

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092719\
 Data File : VX012691.D
 Acq On : 27 Sep 2019 12:05
 Operator : JC/SP
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 8:23:37 AM

Quant Time: Sep 28 04:19:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140187	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	5.48	113	106019	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
50) Toluene-d8	8.71	98	395068	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	152539	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	41530	20.026	ug/l	99
3) Chloromethane	1.32	50	47248	19.841	ug/l	99
4) Vinyl Chloride	1.40	62	48659	20.558	ug/l	98
5) Bromomethane	1.63	94	23678	25.443	ug/l	95
6) Chloroethane	1.72	64	31366	19.657	ug/l	96
7) Trichlorofluoromethane	1.92	101	65644	19.753	ug/l	100
8) Diethyl Ether	2.18	74	27720	20.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42020	20.760	ug/l	96
10) Methyl Iodide	2.50	142	34395	19.485	ug/l	94
11) Tert butyl alcohol	3.03	59	65415	97.551	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40808	20.589	ug/l	97
13) Acrolein	2.28	56	12260	41.710	ug/l	93
14) Allyl chloride	2.72	41	79967	20.336	ug/l	98
15) Acrylonitrile	3.13	53	139970	102.885	ug/l	99
16) Acetone	2.43	43	136115	95.731	ug/l	99
17) Carbon Disulfide	2.56	76	101608	18.287	ug/l	99
18) Methyl Acetate	2.76	43	67756	20.238	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	157073	20.937	ug/l	99
20) Methylene Chloride	2.84	84	49022	20.384	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	45181	20.576	ug/l	98
22) Diisopropyl ether	3.84	45	159099	20.939	ug/l	99
23) Vinyl Acetate	3.80	43	687398	103.162	ug/l	99
24) 1,1-Dichloroethane	3.69	63	85132	20.612	ug/l	97
25) 2-Butanone	4.66	43	201616	98.893	ug/l	98
26) 2,2-Dichloropropane	4.58	77	72414	19.713	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	52749	20.704	ug/l	96
28) Bromochloromethane	5.01	49	36406	24.276	ug/l	98
29) Tetrahydrofuran	5.12	42	128228	103.192	ug/l	98
30) Chloroform	5.20	83	87394	20.682	ug/l	99
31) Cyclohexane	5.57	56	76482	20.469	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	75742	20.225	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62930	20.170	ug/l	98
37) Ethyl Acetate	4.82	43	73993	20.286	ug/l	97
38) Carbon Tetrachloride	5.78	117	63344	19.987	ug/l	96

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Manual Integrations
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Quant Time: Sep 28 04:19:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75336	20.058	ug/l	100
40) Benzene	6.14	78	189663	20.661	ug/l	98
41) Methacrylonitrile	5.03	41	42347	20.692	ug/l	95
42) 1,2-Dichloroethane	6.18	62	72995	20.940	ug/l	99
43) Isopropyl Acetate	6.43	43	123841	20.303	ug/l	99
44) Trichloroethene	7.21	130	47162	20.097	ug/l	93
45) 1,2-Dichloropropane	7.51	63	49614	21.110	ug/l	97
46) Dibromomethane	7.65	93	32324	20.201	ug/l	96
47) Bromodichloromethane	7.89	83	65244	20.401	ug/l	99
48) Methyl methacrylate	7.76	41	60222	20.590	ug/l	94
49) 1,4-Dioxane	7.73	88	25564	385.349	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	384164	102.028	ug/l	97
52) Toluene	8.78	92	118652	20.565	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	69288	19.582	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	78617	20.349	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	47507	20.711	ug/l	97
56) Ethyl methacrylate	9.17	69	77915	20.219	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84161	20.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	188337	108.880	ug/l	98
59) 2-Hexanone	9.49	43	293472	101.826	ug/l	97
60) Dibromochloromethane	9.57	129	47139	20.301	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50611	21.201	ug/l	98
64) Tetrachloroethene	9.33	164	42740	21.144	ug/l	94
65) Chlorobenzene	10.14	112	121983	19.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	45078	20.379	ug/l	98
67) Ethyl Benzene	10.25	91	228840	20.667	ug/l	99
68) m/p-Xylenes	10.35	106	170777	41.171	ug/l	100
69) o-Xylene	10.70	106	82581	20.575	ug/l	98
70) Styrene	10.71	104	139257	20.696	ug/l	99
71) Bromoform	10.85	173	30582	19.855	ug/l #	97
73) Isopropylbenzene	11.01	105	223979	21.013	ug/l	99
74) N-amyl acetate	10.89	43	100538	19.771	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	73791	20.903	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72595m	20.970	ug/l	
77) Bromobenzene	11.25	156	49707	20.604	ug/l	96
78) n-propylbenzene	11.35	91	247018	20.584	ug/l	100
79) 2-Chlorotoluene	11.42	91	153909	20.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	186615	20.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22023	18.231	ug/l	96
82) 4-Chlorotoluene	11.51	91	176371	20.668	ug/l	98
83) tert-Butylbenzene	11.77	119	180550	20.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	189425	21.008	ug/l	98
85) sec-Butylbenzene	11.94	105	211518	21.091	ug/l	100
86) p-Isopropyltoluene	12.06	119	190091	21.006	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88476	20.379	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	89799	20.469	ug/l	98
89) n-Butylbenzene	12.39	91	158496	19.876	ug/l	100
90) Hexachloroethane	12.59	117	31723	19.663	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	89409	20.571	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16906	19.145	ug/l	96

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ClientSampleId :
VX0927WBS01

Manual Integrations
APPROVED

MMDadoda
9/30/2019 8:23:37 AM

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	52862	19.943	ug/l	99
94) Hexachlorobutadiene	13.78	225	23962	21.013	ug/l	99
95) Naphthalene	13.83	128	195673	20.403	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	55567	20.927	ug/l	99

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

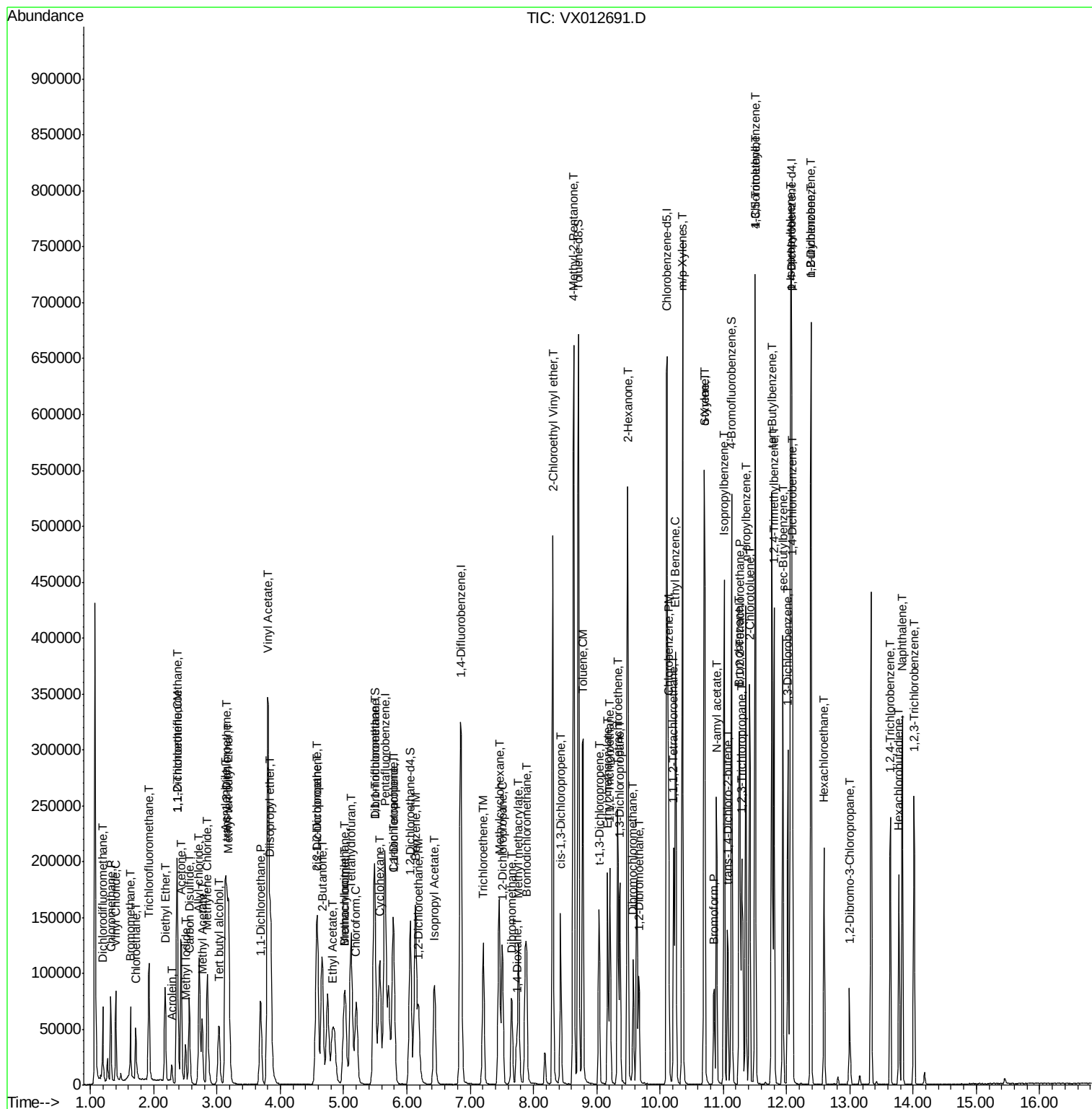
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092719\
Data File : VX012691.D
Acq On : 27 Sep 2019 12:05
Operator : JC/SP
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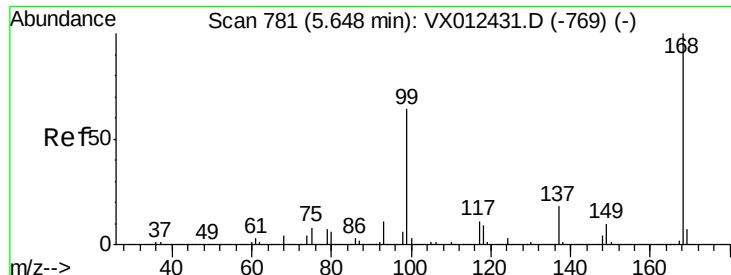
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Manual Integrations APPROVED

MMDadoda
9/30/2019 8:23:37 AM

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Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





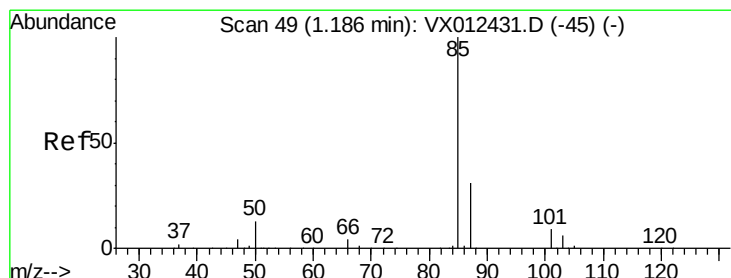
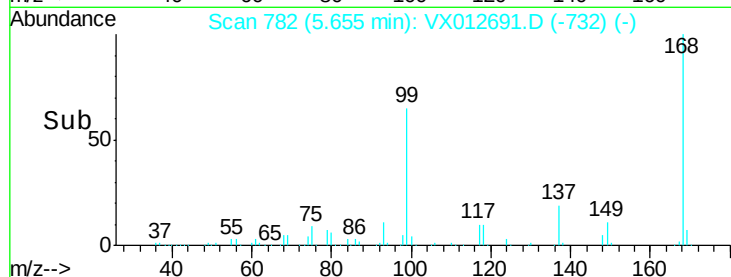
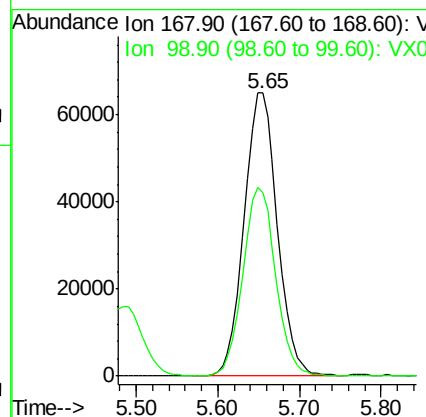
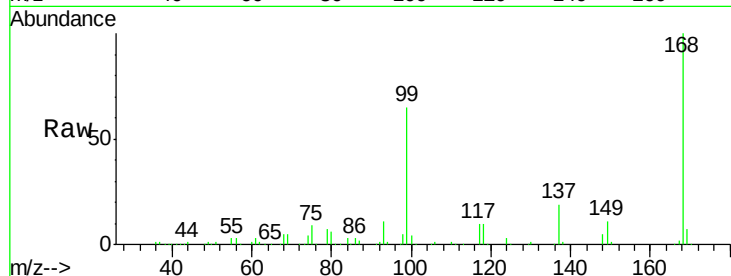
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	184341		
99	64.8	51.4	77.2	

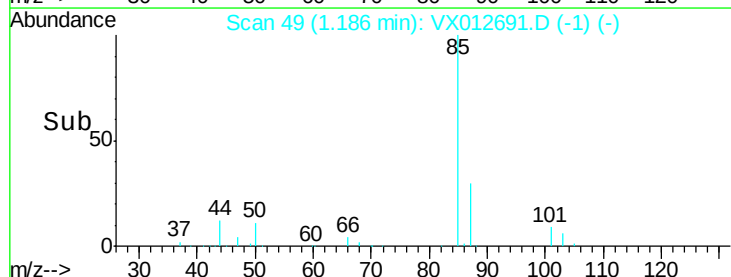
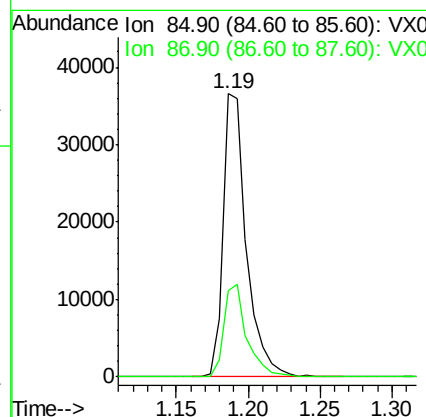
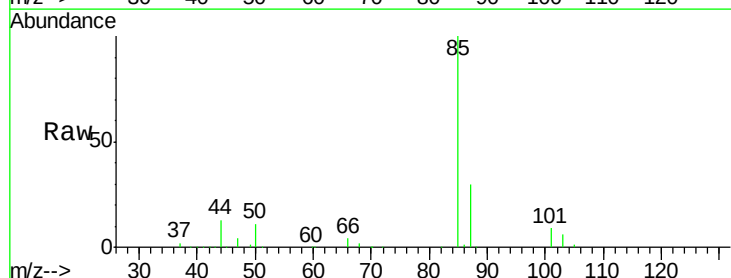
Manual Integrations
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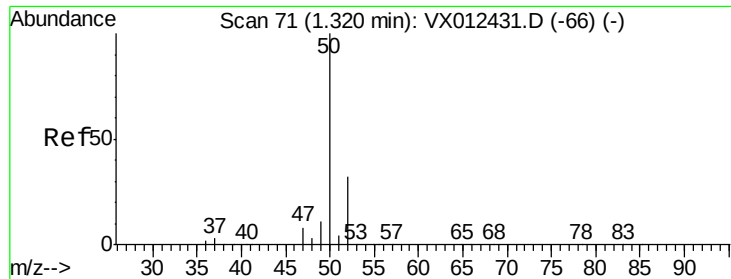
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#2
Dichlorodifluoromethane
Concen: 20.026 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	41530		
87	30.5	15.6	46.8	





#3

Chloromethane

Concen: 19.841 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS01

Tot Ion: 50 Resp: 47248

Ion Ratio Lower Upper

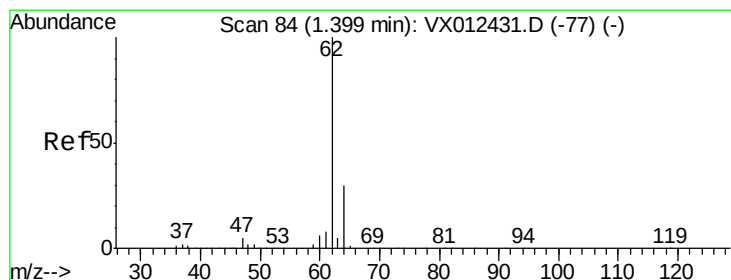
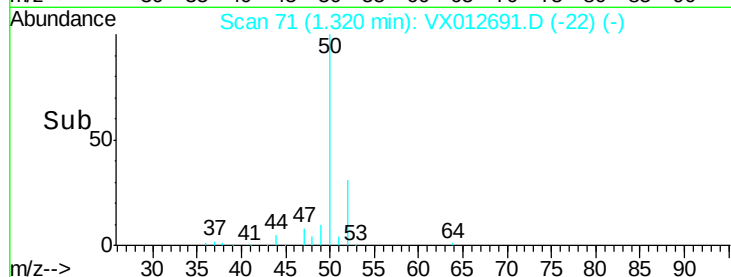
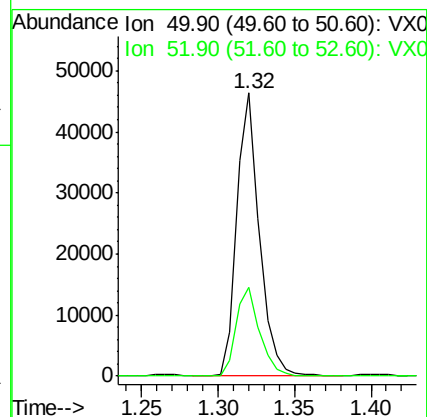
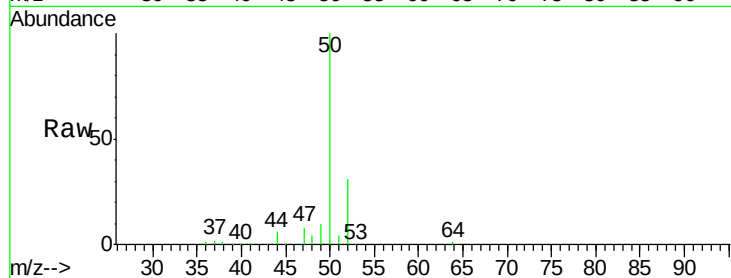
50 100

52 31.3 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.558 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012691.D

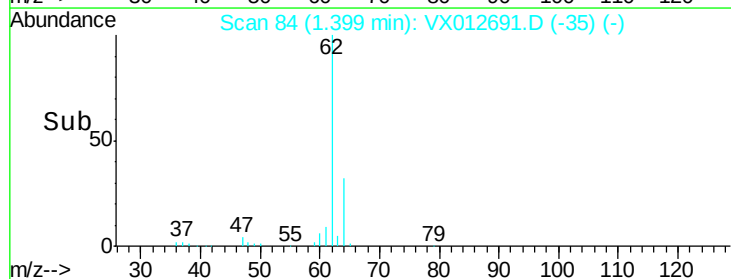
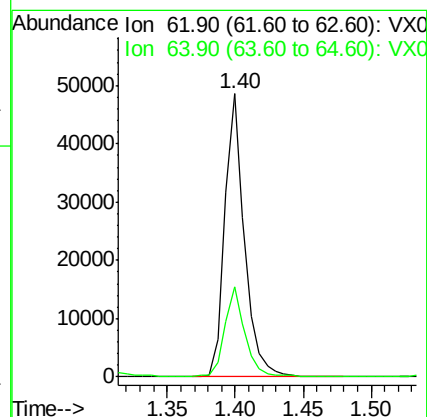
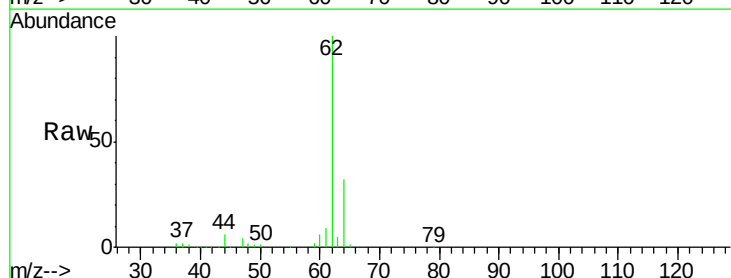
Acq: 27 Sep 2019 12:05

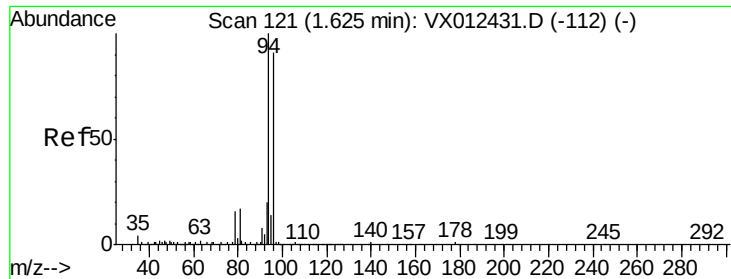
Tgt Ion: 62 Resp: 48659

Ion Ratio Lower Upper

62 100

64 31.5 24.2 36.2





#5

Bromomethane

Concen: 25.443 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 94 Resp: 23678

Ion Ratio Lower Upper

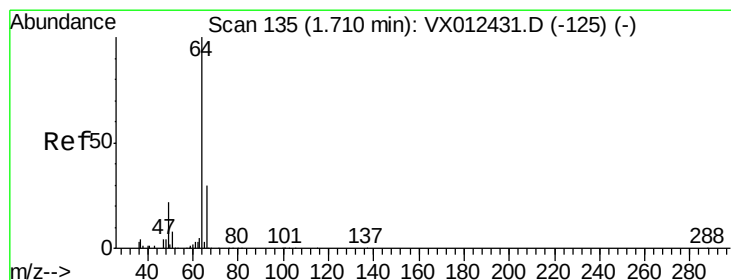
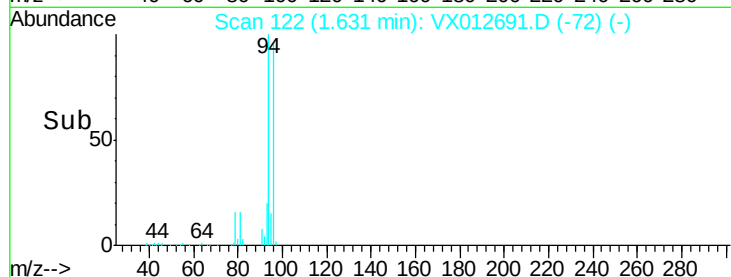
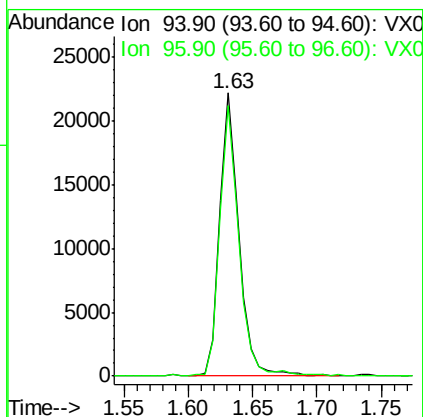
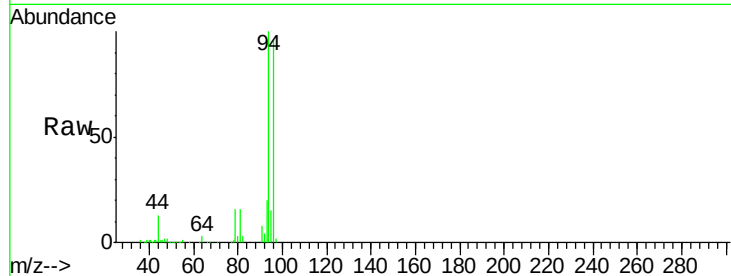
94 100

96 95.6 72.8 109.2

Manual Integrations
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#6

Chloroethane

Concen: 19.657 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012691.D

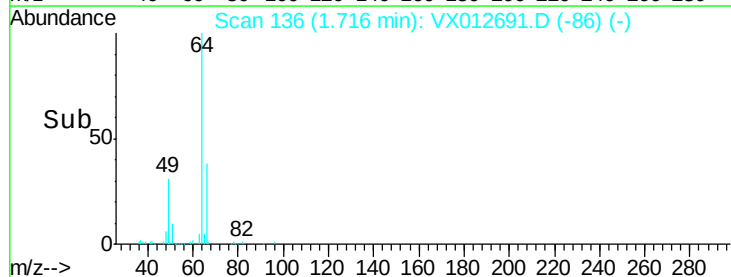
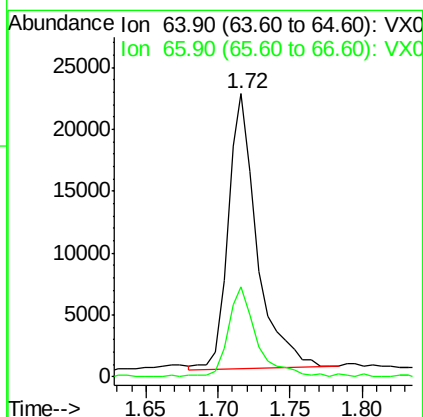
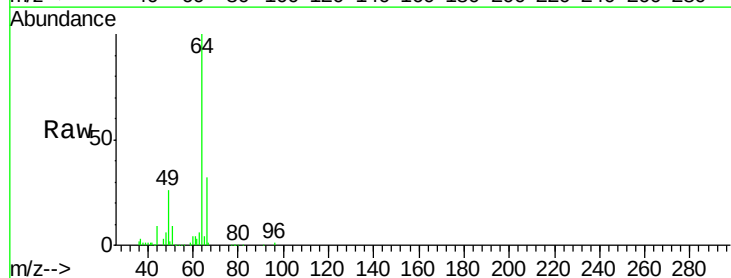
Acq: 27 Sep 2019 12:05

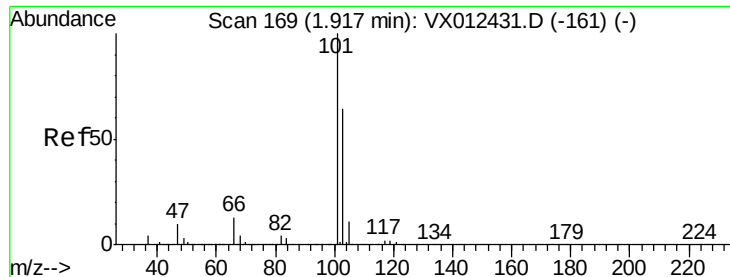
Tgt Ion: 64 Resp: 31366

Ion Ratio Lower Upper

64 100

66 32.4 24.0 36.0





#7

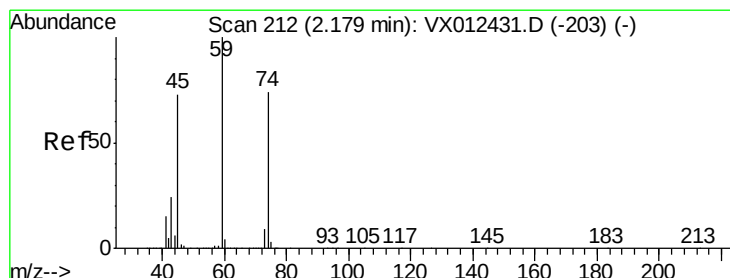
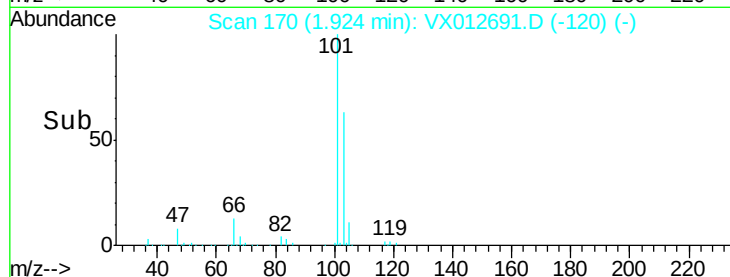
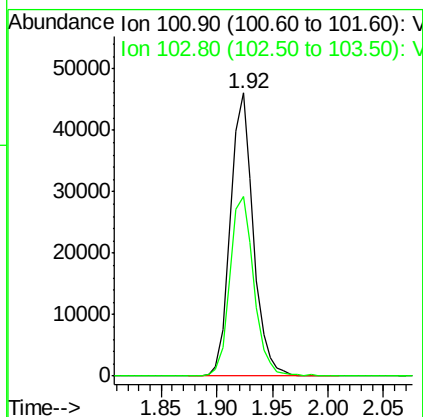
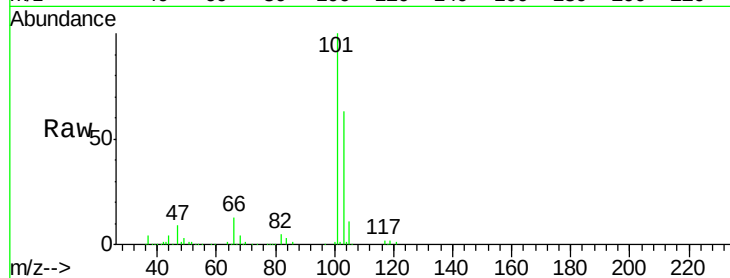
Trichlorofluoromethane
Concen: 19.753 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		65644		
103	63.5	51.0	76.4		

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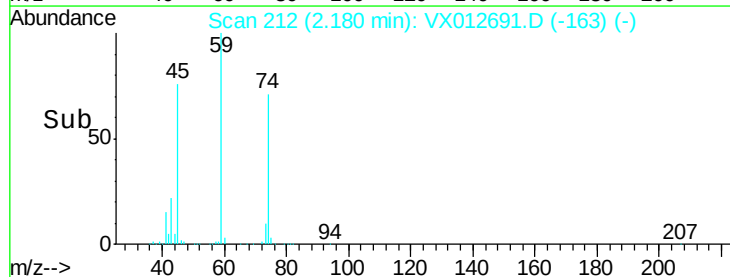
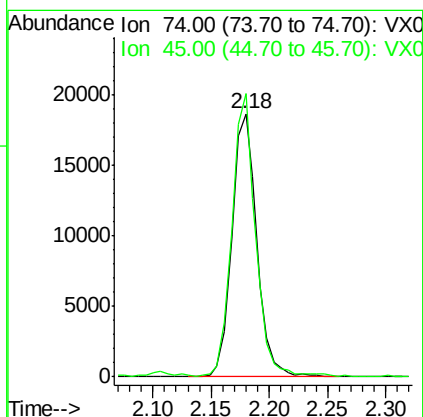
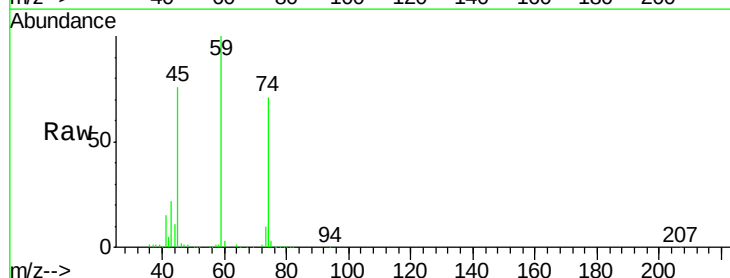
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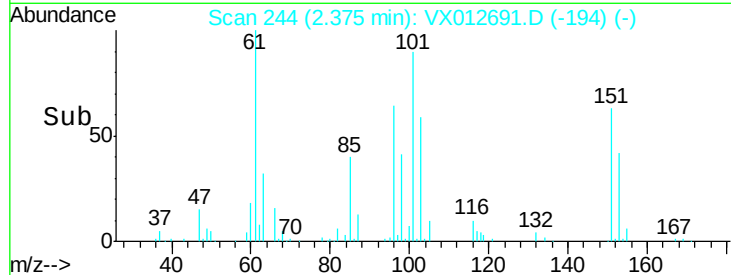
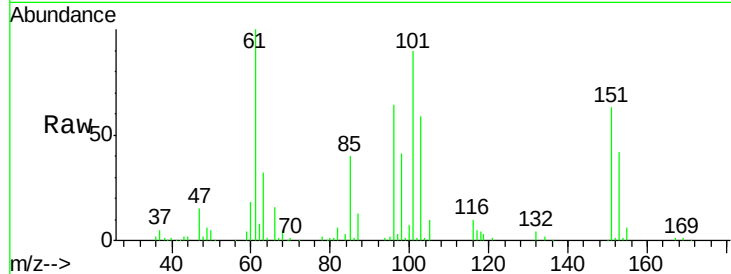
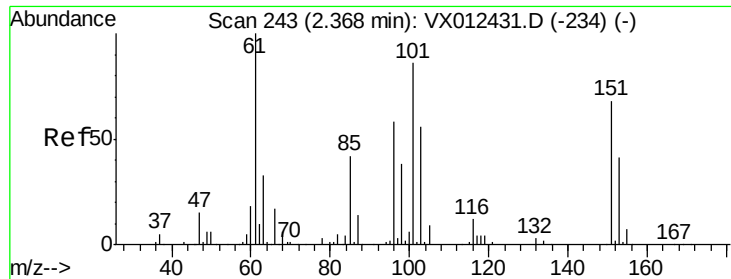


#8

Diethyl Ether
Concen: 20.354 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		27720		
45	100.5	49.9	149.7		





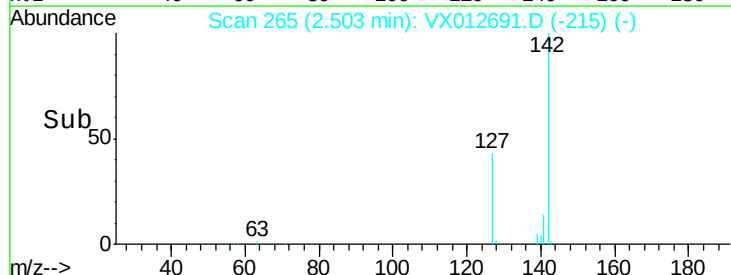
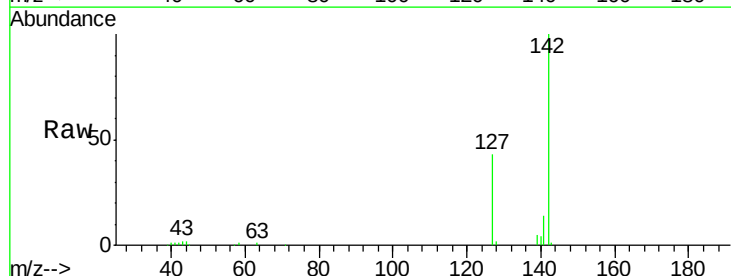
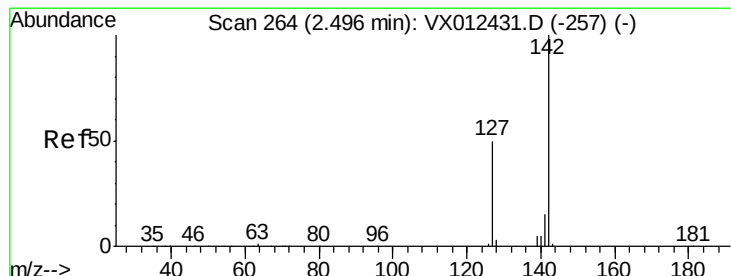
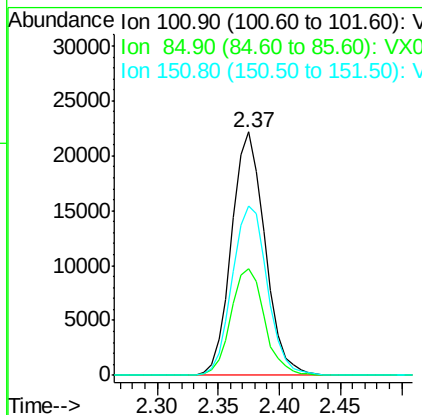
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.760 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	42020		
85	44.1	37.3	55.9	
151	72.8	61.0	91.4	

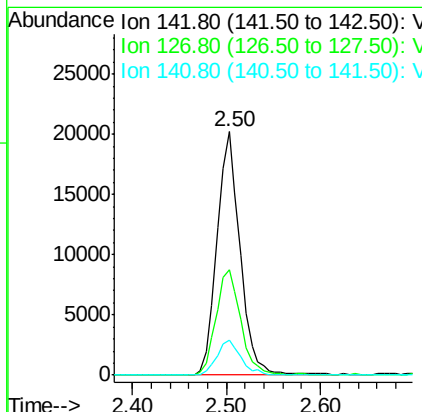
Manual Integrations
APPROVED

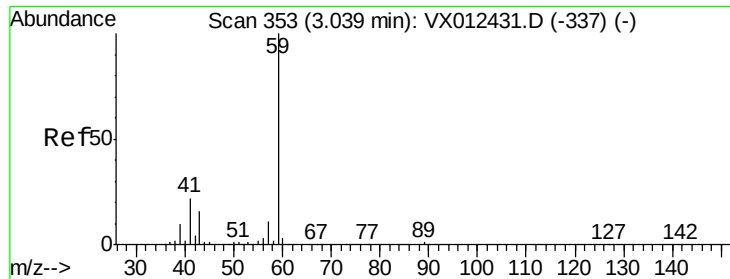
MMDadoda
9/30/2019 8:23:37 AM



#10
Methyl Iodide
Concen: 19.485 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	34395		
127	46.0	40.8	61.2	
141	14.8	12.1	18.1	





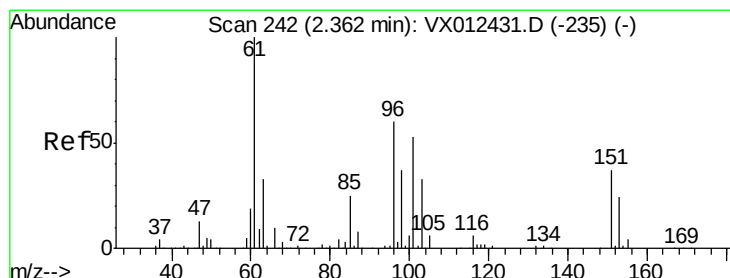
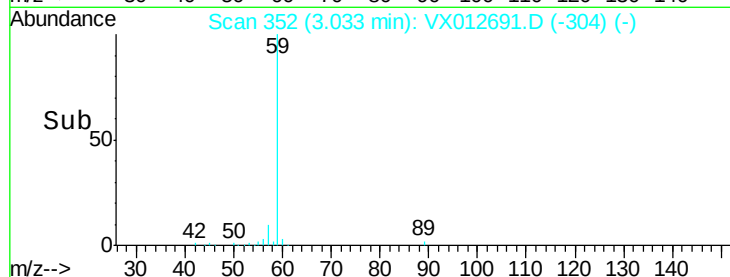
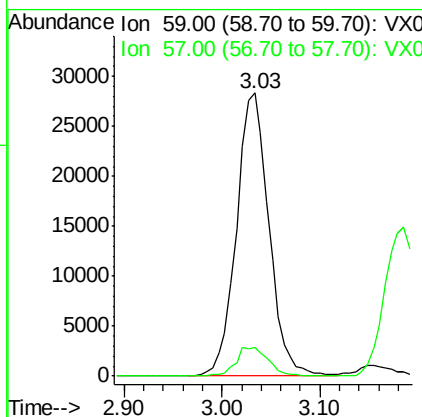
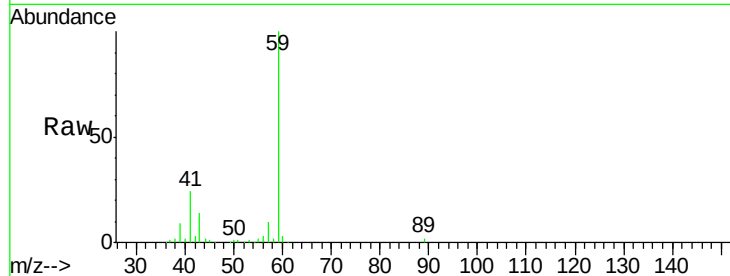
#11
Tert butyl alcohol
Concen: 97.551 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion: 59 Resp: 65415
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

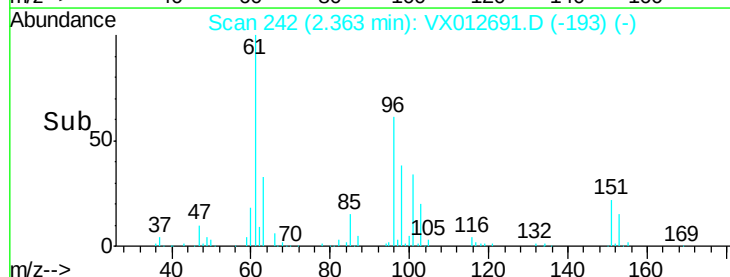
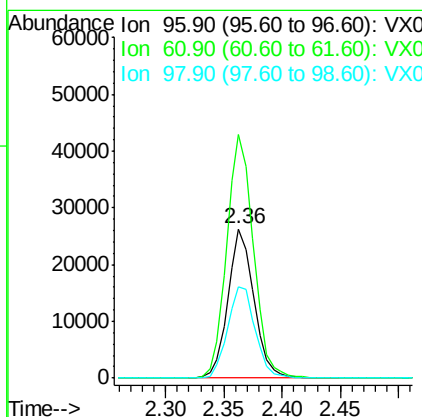
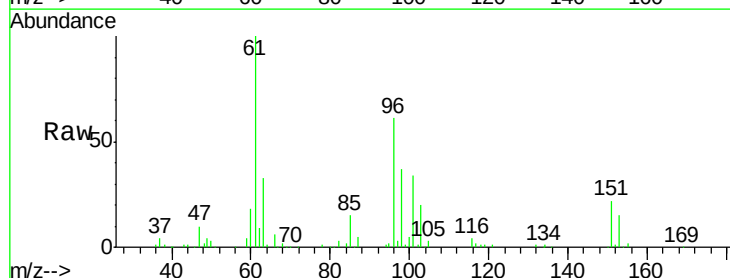
Manual Integrations
APPROVED

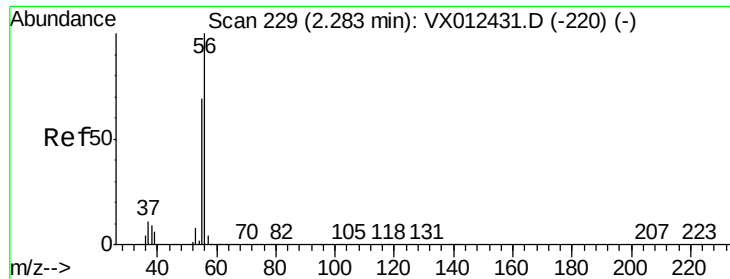
MMDadoda
9/30/2019 8:23:37 AM



#12
1,1-Dichloroethene
Concen: 20.589 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 96 Resp: 40808
Ion Ratio Lower Upper
96 100
61 163.1 133.8 200.6
98 61.1 49.9 74.9





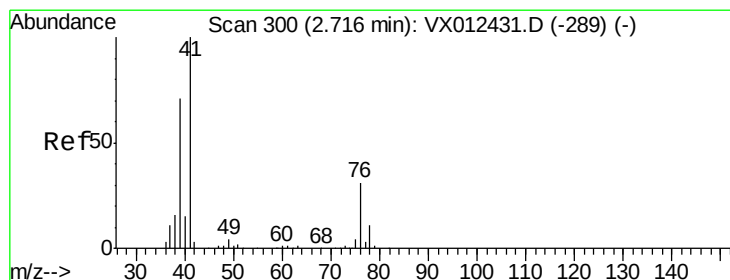
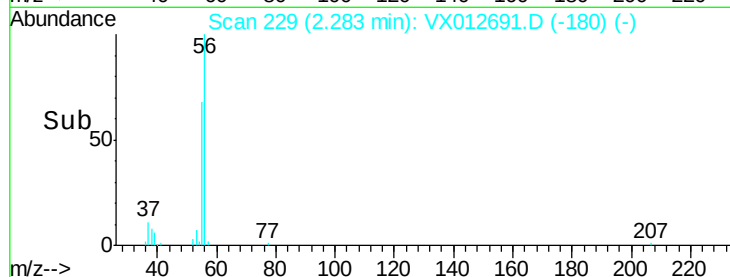
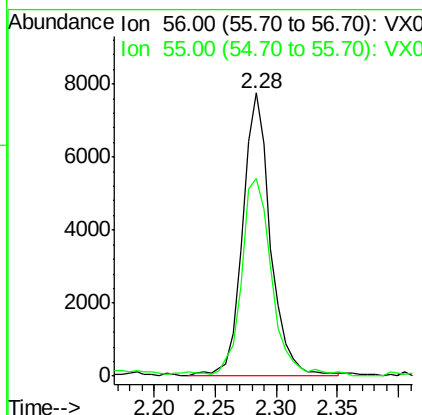
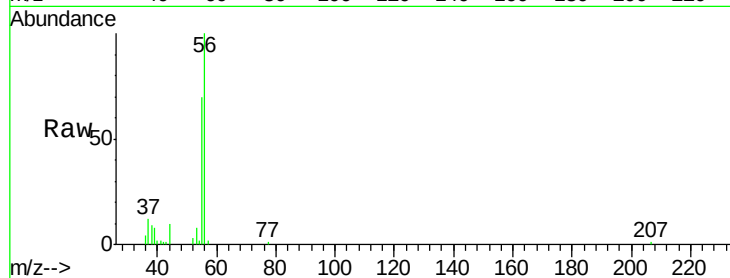
#13
Acrolein
Concen: 41.710 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.8	55.8	83.8

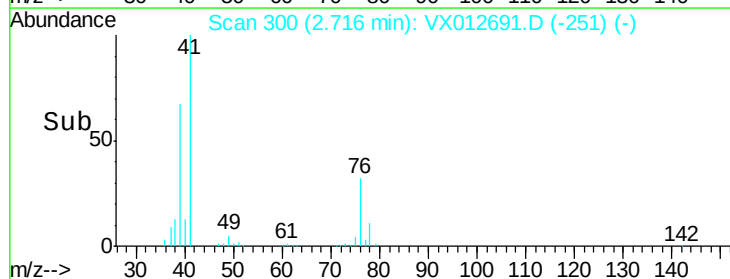
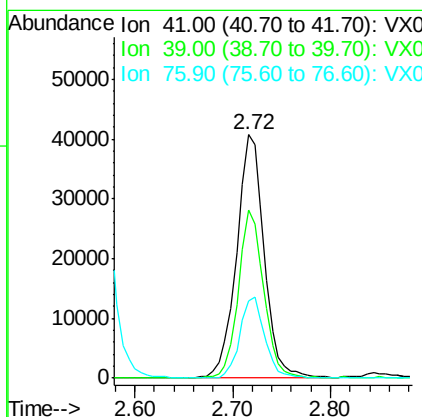
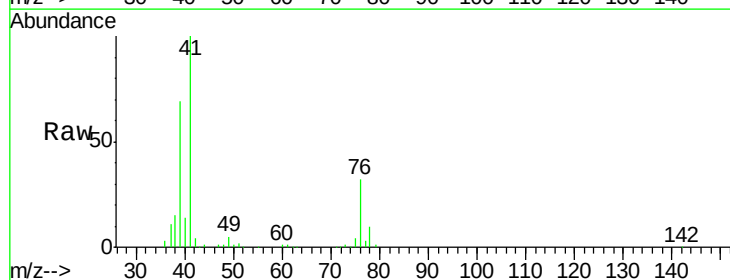
Manual Integrations
APPROVED

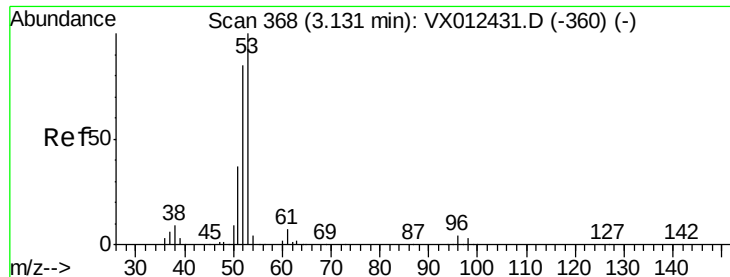
MMDadoda
9/30/2019 8:23:37 AM



#14
Allyl chloride
Concen: 20.336 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.4	51.3	76.9
76	29.8	22.6	33.8





#15

Acrylonitrile

Concen: 102.885 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

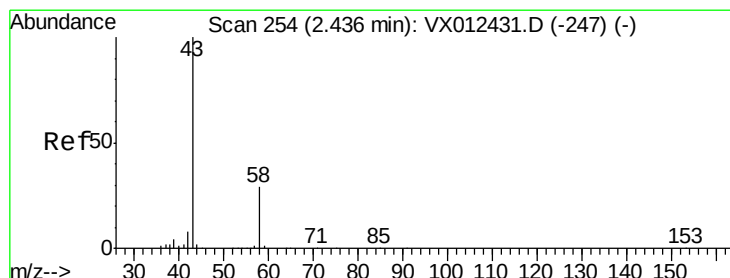
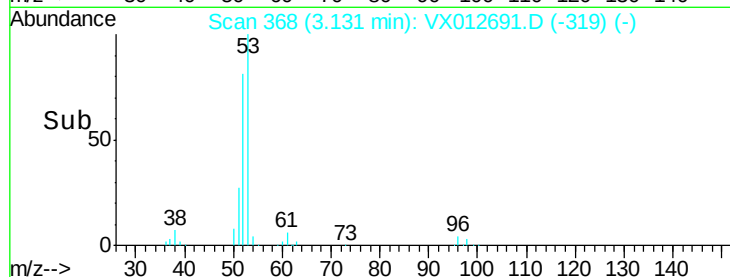
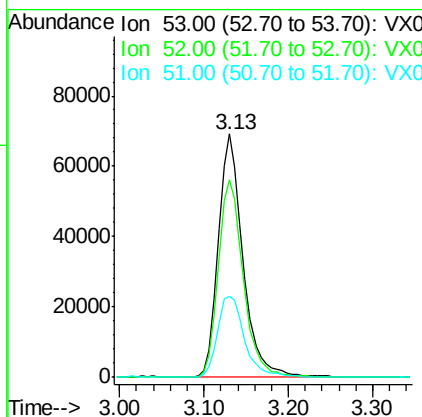
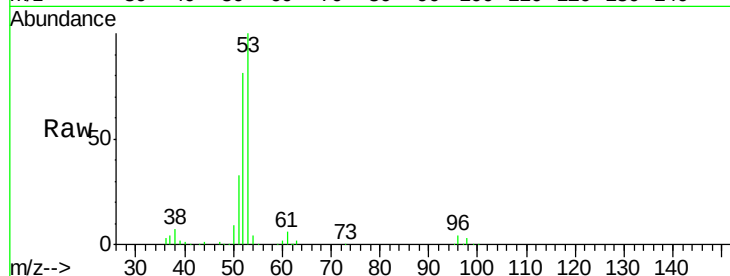
ClientSampleId :

VX0927WBS01

Tot Ion:	53	Resp:	139970
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.0	100.4
51	36.7	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 95.731 ug/l

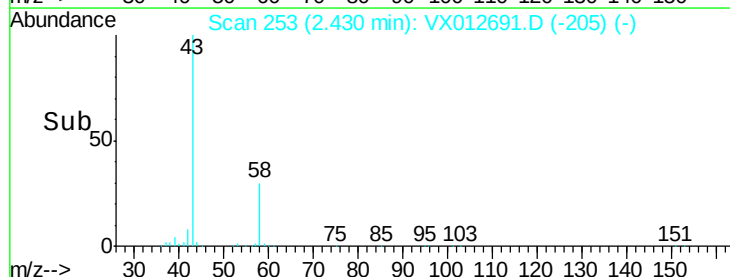
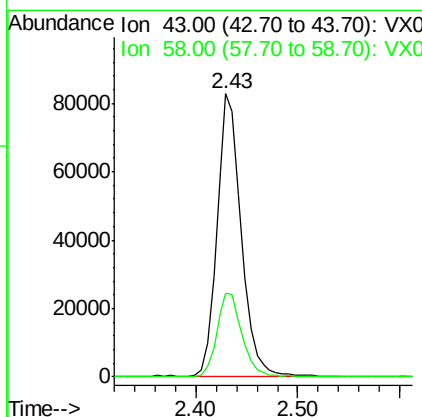
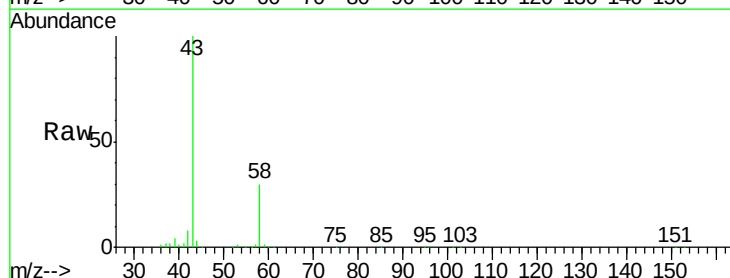
RT: 2.43 min Scan# 253

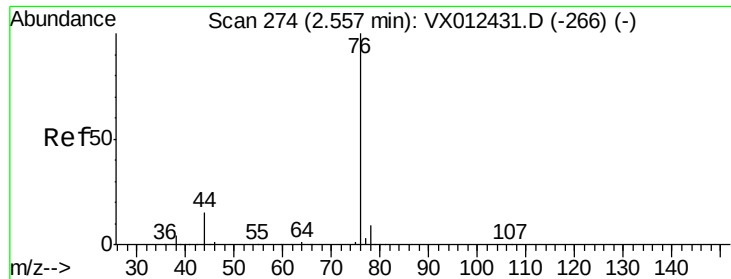
Delta R.T. -0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion:	43	Resp:	136115
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.3	34.9





#17

Carbon Disulfide

Concen: 18.287 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 76 Resp: 101608

Ion Ratio Lower Upper

76 100

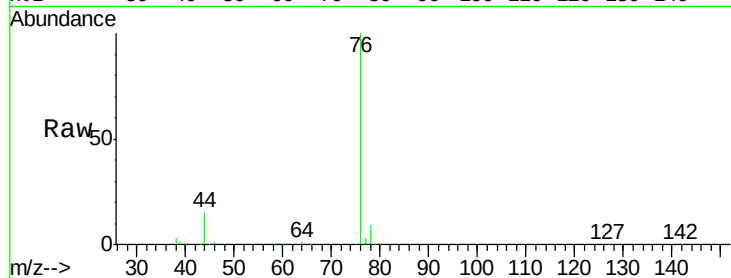
78 9.4 7.3 10.9

Manual Integrations

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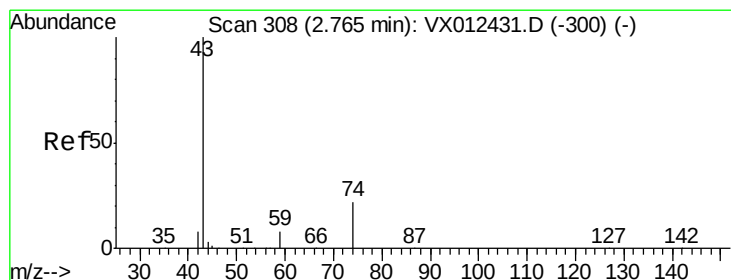
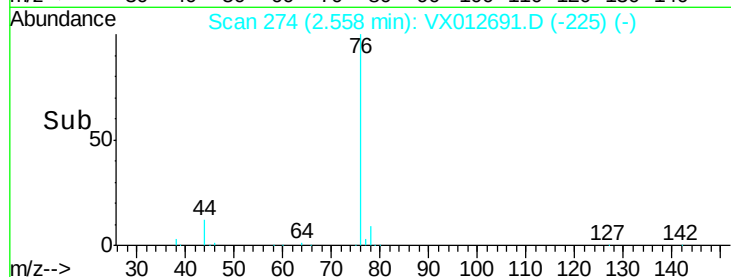
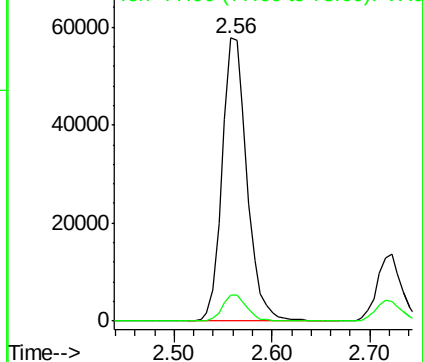
MMDadoda

9/30/2019 8:23:37 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.238 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012691.D

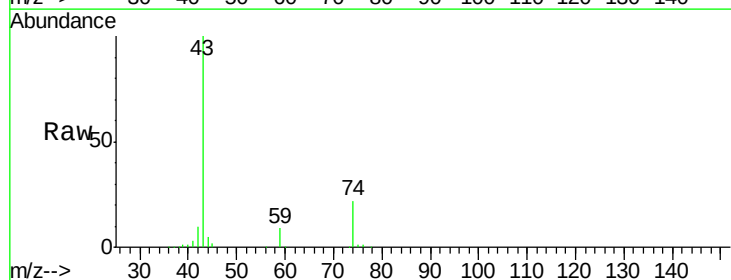
Acq: 27 Sep 2019 12:05

Tgt Ion: 43 Resp: 67756

Ion Ratio Lower Upper

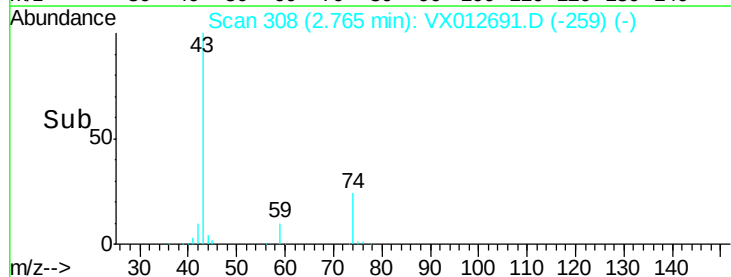
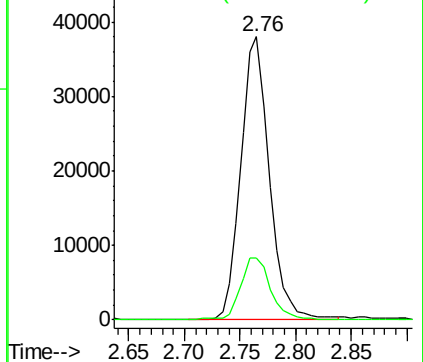
43 100

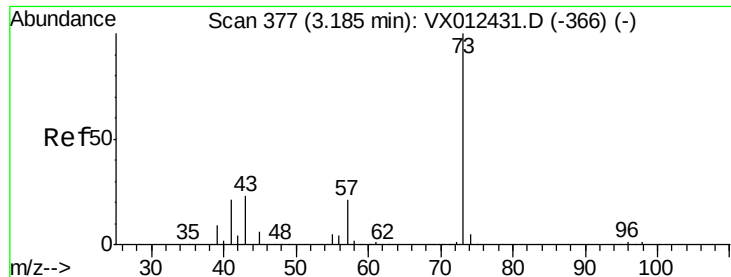
74 23.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





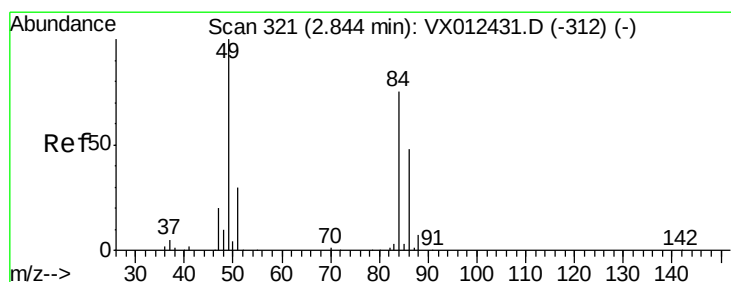
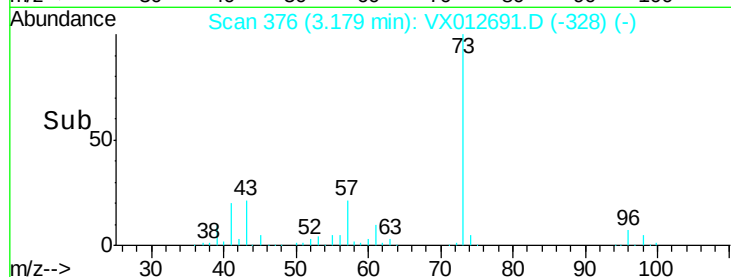
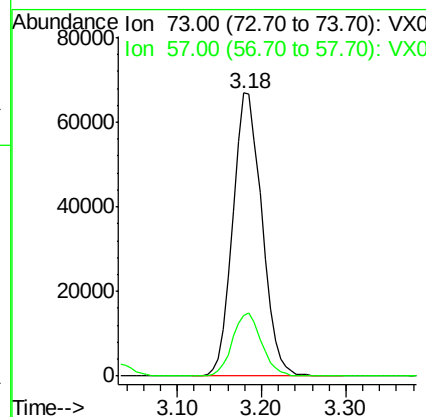
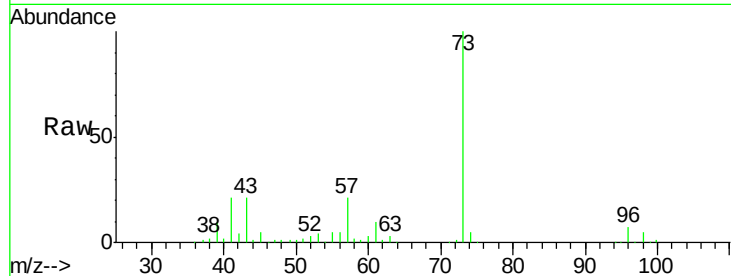
#19
Methyl tert-butyl Ether
Concen: 20.937 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion: 73 Resp: 157073
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2

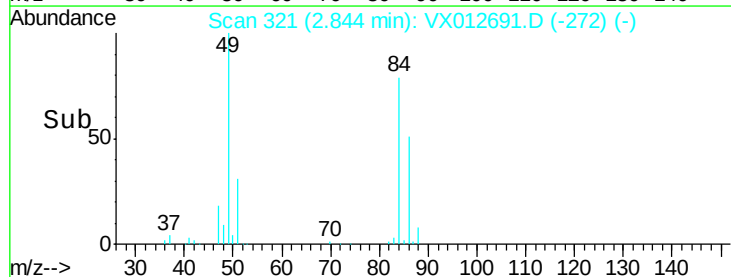
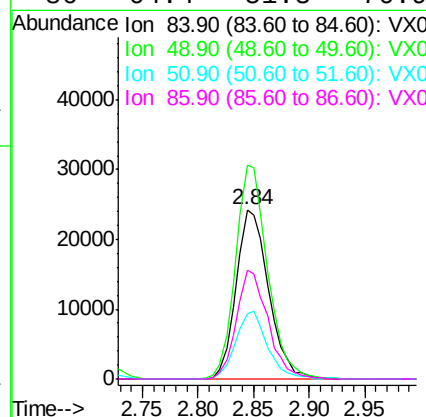
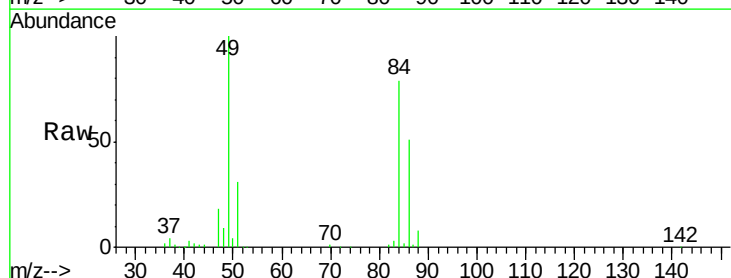
Manual Integrations
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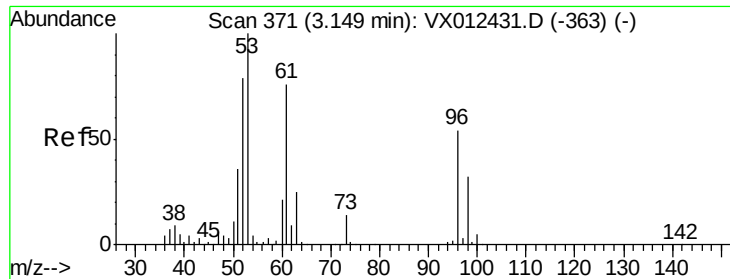
MMDadoda
9/30/2019 8:23:37 AM



#20
Methylene Chloride
Concen: 20.384 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 84 Resp: 49022
Ion Ratio Lower Upper
84 100
49 126.4 106.8 160.2
51 38.9 32.3 48.5
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.576 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 96 Resp: 45181

Ion Ratio Lower Upper

96 100

61 141.6 112.0 168.0

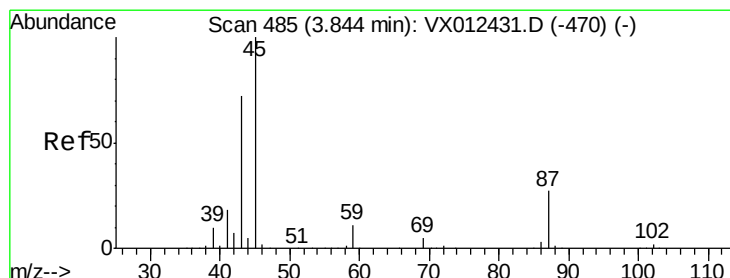
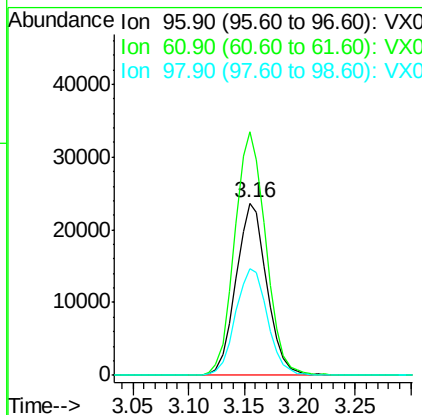
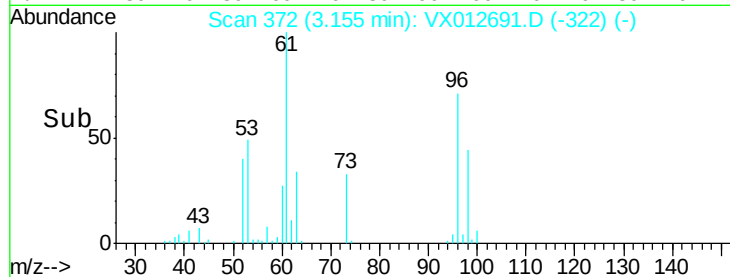
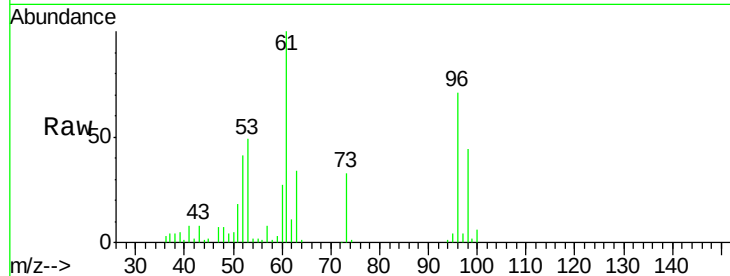
98 62.0 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.939 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion: 45 Resp: 159099

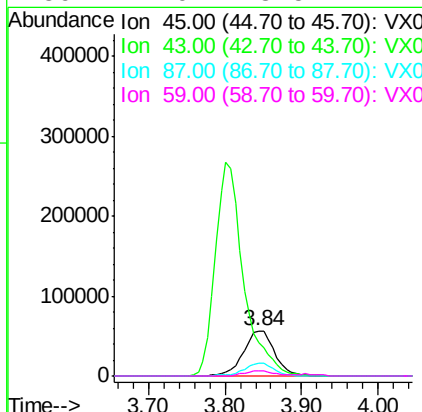
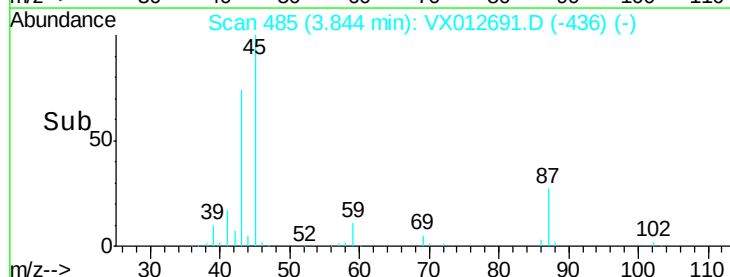
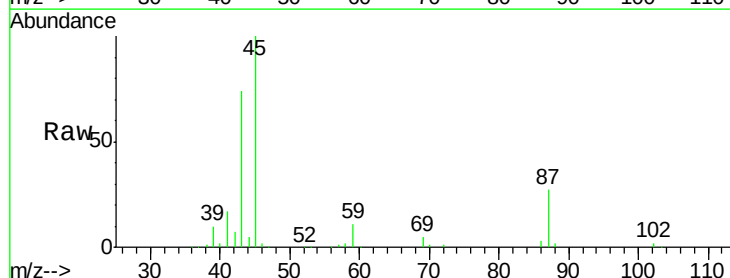
Ion Ratio Lower Upper

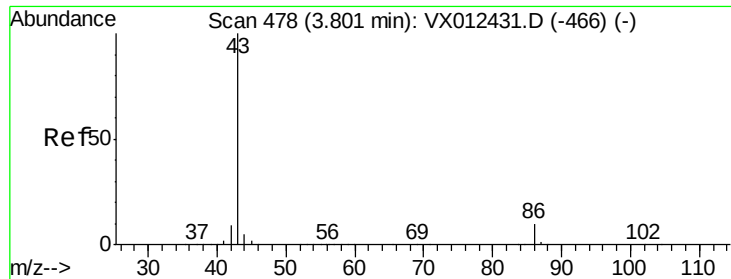
45 100

43 73.2 57.8 86.8

87 27.2 21.3 31.9

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 103.162 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 43 Resp: 687398

Ion Ratio Lower Upper

43 100

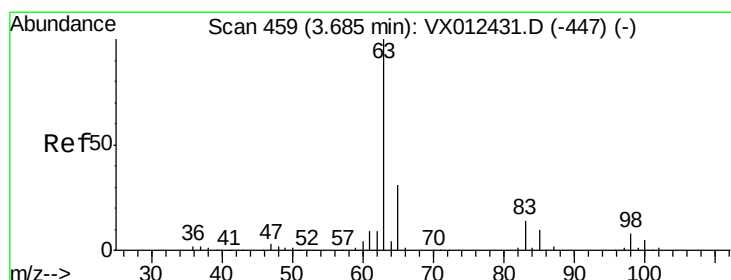
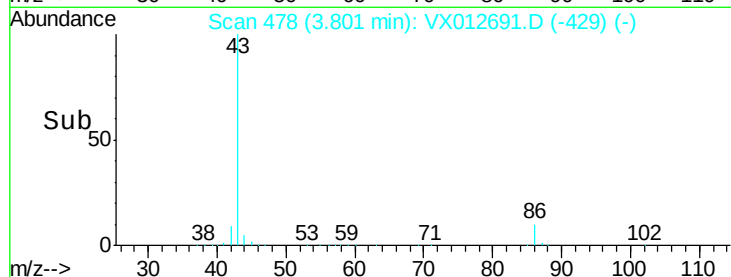
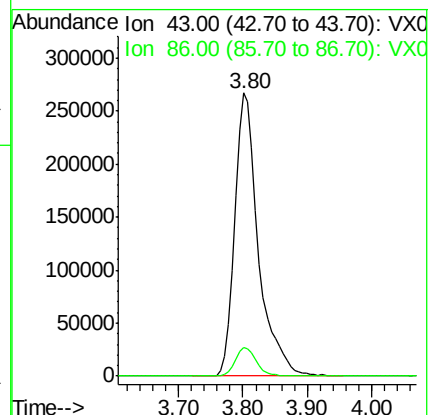
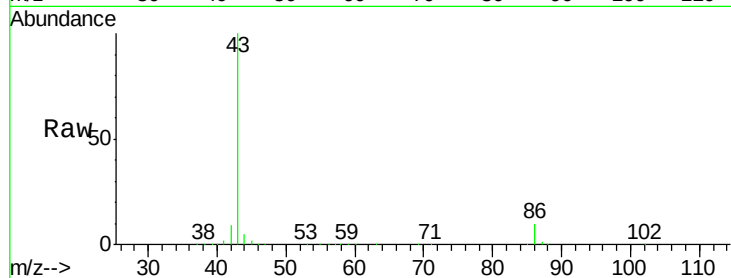
86 10.2 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.612 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

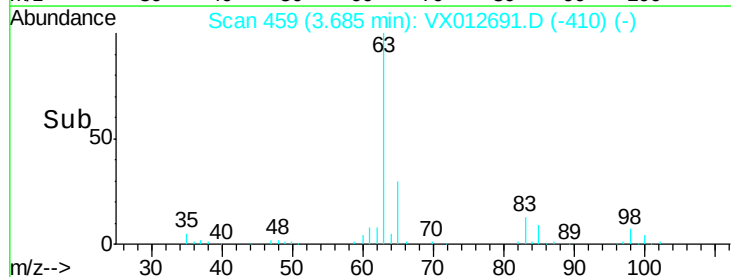
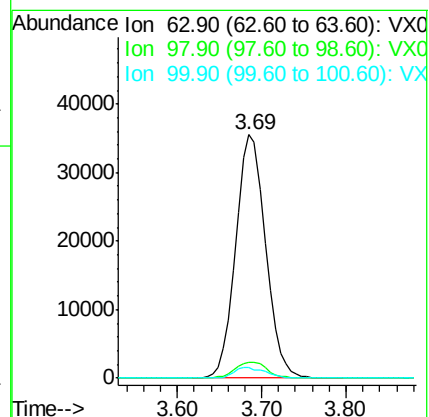
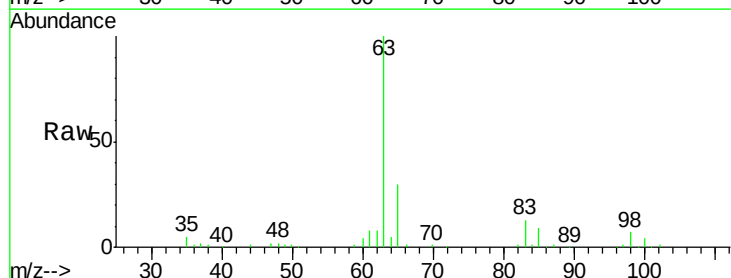
Tgt Ion: 63 Resp: 85132

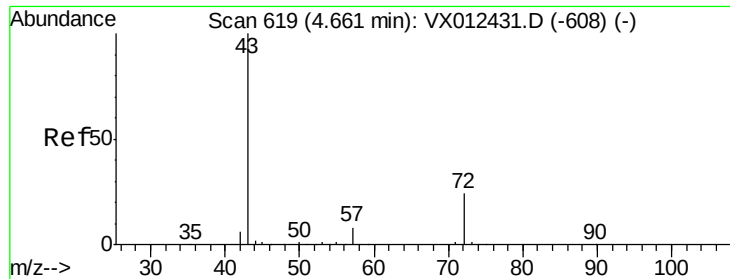
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 98.893 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 43 Resp: 201616

Ion Ratio Lower Upper

43 100

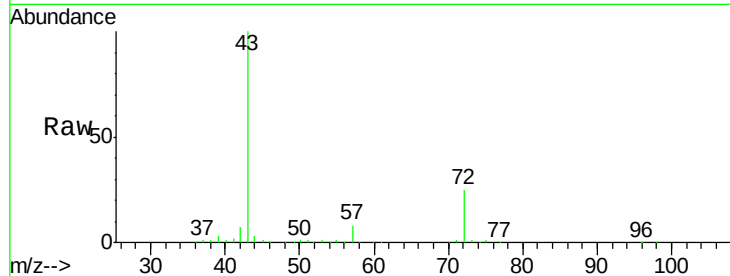
72 25.0 19.2 28.8

Manual Integrations

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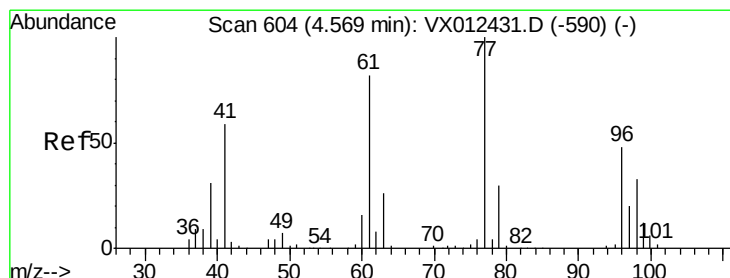
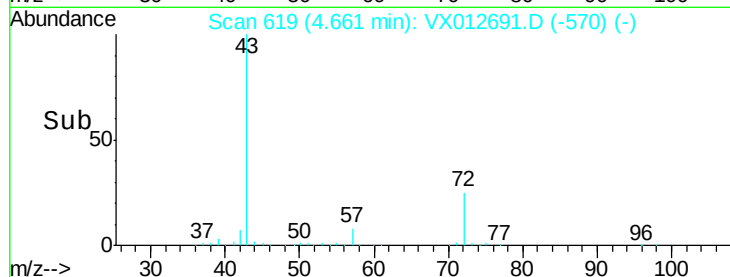
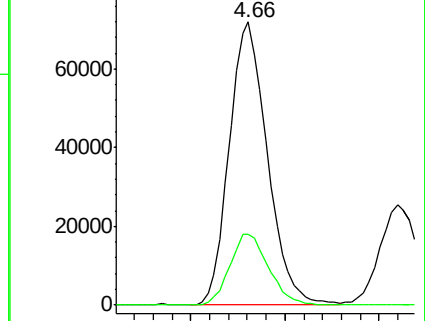
MMDadoda

9/30/2019 8:23:37 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: 19.713 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012691.D

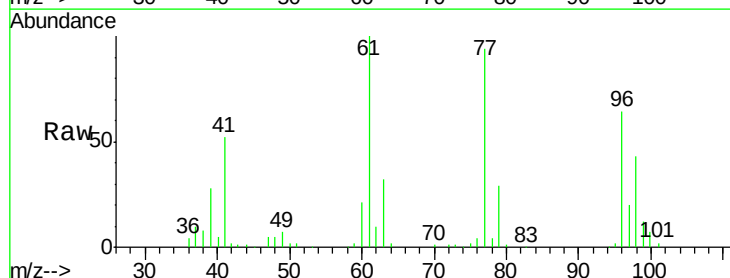
Acq: 27 Sep 2019 12:05

Tgt Ion: 77 Resp: 72414

Ion Ratio Lower Upper

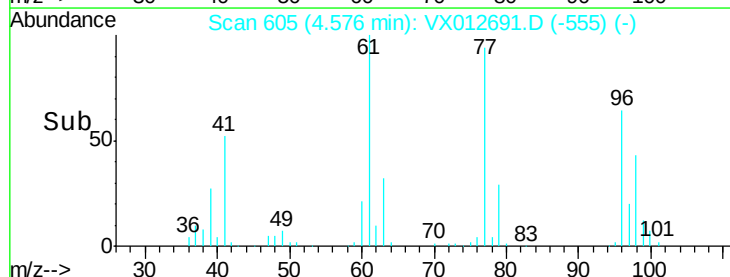
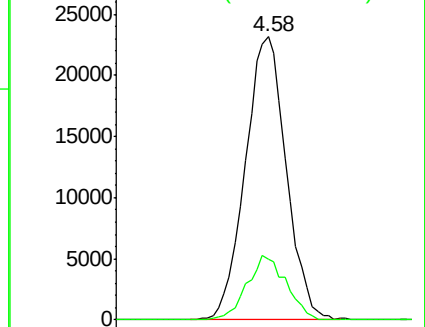
77 100

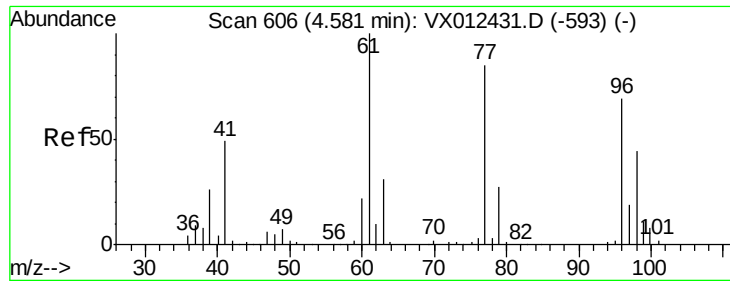
97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

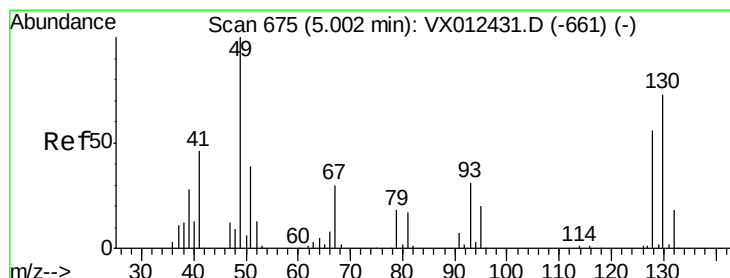
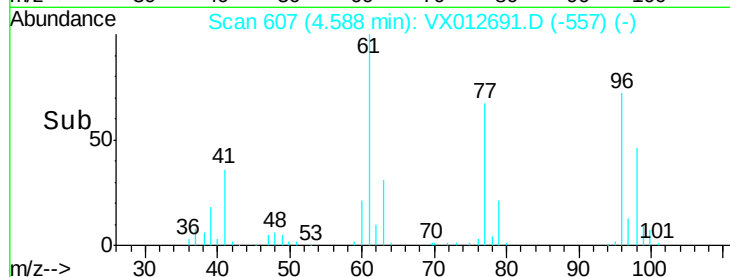
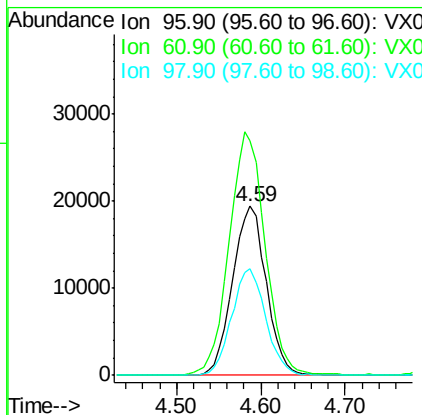
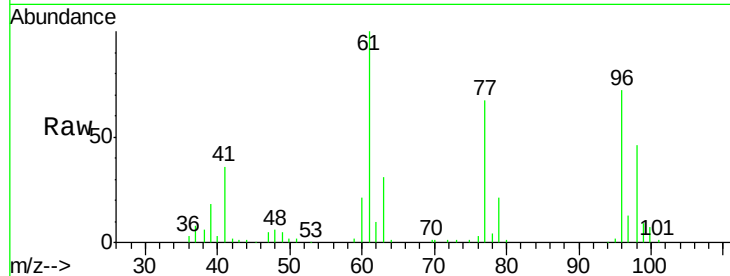
cis-1,2-Dichloroethene
Concen: 20.704 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.7	0.0	319.4
98	63.5	0.0	130.6

Manual Integrations
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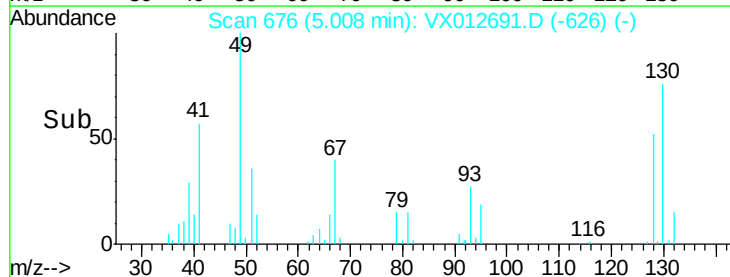
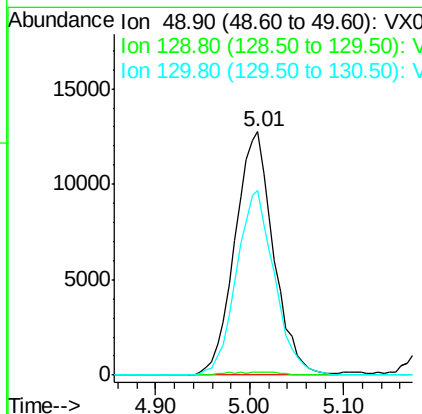
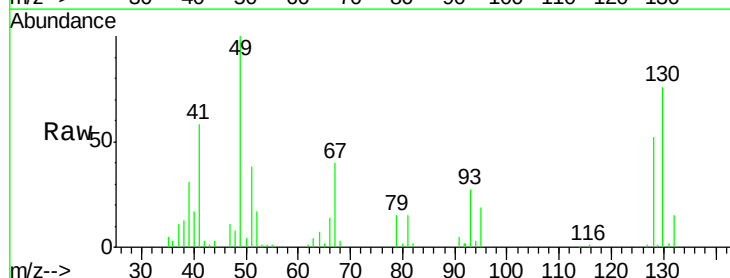
MMDadoda
9/30/2019 8:23:37 AM

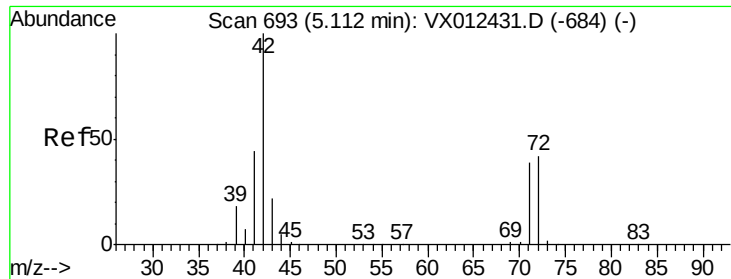


#28

Bromochloromethane
Concen: 24.276 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	74.8	58.2	87.4





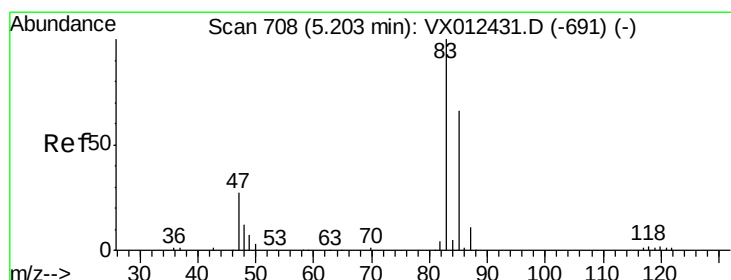
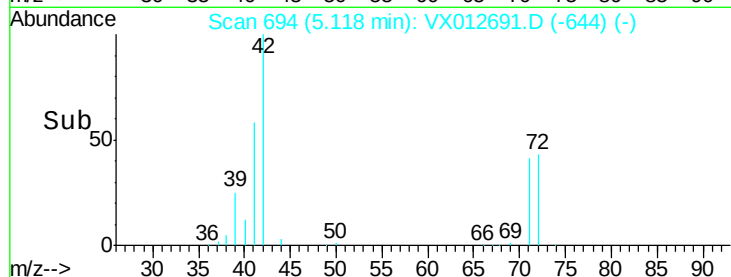
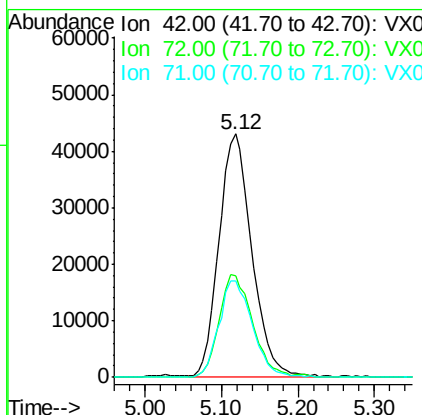
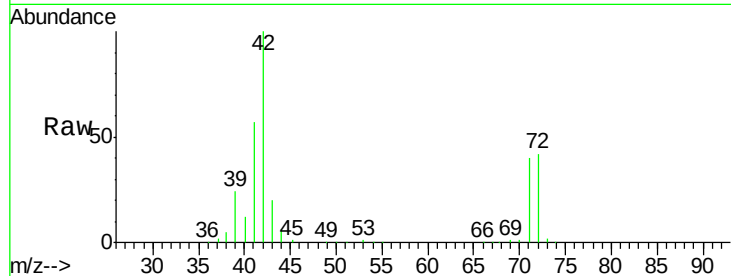
#29
Tetrahydrofuran
Concen: 103.192 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100		128228		
72	43.2	34.0	51.0		
71	40.7	31.5	47.3		

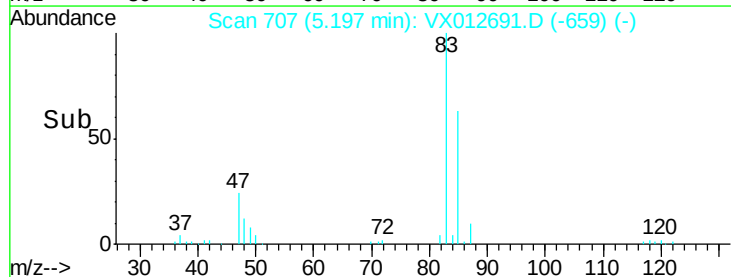
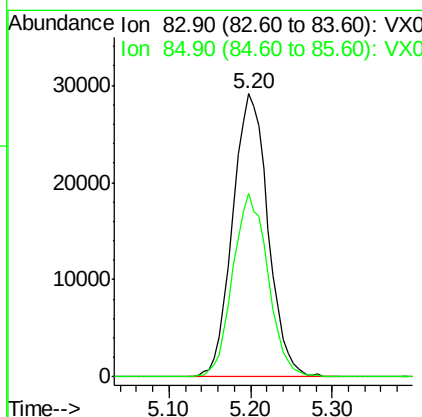
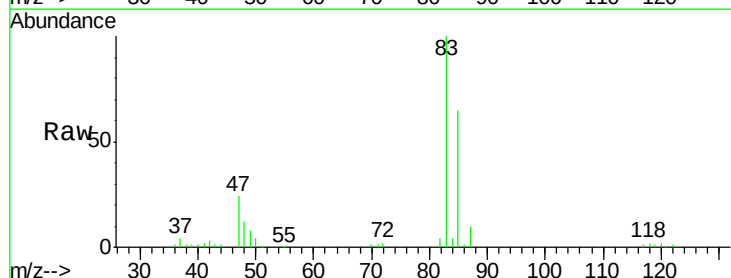
Manual Integrations
APPROVED

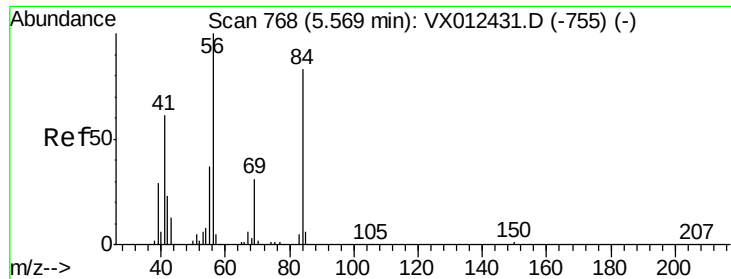
MMDadoda
9/30/2019 8:23:37 AM



#30
Chloroform
Concen: 20.682 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		87394		
85	65.0	53.0	79.4		





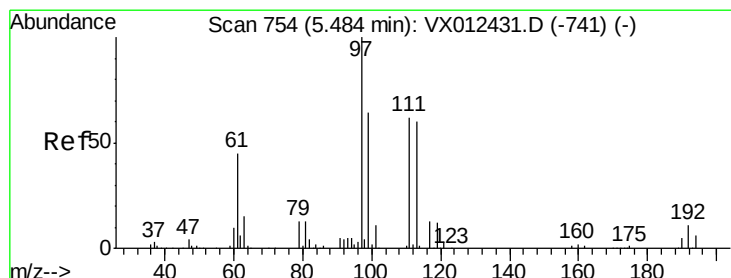
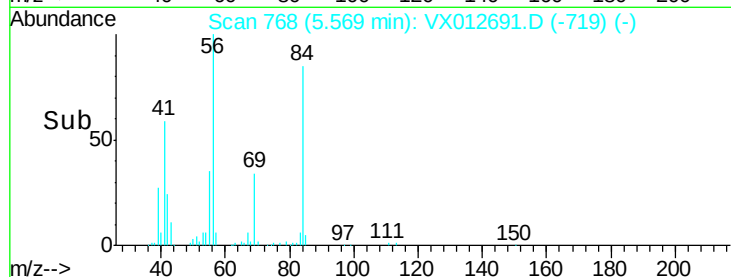
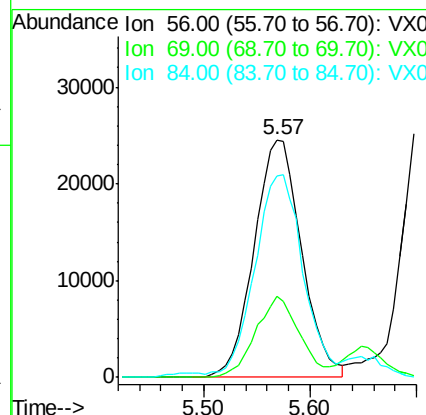
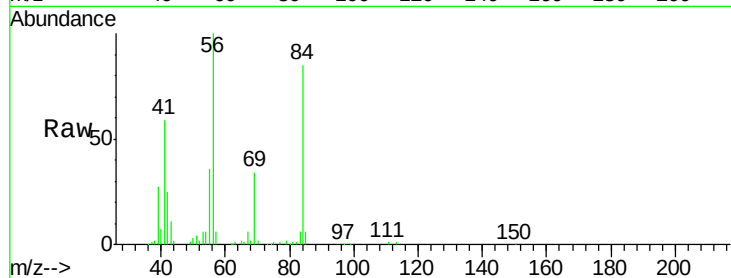
#31
Cyclohexane
Concen: 20.469 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	25.0	37.6
84	82.8	66.4	99.6

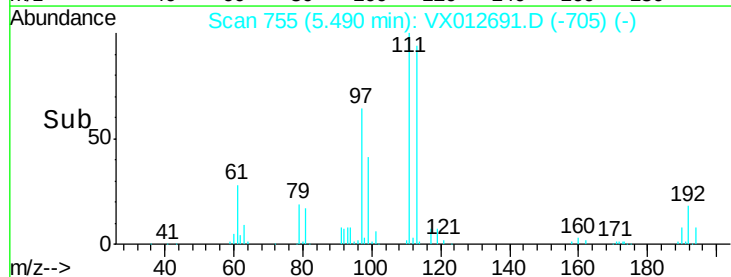
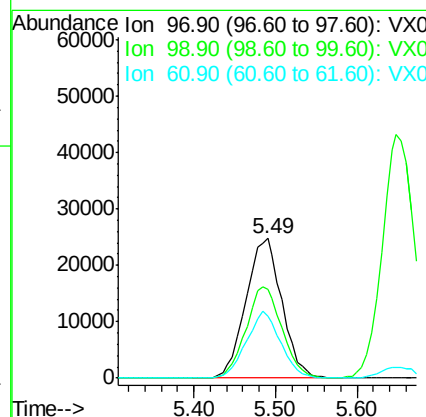
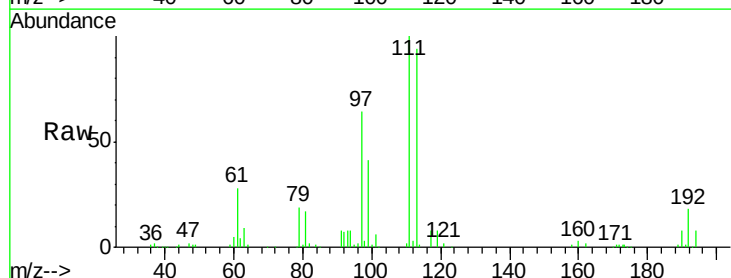
Manual Integrations
APPROVED

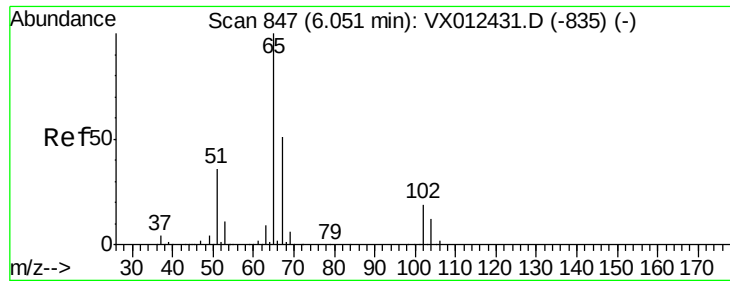
MMDadoda
9/30/2019 8:23:37 AM



#32
1,1,1-Trichloroethane
Concen: 20.225 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.3	76.9
61	45.7	36.1	54.1





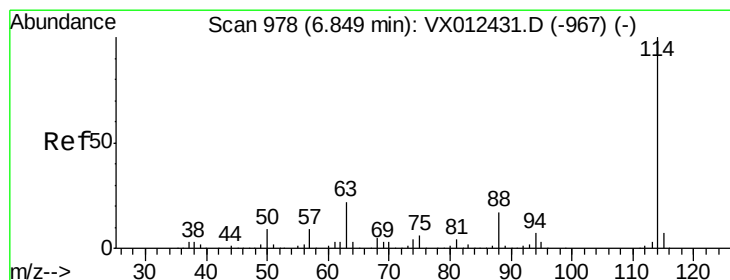
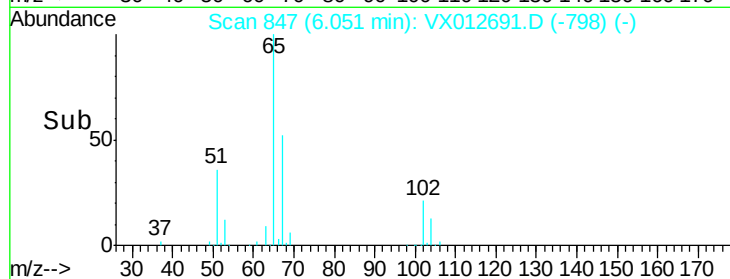
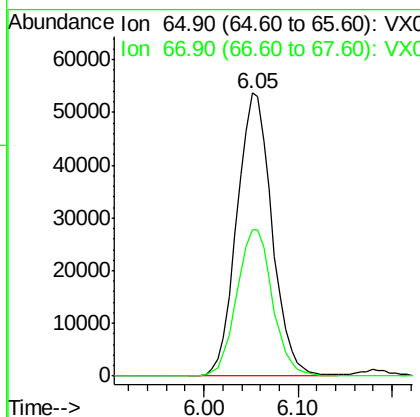
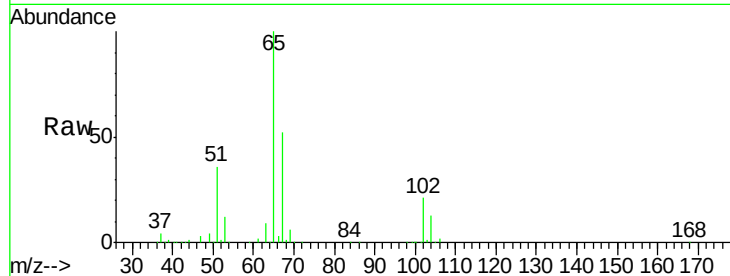
#33
 1,2-Dichloroethane-d4
 Concen: 52.224 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	101.2

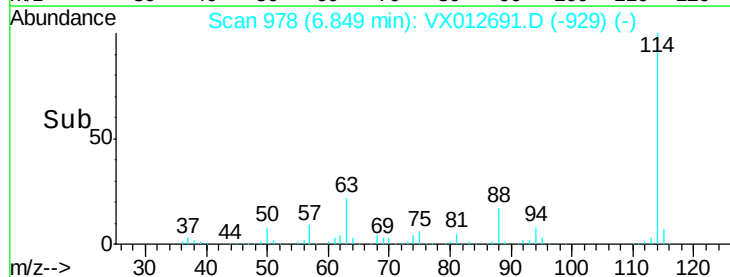
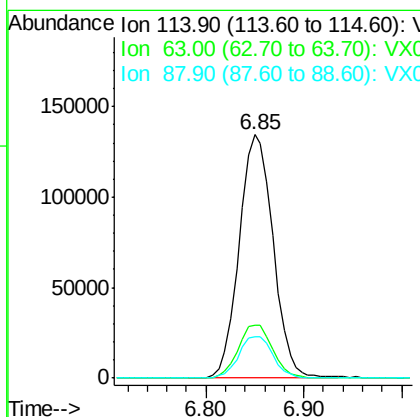
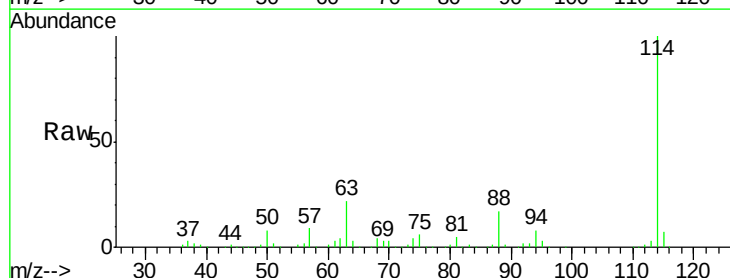
Manual Integrations
 APPROVED

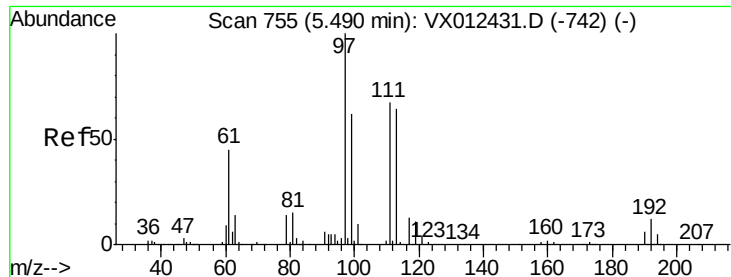
MMDadoda
 9/30/2019 8:23:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	17.0	0.0	33.2





#35

Dibromofluoromethane

Concen: 54.999 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

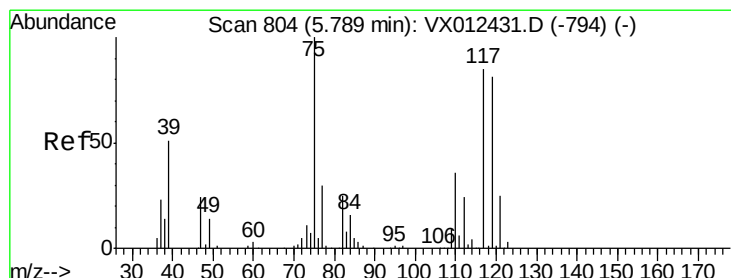
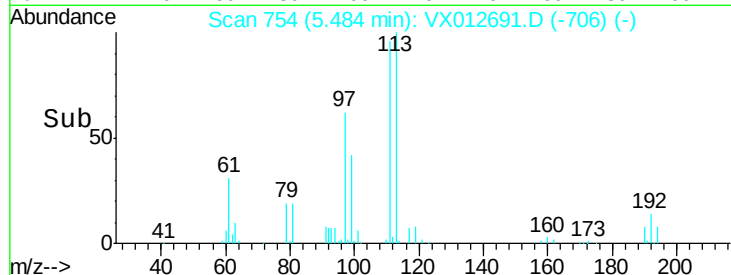
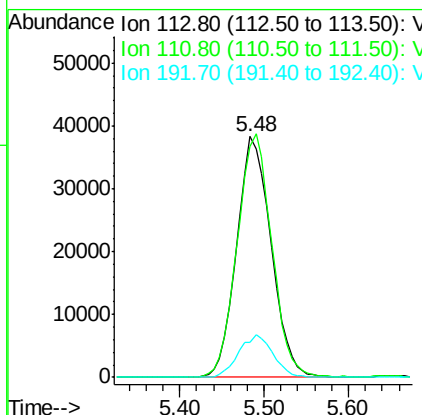
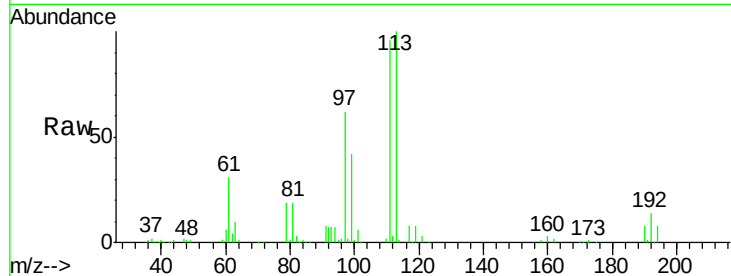
ClientSampleId :

VX0927WBS01

Tot Ion:	113	Resp:	106019
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.4	125.2
192	17.6	14.4	21.6

Manual Integrations
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9/30/2019 8:23:37 AM



#36

1,1-Dichloropropene

Concen: 20.170 ug/l

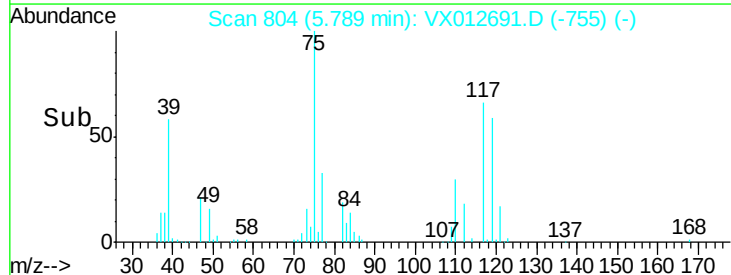
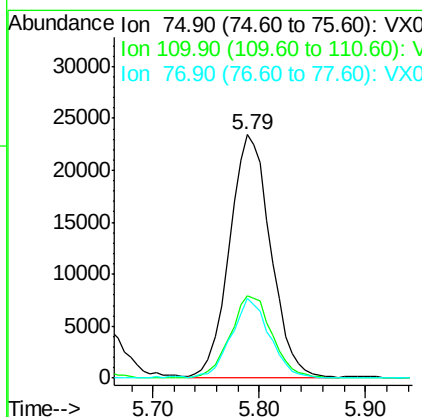
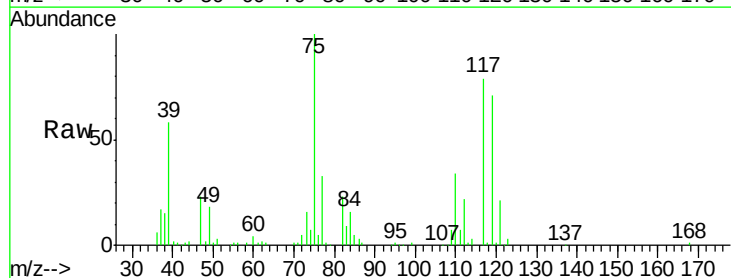
RT: 5.79 min Scan# 804

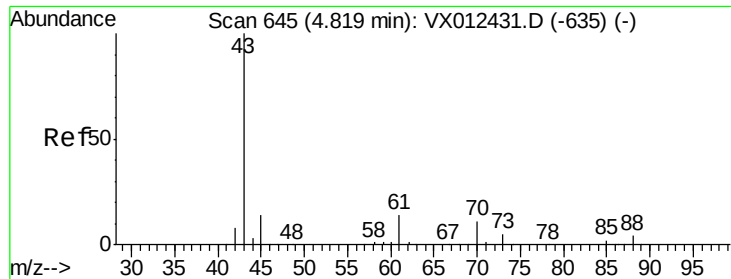
Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion:	75	Resp:	62930
Ion Ratio	Lower	Upper	
75	100		
110	34.5	16.7	50.0
77	30.9	24.2	36.2





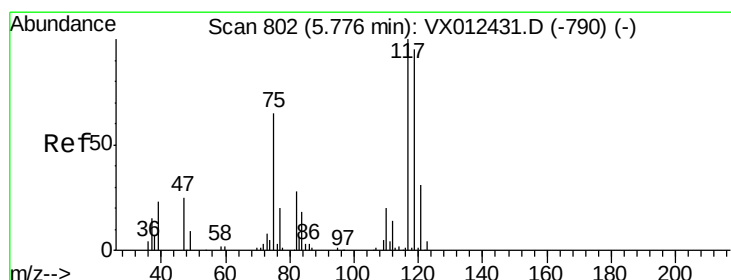
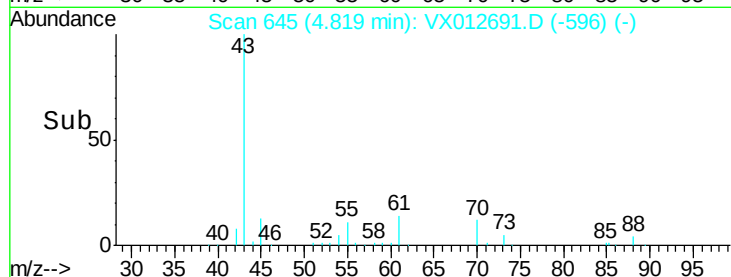
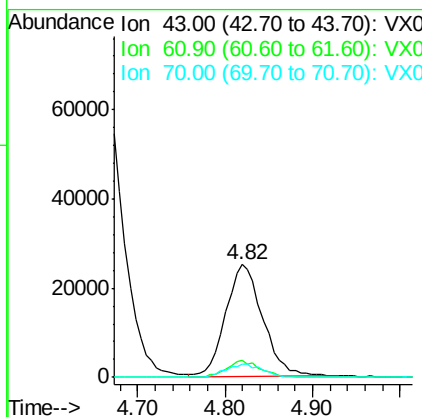
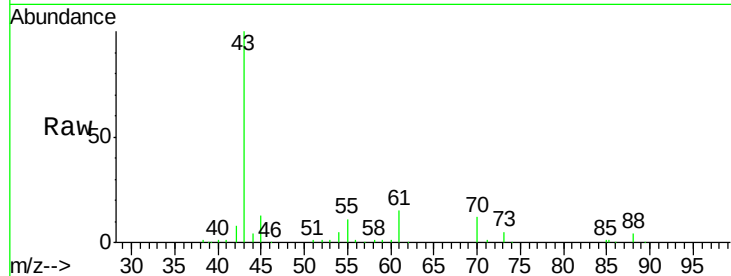
#37
Ethyl Acetate
Concen: 20.286 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	43	61	70
Resp	73993		
Ratio	100	14.0	11.8
Lower		10.2	8.7
Upper		15.4	13.1

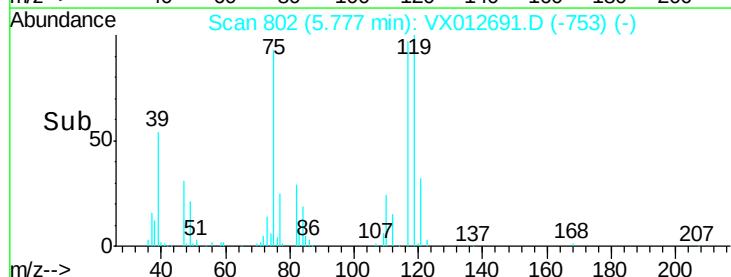
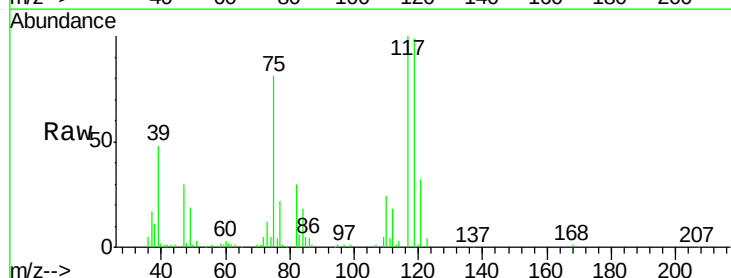
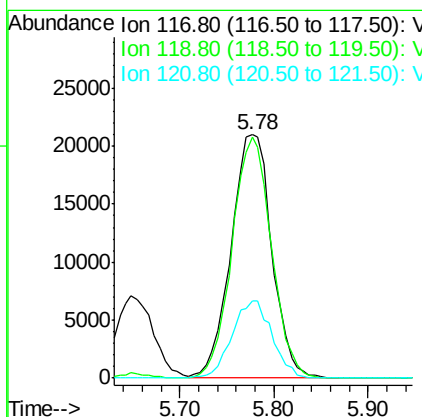
Manual Integrations
APPROVED

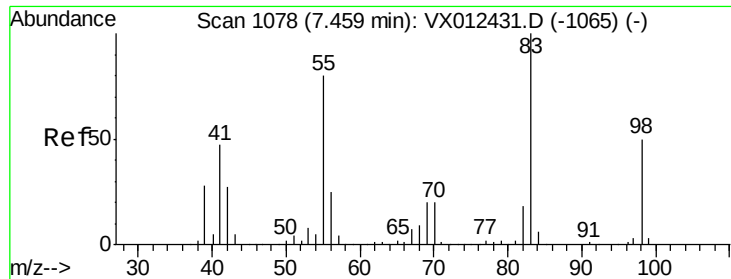
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.987 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	117	119	121
Resp	63344		
Ratio	100	99.0	31.6
Lower		75.7	24.2
Upper		113.5	36.4





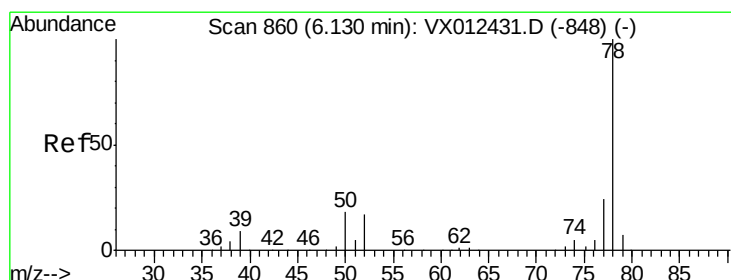
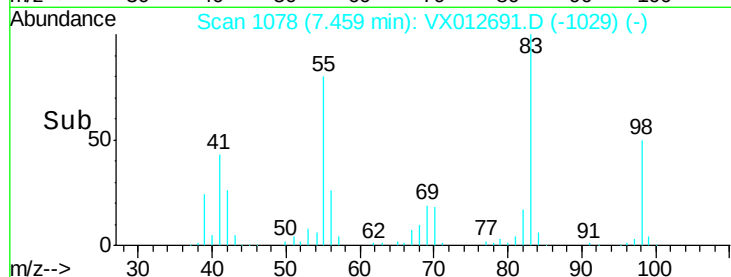
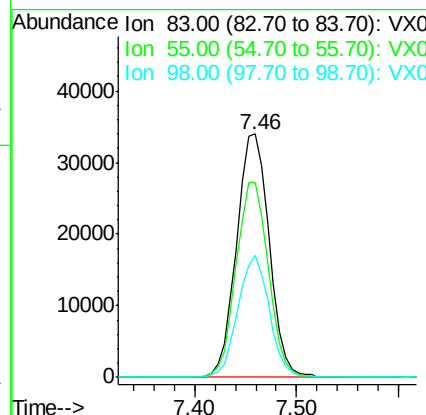
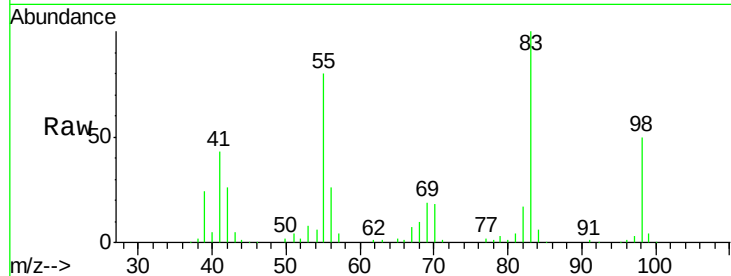
#39
Methylvlcyclohexane
Concen: 20.058 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	83	Resp	75336
Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.4	96.6
98	50.2	40.1	60.1

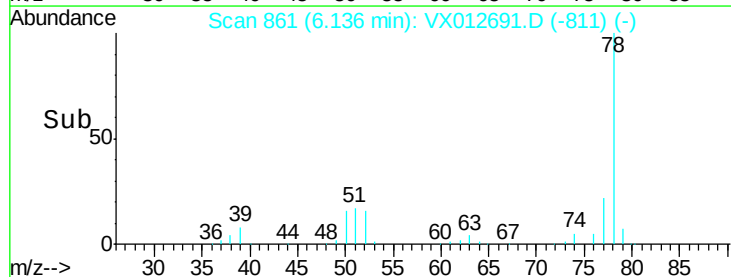
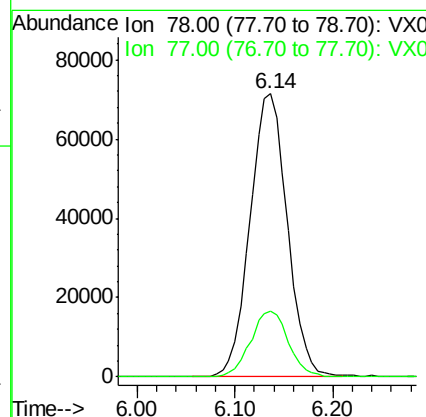
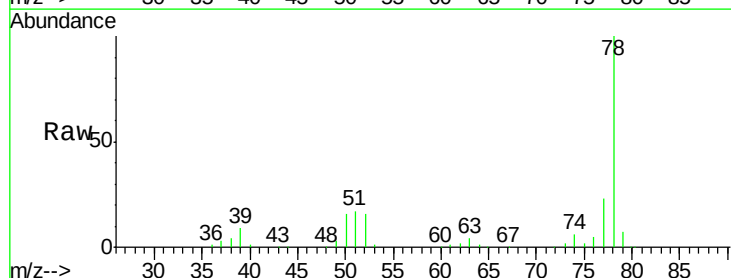
Manual Integrations
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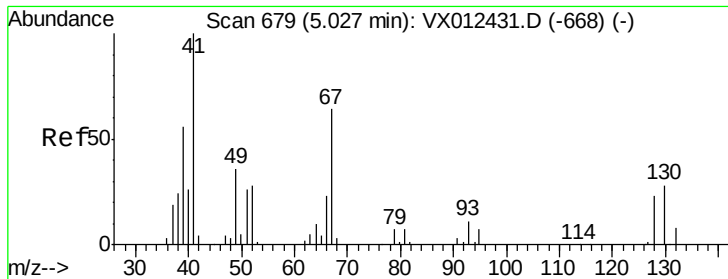
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9/30/2019 8:23:37 AM



#40
Benzene
Concen: 20.661 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	78	Resp	189663
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





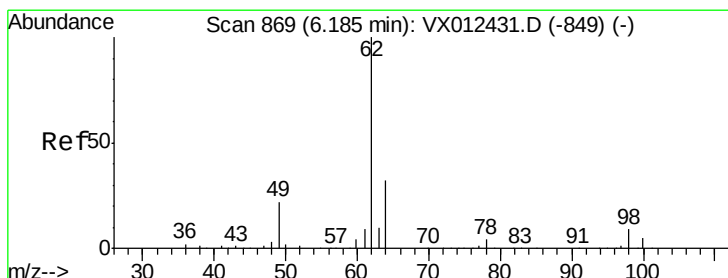
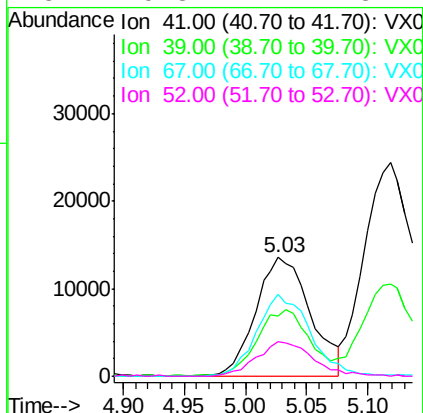
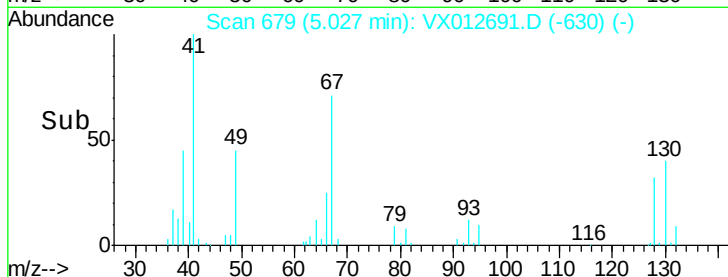
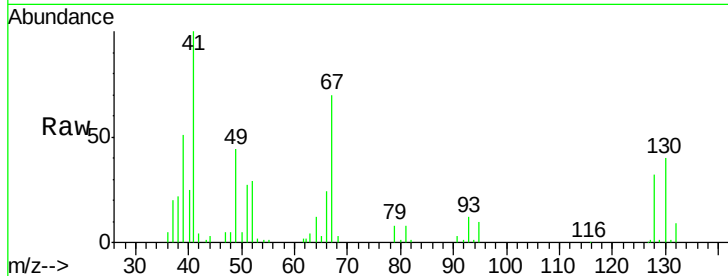
#41
Methacrylonitrile
Concen: 20.692 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion:	41	Resp:	42347
Ion	Ratio	Lower	Upper
41	100		
39	52.4	46.0	69.0
67	67.8	52.2	78.2
52	29.8	22.7	34.1

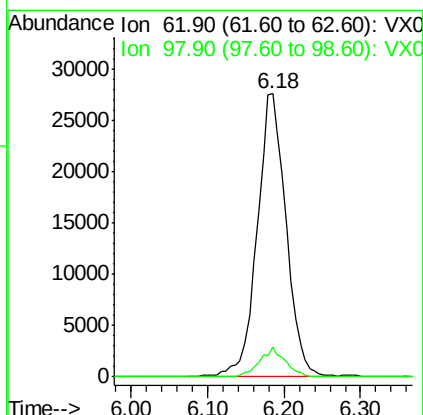
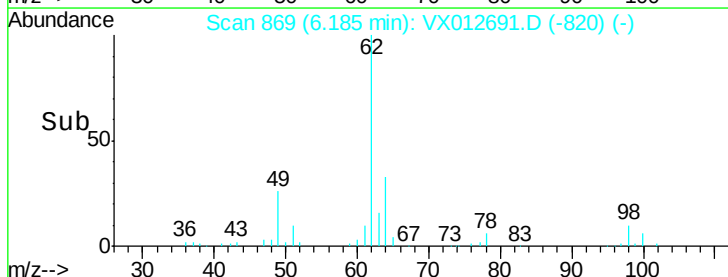
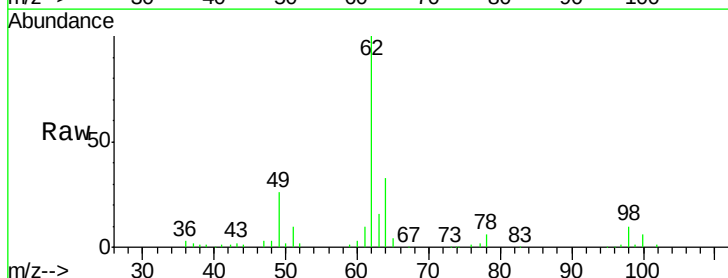
Manual Integrations
APPROVED

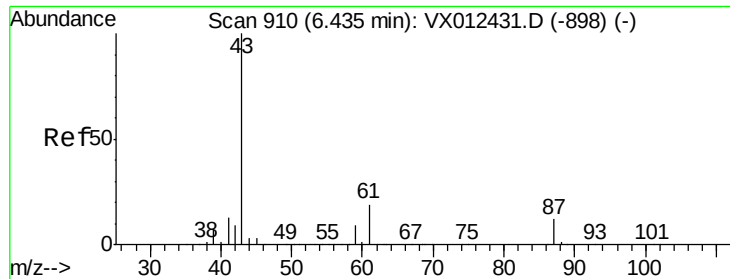
MMDadoda
9/30/2019 8:23:37 AM



#42
1,2-Dichloroethane
Concen: 20.940 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion:	62	Resp:	72995
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 20.303 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

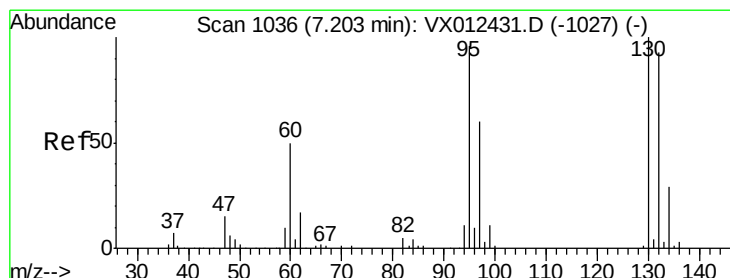
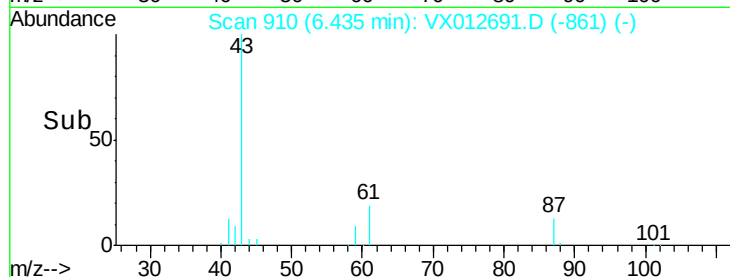
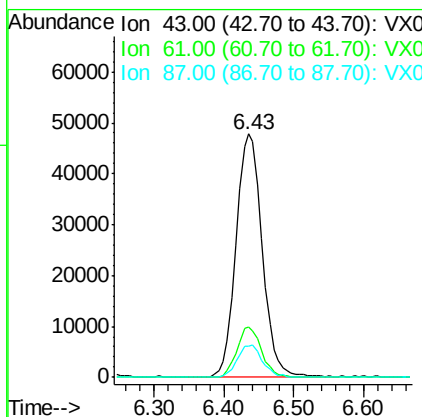
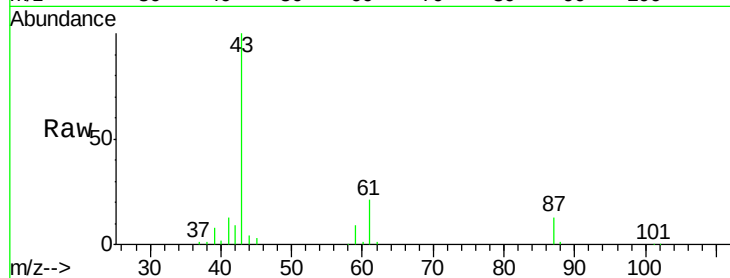
ClientSampleId :

VX0927WBS01

Tot Ion:	43	Resp:	123841
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.0	9.8	14.8

Manual Integrations
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9/30/2019 8:23:37 AM



#44

Trichloroethene

Concen: 20.097 ug/l

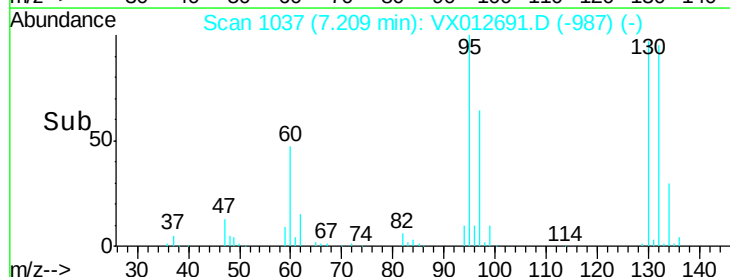
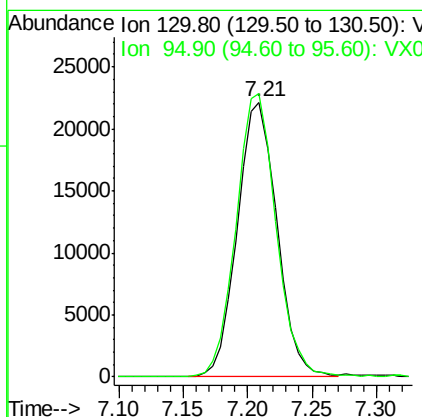
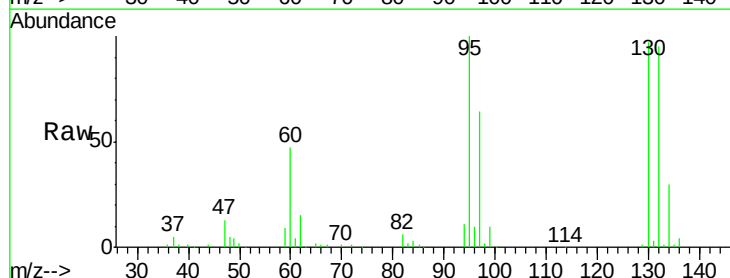
RT: 7.21 min Scan# 1037

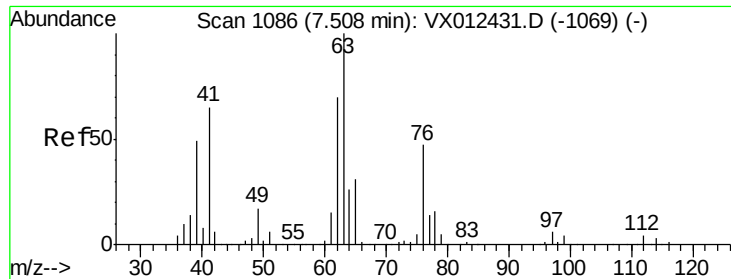
Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion:	130	Resp:	47162
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	193.0





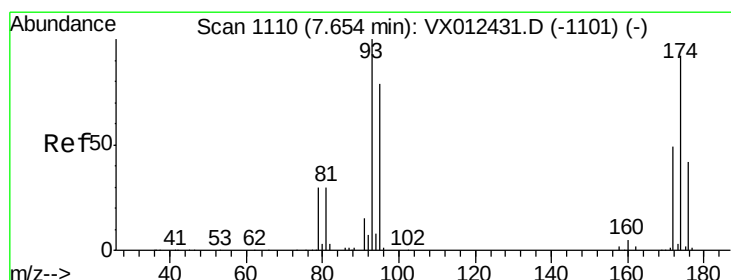
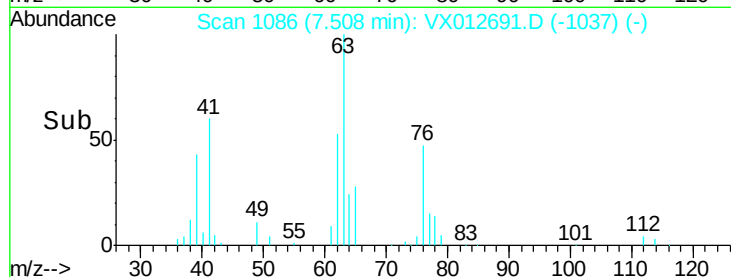
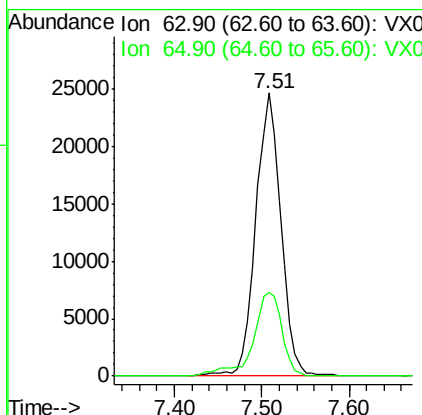
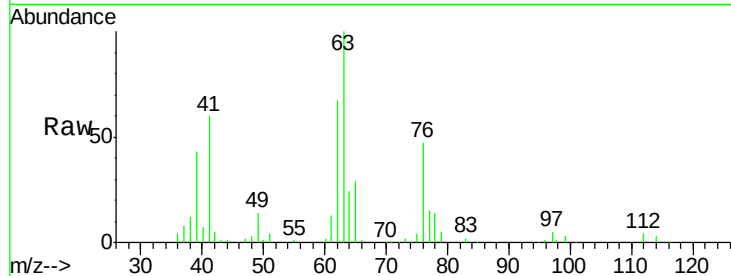
#45
 1,2-Dichloropropane
 Concen: 21.110 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 63 Resp: 49614
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.6

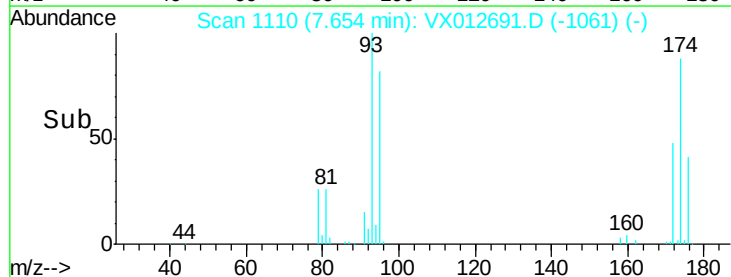
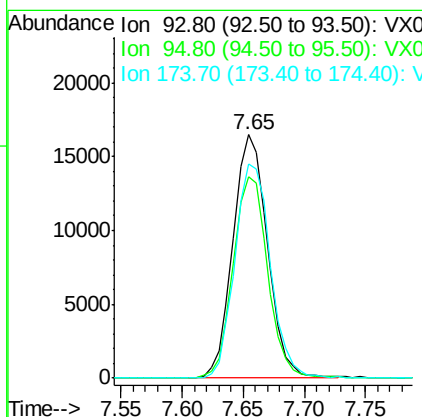
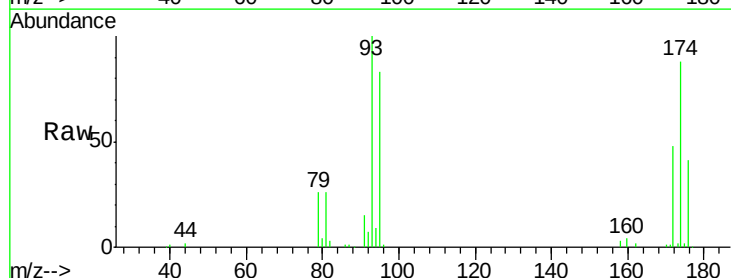
Manual Integrations
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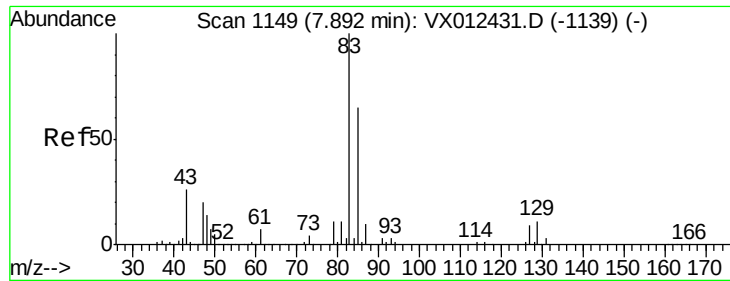
MMDadoda
 9/30/2019 8:23:37 AM



#46
 Dibromomethane
 Concen: 20.201 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 93 Resp: 32324
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 90.3 77.4 116.0





#47

Bromodichloromethane

Concen: 20.401 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

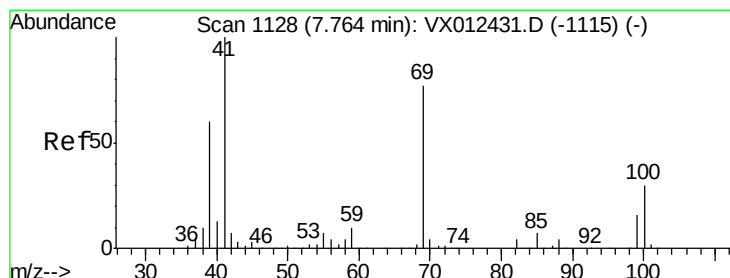
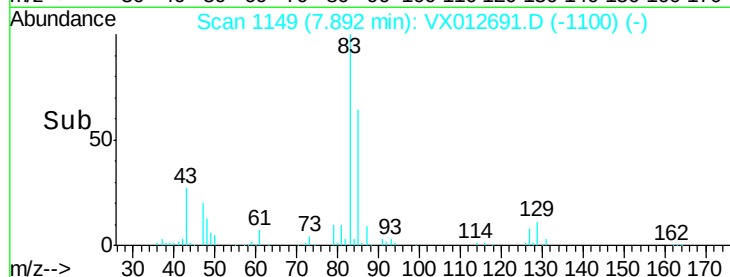
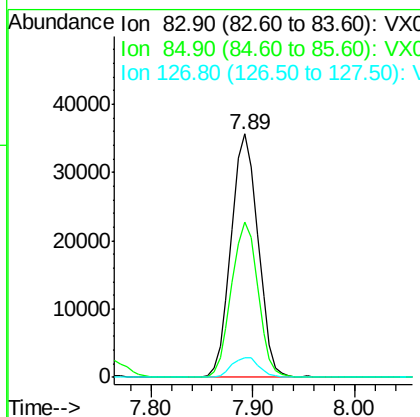
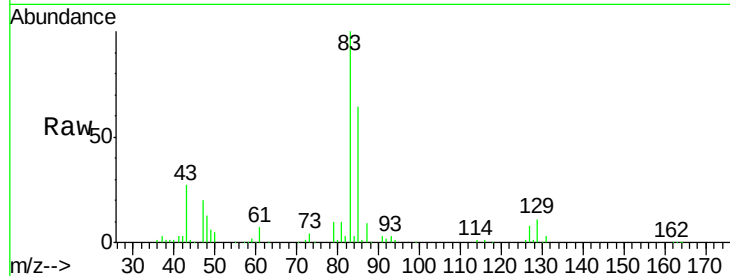
ClientSampleId :

VX0927WBS01

Tot Ion:	83	Resp:	65244
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6
127	8.1	7.3	10.9

Manual Integrations
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MMDadoda
9/30/2019 8:23:37 AM



#48

Methyl methacrylate

Concen: 20.590 ug/l

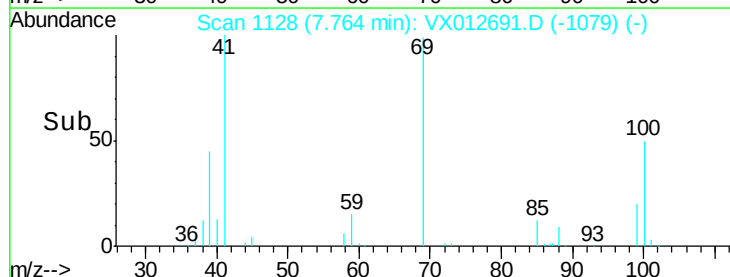
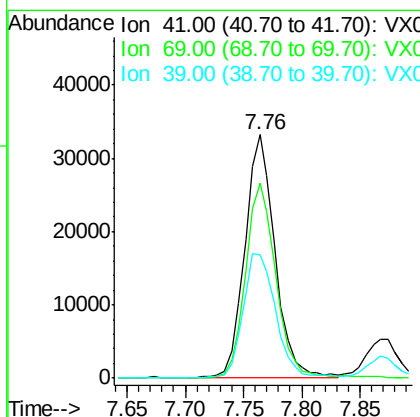
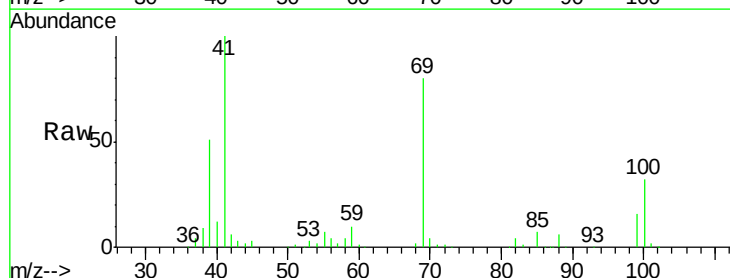
RT: 7.76 min Scan# 1128

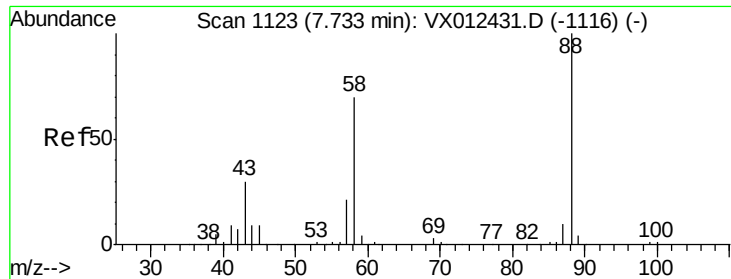
Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion:	41	Resp:	60222
Ion	Ratio	Lower	Upper
41	100		
69	80.4	59.9	89.9
39	56.0	47.8	71.6





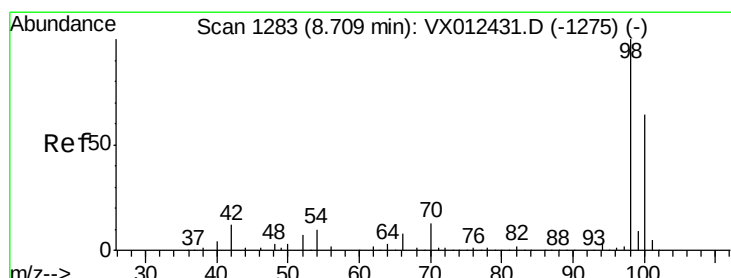
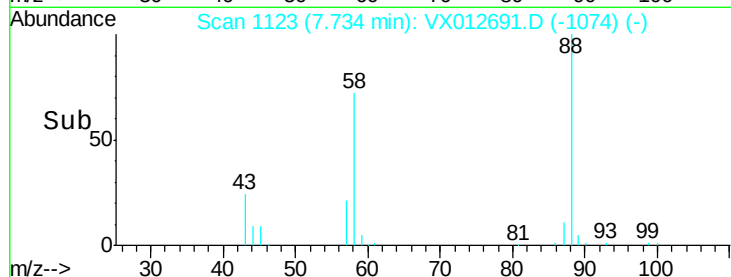
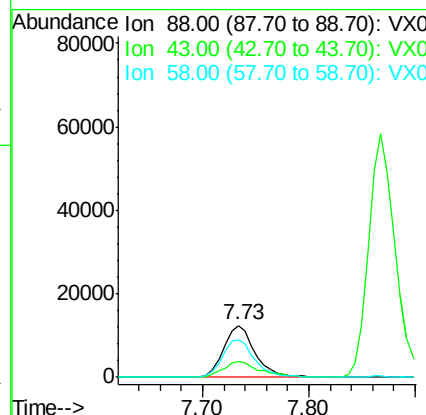
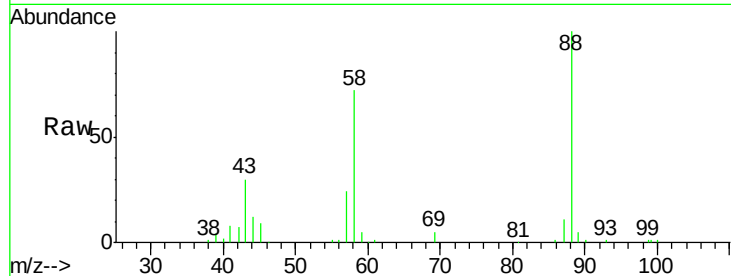
#49
1,4-Dioxane
Concen: 385.349 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	29.4	44.0
58	74.4	57.5	86.3

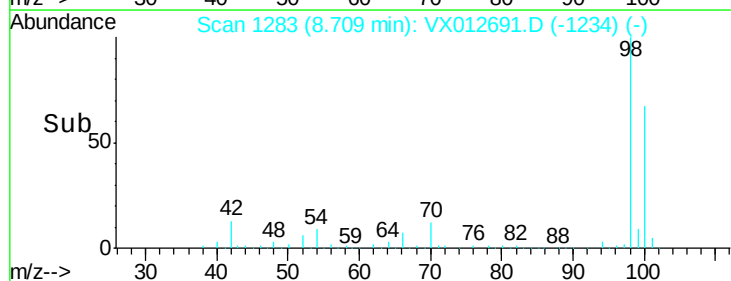
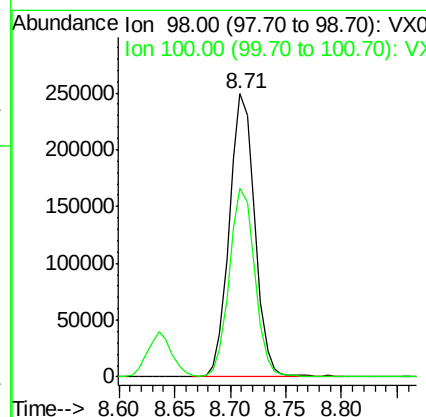
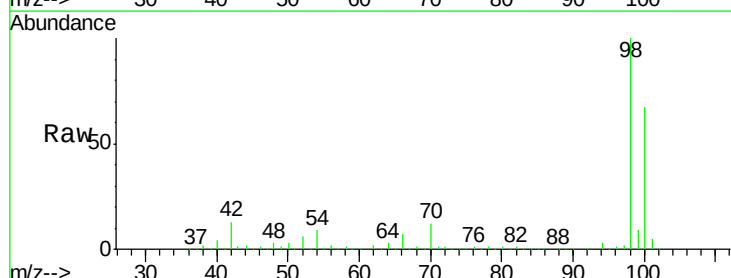
Manual Integrations
APPROVED

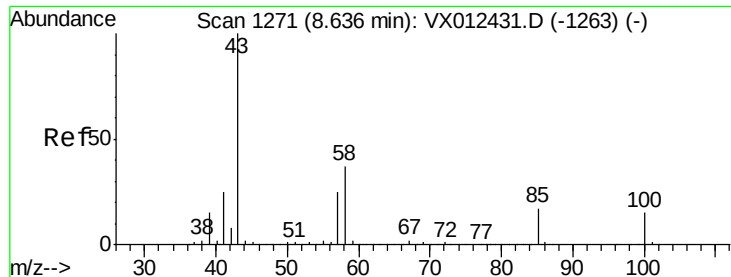
MMDadoda
9/30/2019 8:23:37 AM



#50
Toluene-d8
Concen: 53.219 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 102.028 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 43 Resp: 384164

Ion Ratio Lower Upper

43 100

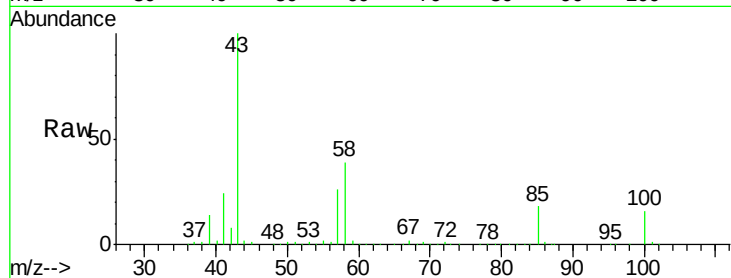
58 38.9 29.8 44.6

Manual Integrations

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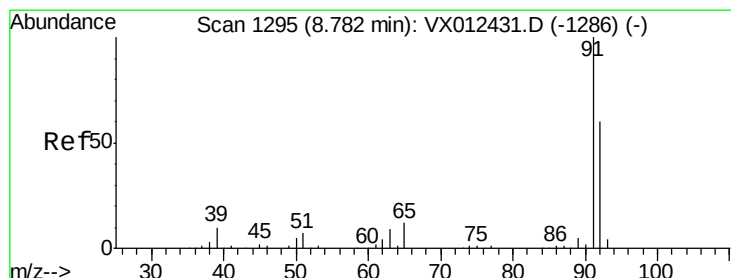
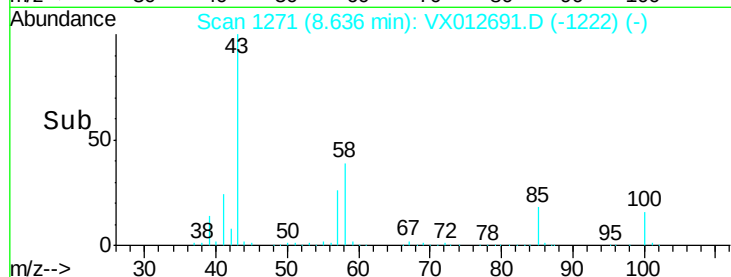
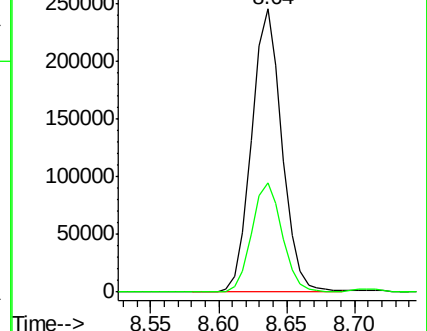
MMDadoda

9/30/2019 8:23:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.565 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012691.D

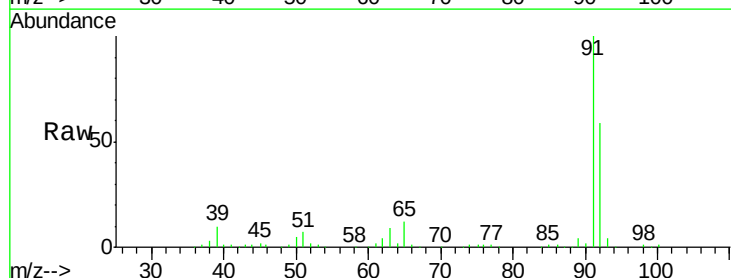
Acq: 27 Sep 2019 12:05

Tgt Ion: 92 Resp: 118652

Ion Ratio Lower Upper

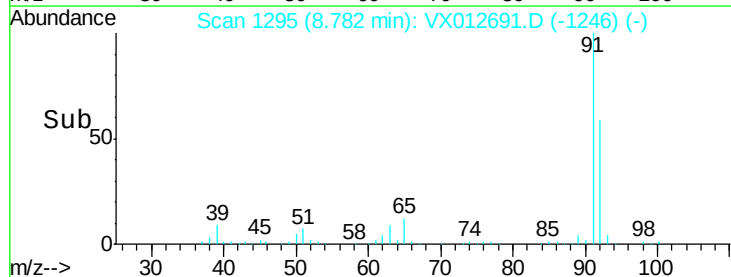
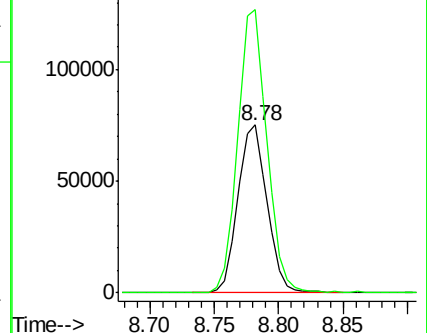
92 100

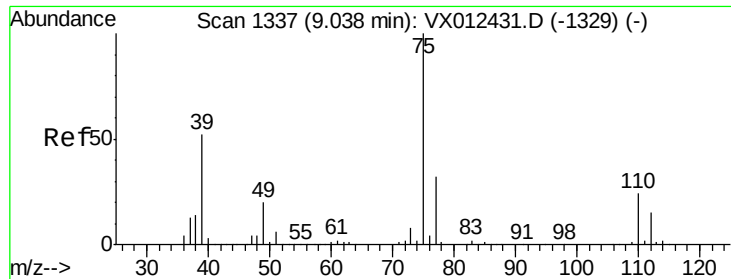
91 169.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





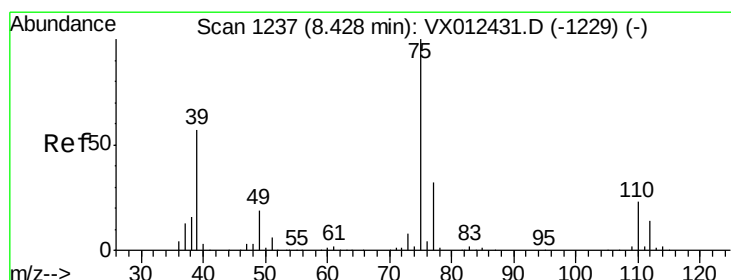
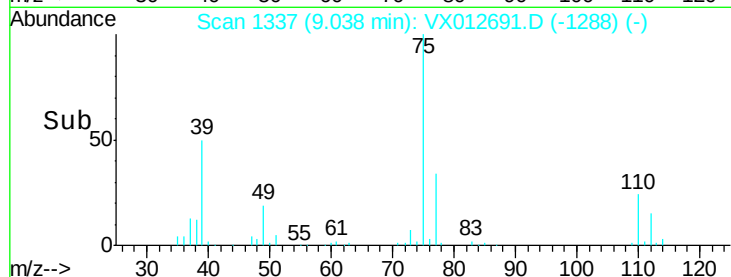
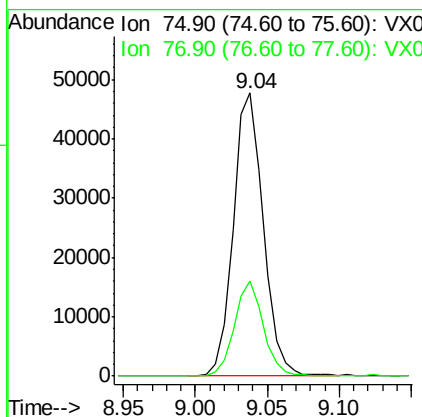
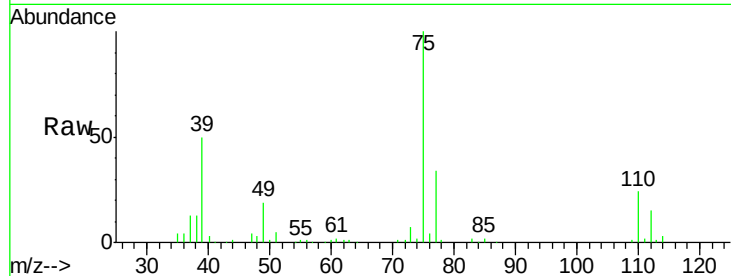
#53
 t-1,3-Dichloropropene
 Concen: 19.582 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 75 Resp: 69288
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.2 37.8

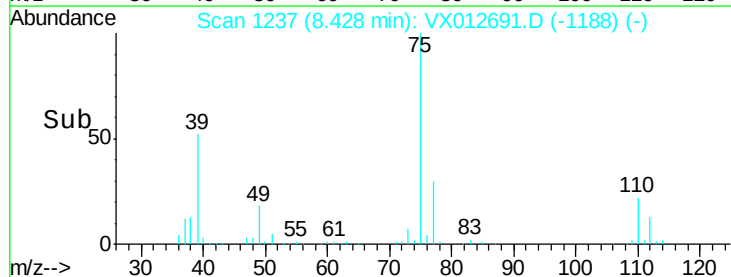
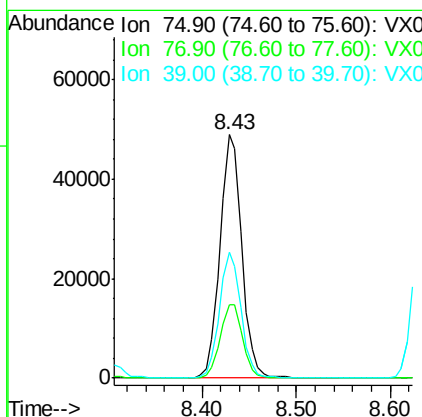
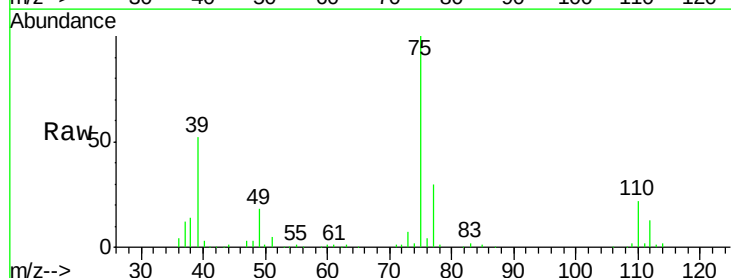
Manual Integrations
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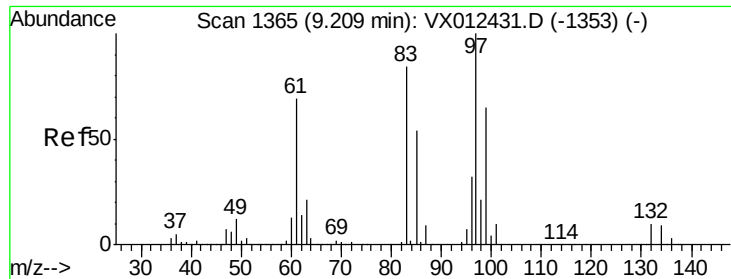
MMDadoda
 9/30/2019 8:23:37 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.349 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 75 Resp: 78617
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.8
 39 51.7 45.5 68.3





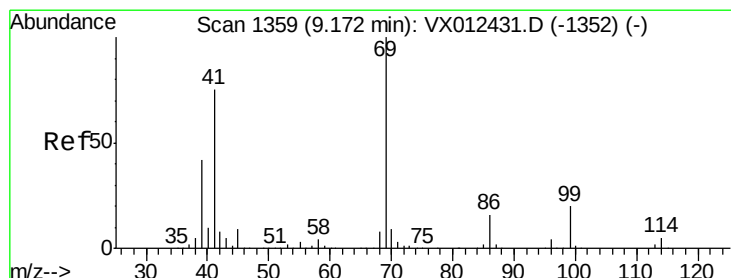
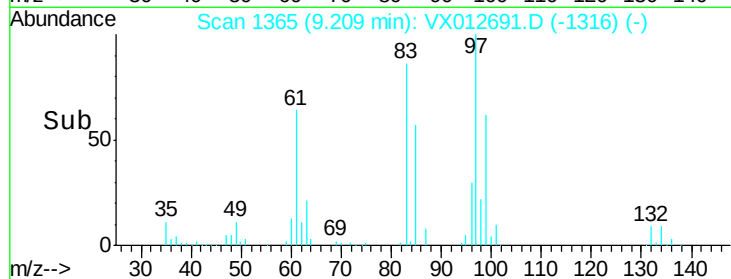
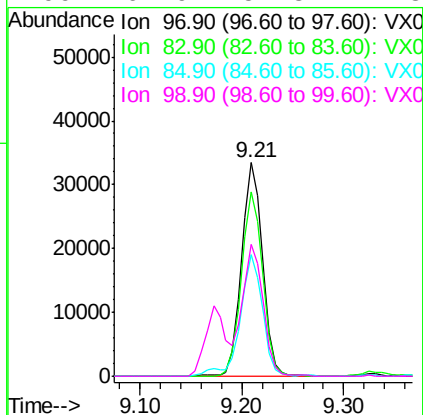
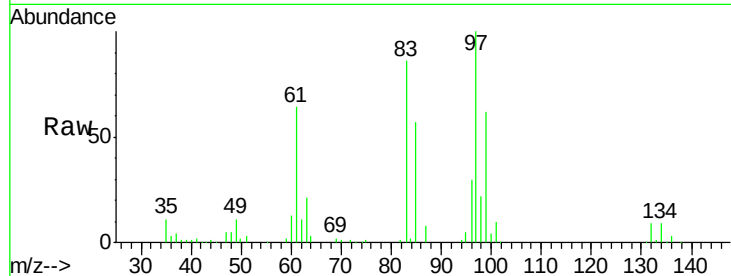
#55
 1,1,2-Trichloroethane
 Concen: 20.711 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion:	97	Resp:	47507
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.2
85	56.9	43.5	65.3
99	61.9	51.8	77.8

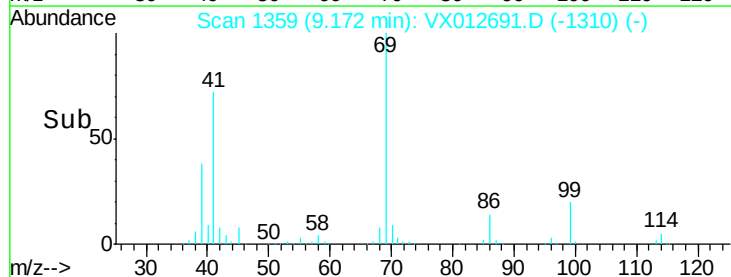
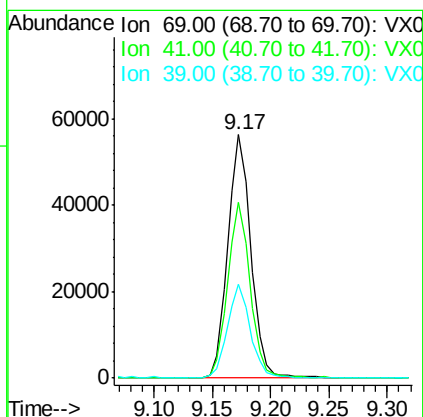
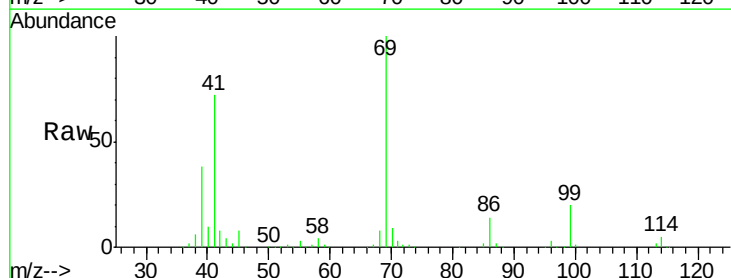
Manual Integrations
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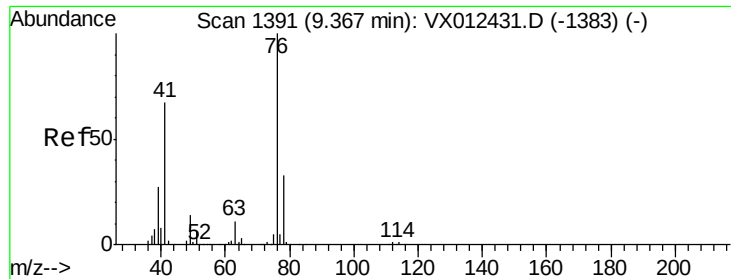
MMDadoda
 9/30/2019 8:23:37 AM



#56
 Ethyl methacrylate
 Concen: 20.219 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion:	69	Resp:	77915
Ion	Ratio	Lower	Upper
69	100		
41	70.6	58.4	87.6
39	37.7	33.4	50.0





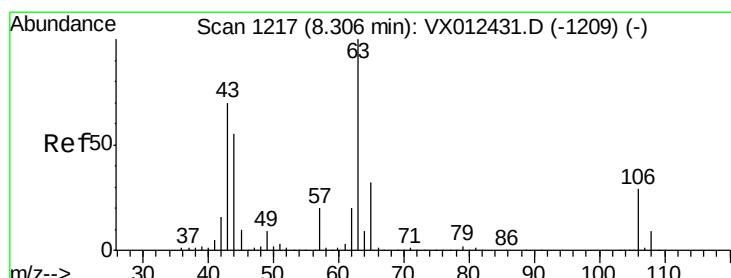
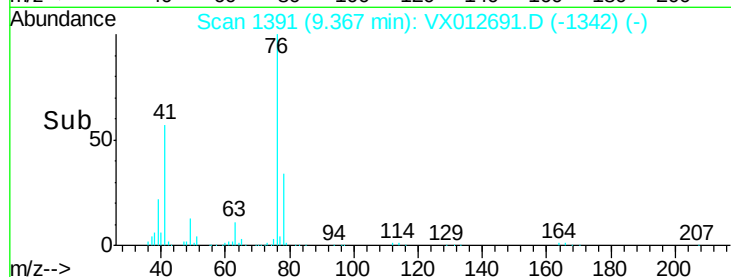
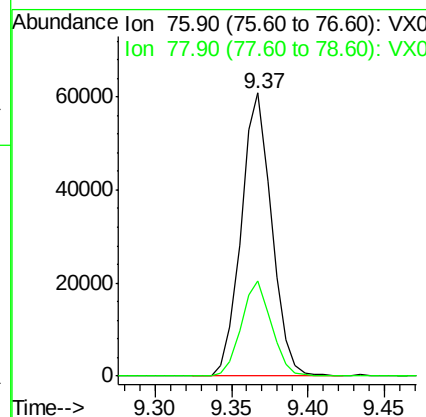
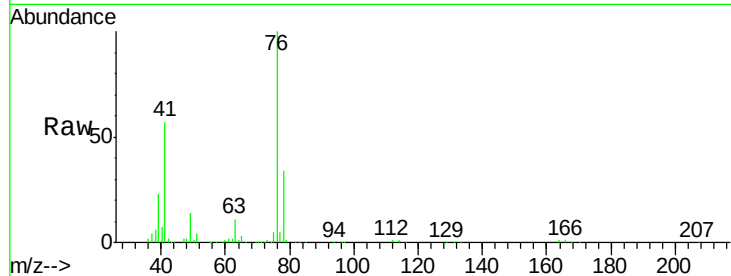
#57
 1,3-Dichloropropane
 Concen: 20.964 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 76 Resp: 84161
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2

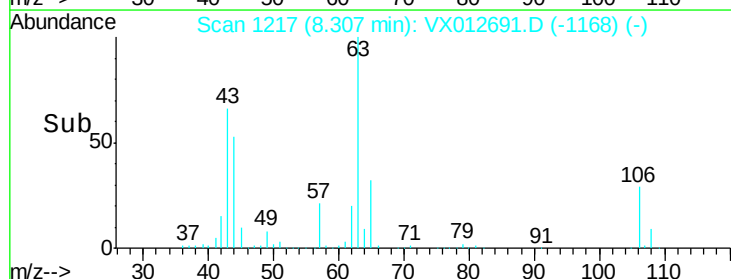
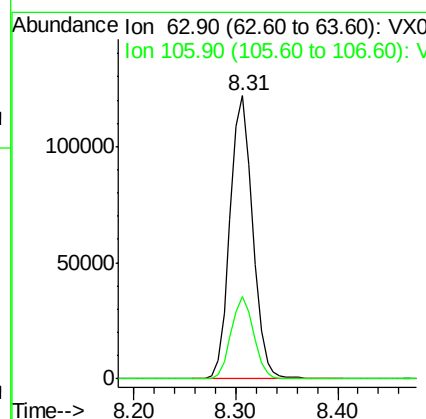
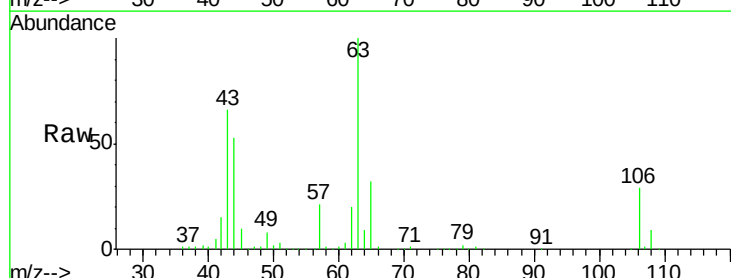
Manual Integrations
 APPROVED

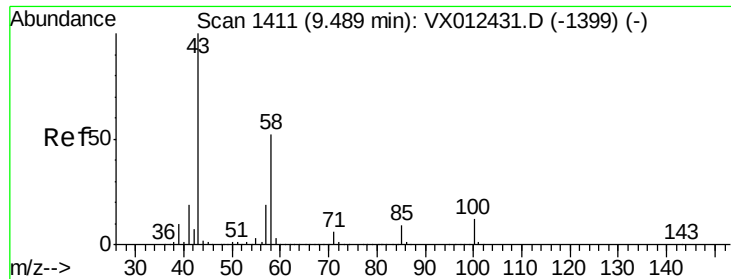
MMDadoda
 9/30/2019 8:23:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.880 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 63 Resp: 188337
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.8 35.6





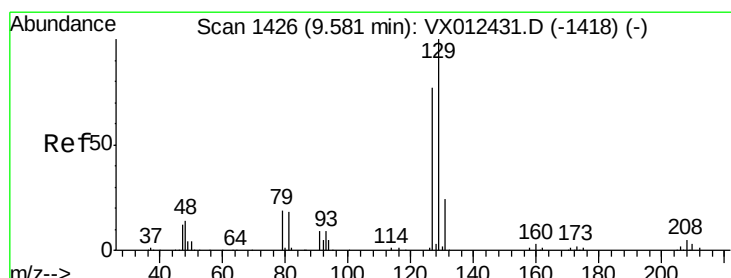
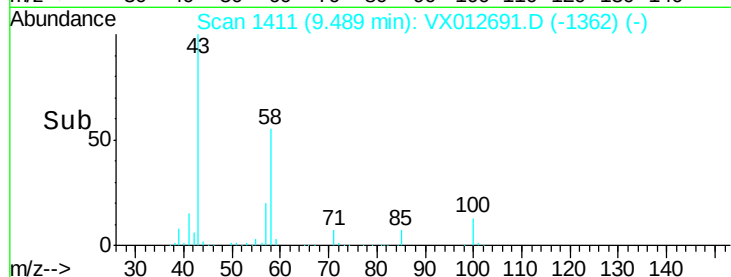
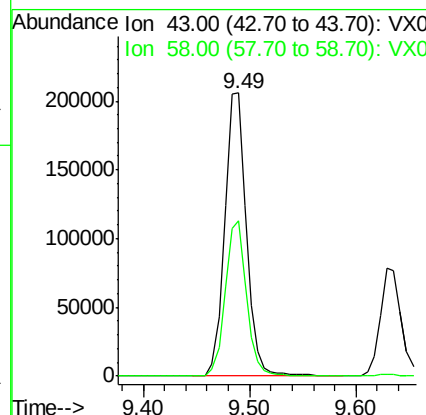
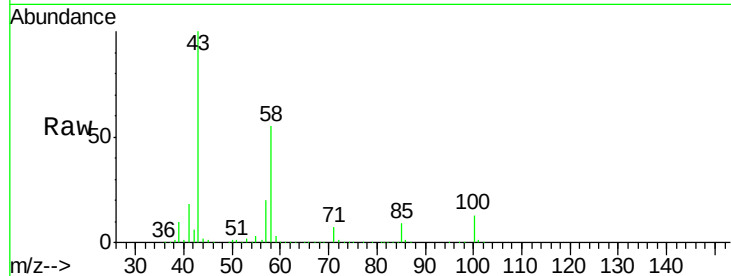
#59
2-Hexanone
Concen: 101.826 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion: 43 Resp: 293472
Ion Ratio Lower Upper
43 100
58 53.6 25.7 77.1

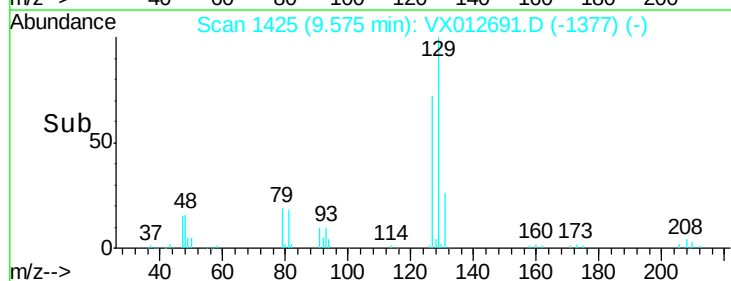
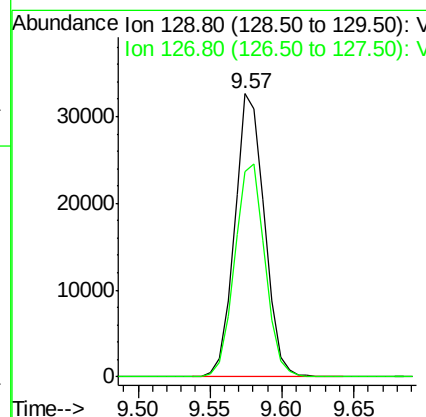
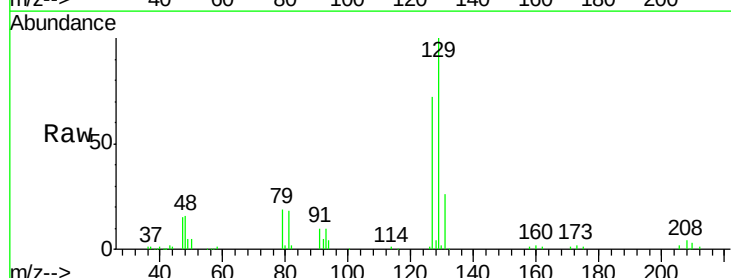
Manual Integrations
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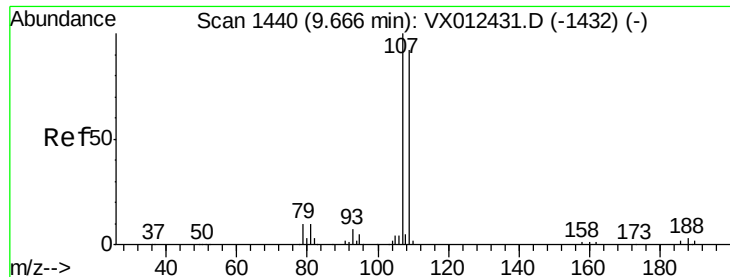
MMDadoda
9/30/2019 8:23:37 AM



#60
Dibromochloromethane
Concen: 20.301 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion:129 Resp: 47139
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.201 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion:107 Resp: 50611

Ion Ratio Lower Upper

107 100

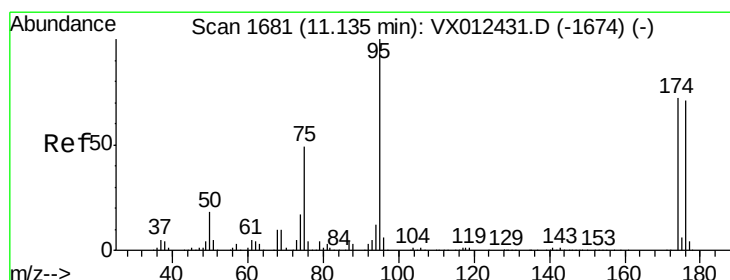
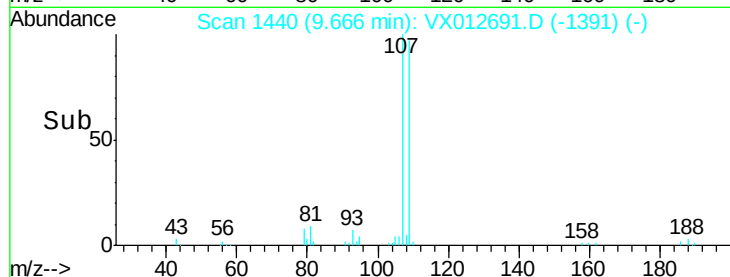
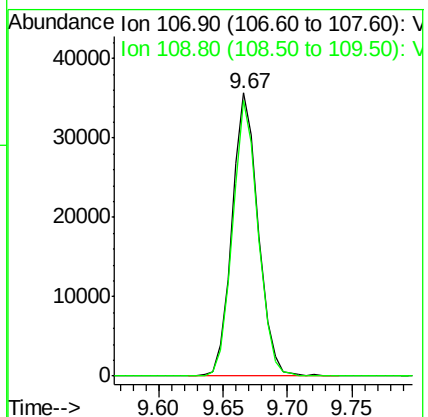
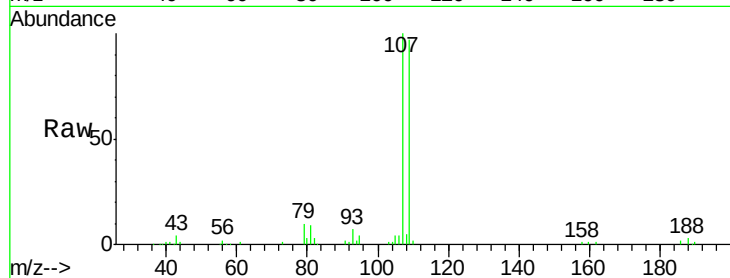
109 94.9 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 52.258 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

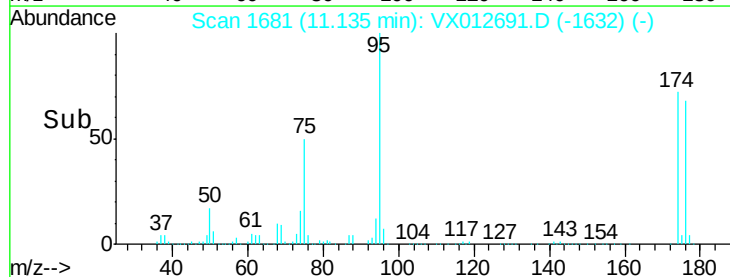
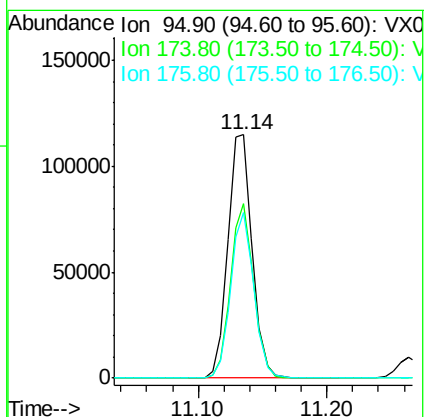
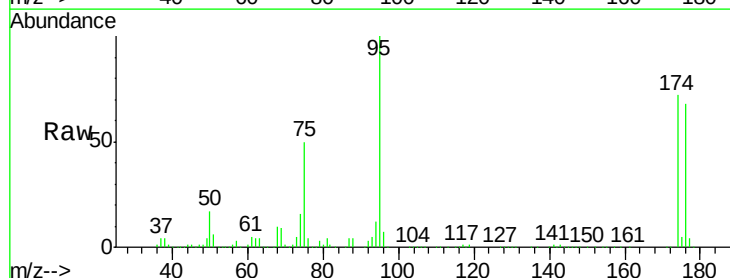
Tgt Ion: 95 Resp: 152539

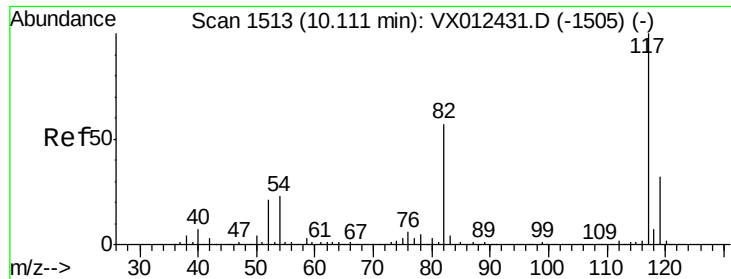
Ion Ratio Lower Upper

95 100

174 67.8 0.0 140.0

176 64.6 0.0 135.4





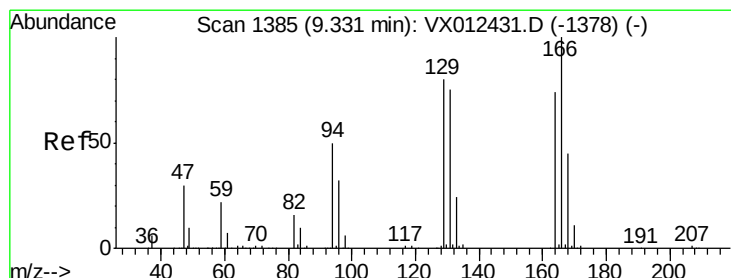
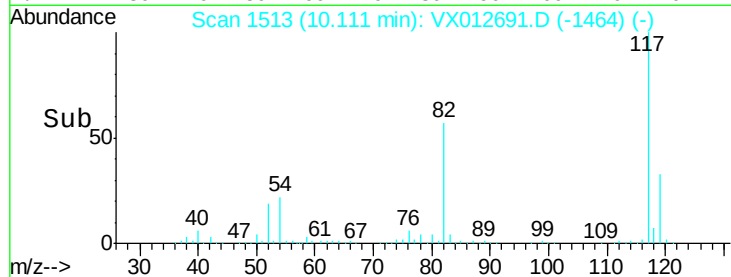
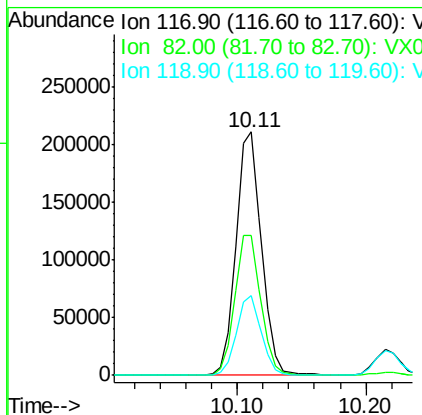
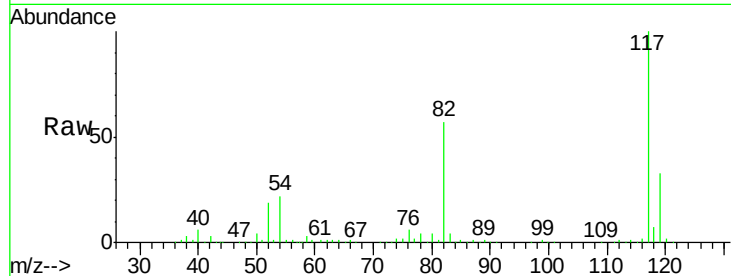
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289917		
82	57.4	45.9	68.9	
119	32.7	25.3	37.9	

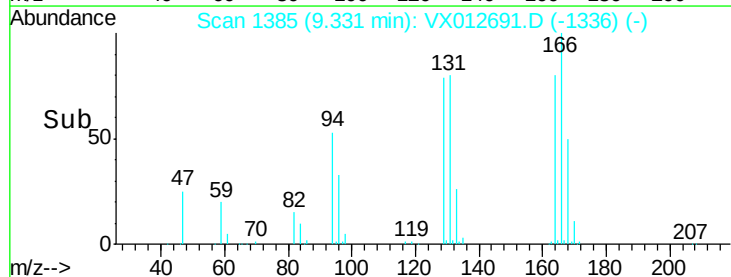
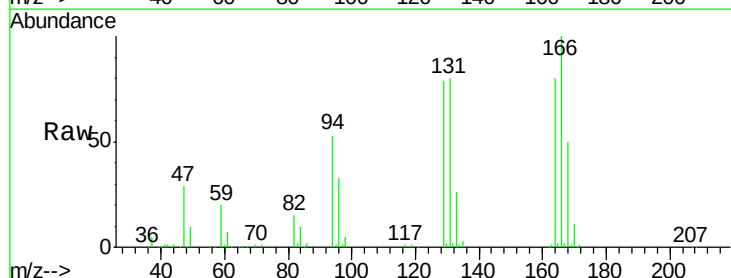
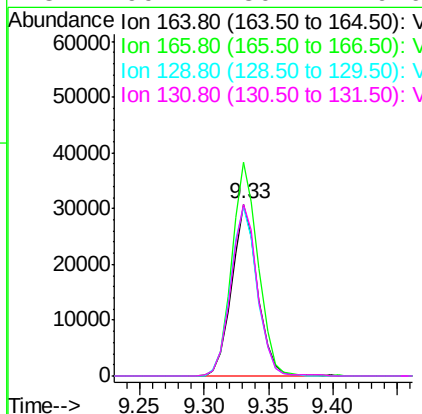
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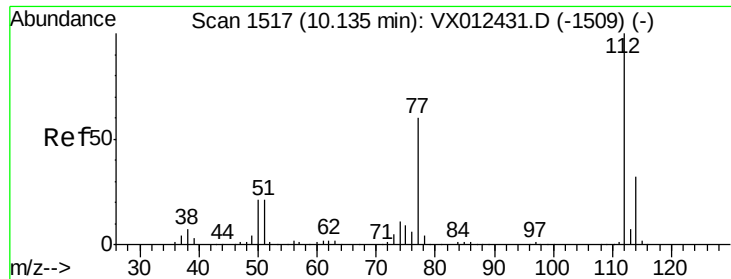
MMDadoda
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#64
Tetrachloroethene
Concen: 21.144 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42740		
166	124.3	107.8	161.6	
129	98.6	86.2	129.2	
131	99.7	80.4	120.6	





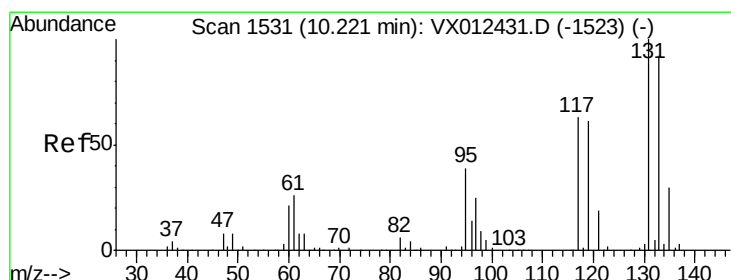
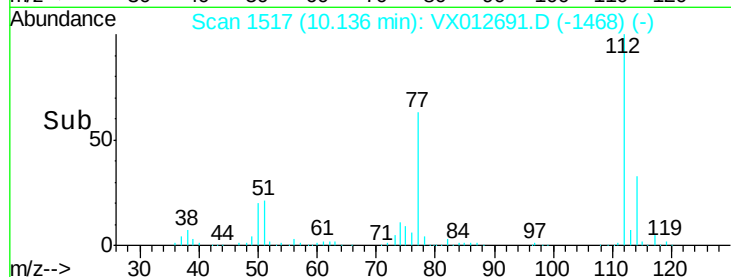
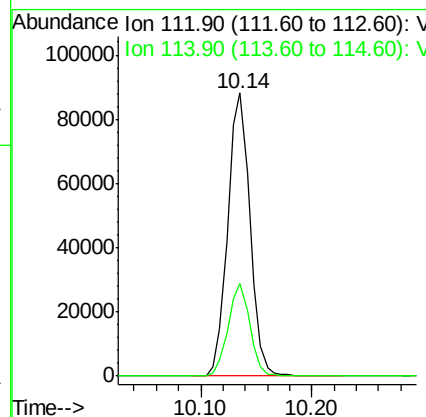
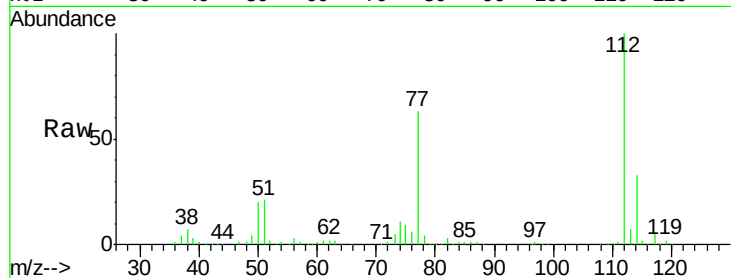
#65
Chlorobenzene
Concen: 19.981 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion:112 Resp: 121983
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0

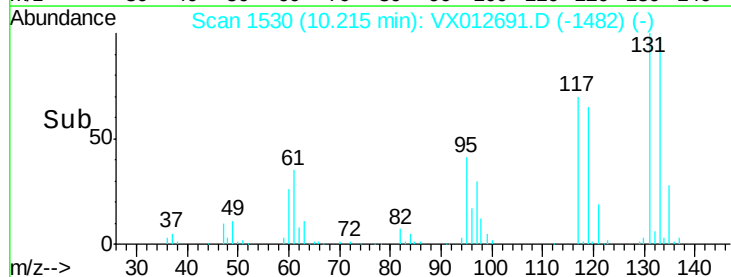
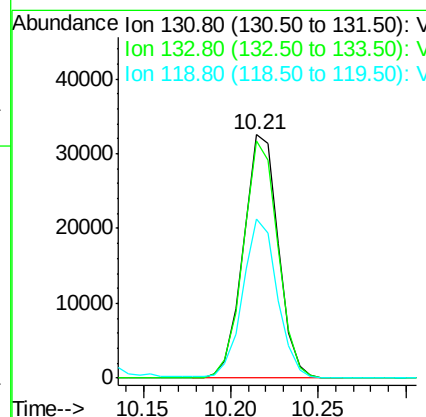
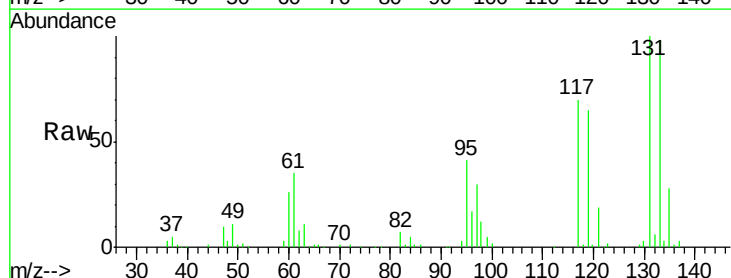
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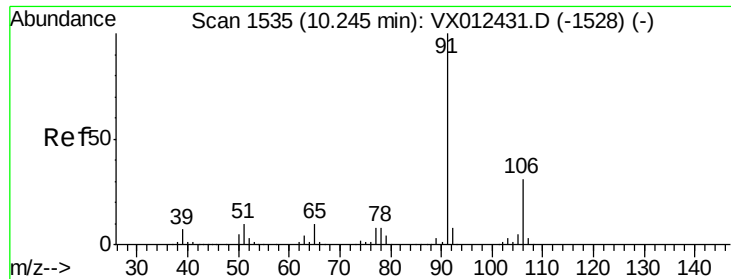
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.379 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion:131 Resp: 45078
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 64.7 31.3 93.8





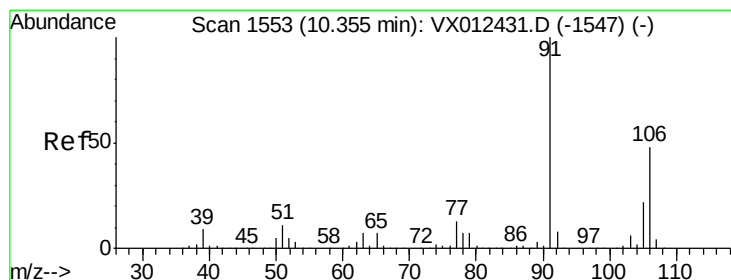
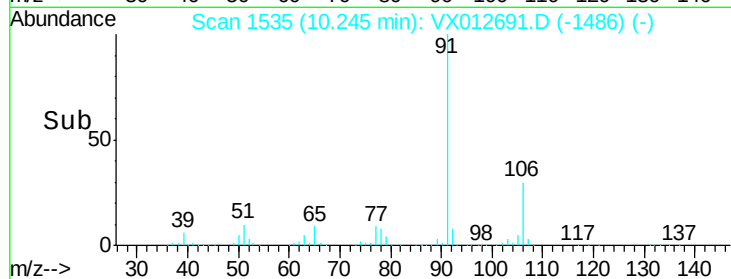
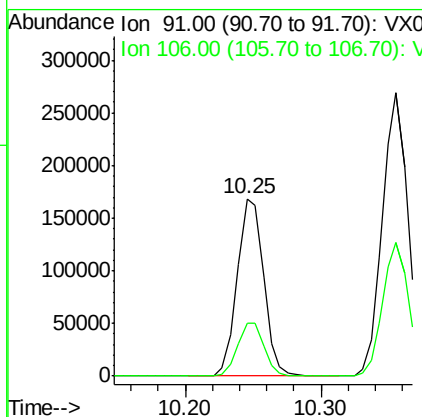
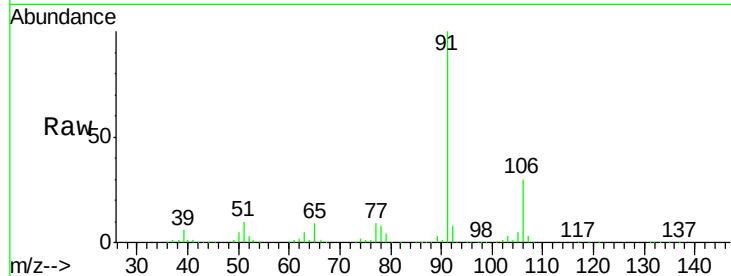
#67
Ethyl Benzene
Concen: 20.667 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion: 91 Resp: 228840
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0

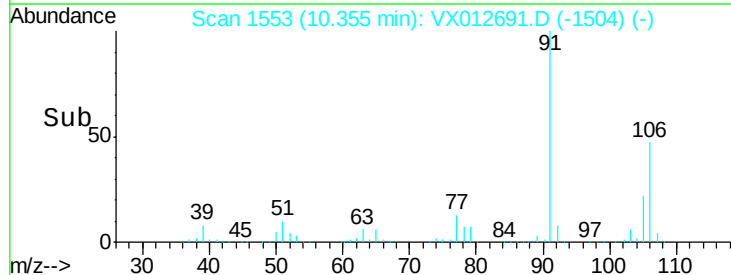
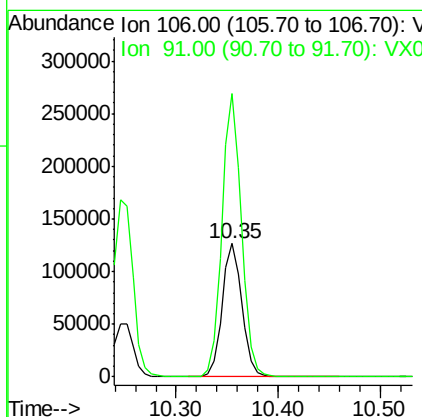
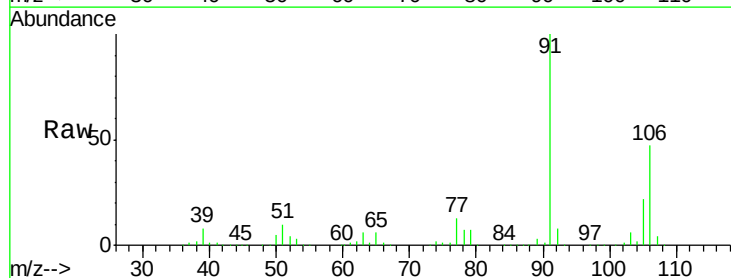
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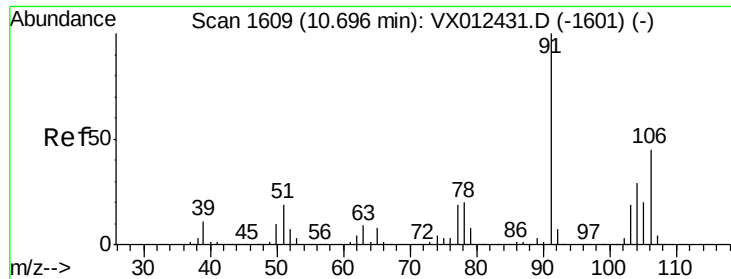
MMDadoda
9/30/2019 8:23:37 AM



#68
m/p-Xylenes
Concen: 41.171 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 106 Resp: 170777
Ion Ratio Lower Upper
106 100
91 208.9 166.6 250.0





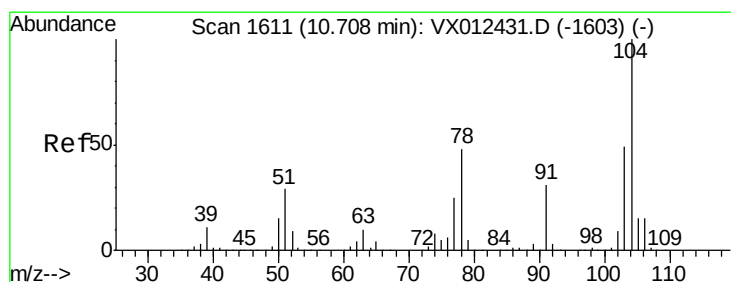
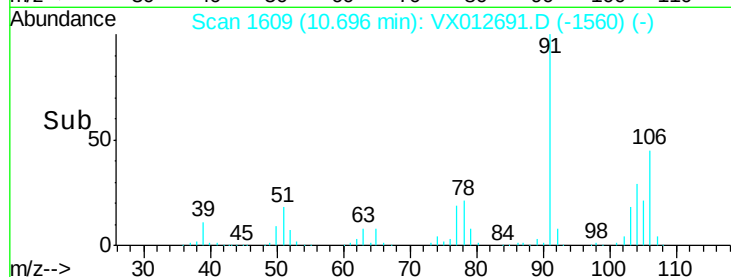
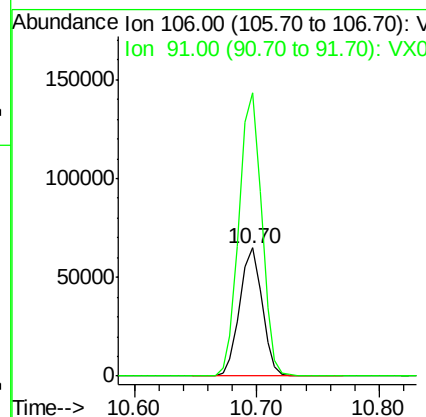
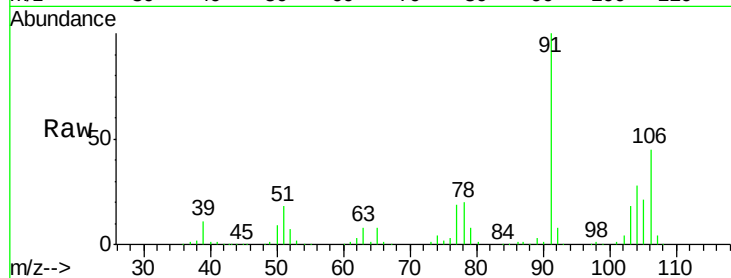
#69
o-Xylene
Concen: 20.575 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion:106 Resp: 82581
Ion Ratio Lower Upper
106 100
91 222.1 109.4 328.2

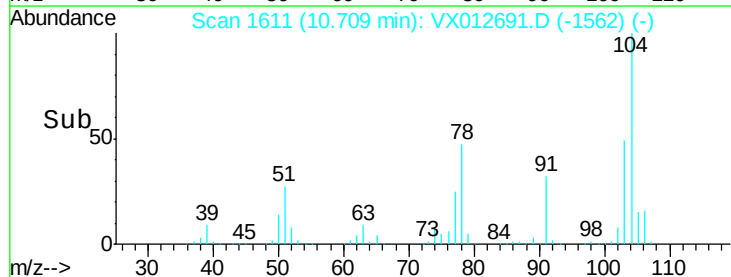
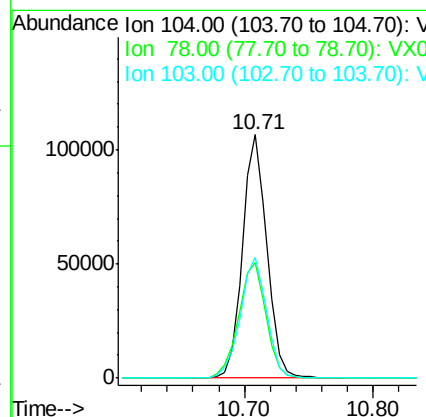
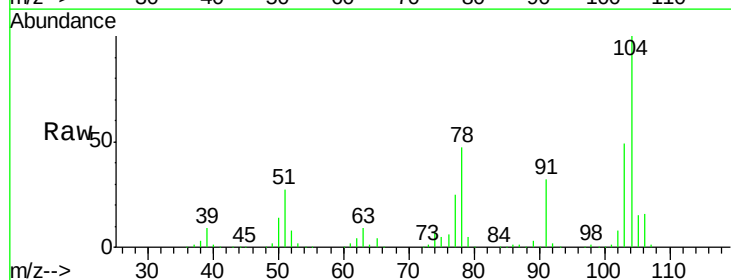
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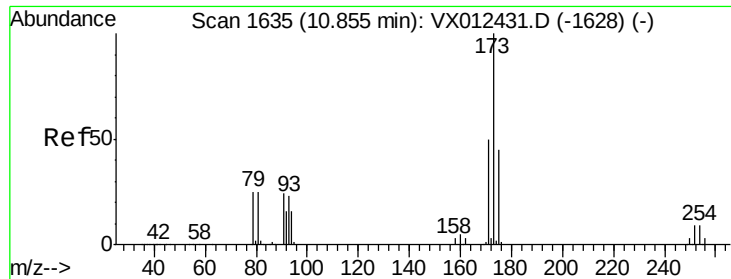
MMDadoda
9/30/2019 8:23:37 AM



#70
Styrene
Concen: 20.696 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion:104 Resp: 139257
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.2
103 53.9 43.3 64.9





#71

Bromoform

Concen: 19.855 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion:173 Resp: 30582

Ion Ratio Lower Upper

173 100

175 45.5 23.7 71.1

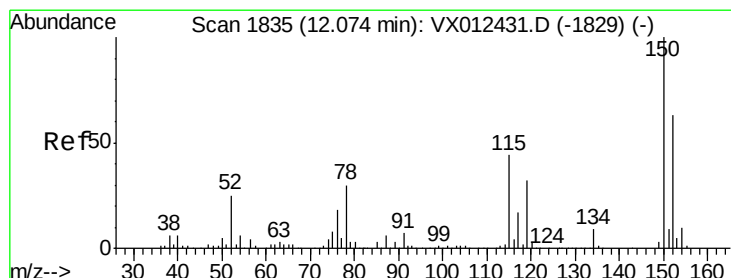
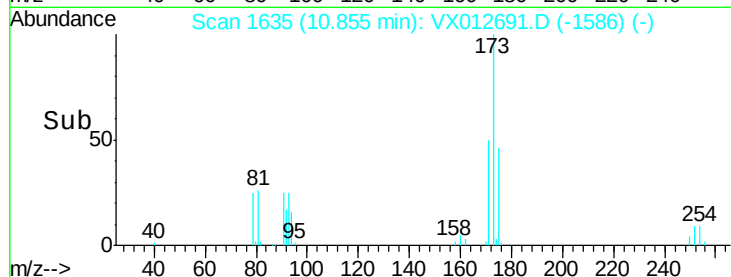
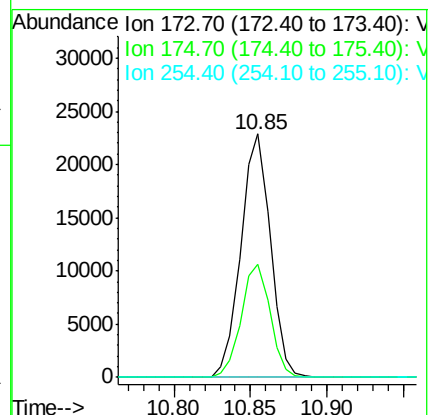
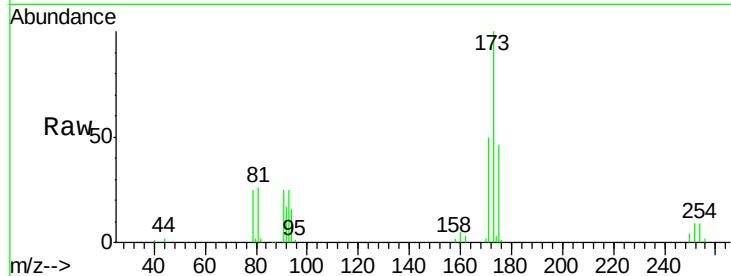
254 0.0 0.1 0.1#

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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: VX012691.D

Acq: 27 Sep 2019 12:05

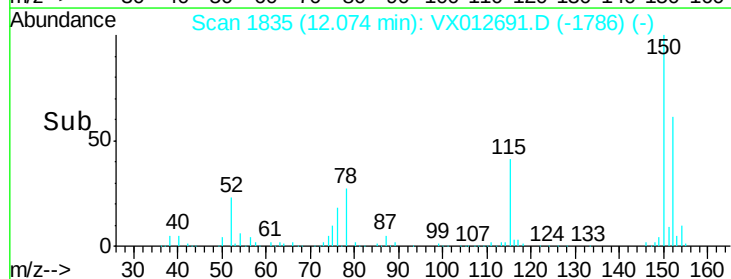
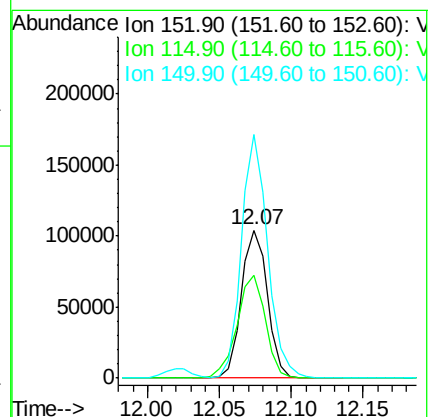
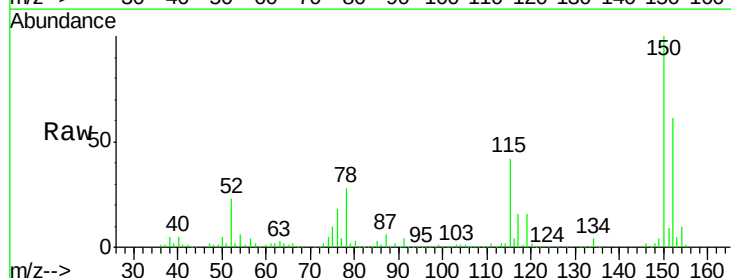
Tgt Ion:152 Resp: 130872

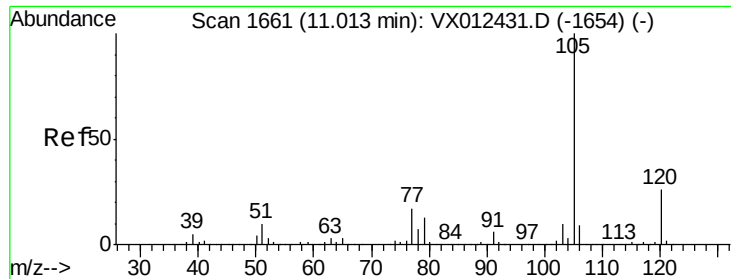
Ion Ratio Lower Upper

152 100

115 75.8 44.1 132.3

150 166.1 0.0 343.8





#73

Isopropylbenzene

Concen: 21.013 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 105 Resp: 223979

Ion Ratio Lower Upper

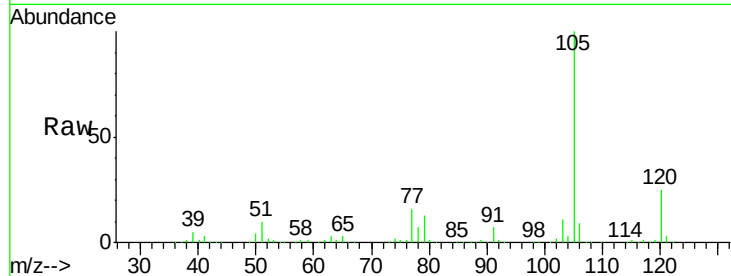
105 100

120 25.5 12.9 38.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

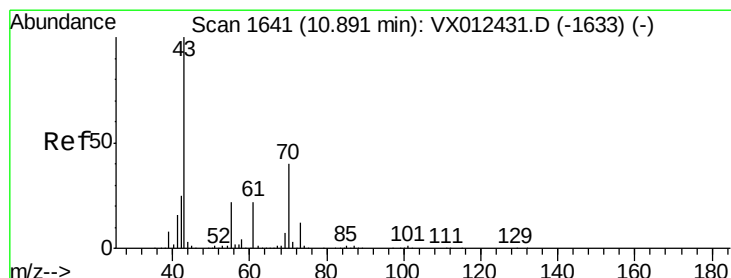
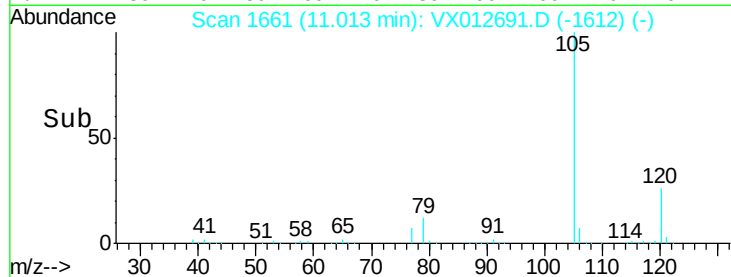
0

11.01

11.00

11.00

Time-->



#74

N-ethyl acetate

Concen: 19.771 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion: 43 Resp: 100538

Ion Ratio Lower Upper

43 100

70 42.5 32.4 48.6

55 24.5 18.2 27.4

61 24.7 18.5 27.7

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

100000

50000

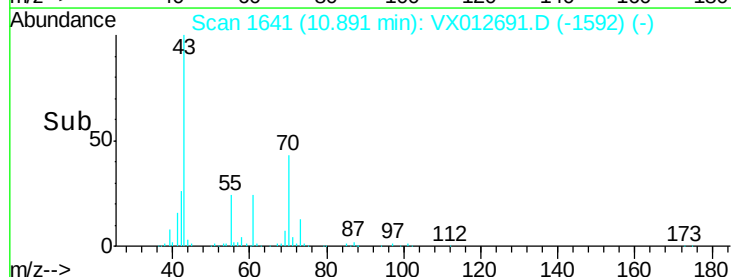
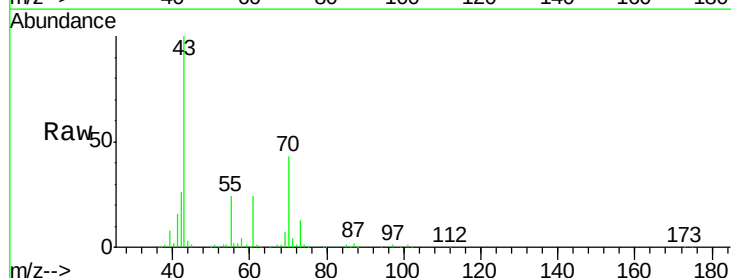
0

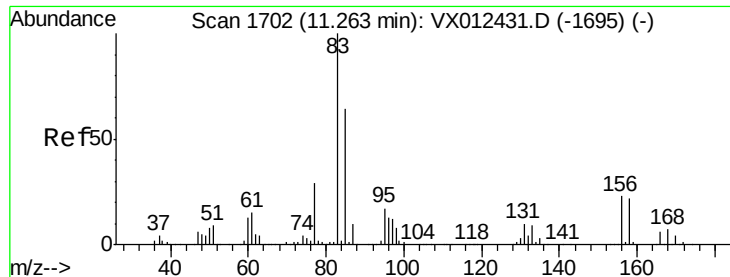
10.89

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.903 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

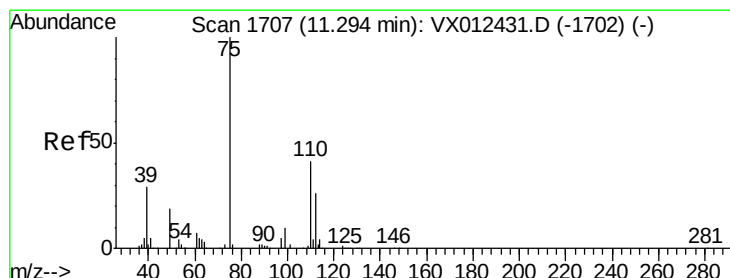
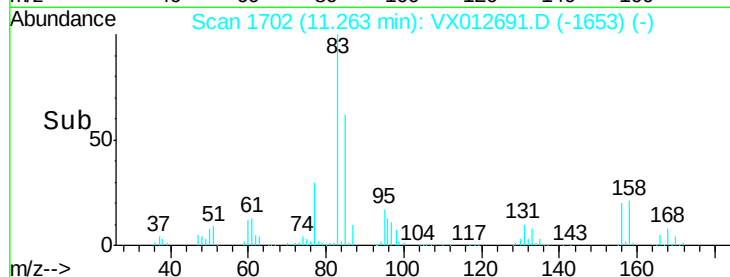
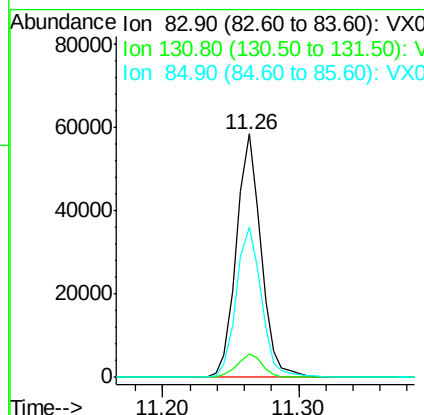
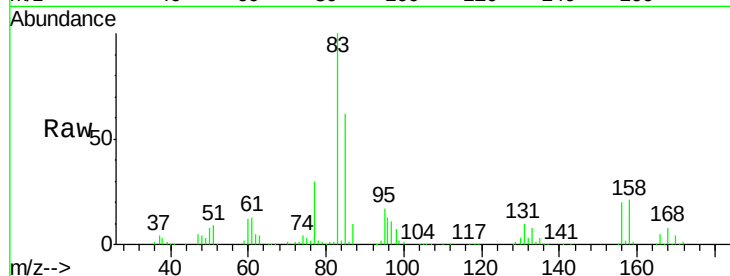
ClientSampleId :

VX0927WBS01

Tot Ion:	83	Resp:	73791
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.2	15.6
85	63.3	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.970 ug/l m

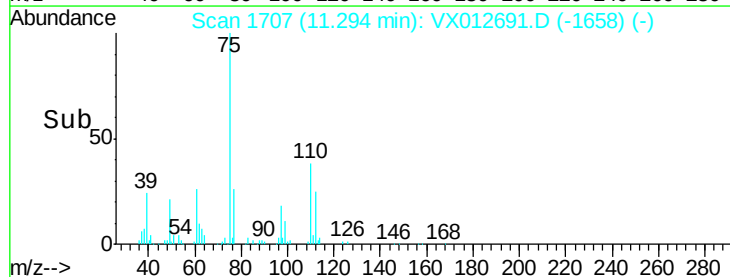
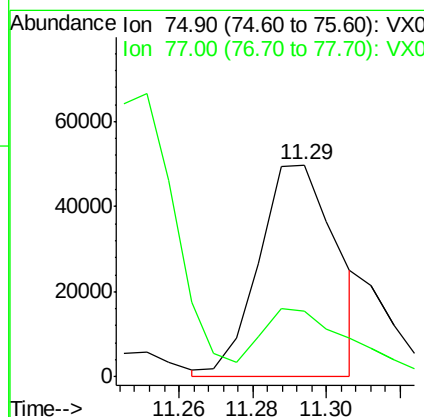
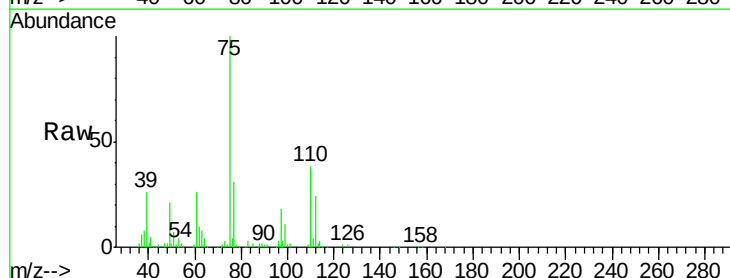
RT: 11.29 min Scan# 1707

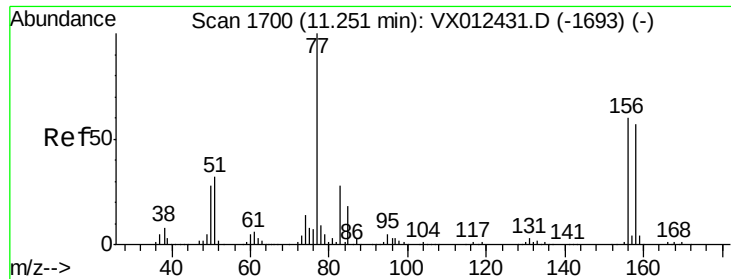
Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion:	75	Resp:	72595
Ion Ratio	Lower	Upper	
75	100		
77	37.1	19.7	59.0





#77

Bromobenzene

Concen: 20.604 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

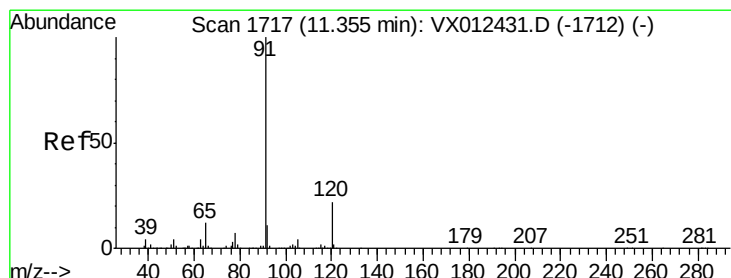
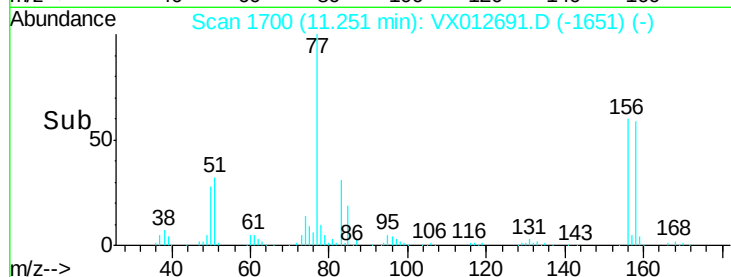
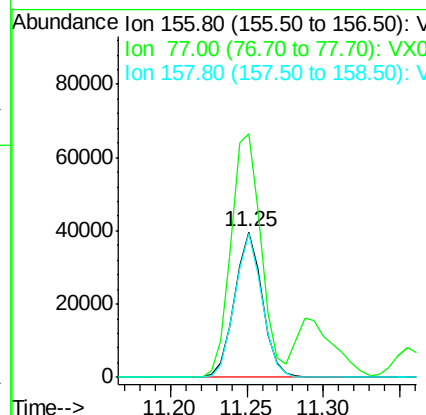
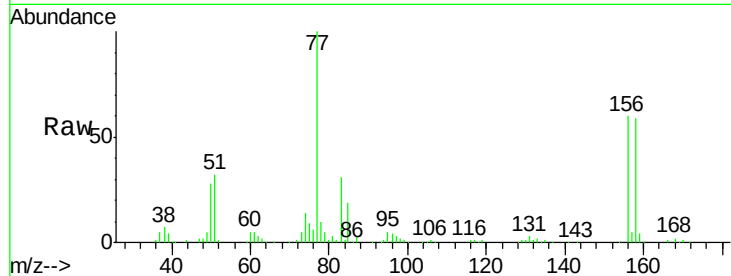
ClientSampleId :

VX0927WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.6	87.3	261.8
158	97.8	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.584 ug/l

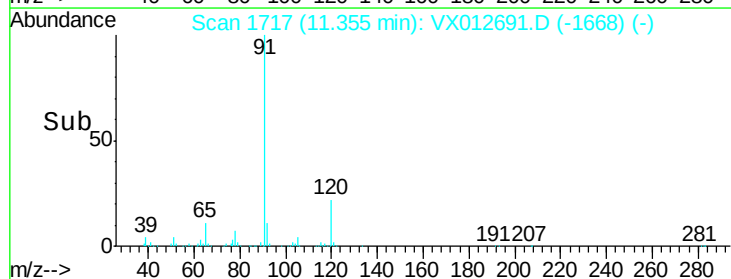
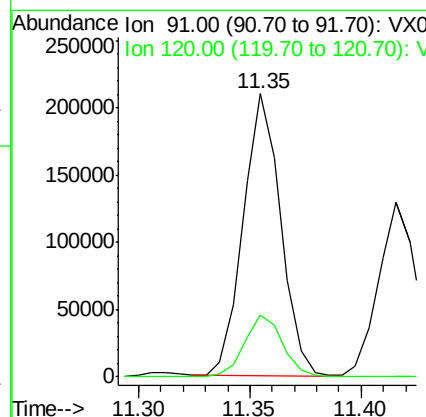
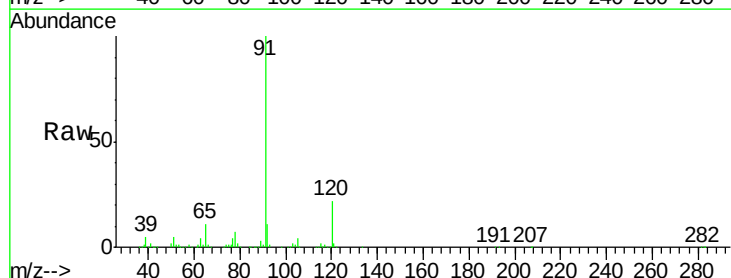
RT: 11.35 min Scan# 1717

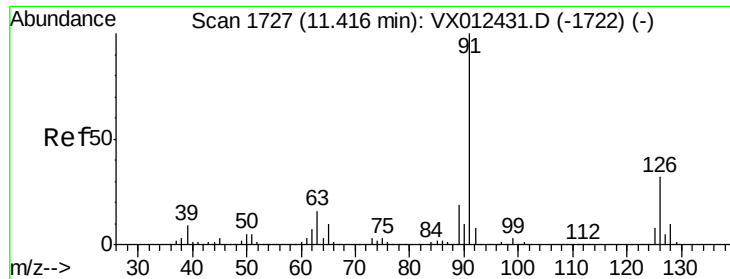
Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





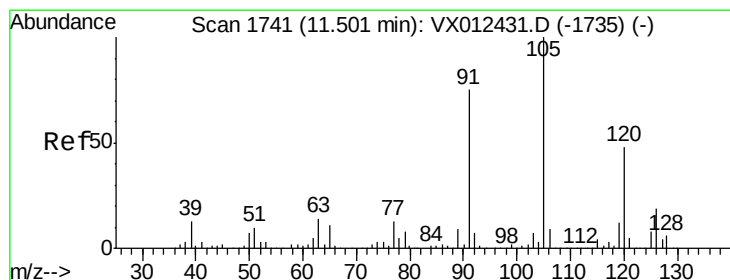
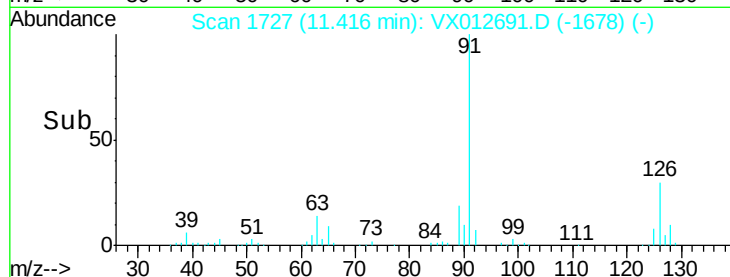
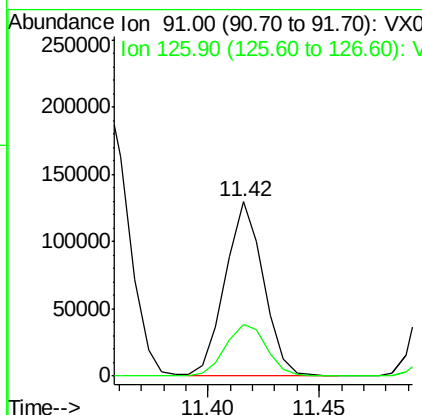
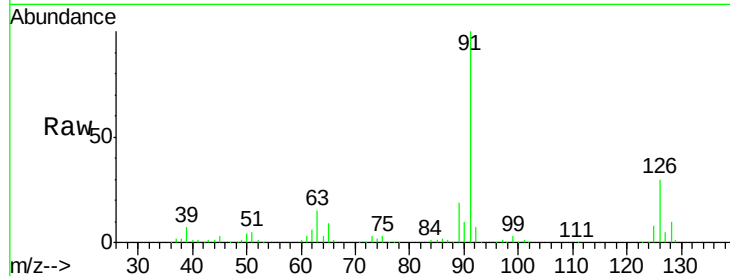
#79
 2-Chlorotoluene
 Concen: 20.560 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 91 Resp: 153909
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.4

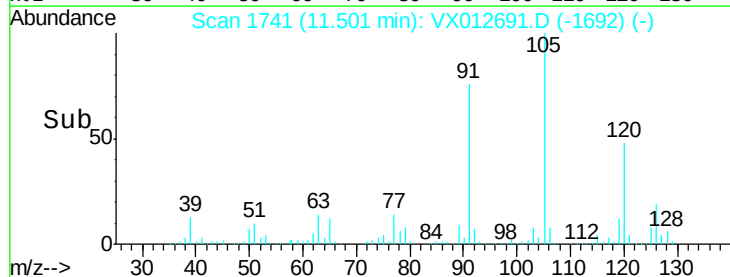
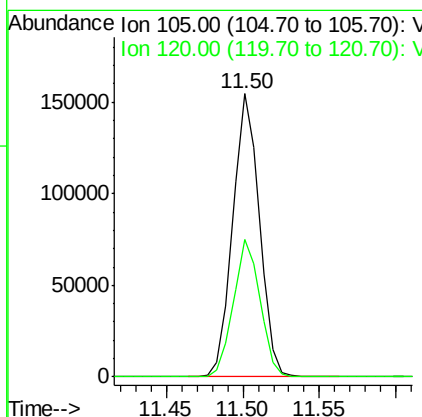
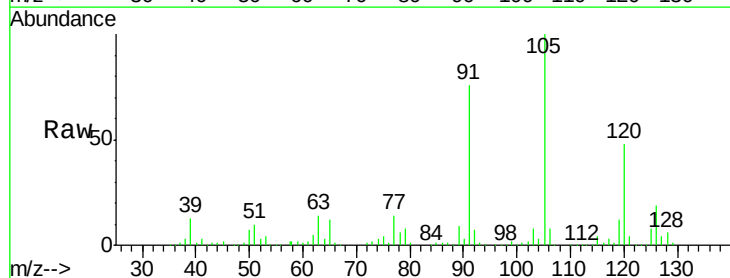
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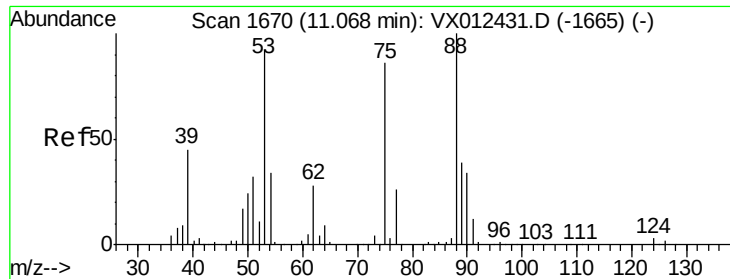
MMDadoda
 9/30/2019 8:23:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.878 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 105 Resp: 186615
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





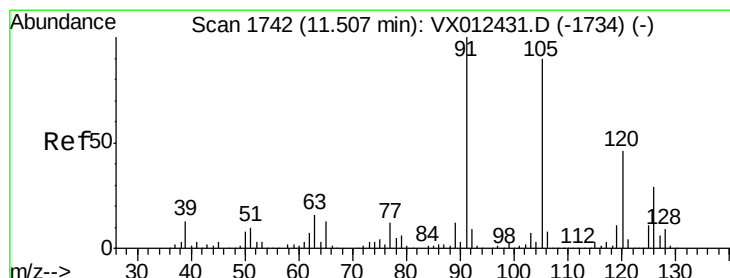
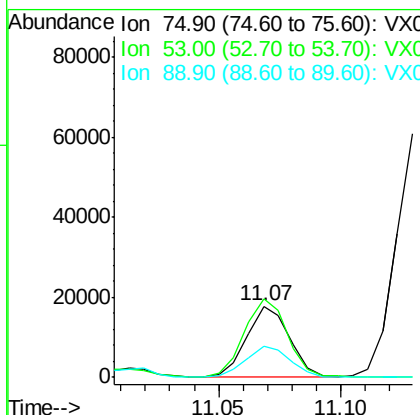
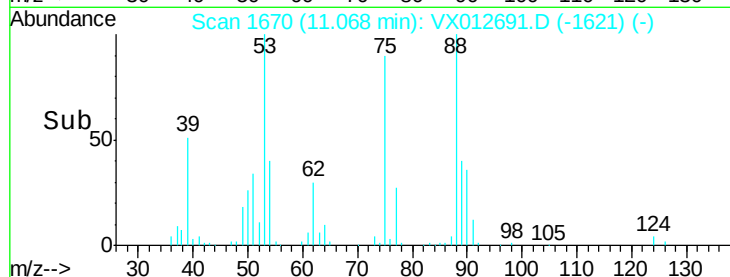
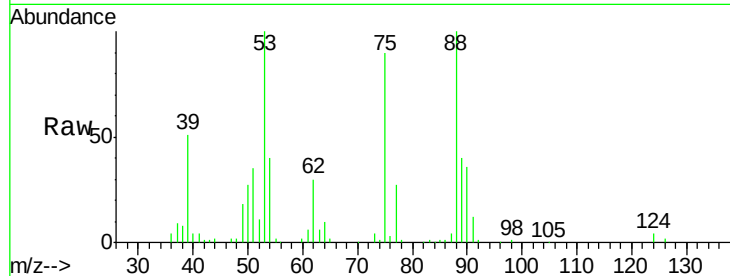
#81
trans-1,4-Dichloro-2-butene
Concen: 18.231 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.9	83.6	125.4
89	45.1	36.3	54.5

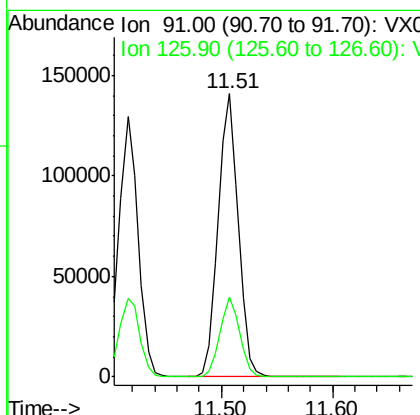
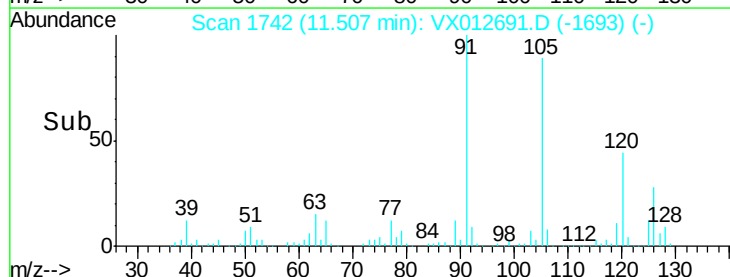
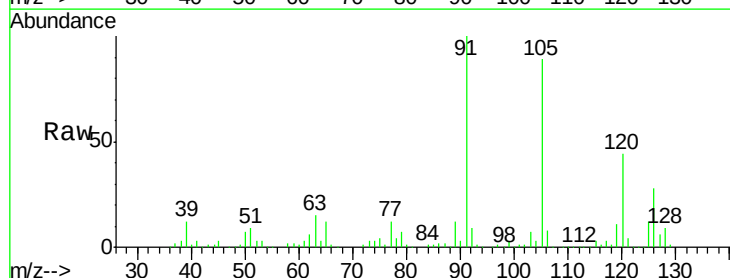
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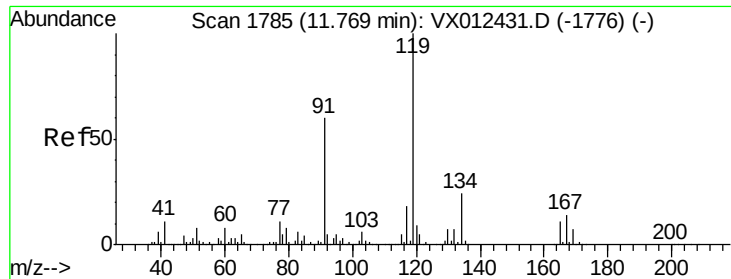
MMDadoda
9/30/2019 8:23:37 AM



#82
4-Chlorotoluene
Concen: 20.668 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.4	43.0





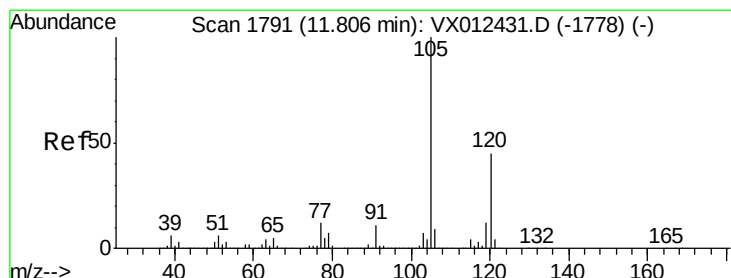
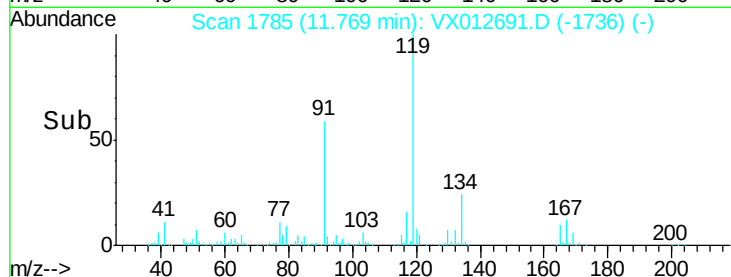
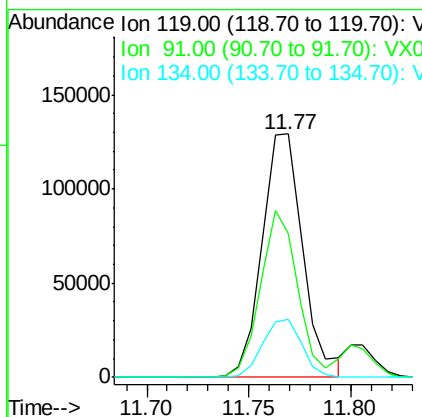
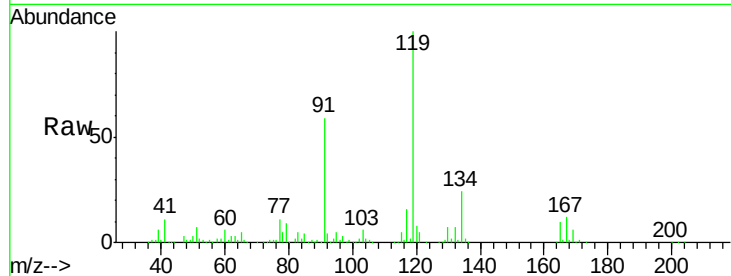
#83
 tert-Butylbenzene
 Concen: 20.940 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180550		
91	62.1	30.0	90.0	
134	23.0	11.3	33.9	

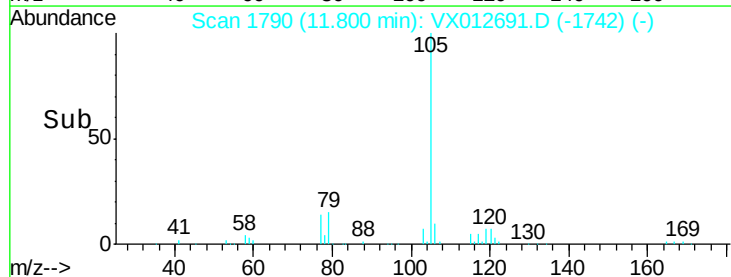
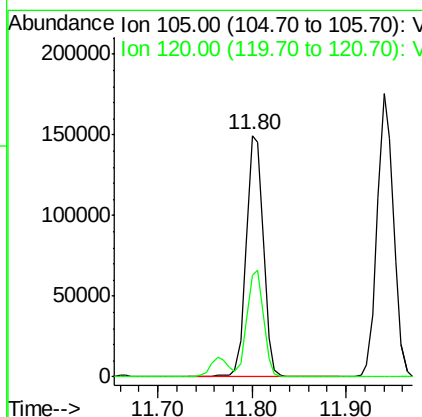
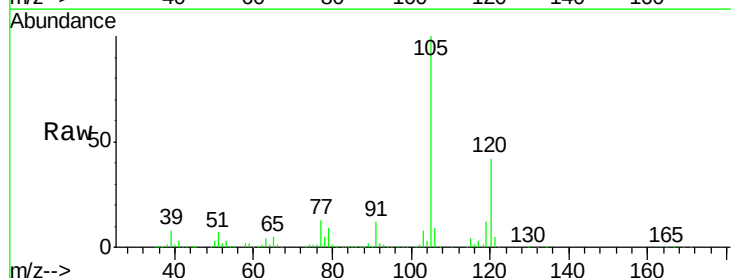
Manual Integrations
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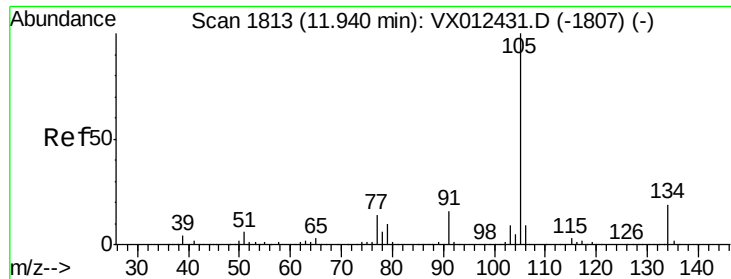
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 9/30/2019 8:23:37 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.008 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189425		
120	42.9	22.2	66.6	





#85

sec-Butylbenzene

Concen: 21.091 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion:105 Resp: 211518

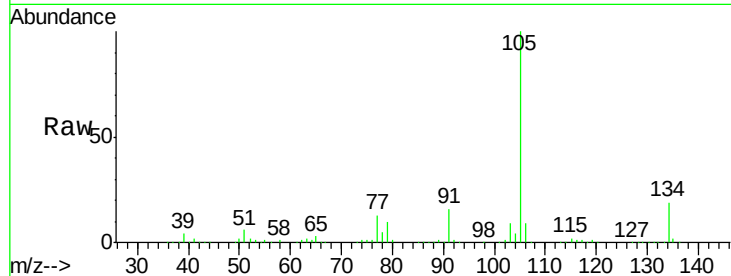
Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

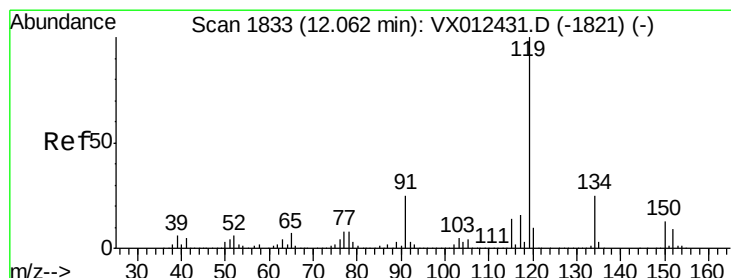
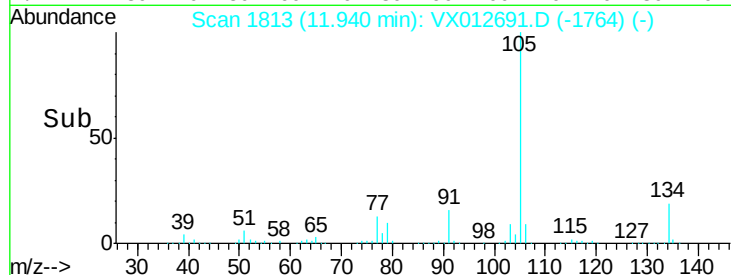
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.006 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

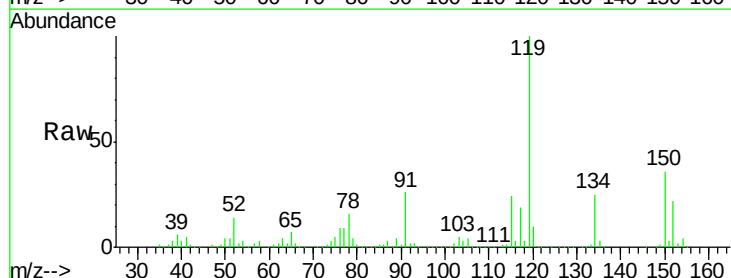
Tgt Ion:119 Resp: 190091

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 26.0 12.8 38.4



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): V

12.06

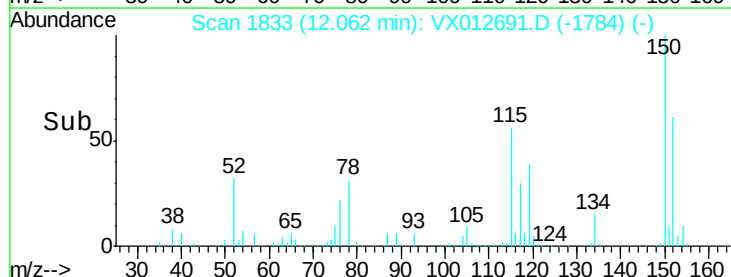
150000

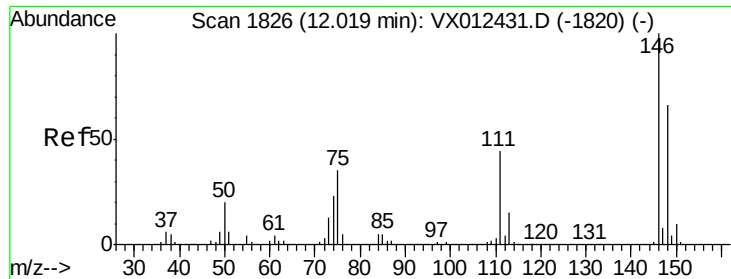
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50000

0

Time-->





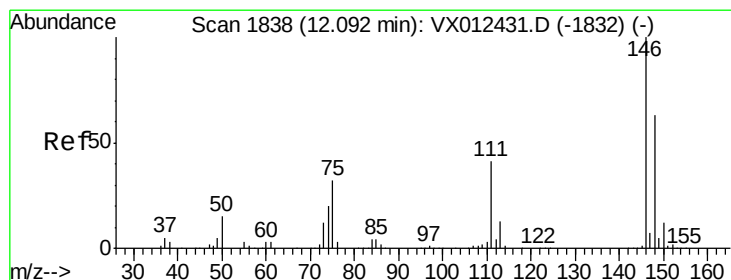
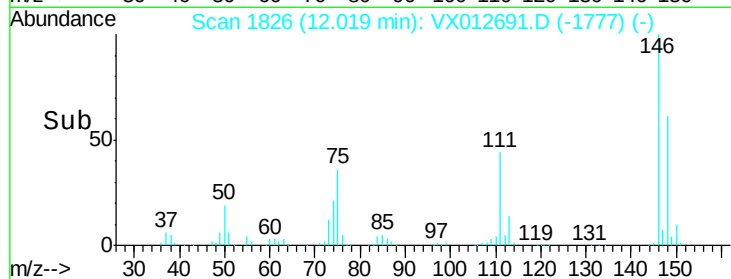
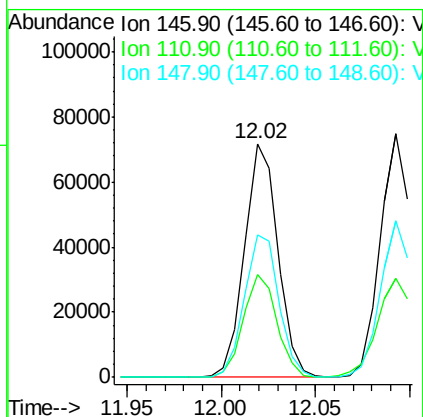
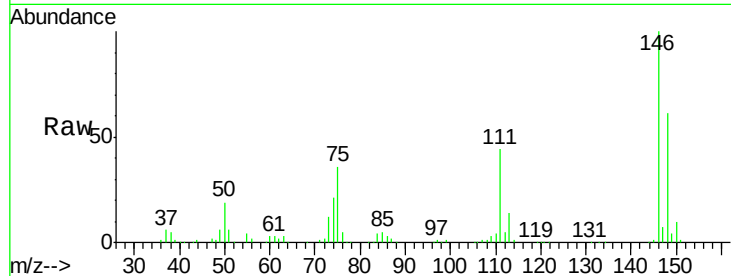
#87
 1,3-Dichlorobenzene
 Concen: 20.379 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.3	64.0
148	63.2	32.4	97.2

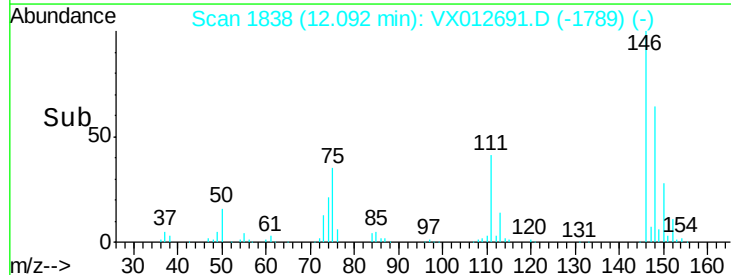
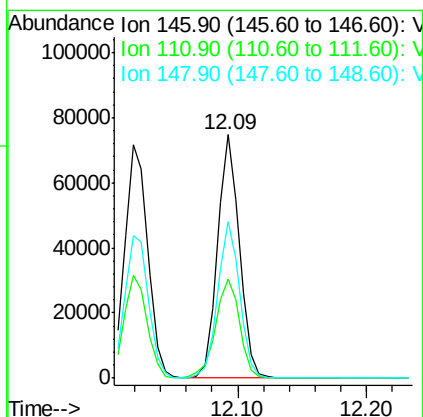
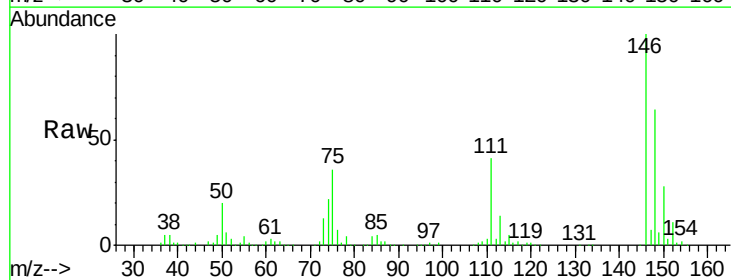
Manual Integrations
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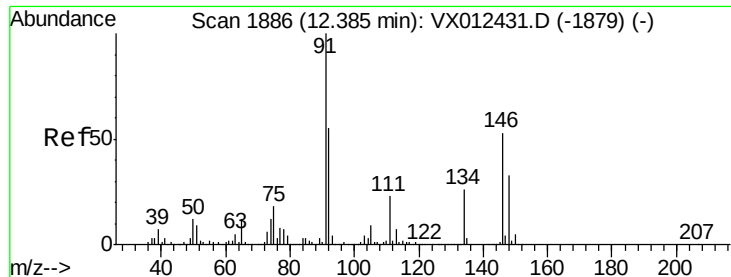
MMDadoda
 9/30/2019 8:23:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.469 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.1	63.3
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 19.876 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 91 Resp: 158496

Ion Ratio Lower Upper

91 100

92 55.4 27.7 83.0

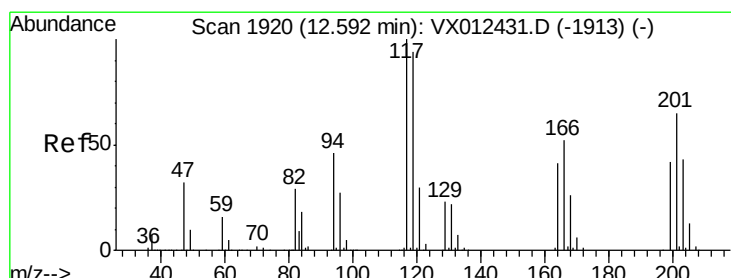
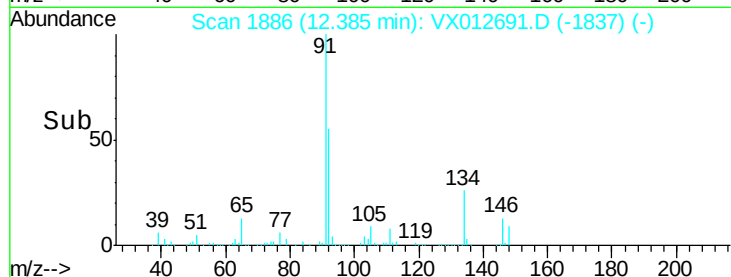
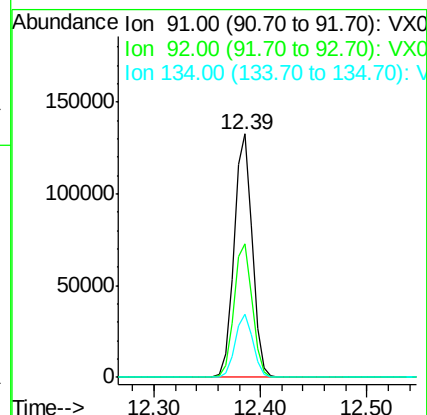
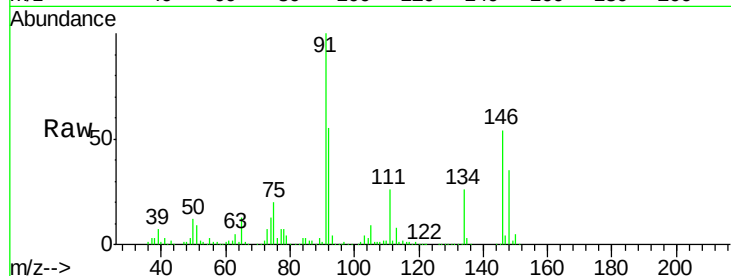
134 25.5 12.9 38.6

Manual Integrations

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#90

Hexachloroethane

Concen: 19.663 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012691.D

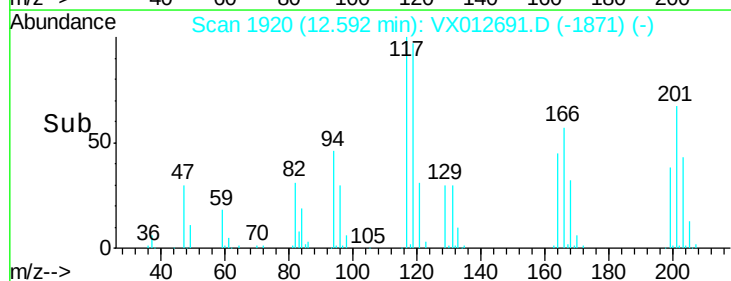
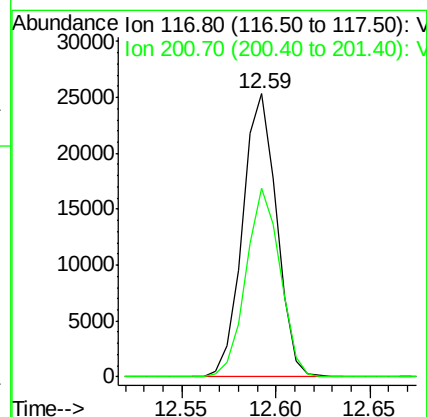
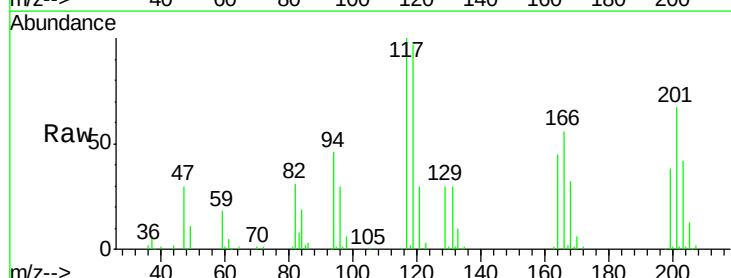
Acq: 27 Sep 2019 12:05

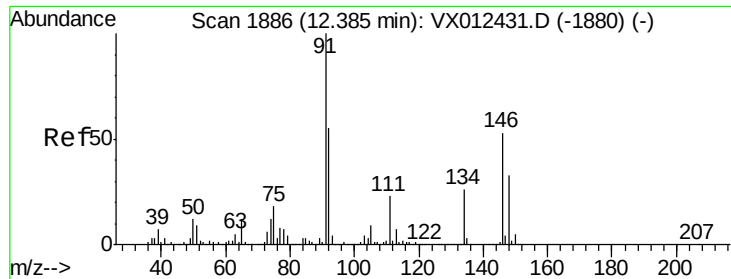
Tgt Ion: 117 Resp: 31723

Ion Ratio Lower Upper

117 100

201 66.9 33.3 99.8





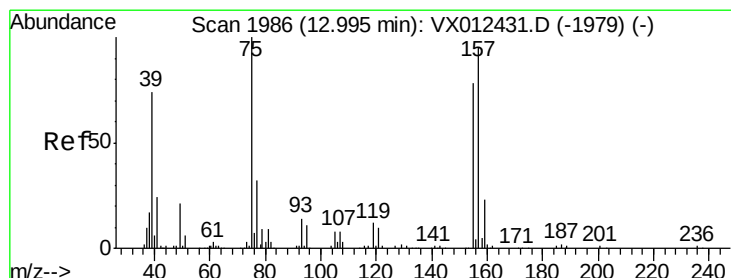
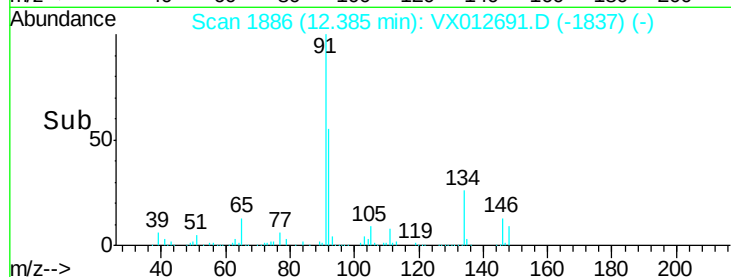
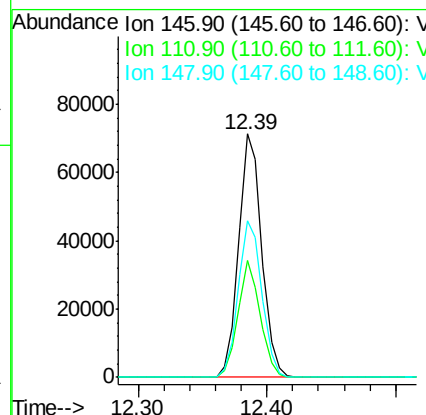
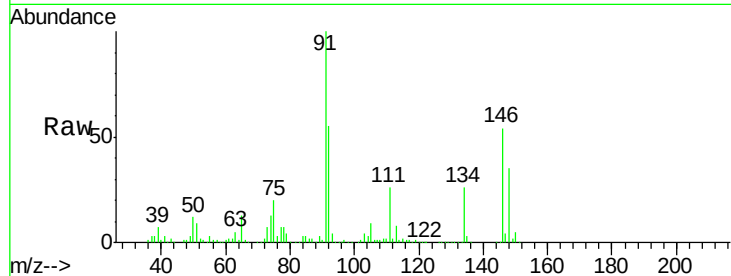
#91
 1,2-Dichlorobenzene
 Concen: 20.571 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.1	66.1
148	65.6	31.3	93.9

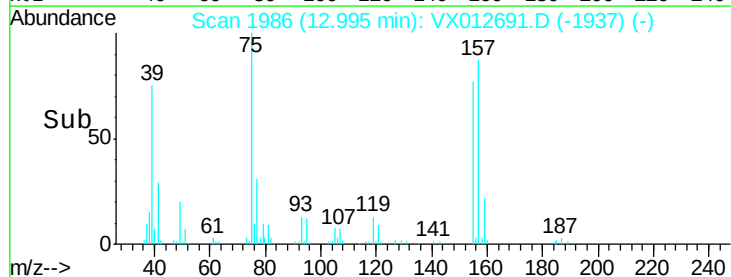
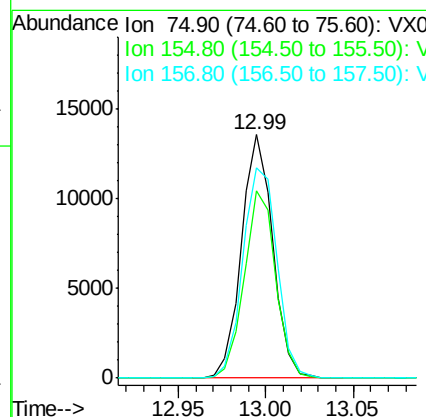
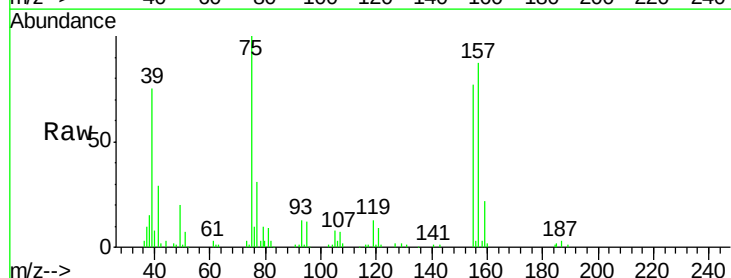
Manual Integrations
 APPROVED

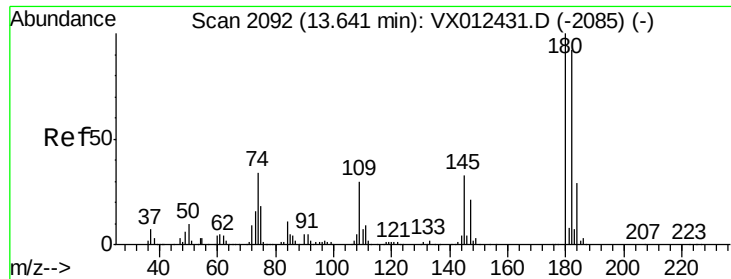
MMDadoda
 9/30/2019 8:23:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.145 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	38.6	115.8
157	94.3	50.6	151.9





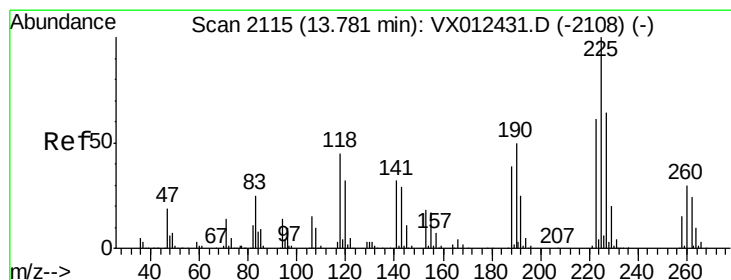
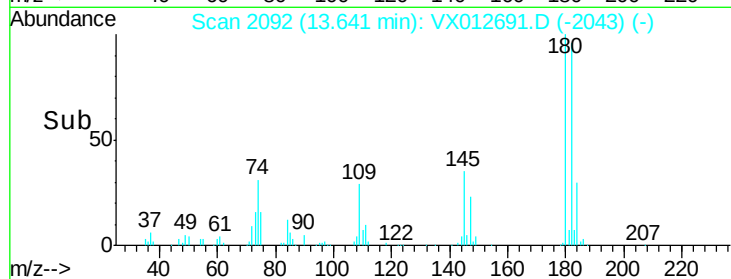
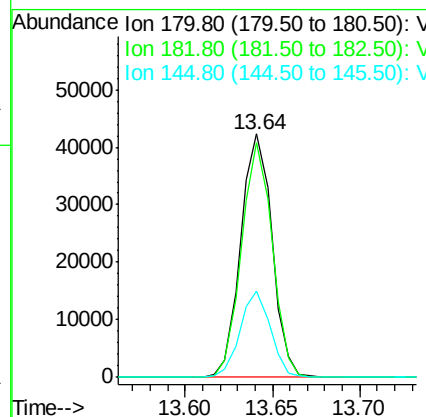
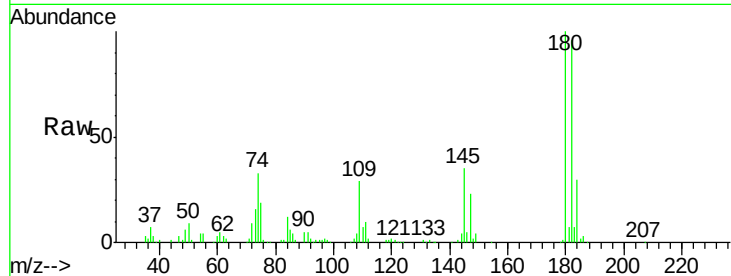
#93
 1,2,4-Trichlorobenzene
 Concen: 19.943 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52862		
182	95.0		47.0	141.0
145	34.3		16.8	50.4

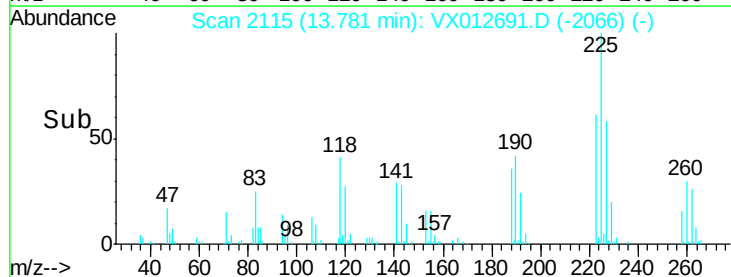
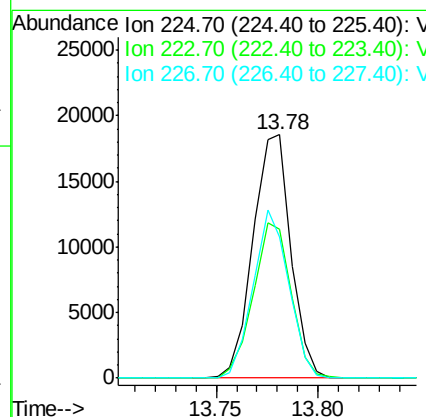
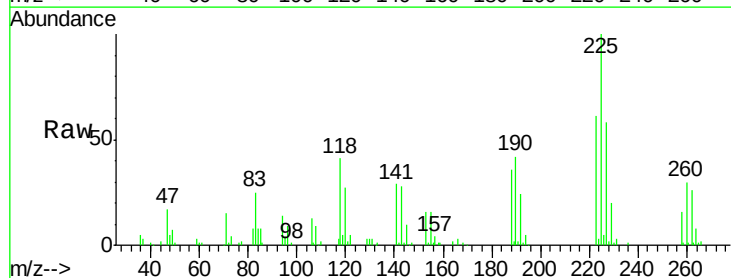
Manual Integrations
 APPROVED

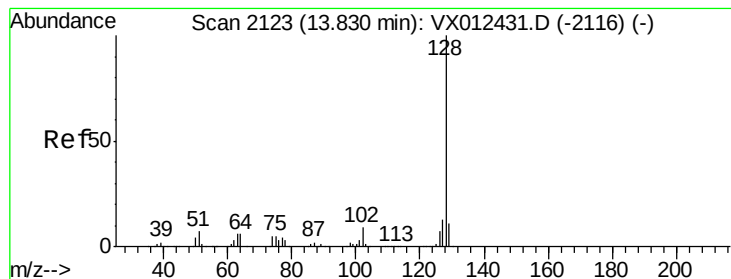
MMDadoda
 9/30/2019 8:23:37 AM



#94
 Hexachlorobutadiene
 Concen: 21.013 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23962		
223	63.7		32.0	96.2
227	65.0		31.9	95.5





#95

Naphthalene

Concen: 20.403 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

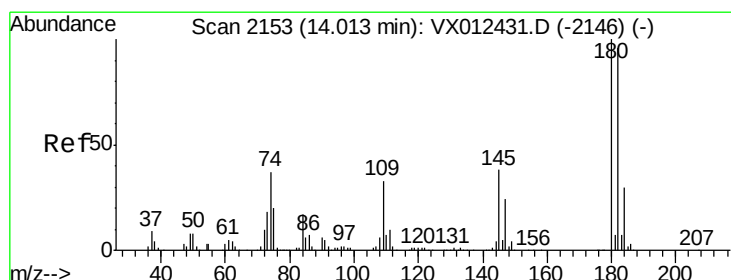
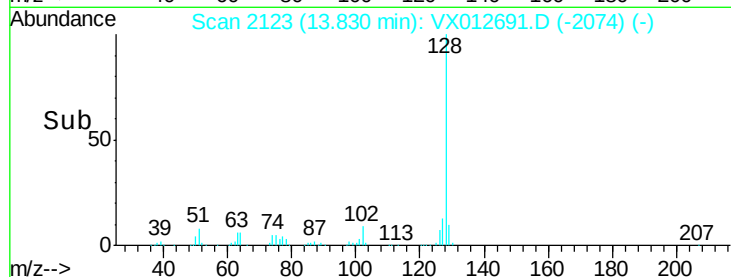
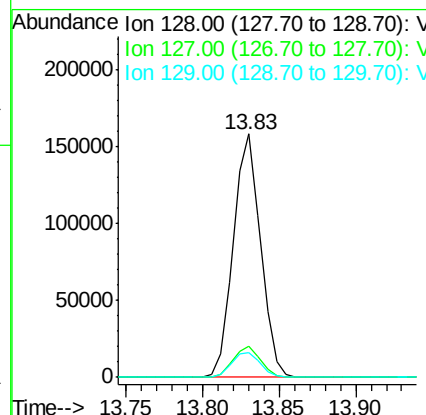
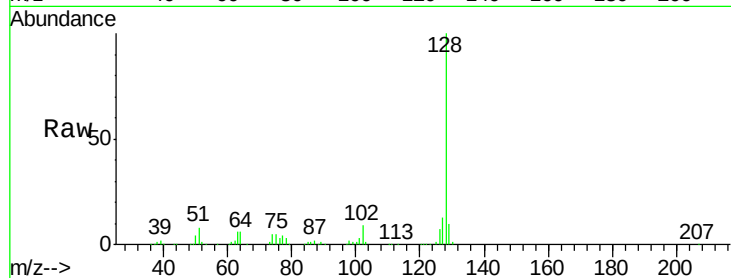
ClientSampleId :

VX0927WBS01

Tot Ion:	128	Resp:	195673
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/30/2019 8:23:37 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.927 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion:	180	Resp:	55567
Ion Ratio	Lower	Upper	
180	100		
182	92.3	47.1	141.3
145	36.1	18.0	54.0

