

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012426.D
 Acq On : 16 Sep 2019 23:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 12:14:40 PM

Quant Time: Sep 17 05:49:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	187766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	176855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	115662	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	81631	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	
50) Toluene-d8	8.71	98	307302	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	125731	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	56000	50.810	ug/l	98
3) Chloromethane	1.32	50	45058	51.414	ug/l	95
4) Vinyl Chloride	1.40	62	50681	52.952	ug/l	99
5) Bromomethane	1.62	94	17055	41.822	ug/l	96
6) Chloroethane	1.70	64	34972	55.151	ug/l	99
7) Trichlorofluoromethane	1.92	101	95329	54.241	ug/l	98
8) Diethyl Ether	2.18	74	40181	52.487	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65927	52.088	ug/l	99
10) Methyl Iodide	2.50	142	40538	33.508	ug/l	99
11) Tert butyl alcohol	3.04	59	150337	254.759	ug/l	98
12) 1,1-Dichloroethene	2.36	96	53463	53.675	ug/l	87
13) Acrolein	2.28	56	53811	211.621	ug/l	98
14) Allyl chloride	2.72	41	124587	54.240	ug/l	98
15) Acrylonitrile	3.13	53	257481	263.805	ug/l	100
16) Acetone	2.44	43	244368	232.640	ug/l	99
17) Carbon Disulfide	2.56	76	73329	49.478	ug/l	100
18) Methyl Acetate	2.76	43	126867	54.242	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	289169	53.718	ug/l	99
20) Methylene Chloride	2.84	84	70056	48.883	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	55575	51.900	ug/l	93
22) Diisopropyl ether	3.84	45	284985	54.035	ug/l	96
23) Vinyl Acetate	3.80	43	1230953	282.755	ug/l	98
24) 1,1-Dichloroethane	3.69	63	139398	52.822	ug/l	99
25) 2-Butanone	4.66	43	390918	261.222	ug/l	99
26) 2,2-Dichloropropane	4.57	77	112030	44.504	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	81883	52.178	ug/l	98
28) Bromochloromethane	5.00	49	65938	48.789	ug/l	96
29) Tetrahydrofuran	5.12	42	237343	273.449	ug/l	98
30) Chloroform	5.20	83	153638	50.381	ug/l	97
31) Cyclohexane	5.57	56	87224	54.286	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	132615	52.351	ug/l	100
36) 1,1-Dichloropropene	5.79	75	87198	50.255	ug/l	100
37) Ethyl Acetate	4.82	43	141523	52.975	ug/l	99
38) Carbon Tetrachloride	5.77	117	109273	51.605	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88702	53.222	ug/l	97
40) Benzene	6.14	78	279000	52.182	ug/l	100
41) Methacrylonitrile	5.03	41	82177	53.875	ug/l	98
42) 1,2-Dichloroethane	6.19	62	125932	51.731	ug/l	99
43) Isopropyl Acetate	6.44	43	241688	52.728	ug/l	99
44) Trichloroethene	7.20	130	72302	50.350	ug/l	99
45) 1,2-Dichloropropane	7.51	63	83565	51.142	ug/l	98
46) Dibromomethane	7.65	93	54001	49.539	ug/l	97
47) Bromodichloromethane	7.89	83	124634	51.213	ug/l	97
48) Methyl methacrylate	7.76	41	114384	50.304	ug/l	98
49) 1,4-Dioxane	7.73	88	52139	996.948	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	789516	265.823	ug/l	99
52) Toluene	8.78	92	179831	51.670	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	129609	51.355	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	134086	51.398	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89324	48.843	ug/l	98
56) Ethyl methacrylate	9.17	69	147190	53.496	ug/l	98
57) 1,3-Dichloropropane	9.37	76	145907	50.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	387380	261.583	ug/l	98
59) 2-Hexanone	9.49	43	607425	265.280	ug/l	99
60) Dibromochloromethane	9.58	129	97790	46.689	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85116	50.596	ug/l	99
64) Tetrachloroethene	9.33	164	58652	50.013	ug/l	98
65) Chlorobenzene	10.14	112	208984	50.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89844	51.284	ug/l	98
67) Ethyl Benzene	10.25	91	369281	52.404	ug/l	99
68) m/p-Xylenes	10.36	106	269821	103.731	ug/l	100
69) o-Xylene	10.70	106	138701	51.420	ug/l	97
70) Styrene	10.71	104	248444	53.083	ug/l	99
71) Bromoform	10.85	173	69744	45.716	ug/l #	99
73) Isopropylbenzene	11.01	105	392065	53.500	ug/l	99
74) N-amyl acetate	10.89	43	222695	57.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	153793	52.335	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	144285m	52.914	ug/l	
77) Bromobenzene	11.25	156	94897	50.292	ug/l	96
78) n-propylbenzene	11.35	91	442885	53.475	ug/l	99
79) 2-Chlorotoluene	11.42	91	277373	52.169	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	336889	52.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47154	48.817	ug/l	98
82) 4-Chlorotoluene	11.51	91	326860	52.718	ug/l	99
83) tert-Butylbenzene	11.77	119	355064	52.456	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	349340	53.951	ug/l	99
85) sec-Butylbenzene	11.94	105	397626	53.136	ug/l	99
86) p-Isopropyltoluene	12.06	119	367365	53.584	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	173465	49.109	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178424	49.944	ug/l	99
89) n-Butylbenzene	12.39	91	324851	53.655	ug/l	99
90) Hexachloroethane	12.59	117	68902	51.986	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	185574	51.323	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42028	54.144	ug/l	96

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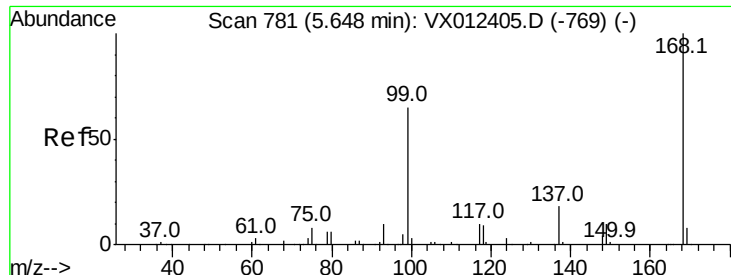
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121495	50.217	ug/l	99
94) Hexachlorobutadiene	13.78	225	54204	46.524	ug/l	98
95) Naphthalene	13.83	128	459221	51.403	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	124414	51.558	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 114137

Ion Ratio Lower Upper

168 100

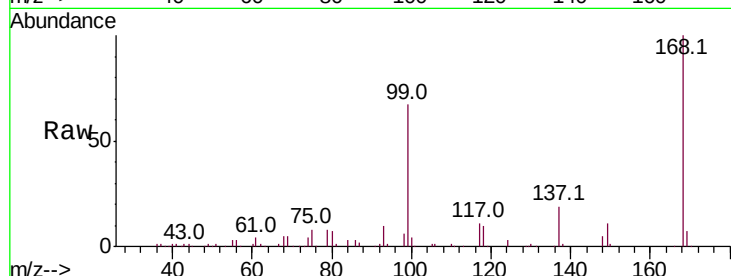
99 66.8 51.8 77.6

Manual Integrations

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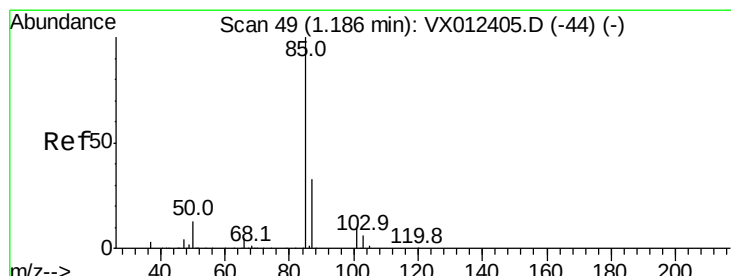
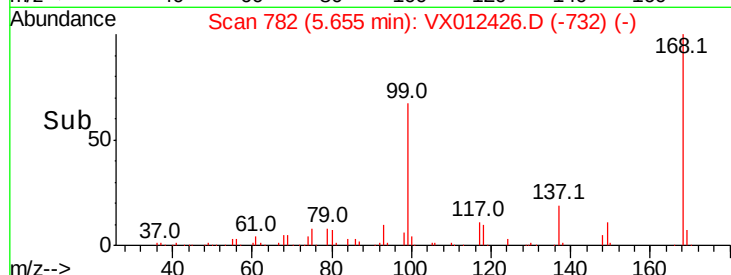
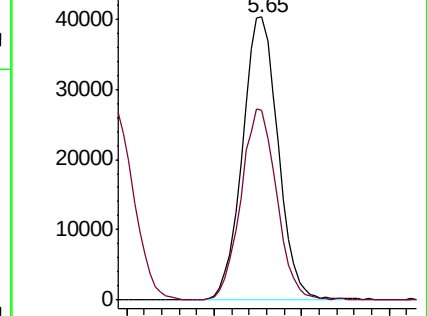
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.810 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012426.D

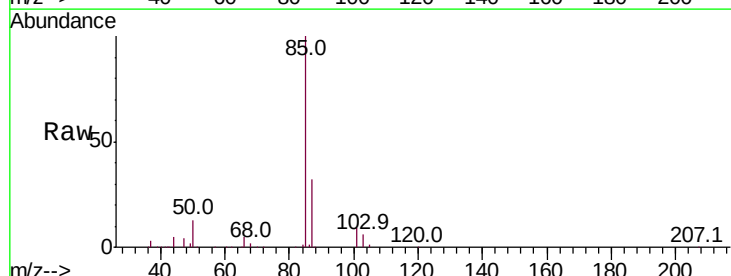
Acq: 16 Sep 2019 23:22

Tgt Ion: 85 Resp: 56000

Ion Ratio Lower Upper

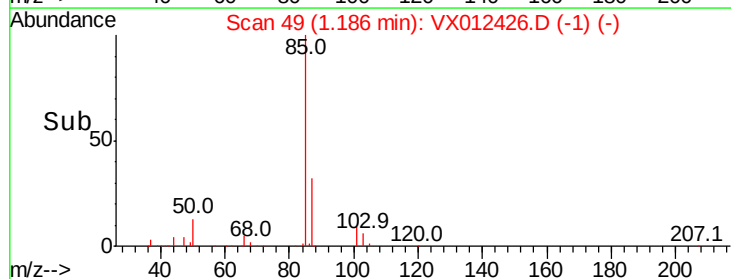
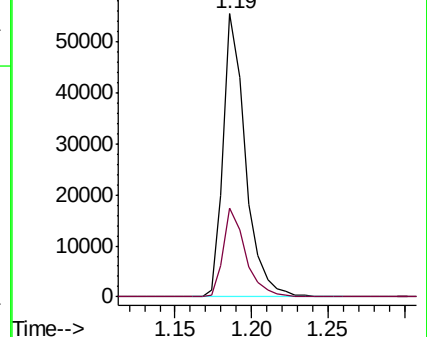
85 100

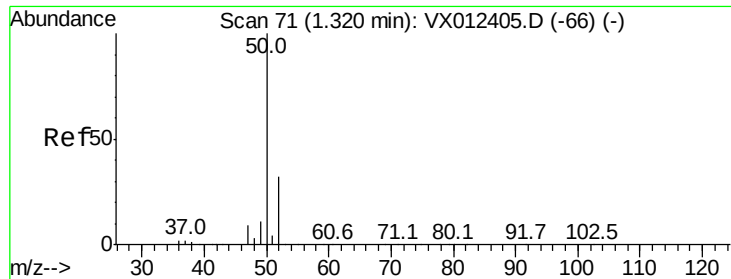
87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.414 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 45058

Ion Ratio Lower Upper

50 100

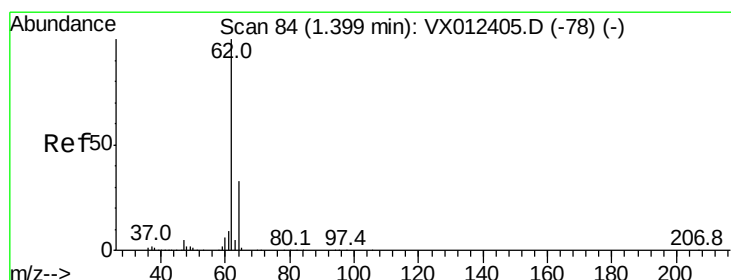
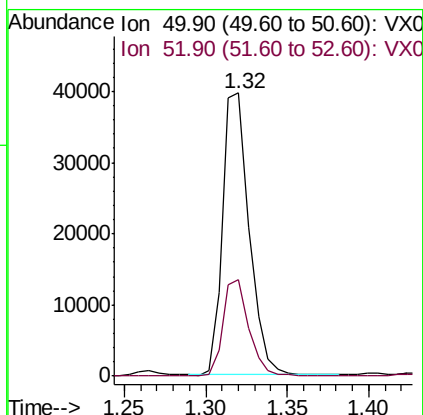
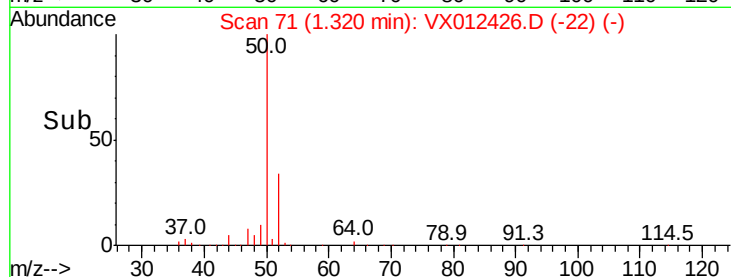
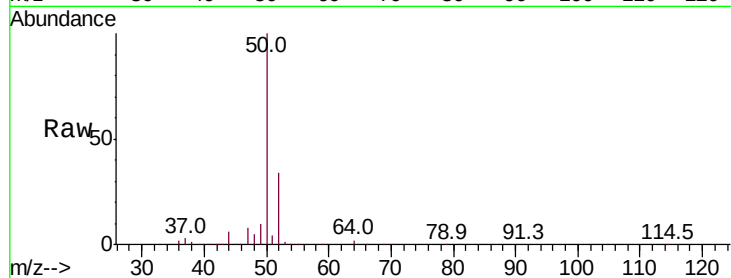
52 34.5 25.4 38.2

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#4

Vinyl Chloride

Concen: 52.952 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012426.D

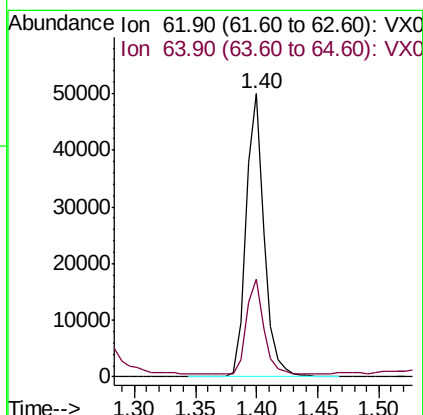
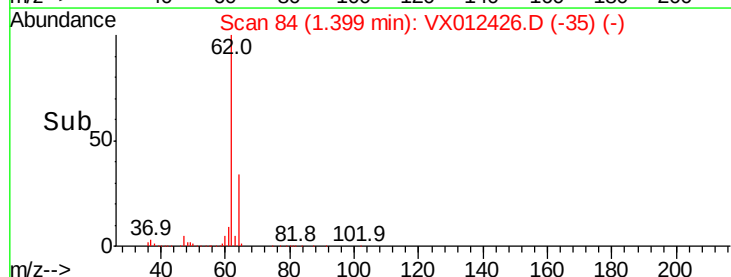
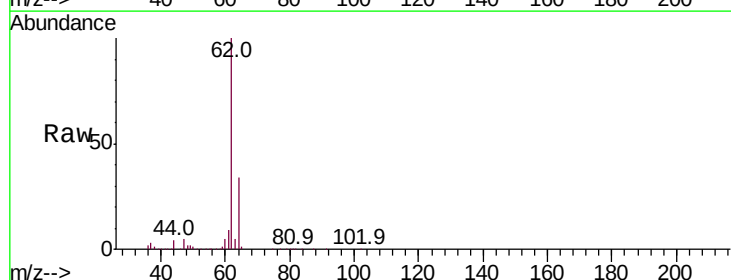
Acq: 16 Sep 2019 23:22

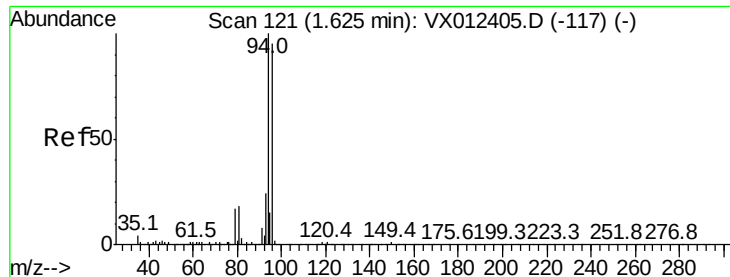
Tgt Ion: 62 Resp: 50681

Ion Ratio Lower Upper

62 100

64 33.1 26.2 39.2





#5

Bromomethane

Concen: 41.822 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 17055

Ion Ratio Lower Upper

94 100

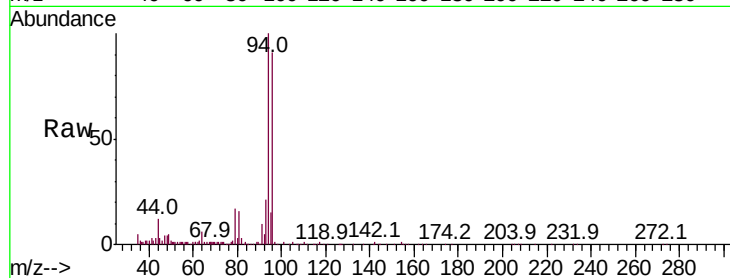
96 90.6 75.7 113.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

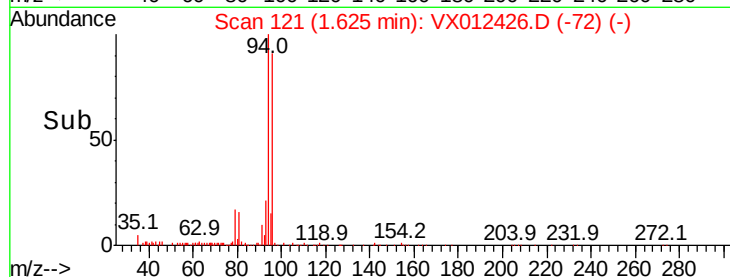
15000

10000

5000

0

Time-->



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

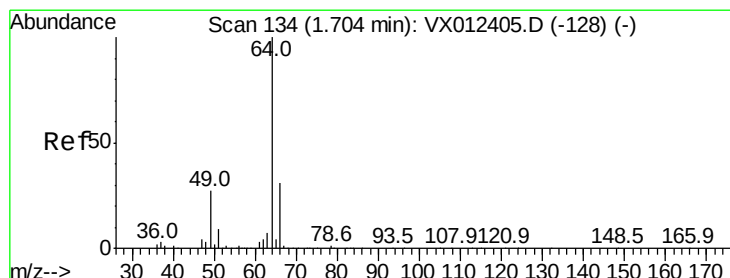
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 55.151 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX012426.D

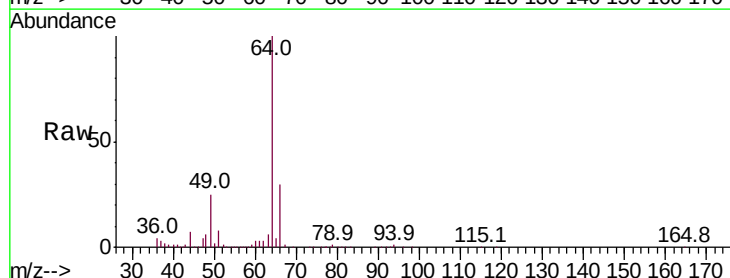
Acq: 16 Sep 2019 23:22

Tgt Ion: 64 Resp: 34972

Ion Ratio Lower Upper

64 100

66 30.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

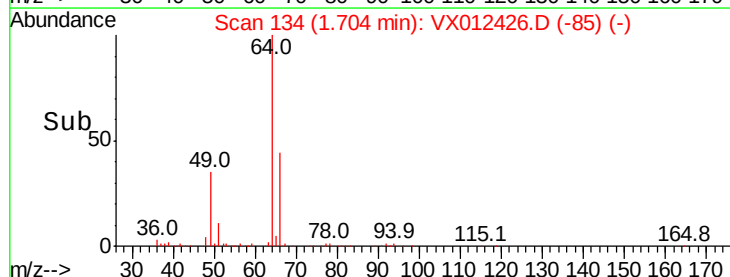
15000

10000

5000

0

Time-->



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

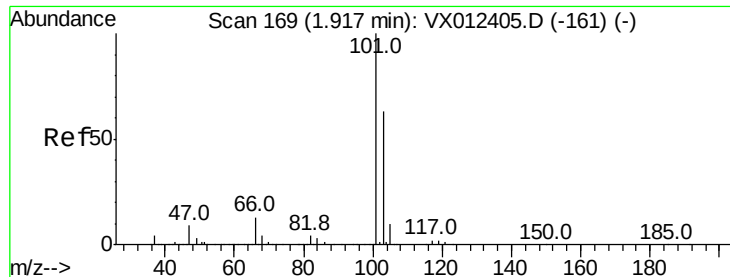
15000

10000

5000

0

Time-->



#7

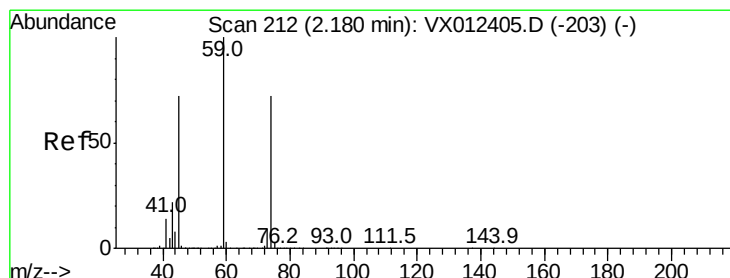
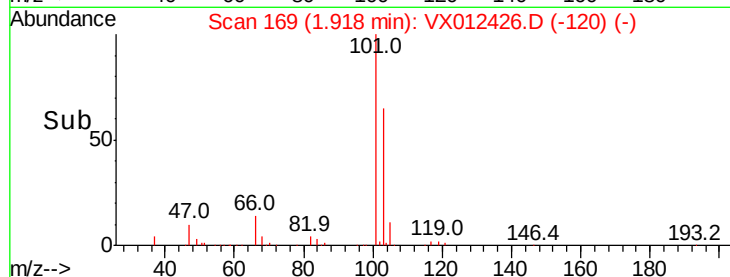
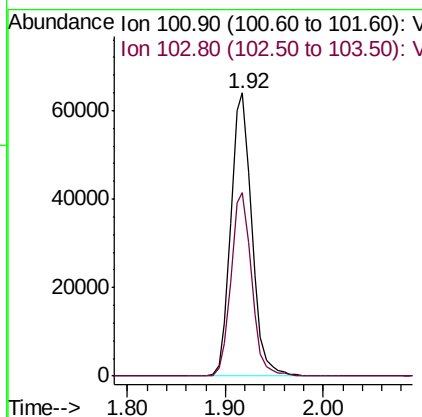
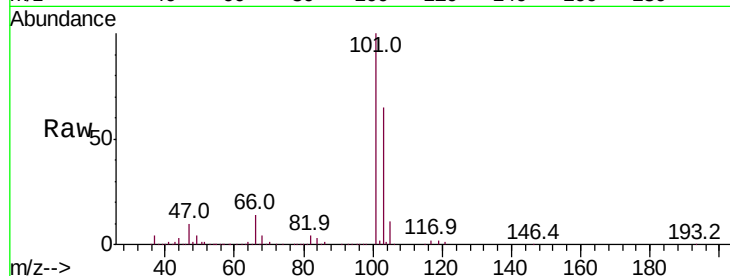
Trichlorofluoromethane
 Concen: 54.241 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.5	75.7

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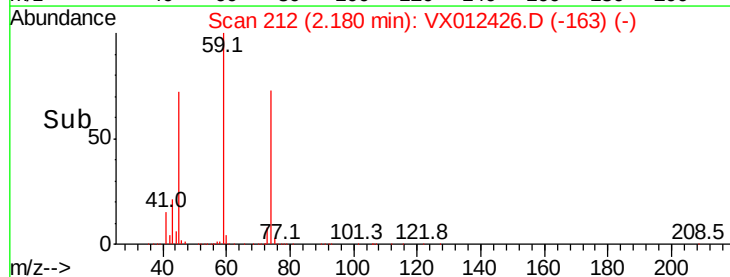
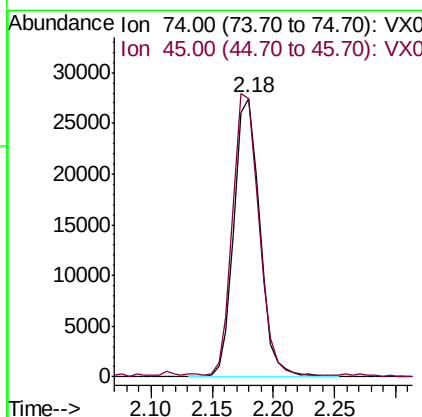
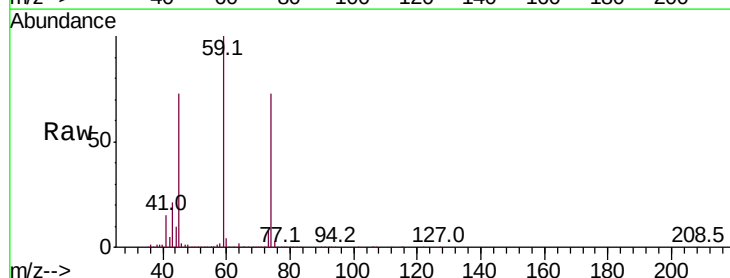
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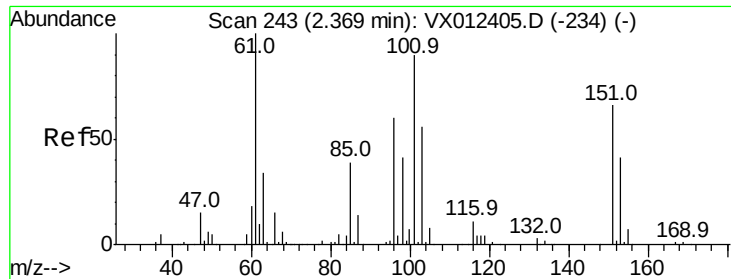


#8

Diethyl Ether
 Concen: 52.487 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	50.6	151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.088 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

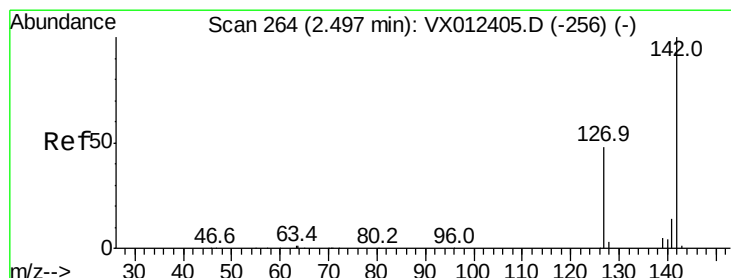
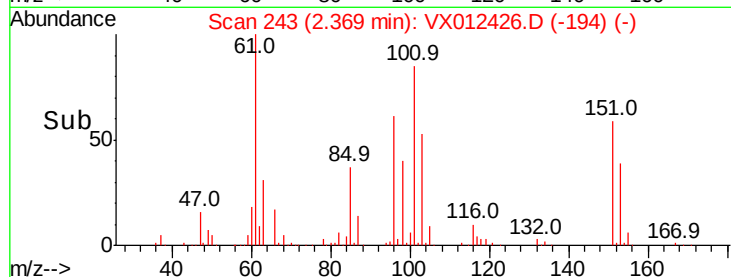
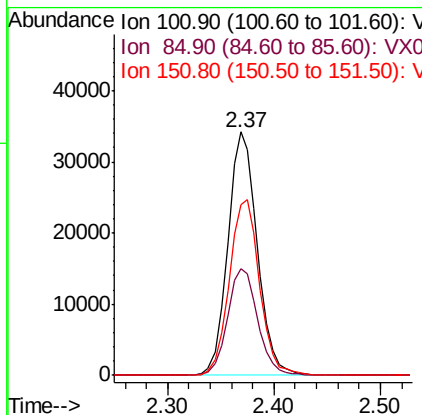
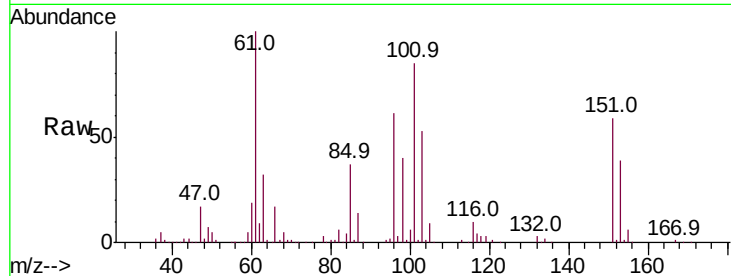
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	65927
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.3	54.5
151	74.5	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 33.508 ug/l

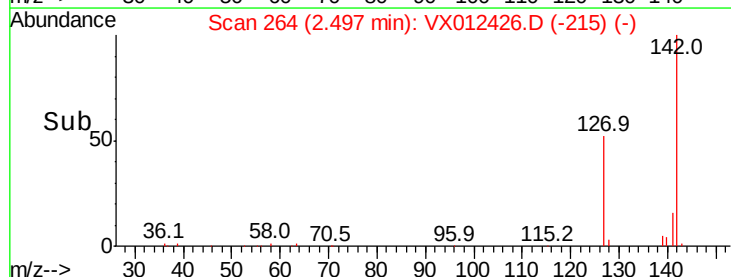
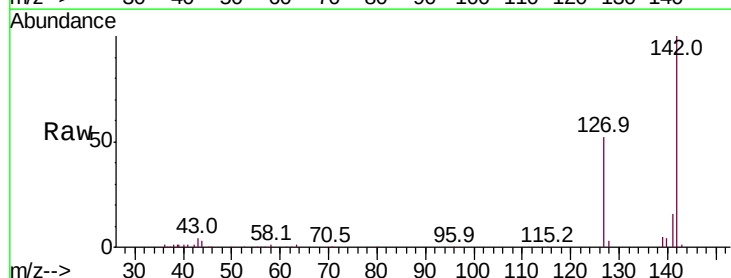
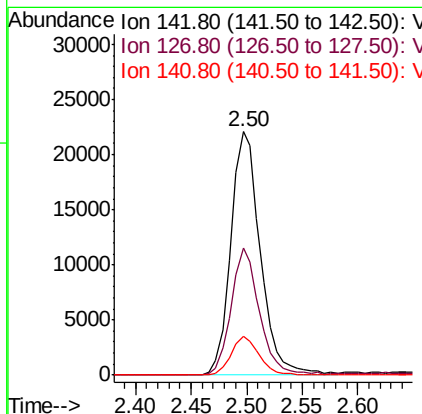
RT: 2.50 min Scan# 264

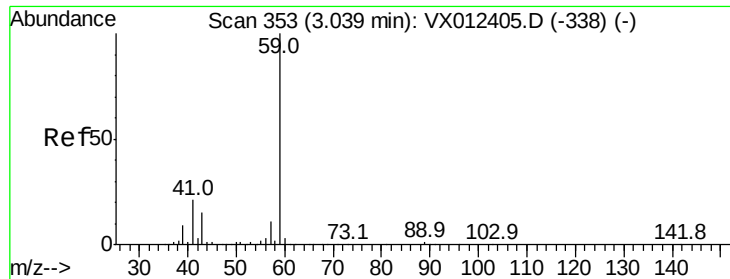
Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion:	142	Resp:	40538
Ion Ratio	Lower	Upper	
142	100		
127	50.5	39.6	59.4
141	14.9	11.6	17.4





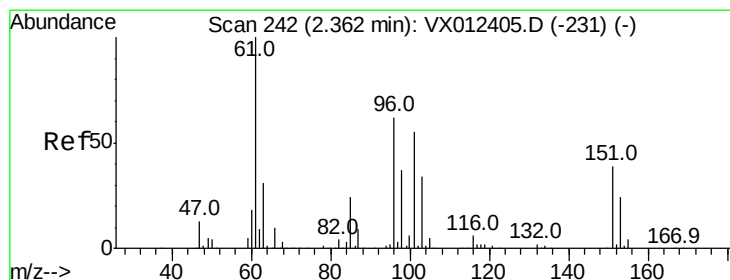
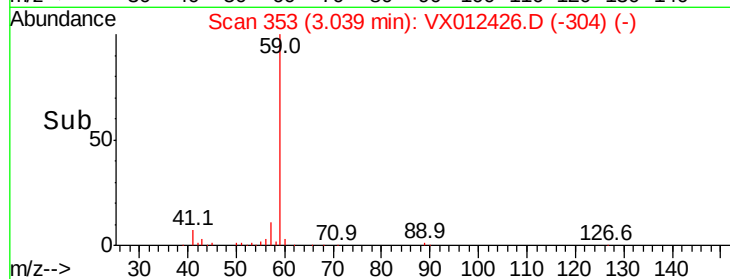
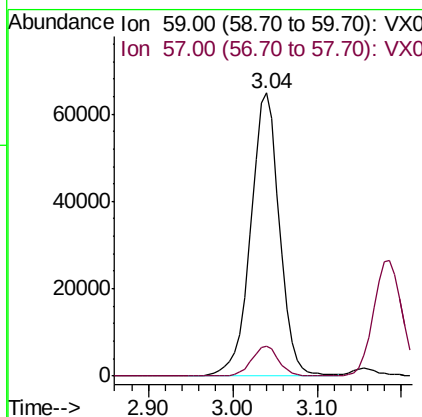
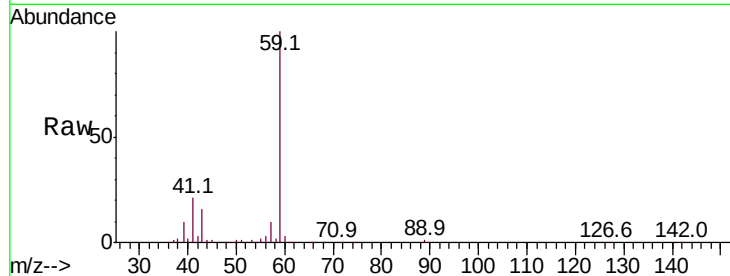
#11
Tert butyl alcohol
Concen: 254.759 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

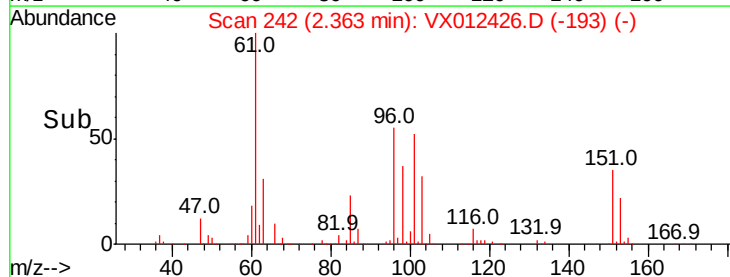
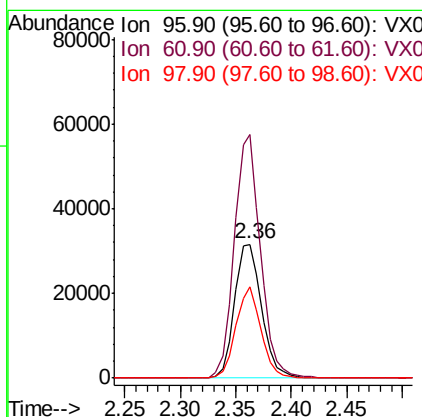
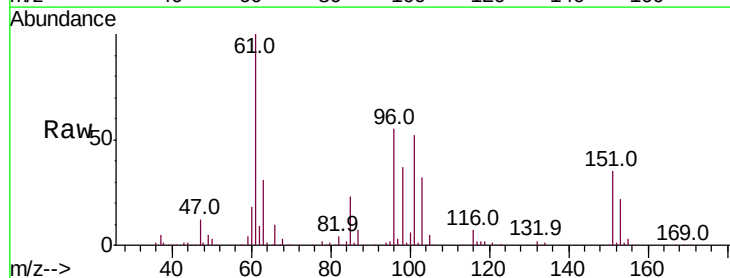
Manual Integrations
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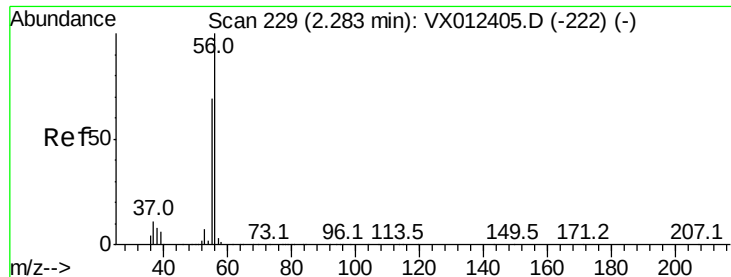
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.675 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.9	129.8	194.6
98	68.1	48.5	72.7





#13

Acrolein

Concen: 211.621 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 53811

Ion Ratio Lower Upper

56 100

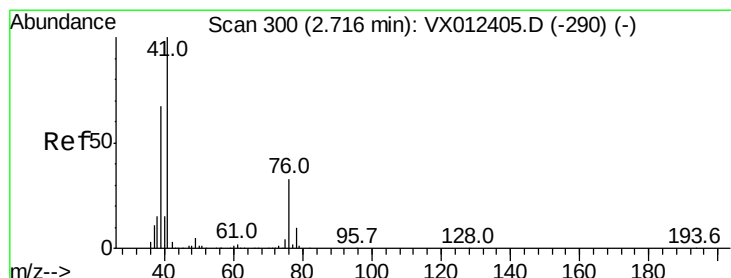
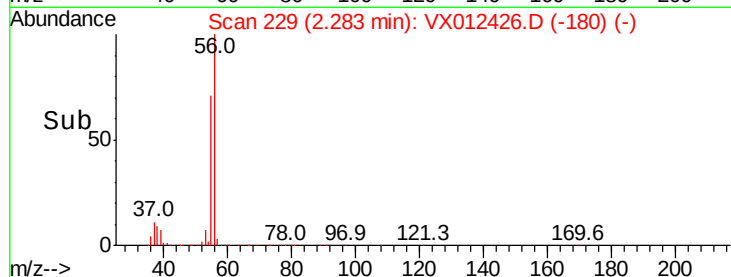
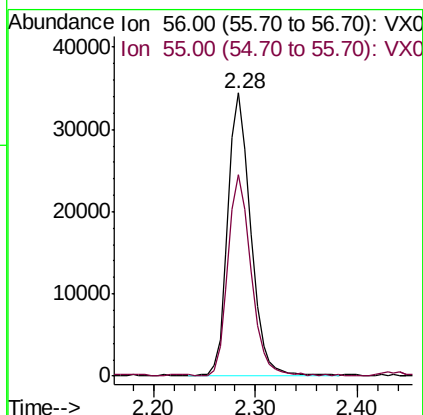
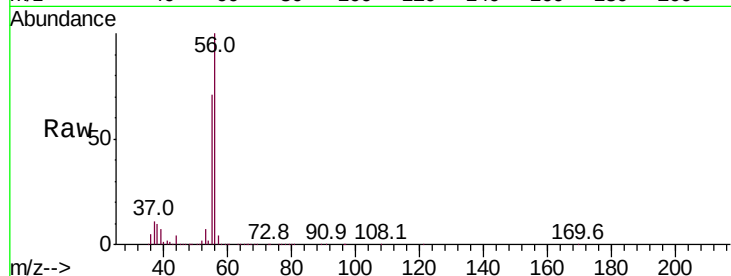
55 71.4 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 54.240 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

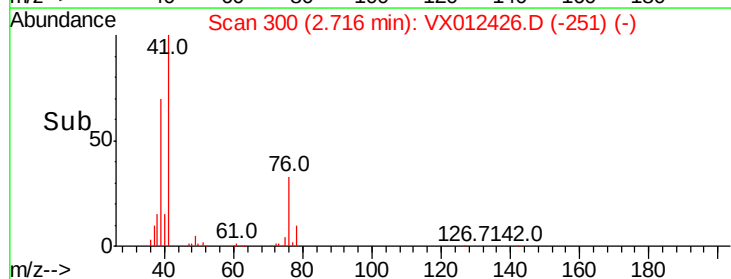
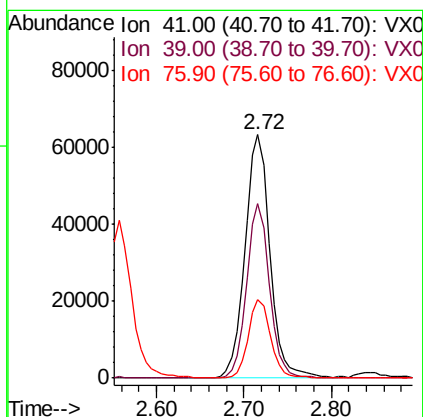
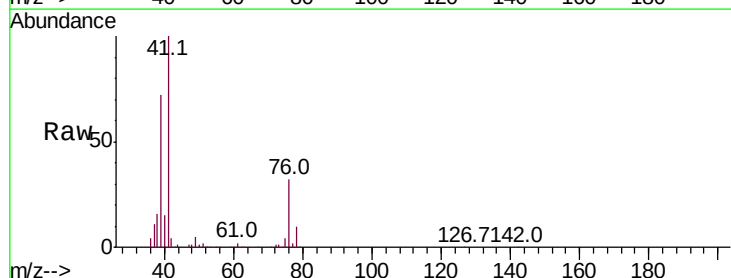
Tgt Ion: 41 Resp: 124587

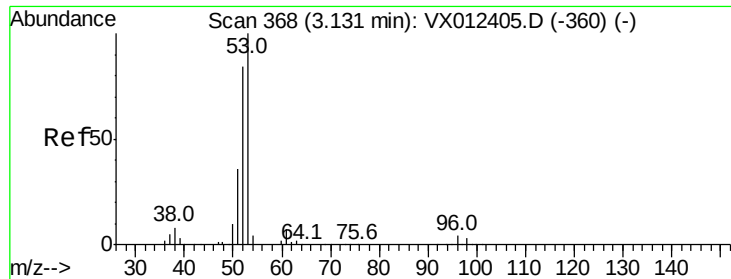
Ion Ratio Lower Upper

41 100

39 65.4 51.1 76.7

76 29.0 23.4 35.2





#15

Acrylonitrile

Concen: 263.805 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

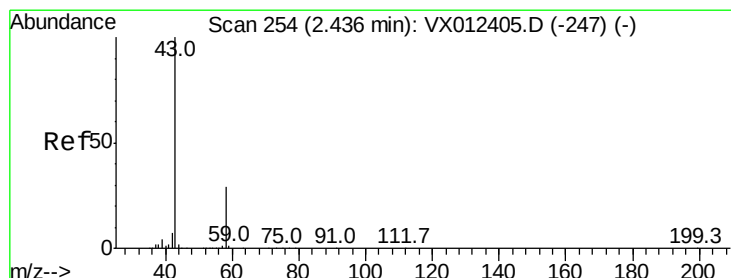
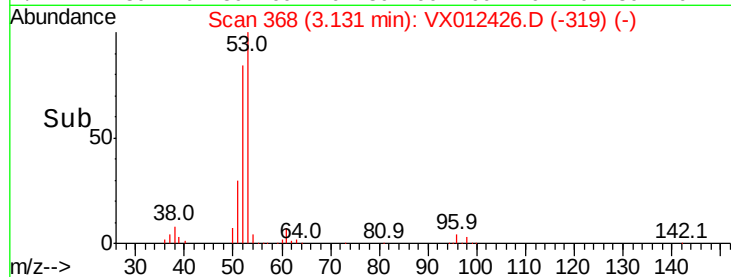
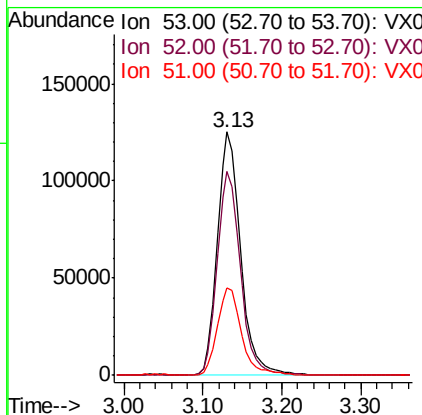
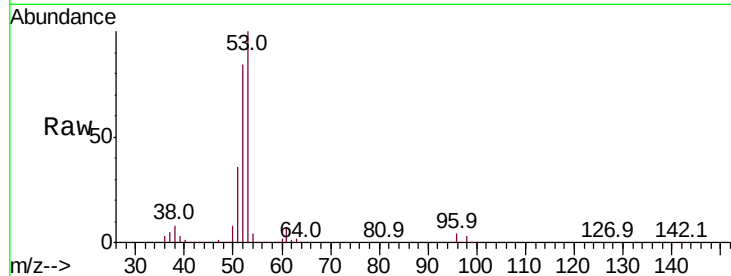
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	257481
Ion Ratio	Lower	Upper	
53	100		
52	84.1	67.4	101.2
51	37.0	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 232.640 ug/l

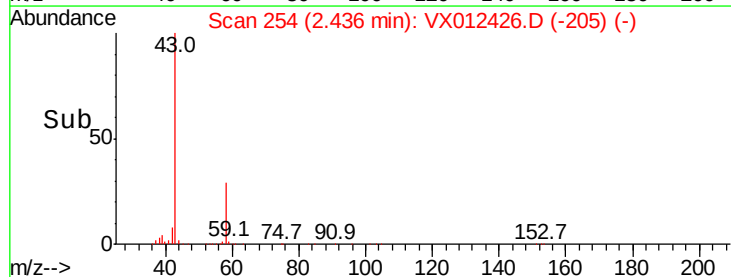
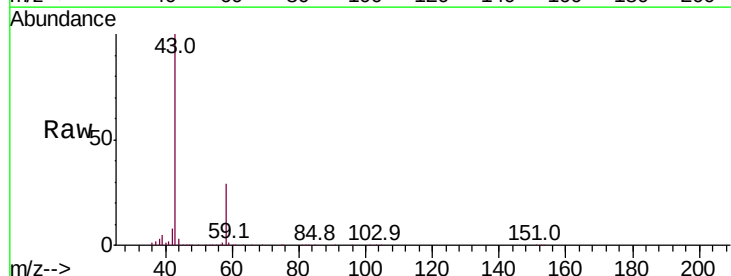
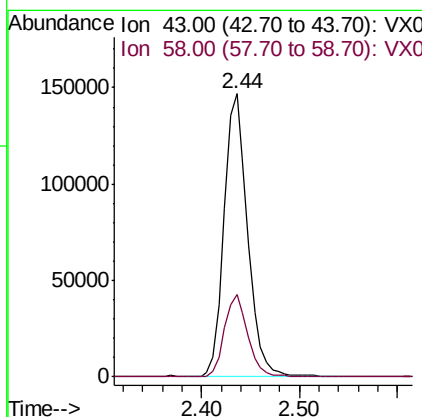
RT: 2.44 min Scan# 254

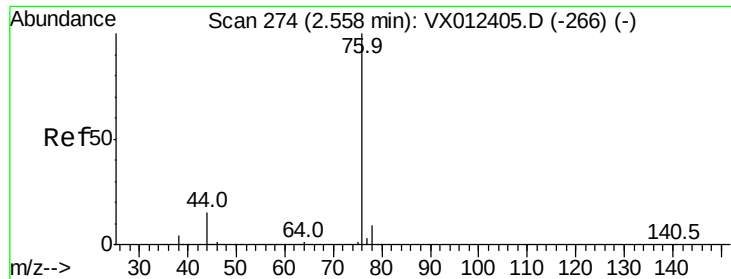
Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion:	43	Resp:	244368
Ion Ratio	Lower	Upper	
43	100		
58	28.9	23.5	35.3





#17

Carbon Disulfide

Concen: 49.478 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 73329

Ion Ratio Lower Upper

76 100

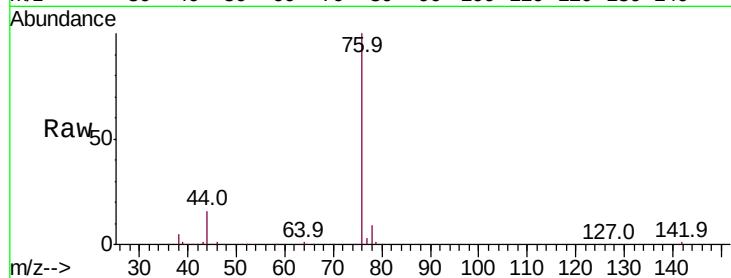
78 9.0 7.1 10.7

Manual Integrations

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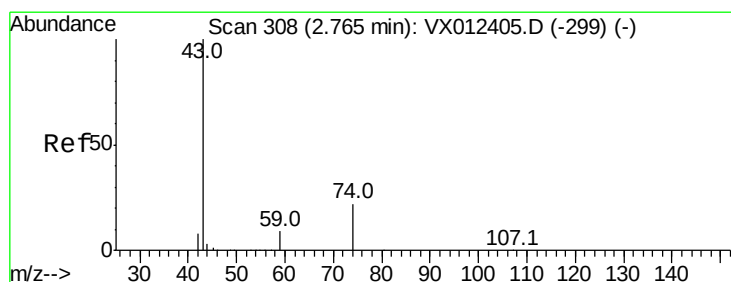
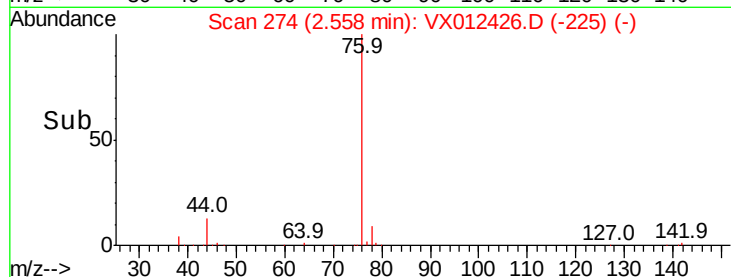
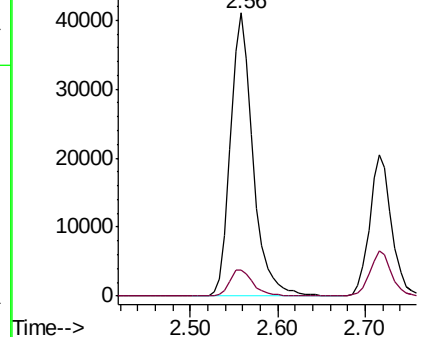
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.242 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012426.D

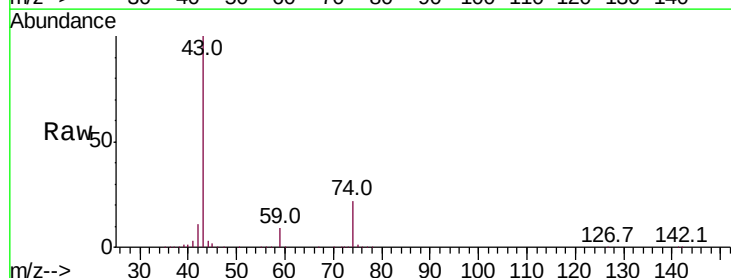
Acq: 16 Sep 2019 23:22

Tgt Ion: 43 Resp: 126867

Ion Ratio Lower Upper

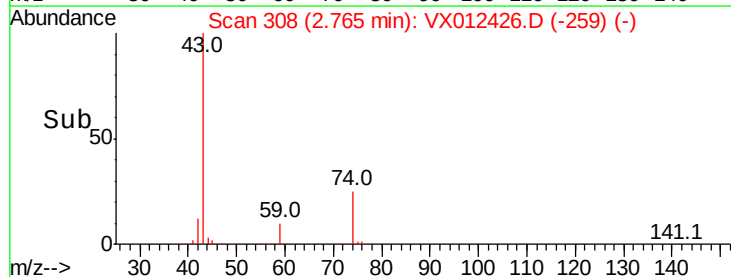
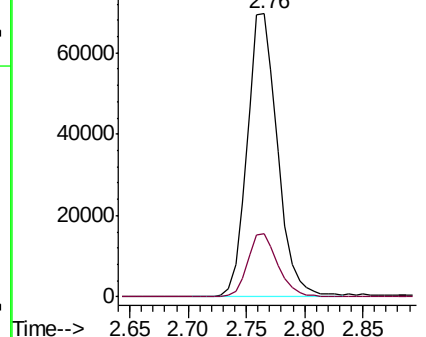
43 100

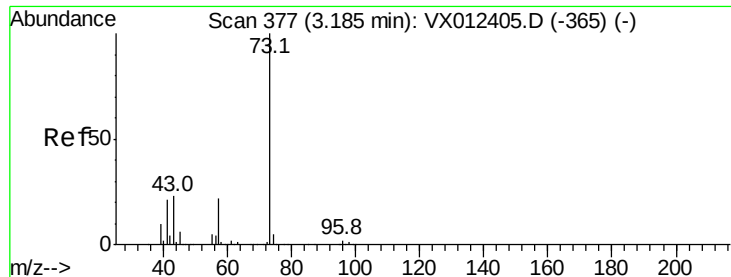
74 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

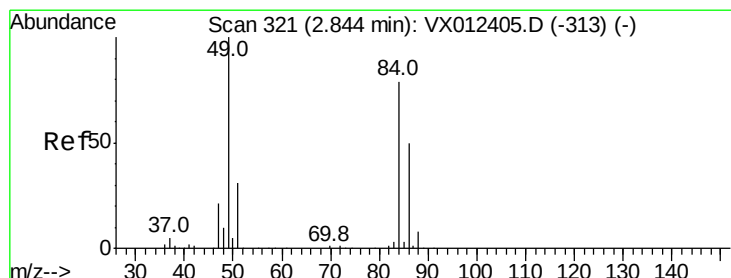
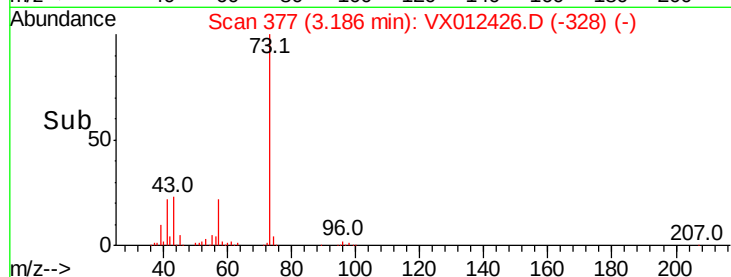
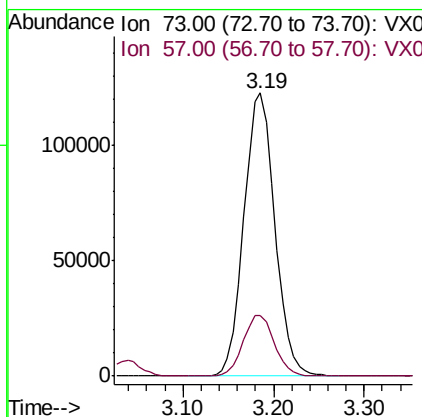
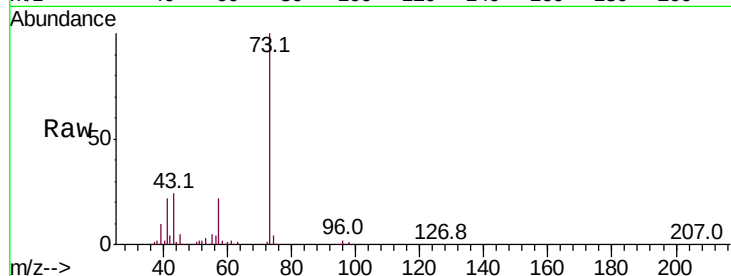
Methyl tert-butyl Ether
 Concen: 53.718 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

Manual Integrations
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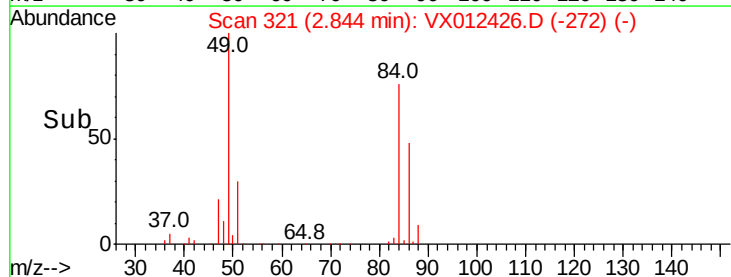
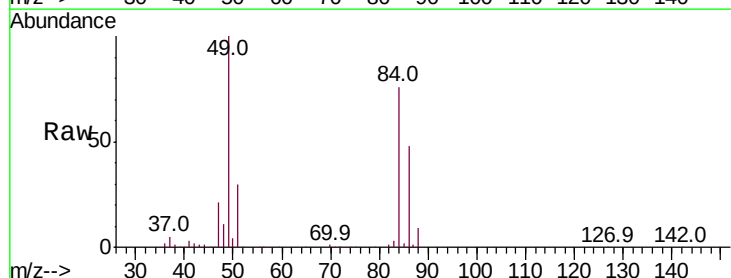
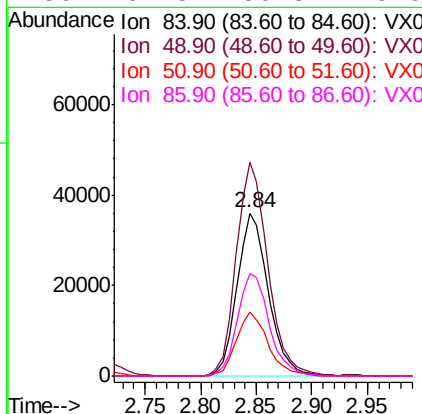
MMDadoda
 9/18/2019 12:14:40 PM

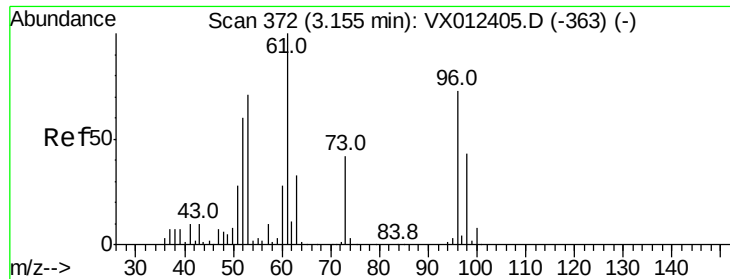


#20

Methylene Chloride
 Concen: 48.883 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.2	101.7	152.5
51	39.0	31.2	46.8
86	62.8	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 51.900 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 55575

Ion Ratio Lower Upper

96 100

61 145.2 109.7 164.5

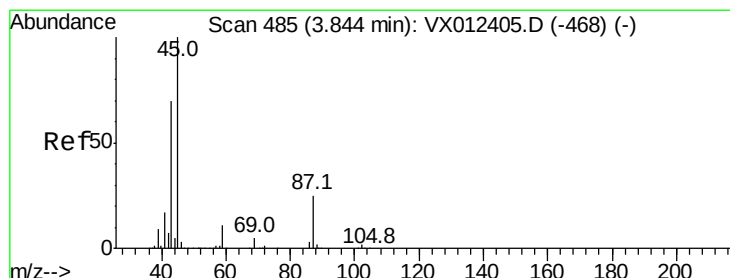
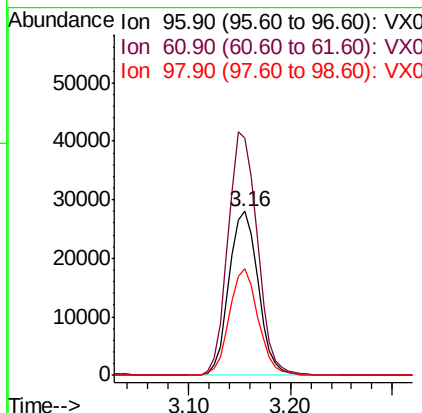
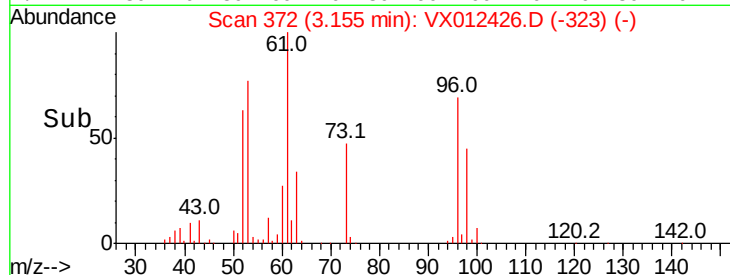
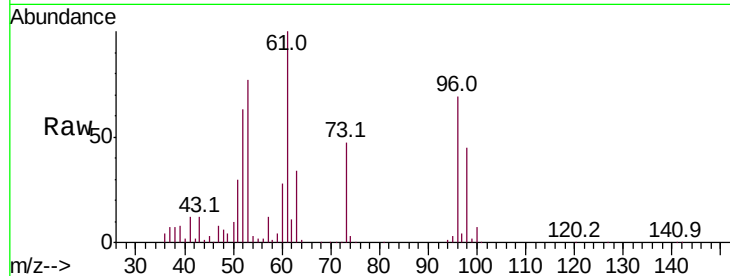
98 65.4 47.0 70.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 54.035 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion: 45 Resp: 284985

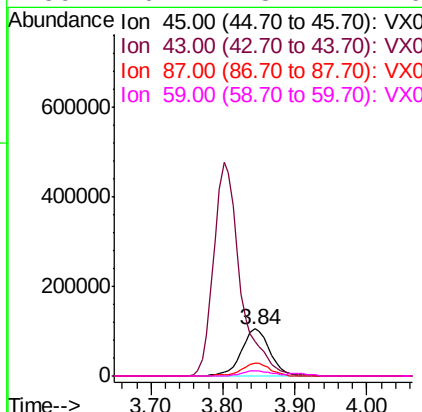
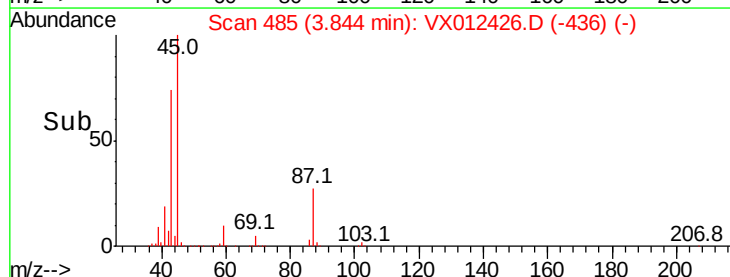
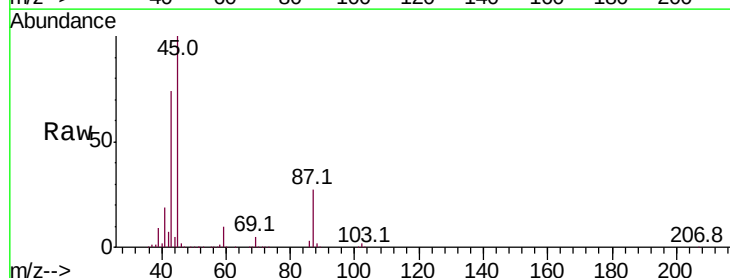
Ion Ratio Lower Upper

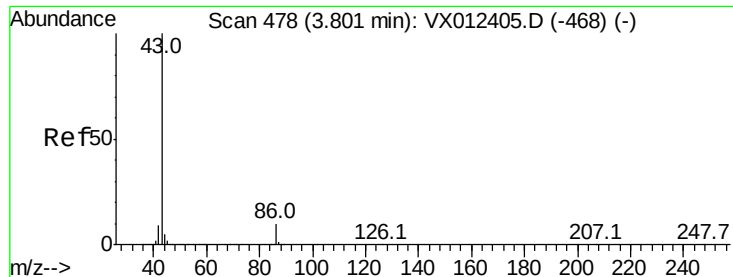
45 100

43 73.4 55.8 83.8

87 26.5 20.0 30.0

59 10.4 8.4 12.6





#23

Vinyl Acetate

Concen: 282.755 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1230953

Ion Ratio Lower Upper

43 100

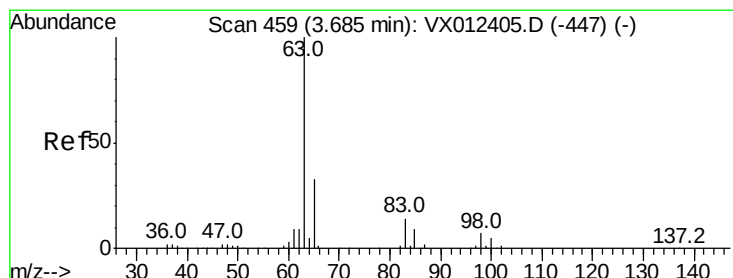
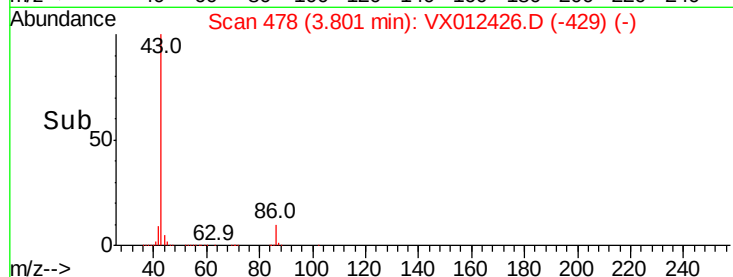
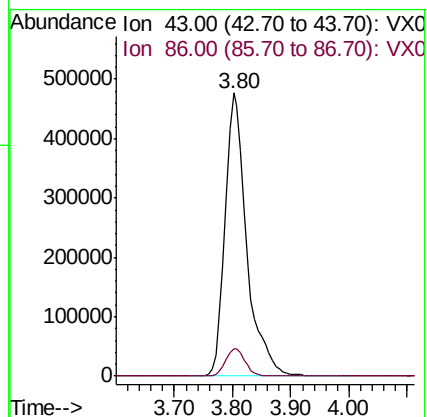
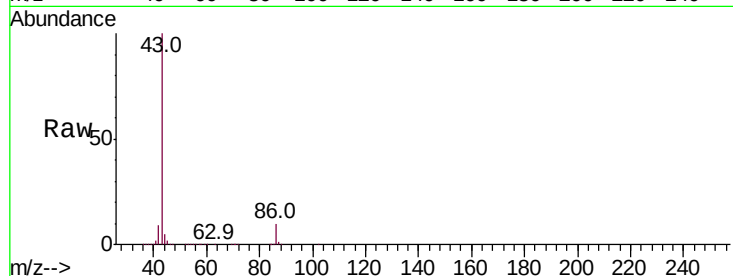
86 9.8 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.822 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

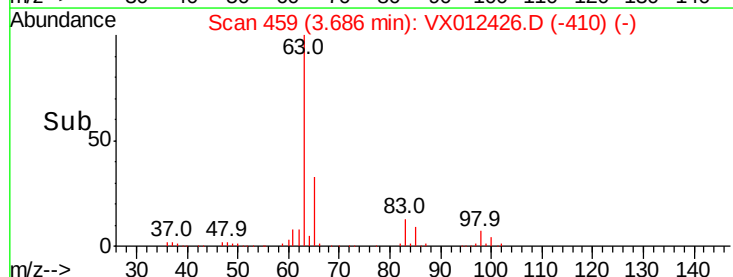
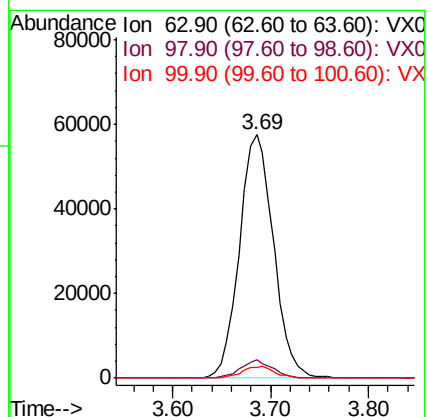
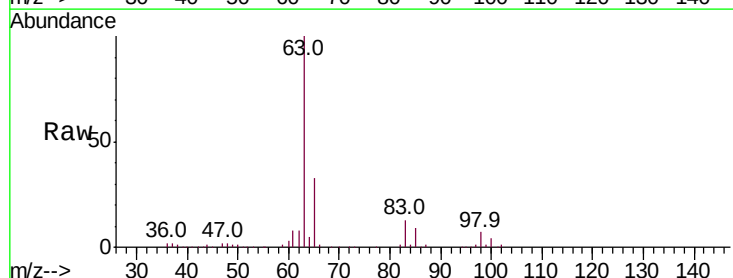
Tgt Ion: 63 Resp: 139398

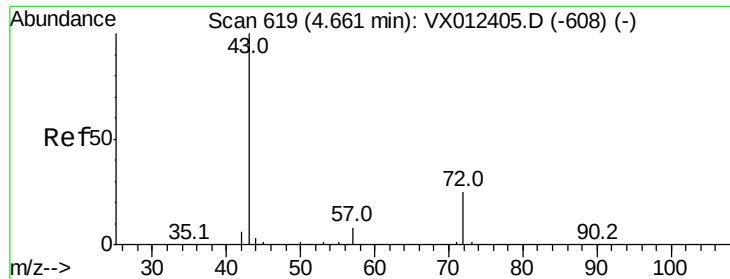
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 261.222 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 390918

Ion Ratio Lower Upper

43 100

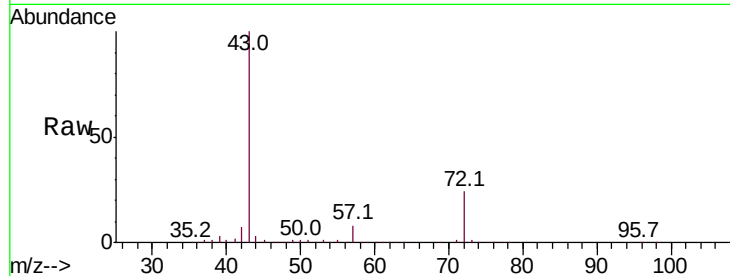
72 24.3 19.8 29.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

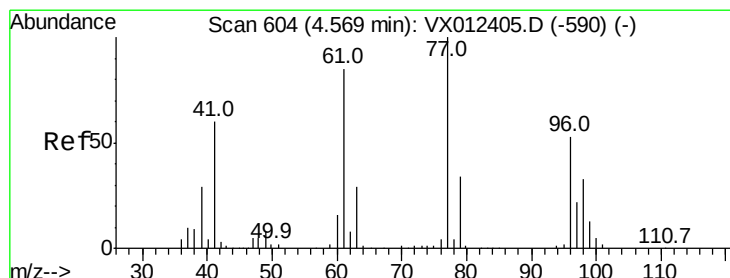
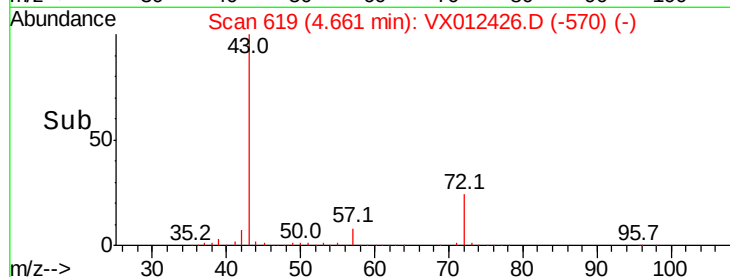
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.504 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012426.D

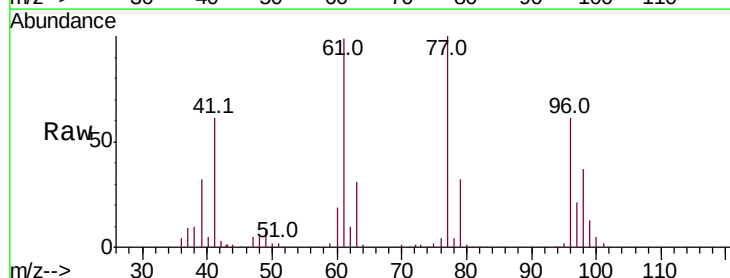
Acq: 16 Sep 2019 23:22

Tgt Ion: 77 Resp: 112030

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

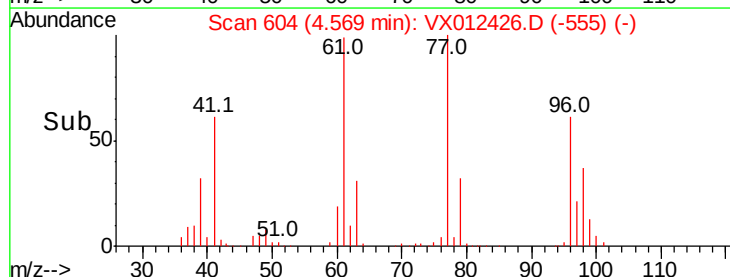
20000

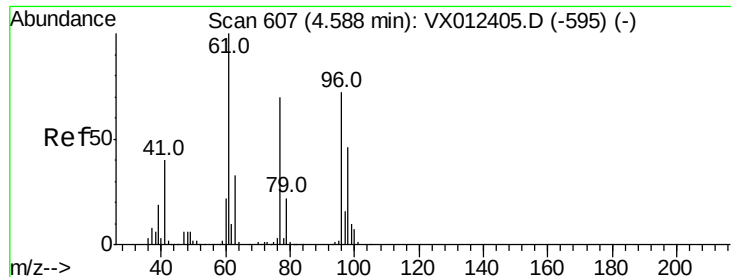
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

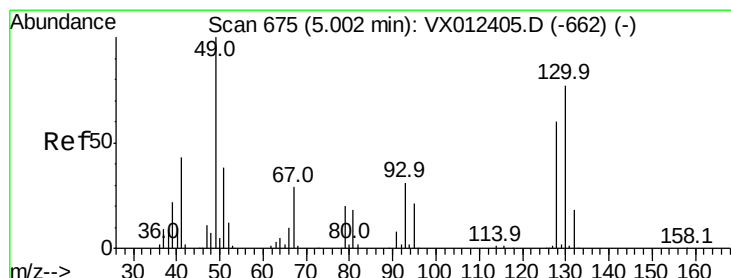
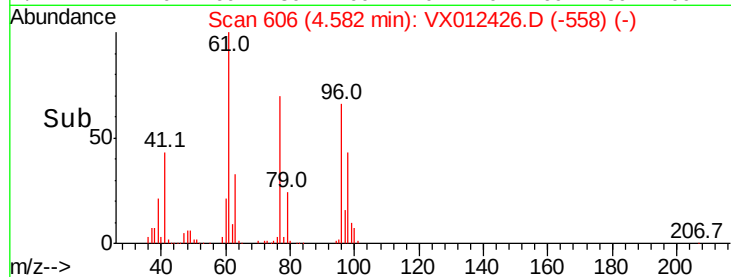
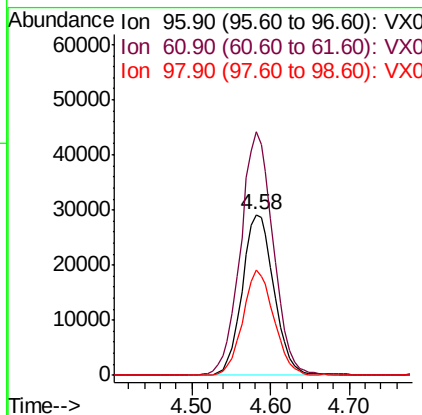
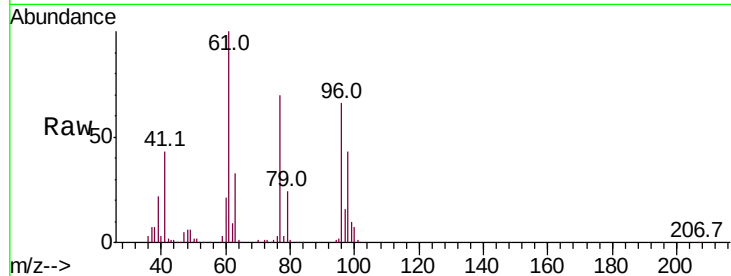
cis-1,2-Dichloroethene
Concen: 52.178 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	307.6
98	63.9	0.0	129.8

Manual Integrations
APPROVED

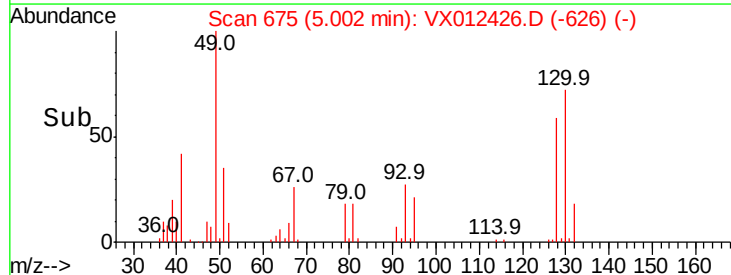
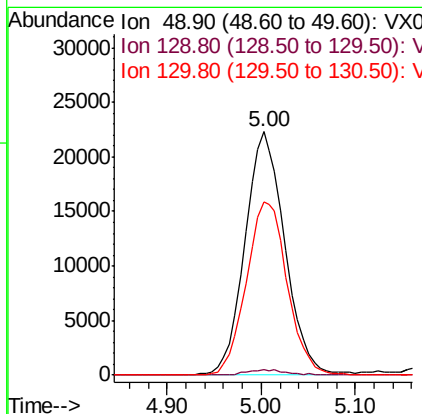
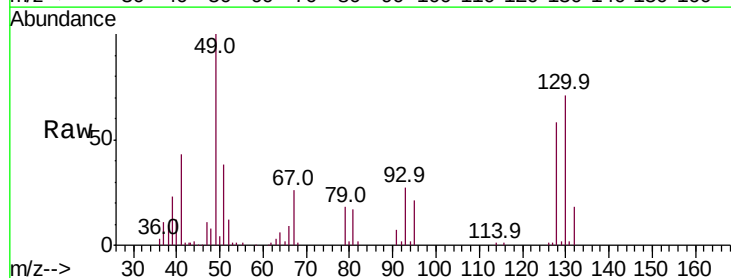
MMDadoda
9/18/2019 12:14:40 PM

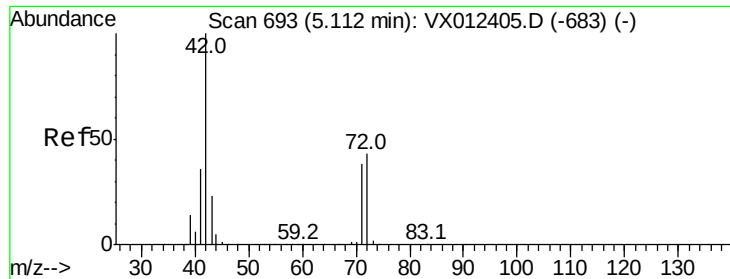


#28

Bromochloromethane
Concen: 48.789 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	73.1	61.3	91.9





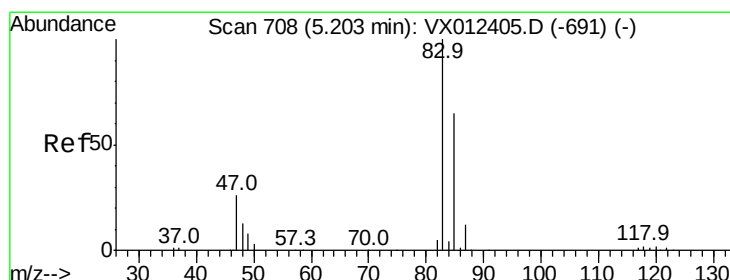
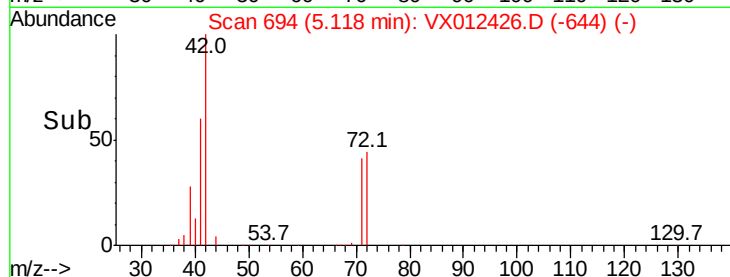
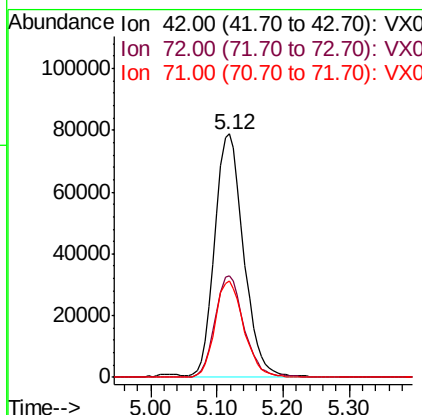
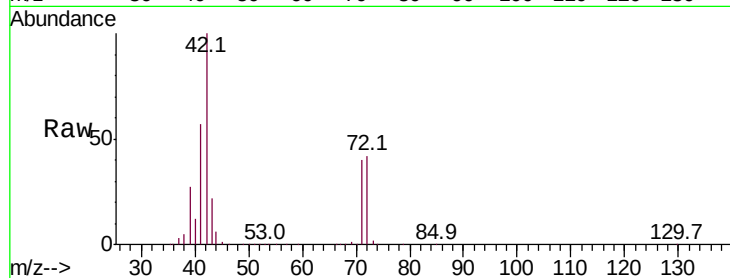
#29
Tetrahydrofuran
Concen: 273.449 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.9	52.3
71	39.7	32.6	48.8

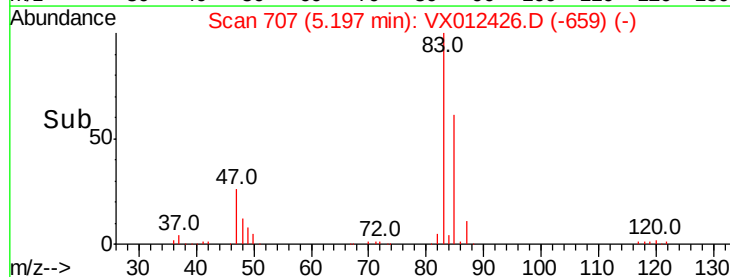
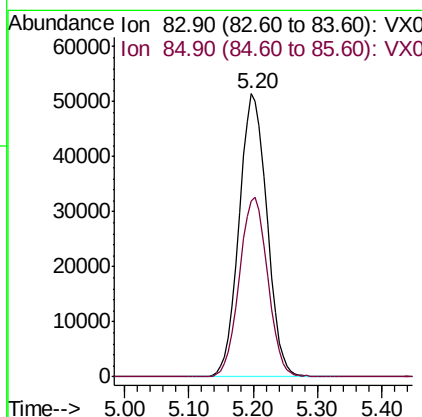
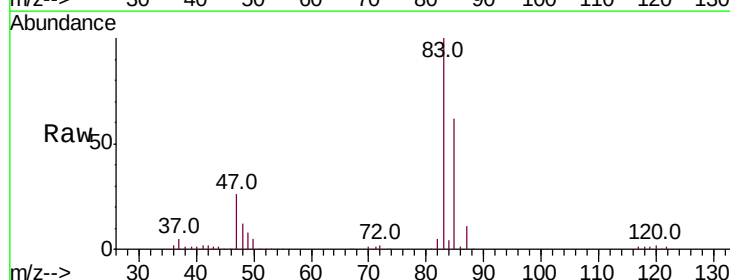
Manual Integrations
APPROVED

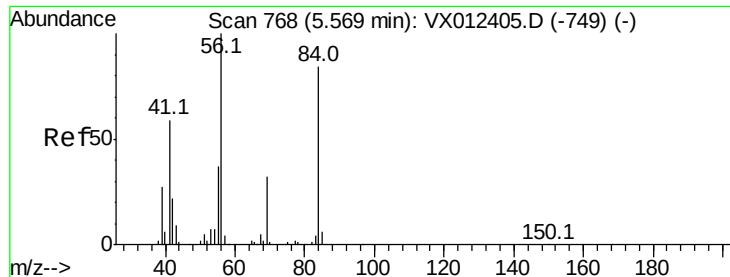
MMDadoda
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#30
Chloroform
Concen: 50.381 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.9	77.9





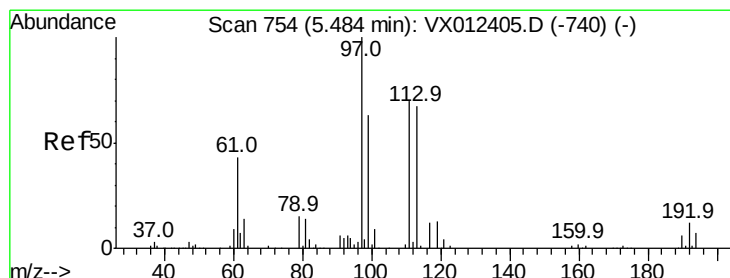
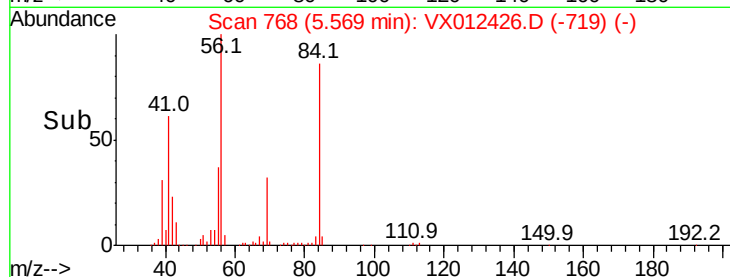
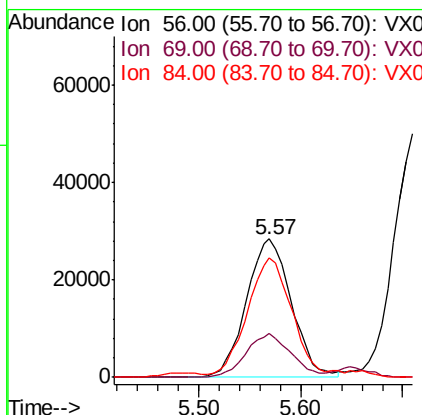
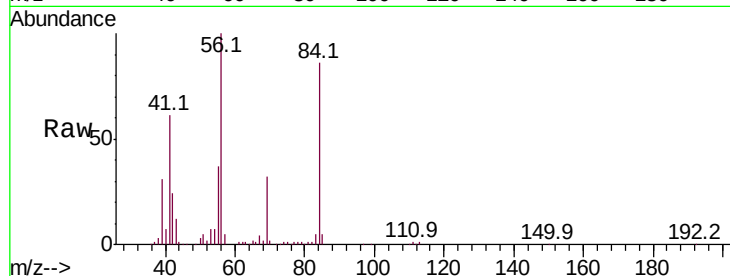
#31
Cyclohexane
Concen: 54.286 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.9	37.3
84	83.4	67.2	100.8

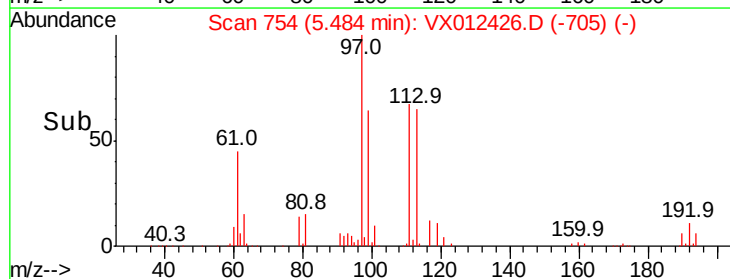
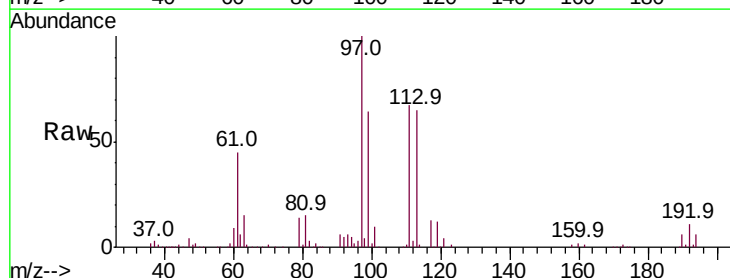
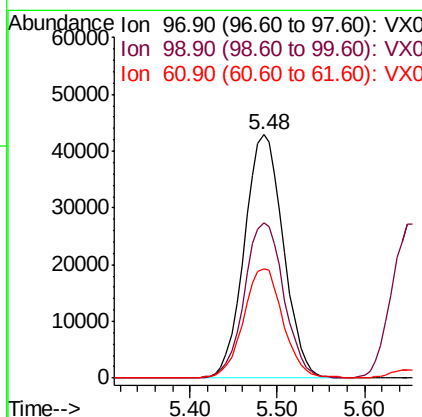
Manual Integrations
APPROVED

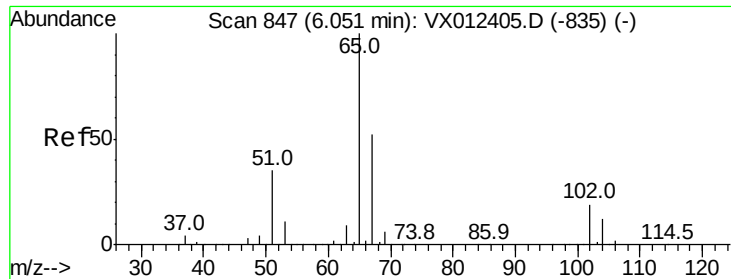
MMDadoda
9/18/2019 12:14:40 PM



#32
1,1,1-Trichloroethane
Concen: 52.351 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	45.3	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 49.456 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 115662

Ion Ratio Lower Upper

65 100

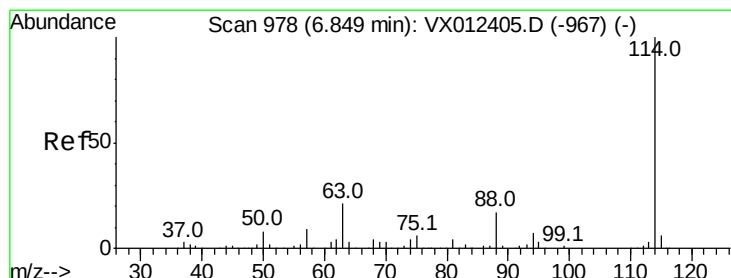
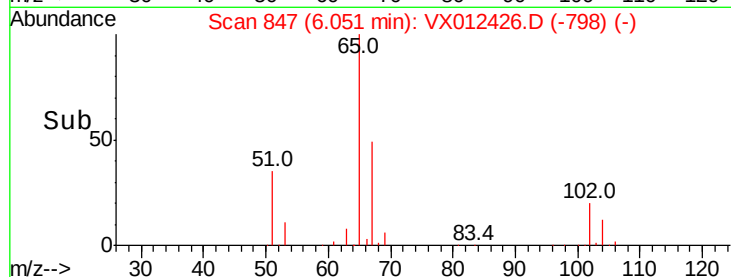
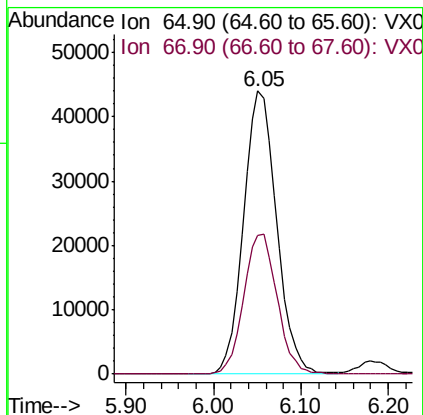
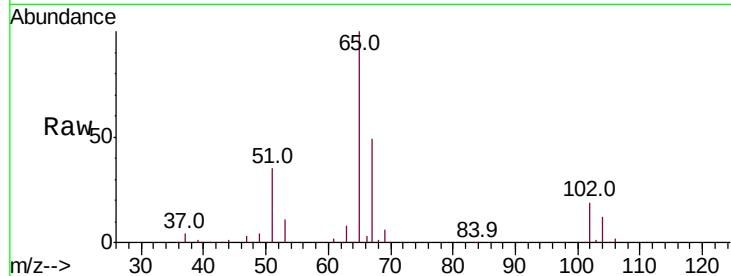
67 49.9 0.0 102.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

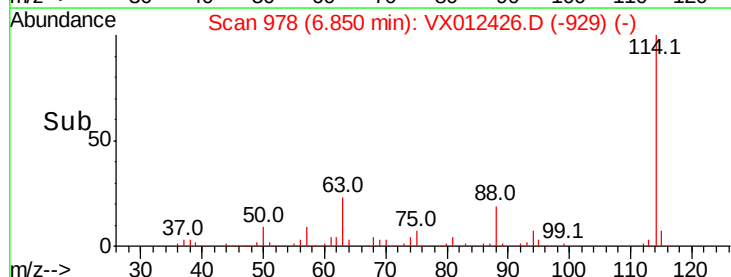
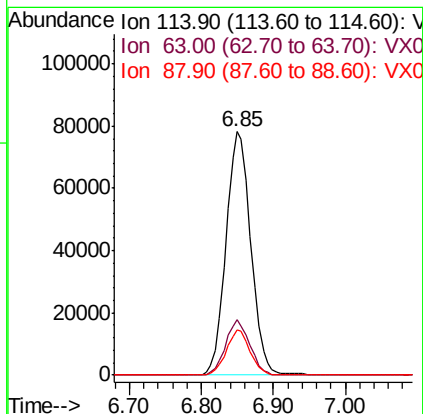
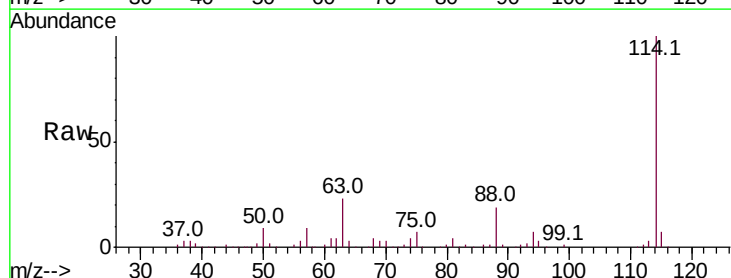
Tgt Ion: 114 Resp: 187766

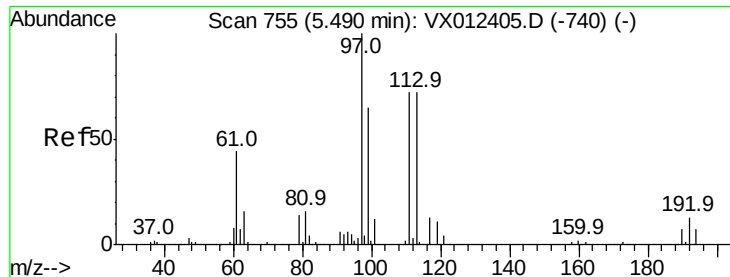
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.4

88 18.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.880 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

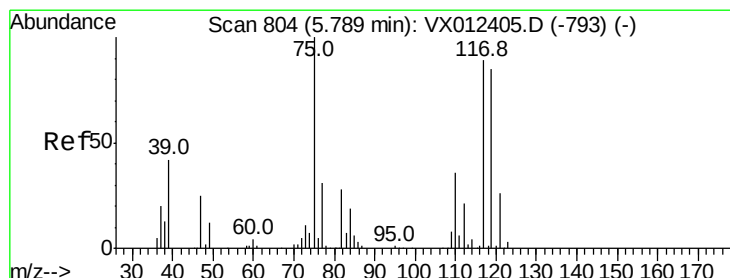
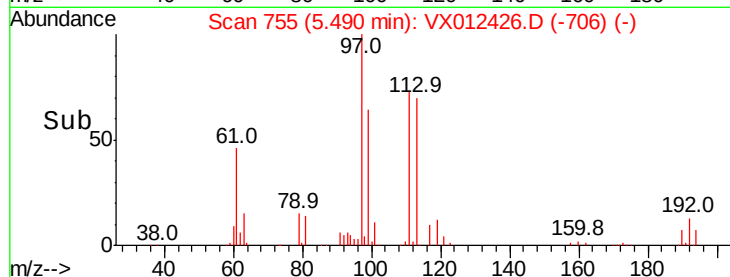
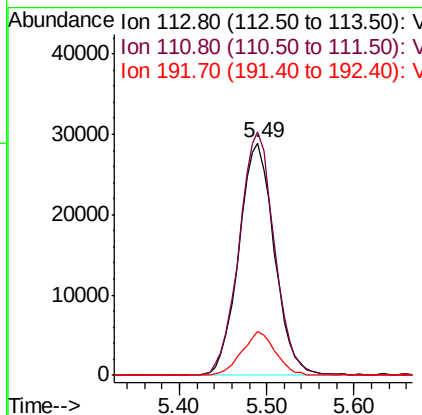
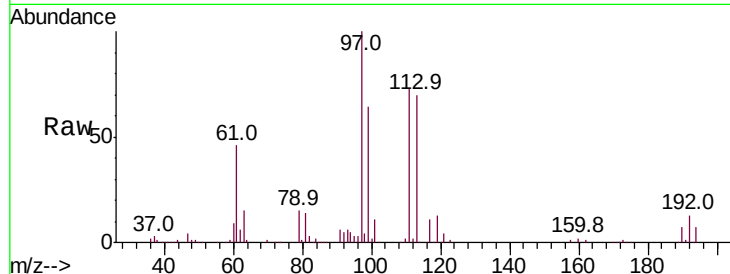
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	81631
Ion Ratio	Lower	Upper	
113	100		
111	104.5	81.8	122.6
192	18.0	15.0	22.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.255 ug/l

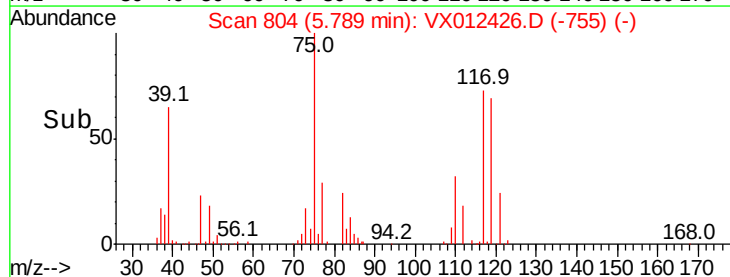
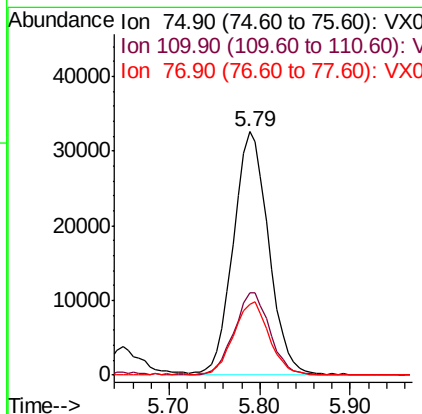
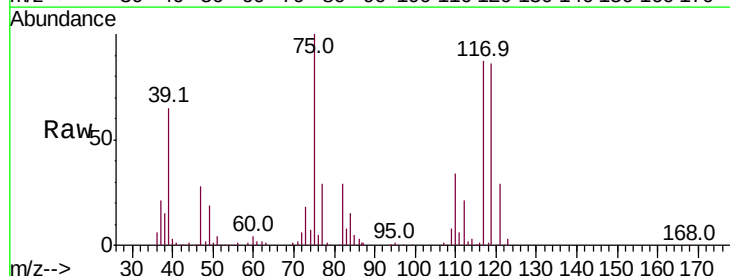
RT: 5.79 min Scan# 804

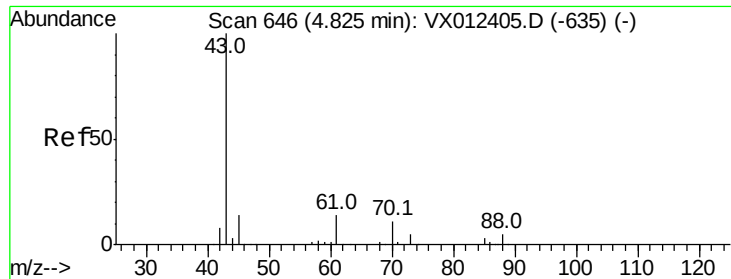
Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion:	75	Resp:	87198
Ion Ratio	Lower	Upper	
75	100		
110	34.6	17.4	52.2
77	30.9	24.8	37.2





#37

Ethyl Acetate

Concen: 52.975 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

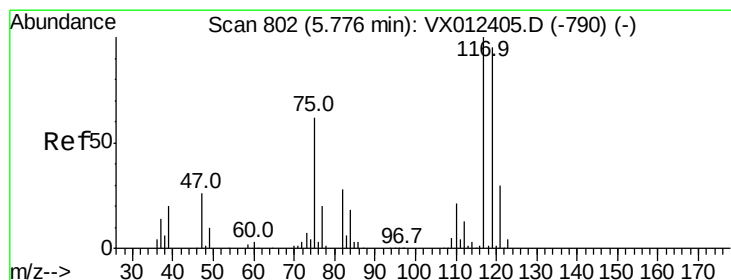
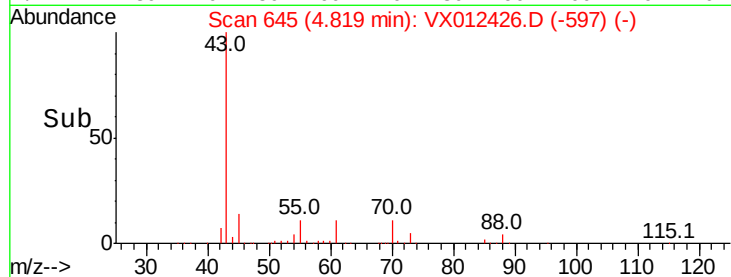
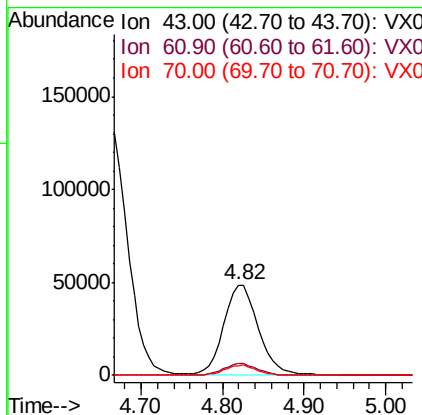
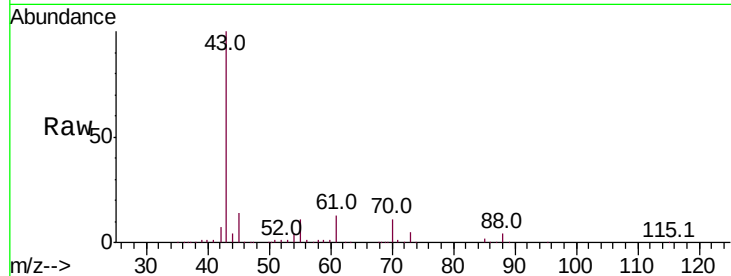
ClientSampled :

VSTDCCC050EC

Tot Ion:	43	Resp:	141523
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.2	16.8
70	11.1	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.605 ug/l

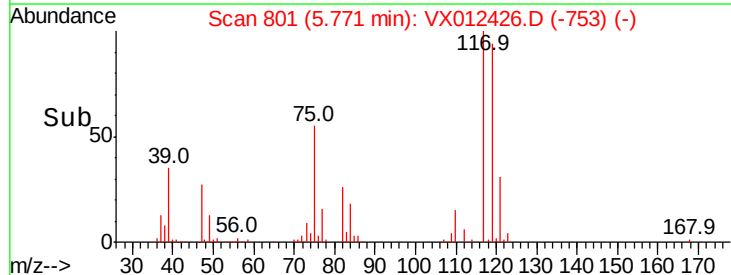
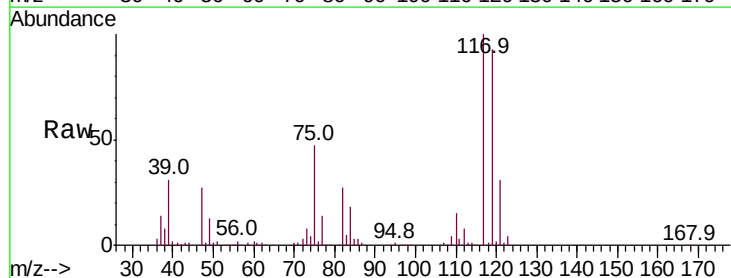
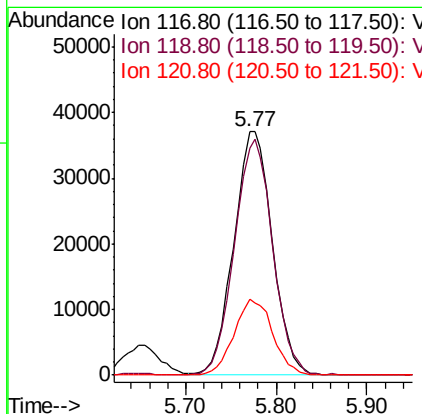
RT: 5.77 min Scan# 801

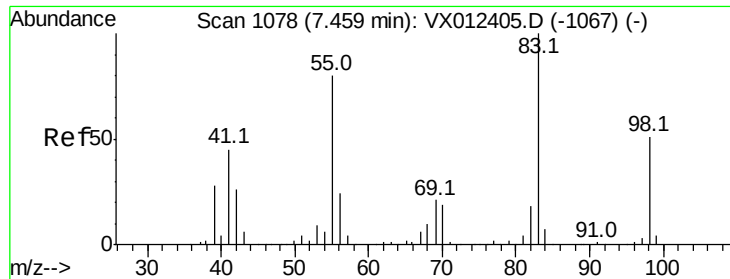
Delta R.T. -0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion:	117	Resp:	109273
Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
121	31.3	23.8	35.6





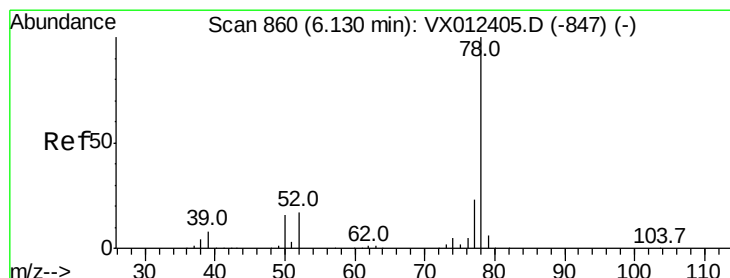
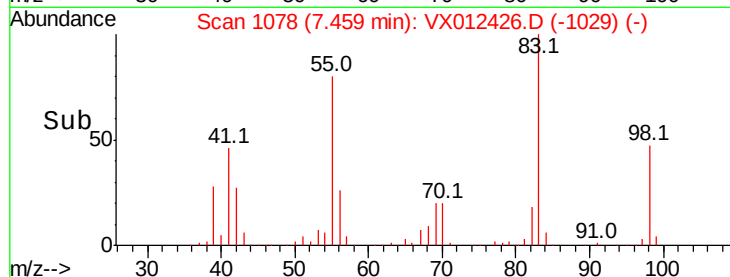
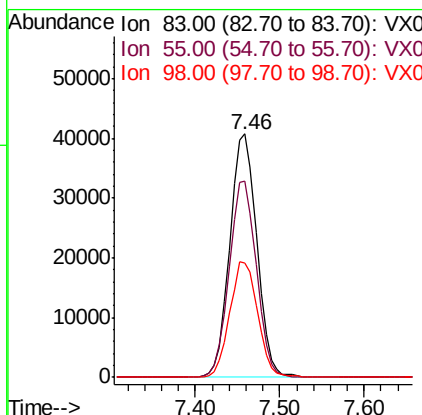
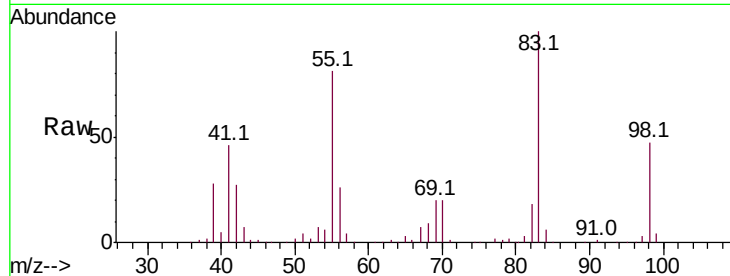
#39
Methylvlcyclohexane
Concen: 53.222 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	63.8	95.6
98	47.0	40.6	61.0

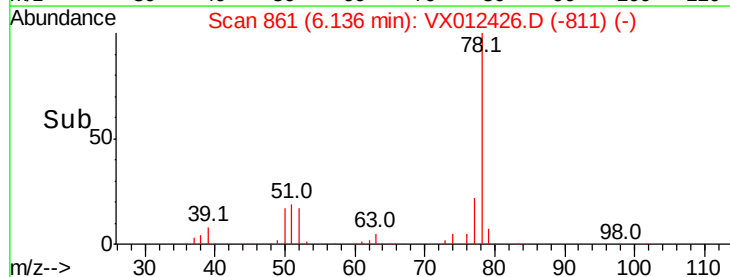
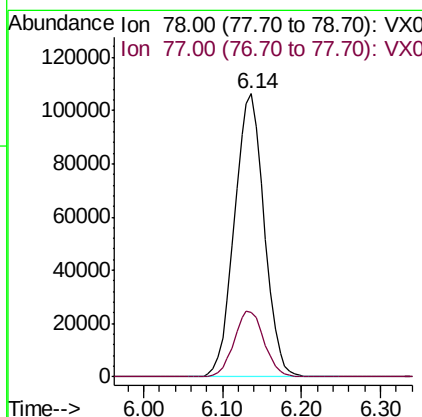
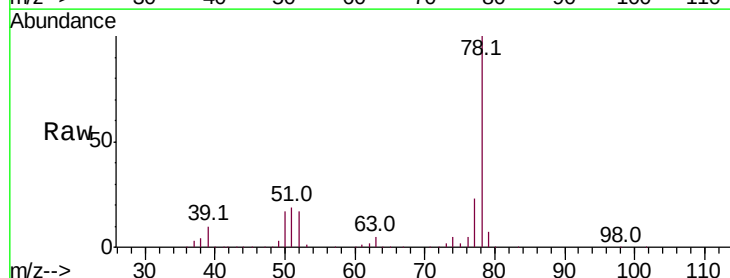
Manual Integrations
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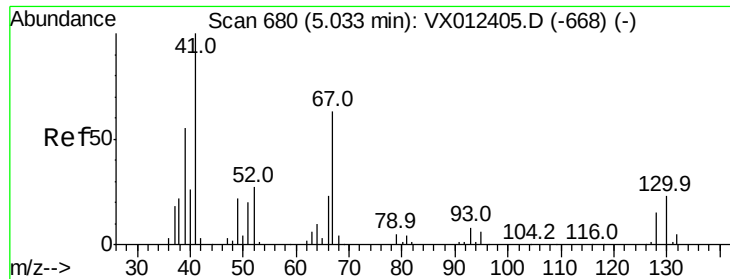
MMDadoda
9/18/2019 12:14:40 PM



#40
Benzene
Concen: 52.182 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





#41

Methacrylonitrile

Concen: 53.875 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 82177

Ion Ratio Lower Upper

41 100

39 55.9 44.4 66.6

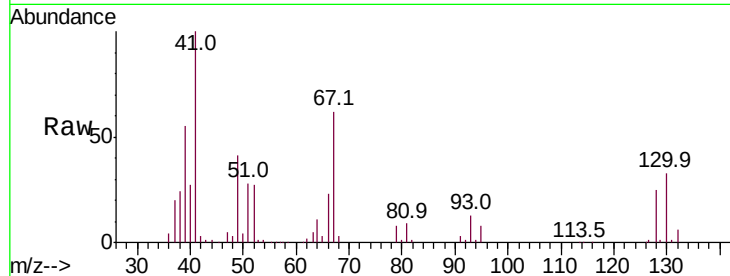
67 66.0 53.8 80.8

52 29.5 22.2 33.4

Manual Integrations
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9/18/2019 12:14:40 PM

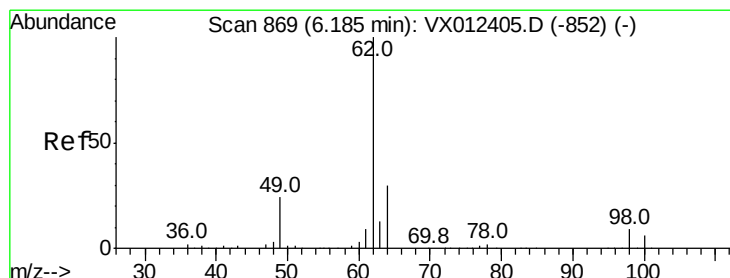
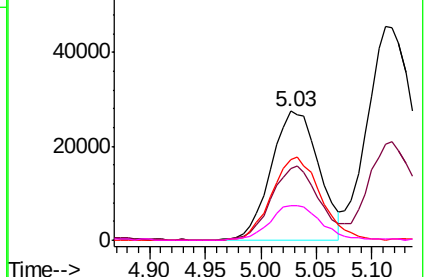
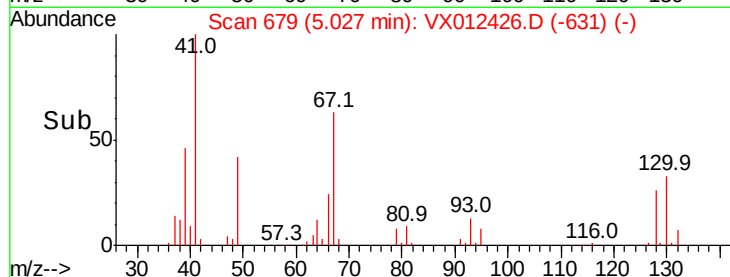


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.731 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012426.D

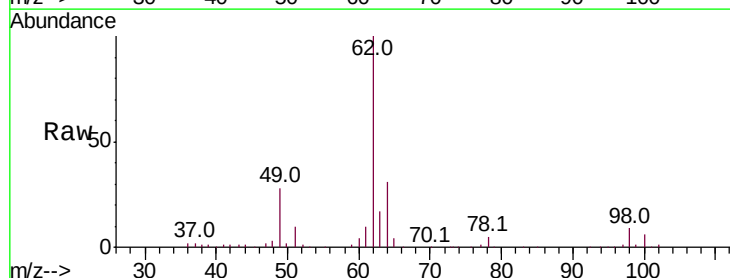
Acq: 16 Sep 2019 23:22

Tgt Ion: 62 Resp: 125932

Ion Ratio Lower Upper

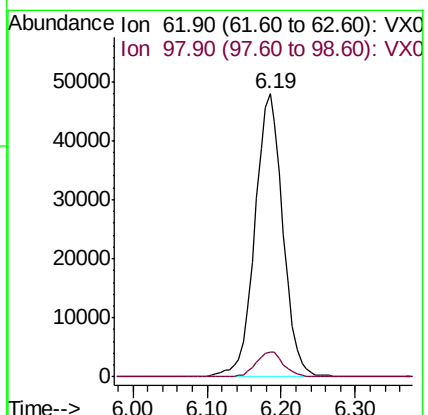
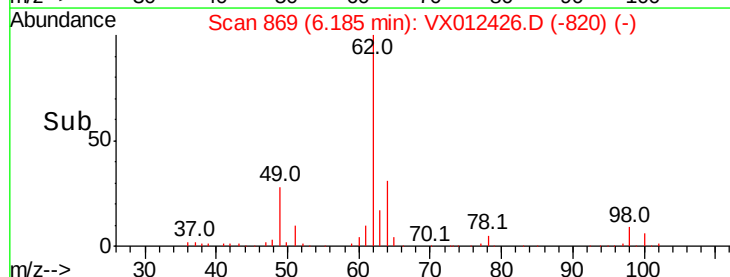
62 100

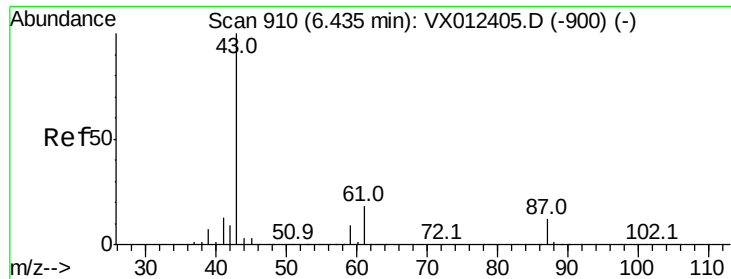
98 8.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.728 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

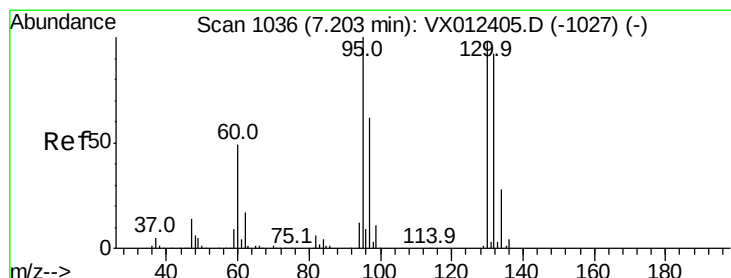
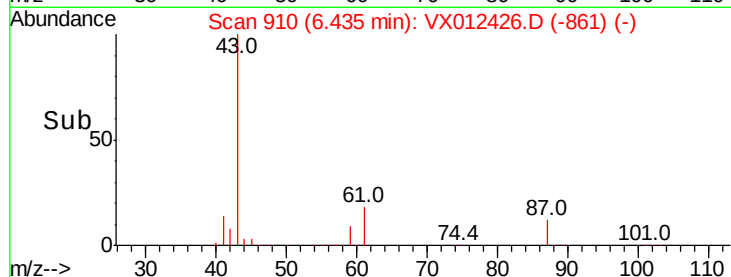
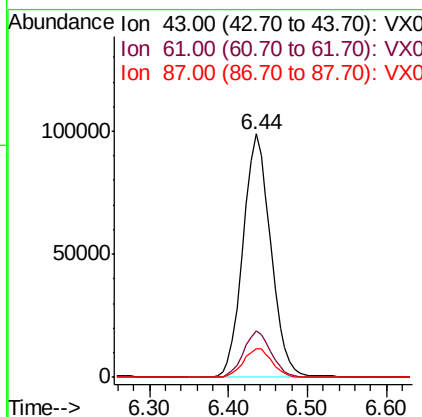
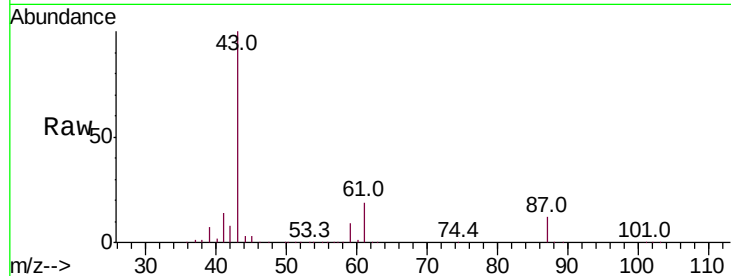
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	61	87
Ratio	100	19.0	12.3
Lower		15.5	10.0
Upper		23.3	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 50.350 ug/l

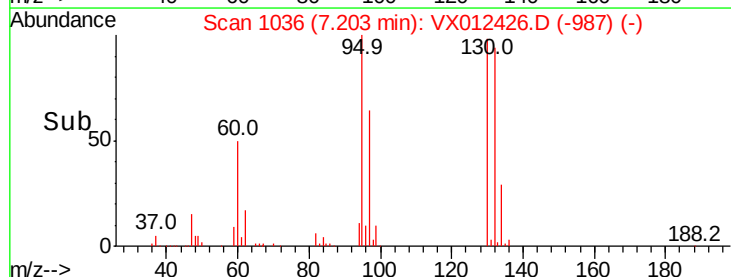
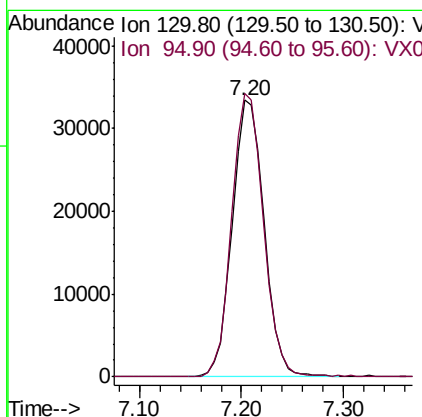
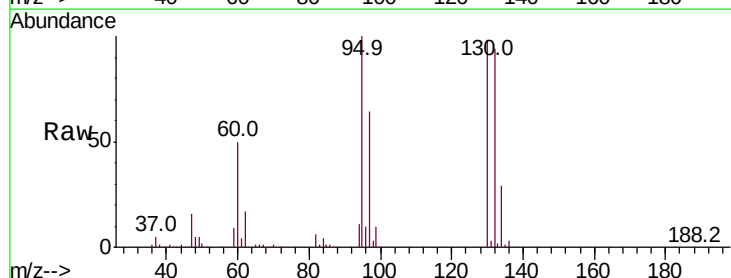
RT: 7.20 min Scan# 1036

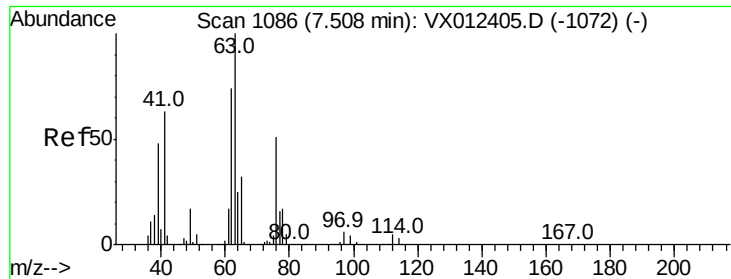
Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion	130	95
Ratio	100	102.4
Lower		0.0
Upper		203.2





#45

1,2-Dichloropropane

Concen: 51.142 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 83565

Ion Ratio Lower Upper

63 100

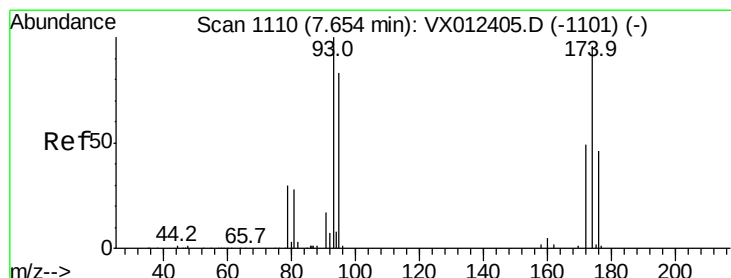
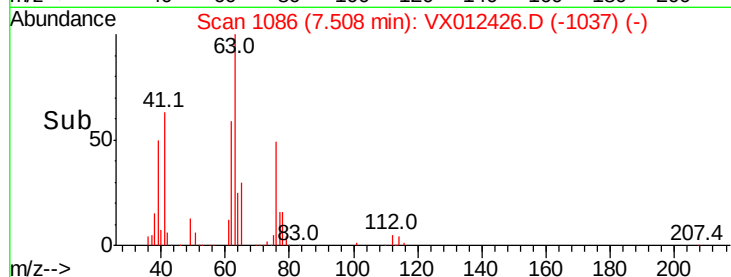
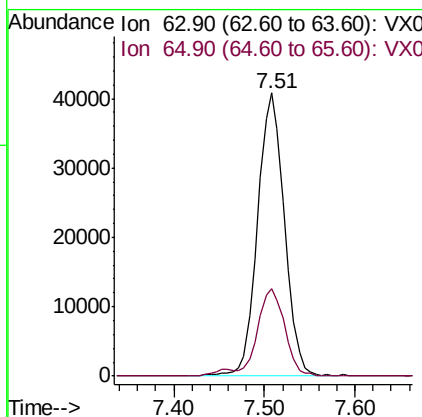
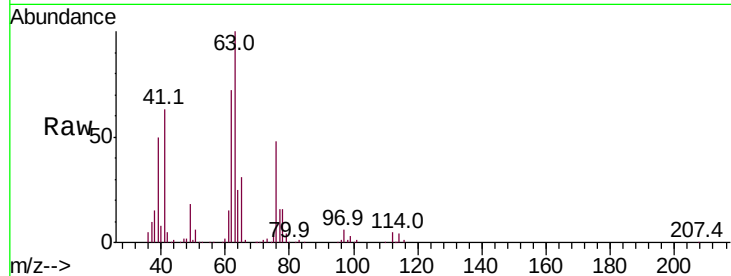
65 31.1 25.6 38.4

Manual Integrations

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#46

Dibromomethane

Concen: 49.539 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

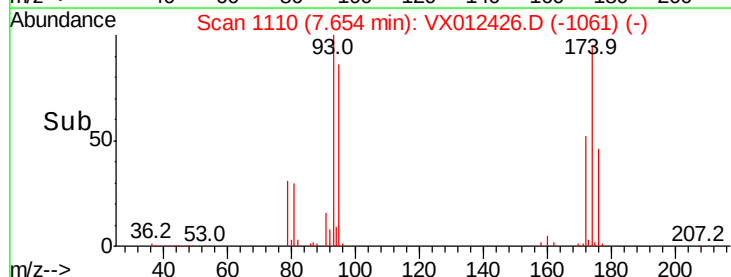
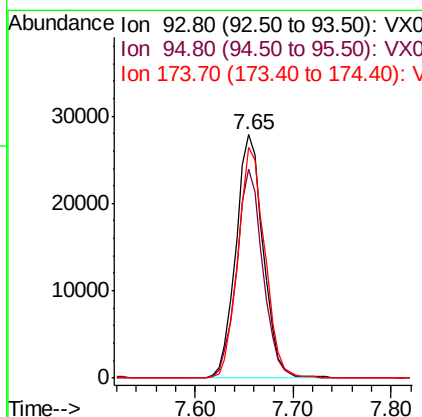
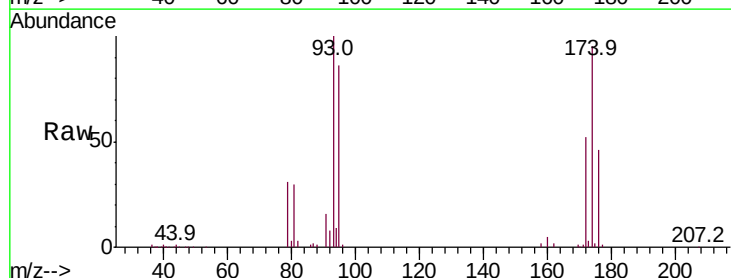
Tgt Ion: 93 Resp: 54001

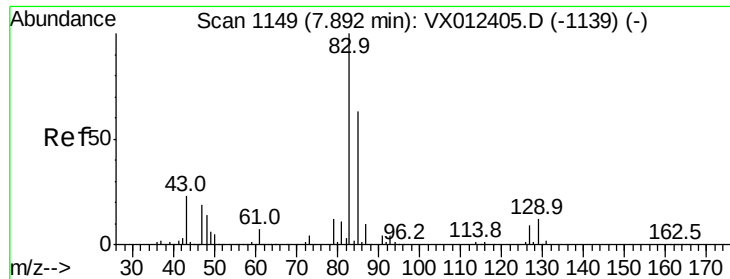
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

174 93.3 78.6 118.0





#47

Bromodichloromethane

Concen: 51.213 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

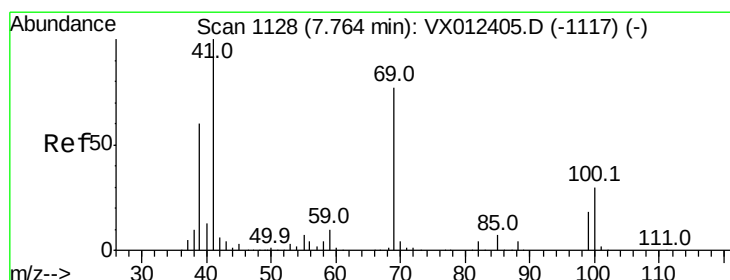
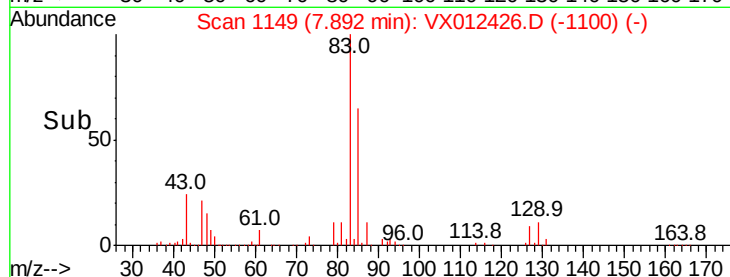
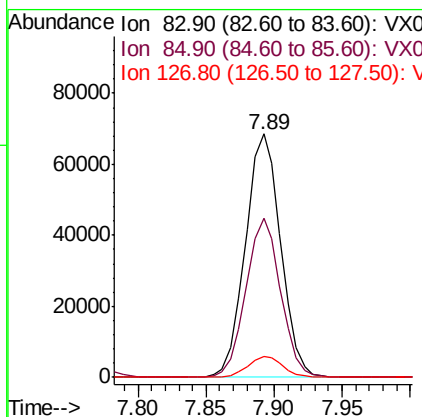
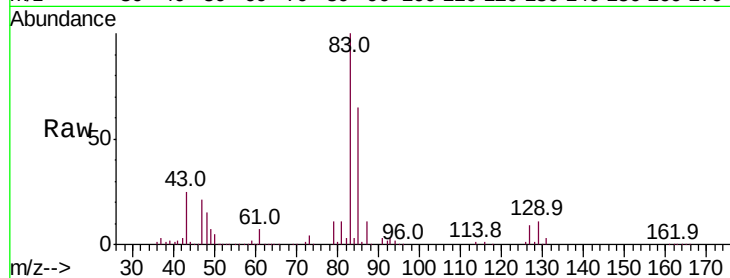
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	124634
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.2	75.4
127	8.6	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.304 ug/l

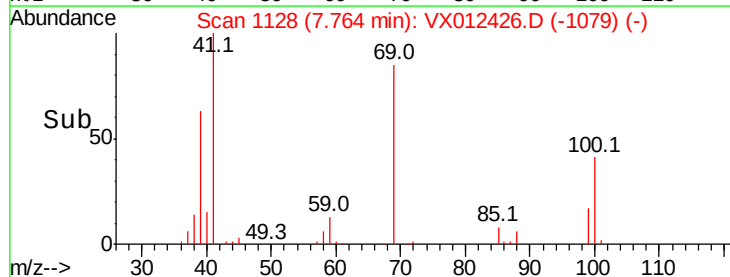
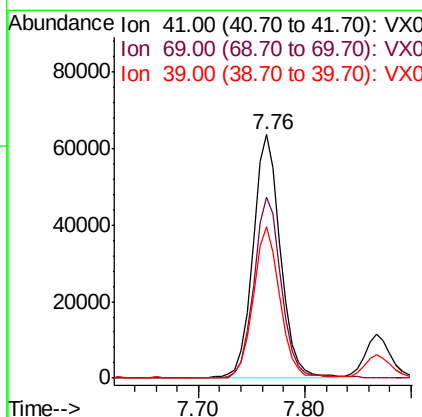
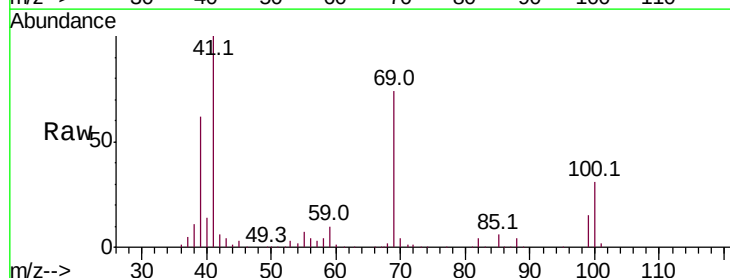
RT: 7.76 min Scan# 1128

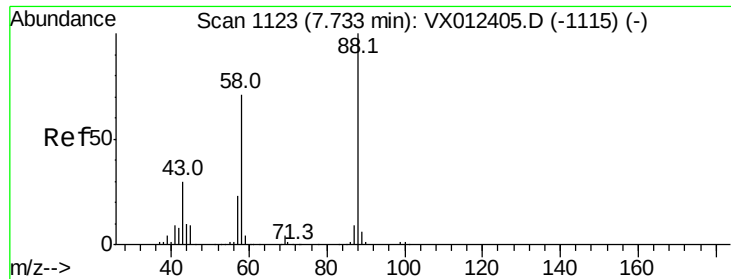
Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion:	41	Resp:	114384
Ion Ratio	Lower	Upper	
41	100		
69	75.0	61.6	92.4
39	60.6	47.6	71.4





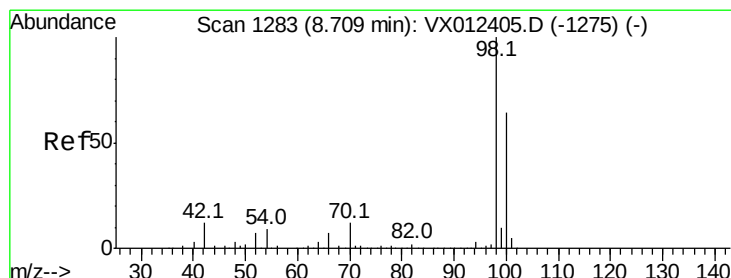
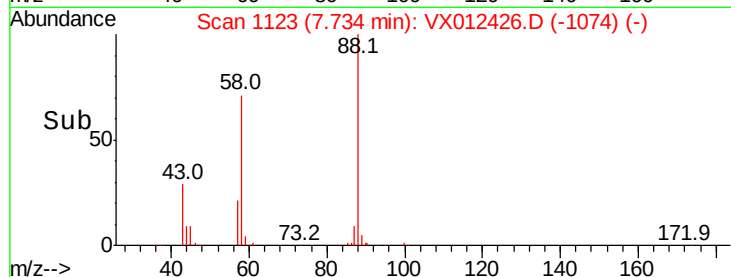
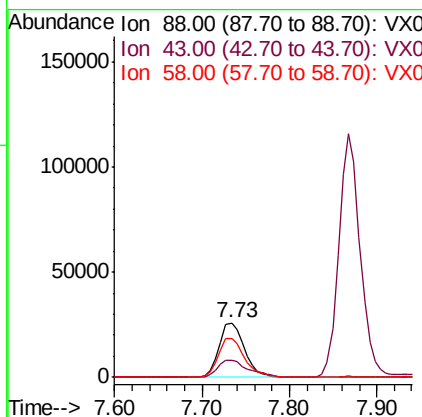
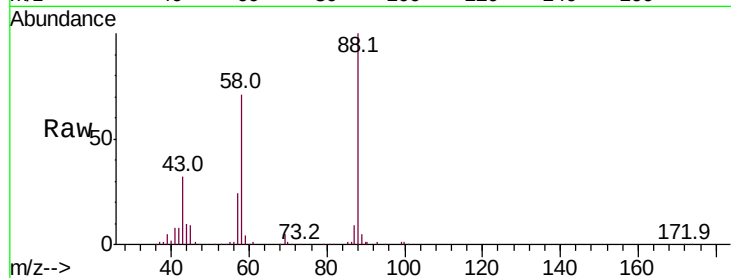
#49
1,4-Dioxane
Concen: 996.948 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	26.6	39.8
58	74.5	57.1	85.7

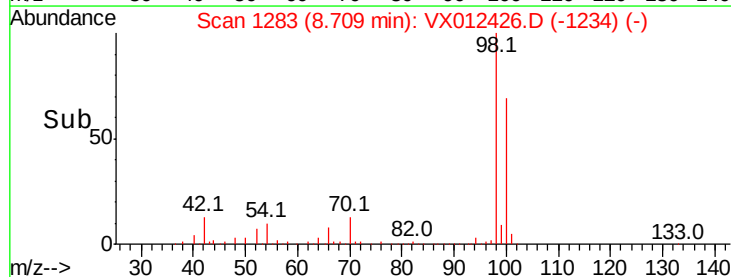
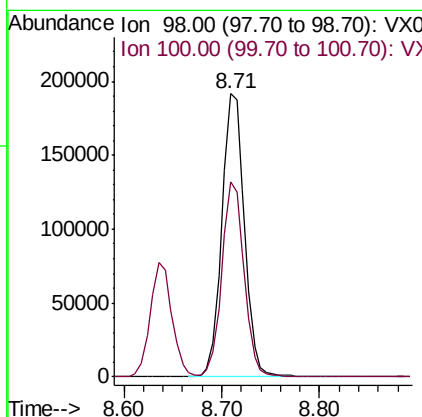
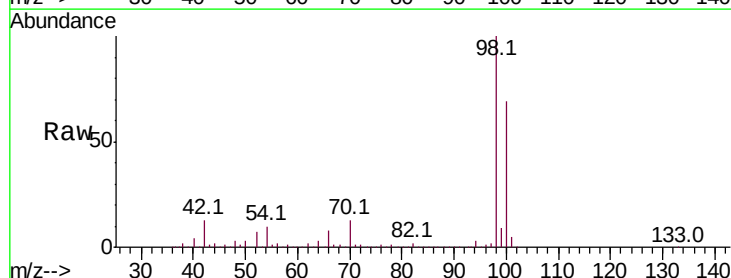
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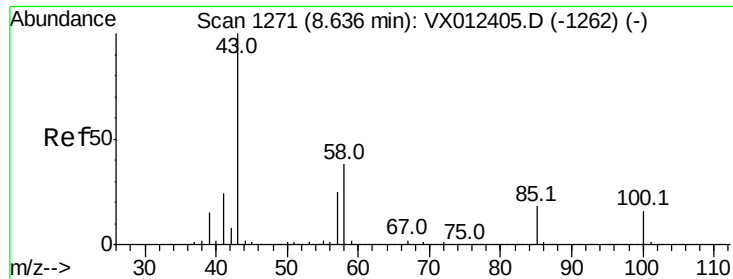
MMDadoda
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#50
Toluene-d8
Concen: 47.611 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	54.4	81.6





#51

4-Methyl-2-Pentanone

Concen: 265.823 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 789516

Ion Ratio Lower Upper

43 100

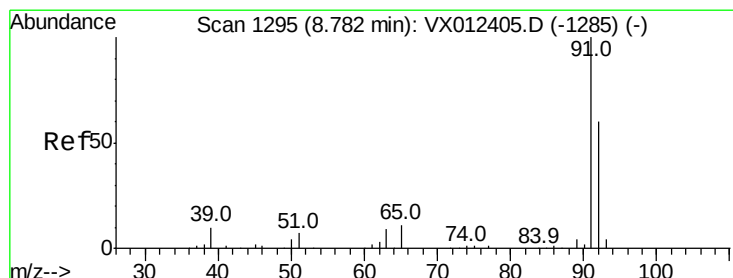
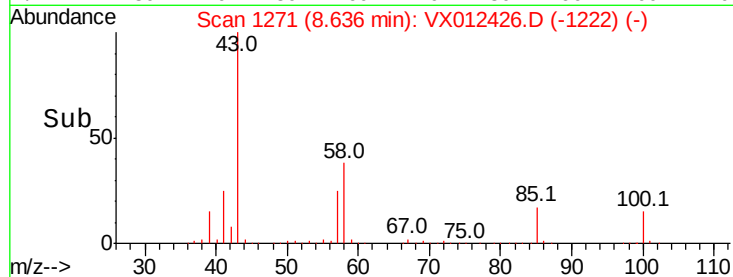
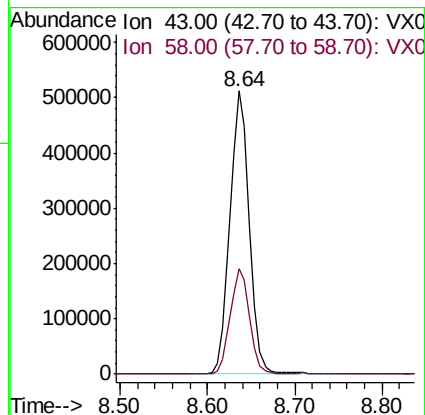
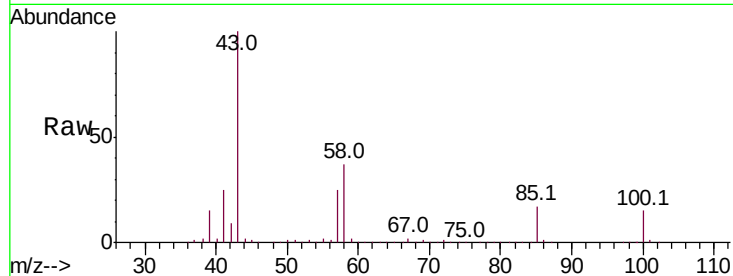
58 37.0 30.2 45.4

Manual Integrations

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#52

Toluene

Concen: 51.670 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012426.D

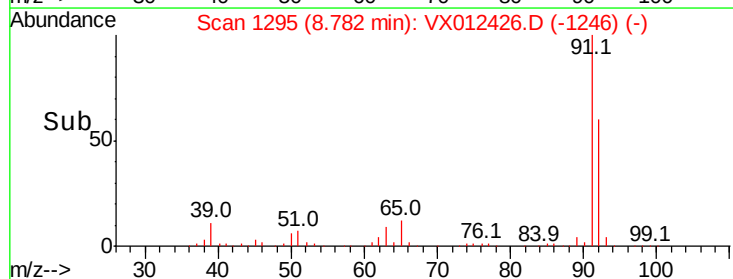
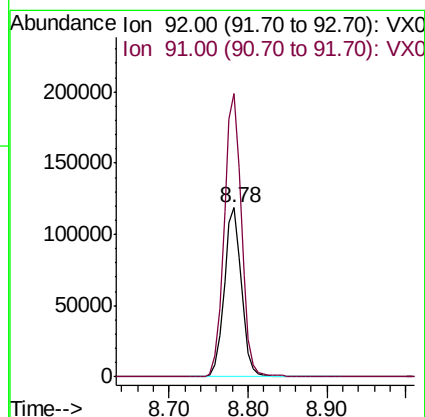
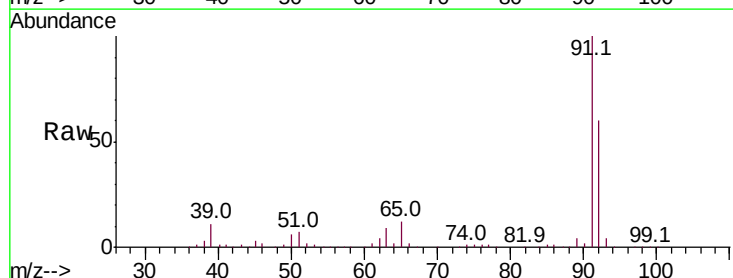
Acq: 16 Sep 2019 23:22

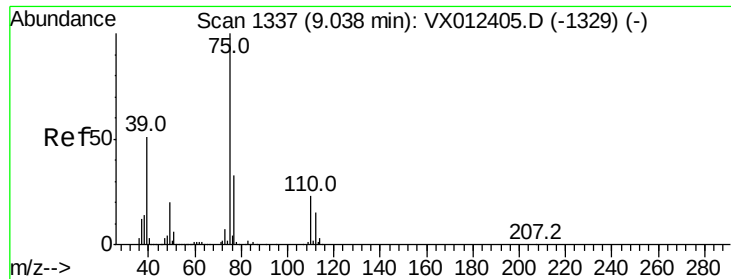
Tgt Ion: 92 Resp: 179831

Ion Ratio Lower Upper

92 100

91 168.9 133.3 199.9





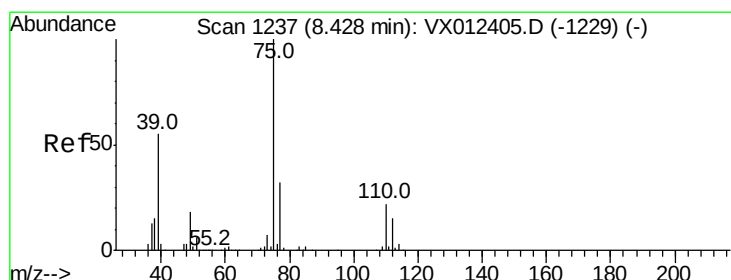
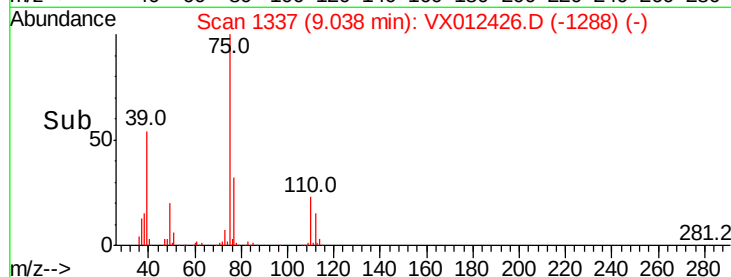
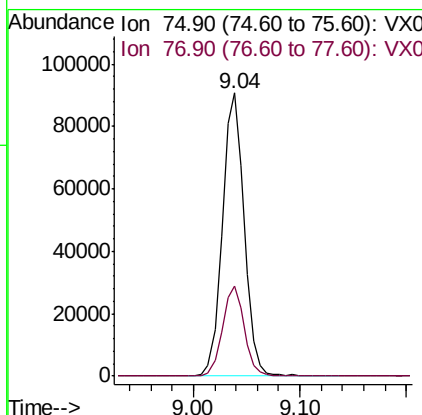
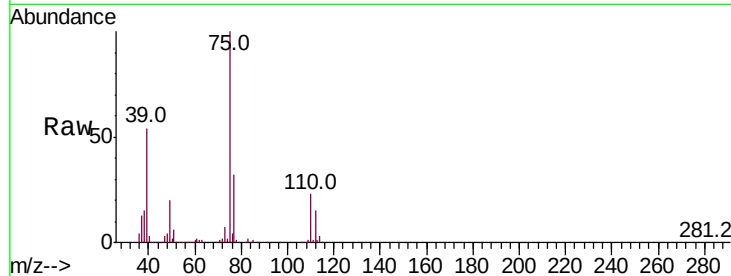
#53
t-1,3-Dichloropropene
Concen: 51.355 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.1	39.1

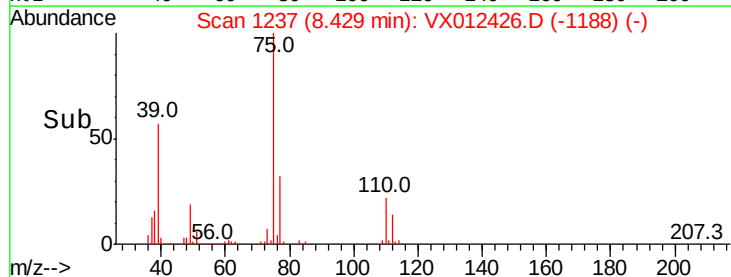
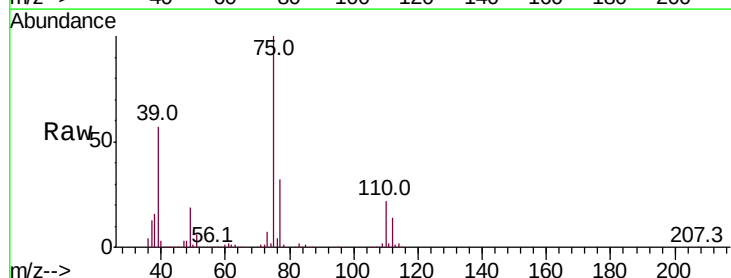
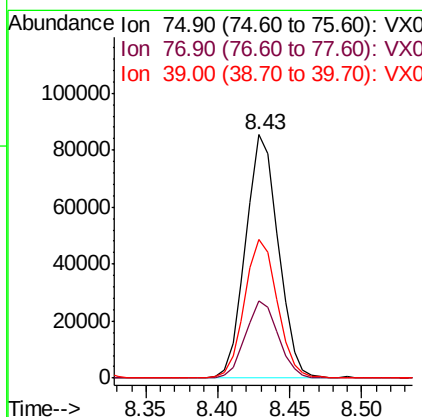
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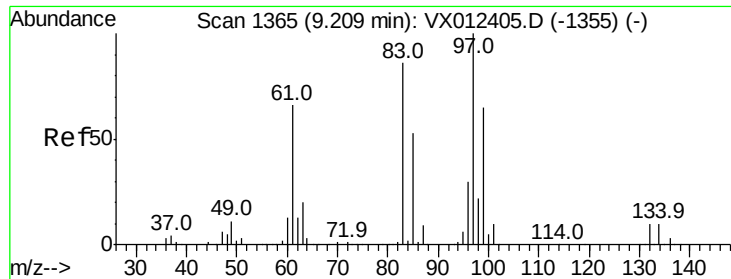
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.398 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8
39	56.8	43.8	65.8





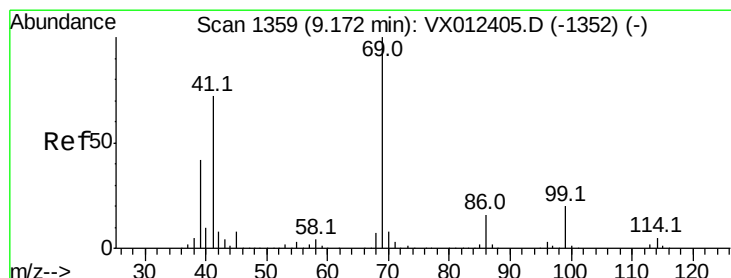
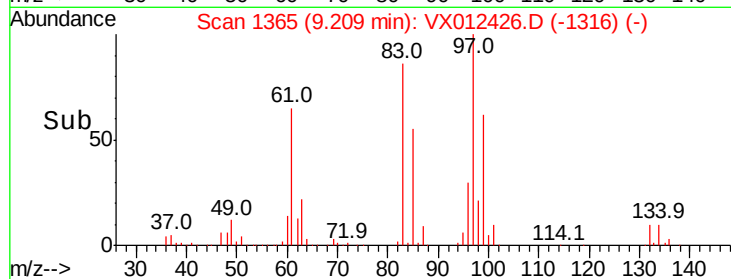
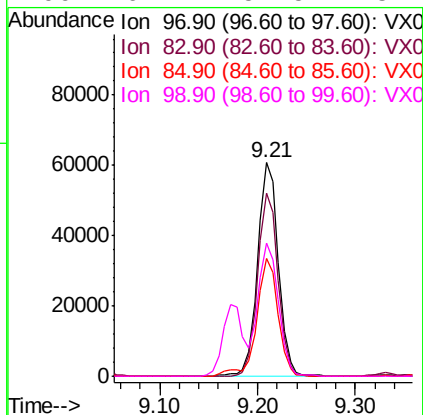
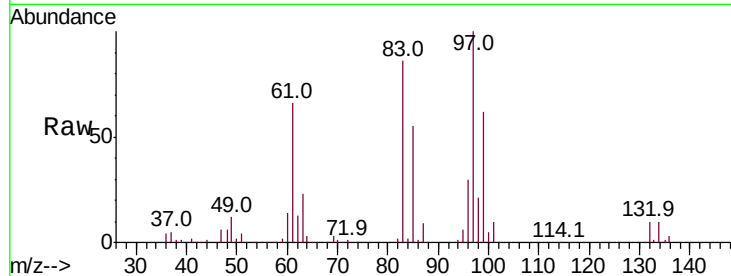
#55
 1,1,2-Trichloroethane
 Concen: 48.843 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.5	102.7
85	55.0	42.6	64.0
99	62.4	52.5	78.7

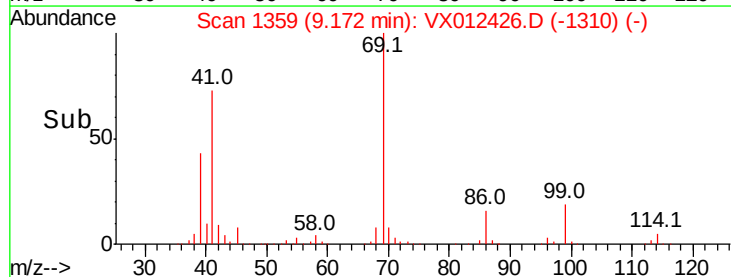
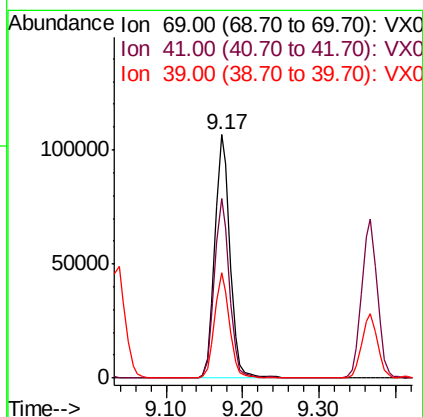
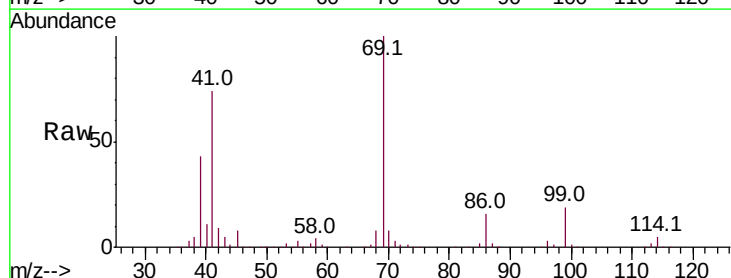
Manual Integrations
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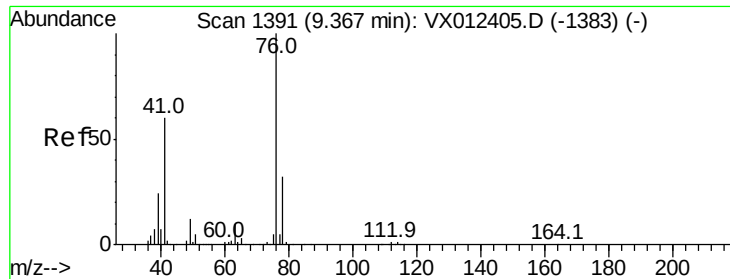
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#56
 Ethyl methacrylate
 Concen: 53.496 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.0	85.6
39	42.2	32.6	49.0





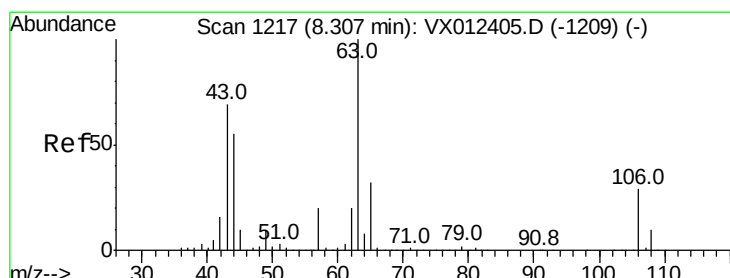
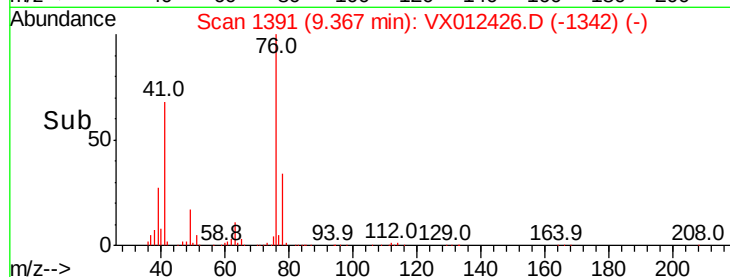
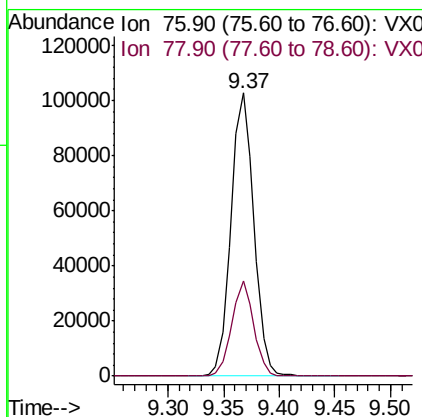
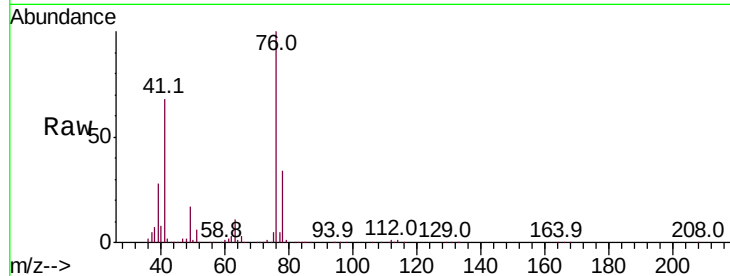
#57
 1,3-Dichloropropane
 Concen: 50.227 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

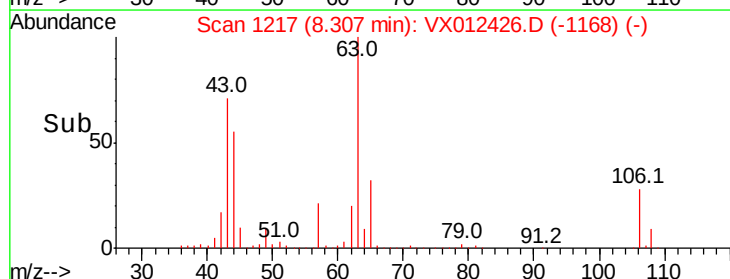
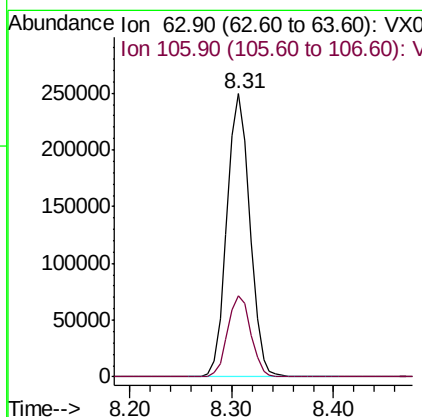
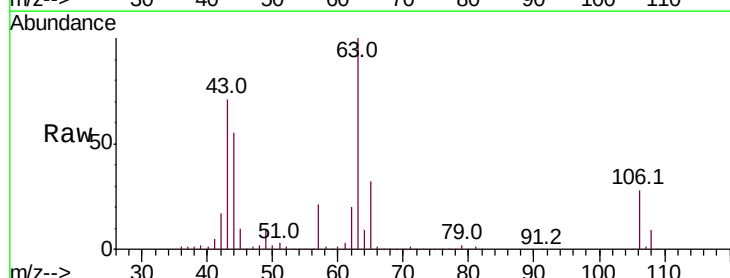
Manual Integrations
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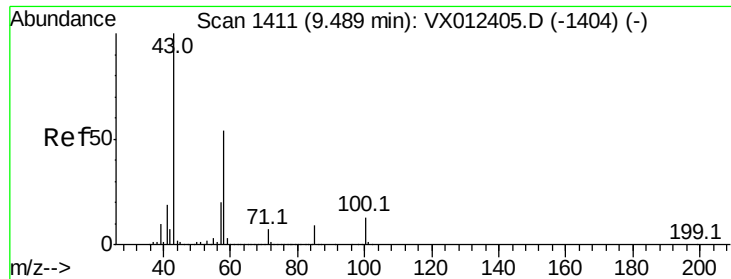
MMDadoda
 9/18/2019 12:14:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.583 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.8	35.8





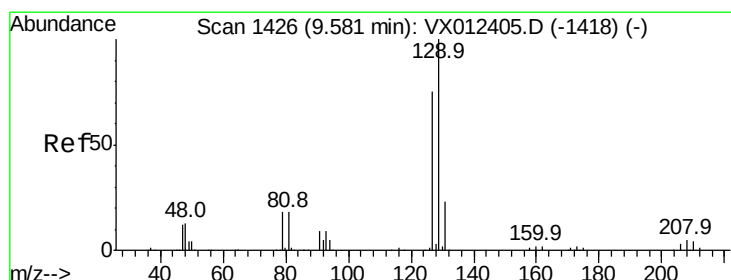
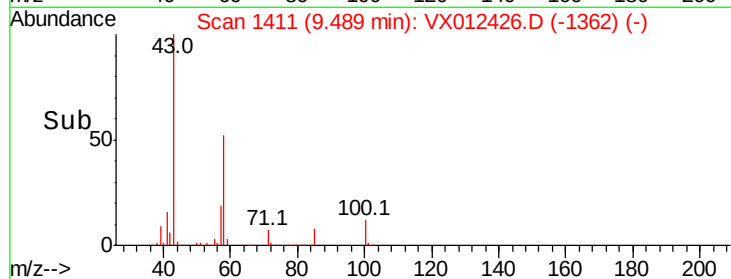
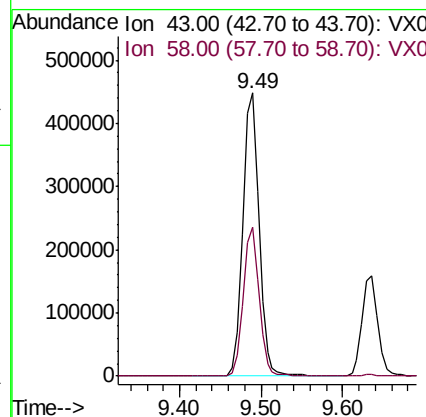
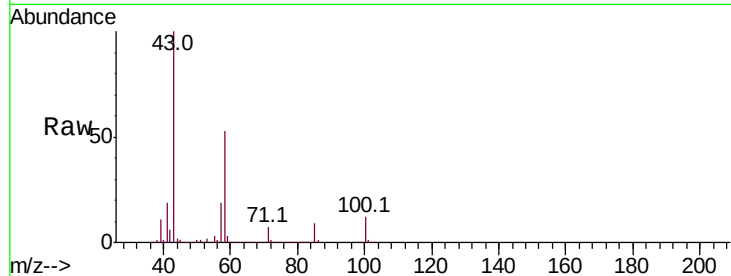
#59
2-Hexanone
Concen: 265.280 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 607425
Ion Ratio Lower Upper
43 100
58 51.6 26.4 79.0

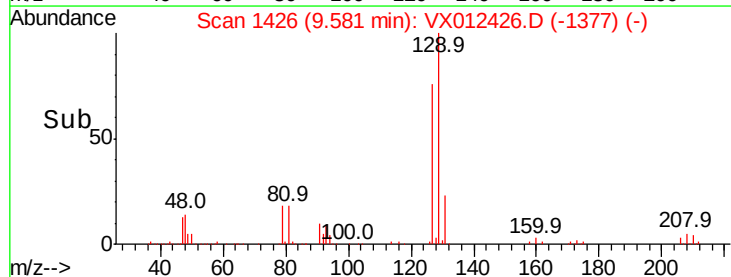
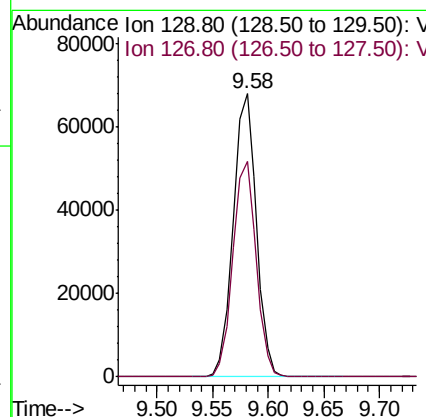
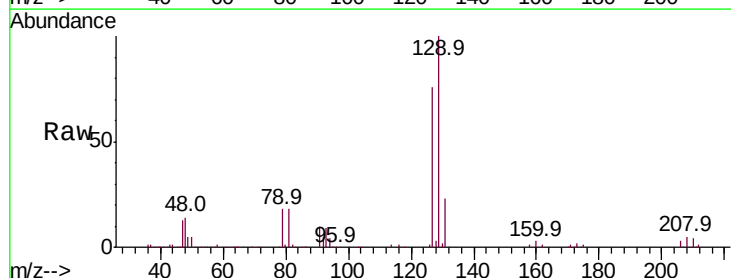
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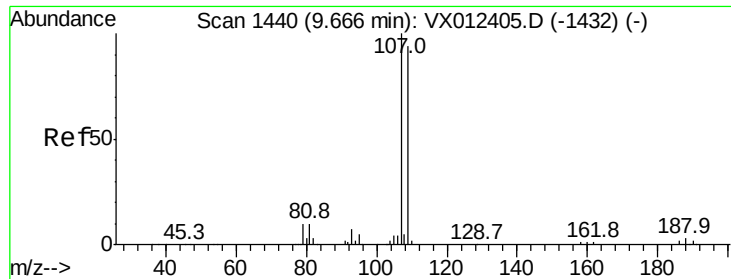
MMDadoda
9/18/2019 12:14:40 PM



#60
Dibromochloromethane
Concen: 46.689 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 129 Resp: 97790
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 50.596 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 85116

Ion Ratio Lower Upper

107 100

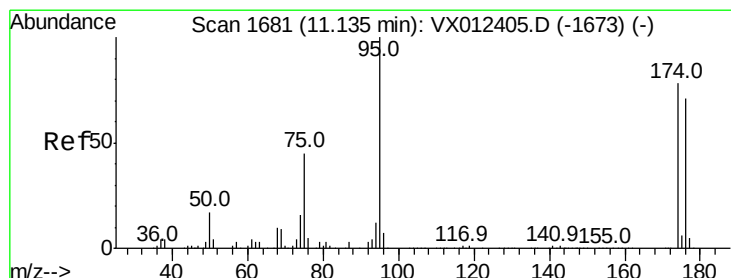
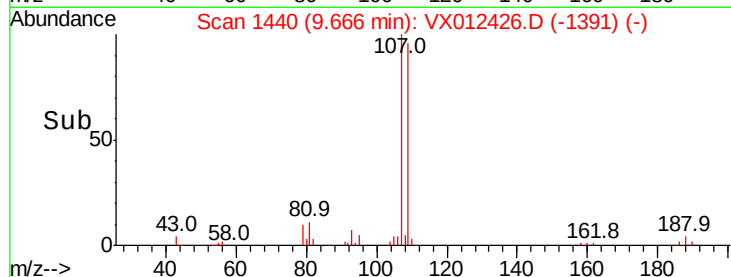
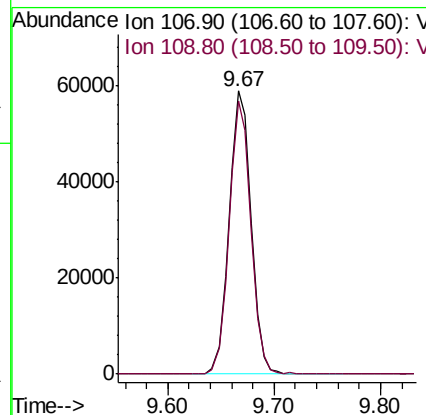
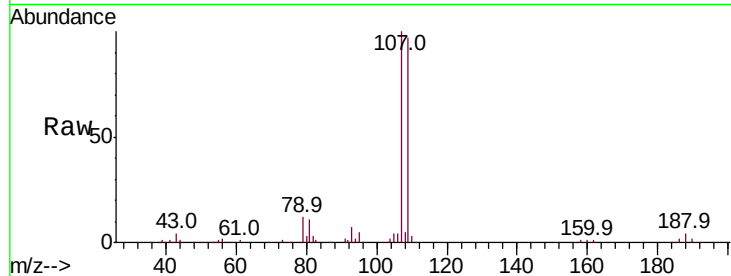
109 95.3 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 46.301 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

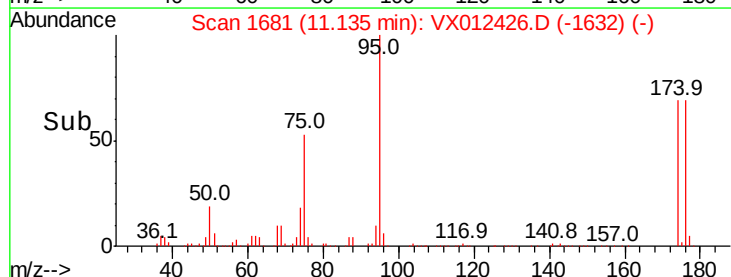
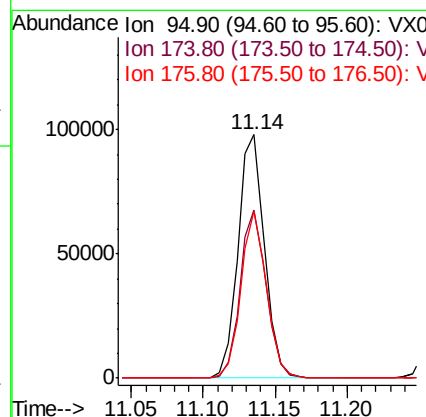
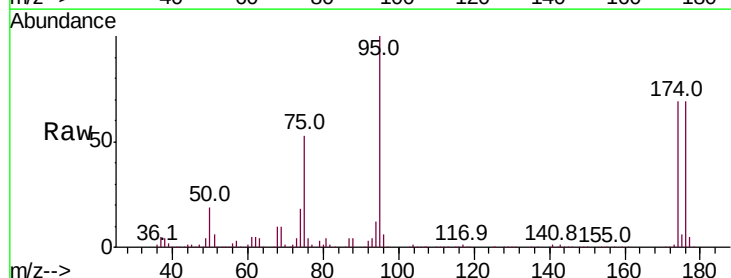
Tgt Ion: 95 Resp: 125731

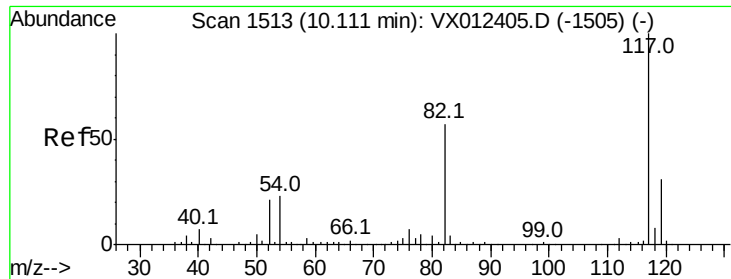
Ion Ratio Lower Upper

95 100

174 67.7 0.0 146.0

176 66.1 0.0 137.6





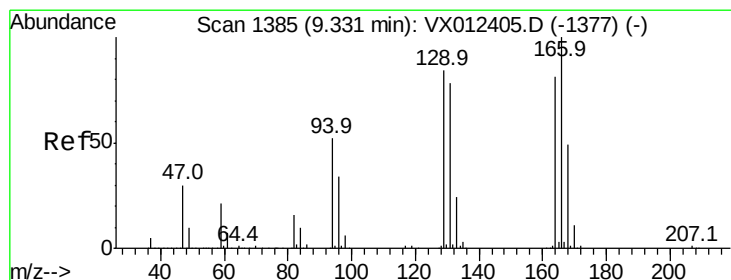
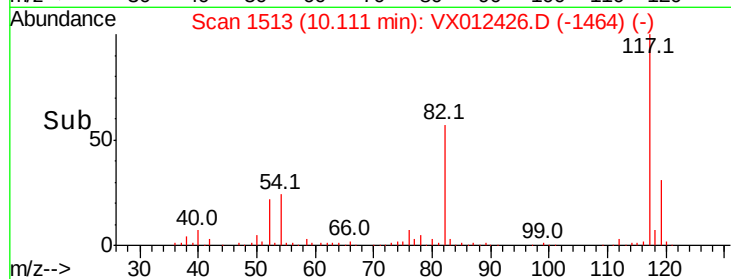
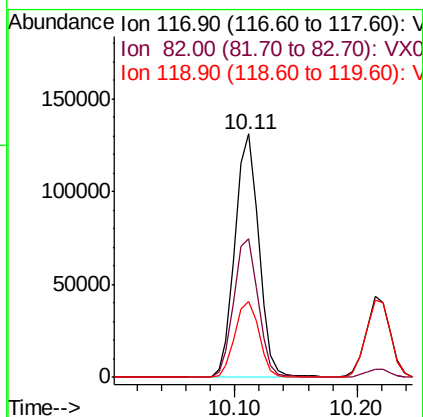
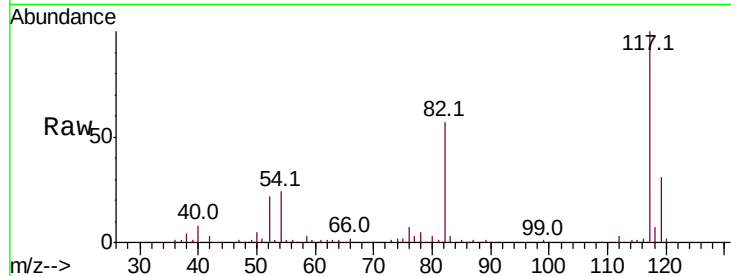
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	176855		
82	57.1	45.8	68.6	
119	31.2	24.9	37.3	

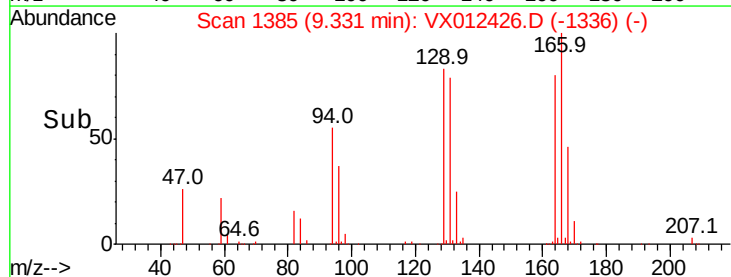
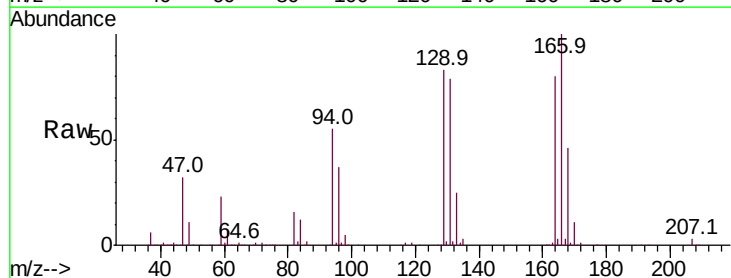
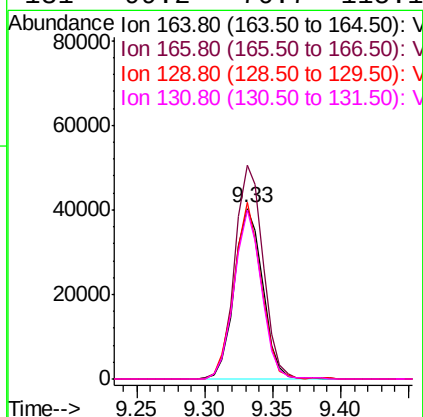
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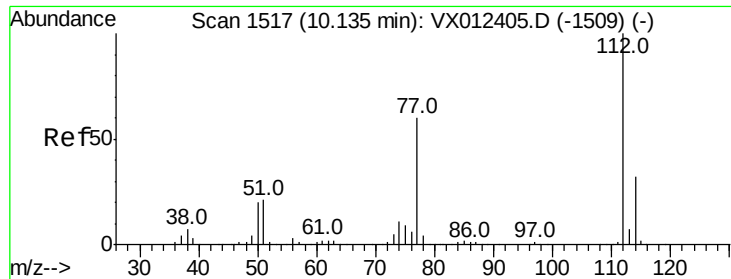
MMDadoda
9/18/2019 12:14:40 PM



#64
Tetrachloroethene
Concen: 50.013 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58652		
166	125.2	98.2	147.4	
129	103.4	82.6	123.8	
131	99.2	76.7	115.1	





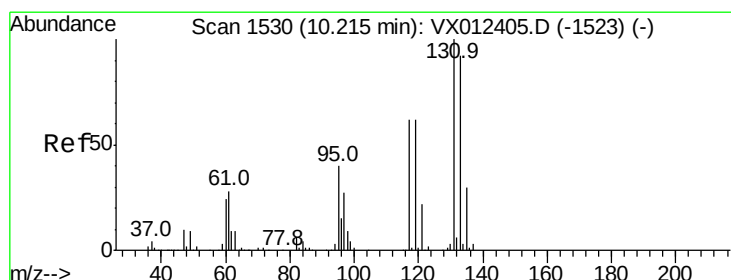
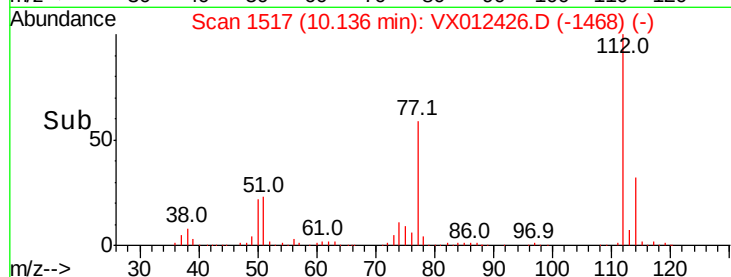
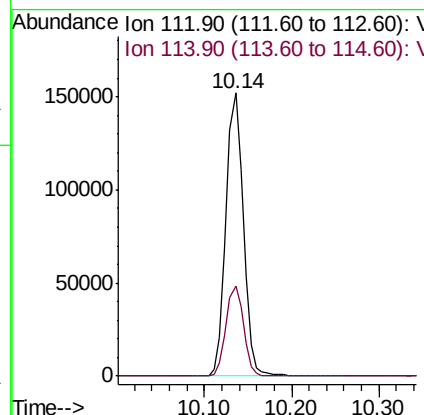
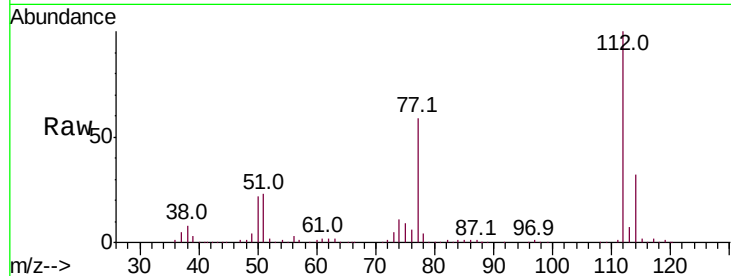
#65
Chlorobenzene
Concen: 50.611 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 208984
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

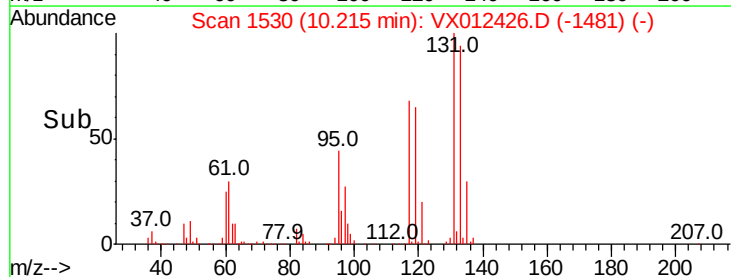
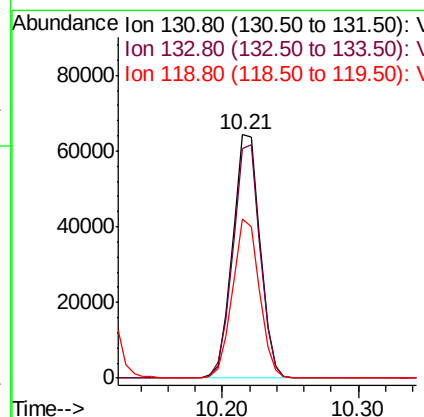
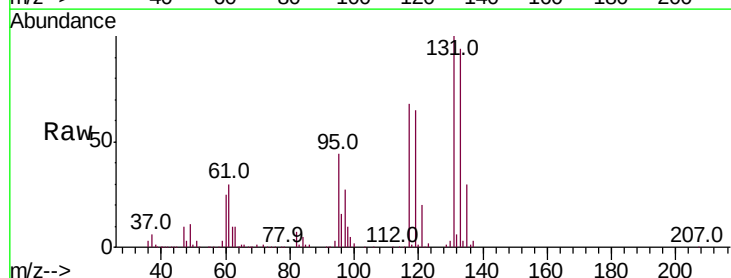
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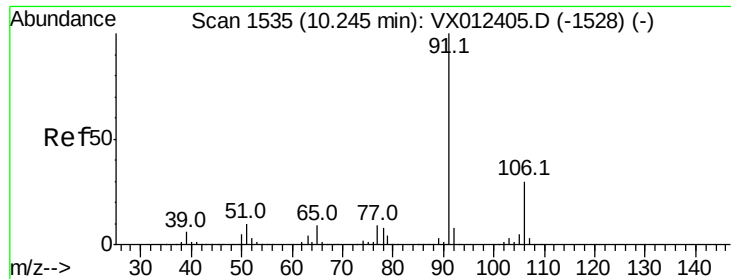
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.284 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion:131 Resp: 89844
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 64.7 31.6 94.7





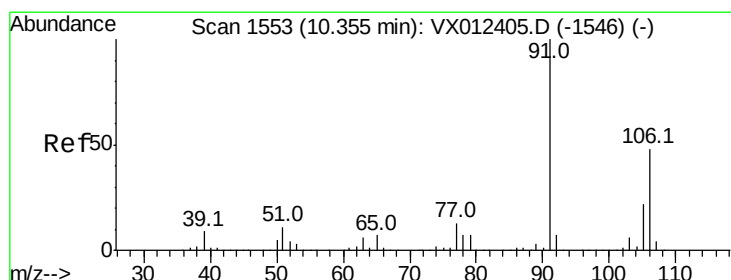
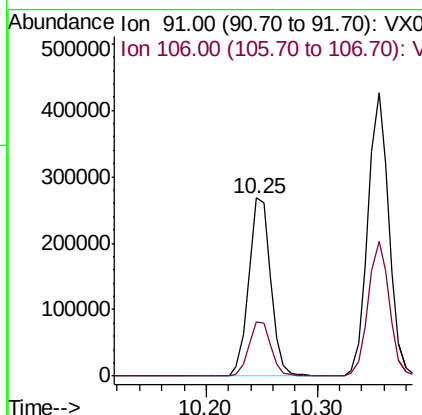
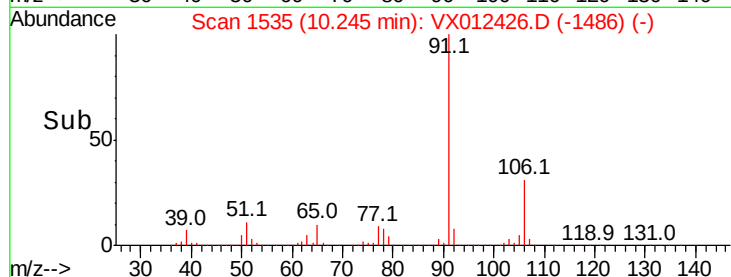
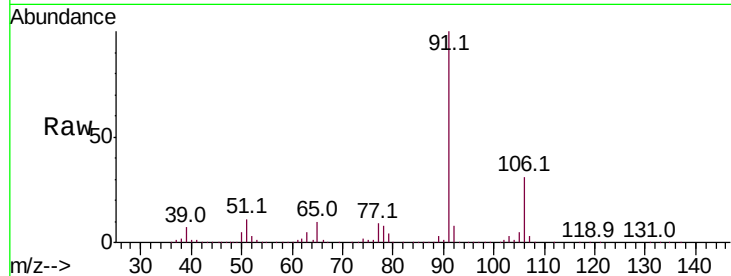
#67
Ethyl Benzene
Concen: 52.404 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 369281
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0

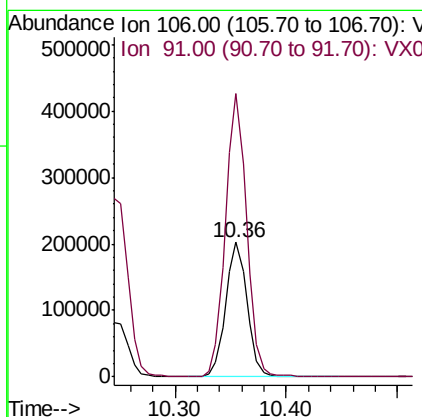
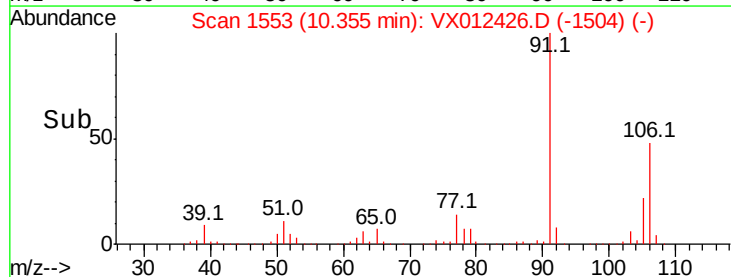
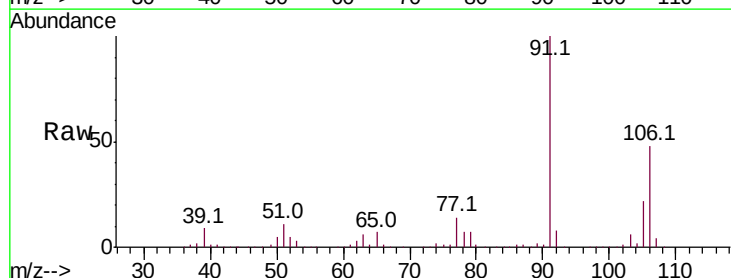
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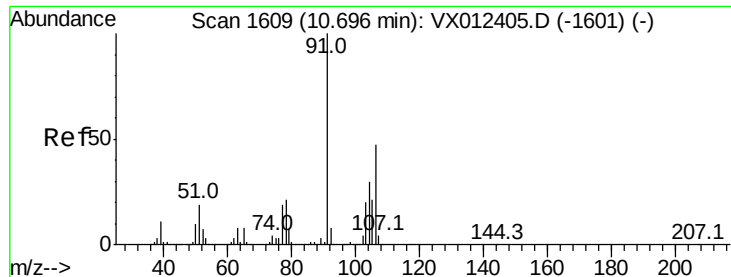
MMDadoda
9/18/2019 12:14:40 PM



#68
m/p-Xylenes
Concen: 103.731 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 106 Resp: 269821
Ion Ratio Lower Upper
106 100
91 208.6 167.4 251.0





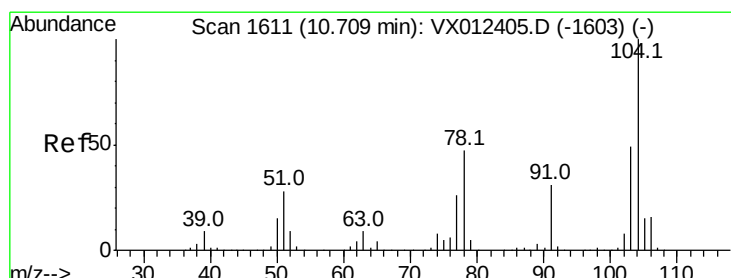
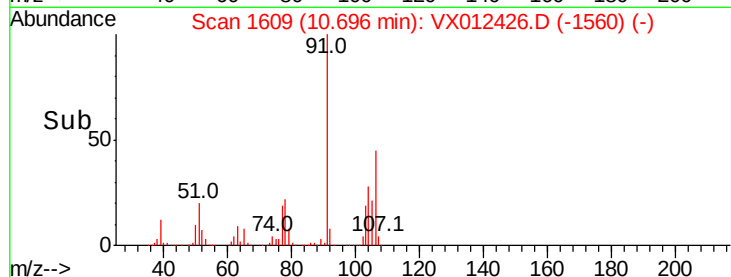
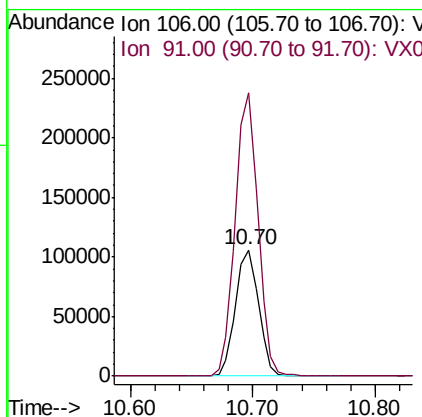
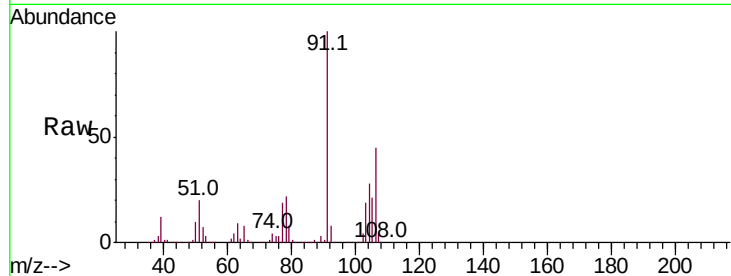
#69
o-Xylene
Concen: 51.420 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion:106 Resp: 138701
Ion Ratio Lower Upper
106 100
91 221.0 107.8 323.6

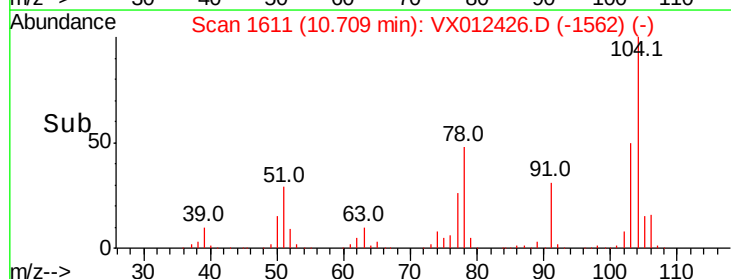
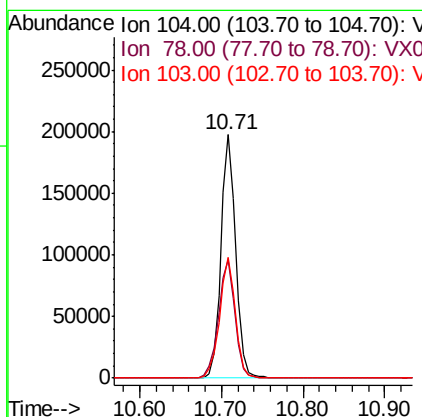
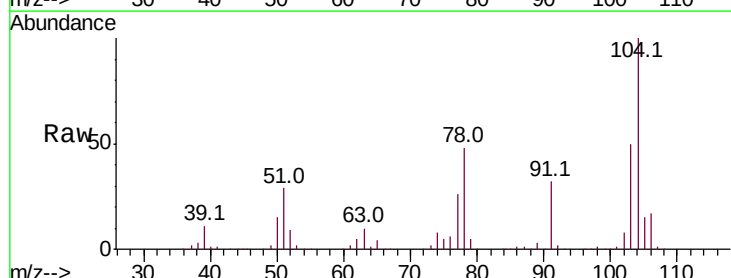
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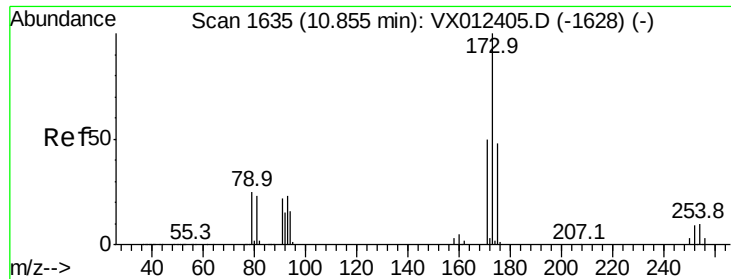
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#70
Styrene
Concen: 53.083 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion:104 Resp: 248444
Ion Ratio Lower Upper
104 100
78 54.5 42.3 63.5
103 53.8 42.9 64.3





#71

Bromoform

Concen: 45.716 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 69744

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

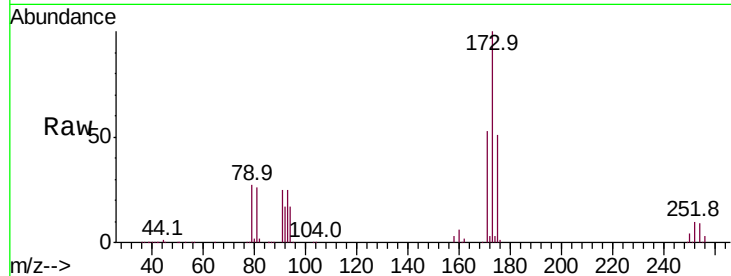
254 0.0 0.1 0.1#

Manual Integrations

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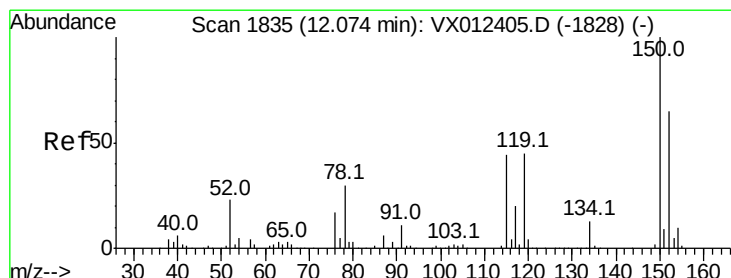
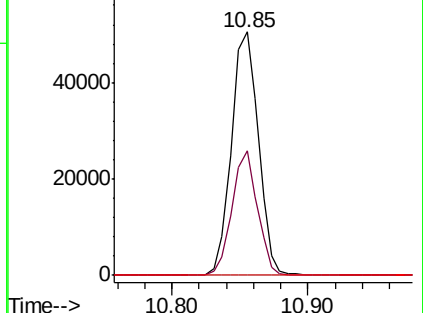
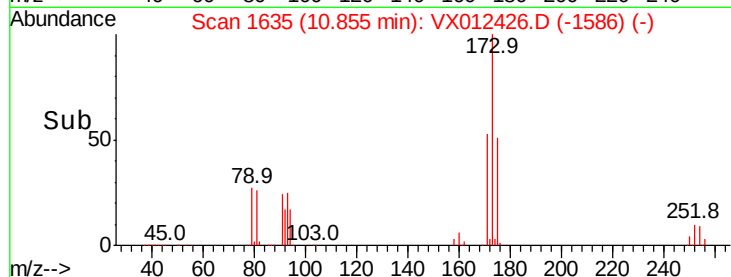
9/18/2019 12:14:40 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

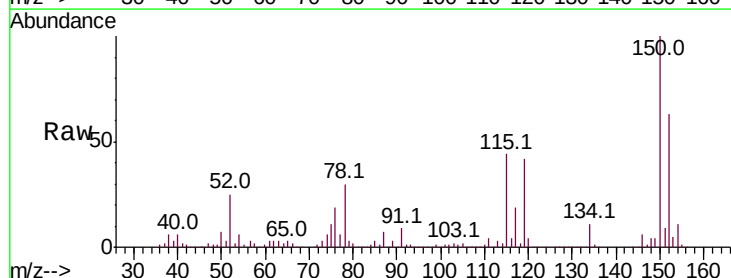
Tgt Ion:152 Resp: 105482

Ion Ratio Lower Upper

152 100

115 89.2 45.3 135.9

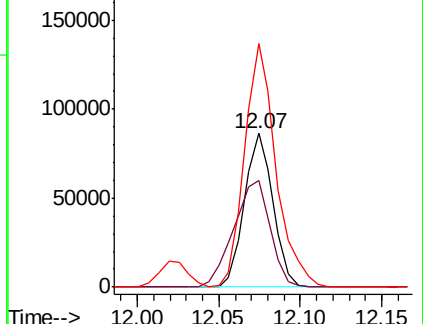
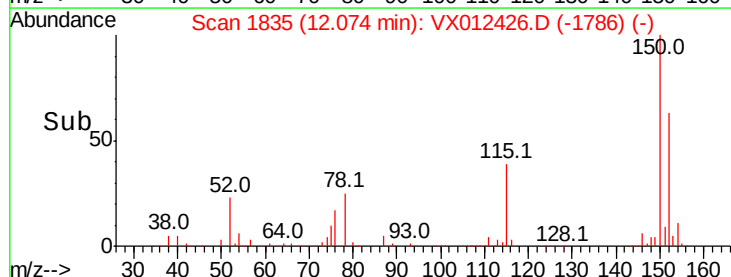
150 174.1 0.0 354.0

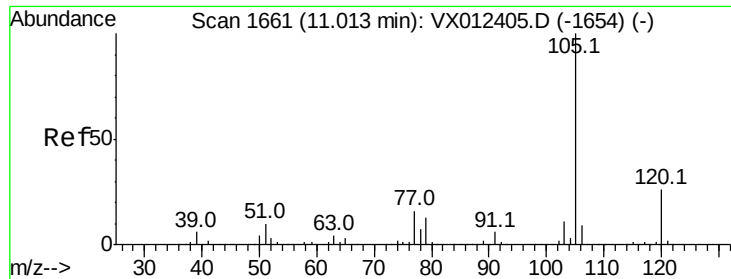


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





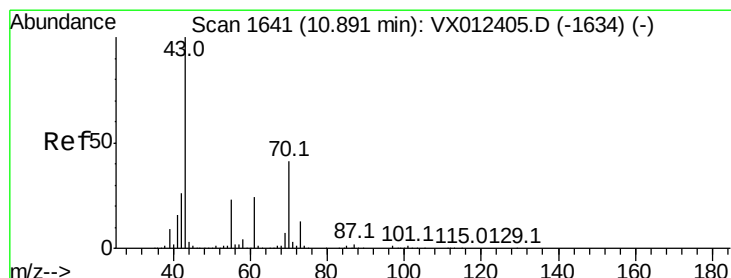
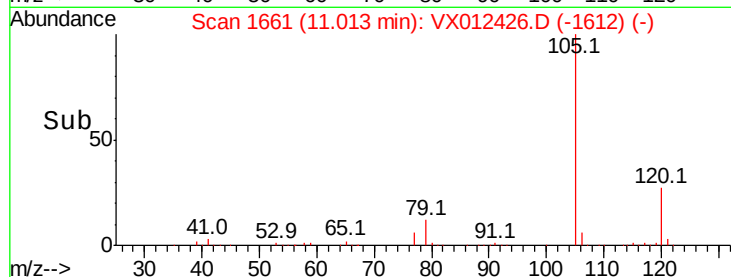
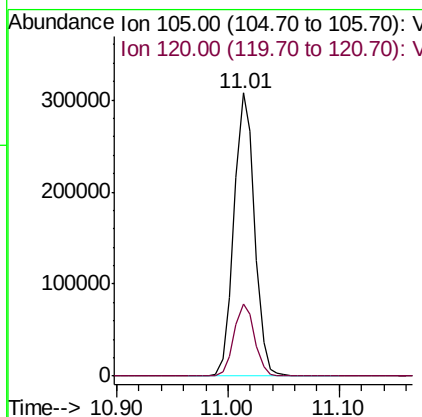
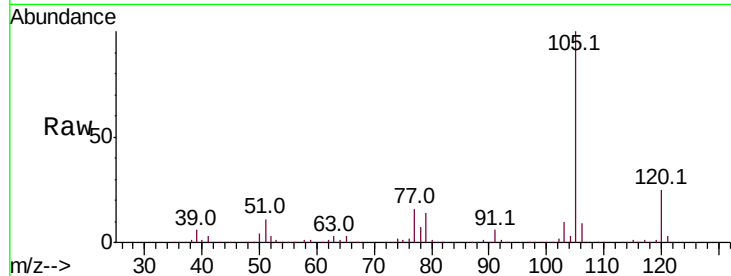
#73
Isopropylbenzene
Concen: 53.500 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.2	39.6

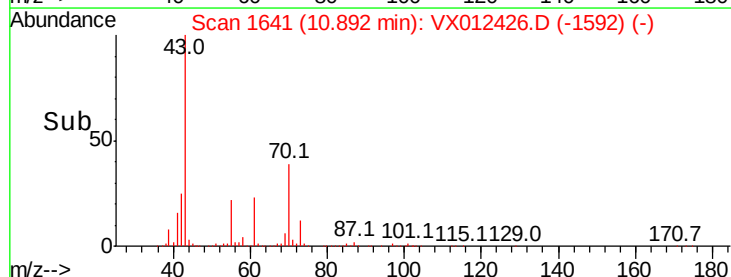
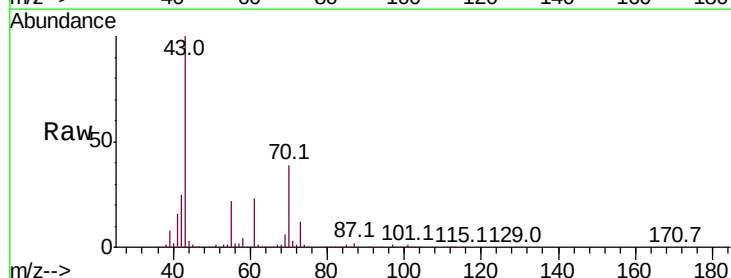
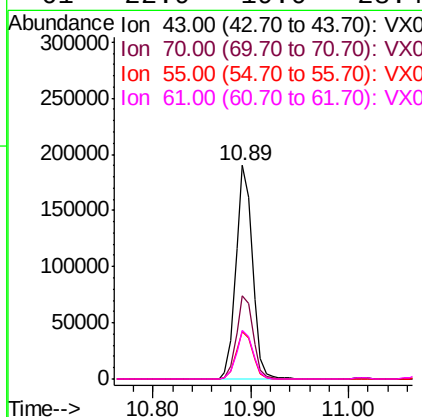
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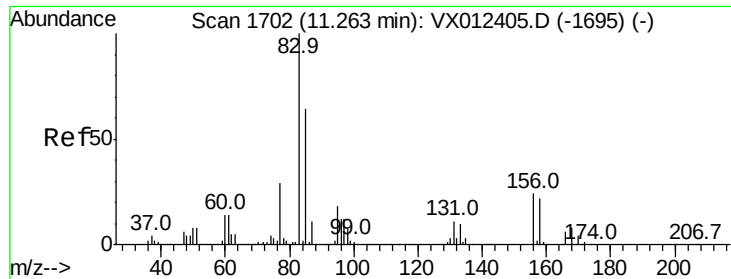
MMDadoda
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#74
N-ethyl acetate
Concen: 57.327 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	32.7	49.1
55	22.8	18.9	28.3
61	22.9	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.335 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

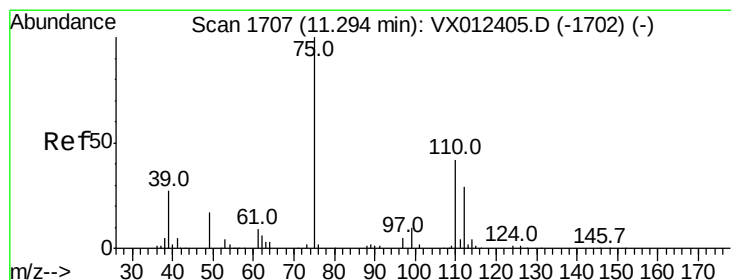
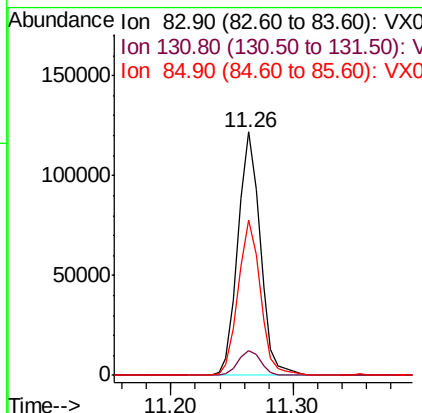
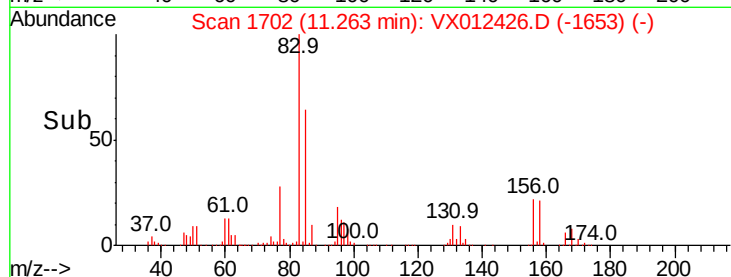
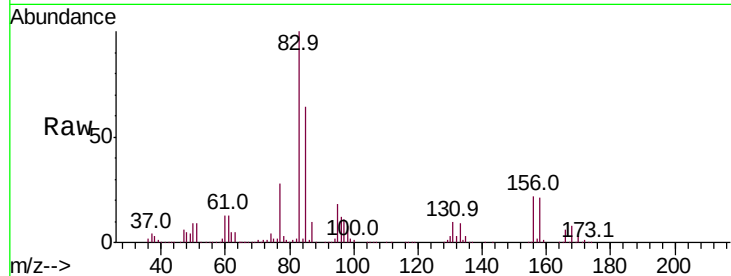
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	153793
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.4
85	63.4	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.914 ug/l m

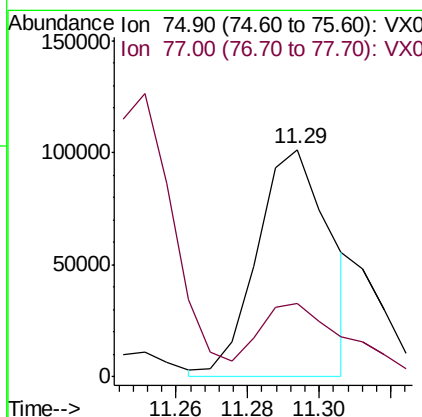
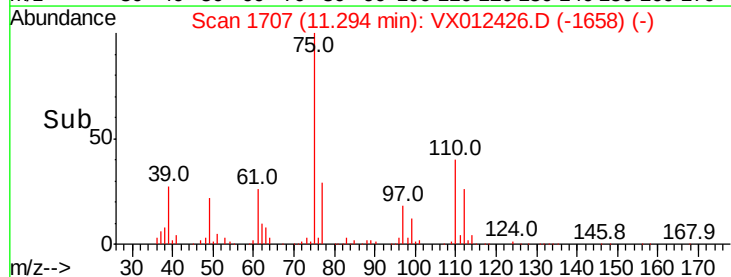
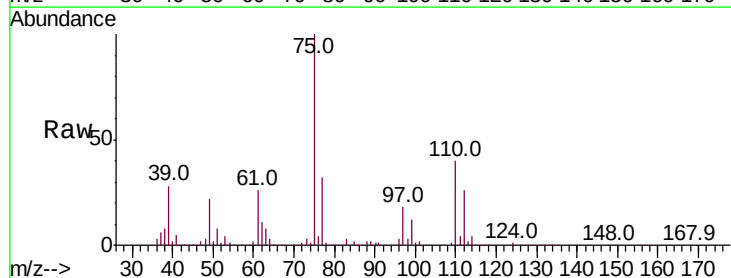
RT: 11.29 min Scan# 1707

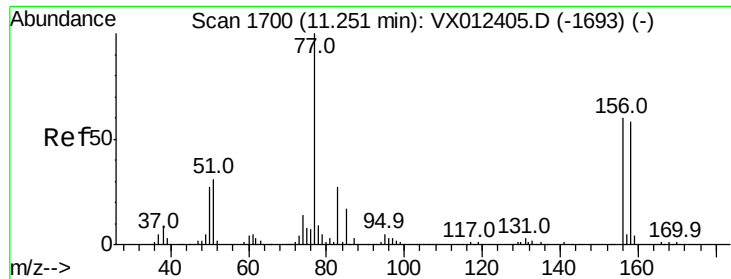
Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion:	75	Resp:	144285
Ion Ratio	Lower	Upper	
75	100		
77	38.8	19.4	58.2





#77

Bromobenzene

Concen: 50.292 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

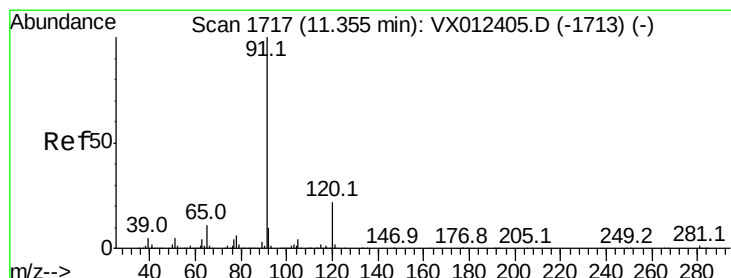
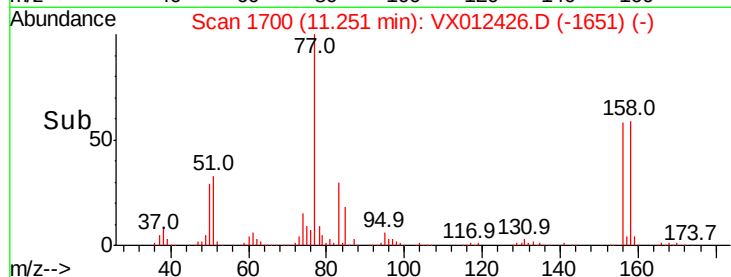
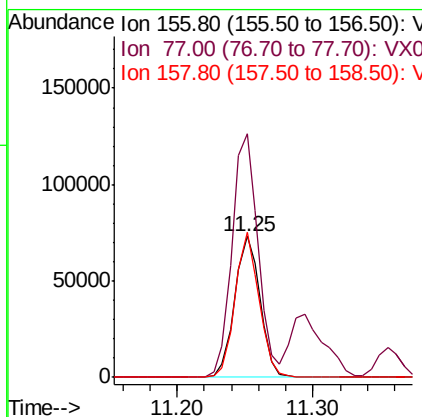
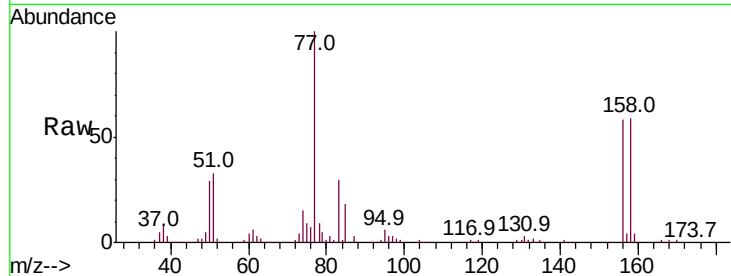
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	94897
Ion	Ratio	Lower	Upper
156	100		
77	176.6	84.8	254.3
158	96.6	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.475 ug/l

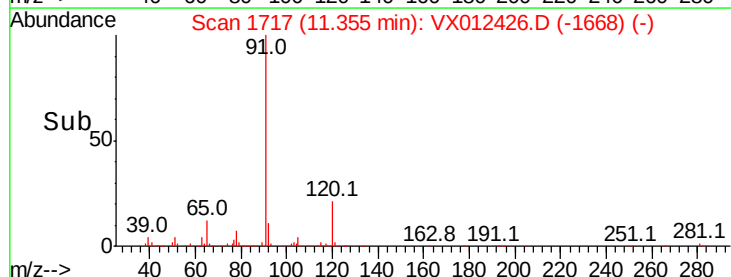
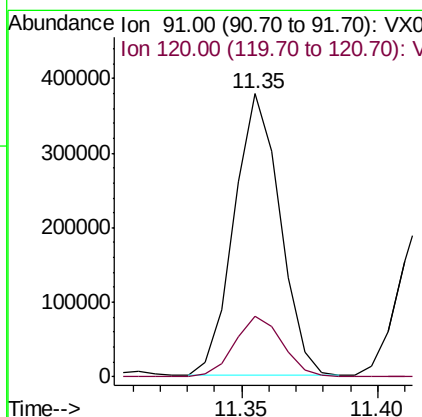
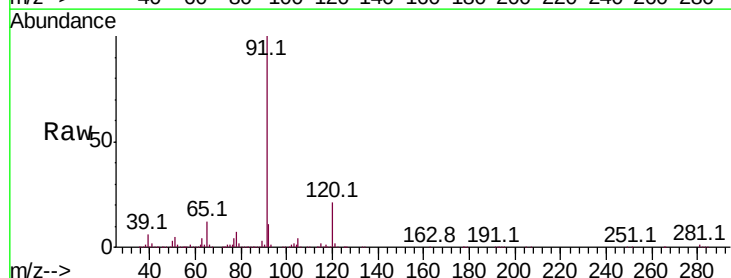
RT: 11.35 min Scan# 1717

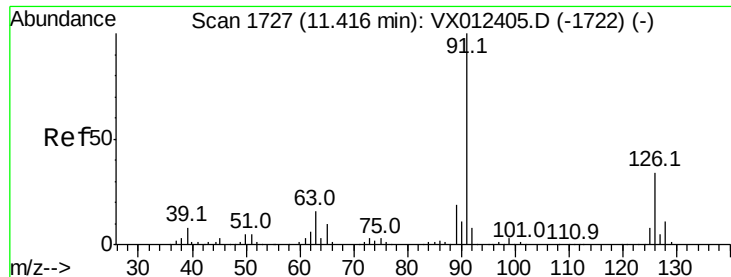
Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion:	91	Resp:	442885
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.5	34.4





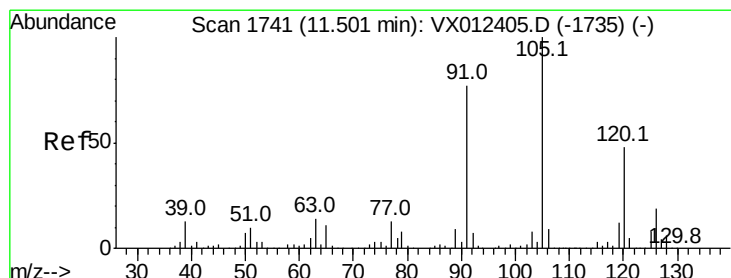
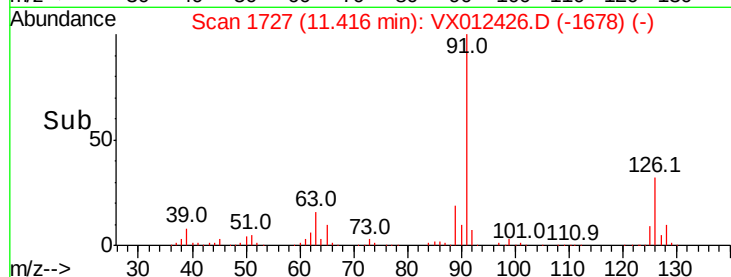
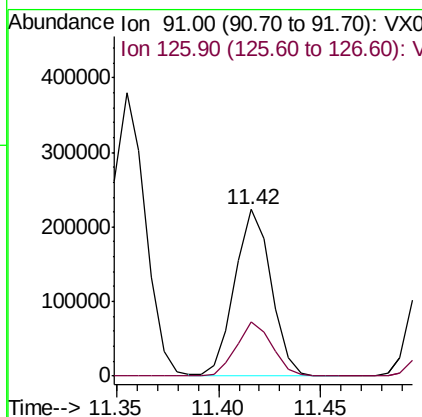
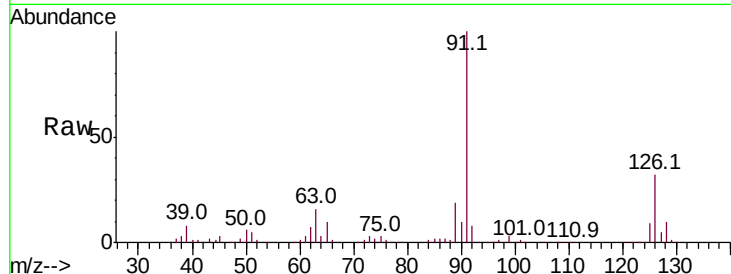
#79
2-Chlorotoluene
Concen: 52.169 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 277373
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.2

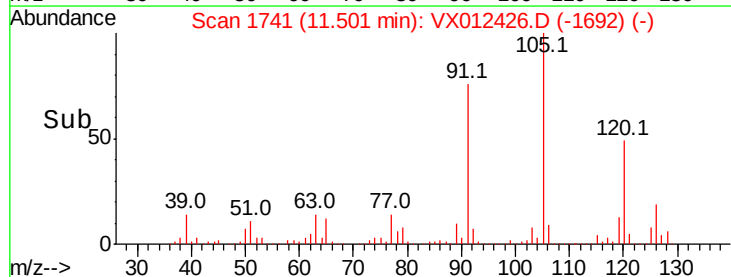
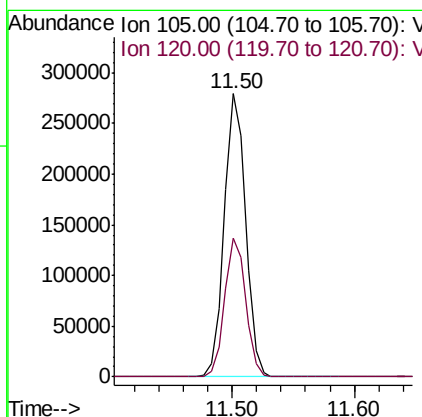
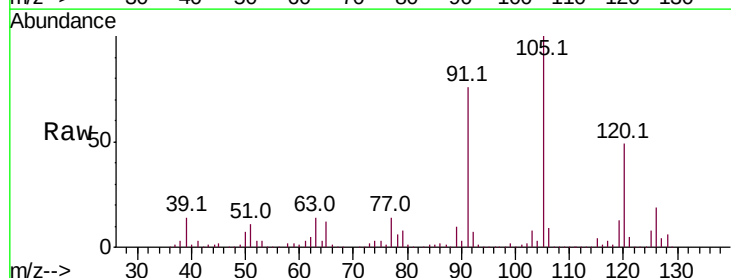
Manual Integrations
APPROVED

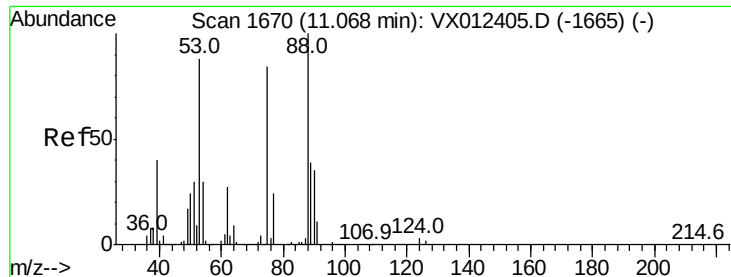
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 52.792 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 105 Resp: 336889
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





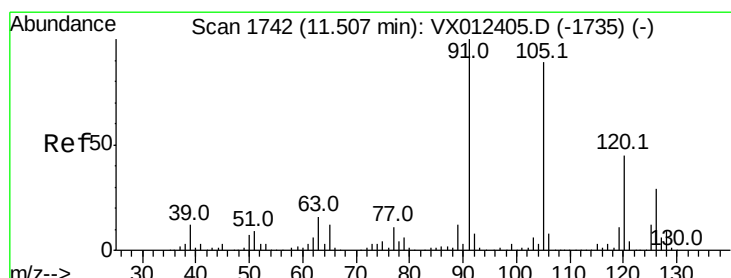
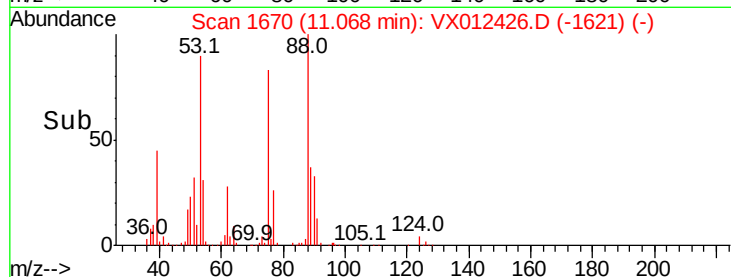
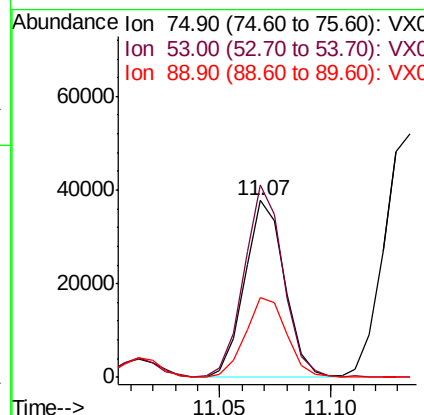
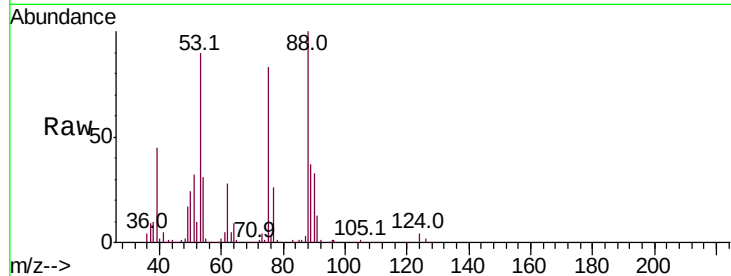
#81
trans-1,4-Dichloro-2-butene
Concen: 48.817 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.0	84.6	127.0
89	46.7	38.8	58.2

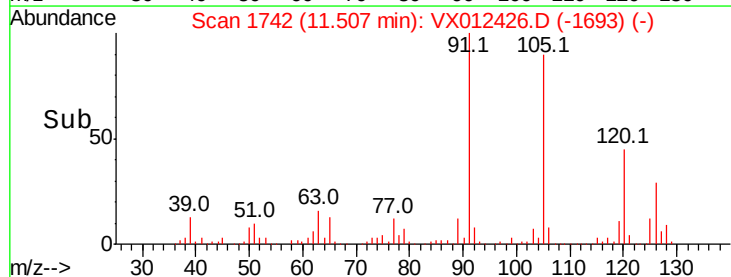
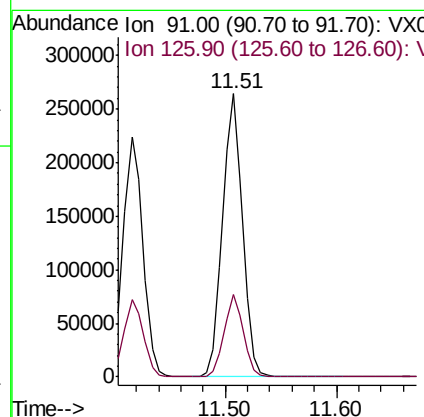
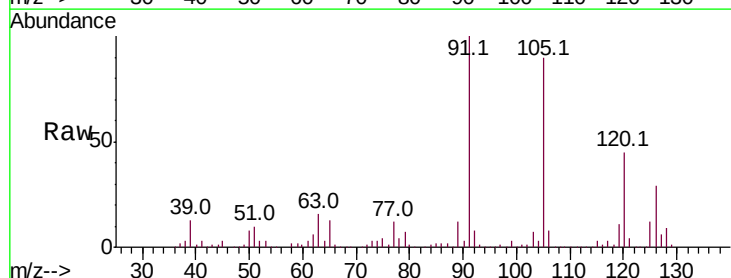
Manual Integrations
APPROVED

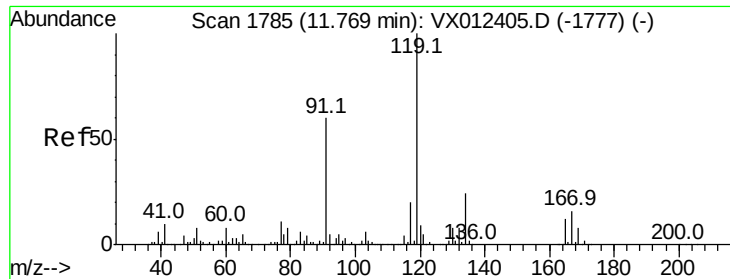
MMDadoda
9/18/2019 12:14:40 PM



#82
4-Chlorotoluene
Concen: 52.718 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.1	42.3





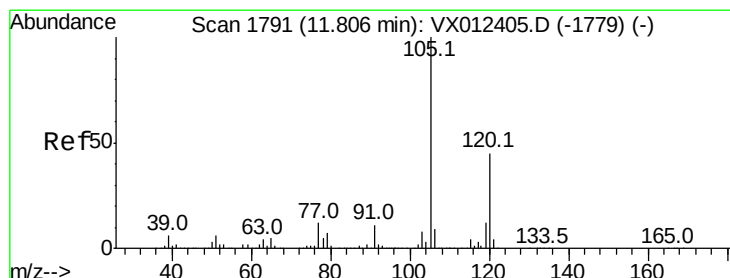
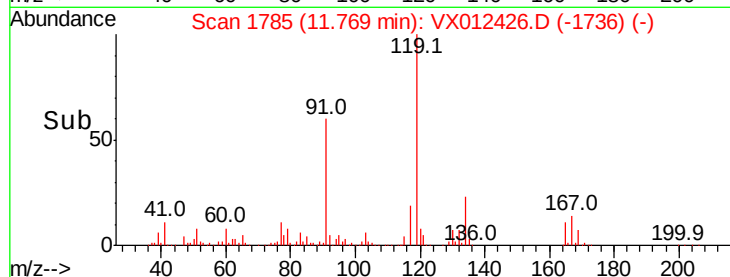
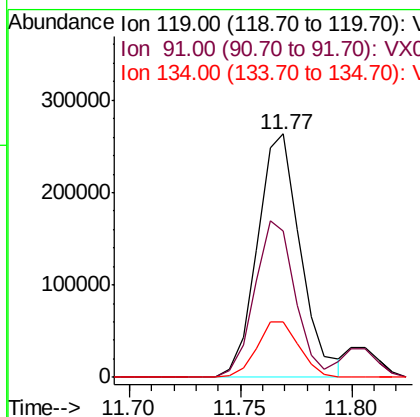
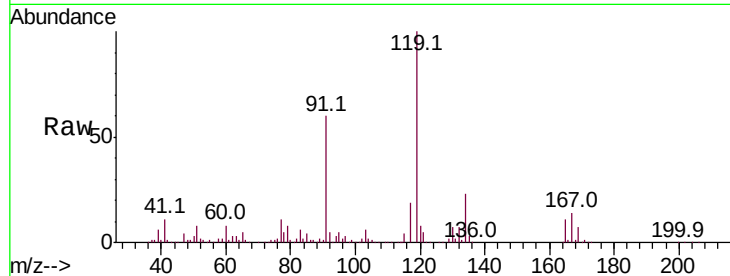
#83
tert-Butylbenzene
Concen: 52.456 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	355064		
91	60.3	29.6	88.8	
134	22.5	11.4	34.1	

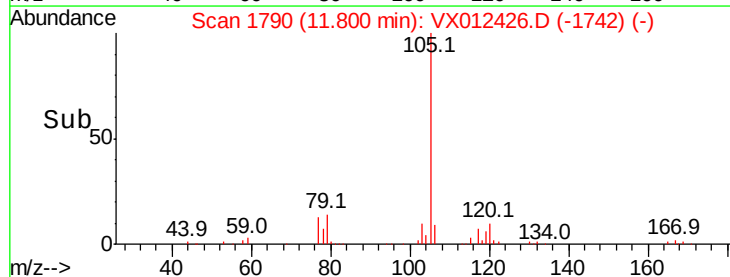
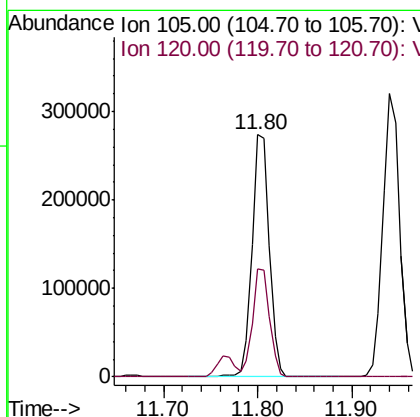
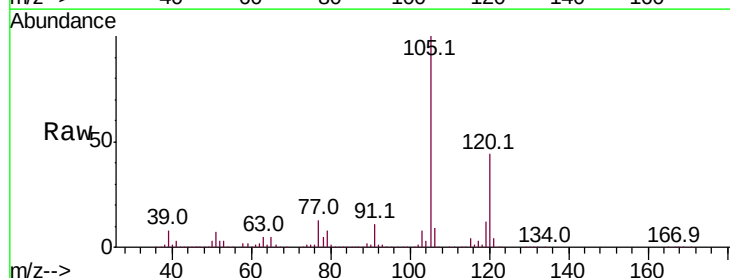
Manual Integrations
APPROVED

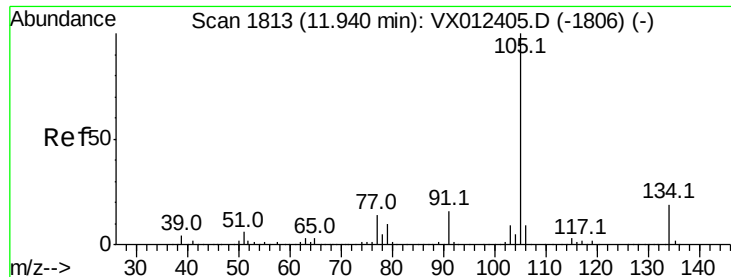
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.951 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	349340		
120	43.8	22.1	66.5	





#85

sec-Butylbenzene

Concen: 53.136 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 397626

Ion Ratio Lower Upper

105 100

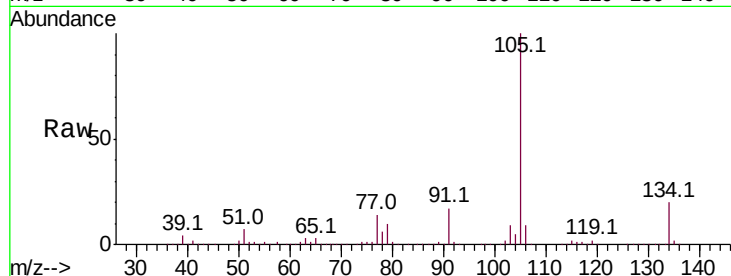
134 19.7 10.1 30.1

Manual Integrations

APPROVED

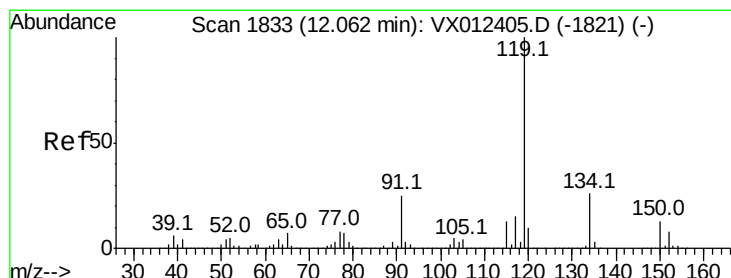
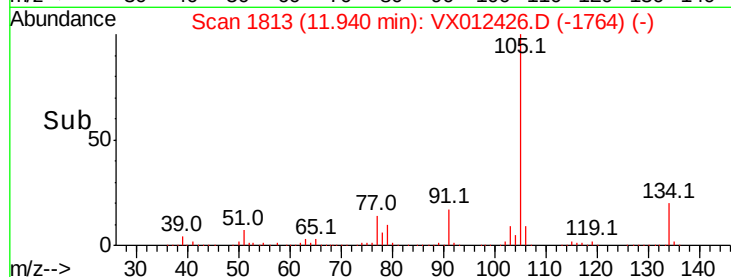
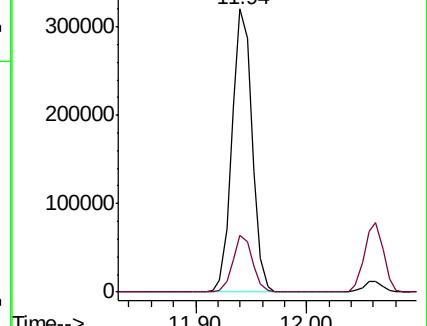
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.584 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

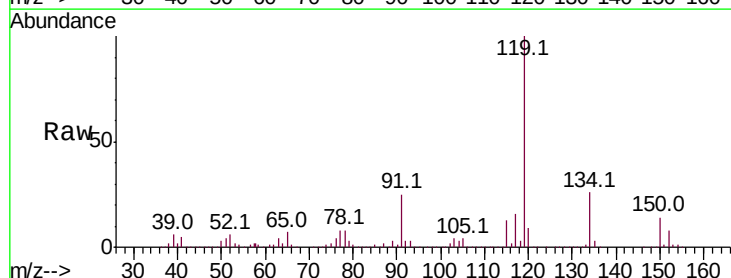
Tgt Ion:119 Resp: 367365

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

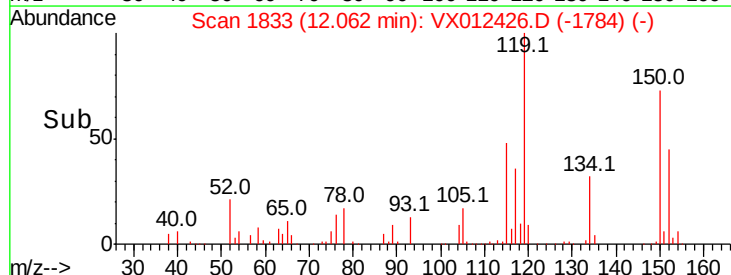
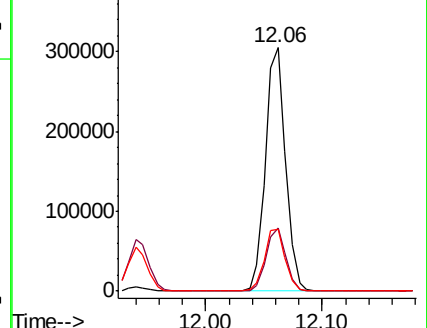
91 25.9 12.9 38.6

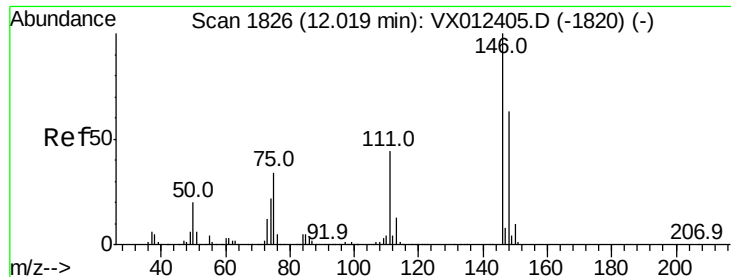


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





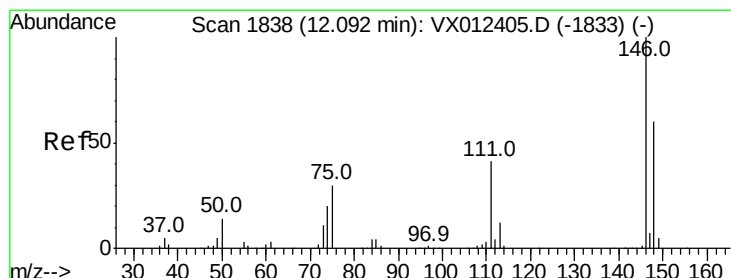
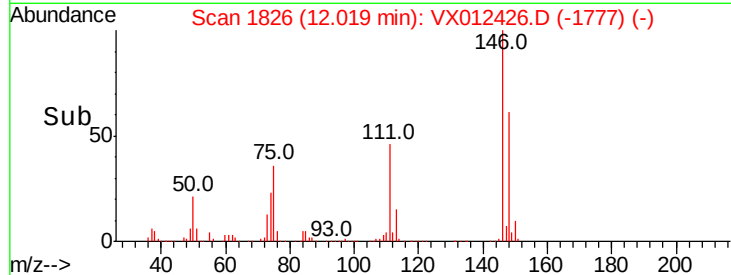
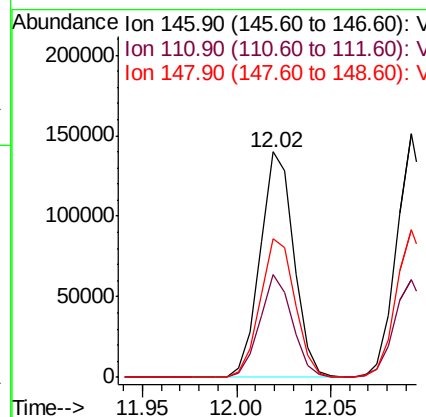
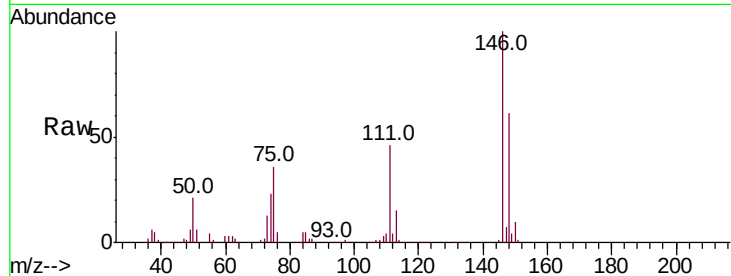
#87
 1,3-Dichlorobenzene
 Concen: 49.109 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	64.0
148	63.4	31.6	94.8

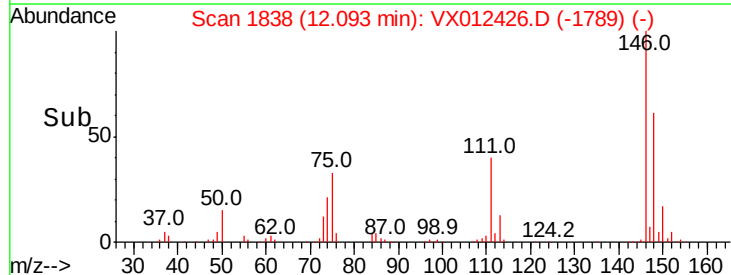
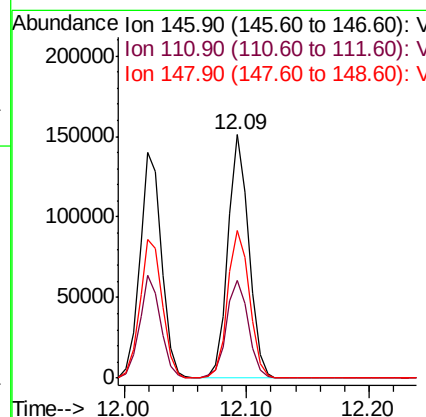
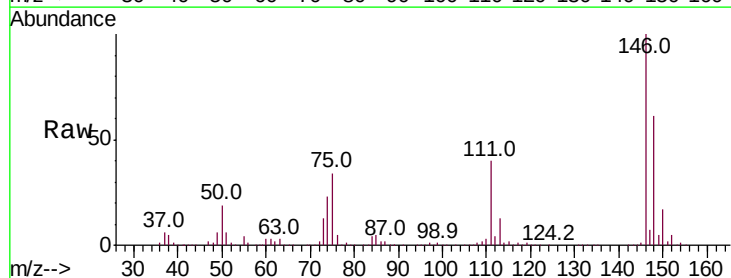
Manual Integrations
 APPROVED

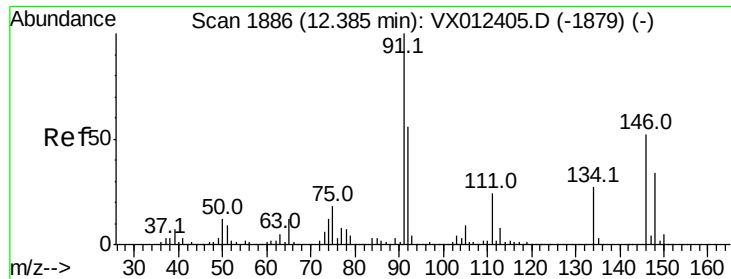
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#88
 1,4-Dichlorobenzene
 Concen: 49.944 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.9
148	63.8	31.6	94.8





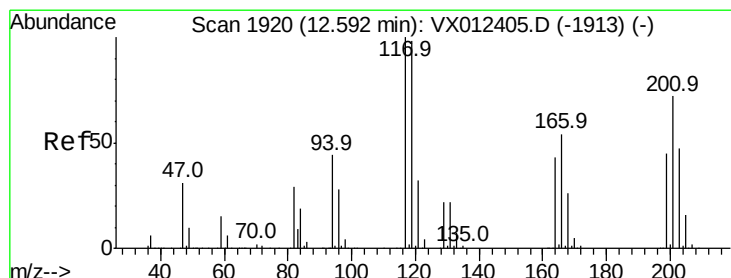
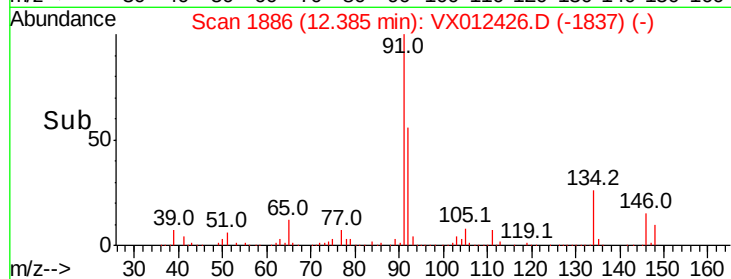
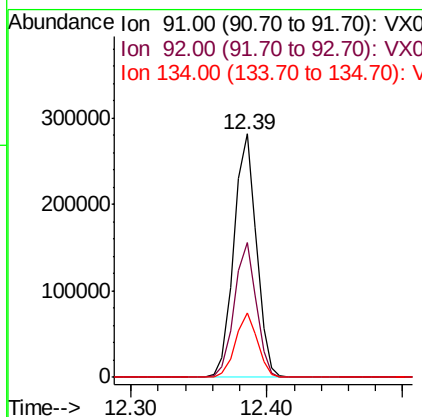
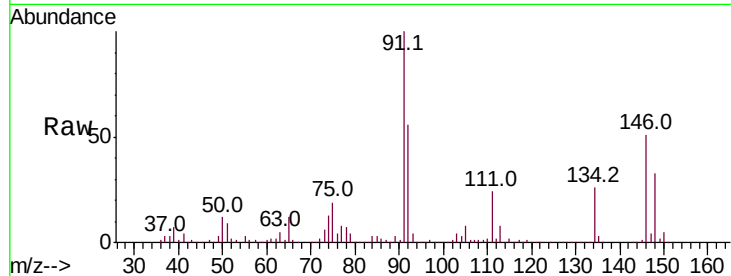
#89
n-Butylbenzene
Concen: 53.655 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	324851		
92	54.4	27.5	82.4	
134	25.7	13.2	39.6	

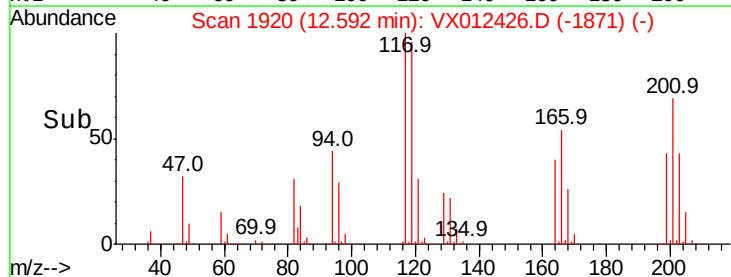
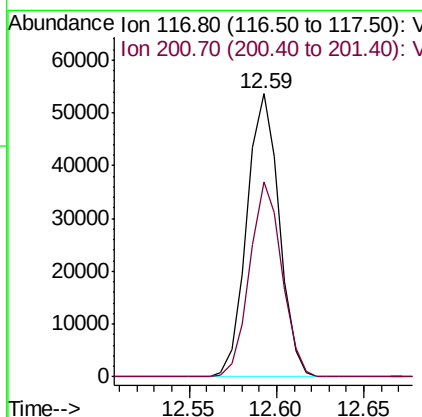
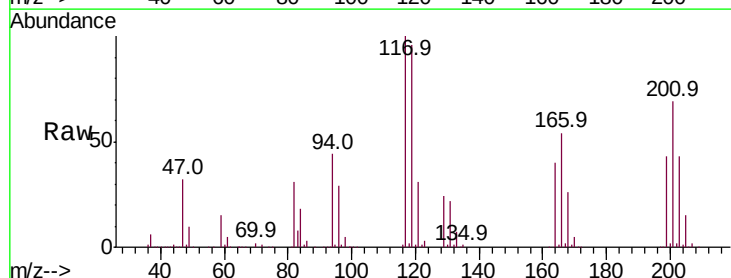
Manual Integrations
APPROVED

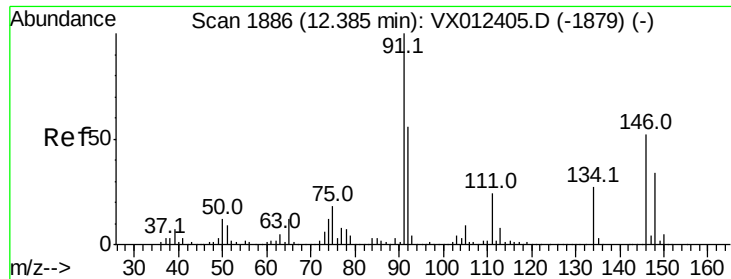
MMDadoda
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#90
Hexachloroethane
Concen: 51.986 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68902		
201	68.5	35.2	105.6	





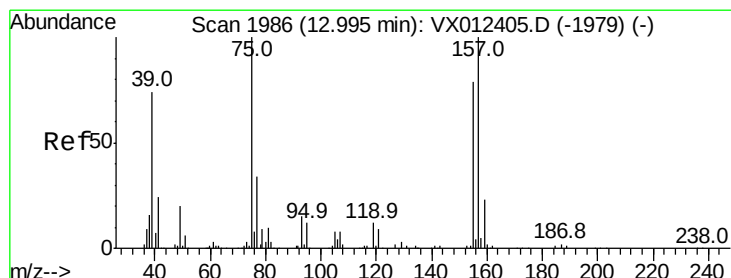
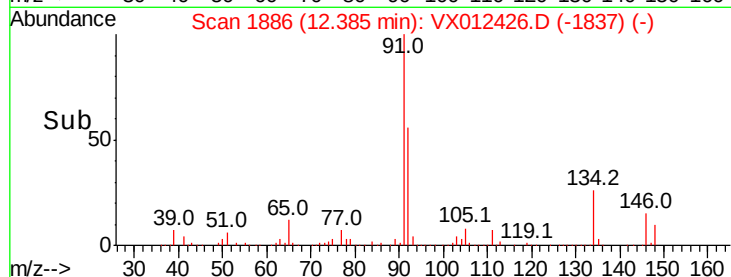
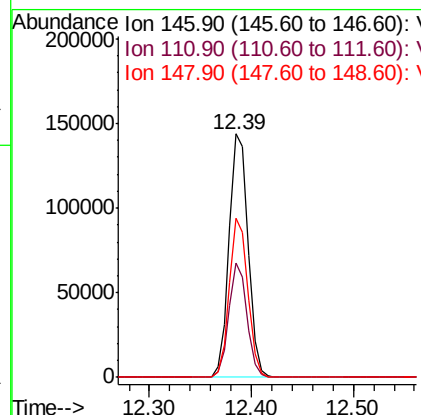
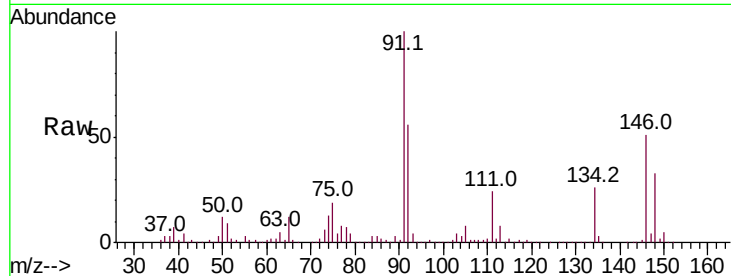
#91
 1,2-Dichlorobenzene
 Concen: 51.323 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	185574		
111	44.8	22.3	66.9	
148	63.5	32.0	96.0	

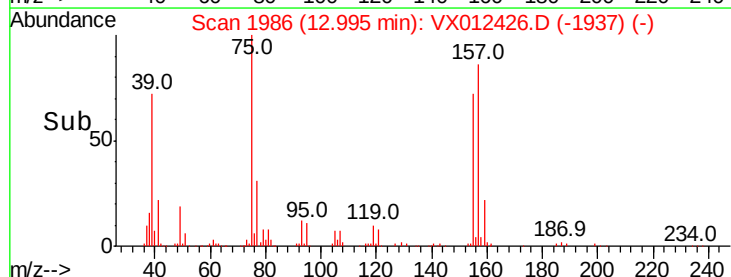
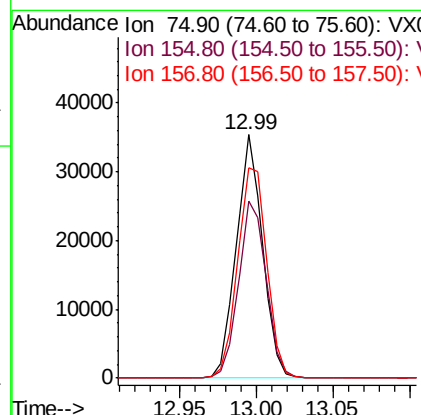
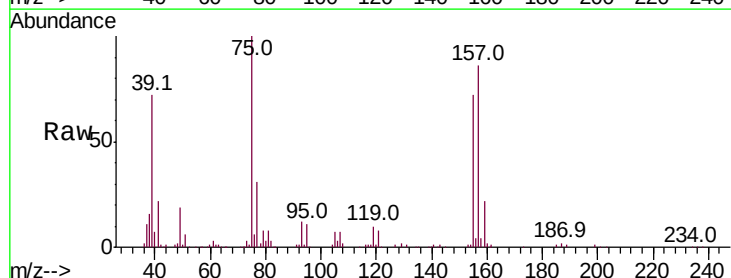
Manual Integrations
 APPROVED

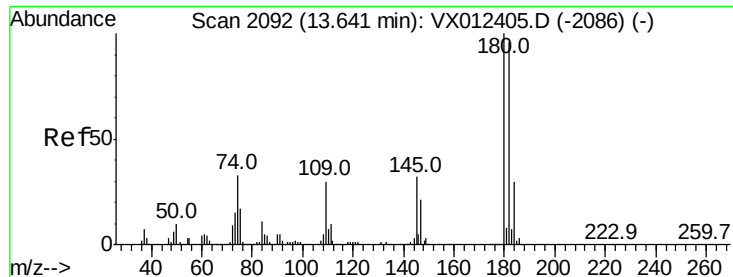
MMDadoda
 9/18/2019 12:14:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.144 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42028		
155	76.4	39.8	119.4	
157	95.8	50.0	150.1	





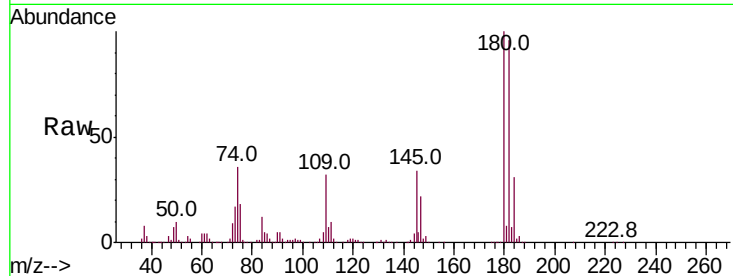
#93
 1,2,4-Trichlorobenzene
 Concen: 50.217 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

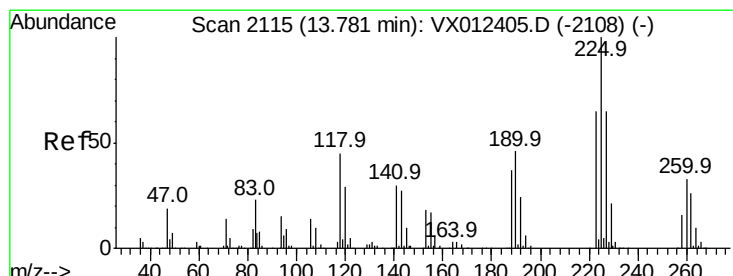
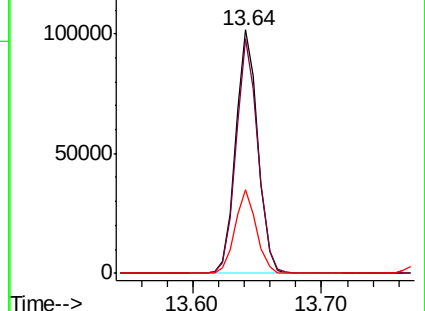
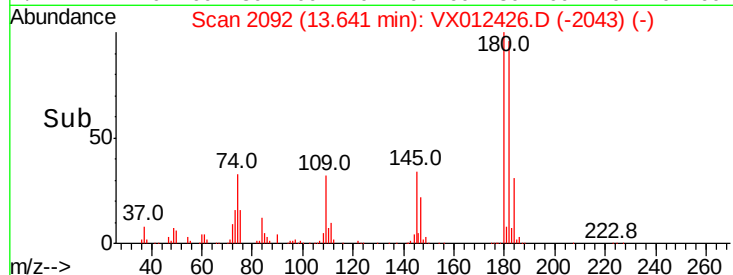
Tot Ion	Ratio	Resp	Lower	Upper
180	100	121495		
182	95.0	48.1	144.4	
145	33.5	16.6	49.7	

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 12:14:40 PM

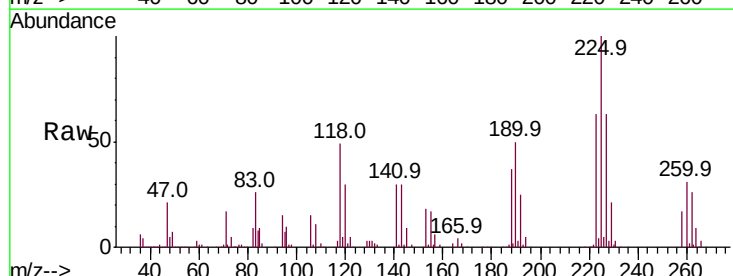


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

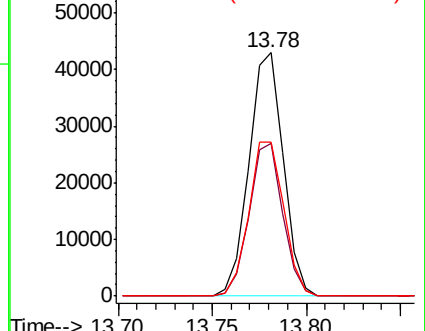
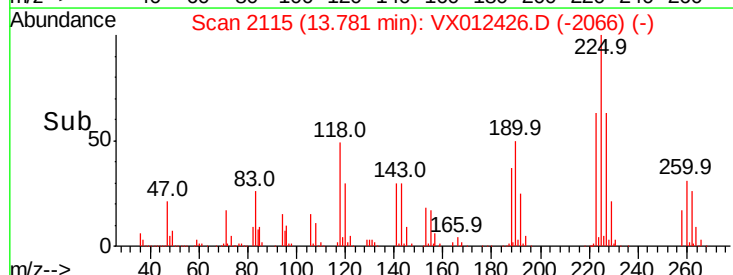


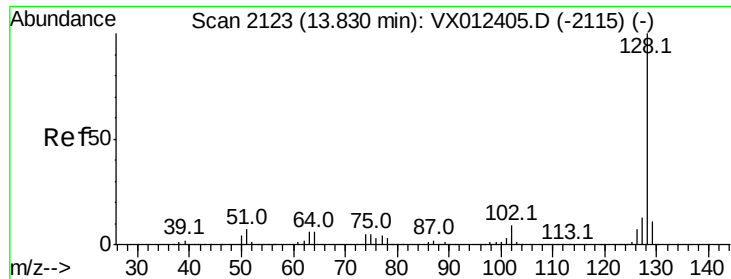
#94
 Hexachlorobutadiene
 Concen: 46.524 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54204		
223	61.4	32.0	96.0	
227	64.8	32.8	98.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





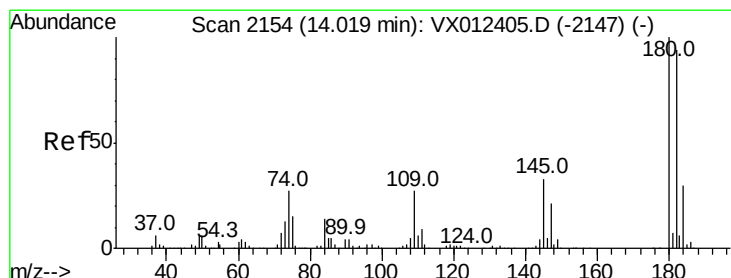
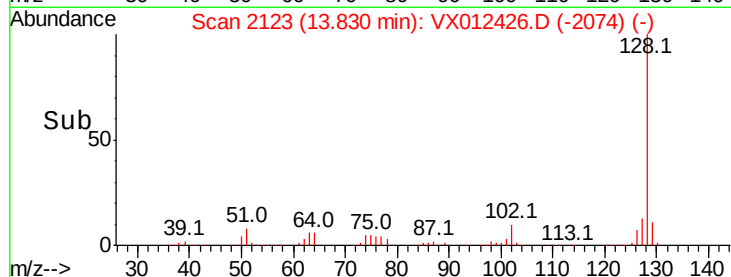
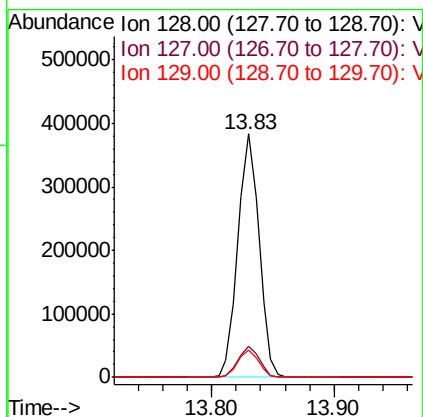
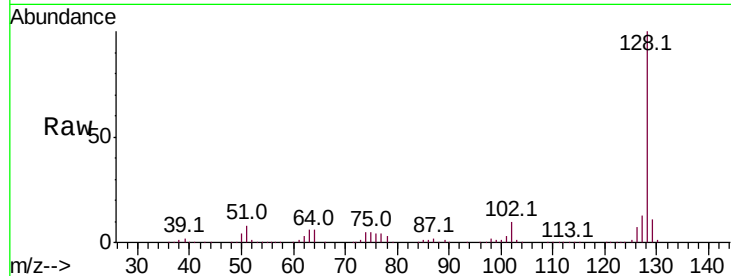
#95
Naphthalene
Concen: 51.403 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.558 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.9	140.8
145	36.6	17.6	52.9

