

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
 Data File : VX012826.D
 Acq On : 04 Oct 2019 20:51
 Operator : JC/SP
 Sample : K5189-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:37 AM

Quant Time: Oct 05 06:40:59 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	155623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114612	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	109735	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	5.48	113	86281	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	8.71	98	319852	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	123463	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	71232	40.687	ug/l	97
3) Chloromethane	1.31	50	83667	41.618	ug/l	99
4) Vinyl Chloride	1.40	62	88371	44.225	ug/l	98
5) Bromomethane	1.62	94	31482	40.072	ug/l	99
6) Chloroethane	1.70	64	57351	42.575	ug/l	97
7) Trichlorofluoromethane	1.92	101	128354	45.751	ug/l	99
8) Diethyl Ether	2.18	74	53250	46.316	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79749	46.671	ug/l	97
10) Methyl Iodide	2.50	142	82442	46.214	ug/l	93
11) Tert butyl alcohol	3.04	59	142394	251.533	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83634	49.984	ug/l	98
13) Acrolein	2.28	56	76810	243.830	ug/l	98
14) Allyl chloride	2.72	41	144846	43.632	ug/l	96
15) Acrylonitrile	3.13	53	286475	249.432	ug/l	98
16) Acetone	2.44	43	254888	212.345	ug/l	95
17) Carbon Disulfide	2.56	76	212878	45.382	ug/l	99
18) Methyl Acetate	2.76	43	107746	38.121	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	318291	50.257	ug/l	99
20) Methylene Chloride	2.84	84	98037	48.289	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	89045	48.036	ug/l	97
22) Diisopropyl ether	3.84	45	311851	48.616	ug/l	92
23) Vinyl Acetate	3.80	43	1001577	178.051	ug/l	97
24) 1,1-Dichloroethane	3.69	63	171724	49.250	ug/l	98
25) 2-Butanone	4.66	43	395442	229.758	ug/l	96
26) 2,2-Dichloropropane	4.57	77	65293	21.055	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	106246	49.397	ug/l	87
28) Bromochloromethane	5.00	49	61424	48.516	ug/l	94
29) Tetrahydrofuran	5.11	42	253737	241.878	ug/l	95
30) Chloroform	5.20	83	173194	48.551	ug/l	98
31) Cyclohexane	5.57	56	147380	46.722	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	151322	47.863	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124634	46.384	ug/l	97
37) Ethyl Acetate	4.82	43	117703	37.468	ug/l	99
38) Carbon Tetrachloride	5.78	117	127762	46.807	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141863	43.855	ug/l	98
40) Benzene	6.13	78	385197	48.722	ug/l	97
41) Methacrylonitrile	5.03	41	82679	46.909	ug/l	94
42) 1,2-Dichloroethane	6.19	62	141765	47.220	ug/l	98
43) Isopropyl Acetate	6.44	43	211763	40.310	ug/l	97
44) Trichloroethene	7.20	130	100176	49.565	ug/l	100
45) 1,2-Dichloropropane	7.51	63	101027	49.912	ug/l	98
46) Dibromomethane	7.65	93	67220	48.776	ug/l	98
47) Bromodichloromethane	7.89	83	135452	49.178	ug/l	100
48) Methyl methacrylate	7.76	41	118784	47.155	ug/l	92
49) 1,4-Dioxane	7.73	88	58566	1025.047	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	773314	238.468	ug/l	95
52) Toluene	8.78	92	243167	48.937	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132105	43.350	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145992	43.877	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	99880	50.559	ug/l	97
56) Ethyl methacrylate	9.17	69	165534	49.877	ug/l	91
57) 1,3-Dichloropropane	9.37	76	170710	49.374	ug/l	100
59) 2-Hexanone	9.49	43	596945	240.491	ug/l	93
60) Dibromochloromethane	9.58	129	104754	52.382	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102364	49.789	ug/l	98
64) Tetrachloroethene	9.33	164	85341	49.213	ug/l	97
65) Chlorobenzene	10.14	112	256053	48.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96332	50.764	ug/l	99
67) Ethyl Benzene	10.25	91	463387	48.781	ug/l	100
68) m/p-Xylenes	10.36	106	346114	97.264	ug/l	99
69) o-Xylene	10.70	106	166491	48.353	ug/l	97
70) Stvrene	10.71	104	292315	50.640	ug/l	99
71) Bromoform	10.85	173	71407	54.041	ug/l	99
73) Isopropylbenzene	11.01	105	455717	48.819	ug/l	100
74) N-amyl acetate	10.89	43	162637	36.520	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	158282	51.198	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145939m	48.137	ug/l	
77) Bromobenzene	11.25	156	104400	49.415	ug/l	99
78) n-propylbenzene	11.35	91	496513	47.245	ug/l	100
79) 2-Chlorotoluene	11.42	91	311604	47.530	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	377197	48.186	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37552	35.496	ug/l	99
82) 4-Chlorotoluene	11.51	91	351126	46.983	ug/l	99
83) tert-Butylbenzene	11.76	119	368741	48.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	377154	47.761	ug/l	99
85) sec-Butylbenzene	11.94	105	419826	47.801	ug/l	100
86) p-Isopropyltoluene	12.06	119	385591	48.656	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188993	49.708	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187473	48.796	ug/l	99
89) n-Butylbenzene	12.39	91	312536	44.755	ug/l	100
90) Hexachloroethane	12.59	117	69875	49.457	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	187776	49.331	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39792	51.455	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	116564	50.214	ug/l	99

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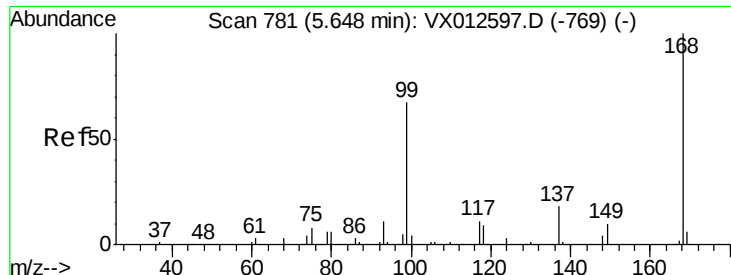
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48723	48.789	ug/l	96
95) Naphthalene	13.83	128	417718	49.736	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	118383	50.909	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:168 Resp: 155623

Ion Ratio Lower Upper

168 100

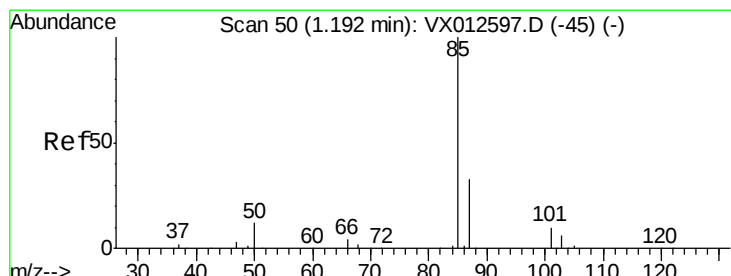
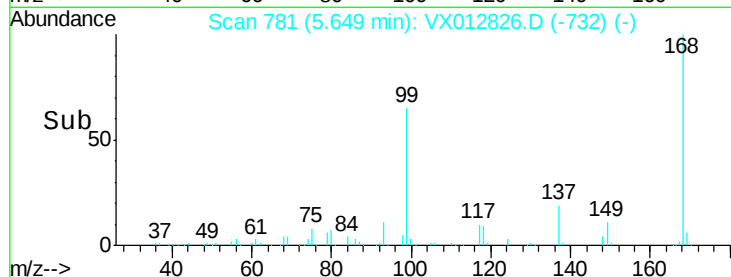
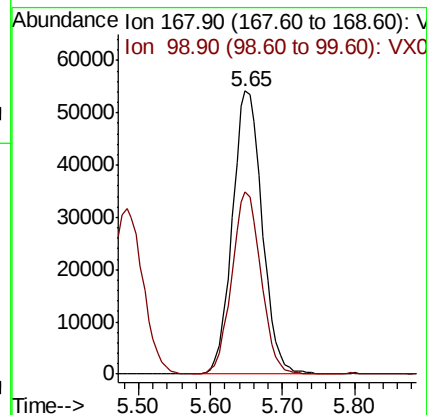
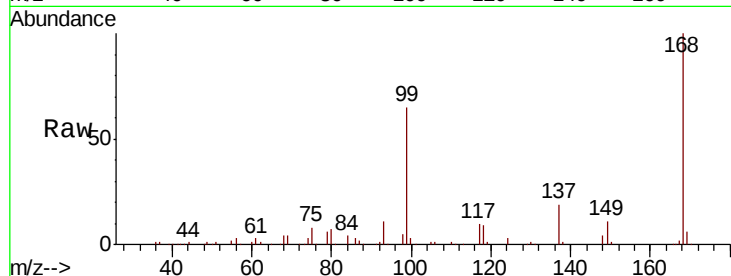
99 64.4 51.4 77.2

Manual Integrations

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10/7/2019 9:26:37 AM



#2

Dichlorodifluoromethane

Concen: 40.687 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012826.D

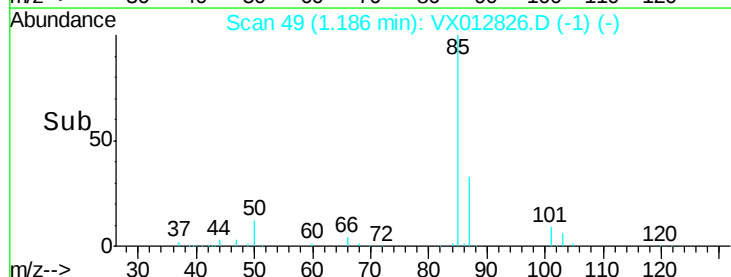
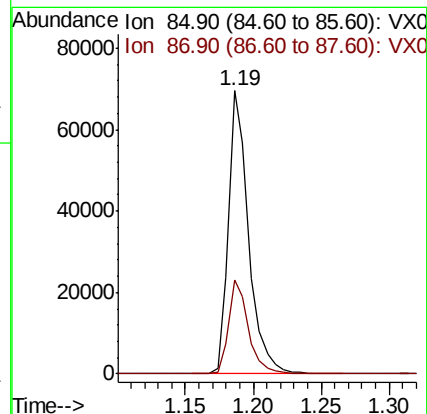
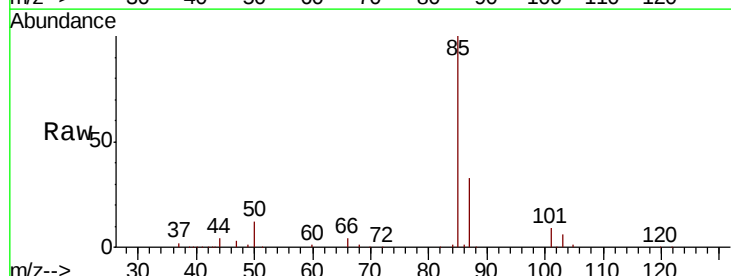
Acq: 04 Oct 2019 20:51

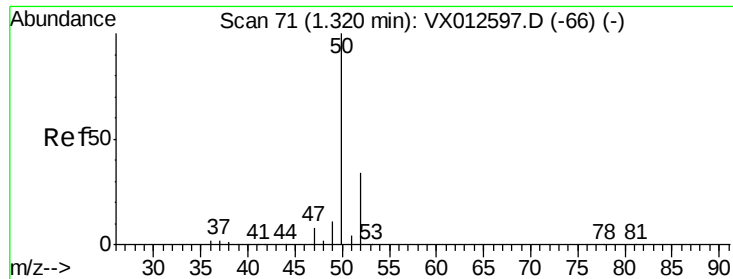
Tgt Ion: 85 Resp: 71232

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8





#3

Chloromethane

Concen: 41.618 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 50 Resp: 83667

Ion Ratio Lower Upper

50 100

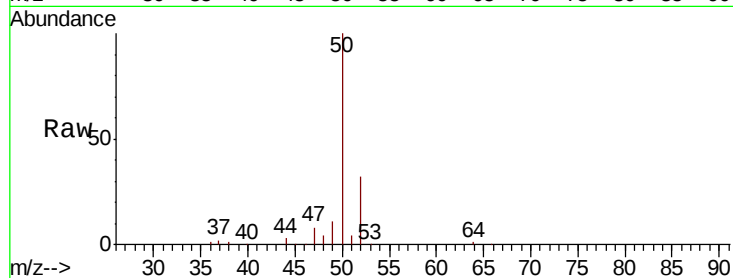
52 32.5 25.7 38.5

Manual Integrations

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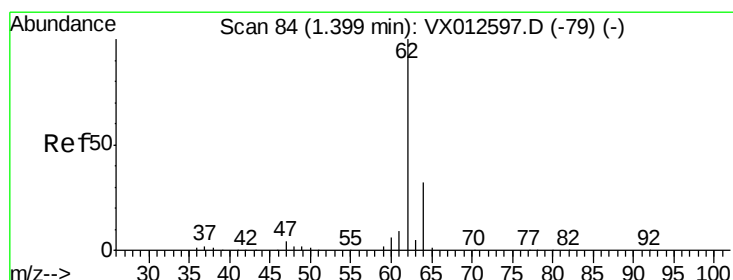
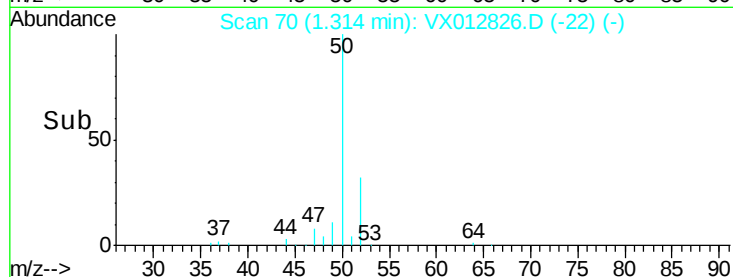
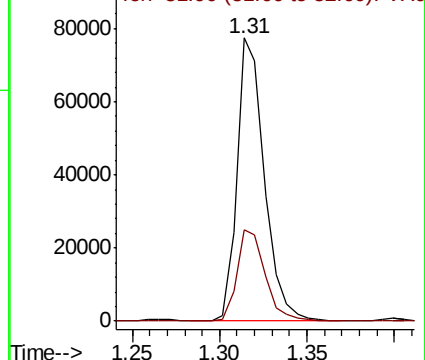
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.225 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012826.D

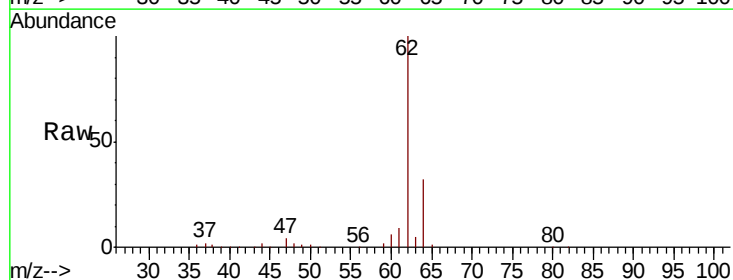
Acq: 04 Oct 2019 20:51

Tgt Ion: 62 Resp: 88371

Ion Ratio Lower Upper

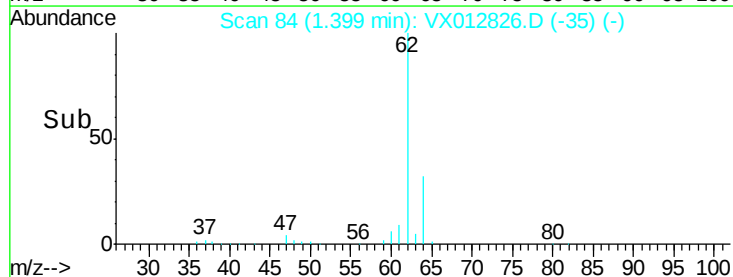
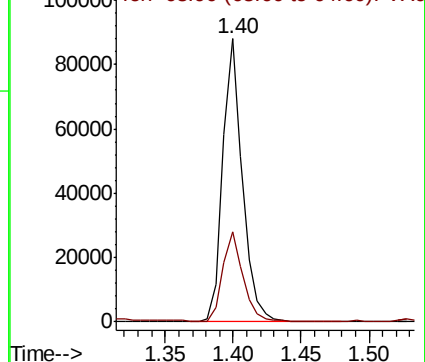
62 100

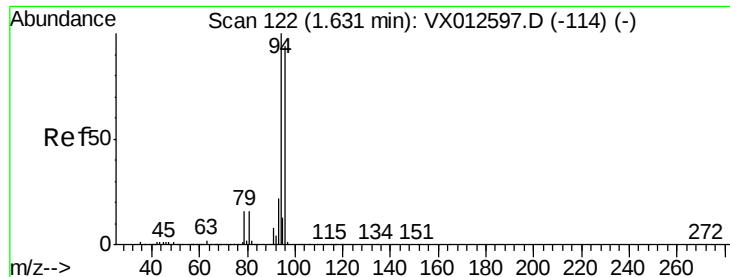
64 31.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.072 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

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ClientSampleId :

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Tot Ion: 94 Resp: 31482

Ion Ratio Lower Upper

94 100

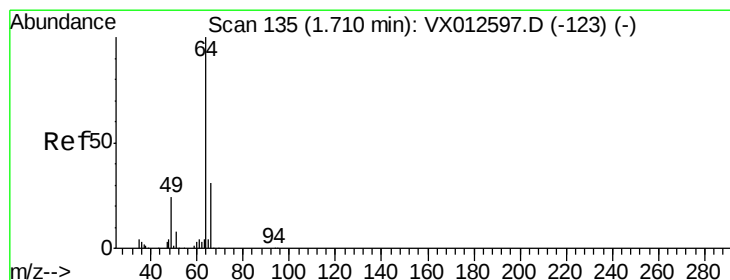
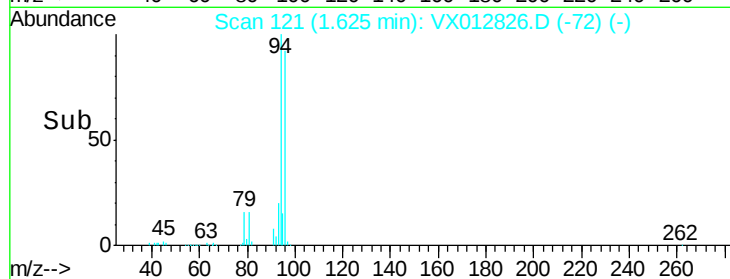
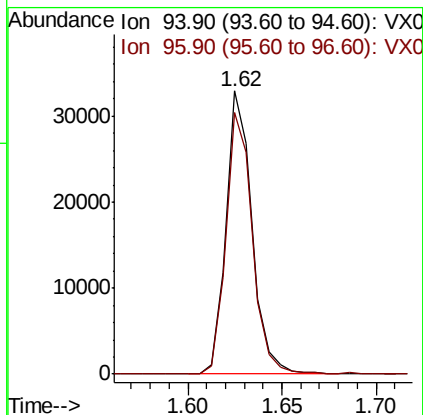
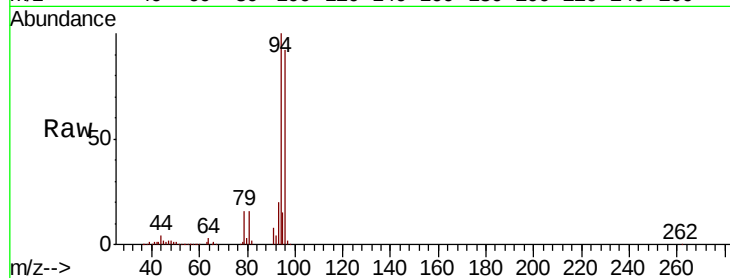
96 92.3 72.8 109.2

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#6

Chloroethane

Concen: 42.575 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012826.D

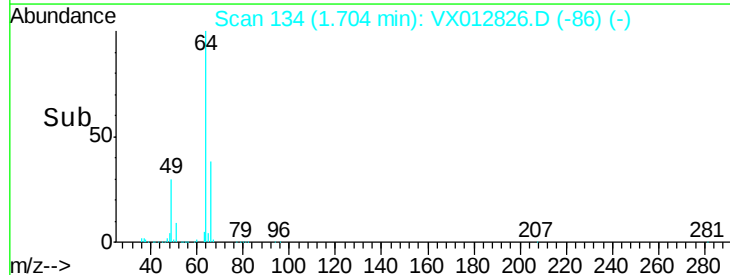
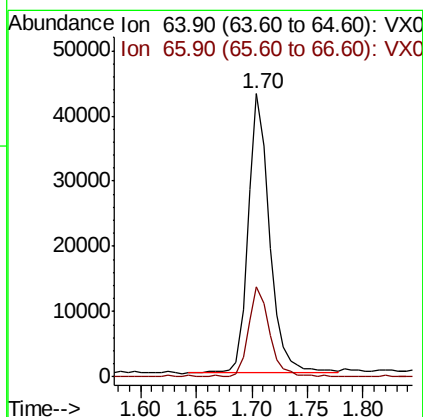
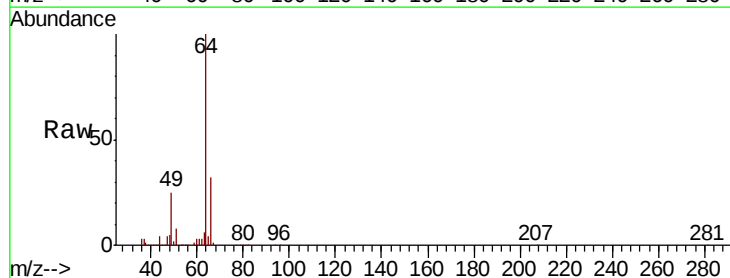
Acq: 04 Oct 2019 20:51

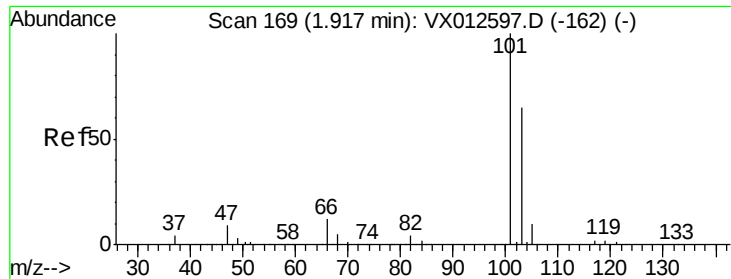
Tgt Ion: 64 Resp: 57351

Ion Ratio Lower Upper

64 100

66 31.8 24.0 36.0





#7

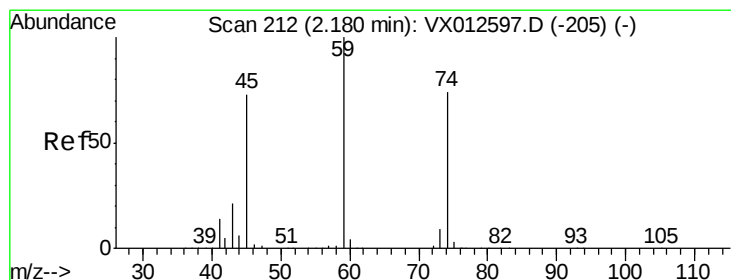
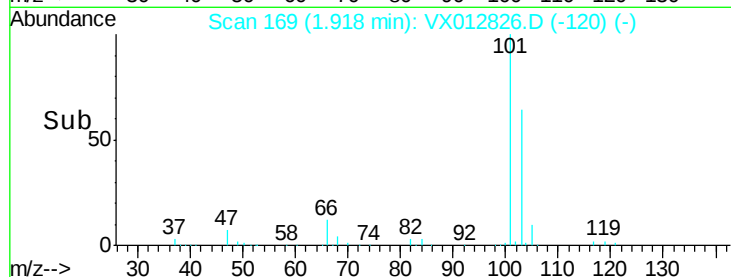
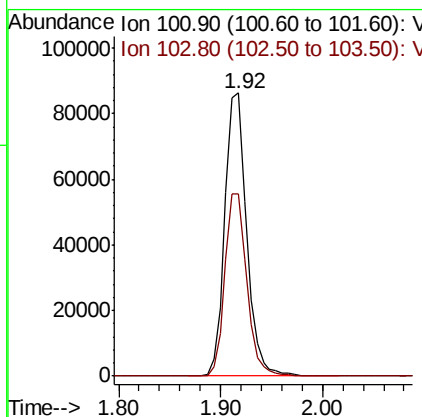
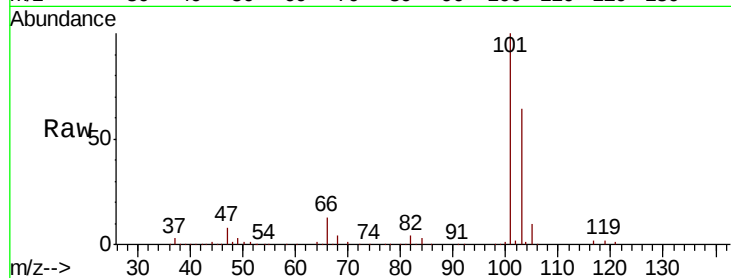
Trichlorofluoromethane
Concen: 45.751 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.0	76.4

Manual Integrations
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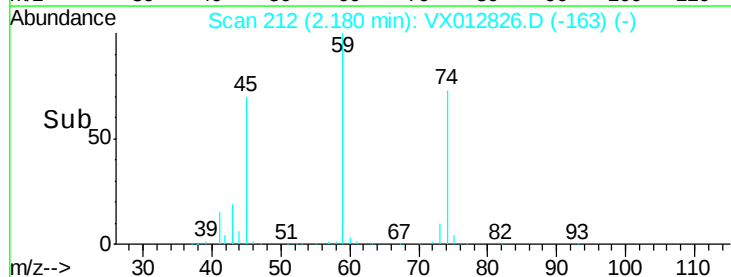
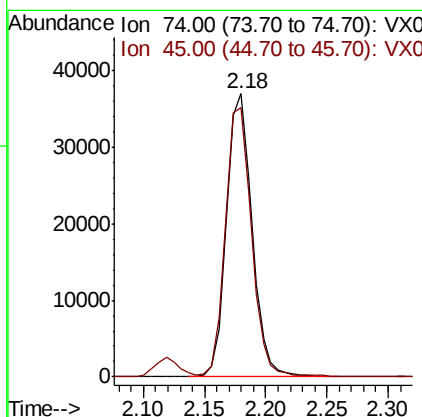
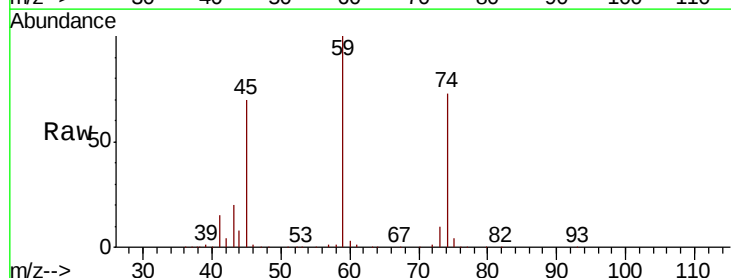
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10/7/2019 9:26:37 AM

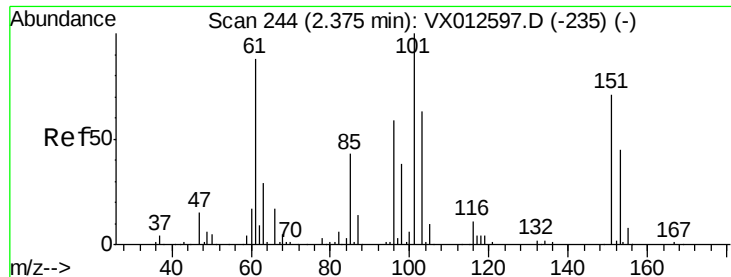


#8

Diethyl Ether
Concen: 46.316 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.671 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

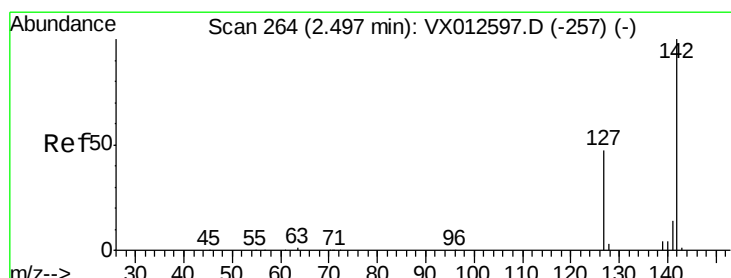
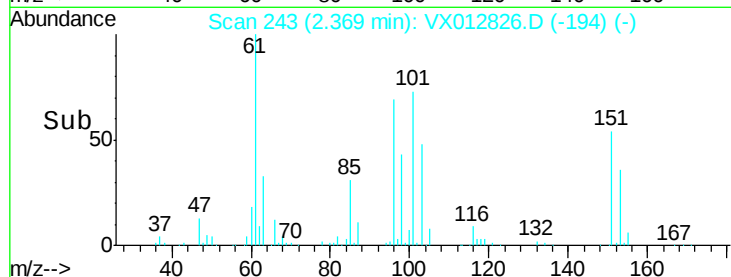
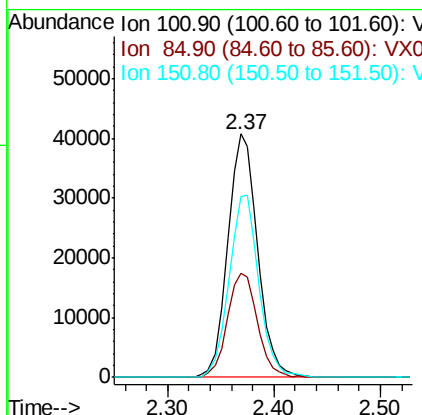
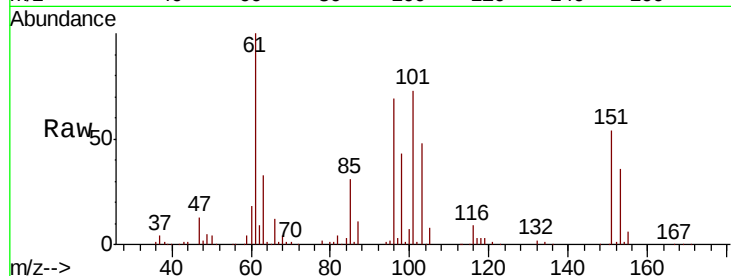
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	101	Resp:	79749
Ion Ratio	Lower	Upper	
101	100		
85	43.4	37.3	55.9
151	74.8	61.0	91.4

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#10

Methyl Iodide

Concen: 46.214 ug/l

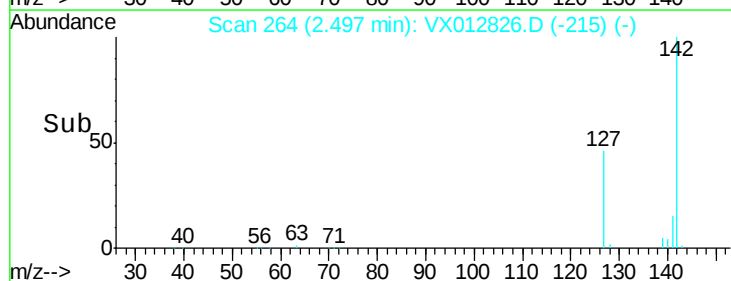
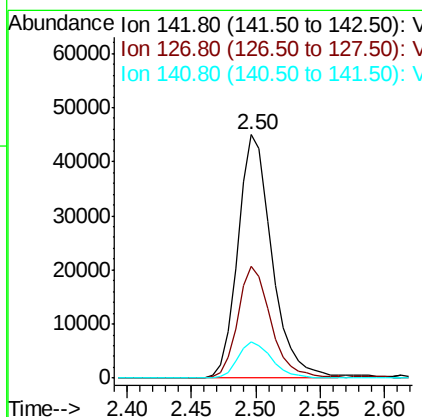
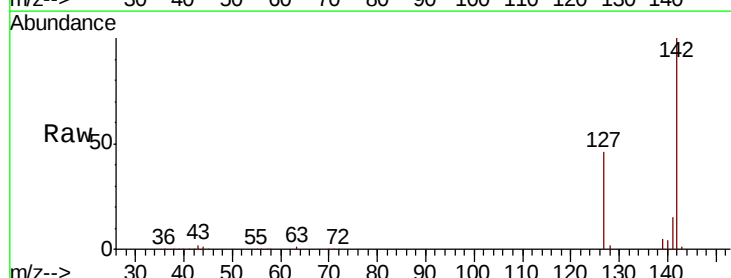
RT: 2.50 min Scan# 264

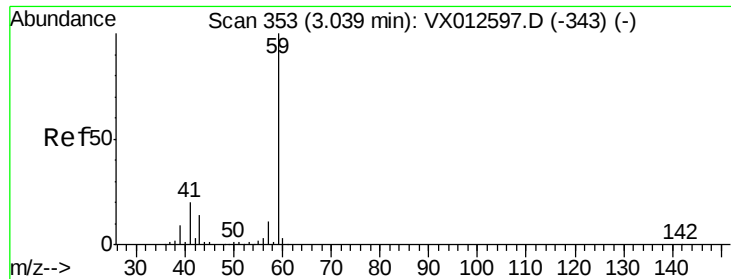
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	142	Resp:	82442
Ion Ratio	Lower	Upper	
142	100		
127	44.9	40.8	61.2
141	15.1	12.1	18.1





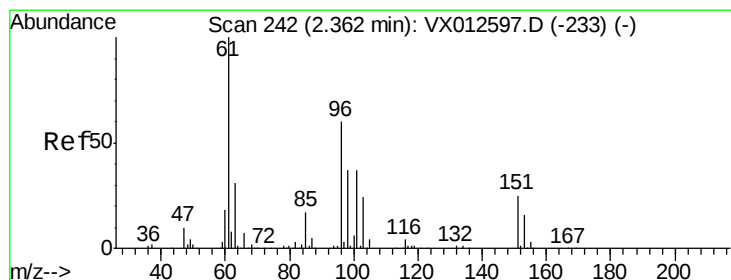
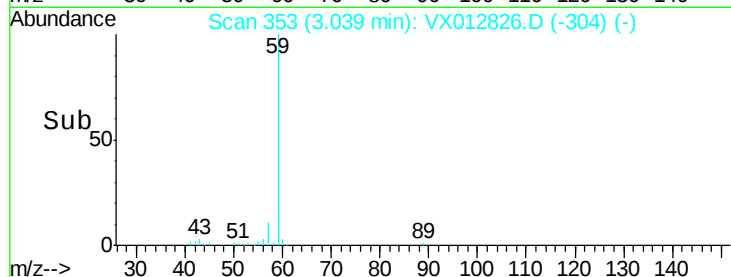
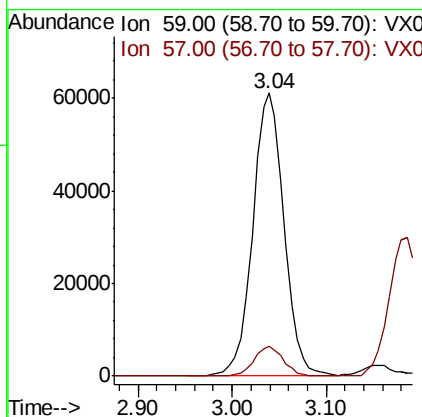
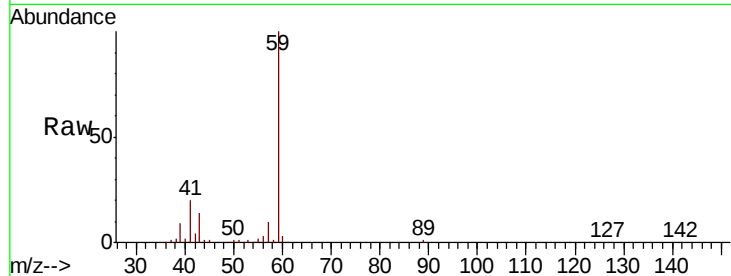
#11
Tert butyl alcohol
Concen: 251.533 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion: 59 Resp: 142394
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

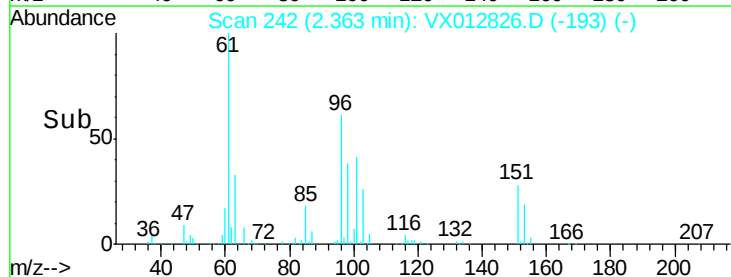
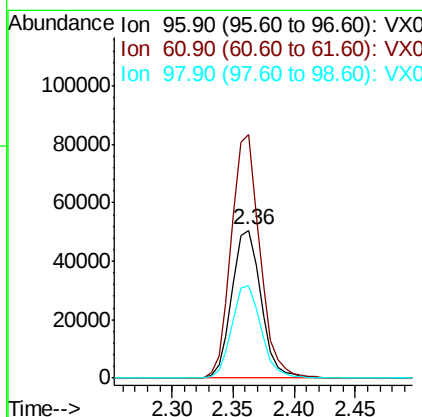
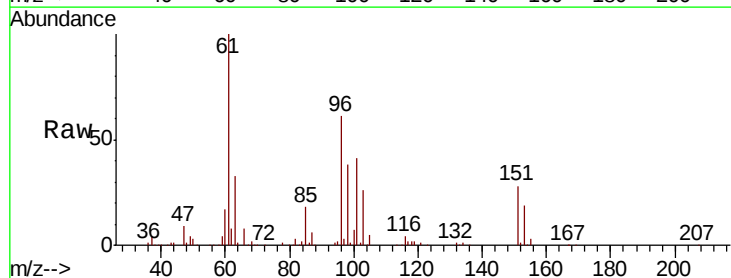
Manual Integrations
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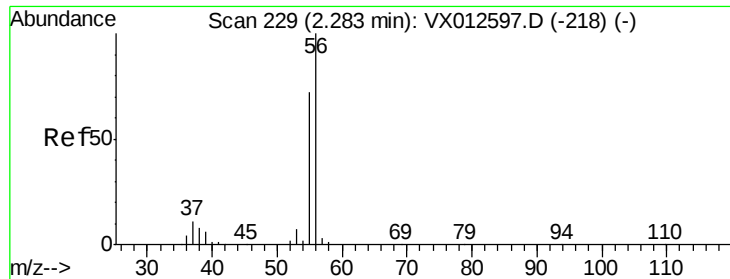
MMDadoda
10/7/2019 9:26:37 AM



#12
1,1-Dichloroethene
Concen: 49.984 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 96 Resp: 83634
Ion Ratio Lower Upper
96 100
61 164.4 133.8 200.6
98 62.3 49.9 74.9





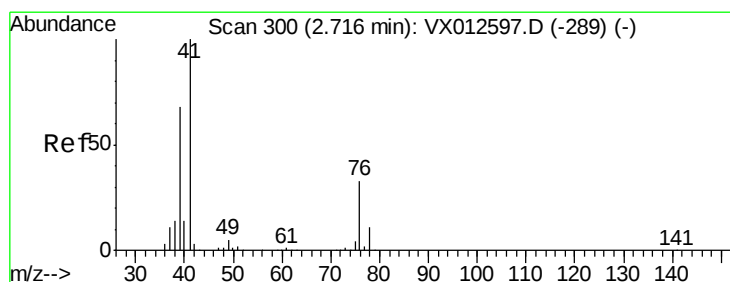
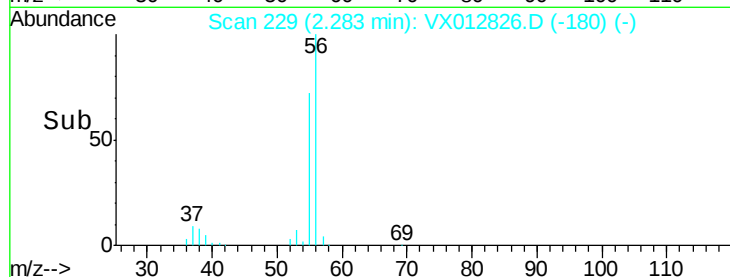
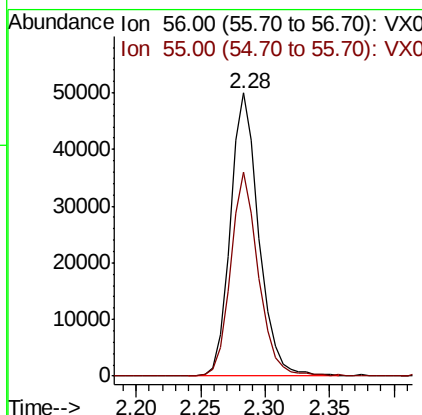
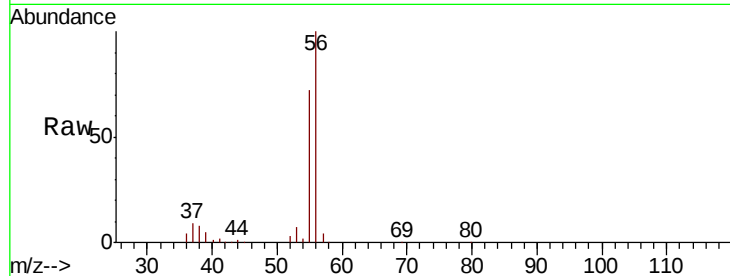
#13
Acrolein
Concen: 243.830 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.0	55.8	83.8

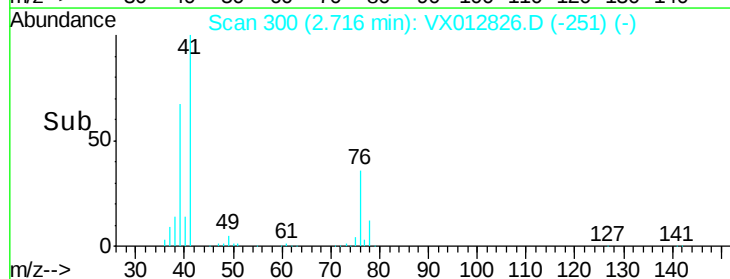
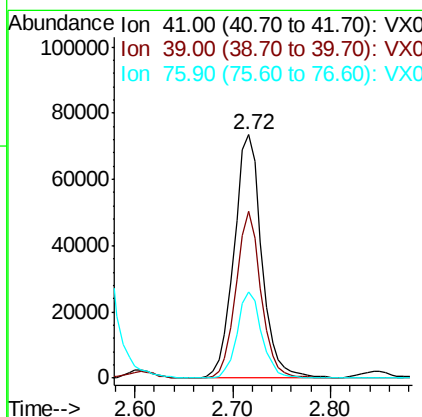
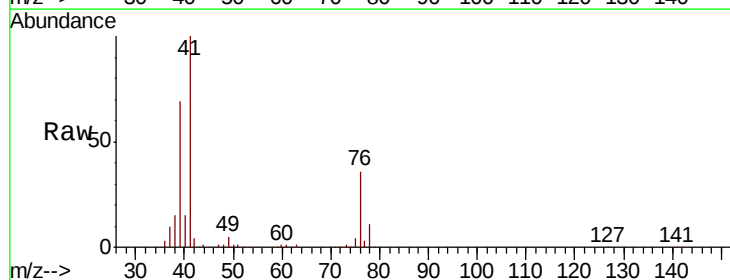
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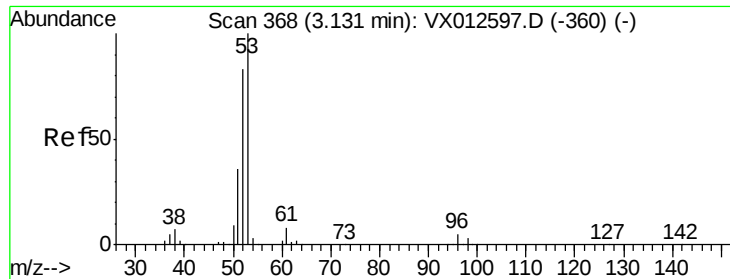
MMDadoda
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#14
Allyl chloride
Concen: 43.632 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.2	51.3	76.9
76	31.7	22.6	33.8





#15

Acrylonitrile

Concen: 249.432 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

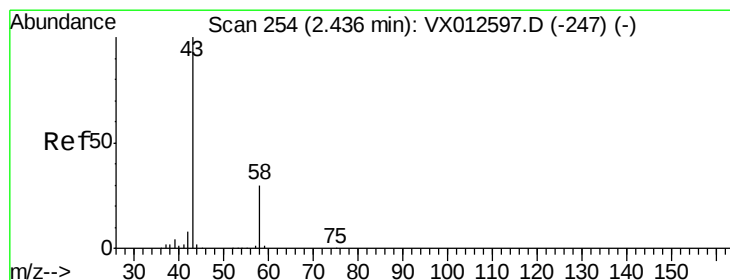
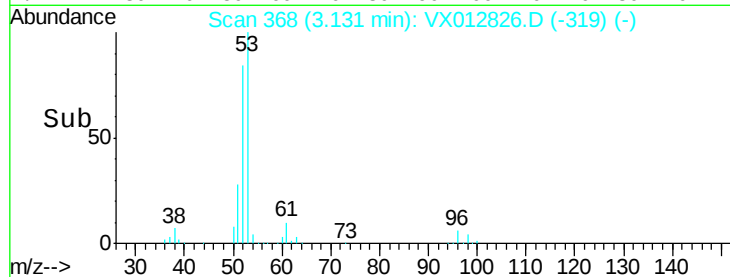
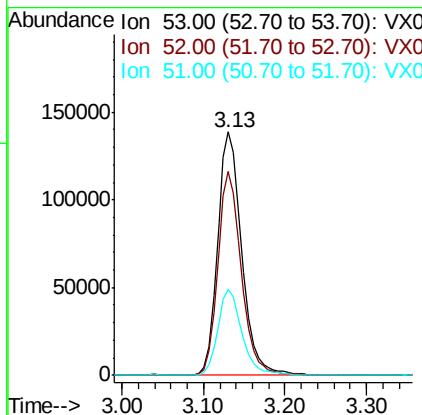
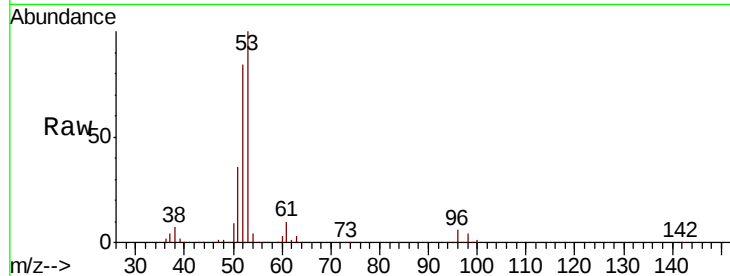
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	53	Resp:	286475
Ion Ratio	Lower	Upper	
53	100		
52	81.6	67.0	100.4
51	35.4	29.6	44.4

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#16

Acetone

Concen: 212.345 ug/l

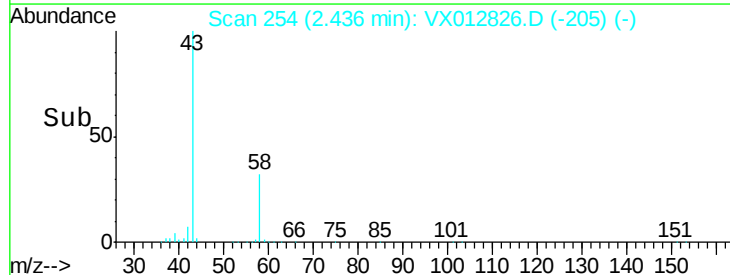
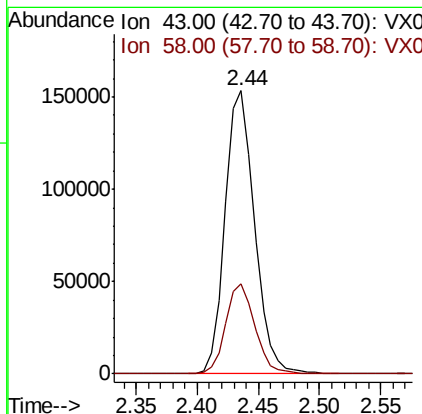
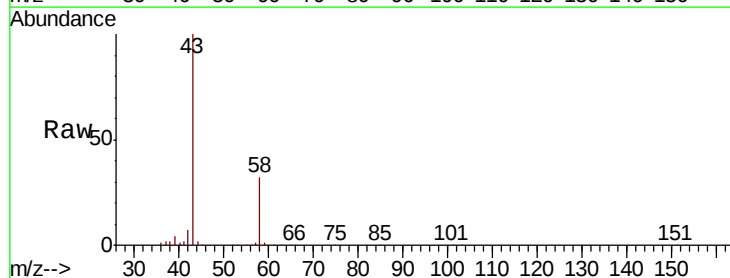
RT: 2.44 min Scan# 254

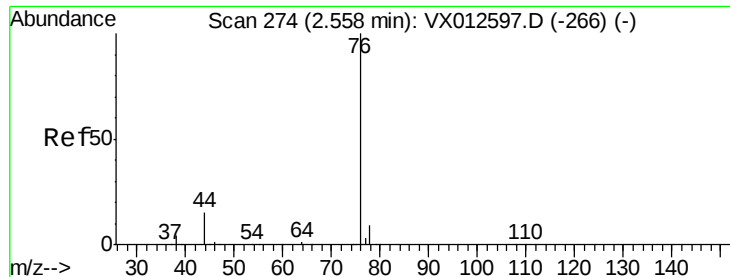
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	43	Resp:	254888
Ion Ratio	Lower	Upper	
43	100		
58	31.7	23.3	34.9





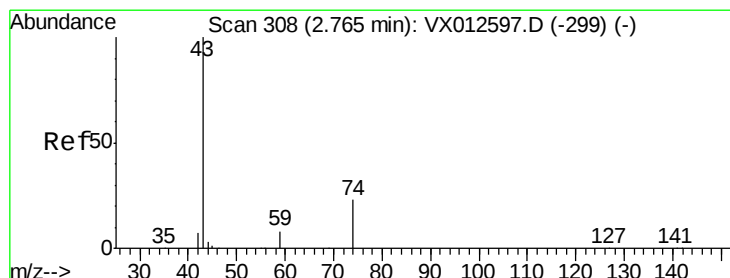
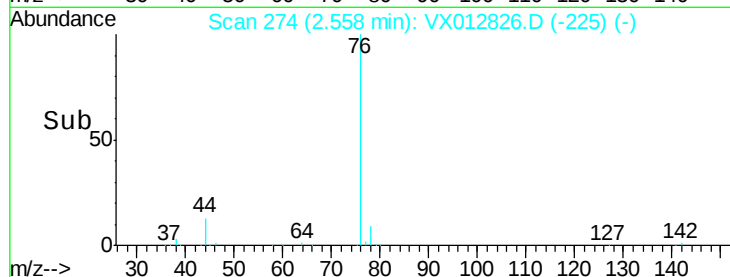
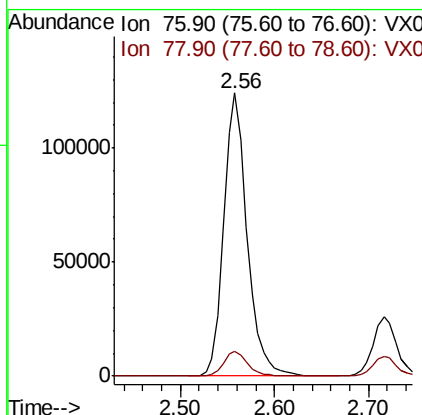
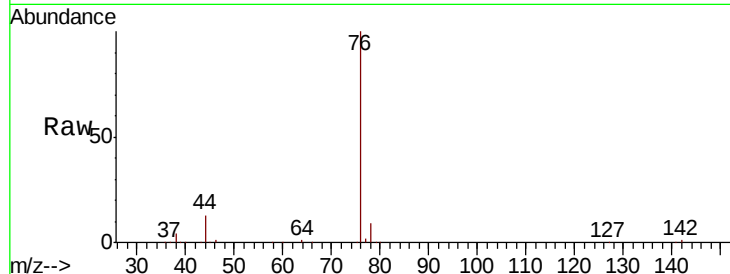
#17
Carbon Disulfide
Concen: 45.382 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

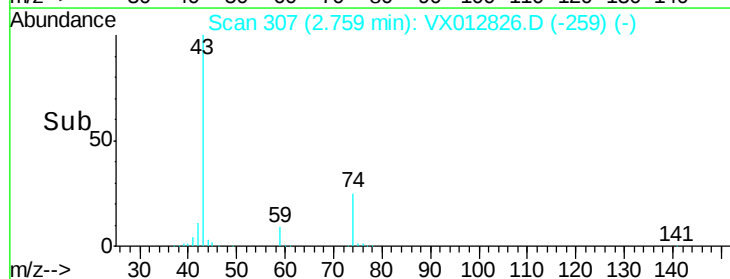
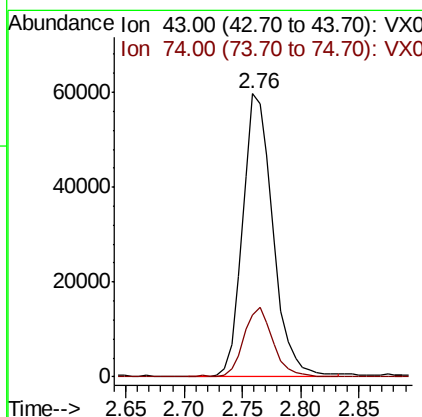
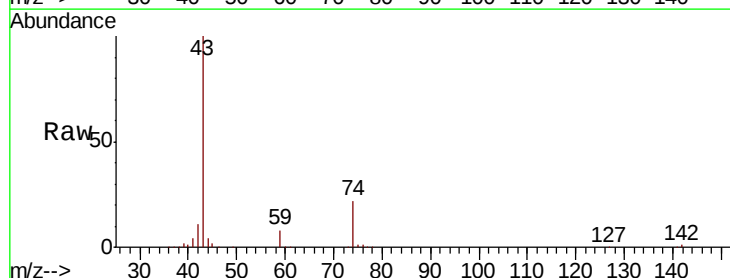
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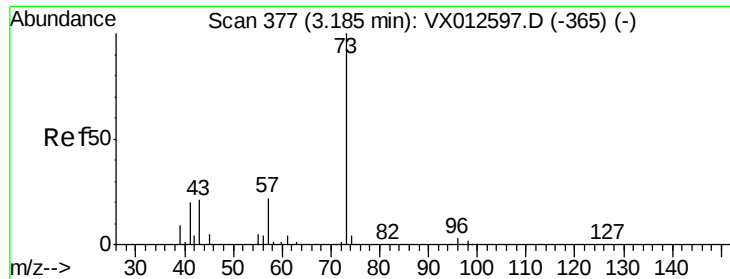
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#18
Methyl Acetate
Concen: 38.121 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.7	26.5





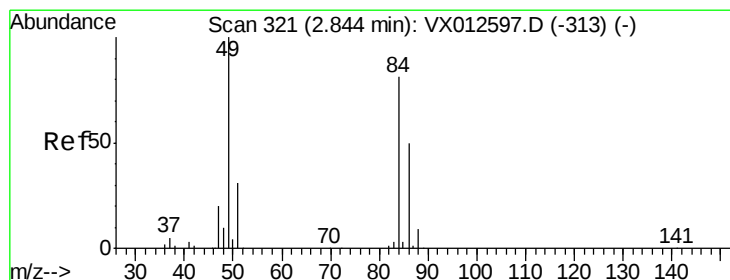
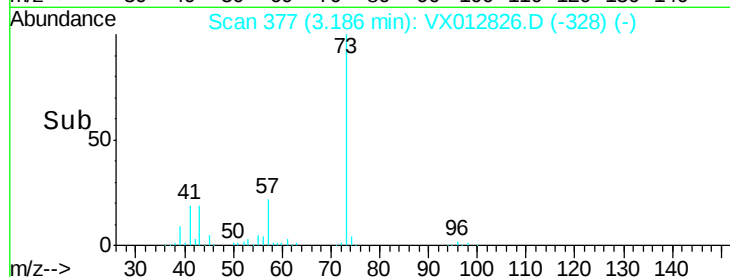
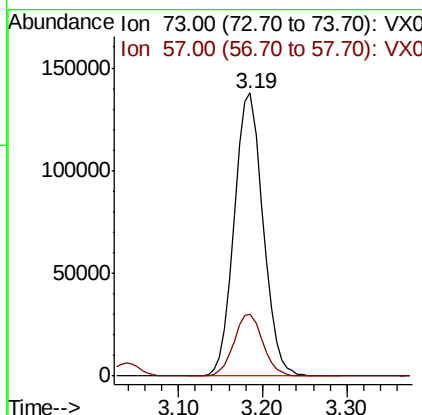
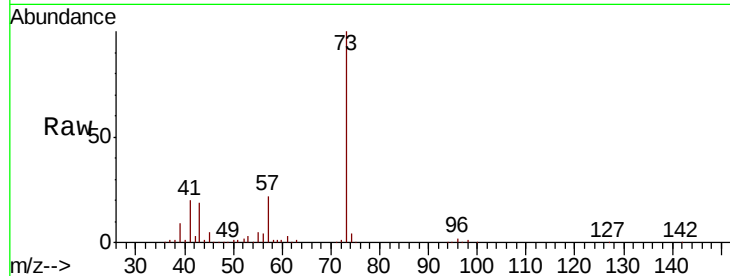
#19
Methyl tert-butyl Ether
Concen: 50.257 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion: 73 Resp: 318291
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

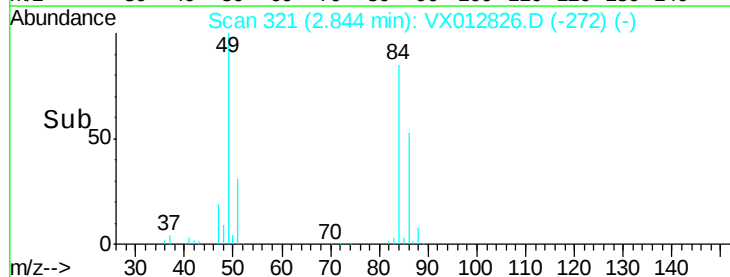
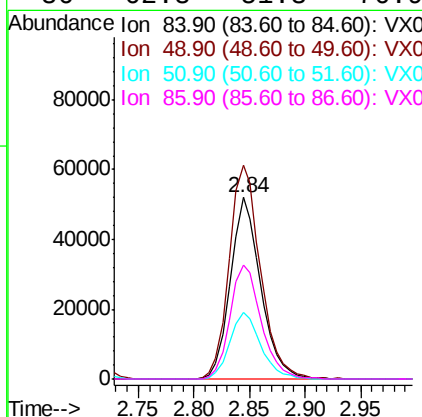
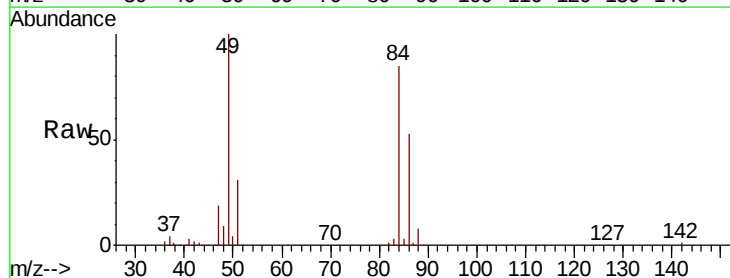
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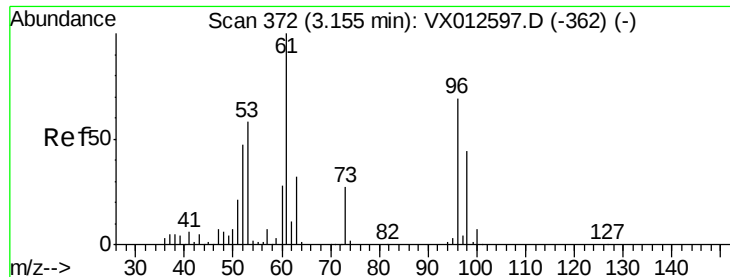
MMDadoda
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#20
Methylene Chloride
Concen: 48.289 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 84 Resp: 98037
Ion Ratio Lower Upper
84 100
49 117.6 106.8 160.2
51 36.3 32.3 48.5
86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.036 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

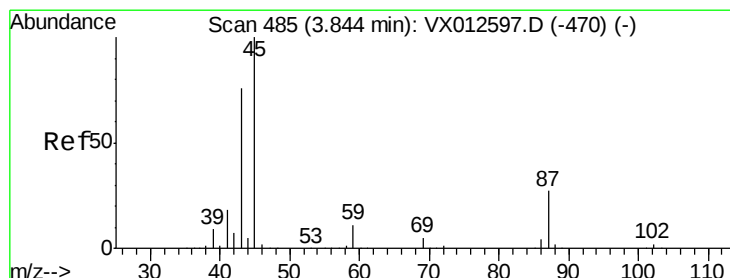
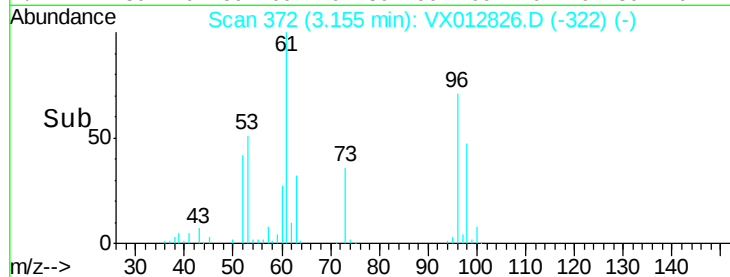
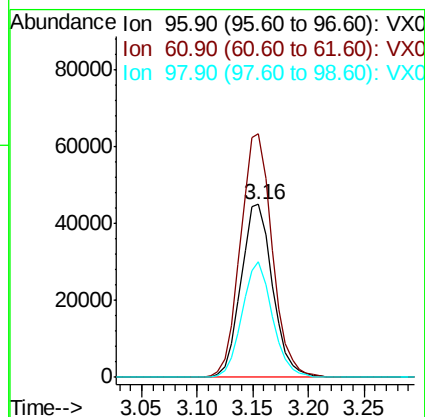
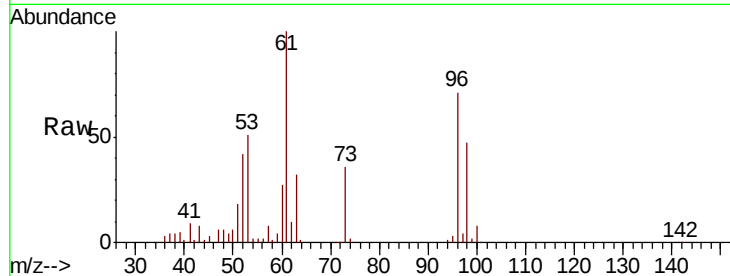
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	96	Resp:	89045
Ion	Ratio	Lower	Upper
96	100		
61	140.7	112.0	168.0
98	66.6	47.8	71.8

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#22

Diisopropyl ether

Concen: 48.616 ug/l

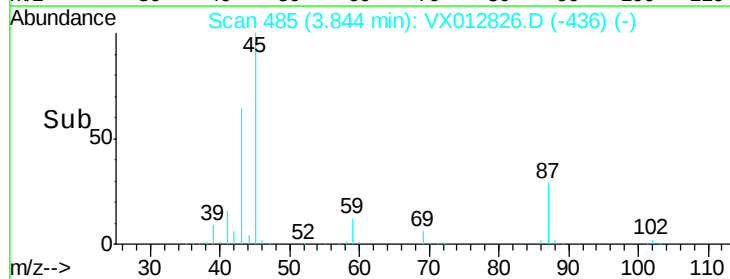
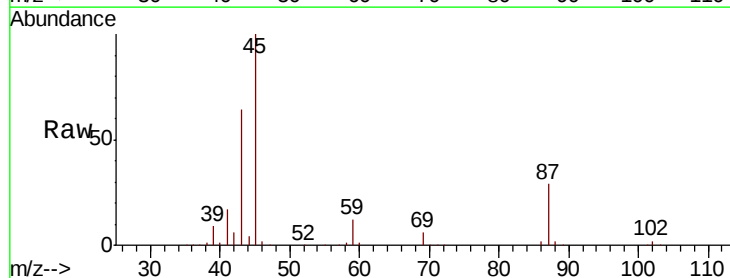
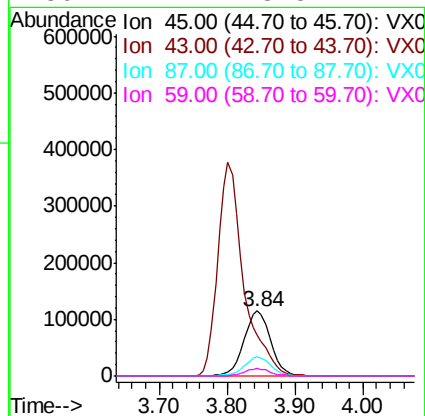
RT: 3.84 min Scan# 485

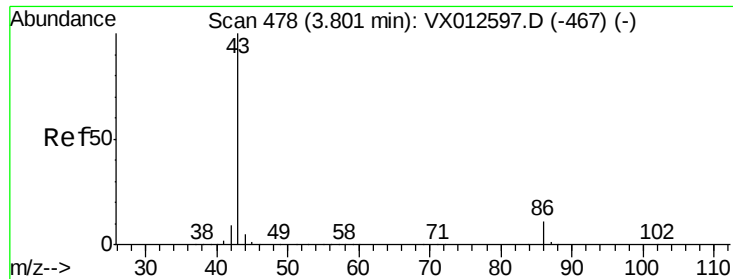
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	45	Resp:	311851
Ion	Ratio	Lower	Upper
45	100		
43	64.0	57.8	86.8
87	29.3	21.3	31.9
59	12.1	8.5	12.7





#23

Vinyl Acetate

Concen: 178.051 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 43 Resp: 1001577

Ion Ratio Lower Upper

43 100

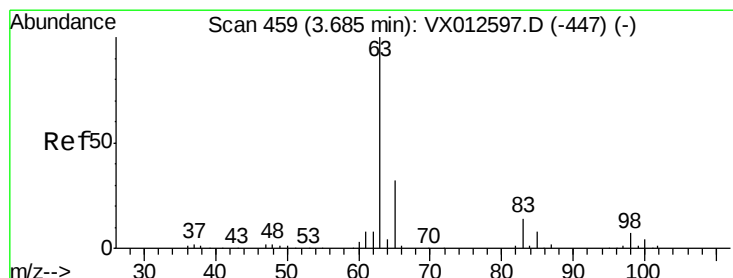
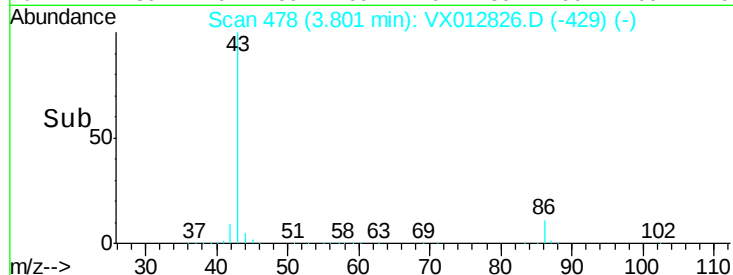
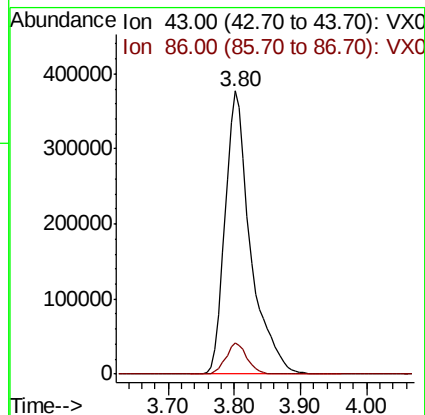
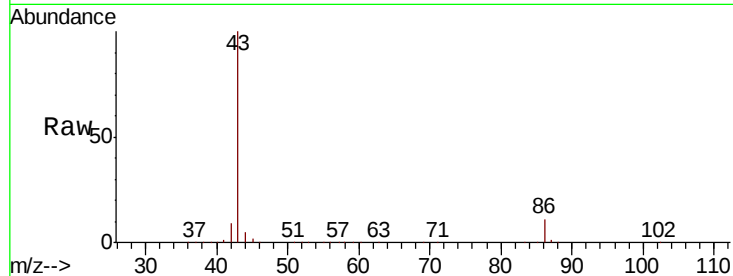
86 11.0 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.250 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

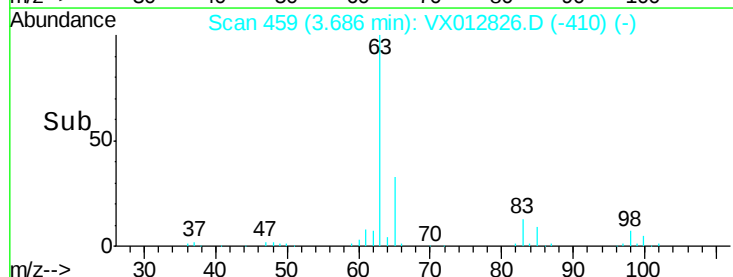
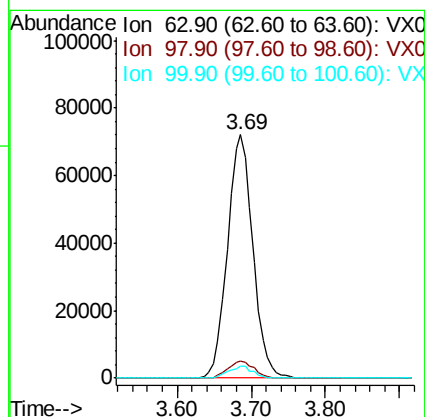
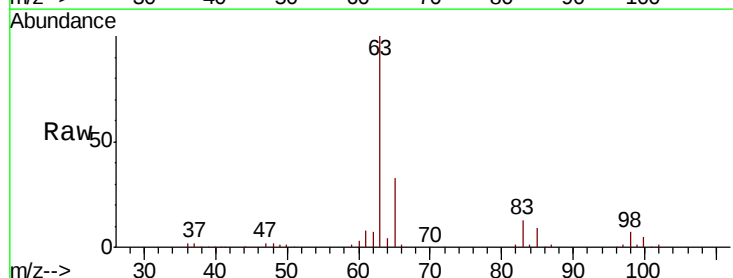
Tgt Ion: 63 Resp: 171724

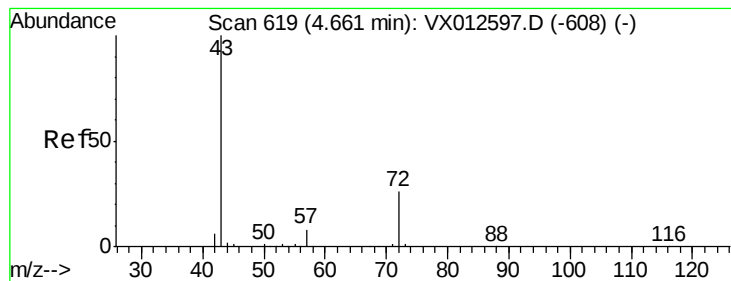
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 5.1 2.3 6.9





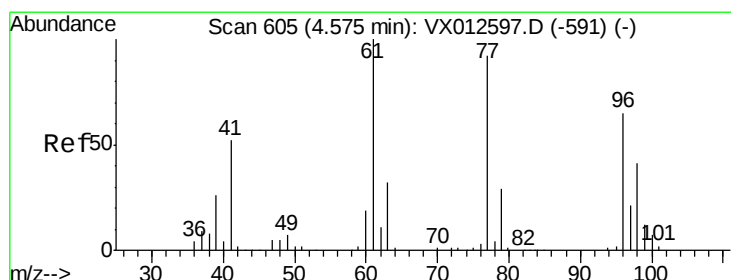
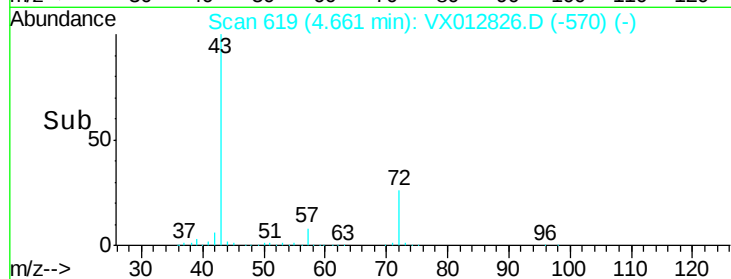
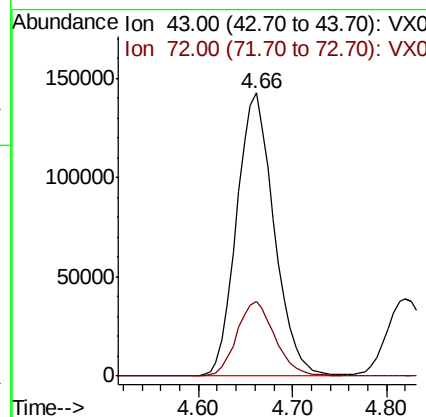
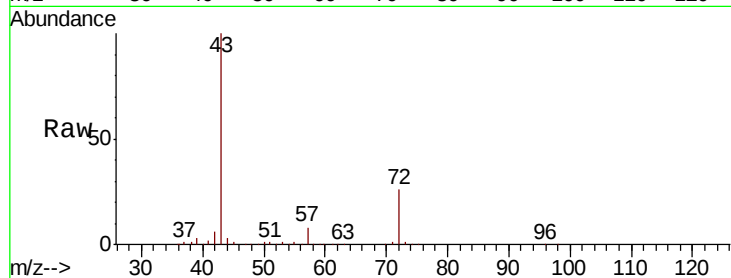
#25
2-Butanone
Concen: 229.758 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion: 43 Resp: 395442
Ion Ratio Lower Upper
43 100
72 26.1 19.2 28.8

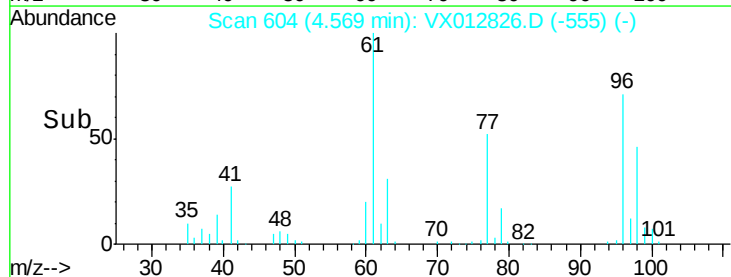
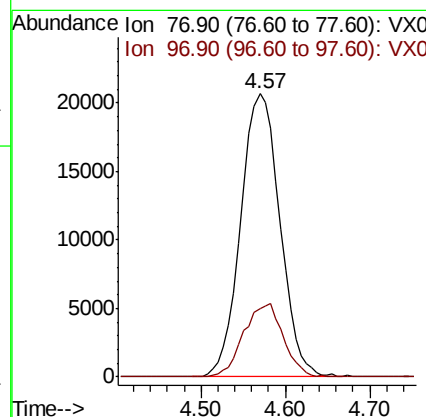
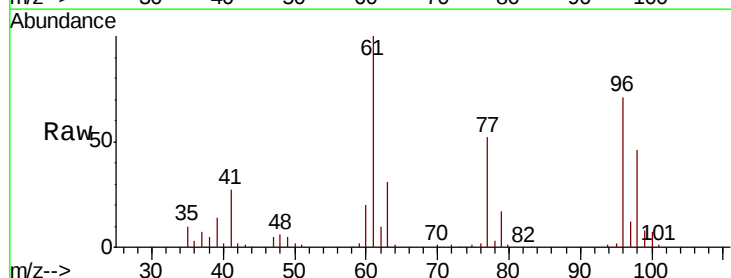
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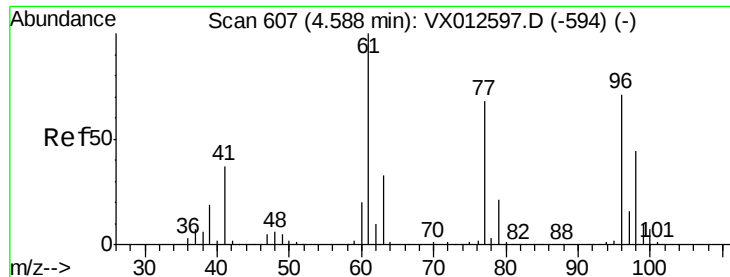
MMDadoda
10/7/2019 9:26:37 AM



#26
2,2-Dichloropropane
Concen: 21.055 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 77 Resp: 65293
Ion Ratio Lower Upper
77 100
97 26.2 10.5 31.6





#27

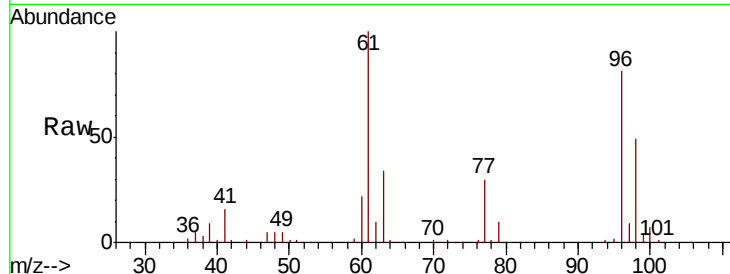
cis-1,2-Dichloroethene
Concen: 49.397 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

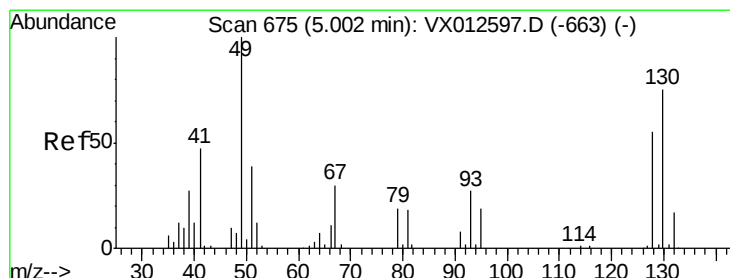
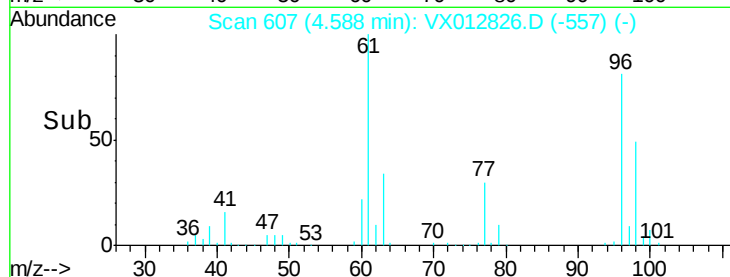
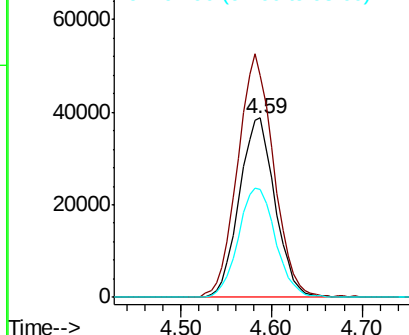
Tot Ion	Ratio	Resp	Lower	Upper
96	100	106246		
61	136.1	0.0	319.4	
98	63.3	0.0	130.6	

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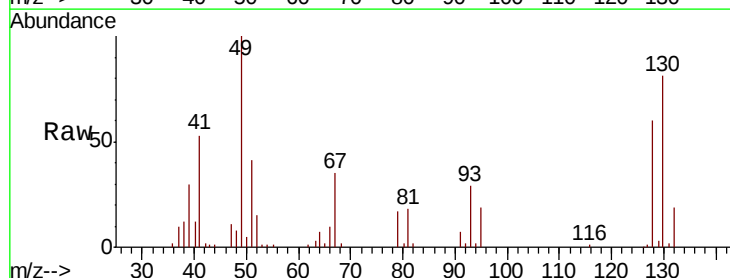
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



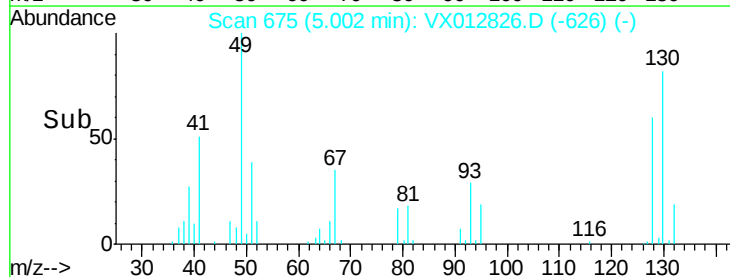
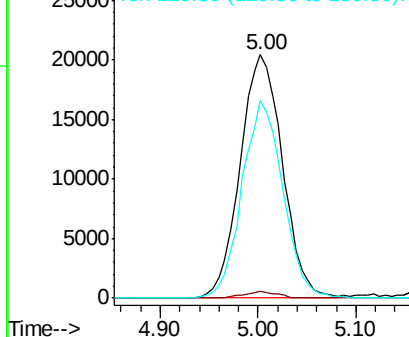
#28

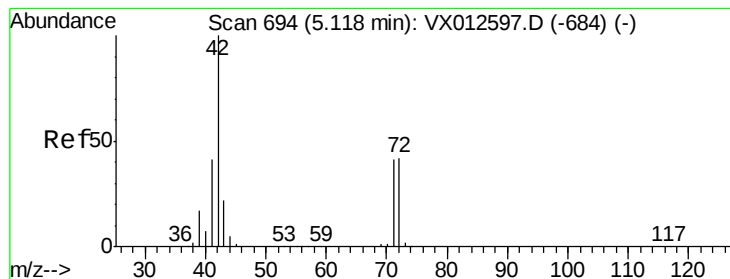
Bromochloromethane
Concen: 48.516 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	61424		
129	2.1	0.0	3.8	
130	78.3	58.2	87.4	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 241.878 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

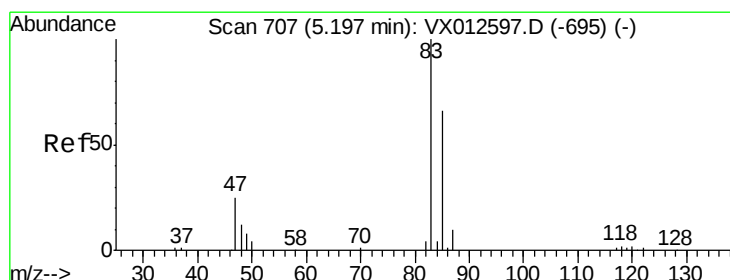
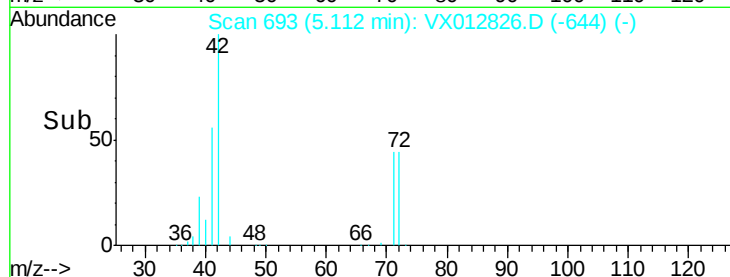
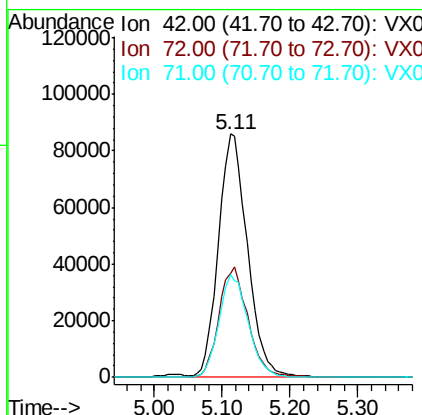
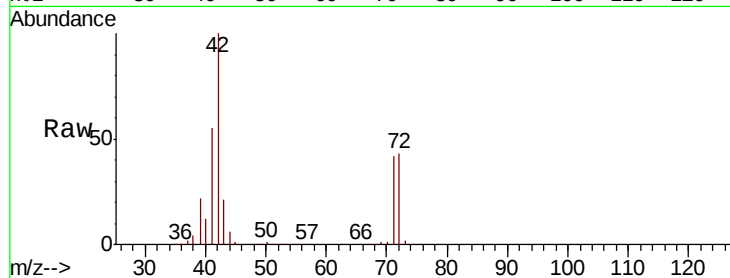
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	42	Resp:	253737
Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.0	51.0
71	42.5	31.5	47.3

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#30

Chloroform

Concen: 48.551 ug/l

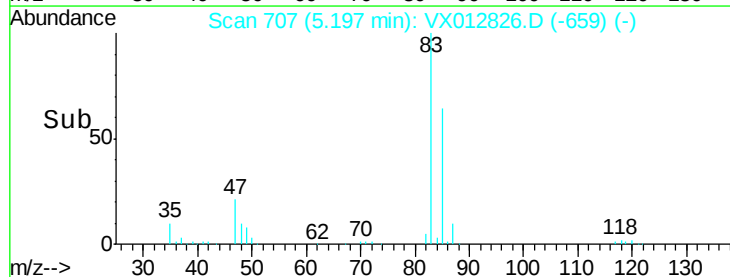
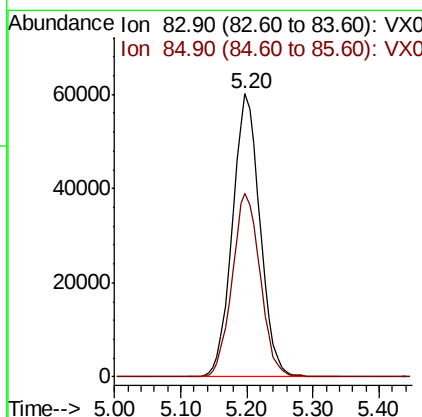
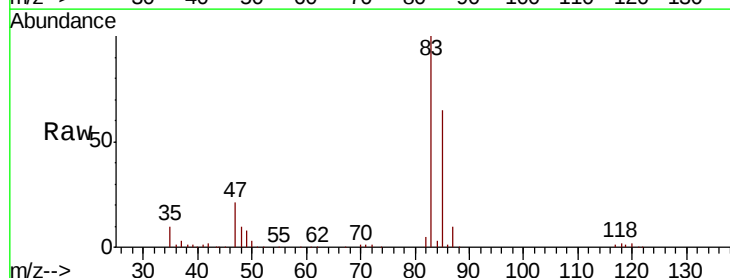
RT: 5.20 min Scan# 707

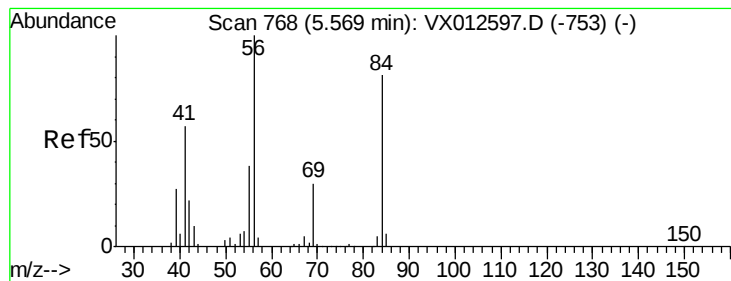
Delta R.T. -0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	83	Resp:	173194
Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.0	79.4





#31

Cyclohexane

Concen: 46.722 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

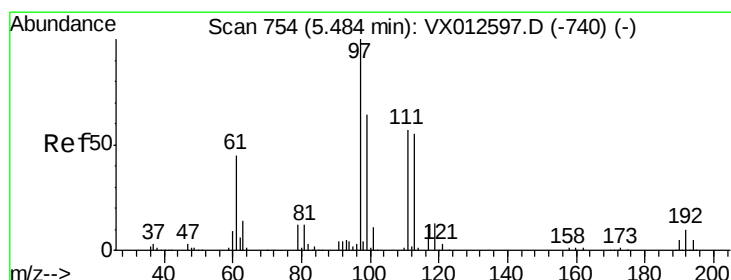
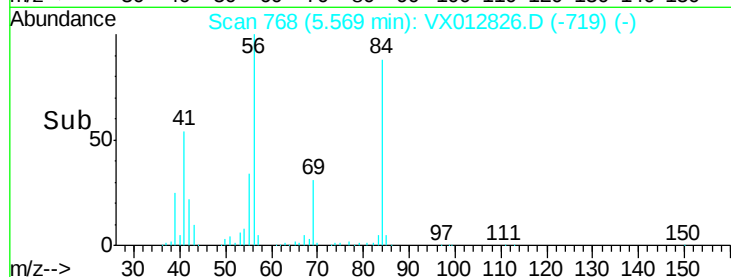
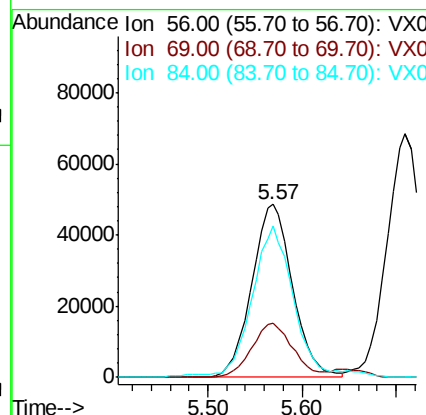
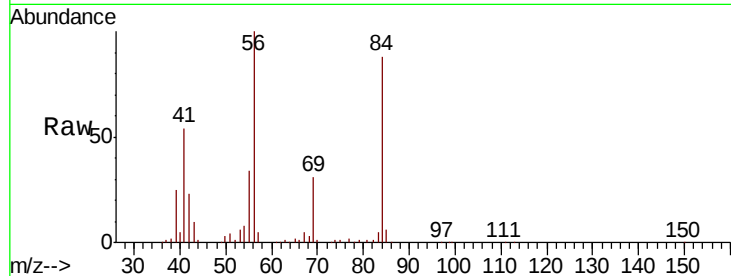
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	56	Resp:	147380
Ion Ratio	Lower	Upper	
56	100		
69	31.5	25.0	37.6
84	85.9	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 47.863 ug/l

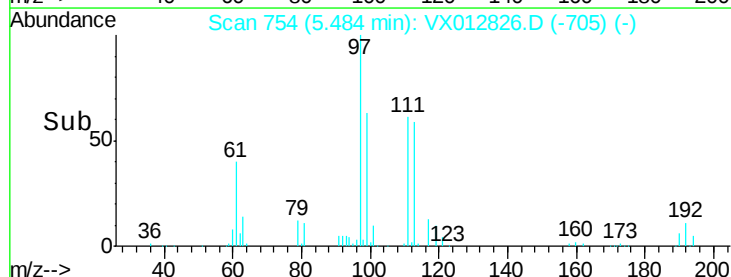
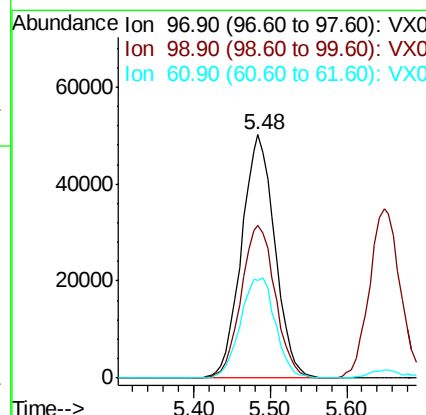
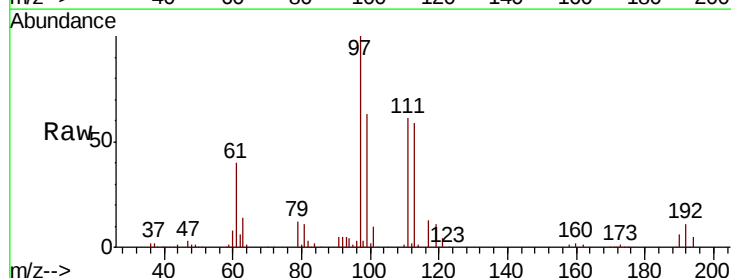
RT: 5.48 min Scan# 754

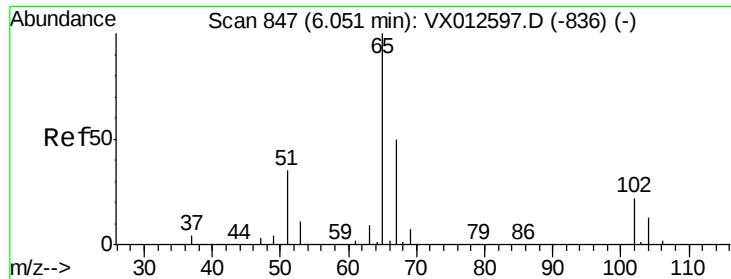
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	97	Resp:	151322
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.3	76.9
61	43.4	36.1	54.1





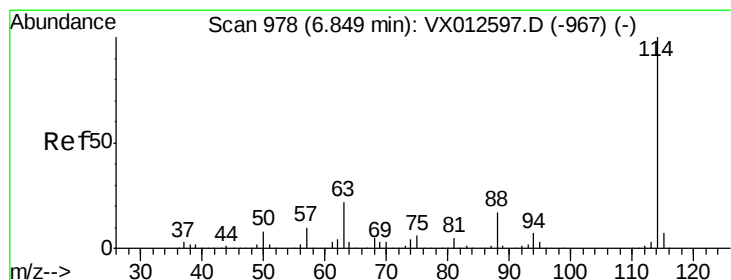
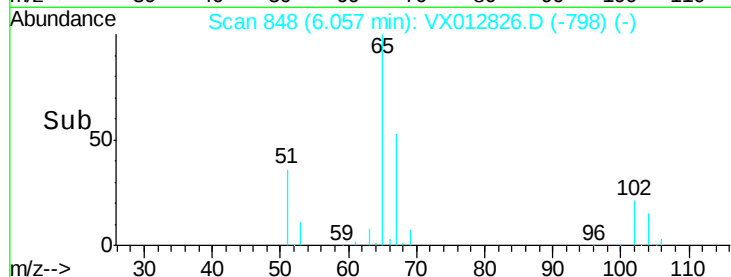
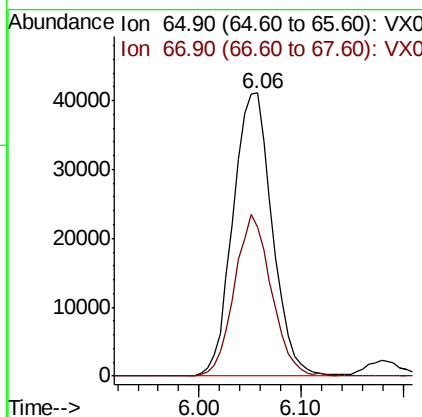
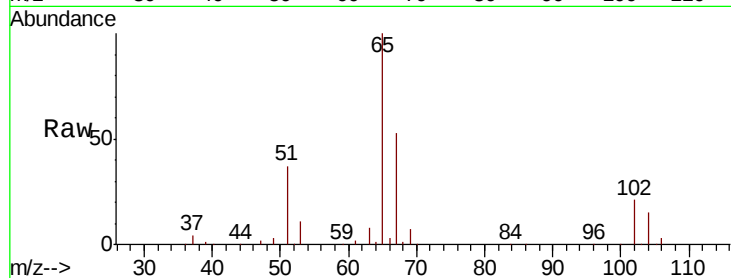
#33
 1,2-Dichloroethane-d4
 Concen: 48.423 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109735		
67	53.8	0.0	101.2	

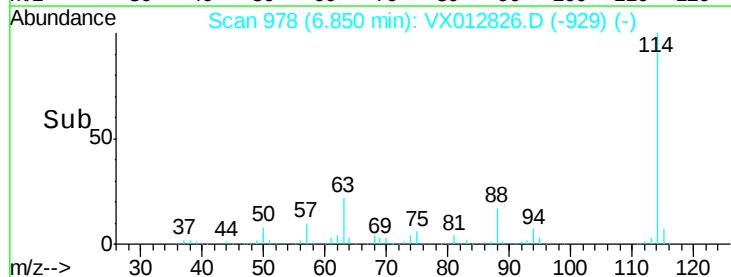
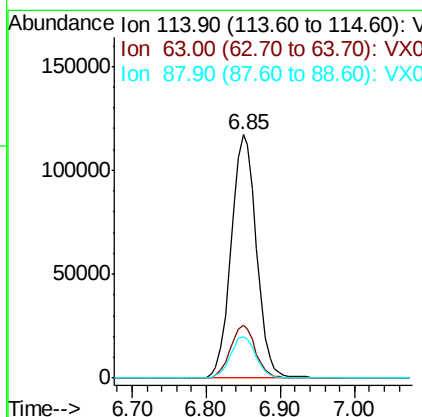
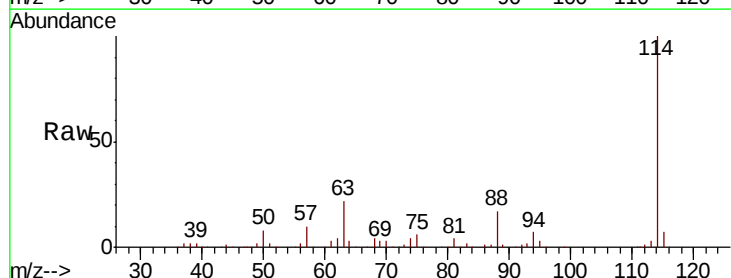
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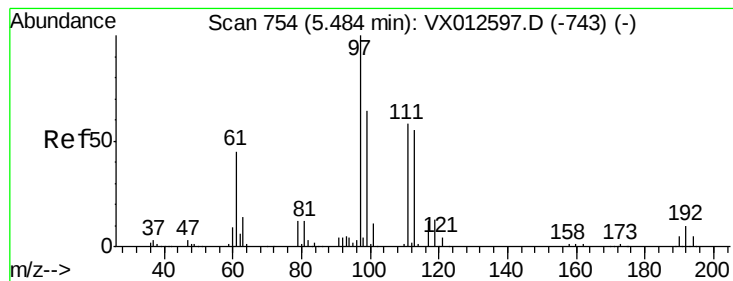
MMDadoda
 10/7/2019 9:26:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	278767		
63	21.6	0.0	43.2	
88	17.2	0.0	33.2	





#35

Dibromofluoromethane

Concen: 51.971 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

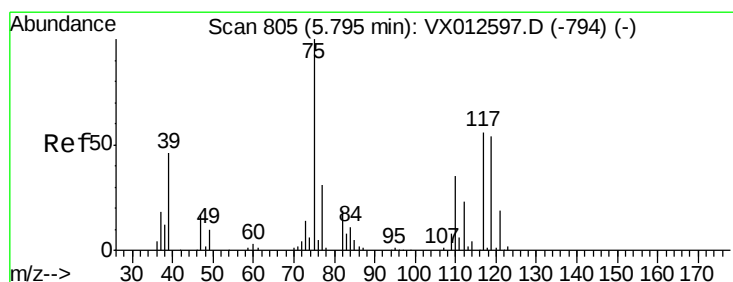
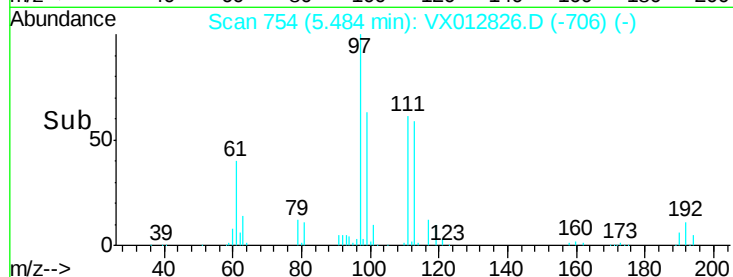
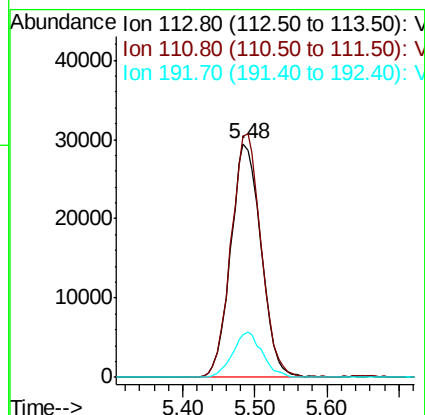
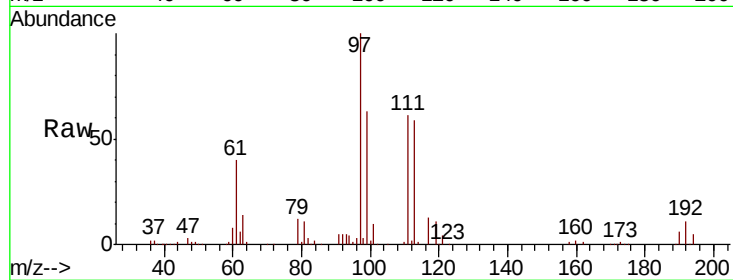
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	113	Resp:	86281
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	18.7	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 46.384 ug/l

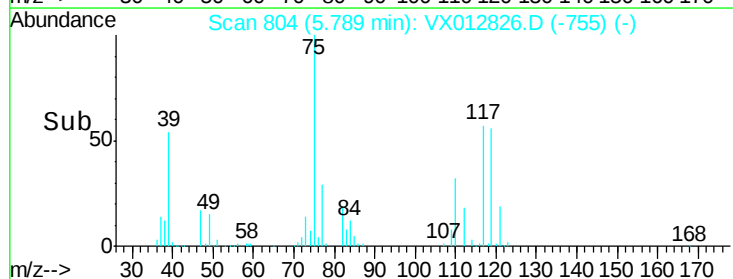
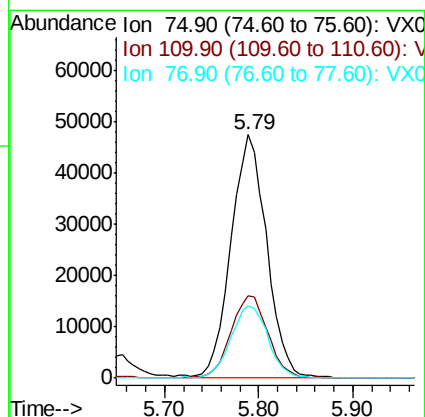
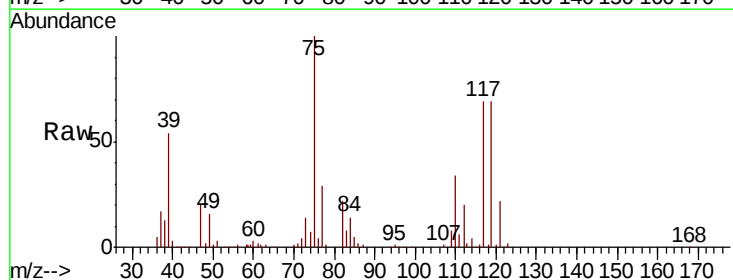
RT: 5.79 min Scan# 804

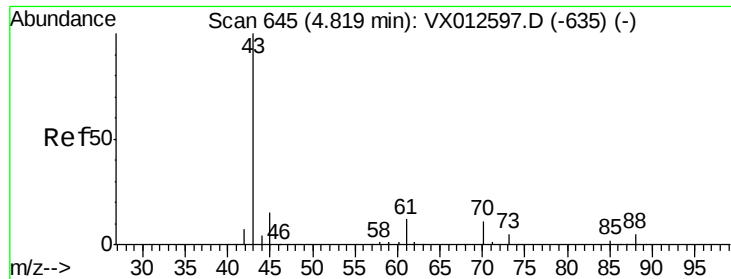
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	75	Resp:	124634
Ion	Ratio	Lower	Upper
75	100		
110	35.4	16.7	50.0
77	31.2	24.2	36.2





#37

Ethyl Acetate

Concen: 37.468 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

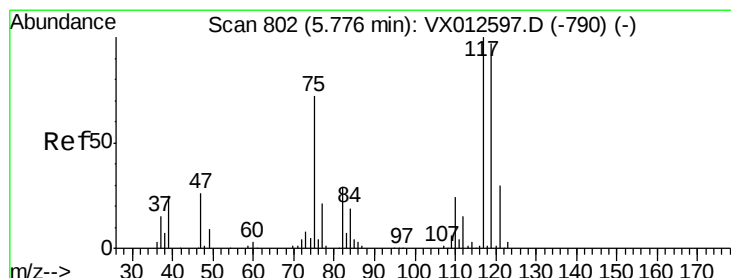
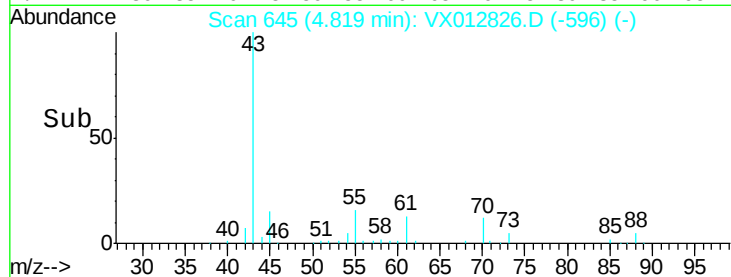
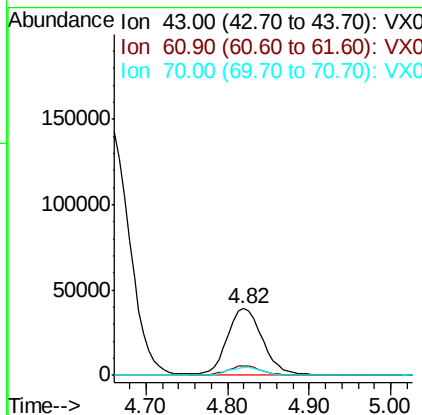
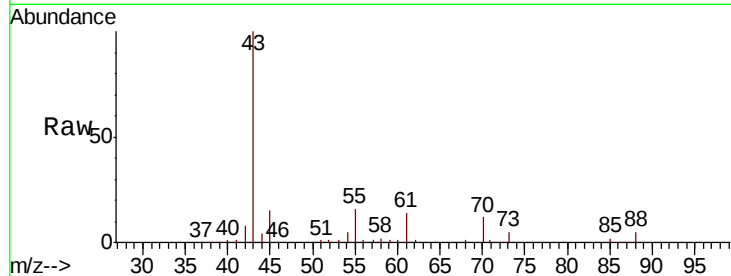
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	43	Resp:	117703
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	11.5	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 46.807 ug/l

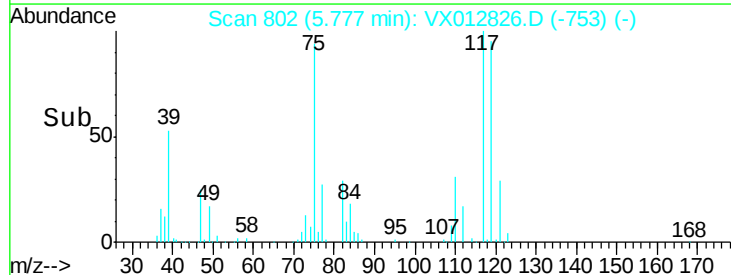
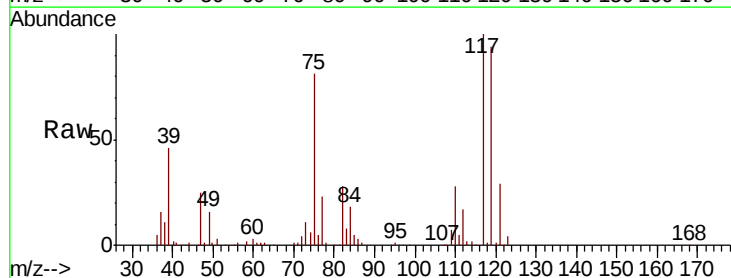
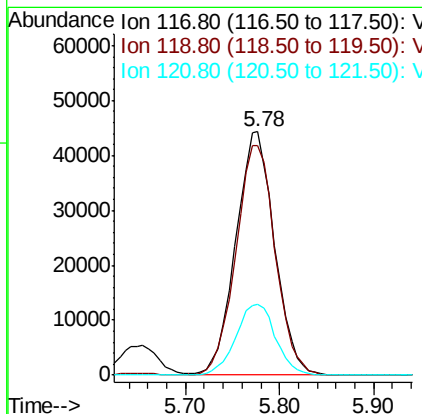
RT: 5.78 min Scan# 802

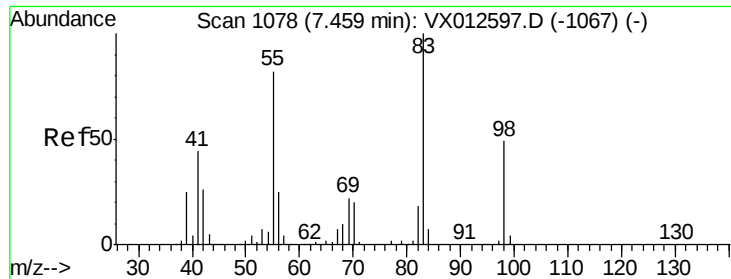
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	117	Resp:	127762
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.7	113.5
121	29.0	24.2	36.4





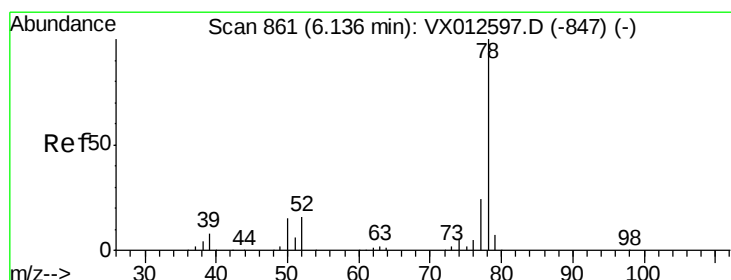
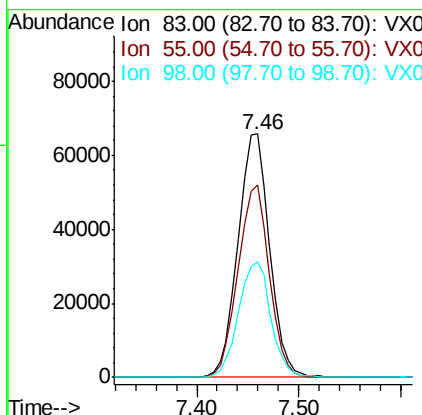
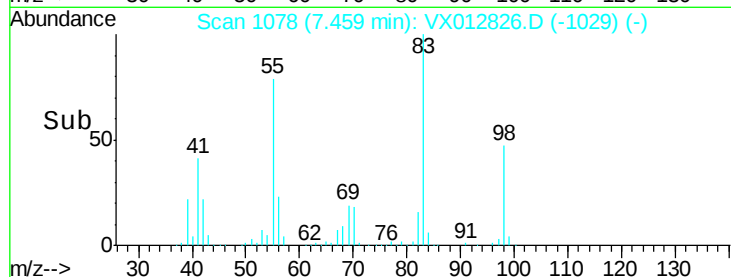
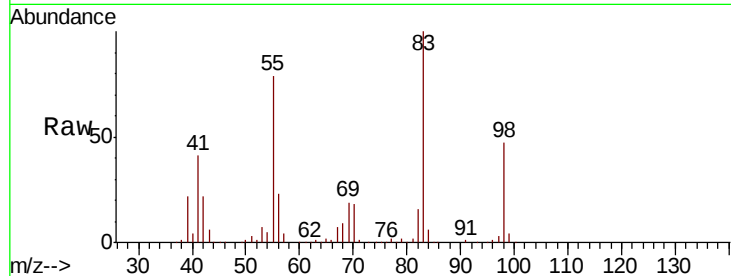
#39
Methvlcvclohexane
Concen: 43.855 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	64.4	96.6
98	47.4	40.1	60.1

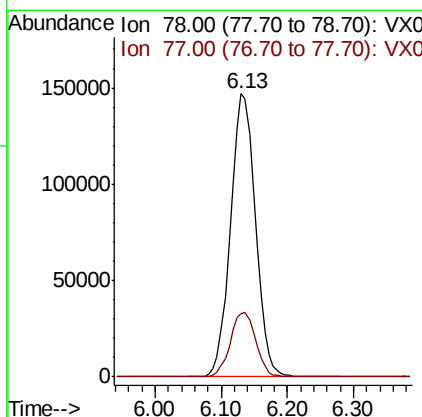
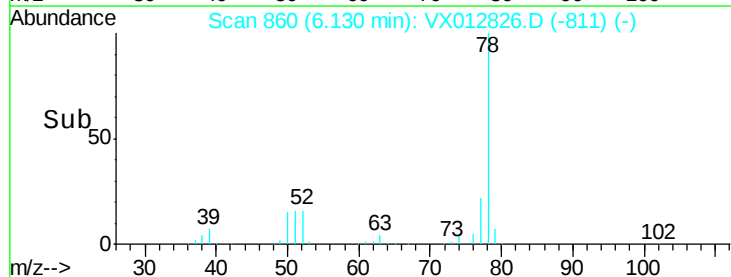
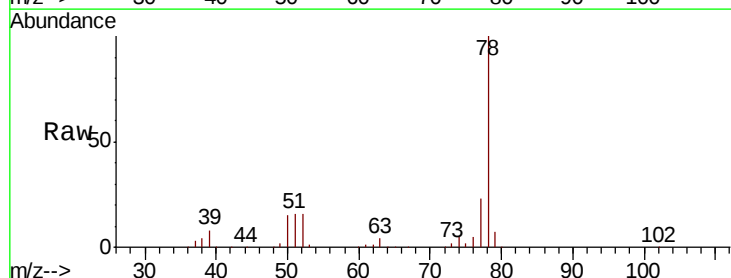
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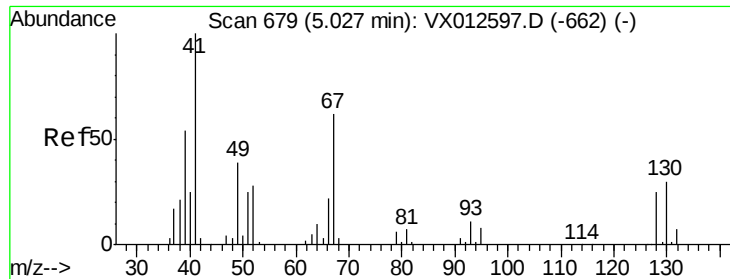
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#40
Benzene
Concen: 48.722 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8





#41

Methacrylonitrile

Concen: 46.909 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 41 Resp: 82679

Ion Ratio Lower Upper

41 100

39 55.5 46.0 69.0

67 72.4 52.2 78.2

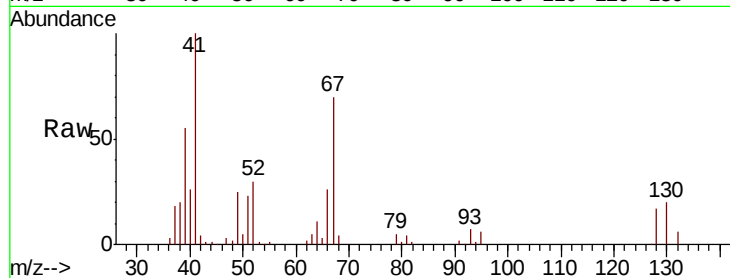
52 30.5 22.7 34.1

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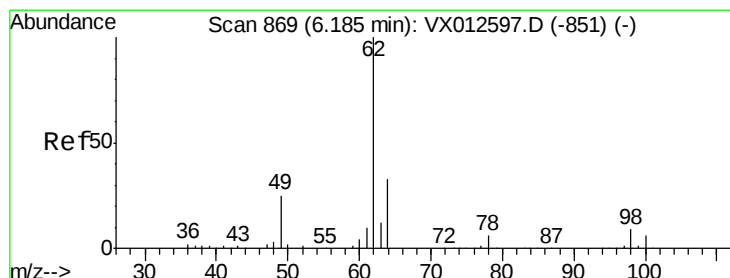
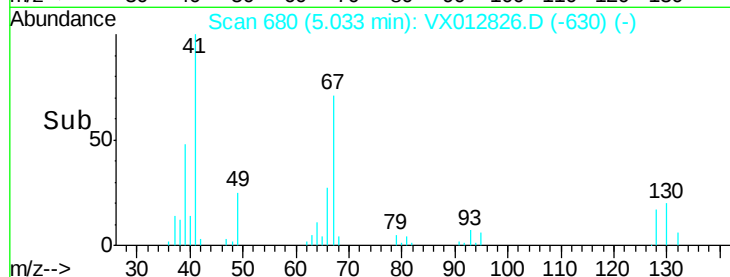
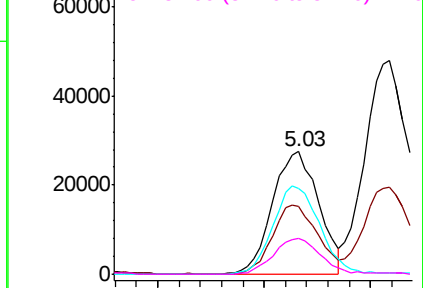


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.220 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012826.D

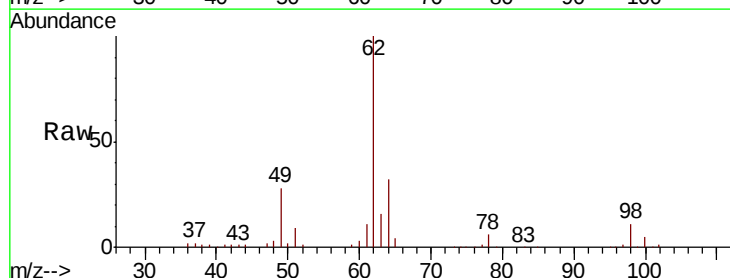
Acq: 04 Oct 2019 20:51

Tgt Ion: 62 Resp: 141765

Ion Ratio Lower Upper

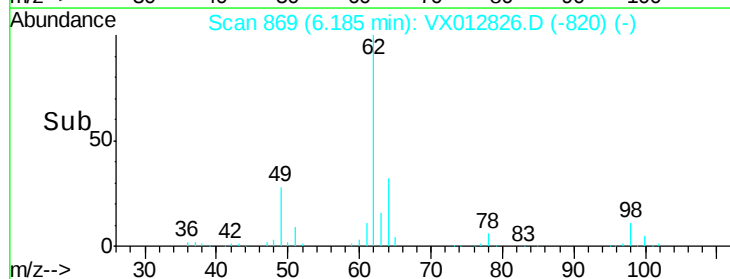
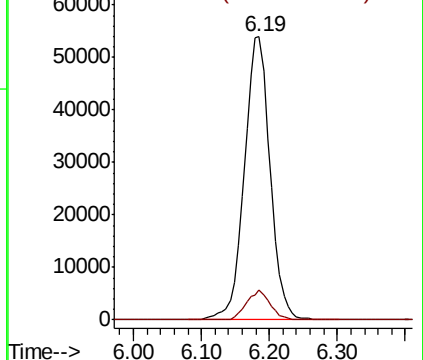
62 100

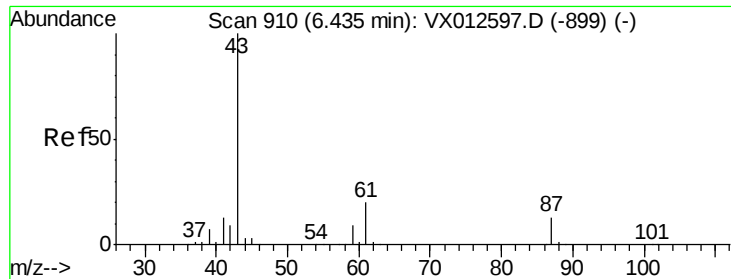
98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





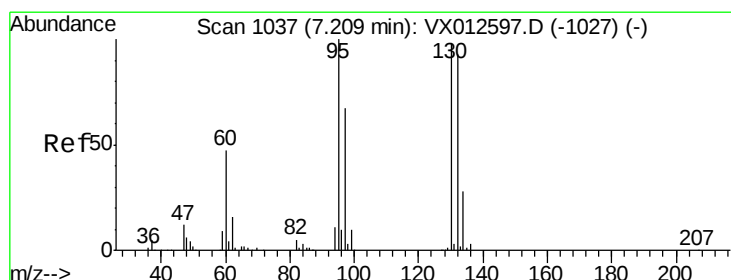
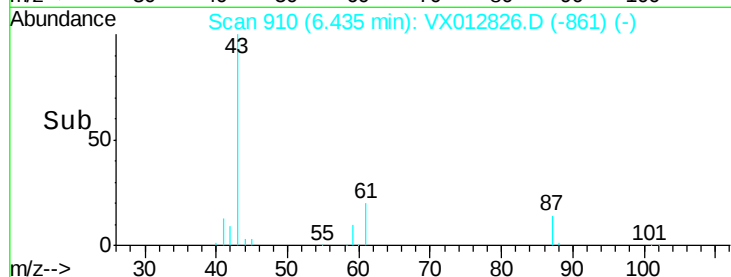
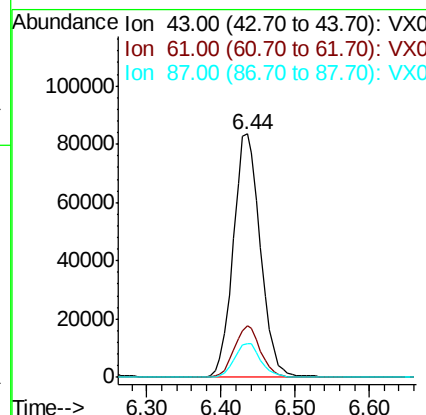
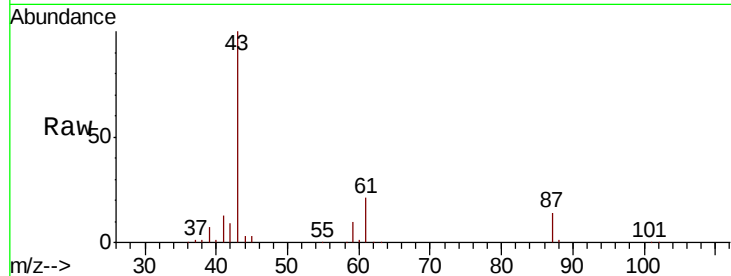
#43
Isopropyl Acetate
Concen: 40.310 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.4	23.0
87	13.7	9.8	14.8

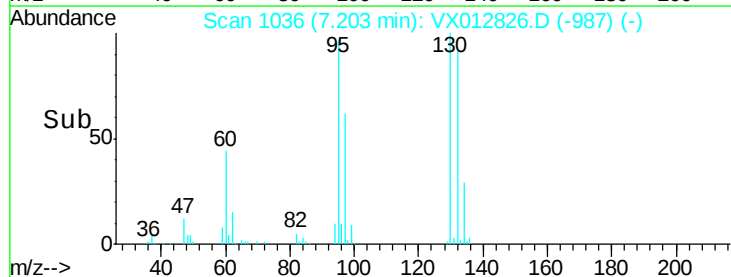
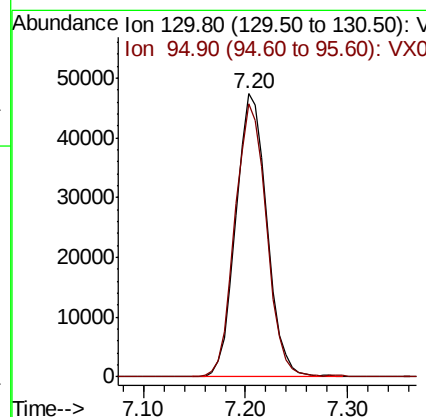
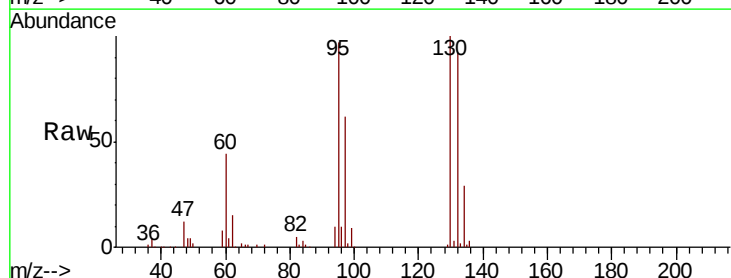
Manual Integrations
APPROVED

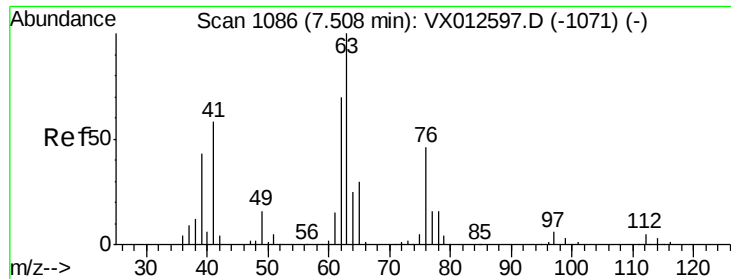
MMDadoda
10/7/2019 9:26:37 AM



#44
Trichloroethene
Concen: 49.565 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	193.0





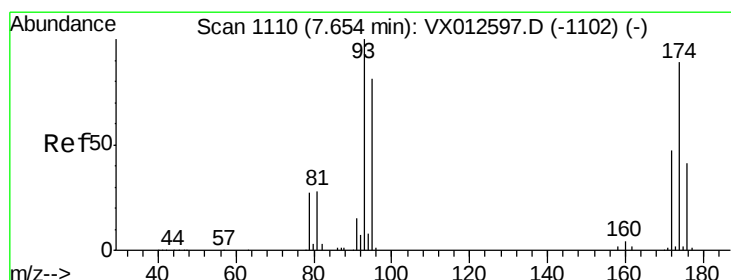
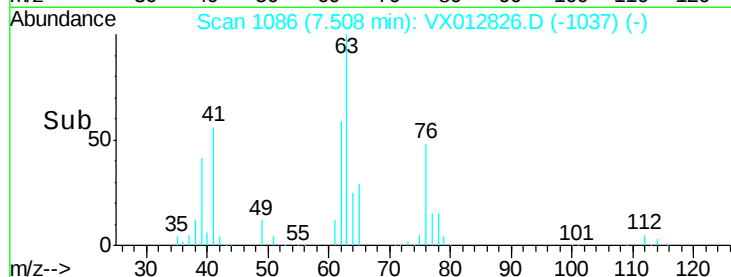
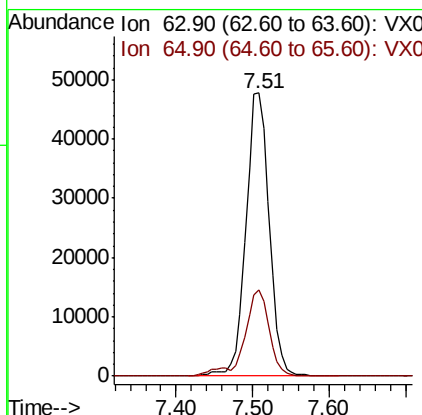
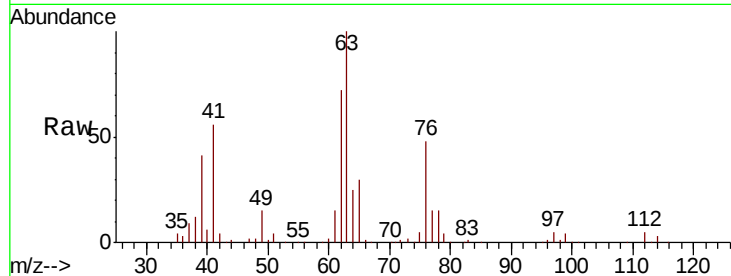
#45
 1,2-Dichloropropane
 Concen: 49.912 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tot Ion: 63 Resp: 101027
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6

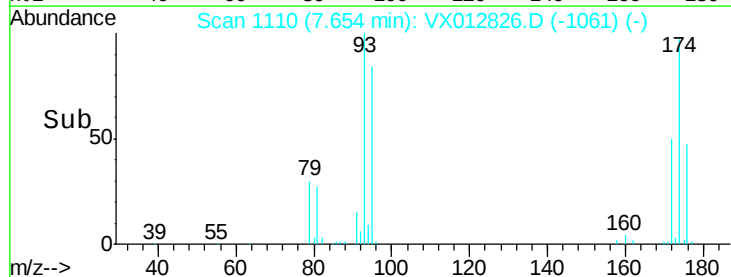
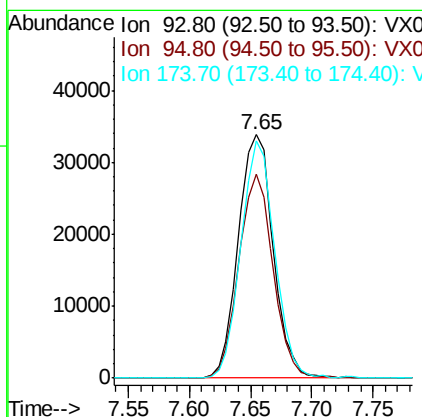
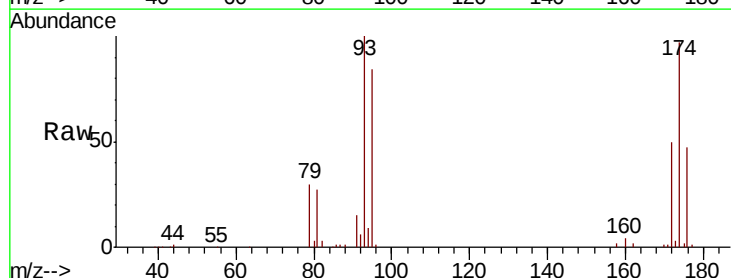
Manual Integrations
 APPROVED

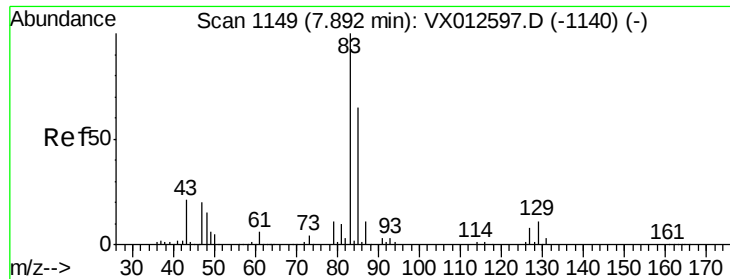
MMDadoda
 10/7/2019 9:26:37 AM



#46
 Dibromomethane
 Concen: 48.776 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 93 Resp: 67220
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 100.0
 174 94.4 77.4 116.0





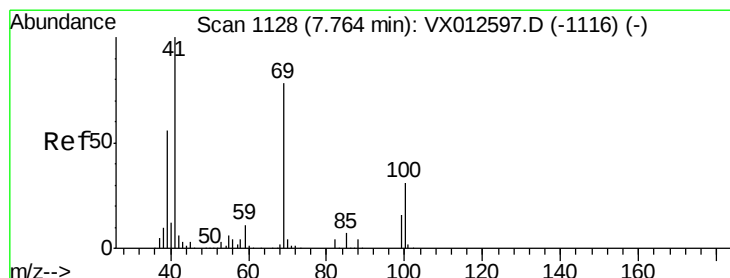
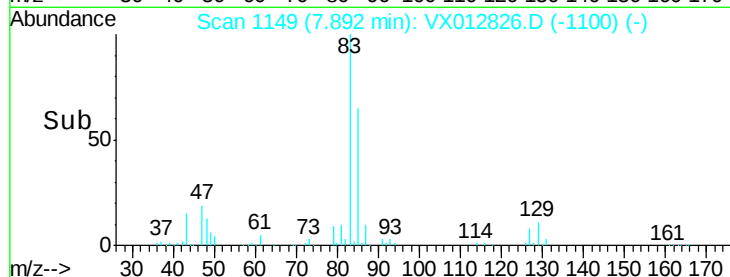
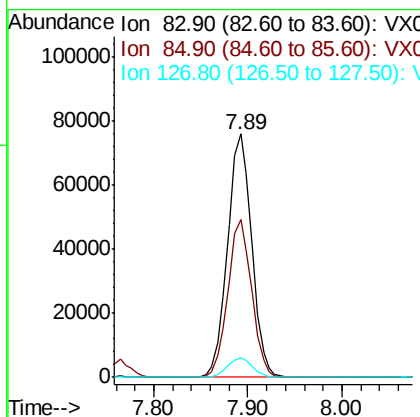
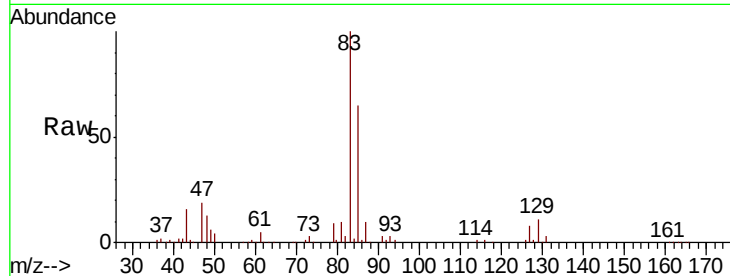
#47
Bromodichloromethane
Concen: 49.178 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	135452		
85	64.7	51.8	77.6	
127	7.8	7.3	10.9	

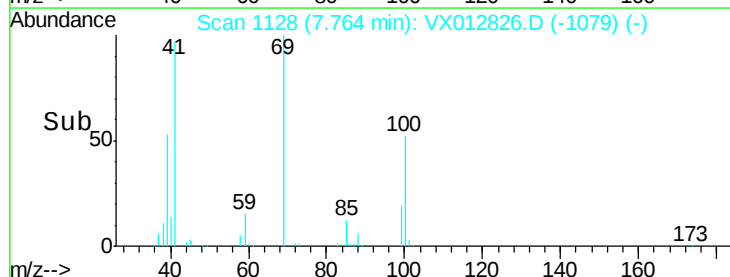
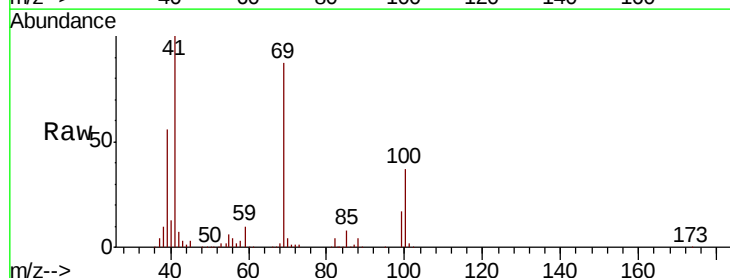
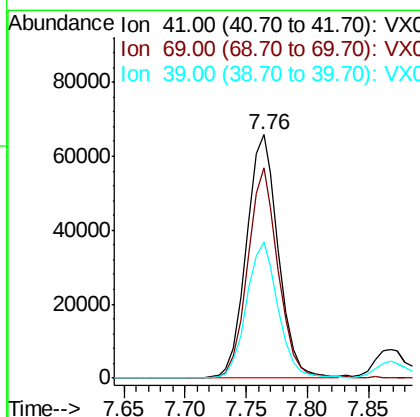
Manual Integrations
APPROVED

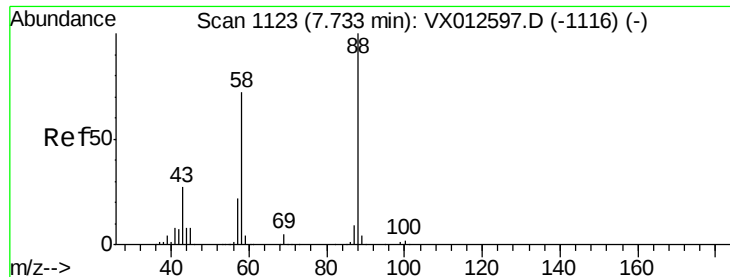
MMDadoda
10/7/2019 9:26:37 AM



#48
Methyl methacrylate
Concen: 47.155 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	118784		
69	83.6	59.9	89.9	
39	55.7	47.8	71.6	





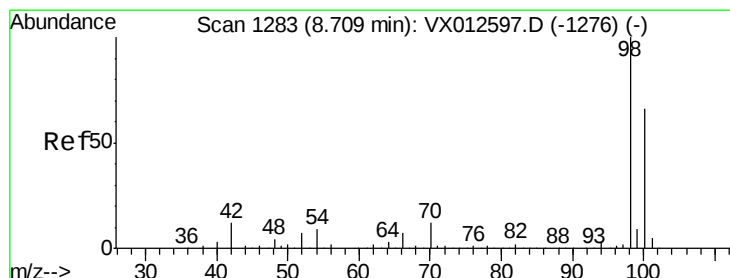
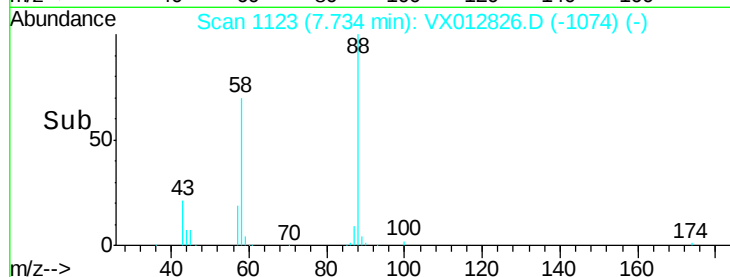
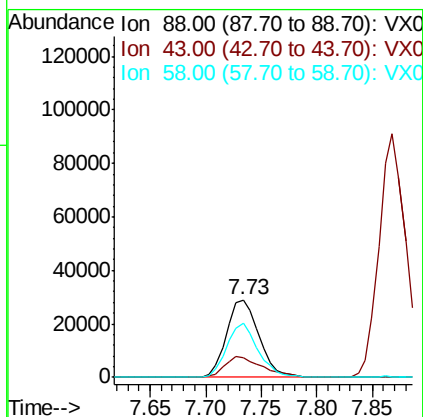
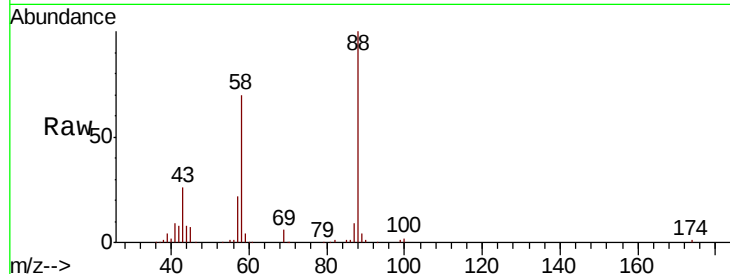
#49
1,4-Dioxane
Concen: 1025.047 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	29.4	44.0
58	68.1	57.5	86.3

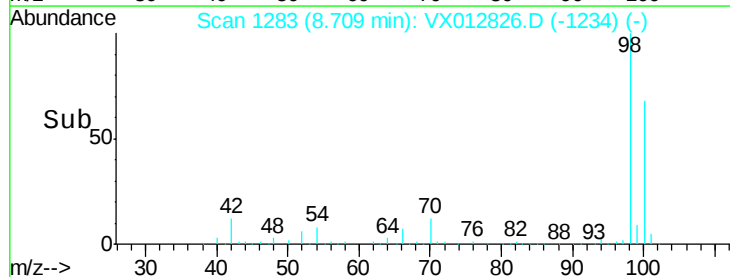
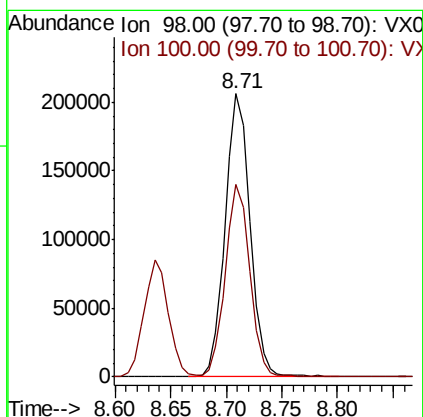
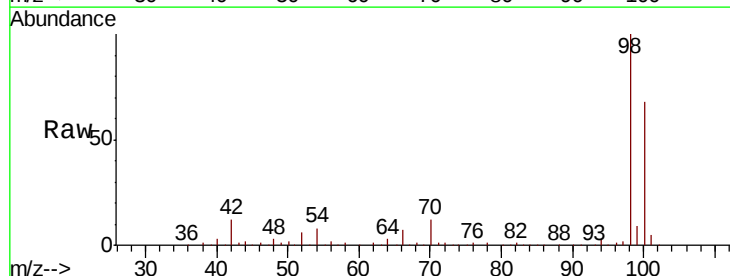
Manual Integrations
APPROVED

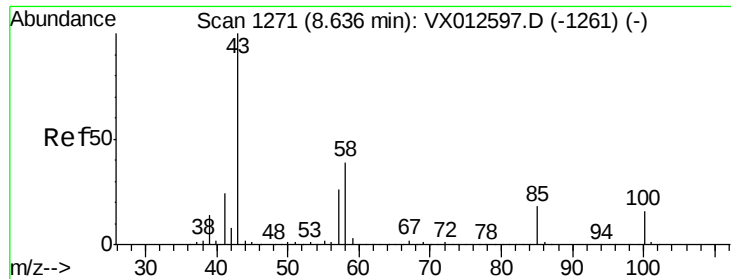
MMDadoda
10/7/2019 9:26:37 AM



#50
Toluene-d8
Concen: 50.028 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 238.468 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 43 Resp: 773314

Ion Ratio Lower Upper

43 100

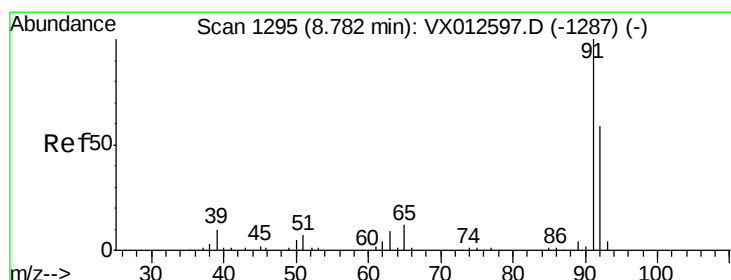
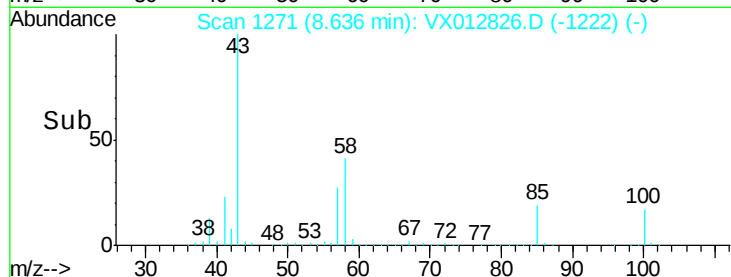
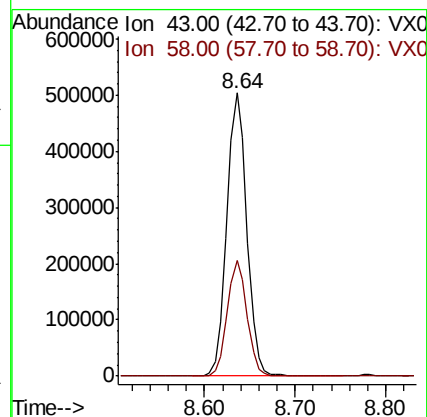
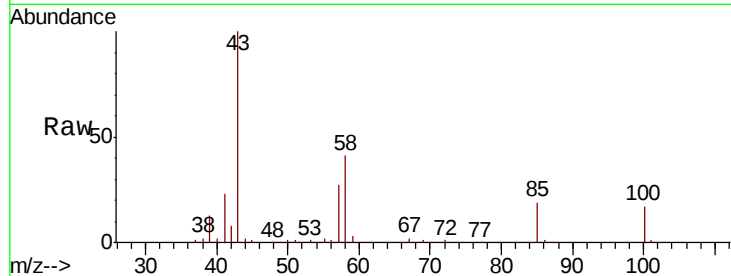
58 40.4 29.8 44.6

Manual Integrations

APPROVED

MMDadoda

10/7/2019 9:26:37 AM



#52

Toluene

Concen: 48.937 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012826.D

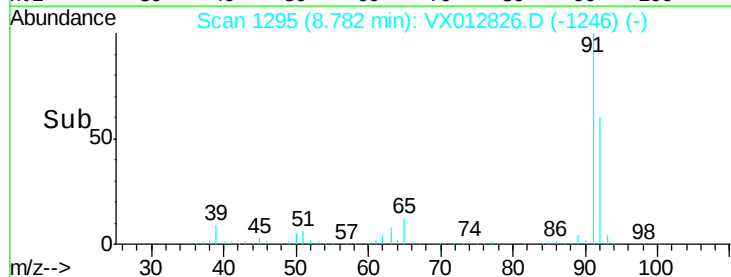
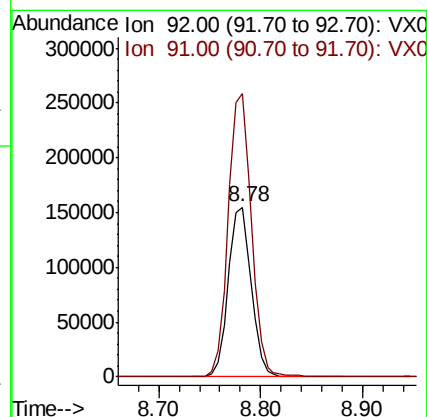
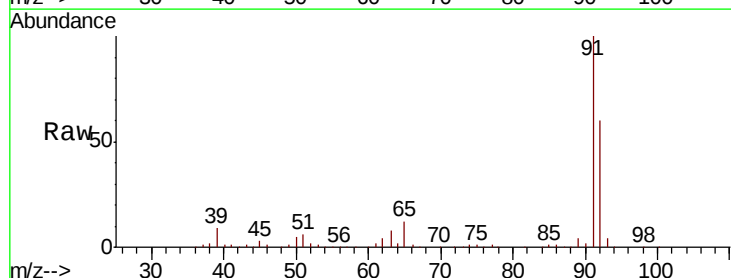
Acq: 04 Oct 2019 20:51

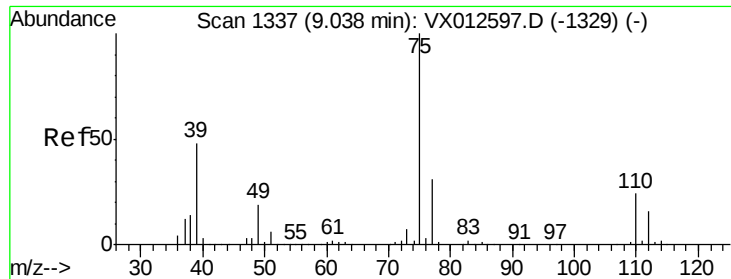
Tgt Ion: 92 Resp: 243167

Ion Ratio Lower Upper

92 100

91 168.2 135.4 203.0





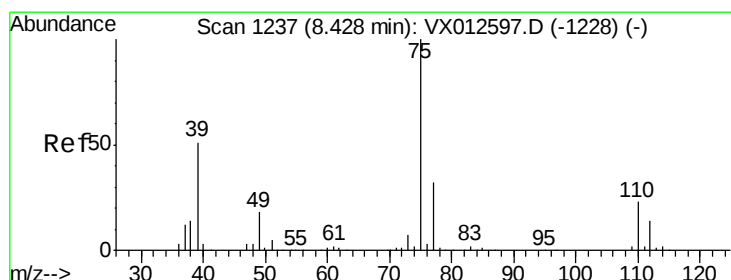
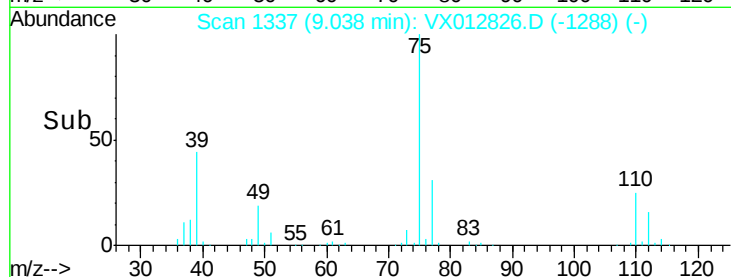
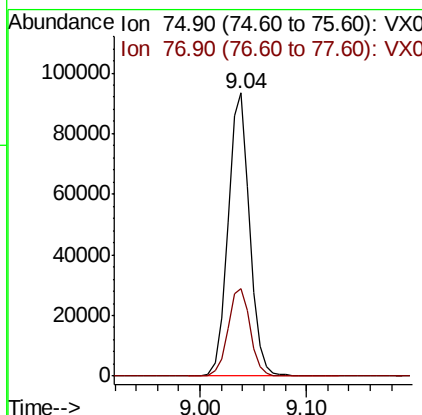
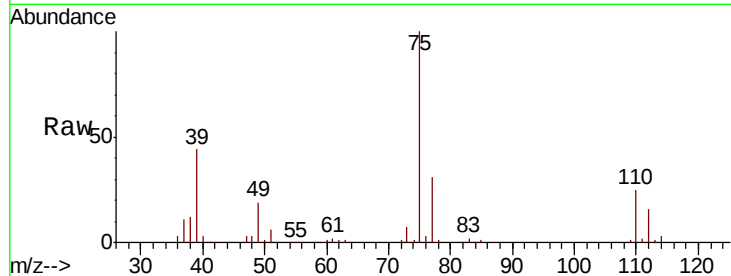
#53
t-1,3-Dichloropropene
Concen: 43.350 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion: 75 Resp: 132105
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8

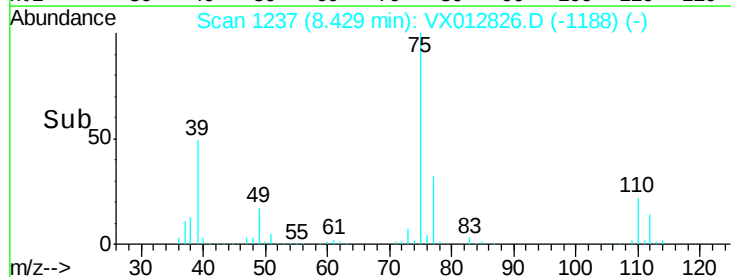
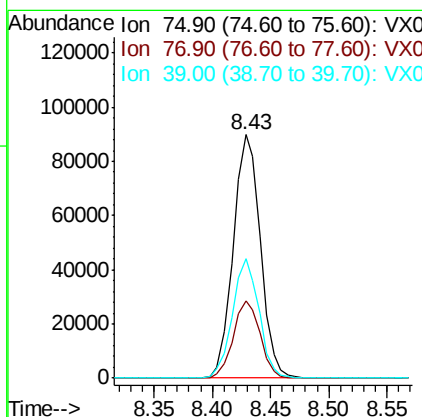
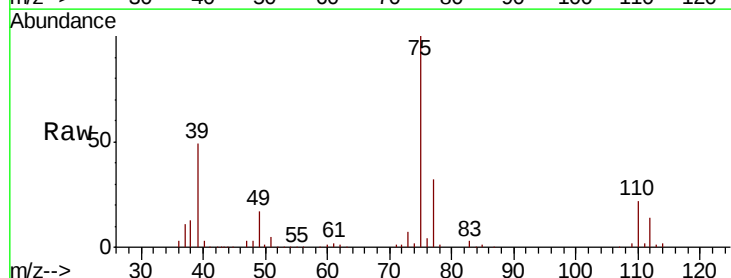
Manual Integrations
APPROVED

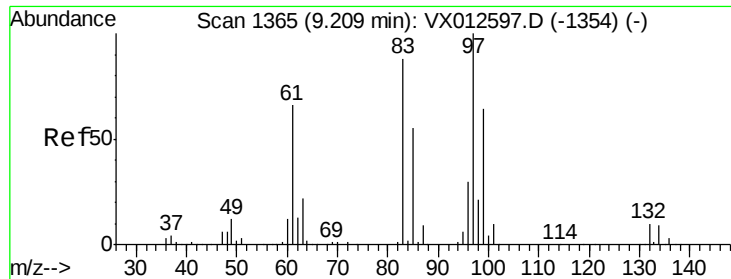
MMDadoda
10/7/2019 9:26:37 AM



#54
cis-1,3-Dichloropropene
Concen: 43.877 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 75 Resp: 145992
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
39 48.7 45.5 68.3





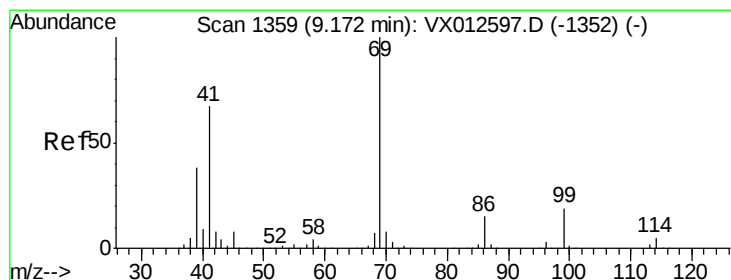
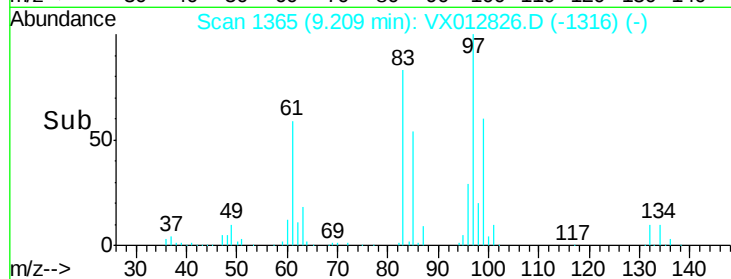
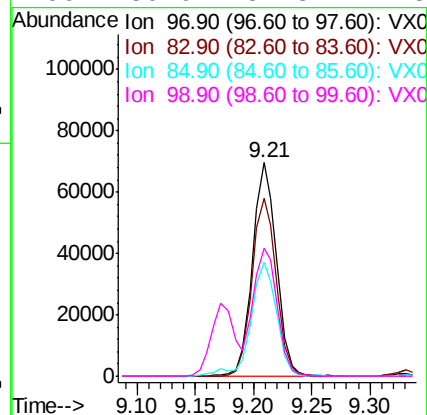
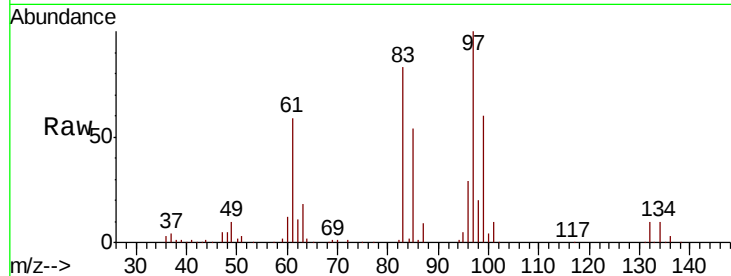
#55
 1,1,2-Trichloroethane
 Concen: 50.559 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tot Ion:	97	Resp:	99880
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.4	101.2
85	53.6	43.5	65.3
99	59.9	51.8	77.8

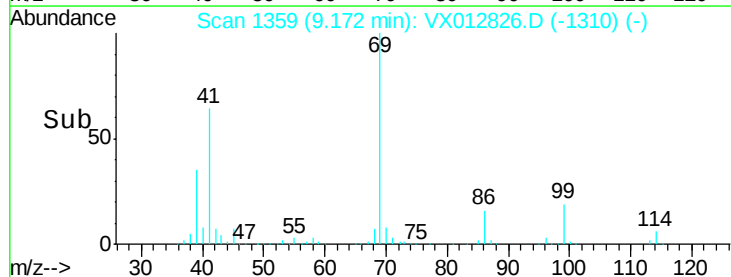
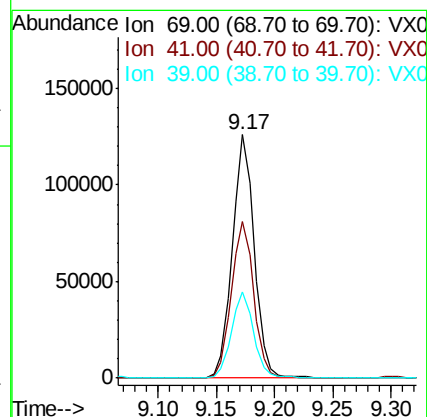
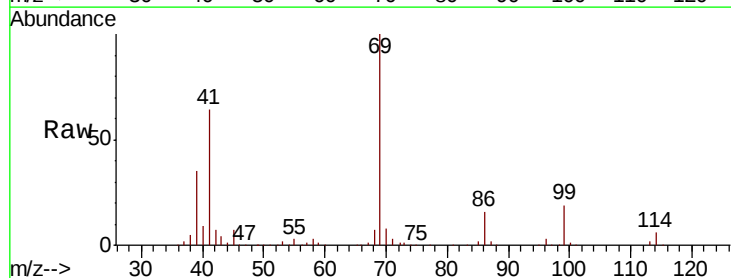
Manual Integrations
 APPROVED

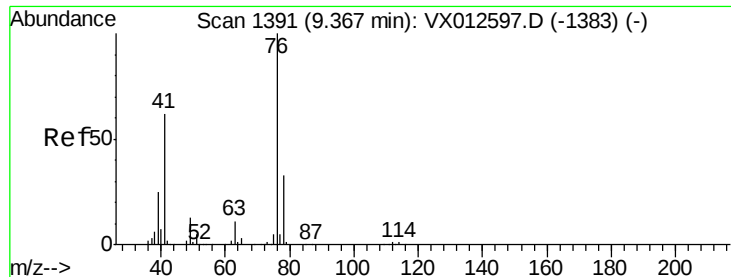
MMDadoda
 10/7/2019 9:26:37 AM



#56
 Ethyl methacrylate
 Concen: 49.877 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion:	69	Resp:	165534
Ion	Ratio	Lower	Upper
69	100		
41	65.4	58.4	87.6
39	35.5	33.4	50.0





#57

1,3-Dichloropropane

Concen: 49.374 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 76 Resp: 170710

Ion Ratio Lower Upper

76 100

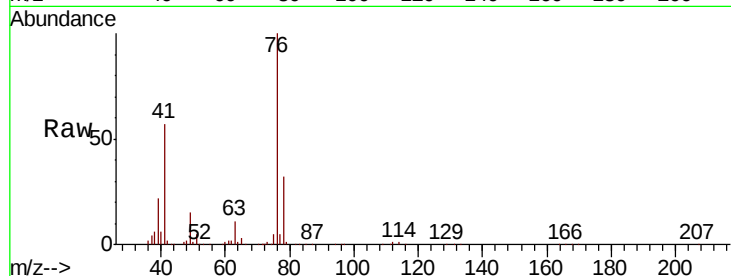
78 32.5 26.2 39.2

Manual Integrations

APPROVED

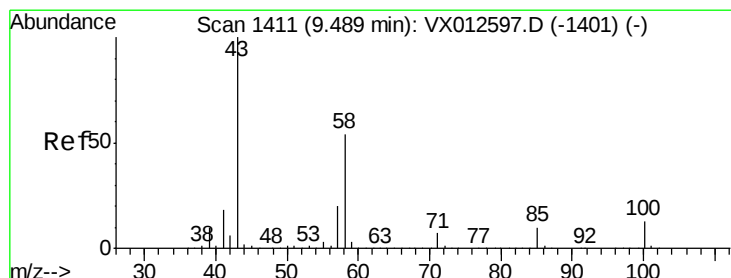
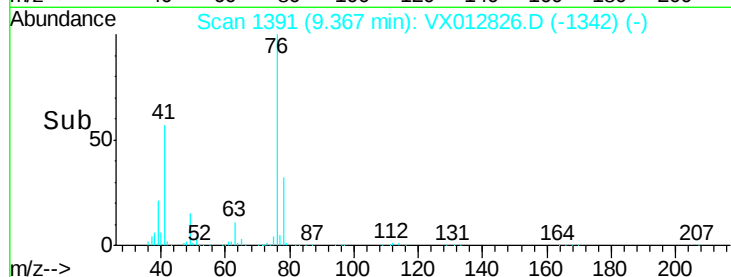
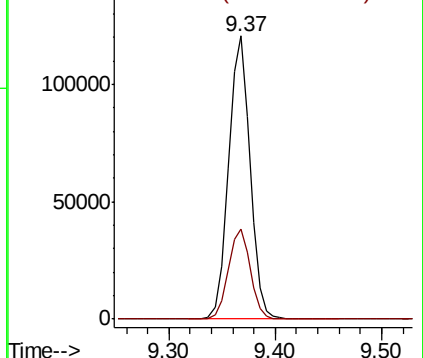
MMDadoda

10/7/2019 9:26:37 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 240.491 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012826.D

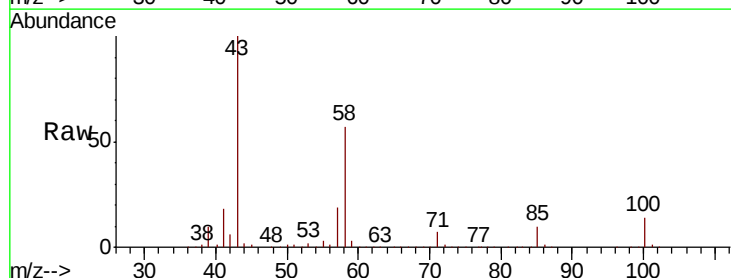
Acq: 04 Oct 2019 20:51

Tgt Ion: 43 Resp: 596945

Ion Ratio Lower Upper

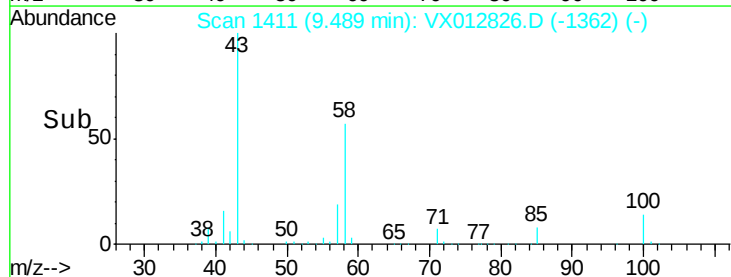
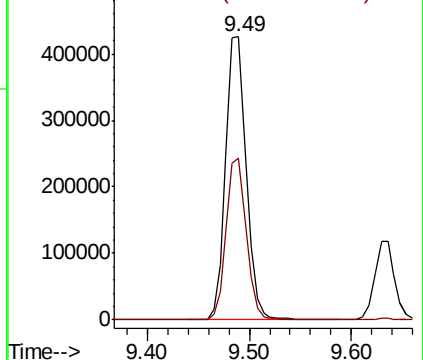
43 100

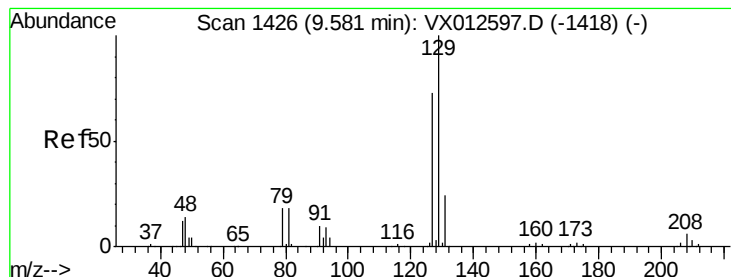
58 56.0 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.382 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:129 Resp: 104754

Ion Ratio Lower Upper

129 100

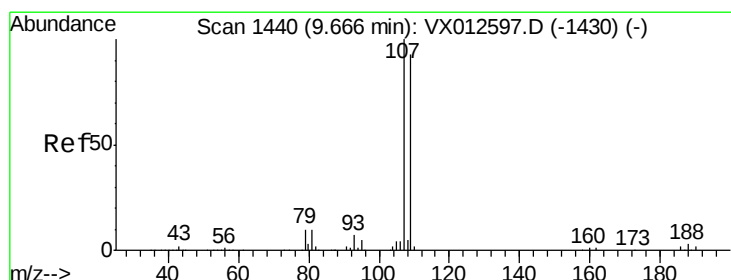
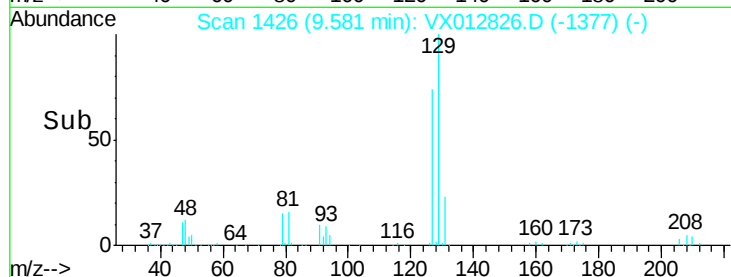
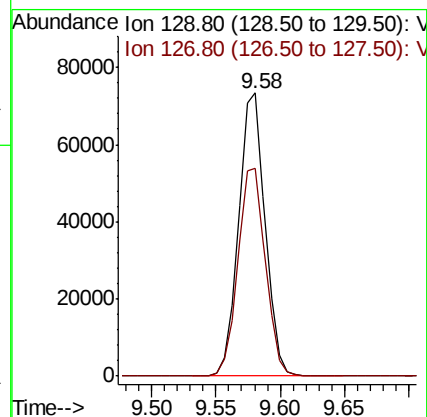
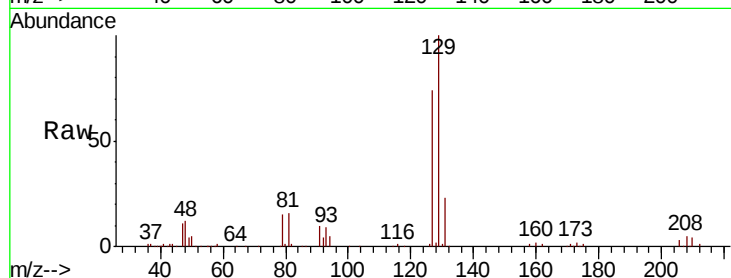
127 76.5 38.9 116.6

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#61

1,2-Dibromoethane

Concen: 49.789 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012826.D

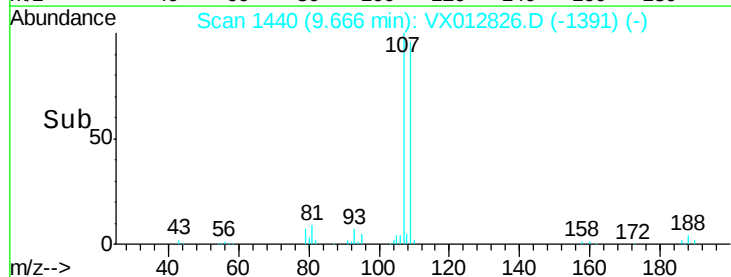
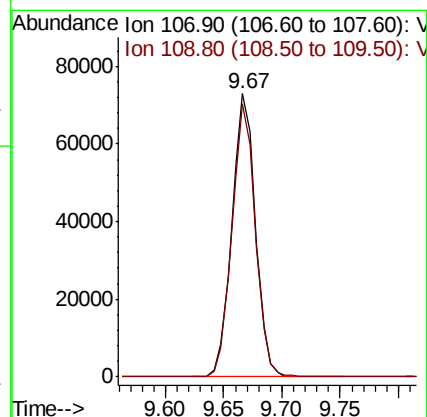
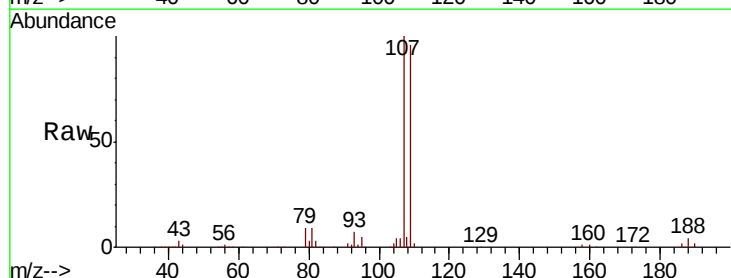
Acq: 04 Oct 2019 20:51

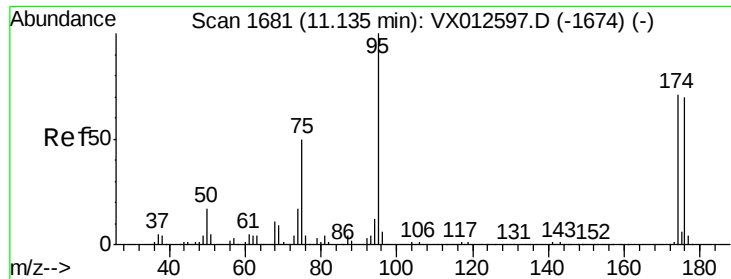
Tgt Ion:107 Resp: 102364

Ion Ratio Lower Upper

107 100

109 95.8 74.7 112.1





#62

4-Bromofluorobenzene

Concen: 49.112 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

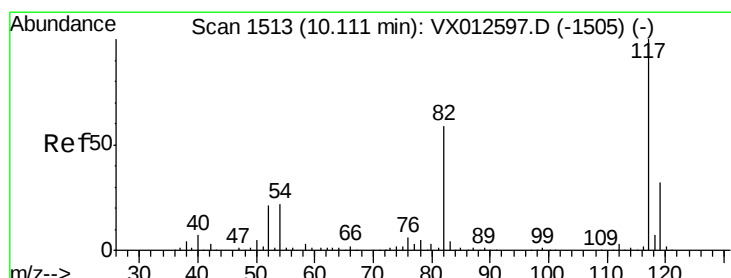
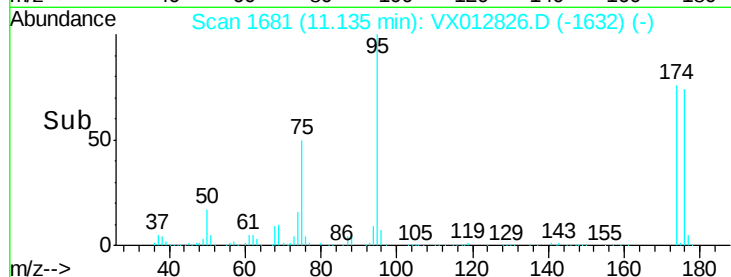
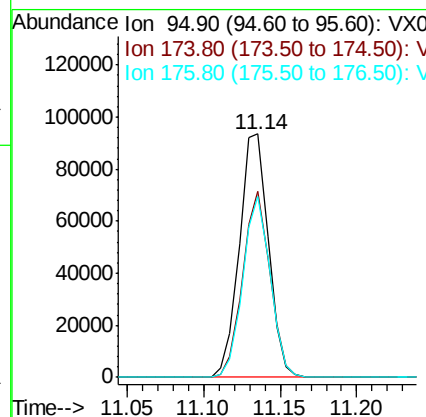
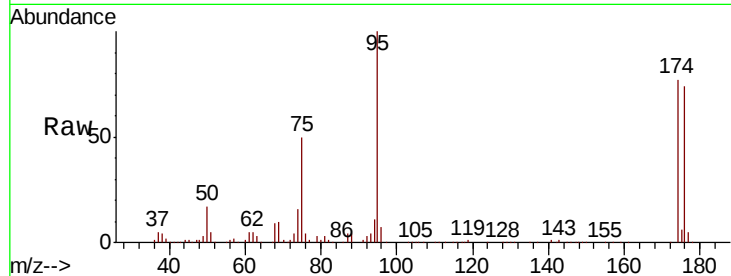
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	95	Resp:	123463
Ion Ratio	Lower	Upper	
95	100		
174	71.7	0.0	140.0
176	69.8	0.0	135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

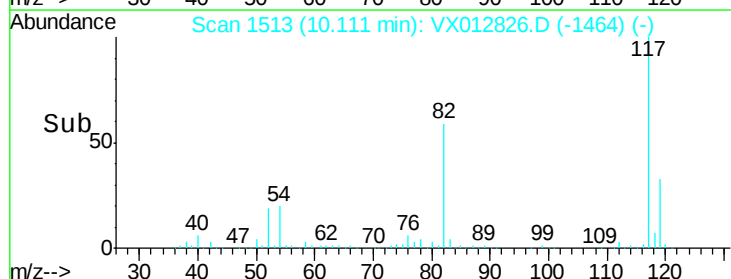
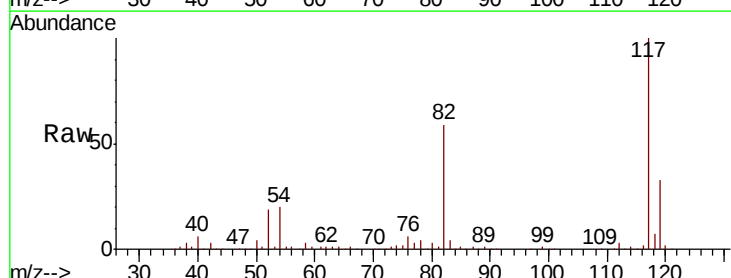
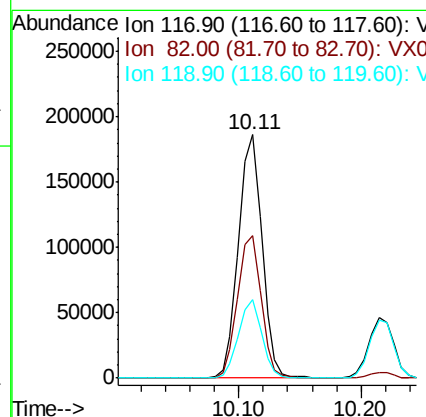
RT: 10.11 min Scan# 1513

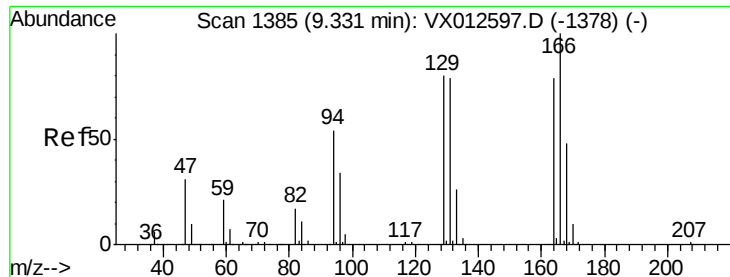
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	117	Resp:	248717
Ion Ratio	Lower	Upper	
117	100		
82	58.6	45.9	68.9
119	32.5	25.3	37.9





#64

Tetrachloroethene

Concen: 49.213 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:164 Resp: 85341

Ion Ratio Lower Upper

164 100

166 131.4 107.8 161.6

129 100.7 86.2 129.2

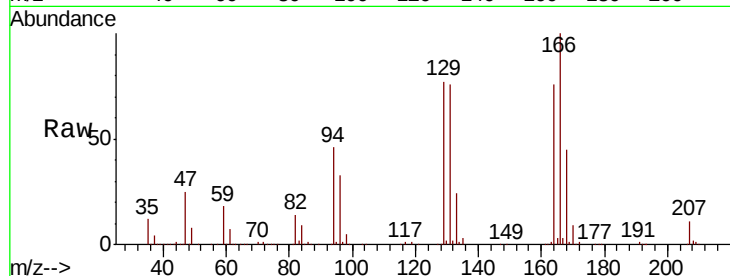
131 99.5 80.4 120.6

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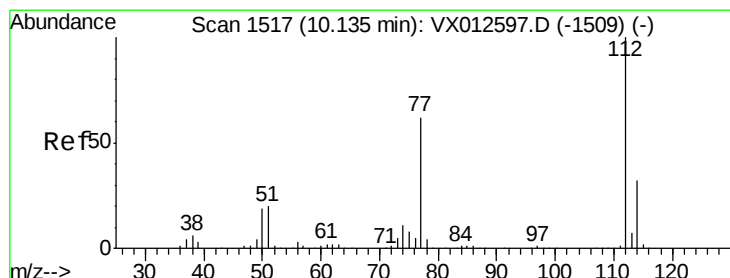
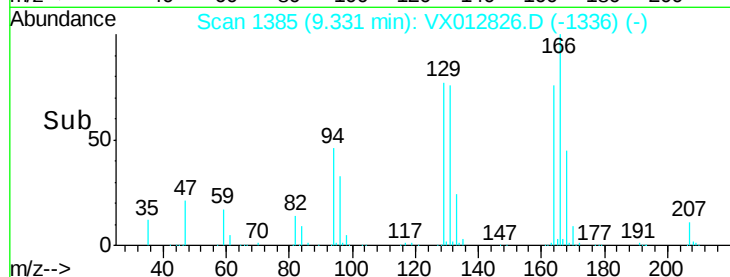
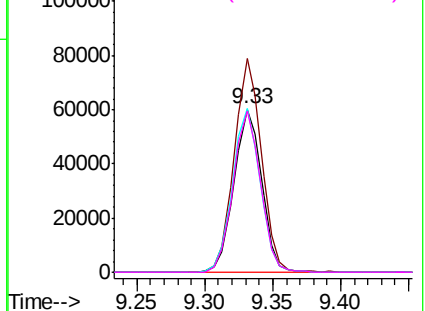


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.889 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012826.D

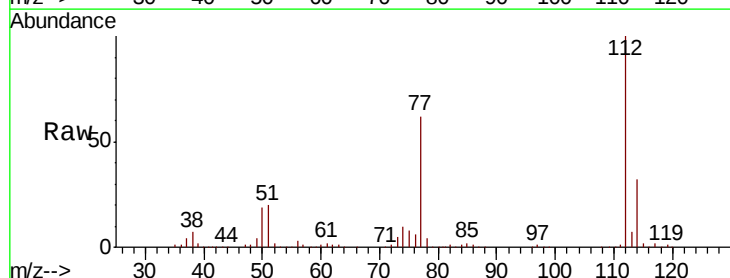
Acq: 04 Oct 2019 20:51

Tgt Ion:112 Resp: 256053

Ion Ratio Lower Upper

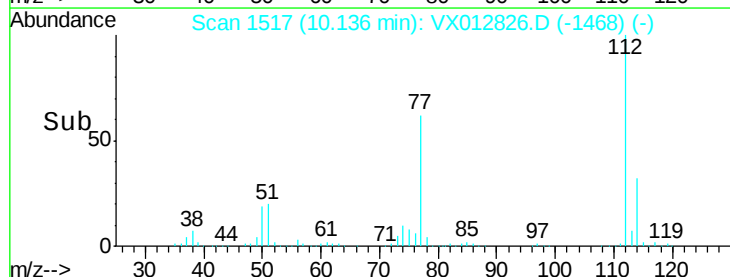
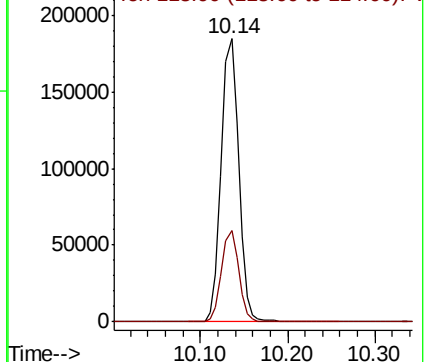
112 100

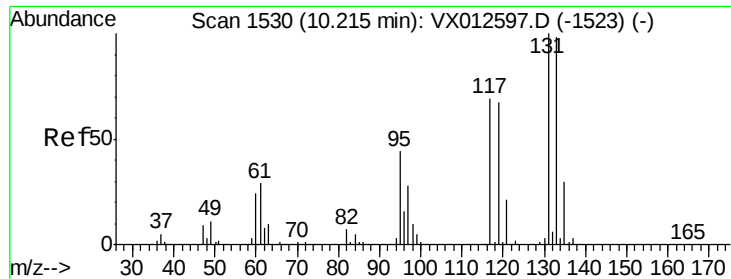
114 32.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





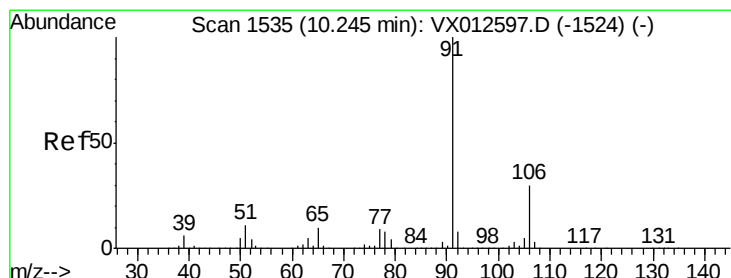
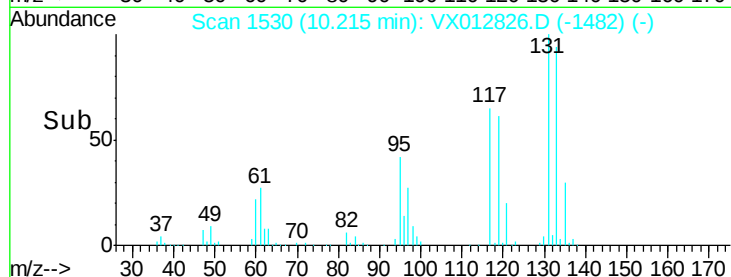
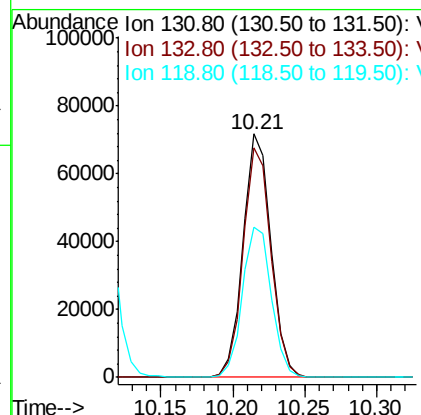
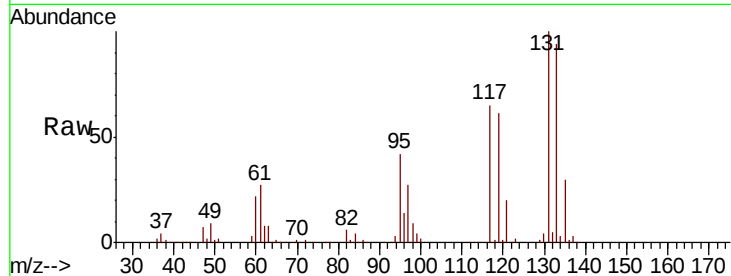
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.764 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.6	142.9
119	63.8	31.3	93.8

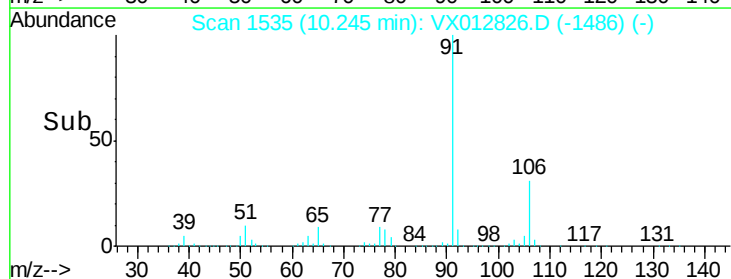
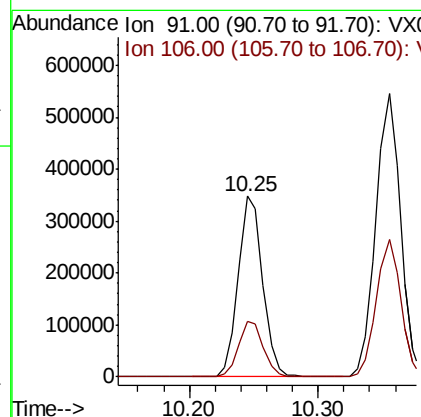
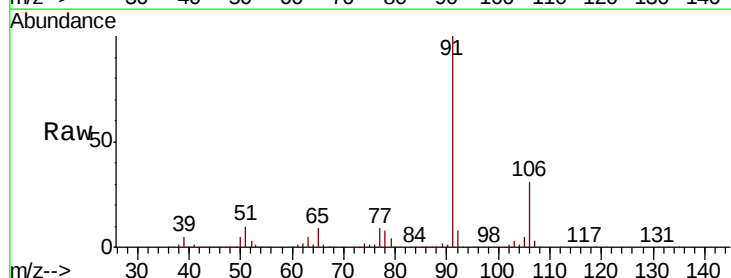
Manual Integrations
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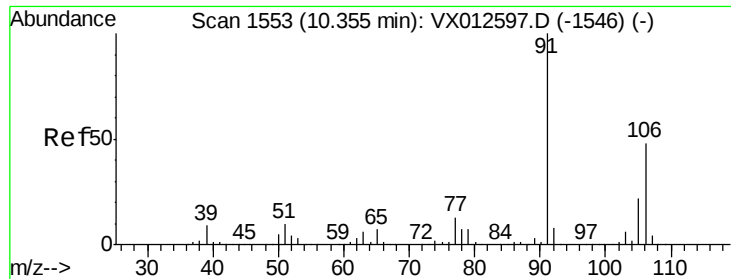
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 10/7/2019 9:26:37 AM



#67
 Ethyl Benzene
 Concen: 48.781 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.6	37.0





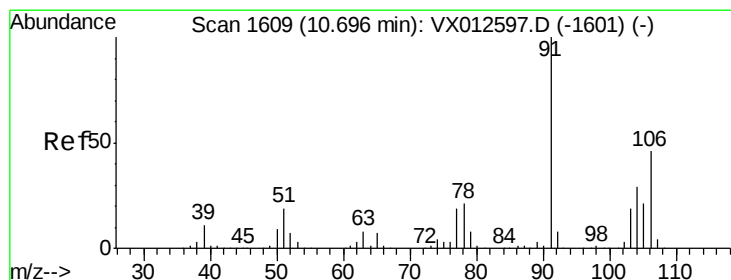
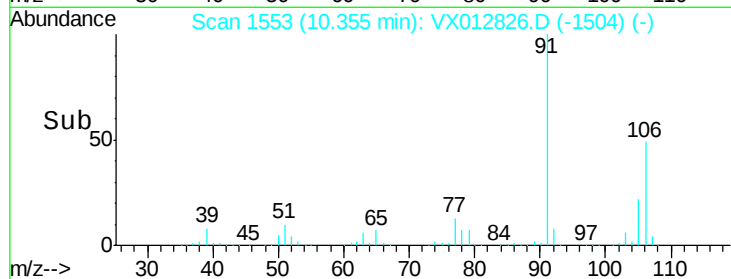
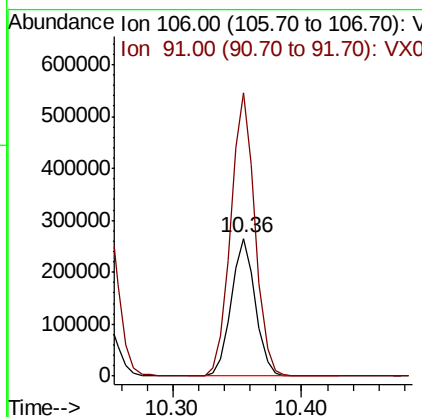
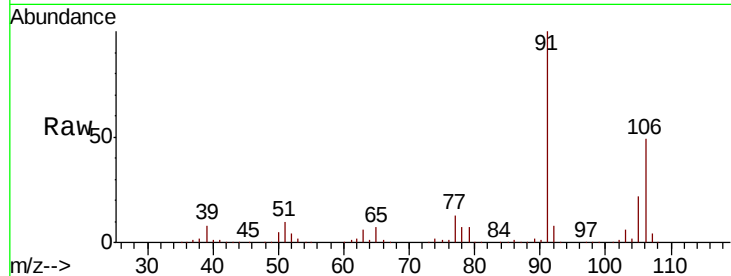
#68
m/p-Xylenes
Concen: 97.264 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion:106 Resp: 346114
Ion Ratio Lower Upper
106 100
91 207.3 166.6 250.0

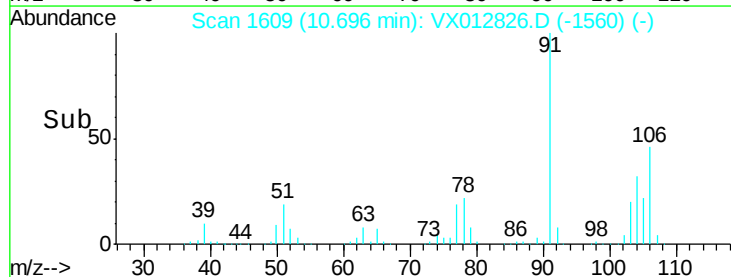
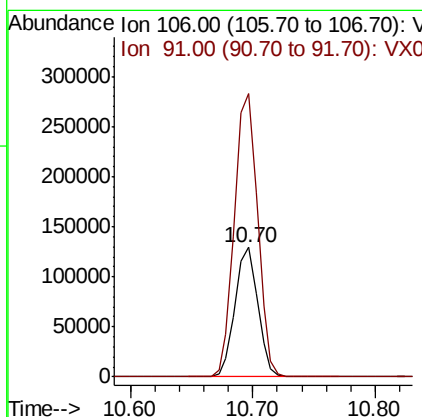
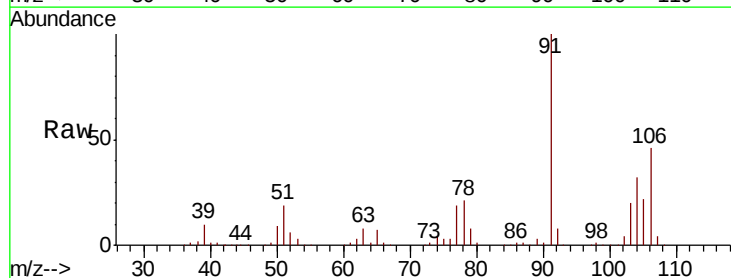
Manual Integrations
APPROVED

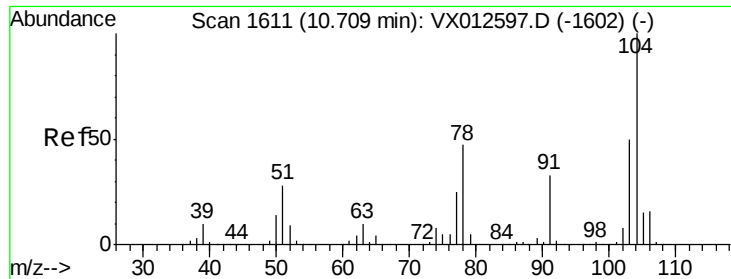
MMDadoda
10/7/2019 9:26:37 AM



#69
o-Xylene
Concen: 48.353 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion:106 Resp: 166491
Ion Ratio Lower Upper
106 100
91 223.2 109.4 328.2





#70

Stvrene

Concen: 50.640 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

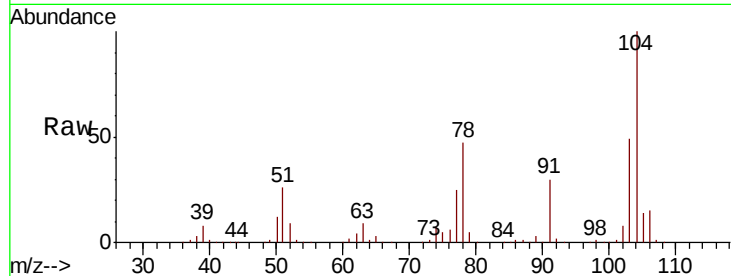
ClientSampleId :

SA-MW127D-20190930MSD

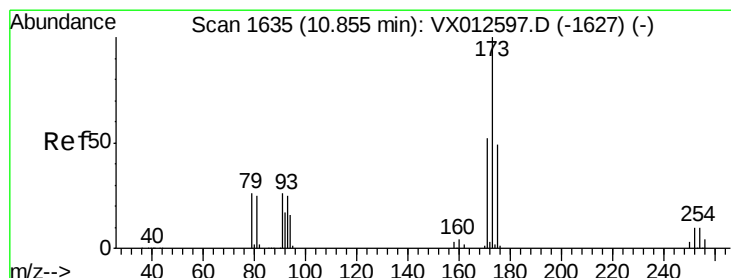
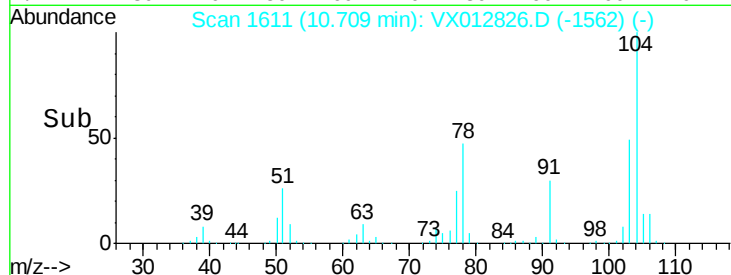
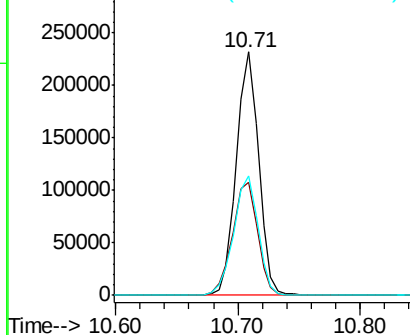
Tot Ion:	104	Resp:	292315
Ion Ratio	Lower	Upper	
104	100		
78	52.6	43.4	65.2
103	53.7	43.3	64.9

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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: 54.041 ug/l

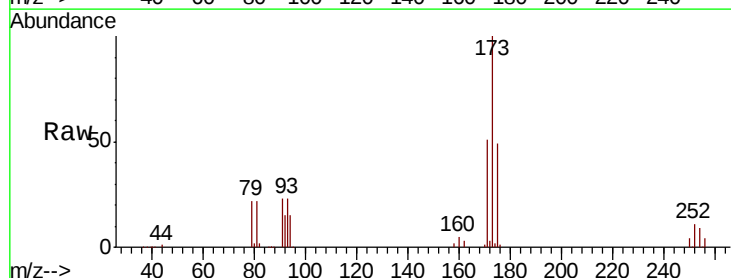
RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

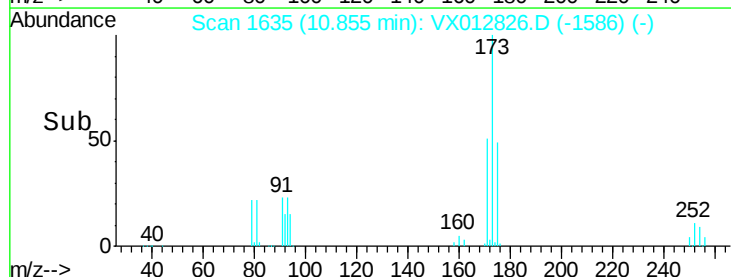
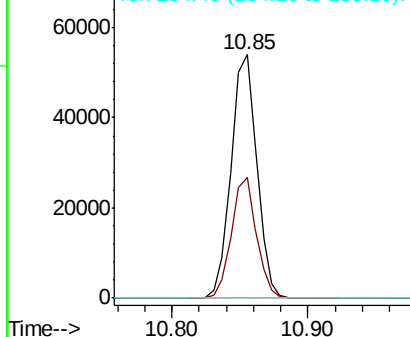
Lab File: VX012826.D

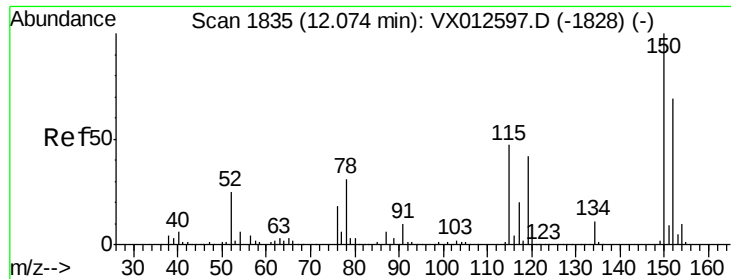
Acq: 04 Oct 2019 20:51

Tgt Ion:	173	Resp:	71407
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.7	71.1
254	0.1	0.1	0.1



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: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

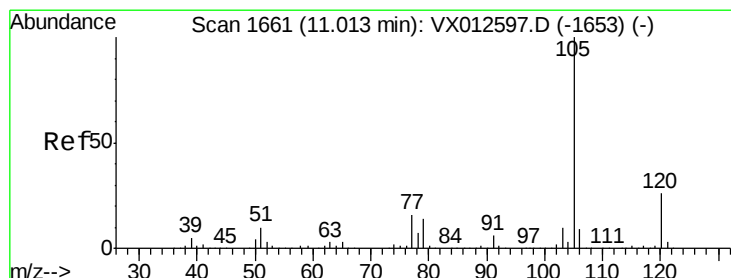
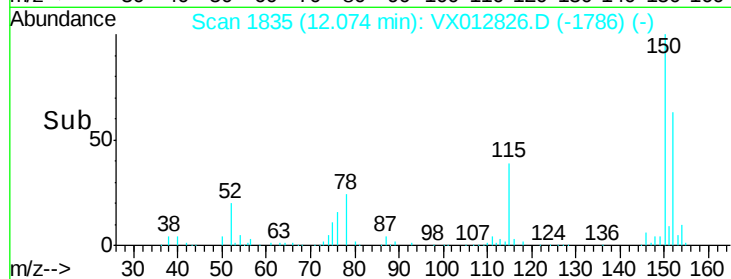
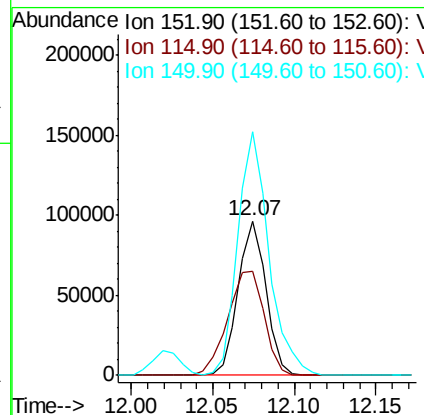
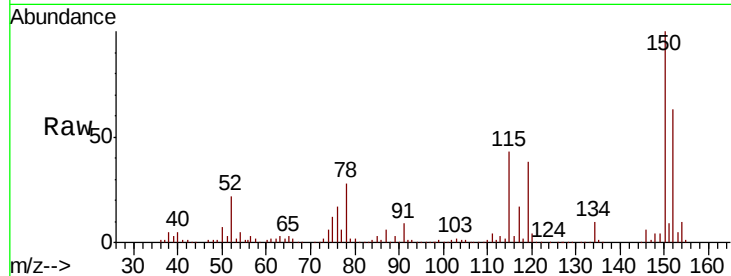
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	152	Resp:	114612
Ion Ratio	Lower	Upper	
152	100		
115	88.8	44.1	132.3
150	176.0	0.0	343.8

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#73

Isopropylbenzene

Concen: 48.819 ug/l

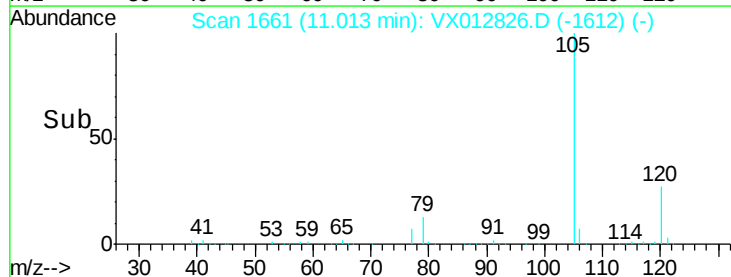
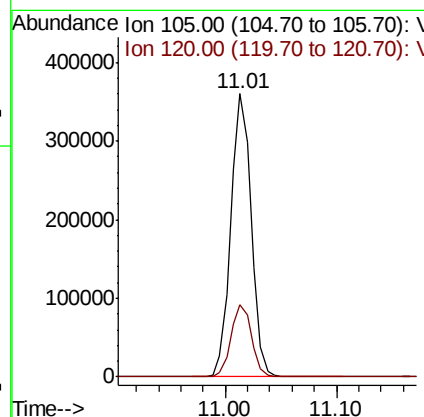
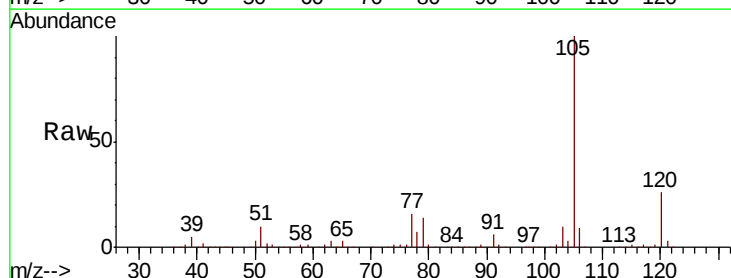
RT: 11.01 min Scan# 1661

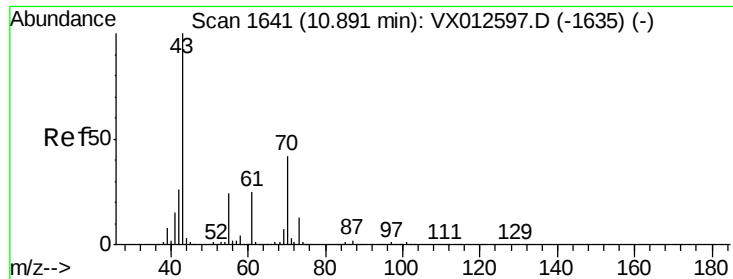
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	105	Resp:	455717
Ion Ratio	Lower	Upper	
105	100		
120	25.8	12.9	38.7





#74

N-amvl acetate

Concen: 36.520 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

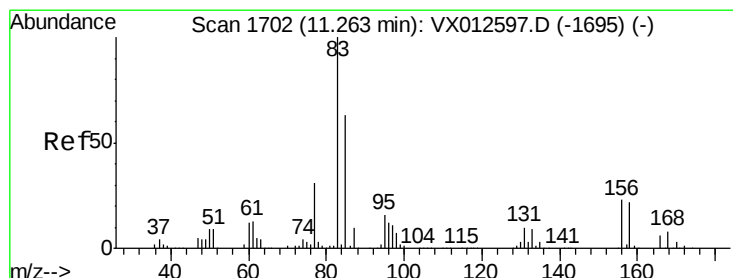
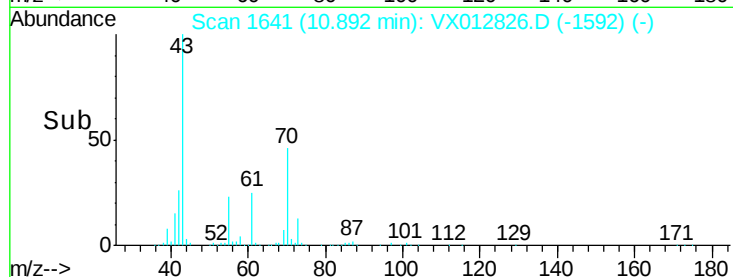
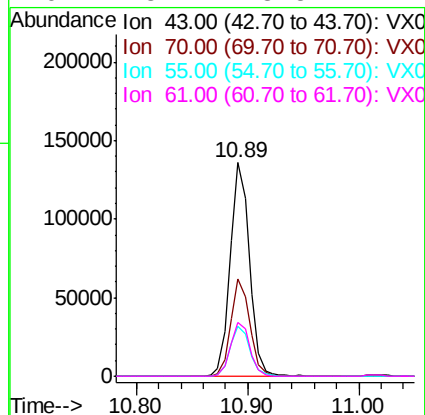
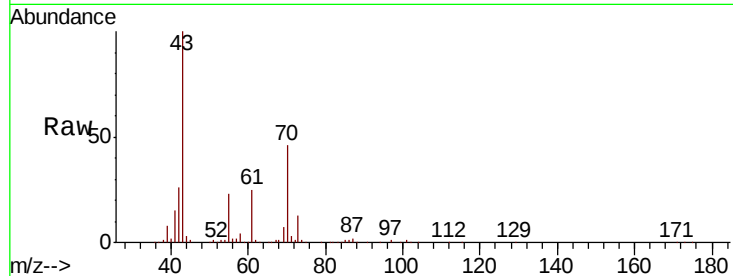
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	45.1	32.4	48.6		
55	24.1	18.2	27.4		
61	25.4	18.5	27.7		

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.198 ug/l

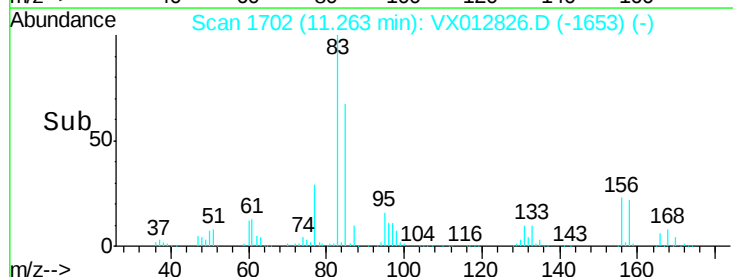
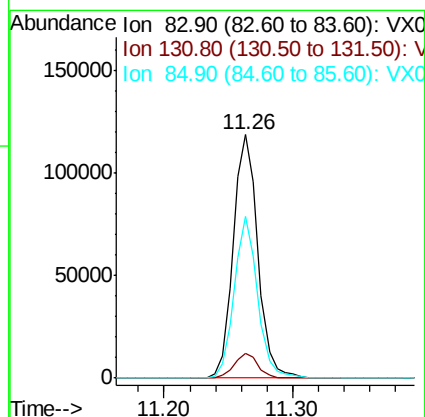
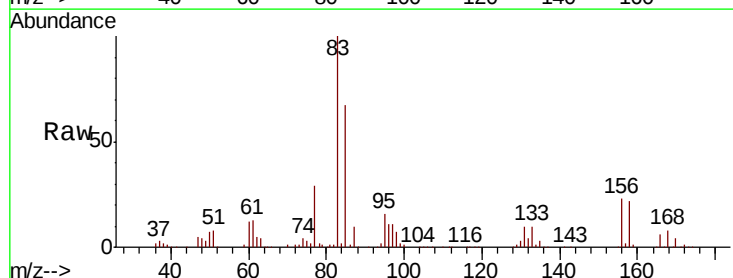
RT: 11.26 min Scan# 1702

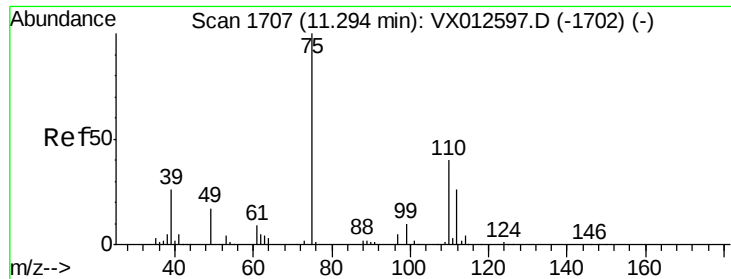
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	9.9	5.2	15.6		
85	63.3	32.0	96.0		





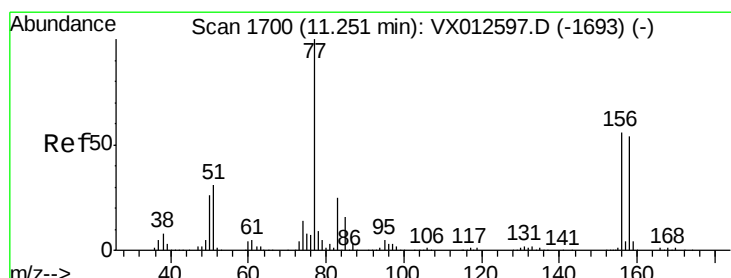
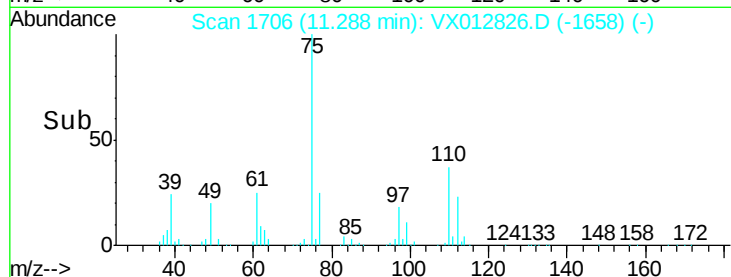
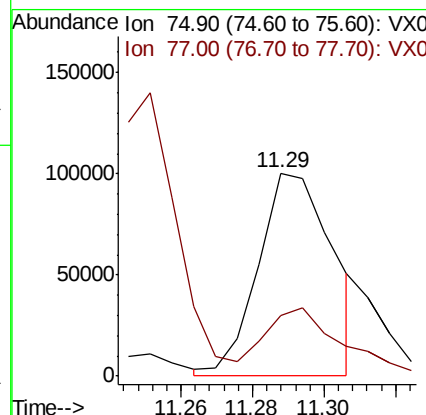
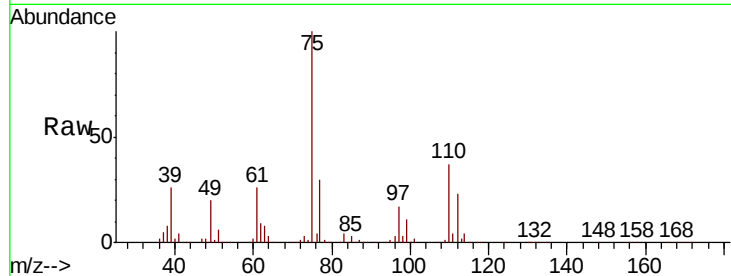
#76
1,2,3-Trichloropropane
Concen: 48.137 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion: 75 Resp: 145939
Ion Ratio Lower Upper
75 100
77 35.0 19.7 59.0

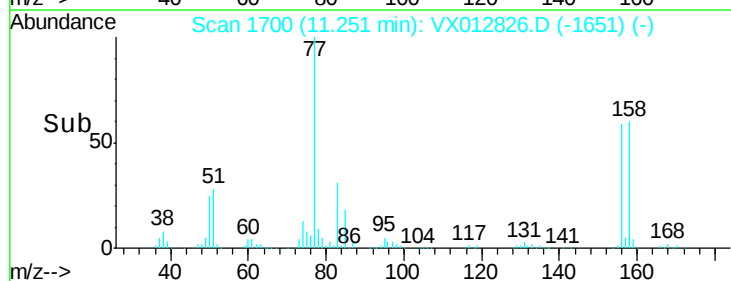
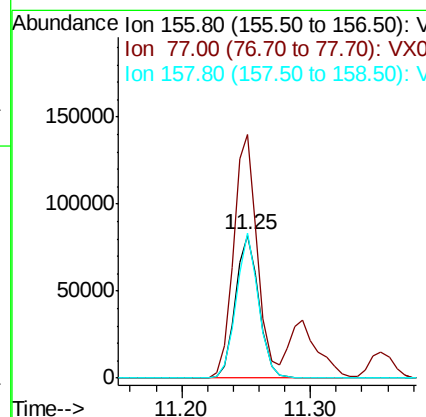
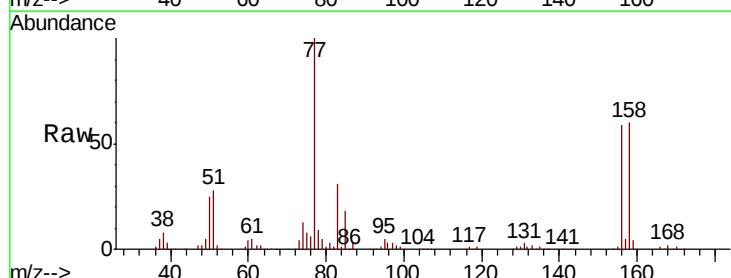
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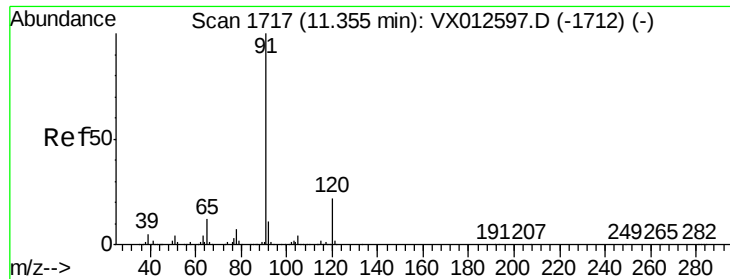
MMDadoda
10/7/2019 9:26:37 AM



#77
Bromobenzene
Concen: 49.415 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 156 Resp: 104400
Ion Ratio Lower Upper
156 100
77 172.3 87.3 261.8
158 96.5 48.5 145.6





#78

n-propylbenzene

Concen: 47.245 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 91 Resp: 496513

Ion Ratio Lower Upper

91 100

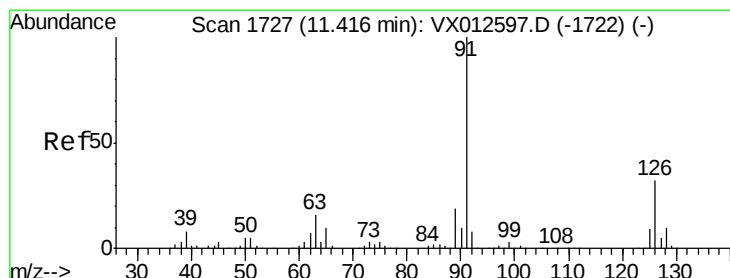
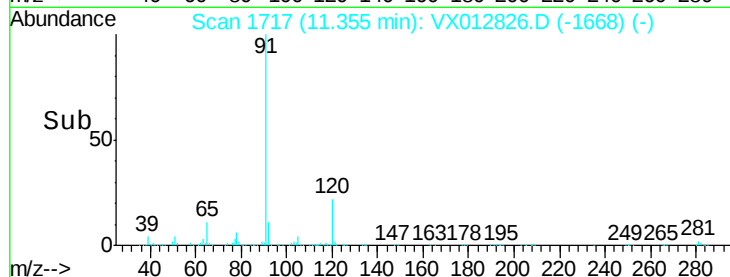
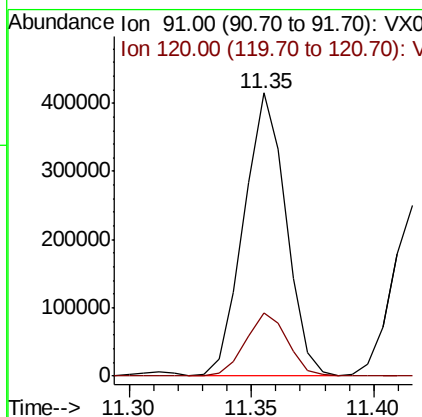
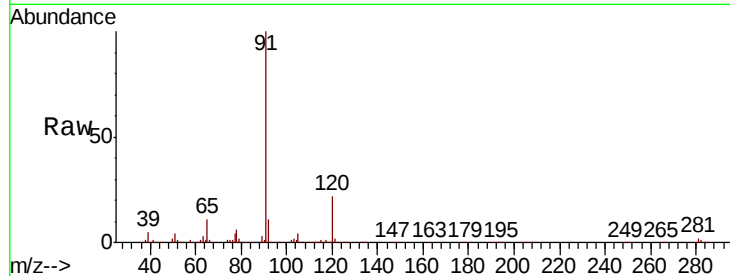
120 22.4 11.3 33.8

Manual Integrations

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#79

2-Chlorotoluene

Concen: 47.530 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012826.D

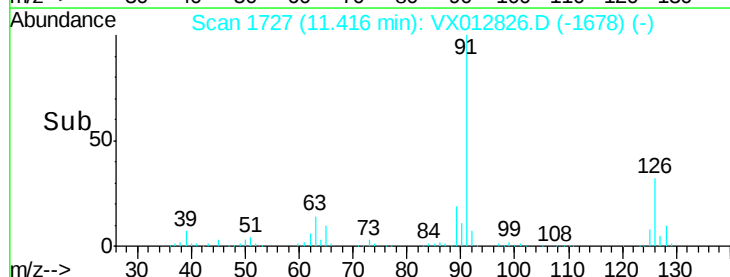
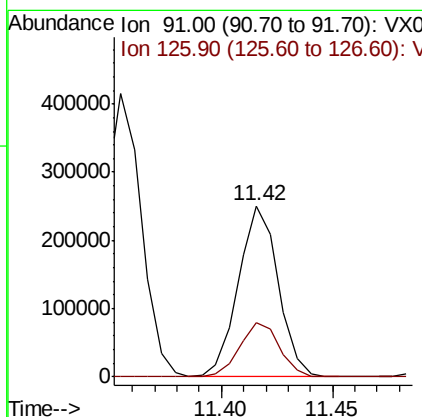
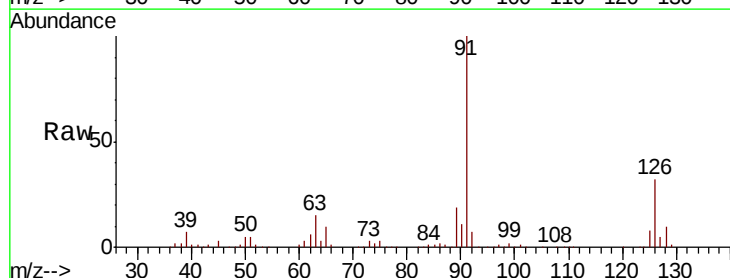
Acq: 04 Oct 2019 20:51

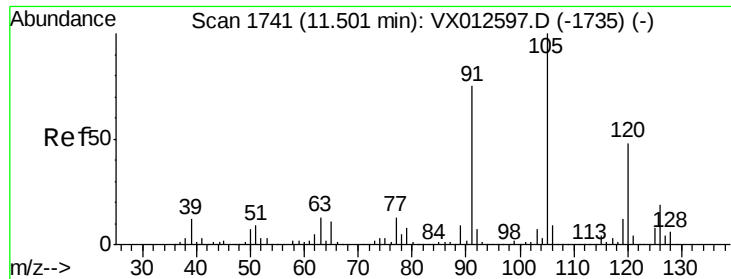
Tgt Ion: 91 Resp: 311604

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.4





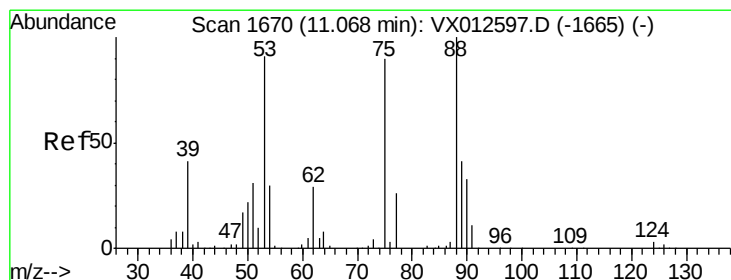
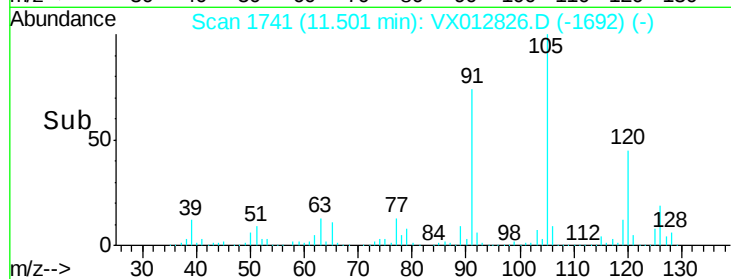
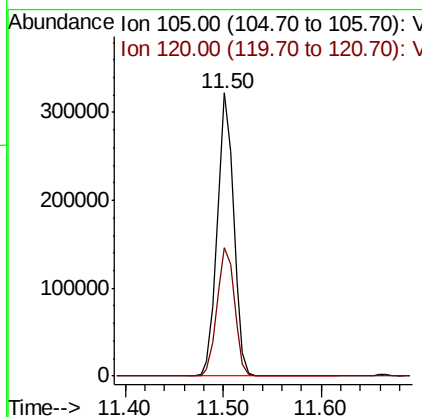
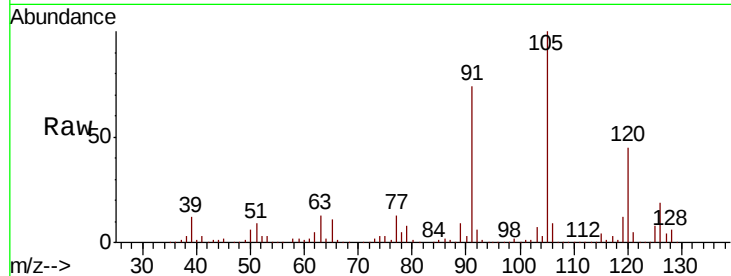
#80
 1,3,5-Trimethylbenzene
 Concen: 48.186 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tot Ion: 105 Resp: 377197
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8

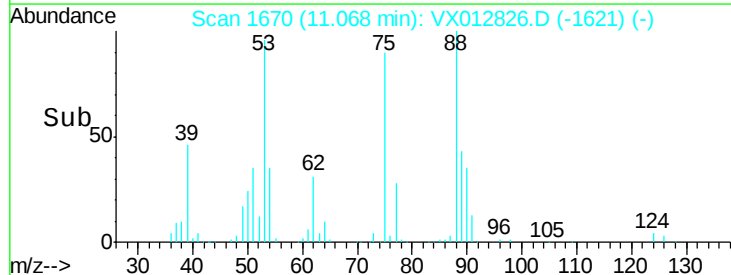
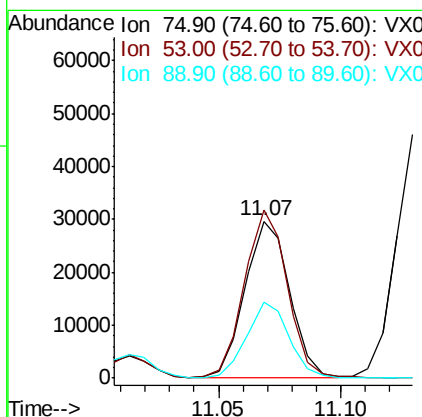
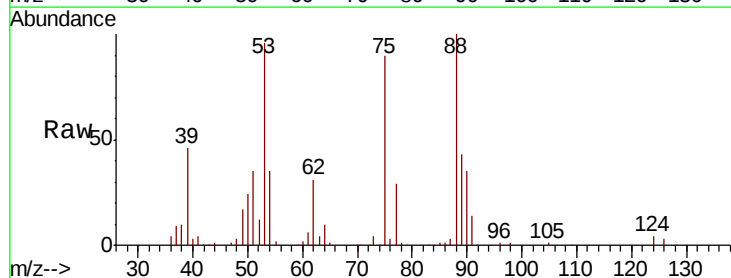
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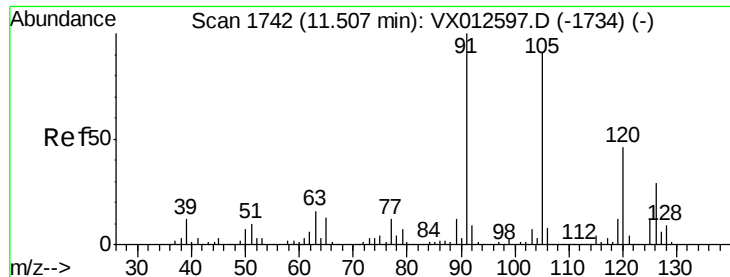
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 10/7/2019 9:26:37 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.496 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 75 Resp: 37552
 Ion Ratio Lower Upper
 75 100
 53 103.5 83.6 125.4
 89 46.6 36.3 54.5





#82

4-Chlorotoluene

Concen: 46.983 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 91 Resp: 351126

Ion Ratio Lower Upper

91 100

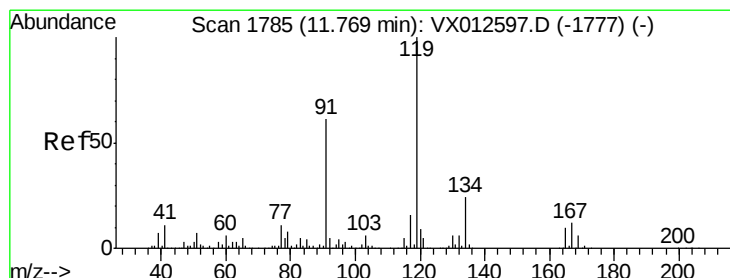
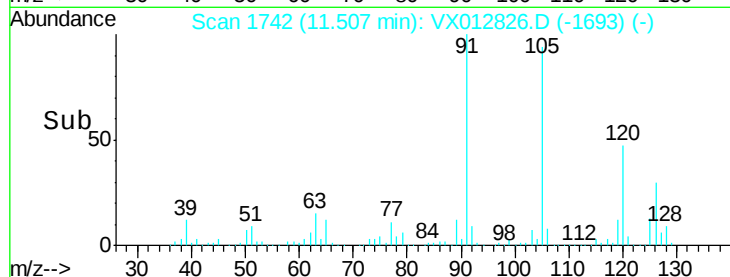
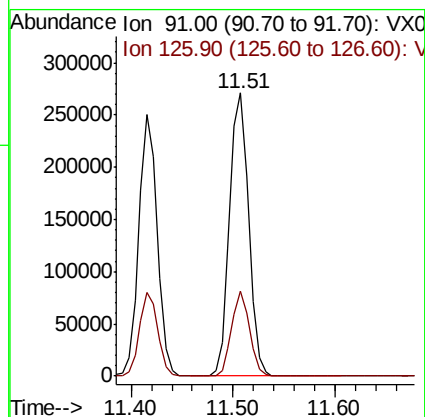
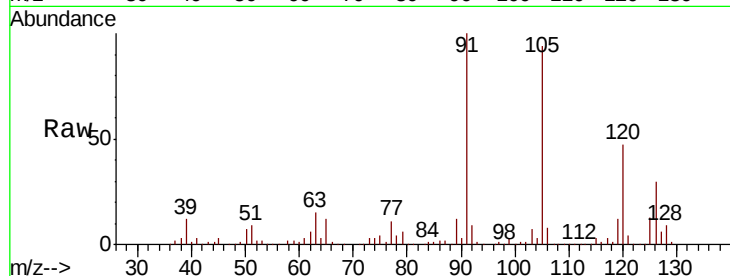
126 28.3 14.4 43.0

Manual Integrations

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#83

tert-Butylbenzene

Concen: 48.833 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

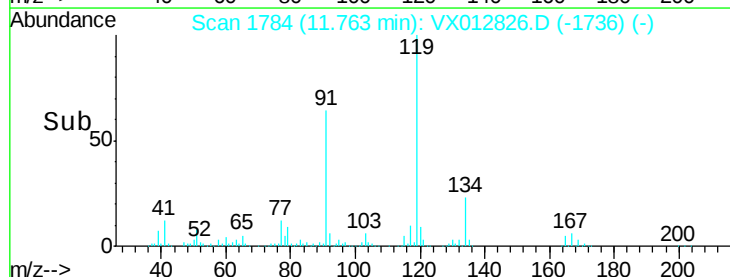
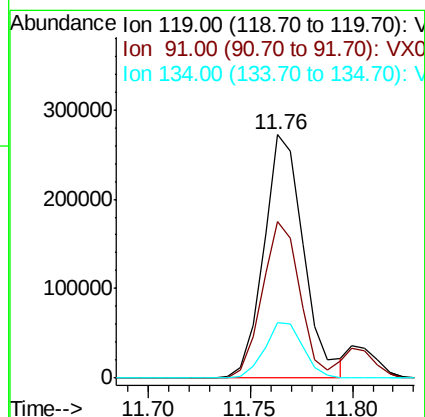
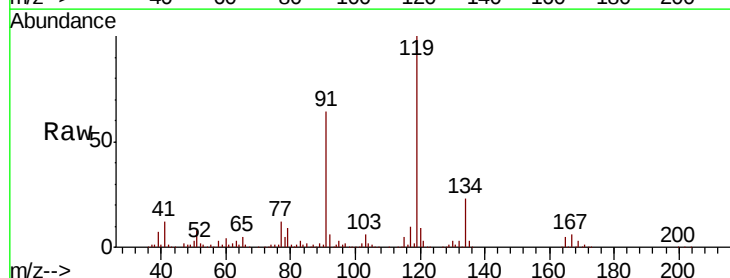
Tgt Ion: 119 Resp: 368741

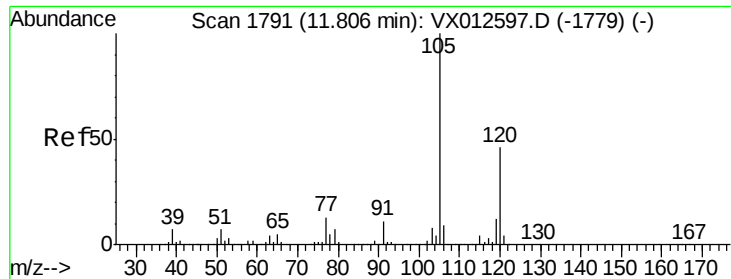
Ion Ratio Lower Upper

119 100

91 60.6 30.0 90.0

134 22.4 11.3 33.9





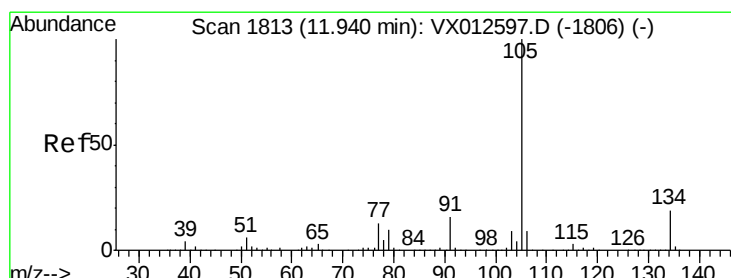
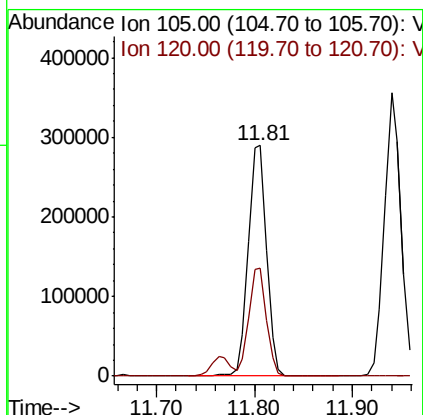
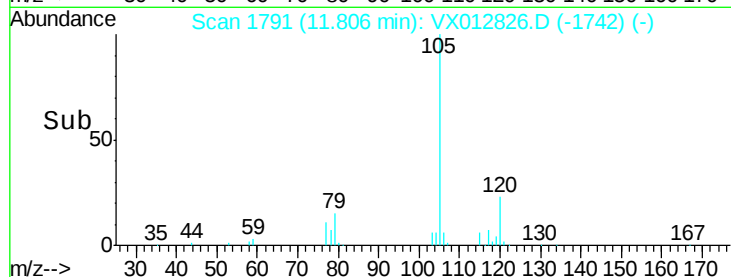
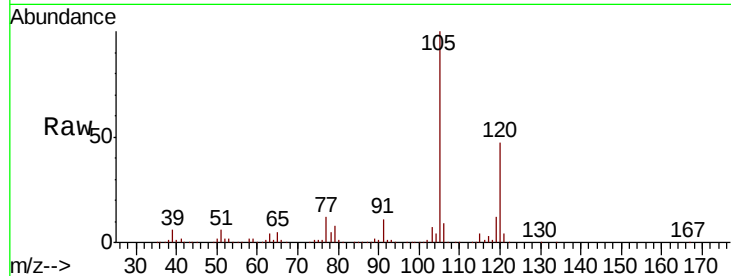
#84
1,2,4-Trimethylbenzene
Concen: 47.761 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion:105 Resp: 377154
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6

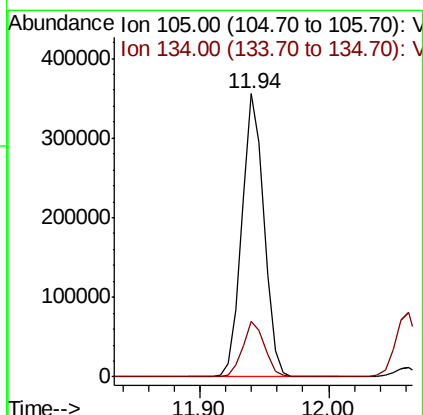
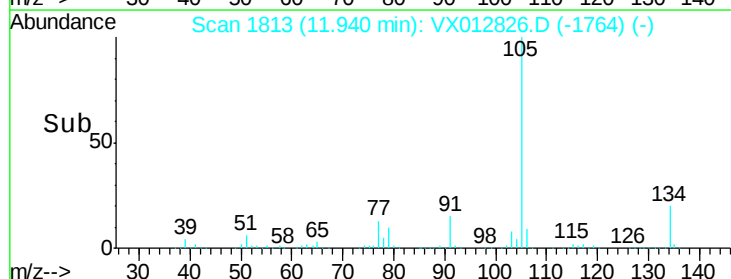
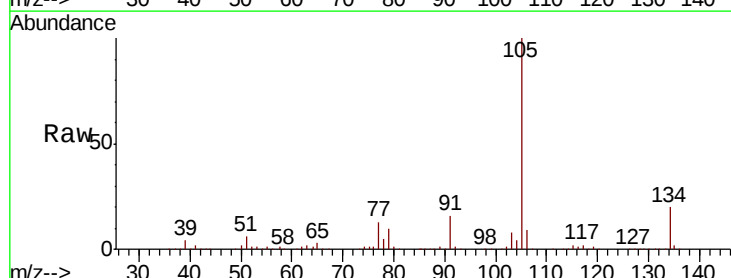
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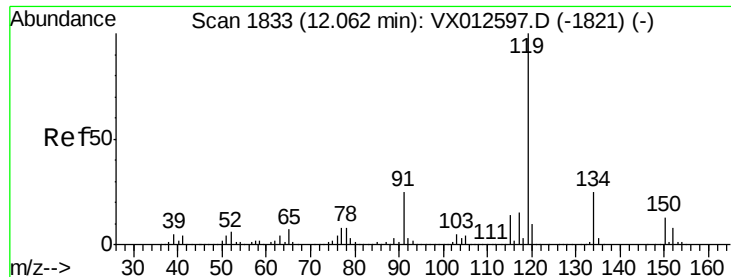
MMDadoda
10/7/2019 9:26:37 AM



#85
sec-Butylbenzene
Concen: 47.801 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion:105 Resp: 419826
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4





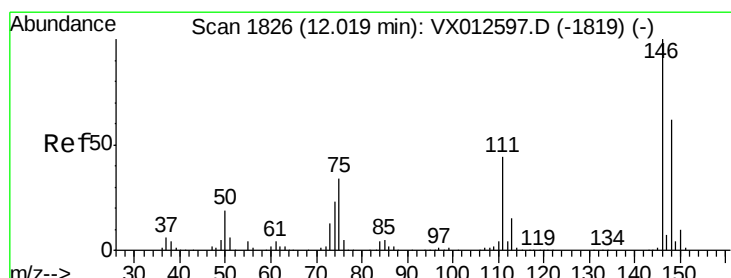
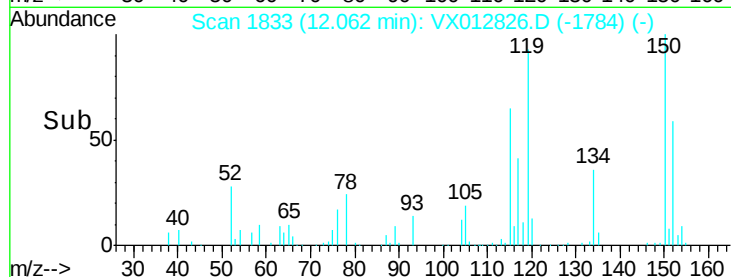
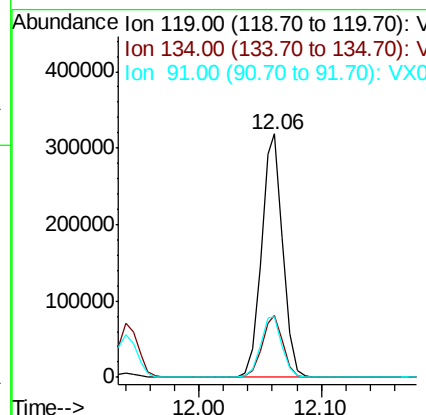
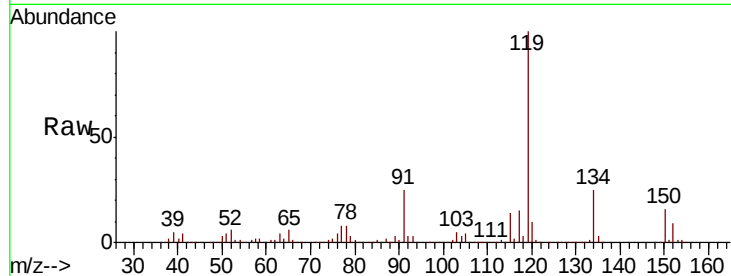
#86
 p-Isopropyltoluene
 Concen: 48.656 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	385591		
134	24.9	12.7	38.1	
91	25.4	12.8	38.4	

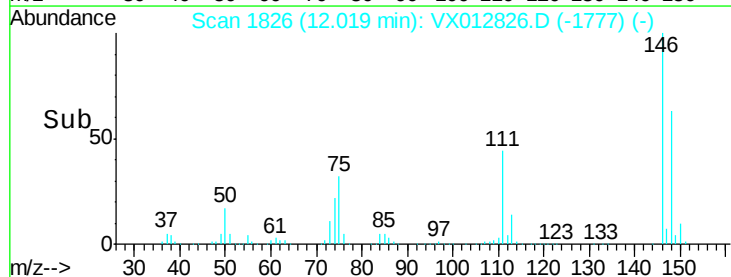
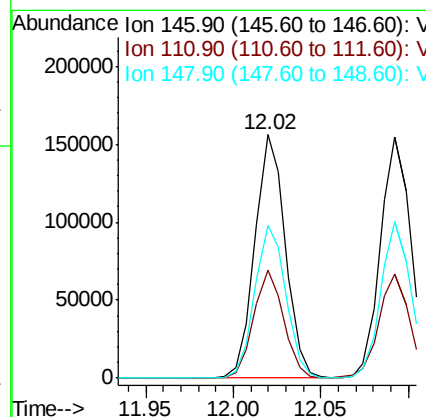
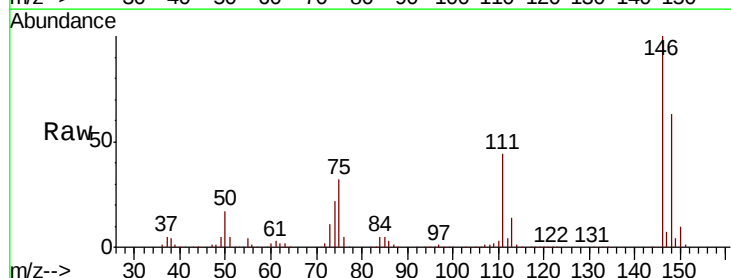
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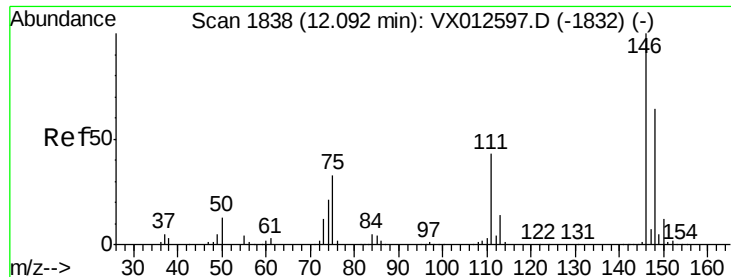
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#87
 1,3-Dichlorobenzene
 Concen: 49.708 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188993		
111	43.7	21.3	64.0	
148	63.9	32.4	97.2	





#88

1,4-Dichlorobenzene

Concen: 48.796 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

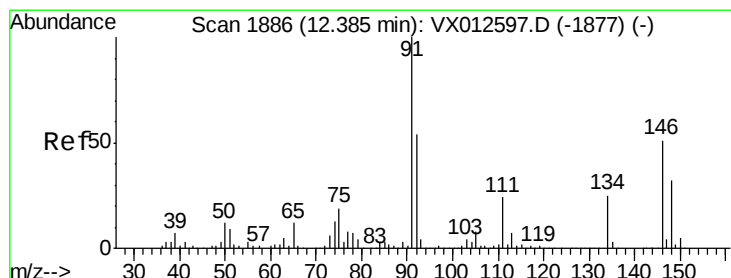
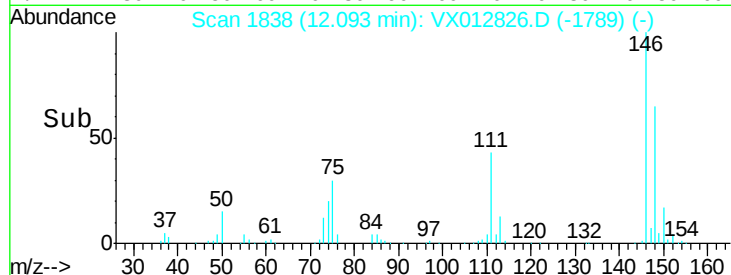
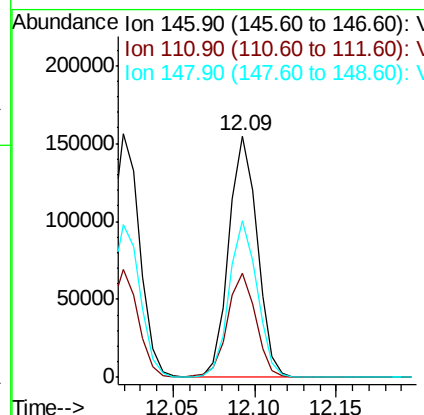
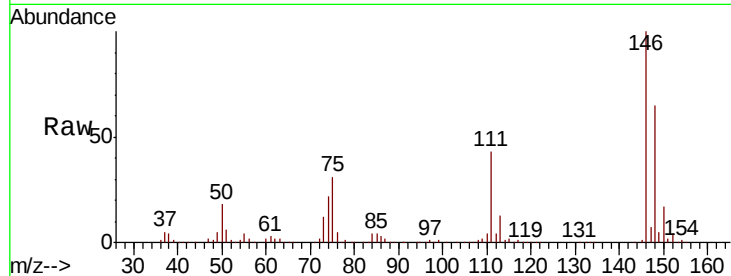
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	146	Resp:	187473
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.1	63.3
148	64.1	32.1	96.5

Manual Integrations
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#89

n-Butylbenzene

Concen: 44.755 ug/l

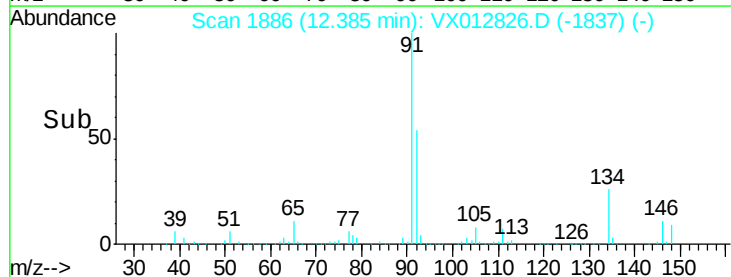
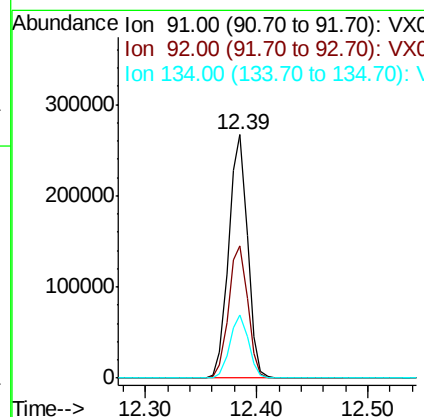
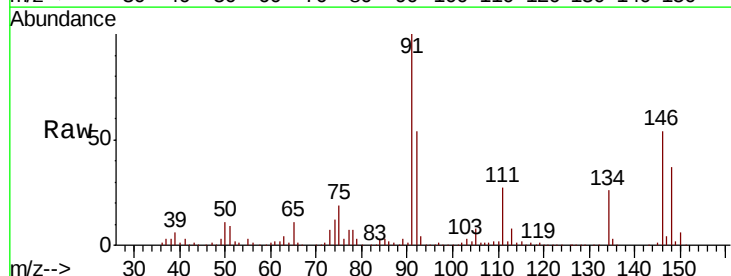
RT: 12.39 min Scan# 1886

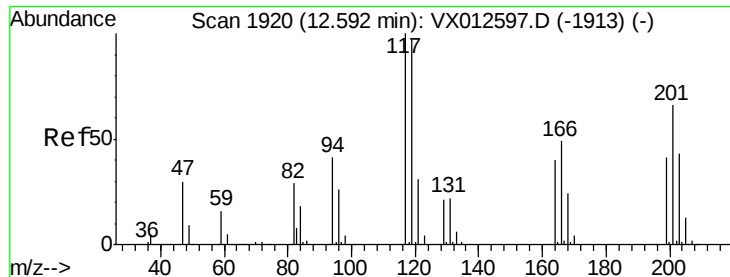
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	91	Resp:	312536
Ion Ratio	Lower	Upper	
91	100		
92	55.4	27.7	83.0
134	25.5	12.9	38.6





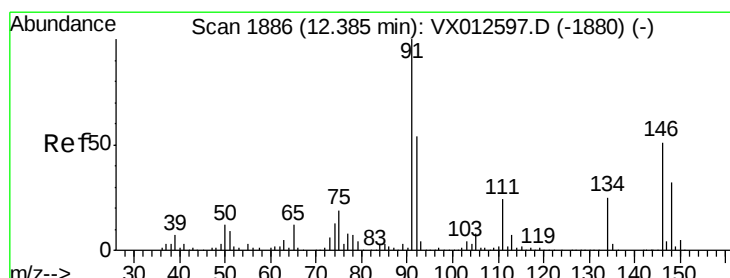
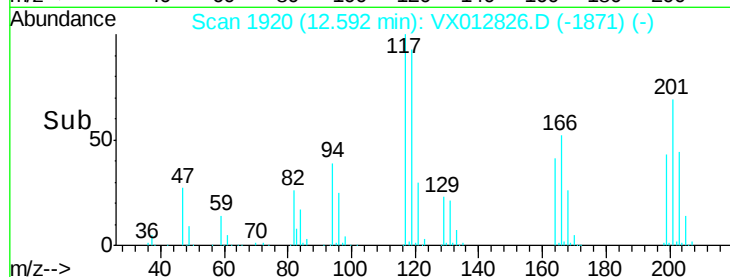
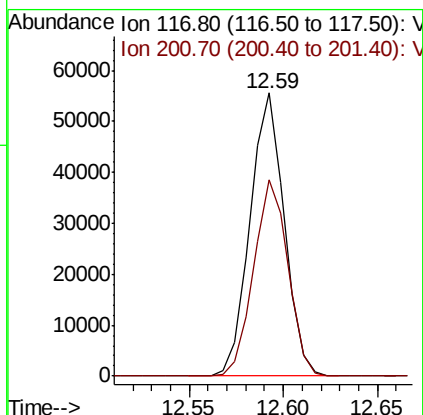
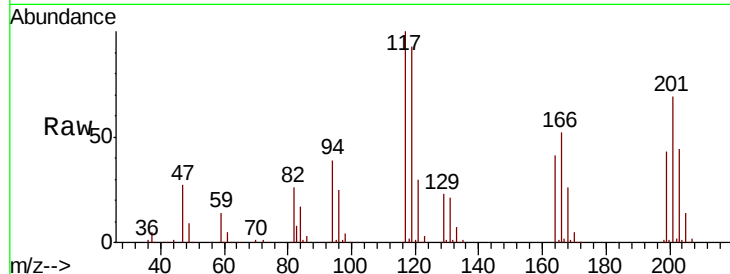
#90
Hexachloroethane
Concen: 49.457 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tot Ion:117 Resp: 69875
Ion Ratio Lower Upper
117 100
201 69.7 33.3 99.8

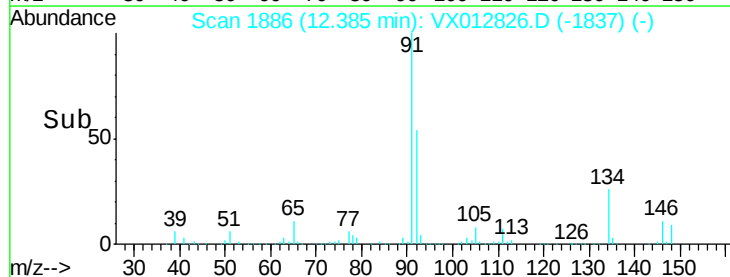
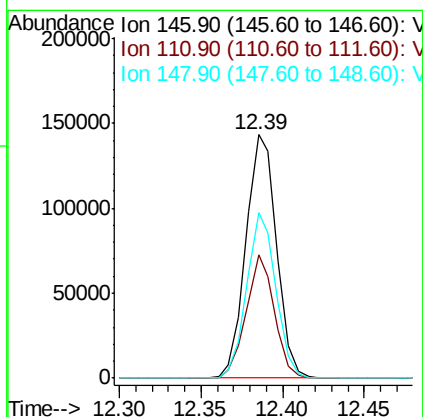
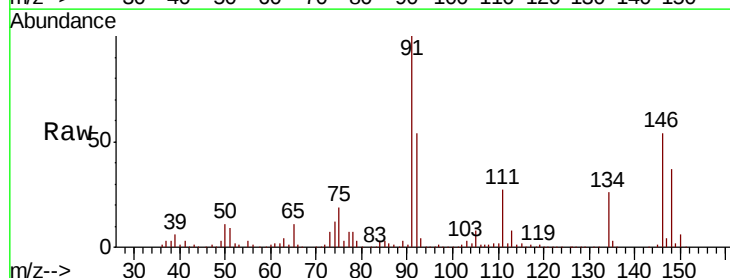
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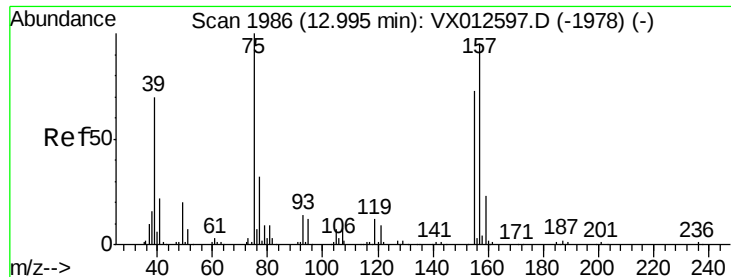
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#91
1,2-Dichlorobenzene
Concen: 49.331 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion:146 Resp: 187776
Ion Ratio Lower Upper
146 100
111 46.6 22.1 66.1
148 64.7 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.455 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion: 75 Resp: 39792

Ion Ratio Lower Upper

75 100

155 79.3 38.6 115.8

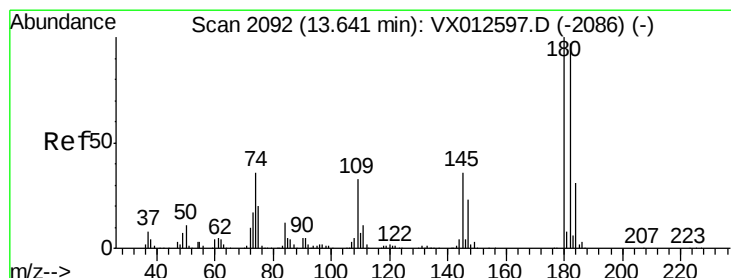
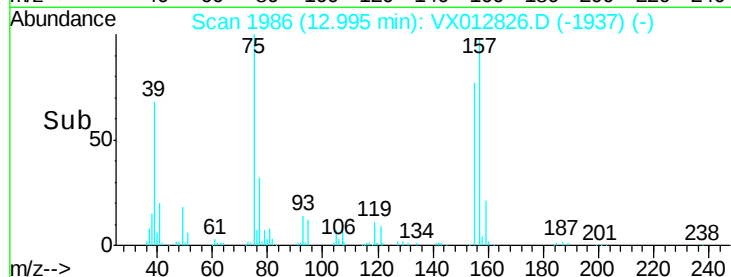
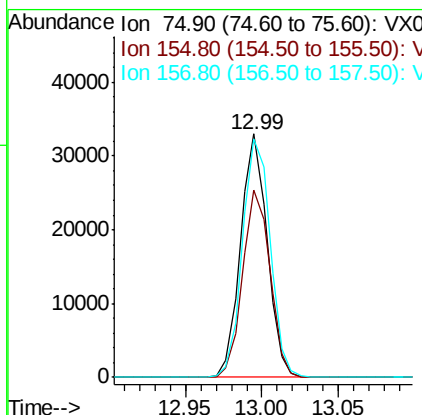
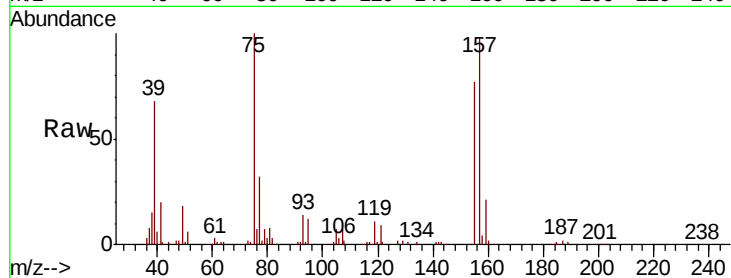
157 102.6 50.6 151.9

Manual Integrations

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#93

1,2,4-Trichlorobenzene

Concen: 50.214 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

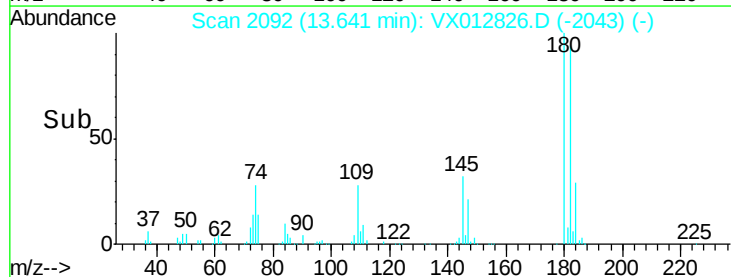
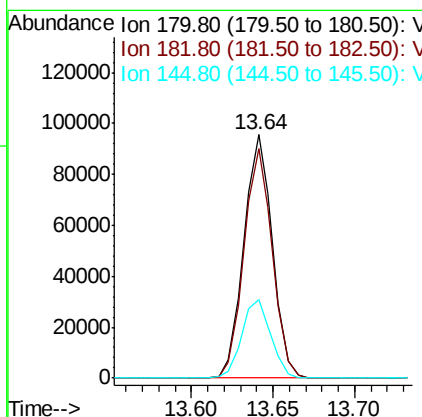
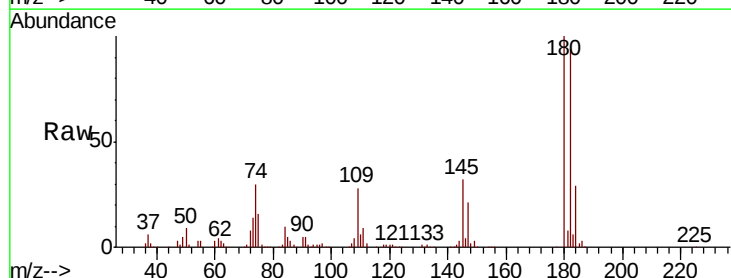
Tgt Ion: 180 Resp: 116564

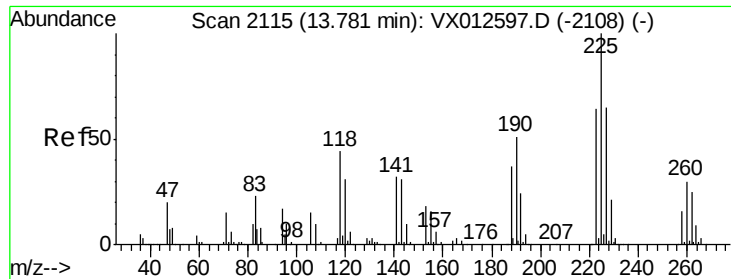
Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.0

145 32.6 16.8 50.4





#94

Hexachlorobutadiene

Concen: 48.789 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

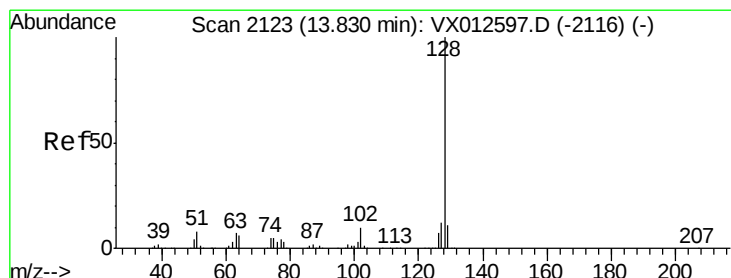
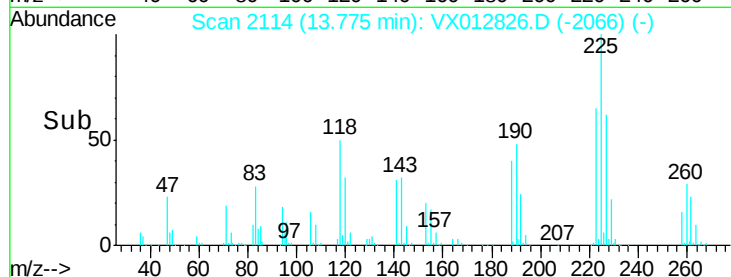
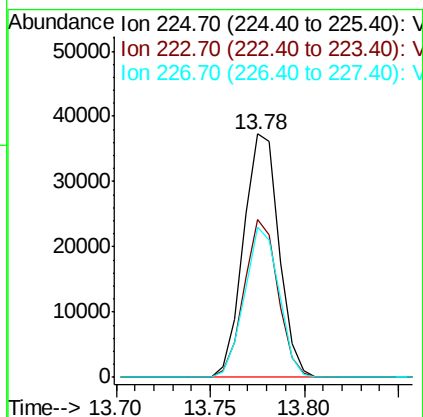
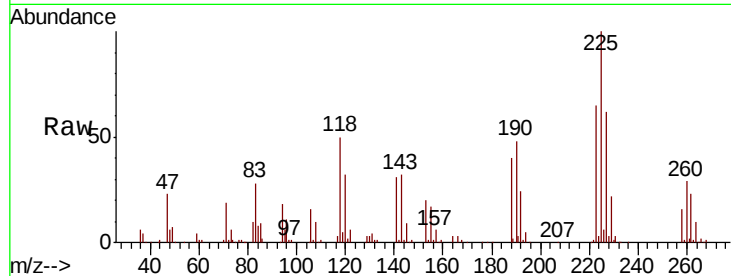
ClientSampleId :

SA-MW127D-20190930MSD

Tot Ion:	225	Resp:	48723
Ion Ratio		Lower	Upper
225	100		
223	61.8	32.0	96.2
227	59.9	31.9	95.5

Manual Integrations
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#95

Naphthalene

Concen: 49.736 ug/l

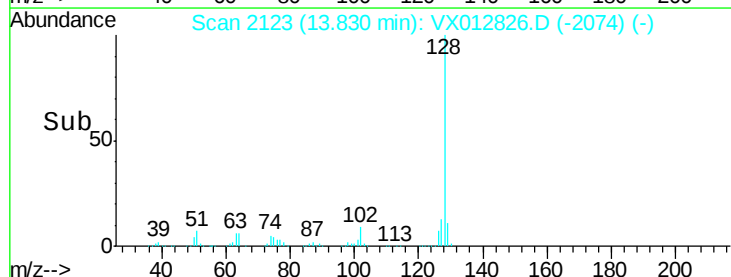
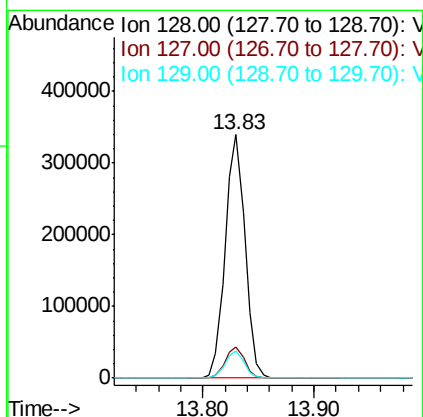
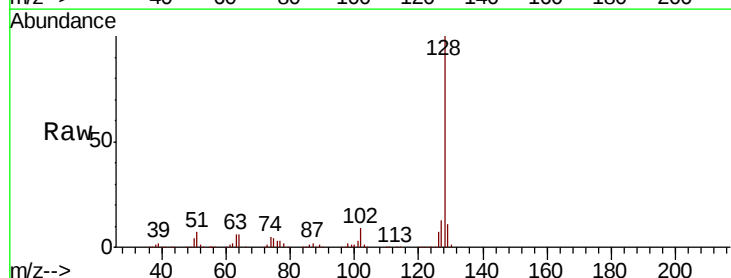
RT: 13.83 min Scan# 2123

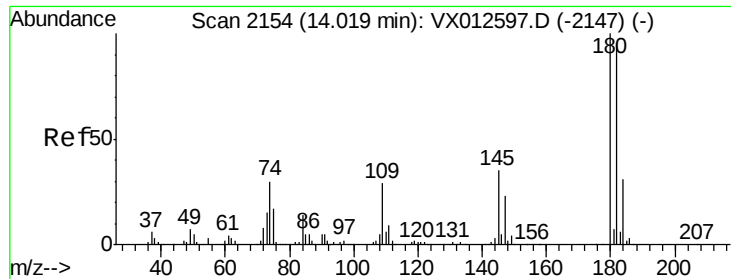
Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion:	128	Resp:	417718
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 50.909 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	47.1	141.3	
145	35.8	18.0	54.0	

Manual Integrations
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 10/7/2019 9:26:37 AM

