

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015906.D
 Acq On : 23 Apr 2020 21:55
 Operator : JC/SP
 Sample : VX0423WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:15 AM

Quant Time: Apr 24 07:55:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	834235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1259680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1180956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	618933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	495332	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	5.47	113	380081	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	8.70	98	1494947	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.12	95	594056	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	161489	22.615	ug/l	100
3) Chloromethane	1.31	50	151070	20.657	ug/l	98
4) Vinyl Chloride	1.39	62	161988	19.136	ug/l	98
5) Bromomethane	1.63	94	72487	25.531	ug/l	99
6) Chloroethane	1.72	64	93830	19.451	ug/l	96
7) Trichlorofluoromethane	1.92	101	219748	20.923	ug/l	99
8) Diethyl Ether	2.17	74	79646	18.700	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138064	19.378	ug/l	99
10) Methyl Iodide	2.49	142	155041	17.614	ug/l	98
11) Tert butyl alcohol	3.01	59	203775	105.114	ug/l	98
12) 1,1-Dichloroethene	2.36	96	145386	19.897	ug/l	97
13) Acrolein	2.27	56	88154	76.851	ug/l	98
14) Allyl chloride	2.71	41	303742	19.562	ug/l	98
15) Acrylonitrile	3.12	53	475019	105.564	ug/l	99
16) Acetone	2.42	43	394204	95.416	ug/l	99
17) Carbon Disulfide	2.55	76	391121	14.740	ug/l	99
18) Methyl Acetate	2.75	43	275061	20.167	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	545090	21.131	ug/l	99
20) Methylene Chloride	2.84	84	168778	20.124	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	160472	19.794	ug/l	99
22) Diisopropyl ether	3.83	45	586592	20.961	ug/l	97
23) Vinyl Acetate	3.79	43	2390652	103.214	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297700	20.409	ug/l	99
25) 2-Butanone	4.64	43	675200	103.399	ug/l	97
26) 2,2-Dichloropropane	4.56	77	226072	17.350	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	189015	20.536	ug/l	97
28) Bromochloromethane	4.98	49	153349	20.036	ug/l	98
29) Tetrahydrofuran	5.09	42	438819	101.597	ug/l	99
30) Chloroform	5.19	83	304128	20.723	ug/l	96
31) Cyclohexane	5.56	56	281598	20.314	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	273156	20.875	ug/l	98
36) 1,1-Dichloropropene	5.78	75	230233	20.617	ug/l	99
37) Ethyl Acetate	4.79	43	273666	20.591	ug/l	99
38) Carbon Tetrachloride	5.76	117	235214	21.383	ug/l	95

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	267698	18.930	ug/l	99
40) Benzene	6.12	78	684716	20.358	ug/l	100
41) Methacrylonitrile	5.01	41	151680	20.538	ug/l	99
42) 1,2-Dichloroethane	6.17	62	255437	21.090	ug/l	99
43) Isopropyl Acetate	6.42	43	453517	20.229	ug/l	99
44) Trichloroethene	7.19	130	232477	19.668	ug/l	98
45) 1,2-Dichloropropane	7.50	63	182454	20.700	ug/l	98
46) Dibromomethane	7.64	93	122510	19.040	ug/l	98
47) Bromodichloromethane	7.88	83	241261	21.077	ug/l	97
48) Methyl methacrylate	7.75	41	224257	20.336	ug/l	98
49) 1,4-Dioxane	7.72	88	86037	412.818	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1347680	104.145	ug/l	99
52) Toluene	8.77	92	437558	20.296	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	275641	19.408	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	298002	19.852	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	178311	21.181	ug/l	95
56) Ethyl methacrylate	9.16	69	284876	19.978	ug/l	98
57) 1,3-Dichloropropane	9.36	76	304115	20.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	704666	98.924	ug/l	98
59) 2-Hexanone	9.47	43	1021316	103.601	ug/l	100
60) Dibromochloromethane	9.57	129	194448	22.367	ug/l	95
61) 1,2-Dibromoethane	9.65	107	188595	20.270	ug/l	100
64) Tetrachloroethene	9.32	164	286846	18.020	ug/l	94
65) Chlorobenzene	10.12	112	477614	20.225	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	181576	20.570	ug/l	99
67) Ethyl Benzene	10.24	91	838301	20.214	ug/l	100
68) m/p-Xylenes	10.34	106	633750	40.714	ug/l	97
69) o-Xylene	10.68	106	309719	20.220	ug/l	98
70) Styrene	10.70	104	530443	19.999	ug/l	98
71) Bromoform	10.84	173	142228	24.726	ug/l #	100
73) Isopropylbenzene	11.00	105	835225	21.248	ug/l	99
74) N-amyl acetate	10.88	43	407739	20.093	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	184639	22.195	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	239873m	20.381	ug/l	
77) Bromobenzene	11.24	156	223511	20.810	ug/l	98
78) n-propylbenzene	11.34	91	939006	20.853	ug/l	100
79) 2-Chlorotoluene	11.40	91	566423	20.941	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	700438	20.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88505	18.089	ug/l	96
82) 4-Chlorotoluene	11.49	91	669088	20.817	ug/l	99
83) tert-Butylbenzene	11.76	119	630952	21.222	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	709063	20.377	ug/l	100
85) sec-Butylbenzene	11.93	105	790517	20.170	ug/l	100
86) p-Isopropyltoluene	12.05	119	733623	20.018	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	391633	19.864	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	399151	20.225	ug/l	98
89) n-Butylbenzene	12.37	91	649925	19.835	ug/l	98
90) Hexachloroethane	12.58	117	113853	29.408	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	376591	20.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55444	22.474	ug/l	96

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ClientSampleId :
VX0423WBS02

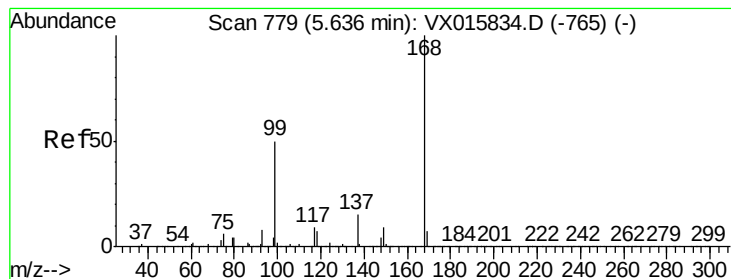
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	291101	19.758	ug/l	100
94) Hexachlorobutadiene	13.77	225	127810	19.348	ug/l	97
95) Naphthalene	13.82	128	846970	19.981	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	285978	19.895	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion:168 Resp: 834235

Ion Ratio Lower Upper

168 100

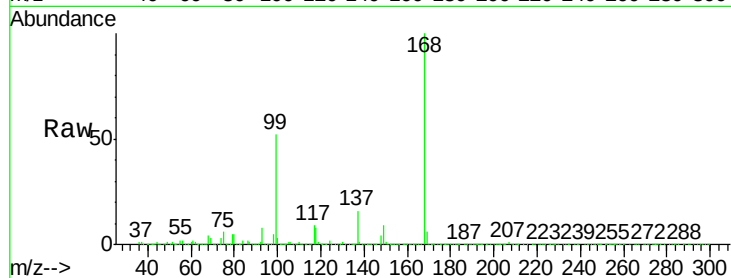
99 51.6 40.3 60.5

Manual Integrations

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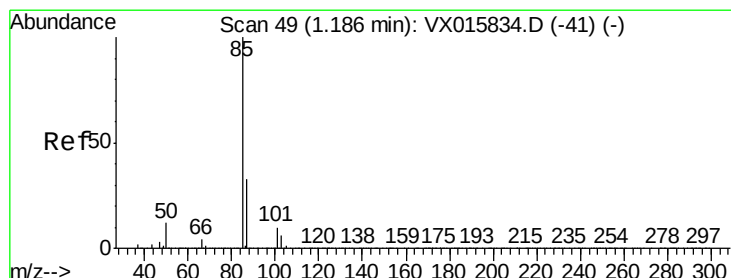
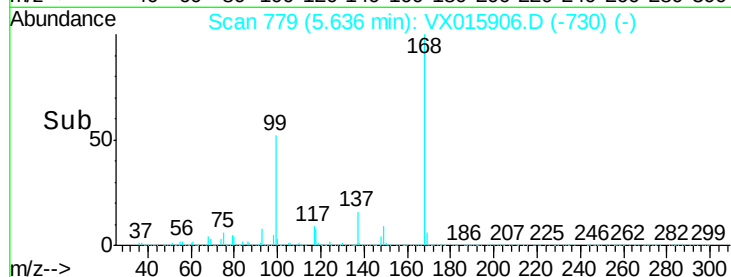
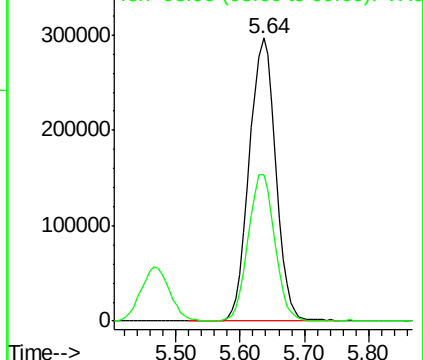
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.615 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015906.D

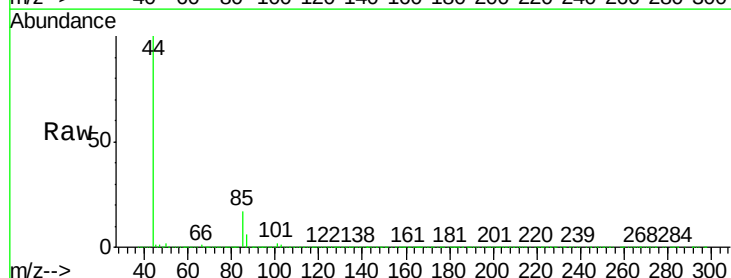
Acq: 23 Apr 2020 21:55

Tgt Ion: 85 Resp: 161489

Ion Ratio Lower Upper

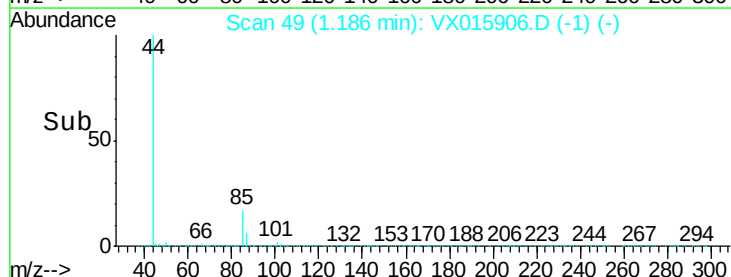
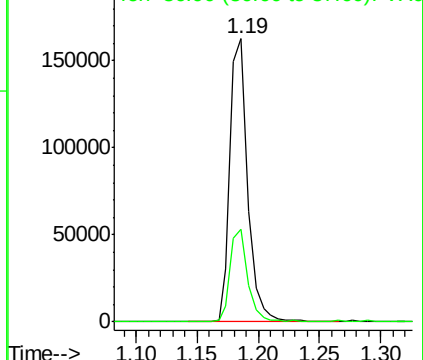
85 100

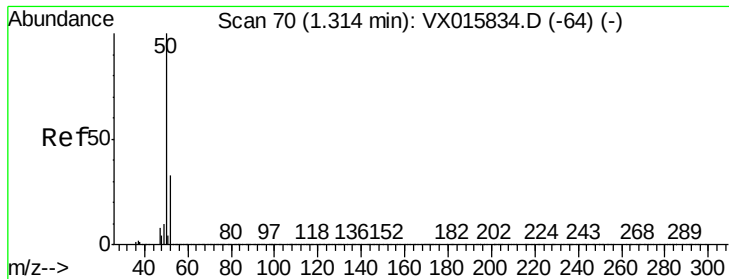
87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.657 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion: 50 Resp: 151070

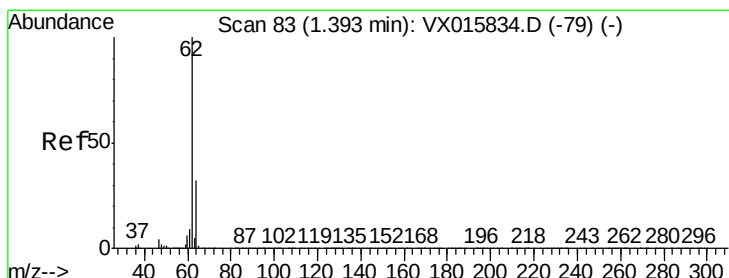
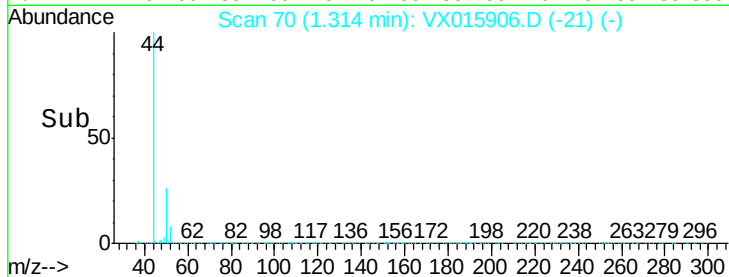
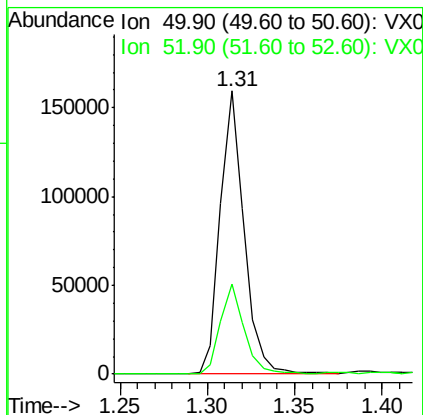
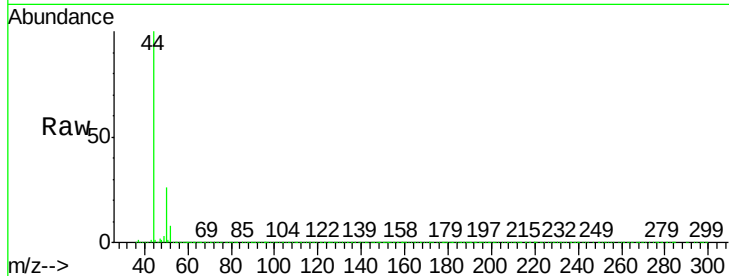
Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 19.136 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015906.D

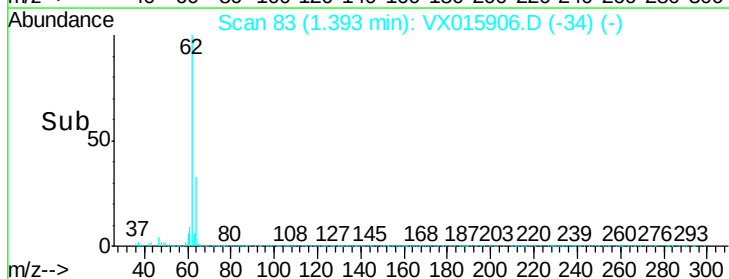
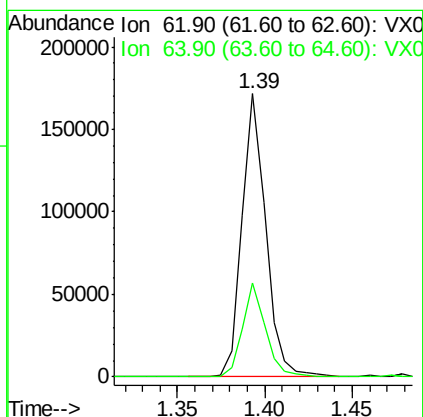
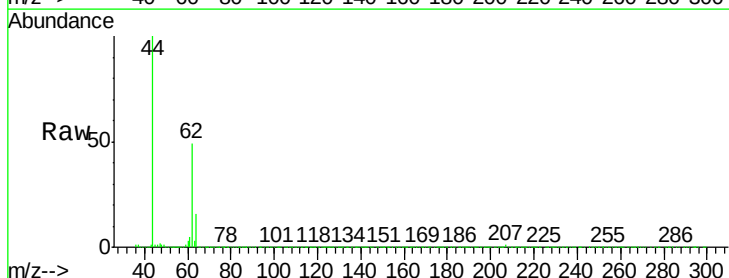
Acq: 23 Apr 2020 21:55

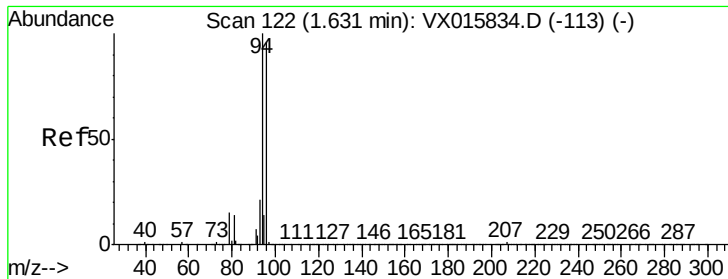
Tgt Ion: 62 Resp: 161988

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 25.531 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion: 94 Resp: 72487

Ion Ratio Lower Upper

94 100

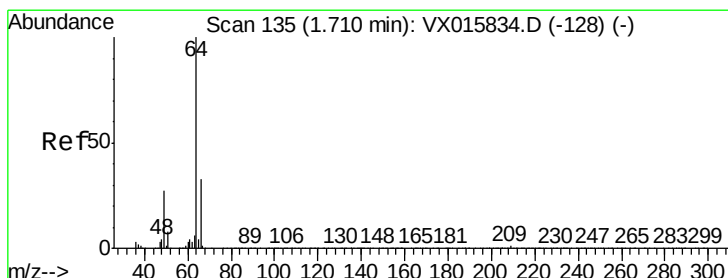
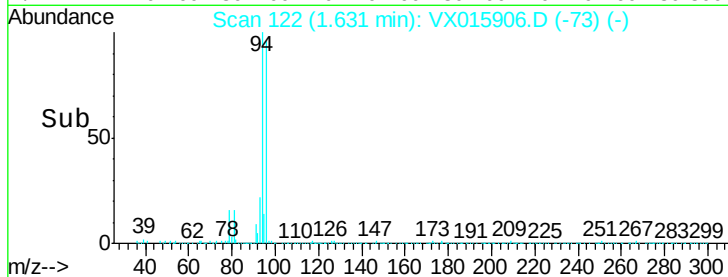
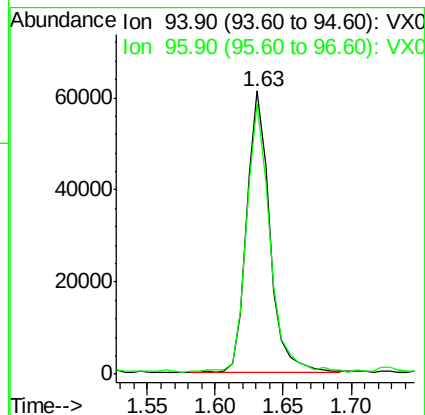
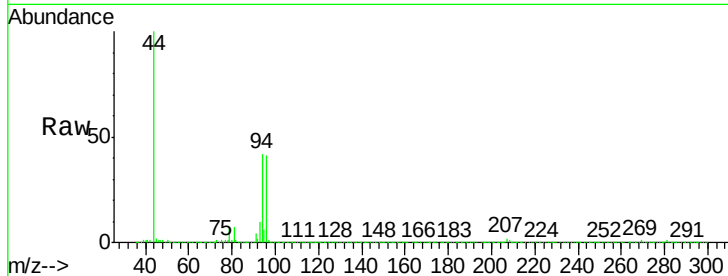
96 95.2 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 19.451 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015906.D

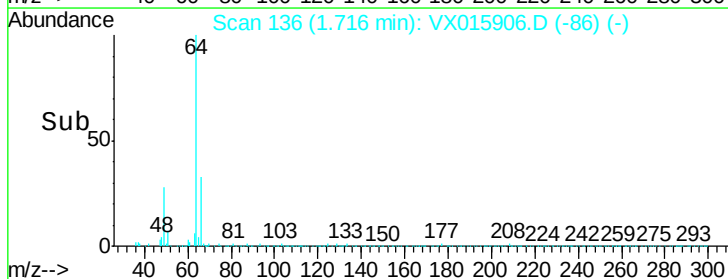
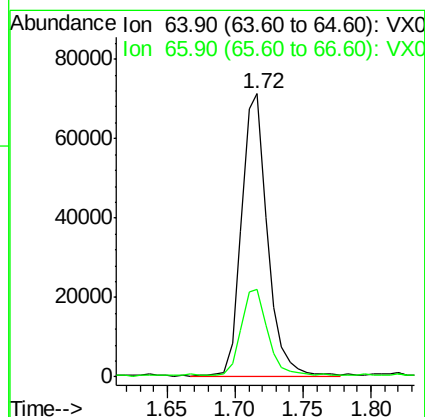
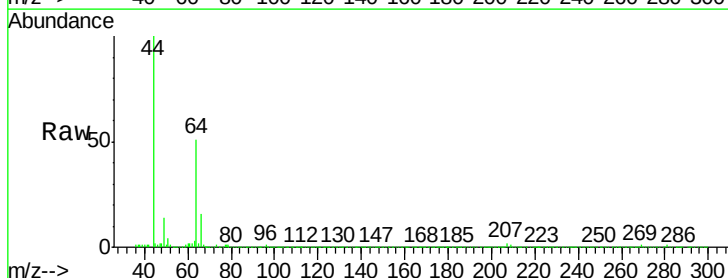
Acq: 23 Apr 2020 21:55

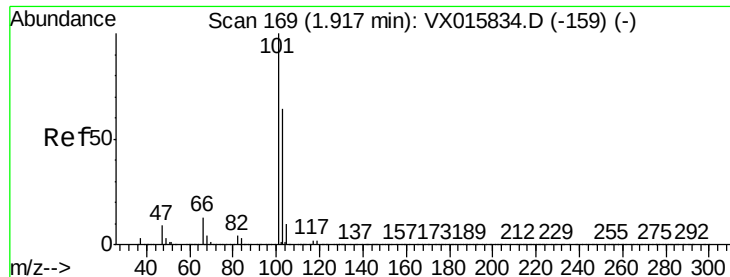
Tgt Ion: 64 Resp: 93830

Ion Ratio Lower Upper

64 100

66 30.3 26.2 39.2





#7

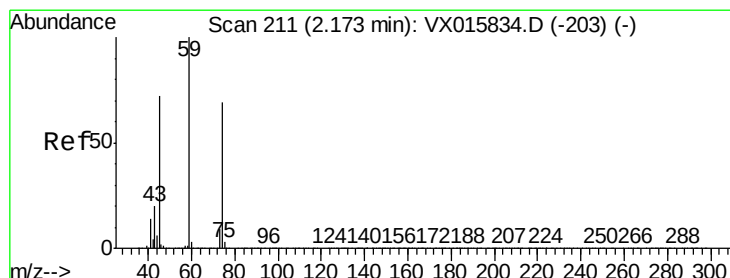
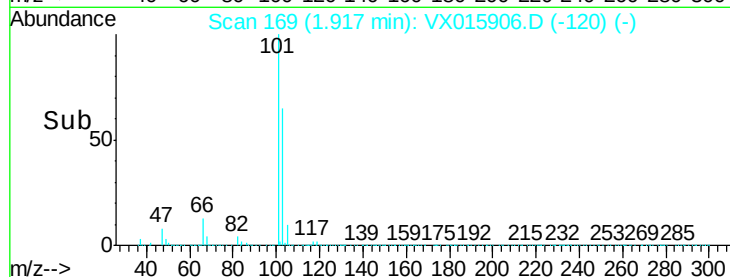
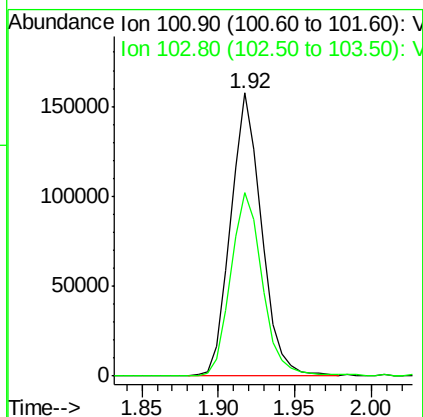
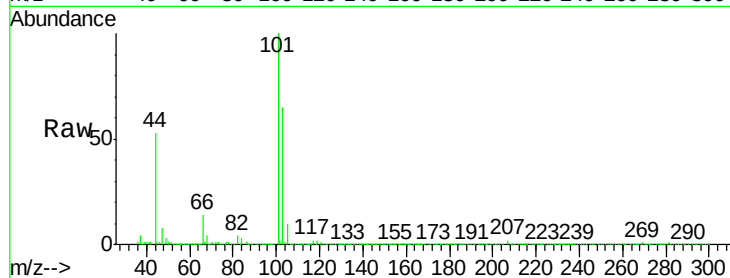
Trichlorofluoromethane
Concen: 20.923 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015906.D
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ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.4	77.0

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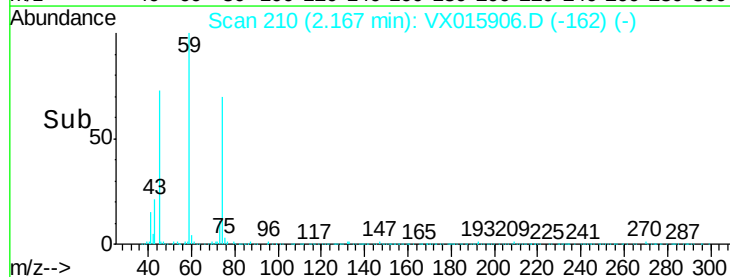
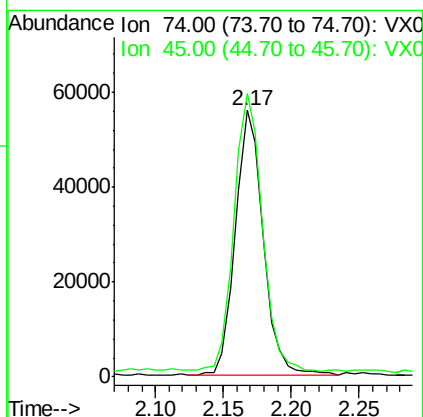
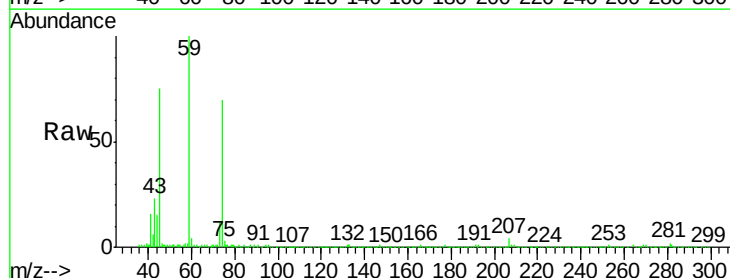
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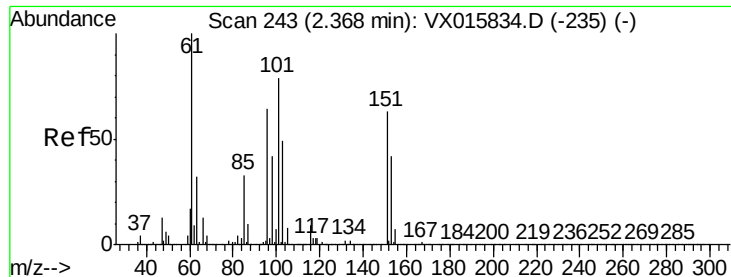


#8

Diethyl Ether
Concen: 18.700 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.378 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

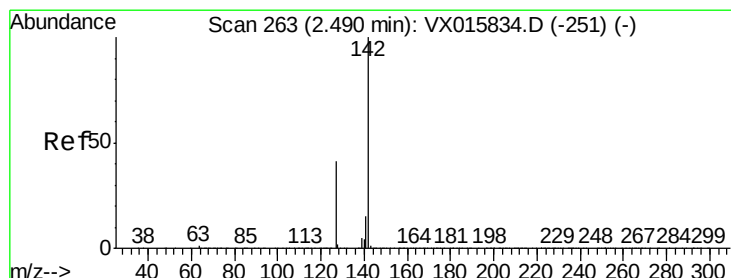
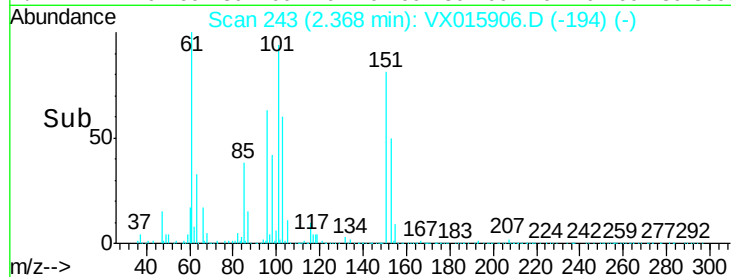
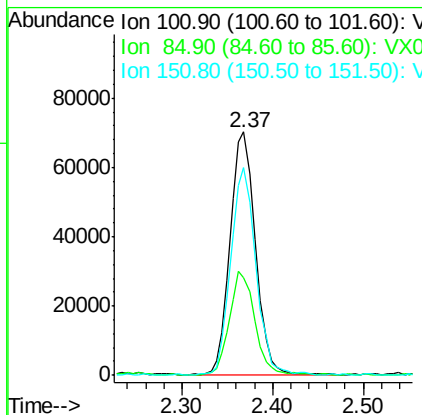
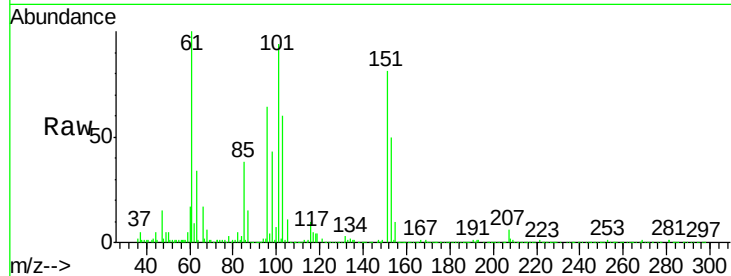
ClientSampled :

VX0423WBS02

Tot Ion:	101	Resp:	138064
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.8	50.6
151	83.8	67.8	101.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.614 ug/l

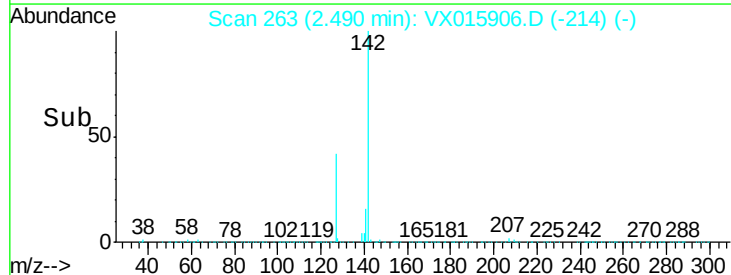
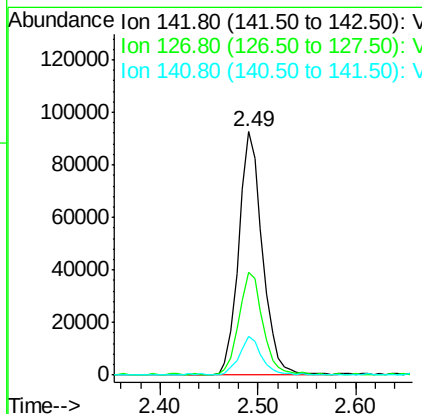
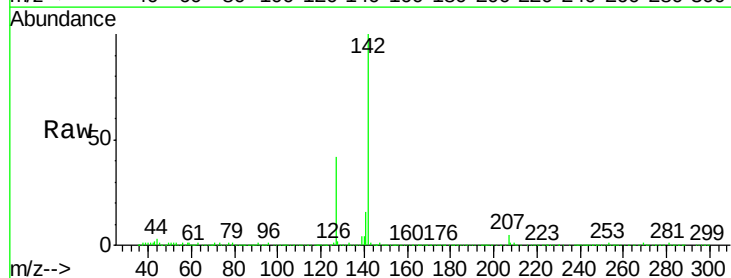
RT: 2.49 min Scan# 263

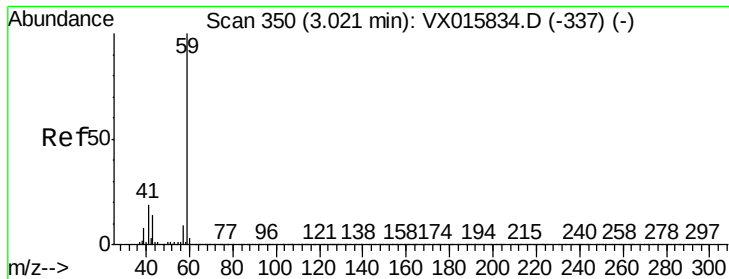
Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion:	142	Resp:	155041
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.3	49.9
141	14.6	11.8	17.6





#11

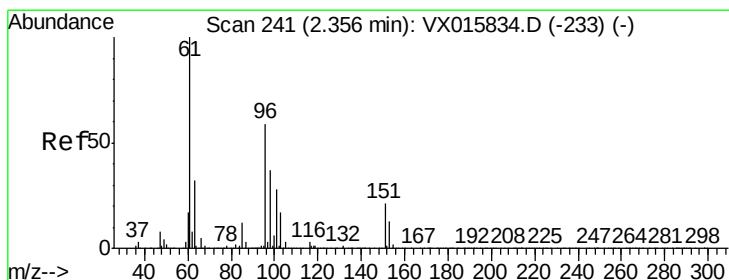
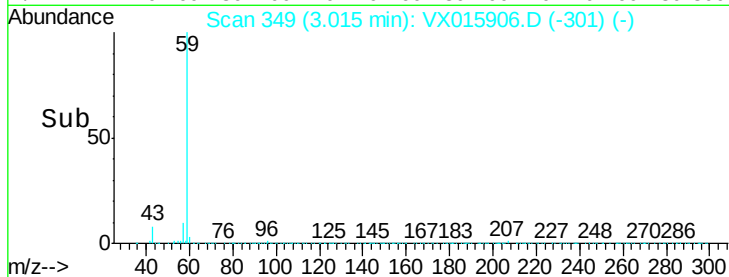
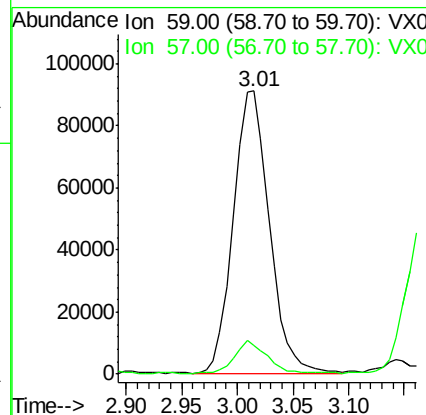
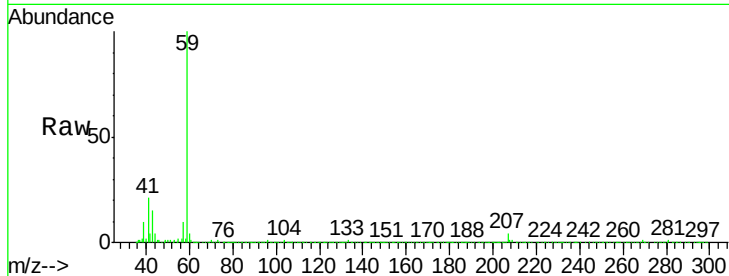
Tert butyl alcohol
Concen: 105.114 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.2

Manual Integrations
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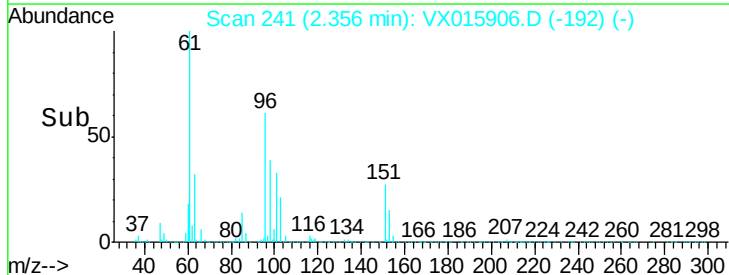
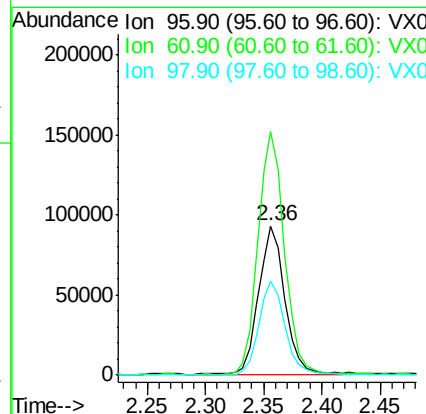
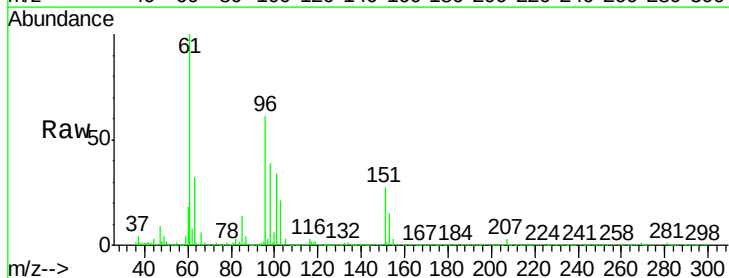
MMDadoda
4/24/2020 11:35:15 AM

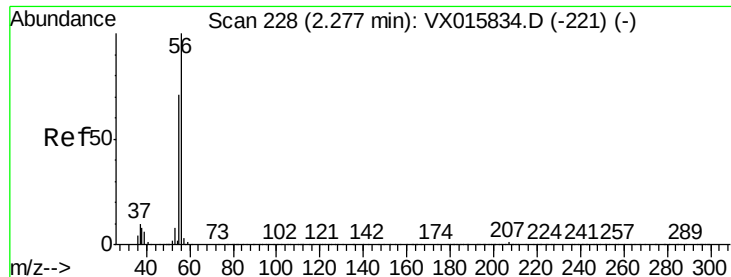


#12

1,1-Dichloroethene
Concen: 19.897 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.4	135.0	202.6
98	63.0	50.6	76.0





#13

Acrolein

Concen: 76.851 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion: 56 Resp: 88154

Ion Ratio Lower Upper

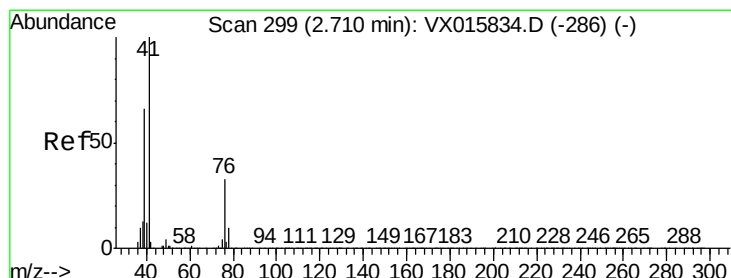
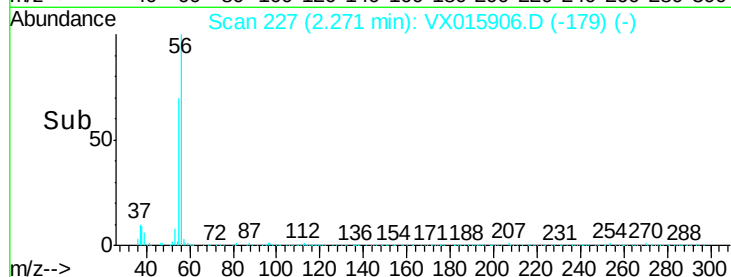
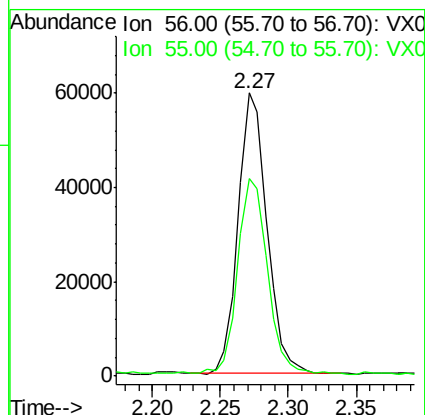
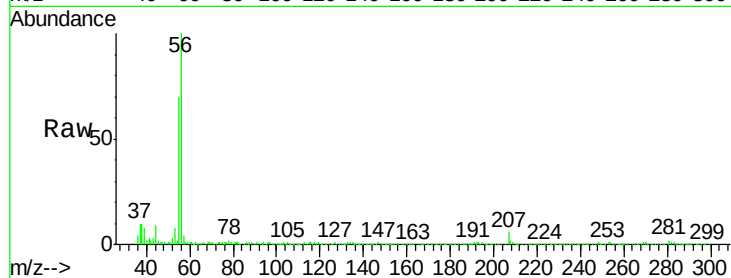
56 100

55 72.1 56.1 84.1

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 19.562 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

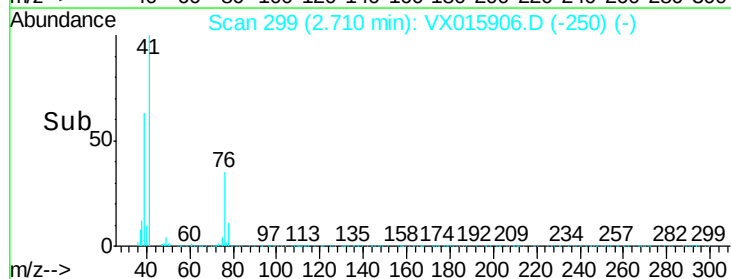
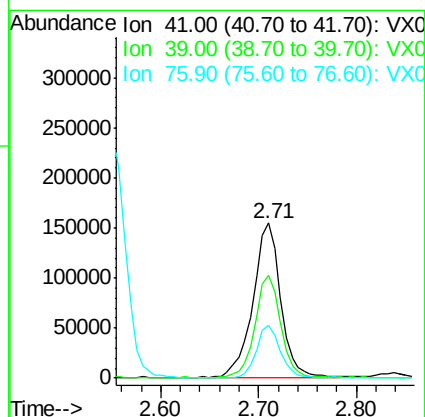
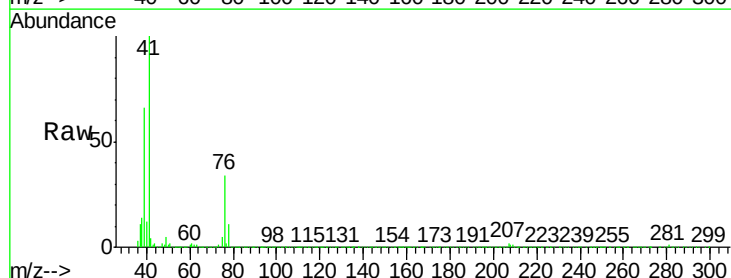
Tgt Ion: 41 Resp: 303742

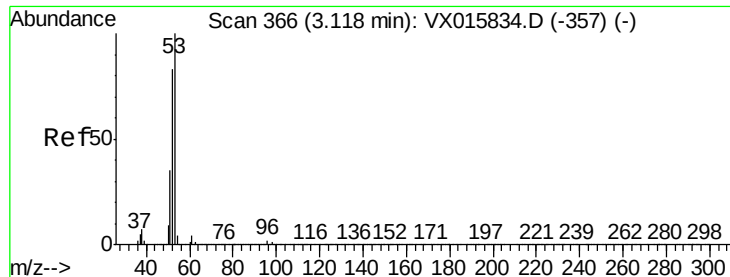
Ion Ratio Lower Upper

41 100

39 61.8 48.4 72.6

76 28.9 23.8 35.8





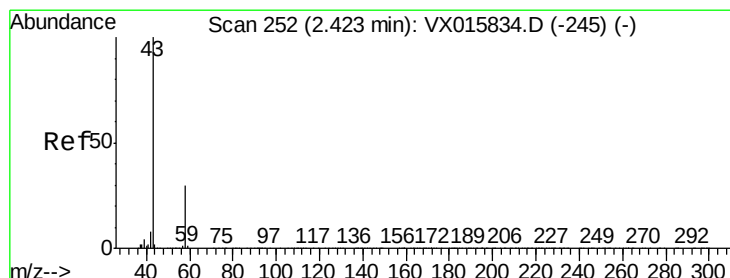
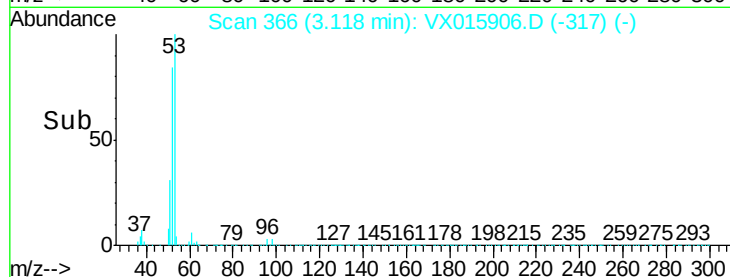
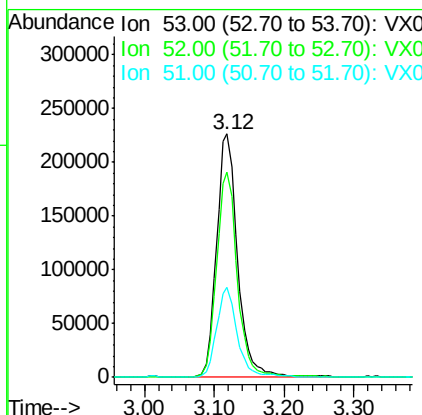
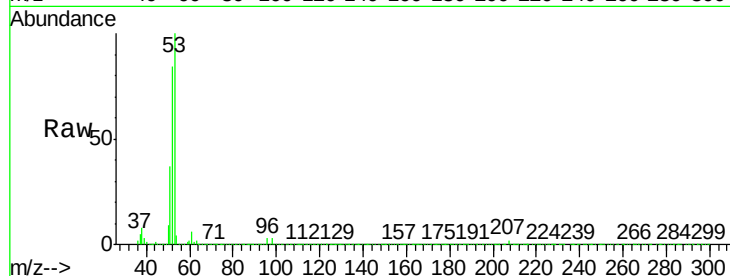
#15
 Acrylonitrile
 Concen: 105.564 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Tot Ion:	53	Resp:	475019
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.2	99.4
51	35.7	28.6	43.0

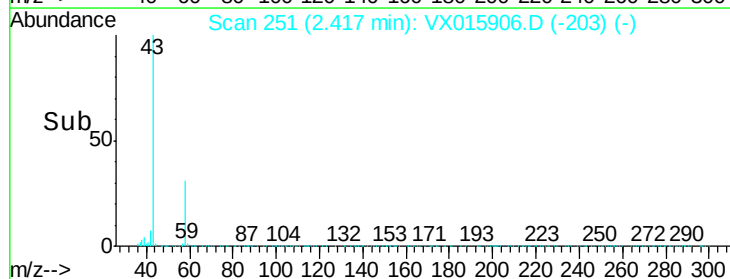
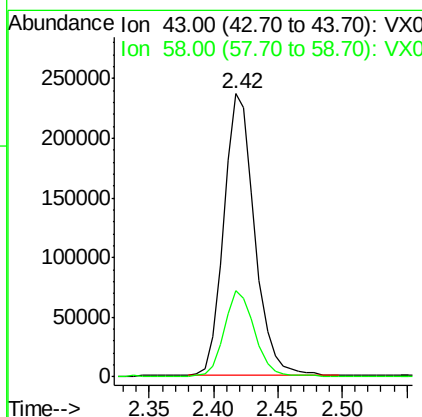
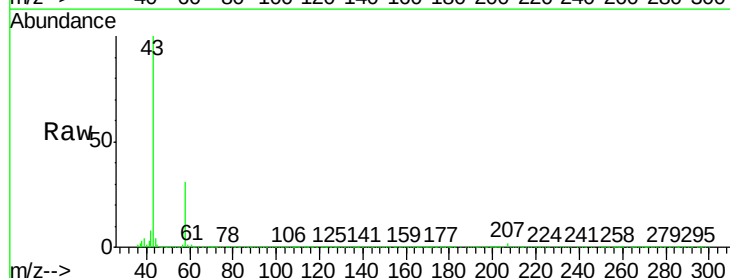
Manual Integrations
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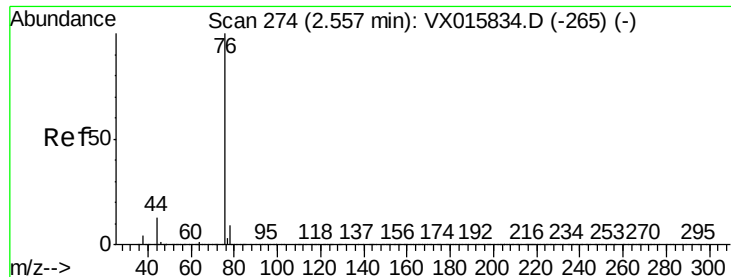
MMDadoda
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#16
 Acetone
 Concen: 95.416 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion:	43	Resp:	394204
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.0	36.0





#17

Carbon Disulfide

Concen: 14.740 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion: 76 Resp: 391121

Ion Ratio Lower Upper

76 100

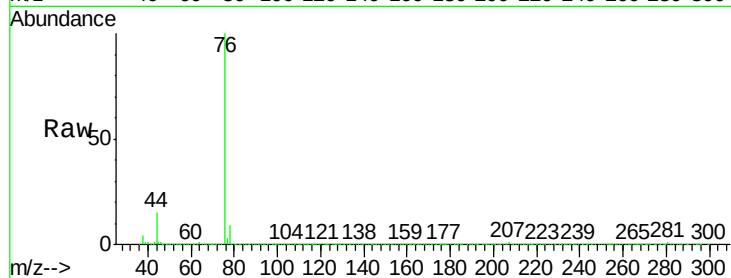
78 8.9 7.4 11.2

Manual Integrations

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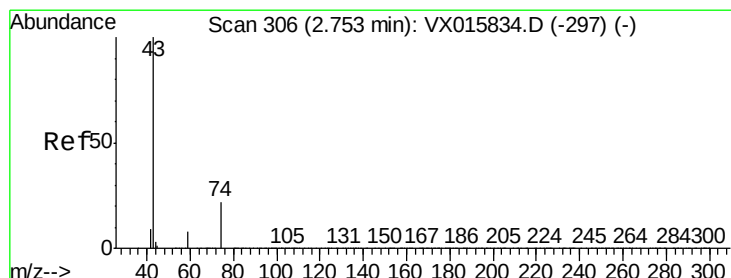
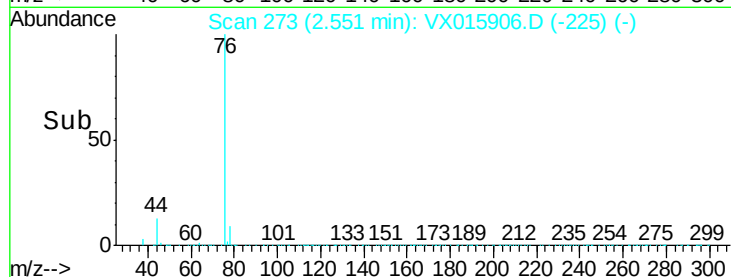
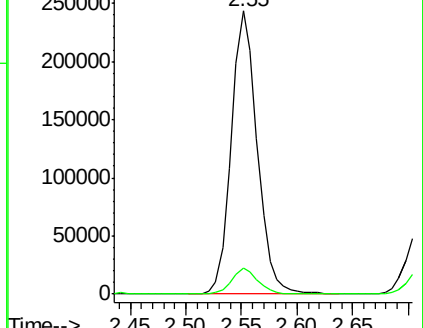
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.167 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015906.D

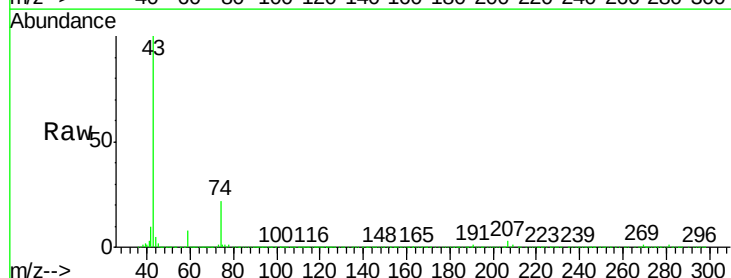
Acq: 23 Apr 2020 21:55

Tgt Ion: 43 Resp: 275061

Ion Ratio Lower Upper

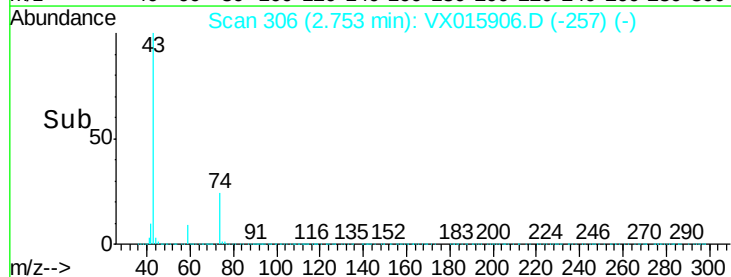
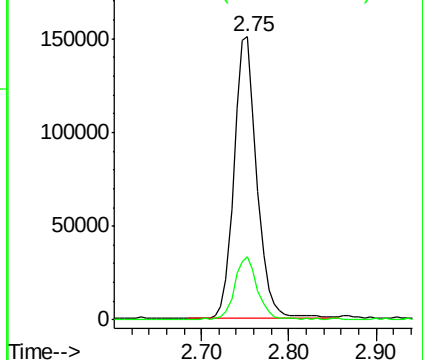
43 100

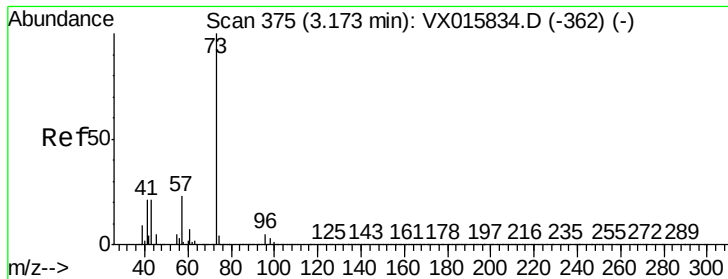
74 21.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





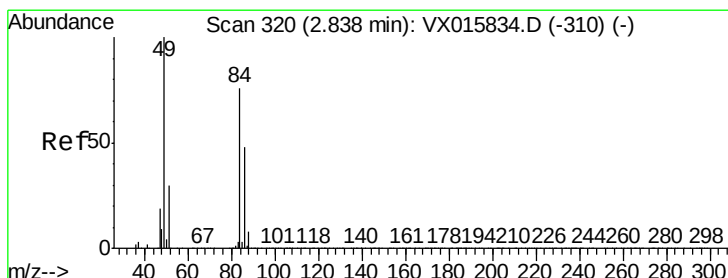
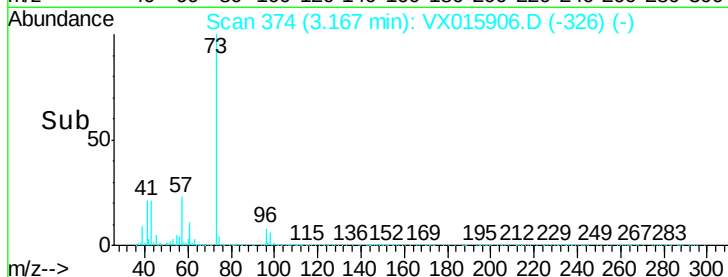
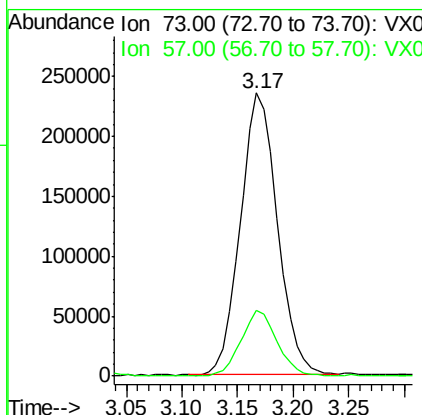
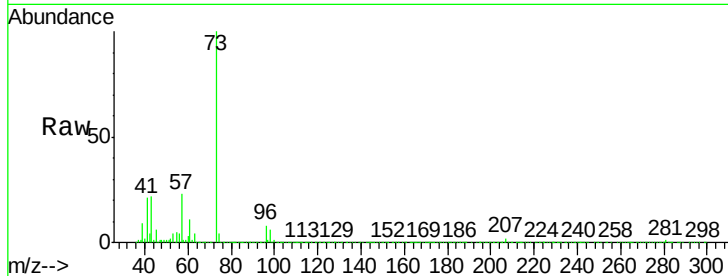
#19
Methyl tert-butyl Ether
Concen: 21.131 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.1	27.1

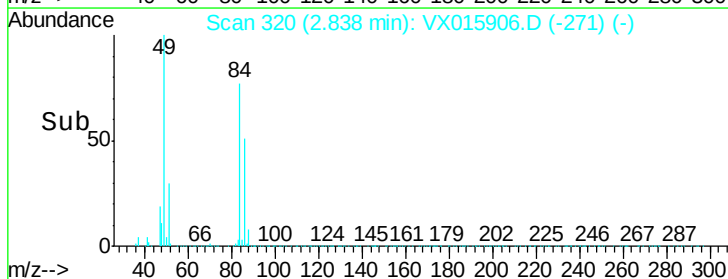
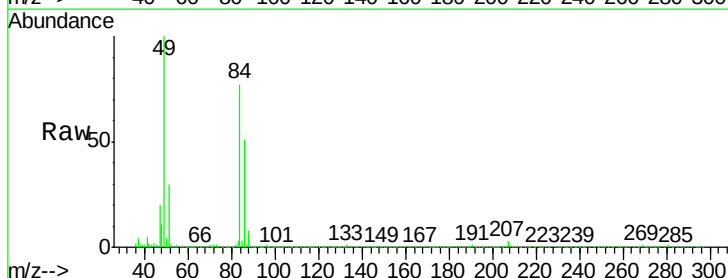
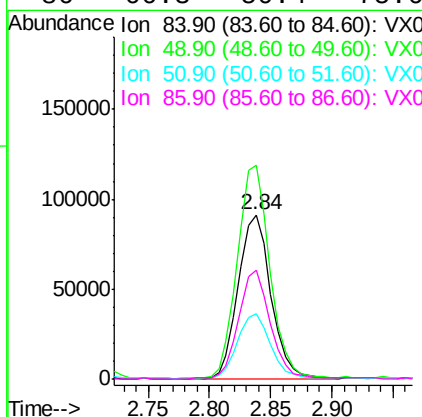
Manual Integrations
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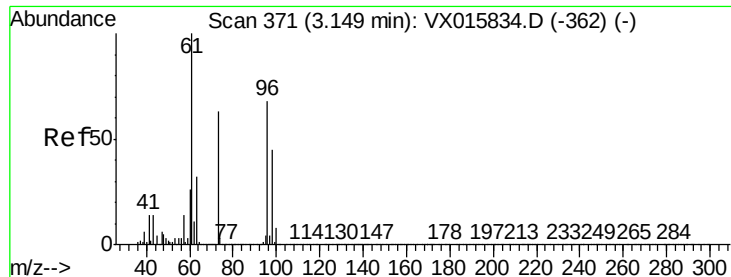
MMDadoda
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#20
Methylene Chloride
Concen: 20.124 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.8	104.9	157.3
51	38.8	32.0	48.0
86	66.3	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 19.794 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

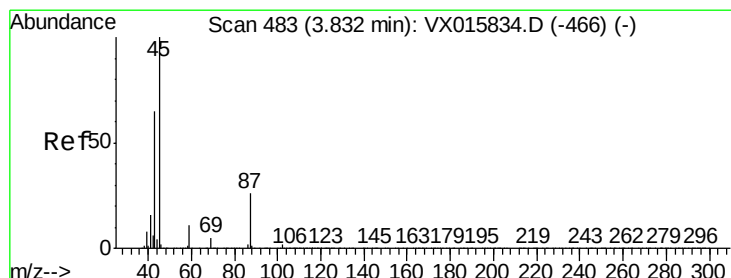
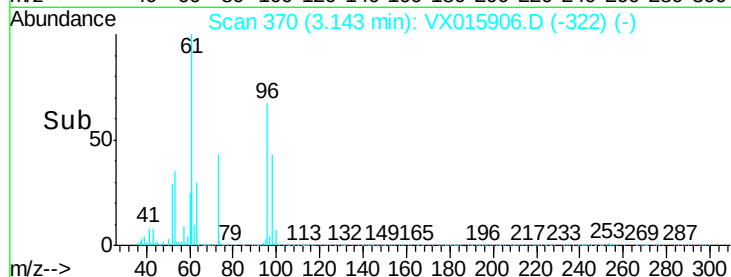
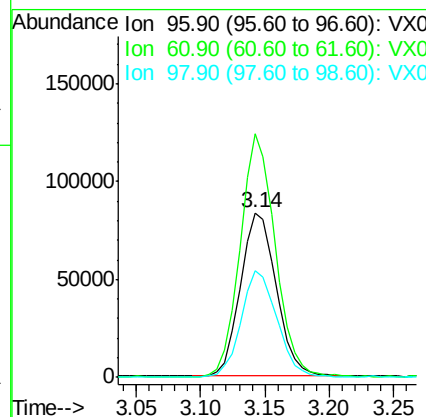
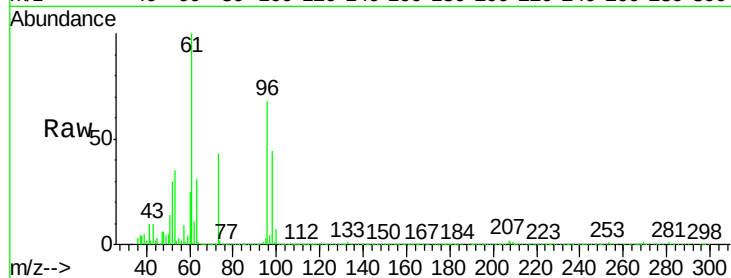
ClientSampleId :

VX0423WBS02

Tot Ion:	96	Resp:	160472
Ion Ratio	Lower	Upper	
96	100		
61	148.6	117.5	176.3
98	64.7	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.961 ug/l

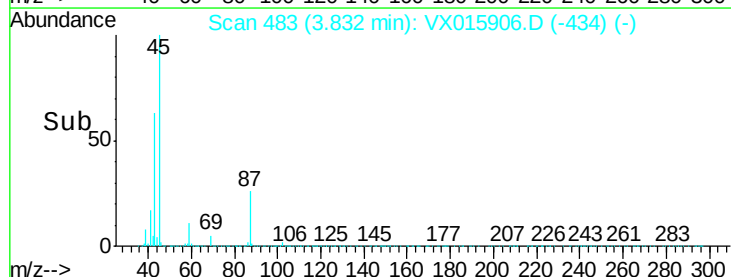
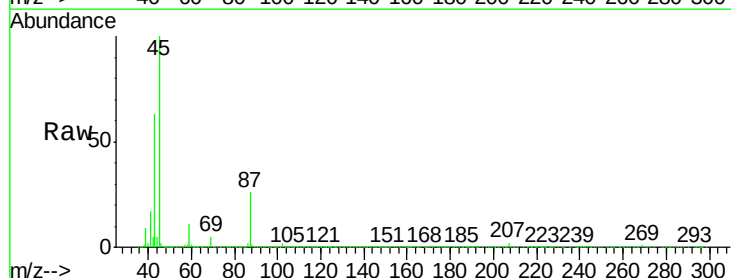
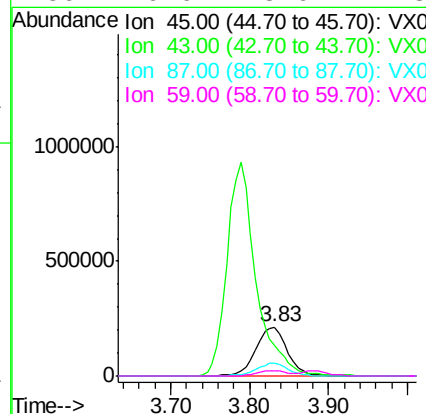
RT: 3.83 min Scan# 483

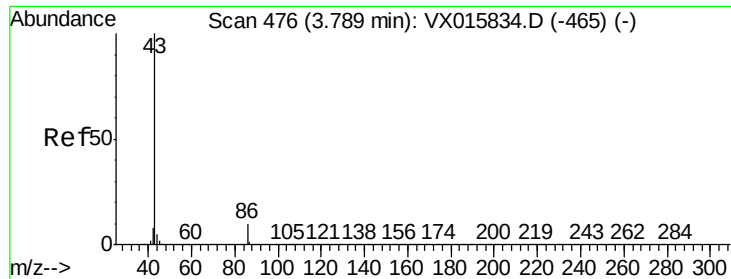
Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion:	45	Resp:	586592
Ion Ratio	Lower	Upper	
45	100		
43	62.5	52.4	78.6
87	25.8	20.7	31.1
59	10.6	8.6	12.8





#23

Vinyl Acetate

Concen: 103.214 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS02

Tot Ion: 43 Resp: 2390652

Ion Ratio Lower Upper

43 100

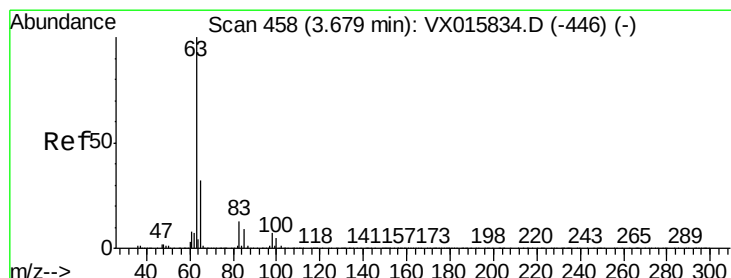
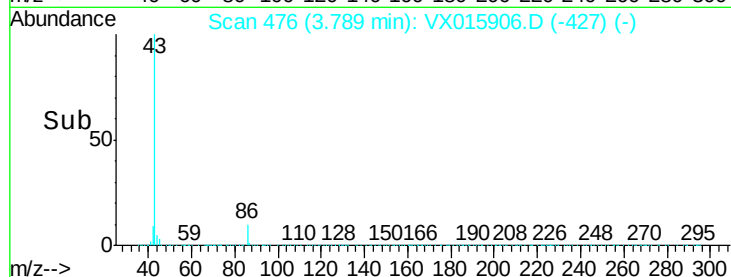
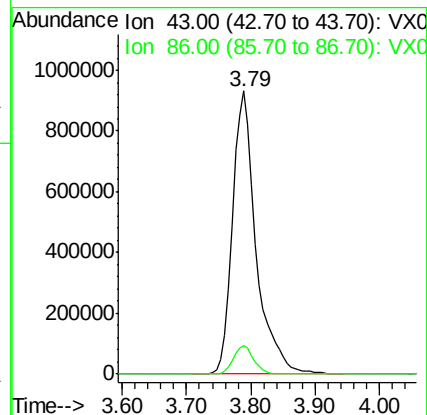
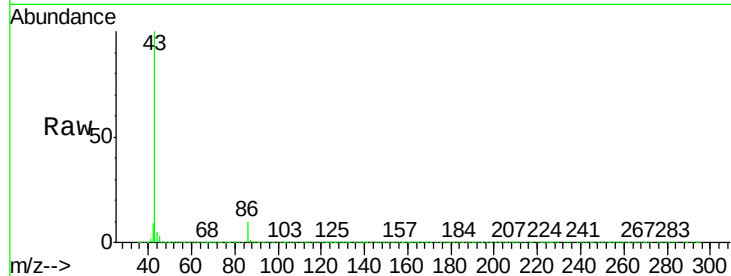
86 10.2 8.0 12.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 20.409 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

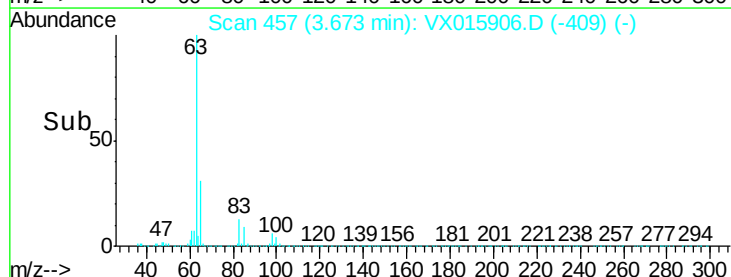
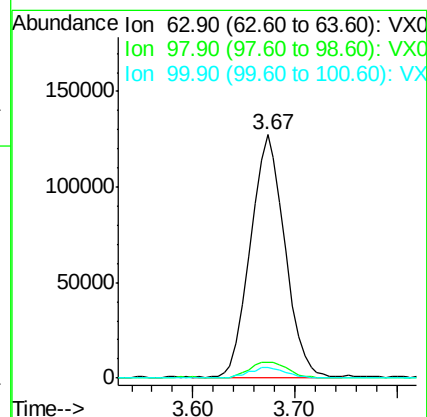
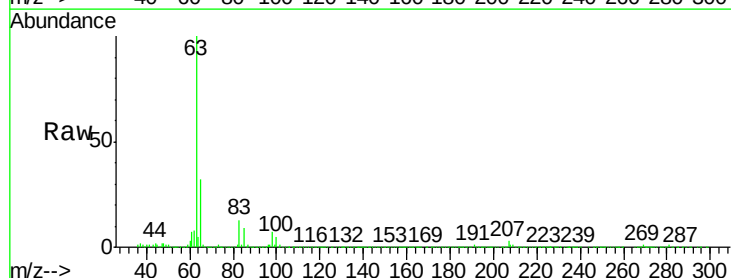
Tgt Ion: 63 Resp: 297700

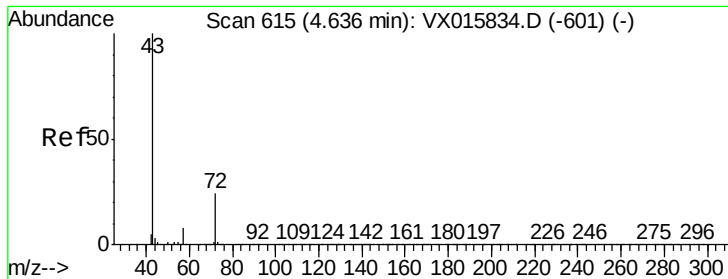
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 4.3 2.3 6.8





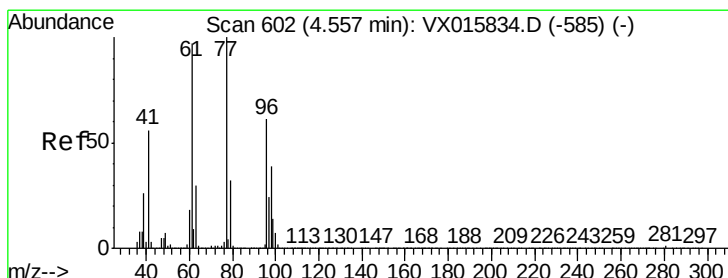
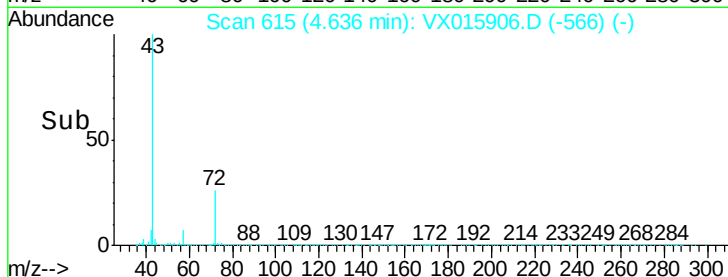
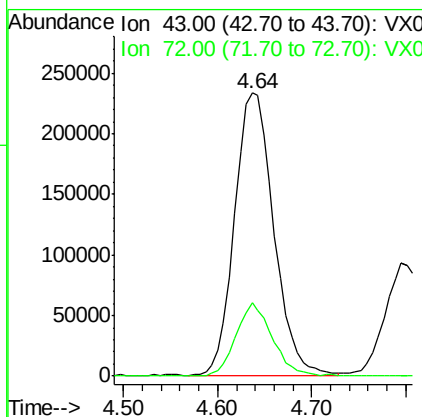
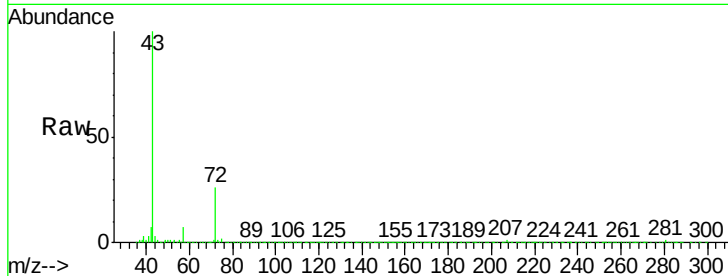
#25
2-Butanone
Concen: 103.399 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion: 43 Resp: 675200
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

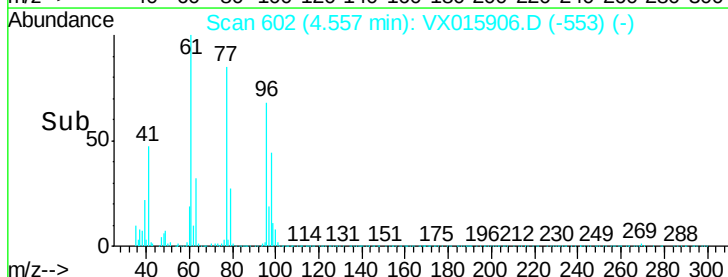
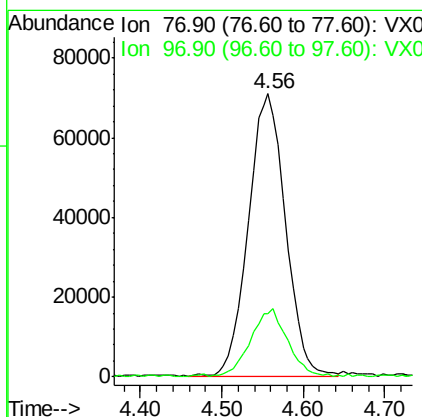
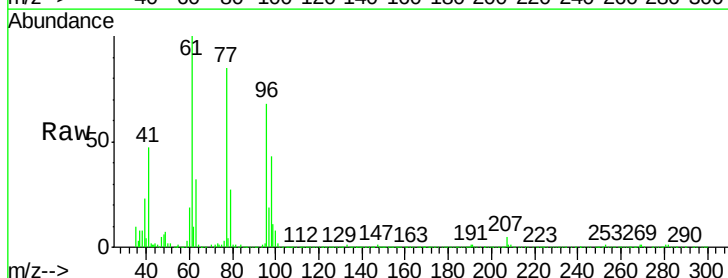
Manual Integrations
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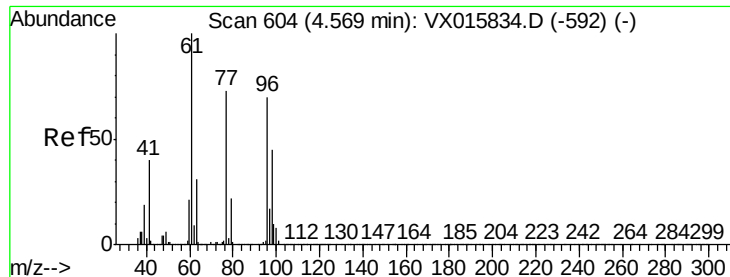
MMDadoda
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#26
2,2-Dichloropropane
Concen: 17.350 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion: 77 Resp: 226072
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.1





#27

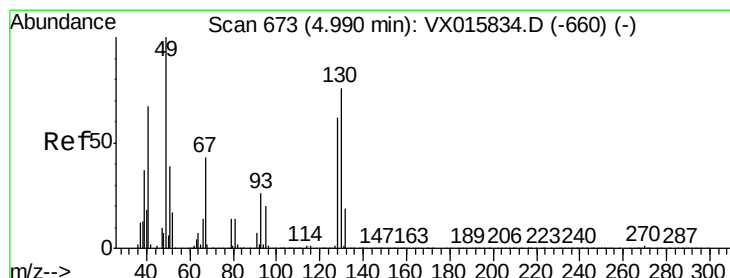
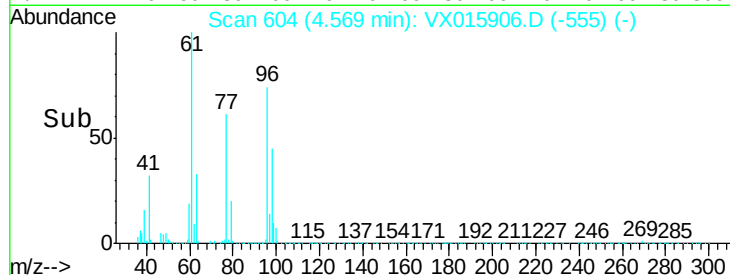
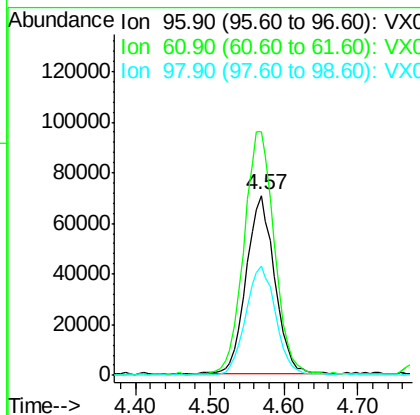
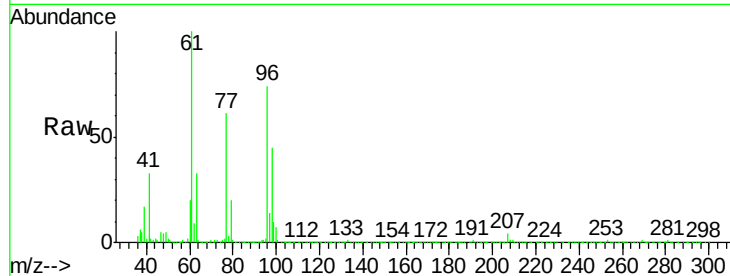
cis-1,2-Dichloroethene
Concen: 20.536 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	145.5	0.0	299.4
98	65.4	0.0	129.6

Manual Integrations
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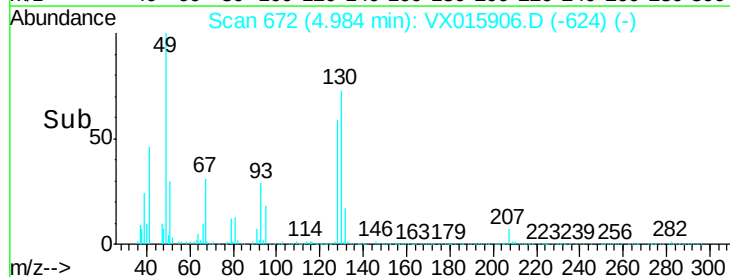
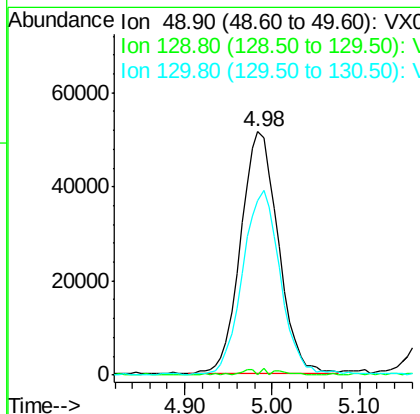
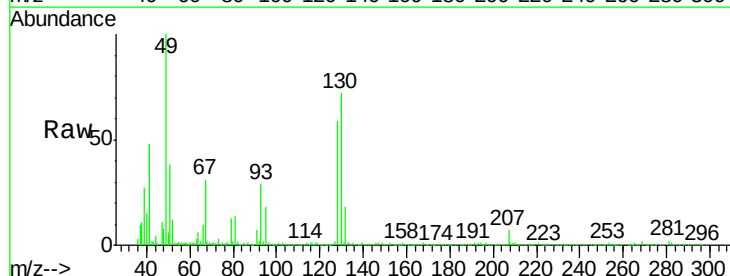
MMDadoda
4/24/2020 11:35:15 AM

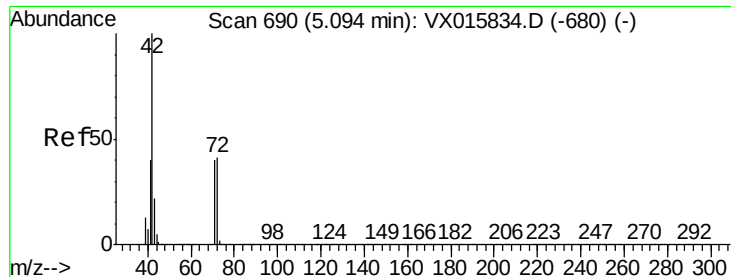


#28

Bromochloromethane
Concen: 20.036 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	0.3	0.0	1.8
130	76.3	62.4	93.6





#29

Tetrahydrofuran

Concen: 101.597 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

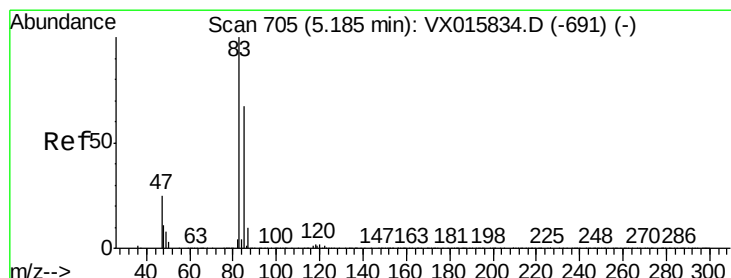
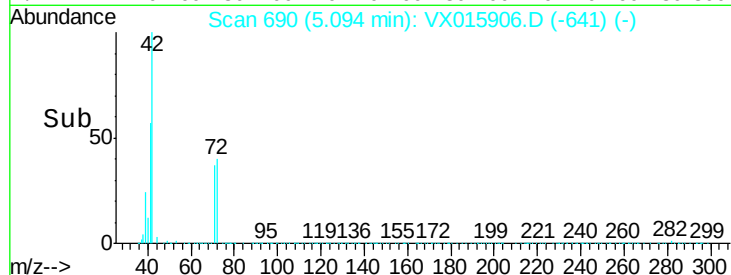
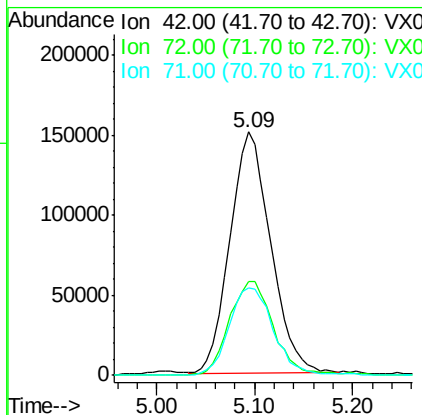
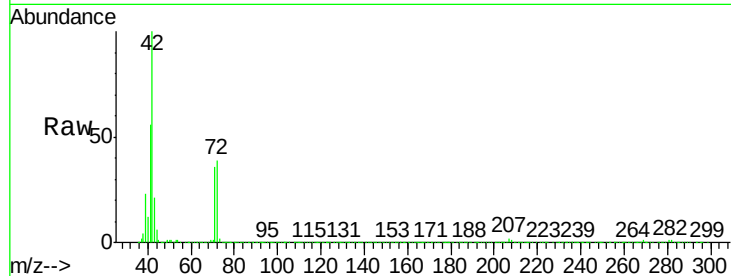
ClientSampleId :

VX0423WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.0	49.6
71	39.0	30.6	45.8

Manual Integrations
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4/24/2020 11:35:15 AM



#30

Chloroform

Concen: 20.723 ug/l

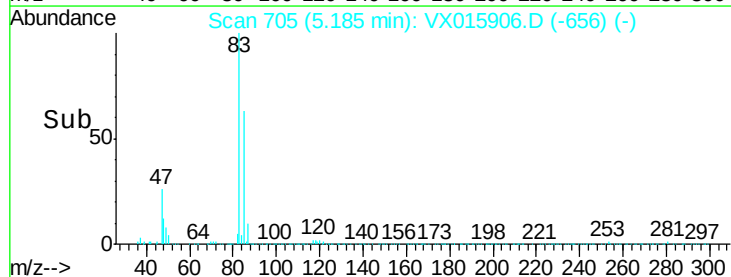
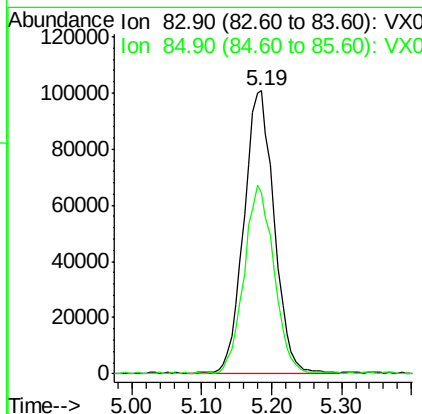
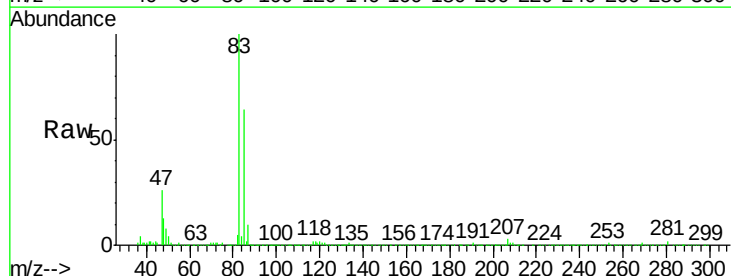
RT: 5.19 min Scan# 705

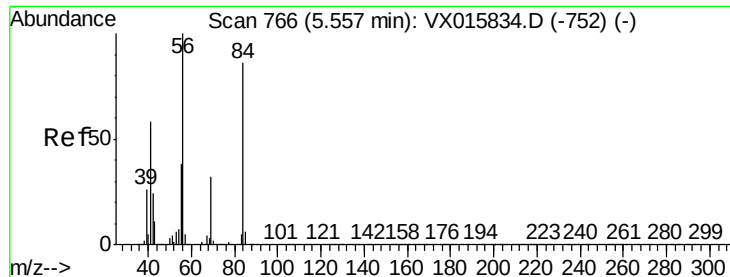
Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.4	80.0





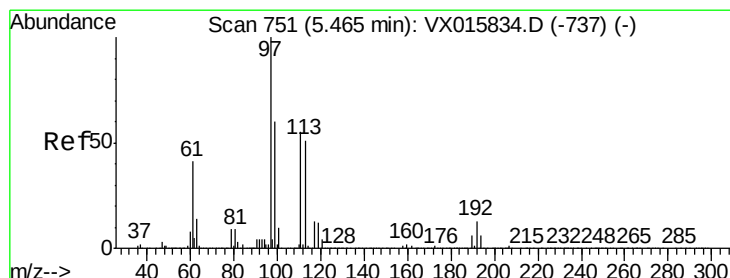
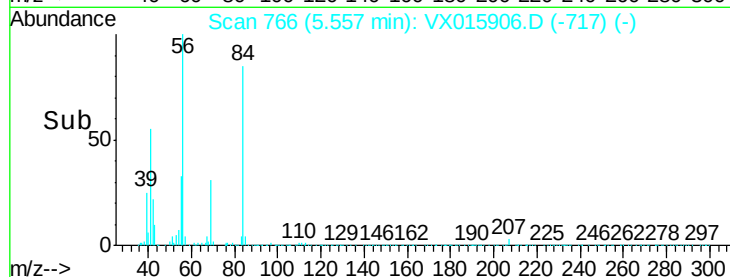
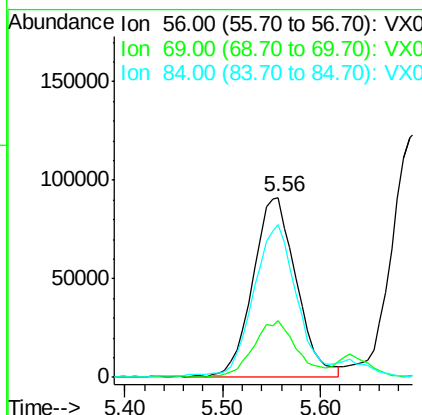
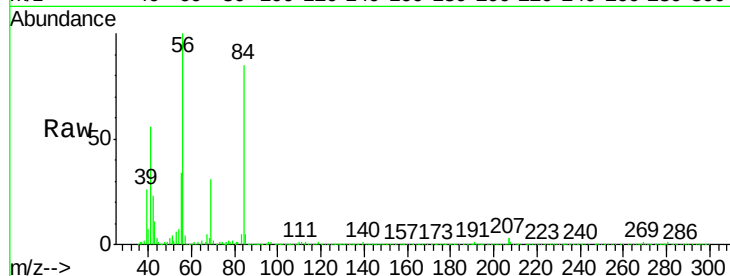
#31
Cyclohexane
Concen: 20.314 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.3	37.9
84	83.4	69.1	103.7

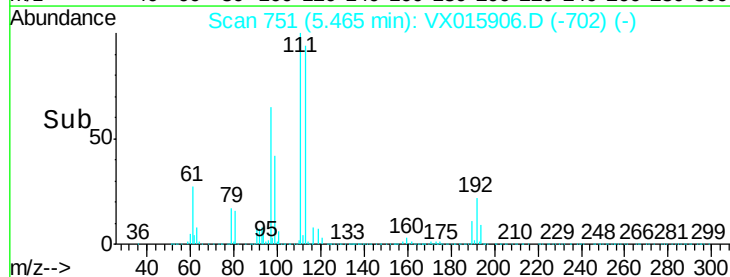
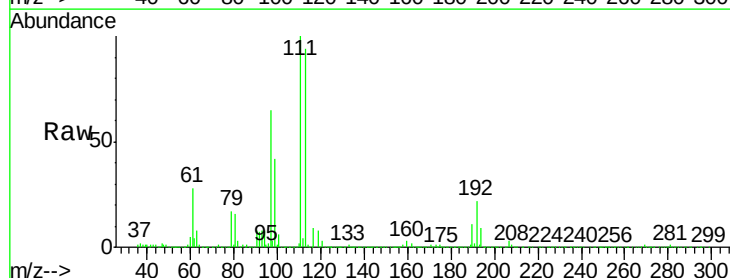
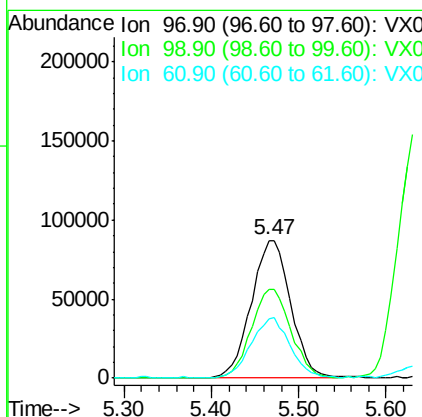
Manual Integrations
APPROVED

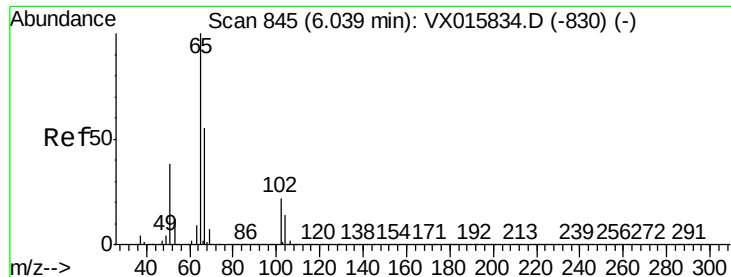
MMDadoda
4/24/2020 11:35:15 AM



#32
1,1,1-Trichloroethane
Concen: 20.875 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.2	76.8
61	43.7	34.1	51.1





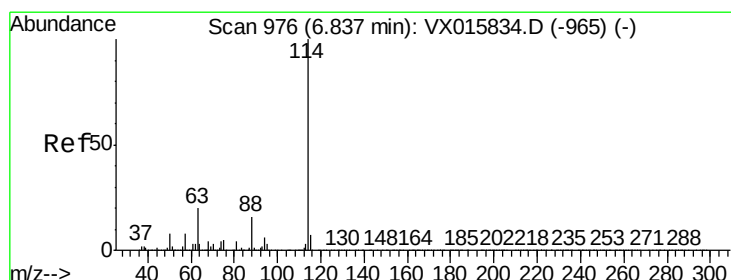
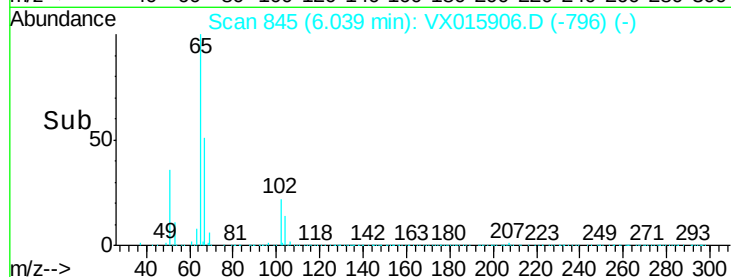
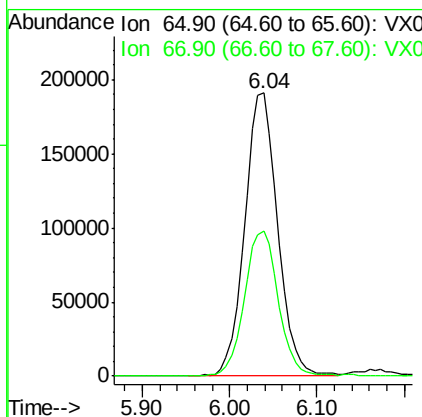
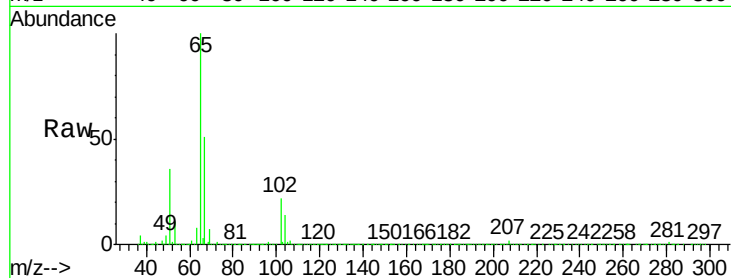
#33
 1,2-Dichloroethane-d4
 Concen: 52.205 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	495332		
67	53.3	0.0	104.2	

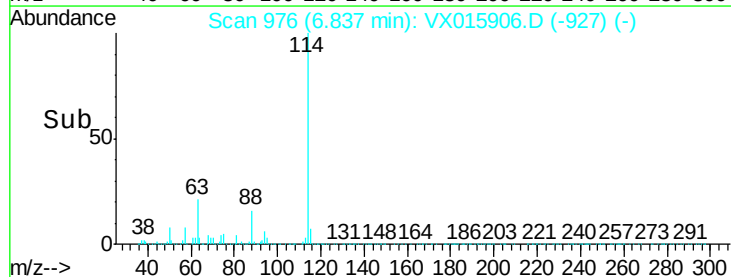
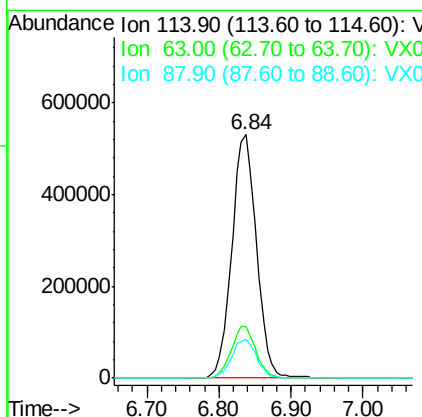
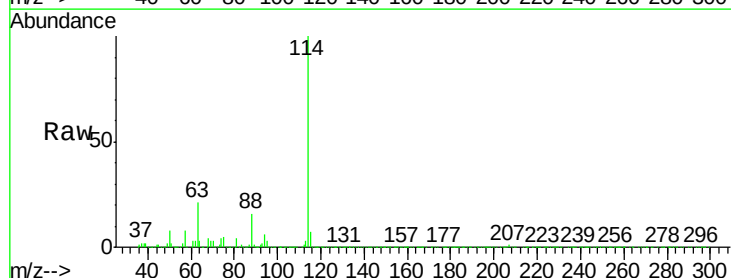
Manual Integrations
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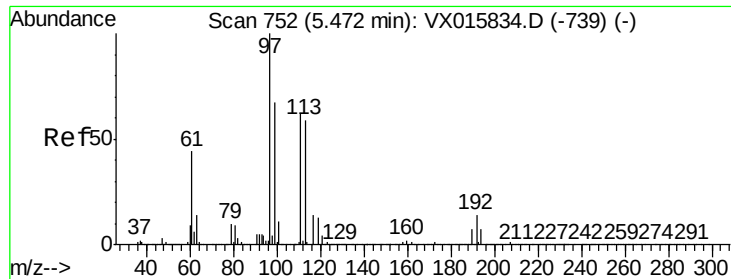
MMDadoda
 4/24/2020 11:35:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1259680		
63	21.0	0.0	40.6	
88	15.9	0.0	32.8	





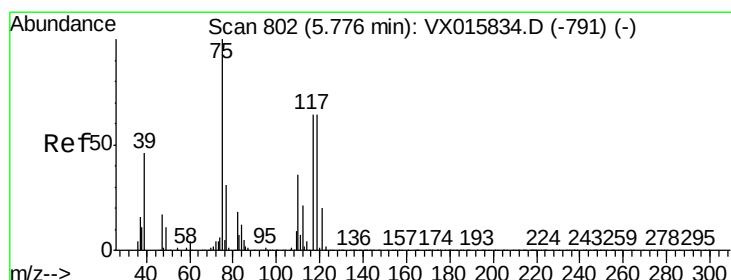
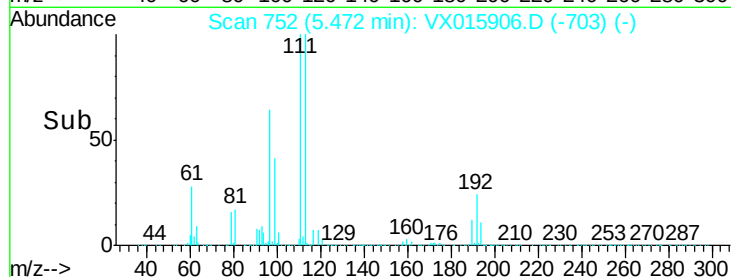
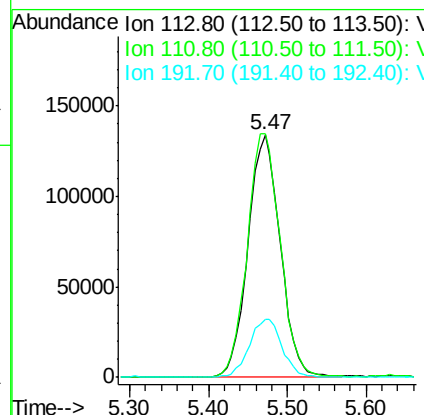
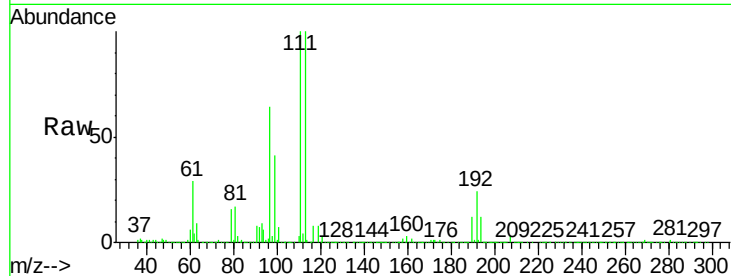
#35
 Dibromofluoromethane
 Concen: 52.272 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.3	82.7	124.1	
192	24.3	19.3	28.9	

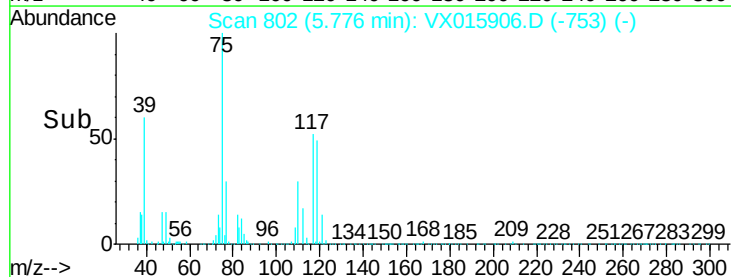
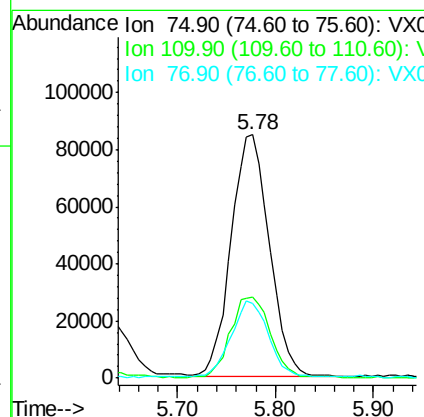
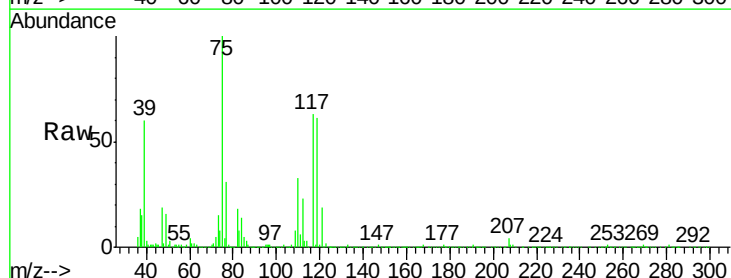
Manual Integrations
 APPROVED

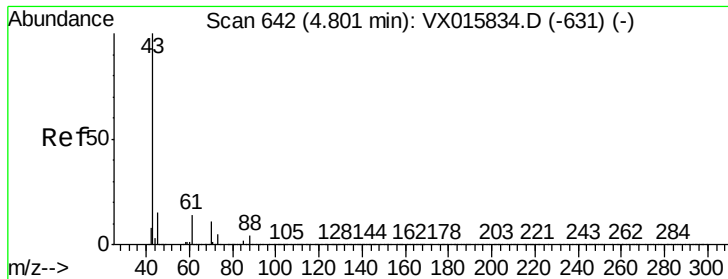
MMDadoda
 4/24/2020 11:35:15 AM



#36
 1,1-Dichloropropene
 Concen: 20.617 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.8	17.9	53.8	
77	30.6	24.5	36.7	





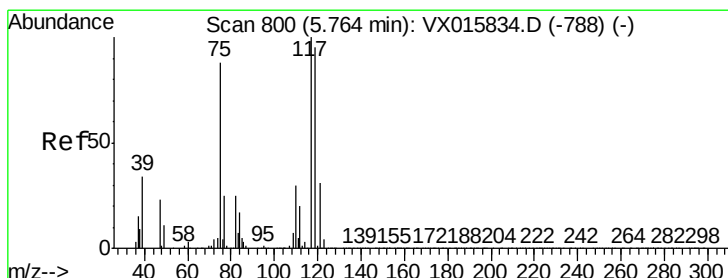
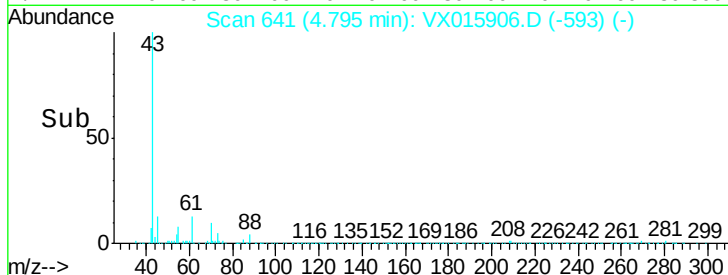
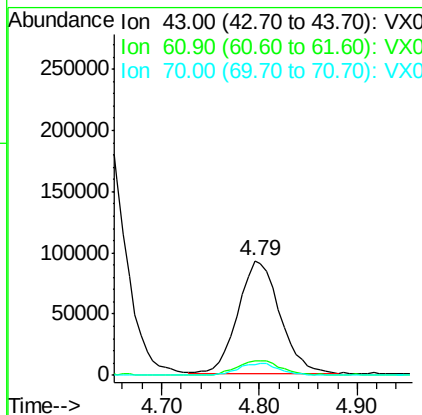
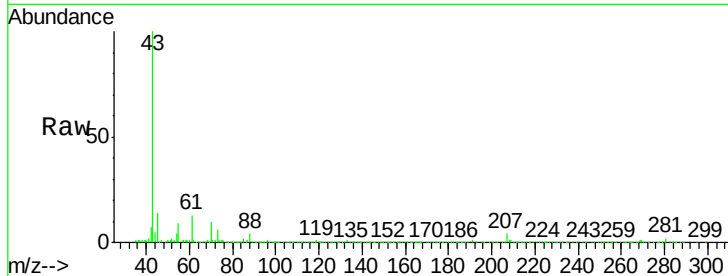
#37
Ethyl Acetate
Concen: 20.591 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	43	Resp	273666
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.8	16.2
70	10.3	8.2	12.2

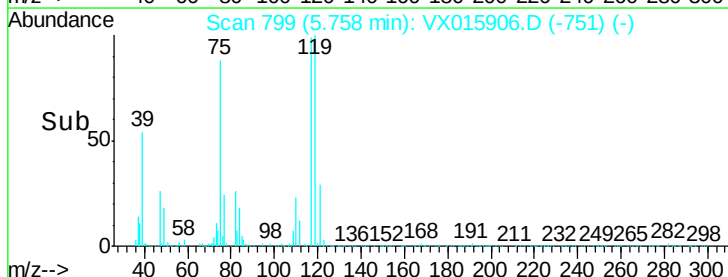
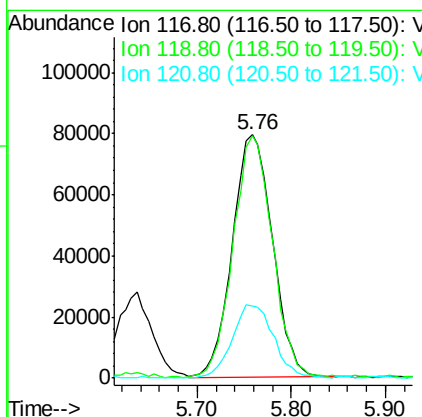
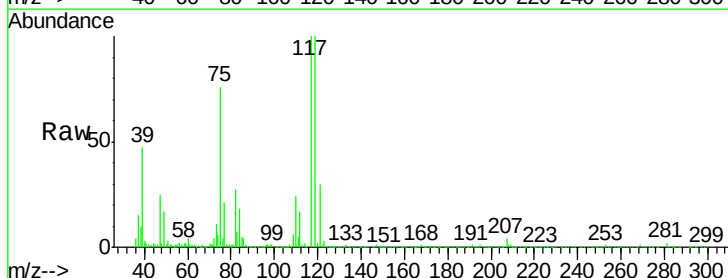
Manual Integrations
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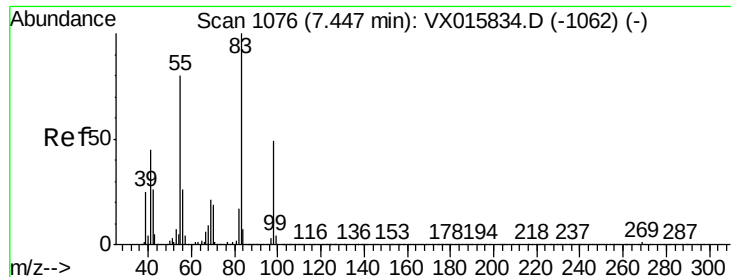
MMDadoda
4/24/2020 11:35:15 AM



#38
Carbon Tetrachloride
Concen: 21.383 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	117	Resp	235214
Ion Ratio	Lower	Upper	
117	100		
119	99.7	75.7	113.5
121	29.4	25.0	37.6





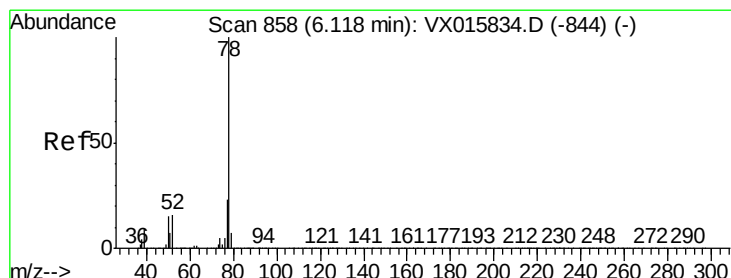
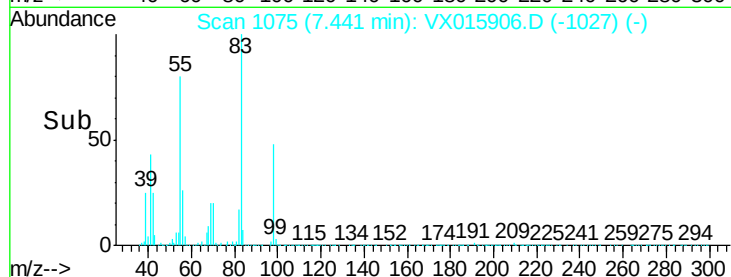
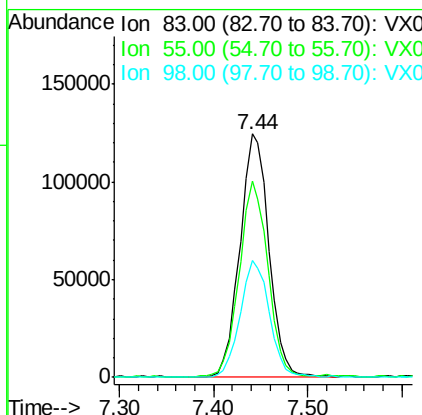
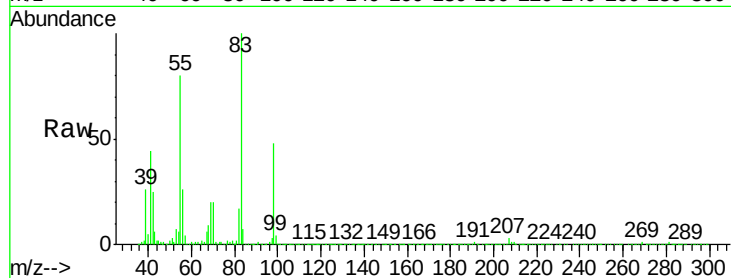
#39
Methylvlcyclohexane
Concen: 18.930 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	267698		
55	80.0	64.2	96.4	
98	47.7	39.3	58.9	

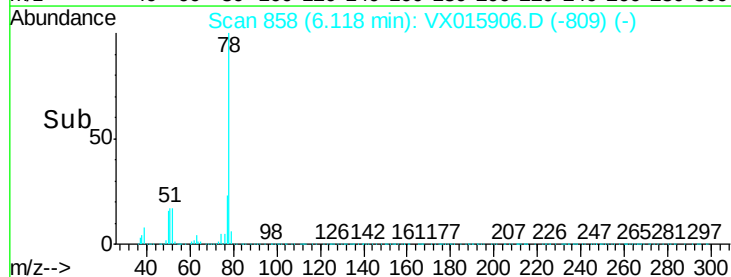
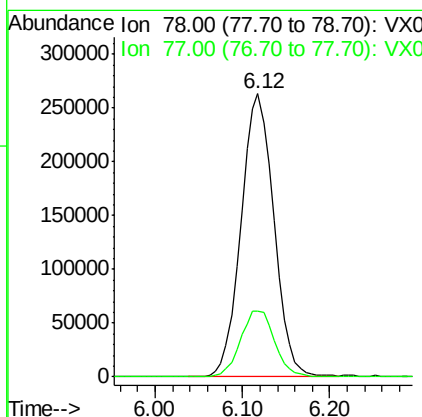
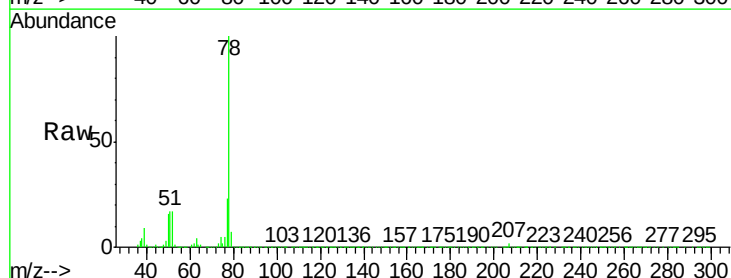
Manual Integrations
APPROVED

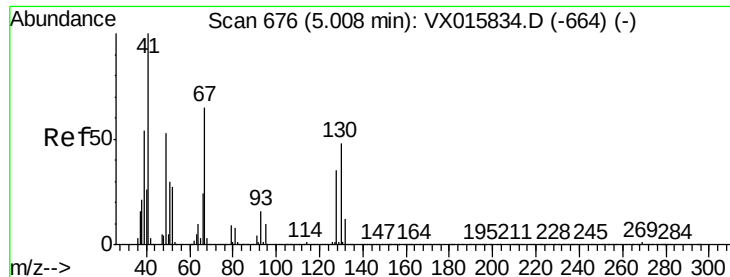
MMDadoda
4/24/2020 11:35:15 AM



#40
Benzene
Concen: 20.358 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	684716		
77	23.2	18.6	27.8	





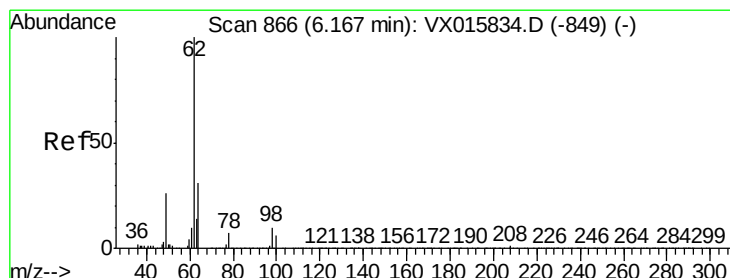
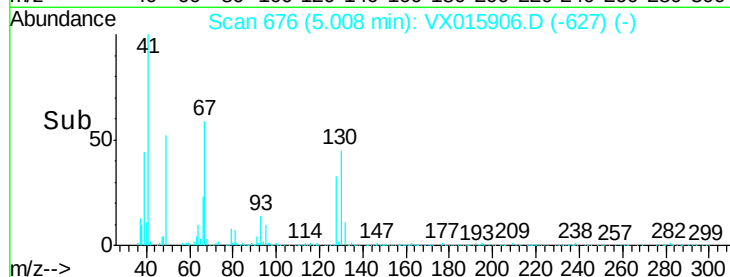
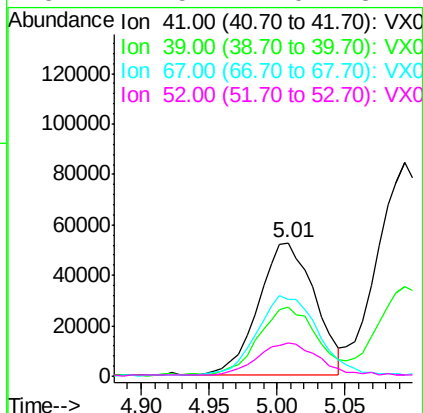
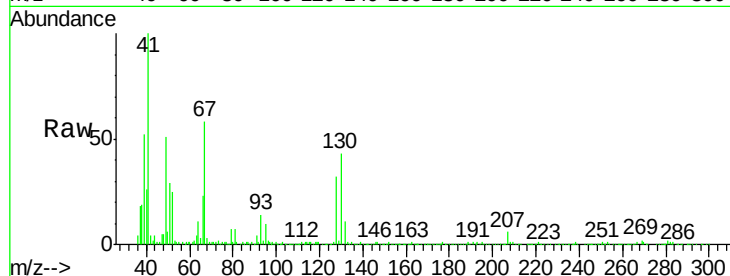
#41
Methacrylonitrile
Concen: 20.538 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		151680		
39	54.4	42.4	63.6		
67	65.4	51.9	77.9		
52	27.5	21.0	31.4		

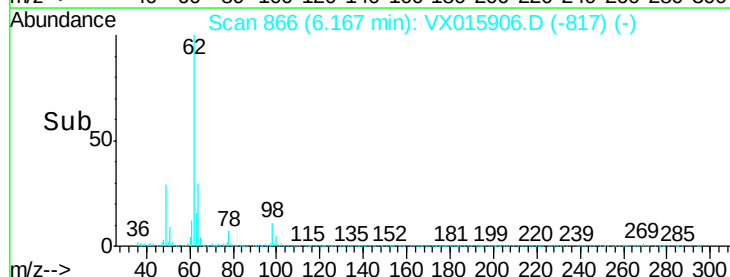
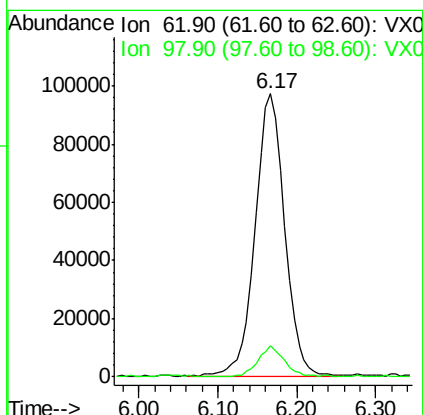
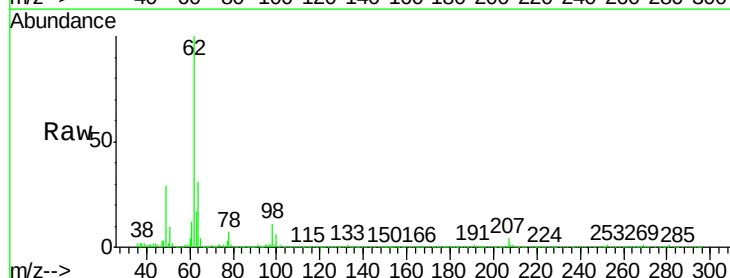
Manual Integrations
APPROVED

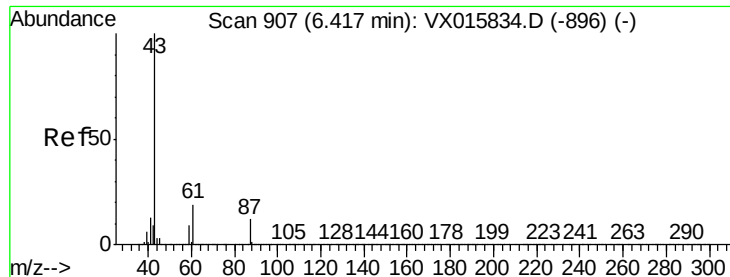
MMDadoda
4/24/2020 11:35:15 AM



#42
1,2-Dichloroethane
Concen: 21.090 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		255437		
98	9.5	0.0	20.0		





#43

Isopropyl Acetate

Concen: 20.229 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

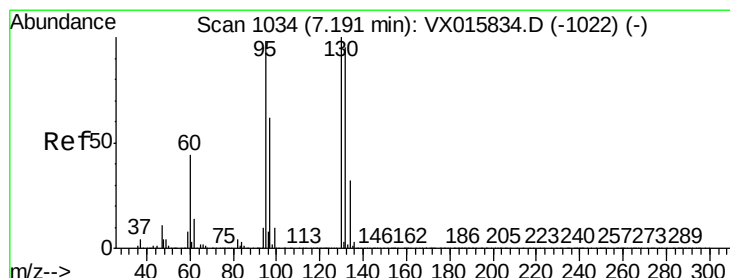
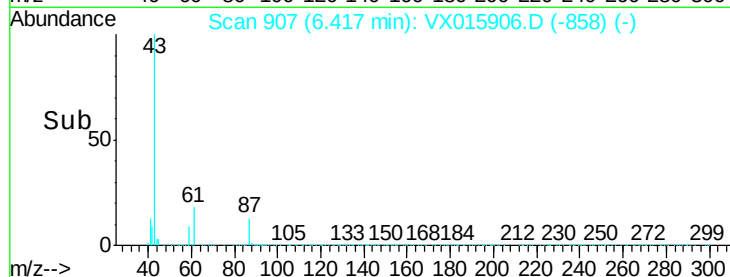
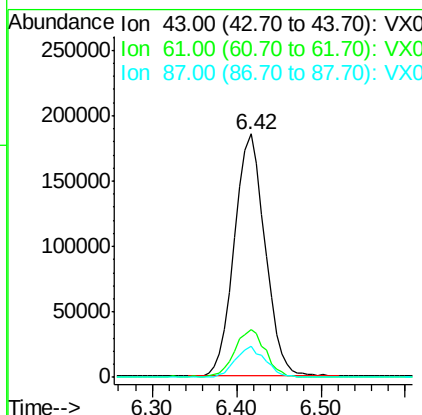
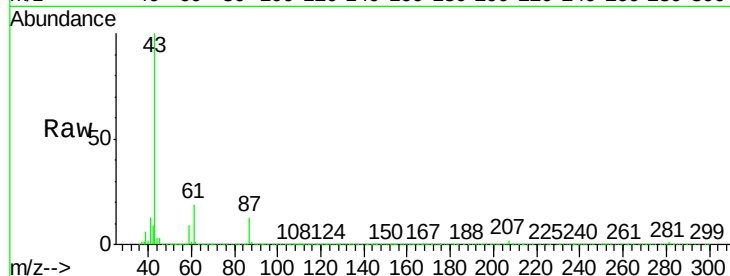
ClientSampleId :

VX0423WBS02

Tot Ion:	43	Resp:	453517
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.4	23.2
87	12.4	9.8	14.6

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#44

Trichloroethene

Concen: 19.668 ug/l

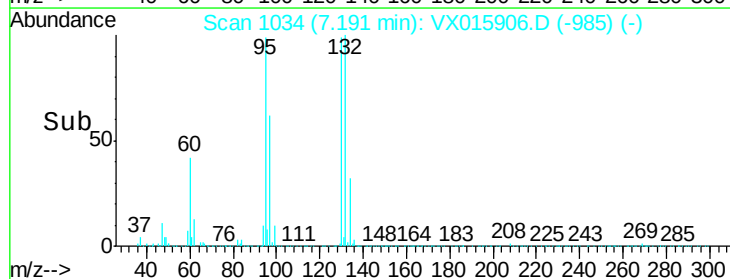
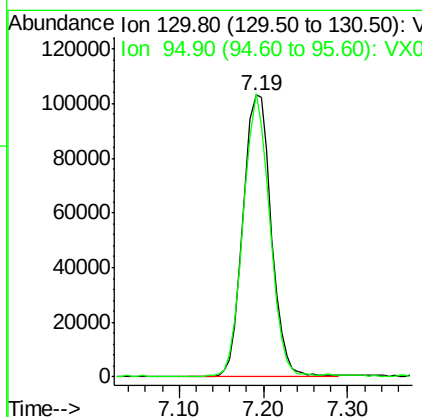
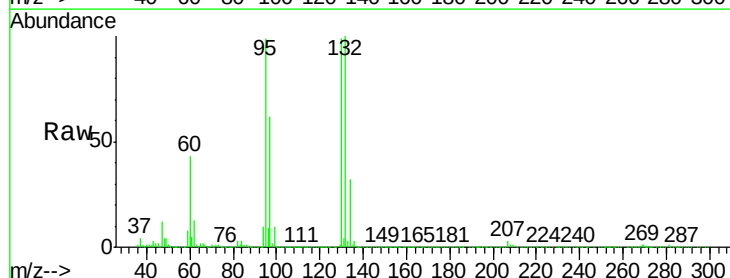
RT: 7.19 min Scan# 1034

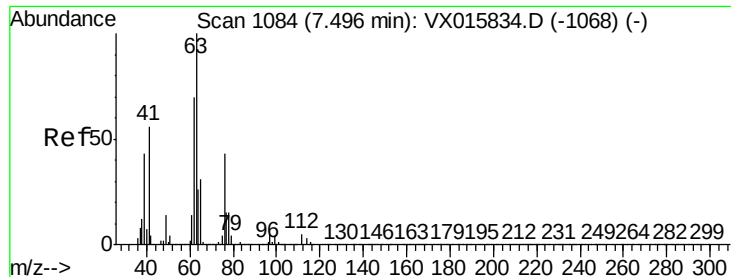
Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion:	130	Resp:	232477
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	195.8





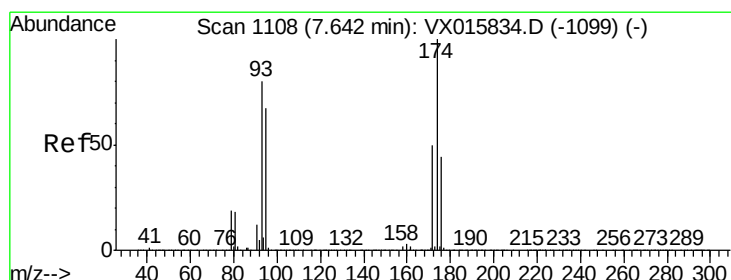
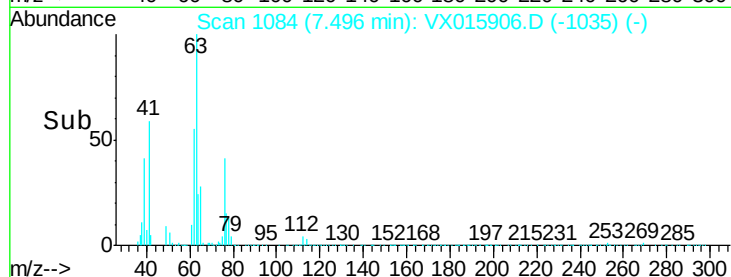
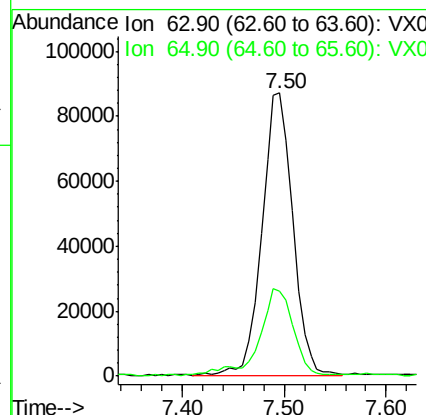
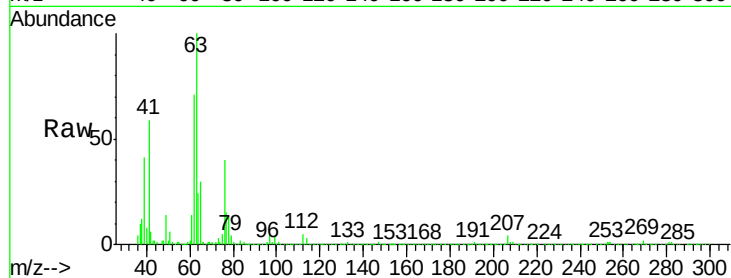
#45
 1,2-Dichloropropane
 Concen: 20.700 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.5	36.7

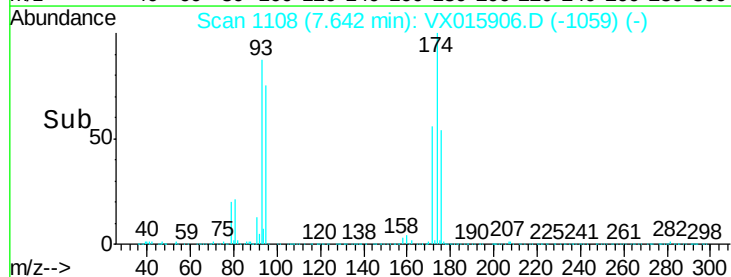
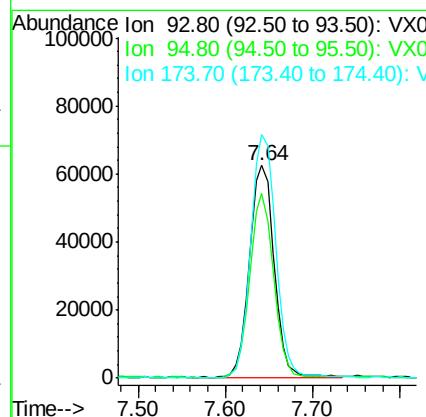
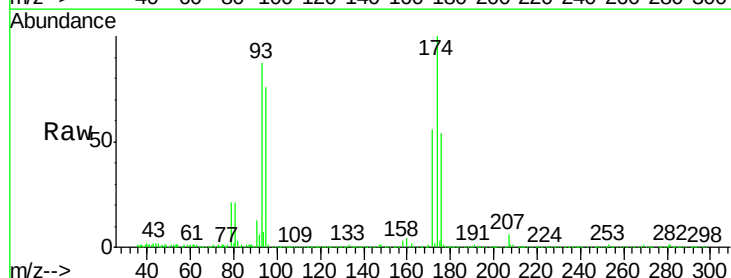
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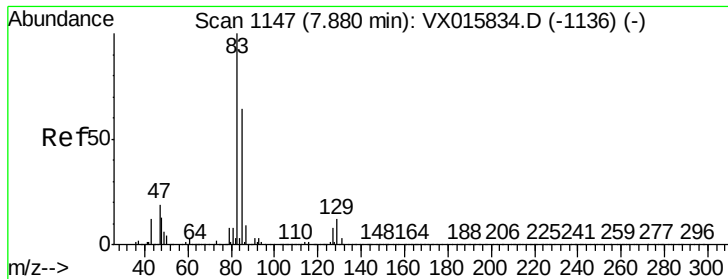
MMDadoda
 4/24/2020 11:35:15 AM



#46
 Dibromomethane
 Concen: 19.040 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.8	98.8
174	117.0	95.6	143.4





#47

Bromodichloromethane

Concen: 21.077 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

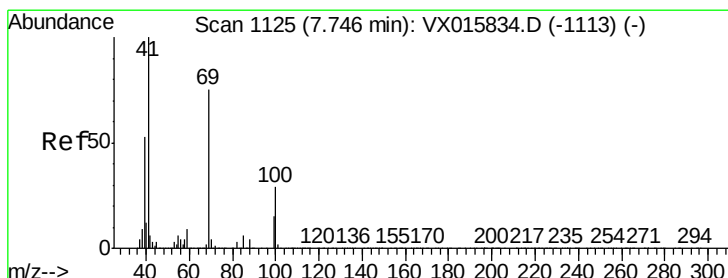
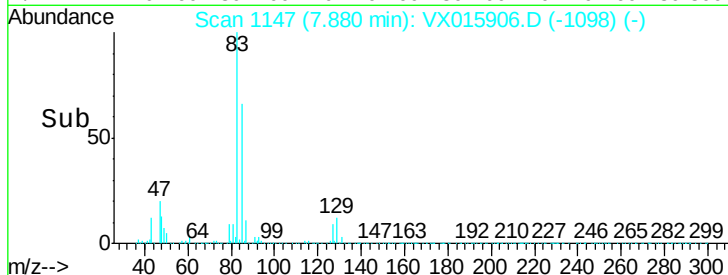
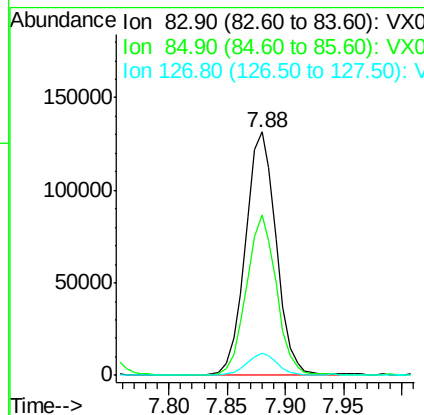
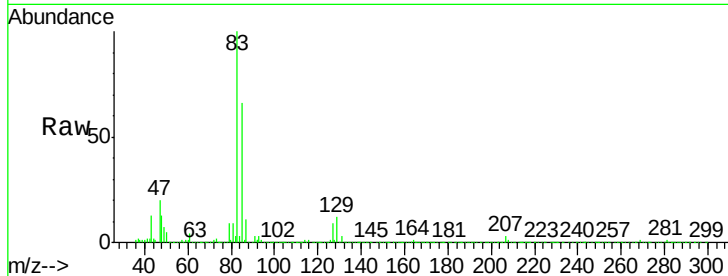
ClientSampleId :

VX0423WBS02

Tot Ion:	83	Resp:	241261
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.8	76.2
127	8.9	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.336 ug/l

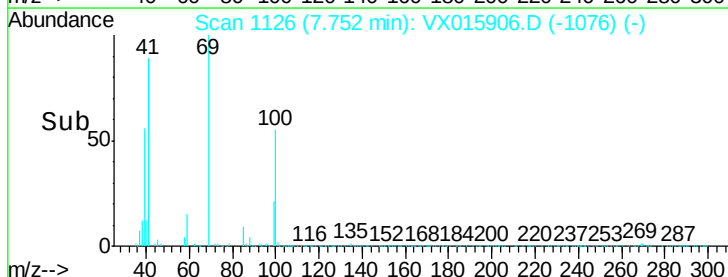
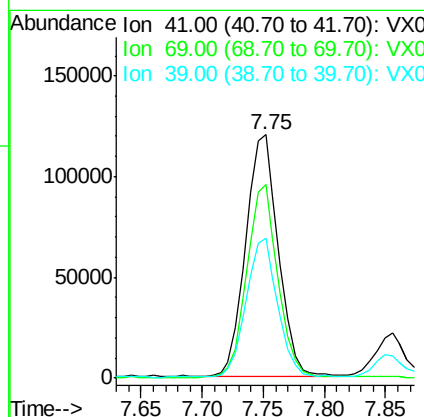
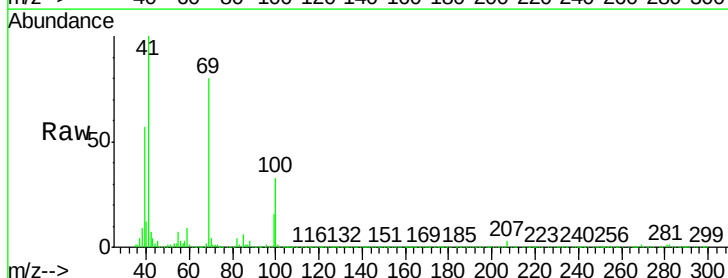
RT: 7.75 min Scan# 1126

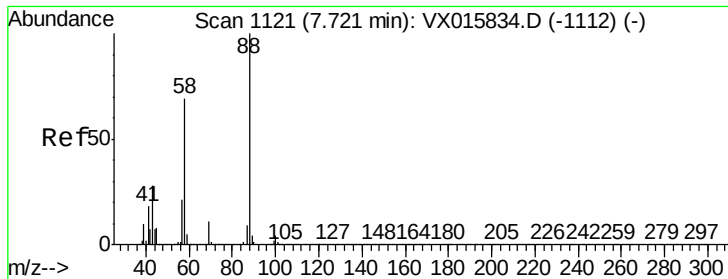
Delta R.T. 0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion:	41	Resp:	224257
Ion Ratio	Lower	Upper	
41	100		
69	76.4	60.5	90.7
39	54.5	42.1	63.1





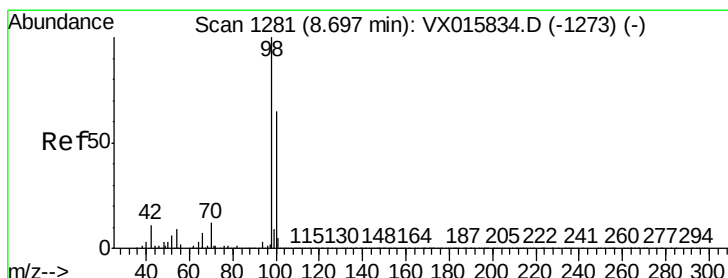
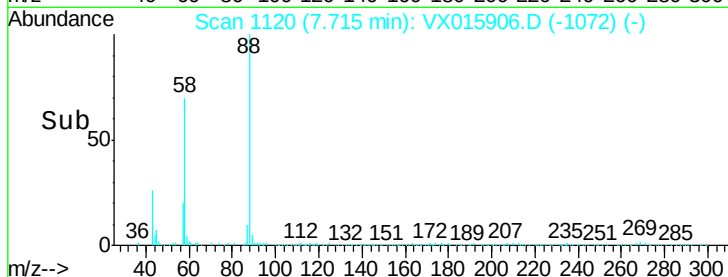
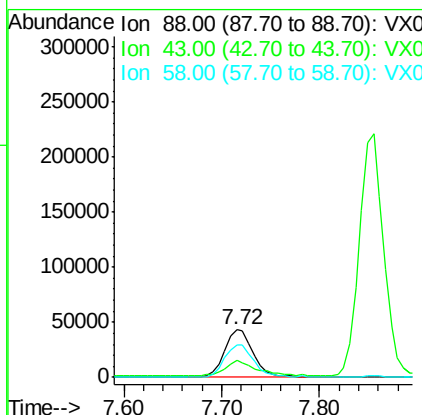
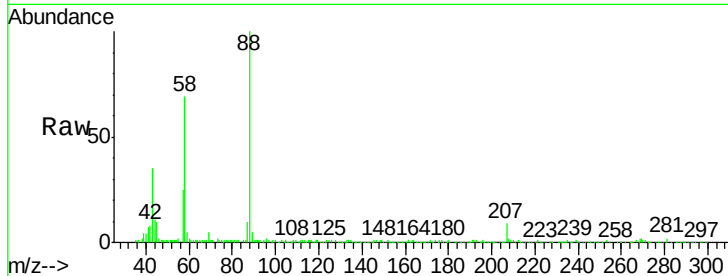
#49
1,4-Dioxane
Concen: 412.818 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.2	42.4
58	72.2	58.9	88.3

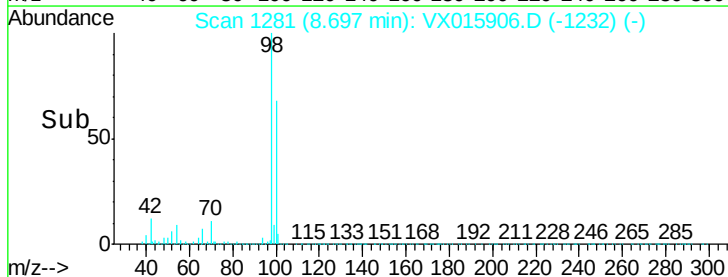
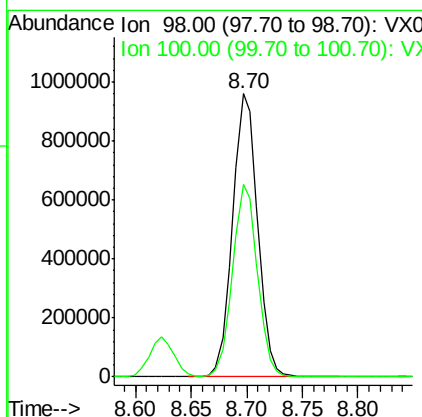
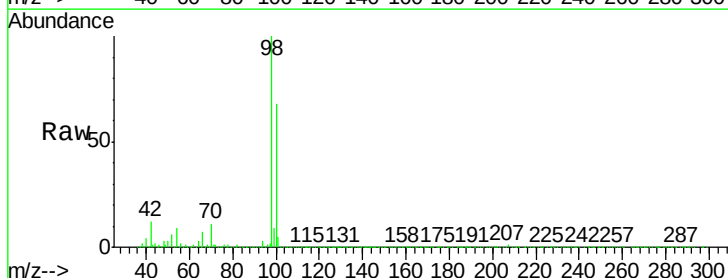
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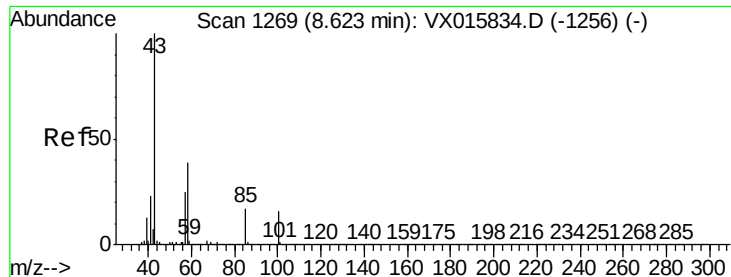
MMDadoda
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#50
Toluene-d8
Concen: 51.073 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.8	80.6





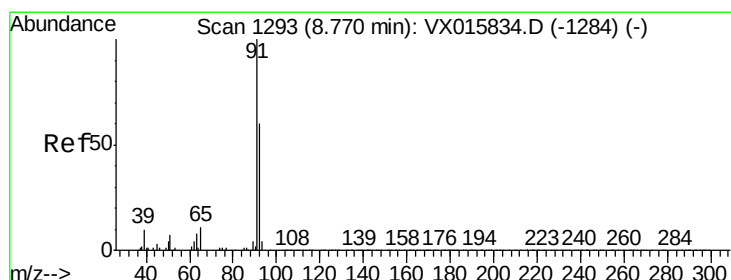
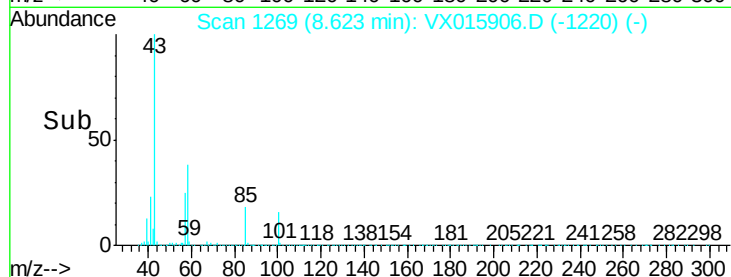
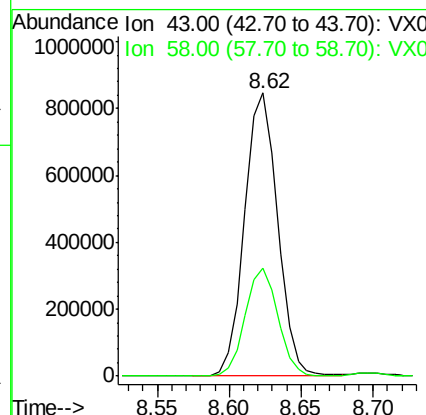
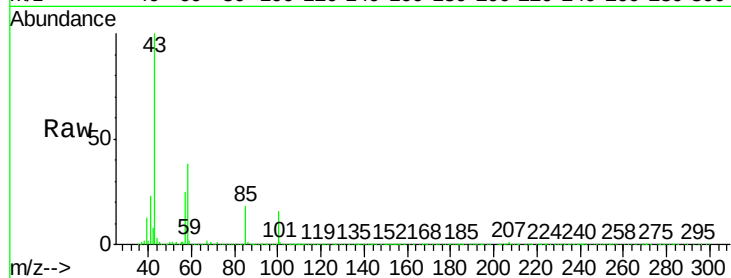
#51
4-Methyl-2-Pentanone
Concen: 104.145 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion: 43 Resp: 1347680
Ion Ratio Lower Upper
43 100
58 37.7 30.6 45.8

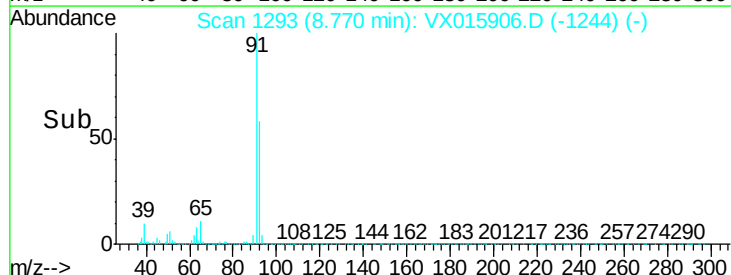
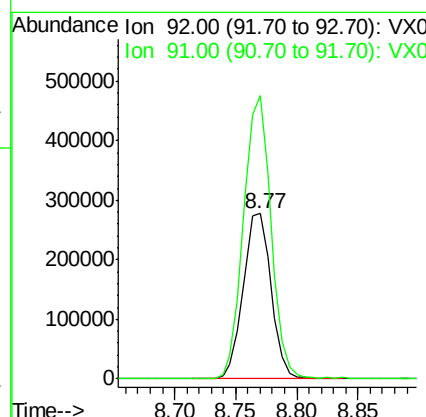
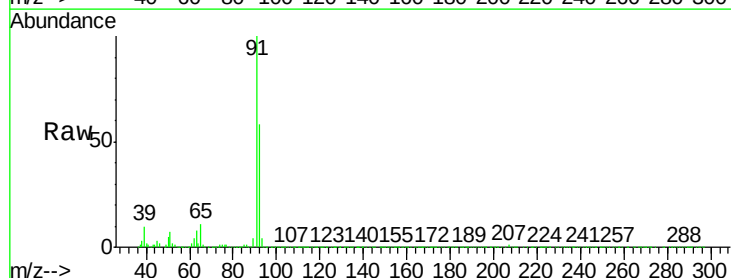
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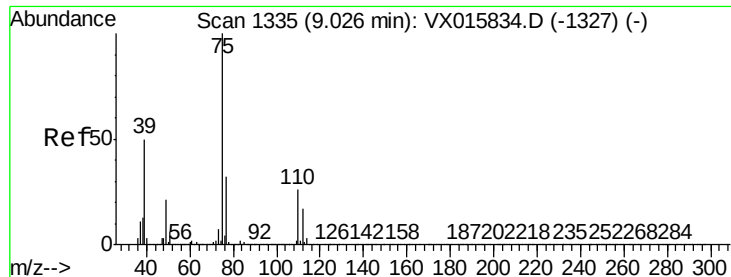
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#52
Toluene
Concen: 20.296 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion: 92 Resp: 437558
Ion Ratio Lower Upper
92 100
91 169.4 133.4 200.0





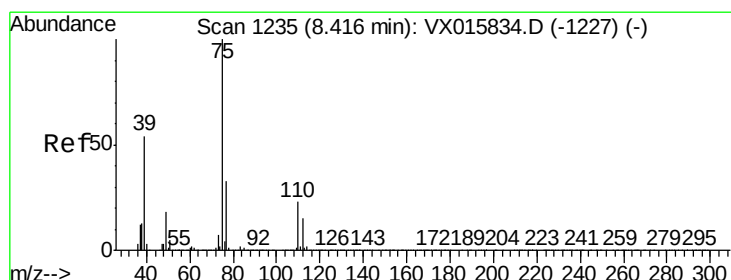
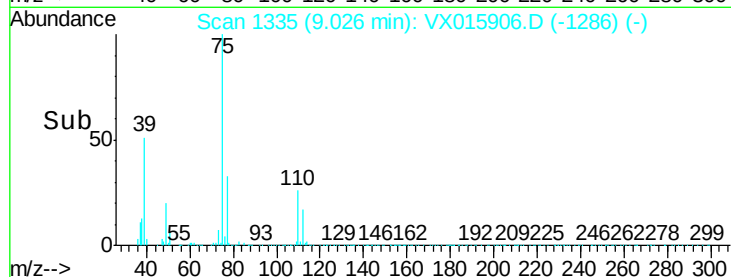
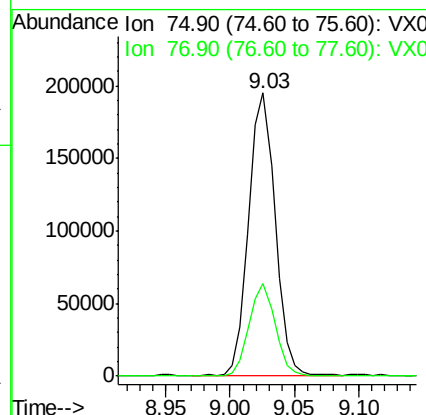
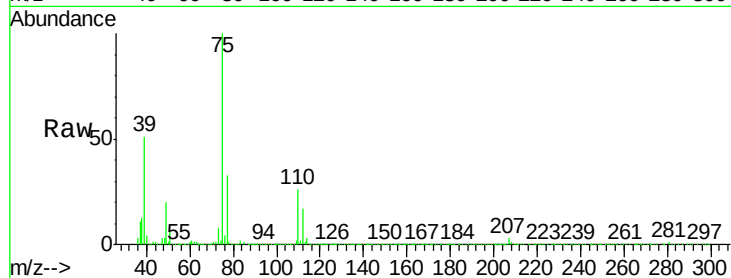
#53
t-1,3-Dichloropropene
Concen: 19.408 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.9	38.9

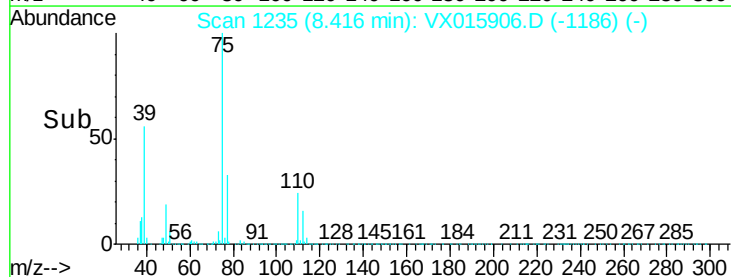
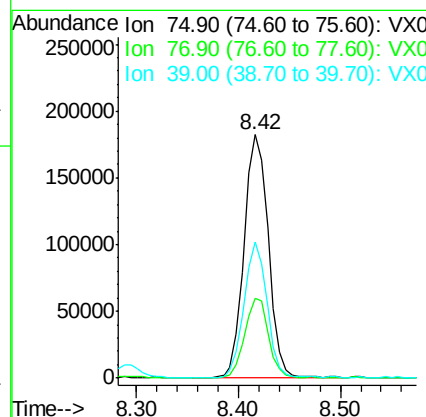
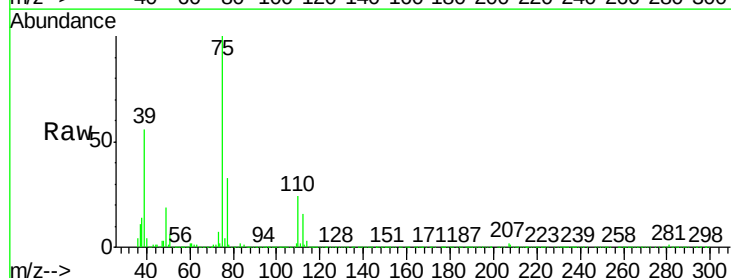
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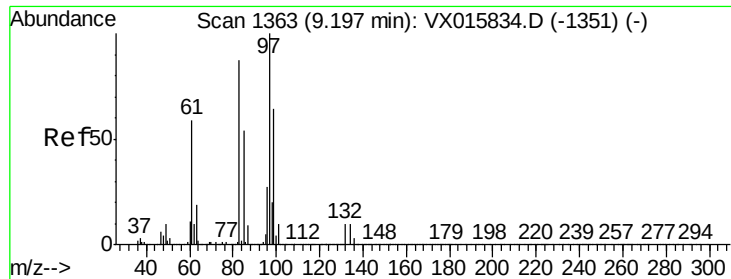
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#54
cis-1,3-Dichloropropene
Concen: 19.852 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.0	39.0
39	55.4	42.8	64.2





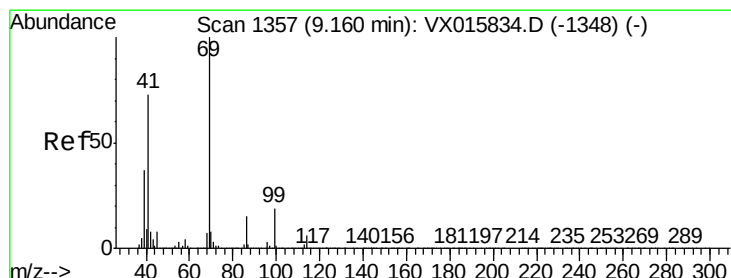
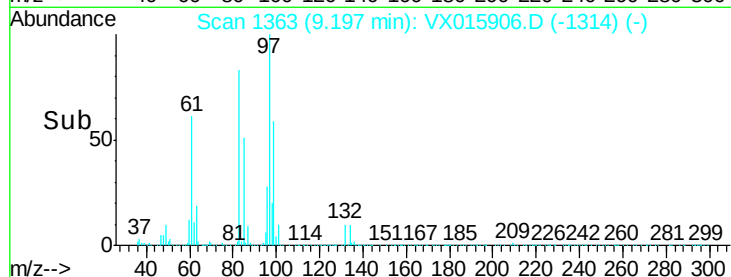
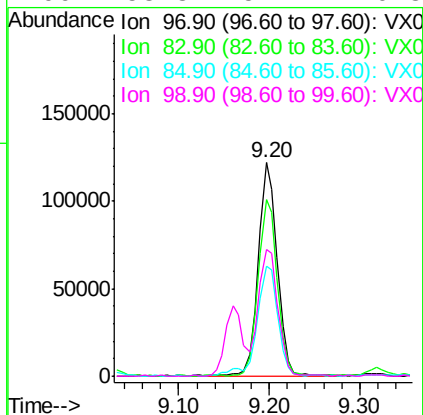
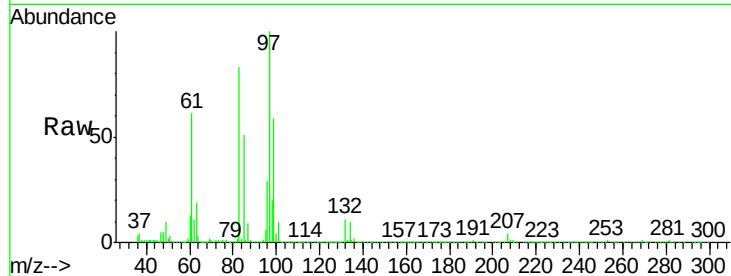
#55
 1,1,2-Trichloroethane
 Concen: 21.181 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		178311		
83	82.6	69.8	104.8		
85	51.1	43.4	65.2		
99	58.8	51.2	76.8		

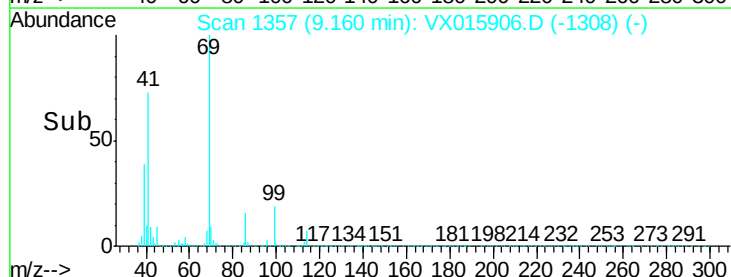
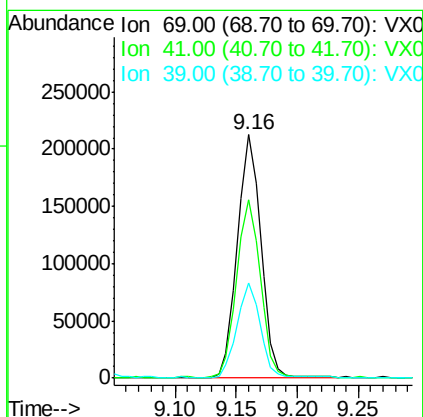
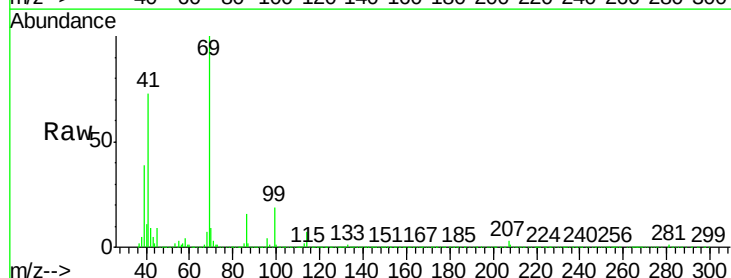
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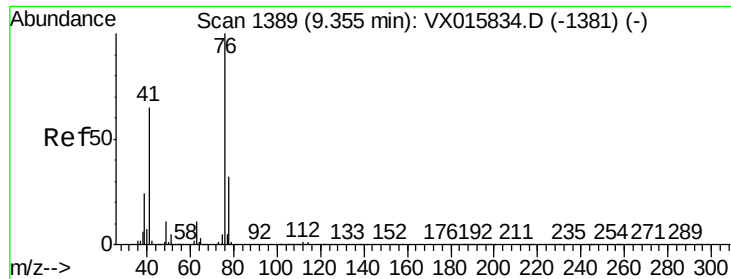
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#56
 Ethyl methacrylate
 Concen: 19.978 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		284876		
41	73.1	57.4	86.2		
39	38.0	29.7	44.5		





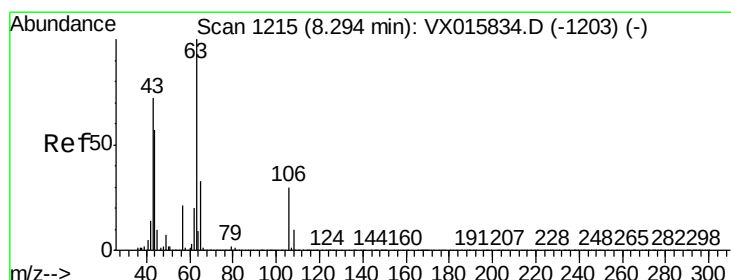
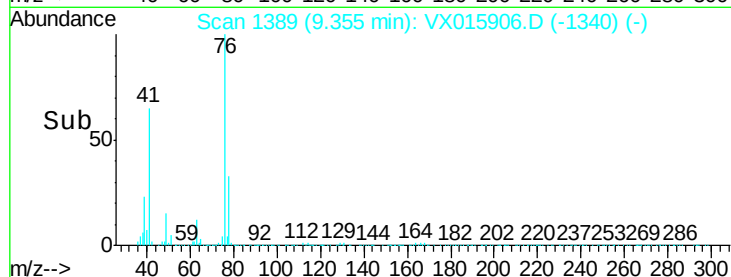
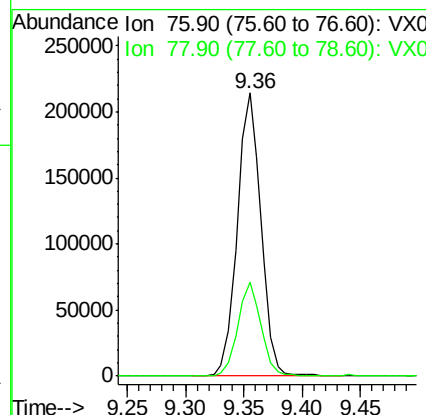
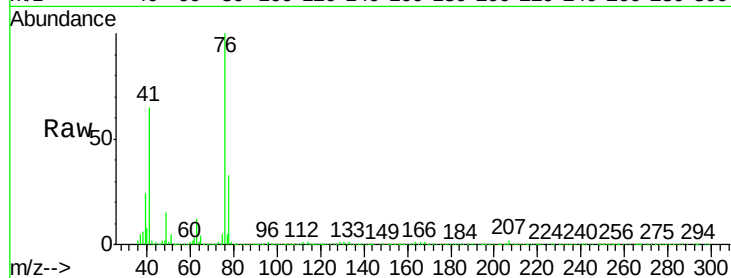
#57
 1,3-Dichloropropane
 Concen: 20.789 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.4	38.2

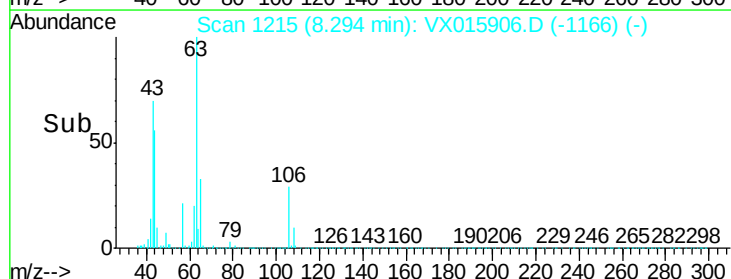
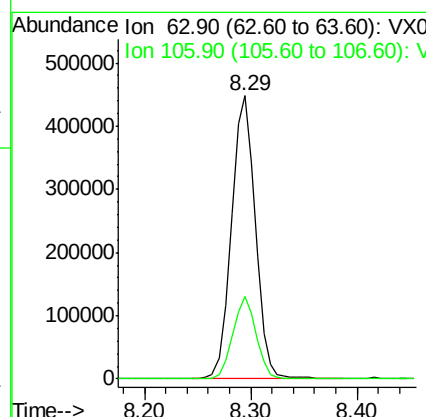
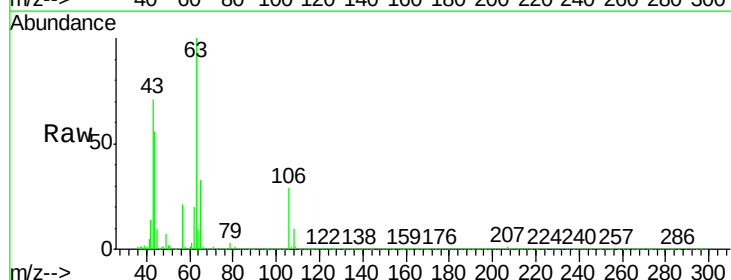
Manual Integrations
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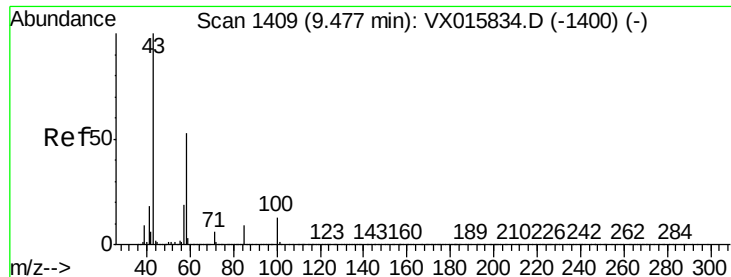
MMDadoda
 4/24/2020 11:35:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.924 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.8	35.8





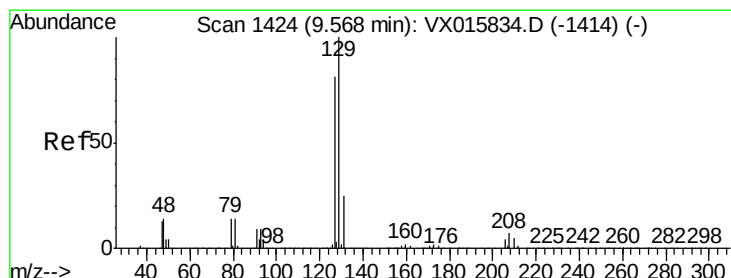
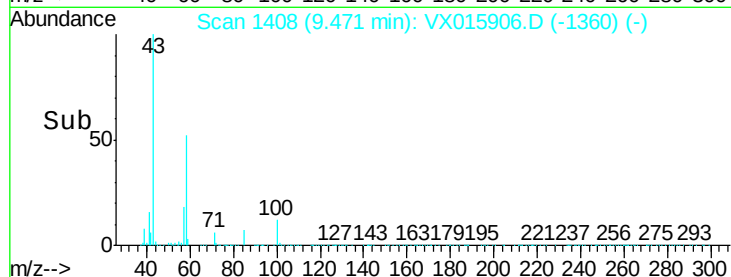
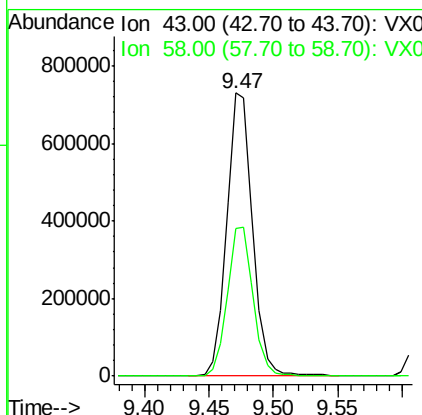
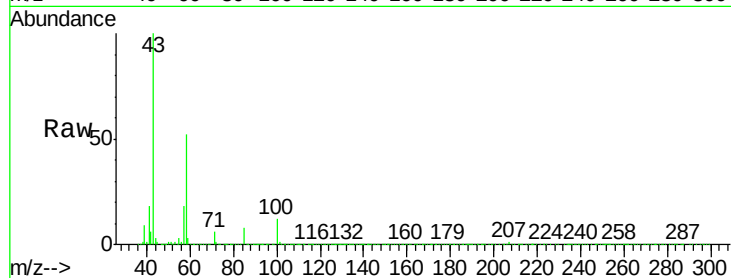
#59
2-Hexanone
Concen: 103.601 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion: 43 Resp: 1021316
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.4

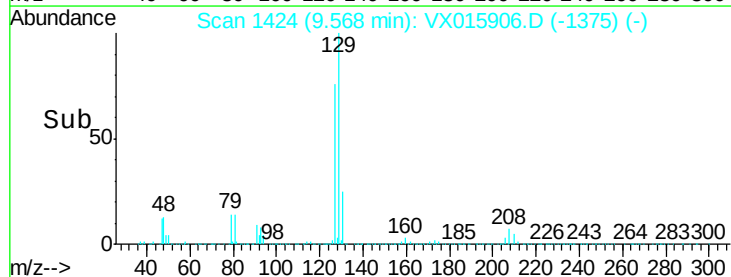
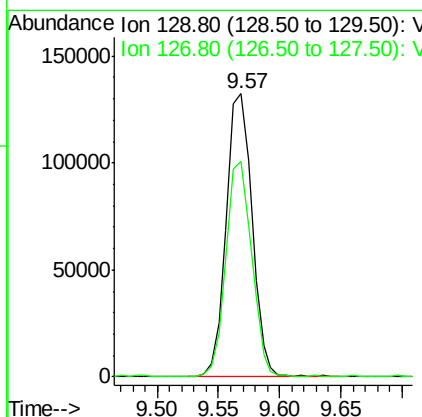
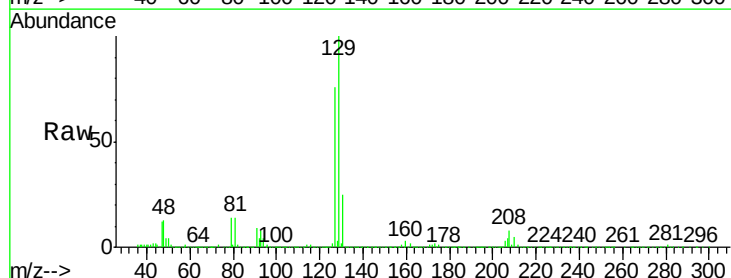
Manual Integrations
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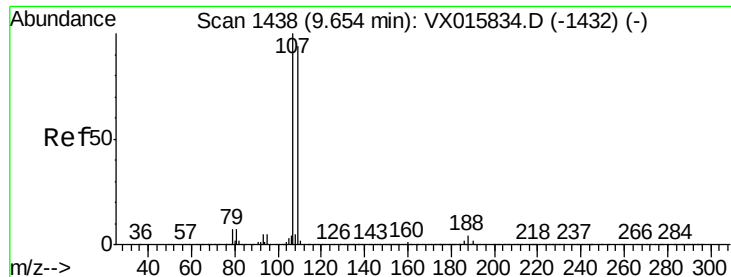
MMDadoda
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#60
Dibromochloromethane
Concen: 22.367 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion: 129 Resp: 194448
Ion Ratio Lower Upper
129 100
127 75.4 40.0 120.0





#61

1,2-Dibromoethane

Concen: 20.270 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion: 107 Resp: 188595

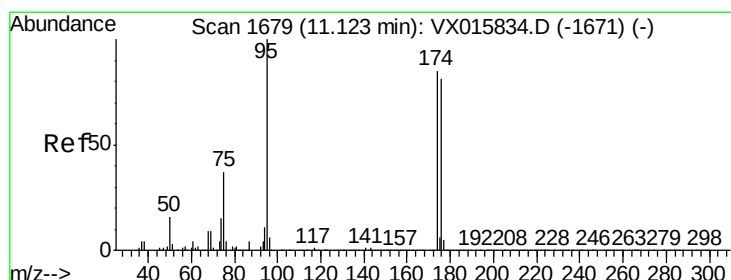
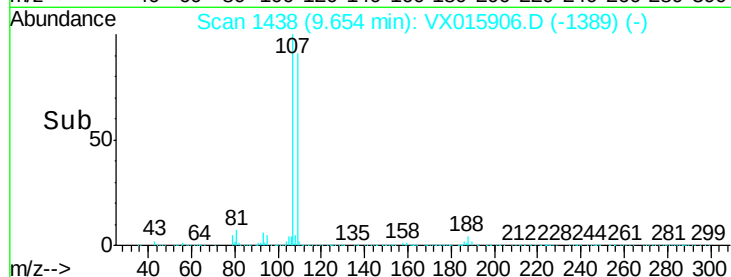
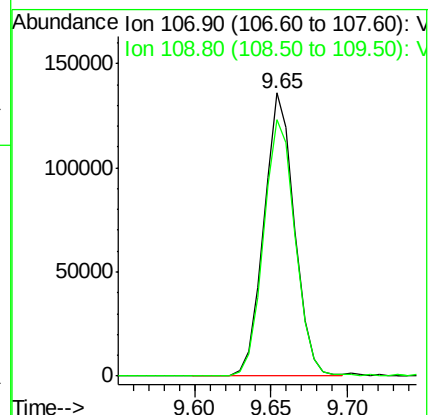
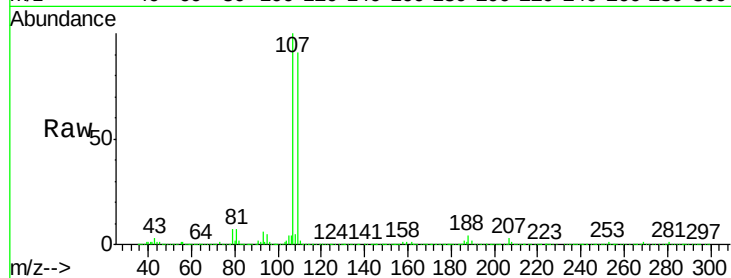
Ion Ratio Lower Upper

107 100

109 94.0 75.4 113.0

Manual Integrations
APPROVED

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4/24/2020 11:35:15 AM



#62

4-Bromofluorobenzene

Concen: 49.472 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

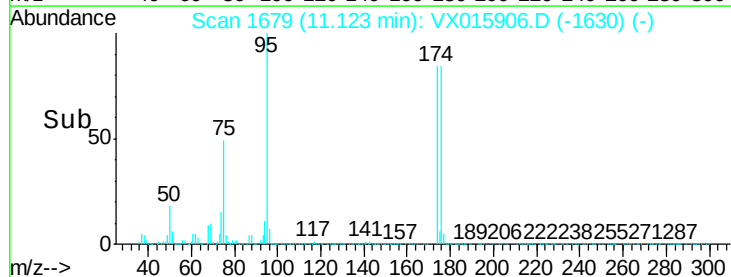
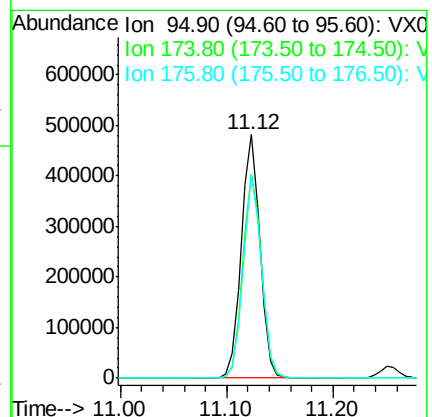
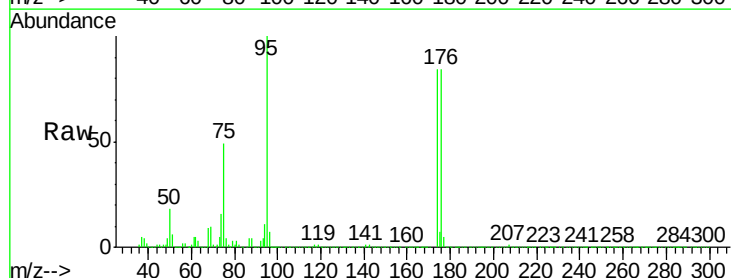
Tgt Ion: 95 Resp: 594056

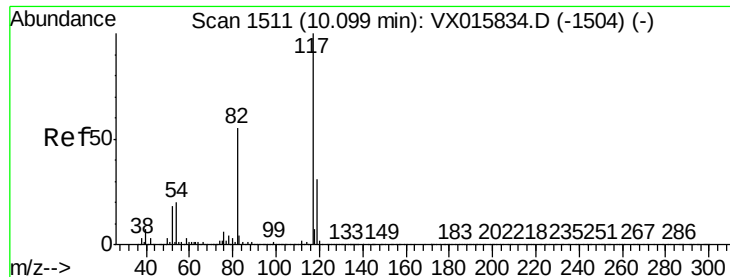
Ion Ratio Lower Upper

95 100

174 84.8 0.0 172.4

176 82.1 0.0 167.0





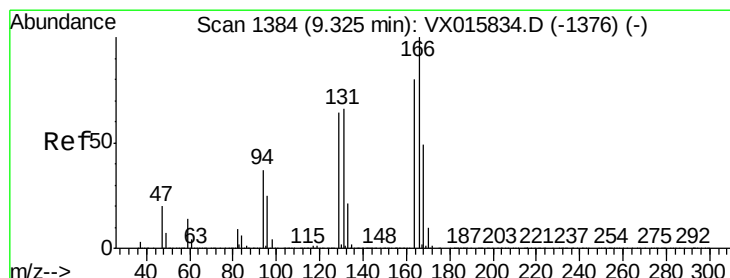
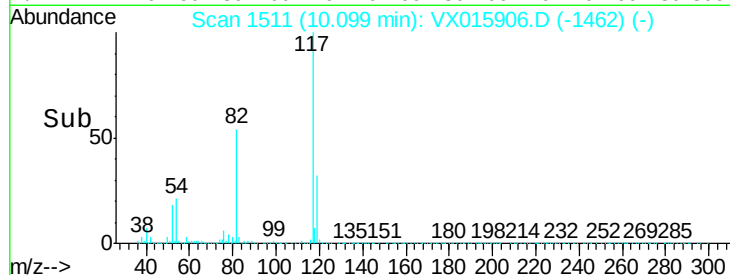
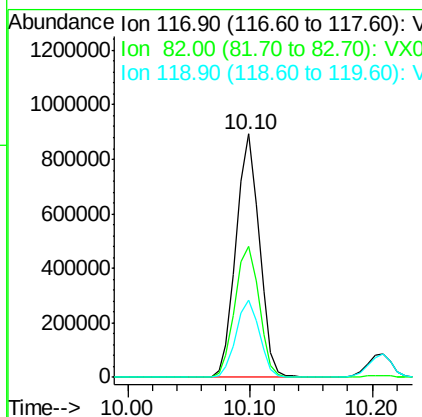
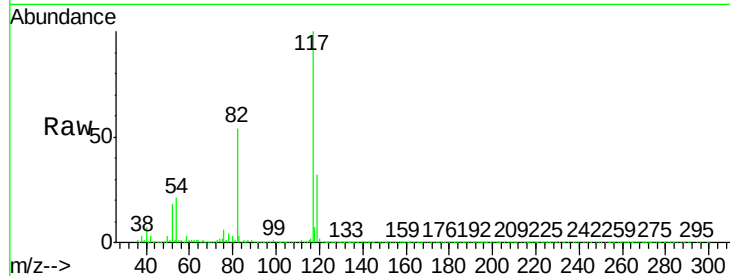
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.9	65.9
119	31.7	25.1	37.7

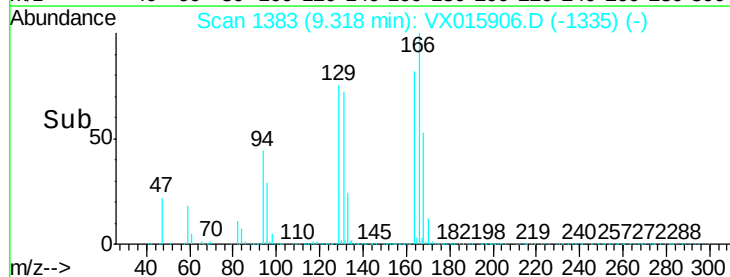
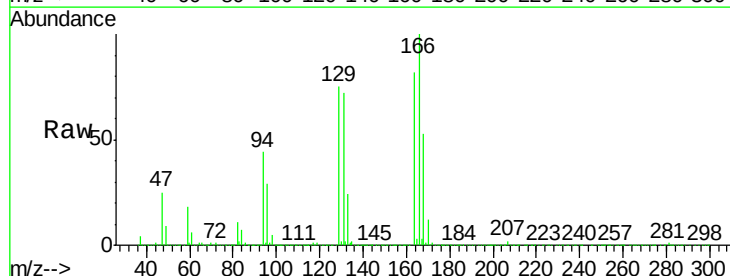
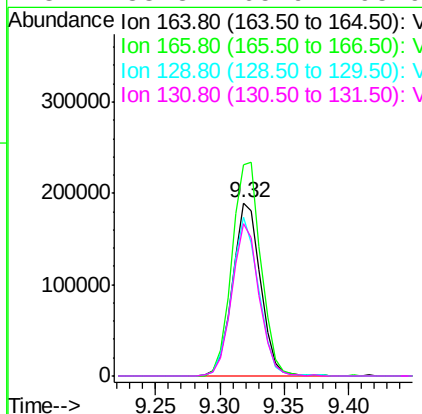
Manual Integrations
APPROVED

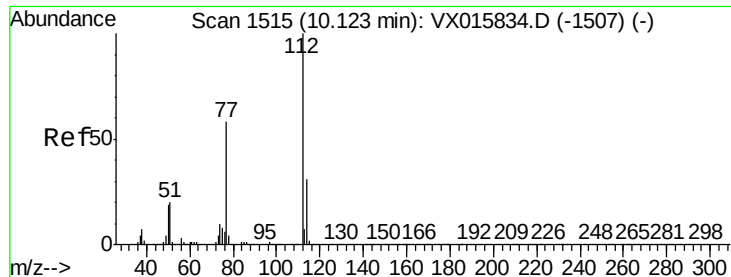
MMDadoda
4/24/2020 11:35:15 AM



#64
Tetrachloroethene
Concen: 18.020 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	100.2	150.2
129	91.3	64.5	96.7
131	88.3	65.9	98.9





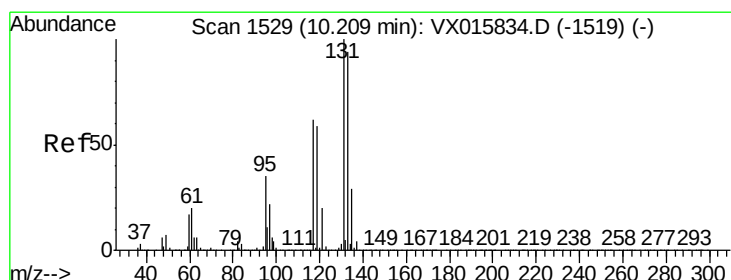
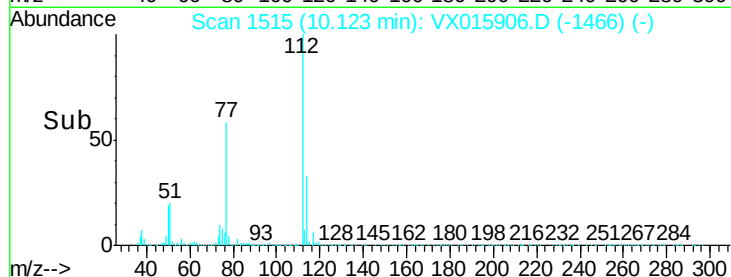
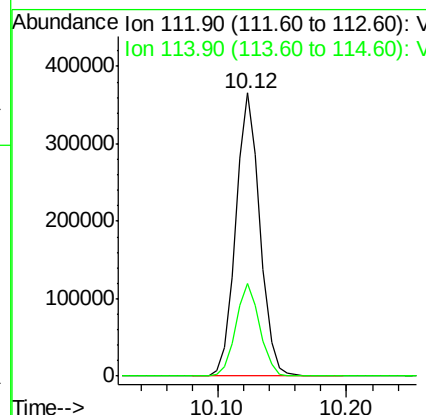
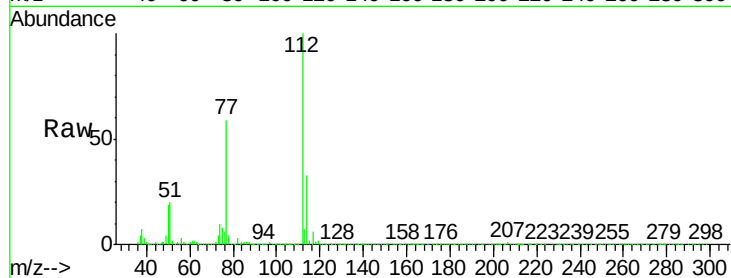
#65
Chlorobenzene
Concen: 20.225 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.0	37.4

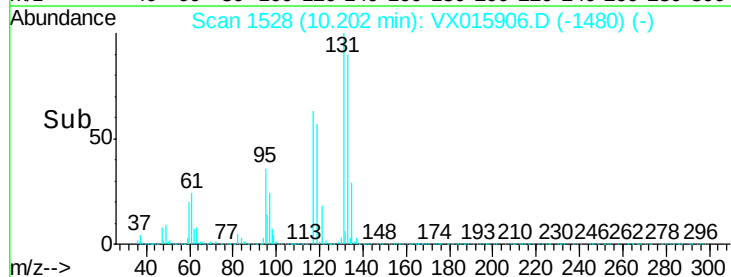
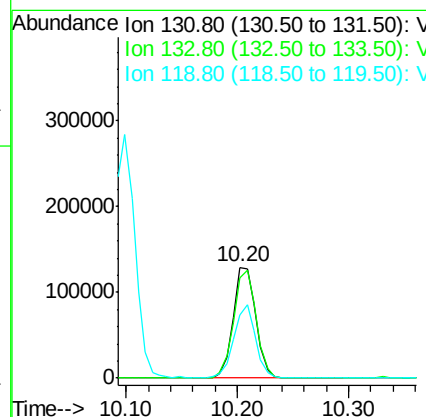
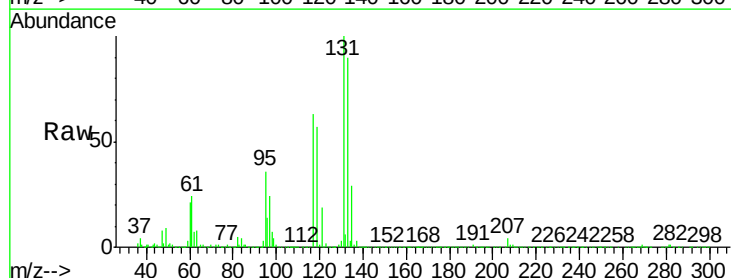
Manual Integrations
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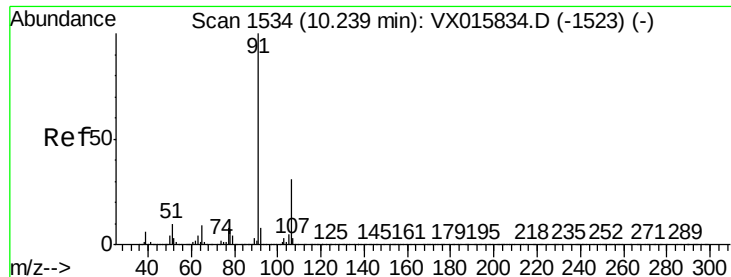
MMDadoda
4/24/2020 11:35:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.570 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.0	141.2
119	62.5	30.9	92.8





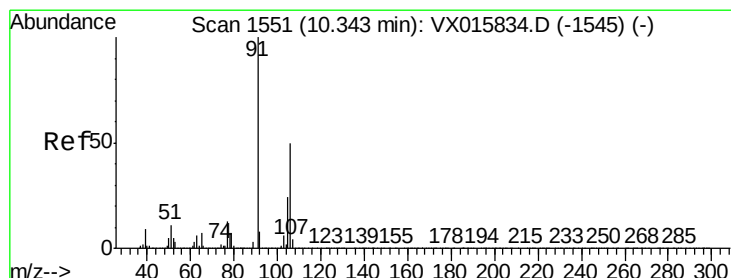
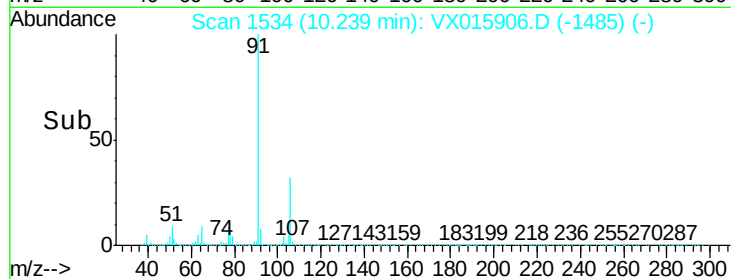
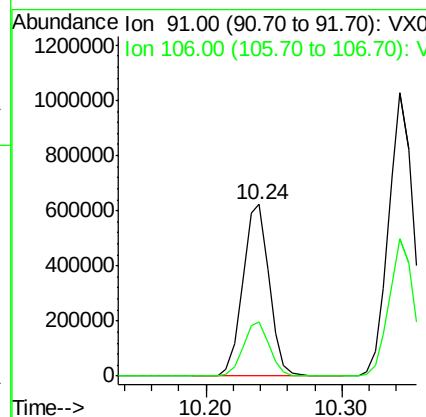
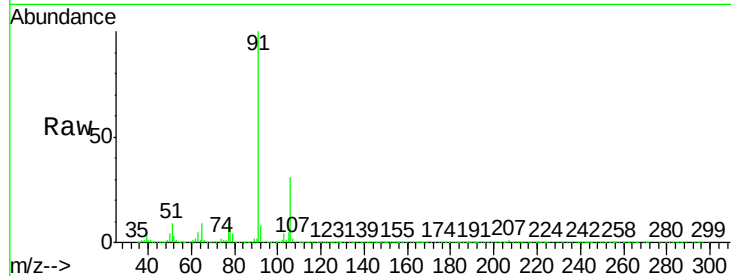
#67
Ethyl Benzene
Concen: 20.214 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion: 91 Resp: 838301
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4

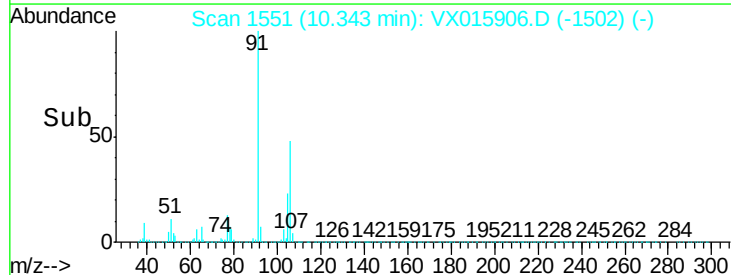
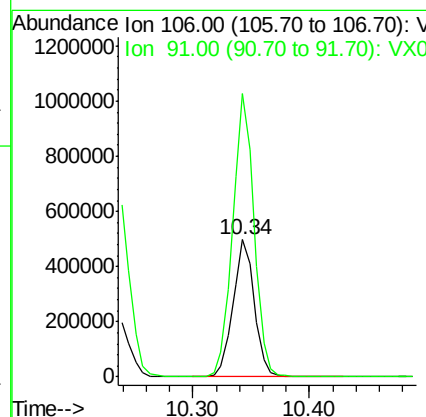
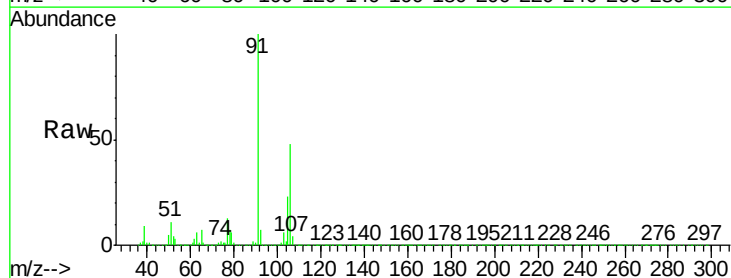
Manual Integrations
APPROVED

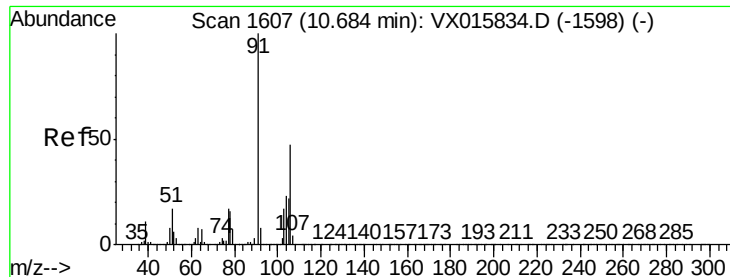
MMDadoda
4/24/2020 11:35:15 AM



#68
m/p-Xylenes
Concen: 40.714 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion: 106 Resp: 633750
Ion Ratio Lower Upper
106 100
91 206.5 161.1 241.7





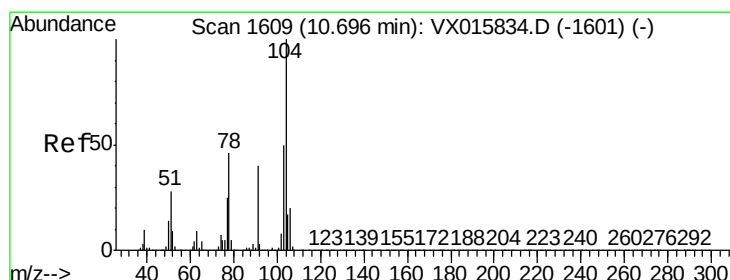
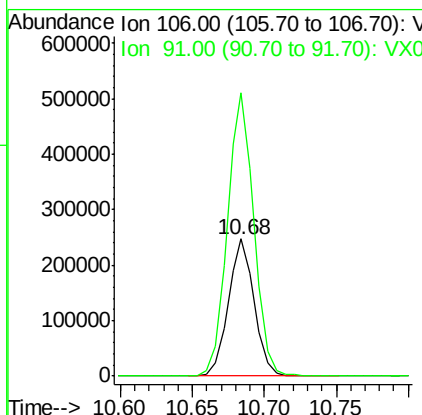
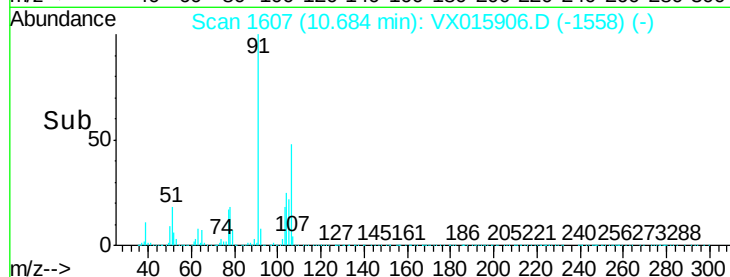
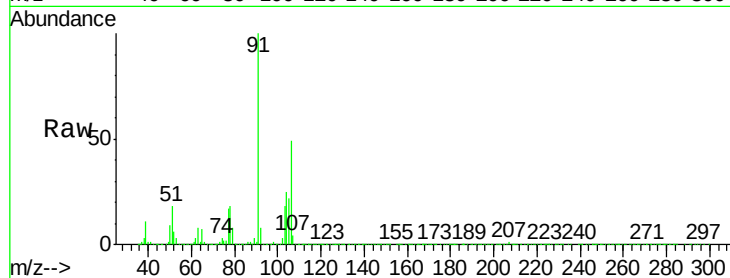
#69
o-Xylene
Concen: 20.220 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	107.1	321.3

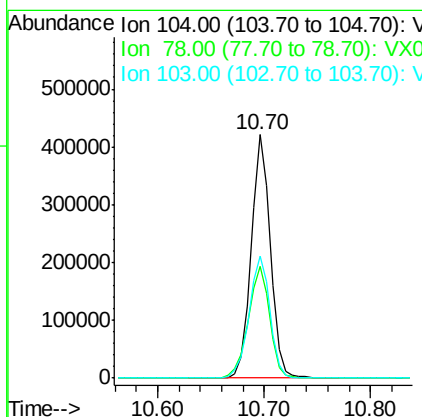
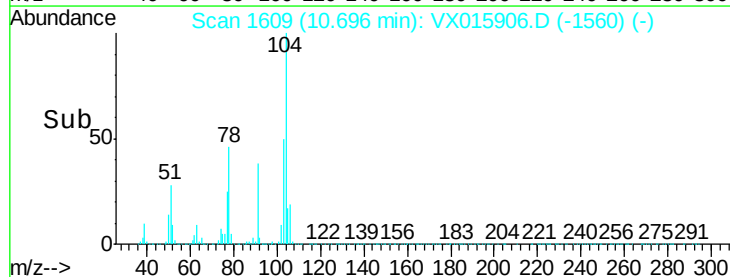
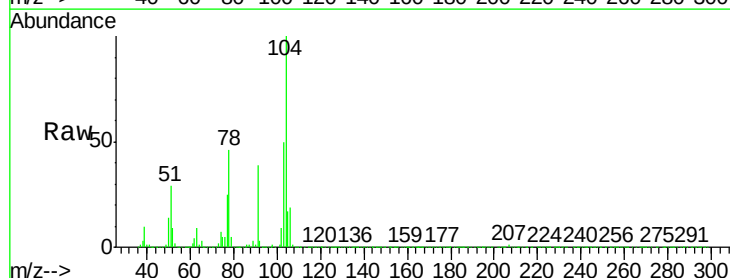
Manual Integrations
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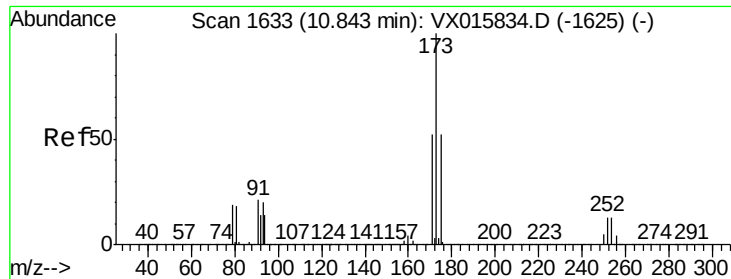
MMDadoda
4/24/2020 11:35:15 AM



#70
Styrene
Concen: 19.999 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	40.1	60.1
103	55.0	43.3	64.9





#71

Bromoform

Concen: 24.726 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion:173 Resp: 142228

Ion Ratio Lower Upper

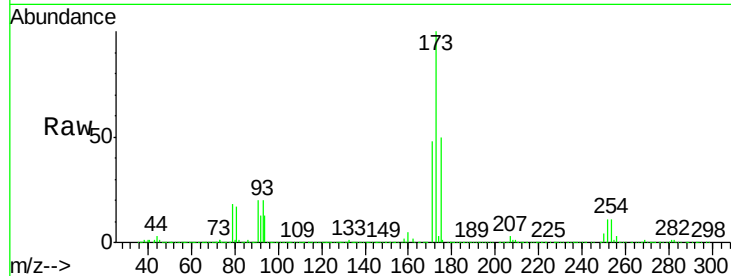
173 100

175 50.4 25.1 75.4

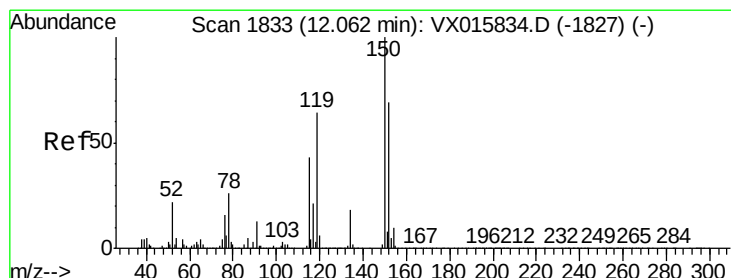
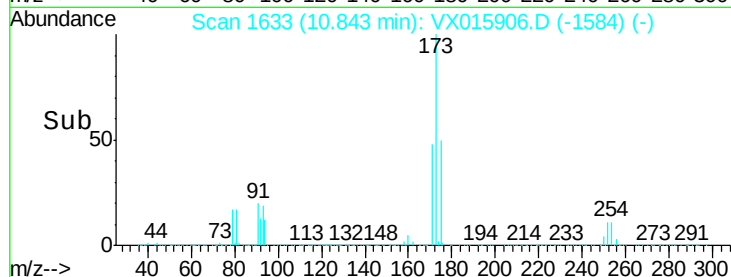
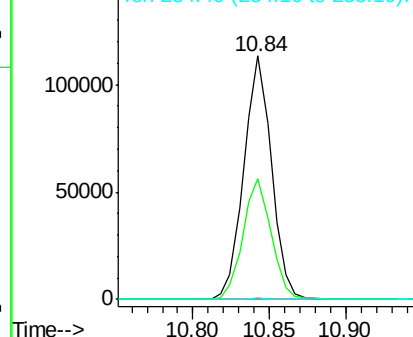
254 0.6 0.3 0.5#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

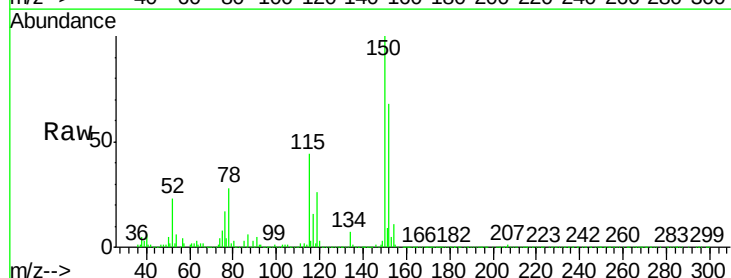
Tgt Ion:152 Resp: 618933

Ion Ratio Lower Upper

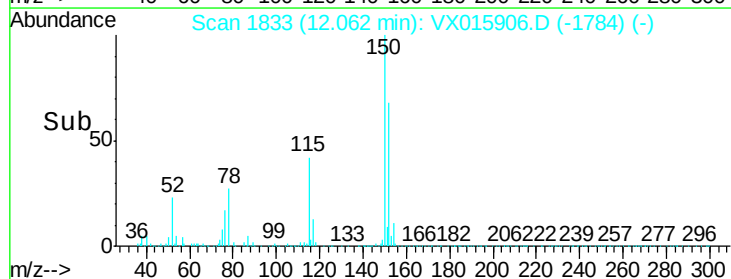
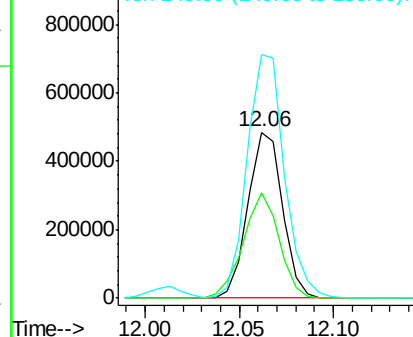
152 100

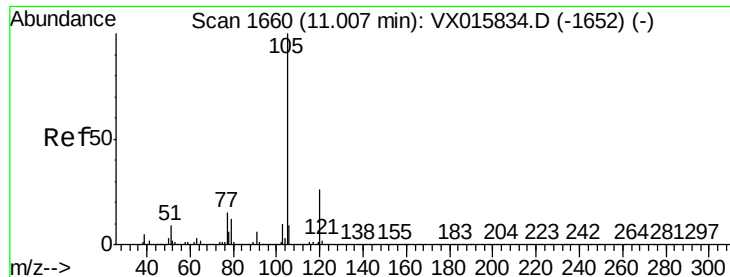
115 65.8 39.0 116.9

150 158.2 0.0 336.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.248 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion:105 Resp: 835225

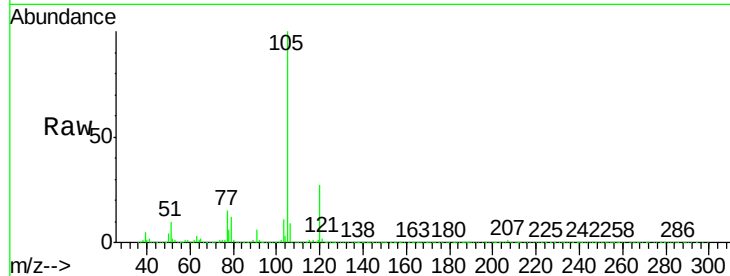
Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1

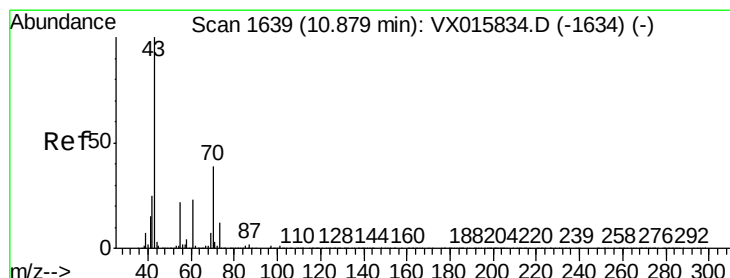
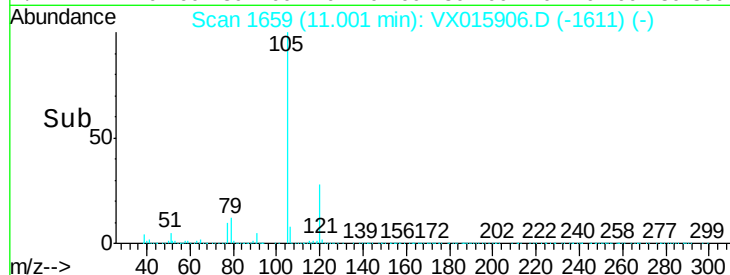
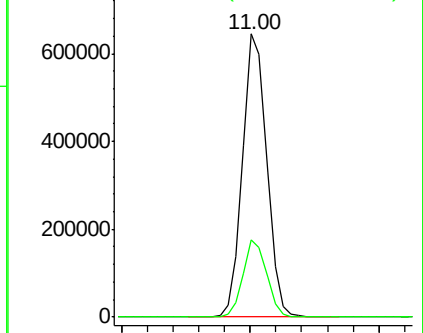
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.093 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion: 43 Resp: 407739

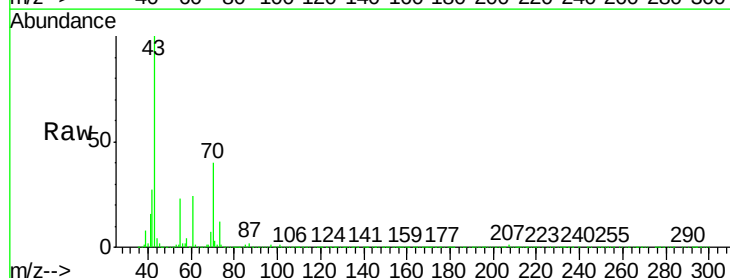
Ion Ratio Lower Upper

43 100

70 40.9 32.6 49.0

55 23.0 18.3 27.5

61 23.6 18.7 28.1

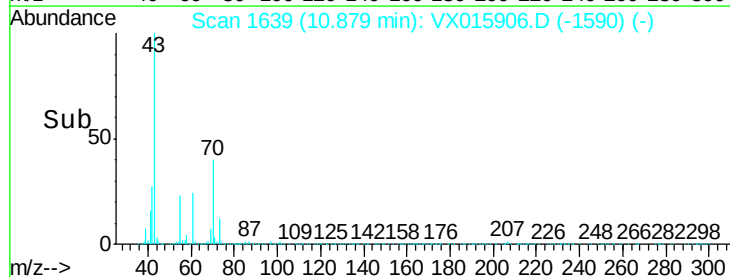
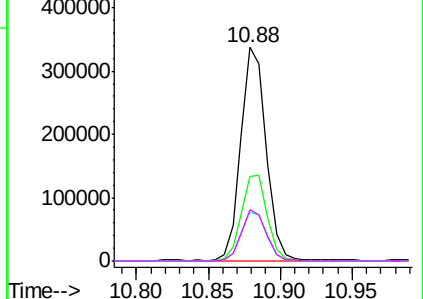


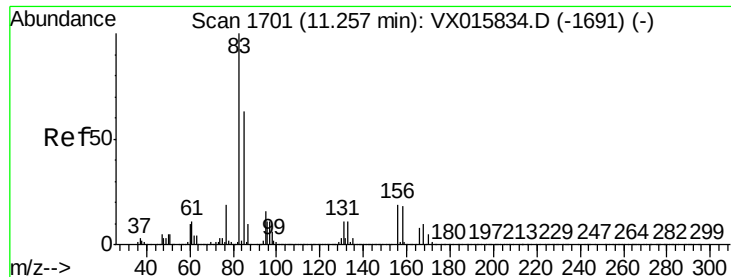
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.195 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

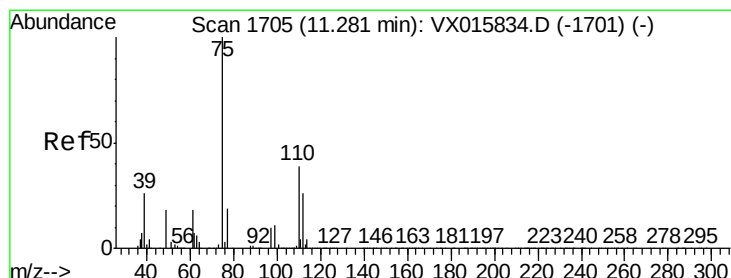
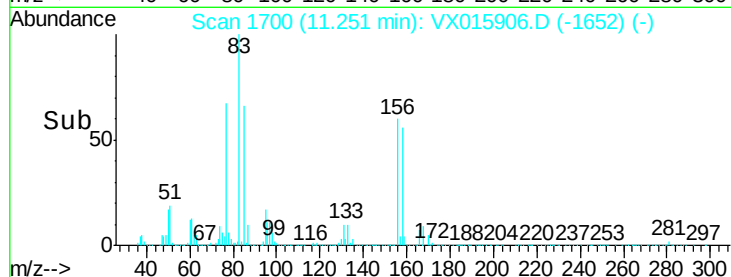
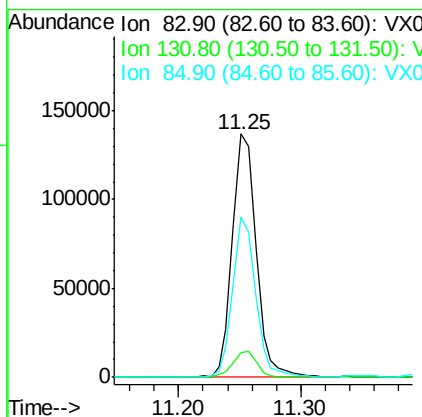
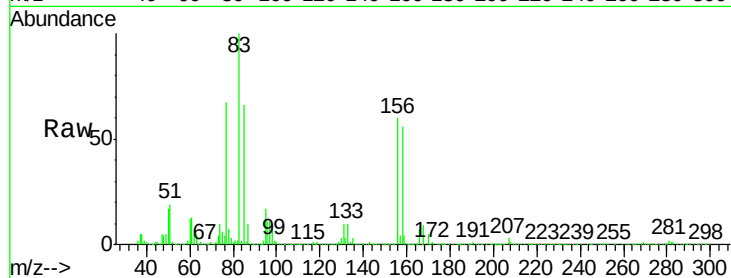
ClientSampleId :

VX0423WBS02

Tot Ion:	83	Resp:	184639
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	63.1	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.381 ug/l m

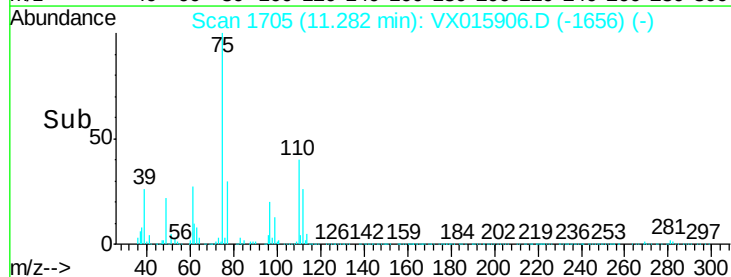
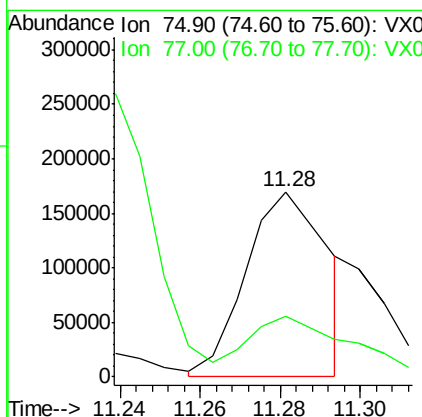
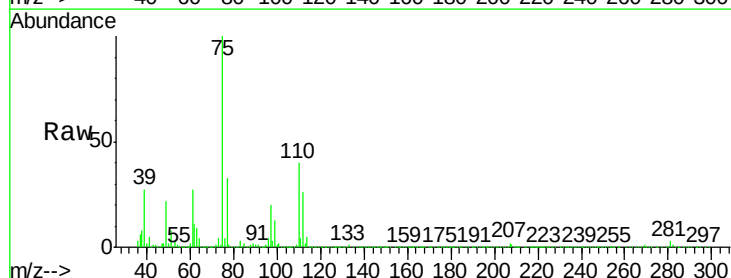
RT: 11.28 min Scan# 1705

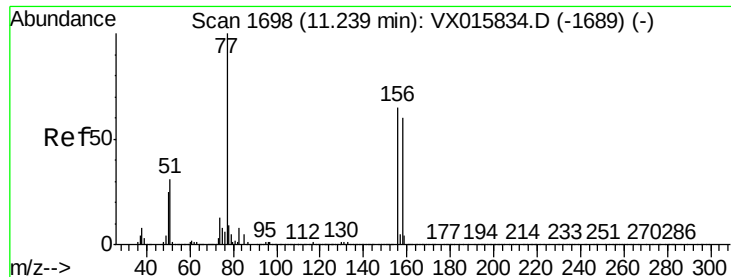
Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion:	75	Resp:	239873
Ion Ratio	Lower	Upper	
75	100		
77	41.0	21.3	63.9





#77

Bromobenzene

Concen: 20.810 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

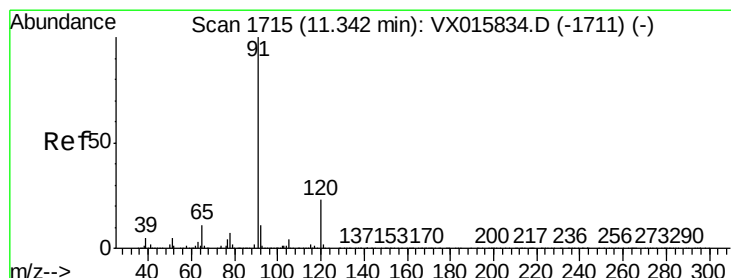
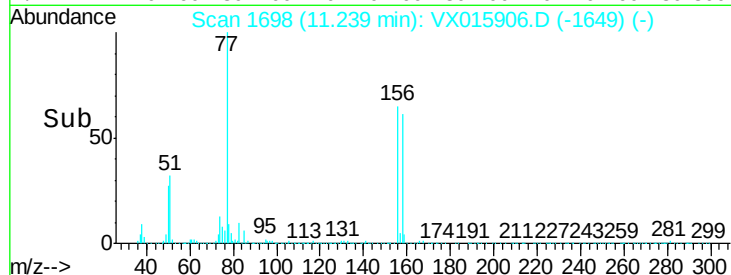
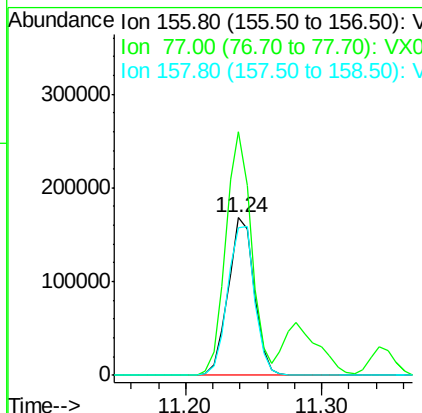
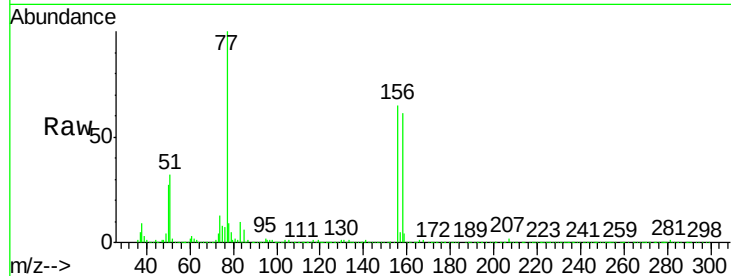
ClientSampleId :

VX0423WBS02

Tot Ion:	156	Resp:	223511
Ion Ratio	Lower	Upper	
156	100		
77	151.8	75.2	225.6
158	97.7	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.853 ug/l

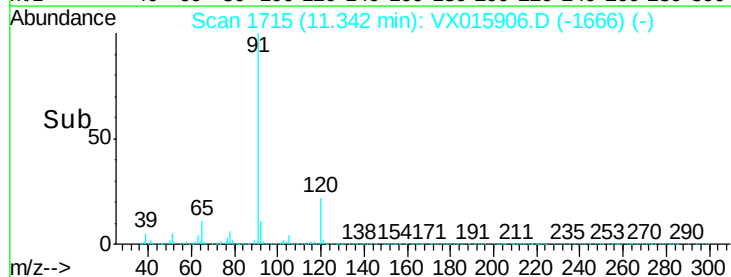
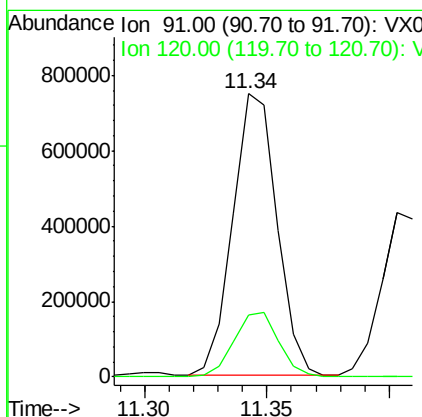
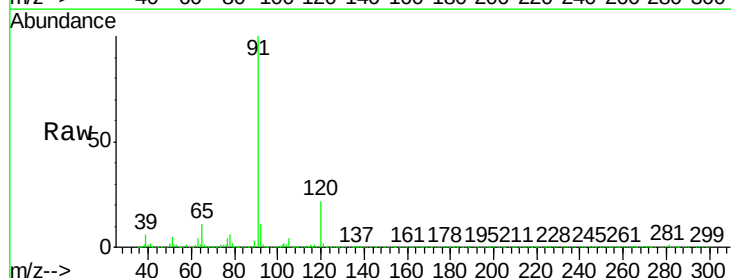
RT: 11.34 min Scan# 1715

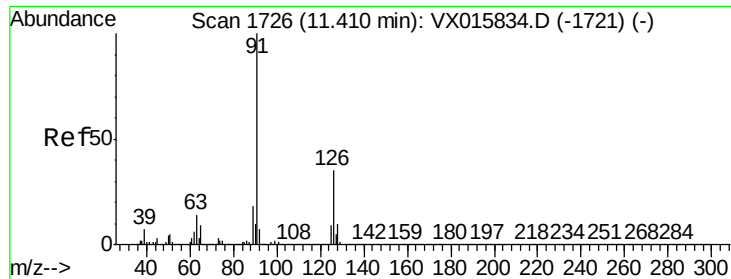
Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion:	91	Resp:	939006
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





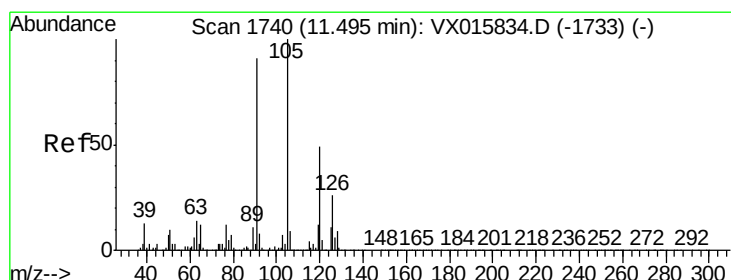
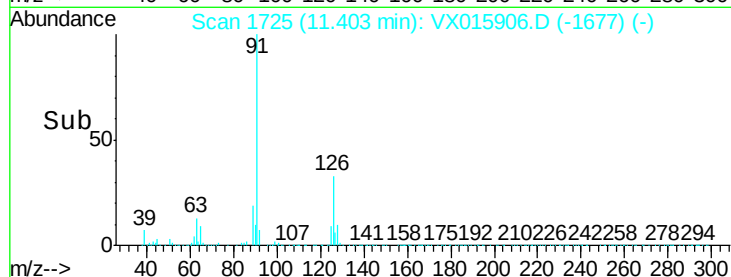
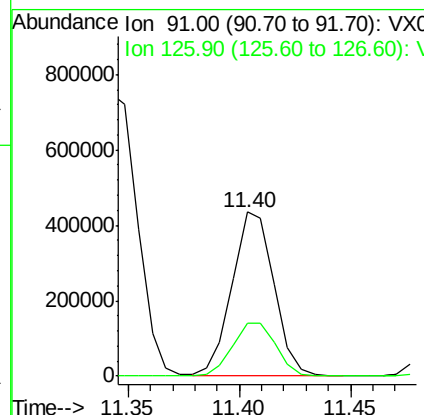
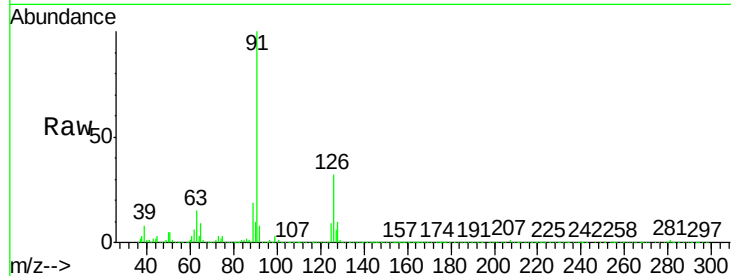
#79
2-Chlorotoluene
Concen: 20.941 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion: 91 Resp: 566423
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5

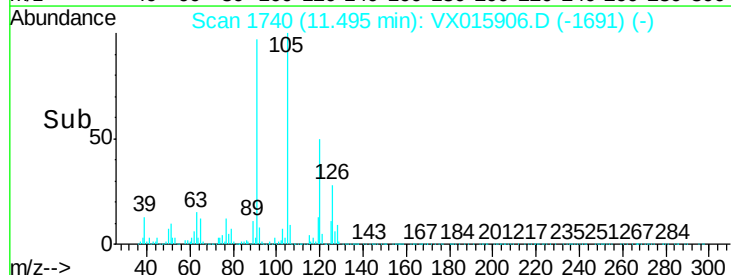
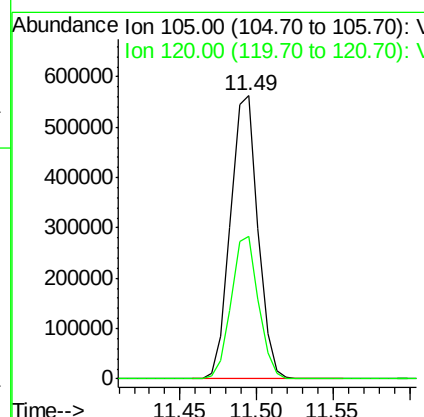
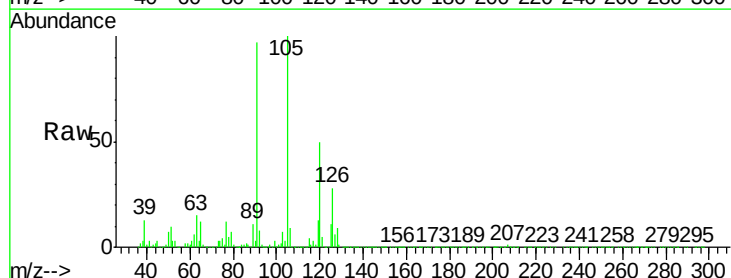
Manual Integrations
APPROVED

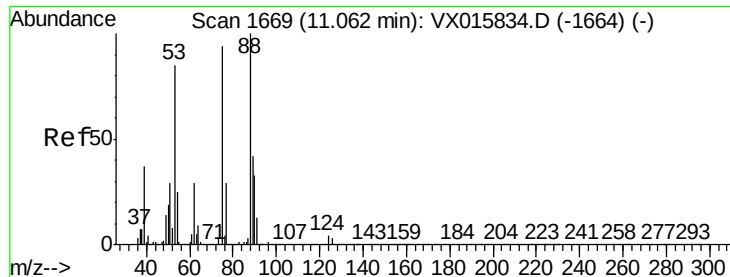
MMDadoda
4/24/2020 11:35:15 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.898 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion: 105 Resp: 700438
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





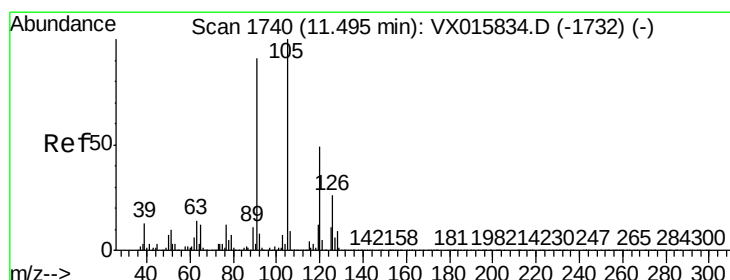
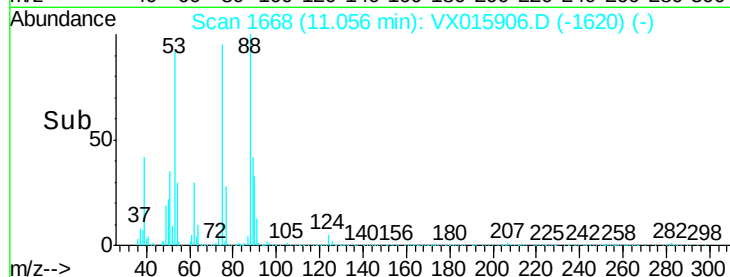
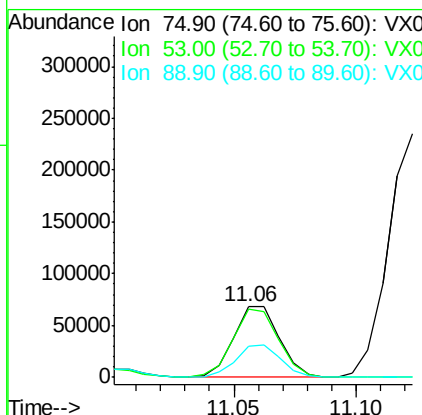
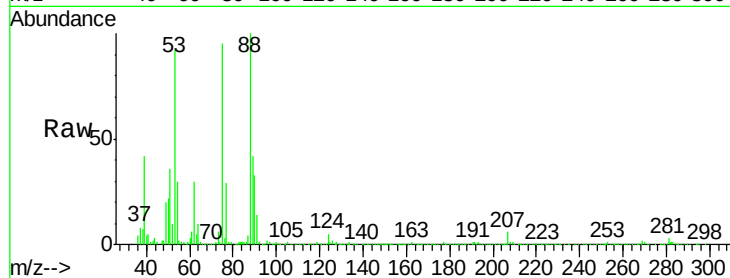
#81
trans-1,4-Dichloro-2-butene
Concen: 18.089 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	74.2	111.2
89	44.2	38.0	57.0

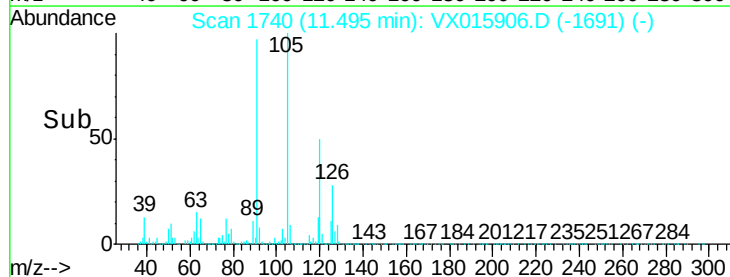
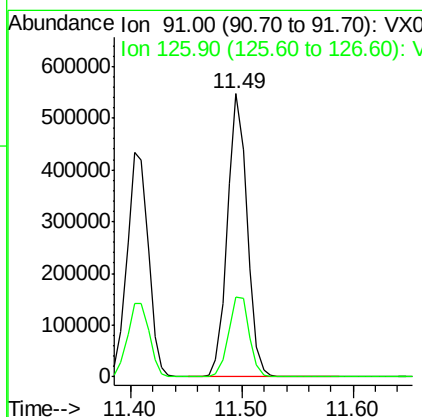
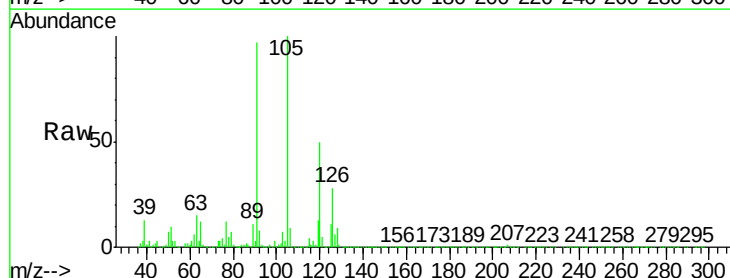
Manual Integrations
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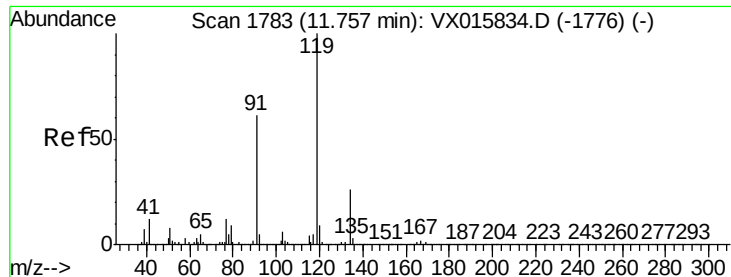
MMDadoda
4/24/2020 11:35:15 AM



#82
4-Chlorotoluene
Concen: 20.817 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.0	45.0





#83

tert-Butylbenzene

Concen: 21.222 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

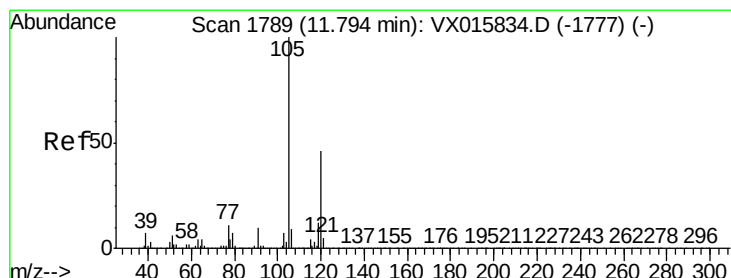
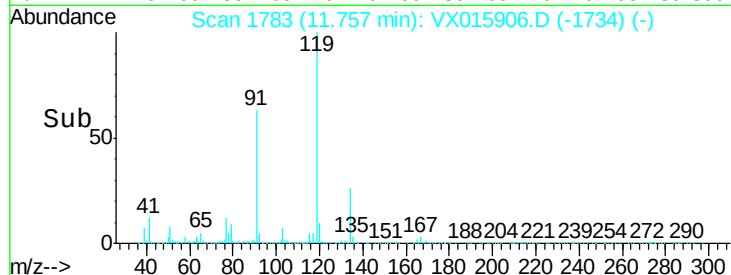
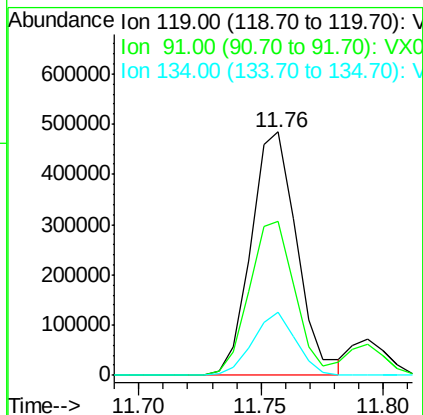
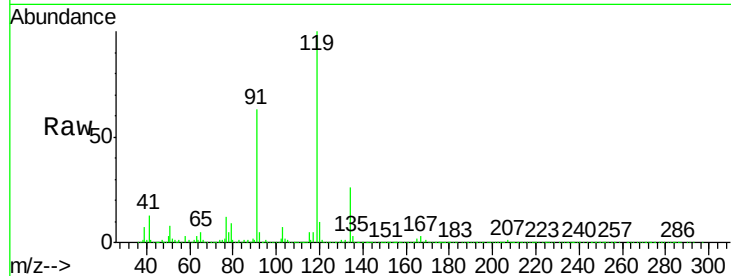
ClientSampleId :

VX0423WBS02

Tot Ion:	119	Resp:	630952
Ion Ratio	Lower	Upper	
119	100		
91	62.6	30.9	92.7
134	24.4	12.4	37.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.377 ug/l

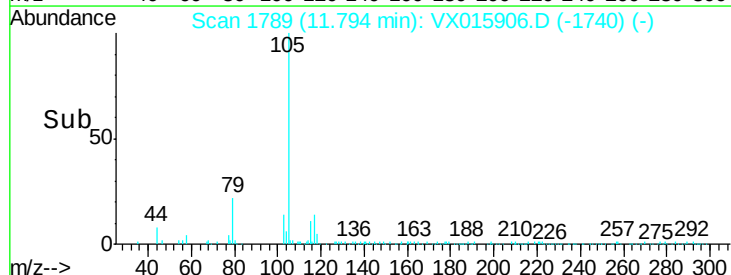
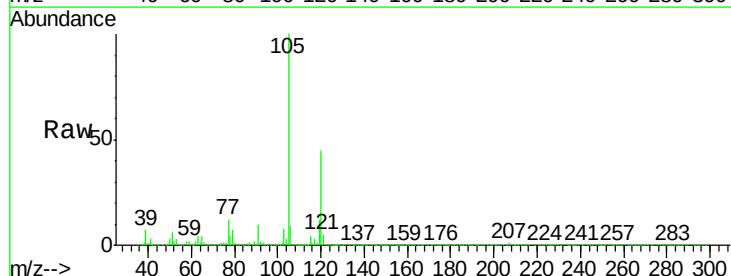
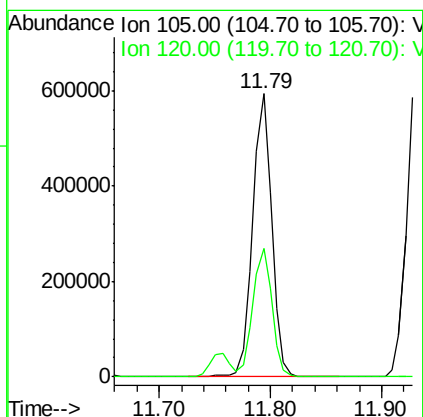
RT: 11.79 min Scan# 1789

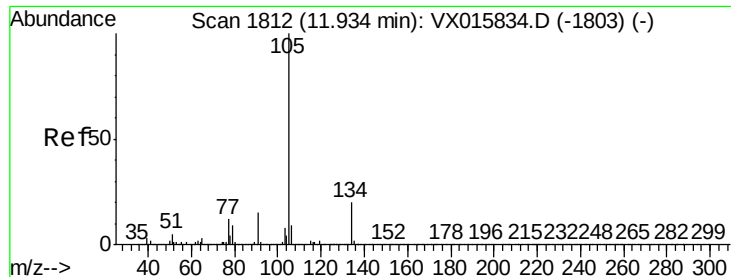
Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion:	105	Resp:	709063
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.9	68.7





#85

sec-Butylbenzene

Concen: 20.170 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS02

Tot Ion:105 Resp: 790517

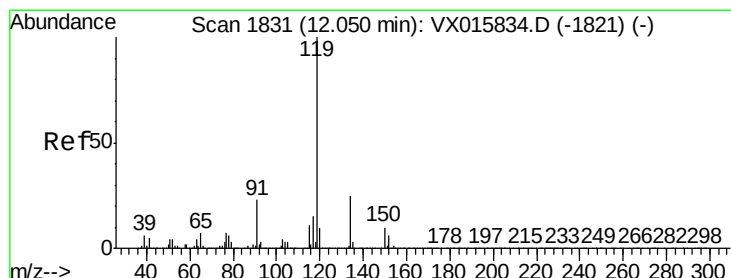
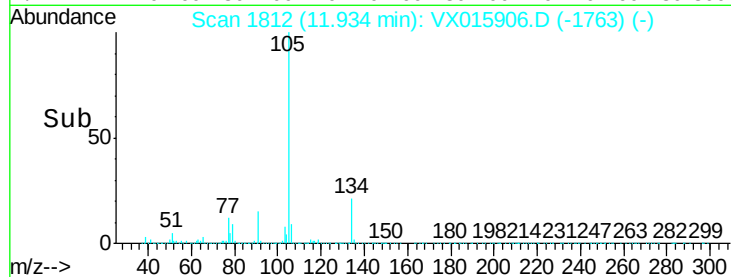
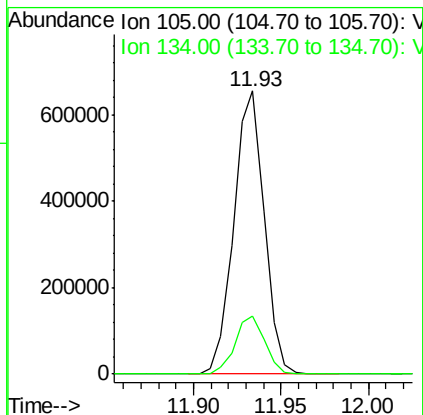
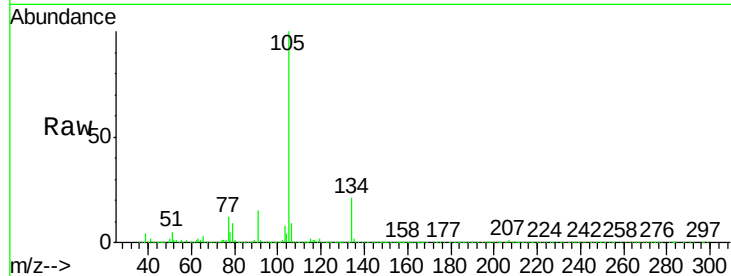
Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.018 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

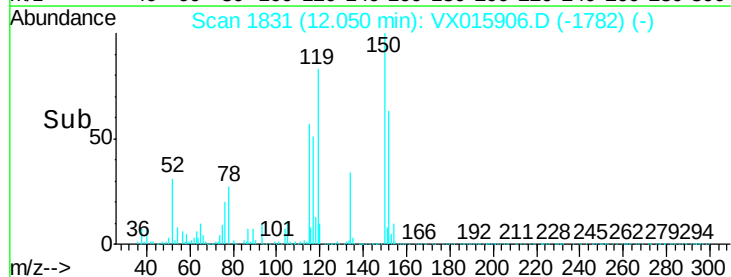
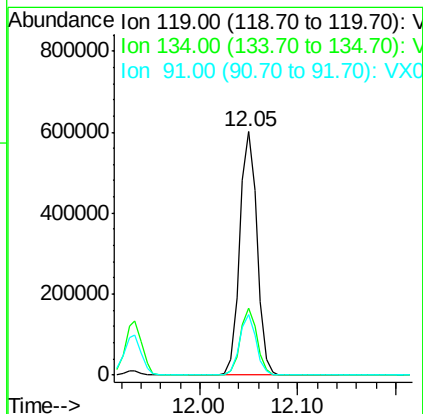
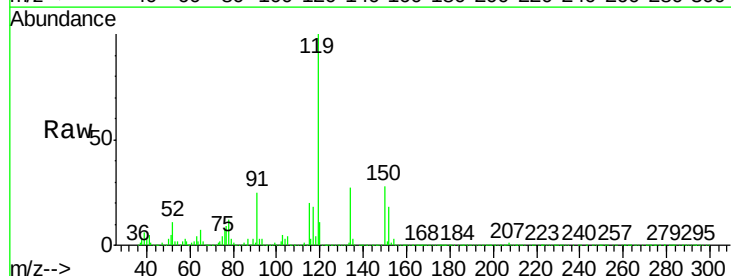
Tgt Ion:119 Resp: 733623

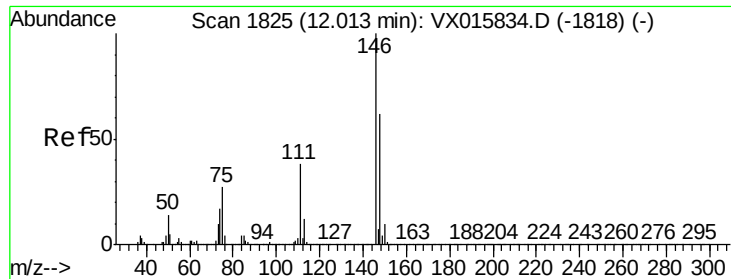
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 23.8 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.864 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

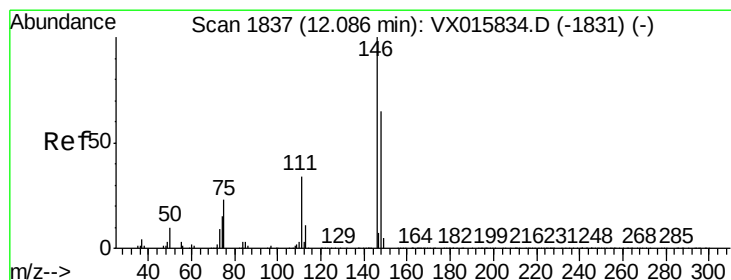
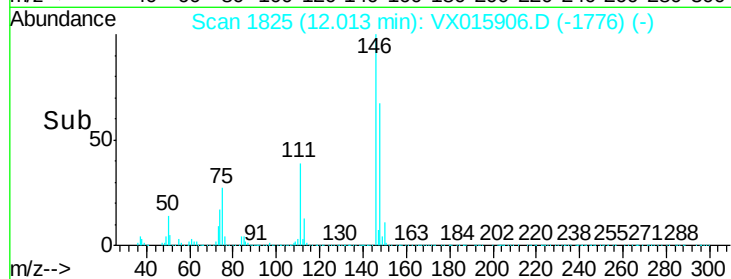
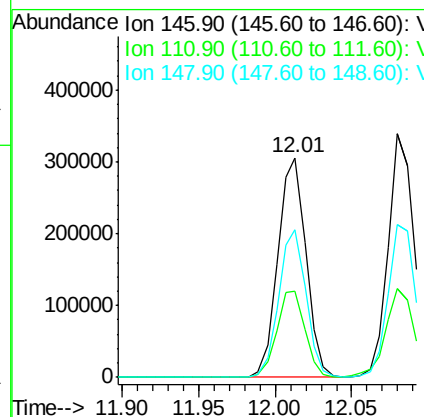
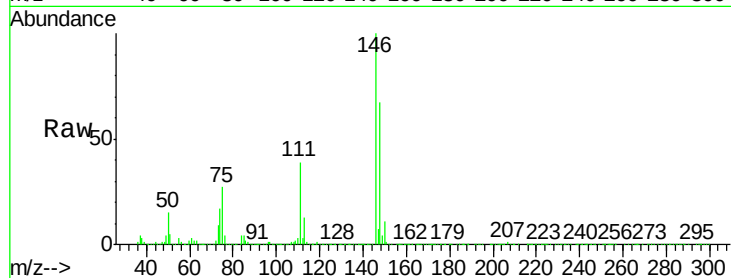
Instrument :
MSVOA_X

ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	391633		
111	39.5	19.1	57.1	
148	65.0	30.9	92.7	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.225 ug/l

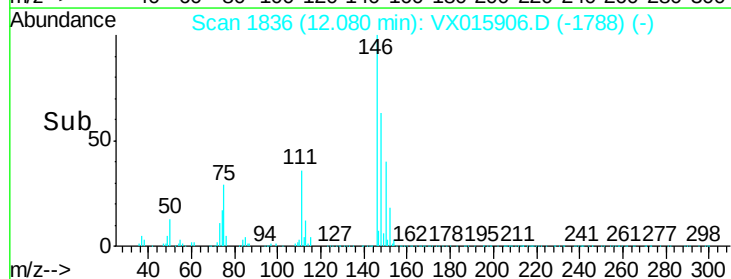
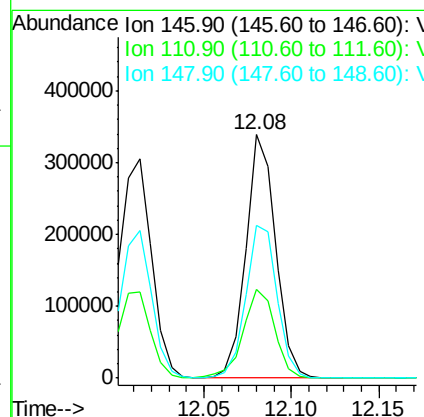
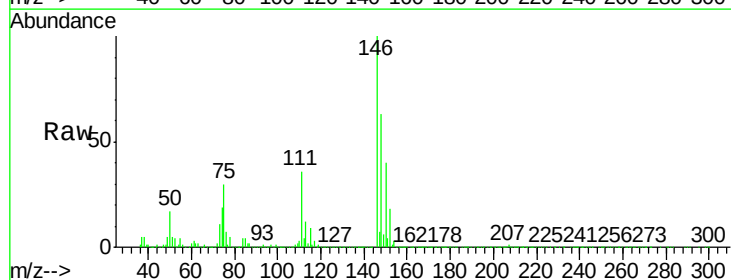
RT: 12.08 min Scan# 1836

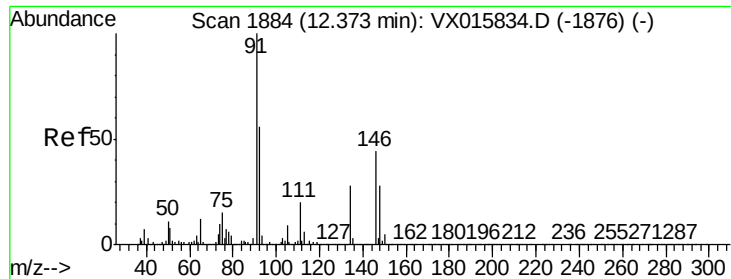
Delta R.T. -0.01 min

Lab File: VX015906.D

Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	399151		
111	38.8	19.4	58.2	
148	65.5	33.8	101.4	





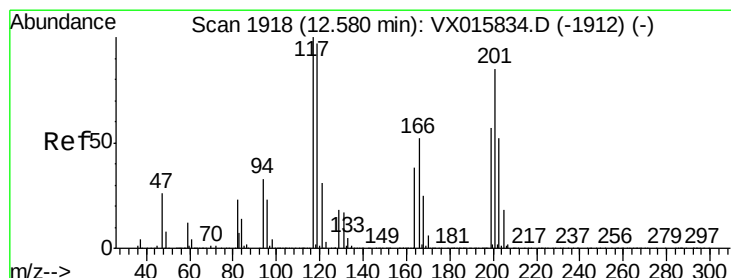
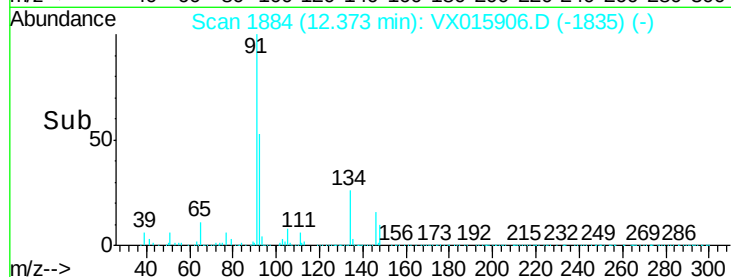
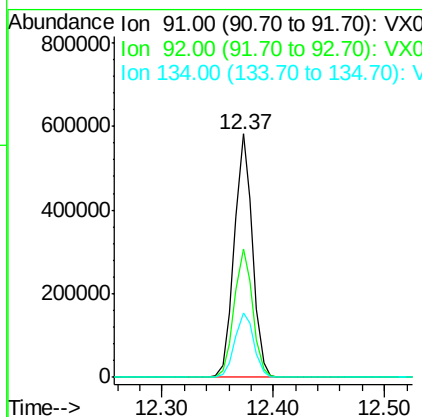
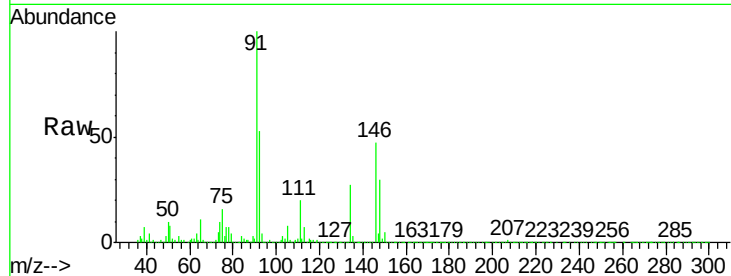
#89
n-Butylbenzene
Concen: 19.835 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.7	83.1
134	27.7	14.1	42.4

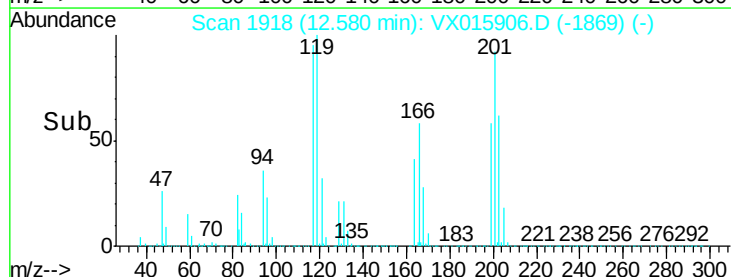
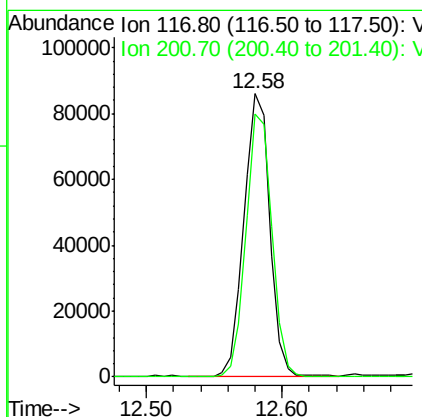
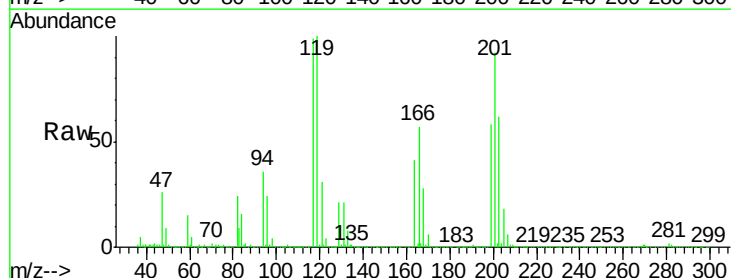
Manual Integrations
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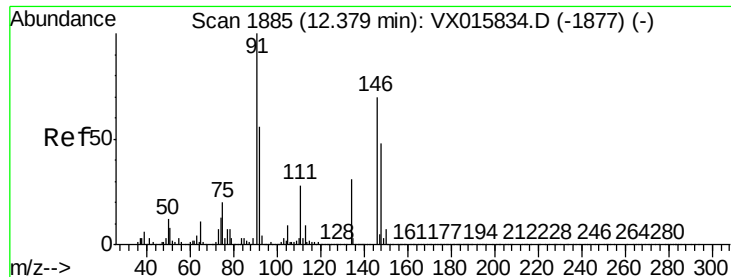
MMDadoda
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#90
Hexachloroethane
Concen: 29.408 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	45.6	136.9





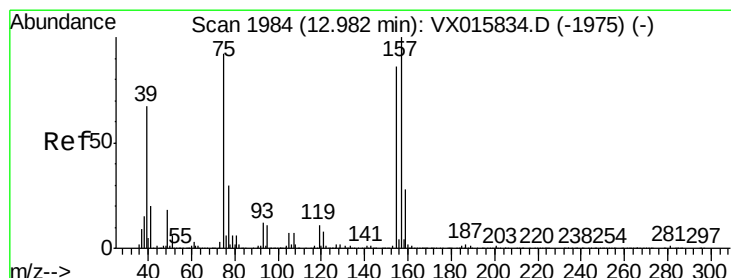
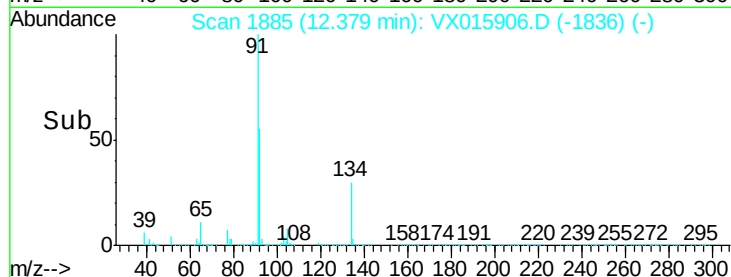
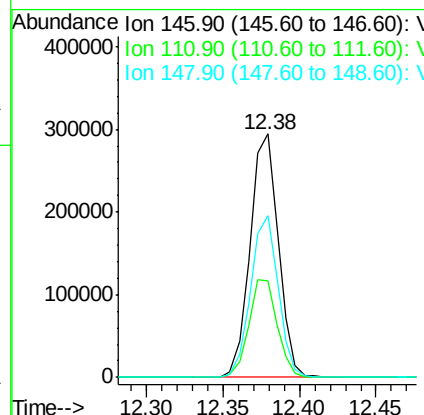
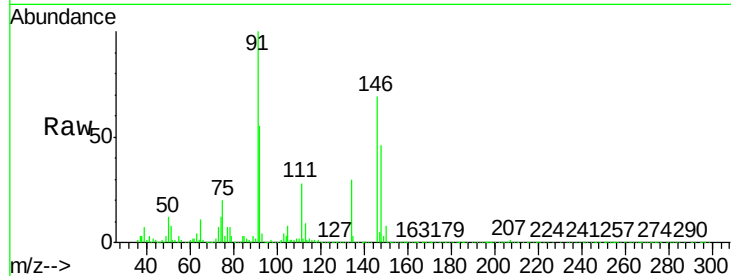
#91
 1,2-Dichlorobenzene
 Concen: 20.139 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Tot Ion:	146	Resp:	376591
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.3	61.0
148	65.1	32.1	96.3

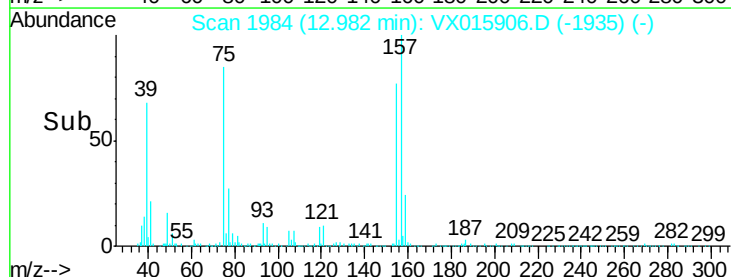
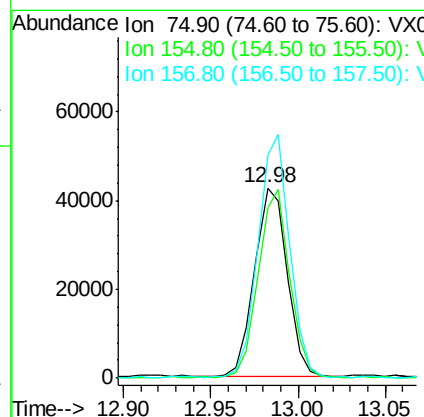
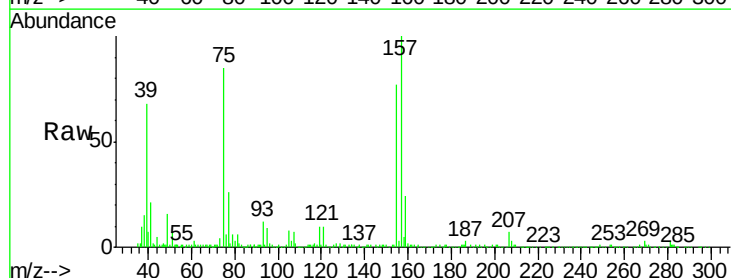
Manual Integrations
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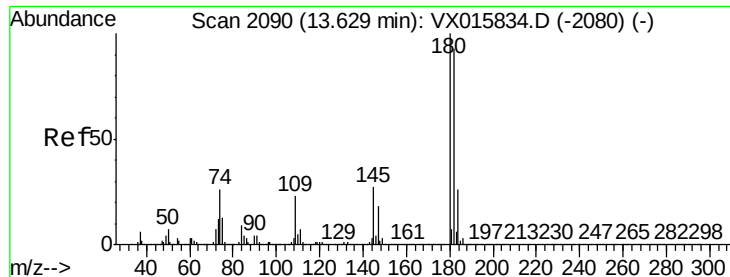
MMDadoda
 4/24/2020 11:35:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.474 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion:	75	Resp:	55444
Ion Ratio	Lower	Upper	
75	100		
155	95.4	48.1	144.4
157	124.0	58.9	176.7





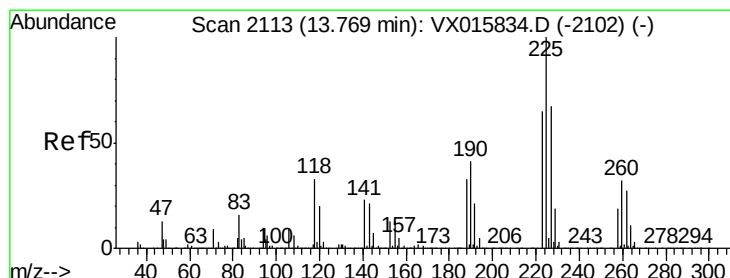
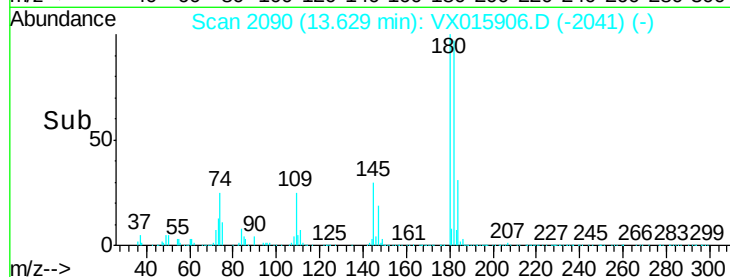
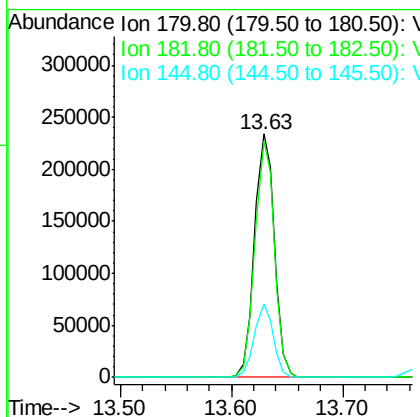
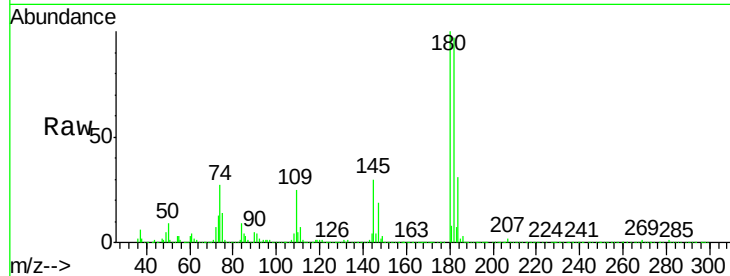
#93
 1,2,4-Trichlorobenzene
 Concen: 19.758 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	291101		
182	94.9	47.7	143.1	
145	28.8	14.5	43.5	

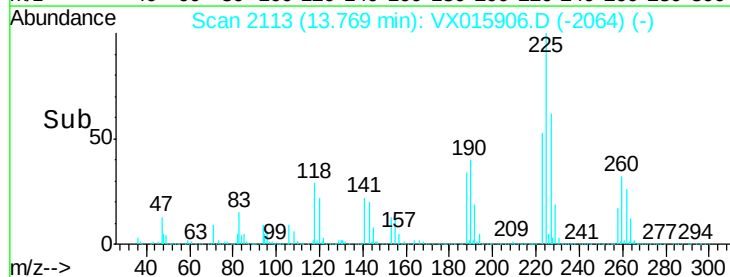
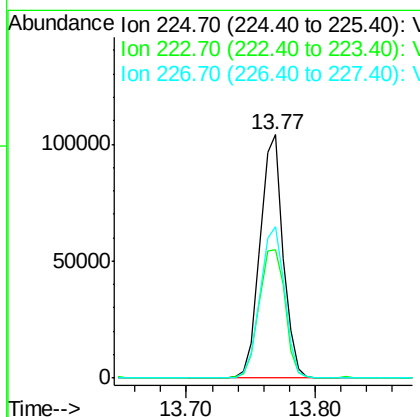
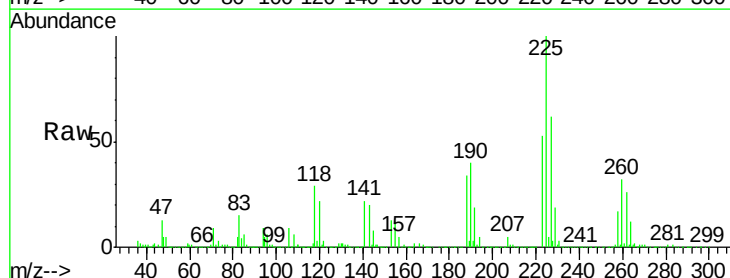
Manual Integrations
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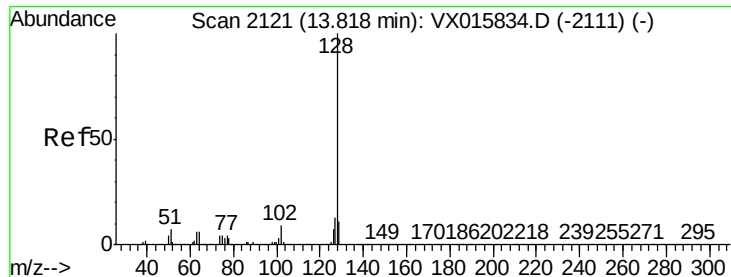
MMDadoda
 4/24/2020 11:35:15 AM



#94
 Hexachlorobutadiene
 Concen: 19.348 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015906.D
 Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127810		
223	59.3	31.3	93.8	
227	66.5	32.6	97.8	





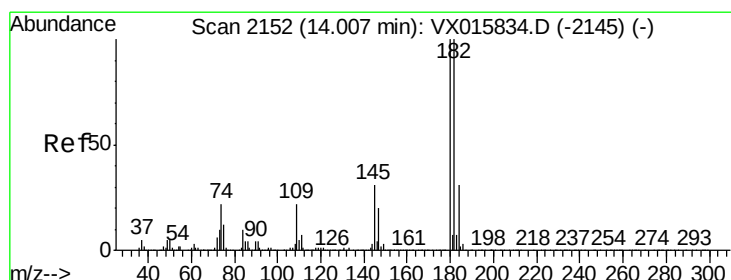
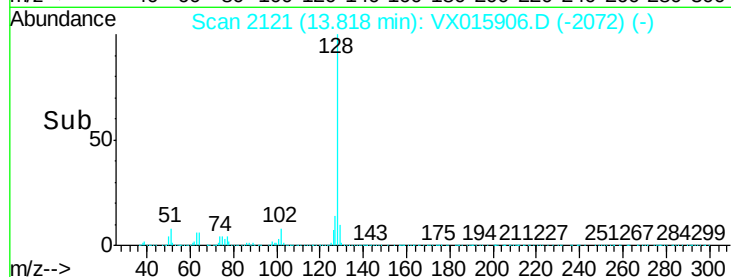
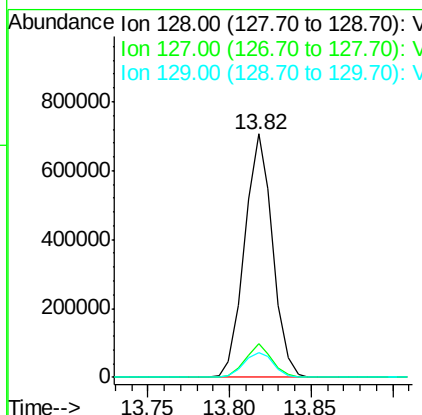
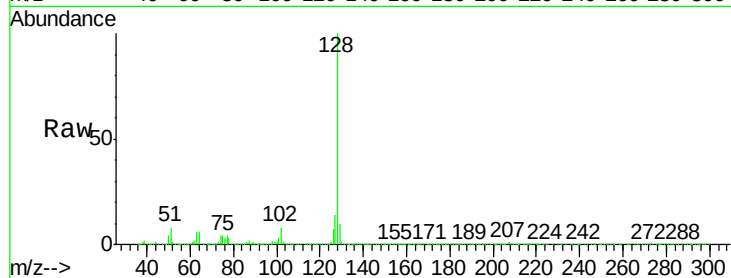
#95
Naphthalene
Concen: 19.981 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	846970		
127	13.1	10.5	15.7	
129	10.8	8.5	12.7	

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.895 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015906.D
Acq: 23 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285978		
182	91.8	47.9	143.7	
145	30.3	15.2	45.5	

