

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012514.D
 Acq On : 19 Sep 2019 07:44
 Operator : JC/SP
 Sample : K4858-08MSD 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:07:31 PM

Quant Time: Sep 19 09:41:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	133854	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	
35) Dibromofluoromethane	5.49	113	97590	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	8.71	98	323915	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.13	95	130289	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	47170	42.059	ug/l	97
3) Chloromethane	1.32	50	50320	54.369	ug/l	99
4) Vinyl Chloride	1.40	62	53330	53.312	ug/l	100
5) Bromomethane	1.63	94	18304	46.574	ug/l	96
6) Chloroethane	1.71	64	38310	48.940	ug/l	96
7) Trichlorofluoromethane	1.92	101	83873	45.738	ug/l	99
8) Diethyl Ether	2.18	74	47025	56.775	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49957	37.653	ug/l	99
10) Methyl Iodide	2.50	142	58079	50.920	ug/l	96
11) Tert butyl alcohol	3.03	59	156568	256.030	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55547	52.481	ug/l	97
13) Acrolein	2.28	56	57503	271.558	ug/l	100
14) Allyl chloride	2.72	41	129196	52.430	ug/l	100
15) Acrylonitrile	3.13	53	293858	281.056	ug/l	99
16) Acetone	2.43	43	269433	244.209	ug/l	100
17) Carbon Disulfide	2.56	76	66189	44.427	ug/l	99
18) Methyl Acetate	2.76	43	140665	55.948	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	331468	57.438	ug/l	99
20) Methylene Chloride	2.84	84	81691	55.945	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	59485	54.122	ug/l	99
22) Diisopropyl ether	3.84	45	329633	57.132	ug/l	99
23) Vinyl Acetate	3.80	43	1391058	293.093	ug/l	99
24) 1,1-Dichloroethane	3.69	63	157568	57.079	ug/l	98
25) 2-Butanone	4.65	43	426571	254.874	ug/l	99
26) 2,2-Dichloropropane	4.58	77	86525	31.870	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	92634	56.420	ug/l	92
28) Bromochloromethane	5.00	49	81338	57.153	ug/l	96
29) Tetrahydrofuran	5.11	42	260931	282.212	ug/l	99
30) Chloroform	5.20	83	174491	55.038	ug/l	99
31) Cyclohexane	5.57	56	59278	35.572	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134132	50.620	ug/l	100
36) 1,1-Dichloropropene	5.79	75	77927	42.315	ug/l	96
37) Ethyl Acetate	4.82	43	156692	55.430	ug/l	99
38) Carbon Tetrachloride	5.78	117	98293	42.914	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	54148	30.245	ug/l	95
40) Benzene	6.13	78	302742	51.696	ug/l	97
41) Methacrylonitrile	5.03	41	93384	51.304	ug/l	97
42) 1,2-Dichloroethane	6.18	62	143085	52.679	ug/l	99
43) Isopropyl Acetate	6.43	43	265980	52.423	ug/l	99
44) Trichloroethene	7.20	130	502766	326.366	ug/l	96
45) 1,2-Dichloropropane	7.51	63	94355	52.443	ug/l	100
46) Dibromomethane	7.65	93	63750	54.754	ug/l	99
47) Bromodichloromethane	7.89	83	139127	53.667	ug/l	98
48) Methyl methacrylate	7.76	41	125210	52.352	ug/l	98
49) 1,4-Dioxane	7.73	88	56262	966.543	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	861095	258.798	ug/l	99
52) Toluene	8.78	92	184493	48.891	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135312	50.212	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140409	50.328	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103312	53.141	ug/l	98
56) Ethyl methacrylate	9.17	69	166116	54.650	ug/l	98
57) 1,3-Dichloropropane	9.37	76	166852	53.791	ug/l	100
59) 2-Hexanone	9.49	43	656328	252.839	ug/l	99
60) Dibromochloromethane	9.58	129	111638	56.374	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97326	54.814	ug/l	97
64) Tetrachloroethene	9.33	164	55690	45.670	ug/l	96
65) Chlorobenzene	10.14	112	219342	49.941	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	98849	54.229	ug/l	100
67) Ethyl Benzene	10.25	91	344683	45.679	ug/l	98
68) m/p-Xylenes	10.36	106	254583	92.726	ug/l	99
69) o-Xylene	10.70	106	138698	49.122	ug/l	100
70) Stvrene	10.71	104	251106	50.264	ug/l	99
71) Bromoform	10.85	173	78448	49.985	ug/l #	100
73) Isopropylbenzene	11.01	105	339094	44.006	ug/l	99
74) N-amyl acetate	10.89	43	235003	56.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	173236	57.311	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161161m	57.128	ug/l	
77) Bromobenzene	11.25	156	99624	53.012	ug/l	99
78) n-propylbenzene	11.35	91	360869	42.019	ug/l	99
79) 2-Chlorotoluene	11.42	91	261599	46.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	293879	44.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44118	43.372	ug/l	98
82) 4-Chlorotoluene	11.51	91	299216	46.663	ug/l	99
83) tert-Butylbenzene	11.77	119	305090	43.325	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	311304	46.136	ug/l	99
85) sec-Butylbenzene	11.94	105	303232	39.079	ug/l	100
86) p-Isopropyltoluene	12.06	119	287316	40.324	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	172009	48.658	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	176255	48.539	ug/l	99
89) n-Butylbenzene	12.39	91	228320	35.914	ug/l	100
90) Hexachloroethane	12.59	117	54889	42.013	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	191168	51.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45707	58.325	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	117991	49.579	ug/l	99

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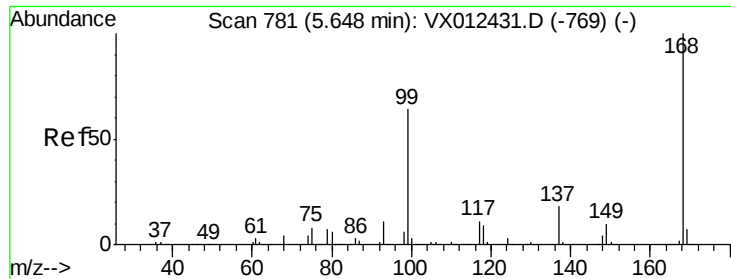
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	37888	33.778	ug/l	98
95) Naphthalene	13.83	128	481330	56.841	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	125598	51.790	ug/l	100

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



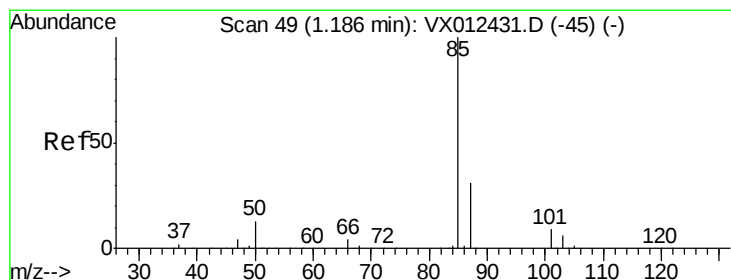
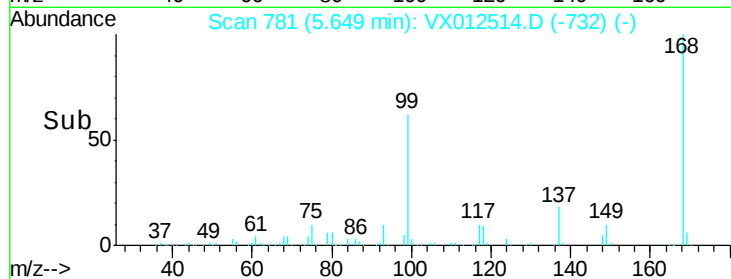
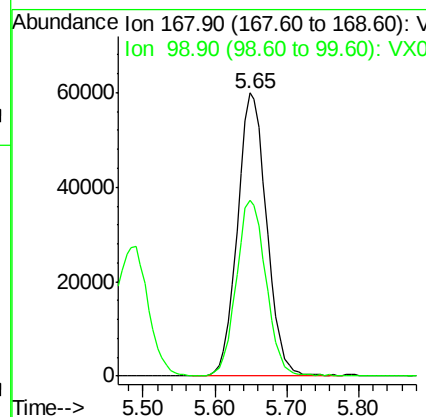
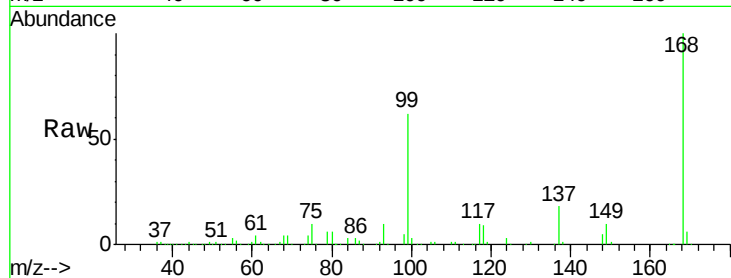
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	168349		
99	61.7	51.4	77.2	

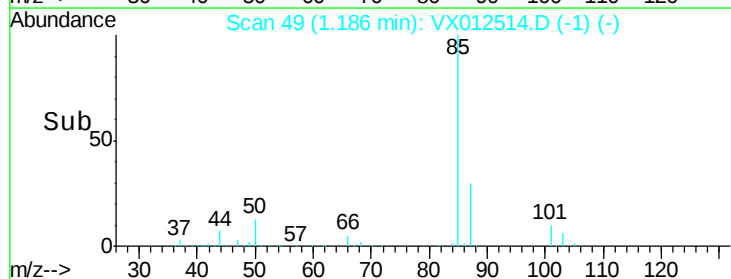
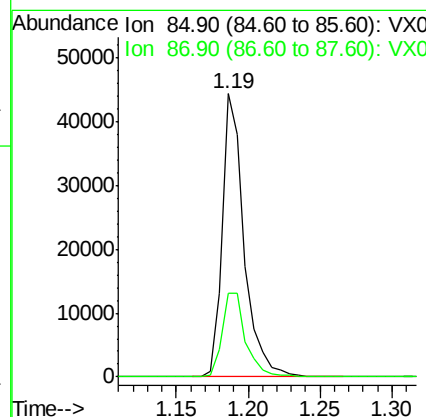
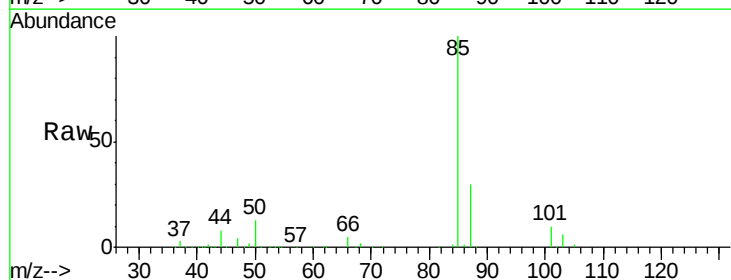
Manual Integrations
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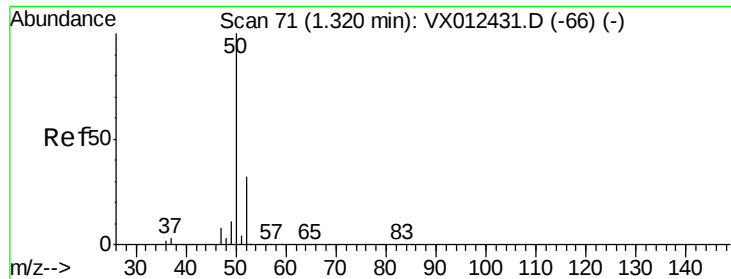
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#2
Dichlorodifluoromethane
Concen: 42.059 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	47170		
87	29.7	15.6	46.8	





#3

Chloromethane

Concen: 54.369 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 50 Resp: 50320

Ion Ratio Lower Upper

50 100

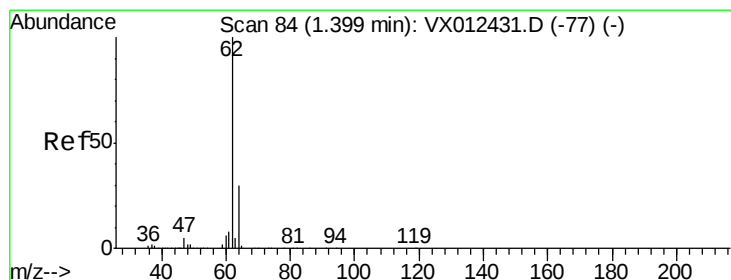
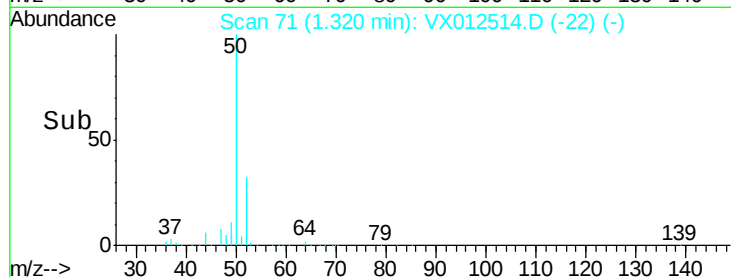
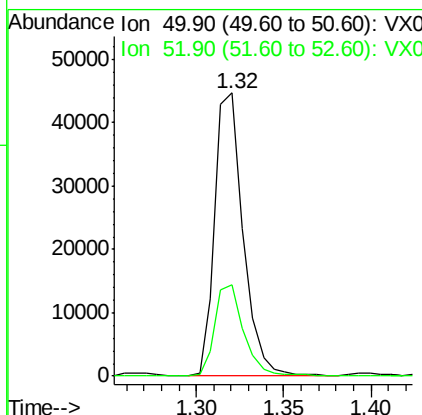
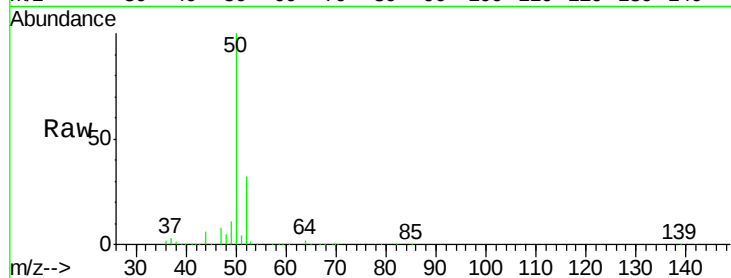
52 32.5 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.312 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012514.D

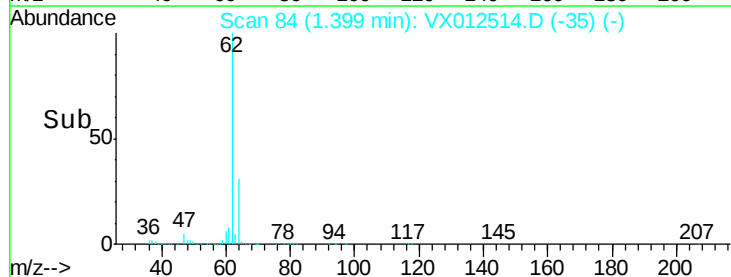
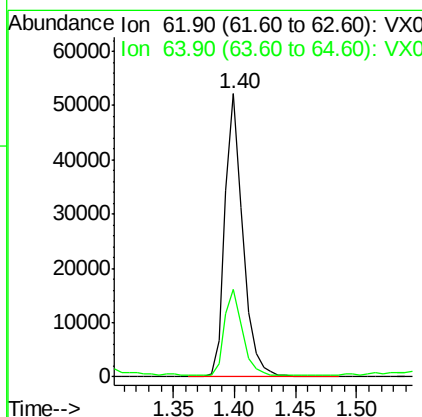
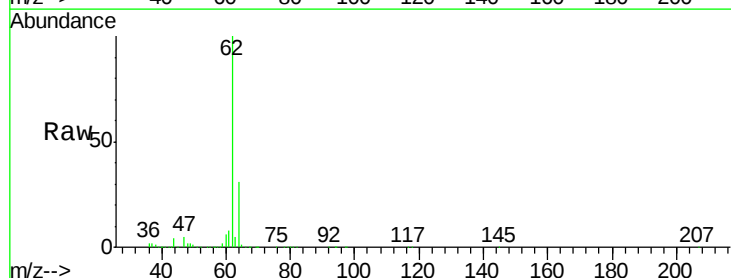
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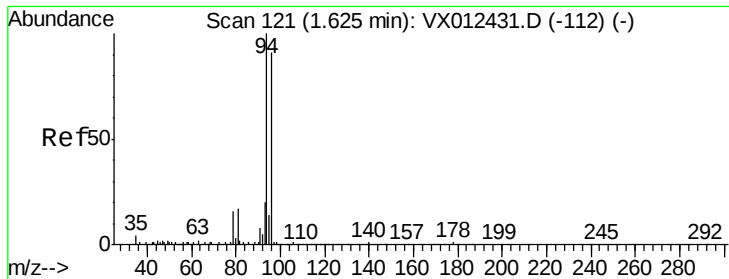
Tgt Ion: 62 Resp: 53330

Ion Ratio Lower Upper

62 100

64 30.2 24.2 36.2





#5

Bromomethane

Concen: 46.574 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 94 Resp: 18304

Ion Ratio Lower Upper

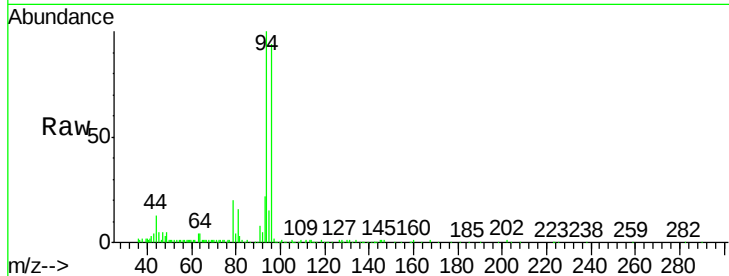
94 100

96 94.8 72.8 109.2

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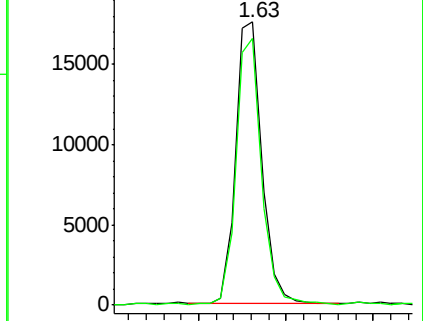
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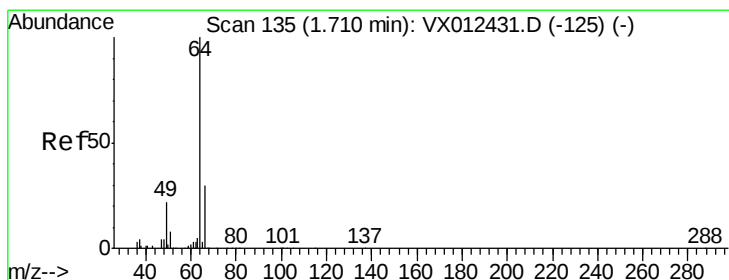
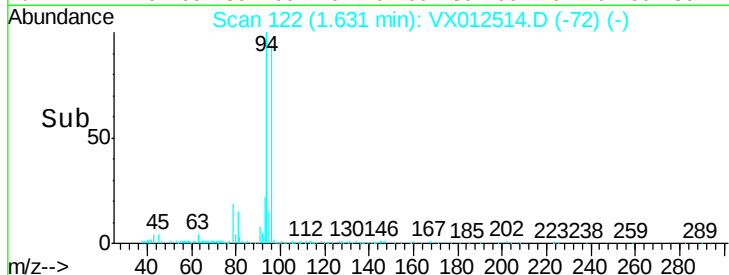


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 48.940 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012514.D

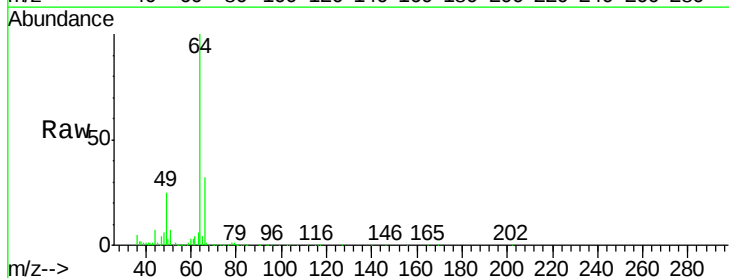
Acq: 19 Sep 2019 07:44

Tgt Ion: 64 Resp: 38310

Ion Ratio Lower Upper

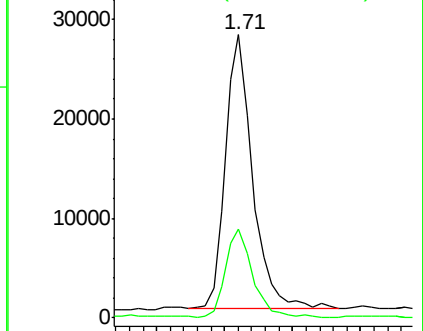
64 100

66 32.2 24.0 36.0

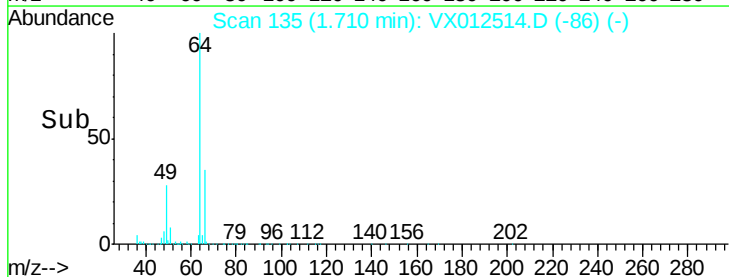


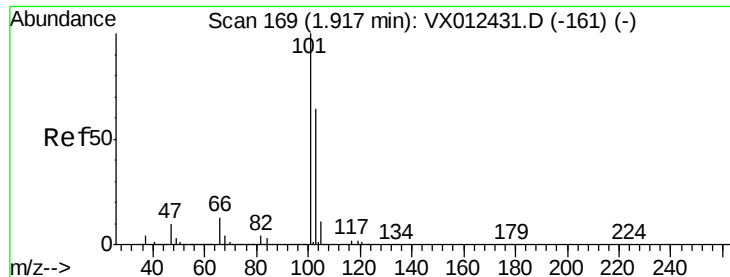
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

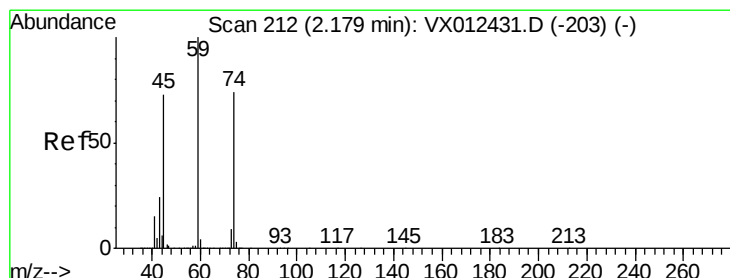
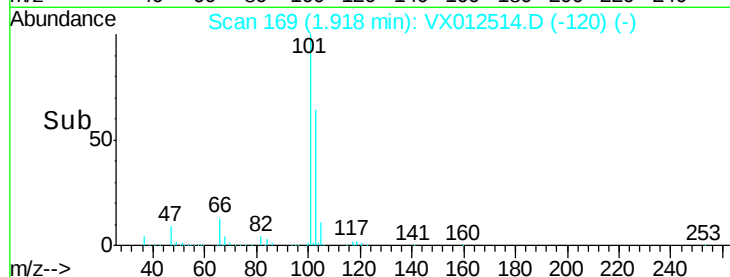
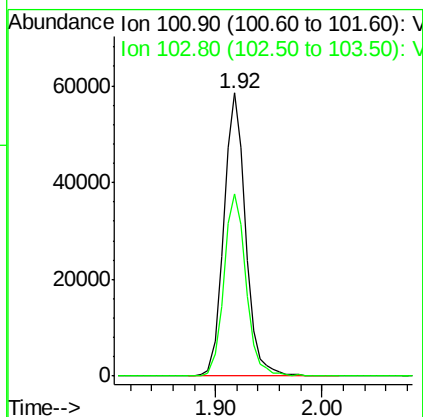
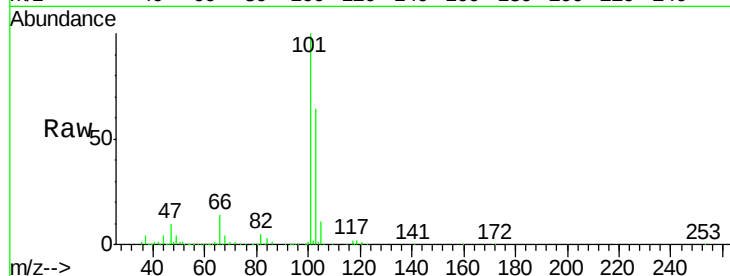
Trichlorofluoromethane
 Concen: 45.738 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.0	76.4

Manual Integrations
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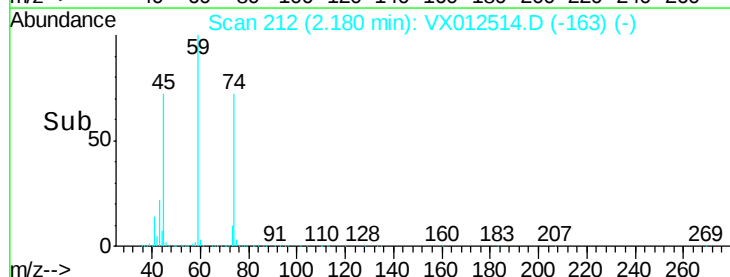
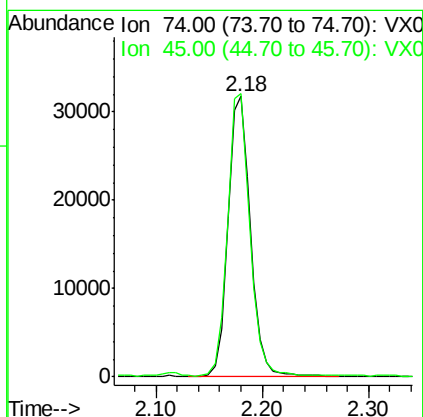
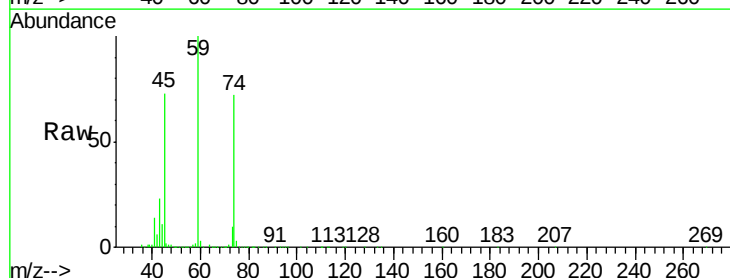
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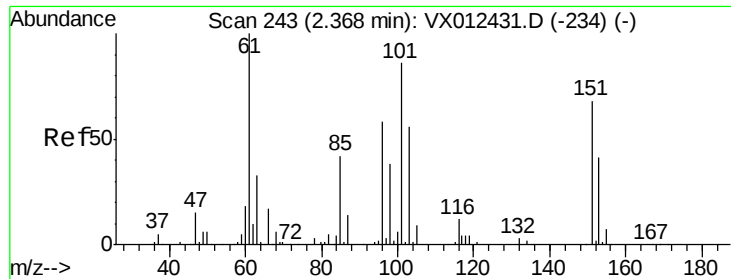


#8

Diethyl Ether
 Concen: 56.775 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.653 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

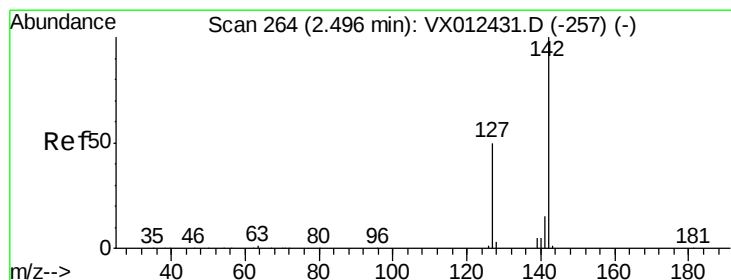
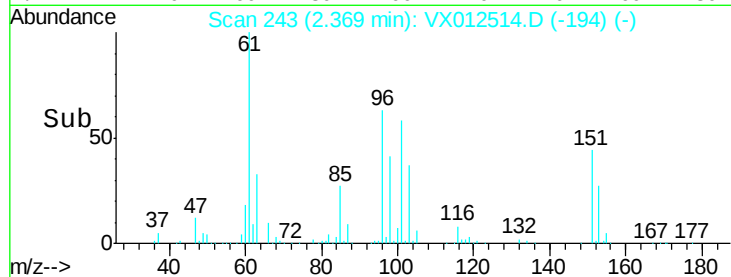
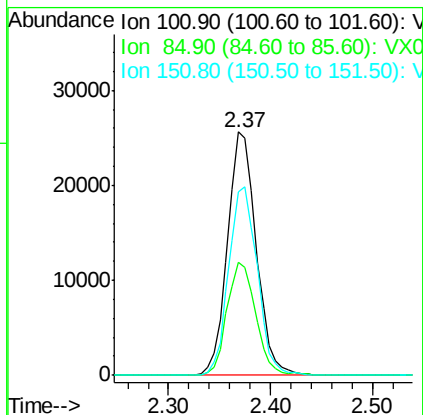
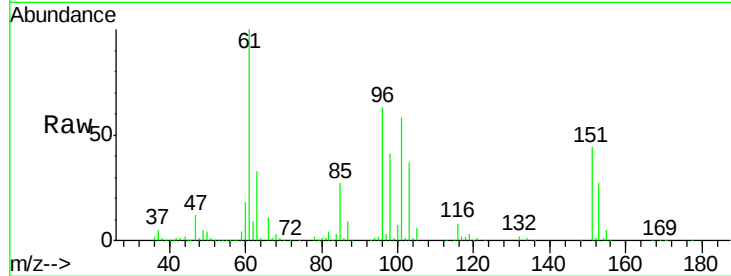
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	101	Resp:	49957
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.3	55.9
151	77.0	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 50.920 ug/l

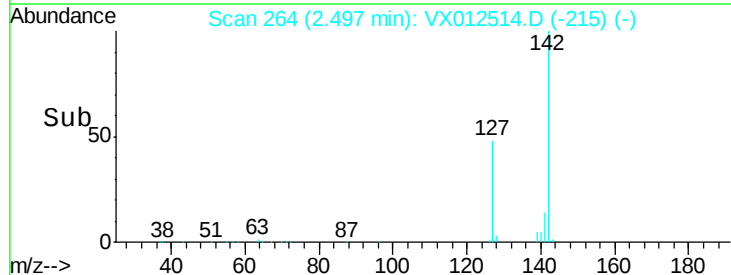
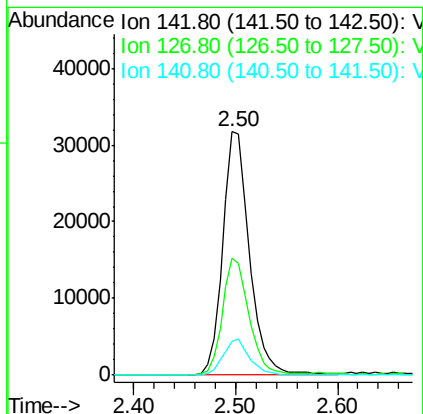
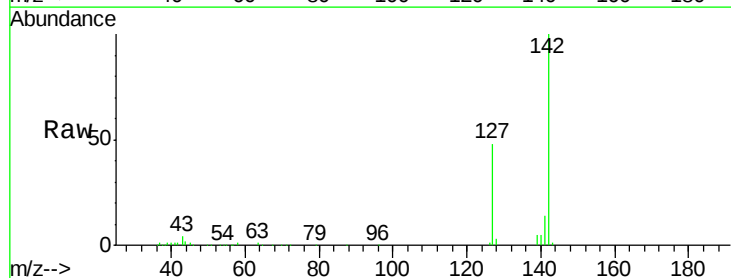
RT: 2.50 min Scan# 264

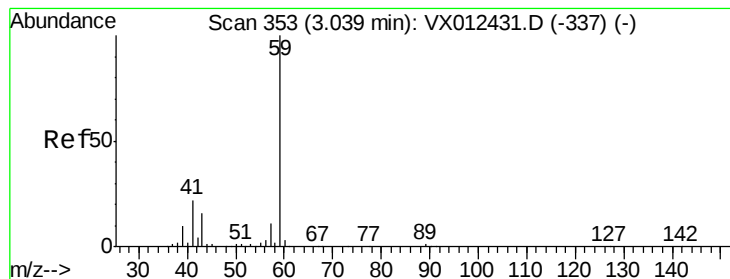
Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion:	142	Resp:	58079
Ion Ratio	Lower	Upper	
142	100		
127	47.4	40.8	61.2
141	14.5	12.1	18.1





#11

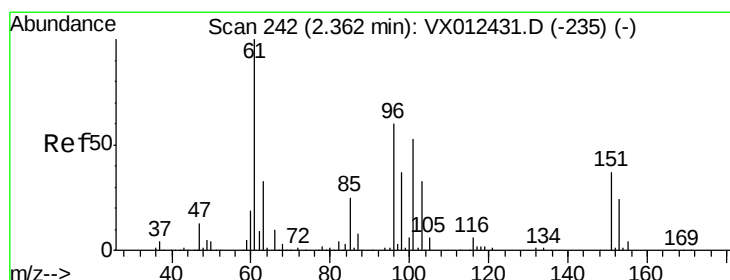
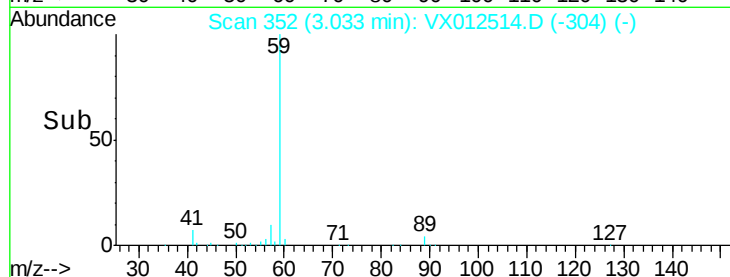
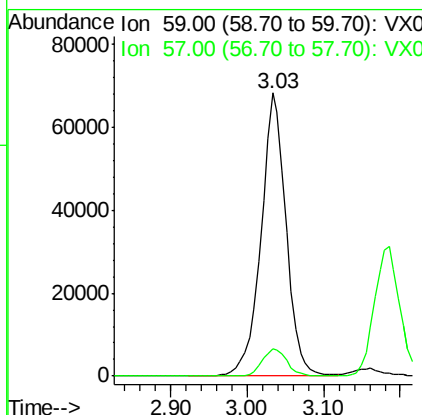
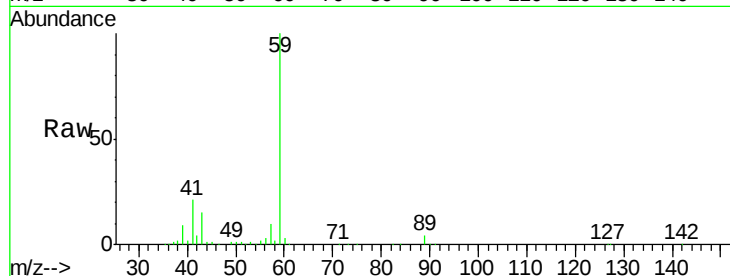
Tert butyl alcohol
 Concen: 256.030 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

Manual Integrations
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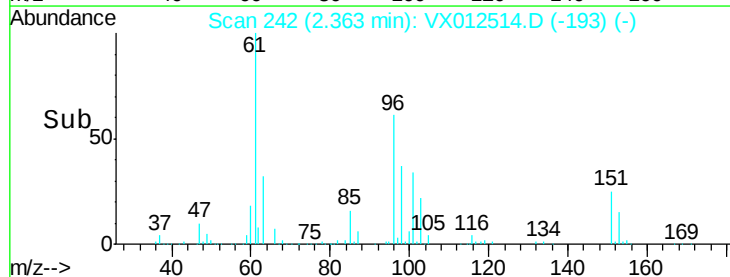
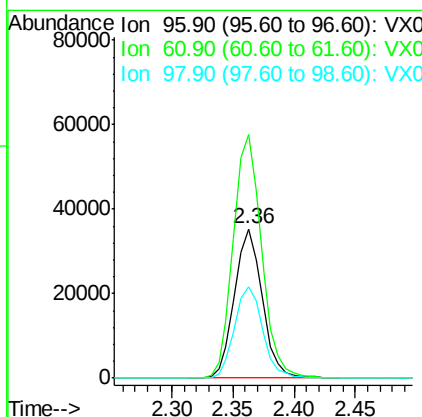
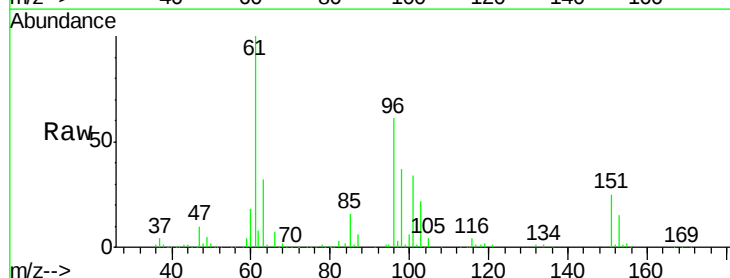
MMDadoda
 9/19/2019 1:07:31 PM

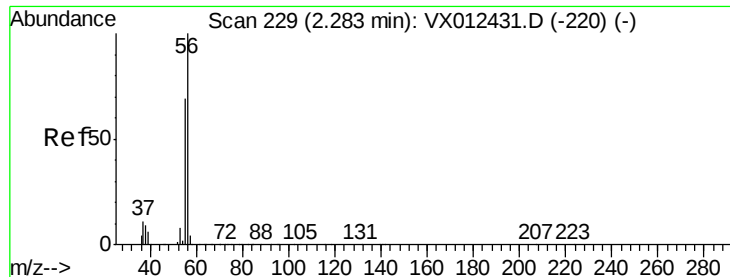


#12

1,1-Dichloroethene
 Concen: 52.481 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

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





#13

Acrolein

Concen: 271.558 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tot Ion: 56 Resp: 57503

Ion Ratio Lower Upper

56 100

55 70.0 55.8 83.8

Instrument :

MSVOA_X

ClientSampleId :

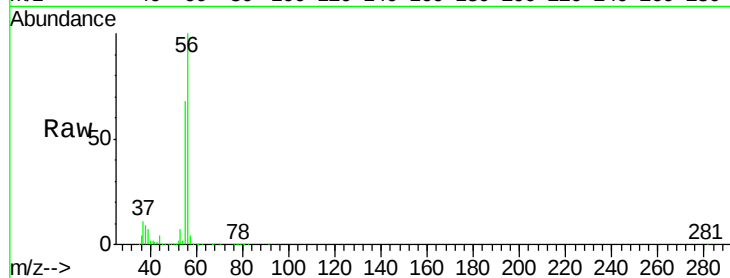
RE122D2-20190909MSD

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

40000

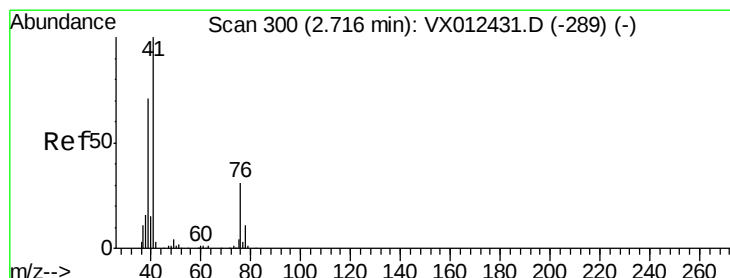
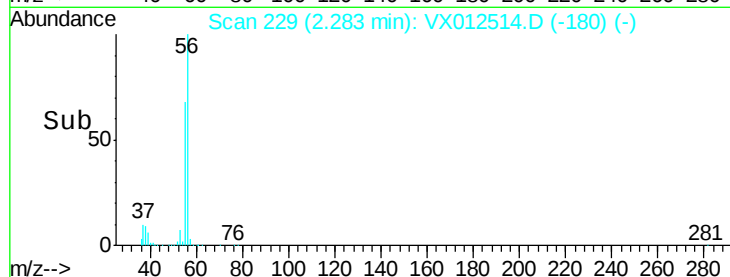
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 52.430 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

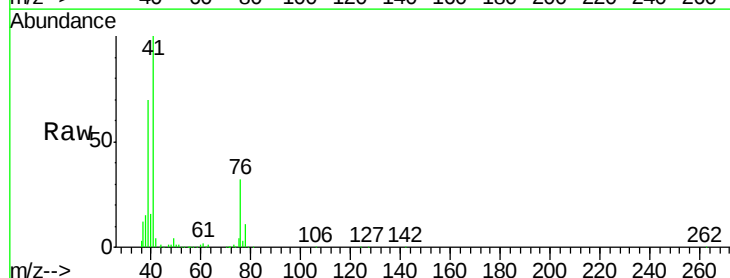
Tgt Ion: 41 Resp: 129196

Ion Ratio Lower Upper

41 100

39 63.9 51.3 76.9

76 28.5 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

80000

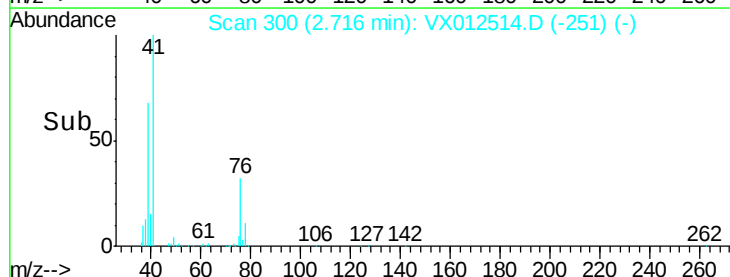
60000

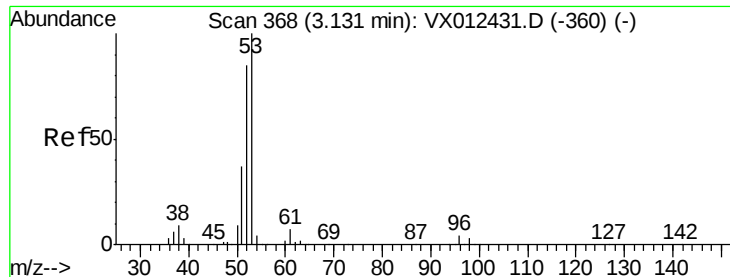
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 281.056 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

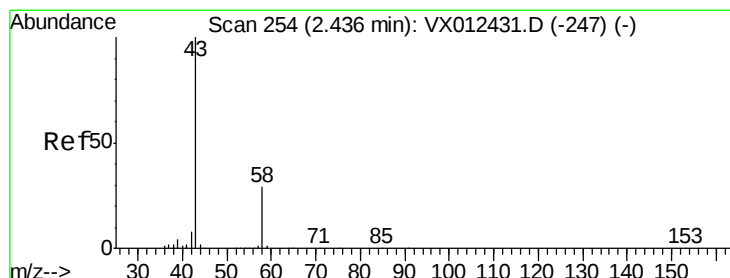
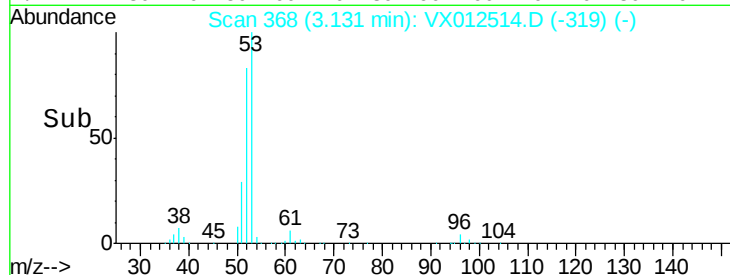
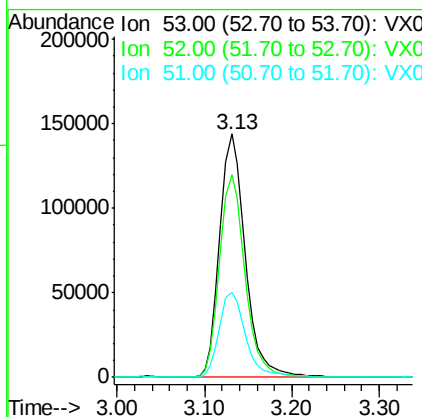
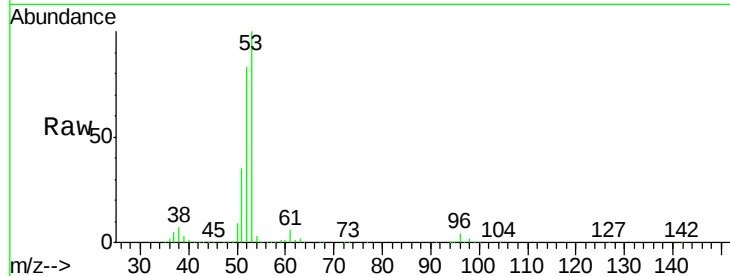
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	53	Resp:	293858
Ion Ratio	Lower	Upper	
53	100		
52	83.2	67.0	100.4
51	36.4	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 244.209 ug/l

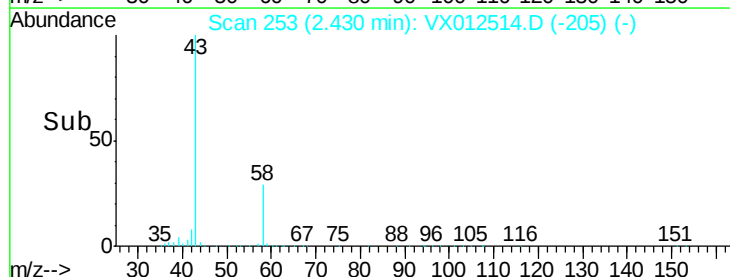
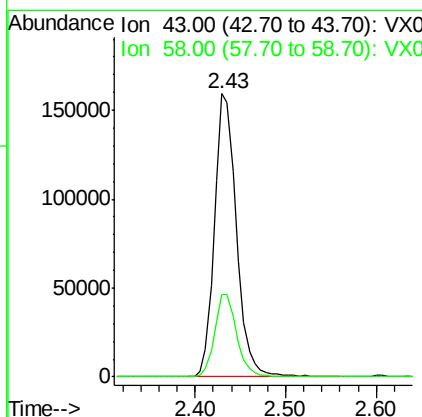
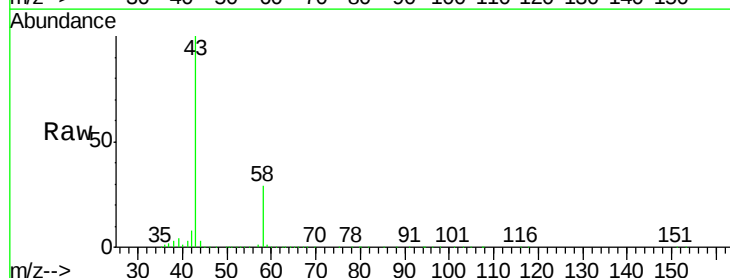
RT: 2.43 min Scan# 253

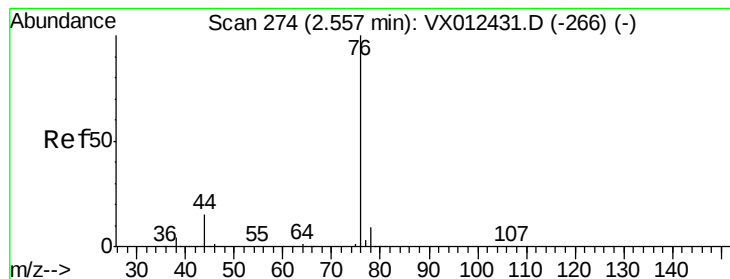
Delta R.T. -0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion:	43	Resp:	269433
Ion Ratio	Lower	Upper	
43	100		
58	29.2	23.3	34.9





#17

Carbon Disulfide

Concen: 44.427 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 76 Resp: 66189

Ion Ratio Lower Upper

76 100

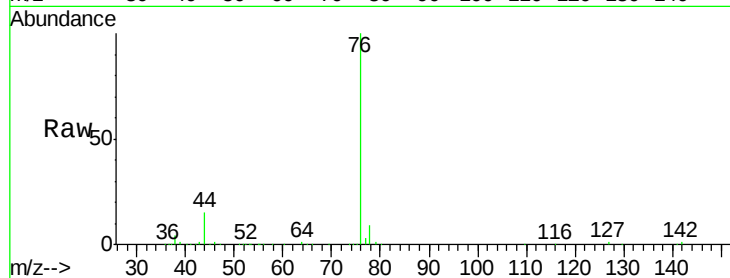
78 9.3 7.3 10.9

Manual Integrations

APPROVED

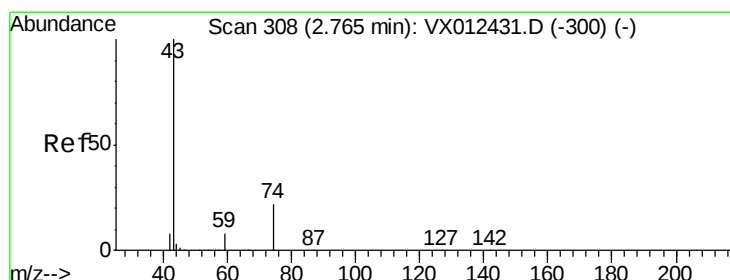
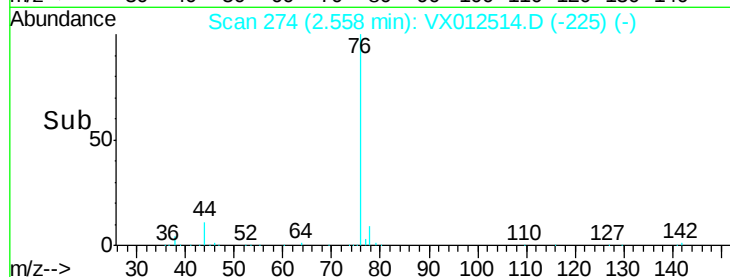
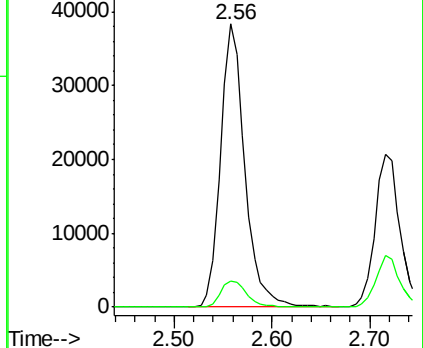
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.948 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012514.D

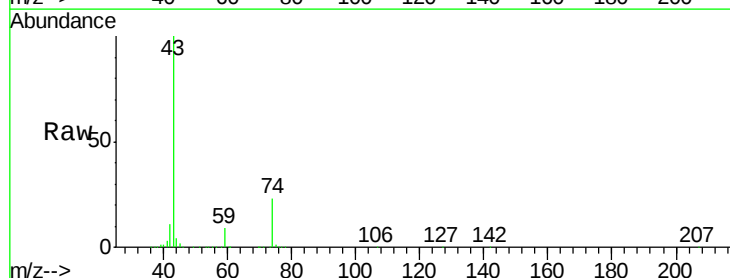
Acq: 19 Sep 2019 07:44

Tgt Ion: 43 Resp: 140665

Ion Ratio Lower Upper

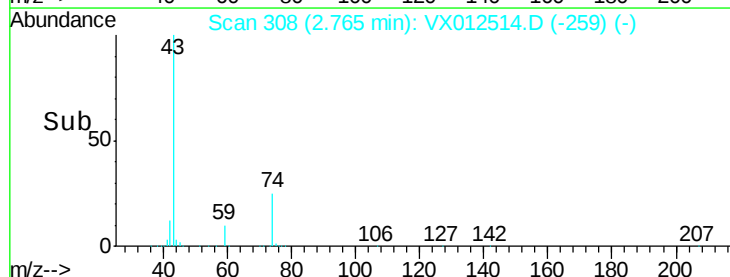
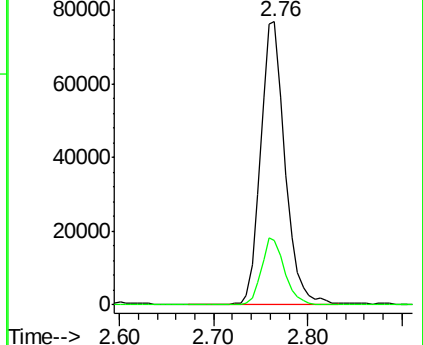
43 100

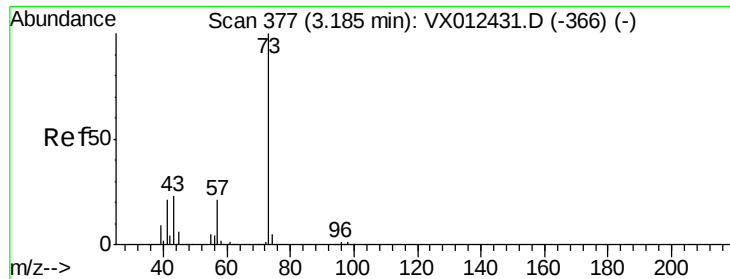
74 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

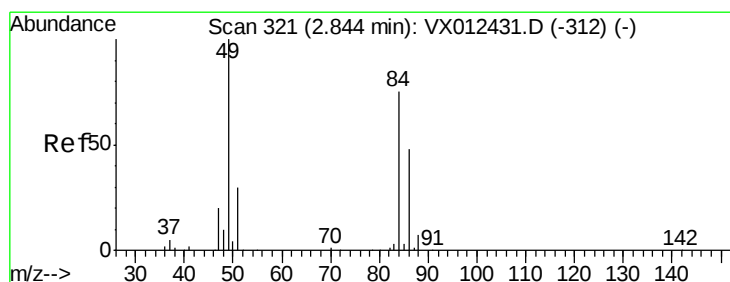
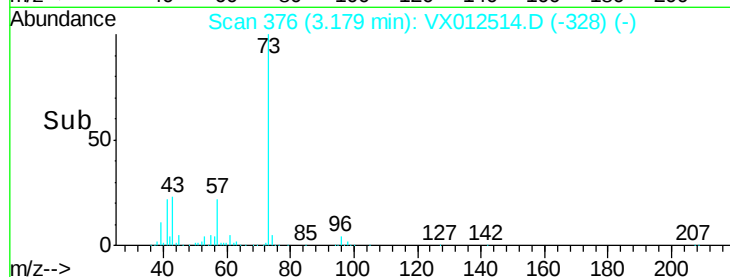
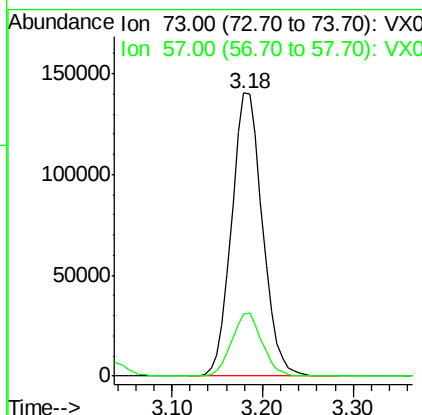
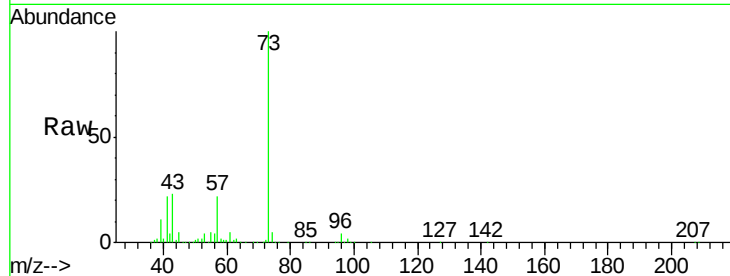
Methyl tert-butyl Ether
Concen: 57.438 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion: 73 Resp: 331468
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

Manual Integrations
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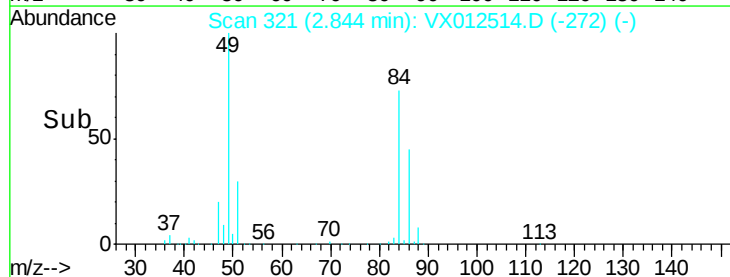
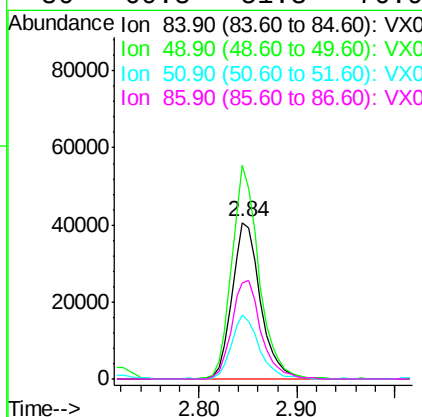
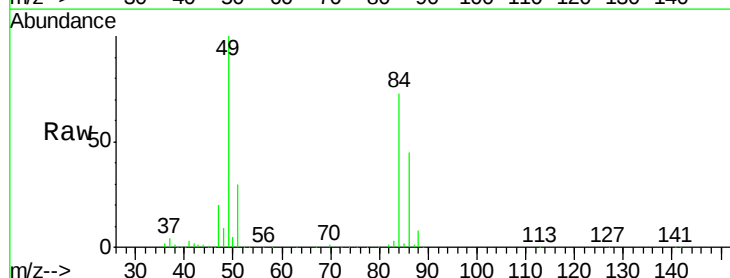
MMDadoda
9/19/2019 1:07:31 PM

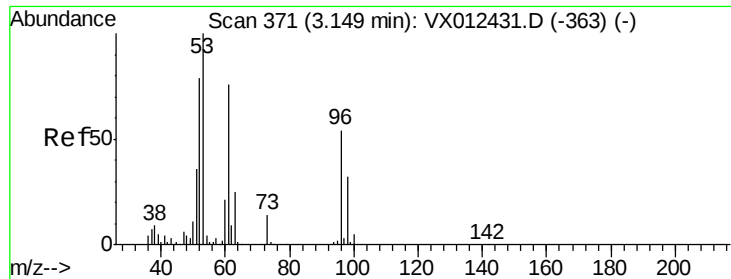


#20

Methylene Chloride
Concen: 55.945 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 84 Resp: 81691
Ion Ratio Lower Upper
84 100
49 136.3 106.8 160.2
51 40.5 32.3 48.5
86 60.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 54.122 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 96 Resp: 59485

Ion Ratio Lower Upper

96 100

61 140.6 112.0 168.0

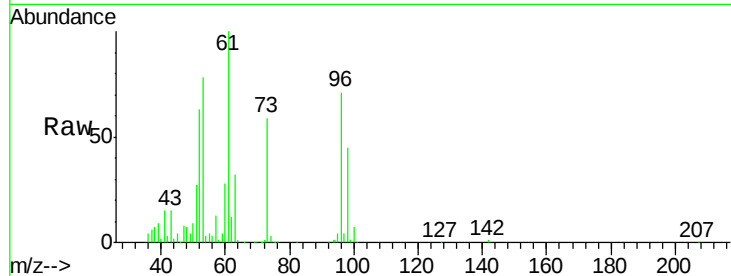
98 62.6 47.8 71.8

Manual Integrations

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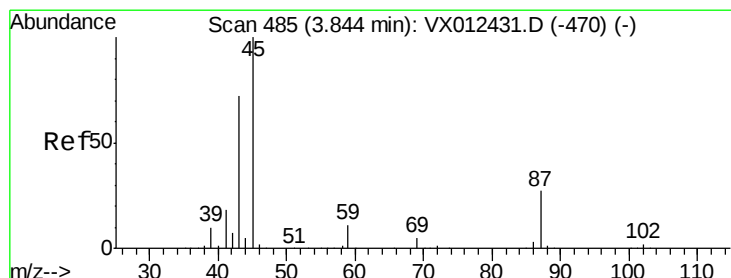
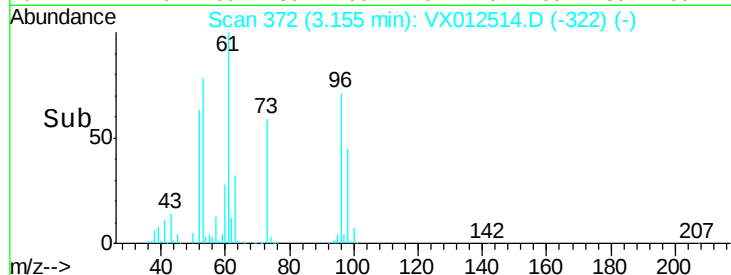
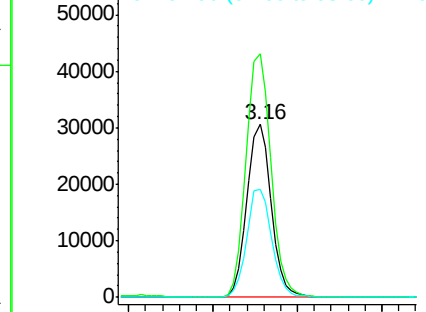


Abundance

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



#22

Diisopropyl ether

Concen: 57.132 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion: 45 Resp: 329633

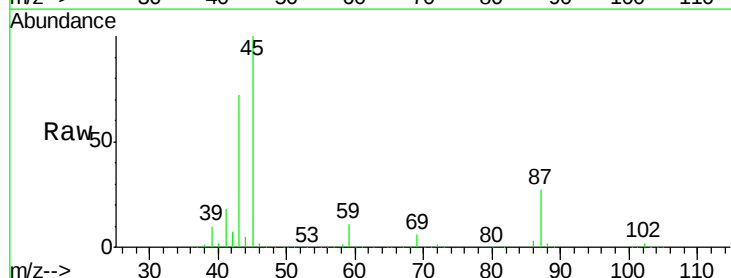
Ion Ratio Lower Upper

45 100

43 71.9 57.8 86.8

87 27.4 21.3 31.9

59 11.5 8.5 12.7



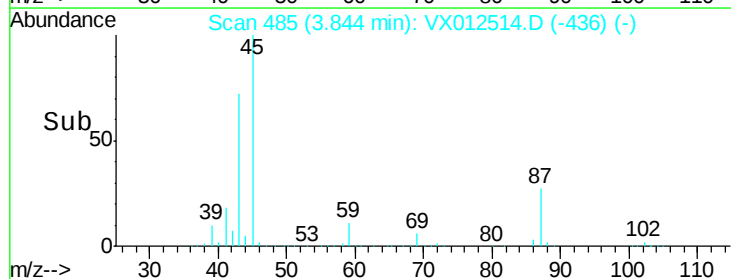
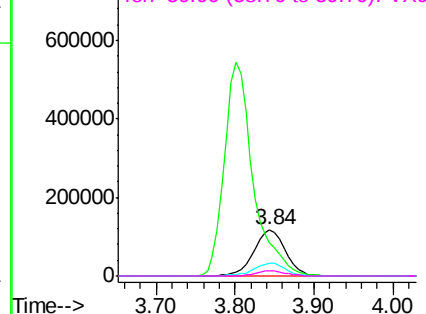
Abundance

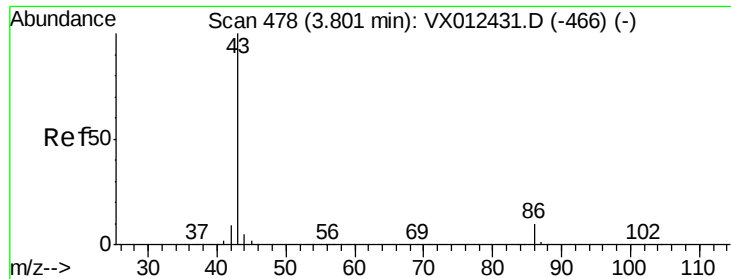
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 293.093 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 43 Resp: 1391058

Ion Ratio Lower Upper

43 100

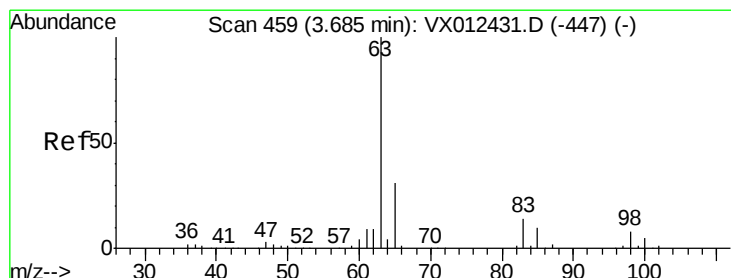
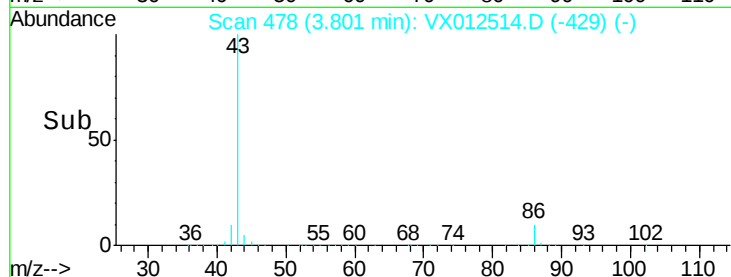
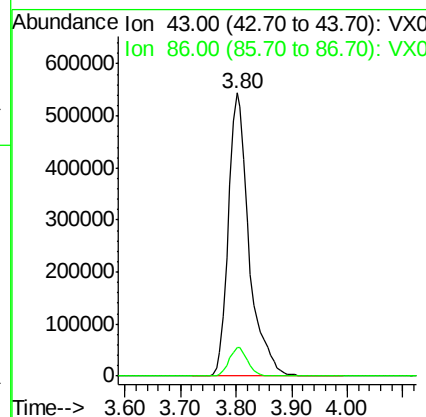
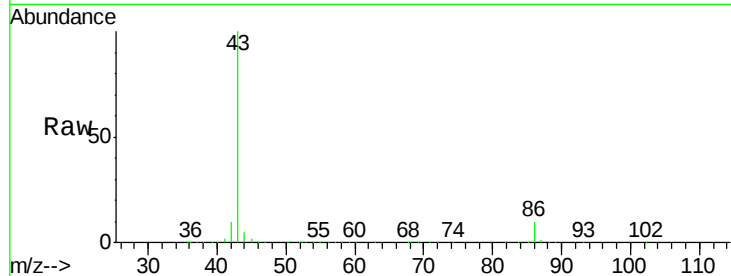
86 10.1 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 57.079 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

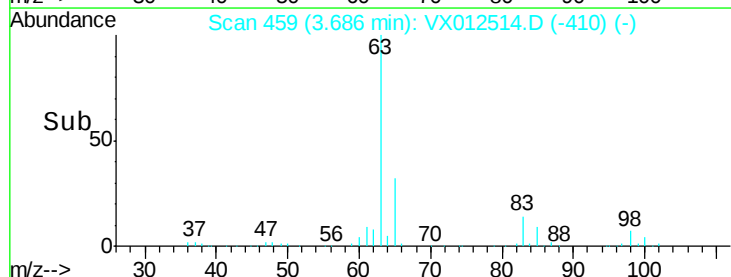
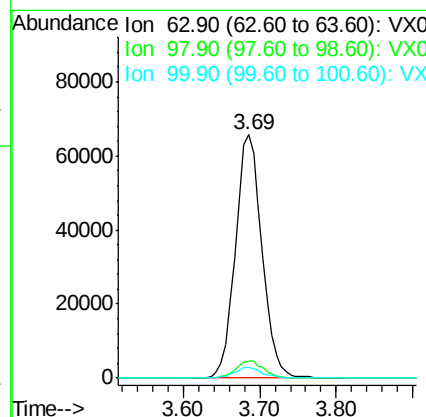
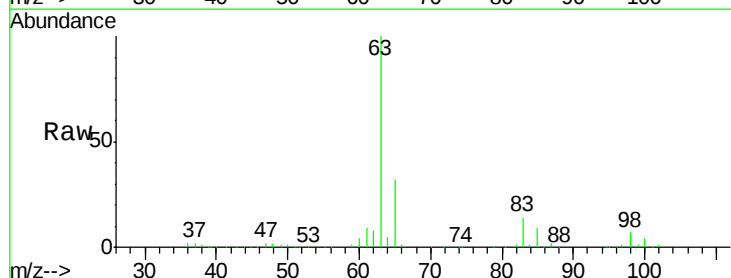
Tgt Ion: 63 Resp: 157568

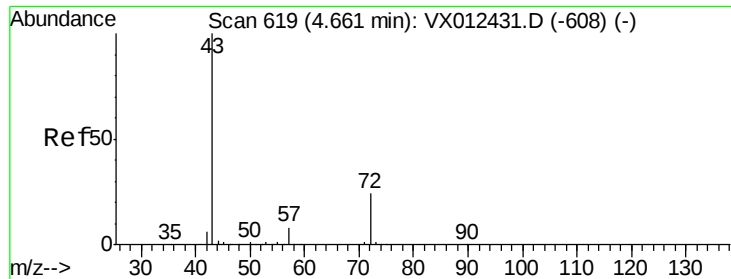
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 254.874 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 43 Resp: 426571

Ion Ratio Lower Upper

43 100

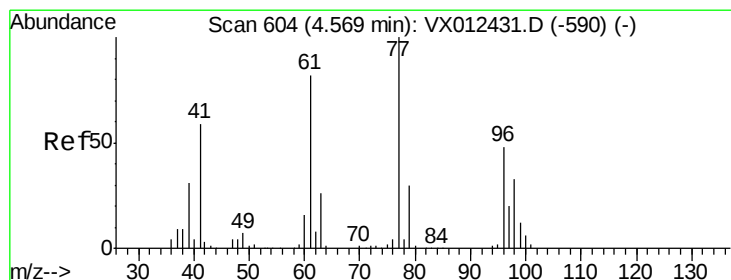
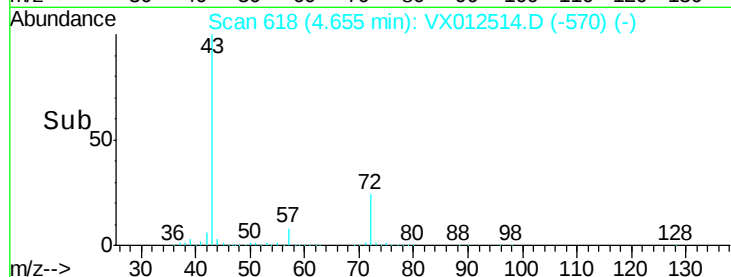
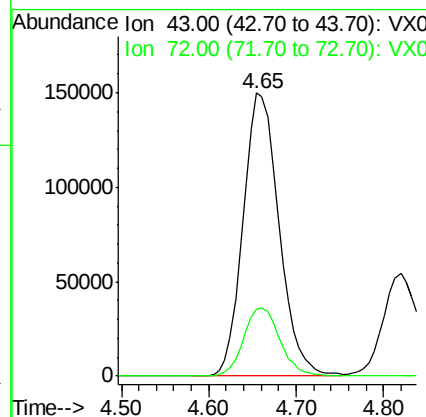
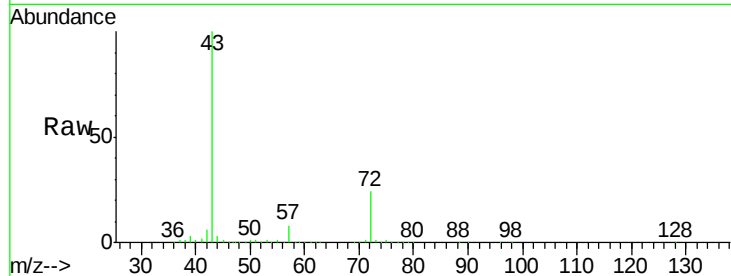
72 23.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 31.870 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012514.D

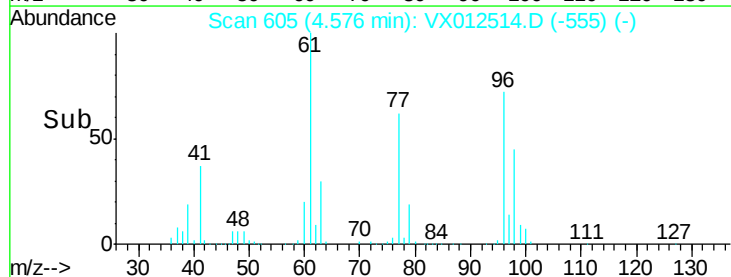
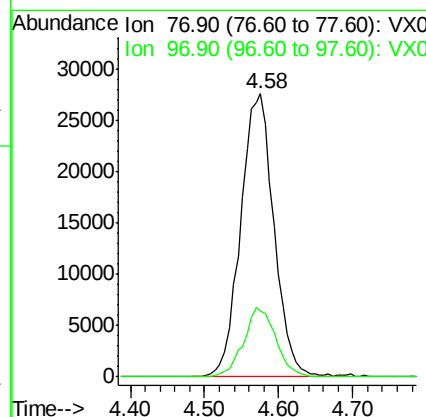
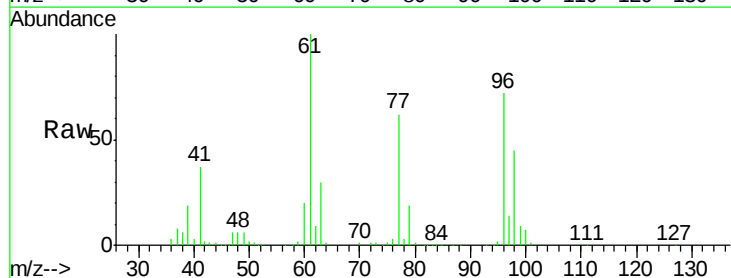
Acq: 19 Sep 2019 07:44

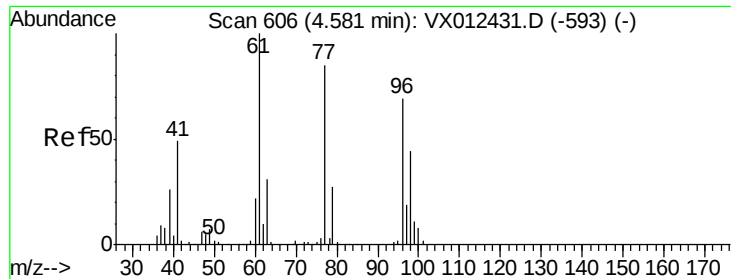
Tgt Ion: 77 Resp: 86525

Ion Ratio Lower Upper

77 100

97 23.7 10.5 31.6





#27

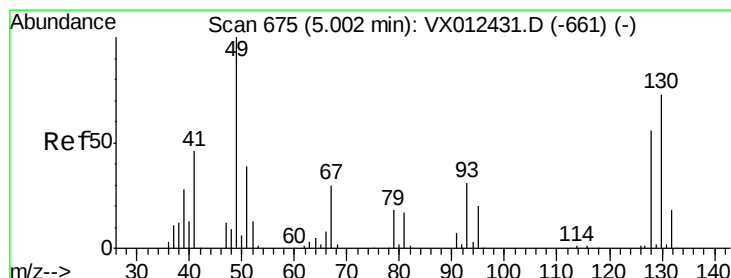
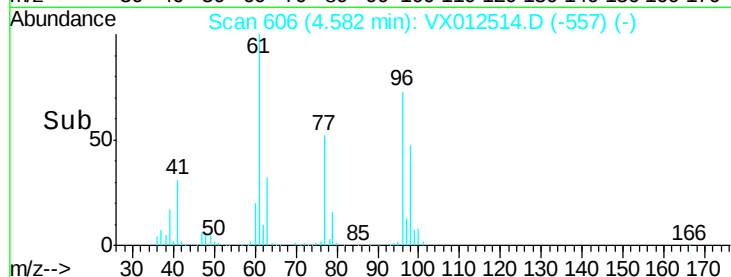
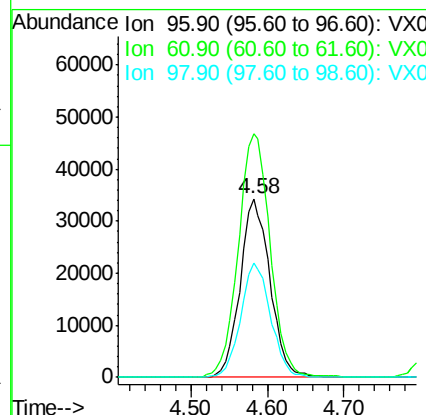
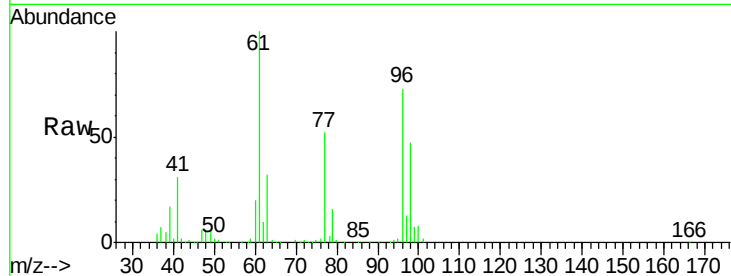
cis-1,2-Dichloroethene
Concen: 56.420 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	319.4
98	64.4	0.0	130.6

Manual Integrations
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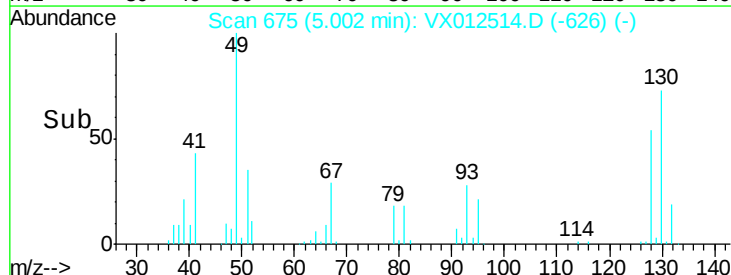
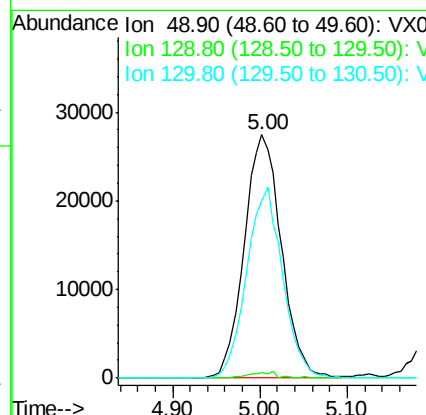
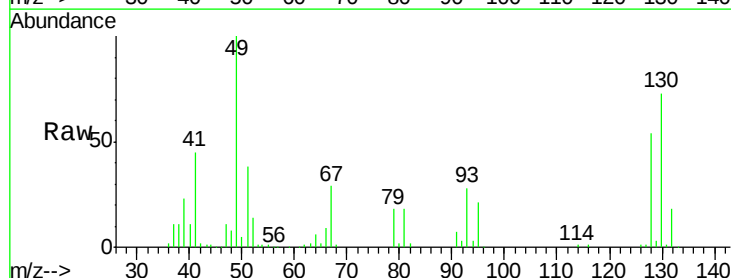
MMDadoda
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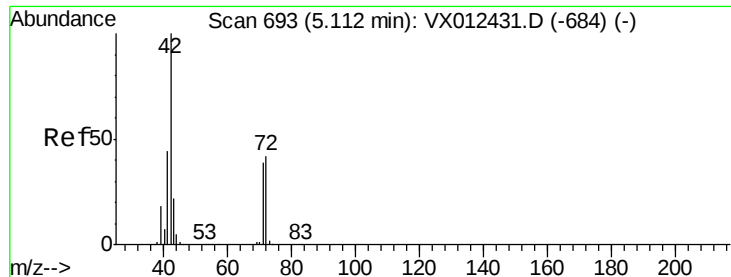


#28

Bromochloromethane
Concen: 57.153 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.8	58.2	87.4





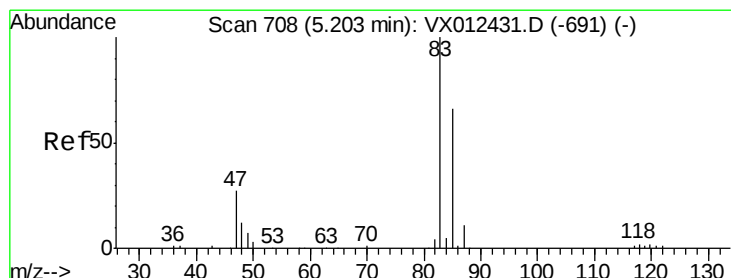
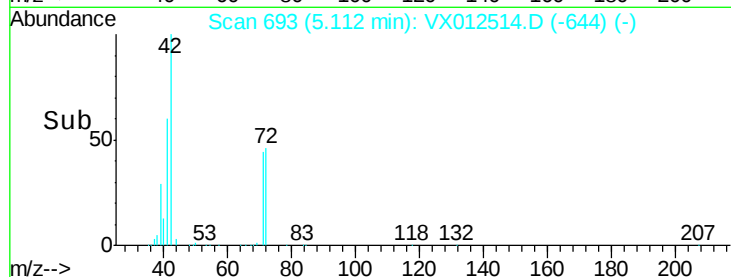
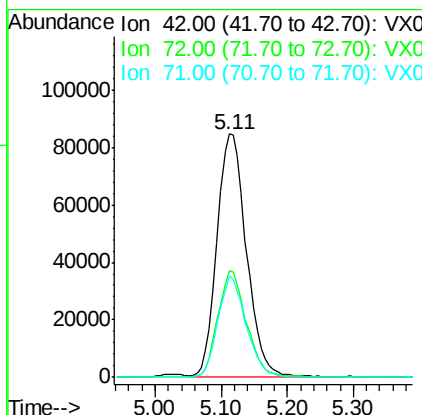
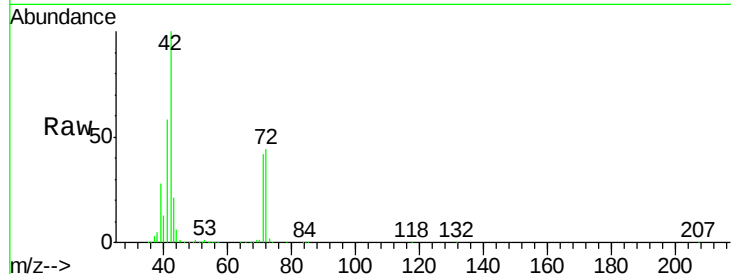
#29
Tetrahydrofuran
Concen: 282.212 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.0	51.0
71	39.8	31.5	47.3

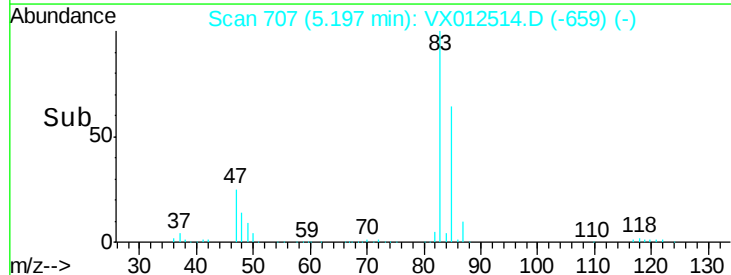
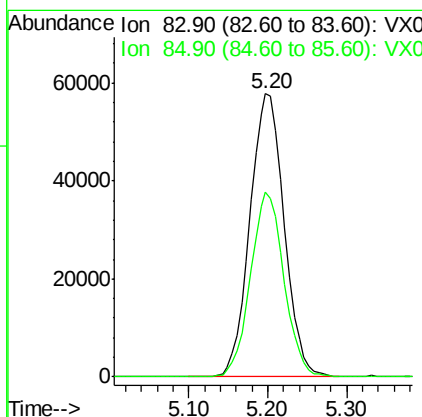
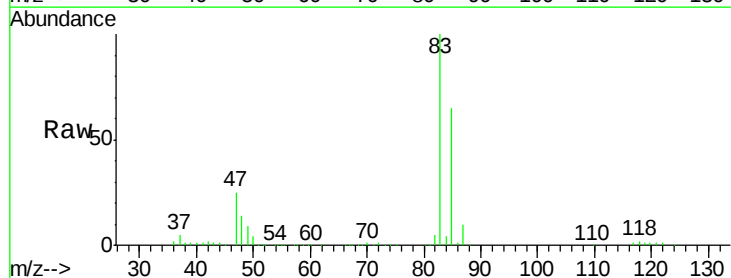
Manual Integrations
APPROVED

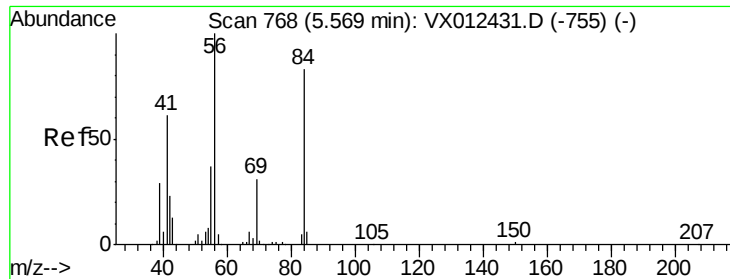
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#30
Chloroform
Concen: 55.038 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.0	79.4





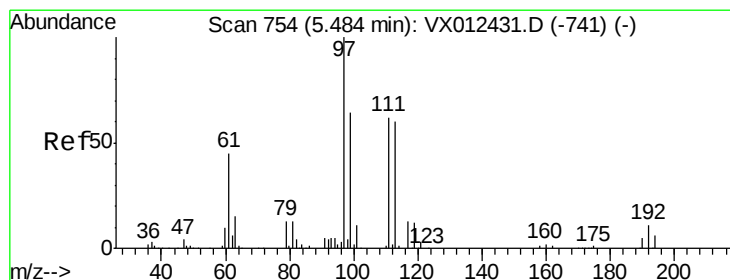
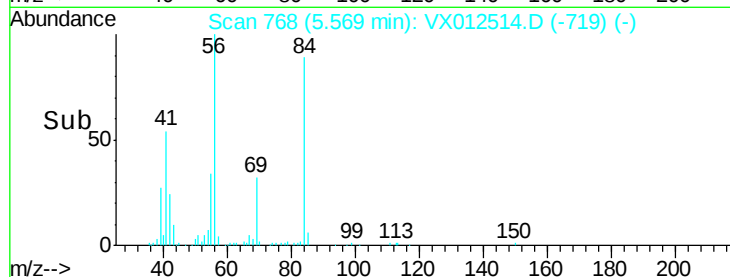
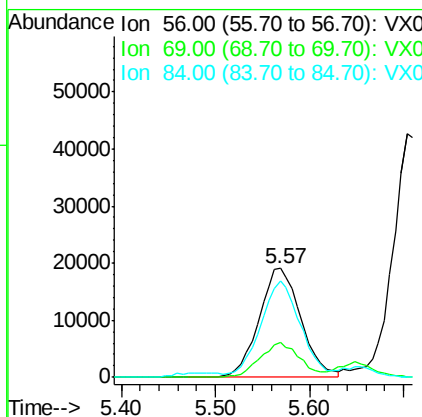
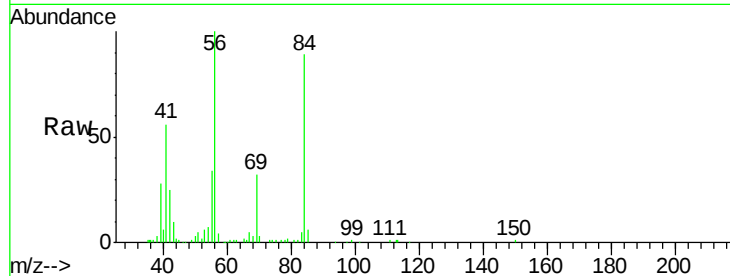
#31
Cyclohexane
Concen: 35.572 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.0	37.6
84	84.6	66.4	99.6

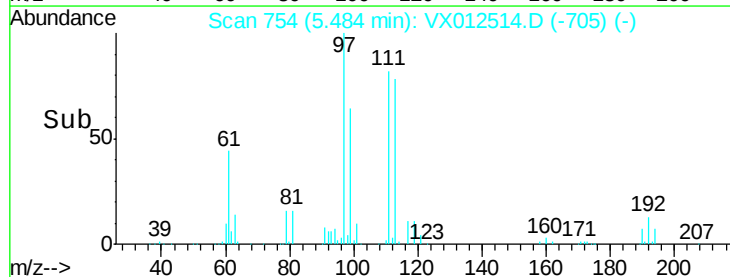
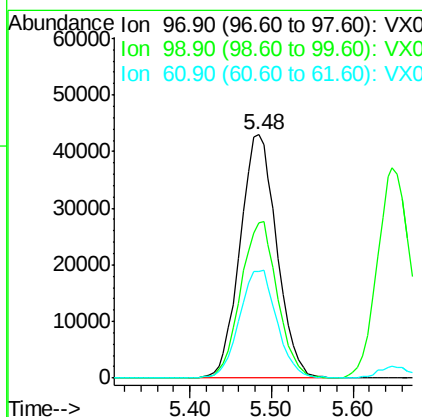
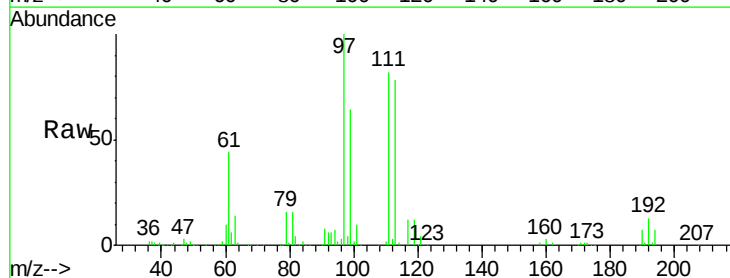
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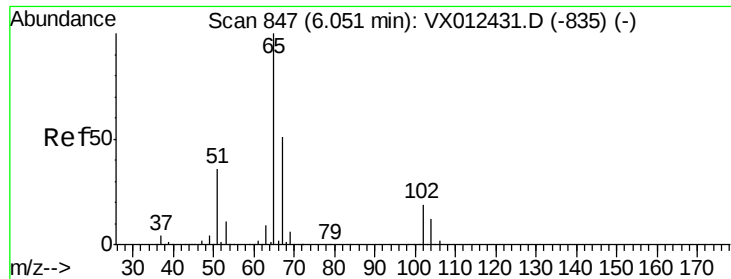
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.620 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	45.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 55.477 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 65 Resp: 133854

Ion Ratio Lower Upper

65 100

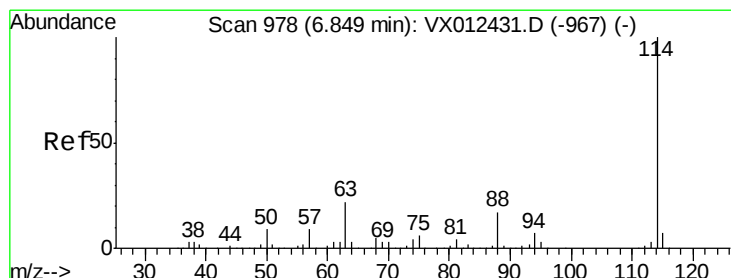
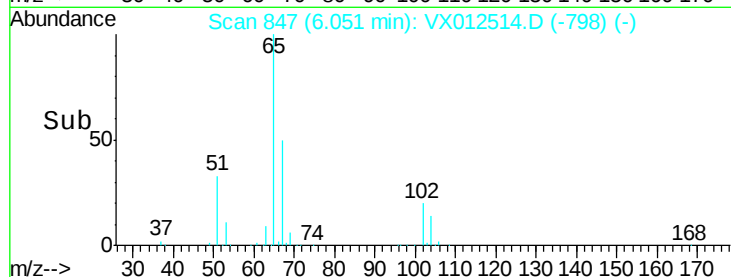
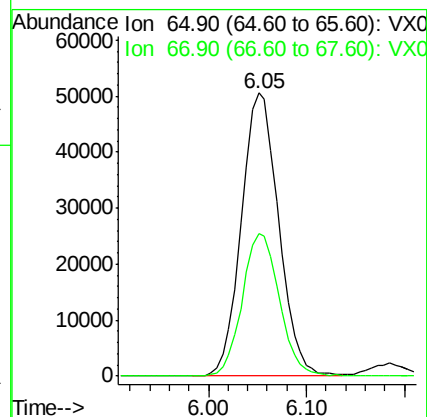
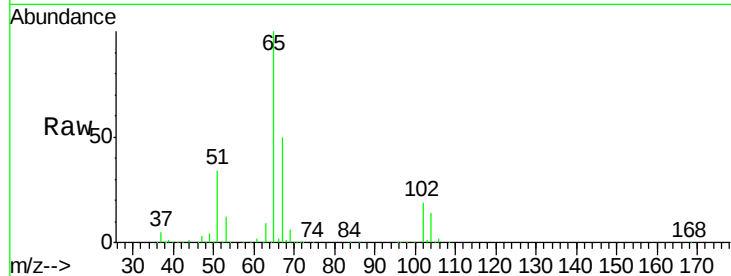
67 49.9 0.0 101.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

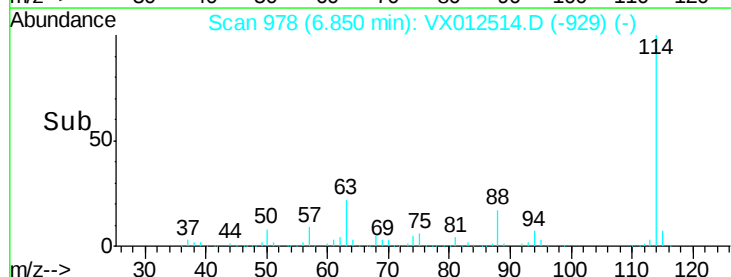
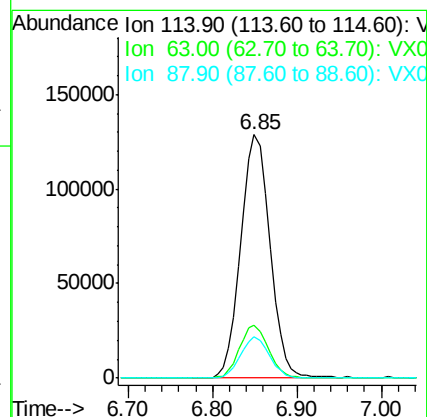
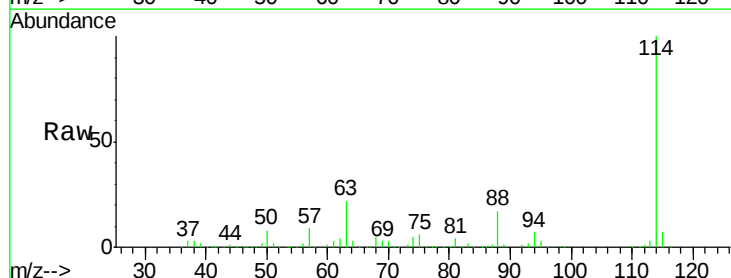
Tgt Ion: 114 Resp: 303019

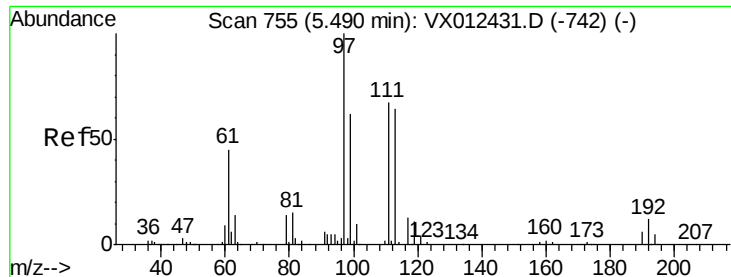
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 17.1 0.0 33.2





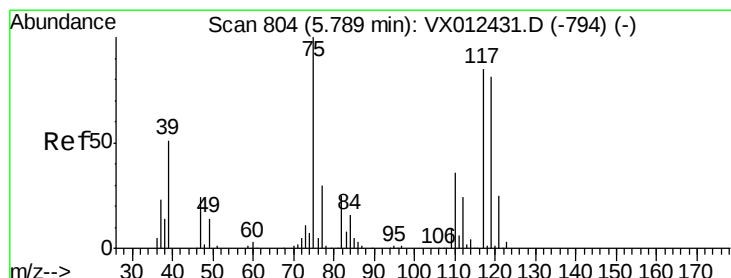
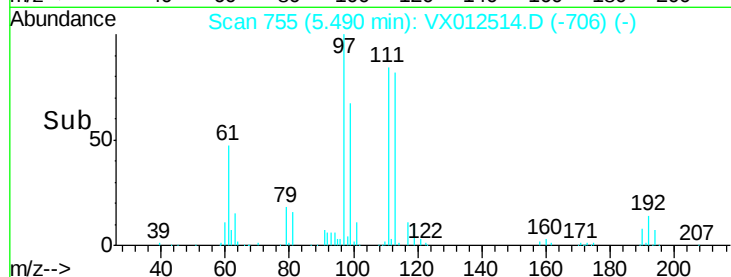
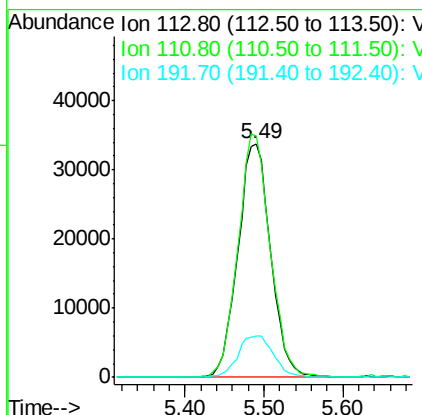
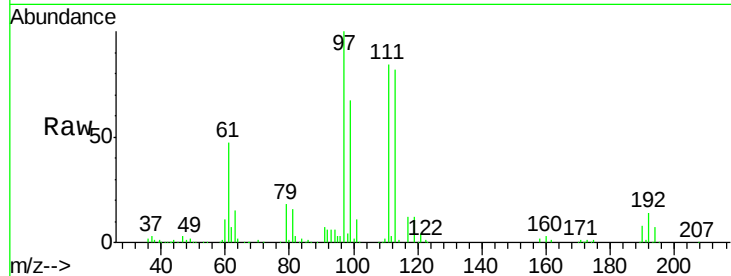
#35
Dibromofluoromethane
Concen: 53.210 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	97590		
111	102.3	83.4	125.2	
192	19.2	14.4	21.6	

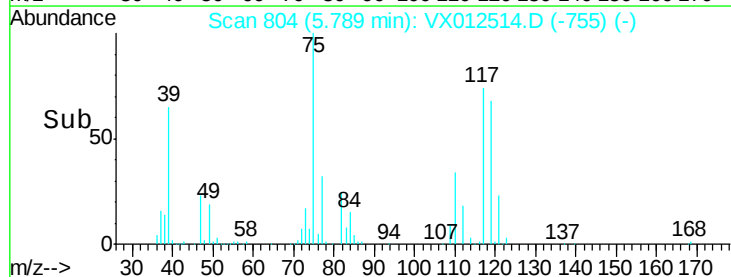
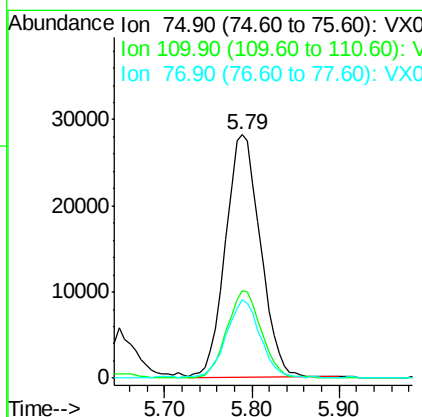
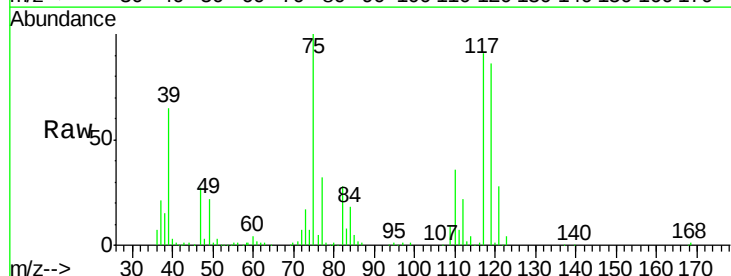
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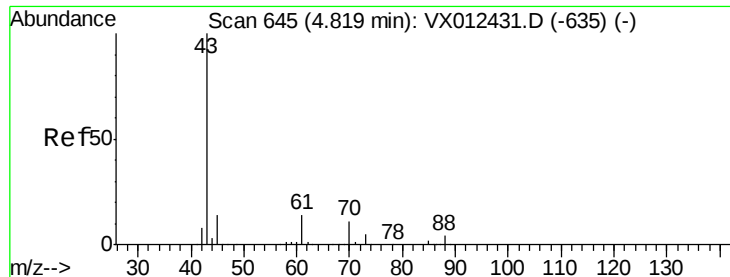
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#36
1,1-Dichloropropene
Concen: 42.315 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77927		
110	35.8	16.7	50.0	
77	31.8	24.2	36.2	





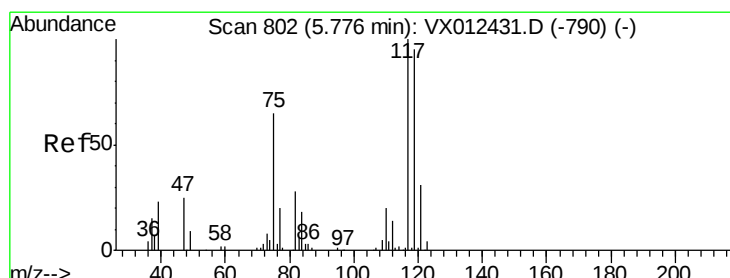
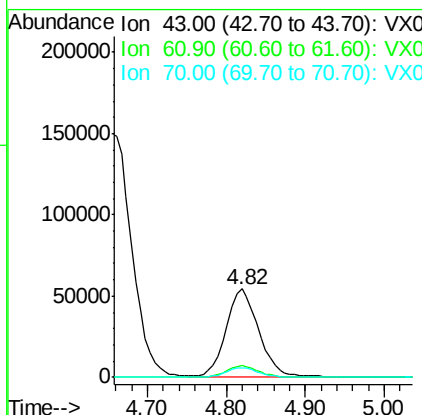
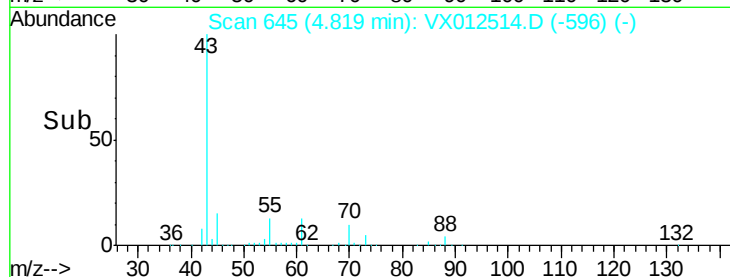
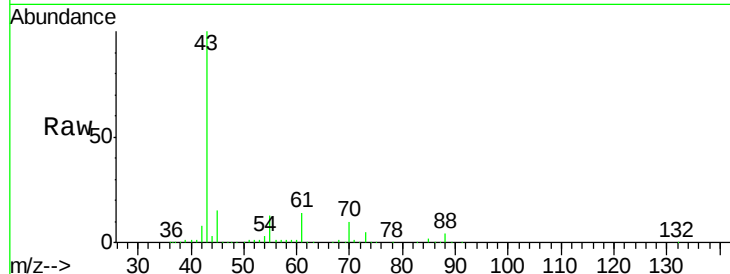
#37
Ethyl Acetate
Concen: 55.430 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	43	Resp	156692
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.2	15.4
70	10.9	8.7	13.1

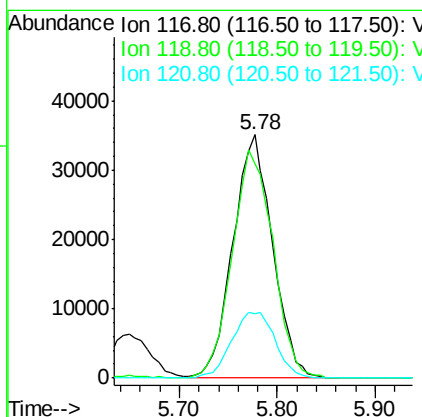
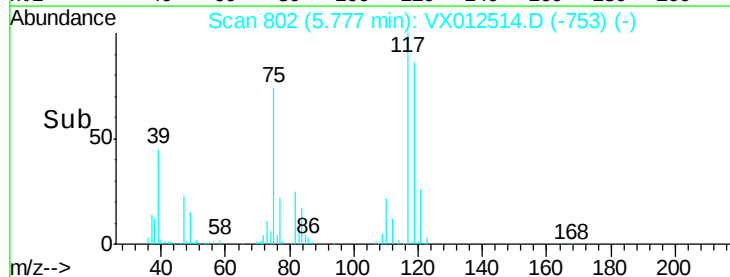
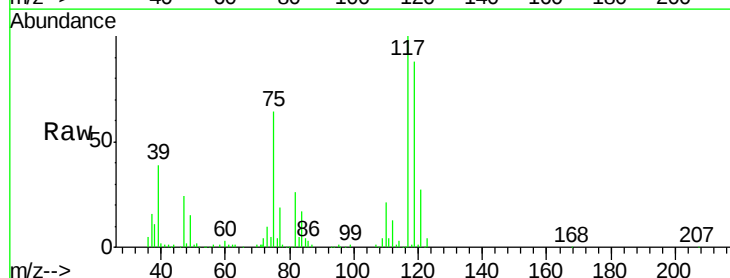
Manual Integrations
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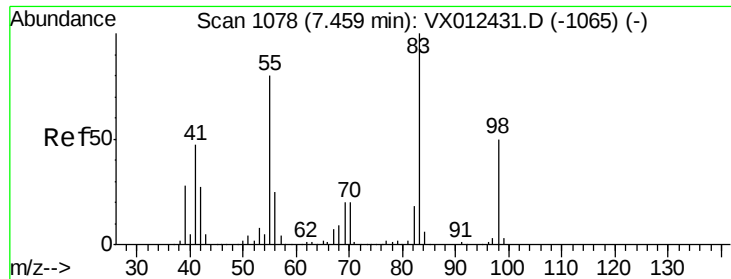
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#38
Carbon Tetrachloride
Concen: 42.914 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	117	Resp	98293
Ion Ratio	Lower	Upper	
117	100		
119	87.9	75.7	113.5
121	26.7	24.2	36.4





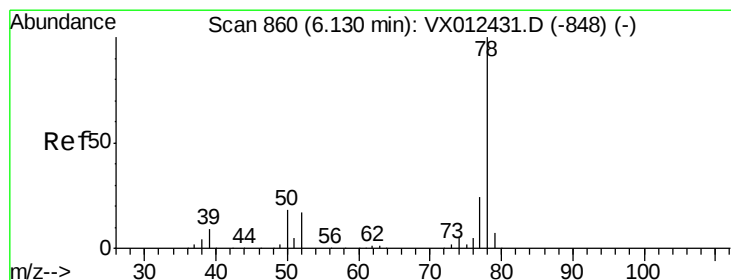
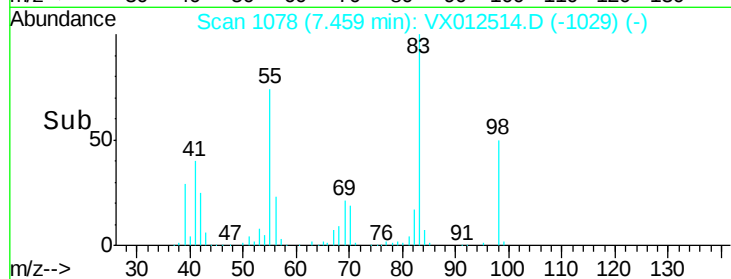
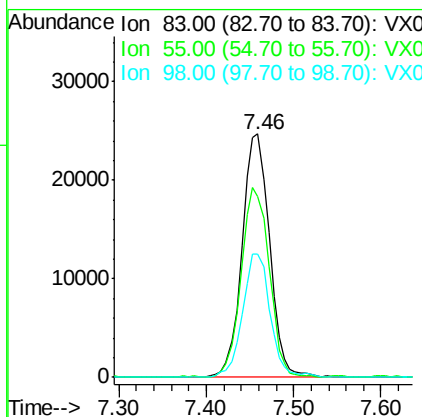
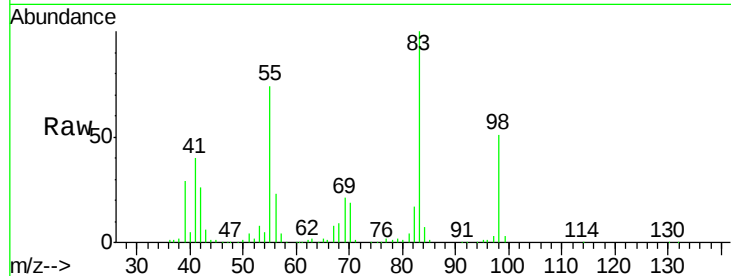
#39
Methylvlcyclohexane
Concen: 30.245 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	64.4	96.6
98	50.8	40.1	60.1

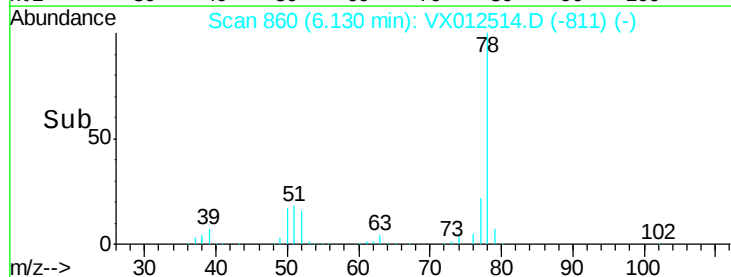
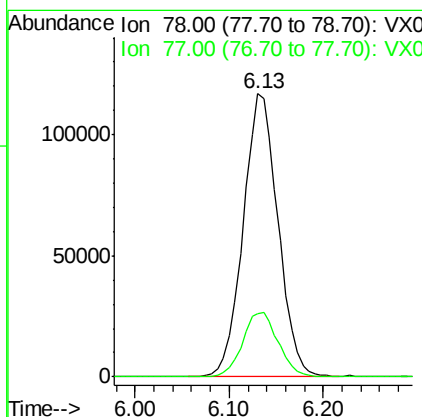
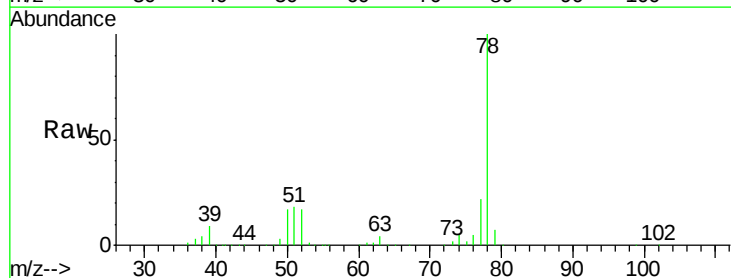
Manual Integrations
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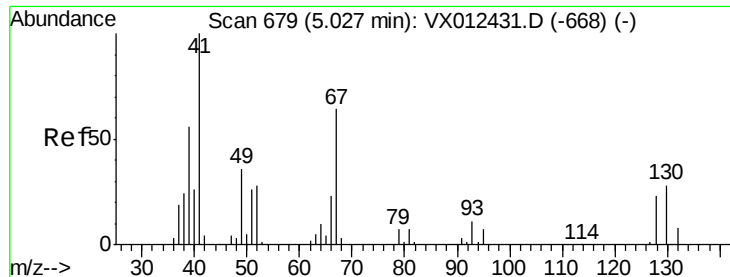
MMDadoda
9/19/2019 1:07:31 PM



#40
Benzene
Concen: 51.696 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.2	28.8





#41

Methacrylonitrile

Concen: 51.304 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

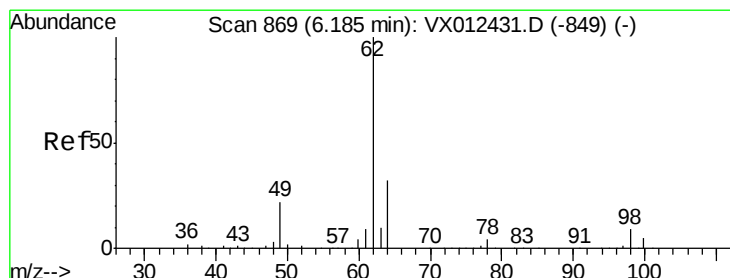
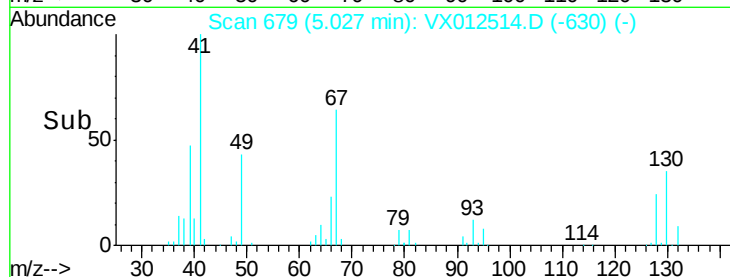
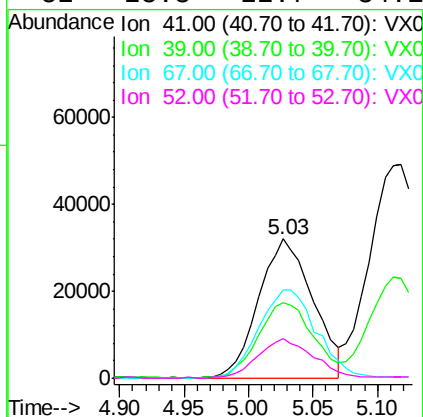
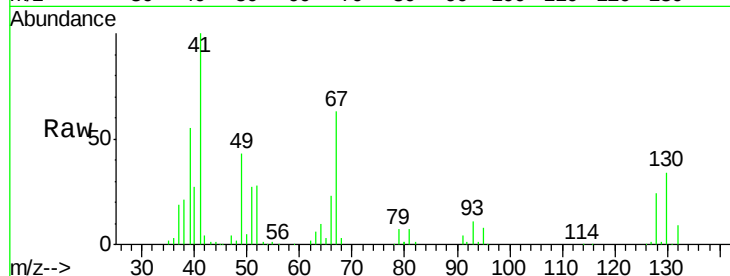
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	41	Resp:	93384
Ion Ratio	Lower	Upper	
41	100		
39	54.7	46.0	69.0
67	68.3	52.2	78.2
52	28.3	22.7	34.1

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#42

1,2-Dichloroethane

Concen: 52.679 ug/l

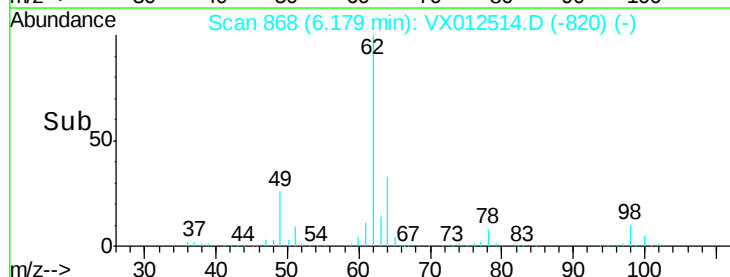
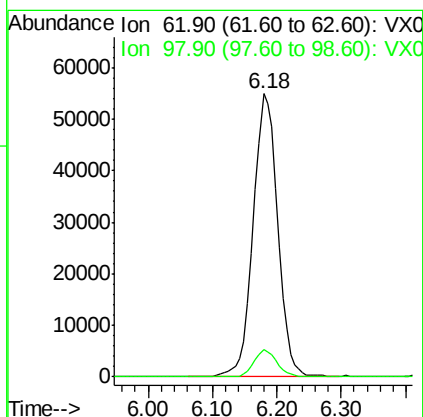
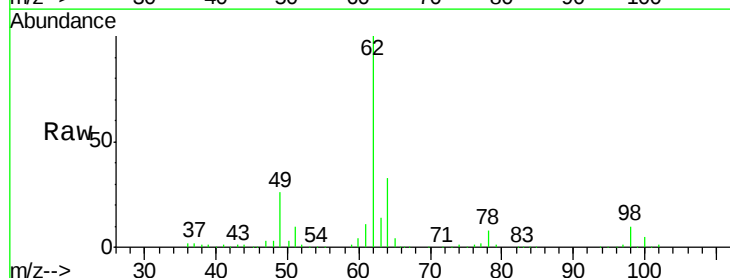
RT: 6.18 min Scan# 868

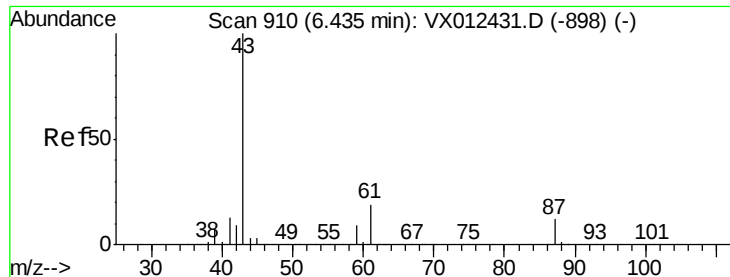
Delta R.T. -0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion:	62	Resp:	143085
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	17.8





#43

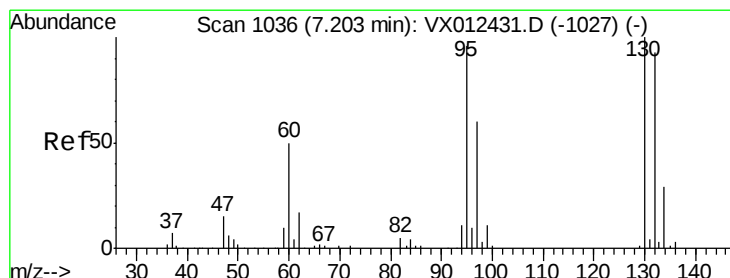
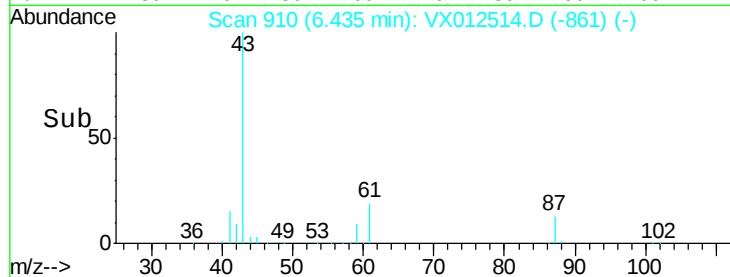
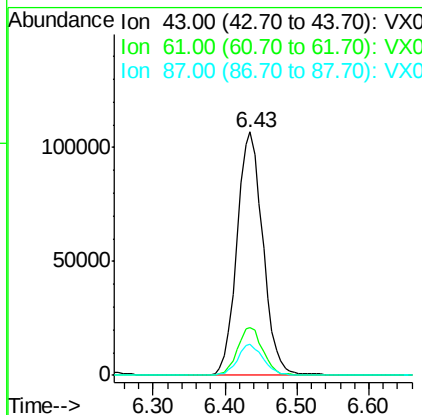
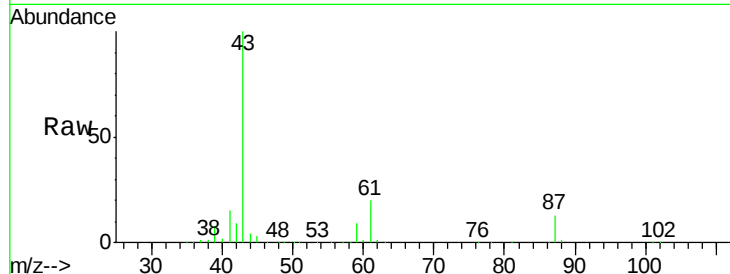
Isopropyl Acetate
 Concen: 52.423 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.7	9.8	14.8

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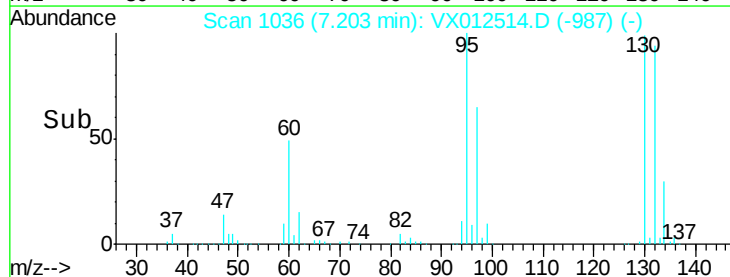
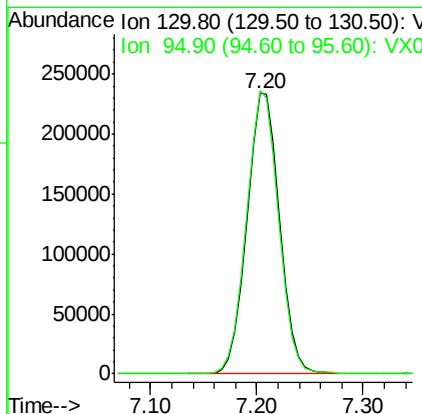
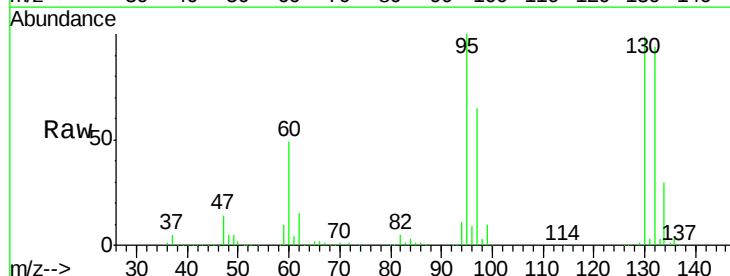
MMDadoda
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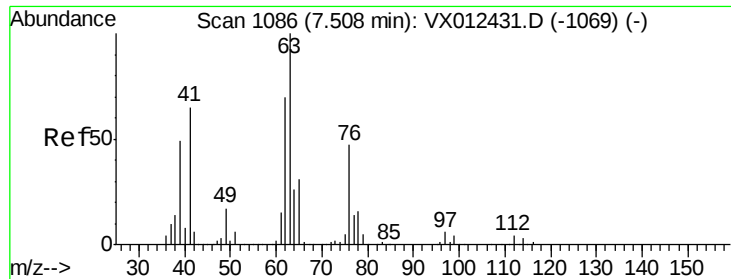


#44

Trichloroethene
 Concen: 326.366 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	193.0





#45

1,2-Dichloropropane

Concen: 52.443 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 63 Resp: 94355

Ion Ratio Lower Upper

63 100

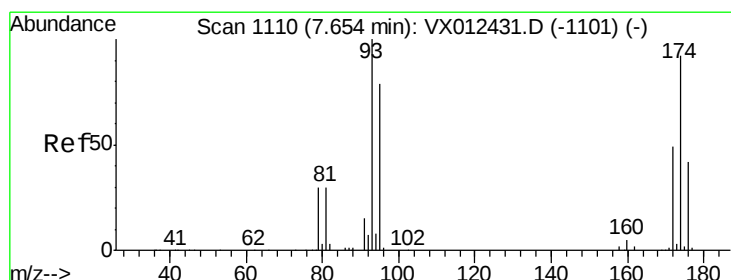
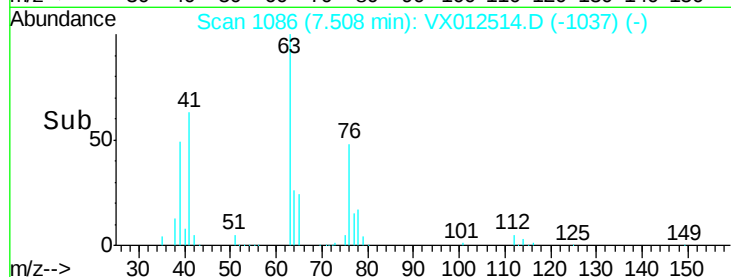
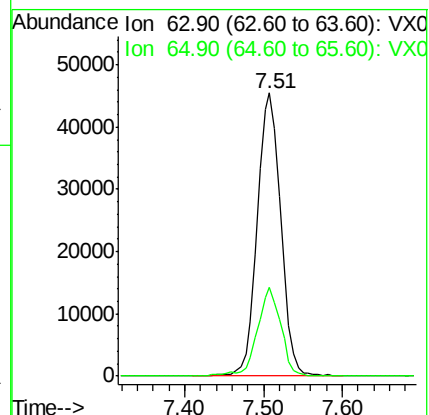
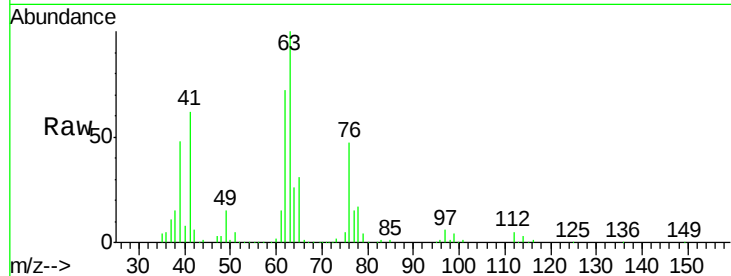
65 31.2 25.0 37.6

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#46

Dibromomethane

Concen: 54.754 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

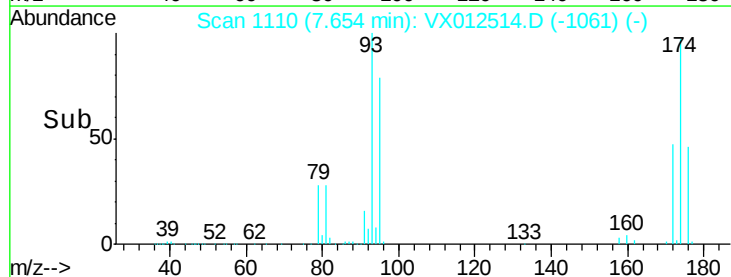
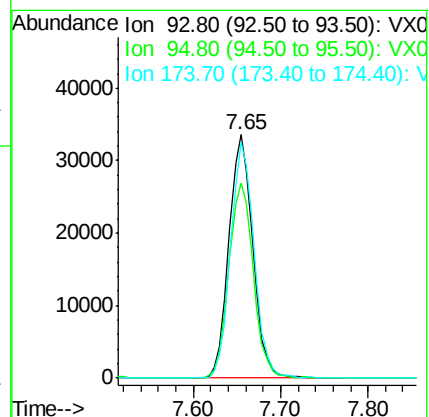
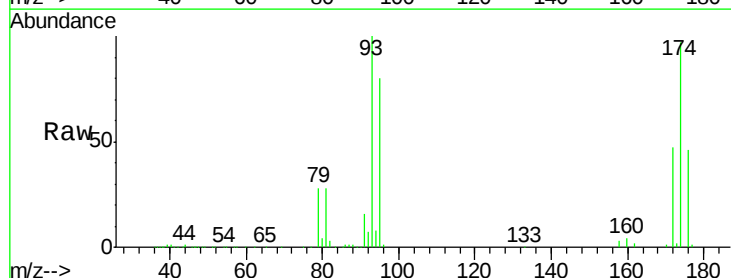
Tgt Ion: 93 Resp: 63750

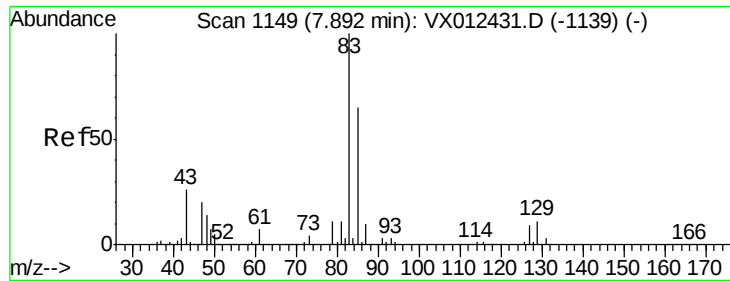
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 95.6 77.4 116.0





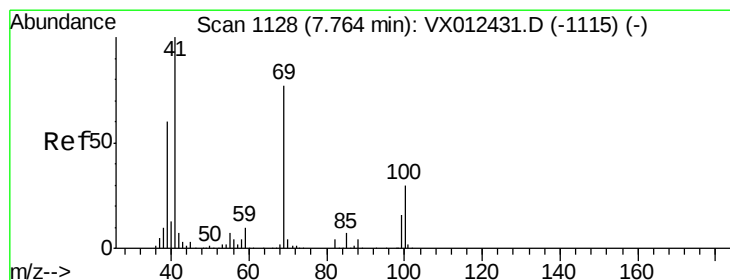
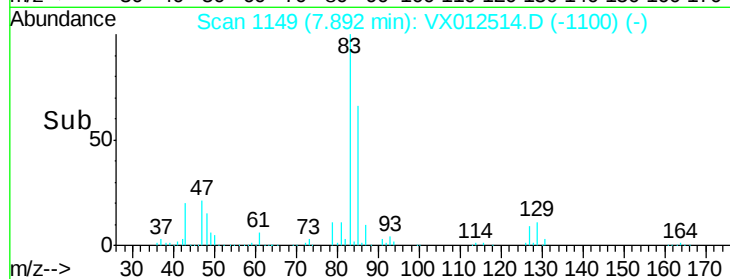
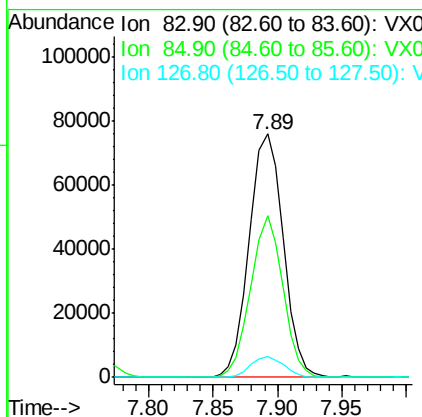
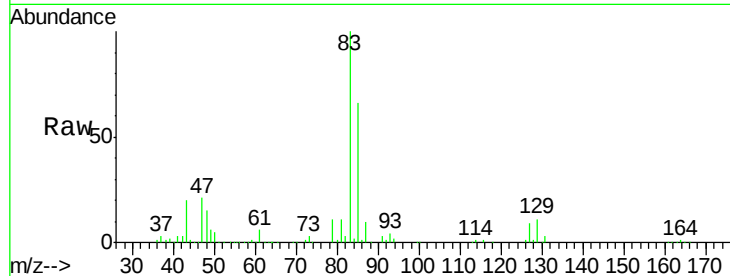
#47
Bromodichloromethane
Concen: 53.667 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	139127		
85	66.1	51.8	77.6	
127	8.5	7.3	10.9	

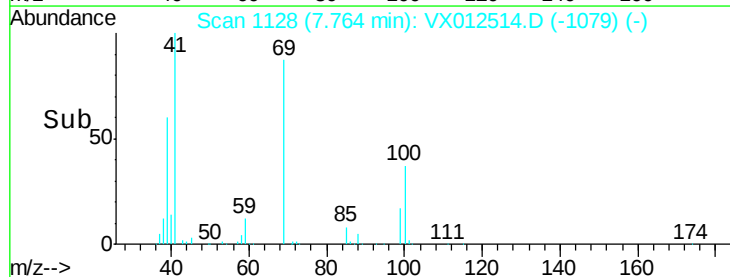
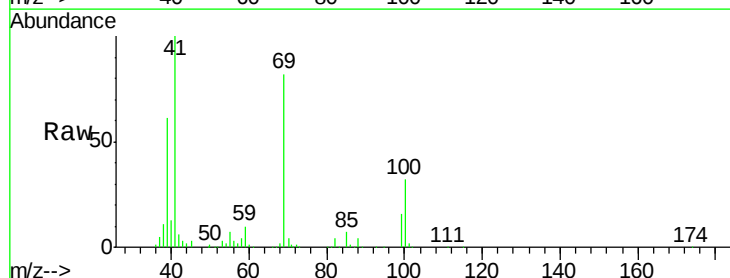
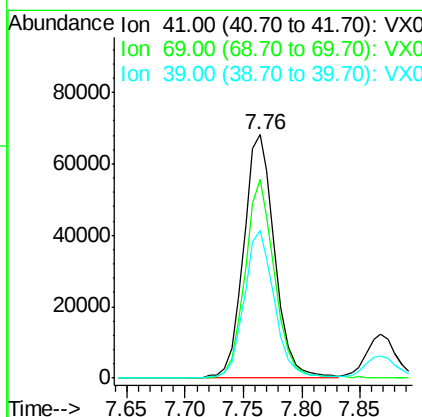
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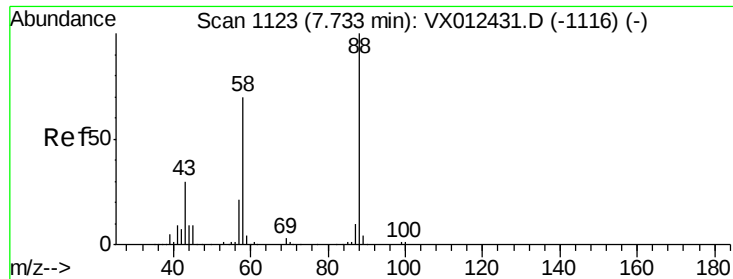
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#48
Methyl methacrylate
Concen: 52.352 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	125210		
69	78.5	59.9	89.9	
39	59.4	47.8	71.6	





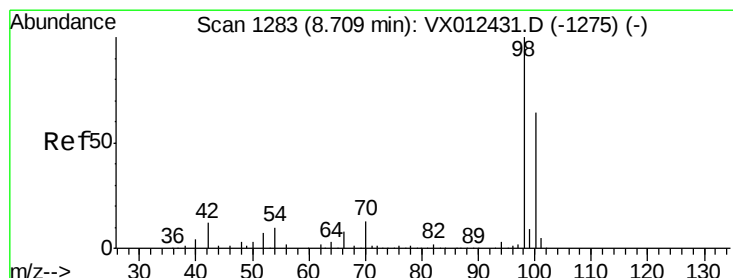
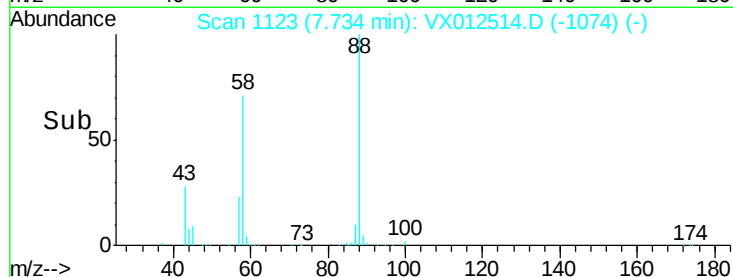
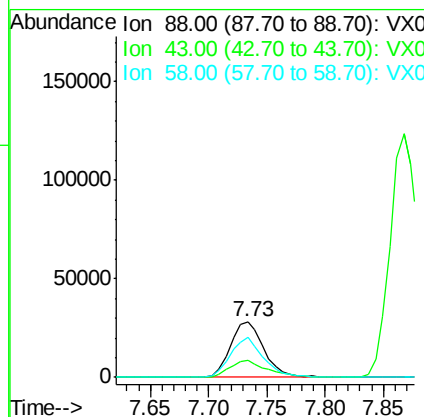
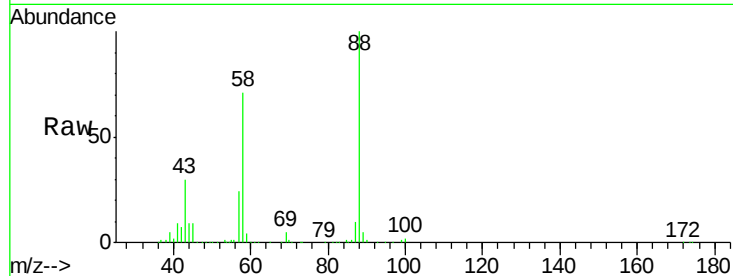
#49
1,4-Dioxane
Concen: 966.543 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	29.4	44.0
58	71.1	57.5	86.3

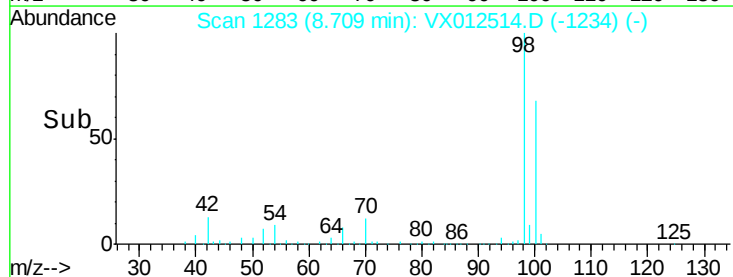
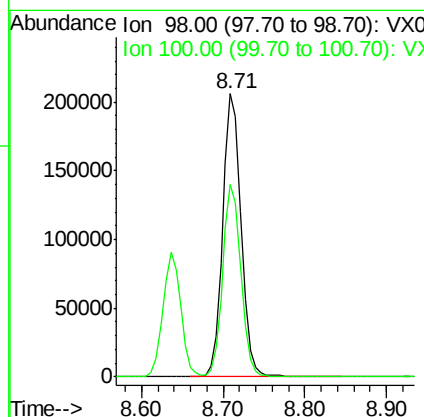
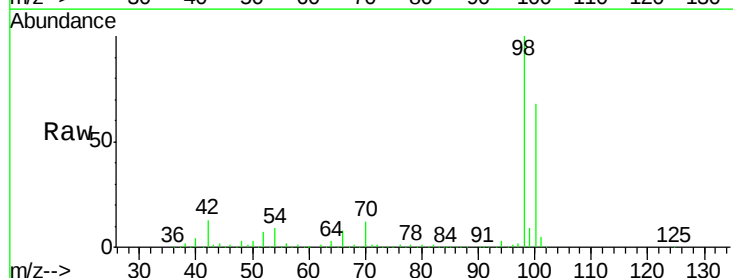
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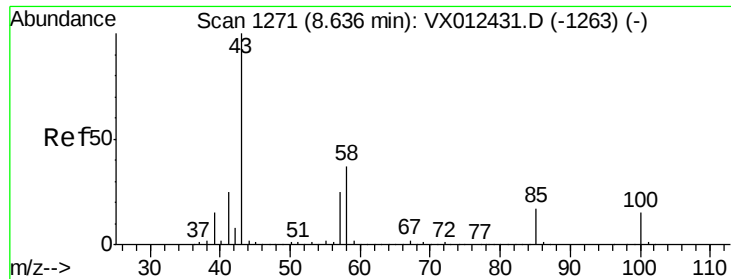
MMDadoda
9/19/2019 1:07:31 PM



#50
Toluene-d8
Concen: 47.714 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 258.798 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 43 Resp: 861095

Ion Ratio Lower Upper

43 100

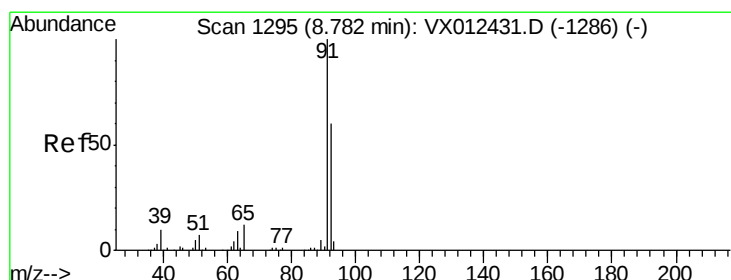
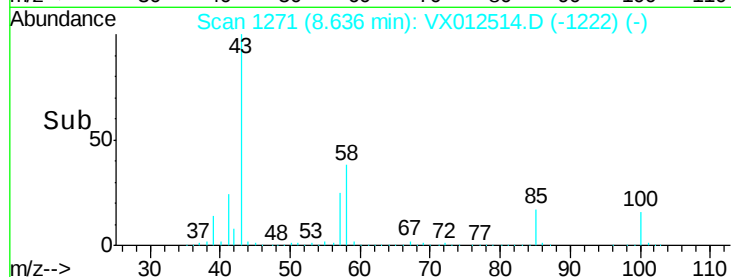
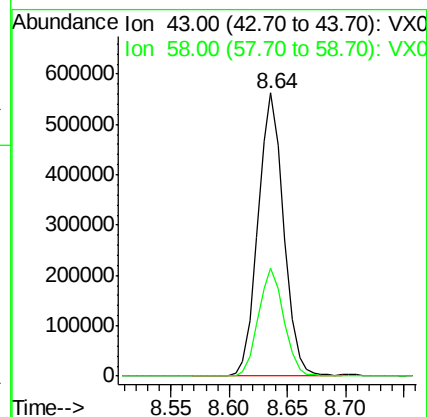
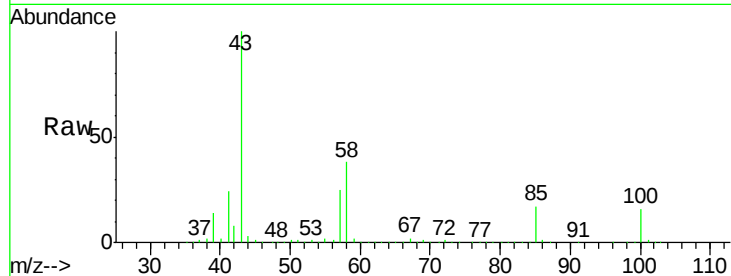
58 37.9 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 48.891 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012514.D

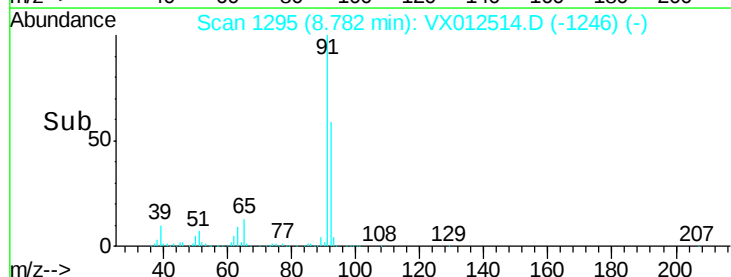
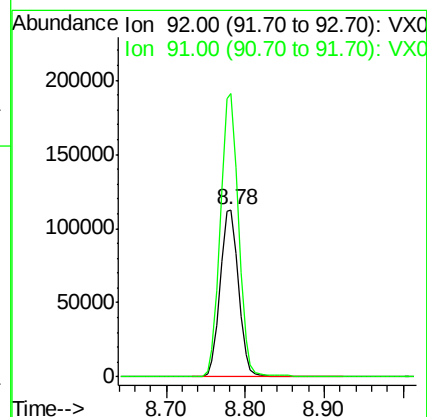
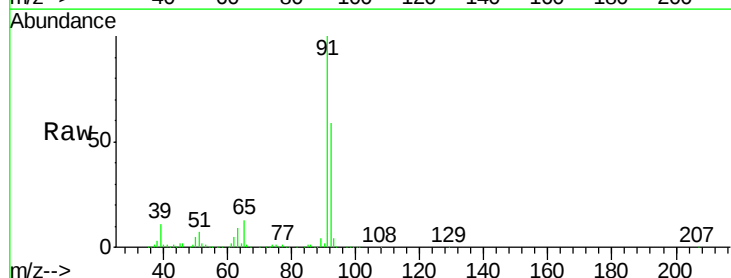
Acq: 19 Sep 2019 07:44

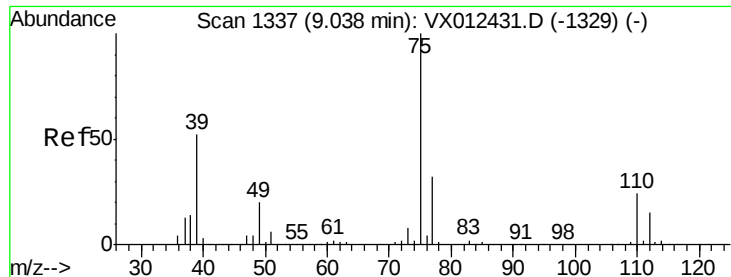
Tgt Ion: 92 Resp: 184493

Ion Ratio Lower Upper

92 100

91 167.7 135.4 203.0





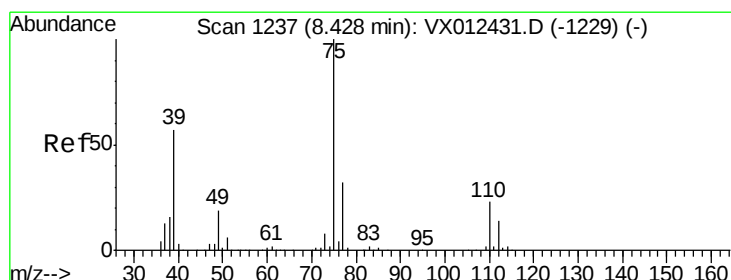
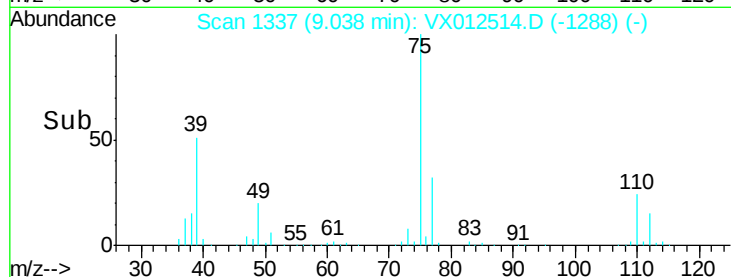
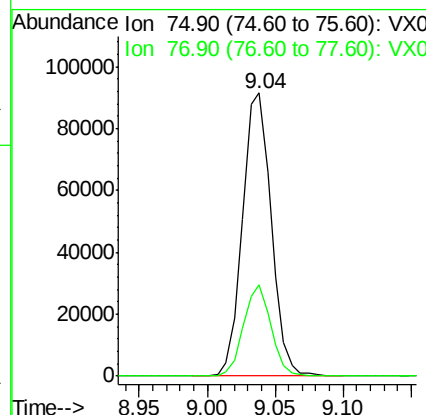
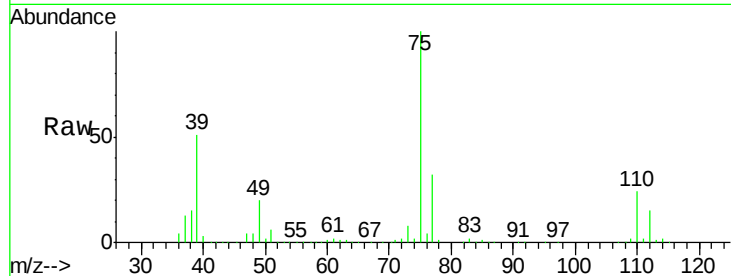
#53
 t-1,3-Dichloropropene
 Concen: 50.212 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleID :
 RE122D2-20190909MSD

Tot Ion: 75 Resp: 135312
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8

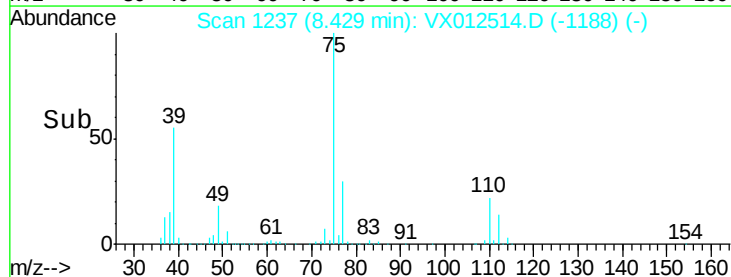
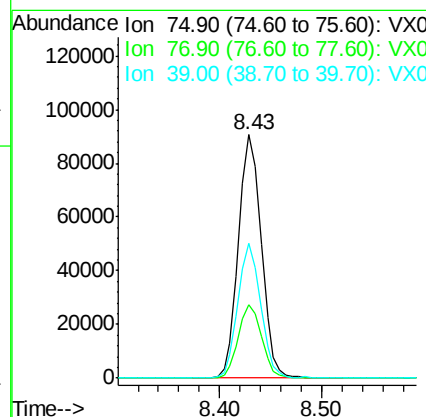
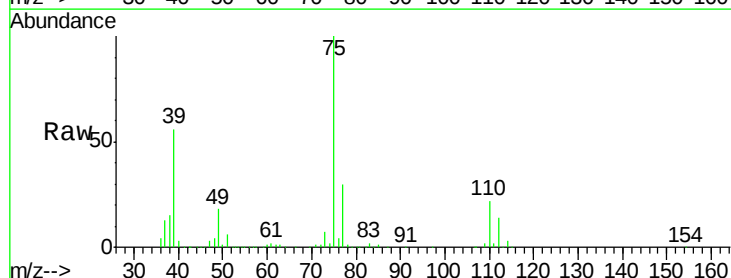
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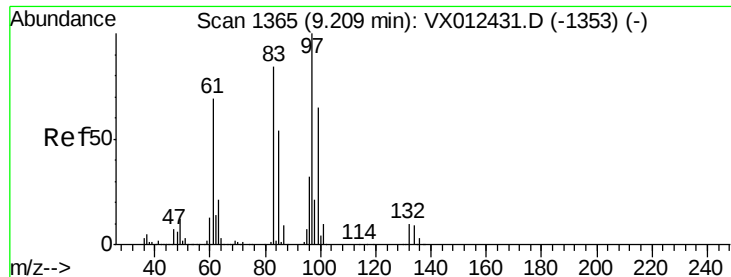
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 9/19/2019 1:07:31 PM



#54
 cis-1,3-Dichloropropene
 Concen: 50.328 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 75 Resp: 140409
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.8
 39 55.4 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 53.141 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

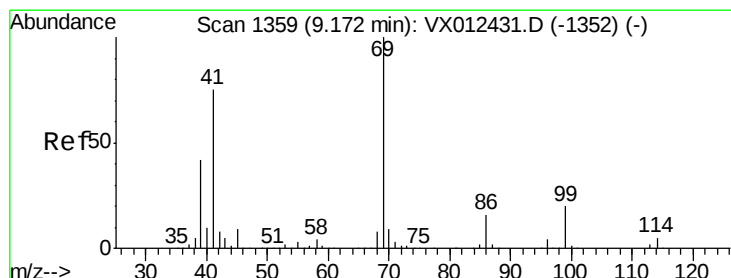
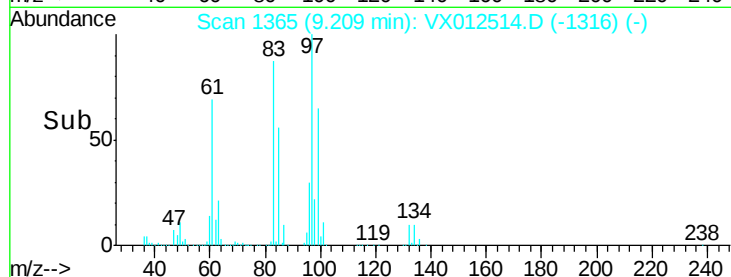
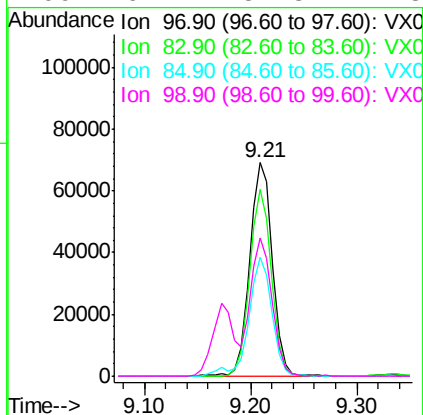
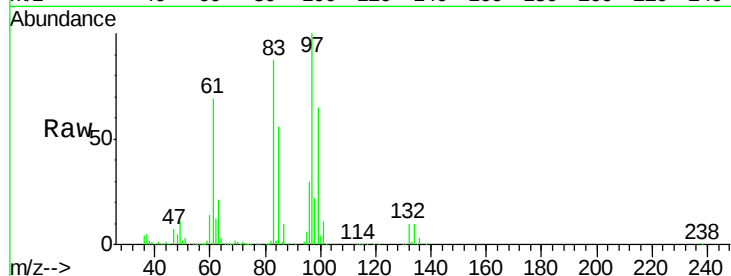
ClientSampleId :

RE122D2-20190909MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		103312		
83	87.3	67.4	101.2		
85	55.6	43.5	65.3		
99	64.7	51.8	77.8		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 54.650 ug/l

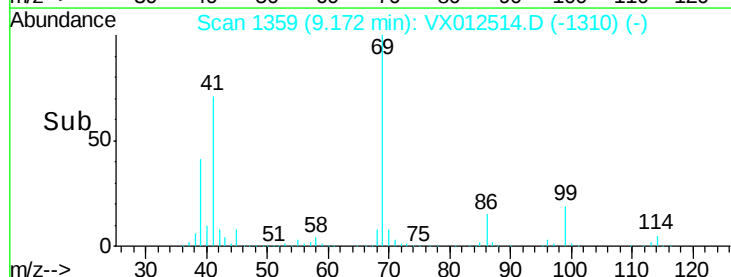
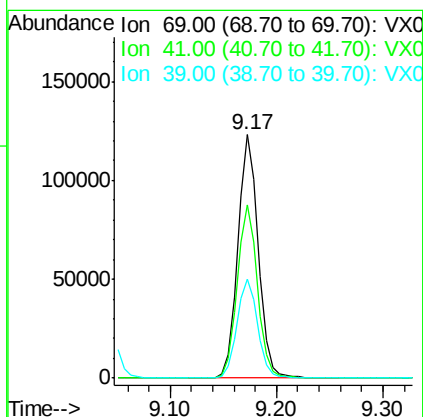
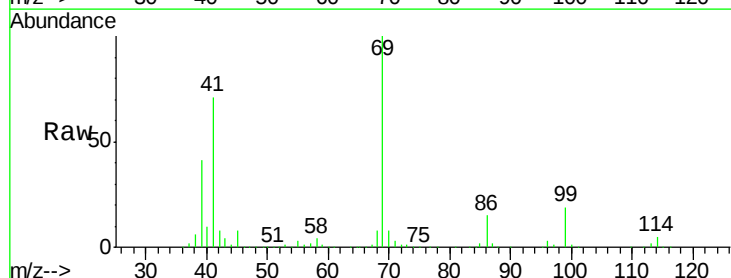
RT: 9.17 min Scan# 1359

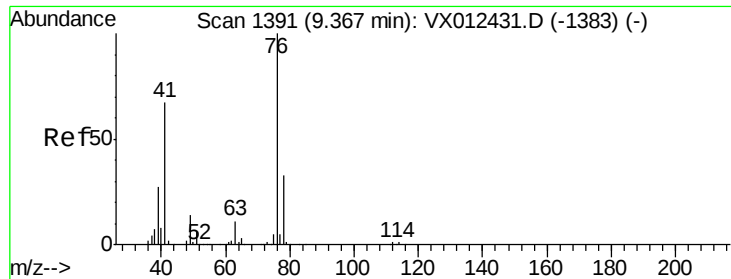
Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		166116		
41	70.8	58.4	87.6		
39	40.8	33.4	50.0		





#57

1,3-Dichloropropane

Concen: 53.791 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 76 Resp: 166852

Ion Ratio Lower Upper

76 100

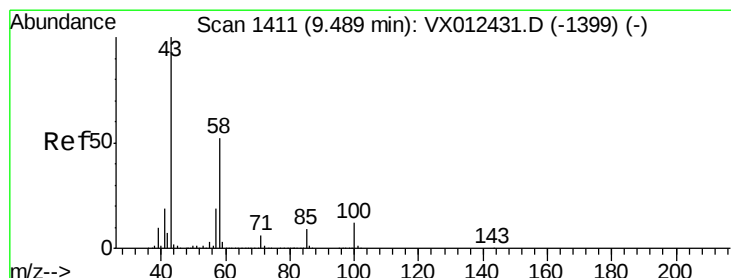
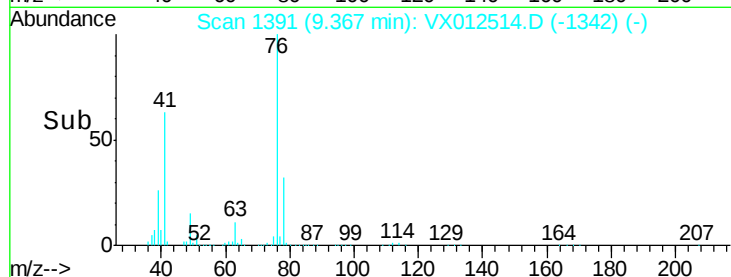
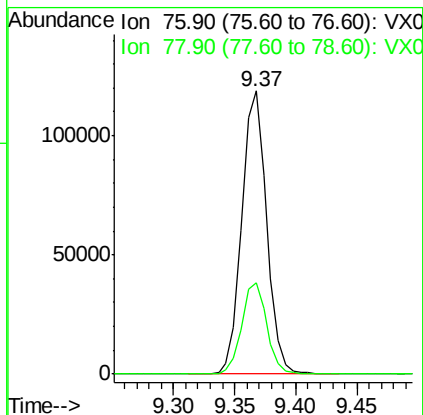
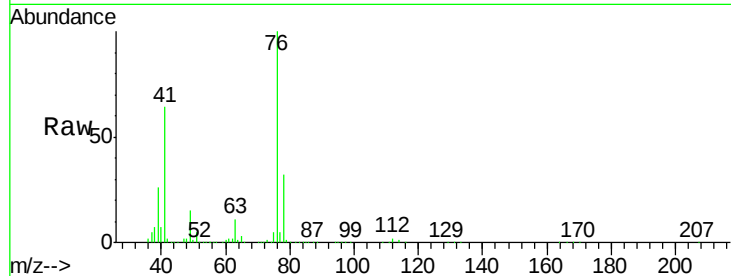
78 32.5 26.2 39.2

Manual Integrations

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#59

2-Hexanone

Concen: 252.839 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012514.D

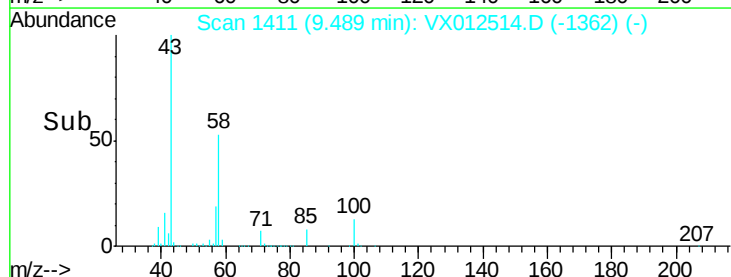
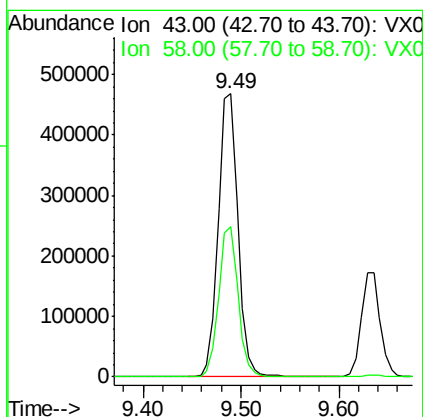
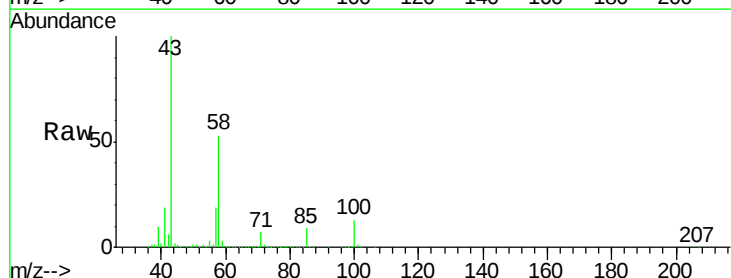
Acq: 19 Sep 2019 07:44

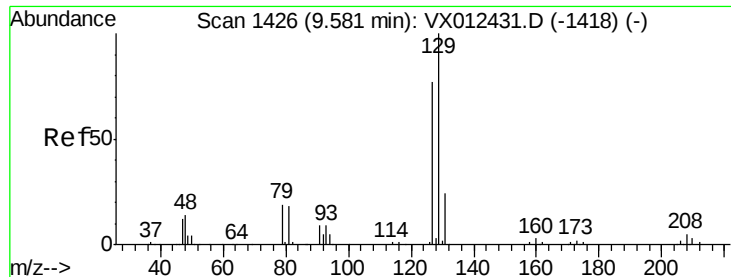
Tgt Ion: 43 Resp: 656328

Ion Ratio Lower Upper

43 100

58 52.2 25.7 77.1





#60

Dibromochloromethane

Concen: 56.374 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion:129 Resp: 111638

Ion Ratio Lower Upper

129 100

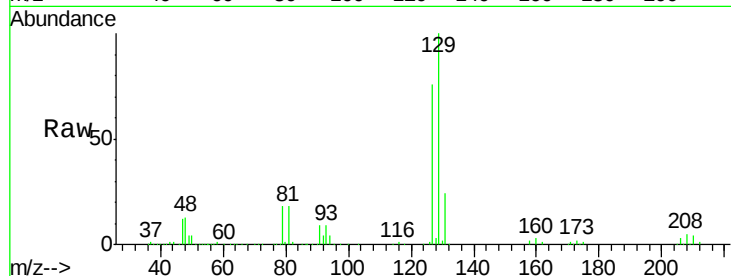
127 77.0 38.9 116.6

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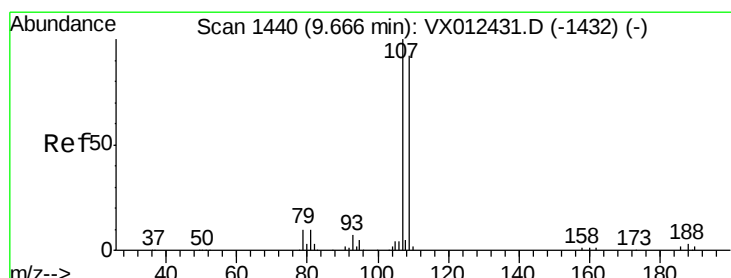
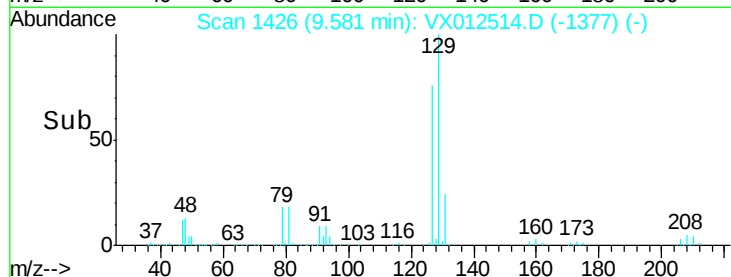
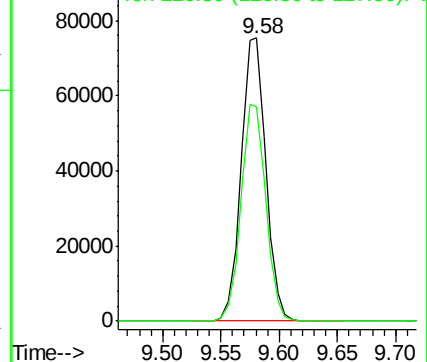
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.814 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012514.D

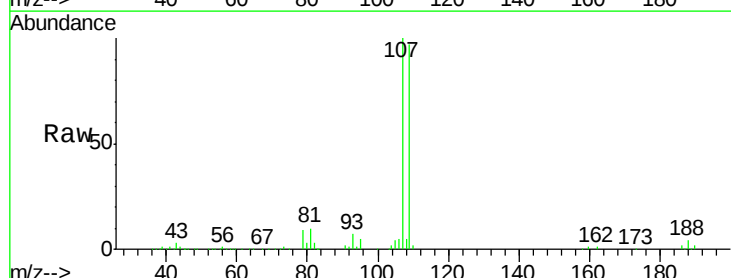
Acq: 19 Sep 2019 07:44

Tgt Ion:107 Resp: 97326

Ion Ratio Lower Upper

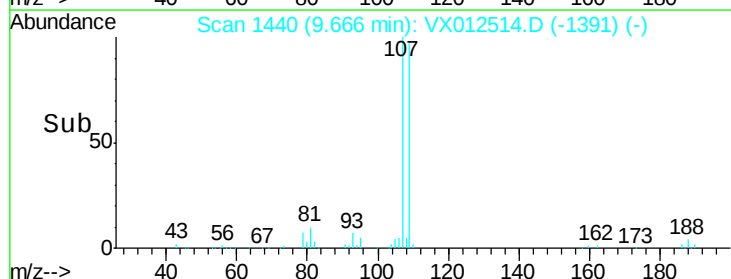
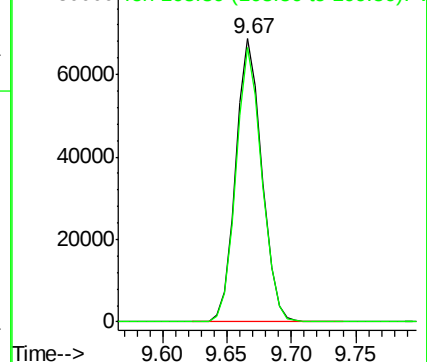
107 100

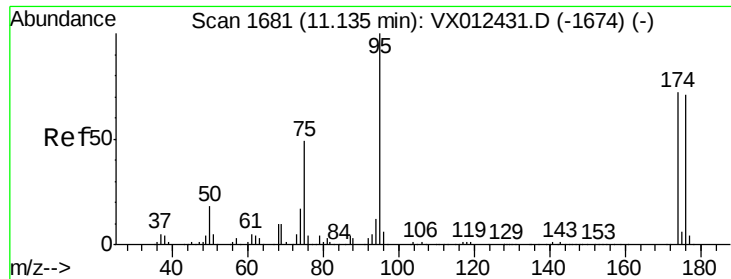
109 96.3 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





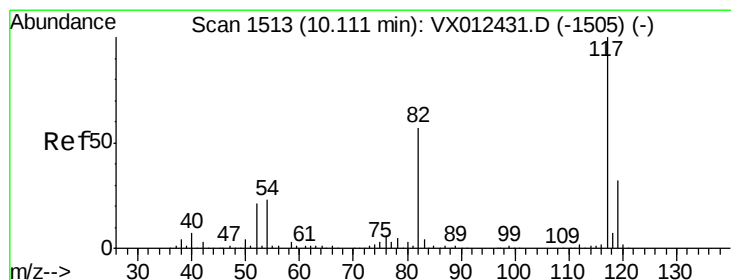
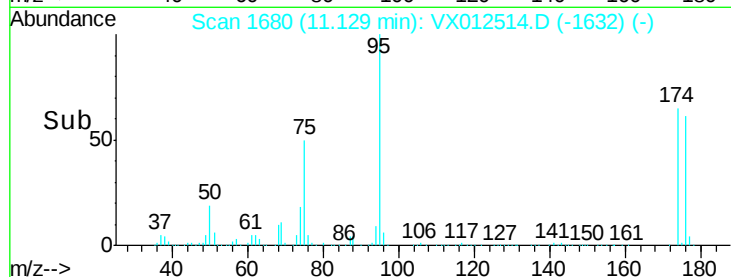
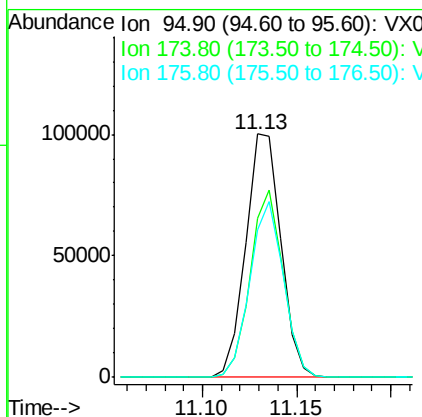
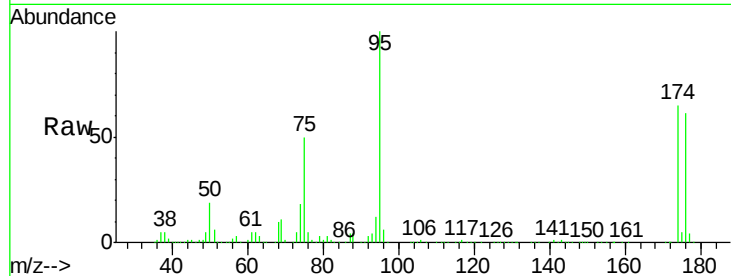
#62
4-Bromofluorobenzene
Concen: 46.223 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	130289		
174	72.0	0.0	140.0	
176	69.0	0.0	135.4	

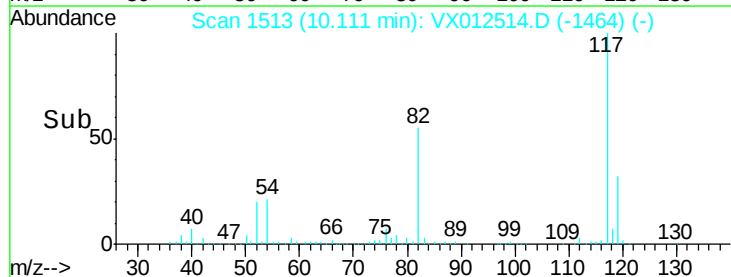
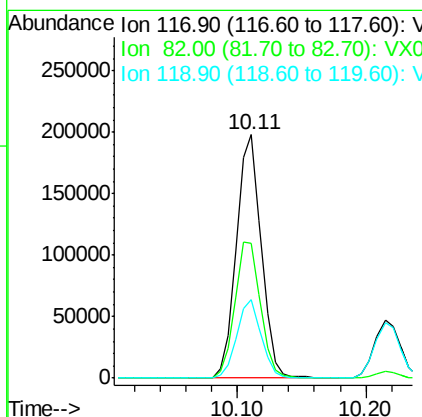
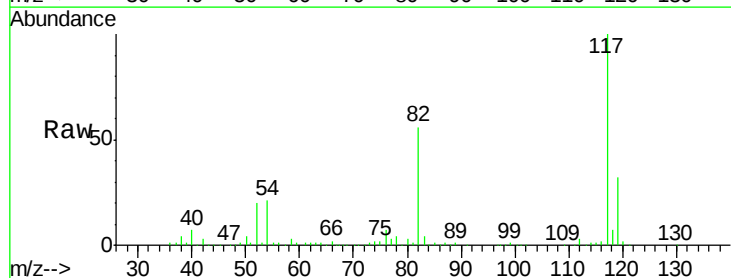
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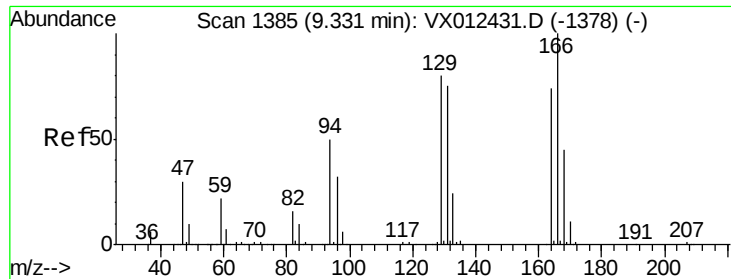
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	266105		
82	55.5	45.9	68.9	
119	32.0	25.3	37.9	





#64

Tetrachloroethene

Concen: 45.670 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion:164 Resp: 55690

Ion Ratio Lower Upper

164 100

166 133.6 107.8 161.6

129 99.0 86.2 129.2

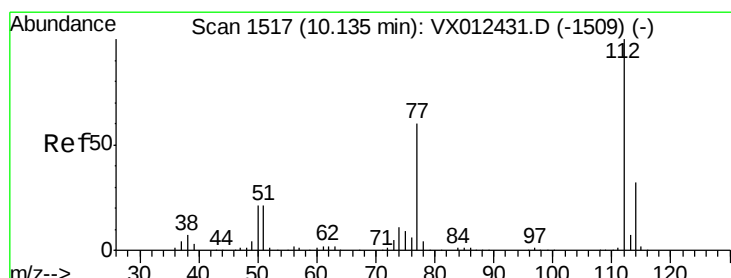
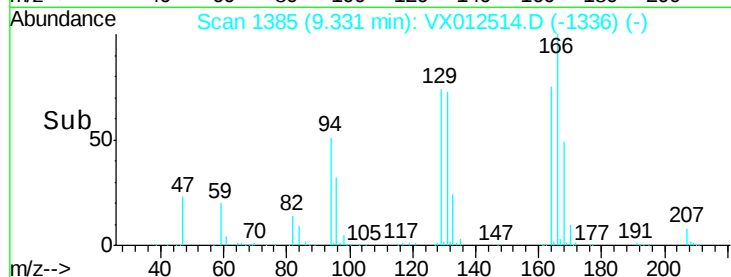
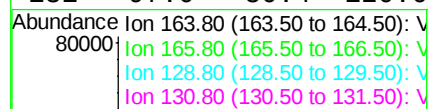
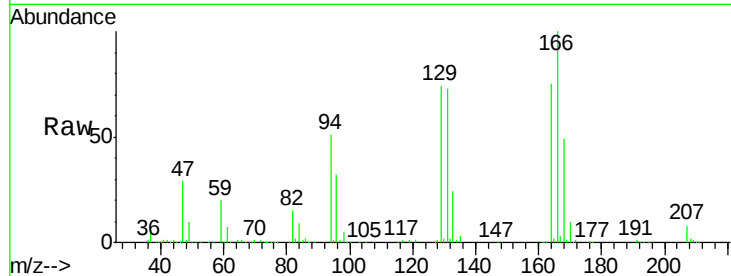
131 97.0 80.4 120.6

Manual Integrations

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#65

Chlorobenzene

Concen: 49.941 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012514.D

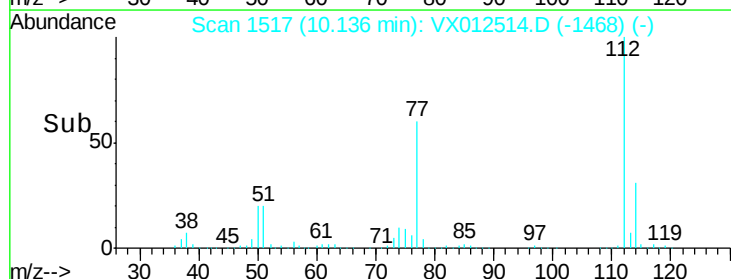
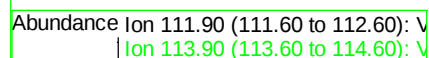
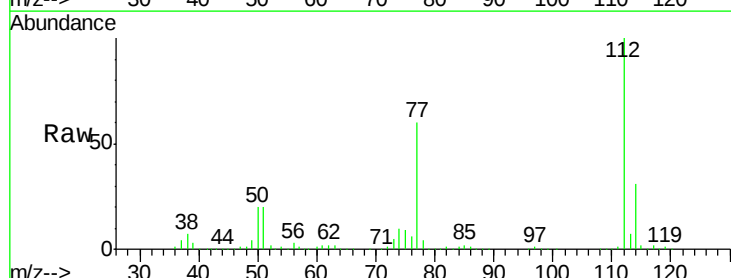
Acq: 19 Sep 2019 07:44

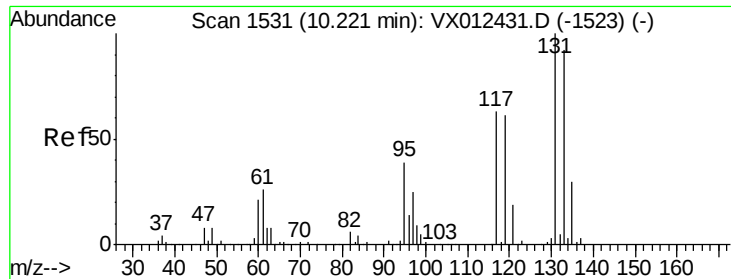
Tgt Ion:112 Resp: 219342

Ion Ratio Lower Upper

112 100

114 31.5 25.4 38.0





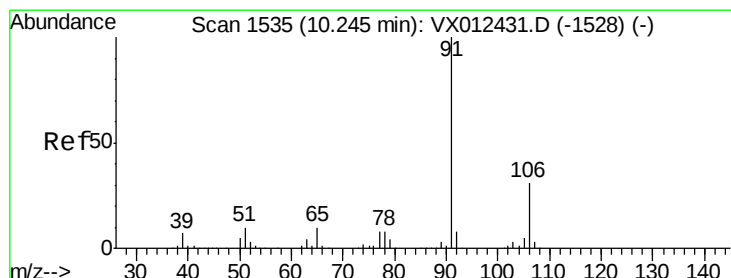
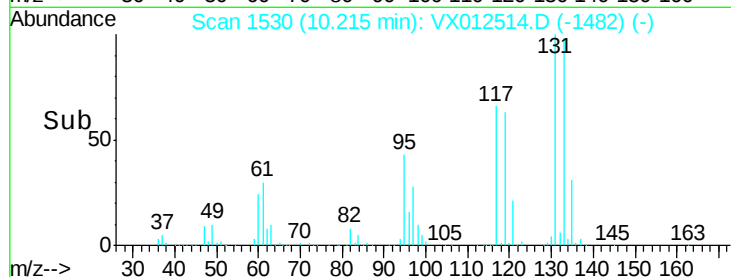
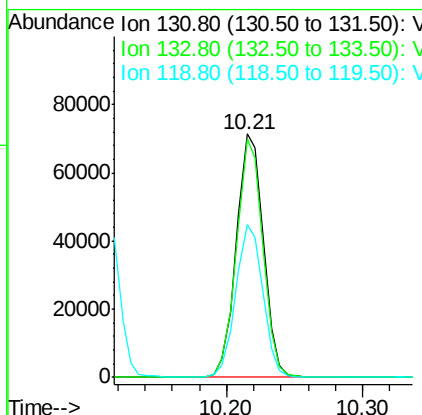
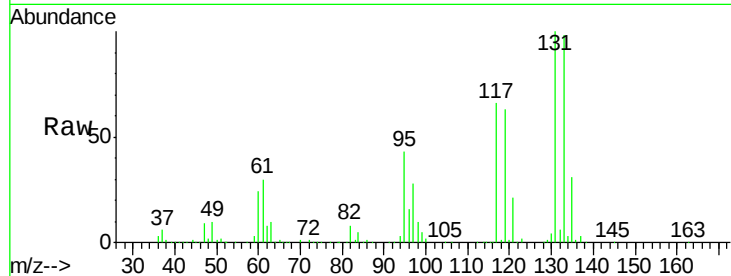
#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.229 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.9
119	62.6	31.3	93.8

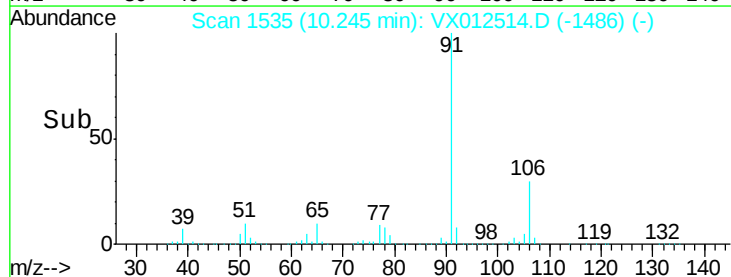
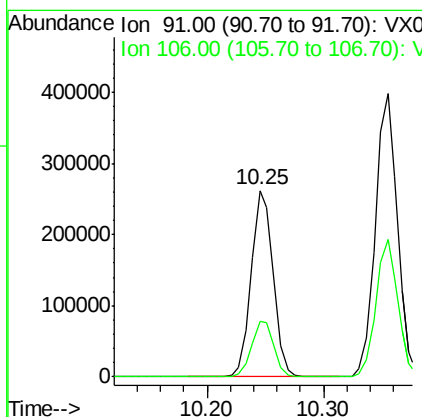
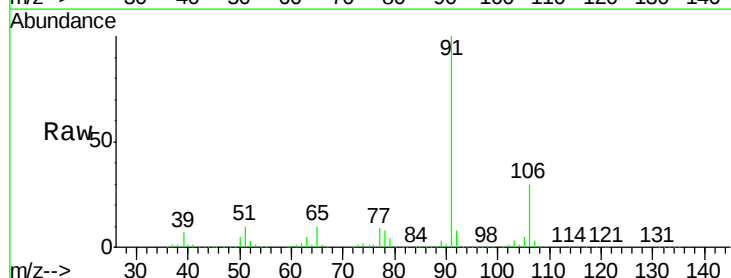
Manual Integrations
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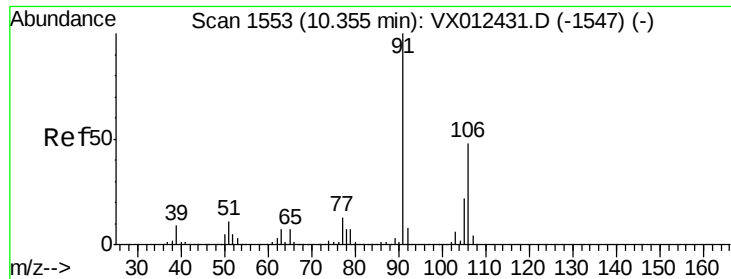
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#67
 Ethyl Benzene
 Concen: 45.679 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.6	37.0





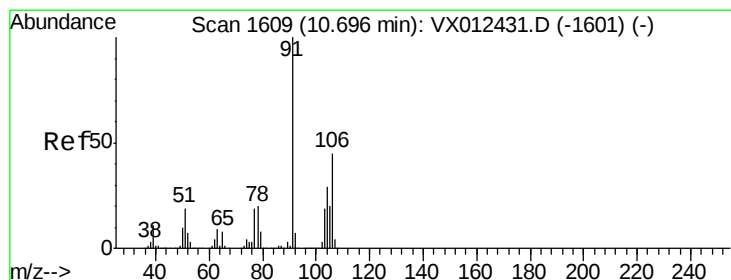
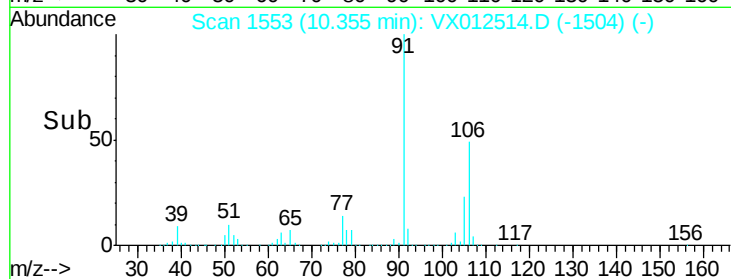
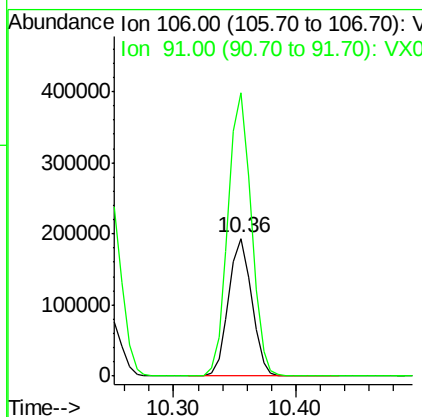
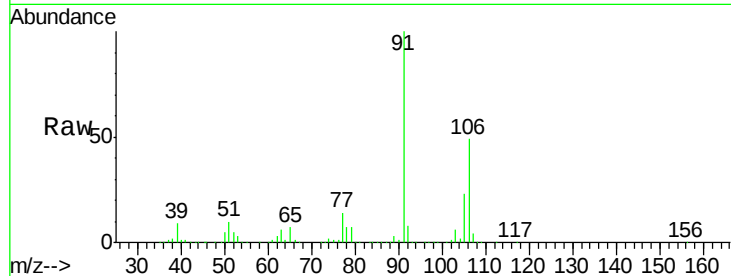
#68
m/p-Xylenes
Concen: 92.726 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion:106 Resp: 254583
Ion Ratio Lower Upper
106 100
91 206.3 166.6 250.0

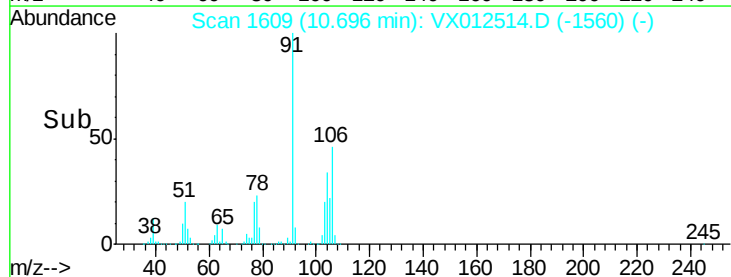
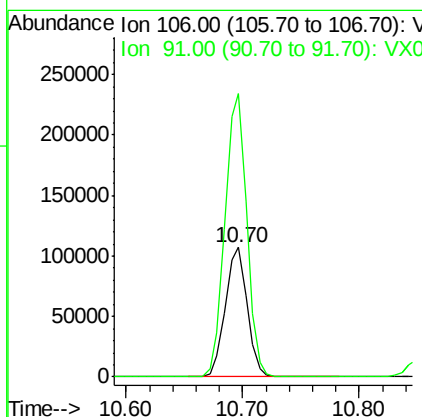
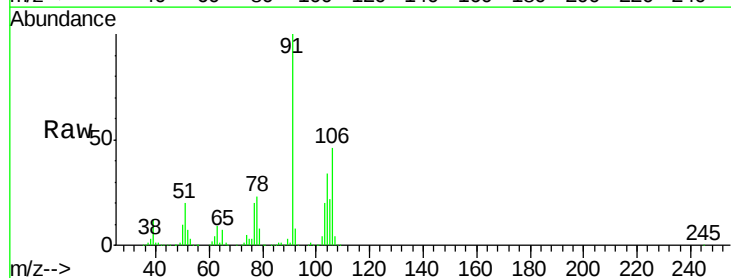
Manual Integrations
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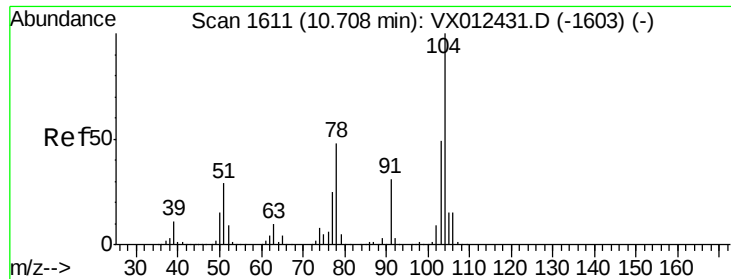
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#69
o-Xylene
Concen: 49.122 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion:106 Resp: 138698
Ion Ratio Lower Upper
106 100
91 218.5 109.4 328.2





#70

Stvrene

Concen: 50.264 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

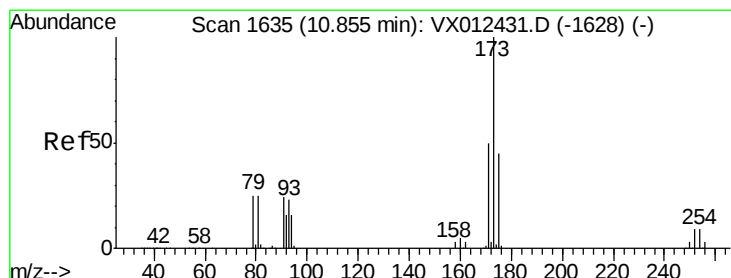
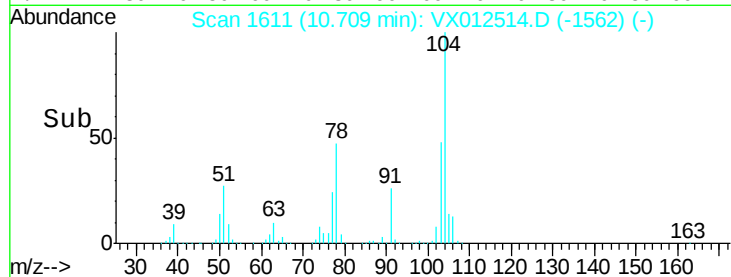
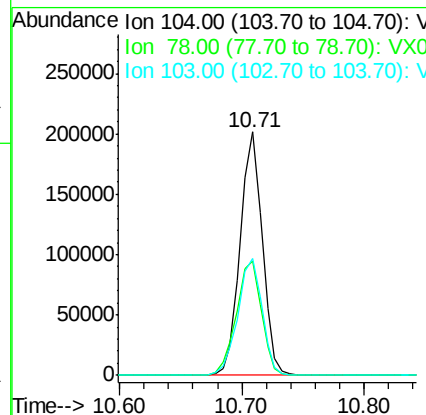
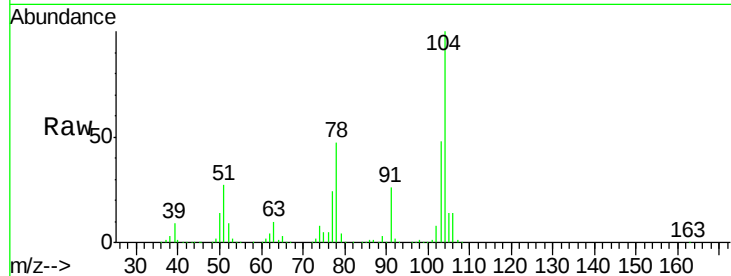
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	104	Resp:	251106
Ion Ratio	Lower	Upper	
104	100		
78	54.0	43.4	65.2
103	52.9	43.3	64.9

Manual Integrations
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#71

Bromoform

Concen: 49.985 ug/l

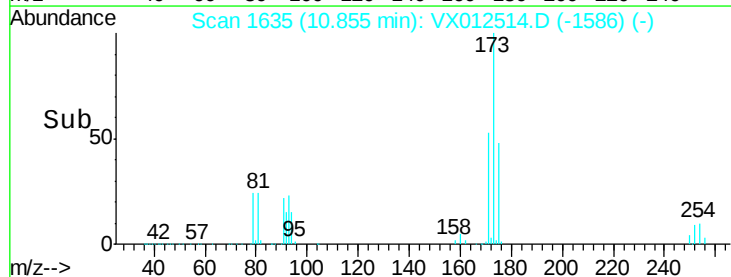
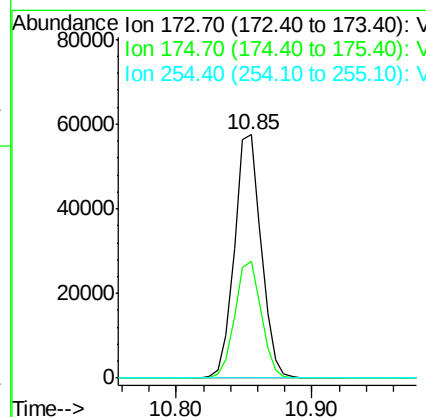
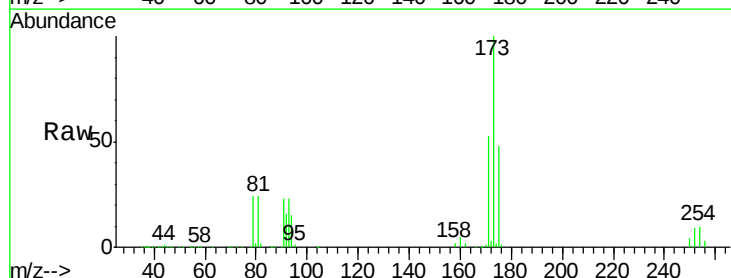
RT: 10.85 min Scan# 1635

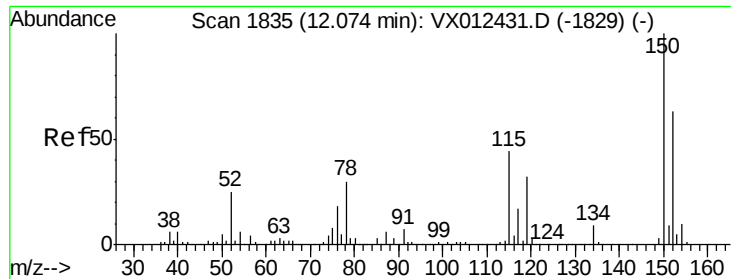
Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion:	173	Resp:	78448
Ion Ratio	Lower	Upper	
173	100		
175	47.6	23.7	71.1
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

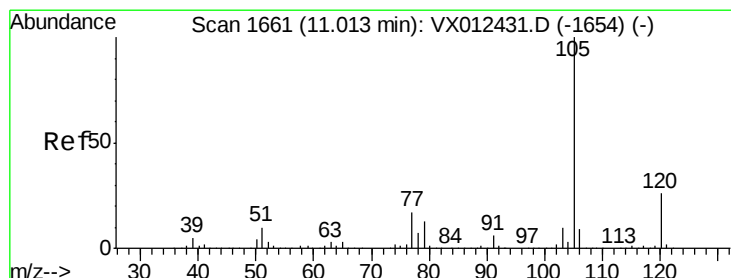
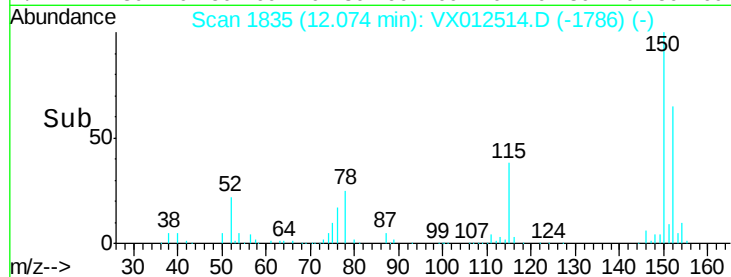
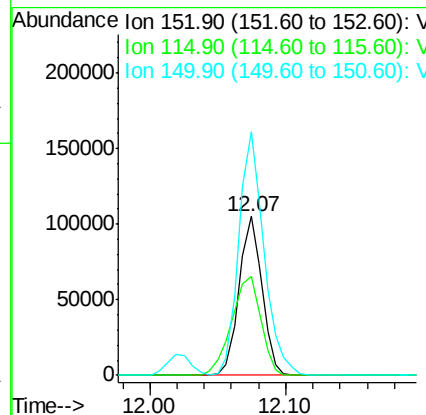
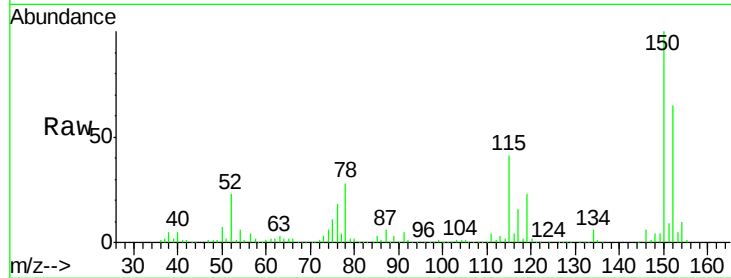
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	152	Resp:	122810
Ion Ratio	Lower	Upper	
152	100		
115	79.5	44.1	132.3
150	169.8	0.0	343.8

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#73

Isopropylbenzene

Concen: 44.006 ug/l

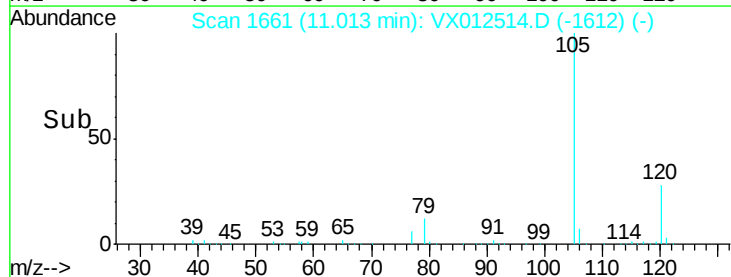
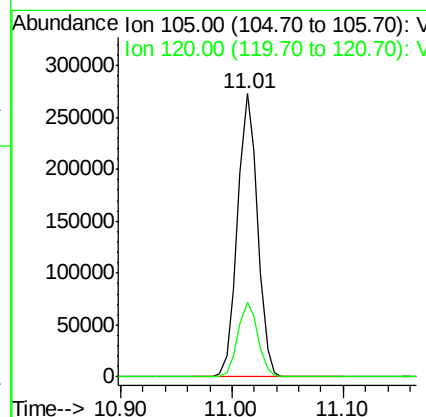
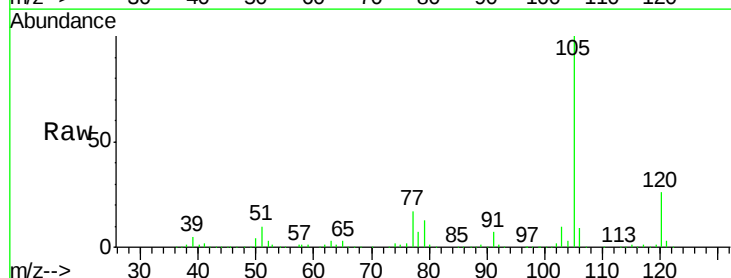
RT: 11.01 min Scan# 1661

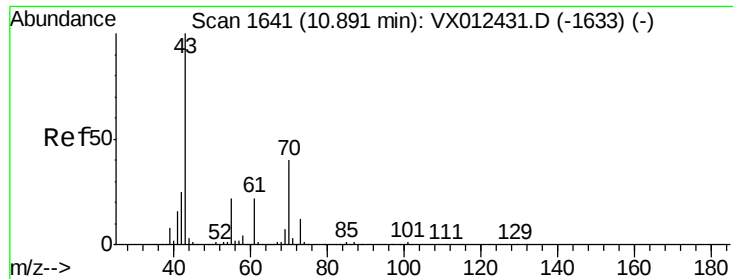
Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion:	105	Resp:	339094
Ion Ratio	Lower	Upper	
105	100		
120	26.4	12.9	38.7





#74

N-amvl acetate

Concen: 56.647 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

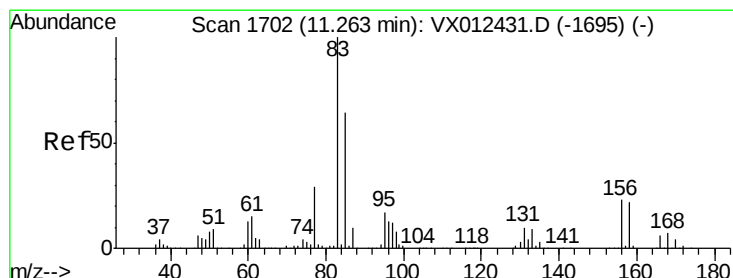
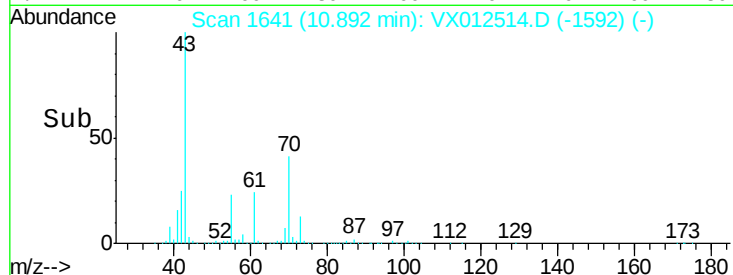
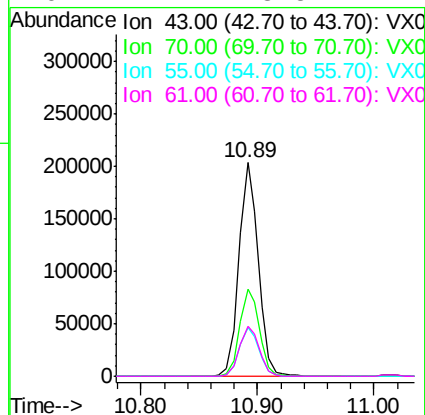
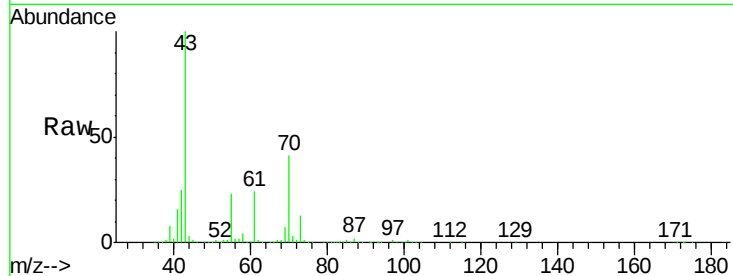
ClientSampleId :

RE122D2-20190909MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		235003		
70	41.6	32.4	48.6		
55	23.5	18.2	27.4		
61	24.2	18.5	27.7		

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#75

1,1,2,2-Tetrachloroethane

Concen: 57.311 ug/l

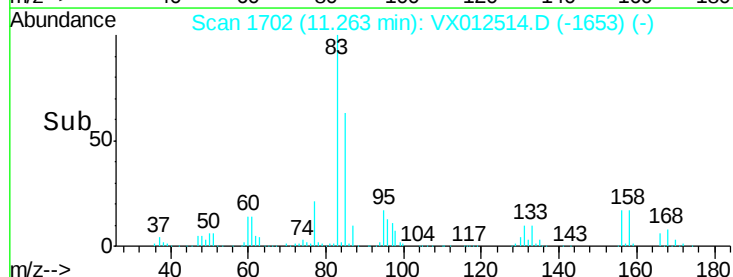
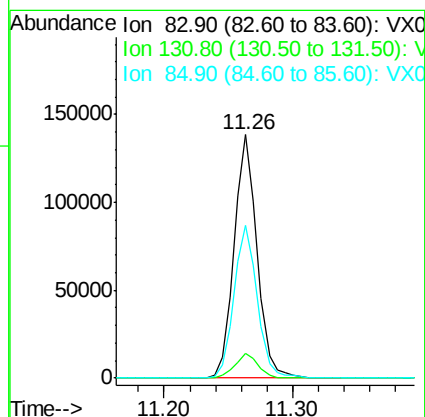
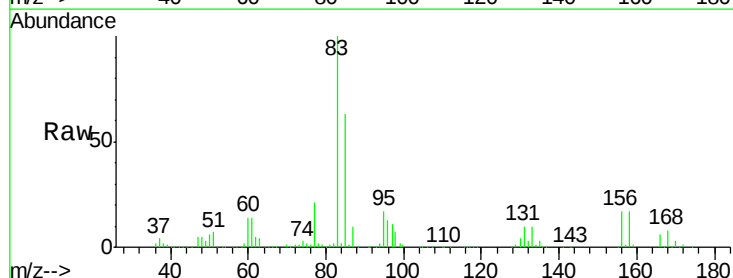
RT: 11.26 min Scan# 1702

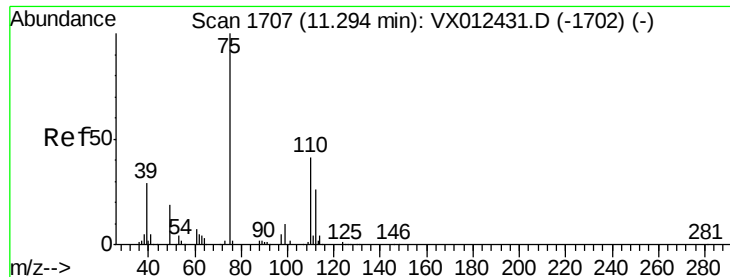
Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		173236		
131	10.2	5.2	15.6		
85	63.9	32.0	96.0		





#76

1,2,3-Trichloropropane

Concen: 57.128 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 75 Resp: 161161

Ion Ratio Lower Upper

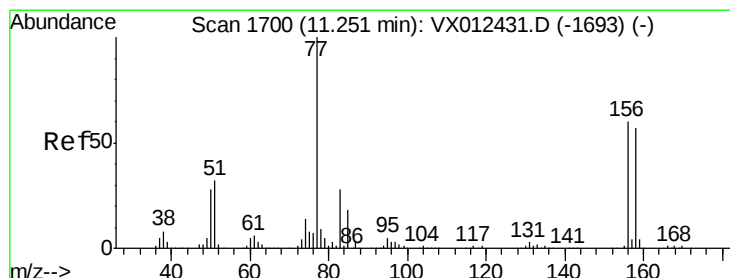
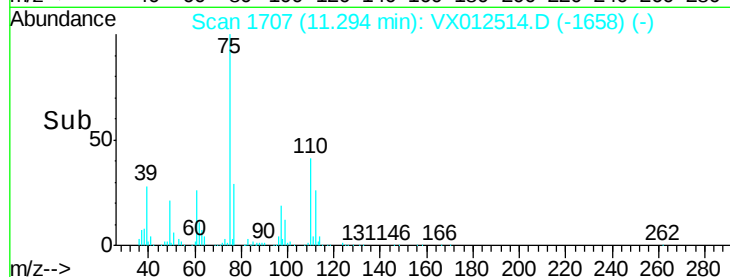
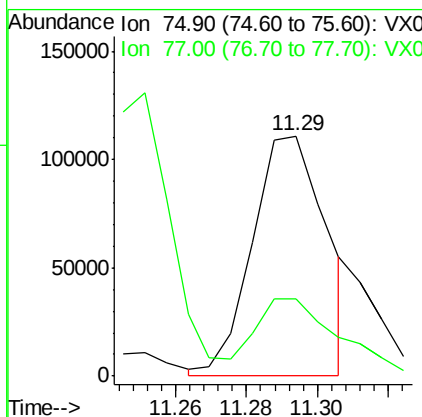
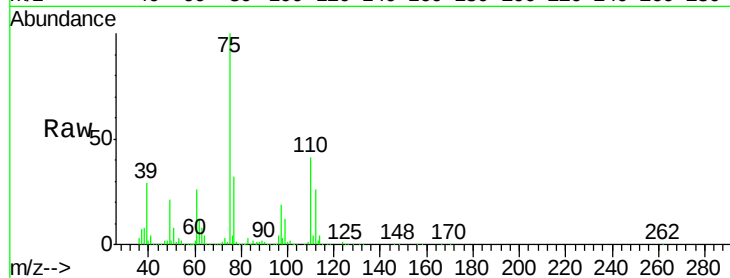
75 100

77 36.4 19.7 59.0

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#77

Bromobenzene

Concen: 53.012 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

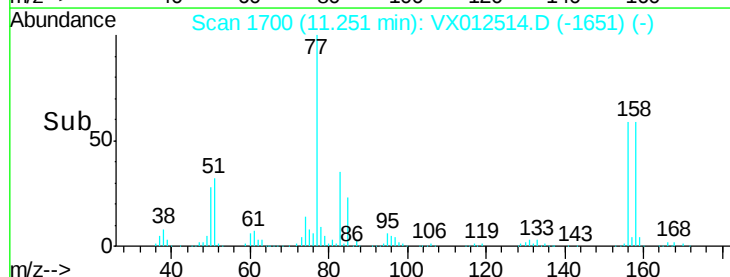
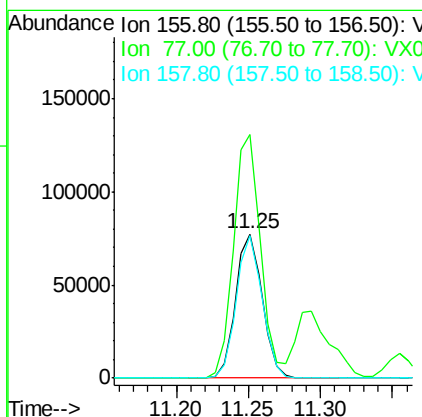
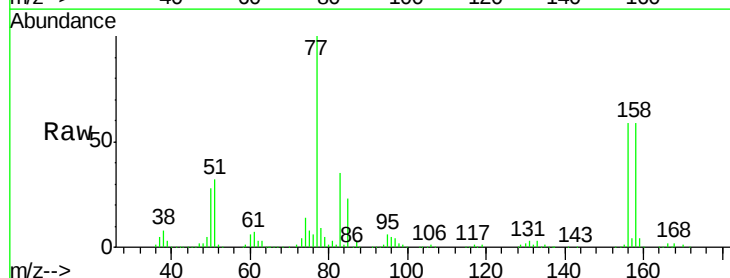
Tgt Ion: 156 Resp: 99624

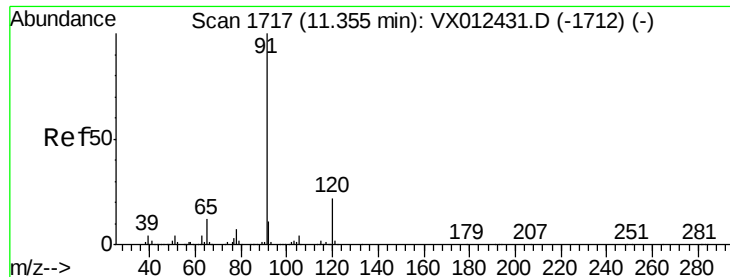
Ion Ratio Lower Upper

156 100

77 173.1 87.3 261.8

158 96.9 48.5 145.6





#78

n-propylbenzene

Concen: 42.019 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 91 Resp: 360869

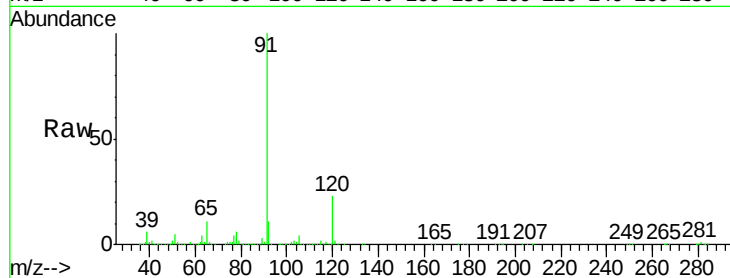
Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

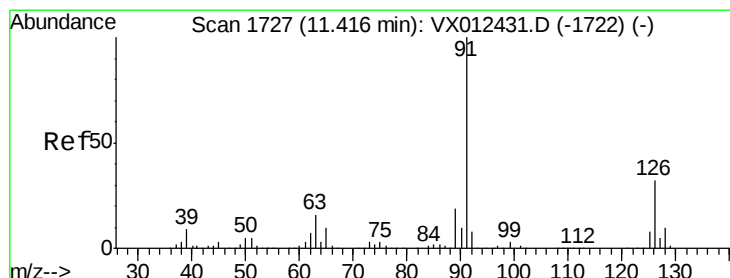
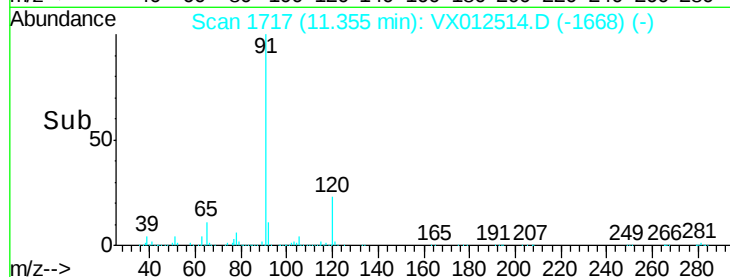
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 46.822 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012514.D

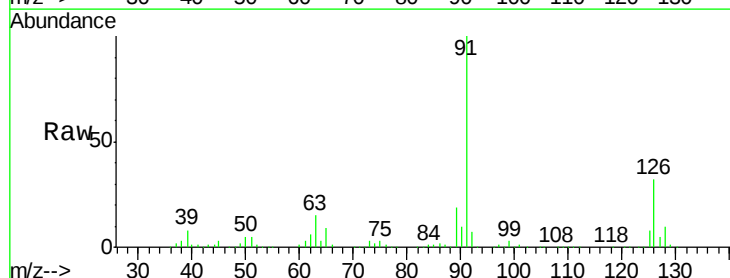
Acq: 19 Sep 2019 07:44

Tgt Ion: 91 Resp: 261599

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

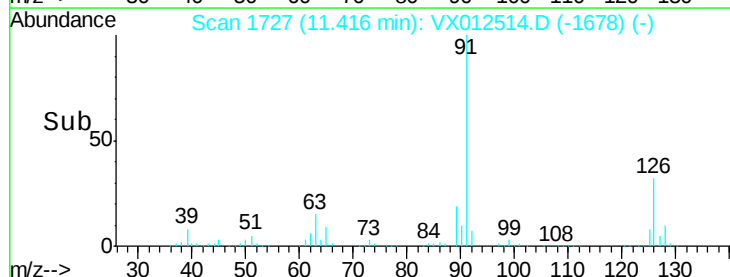
300000

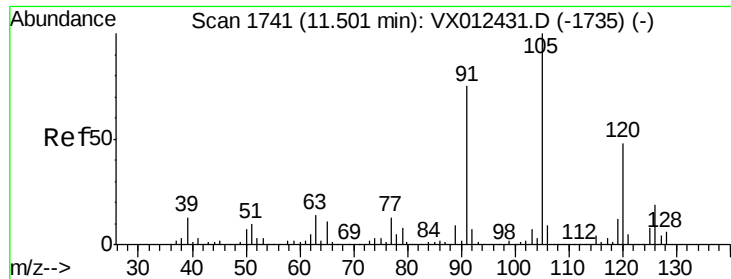
200000

100000

0

Time--> 11.35 11.40 11.45





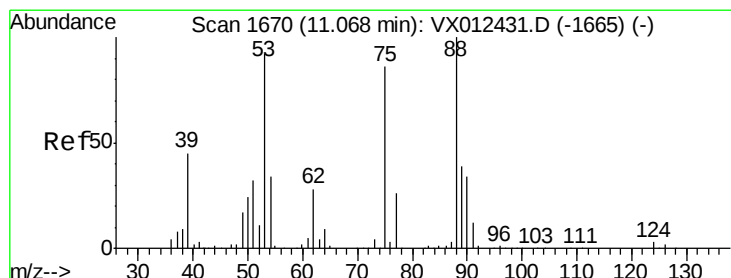
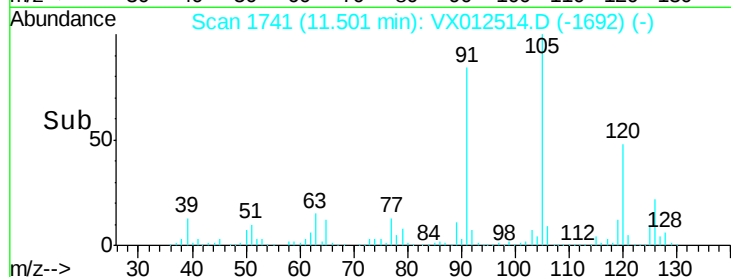
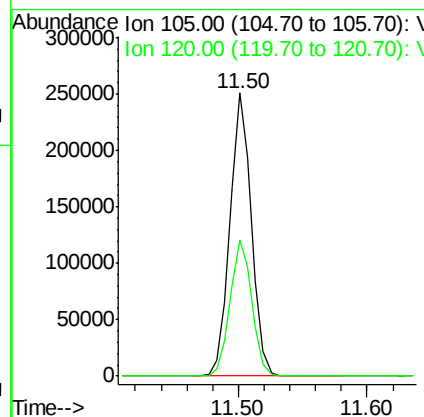
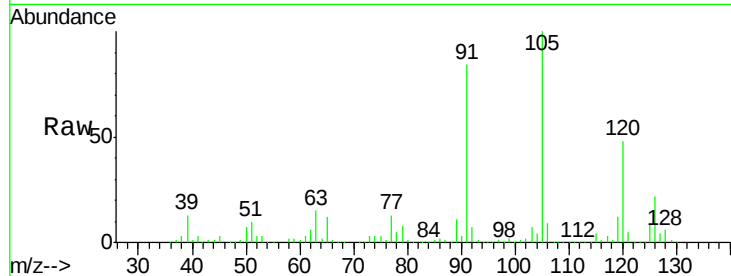
#80
 1,3,5-Trimethylbenzene
 Concen: 44.719 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion:105 Resp: 293879
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8

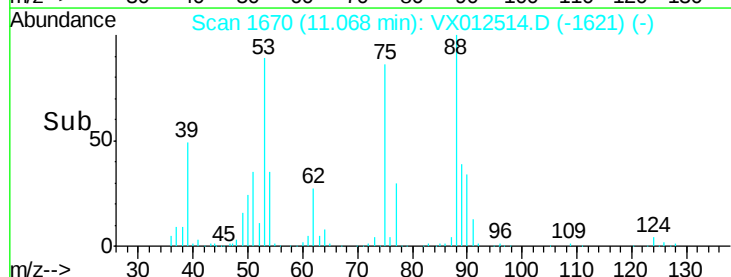
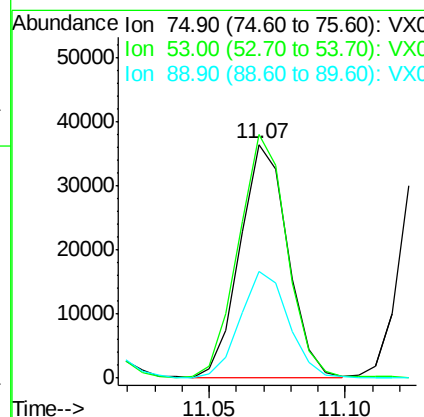
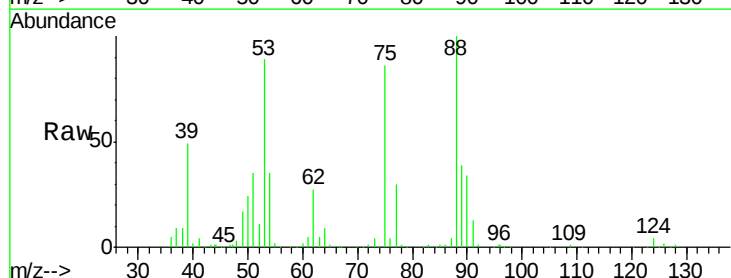
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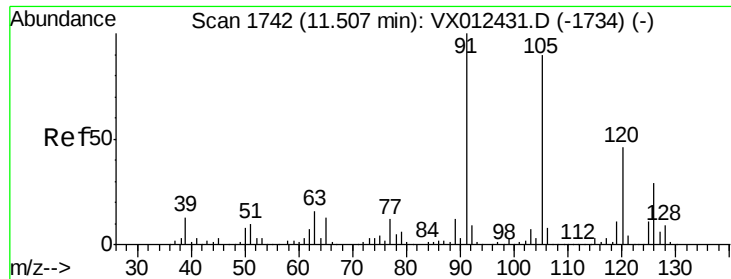
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.372 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 75 Resp: 44118
 Ion Ratio Lower Upper
 75 100
 53 105.8 83.6 125.4
 89 46.7 36.3 54.5





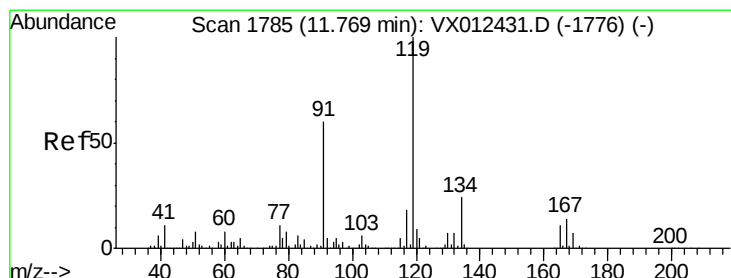
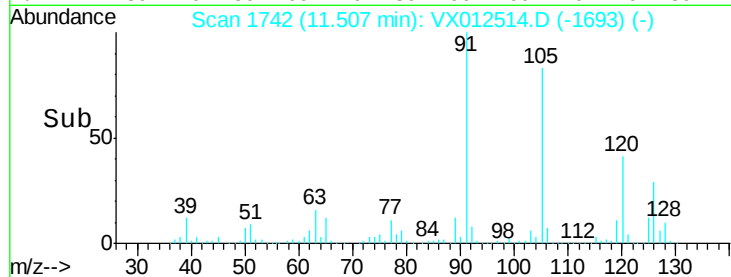
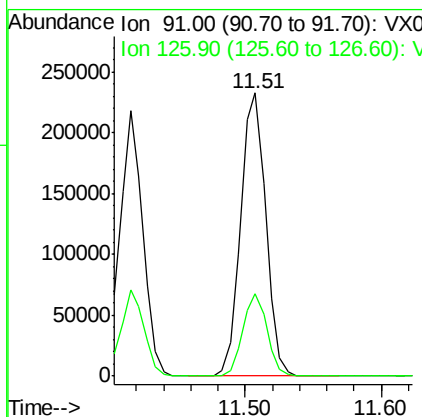
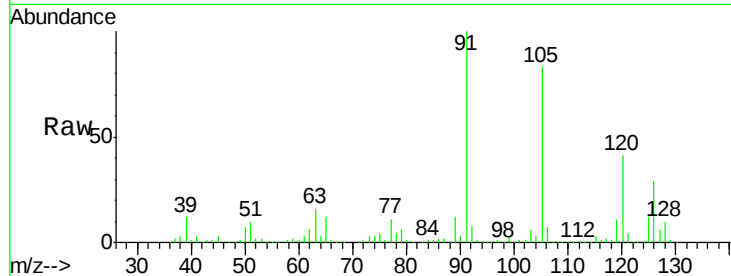
#82
 4-Chlorotoluene
 Concen: 46.663 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleID :
 RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	299216		
126	28.3	14.4	43.0	

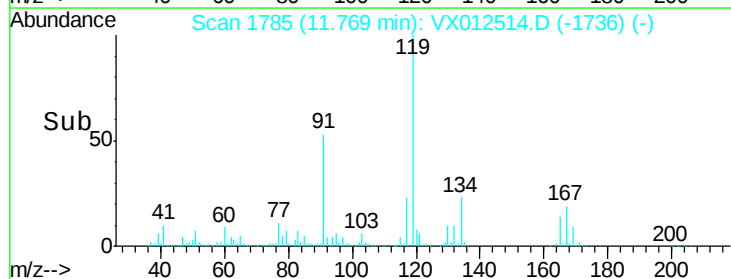
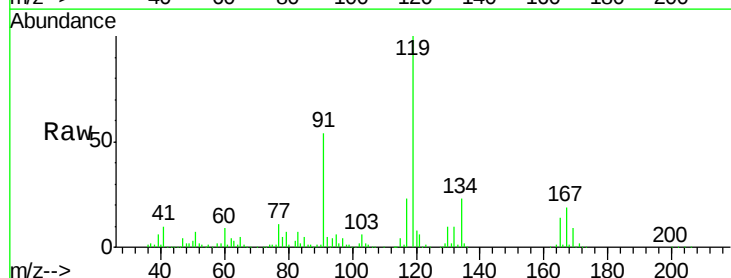
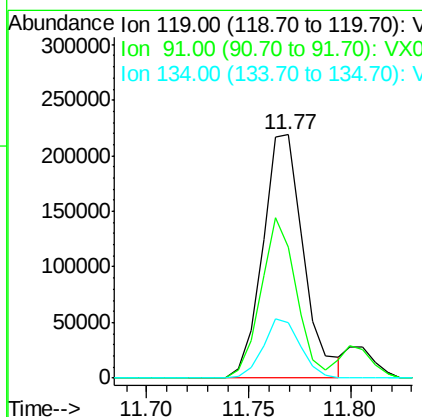
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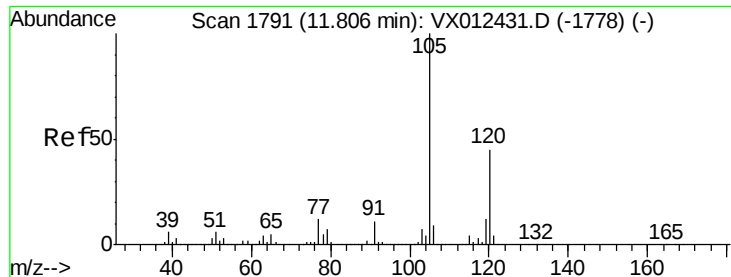
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#83
 tert-Butylbenzene
 Concen: 43.325 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	305090		
91	57.2	30.0	90.0	
134	22.5	11.3	33.9	





#84

1,2,4-Trimethylbenzene

Concen: 46.136 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion:105 Resp: 311304

Ion Ratio Lower Upper

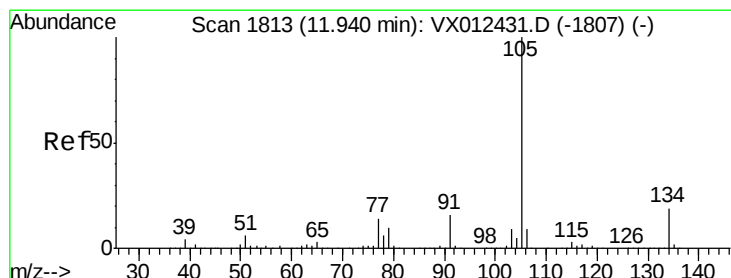
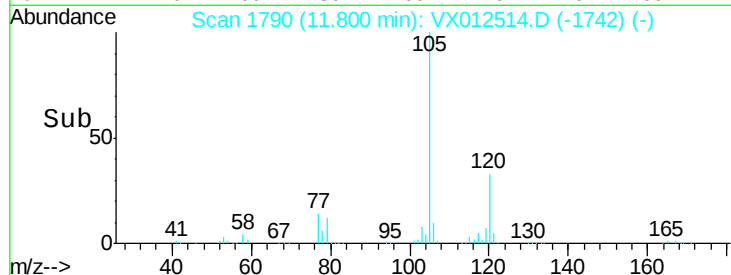
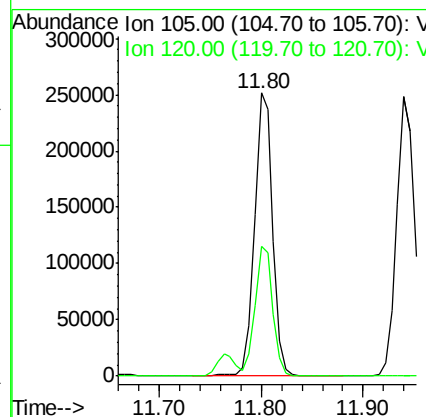
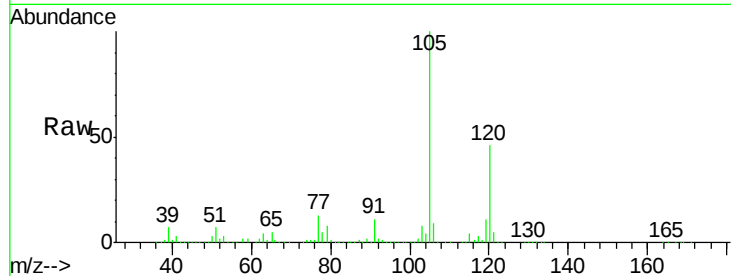
105 100

120 44.8 22.2 66.6

Manual Integrations
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#85

sec-Butylbenzene

Concen: 39.079 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012514.D

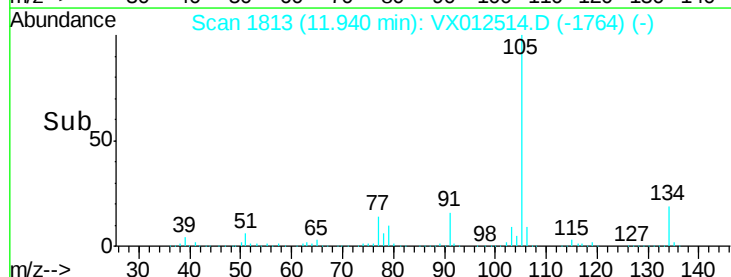
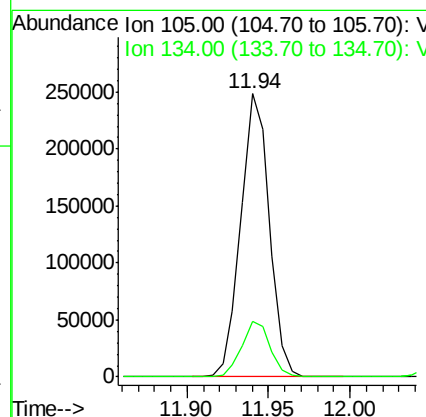
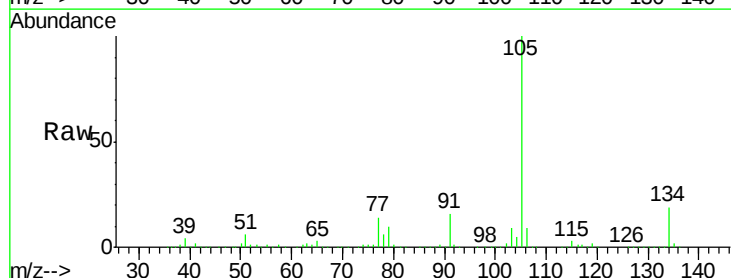
Acq: 19 Sep 2019 07:44

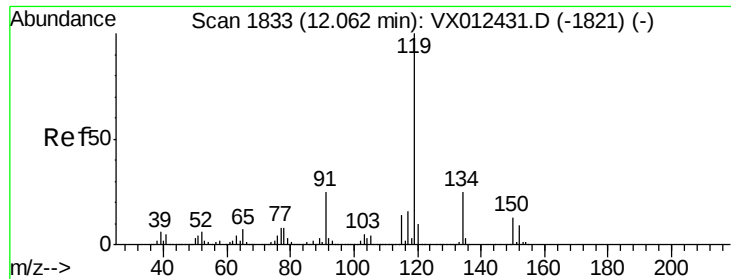
Tgt Ion:105 Resp: 303232

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4





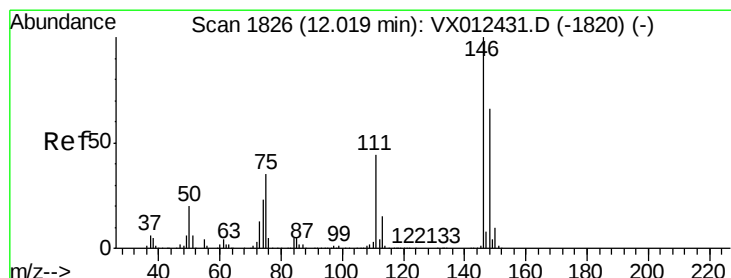
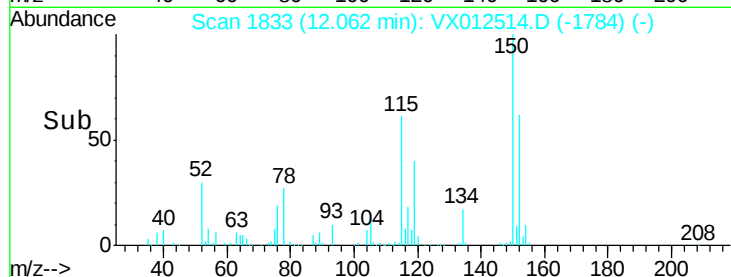
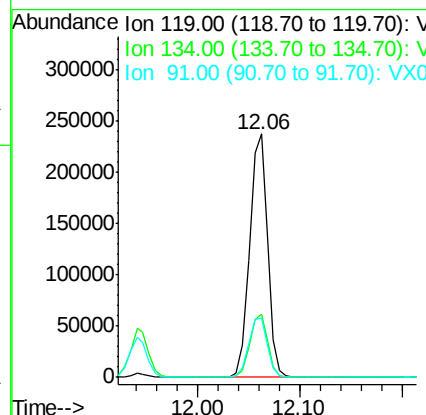
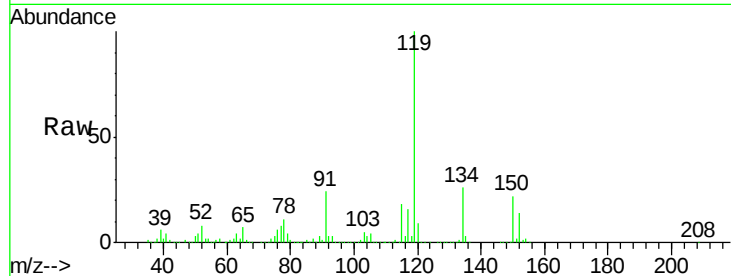
#86
p-Isopropyltoluene
Concen: 40.324 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	287316		
134	25.9	12.7	38.1	
91	25.2	12.8	38.4	

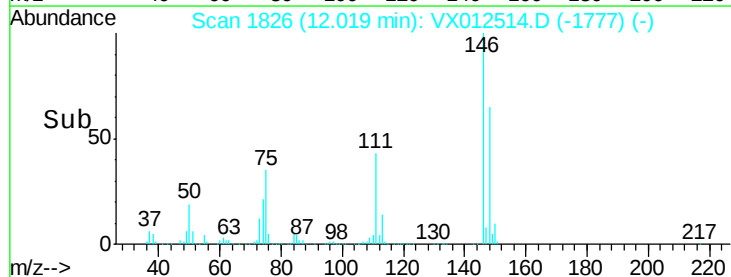
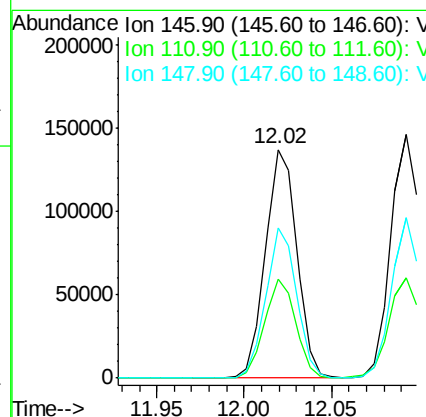
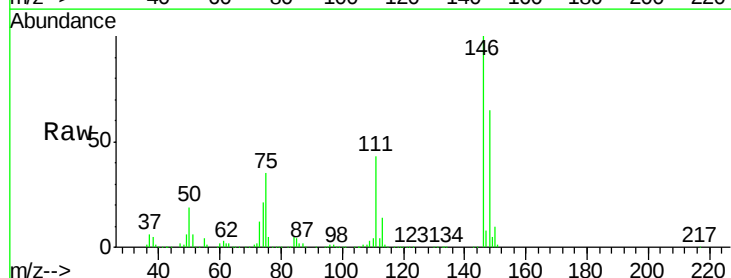
Manual Integrations
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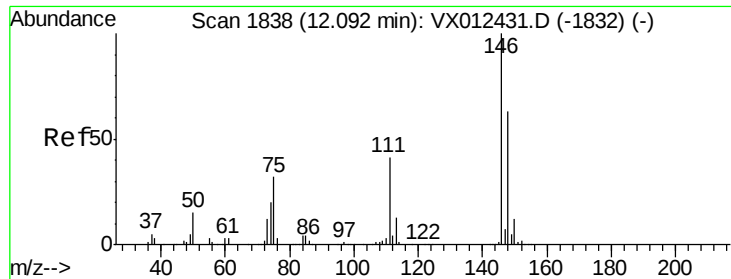
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#87
1,3-Dichlorobenzene
Concen: 48.658 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172009		
111	43.1	21.3	64.0	
148	64.5	32.4	97.2	





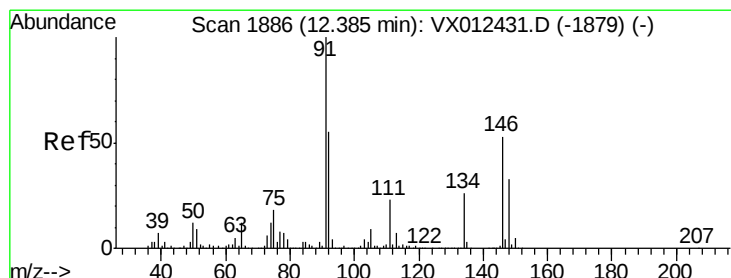
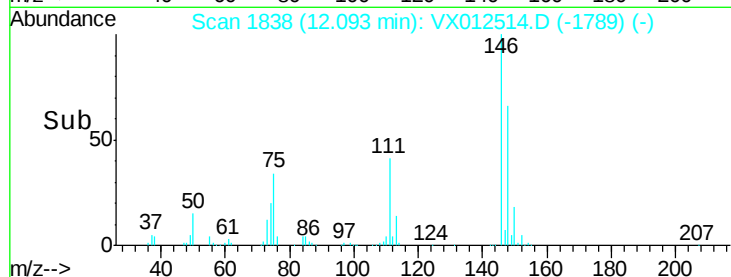
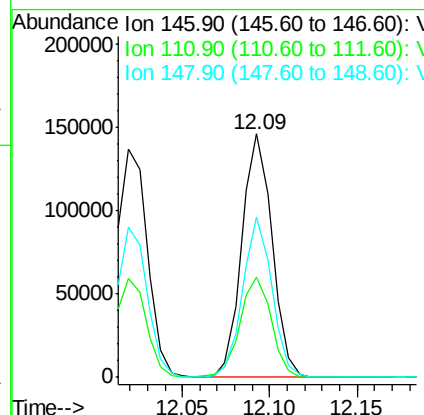
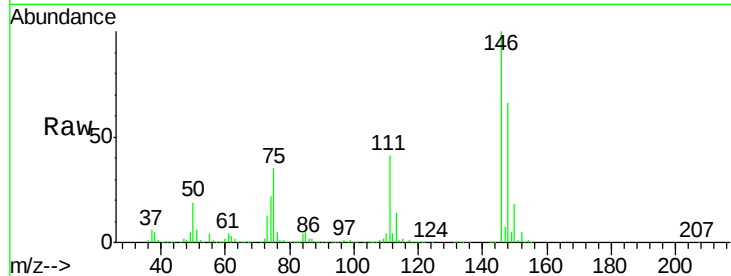
#88
 1,4-Dichlorobenzene
 Concen: 48.539 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	176255		
111	42.6	21.1	63.3	
148	63.9	32.1	96.5	

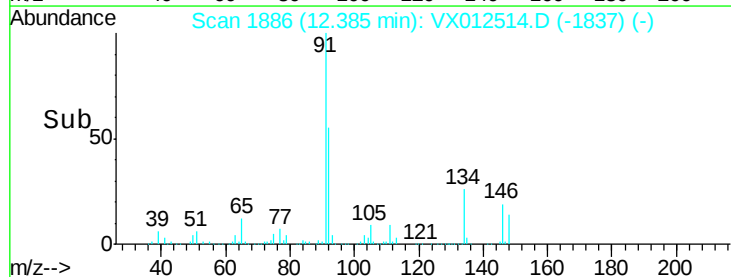
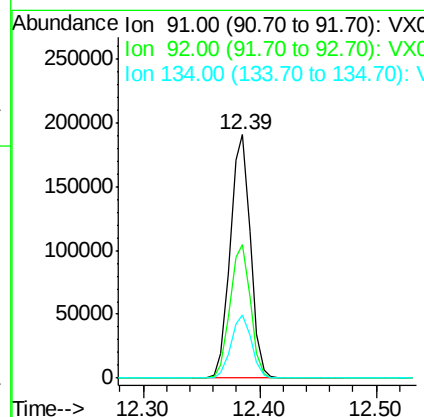
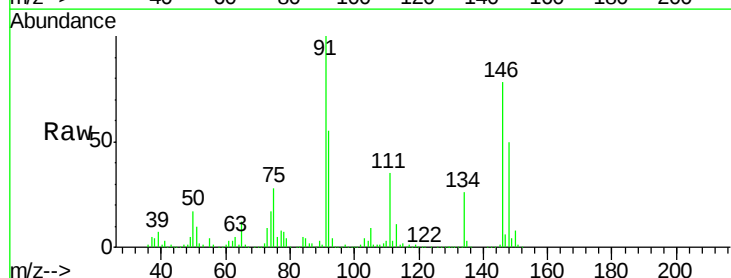
Manual Integrations
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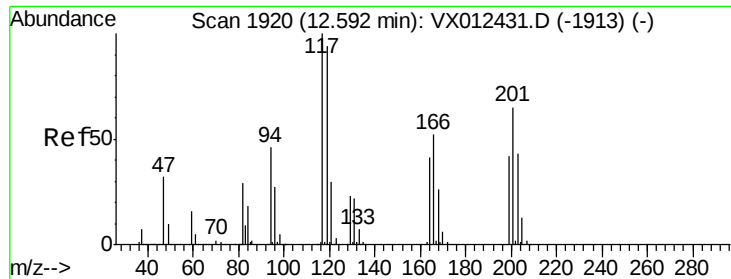
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#89
 n-Butylbenzene
 Concen: 35.914 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	228320		
92	55.5	27.7	83.0	
134	26.1	12.9	38.6	





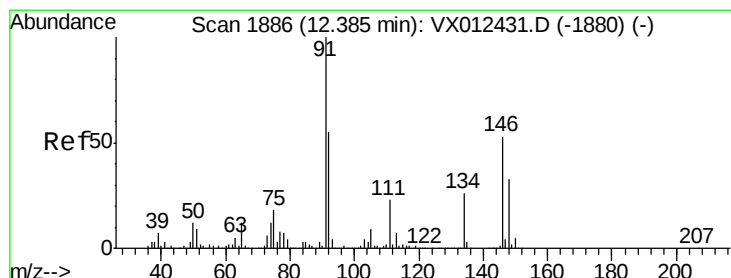
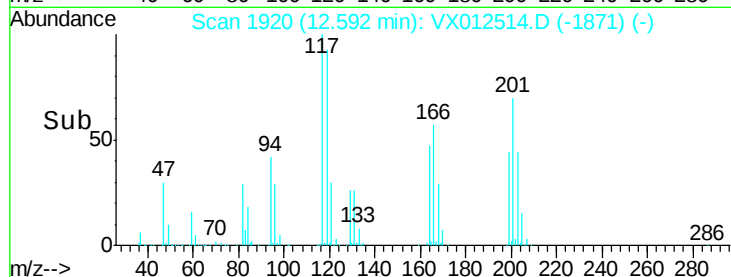
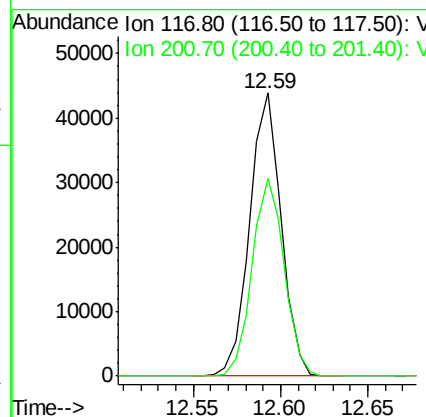
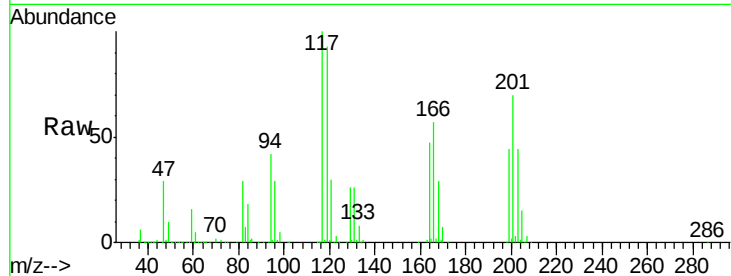
#90
Hexachloroethane
Concen: 42.013 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion:117 Resp: 54889
Ion Ratio Lower Upper
117 100
201 71.2 33.3 99.8

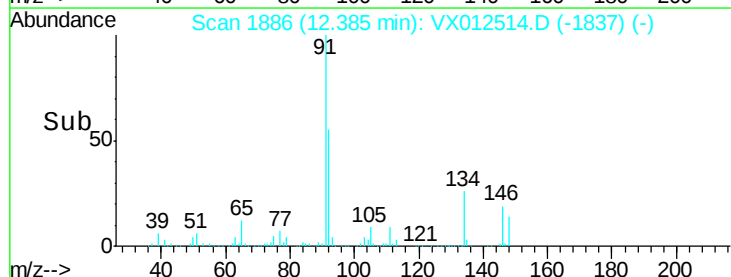
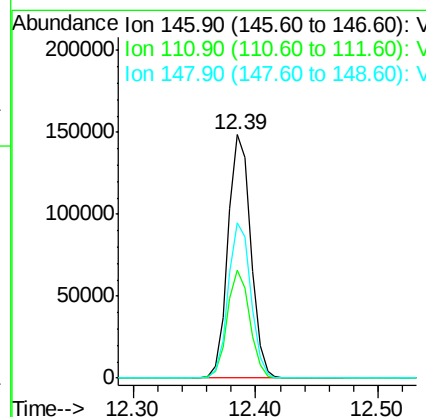
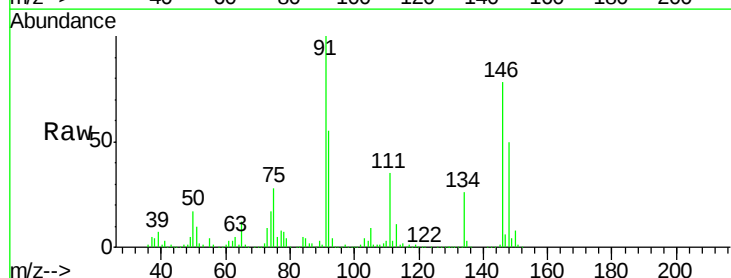
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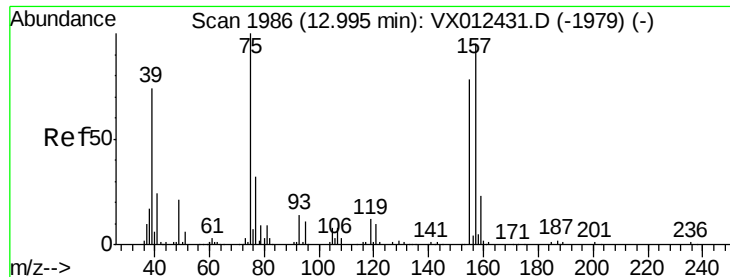
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#91
1,2-Dichlorobenzene
Concen: 51.740 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion:146 Resp: 191168
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 63.5 31.3 93.9





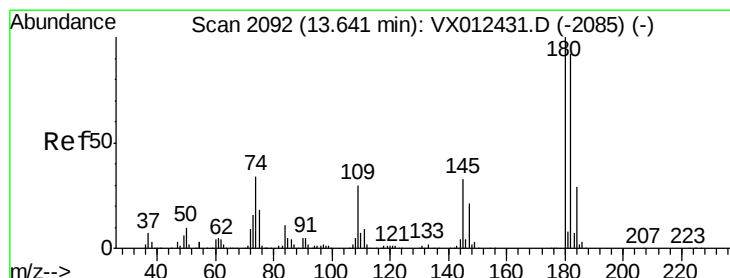
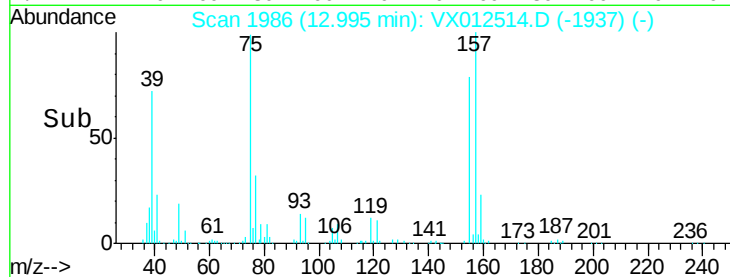
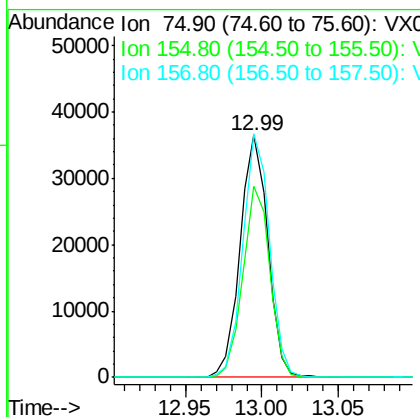
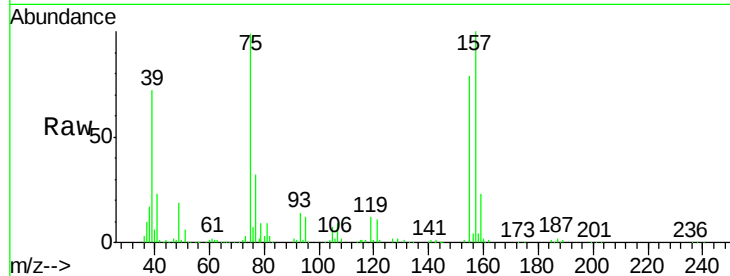
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.325 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion: 75 Resp: 45707
 Ion Ratio Lower Upper
 75 100
 155 76.6 38.6 115.8
 157 97.0 50.6 151.9

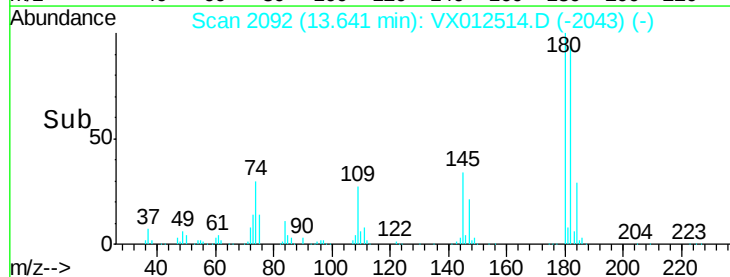
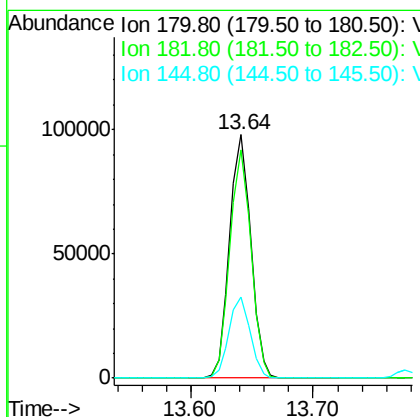
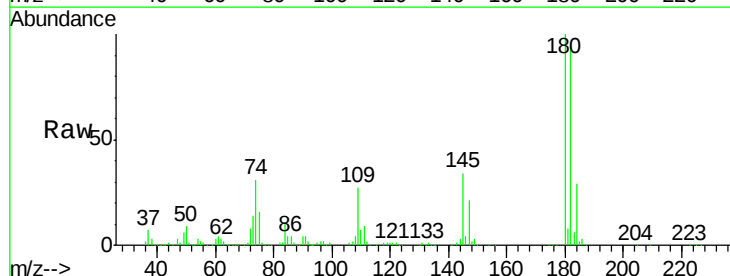
Manual Integrations
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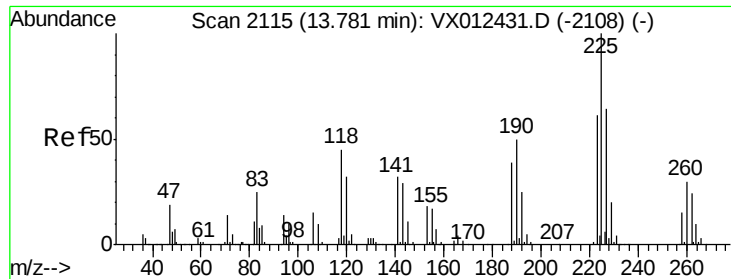
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#93
 1,2,4-Trichlorobenzene
 Concen: 49.579 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 180 Resp: 117991
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.0 141.0
 145 33.5 16.8 50.4





#94

Hexachlorobutadiene

Concen: 33.778 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

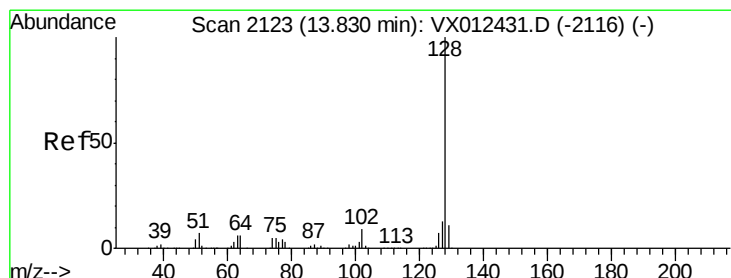
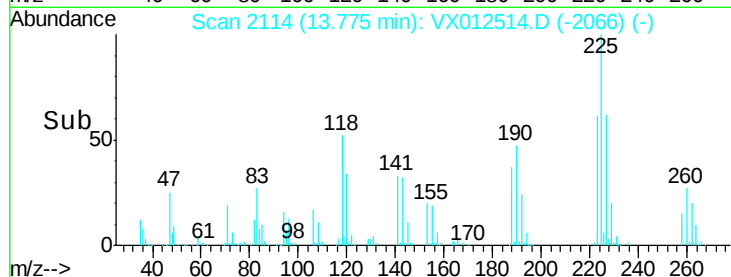
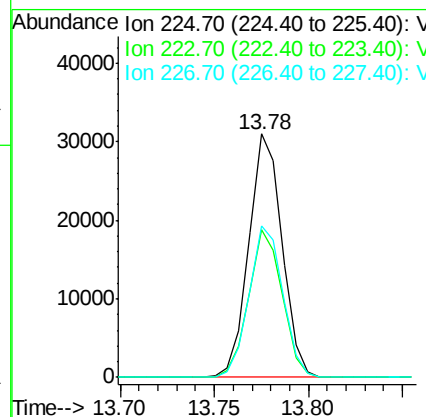
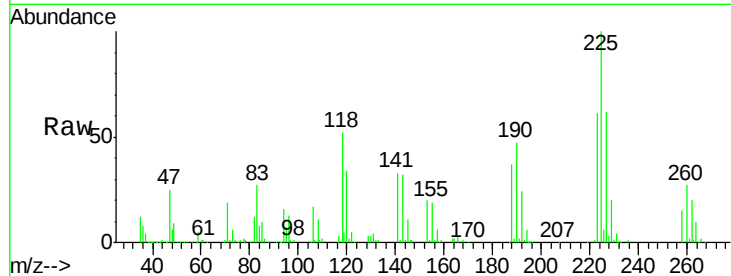
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	225	Resp:	37888
Ion Ratio		Lower	Upper
225	100		
223	61.1	32.0	96.2
227	63.3	31.9	95.5

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#95

Naphthalene

Concen: 56.841 ug/l

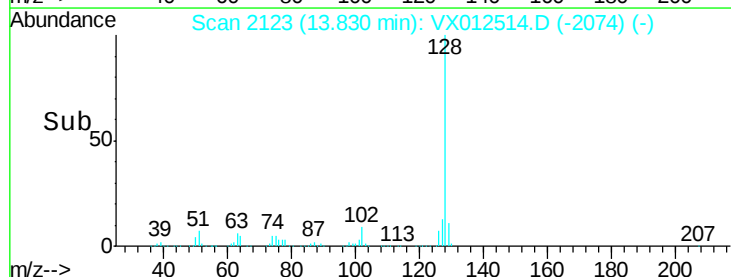
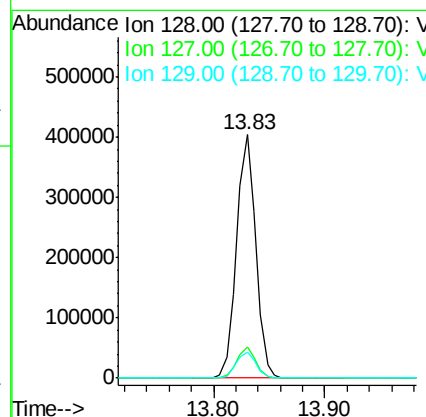
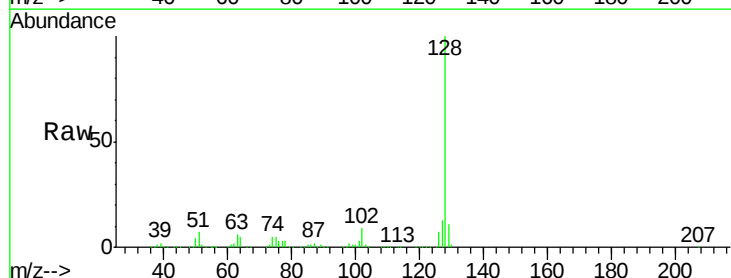
RT: 13.83 min Scan# 2123

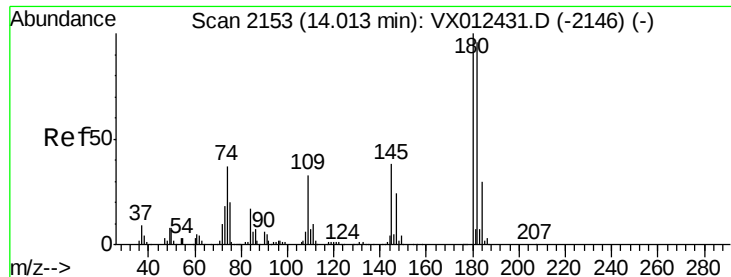
Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion:	128	Resp:	481330
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.8	13.2





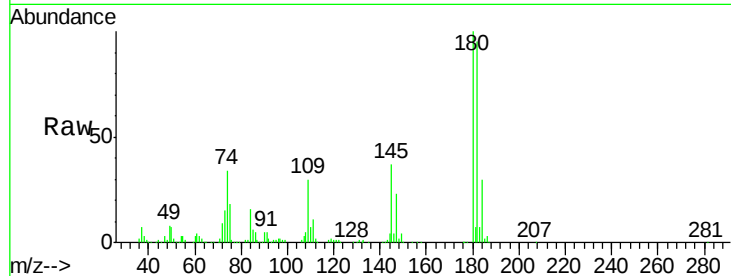
#96
 1,2,3-Trichlorobenzene
 Concen: 51.790 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125598		
182	94.5		47.1	141.3
145	35.9		18.0	54.0

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

