

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011240.D
 Acq On : 31 Jul 2019 09:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:49:43 AM

Quant Time: Jul 31 10:16:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97711	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	87243	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.71	98	317398	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	124237	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81206	43.292	ug/l	99
3) Chloromethane	1.32	50	76883	47.446	ug/l	97
4) Vinyl Chloride	1.41	62	82649	50.004	ug/l	98
5) Bromomethane	1.64	94	41851	44.932	ug/l	97
6) Chloroethane	1.71	64	54458	51.846	ug/l	97
7) Trichlorofluoromethane	1.92	101	147657	52.775	ug/l	96
8) Diethyl Ether	2.19	74	50933	52.835	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79591	49.822	ug/l	98
10) Methyl Iodide	2.51	142	99748	47.581	ug/l	100
11) Tert butyl alcohol	3.06	59	112473	257.620	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76329	48.630	ug/l	95
13) Acrolein	2.29	56	51130	202.701	ug/l	96
14) Allyl chloride	2.73	41	109437	48.001	ug/l	100
15) Acrylonitrile	3.14	53	239712	271.719	ug/l	99
16) Acetone	2.45	43	204580	241.627	ug/l	97
17) Carbon Disulfide	2.57	76	159328	39.573	ug/l	99
18) Methyl Acetate	2.78	43	122452	63.516	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	272593	53.949	ug/l	100
20) Methylene Chloride	2.85	84	91554	51.025	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	81034	48.658	ug/l	97
22) Diisopropyl ether	3.85	45	261397	54.363	ug/l	97
23) Vinyl Acetate	3.82	43	1065234	261.464	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145767	52.200	ug/l	100
25) 2-Butanone	4.67	43	327645	269.579	ug/l	99
26) 2,2-Dichloropropane	4.58	77	60227	26.267	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	97632	50.654	ug/l	96
28) Bromochloromethane	5.01	49	64260	48.833	ug/l	98
29) Tetrahydrofuran	5.13	42	209535	272.166	ug/l	99
30) Chloroform	5.21	83	160944	53.322	ug/l	97
31) Cyclohexane	5.58	56	120556	47.364	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	136504	52.273	ug/l	99
36) 1,1-Dichloropropene	5.80	75	107849	49.656	ug/l	99
37) Ethyl Acetate	4.84	43	121565	54.661	ug/l	100
38) Carbon Tetrachloride	5.79	117	118750	52.469	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129920	46.127	ug/l	99
40) Benzene	6.14	78	339769	51.070	ug/l	100
41) Methacrylonitrile	5.04	41	68568	54.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	125284	54.160	ug/l	98
43) Isopropyl Acetate	6.45	43	199636	54.592	ug/l	98
44) Trichloroethene	7.21	130	97441	49.480	ug/l	92
45) 1,2-Dichloropropane	7.51	63	87944	51.936	ug/l	98
46) Dibromomethane	7.66	93	65180	53.868	ug/l	99
47) Bromodichloromethane	7.90	83	119109	55.300	ug/l	100
48) Methyl methacrylate	7.77	41	98672	55.388	ug/l	97
49) 1,4-Dioxane	7.74	88	53384	1071.292	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	677581	285.835	ug/l	100
52) Toluene	8.78	92	222824	50.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114676	49.515	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	125695	48.775	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99076	55.056	ug/l	98
56) Ethyl methacrylate	9.18	69	148398	56.375	ug/l	99
57) 1,3-Dichloropropane	9.37	76	153203	53.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	330328	262.880	ug/l	100
59) 2-Hexanone	9.49	43	526736	286.484	ug/l	99
60) Dibromochloromethane	9.58	129	103869	50.144	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104583	54.761	ug/l	100
64) Tetrachloroethene	9.33	164	94471	48.503	ug/l	97
65) Chlorobenzene	10.14	112	256024	50.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	96480	53.983	ug/l	99
67) Ethyl Benzene	10.25	91	447456	51.695	ug/l	99
68) m/p-Xylenes	10.36	106	342781	103.239	ug/l	100
69) o-Xylene	10.69	106	168352	51.954	ug/l	98
70) Styrene	10.71	104	293565	54.346	ug/l	100
71) Bromoform	10.85	173	79463	48.891	ug/l	99
73) Isopropylbenzene	11.02	105	456091	49.866	ug/l	100
74) N-amyl acetate	10.90	43	181825	52.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157732	52.697	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	127651m	52.259	ug/l	
77) Bromobenzene	11.26	156	124408	49.312	ug/l	99
78) n-propylbenzene	11.36	91	516102	51.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	306200	50.437	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	391228	51.190	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35949	38.298	ug/l	95
82) 4-Chlorotoluene	11.51	91	357924	50.655	ug/l	100
83) tert-Butylbenzene	11.77	119	385325	51.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	396224	51.437	ug/l	98
85) sec-Butylbenzene	11.94	105	455931	51.832	ug/l	100
86) p-Isopropyltoluene	12.06	119	423432	52.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220857	50.444	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	220790	49.170	ug/l	99
89) n-Butylbenzene	12.38	91	360708	51.846	ug/l	100
90) Hexachloroethane	12.60	117	67192	52.385	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	218996	50.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34419	55.011	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	151551	51.535	ug/l	98
94) Hexachlorobutadiene	13.78	225	71793	49.265	ug/l	99
95) Naphthalene	13.83	128	492302	56.692	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157028	53.667	ug/l	99

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

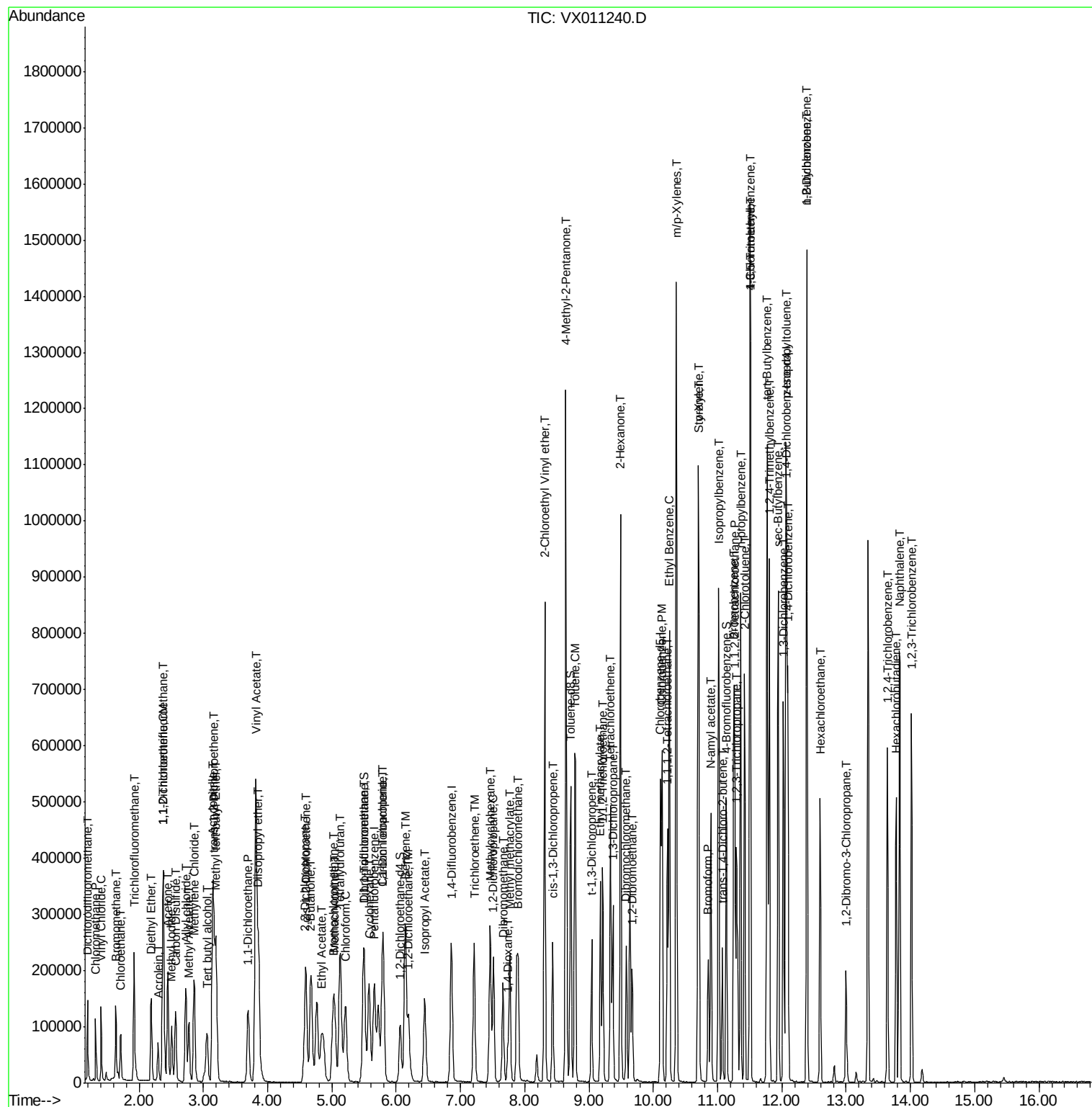
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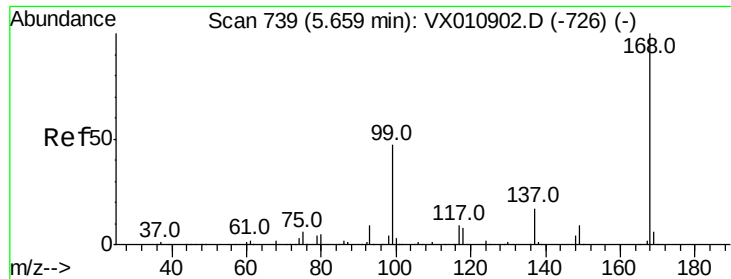
Instrument :
MSVOA_X
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VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 176213

Ion Ratio Lower Upper

168 100

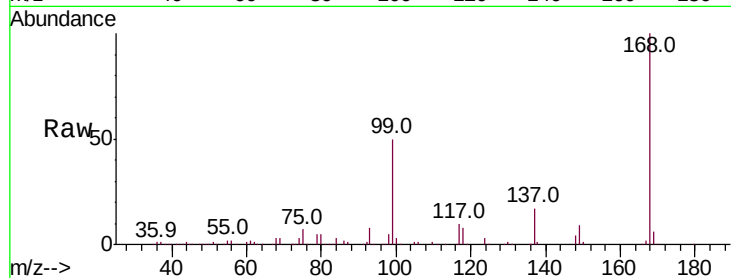
99 50.3 37.6 56.4

Manual Integrations

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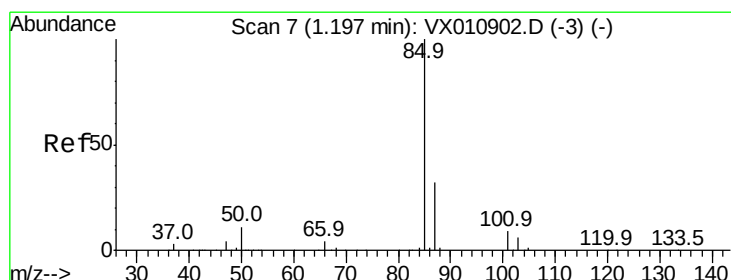
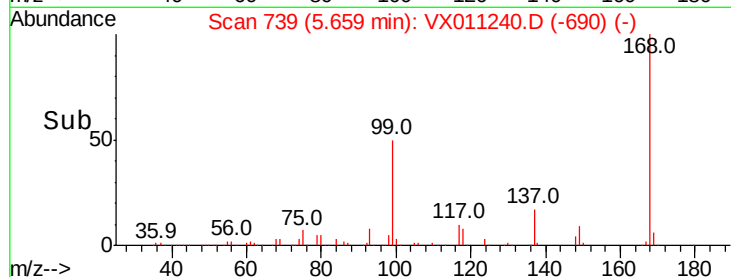
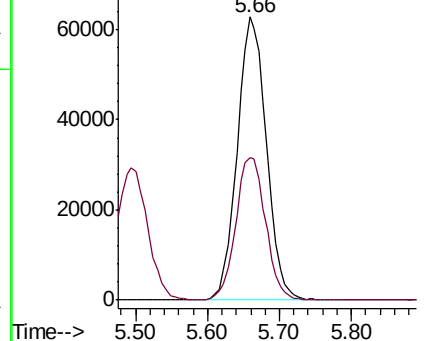
MMDadoda

7/31/2019 10:49:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.292 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011240.D

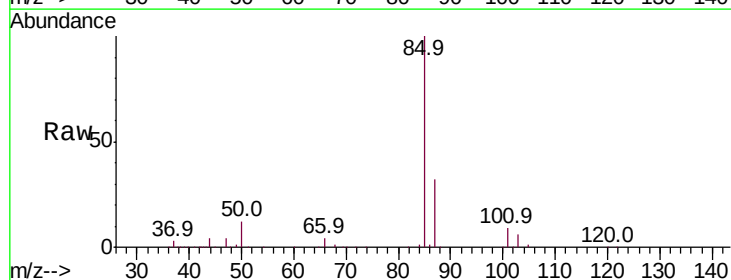
Acq: 31 Jul 2019 09:38

Tgt Ion: 85 Resp: 81206

Ion Ratio Lower Upper

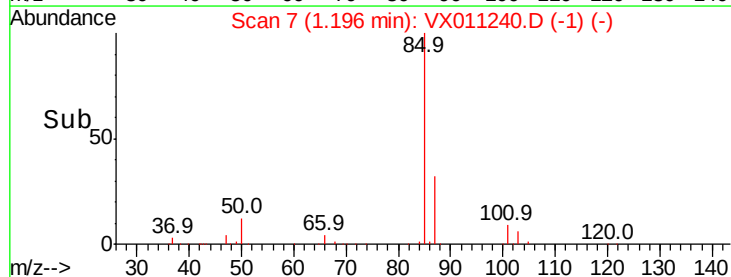
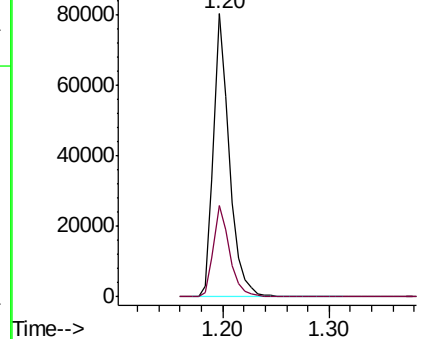
85 100

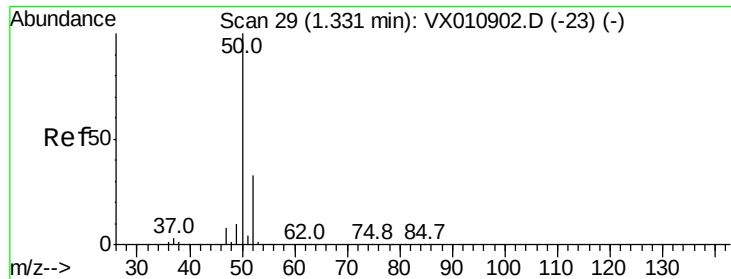
87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.446 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 76883

Ion Ratio Lower Upper

50 100

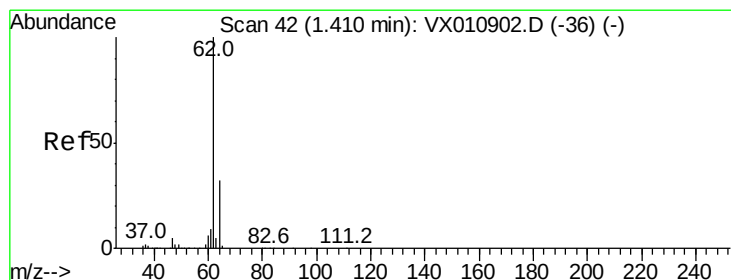
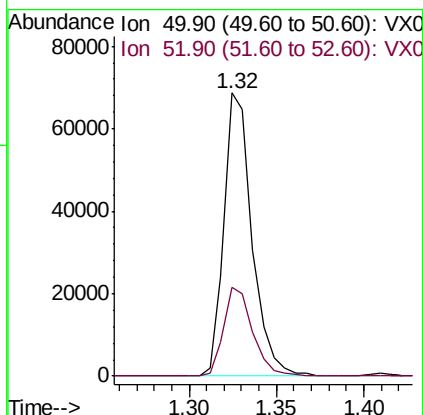
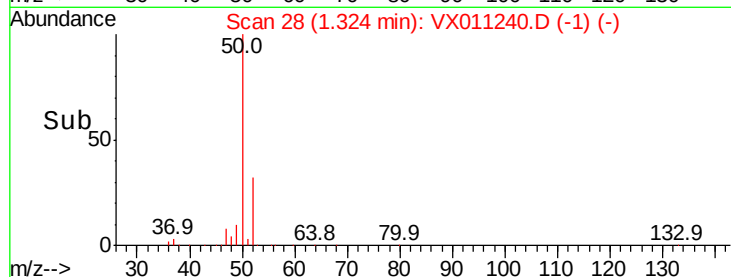
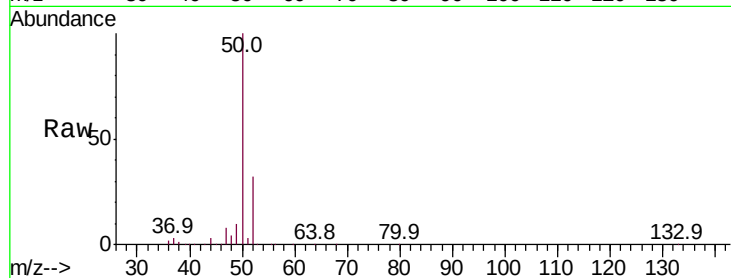
52 31.5 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.004 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011240.D

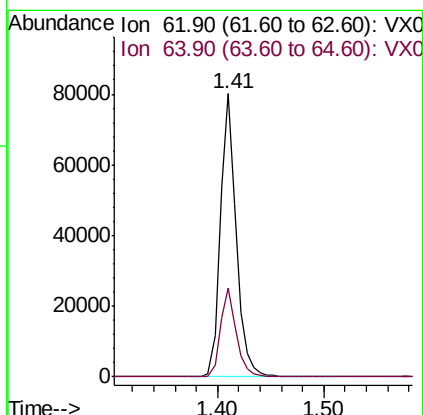
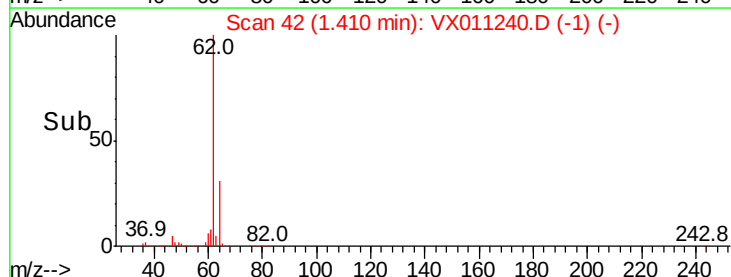
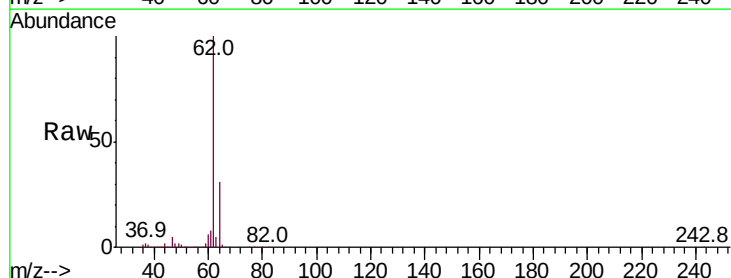
Acq: 31 Jul 2019 09:38

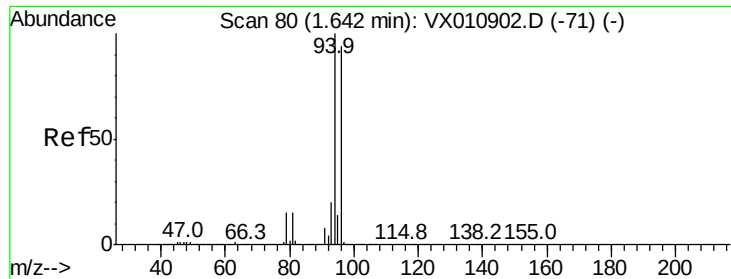
Tgt Ion: 62 Resp: 82649

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 44.932 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 41851

Ion Ratio Lower Upper

94 100

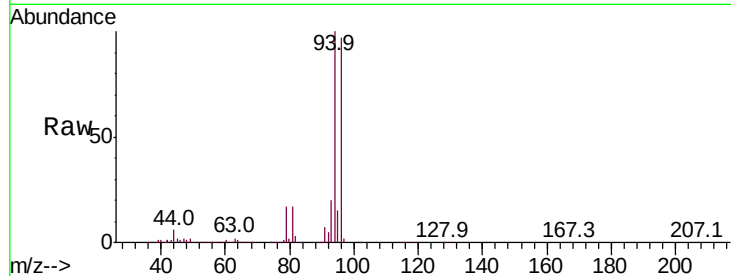
96 97.1 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

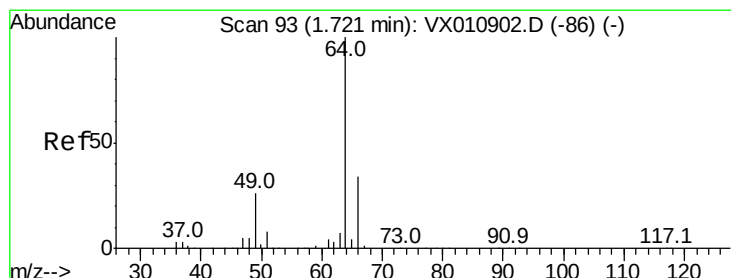
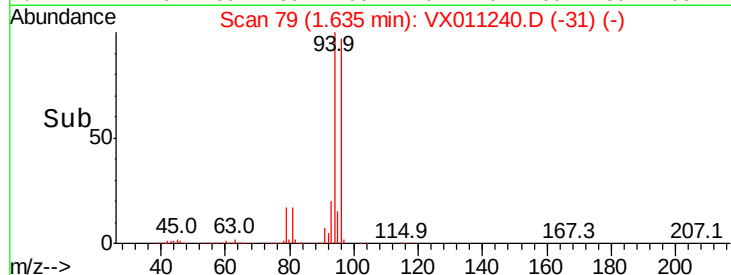
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10000

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Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 51.846 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011240.D

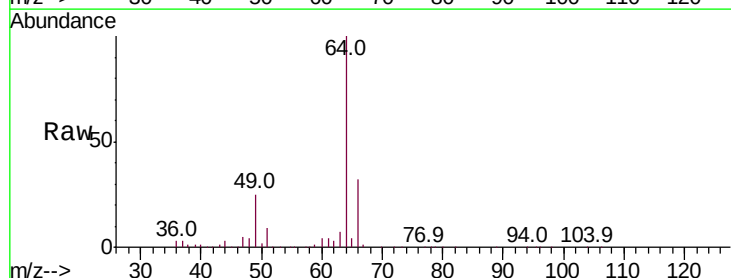
Acq: 31 Jul 2019 09:38

Tgt Ion: 64 Resp: 54458

Ion Ratio Lower Upper

64 100

66 31.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

30000

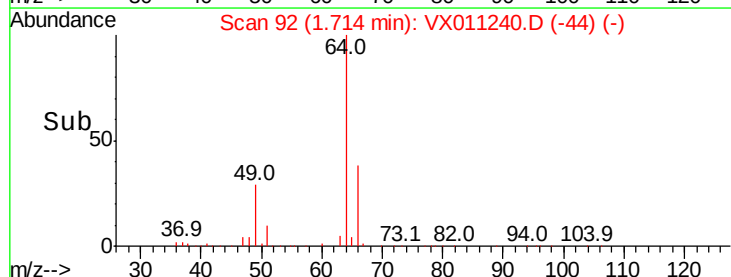
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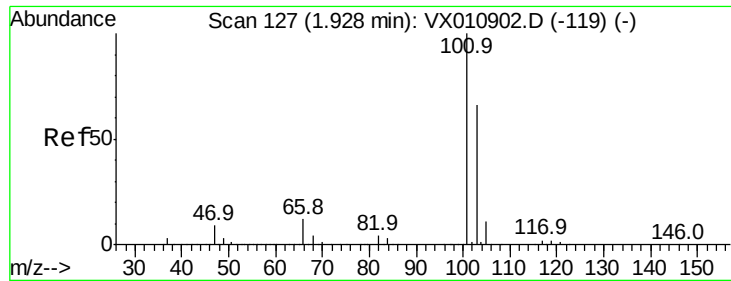
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Time-->

1.60 1.65 1.70 1.75 1.80





#7

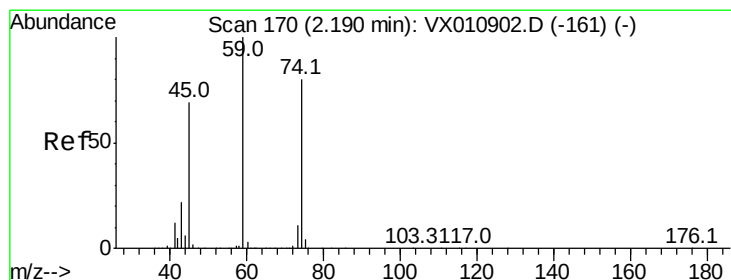
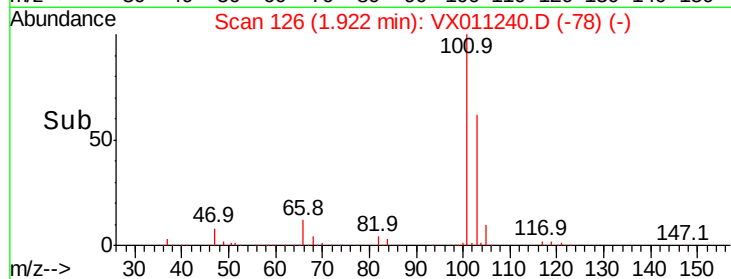
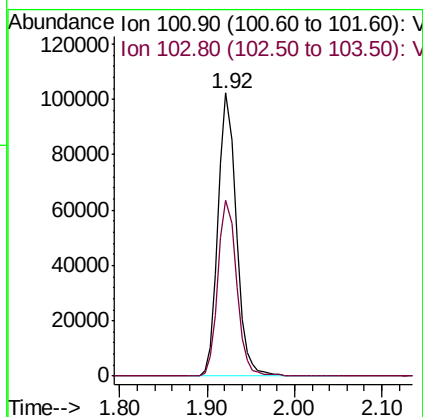
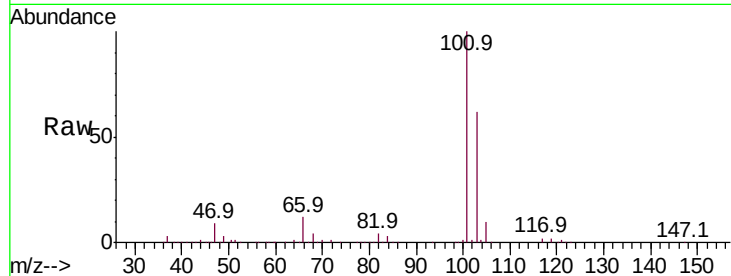
Trichlorofluoromethane
Concen: 52.775 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:101 Resp: 147657
Ion Ratio Lower Upper
101 100
103 62.2 52.6 78.8

Manual Integrations
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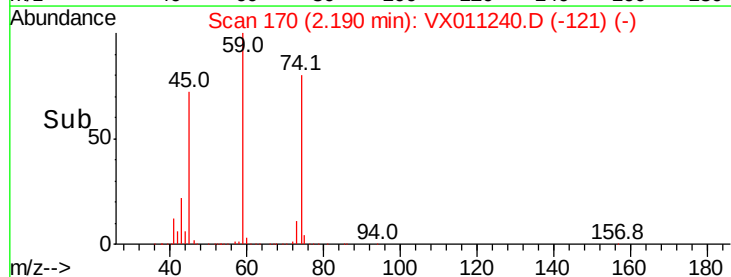
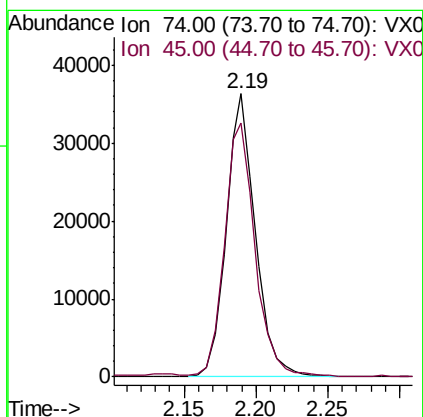
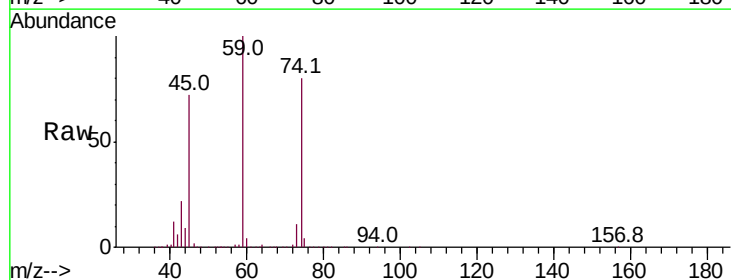
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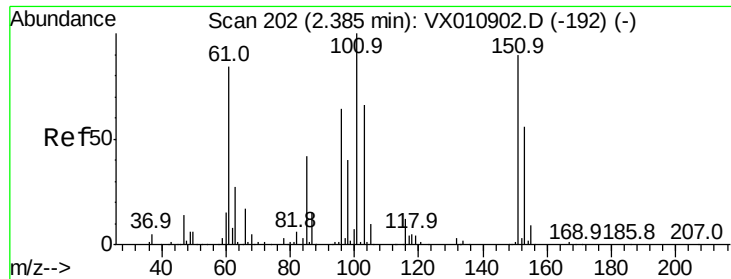


#8

Diethyl Ether
Concen: 52.835 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 74 Resp: 50933
Ion Ratio Lower Upper
74 100
45 94.2 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.822 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

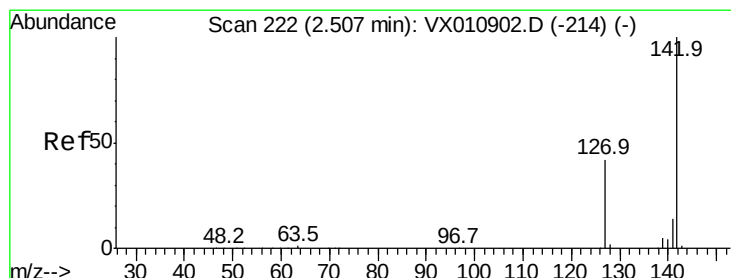
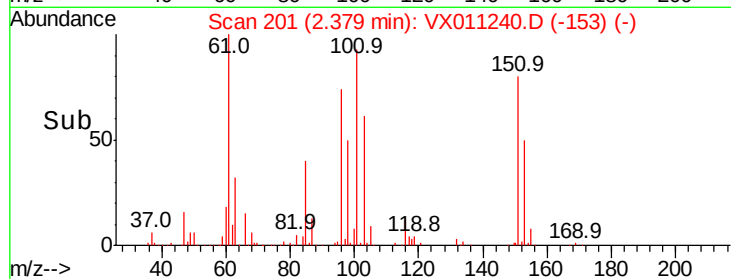
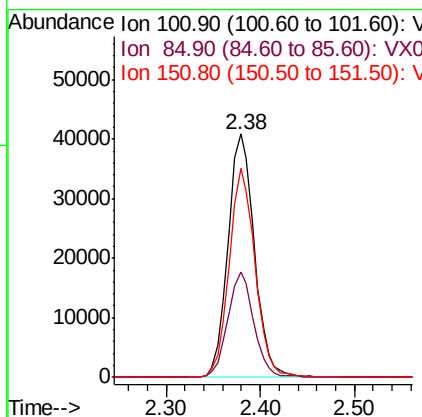
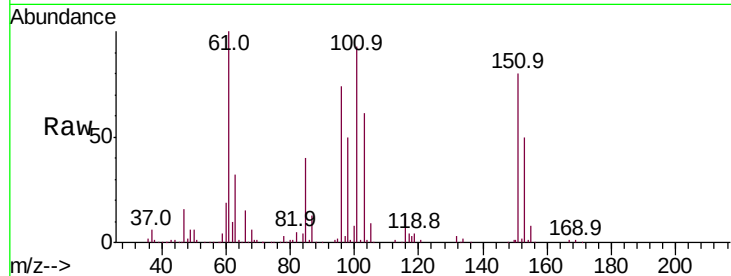
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	79591
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.6	52.0
151	84.0	69.6	104.4

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#10

Methyl Iodide

Concen: 47.581 ug/l

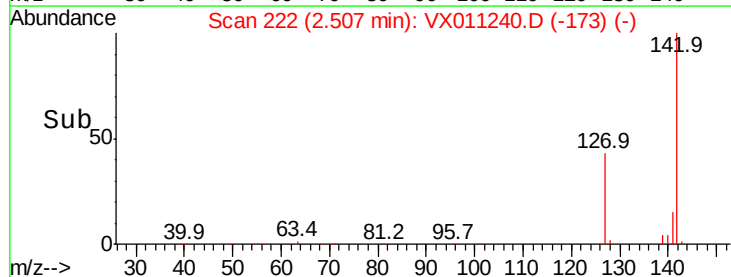
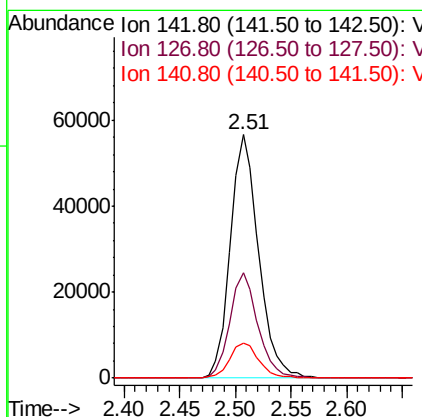
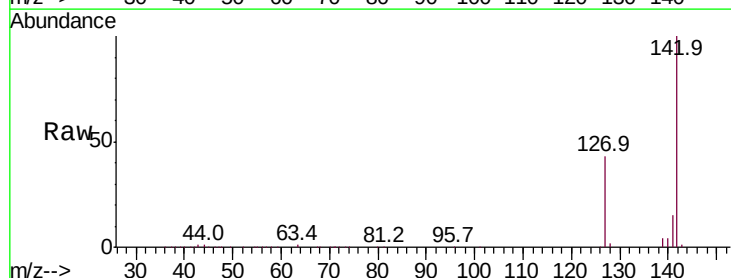
RT: 2.51 min Scan# 222

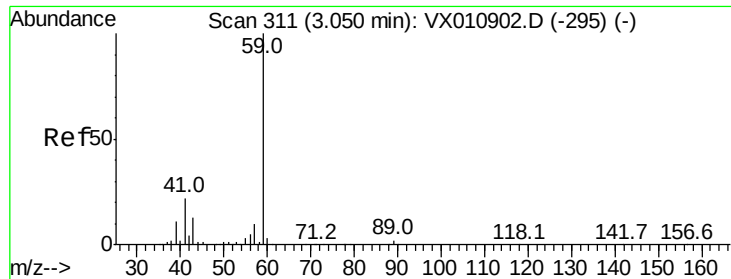
Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion:	142	Resp:	99748
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.2	51.4
141	15.0	11.7	17.5





#11

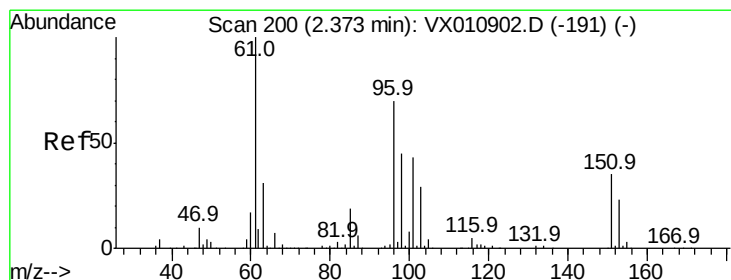
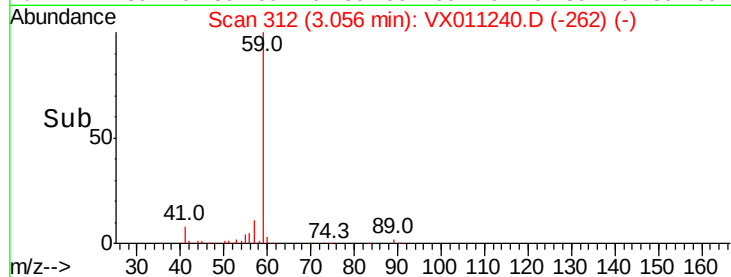
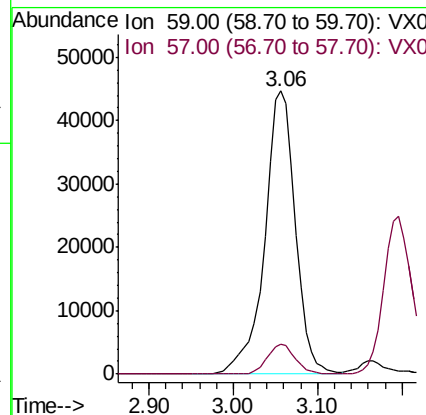
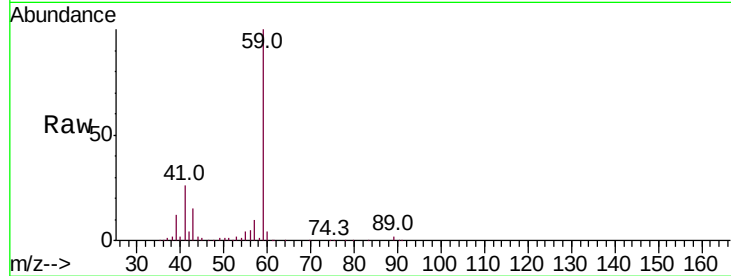
Tert butyl alcohol
Concen: 257.620 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	112473
Ion Ratio	100	Lower	Upper
57	10.0	7.9	11.9

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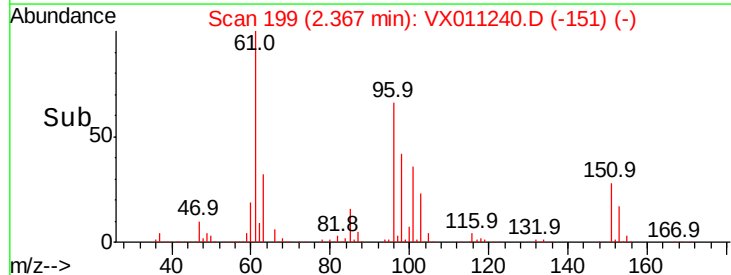
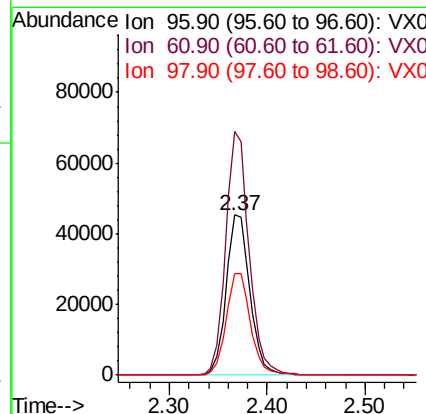
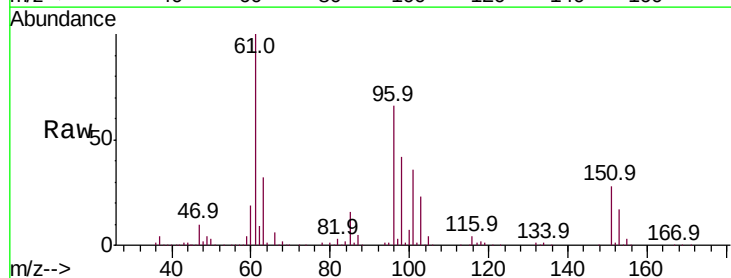
MMDadoda
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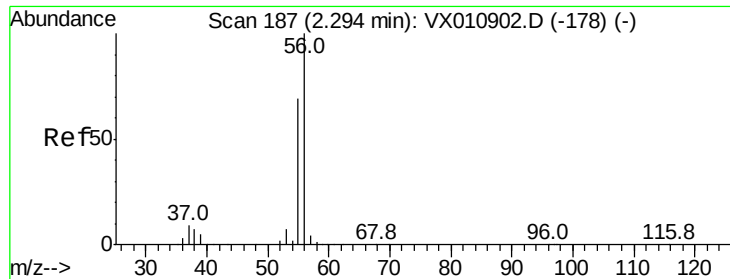


#12

1,1-Dichloroethene
Concen: 48.630 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	96	Resp	76329
Ion Ratio	100	Lower	Upper
61	152.1	115.0	172.4
98	63.5	52.2	78.2





#13

Acrolein

Concen: 202.701 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 51130

Ion Ratio Lower Upper

56 100

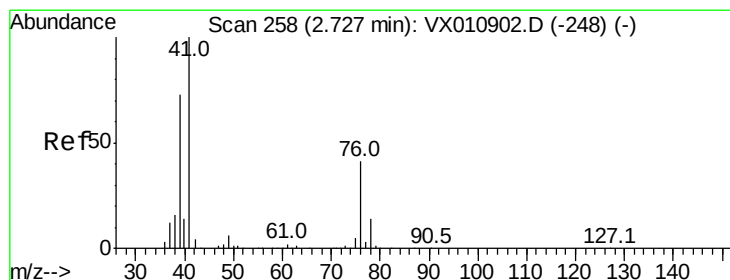
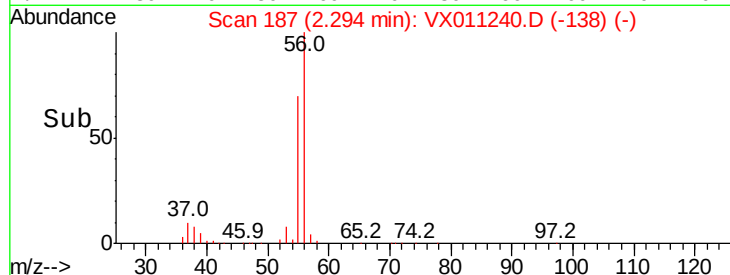
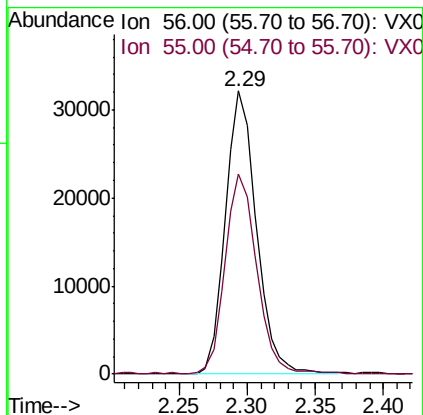
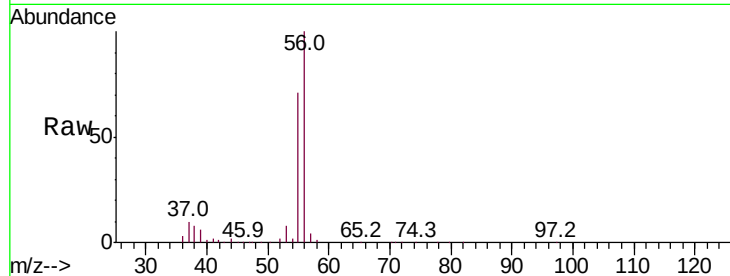
55 72.8 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 48.001 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

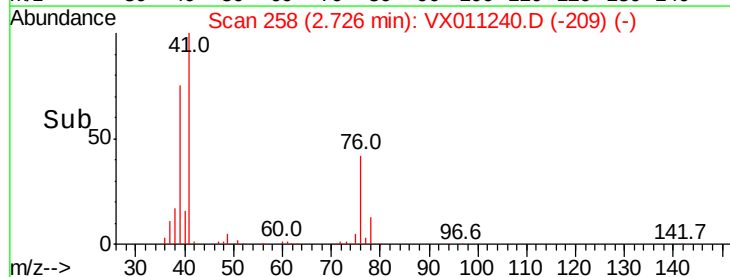
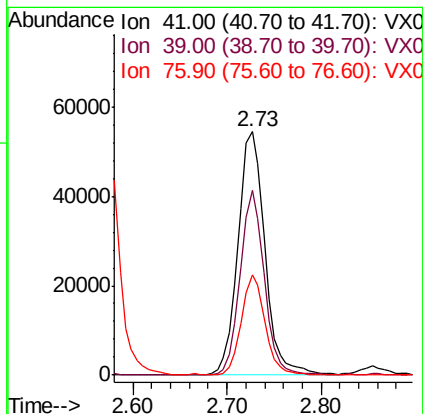
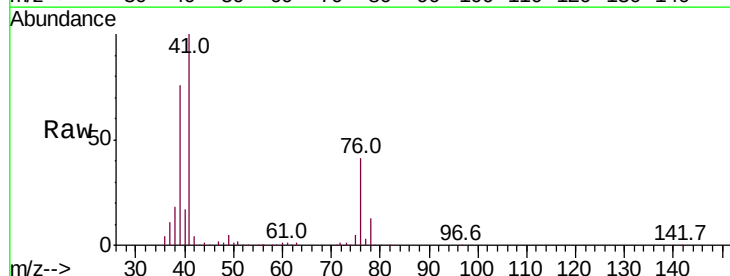
Tgt Ion: 41 Resp: 109437

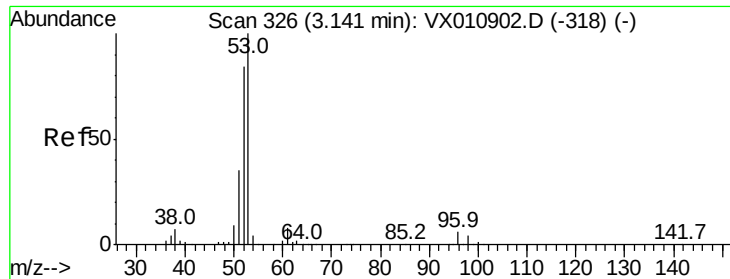
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 36.5 29.7 44.5





#15

Acrylonitrile

Concen: 271.719 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

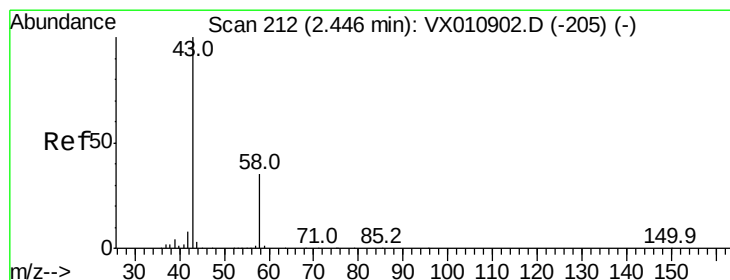
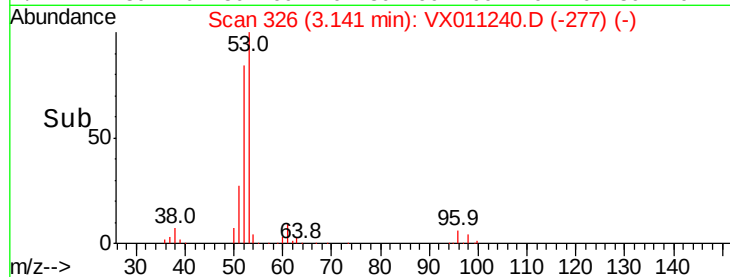
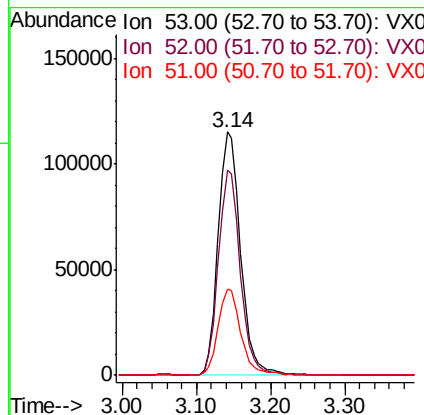
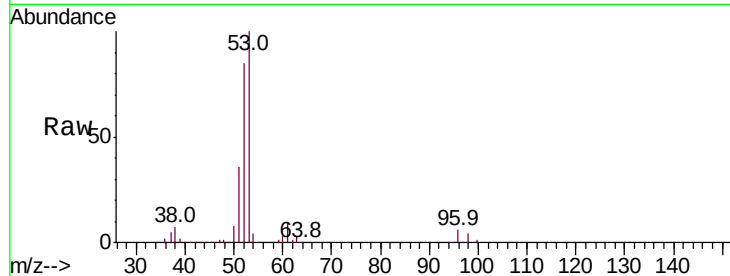
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	239712
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.5	99.7
51	36.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 241.627 ug/l

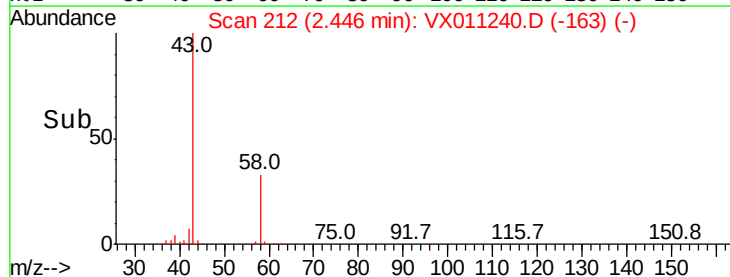
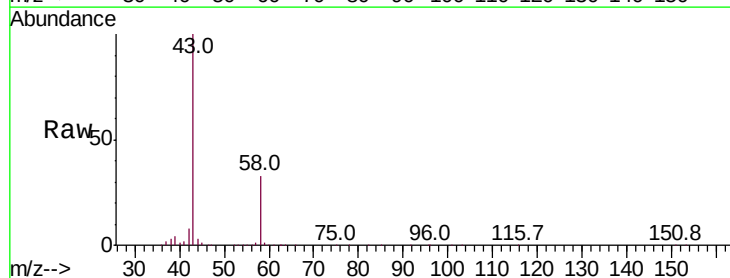
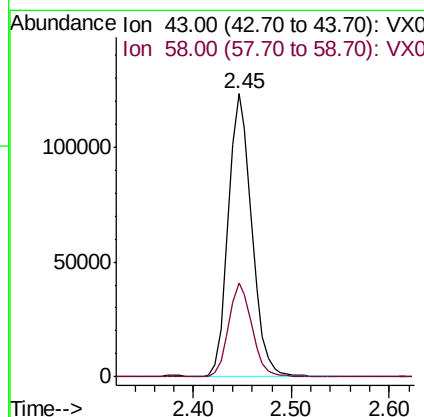
RT: 2.45 min Scan# 212

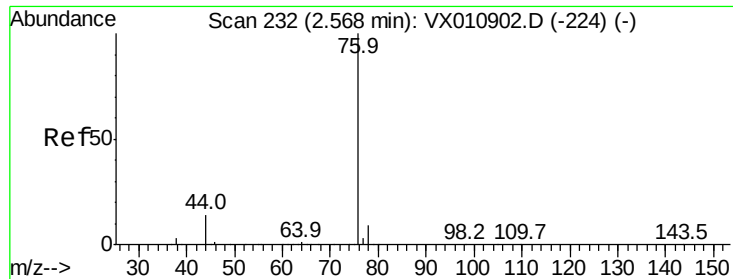
Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion	43	Resp	204580
Ion Ratio	Lower	Upper	
43	100		
58	33.1	27.7	41.5





#17

Carbon Disulfide

Concen: 39.573 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 159328

Ion Ratio Lower Upper

76 100

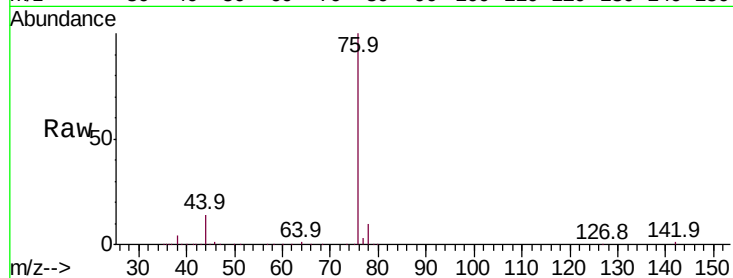
78 9.5 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

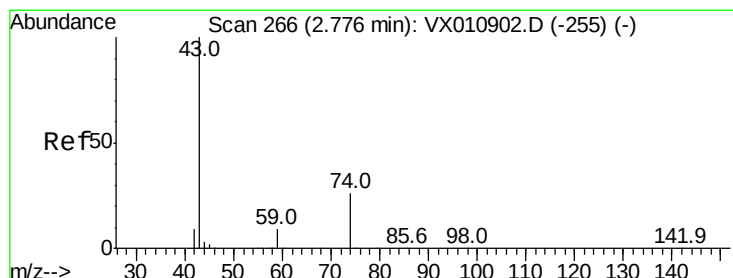
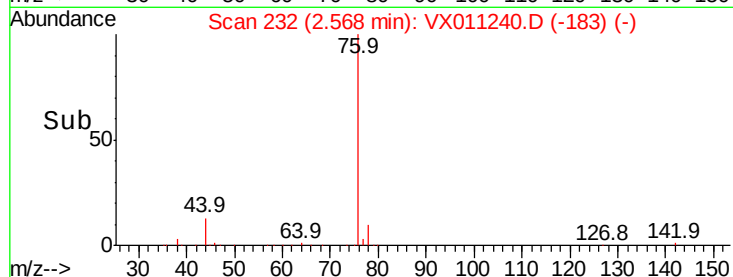
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 63.516 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011240.D

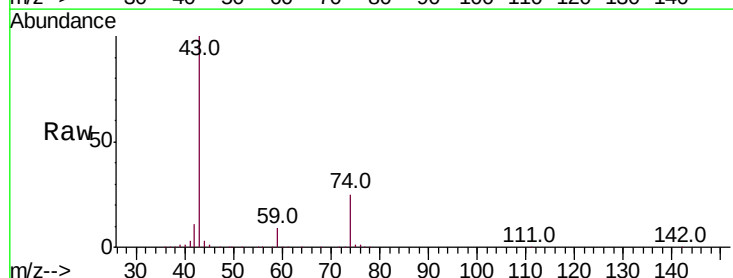
Acq: 31 Jul 2019 09:38

Tgt Ion: 43 Resp: 122452

Ion Ratio Lower Upper

43 100

74 24.3 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

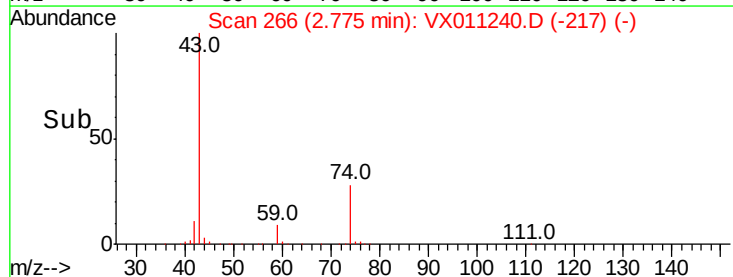
60000

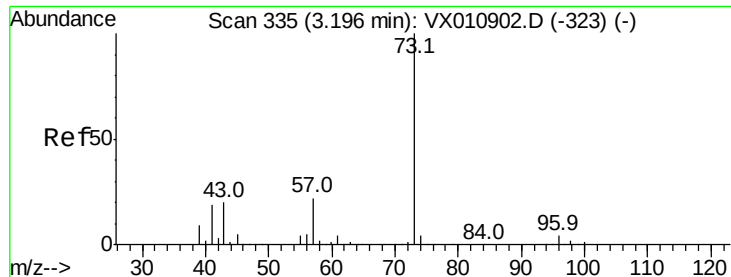
40000

20000

0

Time-->





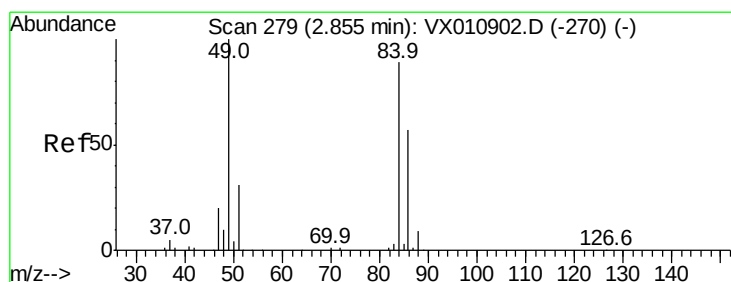
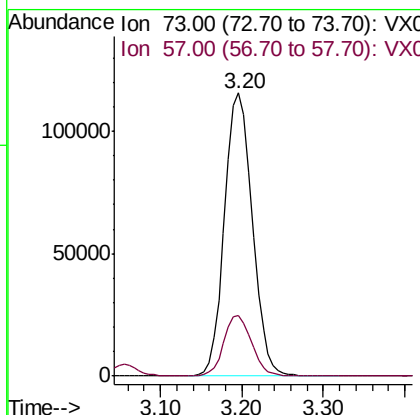
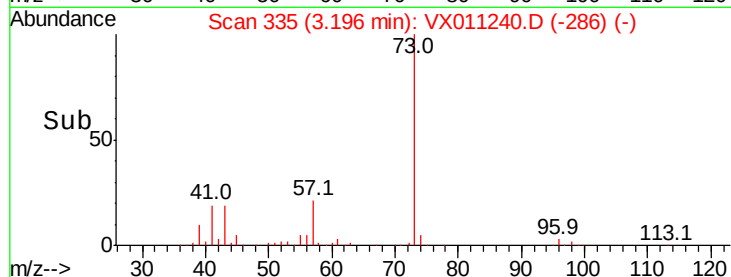
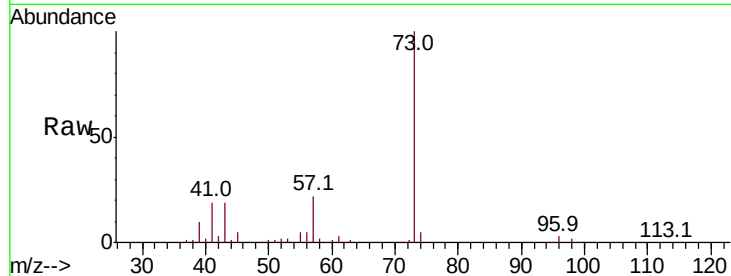
#19
Methyl tert-butyl Ether
Concen: 53.949 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 272593
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

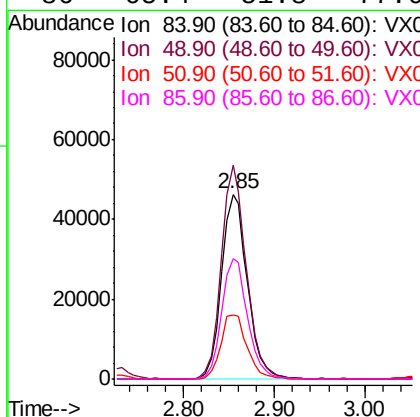
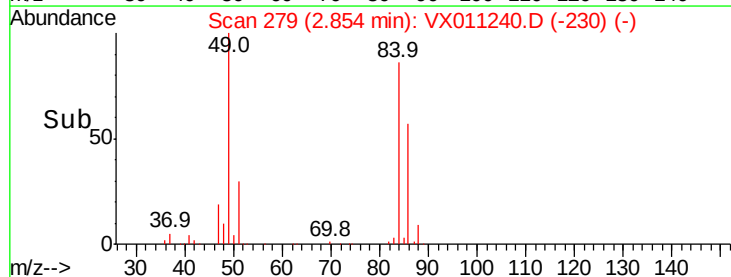
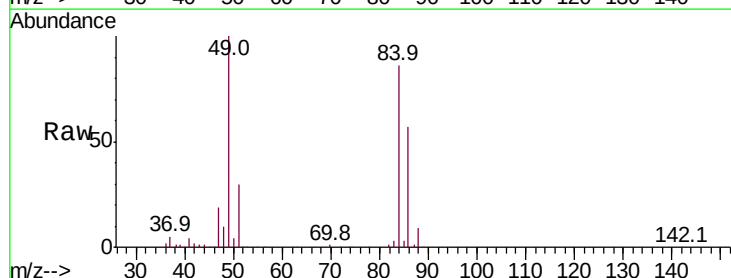
Manual Integrations
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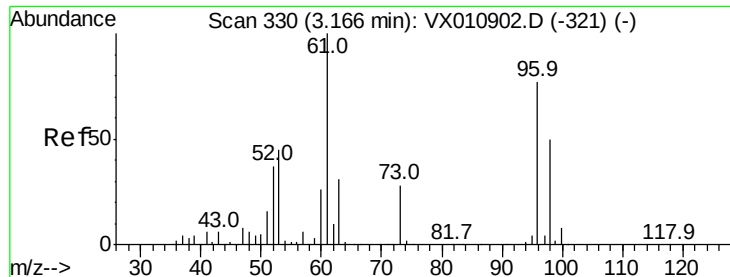
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#20
Methylene Chloride
Concen: 51.025 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 84 Resp: 91554
Ion Ratio Lower Upper
84 100
49 115.5 89.9 134.9
51 34.9 27.8 41.6
86 65.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.658 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 81034

Ion Ratio Lower Upper

96 100

61 125.3 104.2 156.2

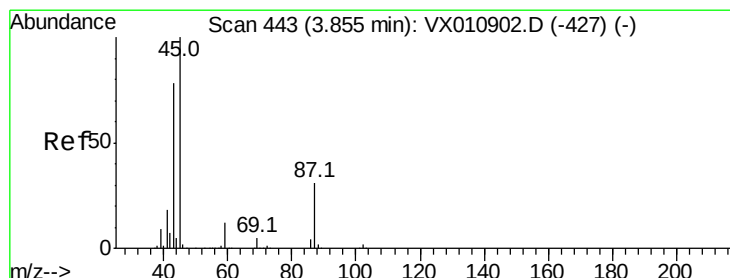
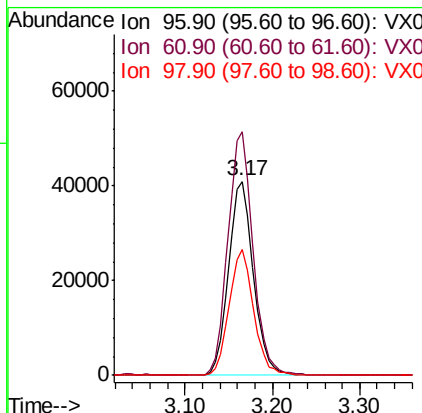
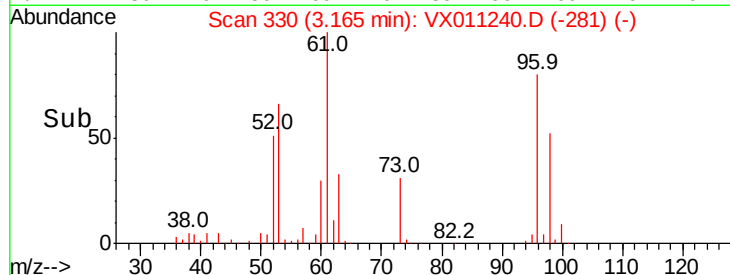
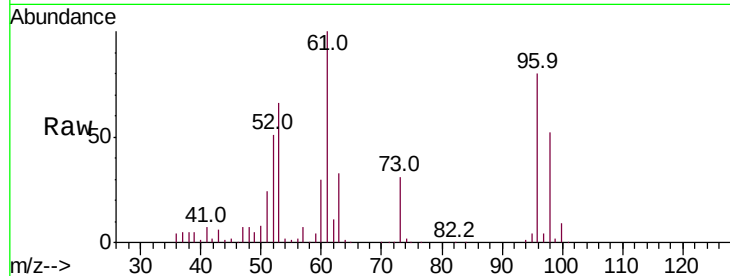
98 64.8 52.2 78.4

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#22

Diisopropyl ether

Concen: 54.363 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion: 45 Resp: 261397

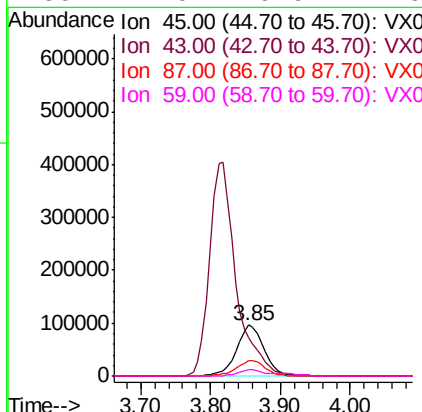
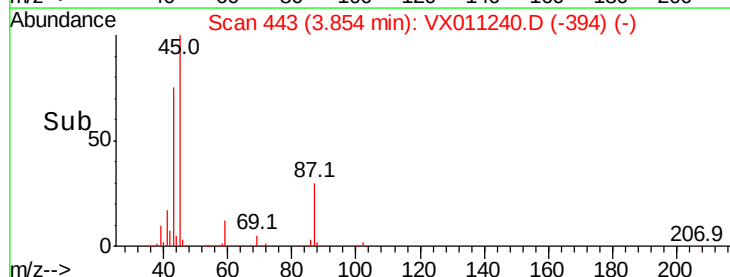
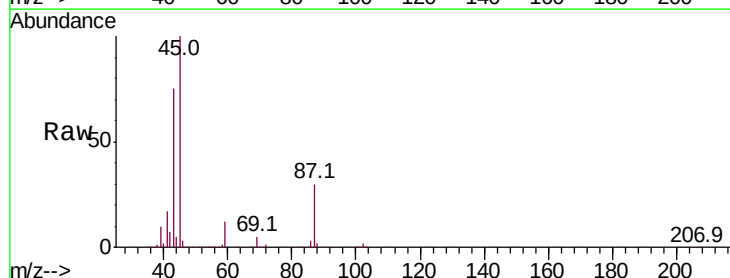
Ion Ratio Lower Upper

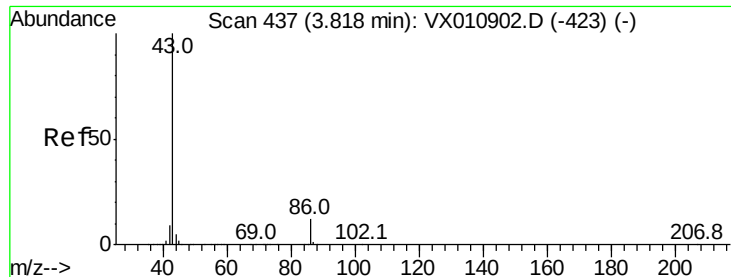
45 100

43 74.6 62.3 93.5

87 29.6 25.0 37.4

59 12.0 9.9 14.9





#23

Vinyl Acetate

Concen: 261.464 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1065234

Ion Ratio Lower Upper

43 100

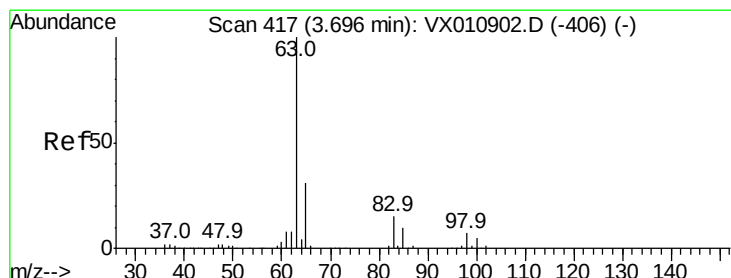
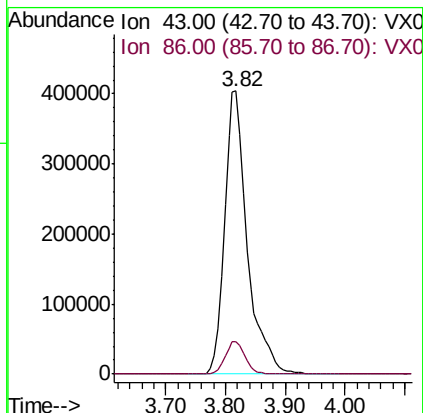
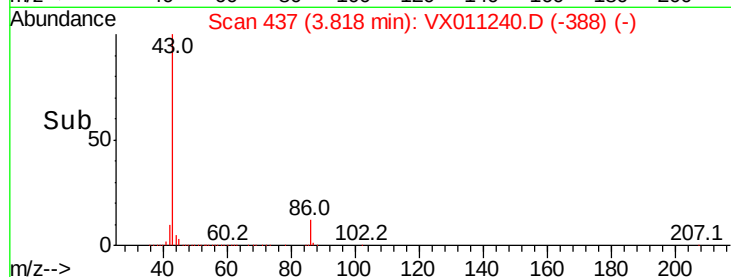
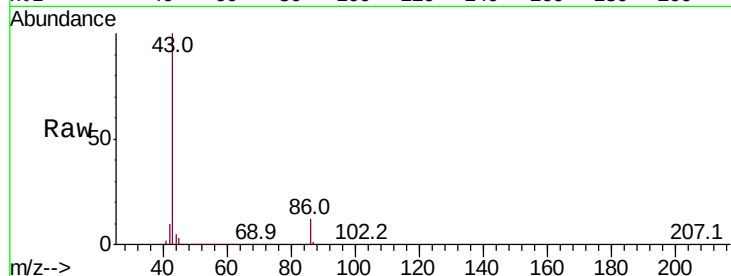
86 11.7 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.200 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

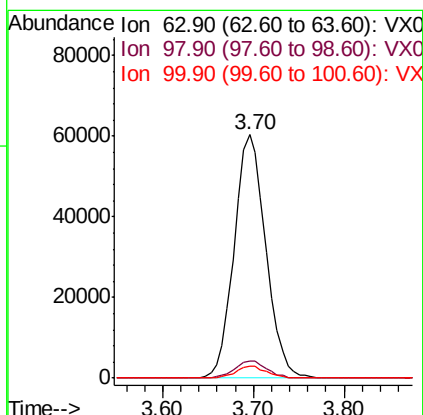
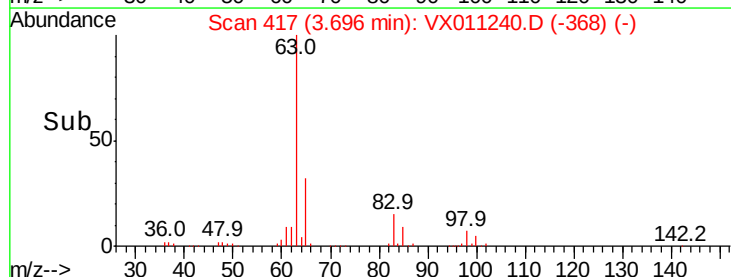
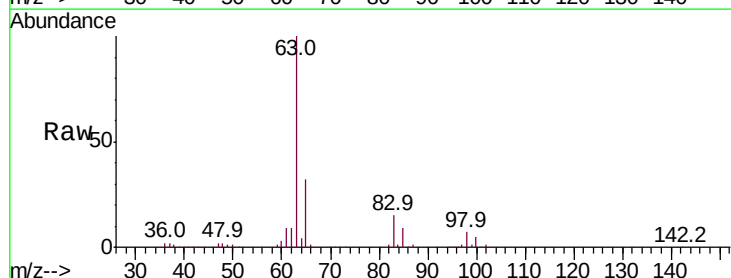
Tgt Ion: 63 Resp: 145767

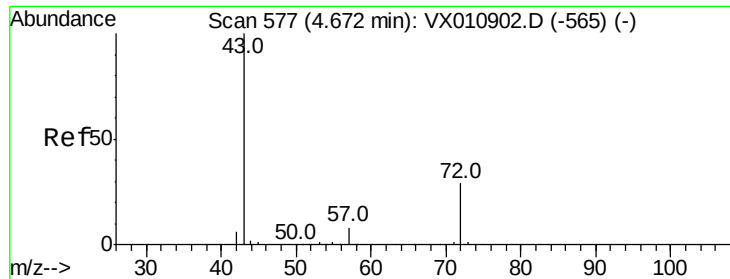
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 269.579 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 327645

Ion Ratio Lower Upper

43 100

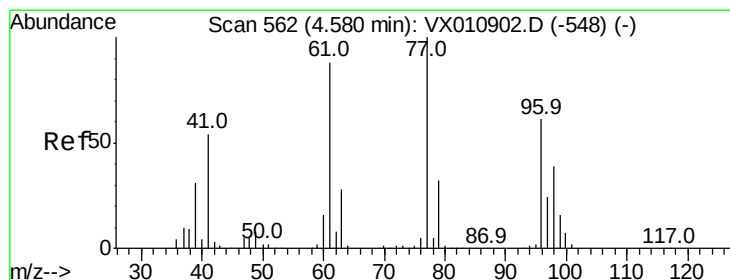
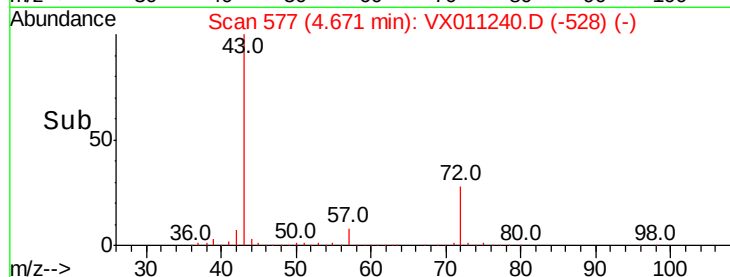
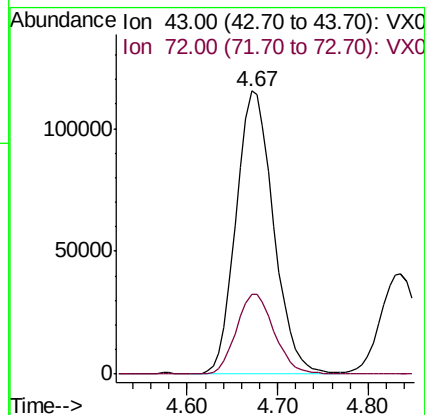
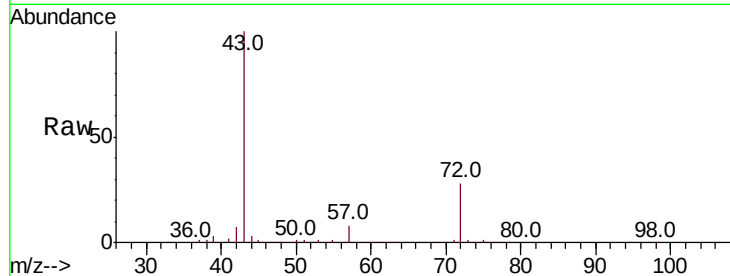
72 28.2 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 26.267 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011240.D

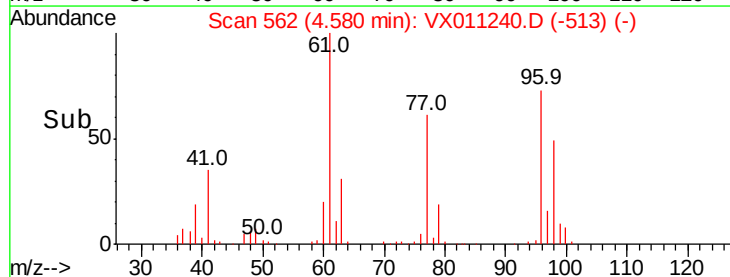
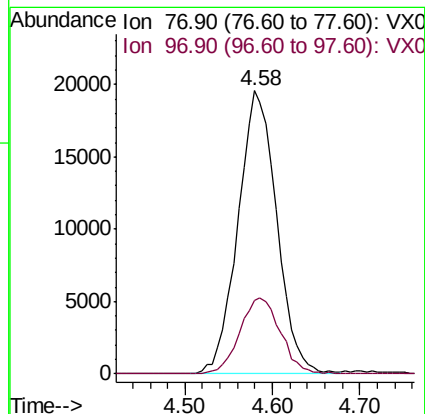
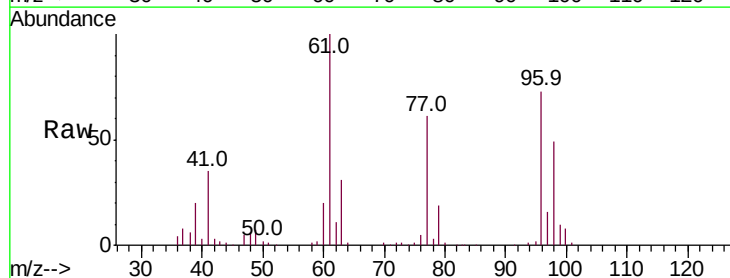
Acq: 31 Jul 2019 09:38

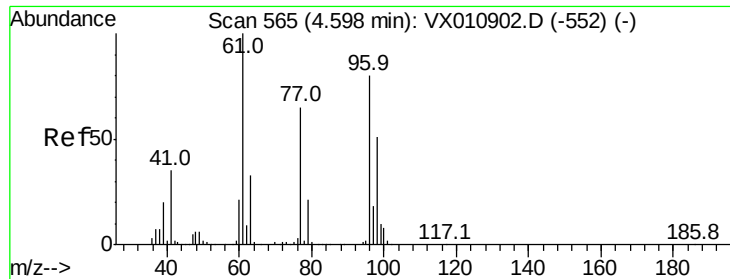
Tgt Ion: 77 Resp: 60227

Ion Ratio Lower Upper

77 100

97 28.2 12.6 37.6





#27

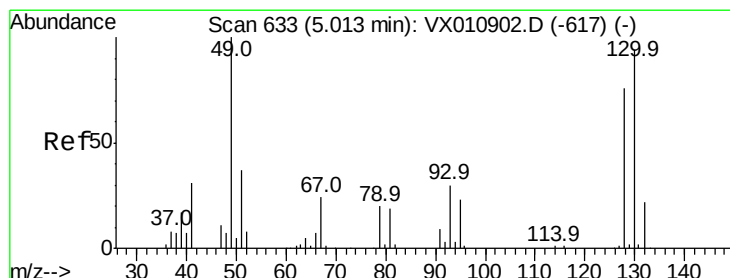
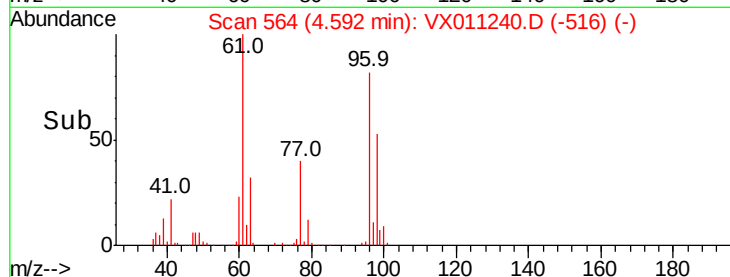
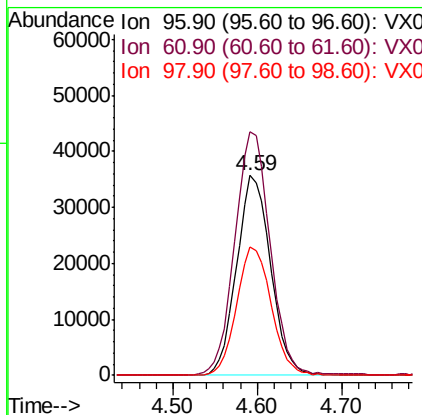
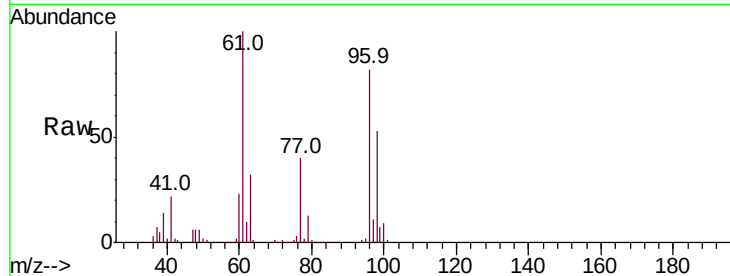
cis-1,2-Dichloroethene
Concen: 50.654 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	269.0
98	65.2	0.0	131.4

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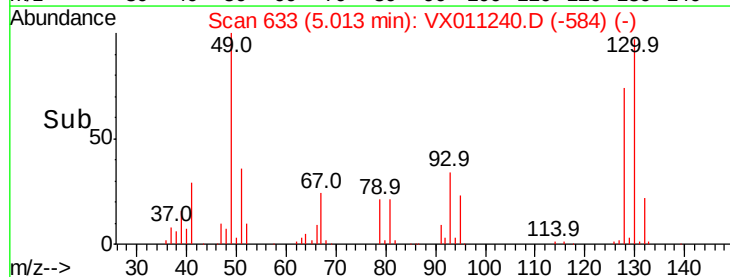
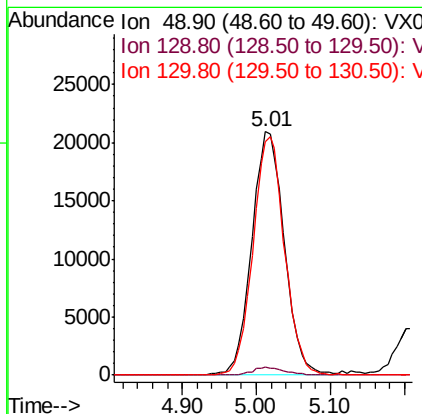
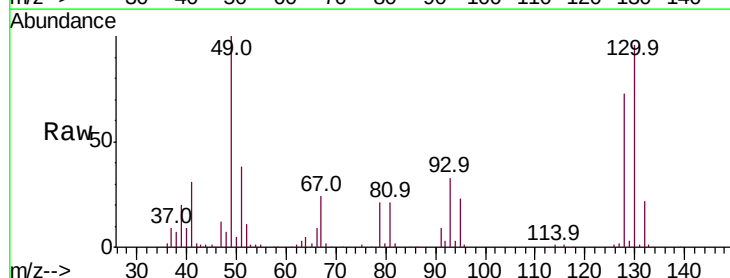
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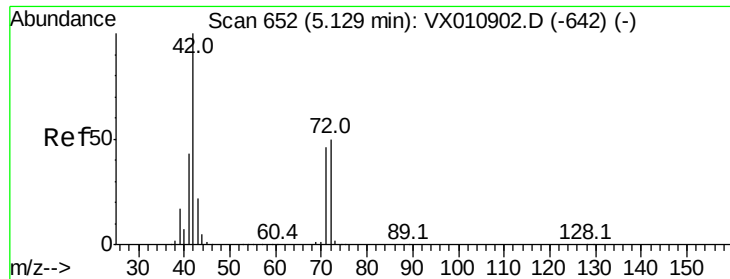


#28

Bromochloromethane
Concen: 48.833 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	94.5	76.9	115.3





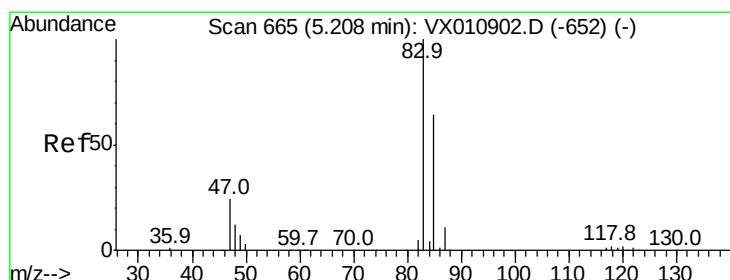
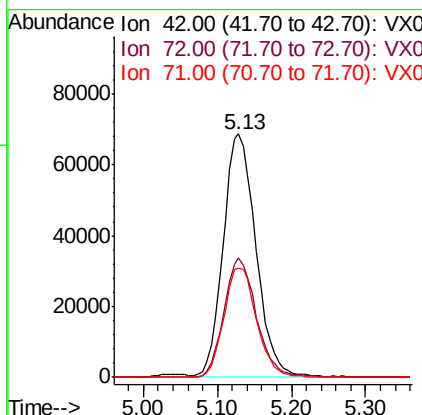
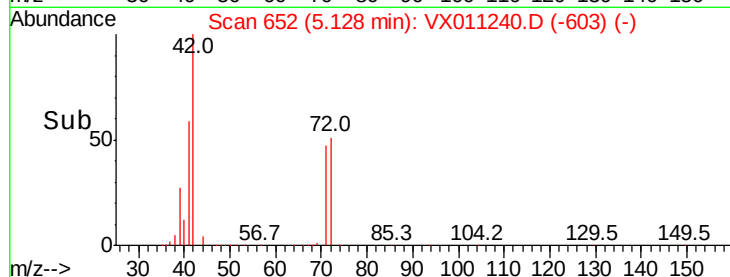
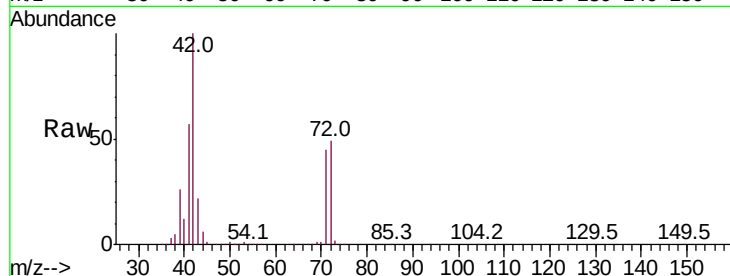
#29
Tetrahydrofuran
Concen: 272.166 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	39.8	59.8
71	45.3	37.0	55.4

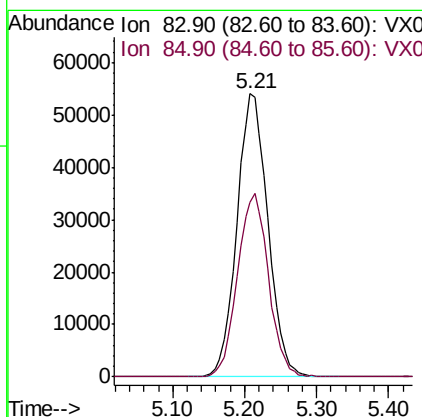
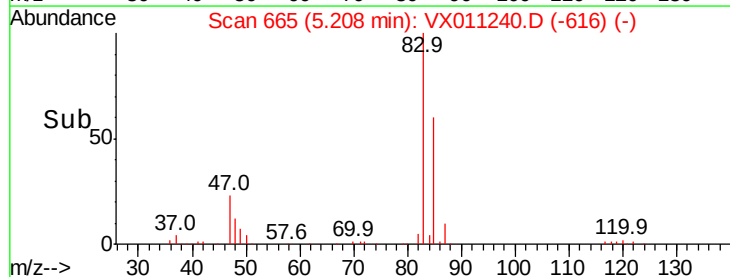
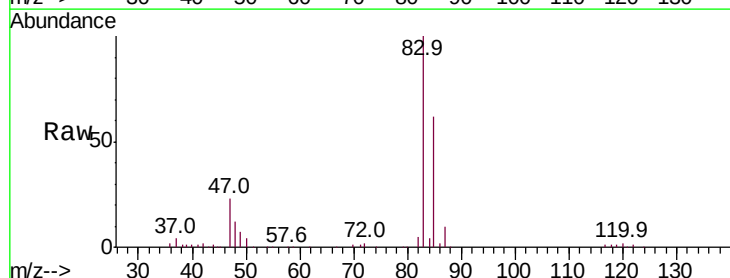
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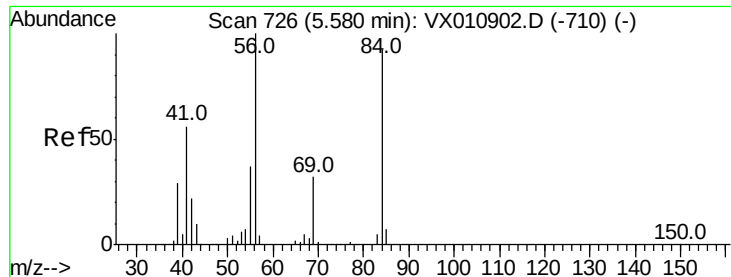
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#30
Chloroform
Concen: 53.322 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.4	77.0





#31

Cyclohexane

Concen: 47.364 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

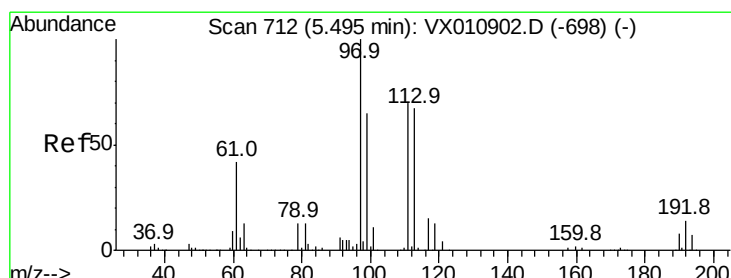
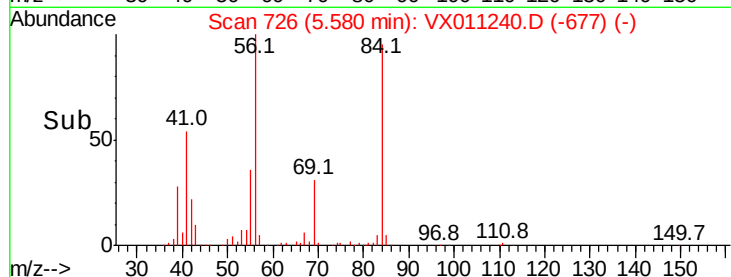
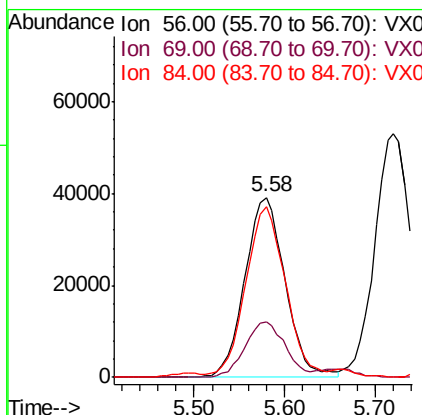
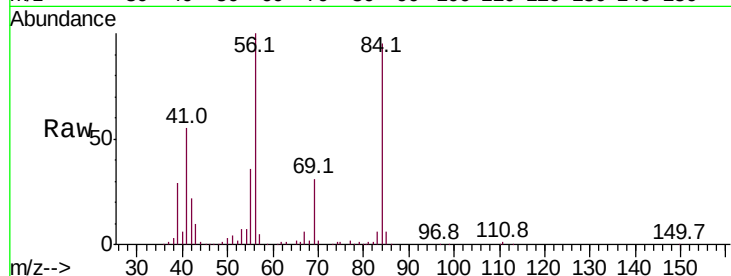
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	120556
Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.8	38.8
84	92.5	73.8	110.6

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#32

1,1,1-Trichloroethane

Concen: 52.273 ug/l

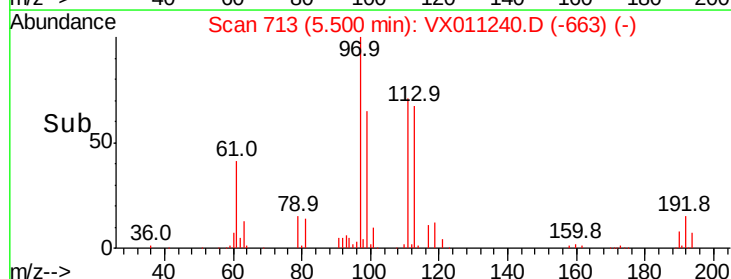
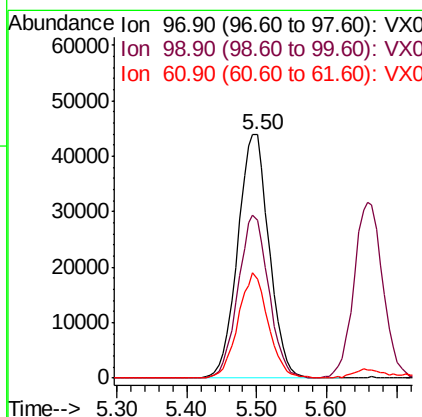
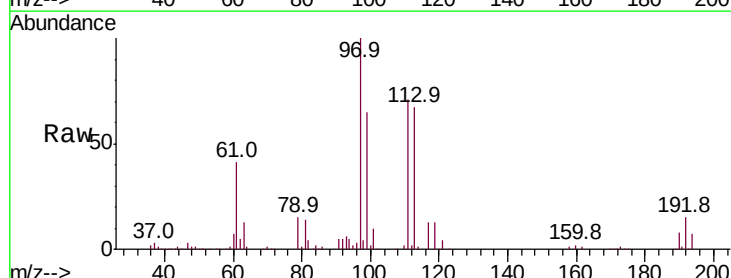
RT: 5.50 min Scan# 713

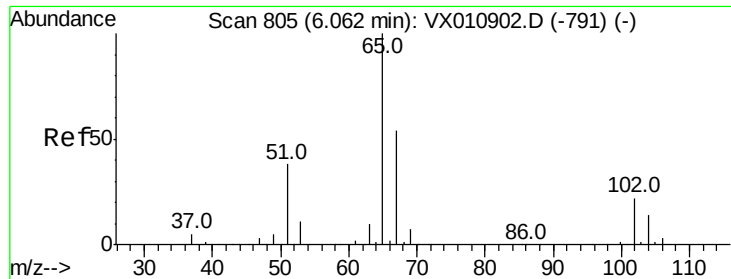
Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion:	97	Resp:	136504
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.4	77.0
61	41.4	33.0	49.6





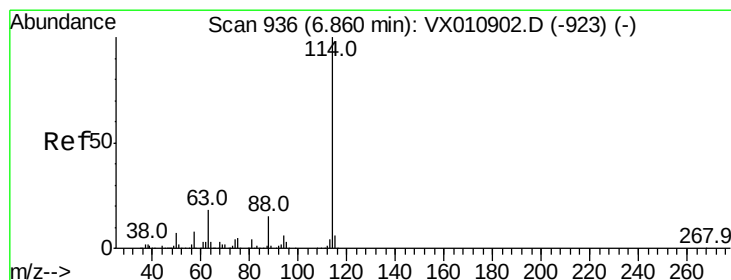
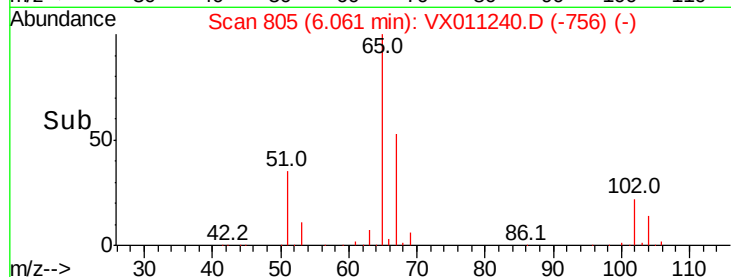
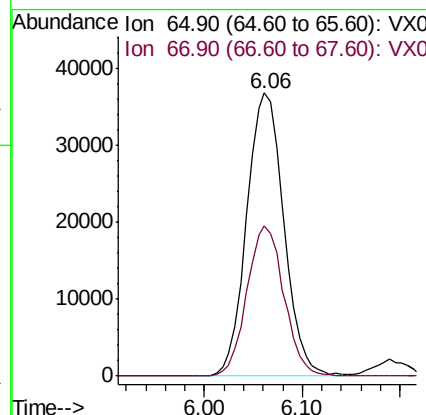
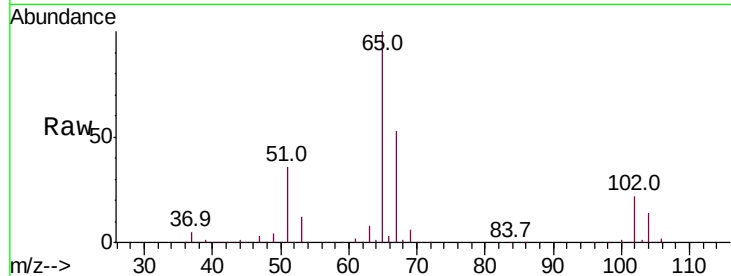
#33
 1,2-Dichloroethane-d4
 Concen: 52.123 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.8

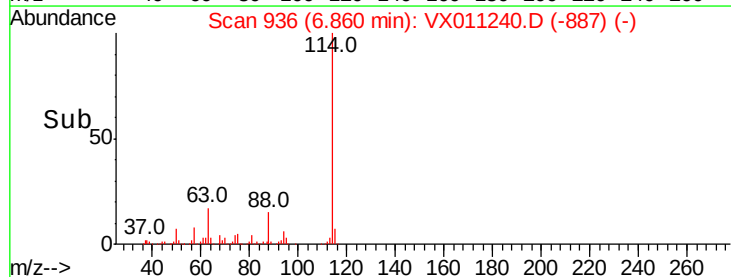
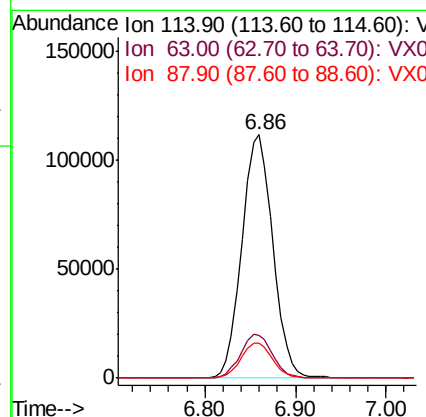
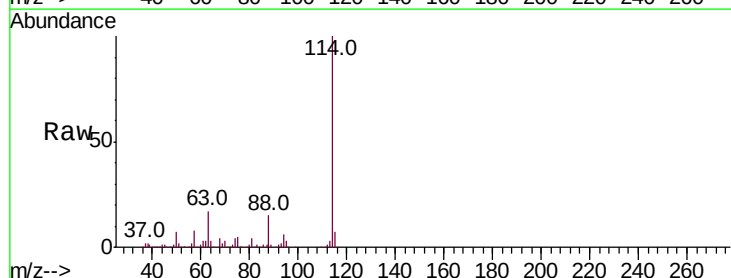
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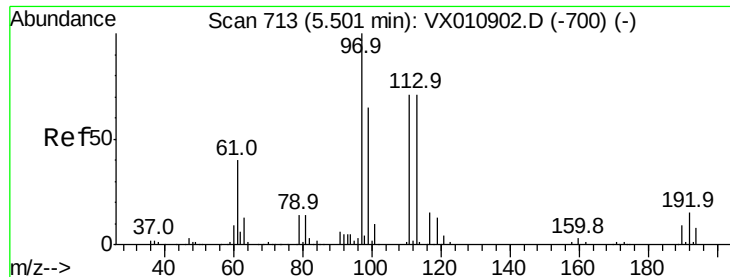
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.6
88	14.6	0.0	29.8





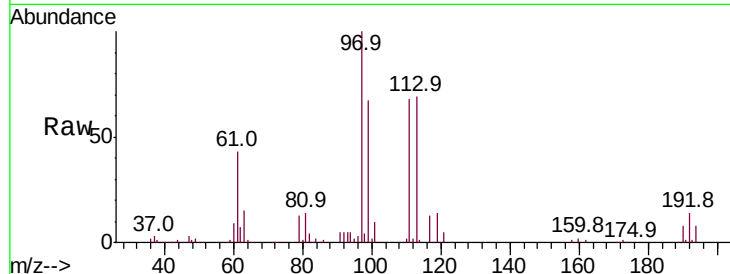
#35
 Dibromofluoromethane
 Concen: 51.983 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	21.4	17.4	26.2

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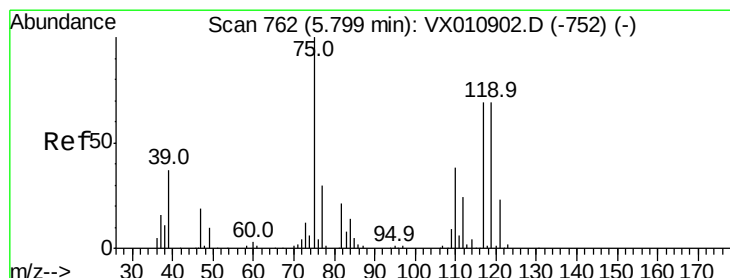
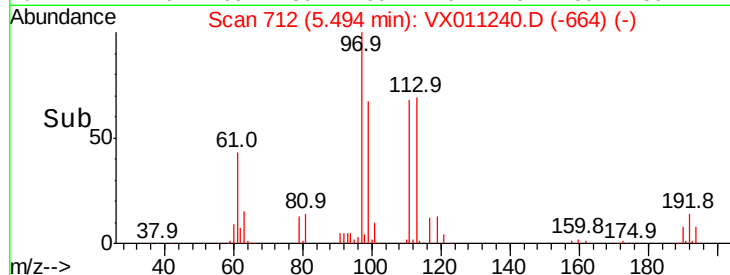
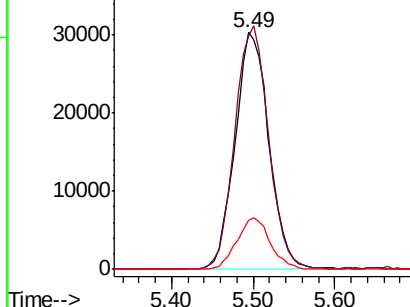


Abundance

Ion 112.80 (112.50 to 113.50): V

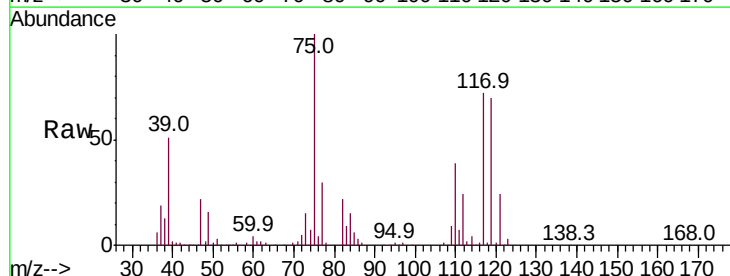
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 49.656 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.9	59.7
77	32.1	25.0	37.4

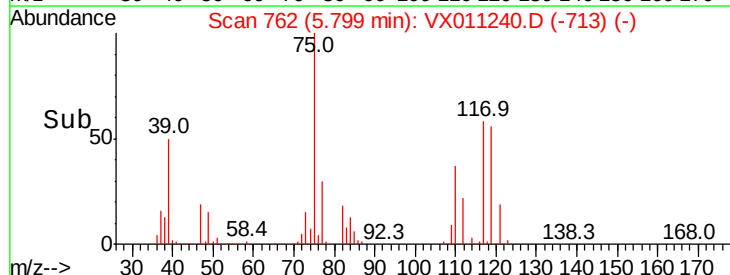
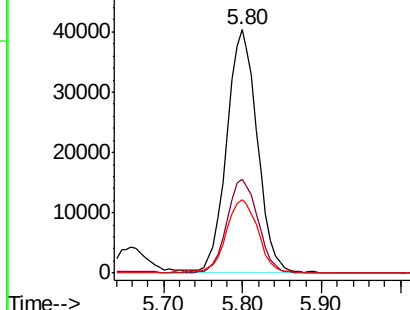


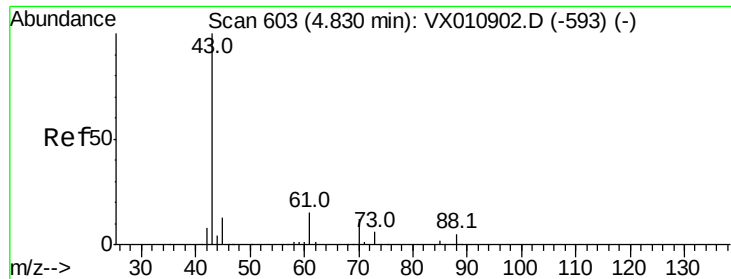
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.661 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

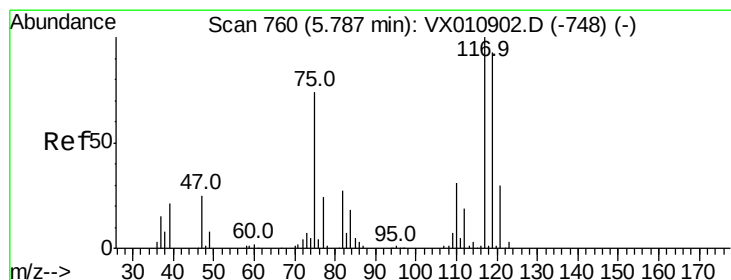
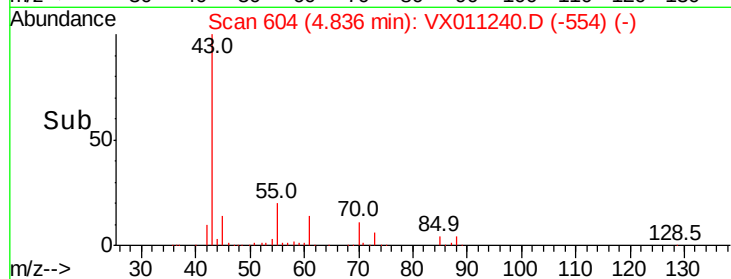
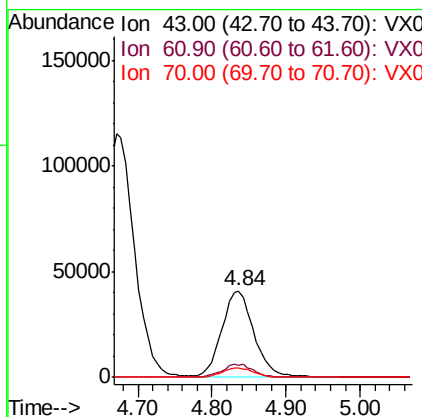
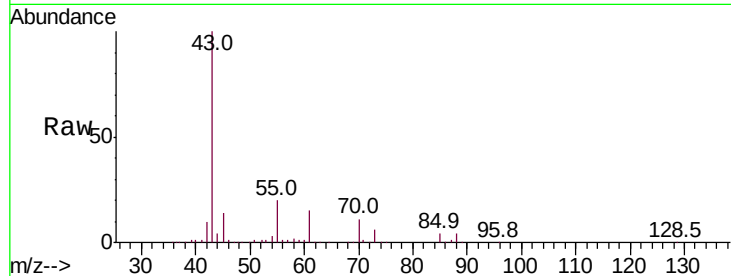
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	121565
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.6	17.4
70	11.1	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 52.469 ug/l

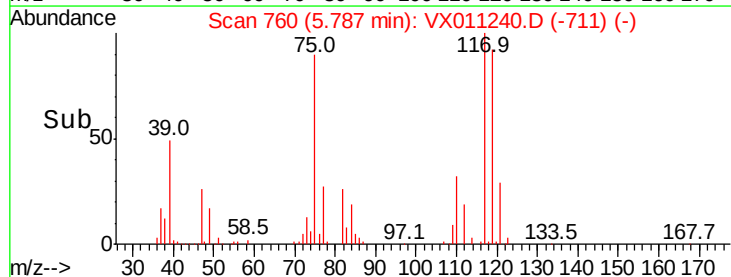
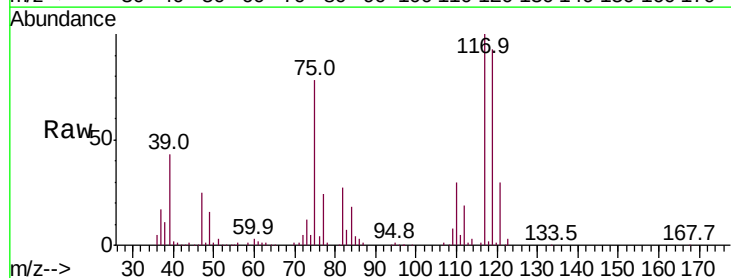
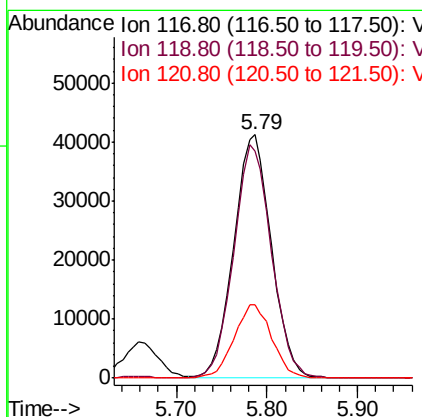
RT: 5.79 min Scan# 760

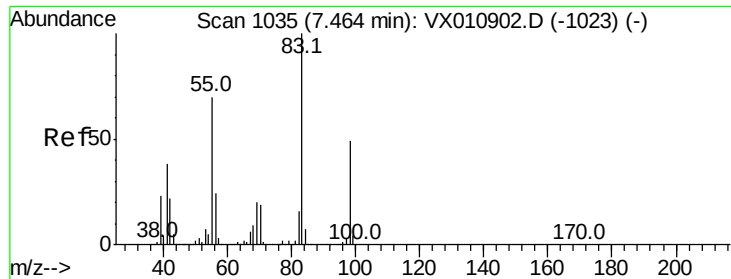
Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion:	117	Resp:	118750
Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.2	111.2
121	30.2	24.2	36.2





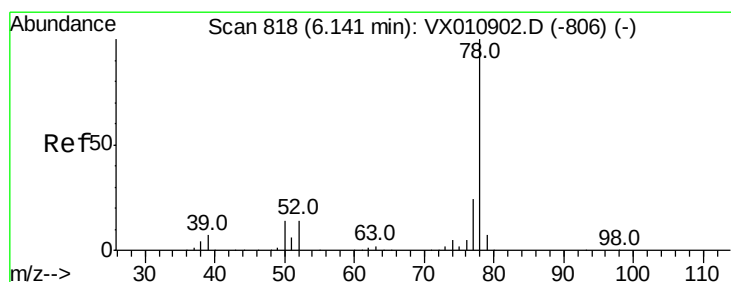
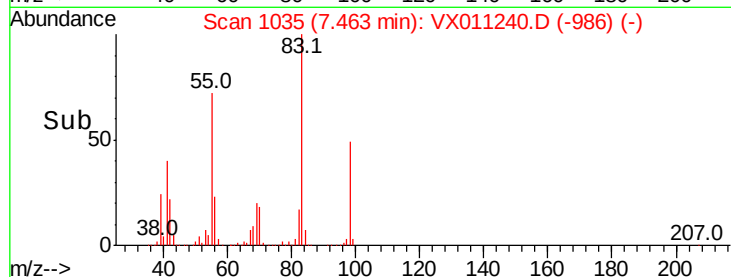
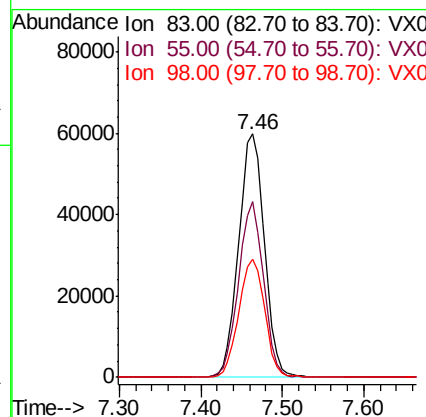
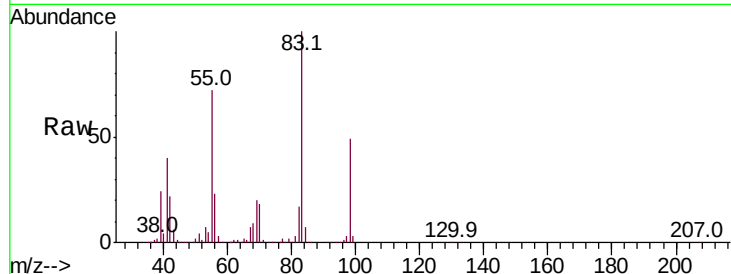
#39
Methylvlcyclohexane
Concen: 46.127 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.2	56.2	84.4	
98	48.5	39.0	58.4	

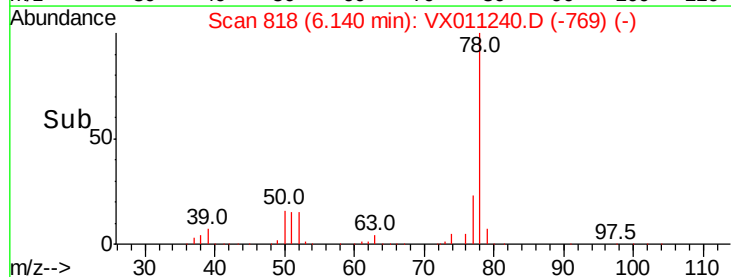
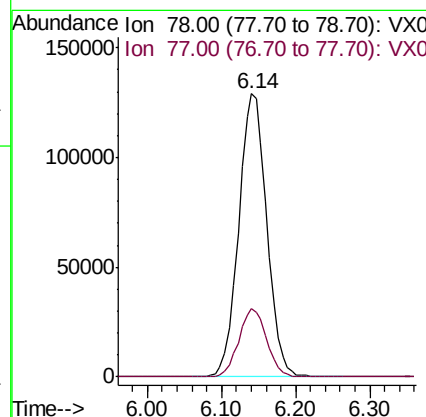
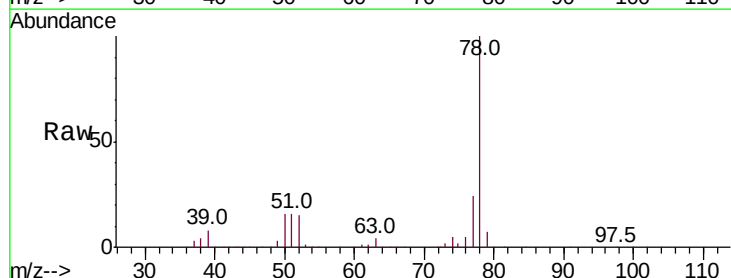
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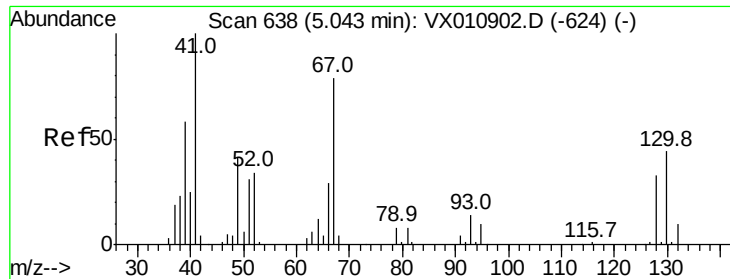
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#40
Benzene
Concen: 51.070 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.0	28.6	





#41

Methacrylonitrile

Concen: 54.311 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

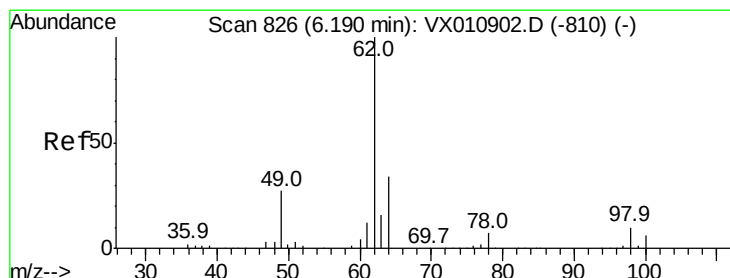
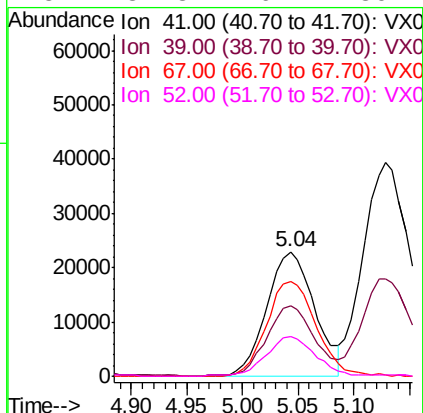
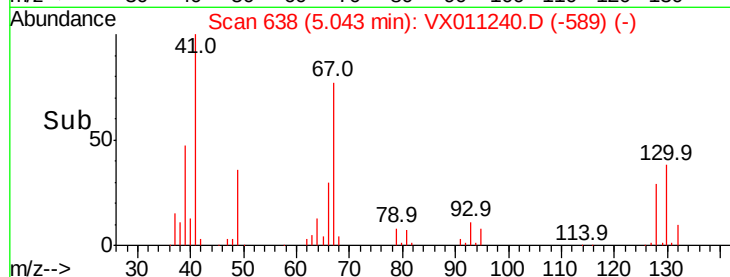
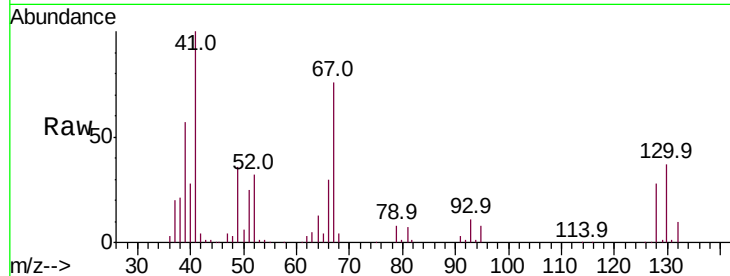
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	45.4	68.2	
67	79.4	65.9	98.9	
52	32.3	26.2	39.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.160 ug/l

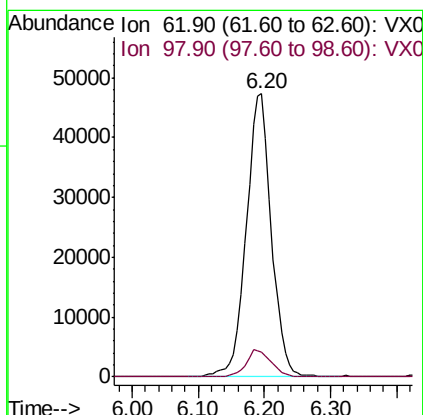
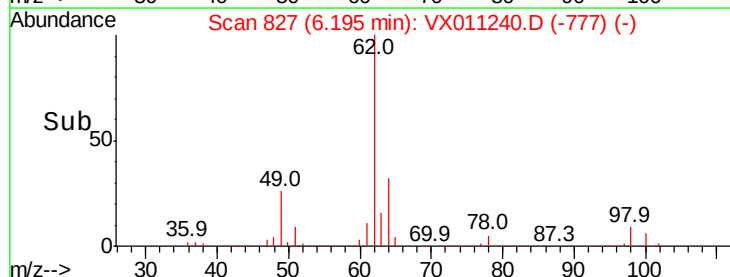
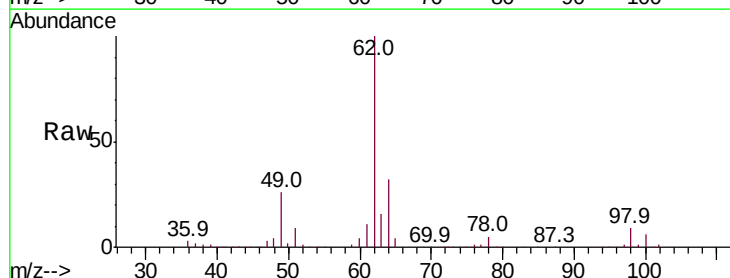
RT: 6.20 min Scan# 827

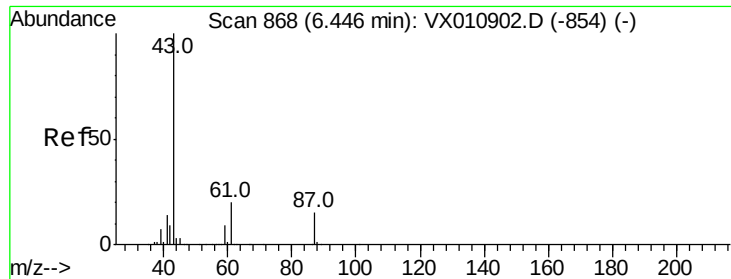
Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	20.0	





#43

Isopropyl Acetate

Concen: 54.592 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

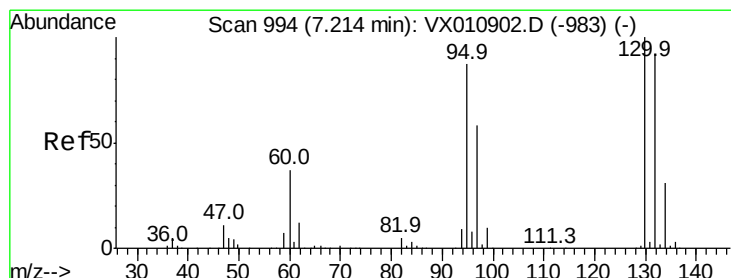
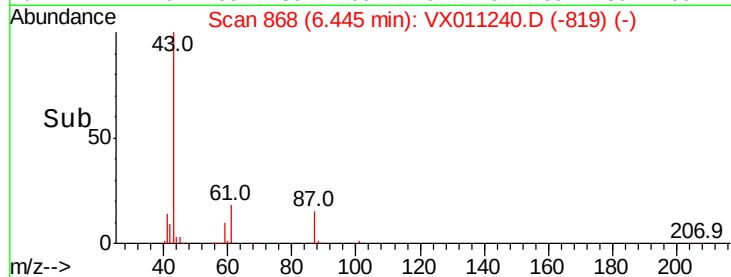
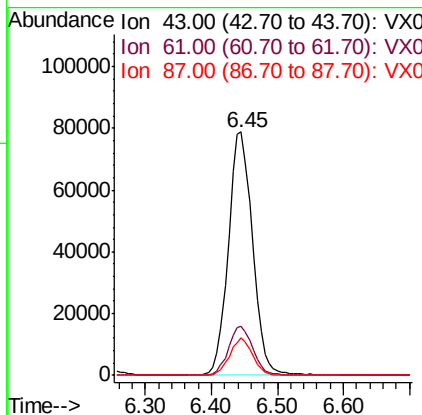
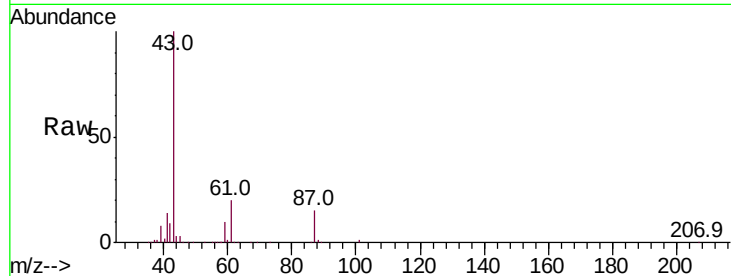
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	199636
Ion	Ratio	Lower	Upper
43	100		
61	20.2	17.1	25.7
87	14.6	12.0	18.0

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#44

Trichloroethene

Concen: 49.480 ug/l

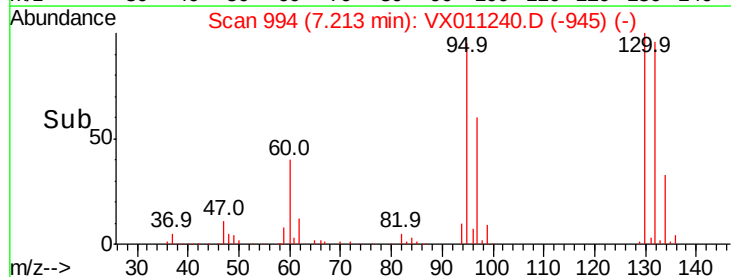
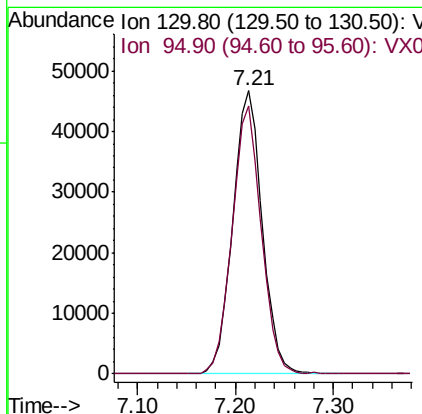
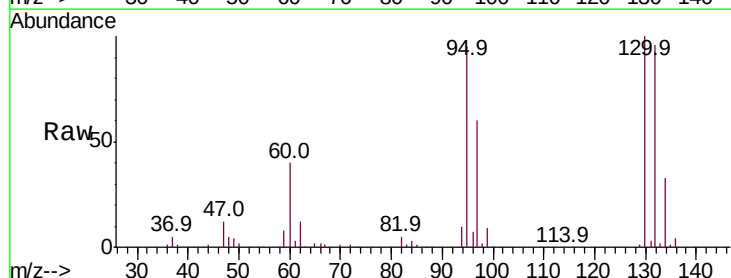
RT: 7.21 min Scan# 994

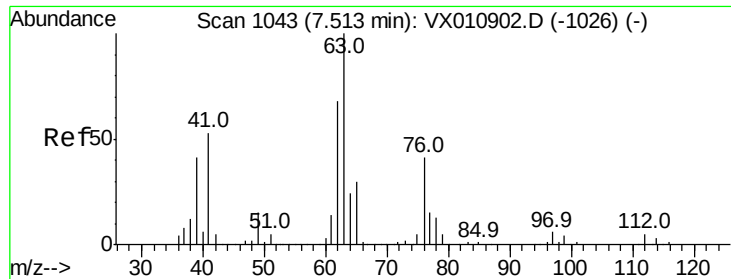
Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion:	130	Resp:	97441
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	174.8





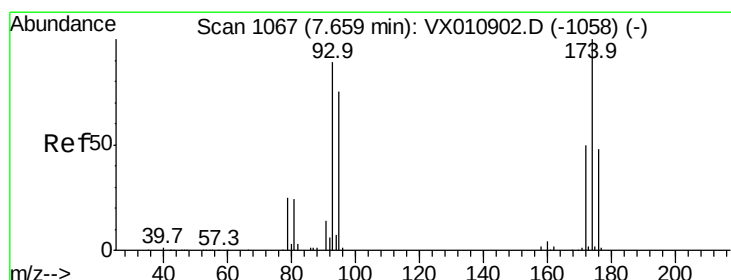
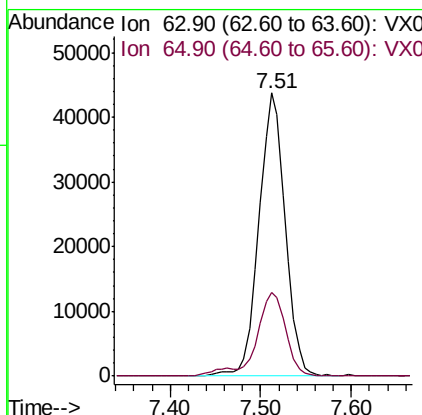
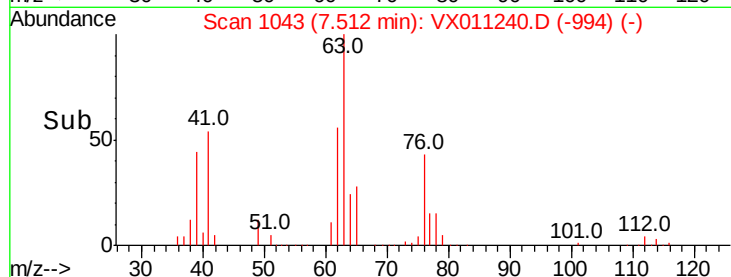
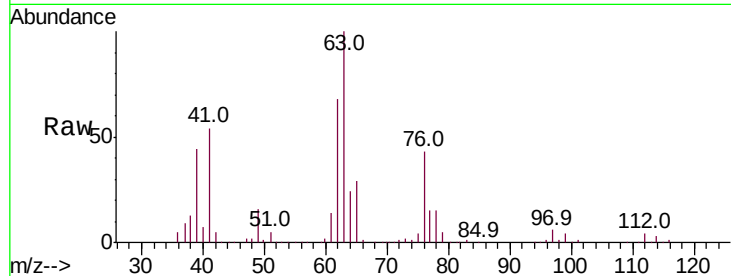
#45
 1,2-Dichloropropane
 Concen: 51.936 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 63 Resp: 87944
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.4 36.6

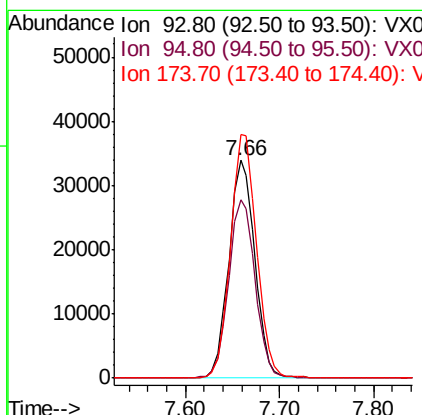
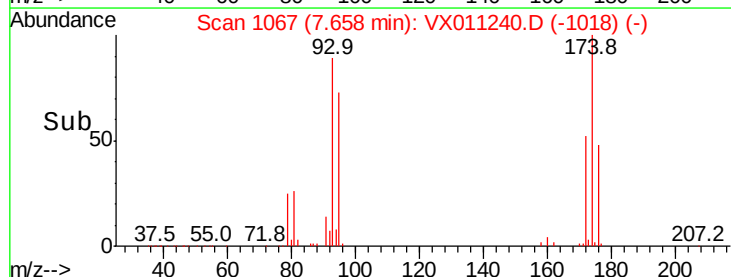
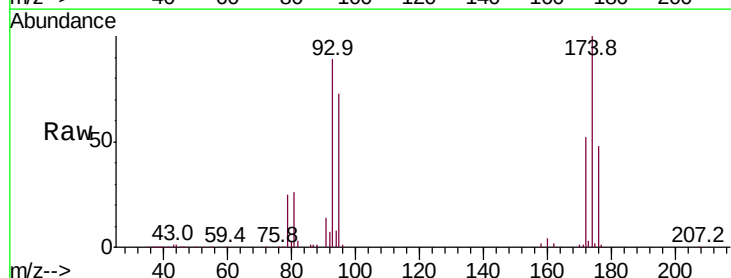
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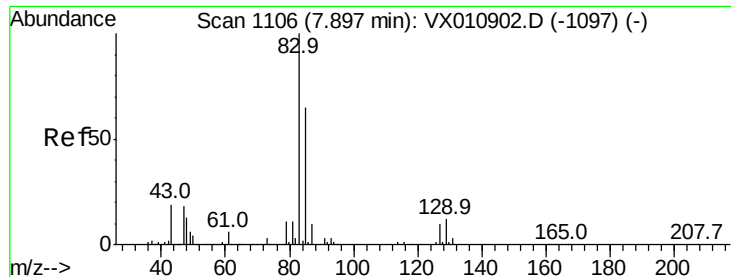
MMDadoda
 7/31/2019 10:49:43 AM



#46
 Dibromomethane
 Concen: 53.868 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 93 Resp: 65180
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 112.0 90.6 135.8





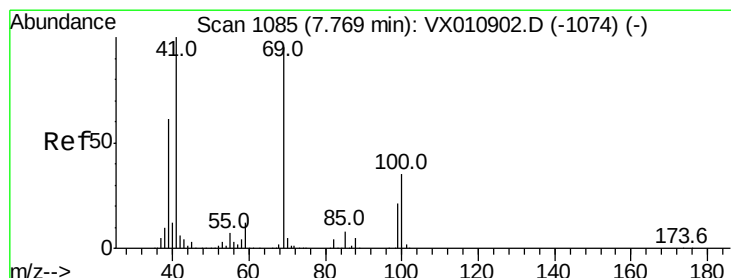
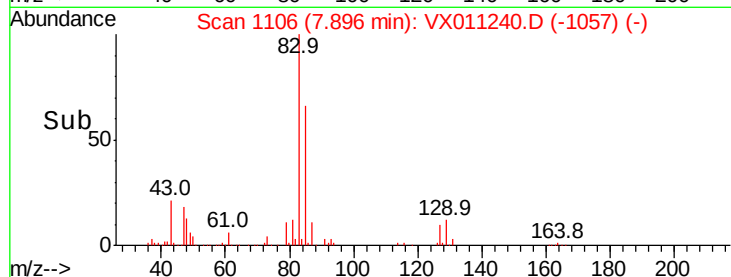
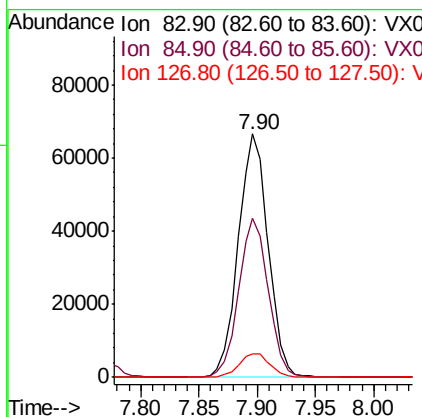
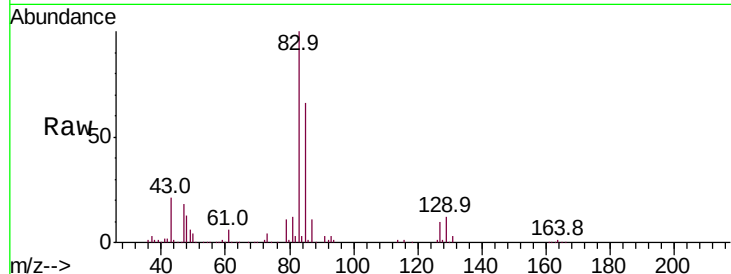
#47
Bromodichloromethane
Concen: 55.300 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	119109
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	9.7	7.8	11.8

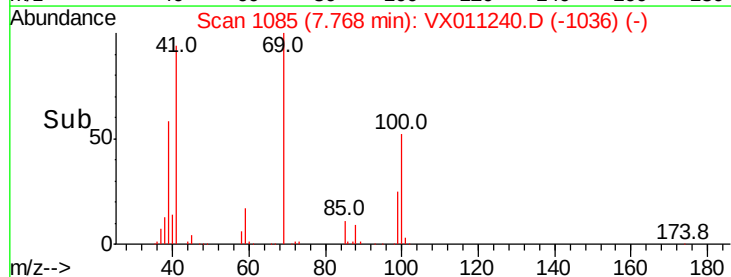
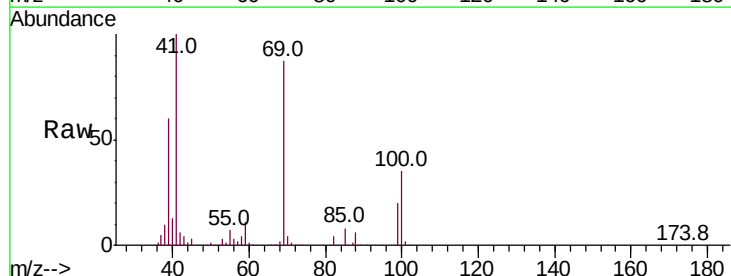
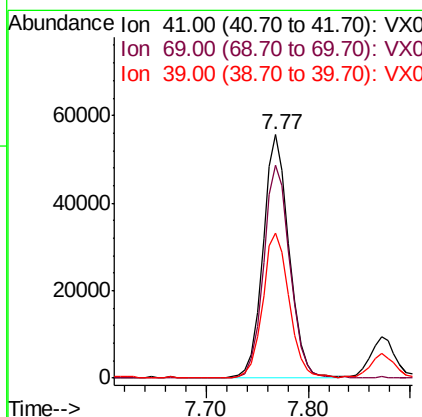
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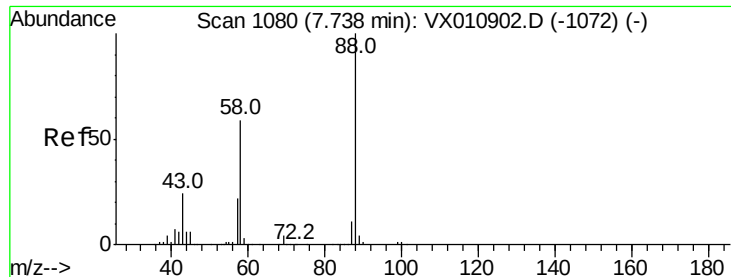
MMDadoda
7/31/2019 10:49:43 AM



#48
Methyl methacrylate
Concen: 55.388 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	41	Resp	98672
Ion	Ratio	Lower	Upper
41	100		
69	88.3	74.4	111.6
39	60.1	48.9	73.3





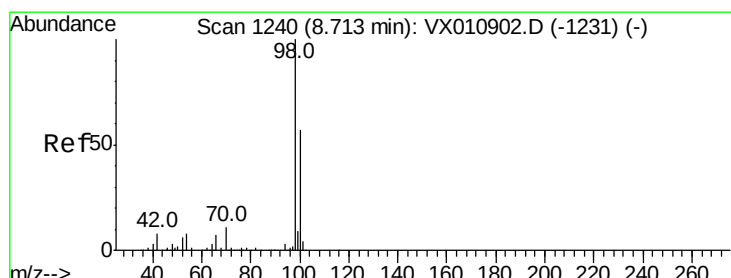
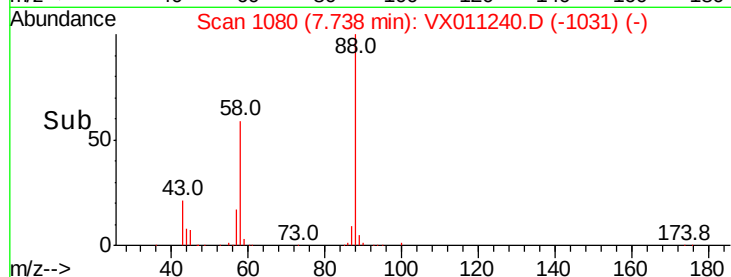
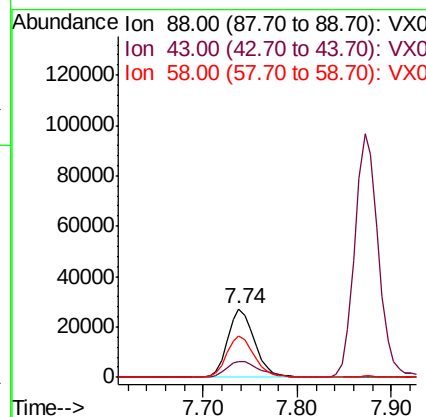
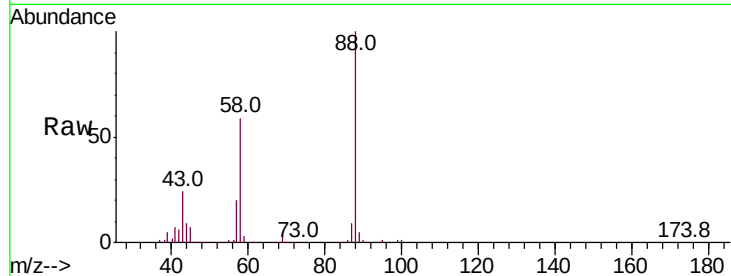
#49
1,4-Dioxane
Concen: 1071.292 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.9	34.3
58	62.9	49.8	74.8

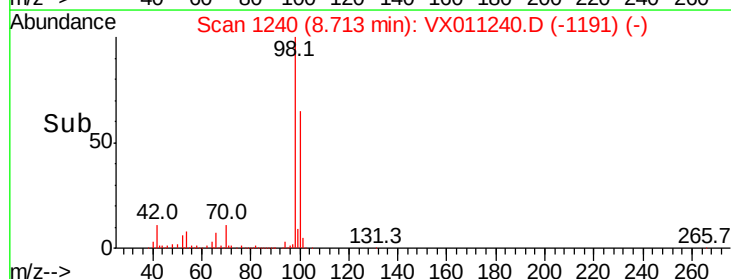
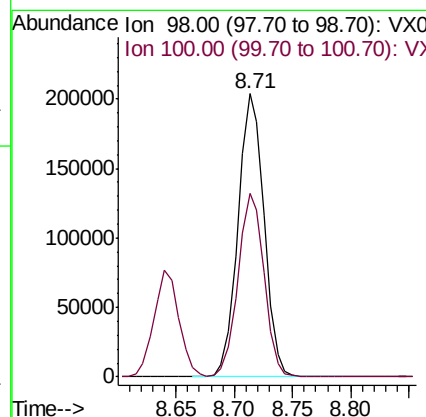
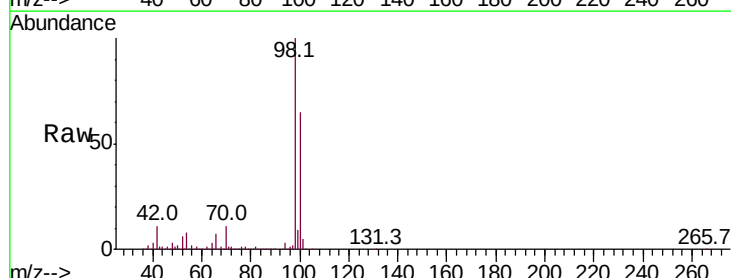
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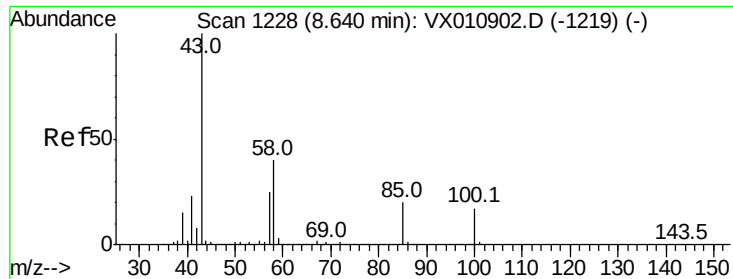
MMDadoda
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#50
Toluene-d8
Concen: 50.424 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 285.835 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 677581

Ion Ratio Lower Upper

43 100

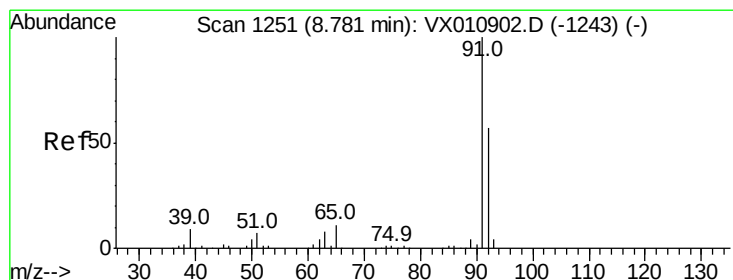
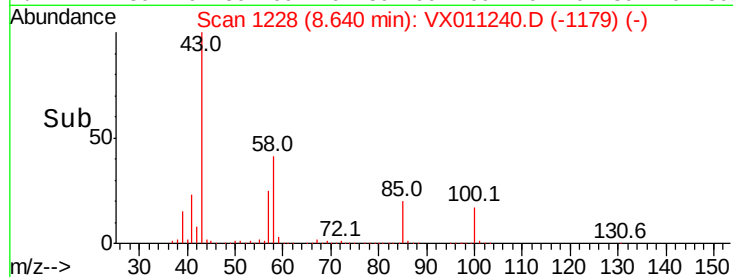
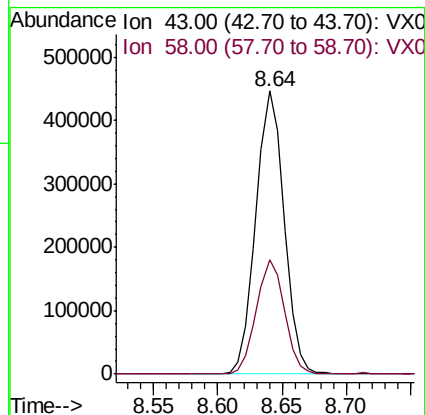
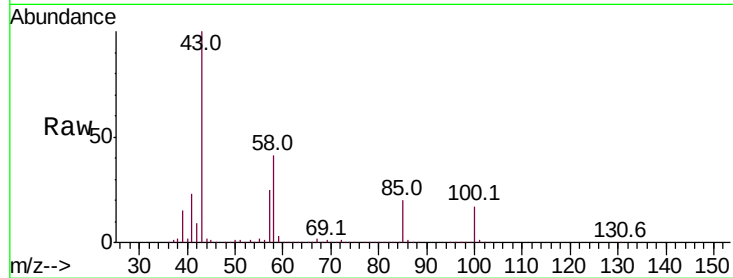
58 40.2 32.2 48.4

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#52

Toluene

Concen: 50.983 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011240.D

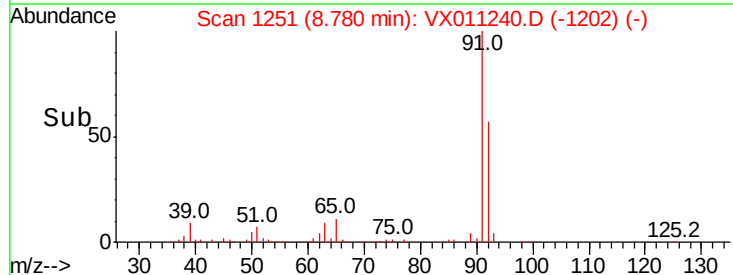
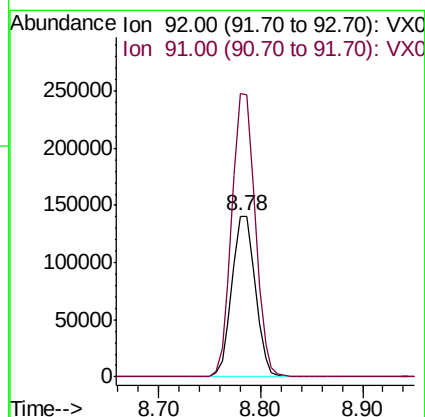
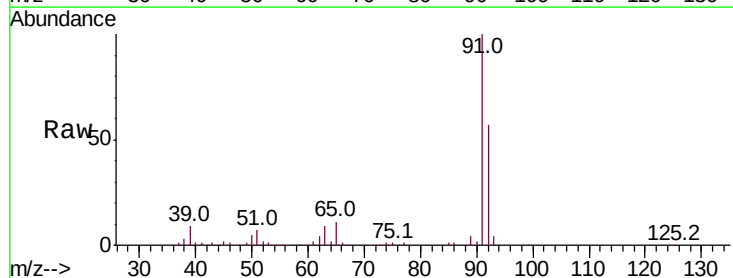
Acq: 31 Jul 2019 09:38

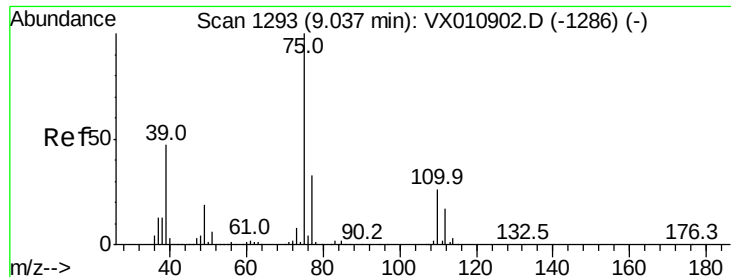
Tgt Ion: 92 Resp: 222824

Ion Ratio Lower Upper

92 100

91 176.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 49.515 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 114676

Ion Ratio Lower Upper

75 100

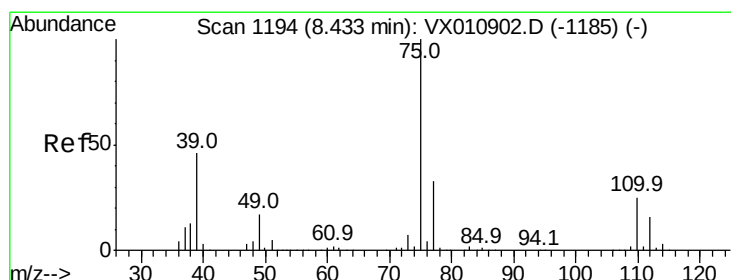
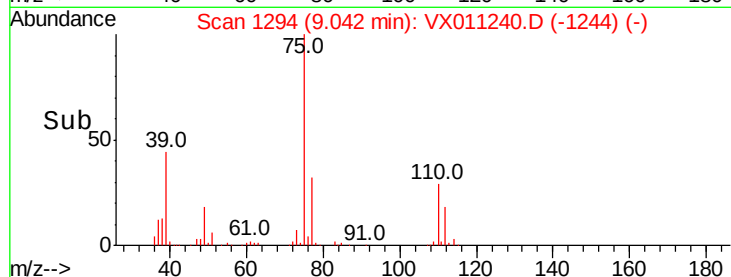
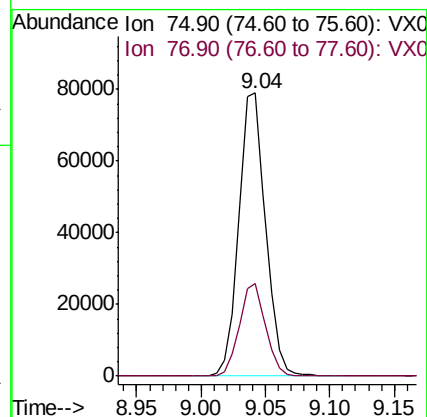
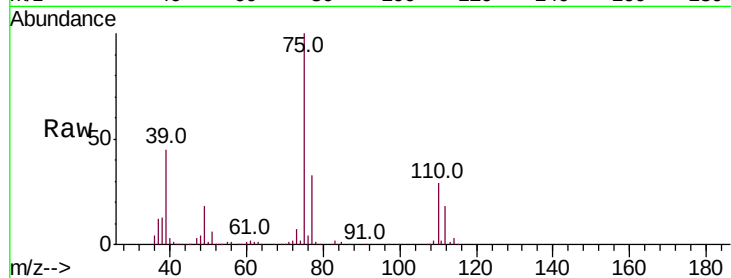
77 32.4 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 48.775 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

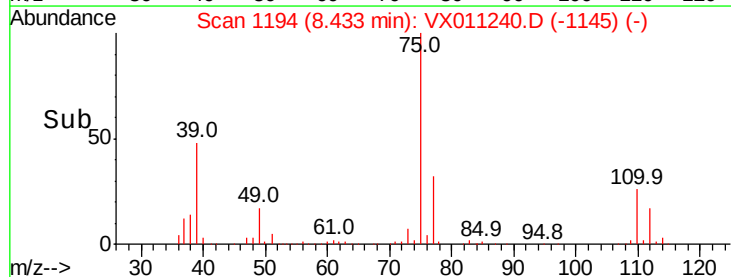
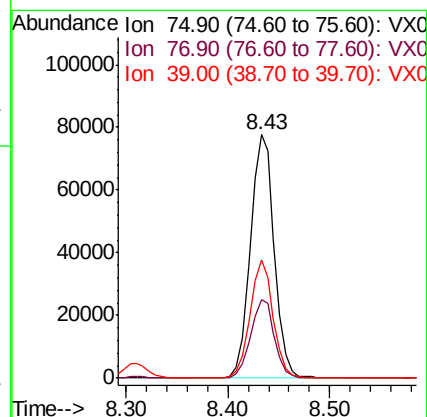
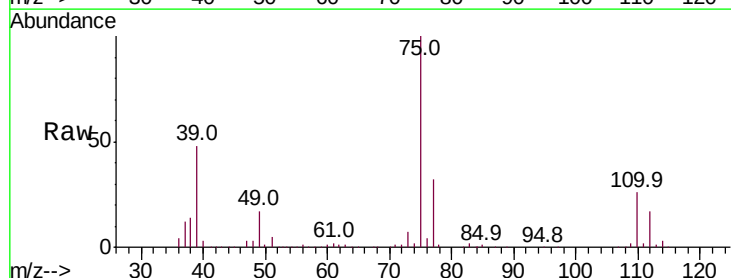
Tgt Ion: 75 Resp: 125695

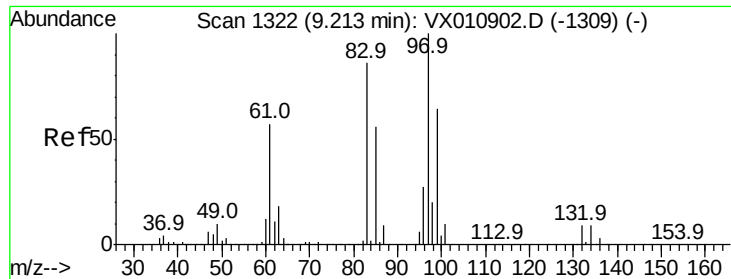
Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

39 48.2 36.6 54.8





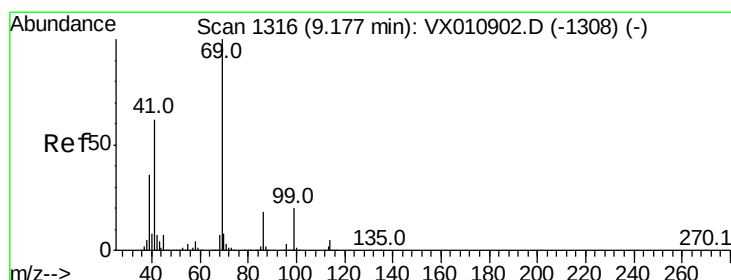
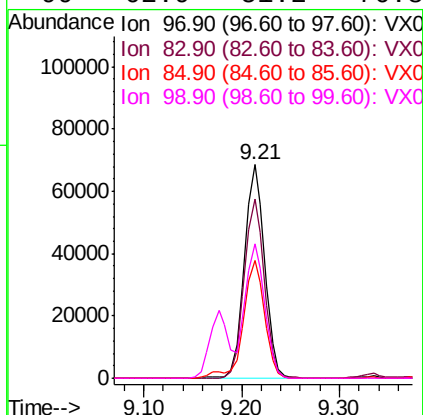
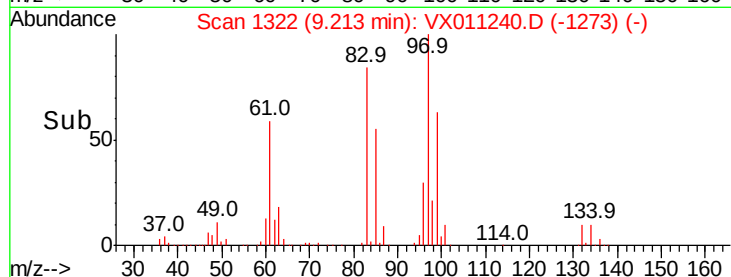
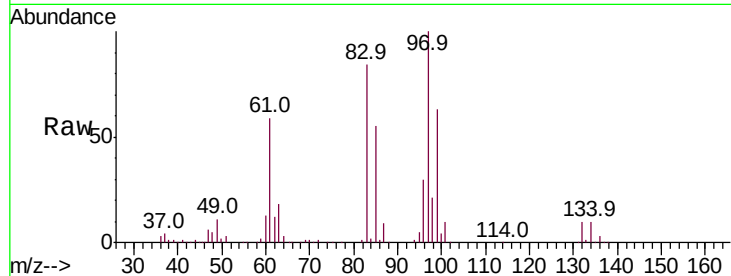
#55
1,1,2-Trichloroethane
Concen: 55.056 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	97	Resp	99076
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.2	103.8
85	54.9	44.6	66.8
99	62.9	51.2	76.8

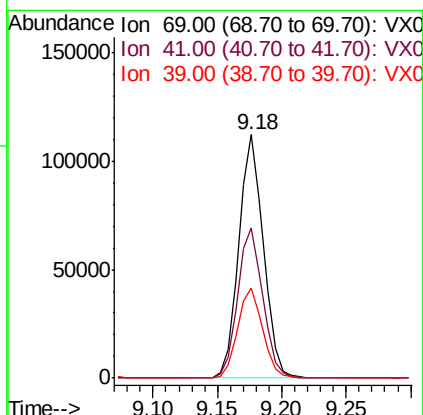
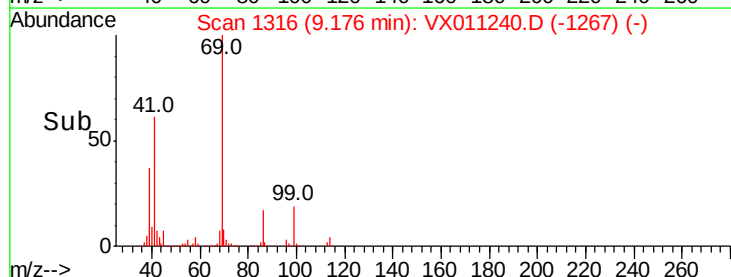
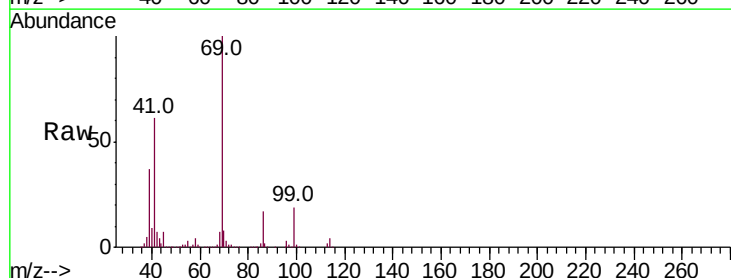
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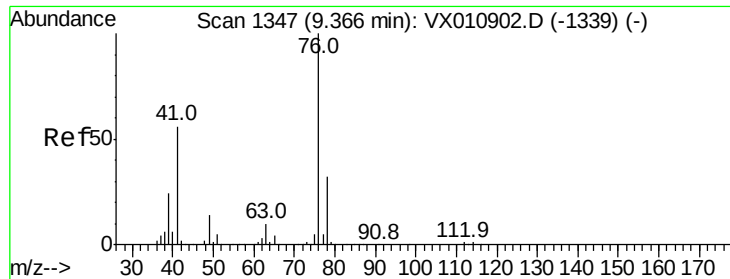
MMDadoda
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#56
Ethyl methacrylate
Concen: 56.375 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	69	Resp	148398
Ion	Ratio	Lower	Upper
69	100		
41	62.4	49.7	74.5
39	37.7	29.6	44.4





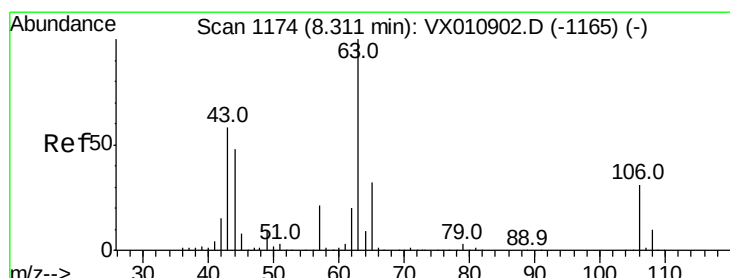
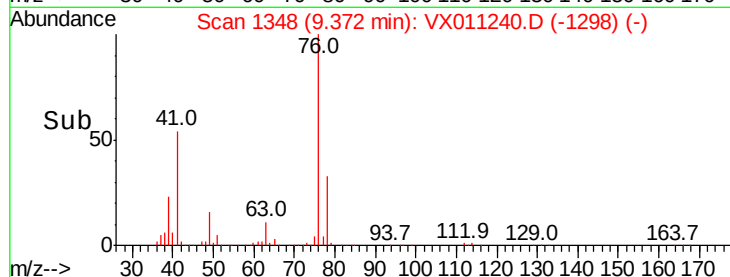
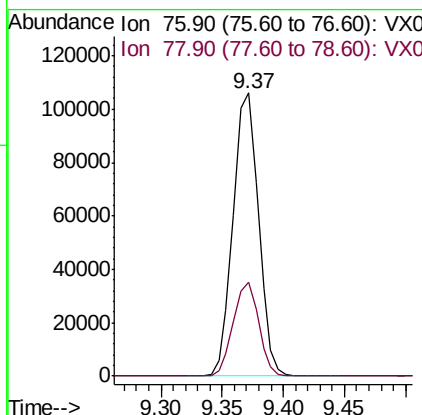
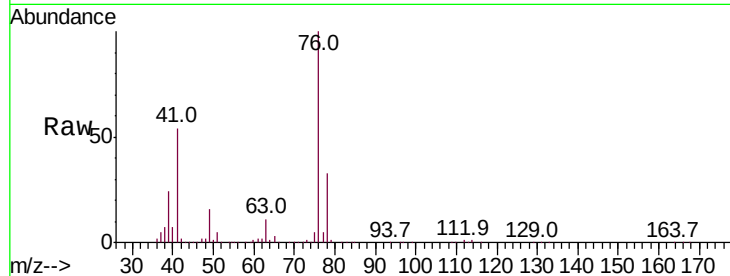
#57
 1,3-Dichloropropane
 Concen: 53.666 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 153203
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.6 38.4

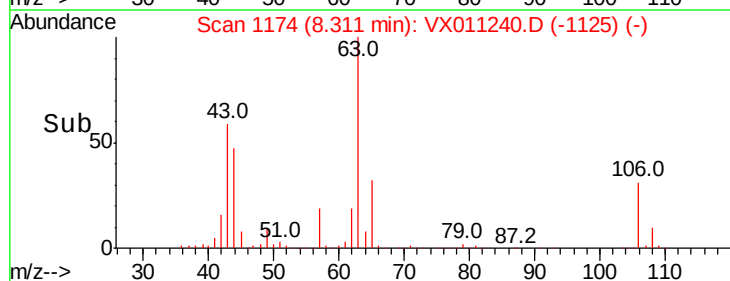
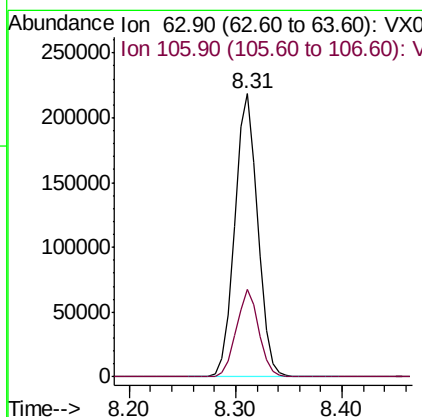
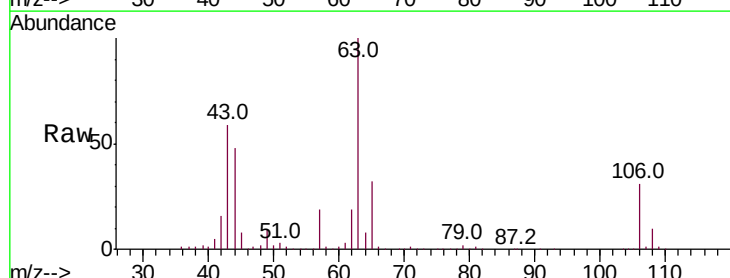
Manual Integrations
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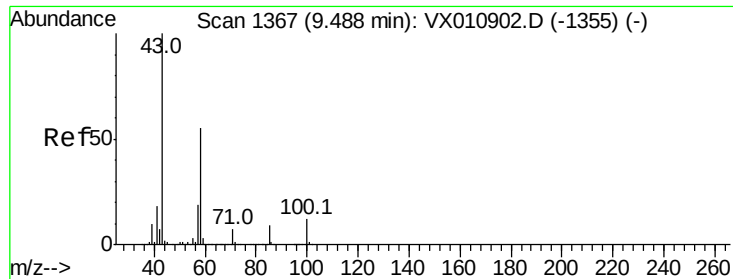
MMDadoda
 7/31/2019 10:49:43 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.880 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 63 Resp: 330328
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.0 36.0





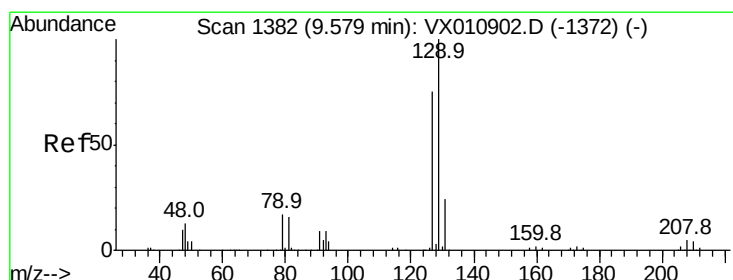
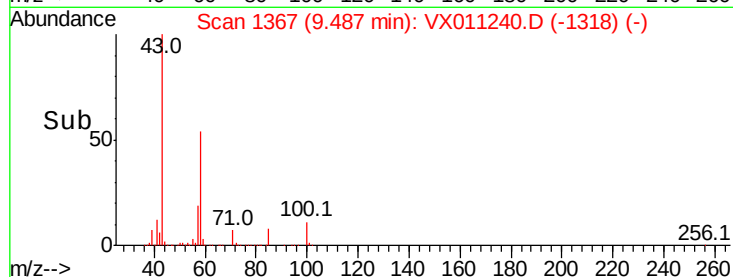
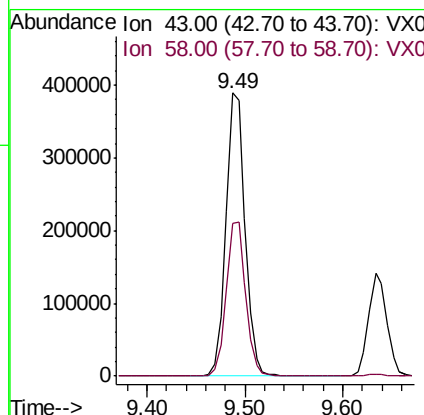
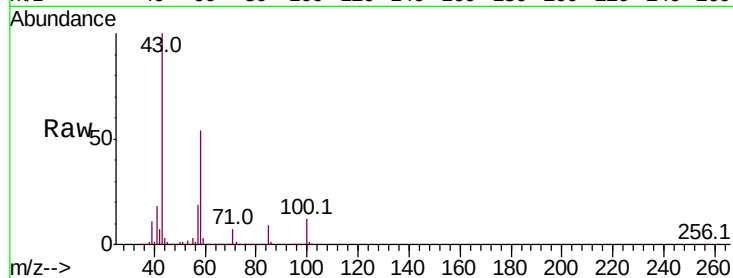
#59
2-Hexanone
Concen: 286.484 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 526736
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9

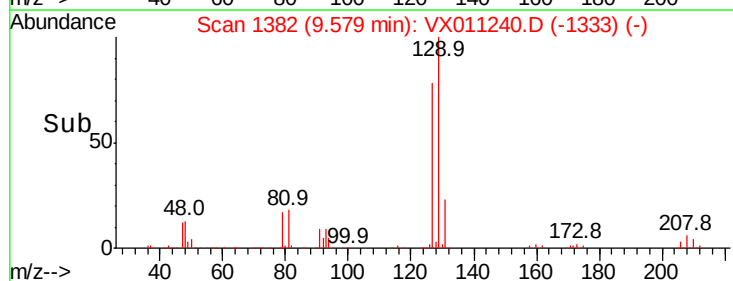
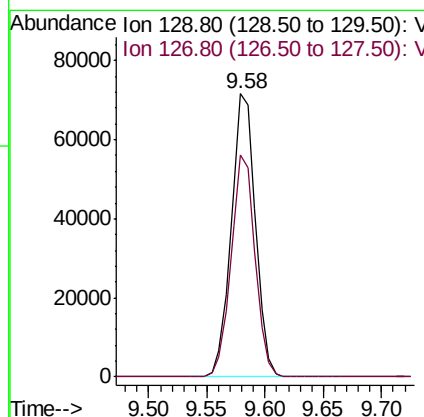
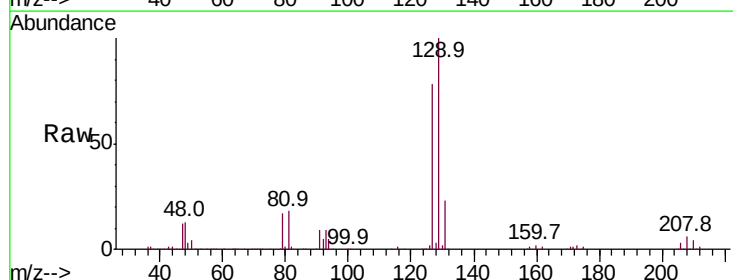
Manual Integrations
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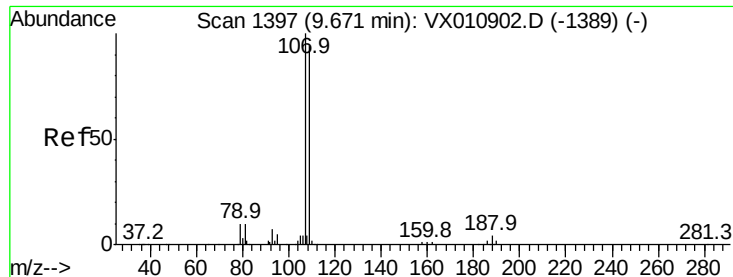
MMDadoda
7/31/2019 10:49:43 AM



#60
Dibromochloromethane
Concen: 50.144 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 129 Resp: 103869
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.761 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 104583

Ion Ratio Lower Upper

107 100

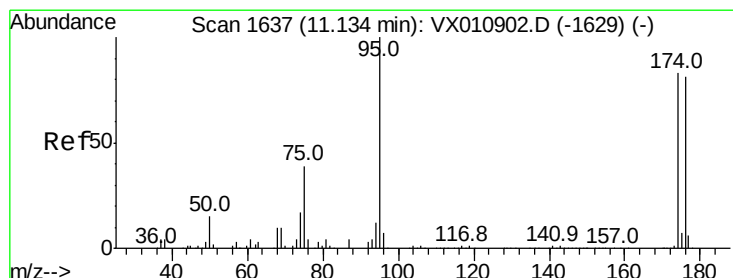
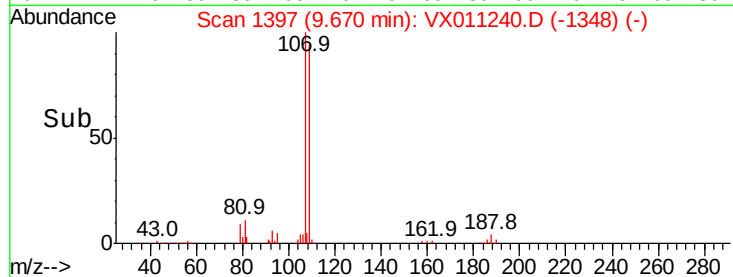
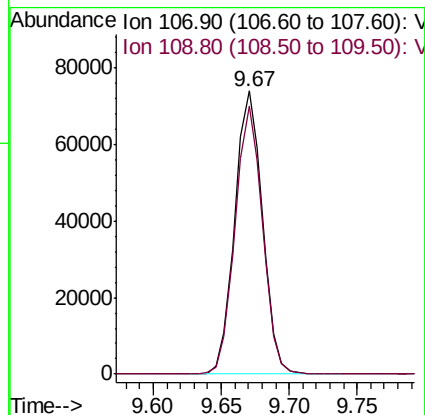
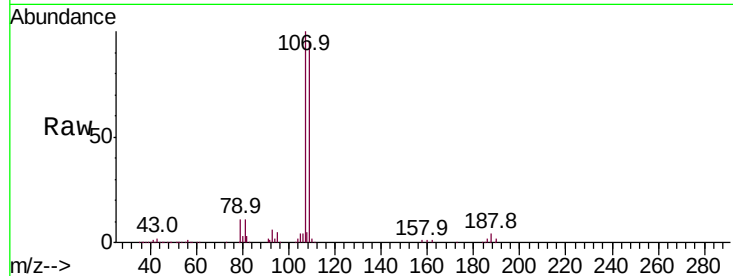
109 93.9 75.4 113.0

Manual Integrations

APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 53.696 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

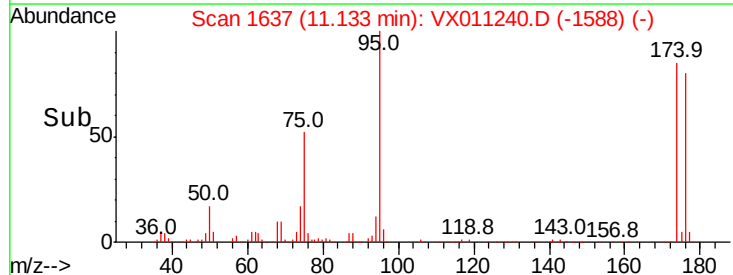
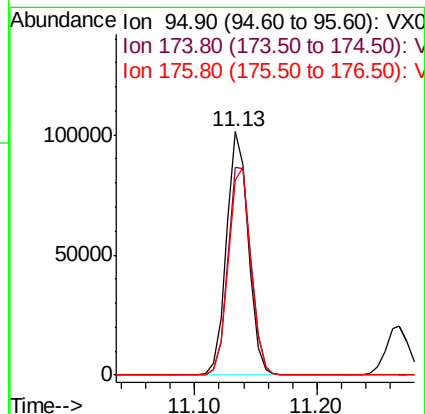
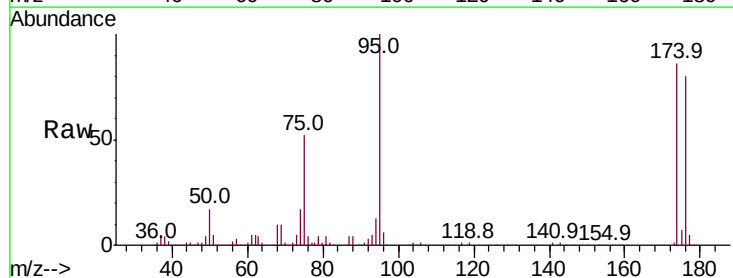
Tgt Ion: 95 Resp: 124237

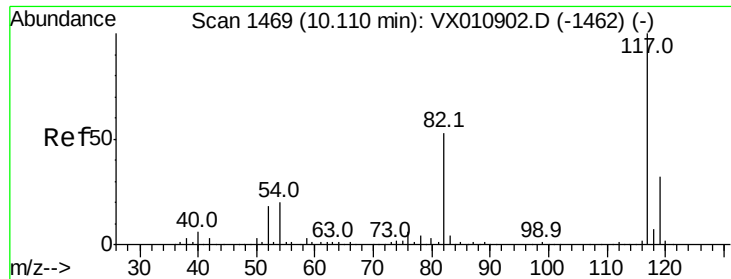
Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.6

176 87.6 0.0 173.8





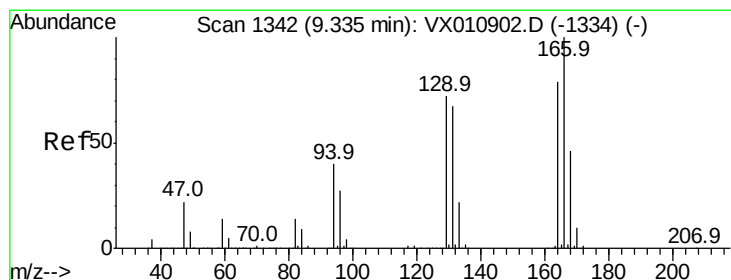
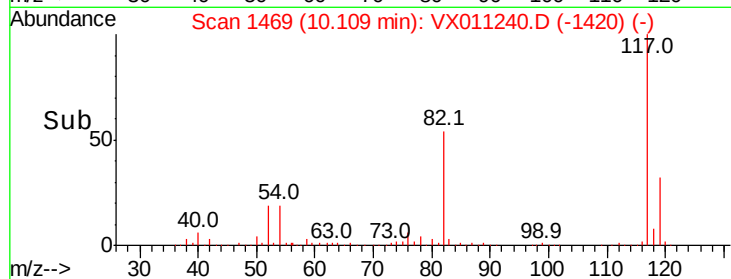
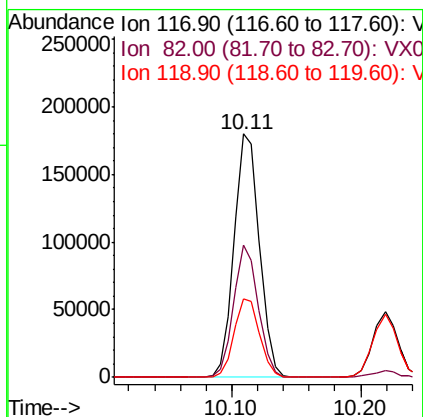
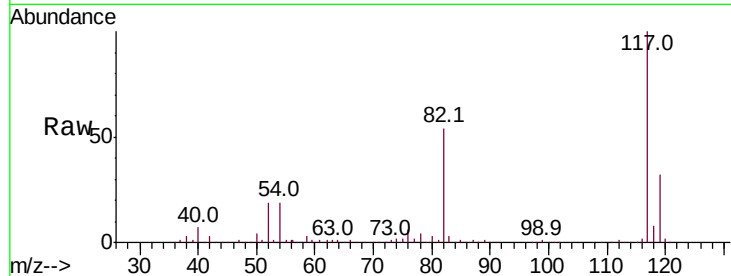
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.6	63.8
119	32.1	25.9	38.9

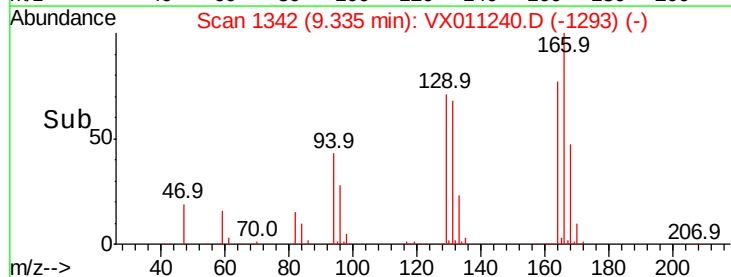
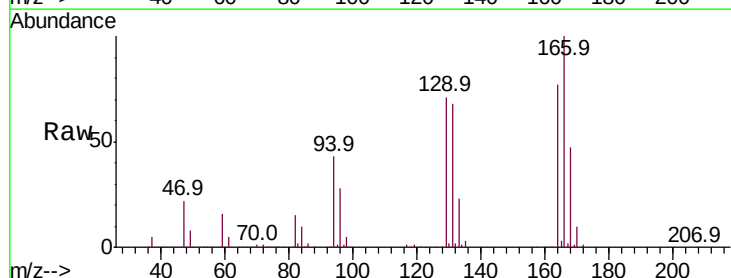
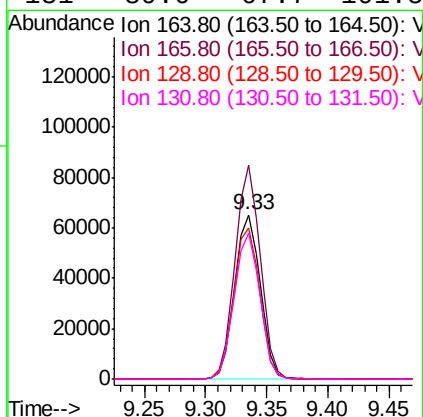
Manual Integrations
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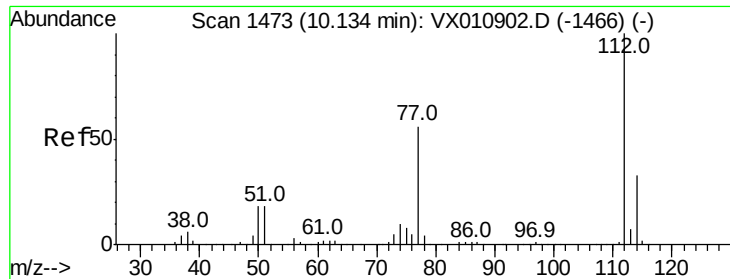
MMDadoda
7/31/2019 10:49:43 AM



#64
Tetrachloroethene
Concen: 48.503 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	100.8	151.2
129	92.0	72.6	109.0
131	89.0	67.7	101.5





#65

Chlorobenzene

Concen: 50.346 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 256024

Ion Ratio Lower Upper

112 100

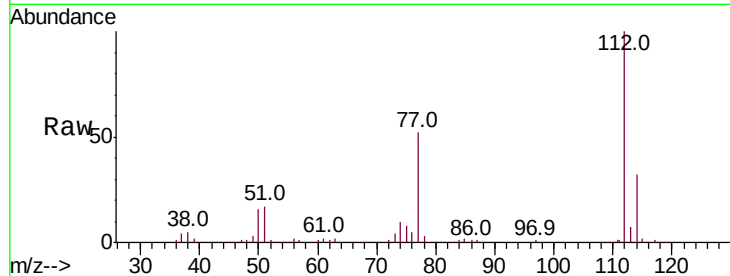
114 32.1 26.2 39.4

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

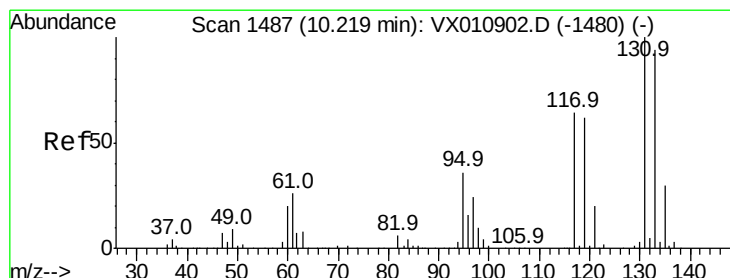
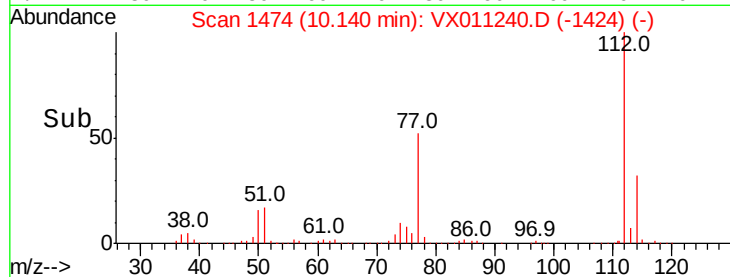
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.983 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

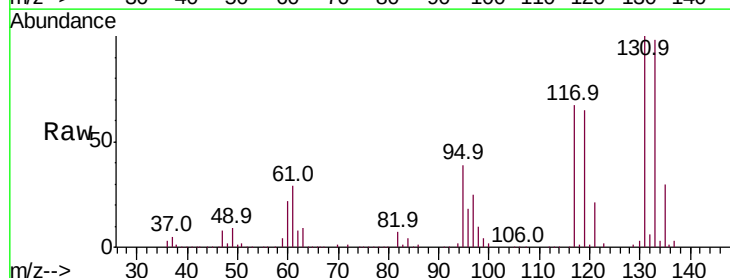
Tgt Ion:131 Resp: 96480

Ion Ratio Lower Upper

131 100

133 96.0 47.1 141.4

119 64.2 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

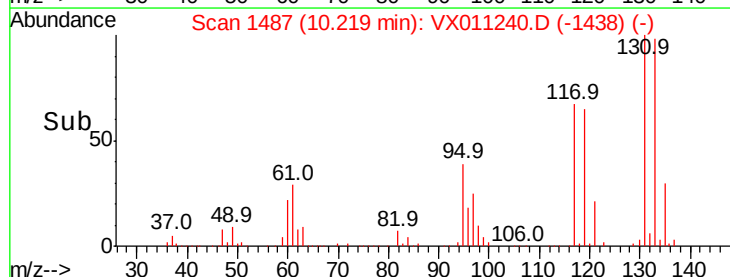
60000

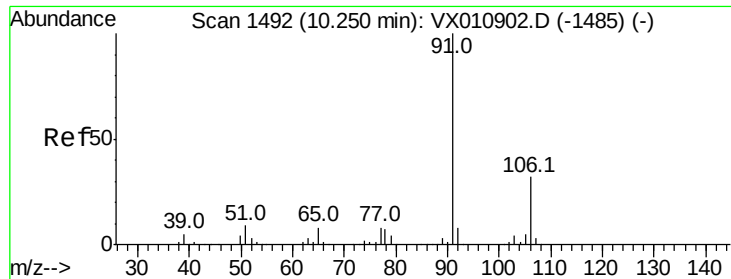
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 51.695 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 447456

Ion Ratio Lower Upper

91 100

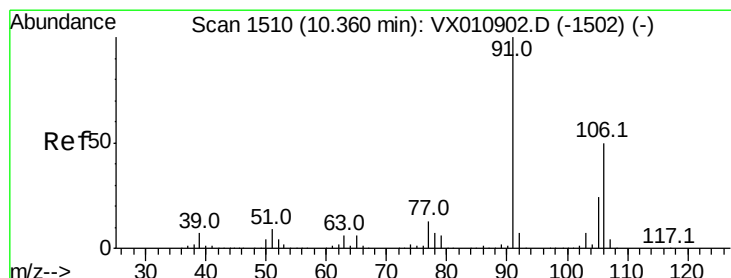
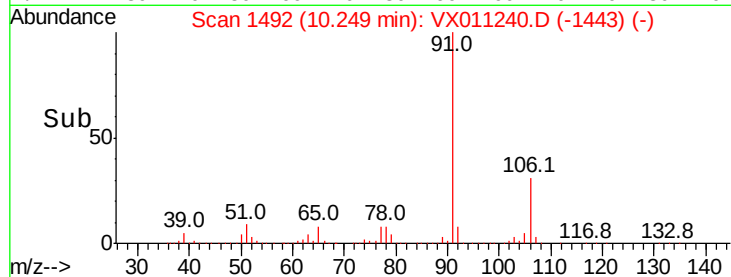
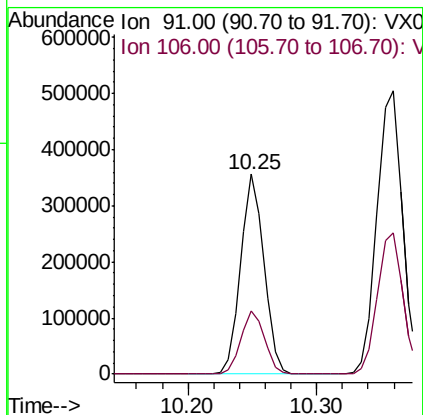
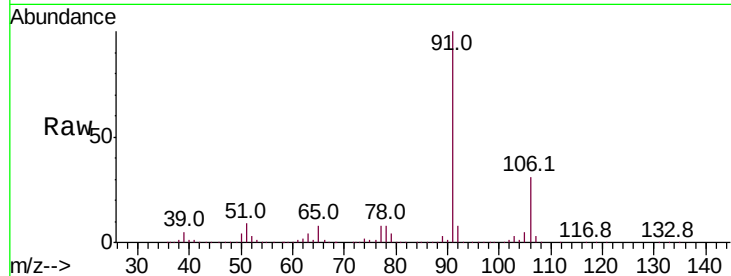
106 31.5 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.239 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011240.D

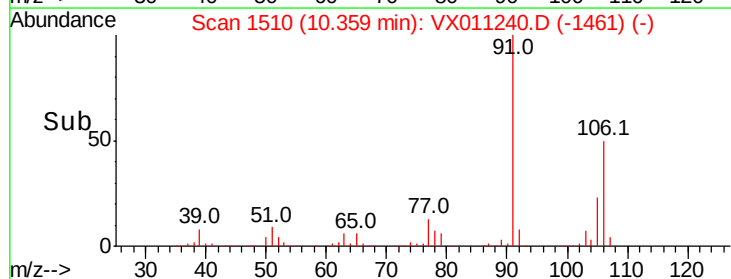
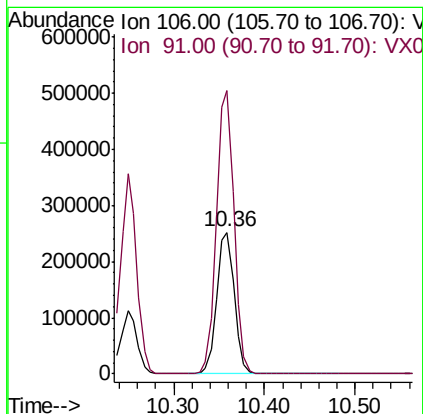
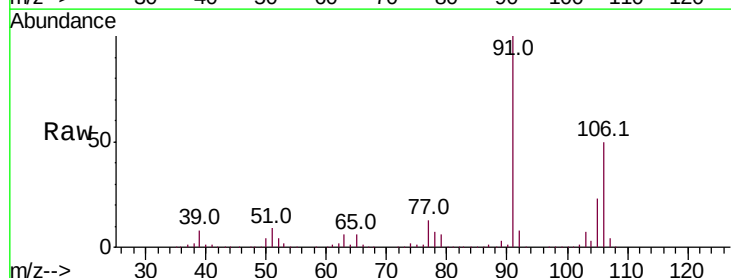
Acq: 31 Jul 2019 09:38

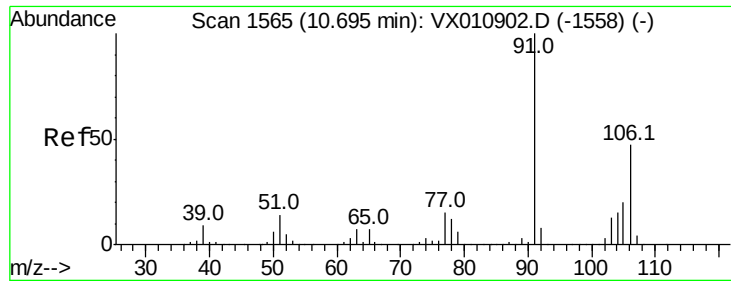
Tgt Ion: 106 Resp: 342781

Ion Ratio Lower Upper

106 100

91 200.2 160.1 240.1





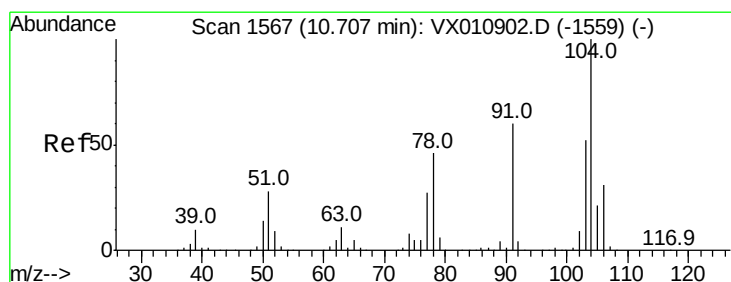
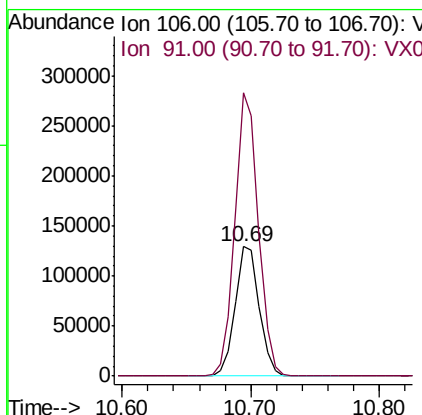
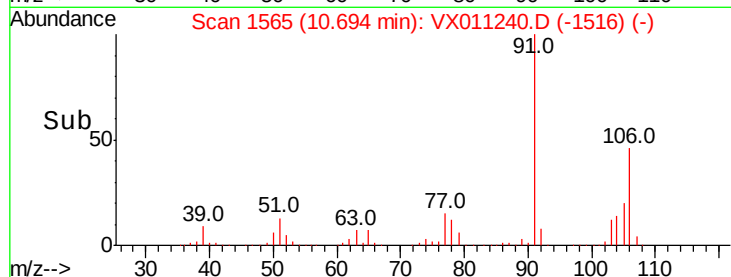
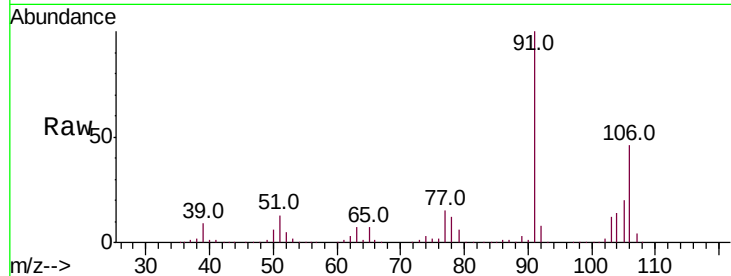
#69
o-Xylene
Concen: 51.954 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.2	105.1	315.3

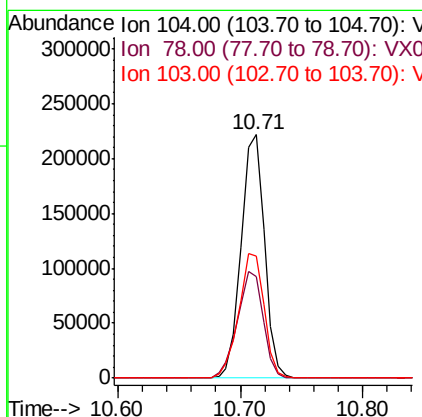
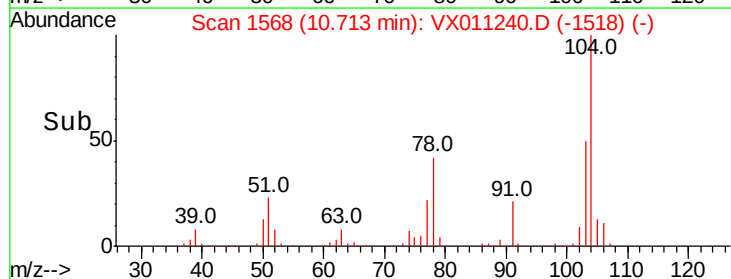
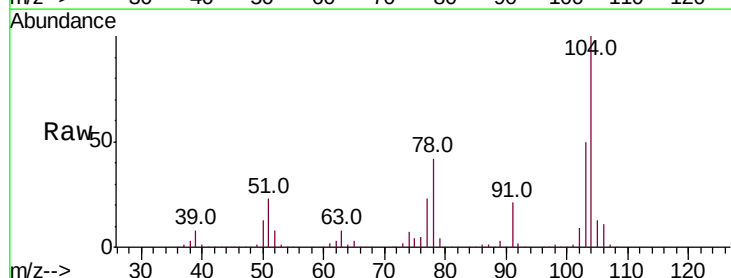
Manual Integrations
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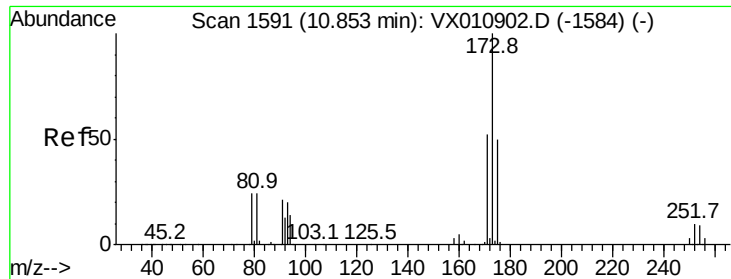
MMDadoda
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#70
Styrene
Concen: 54.346 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.8	58.2
103	55.5	44.2	66.4





#71

Bromoform

Concen: 48.891 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 79463

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.6

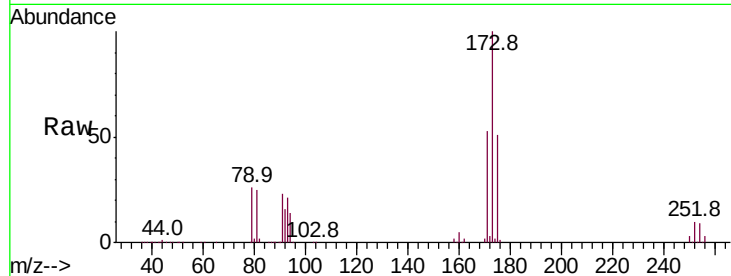
254 0.1 0.1 0.1

Manual Integrations

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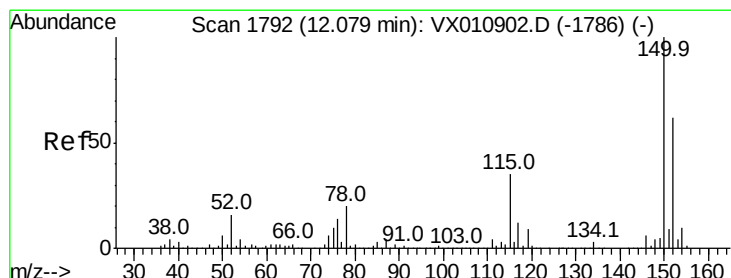
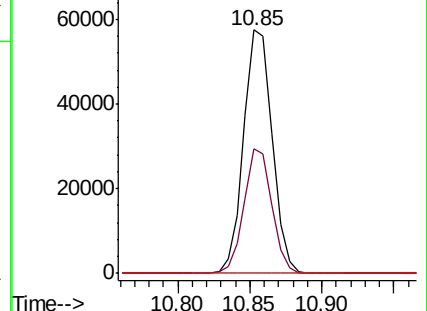
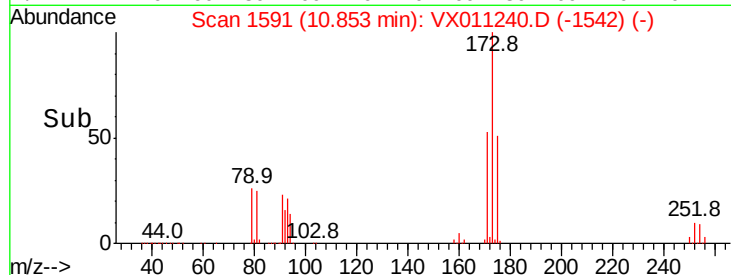
7/31/2019 10:49:43 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

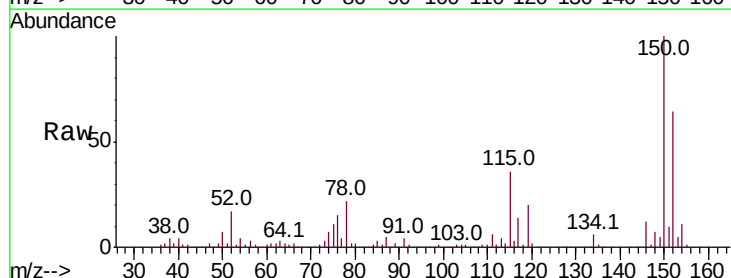
Tgt Ion:152 Resp: 135362

Ion Ratio Lower Upper

152 100

115 79.8 39.7 119.1

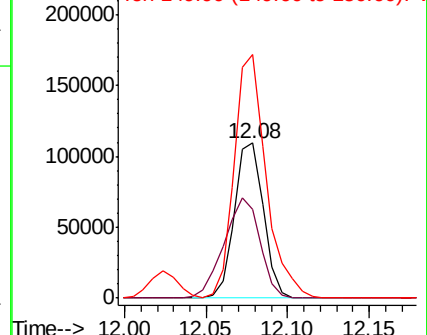
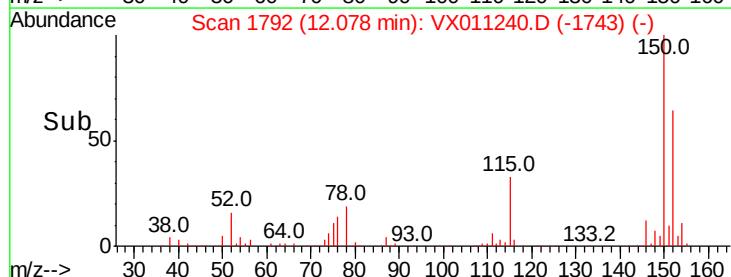
150 172.1 0.0 345.6

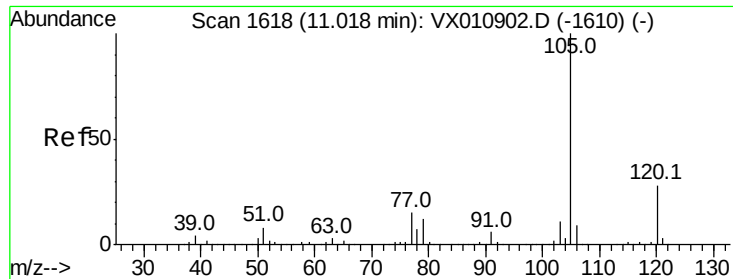


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.866 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 456091

Ion Ratio Lower Upper

105 100

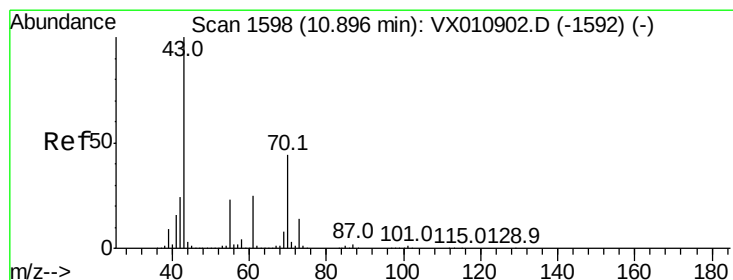
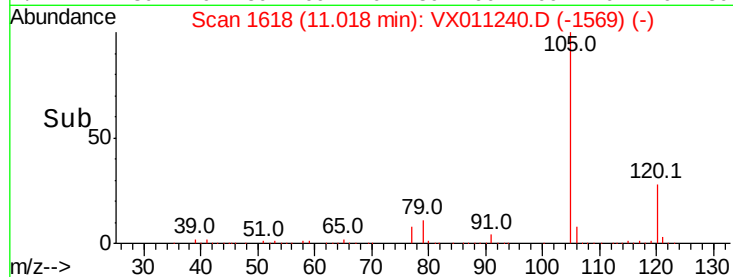
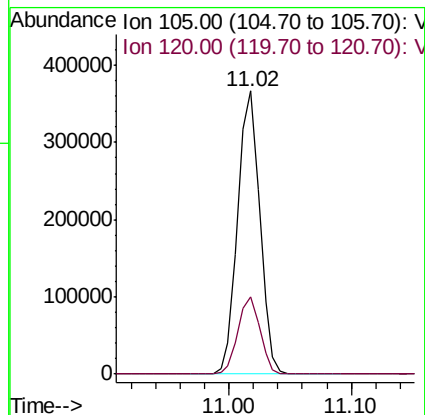
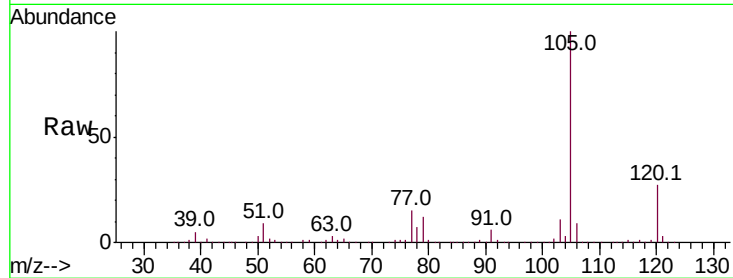
120 27.4 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.028 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion: 43 Resp: 181825

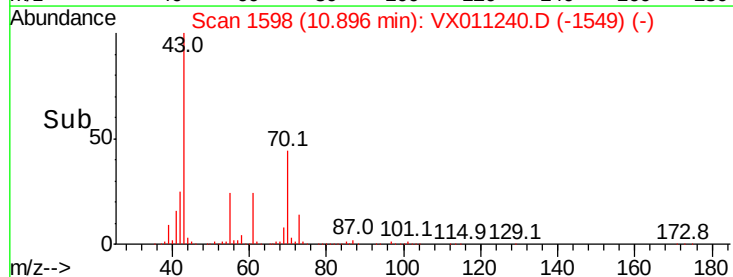
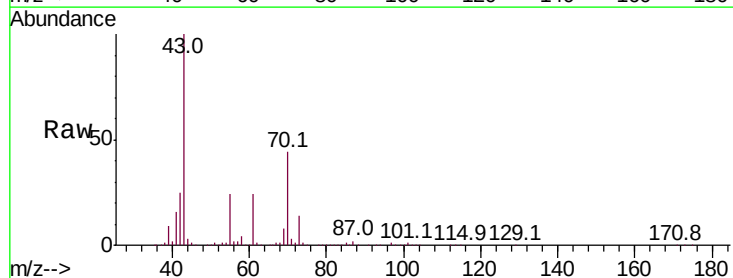
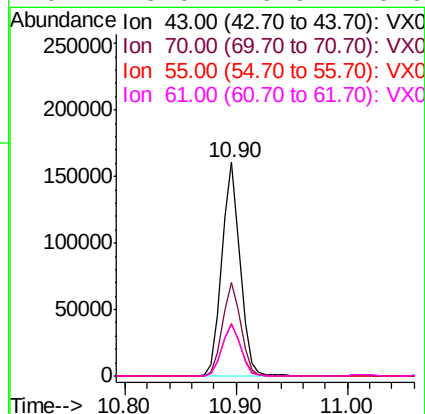
Ion Ratio Lower Upper

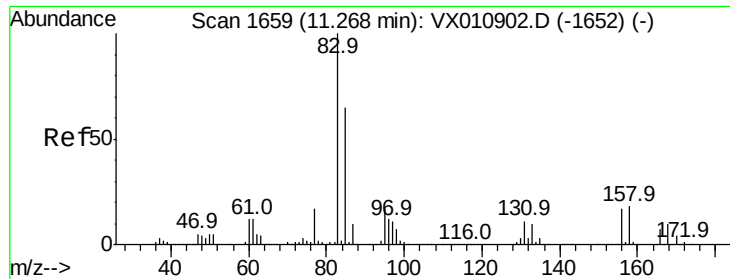
43 100

70 44.5 34.7 52.1

55 25.0 19.1 28.7

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.697 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

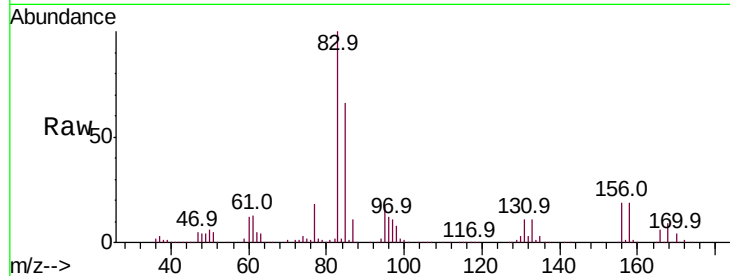
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	157732
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.4
85	64.5	32.3	96.9

Manual Integrations
APPROVED

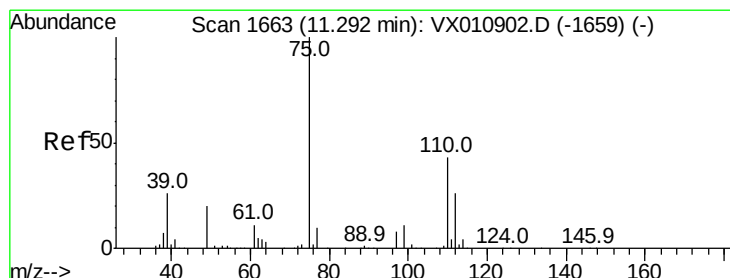
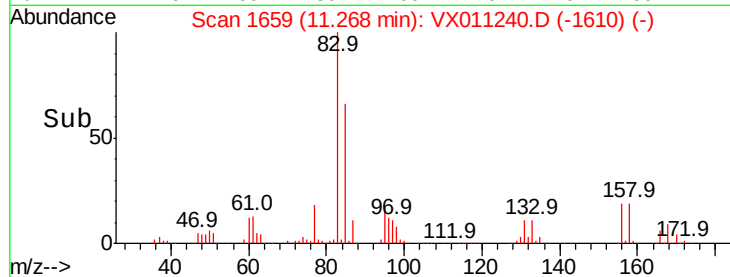
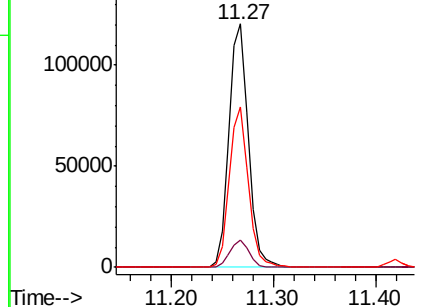
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.259 ug/l m

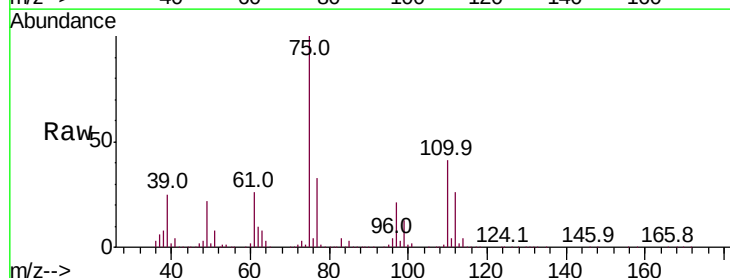
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011240.D

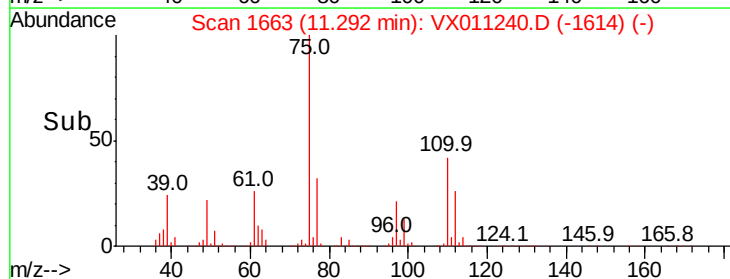
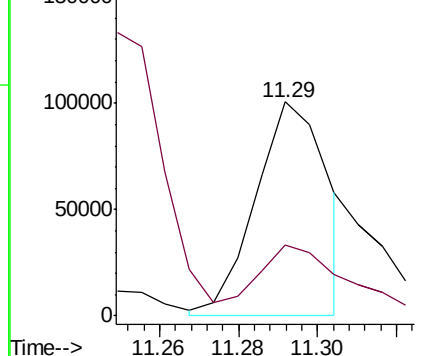
Acq: 31 Jul 2019 09:38

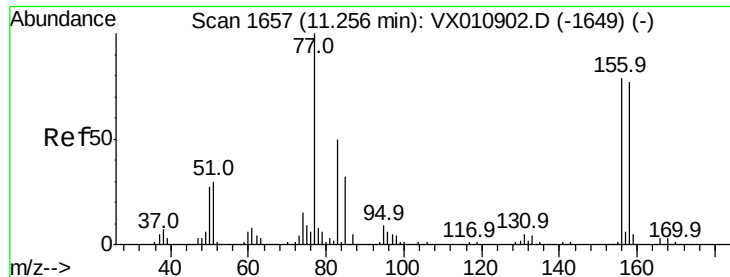
Tgt Ion:	75	Resp:	127651
Ion	Ratio	Lower	Upper
75	100		
77	41.6	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.312 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:156 Resp: 124408

Ion Ratio Lower Upper

156 100

77 138.3 68.7 206.1

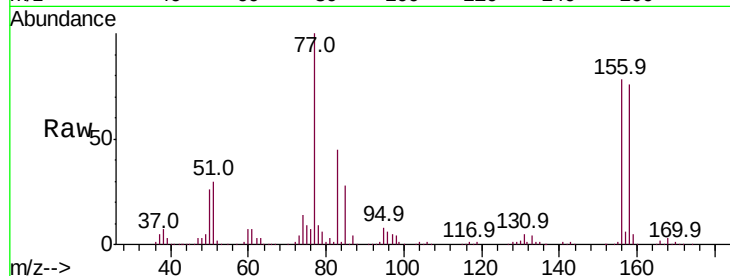
158 98.0 47.9 143.7

Manual Integrations

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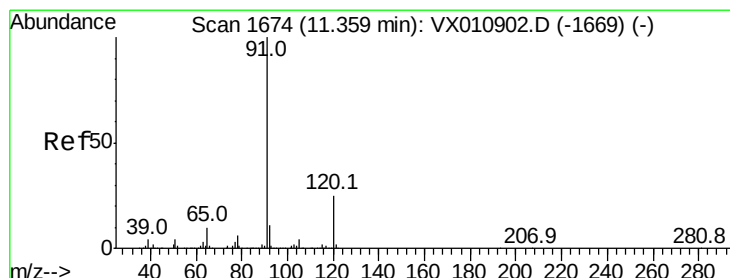
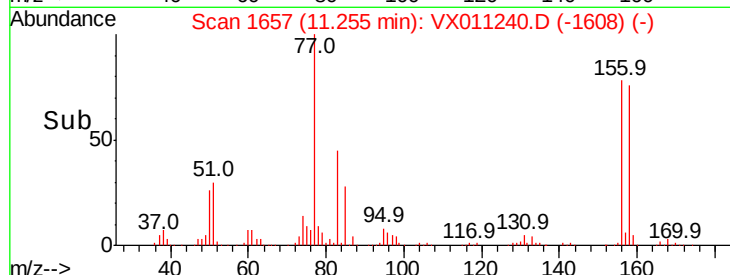
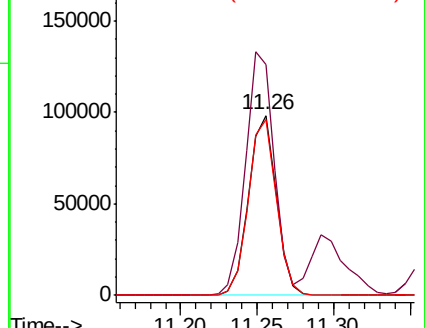
7/31/2019 10:49:43 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.069 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011240.D

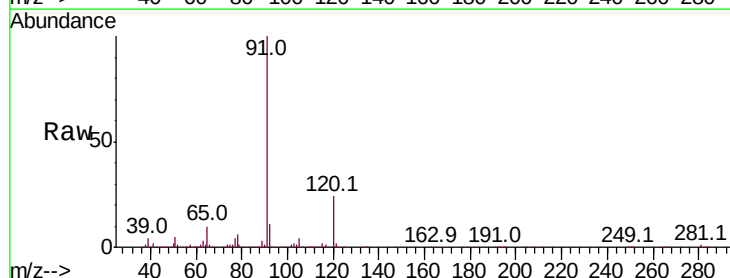
Acq: 31 Jul 2019 09:38

Tgt Ion: 91 Resp: 516102

Ion Ratio Lower Upper

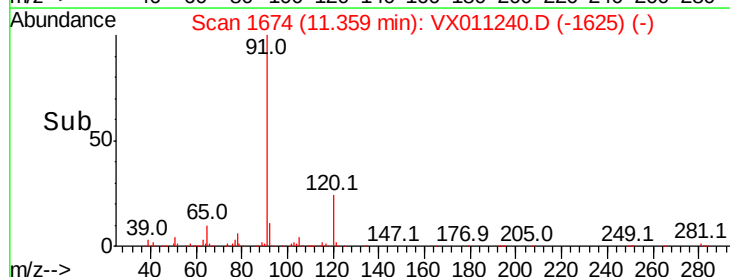
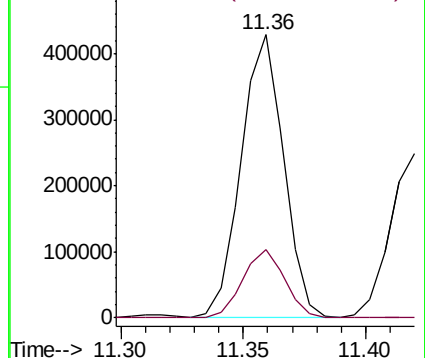
91 100

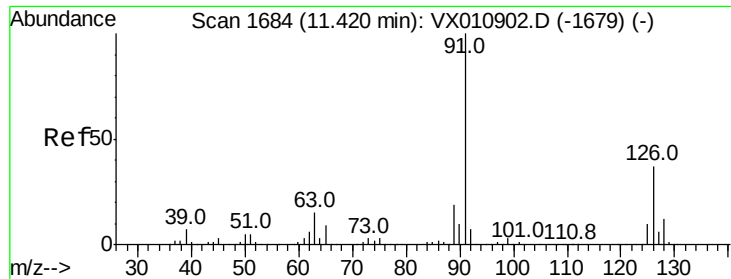
120 24.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





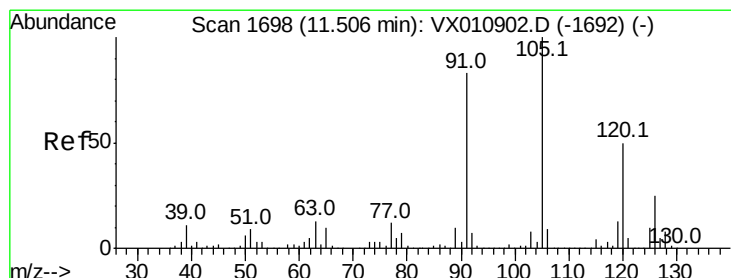
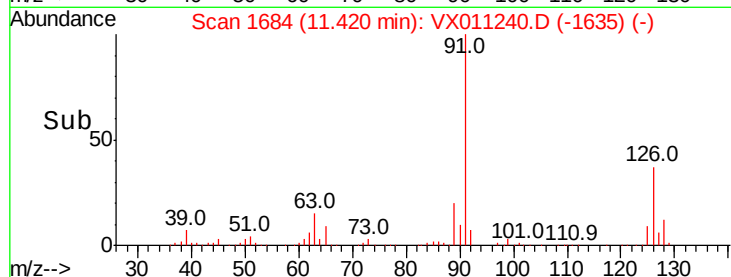
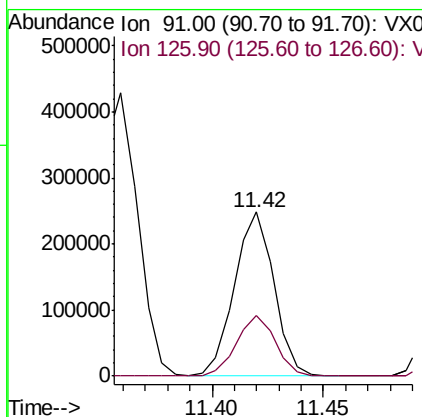
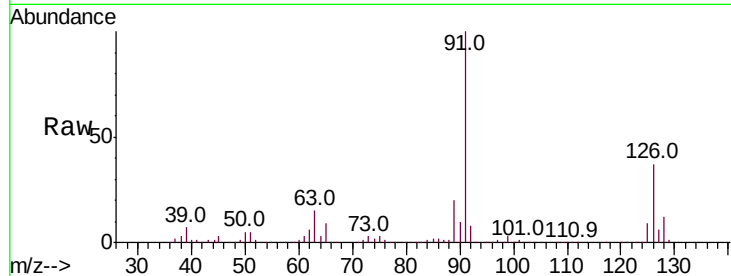
#79
 2-Chlorotoluene
 Concen: 50.437 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 306200
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.0 54.0

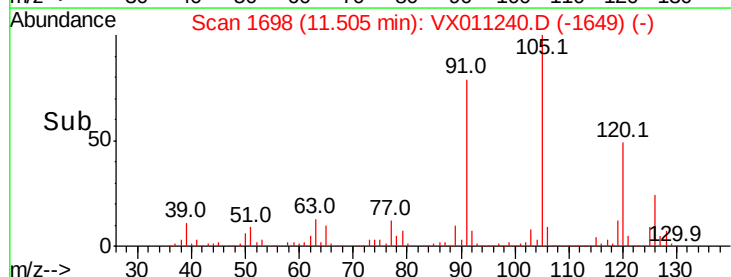
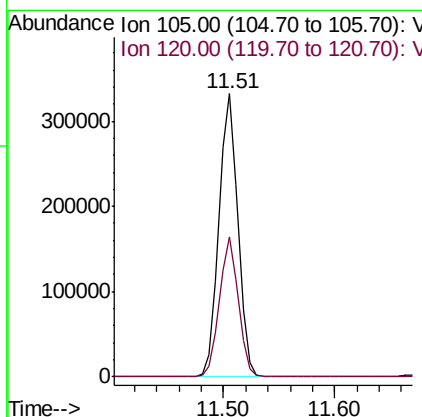
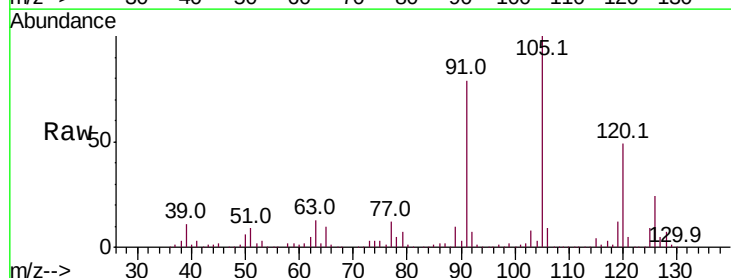
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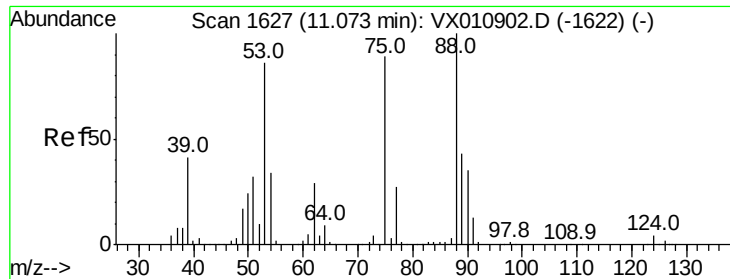
MMDadoda
 7/31/2019 10:49:43 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.190 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 105 Resp: 391228
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8





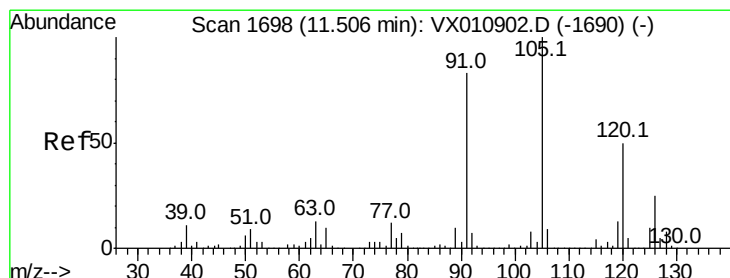
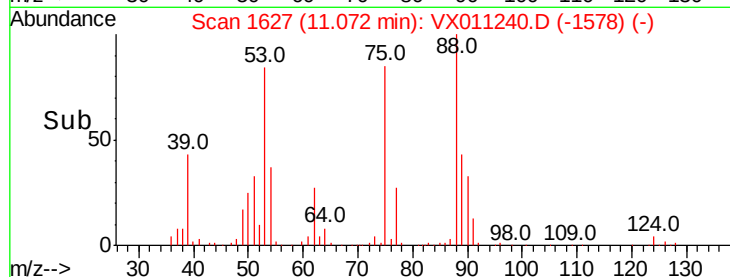
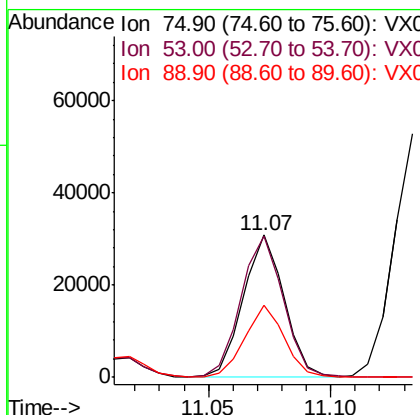
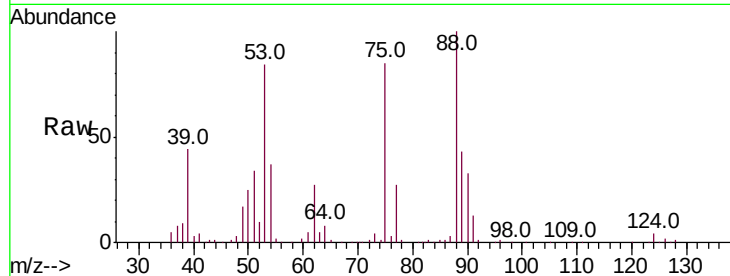
#81
trans-1,4-Dichloro-2-butene
Concen: 38.298 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	76.7	115.1
89	49.3	38.5	57.7

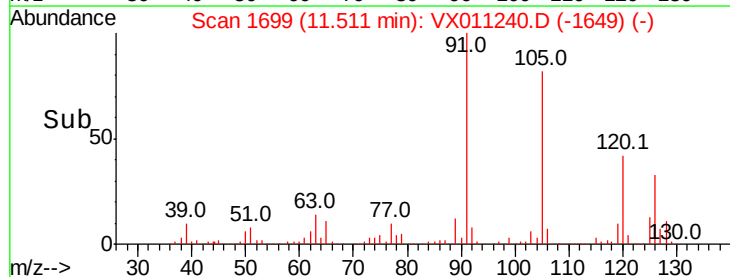
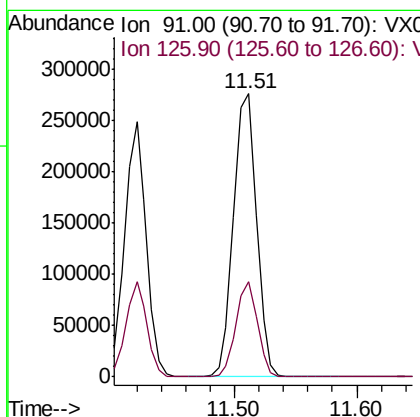
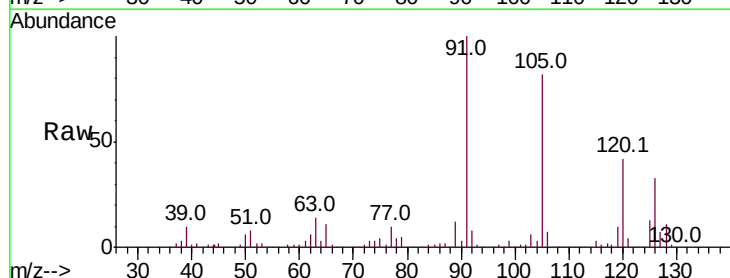
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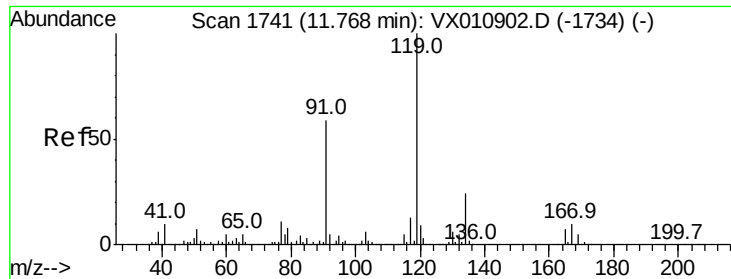
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#82
4-Chlorotoluene
Concen: 50.655 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.7





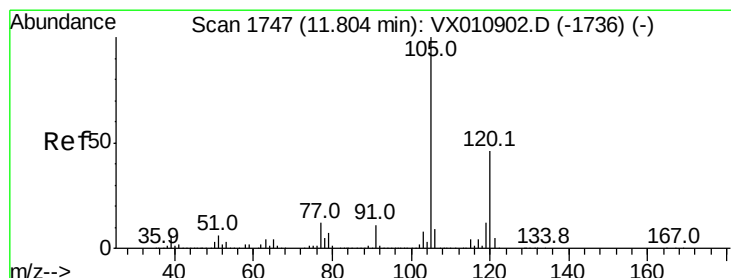
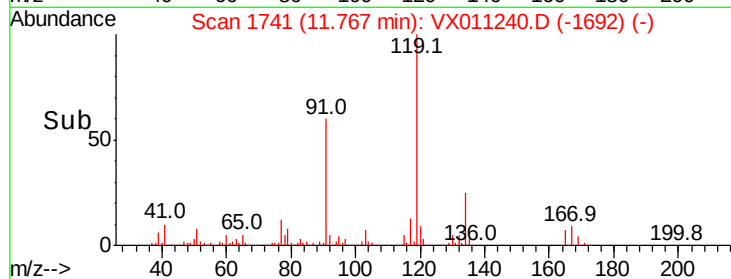
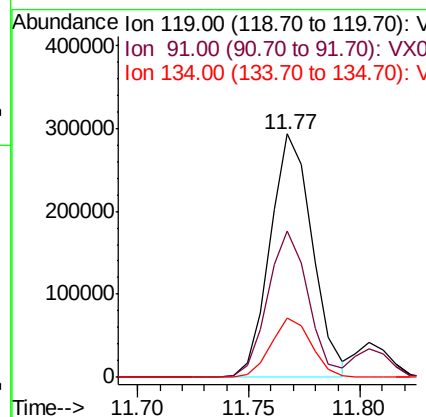
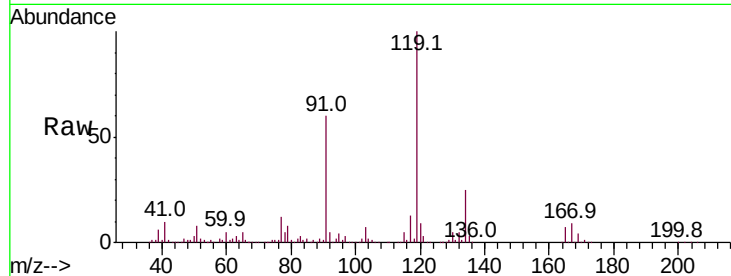
#83
 tert-Butylbenzene
 Concen: 51.328 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	385325		
91	57.9	28.6	85.8	
134	23.6	11.6	34.8	

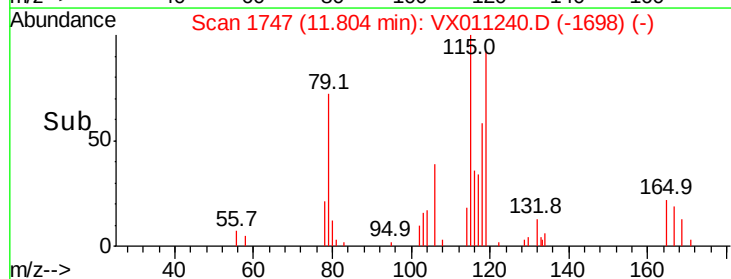
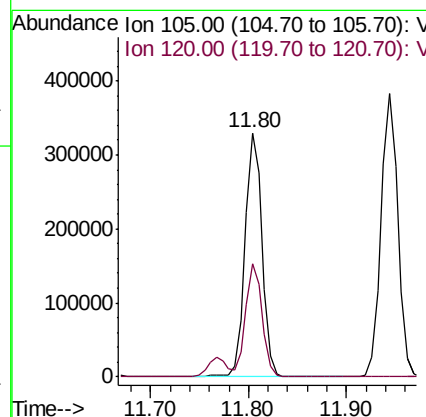
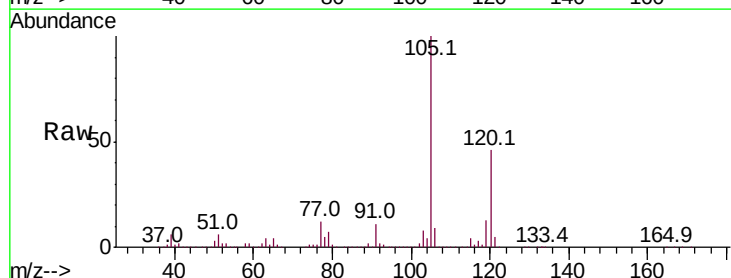
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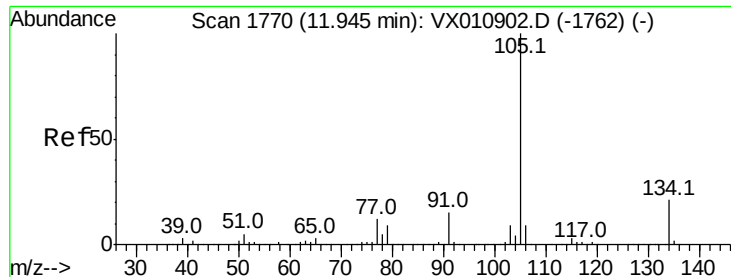
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.437 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	396224		
120	44.7	22.9	68.5	





#85

sec-Butylbenzene

Concen: 51.832 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 455931

Ion Ratio Lower Upper

105 100

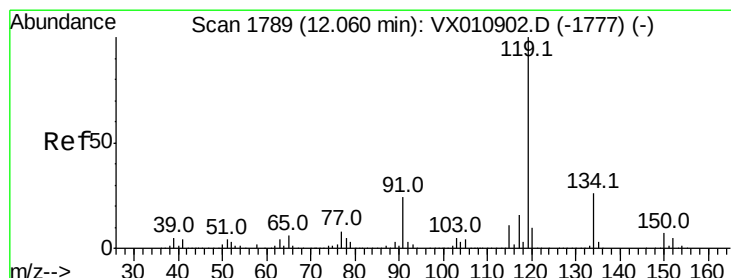
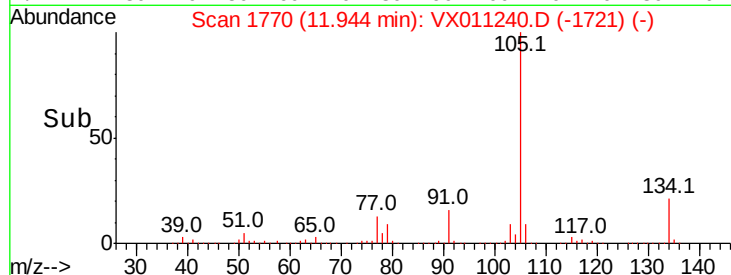
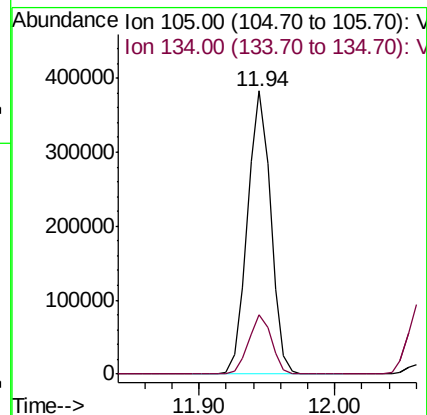
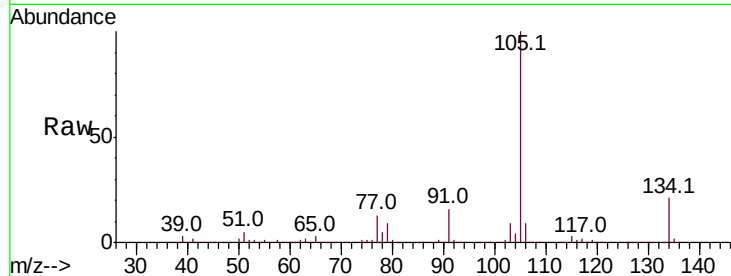
134 20.9 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.069 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

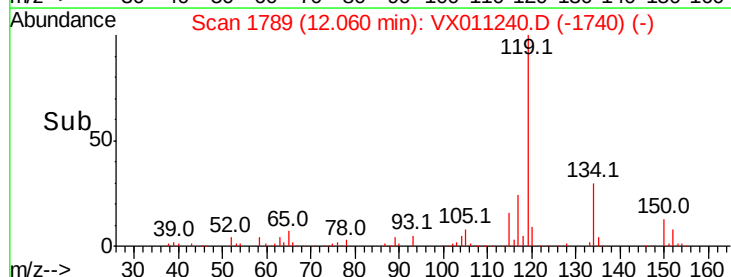
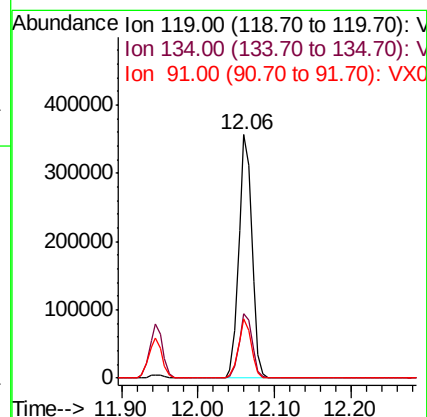
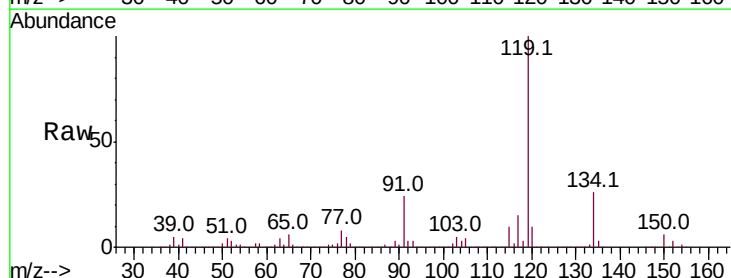
Tgt Ion:119 Resp: 423432

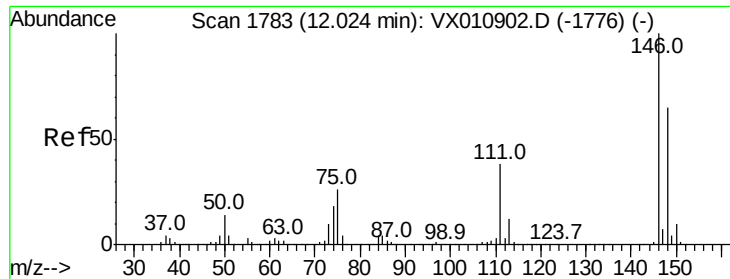
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.5 11.8 35.4





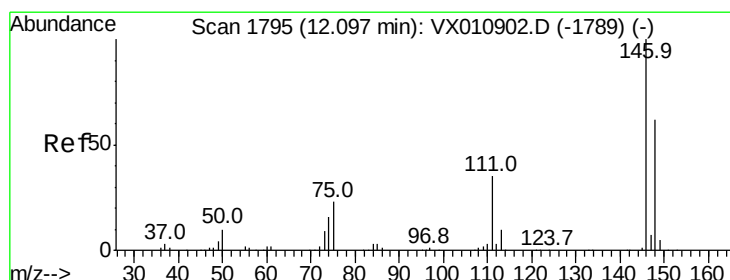
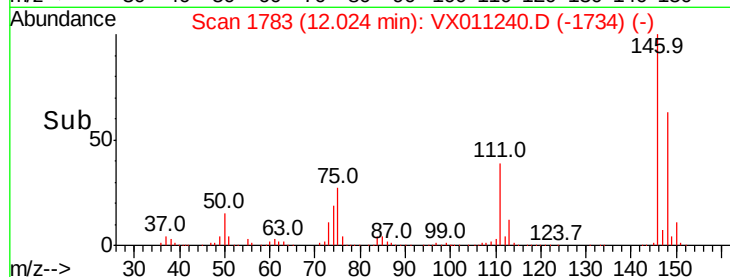
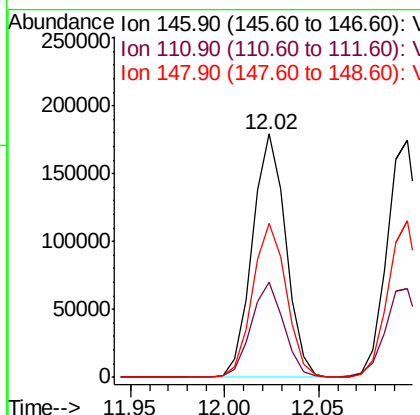
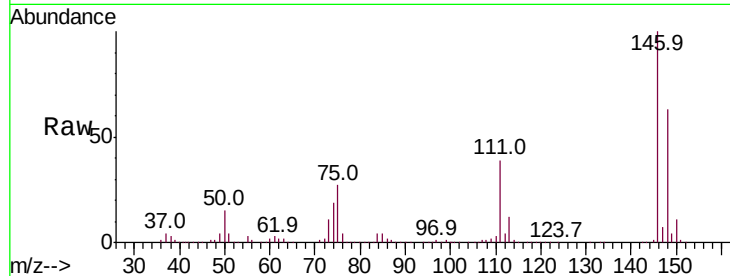
#87
 1,3-Dichlorobenzene
 Concen: 50.444 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.8	32.2	96.6

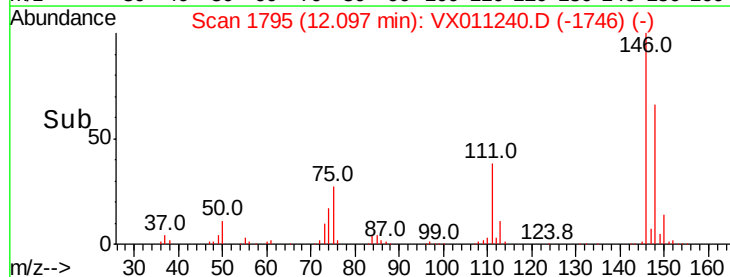
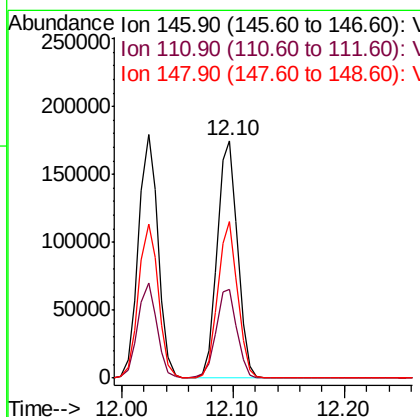
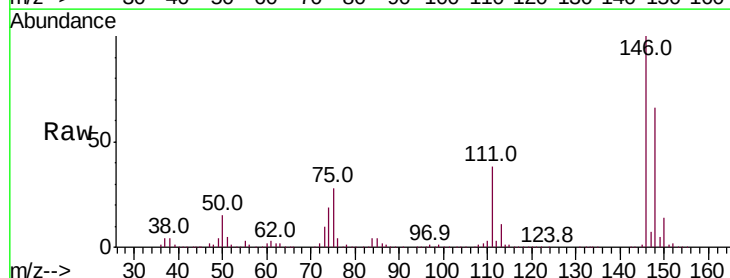
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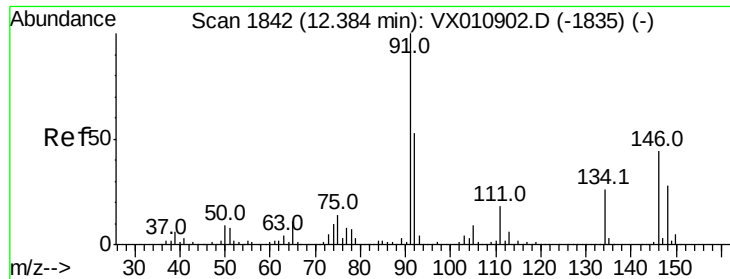
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#88
 1,4-Dichlorobenzene
 Concen: 49.170 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	63.9	31.6	94.7





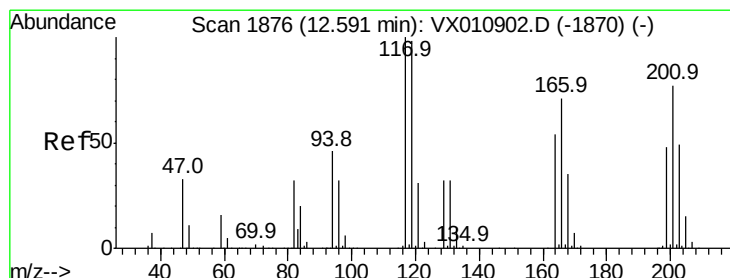
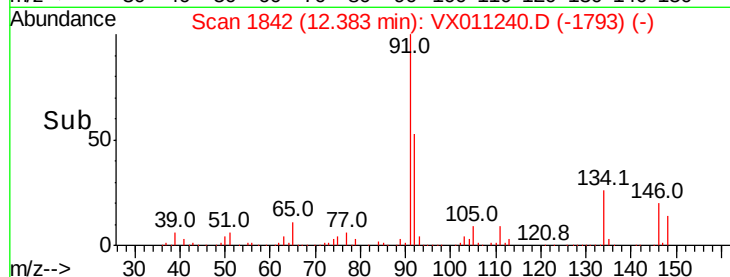
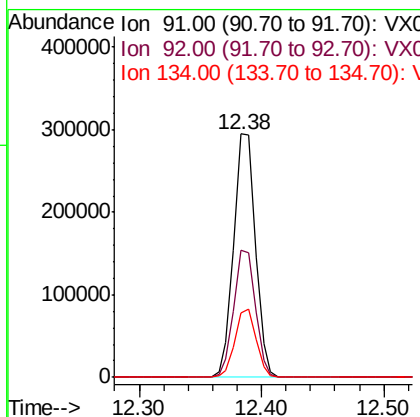
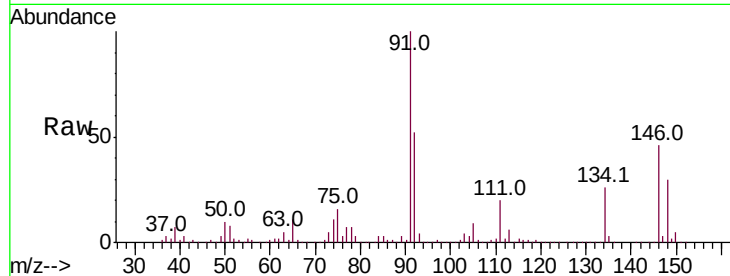
#89
n-Butylbenzene
Concen: 51.846 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	27.5	13.8	41.3

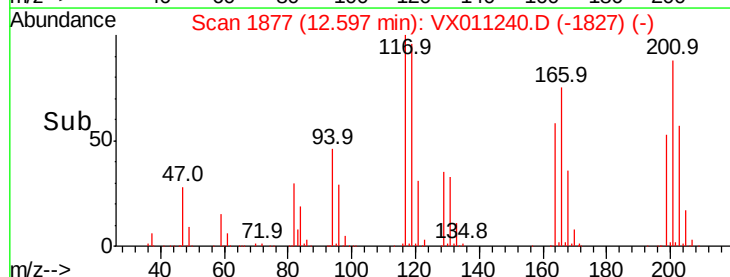
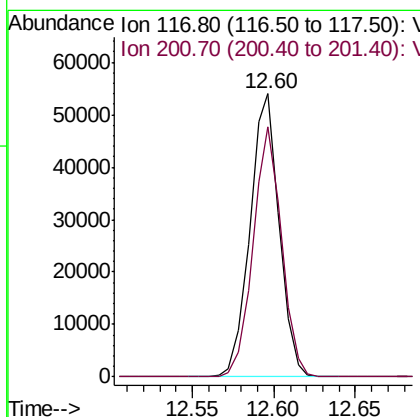
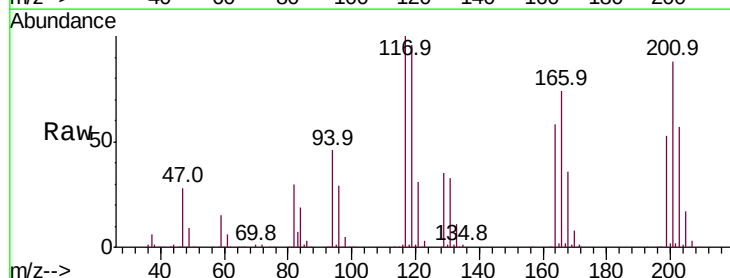
Manual Integrations
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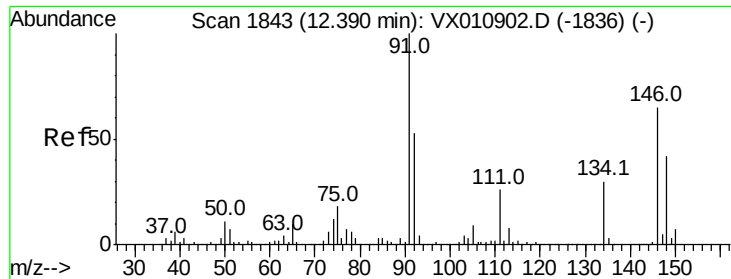
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#90
Hexachloroethane
Concen: 52.385 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	43.3	129.8





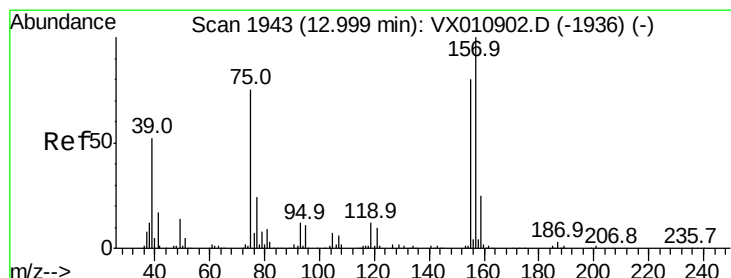
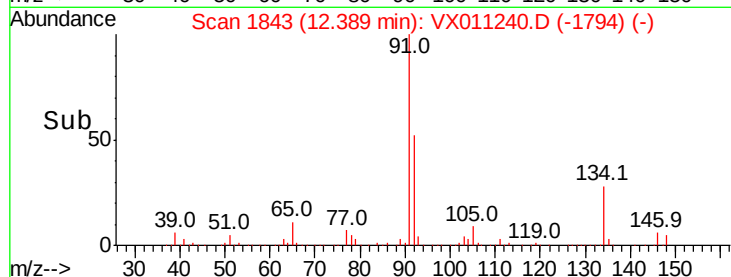
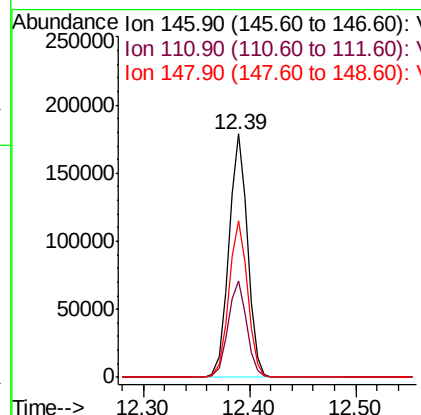
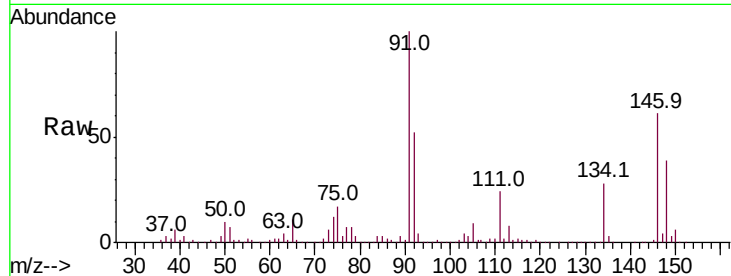
#91
 1,2-Dichlorobenzene
 Concen: 50.469 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.7	19.9	59.7	
148	64.7	32.0	96.2	

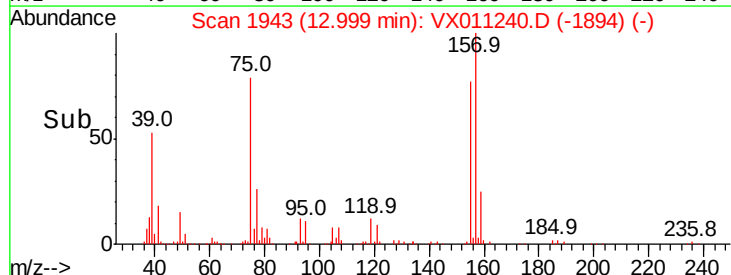
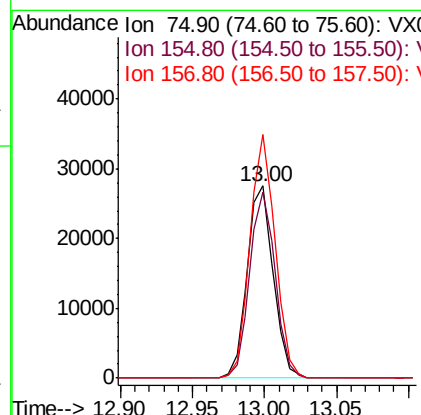
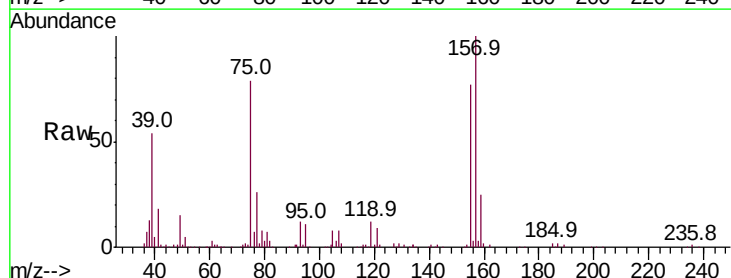
Manual Integrations
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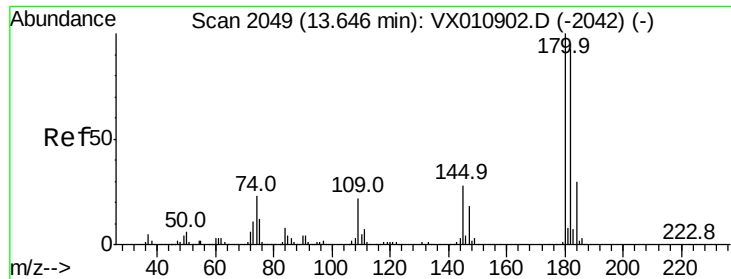
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.011 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	94.2	48.7	146.1	
157	121.6	62.5	187.6	





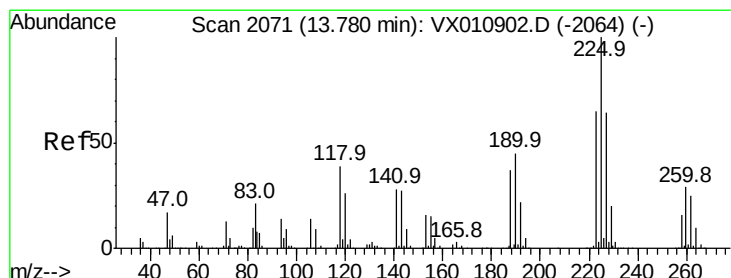
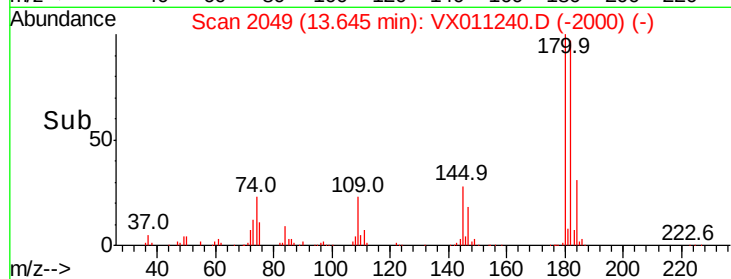
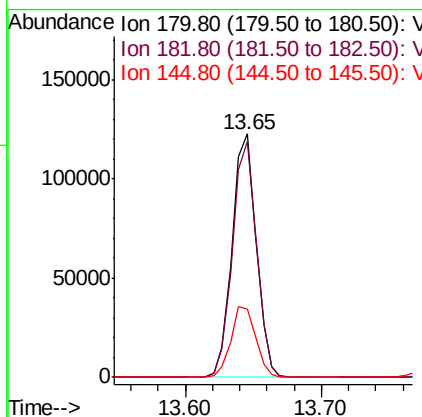
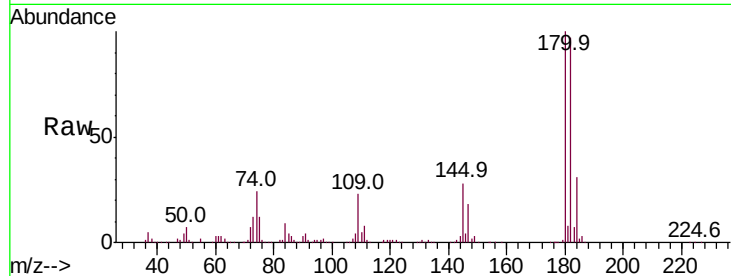
#93
 1,2,4-Trichlorobenzene
 Concen: 51.535 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151551		
182	96.7	47.1	141.3	
145	30.1	14.8	44.4	

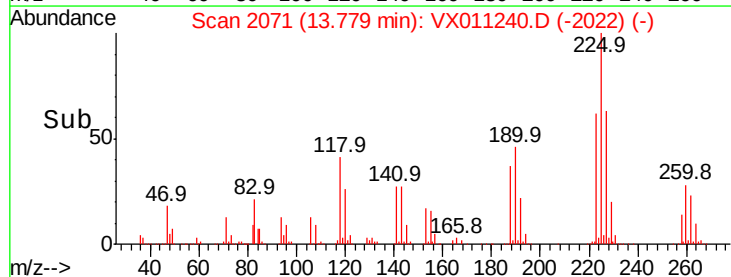
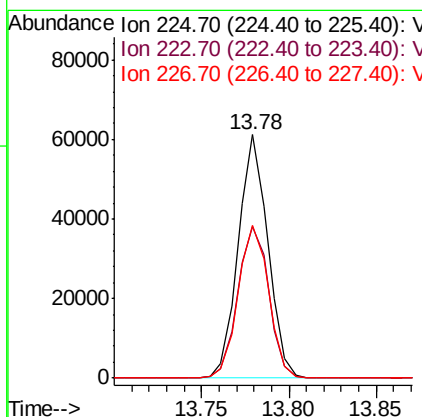
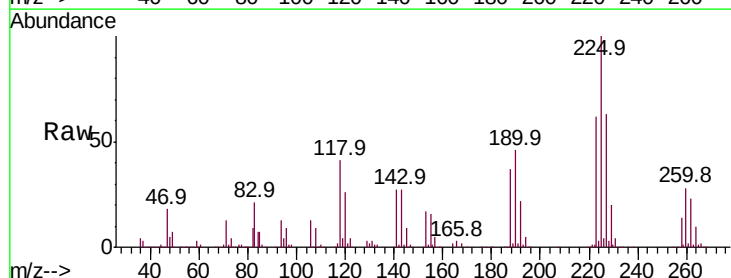
Manual Integrations
 APPROVED

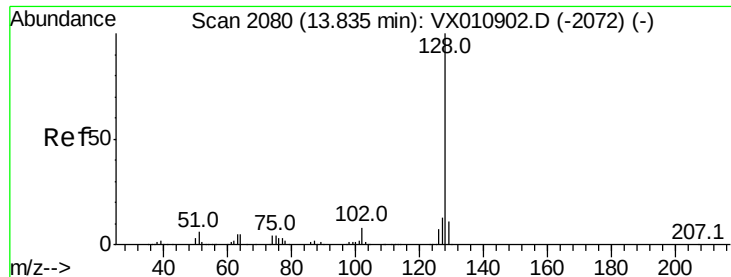
MMDadoda
 7/31/2019 10:49:43 AM



#94
 Hexachlorobutadiene
 Concen: 49.265 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71793		
223	65.2	31.9	95.9	
227	65.1	32.5	97.4	





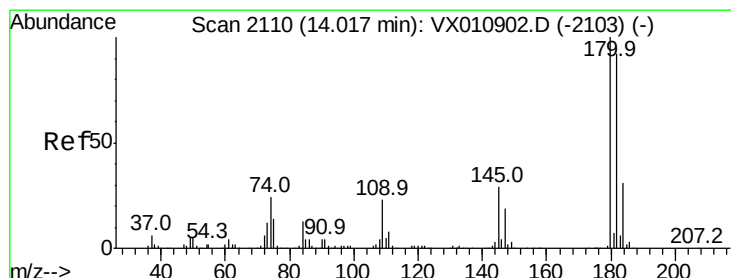
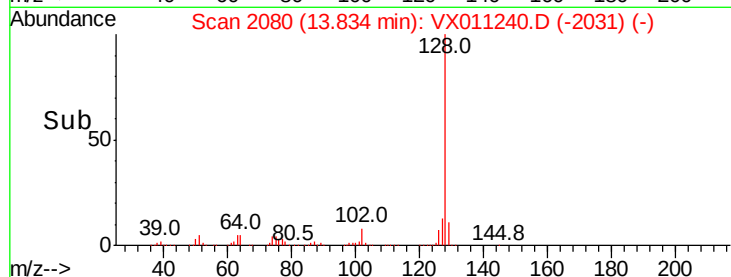
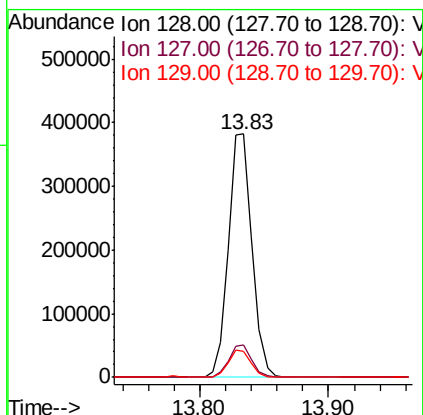
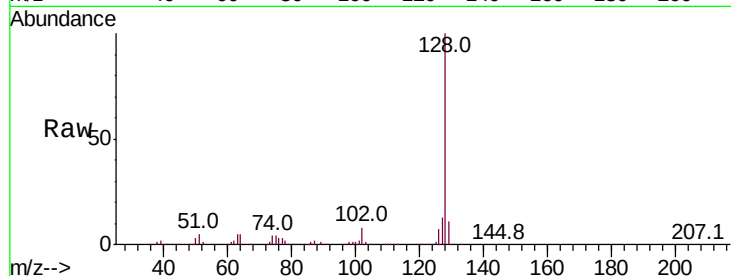
#95
Naphthalene
Concen: 56.692 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/31/2019 10:49:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.667 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.3
145	31.2	15.1	45.3

