

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012379.D
 Acq On : 13 Sep 2019 11:43
 Operator : SY/SP
 Sample : VX0913SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 1:13:06 AM

Quant Time: Sep 13 12:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	254040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	86759	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	
35) Dibromofluoromethane	5.48	113	72787	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	8.71	98	286909	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.14	95	113569	42.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23440	18.997	ug/l	99
3) Chloromethane	1.31	50	21056	18.931	ug/l	100
4) Vinyl Chloride	1.40	62	21509	19.504	ug/l	98
5) Bromomethane	1.62	94	9734	18.896	ug/l	99
6) Chloroethane	1.71	64	14679	19.906	ug/l	96
7) Trichlorofluoromethane	1.92	101	38177	19.128	ug/l	100
8) Diethyl Ether	2.17	74	11512	16.903	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27972	20.795	ug/l	99
10) Methyl Iodide	2.50	142	15472	12.085	ug/l	99
11) Tert butyl alcohol	3.03	59	14089m	54.976	ug/l	
12) 1,1-Dichloroethene	2.36	96	23034	20.170	ug/l	99
13) Acrolein	2.28	56	6868	61.575	ug/l	94
14) Allyl chloride	2.72	41	40544	17.414	ug/l	98
15) Acrylonitrile	3.13	53	30921	73.447	ug/l	99
16) Acetone	2.43	43	35889	71.051	ug/l	98
17) Carbon Disulfide	2.56	76	41800	17.430	ug/l	98
18) Methyl Acetate	2.76	43	16005	15.075	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	72796	16.141	ug/l	100
20) Methylene Chloride	2.84	84	28242	16.137	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	25690	18.855	ug/l	95
22) Diisopropyl ether	3.84	45	90615	17.018	ug/l	98
23) Vinyl Acetate	3.80	43	253606	77.628	ug/l	100
24) 1,1-Dichloroethane	3.68	63	52807	18.515	ug/l	99
25) 2-Butanone	4.66	43	46561	72.108	ug/l	100
26) 2,2-Dichloropropane	4.57	77	49724	18.569	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	31130	17.697	ug/l	98
28) Bromochloromethane	5.00	49	20200	15.101	ug/l	99
29) Tetrahydrofuran	5.12	42	25169	72.244	ug/l	99
30) Chloroform	5.19	83	57866	17.992	ug/l	97
31) Cyclohexane	5.57	56	37918	19.138	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	50572	18.312	ug/l	98
36) 1,1-Dichloropropene	5.79	75	37552	20.272	ug/l	98
37) Ethyl Acetate	4.82	43	18345	16.021	ug/l #	92
38) Carbon Tetrachloride	5.77	117	41389	19.044	ug/l	92

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	41423	20.377	ug/l	98
40) Benzene	6.13	78	107861	19.239	ug/l	96
41) Methacrylonitrile	5.03	41	11034	15.631	ug/l	96
42) 1,2-Dichloroethane	6.18	62	38398	17.329	ug/l	99
43) Isopropyl Acetate	6.43	43	37710	15.620	ug/l	99
44) Trichloroethene	7.20	130	30185	19.895	ug/l	99
45) 1,2-Dichloropropane	7.51	63	28844	18.587	ug/l	98
46) Dibromomethane	7.65	93	14584	17.195	ug/l	96
47) Bromodichloromethane	7.89	83	40481	17.490	ug/l	97
48) Methyl methacrylate	7.76	41	17065	14.768	ug/l	96
49) 1,4-Dioxane	7.73	88	4836	310.142	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	96761	75.942	ug/l	99
52) Toluene	8.78	92	72268	19.516	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	37309	16.150	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	43553	17.002	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22911	17.436	ug/l	97
56) Ethyl methacrylate	9.17	69	27927	15.697	ug/l	100
57) 1,3-Dichloropropane	9.37	76	39344	17.532	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	64881	71.154	ug/l	100
59) 2-Hexanone	9.49	43	68588	77.420	ug/l	98
60) Dibromochloromethane	9.58	129	25656	16.725	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20697	16.922	ug/l	98
64) Tetrachloroethene	9.33	164	25389	21.275	ug/l	95
65) Chlorobenzene	10.14	112	82539	20.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	29965	19.280	ug/l	98
67) Ethyl Benzene	10.24	91	147721	20.145	ug/l	97
68) m/p-Xylenes	10.35	106	110047	40.768	ug/l	100
69) o-Xylene	10.70	106	52643	19.908	ug/l	99
70) Styrene	10.71	104	90534	19.305	ug/l	99
71) Bromoform	10.85	173	13097	16.251	ug/l #	97
73) Isopropylbenzene	11.01	105	150604	20.276	ug/l	99
74) N-amyl acetate	10.89	43	34729	15.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	26485	16.603	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	24552m	16.939	ug/l	
77) Bromobenzene	11.25	156	33275	19.458	ug/l	95
78) n-propylbenzene	11.35	91	176680	19.697	ug/l	99
79) 2-Chlorotoluene	11.42	91	106443	19.154	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	131274	19.653	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	6404	13.238	ug/l	86
82) 4-Chlorotoluene	11.51	91	127790	19.134	ug/l	100
83) tert-Butylbenzene	11.77	119	127881	19.716	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	133283	19.302	ug/l	99
85) sec-Butylbenzene	11.94	105	153974	19.896	ug/l	99
86) p-Isopropyltoluene	12.06	119	143255	20.034	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67573	19.397	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	67089	19.045	ug/l	99
89) n-Butylbenzene	12.38	91	136397	19.461	ug/l	100
90) Hexachloroethane	12.59	117	23387	17.756	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	61459	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	4817	14.794	ug/l	97

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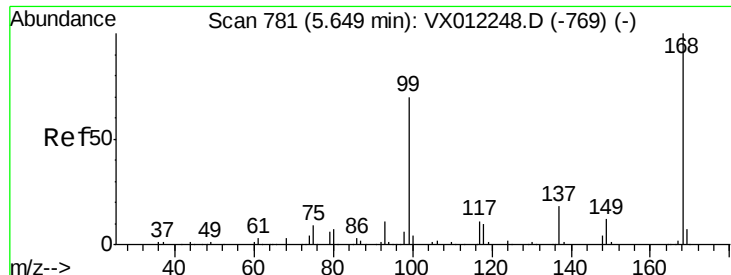
Manual Integrations
APPROVED

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9/16/2019 1:13:06 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39994	17.971	µg/l	97
94) Hexachlorobutadiene	13.77	225	22527	20.348	µg/l	98
95) Naphthalene	13.83	128	73097	15.306	µg/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	36045	18.306	µg/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion:168 Resp: 150920

Ion Ratio Lower Upper

168 100

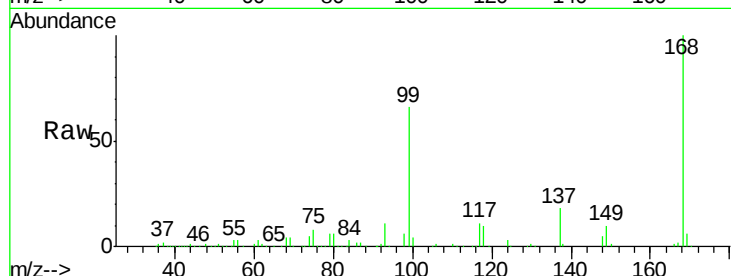
99 65.9 55.8 83.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

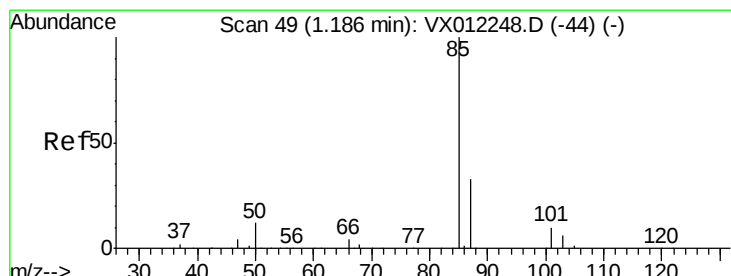
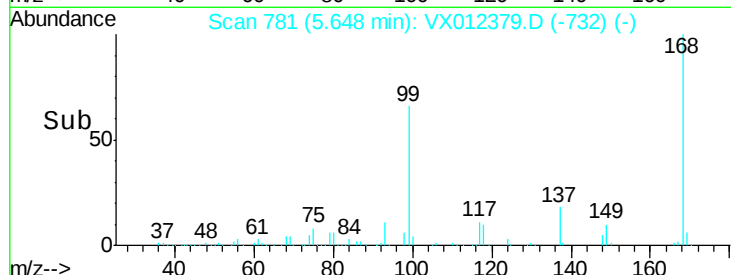
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.997 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012379.D

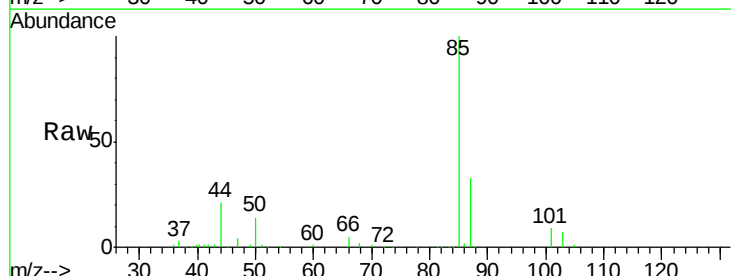
Acq: 13 Sep 2019 11:43

Tgt Ion: 85 Resp: 23440

Ion Ratio Lower Upper

85 100

87 32.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

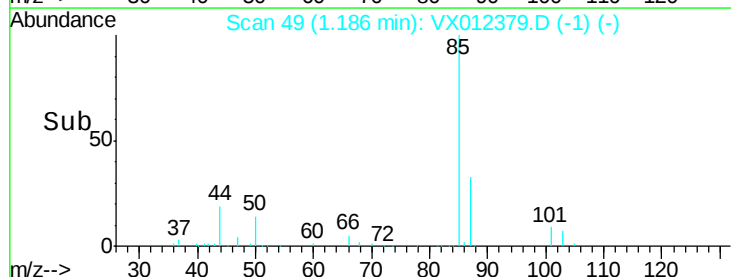
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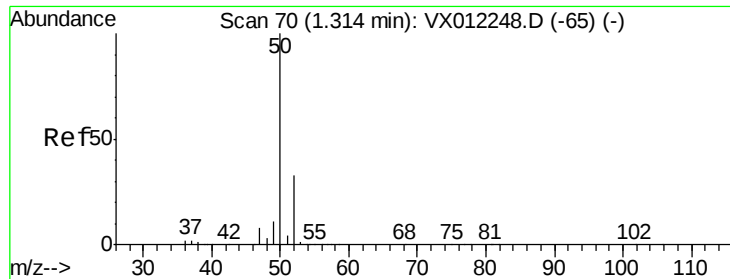
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.931 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 50 Resp: 21056

Ion Ratio Lower Upper

50 100

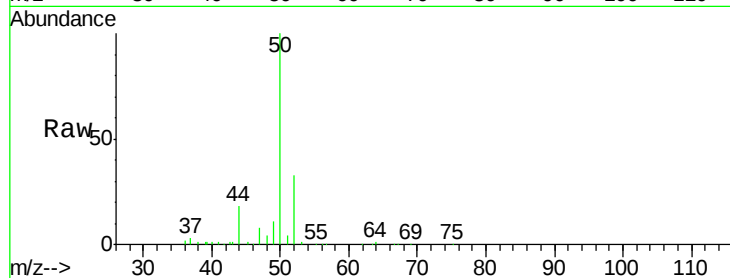
52 33.6 26.7 40.1

Manual Integrations

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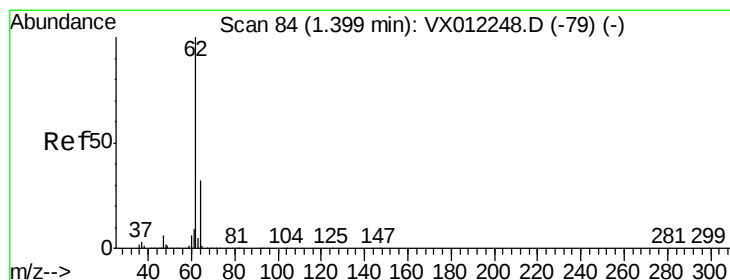
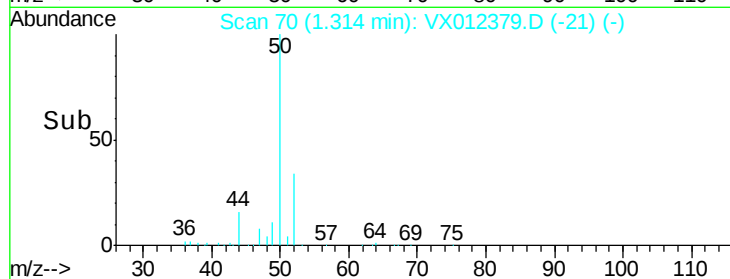
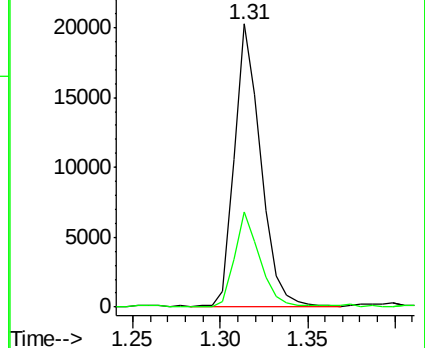
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.504 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012379.D

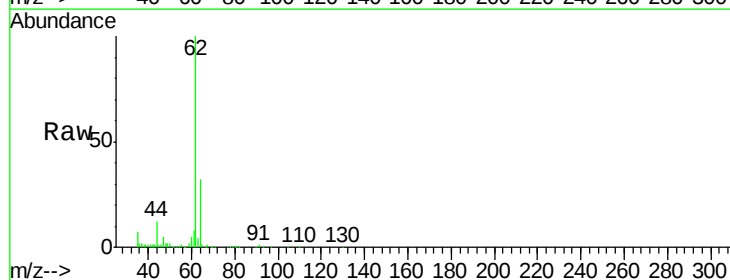
Acq: 13 Sep 2019 11:43

Tgt Ion: 62 Resp: 21509

Ion Ratio Lower Upper

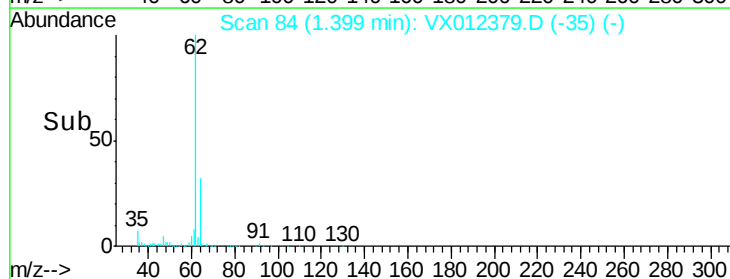
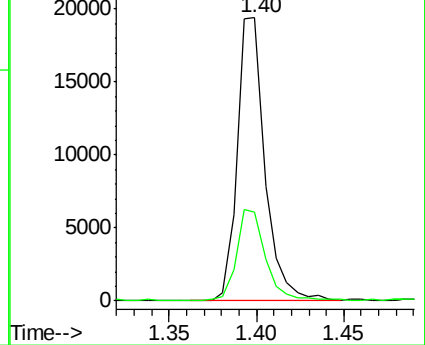
62 100

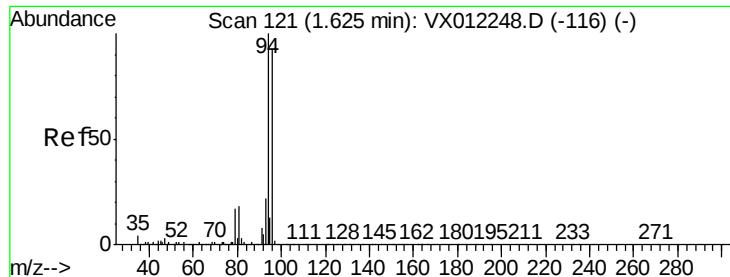
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.896 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 94 Resp: 9734

Ion Ratio Lower Upper

94 100

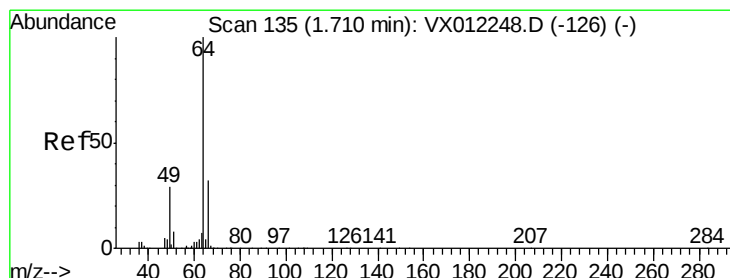
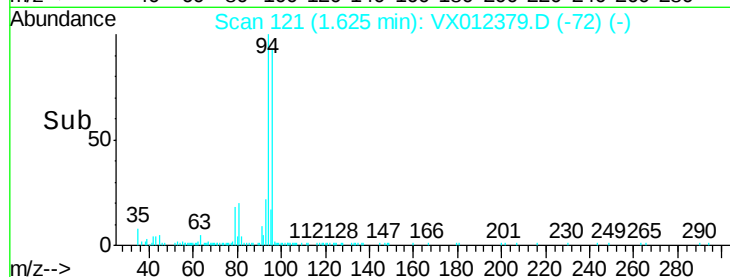
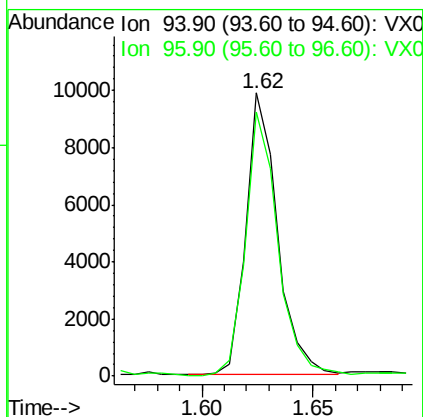
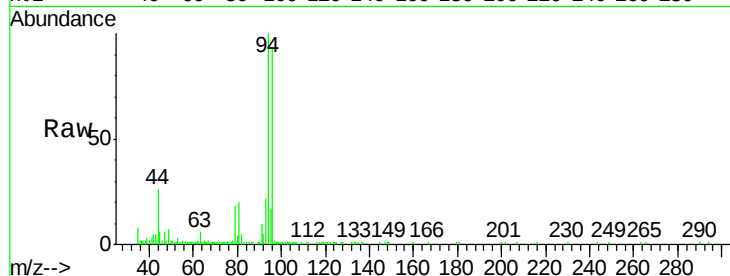
96 93.8 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 19.906 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012379.D

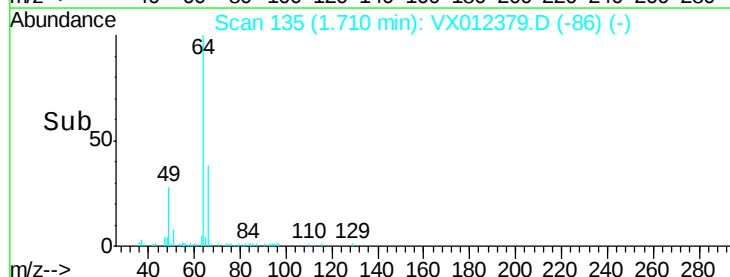
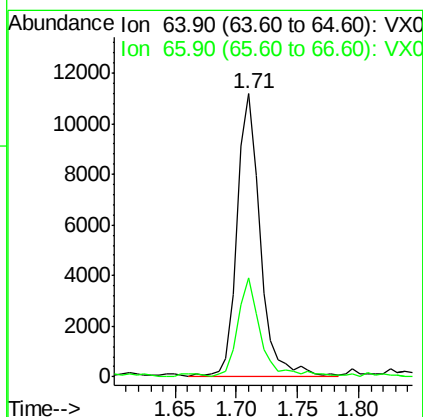
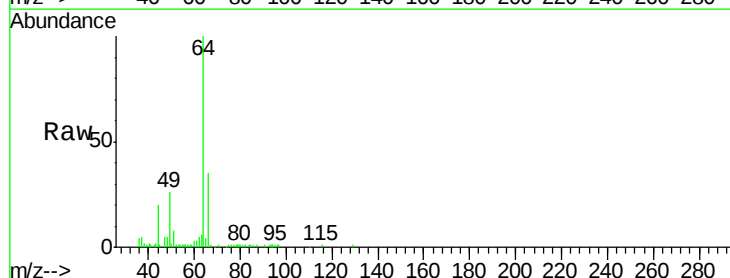
Acq: 13 Sep 2019 11:43

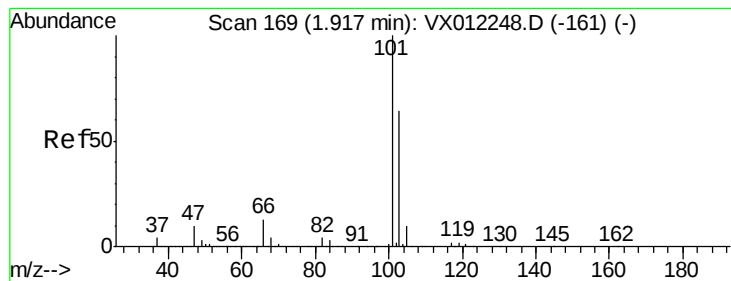
Tgt Ion: 64 Resp: 14679

Ion Ratio Lower Upper

64 100

66 34.3 25.8 38.6





#7

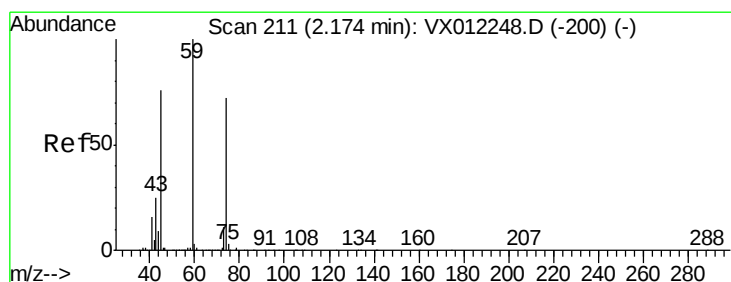
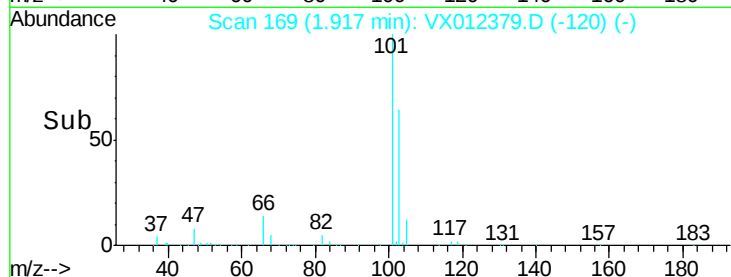
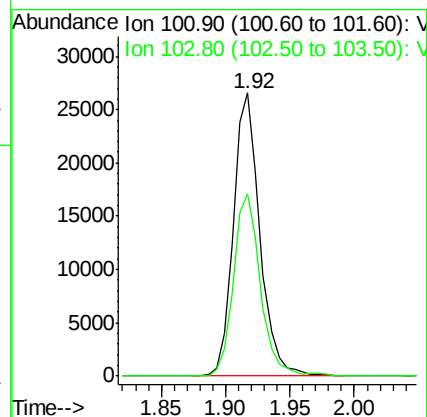
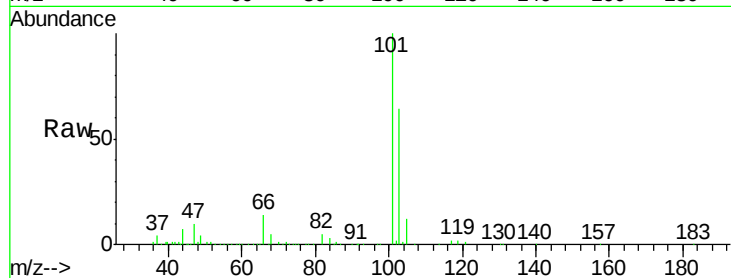
Trichlorofluoromethane
 Concen: 19.128 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
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 ClientSampleId :
 VX0913SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

Manual Integrations
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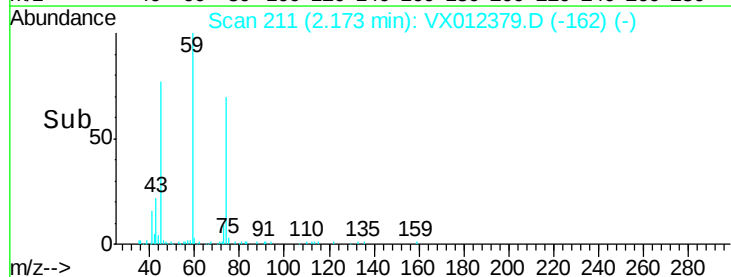
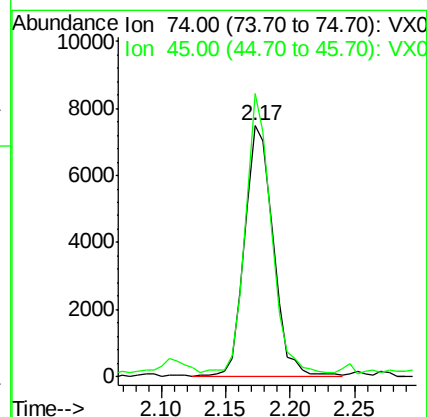
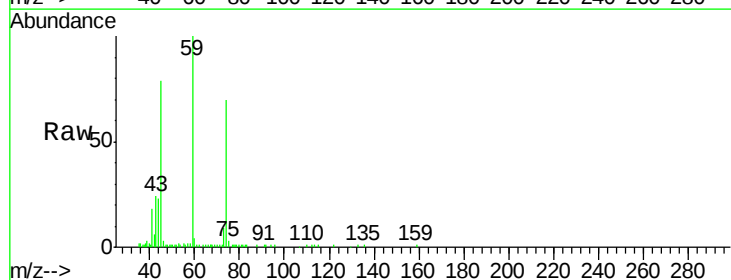
MMDadoda
 9/16/2019 1:13:06 AM

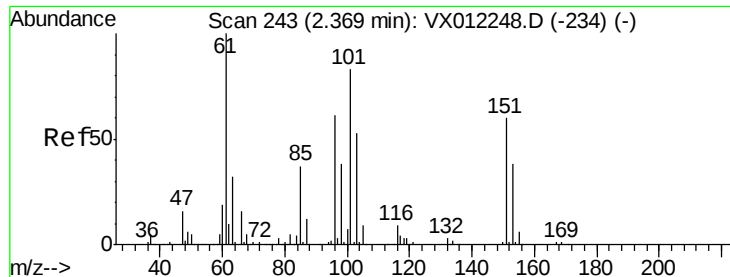


#8

Diethyl Ether
 Concen: 16.903 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.795 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

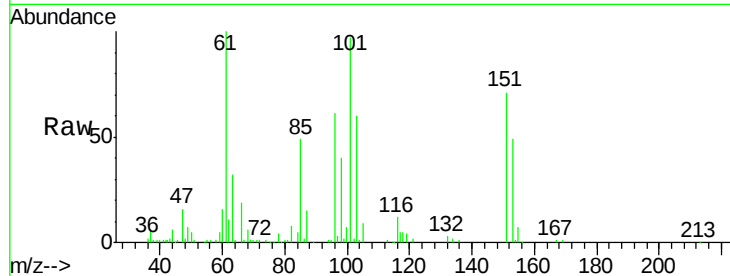
ClientSampleId :

VX0913SBS02

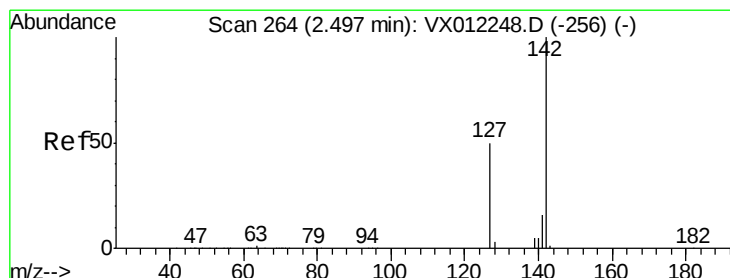
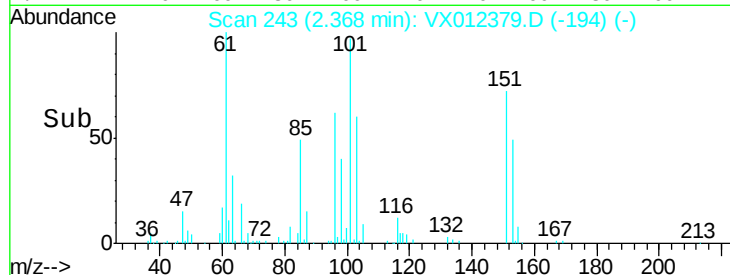
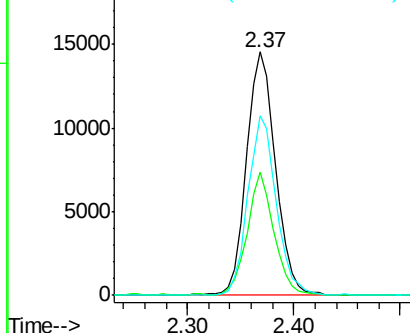
Tot Ion:	101	Resp:	27972
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.0	55.6
151	72.0	58.6	87.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.085 ug/l

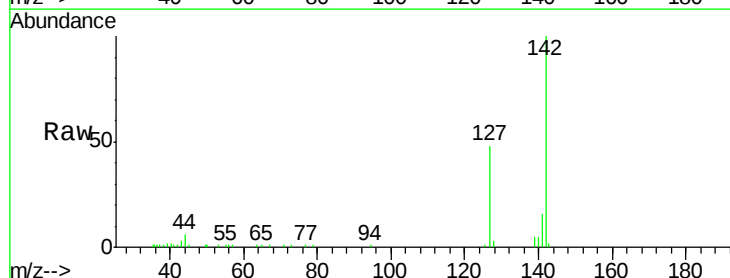
RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

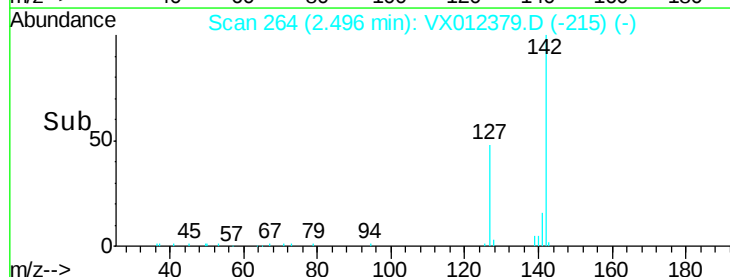
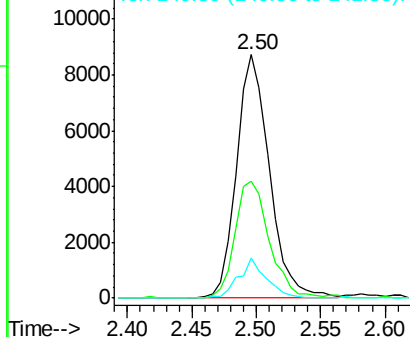
Lab File: VX012379.D

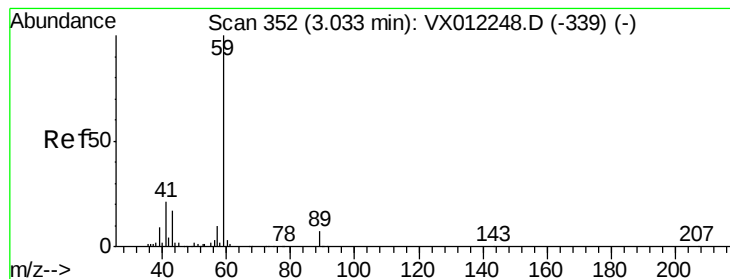
Acq: 13 Sep 2019 11:43

Tgt Ion:	142	Resp:	15472
Ion Ratio	Lower	Upper	
142	100		
127	50.5	40.6	61.0
141	13.9	12.0	18.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 54.976 ug/l m

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 59 Resp: 14089

Ion Ratio Lower Upper

59 100

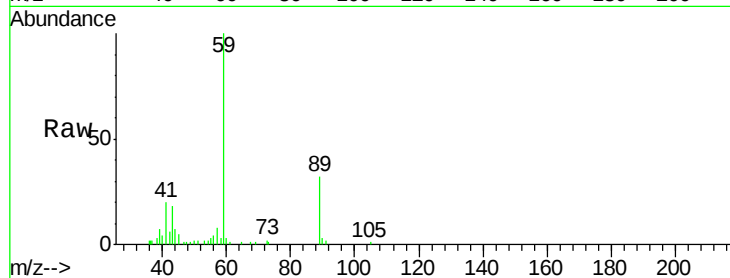
57 12.8 7.8 11.6#

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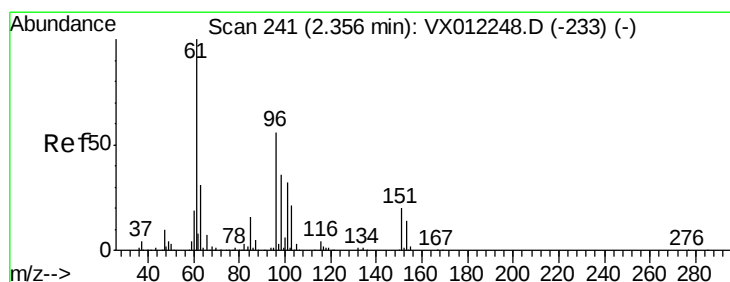
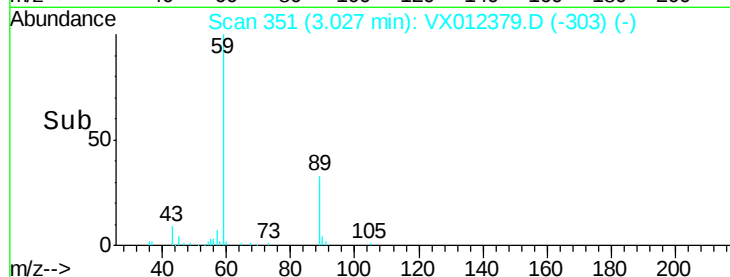
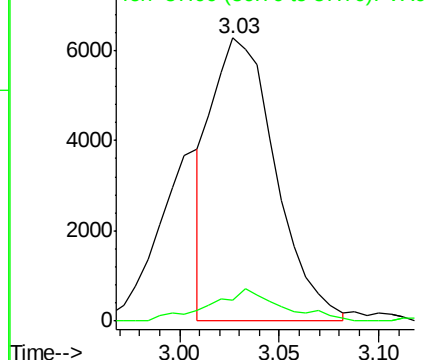
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Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 20.170 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

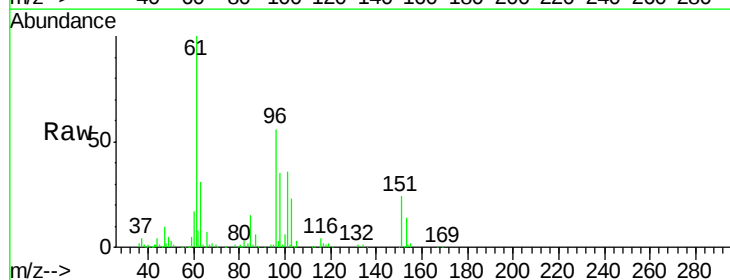
Tgt Ion: 96 Resp: 23034

Ion Ratio Lower Upper

96 100

61 179.4 142.2 213.2

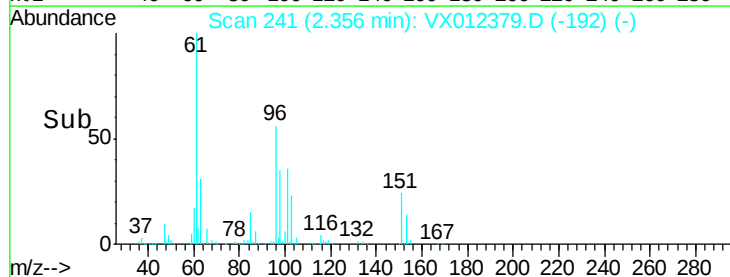
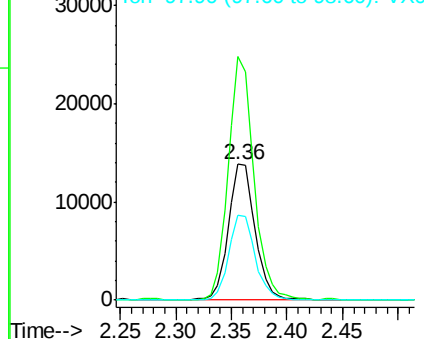
98 63.0 51.3 76.9

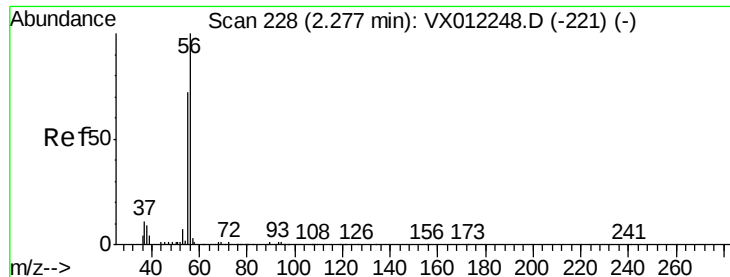


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 61.575 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 56 Resp: 6868

Ion Ratio Lower Upper

56 100

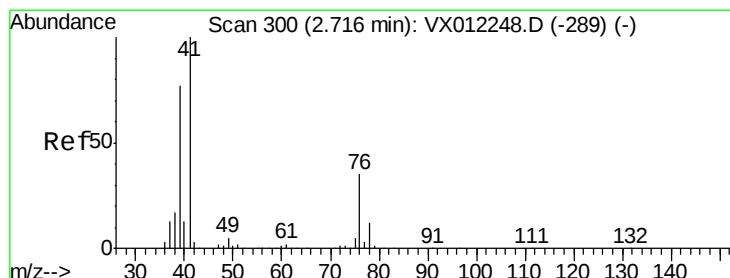
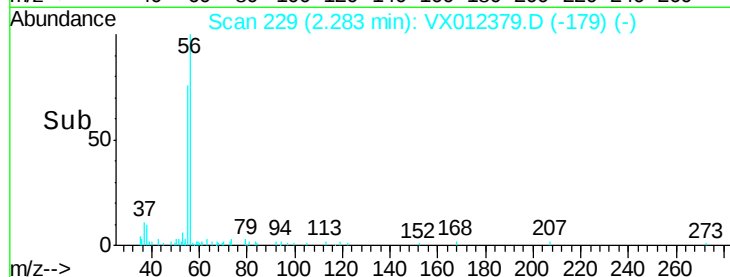
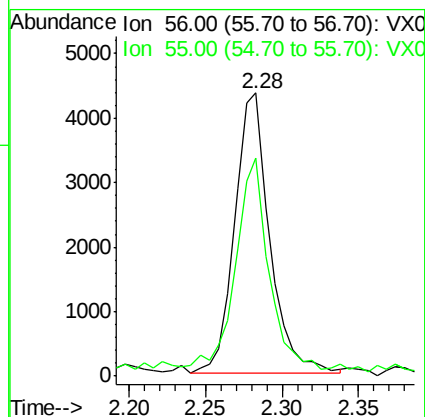
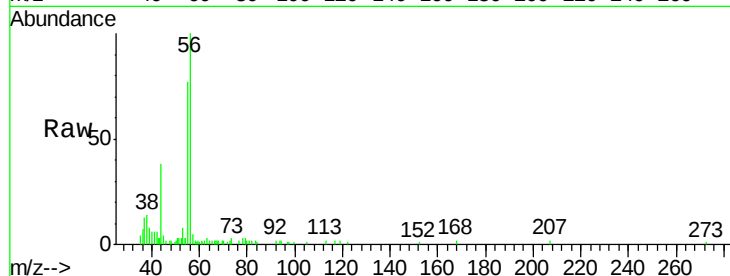
55 69.6 59.8 89.6

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#14

Allyl chloride

Concen: 17.414 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

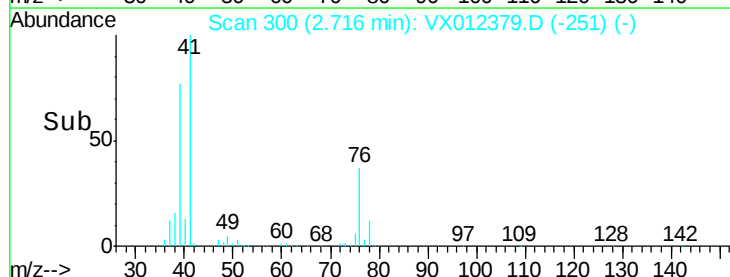
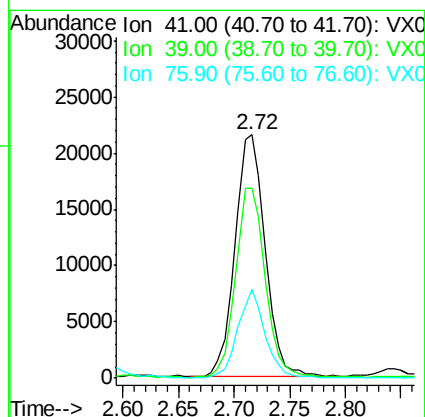
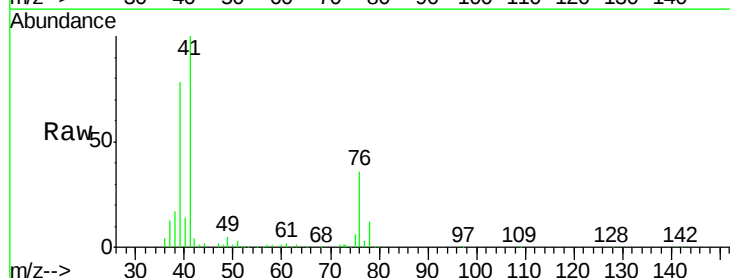
Tgt Ion: 41 Resp: 40544

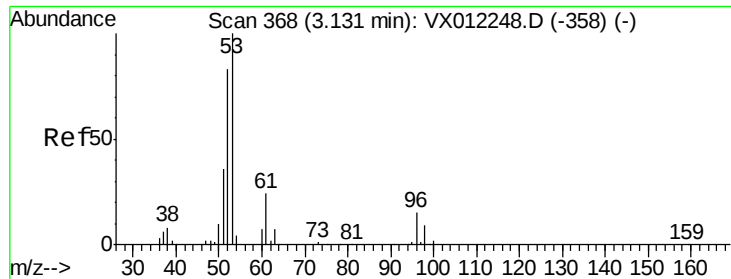
Ion Ratio Lower Upper

41 100

39 76.0 58.6 87.8

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 73.447 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

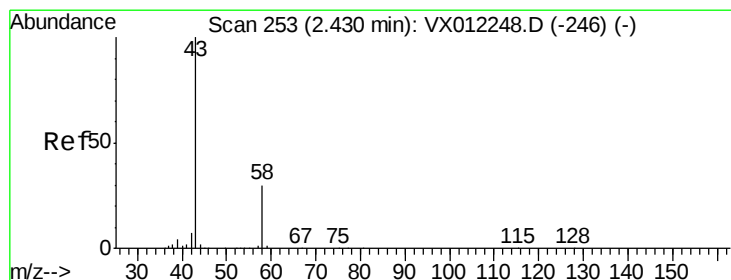
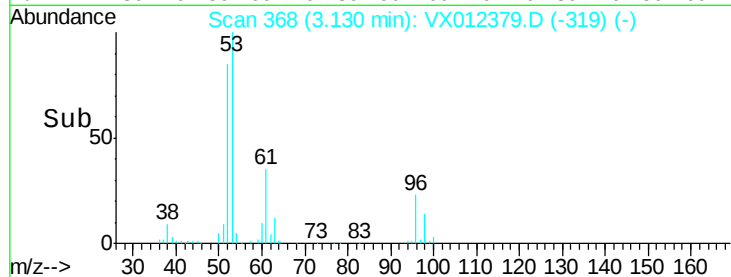
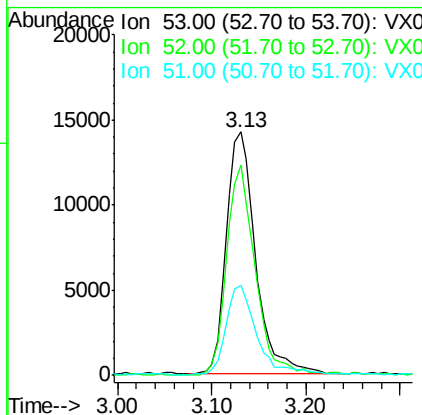
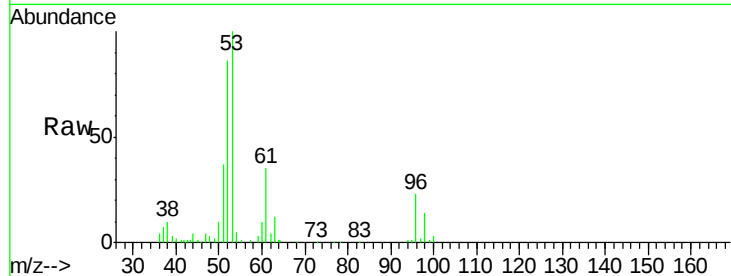
ClientSampleId :

VX0913SBS02

Tot Ion:	53	Resp:	30921
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.8	100.2
51	39.9	30.7	46.1

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#16

Acetone

Concen: 71.051 ug/l

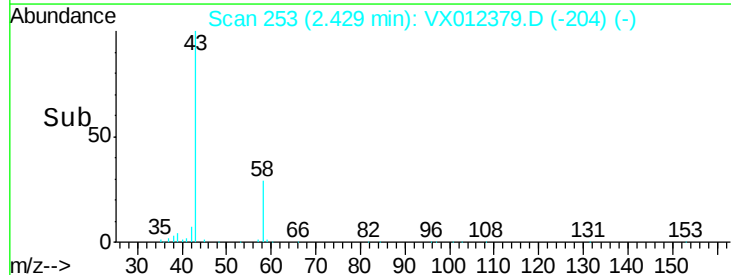
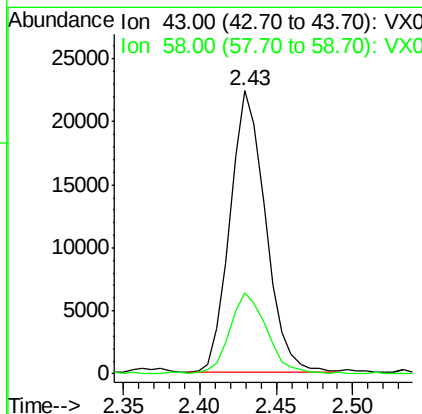
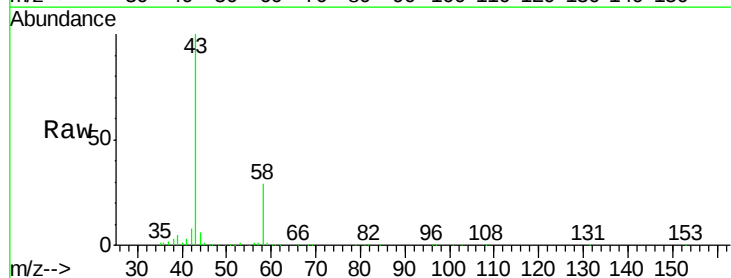
RT: 2.43 min Scan# 253

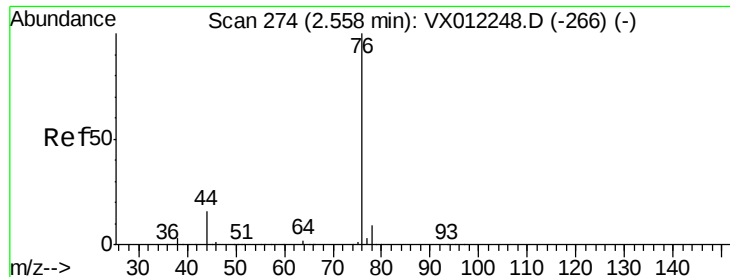
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion:	43	Resp:	35889
Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.6	35.4





#17

Carbon Disulfide

Concen: 17.430 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 76 Resp: 41800

Ion Ratio Lower Upper

76 100

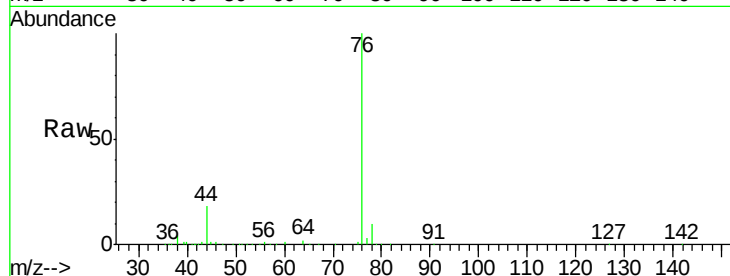
78 9.9 7.4 11.2

Manual Integrations

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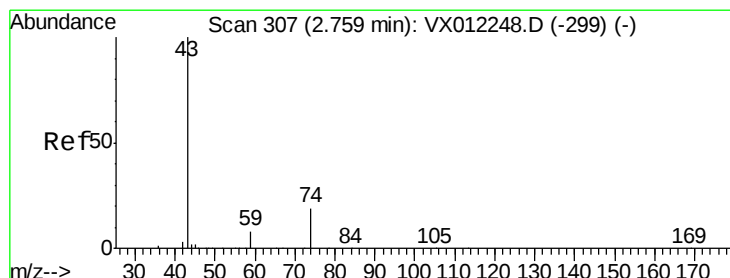
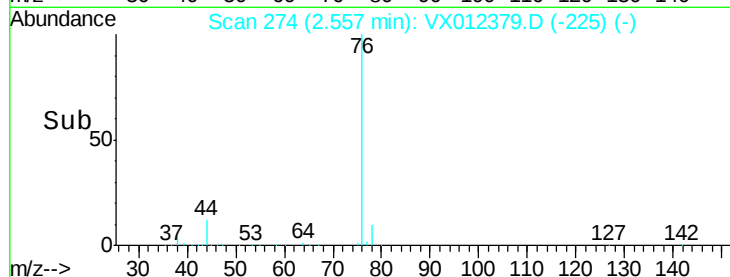
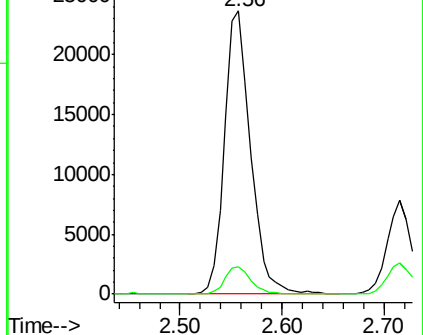
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 15.075 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX012379.D

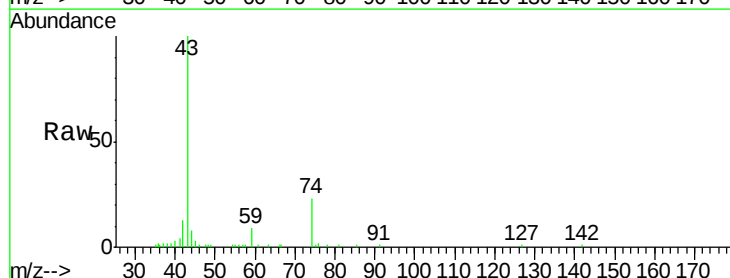
Acq: 13 Sep 2019 11:43

Tgt Ion: 43 Resp: 16005

Ion Ratio Lower Upper

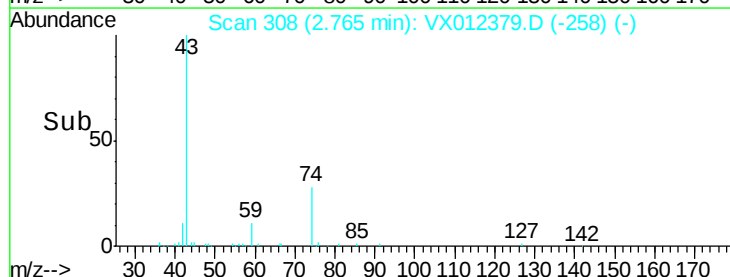
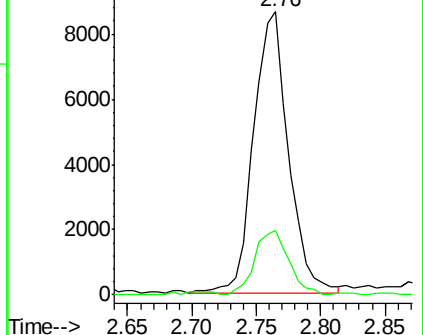
43 100

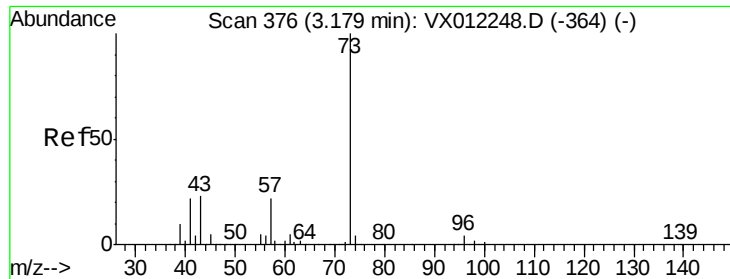
74 22.5 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





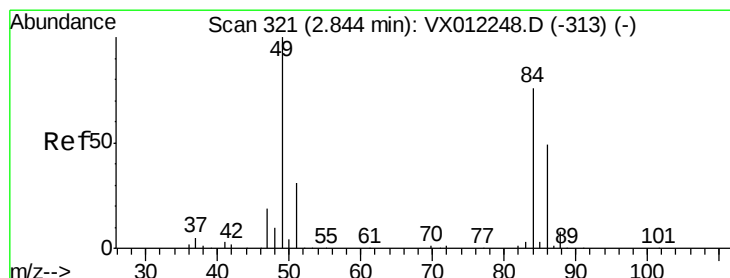
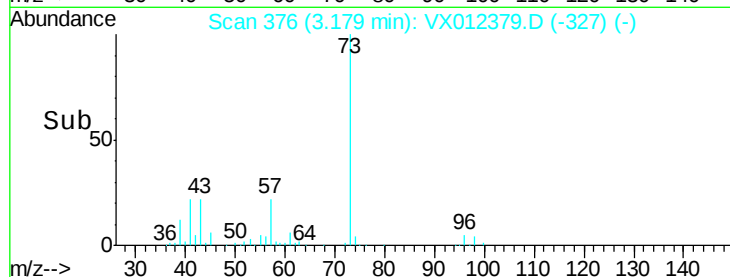
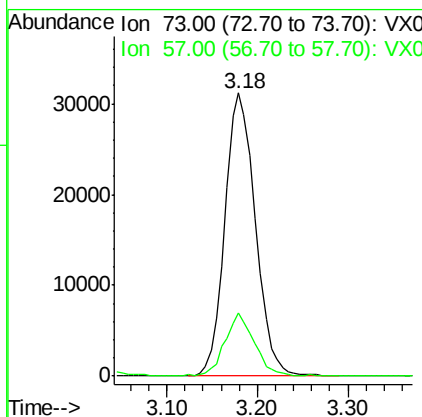
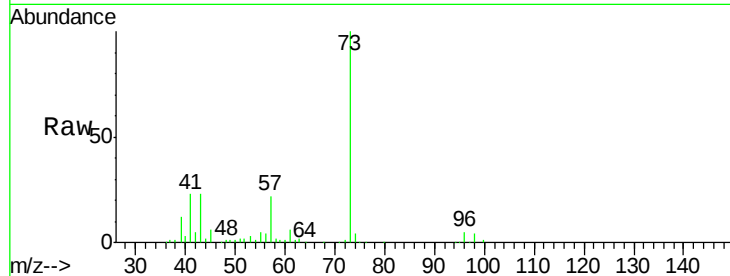
#19
Methyl tert-butyl Ether
Concen: 16.141 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

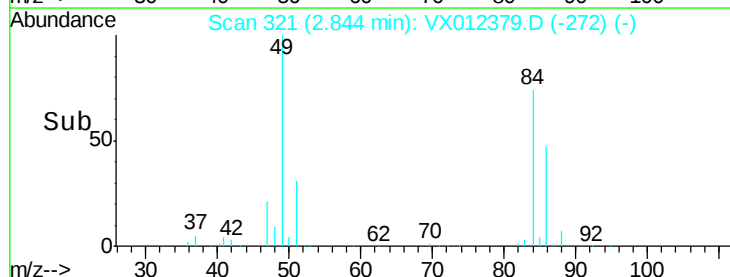
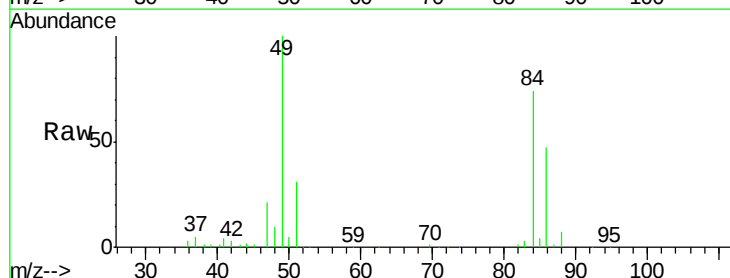
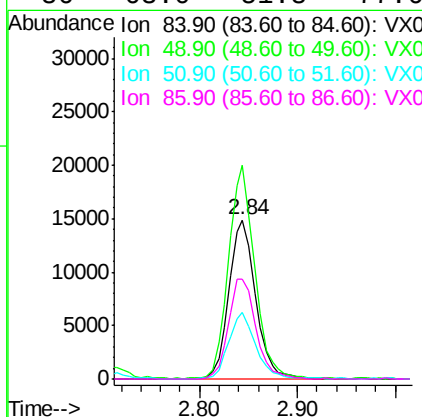
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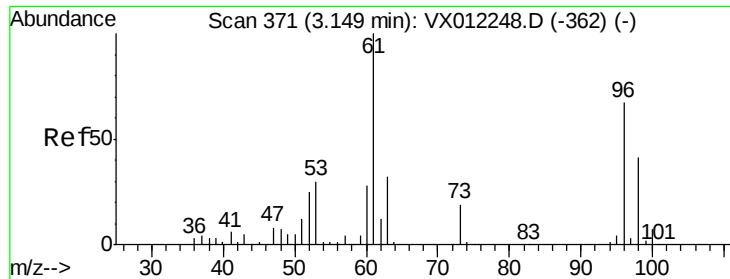
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#20
Methylene Chloride
Concen: 16.137 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.3	105.0	157.6
51	42.1	32.6	48.8
86	63.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.855 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

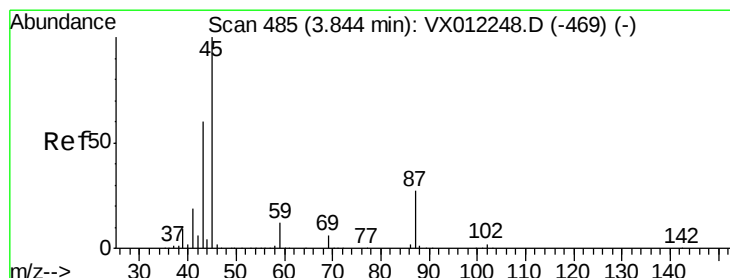
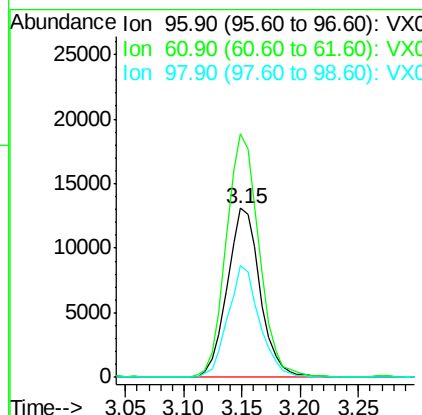
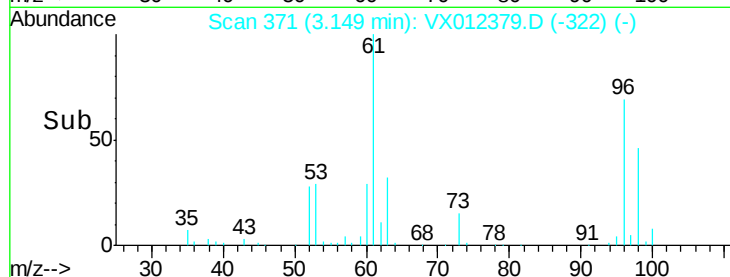
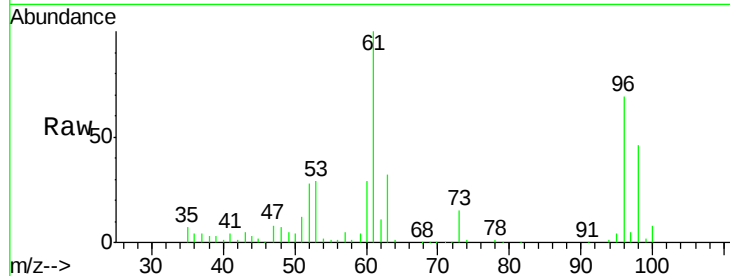
ClientSampleId :

VX0913SBS02

Tot Ion:	96	Resp:	25690
Ion	Ratio	Lower	Upper
96	100		
61	143.8	119.4	179.2
98	65.7	48.4	72.6

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#22

Diisopropyl ether

Concen: 17.018 ug/l

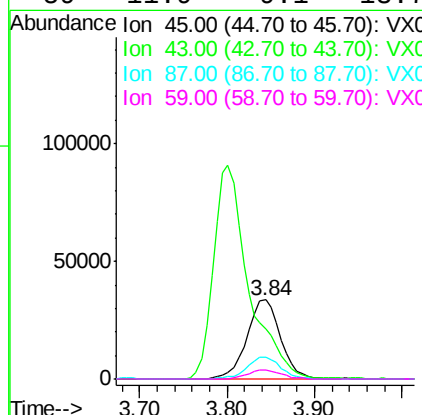
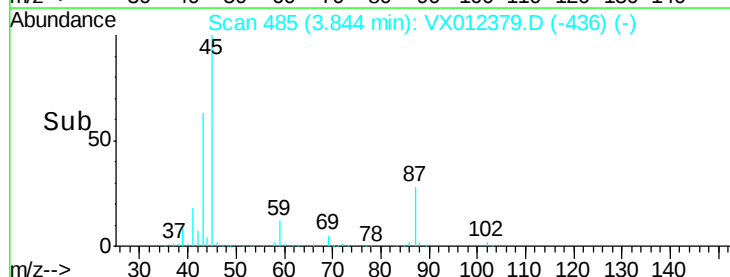
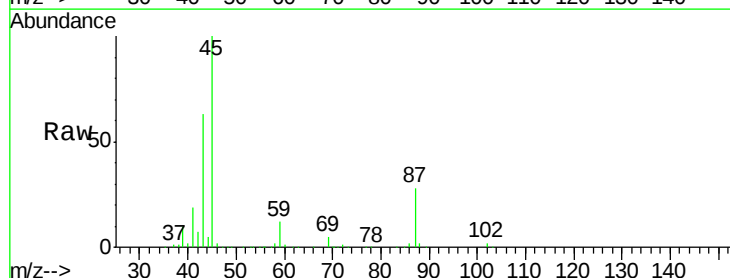
RT: 3.84 min Scan# 485

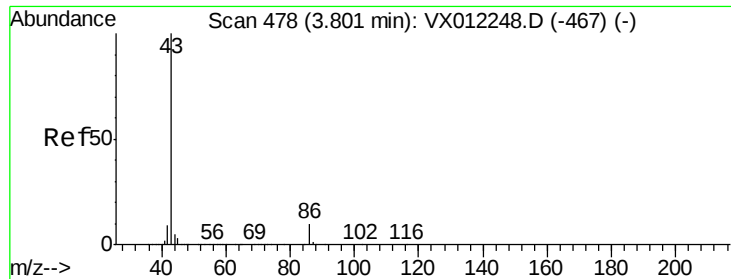
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion:	45	Resp:	90615
Ion	Ratio	Lower	Upper
45	100		
43	62.1	48.3	72.5
87	27.8	21.8	32.8
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 77.628 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 43 Resp: 253606

Ion Ratio Lower Upper

43 100

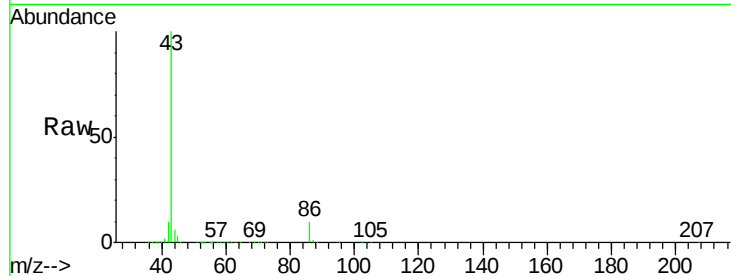
86 10.3 8.3 12.5

Manual Integrations

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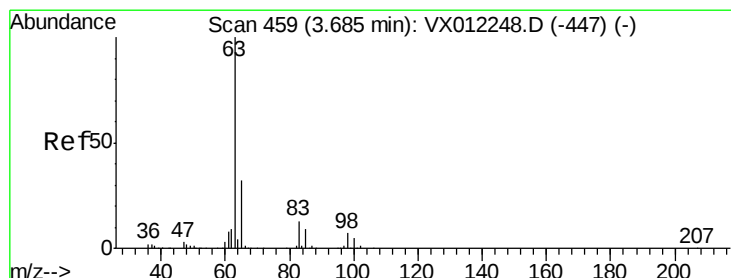
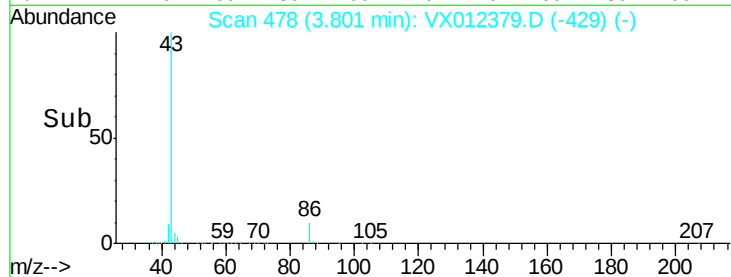
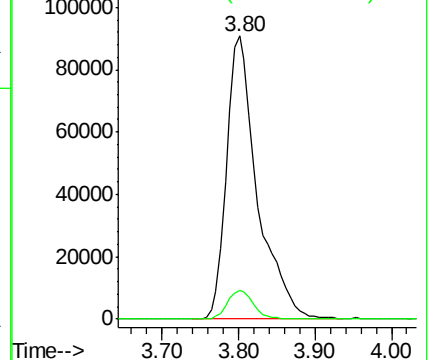
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.515 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

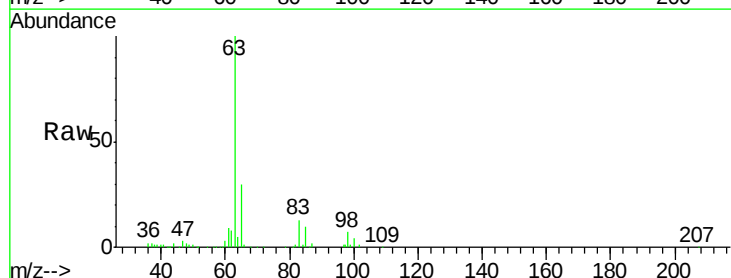
Tgt Ion: 63 Resp: 52807

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

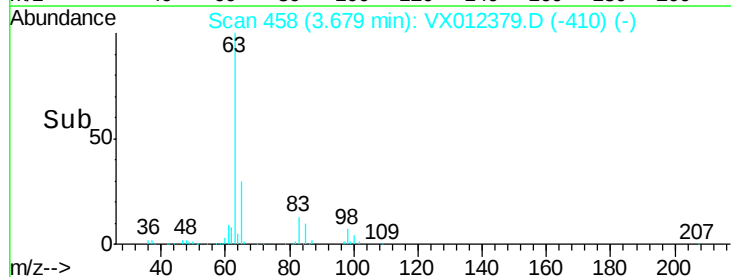
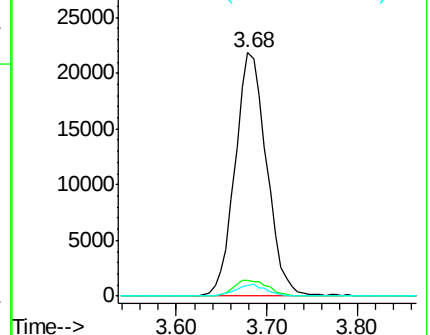
100 4.3 2.4 7.2

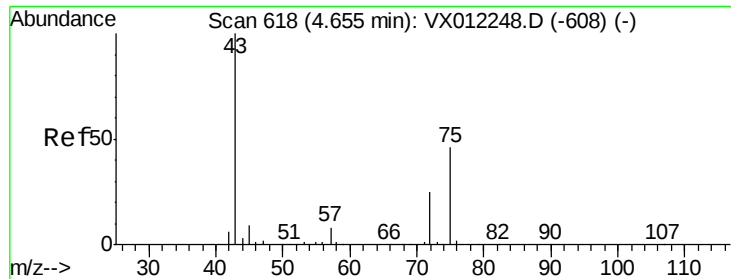


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 72.108 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tot Ion: 43 Resp: 46561

Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.2

Instrument :

MSVOA_X

ClientSampleId :

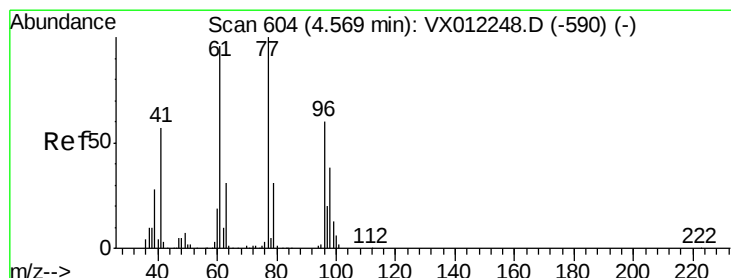
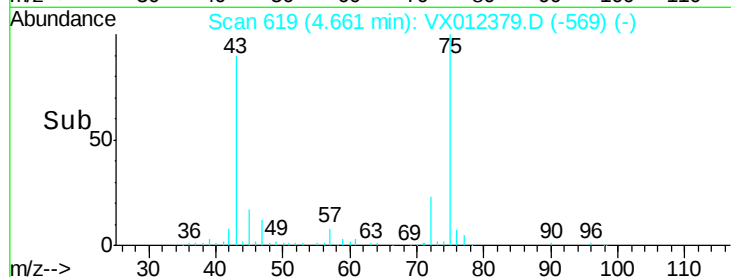
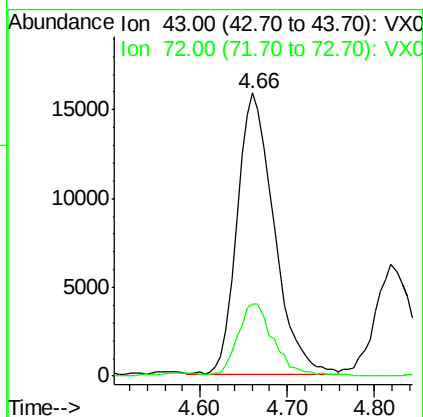
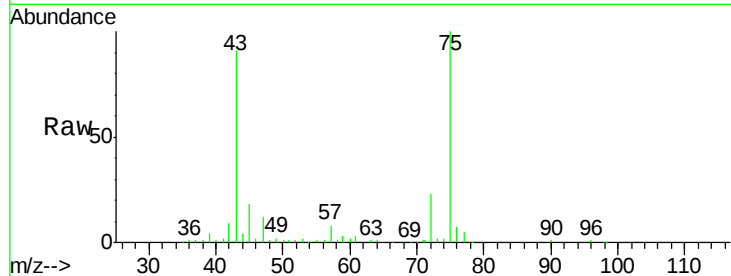
VX0913SBS02

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.569 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012379.D

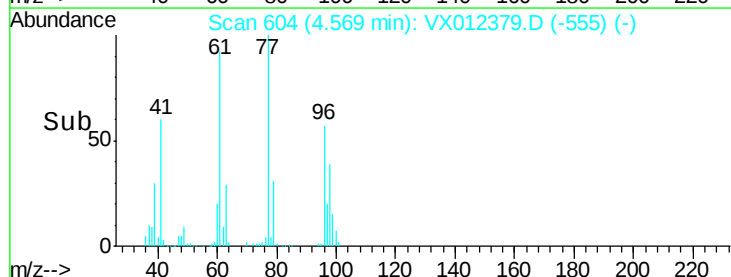
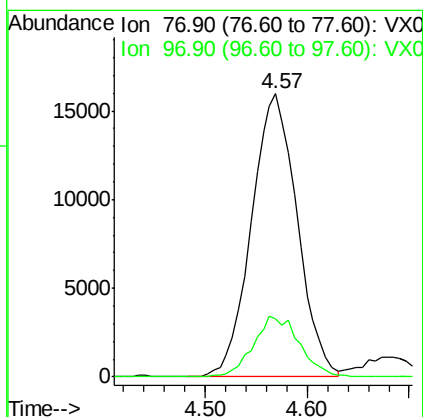
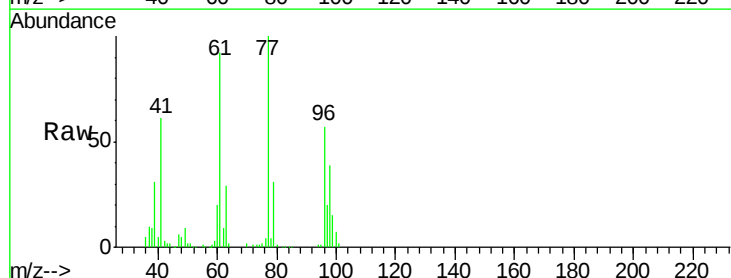
Acq: 13 Sep 2019 11:43

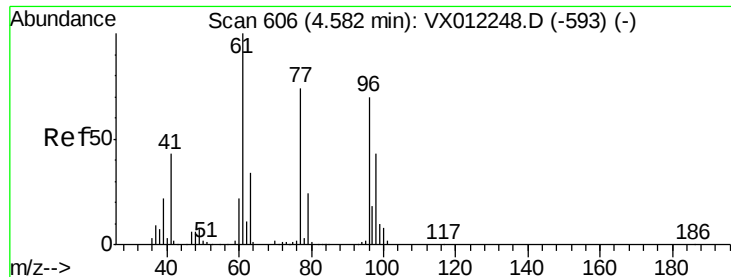
Tgt Ion: 77 Resp: 49724

Ion Ratio Lower Upper

77 100

97 21.6 10.7 32.1





#27

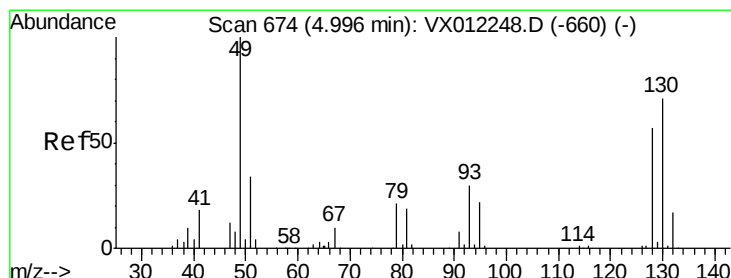
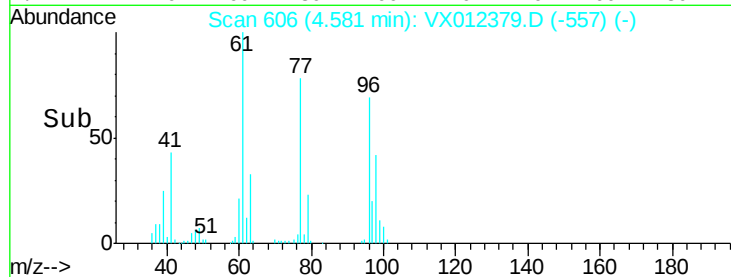
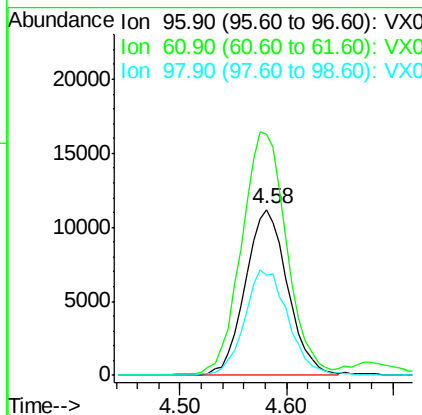
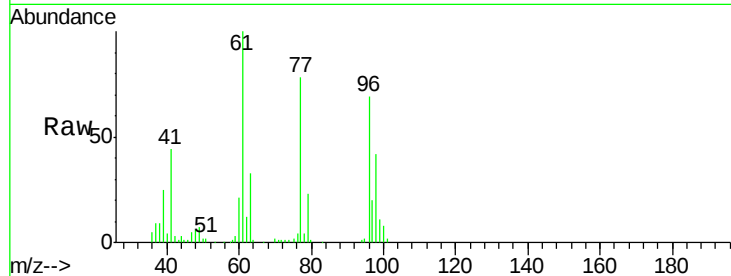
cis-1,2-Dichloroethene
Concen: 17.697 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	157.0	0.0	310.4	
98	65.9	0.0	128.8	

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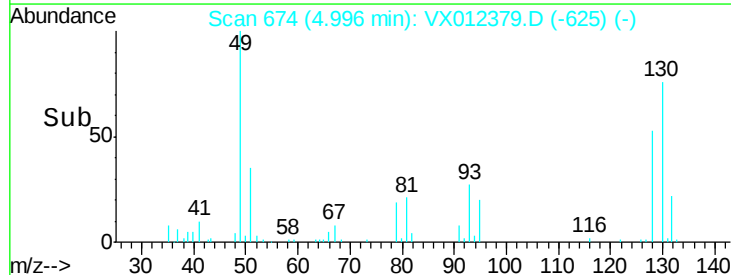
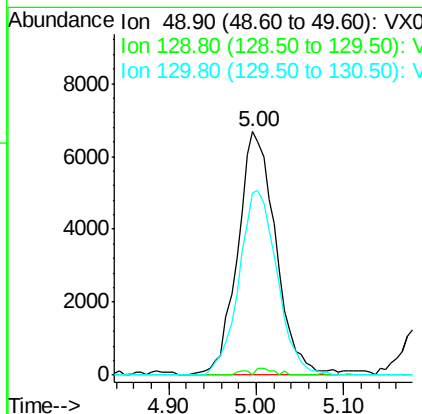
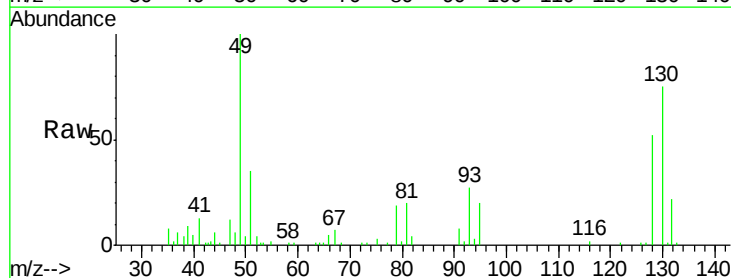
MMDadoda
9/16/2019 1:13:06 AM

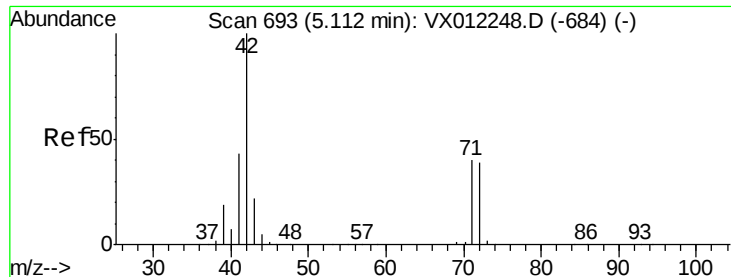


#28

Bromochloromethane
Concen: 15.101 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	5.2	
130	75.8	60.1	90.1	





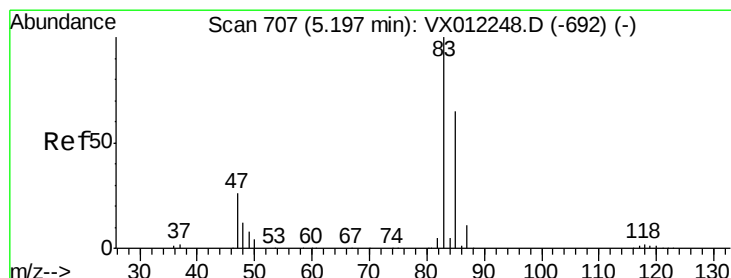
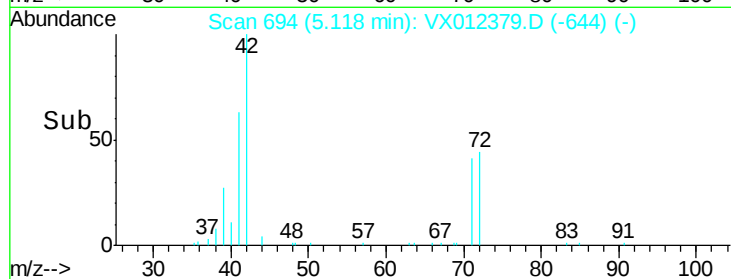
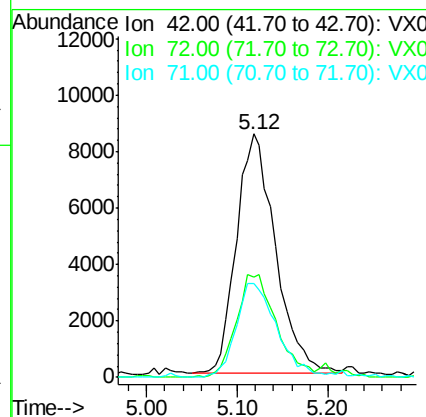
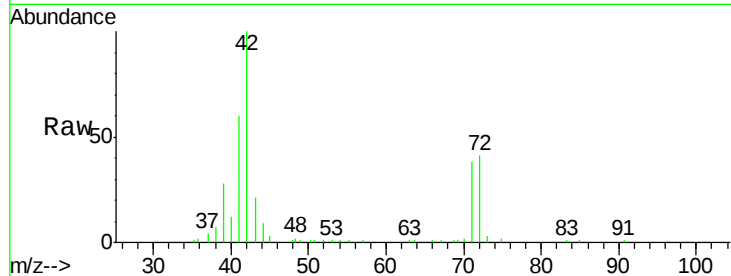
#29
Tetrahydrofuran
Concen: 72.244 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.2	52.8
71	41.1	32.5	48.7

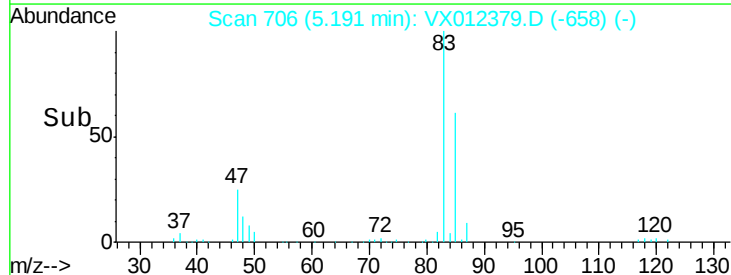
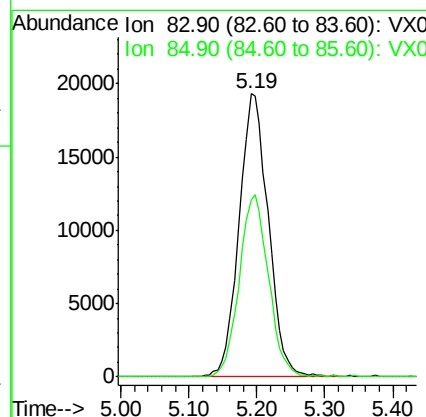
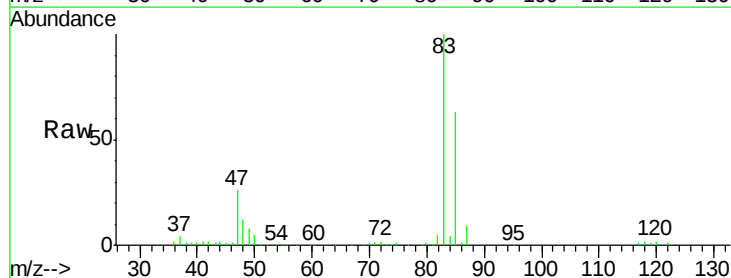
Manual Integrations
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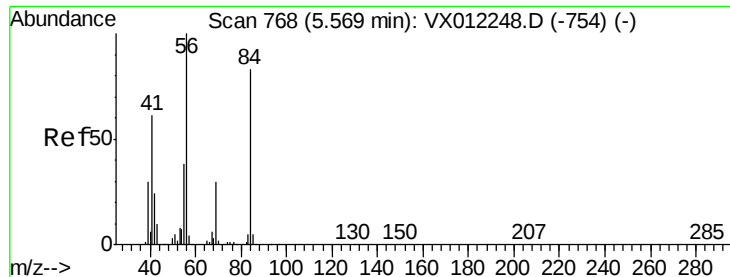
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#30
Chloroform
Concen: 17.992 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.3	78.5





#31

Cyclohexane

Concen: 19.138 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

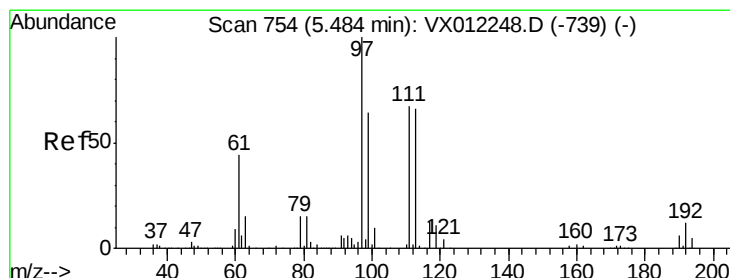
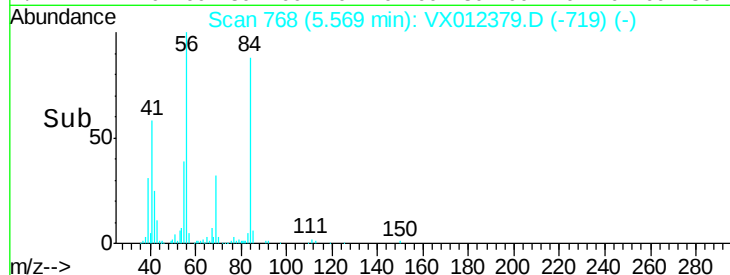
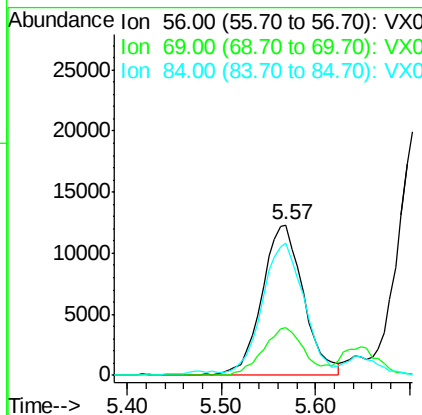
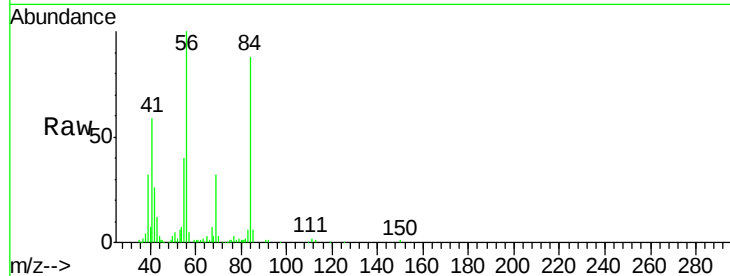
ClientSampleId :

VX0913SBS02

Tot Ion:	56	Resp:	37918
Ion Ratio	Lower	Upper	
56	100		
69	32.1	23.8	35.6
84	85.4	66.6	100.0

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#32

1,1,1-Trichloroethane

Concen: 18.312 ug/l

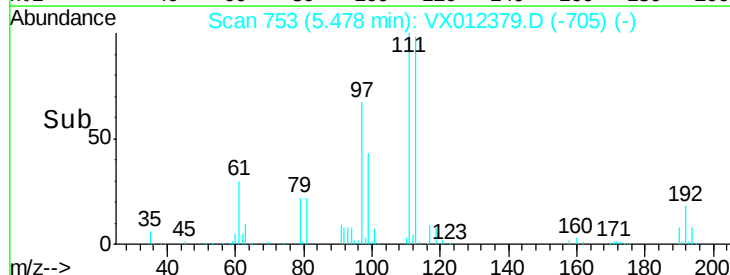
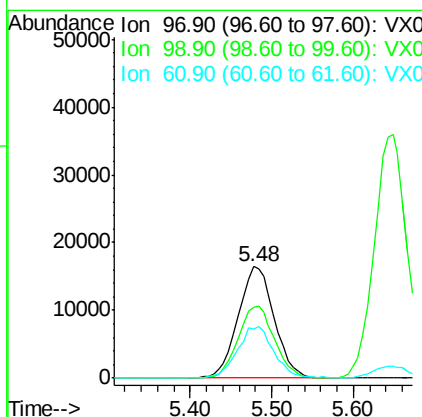
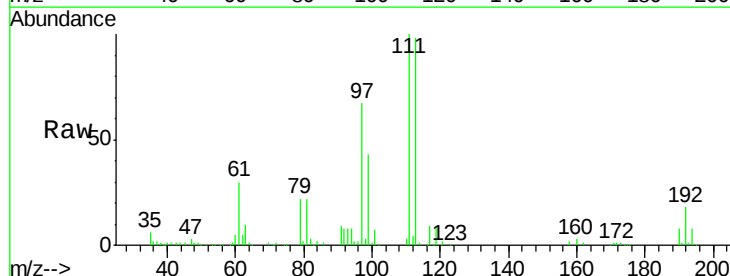
RT: 5.48 min Scan# 753

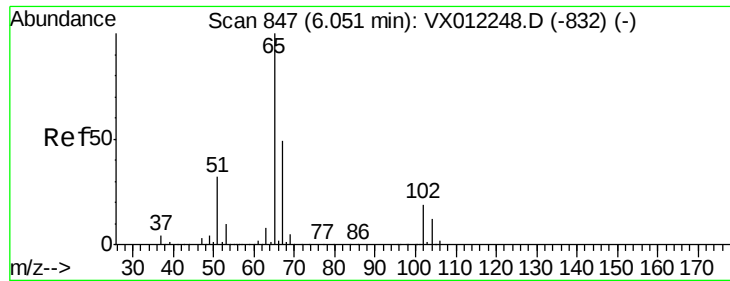
Delta R.T. -0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion:	97	Resp:	50572
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.3	76.9
61	46.7	35.4	53.0





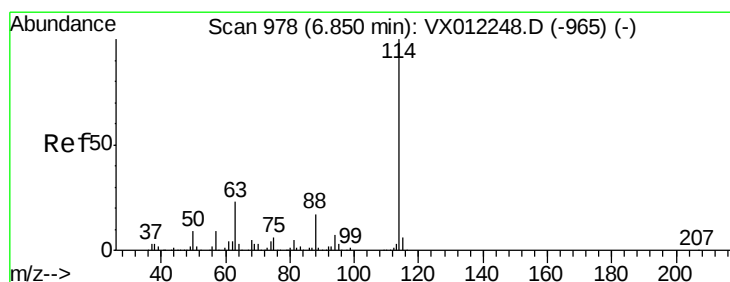
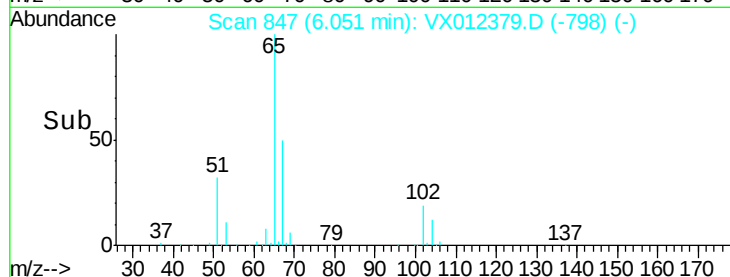
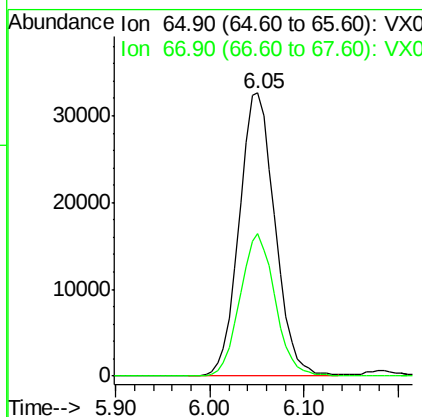
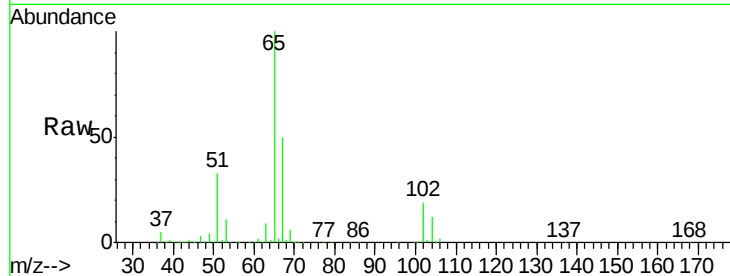
#33
 1,2-Dichloroethane-d4
 Concen: 40.661 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.8

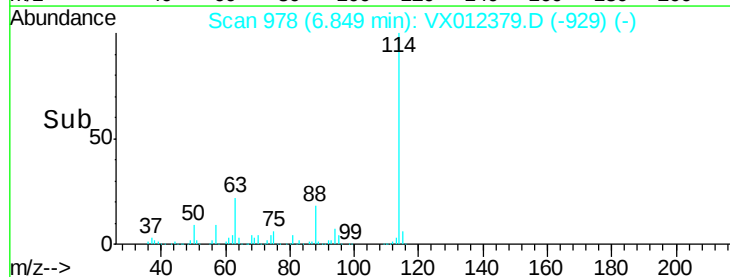
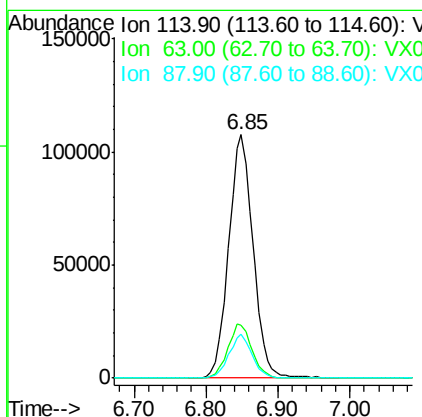
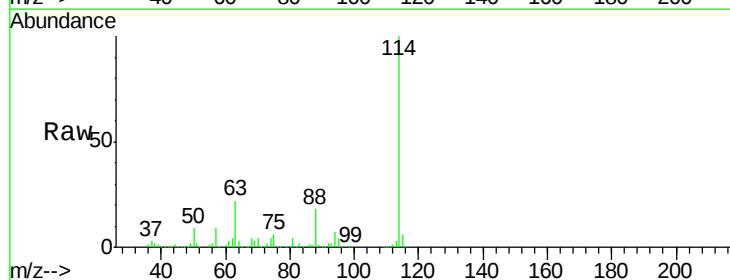
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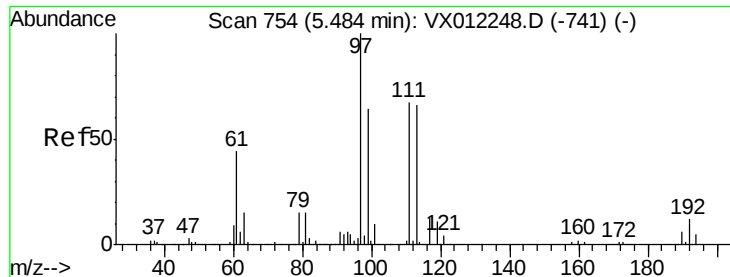
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.2
88	17.9	0.0	34.8





#35

Dibromofluoromethane

Concen: 44.695 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

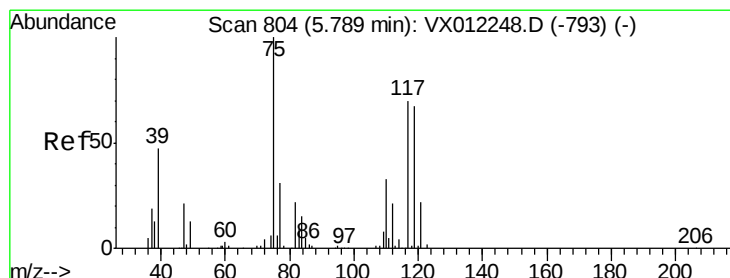
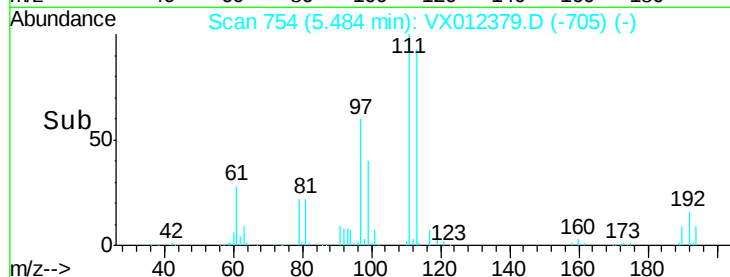
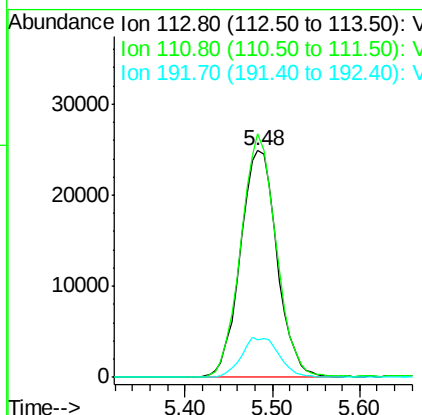
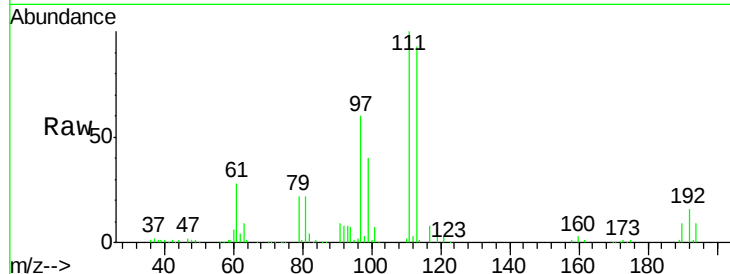
ClientSampleId :

VX0913SBS02

Tot Ion:	113	Resp:	72787
Ion Ratio	Lower	Upper	
113	100		
111	103.2	83.0	124.6
192	18.0	14.3	21.5

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#36

1,1-Dichloropropene

Concen: 20.272 ug/l

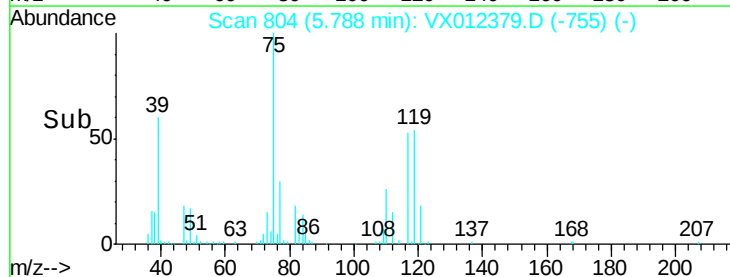
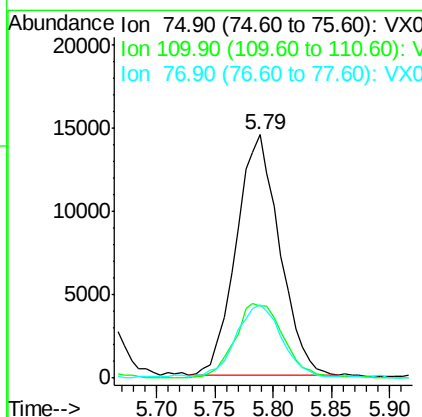
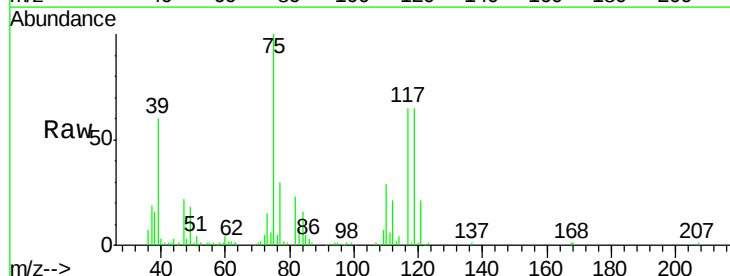
RT: 5.79 min Scan# 804

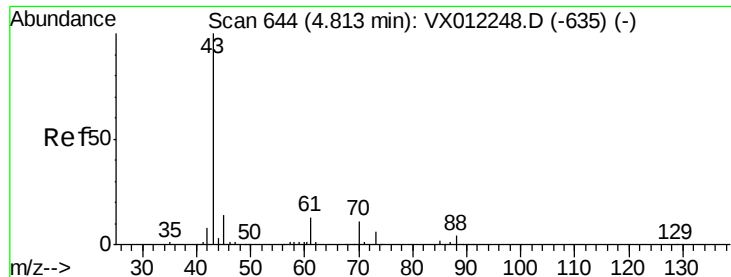
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion:	75	Resp:	37552
Ion Ratio	Lower	Upper	
75	100		
110	34.5	16.8	50.4
77	31.4	24.5	36.7





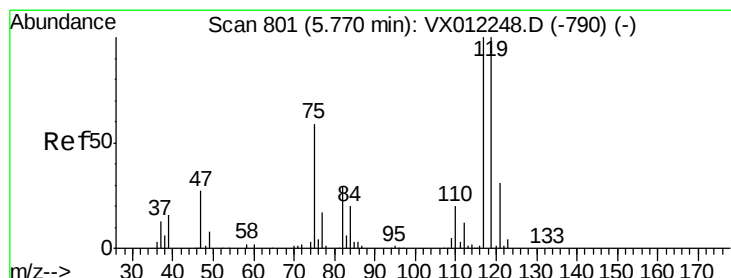
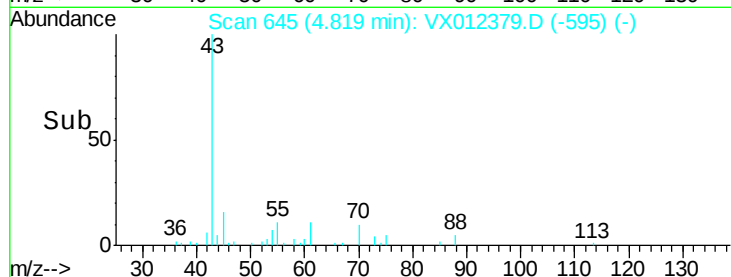
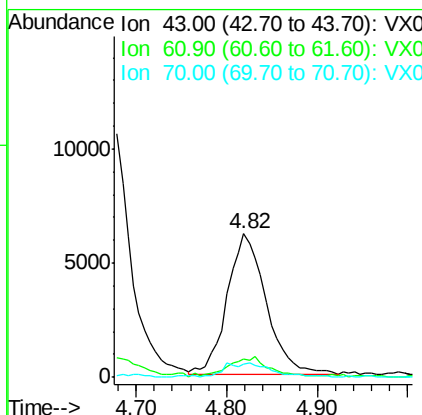
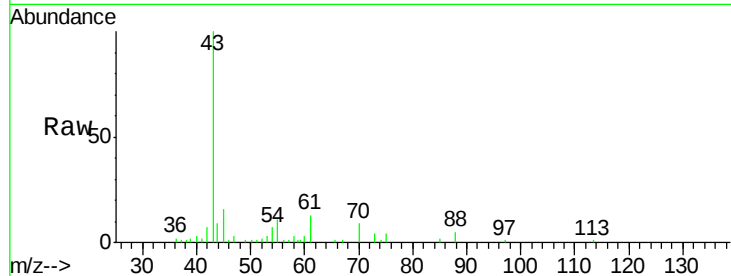
#37
Ethyl Acetate
Concen: 16.021 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	10.3	15.5#
70	8.4	9.1	13.7#

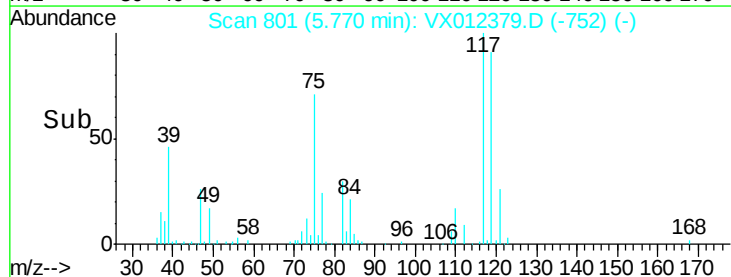
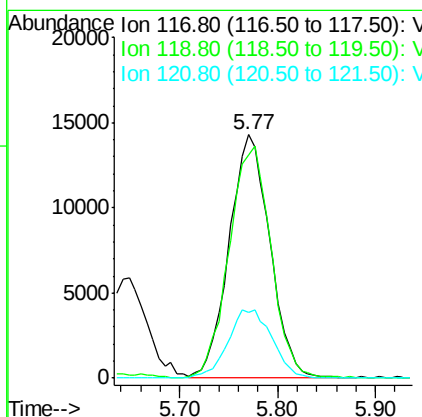
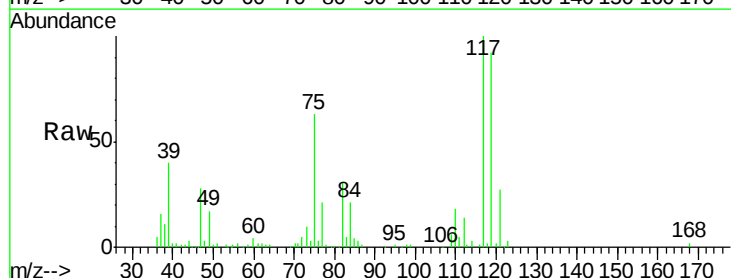
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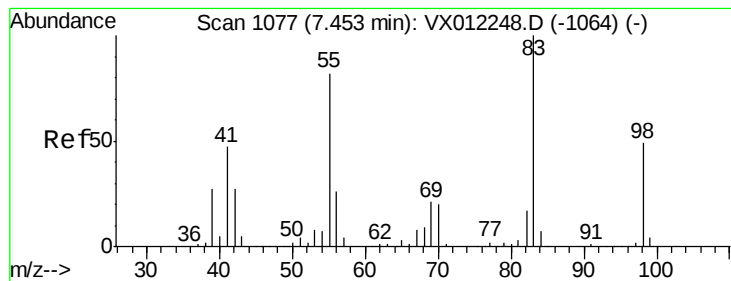
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#38
Carbon Tetrachloride
Concen: 19.044 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	79.6	119.4
121	26.8	24.7	37.1





#39

Methvlcvclohexane

Concen: 20.377 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

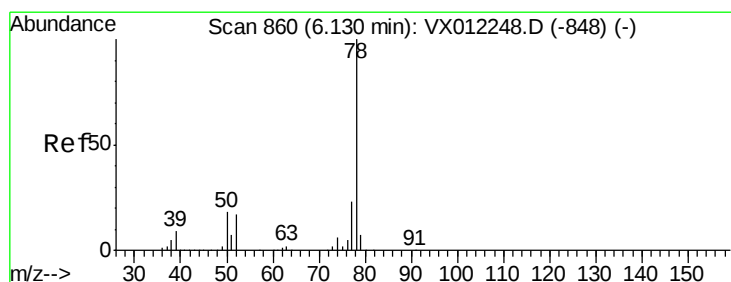
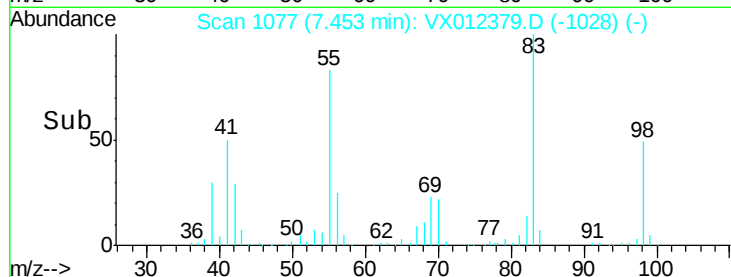
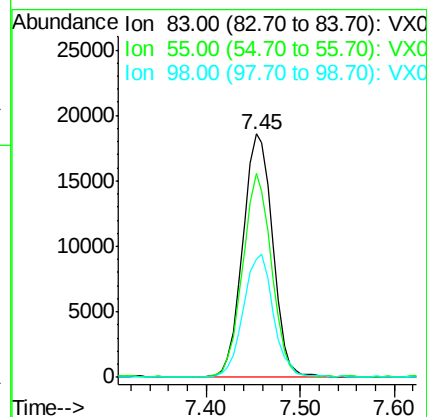
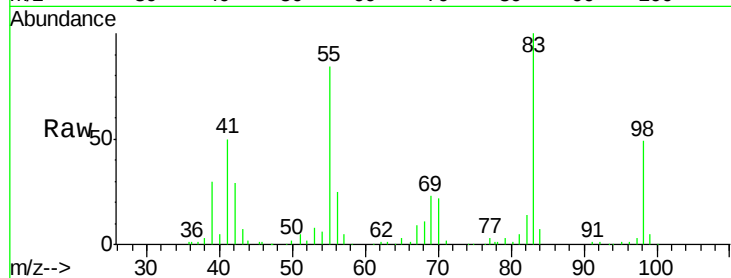
ClientSampleId :

VX0913SBS02

Tot Ion:	83	Resp:	41423
Ion	Ratio	Lower	Upper
83	100		
55	83.3	65.4	98.2
98	48.6	39.6	59.4

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#40

Benzene

Concen: 19.239 ug/l

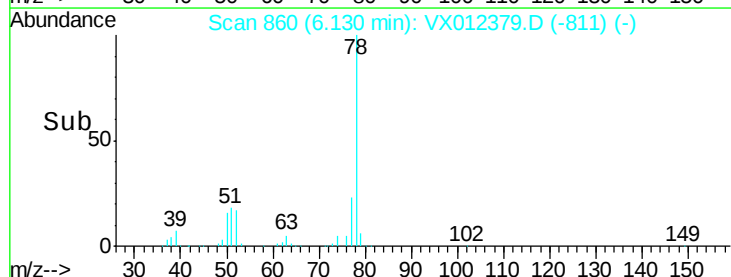
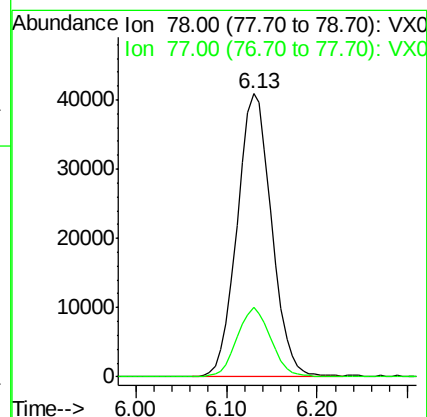
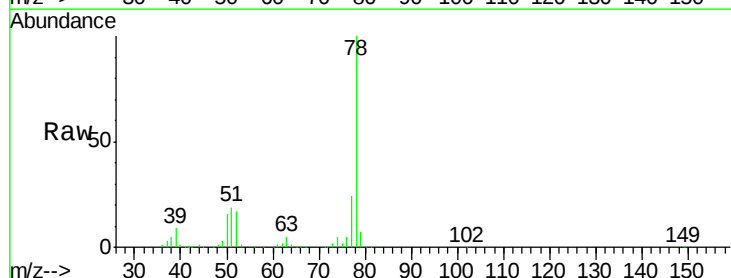
RT: 6.13 min Scan# 860

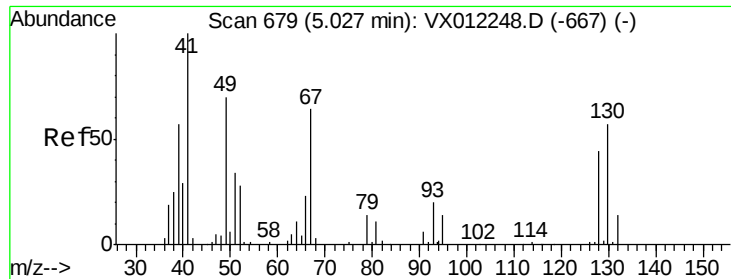
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion:	78	Resp:	107861
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.0	27.0





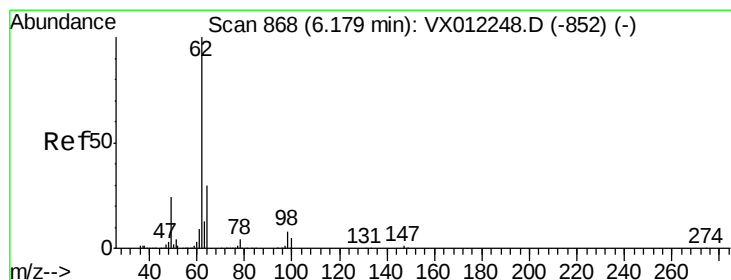
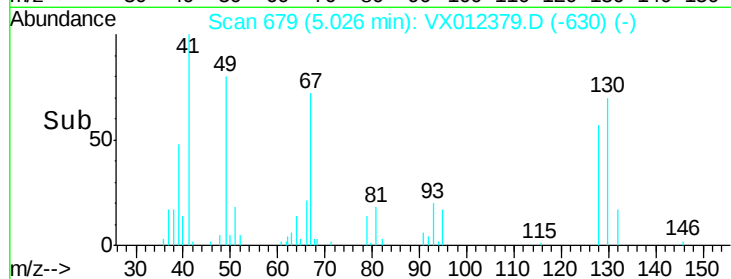
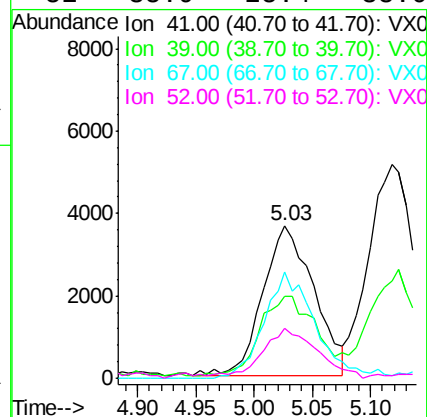
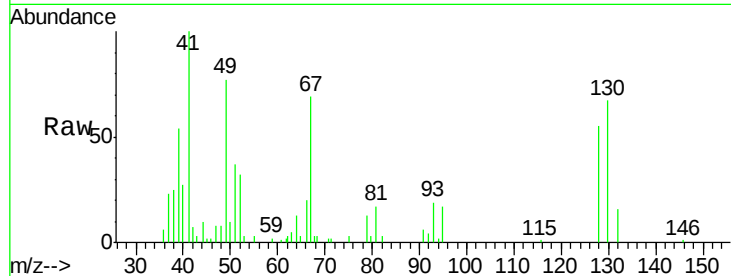
#41
Methacrylonitrile
Concen: 15.631 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion:	41	Resp:	11034
Ion	Ratio	Lower	Upper
41	100		
39	57.2	49.0	73.4
67	70.0	55.0	82.4
52	35.9	25.4	38.0

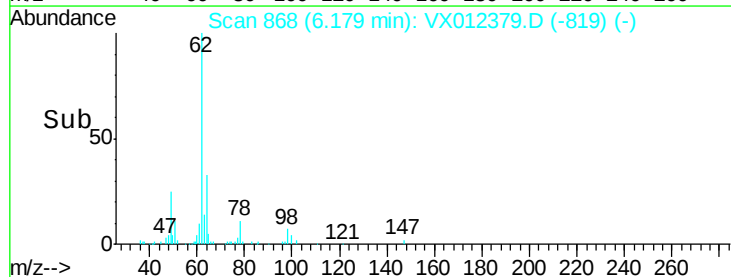
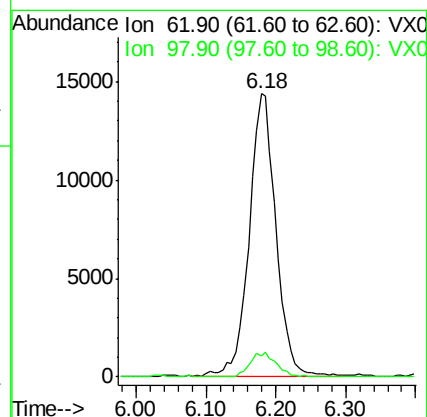
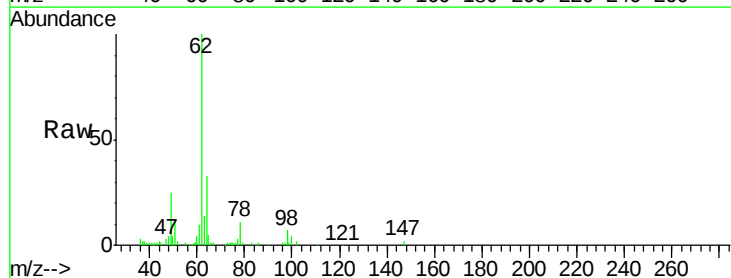
Manual Integrations
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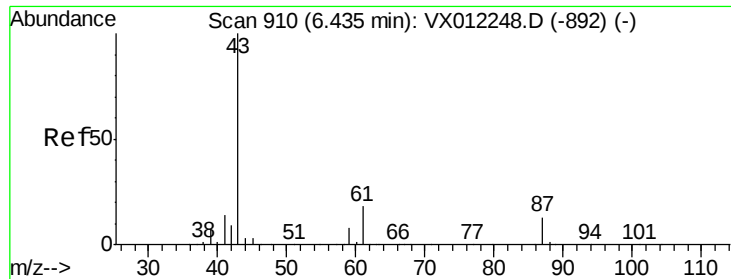
MMDadoda
9/16/2019 1:13:06 AM



#42
1,2-Dichloroethane
Concen: 17.329 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion:	62	Resp:	38398
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

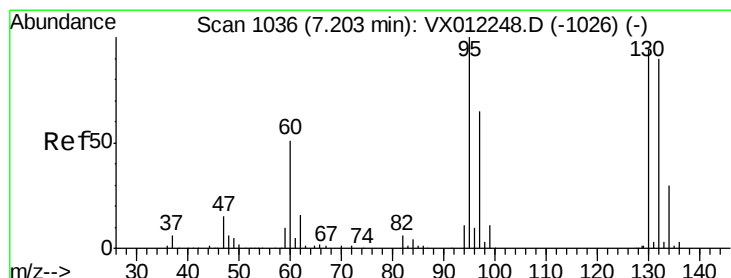
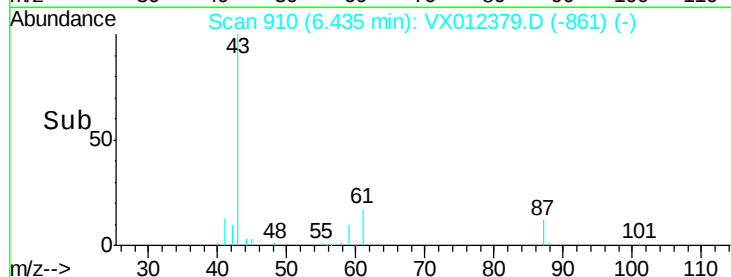
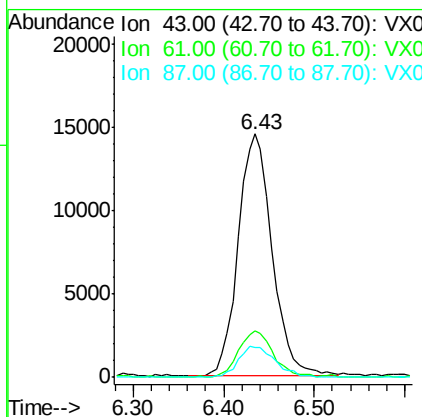
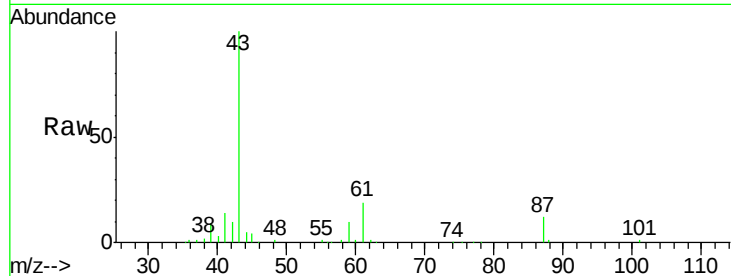
Isopropyl Acetate
 Concen: 15.620 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Tot Ion	43	Resp	37710
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.2
87	13.6	10.5	15.7

Manual Integrations
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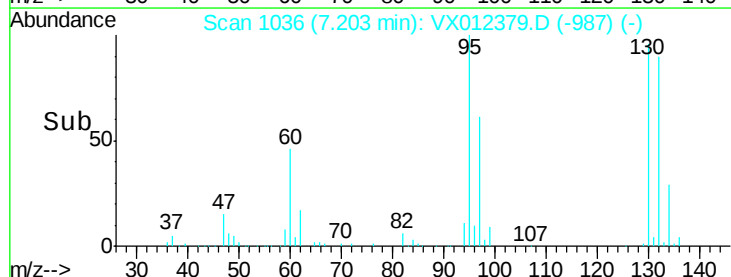
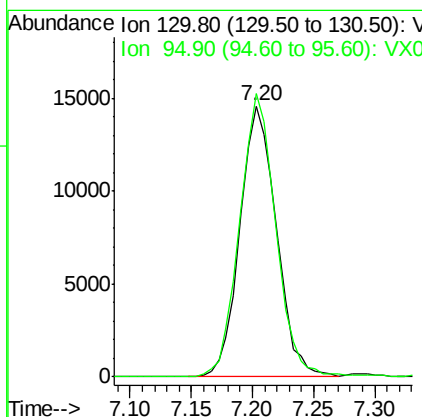
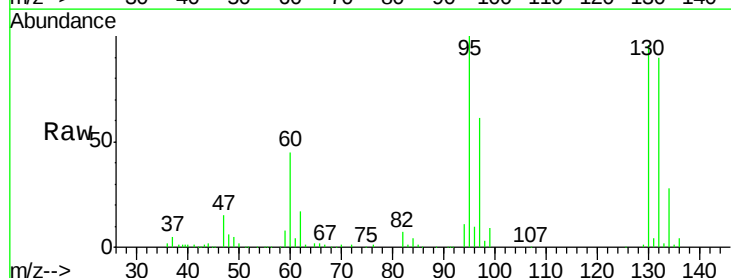
MMDadoda
 9/16/2019 1:13:06 AM

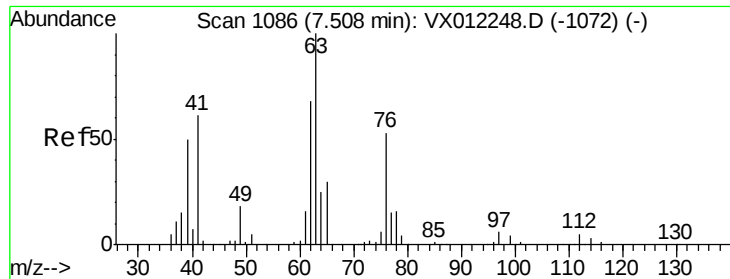


#44

Trichloroethene
 Concen: 19.895 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	130	Resp	30185
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	212.0





#45

1,2-Dichloropropane

Concen: 18.587 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 63 Resp: 28844

Ion Ratio Lower Upper

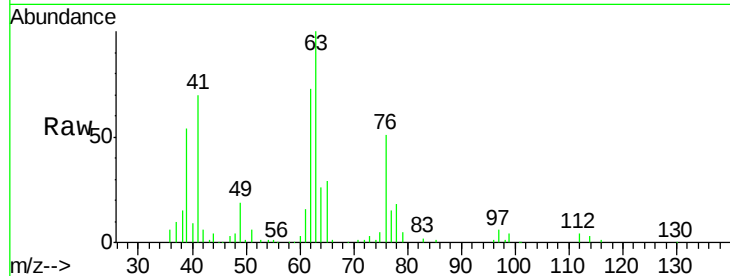
63 100

65 29.0 24.3 36.5

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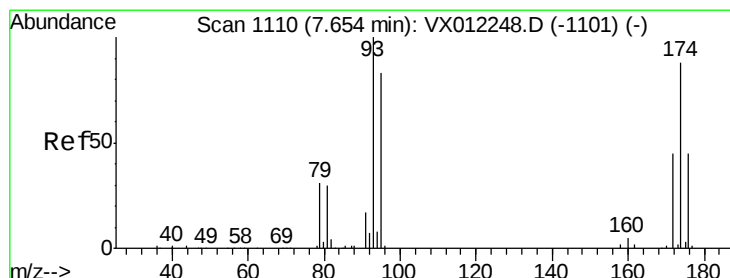
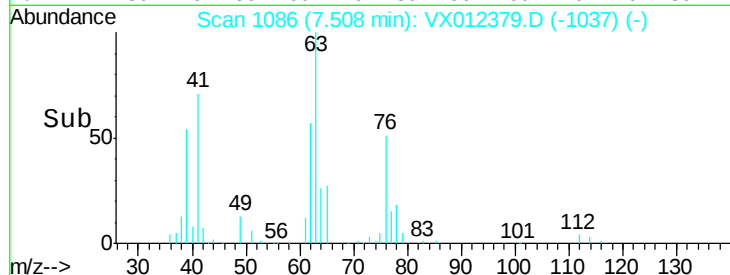
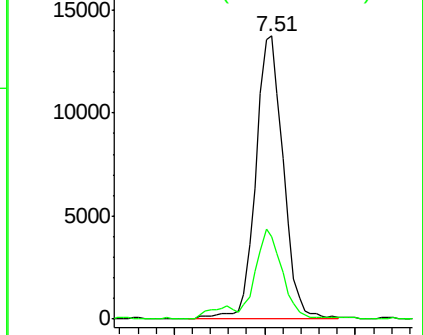
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.195 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

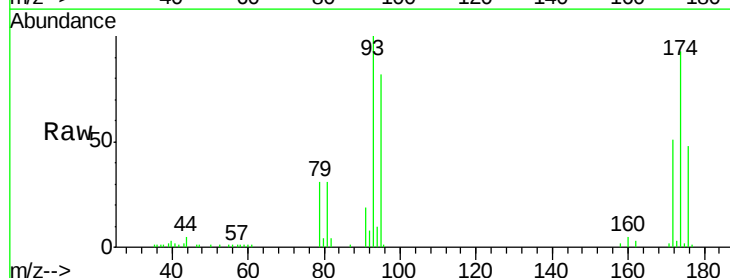
Tgt Ion: 93 Resp: 14584

Ion Ratio Lower Upper

93 100

95 84.8 65.7 98.5

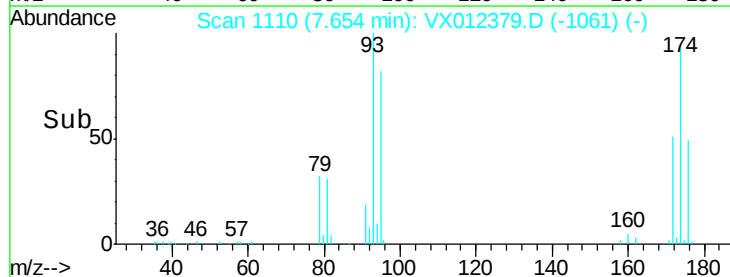
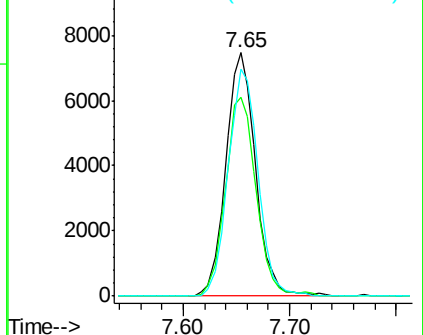
174 93.9 71.0 106.4

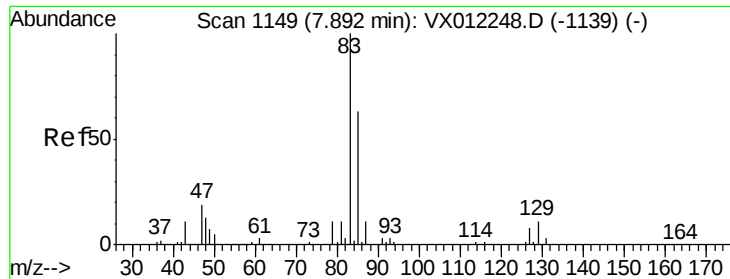


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.490 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

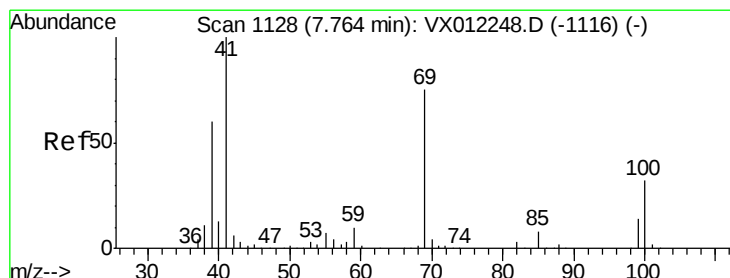
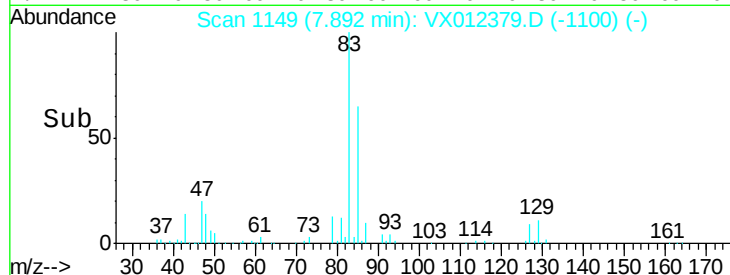
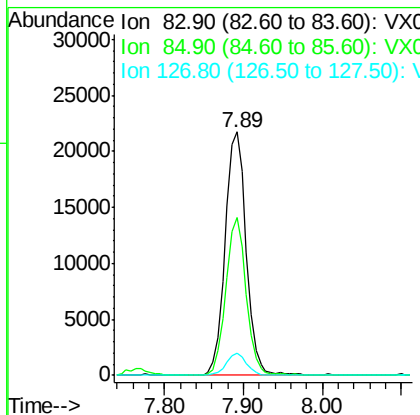
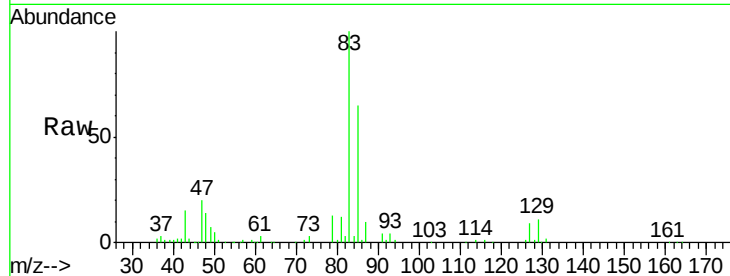
ClientSampleId :

VX0913SBS02

Tot Ion:	83	Resp:	40481
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.2	75.4
127	9.2	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 14.768 ug/l

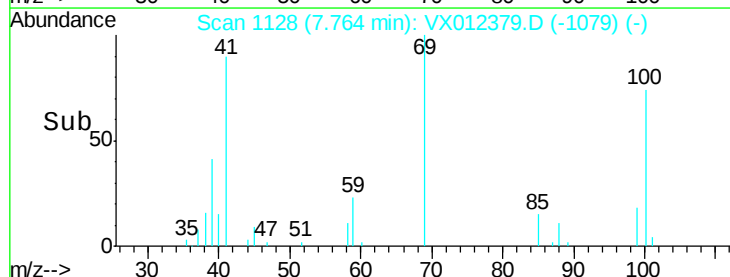
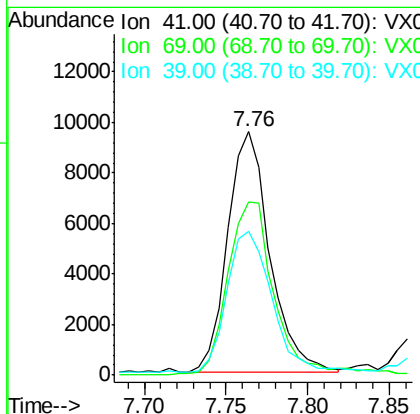
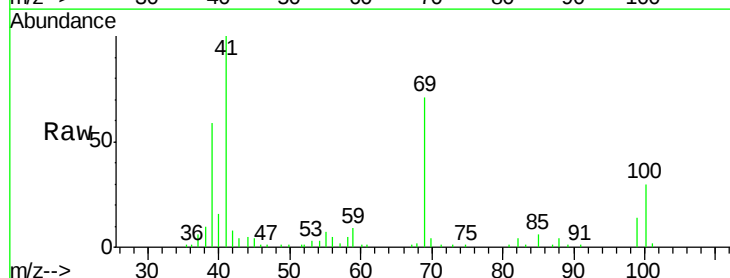
RT: 7.76 min Scan# 1128

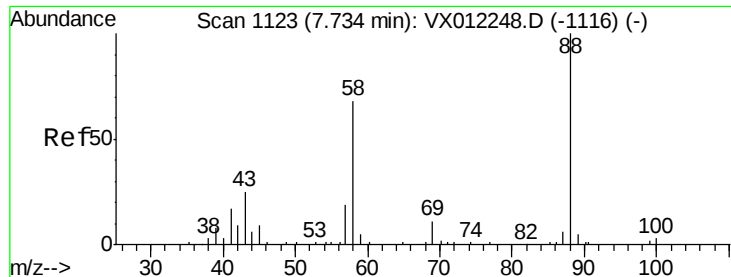
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion:	41	Resp:	17065
Ion	Ratio	Lower	Upper
41	100		
69	81.2	61.8	92.6
39	64.0	48.6	73.0





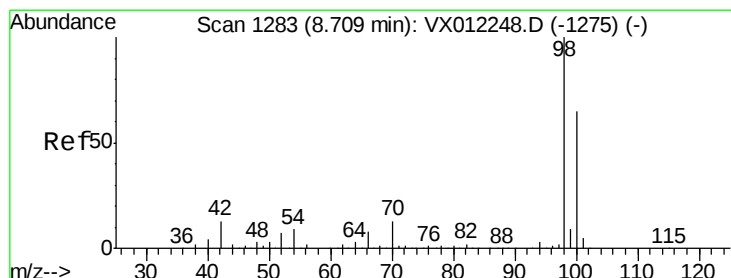
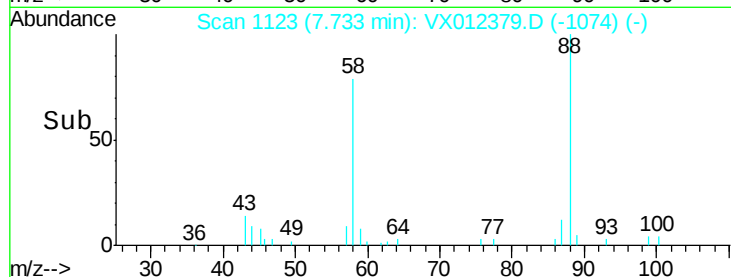
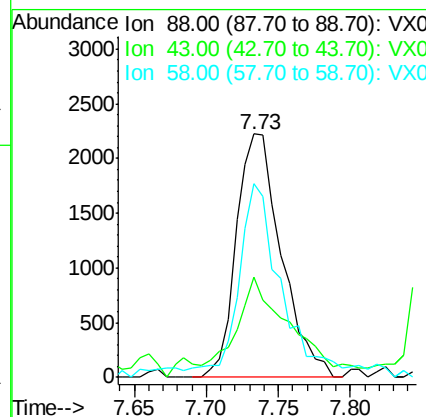
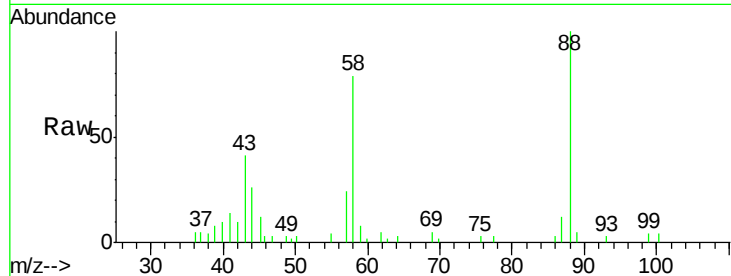
#49
1,4-Dioxane
Concen: 310.142 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	31.0	46.4
58	69.0	61.5	92.3

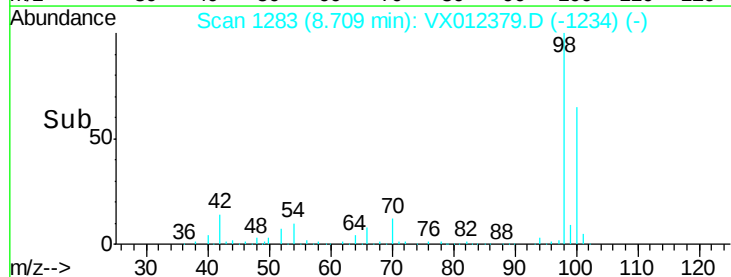
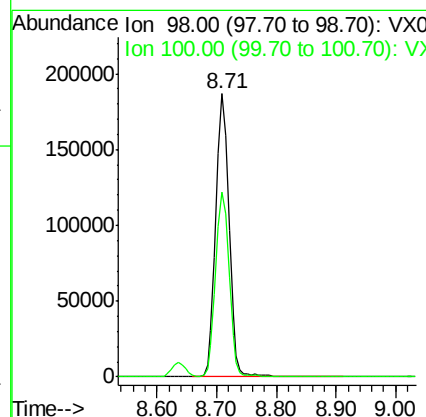
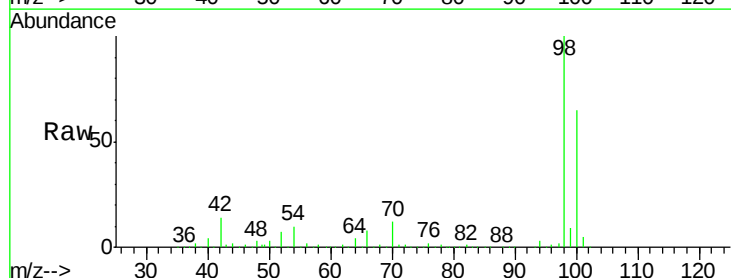
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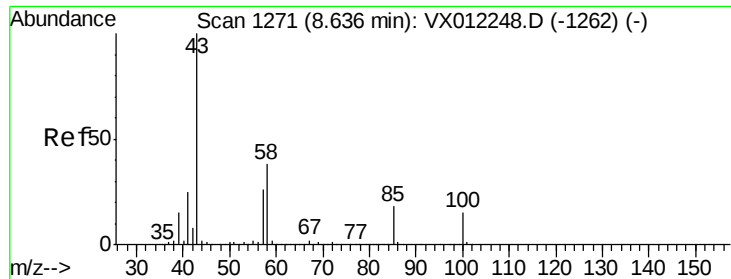
MMDadoda
9/16/2019 1:13:06 AM



#50
Toluene-d8
Concen: 50.231 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	54.1	81.1





#51

4-Methyl-2-Pentanone

Concen: 75.942 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 43 Resp: 96761

Ion Ratio Lower Upper

43 100

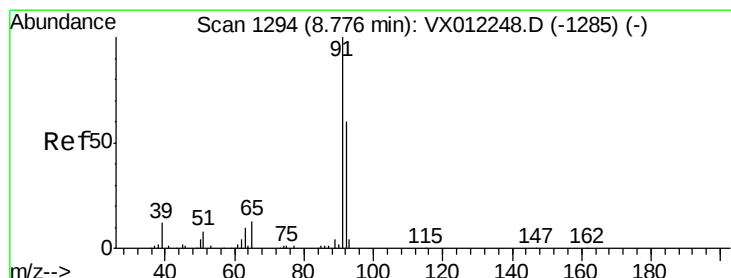
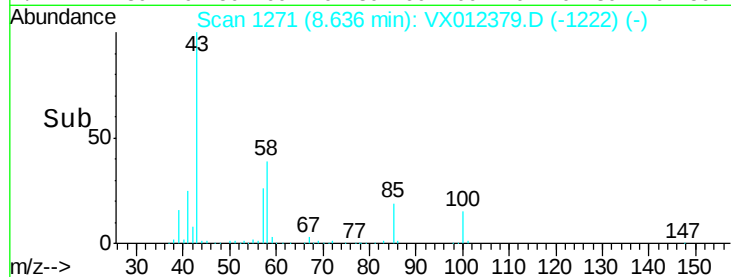
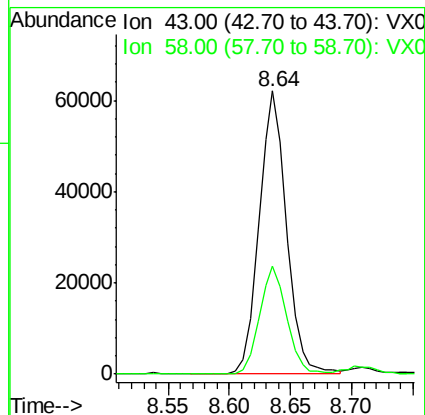
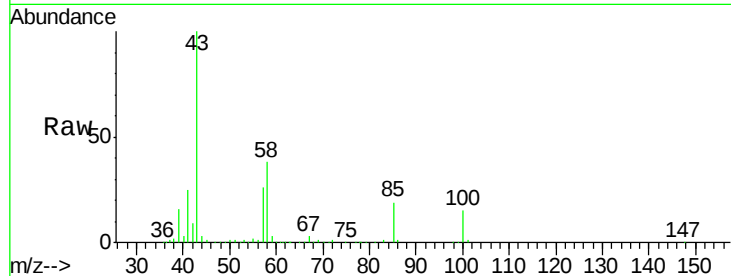
58 38.2 30.1 45.1

Manual Integrations

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#52

Toluene

Concen: 19.516 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012379.D

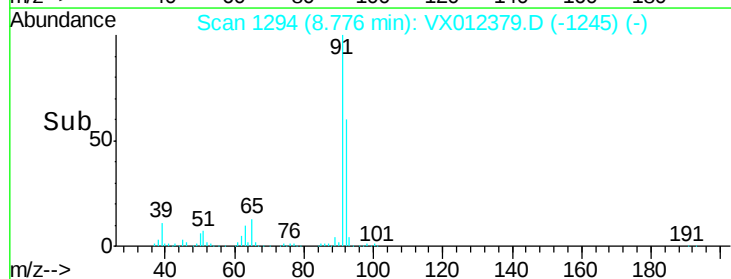
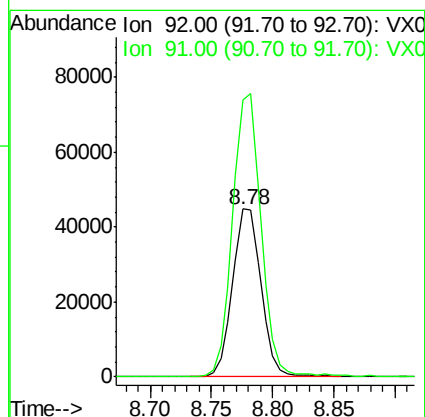
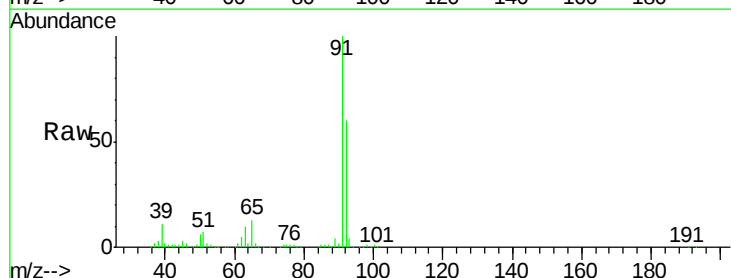
Acq: 13 Sep 2019 11:43

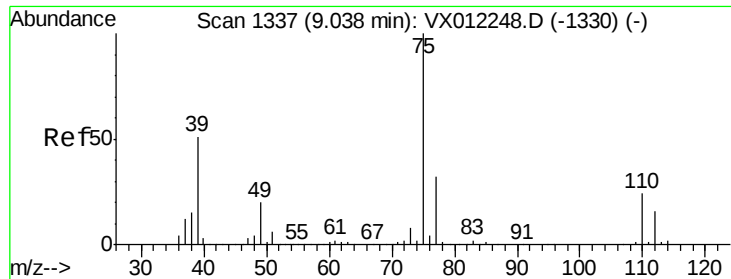
Tgt Ion: 92 Resp: 72268

Ion Ratio Lower Upper

92 100

91 168.5 133.6 200.4





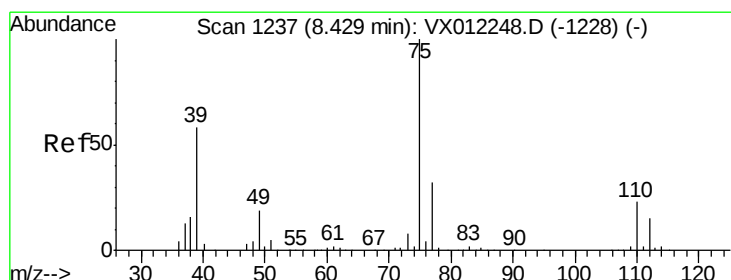
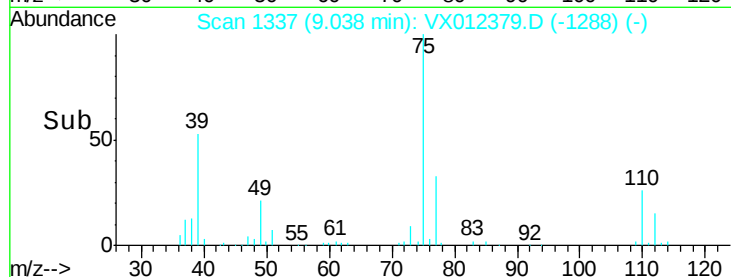
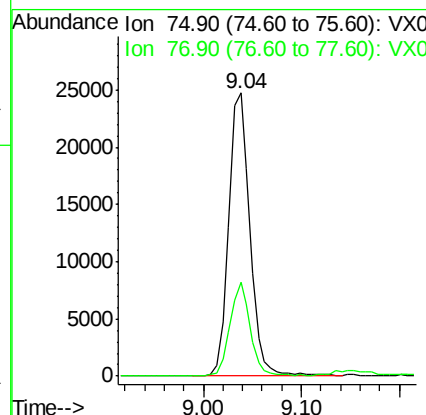
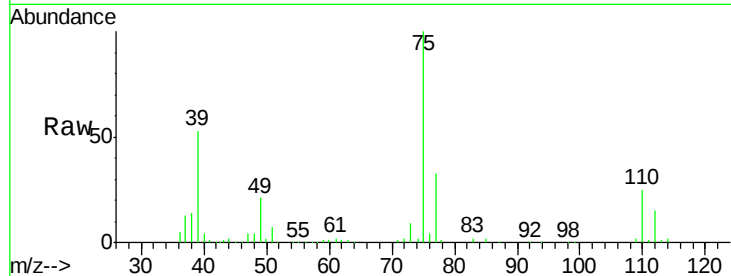
#53
t-1,3-Dichloropropene
Concen: 16.150 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.8	38.6

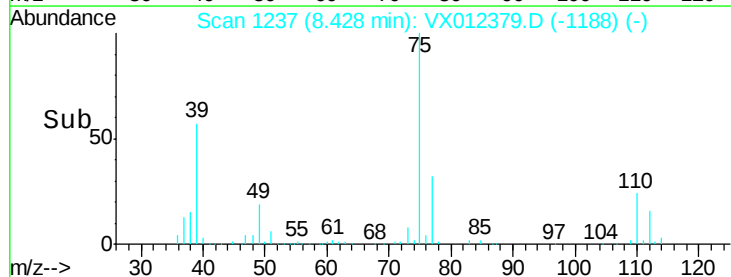
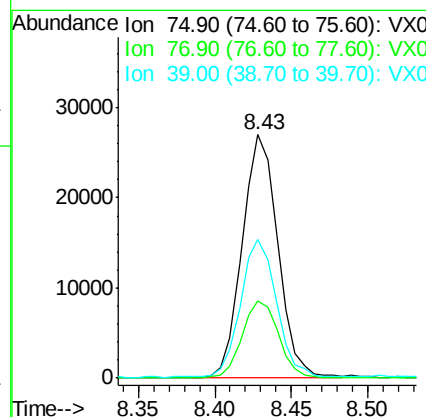
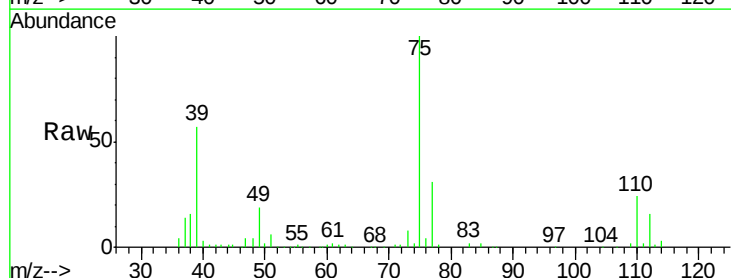
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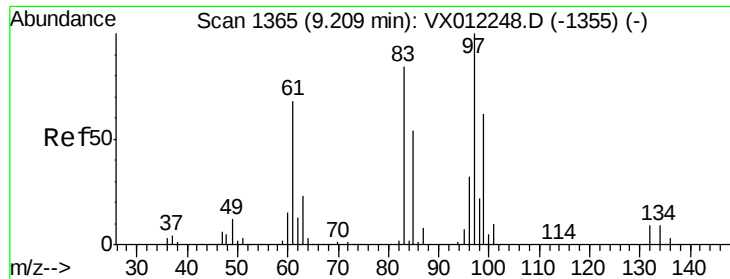
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.002 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2
39	56.5	46.5	69.7





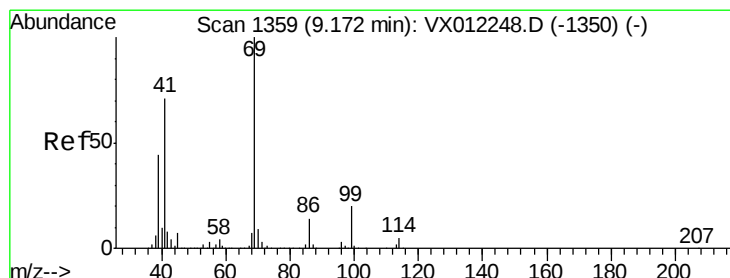
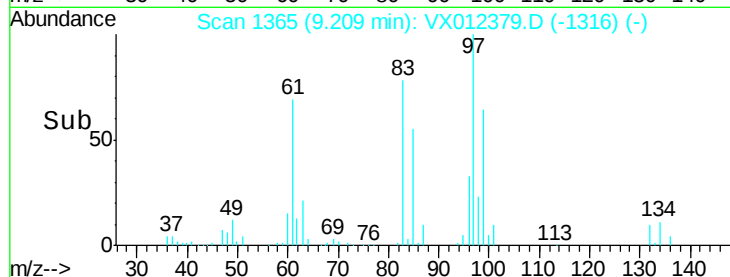
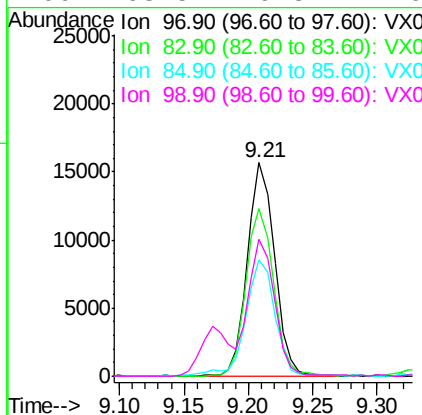
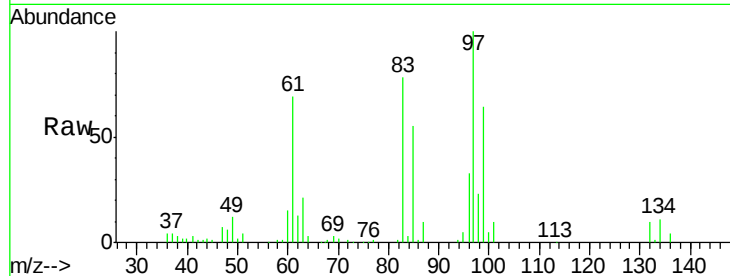
#55
 1,1,2-Trichloroethane
 Concen: 17.436 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Tot Ion:	97	Resp:	22911
Ion Ratio	Lower	Upper	
97	100		
83	78.2	67.4	101.2
85	54.0	43.4	65.2
99	63.5	49.8	74.6

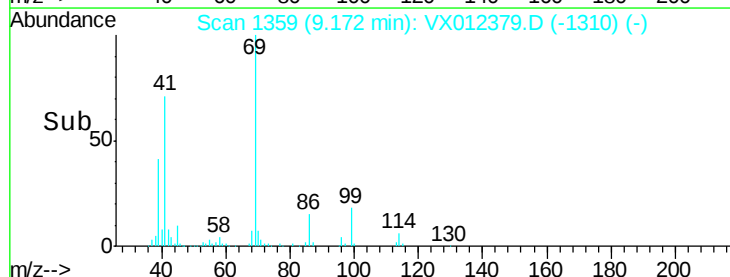
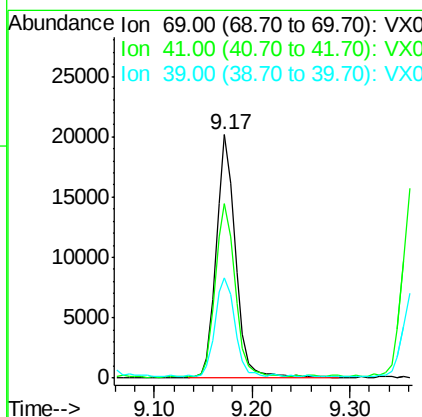
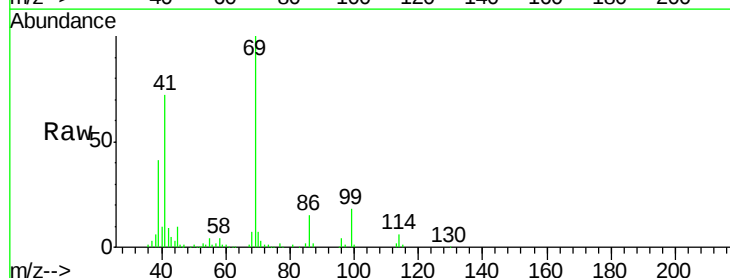
Manual Integrations
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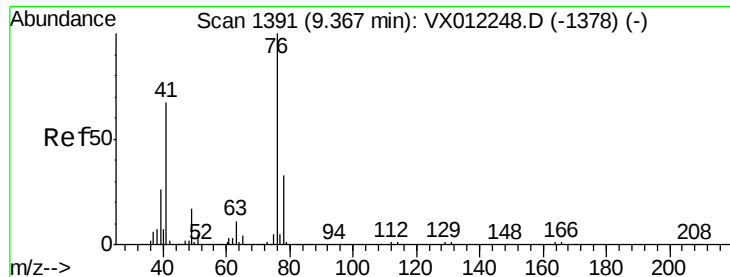
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#56
 Ethyl methacrylate
 Concen: 15.697 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion:	69	Resp:	27927
Ion Ratio	Lower	Upper	
69	100		
41	72.1	57.7	86.5
39	42.0	34.0	51.0





#57

1,3-Dichloropropane

Concen: 17.532 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 76 Resp: 39344

Ion Ratio Lower Upper

76 100

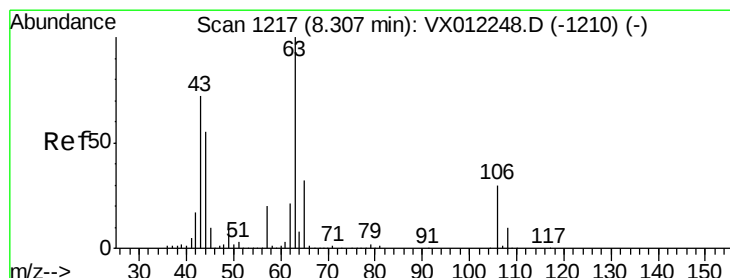
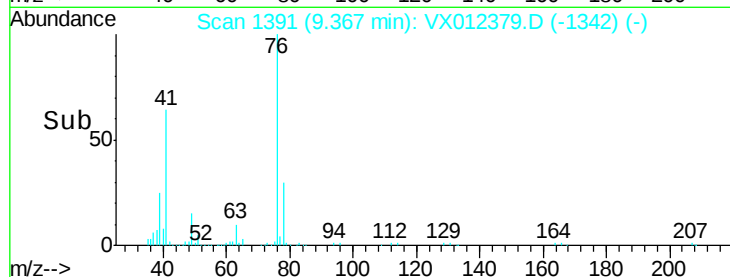
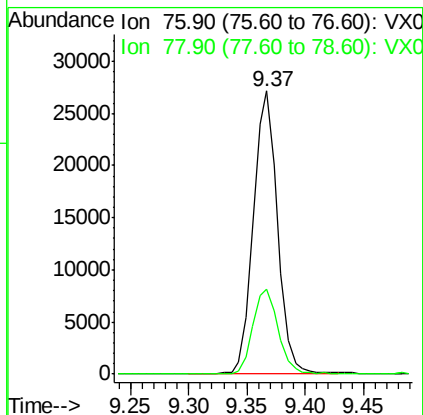
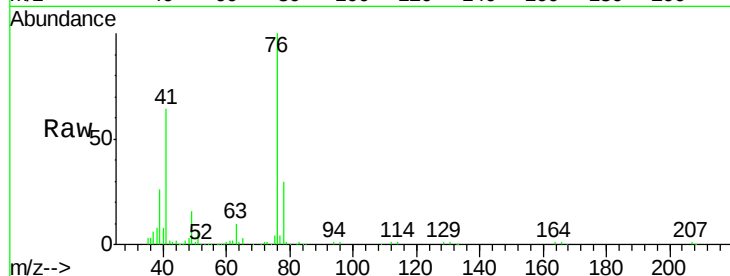
78 31.4 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 71.154 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012379.D

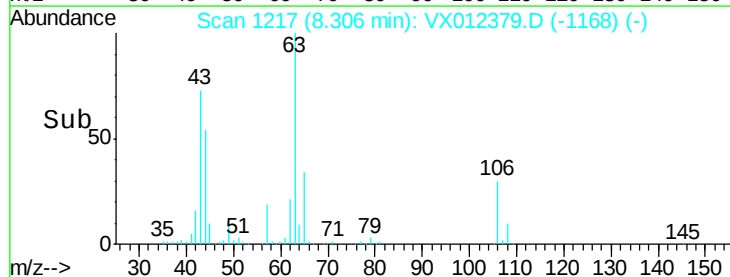
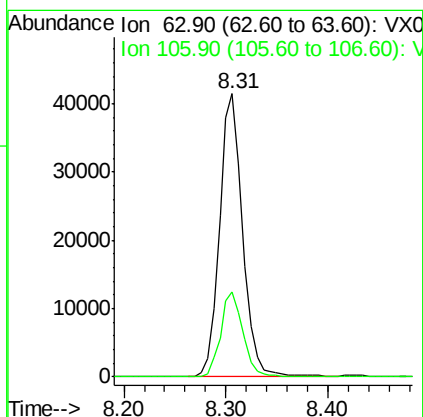
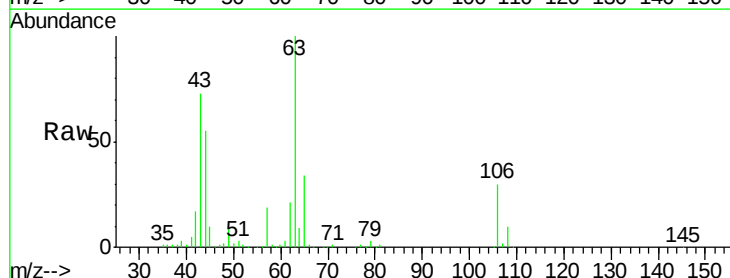
Acq: 13 Sep 2019 11:43

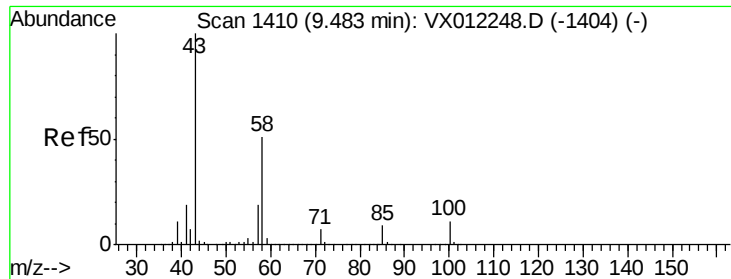
Tgt Ion: 63 Resp: 64881

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





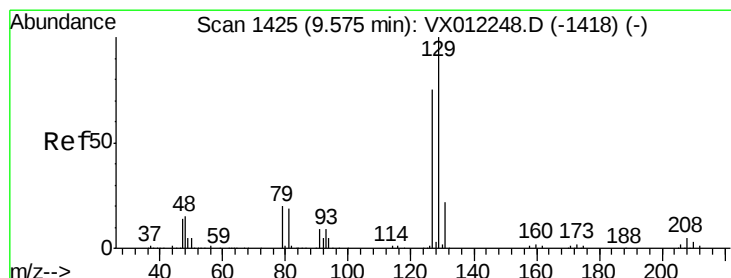
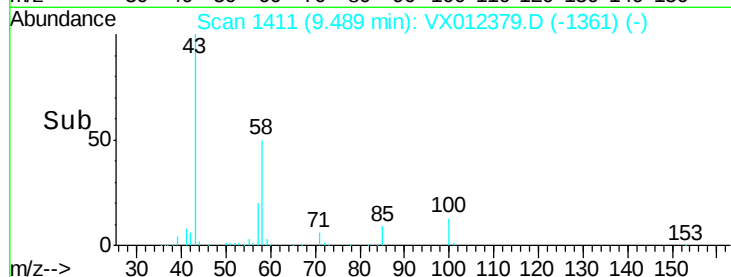
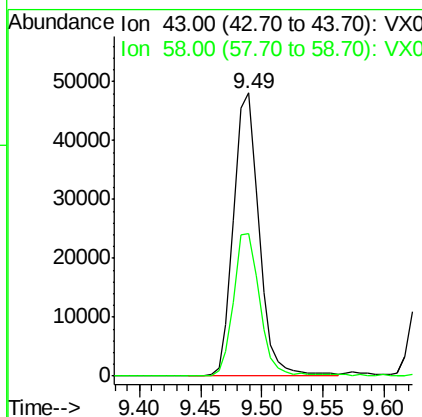
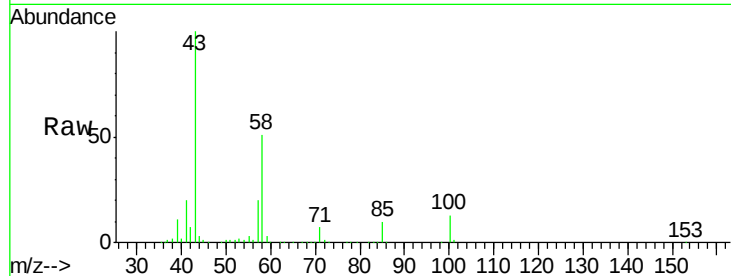
#59
2-Hexanone
Concen: 77.420 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion: 43 Resp: 68588
Ion Ratio Lower Upper
43 100
58 52.8 25.8 77.3

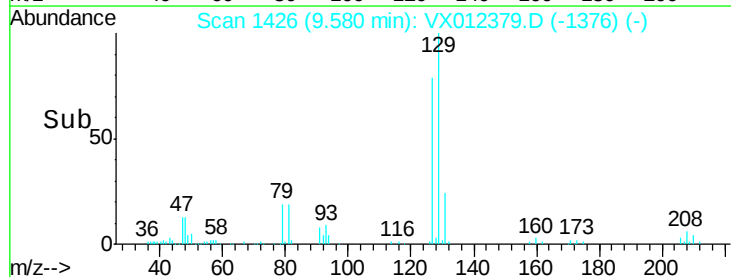
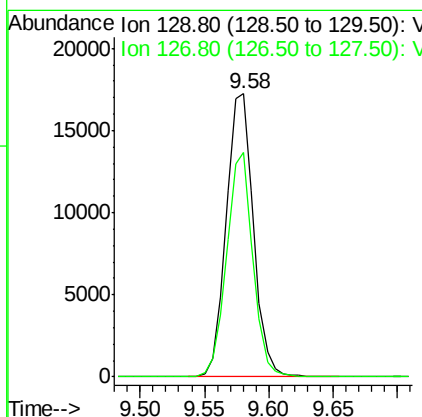
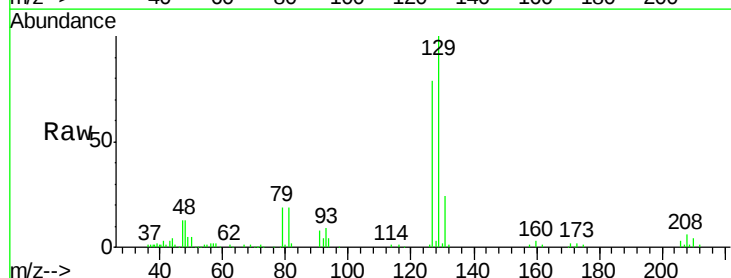
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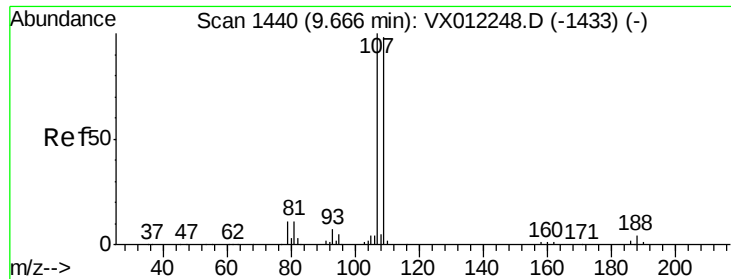
MMDadoda
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#60
Dibromochloromethane
Concen: 16.725 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion: 129 Resp: 25656
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 16.922 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 107 Resp: 20697

Ion Ratio Lower Upper

107 100

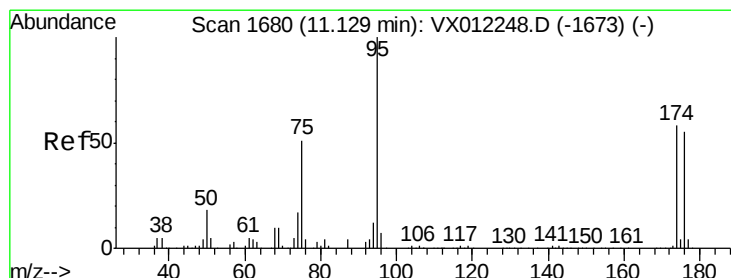
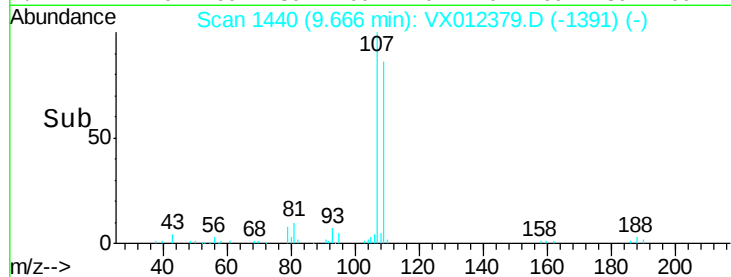
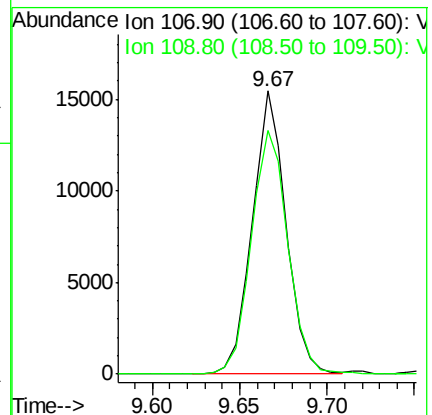
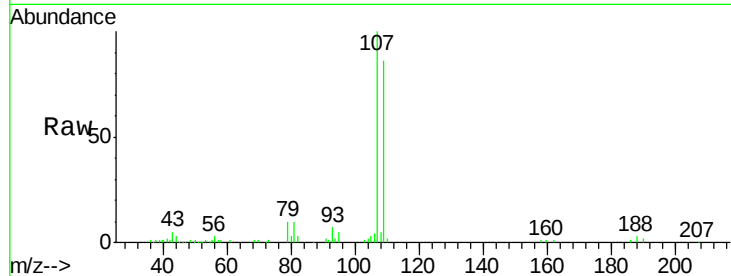
109 93.4 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 42.889 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

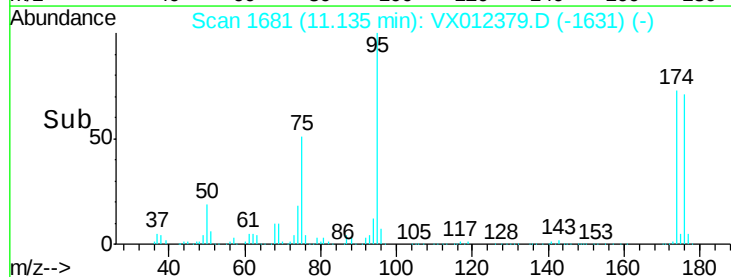
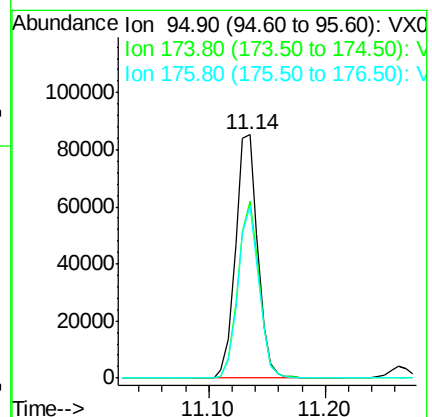
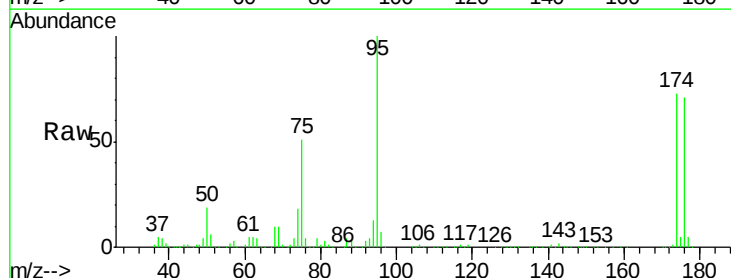
Tgt Ion: 95 Resp: 113569

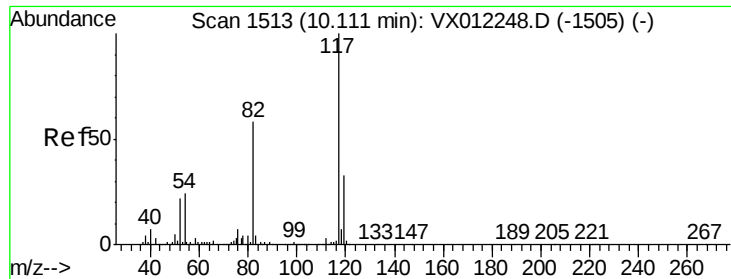
Ion Ratio Lower Upper

95 100

174 69.8 0.0 127.0

176 67.0 0.0 125.8





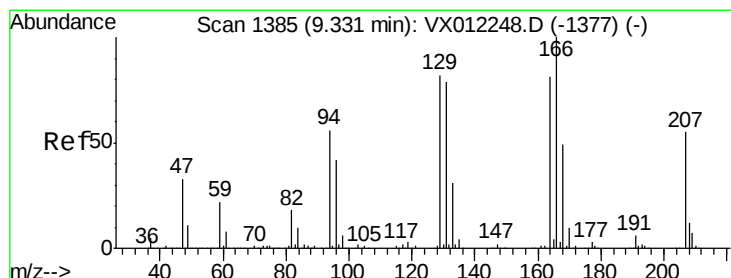
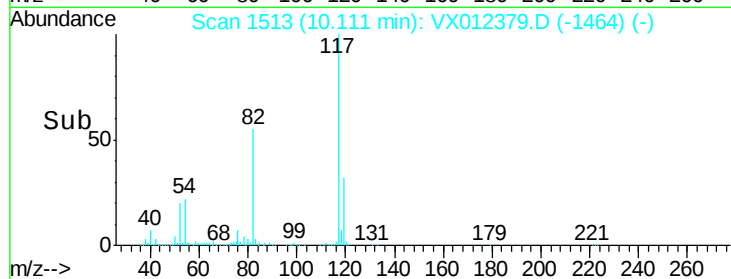
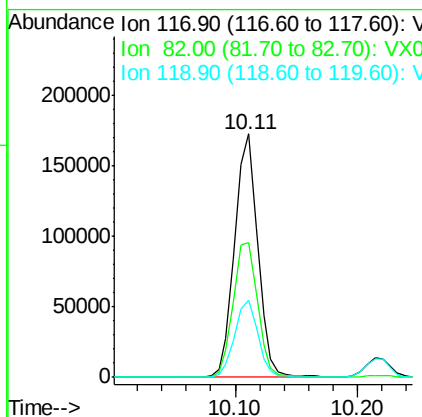
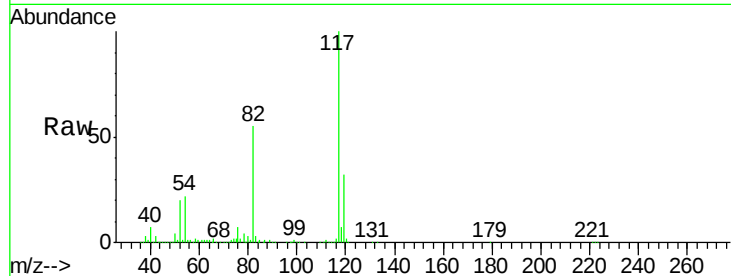
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	225645		
82	55.4	46.4	69.6	
119	31.9	26.6	39.8	

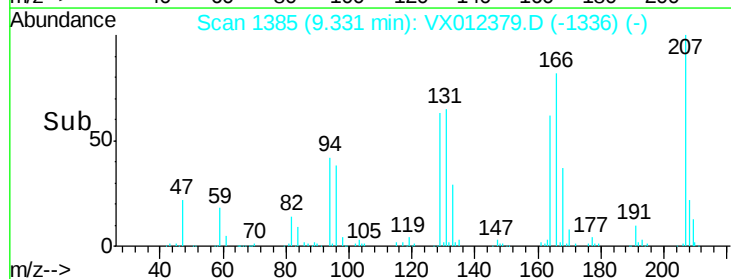
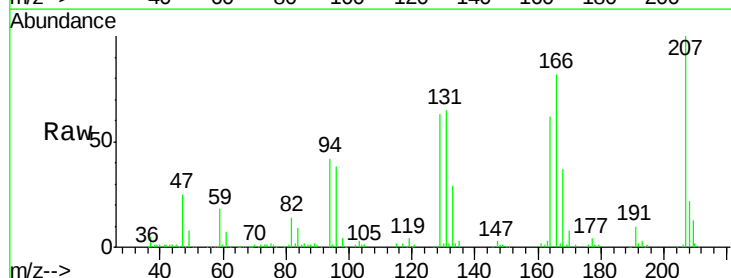
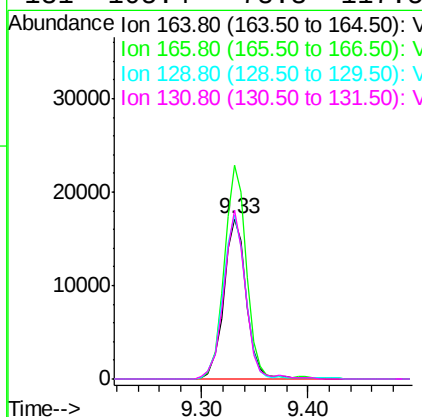
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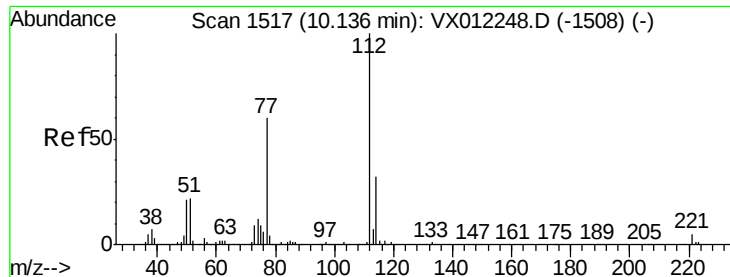
MMDadoda
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#64
Tetrachloroethene
Concen: 21.275 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	25389		
166	133.4	99.4	149.0	
129	102.5	81.8	122.8	
131	105.4	78.3	117.5	





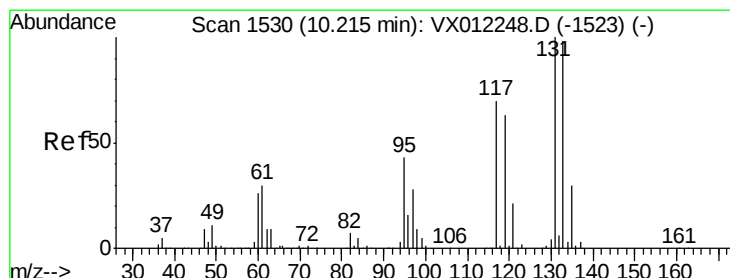
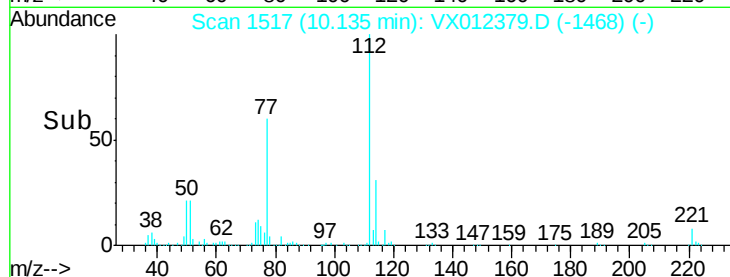
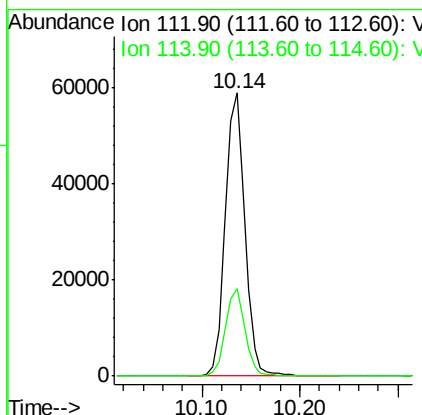
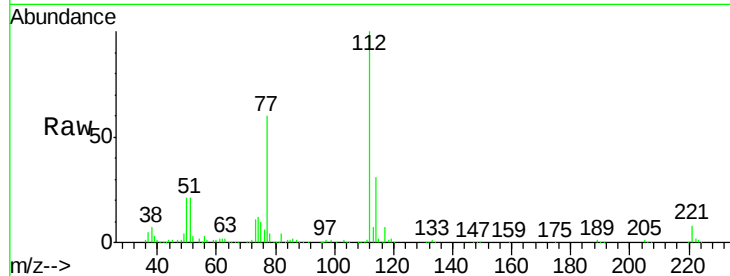
#65
Chlorobenzene
Concen: 20.019 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion:112 Resp: 82539
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.0

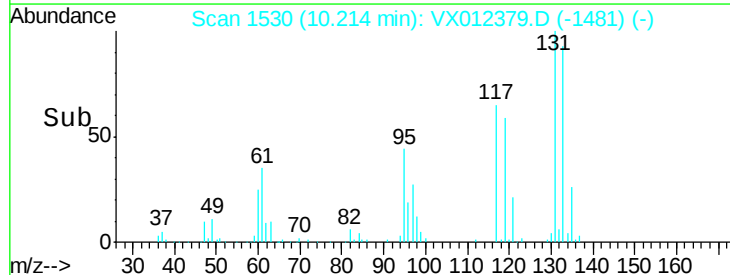
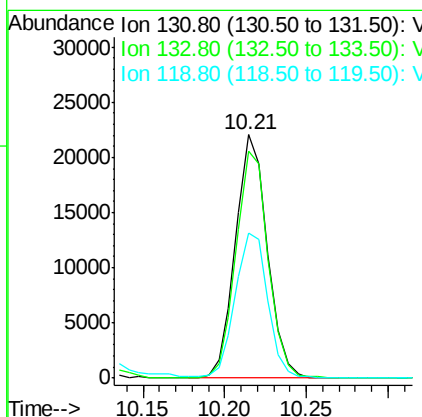
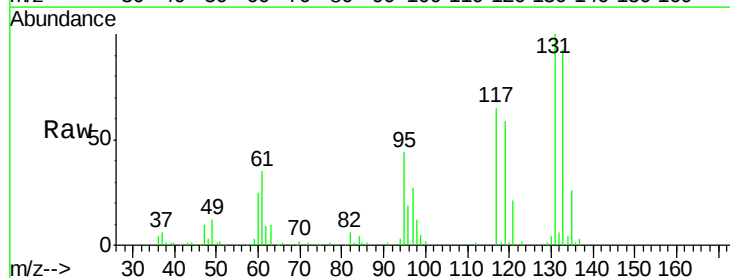
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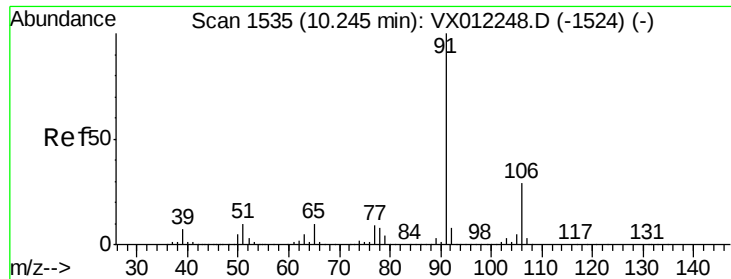
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.280 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion:131 Resp: 29965
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 61.2 31.6 95.0





#67

Ethyl Benzene

Concen: 20.145 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 91 Resp: 147721

Ion Ratio Lower Upper

91 100

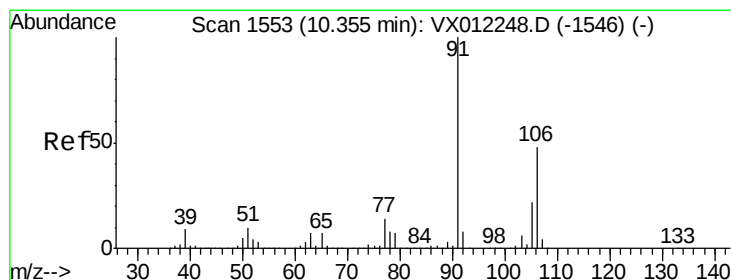
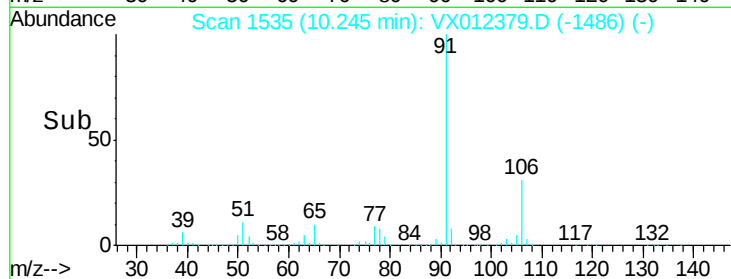
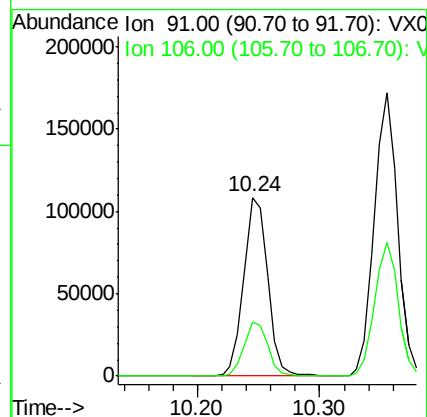
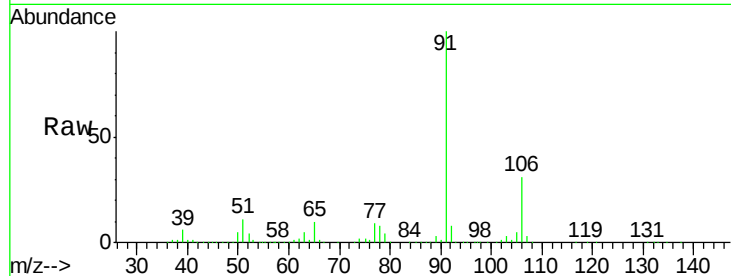
106 30.7 23.1 34.7

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#68

m/p-Xylenes

Concen: 40.768 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012379.D

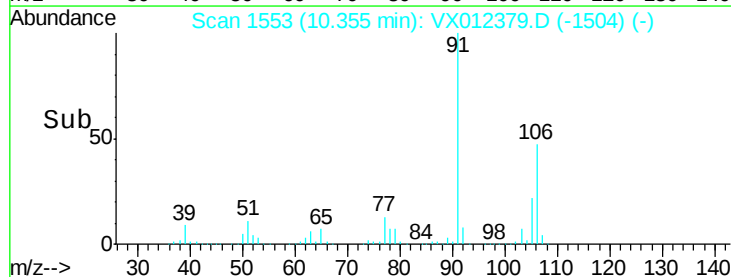
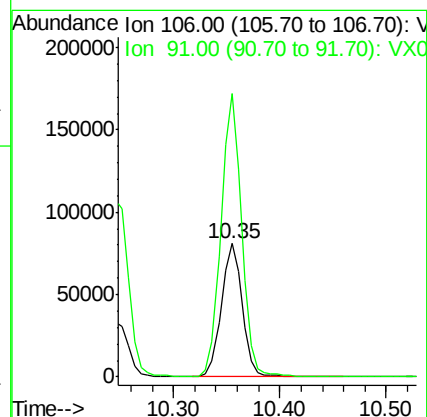
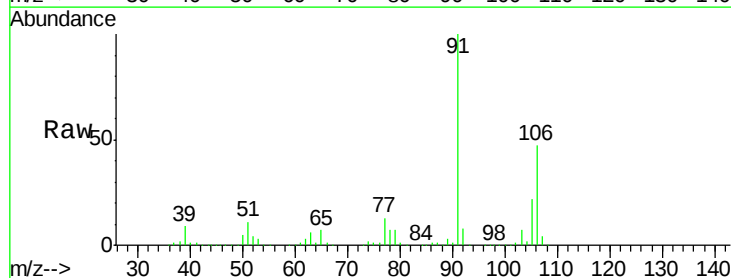
Acq: 13 Sep 2019 11:43

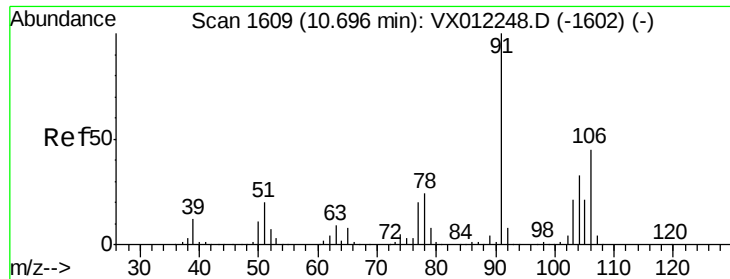
Tgt Ion: 106 Resp: 110047

Ion Ratio Lower Upper

106 100

91 209.4 167.0 250.6





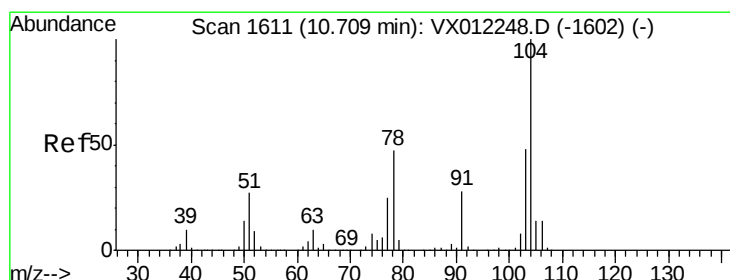
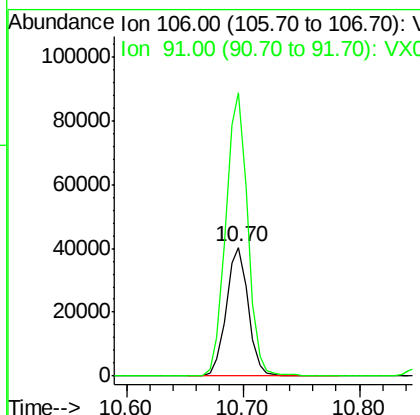
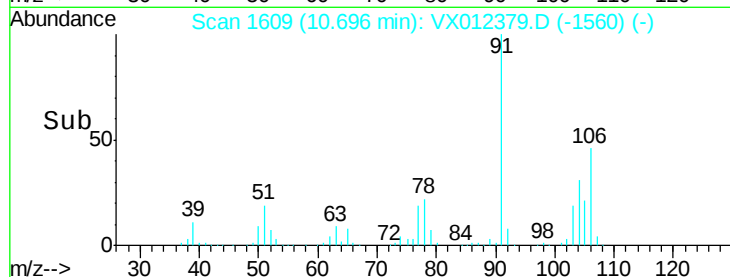
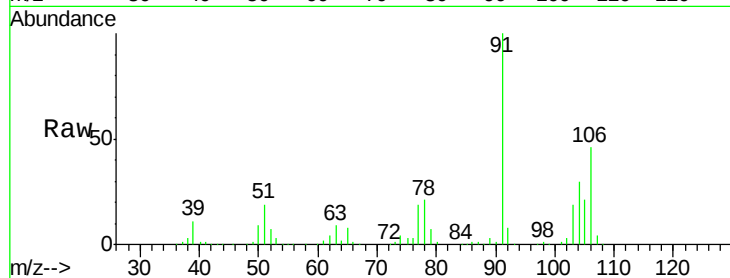
#69
o-Xylene
Concen: 19.908 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion:106 Resp: 52643
Ion Ratio Lower Upper
106 100
91 219.5 110.5 331.4

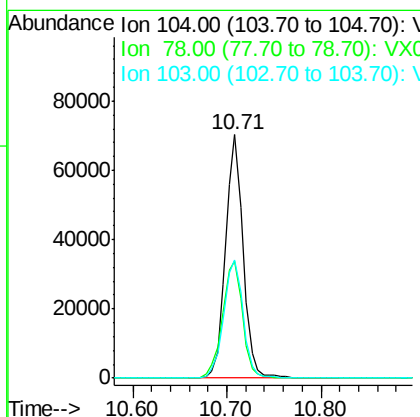
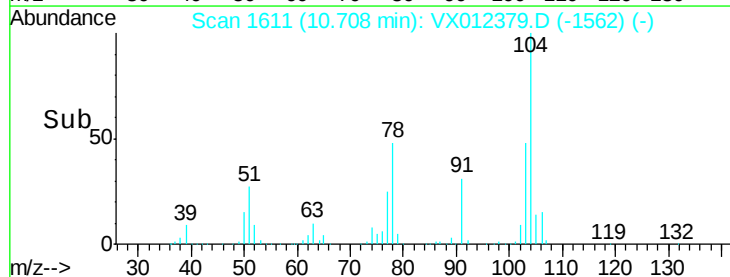
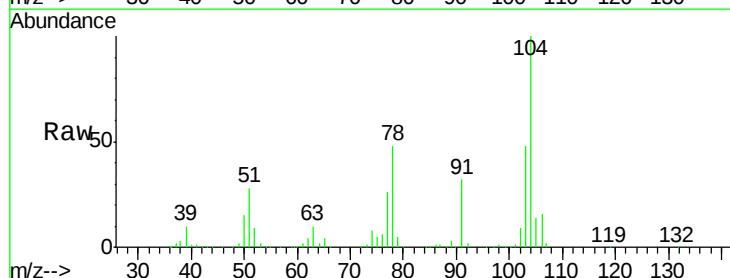
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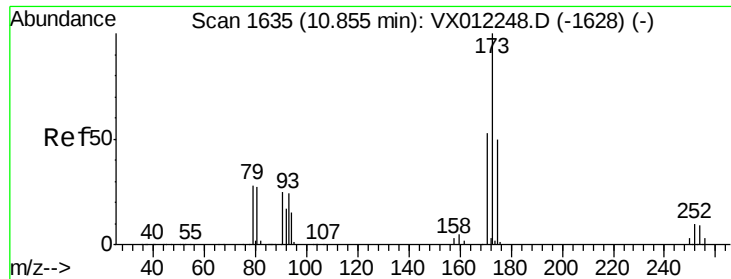
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#70
Styrene
Concen: 19.305 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion:104 Resp: 90534
Ion Ratio Lower Upper
104 100
78 55.0 44.2 66.2
103 54.2 42.5 63.7





#71

Bromoform

Concen: 16.251 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion:173 Resp: 13097

Ion Ratio Lower Upper

173 100

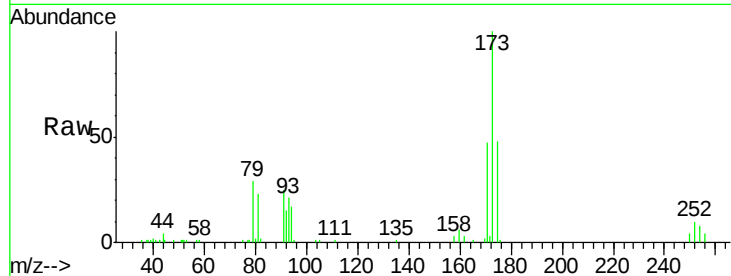
175 46.9 24.5 73.5

254 0.0 0.2 0.4#

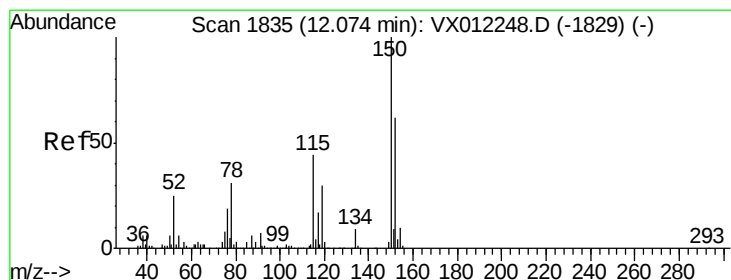
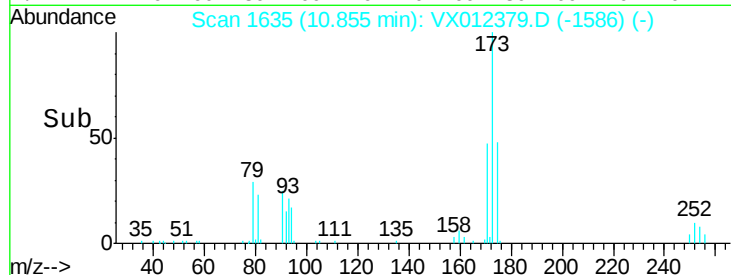
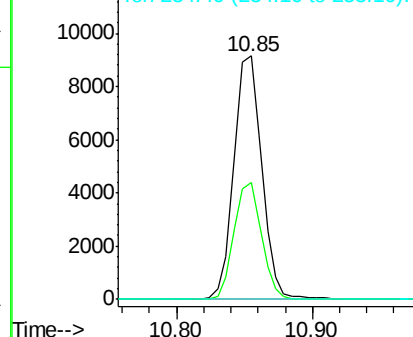
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

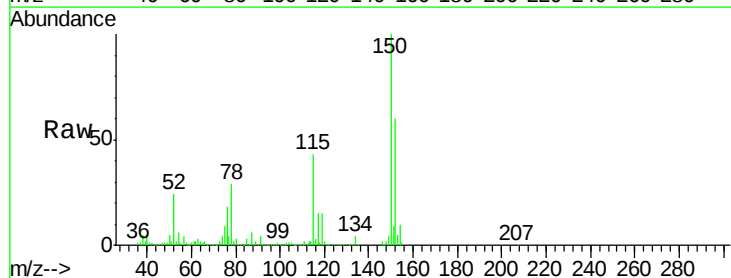
Tgt Ion:152 Resp: 112827

Ion Ratio Lower Upper

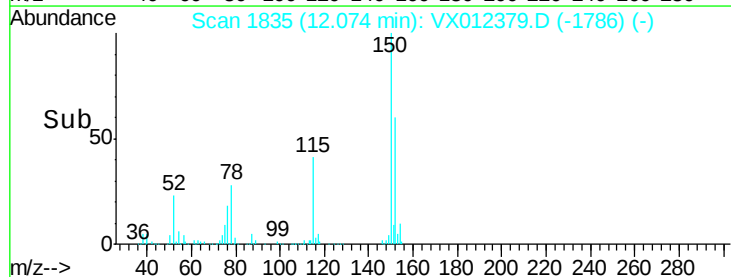
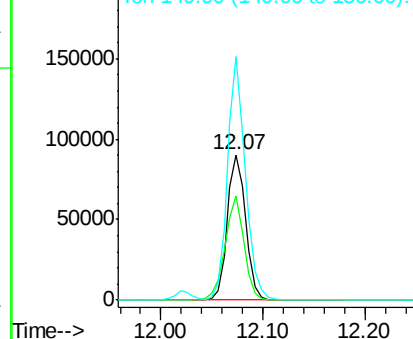
152 100

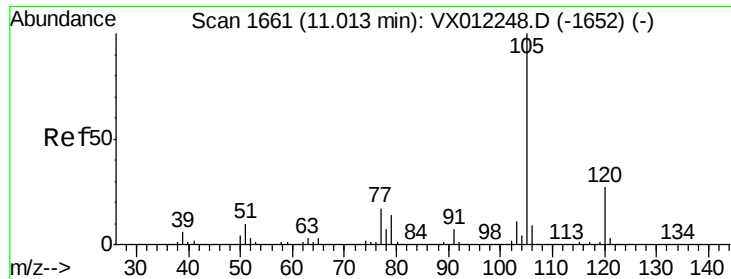
115 74.4 45.5 136.4

150 162.3 0.0 346.4



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: 20.276 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS02

Tot Ion: 105 Resp: 150604

Ion Ratio Lower Upper

105 100

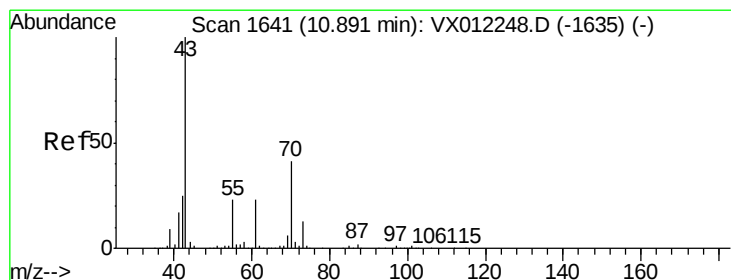
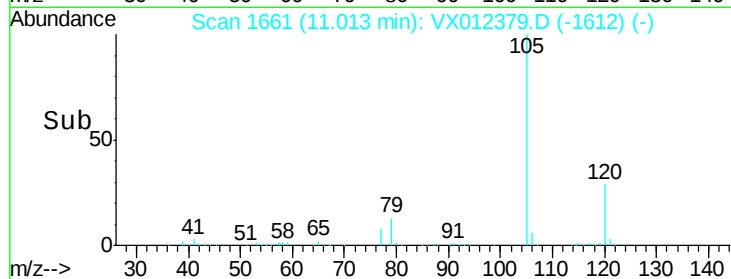
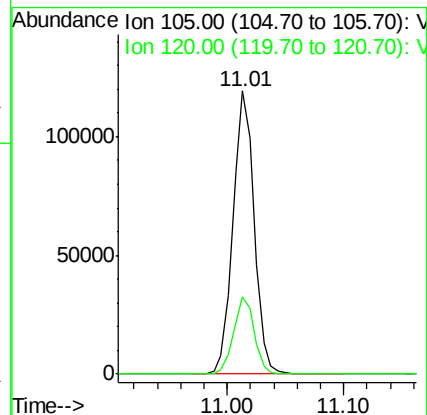
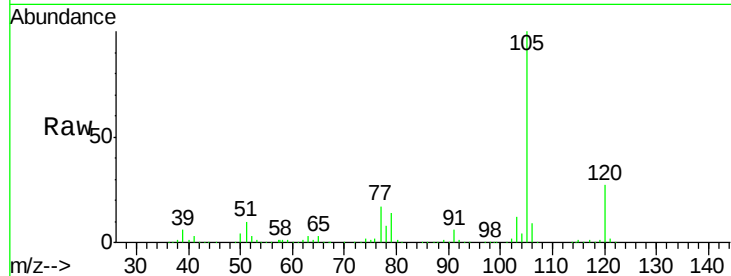
120 26.8 13.2 39.5

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#74

N-ethyl acetate

Concen: 15.725 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion: 43 Resp: 34729

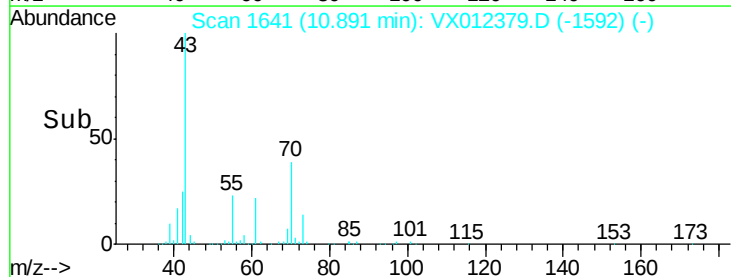
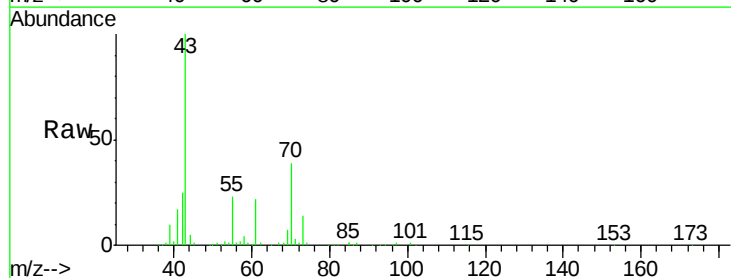
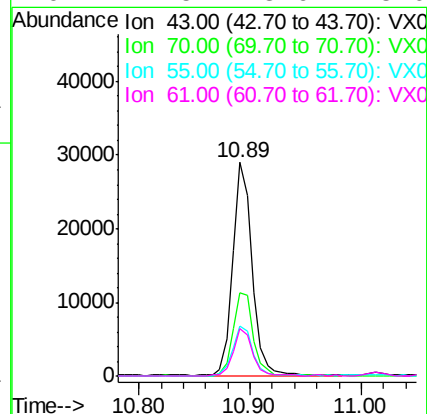
Ion Ratio Lower Upper

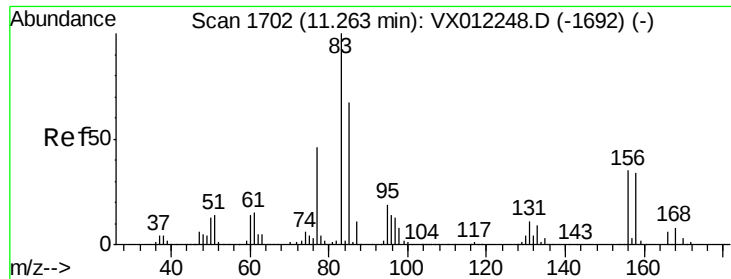
43 100

70 40.8 32.9 49.3

55 24.9 19.1 28.7

61 22.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.603 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

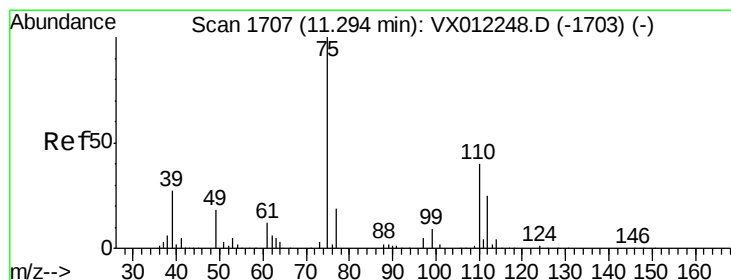
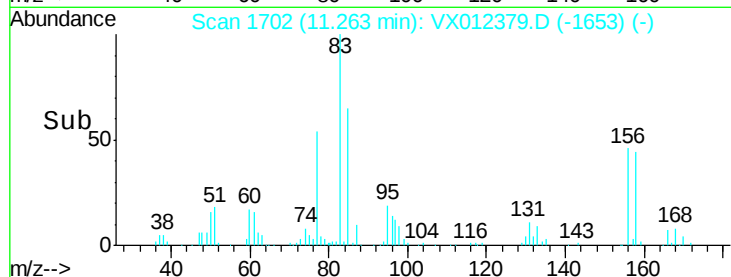
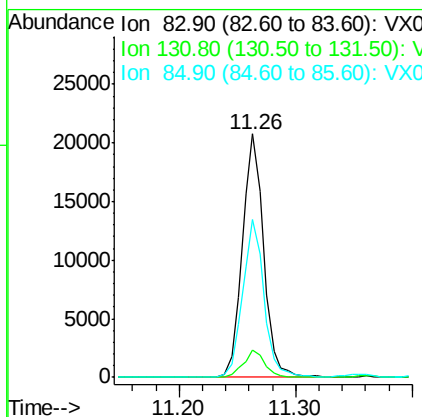
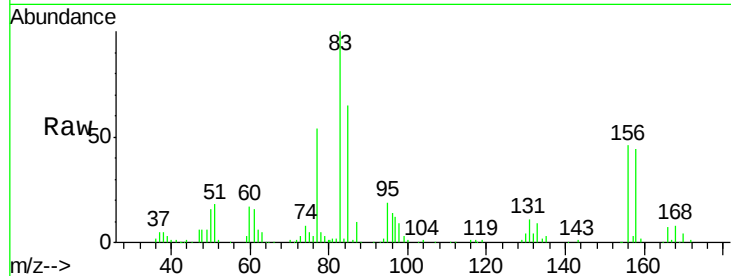
ClientSampleId :

VX0913SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	26485		
131	11.3		5.5	16.4
85	65.5		32.8	98.4

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#76

1,2,3-Trichloropropane

Concen: 16.939 ug/l m

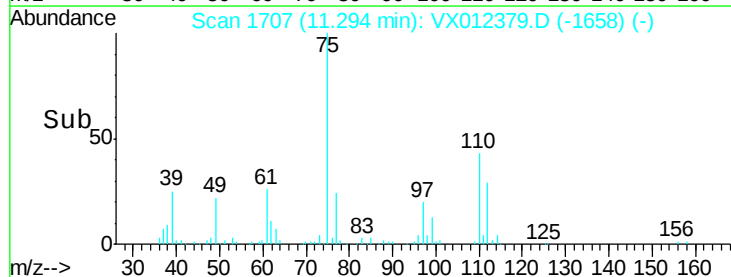
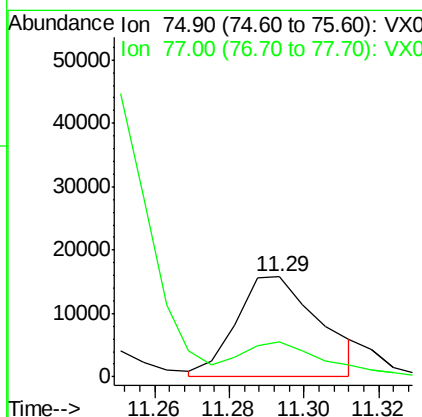
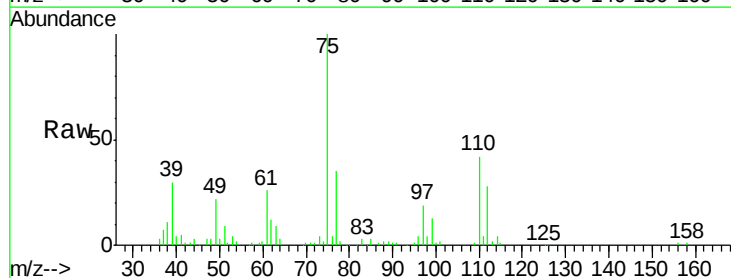
RT: 11.29 min Scan# 1707

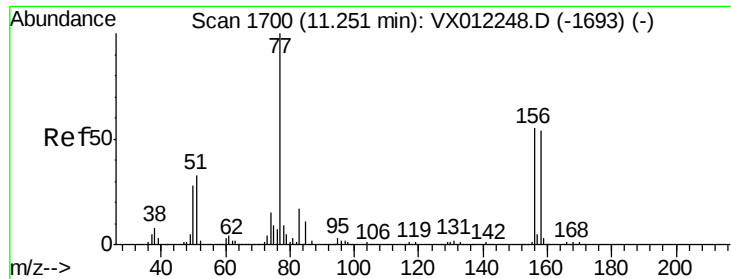
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24552		
77	35.8		19.7	59.0





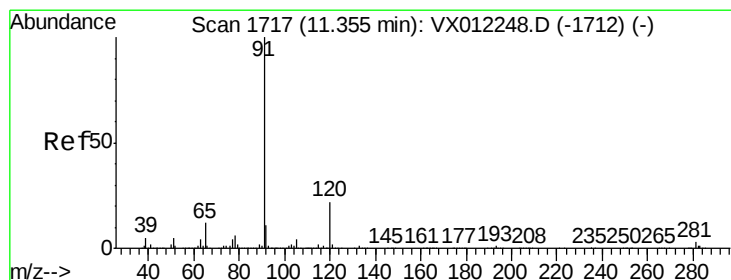
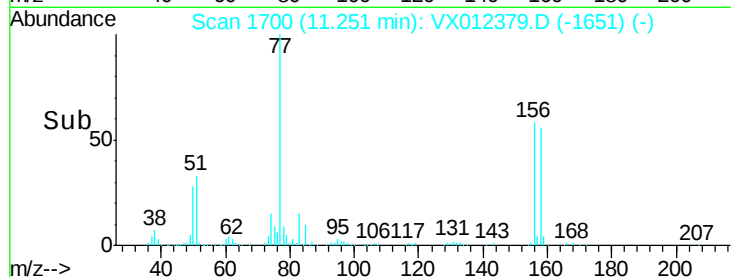
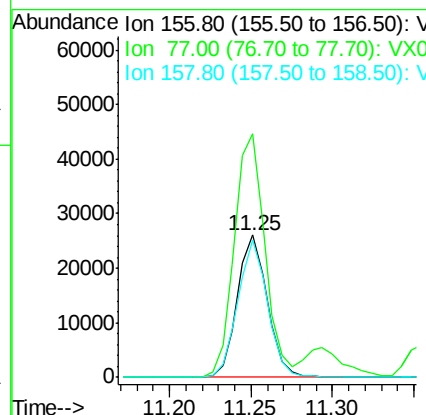
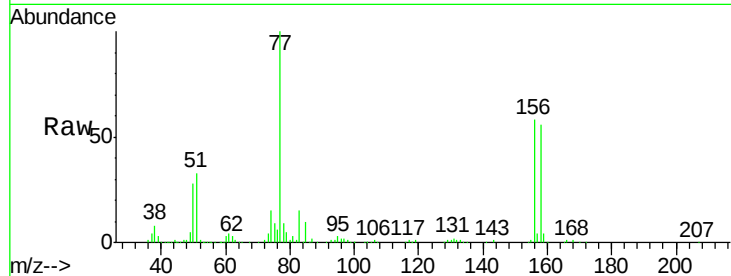
#77
Bromobenzene
Concen: 19.458 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	174.8	92.2	276.6	
158	96.4	48.8	146.3	

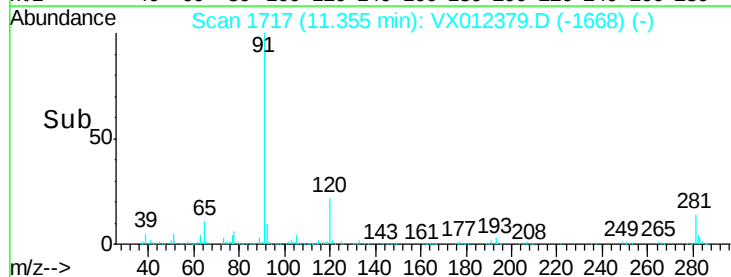
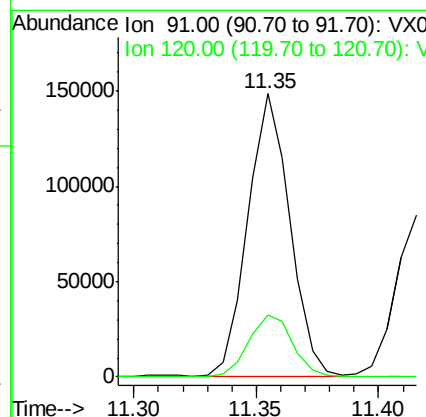
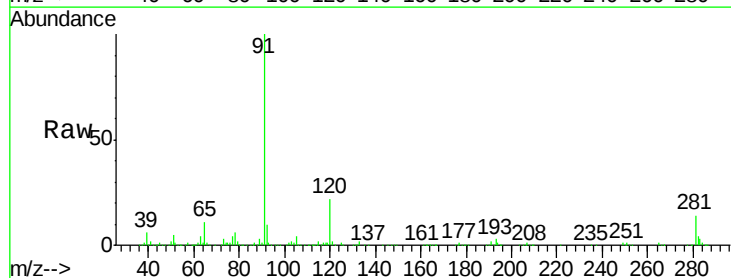
Manual Integrations
APPROVED

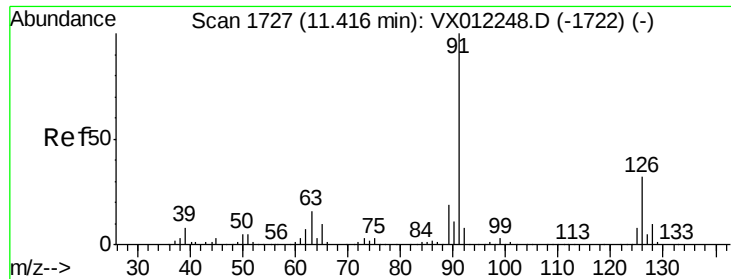
MMDadoda
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#78
n-propylbenzene
Concen: 19.697 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.2	33.6	





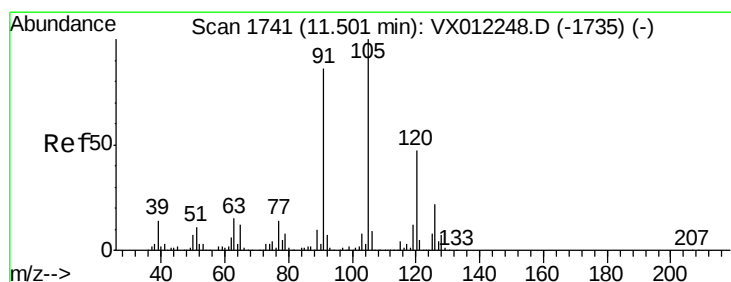
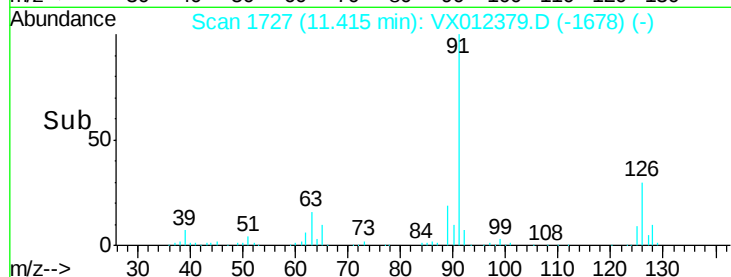
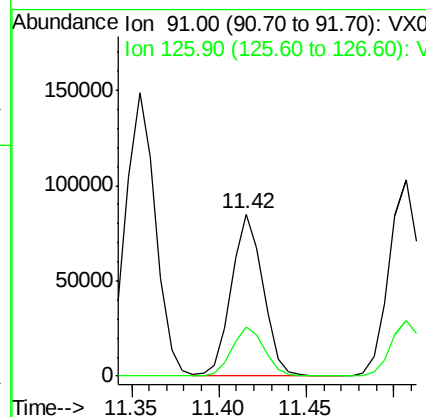
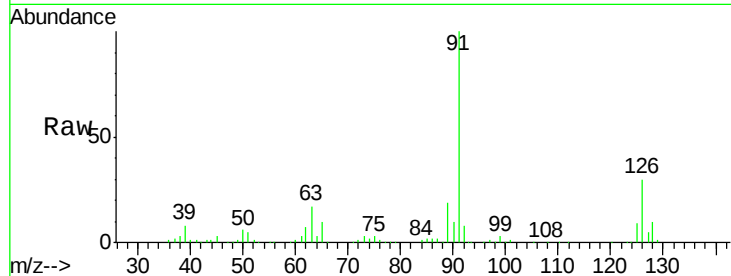
#79
2-Chlorotoluene
Concen: 19.154 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion: 91 Resp: 106443
Ion Ratio Lower Upper
91 100
126 31.2 15.9 47.7

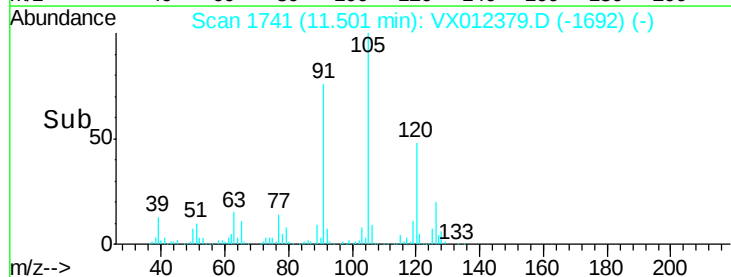
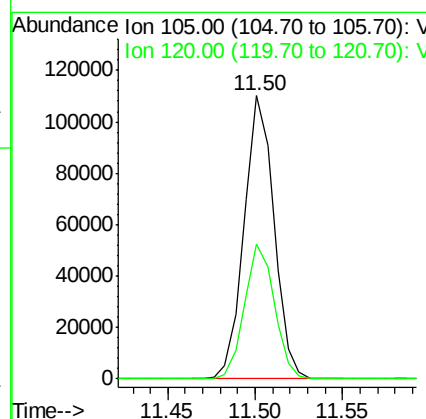
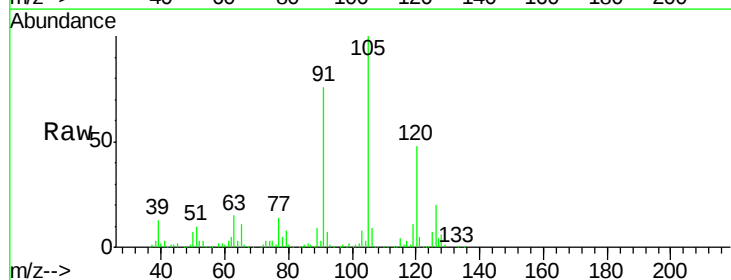
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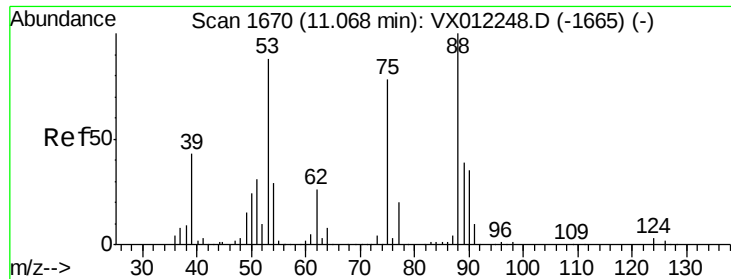
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 19.653 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion: 105 Resp: 131274
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 13.238 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

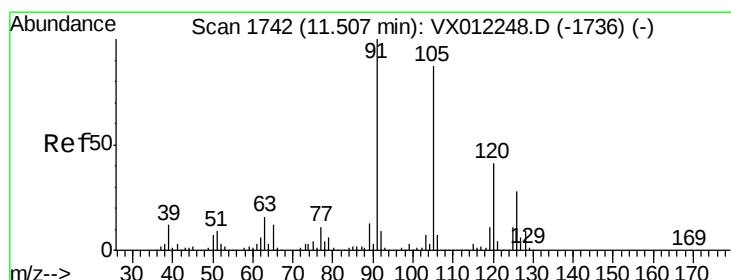
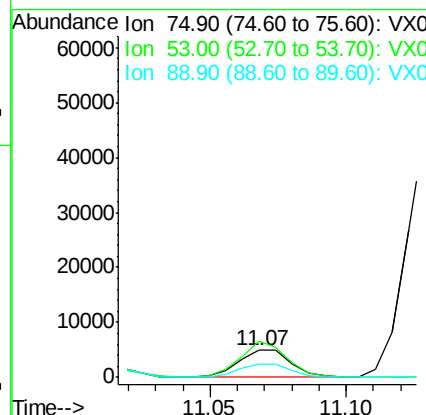
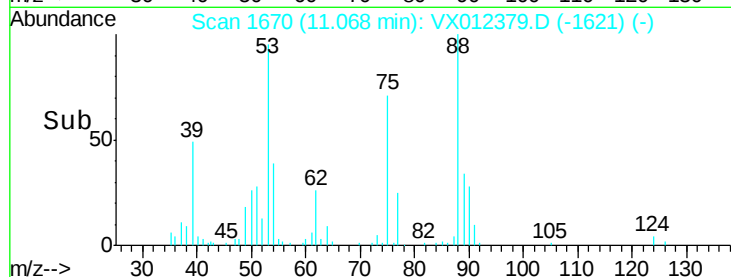
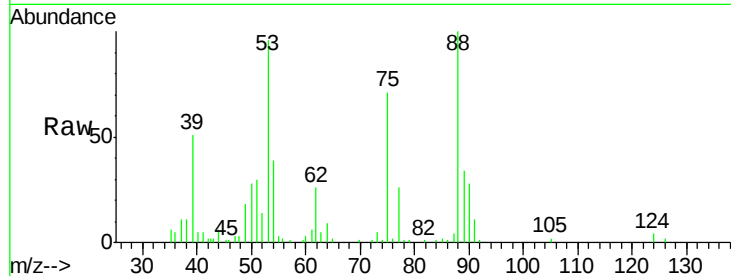
ClientSampleId :

VX0913SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	127.4	88.1	132.1
89	48.4	43.5	65.3

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#82

4-Chlorotoluene

Concen: 19.134 ug/l

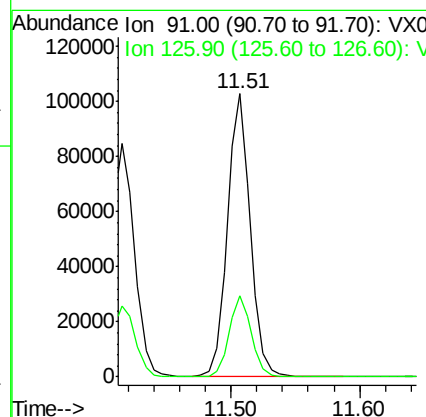
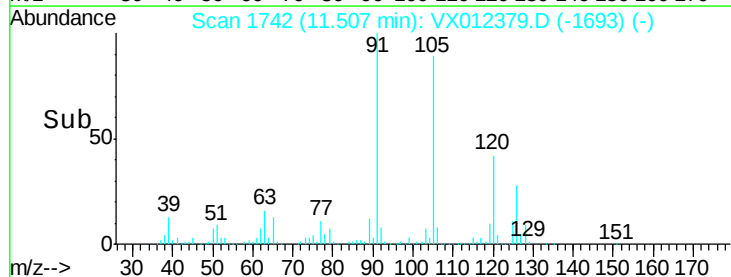
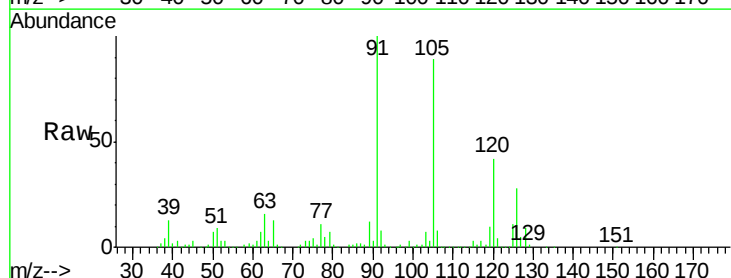
RT: 11.51 min Scan# 1742

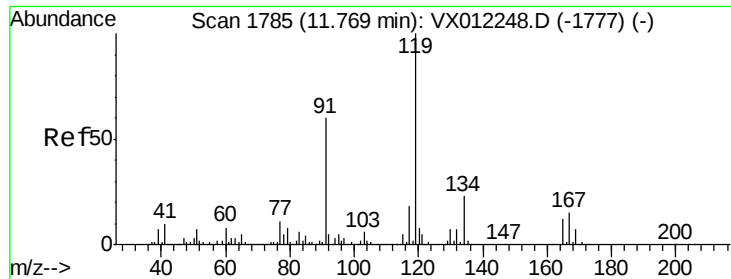
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	14.0	42.0





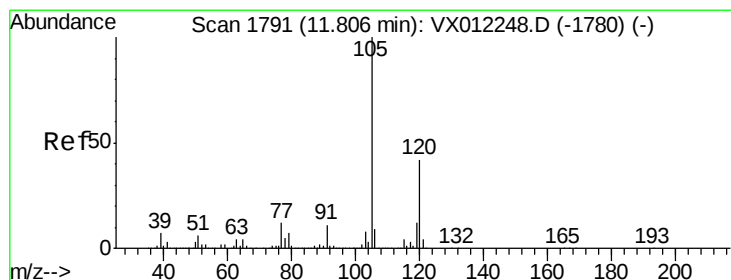
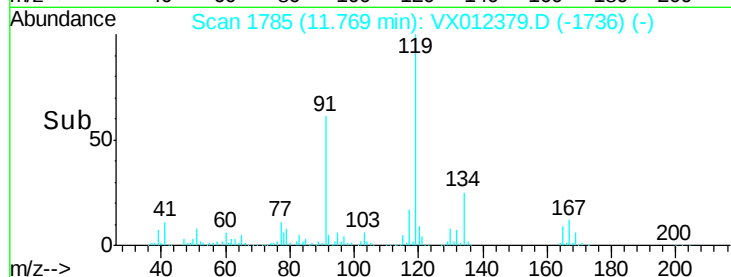
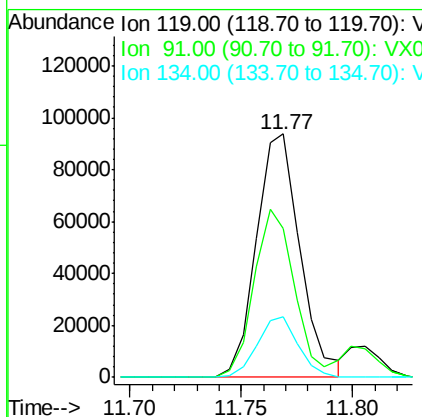
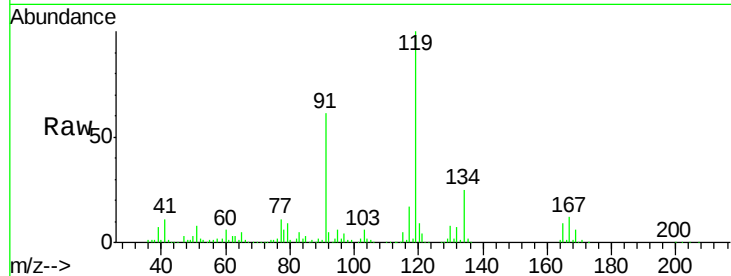
#83
 tert-Butylbenzene
 Concen: 19.716 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	127881		
91	63.7	30.9	92.8	
134	23.3	11.2	33.6	

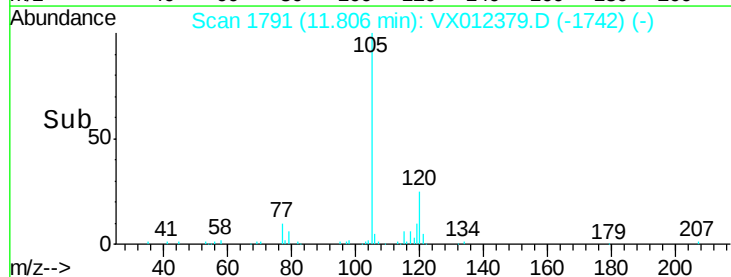
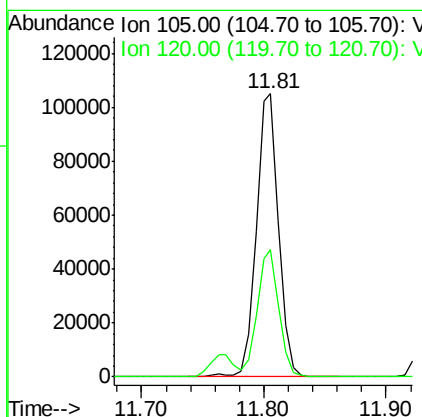
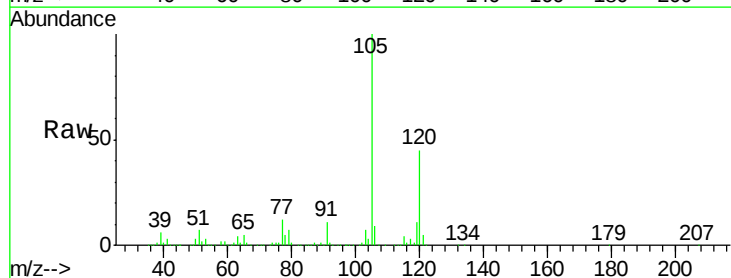
Manual Integrations
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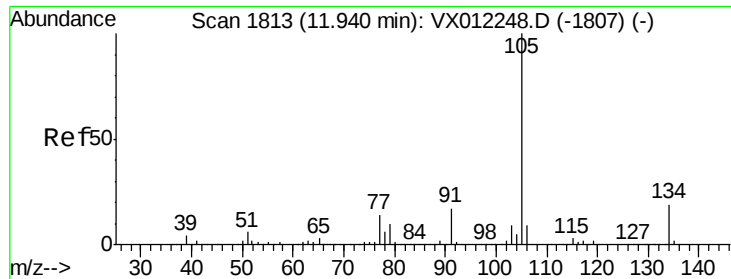
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.302 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	133283		
120	43.4	21.3	63.9	





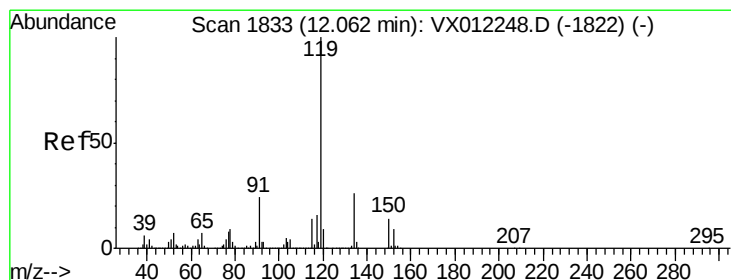
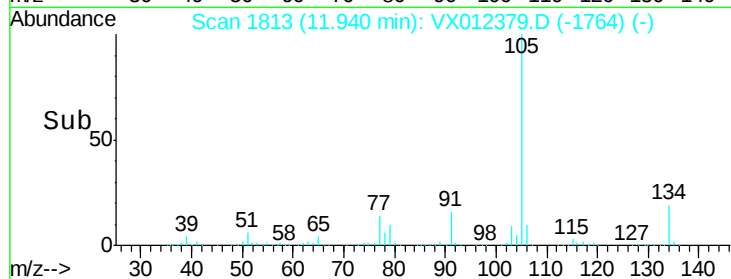
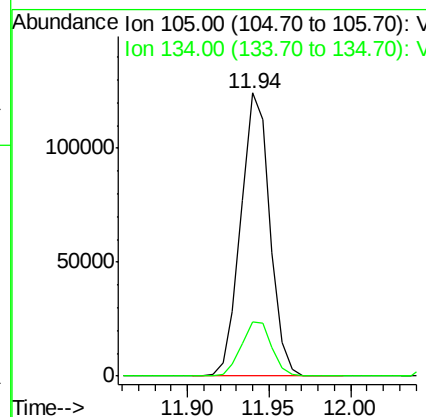
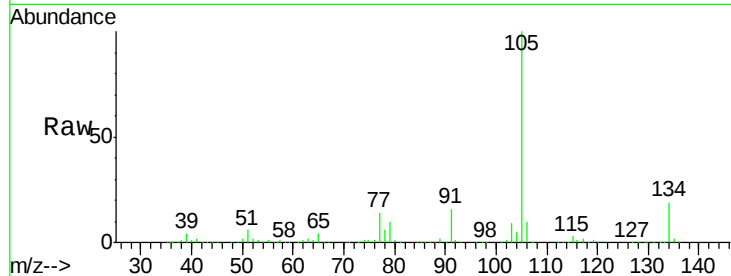
#85
 sec-Butylbenzene
 Concen: 19.896 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0913SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.9	29.7

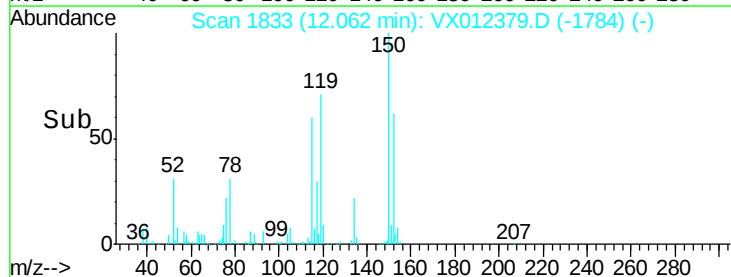
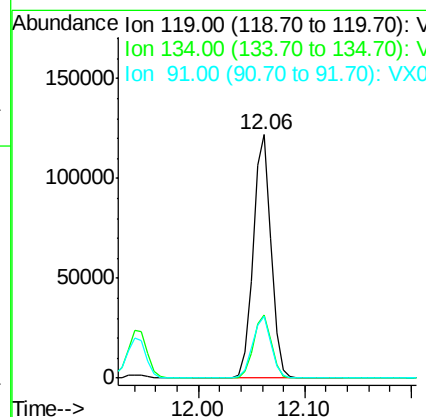
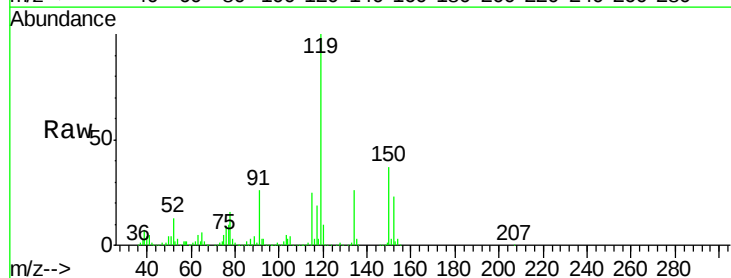
Manual Integrations
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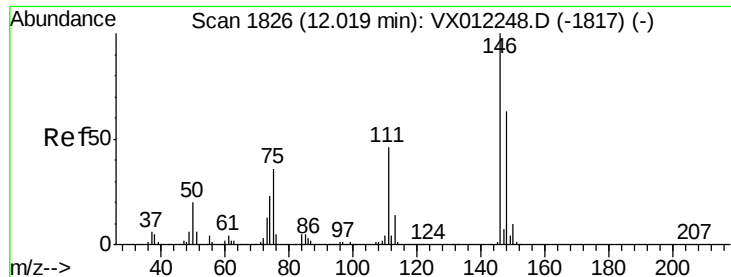
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#86
 p-Isopropyltoluene
 Concen: 20.034 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	26.3	13.1	39.1





#87

1,3-Dichlorobenzene

Concen: 19.397 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

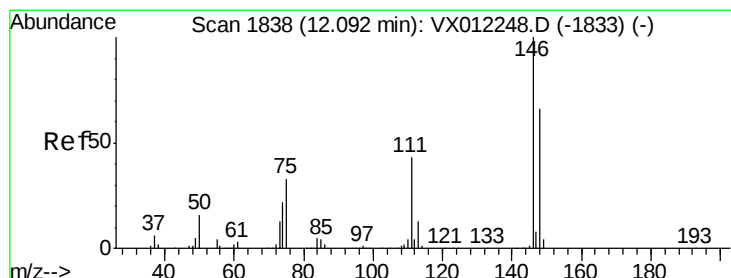
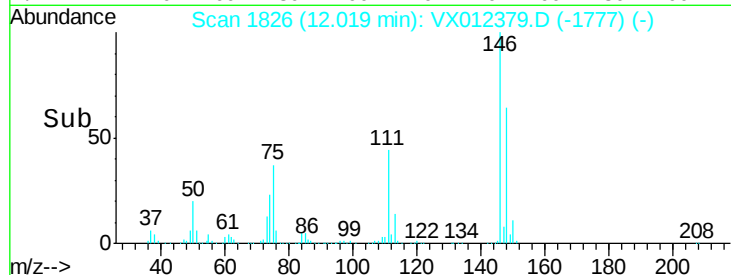
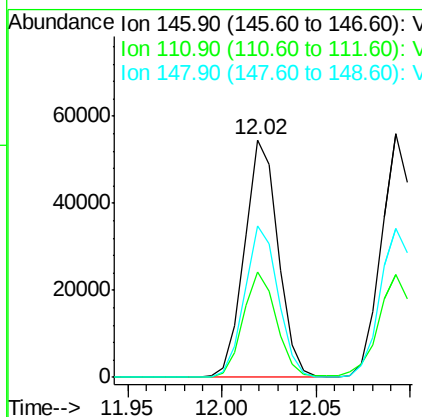
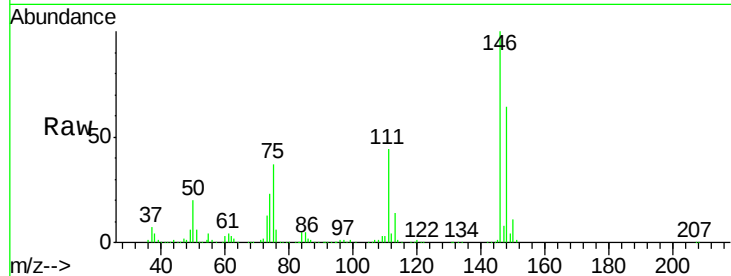
ClientSampleId :

VX0913SBS02

Tot Ion:	146	Resp:	67573
Ion Ratio	Lower	Upper	
146	100		
111	44.0	22.3	66.8
148	63.8	31.5	94.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.045 ug/l

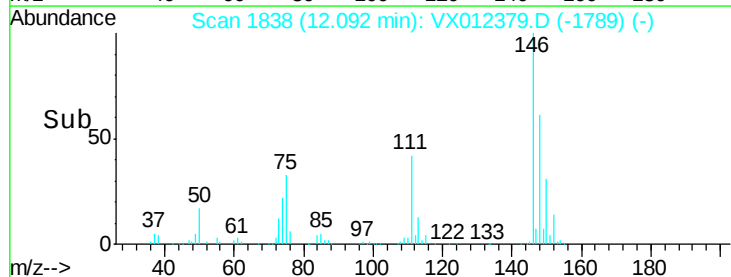
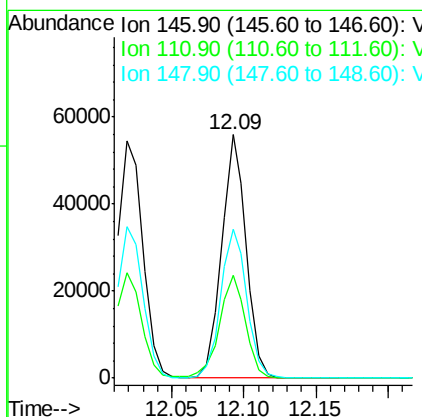
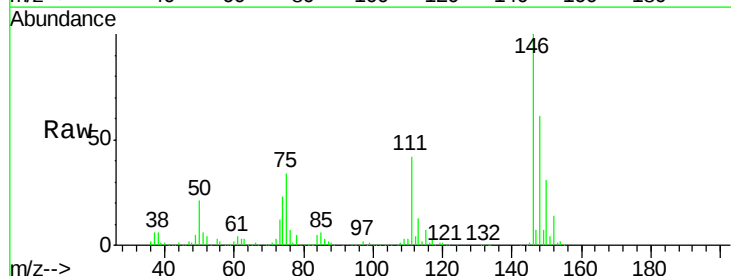
RT: 12.09 min Scan# 1838

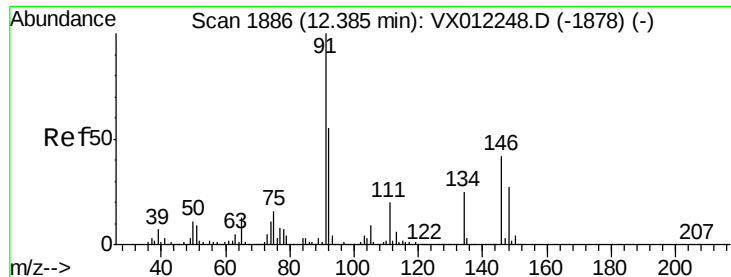
Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion:	146	Resp:	67089
Ion Ratio	Lower	Upper	
146	100		
111	44.9	21.6	64.8
148	65.3	32.4	97.2





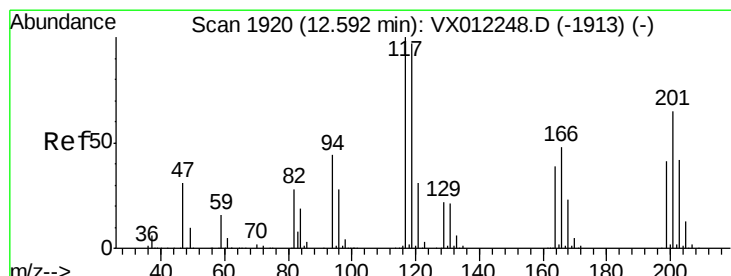
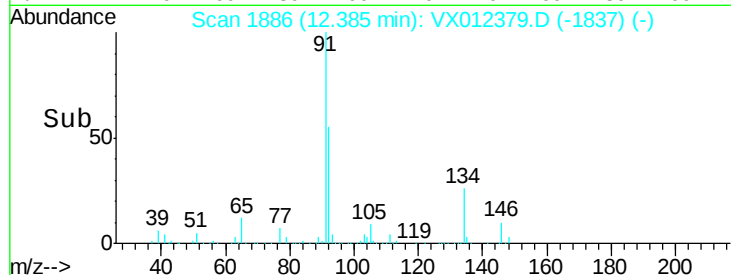
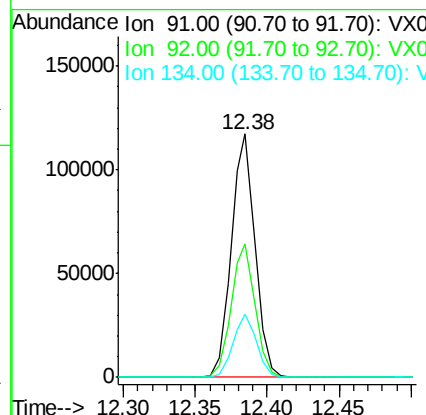
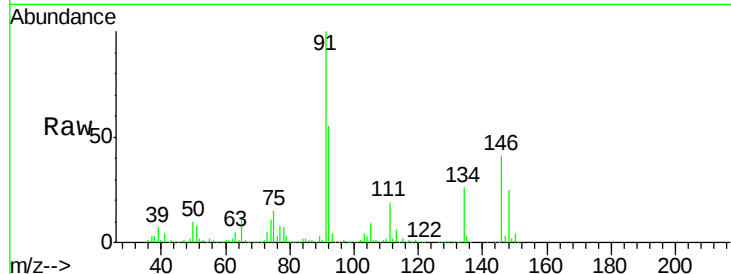
#89
n-Butylbenzene
Concen: 19.461 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	136397		
92	55.0		27.6	82.7
134	25.6		12.5	37.5

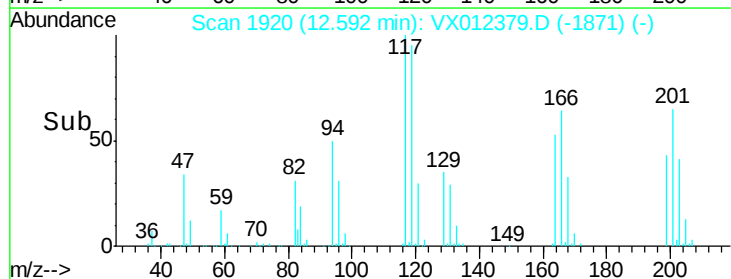
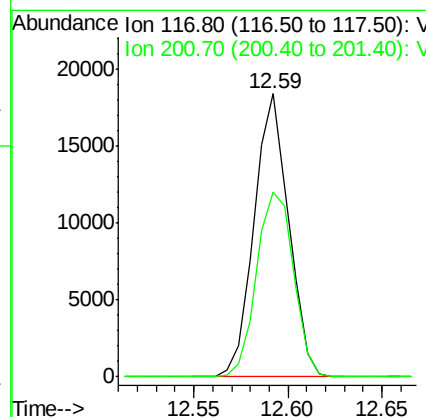
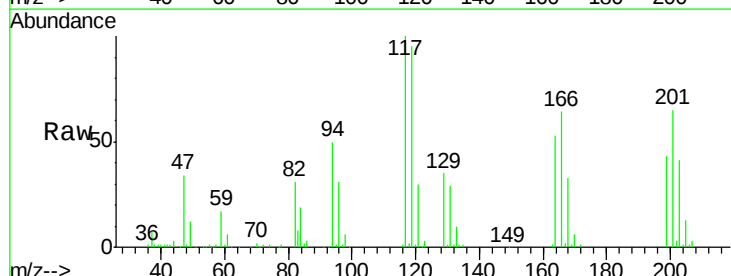
Manual Integrations
APPROVED

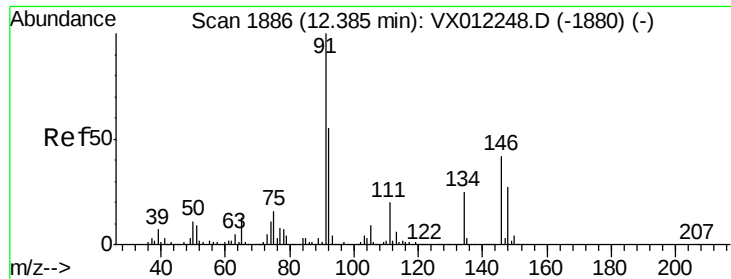
MMDadoda
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#90
Hexachloroethane
Concen: 17.756 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23387		
201	69.8		32.2	96.6





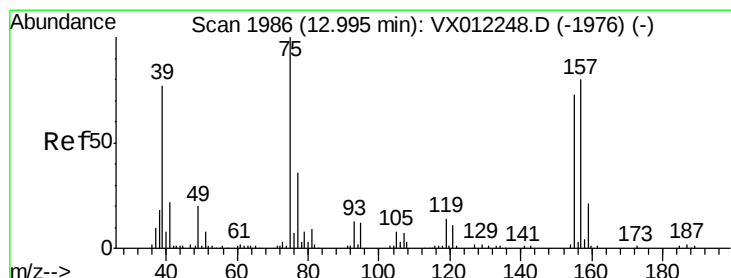
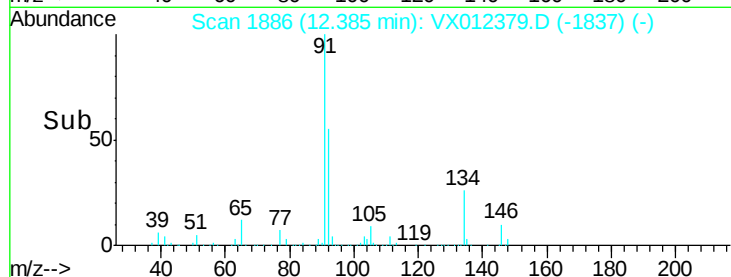
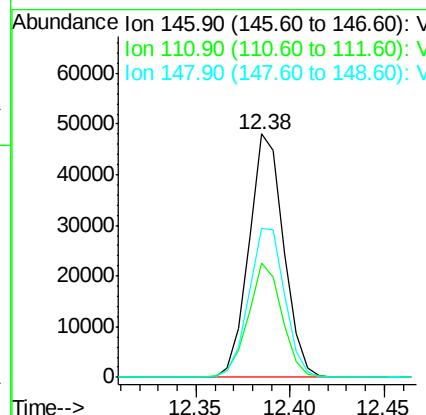
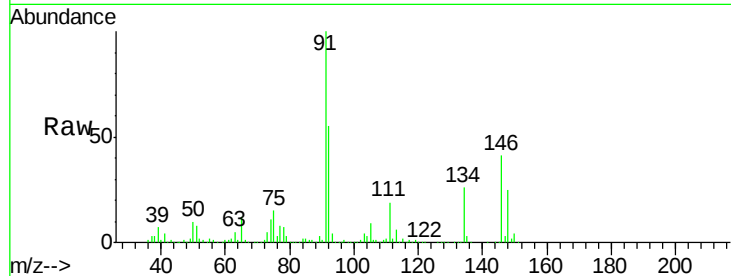
#91
 1,2-Dichlorobenzene
 Concen: 19.072 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	23.2	69.6
148	63.2	32.4	97.0

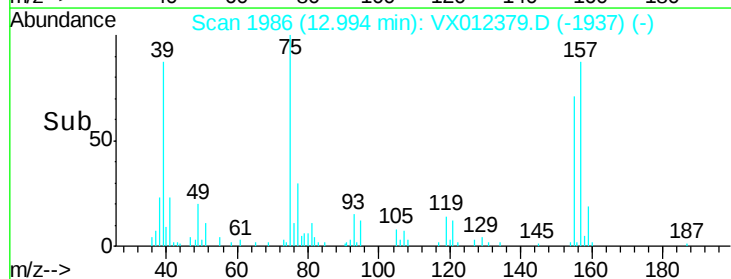
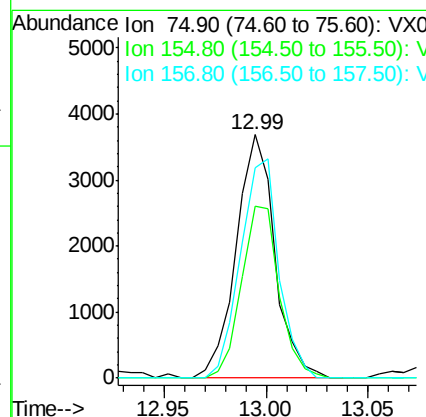
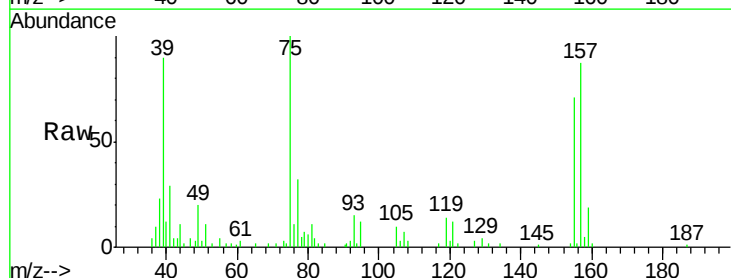
Manual Integrations
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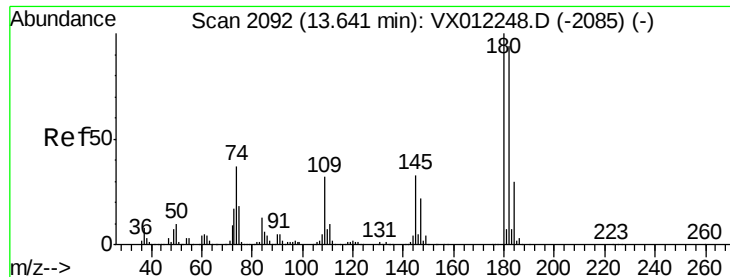
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.794 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	35.3	105.7
157	89.9	43.2	129.6





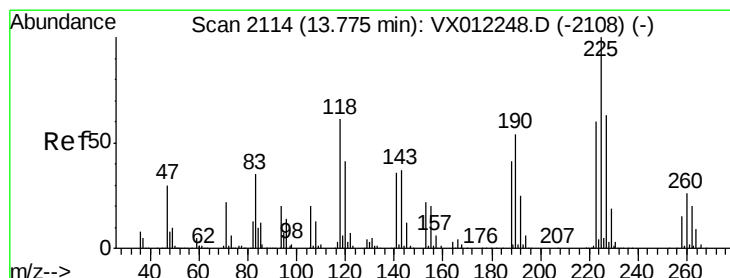
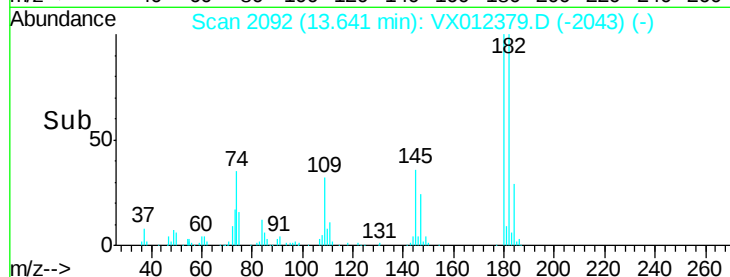
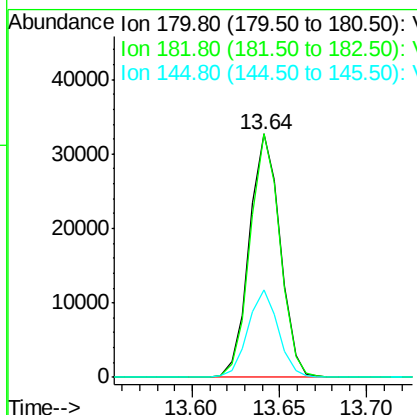
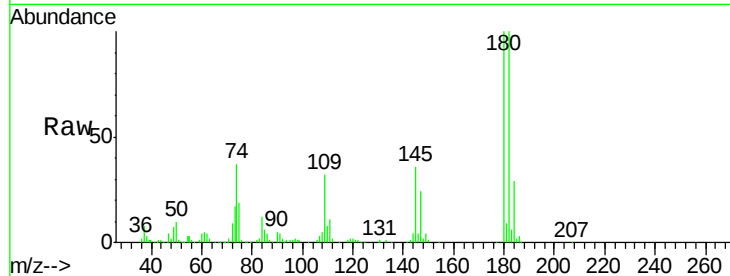
#93
 1,2,4-Trichlorobenzene
 Concen: 17.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	39994		
182	97.0	46.9	140.8	
145	35.2	17.1	51.2	

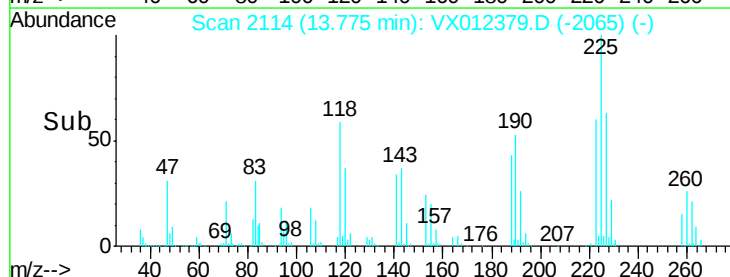
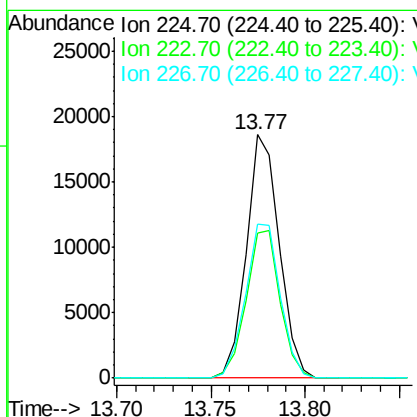
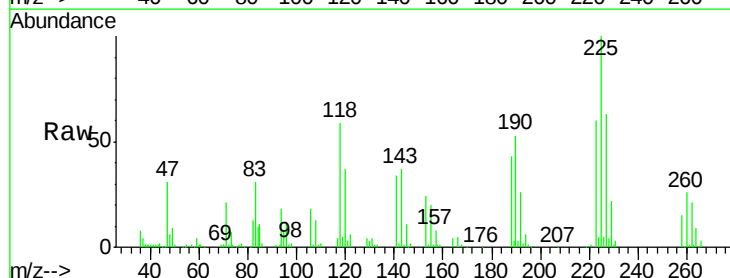
Manual Integrations
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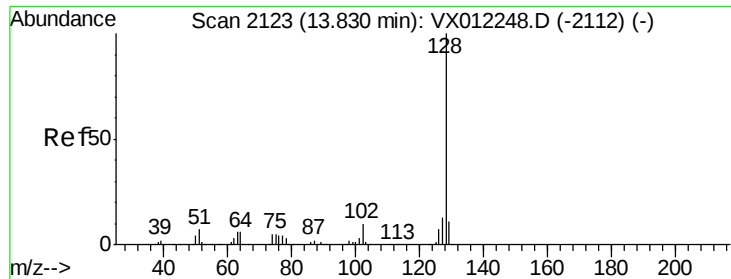
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#94
 Hexachlorobutadiene
 Concen: 20.348 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22527		
223	62.6	32.1	96.5	
227	66.6	32.5	97.5	





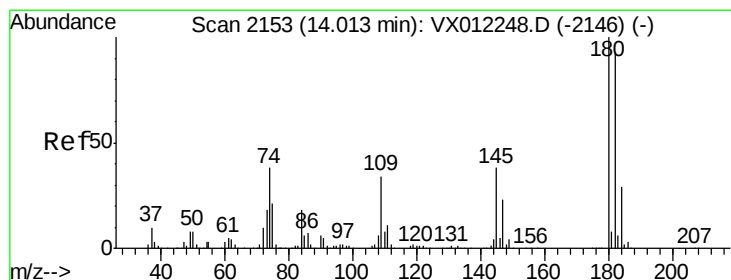
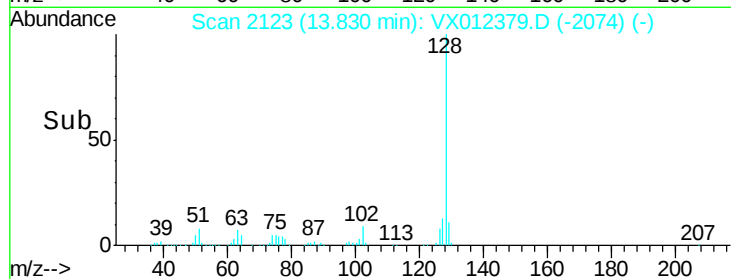
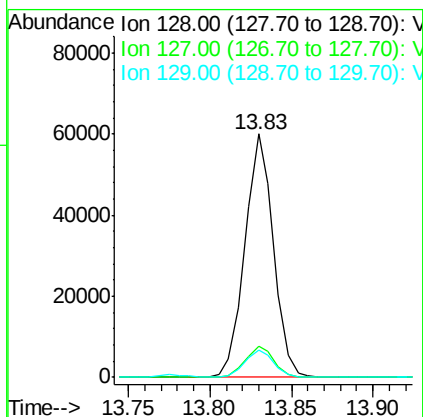
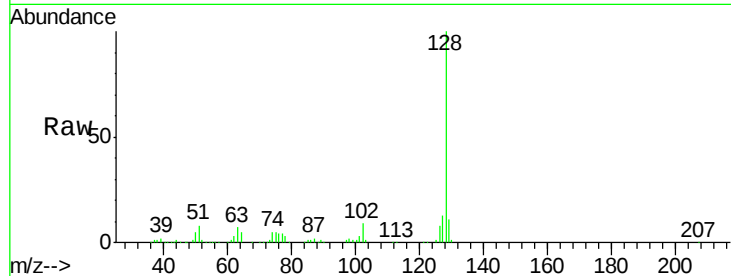
#95
Naphthalene
Concen: 15.306 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.2	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.306 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.0	141.0
145	36.0	18.6	55.8

