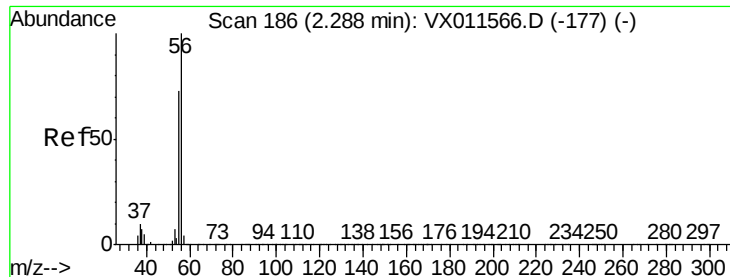


#12

1,1-Dichloroethene
Concen: 44.528 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	125.0	187.4
98	63.7	51.5	77.3





#13

Acrolein

Concen: 186.336 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 49994

Ion Ratio Lower Upper

56 100

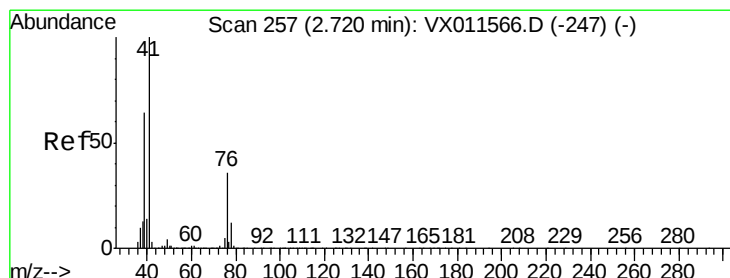
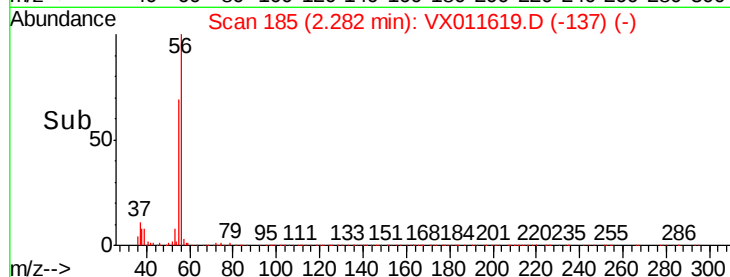
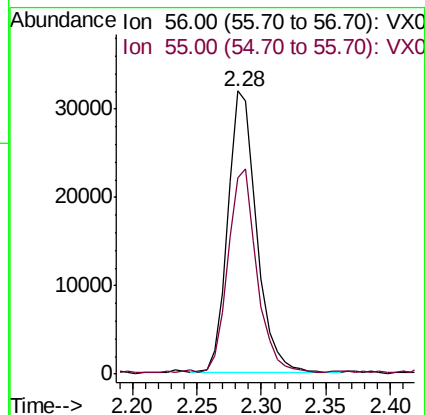
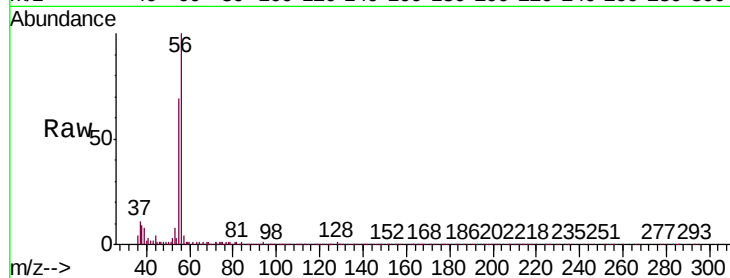
55 72.9 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 49.416 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

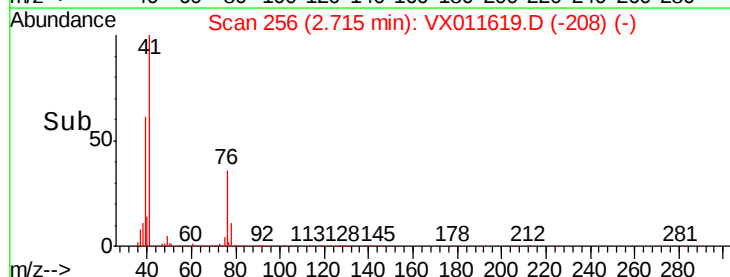
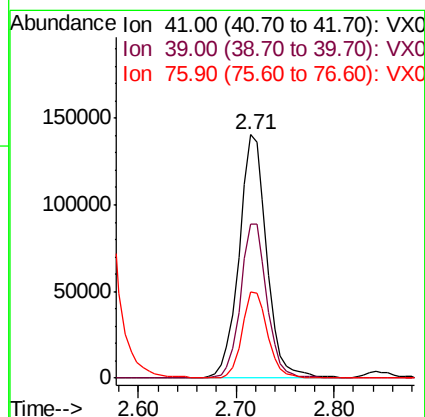
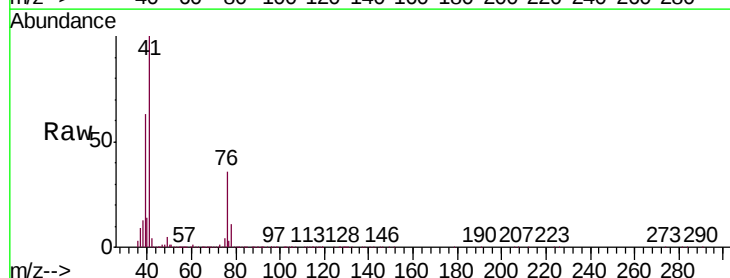
Tgt Ion: 41 Resp: 273422

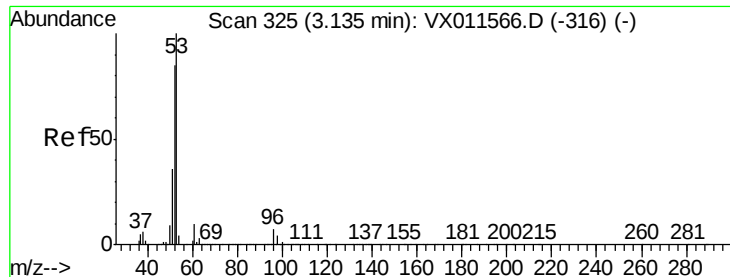
Ion Ratio Lower Upper

41 100

39 60.5 47.5 71.3

76 32.4 26.3 39.5





#15

Acrylonitrile

Concen: 233.376 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

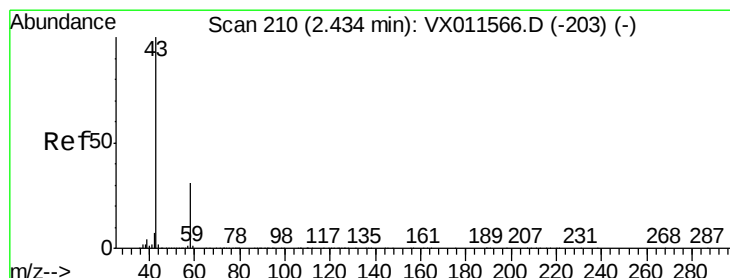
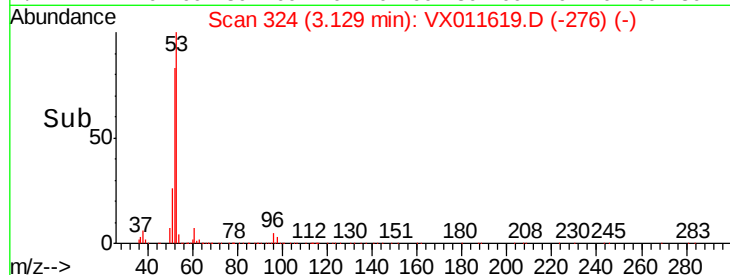
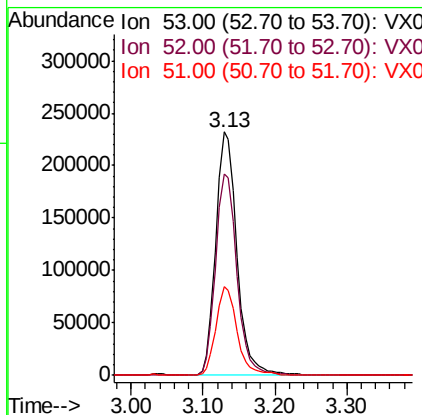
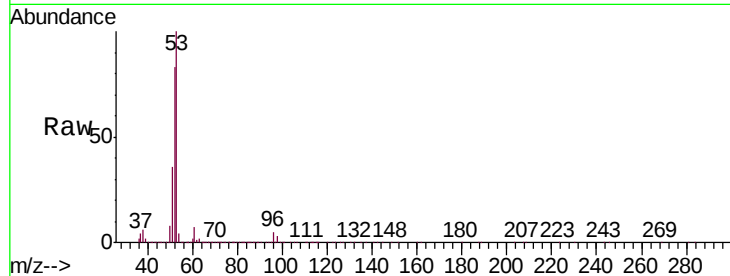
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	474037
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 253.747 ug/l

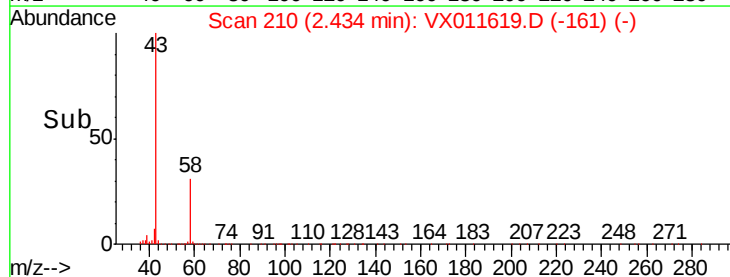
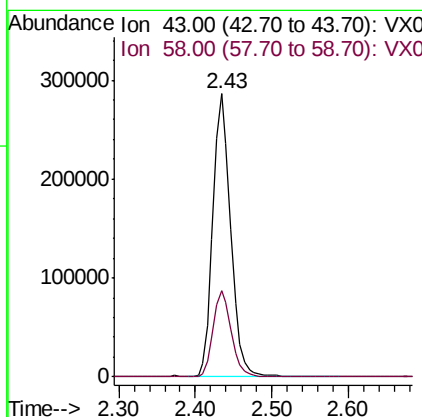
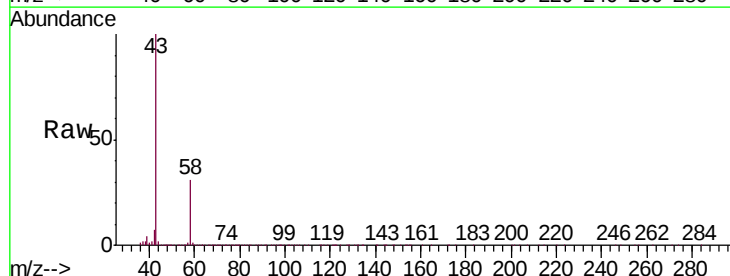
RT: 2.43 min Scan# 210

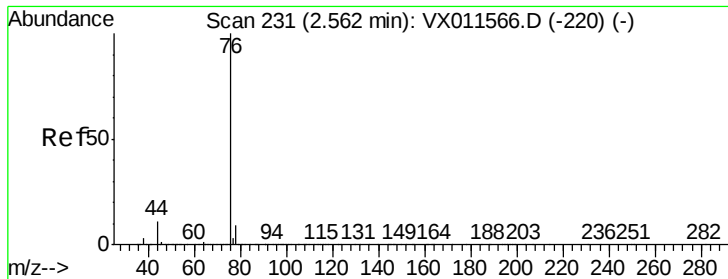
Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion:	43	Resp:	461563
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.2	37.8





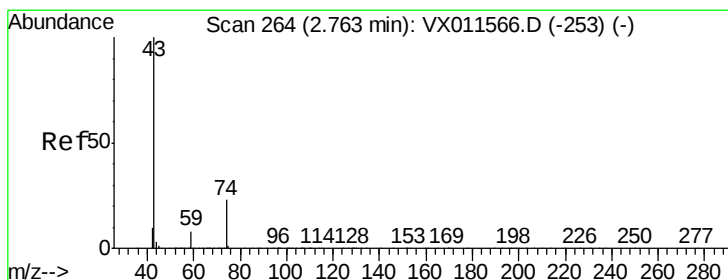
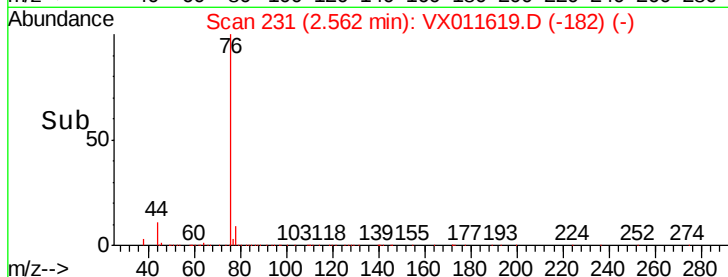
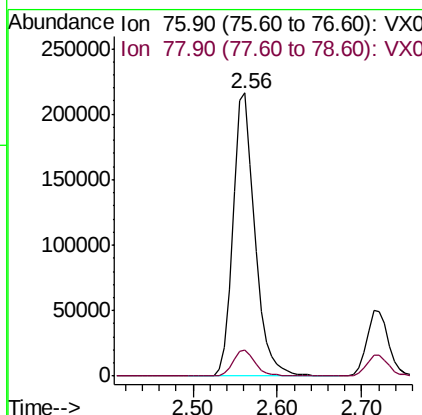
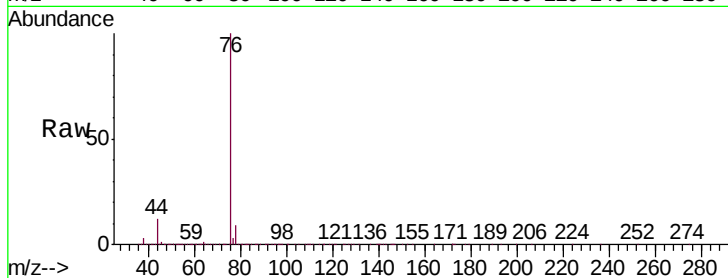
#17
Carbon Disulfide
Concen: 48.290 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

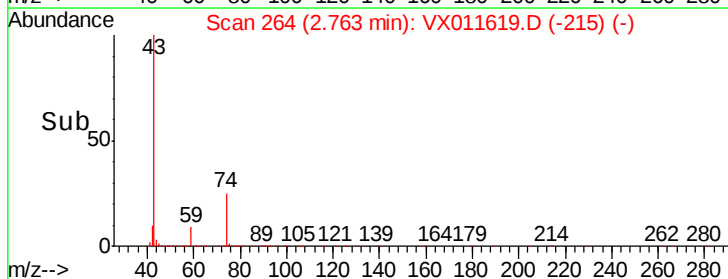
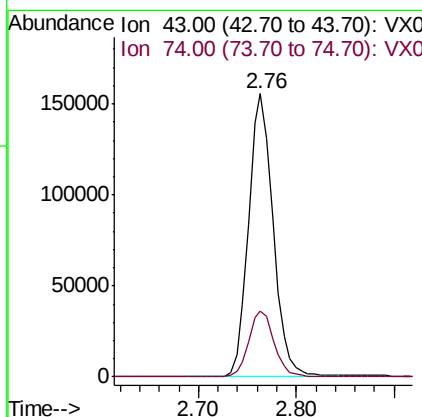
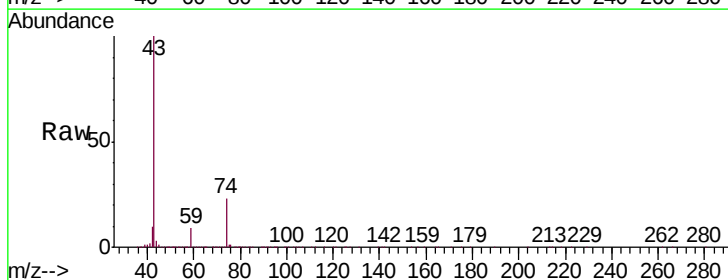
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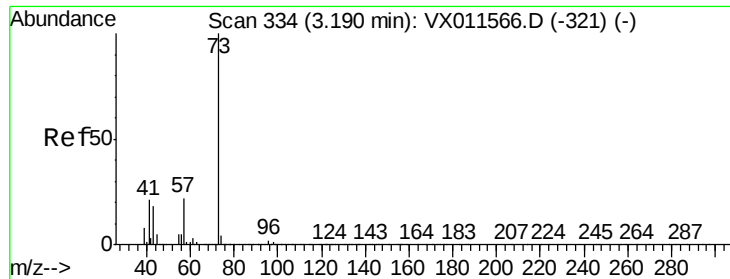
MMDadoda
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#18
Methyl Acetate
Concen: 48.194 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.7	29.5





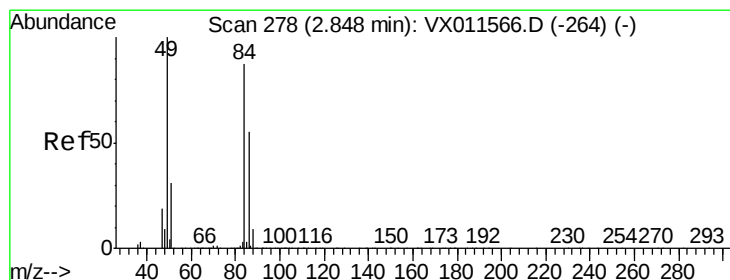
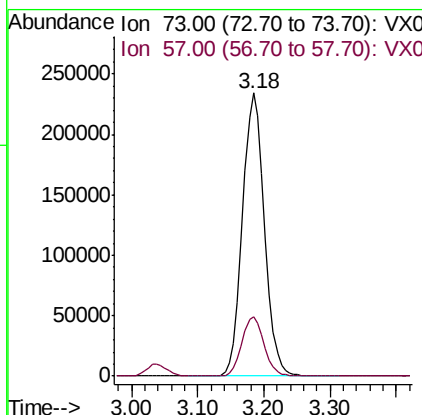
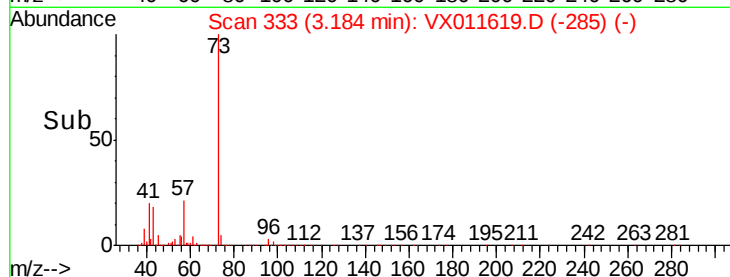
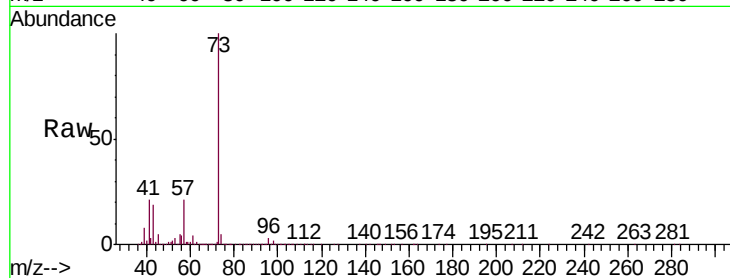
#19
Methyl tert-butyl Ether
Concen: 49.791 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.2	25.8

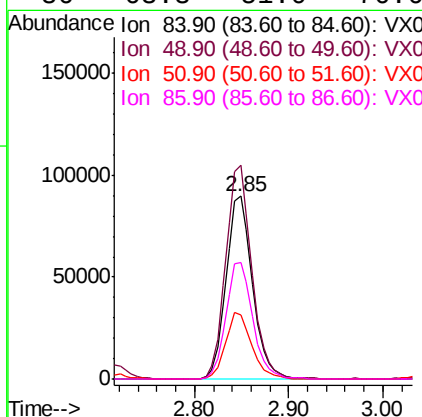
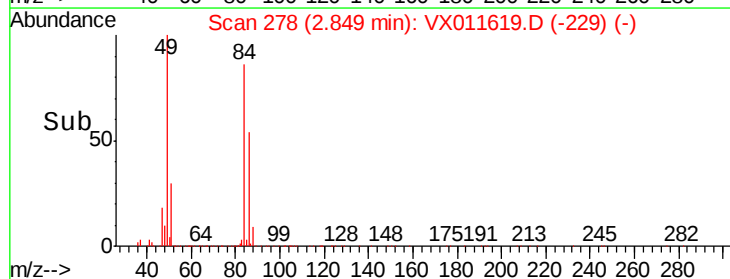
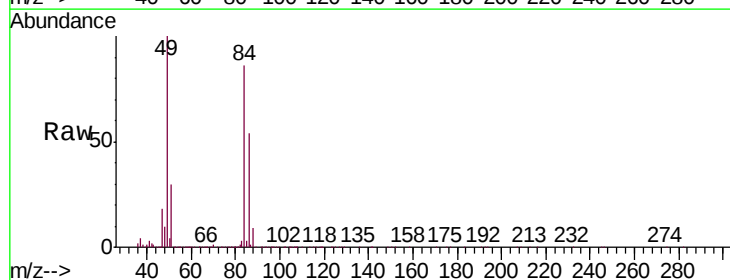
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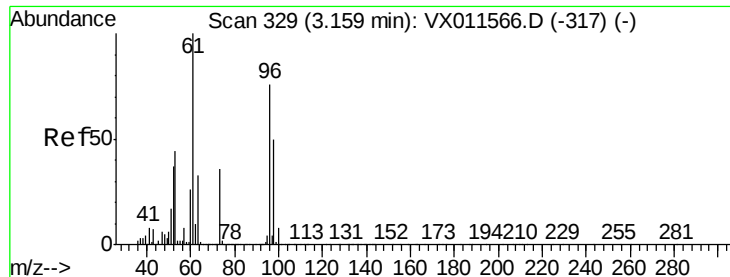
MMDadoda
8/20/2019 3:41:11 PM



#20
Methylene Chloride
Concen: 45.845 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.5	92.4	138.6
51	34.9	28.5	42.7
86	63.3	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 47.703 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

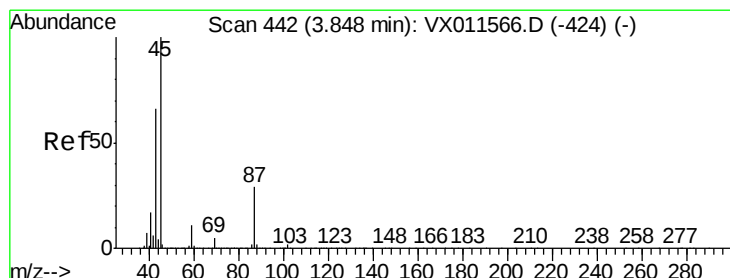
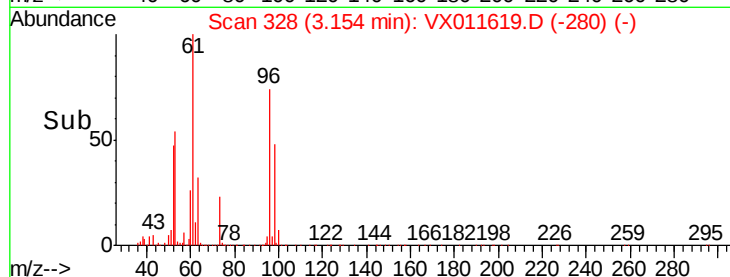
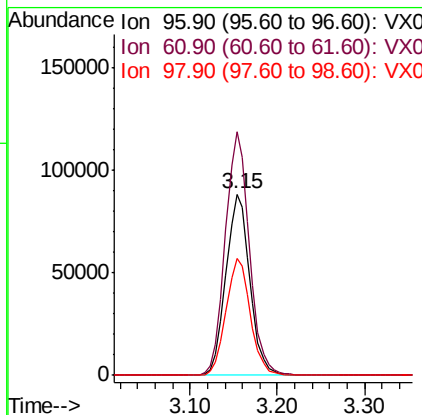
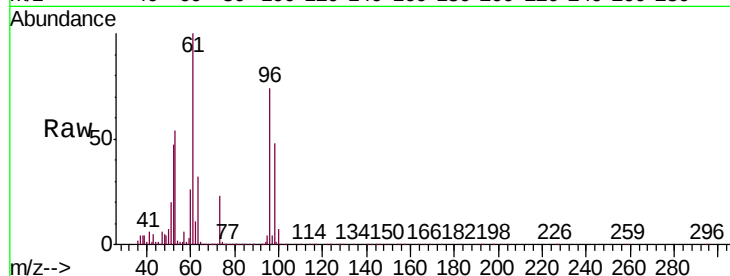
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	168139
Ion	Ratio	Lower	Upper
96	100		
61	134.3	105.5	158.3
98	64.2	52.6	78.8

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#22

Diisopropyl ether

Concen: 48.487 ug/l

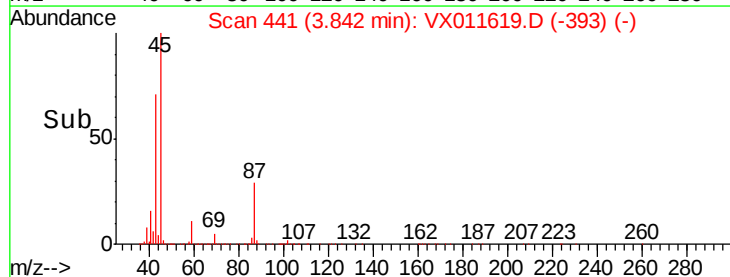
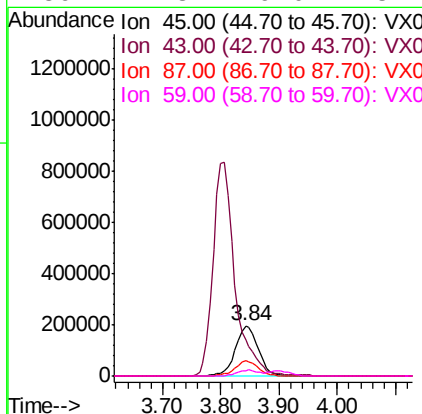
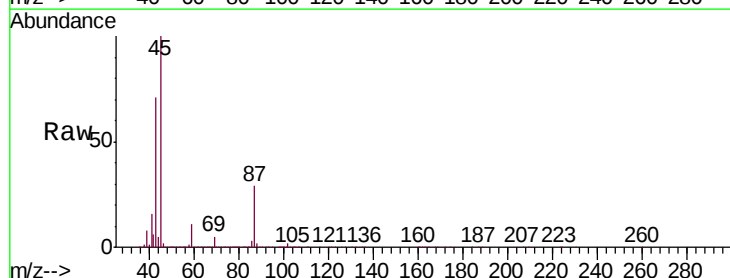
RT: 3.84 min Scan# 441

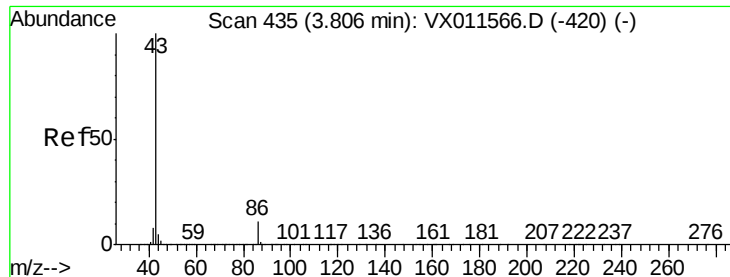
Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion:	45	Resp:	534276
Ion	Ratio	Lower	Upper
45	100		
43	70.8	52.7	79.1
87	29.3	23.5	35.3
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 250.113 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2182394

Ion Ratio Lower Upper

43 100

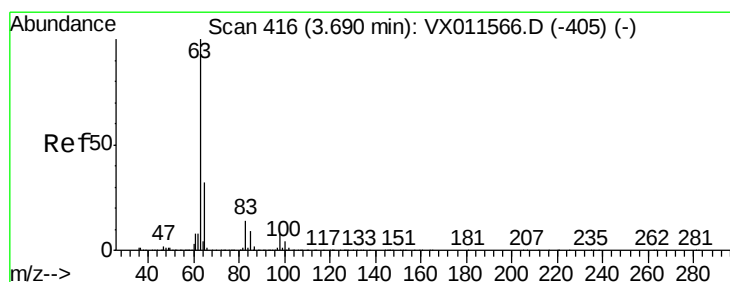
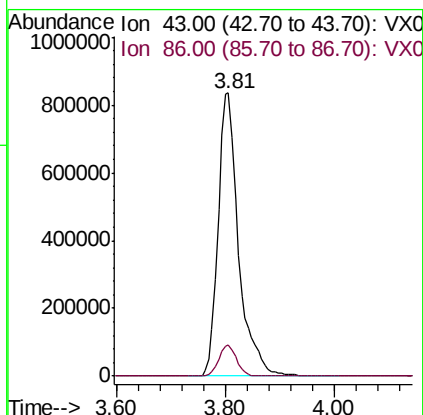
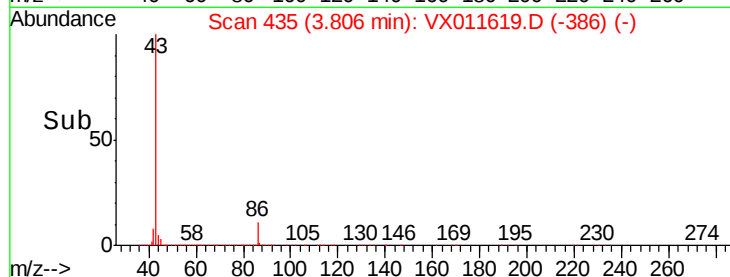
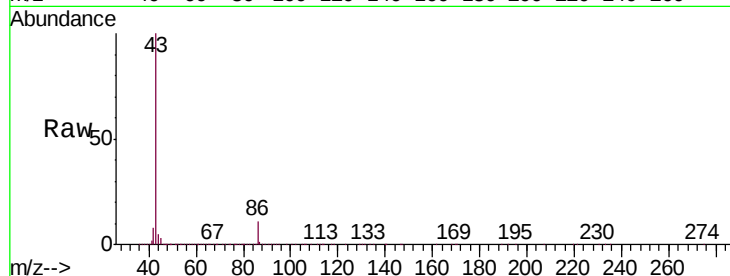
86 10.9 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.495 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

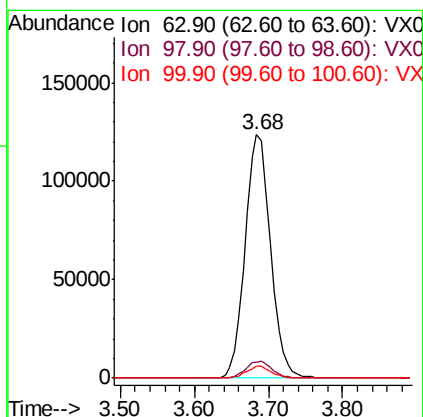
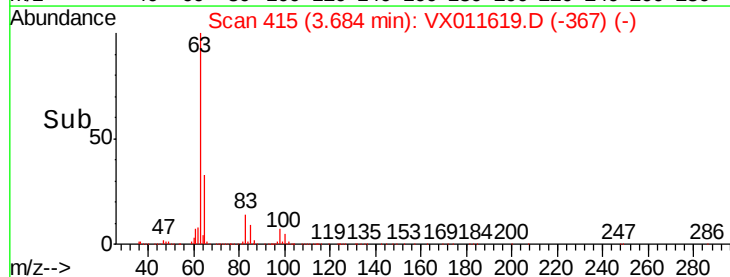
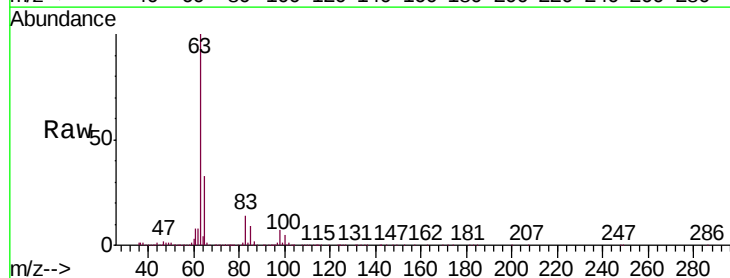
Tgt Ion: 63 Resp: 295891

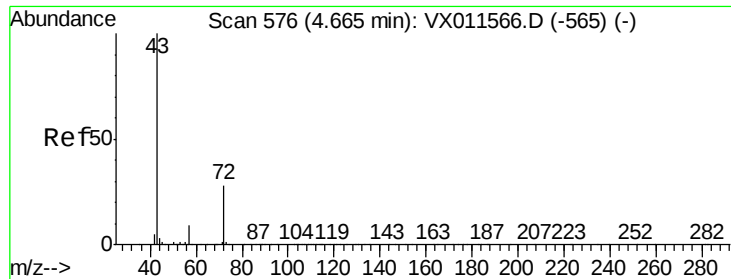
Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 236.433 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 675174

Ion Ratio Lower Upper

43 100

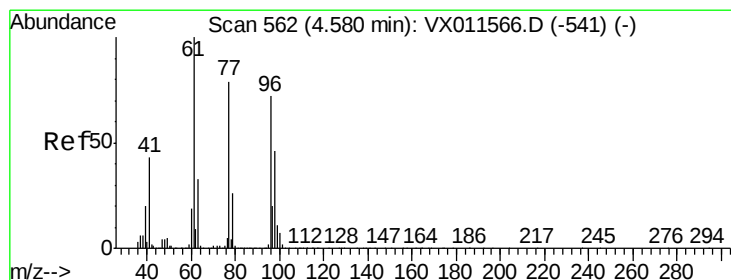
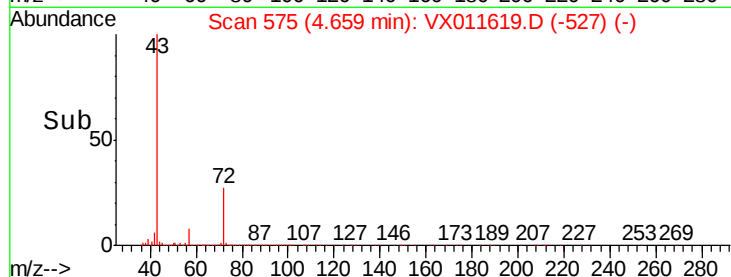
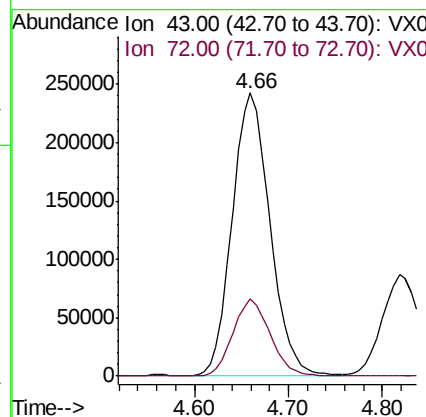
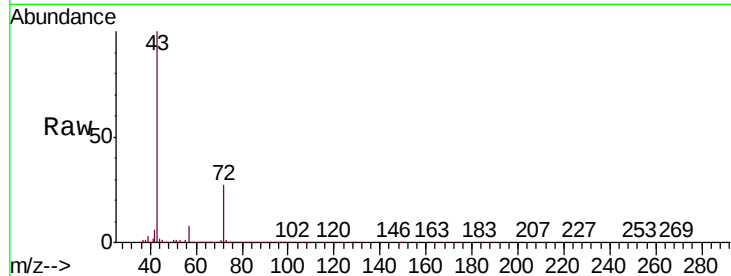
72 27.0 22.2 33.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.383 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011619.D

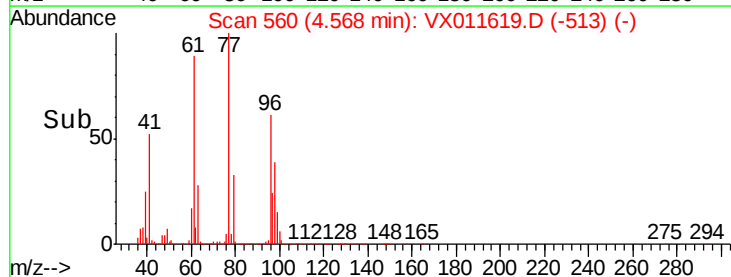
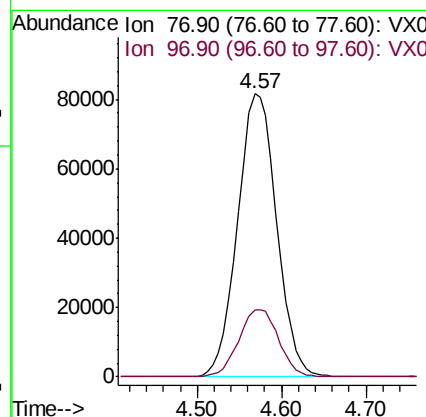
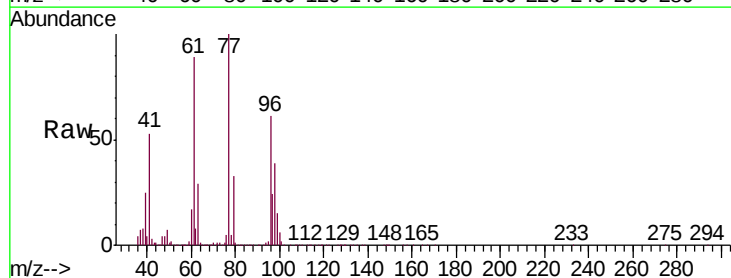
Acq: 19 Aug 2019 09:47

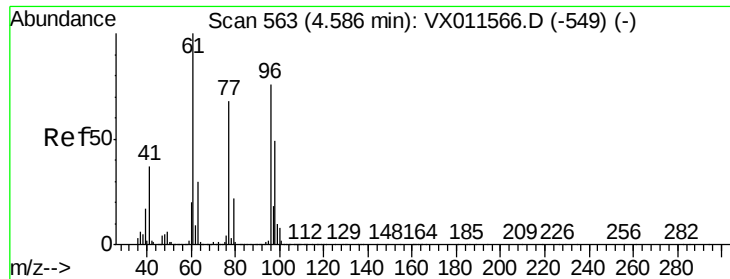
Tgt Ion: 77 Resp: 255000

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.2





#27

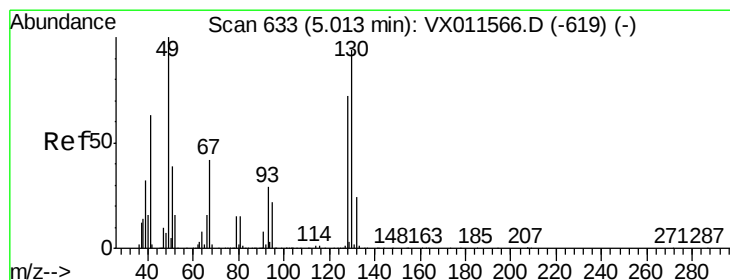
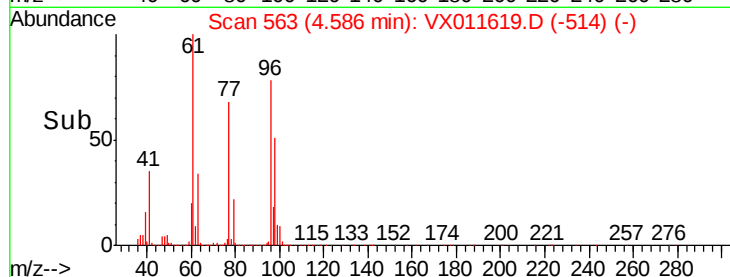
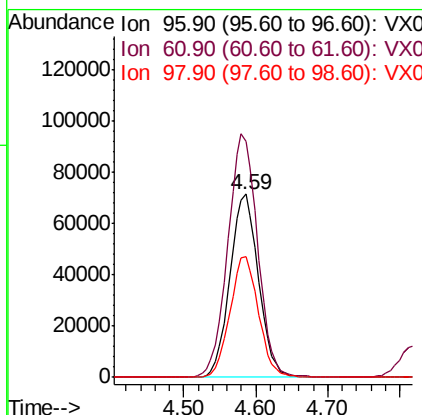
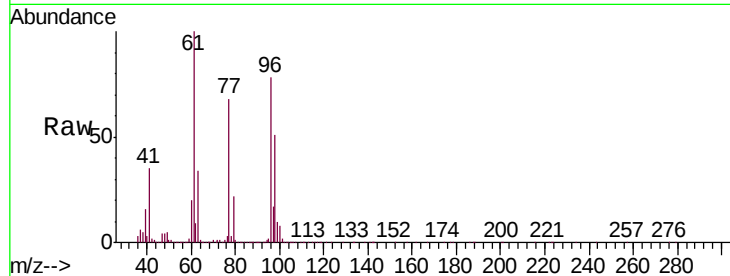
cis-1,2-Dichloroethene
 Concen: 47.887 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	196766		
61	138.4	0.0	272.6	
98	65.9	0.0	129.4	

Manual Integrations
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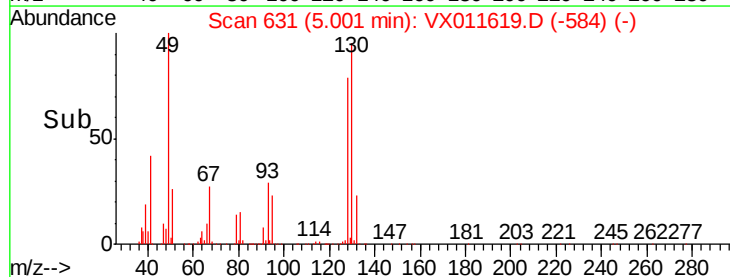
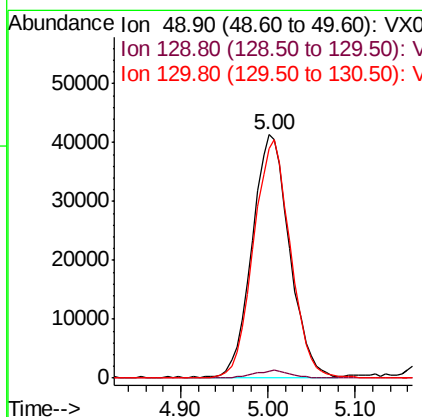
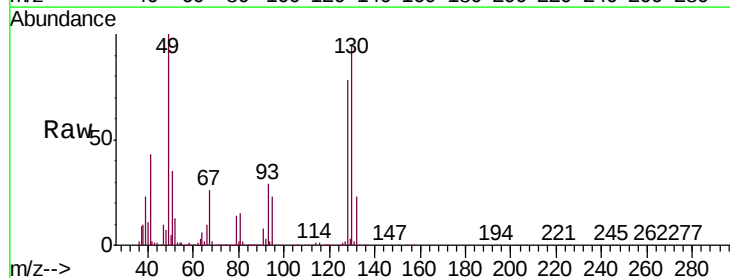
MMDadoda
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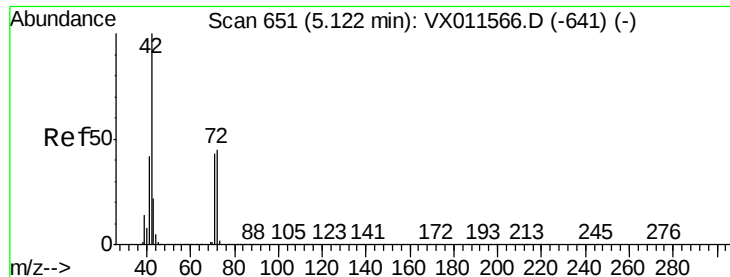


#28

Bromochloromethane
 Concen: 44.944 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	122915		
129	3.1	0.0	5.0	
130	97.1	76.6	115.0	





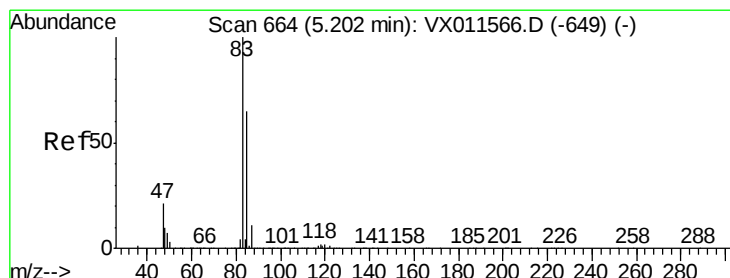
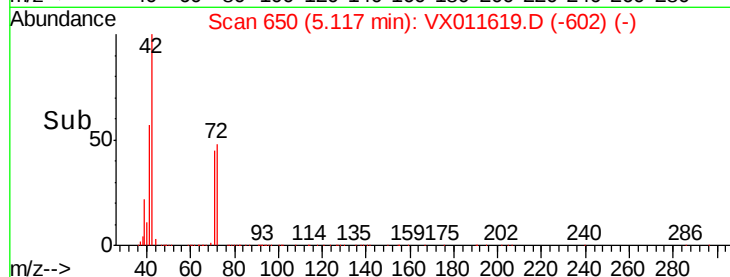
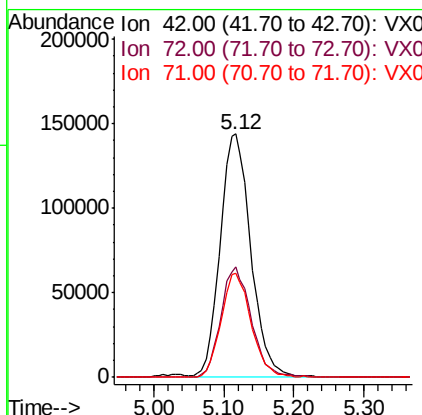
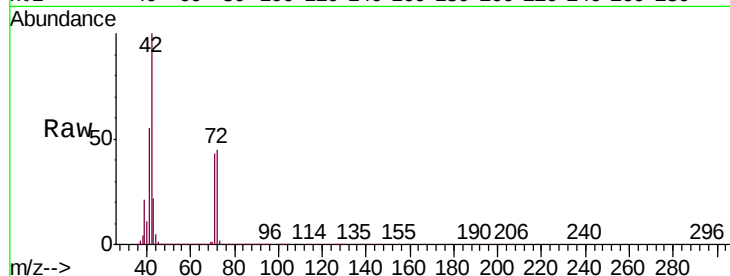
#29
Tetrahydrofuran
Concen: 231.553 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.1	54.1
71	42.0	33.8	50.8

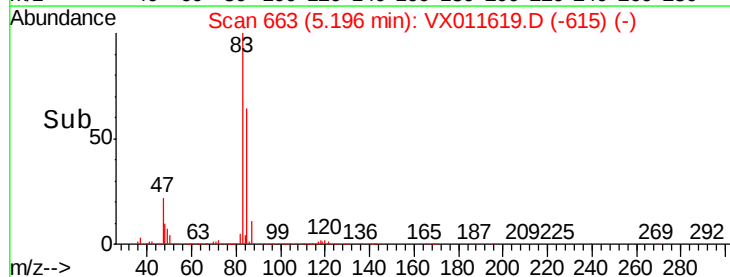
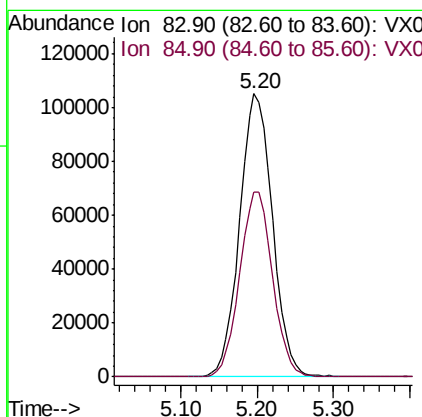
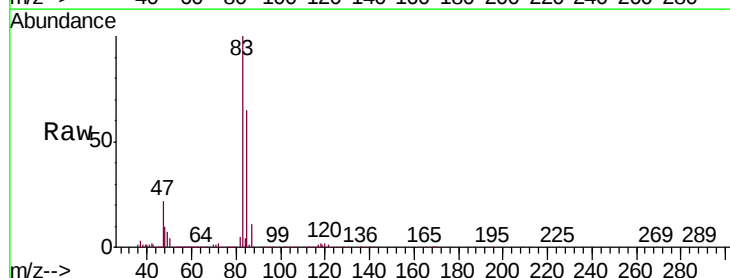
Manual Integrations
APPROVED

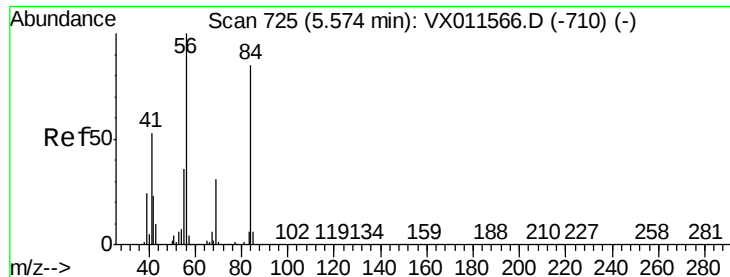
MMDadoda
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#30
Chloroform
Concen: 47.651 ug/l
RT: 5.20 min Scan# 663
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





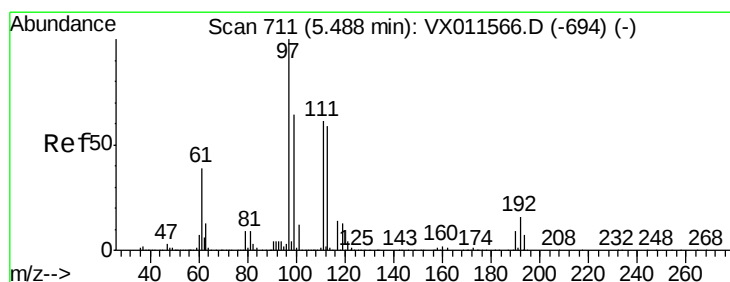
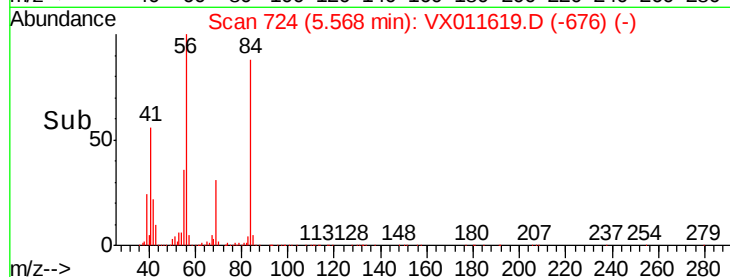
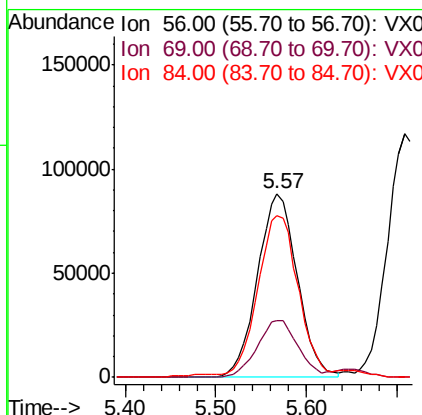
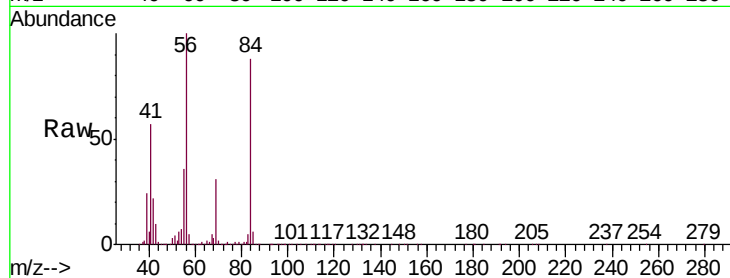
#31
Cyclohexane
Concen: 49.645 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.8	37.2
84	86.9	67.9	101.9

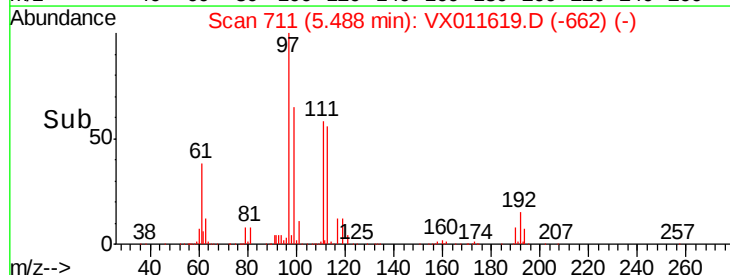
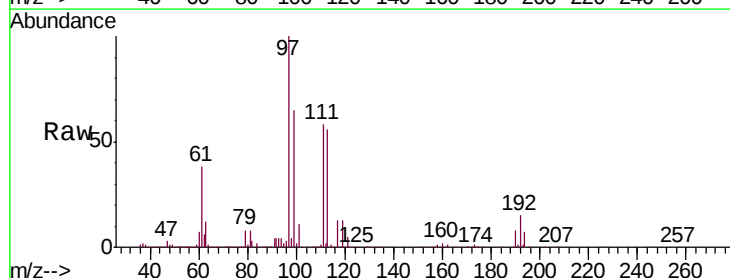
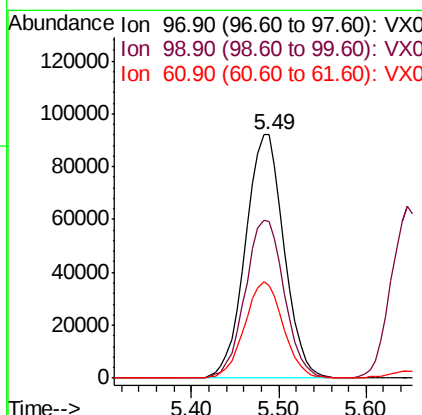
Manual Integrations
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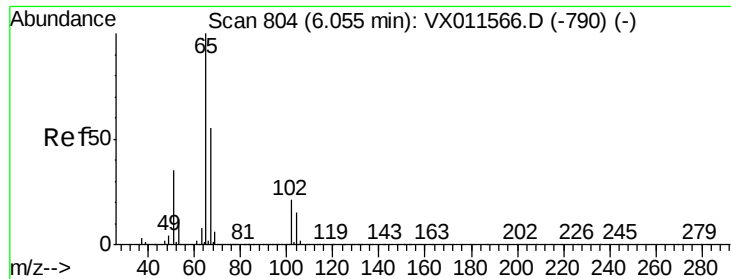
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#32
1,1,1-Trichloroethane
Concen: 50.054 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.4	77.0
61	39.3	31.4	47.2





#33

1,2-Dichloroethane-d4

Concen: 43.599 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion: 65 Resp: 157721

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.6

Instrument :

MSVOA_X

ClientSampleId :

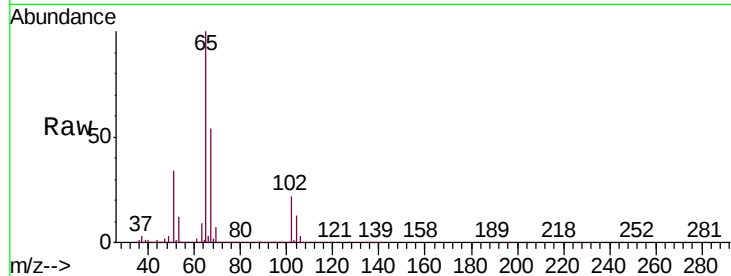
VSTDCCC050

Manual Integrations

APPROVED

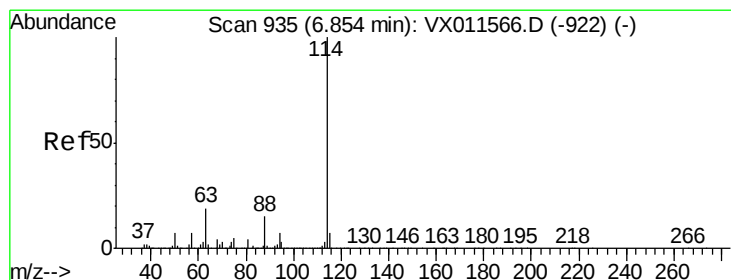
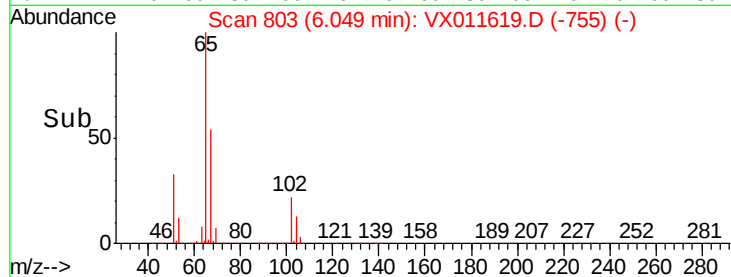
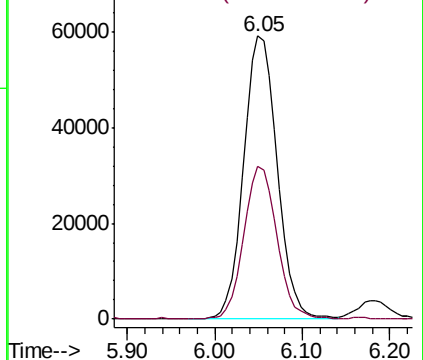
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

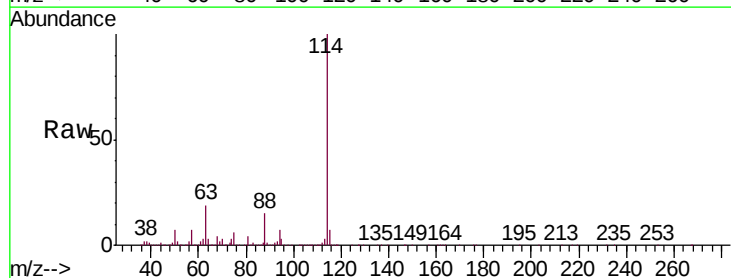
Tgt Ion: 114 Resp: 516706

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

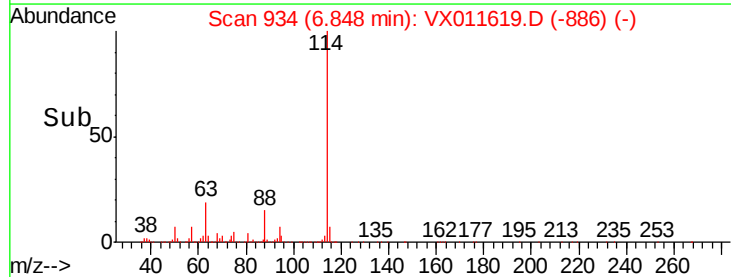
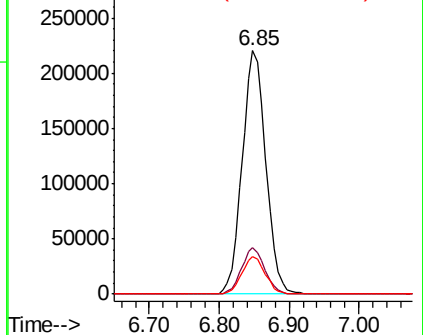
88 15.5 0.0 30.2

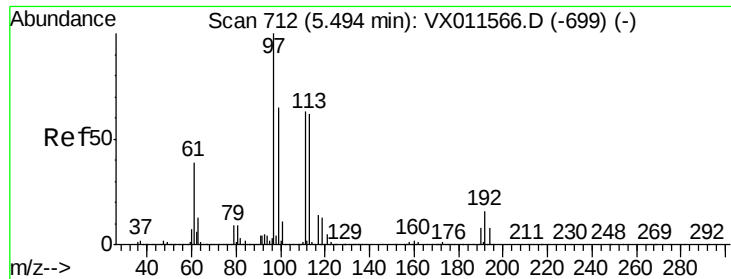


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





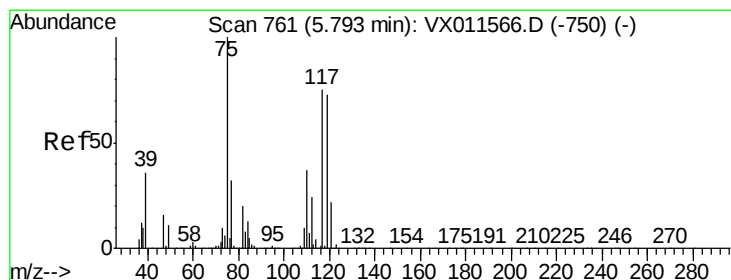
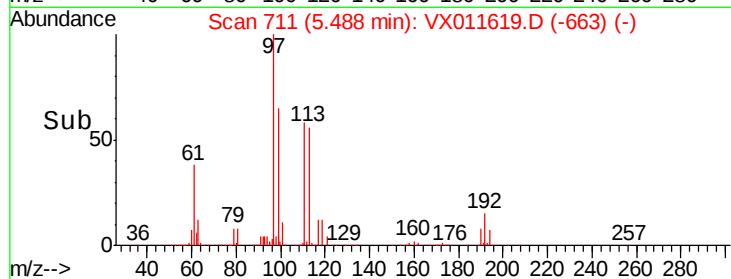
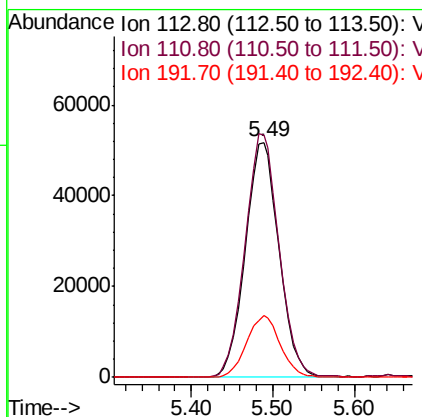
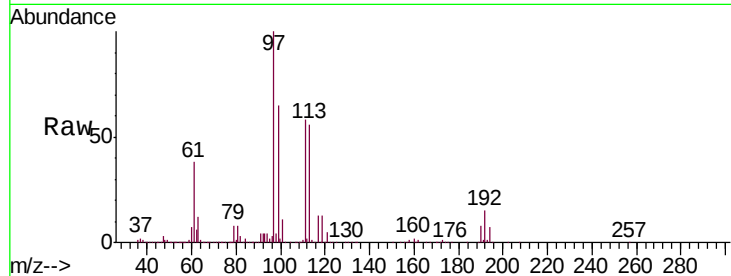
#35
 Dibromofluoromethane
 Concen: 44.133 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	149152		
111	104.4	81.1	121.7	
192	26.4	20.8	31.2	

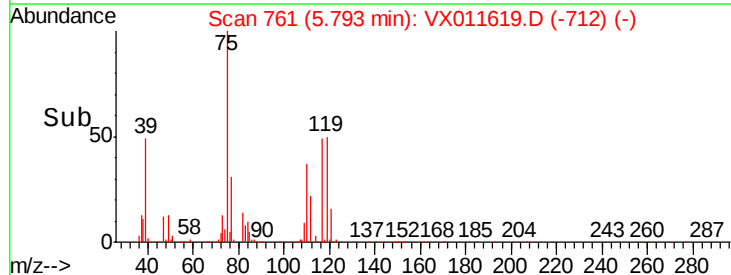
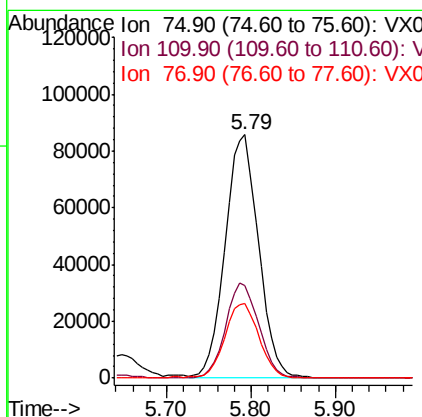
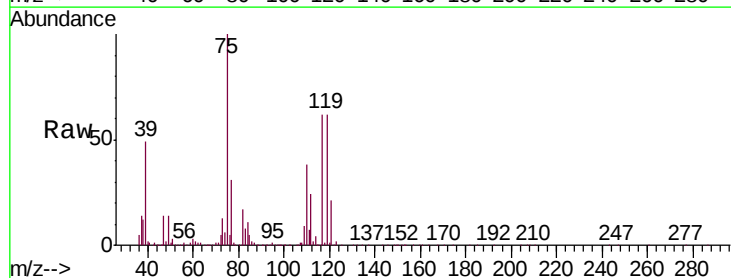
Manual Integrations
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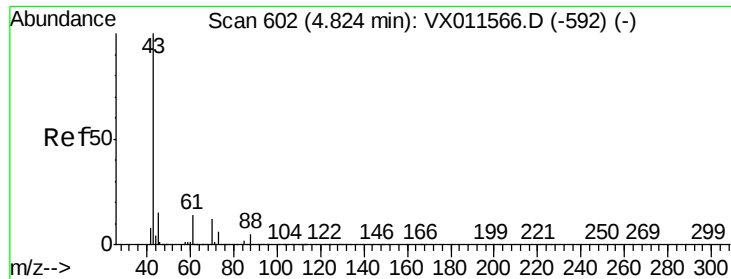
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 8/20/2019 3:41:11 PM



#36
 1,1-Dichloropropene
 Concen: 52.067 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230022		
110	38.6	19.4	58.1	
77	31.2	25.1	37.7	





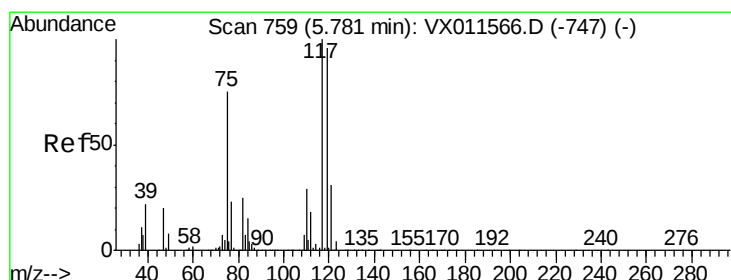
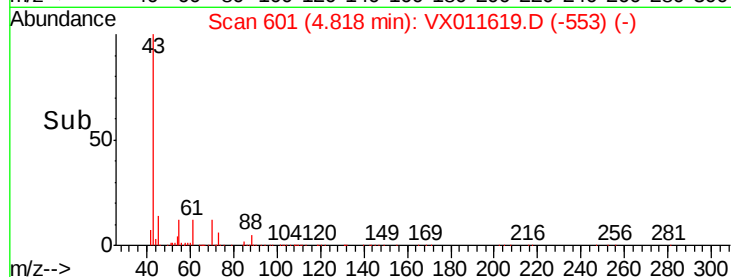
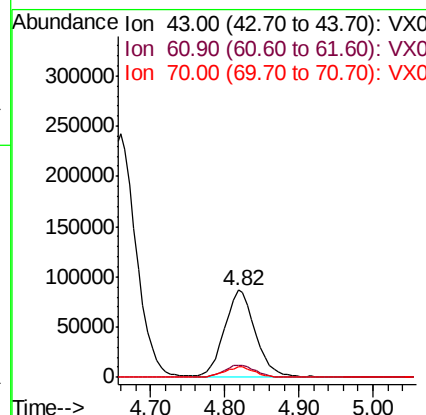
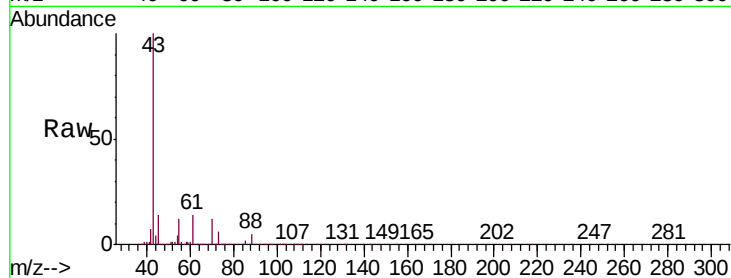
#37
Ethyl Acetate
Concen: 48.952 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.4	17.0
70	11.4	9.0	13.6

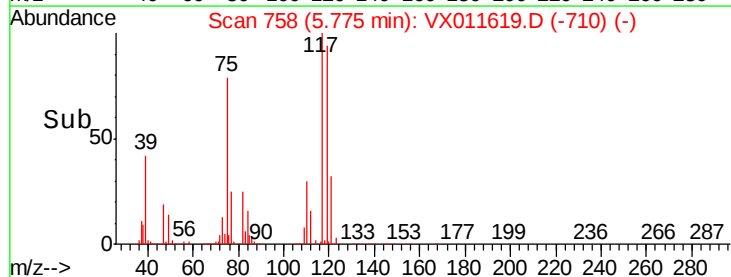
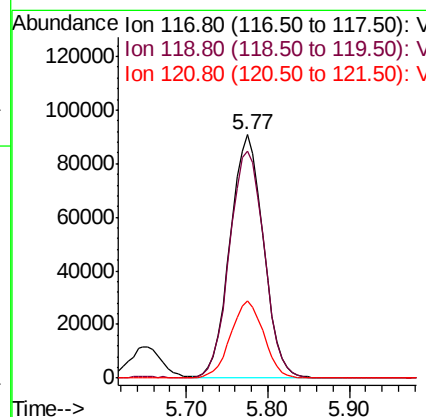
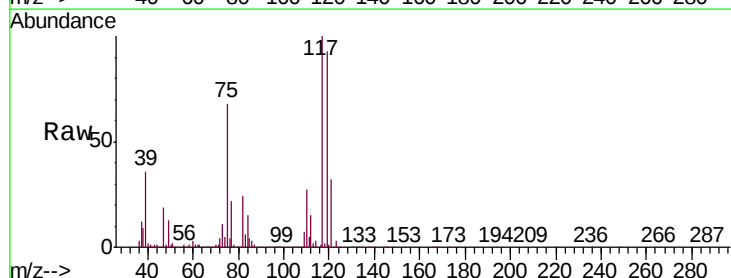
Manual Integrations
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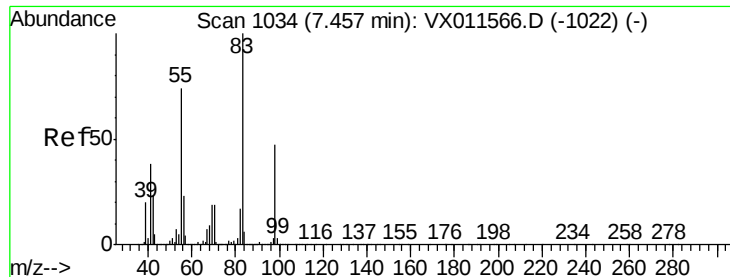
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#38
Carbon Tetrachloride
Concen: 52.723 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.9	115.3
121	31.5	24.8	37.2





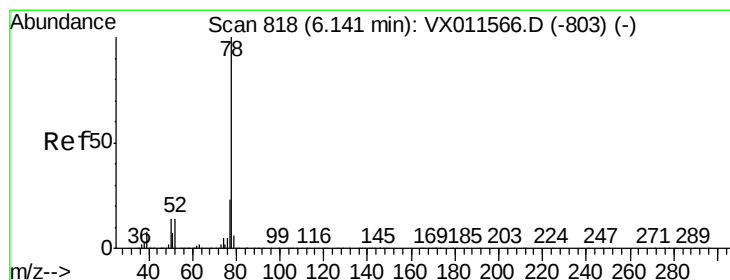
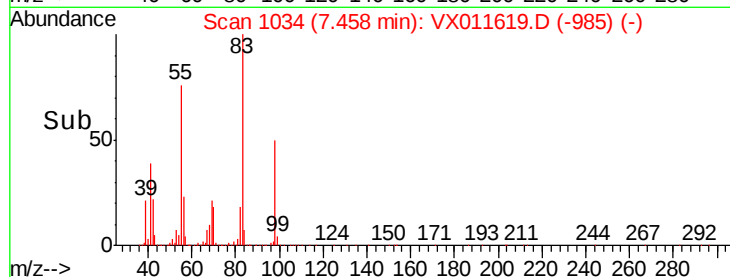
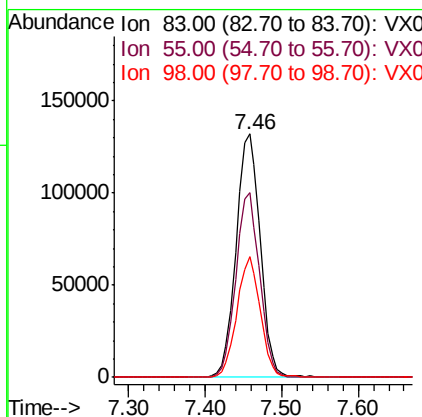
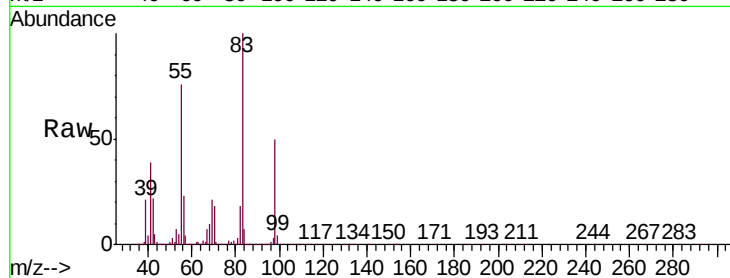
#39
Methylcyclohexane
Concen: 53.003 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	289165		
55	75.9	58.8	88.2	
98	49.6	37.8	56.6	

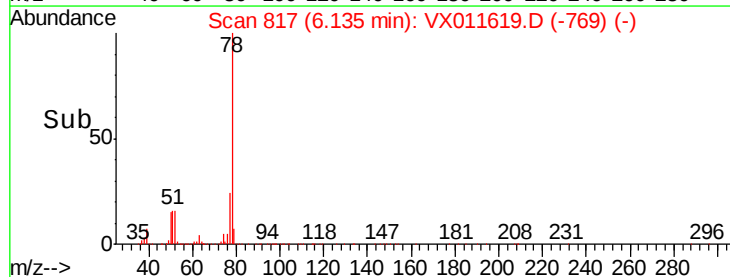
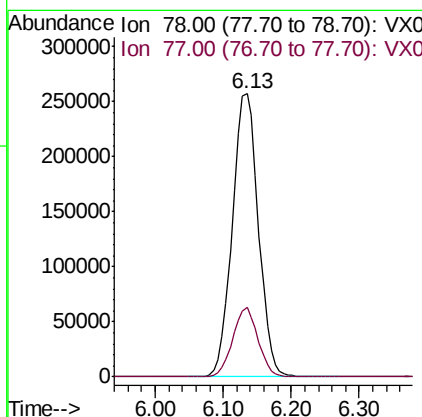
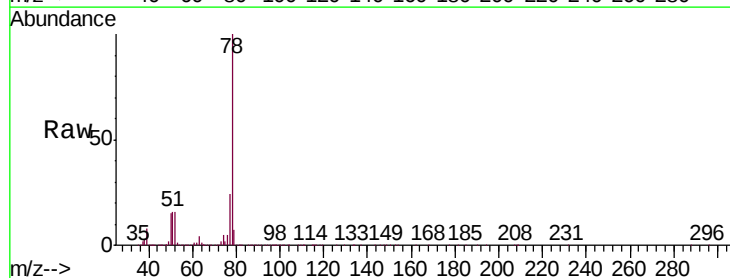
Manual Integrations
APPROVED

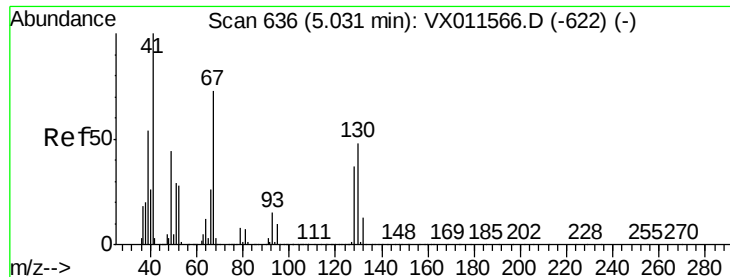
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#40
Benzene
Concen: 49.795 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	683613		
77	24.4	18.6	28.0	





#41

Methacrylonitrile

Concen: 50.173 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

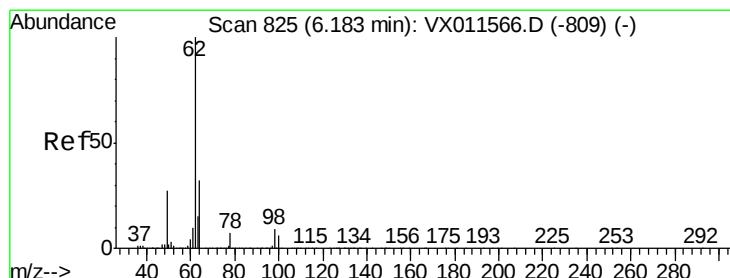
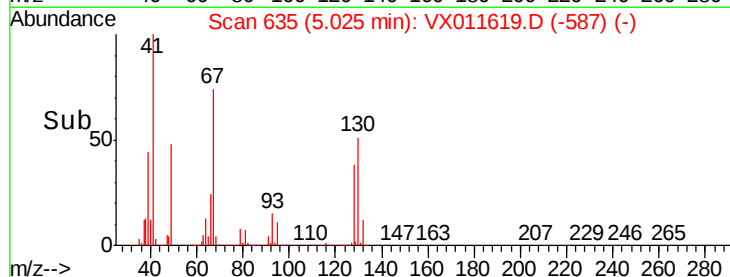
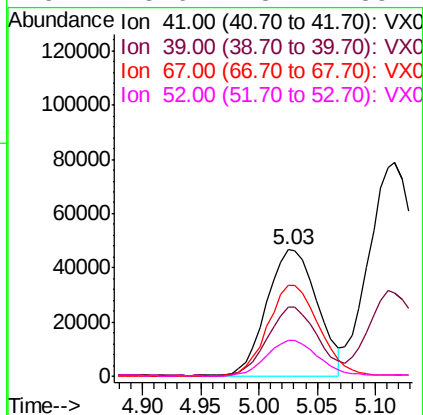
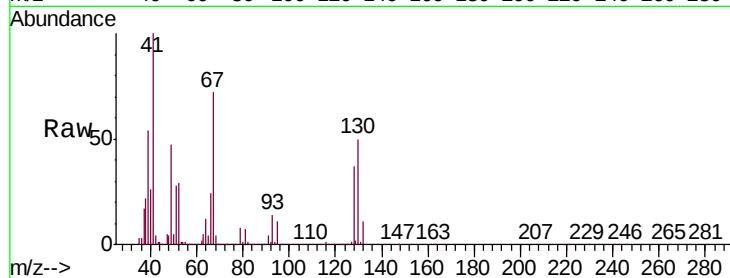
ClientSampleId :

VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	43.5	65.3	
67	73.7	59.4	89.2	
52	28.6	23.4	35.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.967 ug/l

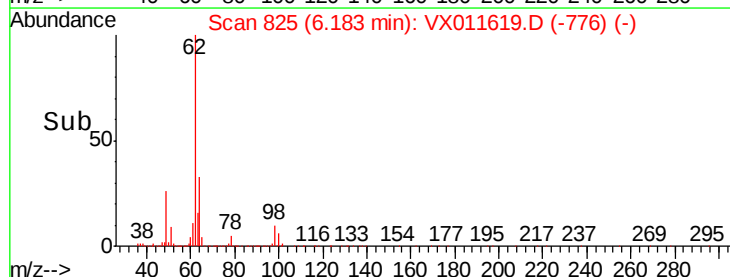
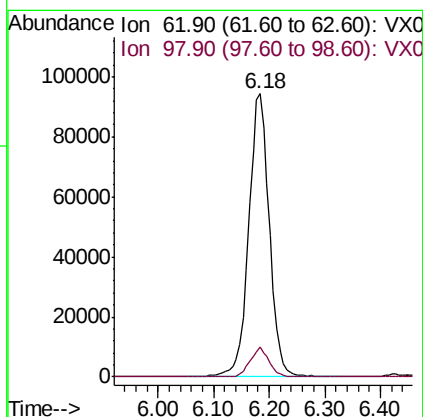
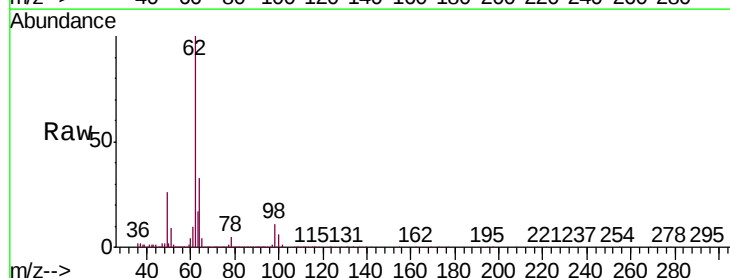
RT: 6.18 min Scan# 825

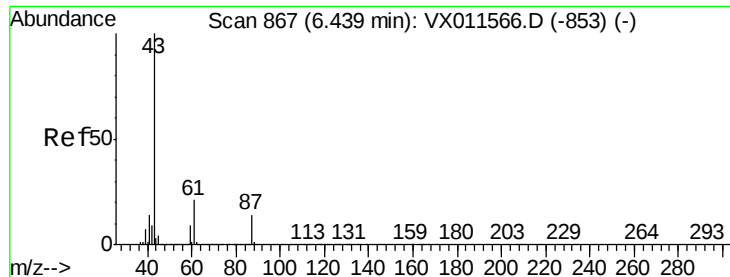
Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.4	





#43

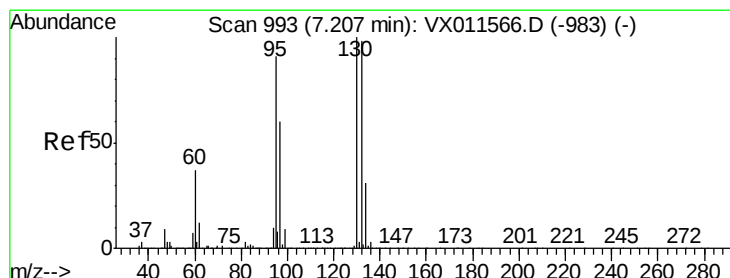
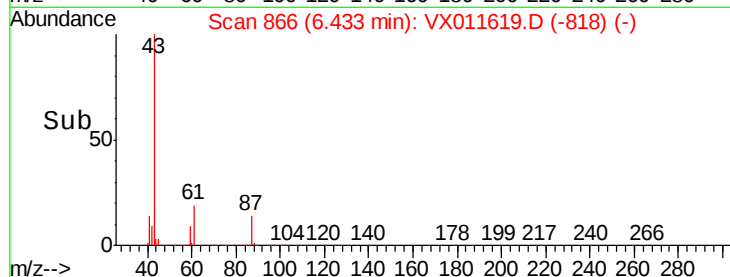
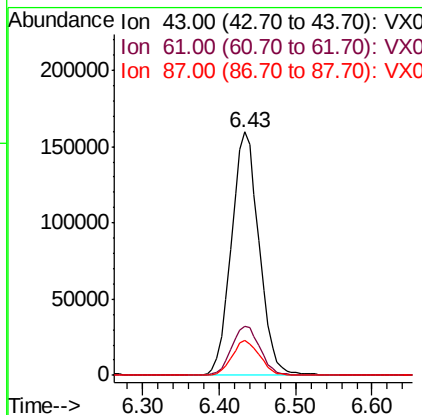
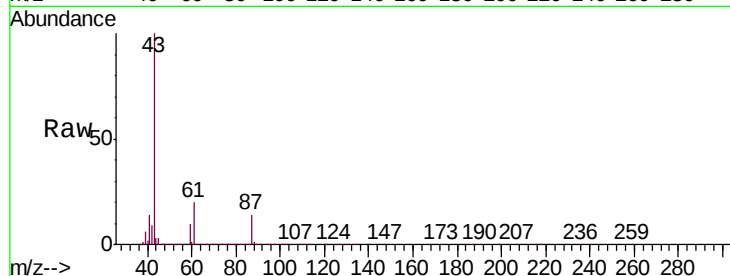
Isopropyl Acetate
 Concen: 50.215 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	14.4	11.4	17.2

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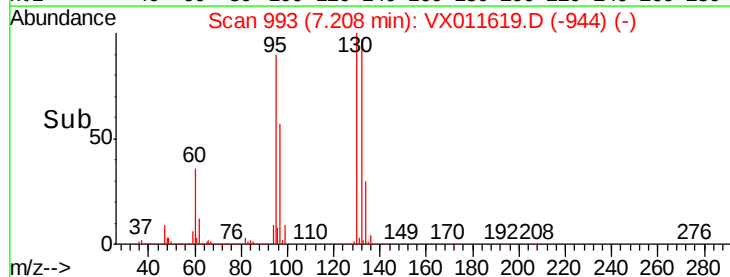
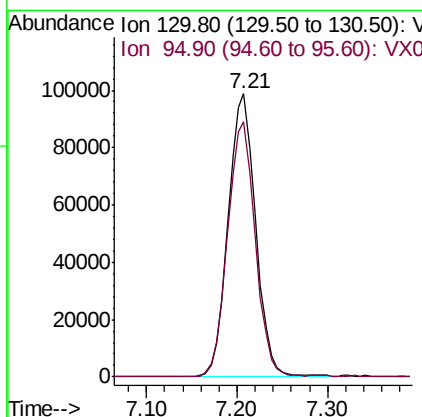
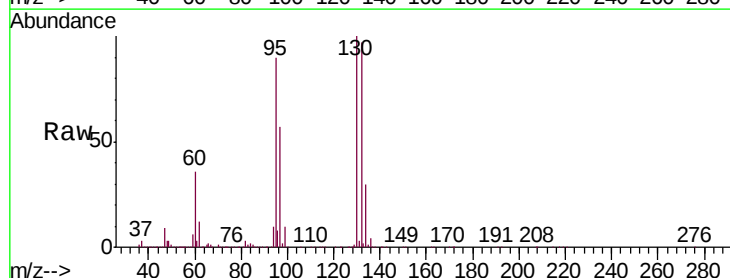
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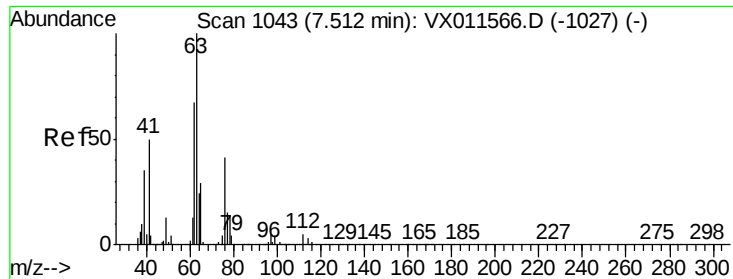


#44

Trichloroethene
 Concen: 51.008 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	181.4





#45

1,2-Dichloropropane

Concen: 50.846 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 174085

Ion Ratio Lower Upper

63 100

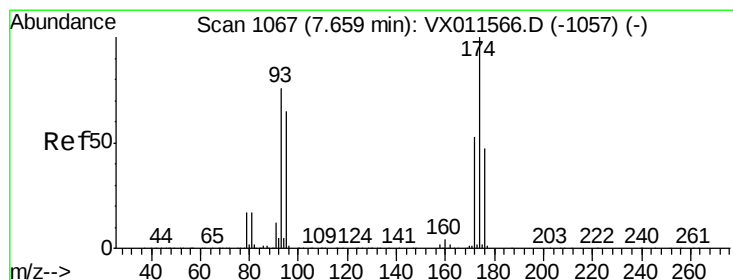
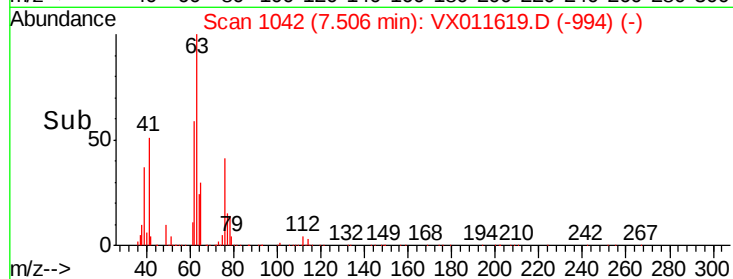
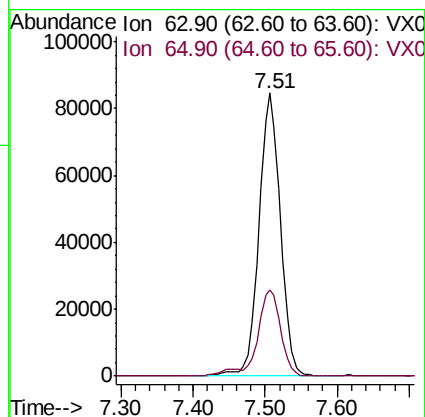
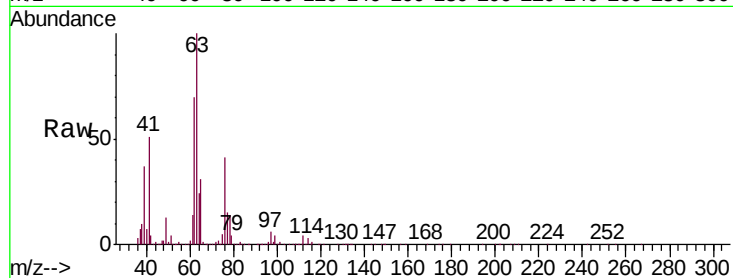
65 30.6 23.4 35.2

Manual Integrations

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#46

Dibromomethane

Concen: 48.622 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

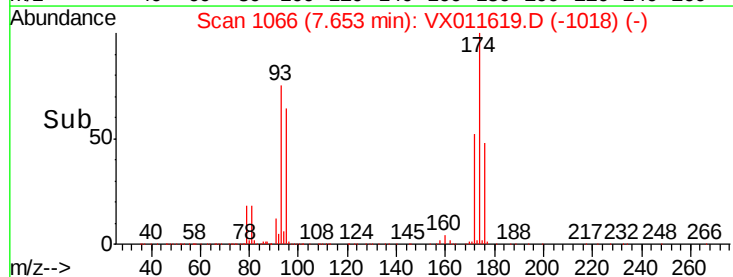
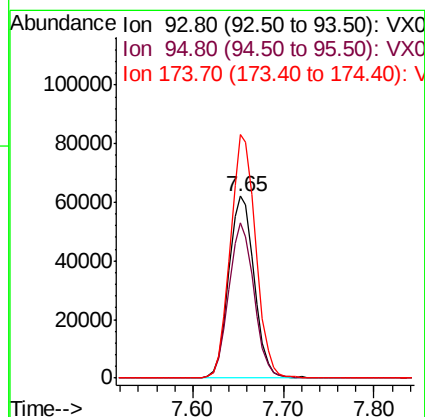
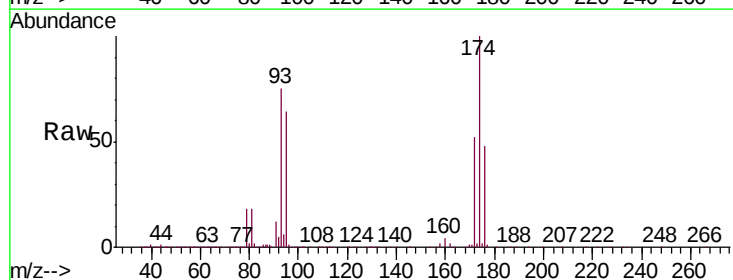
Tgt Ion: 93 Resp: 120974

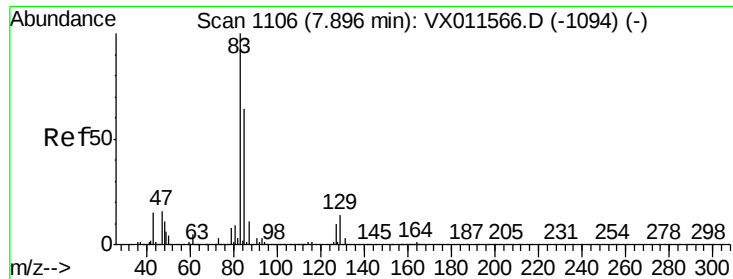
Ion Ratio Lower Upper

93 100

95 84.3 67.2 100.8

174 133.4 105.5 158.3





#47

Bromodichloromethane

Concen: 52.228 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

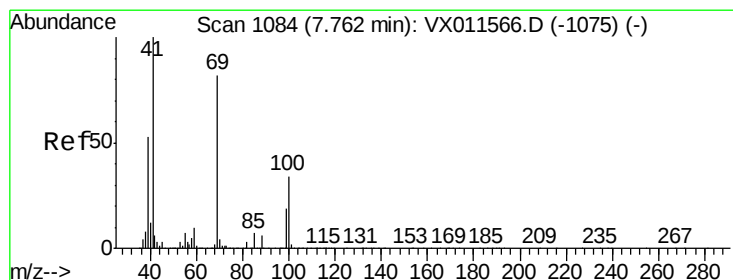
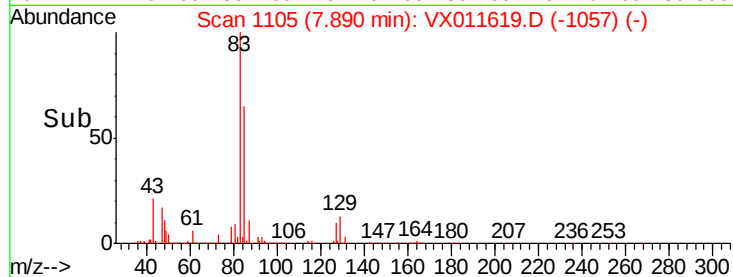
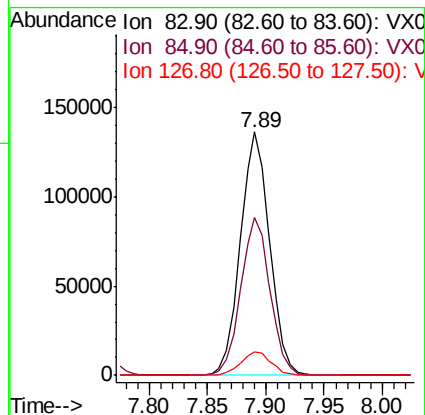
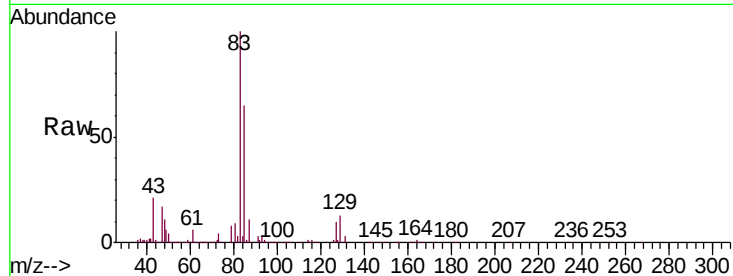
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	238593
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.2	76.8
127	9.8	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.682 ug/l

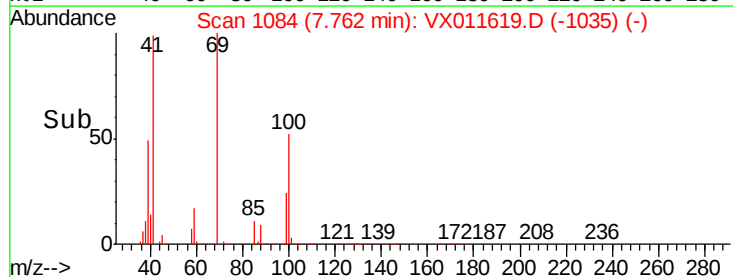
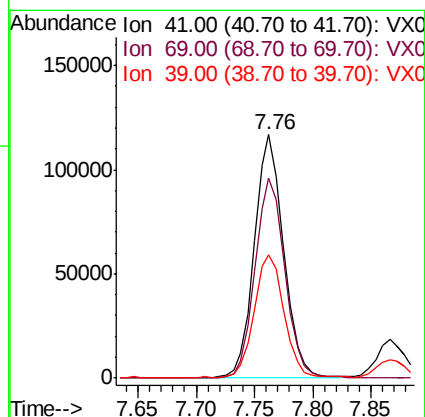
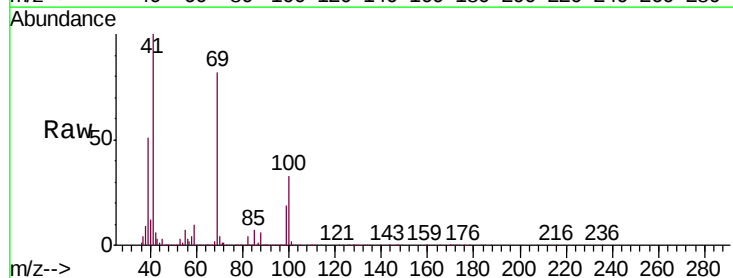
RT: 7.76 min Scan# 1084

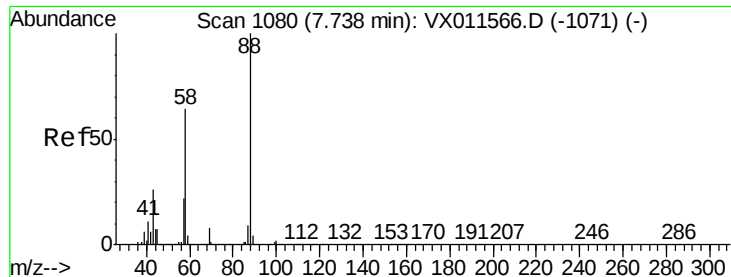
Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion:	41	Resp:	202954
Ion	Ratio	Lower	Upper
41	100		
69	84.5	67.9	101.9
39	51.7	41.6	62.4





#49

1,4-Dioxane

Concen: 948.248 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

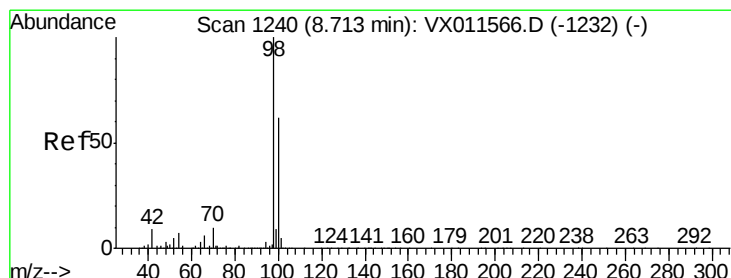
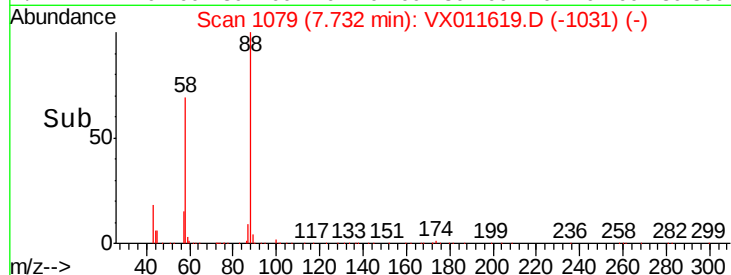
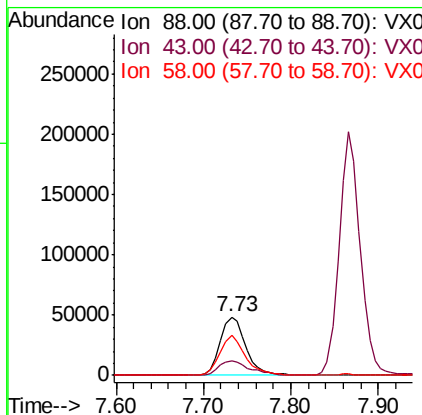
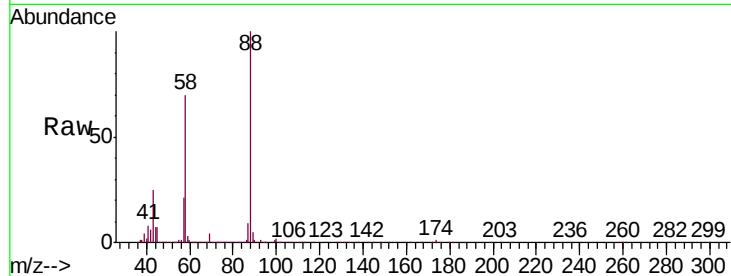
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	99044
Ion Ratio	Lower	Upper	
88	100		
43	28.4	23.4	35.0
58	67.6	54.3	81.5

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#50

Toluene-d8

Concen: 45.823 ug/l

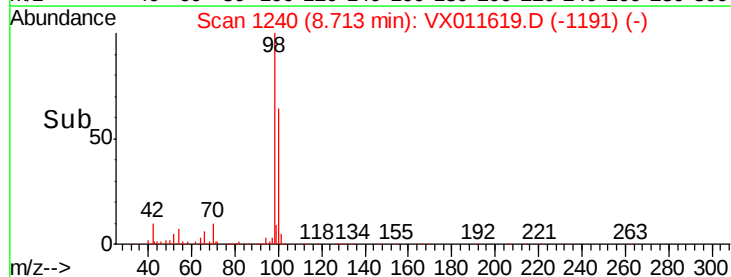
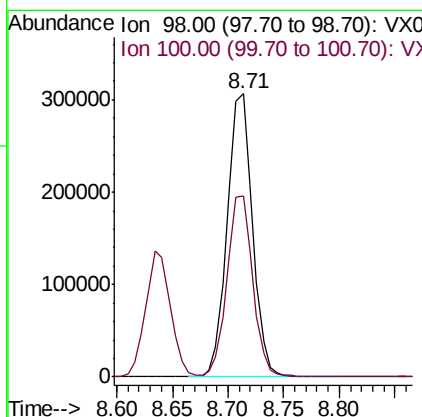
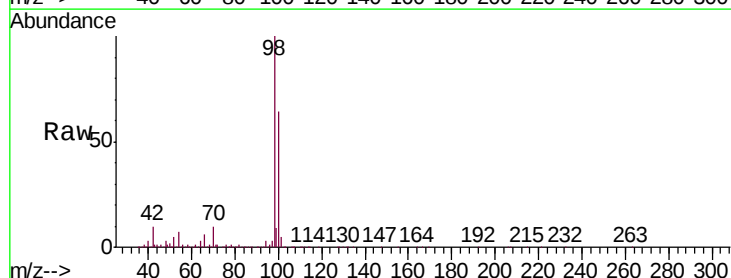
RT: 8.71 min Scan# 1240

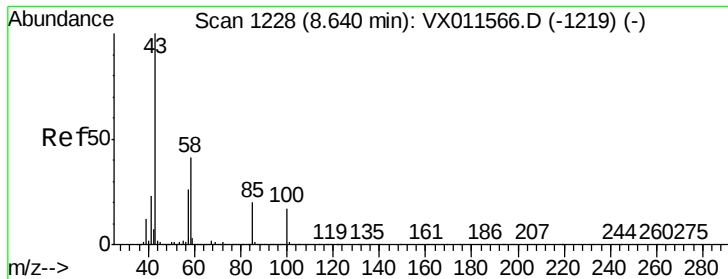
Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion:	98	Resp:	482531
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.4	78.6





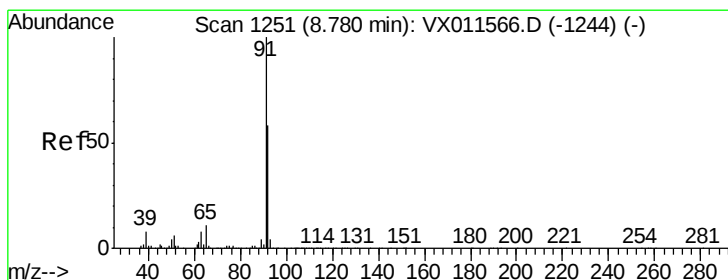
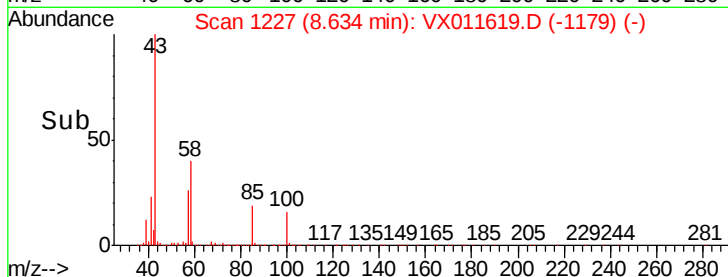
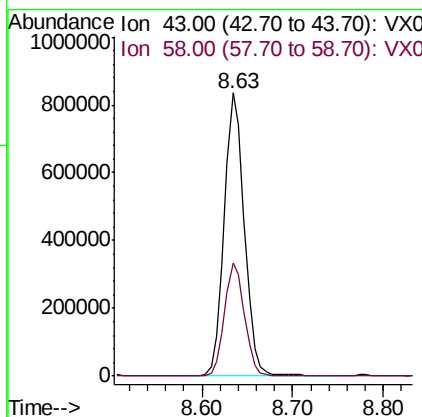
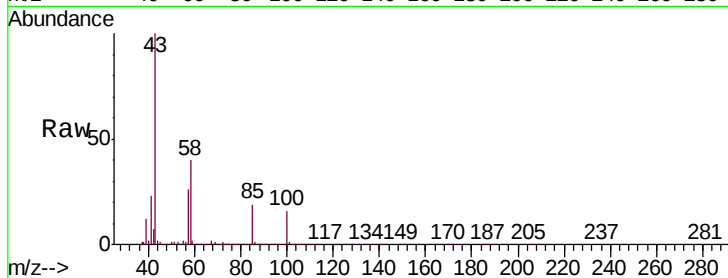
#51
4-Methyl-2-Pentanone
Concen: 248.775 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1291261
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.6

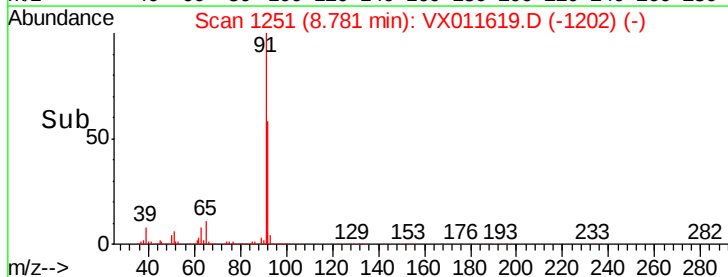
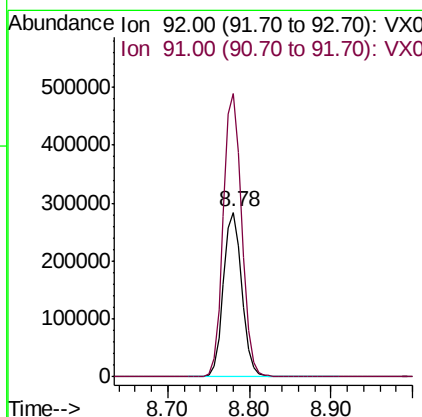
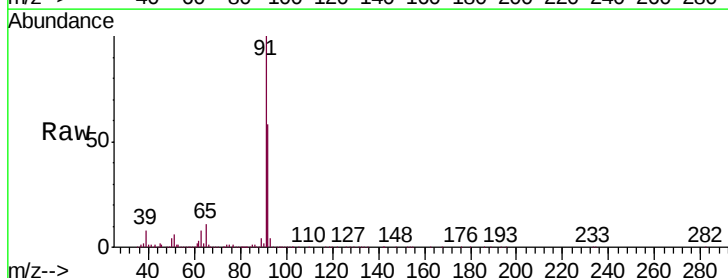
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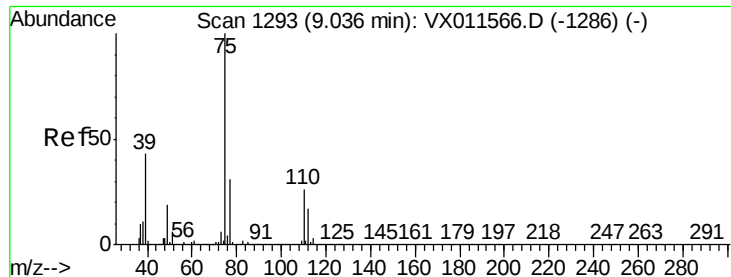
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#52
Toluene
Concen: 50.644 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion: 92 Resp: 442944
Ion Ratio Lower Upper
92 100
91 173.3 138.0 207.0





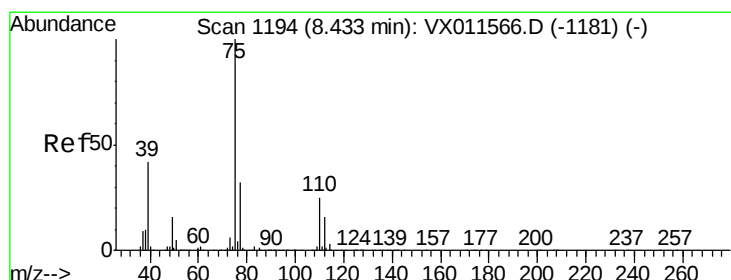
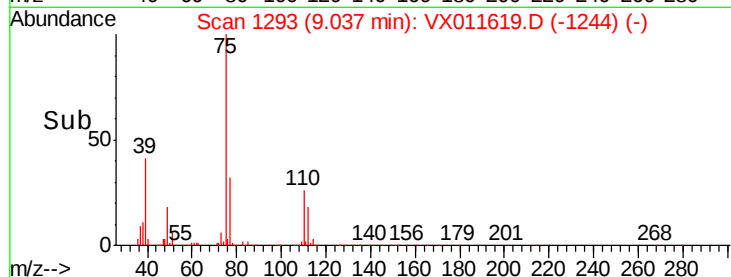
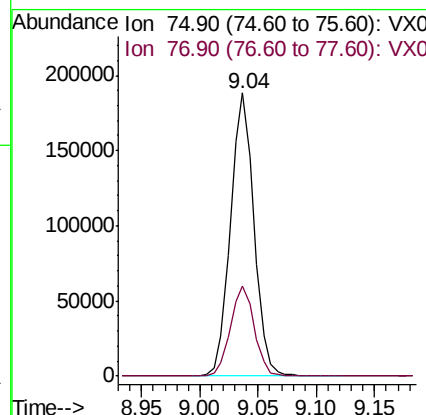
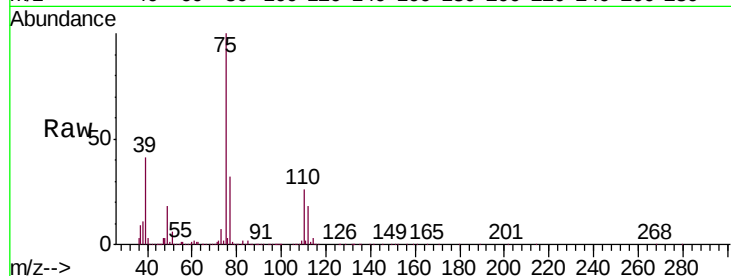
#53
t-1,3-Dichloropropene
Concen: 55.467 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7

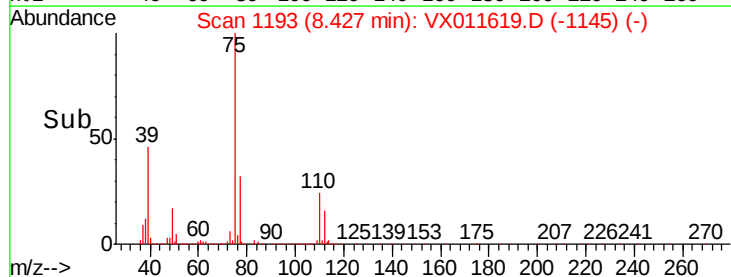
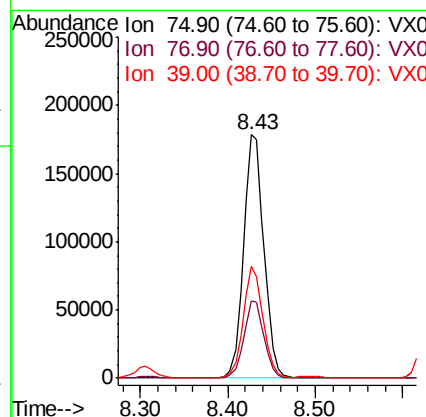
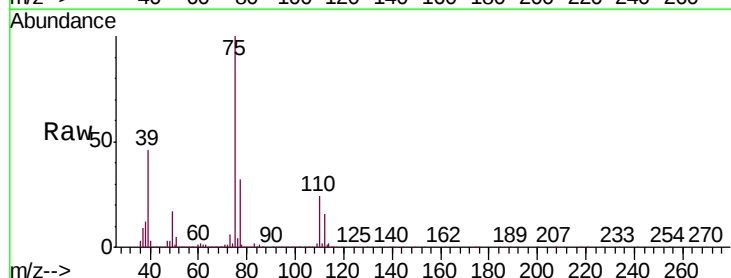
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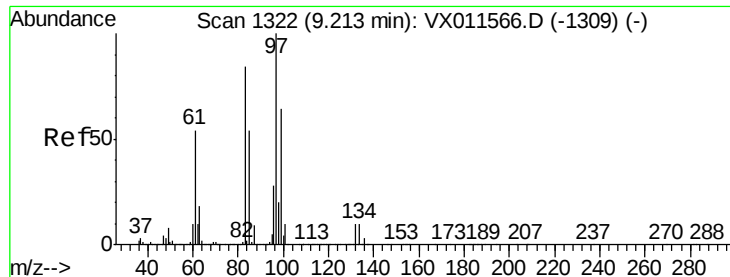
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#54
cis-1,3-Dichloropropene
Concen: 55.546 ug/l
RT: 8.43 min Scan# 1193
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
39	45.8	33.6	50.4





#55

1,1,2-Trichloroethane

Concen: 49.147 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

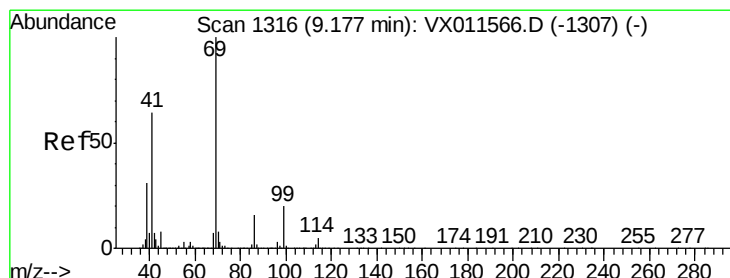
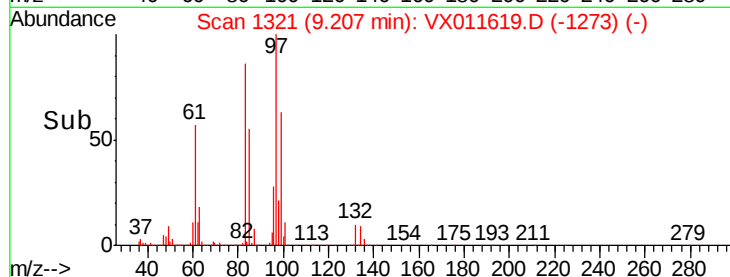
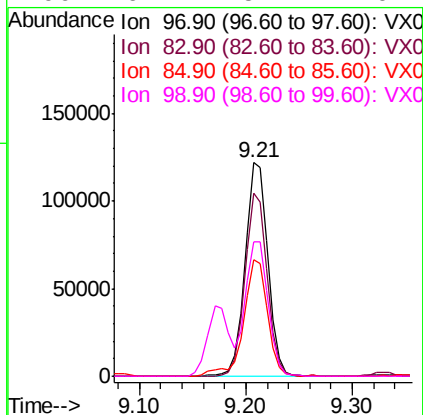
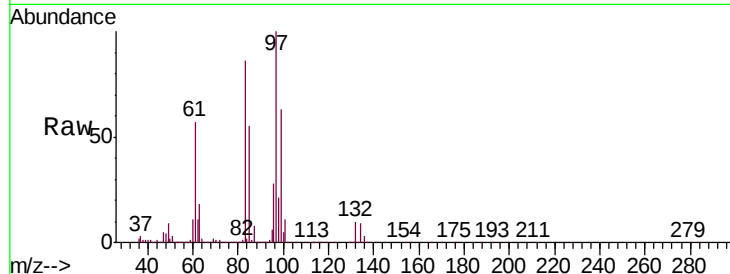
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	182796		
83	85.8	67.4	101.0	
85	54.6	43.4	65.2	
99	62.7	51.1	76.7	

Manual Integrations
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#56

Ethyl methacrylate

Concen: 52.708 ug/l

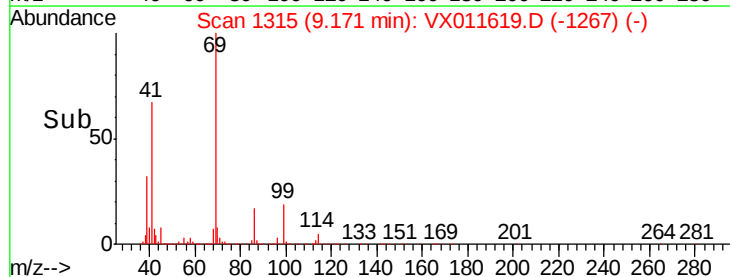
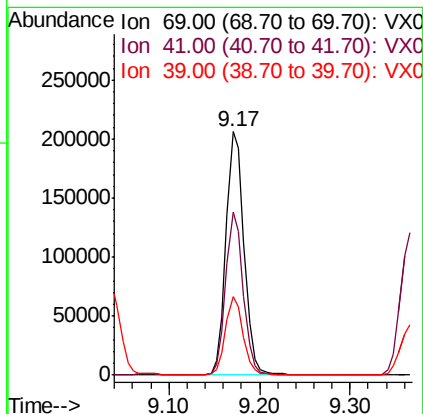
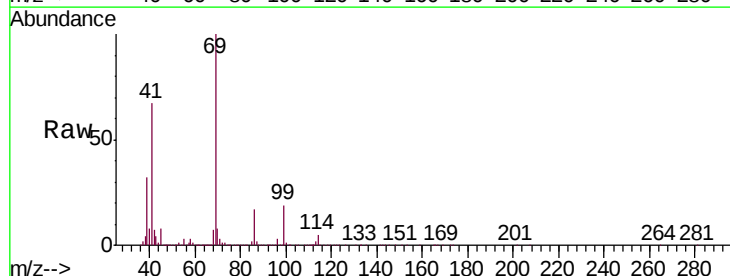
RT: 9.17 min Scan# 1315

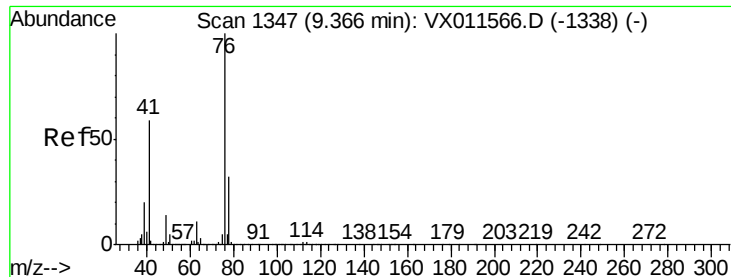
Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	284934		
41	65.3	52.1	78.1	
39	31.5	25.4	38.0	





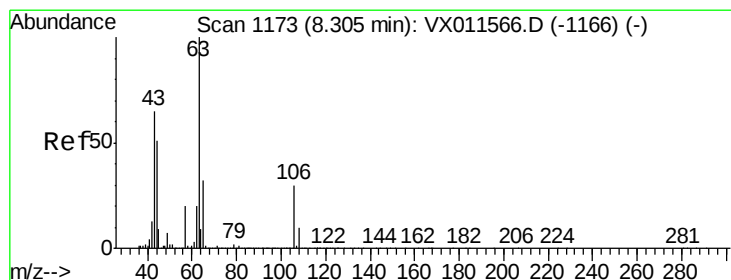
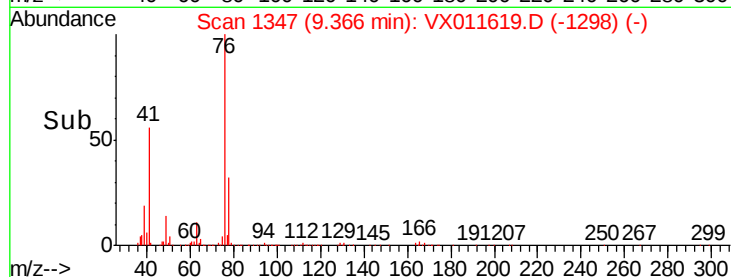
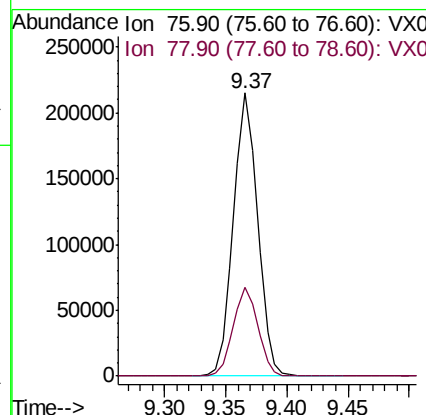
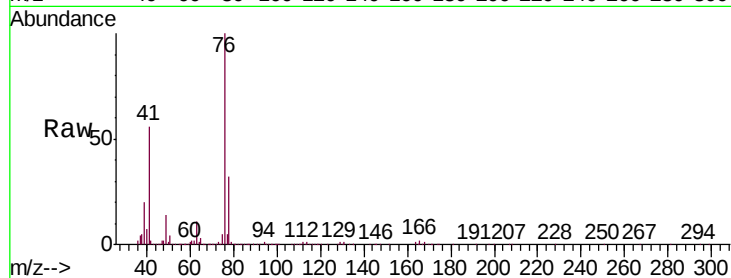
#57
 1,3-Dichloropropane
 Concen: 49.834 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.4

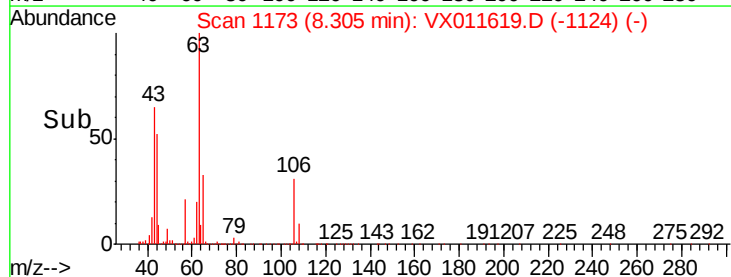
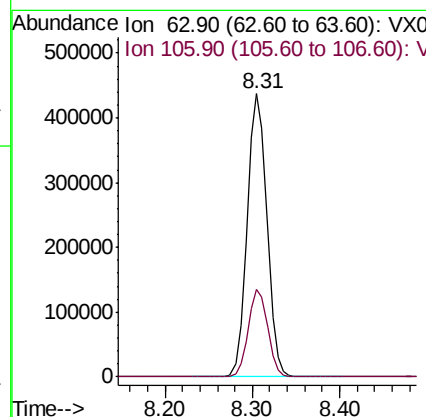
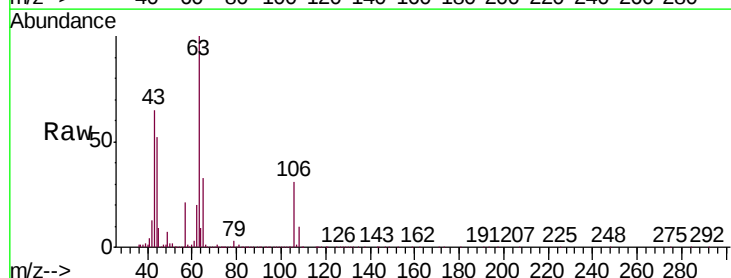
Manual Integrations
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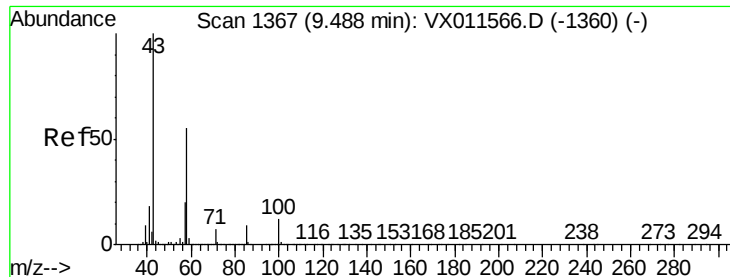
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#58
 2-Chloroethyl Vinyl ether
 Concen: 253.306 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	24.7	37.1





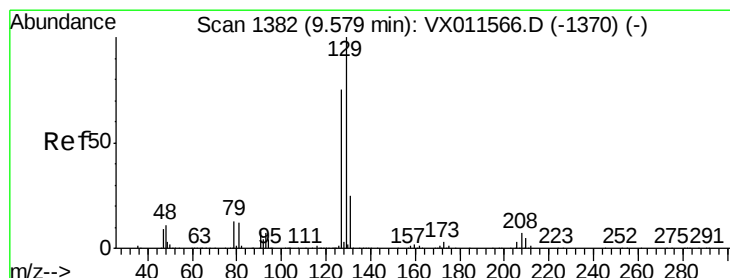
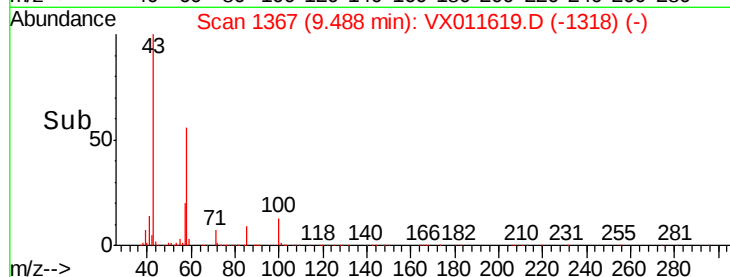
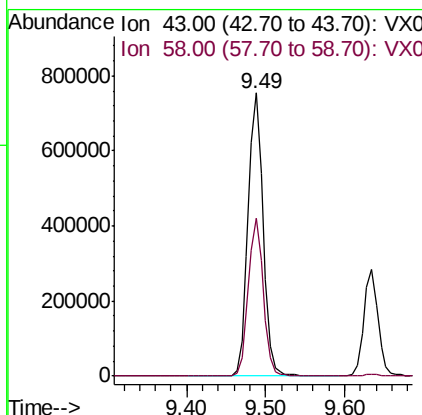
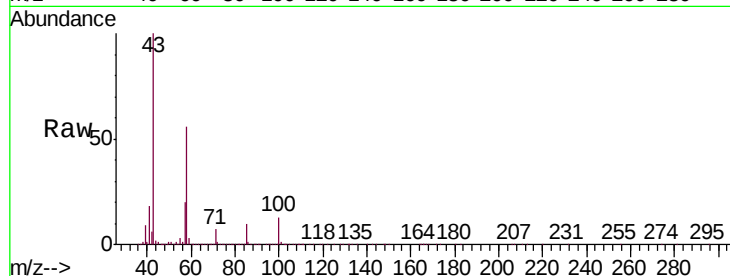
#59
2-Hexanone
Concen: 251.306 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1005891
Ion Ratio Lower Upper
43 100
58 55.3 27.5 82.4

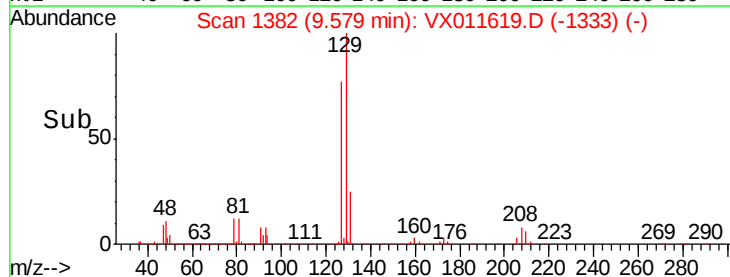
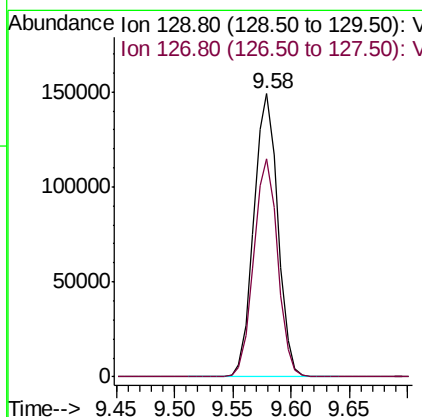
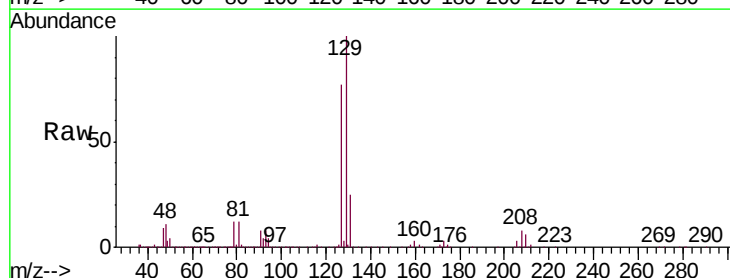
Manual Integrations
APPROVED

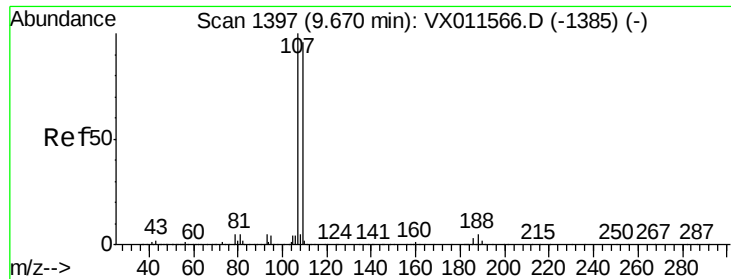
MMDadoda
8/20/2019 3:41:11 PM



#60
Dibromochloromethane
Concen: 55.582 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion: 129 Resp: 215391
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1





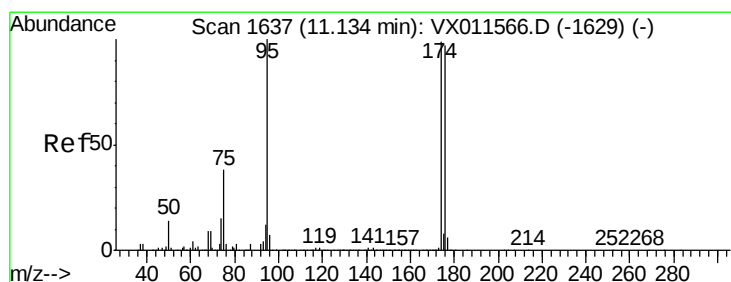
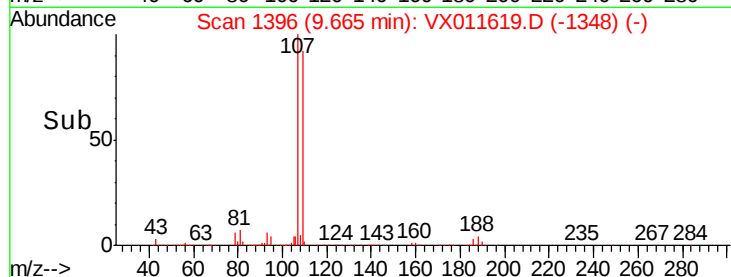
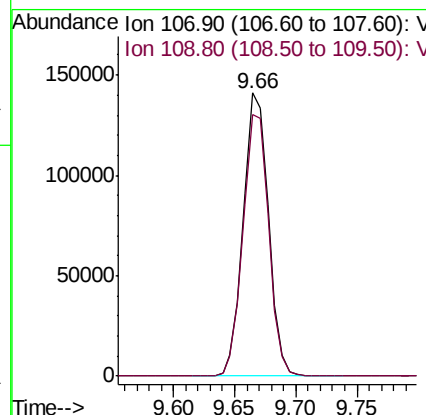
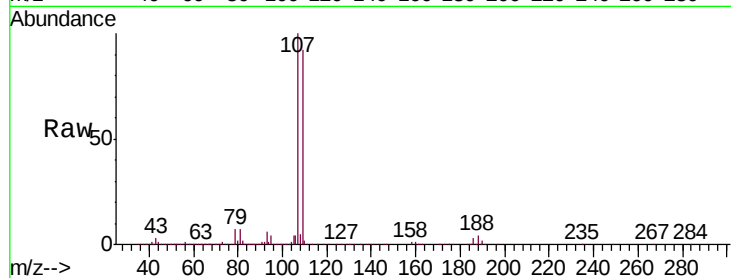
#61
 1,2-Dibromoethane
 Concen: 50.750 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.2	114.2

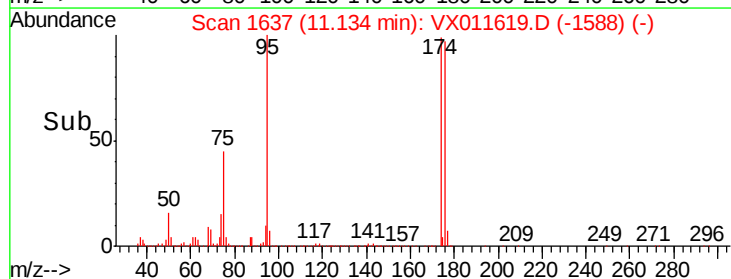
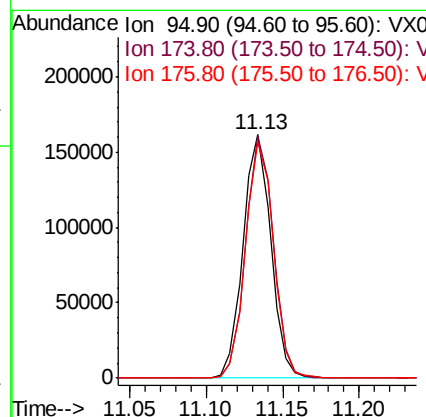
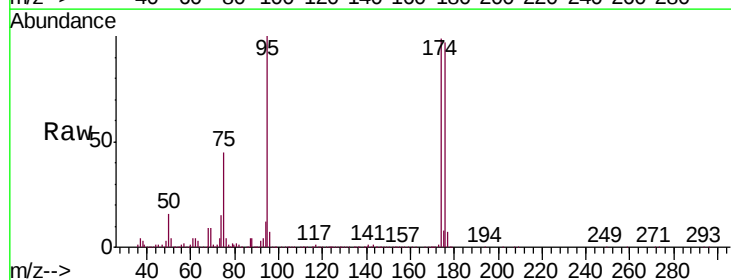
Manual Integrations
 APPROVED

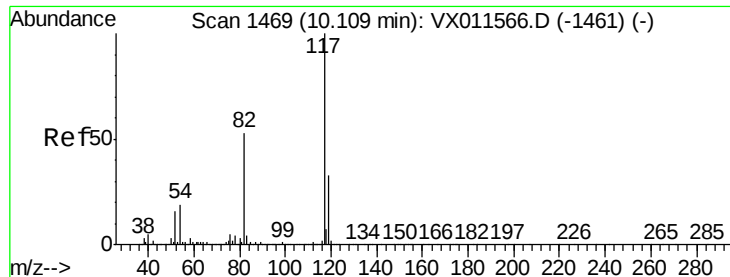
MMDadoda
 8/20/2019 3:41:11 PM



#62
 4-Bromofluorobenzene
 Concen: 45.688 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.7	0.0	200.6
176	98.3	0.0	196.6





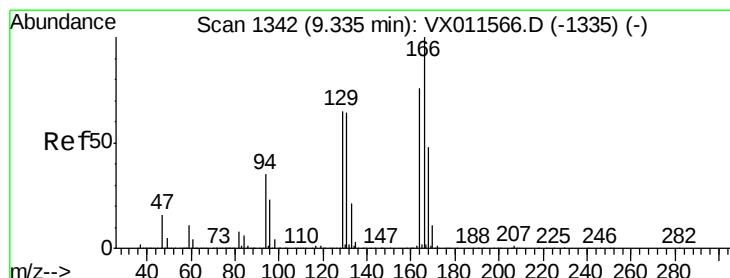
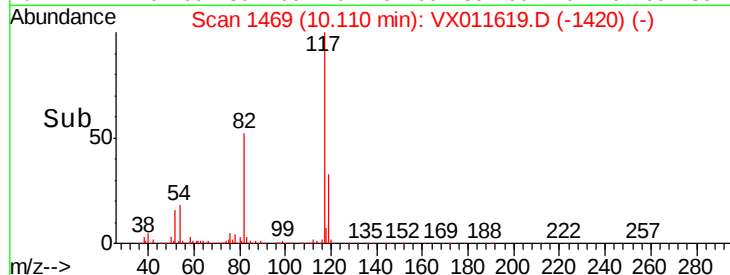
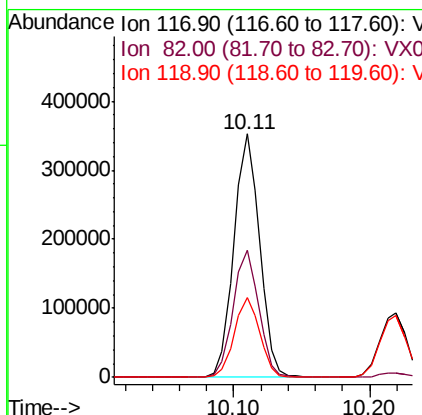
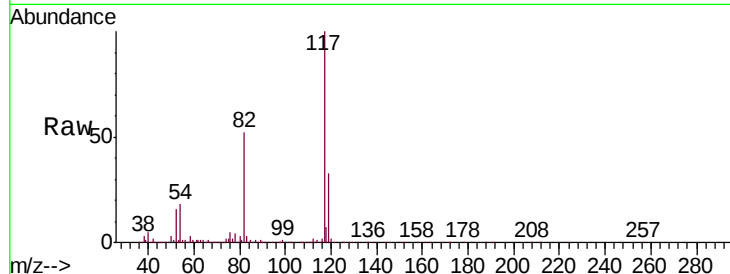
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.3	42.0	63.0
119	32.5	26.5	39.7

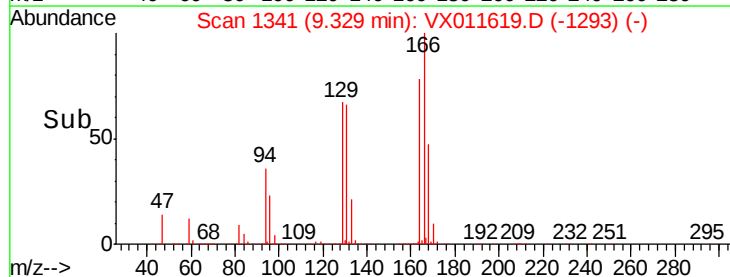
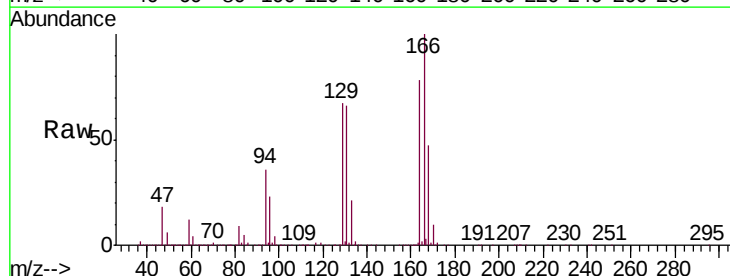
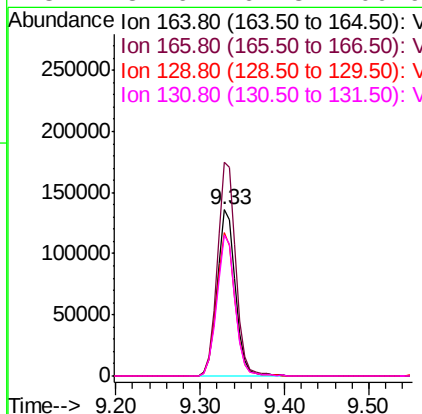
Manual Integrations
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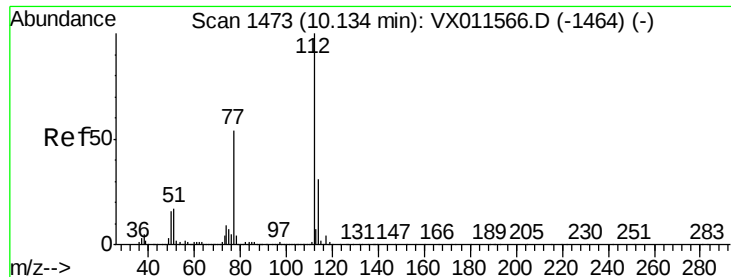
MMDadoda
8/20/2019 3:41:11 PM



#64
Tetrachloroethene
Concen: 53.314 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.8	104.7	157.1
129	86.8	68.2	102.4
131	84.6	67.3	100.9





#65

Chlorobenzene

Concen: 50.746 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 502422

Ion Ratio Lower Upper

112 100

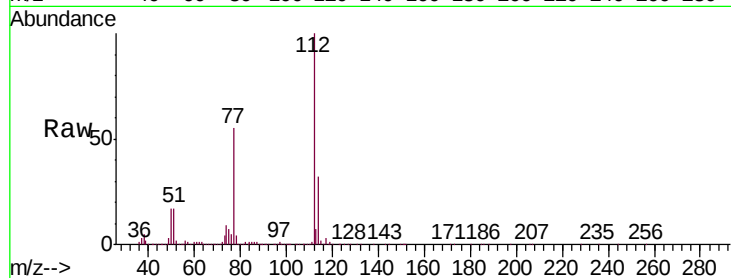
114 32.2 25.0 37.6

Manual Integrations

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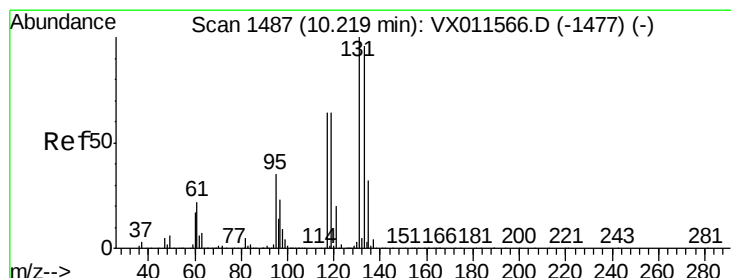
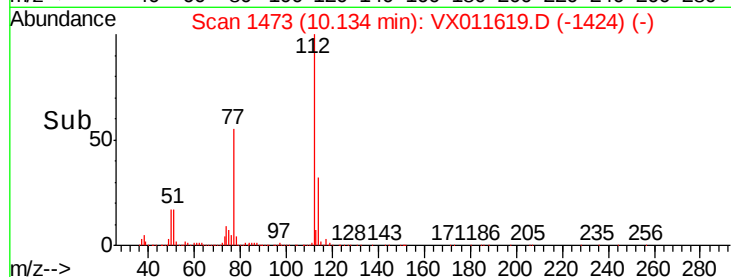
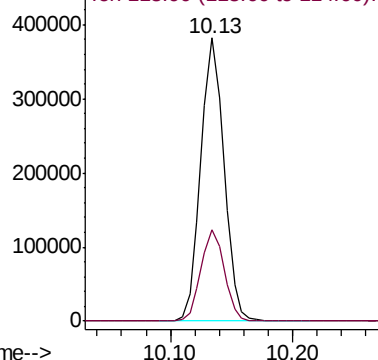
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.715 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

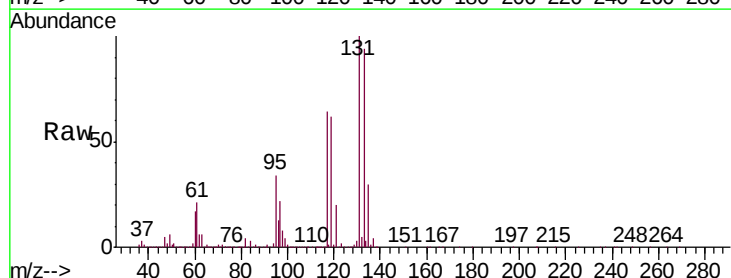
Tgt Ion:131 Resp: 198774

Ion Ratio Lower Upper

131 100

133 94.7 48.1 144.4

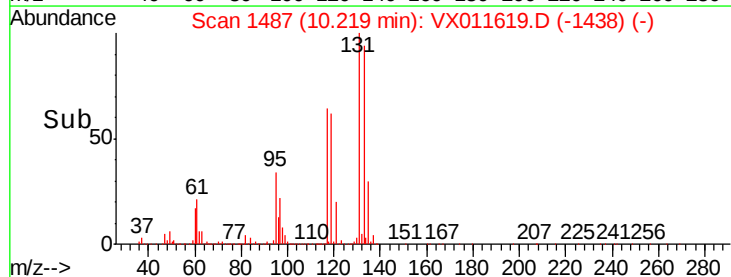
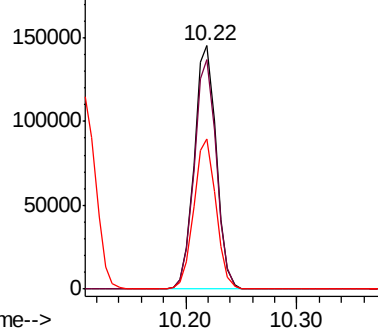
119 62.1 31.3 93.8

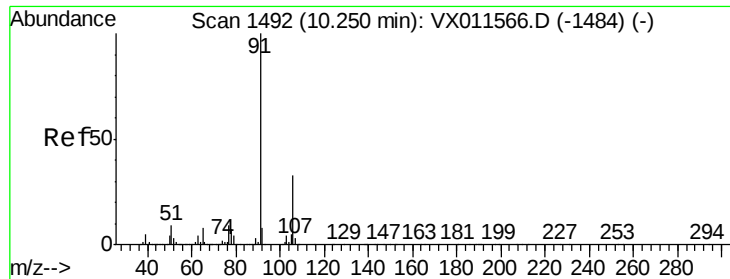


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





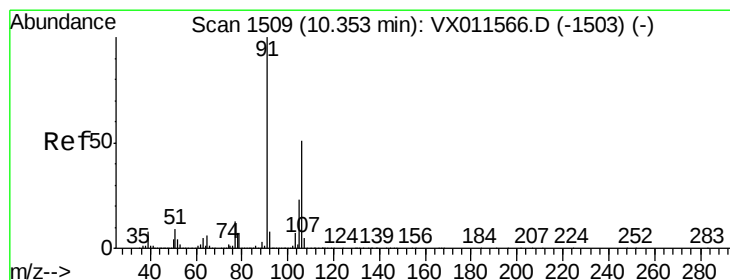
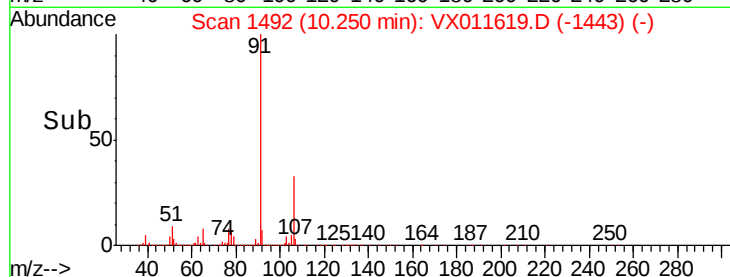
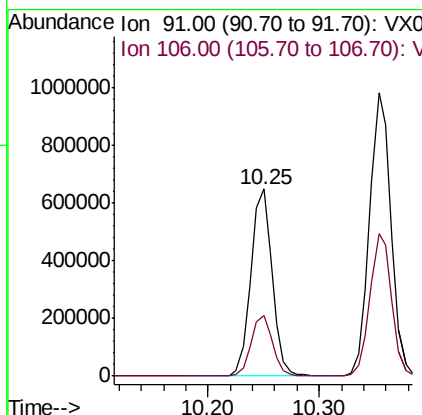
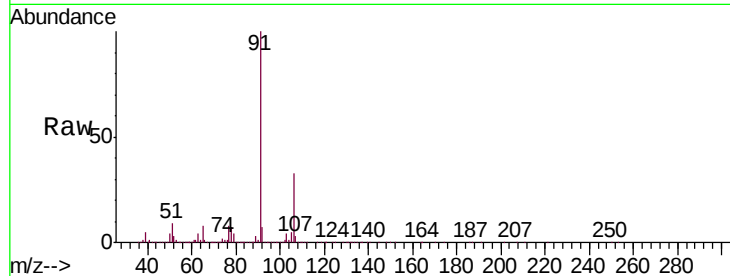
#67
Ethyl Benzene
Concen: 52.359 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 865152
Ion Ratio Lower Upper
91 100
106 32.7 26.0 39.0

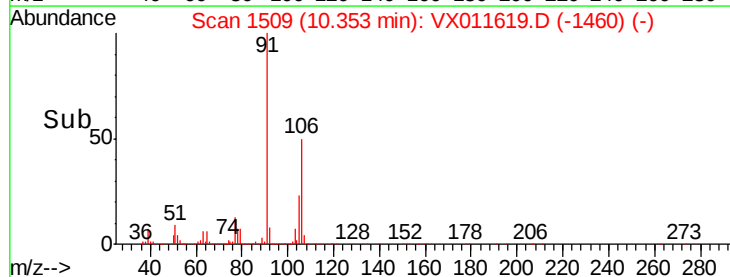
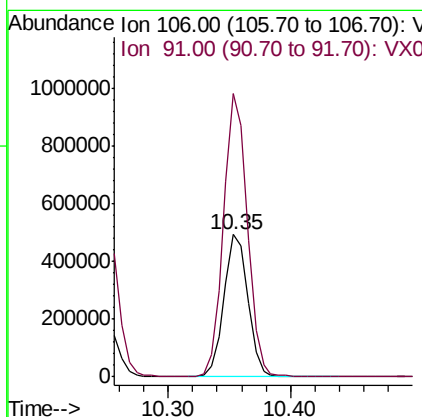
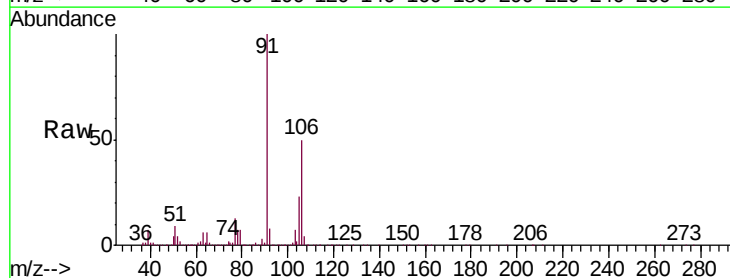
Manual Integrations
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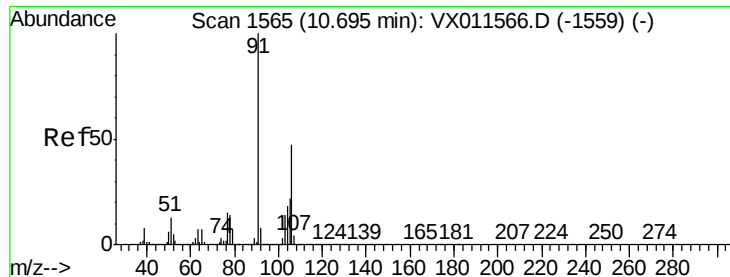
MMDadoda
8/20/2019 3:41:11 PM



#68
m/p-Xylenes
Concen: 105.788 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion: 106 Resp: 670964
Ion Ratio Lower Upper
106 100
91 198.1 156.0 234.0





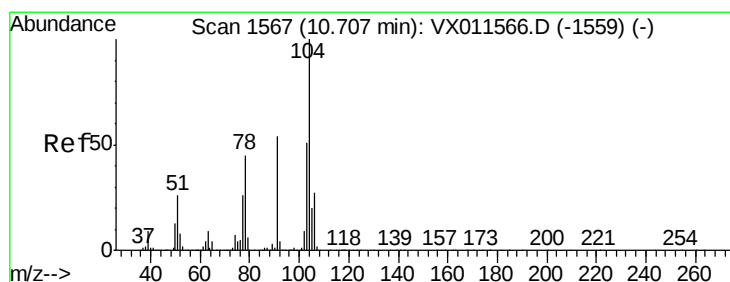
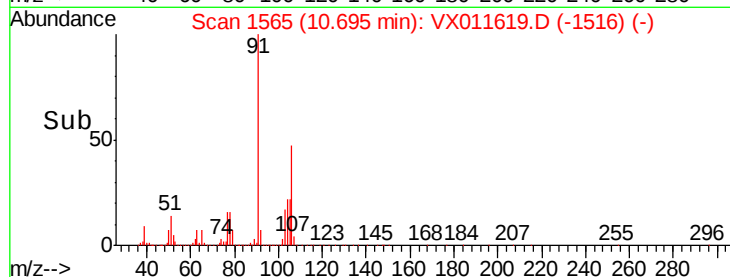
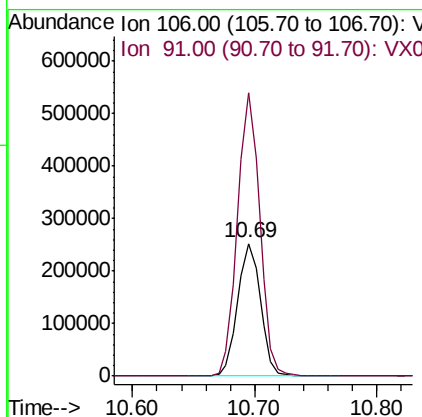
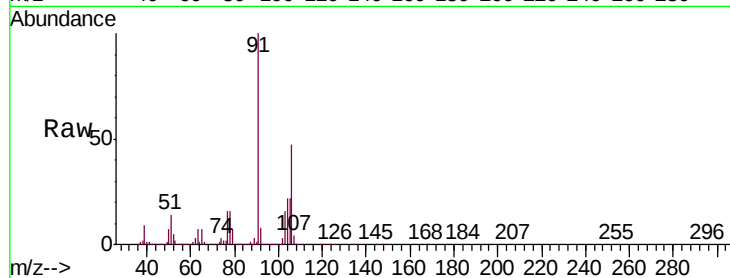
#69
o-Xylene
Concen: 52.309 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	324985		
91	208.8	105.5	316.4	

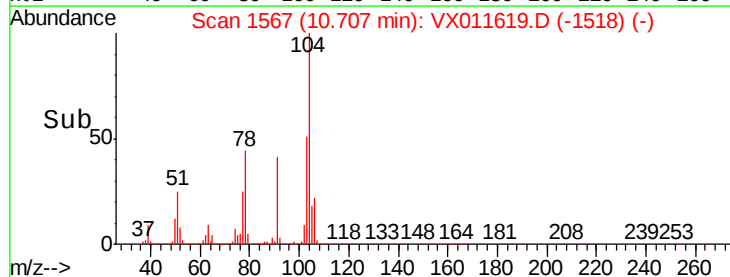
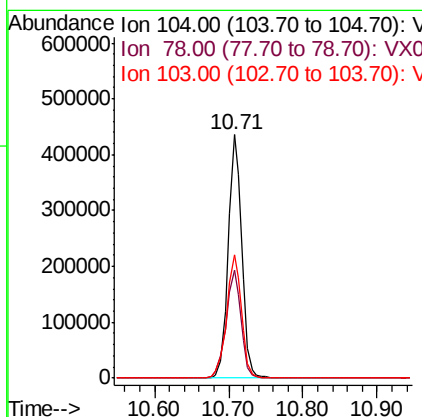
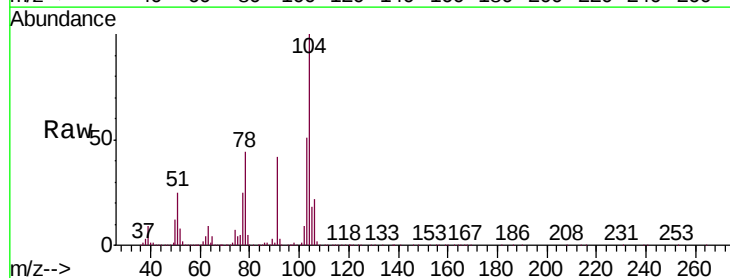
Manual Integrations
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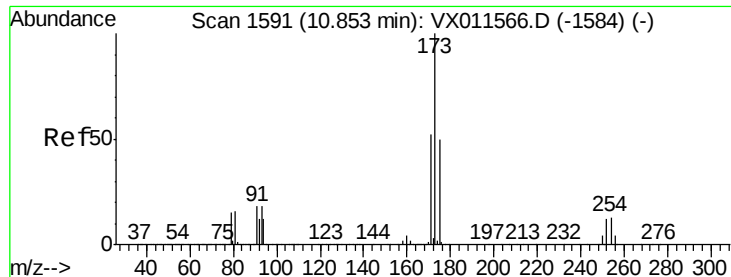
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#70
Styrene
Concen: 53.039 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	554721		
78	48.8	38.2	57.4	
103	55.2	43.6	65.4	





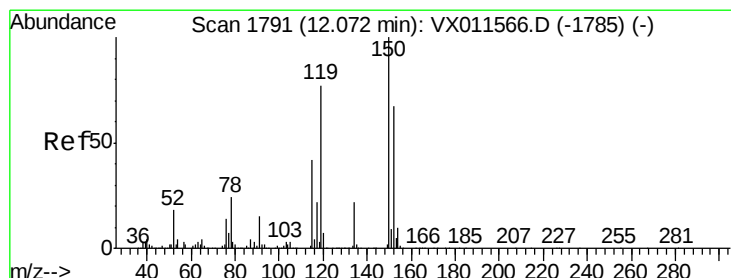
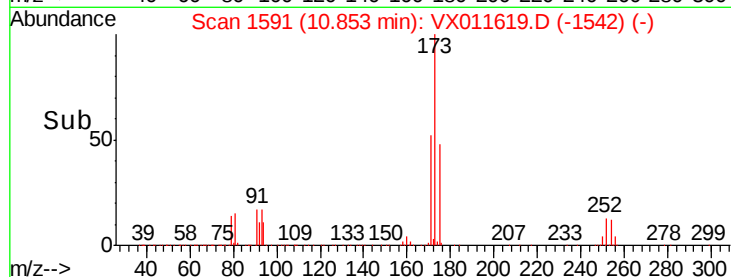
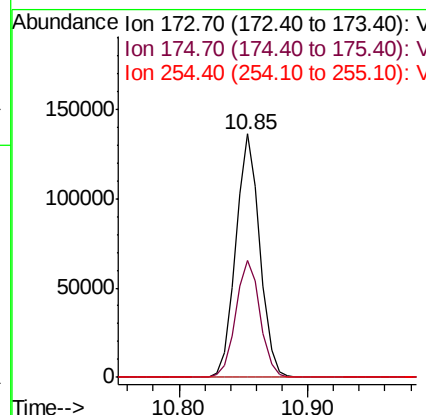
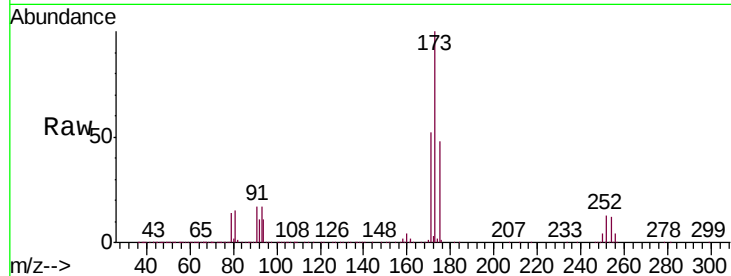
#71
Bromoform
Concen: 49.314 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.9	74.7
254	0.2	0.1	0.1#

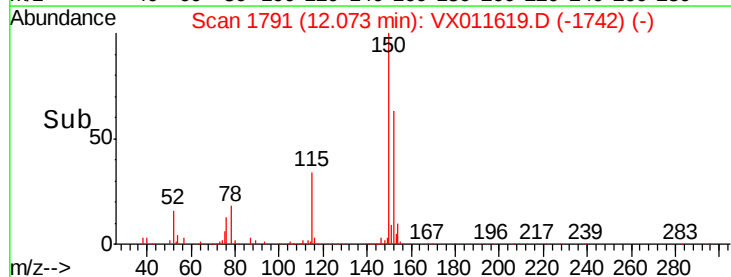
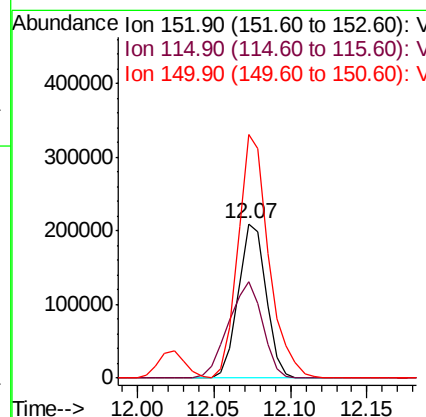
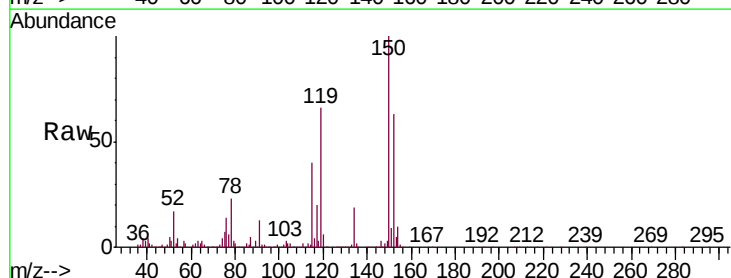
Manual Integrations
APPROVED

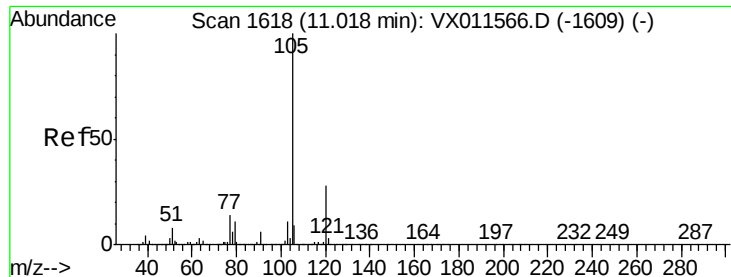
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.4	37.3	111.9
150	173.7	0.0	346.2





#73

Isopropylbenzene

Concen: 51.397 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 880223

Ion Ratio Lower Upper

105 100

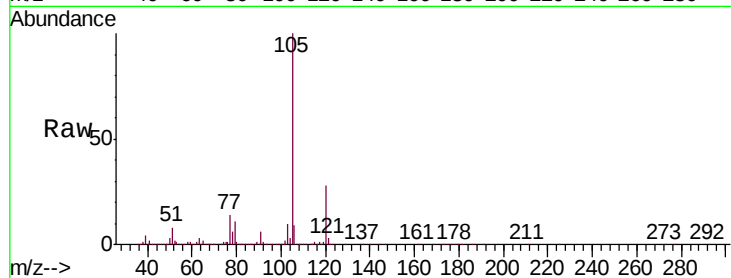
120 27.8 14.0 41.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

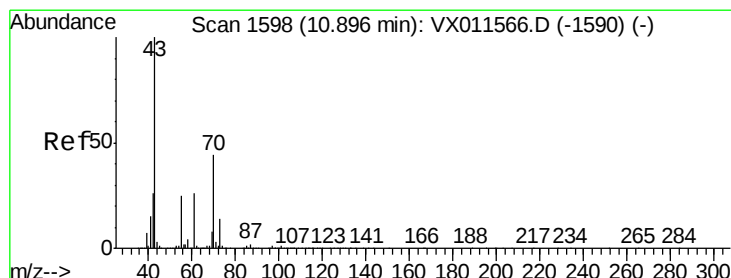
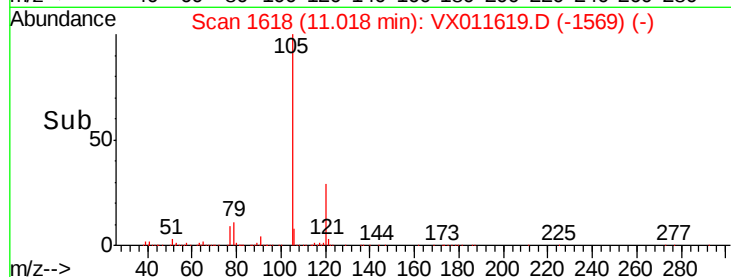
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 48.204 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion: 43 Resp: 350832

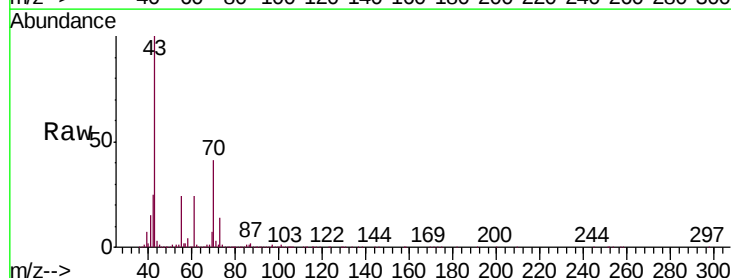
Ion Ratio Lower Upper

43 100

70 42.8 34.7 52.1

55 24.3 19.6 29.4

61 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

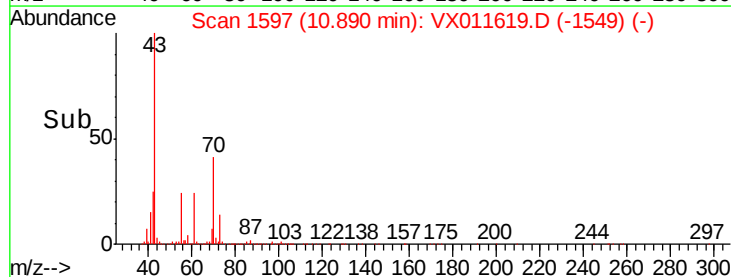
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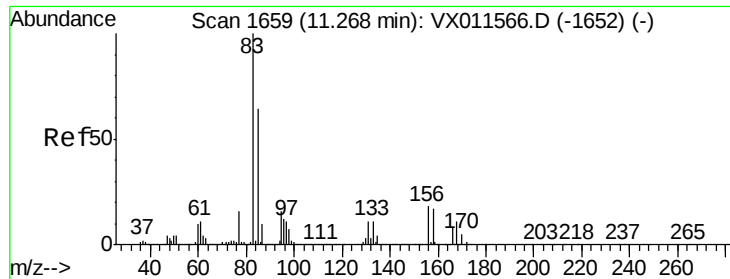
200000

100000

0

Time-->





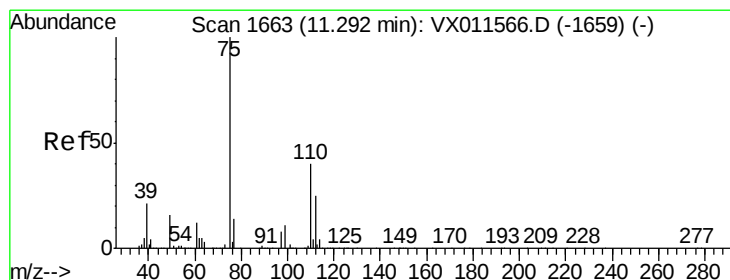
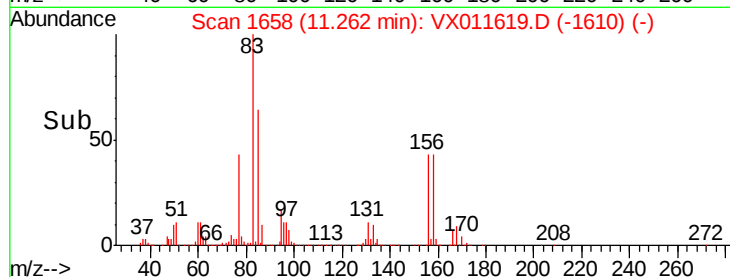
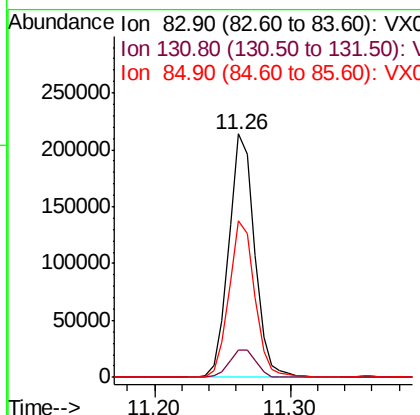
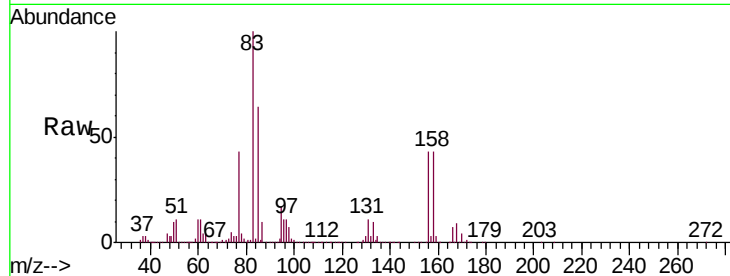
#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.994 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.8	17.3
85	64.4	31.9	95.9

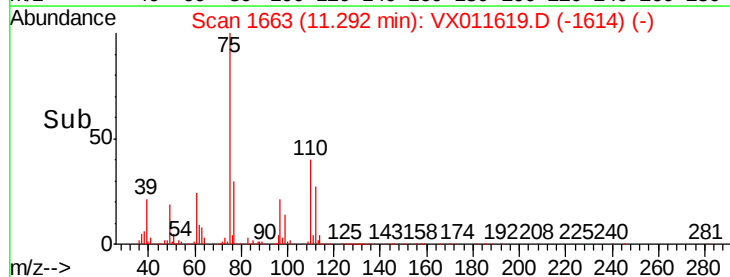
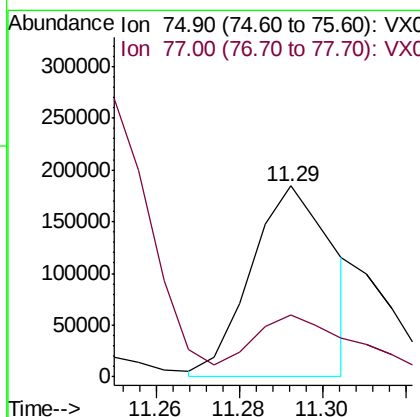
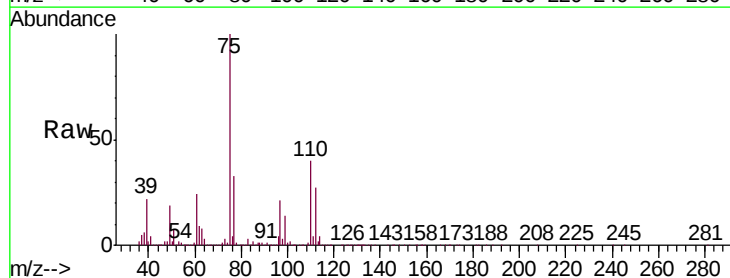
Manual Integrations
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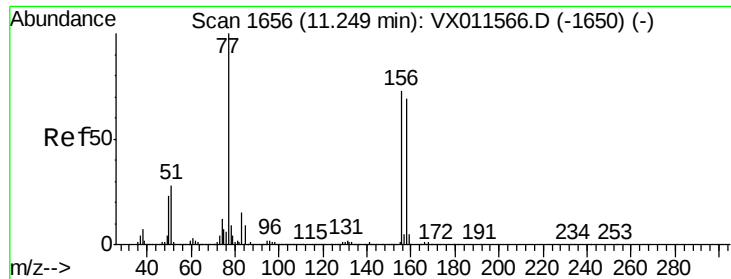
MMDadoda
 8/20/2019 3:41:11 PM



#76
 1,2,3-Trichloropropane
 Concen: 50.364 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	41.4	20.9	62.8





#77

Bromobenzene

Concen: 50.039 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

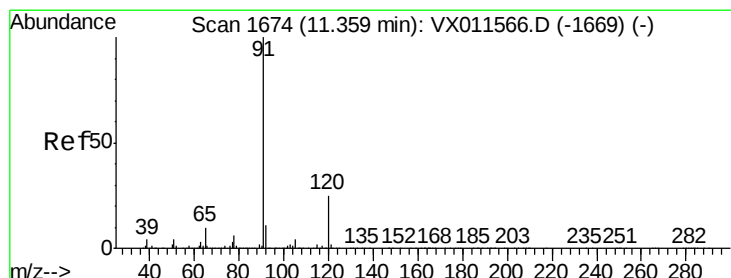
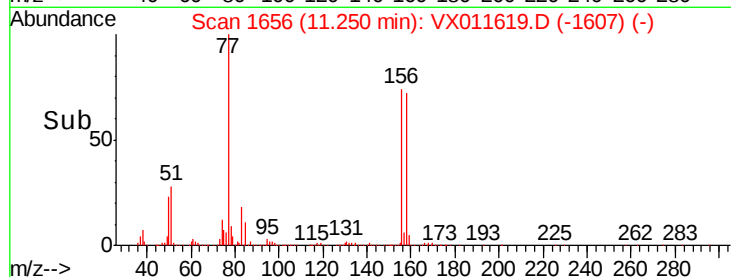
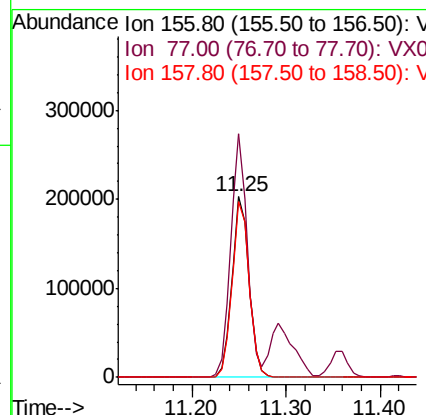
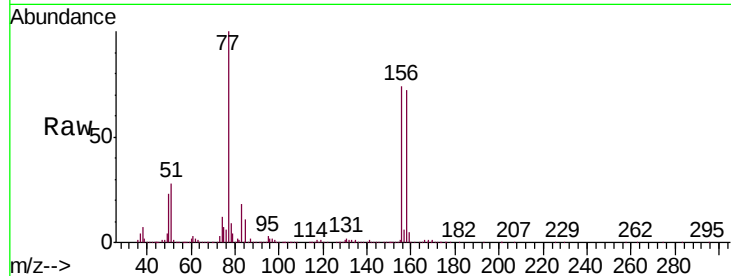
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	254967		
77	131.0	64.6	193.9	
158	97.9	48.4	145.3	

Manual Integrations
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8/20/2019 3:41:11 PM



#78

n-propylbenzene

Concen: 53.131 ug/l

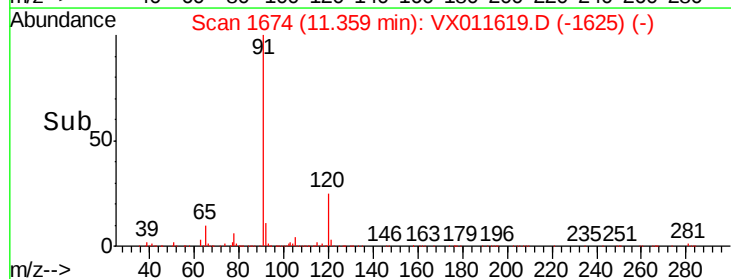
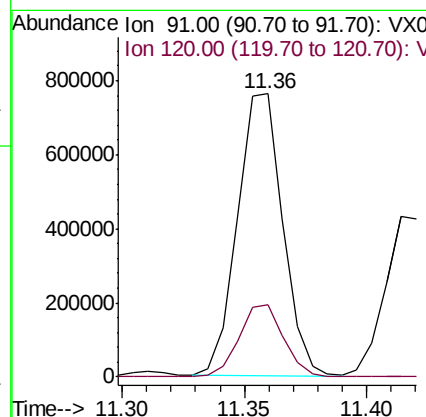
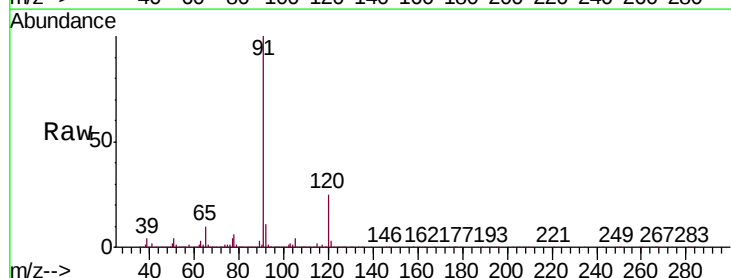
RT: 11.36 min Scan# 1674

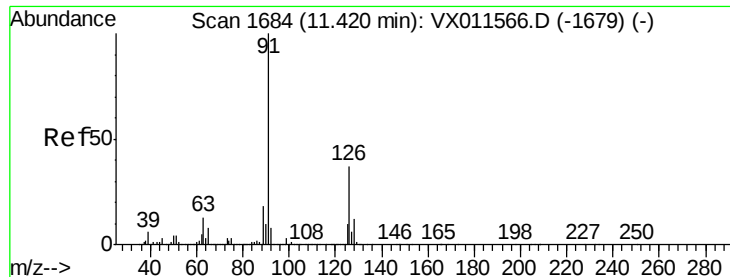
Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	981170		
120	25.0	12.6	37.6	





#79

2-Chlorotoluene

Concen: 50.994 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 578261

Ion Ratio Lower Upper

91 100

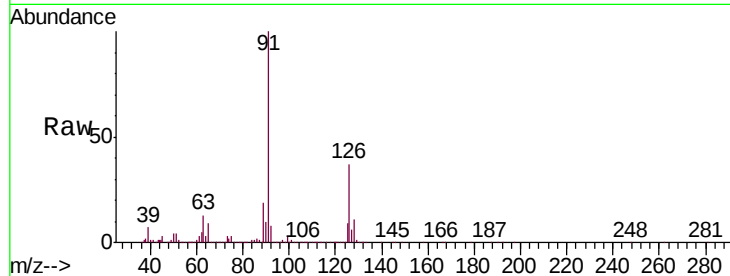
126 37.4 18.4 55.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011566.D (-1679) (-)

800000

600000

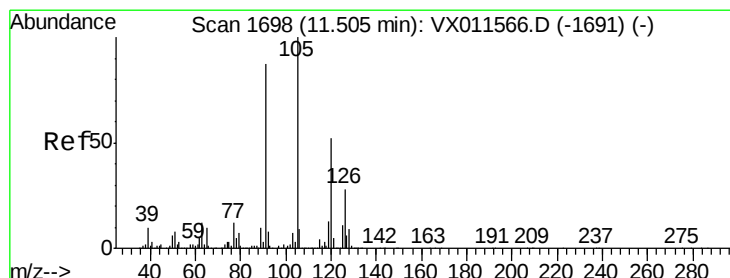
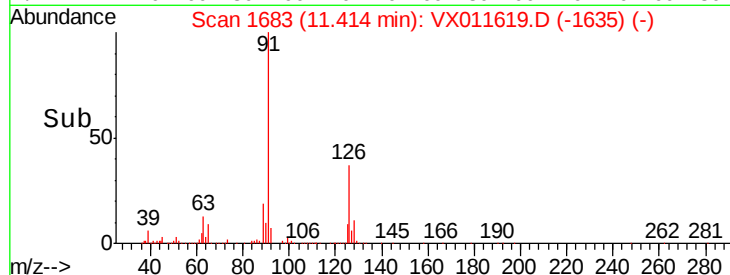
400000

200000

0

11.40 11.41 11.42 11.43 11.44 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.499 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011619.D

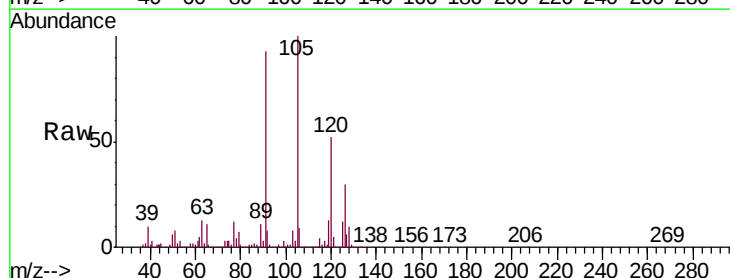
Acq: 19 Aug 2019 09:47

Tgt Ion: 105 Resp: 755279

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1691) (-)

600000

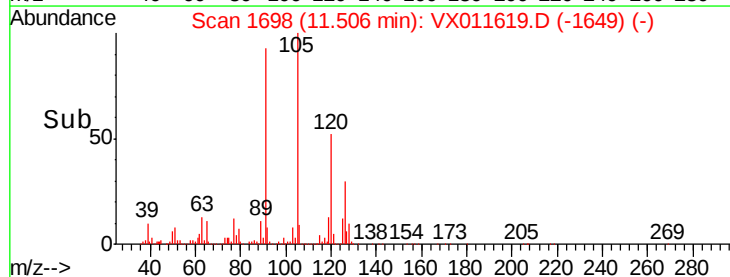
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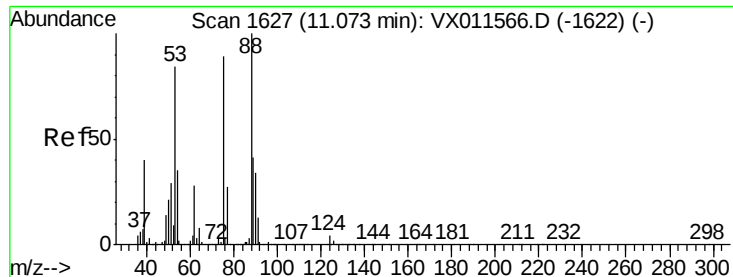
200000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.927 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

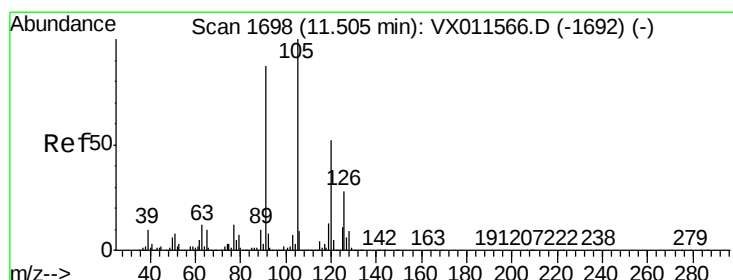
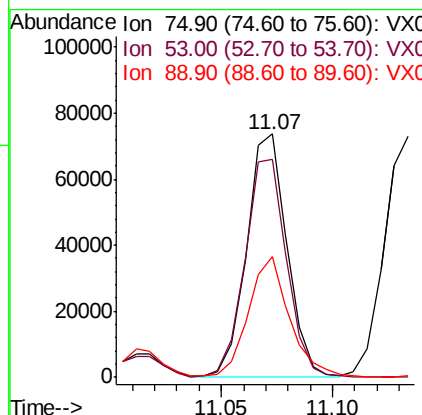
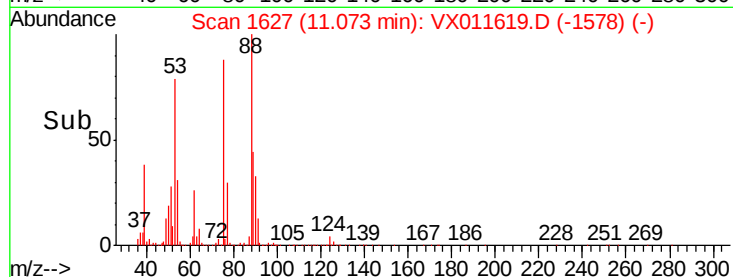
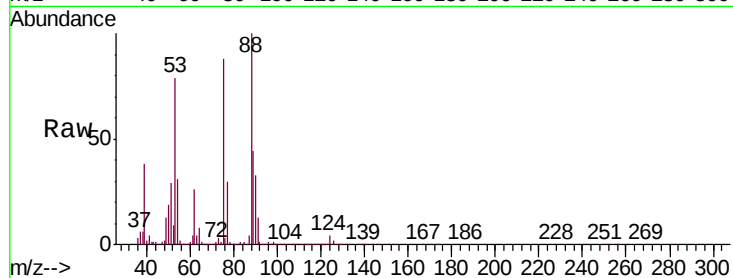
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	92227
Ion	Ratio	Lower	Upper
75	100		
53	93.4	77.4	116.0
89	51.1	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.725 ug/l

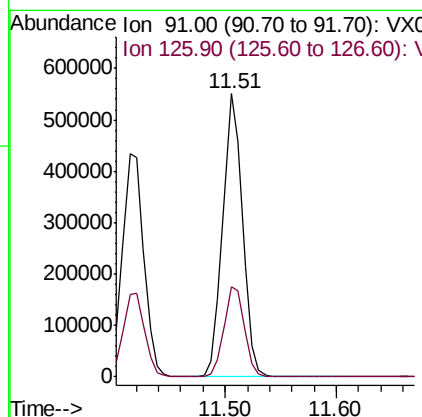
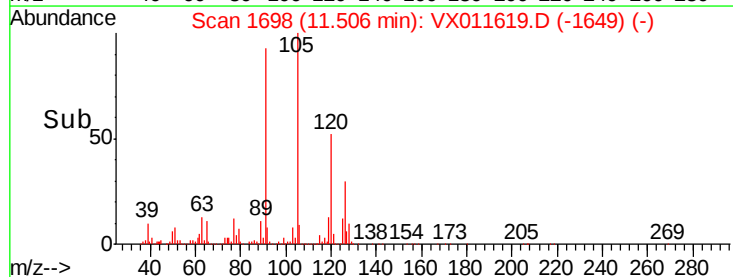
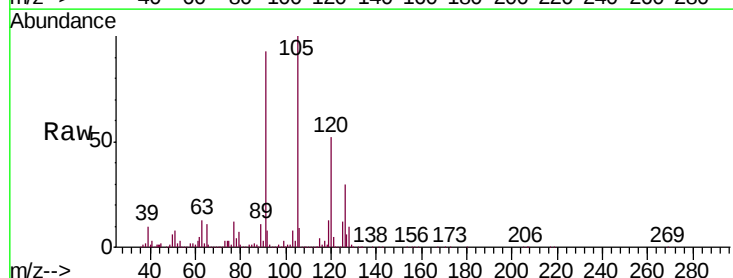
RT: 11.51 min Scan# 1698

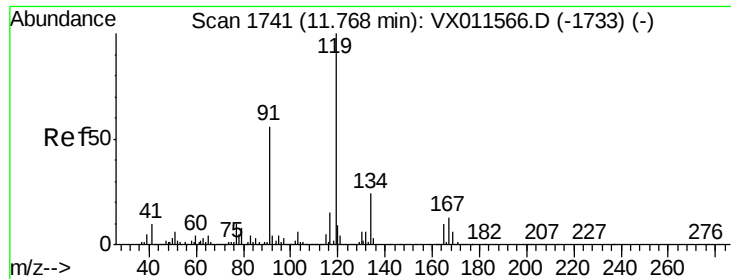
Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Tgt Ion:	91	Resp:	680491
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.1





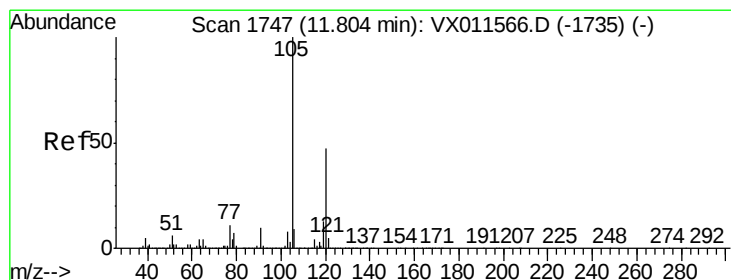
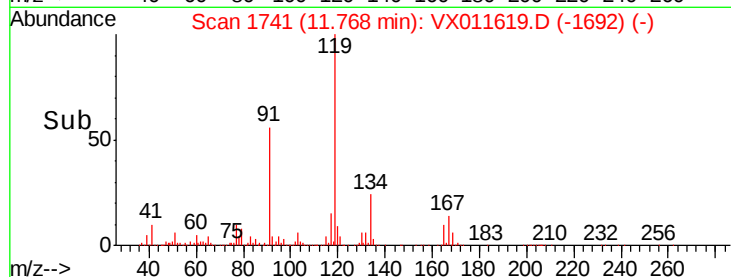
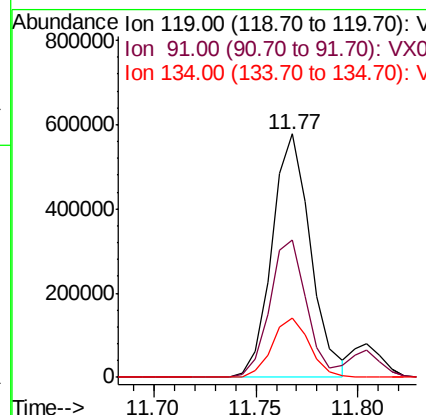
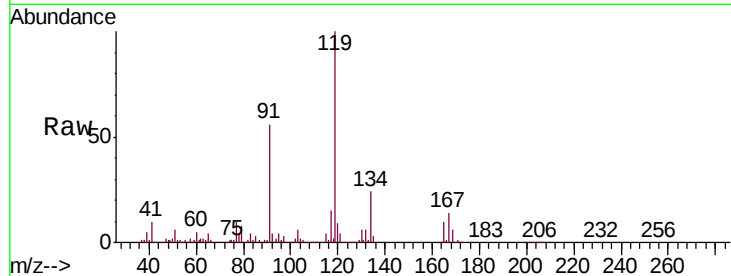
#83
 tert-Butylbenzene
 Concen: 51.855 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	759804		
91	53.6	27.1	81.3	
134	23.7	11.8	35.3	

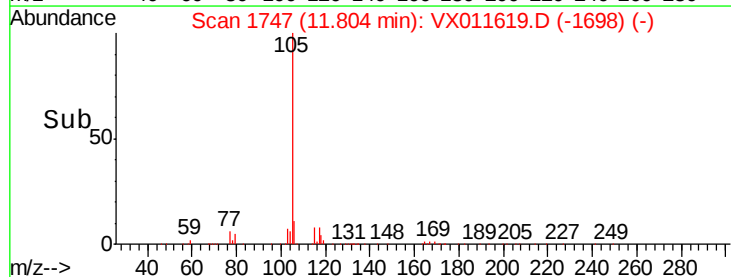
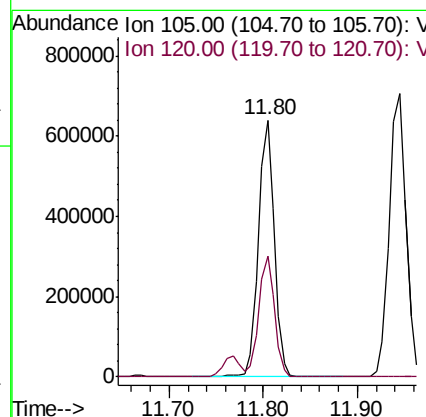
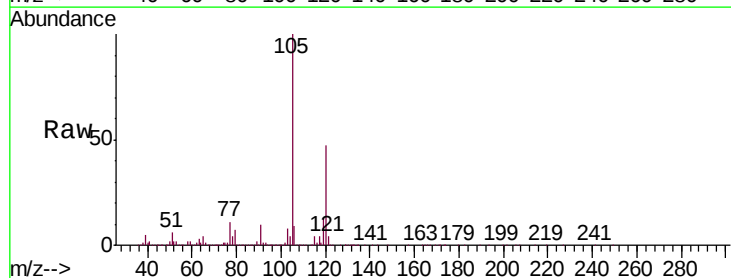
Manual Integrations
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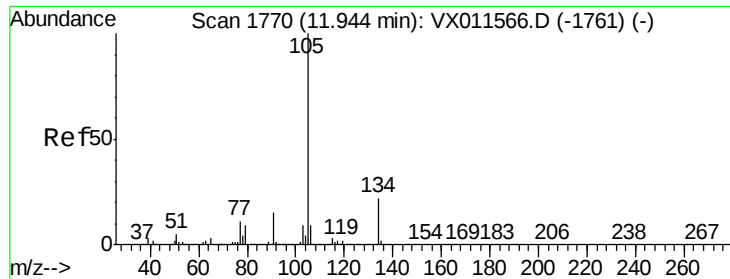
MMDadoda
 8/20/2019 3:41:11 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.954 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	764816		
120	46.5	23.3	69.9	





#85

sec-Butylbenzene

Concen: 52.961 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 875516

Ion Ratio Lower Upper

105 100

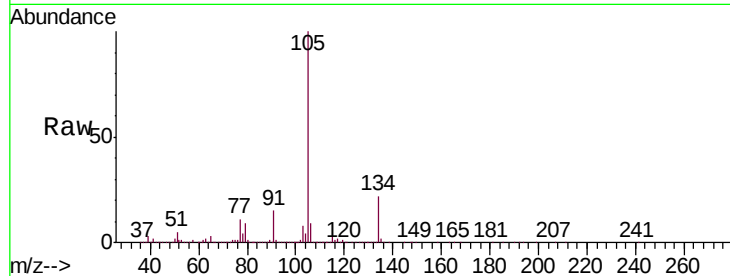
134 21.8 10.8 32.4

Manual Integrations

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MMDadoda

8/20/2019 3:41:11 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

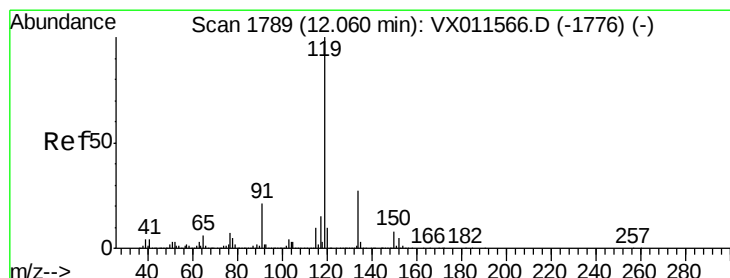
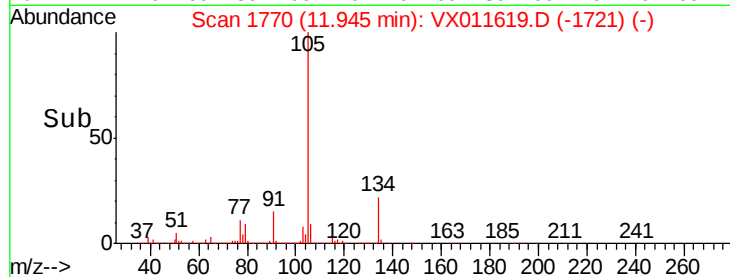
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.146 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011619.D

Acq: 19 Aug 2019 09:47

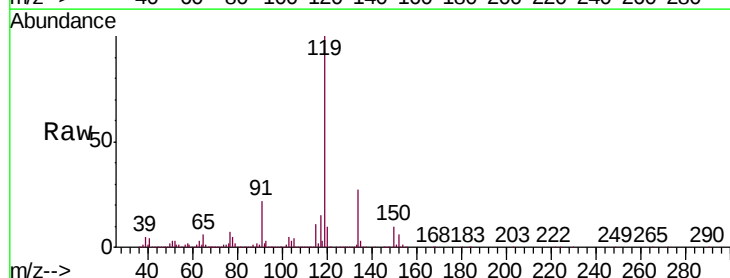
Tgt Ion:119 Resp: 842098

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 22.0 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

800000

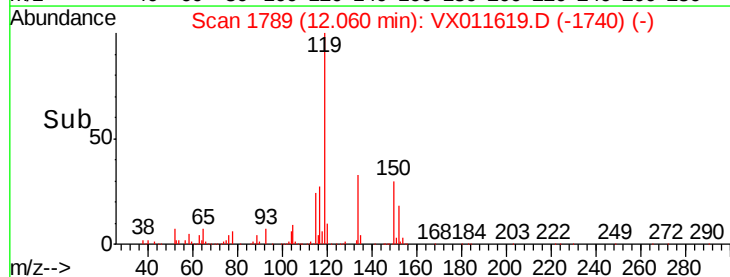
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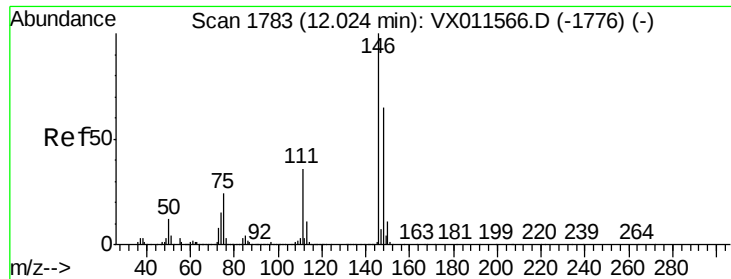
400000

200000

0

Time-->





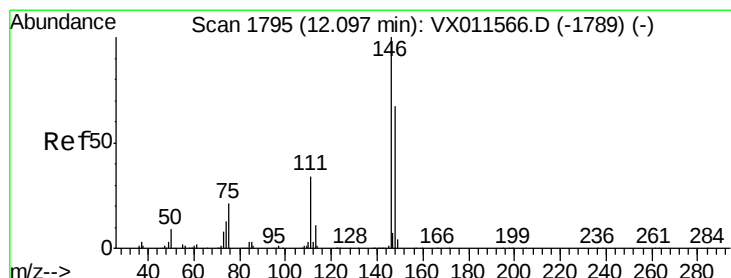
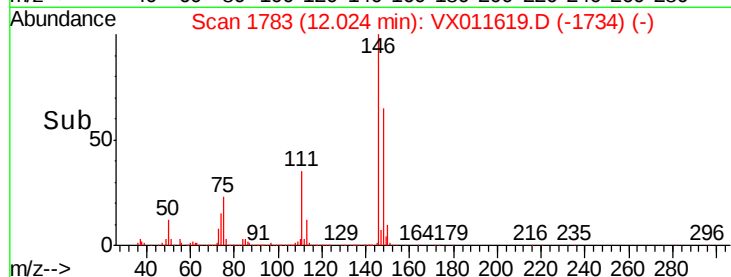
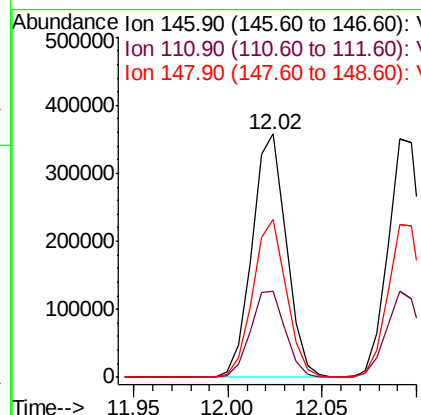
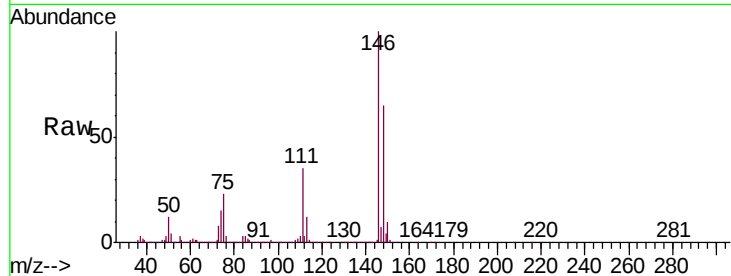
#87
 1,3-Dichlorobenzene
 Concen: 51.453 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	450628		
111	35.9	18.1	54.4	
148	63.5	32.0	96.0	

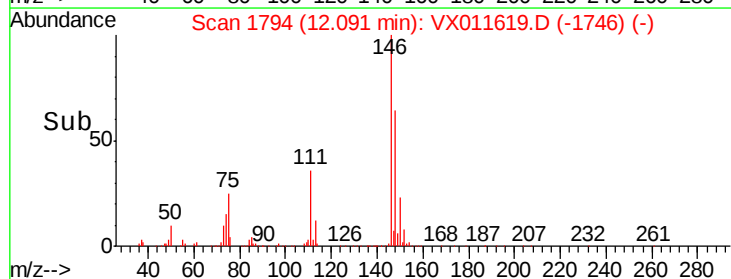
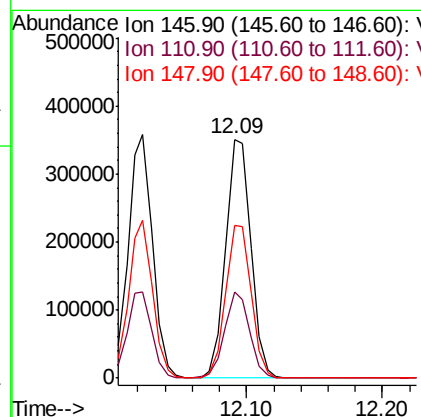
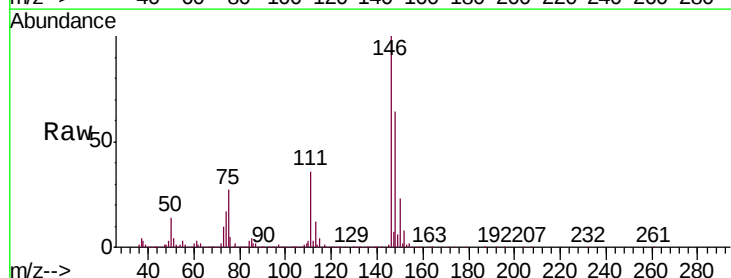
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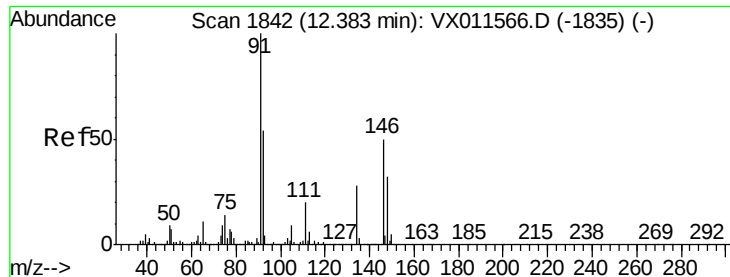
MMDadoda
 8/20/2019 3:41:11 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.810 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	451021		
111	35.6	17.9	53.7	
148	64.5	32.5	97.5	





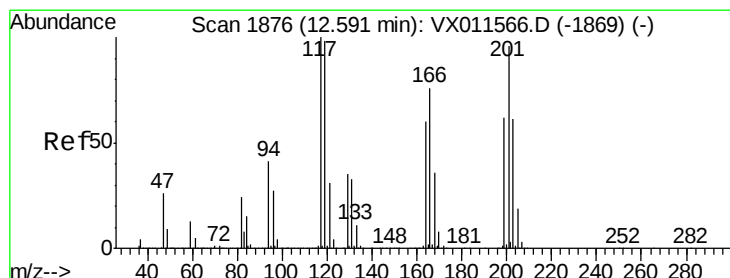
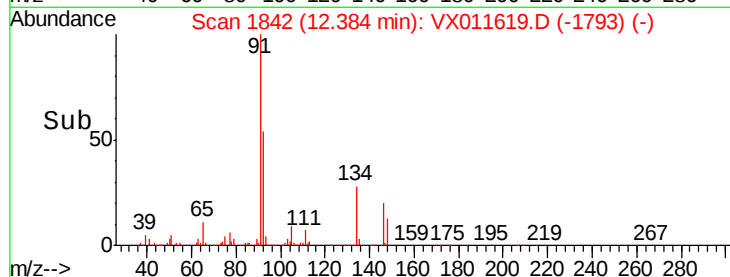
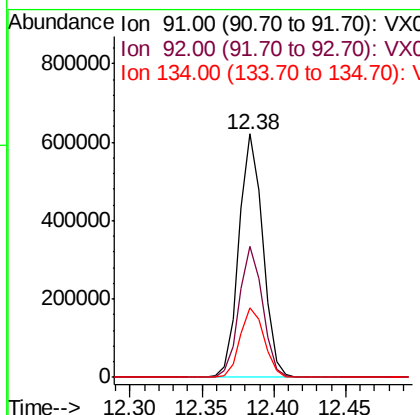
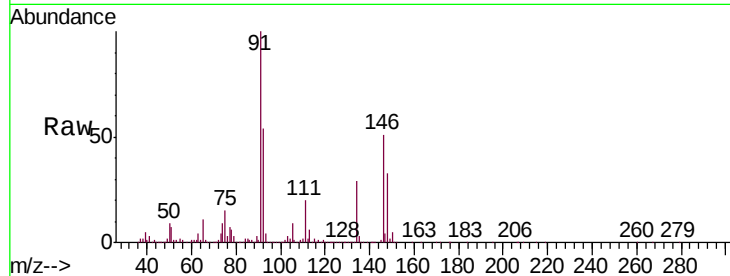
#89
n-Butylbenzene
Concen: 55.770 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

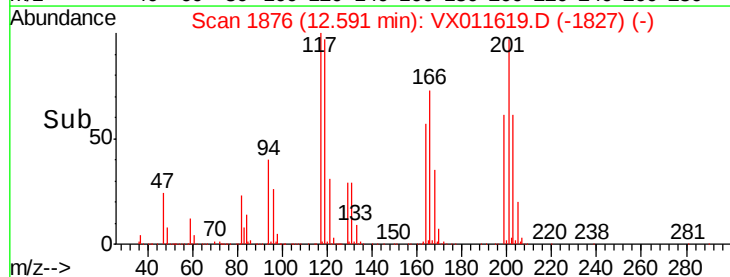
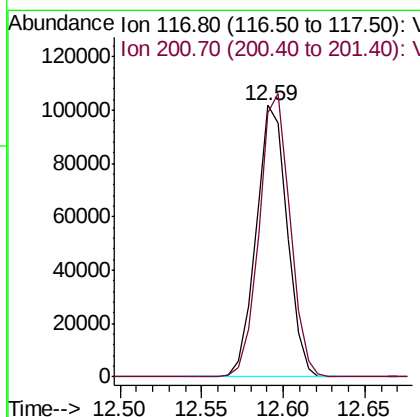
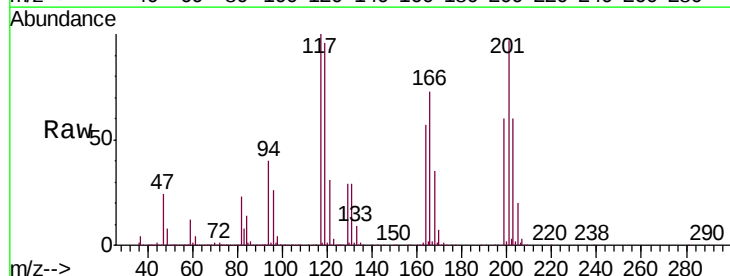
Manual Integrations
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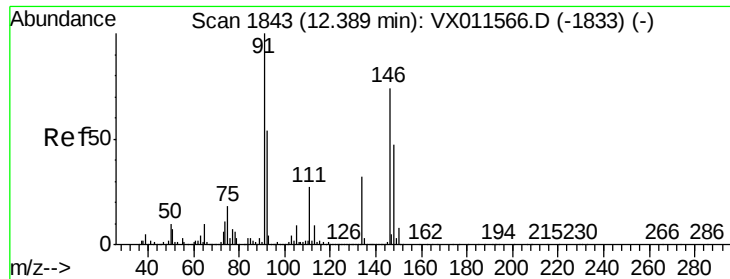
MMDadoda
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#90
Hexachloroethane
Concen: 54.685 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.3	51.9	155.7





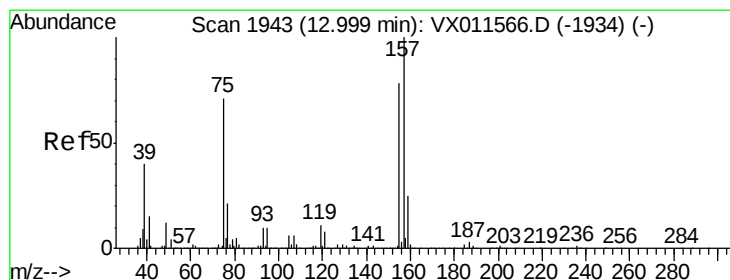
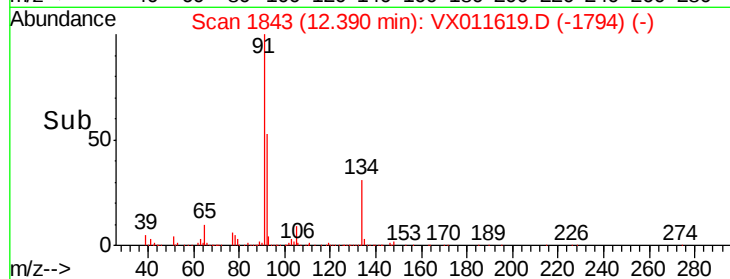
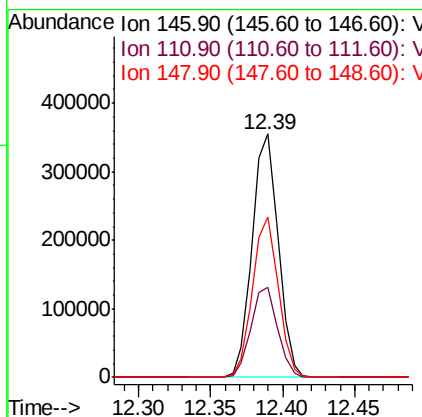
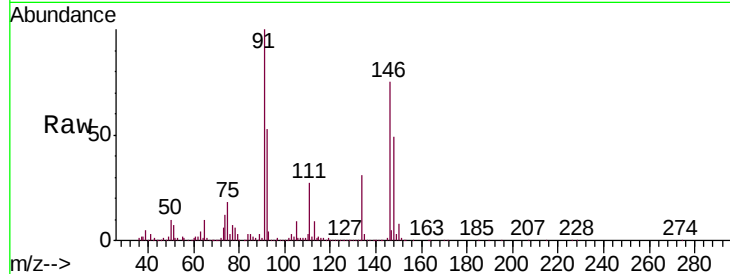
#91
 1,2-Dichlorobenzene
 Concen: 50.298 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	65.2	31.9	95.9

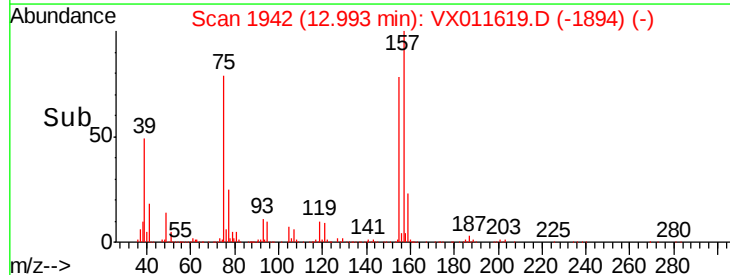
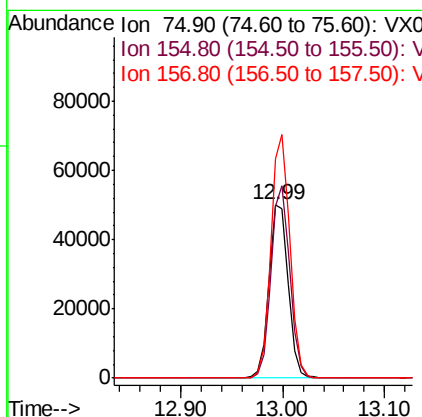
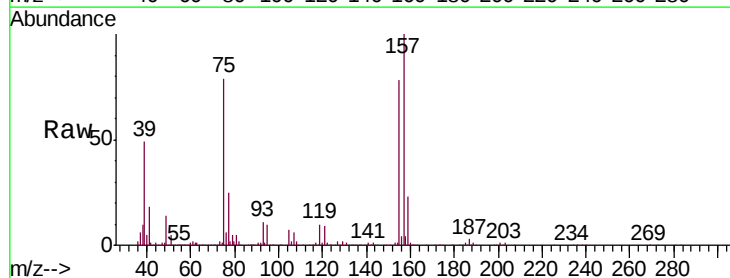
Manual Integrations
 APPROVED

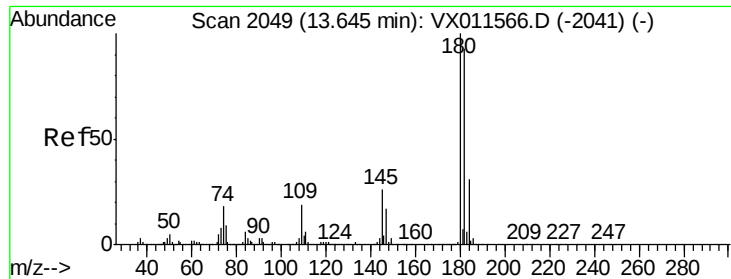
MMDadoda
 8/20/2019 3:41:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.729 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.7	53.0	159.0
157	135.1	68.3	205.1





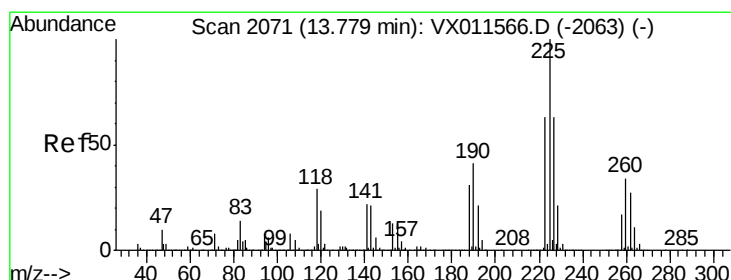
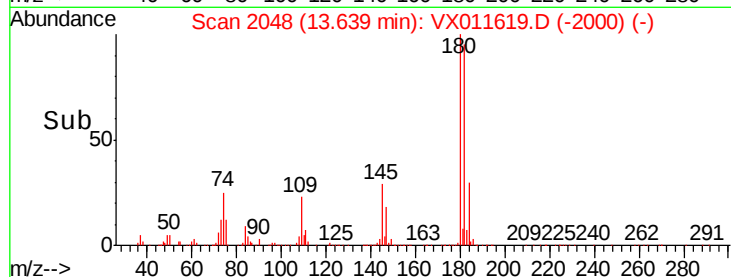
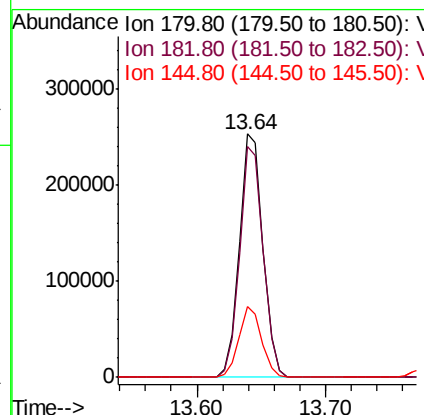
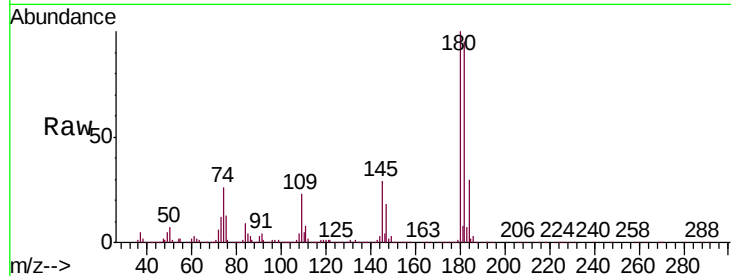
#93
 1,2,4-Trichlorobenzene
 Concen: 49.043 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	321266		
182	94.8	47.3	142.0	
145	28.2	13.6	40.8	

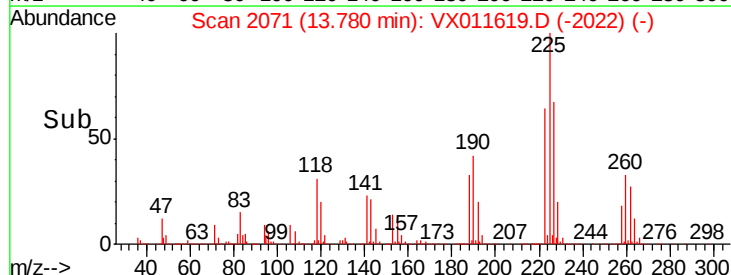
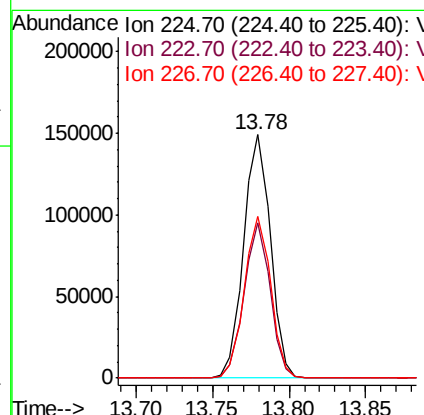
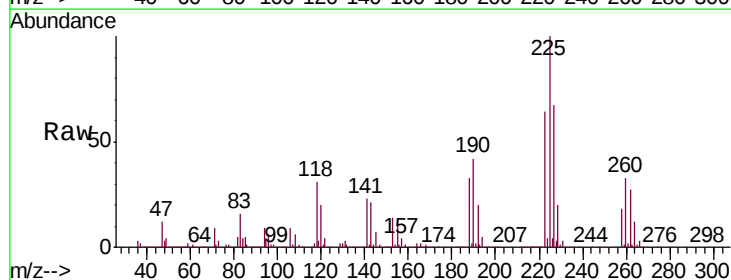
Manual Integrations
 APPROVED

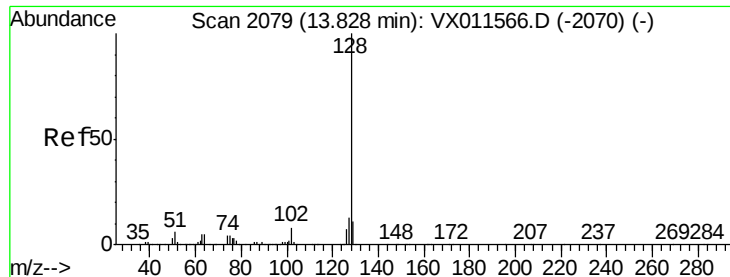
MMDadoda
 8/20/2019 3:41:11 PM



#94
 Hexachlorobutadiene
 Concen: 50.782 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011619.D
 Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181137		
223	61.9	31.4	94.0	
227	65.4	31.2	93.6	





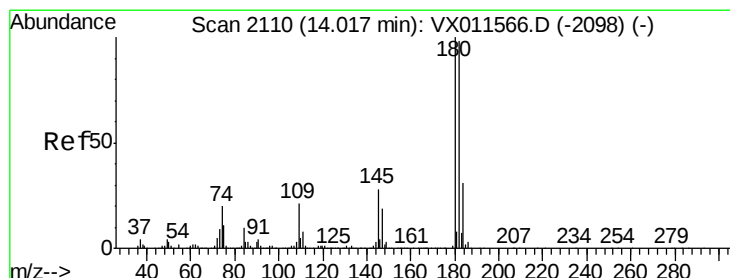
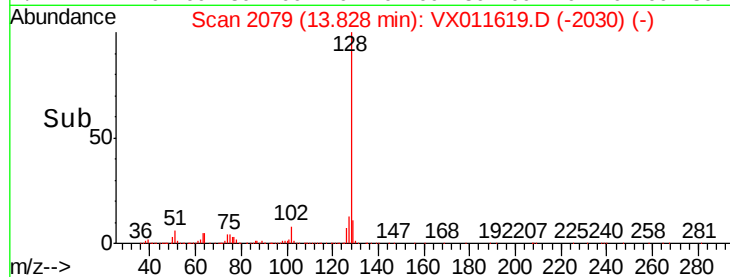
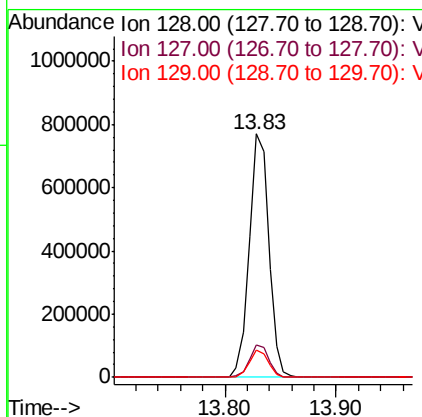
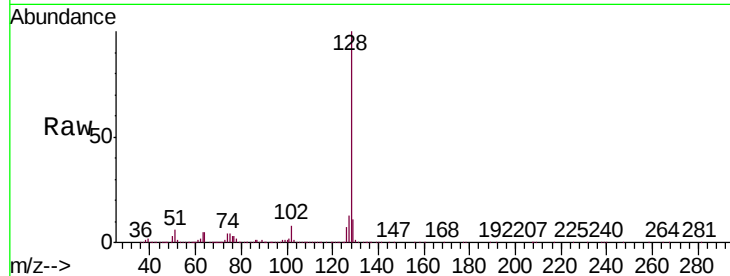
#95
Naphthalene
Concen: 50.898 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	942569		
127	13.1	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
8/20/2019 3:41:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.848 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011619.D
Acq: 19 Aug 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	329355		
182	94.8	48.0	144.0	
145	30.1	14.6	43.8	

