

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012193.D
 Acq On : 08 Sep 2019 00:41
 Operator : SY/SP
 Sample : VX0907SBSD02
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 9:19:25 AM

Quant Time: Sep 08 08:07:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	106192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	201401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	191342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	90030	61.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.88%	
35) Dibromofluoromethane	5.48	113	69994	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
50) Toluene-d8	8.71	98	253951	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
62) 4-Bromofluorobenzene	11.14	95	115043	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	18211	18.597	ug/l	99
3) Chloromethane	1.31	50	19378	19.322	ug/l	98
4) Vinyl Chloride	1.40	62	17537	18.586	ug/l	100
5) Bromomethane	1.62	94	9683	20.687	ug/l	95
6) Chloroethane	1.70	64	11349	19.348	ug/l	97
7) Trichlorofluoromethane	1.91	101	28828	19.671	ug/l	96
8) Diethyl Ether	2.17	74	11702	23.106	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20199	18.608	ug/l #	83
10) Methyl Iodide	2.50	142	13392	17.471	ug/l	90
11) Tert butyl alcohol	3.04	59	16699	118.654	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	18779	17.959	ug/l	87
13) Acrolein	2.28	56	5041	126.571	ug/l	93
14) Allyl chloride	2.72	41	37691	19.920	ug/l	98
15) Acrylonitrile	3.13	53	37450	117.678	ug/l	97
16) Acetone	2.43	43	32506	92.815	ug/l	97
17) Carbon Disulfide	2.56	76	41863	13.699	ug/l	98
18) Methyl Acetate	2.76	43	19414	23.531	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	79332	23.304	ug/l	98
20) Methylene Chloride	2.84	84	29082	20.679	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	23277	18.970	ug/l	90
22) Diisopropyl ether	3.84	45	89600	23.233	ug/l	97
23) Vinyl Acetate	3.80	43	277231	111.125	ug/l	96
24) 1,1-Dichloroethane	3.68	63	48276	21.583	ug/l	97
25) 2-Butanone	4.66	43	49311	110.610	ug/l	92
26) 2,2-Dichloropropane	4.56	77	35423	17.154	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	30729	21.364	ug/l	94
28) Bromochloromethane	5.00	49	21763	24.375	ug/l #	77
29) Tetrahydrofuran	5.11	42	30354	113.008	ug/l	99
30) Chloroform	5.19	83	54766	22.819	ug/l	98
31) Cyclohexane	5.56	56	30057	16.732	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	43337	20.732	ug/l	97
36) 1,1-Dichloropropene	5.78	75	30646	17.277	ug/l	96
37) Ethyl Acetate	4.83	43	22128	22.940	ug/l	99
38) Carbon Tetrachloride	5.77	117	35112	18.785	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	32522	15.797	ug/l	94
40) Benzene	6.13	78	101170	19.867	ug/l	97
41) Methacrylonitrile	5.03	41	13540	23.538	ug/l	96
42) 1,2-Dichloroethane	6.18	62	41732	22.773	ug/l	98
43) Isopropyl Acetate	6.43	43	45160	23.025	ug/l	98
44) Trichloroethene	7.20	130	26461	19.265	ug/l	79
45) 1,2-Dichloropropane	7.51	63	27472	20.881	ug/l	99
46) Dibromomethane	7.65	93	16932	22.046	ug/l #	72
47) Bromodichloromethane	7.89	83	41808	21.415	ug/l	99
48) Methyl methacrylate	7.76	41	21429	21.729	ug/l	97
49) 1,4-Dioxane	7.73	88	6442	479.182	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	116338	116.616	ug/l	98
52) Toluene	8.78	92	67165	20.271	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	40181	19.880	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	43778	19.478	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	24560	22.367	ug/l	98
56) Ethyl methacrylate	9.17	69	33343	21.200	ug/l	93
57) 1,3-Dichloropropane	9.37	76	41496	21.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	77460	109.240	ug/l	92
59) 2-Hexanone	9.48	43	80745	110.923	ug/l	98
60) Dibromochloromethane	9.57	129	28376	21.683	ug/l	99
61) 1,2-Dibromoethane	9.67	107	23338	21.996	ug/l	96
64) Tetrachloroethene	9.33	164	25644	21.497	ug/l	91
65) Chlorobenzene	10.14	112	77097	20.421	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	29423	21.314	ug/l	97
67) Ethyl Benzene	10.25	91	135118	19.635	ug/l	95
68) m/p-Xylenes	10.35	106	100399	39.598	ug/l	90
69) o-Xylene	10.70	106	49527	20.144	ug/l	88
70) Styrene	10.71	104	89271	20.904	ug/l	94
71) Bromoform	10.85	173	15287	20.162	ug/l #	97
73) Isopropylbenzene	11.01	105	135164	18.910	ug/l	97
74) N-amyl acetate	10.89	43	42756	20.232	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	30734	20.626	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	26823m	22.535	ug/l	
77) Bromobenzene	11.25	156	32123	20.095	ug/l	70
78) n-propylbenzene	11.35	91	156491	18.123	ug/l	95
79) 2-Chlorotoluene	11.42	91	102029	19.503	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	121501	19.398	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.07	75	8187	16.261	ug/l	88
82) 4-Chlorotoluene	11.51	91	127087	20.382	ug/l	90
83) tert-Butylbenzene	11.76	119	113727	19.050	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	124414	19.326	ug/l	94
85) sec-Butylbenzene	11.94	105	135413	18.261	ug/l	94
86) p-Isopropyltoluene	12.06	119	126050	18.692	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	64681	20.193	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	64695	20.199	ug/l	94
89) n-Butylbenzene	12.39	91	118024	18.016	ug/l	95
90) Hexachloroethane	12.59	117	24088	17.889	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	61769	21.411	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6310	20.236	ug/l	64

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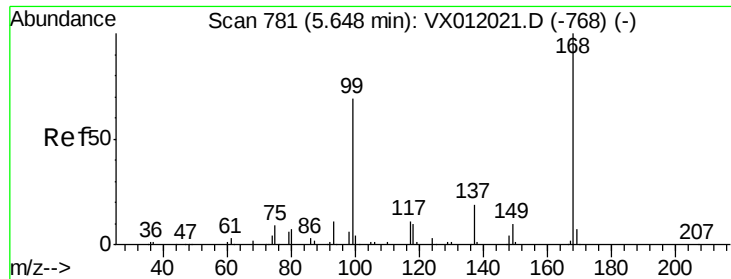
Manual Integrations
APPROVED

MMDadoda
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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	40352	19.652	µg/l	97
94) Hexachlorobutadiene	13.78	225	19833	19.161	µg/l	99
95) Naphthalene	13.83	128	91319	20.549	µg/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	37245	20.617	µg/l	95

(#) = 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: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion:168 Resp: 106192

Ion Ratio Lower Upper

168 100

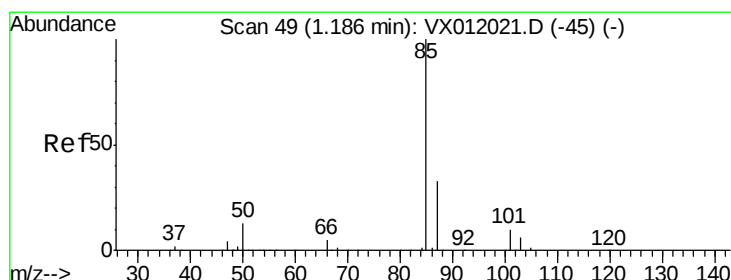
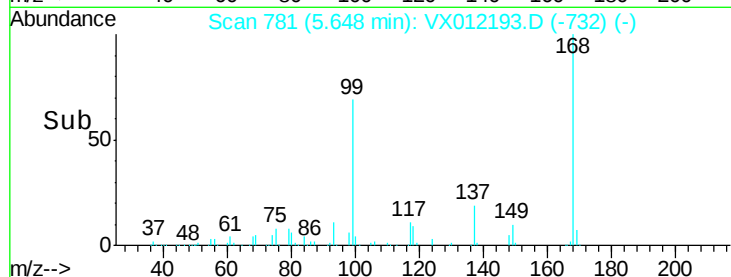
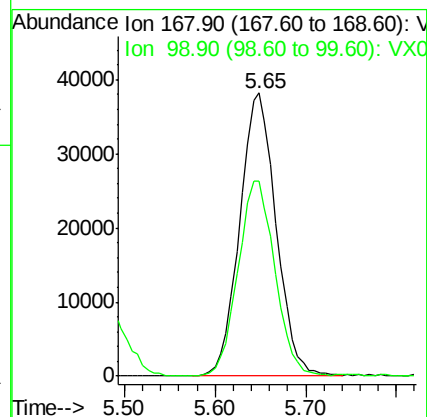
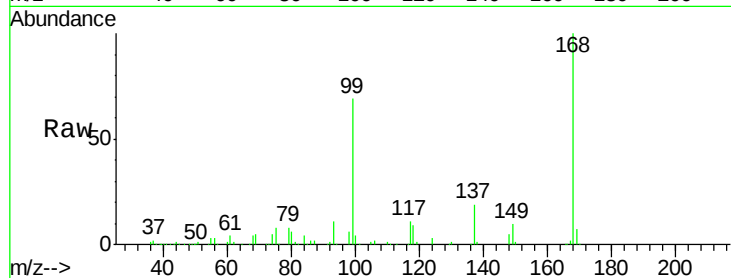
99 68.5 37.6 56.4#

Manual Integrations

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9/9/2019 9:19:25 AM



#2

Dichlorodifluoromethane

Concen: 18.597 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012193.D

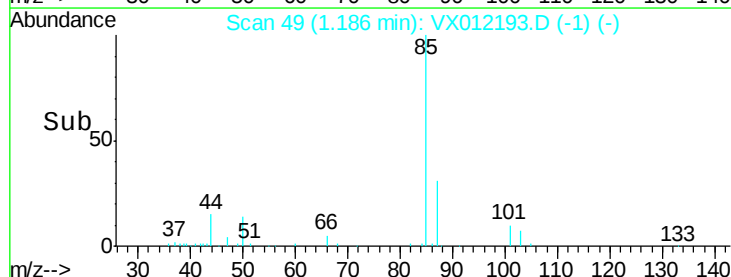
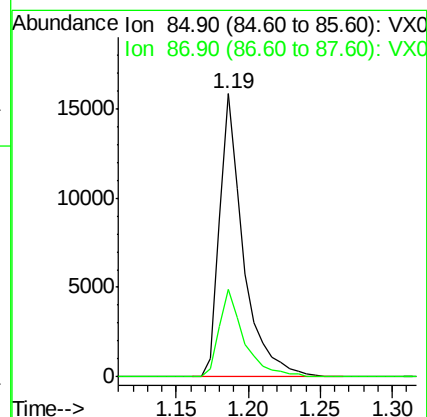
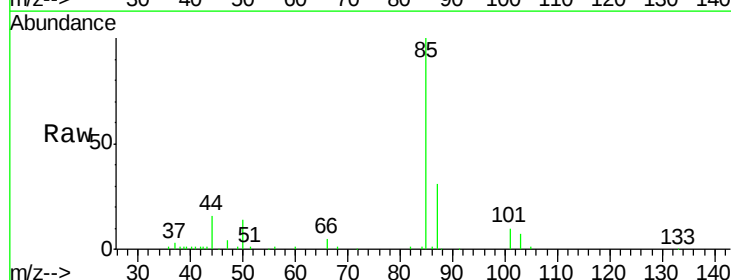
Acq: 08 Sep 2019 00:41

Tgt Ion: 85 Resp: 18211

Ion Ratio Lower Upper

85 100

87 30.8 15.6 46.8





#3

Chloromethane

Concen: 19.322 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS02

Tot Ion: 50 Resp: 19378

Ion Ratio Lower Upper

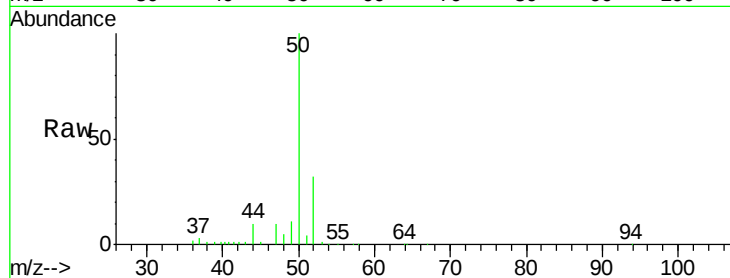
50 100

52 31.7 26.5 39.7

Manual Integrations
APPROVED

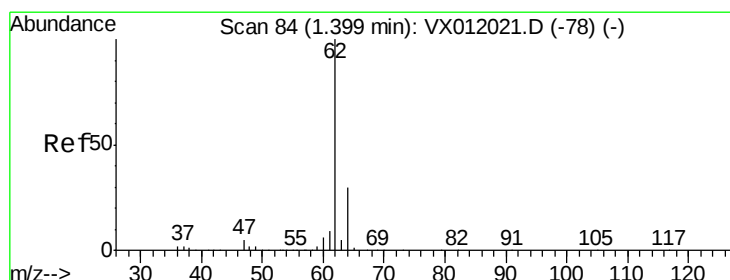
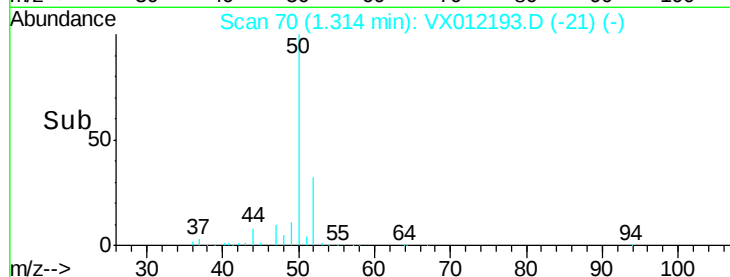
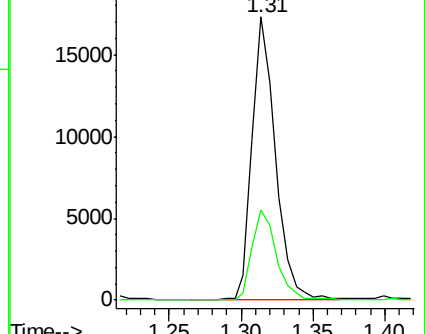
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.586 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012193.D

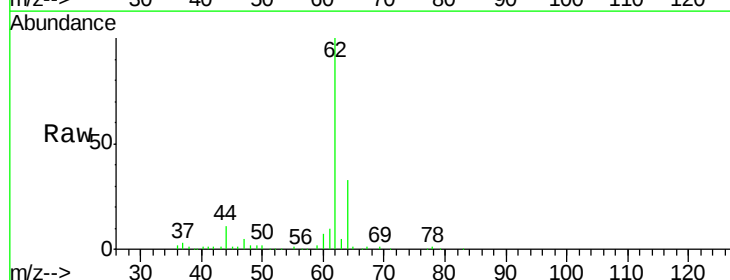
Acq: 08 Sep 2019 00:41

Tgt Ion: 62 Resp: 17537

Ion Ratio Lower Upper

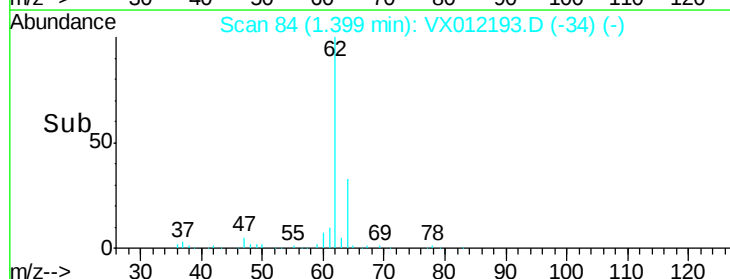
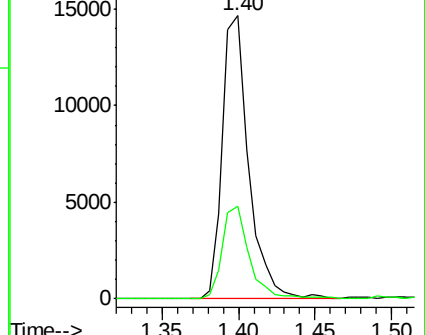
62 100

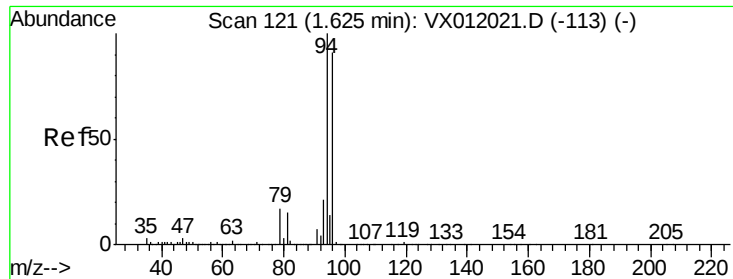
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.687 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 94 Resp: 9683

Ion Ratio Lower Upper

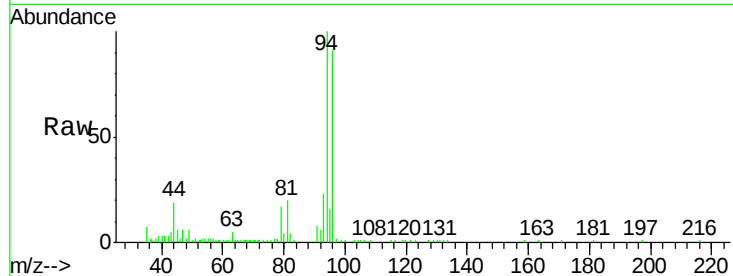
94 100

96 90.8 76.3 114.5

Manual Integrations
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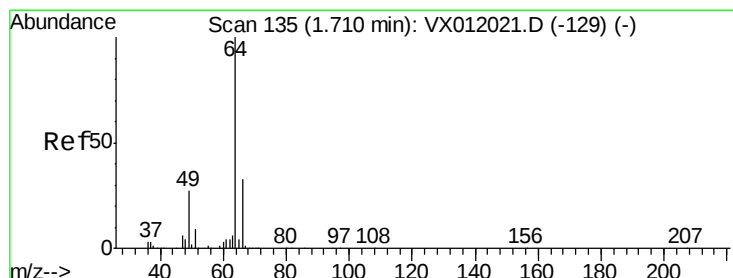
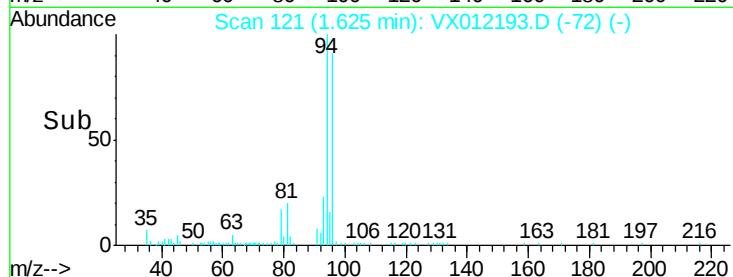
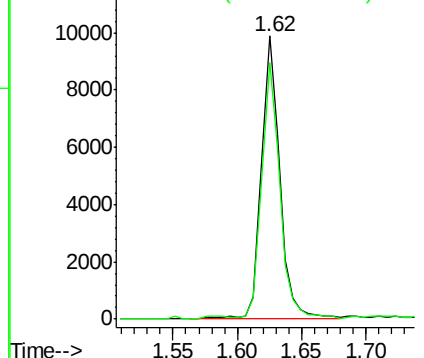
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.348 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012193.D

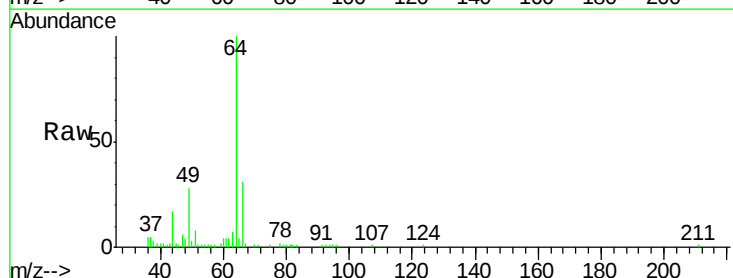
Acq: 08 Sep 2019 00:41

Tgt Ion: 64 Resp: 11349

Ion Ratio Lower Upper

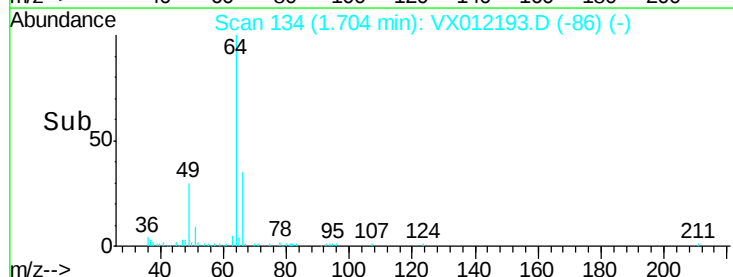
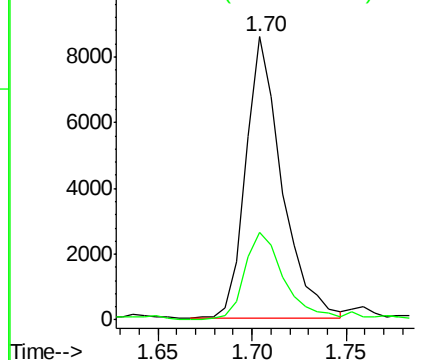
64 100

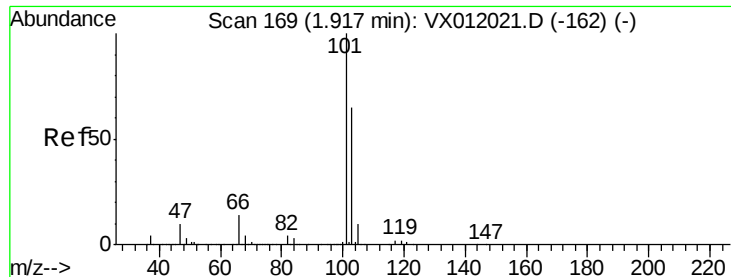
66 31.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

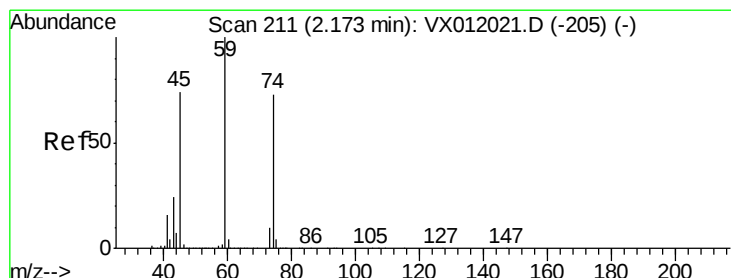
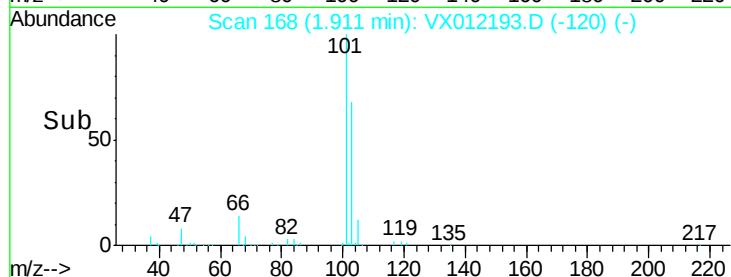
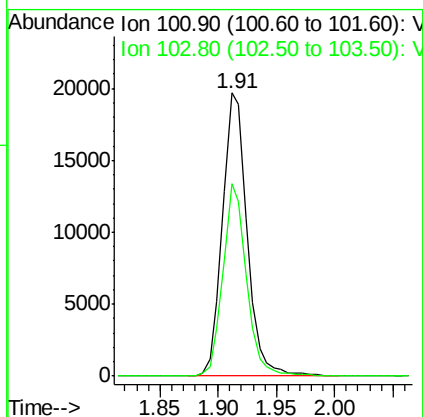
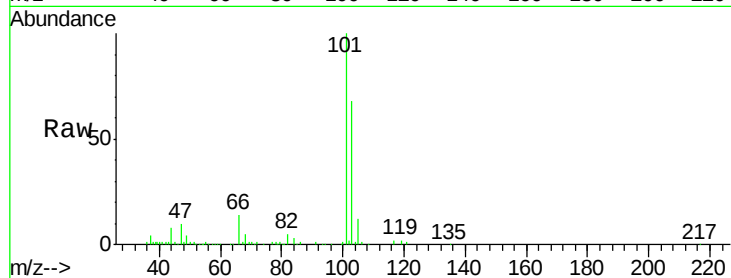
Trichlorofluoromethane
Concen: 19.671 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
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ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	51.6	77.4

Manual Integrations
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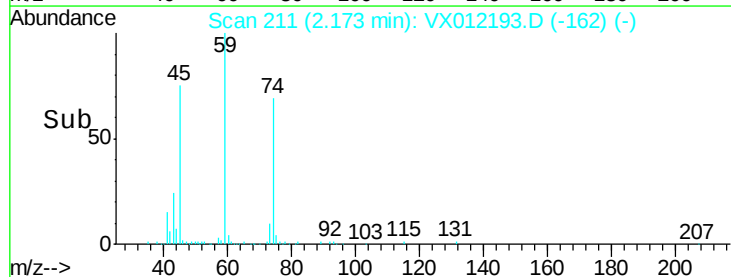
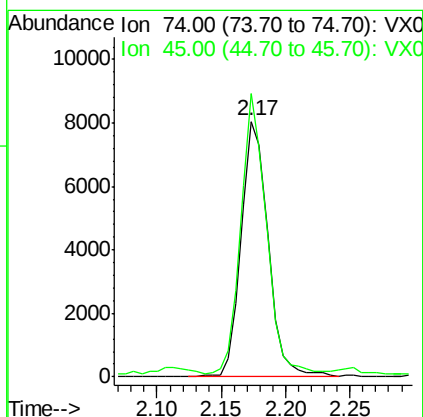
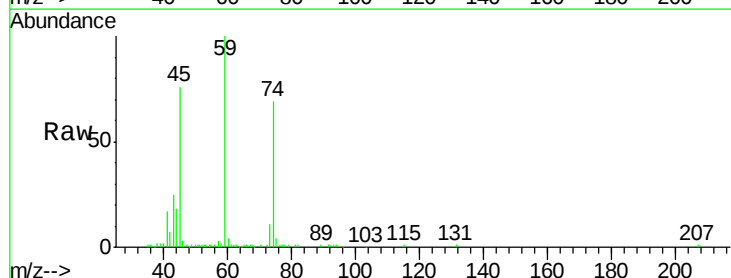
MMDadoda
9/9/2019 9:19:25 AM

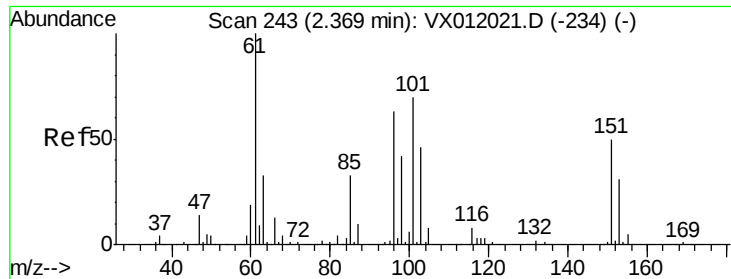


#8

Diethyl Ether
Concen: 23.106 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.608 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

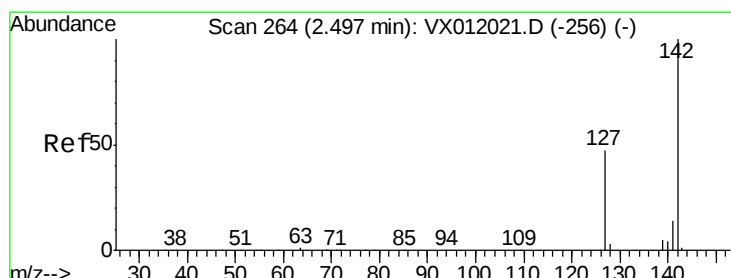
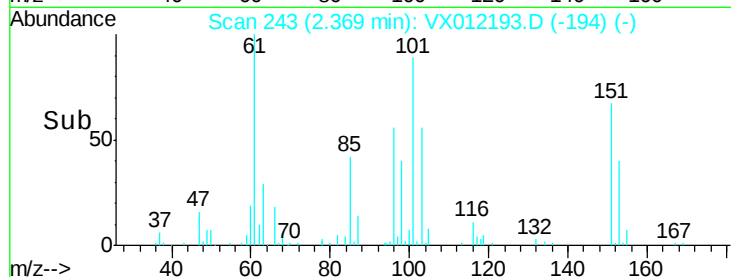
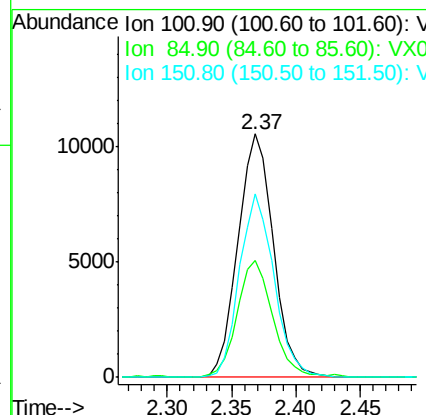
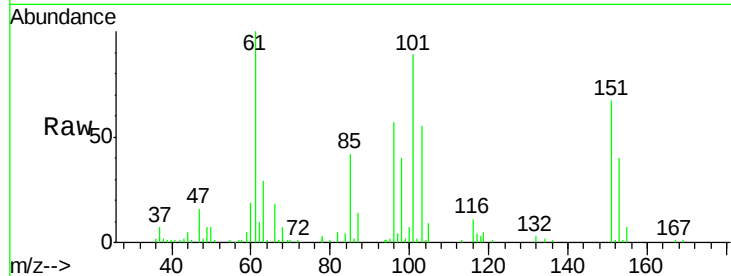
ClientSampleId :

VX0907SBS02

Tot Ion:	101	Resp:	20199
Ion Ratio	Lower	Upper	
101	100		
85	48.5	34.5	51.7
151	73.5	75.0	112.4#

Manual Integrations
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#10

Methyl Iodide

Concen: 17.471 ug/l

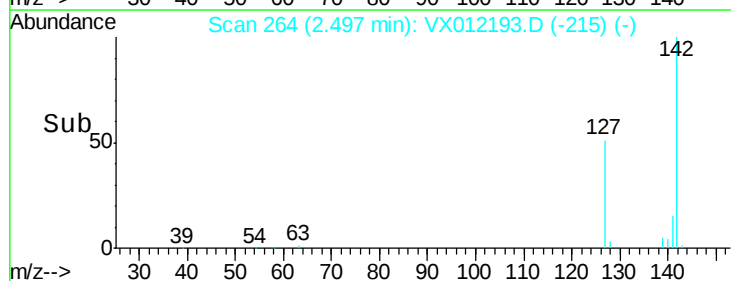
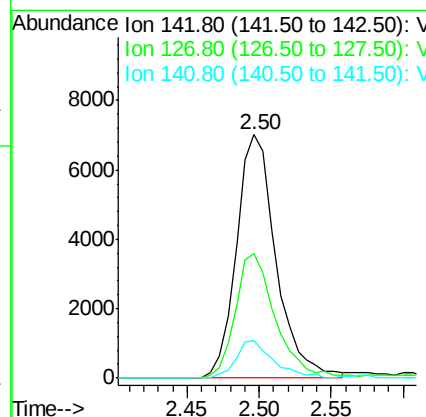
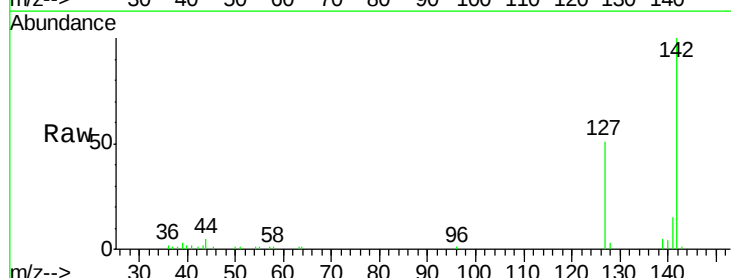
RT: 2.50 min Scan# 264

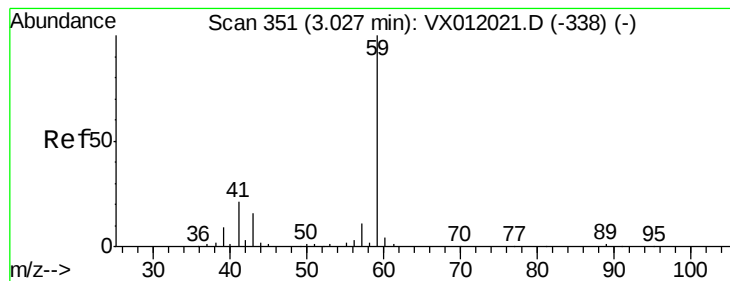
Delta R.T. 0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion:	142	Resp:	13392
Ion Ratio	Lower	Upper	
142	100		
127	52.4	35.4	53.2
141	14.5	11.4	17.2





#11

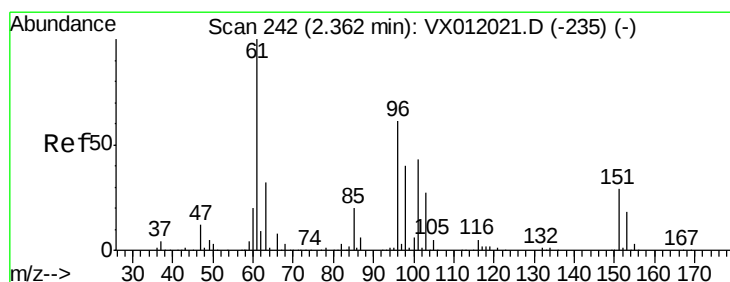
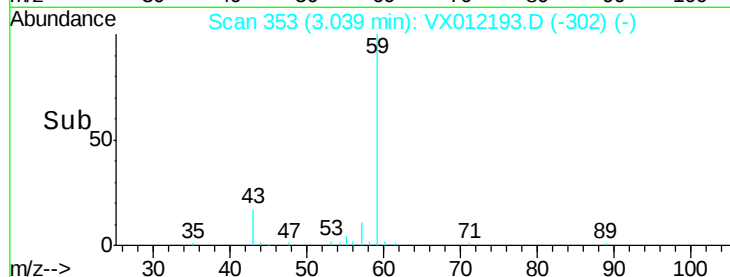
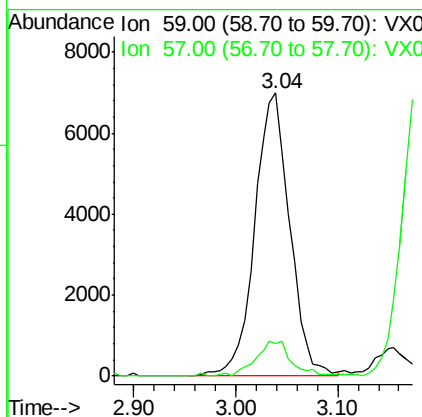
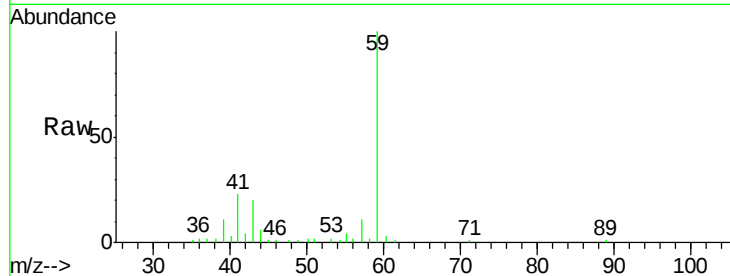
Tert butyl alcohol
Concen: 118.654 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.6	7.9	11.9#

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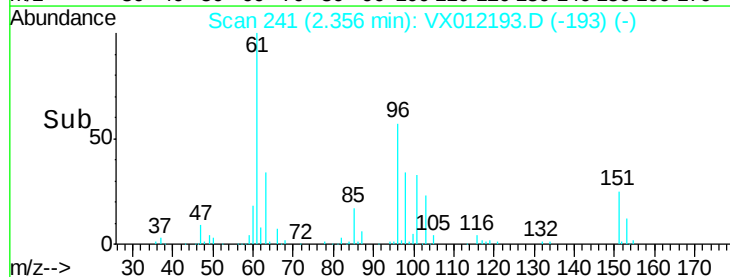
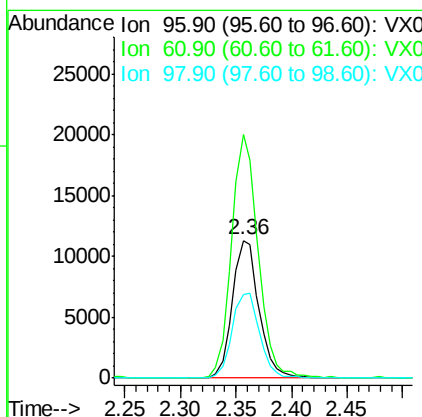
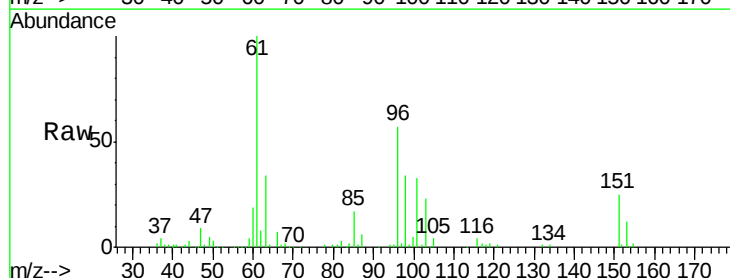
MMDadoda
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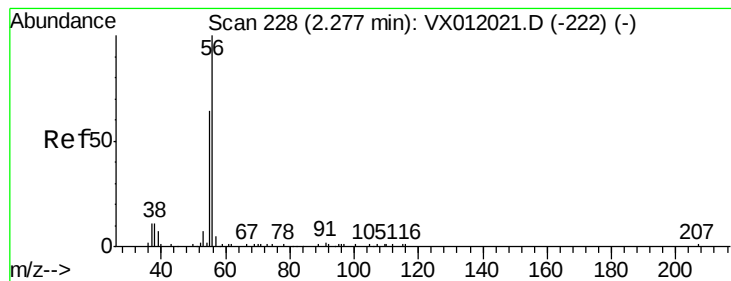


#12

1,1-Dichloroethene
Concen: 17.959 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.8	124.1	186.1
98	60.8	50.2	75.2





#13

Acrolein

Concen: 126.571 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS02

Tot Ion: 56 Resp: 5041

Ion Ratio Lower Upper

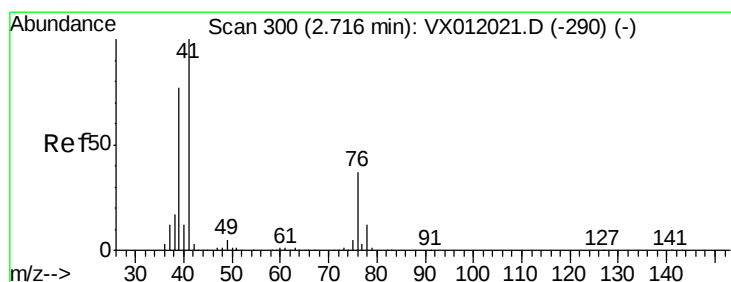
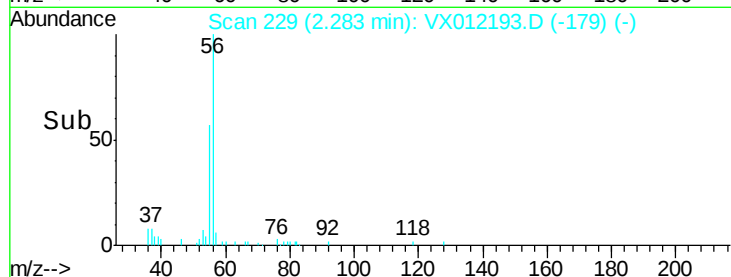
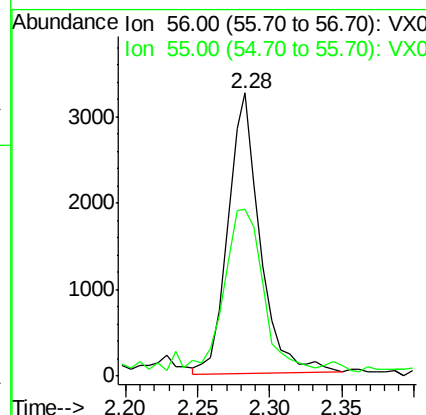
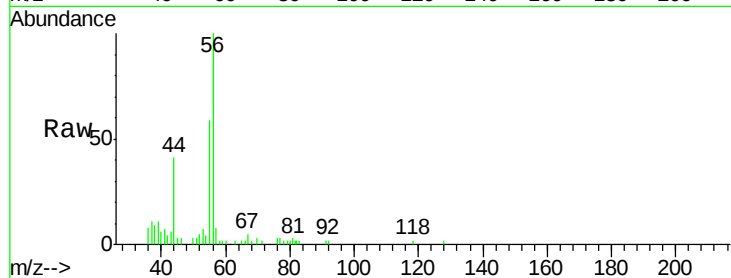
56 100

55 68.1 59.2 88.8

Manual Integrations
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#14

Allyl chloride

Concen: 19.920 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

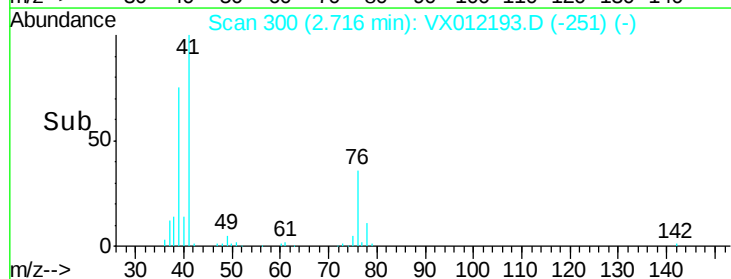
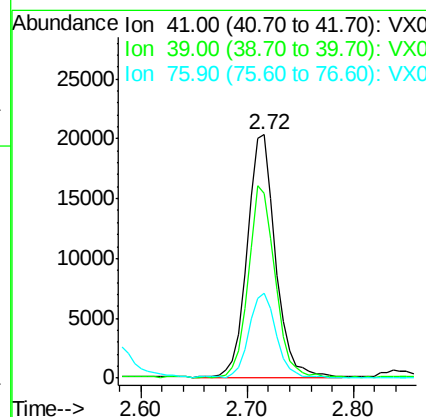
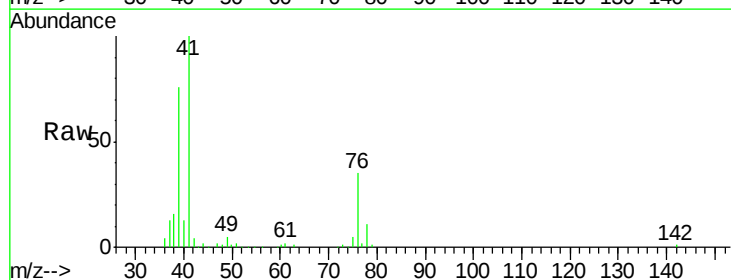
Tgt Ion: 41 Resp: 37691

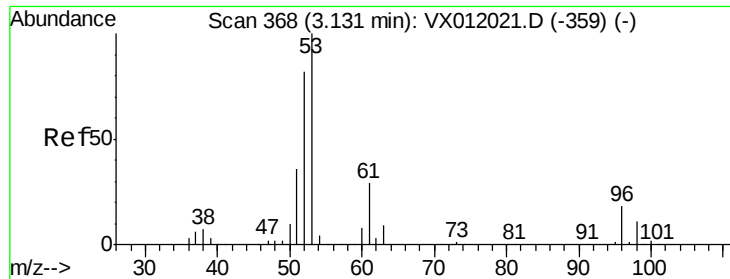
Ion Ratio Lower Upper

41 100

39 74.4 57.9 86.9

76 34.1 28.5 42.7





#15

Acrylonitrile

Concen: 117.678 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

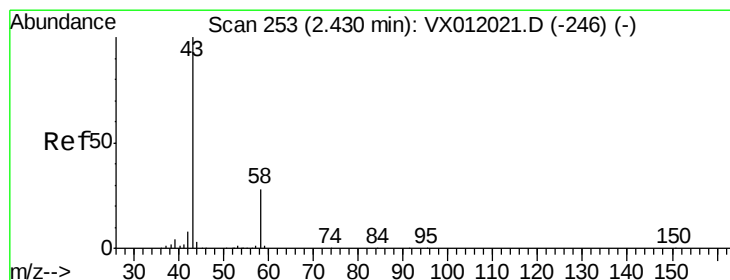
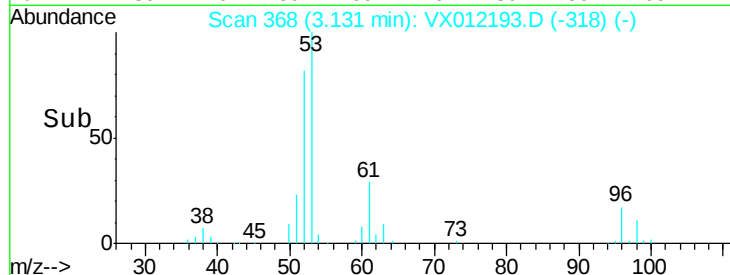
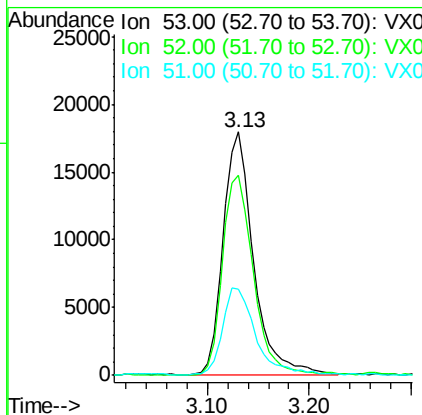
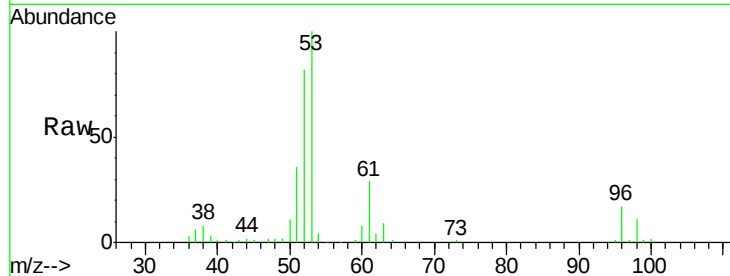
ClientSampleId :

VX0907SBS02

Tot Ion:	53	Resp:	37450
Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.6	98.4
51	39.5	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 92.815 ug/l

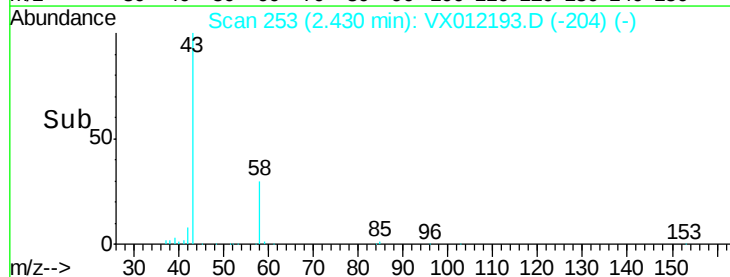
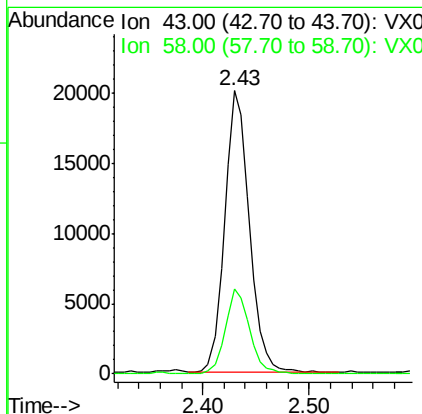
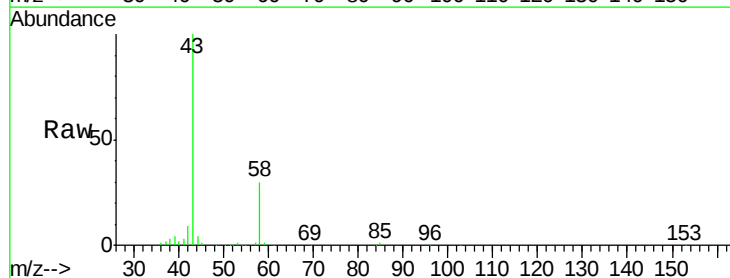
RT: 2.43 min Scan# 253

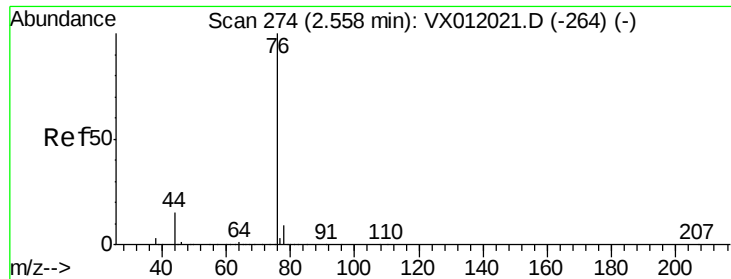
Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion:	43	Resp:	32506
Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.8	34.2





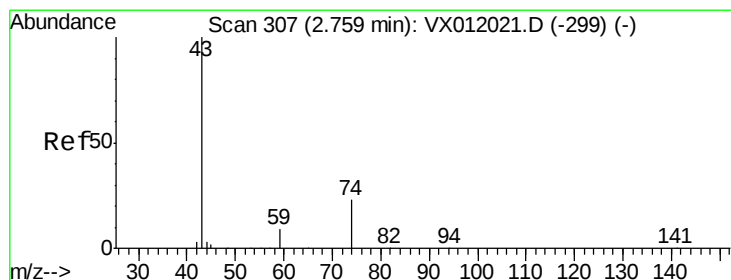
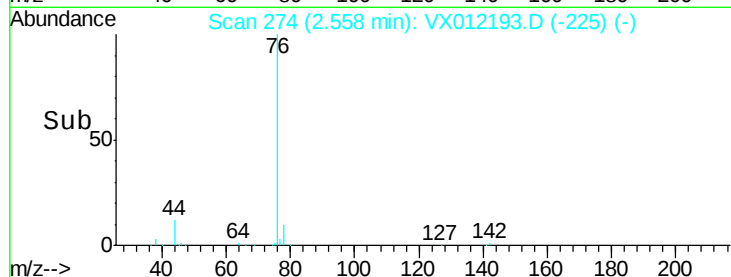
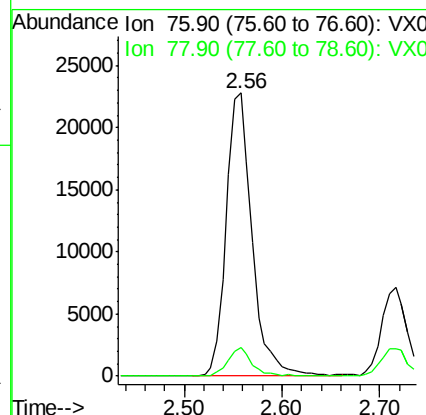
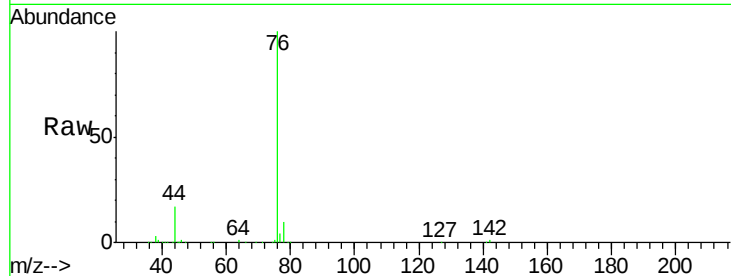
#17
Carbon Disulfide
Concen: 13.699 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.4	11.2

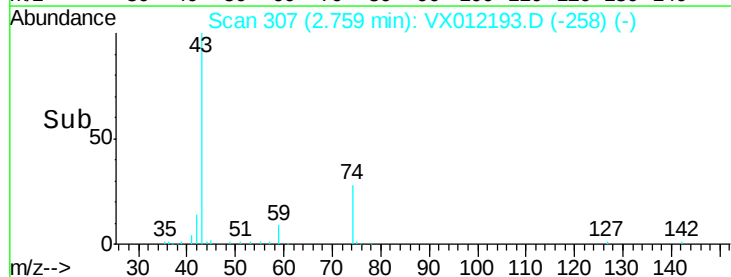
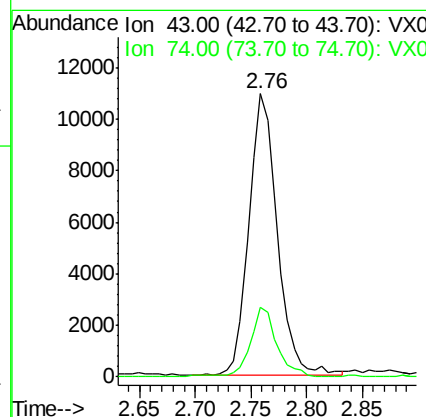
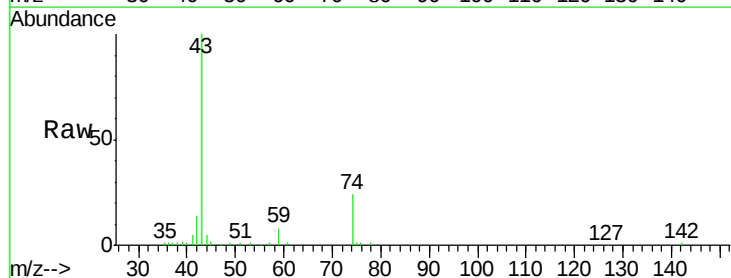
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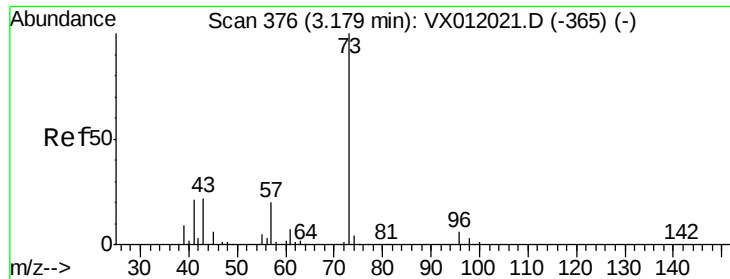
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#18
Methyl Acetate
Concen: 23.531 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.5	29.3





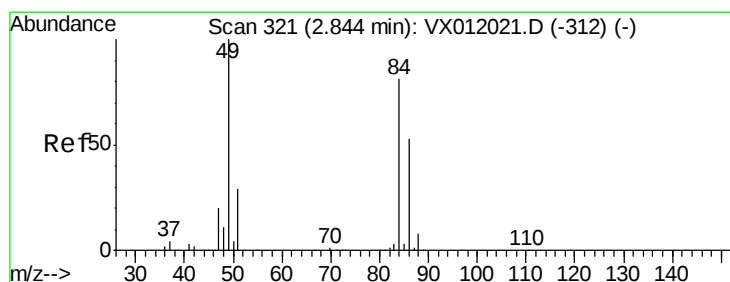
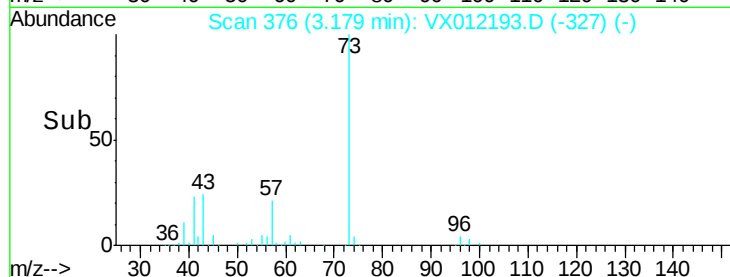
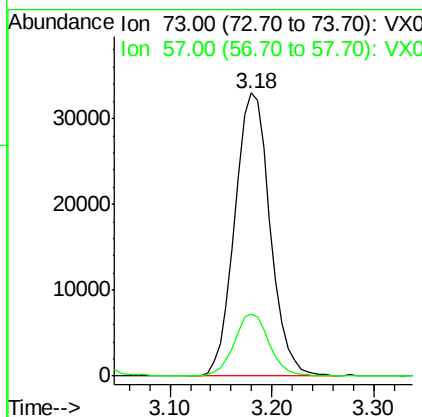
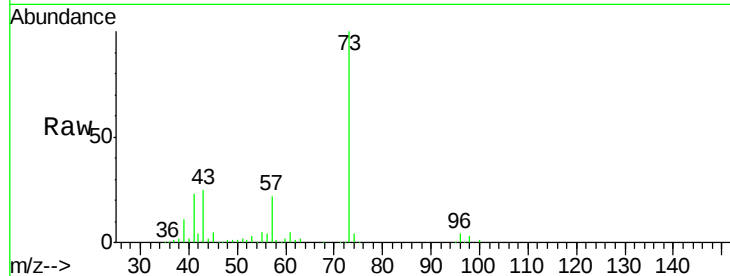
#19
Methyl tert-butyl Ether
Concen: 23.304 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampled :
VX0907SBS02

Tot Ion: 73 Resp: 79332
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0

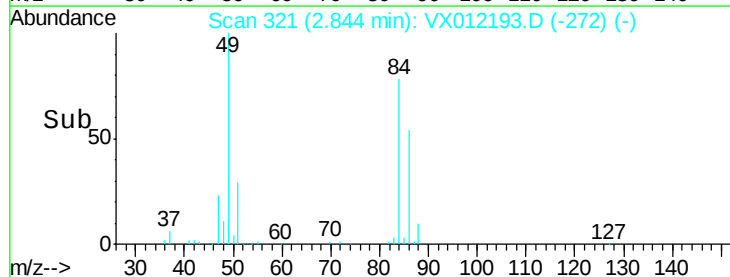
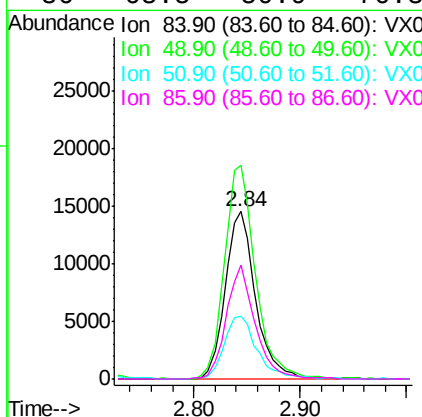
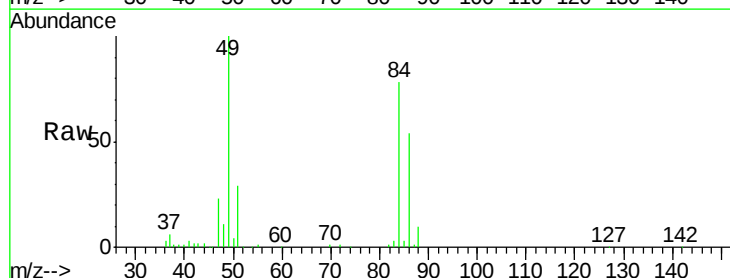
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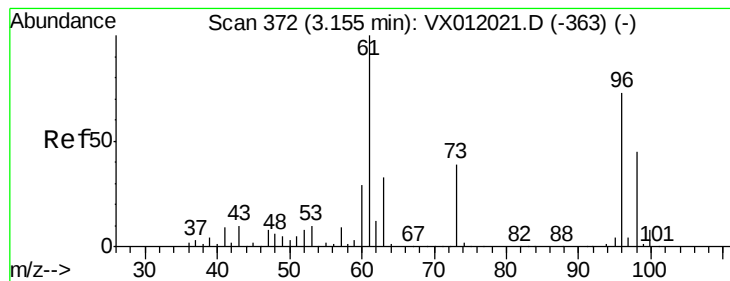
MMDadoda
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#20
Methylene Chloride
Concen: 20.679 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion: 84 Resp: 29082
Ion Ratio Lower Upper
84 100
49 127.7 95.8 143.8
51 37.6 28.6 43.0
86 68.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.970 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 96 Resp: 23277

Ion Ratio Lower Upper

96 100

61 149.9 107.0 160.6

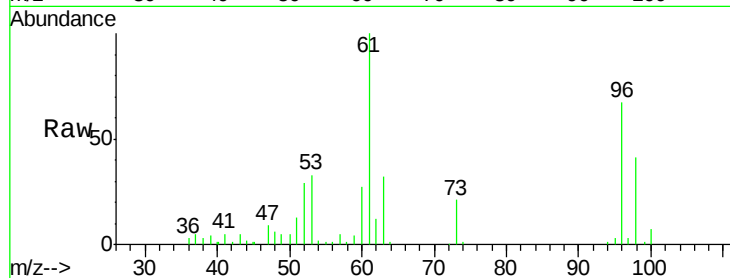
98 60.8 49.8 74.6

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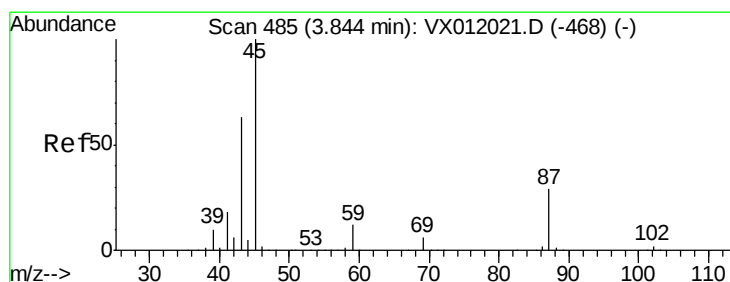
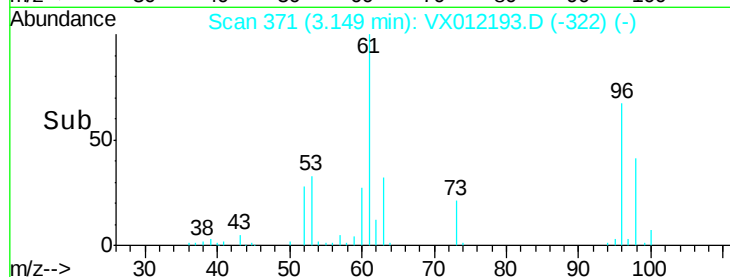
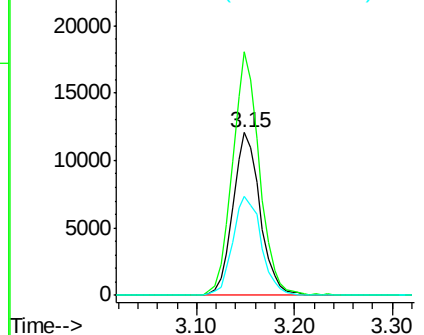
9/9/2019 9:19:25 AM



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



#22

Diisopropyl ether

Concen: 23.233 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion: 45 Resp: 89600

Ion Ratio Lower Upper

45 100

43 70.8 54.2 81.4

87 27.0 23.4 35.0

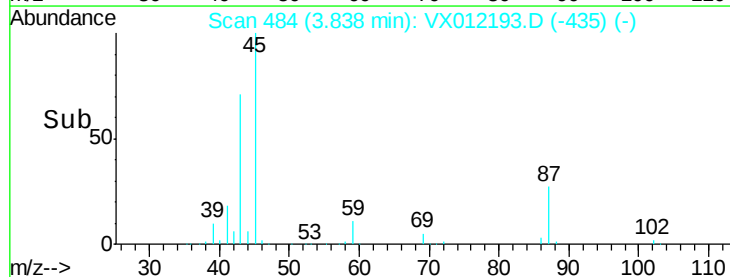
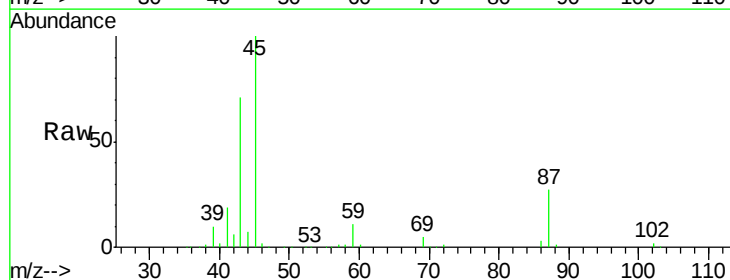
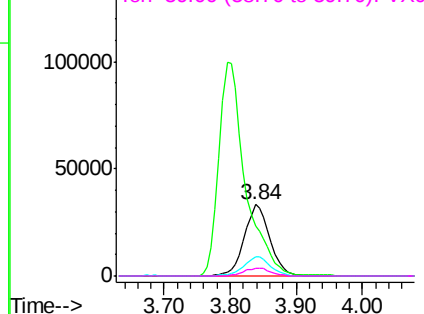
59 11.1 9.0 13.6

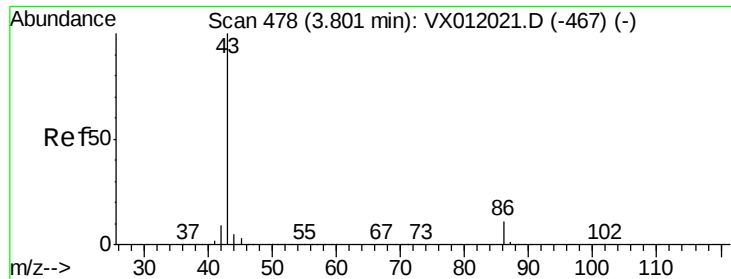
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





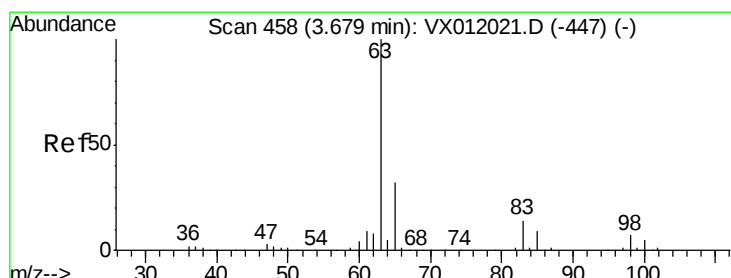
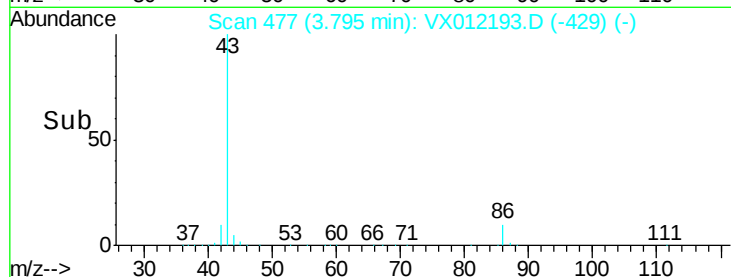
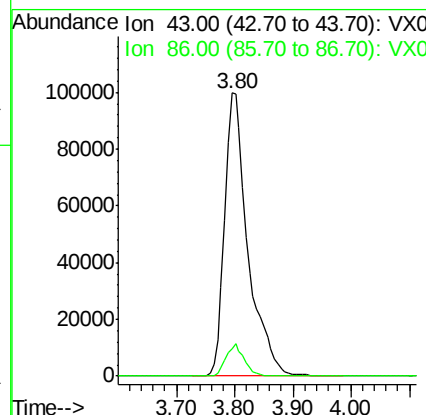
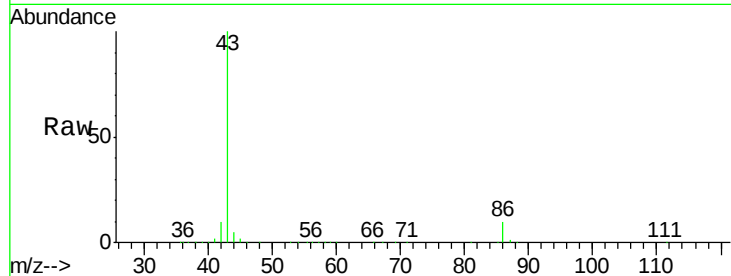
#23
 Vinyl Acetate
 Concen: 111.125 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	43	Resp	277231
Ion Ratio	Lower	Upper	
43	100		
86	9.9	9.0	13.6

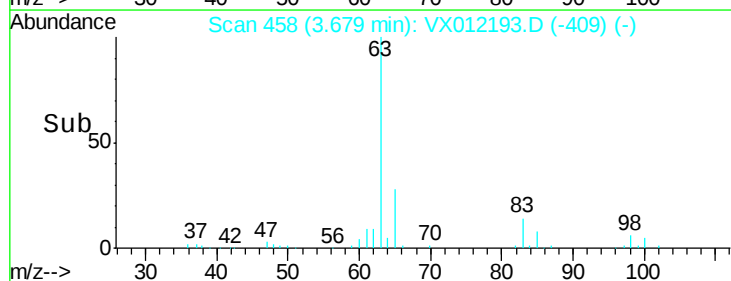
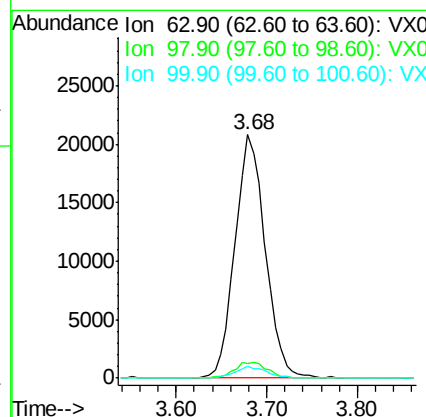
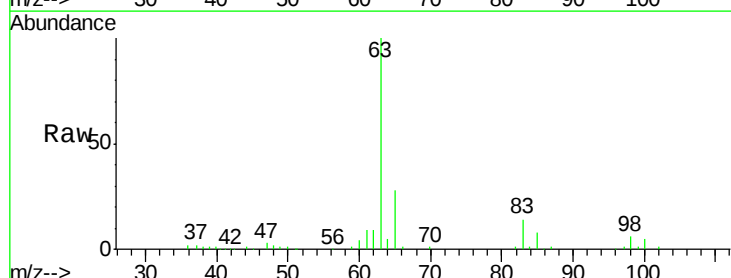
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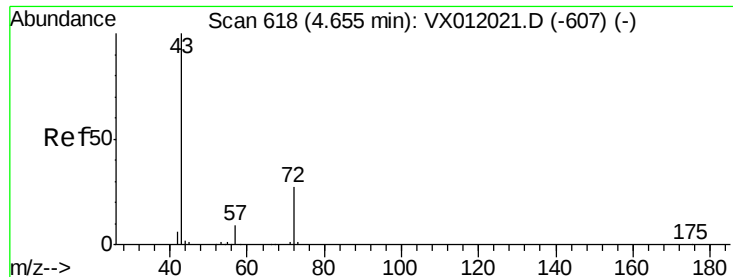
MMDadoda
 9/9/2019 9:19:25 AM



#24
 1,1-Dichloroethane
 Concen: 21.583 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion	63	Resp	48276
Ion Ratio	Lower	Upper	
63	100		
98	6.0	3.9	11.7
100	4.7	2.5	7.4





#25

2-Butanone

Concen: 110.610 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 43 Resp: 49311

Ion Ratio Lower Upper

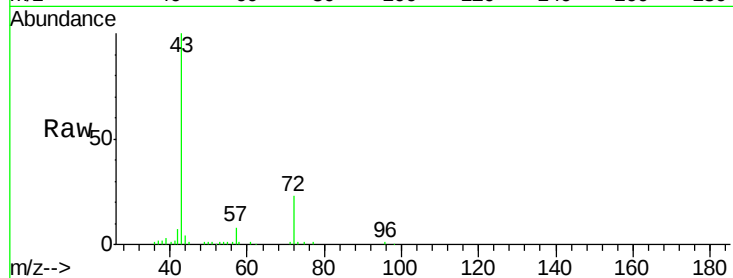
43 100

72 22.6 21.3 31.9

Manual Integrations
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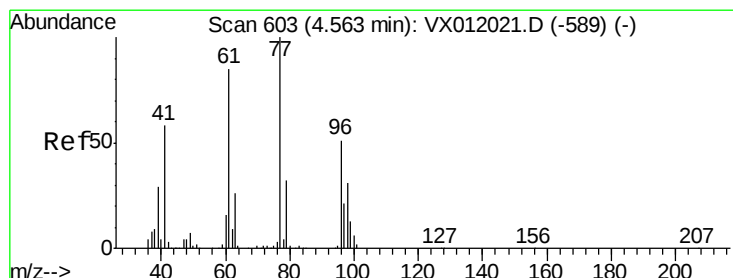
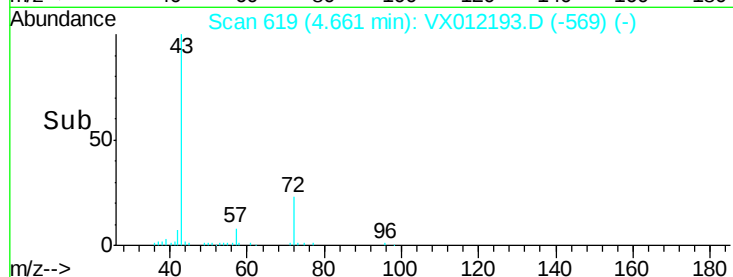
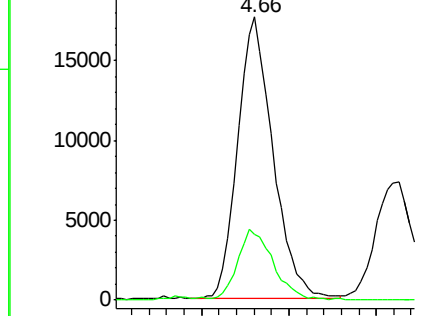
MMDadoda

9/9/2019 9:19:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.154 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012193.D

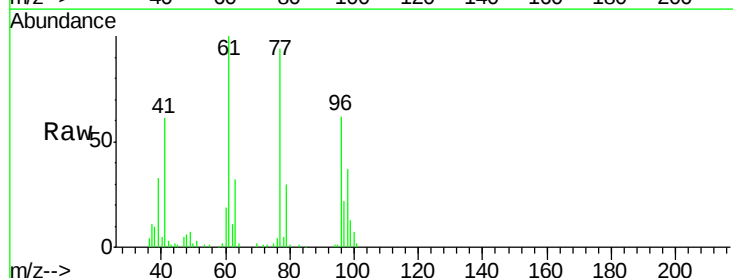
Acq: 08 Sep 2019 00:41

Tgt Ion: 77 Resp: 35423

Ion Ratio Lower Upper

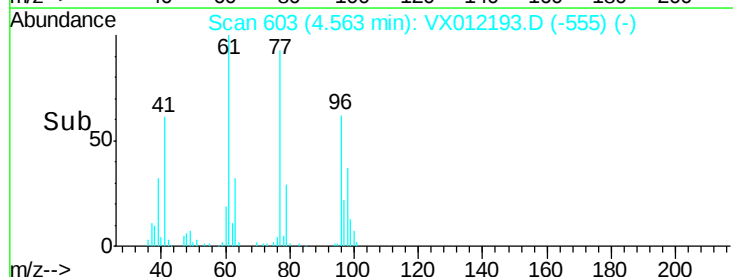
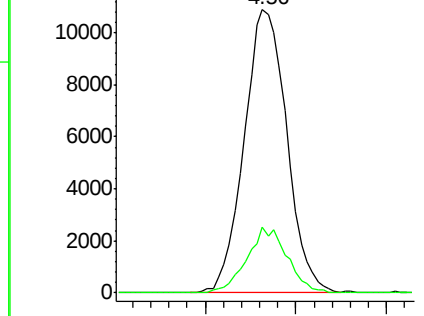
77 100

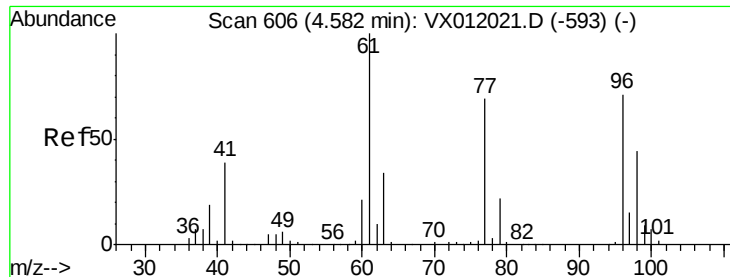
97 21.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

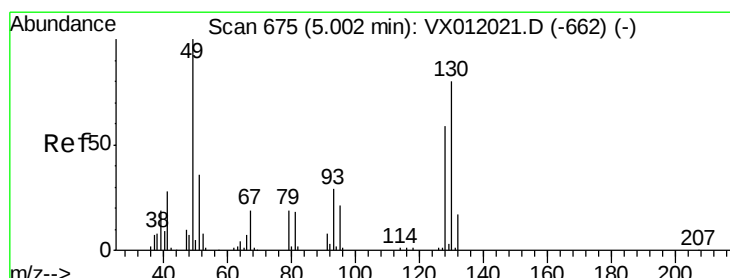
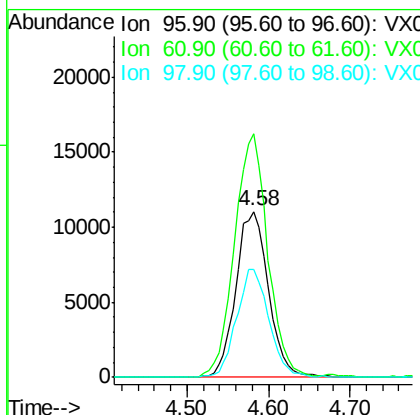
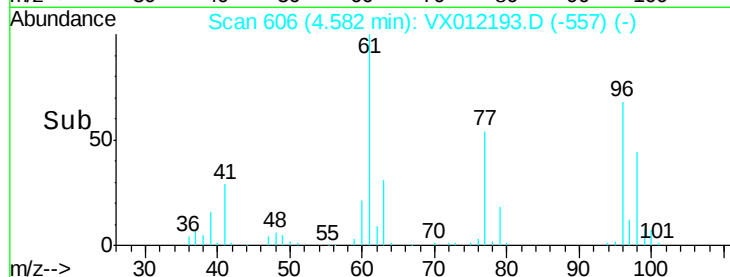
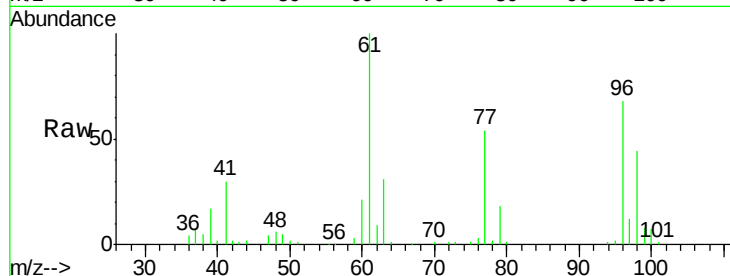
cis-1,2-Dichloroethene
Concen: 21.364 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	30729		
61	149.0	0.0	277.0	
98	64.5	0.0	128.4	

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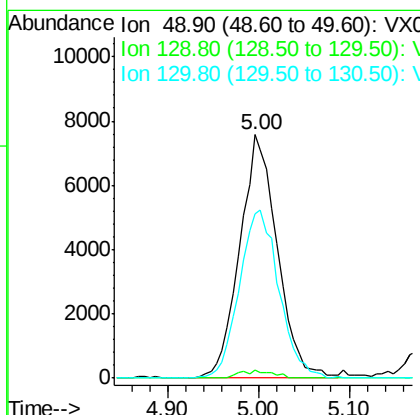
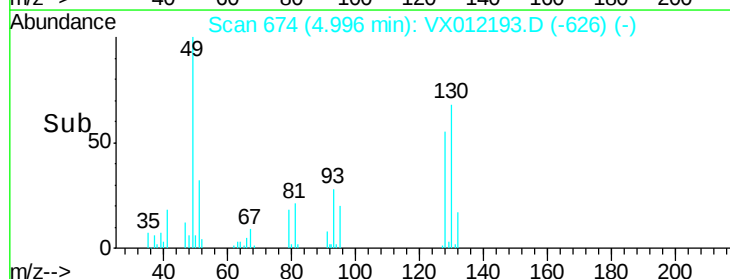
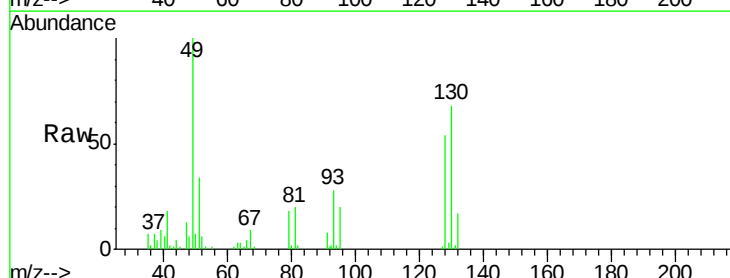
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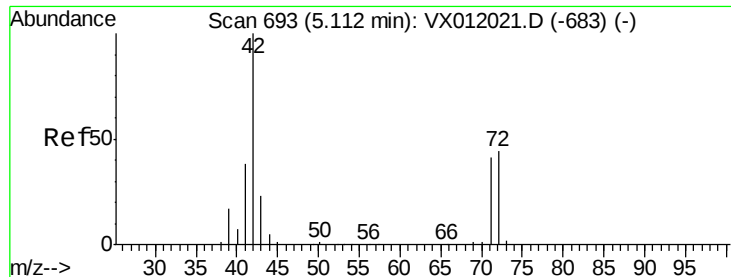


#28

Bromochloromethane
Concen: 24.375 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	21763		
129	2.7	0.0	5.6	
130	72.7	76.7	115.1#	





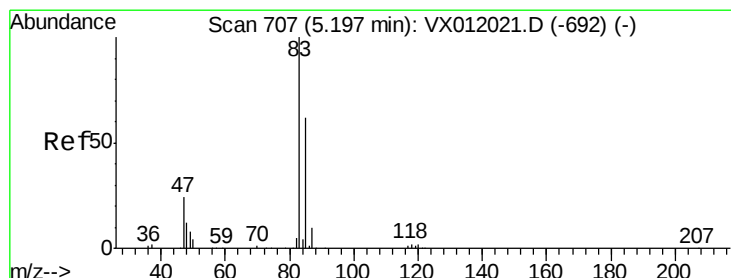
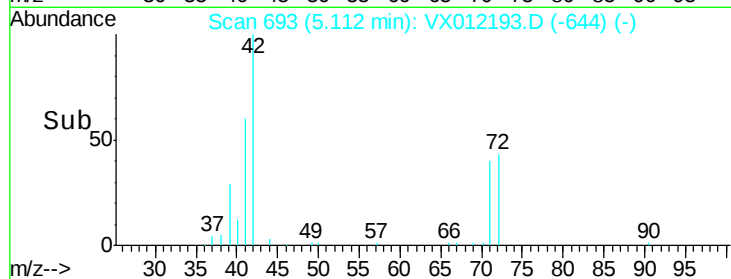
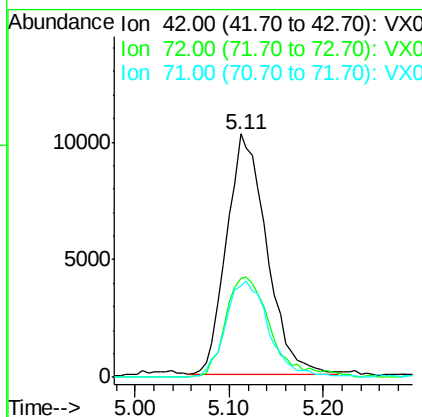
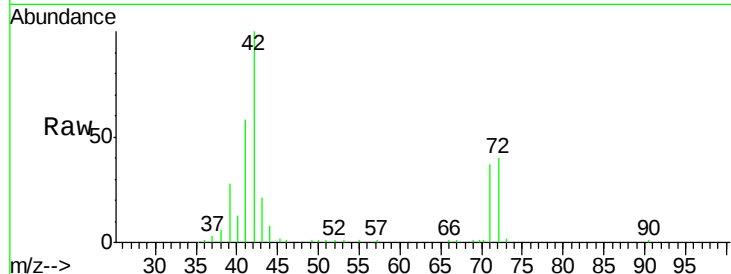
#29
Tetrahydrofuran
Concen: 113.008 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.0	55.4
71	43.2	33.8	50.8

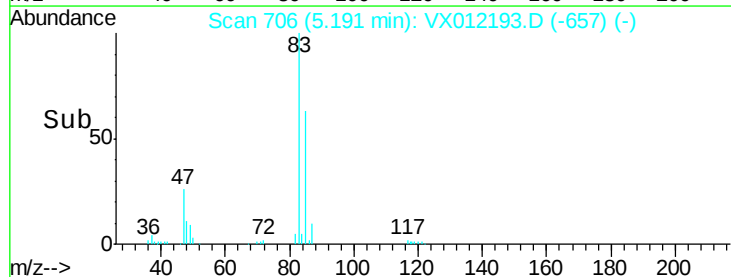
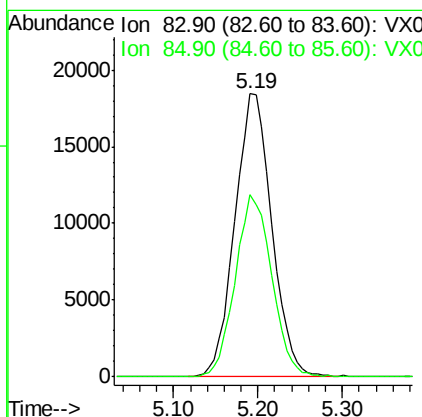
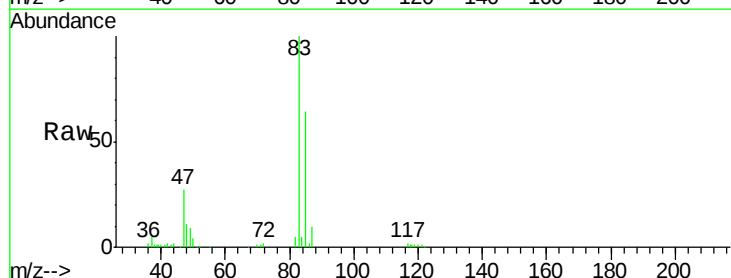
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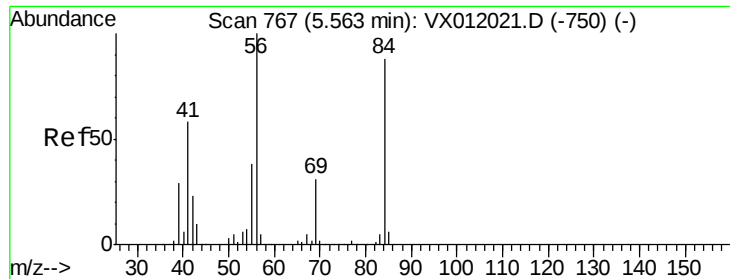
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#30
Chloroform
Concen: 22.819 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	78.8





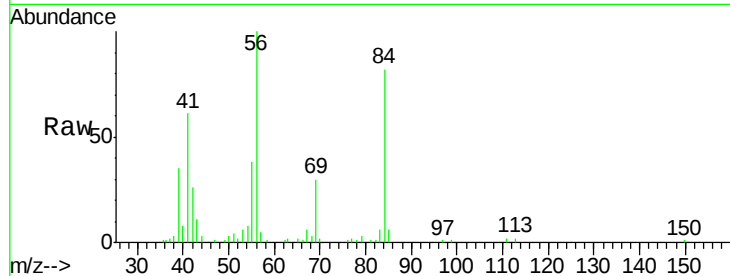
#31
Cyclohexane
Concen: 16.732 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

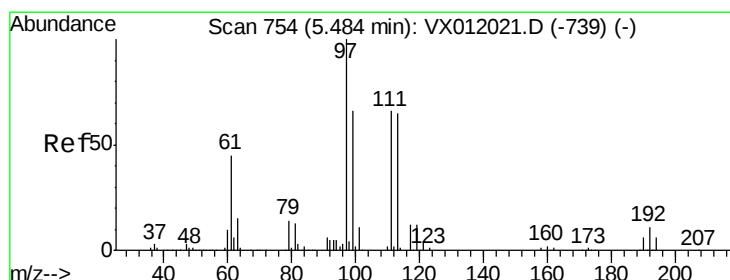
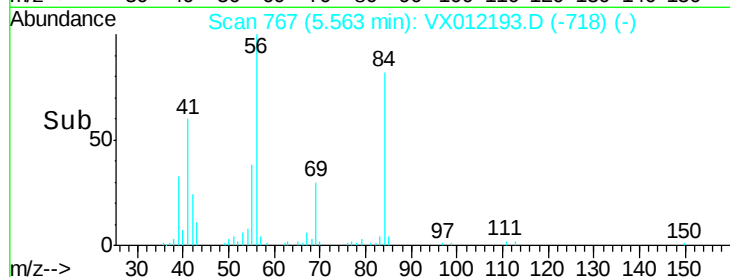
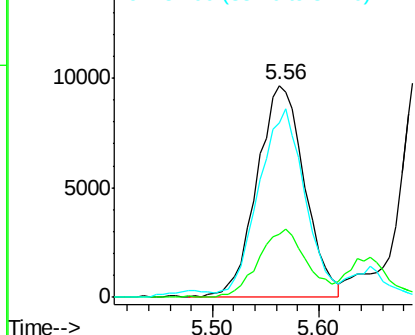
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	25.7	38.5
84	78.9	70.3	105.5

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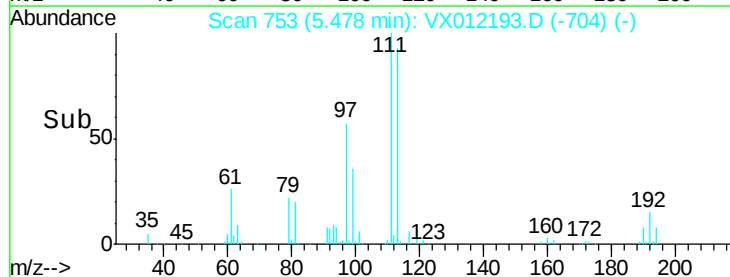
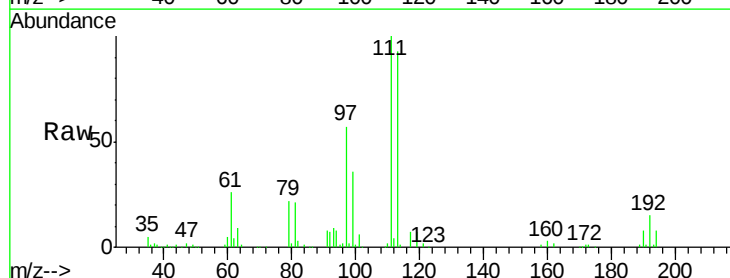
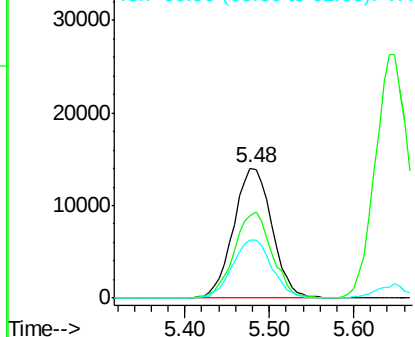
Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

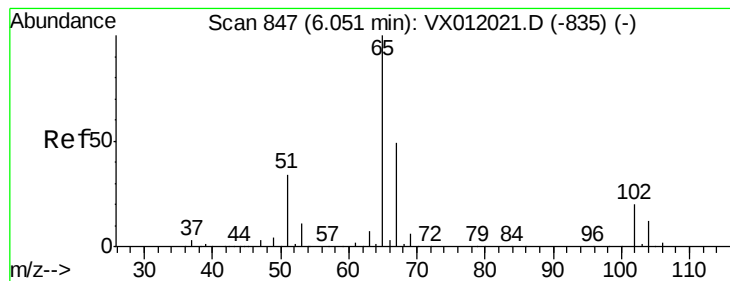


#32
1,1,1-Trichloroethane
Concen: 20.732 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.1	78.1
61	45.9	32.8	49.2

Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 61.444 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD02

Tot Ion: 65 Resp: 90030

Ion Ratio Lower Upper

65 100

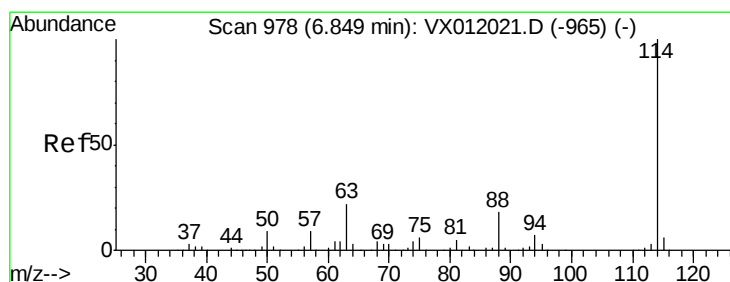
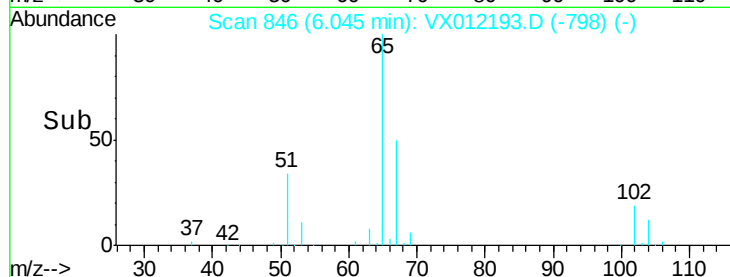
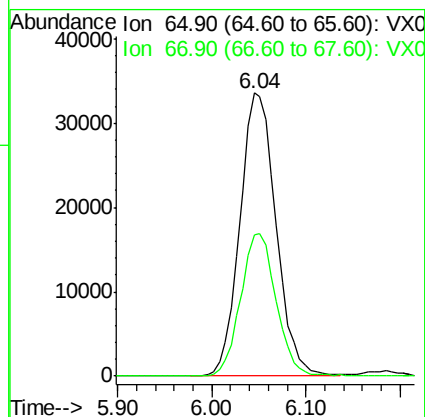
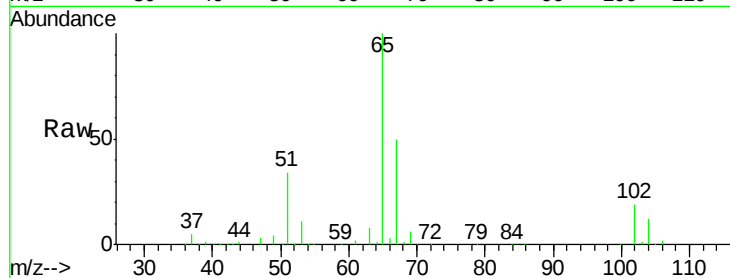
67 49.6 0.0 102.0

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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: VX012193.D

Acq: 08 Sep 2019 00:41

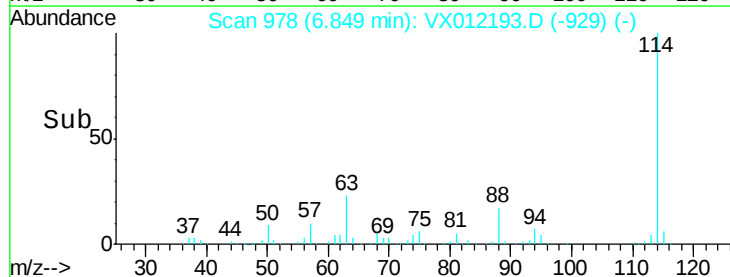
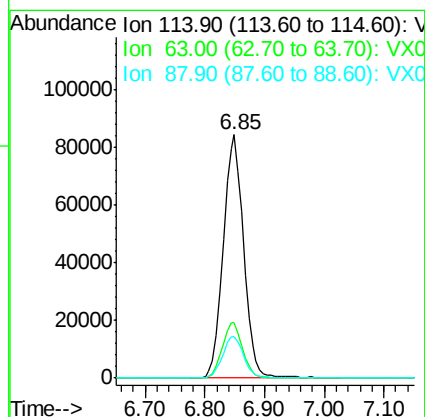
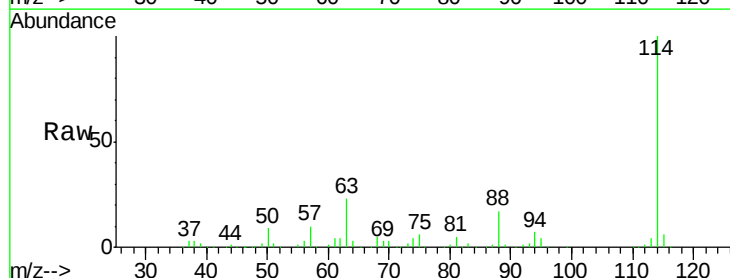
Tgt Ion: 114 Resp: 201401

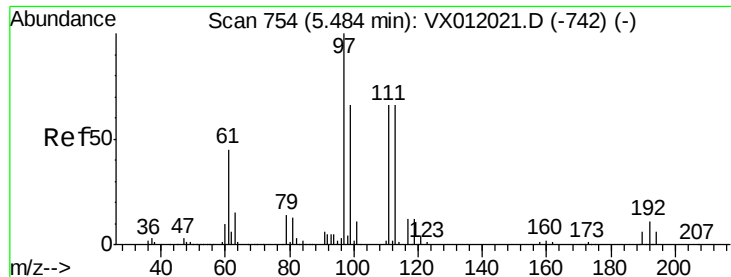
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.4

88 17.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 56.512 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

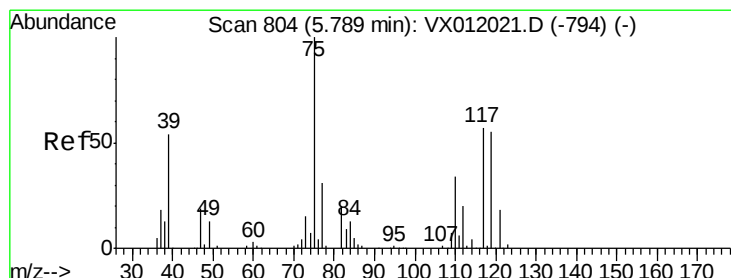
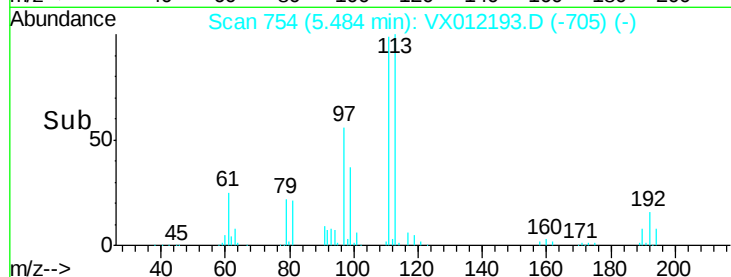
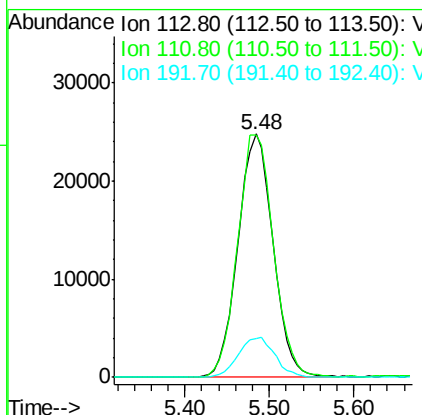
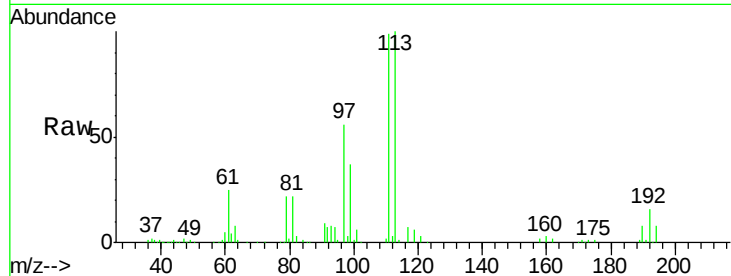
ClientSampleId :

VX0907SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	69994		
111	101.9	81.7	122.5	
192	17.2	22.5	33.7	

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#36

1,1-Dichloropropene

Concen: 17.277 ug/l

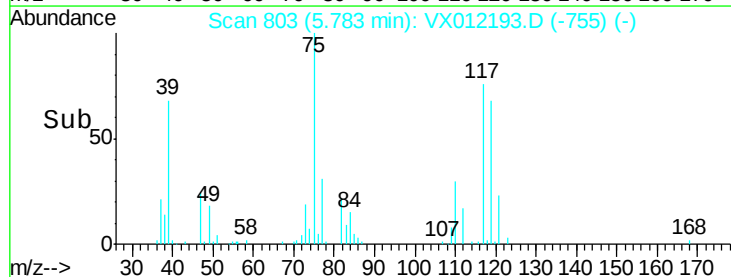
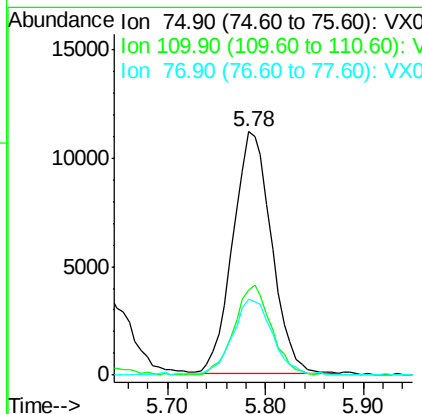
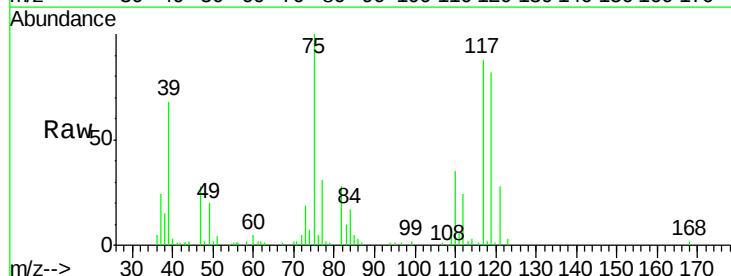
RT: 5.78 min Scan# 803

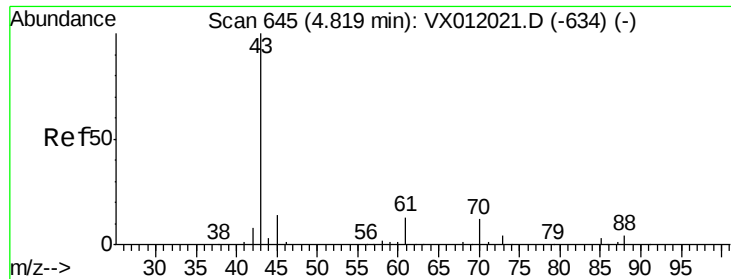
Delta R.T. -0.01 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30646		
110	35.6	19.5	58.5	
77	32.3	24.6	37.0	





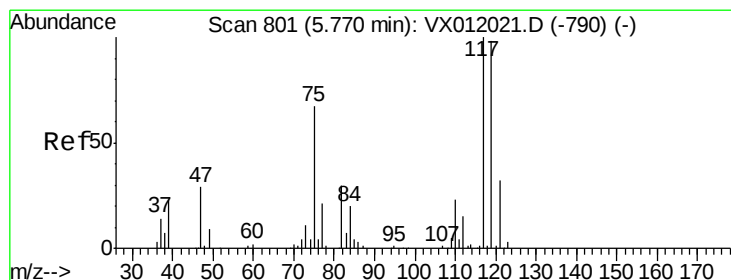
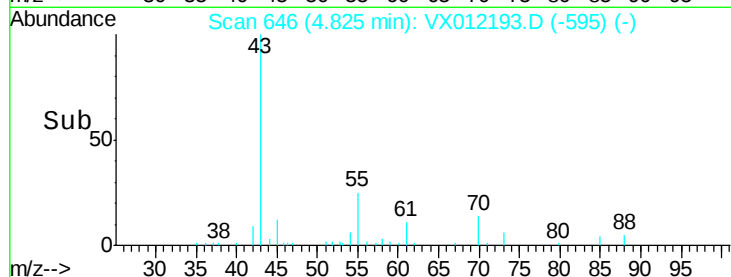
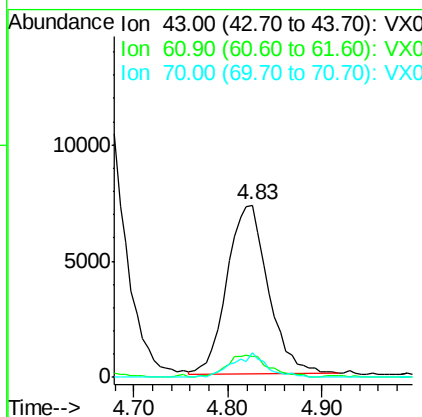
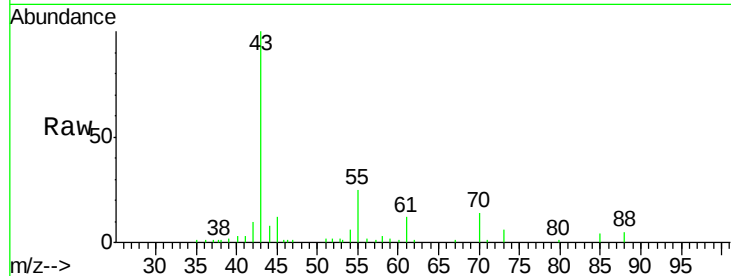
#37
Ethyl Acetate
Concen: 22.940 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleID :
VX0907SBS02

Tot Ion:	43	Resp:	22128
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	12.0	9.4	14.0

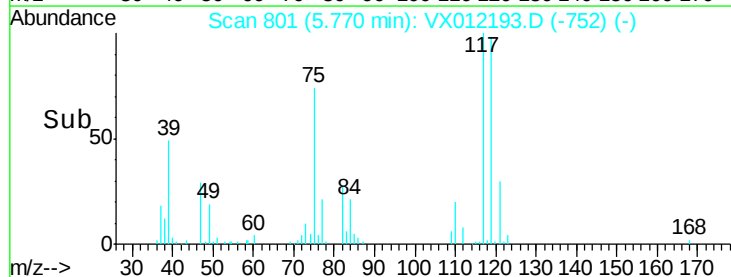
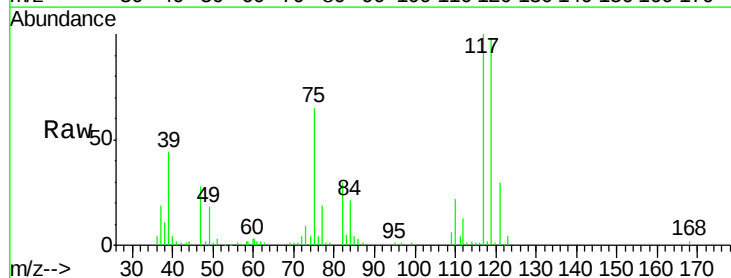
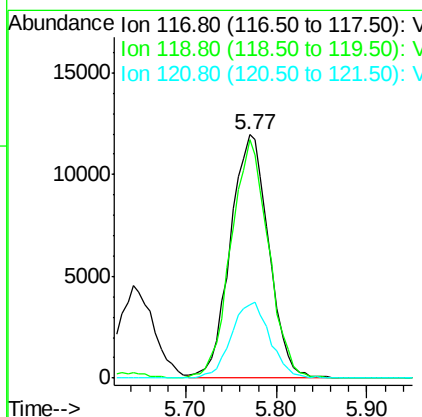
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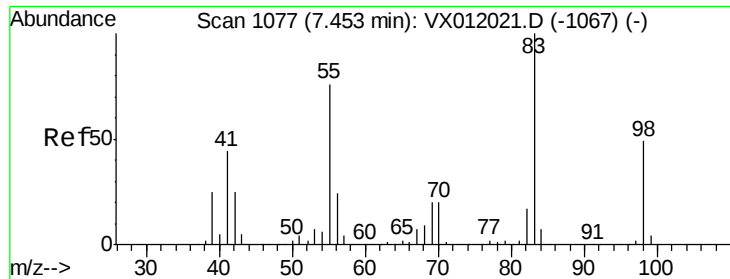
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#38
Carbon Tetrachloride
Concen: 18.785 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion:	117	Resp:	35112
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.3	117.5
121	30.4	24.2	36.2





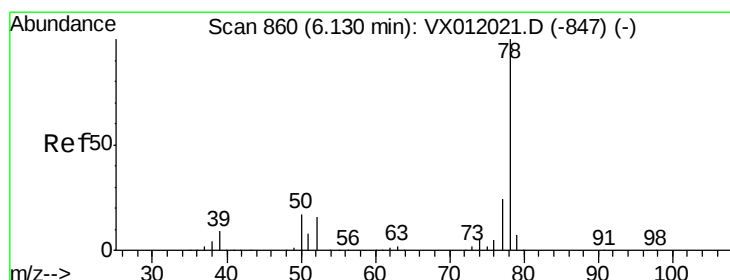
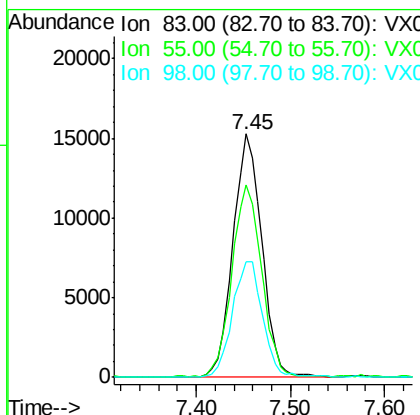
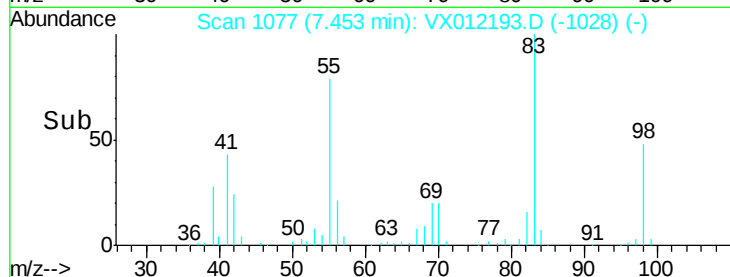
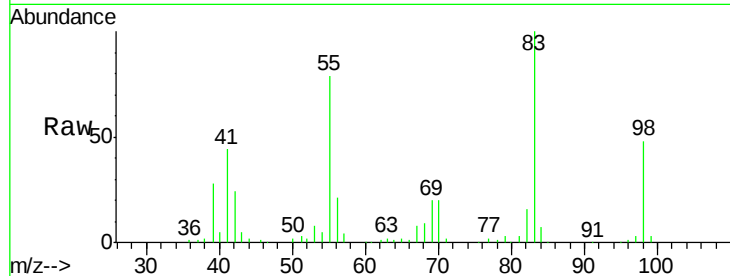
#39
Methvlcvclohexane
Concen: 15.797 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	59.6	89.4
98	47.5	41.4	62.0

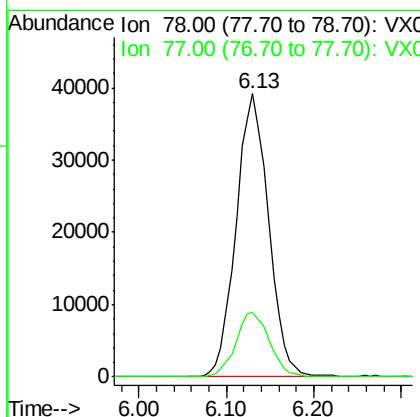
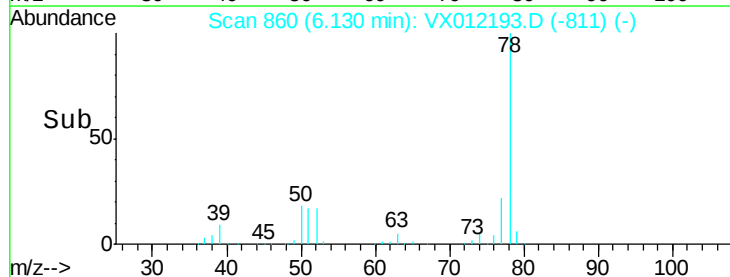
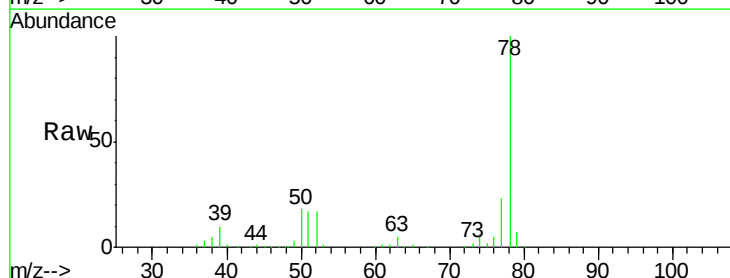
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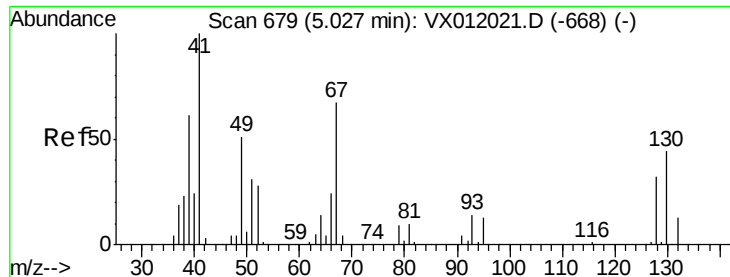
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#40
Benzene
Concen: 19.867 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





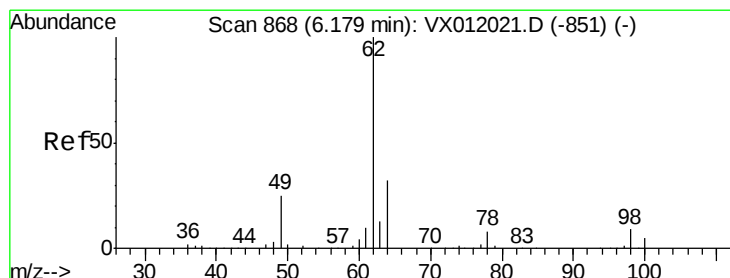
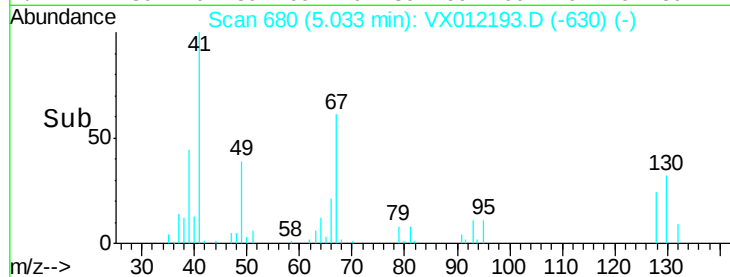
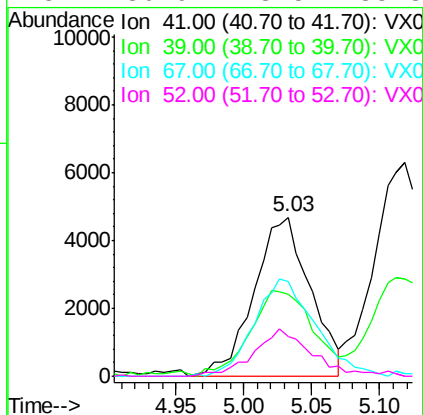
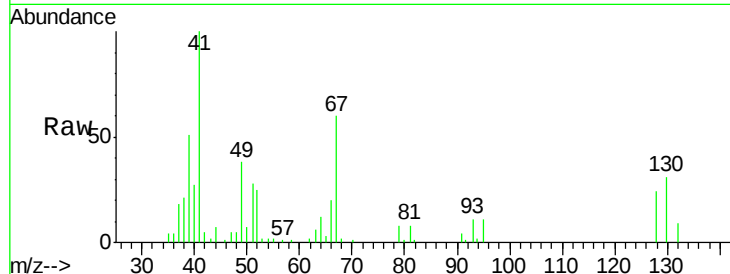
#41
Methacrylonitrile
Concen: 23.538 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

Tot Ion:	41	Resp:	13540
Ion	Ratio	Lower	Upper
41	100		
39	59.7	46.7	70.1
67	66.1	57.0	85.6
52	30.9	23.5	35.3

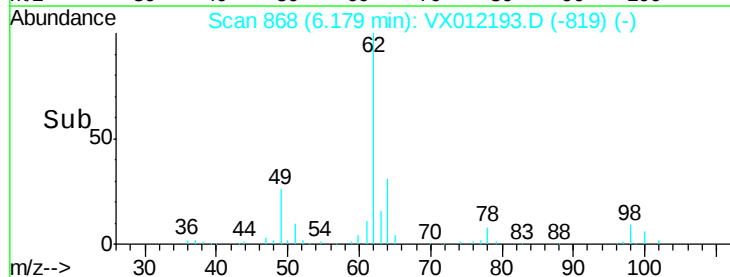
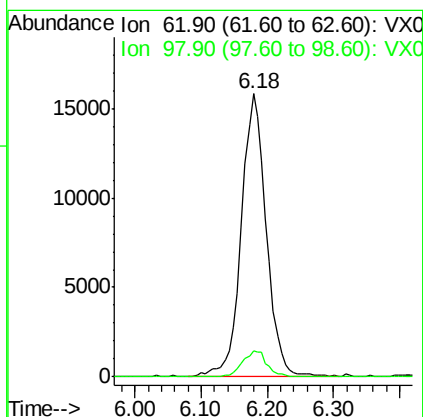
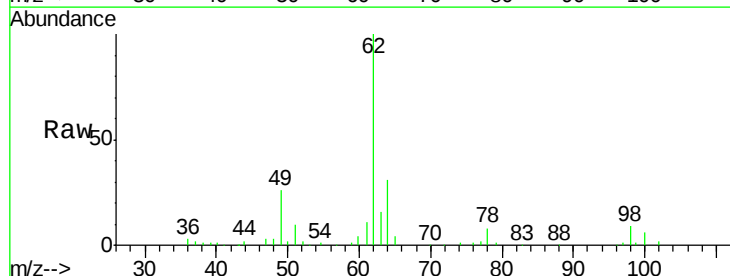
Manual Integrations
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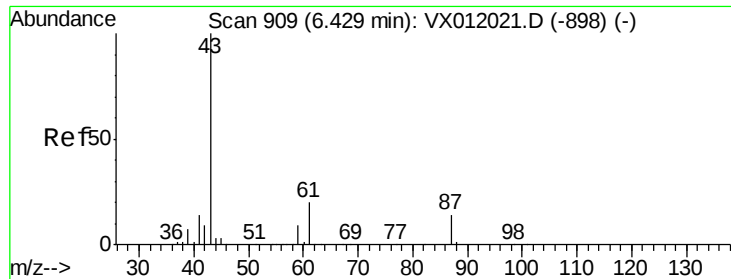
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#42
1,2-Dichloroethane
Concen: 22.773 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion:	62	Resp:	41732
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2





#43

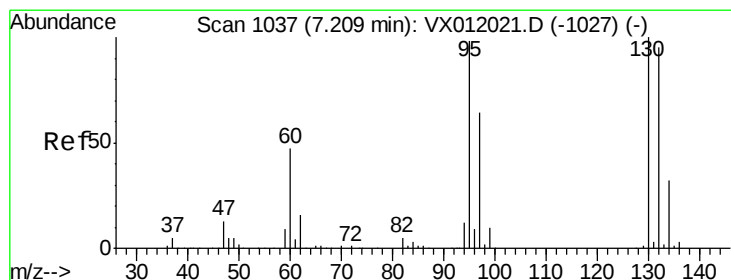
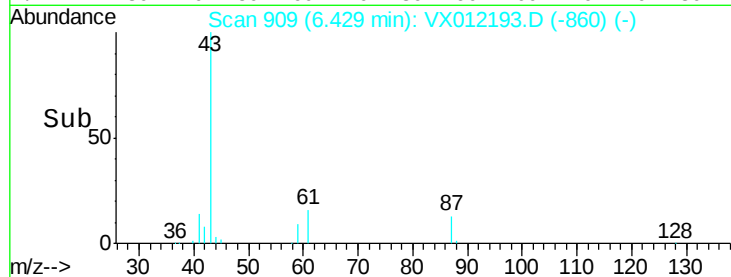
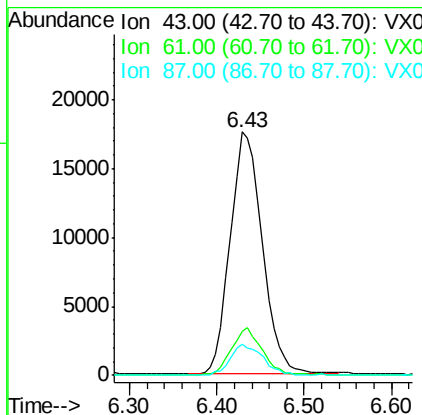
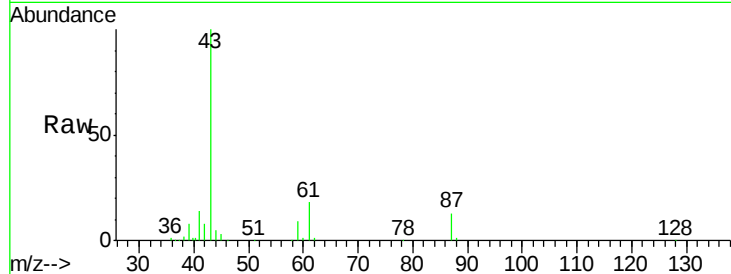
Isopropyl Acetate
 Concen: 23.025 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.1	24.1
87	13.0	11.3	16.9

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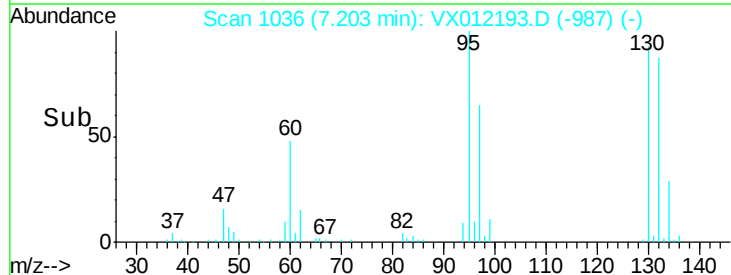
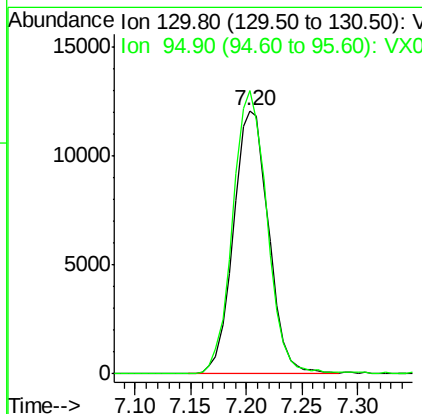
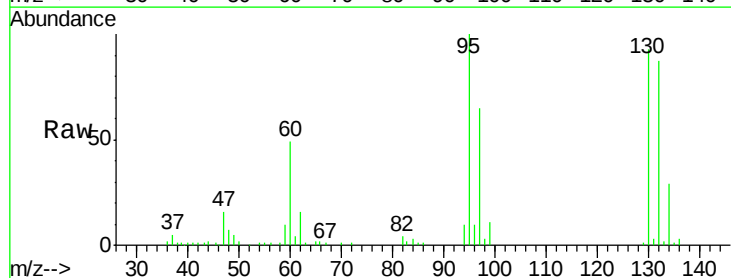
MMDadoda
 9/9/2019 9:19:25 AM

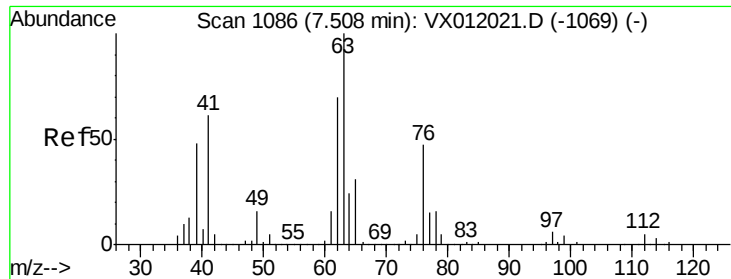


#44

Trichloroethene
 Concen: 19.265 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	176.4





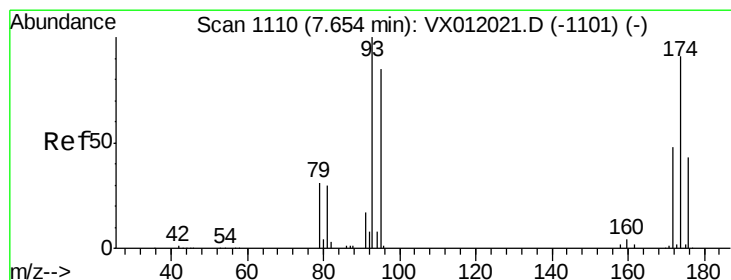
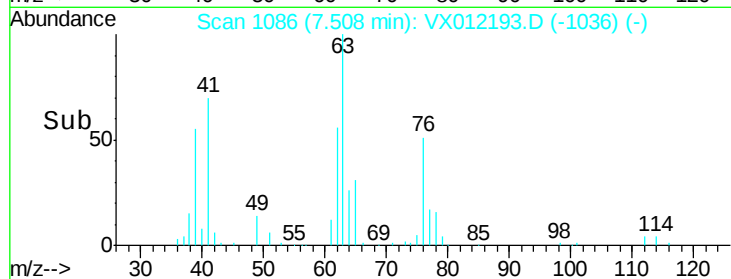
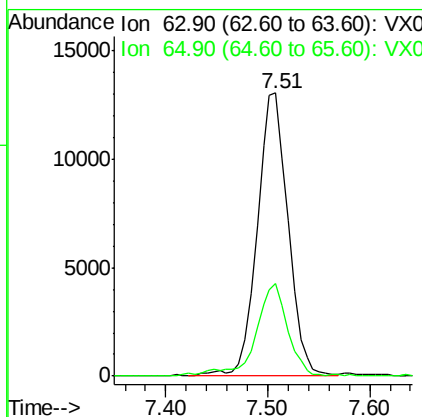
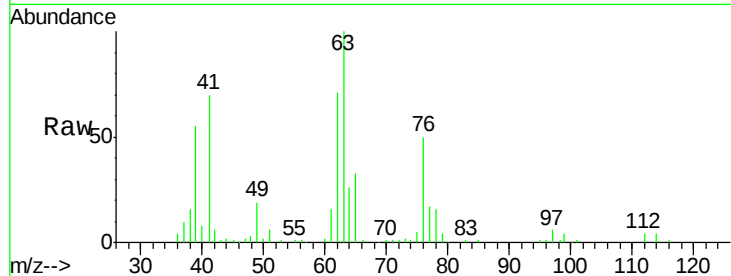
#45
 1,2-Dichloropropane
 Concen: 20.881 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907SBS02

Tot Ion: 63 Resp: 27472
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.0 37.6

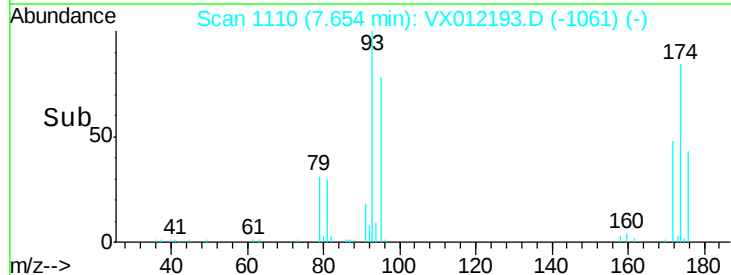
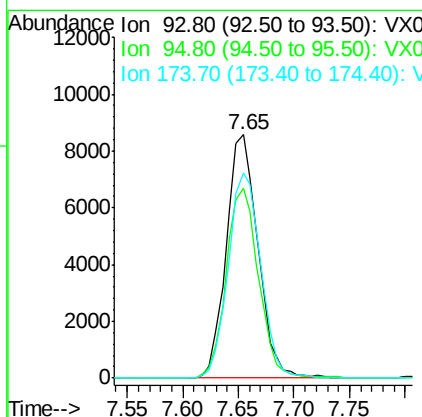
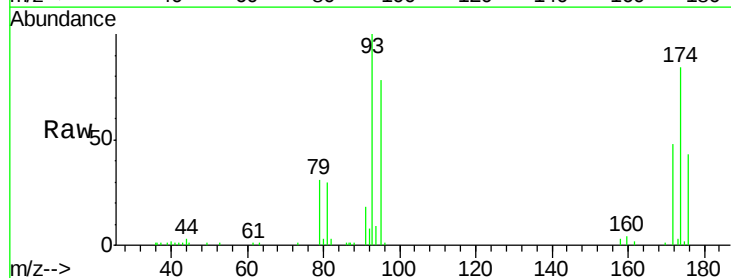
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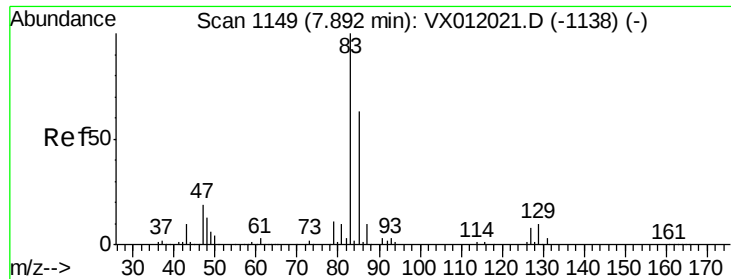
MMDadoda
 9/9/2019 9:19:25 AM



#46
 Dibromomethane
 Concen: 22.046 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion: 93 Resp: 16932
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.2 99.2
 174 86.3 110.2 165.4#





#47

Bromodichloromethane

Concen: 21.415 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

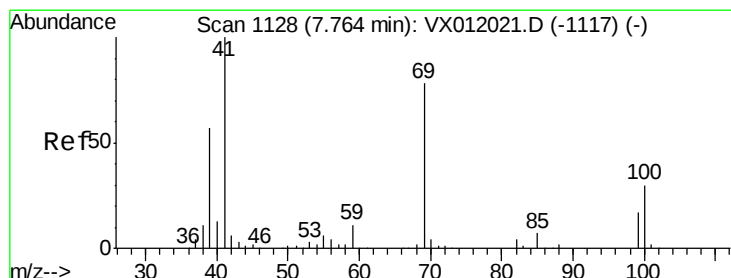
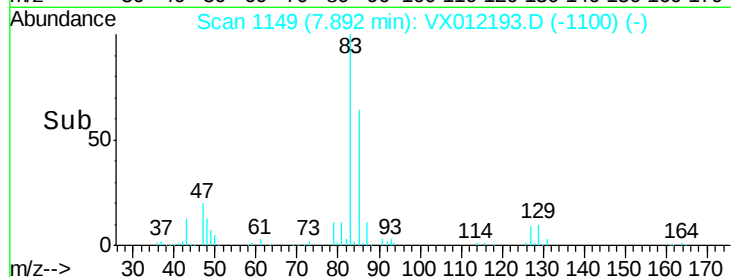
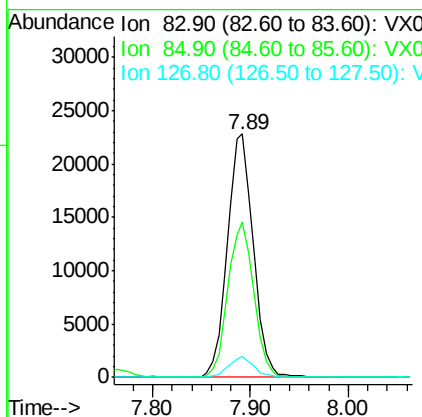
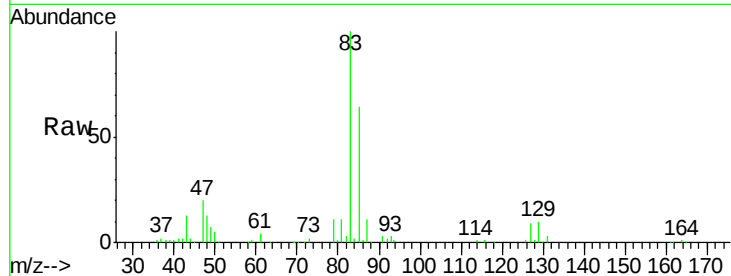
ClientSampleId :

VX0907SBSD02

Tot Ion:	83	Resp:	41808
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.3	75.5
127	8.8	8.1	12.1

Manual Integrations
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MMDadoda
9/9/2019 9:19:25 AM



#48

Methyl methacrylate

Concen: 21.729 ug/l

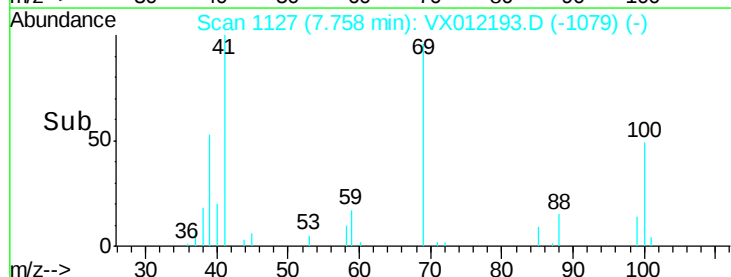
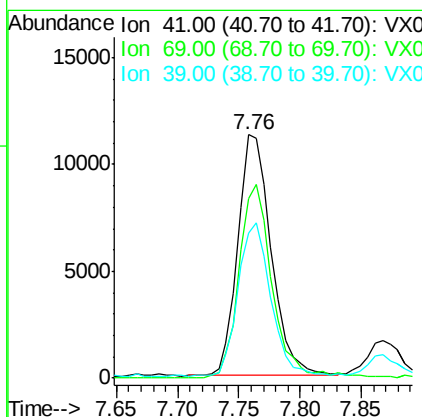
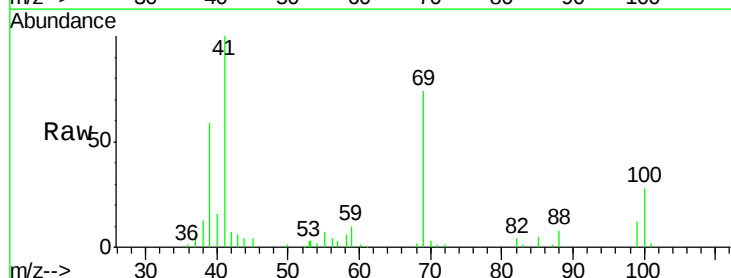
RT: 7.76 min Scan# 1127

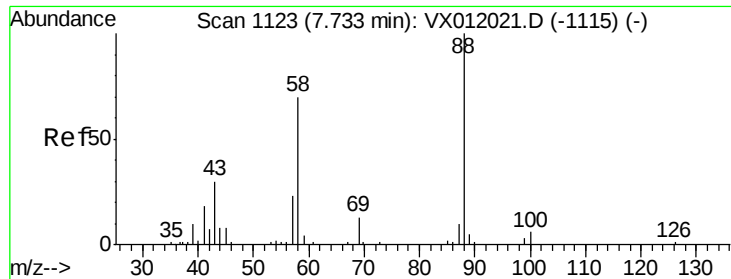
Delta R.T. -0.01 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion:	41	Resp:	21429
Ion	Ratio	Lower	Upper
41	100		
69	80.3	66.3	99.5
39	62.5	48.1	72.1





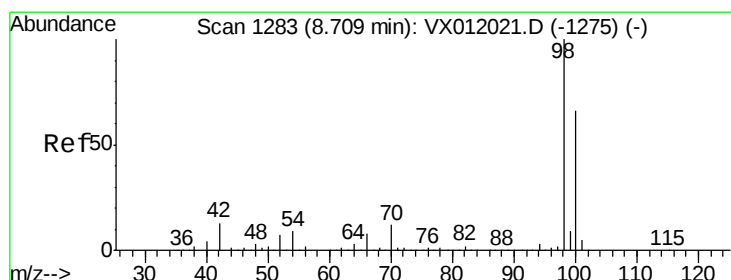
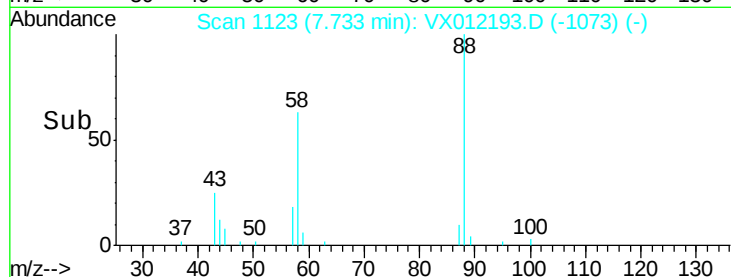
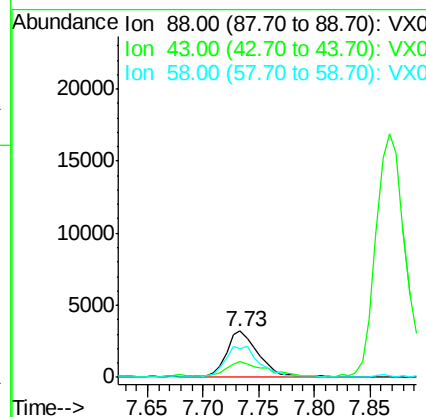
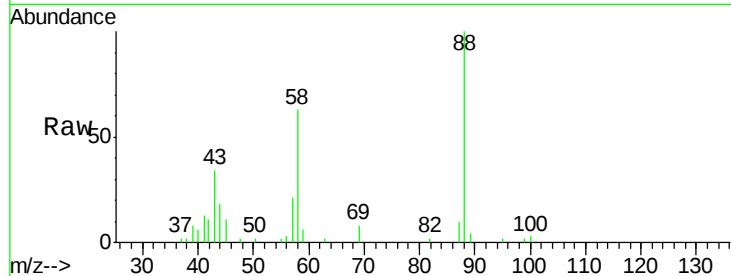
#49
1,4-Dioxane
Concen: 479.182 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.8	44.6
58	73.1	55.4	83.2

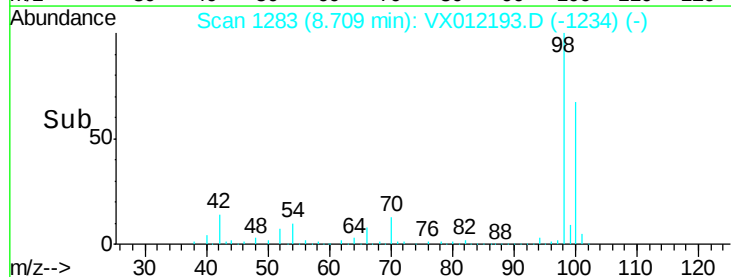
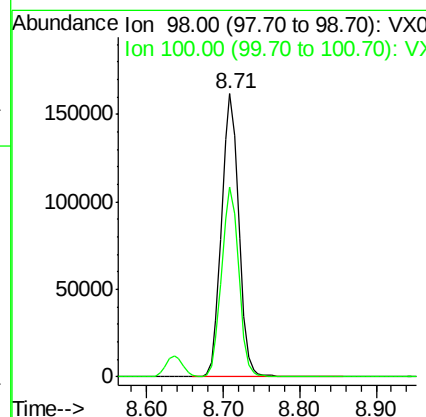
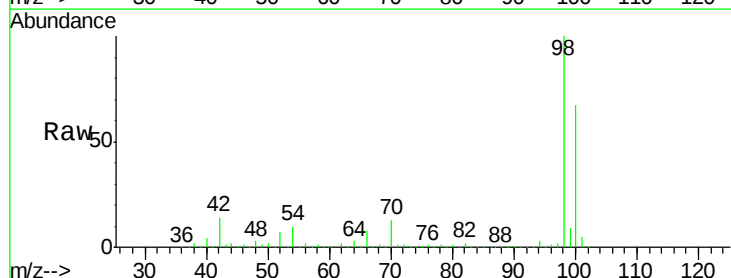
Manual Integrations
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#50
Toluene-d8
Concen: 55.875 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 116.616 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS02

Tot Ion: 43 Resp: 116338

Ion Ratio Lower Upper

43 100

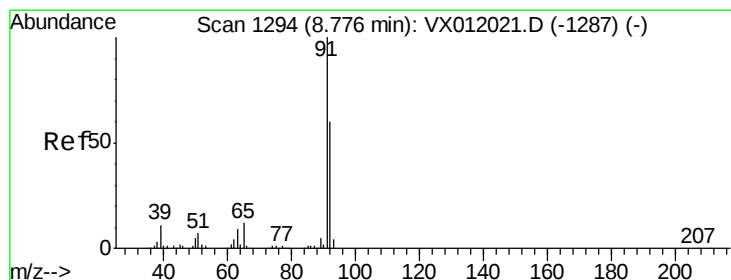
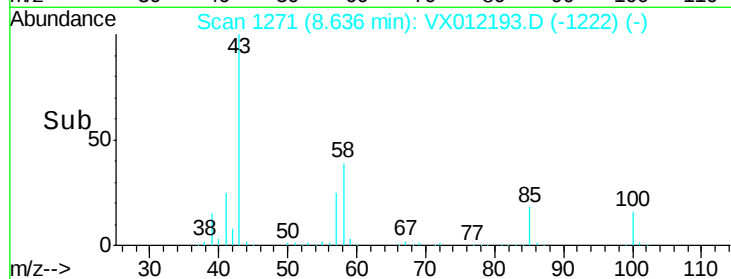
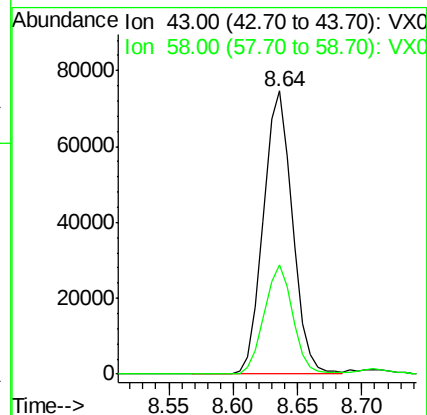
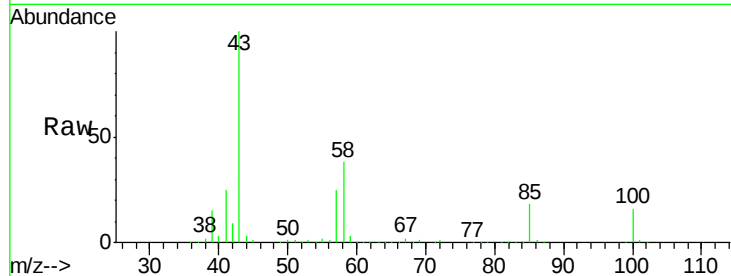
58 38.0 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 20.271 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012193.D

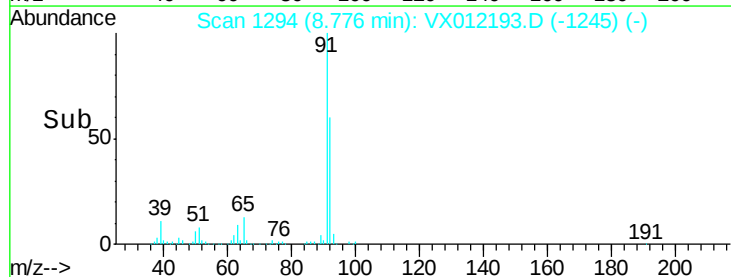
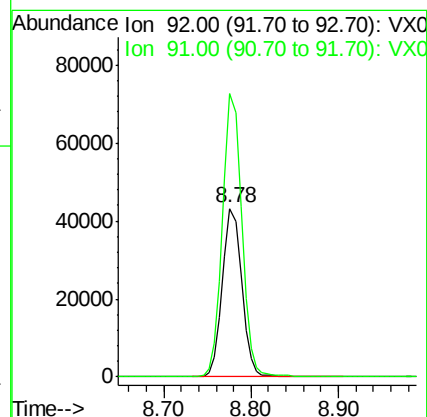
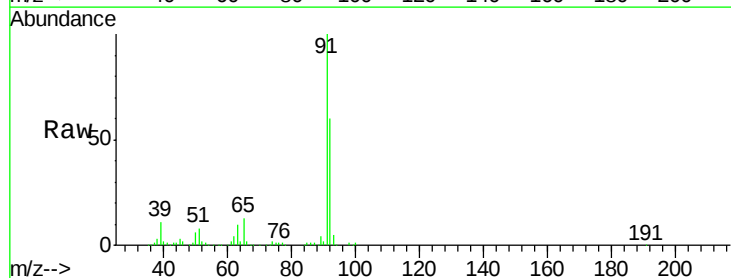
Acq: 08 Sep 2019 00:41

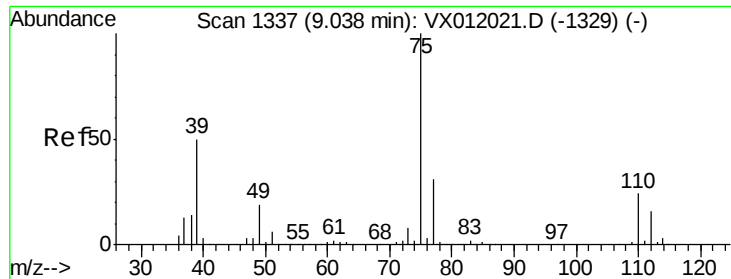
Tgt Ion: 92 Resp: 67165

Ion Ratio Lower Upper

92 100

91 166.5 136.0 204.0





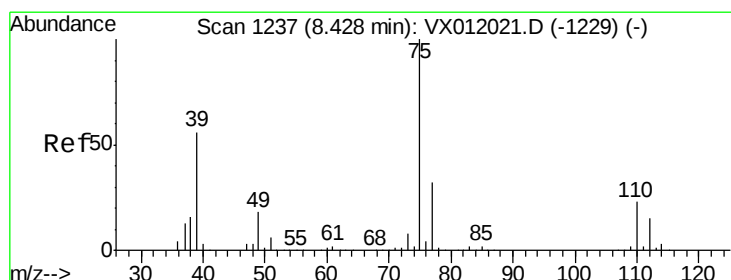
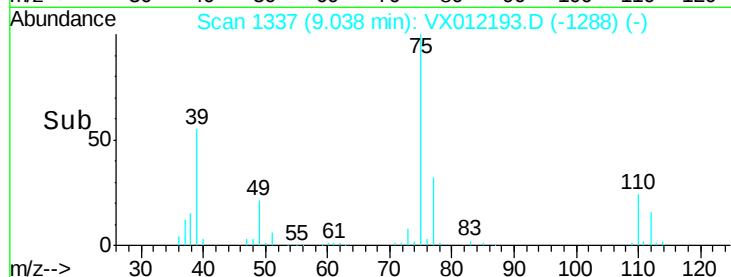
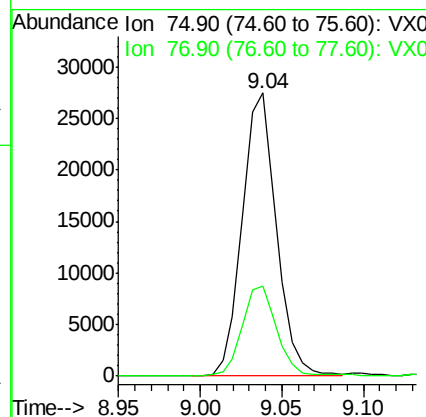
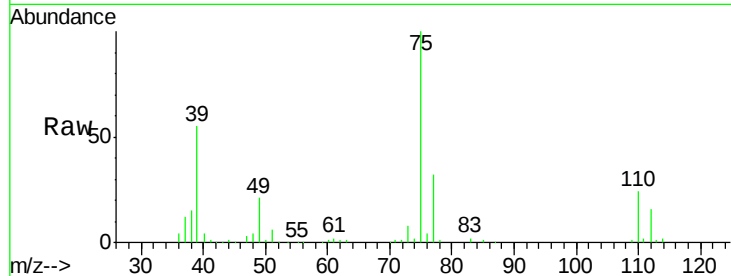
#53
t-1,3-Dichloropropene
Concen: 19.880 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

Tot Ion: 75 Resp: 40181
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7

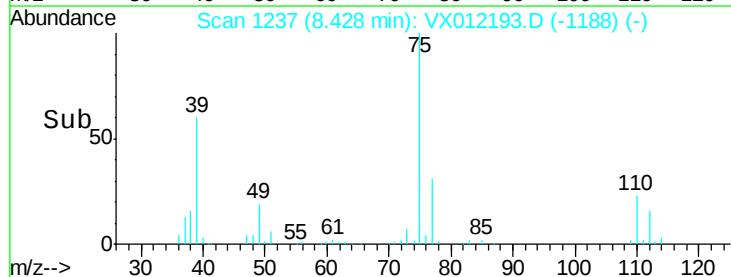
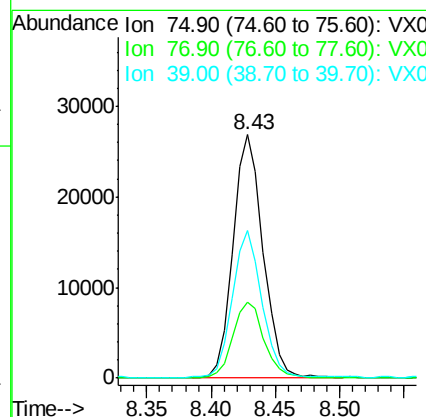
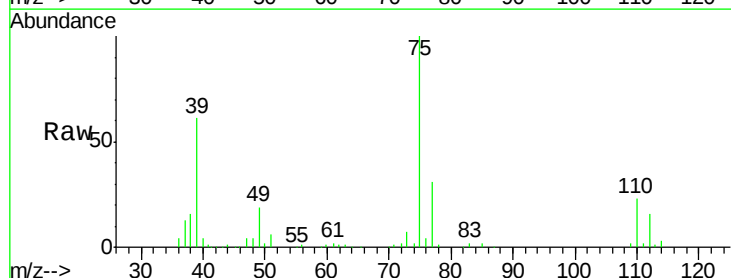
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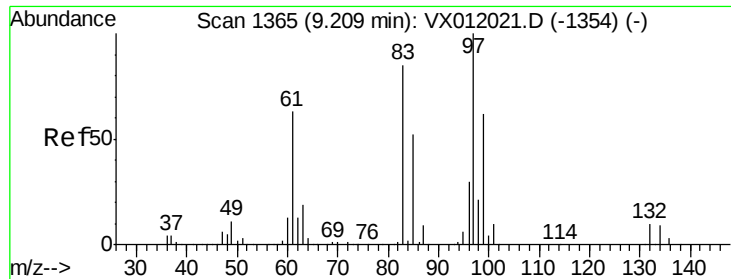
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.478 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion: 75 Resp: 43778
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 60.2 43.0 64.4





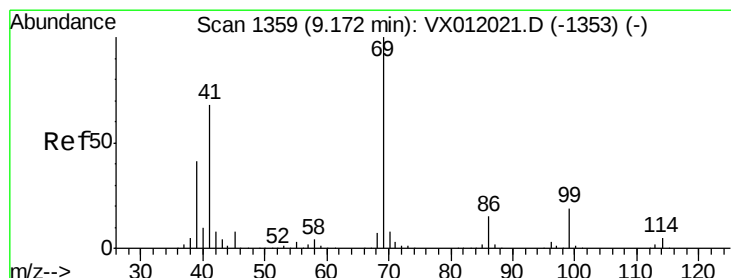
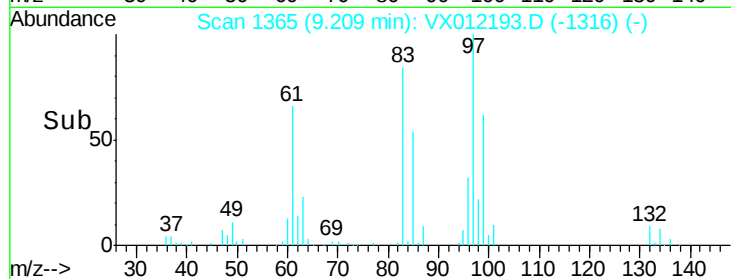
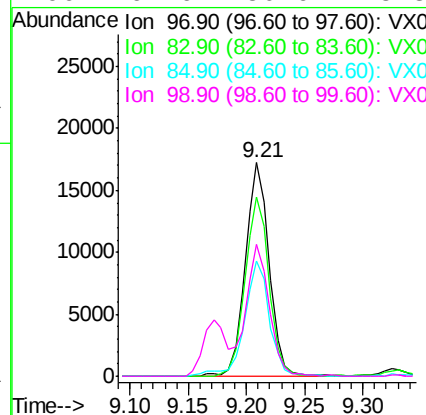
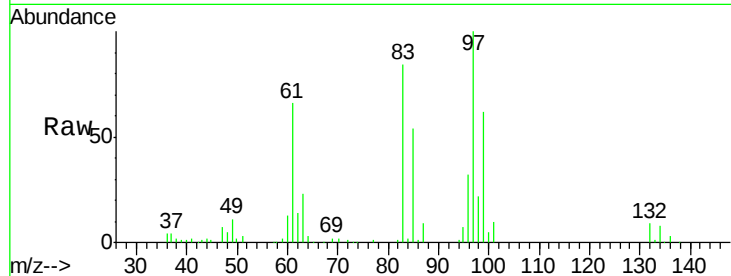
#55
 1,1,2-Trichloroethane
 Concen: 22.367 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion:	97	Resp:	24560
Ion Ratio	Lower	Upper	
97	100		
83	83.8	66.0	99.0
85	54.2	41.0	61.6
99	61.6	50.6	75.8

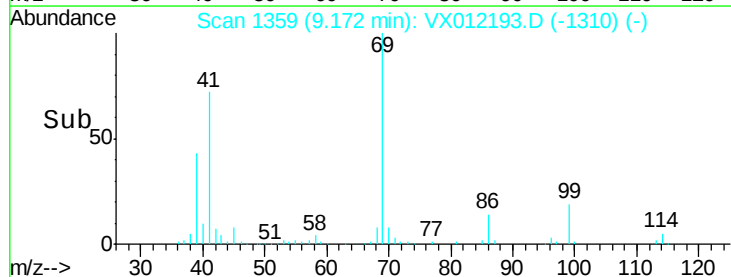
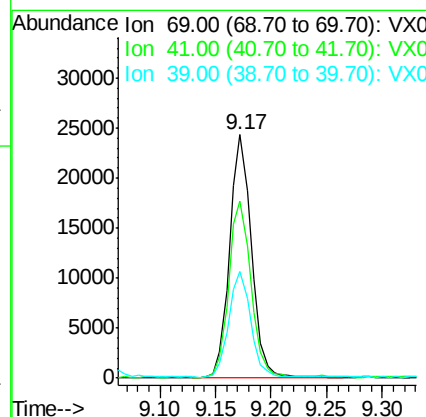
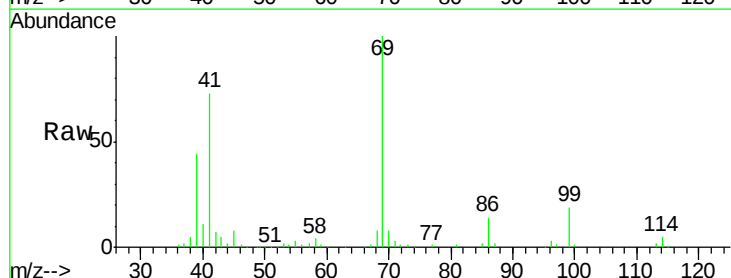
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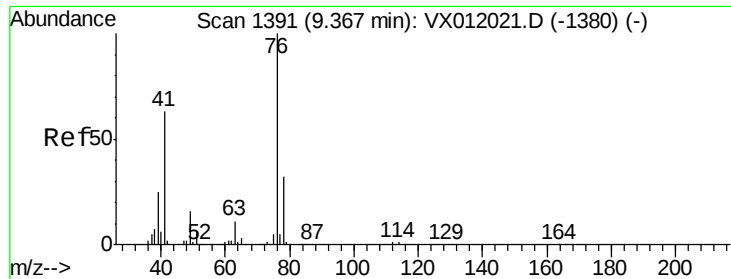
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#56
 Ethyl methacrylate
 Concen: 21.200 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion:	69	Resp:	33343
Ion Ratio	Lower	Upper	
69	100		
41	73.3	53.9	80.9
39	43.2	31.1	46.7





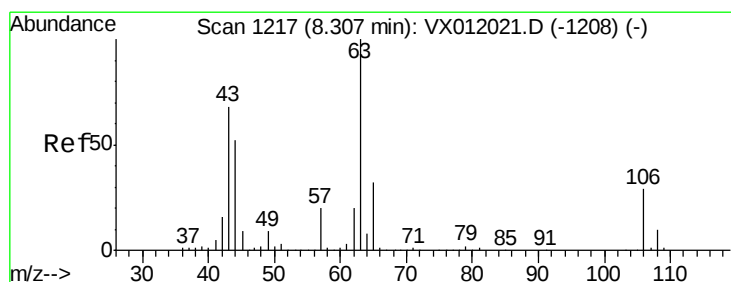
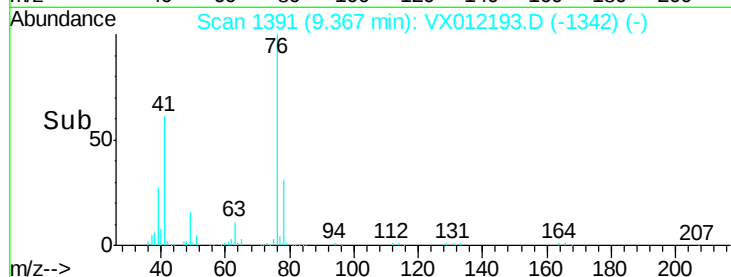
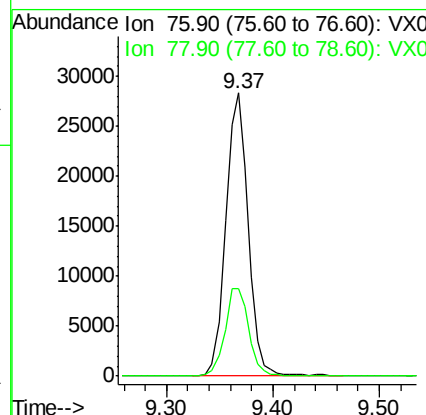
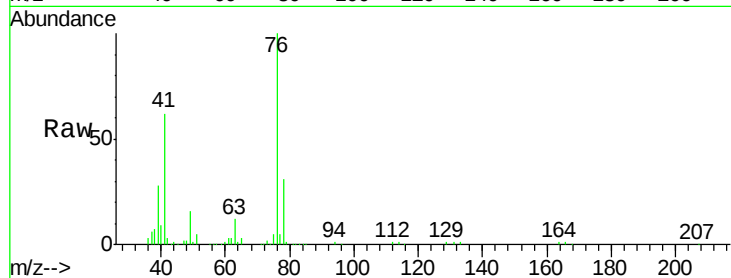
#57
 1,3-Dichloropropane
 Concen: 21.900 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.5	38.3

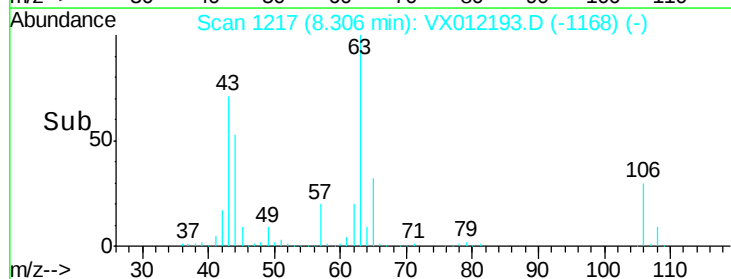
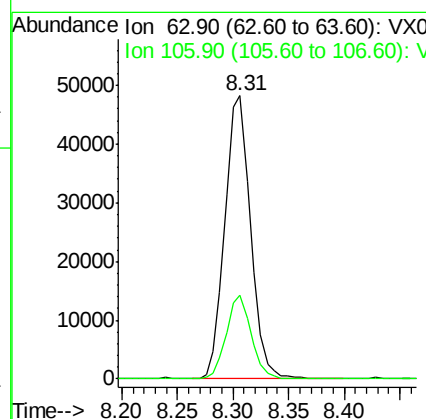
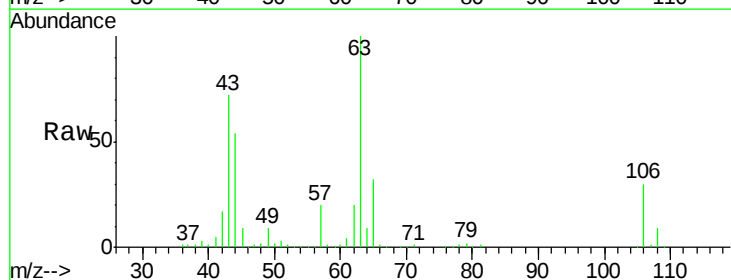
Manual Integrations
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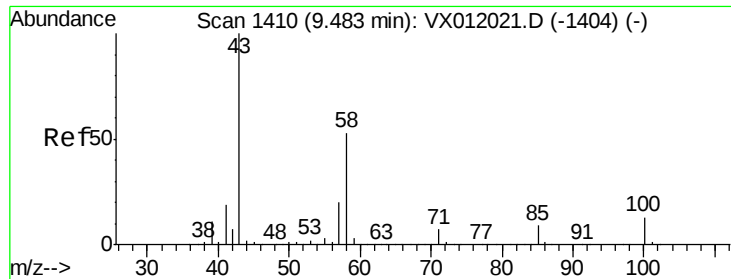
MMDadoda
 9/9/2019 9:19:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.240 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	26.5	39.7





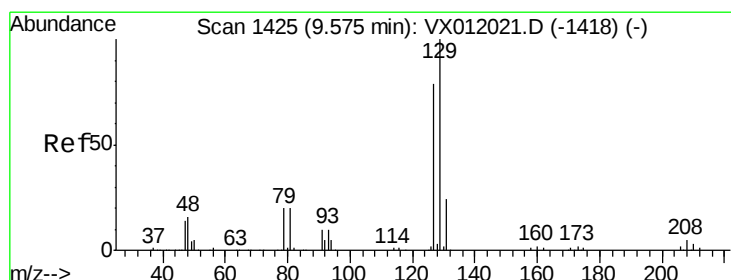
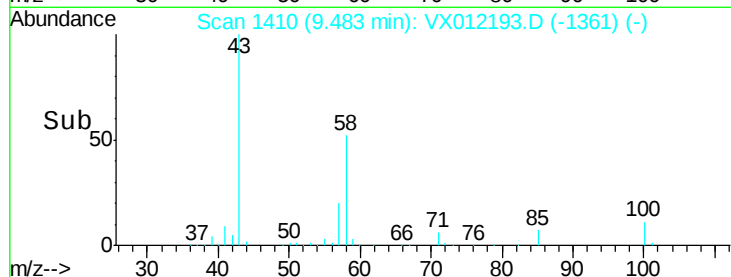
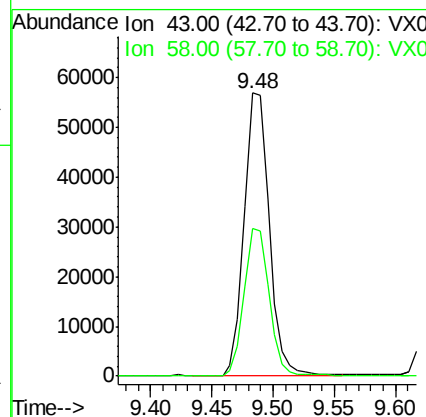
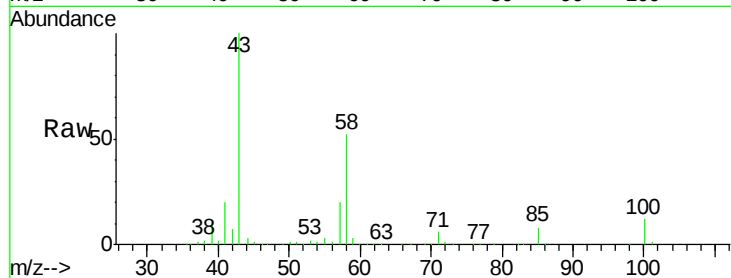
#59
2-Hexanone
Concen: 110.923 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

Tot Ion: 43 Resp: 80745
Ion Ratio Lower Upper
43 100
58 53.1 27.2 81.6

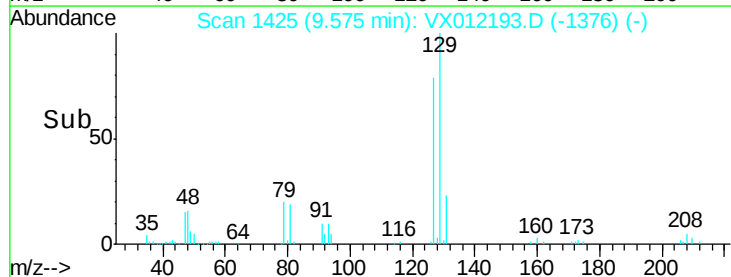
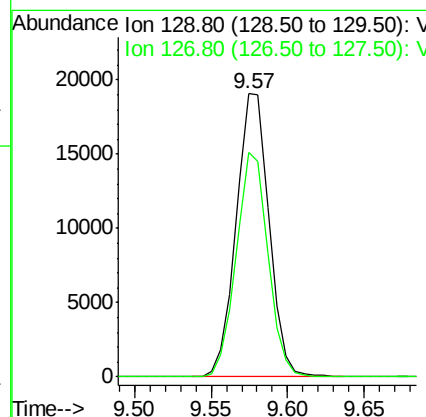
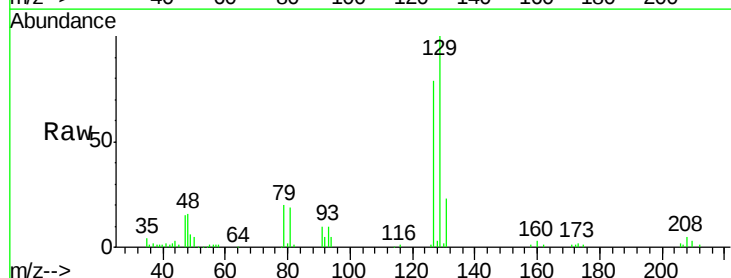
Manual Integrations
APPROVED

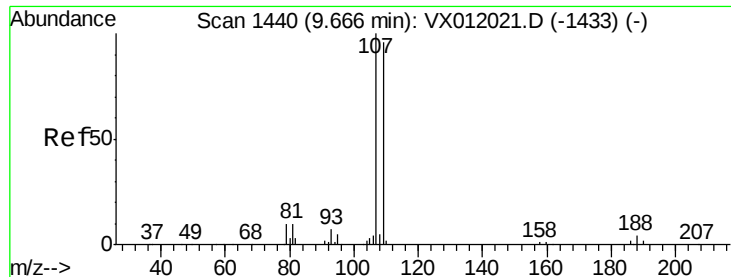
MMDadoda
9/9/2019 9:19:25 AM



#60
Dibromochloromethane
Concen: 21.683 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion: 129 Resp: 28376
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





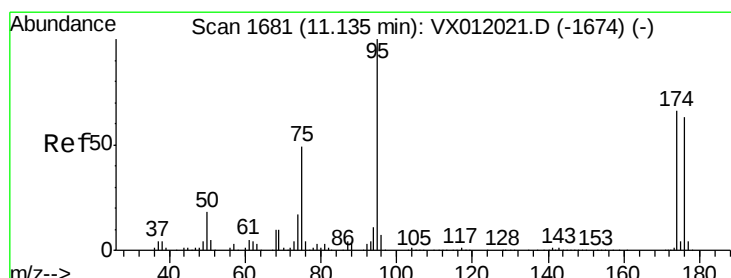
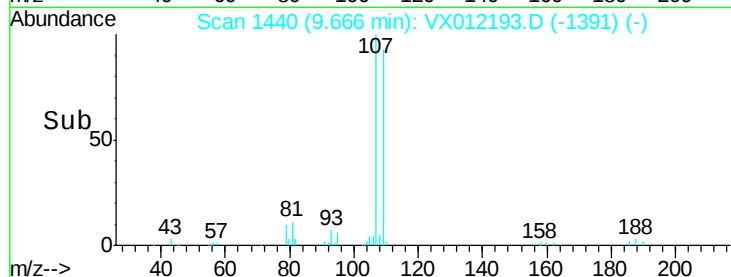
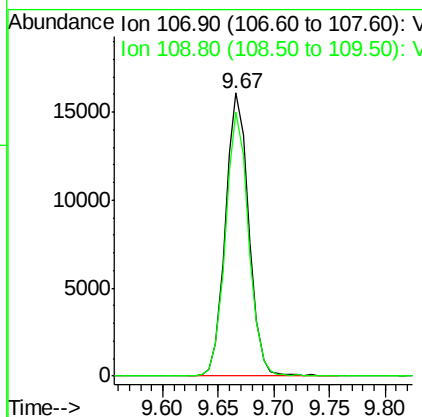
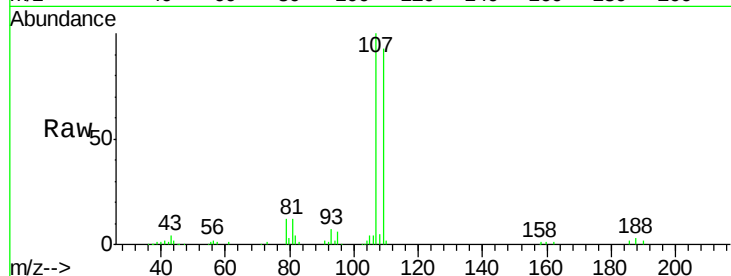
#61
 1,2-Dibromoethane
 Concen: 21.996 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	76.9	115.3

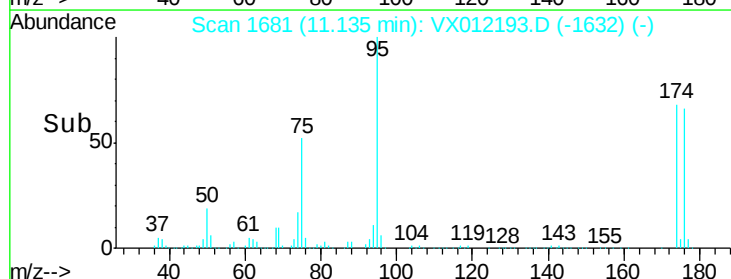
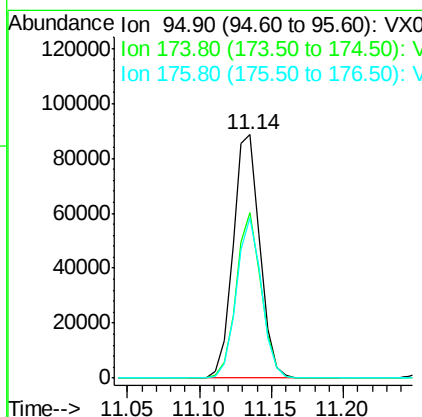
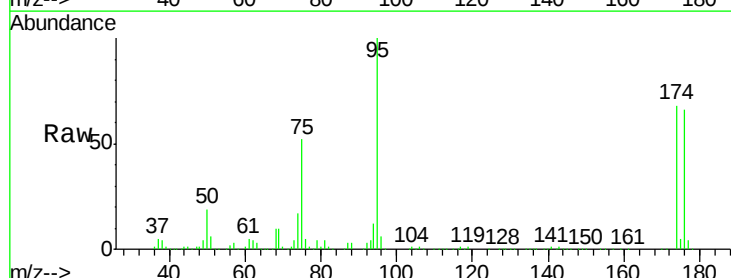
Manual Integrations
 APPROVED

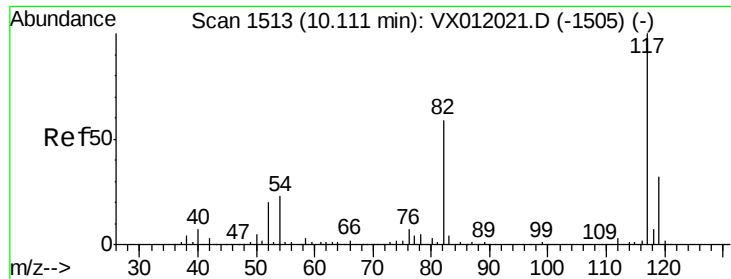
MMDadoda
 9/9/2019 9:19:25 AM



#62
 4-Bromofluorobenzene
 Concen: 54.428 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.6	0.0	205.4
176	61.8	0.0	201.8





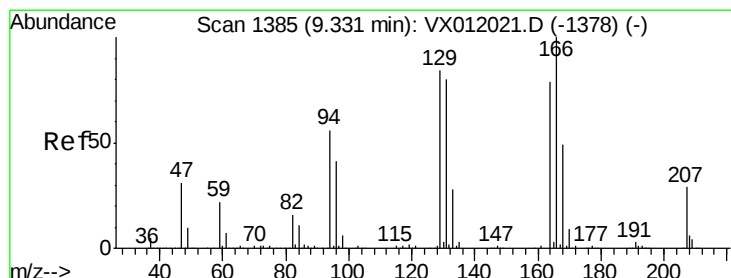
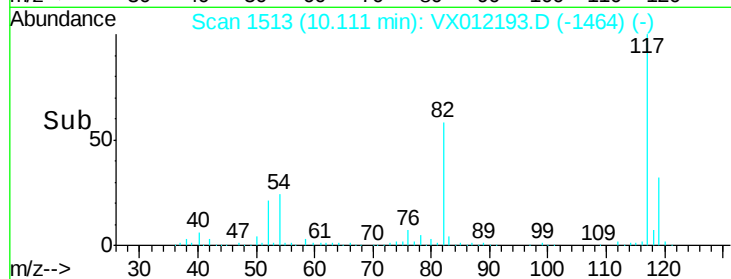
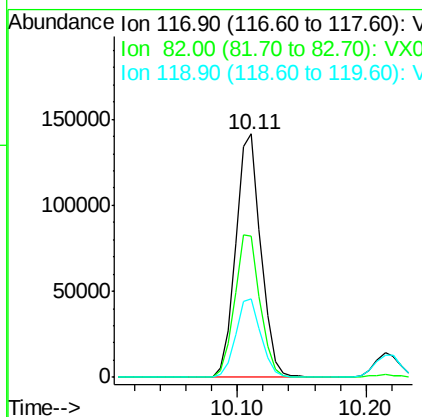
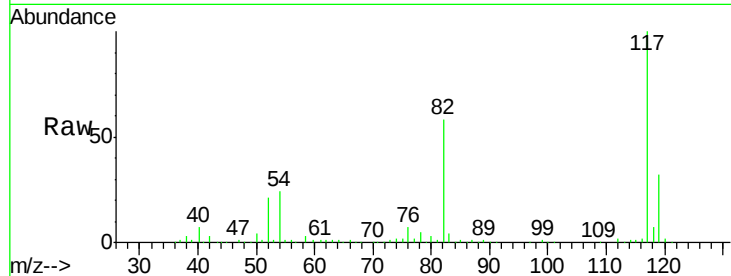
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	39.4	59.0
119	32.3	26.1	39.1

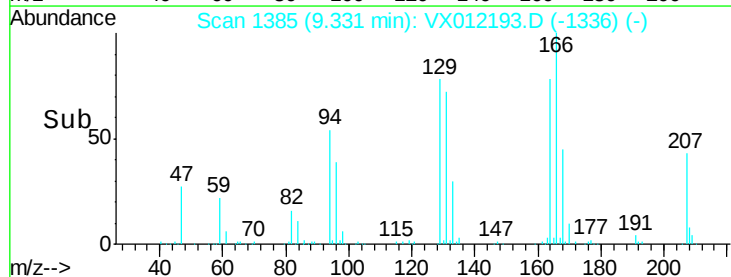
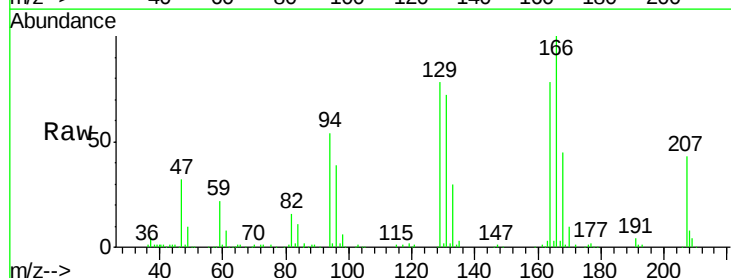
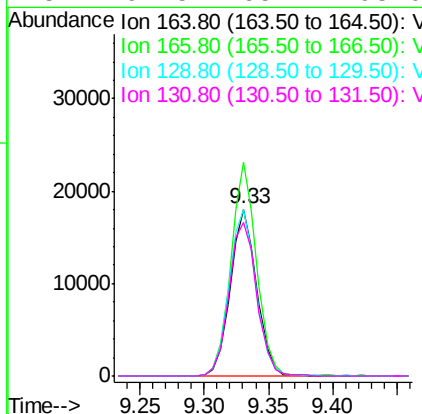
Manual Integrations
APPROVED

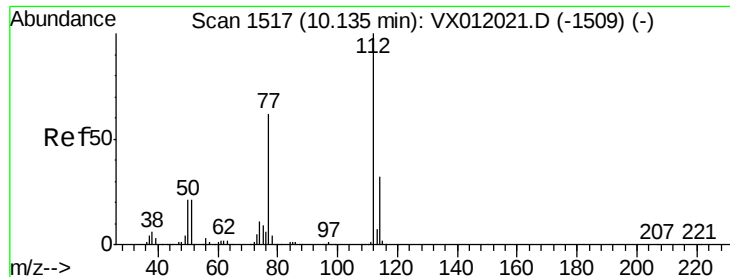
MMDadoda
9/9/2019 9:19:25 AM



#64
Tetrachloroethene
Concen: 21.497 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	104.3	156.5
129	99.9	68.3	102.5
131	92.5	65.4	98.0





#65

Chlorobenzene

Concen: 20.421 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD02

Tot Ion:112 Resp: 77097

Ion Ratio Lower Upper

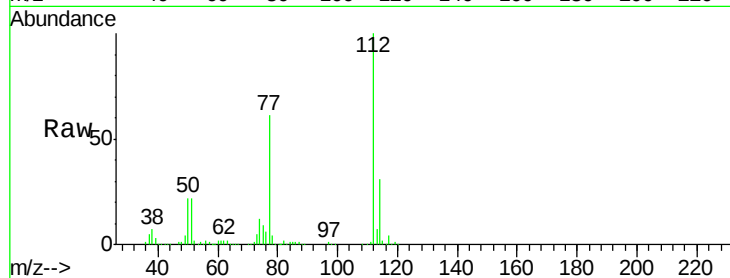
112 100

114 31.1 26.2 39.2

Manual Integrations
APPROVED

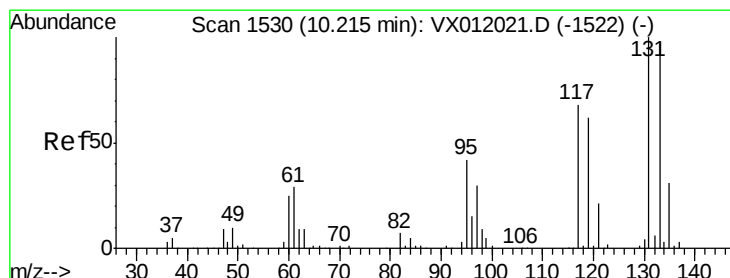
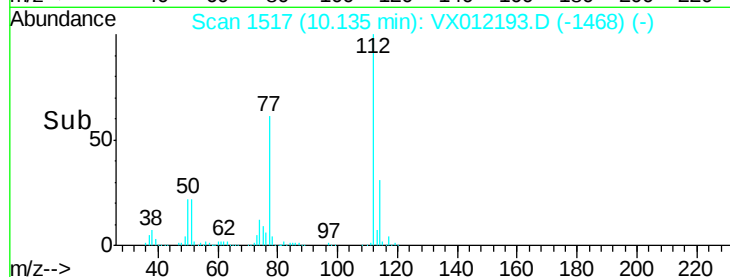
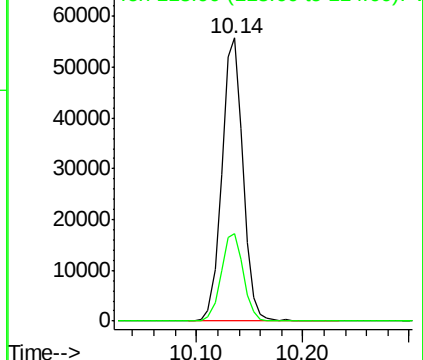
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.314 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

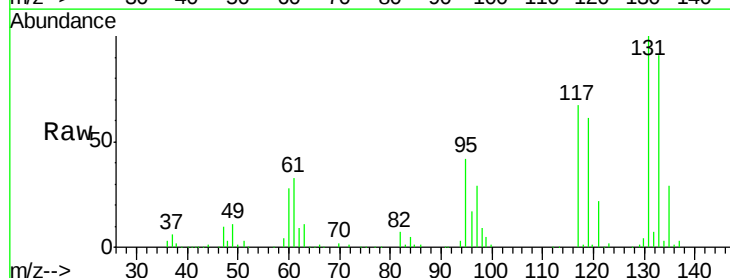
Tgt Ion:131 Resp: 29423

Ion Ratio Lower Upper

131 100

133 93.2 48.4 145.0

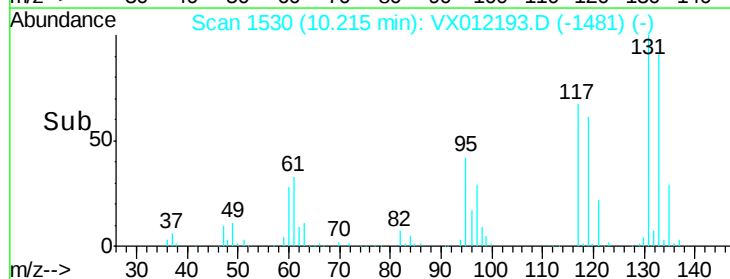
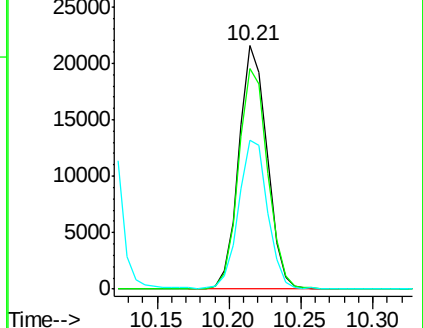
119 63.2 30.5 91.5

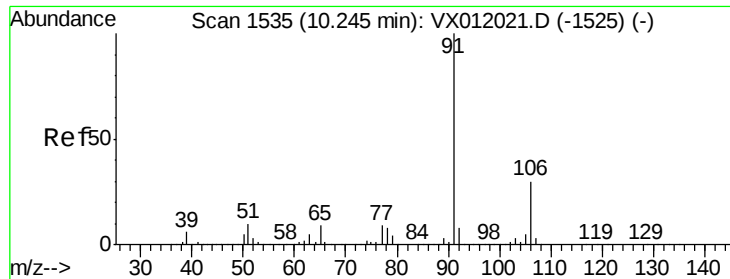


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





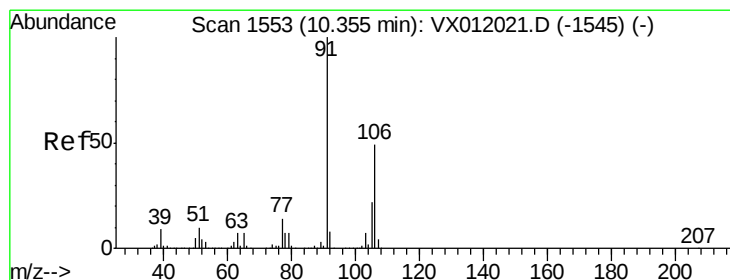
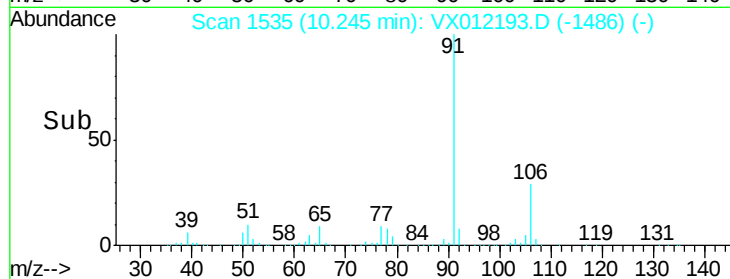
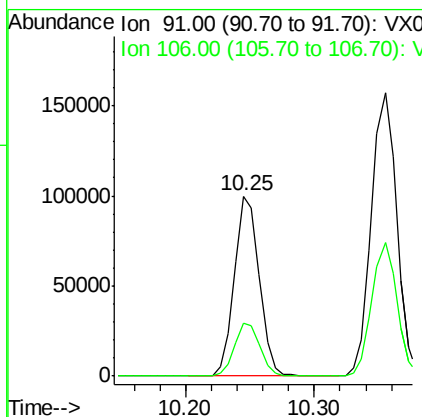
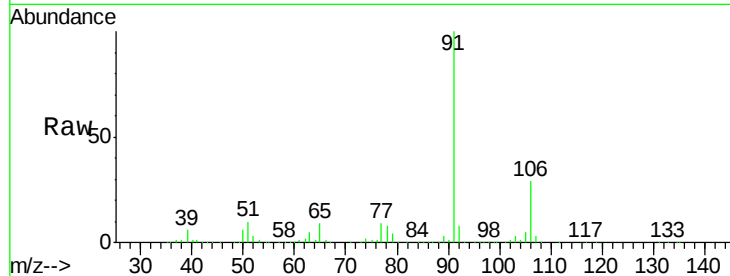
#67
Ethyl Benzene
Concen: 19.635 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion: 91 Resp: 135118
Ion Ratio Lower Upper
91 100
106 29.4 25.8 38.8

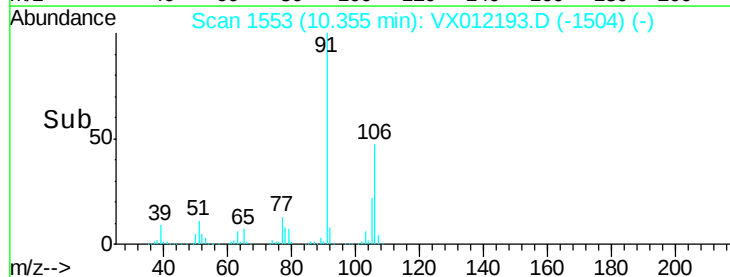
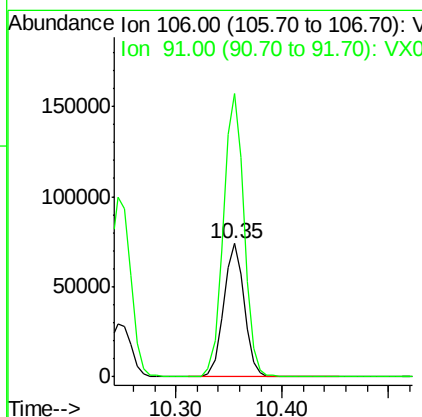
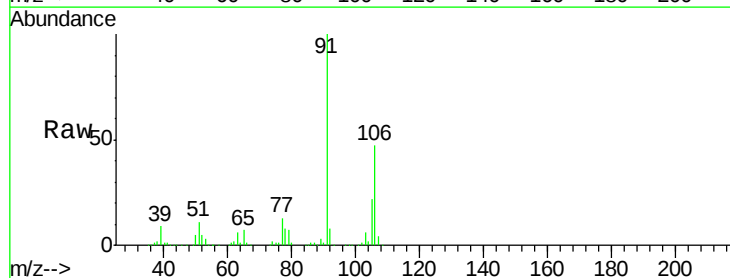
Manual Integrations
APPROVED

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#68
m/p-Xylenes
Concen: 39.598 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion: 106 Resp: 100399
Ion Ratio Lower Upper
106 100
91 212.1 157.5 236.3





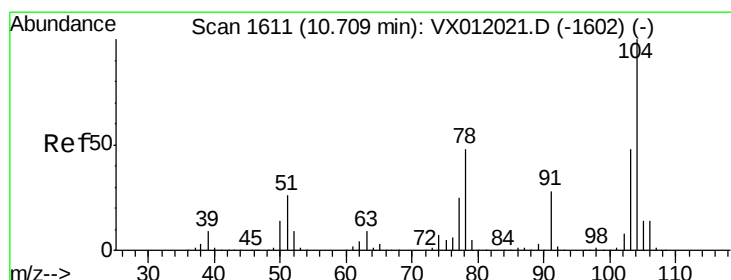
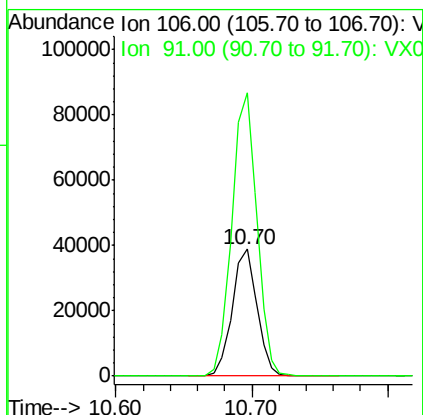
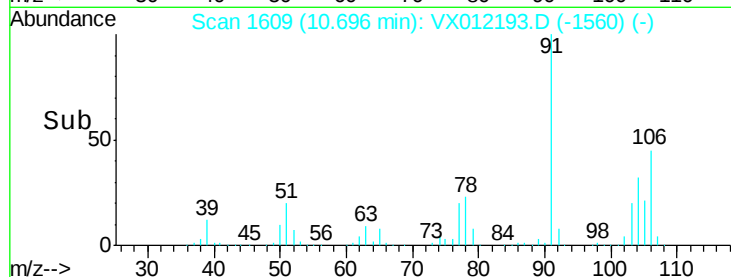
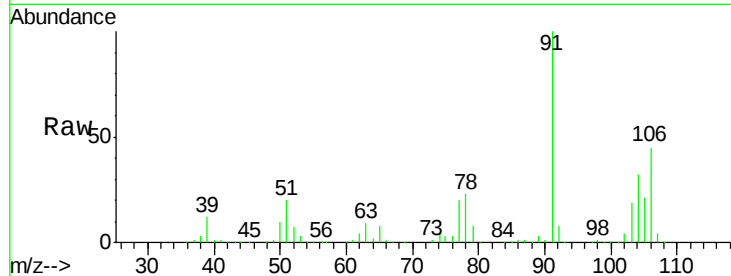
#69
o-Xylene
Concen: 20.144 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleID :
VX0907SBS02

Tot Ion:106 Resp: 49527
Ion Ratio Lower Upper
106 100
91 225.2 103.5 310.3

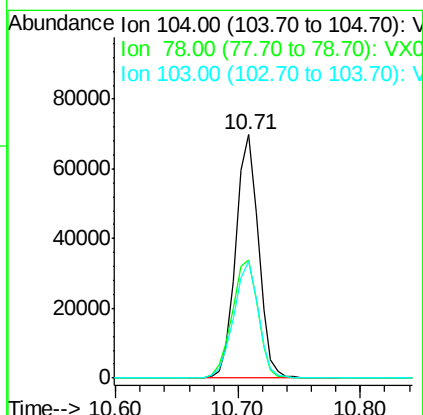
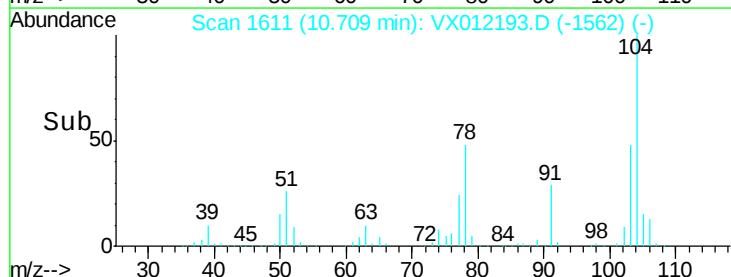
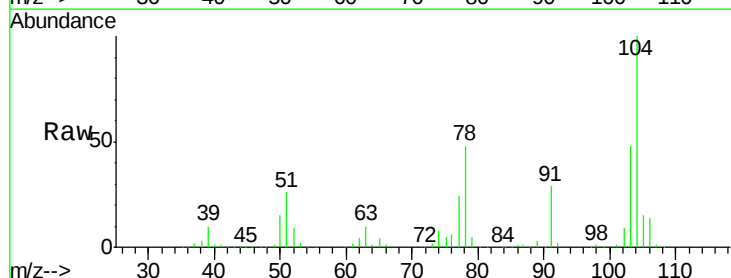
Manual Integrations
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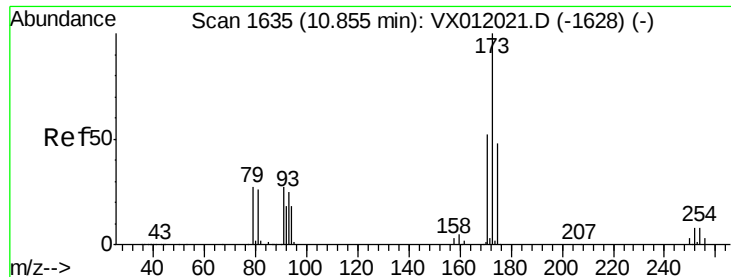
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#70
Styrene
Concen: 20.904 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion:104 Resp: 89271
Ion Ratio Lower Upper
104 100
78 55.7 39.1 58.7
103 52.4 43.4 65.2





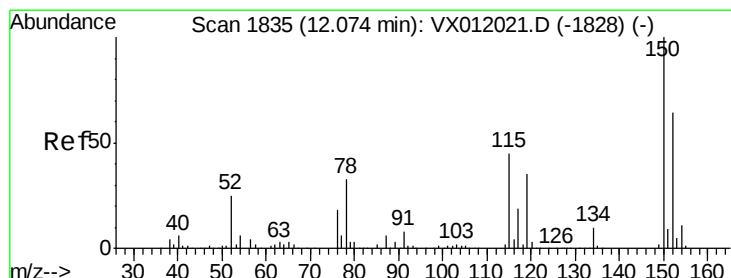
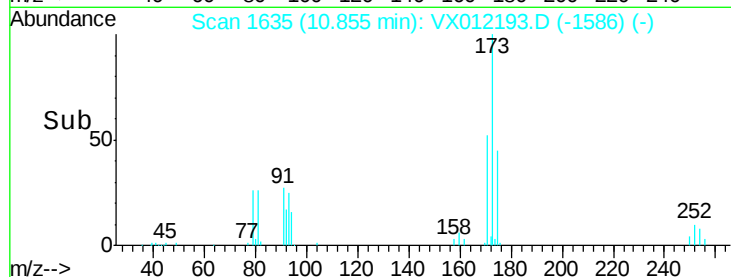
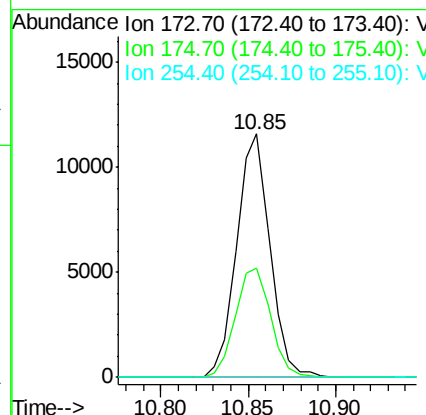
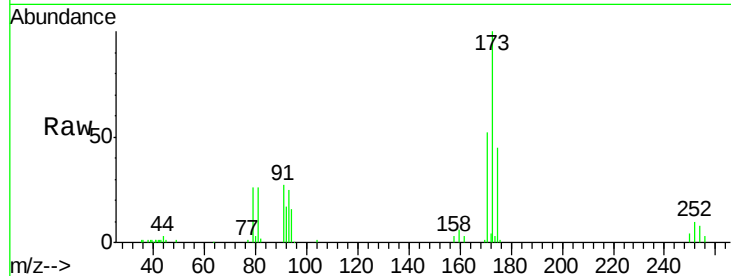
#71
Bromoform
Concen: 20.162 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.9	74.7
254	0.0	0.1	0.1#

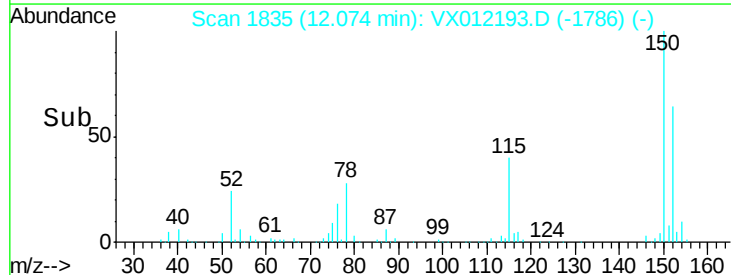
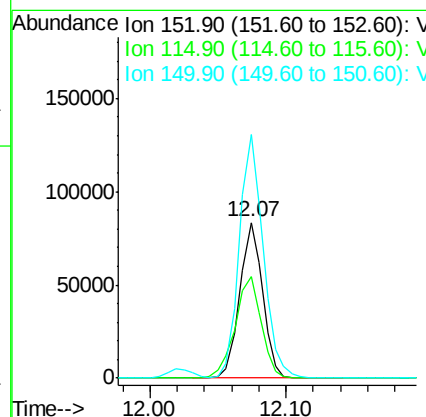
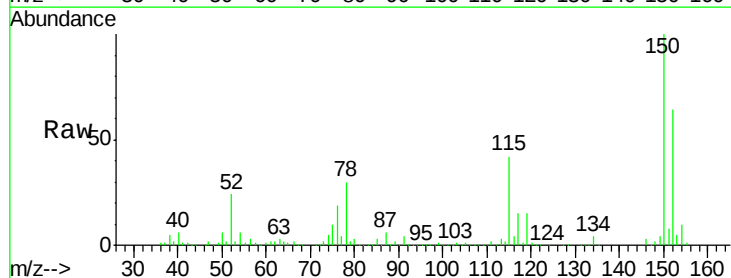
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.7	36.4	109.3
150	164.3	0.0	341.2





#73

Isopropylbenzene

Concen: 18.910 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 105 Resp: 135164

Ion Ratio Lower Upper

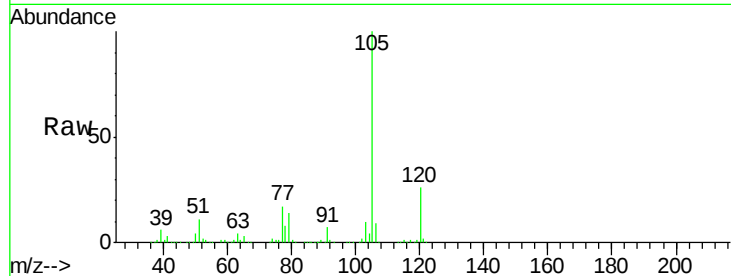
105 100

120 26.1 13.9 41.6

Manual Integrations
APPROVED

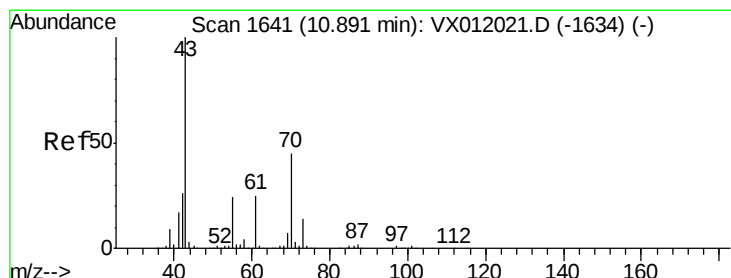
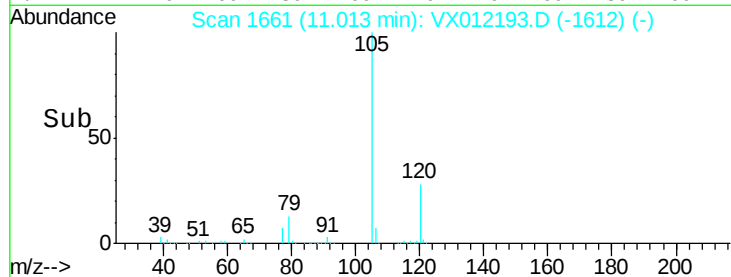
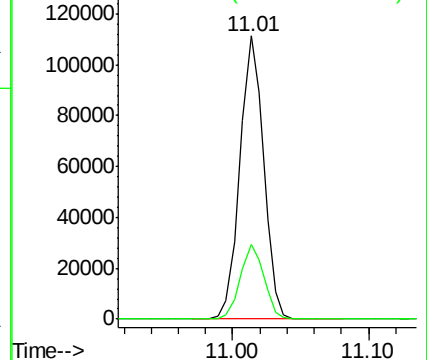
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.232 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion: 43 Resp: 42756

Ion Ratio Lower Upper

43 100

70 39.3 34.4 51.6

55 24.4 18.5 27.7

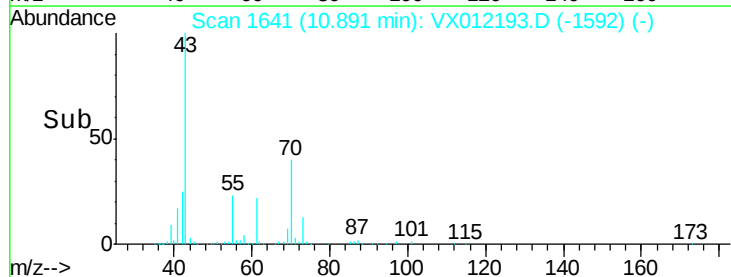
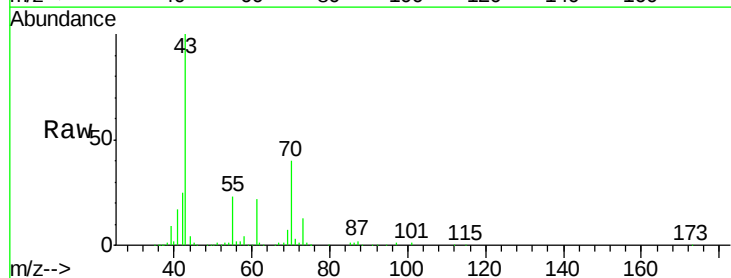
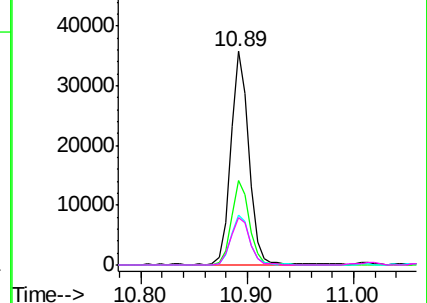
61 23.2 19.5 29.3

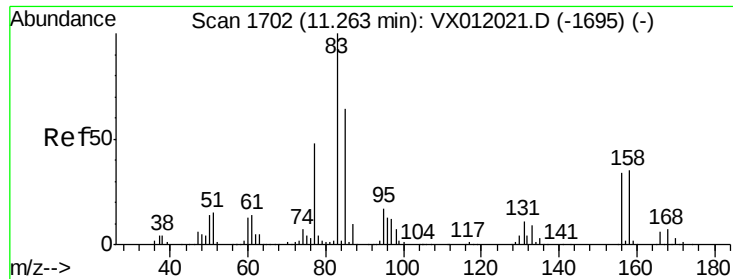
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.626 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

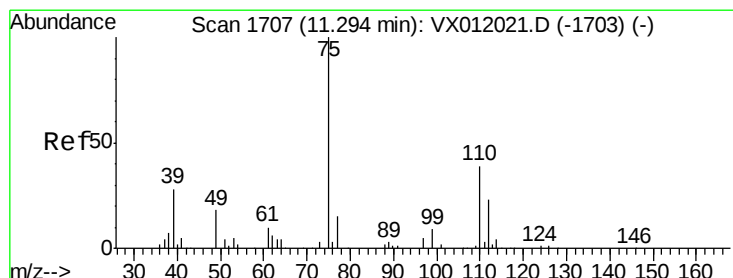
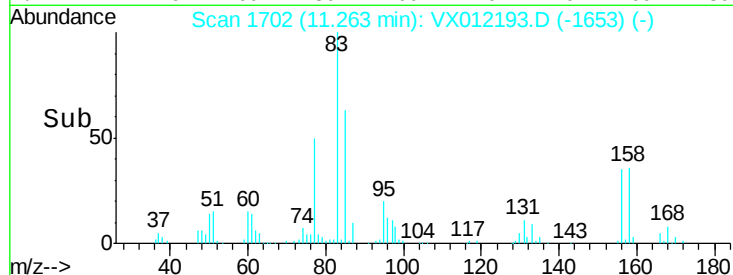
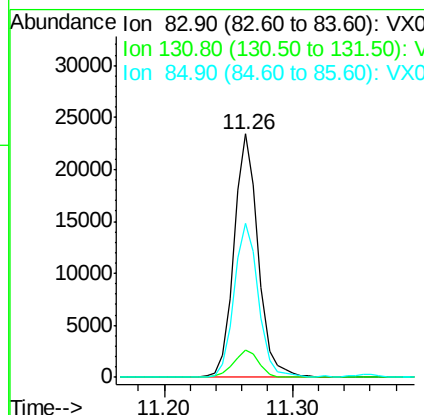
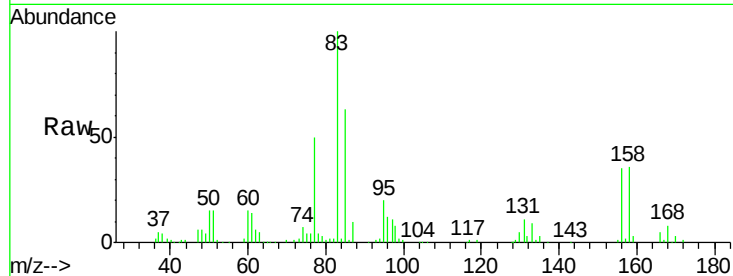
ClientSampleId :

VX0907SBS02

Tot Ion:	83	Resp:	30734
Ion Ratio	Lower	Upper	
83	100		
131	11.7	6.3	19.1
85	64.1	32.5	97.4

Manual Integrations
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9/9/2019 9:19:25 AM



#76

1,2,3-Trichloropropane

Concen: 22.535 ug/l m

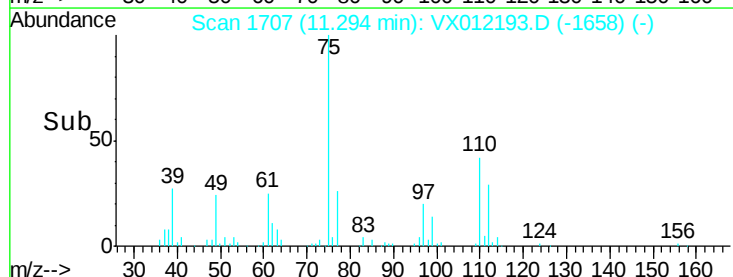
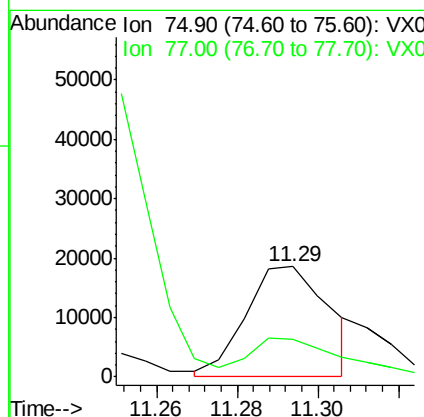
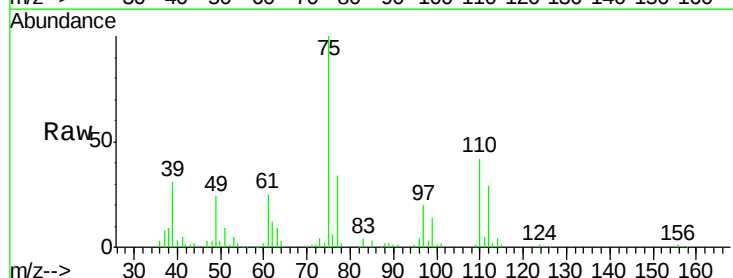
RT: 11.29 min Scan# 1707

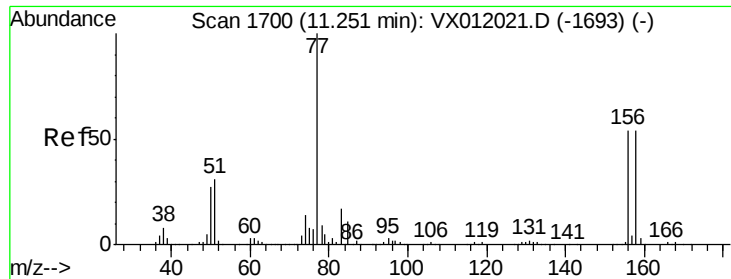
Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion:	75	Resp:	26823
Ion Ratio	Lower	Upper	
75	100		
77	39.1	23.5	70.5





#77

Bromobenzene

Concen: 20.095 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

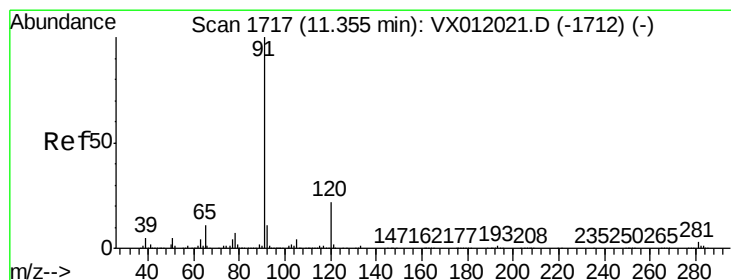
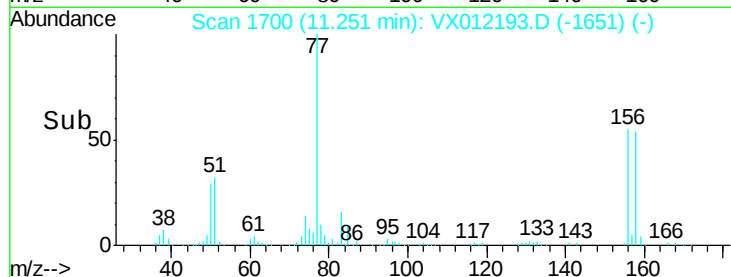
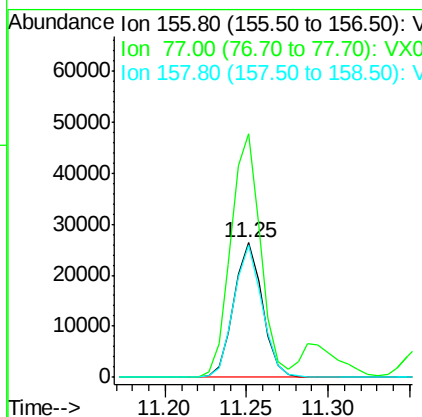
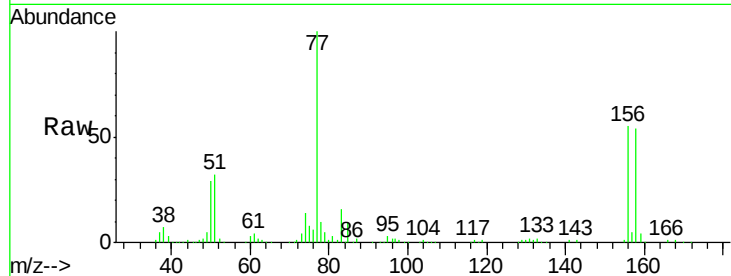
ClientSampleId :

VX0907SBS02

Tot Ion:	156	Resp:	32123
Ion	Ratio	Lower	Upper
156	100		
77	188.0	63.4	190.2
158	97.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 18.123 ug/l

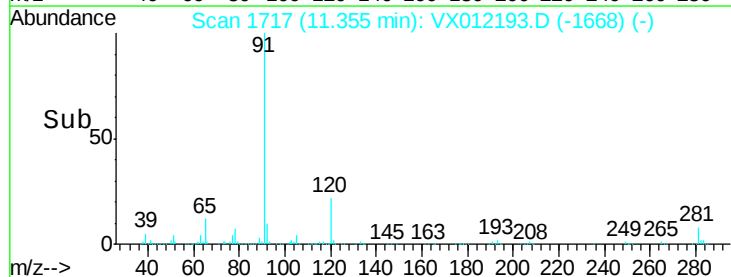
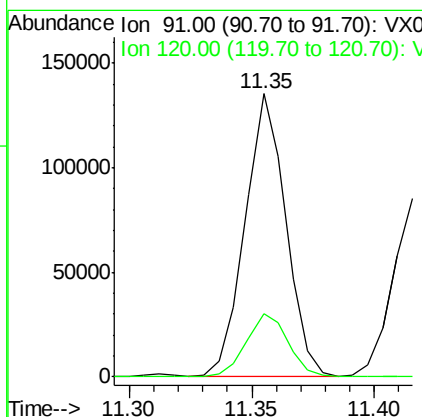
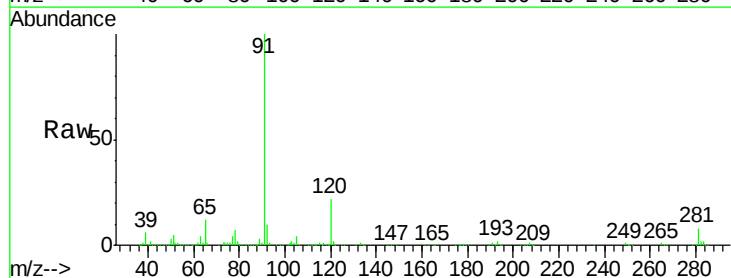
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Tgt Ion:	91	Resp:	156491
Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.7	38.0





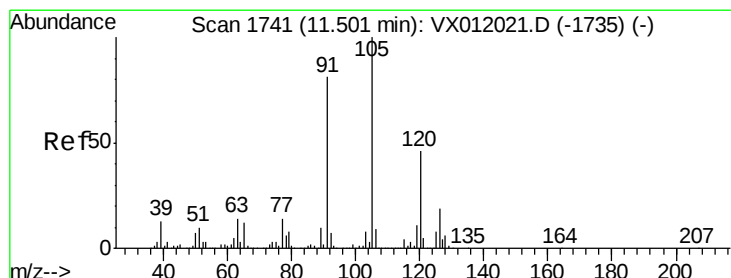
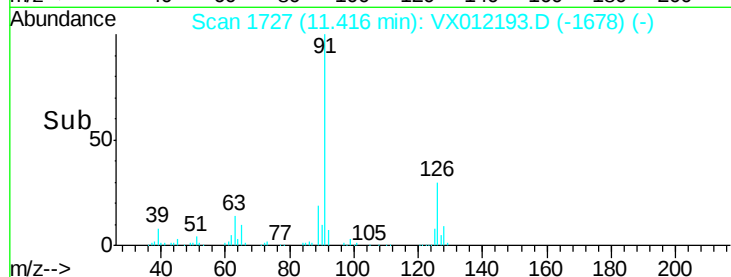
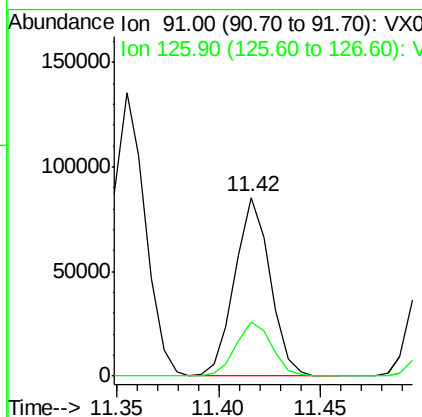
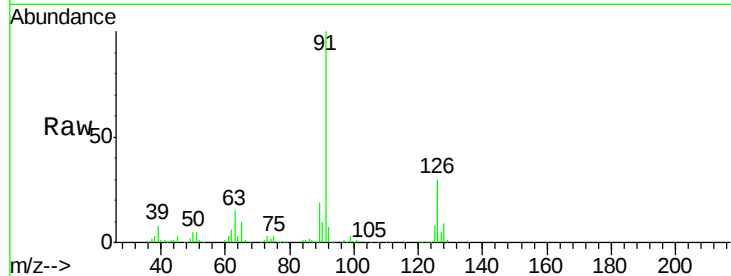
#79
2-Chlorotoluene
Concen: 19.503 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.4	18.6	55.8

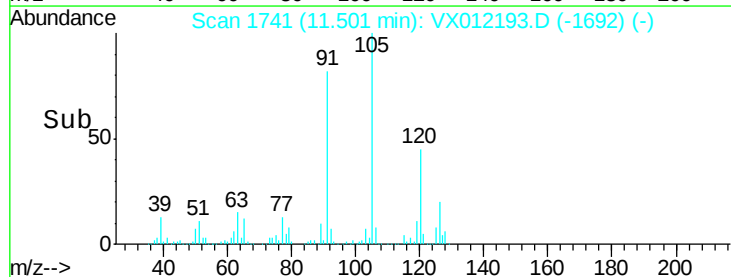
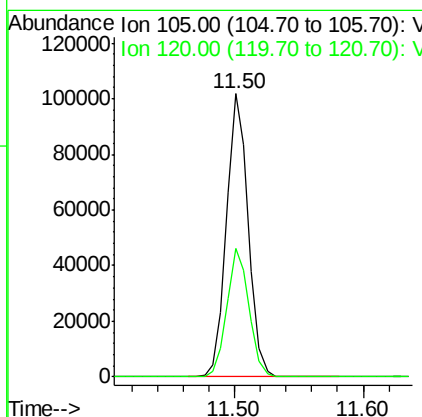
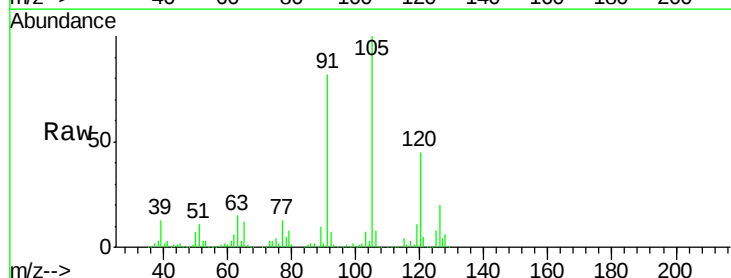
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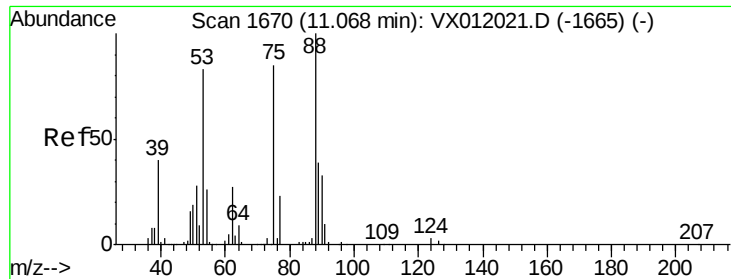
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 19.398 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	25.8	77.3





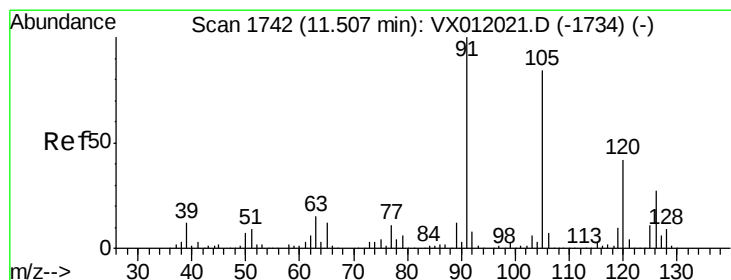
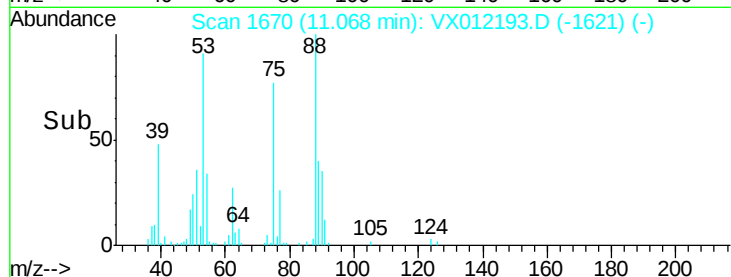
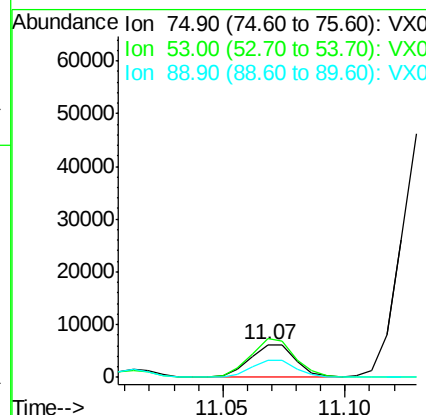
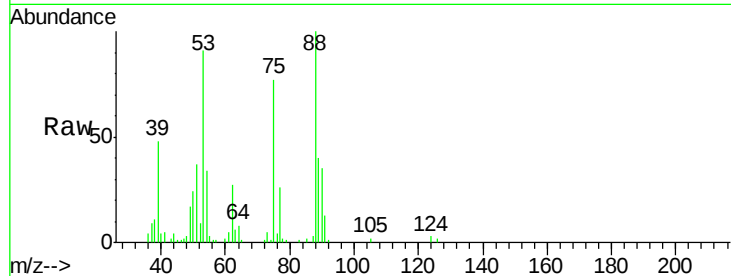
#81
trans-1,4-Dichloro-2-butene
Concen: 16.261 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.3	78.6	117.8
89	50.3	38.8	58.2

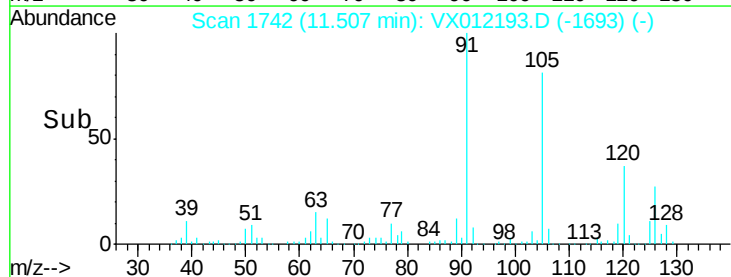
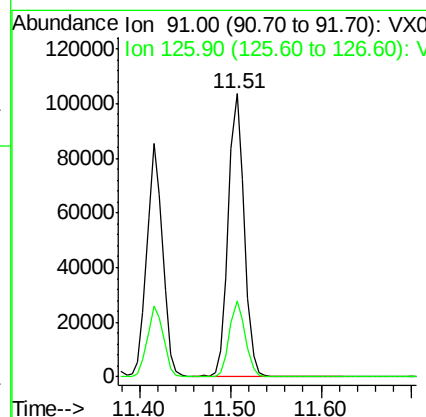
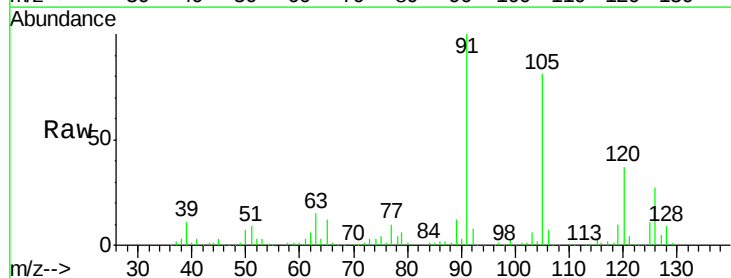
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#82
4-Chlorotoluene
Concen: 20.382 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	26.7	16.2	48.6





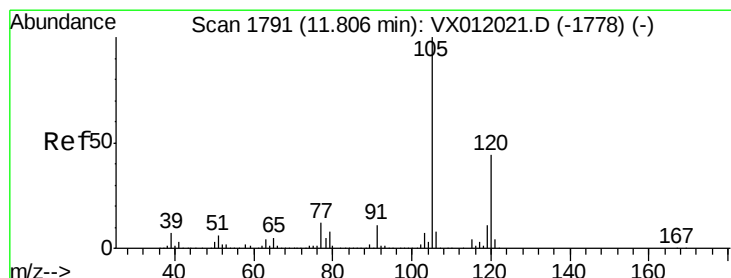
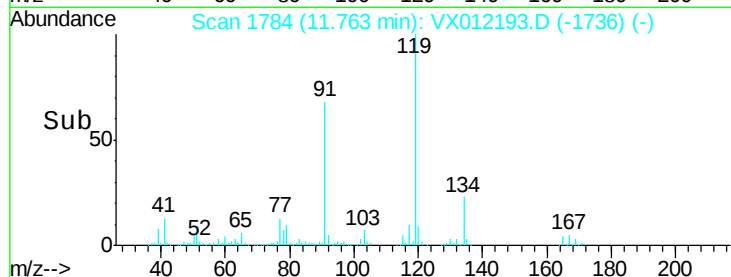
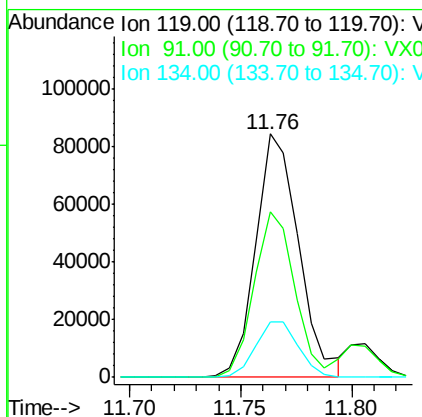
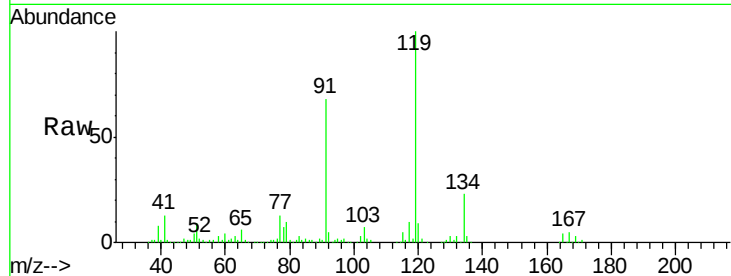
#83
tert-Butylbenzene
Concen: 19.050 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	113727		
91	64.2	27.1	81.2	
134	22.7	12.1	36.3	

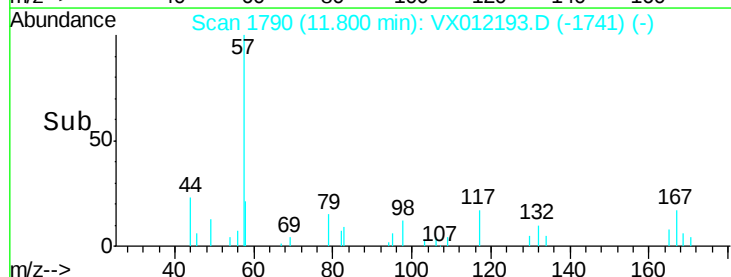
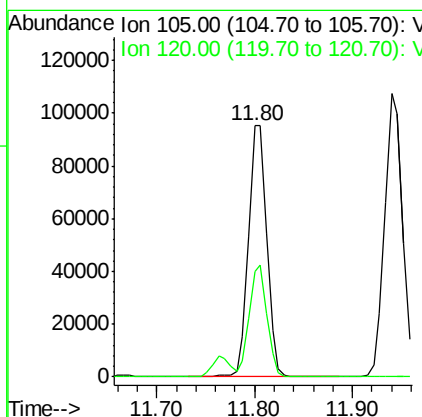
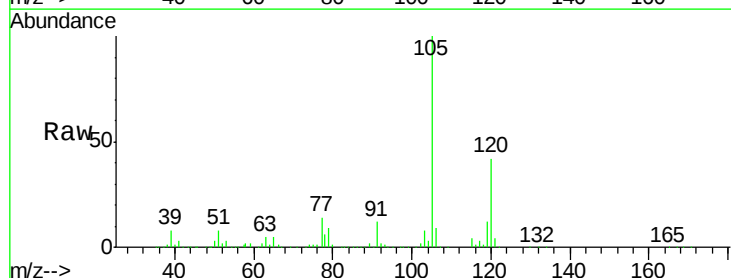
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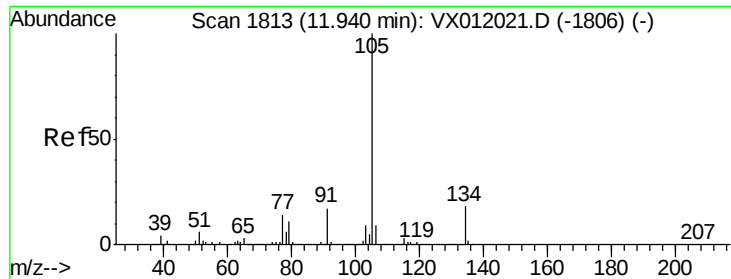
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#84
1,2,4-Trimethylbenzene
Concen: 19.326 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	124414		
120	43.0	23.6	70.8	





#85

sec-Butylbenzene

Concen: 18.261 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion:105 Resp: 135413

Ion Ratio Lower Upper

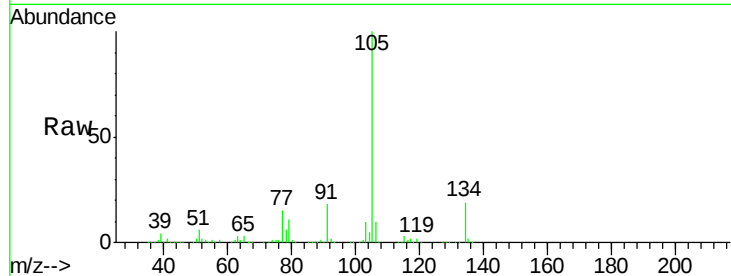
105 100

134 19.5 11.2 33.6

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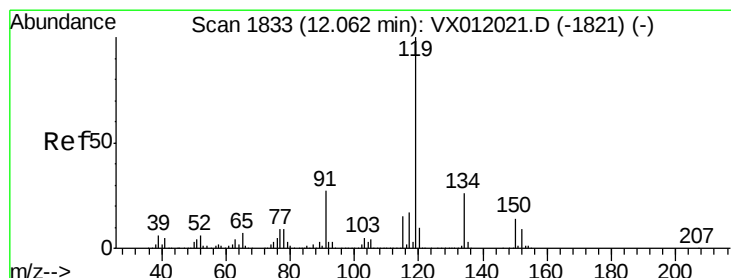
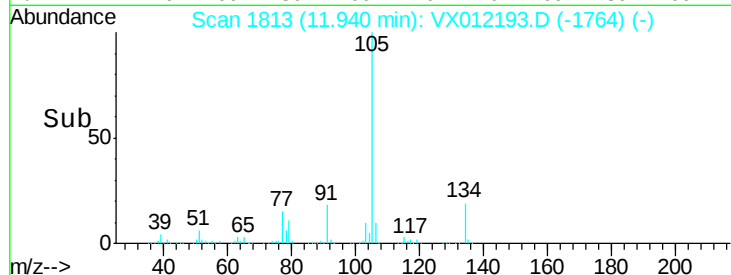
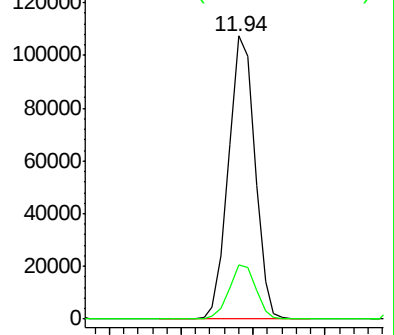
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.692 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012193.D

Acq: 08 Sep 2019 00:41

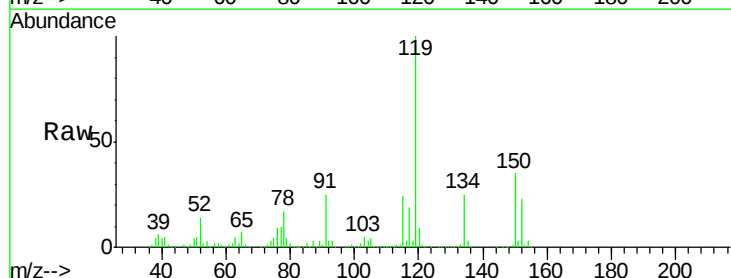
Tgt Ion:119 Resp: 126050

Ion Ratio Lower Upper

119 100

134 24.9 13.7 41.1

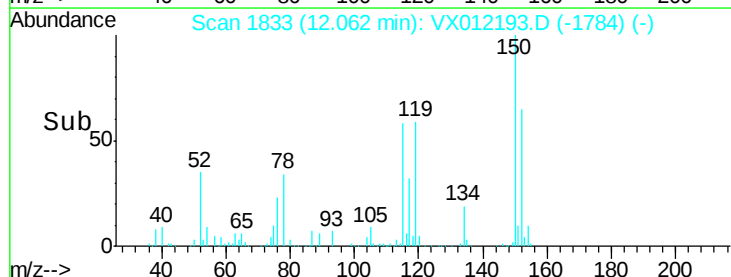
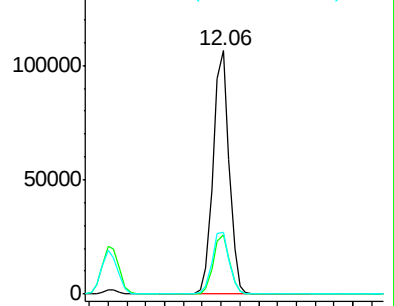
91 27.3 11.4 34.1

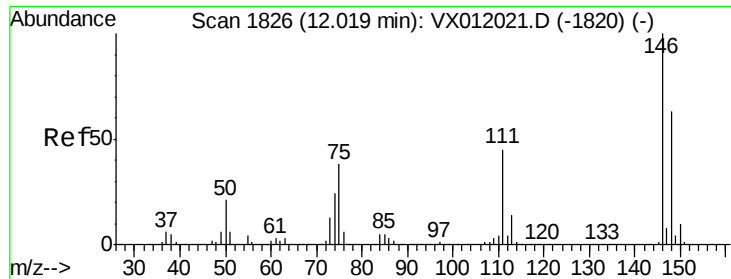


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





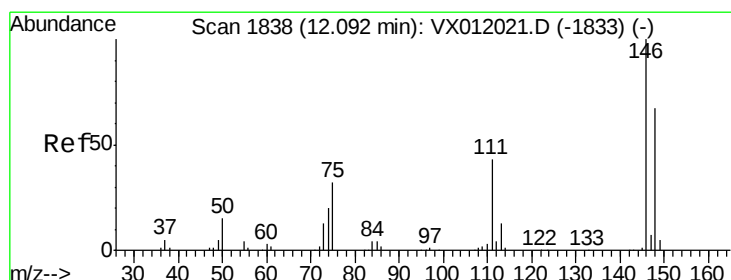
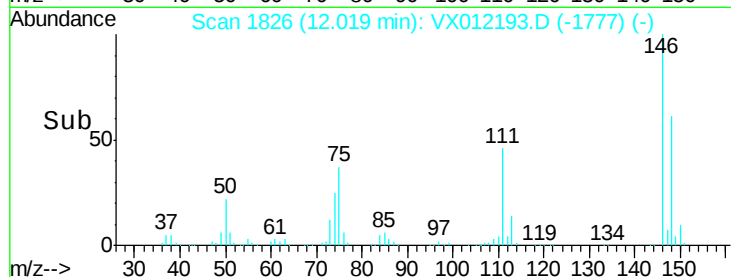
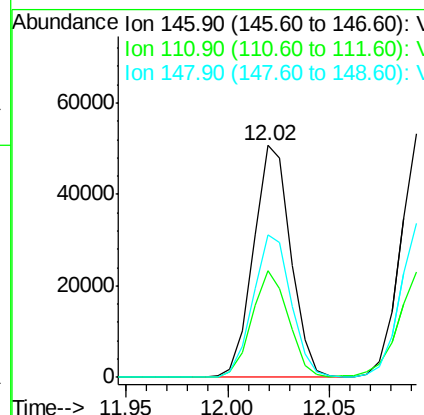
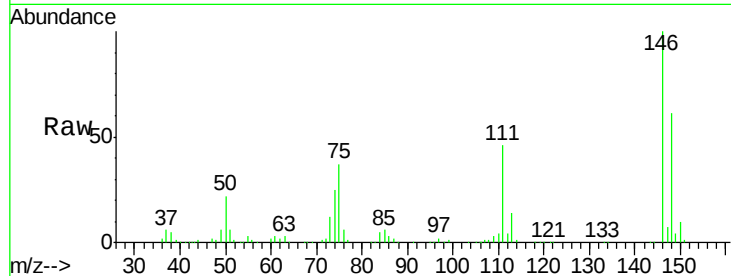
#87
 1,3-Dichlorobenzene
 Concen: 20.193 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	18.1	54.1
148	62.4	32.6	97.8

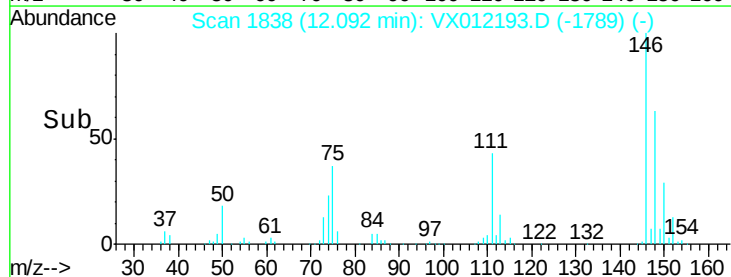
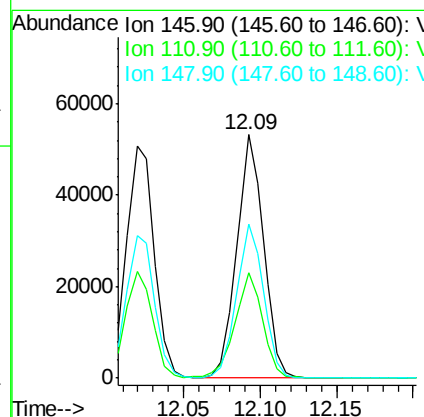
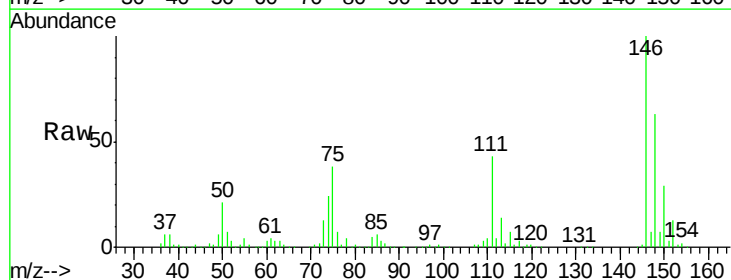
Manual Integrations
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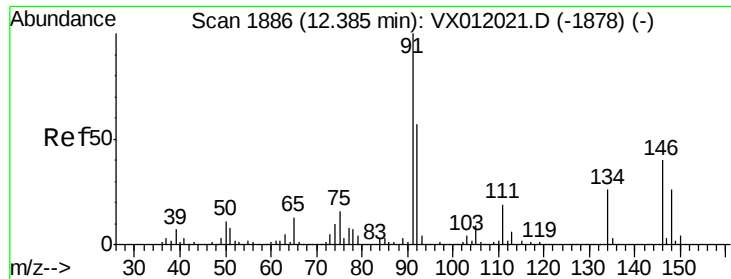
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#88
 1,4-Dichlorobenzene
 Concen: 20.199 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	17.7	53.1
148	64.0	32.4	97.0





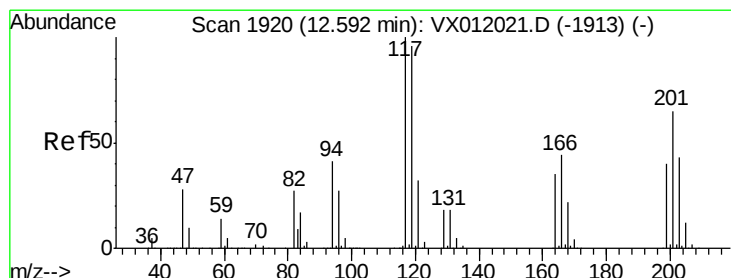
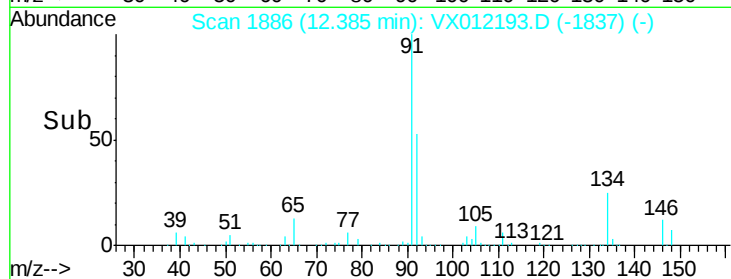
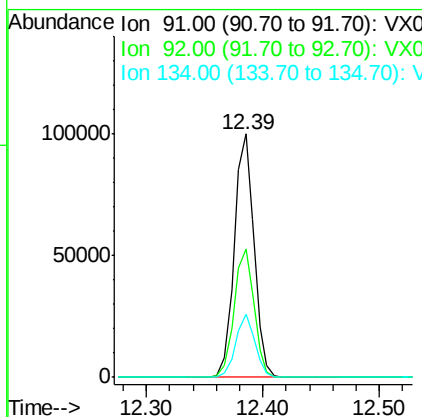
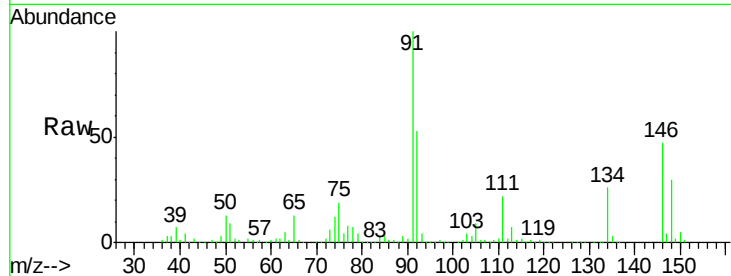
#89
n-Butylbenzene
Concen: 18.016 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleID :
VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	118024		
92	53.7	27.6	82.8	
134	25.4	15.4	46.1	

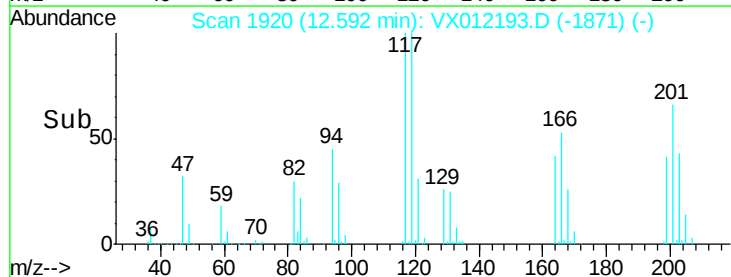
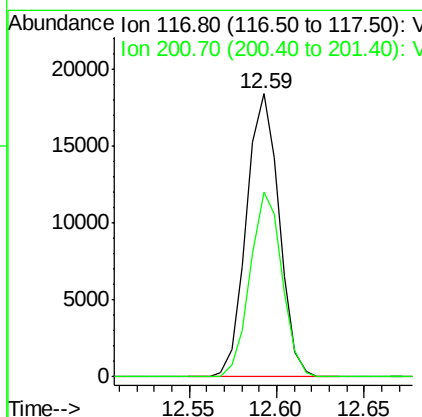
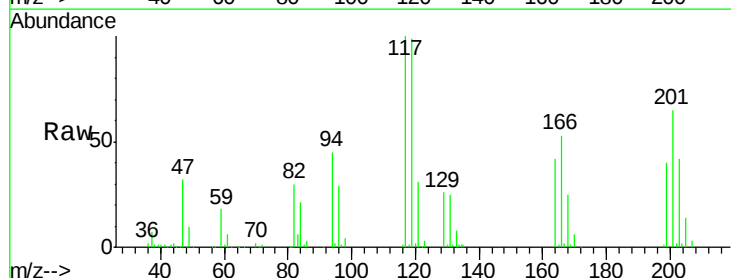
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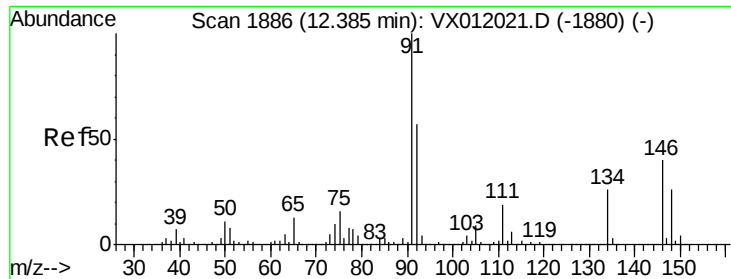
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#90
Hexachloroethane
Concen: 17.889 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	24088		
201	63.8	55.0	165.2	





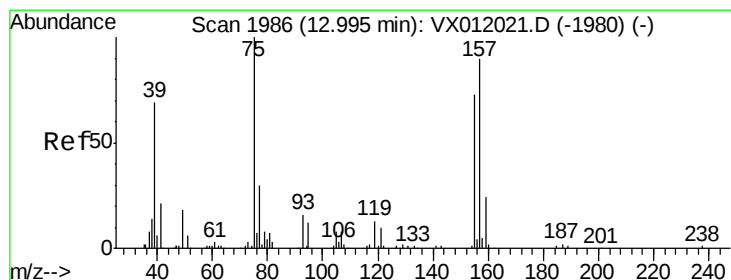
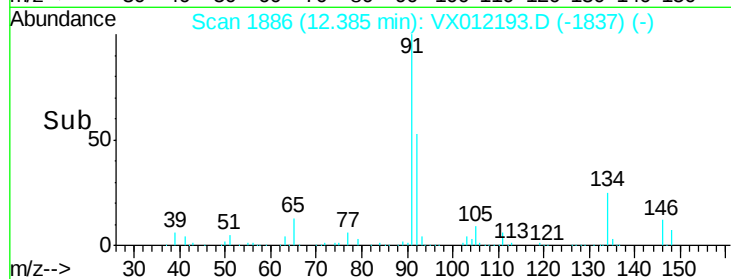
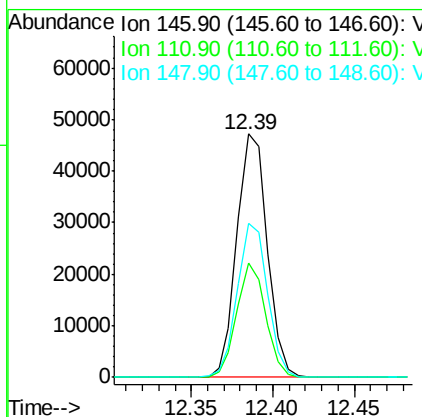
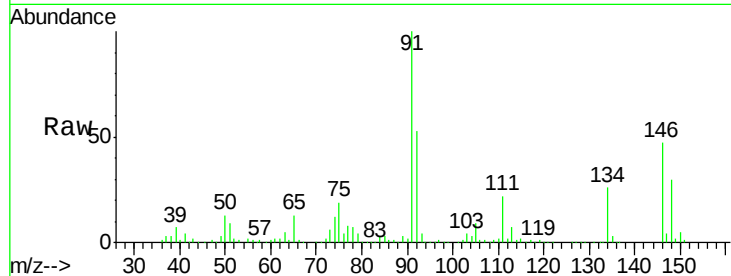
#91
 1,2-Dichlorobenzene
 Concen: 21.411 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	18.6	56.0
148	62.6	32.4	97.2

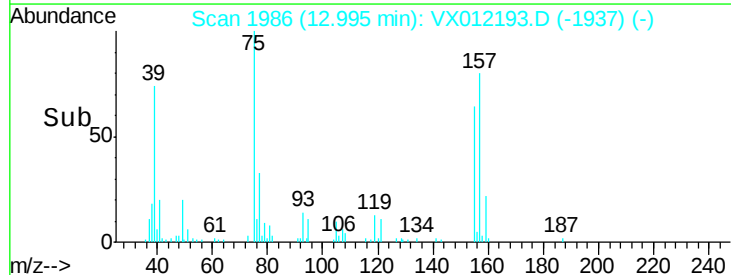
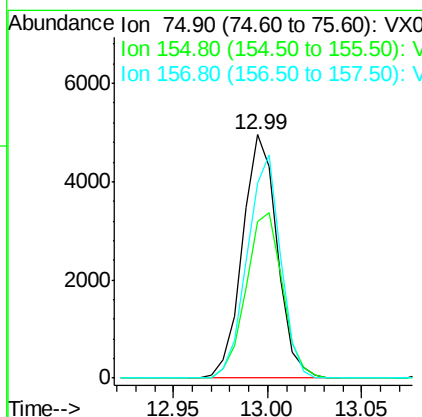
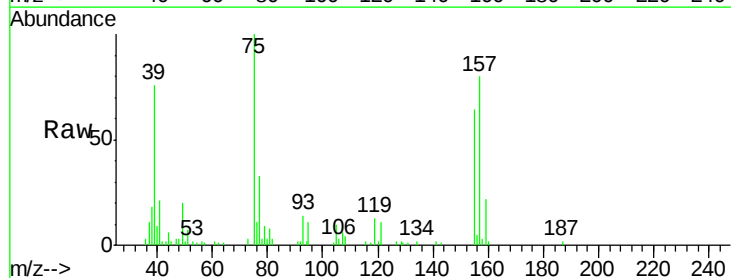
Manual Integrations
 APPROVED

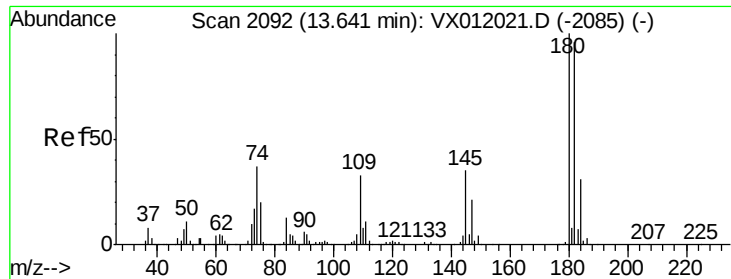
MMDadoda
 9/9/2019 9:19:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.236 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	51.7	155.2
157	88.0	66.9	200.7





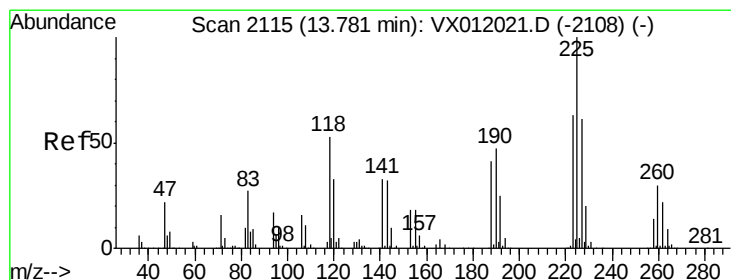
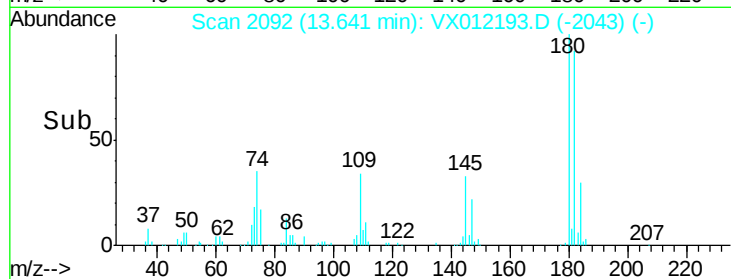
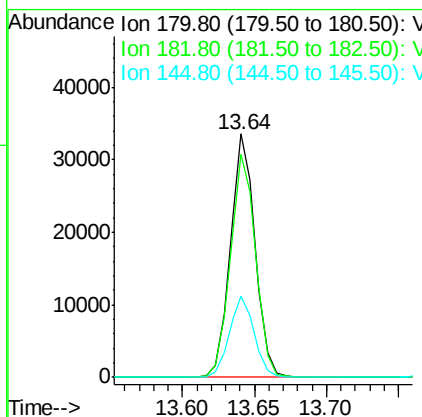
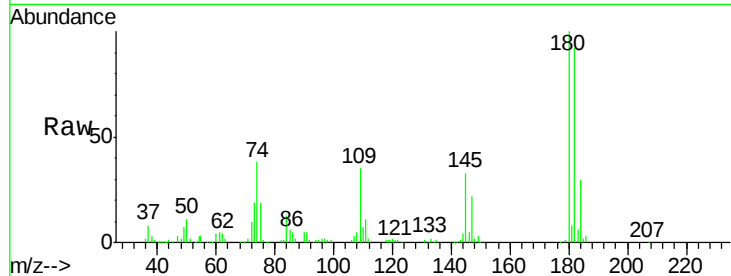
#93
 1,2,4-Trichlorobenzene
 Concen: 19.652 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	33.4	13.7	41.0

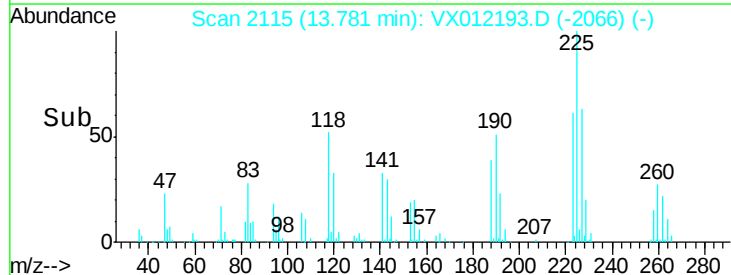
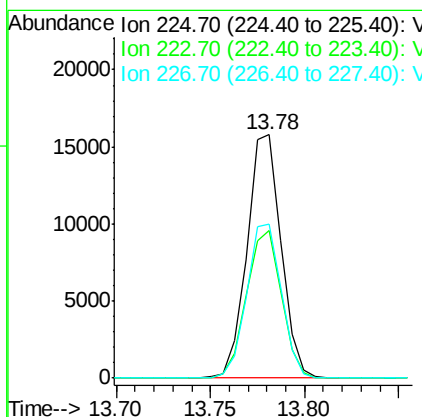
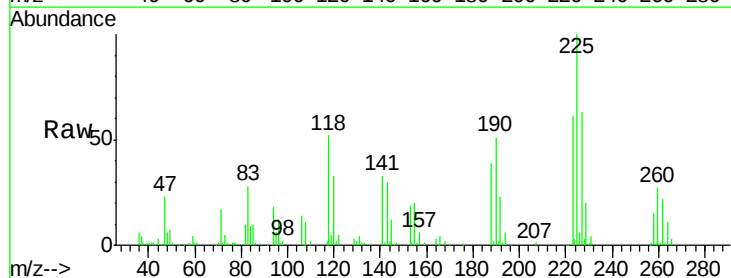
Manual Integrations
 APPROVED

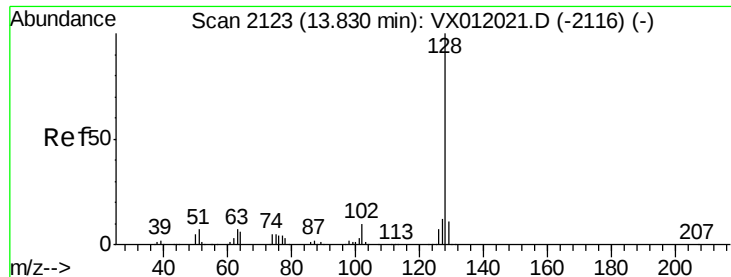
MMDadoda
 9/9/2019 9:19:25 AM



#94
 Hexachlorobutadiene
 Concen: 19.161 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012193.D
 Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.6	95.0
227	64.3	32.5	97.5





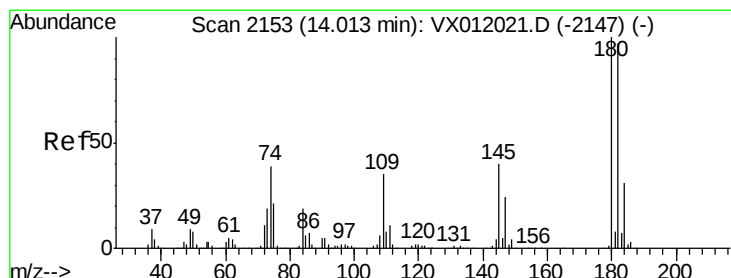
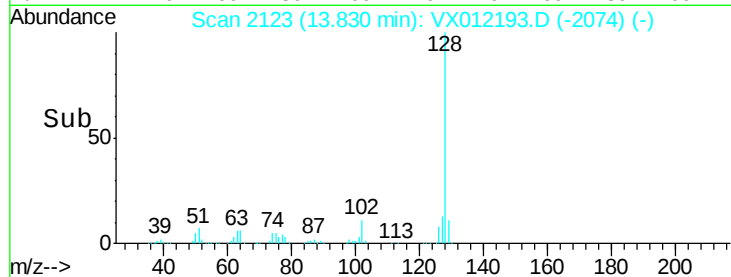
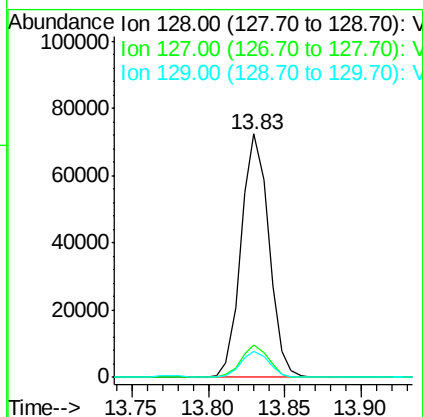
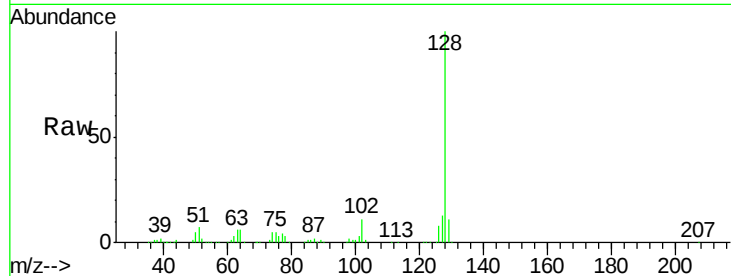
#95
Naphthalene
Concen: 20.549 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.617 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012193.D
Acq: 08 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.6
145	35.6	14.1	42.4

