

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073119\
 Data File : VX011242.D
 Acq On : 31 Jul 2019 14:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 11:19:50 AM

Quant Time: Jul 31 17:13:41 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	184081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	136217	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95780	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.49	113	85553	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	316771	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	124082	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86945	44.357	ug/l	97
3) Chloromethane	1.32	50	75029	44.322	ug/l	99
4) Vinyl Chloride	1.41	62	82375	47.708	ug/l	99
5) Bromomethane	1.64	94	46956	48.259	ug/l	98
6) Chloroethane	1.71	64	54329	49.513	ug/l	95
7) Trichlorofluoromethane	1.93	101	152181	52.067	ug/l	99
8) Diethyl Ether	2.19	74	50778	50.423	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87458	52.406	ug/l	97
10) Methyl Iodide	2.51	142	92587	42.277	ug/l	100
11) Tert butyl alcohol	3.04	59	98065	215.017	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77841	47.474	ug/l	100
13) Acrolein	2.29	56	80596	305.859	ug/l	99
14) Allyl chloride	2.73	41	115474	48.484	ug/l	100
15) Acrylonitrile	3.14	53	224537	243.640	ug/l	99
16) Acetone	2.44	43	217407	245.802	ug/l	95
17) Carbon Disulfide	2.57	76	163626	38.903	ug/l	100
18) Methyl Acetate	2.77	43	107286	53.270	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	265152	50.234	ug/l	99
20) Methylene Chloride	2.85	84	89531	47.765	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	81361	46.766	ug/l	97
22) Diisopropyl ether	3.85	45	257048	51.173	ug/l	96
23) Vinyl Acetate	3.81	43	1074676	252.507	ug/l	99
24) 1,1-Dichloroethane	3.70	63	144695	49.601	ug/l	99
25) 2-Butanone	4.67	43	316739	249.467	ug/l	98
26) 2,2-Dichloropropane	4.58	77	119362	49.833	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	97895	48.620	ug/l	99
28) Bromochloromethane	5.01	49	70832	51.527	ug/l	98
29) Tetrahydrofuran	5.12	42	193669	240.806	ug/l	99
30) Chloroform	5.21	83	159585	50.612	ug/l	99
31) Cyclohexane	5.57	56	126735	47.663	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	139000	50.954	ug/l	100
36) 1,1-Dichloropropene	5.79	75	111616	51.352	ug/l	99
37) Ethyl Acetate	4.83	43	112939	50.745	ug/l	99
38) Carbon Tetrachloride	5.78	117	121567	53.674	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143972	51.078	ug/l	99
40) Benzene	6.14	78	342180	51.394	ug/l	99
41) Methacrylonitrile	5.04	41	64459	51.019	ug/l	97
42) 1,2-Dichloroethane	6.19	62	122842	53.065	ug/l	99
43) Isopropyl Acetate	6.44	43	190000	51.918	ug/l	98
44) Trichloroethene	7.21	130	100389	50.939	ug/l	93
45) 1,2-Dichloropropane	7.51	63	88105	51.992	ug/l	98
46) Dibromomethane	7.66	93	64160	52.986	ug/l	98
47) Bromodichloromethane	7.90	83	119778	55.569	ug/l	99
48) Methyl methacrylate	7.76	41	93107	52.226	ug/l	97
49) 1,4-Dioxane	7.73	88	49279	988.178	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	645863	272.252	ug/l	99
52) Toluene	8.78	92	226492	51.784	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	128840	55.590	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	139407	54.055	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95887	53.244	ug/l	98
56) Ethyl methacrylate	9.18	69	144290	54.774	ug/l	99
57) 1,3-Dichloropropane	9.37	76	151707	53.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	349471	277.908	ug/l	99
59) 2-Hexanone	9.49	43	500544	272.035	ug/l	99
60) Dibromochloromethane	9.58	129	104913	50.587	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104083	54.459	ug/l	99
64) Tetrachloroethene	9.34	164	100955	51.840	ug/l	99
65) Chlorobenzene	10.13	112	260274	51.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	97230	54.410	ug/l	99
67) Ethyl Benzene	10.25	91	455539	52.636	ug/l	100
68) m/p-Xylenes	10.35	106	352476	106.175	ug/l	99
69) o-Xylene	10.69	106	170823	52.724	ug/l	99
70) Styrene	10.71	104	295958	54.797	ug/l	99
71) Bromoform	10.85	173	78426	48.293	ug/l #	99
73) Isopropylbenzene	11.02	105	473455	51.439	ug/l	100
74) N-amyl acetate	10.90	43	176380	50.153	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154167	51.182	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	129453m	52.664	ug/l	
77) Bromobenzene	11.26	156	126382	49.780	ug/l	98
78) n-propylbenzene	11.36	91	536932	52.796	ug/l	99
79) 2-Chlorotoluene	11.42	91	312369	51.130	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	401687	52.228	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44593	46.283	ug/l	96
82) 4-Chlorotoluene	11.51	91	372787	52.427	ug/l	100
83) tert-Butylbenzene	11.77	119	398188	52.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	406081	52.386	ug/l	99
85) sec-Butylbenzene	11.94	105	476959	53.882	ug/l	100
86) p-Isopropyltoluene	12.06	119	447010	54.623	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	230119	52.229	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	232574	51.469	ug/l	98
89) n-Butylbenzene	12.38	91	388329	55.466	ug/l	100
90) Hexachloroethane	12.60	117	69590	53.914	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	228428	52.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32940	52.317	ug/l	94

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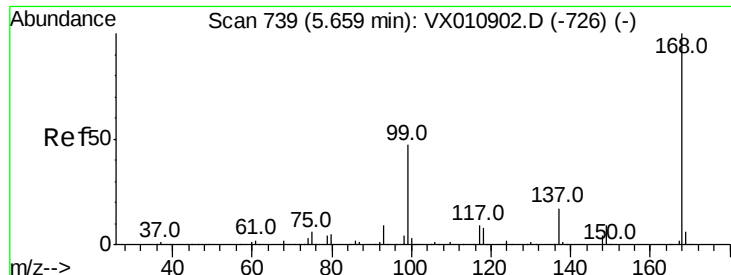
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157370	53.178	ug/l	98
94) Hexachlorobutadiene	13.78	225	81555	55.613	ug/l	99
95) Naphthalene	13.83	128	481917	55.148	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159324	54.110	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 184081

Ion Ratio Lower Upper

168 100

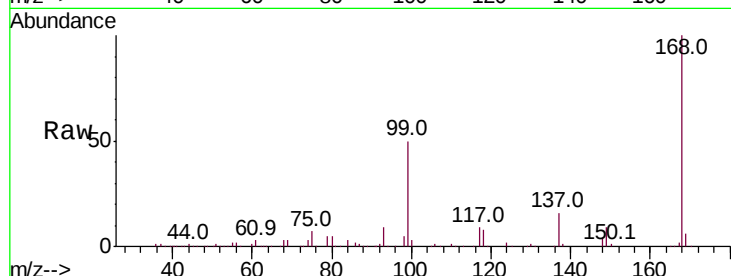
99 50.2 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

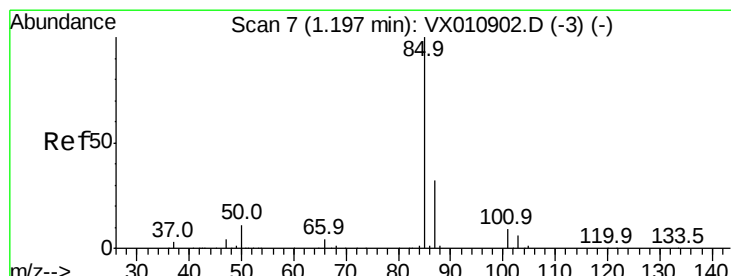
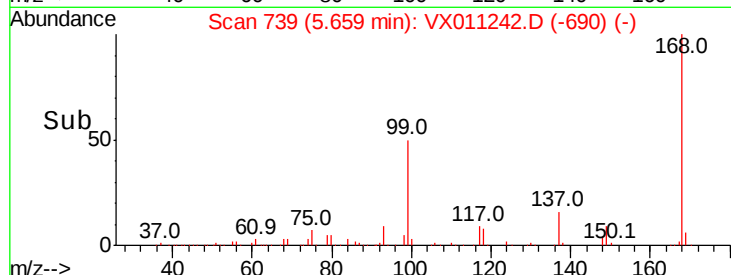
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.357 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011242.D

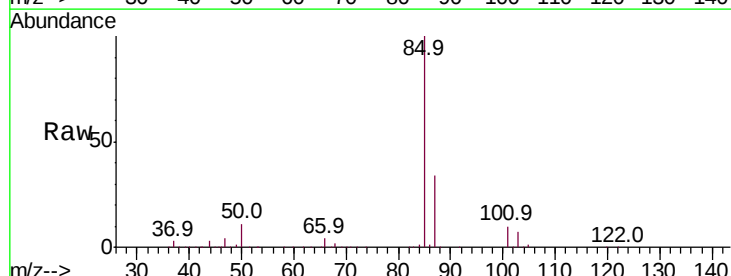
Acq: 31 Jul 2019 14:05

Tgt Ion: 85 Resp: 86945

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

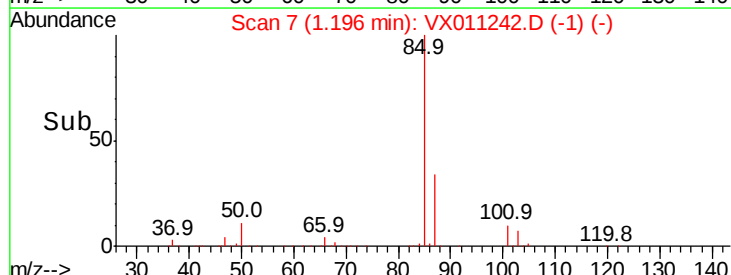
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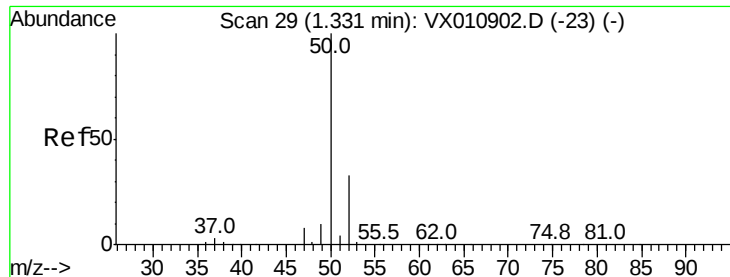
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.322 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 75029

Ion Ratio Lower Upper

50 100

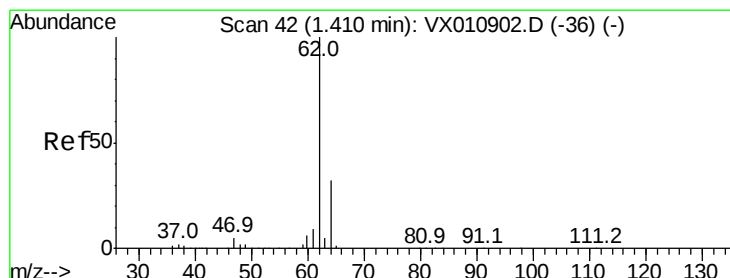
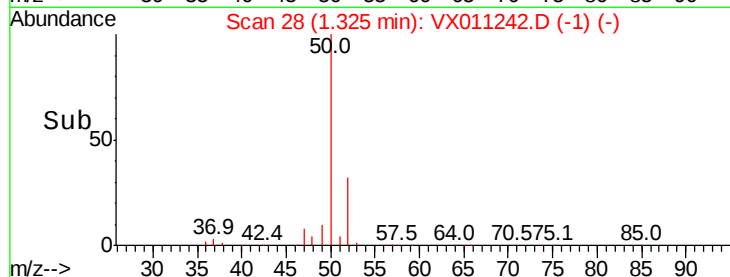
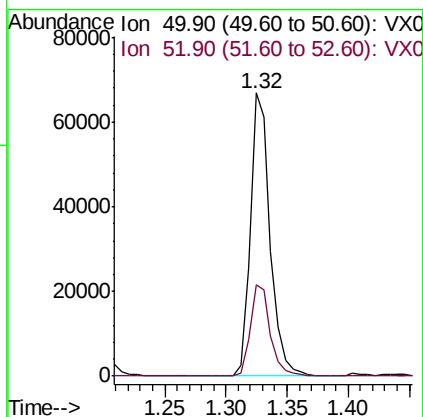
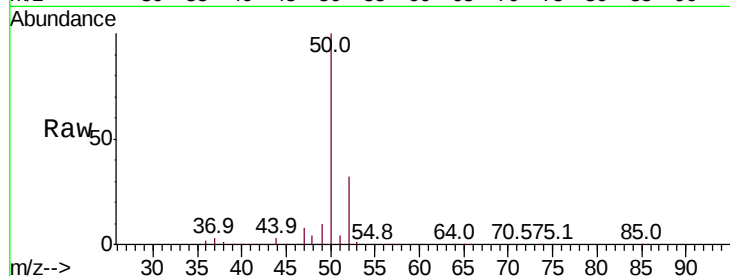
52 32.2 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.708 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011242.D

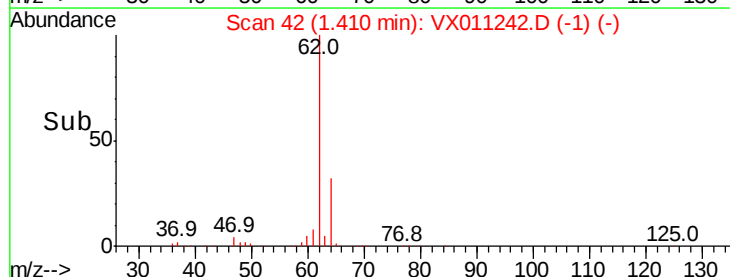
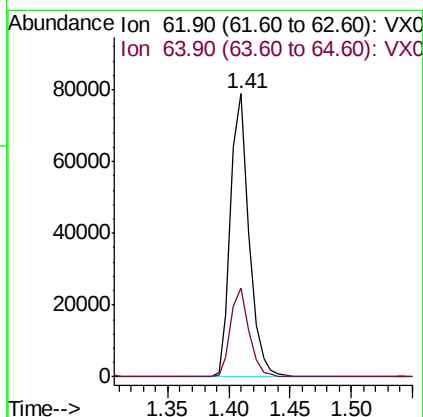
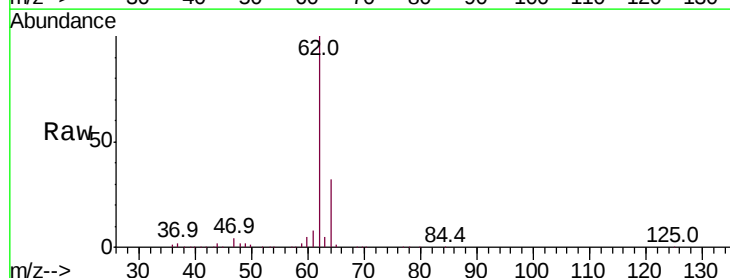
Acq: 31 Jul 2019 14:05

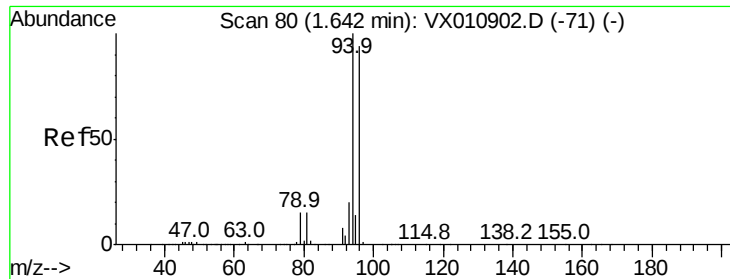
Tgt Ion: 62 Resp: 82375

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 48.259 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 46956

Ion Ratio Lower Upper

94 100

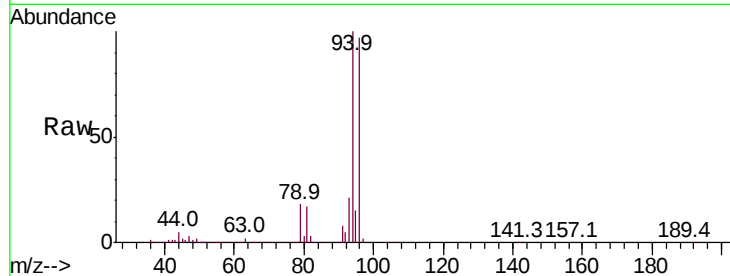
96 96.6 75.6 113.4

Manual Integrations

APPROVED

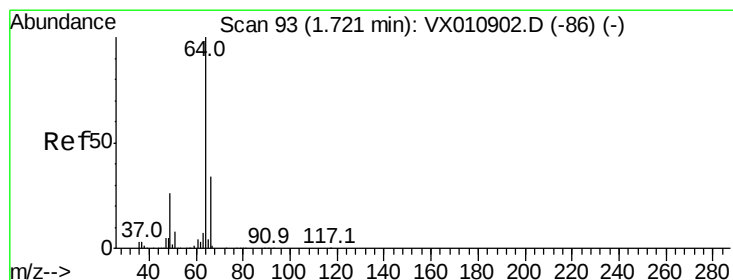
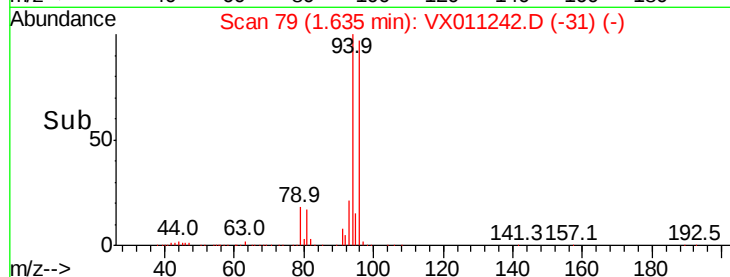
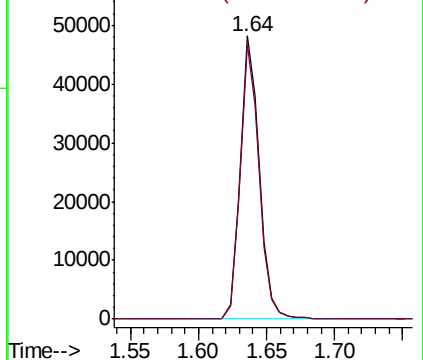
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.513 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011242.D

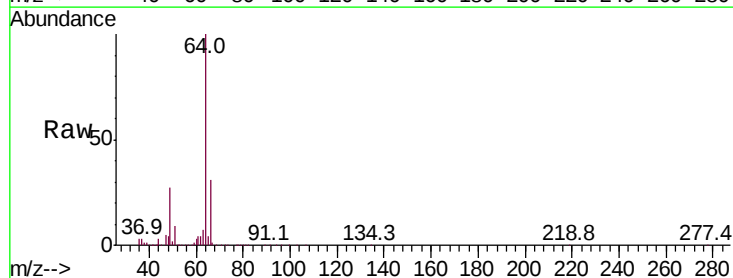
Acq: 31 Jul 2019 14:05

Tgt Ion: 64 Resp: 54329

Ion Ratio Lower Upper

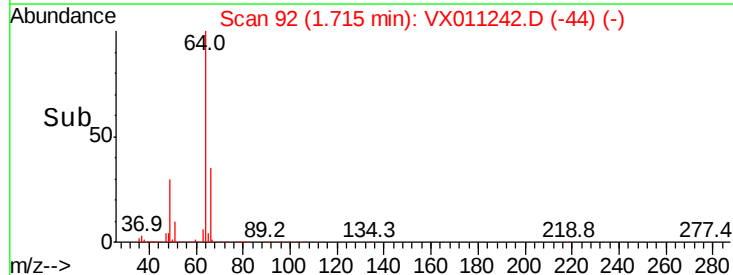
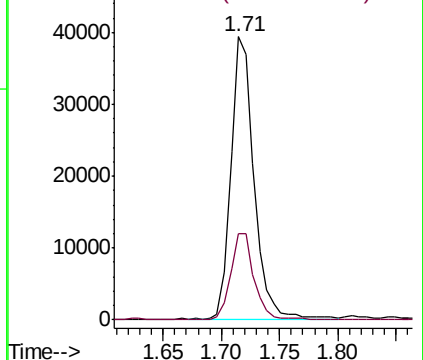
64 100

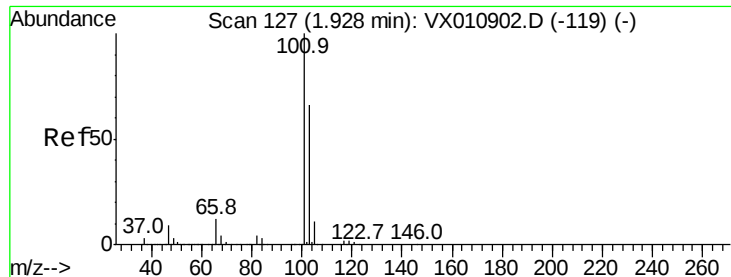
66 30.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

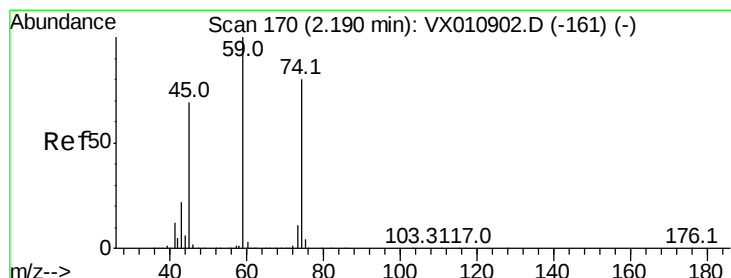
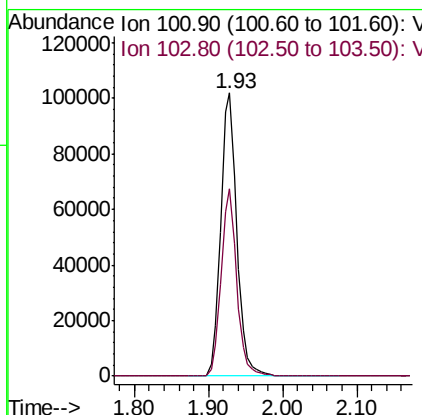
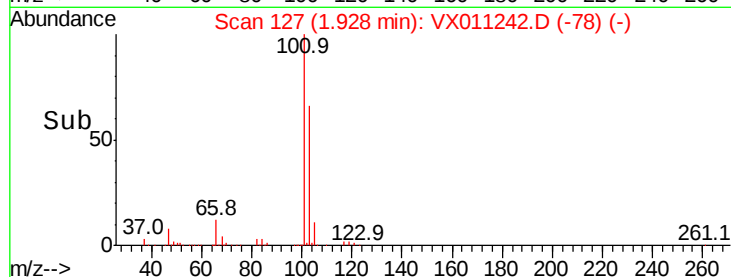
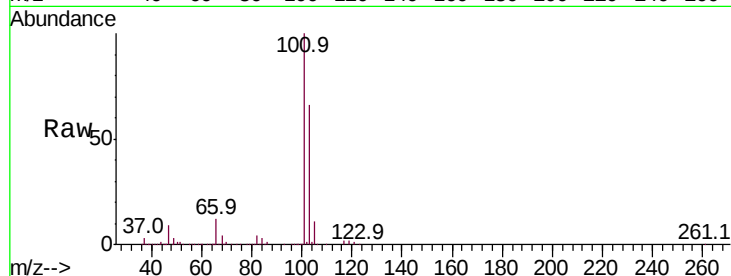
Trichlorofluoromethane
 Concen: 52.067 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.6	78.8

Manual Integrations
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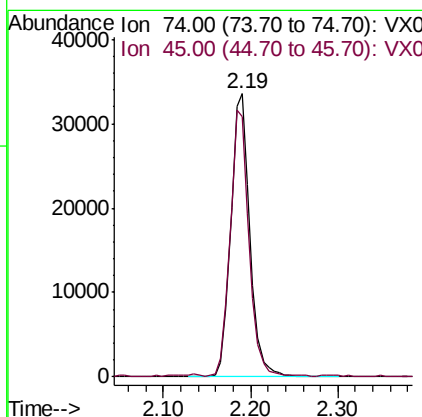
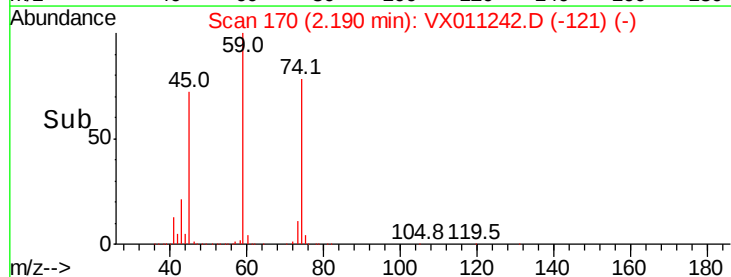
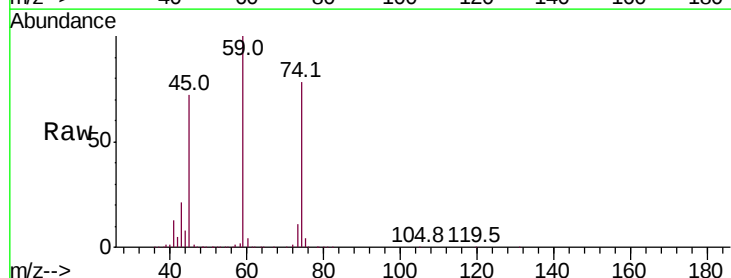
MMdadoda
 8/1/2019 11:19:50 AM

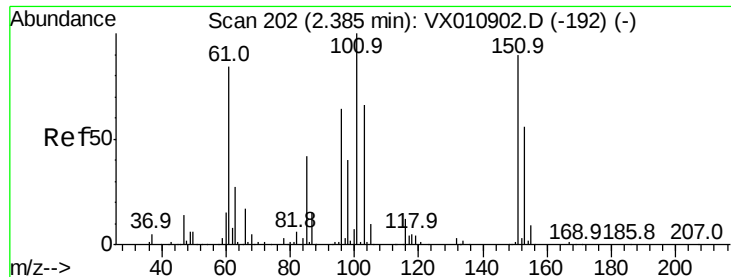


#8

Diethyl Ether
 Concen: 50.423 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.406 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

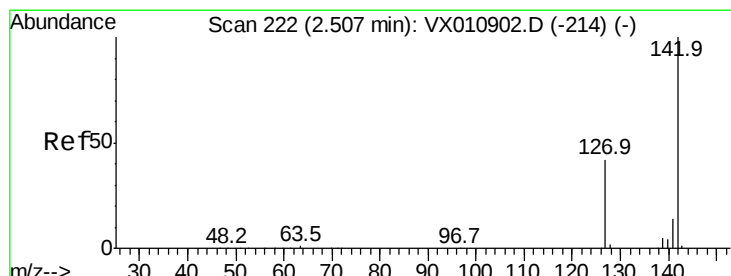
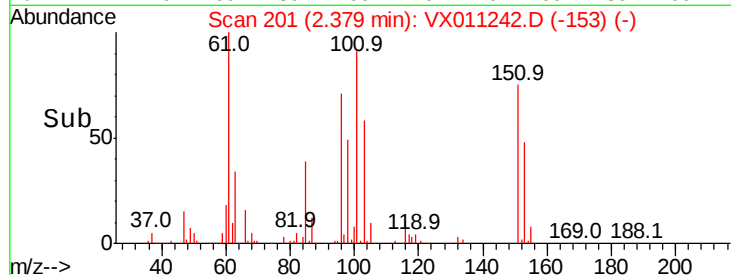
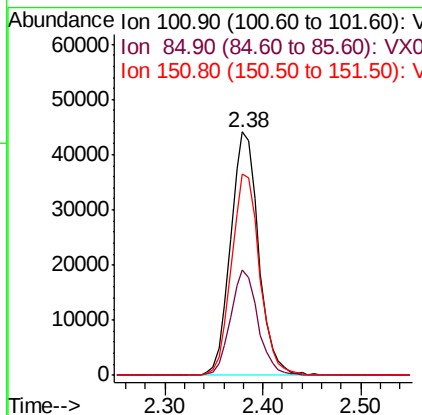
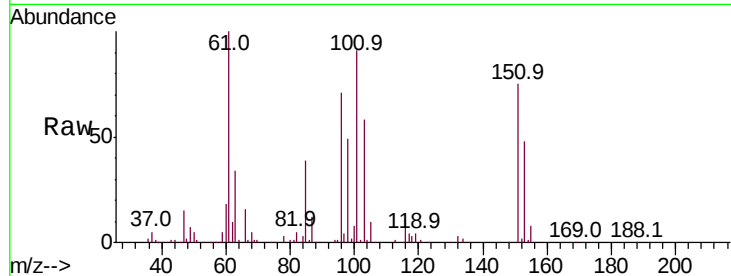
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	87458
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.6	52.0
151	83.6	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 42.277 ug/l

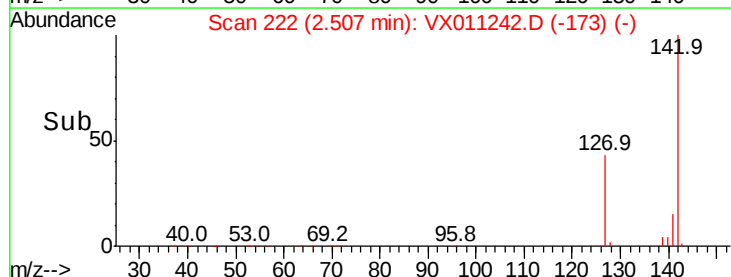
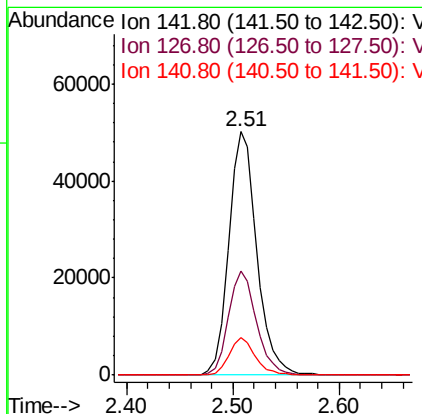
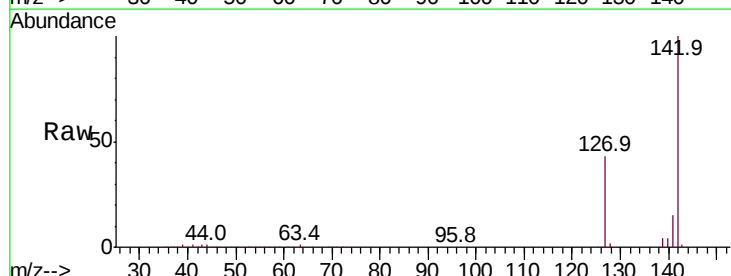
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Tgt Ion:	142	Resp:	92587
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.2	51.4
141	14.4	11.7	17.5





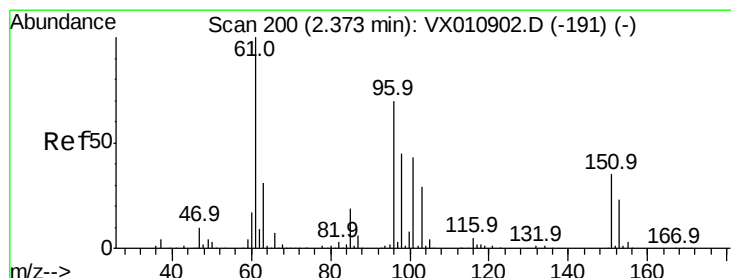
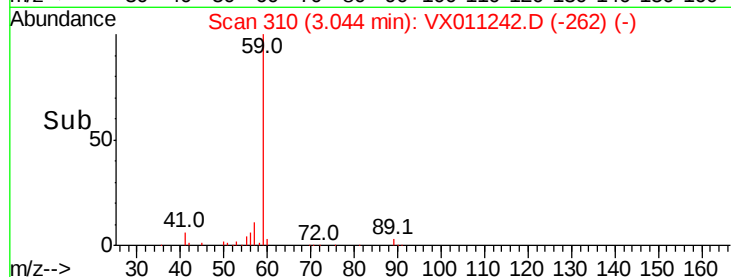
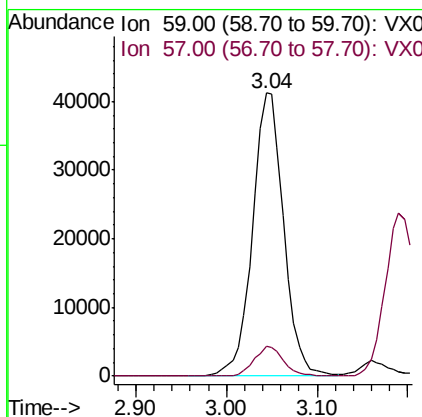
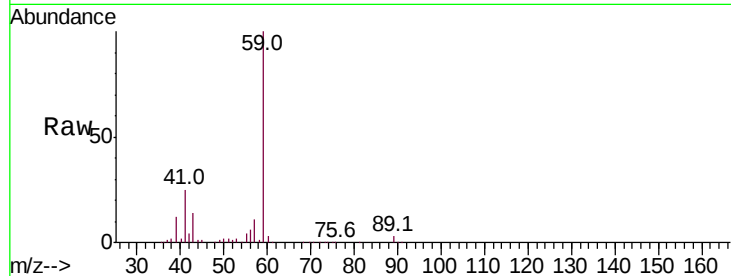
#11
Tert butyl alcohol
Concen: 215.017 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 98065
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

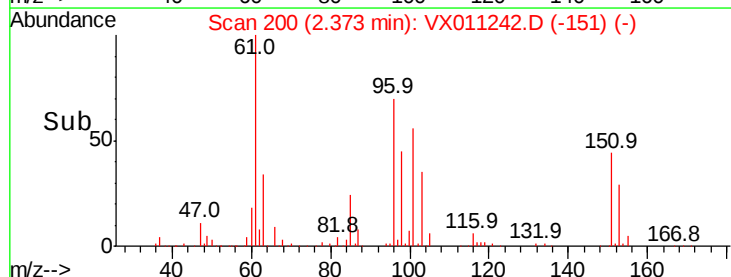
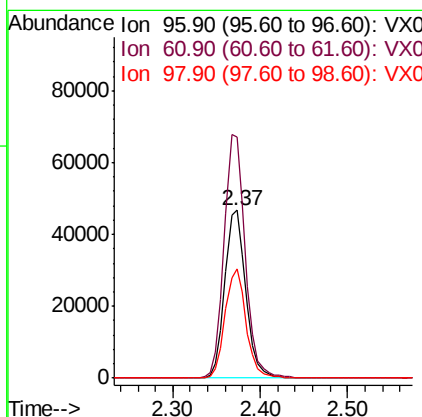
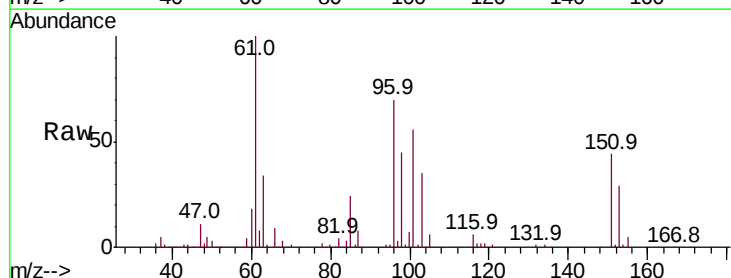
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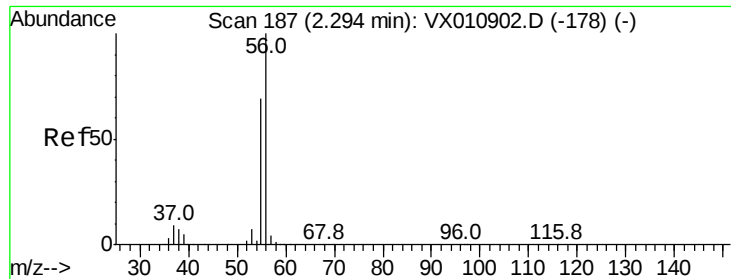
MMdadoda
8/1/2019 11:19:50 AM



#12
1,1-Dichloroethene
Concen: 47.474 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion: 96 Resp: 77841
Ion Ratio Lower Upper
96 100
61 143.8 115.0 172.4
98 65.0 52.2 78.2





#13

Acrolein

Concen: 305.859 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 80596

Ion Ratio Lower Upper

56 100

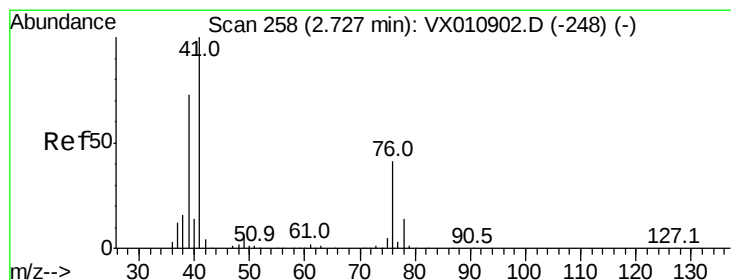
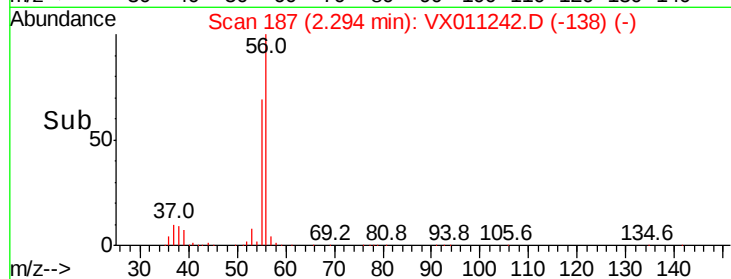
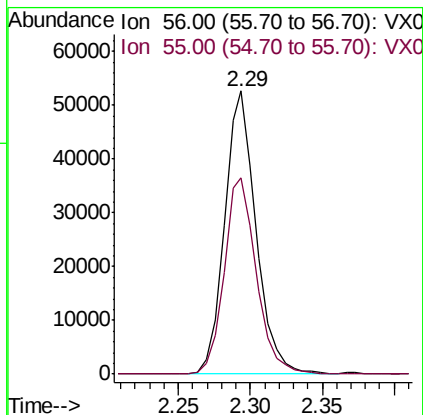
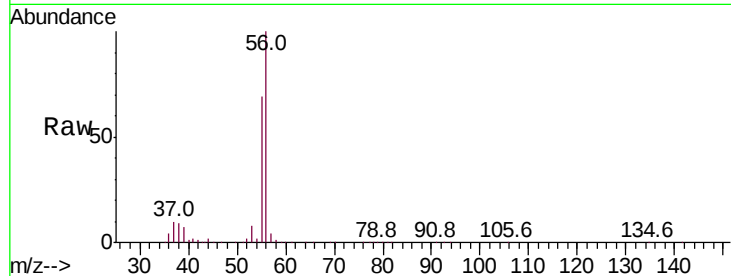
55 71.0 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 48.484 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

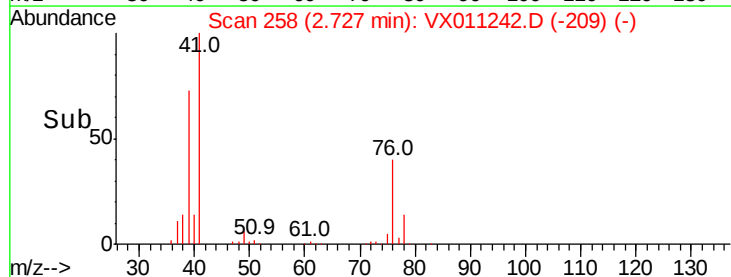
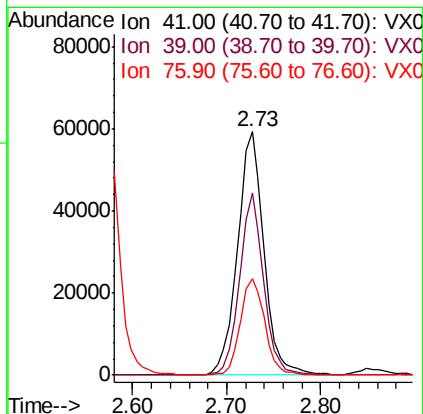
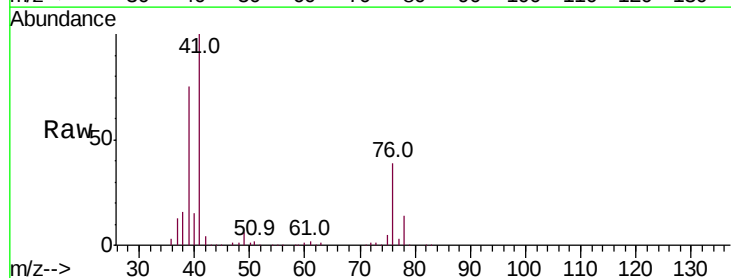
Tgt Ion: 41 Resp: 115474

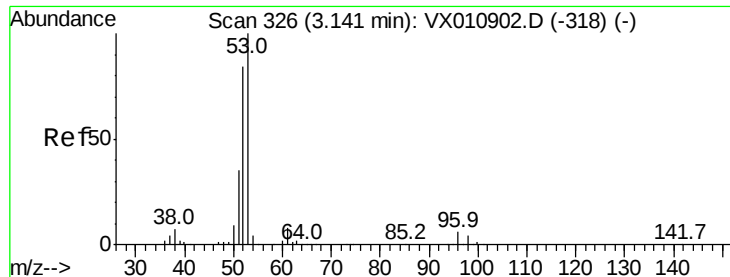
Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 37.0 29.7 44.5





#15

Acrylonitrile

Concen: 243.640 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

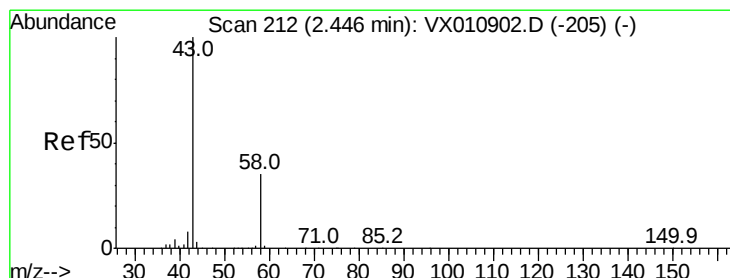
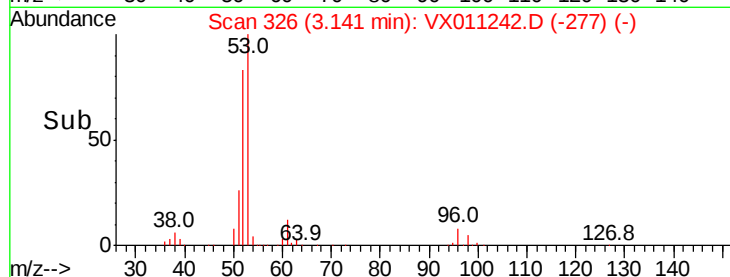
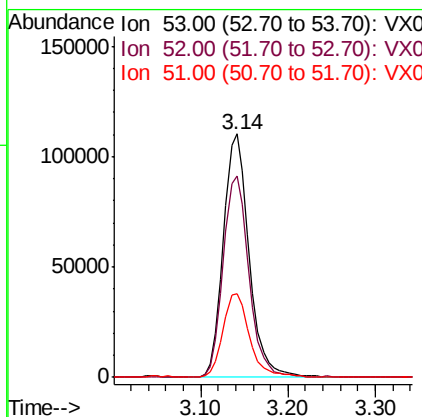
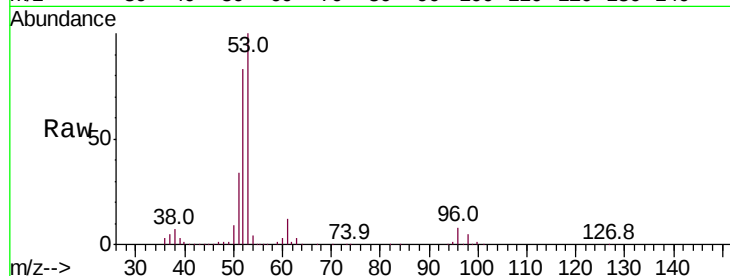
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	224537
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.5	99.7
51	35.9	28.2	42.4

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#16

Acetone

Concen: 245.802 ug/l

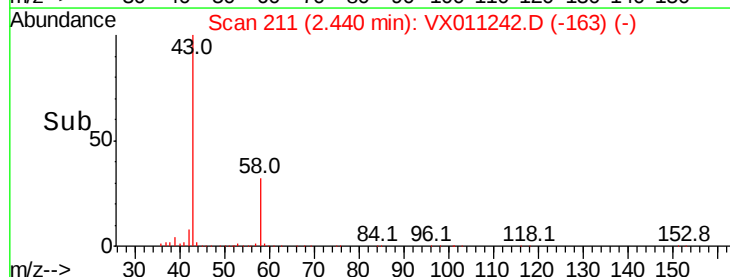
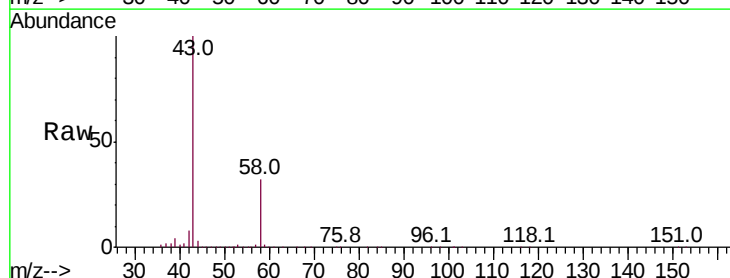
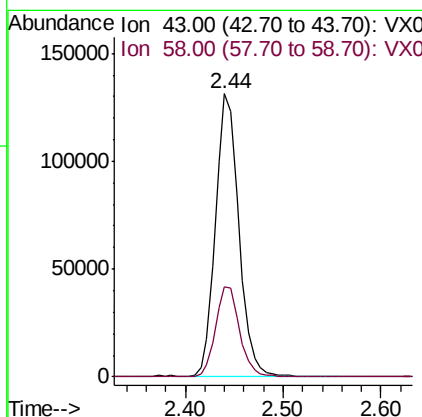
RT: 2.44 min Scan# 211

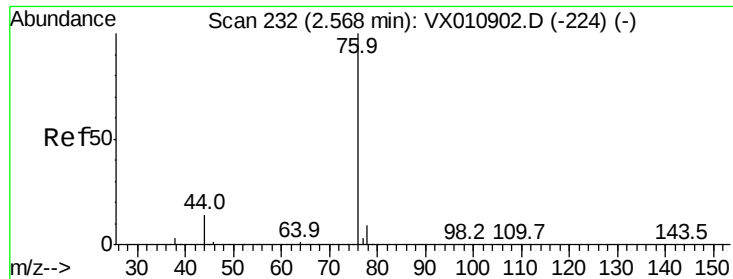
Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Tgt Ion:	43	Resp:	217407
Ion Ratio	Lower	Upper	
43	100		
58	31.7	27.7	41.5





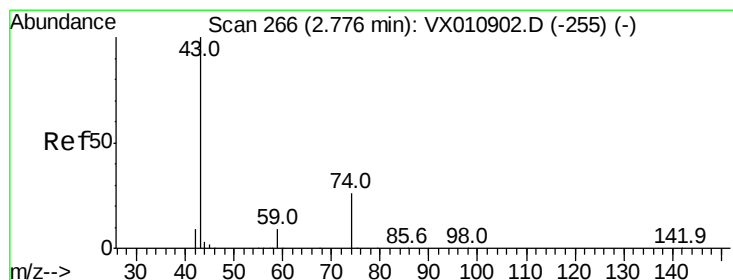
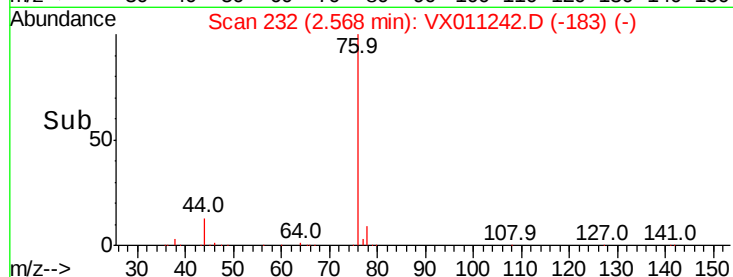
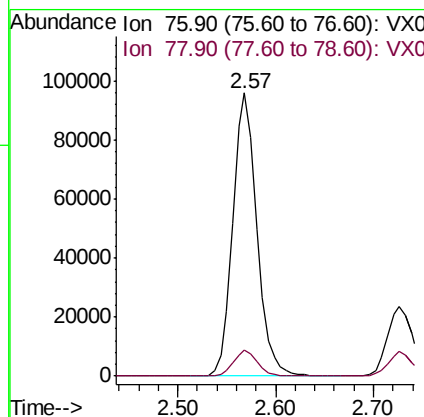
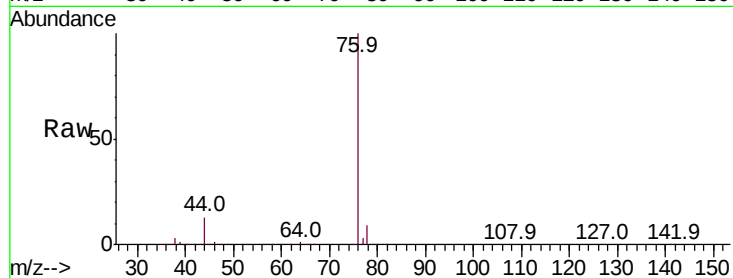
#17
Carbon Disulfide
Concen: 38.903 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

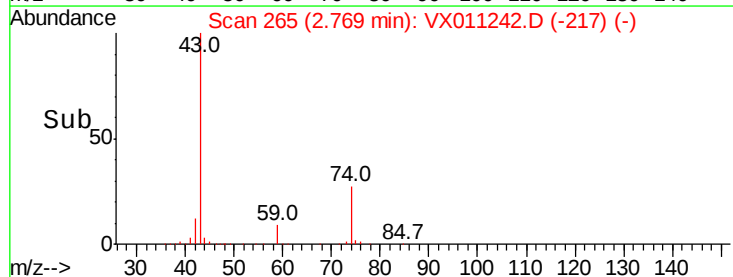
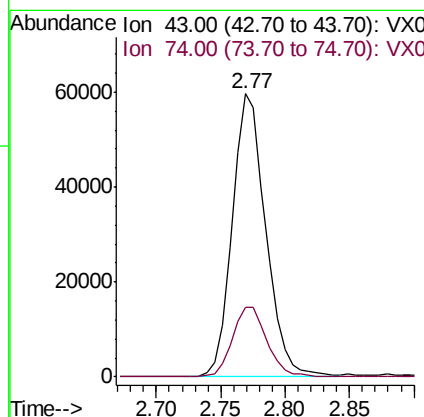
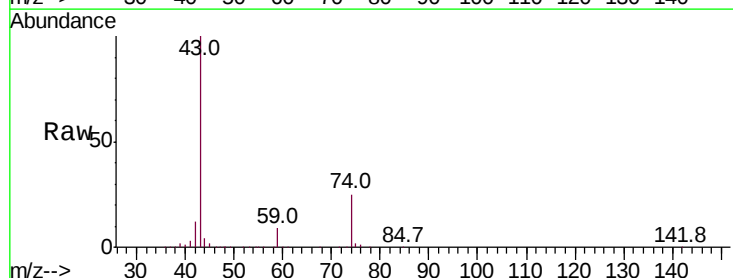
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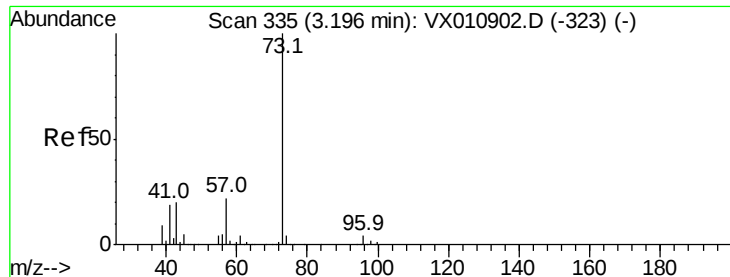
MMdadoda
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#18
Methyl Acetate
Concen: 53.270 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.5	32.3





#19

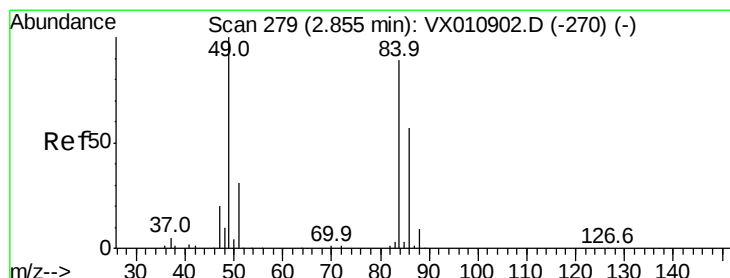
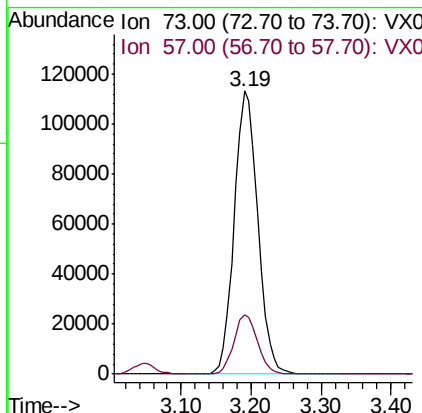
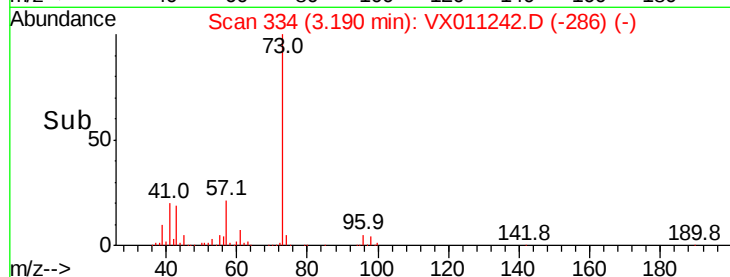
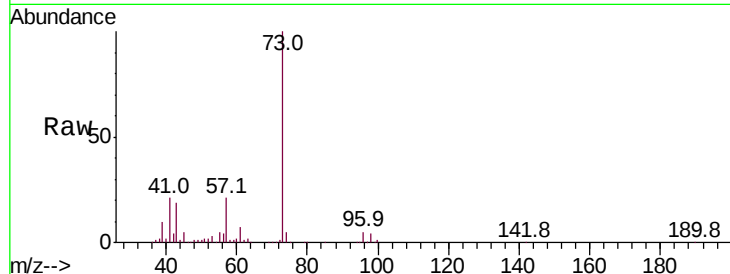
Methyl tert-butyl Ether
 Concen: 50.234 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.3	25.9

Manual Integrations
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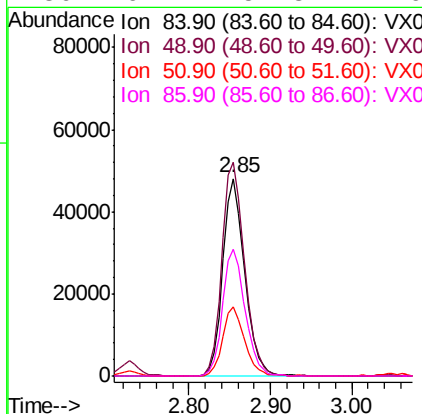
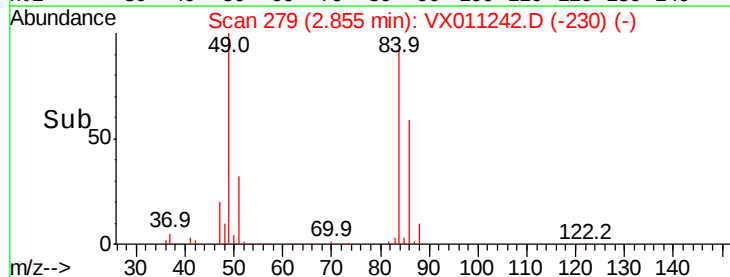
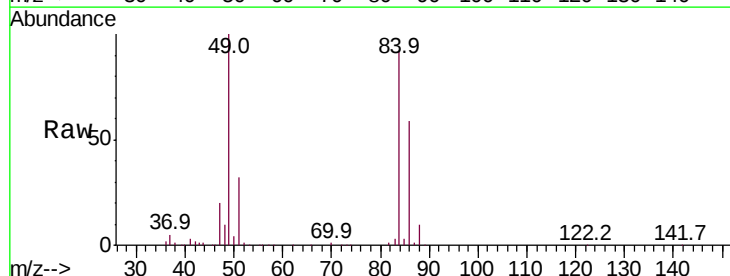
MMDadoda
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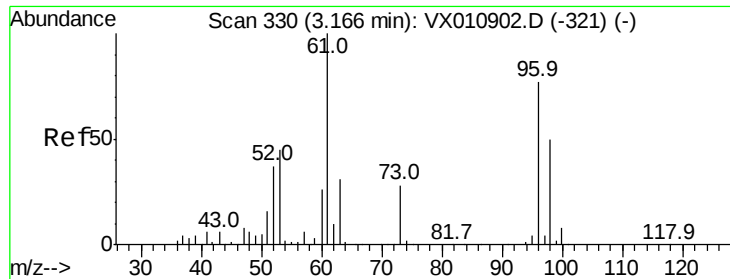


#20

Methylene Chloride
 Concen: 47.765 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.0	89.9	134.9
51	35.1	27.8	41.6
86	64.2	51.8	77.6





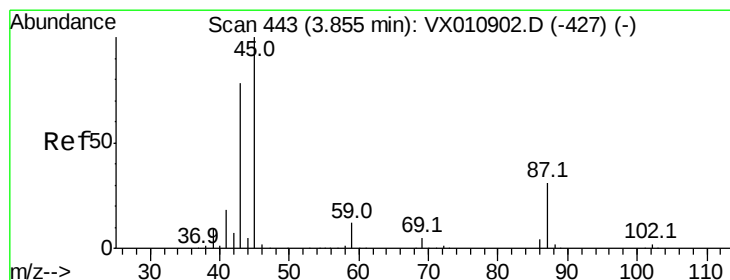
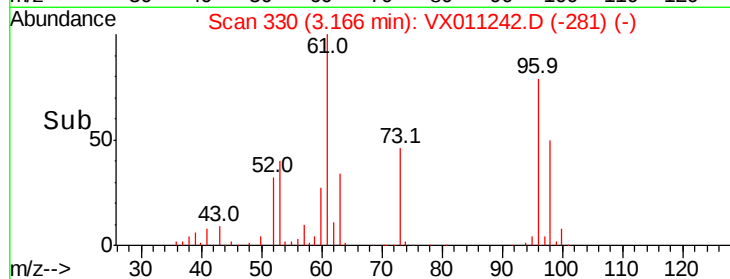
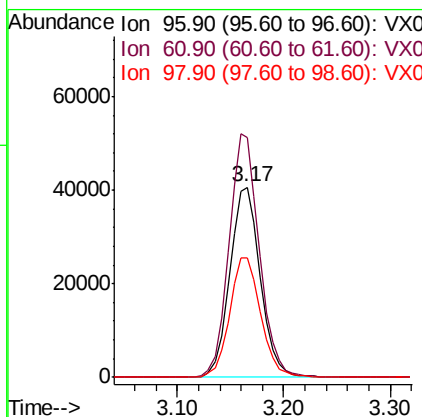
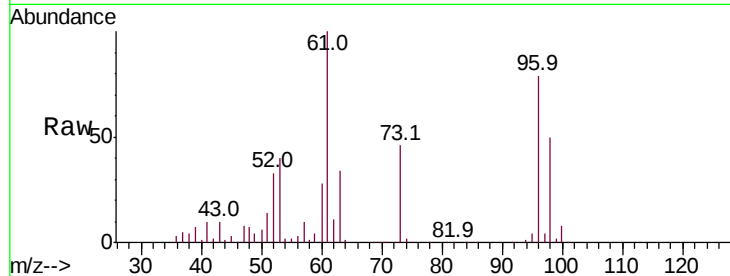
#21
trans-1,2-Dichloroethene
Concen: 46.766 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	104.2	156.2
98	63.0	52.2	78.4

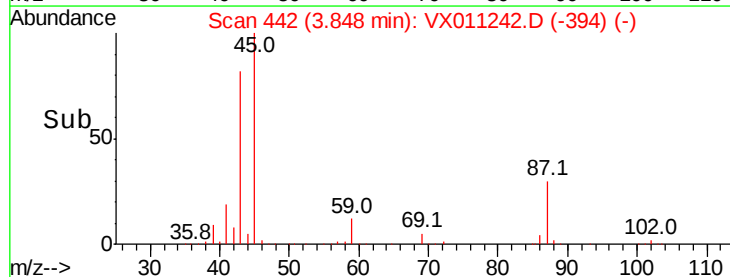
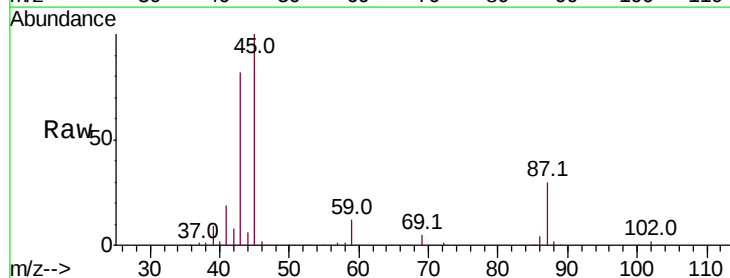
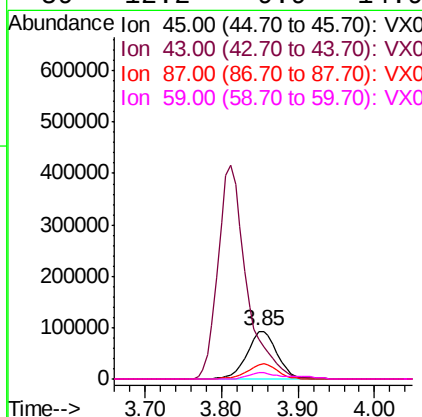
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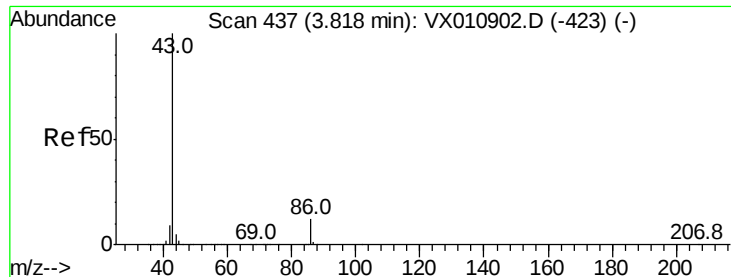
MMDadoda
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#22
Diisopropyl ether
Concen: 51.173 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	82.2	62.3	93.5
87	30.2	25.0	37.4
59	12.2	9.9	14.9





#23

Vinyl Acetate

Concen: 252.507 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1074676

Ion Ratio Lower Upper

43 100

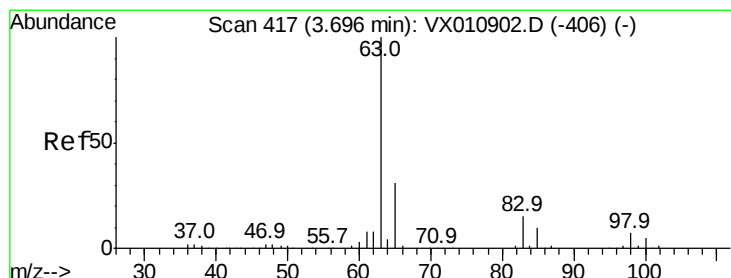
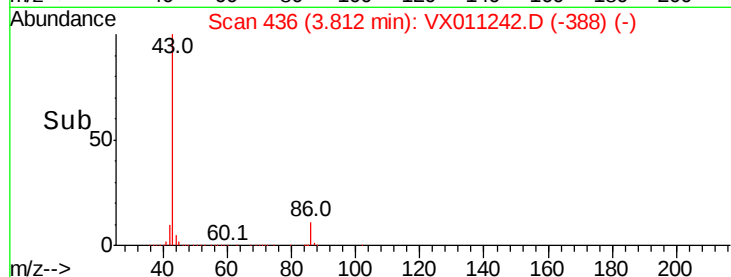
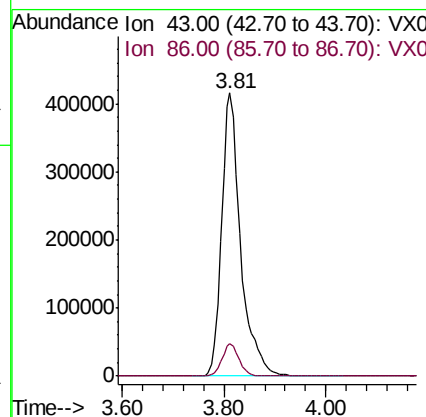
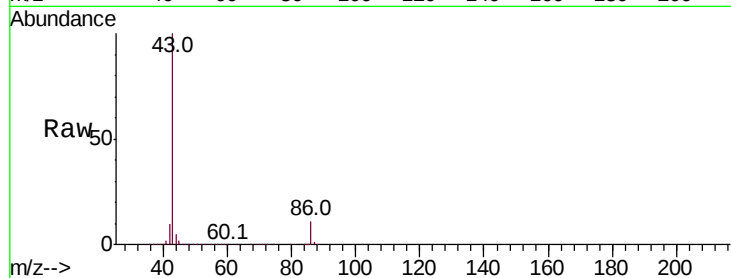
86 11.3 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 49.601 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

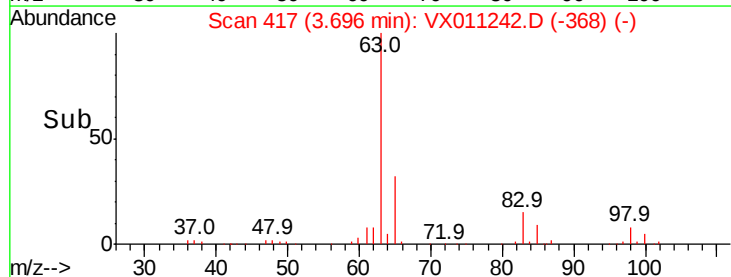
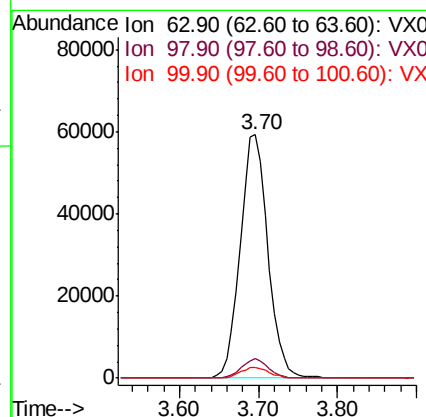
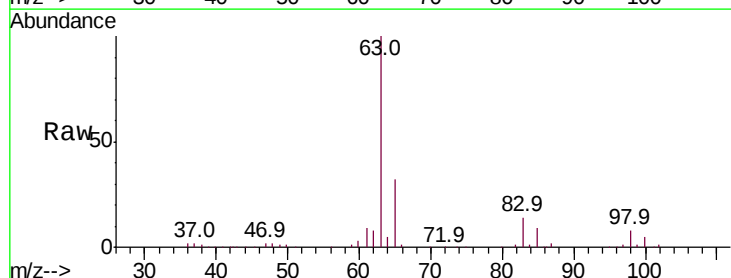
Tgt Ion: 63 Resp: 144695

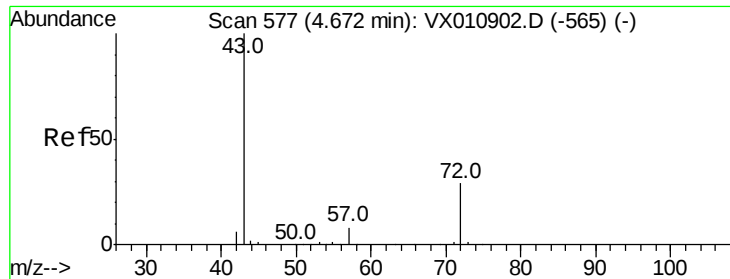
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 249.467 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 316739

Ion Ratio Lower Upper

43 100

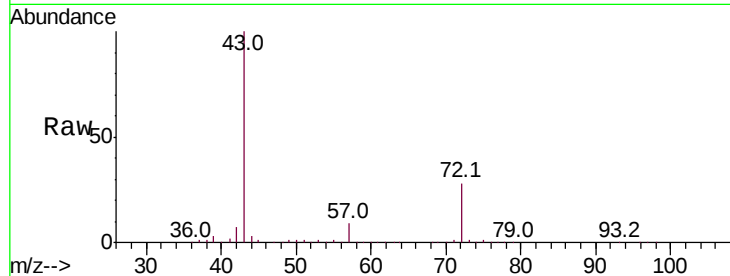
72 27.6 23.0 34.6

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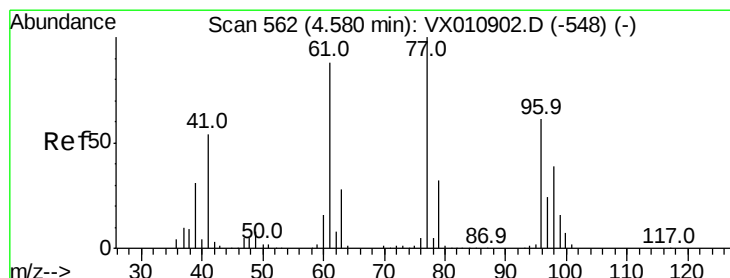
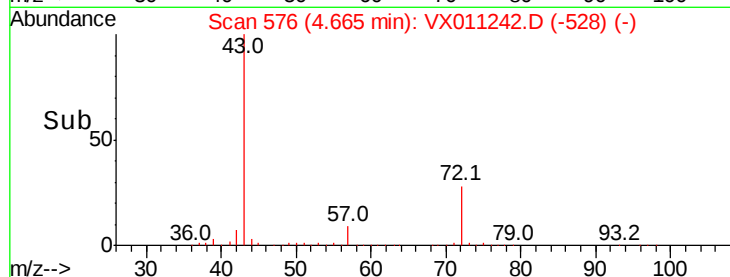
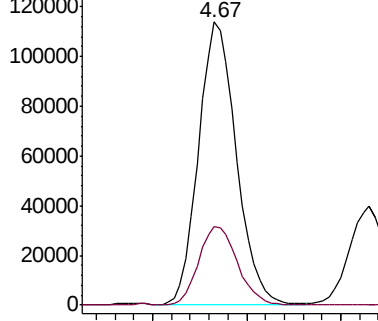
MMdadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.833 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011242.D

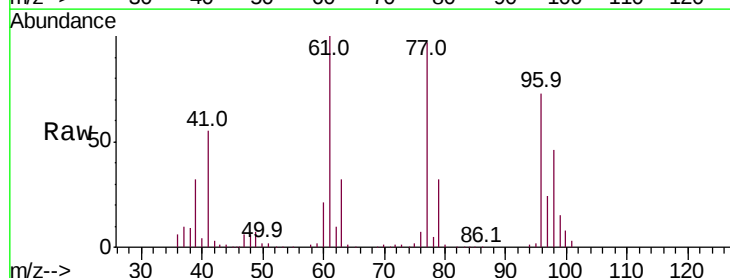
Acq: 31 Jul 2019 14:05

Tgt Ion: 77 Resp: 119362

Ion Ratio Lower Upper

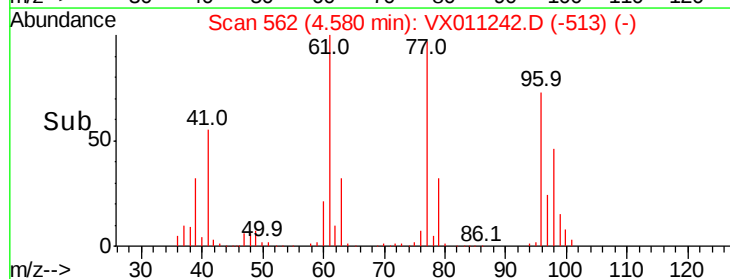
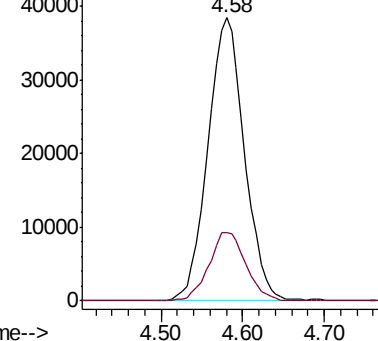
77 100

97 24.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

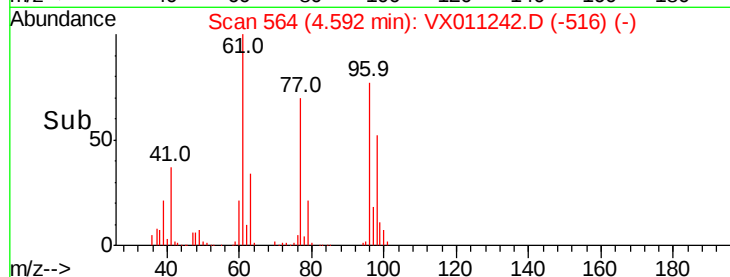
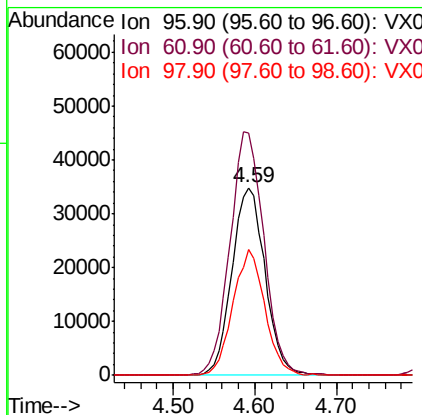
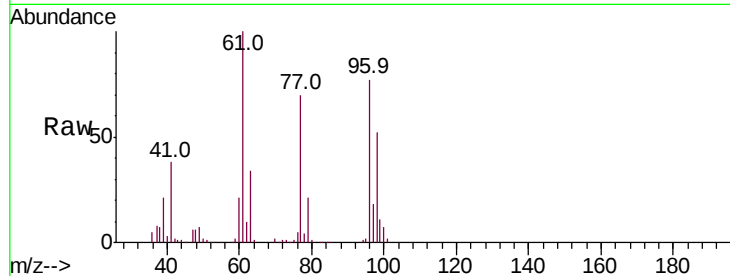
cis-1,2-Dichloroethene
 Concen: 48.620 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	132.9	0.0	269.0	
98	64.4	0.0	131.4	

Manual Integrations
 APPROVED

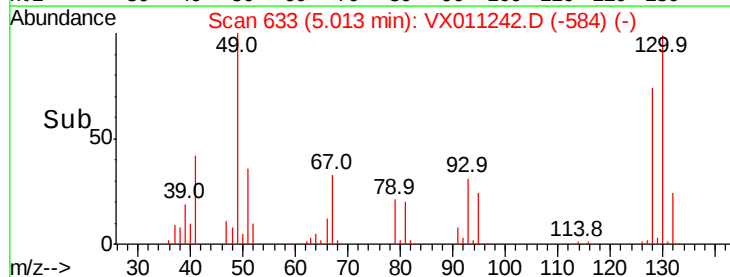
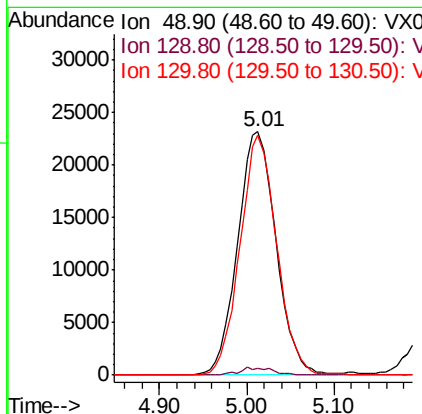
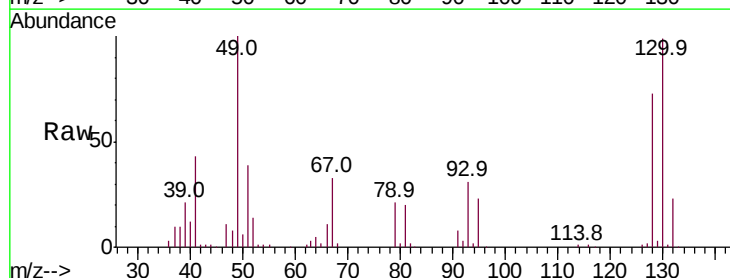
MMDadoda
 8/1/2019 11:19:50 AM

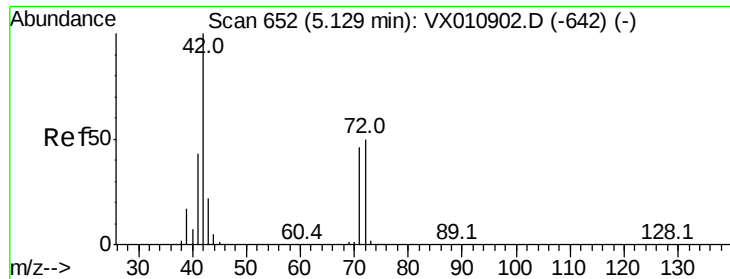


#28

Bromochloromethane
 Concen: 51.527 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	5.2	
130	93.9	76.9	115.3	





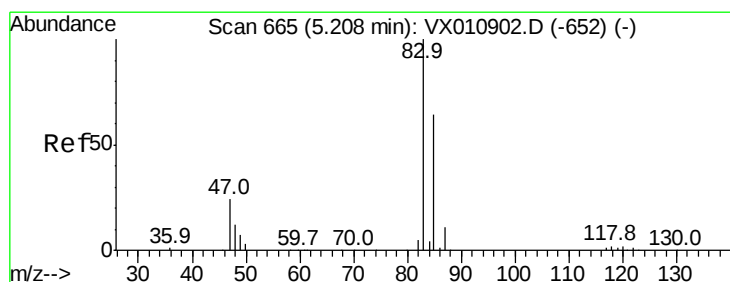
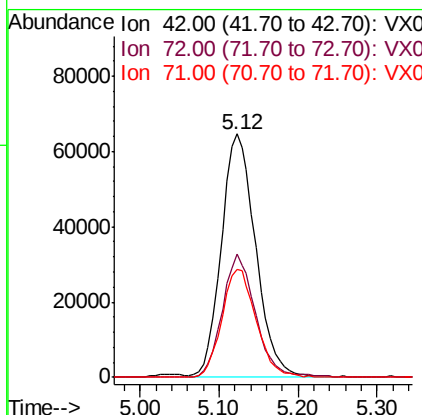
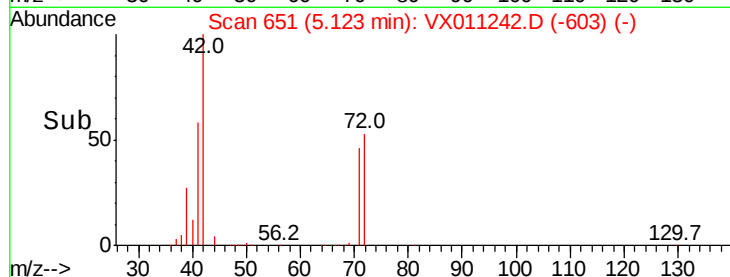
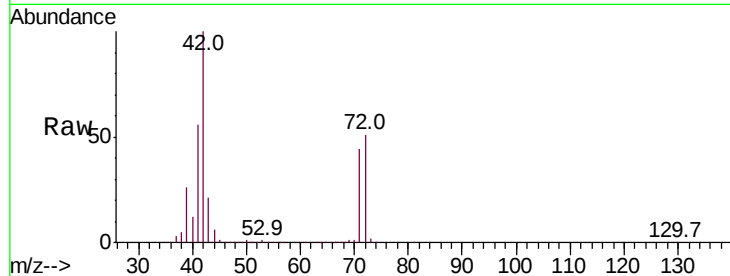
#29
Tetrahydrofuran
Concen: 240.806 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.8	59.8
71	45.1	37.0	55.4

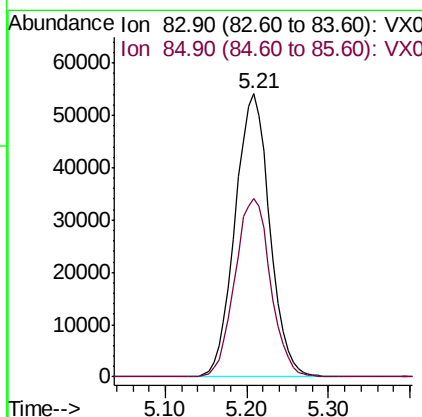
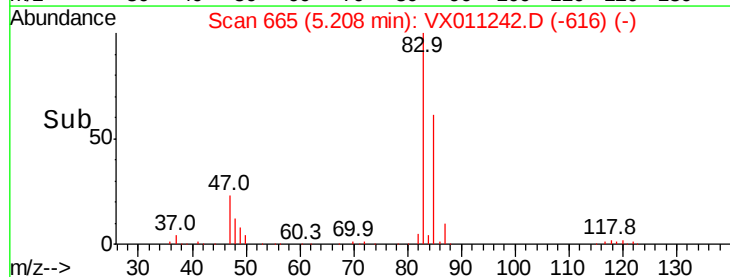
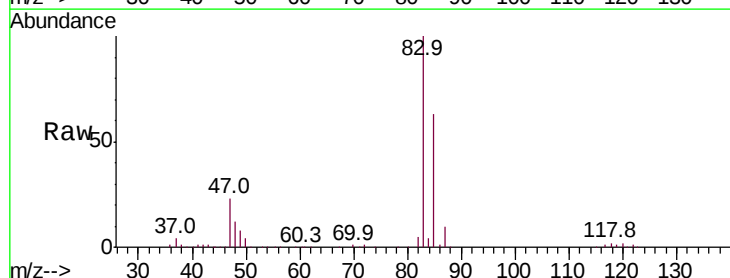
Manual Integrations
APPROVED

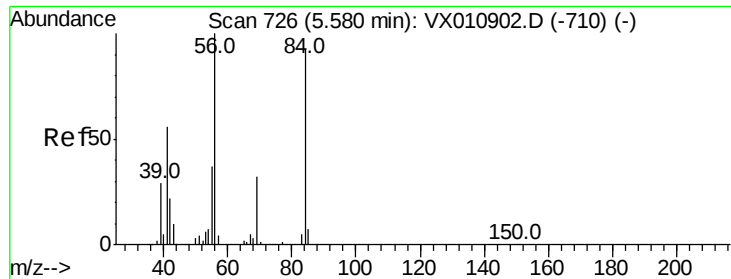
MMdadoda
8/1/2019 11:19:50 AM



#30
Chloroform
Concen: 50.612 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.0





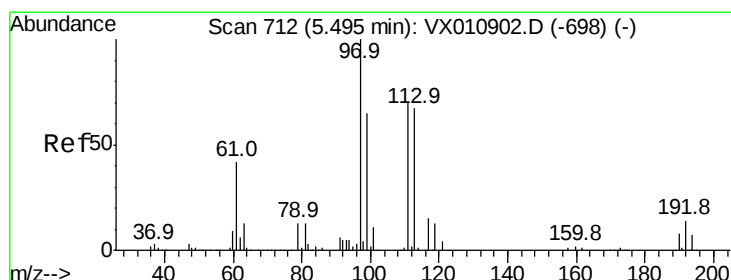
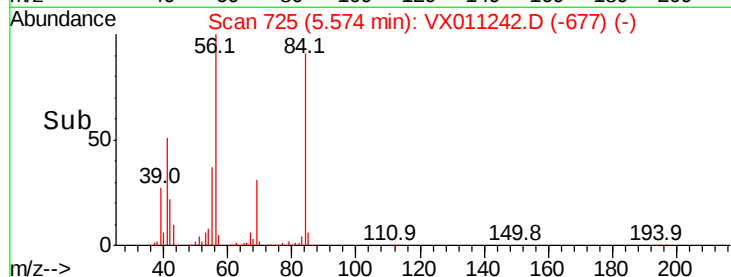
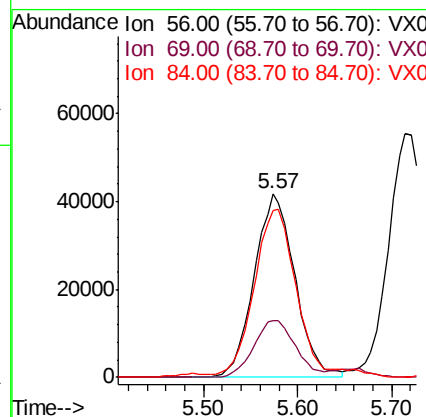
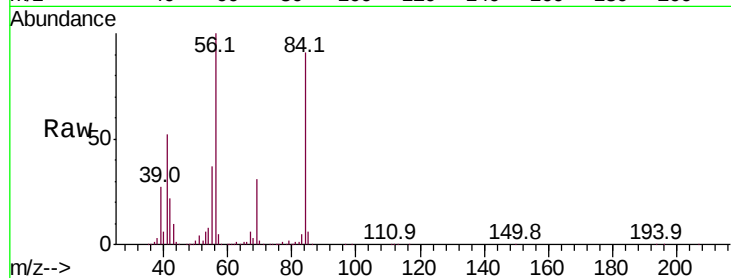
#31
Cyclohexane
Concen: 47.663 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.8	38.8
84	89.0	73.8	110.6

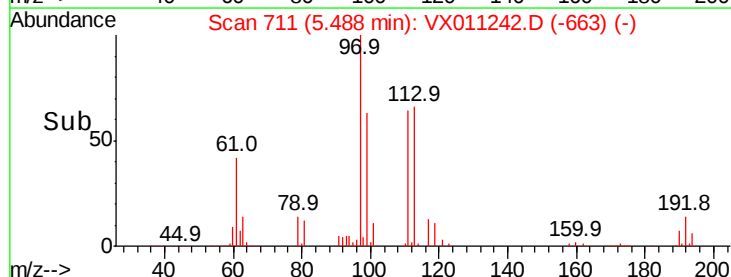
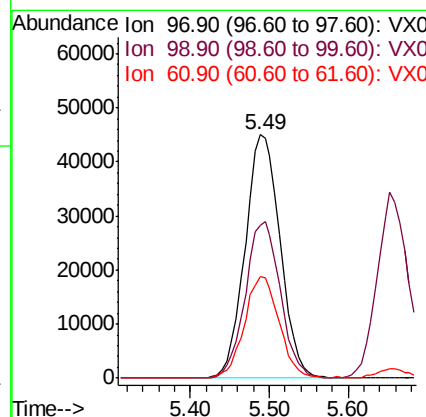
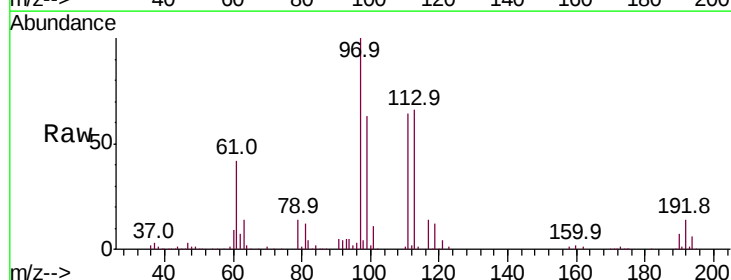
Manual Integrations
APPROVED

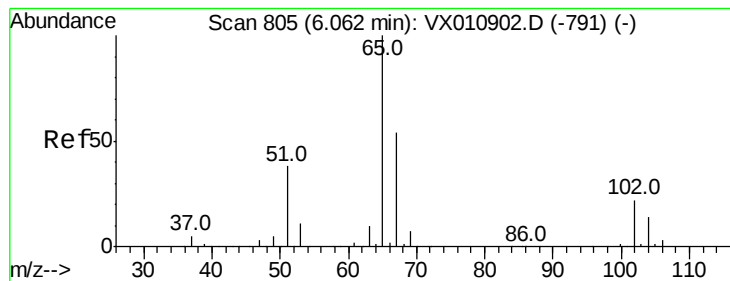
MMDadoda
8/1/2019 11:19:50 AM



#32
1,1,1-Trichloroethane
Concen: 50.954 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	41.5	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 48.909 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 95780

Ion Ratio Lower Upper

65 100

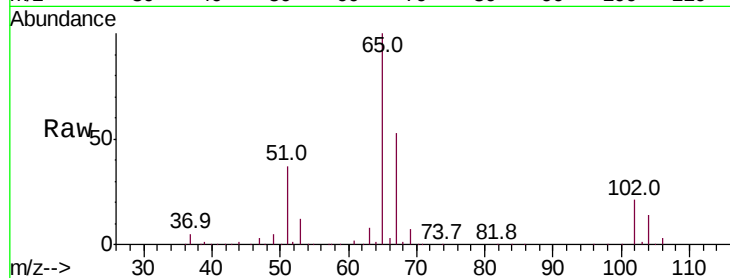
67 52.6 0.0 107.8

Manual Integrations

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MMdadoda

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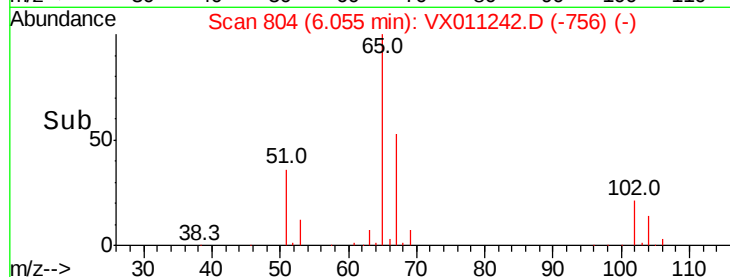


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



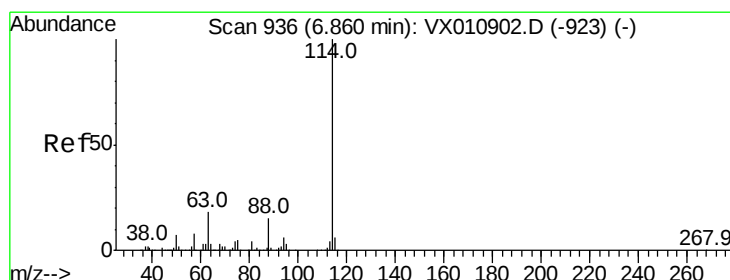
Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

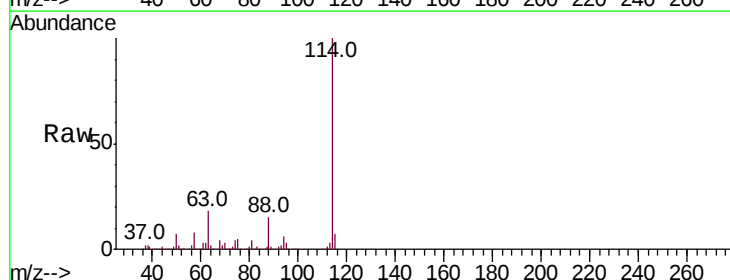
Tgt Ion: 114 Resp: 264610

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.6 0.0 29.8



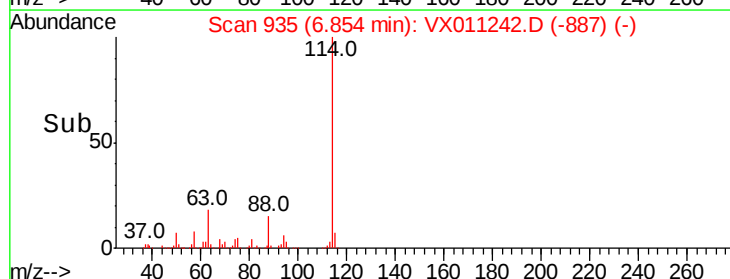
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->



Abundance

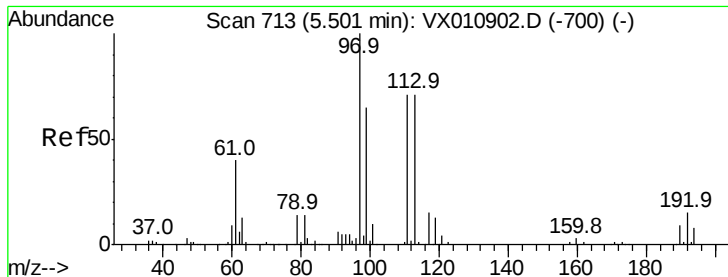
Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->



#35

Dibromofluoromethane

Concen: 50.938 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

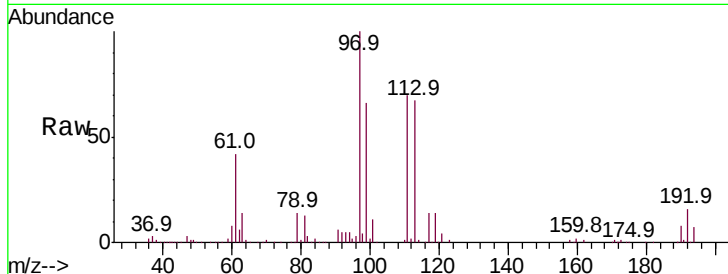
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	85553
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	21.9	17.4	26.2

Manual Integrations
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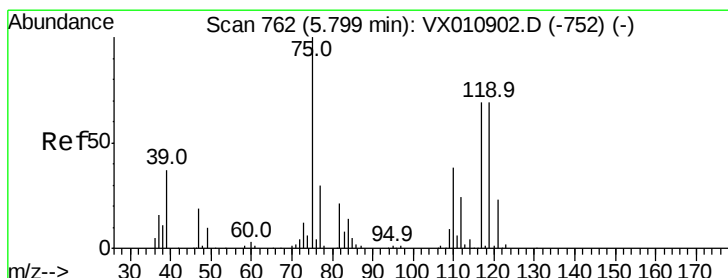
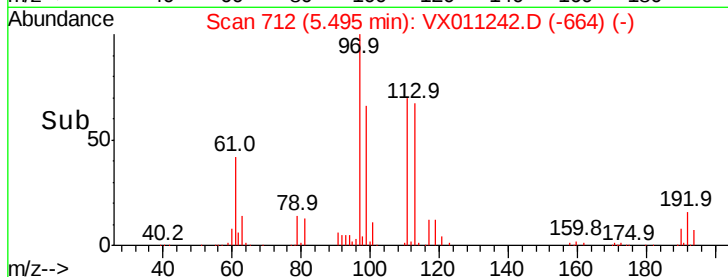
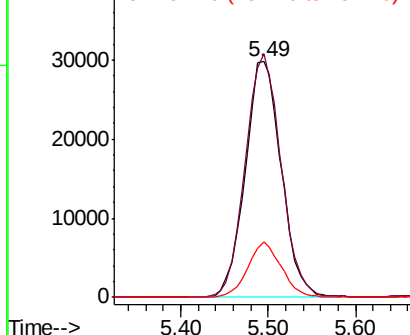


Abundance

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: 51.352 ug/l

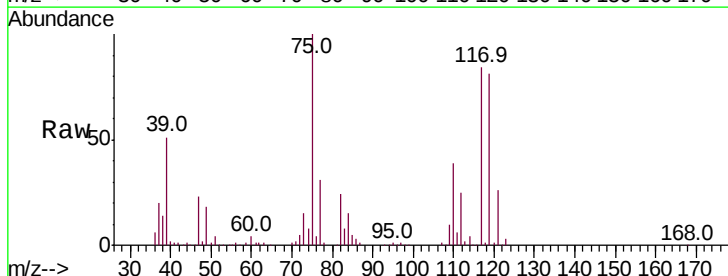
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Tgt Ion:	75	Resp:	111616
Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.9	59.7
77	31.5	25.0	37.4

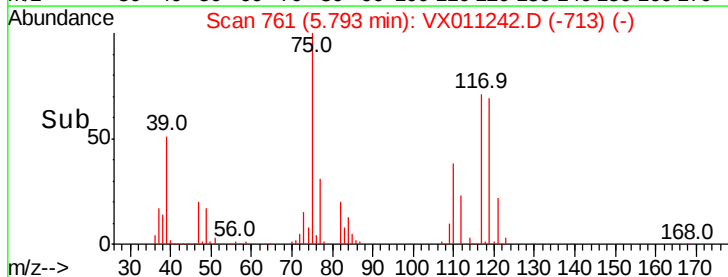
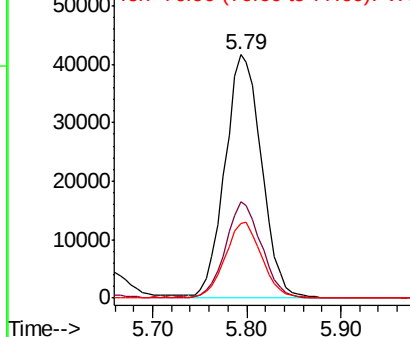


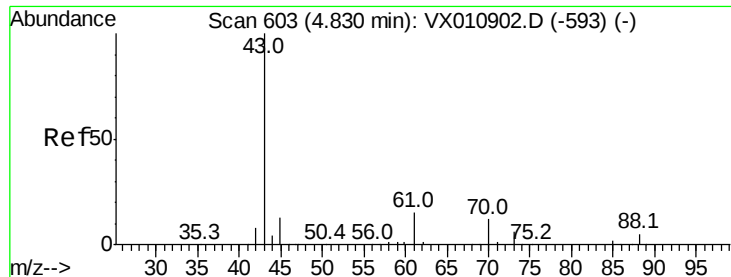
Abundance

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





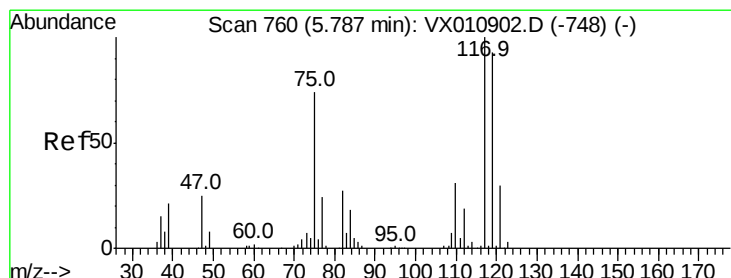
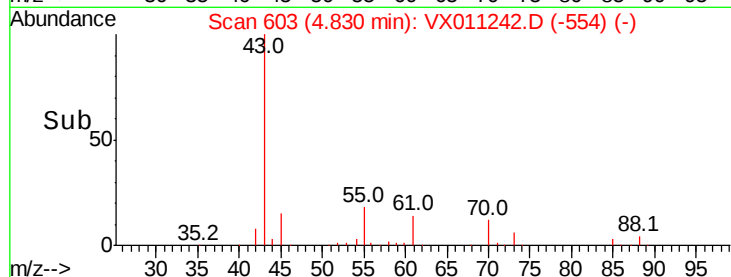
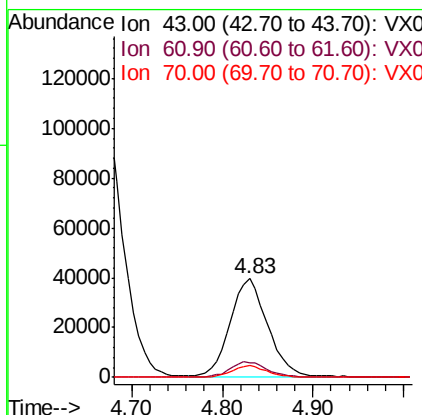
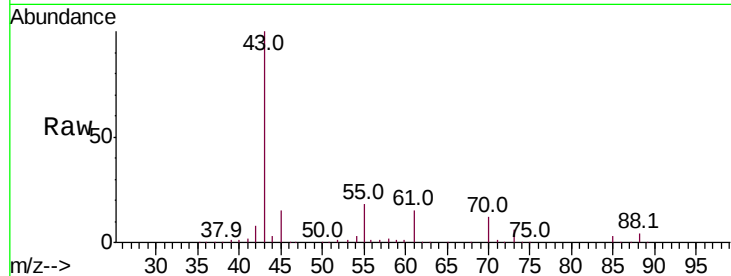
#37
Ethyl Acetate
Concen: 50.745 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	70
Ratio	100	15.0	11.5
Lower		11.6	9.1
Upper		17.4	13.7

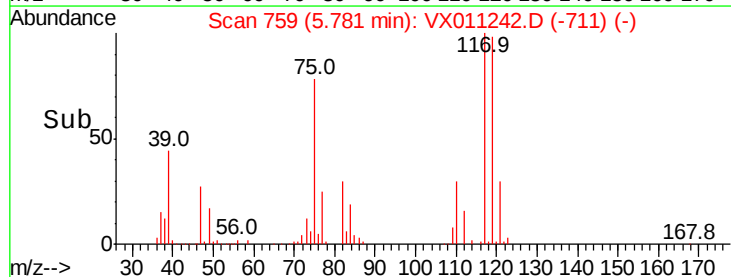
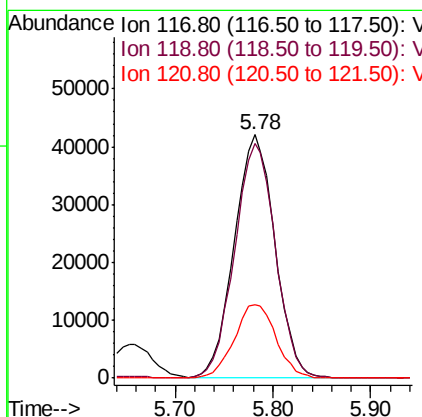
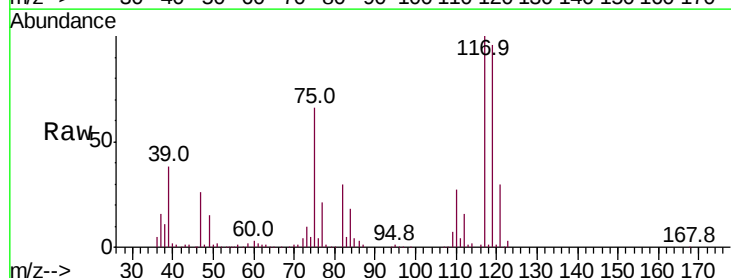
Manual Integrations
APPROVED

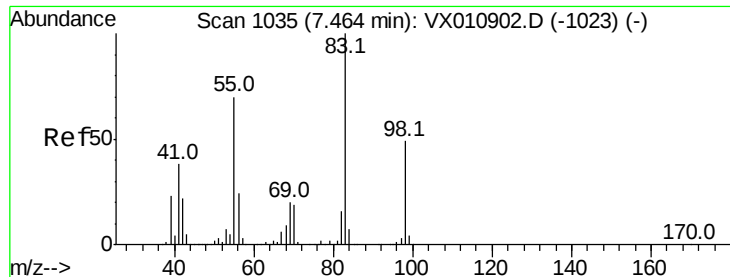
MMdadoda
8/1/2019 11:19:50 AM



#38
Carbon Tetrachloride
Concen: 53.674 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	117	119	121
Ratio	100	96.0	30.1
Lower		74.2	24.2
Upper		111.2	36.2





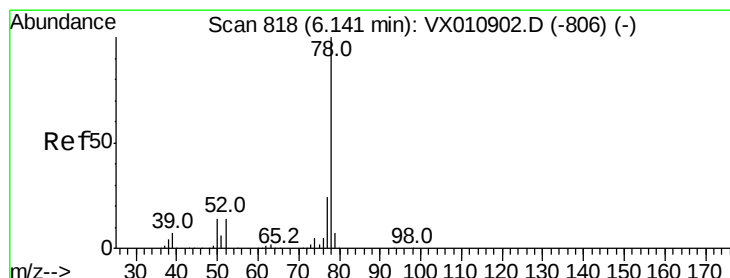
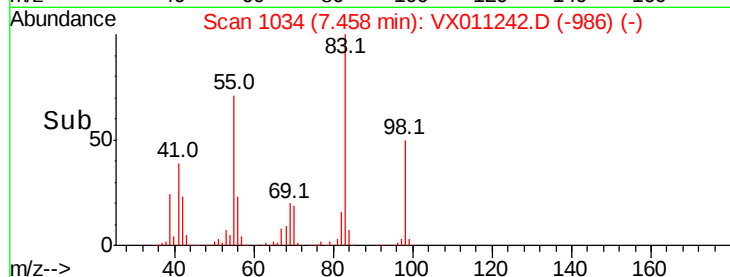
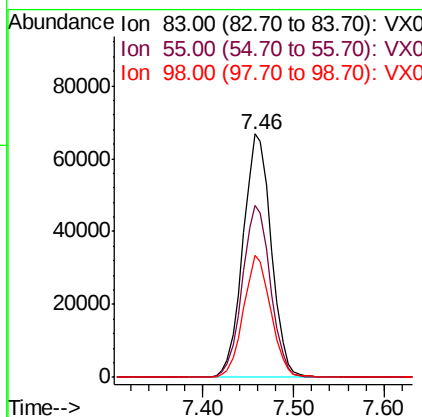
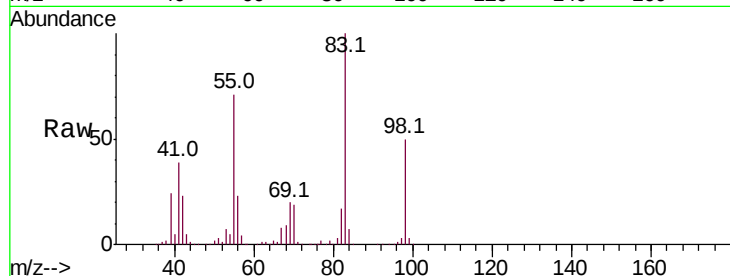
#39
Methvlcvclohexane
Concen: 51.078 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.9	56.2	84.4
98	50.1	39.0	58.4

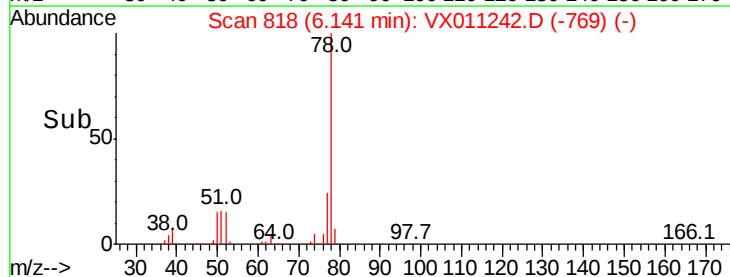
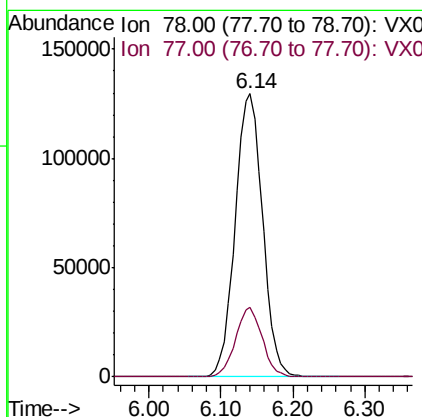
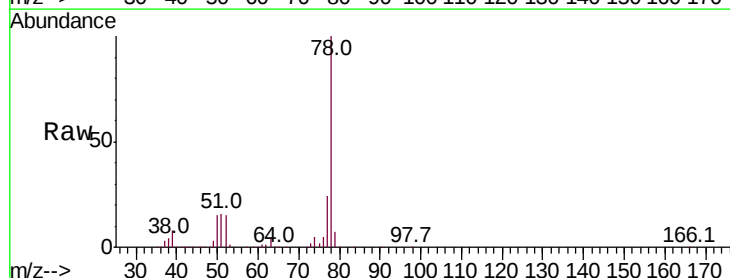
Manual Integrations
APPROVED

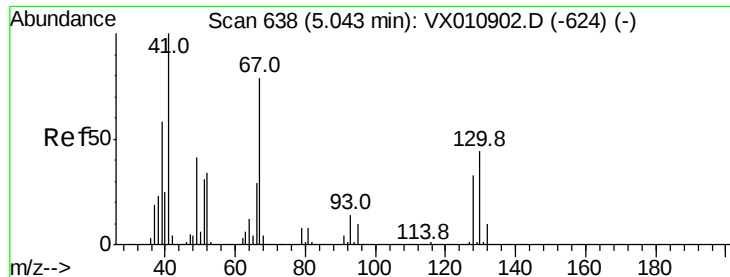
MMDadoda
8/1/2019 11:19:50 AM



#40
Benzene
Concen: 51.394 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





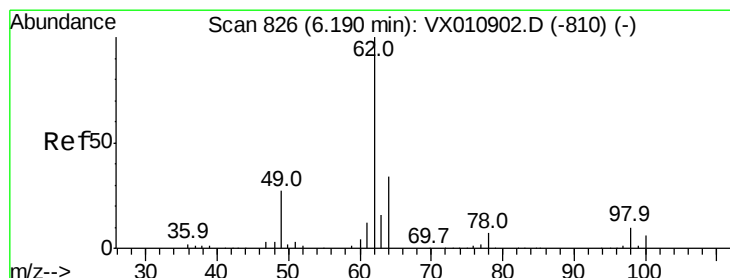
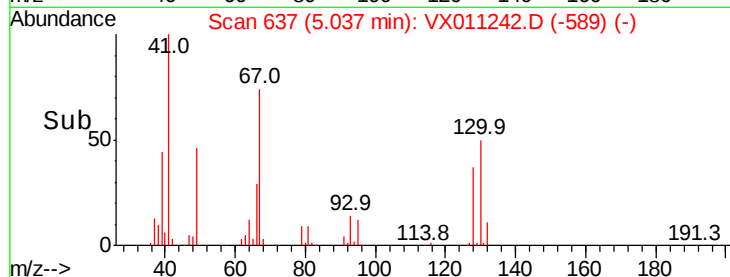
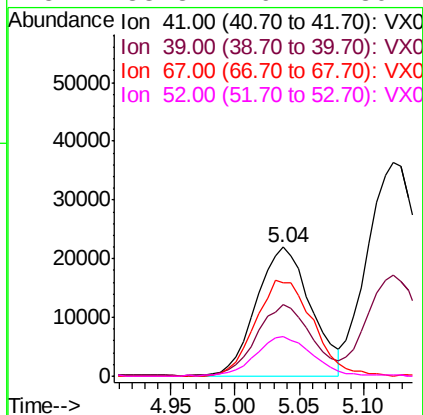
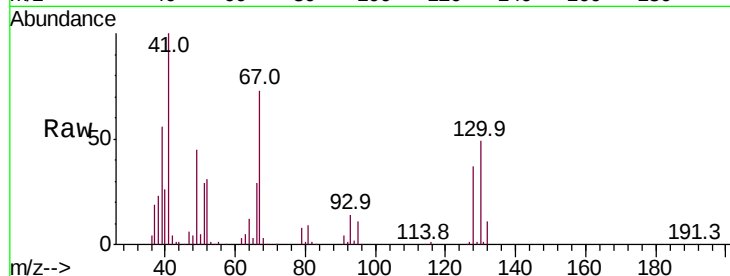
#41
Methacrylonitrile
Concen: 51.019 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.4	68.2
67	78.8	65.9	98.9
52	33.3	26.2	39.2

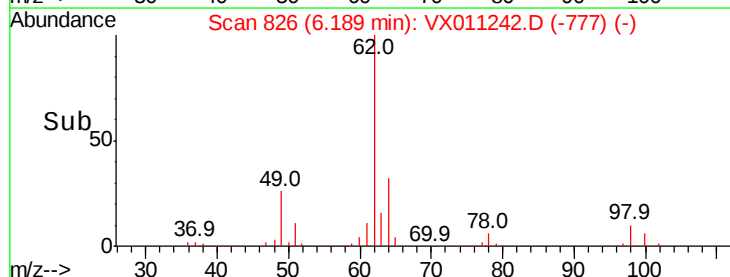
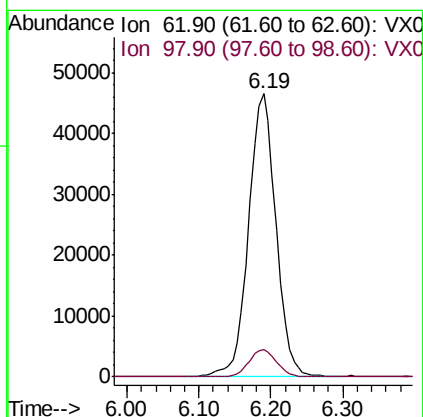
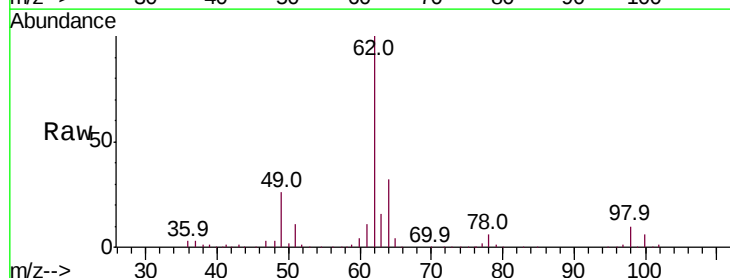
Manual Integrations
APPROVED

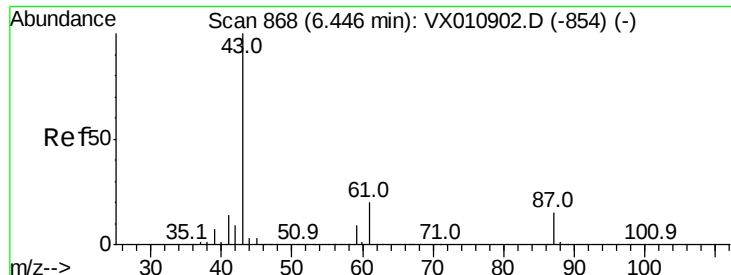
MMDadoda
8/1/2019 11:19:50 AM



#42
1,2-Dichloroethane
Concen: 53.065 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 51.918 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

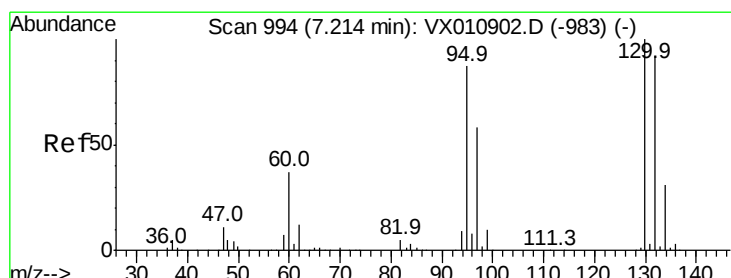
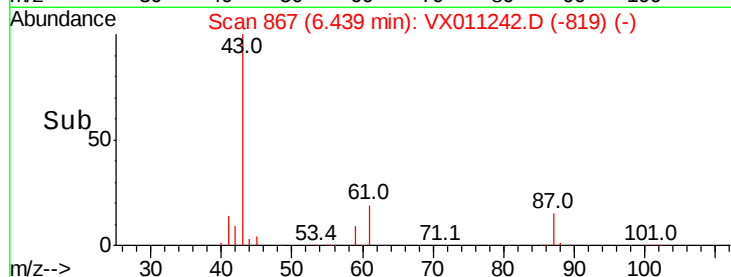
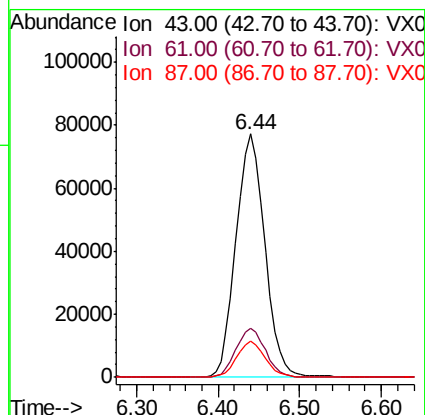
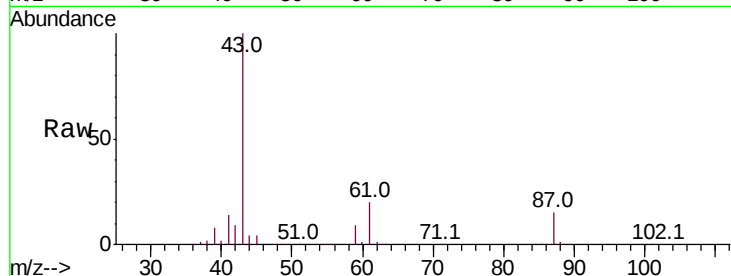
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	190000
Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.1	25.7
87	14.5	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 50.939 ug/l

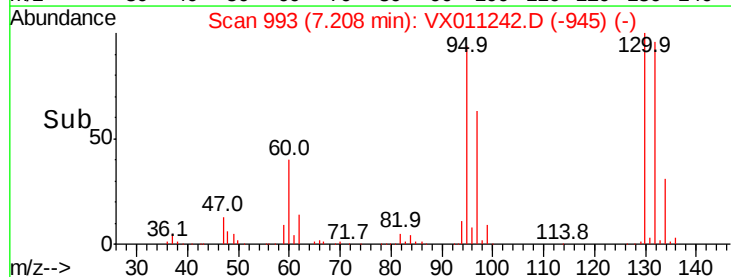
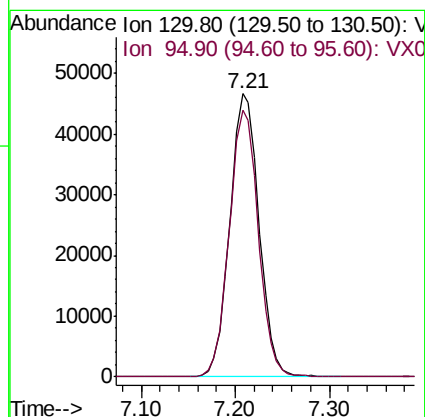
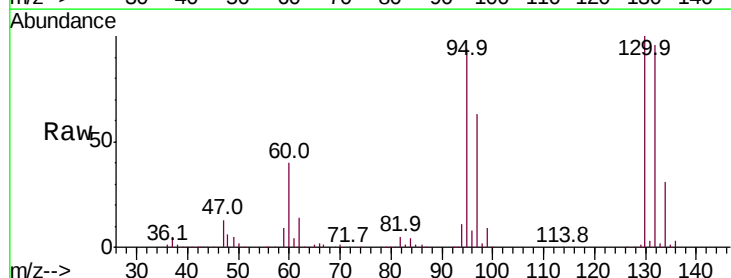
RT: 7.21 min Scan# 993

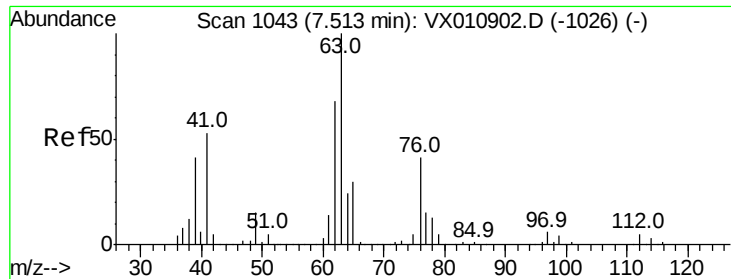
Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Tgt Ion:	130	Resp:	100389
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	174.8





#45

1,2-Dichloropropane

Concen: 51.992 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 88105

Ion Ratio Lower Upper

63 100

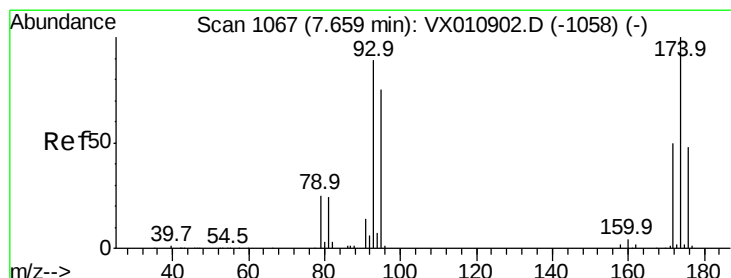
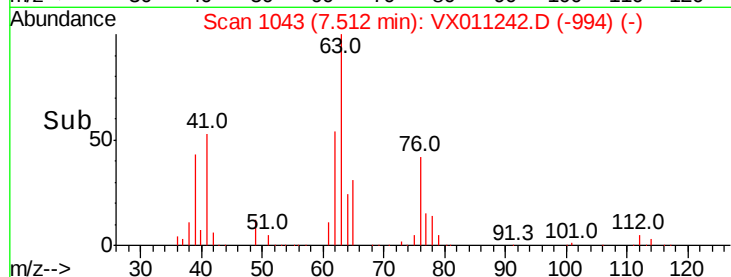
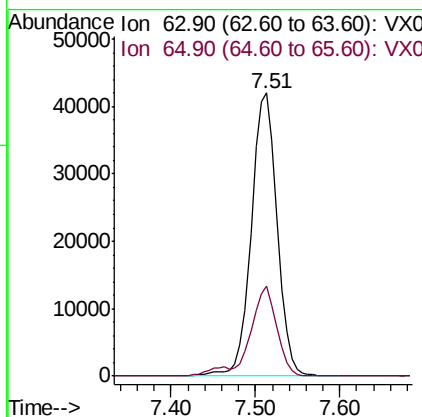
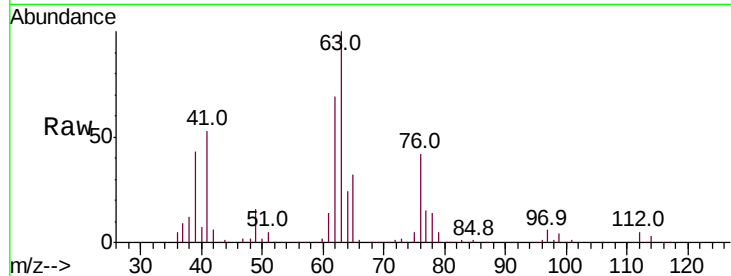
65 31.8 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 52.986 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

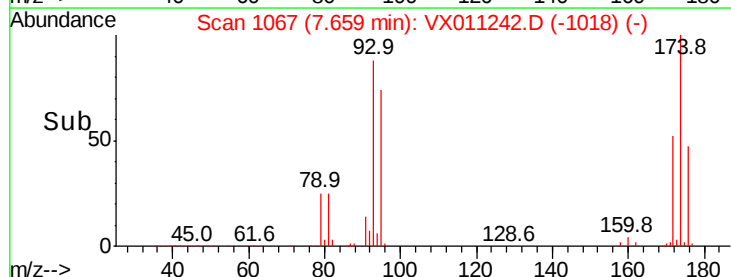
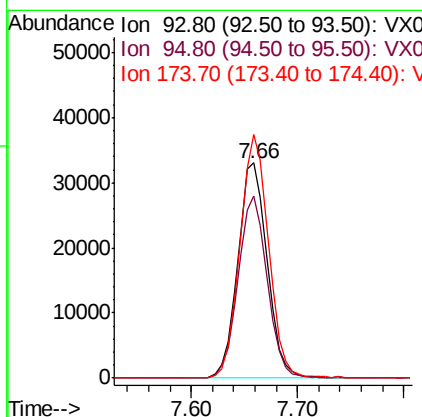
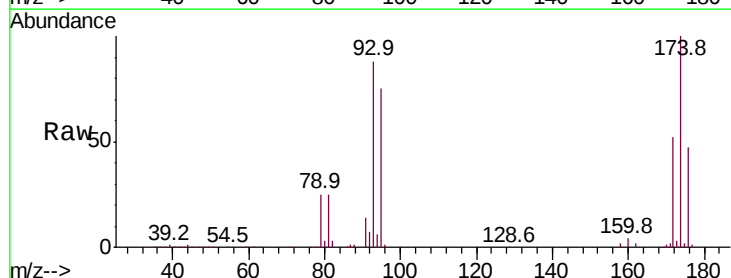
Tgt Ion: 93 Resp: 64160

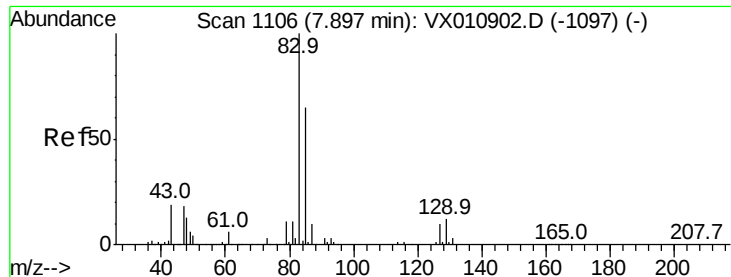
Ion Ratio Lower Upper

93 100

95 83.5 67.2 100.8

174 110.5 90.6 135.8





#47

Bromodichloromethane

Concen: 55.569 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 119778

Ion Ratio Lower Upper

83 100

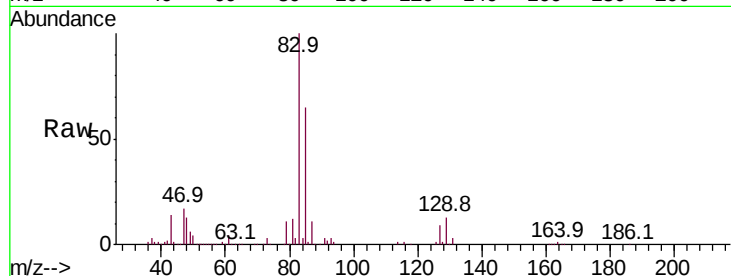
85 65.2 52.5 78.7

127 9.4 7.8 11.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.90

60000

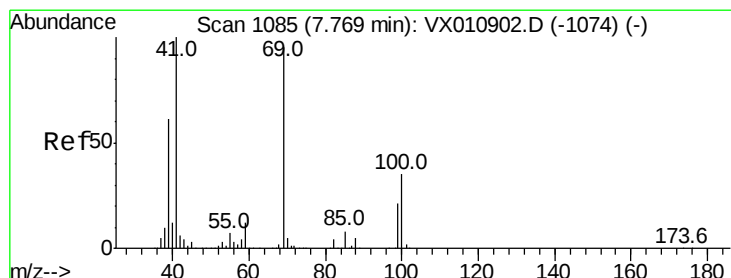
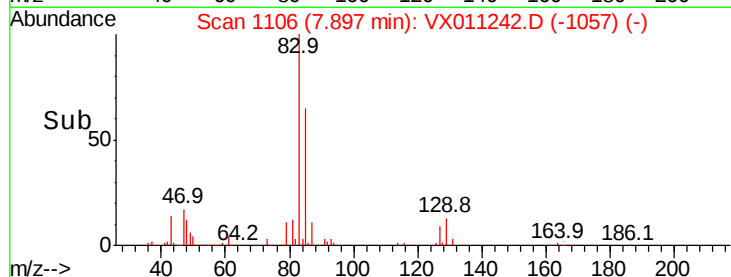
40000

20000

0

7.80 7.90 8.00

Time-->



#48

Methyl methacrylate

Concen: 52.226 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

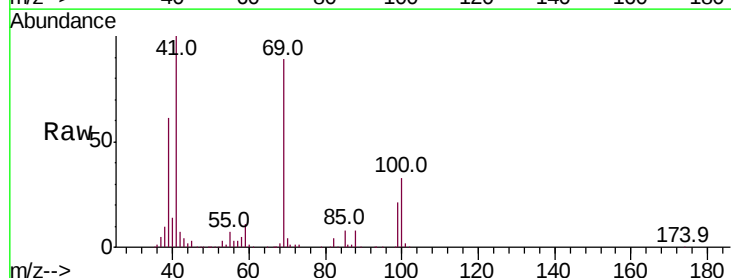
Tgt Ion: 41 Resp: 93107

Ion Ratio Lower Upper

41 100

69 89.0 74.4 111.6

39 60.6 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

7.76

60000

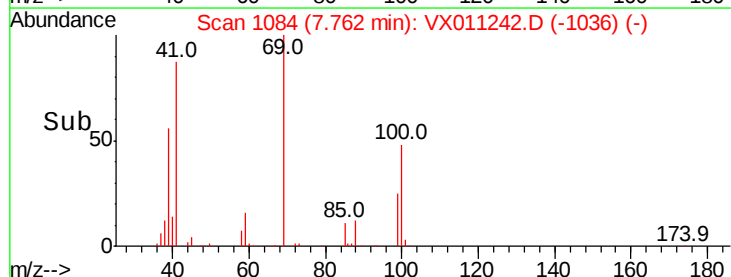
40000

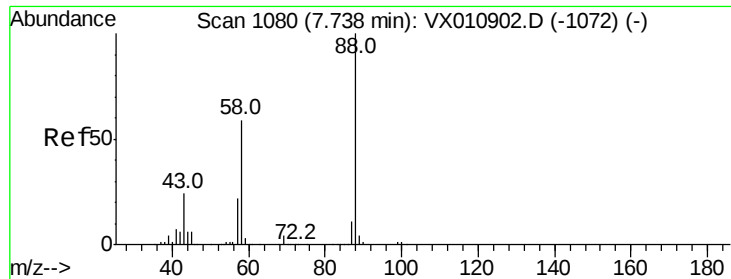
20000

0

7.65 7.70 7.75 7.80 7.85

Time-->





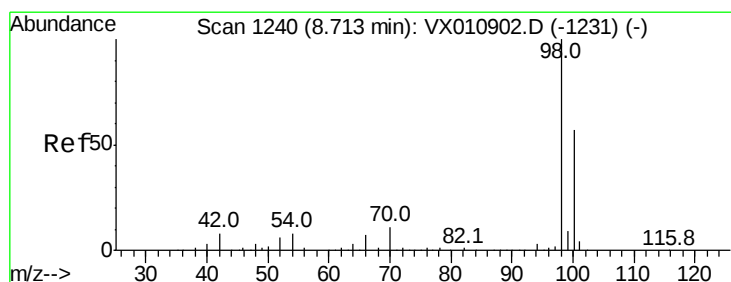
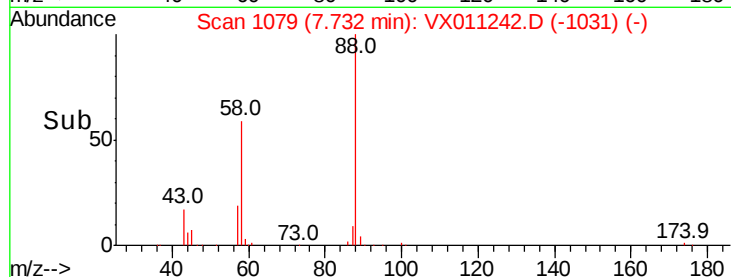
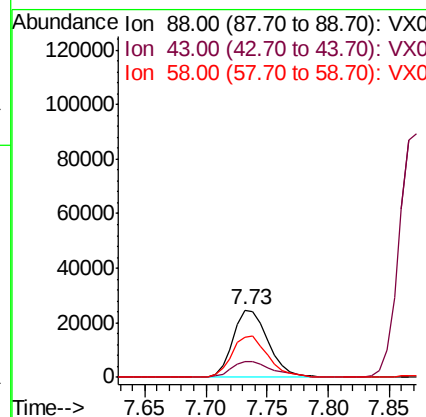
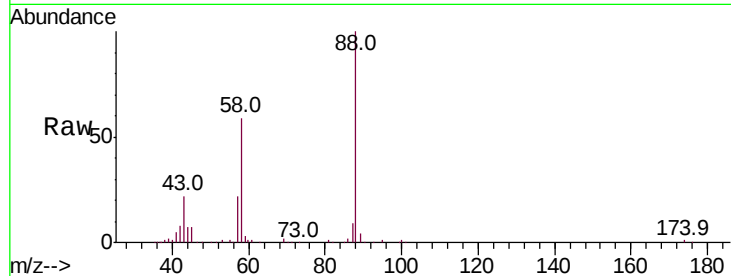
#49
1,4-Dioxane
Concen: 988.178 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.9	34.3
58	62.7	49.8	74.8

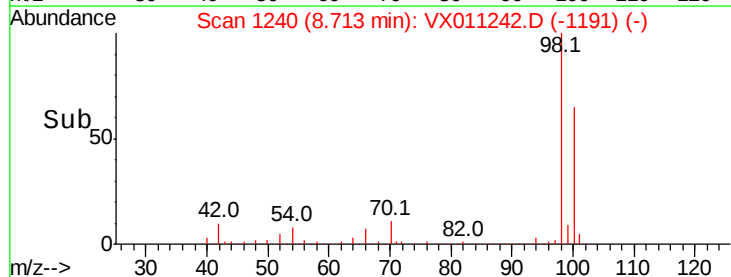
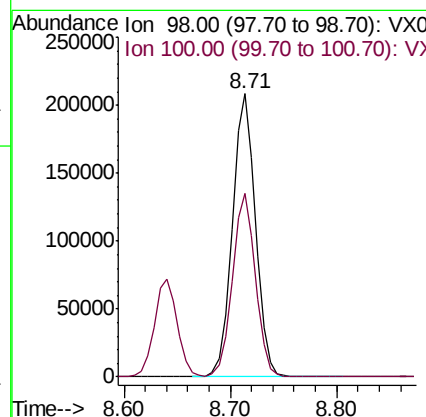
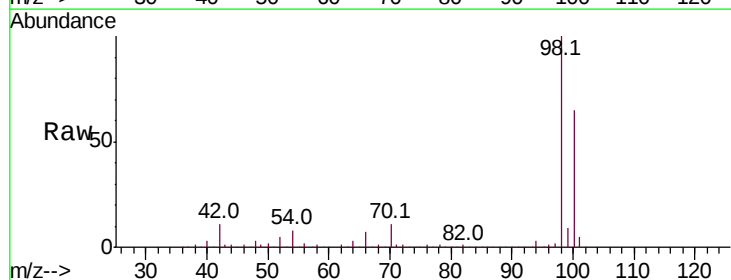
Manual Integrations
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#50
Toluene-d8
Concen: 50.286 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 272.252 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 645863

Ion Ratio Lower Upper

43 100

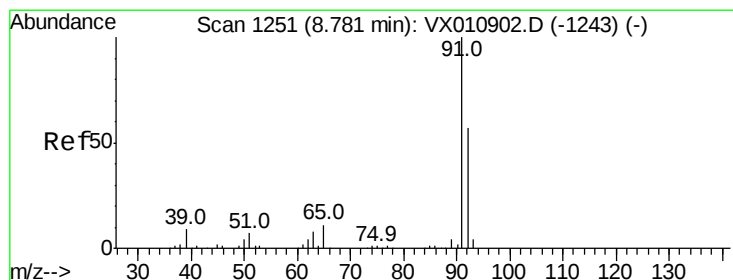
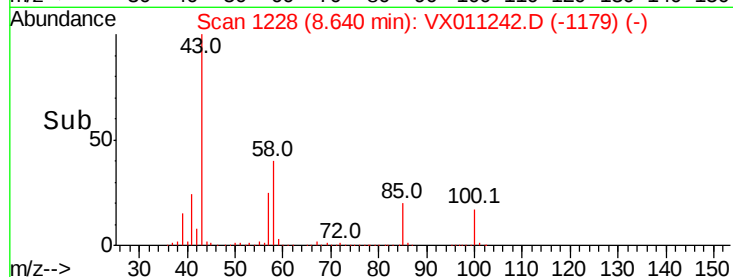
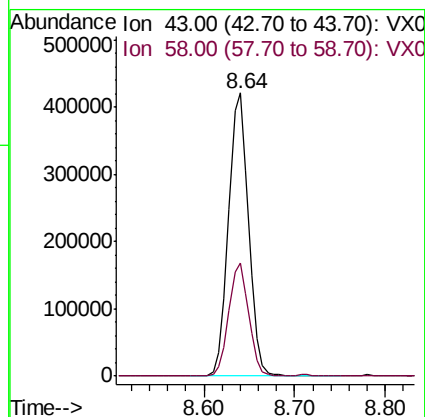
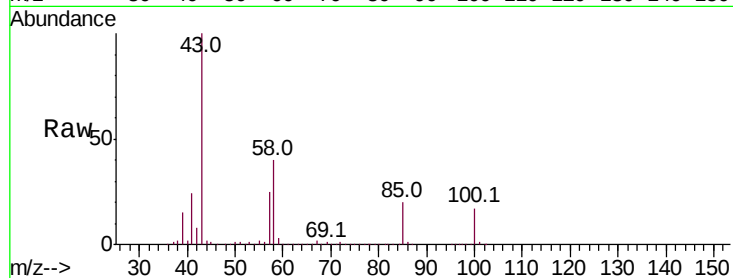
58 39.6 32.2 48.4

Manual Integrations

APPROVED

MMdadoda

8/1/2019 11:19:50 AM



#52

Toluene

Concen: 51.784 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011242.D

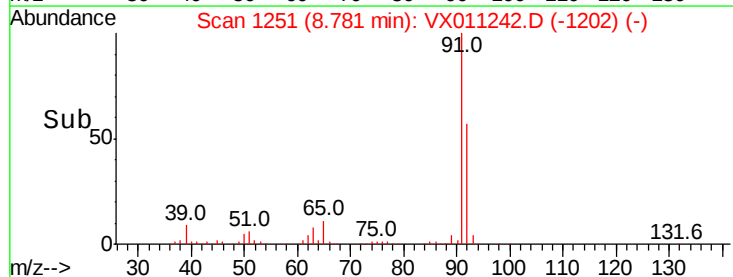
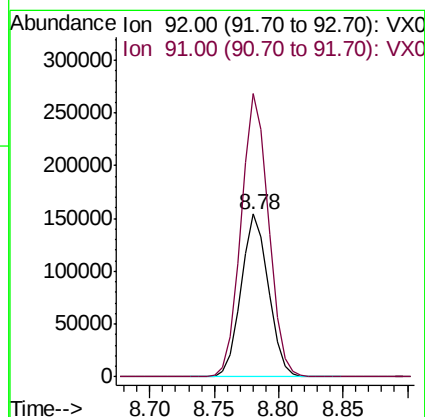
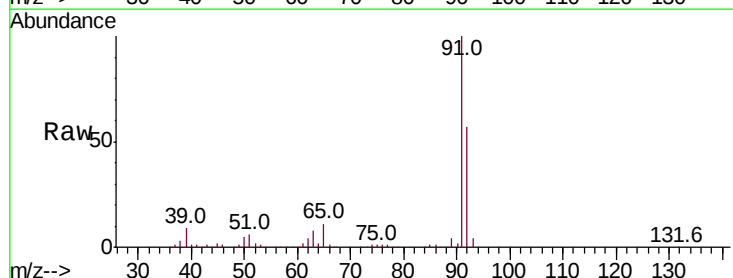
Acq: 31 Jul 2019 14:05

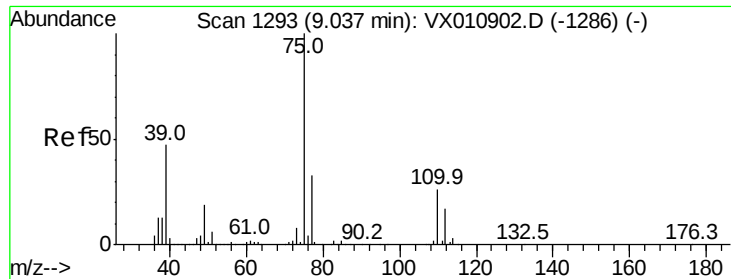
Tgt Ion: 92 Resp: 226492

Ion Ratio Lower Upper

92 100

91 174.9 139.4 209.0





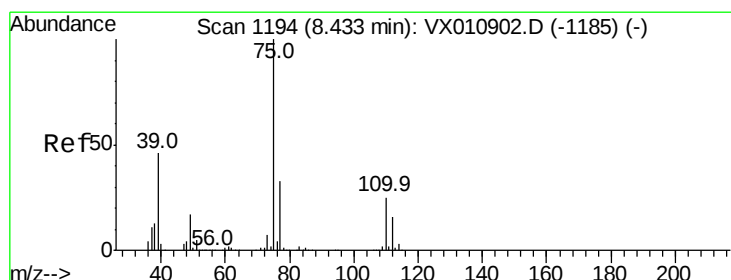
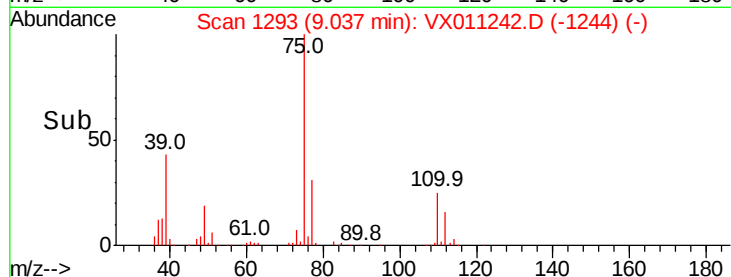
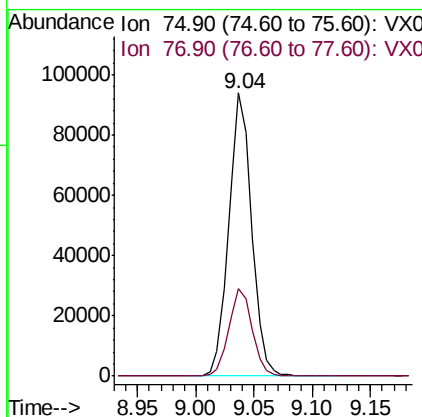
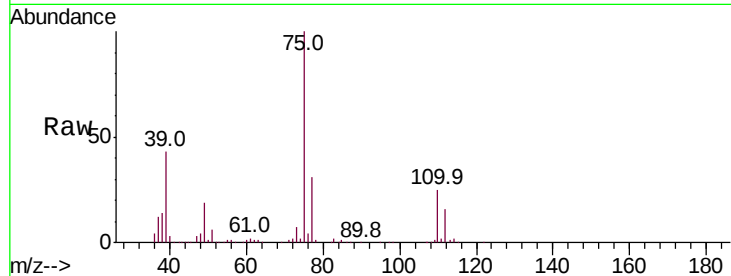
#53
t-1,3-Dichloropropene
Concen: 55.590 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.2

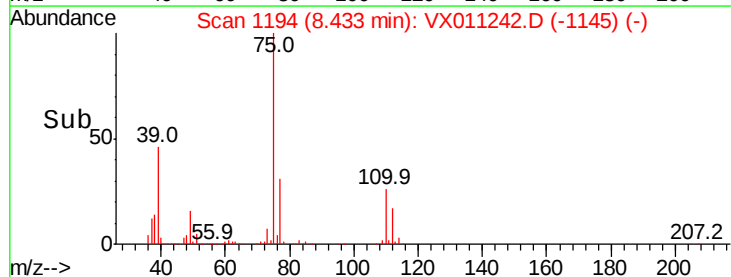
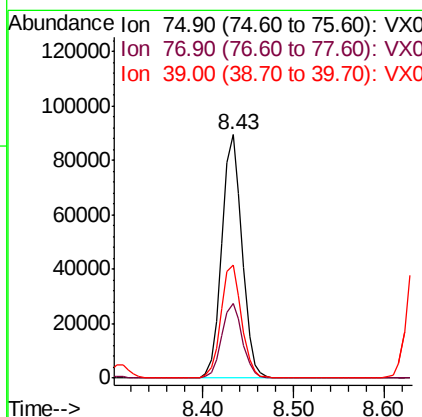
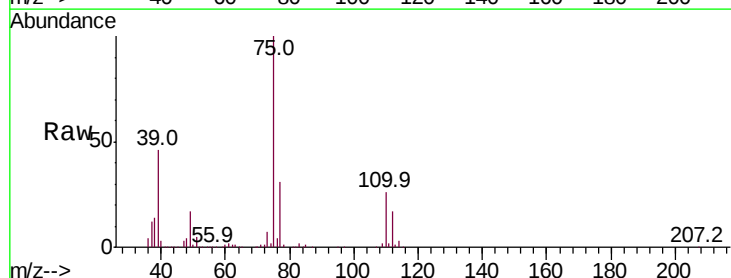
Manual Integrations
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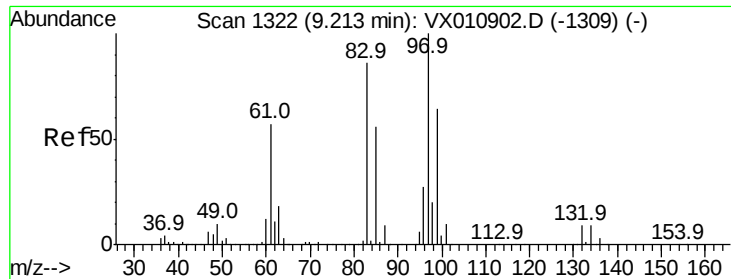
MMDadoda
8/1/2019 11:19:50 AM



#54
cis-1,3-Dichloropropene
Concen: 54.055 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.1	39.1
39	46.1	36.6	54.8





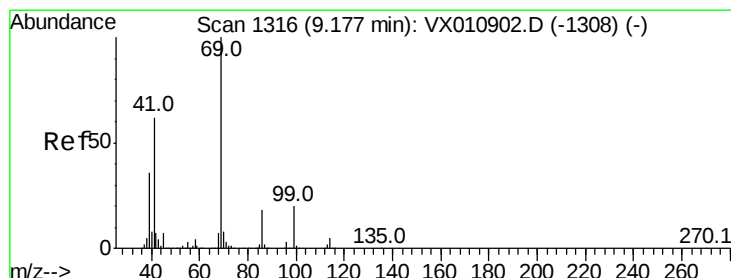
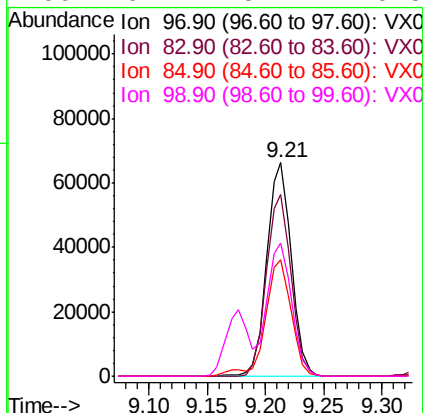
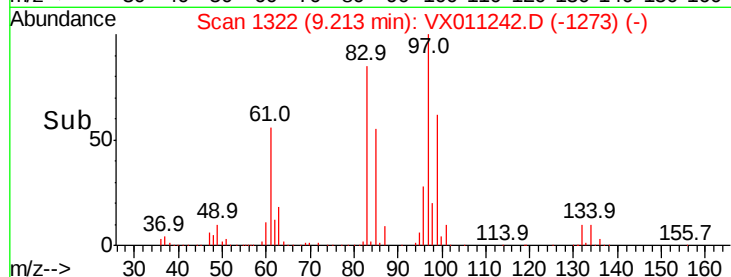
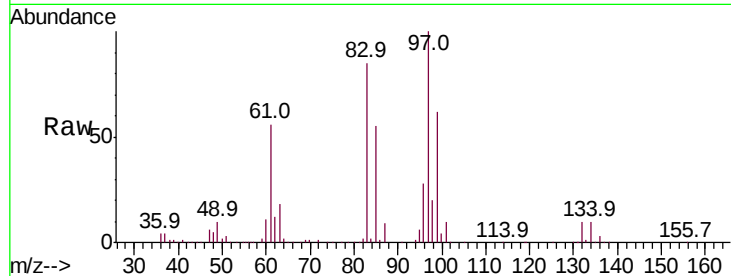
#55
 1,1,2-Trichloroethane
 Concen: 53.244 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.2	103.8
85	54.6	44.6	66.8
99	62.4	51.2	76.8

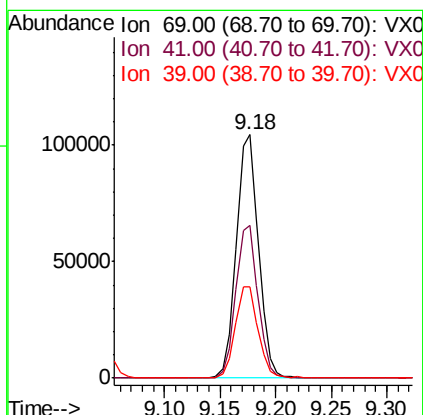
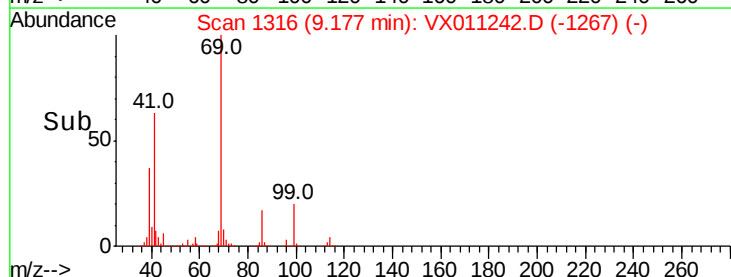
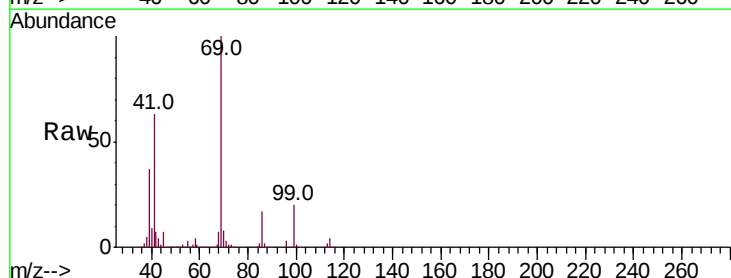
Manual Integrations
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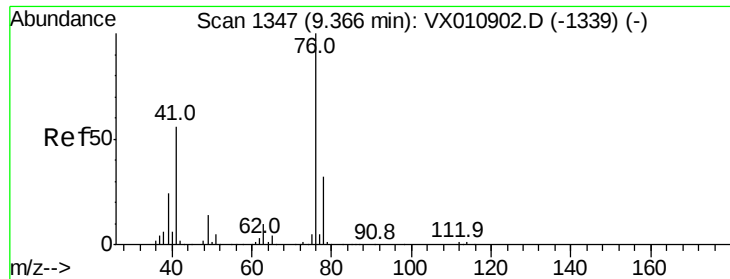
MMdadoda
 8/1/2019 11:19:50 AM



#56
 Ethyl methacrylate
 Concen: 54.774 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.7	74.5
39	38.3	29.6	44.4





#57

1,3-Dichloropropane

Concen: 53.102 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 151707

Ion Ratio Lower Upper

76 100

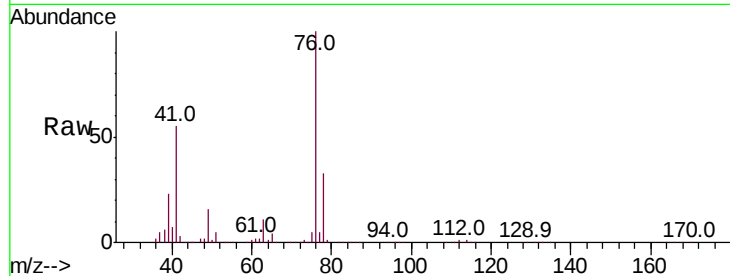
78 33.2 25.6 38.4

Manual Integrations

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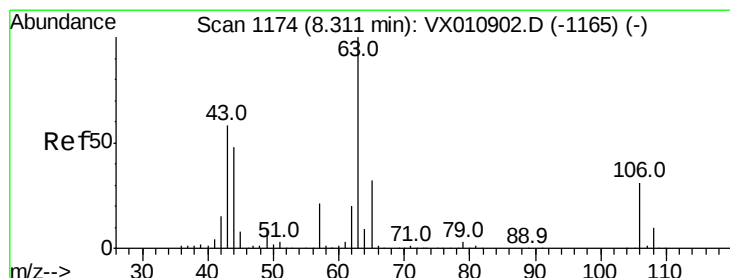
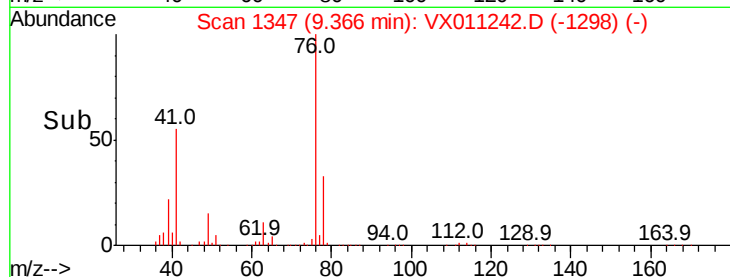
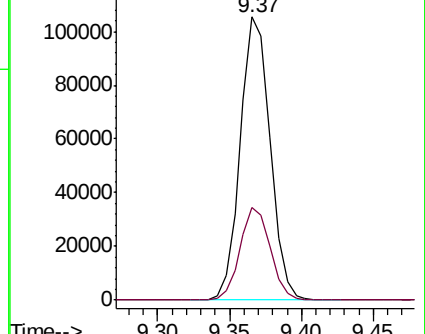
MMdadoda

8/1/2019 11:19:50 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 277.908 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011242.D

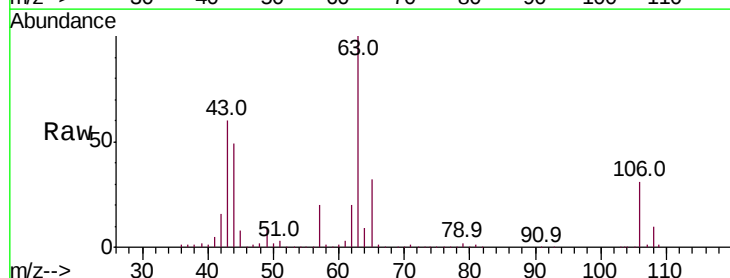
Acq: 31 Jul 2019 14:05

Tgt Ion: 63 Resp: 349471

Ion Ratio Lower Upper

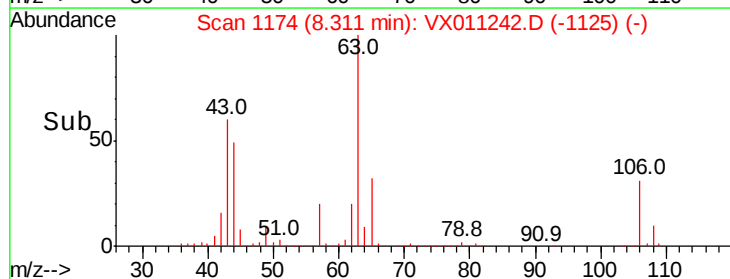
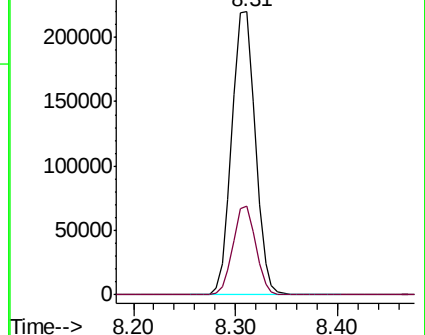
63 100

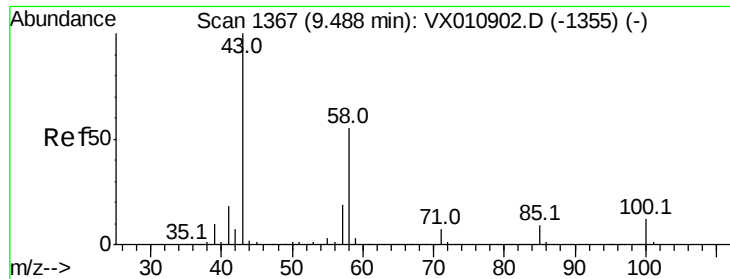
106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





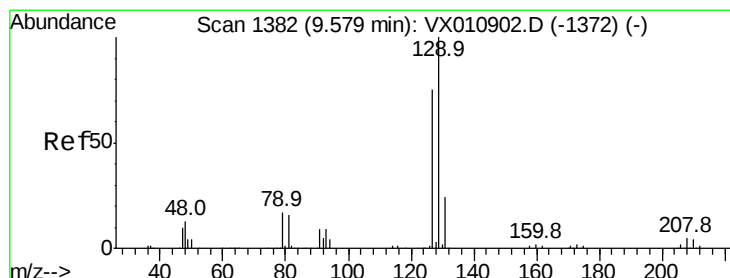
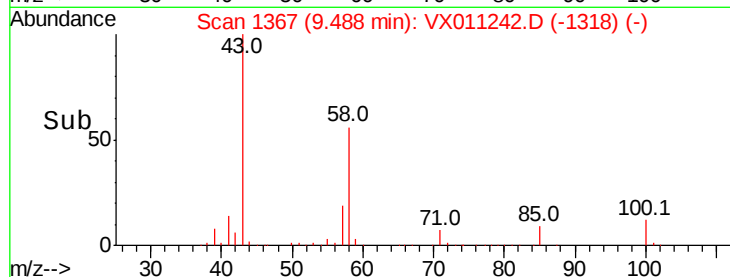
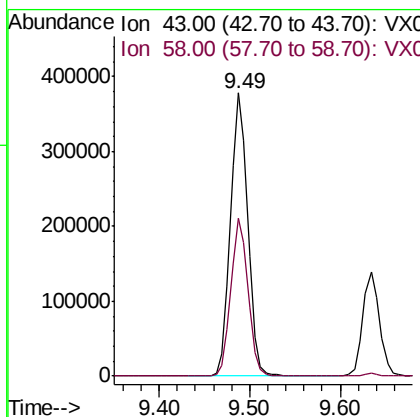
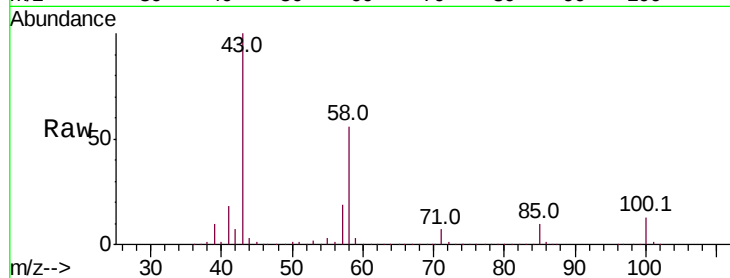
#59
2-Hexanone
Concen: 272.035 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 500544
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9

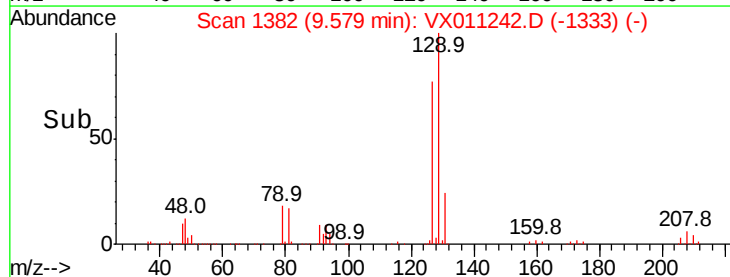
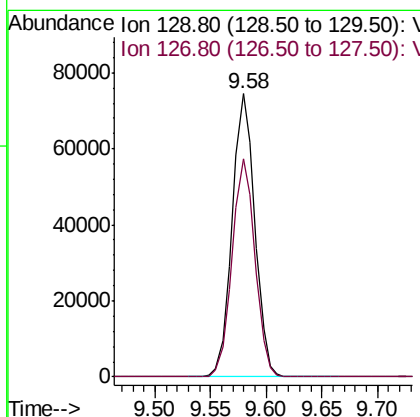
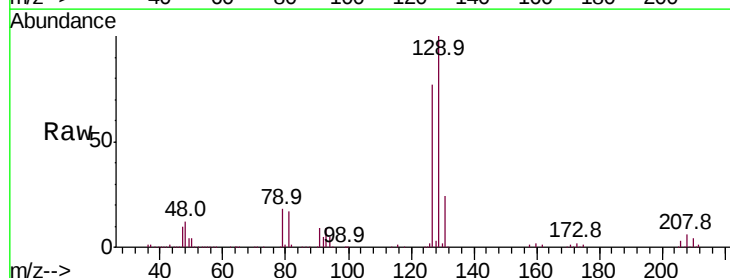
Manual Integrations
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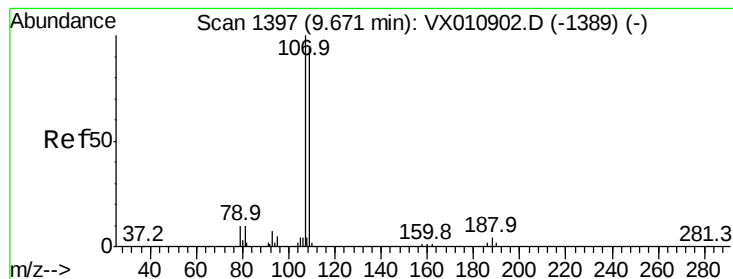
MMdadoda
8/1/2019 11:19:50 AM



#60
Dibromochloromethane
Concen: 50.587 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion: 129 Resp: 104913
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.459 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 104083

Ion Ratio Lower Upper

107 100

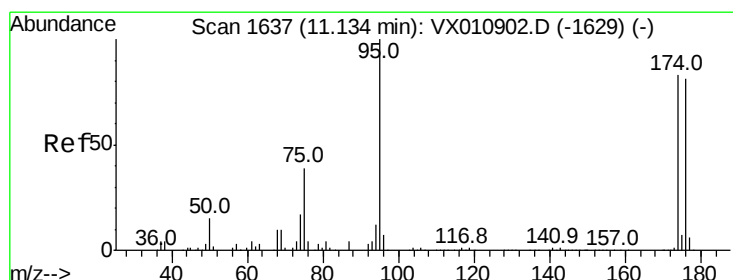
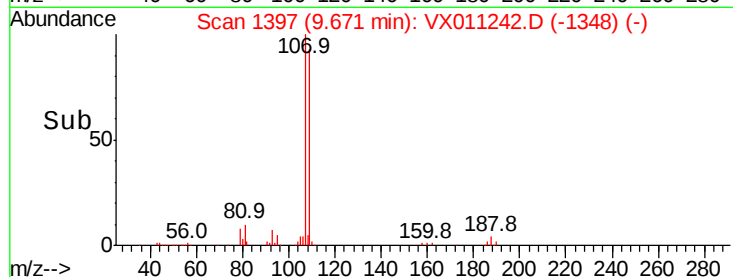
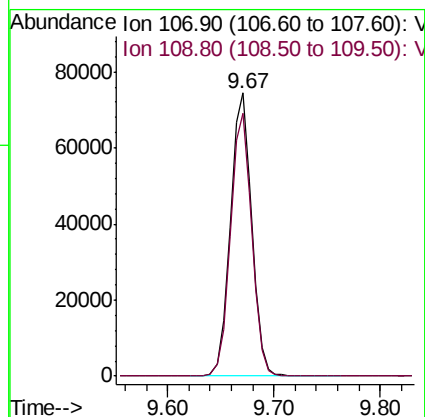
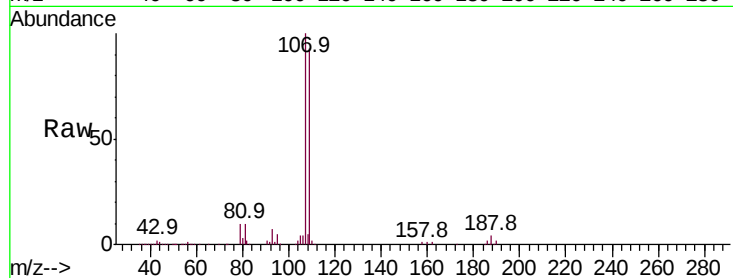
109 92.9 75.4 113.0

Manual Integrations

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MMdadoda

8/1/2019 11:19:50 AM



#62

4-Bromofluorobenzene

Concen: 53.589 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

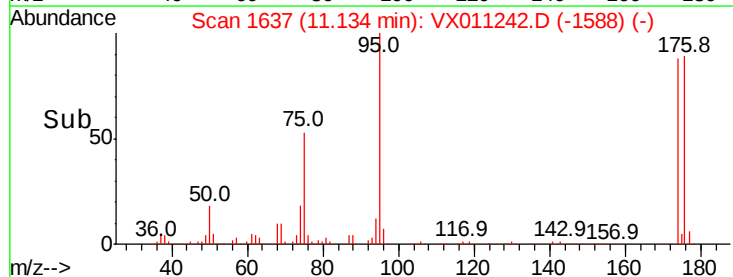
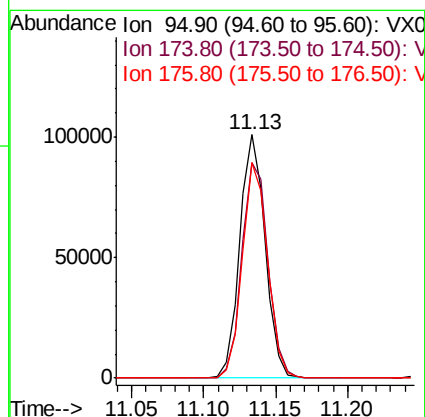
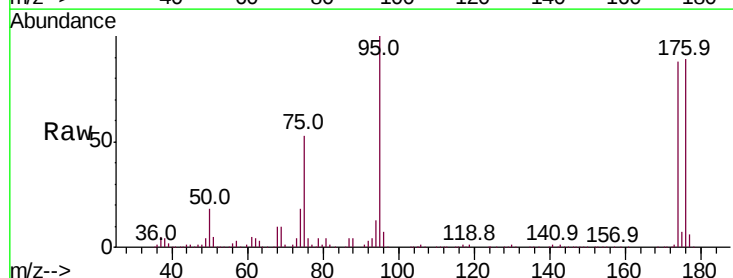
Tgt Ion: 95 Resp: 124082

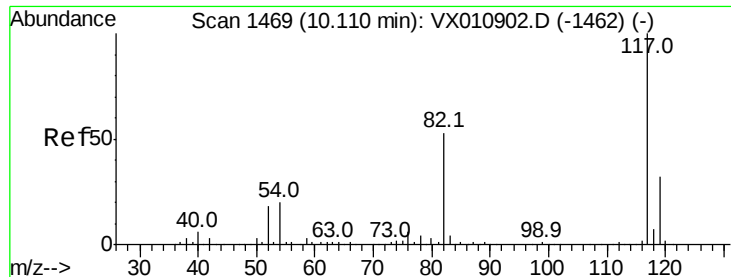
Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.6

176 87.9 0.0 173.8





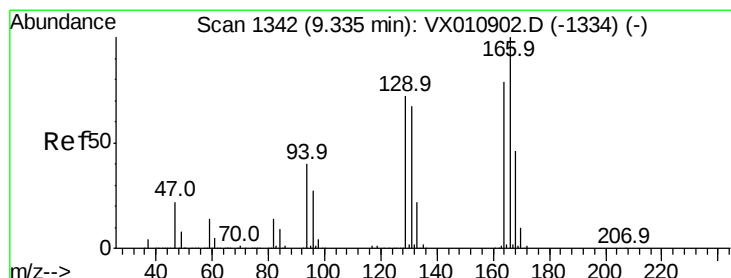
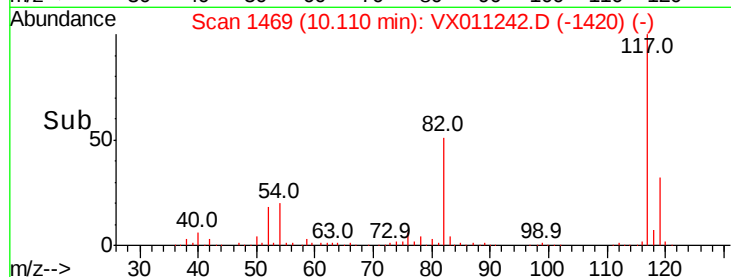
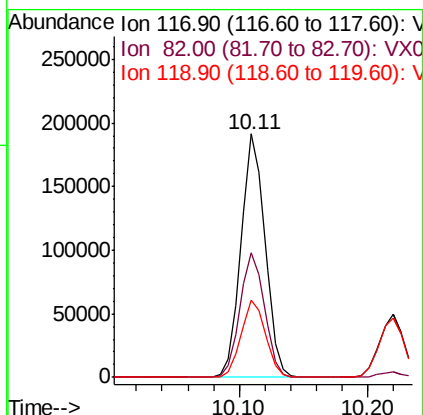
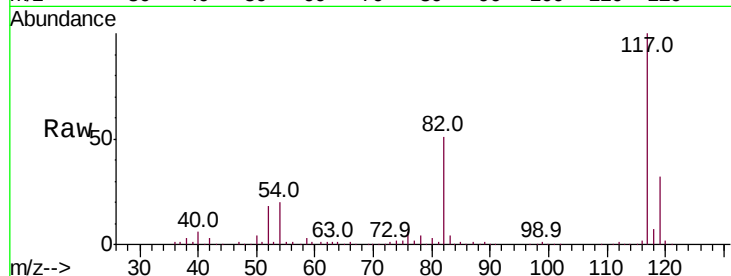
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.6	63.8
119	31.8	25.9	38.9

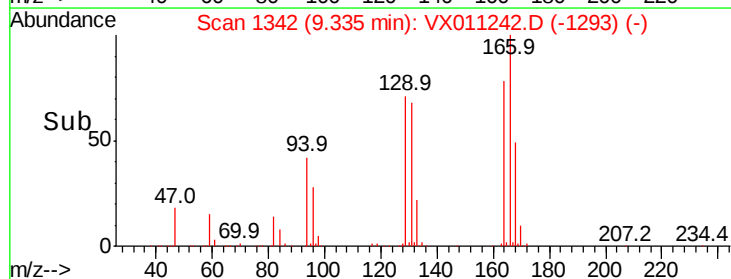
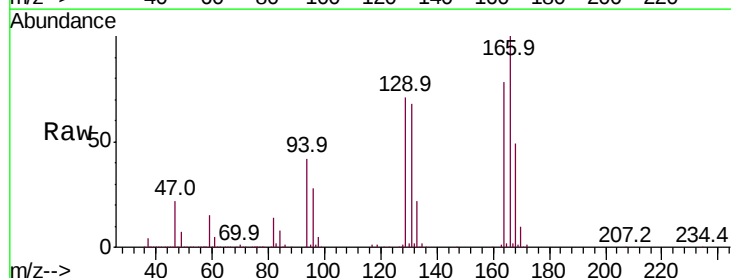
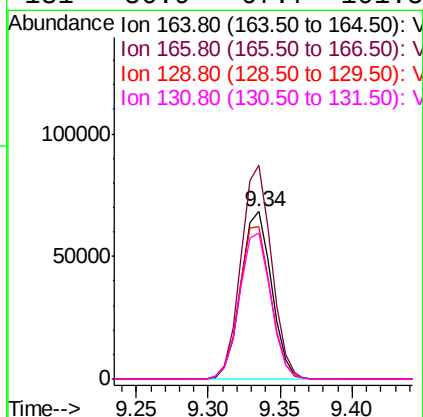
Manual Integrations
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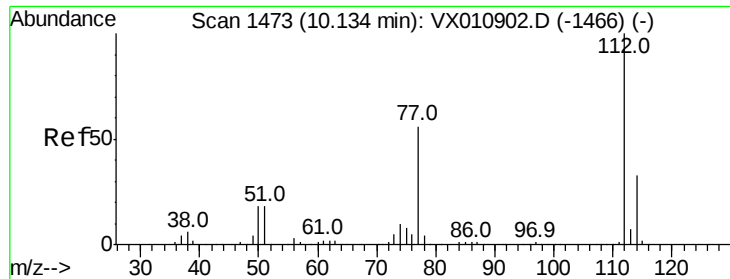
MMdadoda
8/1/2019 11:19:50 AM



#64
Tetrachloroethene
Concen: 51.840 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.8	151.2
129	90.7	72.6	109.0
131	86.9	67.7	101.5





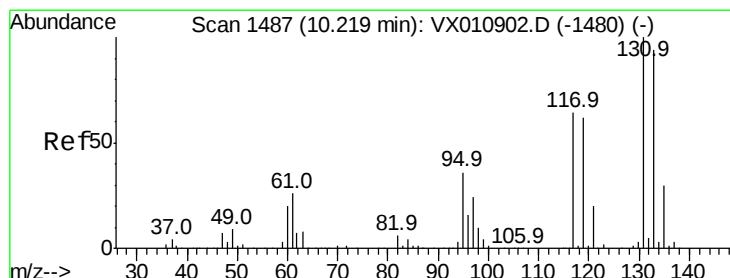
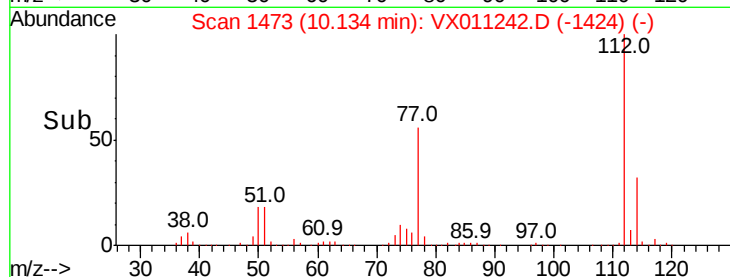
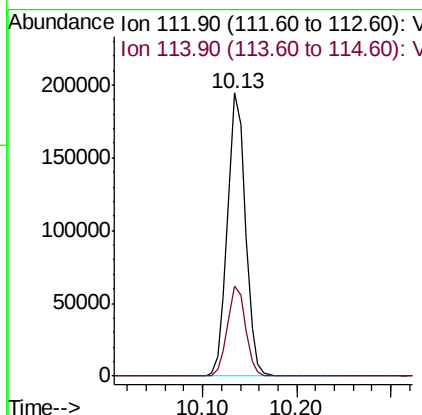
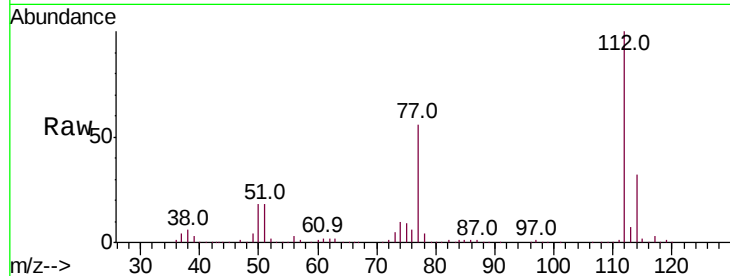
#65
Chlorobenzene
Concen: 51.190 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.4

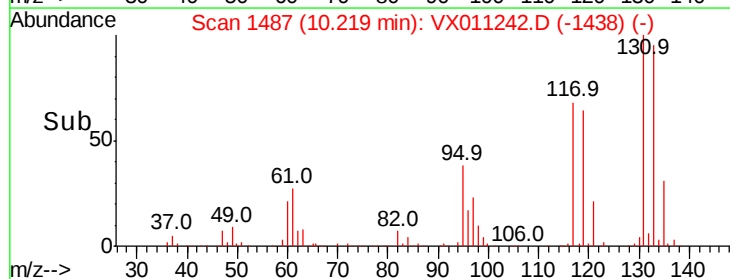
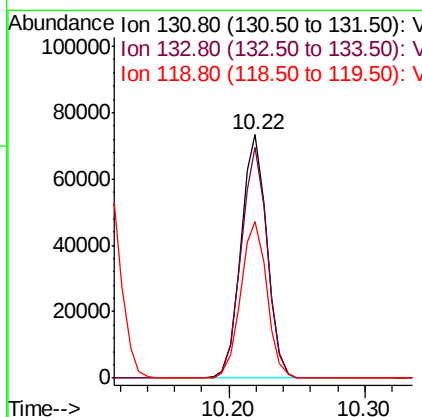
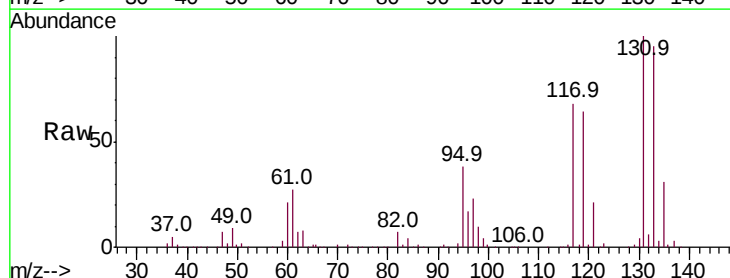
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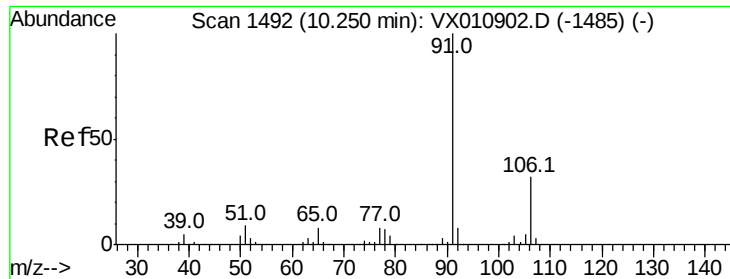
MMdadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.410 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.1	141.4
119	65.1	31.9	95.7





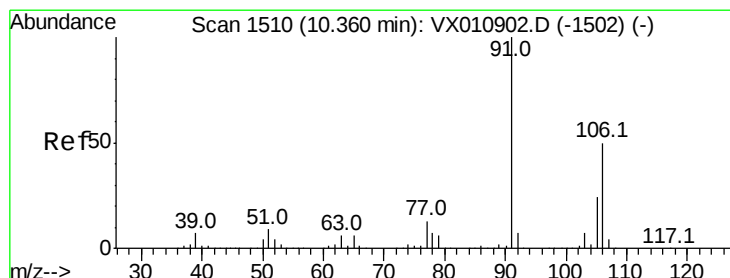
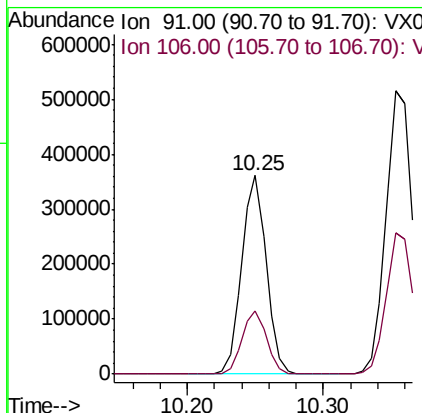
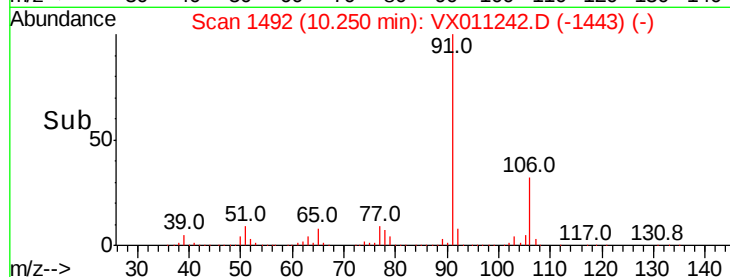
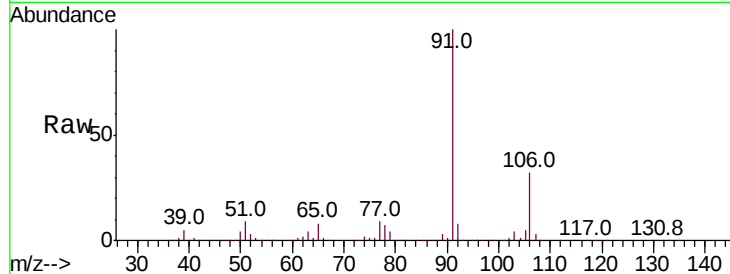
#67
Ethyl Benzene
Concen: 52.636 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 455539
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2

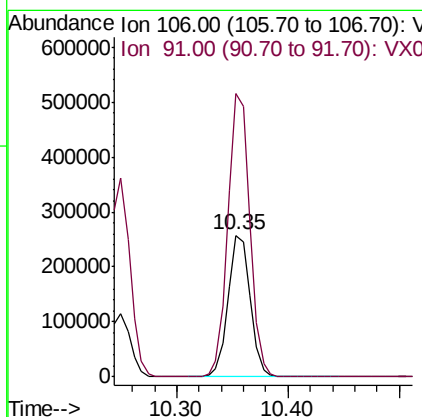
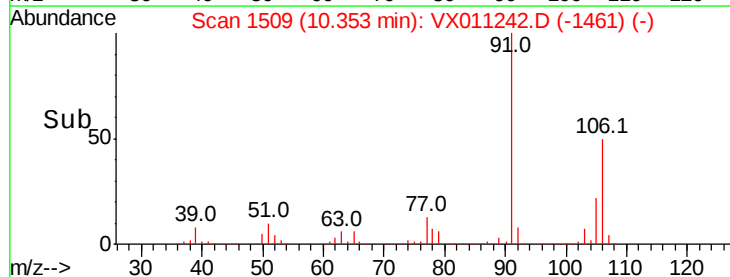
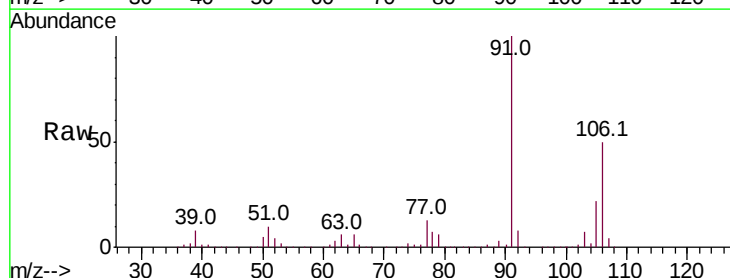
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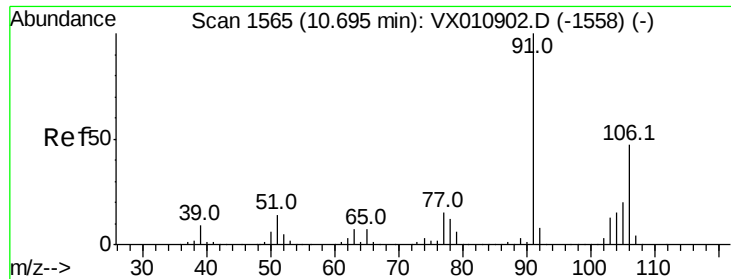
MMDadoda
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#68
m/p-Xylenes
Concen: 106.175 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion: 106 Resp: 352476
Ion Ratio Lower Upper
106 100
91 199.3 160.1 240.1





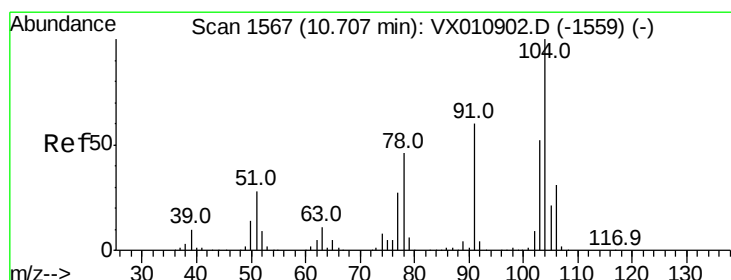
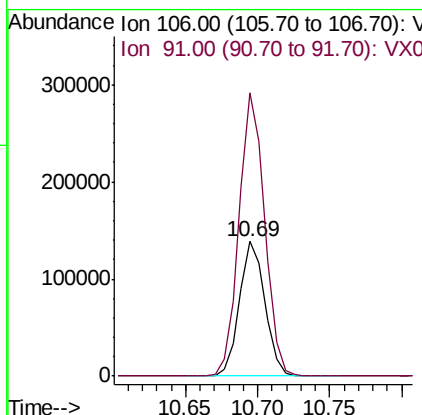
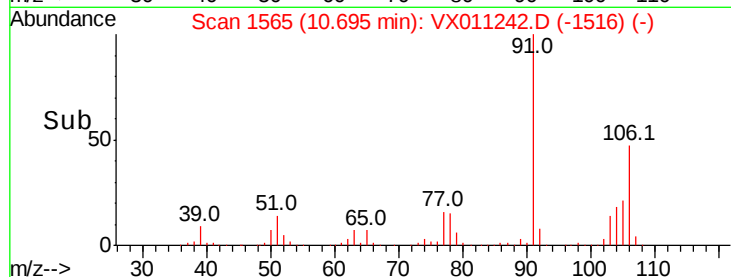
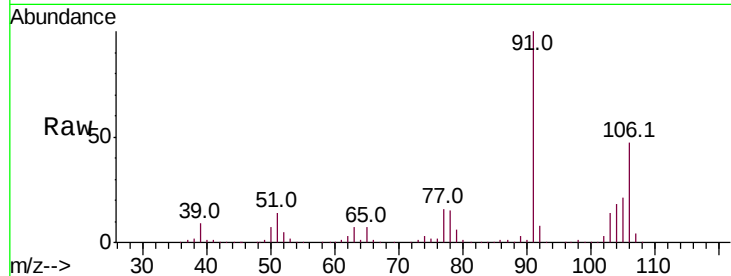
#69
o-Xylene
Concen: 52.724 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 170823
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.3

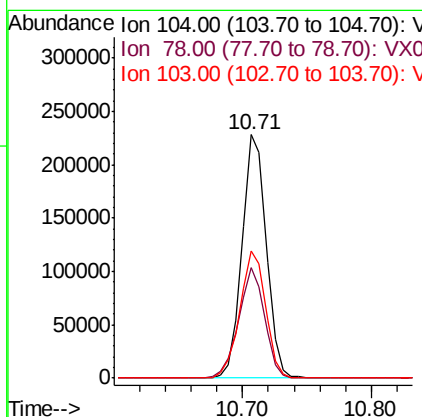
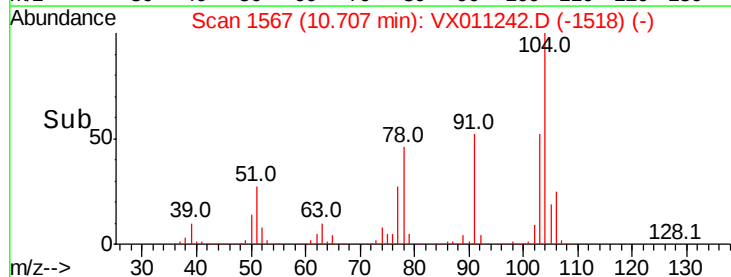
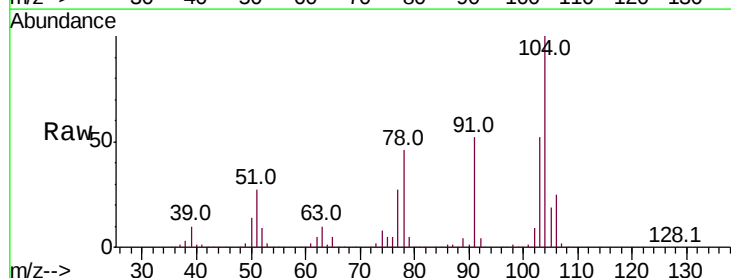
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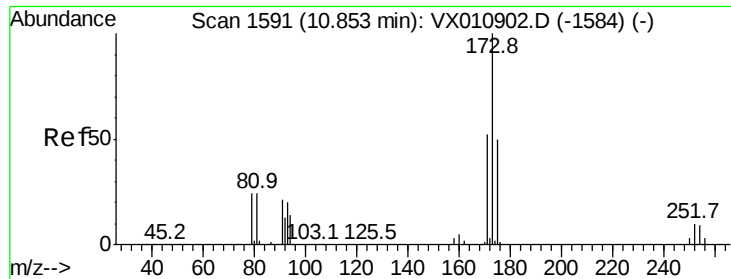
MMdadoda
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#70
Styrene
Concen: 54.797 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion:104 Resp: 295958
Ion Ratio Lower Upper
104 100
78 48.9 38.8 58.2
103 55.8 44.2 66.4





#71

Bromoform

Concen: 48.293 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 78426

Ion Ratio Lower Upper

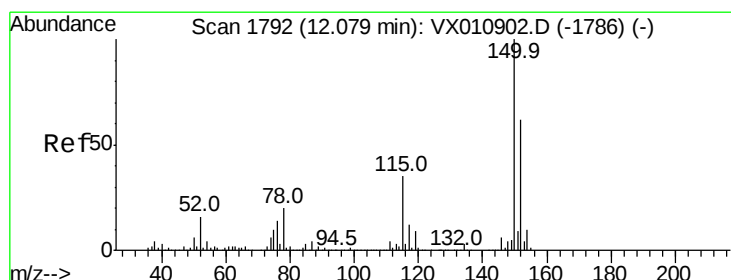
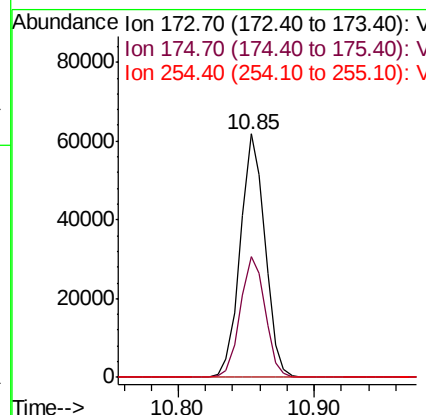
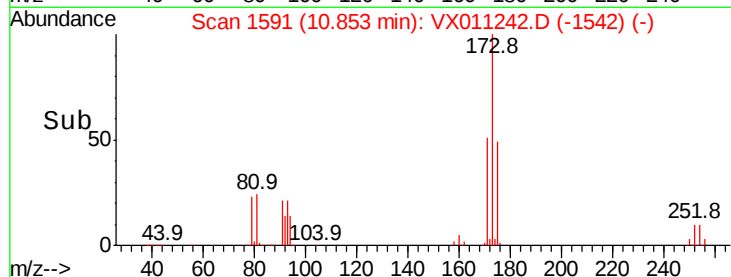
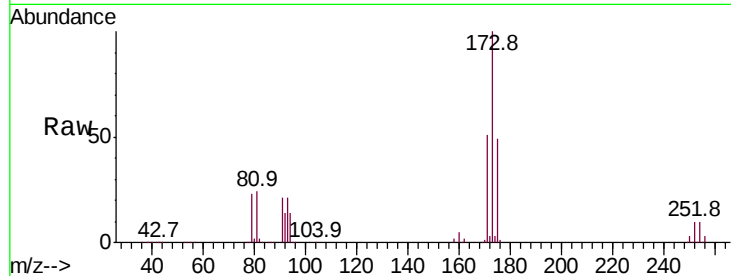
173 100

175 49.8 24.6 73.6

254 0.2 0.1 0.1#

Manual Integrations
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MMdadoda
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

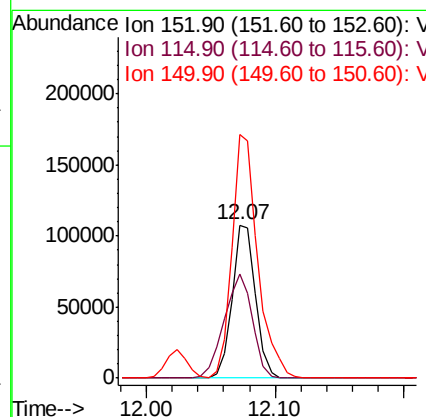
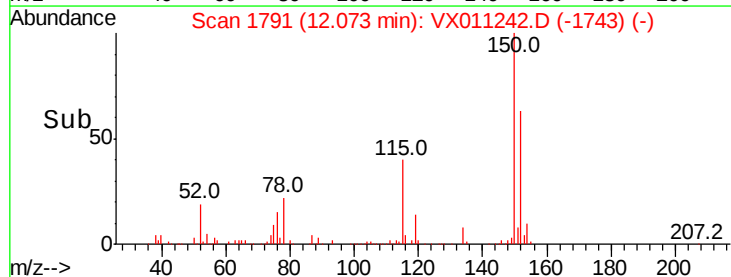
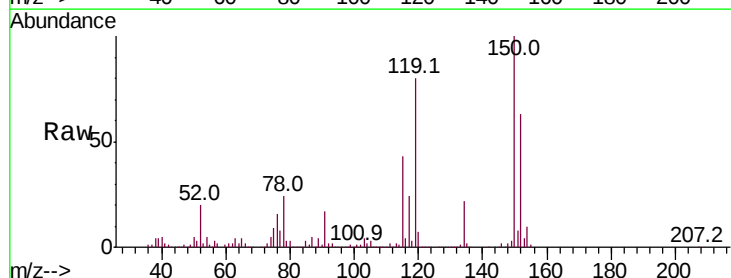
Tgt Ion:152 Resp: 136217

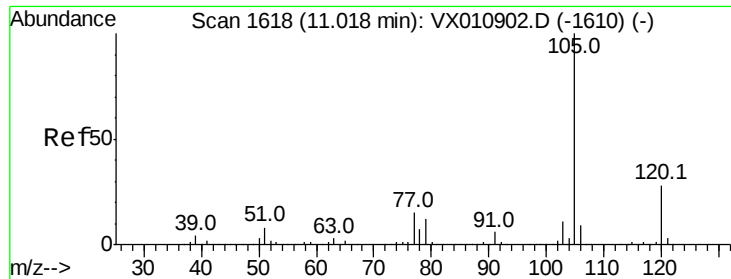
Ion Ratio Lower Upper

152 100

115 83.1 39.7 119.1

150 175.3 0.0 345.6





#73

Isopropylbenzene

Concen: 51.439 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 473455

Ion Ratio Lower Upper

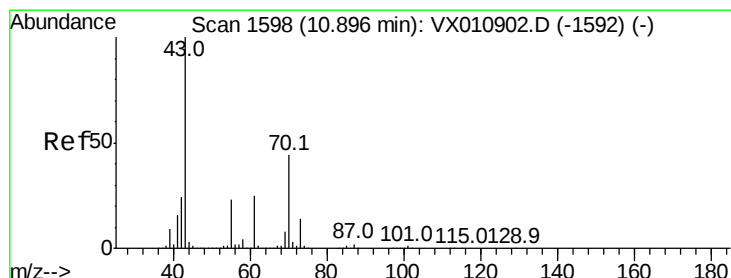
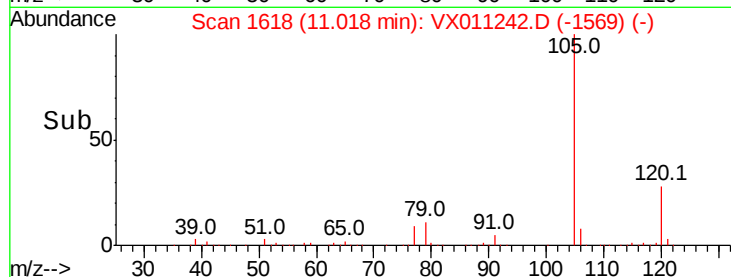
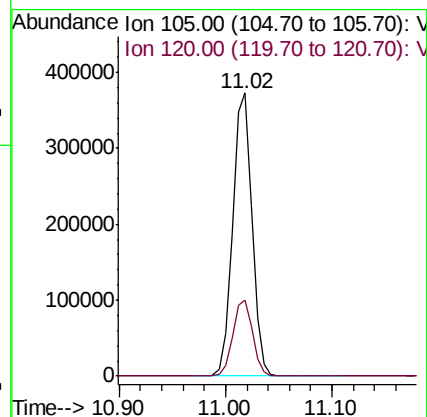
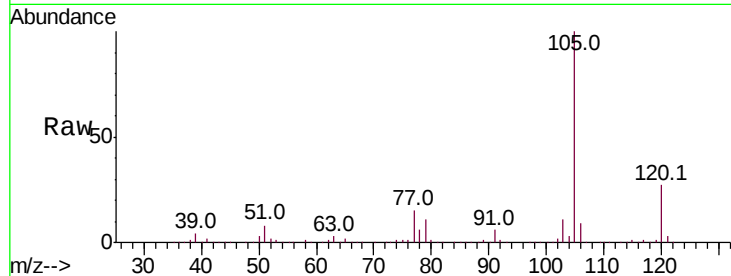
105 100

120 27.4 13.7 41.1

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#74

N-ethyl acetate

Concen: 50.153 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Tgt Ion: 43 Resp: 176380

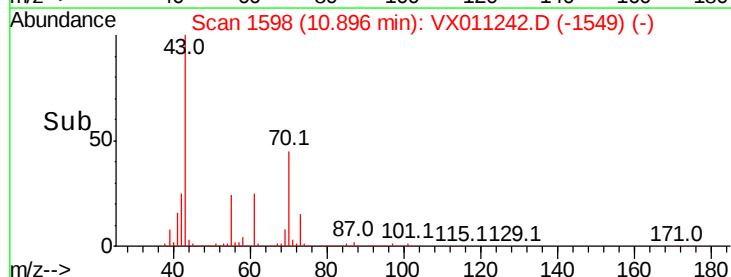
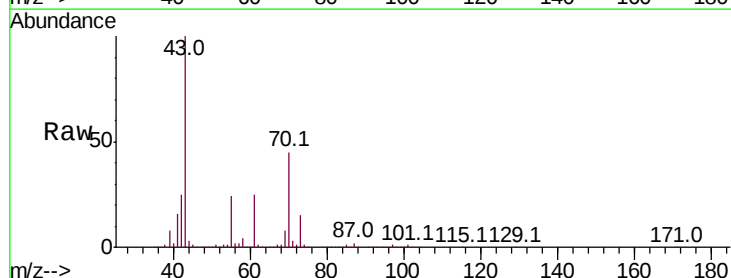
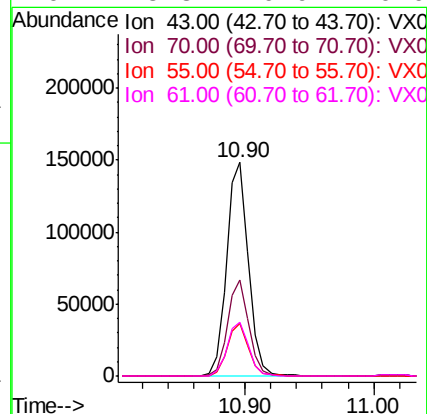
Ion Ratio Lower Upper

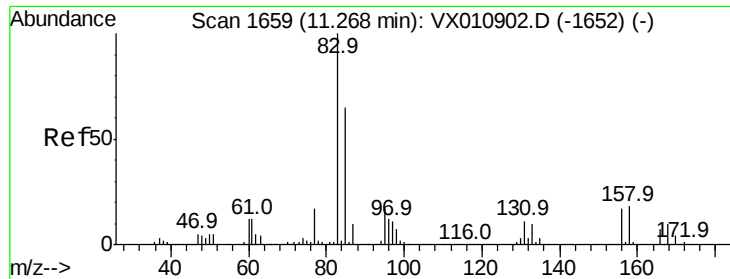
43 100

70 43.9 34.7 52.1

55 24.1 19.1 28.7

61 25.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.182 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

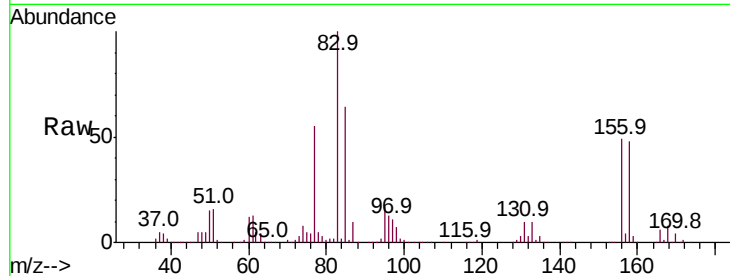
ClientSampled :

VSTDCCC050

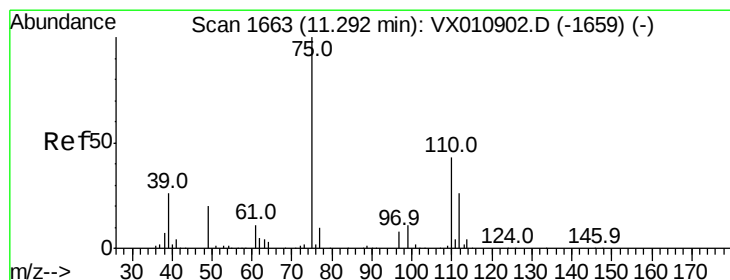
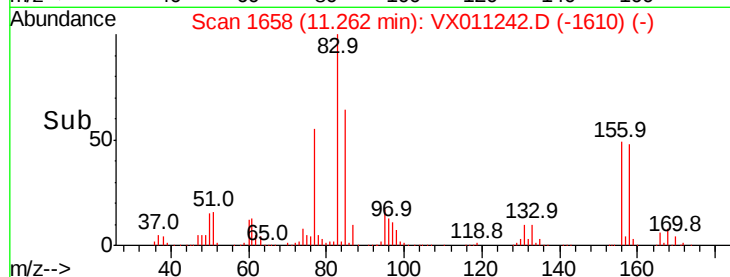
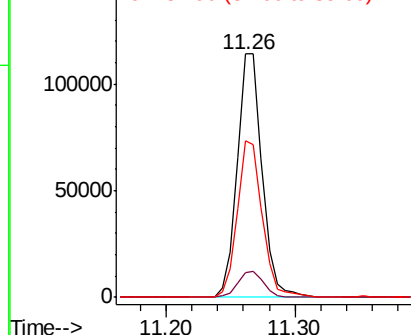
Tot Ion:	83	Resp:	154167
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.6	32.3	96.9

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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: 52.664 ug/l m

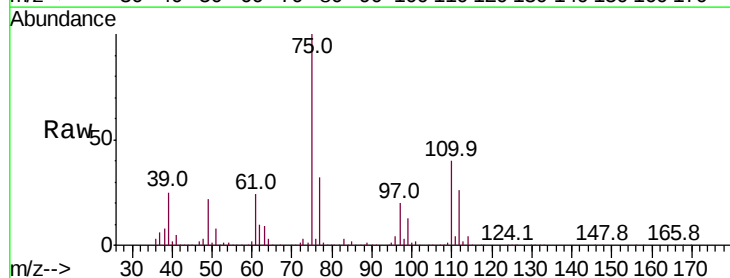
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

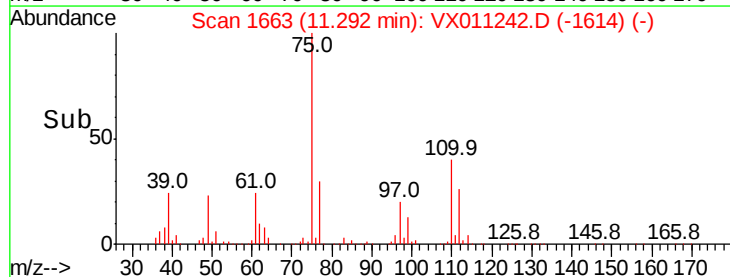
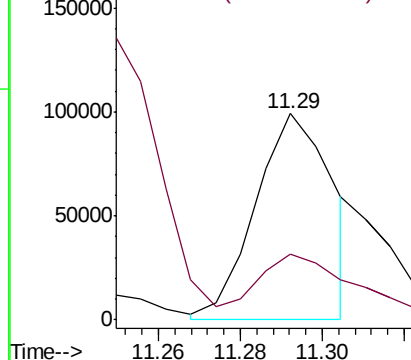
Lab File: VX011242.D

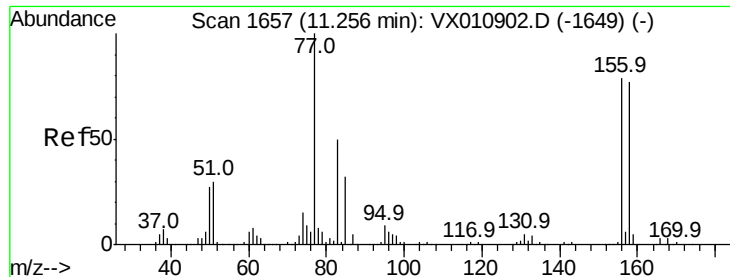
Acq: 31 Jul 2019 14:05

Tgt Ion:	75	Resp:	129453
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





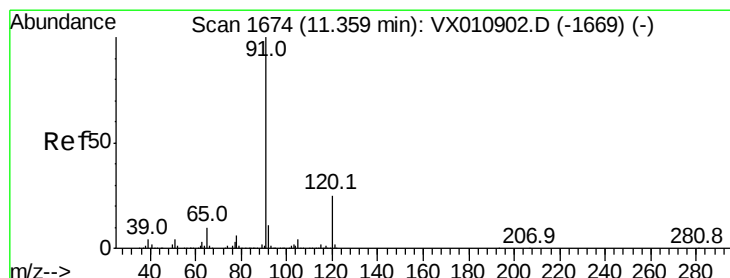
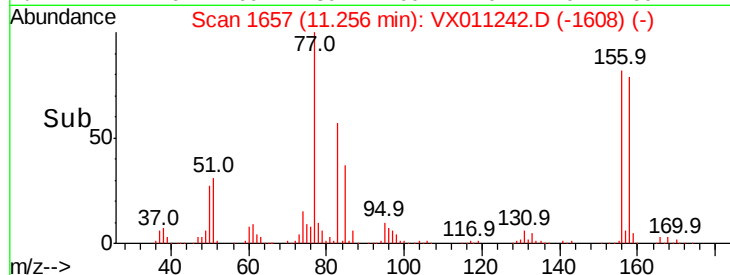
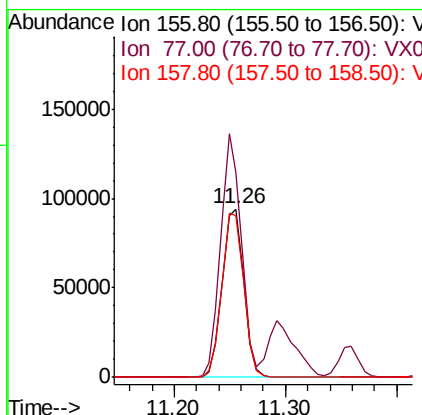
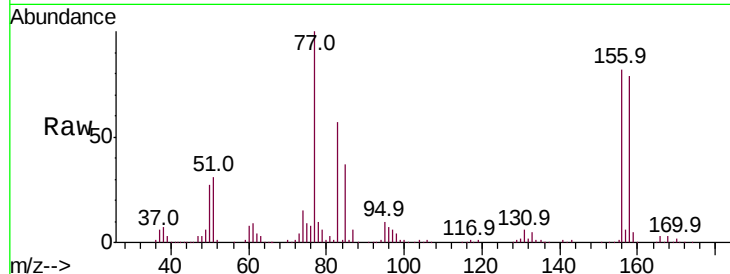
#77
Bromobenzene
Concen: 49.780 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	139.0	68.7	206.1
158	98.6	47.9	143.7

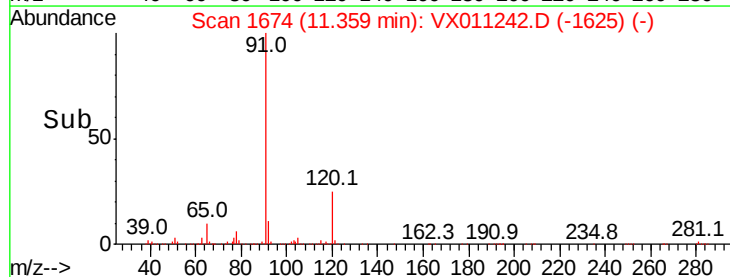
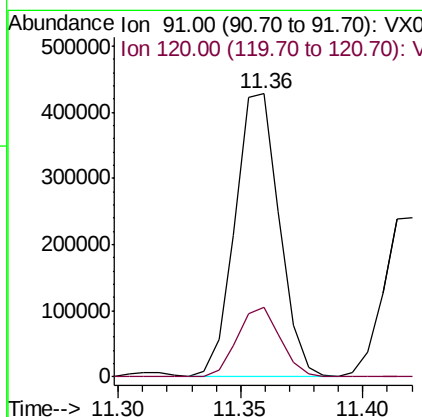
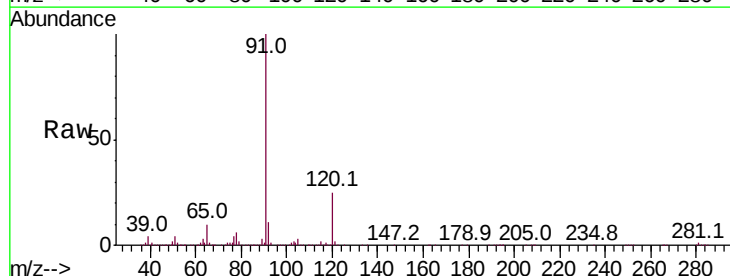
Manual Integrations
APPROVED

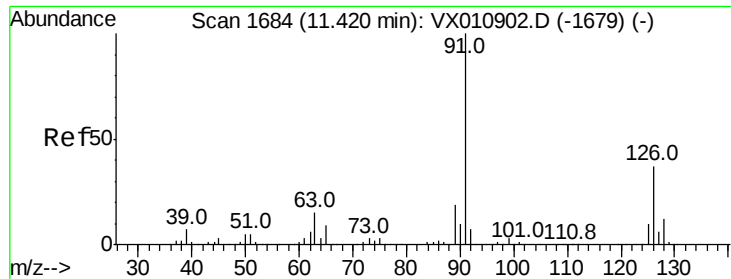
MMDadoda
8/1/2019 11:19:50 AM



#78
n-propylbenzene
Concen: 52.796 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.3	36.8





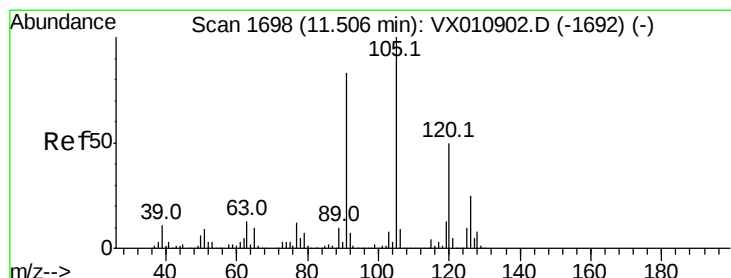
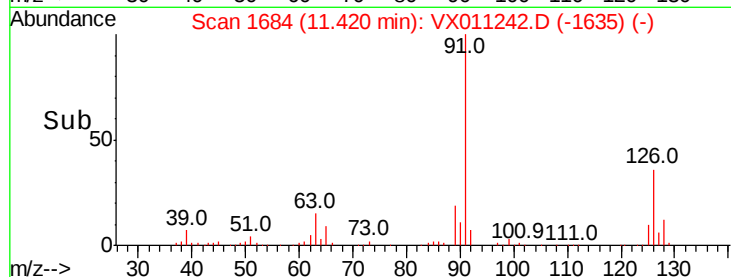
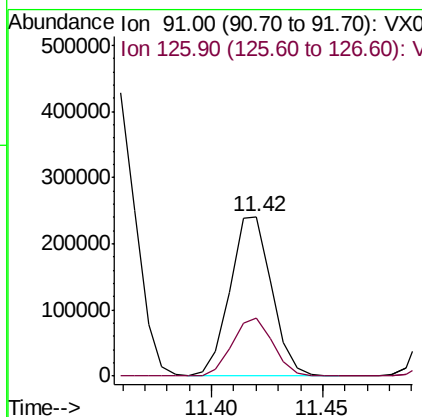
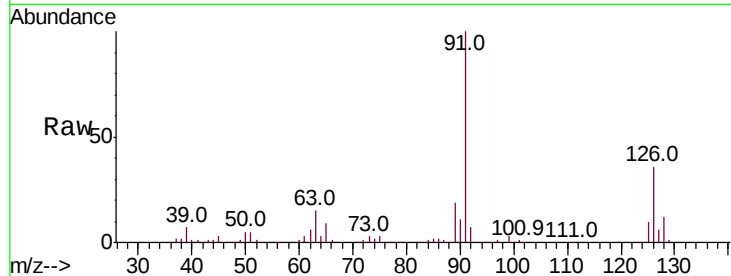
#79
 2-Chlorotoluene
 Concen: 51.130 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 312369
 Ion Ratio Lower Upper
 91 100
 126 35.8 18.0 54.0

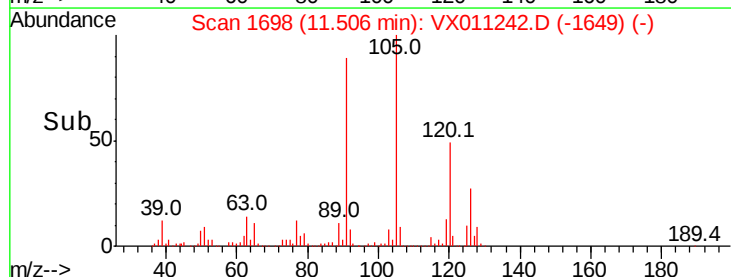
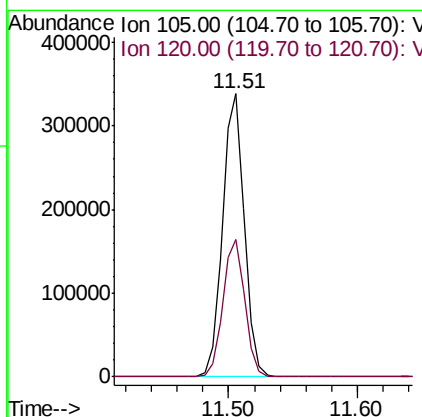
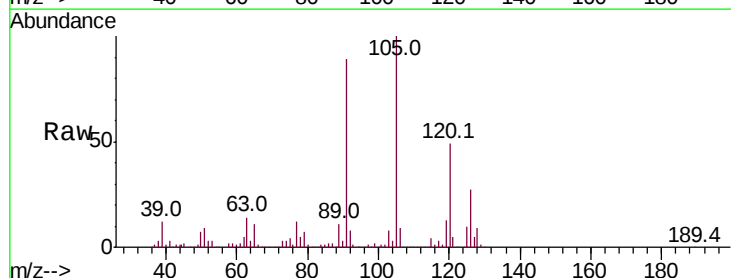
Manual Integrations
 APPROVED

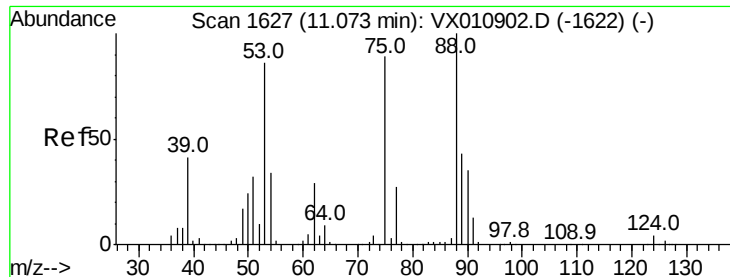
MMDadoda
 8/1/2019 11:19:50 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.228 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion: 105 Resp: 401687
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.283 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 44593

Ion Ratio Lower Upper

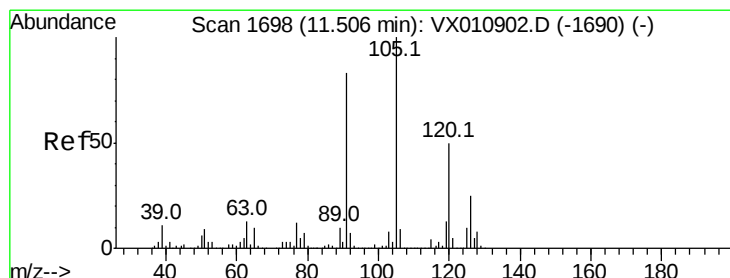
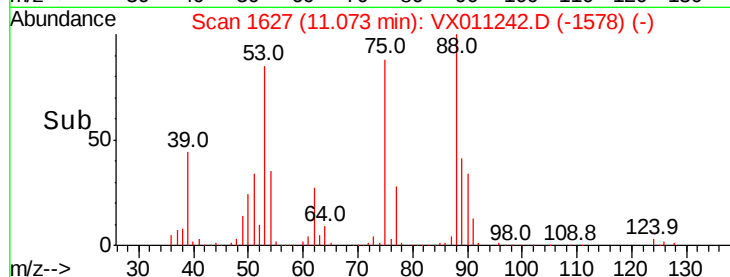
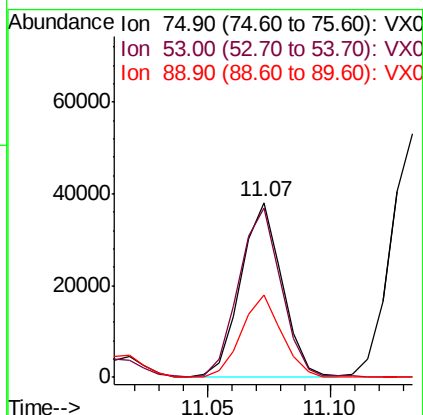
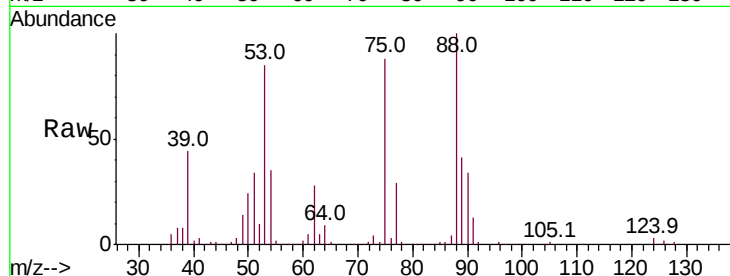
75 100

53 99.8 76.7 115.1

89 45.5 38.5 57.7

Manual Integrations
APPROVED

MMDadoda
8/1/2019 11:19:50 AM



#82

4-Chlorotoluene

Concen: 52.427 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011242.D

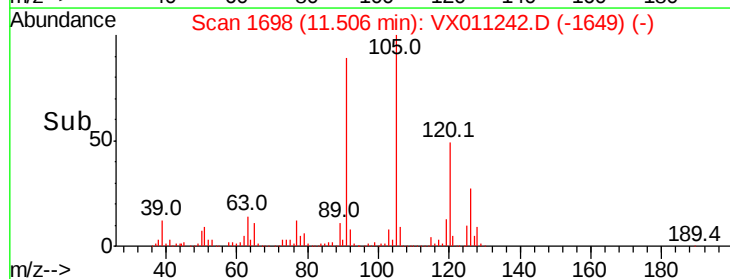
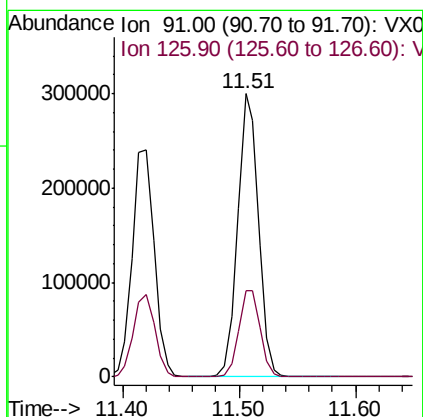
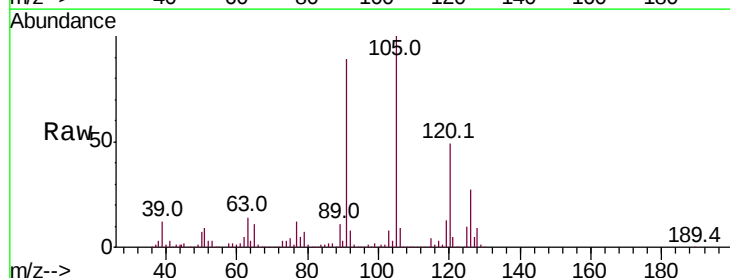
Acq: 31 Jul 2019 14:05

Tgt Ion: 91 Resp: 372787

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7





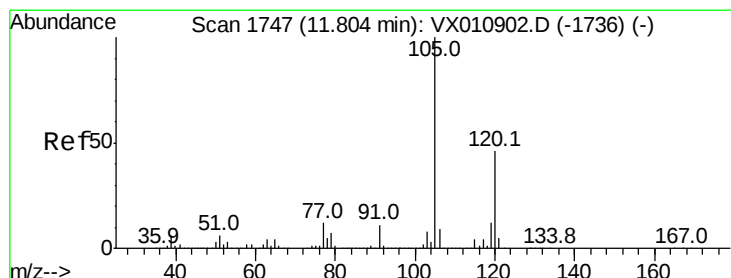
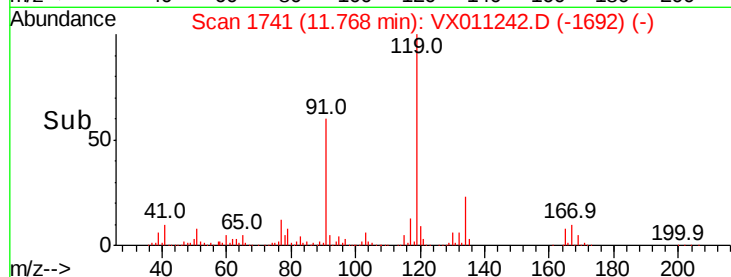
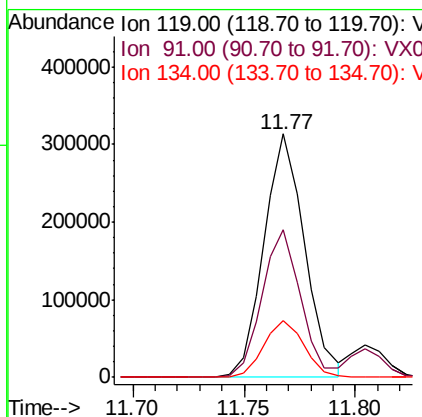
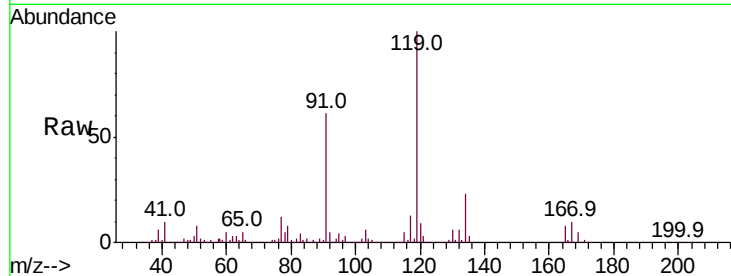
#83
tert-Butylbenzene
Concen: 52.709 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	398188		
91	58.3	28.6	85.8	
134	23.3	11.6	34.8	

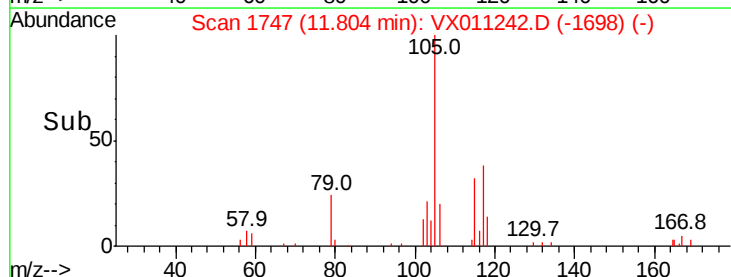
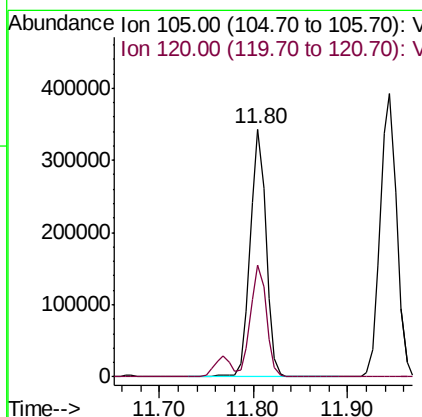
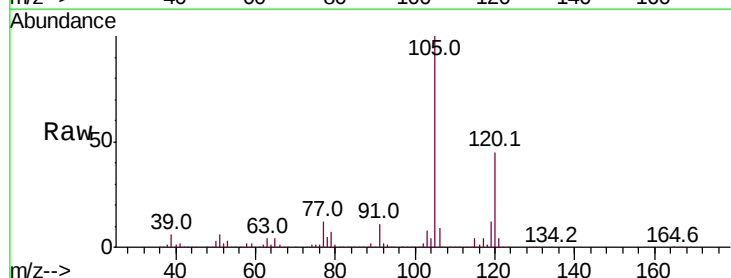
Manual Integrations
APPROVED

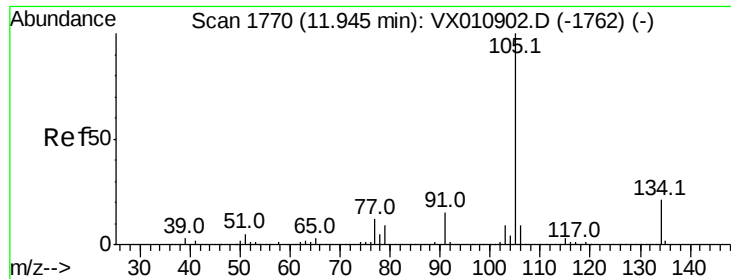
MMDadoda
8/1/2019 11:19:50 AM



#84
1,2,4-Trimethylbenzene
Concen: 52.386 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406081		
120	45.3	22.9	68.5	





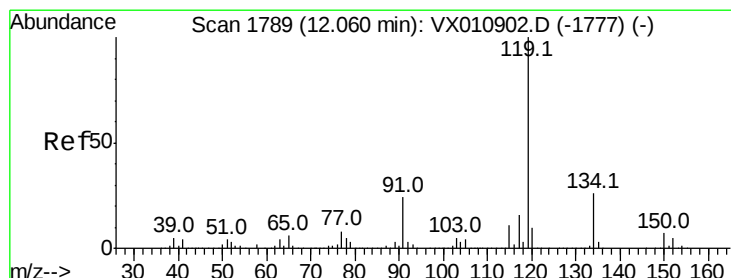
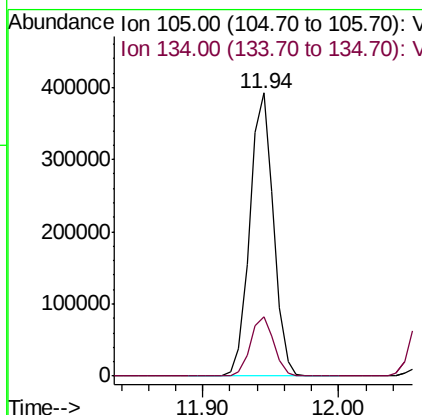
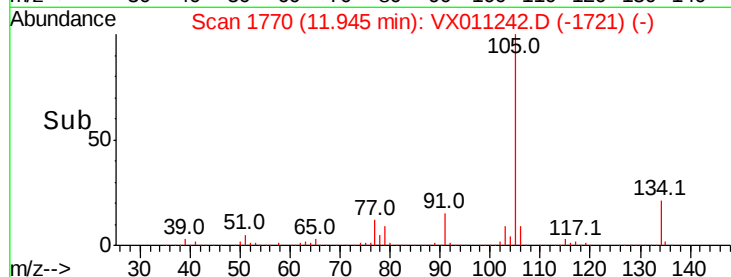
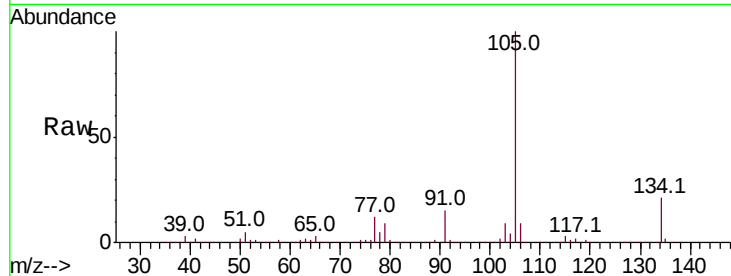
#85
 sec-Butylbenzene
 Concen: 53.882 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.4

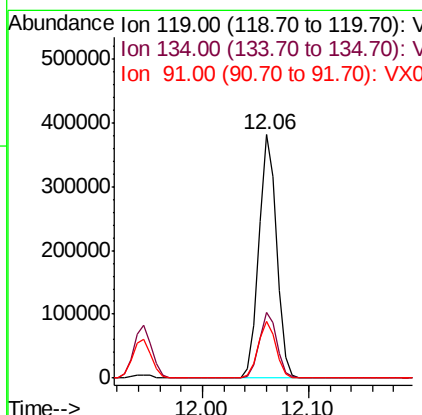
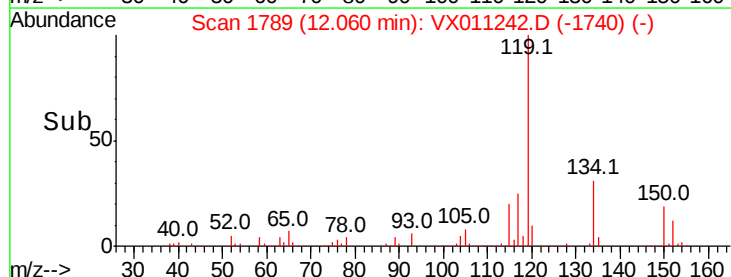
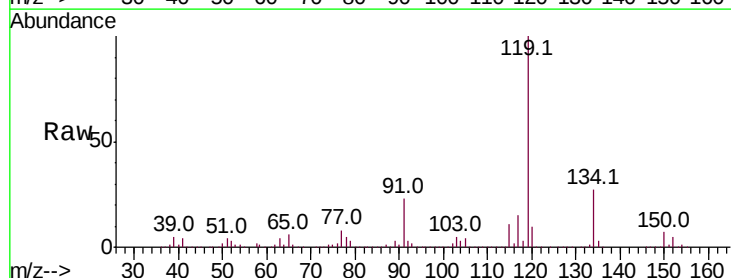
Manual Integrations
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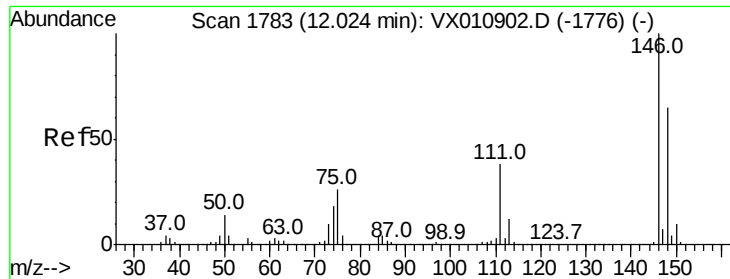
MMdadoda
 8/1/2019 11:19:50 AM



#86
 p-Isopropyltoluene
 Concen: 54.623 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	23.5	11.8	35.4





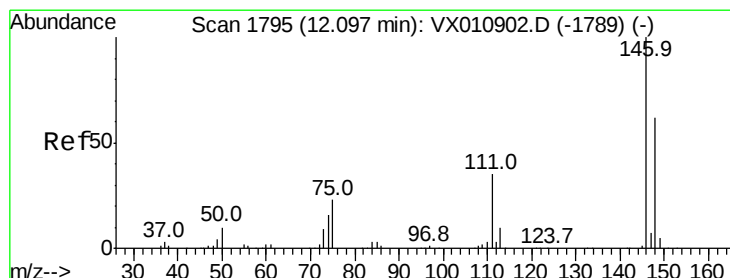
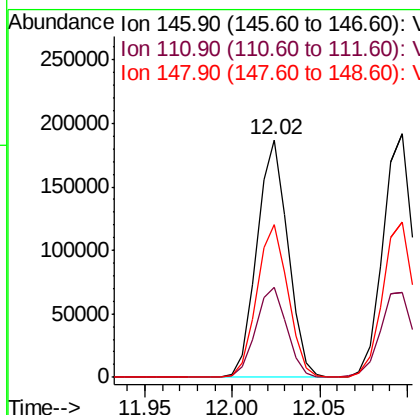
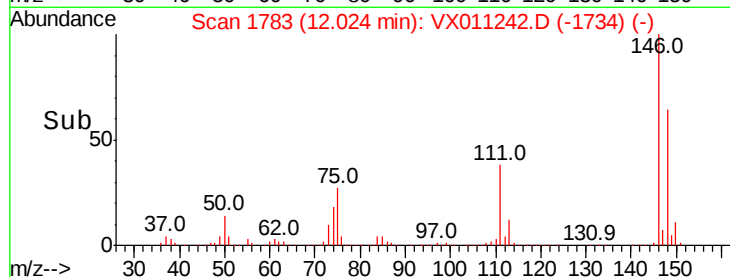
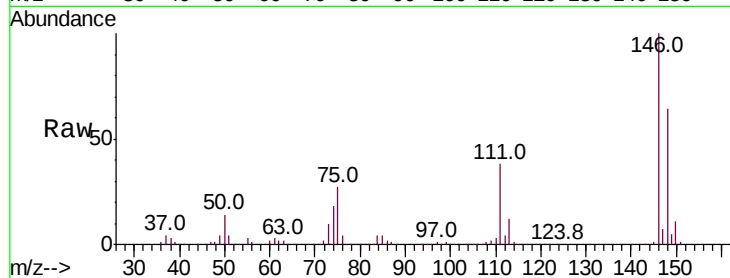
#87
 1,3-Dichlorobenzene
 Concen: 52.229 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.6	32.2	96.6

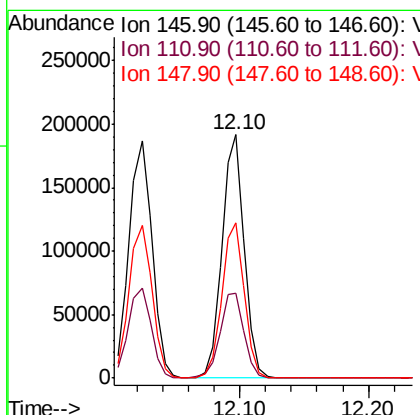
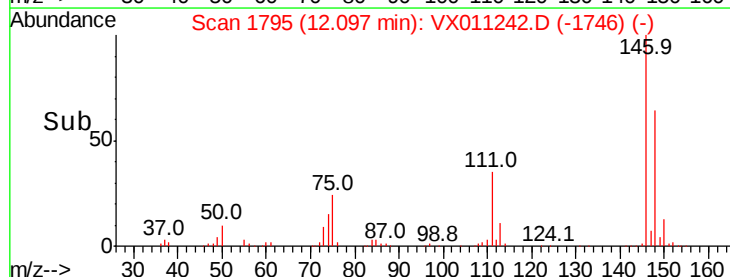
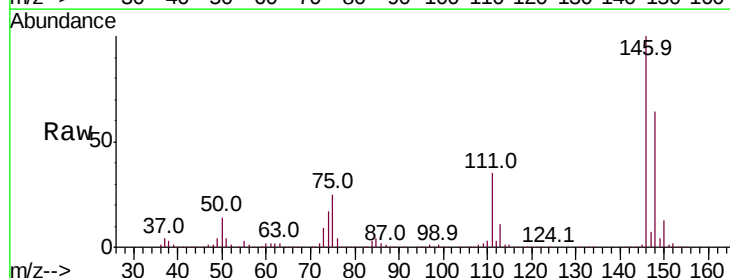
Manual Integrations
 APPROVED

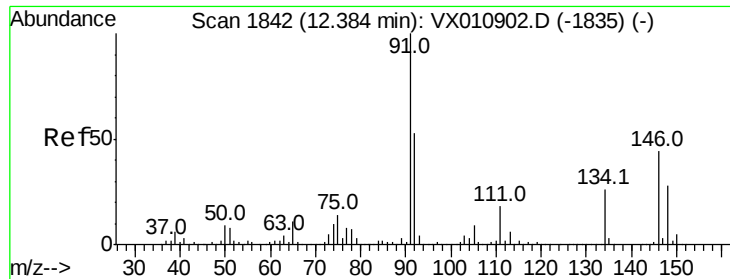
MMDadoda
 8/1/2019 11:19:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.469 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.7	31.6	94.7





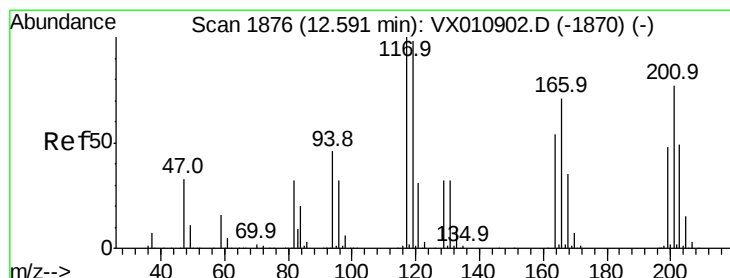
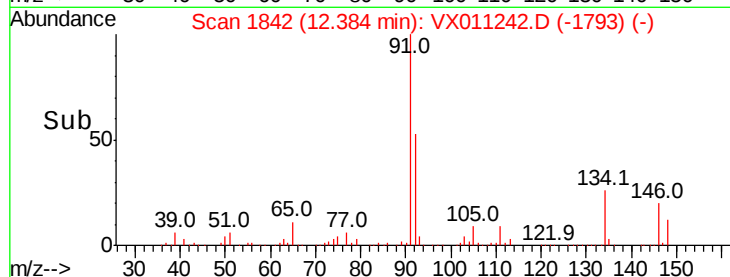
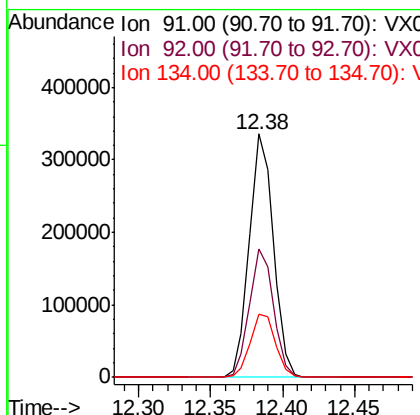
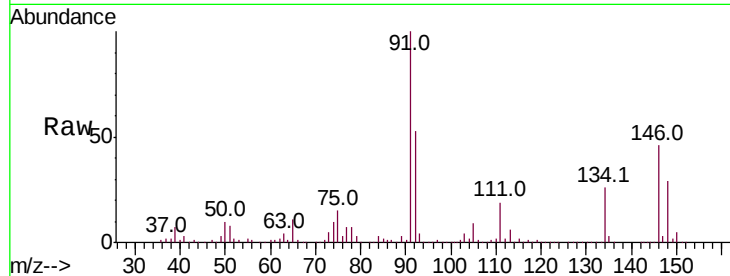
#89
n-Butylbenzene
Concen: 55.466 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.2	78.5	
134	27.2	13.8	41.3	

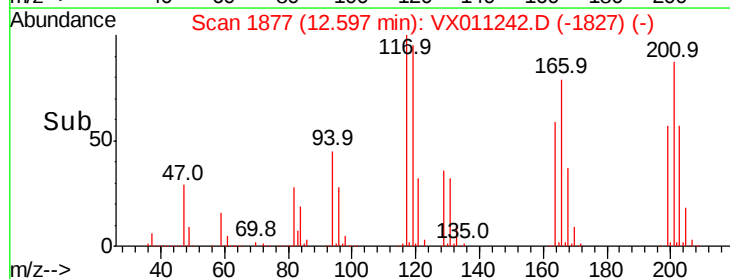
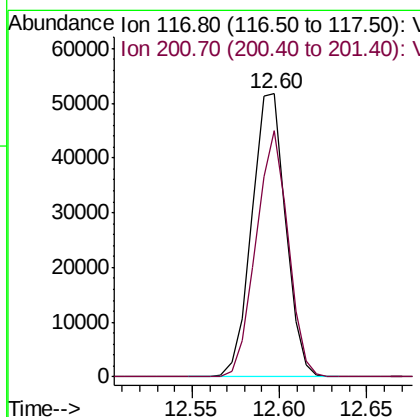
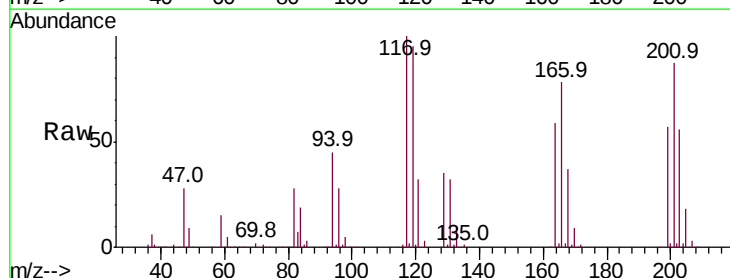
Manual Integrations
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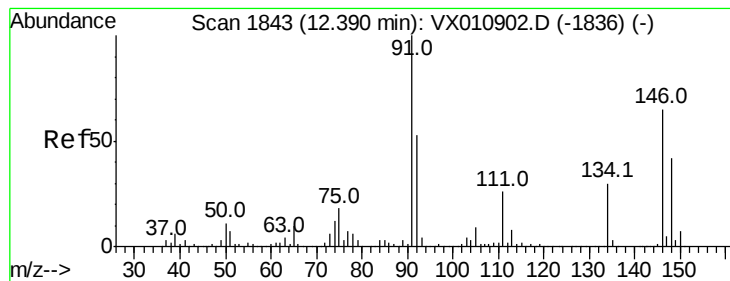
MMdadoda
8/1/2019 11:19:50 AM



#90
Hexachloroethane
Concen: 53.914 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	82.4	43.3	129.8	





#91

1,2-Dichlorobenzene

Concen: 52.313 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:146 Resp: 228428

Ion Ratio Lower Upper

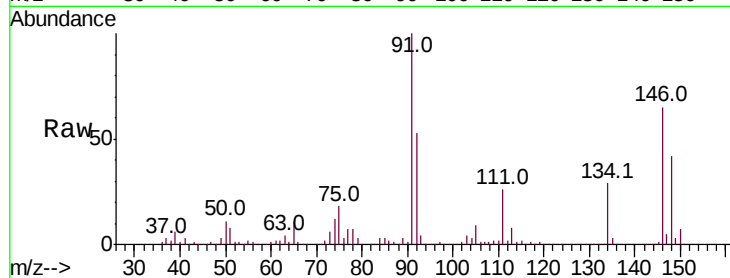
146 100

111 39.6 19.9 59.7

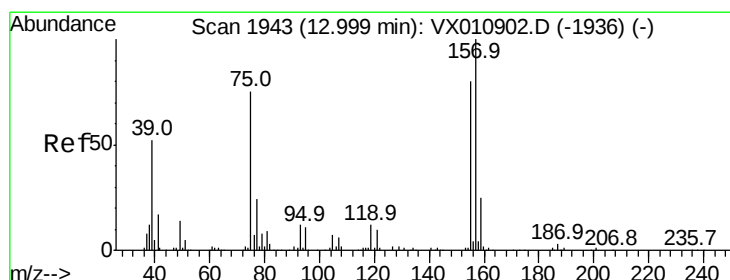
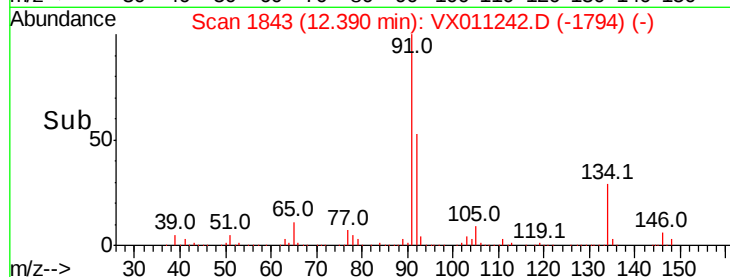
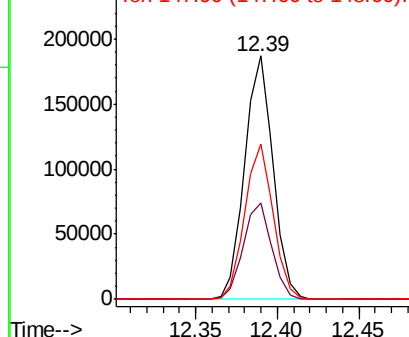
148 63.6 32.0 96.2

Manual Integrations
APPROVED

MMdadoda
8/1/2019 11:19:50 AM



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.317 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011242.D

Acq: 31 Jul 2019 14:05

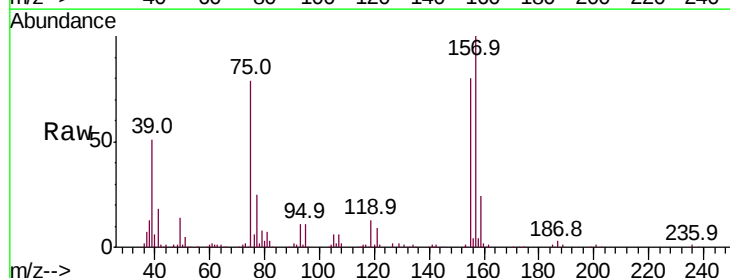
Tgt Ion: 75 Resp: 32940

Ion Ratio Lower Upper

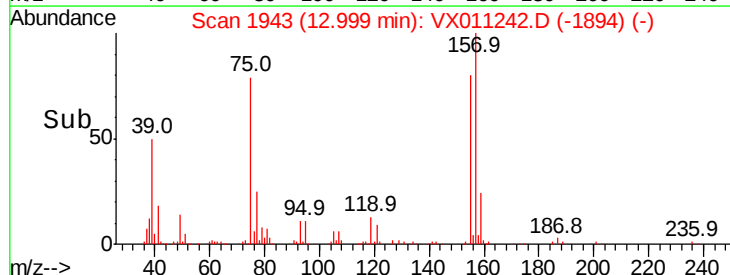
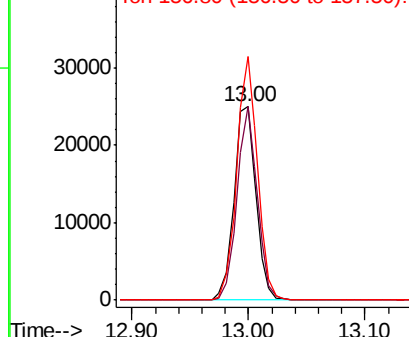
75 100

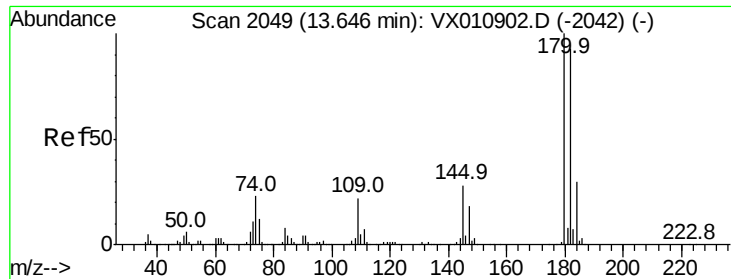
155 92.0 48.7 146.1

157 118.1 62.5 187.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





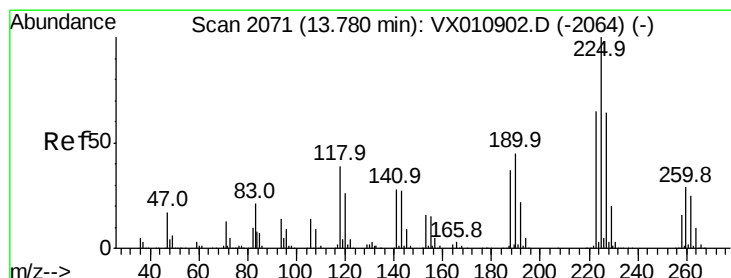
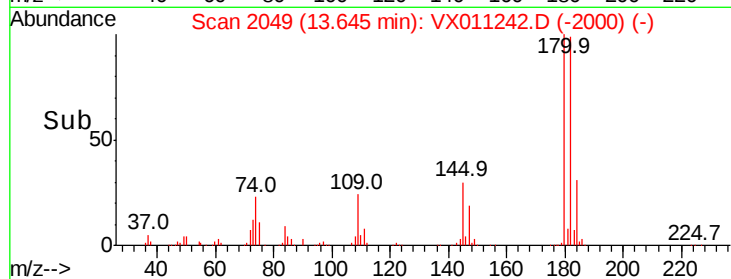
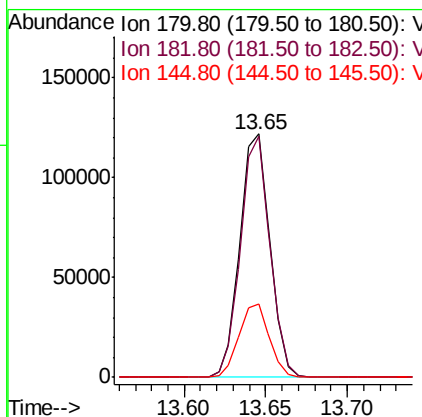
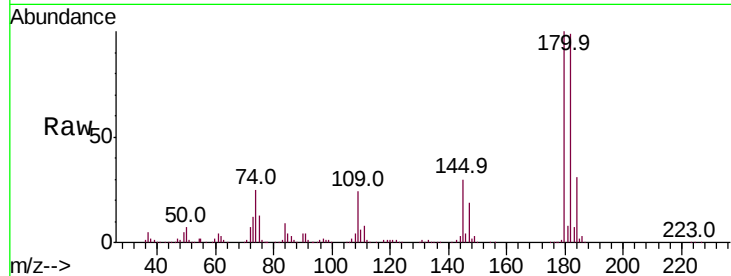
#93
 1,2,4-Trichlorobenzene
 Concen: 53.178 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157370		
182	96.9	47.1	141.3	
145	30.3	14.8	44.4	

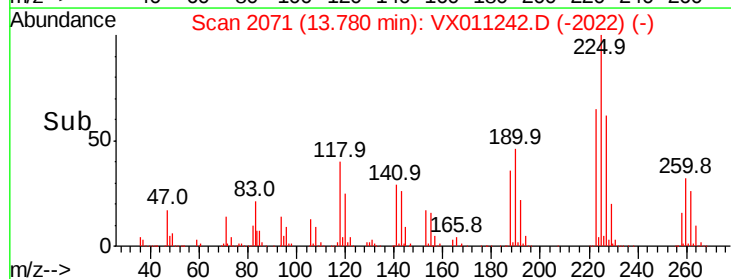
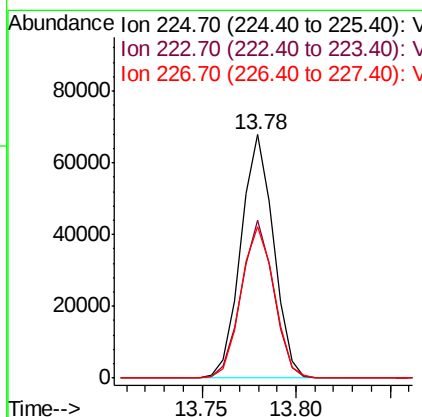
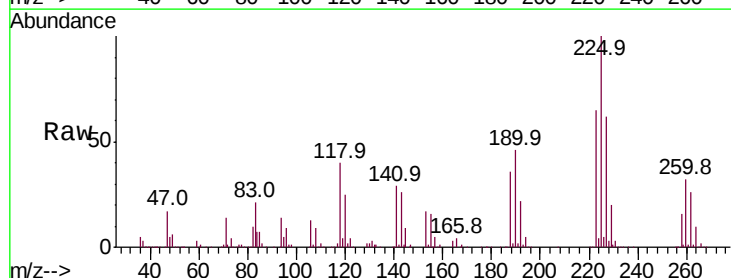
Manual Integrations
 APPROVED

MMDadoda
 8/1/2019 11:19:50 AM



#94
 Hexachlorobutadiene
 Concen: 55.613 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011242.D
 Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81555		
223	63.8	31.9	95.9	
227	63.2	32.5	97.4	





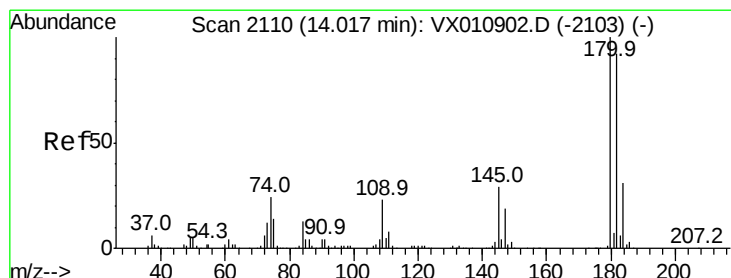
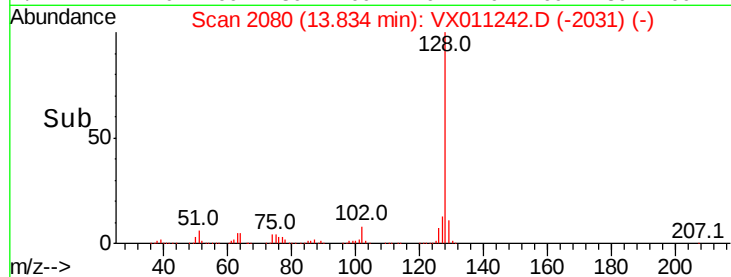
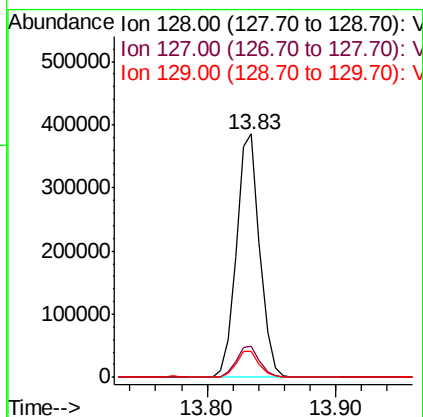
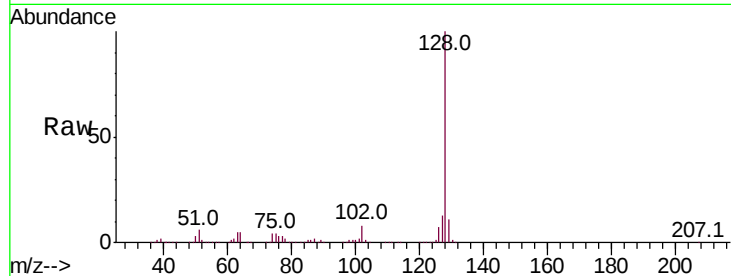
#95
Naphthalene
Concen: 55.148 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	481917		
127	12.9		10.4	15.6
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/1/2019 11:19:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.110 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011242.D
Acq: 31 Jul 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159324		
182	97.1		47.4	142.3
145	31.4		15.1	45.3

