

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011596.D
 Acq On : 16 Aug 2019 21:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:23 AM

Quant Time: Aug 19 03:47:49 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	386080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265237	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	162666	45.43	ug/l	0.00
Spiked Amount						
			Recovery	=	90.86%	
35) Dibromofluoromethane	5.49	113	155640	44.86	ug/l	0.00
Spiked Amount						
			Recovery	=	89.72%	
50) Toluene-d8	8.71	98	497113	45.98	ug/l	0.00
Spiked Amount						
			Recovery	=	91.96%	
62) 4-Bromofluorobenzene	11.13	95	211225	46.29	ug/l	0.00
Spiked Amount						
			Recovery	=	92.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	200108	52.730	ug/l	99
3) Chloromethane	1.32	50	170686	43.304	ug/l	100
4) Vinyl Chloride	1.40	62	173168	48.635	ug/l	100
5) Bromomethane	1.63	94	79399	49.768	ug/l	99
6) Chloroethane	1.71	64	84823	50.335	ug/l	100
7) Trichlorofluoromethane	1.92	101	244964	49.671	ug/l	97
8) Diethyl Ether	2.18	74	82154	48.562	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	160120	47.006	ug/l	98
10) Methyl Iodide	2.50	142	230002	47.398	ug/l	99
11) Tert butyl alcohol	3.04	59	216736	246.748	ug/l	99
12) 1,1-Dichloroethene	2.37	96	154514	46.937	ug/l	97
13) Acrolein	2.29	56	60835	226.302	ug/l	96
14) Allyl chloride	2.72	41	271038	49.495	ug/l	99
15) Acrylonitrile	3.14	53	498496	247.967	ug/l	100
16) Acetone	2.43	43	421660	234.219	ug/l	99
17) Carbon Disulfide	2.56	76	371560	47.900	ug/l	99
18) Methyl Acetate	2.76	43	283676	50.808	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	548432	51.153	ug/l	100
20) Methylene Chloride	2.85	84	176514	46.698	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	169437	48.570	ug/l	99
22) Diisopropyl ether	3.85	45	545521	50.022	ug/l	98
23) Vinyl Acetate	3.81	43	2195547	254.235	ug/l	100
24) 1,1-Dichloroethane	3.69	63	300437	48.725	ug/l	100
25) 2-Butanone	4.67	43	697880	246.924	ug/l	98
26) 2,2-Dichloropropane	4.57	77	209521	45.148	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	199003	48.934	ug/l	99
28) Bromochloromethane	5.01	49	131987	48.762	ug/l	99
29) Tetrahydrofuran	5.12	42	456598	246.282	ug/l	99
30) Chloroform	5.20	83	313966	48.249	ug/l	100
31) Cyclohexane	5.57	56	266155	50.135	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	283200	50.614	ug/l	100
36) 1,1-Dichloropropene	5.79	75	225804	49.785	ug/l	100
37) Ethyl Acetate	4.82	43	260975	50.026	ug/l	100
38) Carbon Tetrachloride	5.78	117	249718	49.973	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	276576	49.378	ug/l	98
40) Benzene	6.13	78	685642	48.645	ug/l	98
41) Methacrylonitrile	5.03	41	146165	50.908	ug/l	100
42) 1,2-Dichloroethane	6.18	62	245599	50.293	ug/l	100
43) Isopropyl Acetate	6.44	43	410650	50.439	ug/l	100
44) Trichloroethene	7.21	130	205836	49.228	ug/l	97
45) 1,2-Dichloropropane	7.51	63	176243	50.138	ug/l	97
46) Dibromomethane	7.66	93	122067	47.787	ug/l	99
47) Bromodichloromethane	7.90	83	231874	49.438	ug/l	97
48) Methyl methacrylate	7.77	41	209160	51.878	ug/l	100
49) 1,4-Dioxane	7.74	88	103940	969.265	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1344673	252.334	ug/l	99
52) Toluene	8.78	92	442884	49.321	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	253402	52.058	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	278317	52.246	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	186840	48.929	ug/l	97
56) Ethyl methacrylate	9.18	69	290869	52.408	ug/l	100
57) 1,3-Dichloropropane	9.37	76	298600	49.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	708406	256.167	ug/l	99
59) 2-Hexanone	9.49	43	1046803	254.732	ug/l	100
60) Dibromochloromethane	9.58	129	208005	52.281	ug/l	98
61) 1,2-Dibromoethane	9.67	107	202351	49.652	ug/l	100
64) Tetrachloroethene	9.34	164	198422	50.295	ug/l	98
65) Chlorobenzene	10.13	112	504411	49.183	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	196241	51.194	ug/l	99
67) Ethyl Benzene	10.25	91	864424	50.504	ug/l	99
68) m/p-Xylenes	10.35	106	668781	101.793	ug/l	98
69) o-Xylene	10.69	106	326096	50.671	ug/l	99
70) Styrene	10.71	104	560214	51.710	ug/l	100
71) Bromoform	10.85	173	172987	46.673	ug/l #	98
73) Isopropylbenzene	11.02	105	876225	50.911	ug/l	100
74) N-amyl acetate	10.90	43	362642	49.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	288452	48.720	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	250434m	49.793	ug/l	
77) Bromobenzene	11.25	156	257358	50.260	ug/l	99
78) n-propylbenzene	11.36	91	955267	51.473	ug/l	100
79) 2-Chlorotoluene	11.42	91	573925	50.363	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	739466	51.147	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84897	46.110	ug/l	99
82) 4-Chlorotoluene	11.51	91	669121	50.611	ug/l	100
83) tert-Butylbenzene	11.77	119	753680	51.184	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	755245	52.034	ug/l	100
85) sec-Butylbenzene	11.94	105	848923	51.099	ug/l	100
86) p-Isopropyltoluene	12.06	119	809936	51.822	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	435297	49.457	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	434816	48.743	ug/l	99
89) n-Butylbenzene	12.38	91	655843	51.041	ug/l	100
90) Hexachloroethane	12.59	117	126008	51.055	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	436029	49.351	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	66371	49.000	ug/l	98

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ClientSampleId :
VSTDCCC050

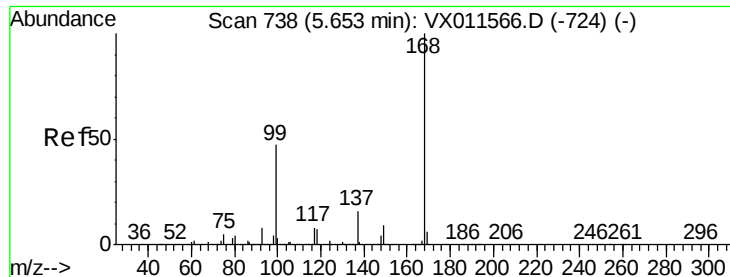
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	333887	50.719	ug/l	99
94) Hexachlorobutadiene	13.78	225	173676	48.450	ug/l	98
95) Naphthalene	13.83	128	978889	52.599	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	340787	51.325	ug/l	99

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



#1

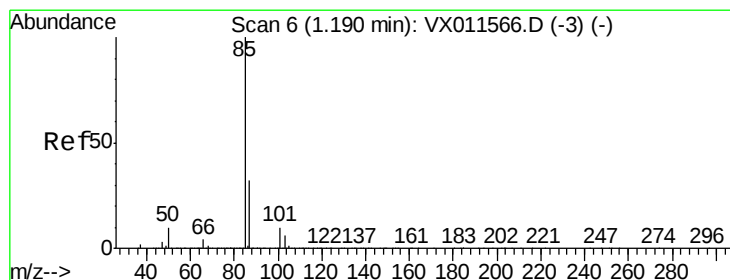
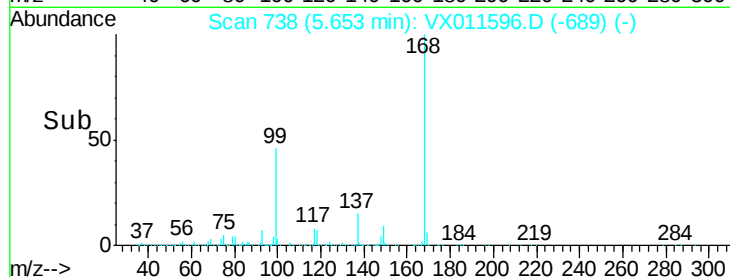
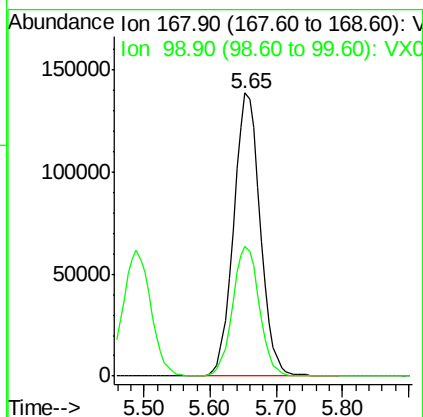
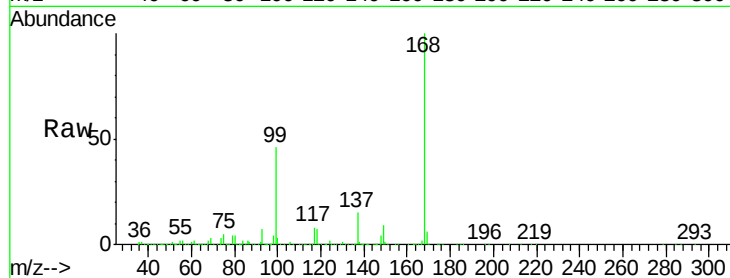
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.6	37.3	55.9

Manual Integrations
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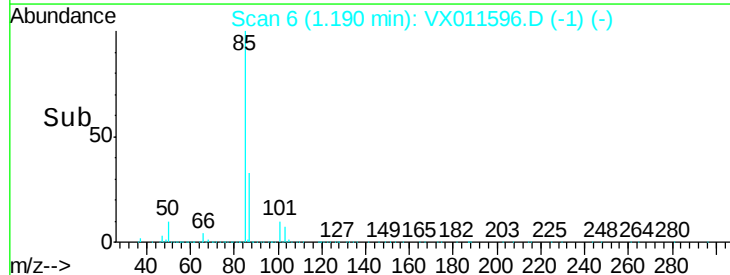
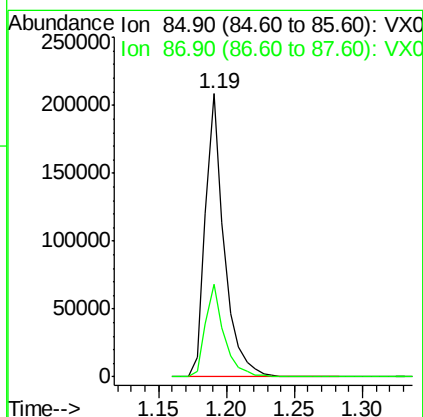
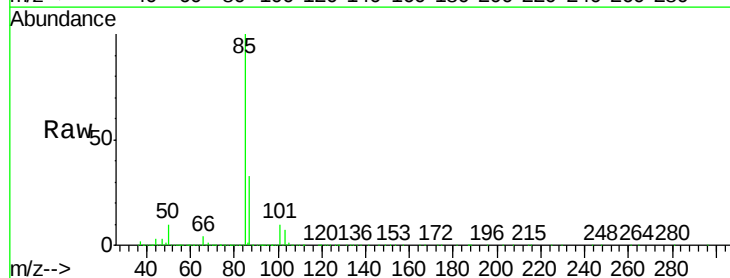
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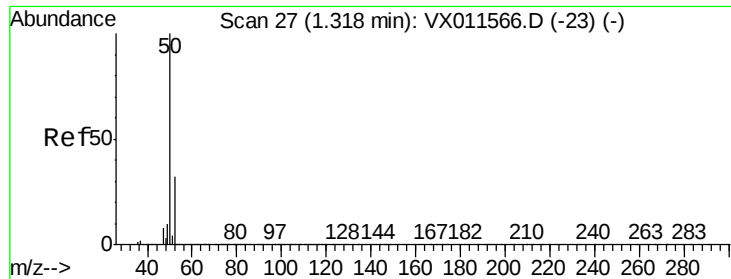


#2

Dichlorodifluoromethane
Concen: 52.730 ug/l
RT: 1.19 min Scan# 6
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.1	48.2





#3

Chloromethane

Concen: 43.304 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 170686

Ion Ratio Lower Upper

50 100

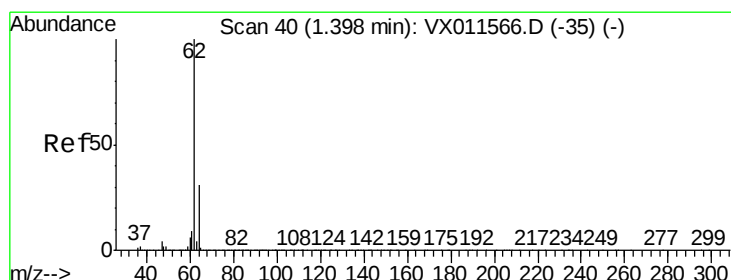
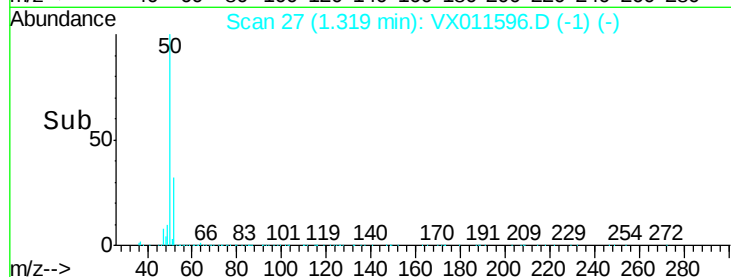
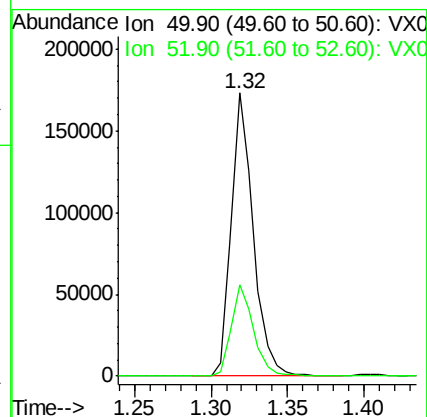
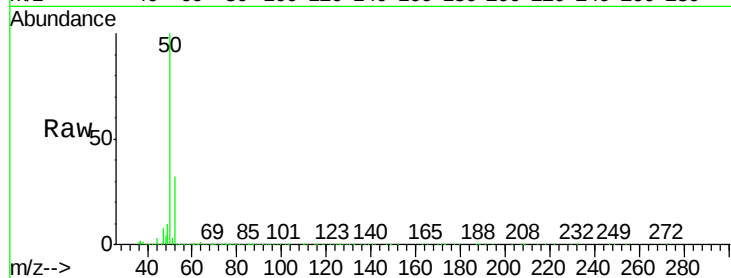
52 32.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.635 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011596.D

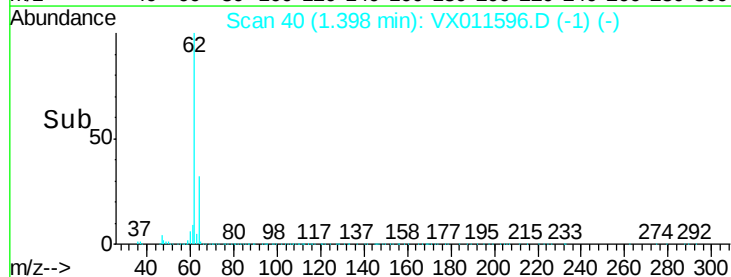
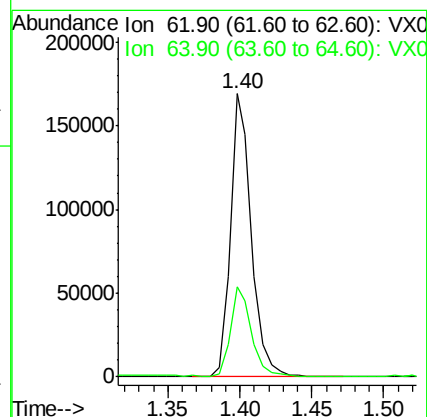
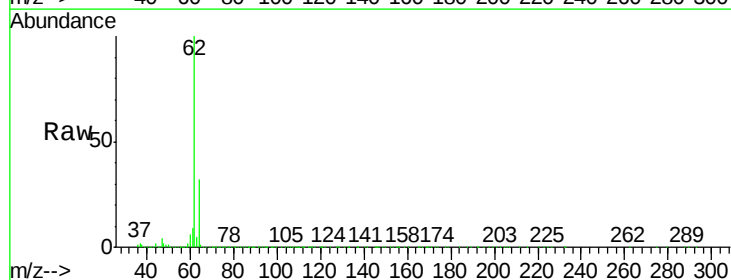
Acq: 16 Aug 2019 21:53

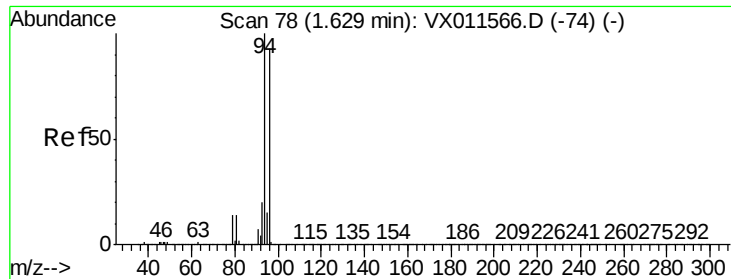
Tgt Ion: 62 Resp: 173168

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 49.768 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 79399

Ion Ratio Lower Upper

94 100

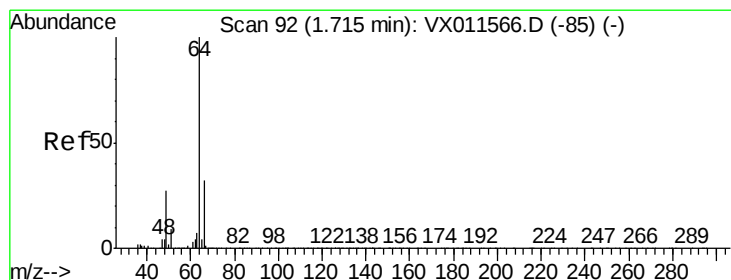
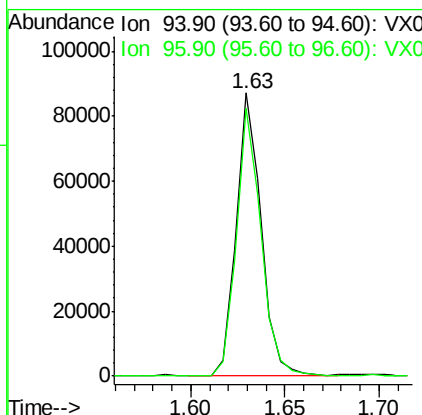
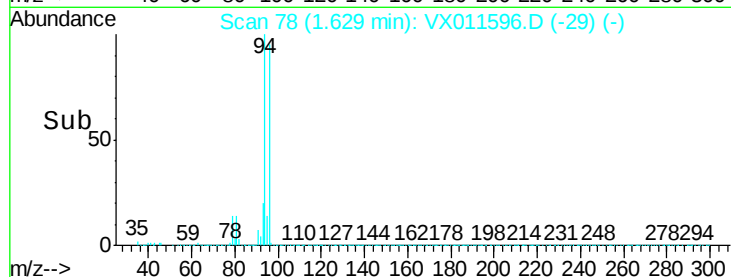
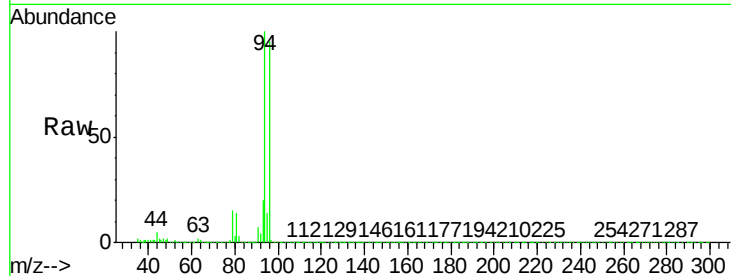
96 94.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 50.335 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011596.D

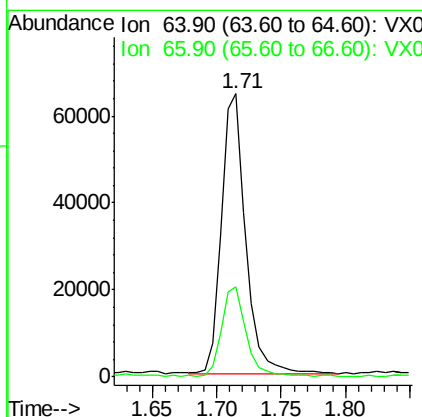
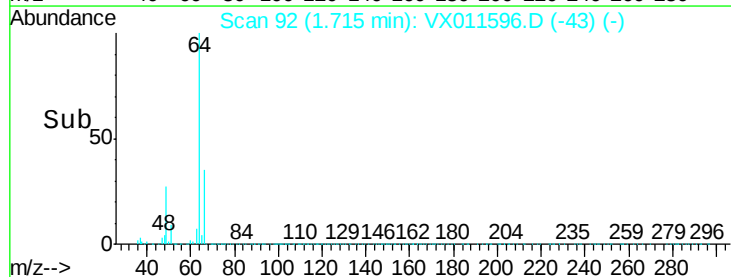
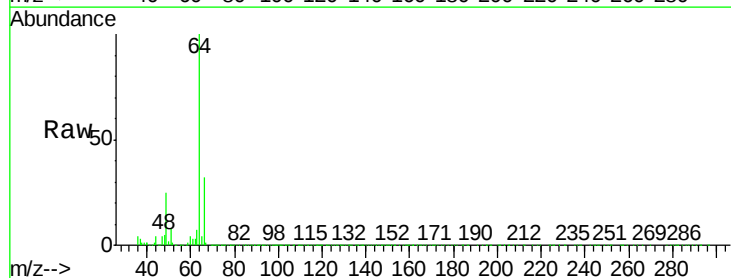
Acq: 16 Aug 2019 21:53

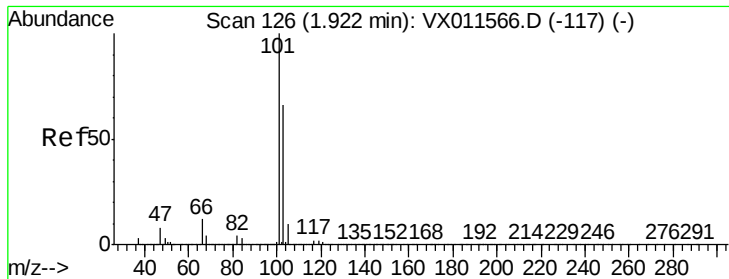
Tgt Ion: 64 Resp: 84823

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9





#7

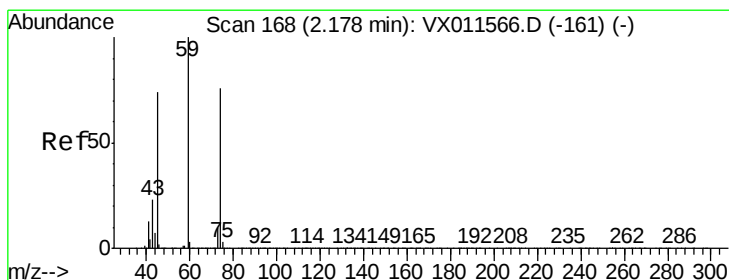
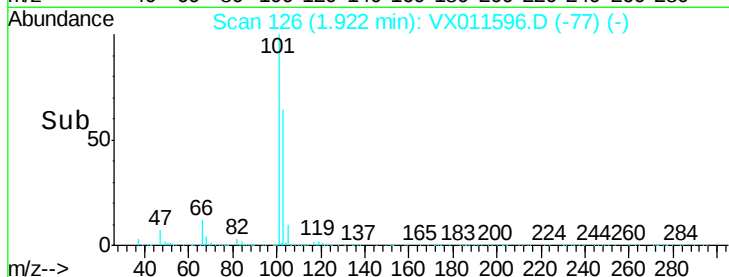
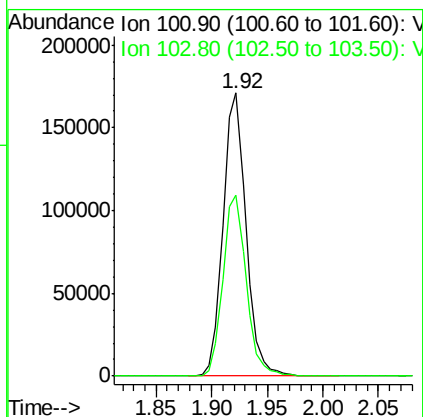
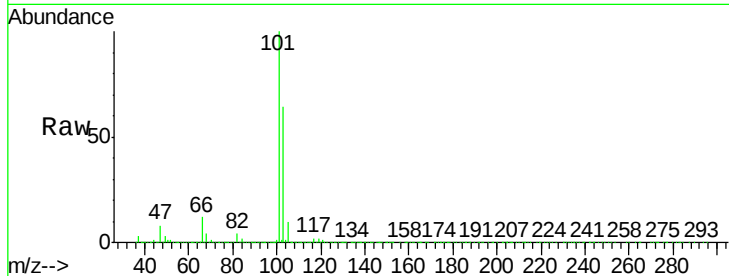
Trichlorofluoromethane
Concen: 49.671 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	244964		
103	63.8	52.9	79.3	

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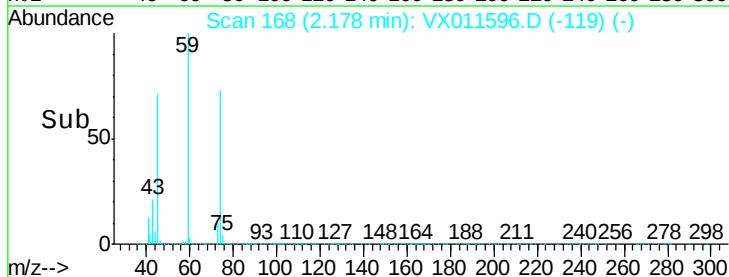
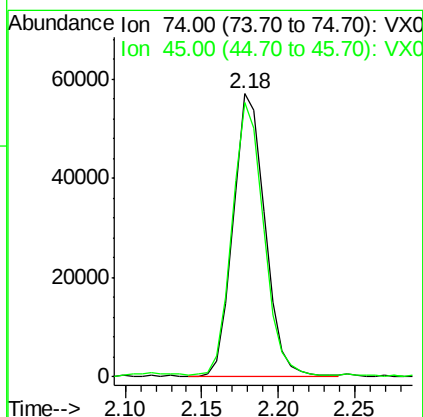
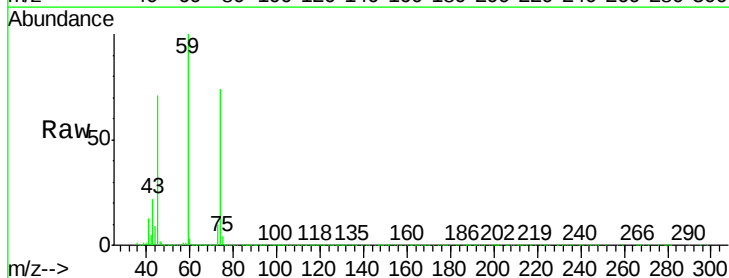
MMDadoda
8/19/2019 10:29:23 AM

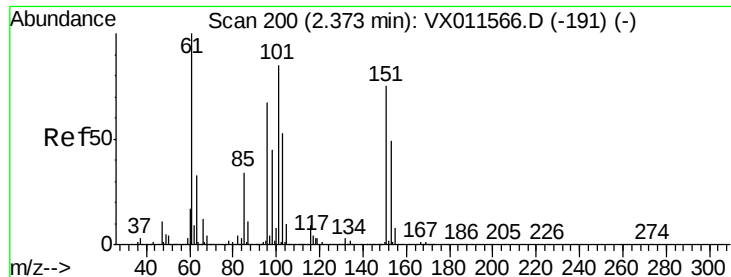


#8

Diethyl Ether
Concen: 48.562 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	82154		
45	95.2	48.2	144.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.006 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

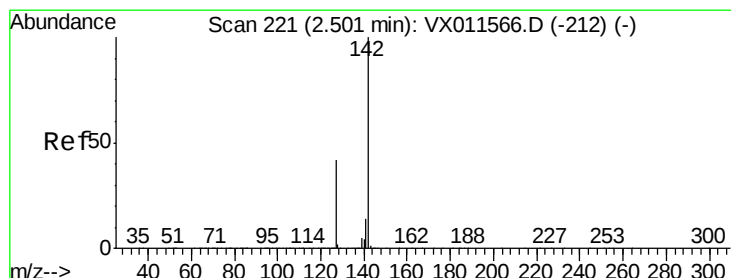
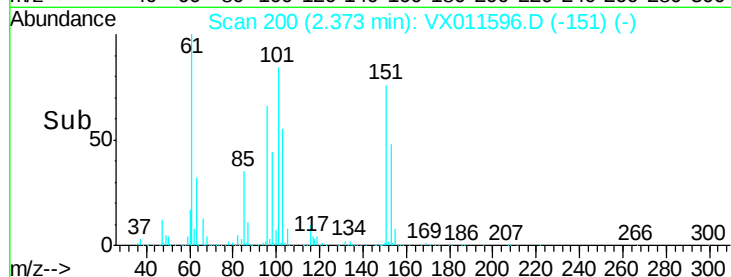
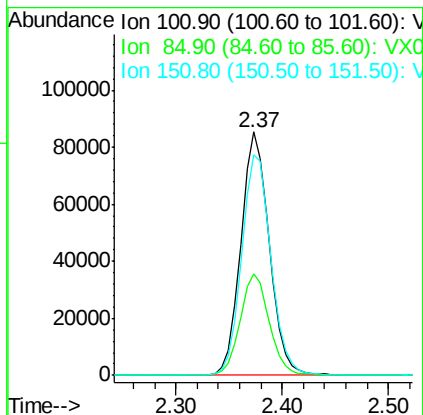
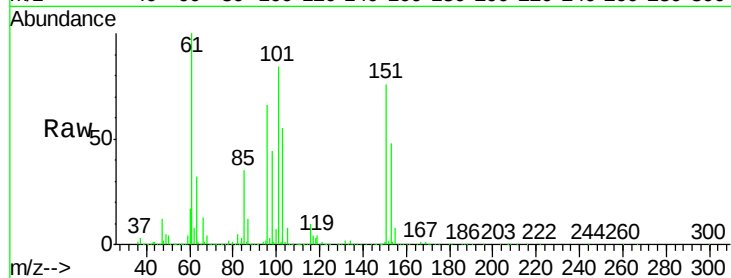
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	160120
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.0	49.4
151	93.2	73.3	109.9

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#10

Methyl Iodide

Concen: 47.398 ug/l

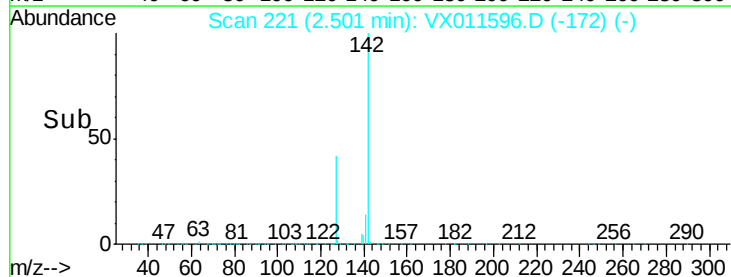
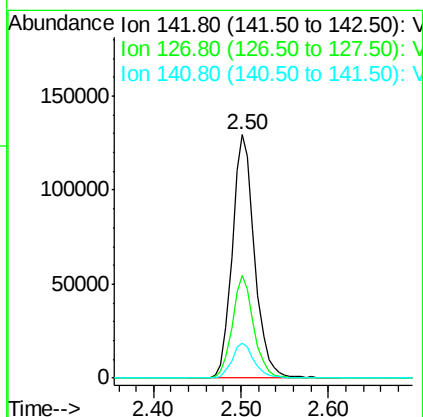
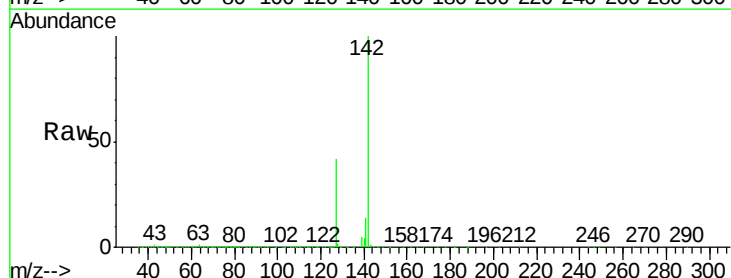
RT: 2.50 min Scan# 221

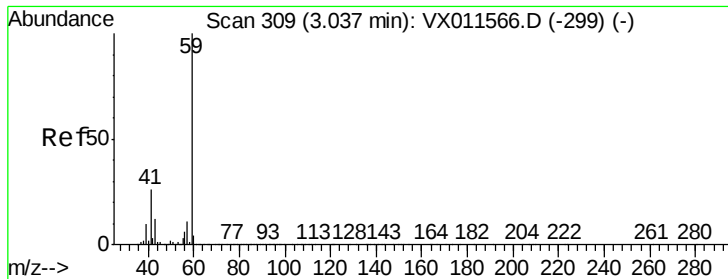
Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	142	Resp:	230002
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.8	49.2
141	14.4	11.4	17.2





#11

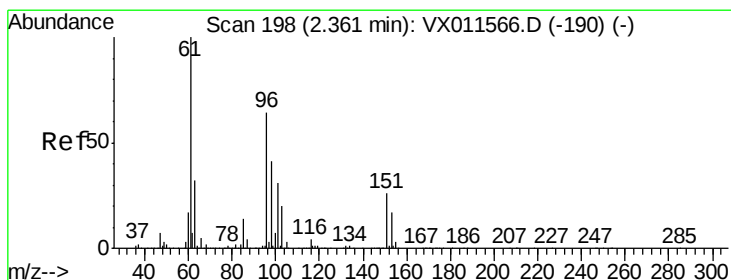
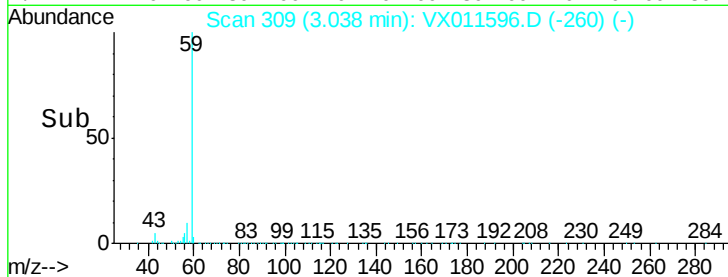
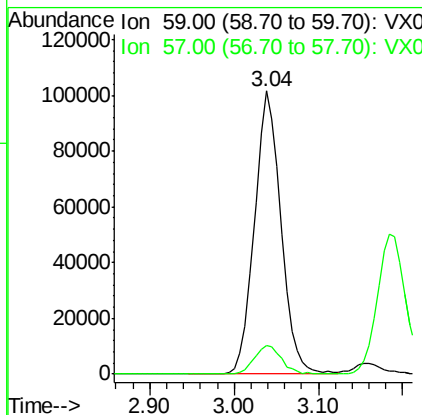
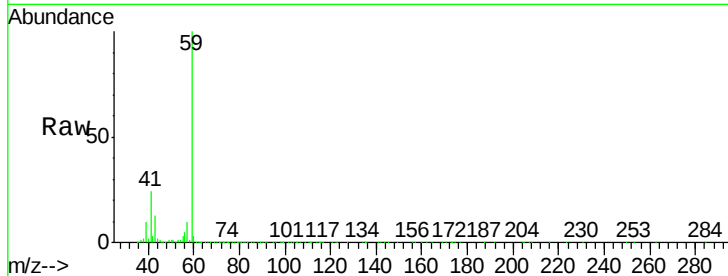
Tert butyl alcohol
Concen: 246.748 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.7	13.1

Manual Integrations
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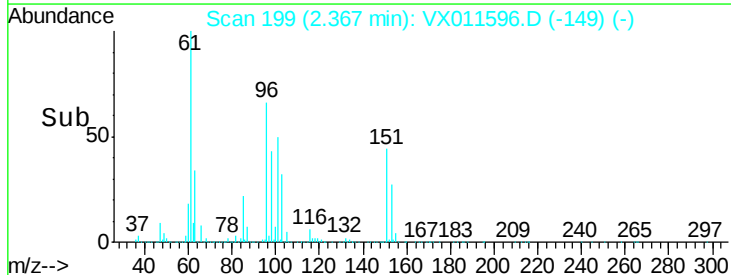
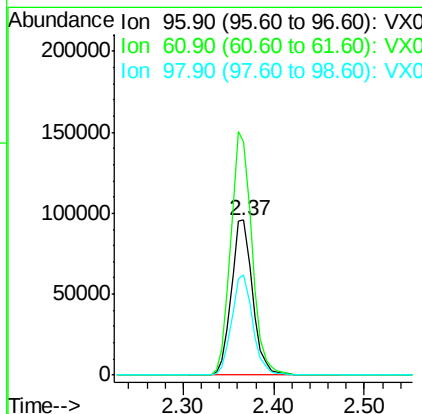
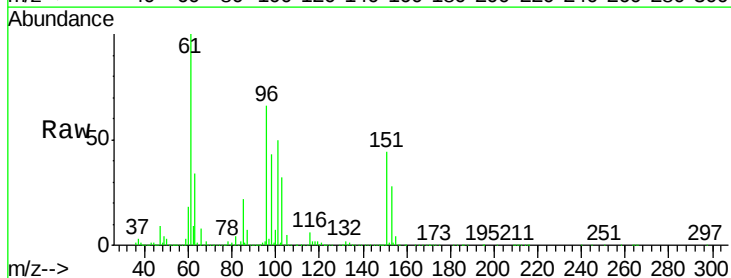
MMDadoda
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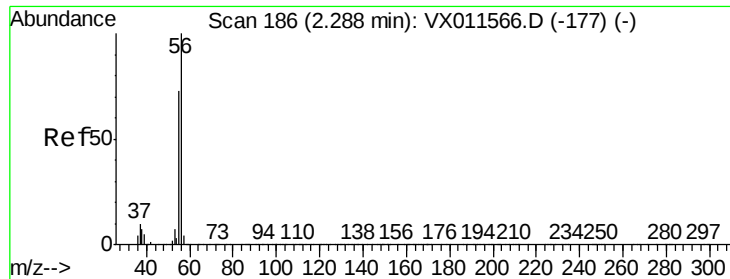


#12

1,1-Dichloroethene
Concen: 46.937 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.9	125.0	187.4
98	64.8	51.5	77.3





#13

Acrolein

Concen: 226.302 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 60835

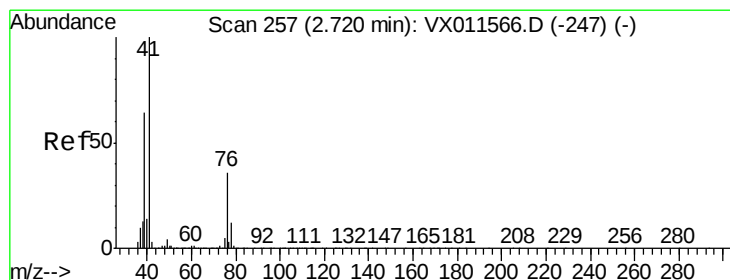
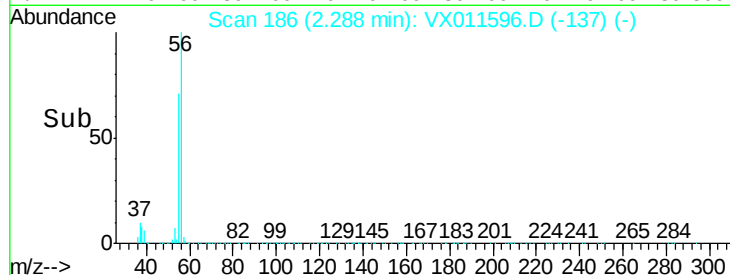
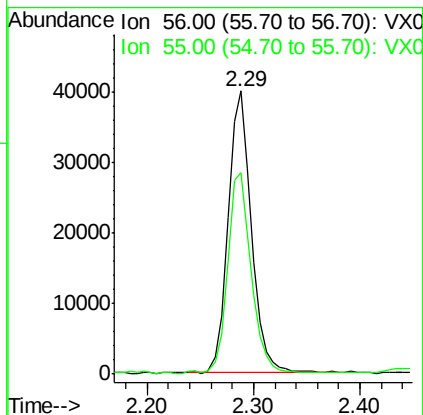
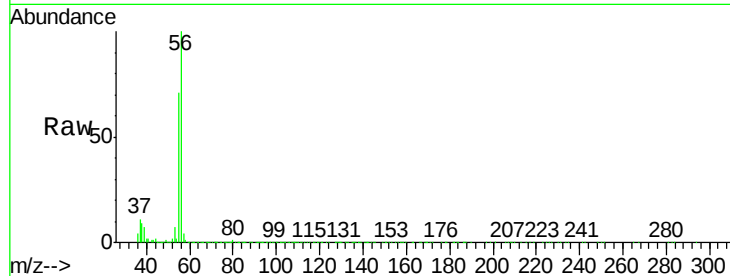
Ion Ratio Lower Upper

56 100

55 72.7 55.5 83.3

Manual Integrations
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#14

Allyl chloride

Concen: 49.495 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

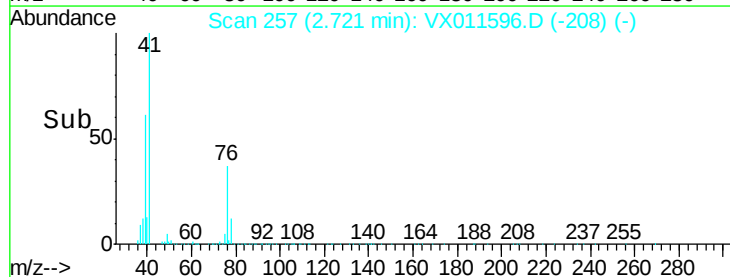
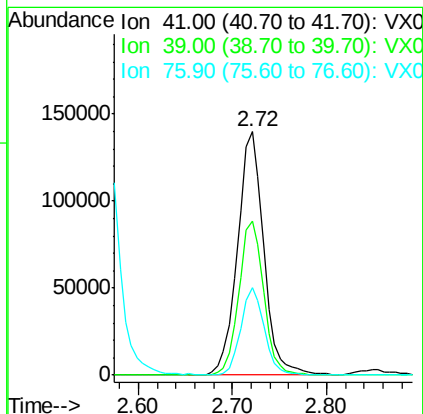
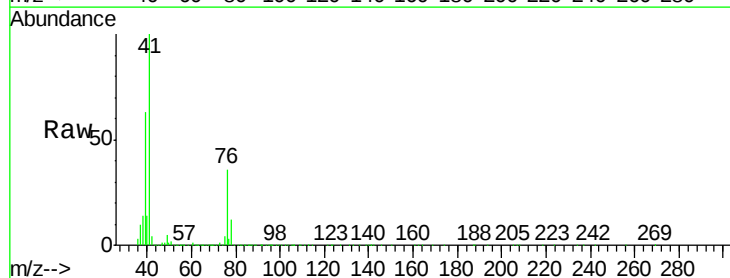
Tgt Ion: 41 Resp: 271038

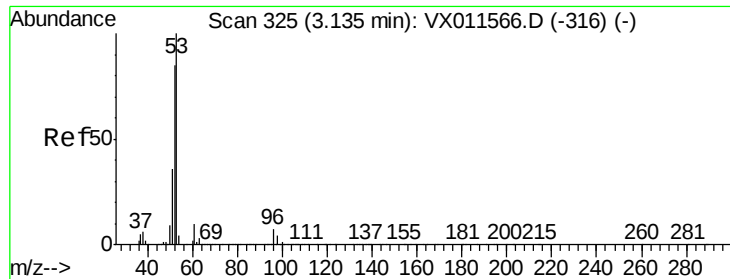
Ion Ratio Lower Upper

41 100

39 59.7 47.5 71.3

76 32.0 26.3 39.5





#15

Acrylonitrile

Concen: 247.967 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

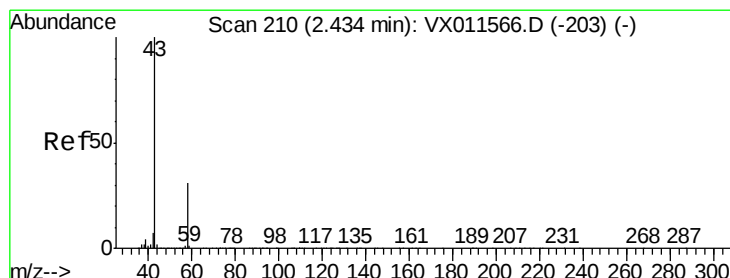
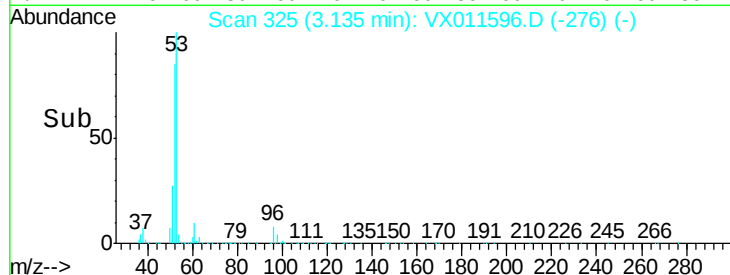
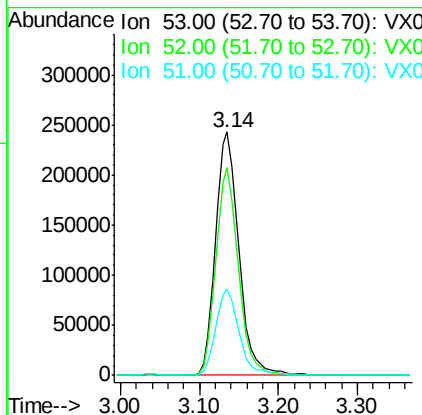
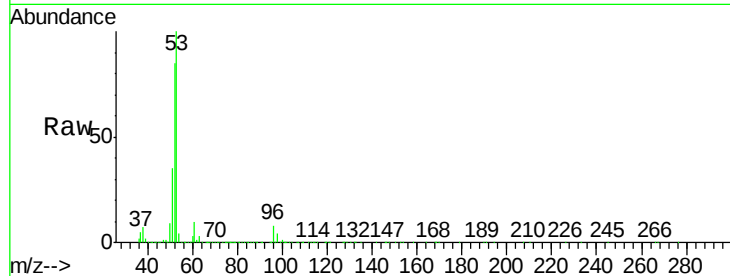
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	498496
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.7	100.1
51	35.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 234.219 ug/l

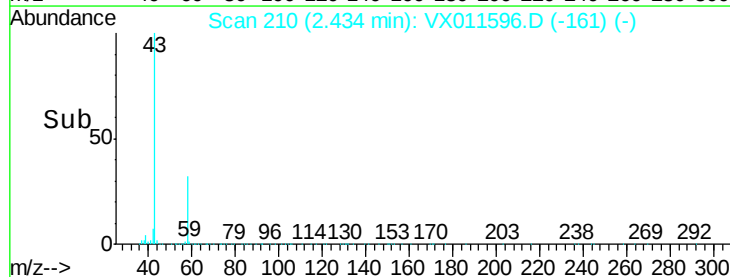
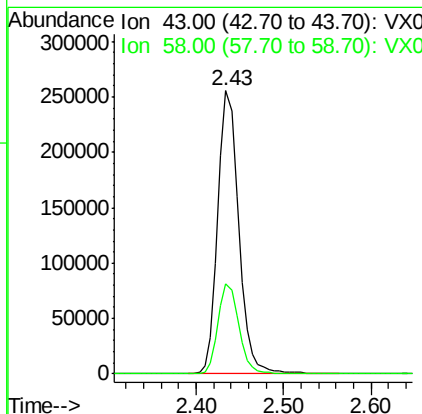
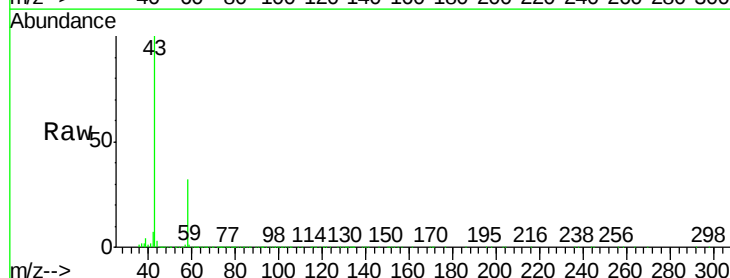
RT: 2.43 min Scan# 210

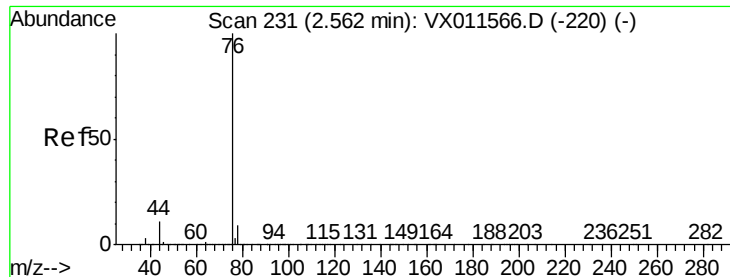
Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	43	Resp:	421660
Ion Ratio		Lower	Upper
43	100		
58	31.8	25.2	37.8





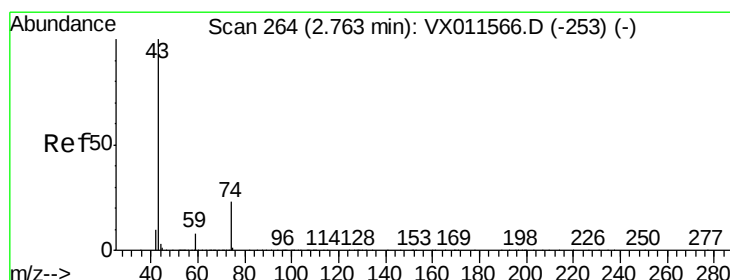
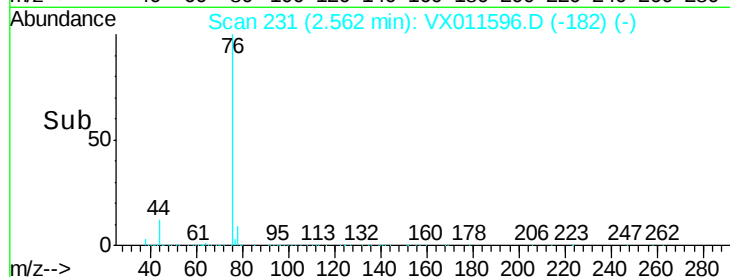
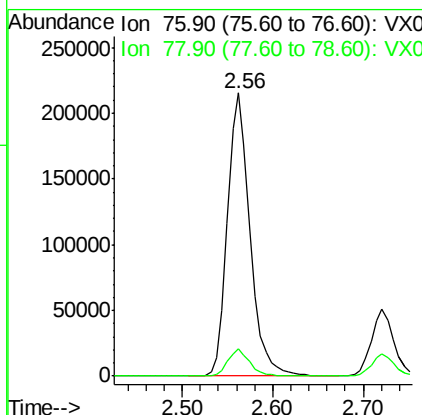
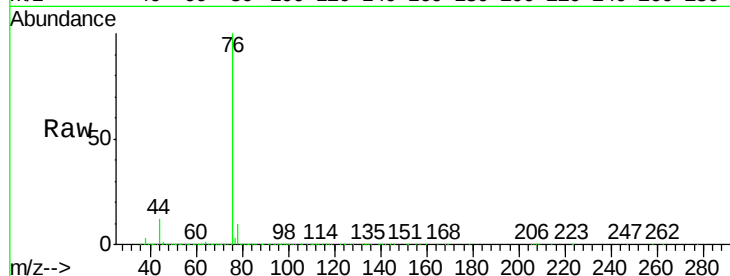
#17
Carbon Disulfide
Concen: 47.900 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

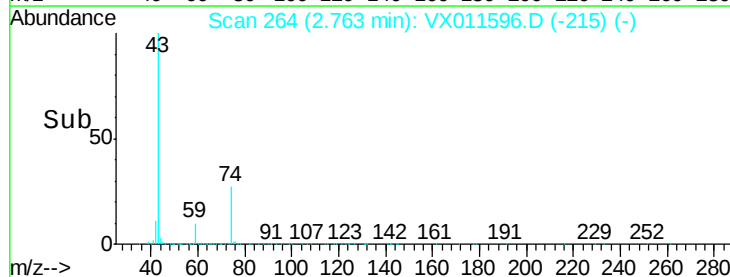
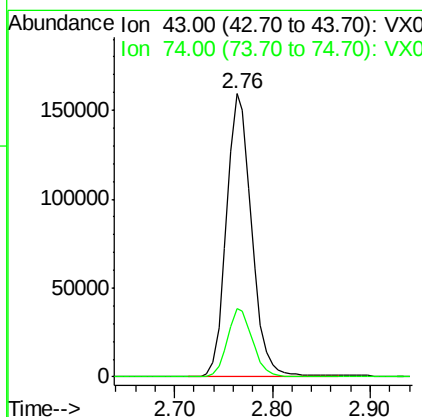
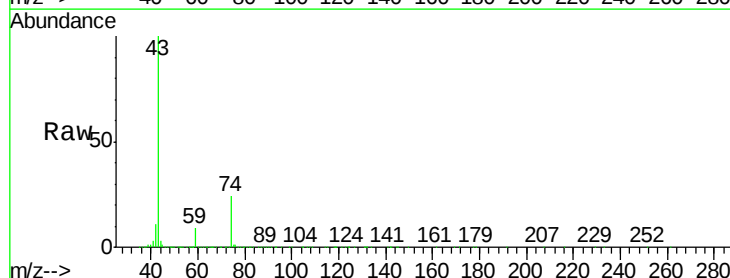
Manual Integrations
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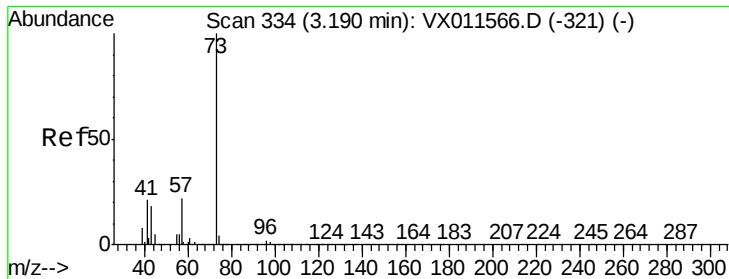
MMDadoda
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#18
Methyl Acetate
Concen: 50.808 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.7	29.5





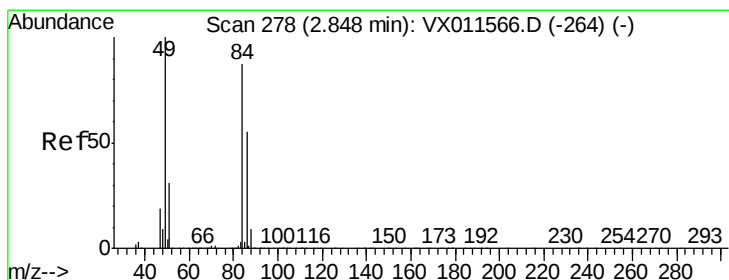
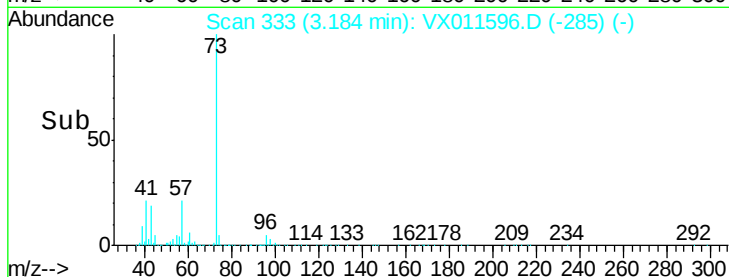
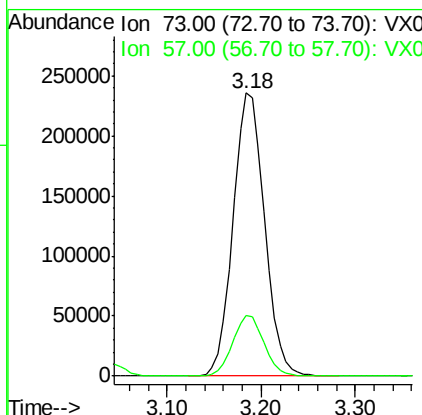
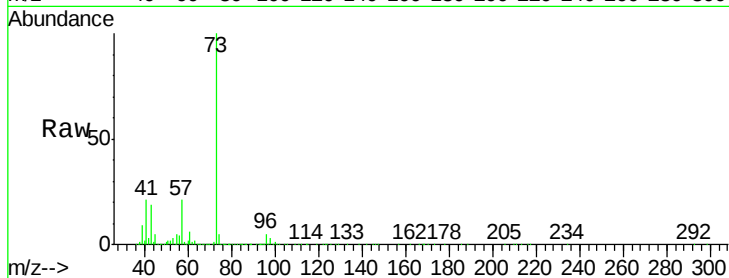
#19
Methvl tert-butvl Ether
Concen: 51.153 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.2	25.8

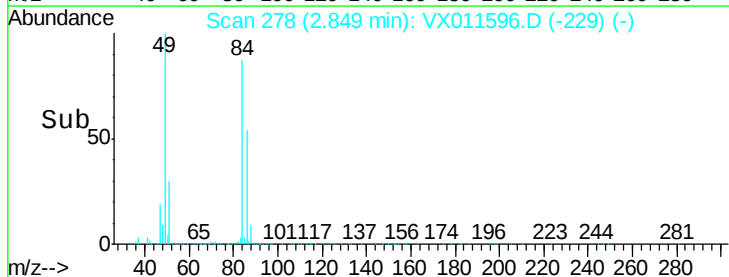
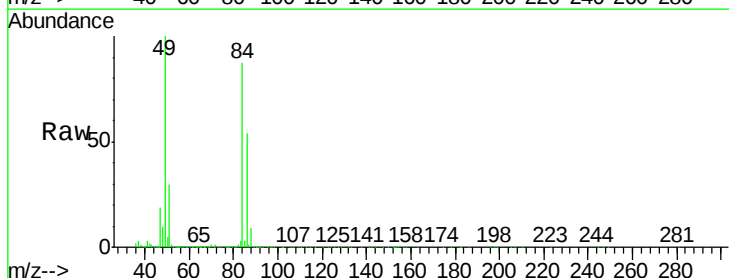
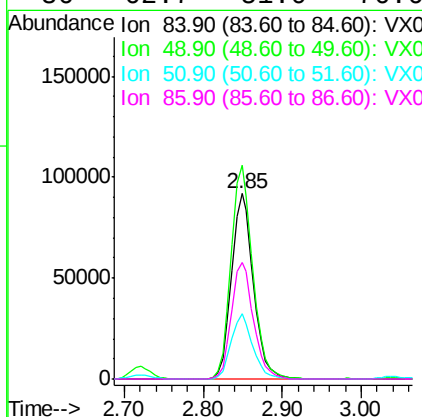
Manual Integrations
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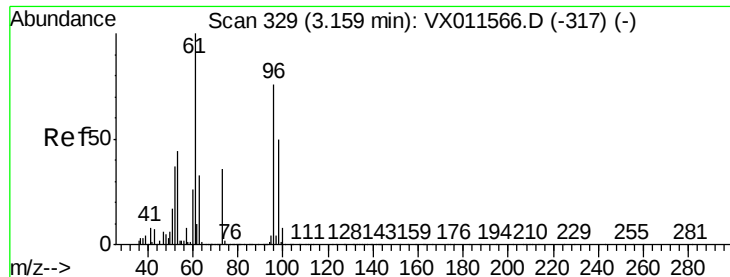
MMDadoda
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#20
Methylene Chloride
Concen: 46.698 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.3	92.4	138.6
51	34.9	28.5	42.7
86	62.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 48.570 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 169437

Ion Ratio Lower Upper

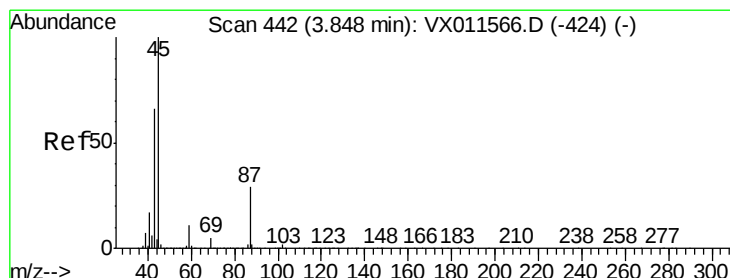
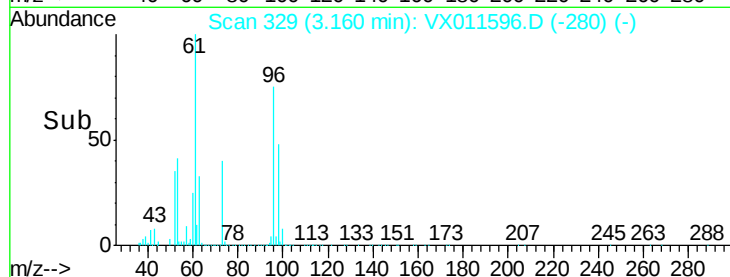
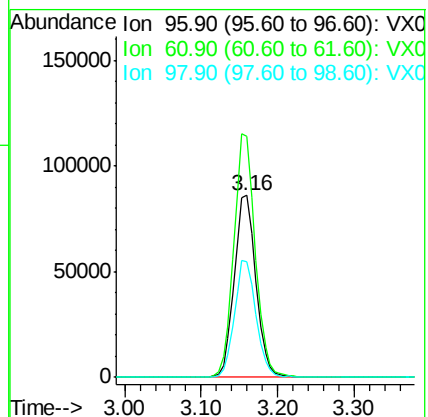
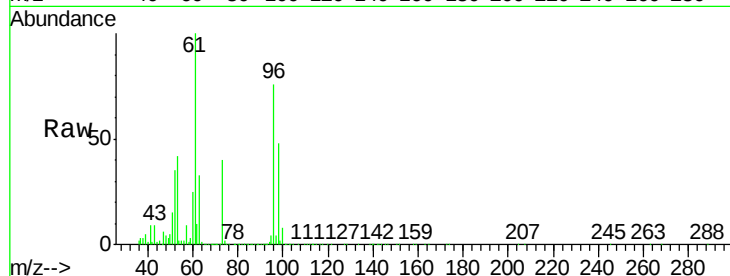
96 100

61 132.2 105.5 158.3

98 63.6 52.6 78.8

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#22

Diisopropyl ether

Concen: 50.022 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Tgt Ion: 45 Resp: 545521

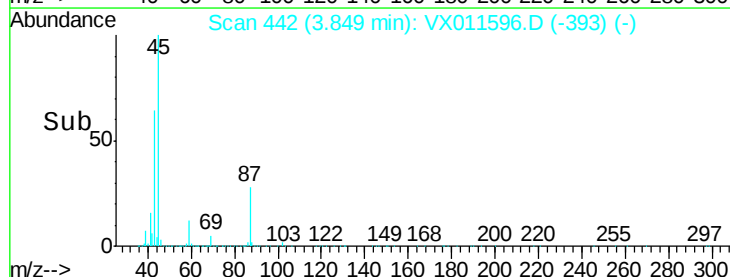
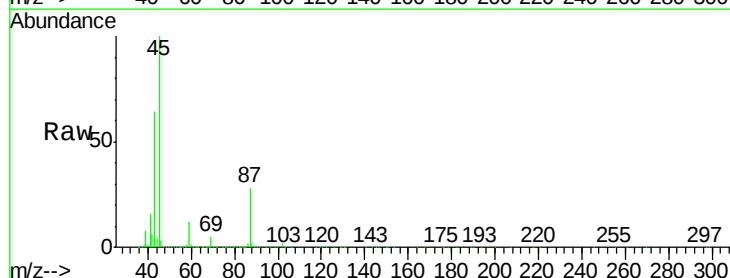
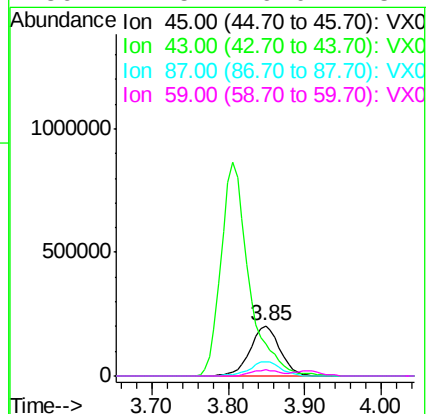
Ion Ratio Lower Upper

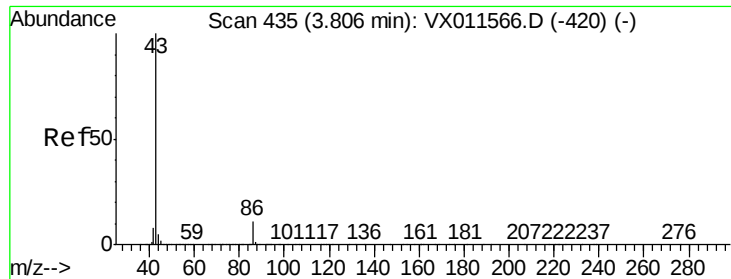
45 100

43 63.9 52.7 79.1

87 28.3 23.5 35.3

59 11.5 9.0 13.4





#23

Vinyl Acetate

Concen: 254.235 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2195547

Ion Ratio Lower Upper

43 100

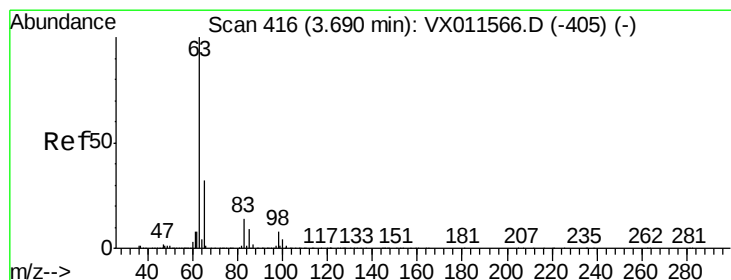
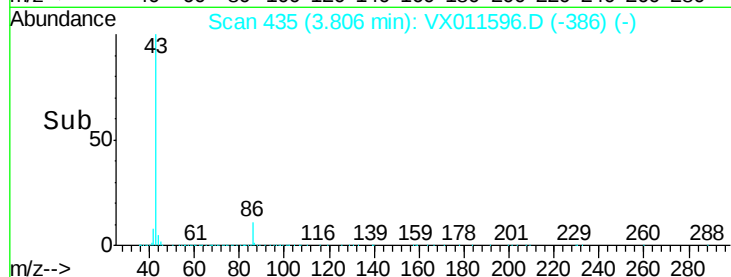
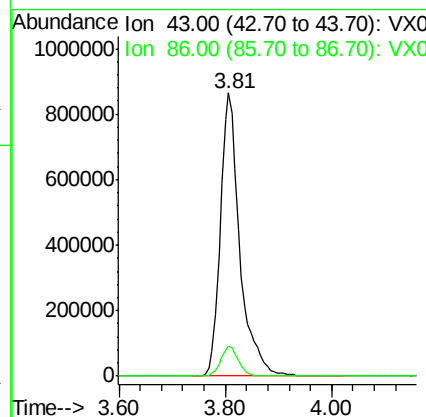
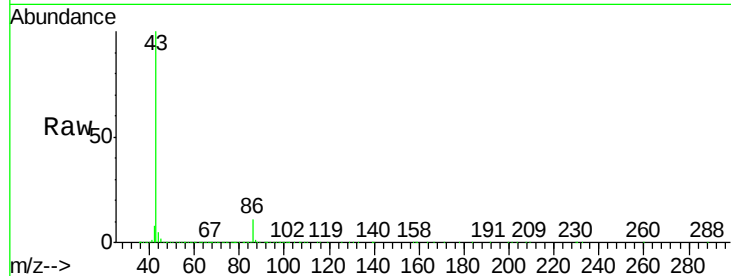
86 10.8 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.725 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

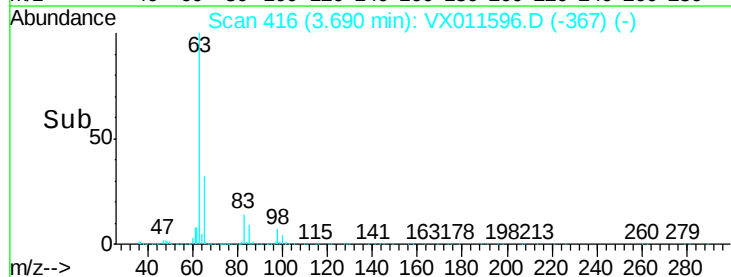
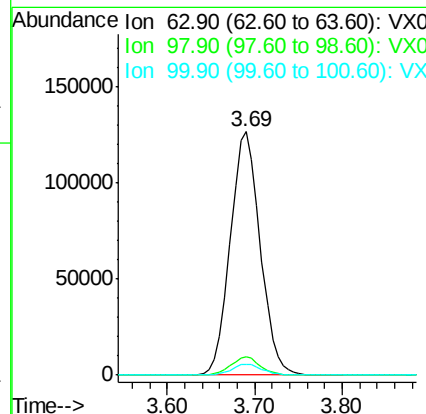
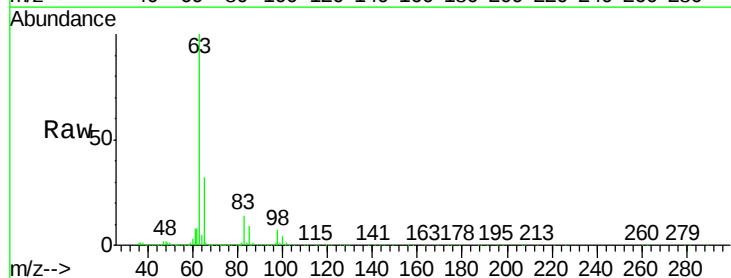
Tgt Ion: 63 Resp: 300437

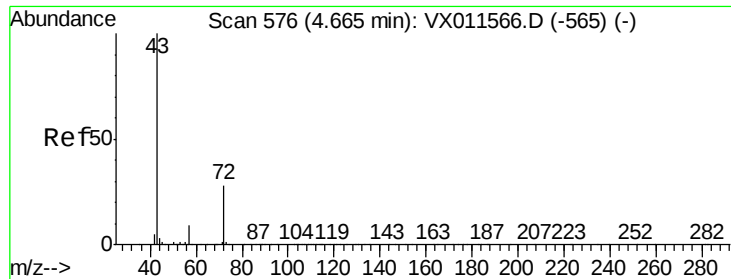
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 246.924 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 697880

Ion Ratio Lower Upper

43 100

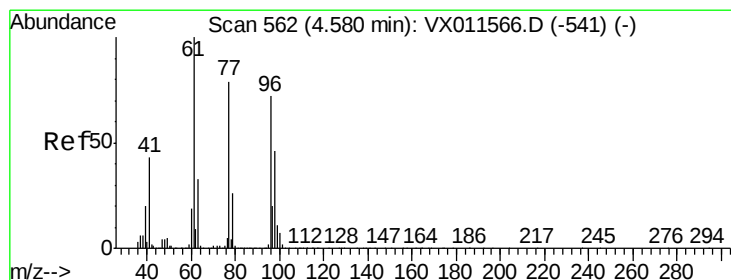
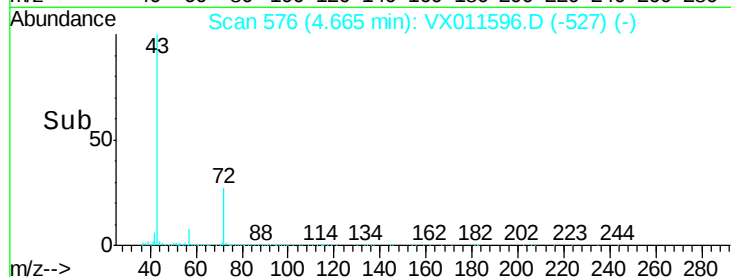
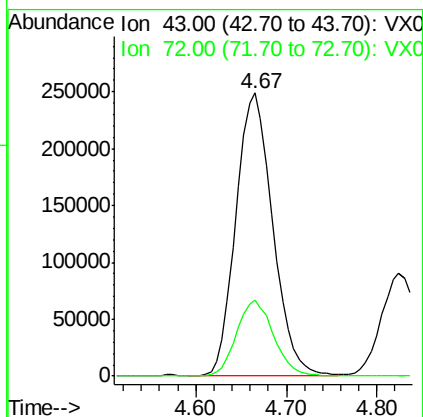
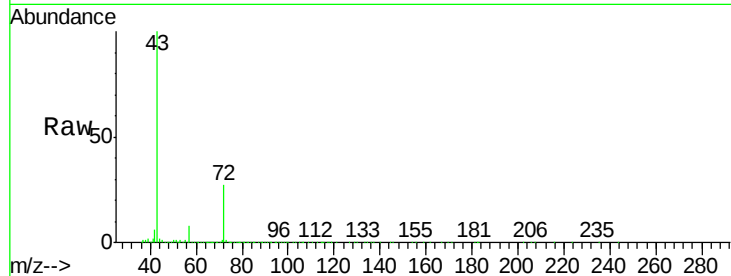
72 26.7 22.2 33.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.148 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011596.D

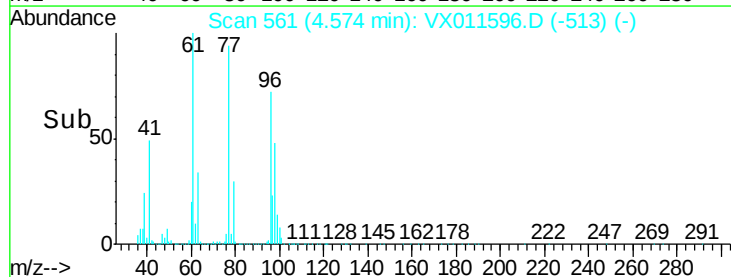
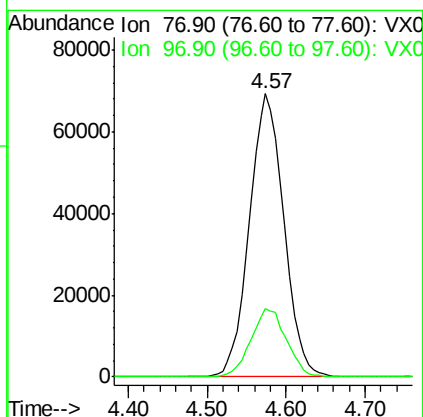
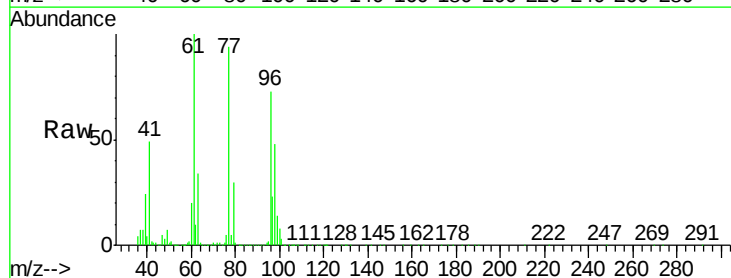
Acq: 16 Aug 2019 21:53

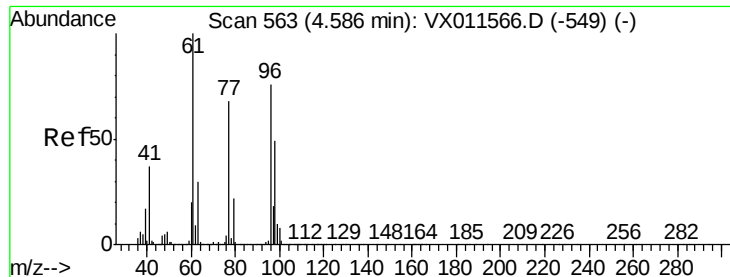
Tgt Ion: 77 Resp: 209521

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.2





#27

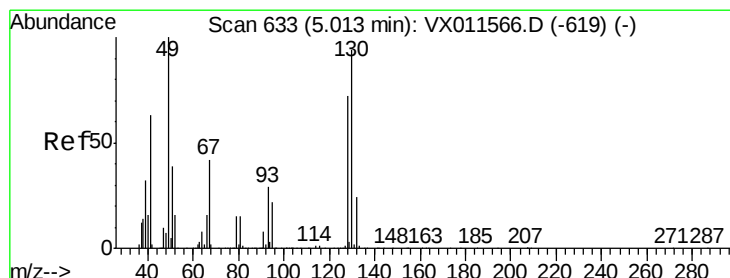
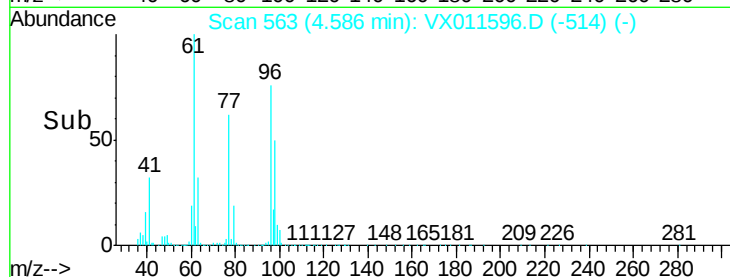
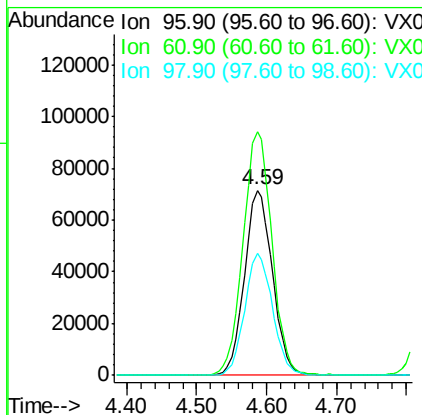
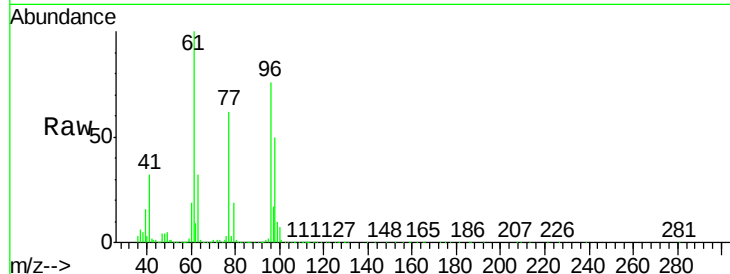
cis-1,2-Dichloroethene
Concen: 48.934 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	272.6
98	65.3	0.0	129.4

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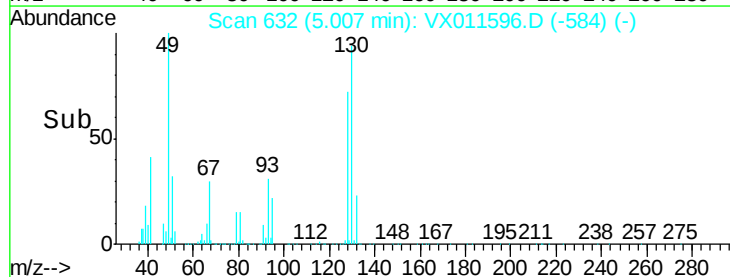
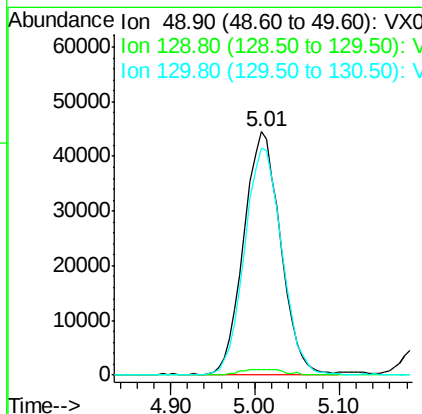
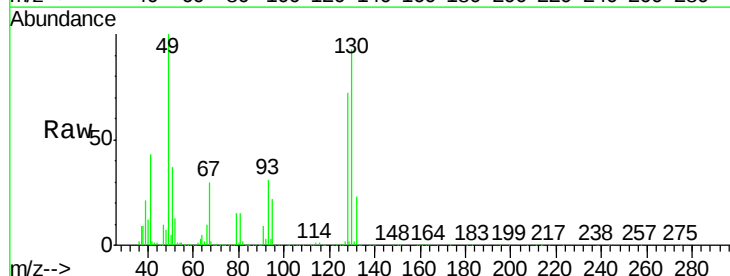
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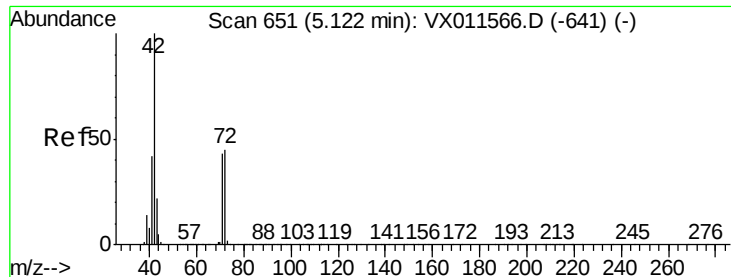


#28

Bromochloromethane
Concen: 48.762 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	95.1	76.6	115.0





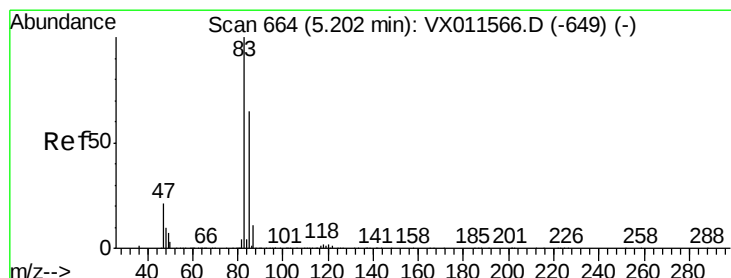
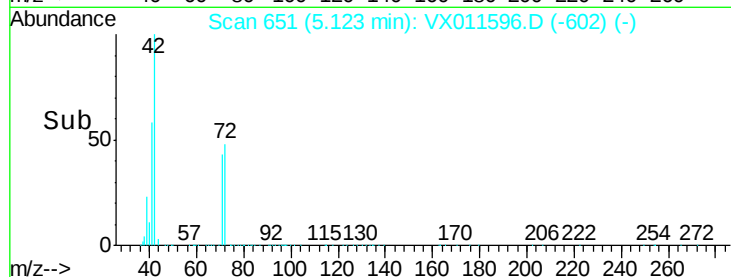
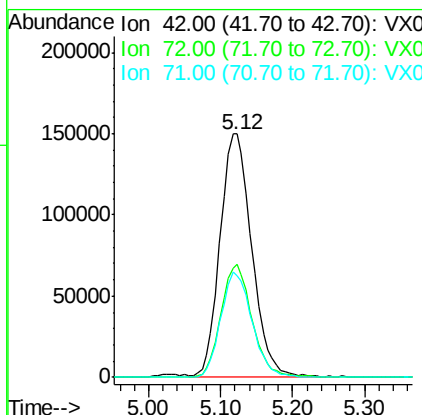
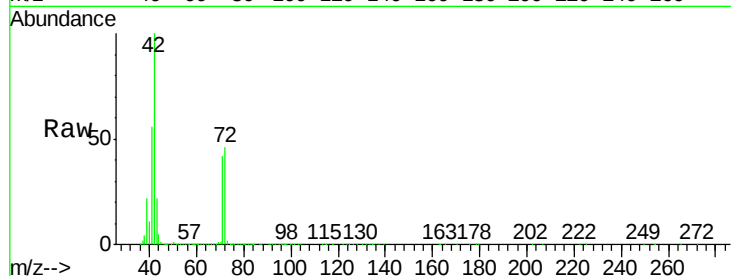
#29
Tetrahydrofuran
Concen: 246.282 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.1	54.1
71	42.9	33.8	50.8

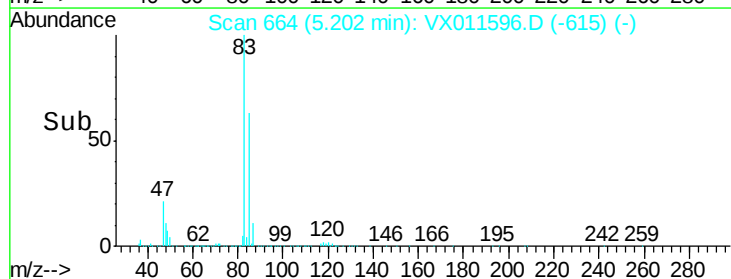
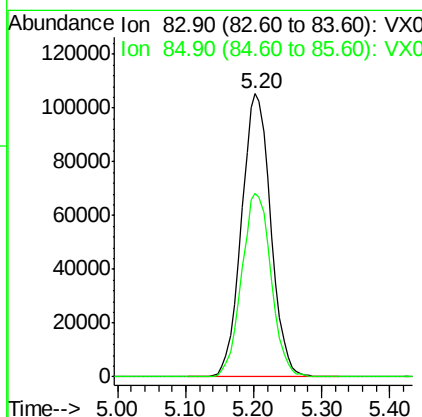
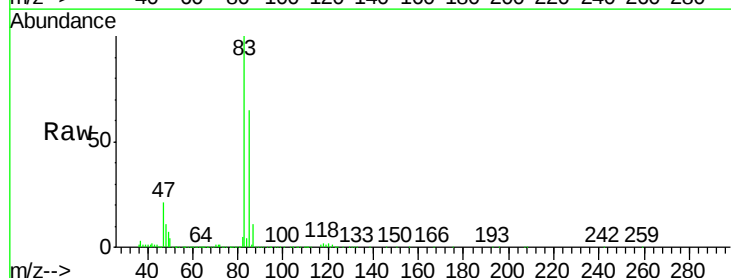
Manual Integrations
APPROVED

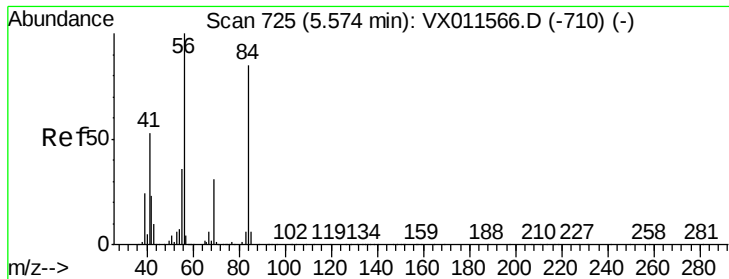
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#30
Chloroform
Concen: 48.249 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





#31

Cyclohexane

Concen: 50.135 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

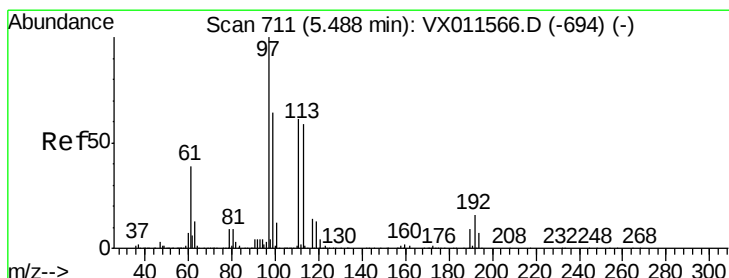
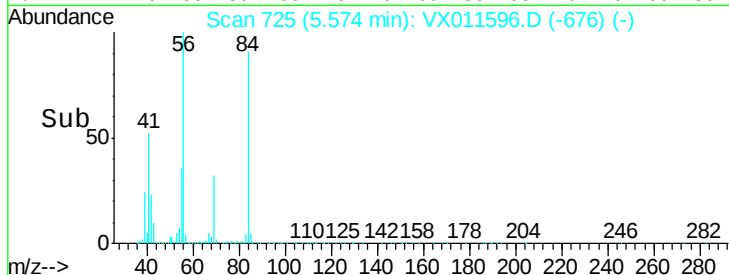
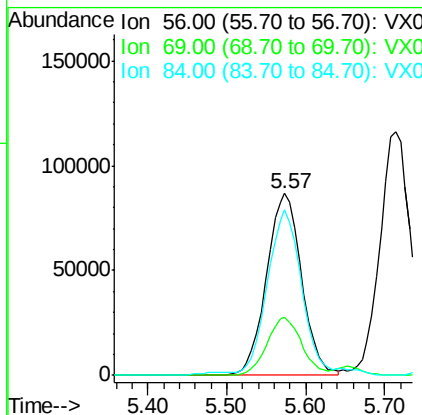
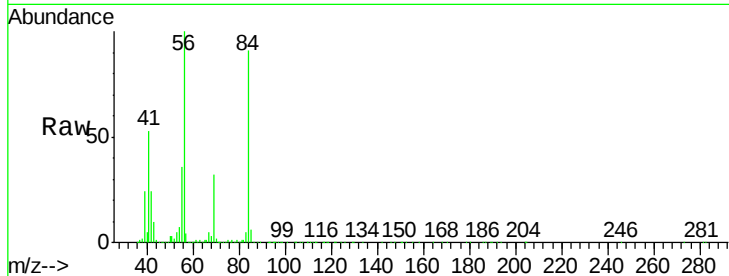
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.9	24.8	37.2	
84	90.8	67.9	101.9	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.614 ug/l

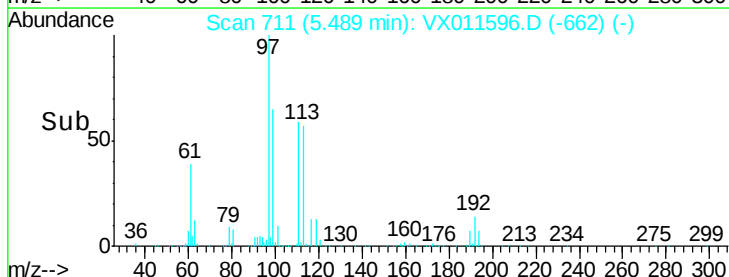
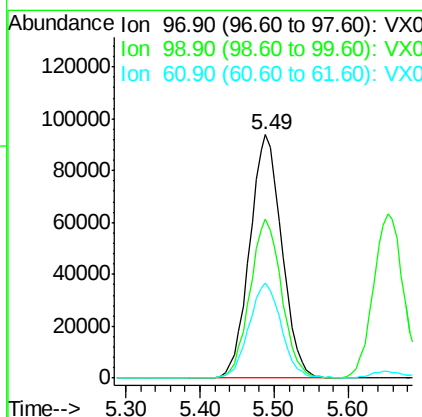
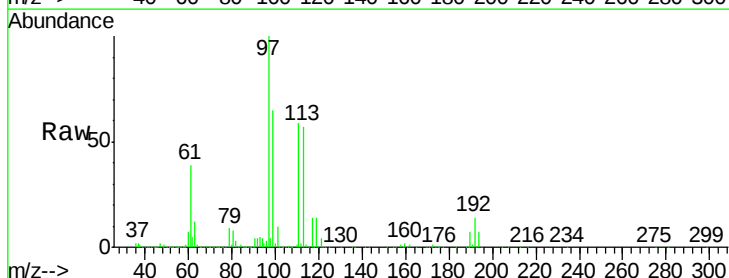
RT: 5.49 min Scan# 711

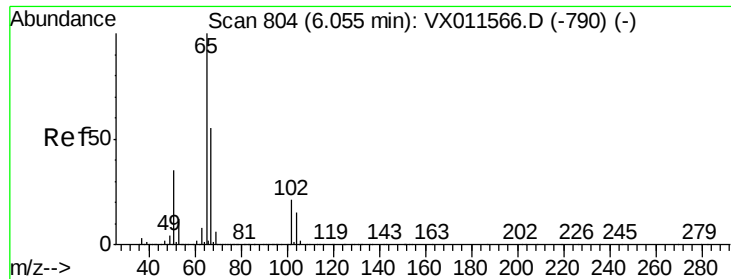
Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	51.4	77.0	
61	39.1	31.4	47.2	





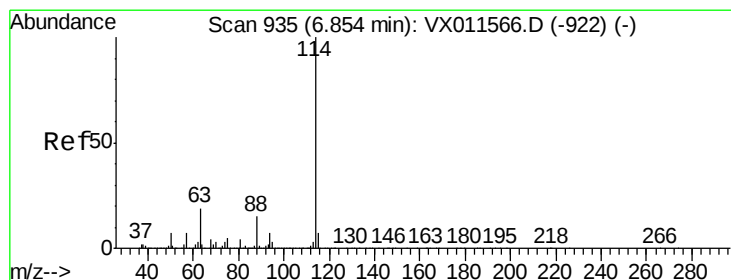
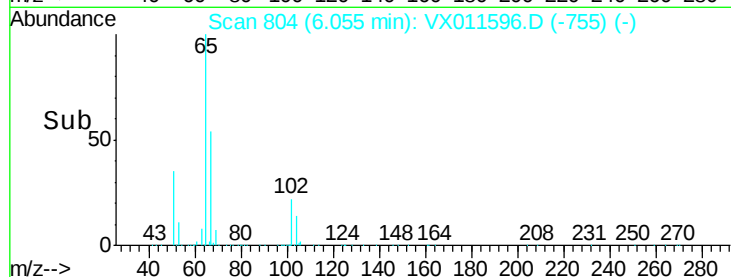
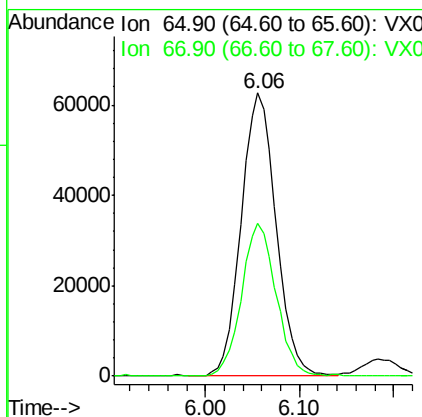
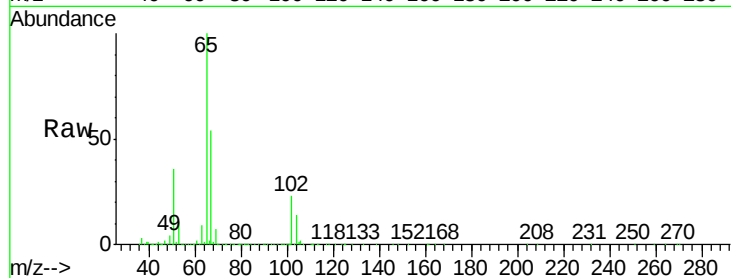
#33
 1,2-Dichloroethane-d4
 Concen: 45.433 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162666		
67	52.9	0.0	107.6	

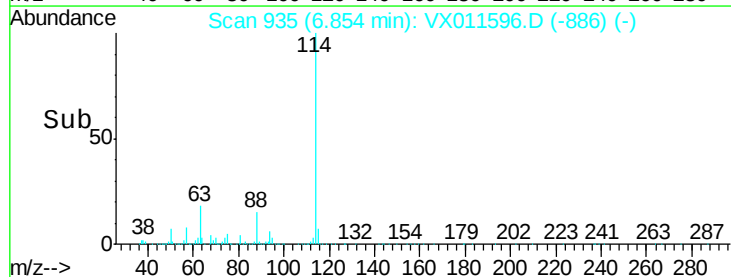
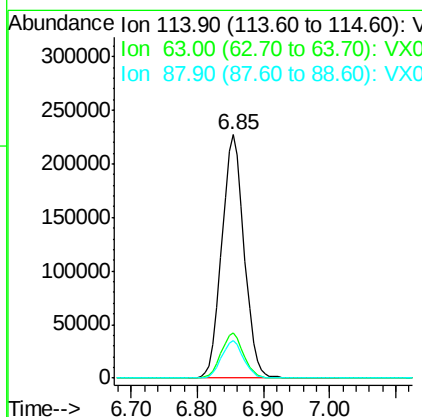
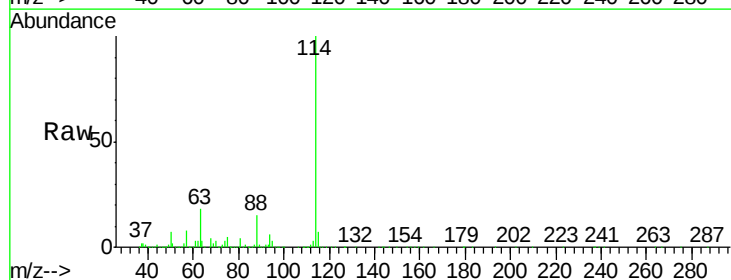
Manual Integrations
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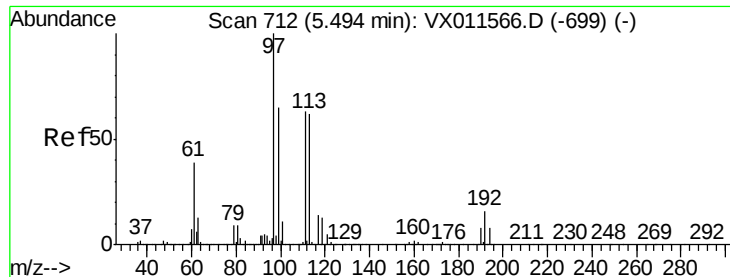
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 8/19/2019 10:29:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	530490		
63	18.3	0.0	37.8	
88	15.4	0.0	30.2	





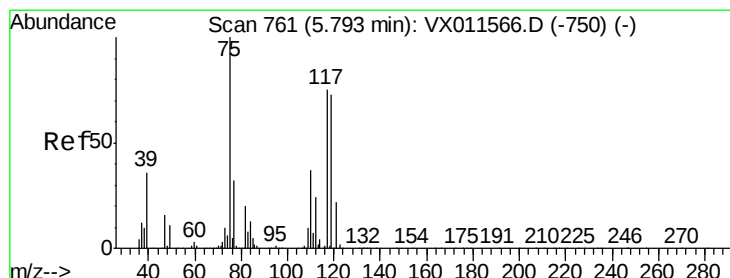
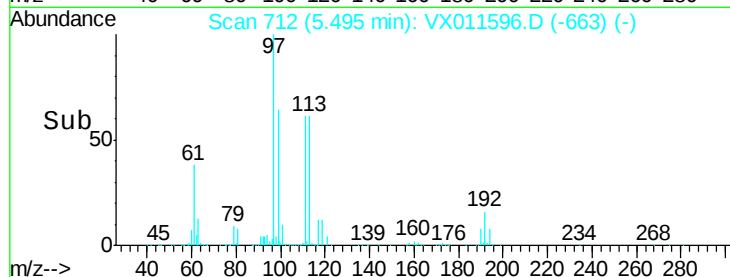
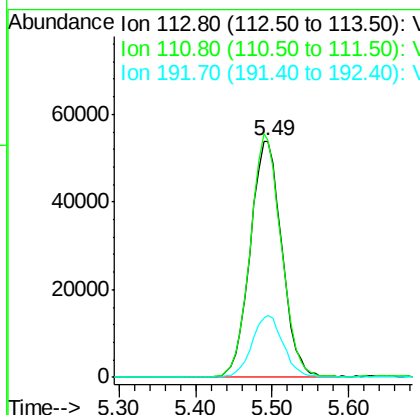
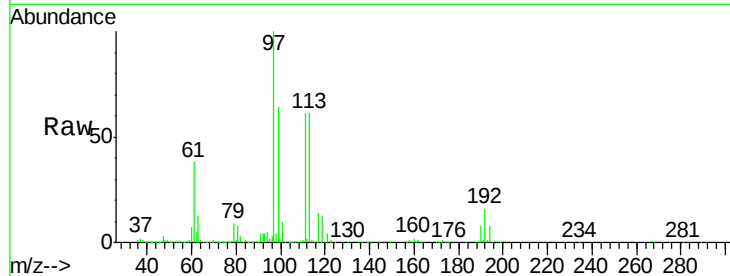
#35
Dibromofluoromethane
Concen: 44.856 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	155640		
111	100.9	81.1	121.7	
192	26.0	20.8	31.2	

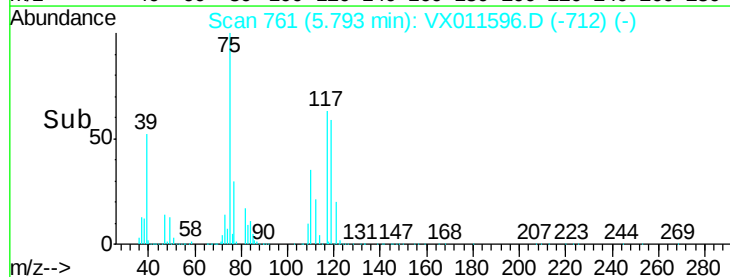
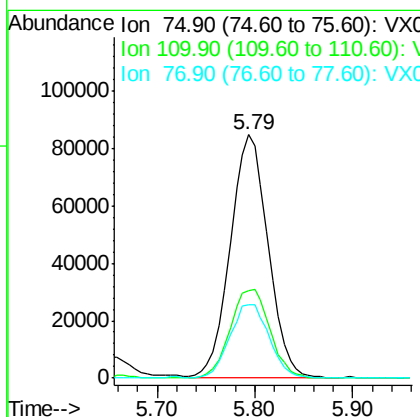
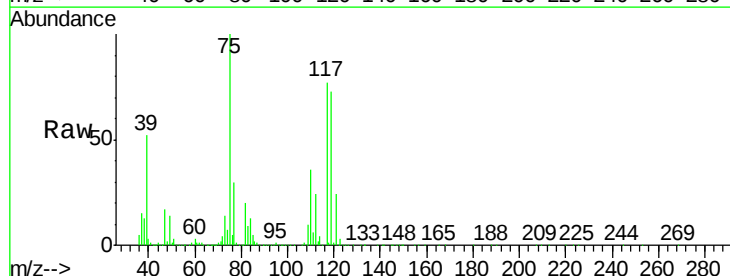
Manual Integrations
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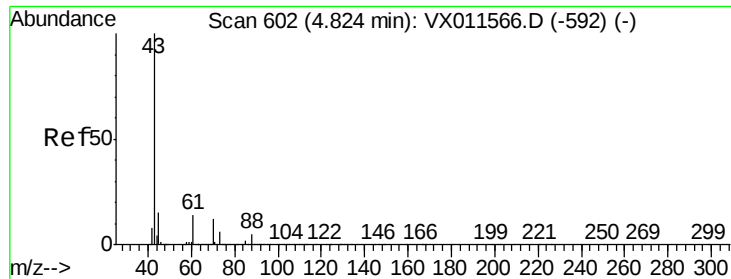
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#36
1,1-Dichloropropene
Concen: 49.785 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	225804		
110	38.9	19.4	58.1	
77	31.3	25.1	37.7	





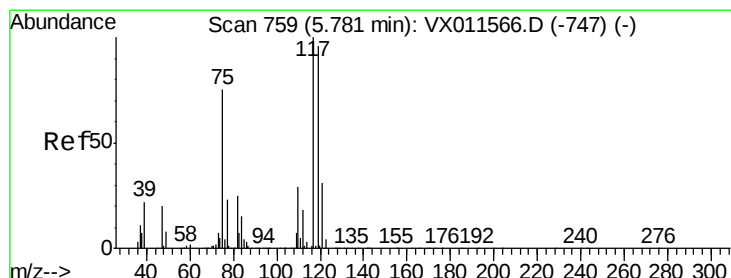
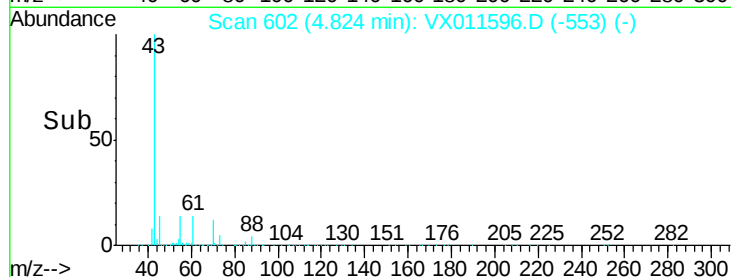
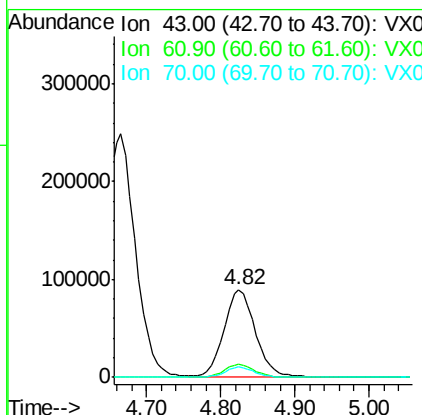
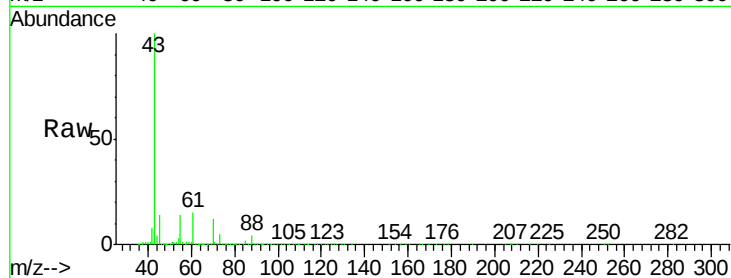
#37
Ethyl Acetate
Concen: 50.026 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.0
70	11.2	9.0	13.6

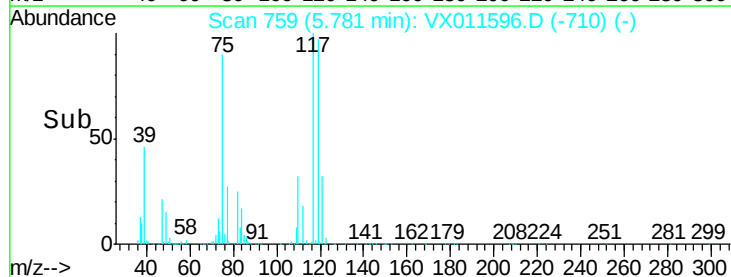
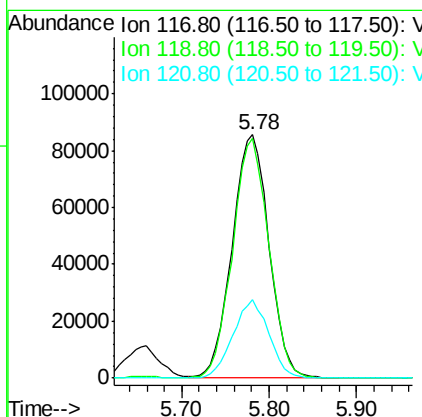
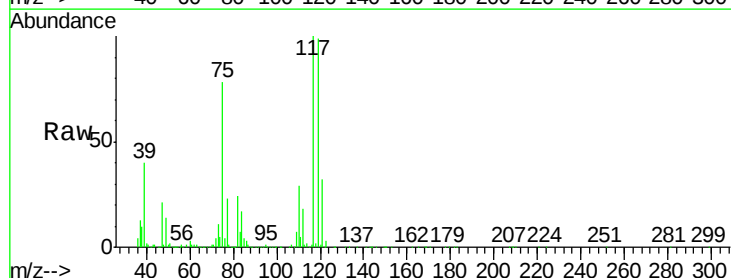
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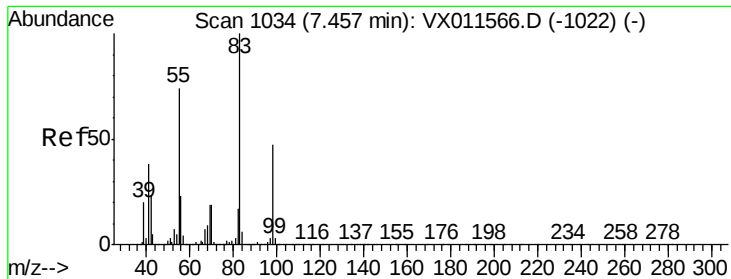
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#38
Carbon Tetrachloride
Concen: 49.973 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.9	115.3
121	32.1	24.8	37.2





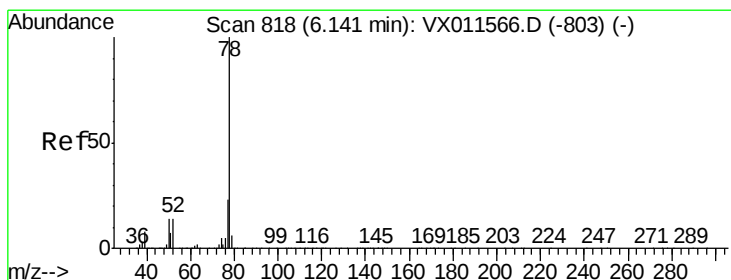
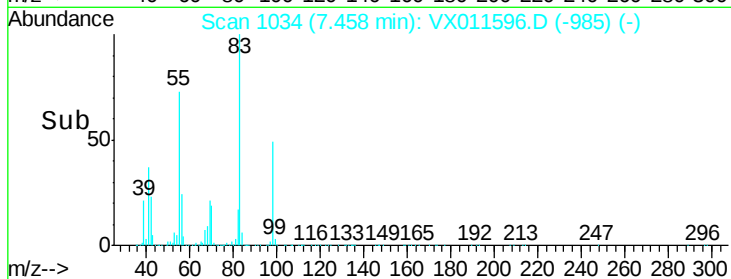
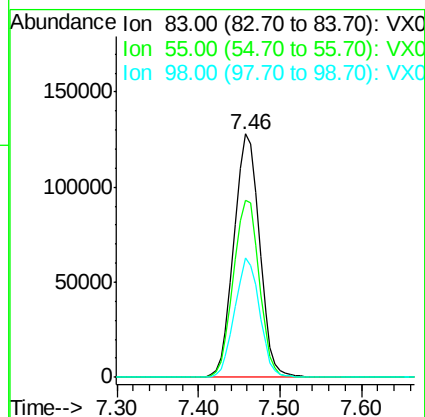
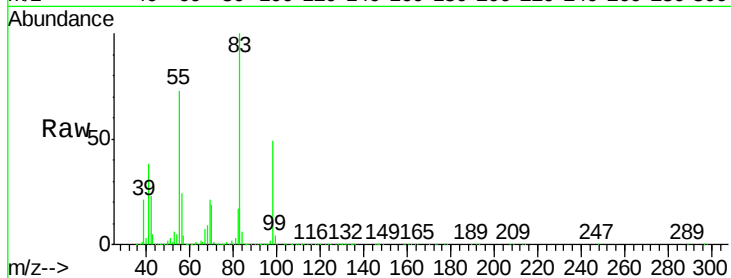
#39
Methvlcvclohexane
Concen: 49.378 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.8	88.2
98	48.9	37.8	56.6

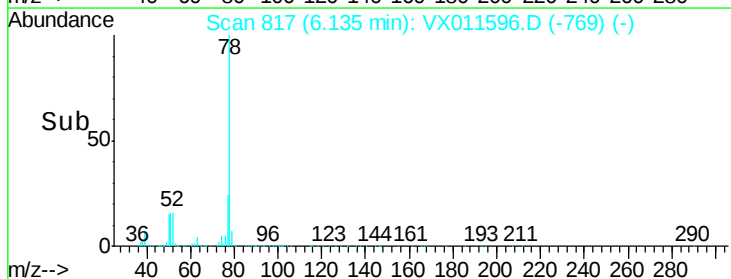
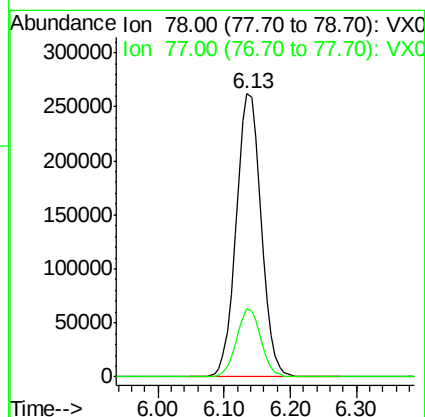
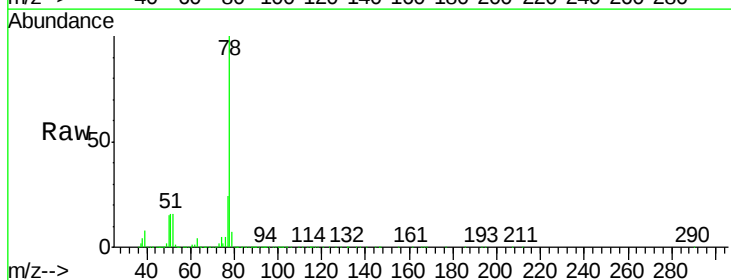
Manual Integrations
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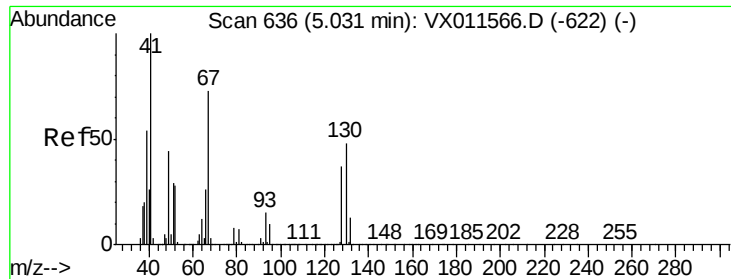
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#40
Benzene
Concen: 48.645 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





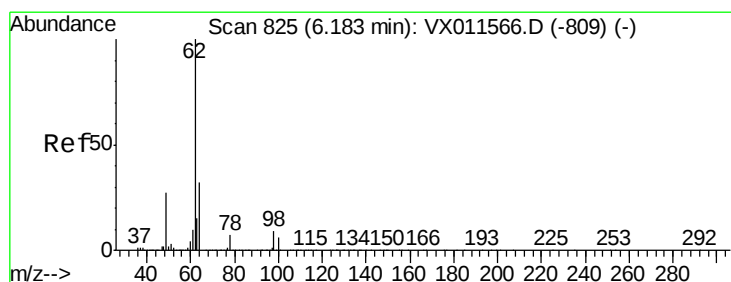
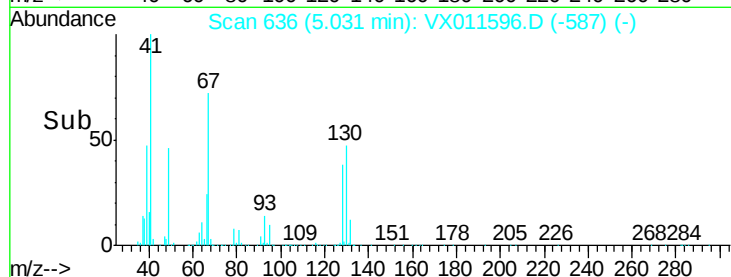
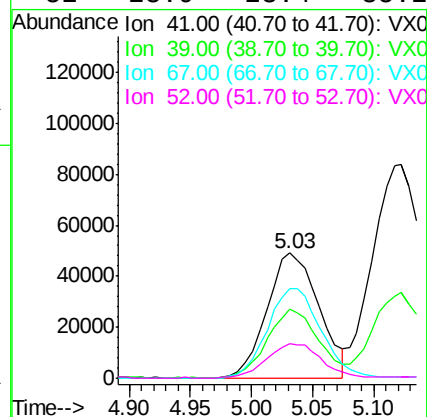
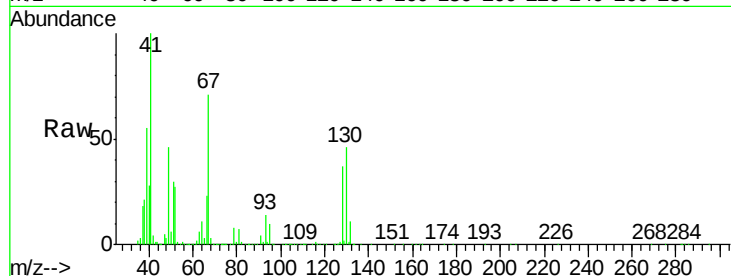
#41
Methacrylonitrile
Concen: 50.908 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		146165		
39	54.4	43.5	65.3		
67	74.4	59.4	89.2		
52	28.9	23.4	35.2		

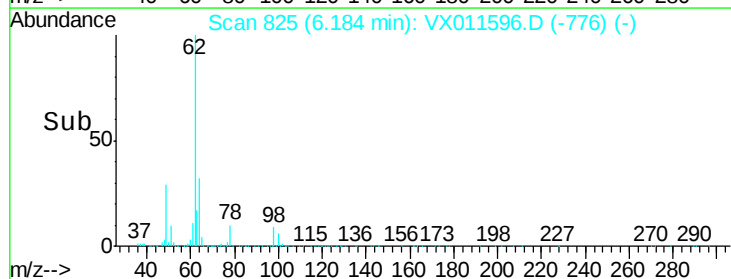
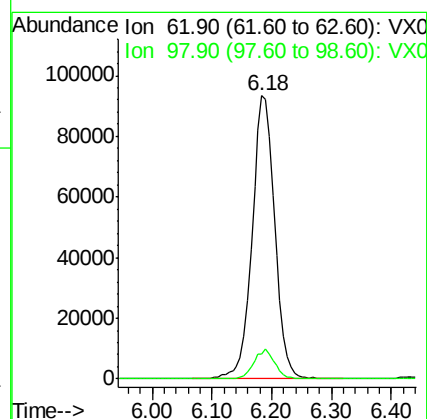
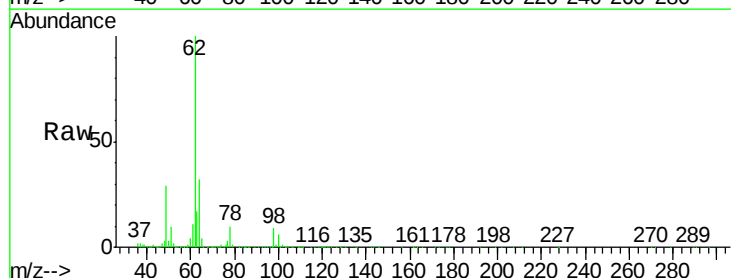
Manual Integrations
APPROVED

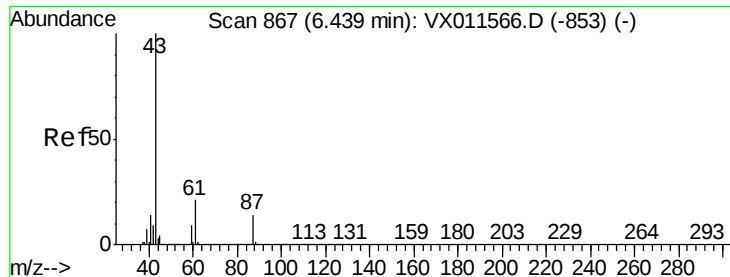
MMDadoda
8/19/2019 10:29:23 AM



#42
1,2-Dichloroethane
Concen: 50.293 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		245599		
98	9.8	0.0	19.4		





#43

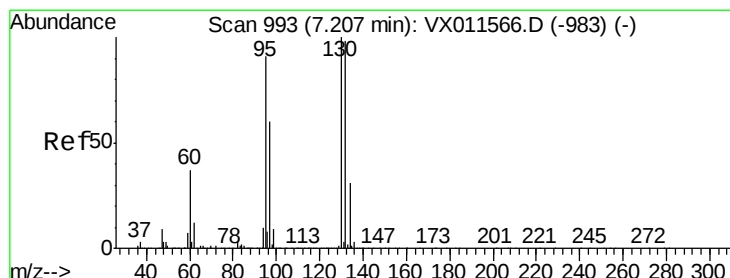
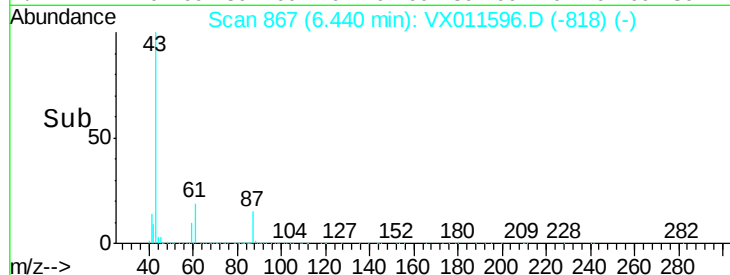
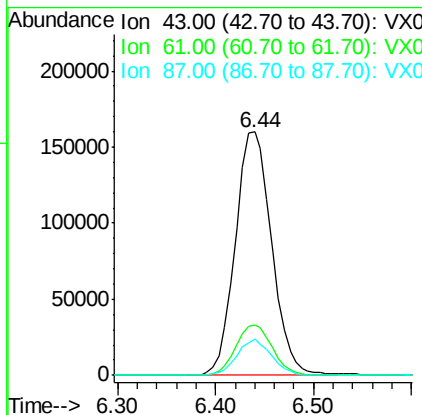
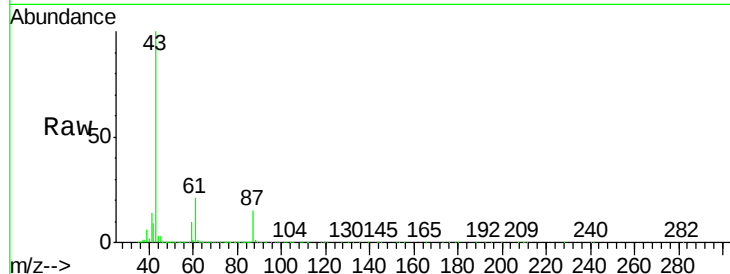
Isopropyl Acetate
 Concen: 50.439 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.6	24.8
87	14.3	11.4	17.2

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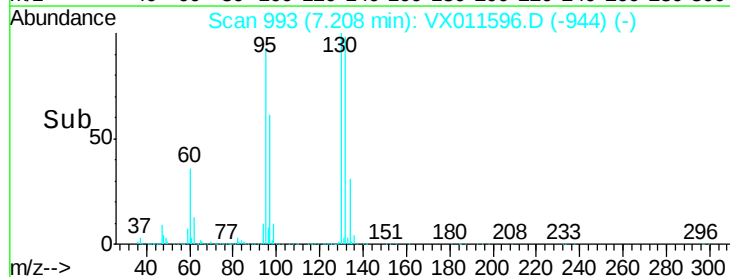
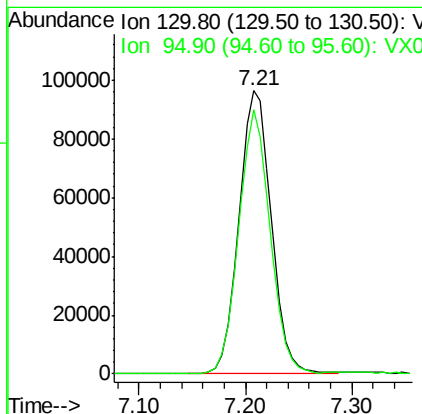
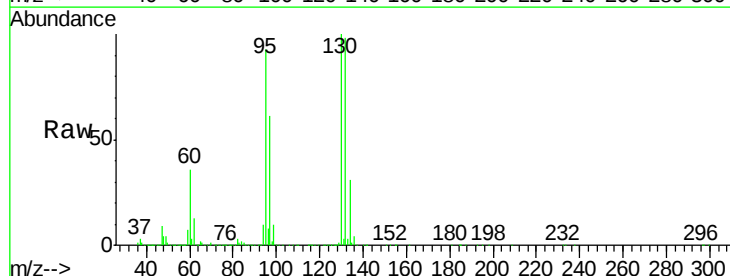
MMDadoda
 8/19/2019 10:29:23 AM

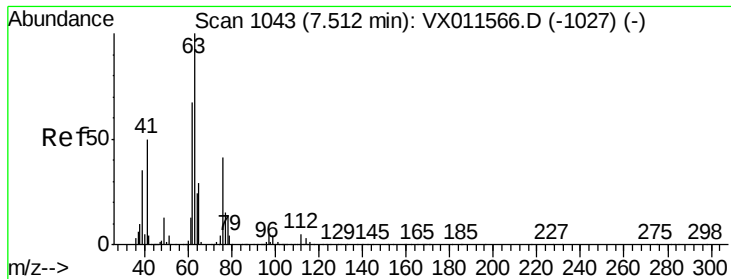


#44

Trichloroethene
 Concen: 49.228 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	181.4





#45

1,2-Dichloropropane

Concen: 50.138 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 176243

Ion Ratio Lower Upper

63 100

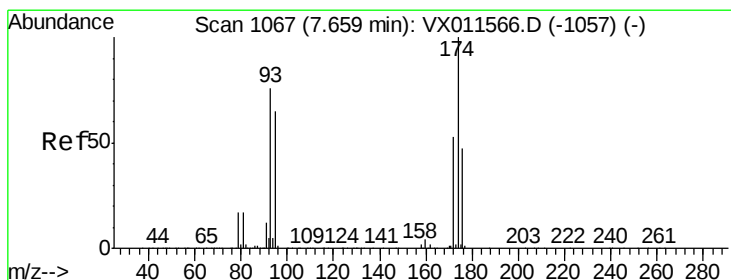
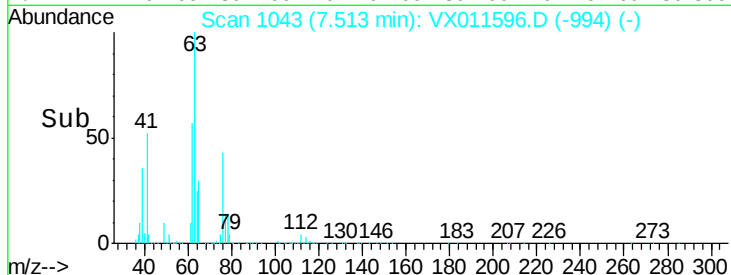
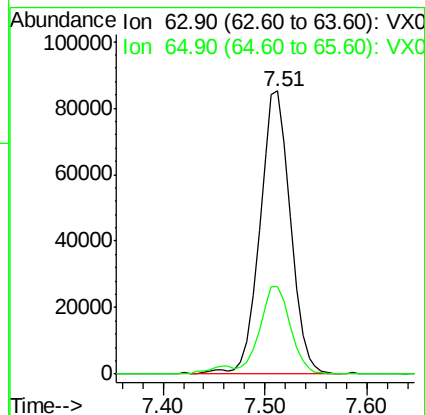
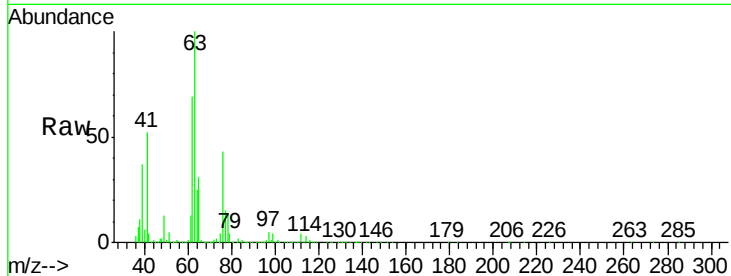
65 30.7 23.4 35.2

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#46

Dibromomethane

Concen: 47.787 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

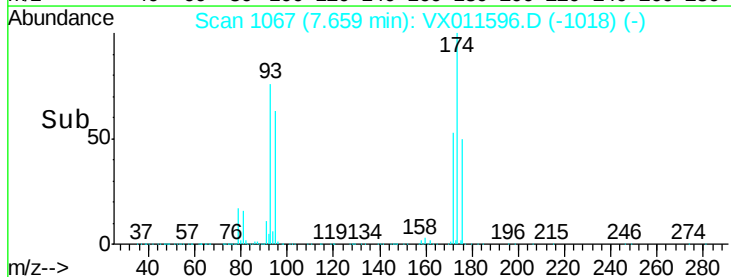
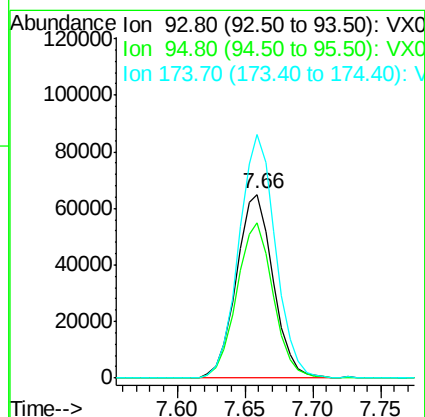
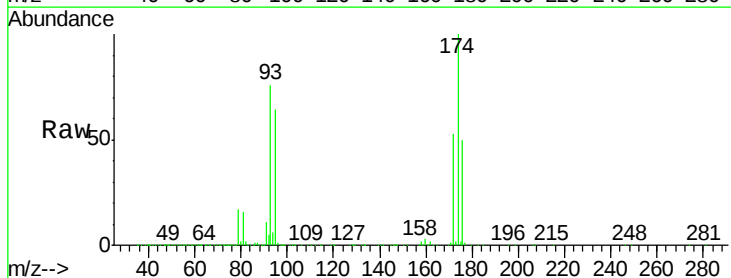
Tgt Ion: 93 Resp: 122067

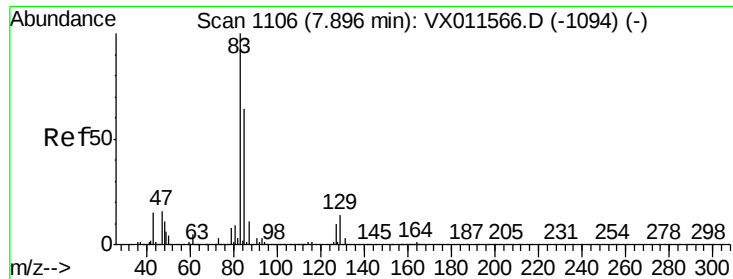
Ion Ratio Lower Upper

93 100

95 84.6 67.2 100.8

174 132.4 105.5 158.3





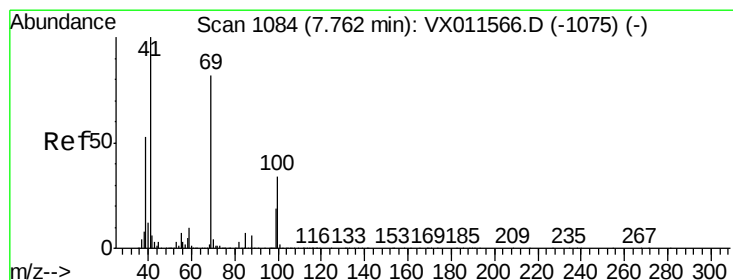
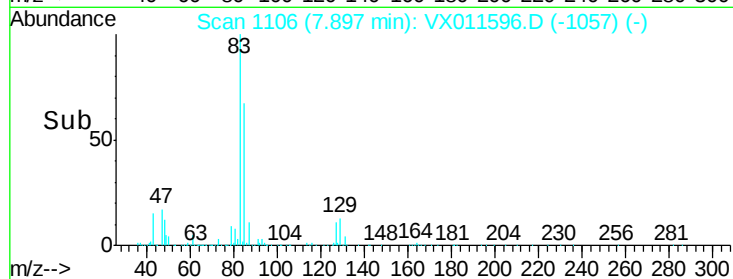
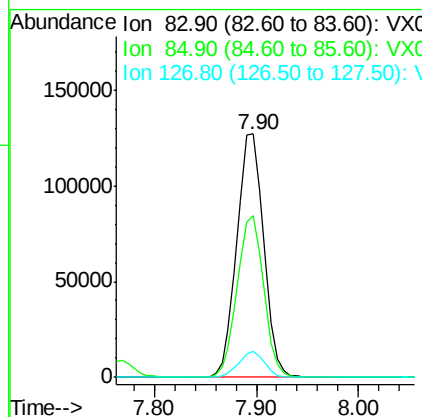
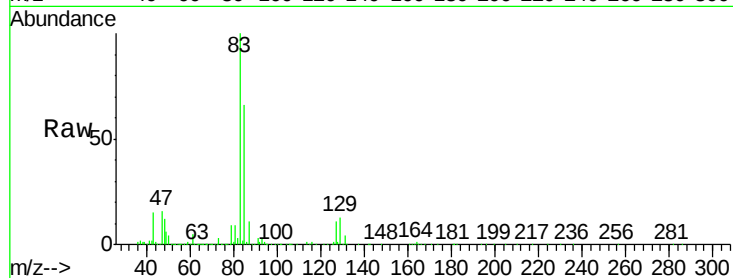
#47
Bromodichloromethane
Concen: 49.438 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	83	Resp:	231874
Ion Ratio	Lower	Upper	
83	100		
85	66.4	51.2	76.8
127	10.6	8.1	12.1

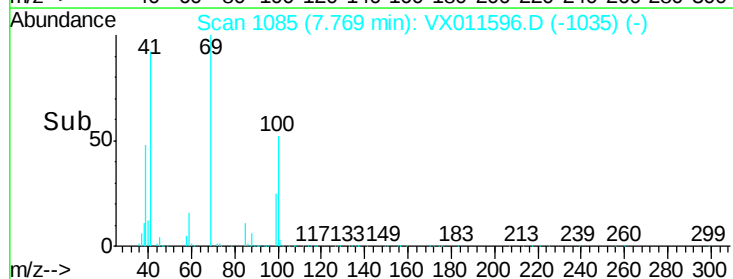
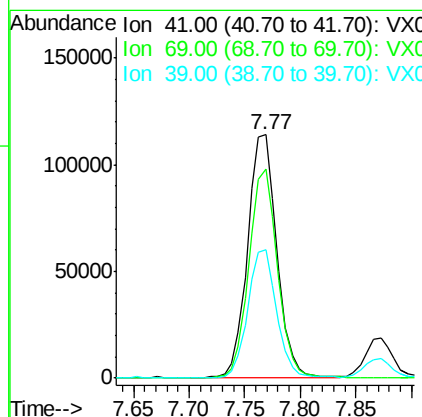
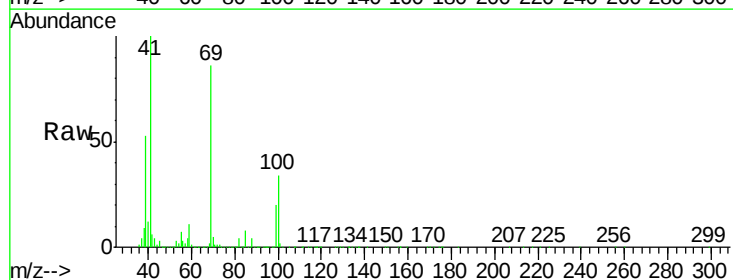
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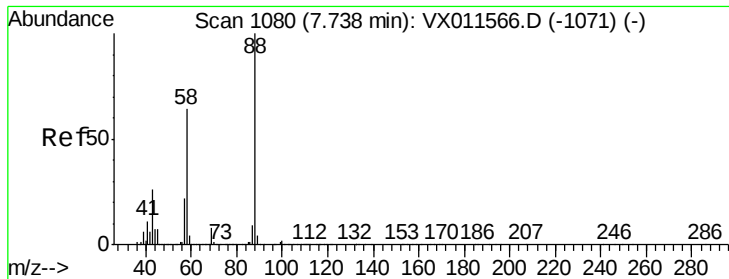
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#48
Methyl methacrylate
Concen: 51.878 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion:	41	Resp:	209160
Ion Ratio	Lower	Upper	
41	100		
69	84.6	67.9	101.9
39	51.7	41.6	62.4





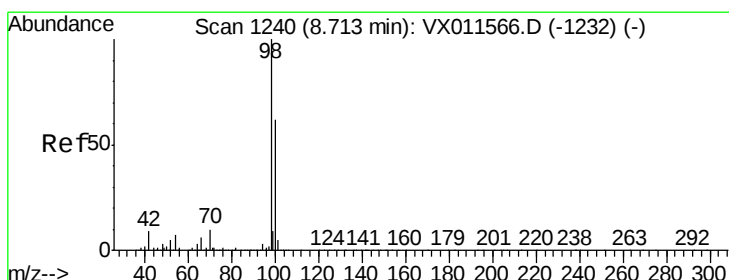
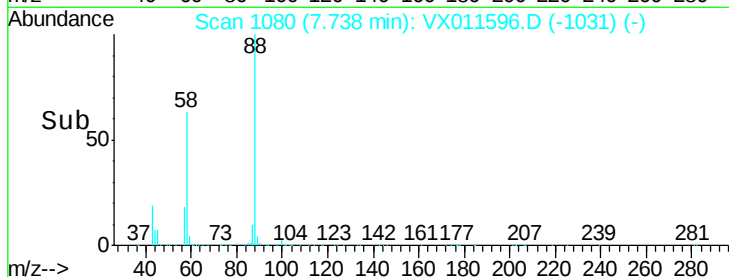
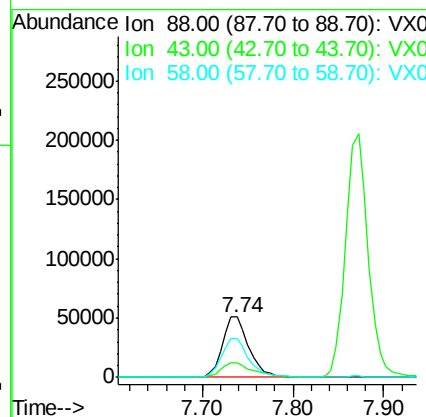
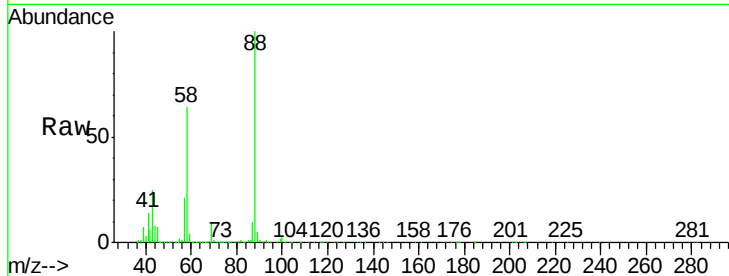
#49
 1,4-Dioxane
 Concen: 969.265 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.4	35.0
58	67.4	54.3	81.5

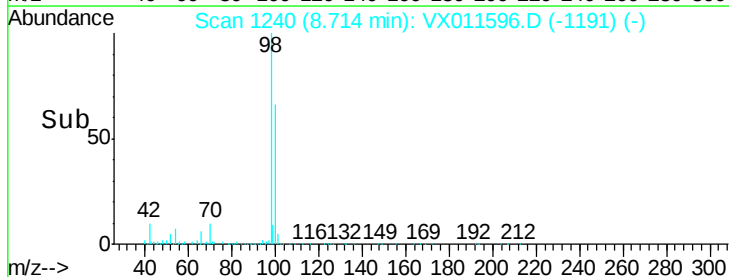
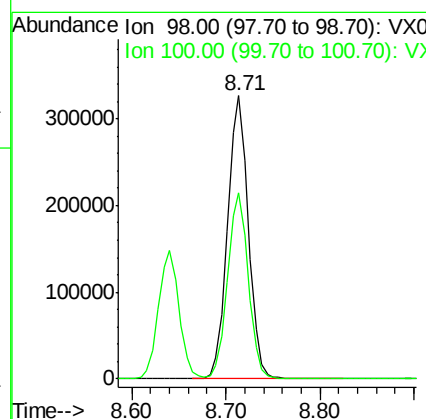
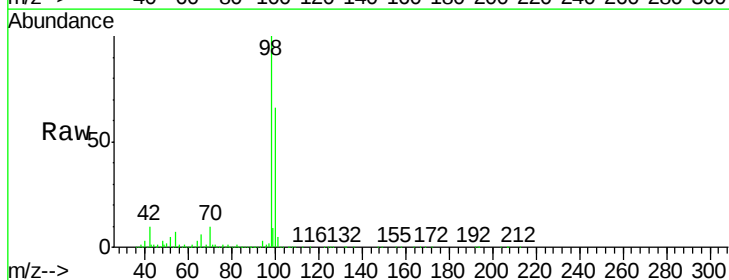
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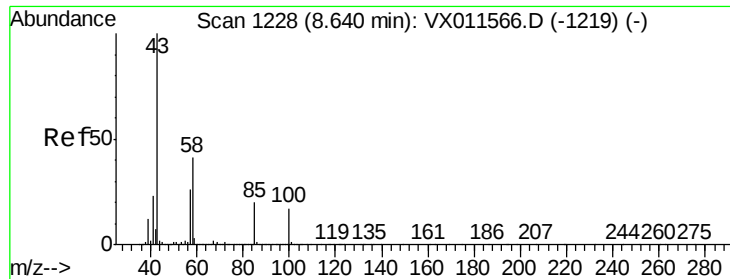
MMDadoda
 8/19/2019 10:29:23 AM



#50
 Toluene-d8
 Concen: 45.981 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 252.334 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1344673

Ion Ratio Lower Upper

43 100

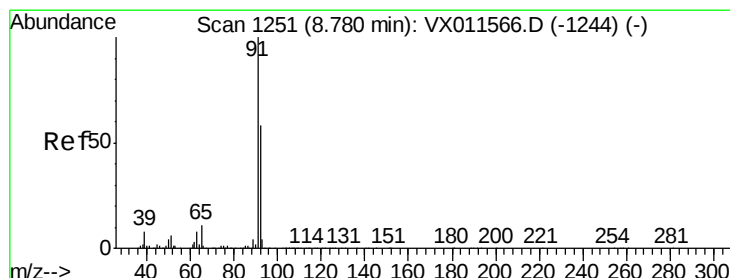
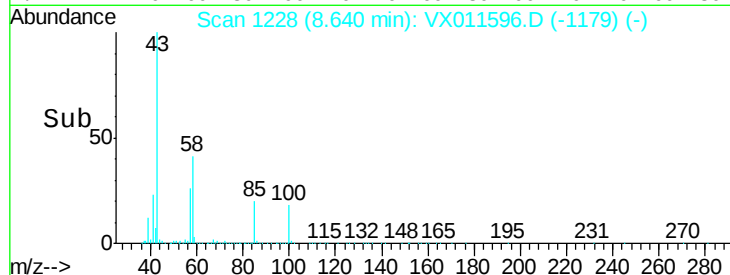
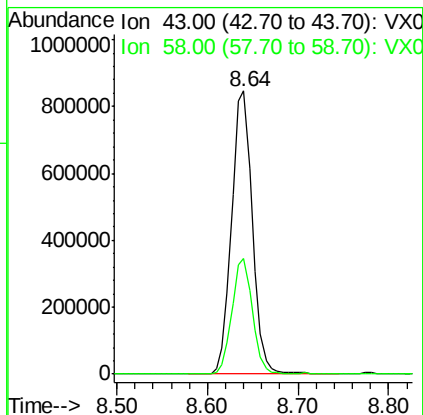
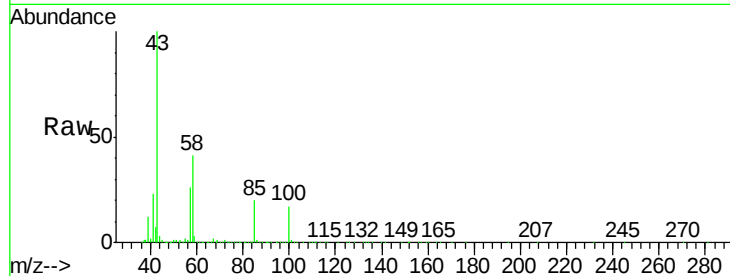
58 40.1 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 49.321 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011596.D

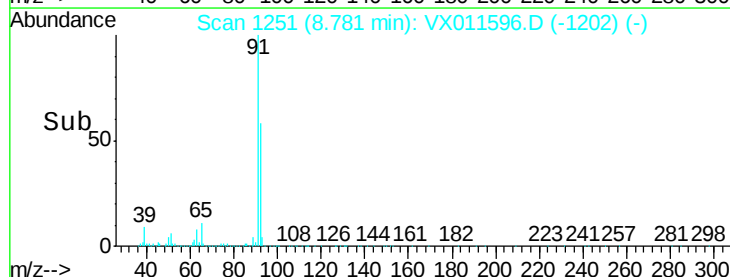
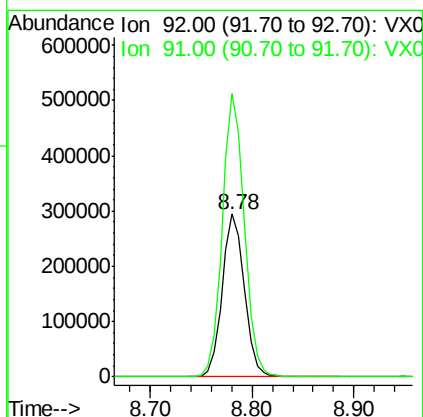
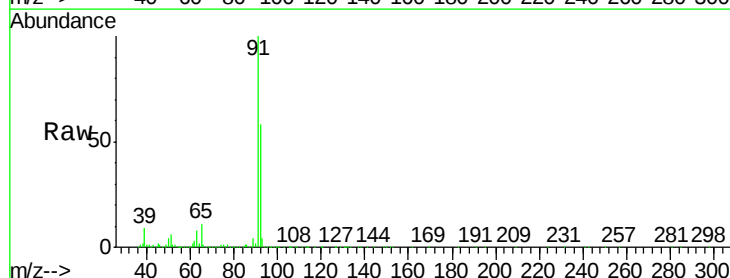
Acq: 16 Aug 2019 21:53

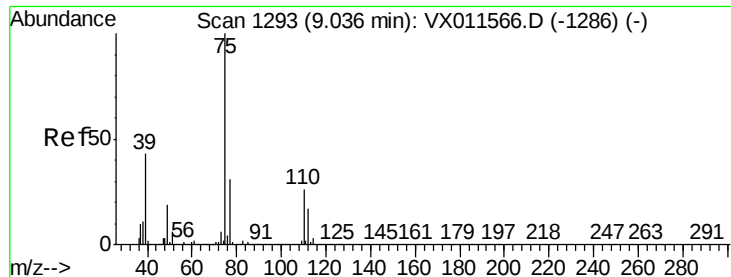
Tgt Ion: 92 Resp: 442884

Ion Ratio Lower Upper

92 100

91 173.1 138.0 207.0





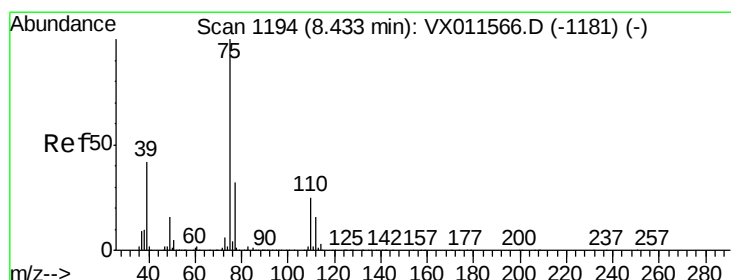
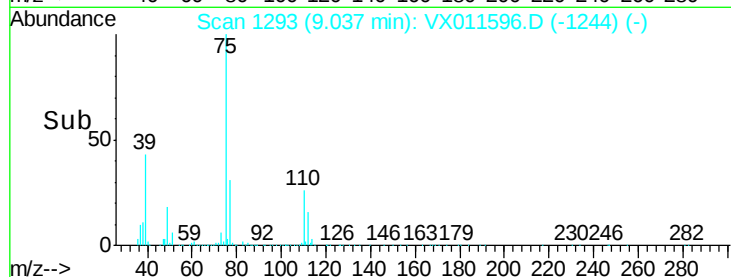
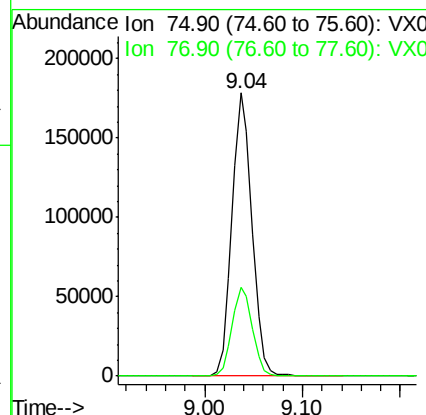
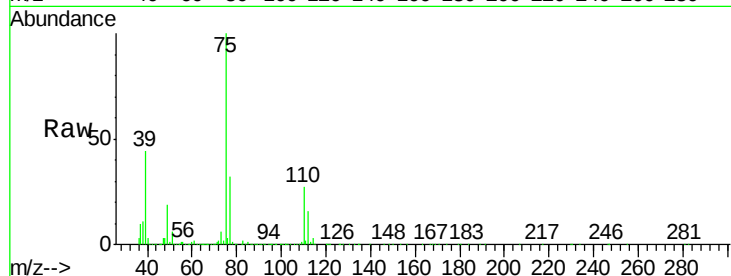
#53
t-1,3-Dichloropropene
Concen: 52.058 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

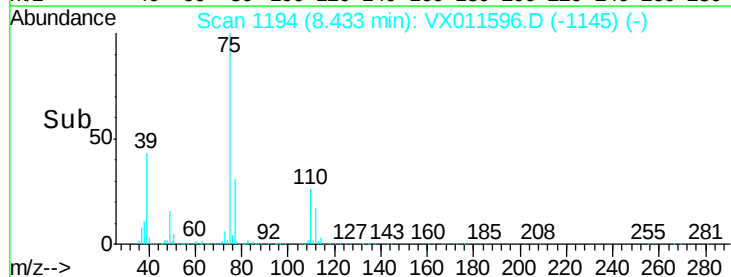
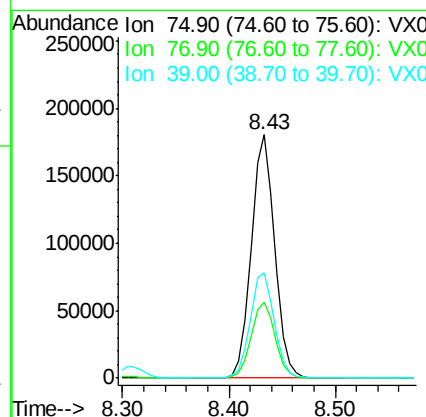
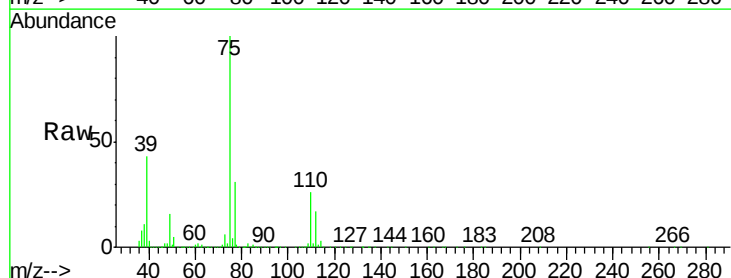
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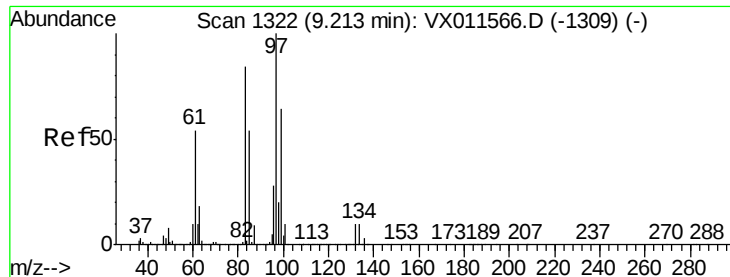
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#54
cis-1,3-Dichloropropene
Concen: 52.246 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	43.3	33.6	50.4





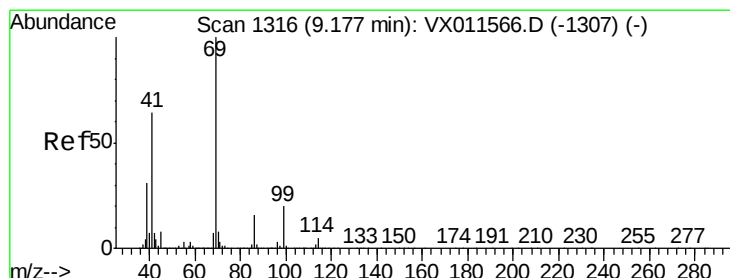
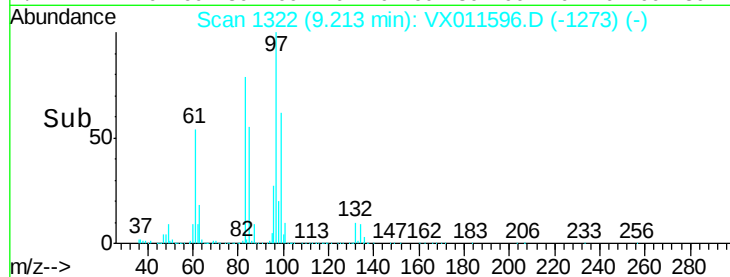
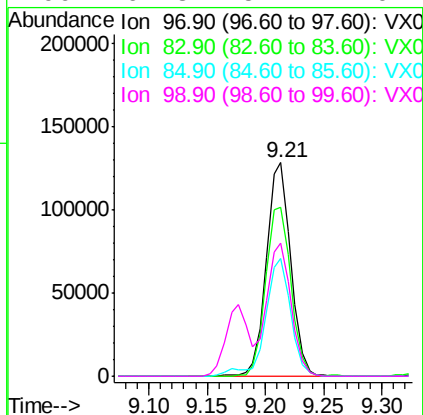
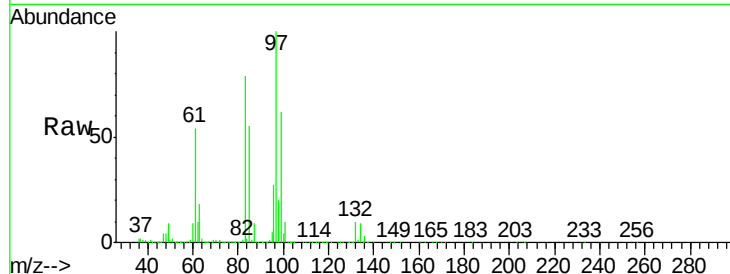
#55
 1,1,2-Trichloroethane
 Concen: 48.929 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		186840		
83	79.4	67.4	101.0		
85	55.0	43.4	65.2		
99	62.3	51.1	76.7		

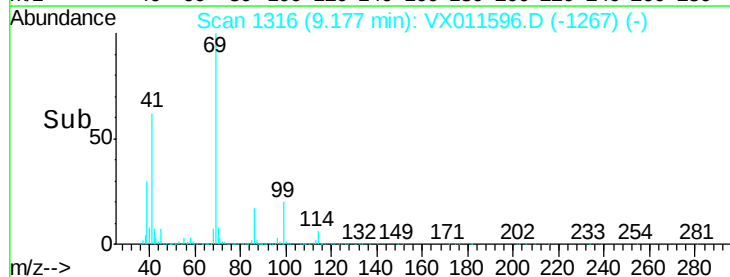
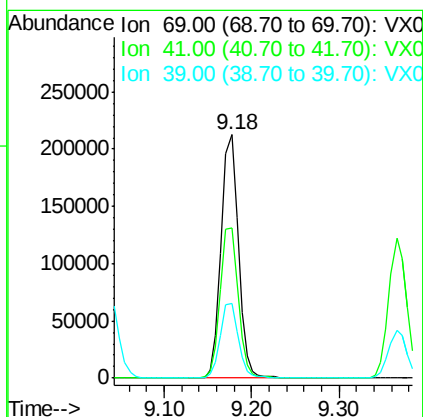
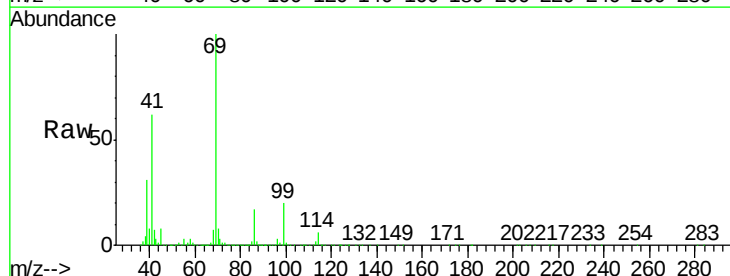
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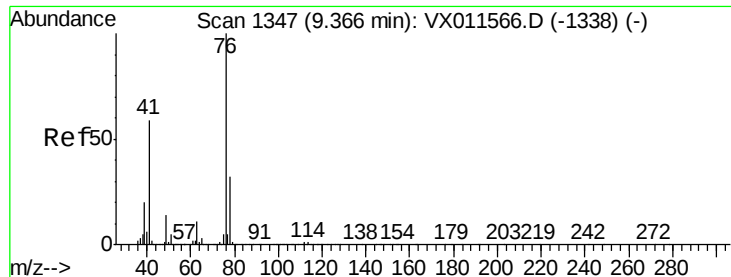
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#56
 Ethyl methacrylate
 Concen: 52.408 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		290869		
41	64.6	52.1	78.1		
39	31.7	25.4	38.0		





#57

1,3-Dichloropropane

Concen: 49.193 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 298600

Ion Ratio Lower Upper

76 100

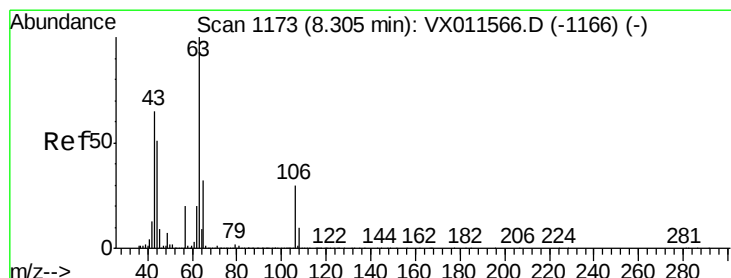
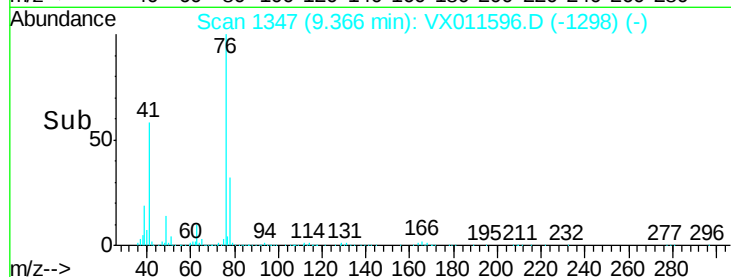
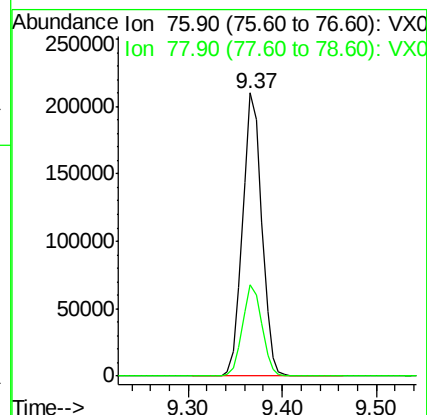
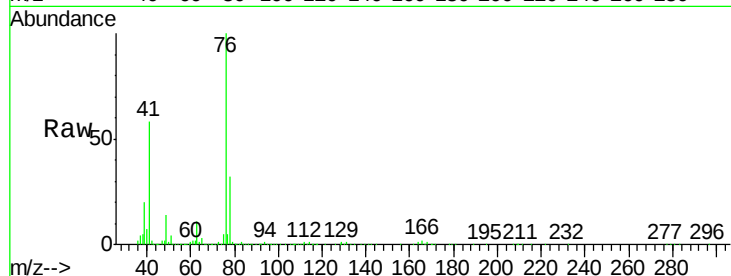
78 32.6 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 256.167 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011596.D

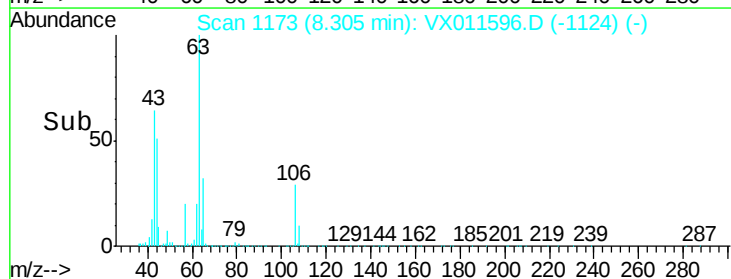
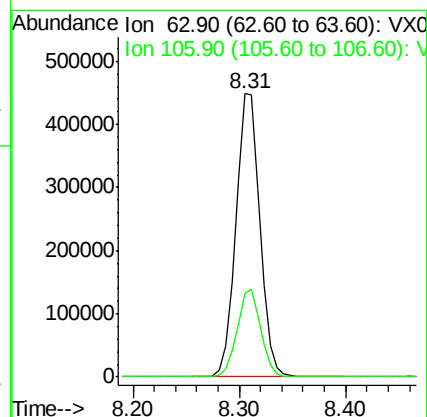
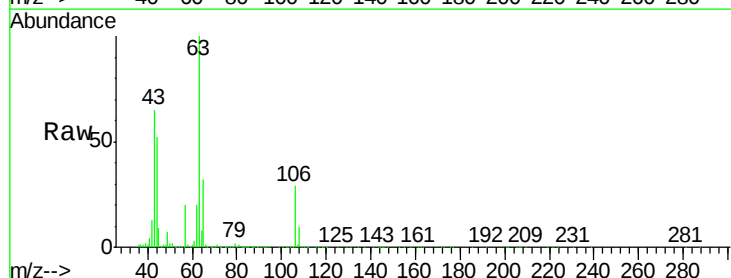
Acq: 16 Aug 2019 21:53

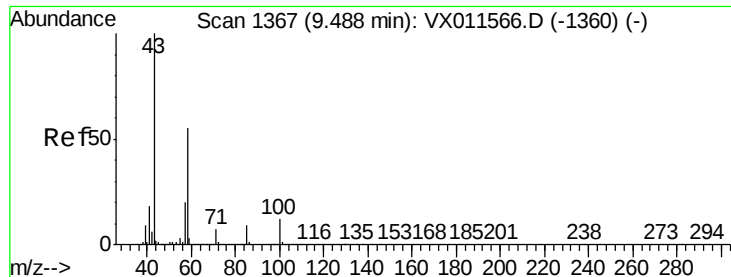
Tgt Ion: 63 Resp: 708406

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1





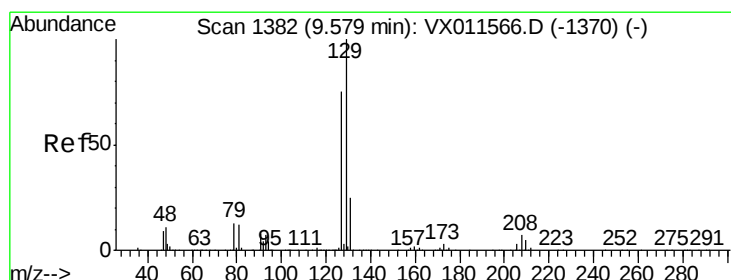
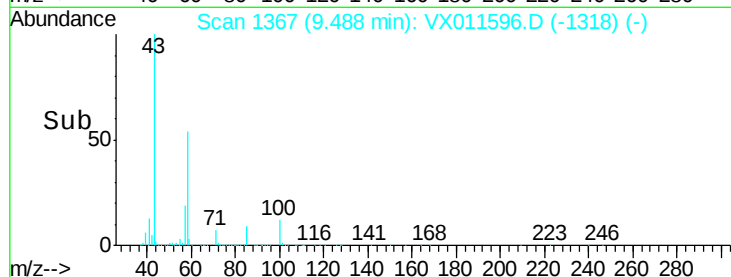
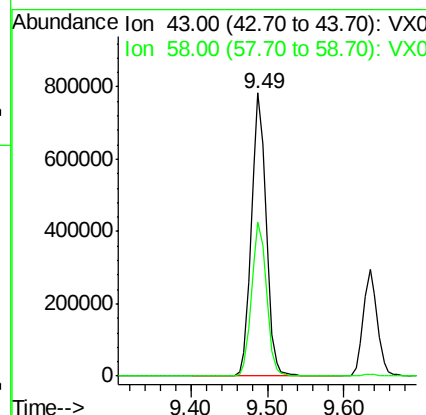
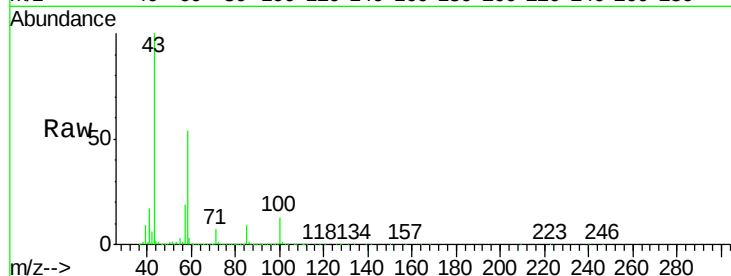
#59
2-Hexanone
Concen: 254.732 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1046803
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4

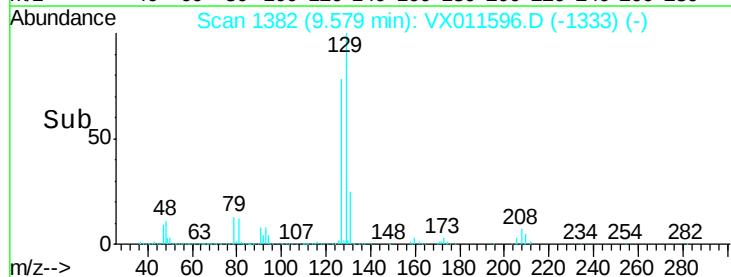
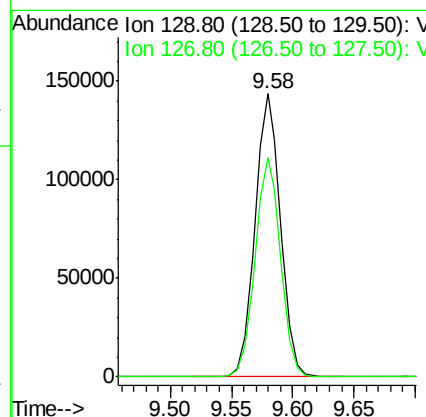
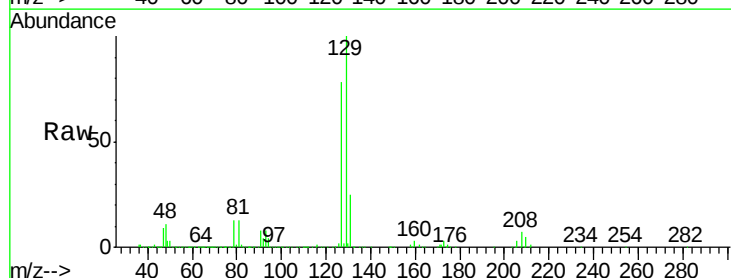
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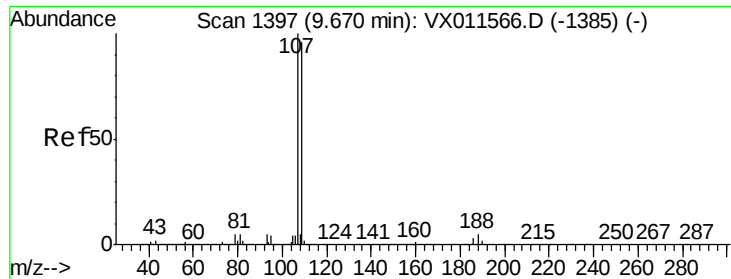
MMDadoda
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#60
Dibromochloromethane
Concen: 52.281 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion: 129 Resp: 208005
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.1





#61

1,2-Dibromoethane

Concen: 49.652 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 202351

Ion Ratio Lower Upper

107 100

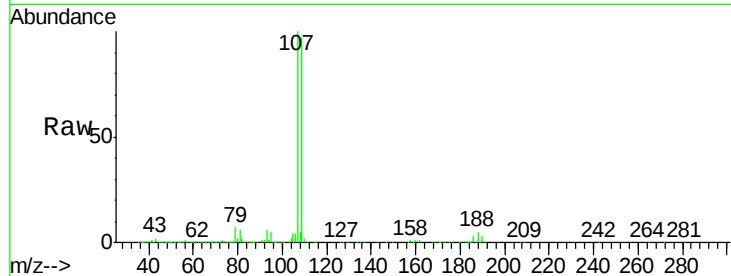
109 95.3 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

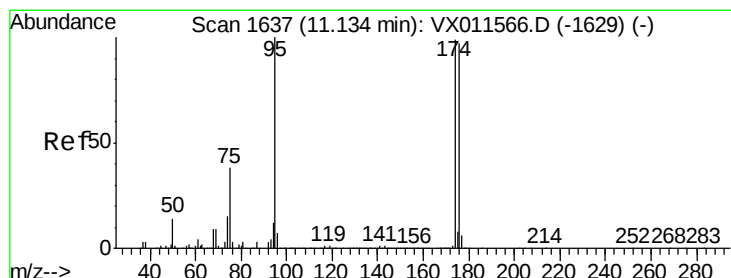
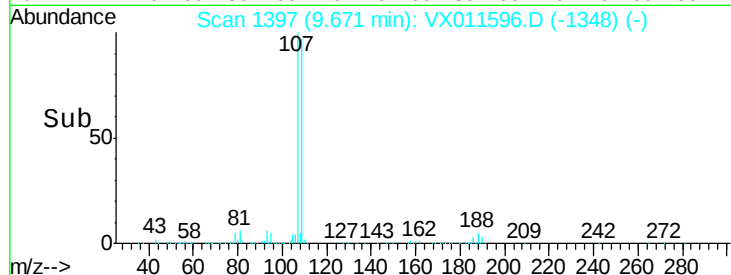
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.288 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

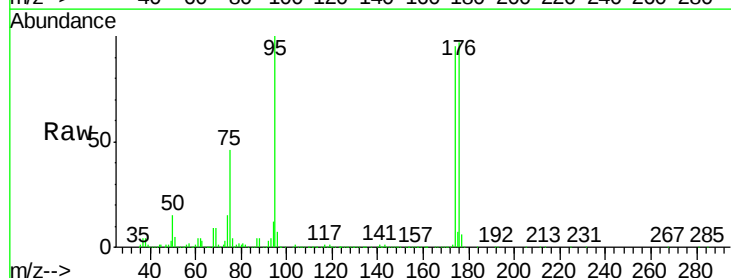
Tgt Ion: 95 Resp: 211225

Ion Ratio Lower Upper

95 100

174 97.3 0.0 200.6

176 96.3 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

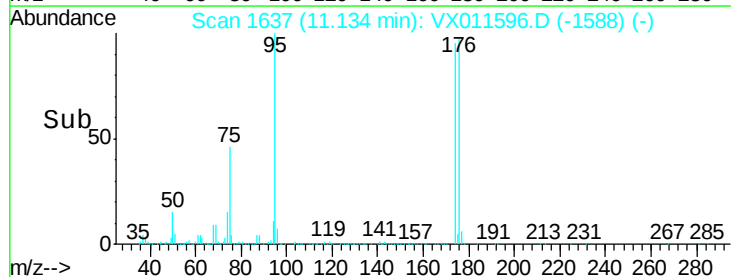
150000

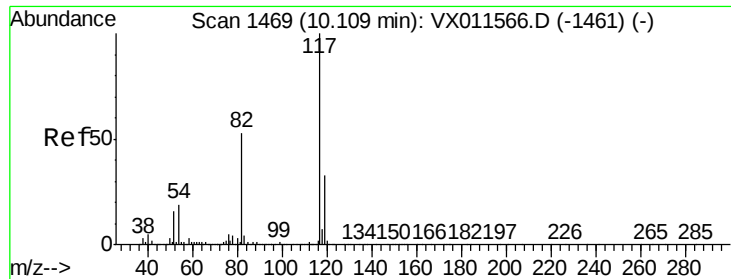
100000

50000

0

Time-->





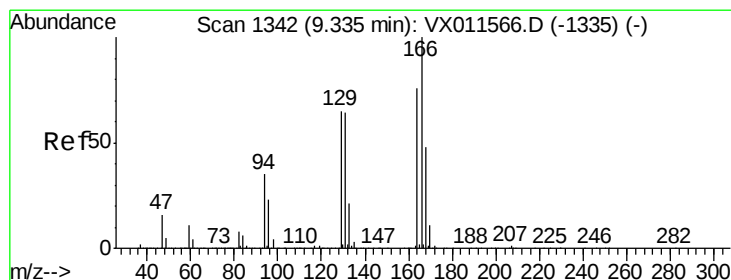
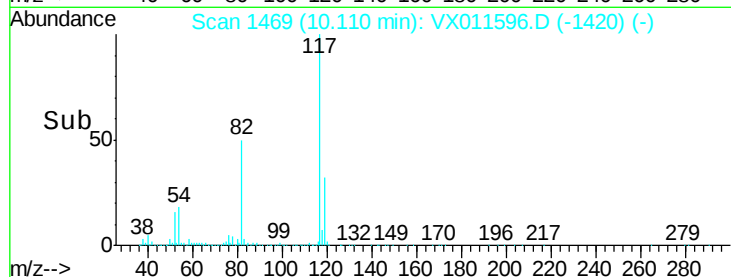
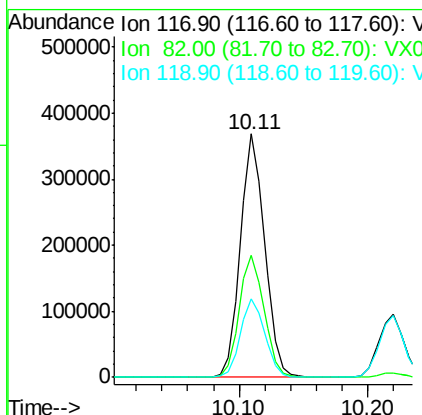
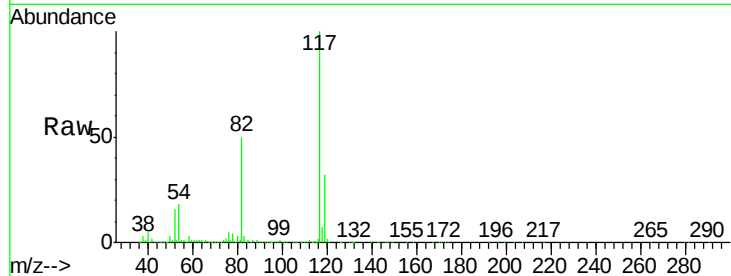
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	50.3	42.0	63.0
119	32.2	26.5	39.7

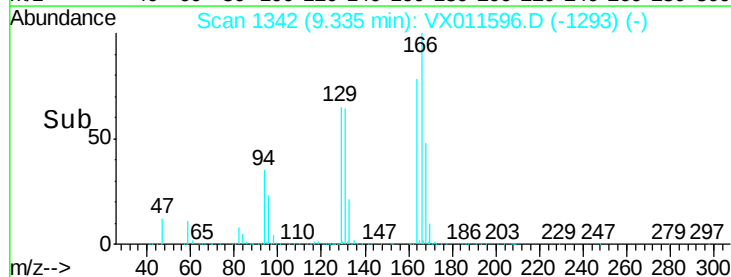
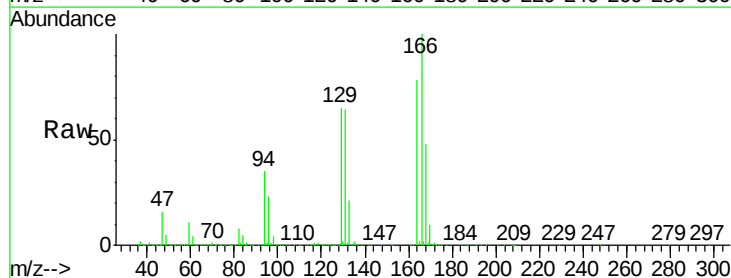
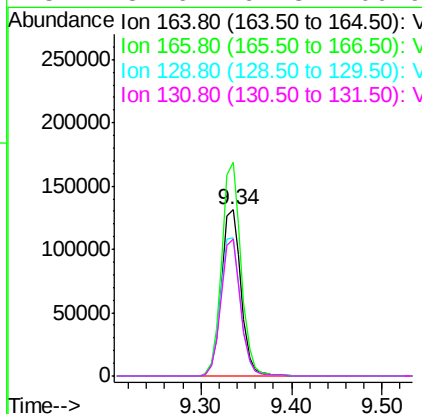
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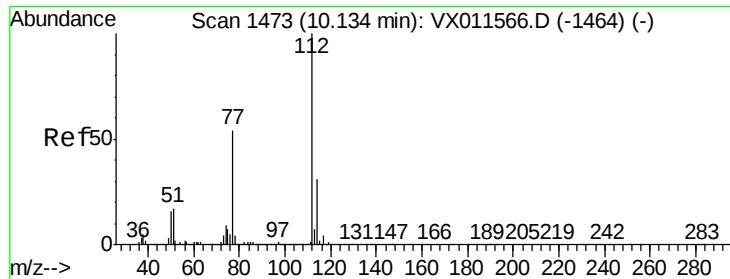
MMDadoda
8/19/2019 10:29:23 AM



#64
Tetrachloroethene
Concen: 50.295 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.4	104.7	157.1
129	83.3	68.2	102.4
131	82.6	67.3	100.9





#65

Chlorobenzene

Concen: 49.183 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 504411

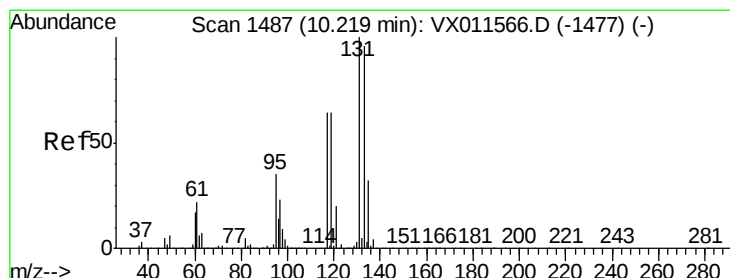
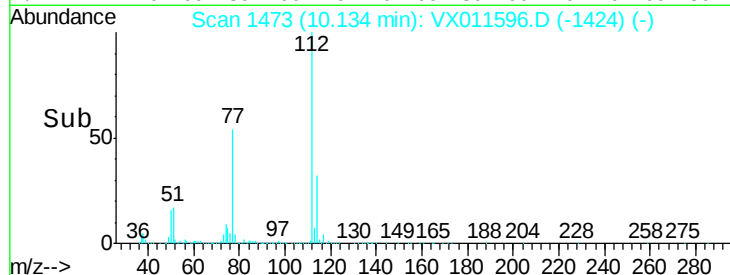
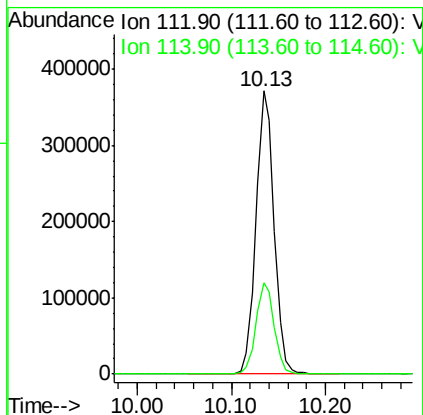
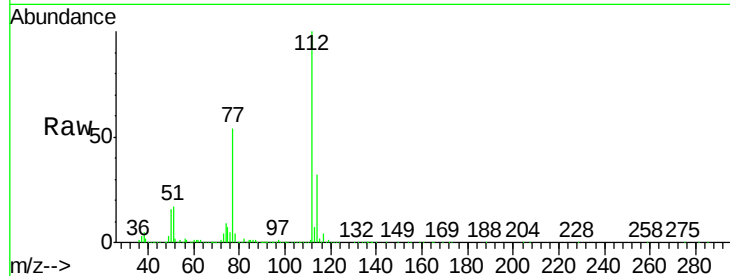
Ion Ratio Lower Upper

112 100

114 32.4 25.0 37.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.194 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

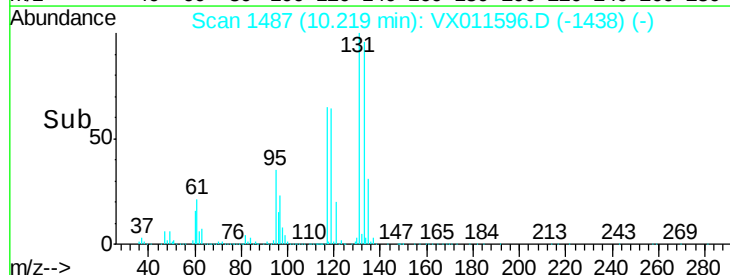
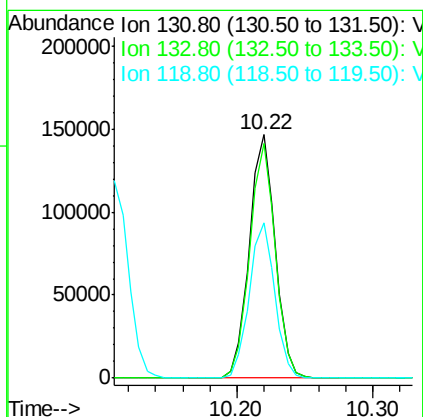
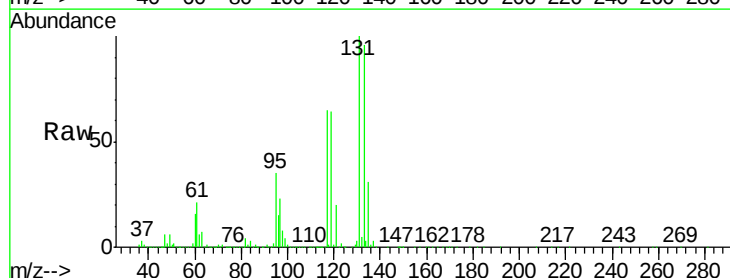
Tgt Ion:131 Resp: 196241

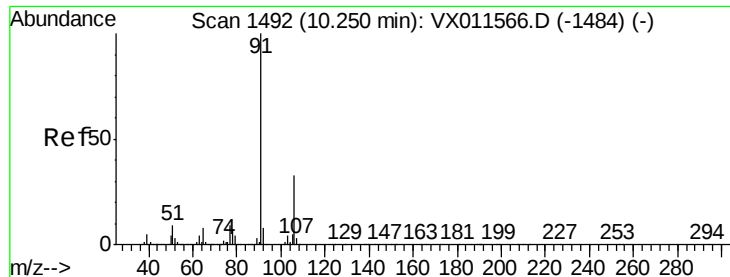
Ion Ratio Lower Upper

131 100

133 95.5 48.1 144.4

119 63.0 31.3 93.8





#67

Ethyl Benzene

Concen: 50.504 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 864424

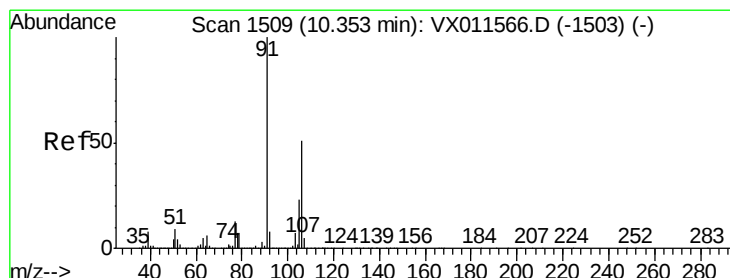
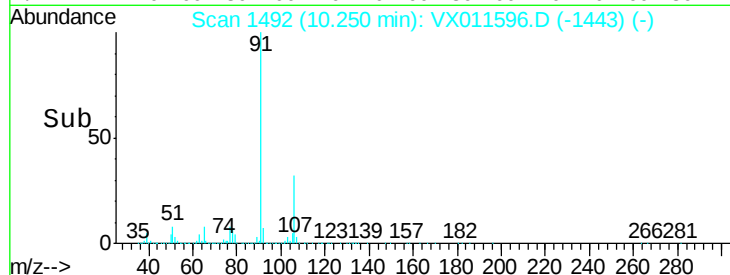
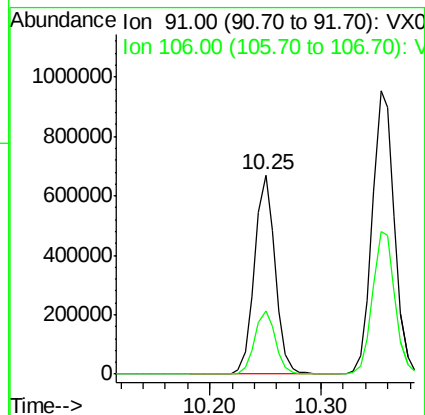
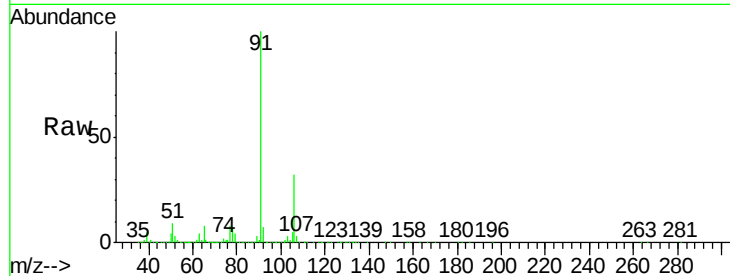
Ion Ratio Lower Upper

91 100

106 31.7 26.0 39.0

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#68

m/p-Xylenes

Concen: 101.793 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011596.D

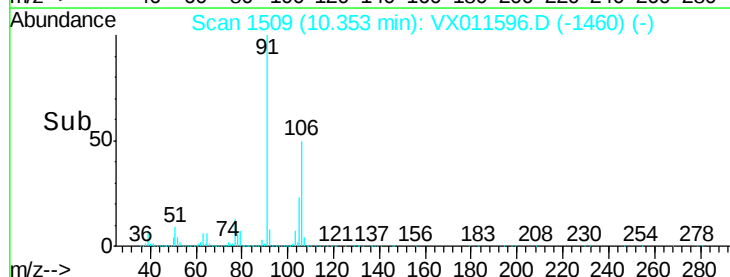
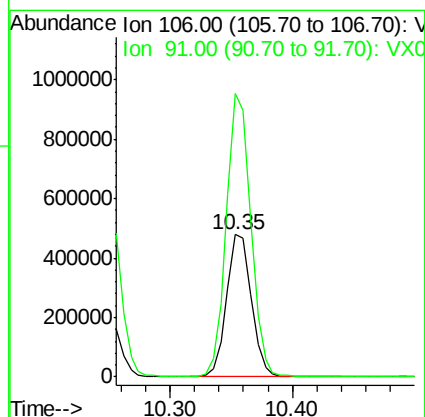
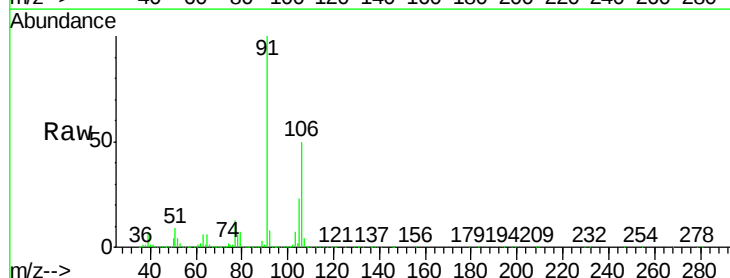
Acq: 16 Aug 2019 21:53

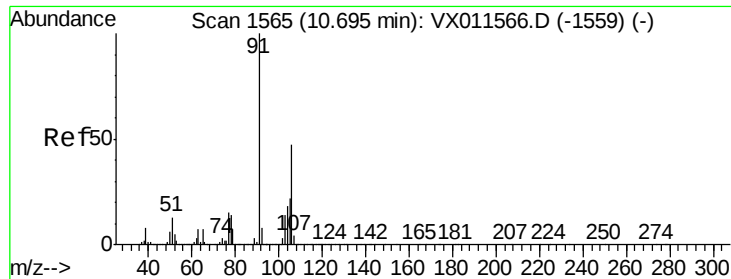
Tgt Ion: 106 Resp: 668781

Ion Ratio Lower Upper

106 100

91 197.4 156.0 234.0





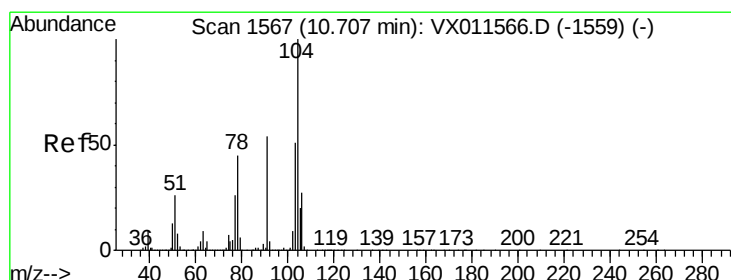
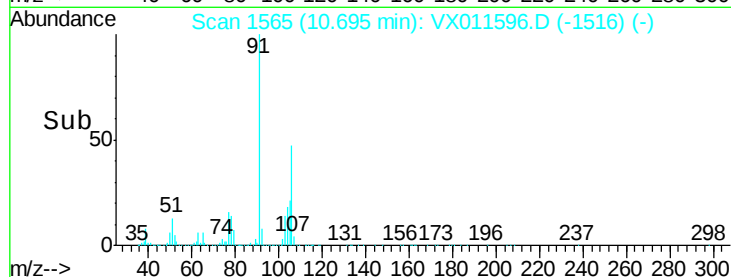
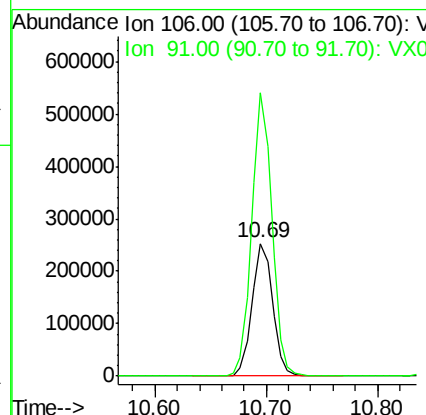
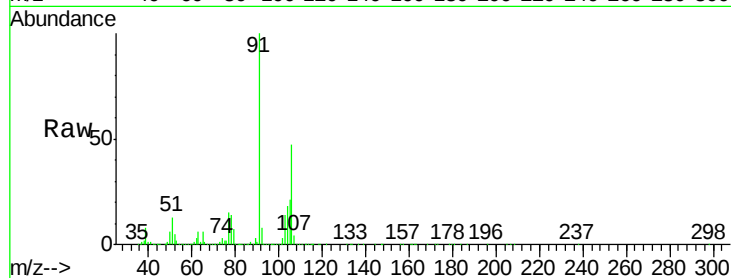
#69
o-Xylene
Concen: 50.671 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	326096		
91	209.0	105.5	316.4	

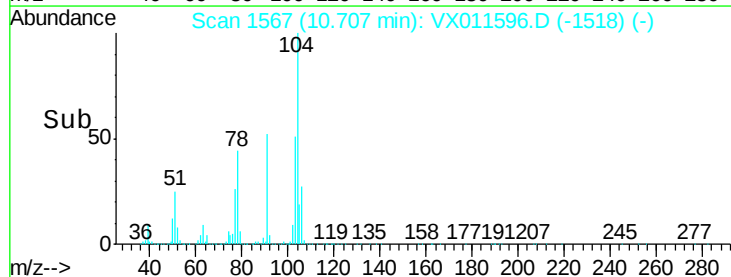
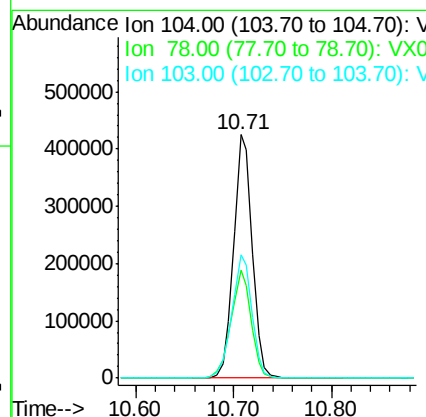
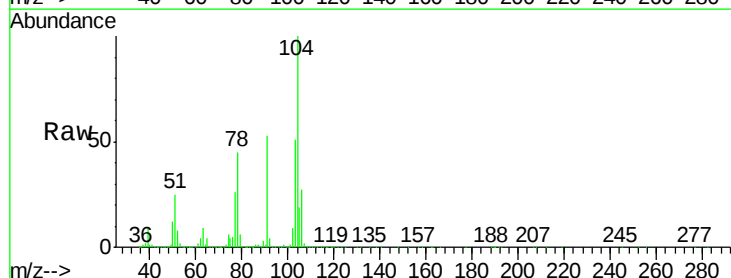
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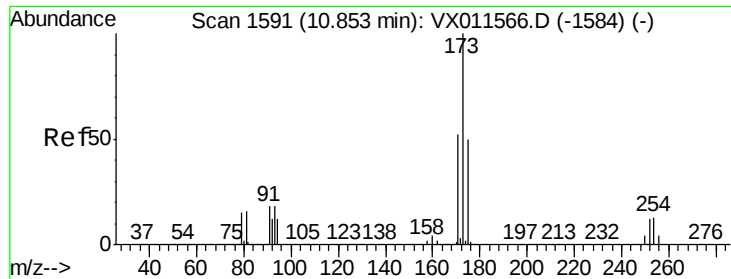
MMDadoda
8/19/2019 10:29:23 AM



#70
Styrene
Concen: 51.710 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	560214		
78	47.9	38.2	57.4	
103	54.8	43.6	65.4	





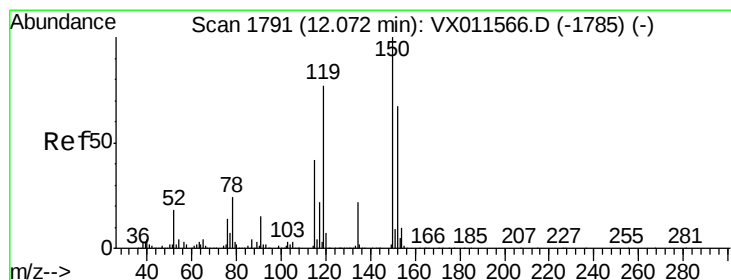
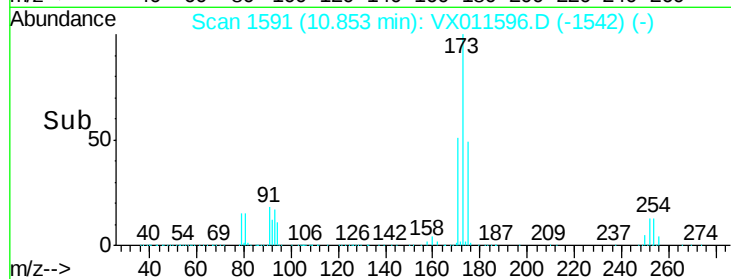
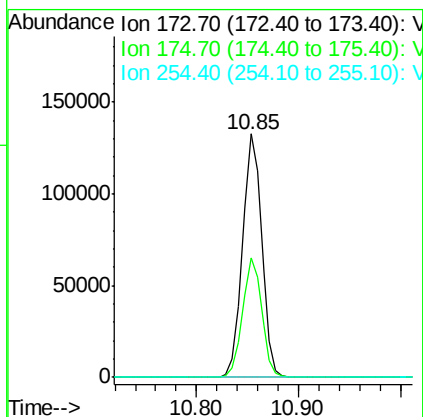
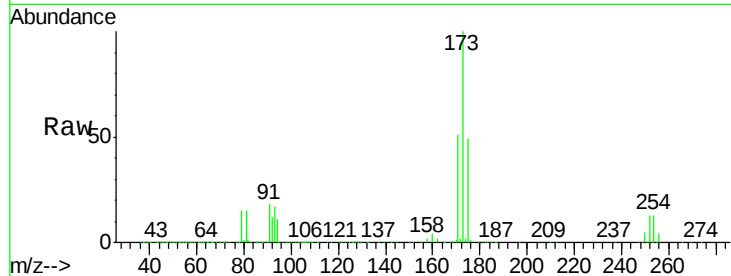
#71
Bromoform
Concen: 46.673 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.7
254	0.3	0.1	0.1#

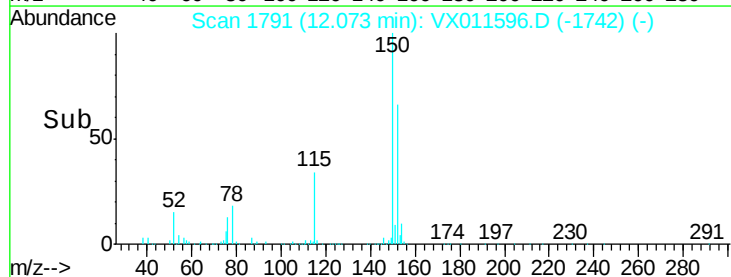
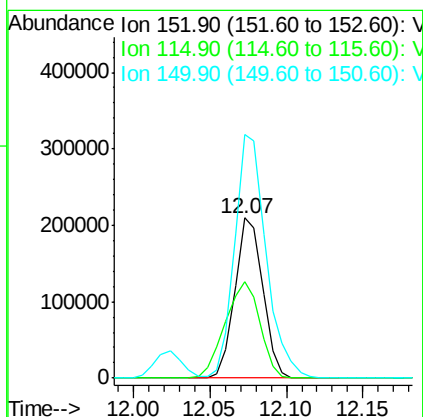
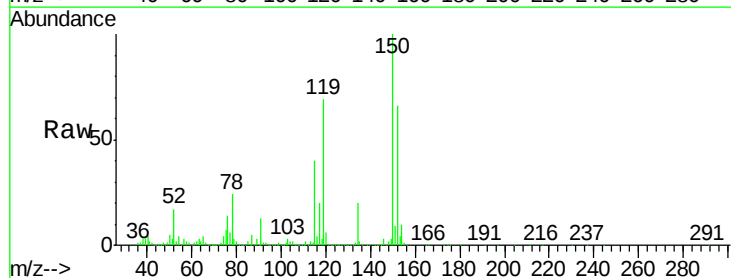
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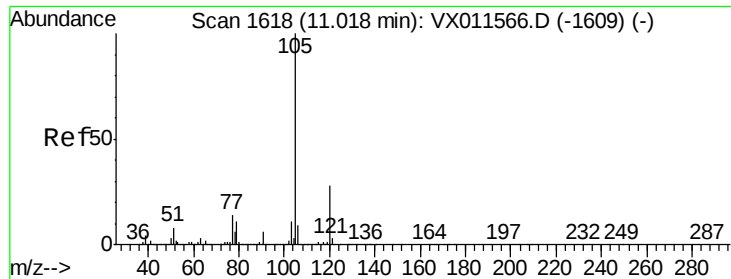
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.5	37.3	111.9
150	171.2	0.0	346.2





#73

Isopropylbenzene

Concen: 50.911 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 876225

Ion Ratio Lower Upper

105 100

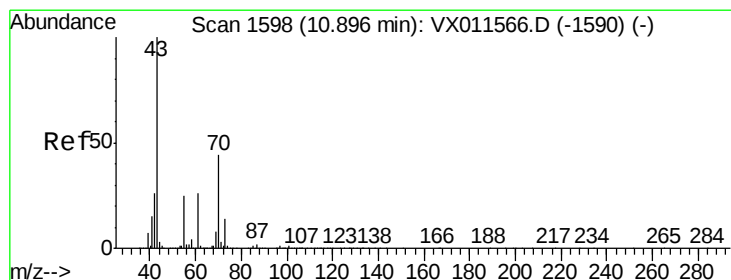
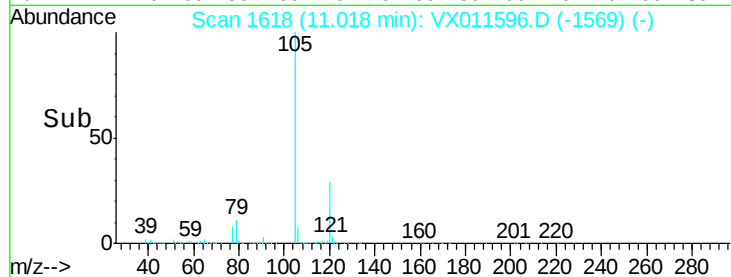
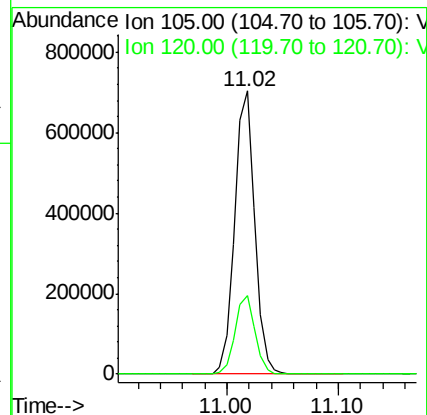
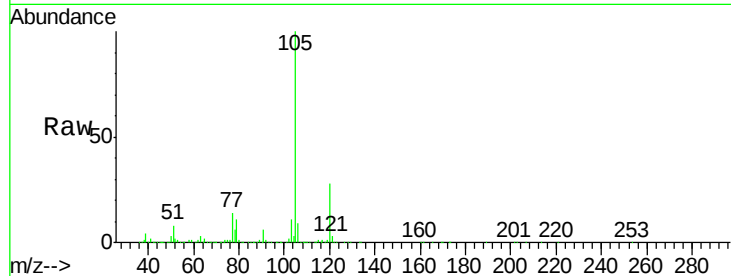
120 27.7 14.0 41.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.582 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Tgt Ion: 43 Resp: 362642

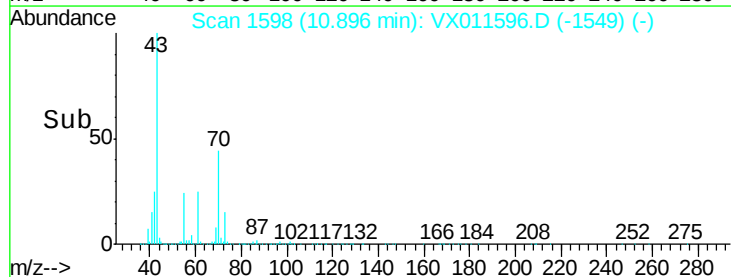
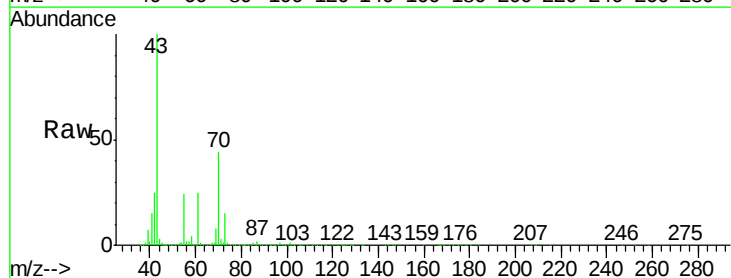
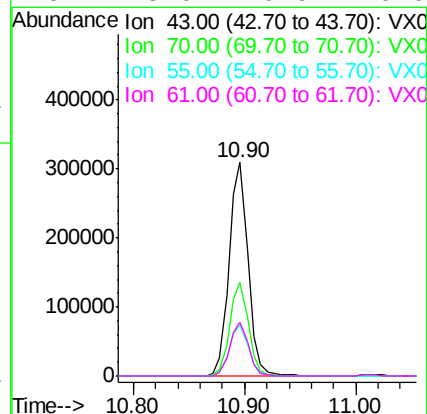
Ion Ratio Lower Upper

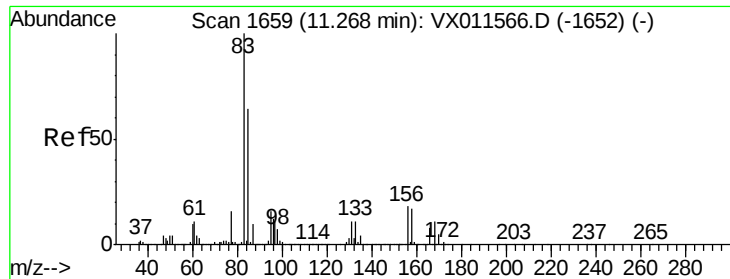
43 100

70 43.8 34.7 52.1

55 24.2 19.6 29.4

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.720 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 288452

Ion Ratio Lower Upper

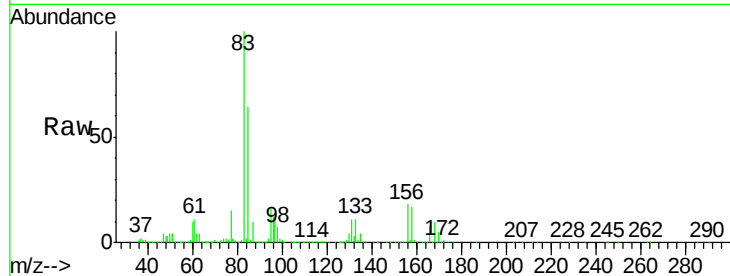
83 100

131 11.7 5.8 17.3

85 64.6 31.9 95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.27

250000

200000

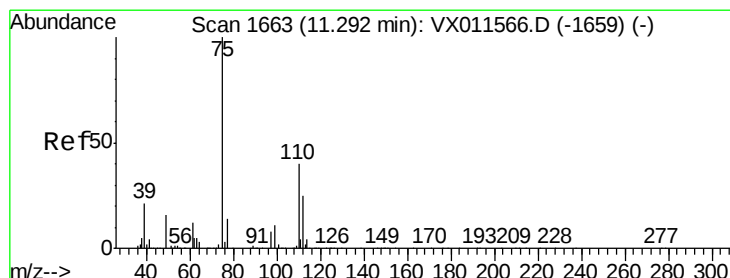
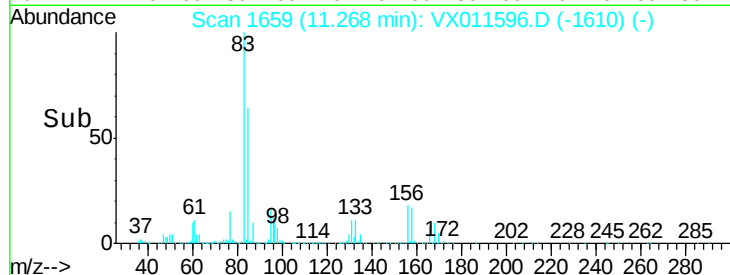
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 49.793 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011596.D

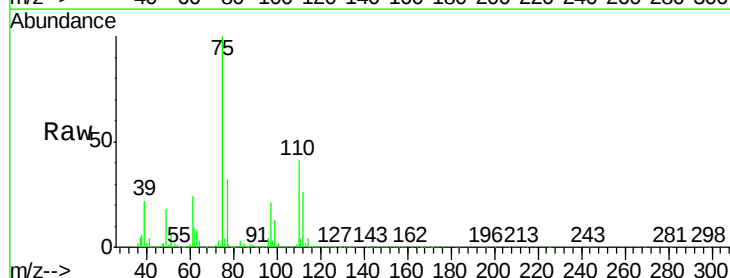
Acq: 16 Aug 2019 21:53

Tgt Ion: 75 Resp: 250434

Ion Ratio Lower Upper

75 100

77 41.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

300000

250000

200000

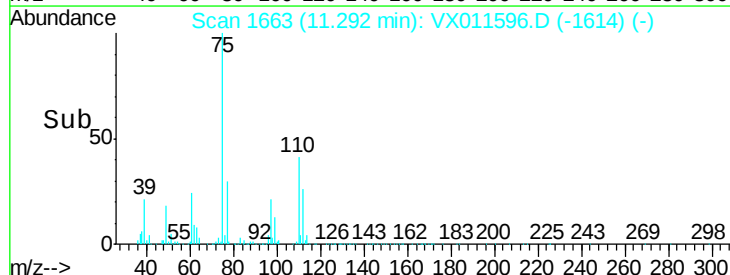
150000

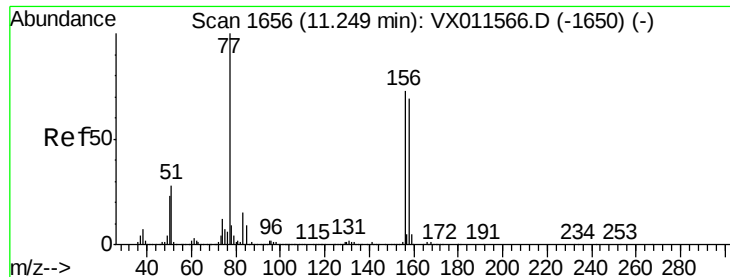
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 50.260 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 257358

Ion Ratio Lower Upper

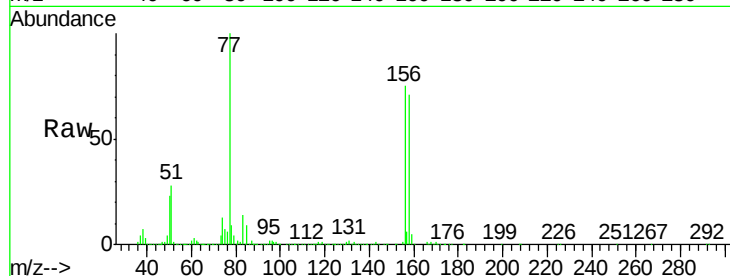
156 100

77 128.2 64.6 193.9

158 96.5 48.4 145.3

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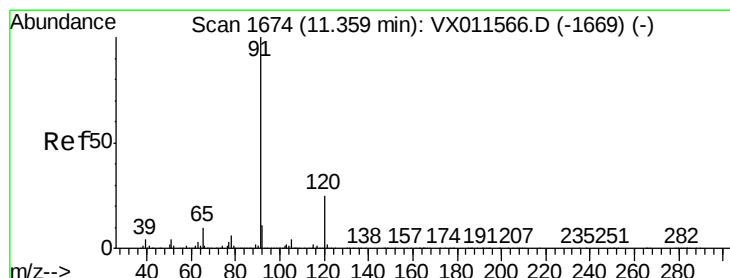
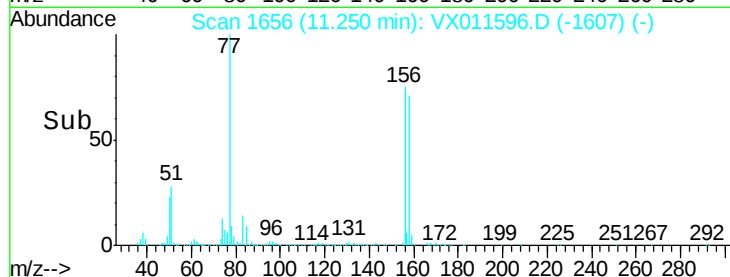
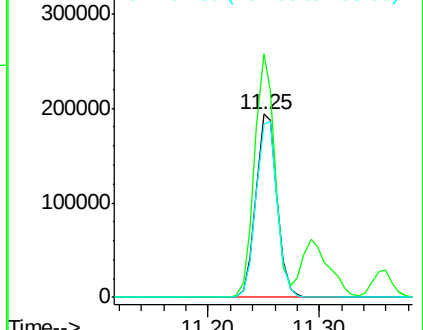
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.473 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011596.D

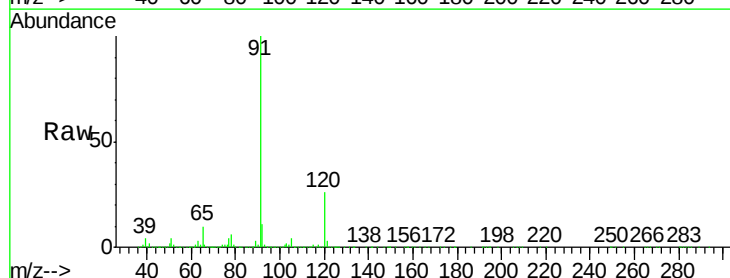
Acq: 16 Aug 2019 21:53

Tgt Ion: 91 Resp: 955267

Ion Ratio Lower Upper

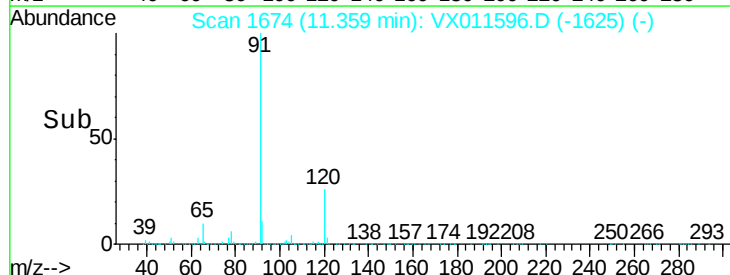
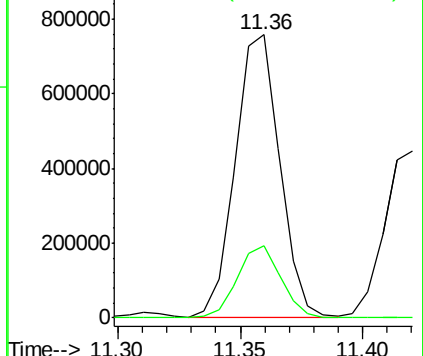
91 100

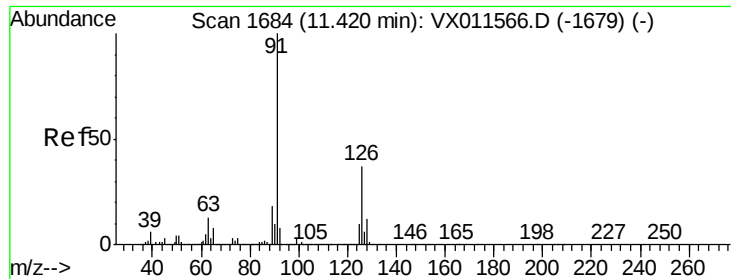
120 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.363 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 573925

Ion Ratio Lower Upper

91 100

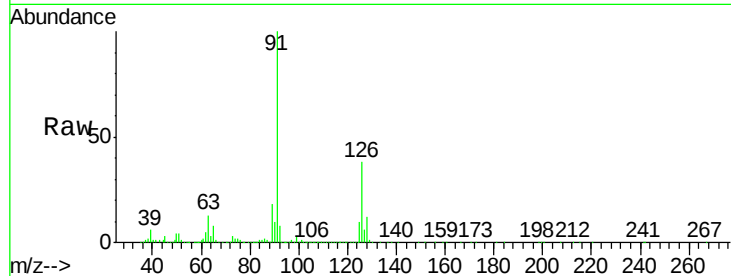
126 37.1 18.4 55.0

Manual Integrations

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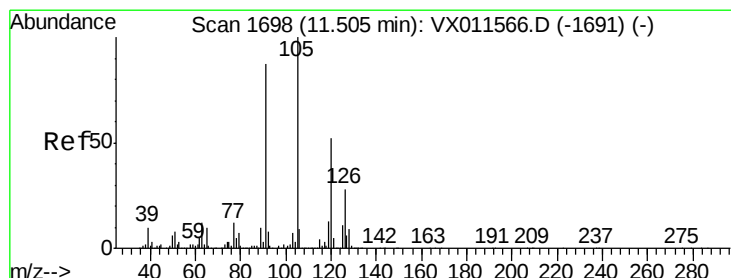
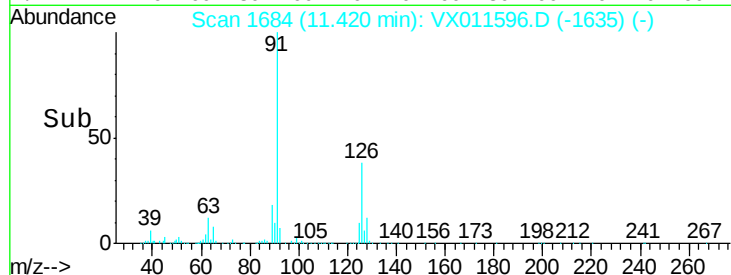
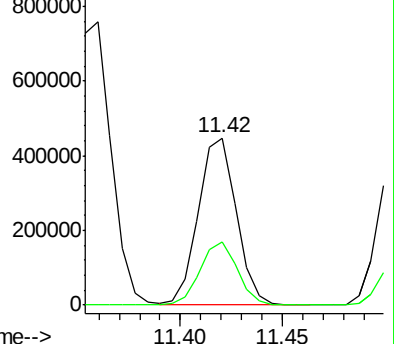
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.147 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011596.D

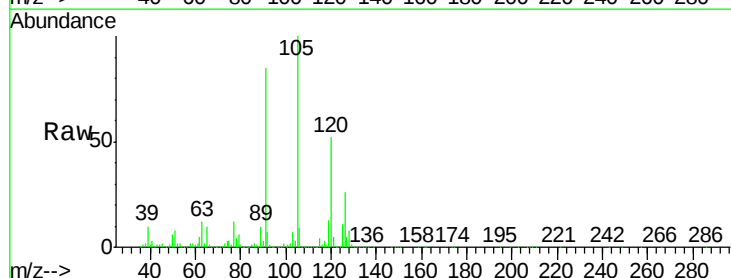
Acq: 16 Aug 2019 21:53

Tgt Ion: 105 Resp: 739466

Ion Ratio Lower Upper

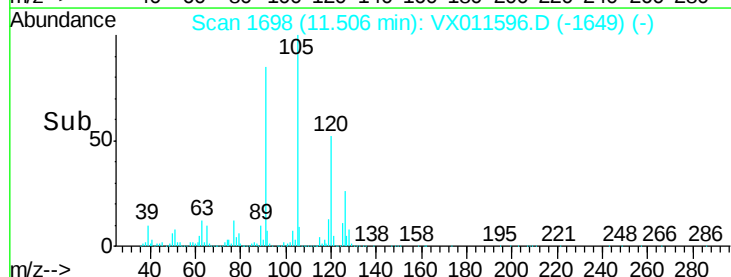
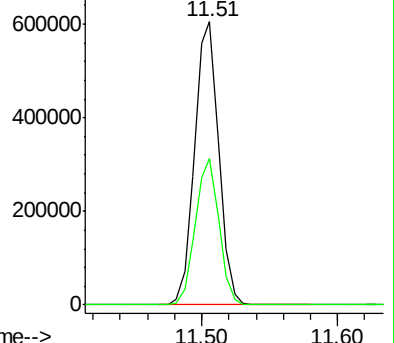
105 100

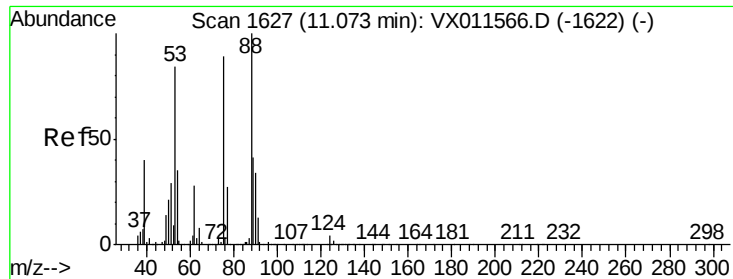
120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





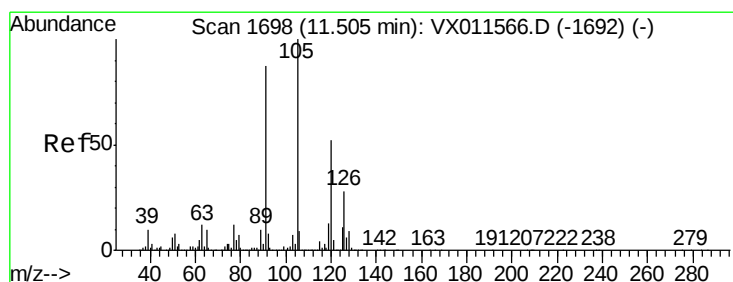
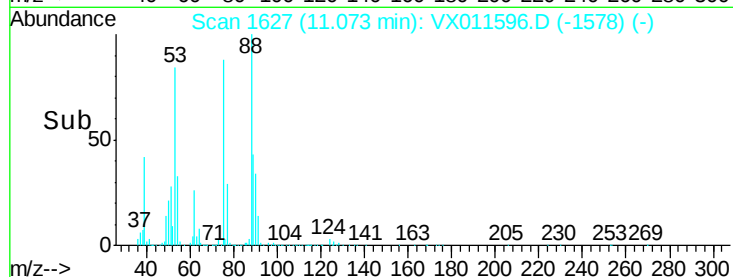
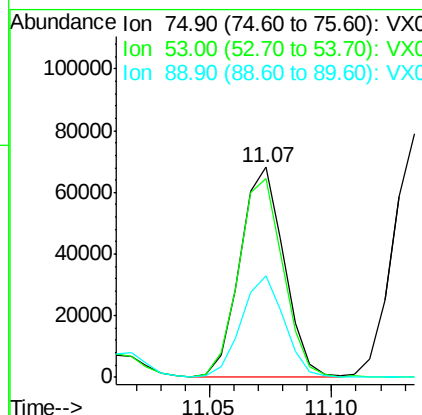
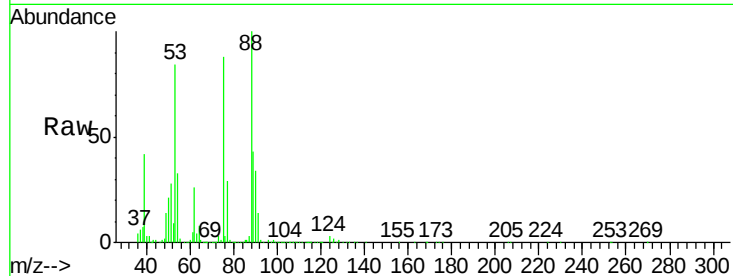
#81
trans-1,4-Dichloro-2-butene
Concen: 46.110 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	77.4	116.0
89	47.6	37.3	55.9

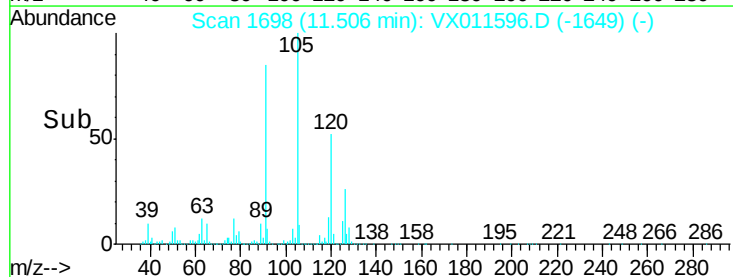
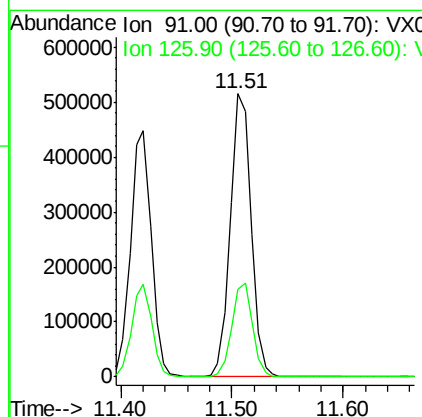
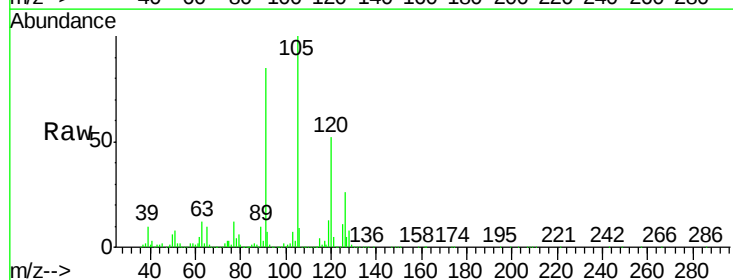
Manual Integrations
APPROVED

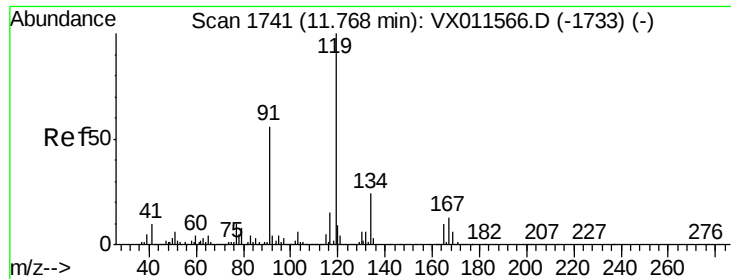
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#82
4-Chlorotoluene
Concen: 50.611 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.1





#83

tert-Butylbenzene

Concen: 51.184 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

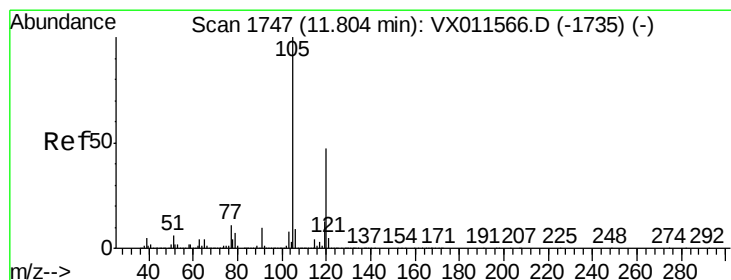
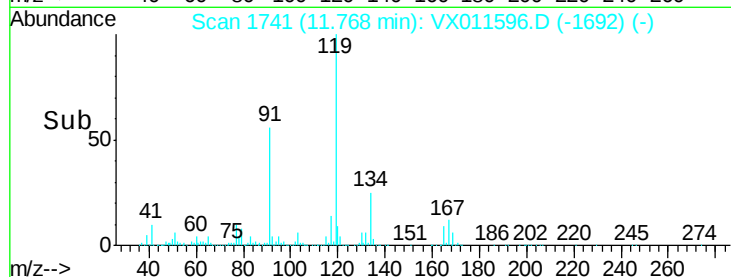
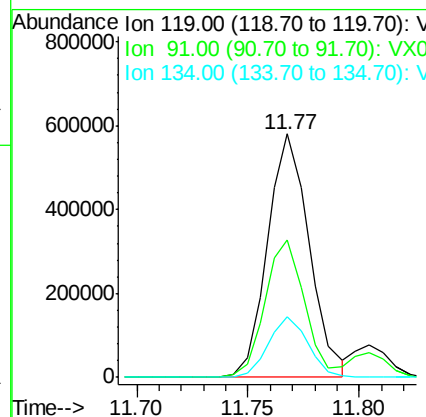
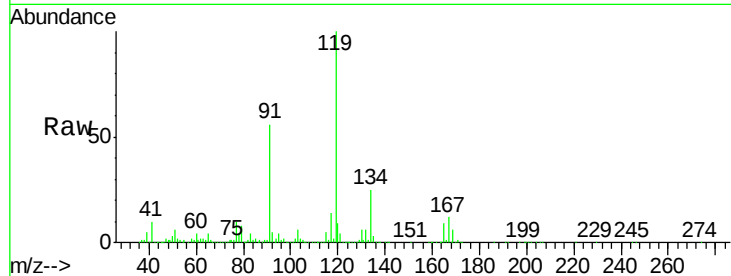
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	753680
Ion Ratio	Lower	Upper	
119	100		
91	54.2	27.1	81.3
134	23.8	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.034 ug/l

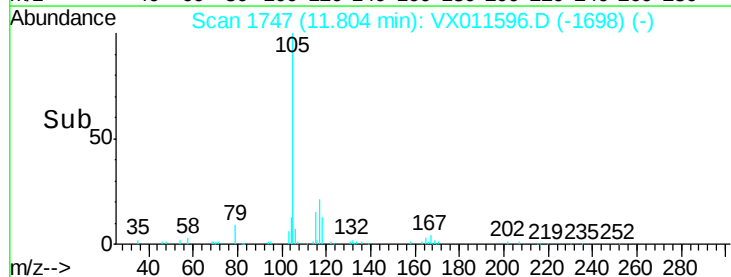
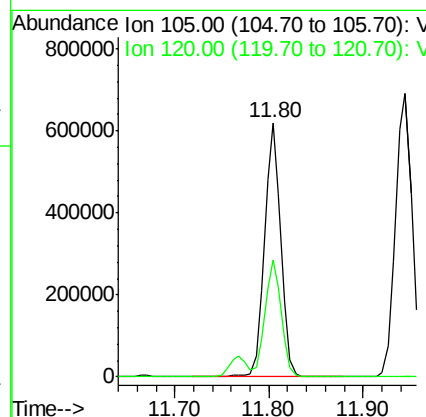
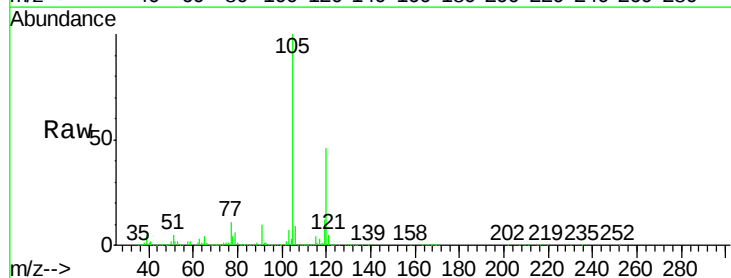
RT: 11.80 min Scan# 1747

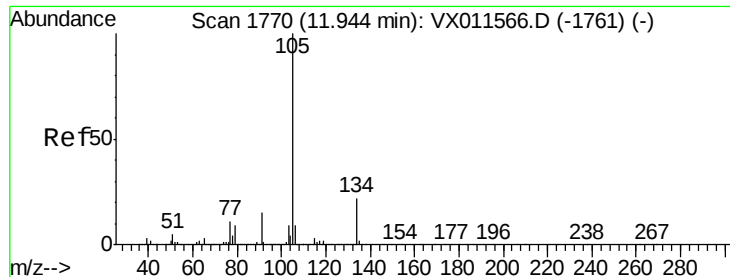
Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	105	Resp:	755245
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.3	69.9





#85

sec-Butylbenzene

Concen: 51.099 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 848923

Ion Ratio Lower Upper

105 100

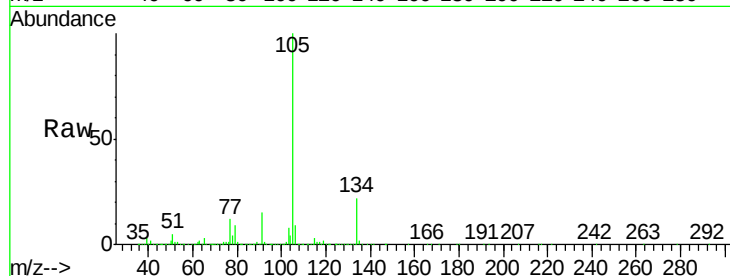
134 21.4 10.8 32.4

Manual Integrations

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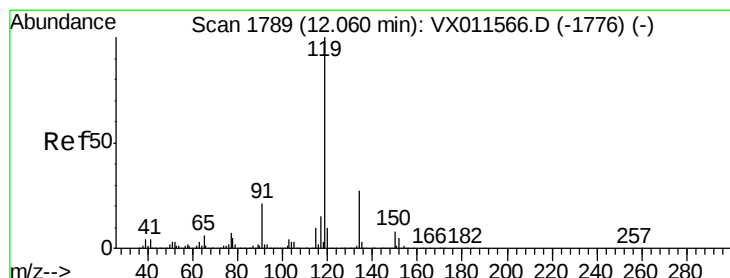
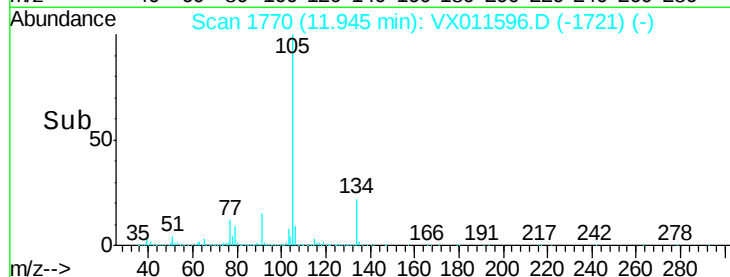
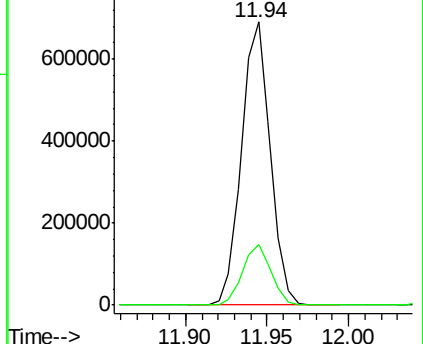
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.822 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

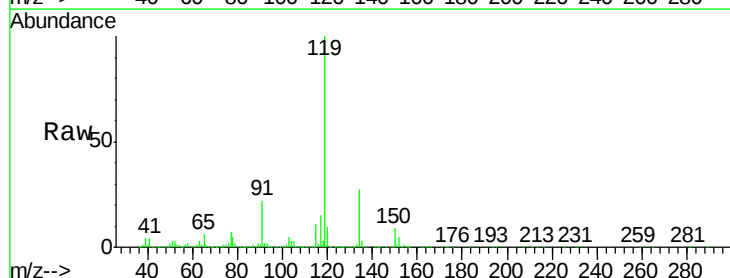
Tgt Ion:119 Resp: 809936

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

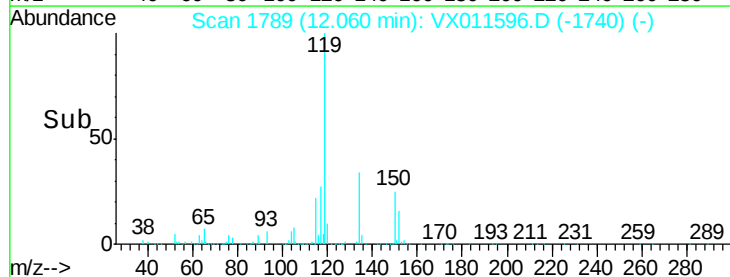
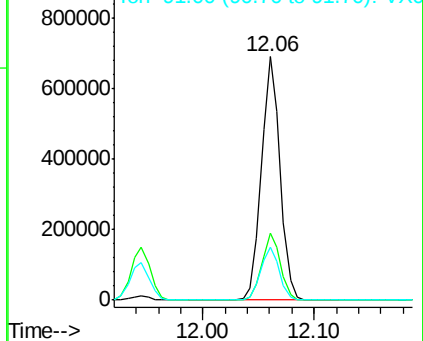
91 21.9 10.9 32.9

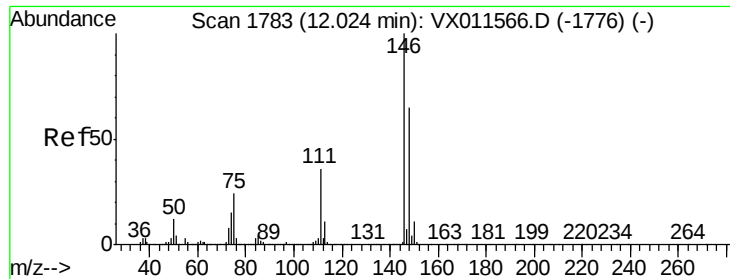


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





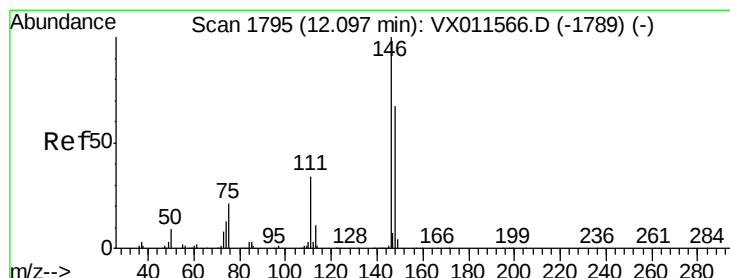
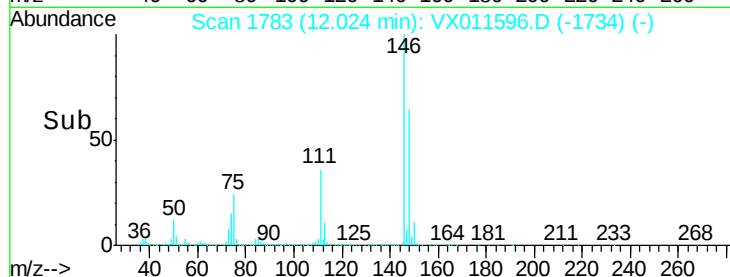
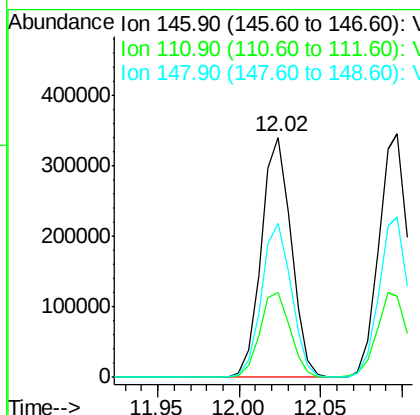
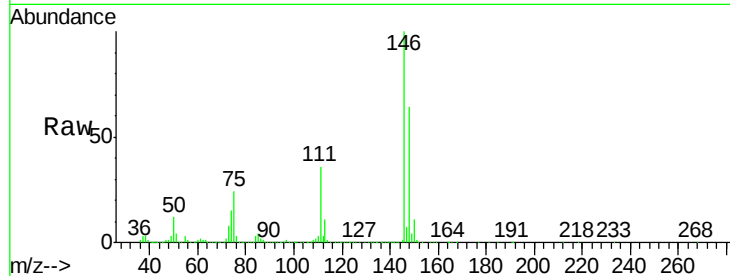
#87
 1,3-Dichlorobenzene
 Concen: 49.457 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	435297		
111	36.2	18.1	54.4	
148	64.0	32.0	96.0	

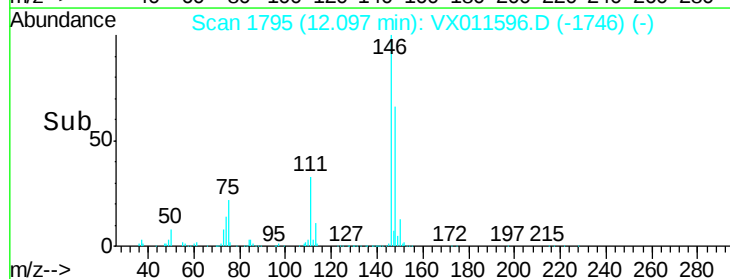
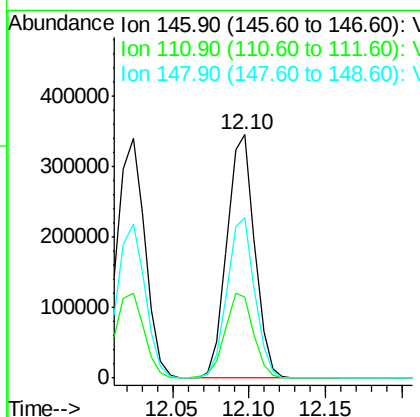
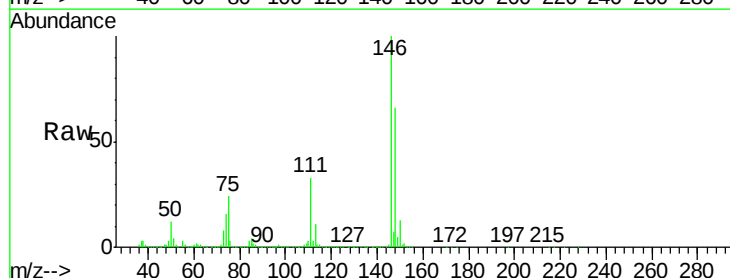
Manual Integrations
 APPROVED

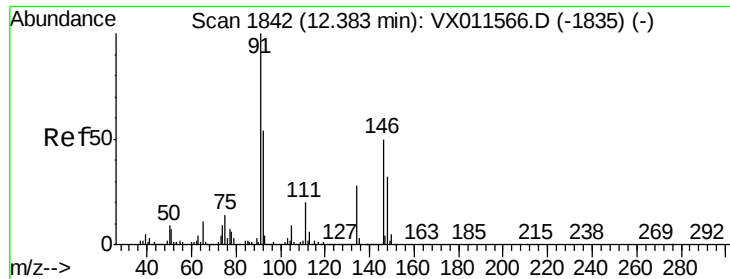
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#88
 1,4-Dichlorobenzene
 Concen: 48.743 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	434816		
111	35.6	17.9	53.7	
148	65.7	32.5	97.5	





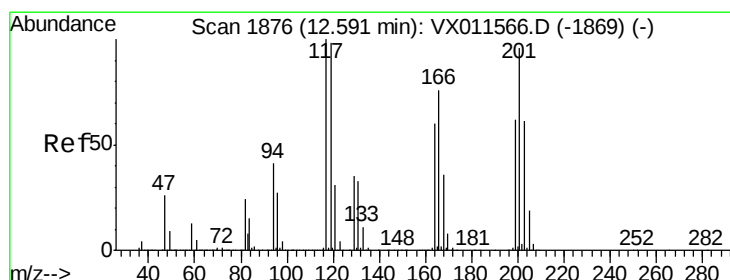
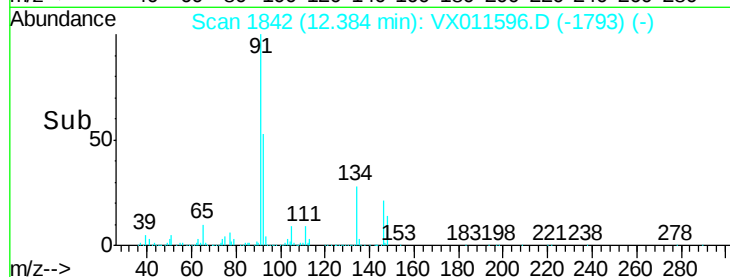
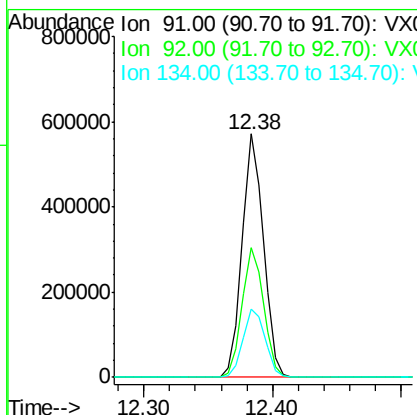
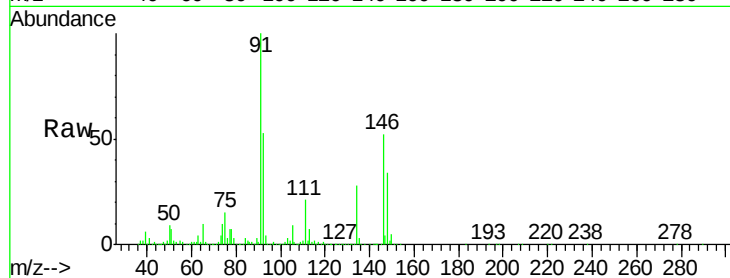
#89
n-Butylbenzene
Concen: 51.041 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	655843		
92	53.7	26.8	80.3	
134	29.2	14.6	44.0	

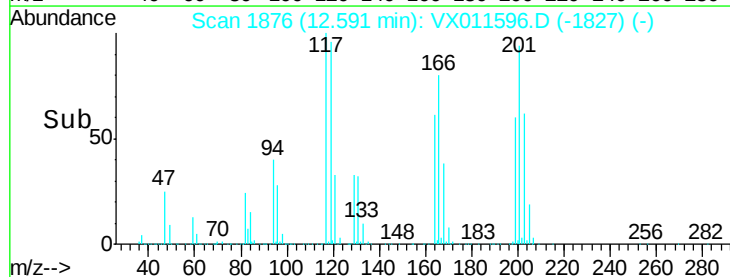
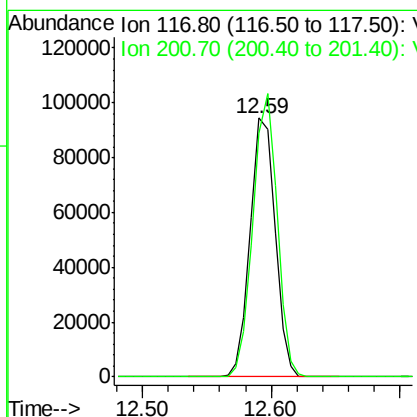
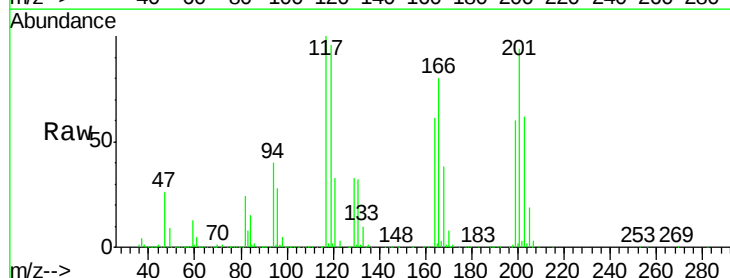
Manual Integrations
APPROVED

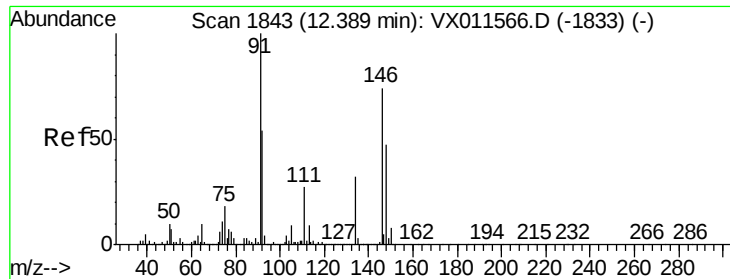
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#90
Hexachloroethane
Concen: 51.055 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011596.D
Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	126008		
201	105.6	51.9	155.7	





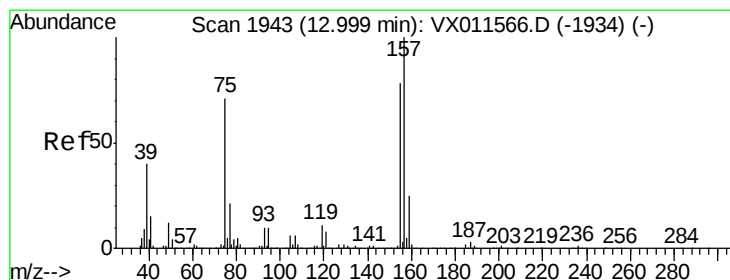
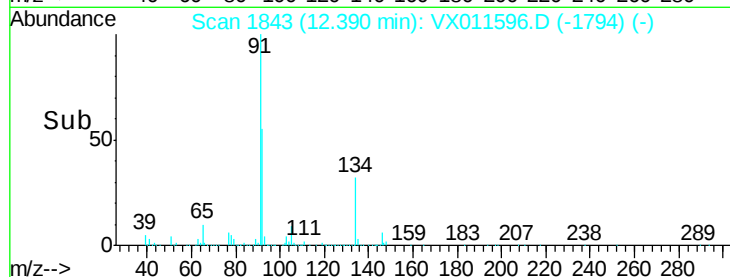
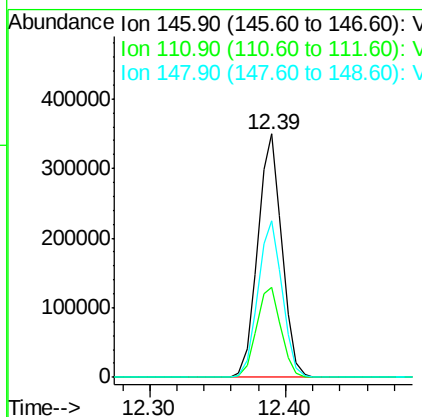
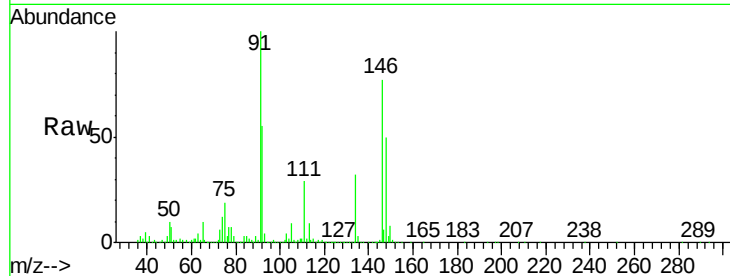
#91
 1,2-Dichlorobenzene
 Concen: 49.351 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.9	31.9	95.9

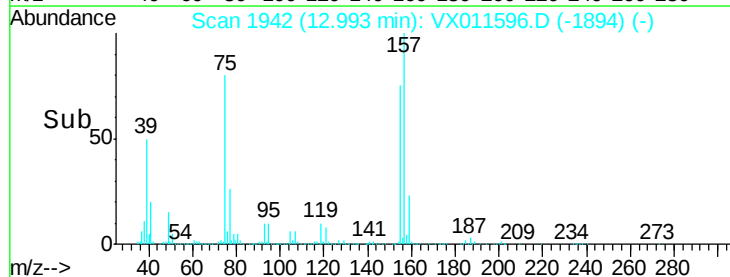
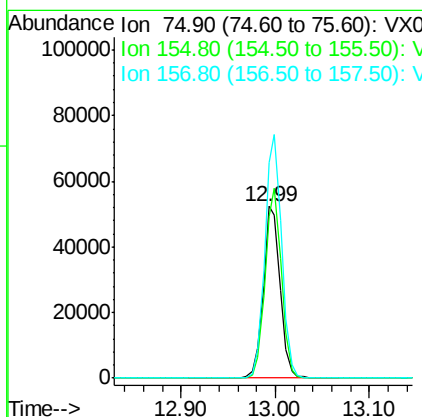
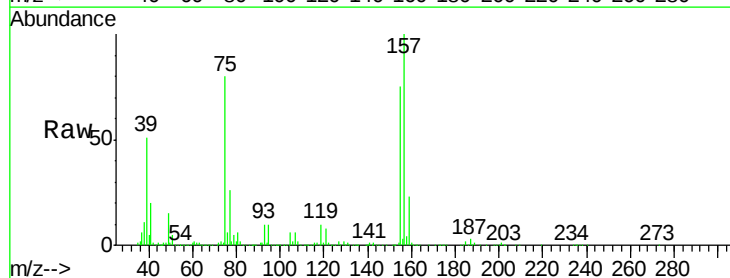
Manual Integrations
 APPROVED

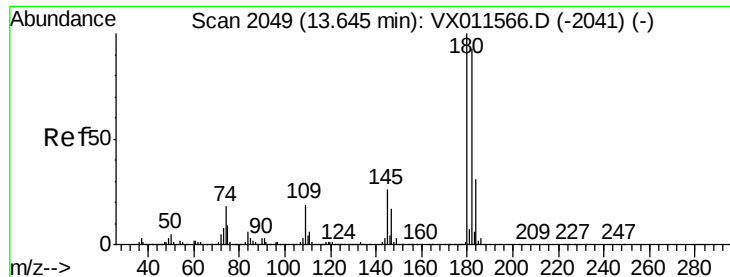
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.000 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.0	53.0	159.0
157	140.1	68.3	205.1





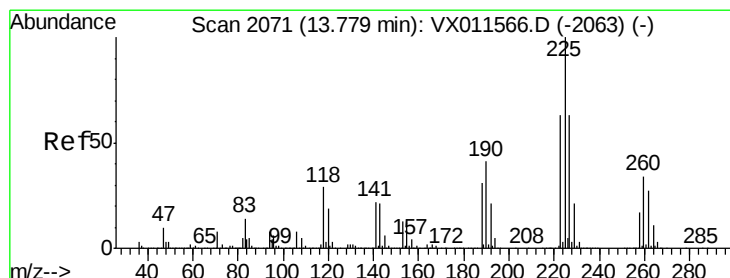
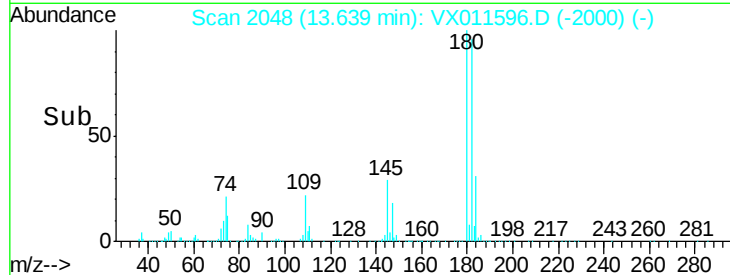
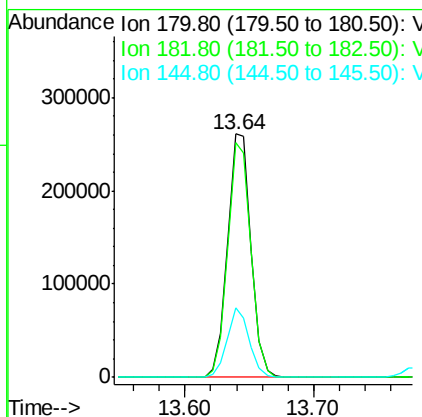
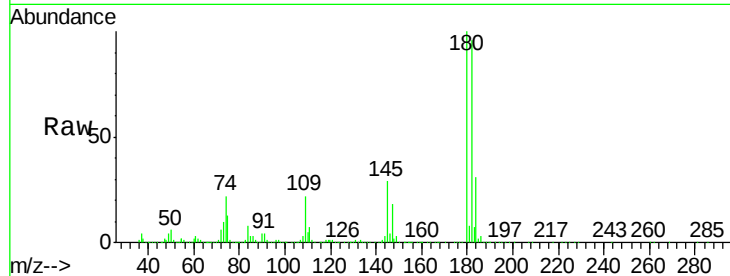
#93
 1,2,4-Trichlorobenzene
 Concen: 50.719 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	333887		
182	95.8	47.3	142.0	
145	26.9	13.6	40.8	

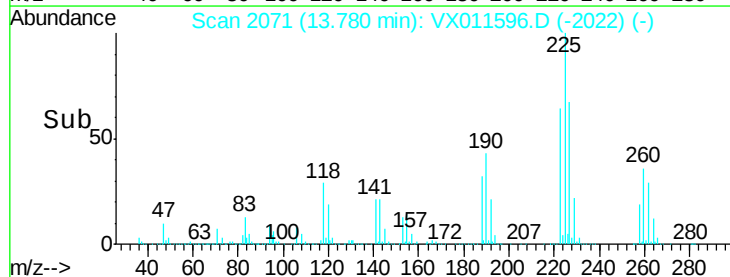
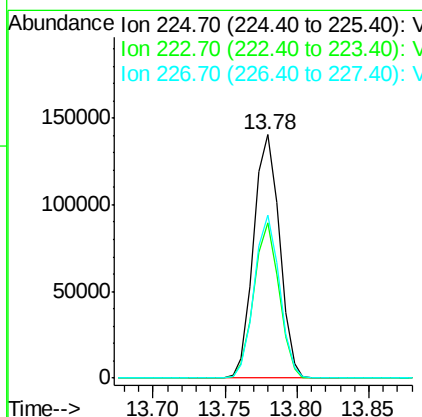
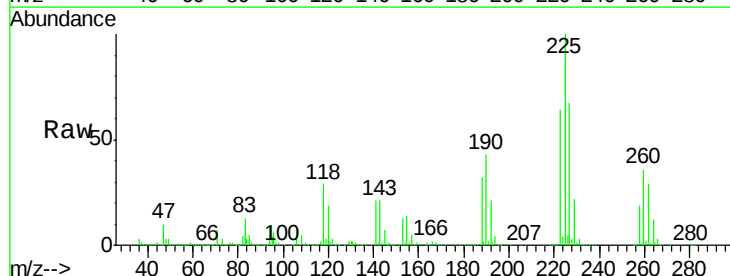
Manual Integrations
 APPROVED

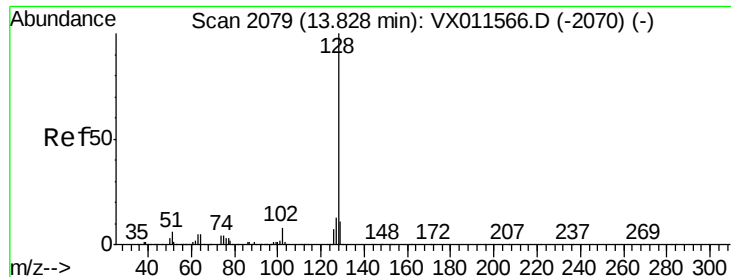
MMDadoda
 8/19/2019 10:29:23 AM



#94
 Hexachlorobutadiene
 Concen: 48.450 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011596.D
 Acq: 16 Aug 2019 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	173676		
223	62.0	31.4	94.0	
227	65.0	31.2	93.6	





#95

Naphthalene

Concen: 52.599 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Instrument :

MSVOA_X

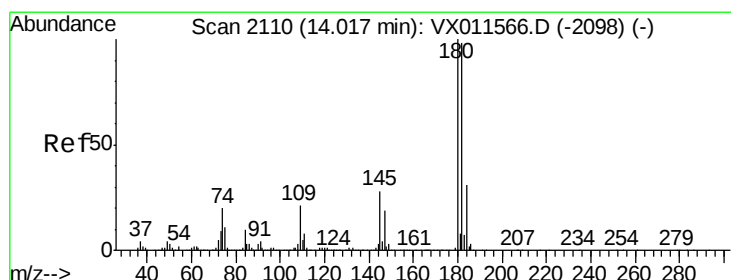
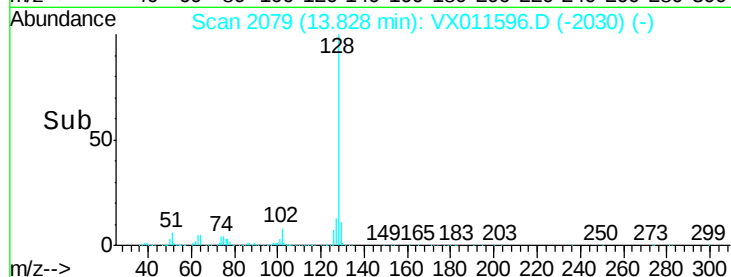
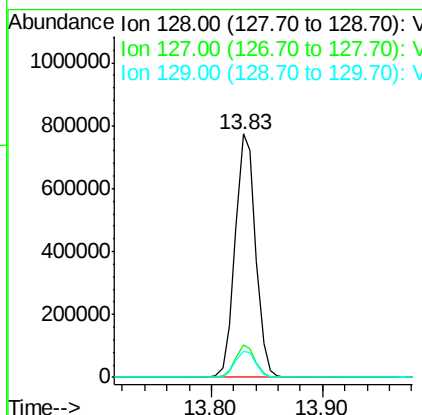
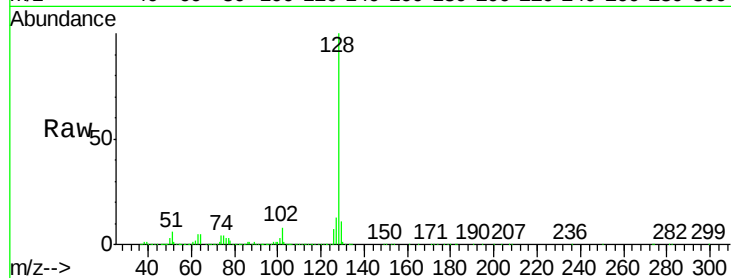
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	978889
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/19/2019 10:29:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.325 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011596.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	180	Resp:	340787
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	28.7	14.6	43.8

