

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012832.D
 Acq On : 07 Oct 2019 12:53
 Operator : JC/SP
 Sample : VX1007WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:06:43 PM

Quant Time: Oct 08 11:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	116203	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
35) Dibromofluoromethane	5.48	113	92147	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
50) Toluene-d8	8.71	98	343882	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	131541	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	31466	15.702	ug/l	97
3) Chloromethane	1.32	50	35914	15.607	ug/l	96
4) Vinyl Chloride	1.40	62	36526	15.969	ug/l	95
5) Bromomethane	1.63	94	16887	18.778	ug/l	99
6) Chloroethane	1.71	64	25740	16.693	ug/l	97
7) Trichlorofluoromethane	1.92	101	53774	16.745	ug/l	95
8) Diethyl Ether	2.17	74	22890	17.393	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36577	18.700	ug/l	96
10) Methyl Iodide	2.50	142	28004	17.197	ug/l	93
11) Tert butyl alcohol	3.03	59	56802	87.657	ug/l	97
12) 1,1-Dichloroethene	2.36	96	34973	18.260	ug/l	96
13) Acrolein	2.28	56	24160	74.423	ug/l	98
14) Allyl chloride	2.72	41	64547	16.986	ug/l	97
15) Acrylonitrile	3.13	53	116240	88.418	ug/l	98
16) Acetone	2.43	43	112099	81.586	ug/l	95
17) Carbon Disulfide	2.56	76	86751	16.156	ug/l	99
18) Methyl Acetate	2.76	43	57899	17.896	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	130821	18.045	ug/l	99
20) Methylene Chloride	2.84	84	42079	18.107	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	38048	17.931	ug/l	98
22) Diisopropyl ether	3.84	45	131246	17.875	ug/l	93
23) Vinyl Acetate	3.80	43	556986	86.502	ug/l	98
24) 1,1-Dichloroethane	3.69	63	71893	18.013	ug/l	98
25) 2-Butanone	4.65	43	163696	83.090	ug/l	98
26) 2,2-Dichloropropane	4.57	77	61172	17.233	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	44739	18.171	ug/l	93
28) Bromochloromethane	5.00	49	24720	17.058	ug/l	93
29) Tetrahydrofuran	5.12	42	100851	83.987	ug/l	95
30) Chloroform	5.20	83	72911	17.856	ug/l	100
31) Cyclohexane	5.57	56	62212	17.230	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	63215	17.468	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53524	18.588	ug/l	98
37) Ethyl Acetate	4.82	43	60148	17.867	ug/l	96
38) Carbon Tetrachloride	5.77	117	52415	17.920	ug/l	98

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Quant Time: Oct 08 11:38:42 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	64707	18.667	ug/l	99
40) Benzene	6.13	78	160679	18.966	ug/l	98
41) Methacrylonitrile	5.02	41	34133	18.072	ug/l	95
42) 1,2-Dichloroethane	6.18	62	59292	18.430	ug/l	98
43) Isopropyl Acetate	6.43	43	99515	17.677	ug/l	96
44) Trichloroethene	7.20	130	42826	19.773	ug/l	97
45) 1,2-Dichloropropane	7.50	63	41470	19.119	ug/l	97
46) Dibromomethane	7.65	93	27771	18.805	ug/l	99
47) Bromodichloromethane	7.89	83	55084	18.662	ug/l	97
48) Methyl methacrylate	7.76	41	47951	17.764	ug/l	92
49) 1,4-Dioxane	7.73	88	22378	365.494	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	309221	88.983	ug/l	95
52) Toluene	8.78	92	101688	19.097	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	60800	18.618	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67462	18.920	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	42011	19.845	ug/l	98
56) Ethyl methacrylate	9.17	69	67451	18.965	ug/l	91
57) 1,3-Dichloropropane	9.37	76	71706	19.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	148969	93.313	ug/l	99
59) 2-Hexanone	9.48	43	235636	88.586	ug/l	93
60) Dibromochloromethane	9.57	129	43403	20.253	ug/l	97
61) 1,2-Dibromoethane	9.67	107	43160	19.590	ug/l	97
64) Tetrachloroethene	9.33	164	40266	21.718	ug/l	89
65) Chlorobenzene	10.14	112	109074	19.478	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	40748	20.084	ug/l	100
67) Ethyl Benzene	10.25	91	197266	19.423	ug/l	99
68) m/p-Xylenes	10.36	106	147137	38.673	ug/l	98
69) o-Xylene	10.70	106	72054	19.572	ug/l	99
70) Styrene	10.71	104	122928	19.918	ug/l	98
71) Bromoform	10.85	173	27647	19.570	ug/l #	100
73) Isopropylbenzene	11.01	105	195225	19.167	ug/l	100
74) N-amyl acetate	10.89	43	82426	16.963	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	60438	17.917	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59922m	18.114	ug/l	
77) Bromobenzene	11.25	156	42785	18.560	ug/l	97
78) n-propylbenzene	11.35	91	207336	18.081	ug/l	99
79) 2-Chlorotoluene	11.42	91	129706	18.132	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	161040	18.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19178	16.614	ug/l	95
82) 4-Chlorotoluene	11.51	91	150973	18.514	ug/l	100
83) tert-Butylbenzene	11.76	119	153413	18.620	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	160332	18.608	ug/l	98
85) sec-Butylbenzene	11.94	105	183163	19.113	ug/l	100
86) p-Isopropyltoluene	12.06	119	170479	19.716	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81013	19.528	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	81379	19.413	ug/l	99
89) n-Butylbenzene	12.39	91	142289	18.674	ug/l	99
90) Hexachloroethane	12.59	117	28000	18.163	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	81379	19.594	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14434	17.106	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49314	19.470	ug/l	99
94) Hexachlorobutadiene	13.78	225	22762	20.889	ug/l	97
95) Naphthalene	13.83	128	175198	19.118	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51232	20.192	ug/l	99

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

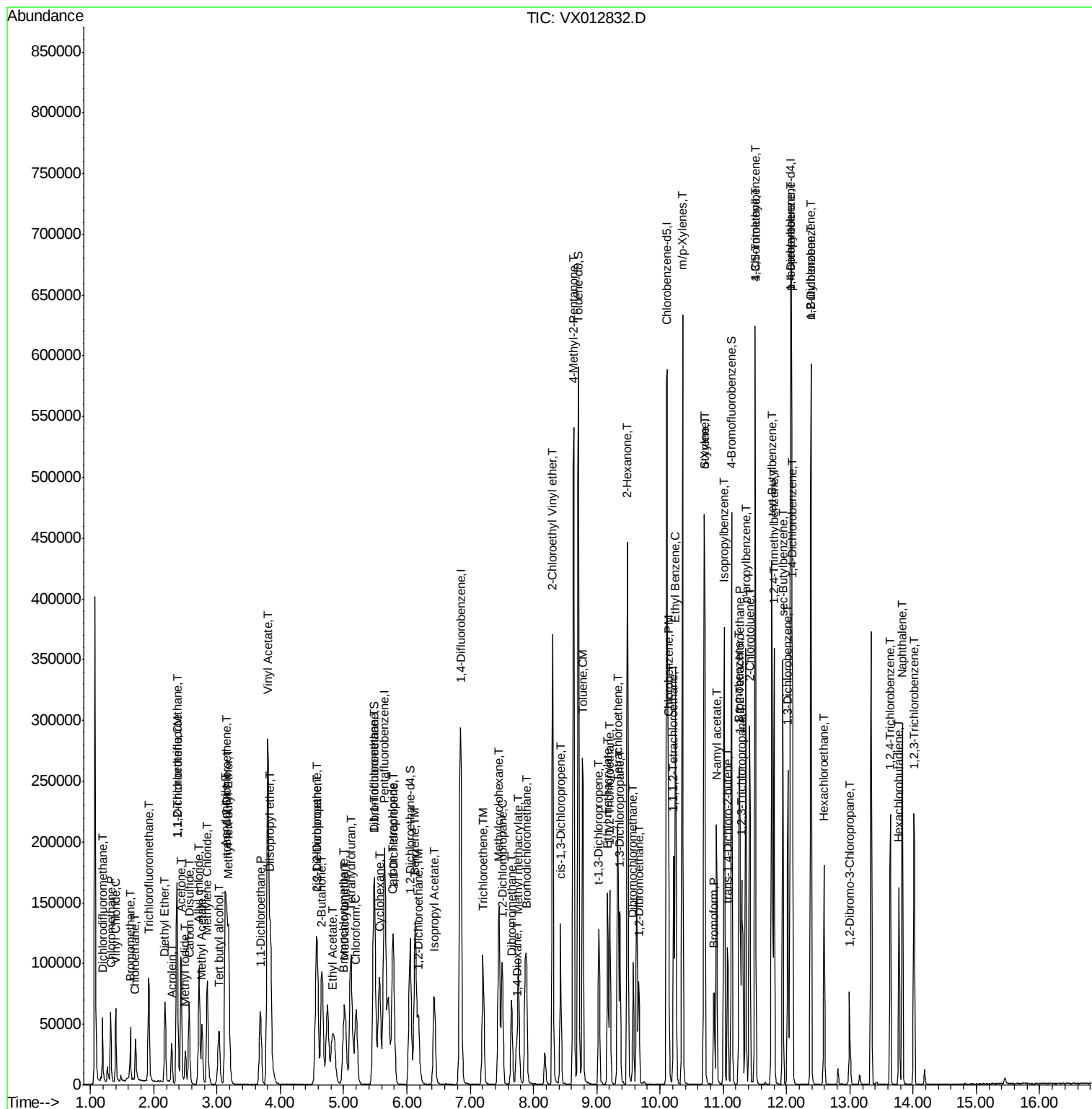
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100719\
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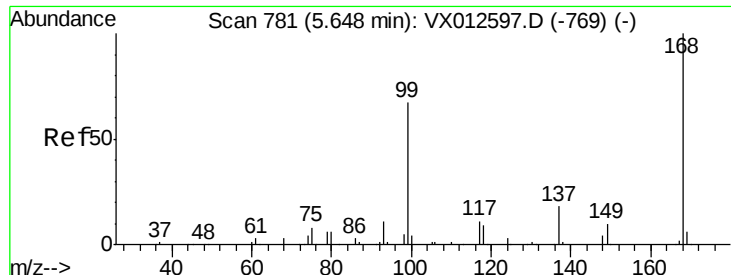
Instrument :
MSVOA_X
Client Sampled :
VX1007WBS01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion:168 Resp: 178137

Ion Ratio Lower Upper

168 100

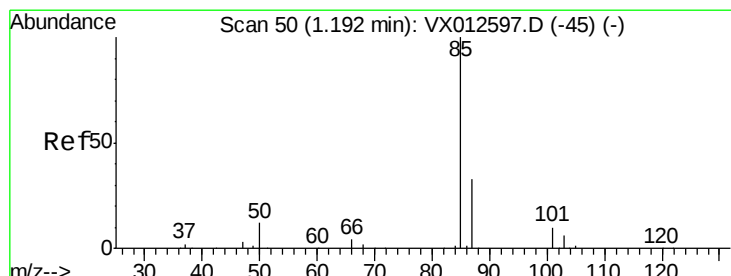
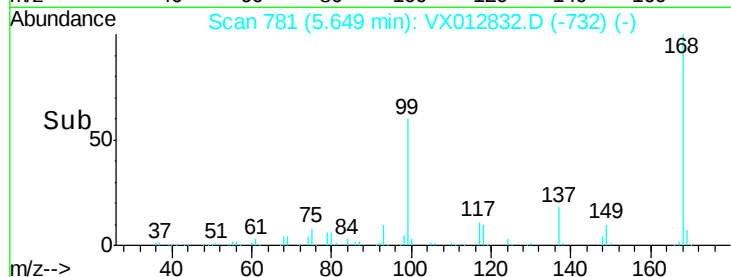
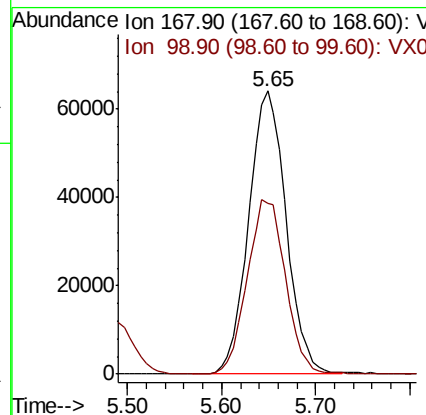
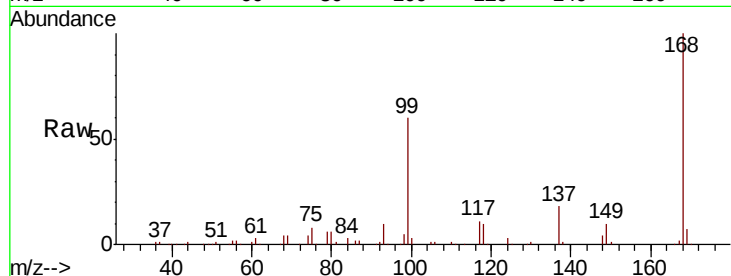
99 60.3 51.4 77.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 15.702 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012832.D

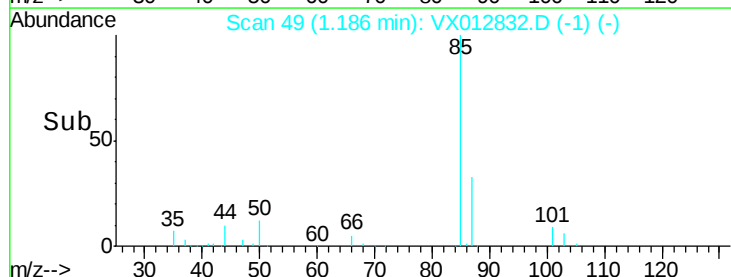
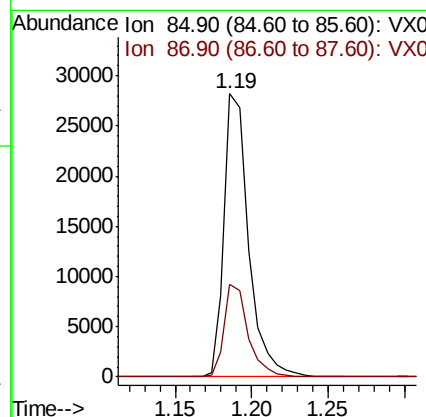
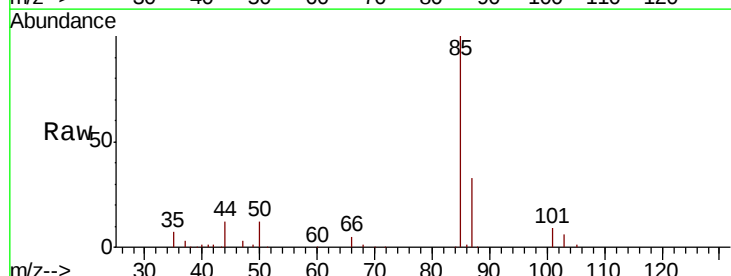
Acq: 07 Oct 2019 12:53

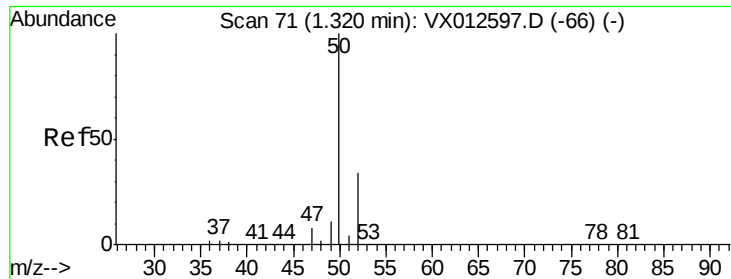
Tgt Ion: 85 Resp: 31466

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8





#3

Chloromethane

Concen: 15.607 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 50 Resp: 35914

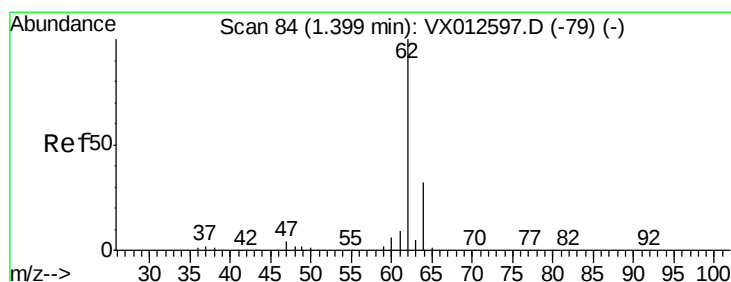
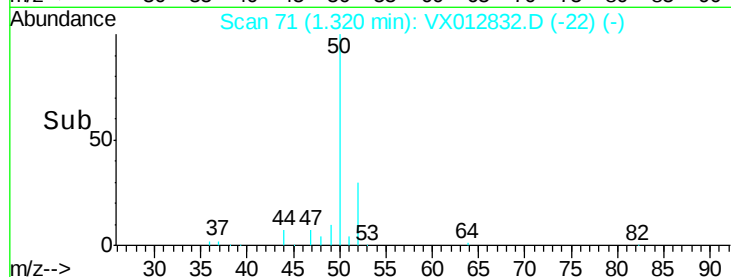
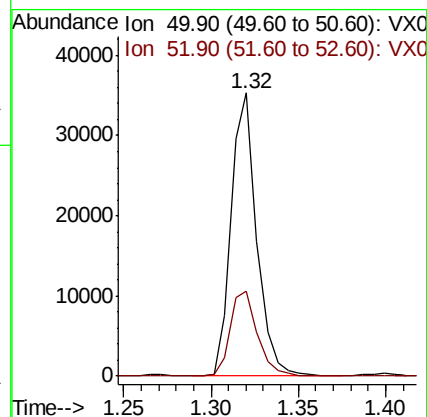
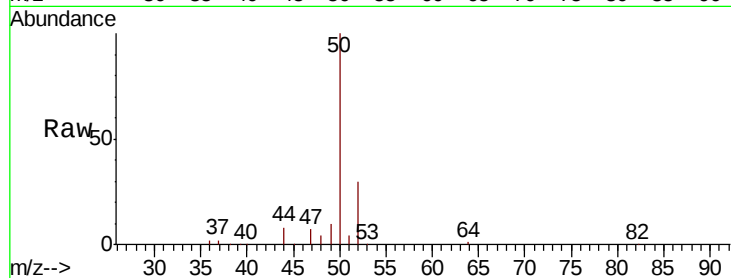
Ion Ratio Lower Upper

50 100

52 29.8 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 15.969 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012832.D

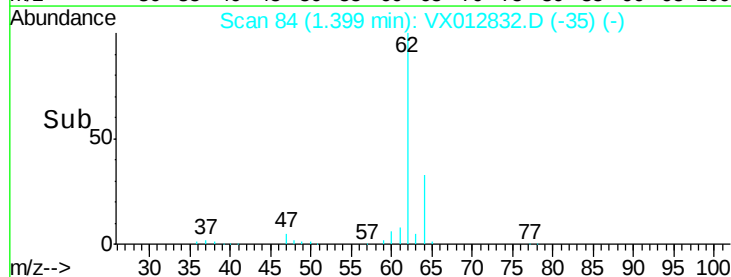
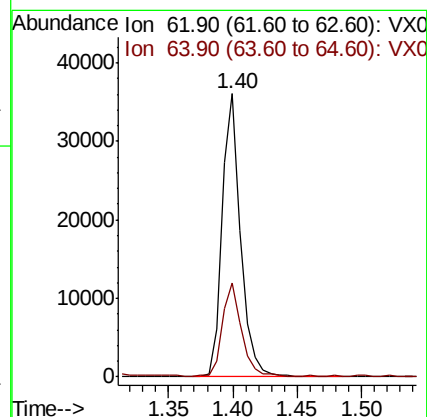
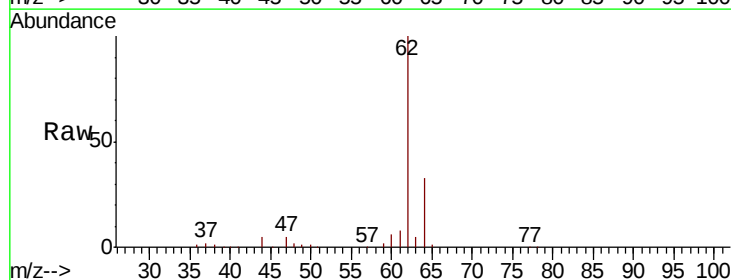
Acq: 07 Oct 2019 12:53

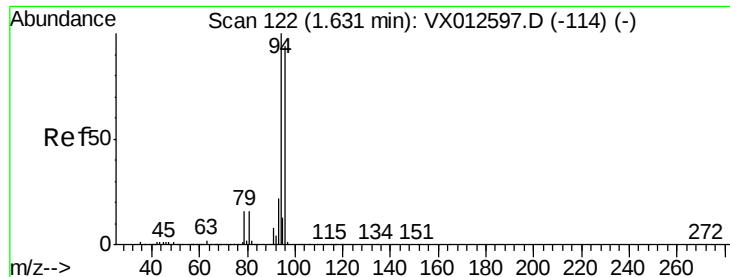
Tgt Ion: 62 Resp: 36526

Ion Ratio Lower Upper

62 100

64 33.0 24.2 36.2





#5

Bromomethane

Concen: 18.778 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

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ClientSampleId :

VX1007WBS01

Tot Ion: 94 Resp: 16887

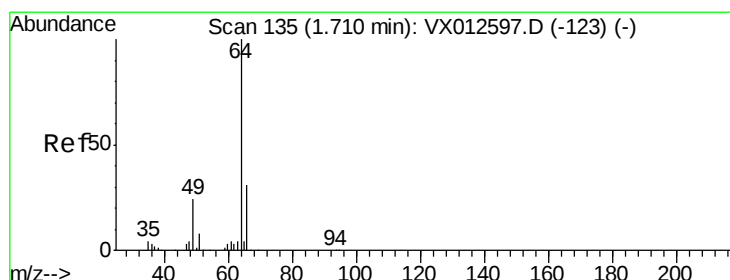
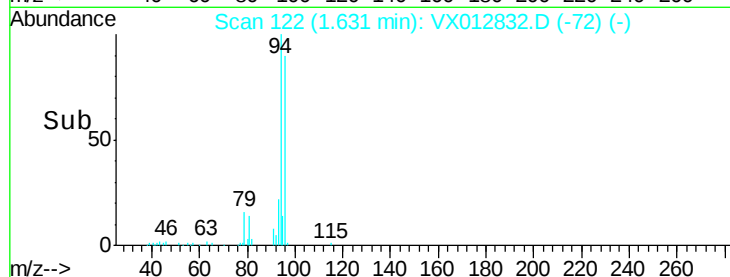
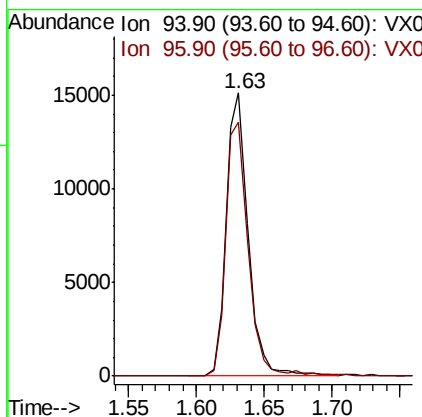
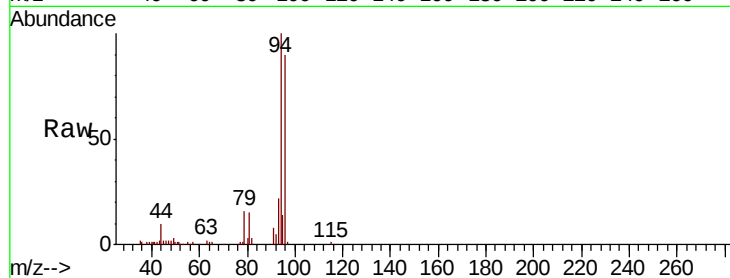
Ion Ratio Lower Upper

94 100

96 89.6 72.8 109.2

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#6

Chloroethane

Concen: 16.693 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012832.D

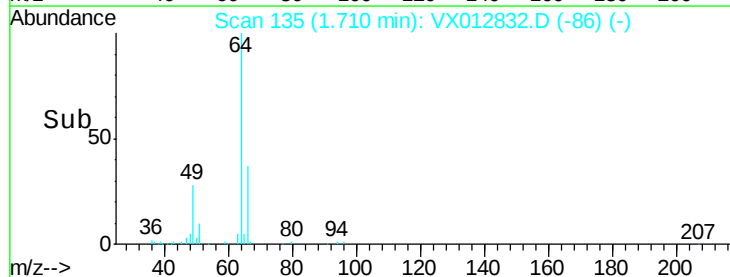
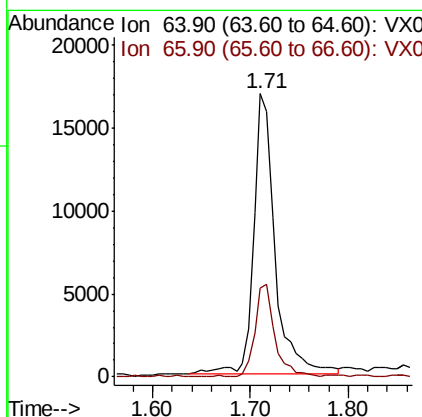
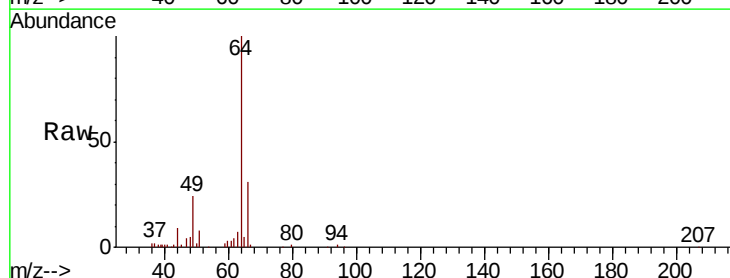
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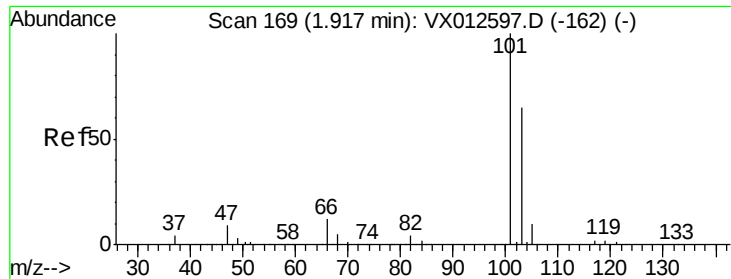
Tgt Ion: 64 Resp: 25740

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0





#7

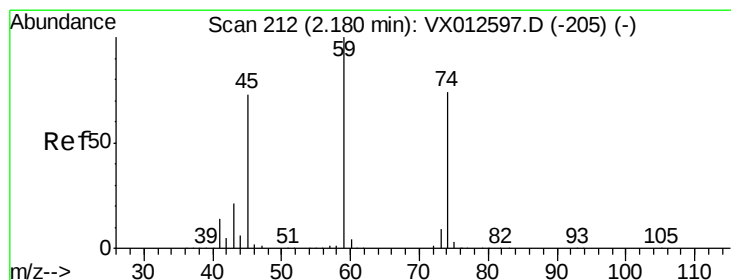
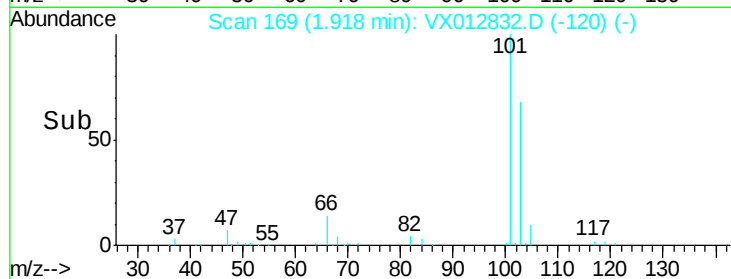
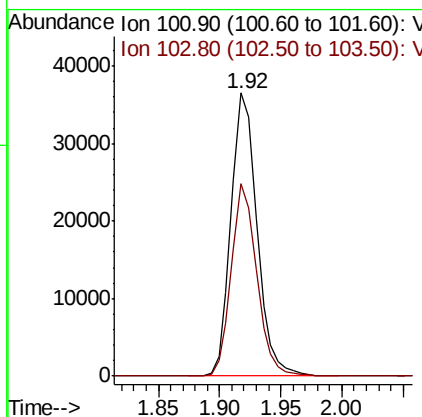
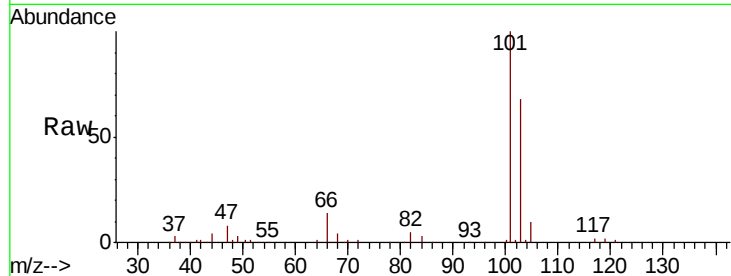
Trichlorofluoromethane
Concen: 16.745 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.0	76.4

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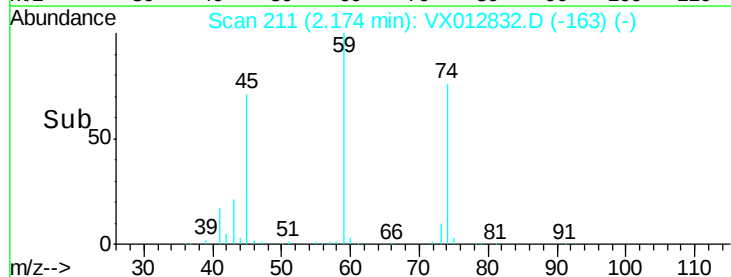
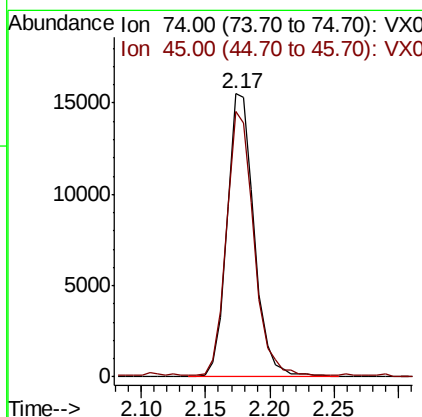
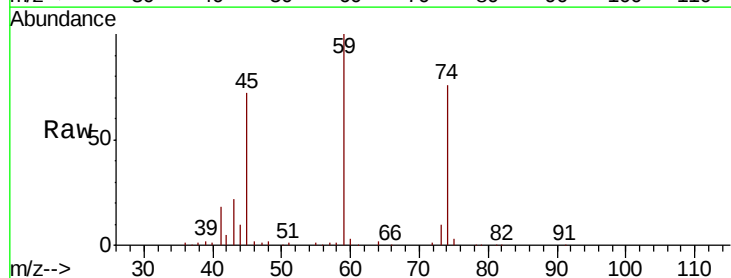
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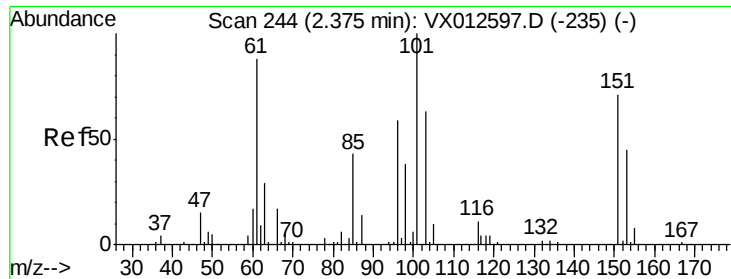


#8

Diethyl Ether
Concen: 17.393 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012832.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	49.9	149.7





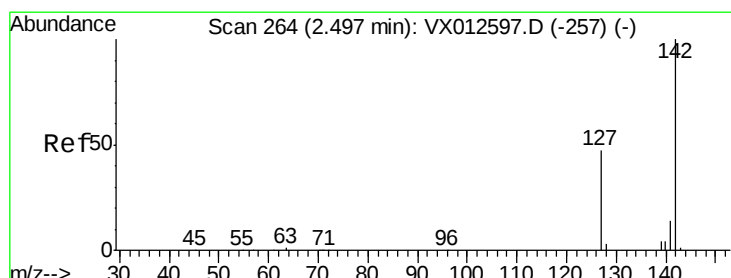
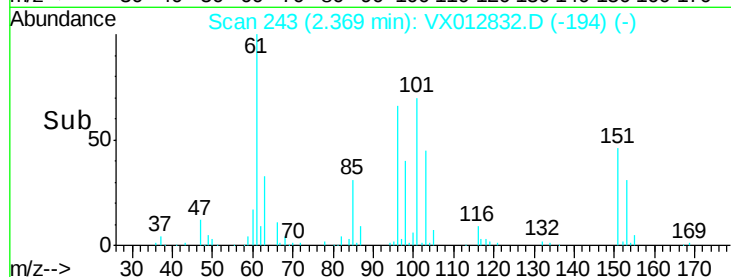
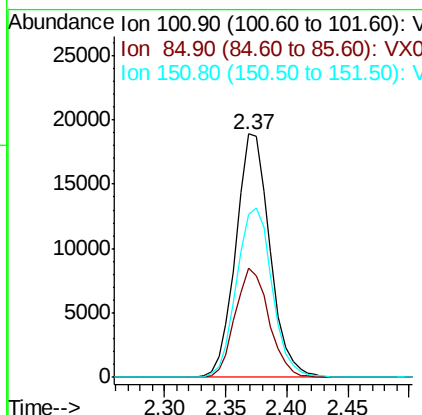
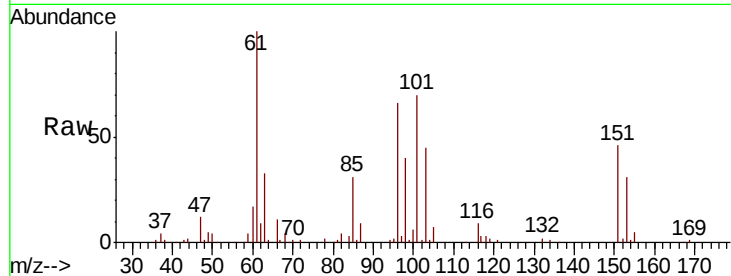
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.700 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.0	37.3	55.9
151	72.3	61.0	91.4

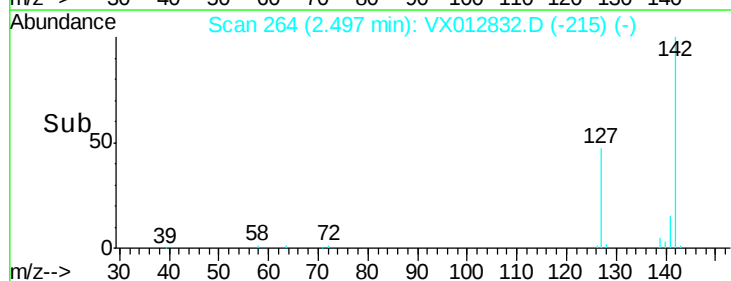
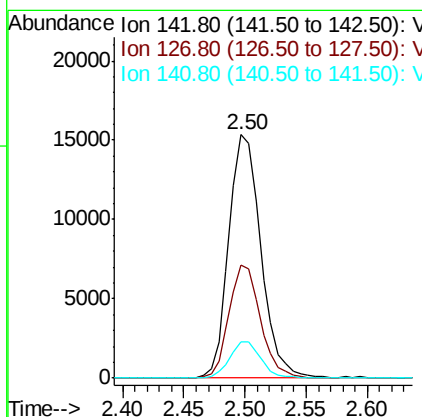
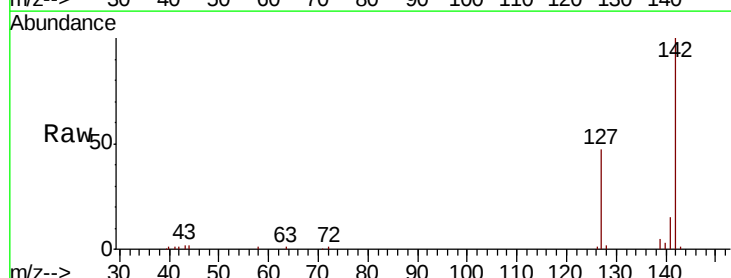
Manual Integrations
APPROVED

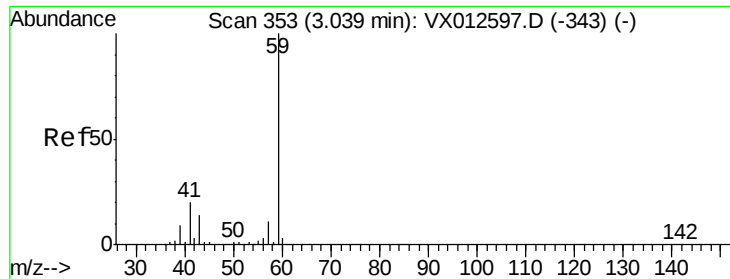
MMDadoda
10/8/2019 2:06:43 PM



#10
Methyl Iodide
Concen: 17.197 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.1	40.8	61.2
141	14.6	12.1	18.1





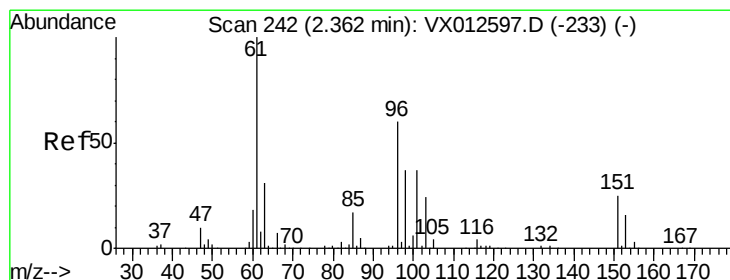
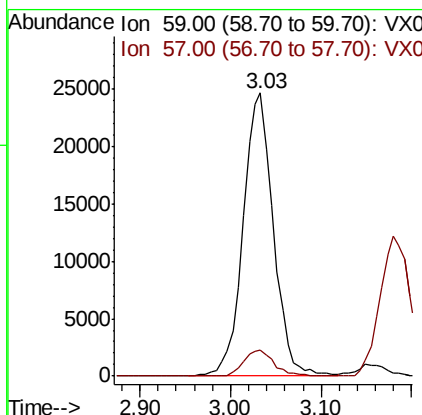
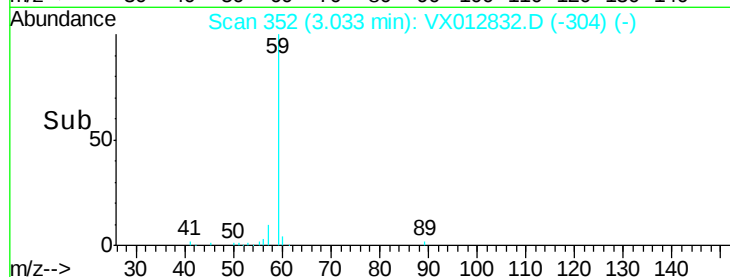
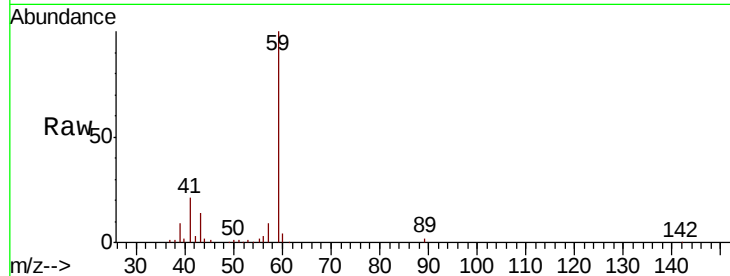
#11
Tert butyl alcohol
Concen: 87.657 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.3	12.5

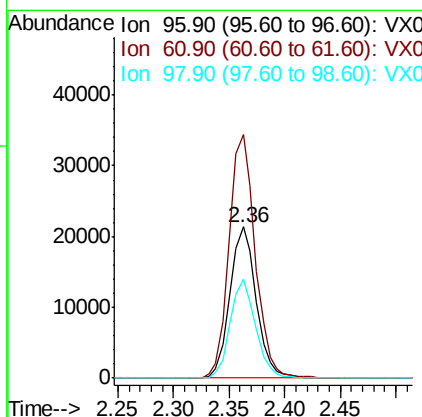
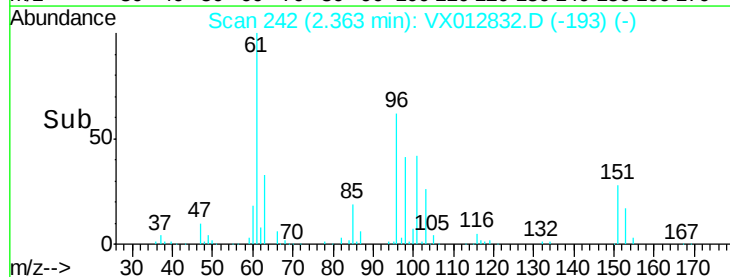
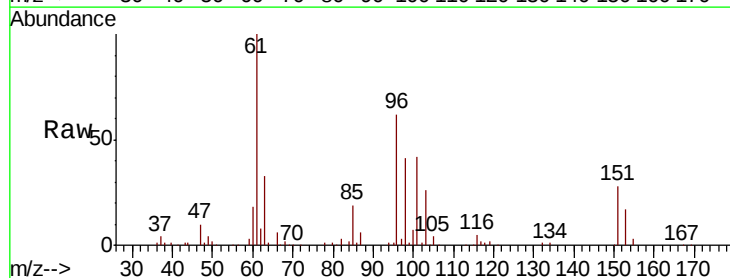
Manual Integrations
APPROVED

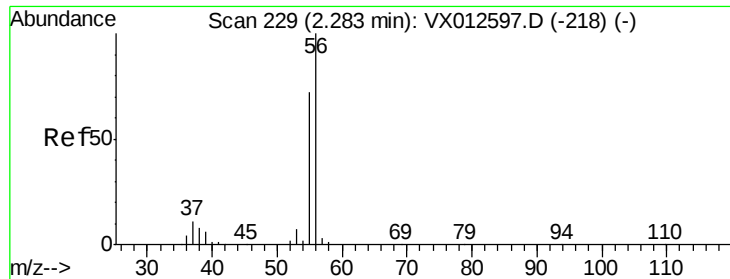
MMDadoda
10/8/2019 2:06:43 PM



#12
1,1-Dichloroethene
Concen: 18.260 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	133.8	200.6
98	65.3	49.9	74.9





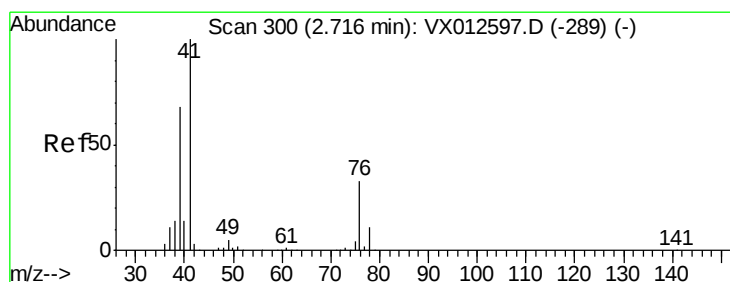
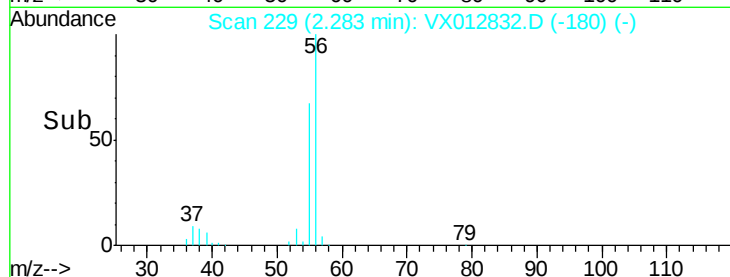
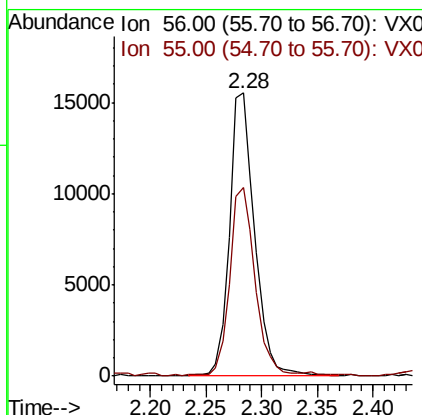
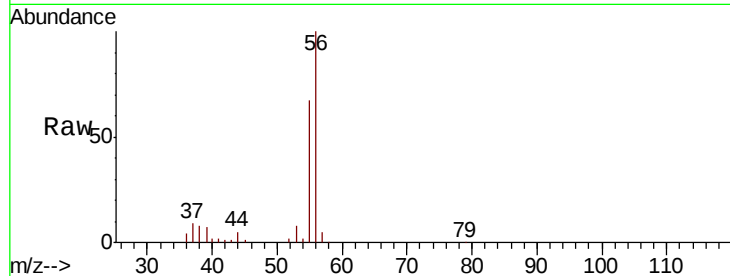
#13
Acrolein
Concen: 74.423 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.9	55.8	83.8

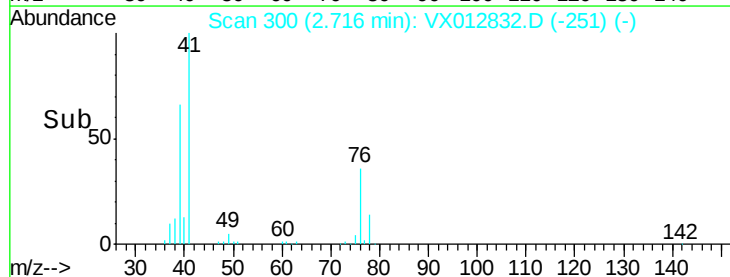
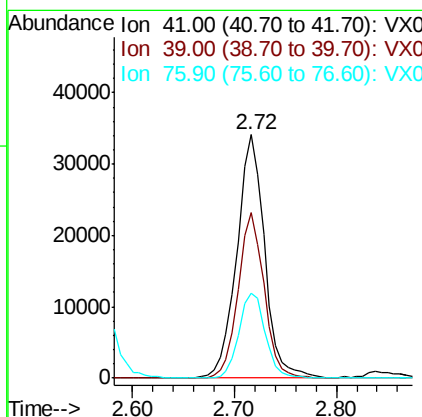
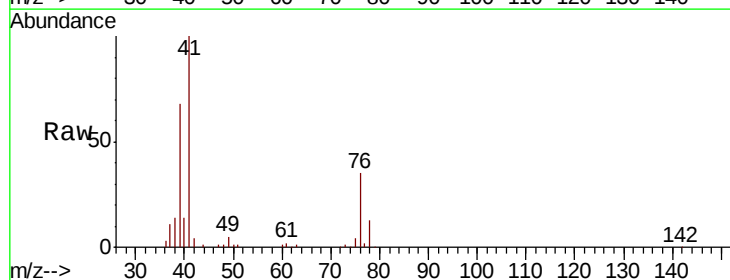
Manual Integrations
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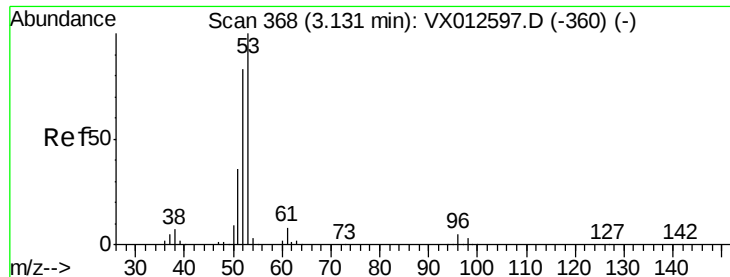
MMDadoda
10/8/2019 2:06:43 PM



#14
Allyl chloride
Concen: 16.986 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.7	51.3	76.9
76	33.3	22.6	33.8





#15

Acrylonitrile

Concen: 88.418 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

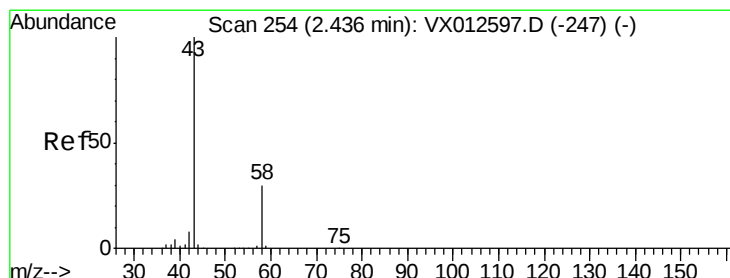
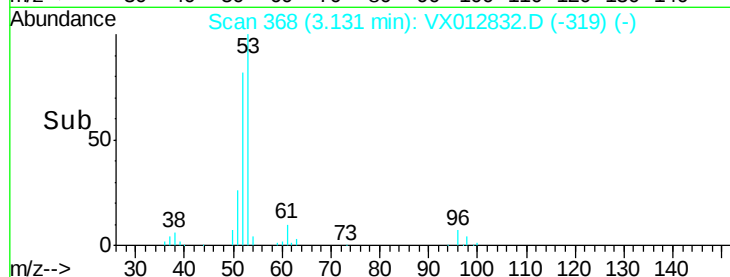
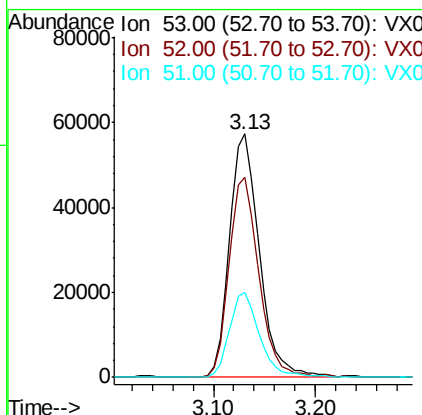
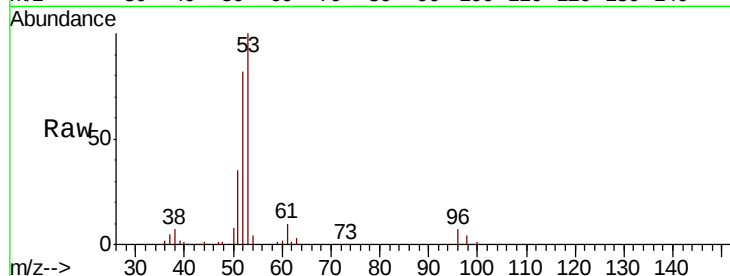
ClientSampleId :

VX1007WBS01

Tot Ion:	53	Resp:	116240
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.0	100.4
51	35.3	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 81.586 ug/l

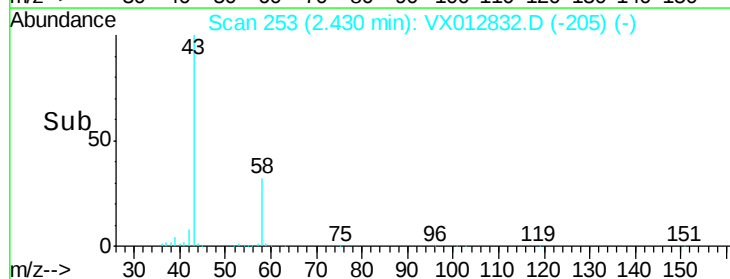
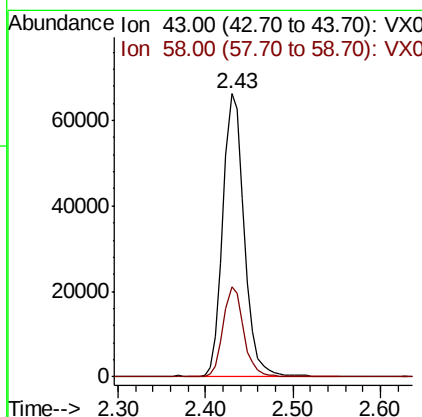
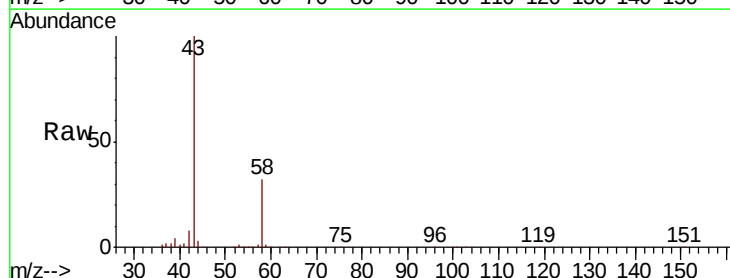
RT: 2.43 min Scan# 253

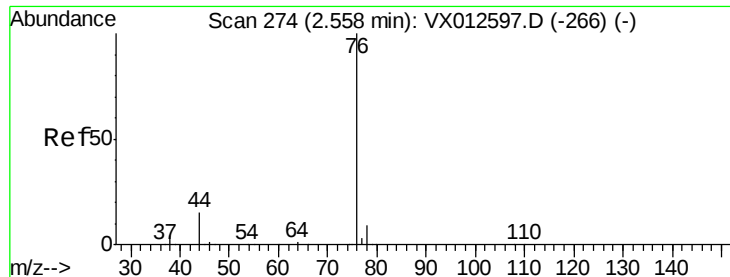
Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:	43	Resp:	112099
Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.3	34.9





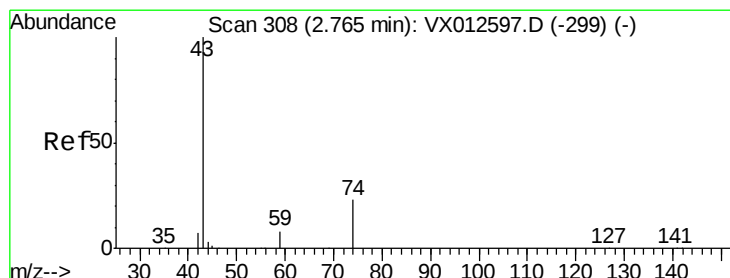
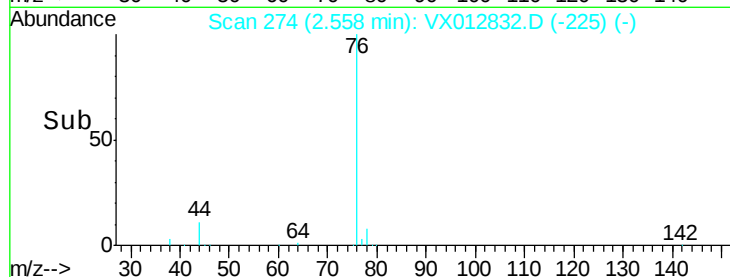
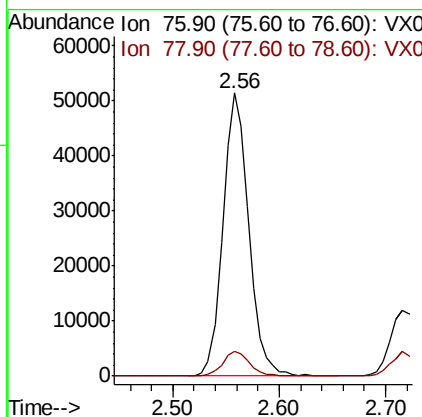
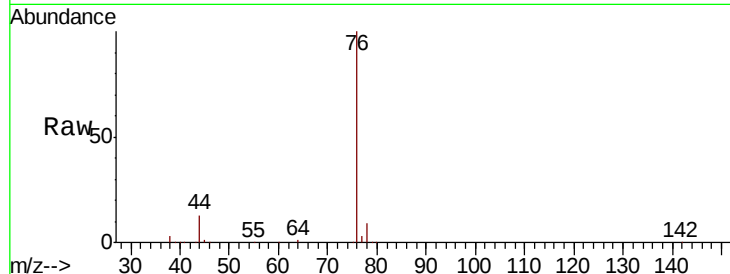
#17
Carbon Disulfide
Concen: 16.156 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

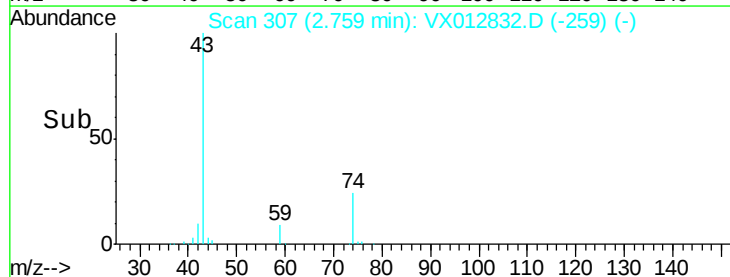
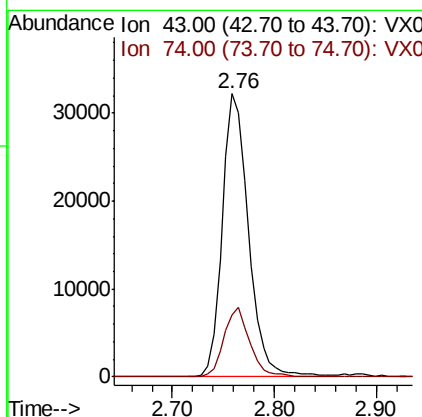
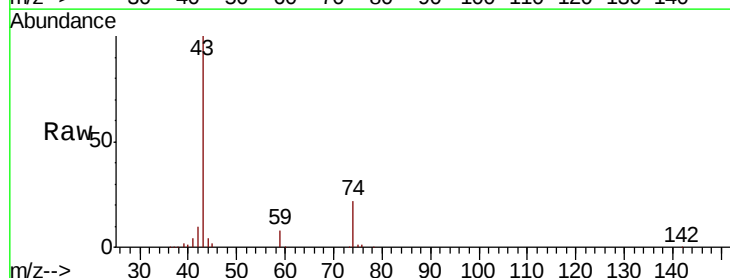
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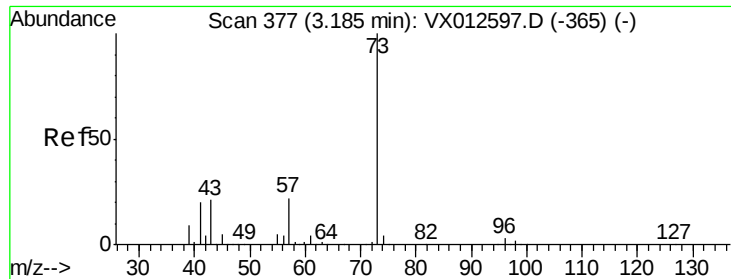
MMDadoda
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#18
Methyl Acetate
Concen: 17.896 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	17.7	26.5





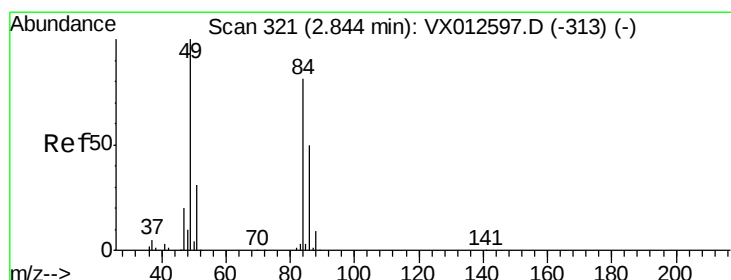
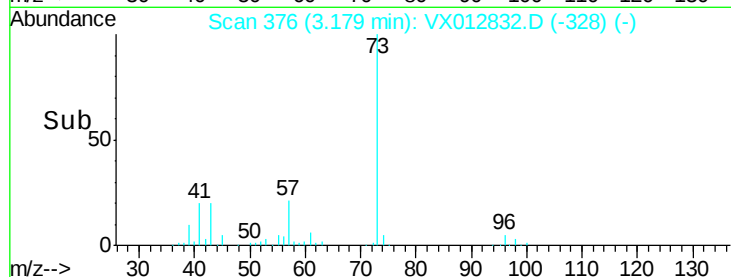
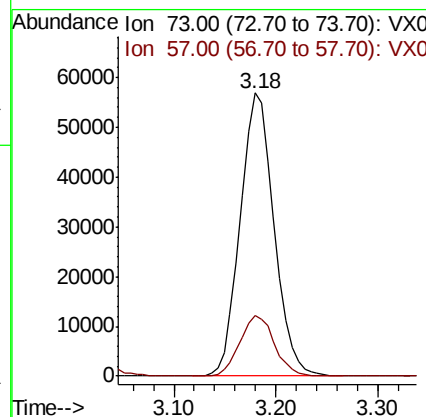
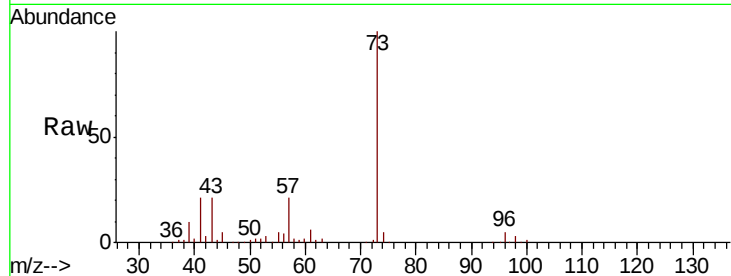
#19
Methyl tert-butyl Ether
Concen: 18.045 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2

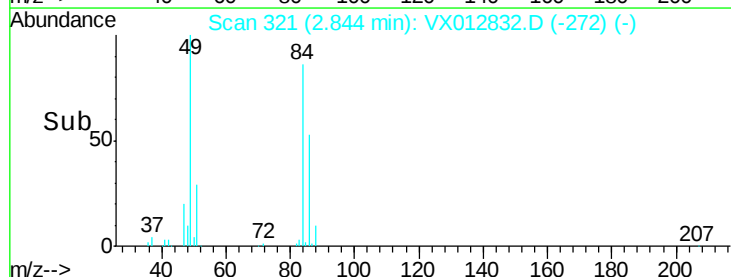
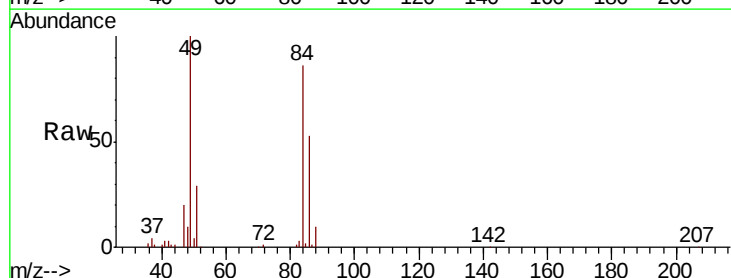
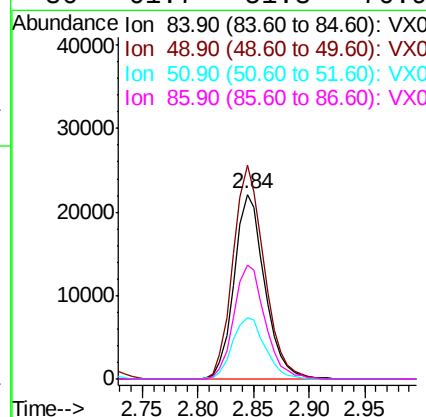
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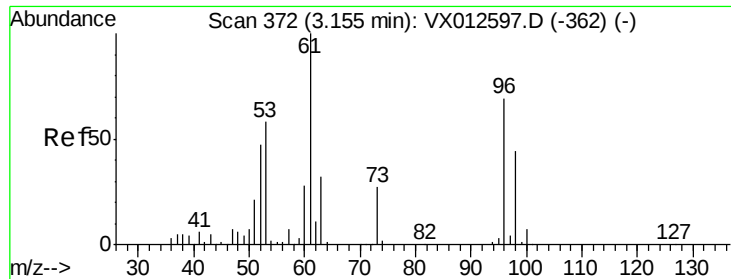
MMDadoda
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#20
Methylene Chloride
Concen: 18.107 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.8	106.8	160.2
51	33.4	32.3	48.5
86	61.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.931 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 96 Resp: 38048

Ion Ratio Lower Upper

96 100

61 139.2 112.0 168.0

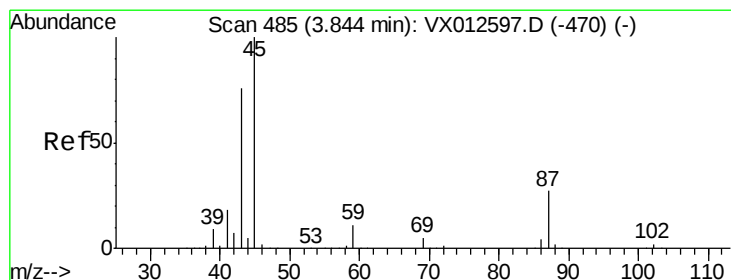
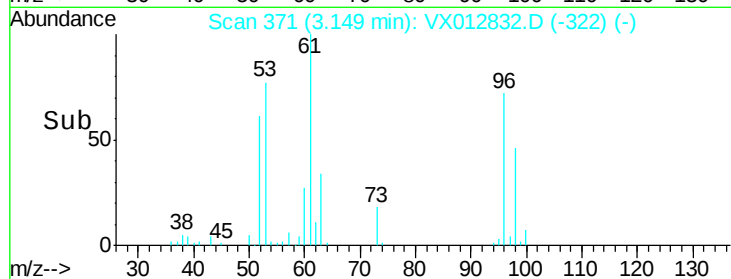
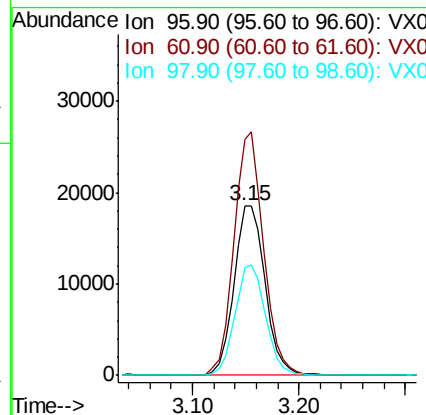
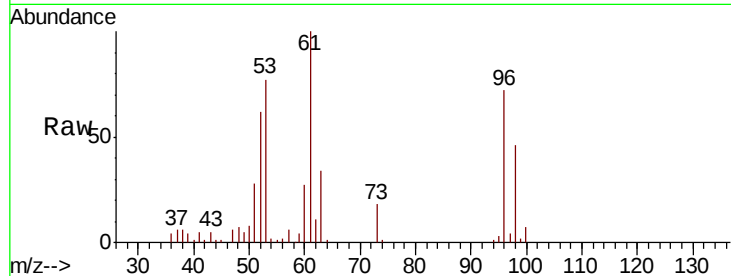
98 64.0 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.875 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion: 45 Resp: 131246

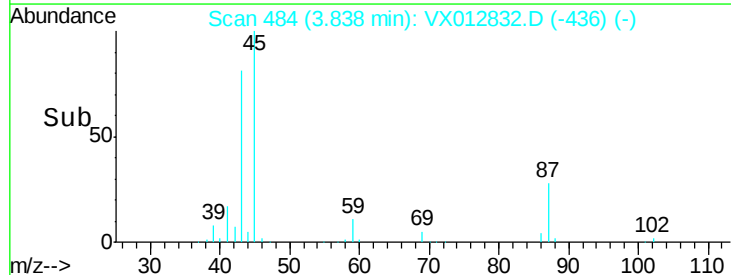
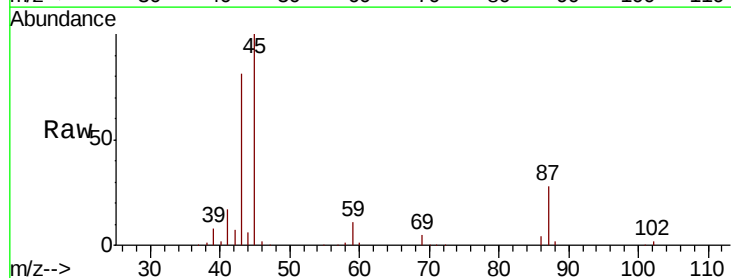
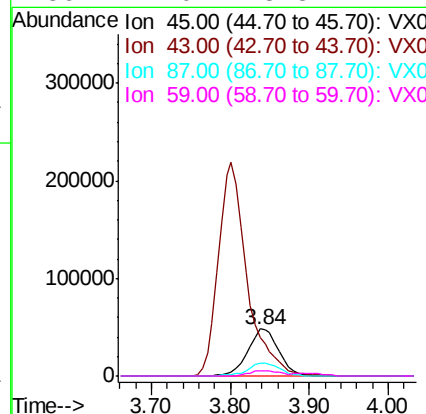
Ion Ratio Lower Upper

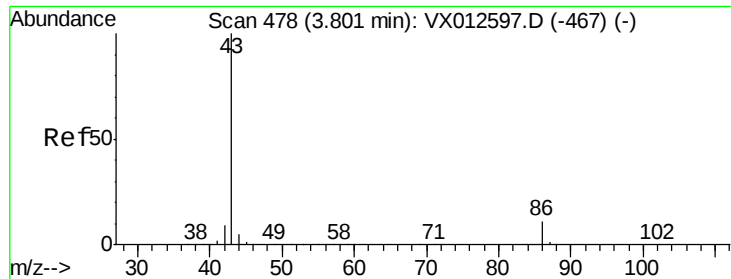
45 100

43 80.0 57.8 86.8

87 28.5 21.3 31.9

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 86.502 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 43 Resp: 556986

Ion Ratio Lower Upper

43 100

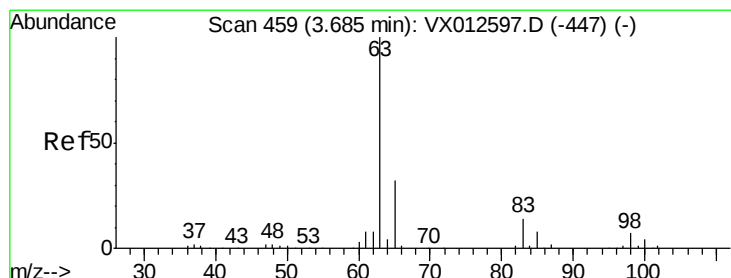
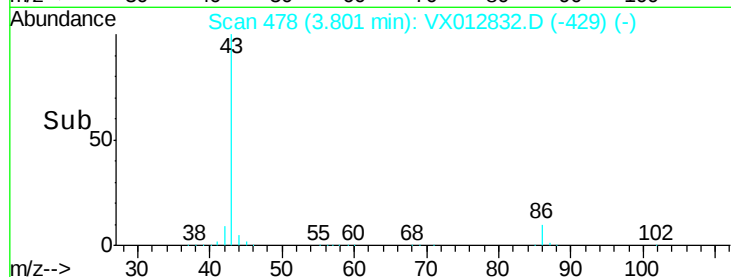
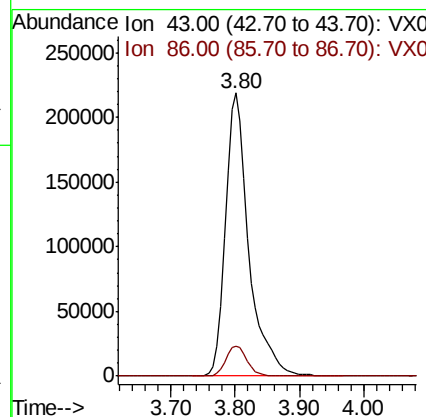
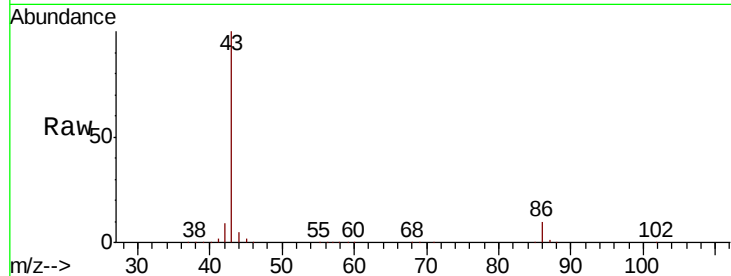
86 10.4 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.013 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

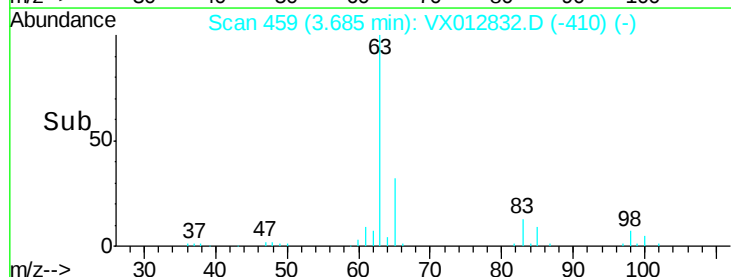
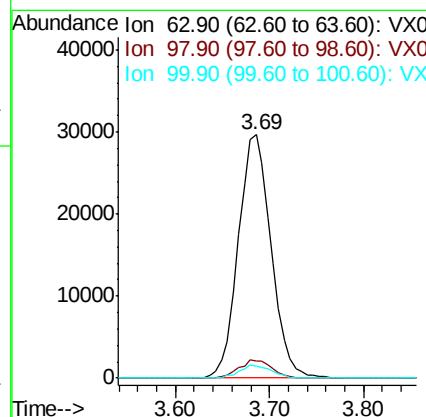
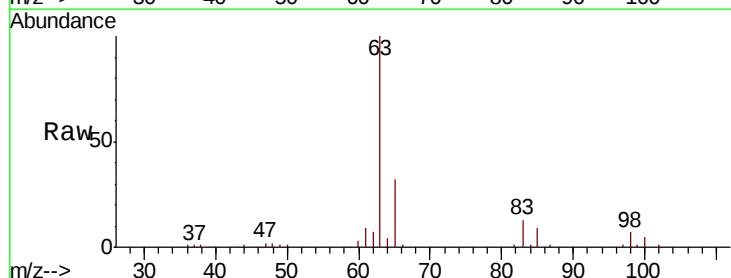
Tgt Ion: 63 Resp: 71893

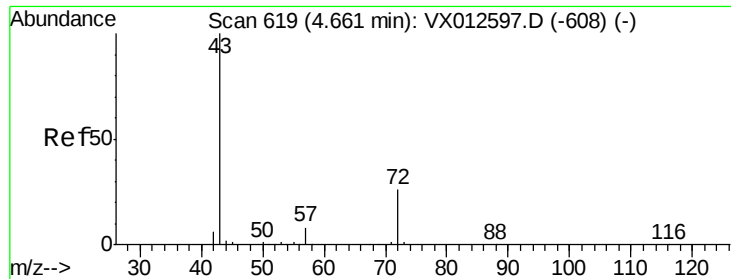
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 83.090 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 43 Resp: 163696

Ion Ratio Lower Upper

43 100

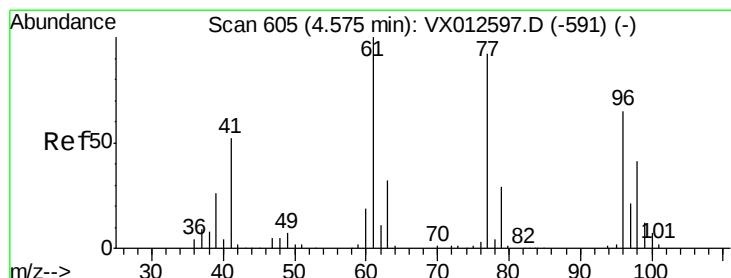
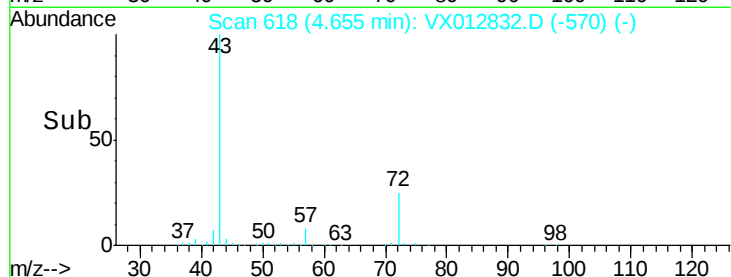
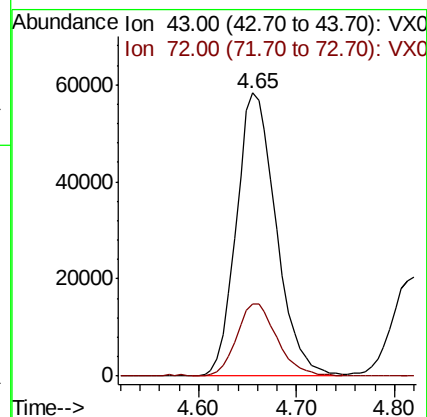
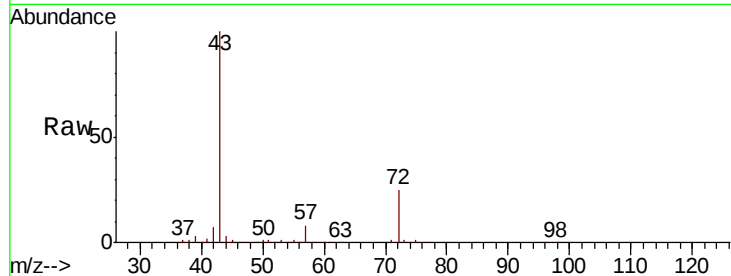
72 25.1 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.233 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012832.D

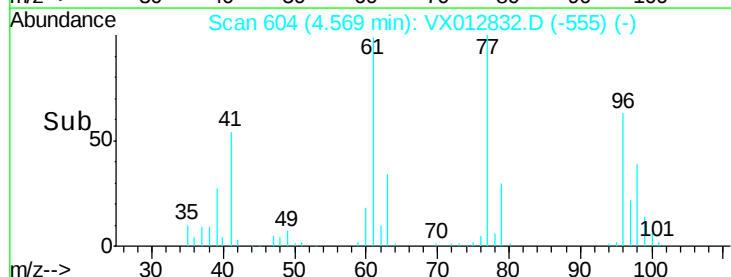
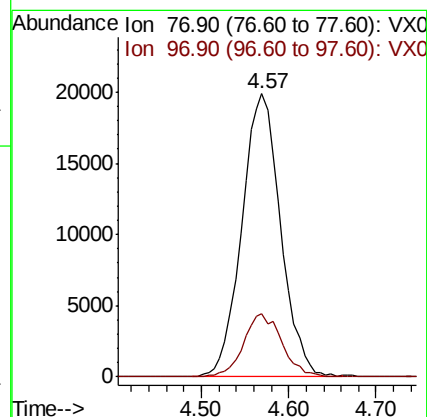
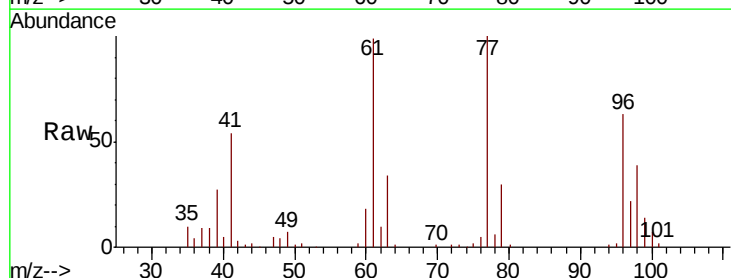
Acq: 07 Oct 2019 12:53

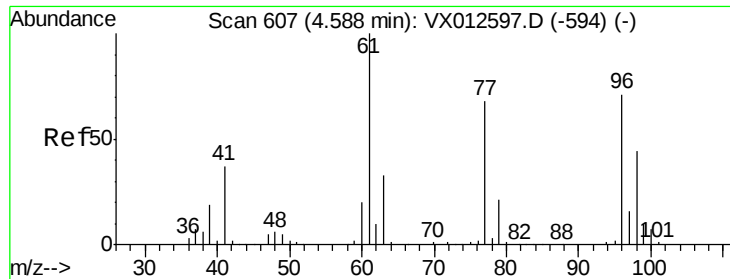
Tgt Ion: 77 Resp: 61172

Ion Ratio Lower Upper

77 100

97 22.0 10.5 31.6





#27

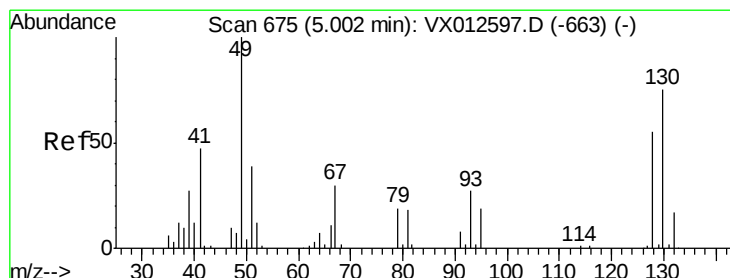
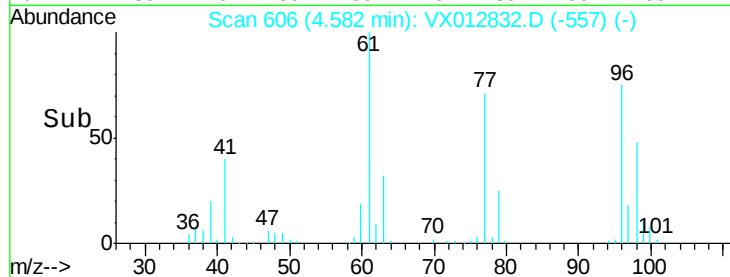
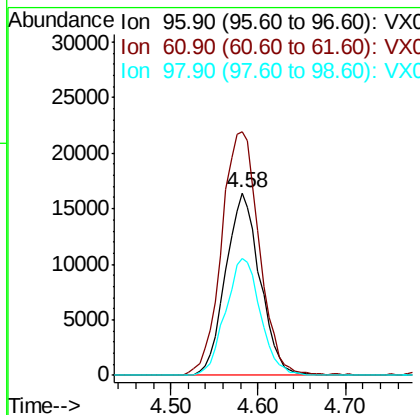
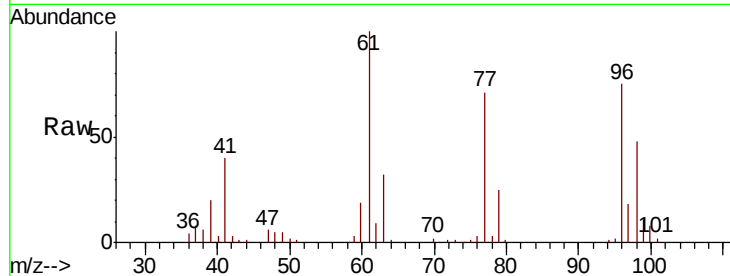
cis-1,2-Dichloroethene
Concen: 18.171 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	44739		
61	146.4	0.0	319.4	
98	65.1	0.0	130.6	

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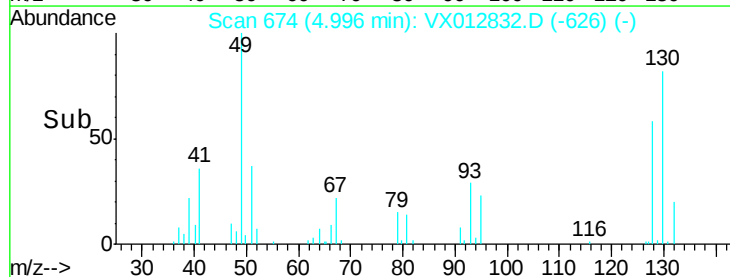
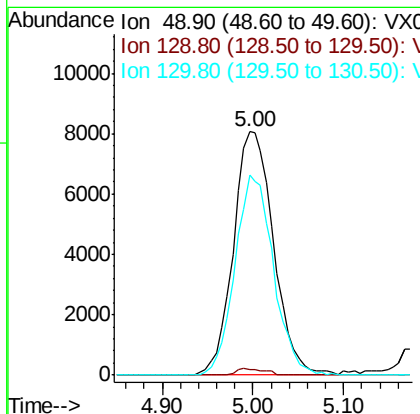
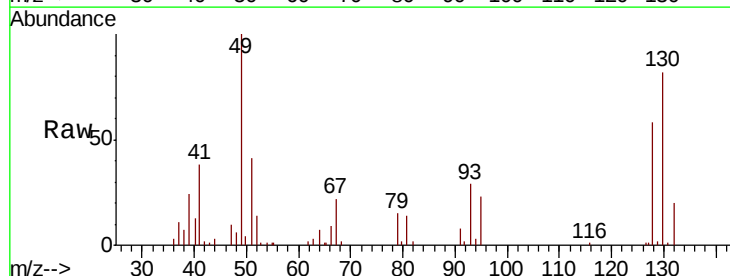
MMDadoda
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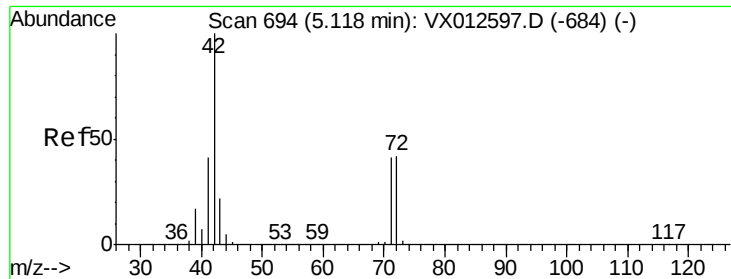


#28

Bromochloromethane
Concen: 17.058 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24720		
129	1.9	0.0	3.8	
130	78.8	58.2	87.4	





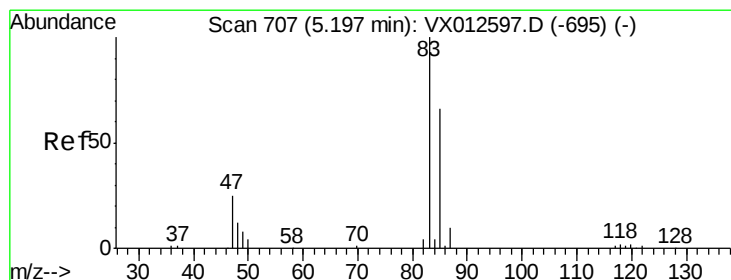
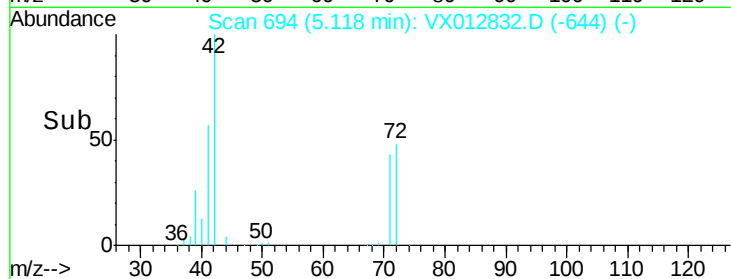
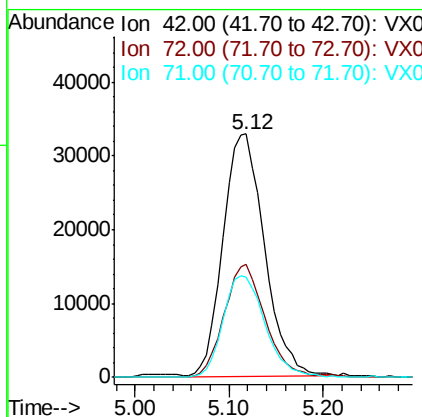
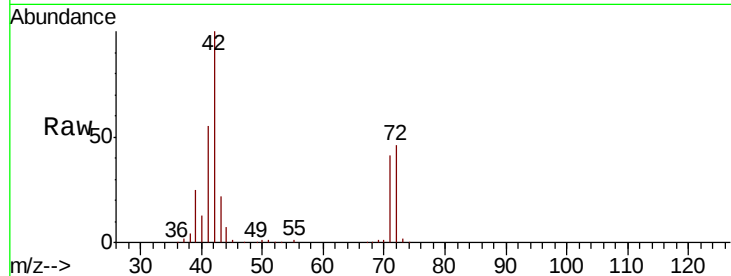
#29
Tetrahydrofuran
Concen: 83.987 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.0	51.0
71	42.6	31.5	47.3

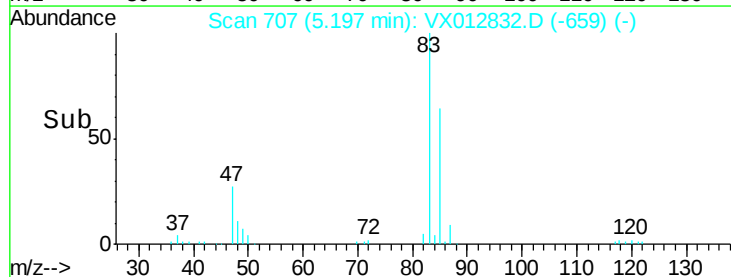
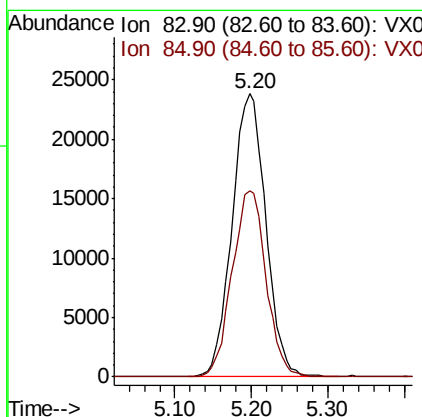
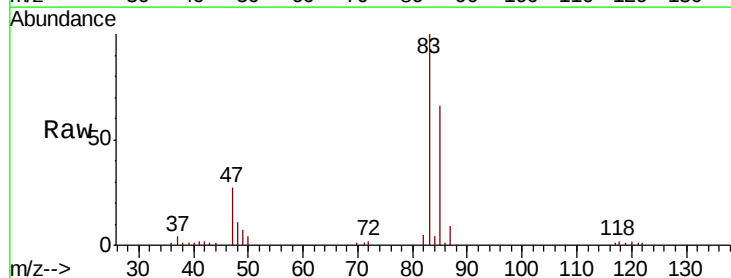
Manual Integrations
APPROVED

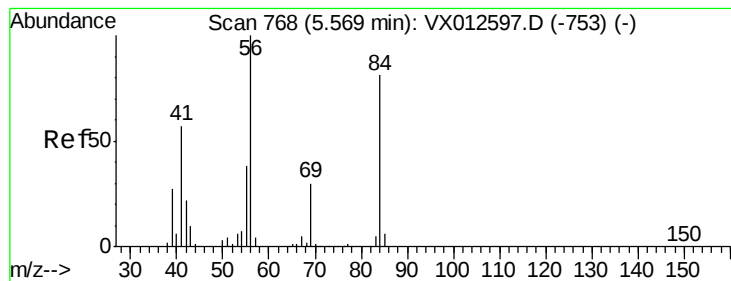
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#30
Chloroform
Concen: 17.856 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	53.0	79.4





#31

Cyclohexane

Concen: 17.230 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

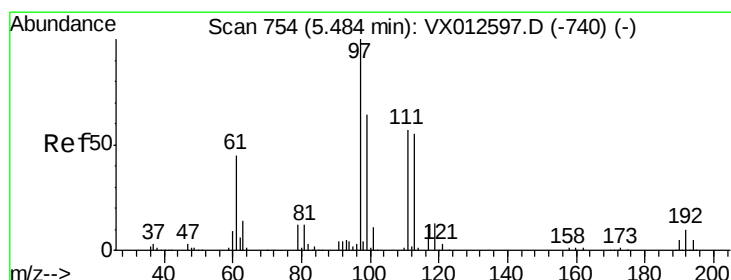
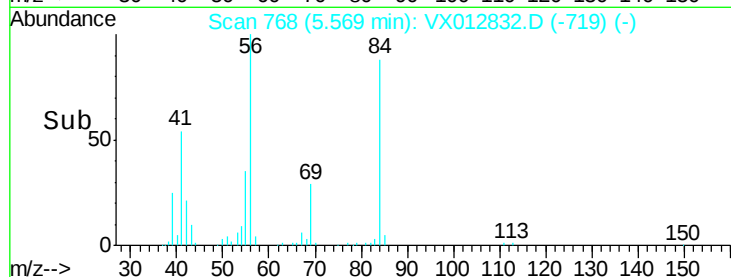
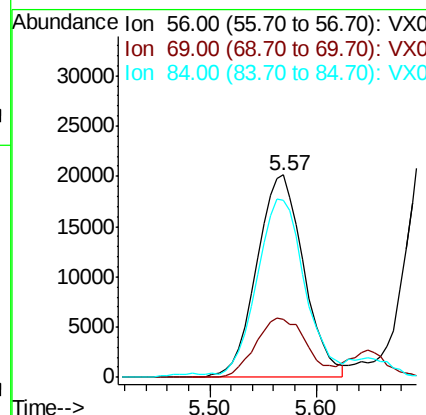
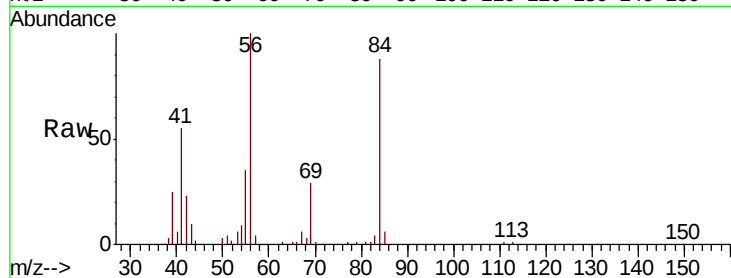
ClientSampleId :

VX1007WBS01

Tot Ion:	56	Resp:	62212
Ion Ratio	Lower	Upper	
56	100		
69	28.7	25.0	37.6
84	85.1	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.468 ug/l

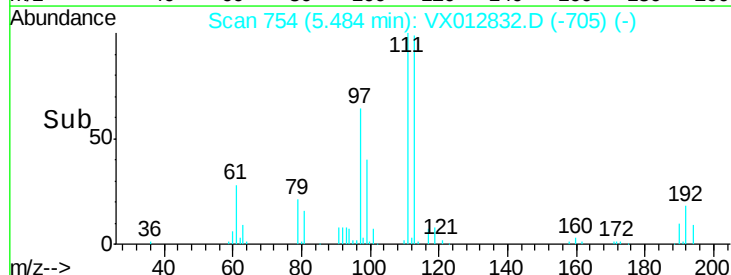
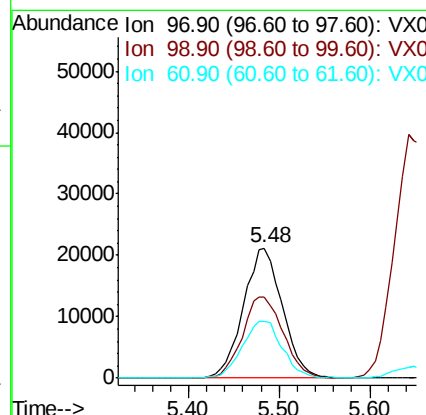
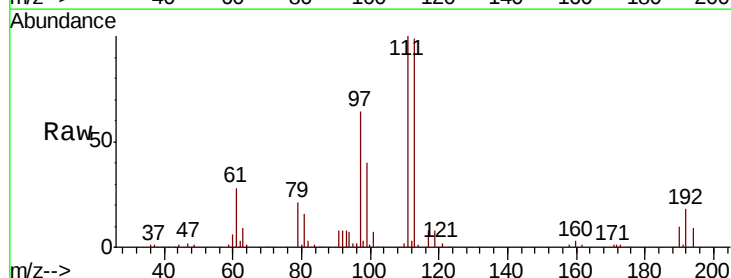
RT: 5.48 min Scan# 754

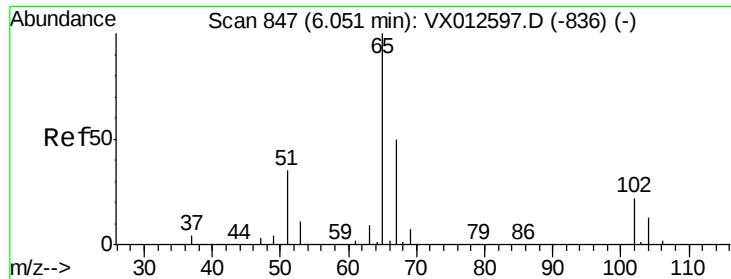
Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:	97	Resp:	63215
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.3	76.9
61	44.6	36.1	54.1





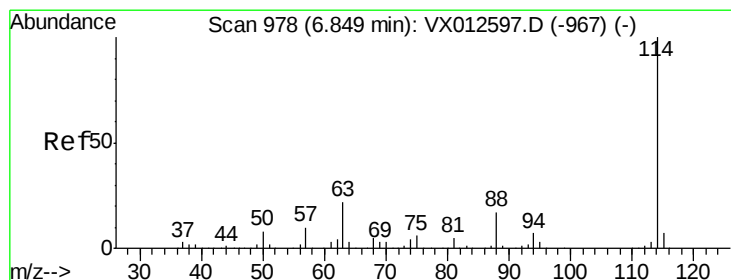
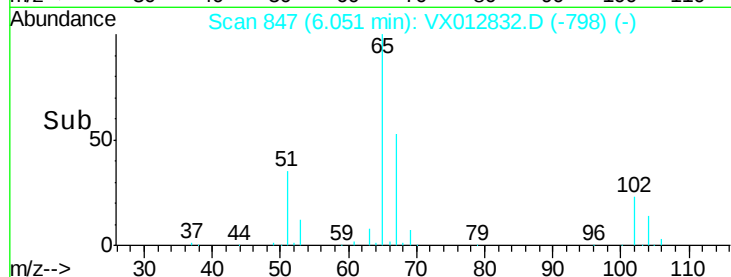
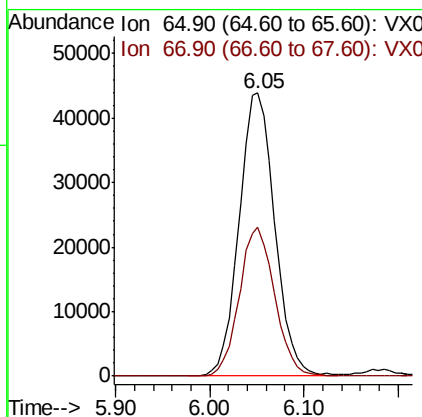
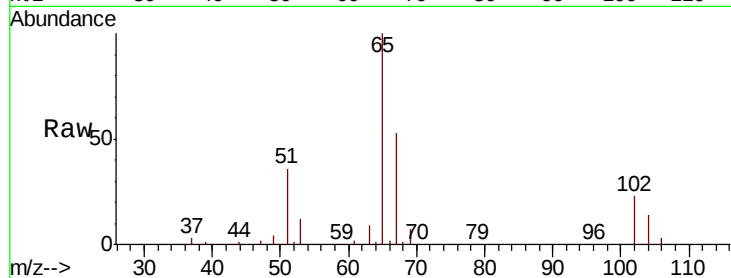
#33
 1,2-Dichloroethane-d4
 Concen: 44.797 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	116203		
67	52.2	0.0	101.2	

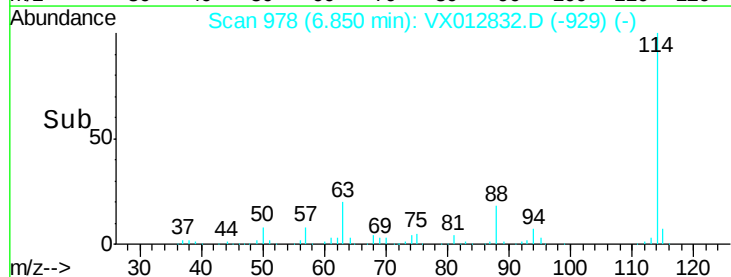
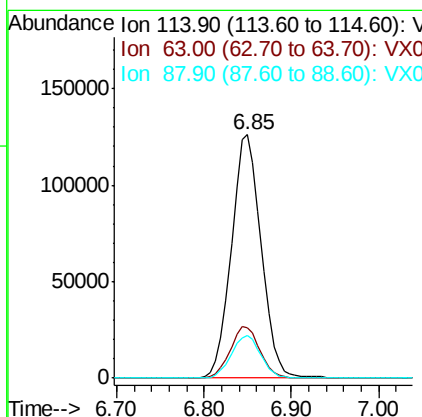
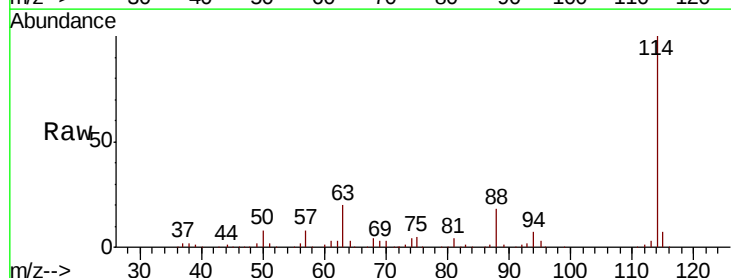
Manual Integrations
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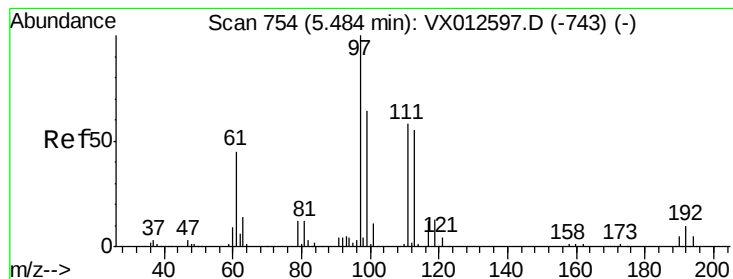
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	298731		
63	20.5	0.0	43.2	
88	17.7	0.0	33.2	





#35

Dibromofluoromethane

Concen: 51.795 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

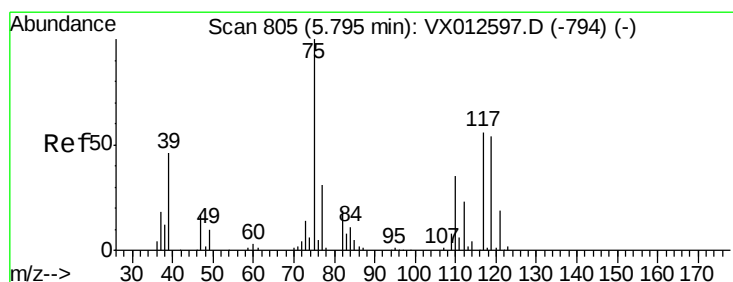
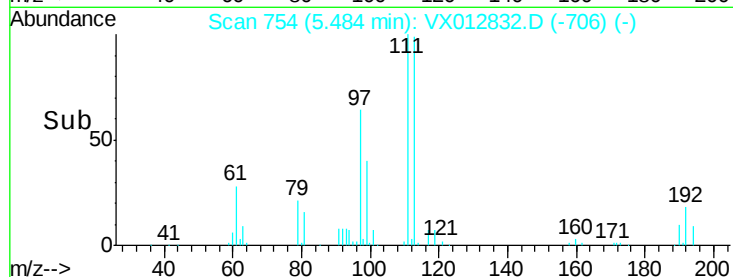
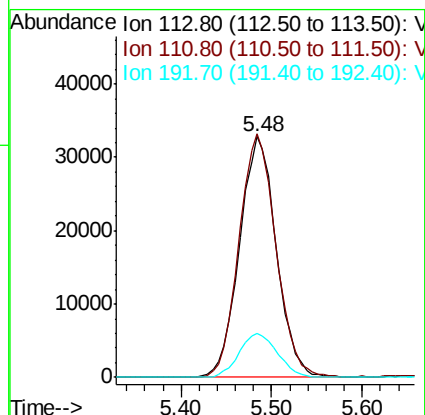
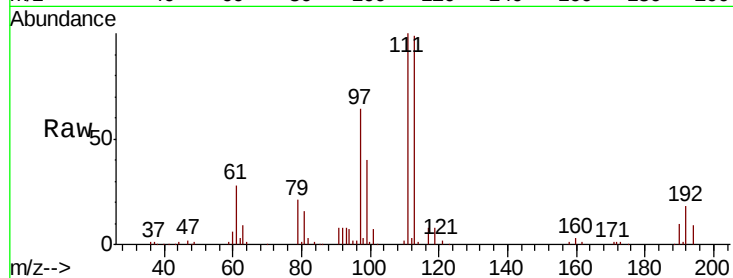
ClientSampleId :

VX1007WBS01

Tot Ion:	113	Resp:	92147
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.4	125.2
192	18.9	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.588 ug/l

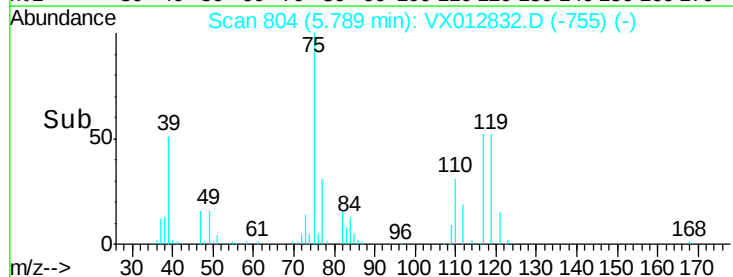
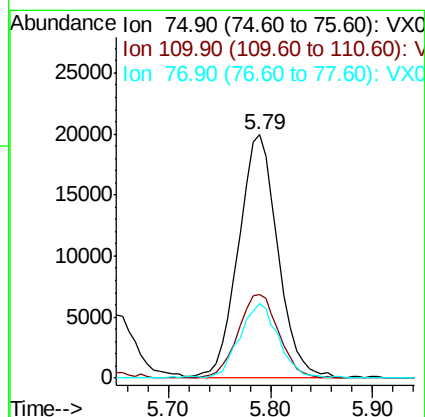
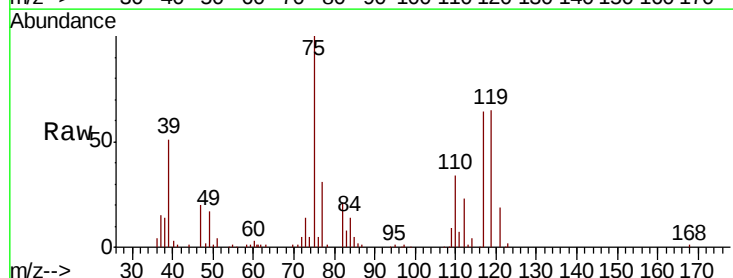
RT: 5.79 min Scan# 804

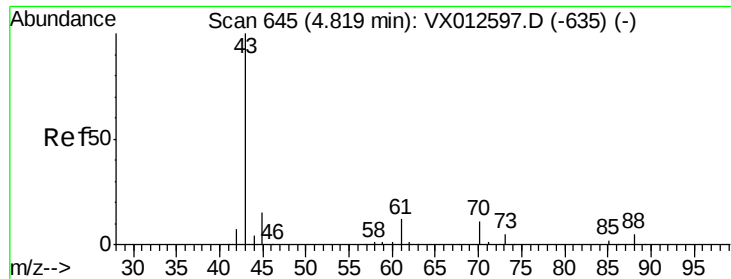
Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:	75	Resp:	53524
Ion	Ratio	Lower	Upper
75	100		
110	35.4	16.7	50.0
77	30.5	24.2	36.2





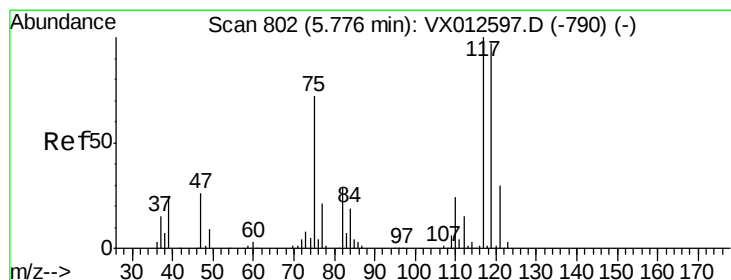
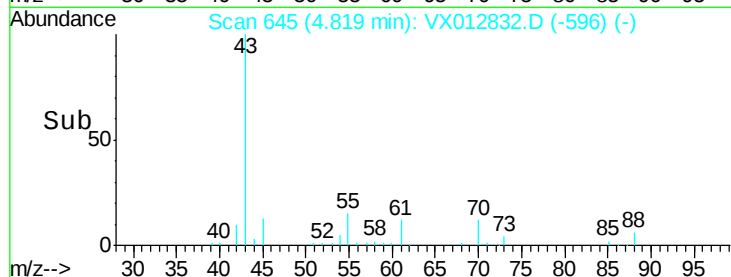
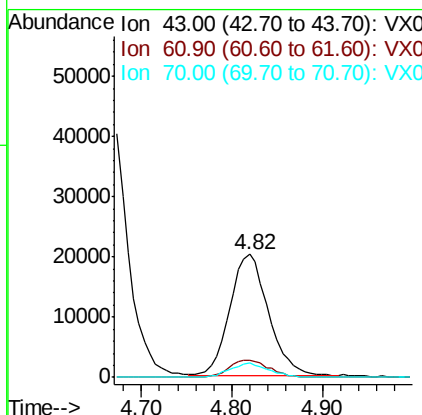
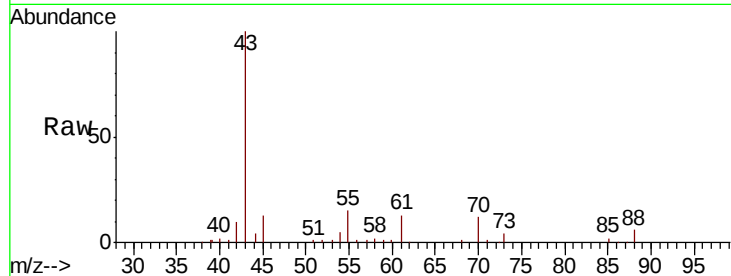
#37
Ethyl Acetate
Concen: 17.867 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.2	15.4
70	11.6	8.7	13.1

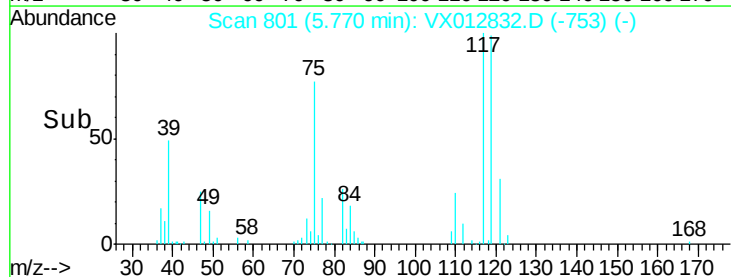
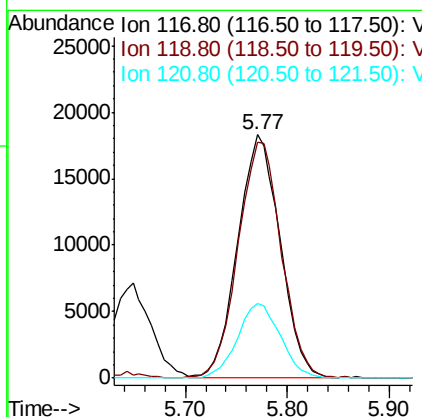
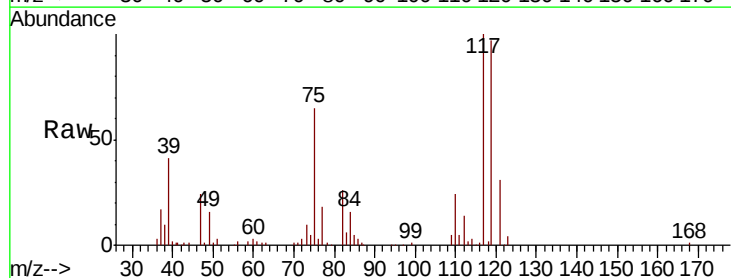
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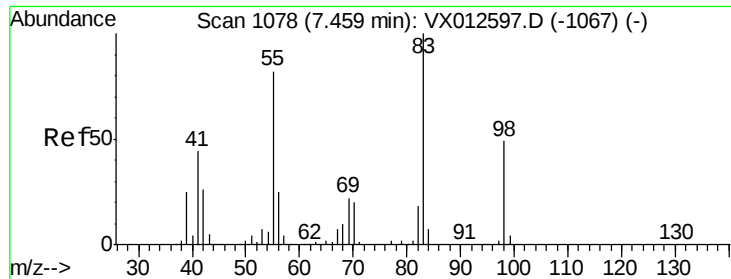
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#38
Carbon Tetrachloride
Concen: 17.920 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.7	113.5
121	30.8	24.2	36.4





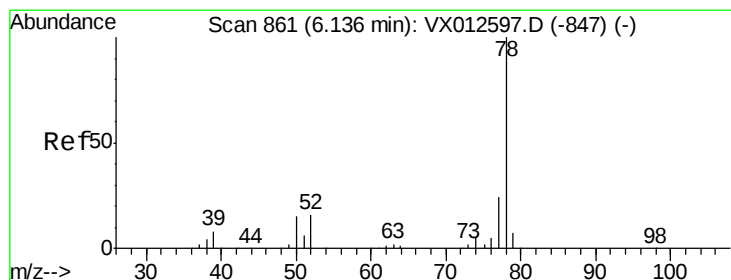
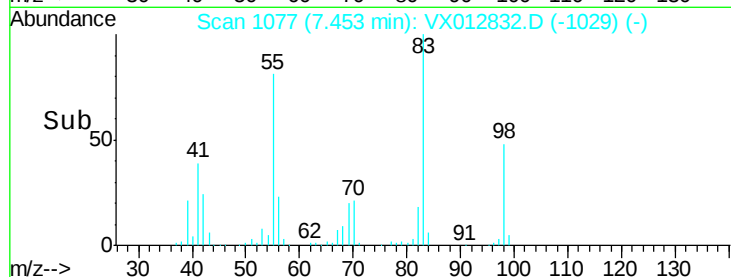
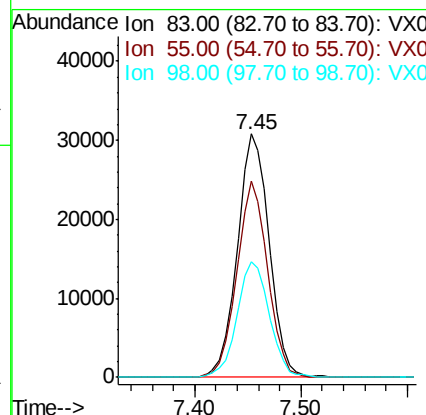
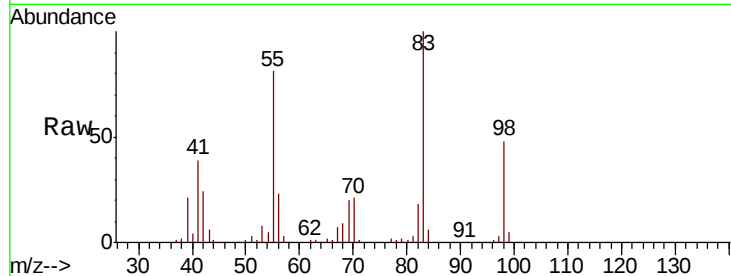
#39
Methvlcvclohexane
Concen: 18.667 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	64.4	96.6
98	47.6	40.1	60.1

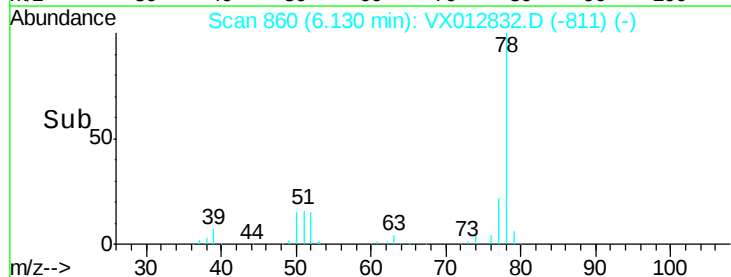
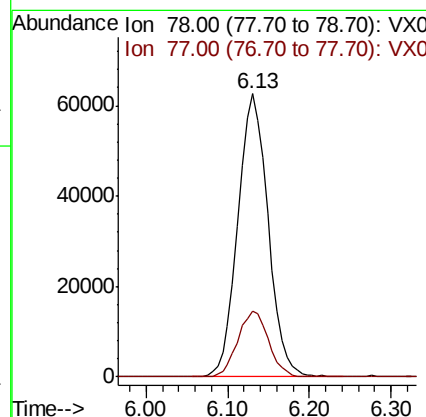
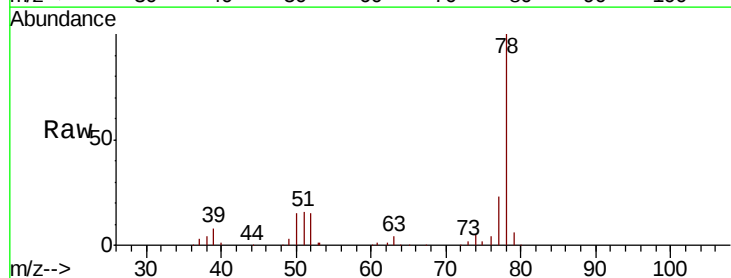
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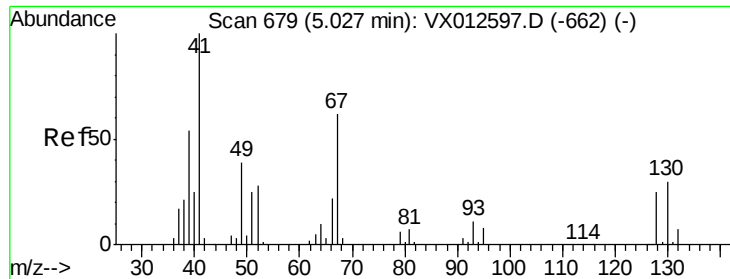
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#40
Benzene
Concen: 18.966 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 18.072 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 41 Resp: 34133

Ion Ratio Lower Upper

41 100

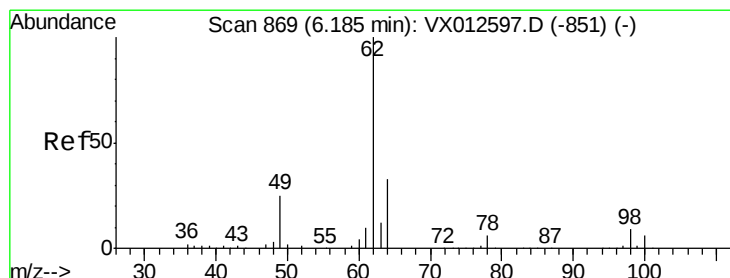
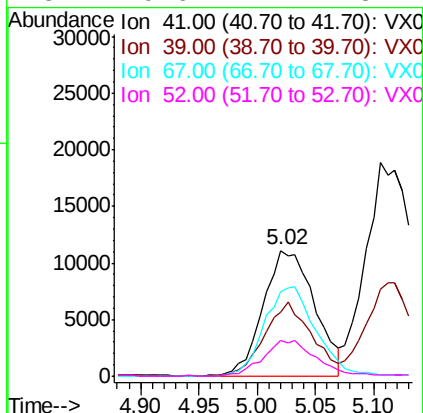
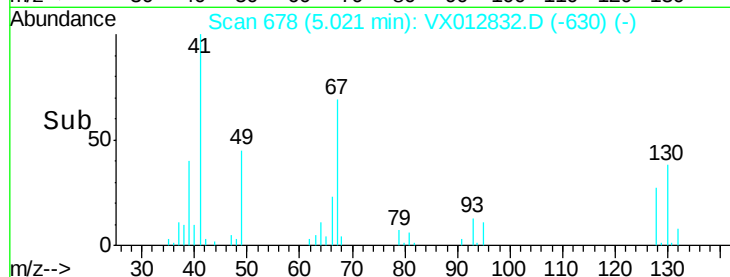
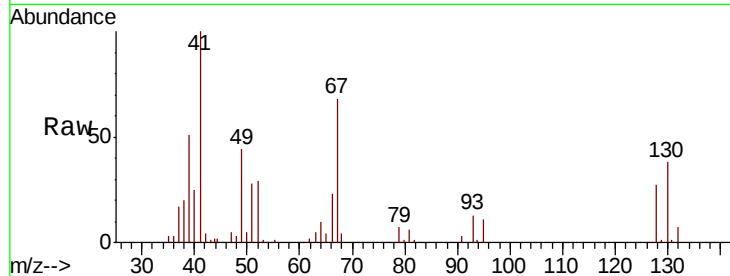
39 54.2 46.0 69.0

67 71.2 52.2 78.2

52 29.6 22.7 34.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.430 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012832.D

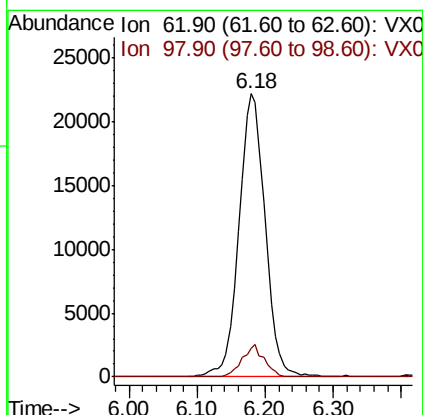
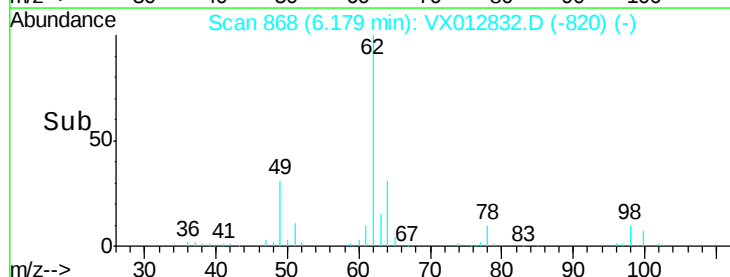
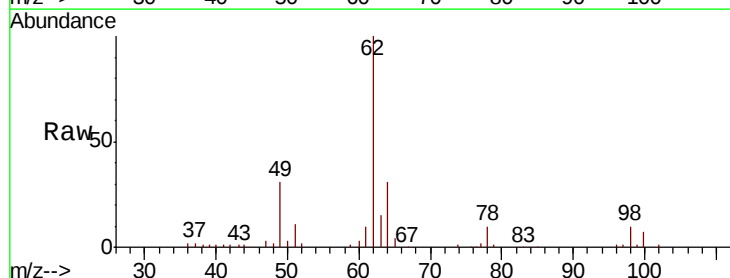
Acq: 07 Oct 2019 12:53

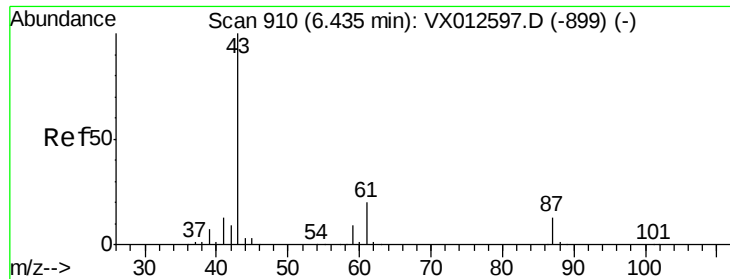
Tgt Ion: 62 Resp: 59292

Ion Ratio Lower Upper

62 100

98 9.6 0.0 17.8





#43

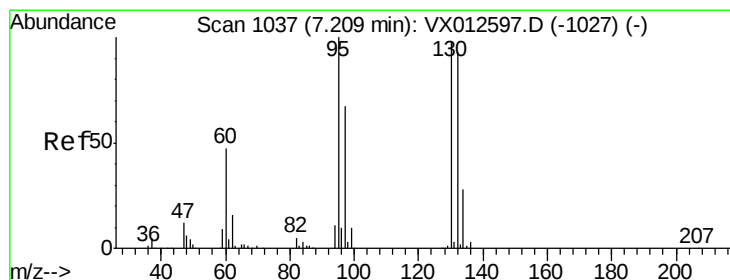
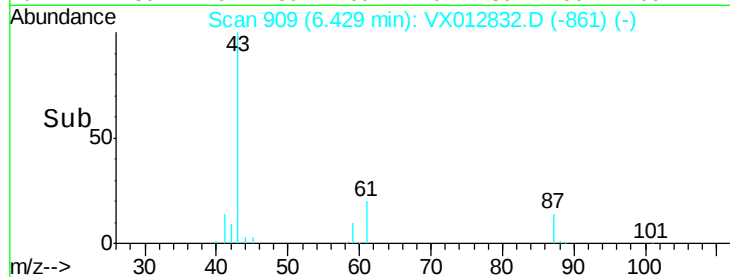
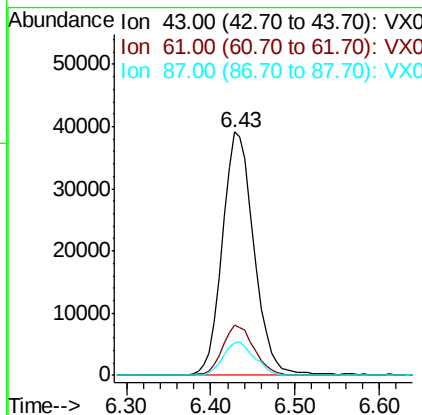
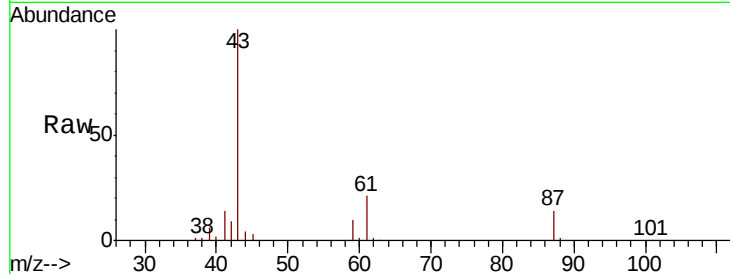
Isopropyl Acetate
 Concen: 17.677 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion	43	61	87
Resp	99515		
Ratio	100	20.8	13.7
Lower		15.4	9.8
Upper		23.0	14.8

Manual Integrations
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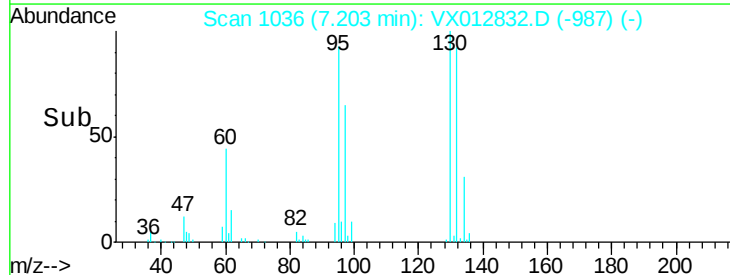
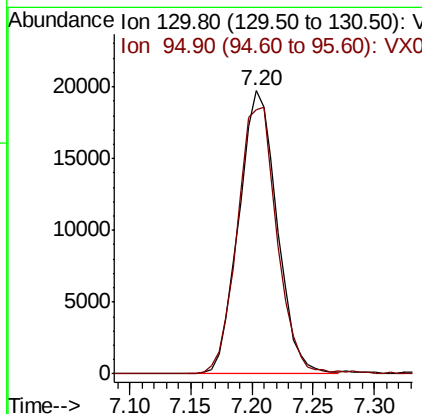
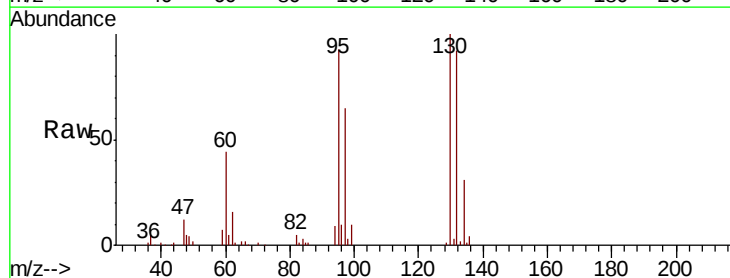
MMDadoda
 10/8/2019 2:06:43 PM

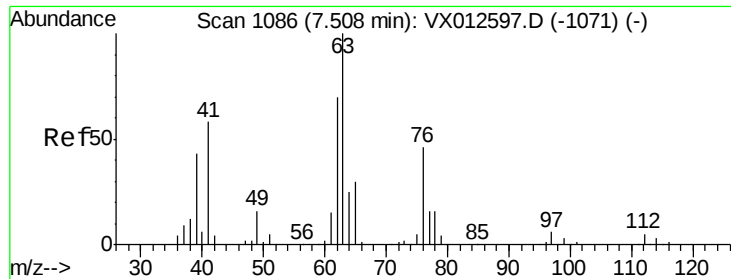


#44

Trichloroethene
 Concen: 19.773 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion	130	95
Resp	42826	
Ratio	100	93.4
Lower		0.0
Upper		193.0





#45

1,2-Dichloropropane

Concen: 19.119 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 63 Resp: 41470

Ion Ratio Lower Upper

63 100

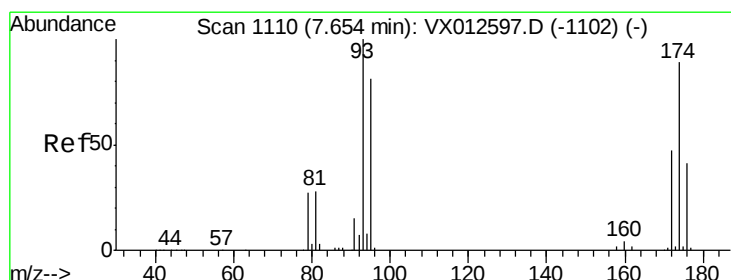
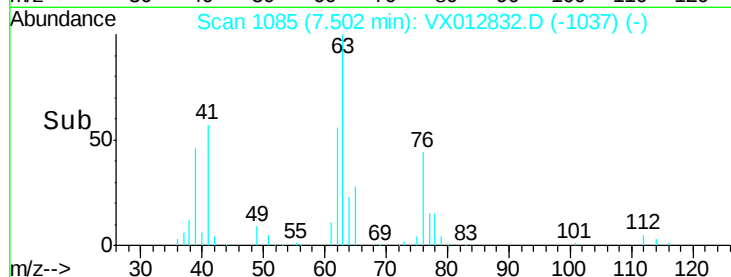
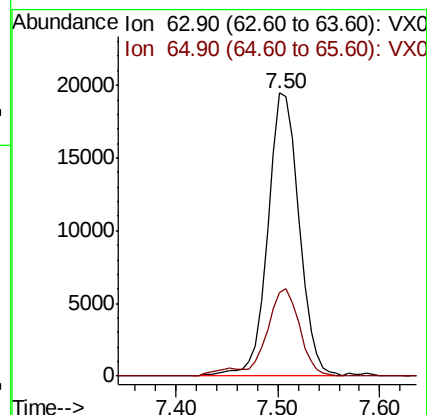
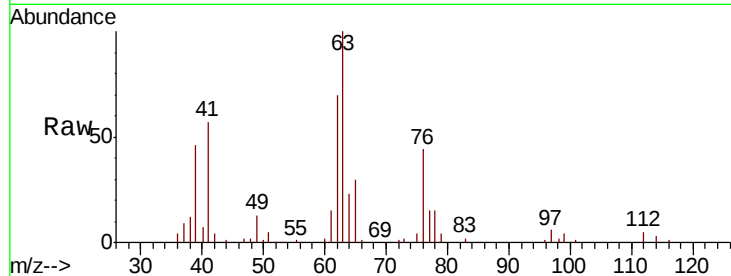
65 29.7 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 18.805 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

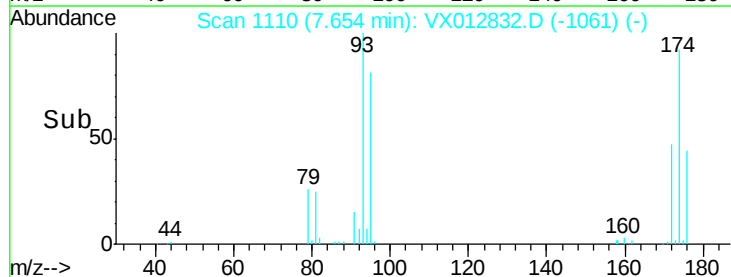
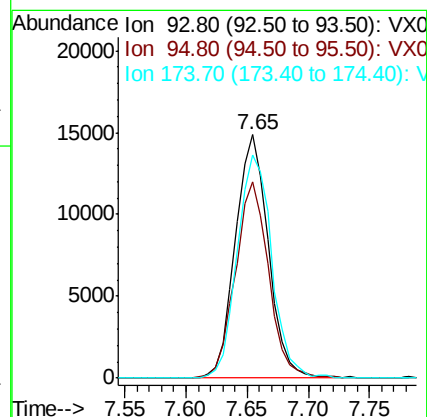
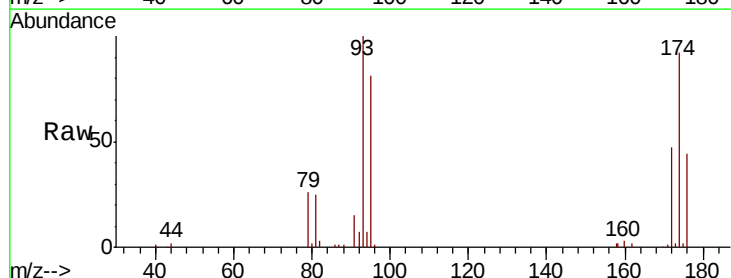
Tgt Ion: 93 Resp: 27771

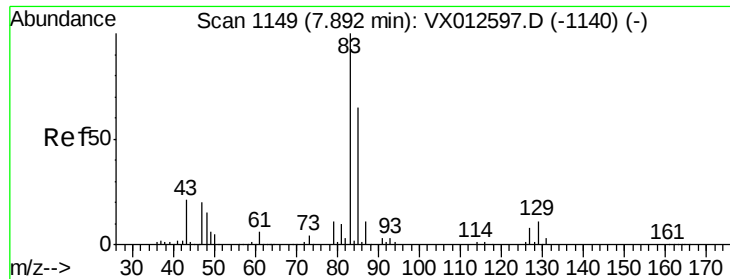
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 96.0 77.4 116.0





#47

Bromodichloromethane

Concen: 18.662 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

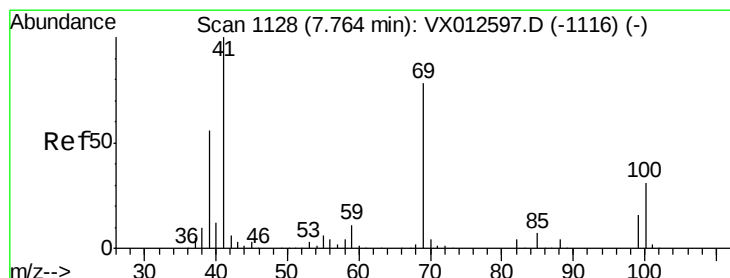
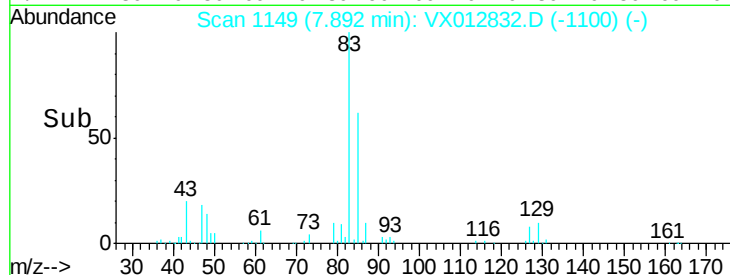
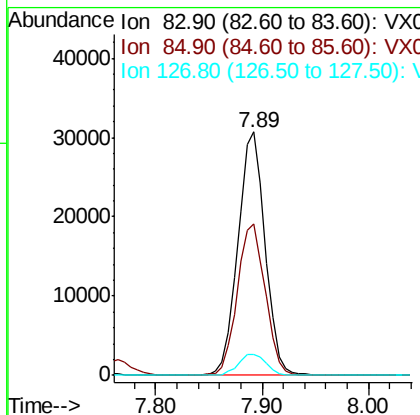
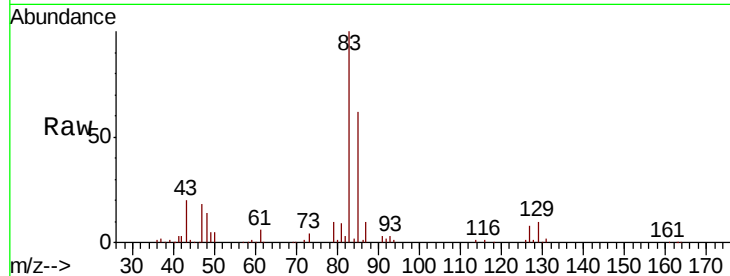
ClientSampleId :

VX1007WBS01

Tot Ion:	83	Resp:	55084
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.6
127	8.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.764 ug/l

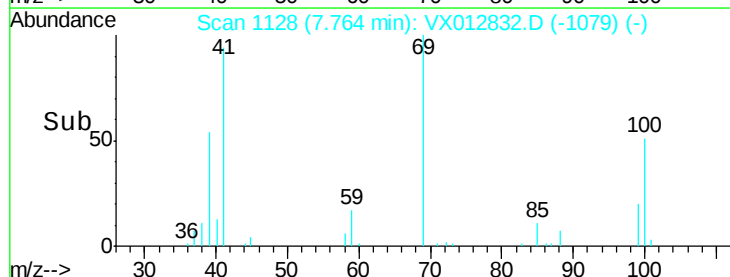
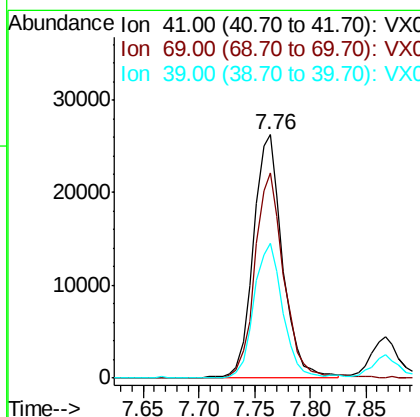
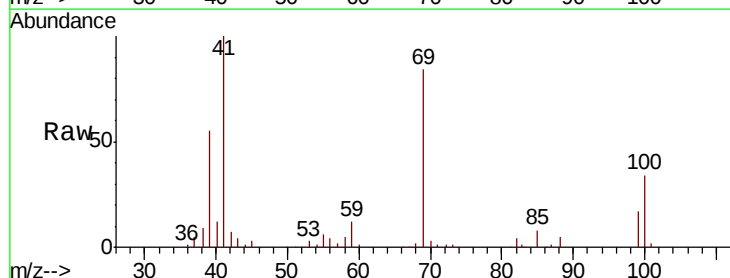
RT: 7.76 min Scan# 1128

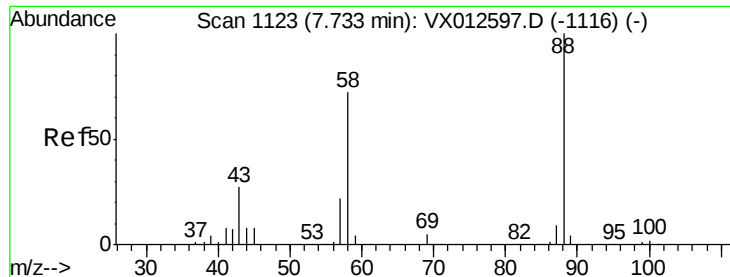
Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:	41	Resp:	47951
Ion	Ratio	Lower	Upper
41	100		
69	84.1	59.9	89.9
39	55.5	47.8	71.6





#49

1,4-Dioxane

Concen: 365.494 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

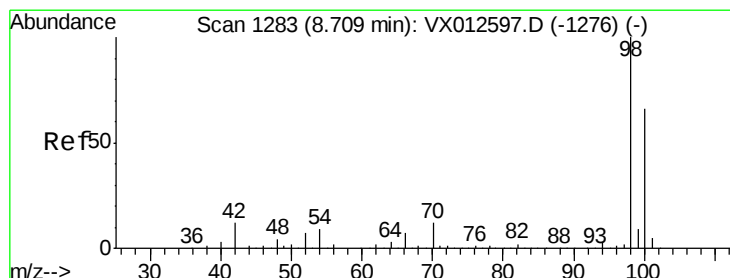
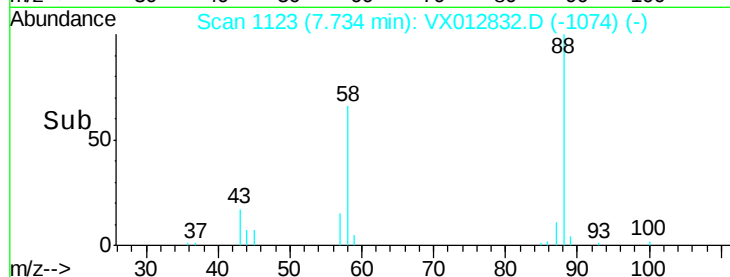
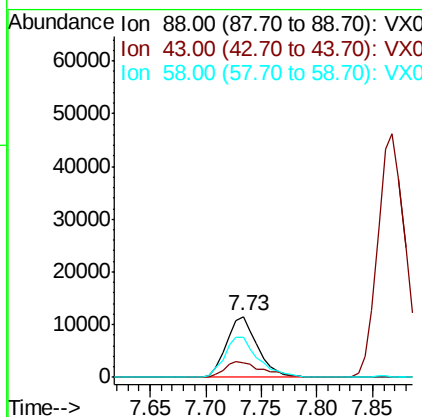
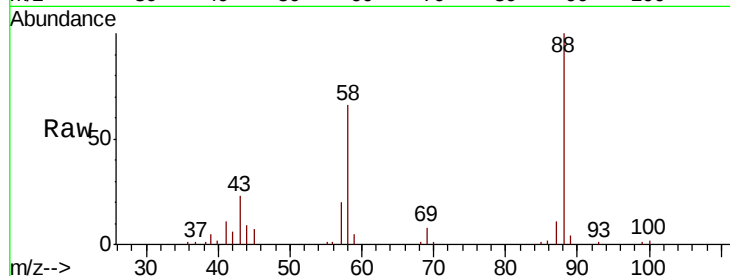
ClientSampleId :

VX1007WBS01

Tot Ion:	88	Resp:	22378
Ion	Ratio	Lower	Upper
88	100		
43	31.8	29.4	44.0
58	71.3	57.5	86.3

Manual Integrations
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#50

Toluene-d8

Concen: 50.192 ug/l

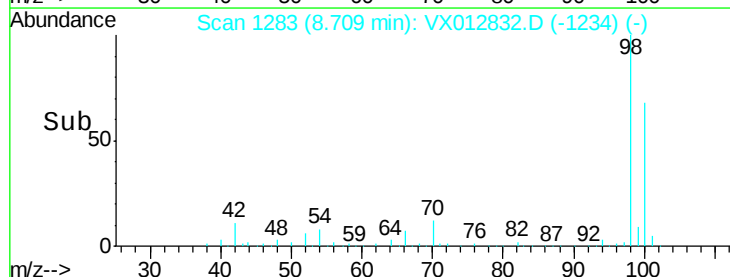
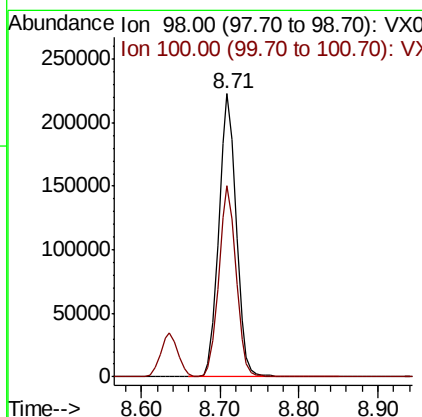
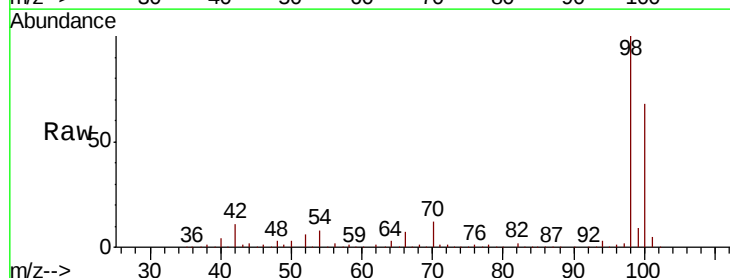
RT: 8.71 min Scan# 1283

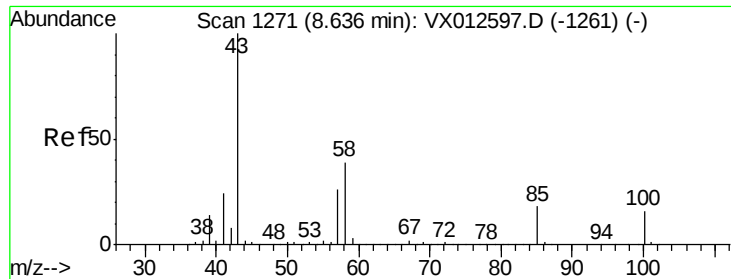
Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:	98	Resp:	343882
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 88.983 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 43 Resp: 309221

Ion Ratio Lower Upper

43 100

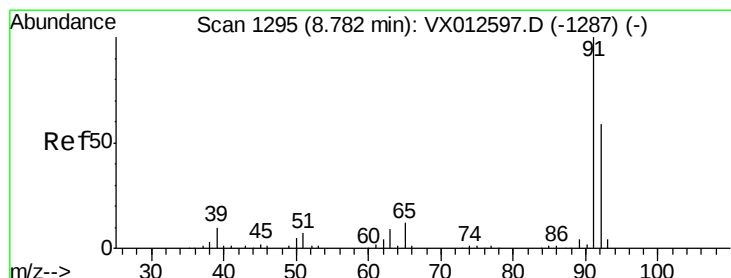
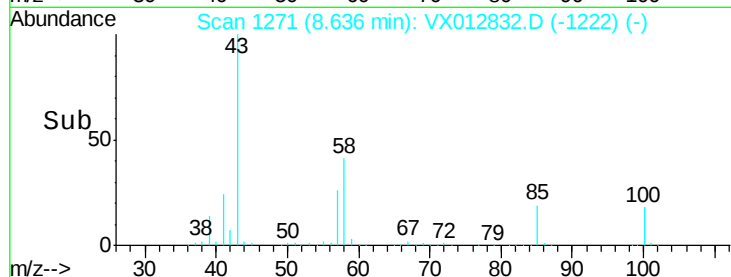
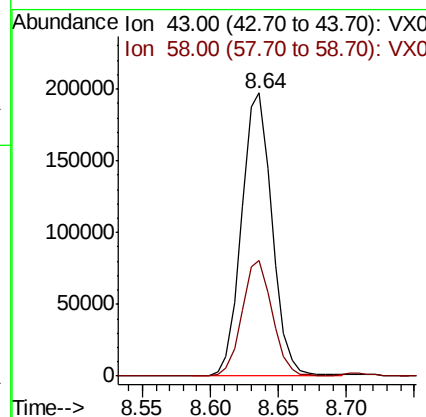
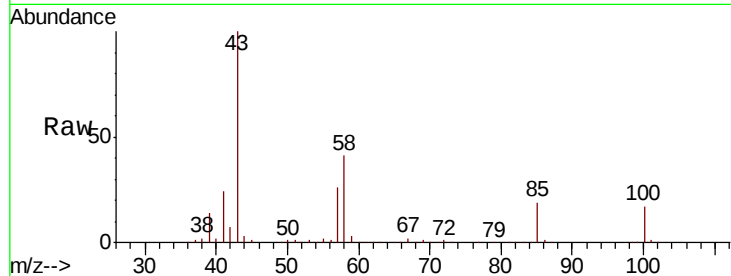
58 40.3 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 19.097 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012832.D

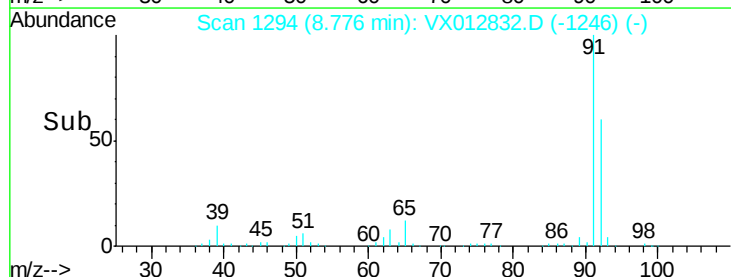
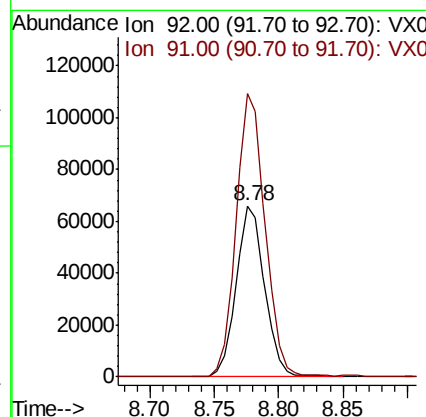
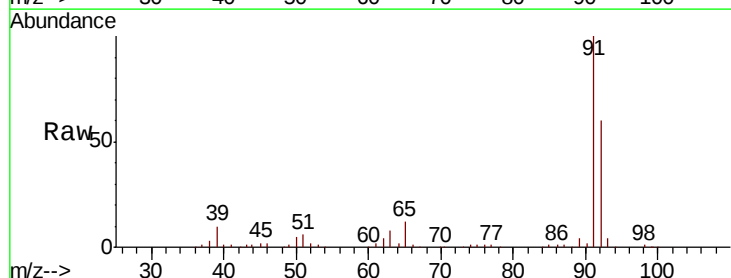
Acq: 07 Oct 2019 12:53

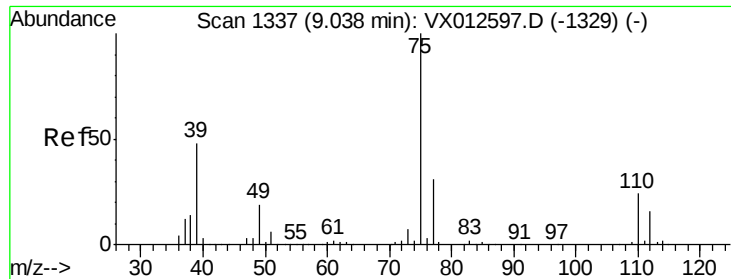
Tgt Ion: 92 Resp: 101688

Ion Ratio Lower Upper

92 100

91 168.2 135.4 203.0





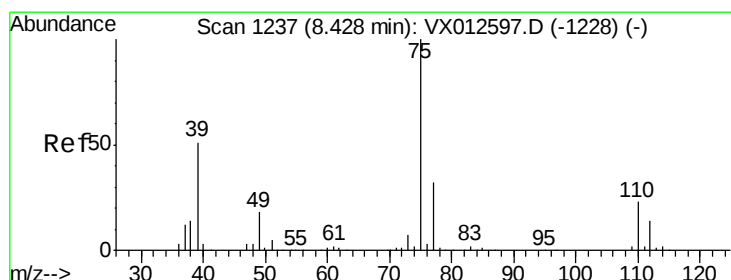
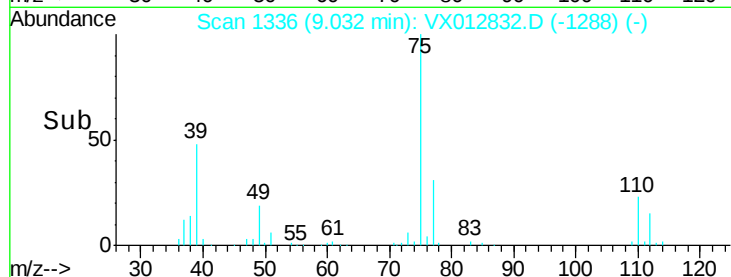
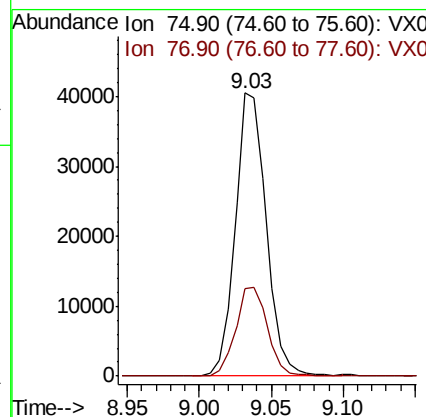
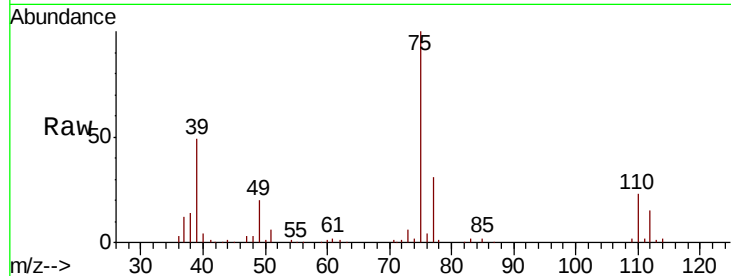
#53
t-1,3-Dichloropropene
Concen: 18.618 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion: 75 Resp: 60800
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8

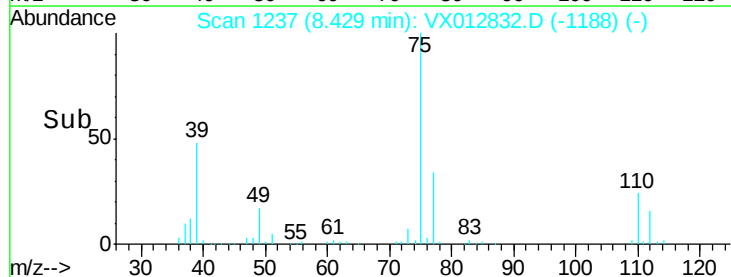
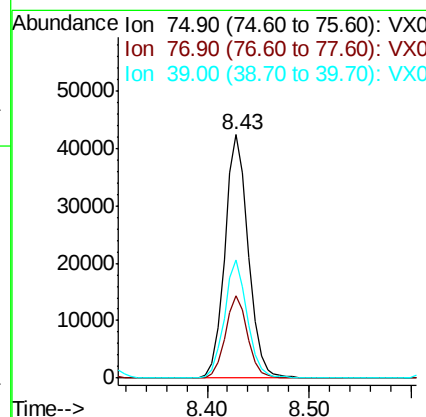
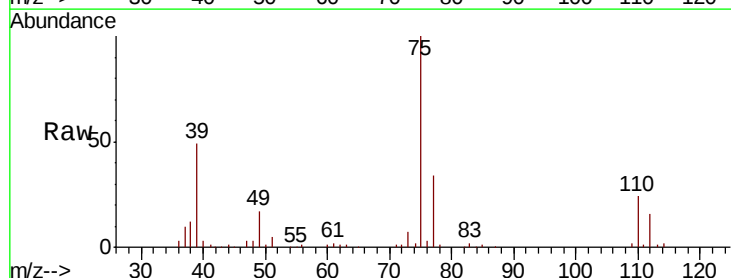
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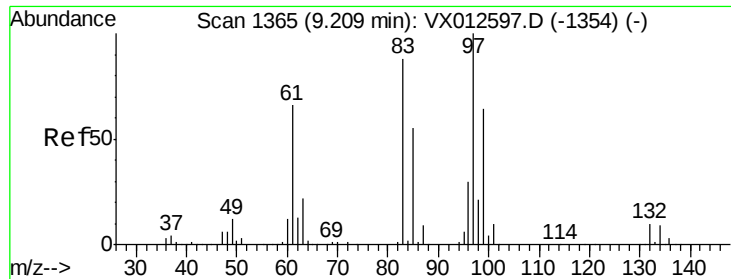
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#54
cis-1,3-Dichloropropene
Concen: 18.920 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 75 Resp: 67462
Ion Ratio Lower Upper
75 100
77 33.7 25.8 38.8
39 48.4 45.5 68.3





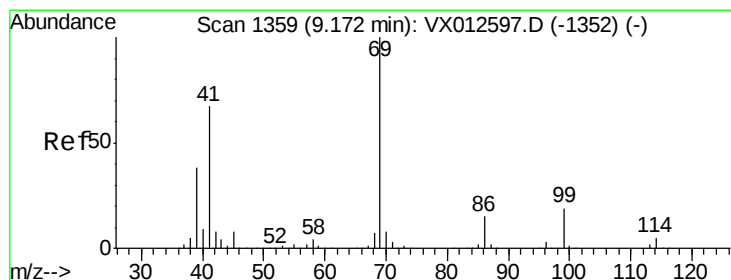
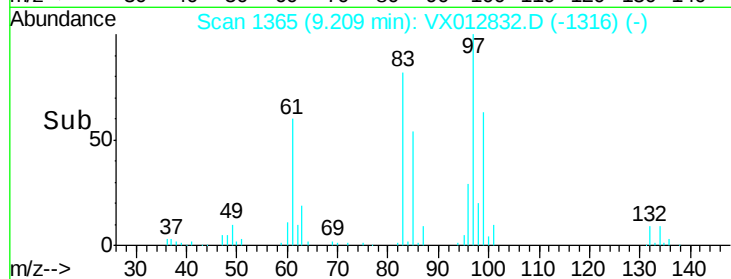
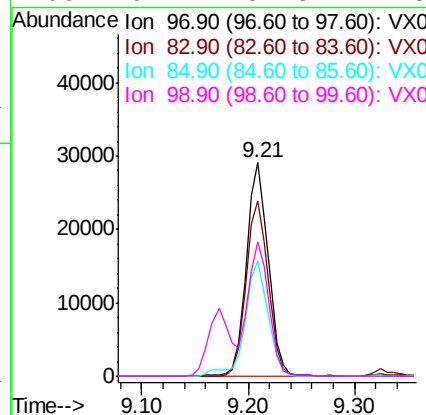
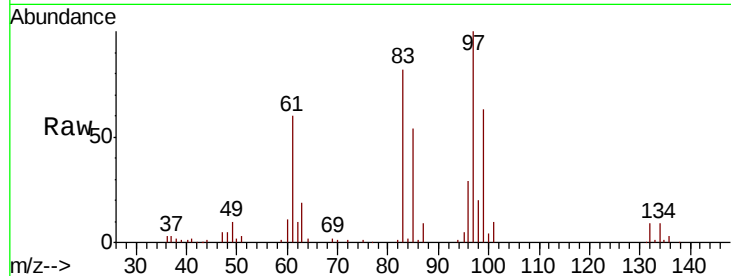
#55
 1,1,2-Trichloroethane
 Concen: 19.845 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion:	97	Resp:	42011
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.4	101.2
85	54.0	43.5	65.3
99	62.7	51.8	77.8

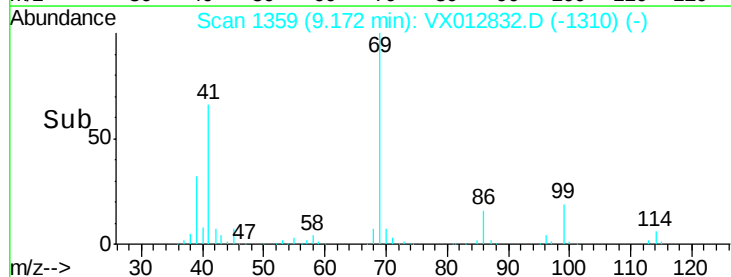
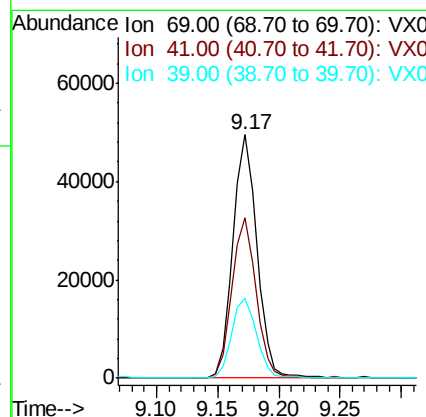
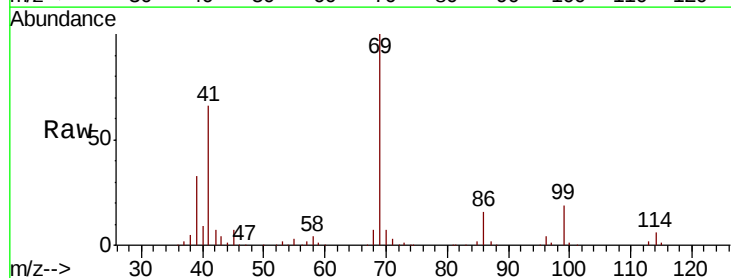
Manual Integrations
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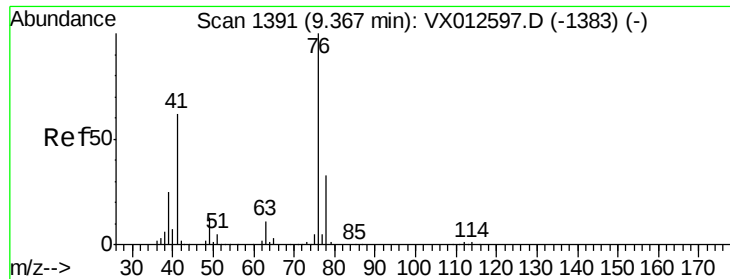
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#56
 Ethyl methacrylate
 Concen: 18.965 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion:	69	Resp:	67451
Ion	Ratio	Lower	Upper
69	100		
41	66.4	58.4	87.6
39	34.8	33.4	50.0





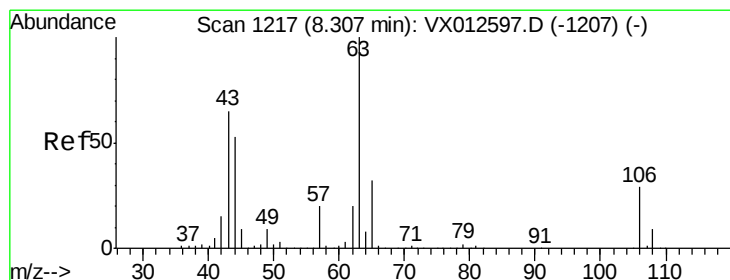
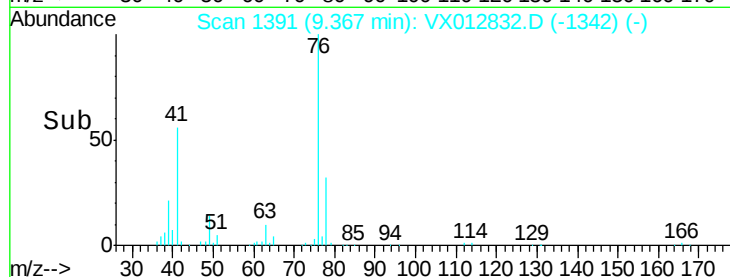
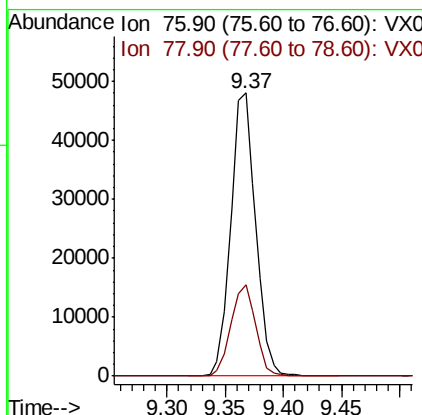
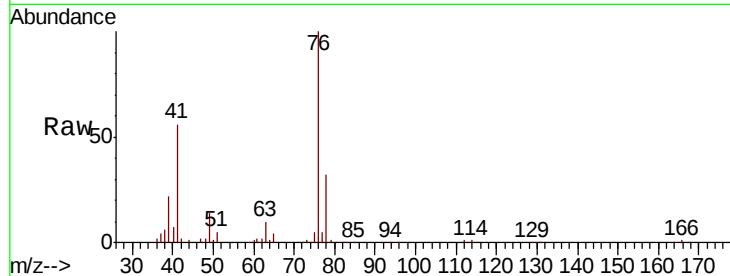
#57
 1,3-Dichloropropane
 Concen: 19.353 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampled :
 VX1007WBS01

Tot Ion: 76 Resp: 71706
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

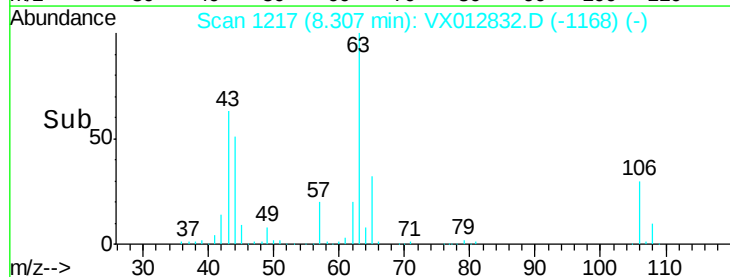
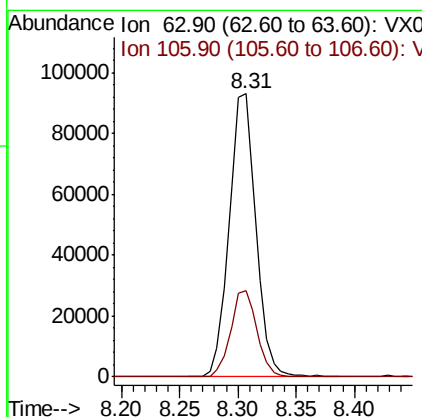
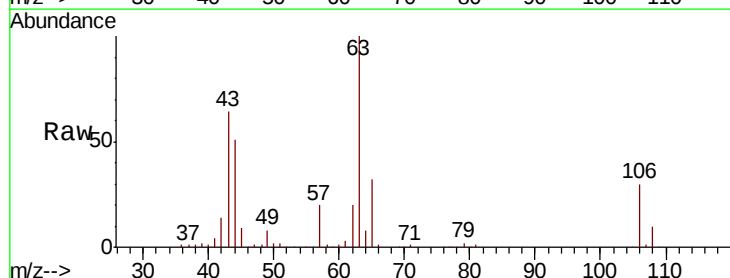
Manual Integrations
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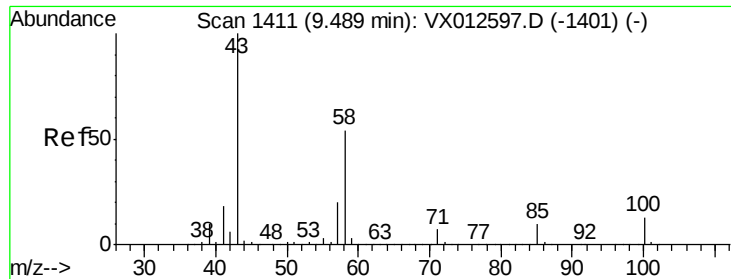
MMDadoda
 10/8/2019 2:06:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.313 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 63 Resp: 148969
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.6





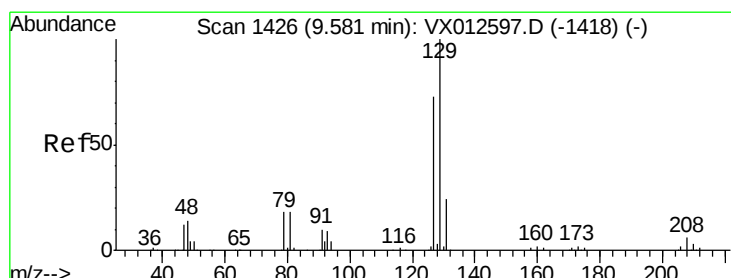
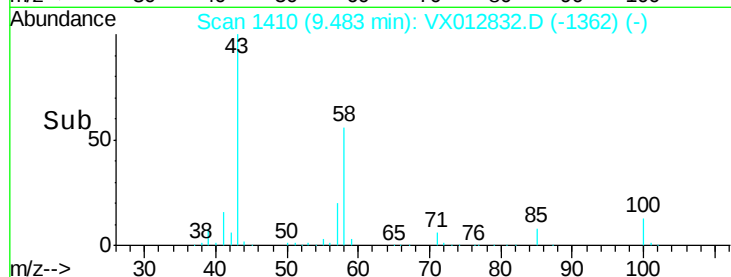
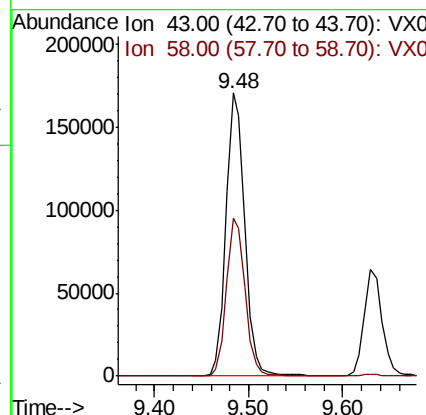
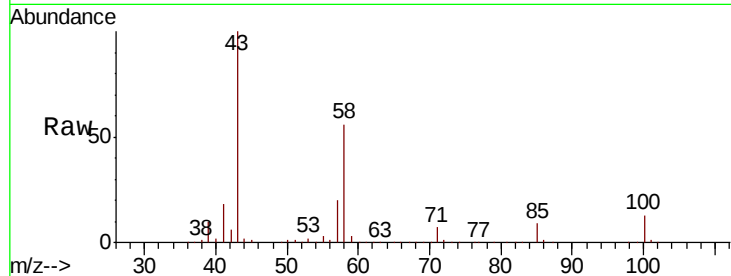
#59
2-Hexanone
Concen: 88.586 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion: 43 Resp: 235636
Ion Ratio Lower Upper
43 100
58 56.0 25.7 77.1

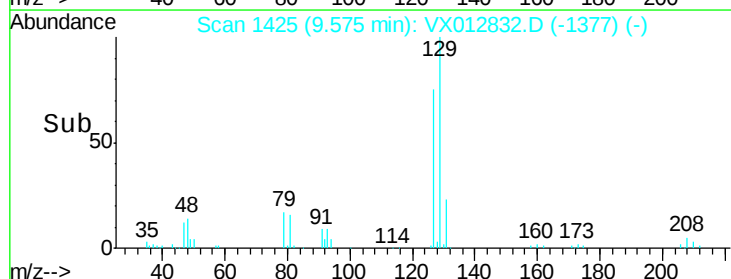
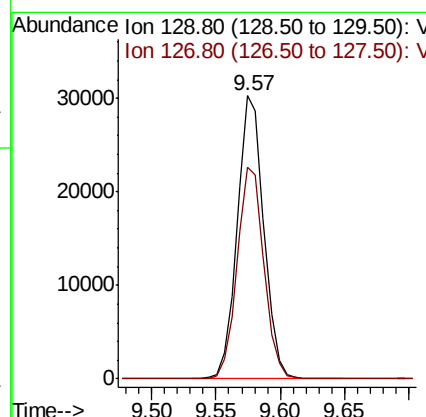
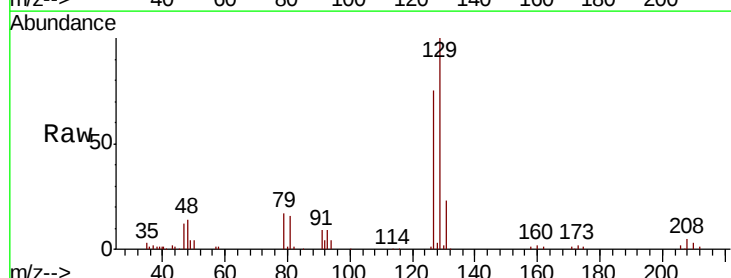
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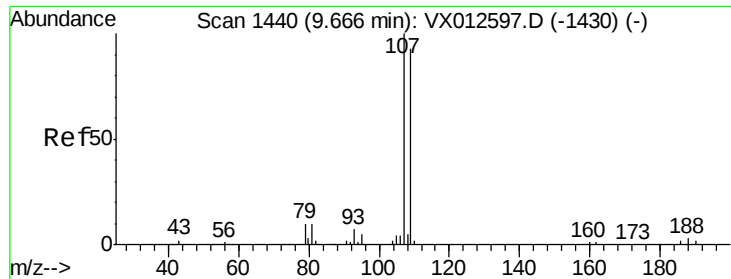
MMDadoda
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#60
Dibromochloromethane
Concen: 20.253 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 129 Resp: 43403
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





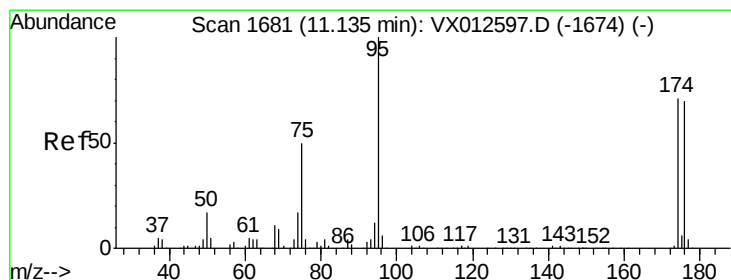
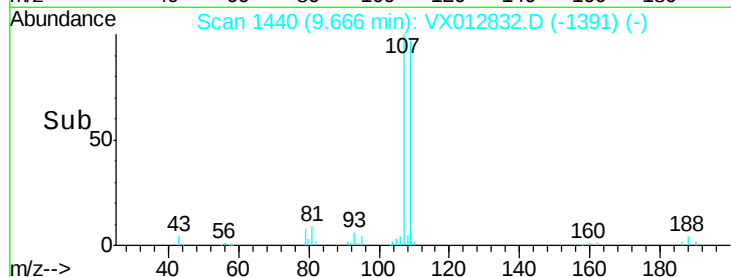
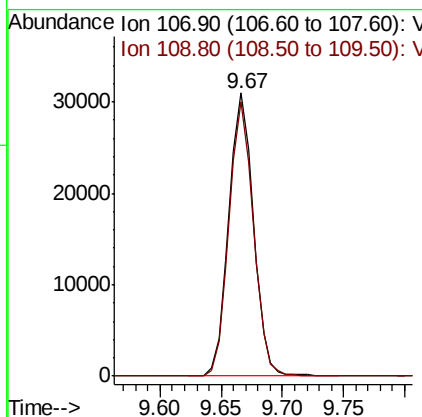
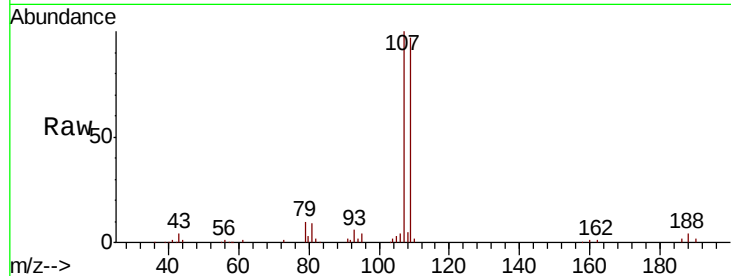
#61
 1,2-Dibromoethane
 Concen: 19.590 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion:107 Resp: 43160
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.7 112.1

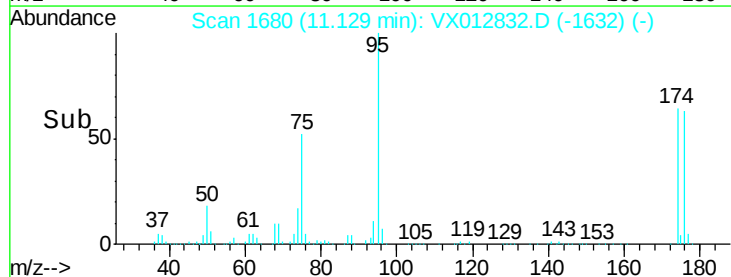
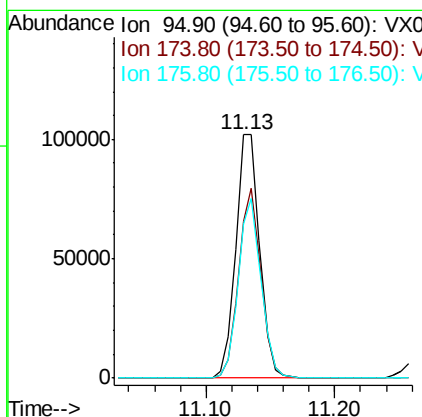
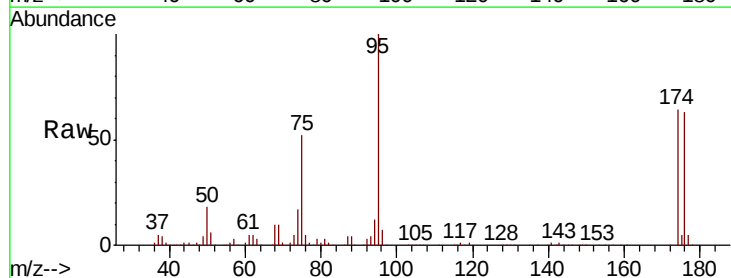
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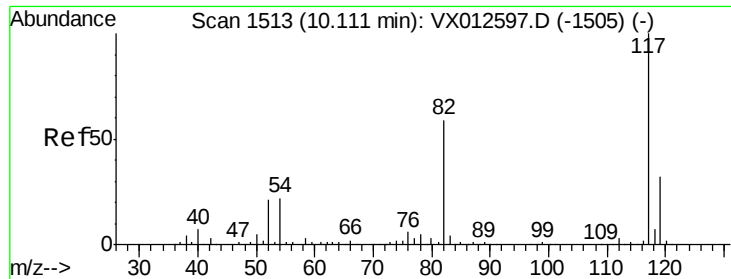
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#62
 4-Bromofluorobenzene
 Concen: 48.828 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 95 Resp: 131541
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 140.0
 176 70.1 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

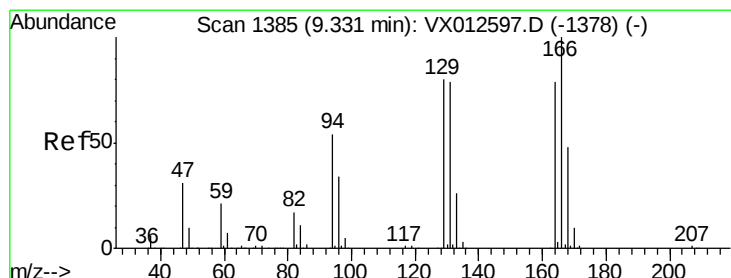
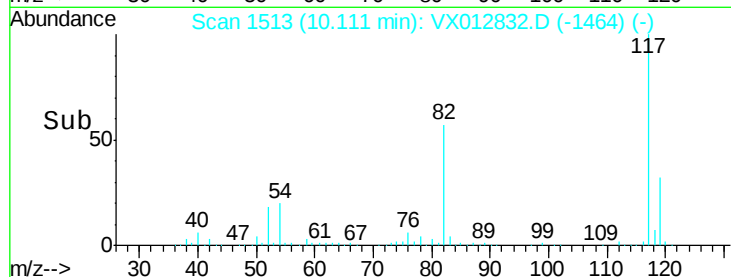
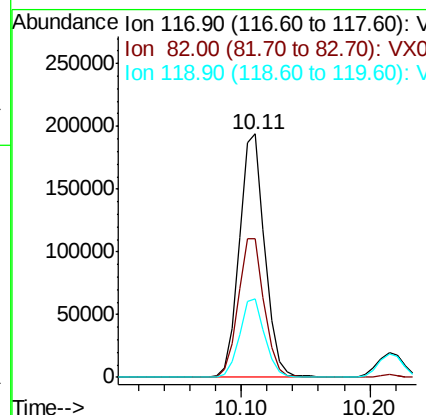
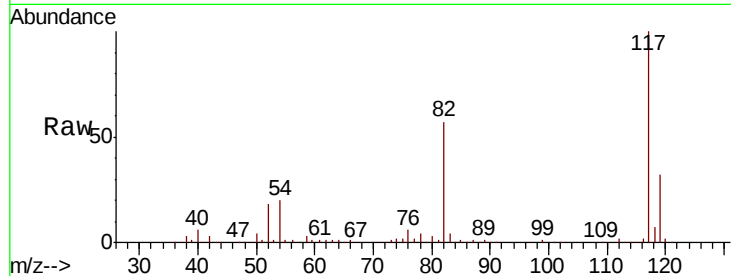
ClientSampleId :

VX1007WBS01

Tot Ion:	117	Resp:	265922
Ion Ratio	Lower	Upper	
117	100		
82	56.9	45.9	68.9
119	32.5	25.3	37.9

Manual Integrations
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#64

Tetrachloroethene

Concen: 21.718 ug/l

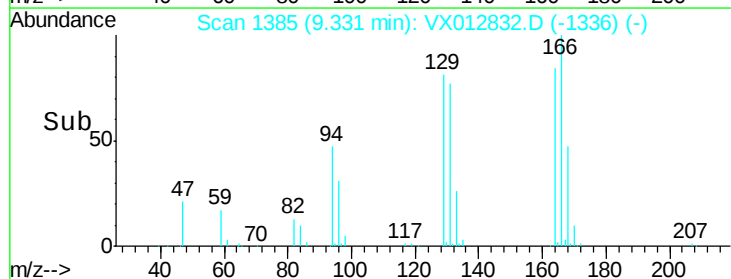
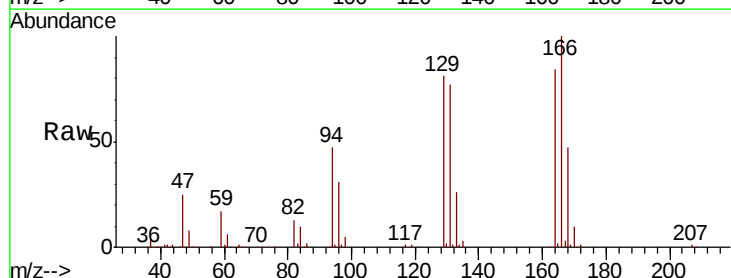
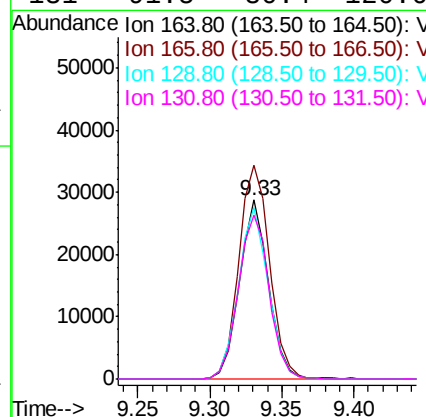
RT: 9.33 min Scan# 1385

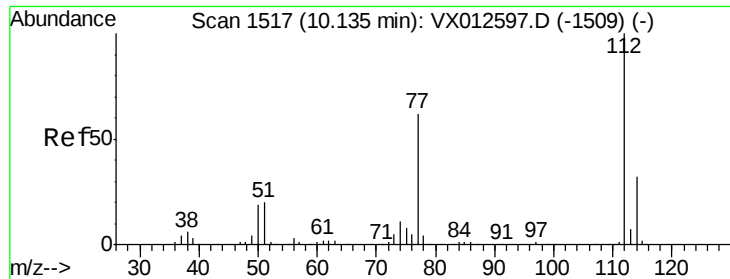
Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:	164	Resp:	40266
Ion Ratio	Lower	Upper	
164	100		
166	119.3	107.8	161.6
129	96.1	86.2	129.2
131	91.5	80.4	120.6





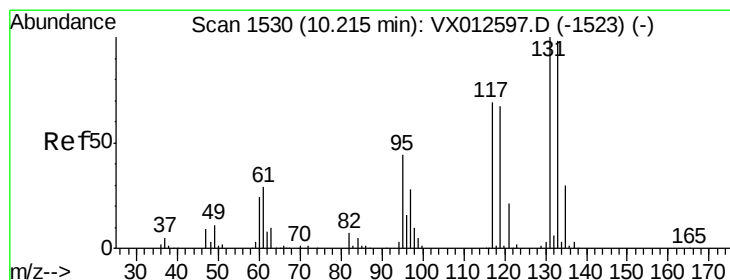
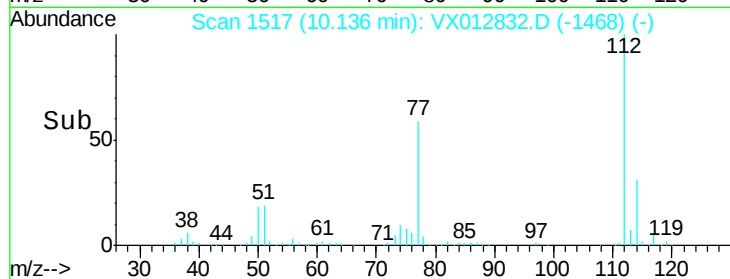
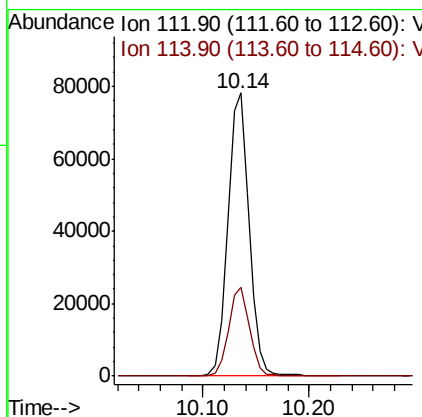
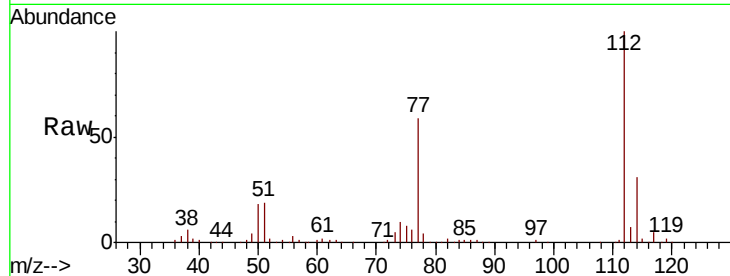
#65
Chlorobenzene
Concen: 19.478 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion:112 Resp: 109074
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

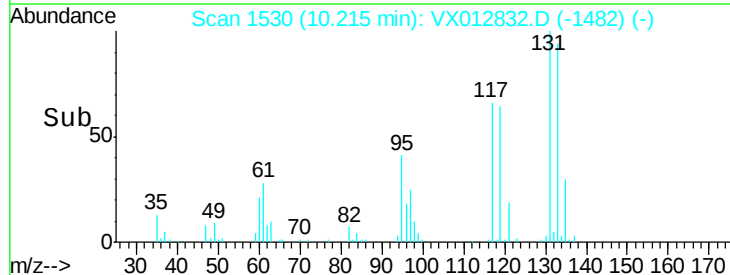
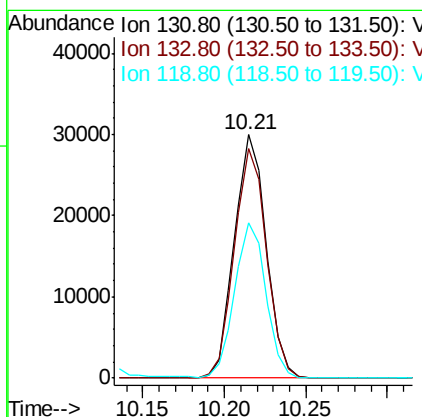
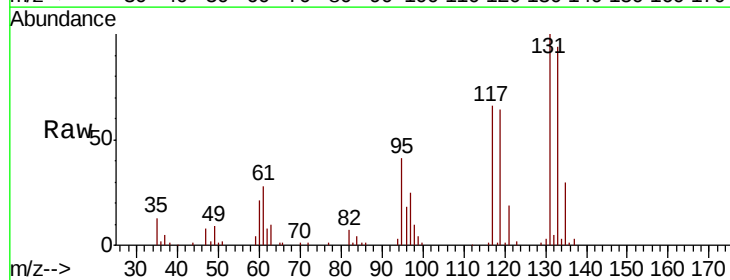
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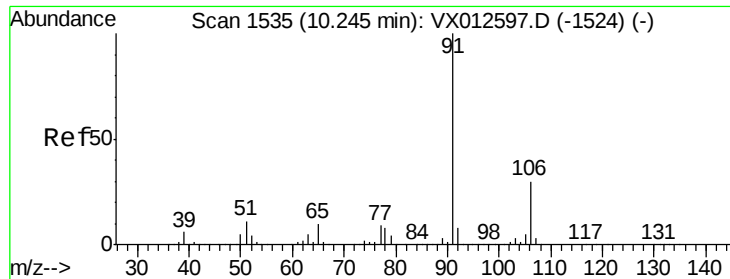
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.084 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion:131 Resp: 40748
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 63.0 31.3 93.8





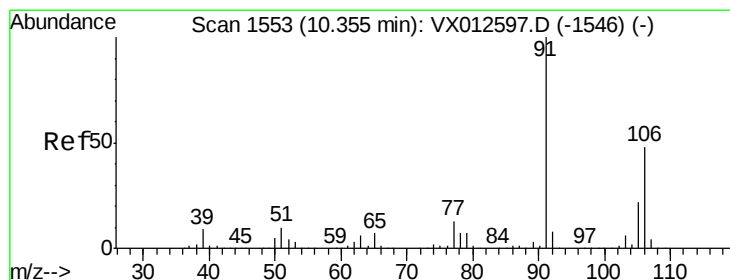
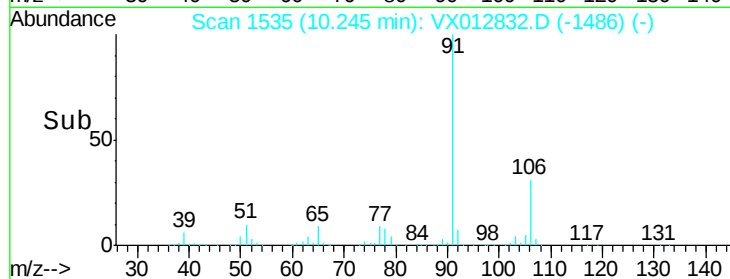
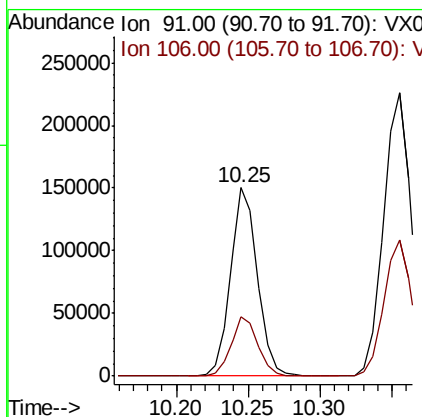
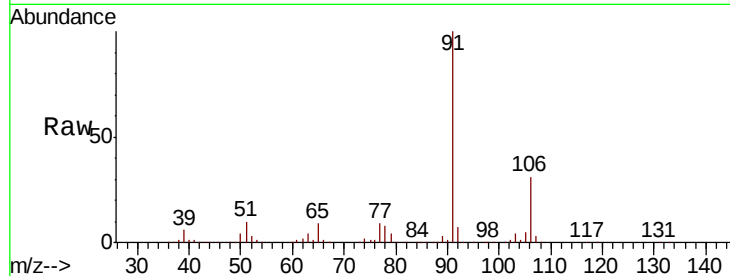
#67
Ethyl Benzene
Concen: 19.423 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampled :
VX1007WBS01

Tot Ion: 91 Resp: 197266
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0

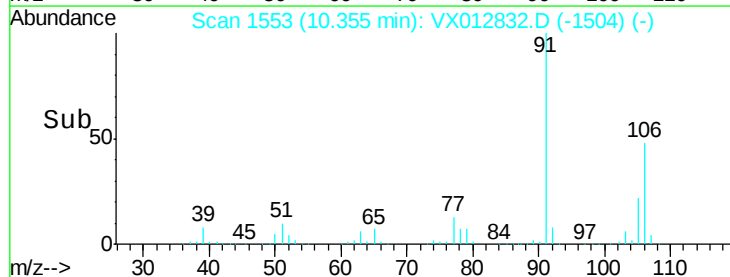
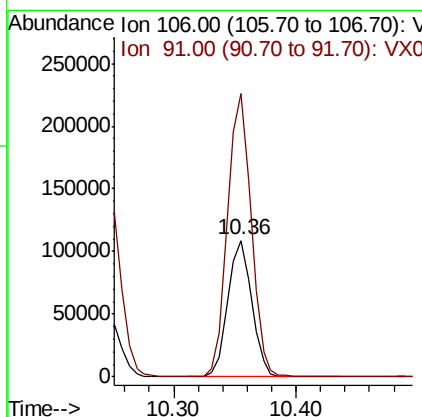
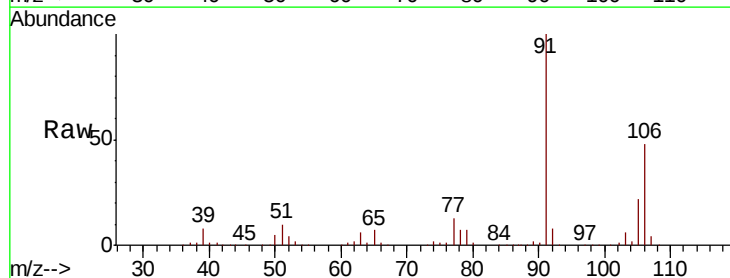
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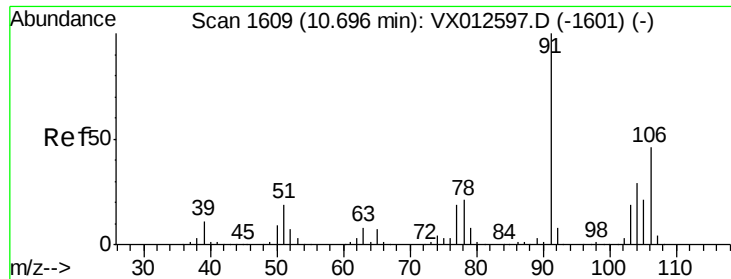
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#68
m/p-Xylenes
Concen: 38.673 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 106 Resp: 147137
Ion Ratio Lower Upper
106 100
91 205.7 166.6 250.0





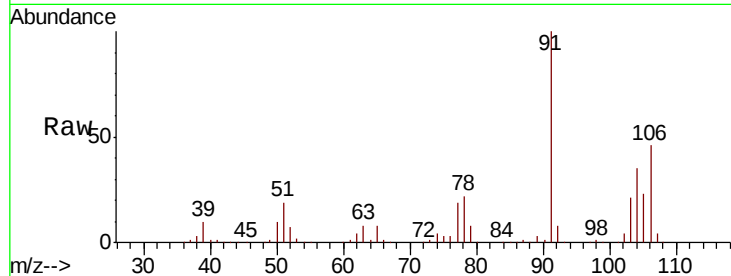
#69
o-Xylene
Concen: 19.572 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

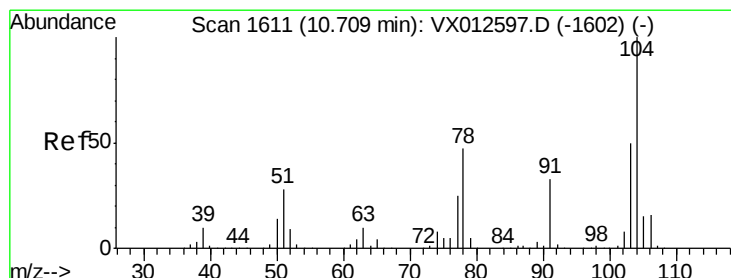
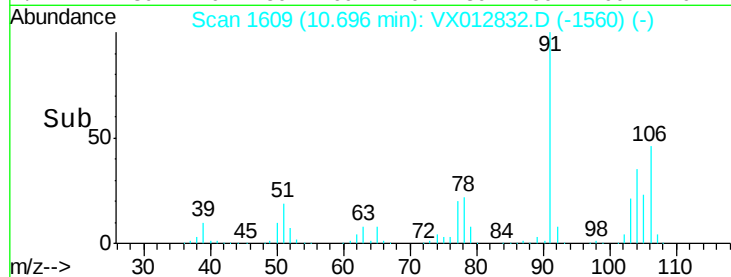
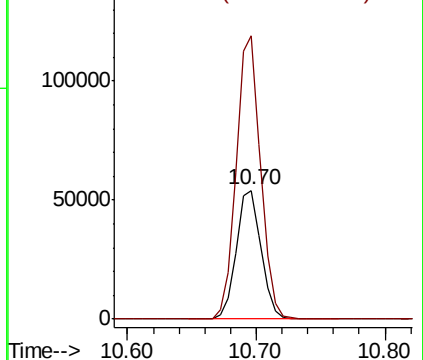
Tot Ion:106 Resp: 72054
Ion Ratio Lower Upper
106 100
91 217.0 109.4 328.2

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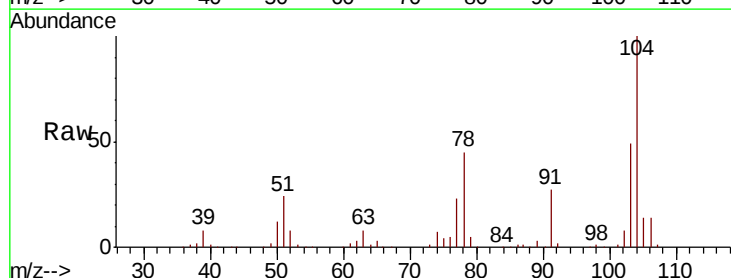


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

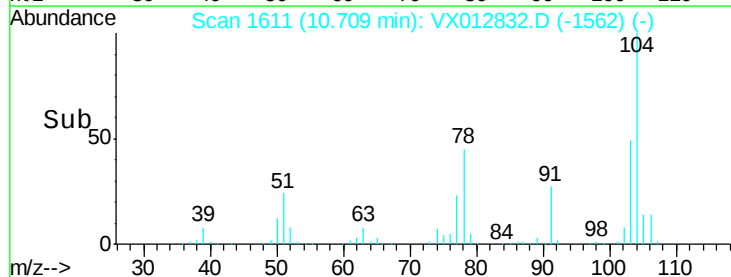
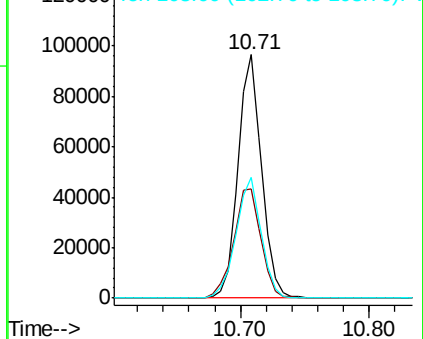


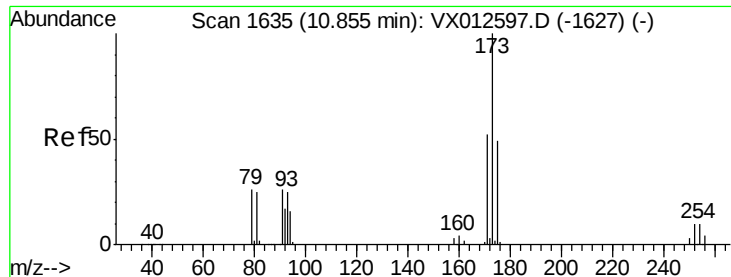
#70
Styrene
Concen: 19.918 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion:104 Resp: 122928
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 53.3 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.570 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion:173 Resp: 27647

Ion Ratio Lower Upper

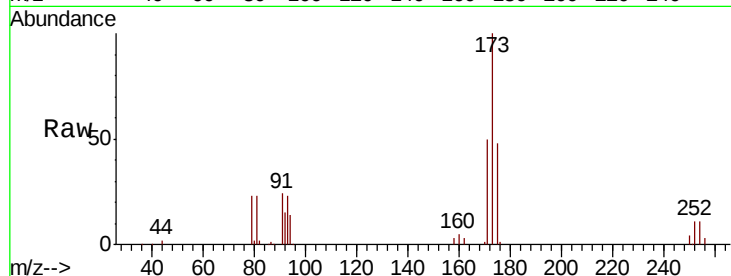
173 100

175 47.2 23.7 71.1

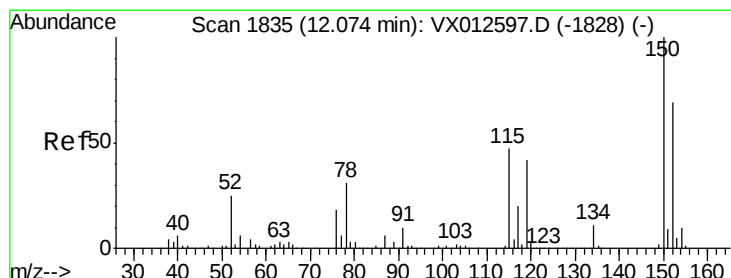
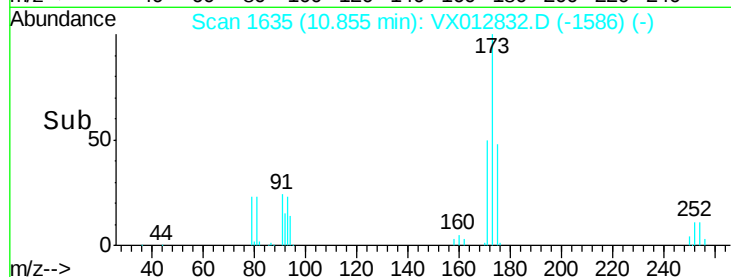
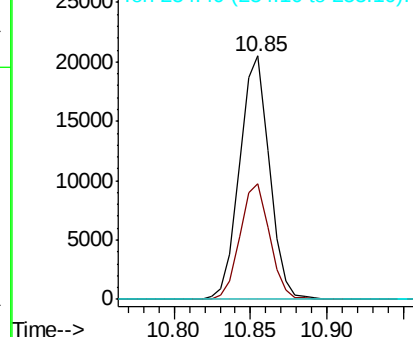
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

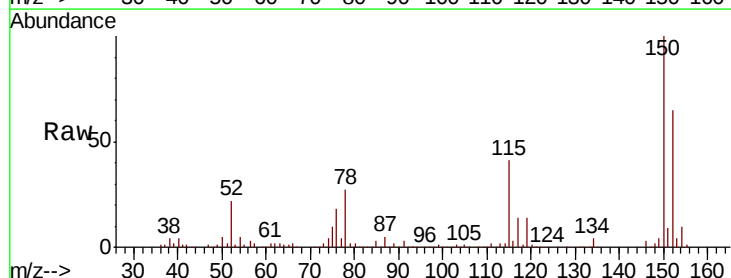
Tgt Ion:152 Resp: 125055

Ion Ratio Lower Upper

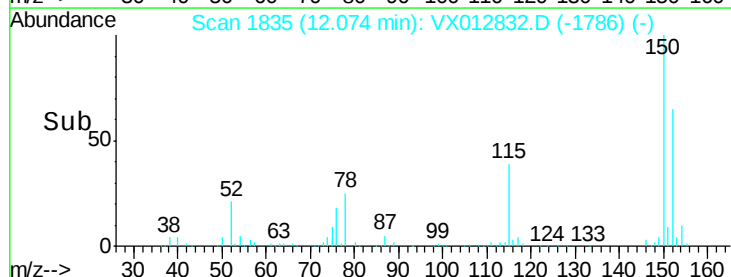
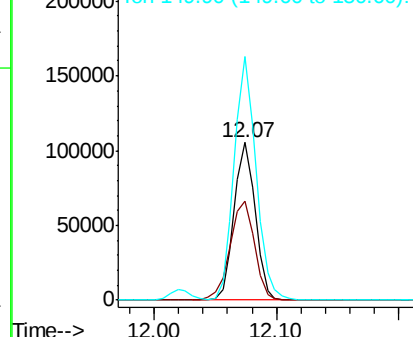
152 100

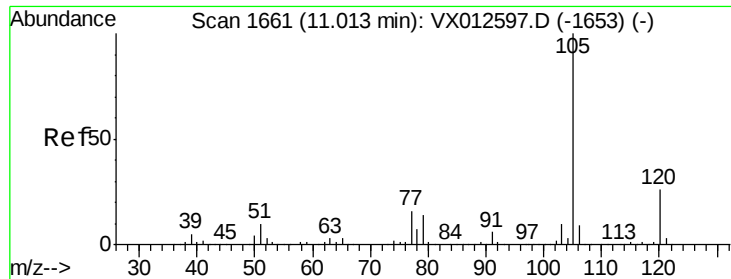
115 72.8 44.1 132.3

150 160.4 0.0 343.8



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: 19.167 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion:105 Resp: 195225

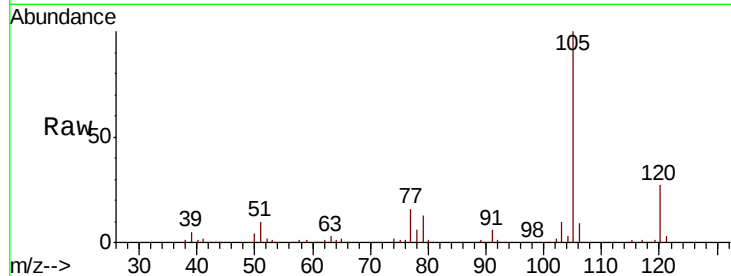
Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7

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

Ion 120.00 (119.70 to 120.70): V

11.01

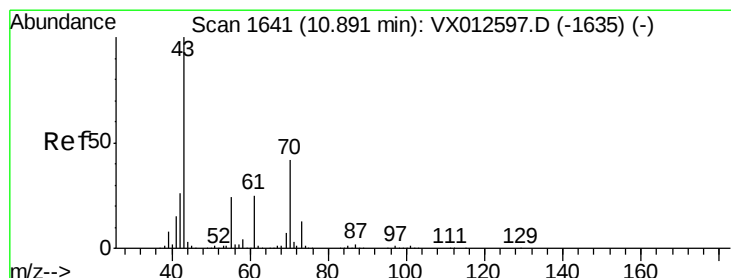
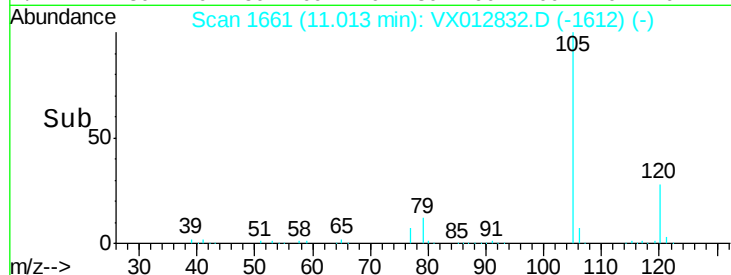
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.963 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion: 43 Resp: 82426

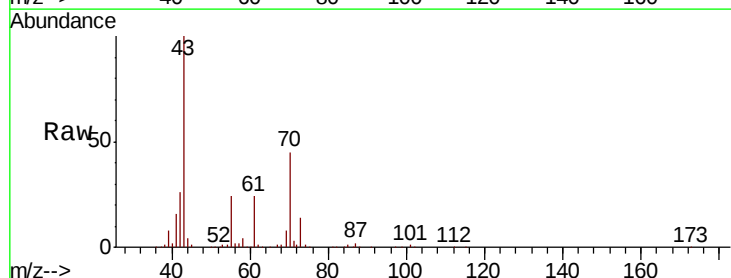
Ion Ratio Lower Upper

43 100

70 44.5 32.4 48.6

55 24.3 18.2 27.4

61 24.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

100000

80000

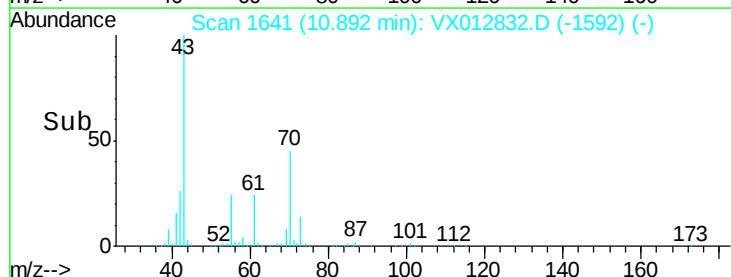
60000

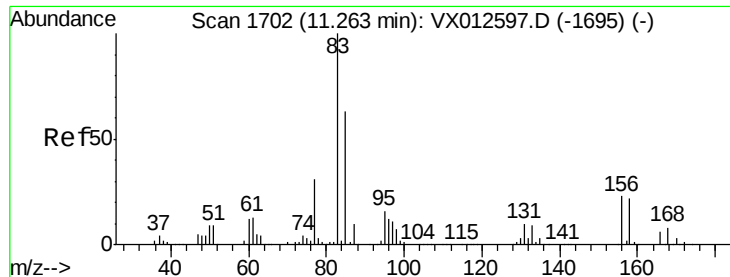
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.917 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

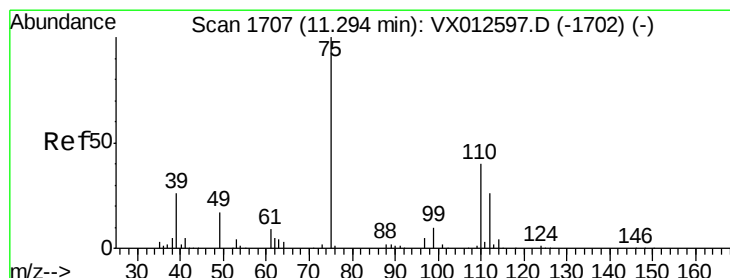
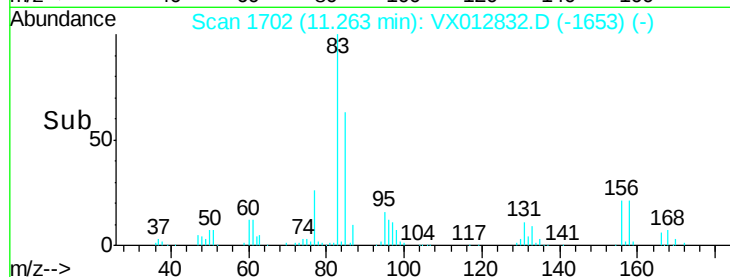
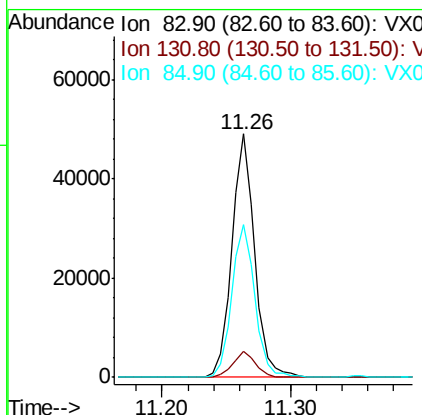
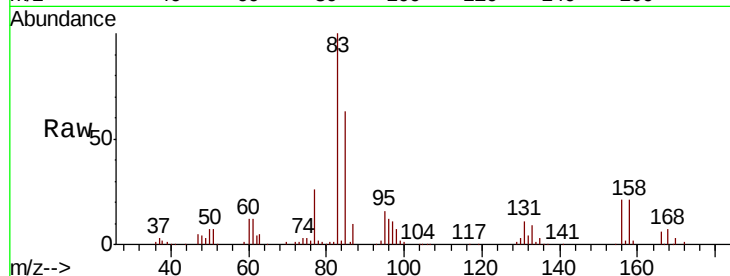
ClientSampleId :

VX1007WBS01

Tot Ion:	83	Resp:	60438
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	64.2	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.114 ug/l m

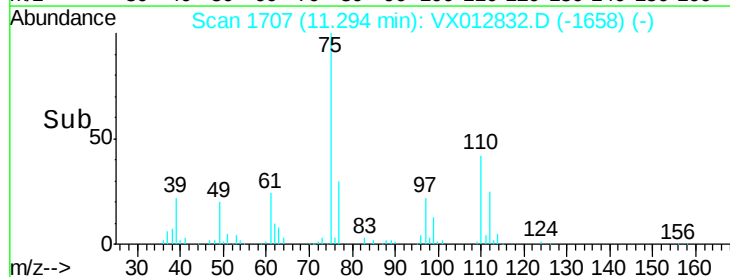
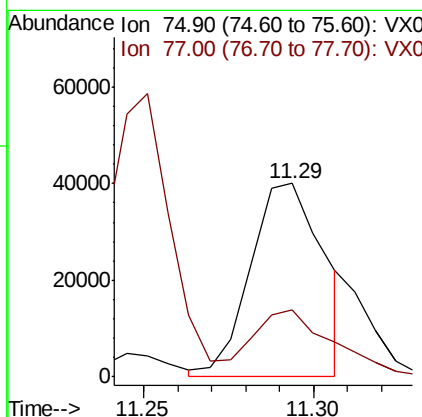
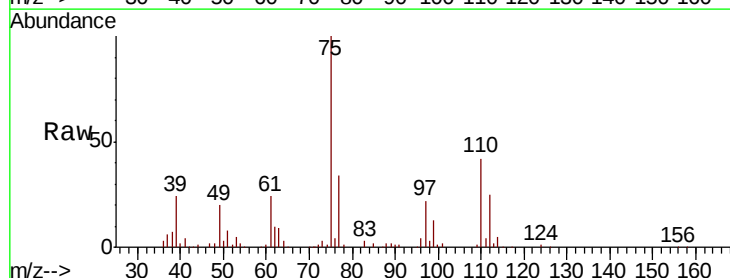
RT: 11.29 min Scan# 1707

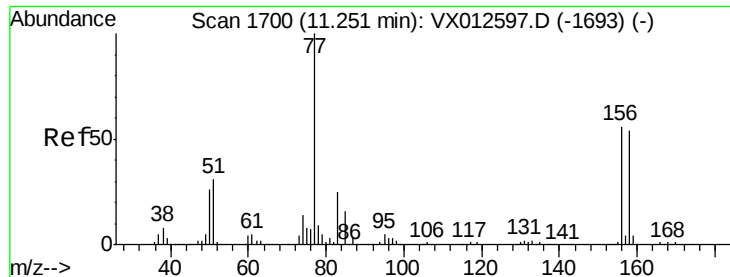
Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:	75	Resp:	59922
Ion Ratio	Lower	Upper	
75	100		
77	37.0	19.7	59.0





#77

Bromobenzene

Concen: 18.560 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion:156 Resp: 42785

Ion Ratio Lower Upper

156 100

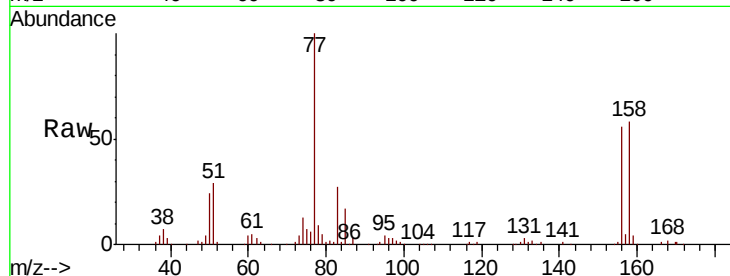
77 178.0 87.3 261.8

158 101.4 48.5 145.6

Manual Integrations
APPROVED

MMDadoda

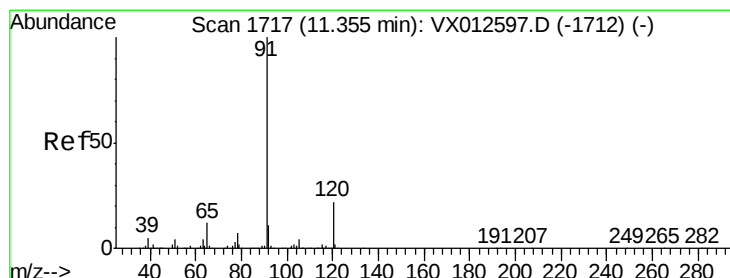
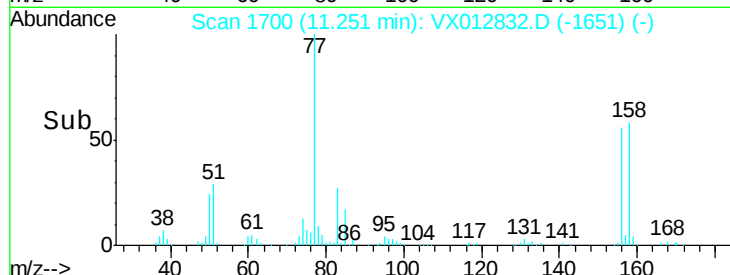
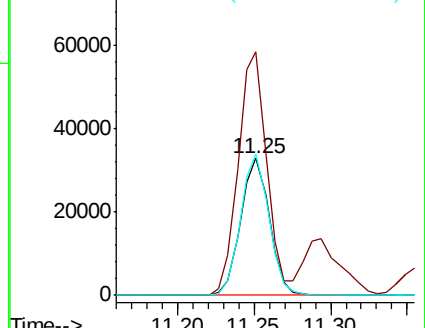
10/8/2019 2:06:43 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.081 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012832.D

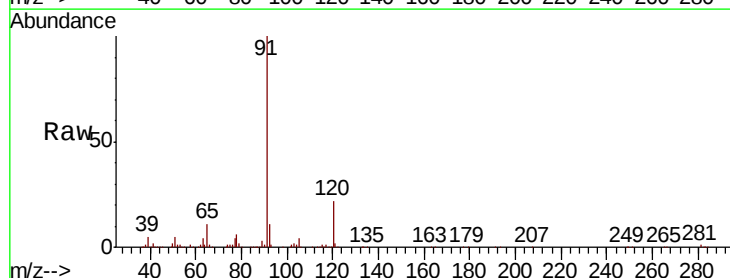
Acq: 07 Oct 2019 12:53

Tgt Ion: 91 Resp: 207336

Ion Ratio Lower Upper

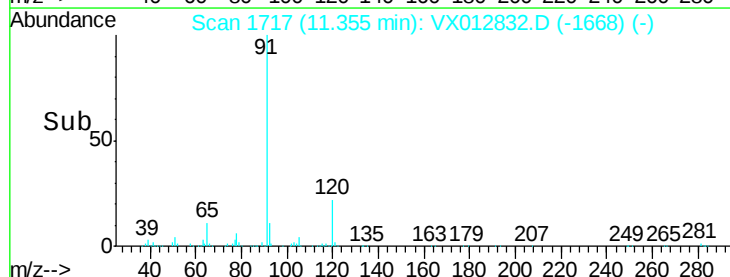
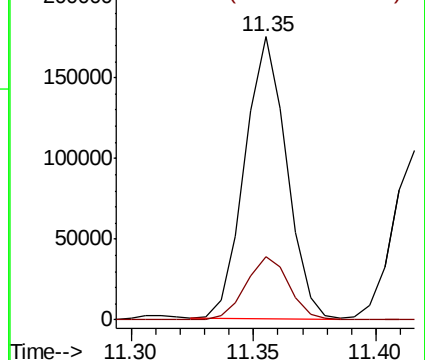
91 100

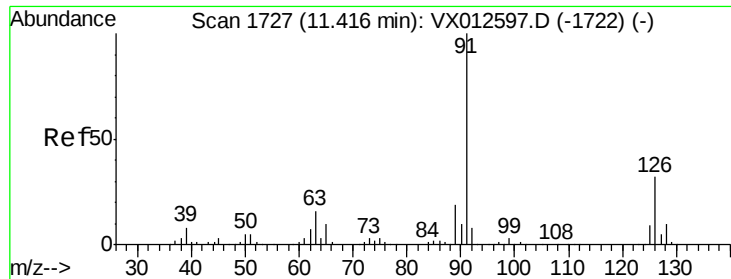
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





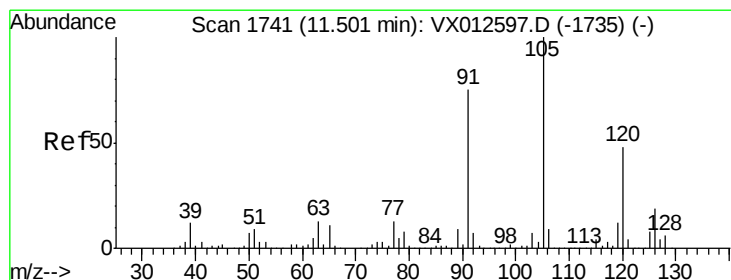
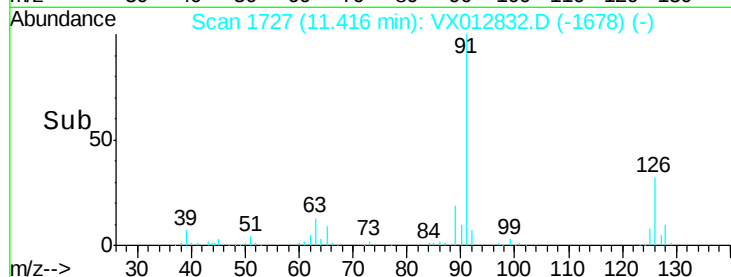
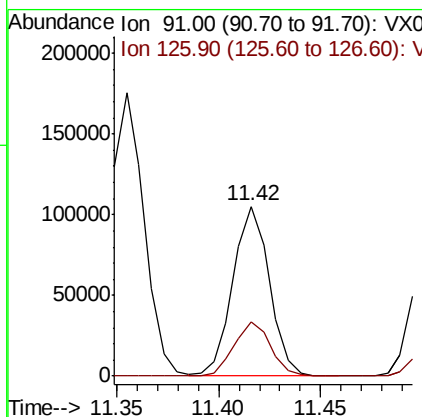
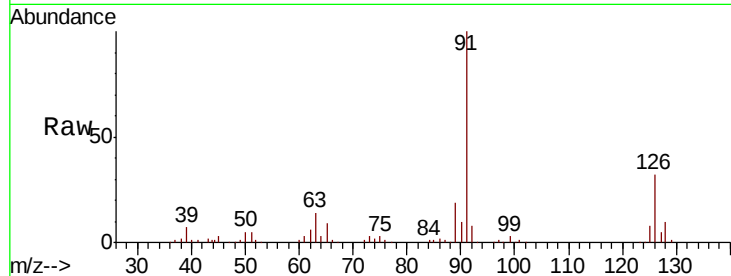
#79
 2-Chlorotoluene
 Concen: 18.132 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion: 91 Resp: 129706
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.4

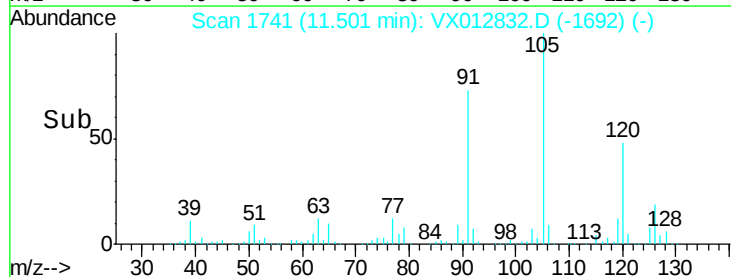
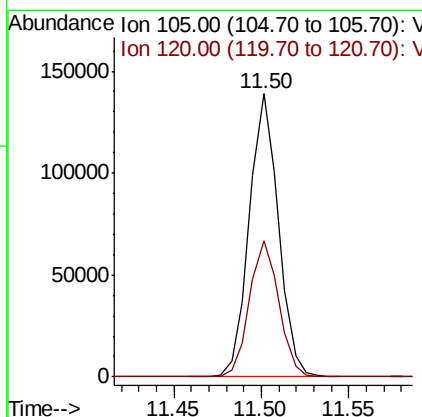
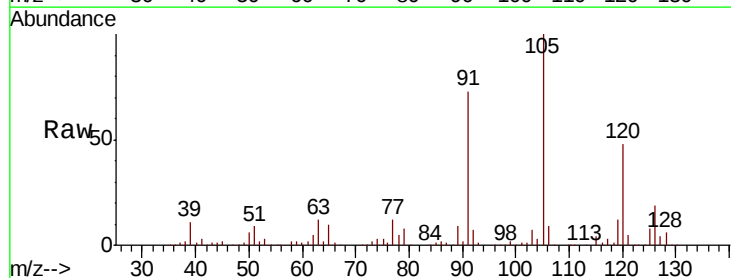
Manual Integrations
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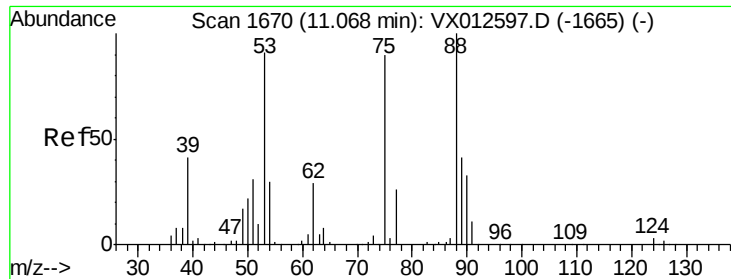
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.854 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 105 Resp: 161040
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.614 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion: 75 Resp: 19178

Ion Ratio Lower Upper

75 100

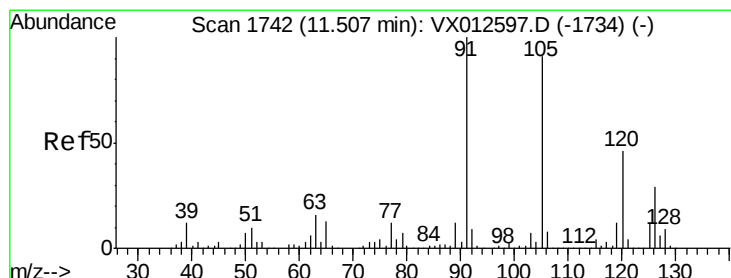
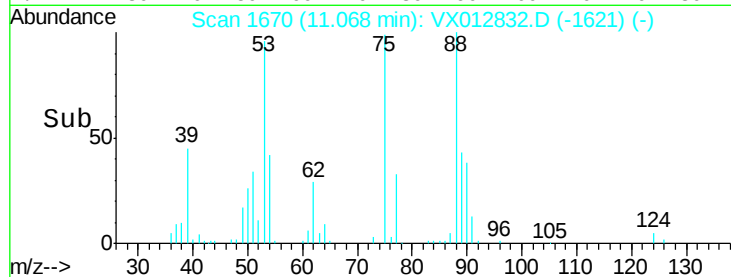
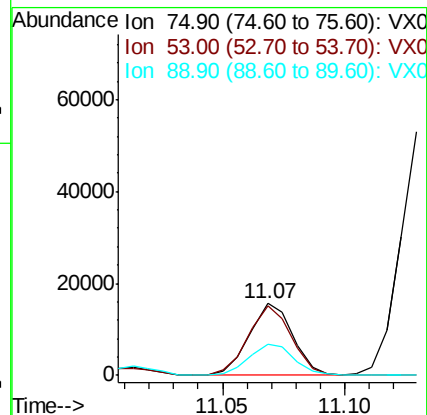
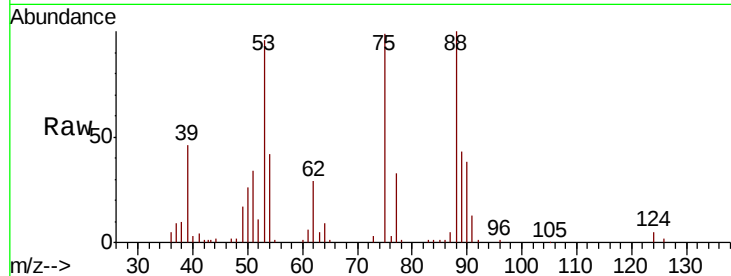
53 97.7 83.6 125.4

89 44.9 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.514 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012832.D

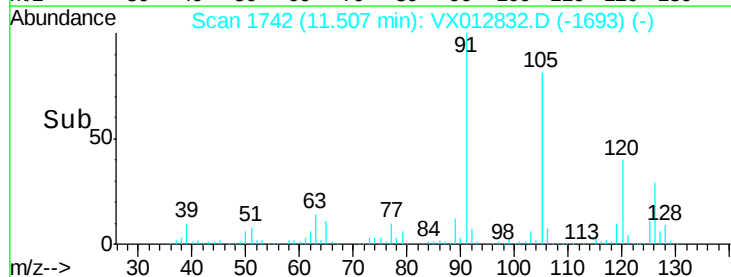
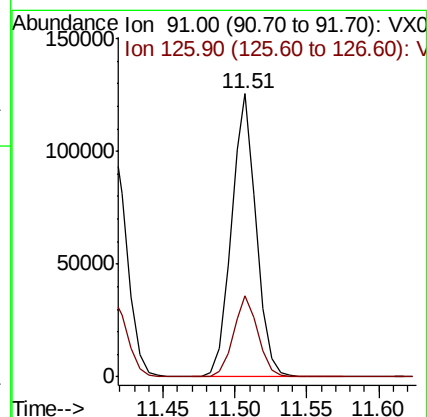
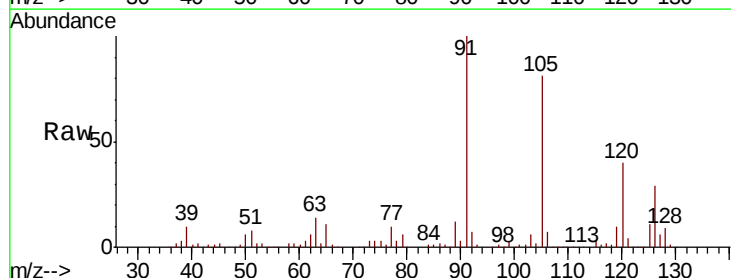
Acq: 07 Oct 2019 12:53

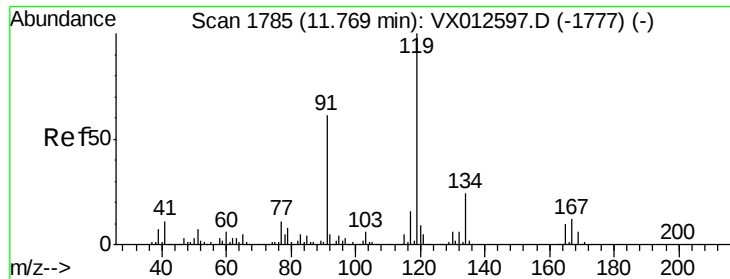
Tgt Ion: 91 Resp: 150973

Ion Ratio Lower Upper

91 100

126 28.6 14.4 43.0





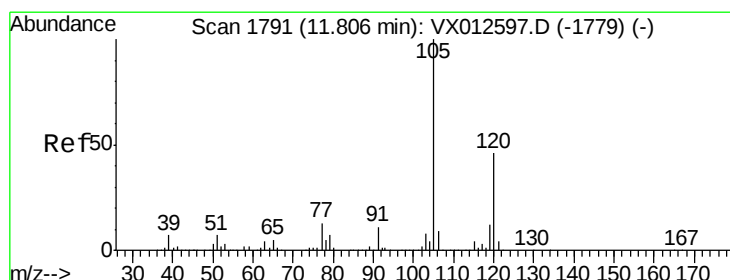
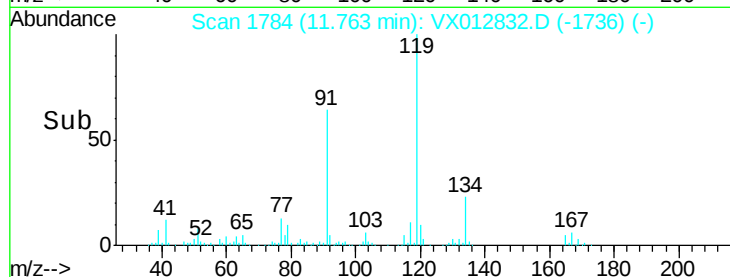
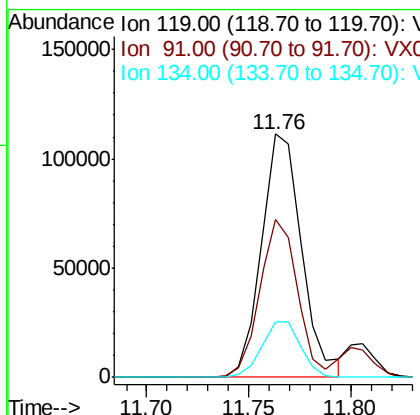
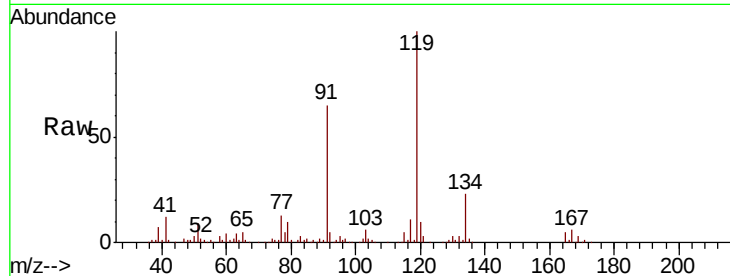
#83
 tert-Butylbenzene
 Concen: 18.620 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	153413		
91	60.8	30.0	90.0	
134	22.4	11.3	33.9	

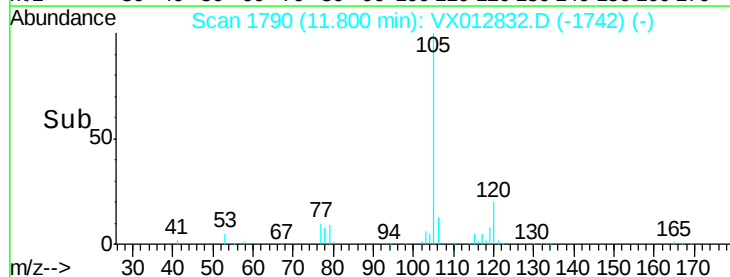
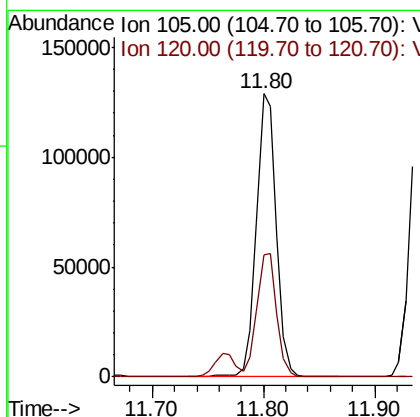
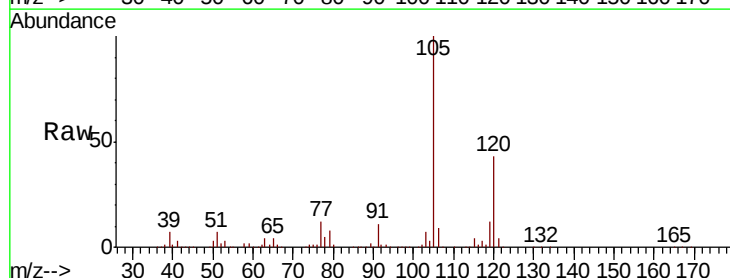
Manual Integrations
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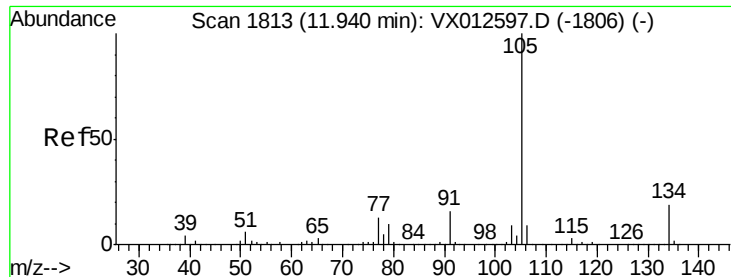
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.608 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	160332		
120	43.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 19.113 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS01

Tot Ion:105 Resp: 183163

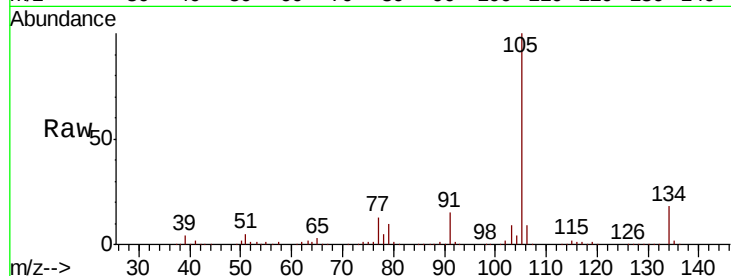
Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4

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

Ion 134.00 (133.70 to 134.70): V

11.94

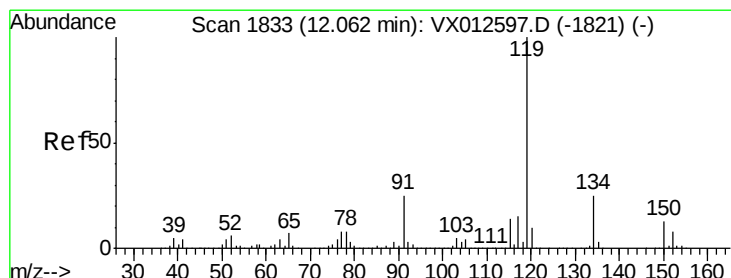
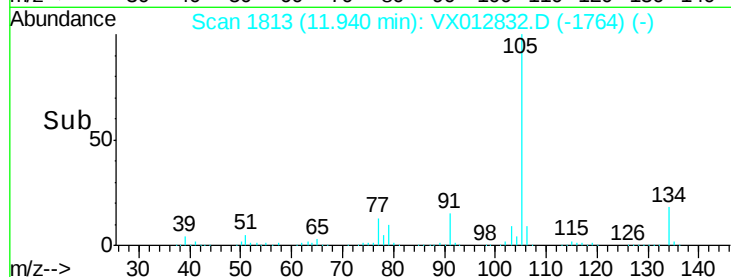
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.716 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

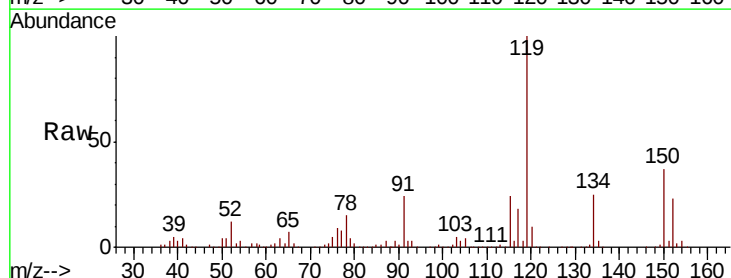
Tgt Ion:119 Resp: 170479

Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.1

91 24.9 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

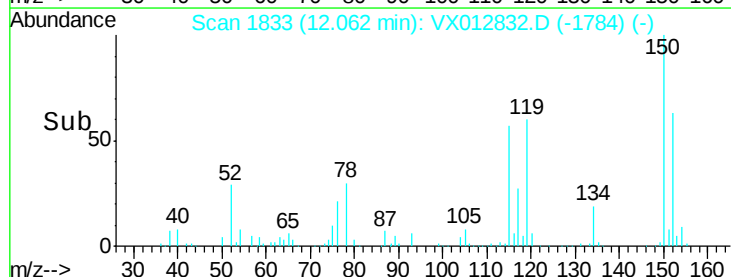
150000

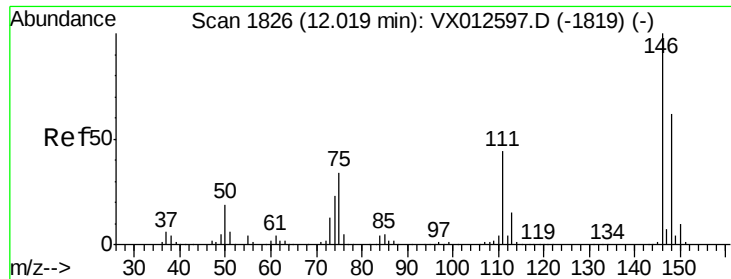
100000

50000

0

Time-->





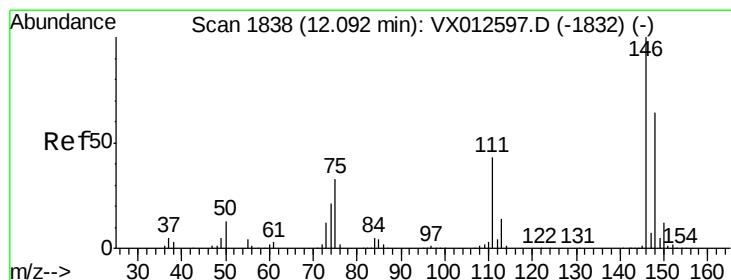
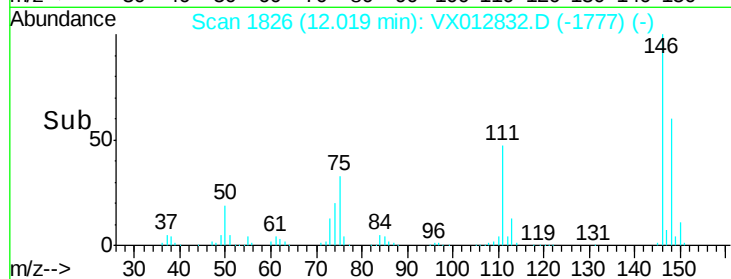
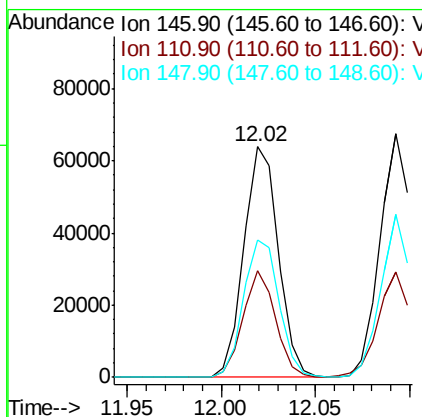
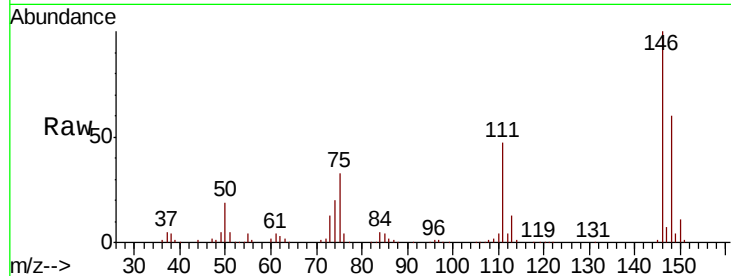
#87
 1,3-Dichlorobenzene
 Concen: 19.528 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.3	64.0
148	61.7	32.4	97.2

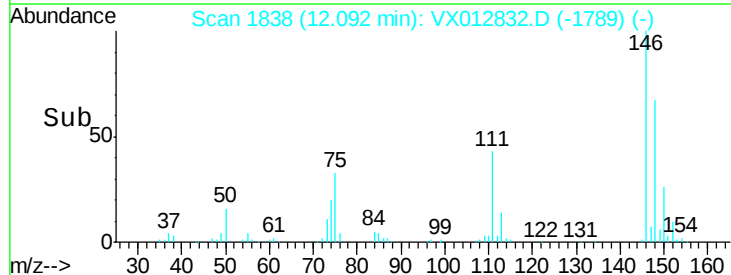
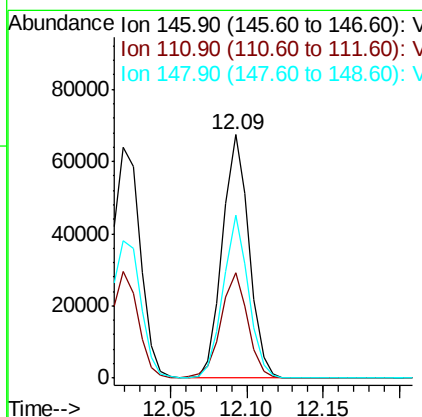
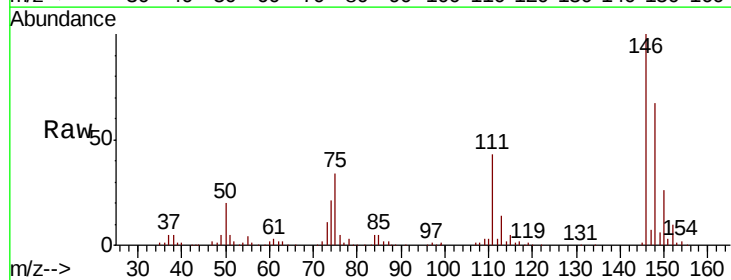
Manual Integrations
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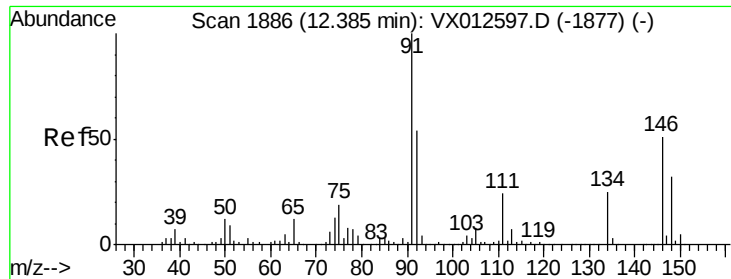
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#88
 1,4-Dichlorobenzene
 Concen: 19.413 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.1	63.3
148	63.9	32.1	96.5





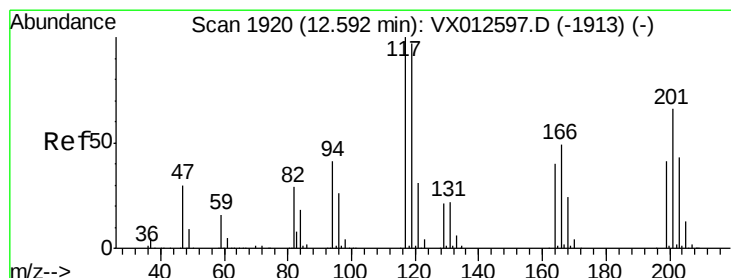
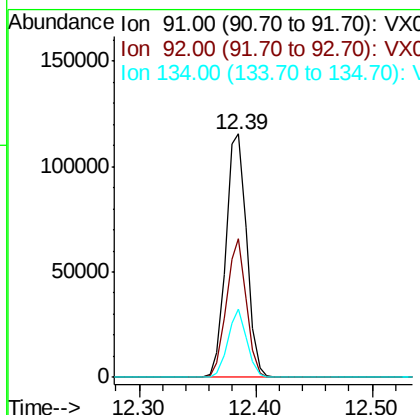
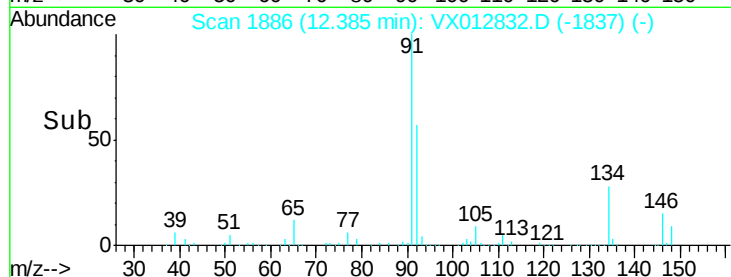
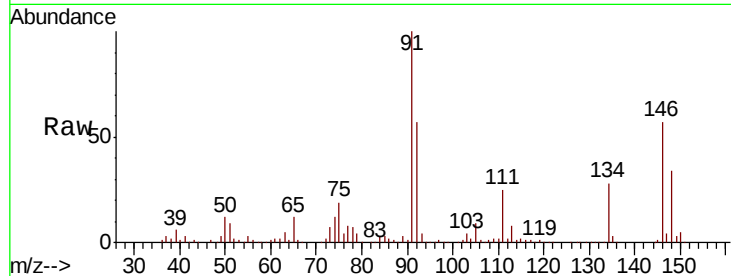
#89
n-Butylbenzene
Concen: 18.674 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.0
134	25.7	12.9	38.6

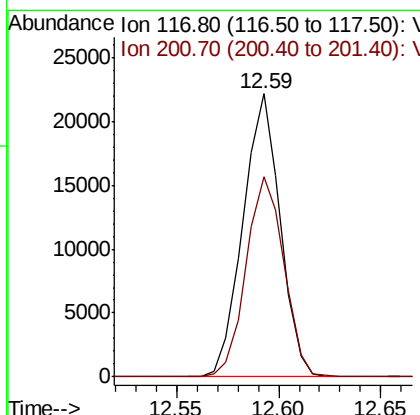
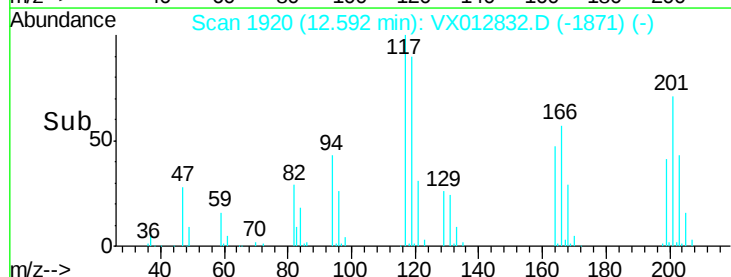
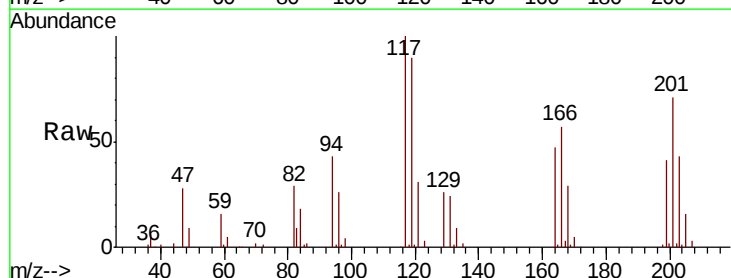
Manual Integrations
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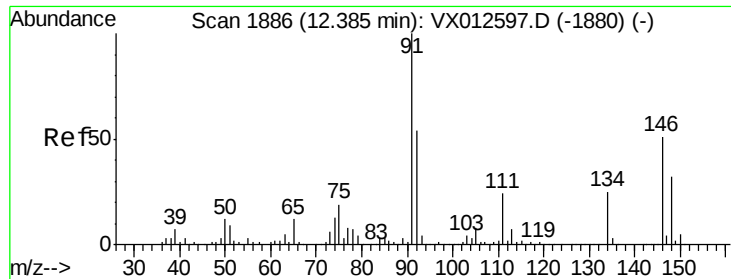
MMDadoda
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#90
Hexachloroethane
Concen: 18.163 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.1	33.3	99.8





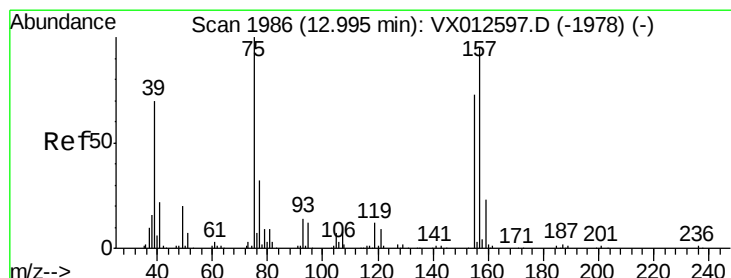
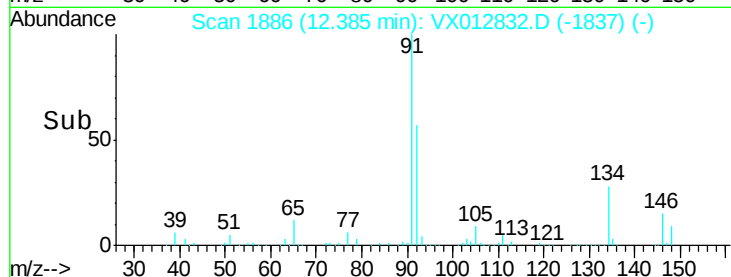
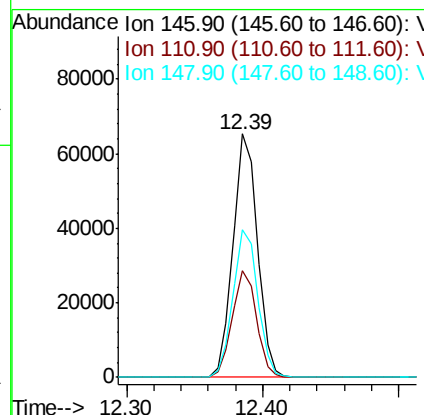
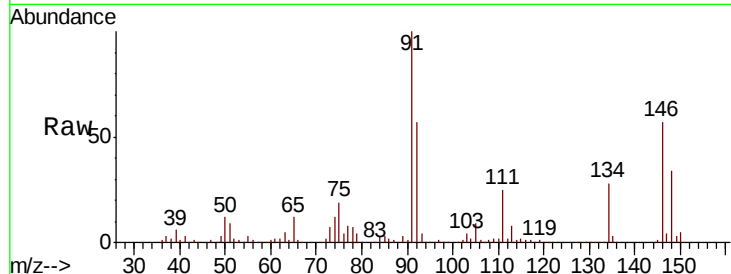
#91
 1,2-Dichlorobenzene
 Concen: 19.594 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	61.9	31.3	93.9

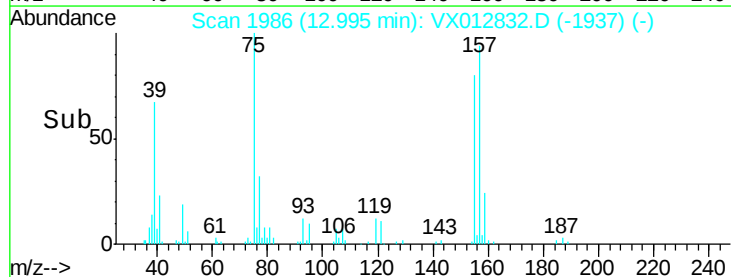
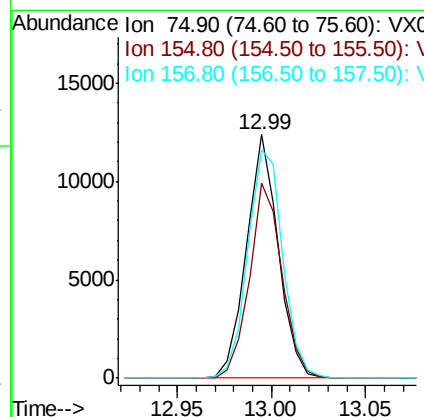
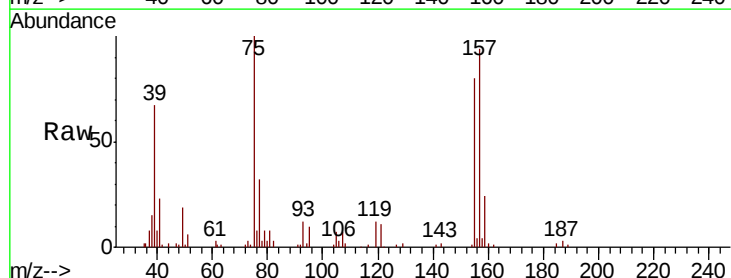
Manual Integrations
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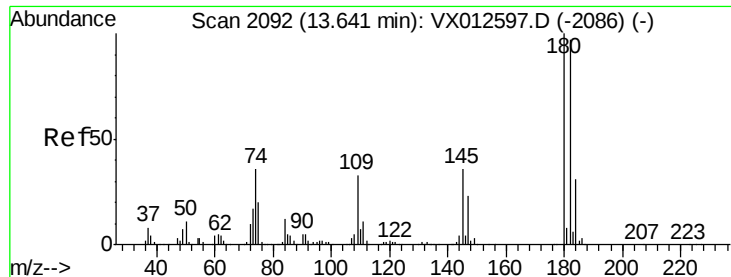
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.106 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	38.6	115.8
157	103.2	50.6	151.9





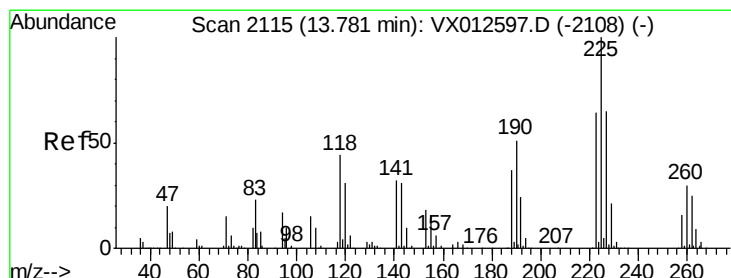
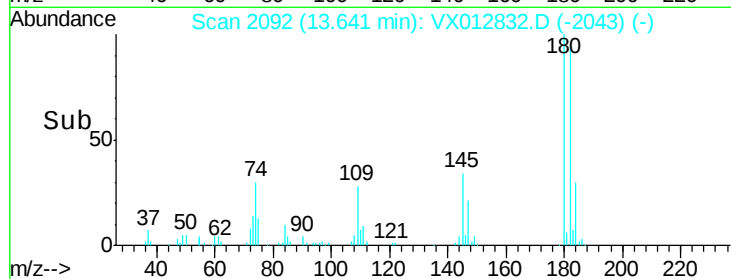
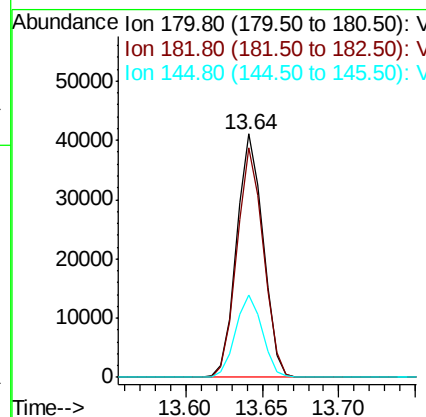
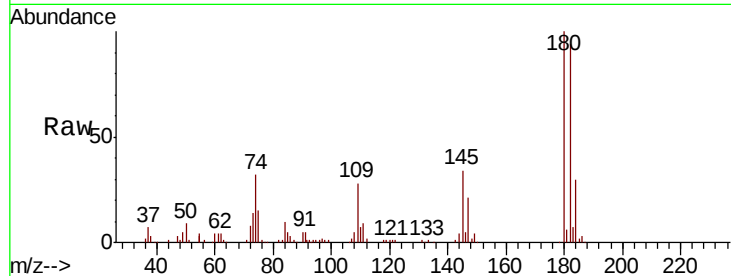
#93
 1,2,4-Trichlorobenzene
 Concen: 19.470 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	34.0	16.8	50.4

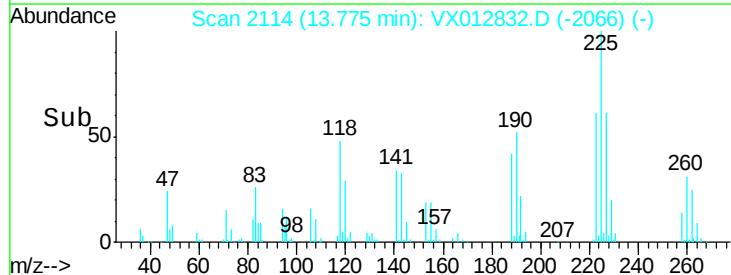
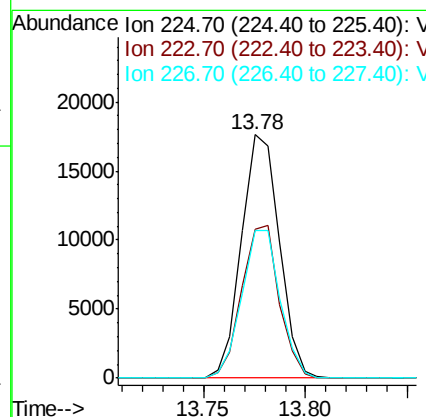
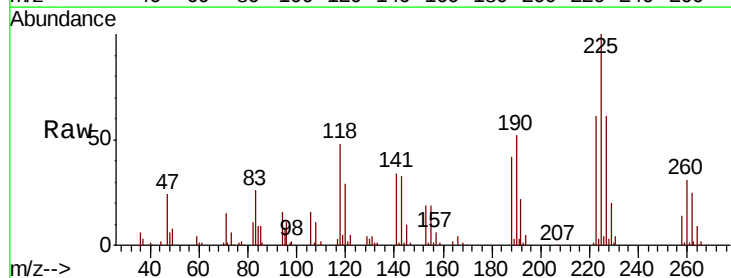
Manual Integrations
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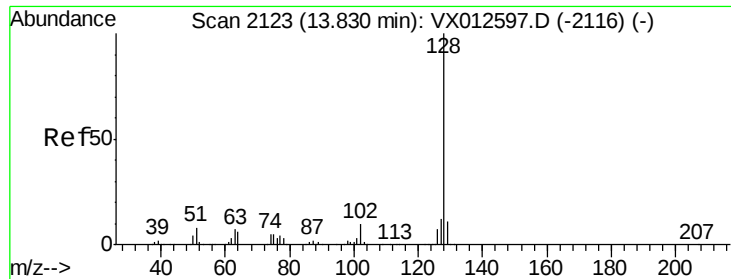
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.0	96.2
227	61.6	31.9	95.5





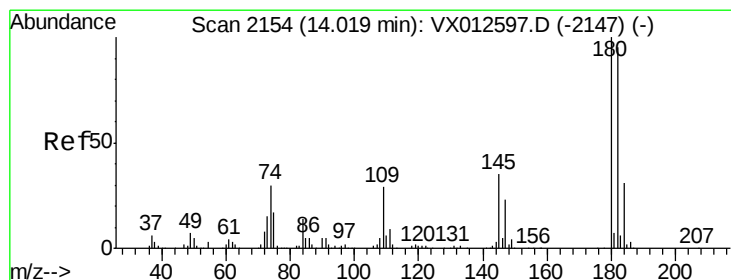
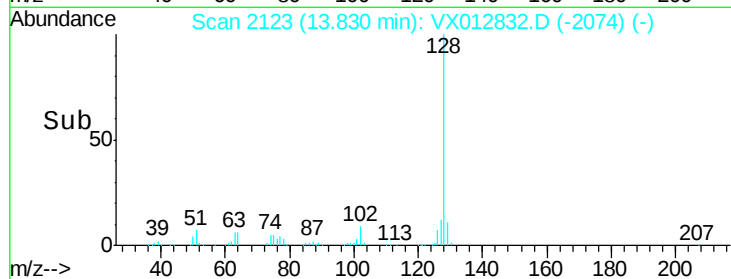
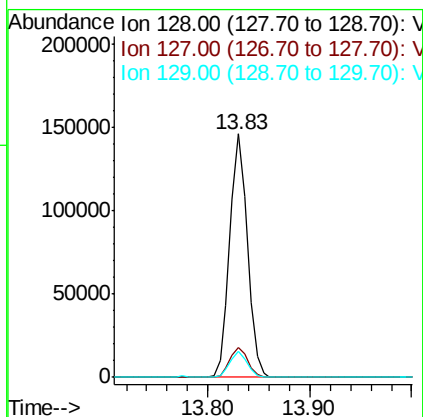
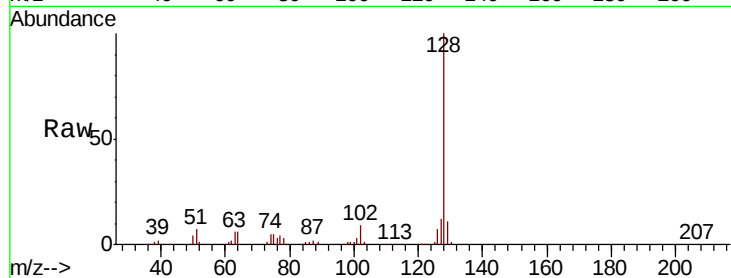
#95
Naphthalene
Concen: 19.118 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.192 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.1	141.3
145	34.1	18.0	54.0

