

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008228.D
 Acq On : 20 Mar 2019 07:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:53 AM

Quant Time: Mar 20 09:21:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	202883	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	5.50	113	153455	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	8.71	98	573456	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	202916	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	165256	48.530	ug/l	99
3) Chloromethane	1.33	50	200078	46.825	ug/l	100
4) Vinyl Chloride	1.41	62	205860	48.321	ug/l	100
5) Bromomethane	1.64	94	178431	49.168	ug/l	98
6) Chloroethane	1.72	64	128708	48.184	ug/l	99
7) Trichlorofluoromethane	1.93	101	244613	44.991	ug/l	98
8) Diethyl Ether	2.19	74	151251	54.071	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	162720	45.077	ug/l	91
10) Methyl Iodide	2.51	142	249547	54.293	ug/l	96
11) Tert butyl alcohol	3.05	59	241683	266.885	ug/l	99
12) 1,1-Dichloroethene	2.37	96	175172	51.401	ug/l	92
13) Acrolein	2.29	56	138419	215.648	ug/l	100
14) Allyl chloride	2.73	41	378846	51.067	ug/l	94
15) Acrylonitrile	3.15	53	645624	269.544	ug/l	99
16) Acetone	2.45	43	562231	234.342	ug/l	98
17) Carbon Disulfide	2.57	76	539536	48.522	ug/l	100
18) Methyl Acetate	2.78	43	314478	56.618	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	670065	54.379	ug/l	99
20) Methylene Chloride	2.86	84	208482	52.112	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	187538	50.939	ug/l	95
22) Diisopropyl ether	3.86	45	777795	53.532	ug/l	92
23) Vinyl Acetate	3.82	43	3397721	272.759	ug/l	98
24) 1,1-Dichloroethane	3.70	63	395533	52.929	ug/l	99
25) 2-Butanone	4.68	43	932453	263.291	ug/l	97
26) 2,2-Dichloropropane	4.59	77	189574	33.675	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	219715	52.350	ug/l	95
28) Bromochloromethane	5.02	49	165819	49.416	ug/l	84
29) Tetrahydrofuran	5.13	42	613226	276.986	ug/l	97
30) Chloroform	5.21	83	368955	52.782	ug/l	99
31) Cyclohexane	5.58	56	330753	47.134	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	302565	52.033	ug/l	97
36) 1,1-Dichloropropene	5.80	75	272247	48.831	ug/l	97
37) Ethyl Acetate	4.84	43	359078	54.483	ug/l	98
38) Carbon Tetrachloride	5.79	117	249587	50.243	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	286737	42.737	ug/l	94
40) Benzene	6.15	78	847635	51.367	ug/l	100
41) Methacrylonitrile	5.04	41	201072	54.390	ug/l	97
42) 1,2-Dichloroethane	6.20	62	309352	51.174	ug/l	96
43) Isopropyl Acetate	6.45	43	575385	54.467	ug/l	98
44) Trichloroethene	7.21	130	201822	50.020	ug/l	91
45) 1,2-Dichloropropane	7.51	63	238317	51.590	ug/l	100
46) Dibromomethane	7.66	93	144753	51.754	ug/l	87
47) Bromodichloromethane	7.90	83	282759	53.047	ug/l	99
48) Methyl methacrylate	7.77	41	300693	53.533	ug/l	94
49) 1,4-Dioxane	7.74	88	100590	1014.816	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1841295	269.608	ug/l	98
52) Toluene	8.79	92	496738	50.740	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	304186	45.694	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	333930	50.479	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	211754	53.535	ug/l	98
56) Ethyl methacrylate	9.18	69	353770	50.980	ug/l	93
57) 1,3-Dichloropropane	9.37	76	371755	53.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	810749	250.170	ug/l	95
59) 2-Hexanone	9.49	43	1382815	262.998	ug/l	96
60) Dibromochloromethane	9.59	129	209873	55.210	ug/l	99
61) 1,2-Dibromoethane	9.67	107	219351	53.110	ug/l	99
64) Tetrachloroethene	9.34	164	197071	50.611	ug/l	96
65) Chlorobenzene	10.14	112	526477	49.574	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	193406	52.233	ug/l	99
67) Ethyl Benzene	10.25	91	936037	50.016	ug/l	97
68) m/p-Xylenes	10.36	106	687273	99.973	ug/l	94
69) o-Xylene	10.70	106	340602	50.988	ug/l	96
70) Styrene	10.71	104	558984	51.490	ug/l	96
71) Bromoform	10.85	173	152019	47.753	ug/l #	99
73) Isopropylbenzene	11.02	105	883737	50.208	ug/l	99
74) N-amyl acetate	10.90	43	486403	52.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315727	50.024	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	272801m	49.118	ug/l	
77) Bromobenzene	11.26	156	218664	51.382	ug/l	86
78) n-propylbenzene	11.36	91	1017195	49.757	ug/l	96
79) 2-Chlorotoluene	11.42	91	609031	49.635	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	734218	50.491	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	91912	42.412	ug/l	94
82) 4-Chlorotoluene	11.51	91	709996	49.725	ug/l	96
83) tert-Butylbenzene	11.77	119	680861	49.042	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	751284	50.963	ug/l	98
85) sec-Butylbenzene	11.94	105	847299	49.283	ug/l	96
86) p-Isopropyltoluene	12.06	119	738052	49.594	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	384599	50.569	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	382100	48.571	ug/l	98
89) n-Butylbenzene	12.39	91	661158	47.334	ug/l	97
90) Hexachloroethane	12.60	117	130396	51.447	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	382301	49.853	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71126	50.738	ug/l	79

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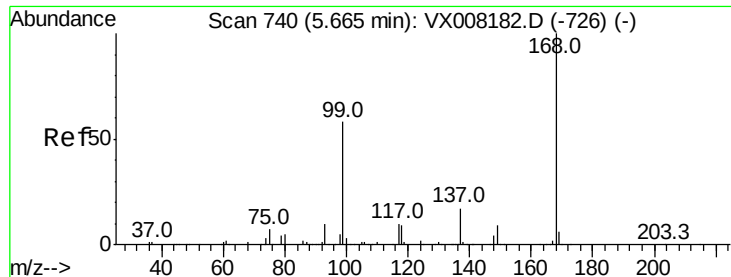
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252693	50.027	ug/l	99
94) Hexachlorobutadiene	13.78	225	115398	46.843	ug/l	99
95) Naphthalene	13.83	128	848603	53.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256707	51.649	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 280870

Ion Ratio Lower Upper

168 100

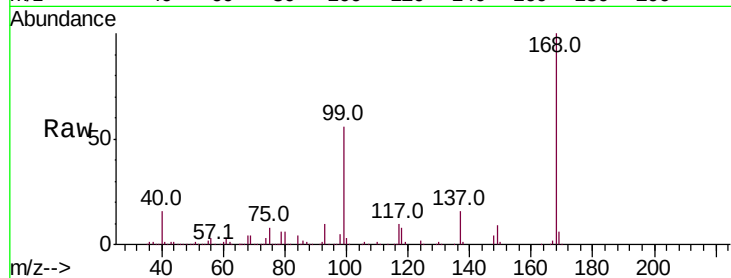
99 55.9 37.6 56.4

Manual Integrations

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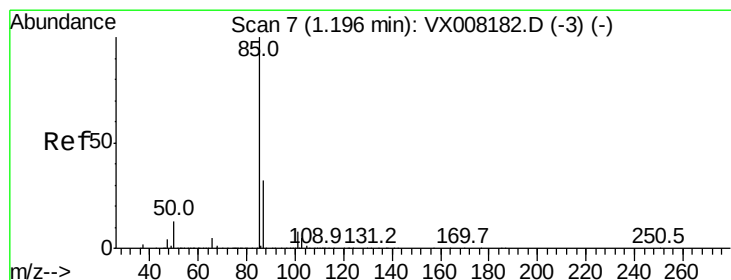
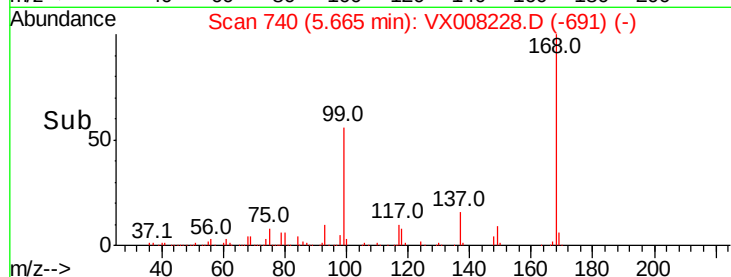
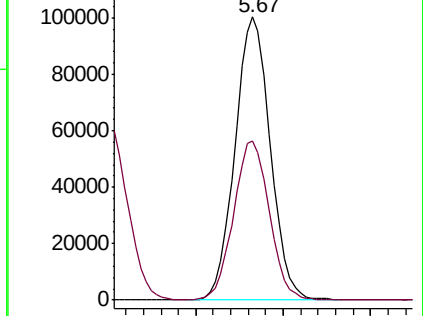
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.530 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008228.D

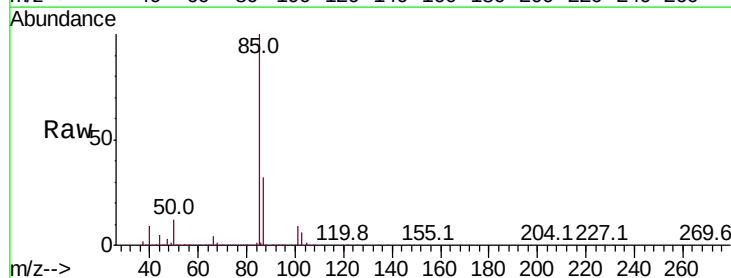
Acq: 20 Mar 2019 07:46

Tgt Ion: 85 Resp: 165256

Ion Ratio Lower Upper

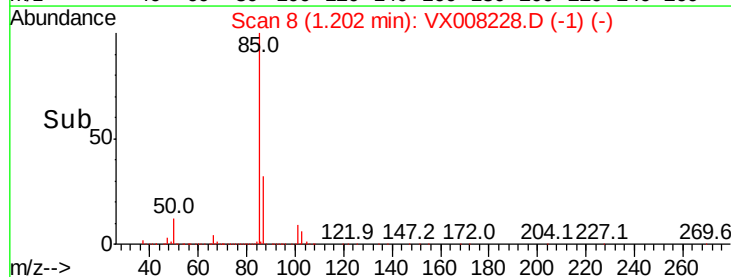
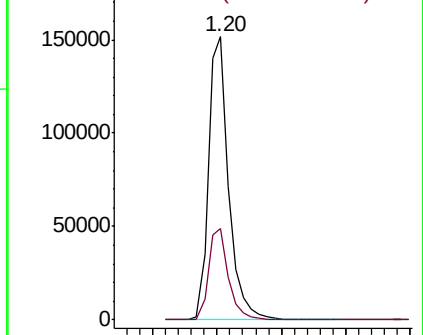
85 100

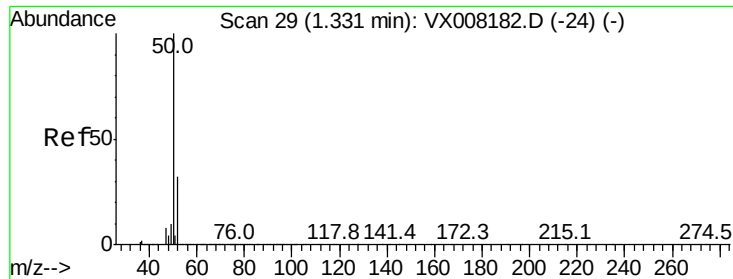
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.825 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 200078

Ion Ratio Lower Upper

50 100

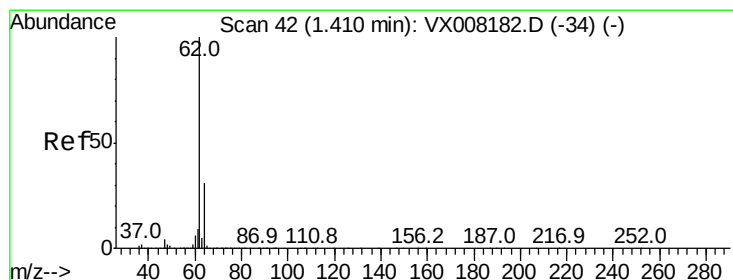
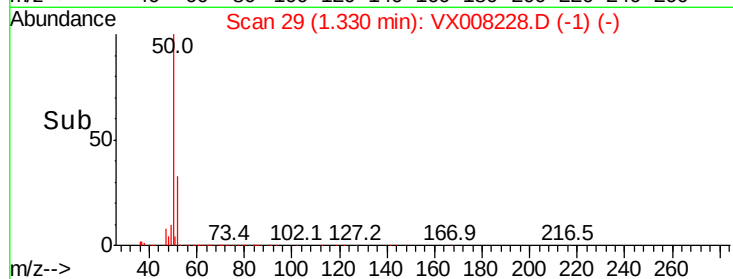
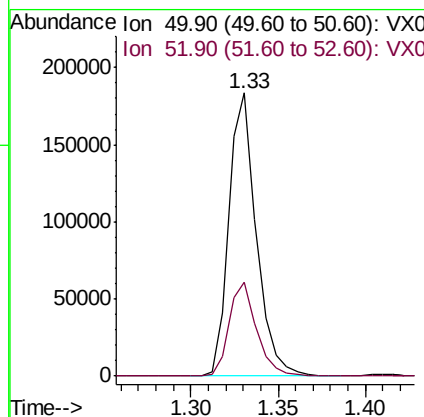
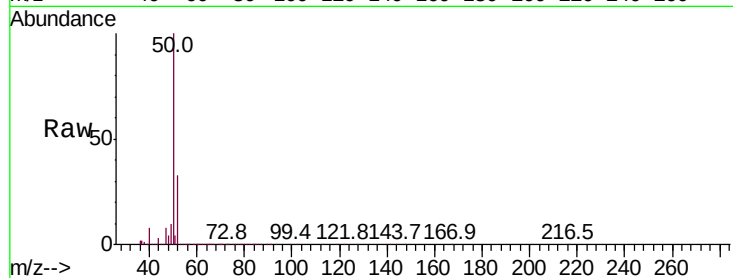
52 33.0 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.321 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008228.D

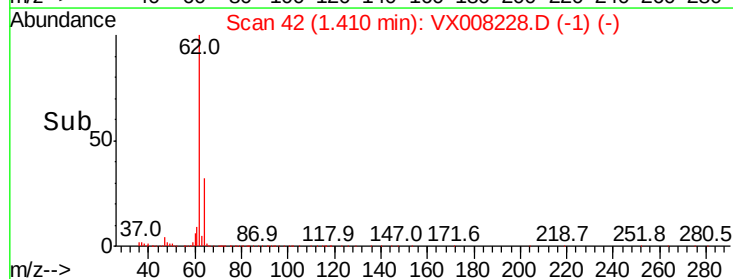
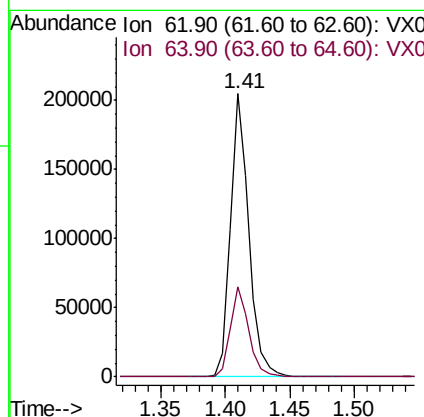
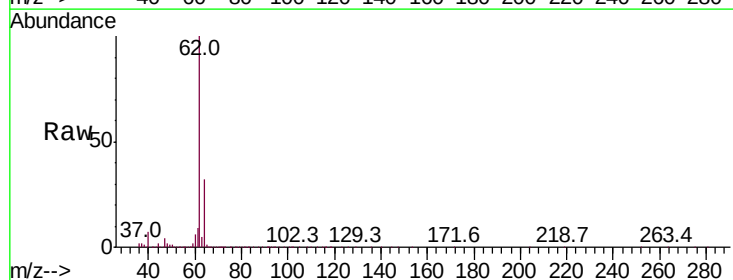
Acq: 20 Mar 2019 07:46

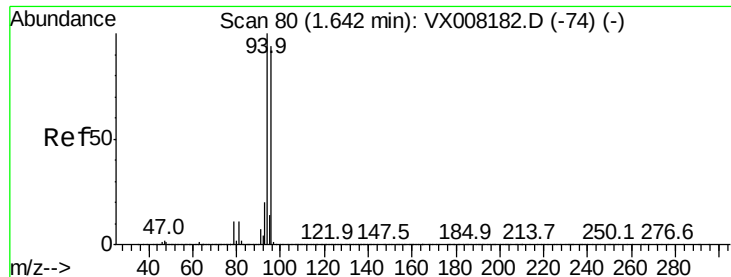
Tgt Ion: 62 Resp: 205860

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 49.168 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 178431

Ion Ratio Lower Upper

94 100

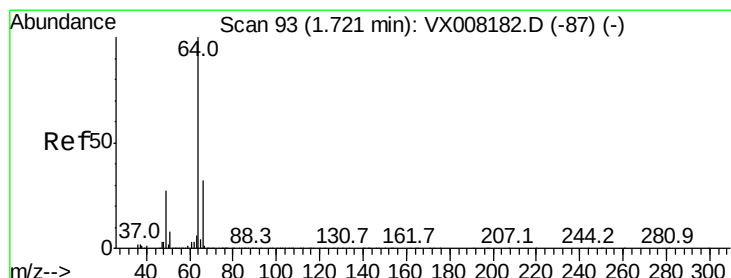
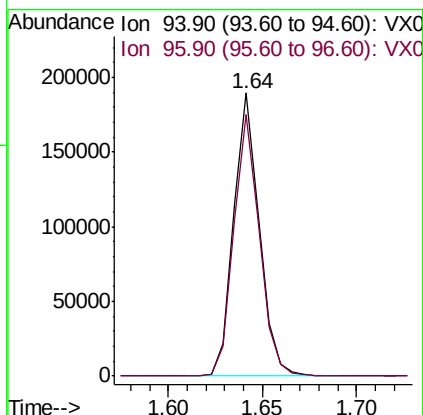
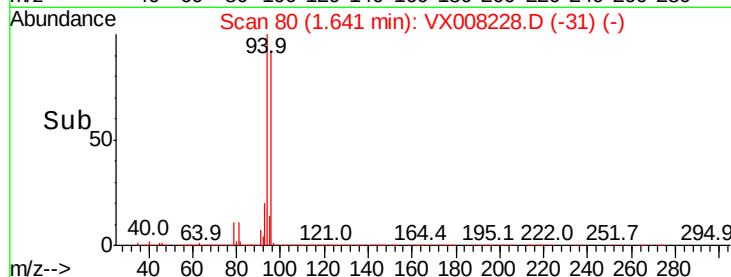
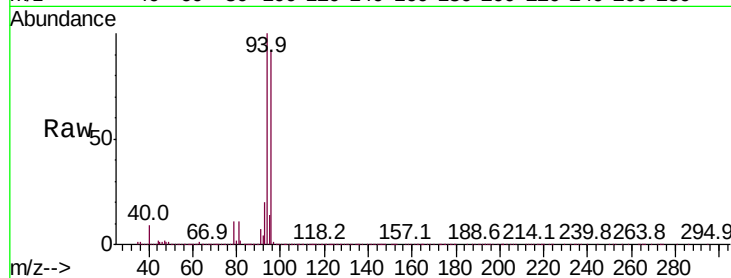
96 92.4 75.5 113.3

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3/20/2019 10:27:53 AM



#6

Chloroethane

Concen: 48.184 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008228.D

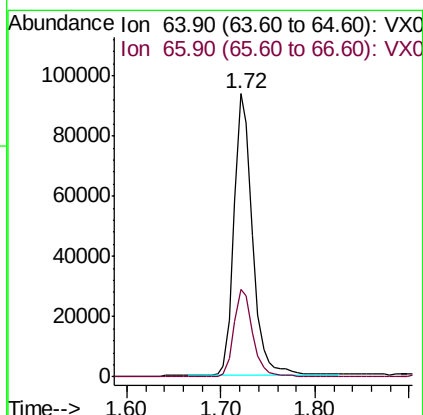
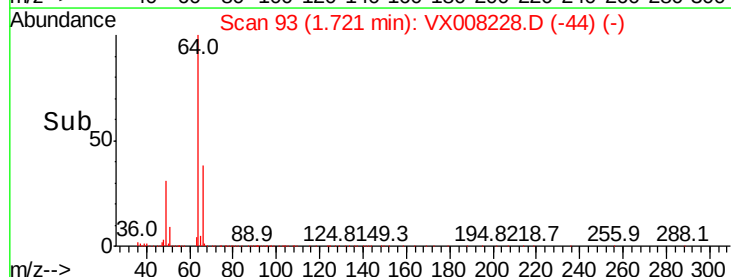
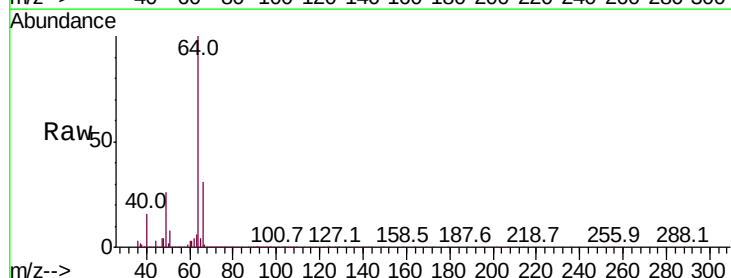
Acq: 20 Mar 2019 07:46

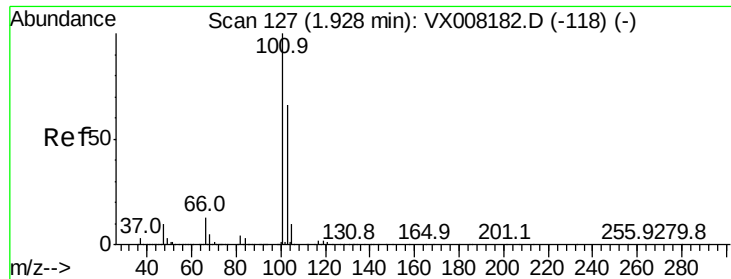
Tgt Ion: 64 Resp: 128708

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8





#7

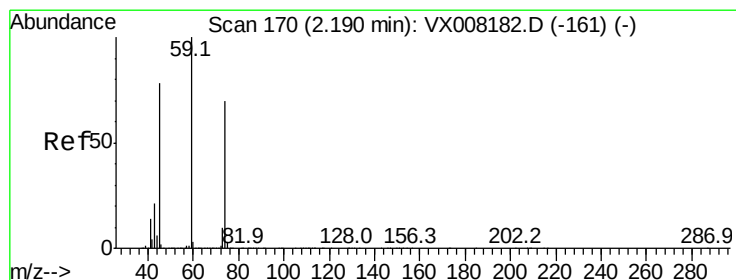
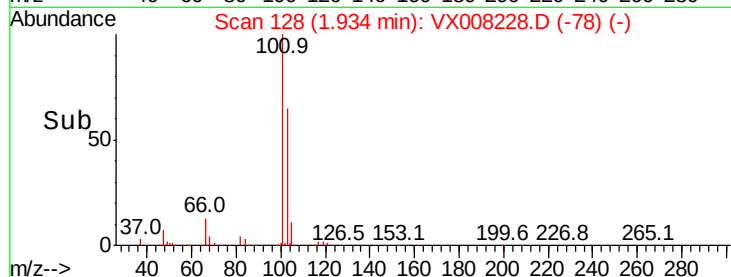
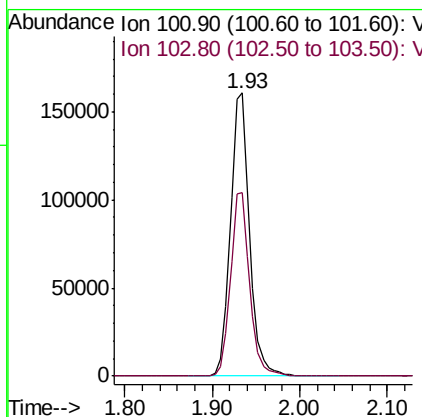
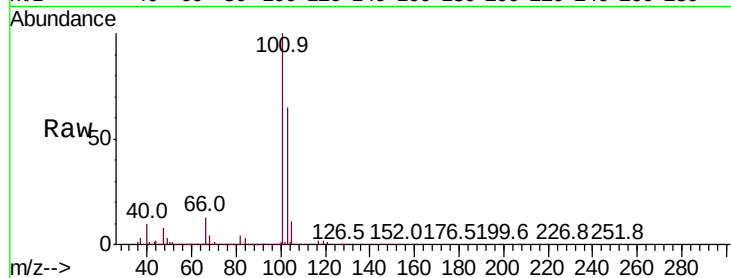
Trichlorofluoromethane
Concen: 44.991 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.4	75.6

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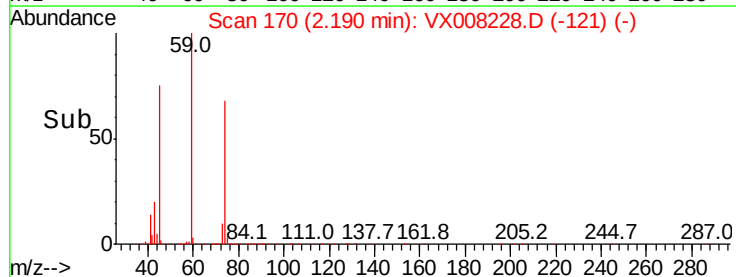
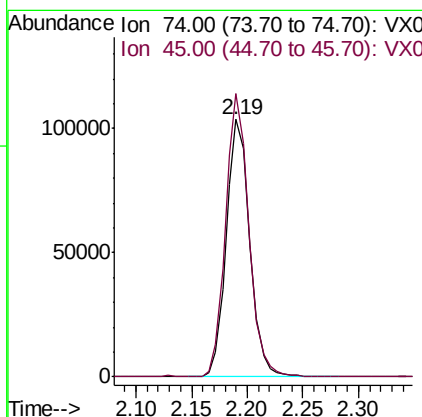
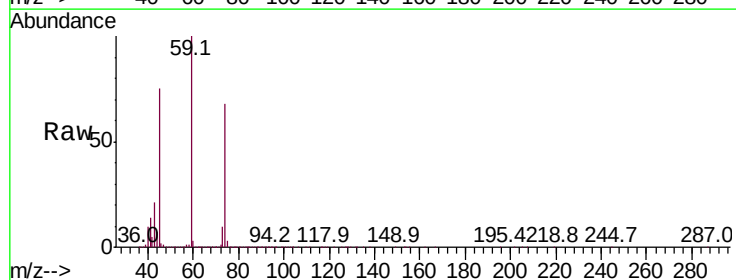
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3/20/2019 10:27:53 AM

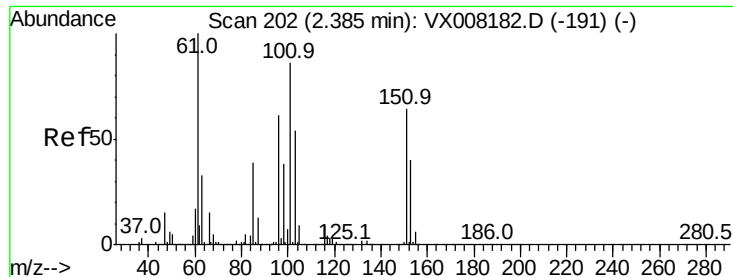


#8

Diethyl Ether
Concen: 54.071 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.8	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.077 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

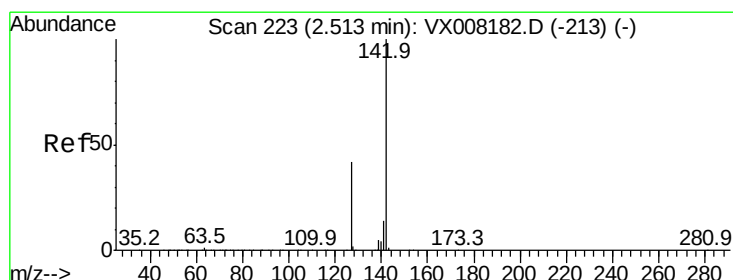
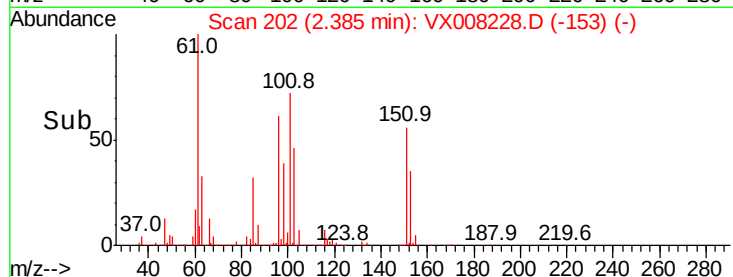
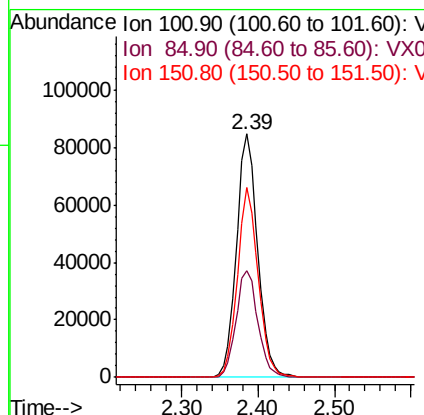
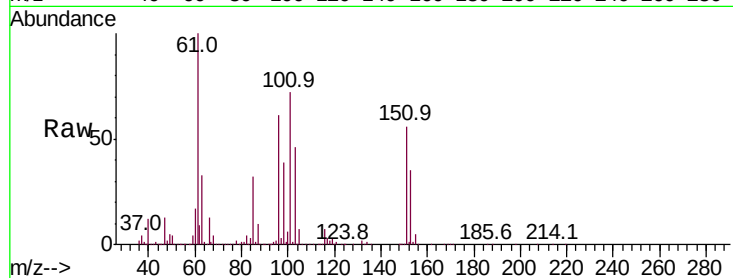
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	162720
Ion Ratio	Lower	Upper	
101	100		
85	45.1	33.8	50.6
151	76.0	69.1	103.7

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#10

Methyl Iodide

Concen: 54.293 ug/l

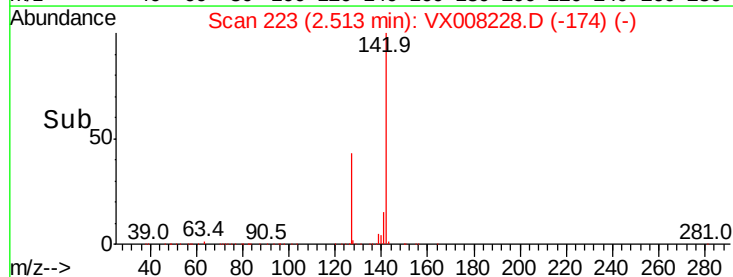
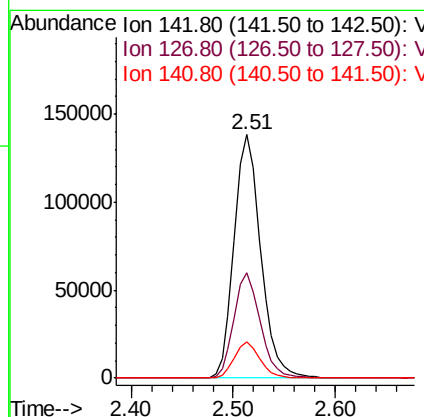
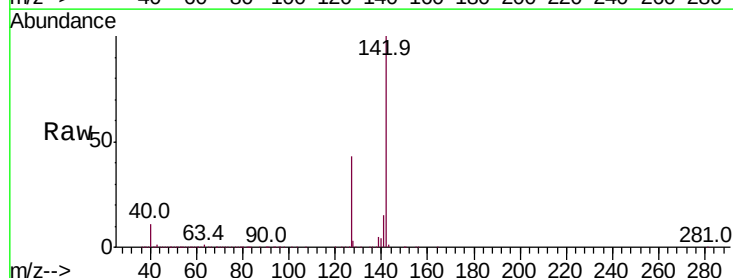
RT: 2.51 min Scan# 223

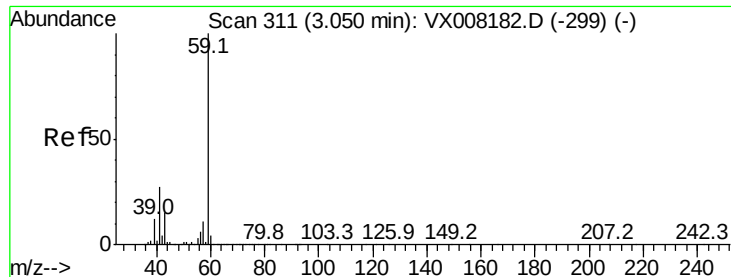
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	142	Resp:	249547
Ion Ratio	Lower	Upper	
142	100		
127	43.0	32.1	48.1
141	14.5	11.4	17.2





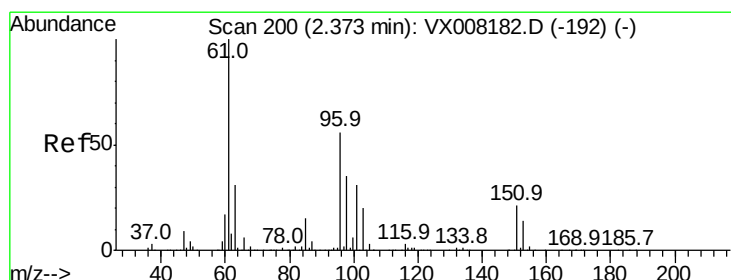
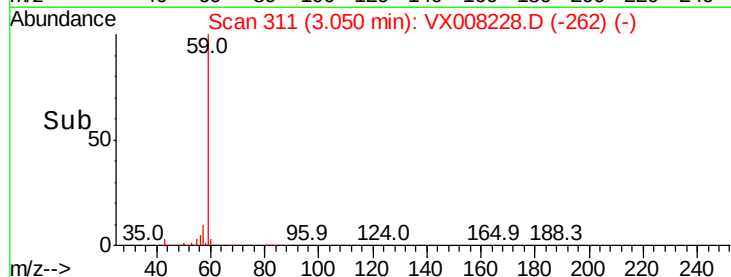
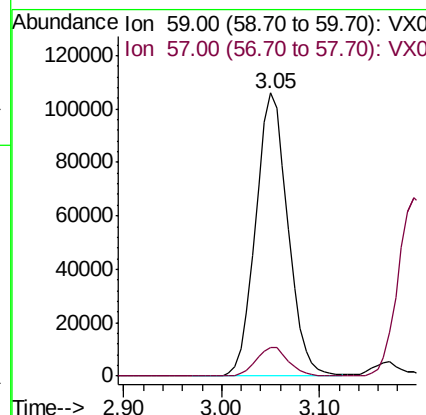
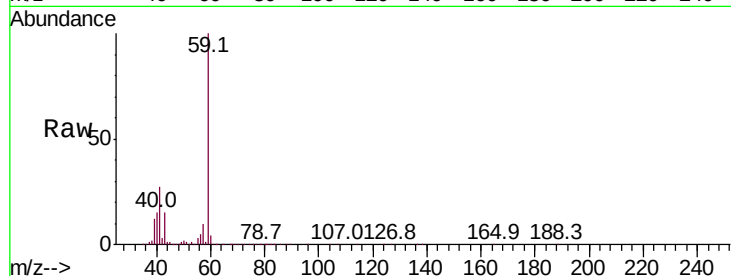
#11
Tert butyl alcohol
Concen: 266.885 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

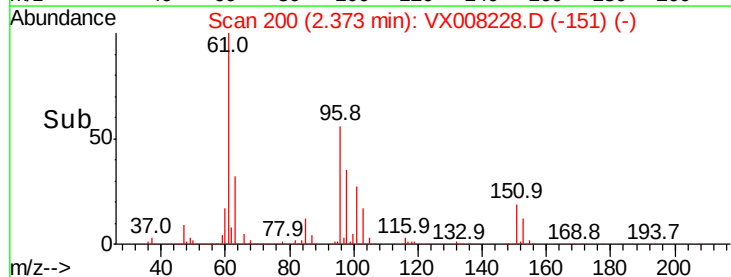
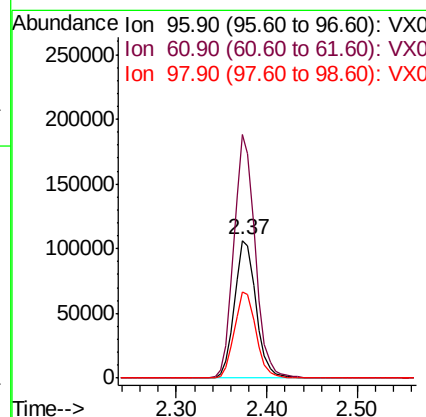
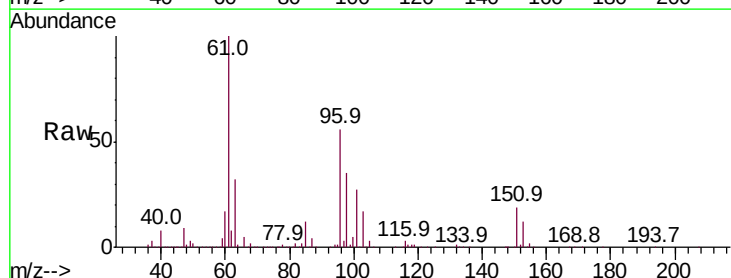
Manual Integrations
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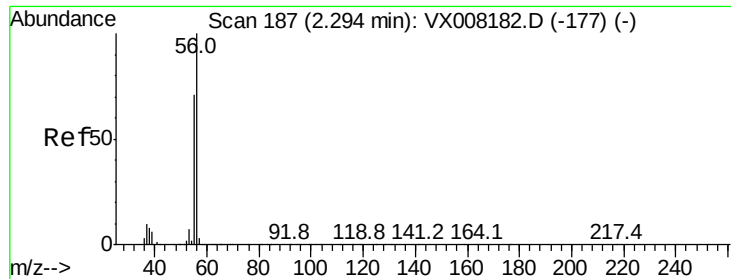
MMDadoda
3/20/2019 10:27:53 AM



#12
1,1-Dichloroethene
Concen: 51.401 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.0	129.8	194.6
98	62.8	51.0	76.6





#13

Acrolein

Concen: 215.648 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 138419

Ion Ratio Lower Upper

56 100

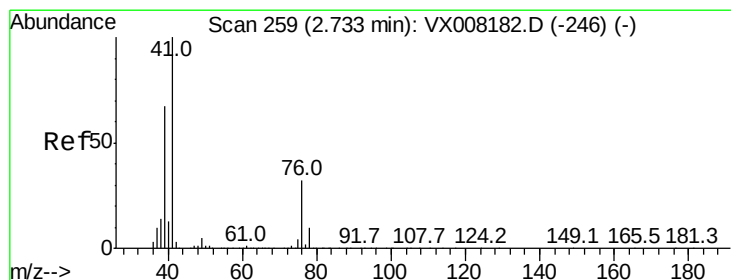
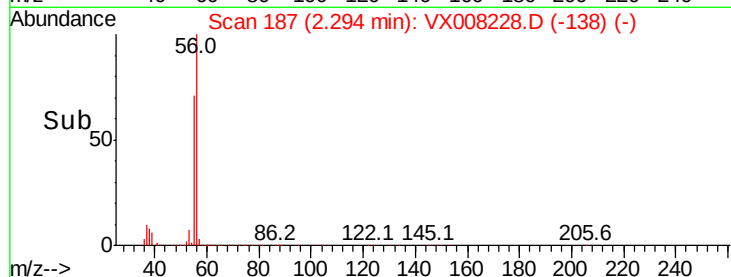
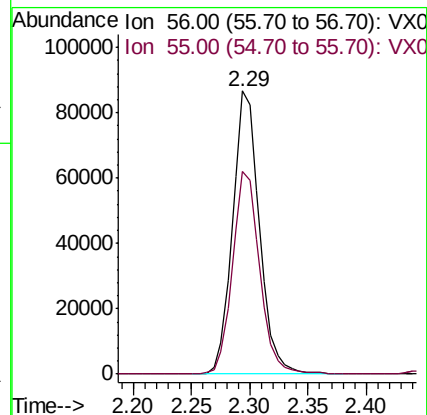
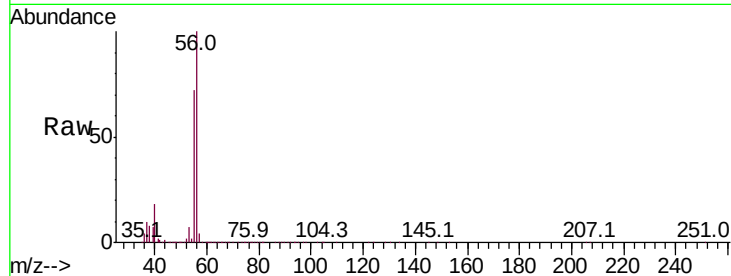
55 72.4 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 51.067 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

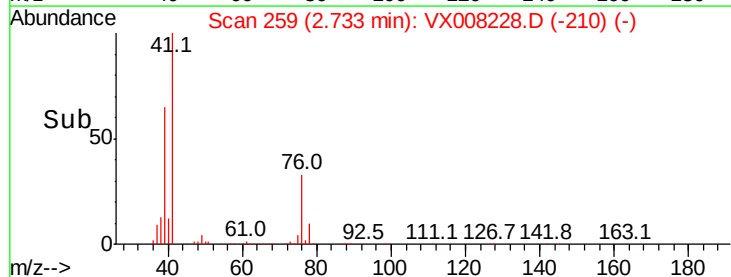
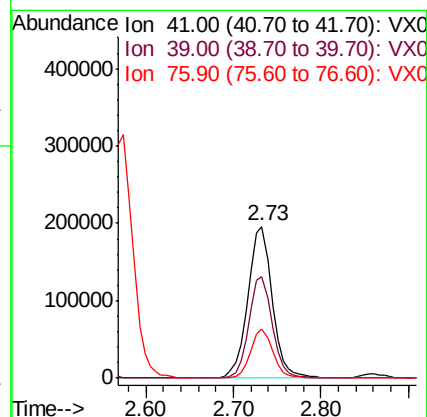
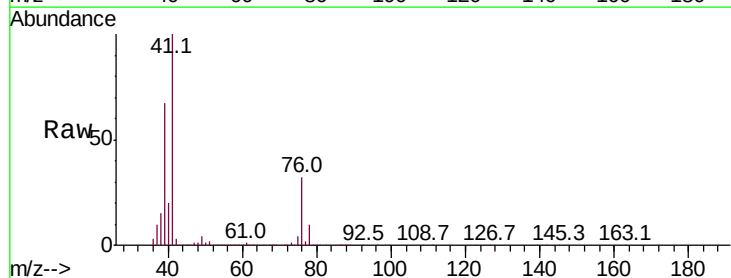
Tgt Ion: 41 Resp: 378846

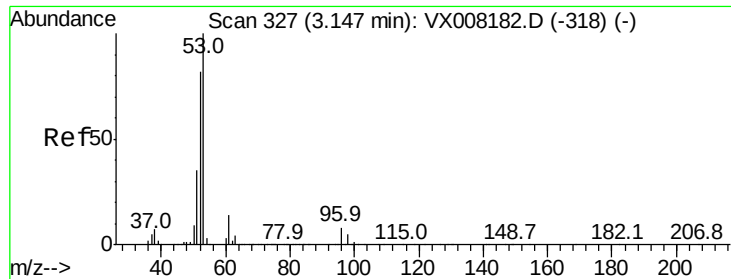
Ion Ratio Lower Upper

41 100

39 63.9 46.1 69.1

76 29.4 24.0 36.0





#15

Acrylonitrile

Concen: 269.544 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

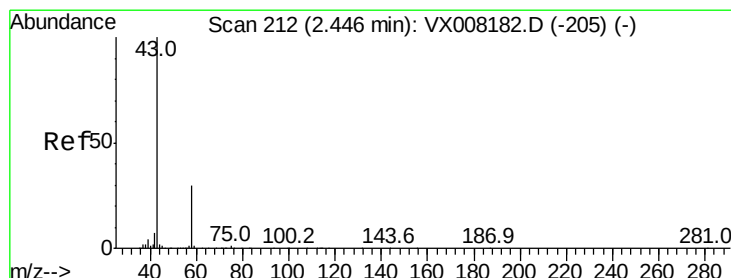
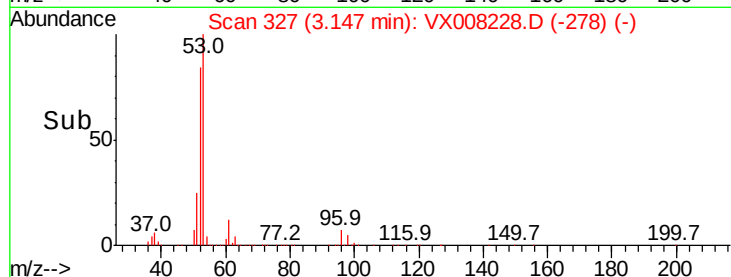
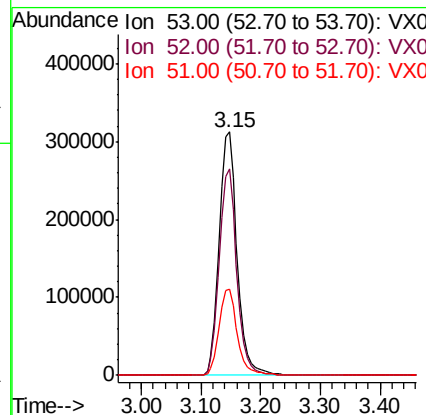
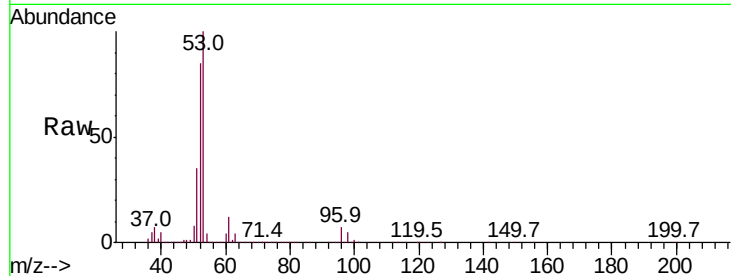
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	645624
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.0	99.0
51	36.1	28.0	42.0

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#16

Acetone

Concen: 234.342 ug/l

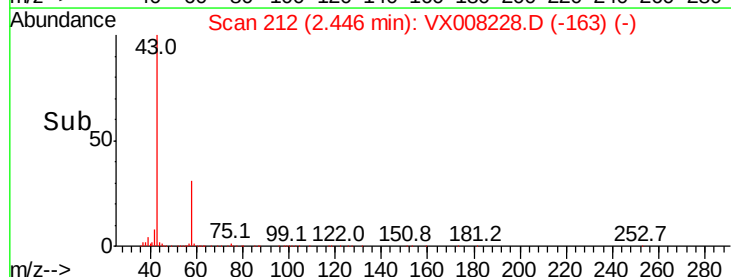
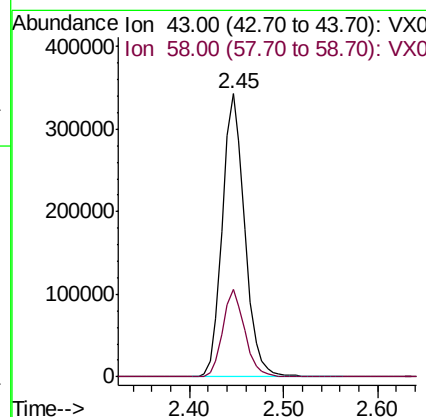
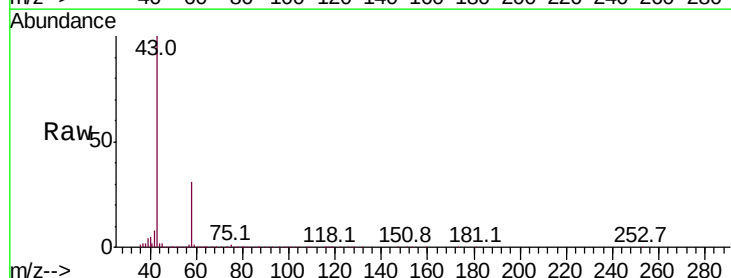
RT: 2.45 min Scan# 212

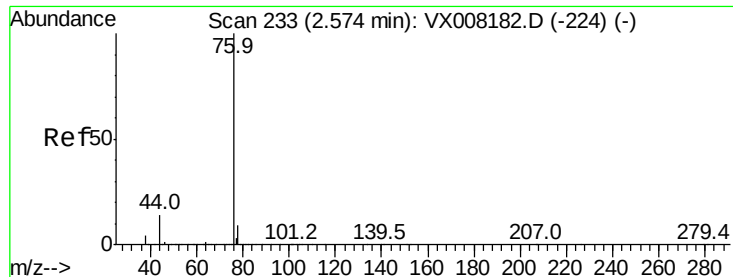
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	43	Resp:	562231
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.5	38.3





#17

Carbon Disulfide

Concen: 48.522 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

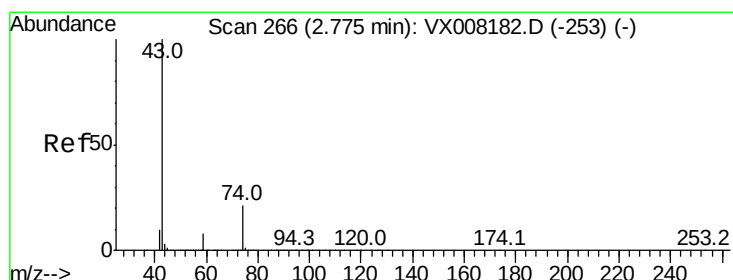
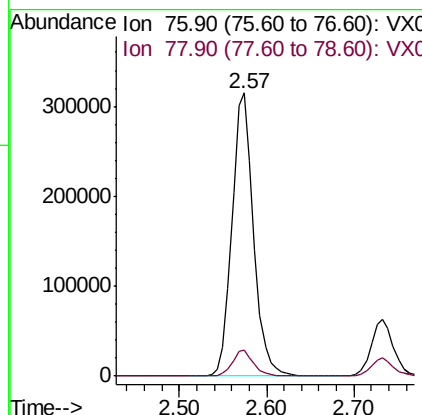
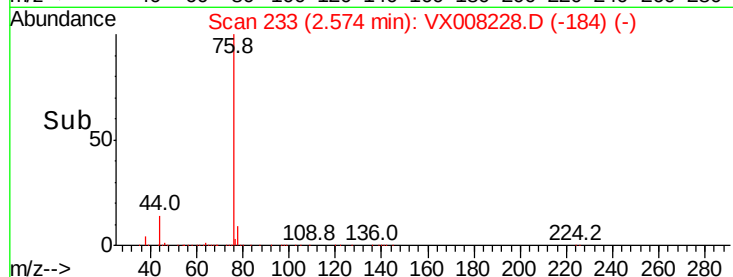
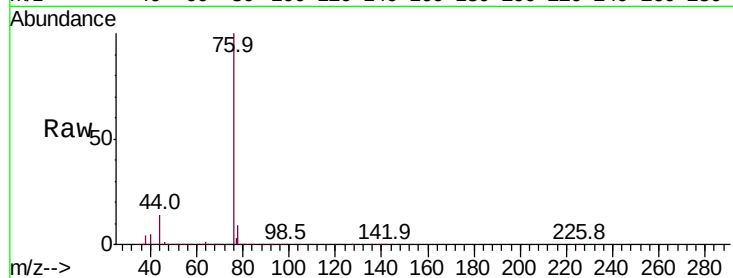
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 539536

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

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#18

Methyl Acetate

Concen: 56.618 ug/l

RT: 2.78 min Scan# 266

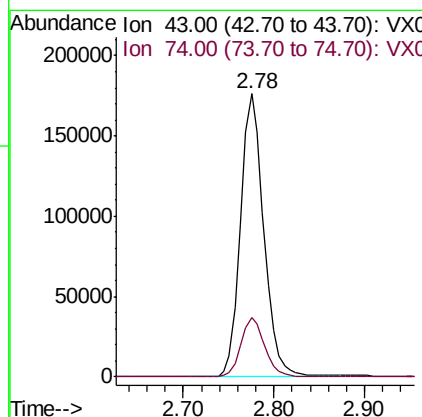
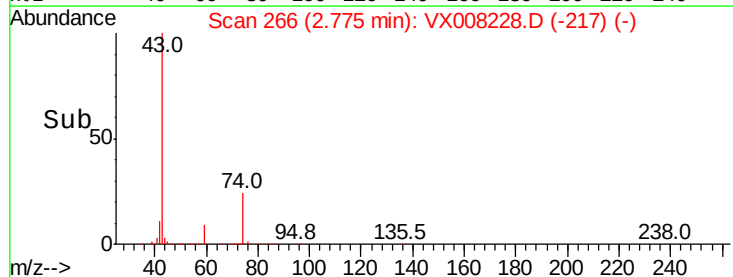
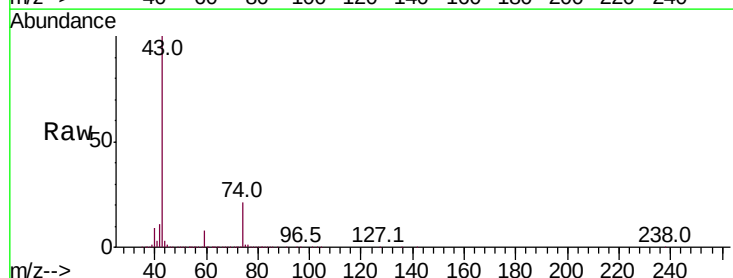
Delta R.T. -0.00 min

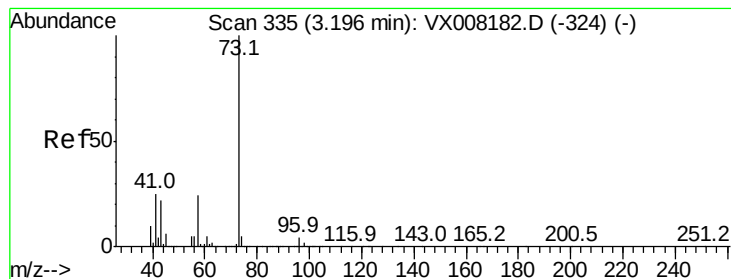
Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 314478

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.8	26.6





#19

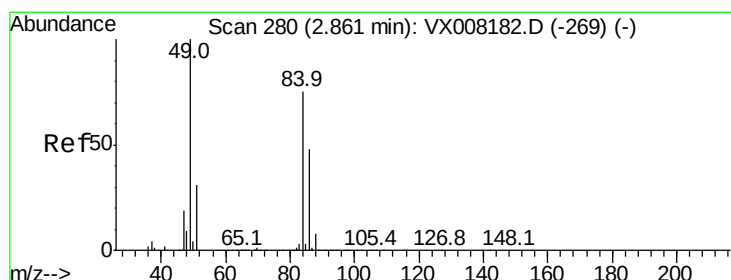
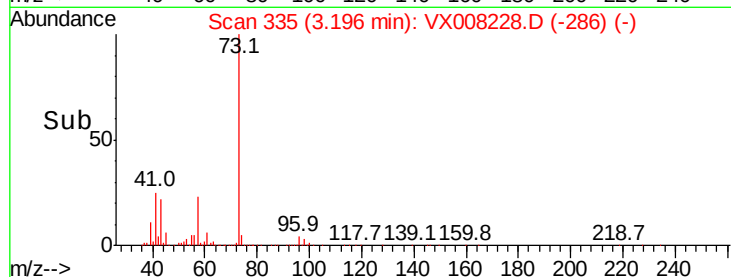
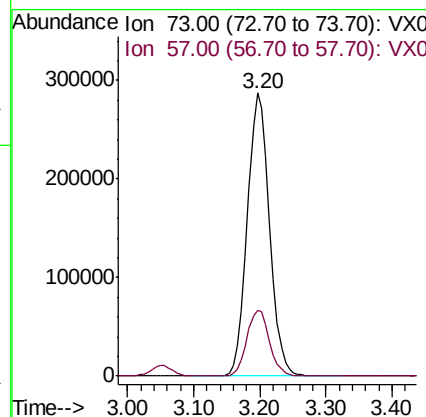
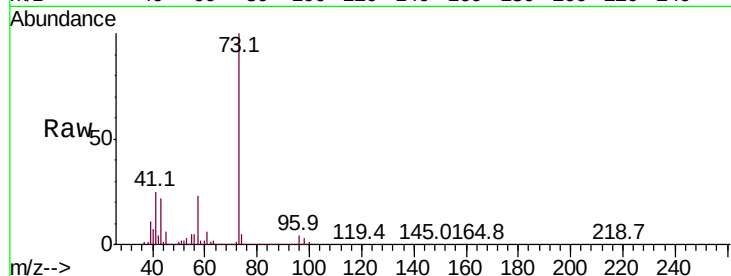
Methyl tert-butyl Ether
 Concen: 54.379 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.2	27.4

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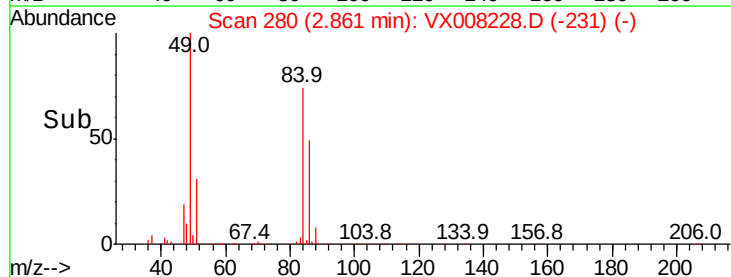
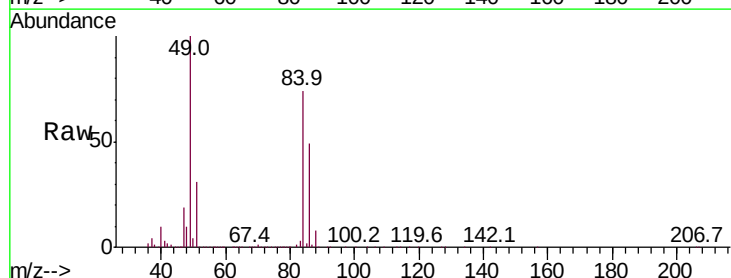
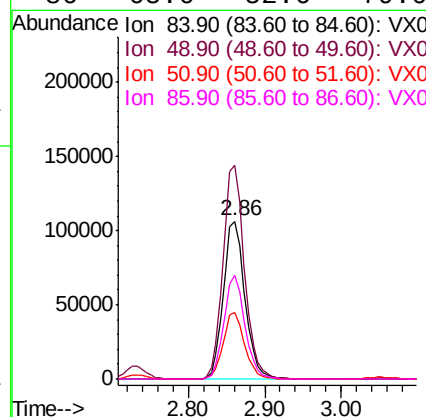
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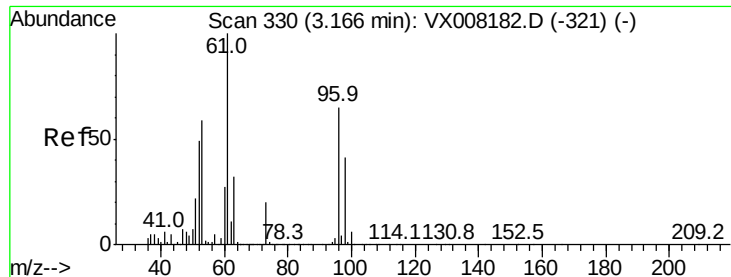


#20

Methylene Chloride
 Concen: 52.112 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.1	99.3	148.9
51	42.3	31.3	46.9
86	65.6	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 50.939 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 187538

Ion Ratio Lower Upper

96 100

61 150.6 114.4 171.6

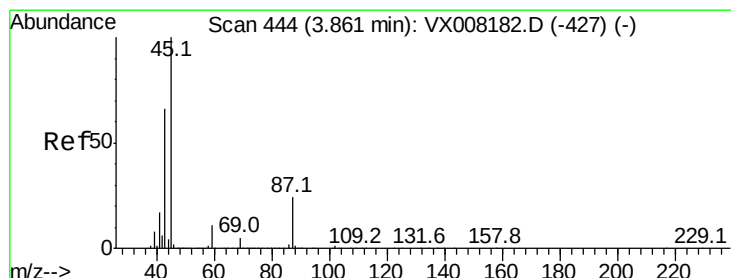
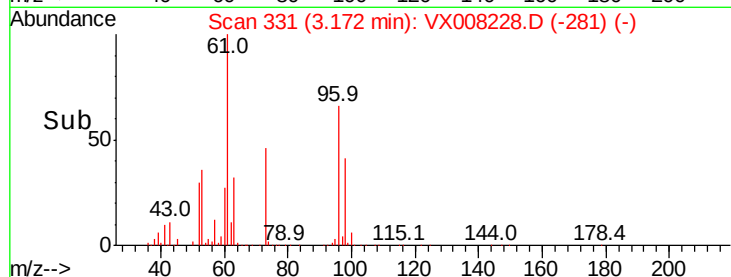
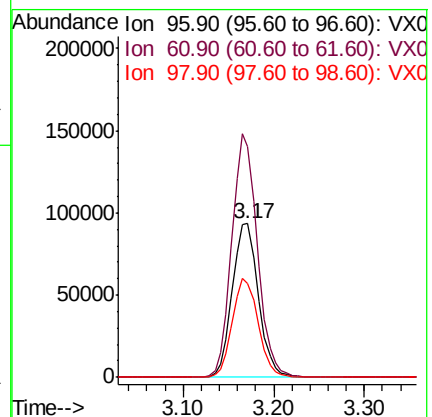
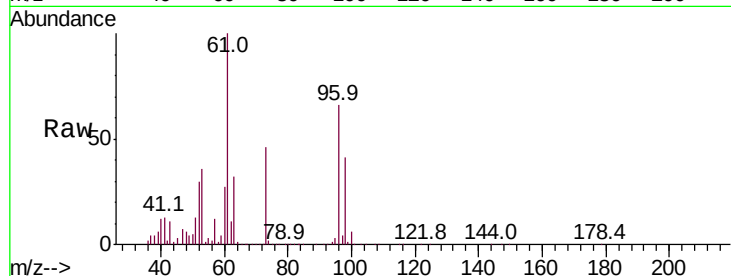
98 61.3 51.1 76.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 53.532 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 45 Resp: 777795

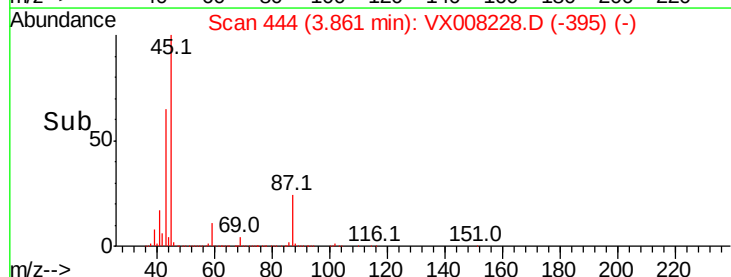
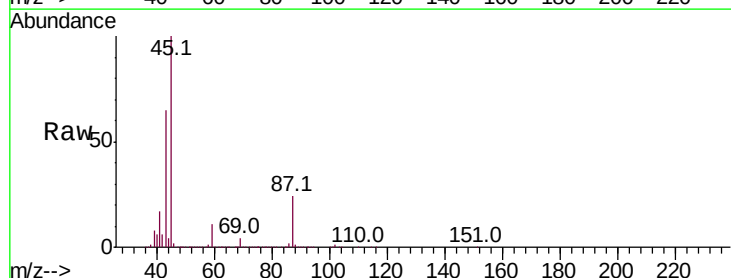
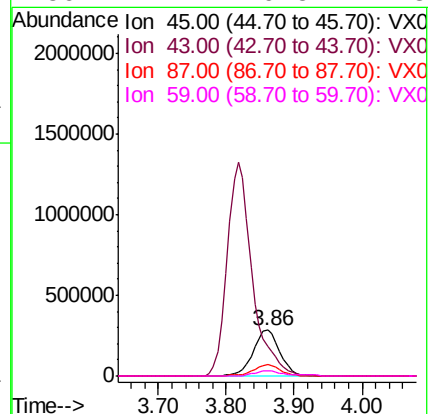
Ion Ratio Lower Upper

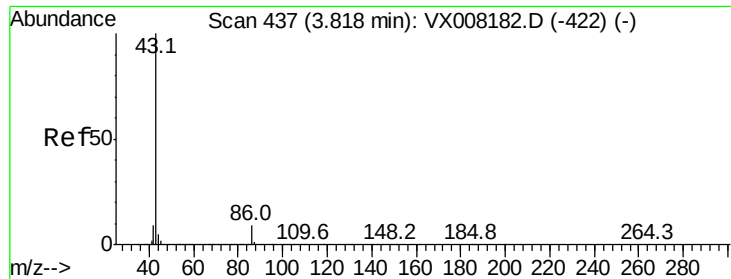
45 100

43 64.9 45.3 67.9

87 24.1 21.4 32.0

59 11.1 9.5 14.3





#23

Vinyl Acetate

Concen: 272.759 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3397721

Ion Ratio Lower Upper

43 100

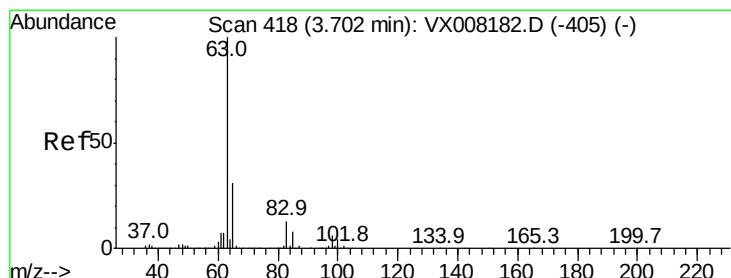
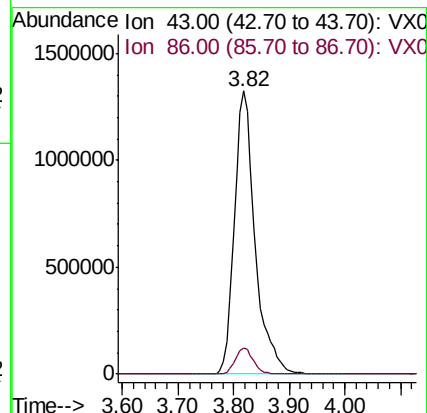
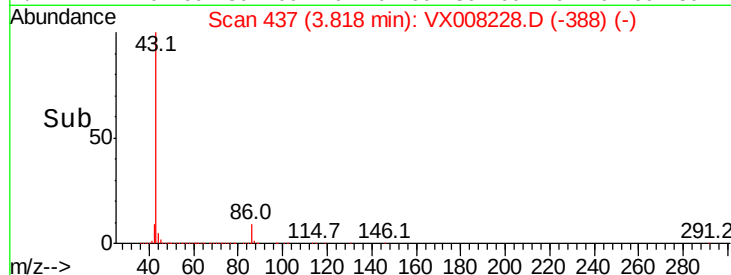
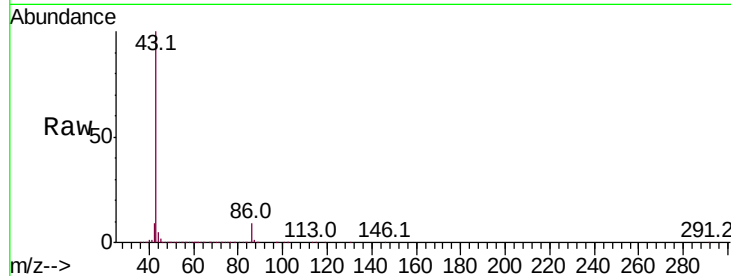
86 9.1 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.929 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

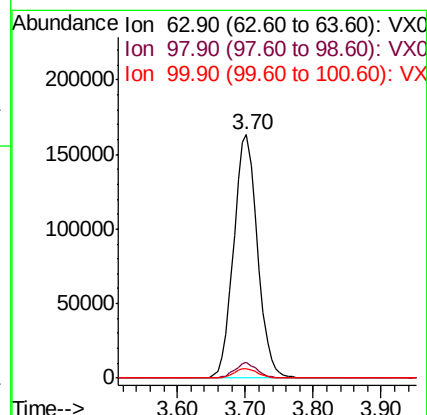
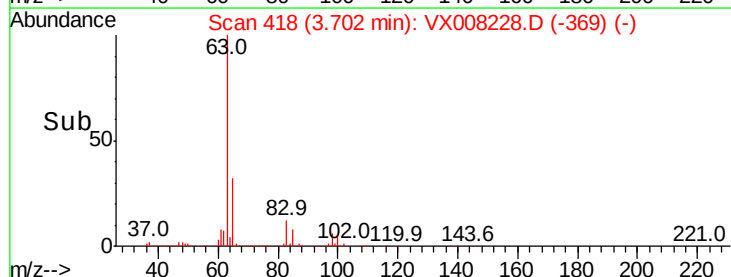
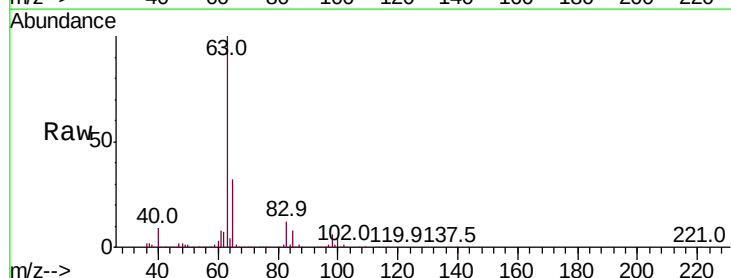
Tgt Ion: 63 Resp: 395533

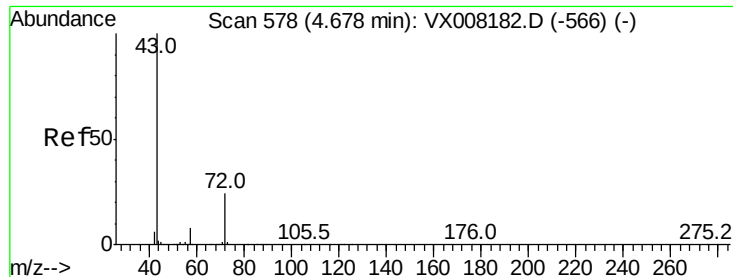
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 263.291 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 932453

Ion Ratio Lower Upper

43 100

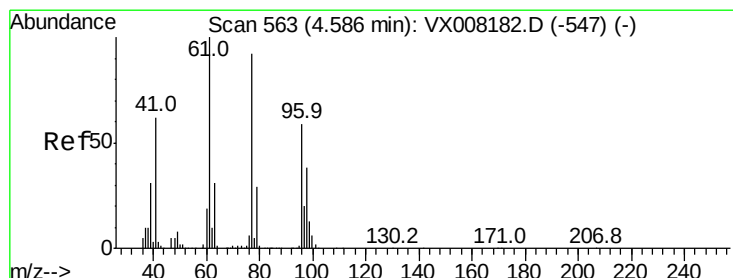
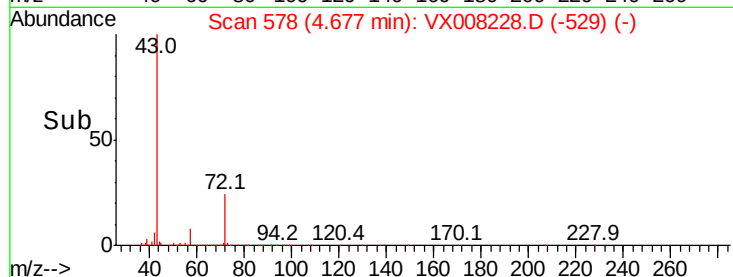
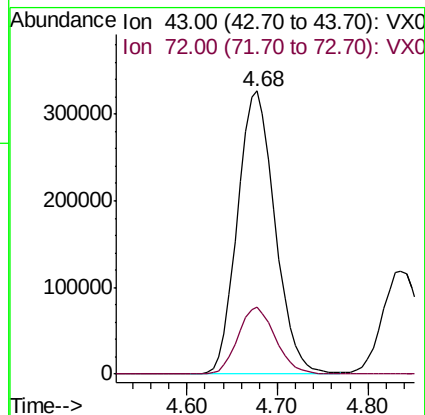
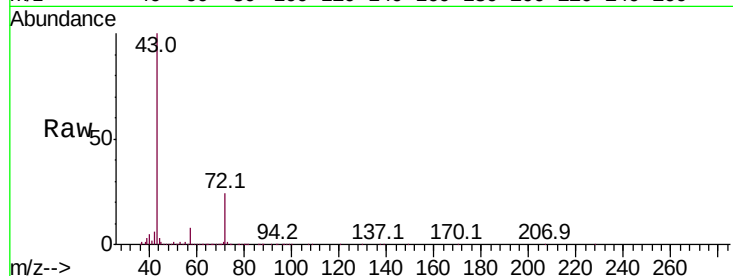
72 23.6 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 33.675 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008228.D

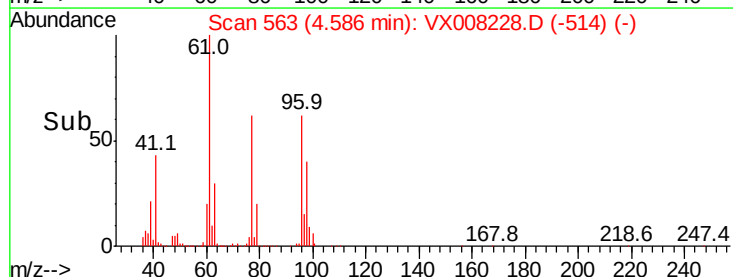
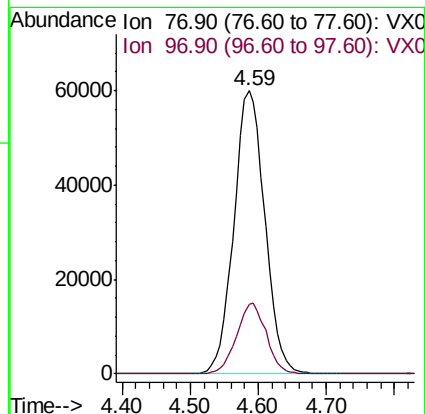
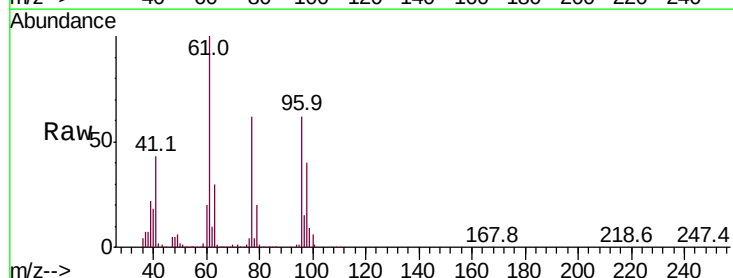
Acq: 20 Mar 2019 07:46

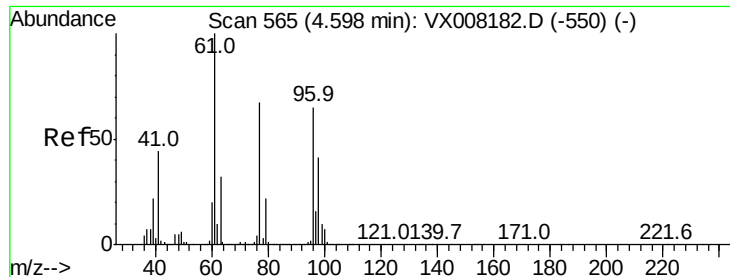
Tgt Ion: 77 Resp: 189574

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

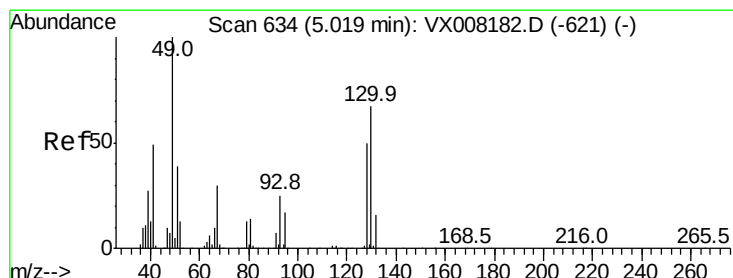
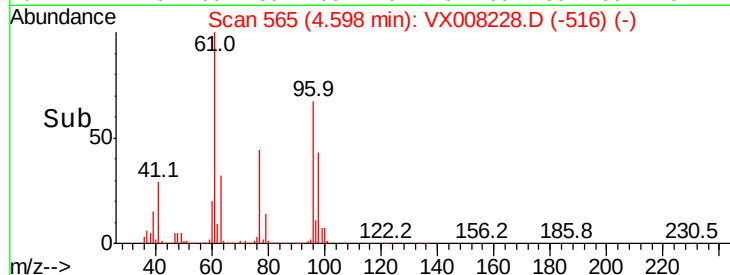
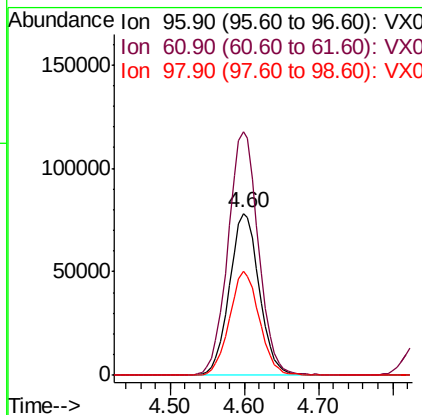
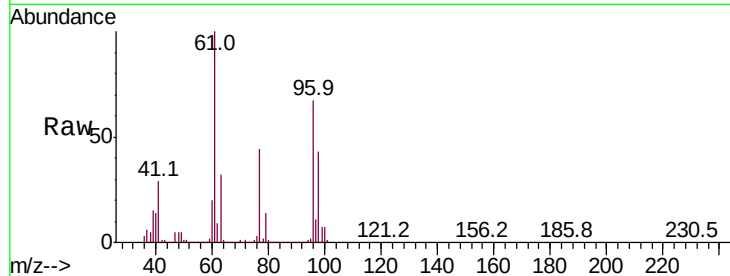
cis-1,2-Dichloroethene
Concen: 52.350 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	288.0
98	64.2	0.0	129.0

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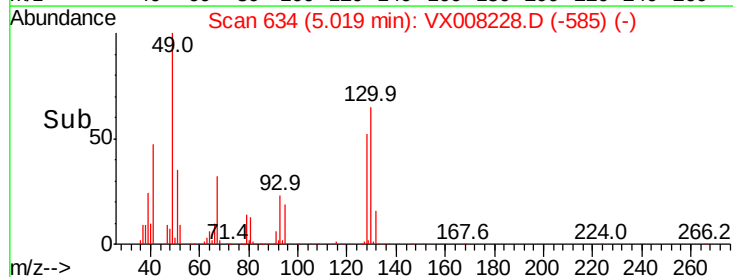
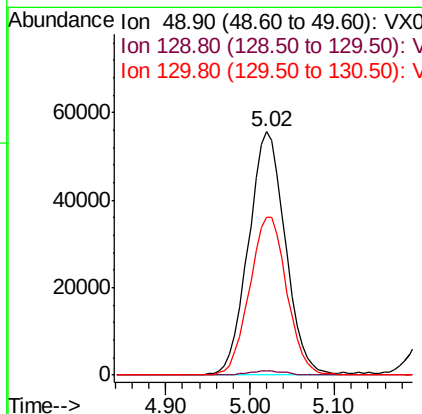
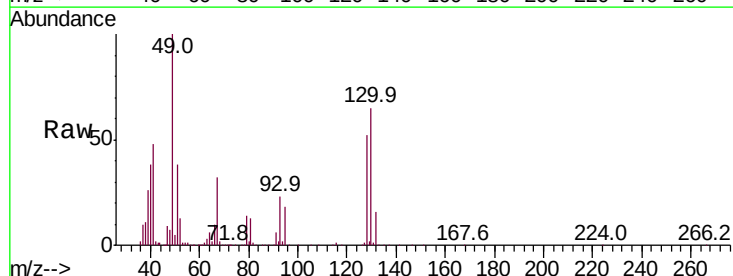
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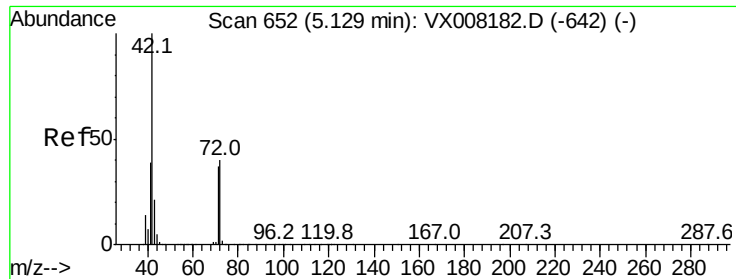


#28

Bromochloromethane
Concen: 49.416 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	66.2	65.0	97.4





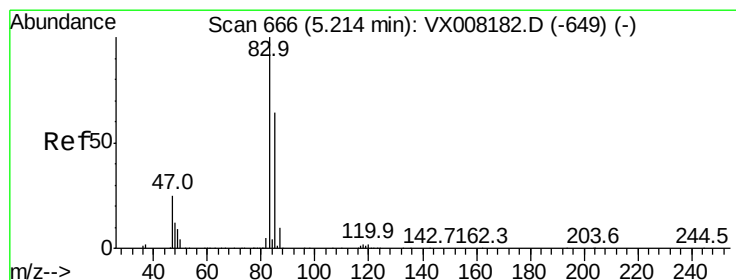
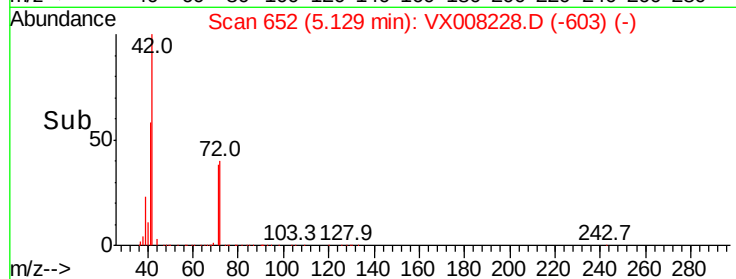
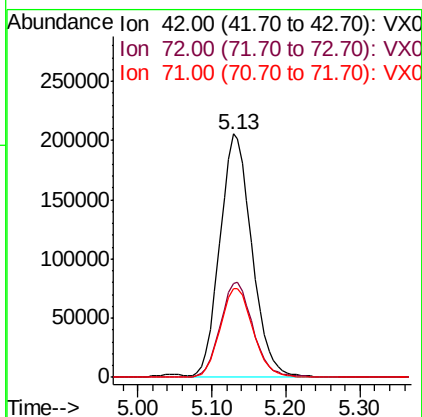
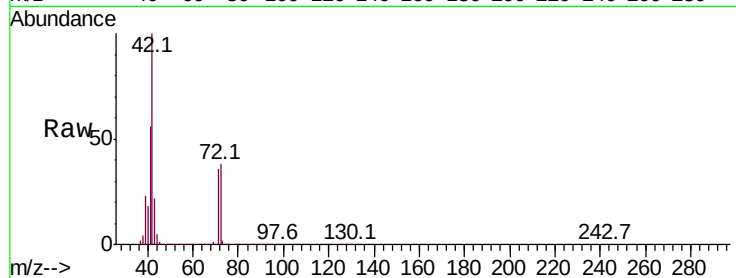
#29
Tetrahydrofuran
Concen: 276.986 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.8	50.6
71	37.8	31.5	47.3

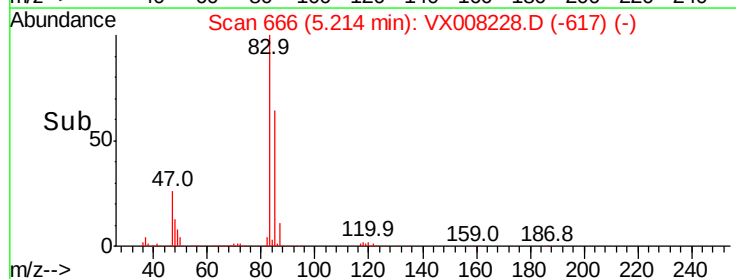
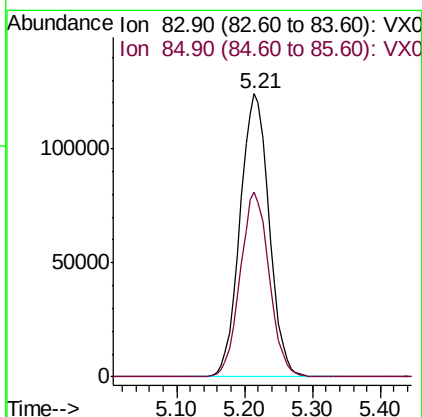
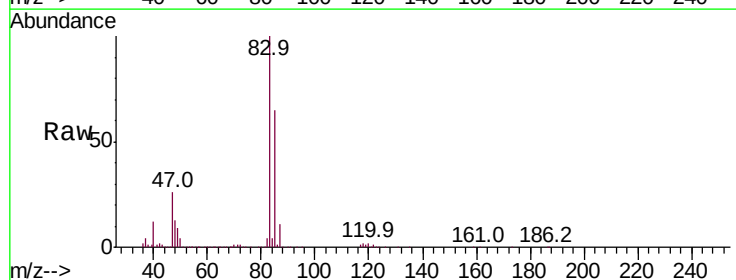
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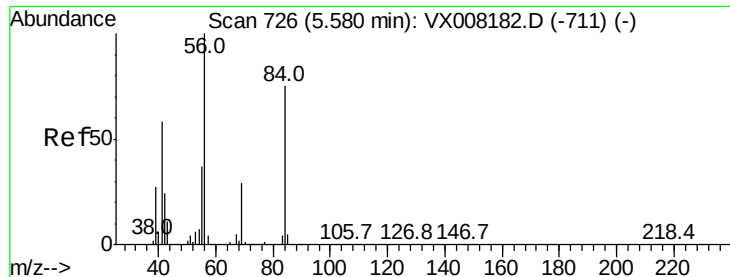
MMDadoda
3/20/2019 10:27:53 AM



#30
Chloroform
Concen: 52.782 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6





#31

Cyclohexane

Concen: 47.134 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

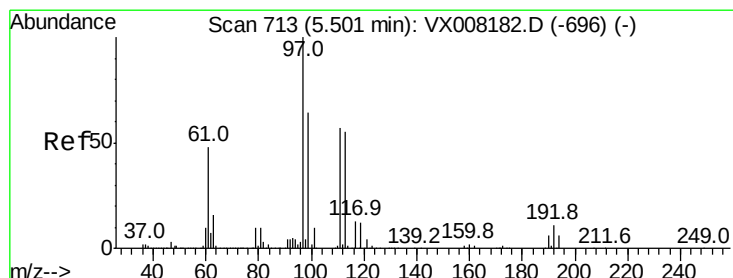
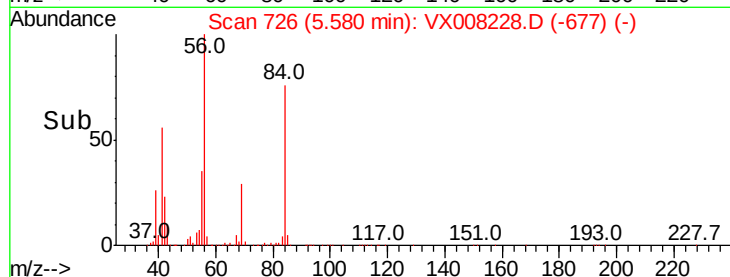
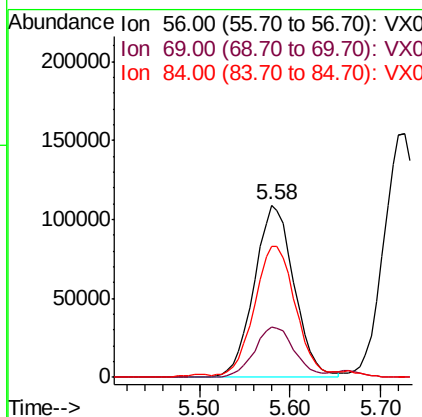
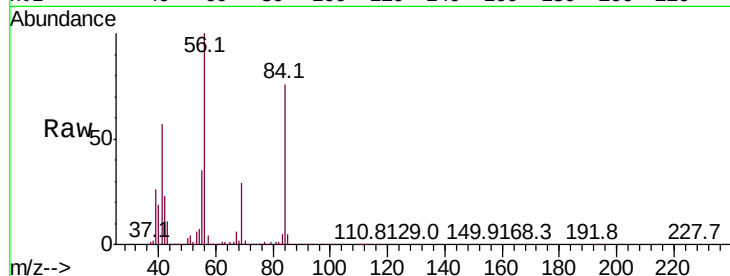
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	330753
Ion Ratio	Lower	Upper	
56	100		
69	29.2	24.0	36.0
84	75.1	65.3	97.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.033 ug/l

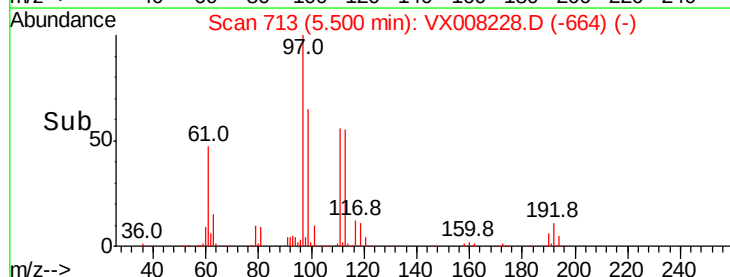
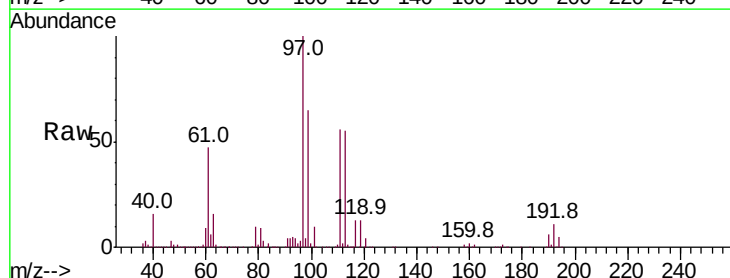
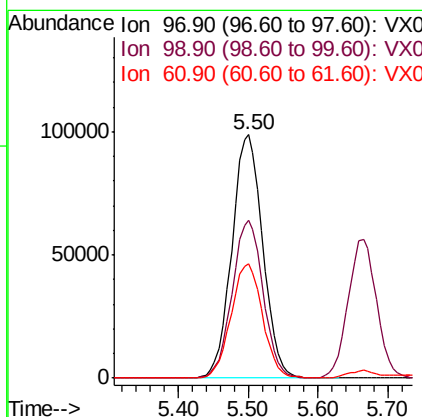
RT: 5.50 min Scan# 713

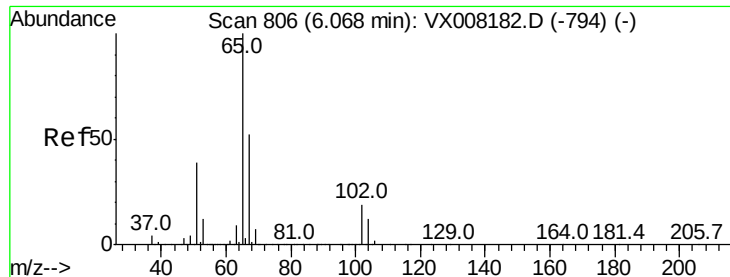
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	97	Resp:	302565
Ion Ratio	Lower	Upper	
97	100		
99	65.0	52.2	78.2
61	48.0	34.9	52.3





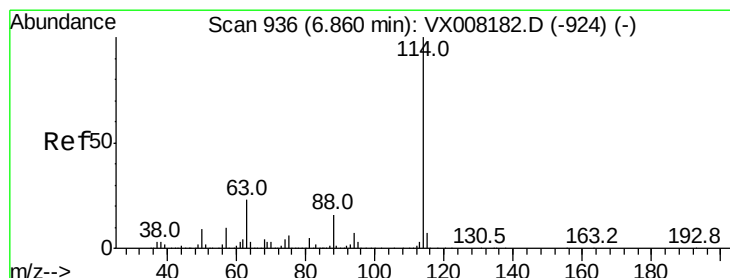
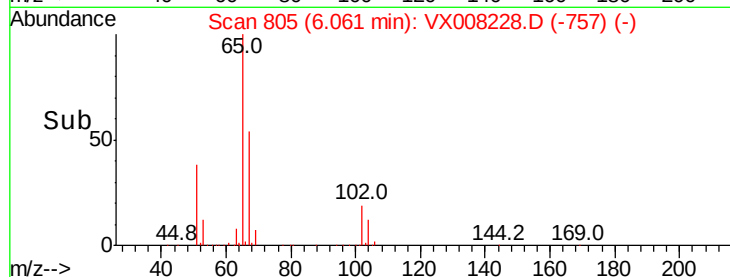
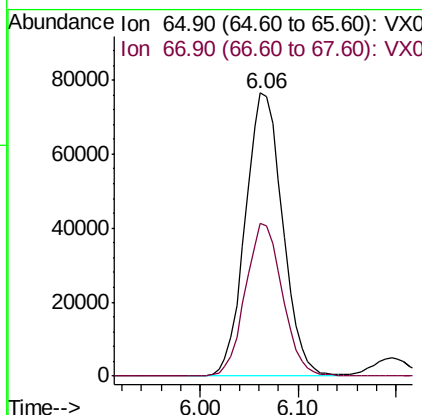
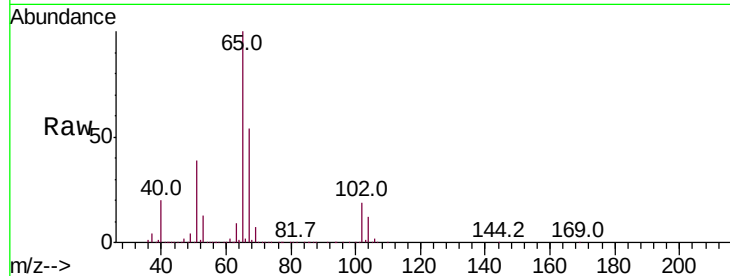
#33
 1,2-Dichloroethane-d4
 Concen: 47.961 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	110.0

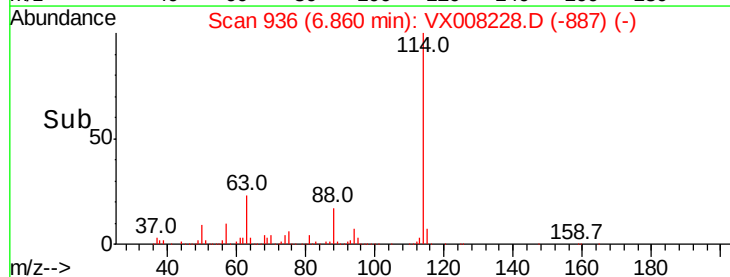
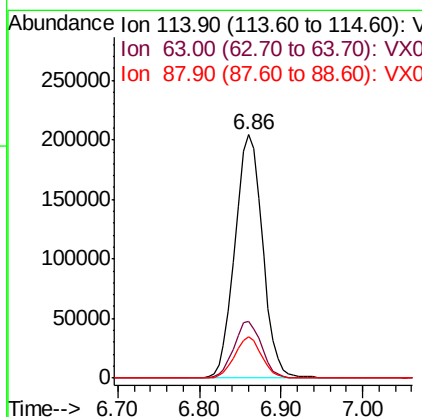
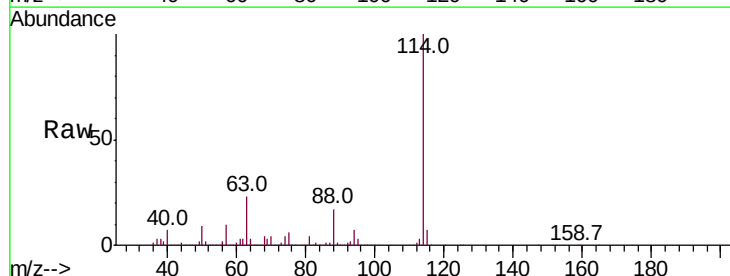
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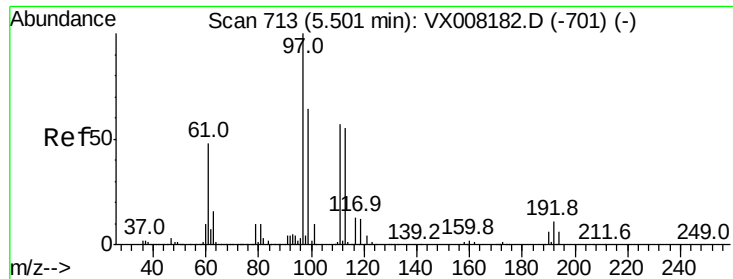
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	39.8
88	16.9	0.0	31.4





#35

Dibromofluoromethane

Concen: 47.869 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

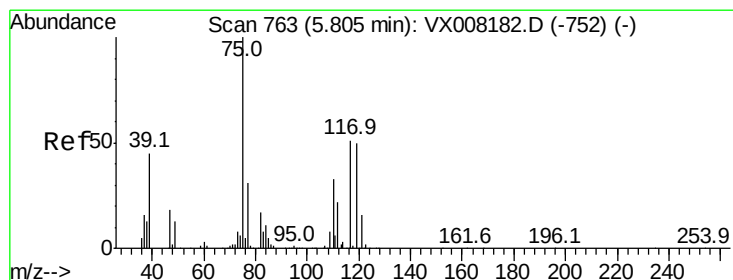
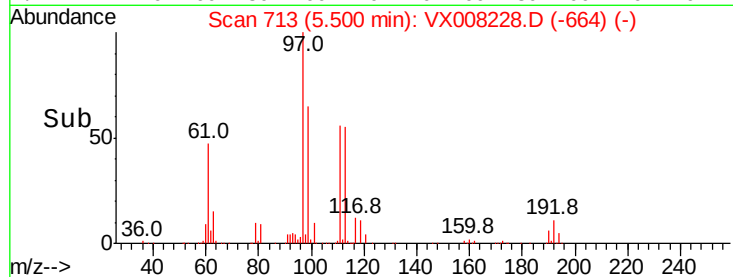
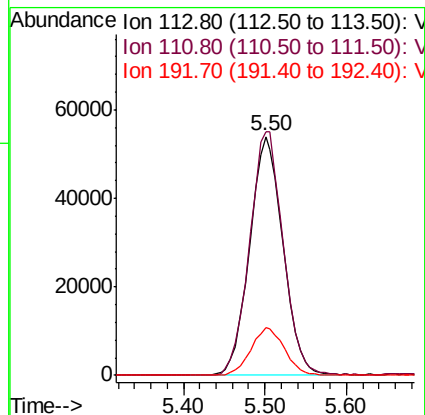
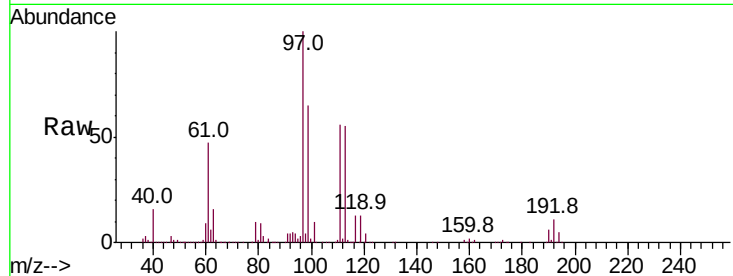
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	153455
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.0
192	20.3	19.4	29.0

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3/20/2019 10:27:53 AM



#36

1,1-Dichloropropene

Concen: 48.831 ug/l

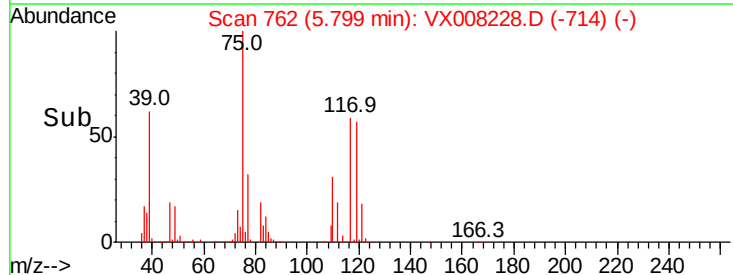
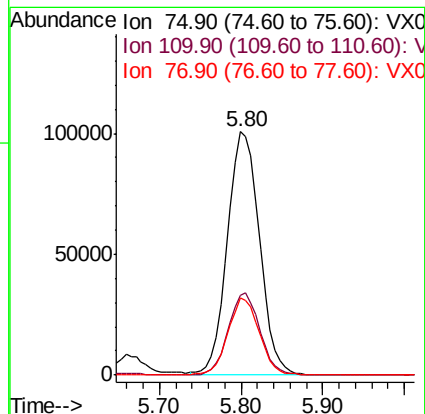
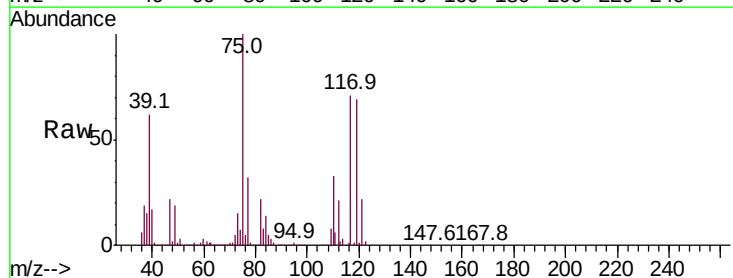
RT: 5.80 min Scan# 762

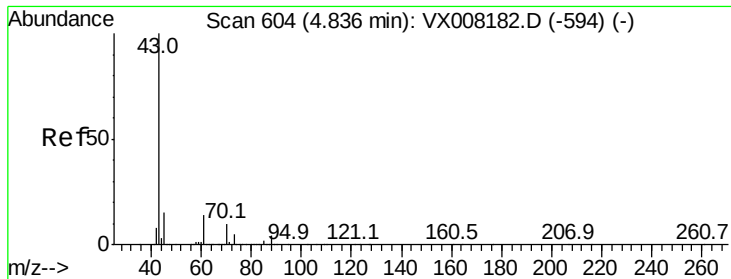
Delta R.T. -0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	75	Resp:	272247
Ion Ratio	Lower	Upper	
75	100		
110	33.4	18.4	55.0
77	30.7	25.0	37.4





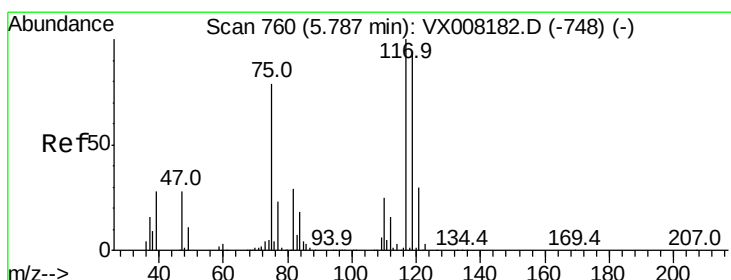
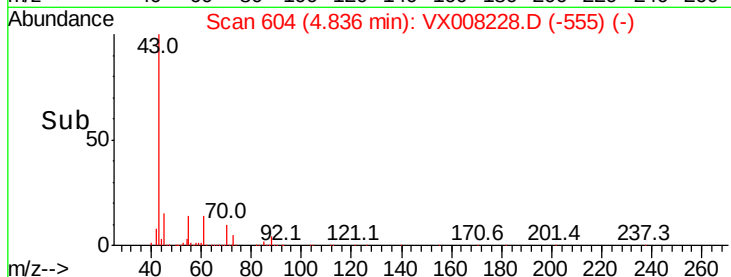
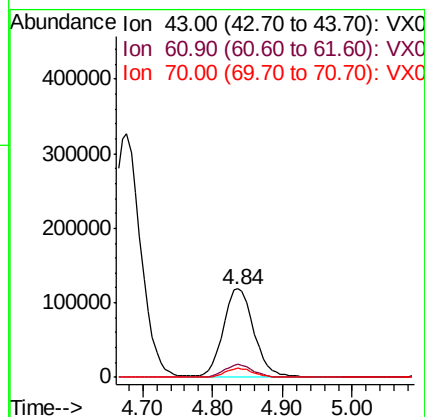
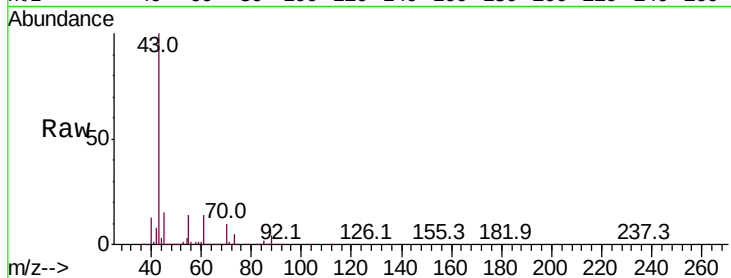
#37
Ethyl Acetate
Concen: 54.483 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	359078
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	9.6	8.5	12.7

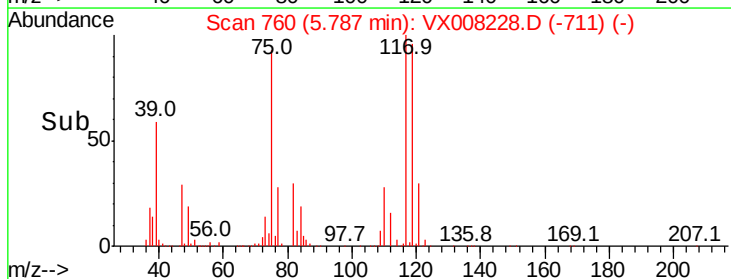
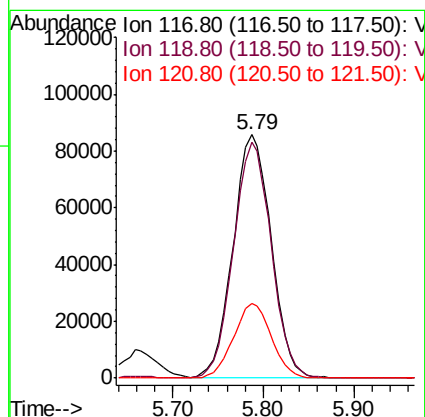
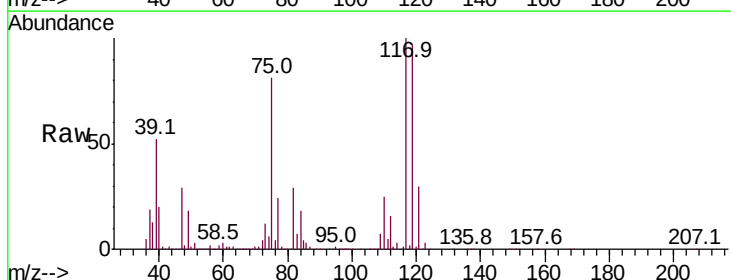
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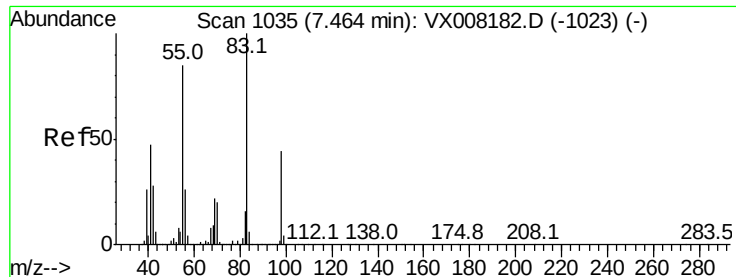
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3/20/2019 10:27:53 AM



#38
Carbon Tetrachloride
Concen: 50.243 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	117	Resp	249587
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.2
121	30.4	24.6	36.8





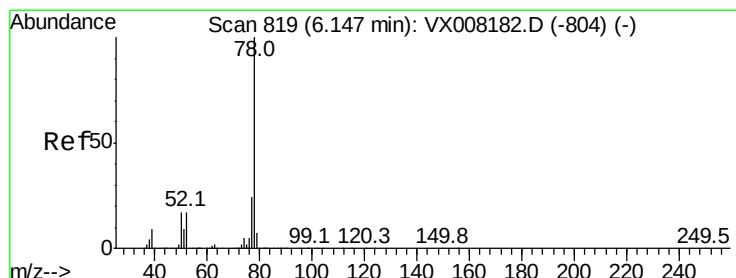
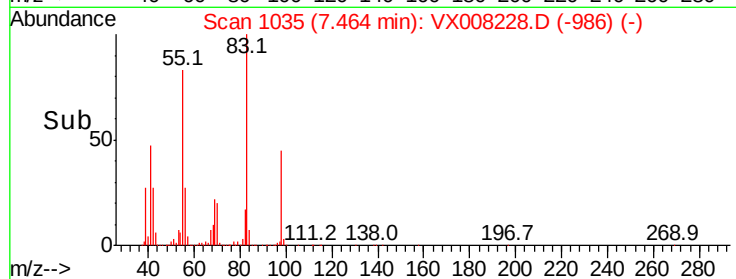
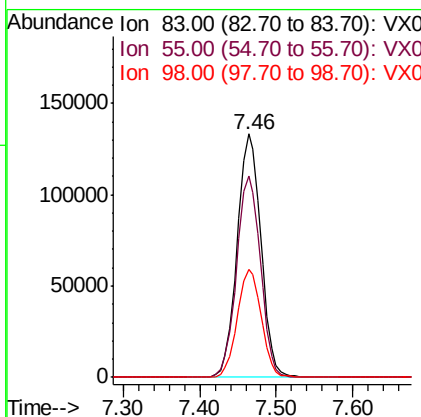
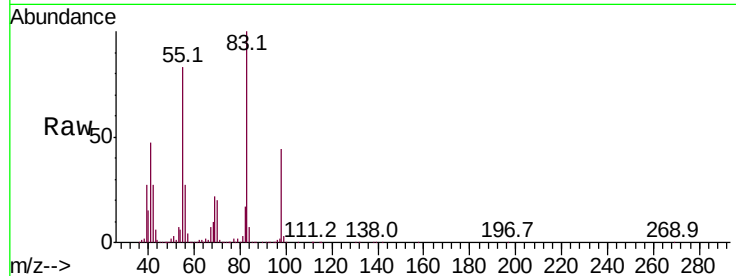
#39
Methylvlcyclohexane
Concen: 42.737 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	286737		
55	82.8	60.4	90.6	
98	44.5	36.5	54.7	

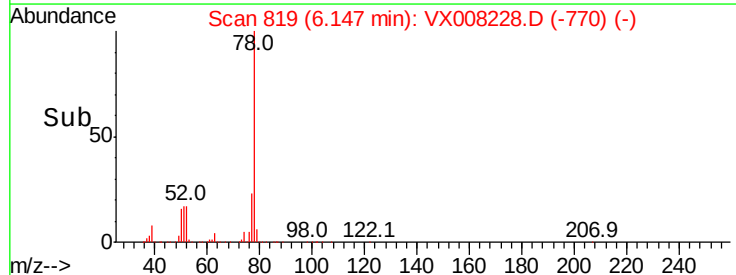
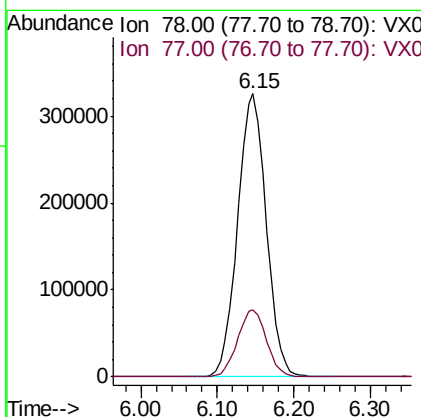
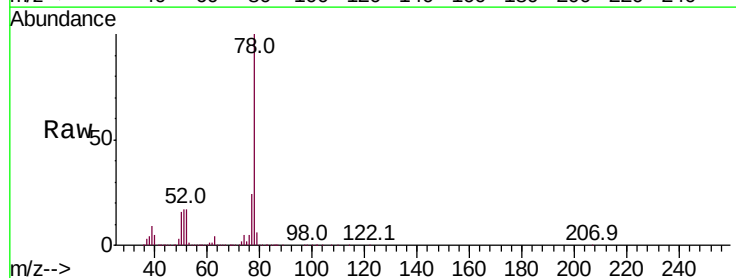
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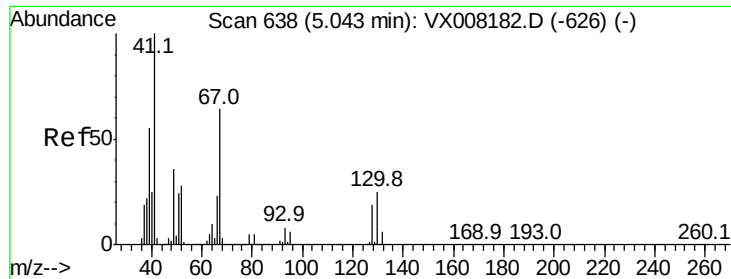
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3/20/2019 10:27:53 AM



#40
Benzene
Concen: 51.367 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	847635		
77	23.5	19.0	28.4	





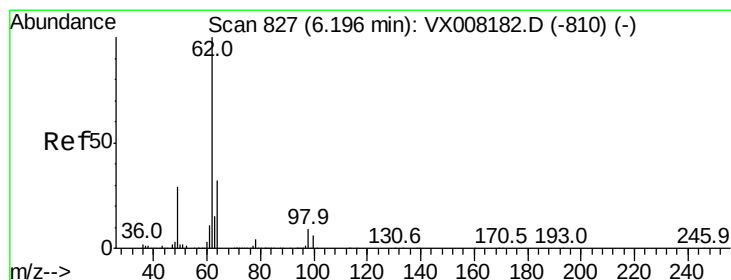
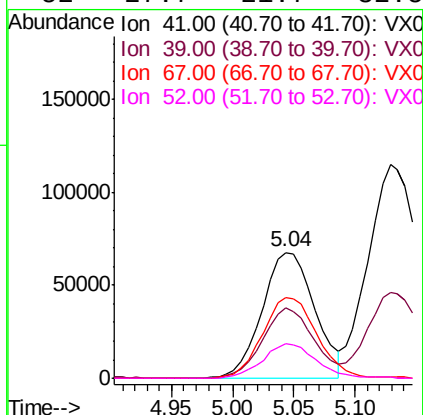
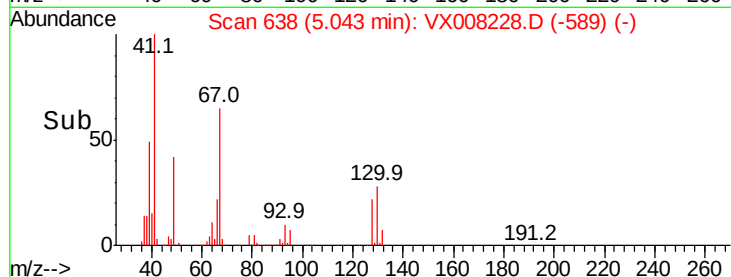
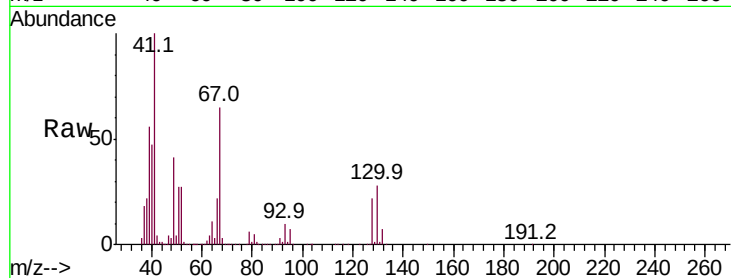
#41
Methacrylonitrile
Concen: 54.390 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	41.6	62.4	
67	67.2	55.8	83.6	
52	27.7	21.7	32.5	

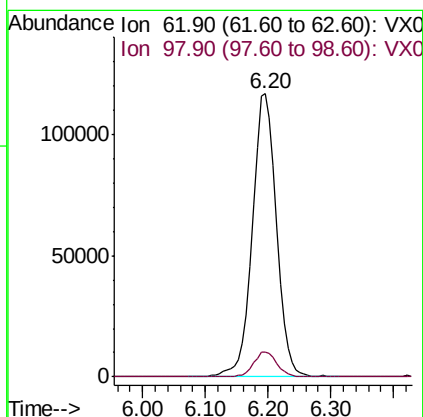
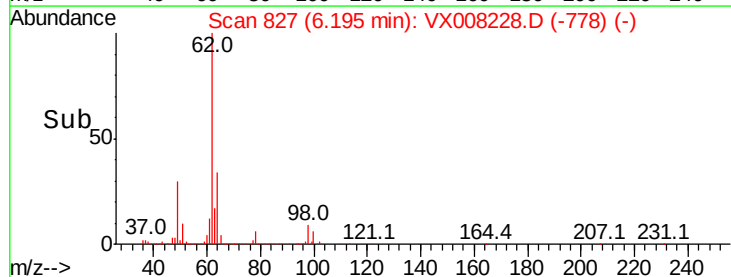
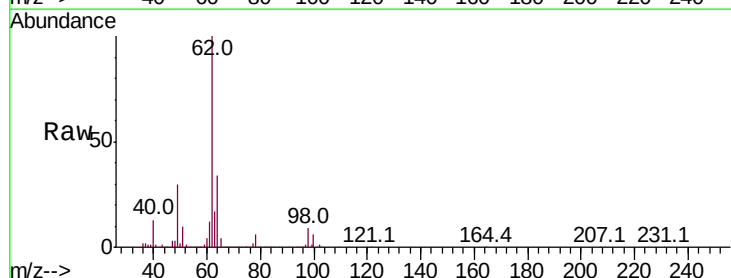
Manual Integrations
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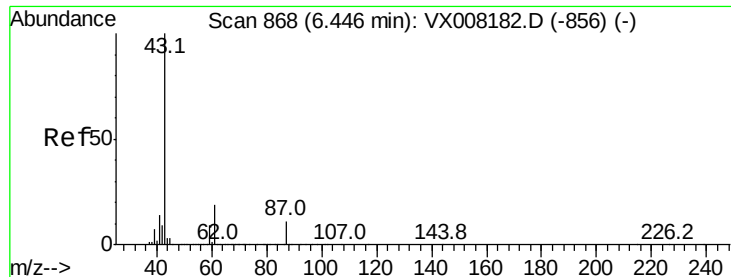
MMDadoda
3/20/2019 10:27:53 AM



#42
1,2-Dichloroethane
Concen: 51.174 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	20.4	





#43

Isopropyl Acetate

Concen: 54.467 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

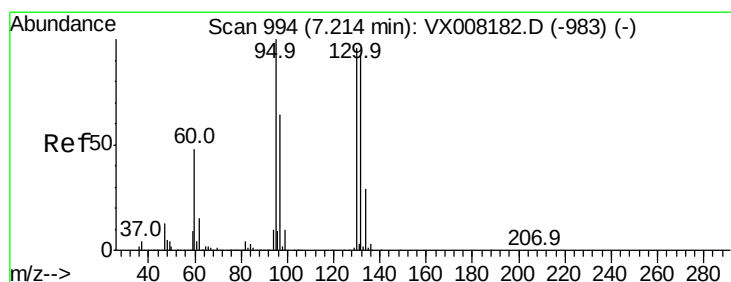
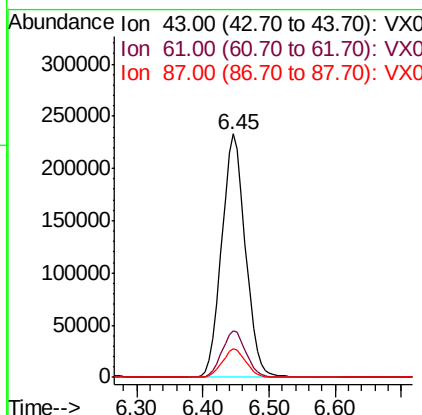
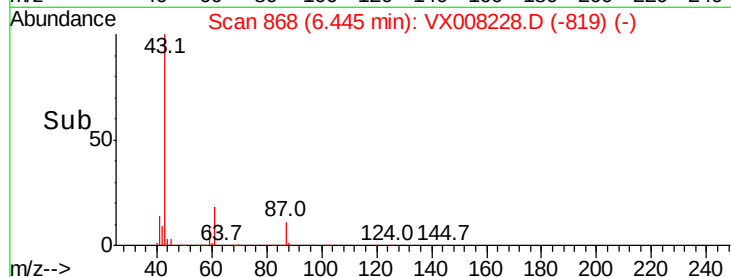
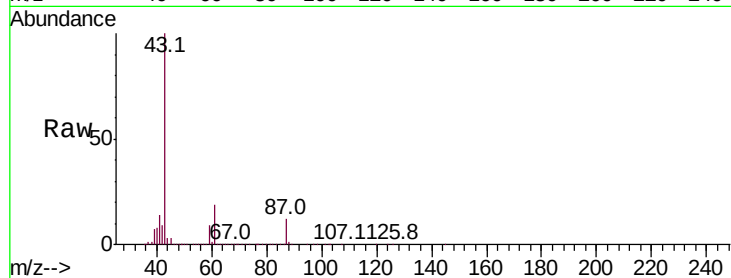
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	575385
Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.3	24.5
87	11.8	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 50.020 ug/l

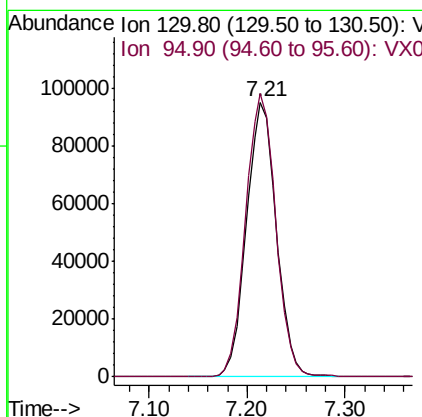
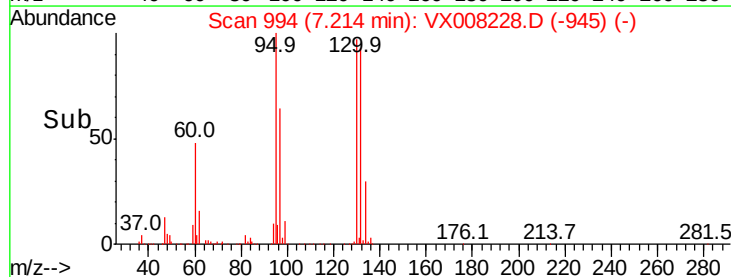
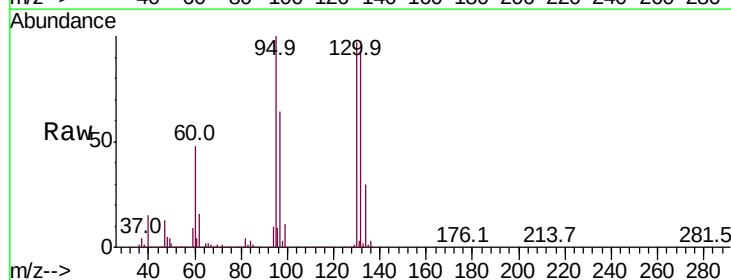
RT: 7.21 min Scan# 994

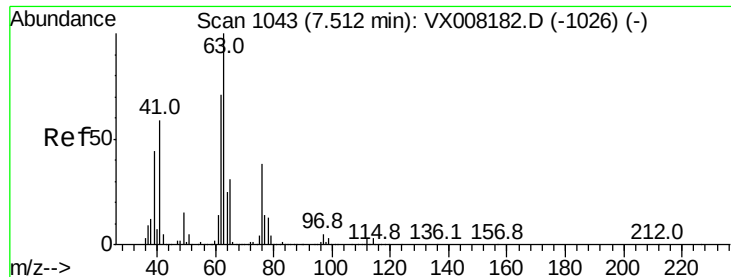
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	130	Resp:	201822
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 51.590 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 238317

Ion Ratio Lower Upper

63 100

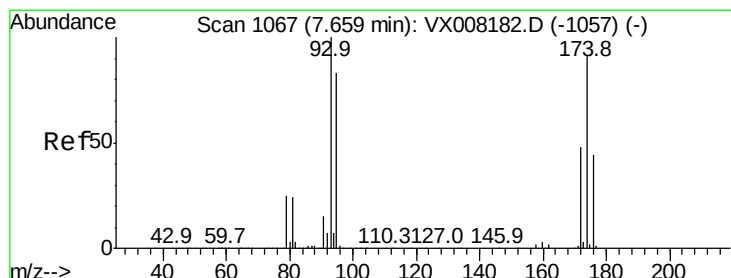
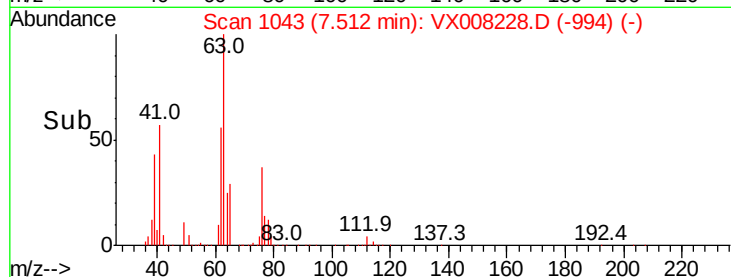
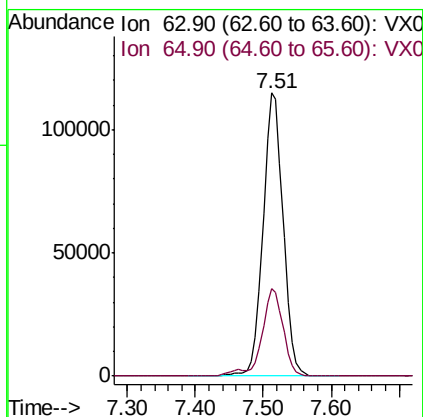
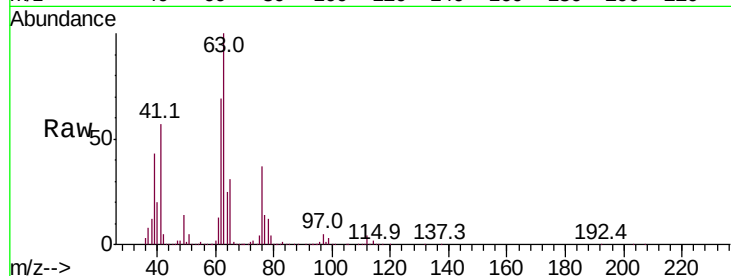
65 30.8 24.7 37.1

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3/20/2019 10:27:53 AM



#46

Dibromomethane

Concen: 51.754 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

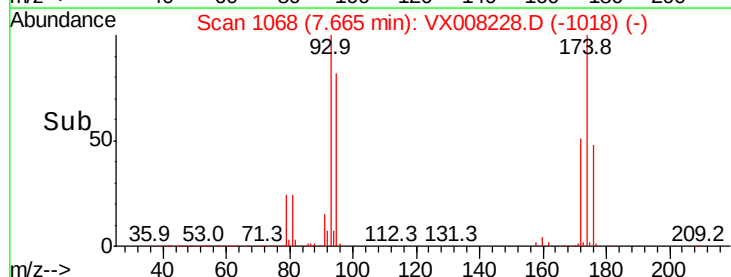
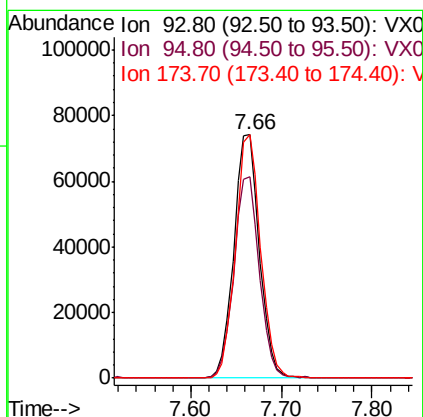
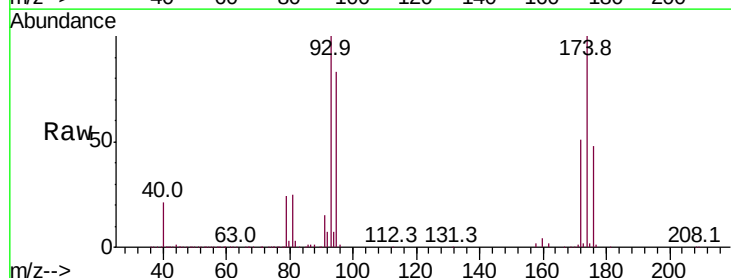
Tgt Ion: 93 Resp: 144753

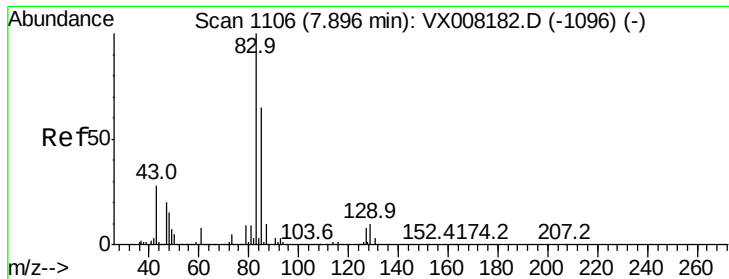
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 98.5 97.3 145.9





#47

Bromodichloromethane

Concen: 53.047 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

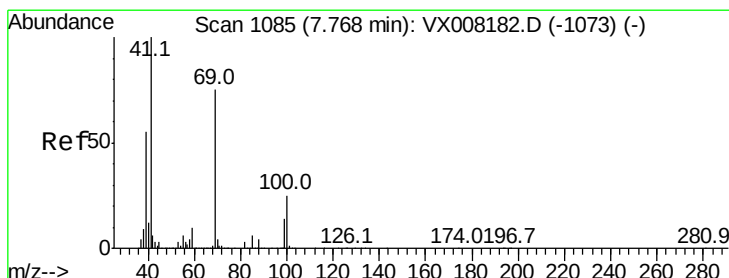
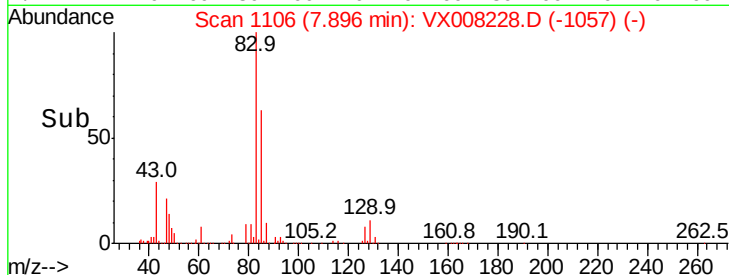
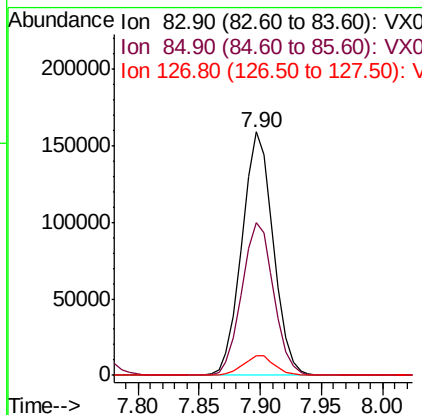
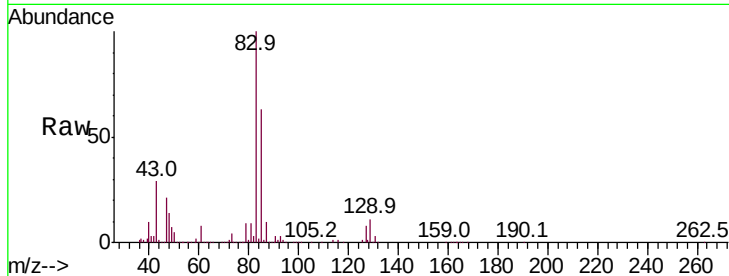
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	282759
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.9	76.3
127	8.2	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.533 ug/l

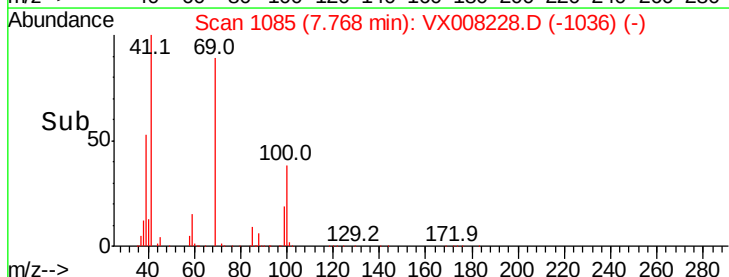
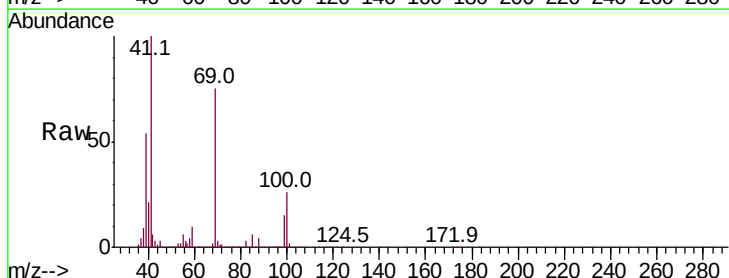
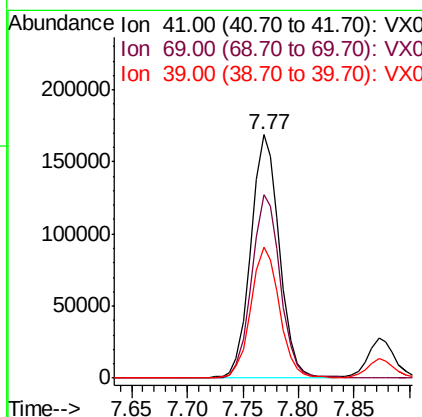
RT: 7.77 min Scan# 1085

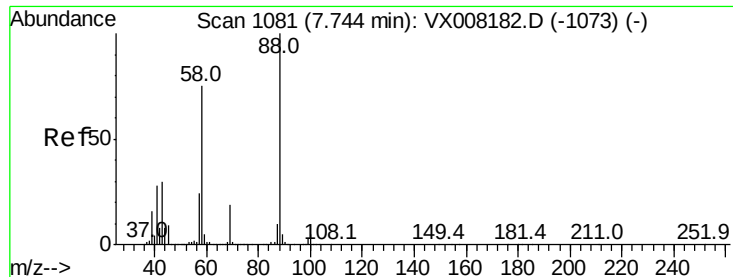
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	41	Resp:	300693
Ion	Ratio	Lower	Upper
41	100		
69	76.1	65.2	97.8
39	53.9	39.4	59.2





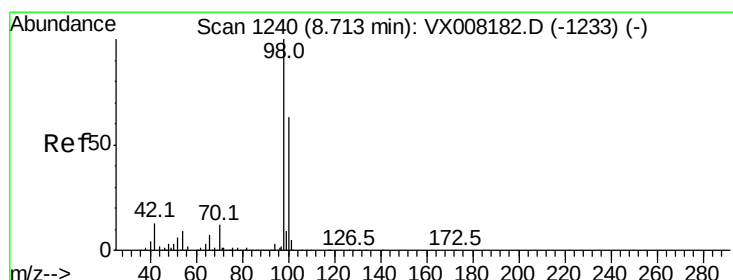
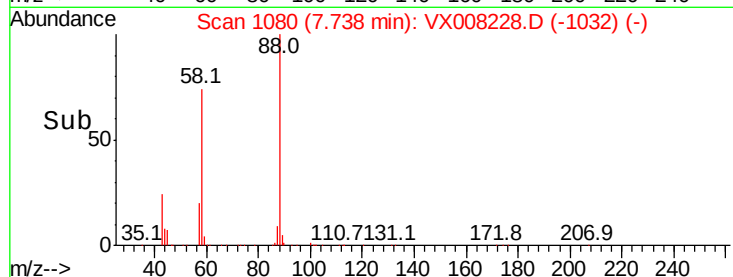
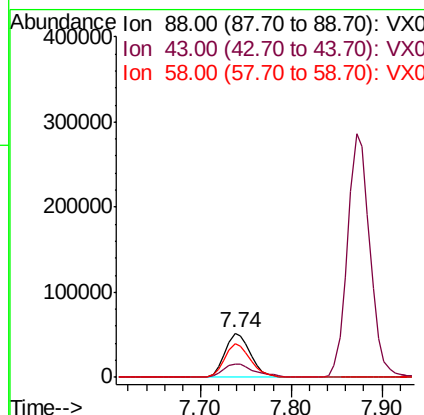
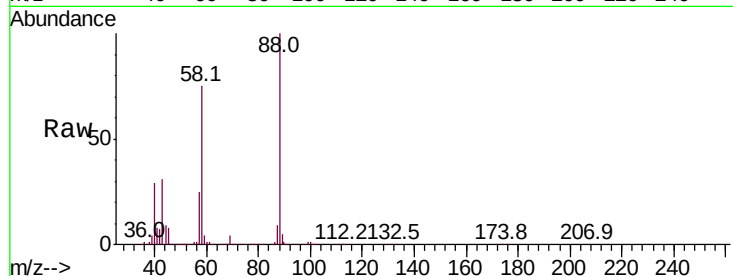
#49
1,4-Dioxane
Concen: 1014.816 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.1	37.7
58	78.4	57.8	86.6

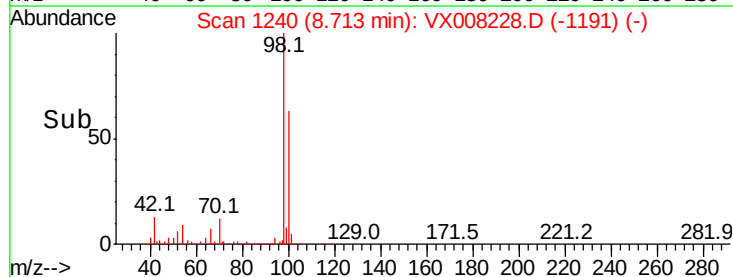
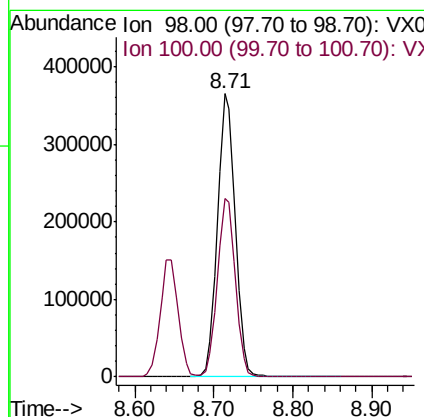
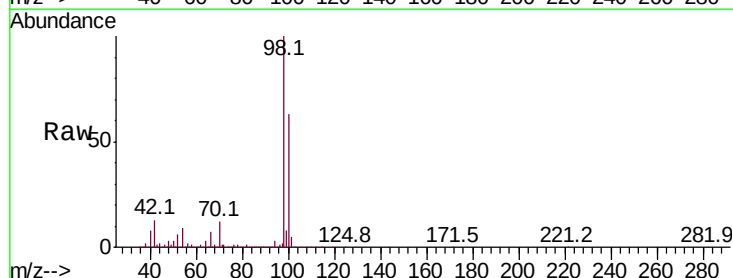
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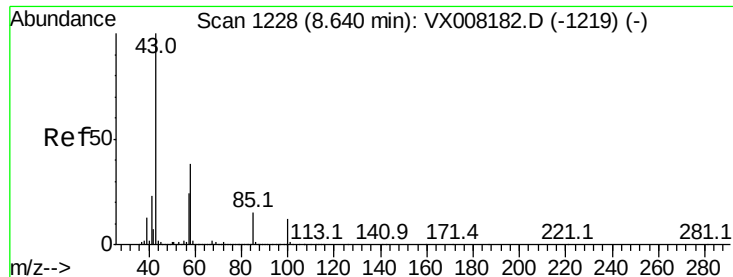
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#50
Toluene-d8
Concen: 47.183 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5





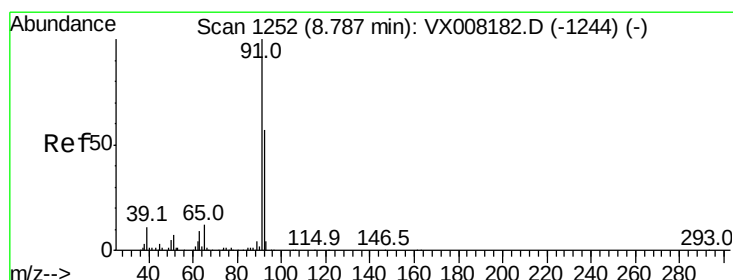
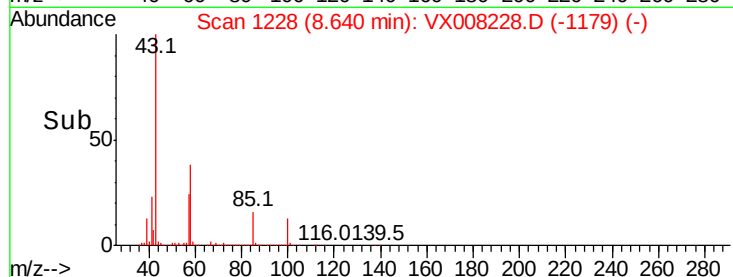
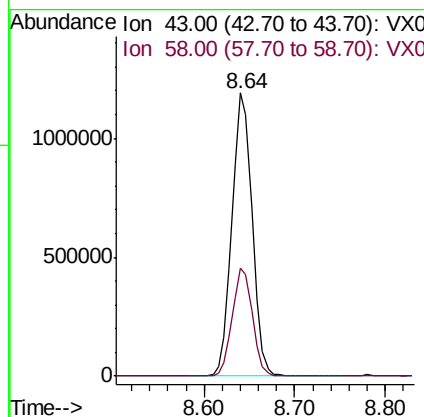
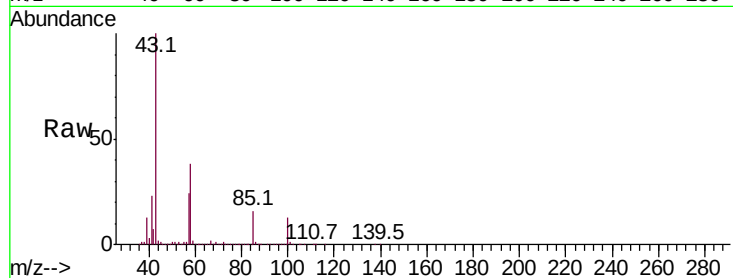
#51
 4-Methyl-2-Pentanone
 Concen: 269.608 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1841295
 Ion Ratio Lower Upper
 43 100
 58 37.9 31.3 46.9

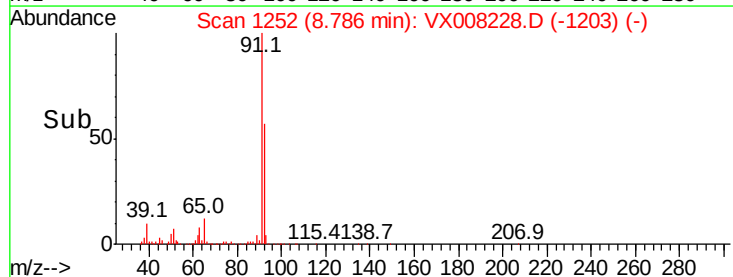
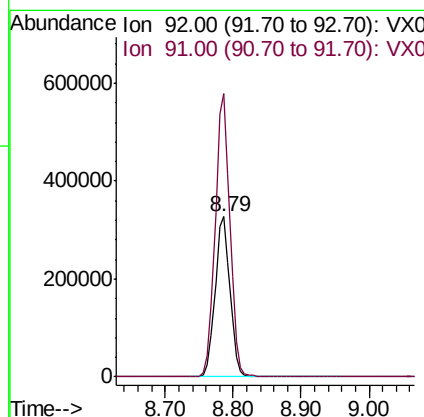
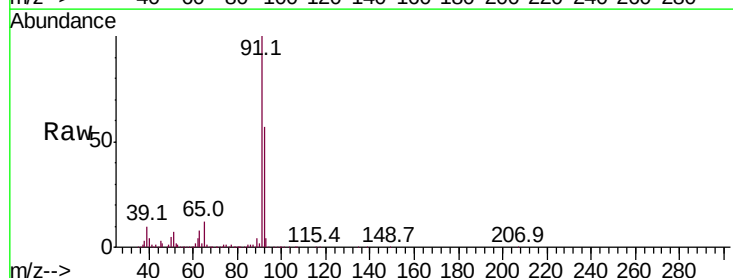
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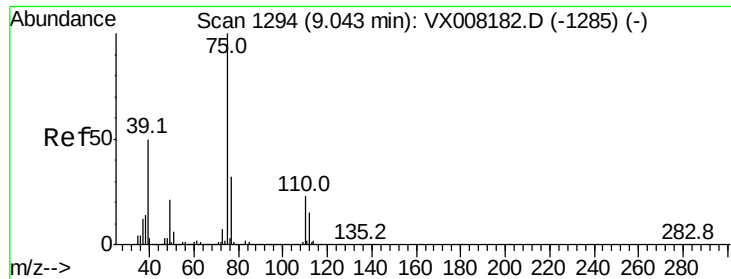
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 3/20/2019 10:27:53 AM



#52
 Toluene
 Concen: 50.740 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 92 Resp: 496738
 Ion Ratio Lower Upper
 92 100
 91 175.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 45.694 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 304186

Ion Ratio Lower Upper

75 100

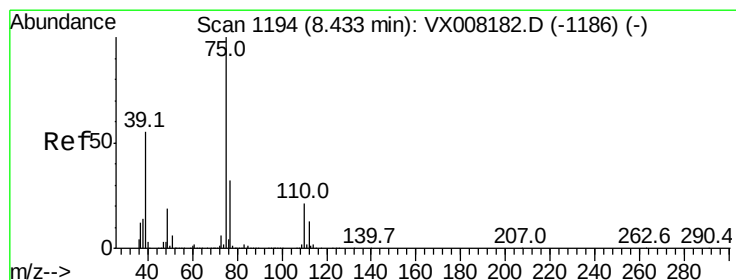
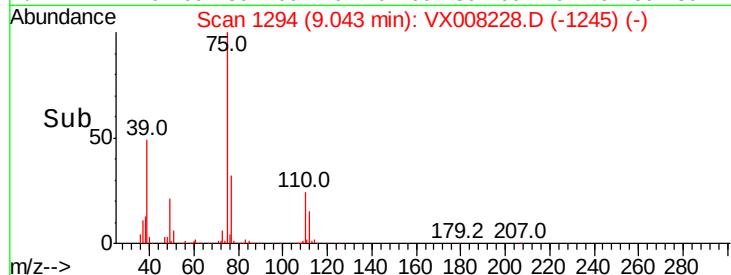
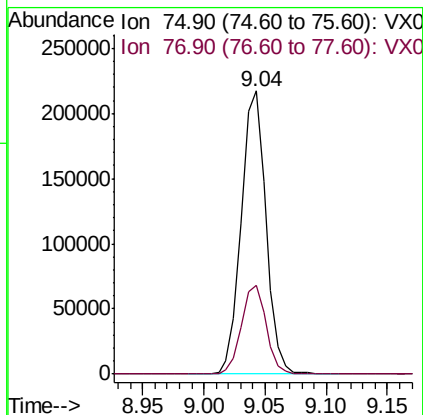
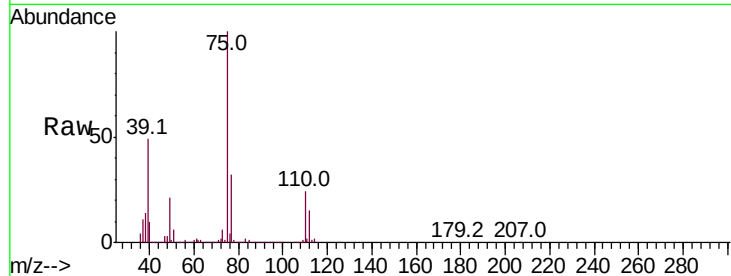
77 31.5 25.4 38.0

Manual Integrations

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3/20/2019 10:27:53 AM



#54

cis-1,3-Dichloropropene

Concen: 50.479 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

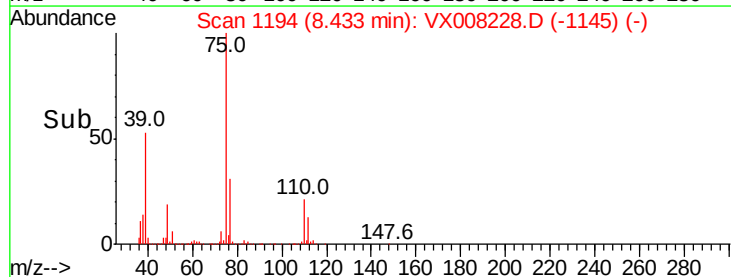
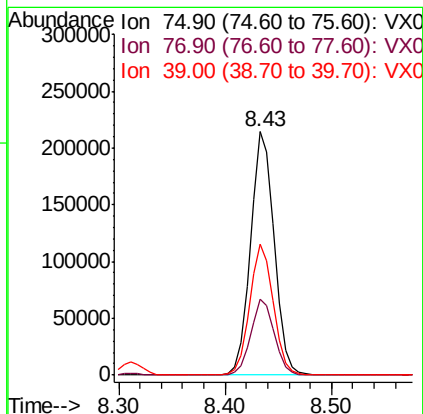
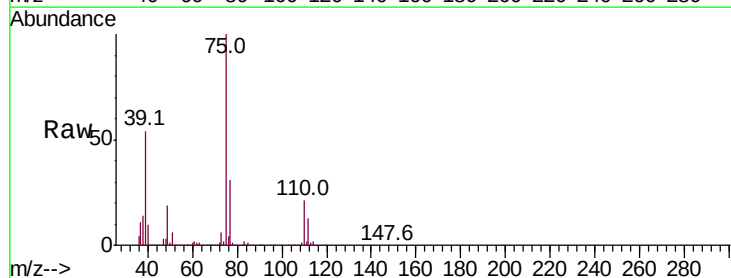
Tgt Ion: 75 Resp: 333930

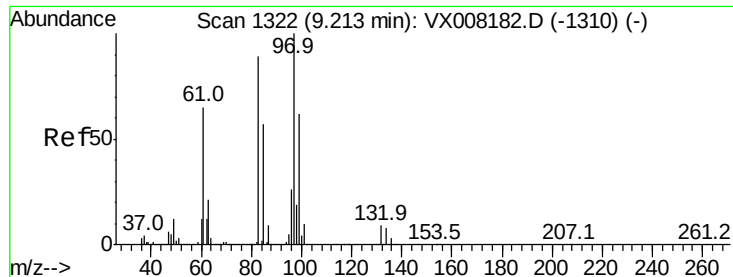
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 53.5 36.6 54.8





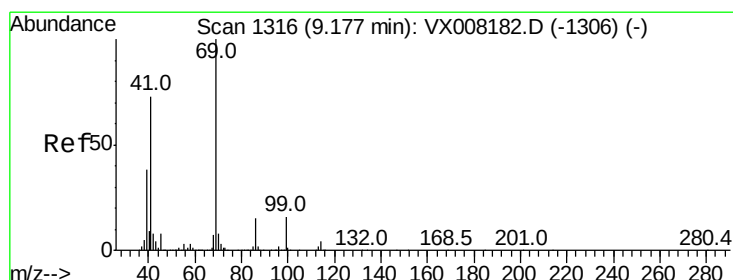
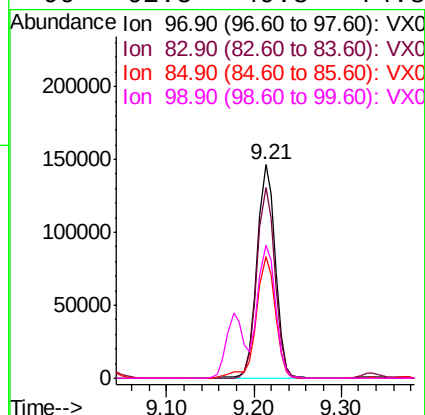
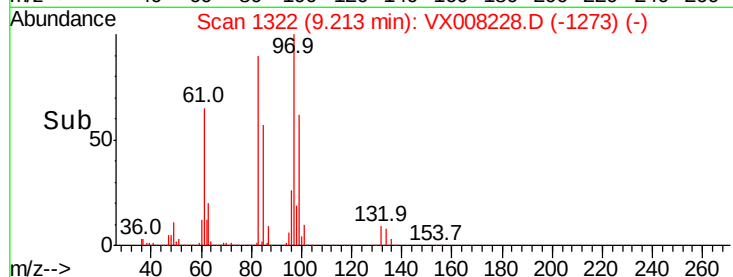
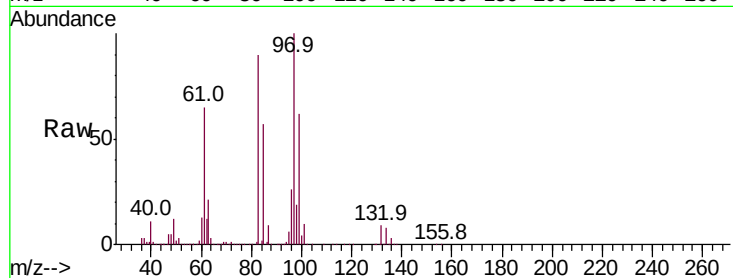
#55
 1,1,2-Trichloroethane
 Concen: 53.535 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.1	103.7
85	56.6	44.3	66.5
99	62.5	49.8	74.8

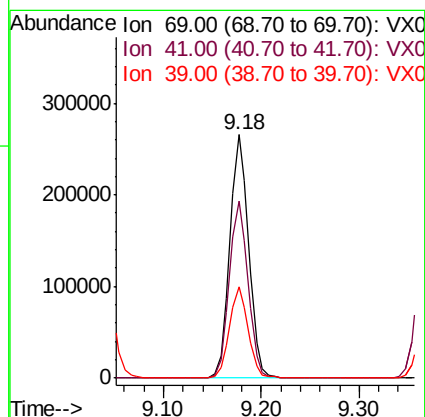
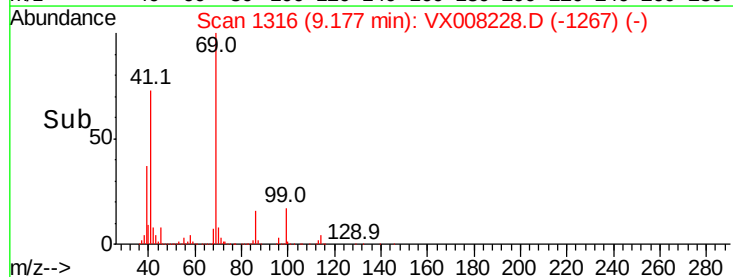
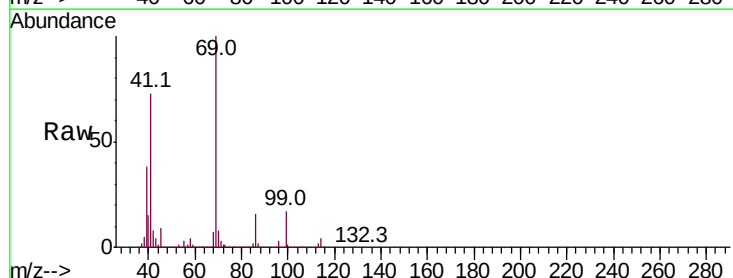
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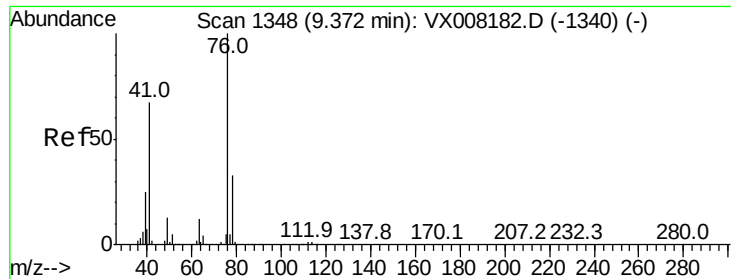
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#56
 Ethyl methacrylate
 Concen: 50.980 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.5	54.2	81.4
39	37.2	25.0	37.4





#57

1,3-Dichloropropane

Concen: 53.129 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 371755

Ion Ratio Lower Upper

76 100

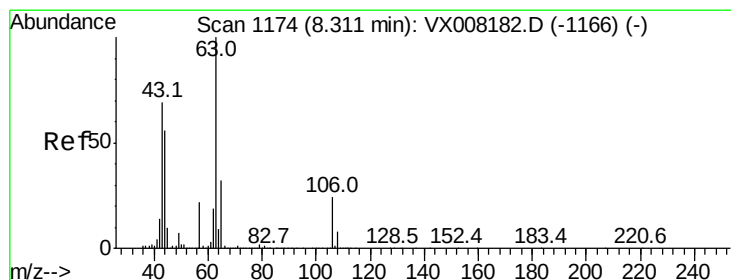
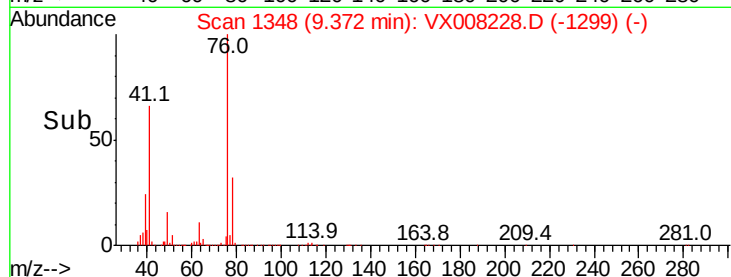
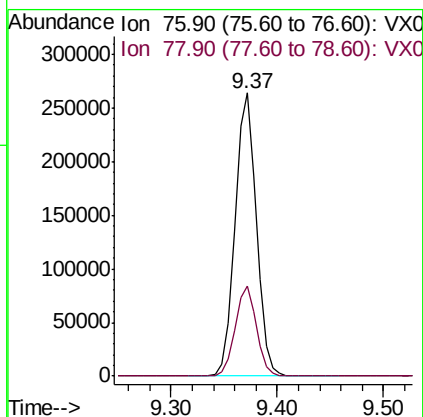
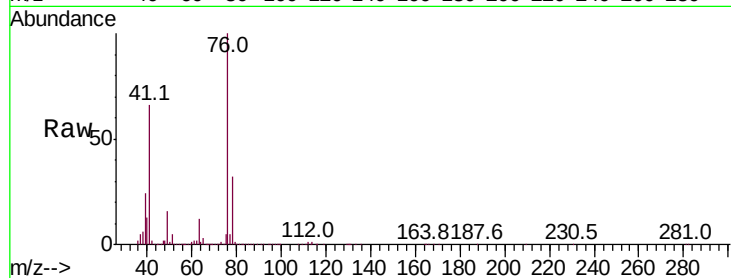
78 31.7 25.5 38.3

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3/20/2019 10:27:53 AM



#58

2-Chloroethyl Vinyl ether

Concen: 250.170 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008228.D

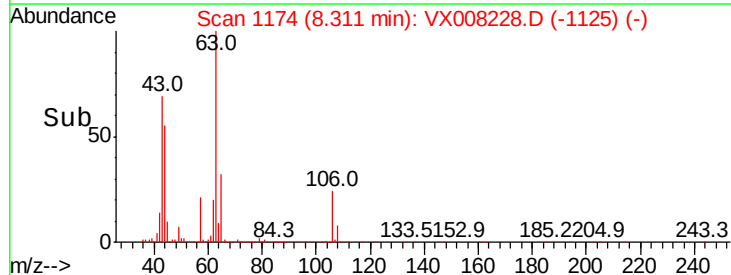
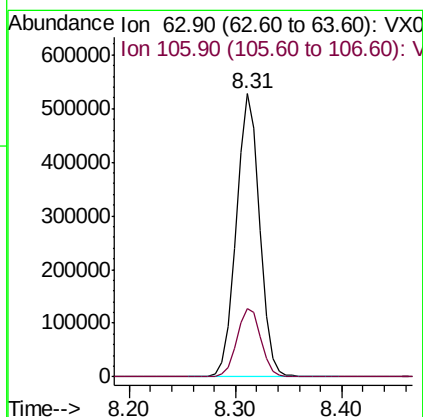
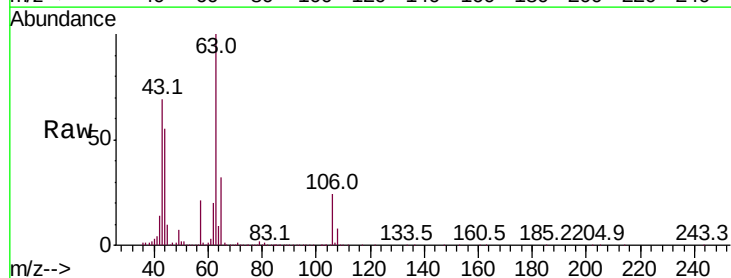
Acq: 20 Mar 2019 07:46

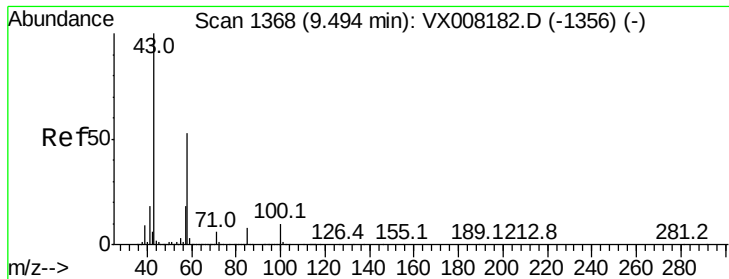
Tgt Ion: 63 Resp: 810749

Ion Ratio Lower Upper

63 100

106 24.9 22.2 33.2





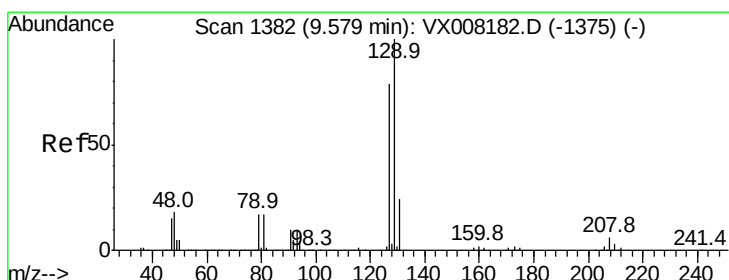
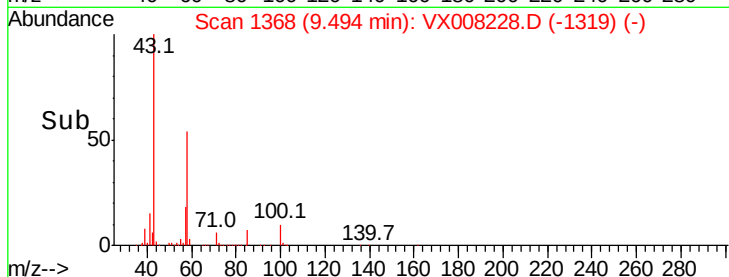
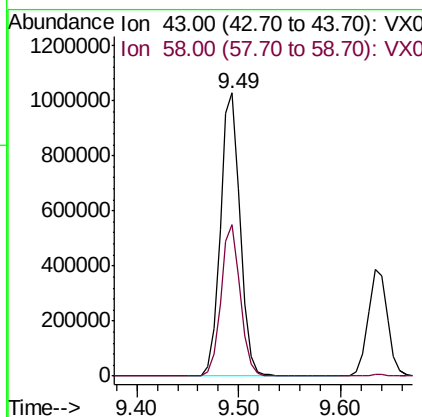
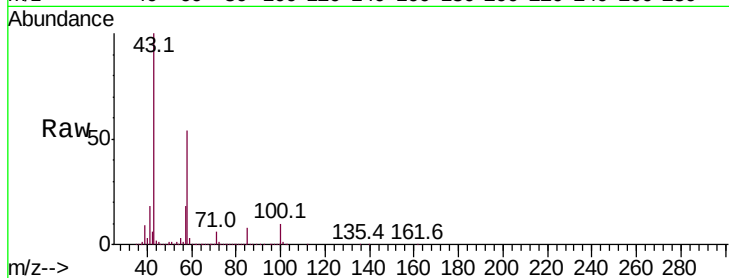
#59
2-Hexanone
Concen: 262.998 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1382815
Ion Ratio Lower Upper
43 100
58 52.5 27.6 82.7

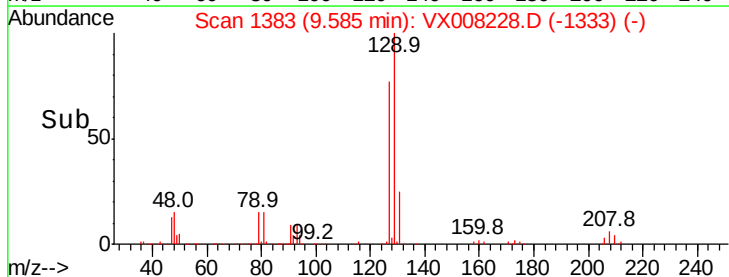
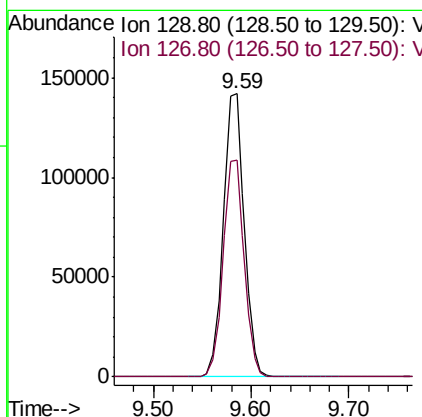
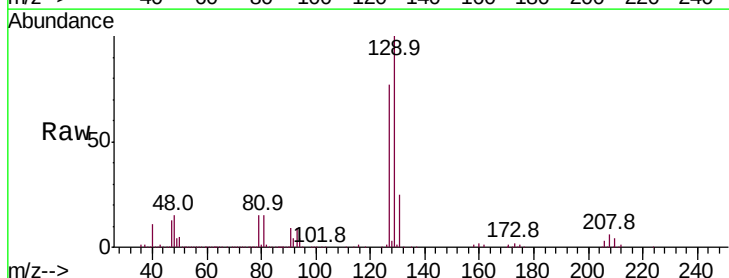
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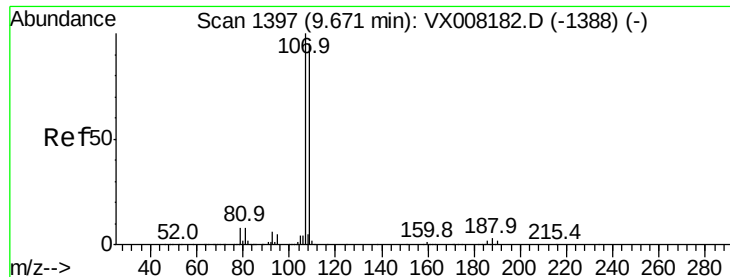
MMDadoda
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#60
Dibromochloromethane
Concen: 55.210 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 129 Resp: 209873
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.110 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 219351

Ion Ratio Lower Upper

107 100

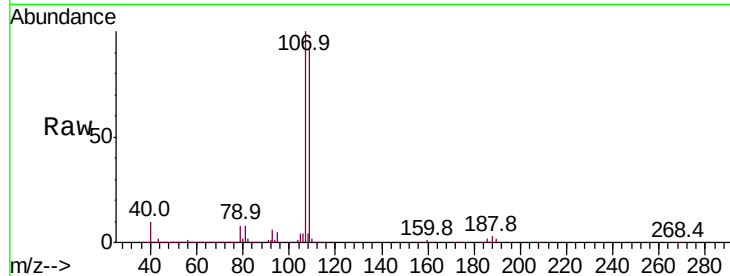
109 94.0 75.8 113.8

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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

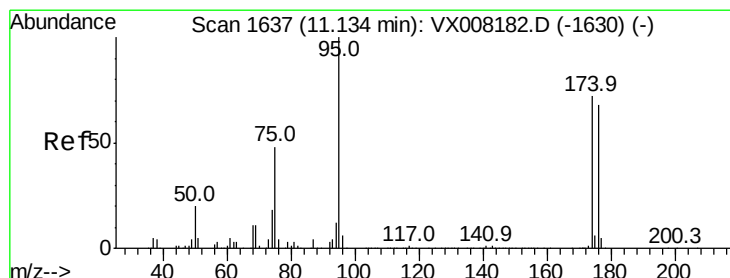
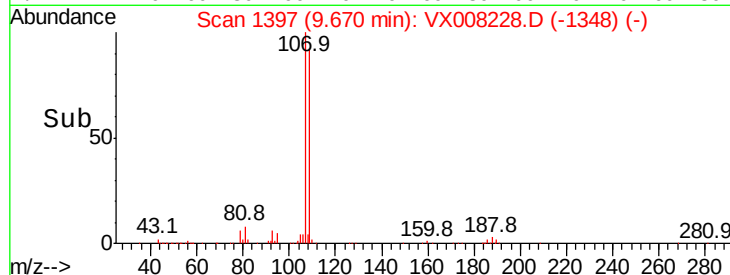
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.488 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

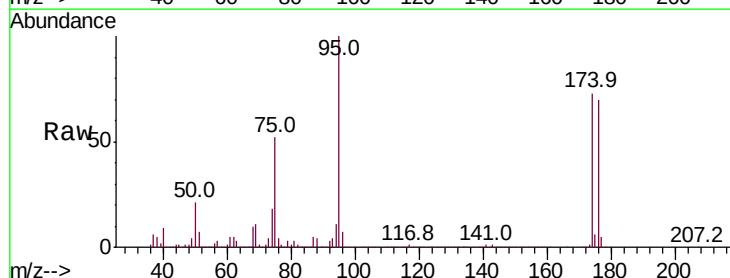
Tgt Ion: 95 Resp: 202916

Ion Ratio Lower Upper

95 100

174 78.6 0.0 182.8

176 76.1 0.0 178.0



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

200000

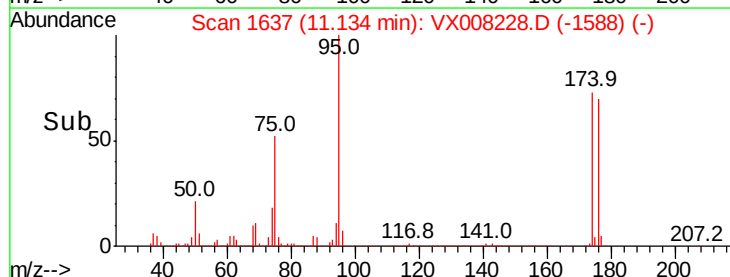
150000

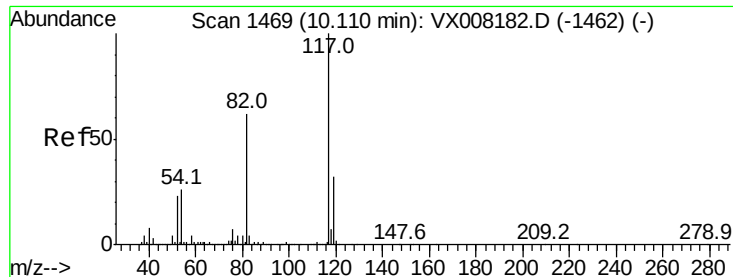
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

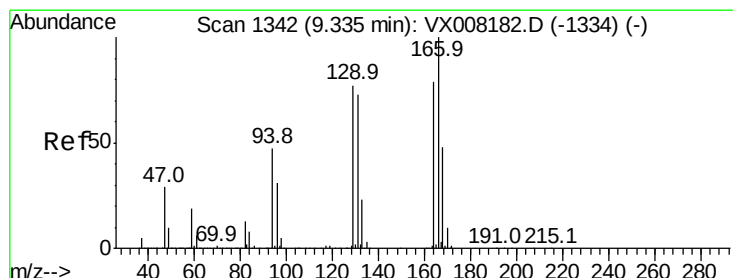
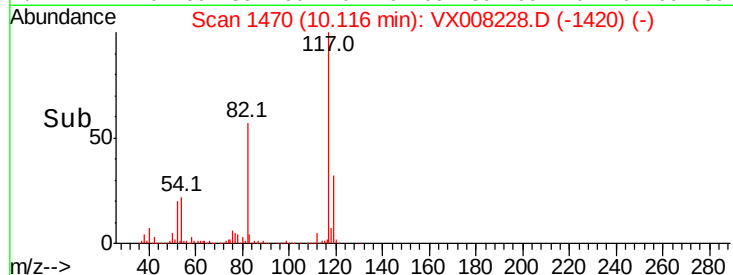
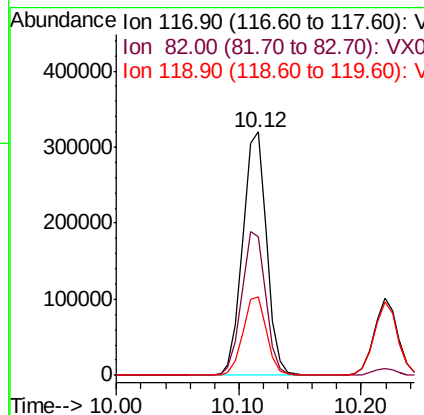
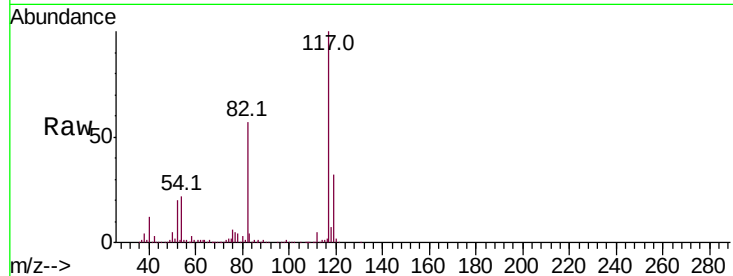
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	431603
Ion Ratio	Lower	Upper	
117	100		
82	56.7	44.3	66.5
119	32.5	25.3	37.9

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#64

Tetrachloroethene

Concen: 50.611 ug/l

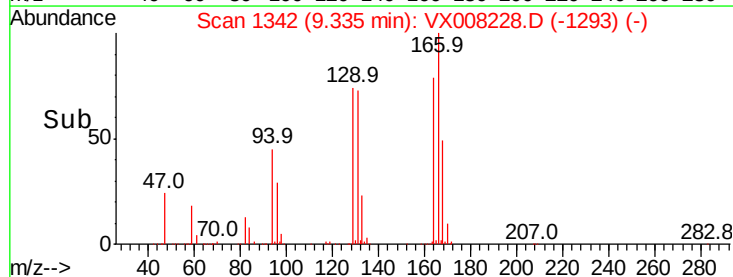
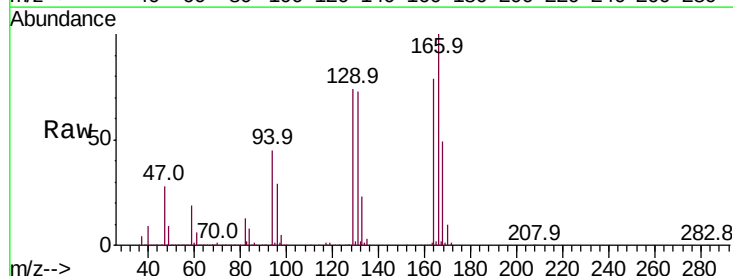
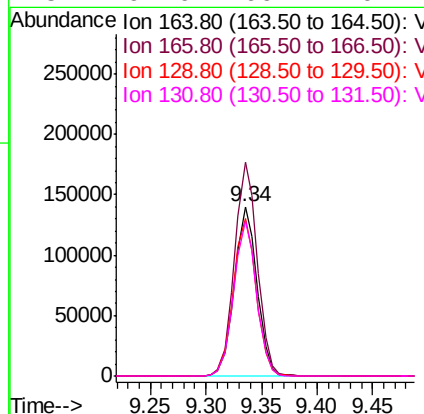
RT: 9.34 min Scan# 1342

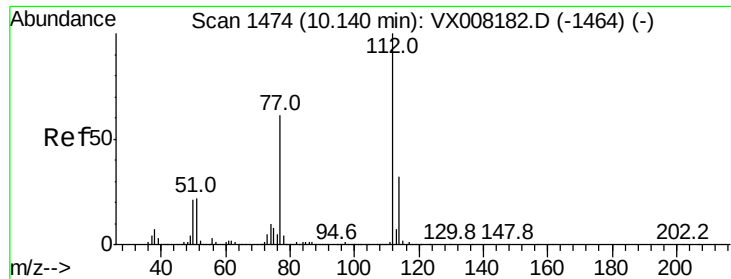
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	164	Resp:	197071
Ion Ratio	Lower	Upper	
164	100		
166	126.2	103.4	155.0
129	93.3	72.2	108.4
131	91.6	69.4	104.2





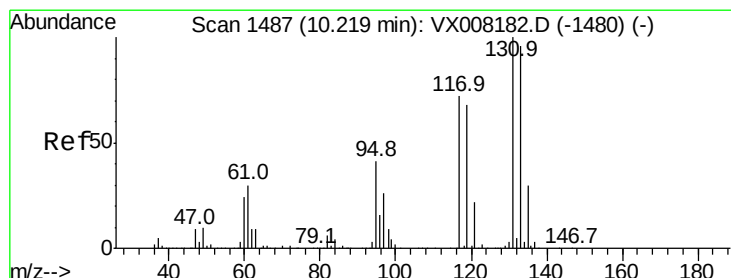
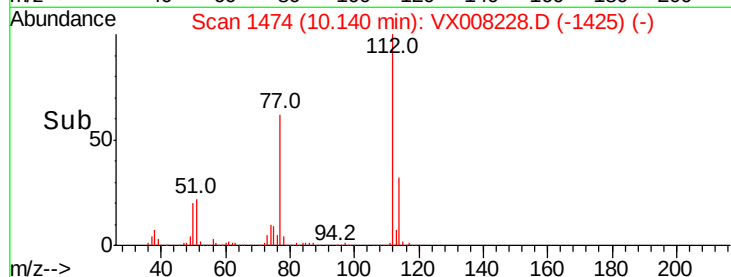
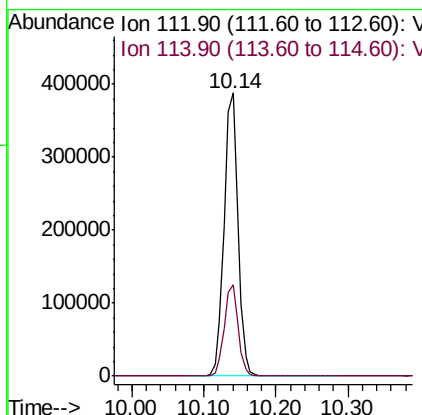
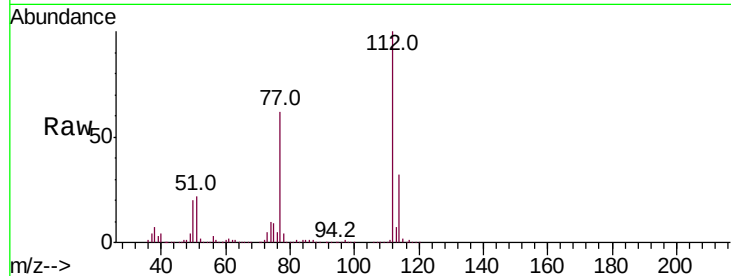
#65
Chlorobenzene
Concen: 49.574 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 526477
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

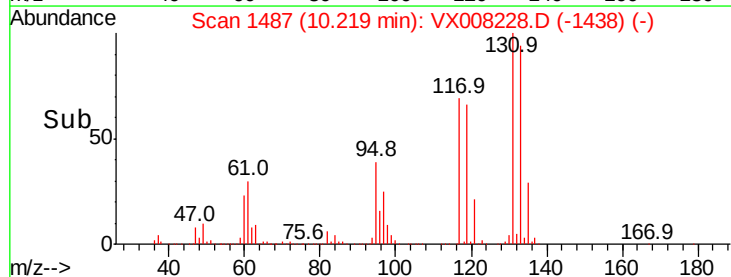
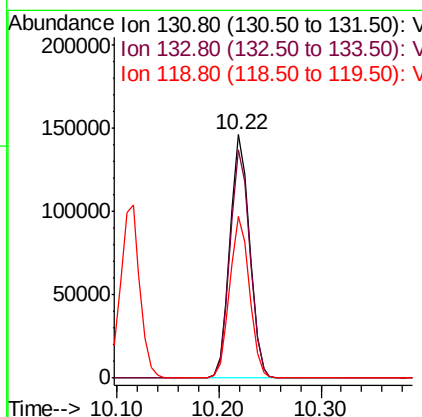
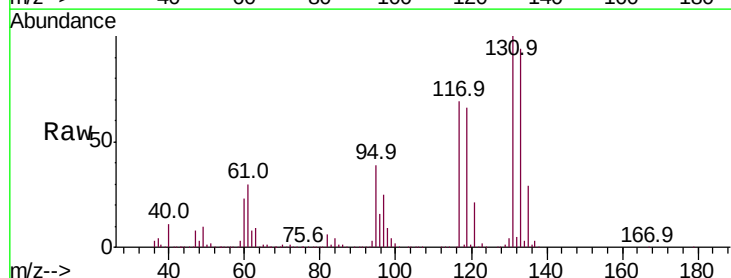
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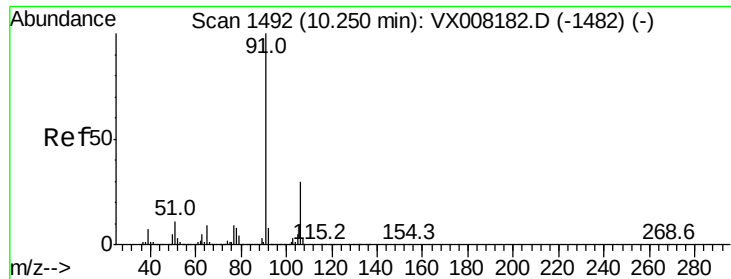
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.233 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion:131 Resp: 193406
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 66.6 32.5 97.5





#67

Ethyl Benzene

Concen: 50.016 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 936037

Ion Ratio Lower Upper

91 100

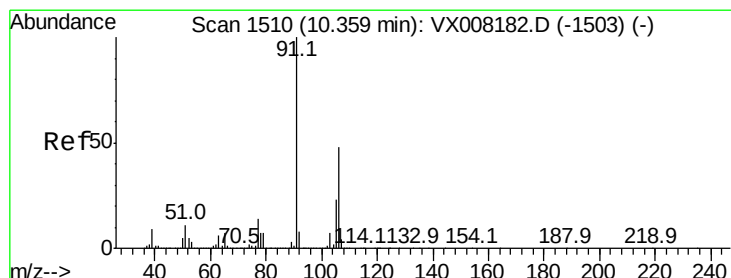
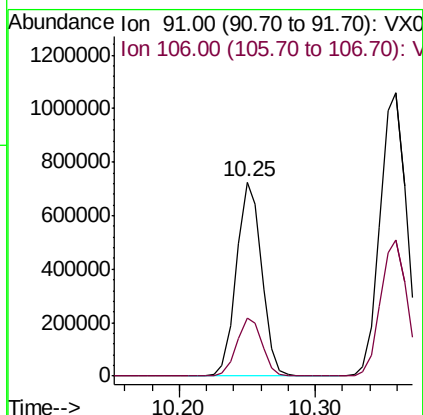
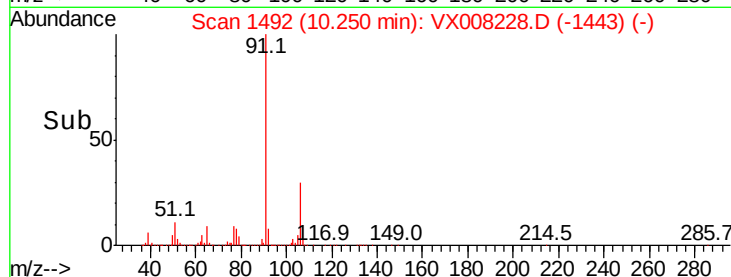
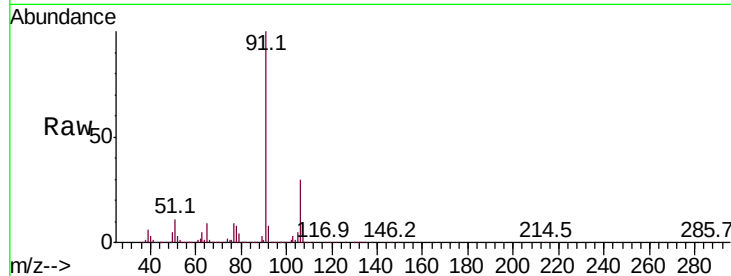
106 30.0 25.2 37.8

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#68

m/p-Xylenes

Concen: 99.973 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008228.D

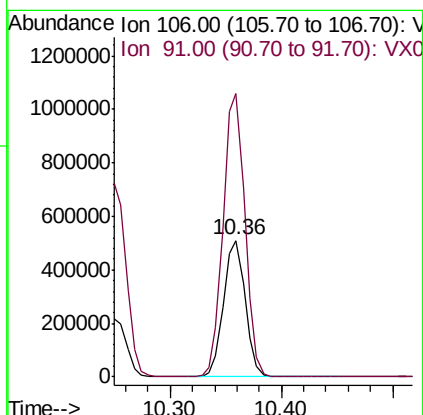
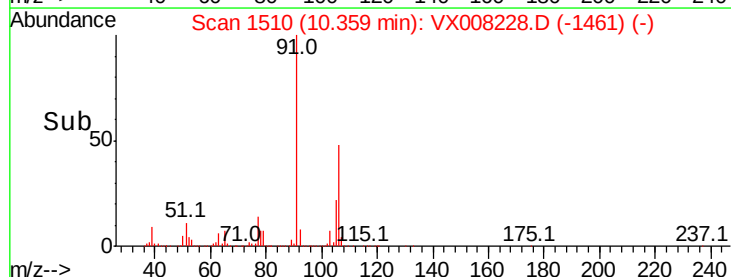
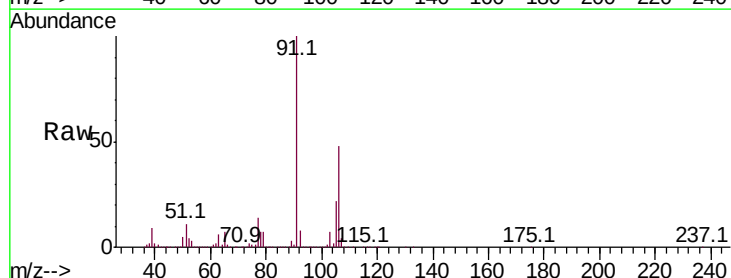
Acq: 20 Mar 2019 07:46

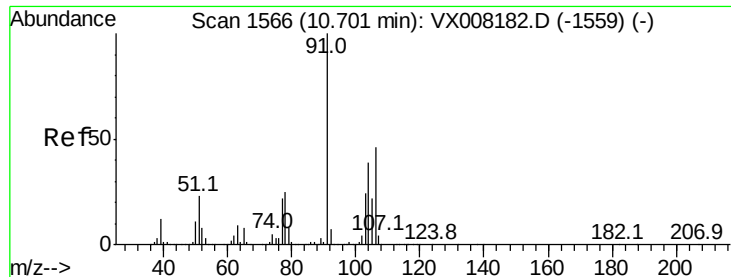
Tgt Ion: 106 Resp: 687273

Ion Ratio Lower Upper

106 100

91 209.5 159.8 239.6





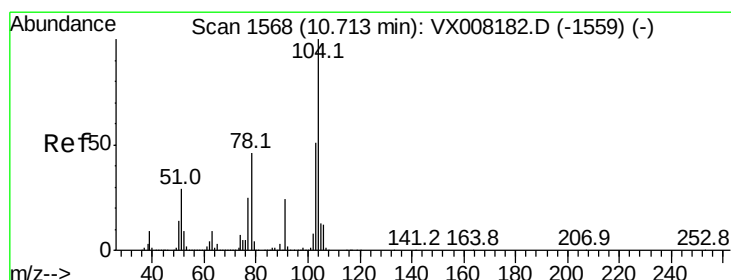
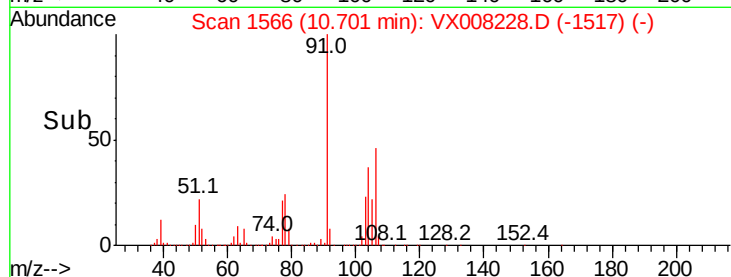
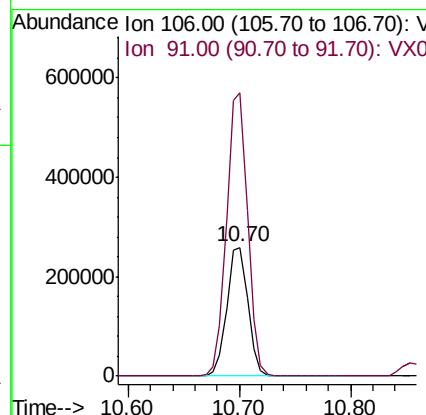
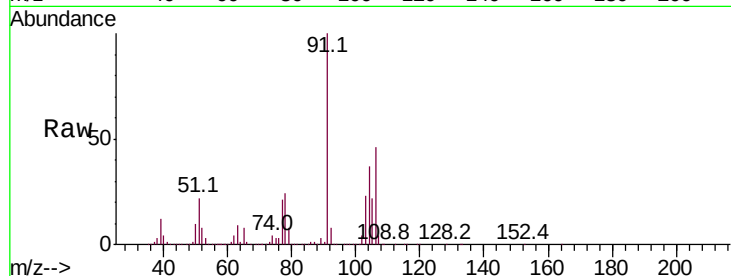
#69
o-Xylene
Concen: 50.988 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.3	106.3	318.9

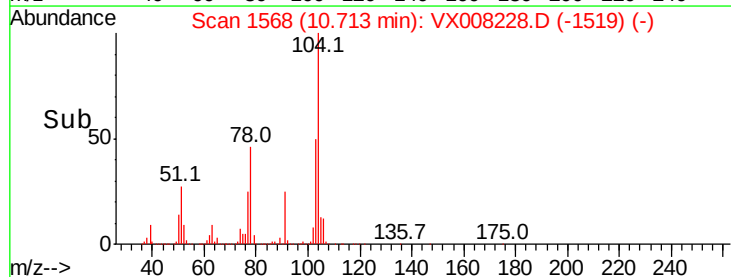
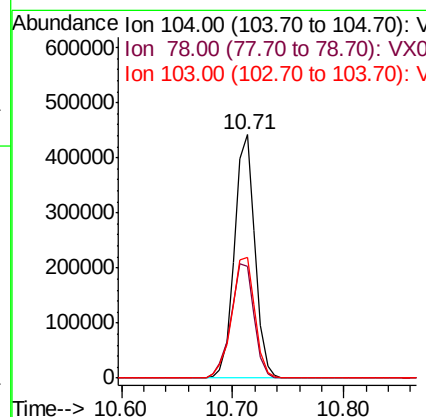
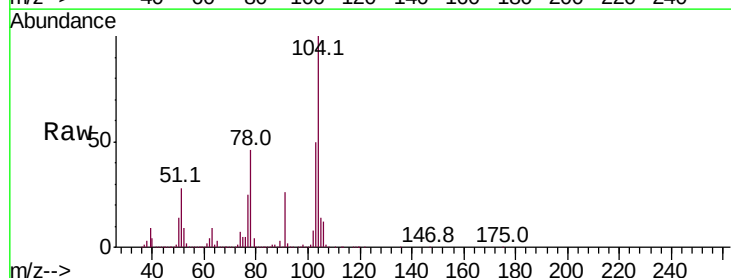
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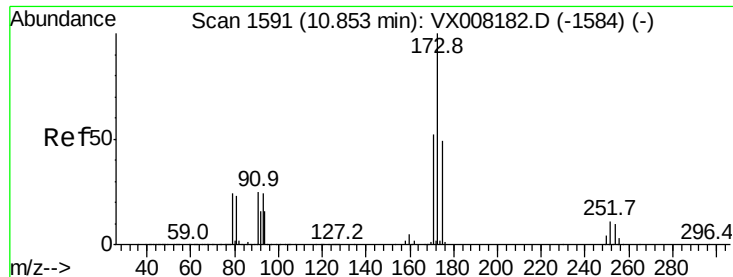
MMDadoda
3/20/2019 10:27:53 AM



#70
Styrene
Concen: 51.490 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.5	38.5	57.7
103	56.1	44.1	66.1





#71

Bromoform

Concen: 47.753 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

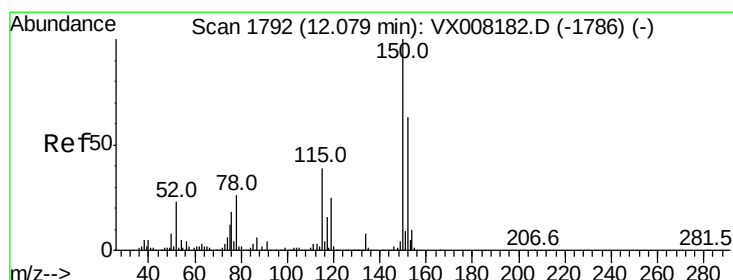
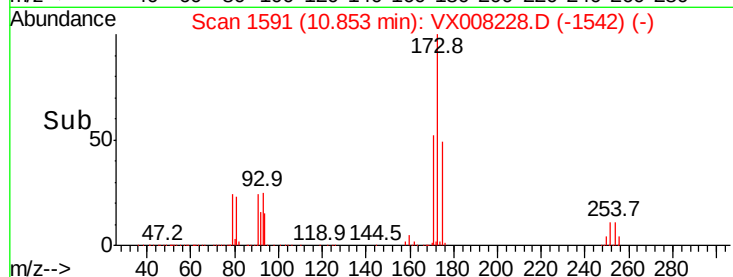
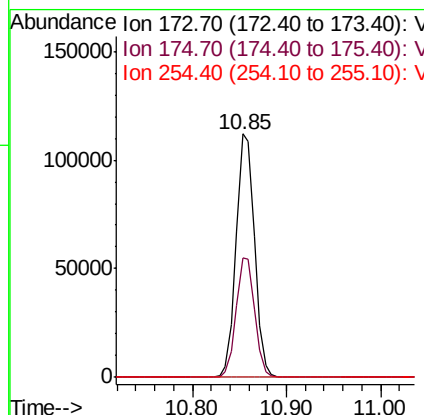
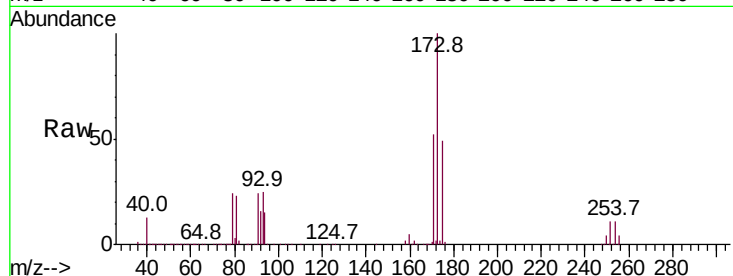
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
173	100	152019		
175	49.6	24.3	72.9	
254	0.2	0.1	0.1#	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

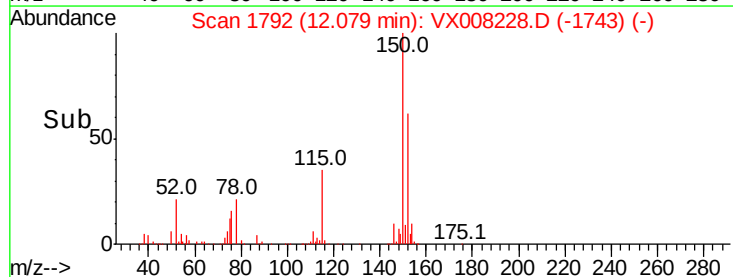
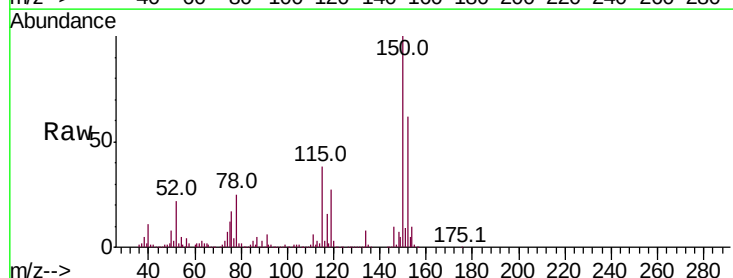
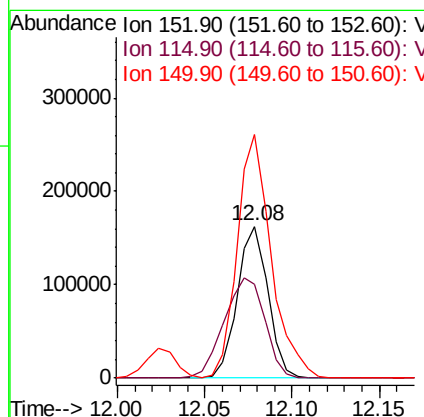
RT: 12.08 min Scan# 1792

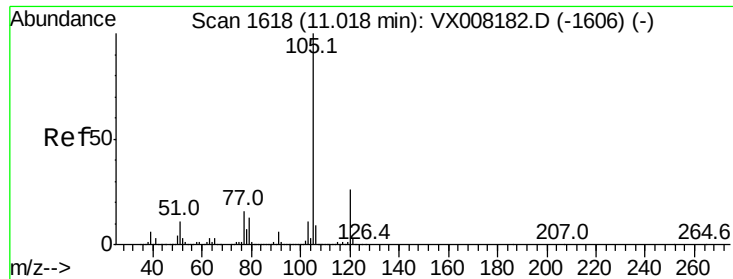
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	197467		
115	87.9	38.6	115.7	
150	177.9	0.0	348.4	





#73

Isopropylbenzene

Concen: 50.208 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 883737

Ion Ratio Lower Upper

105 100

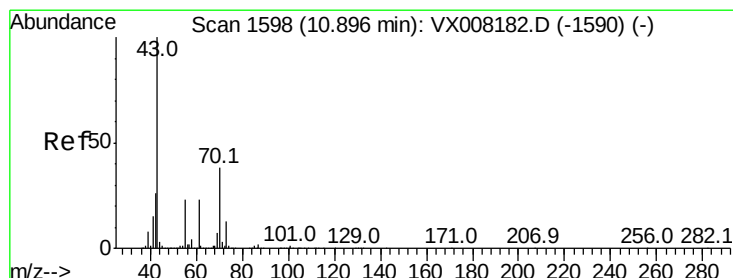
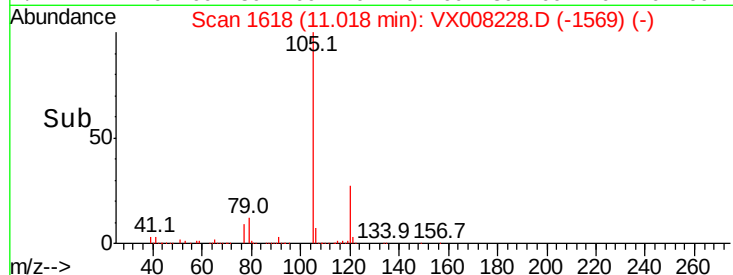
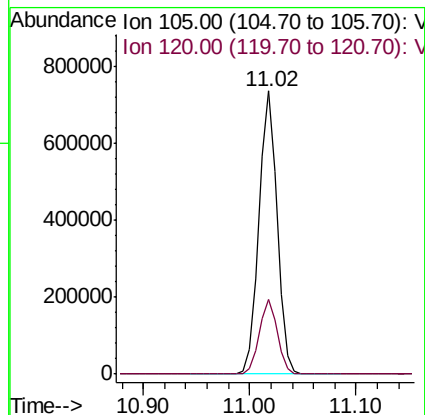
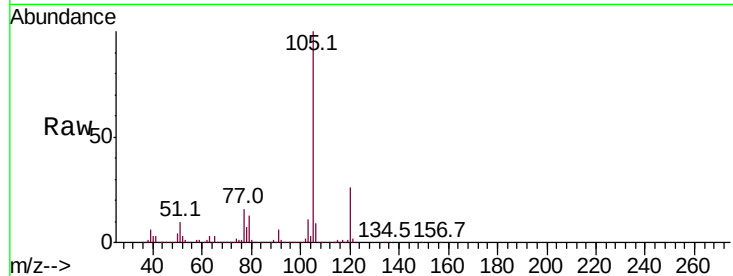
120 26.1 13.4 40.1

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#74

N-ethyl acetate

Concen: 52.745 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 486403

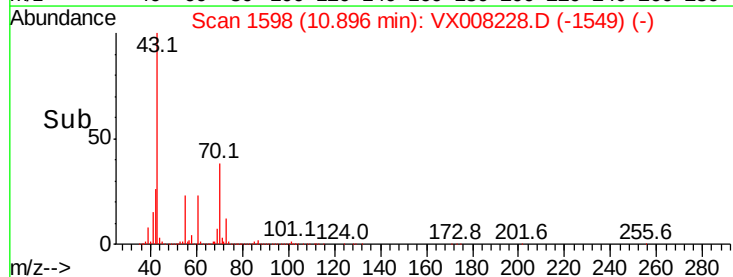
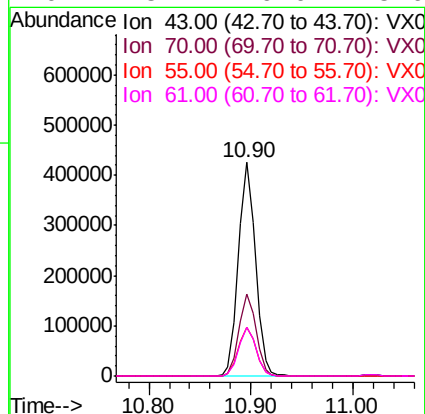
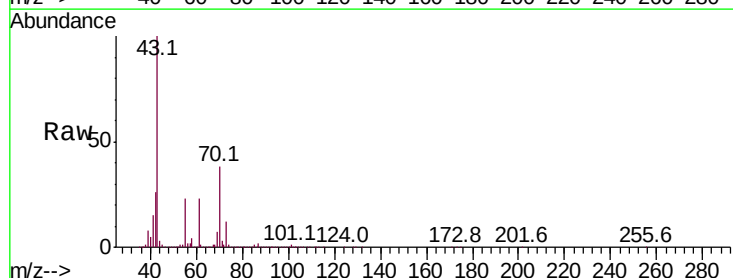
Ion Ratio Lower Upper

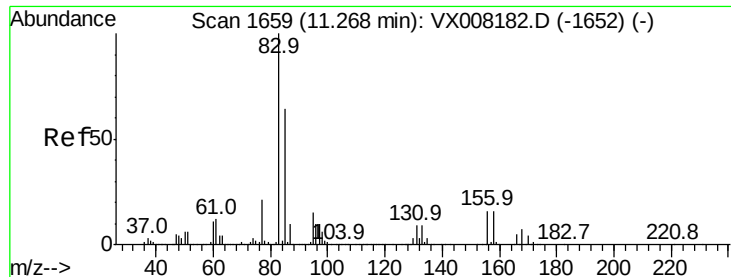
43 100

70 38.5 33.5 50.3

55 23.5 19.2 28.8

61 23.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.024 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

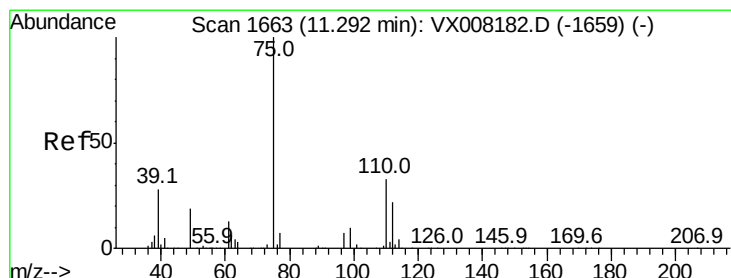
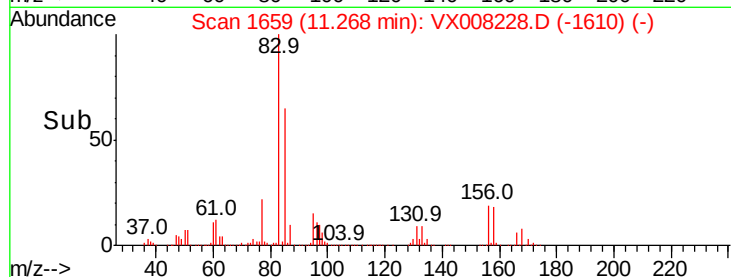
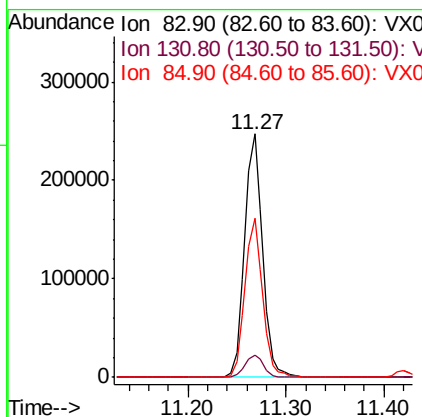
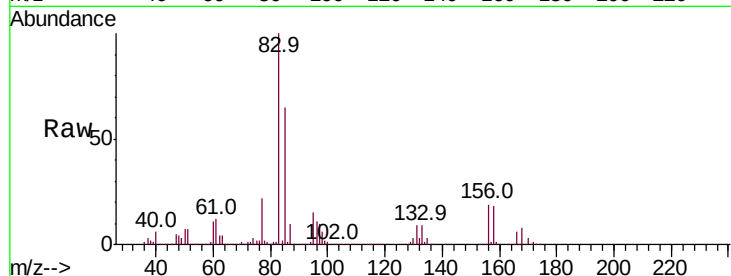
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	315727
Ion Ratio	Lower	Upper	
83	100		
131	9.4	5.4	16.2
85	64.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.118 ug/l m

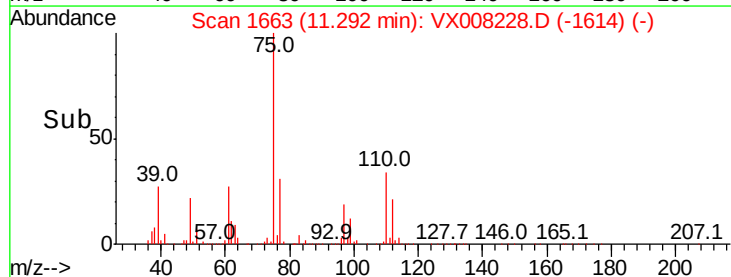
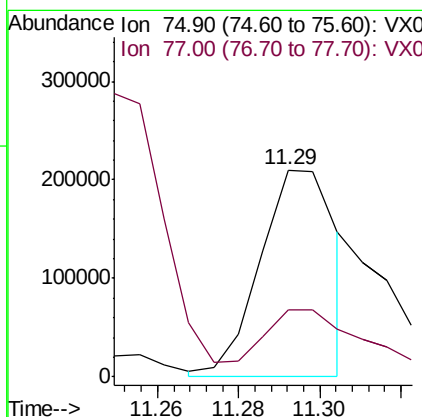
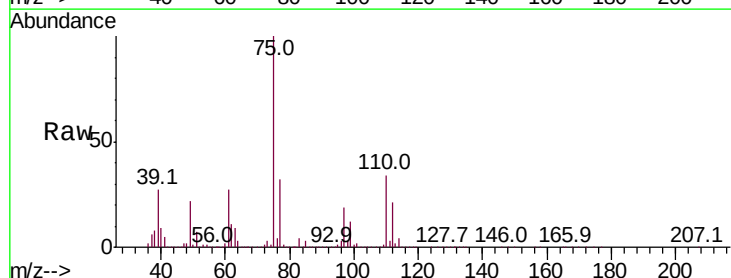
RT: 11.29 min Scan# 1663

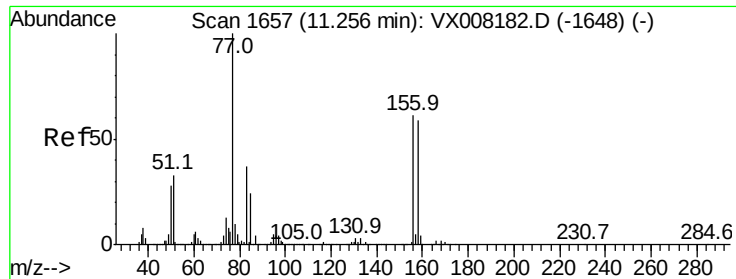
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	75	Resp:	272801
Ion Ratio	Lower	Upper	
75	100		
77	44.7	18.9	56.7





#77

Bromobenzene

Concen: 51.382 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

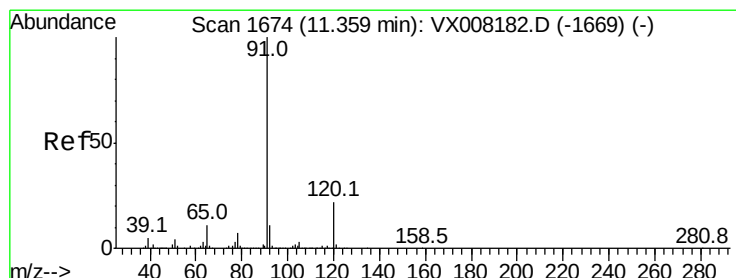
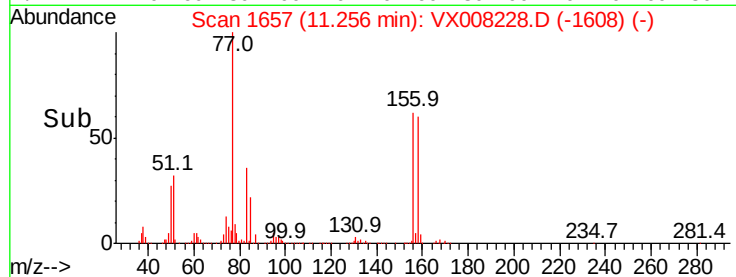
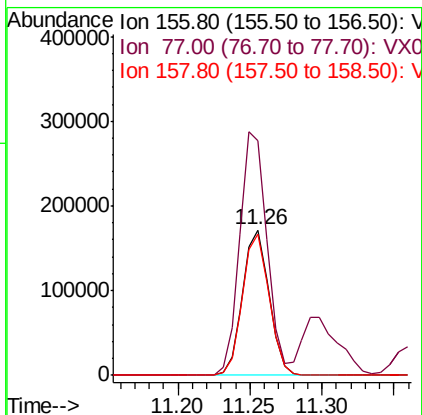
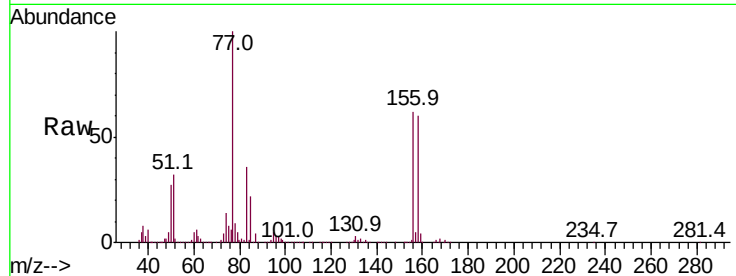
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	218664
Ion Ratio	Lower	Upper	
156	100		
77	172.2	72.0	215.9
158	97.5	48.6	145.9

Manual Integrations
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3/20/2019 10:27:53 AM



#78

n-propylbenzene

Concen: 49.757 ug/l

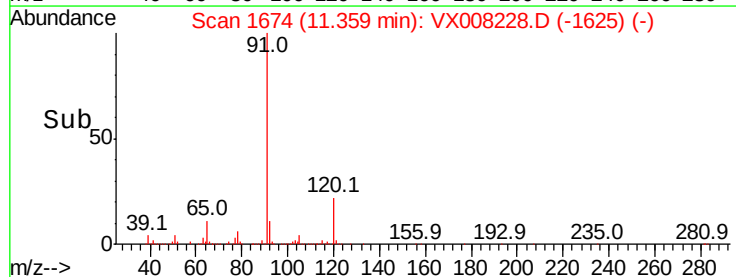
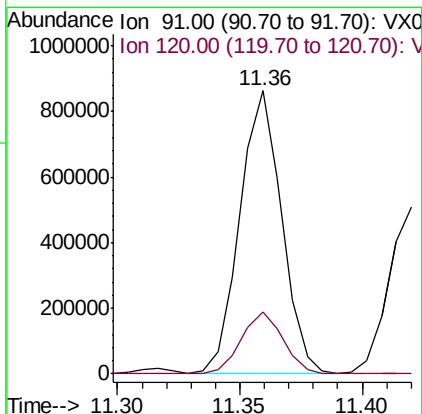
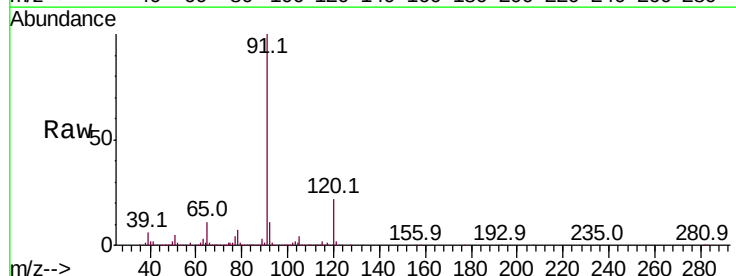
RT: 11.36 min Scan# 1674

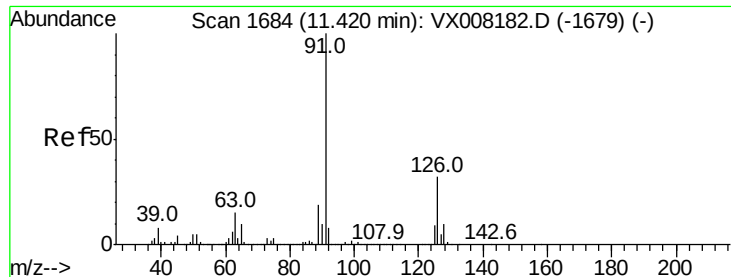
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	91	Resp:	1017195
Ion Ratio	Lower	Upper	
91	100		
120	21.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.635 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 609031

Ion Ratio Lower Upper

91 100

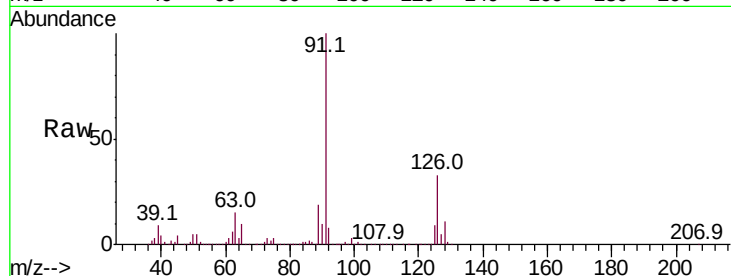
126 33.0 17.5 52.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008182.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008182.D (-1679) (-)

1000000

800000

600000

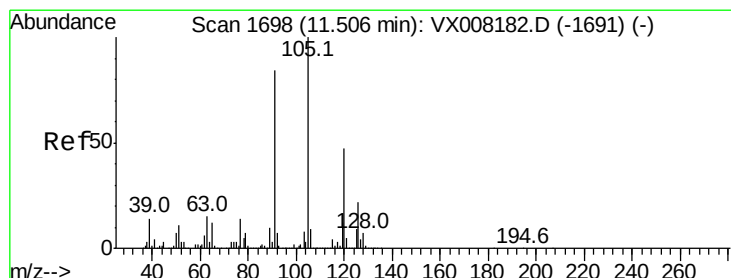
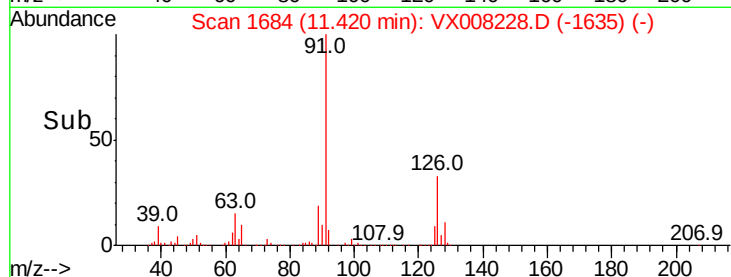
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.491 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008228.D

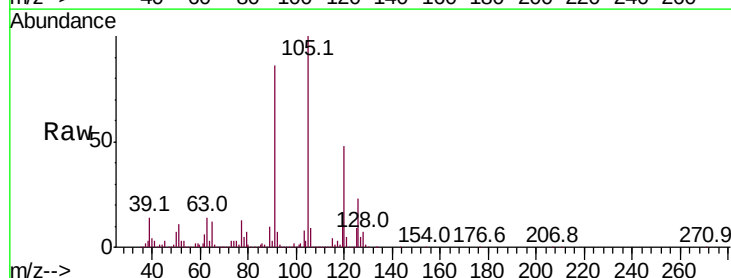
Acq: 20 Mar 2019 07:46

Tgt Ion: 105 Resp: 734218

Ion Ratio Lower Upper

105 100

120 47.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008182.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008182.D (-1691) (-)

600000

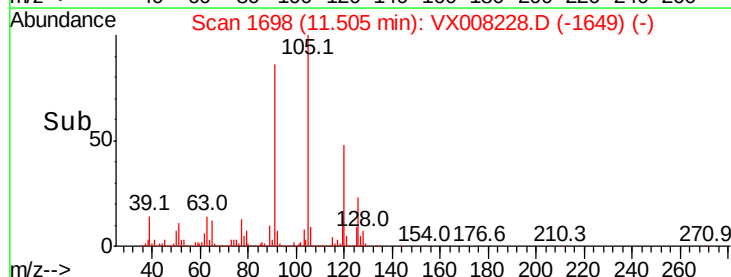
400000

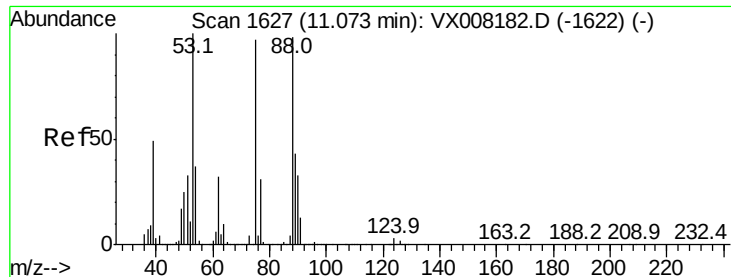
200000

0

11.50 11.51 11.60

Time-->





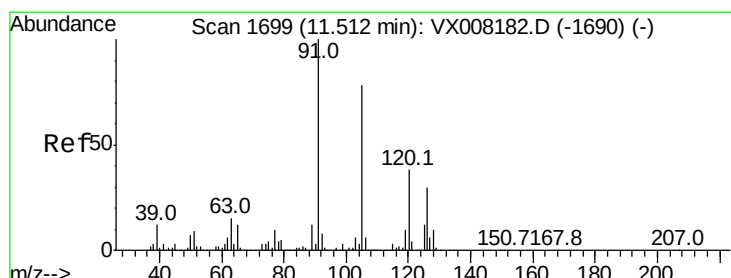
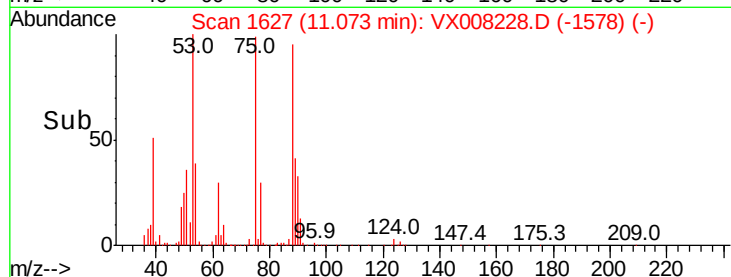
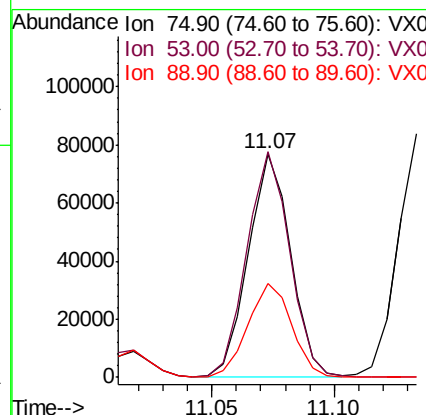
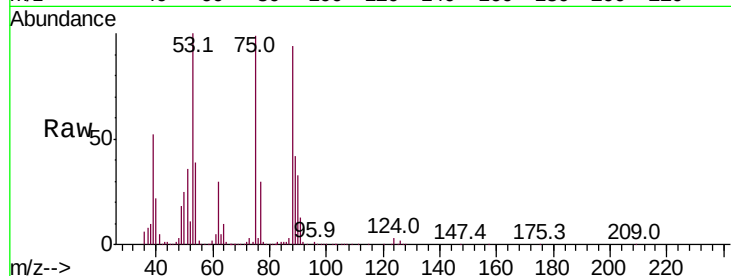
#81
trans-1,4-Dichloro-2-butene
Concen: 42.412 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 91912
Ion Ratio Lower Upper
75 100
53 102.3 76.1 114.1
89 43.8 36.3 54.5

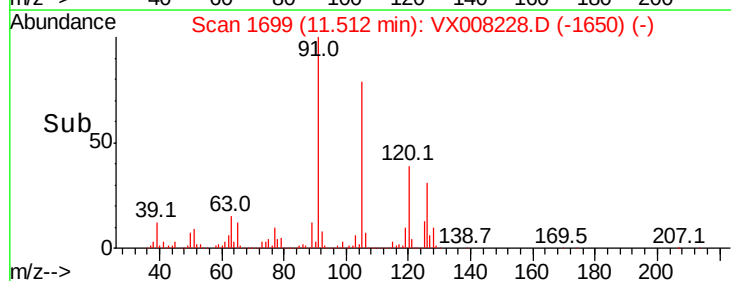
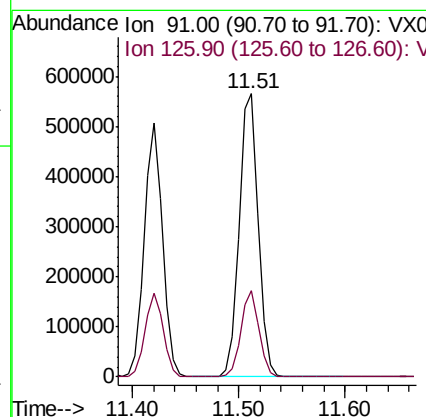
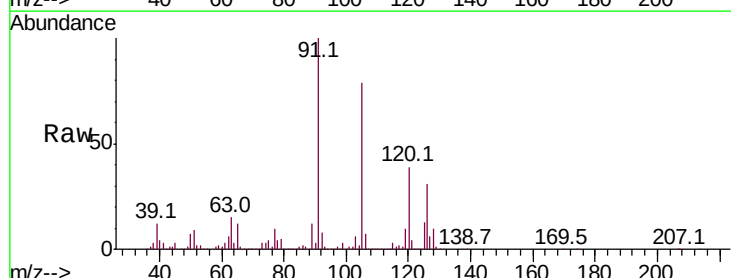
Manual Integrations
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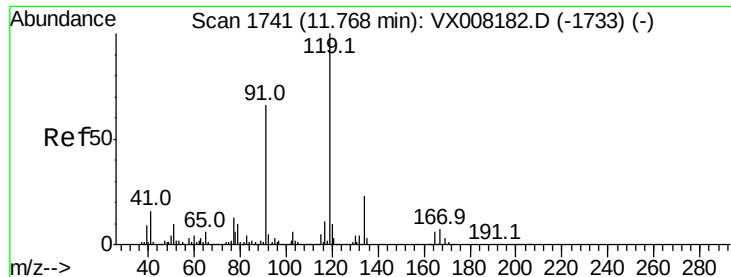
MMDadoda
3/20/2019 10:27:53 AM



#82
4-Chlorotoluene
Concen: 49.725 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 91 Resp: 709996
Ion Ratio Lower Upper
91 100
126 29.0 15.6 46.8





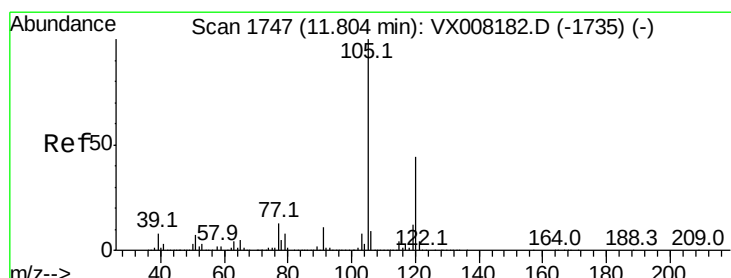
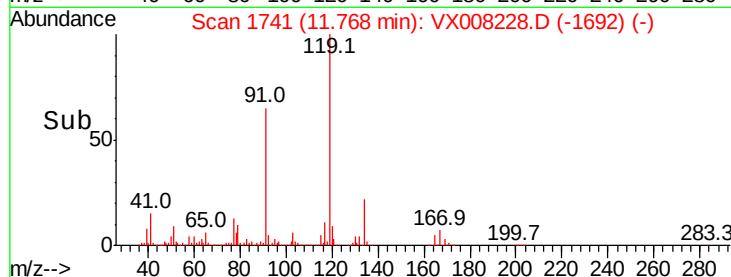
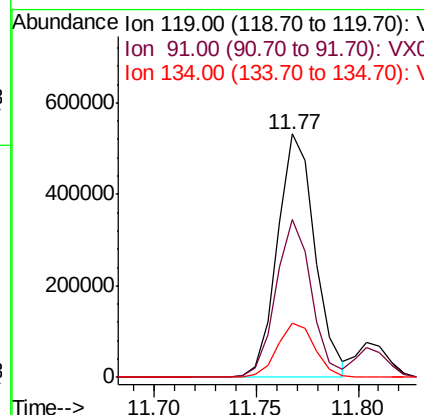
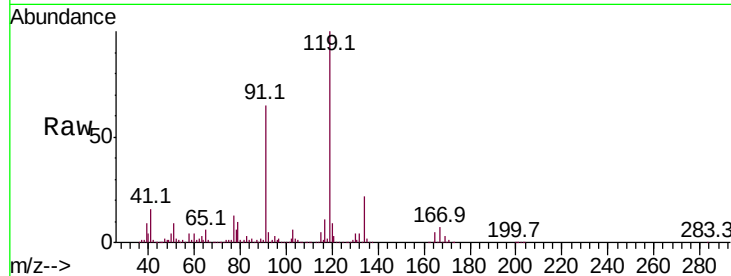
#83
 tert-Butylbenzene
 Concen: 49.042 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	680861		
91	61.8		27.1	81.3
134	22.5		11.4	34.1

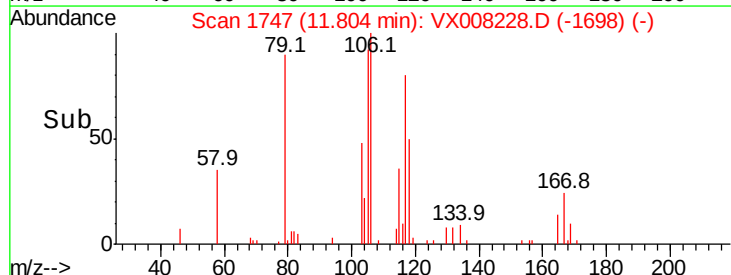
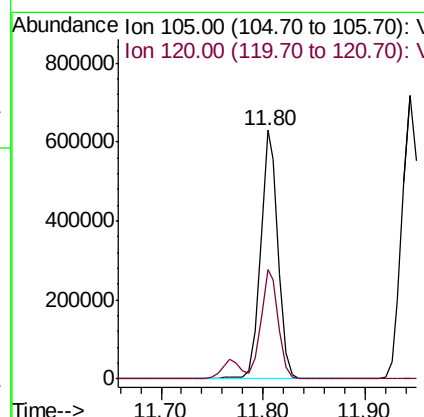
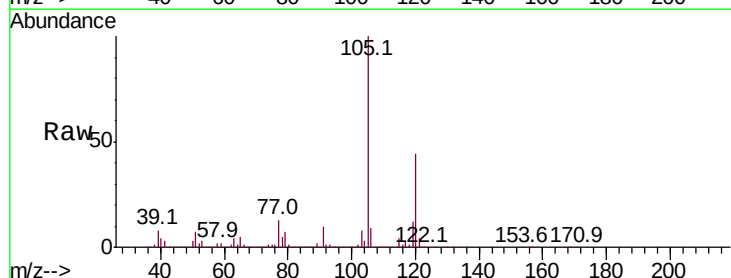
Manual Integrations
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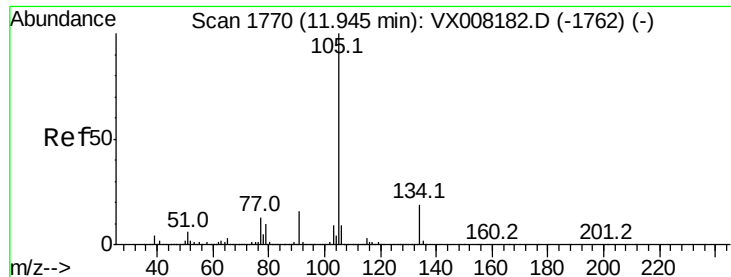
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.963 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	751284		
120	43.6		22.6	67.7





#85

sec-Butylbenzene

Concen: 49.283 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 847299

Ion Ratio Lower Upper

105 100

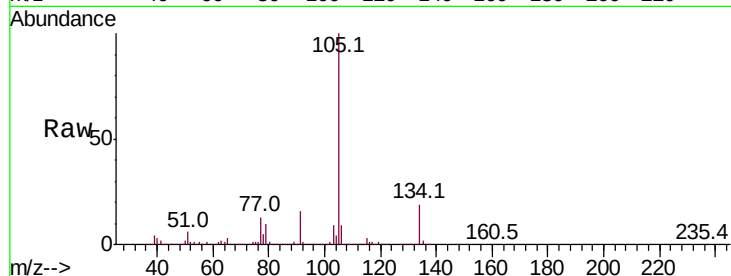
134 19.1 10.4 31.2

Manual Integrations

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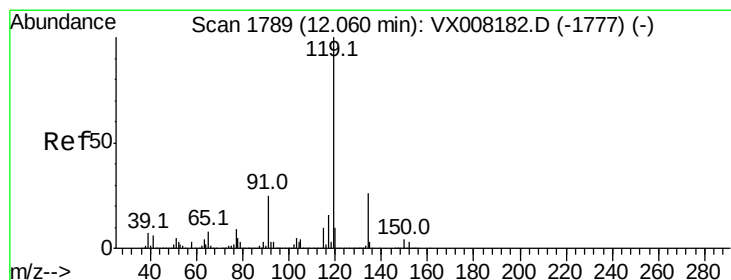
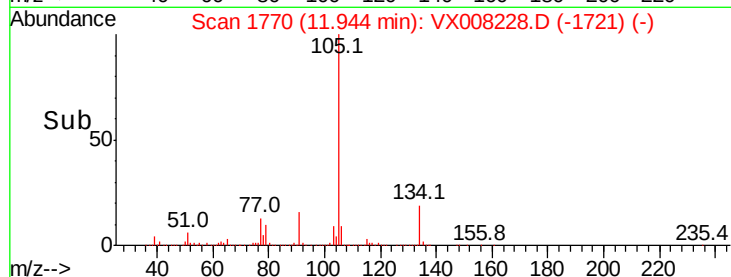
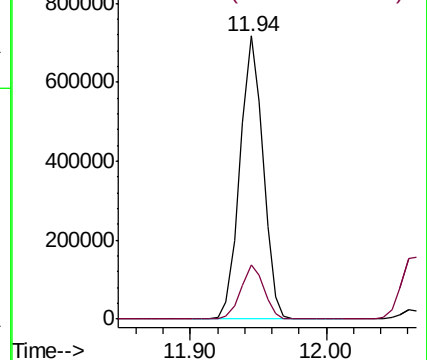
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.594 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

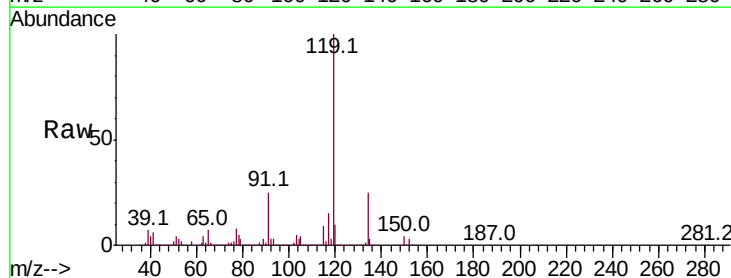
Tgt Ion:119 Resp: 738052

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

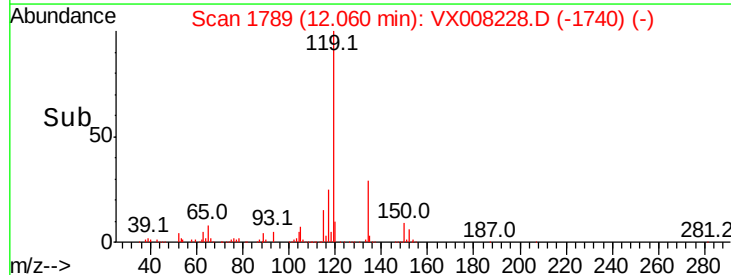
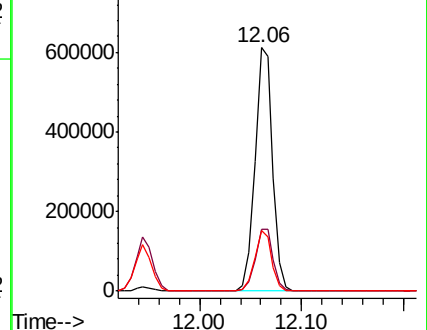
91 24.1 10.9 32.7

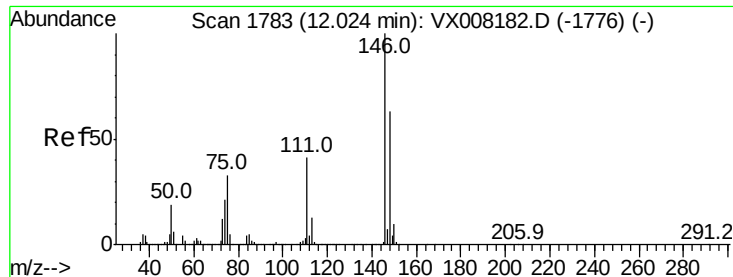


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.569 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

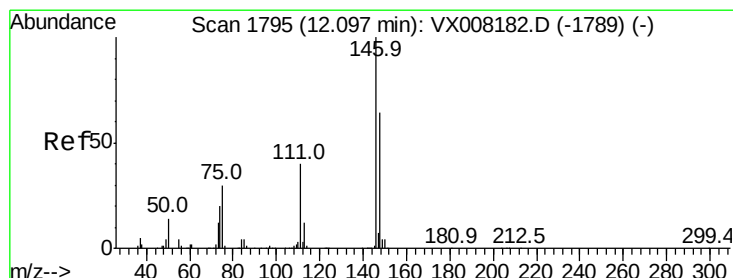
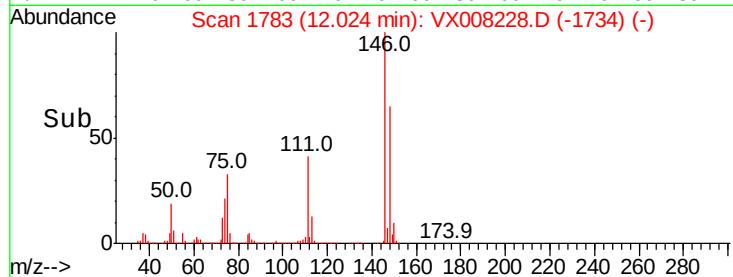
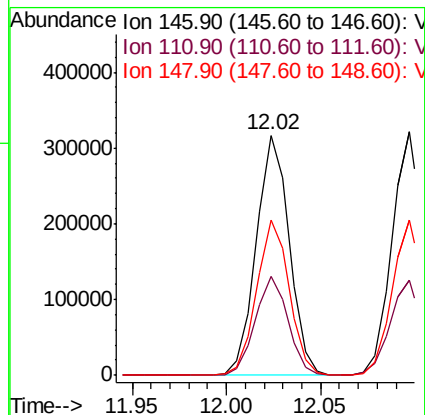
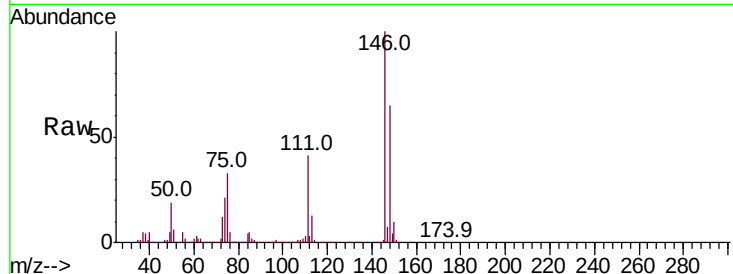
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	384599
Ion Ratio	Lower	Upper	
146	100		
111	40.9	18.9	56.7
148	64.1	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.571 ug/l

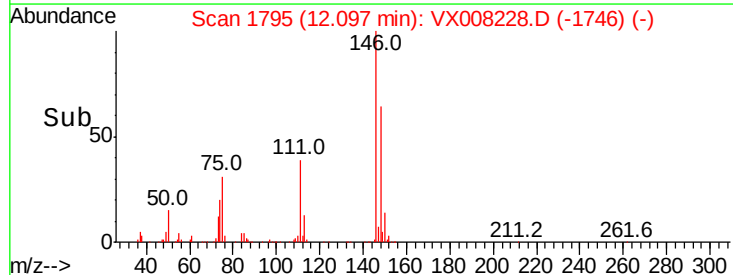
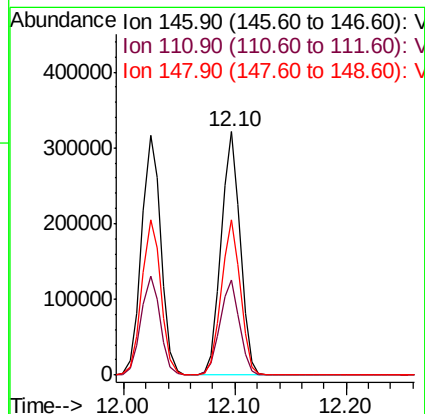
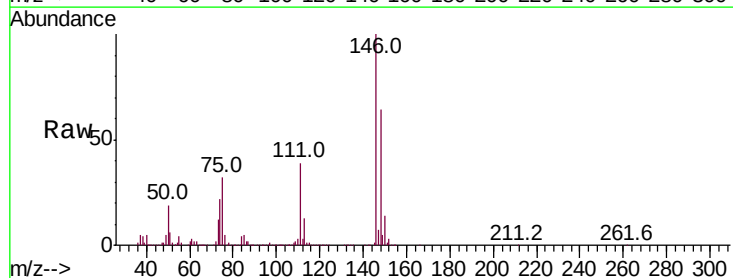
RT: 12.10 min Scan# 1795

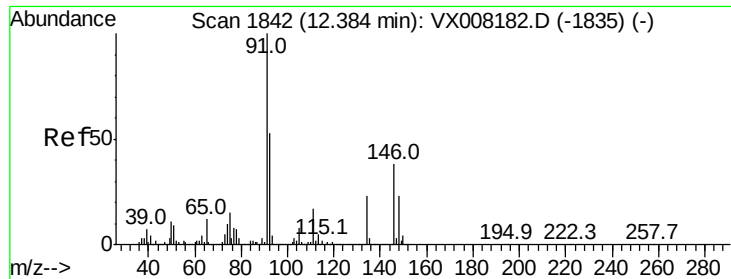
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	146	Resp:	382100
Ion Ratio	Lower	Upper	
146	100		
111	39.7	18.4	55.0
148	63.6	32.2	96.6





#89

n-Butylbenzene

Concen: 47.334 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 661158

Ion Ratio Lower Upper

91 100

92 52.7 27.0 80.8

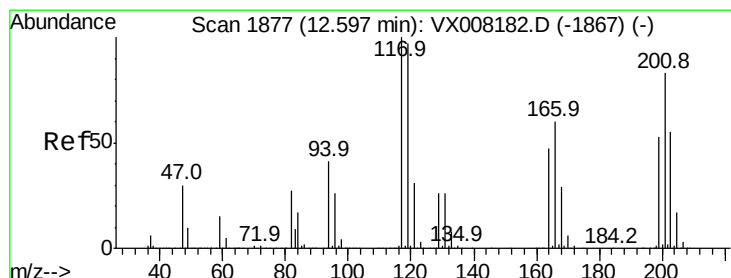
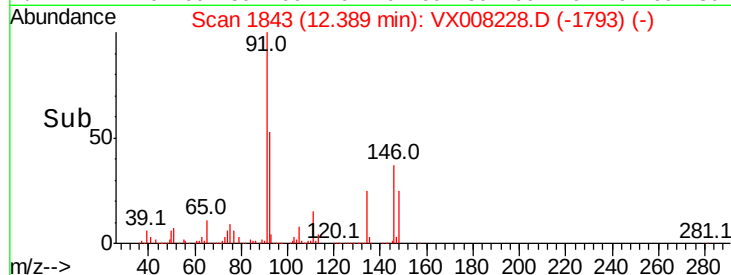
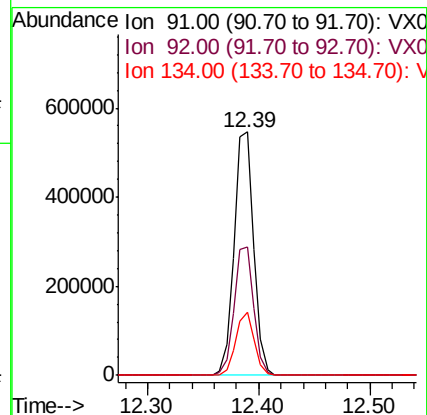
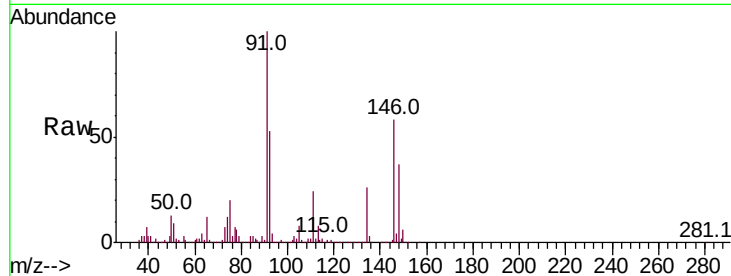
134 24.6 13.7 41.0

Manual Integrations

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#90

Hexachloroethane

Concen: 51.447 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008228.D

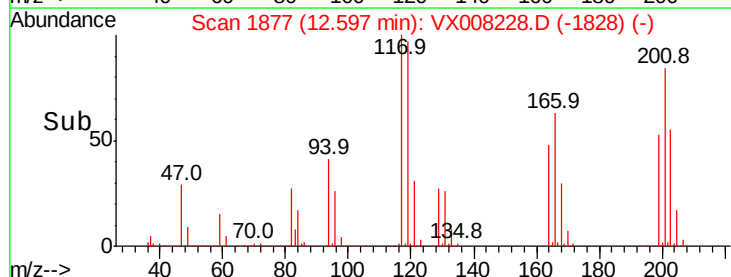
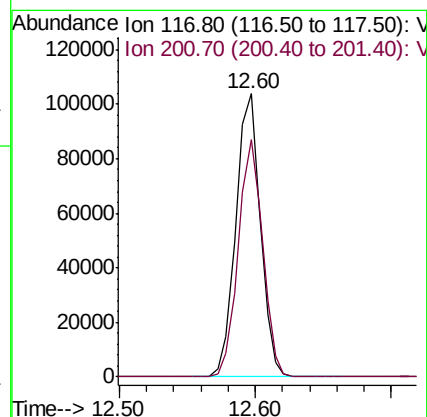
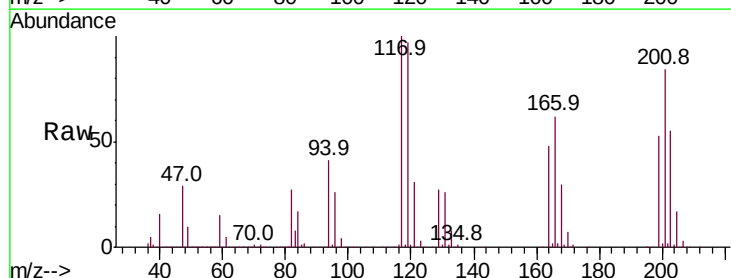
Acq: 20 Mar 2019 07:46

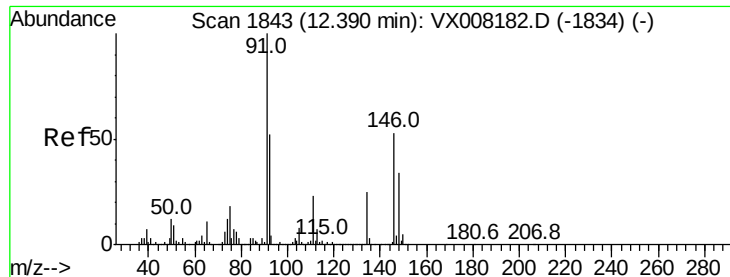
Tgt Ion: 117 Resp: 130396

Ion Ratio Lower Upper

117 100

201 83.3 48.9 146.7





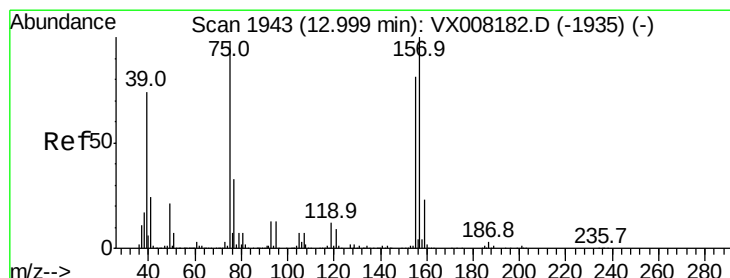
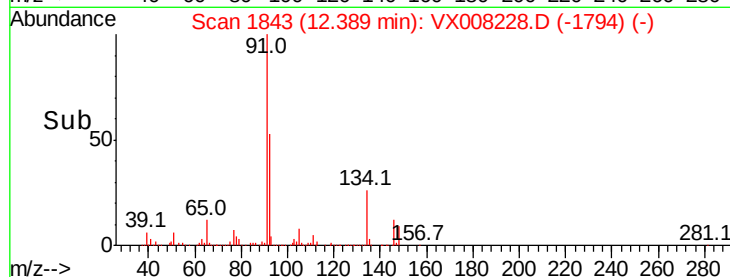
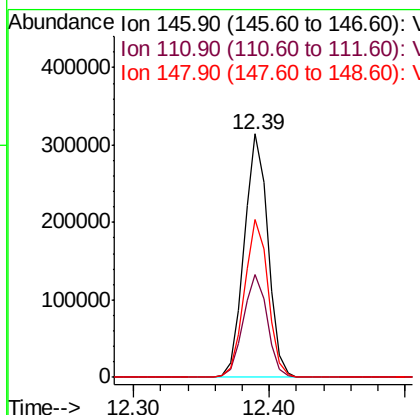
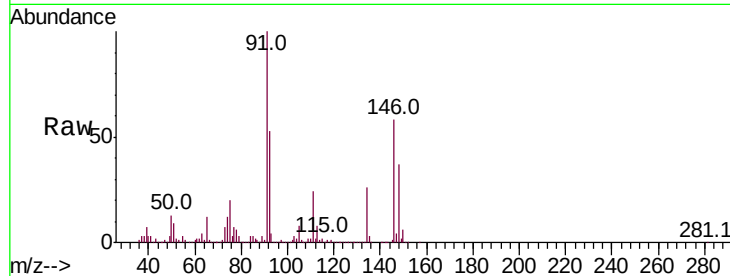
#91
 1,2-Dichlorobenzene
 Concen: 49.853 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.4	19.6	58.8	
148	64.7	31.9	95.5	

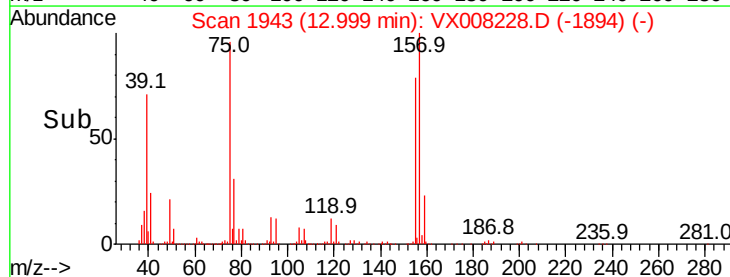
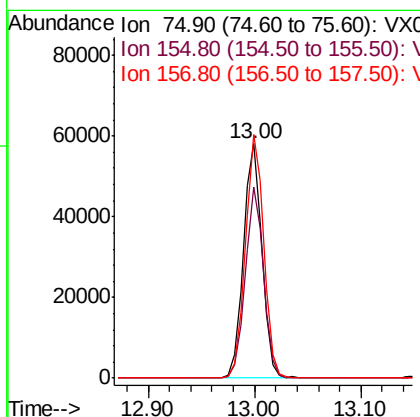
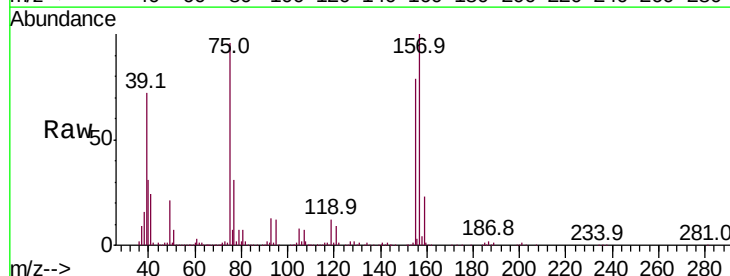
Manual Integrations
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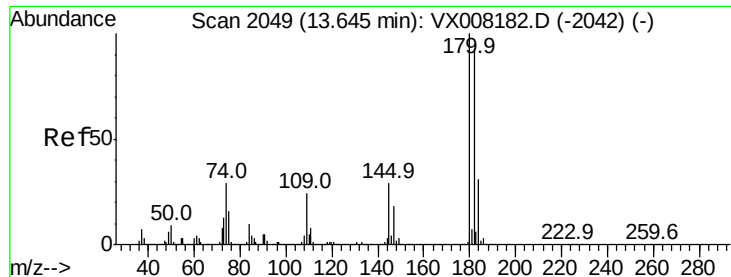
MMDadoda
 3/20/2019 10:27:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.738 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	80.2	49.7	149.1	
157	102.8	63.8	191.4	





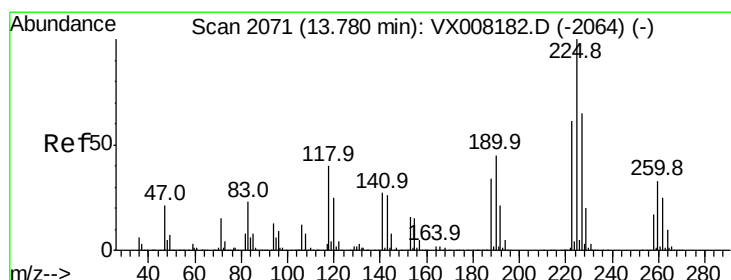
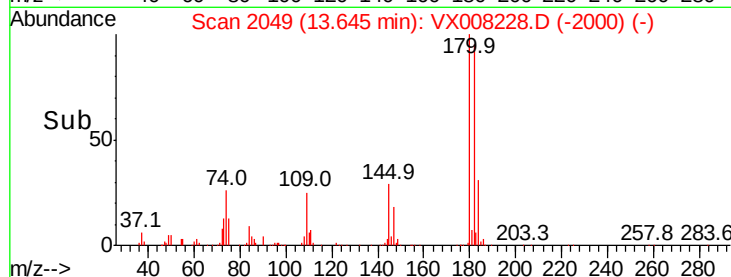
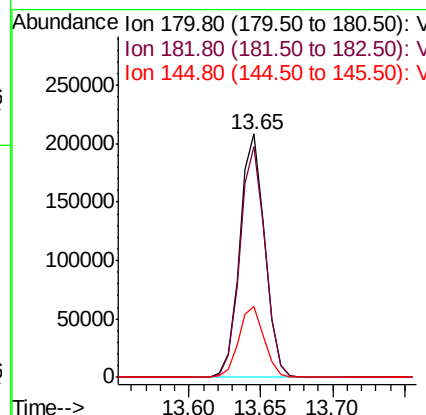
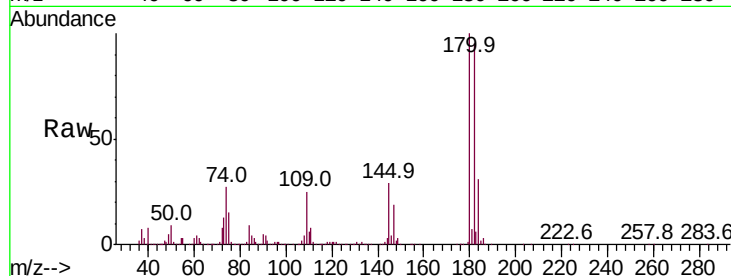
#93
1,2,4-Trichlorobenzene
Concen: 50.027 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	252693		
182	95.4	47.9	143.7	
145	29.6	14.1	42.4	

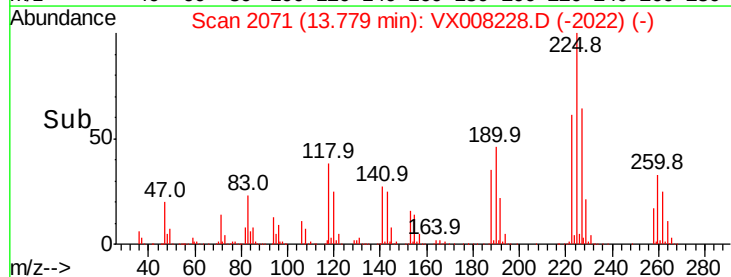
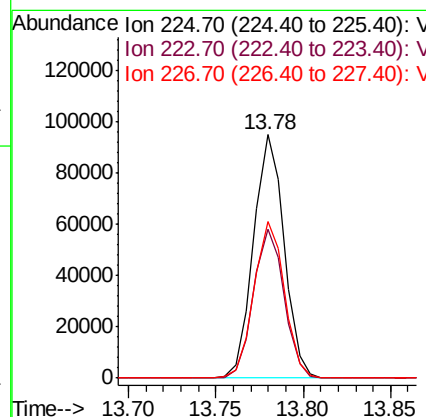
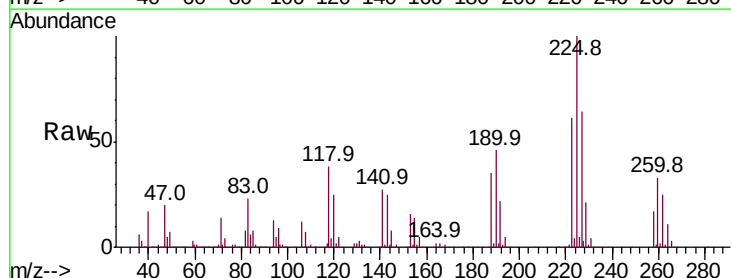
Manual Integrations
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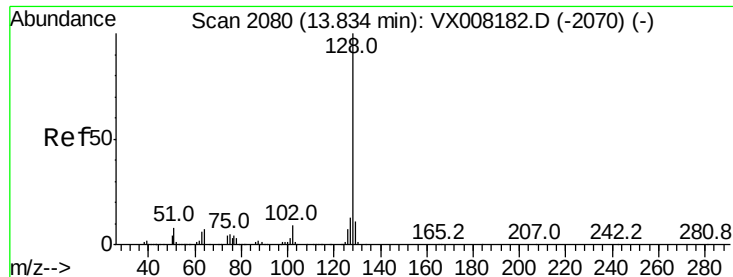
MMDadoda
3/20/2019 10:27:53 AM



#94
Hexachlorobutadiene
Concen: 46.843 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115398		
223	61.4	31.1	93.2	
227	64.1	32.0	96.0	





#95

Naphthalene

Concen: 53.229 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

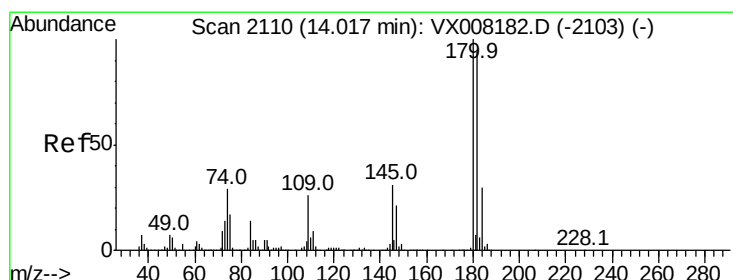
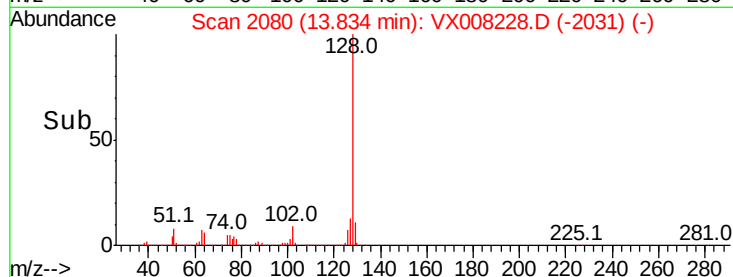
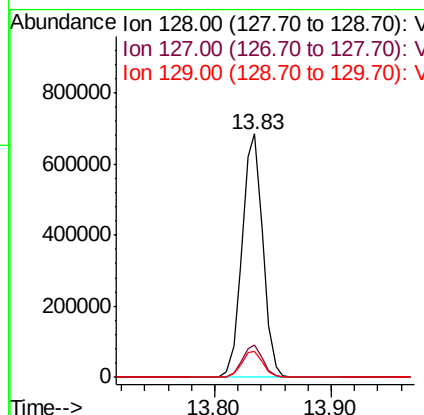
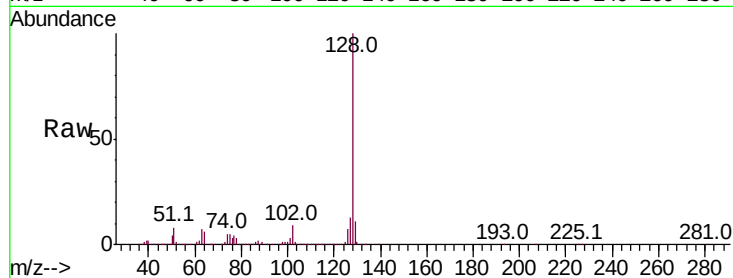
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	848603
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/20/2019 10:27:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.649 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	180	Resp:	256707
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.5	142.5
145	31.5	14.8	44.3

