

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
 Data File : VX013326.D
 Acq On : 04 Nov 2019 16:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 10:37:21 AM

Quant Time: Nov 05 01:05:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	734334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1088465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	984550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	511419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	405418	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.48	113	333601	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.71	98	1274222	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	473798	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	484168	57.223	ug/l	99
3) Chloromethane	1.31	50	487092	53.087	ug/l	100
4) Vinyl Chloride	1.40	62	582318	55.746	ug/l	99
5) Bromomethane	1.62	94	335475	46.085	ug/l	100
6) Chloroethane	1.71	64	308299	51.670	ug/l	100
7) Trichlorofluoromethane	1.92	101	639995	51.858	ug/l	98
8) Diethyl Ether	2.17	74	283200	51.893	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	387697	56.363	ug/l	100
10) Methyl Iodide	2.50	142	420491	49.375	ug/l	98
11) Tert butyl alcohol	3.03	59	494089	215.479	ug/l	99
12) 1,1-Dichloroethene	2.36	96	381125	56.581	ug/l	99
13) Acrolein	2.28	56	353312	284.303	ug/l	98
14) Allyl chloride	2.72	41	691260	56.480	ug/l	98
15) Acrylonitrile	3.12	53	1164132	271.791	ug/l	99
16) Acetone	2.42	43	1225776	282.483	ug/l	99
17) Carbon Disulfide	2.56	76	1016682	56.391	ug/l	99
18) Methyl Acetate	2.76	43	650942	54.337	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1295177	57.649	ug/l	99
20) Methylene Chloride	2.84	84	419670	52.345	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	408469	55.694	ug/l	96
22) Diisopropyl ether	3.84	45	1342883	56.833	ug/l	100
23) Vinyl Acetate	3.79	43	5712008	282.508	ug/l	100
24) 1,1-Dichloroethane	3.68	63	727518	55.040	ug/l	98
25) 2-Butanone	4.65	43	1750059	274.916	ug/l	99
26) 2,2-Dichloropropane	4.56	77	638118	60.685	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	466678	56.802	ug/l	100
28) Bromochloromethane	5.00	49	204081	54.378	ug/l	98
29) Tetrahydrofuran	5.11	42	1045510	266.517	ug/l	99
30) Chloroform	5.19	83	721686	55.293	ug/l	96
31) Cyclohexane	5.56	56	660045	55.494	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	628822	55.982	ug/l	99
36) 1,1-Dichloropropene	5.78	75	560072	59.980	ug/l	100
37) Ethyl Acetate	4.81	43	634867	55.023	ug/l	100
38) Carbon Tetrachloride	5.77	117	547117	59.918	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	668268	57.436	ug/l	99
40) Benzene	6.12	78	1649189	56.699	ug/l	99
41) Methacrylonitrile	5.01	41	360261	55.706	ug/l	98
42) 1,2-Dichloroethane	6.17	62	593631	56.581	ug/l	100
43) Isopropyl Acetate	6.43	43	1047933	58.325	ug/l	99
44) Trichloroethene	7.20	130	457667	57.162	ug/l	100
45) 1,2-Dichloropropane	7.50	63	428738	57.851	ug/l	99
46) Dibromomethane	7.65	93	283475	56.021	ug/l	98
47) Bromodichloromethane	7.89	83	570485	59.787	ug/l	95
48) Methyl methacrylate	7.76	41	524794	58.514	ug/l	100
49) 1,4-Dioxane	7.73	88	184488	898.212	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	3246144	275.378	ug/l	100
52) Toluene	8.78	92	1051610	58.333	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	649307	62.230	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	712291	61.028	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	423116	56.625	ug/l	98
56) Ethyl methacrylate	9.17	69	702778	54.932	ug/l	98
57) 1,3-Dichloropropane	9.36	76	714314	56.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1415528	277.056	ug/l	99
59) 2-Hexanone	9.48	43	2598387	285.240	ug/l	100
60) Dibromochloromethane	9.57	129	463362	60.633	ug/l	99
61) 1,2-Dibromoethane	9.67	107	457623	57.674	ug/l	98
64) Tetrachloroethene	9.33	164	403974	57.317	ug/l	98
65) Chlorobenzene	10.13	112	1139299	57.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	428516	58.550	ug/l	99
67) Ethyl Benzene	10.24	91	2032664	59.086	ug/l	99
68) m/p-Xylenes	10.35	106	1546723	118.884	ug/l	100
69) o-Xylene	10.70	106	744275	58.431	ug/l	99
70) Styrene	10.71	104	1303222	61.206	ug/l	99
71) Bromoform	10.85	173	366492	53.751	ug/l #	99
73) Isopropylbenzene	11.01	105	1988196	58.635	ug/l	100
74) N-amyl acetate	10.89	43	940504	59.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	674821	54.553	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	549567m	52.906	ug/l	
77) Bromobenzene	11.25	156	522951	57.852	ug/l	96
78) n-propylbenzene	11.35	91	2283433	60.454	ug/l	99
79) 2-Chlorotoluene	11.42	91	1333338	58.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1681714	59.544	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	240543	59.605	ug/l	97
82) 4-Chlorotoluene	11.51	91	1578917	59.270	ug/l	100
83) tert-Butylbenzene	11.76	119	1678749	59.046	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1684836	59.467	ug/l	100
85) sec-Butylbenzene	11.94	105	1901501	58.193	ug/l	99
86) p-Isopropyltoluene	12.06	119	1784323	59.302	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	930769	57.766	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	945136	57.572	ug/l	99
89) n-Butylbenzene	12.38	91	1596874	60.823	ug/l	100
90) Hexachloroethane	12.59	117	317599	59.243	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	933027	57.929	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	154494	51.263	ug/l	98

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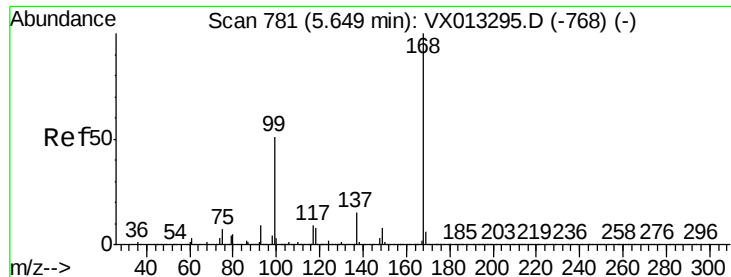
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	684183	60.898	ug/l	98
94) Hexachlorobutadiene	13.77	225	266295	48.448	ug/l	99
95) Naphthalene	13.83	128	2119056	60.116	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	657905	58.391	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 734334

Ion Ratio Lower Upper

168 100

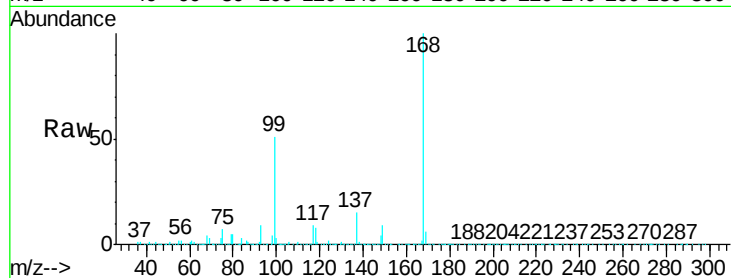
99 50.6 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

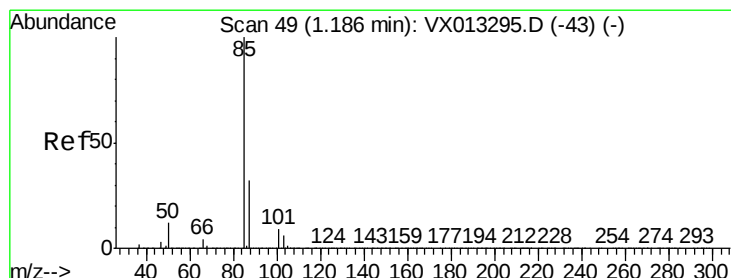
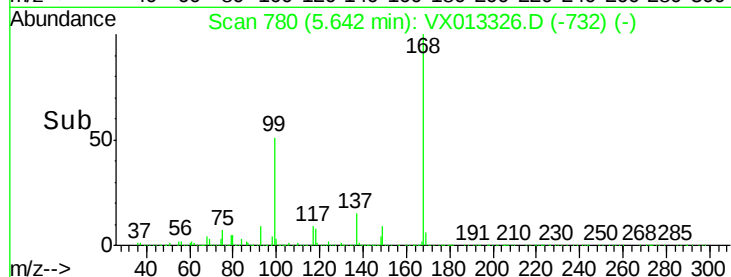
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.223 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013326.D

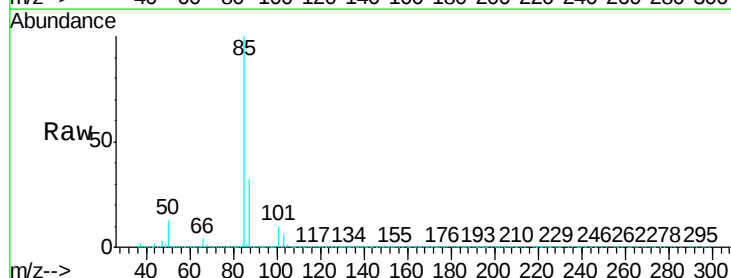
Acq: 04 Nov 2019 16:22

Tgt Ion: 85 Resp: 484168

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600000

500000

400000

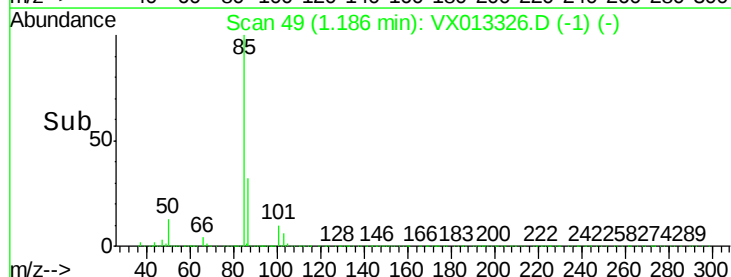
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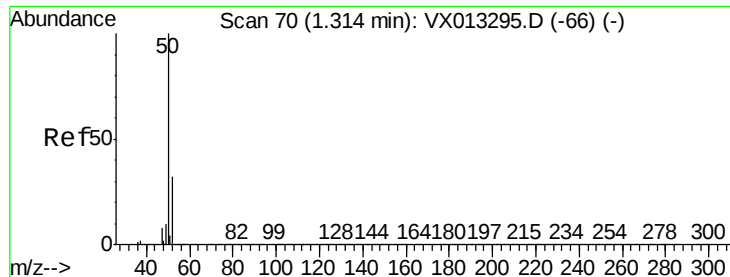
200000

100000

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Time-->





#3

Chloromethane

Concen: 53.087 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 487092

Ion Ratio Lower Upper

50 100

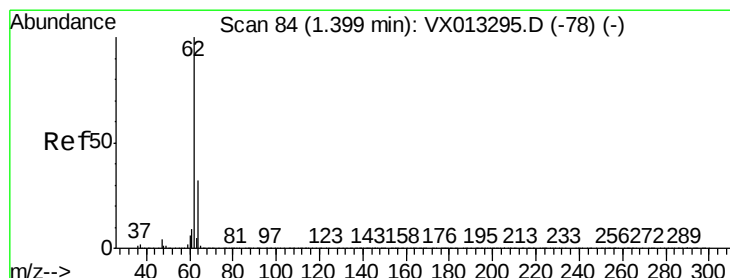
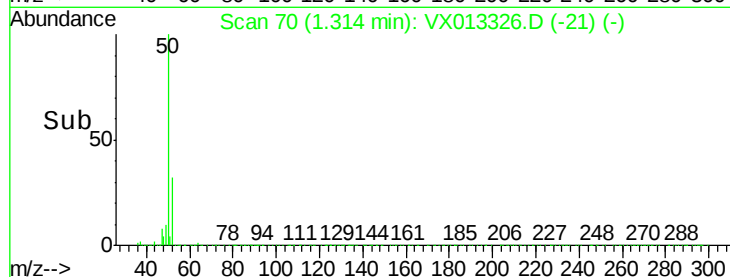
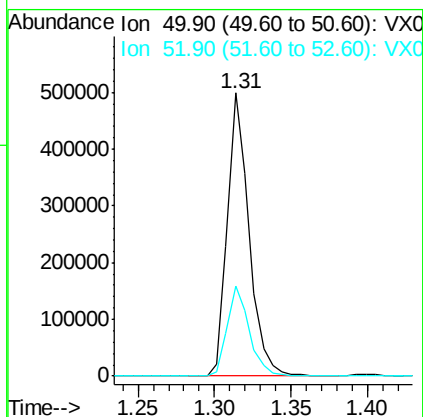
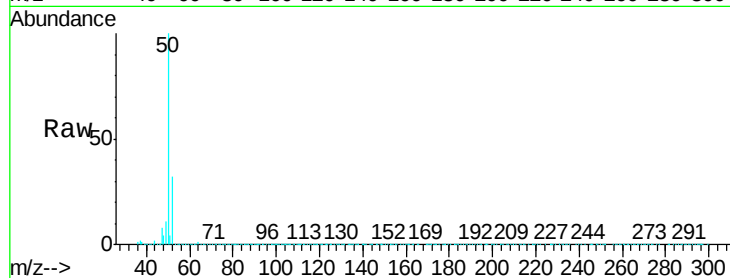
52 31.7 25.5 38.3

Manual Integrations

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11/5/2019 10:37:21 AM



#4

Vinyl Chloride

Concen: 55.746 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013326.D

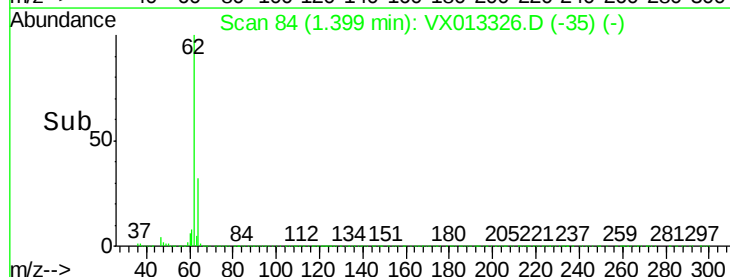
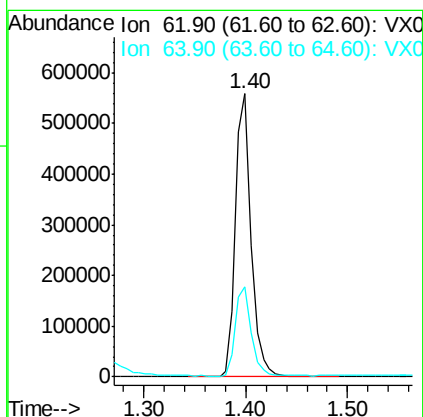
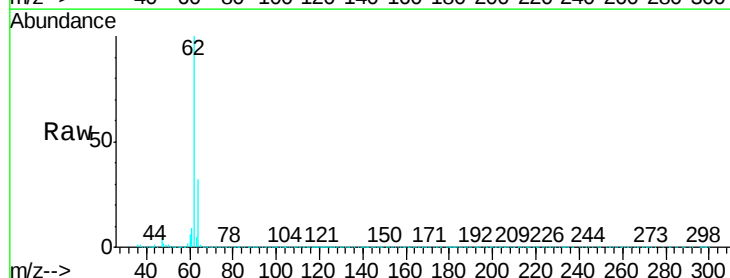
Acq: 04 Nov 2019 16:22

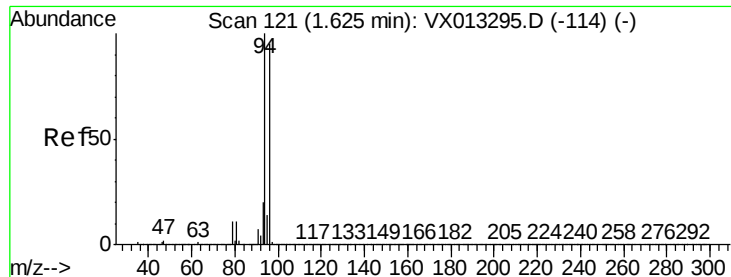
Tgt Ion: 62 Resp: 582318

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 46.085 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 335475

Ion Ratio Lower Upper

94 100

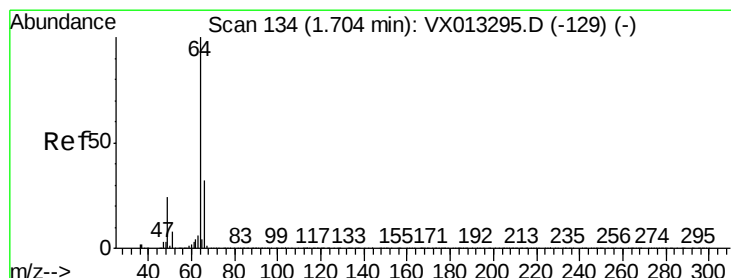
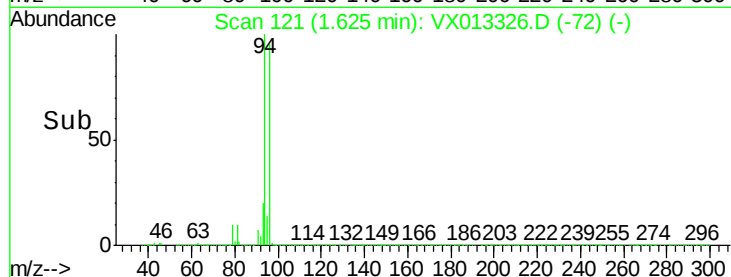
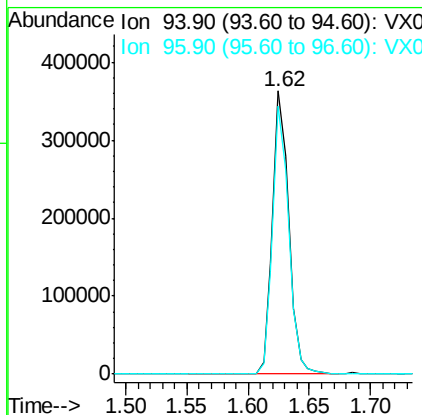
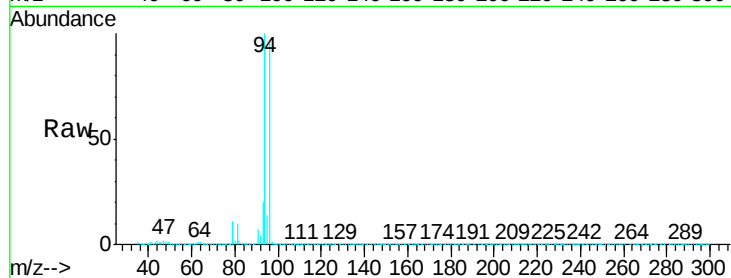
96 94.6 75.8 113.8

Manual Integrations

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11/5/2019 10:37:21 AM



#6

Chloroethane

Concen: 51.670 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013326.D

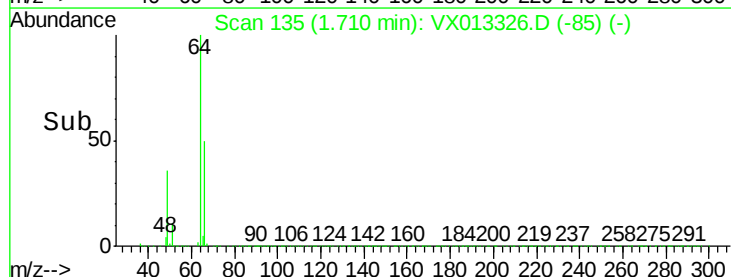
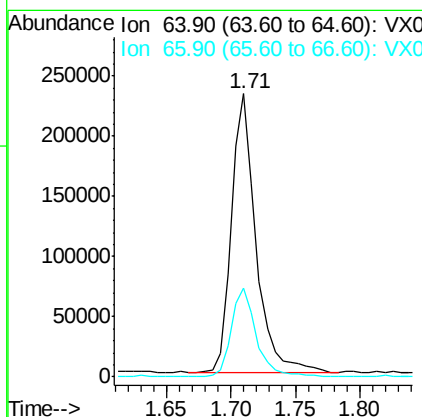
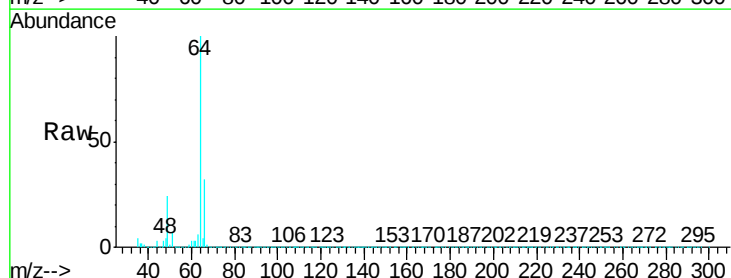
Acq: 04 Nov 2019 16:22

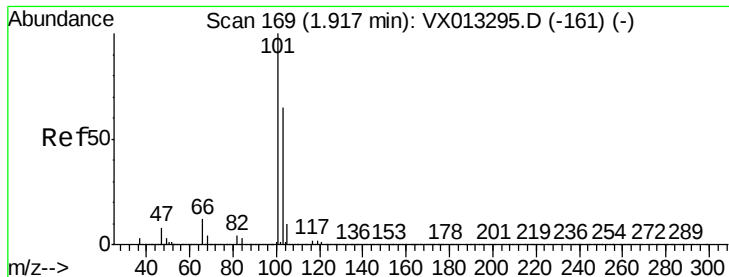
Tgt Ion: 64 Resp: 308299

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4





#7

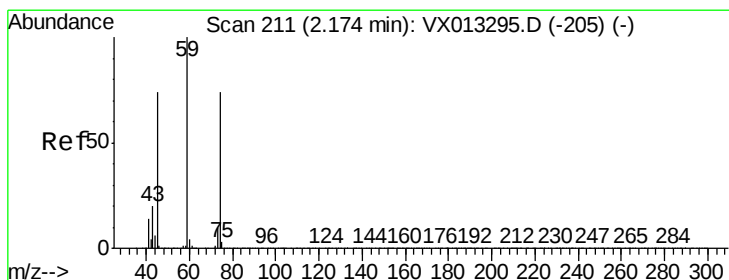
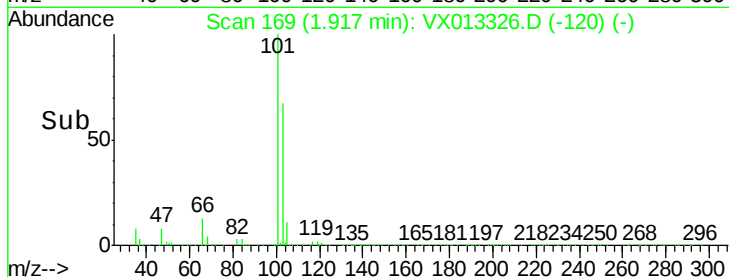
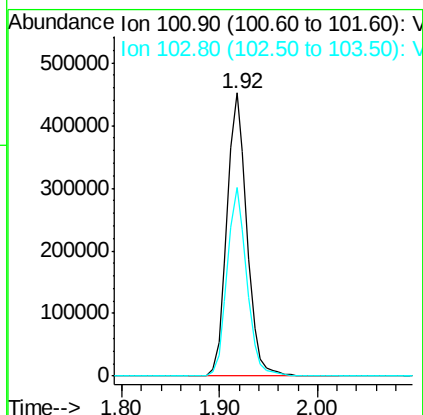
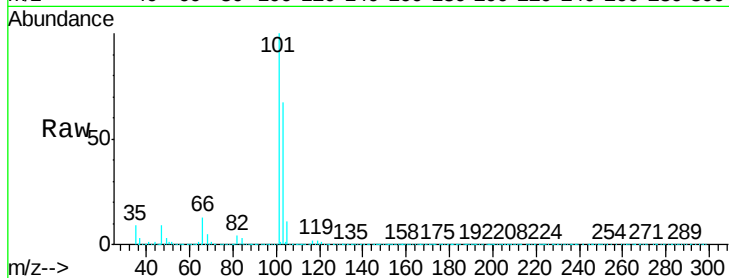
Trichlorofluoromethane
Concen: 51.858 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.3	78.5

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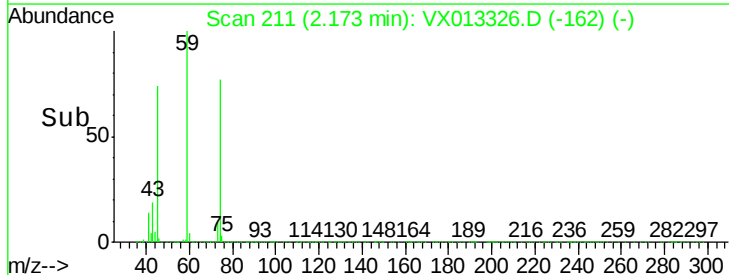
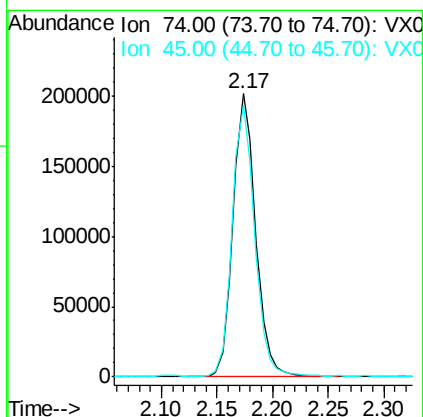
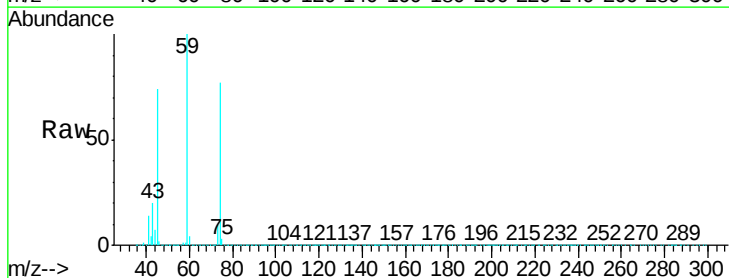
MMDadoda
11/5/2019 10:37:21 AM

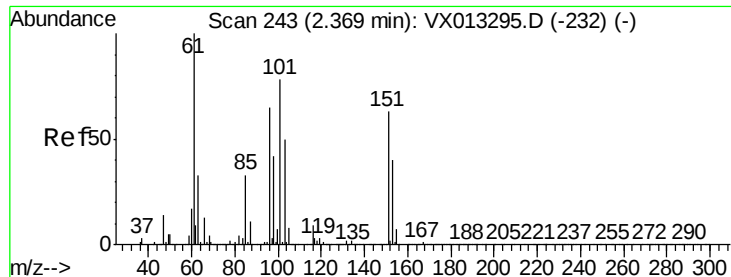


#8

Diethyl Ether
Concen: 51.893 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.363 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

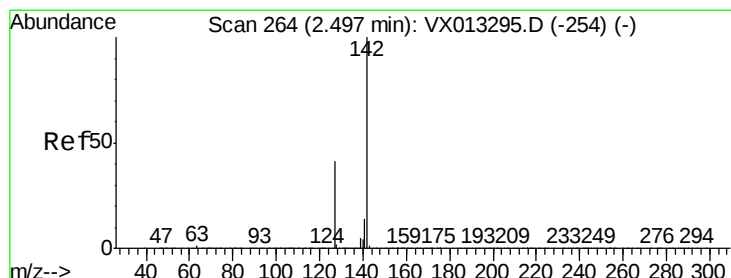
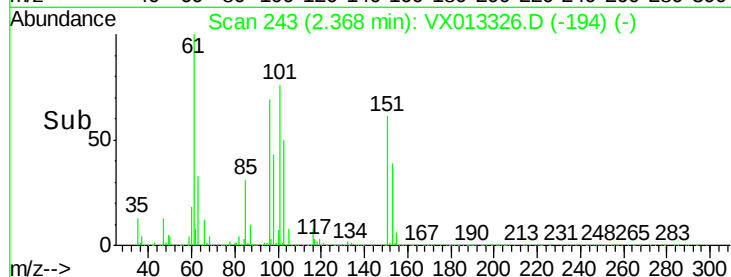
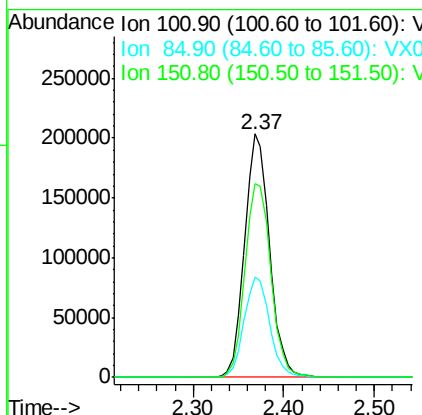
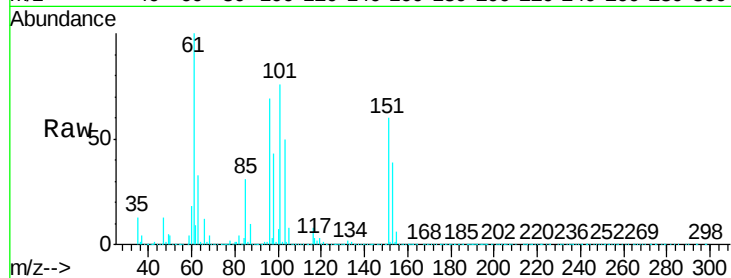
ClientSampleId :

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Tgt Ion:	101	Resp:	387697
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.4	51.6
151	82.9	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 49.375 ug/l

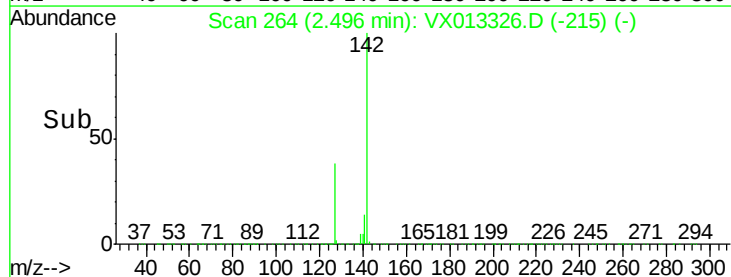
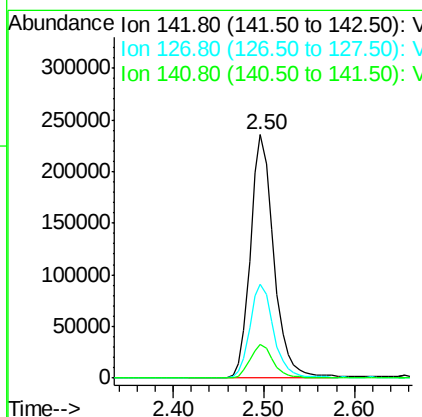
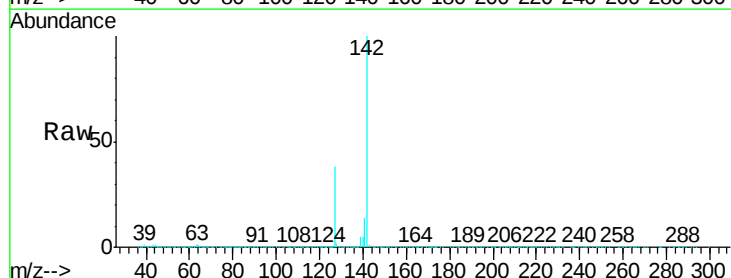
RT: 2.50 min Scan# 264

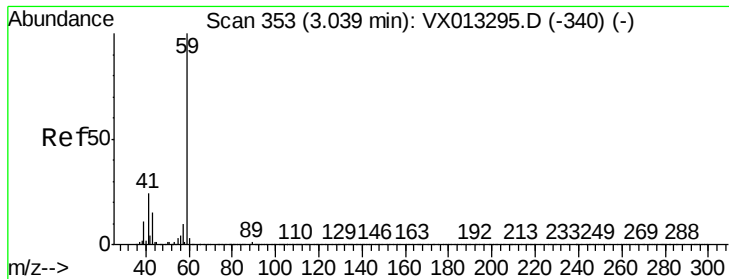
Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Tgt Ion:	142	Resp:	420491
Ion Ratio	Lower	Upper	
142	100		
127	39.2	32.6	49.0
141	14.1	11.6	17.4





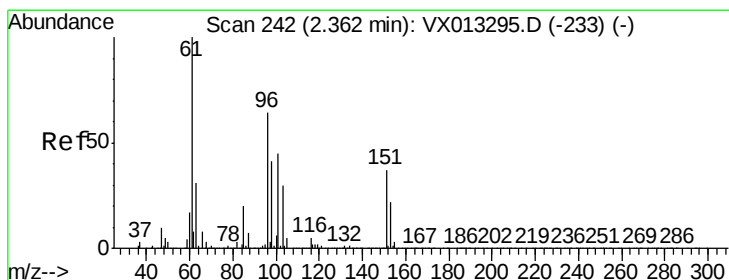
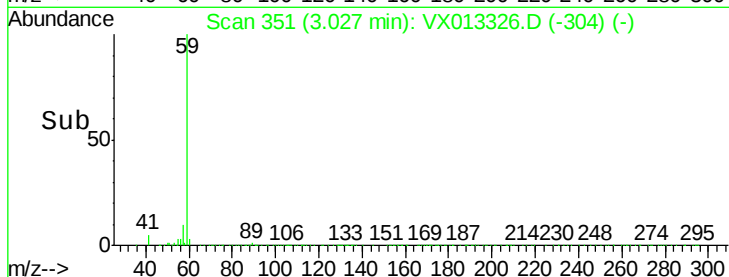
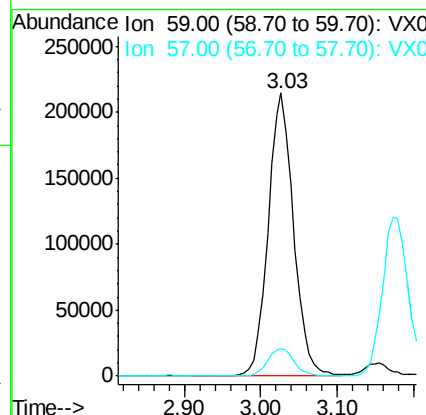
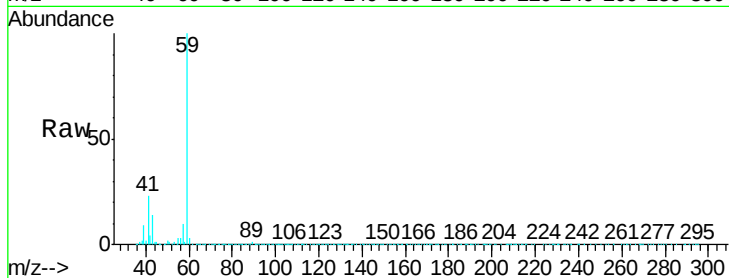
#11
Tert butyl alcohol
Concen: 215.479 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 494089
Ion Ratio Lower Upper
59 100
57 10.4 8.0 12.0

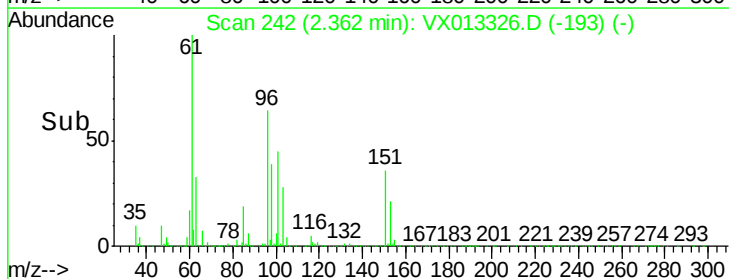
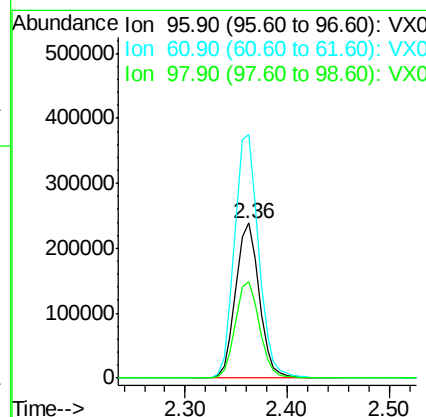
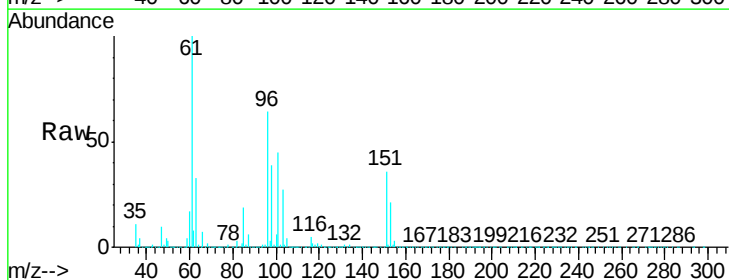
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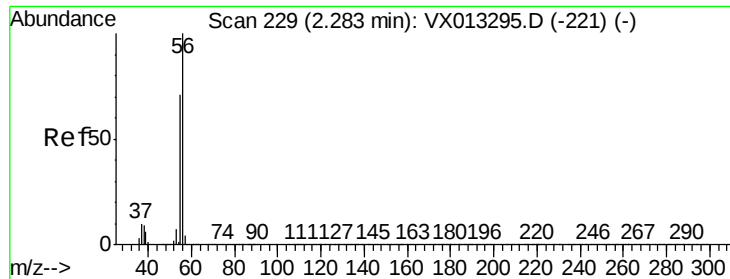
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#12
1,1-Dichloroethene
Concen: 56.581 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion: 96 Resp: 381125
Ion Ratio Lower Upper
96 100
61 157.1 125.0 187.6
98 61.8 50.7 76.1





#13

Acrolein

Concen: 284.303 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 353312

Ion Ratio Lower Upper

56 100

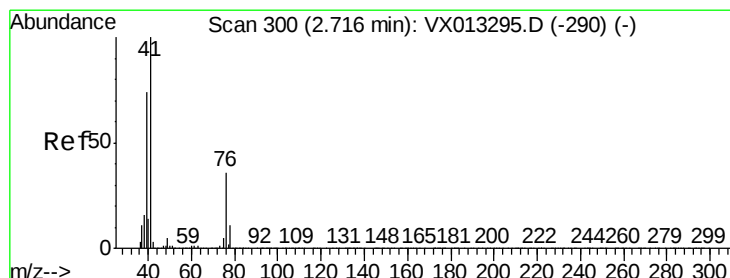
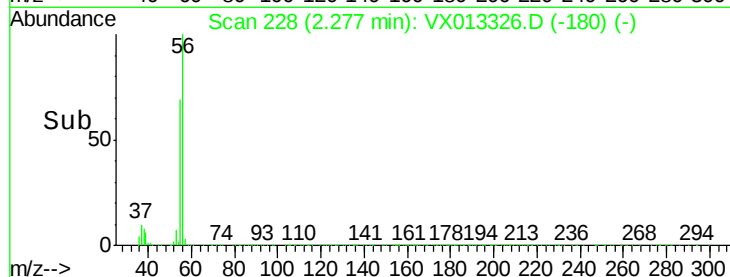
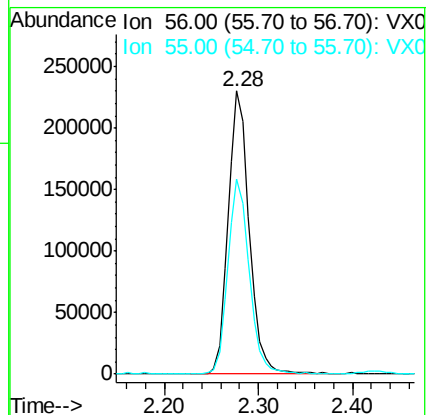
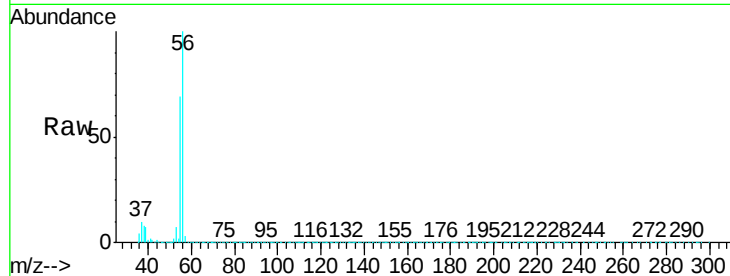
55 69.7 57.4 86.0

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#14

Allyl chloride

Concen: 56.480 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

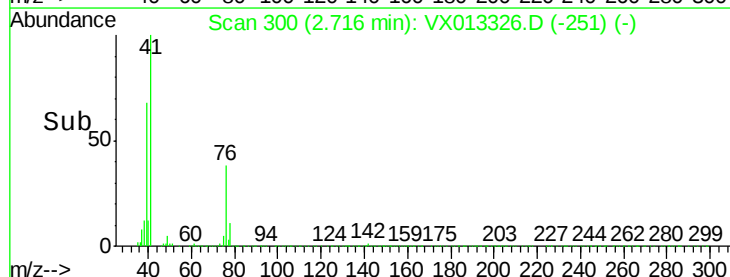
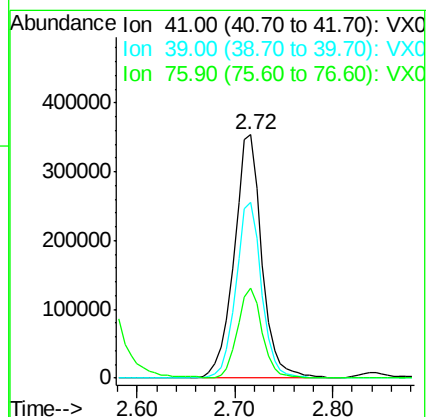
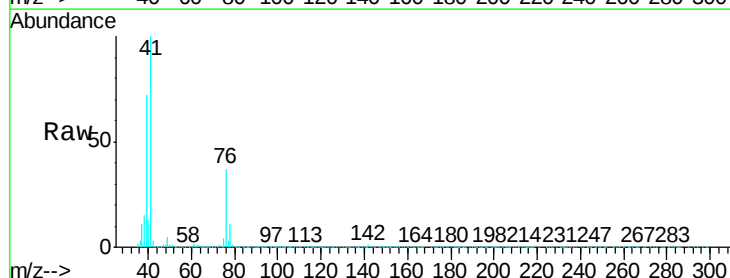
Tgt Ion: 41 Resp: 691260

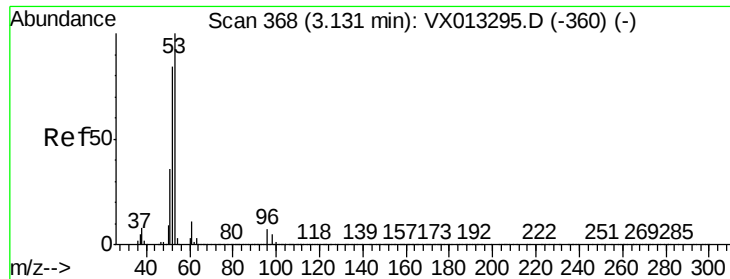
Ion Ratio Lower Upper

41 100

39 67.2 55.8 83.8

76 33.0 26.4 39.6





#15

Acrylonitrile

Concen: 271.791 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 1164132

Ion Ratio Lower Upper

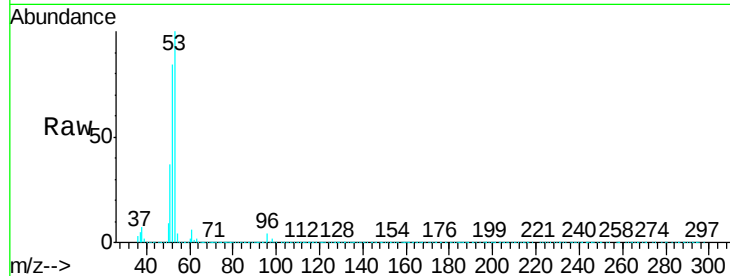
53 100

52 82.9 67.4 101.0

51 36.0 29.4 44.2

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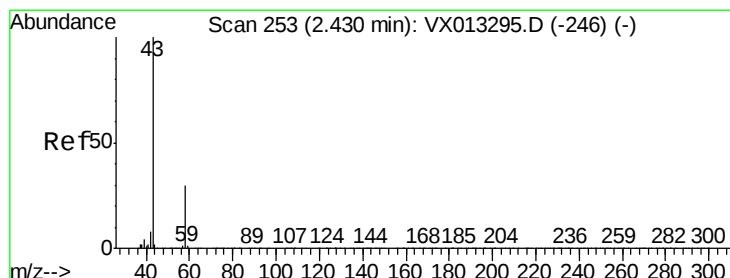
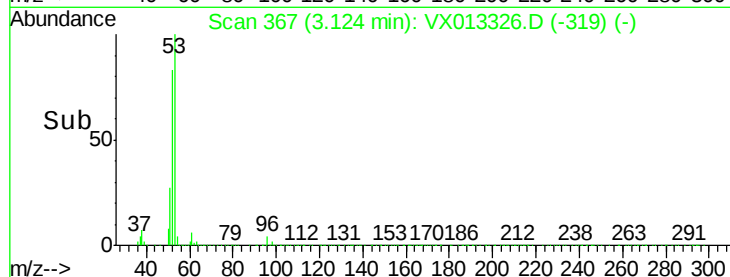
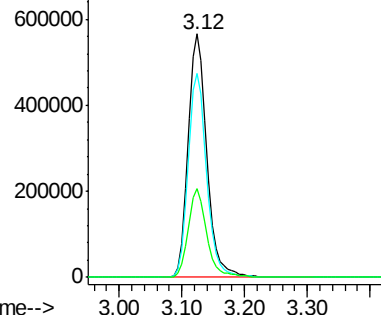
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Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 282.483 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013326.D

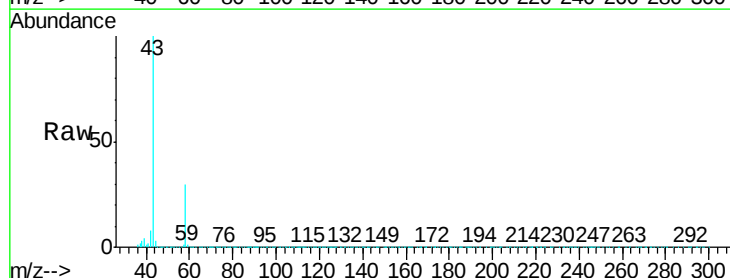
Acq: 04 Nov 2019 16:22

Tgt Ion: 43 Resp: 1225776

Ion Ratio Lower Upper

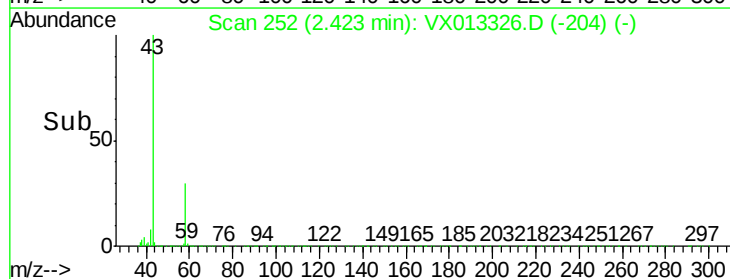
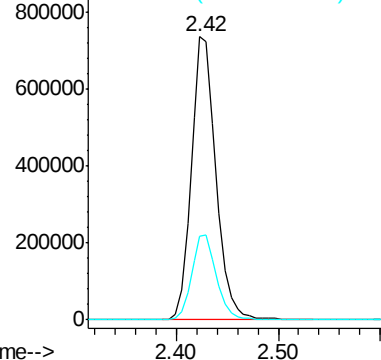
43 100

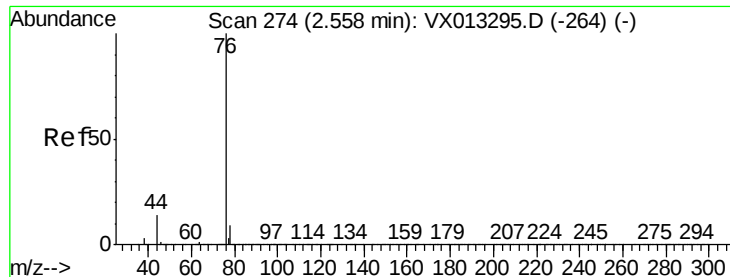
58 29.7 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 56.391 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1016682

Ion Ratio Lower Upper

76 100

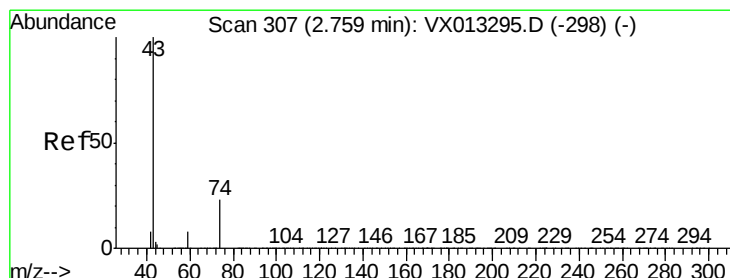
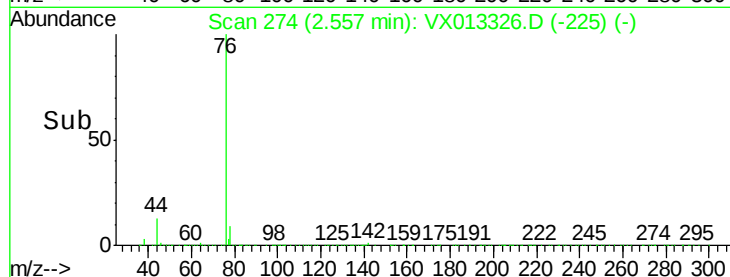
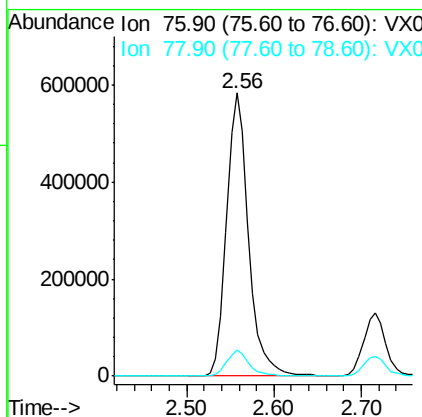
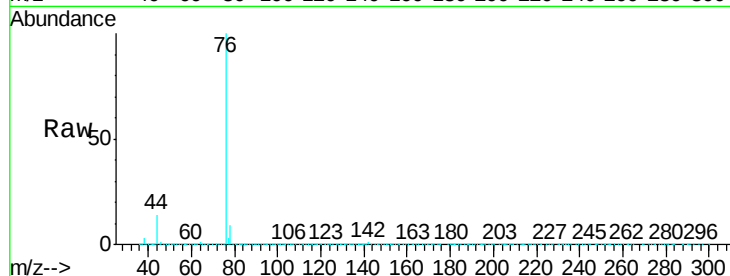
78 9.2 7.0 10.6

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#18

Methyl Acetate

Concen: 54.337 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013326.D

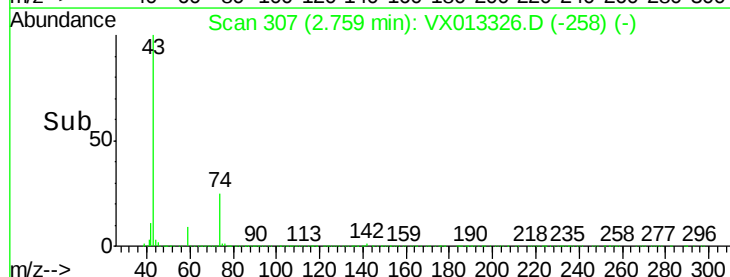
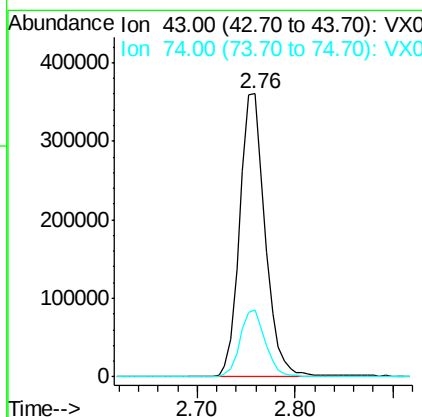
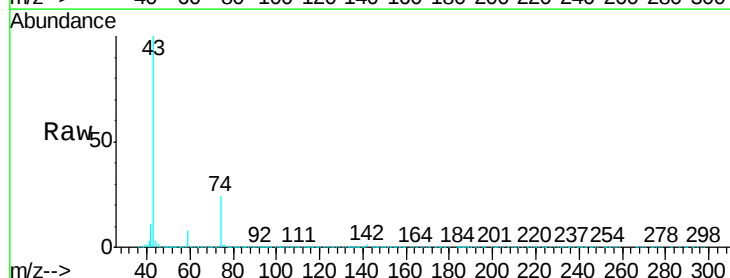
Acq: 04 Nov 2019 16:22

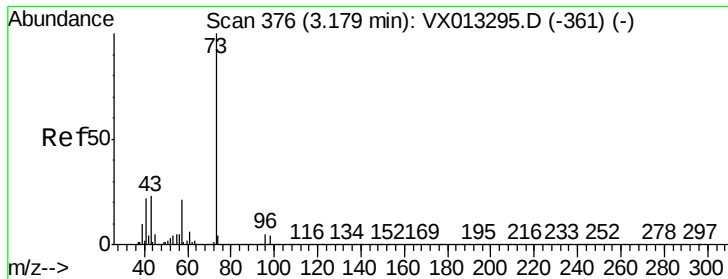
Tgt Ion: 43 Resp: 650942

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.6





#19

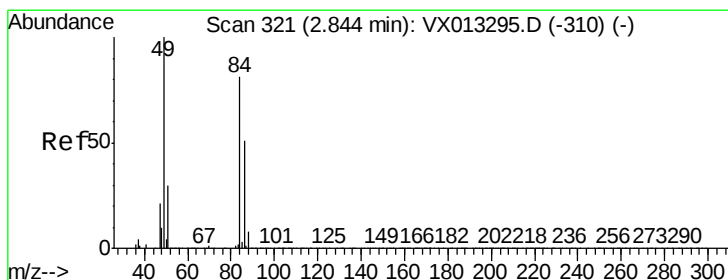
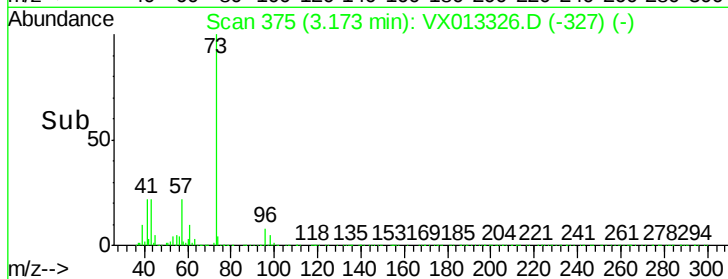
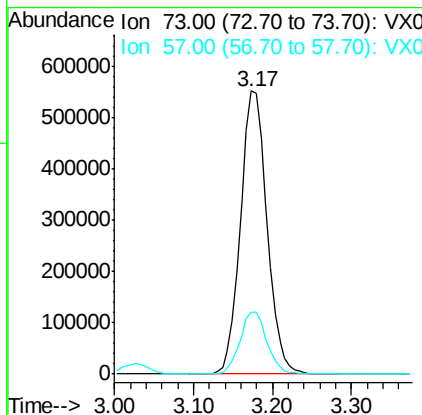
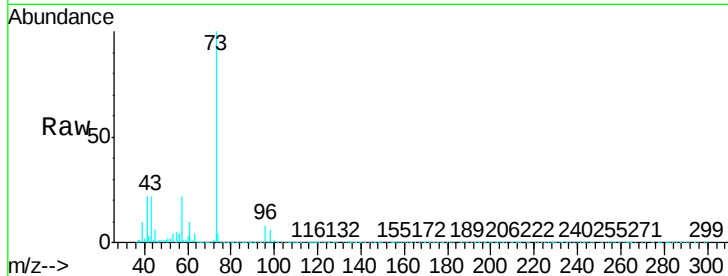
Methyl tert-butyl Ether
 Concen: 57.649 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 1295177
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.1 25.7

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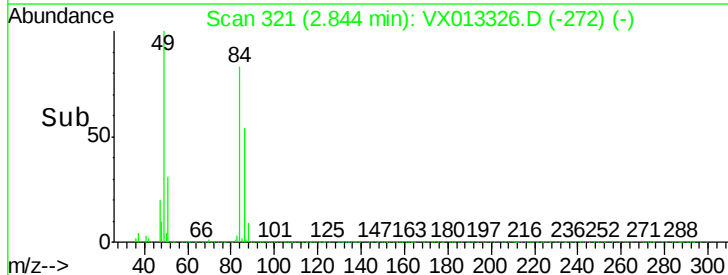
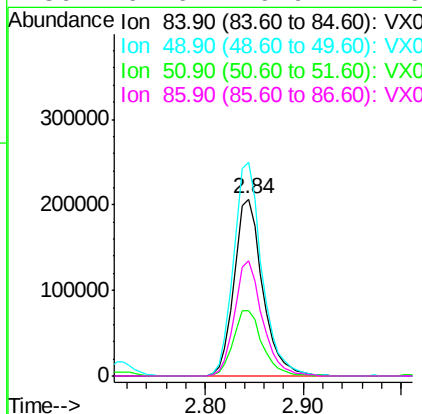
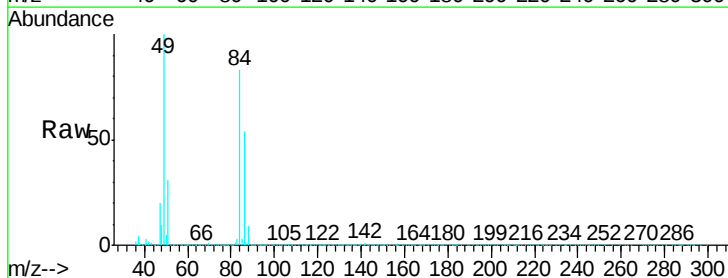
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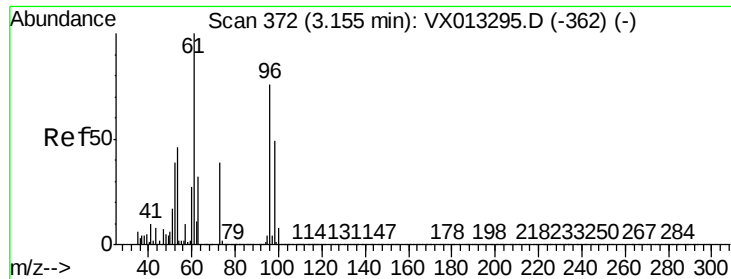


#20

Methylene Chloride
 Concen: 52.345 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Tgt Ion: 84 Resp: 419670
 Ion Ratio Lower Upper
 84 100
 49 120.4 98.2 147.4
 51 36.9 29.9 44.9
 86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.694 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 408469
Ion Ratio Lower Upper

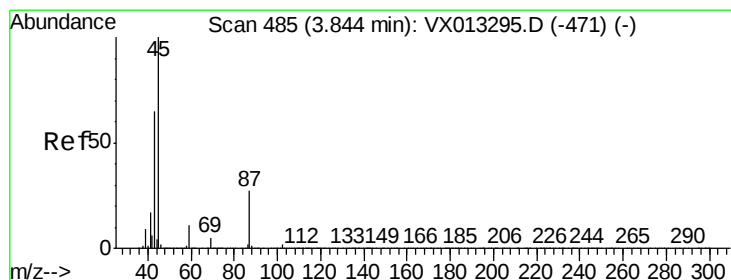
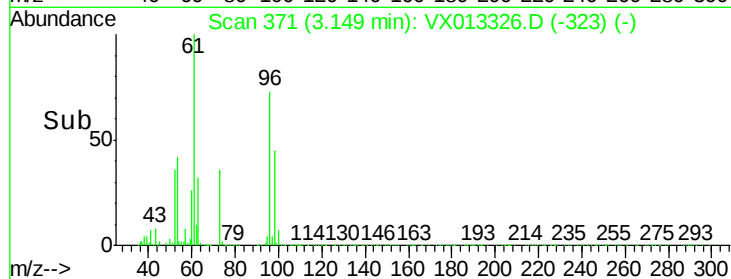
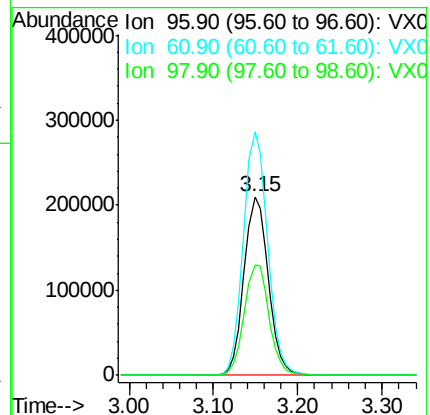
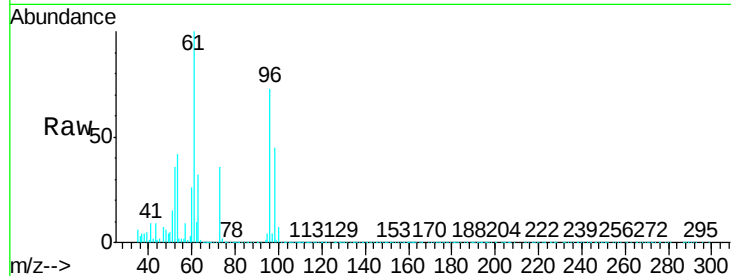
96 100

61 136.2 105.8 158.6

98 61.7 51.8 77.6

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#22

Diisopropyl ether

Concen: 56.833 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

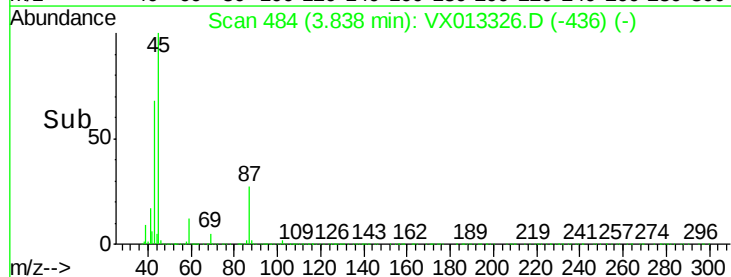
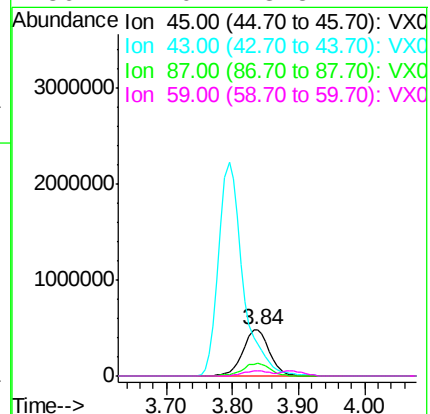
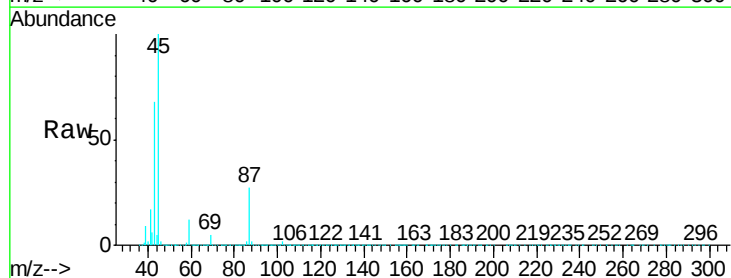
Tgt Ion: 45 Resp: 1342883
Ion Ratio Lower Upper

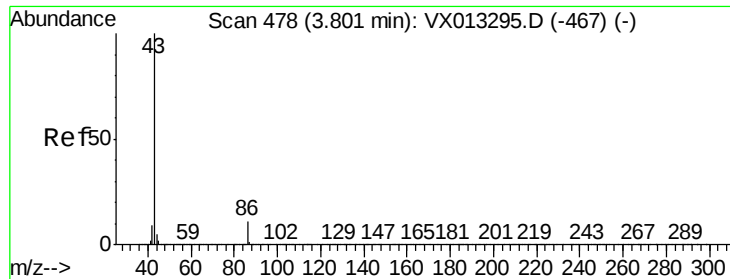
45 100

43 67.8 54.2 81.2

87 27.3 21.8 32.8

59 12.0 8.5 12.7





#23

Vinyl Acetate

Concen: 282.508 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Tgt Ion: 43 Resp: 5712008

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0

Instrument :

MSVOA_X

ClientSampleId :

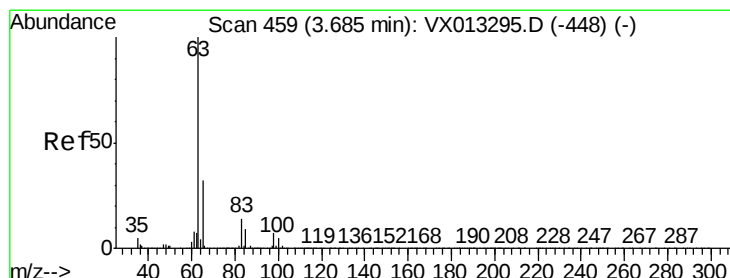
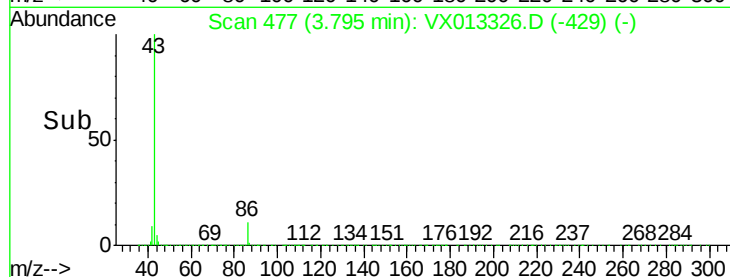
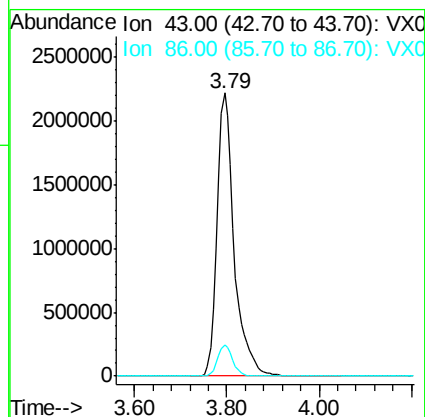
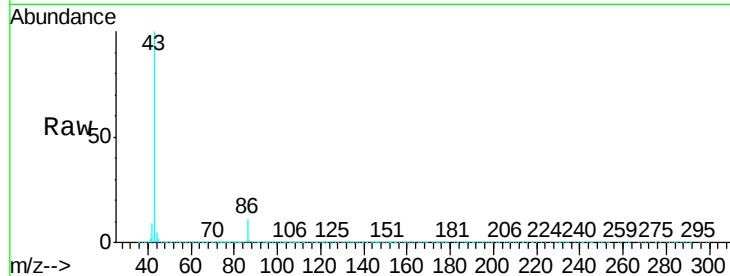
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 55.040 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

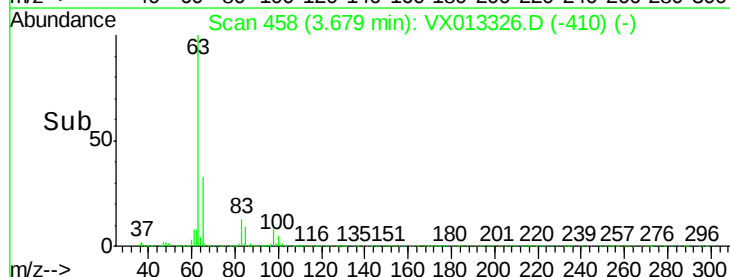
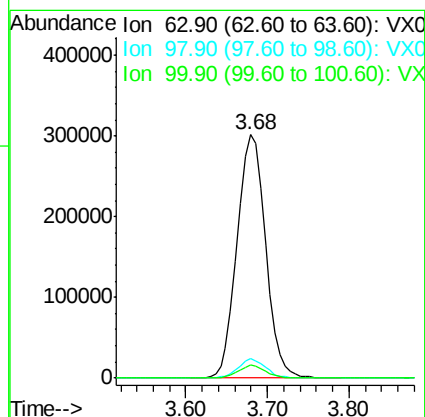
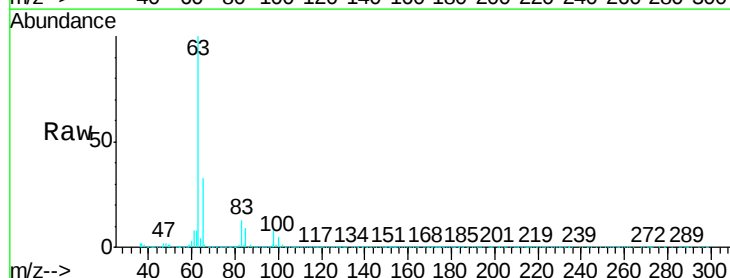
Tgt Ion: 63 Resp: 727518

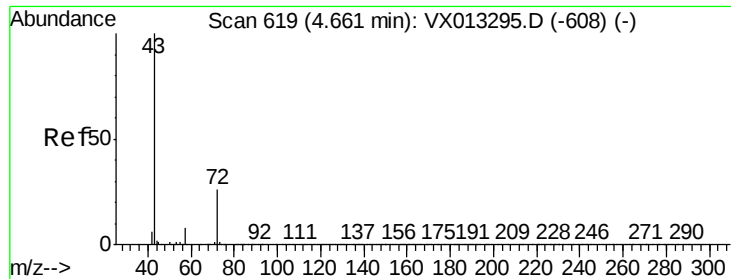
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 274.916 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1750059

Ion Ratio Lower Upper

43 100

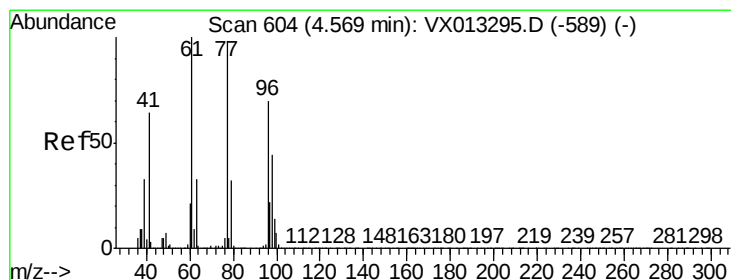
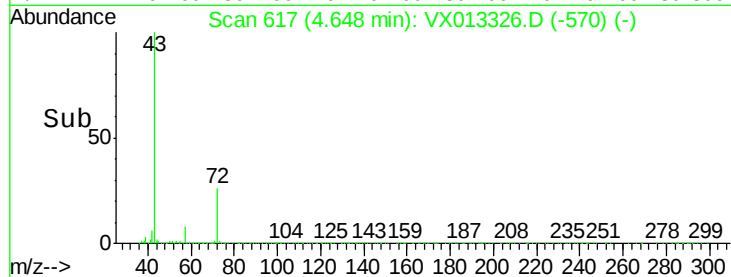
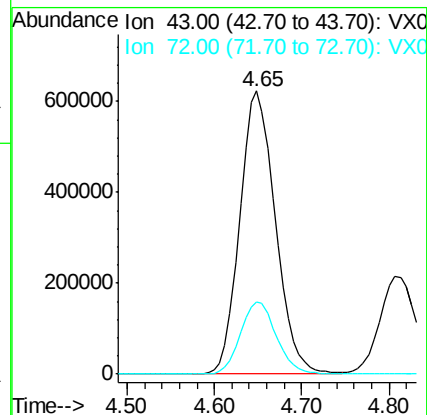
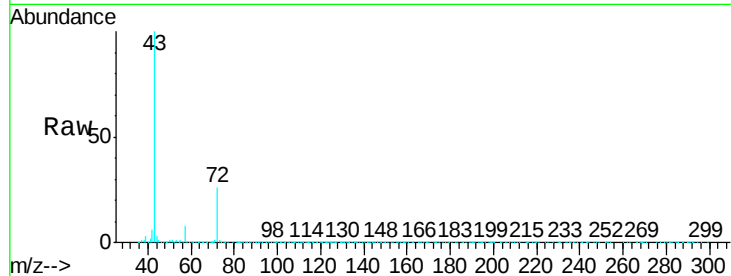
72 25.6 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 60.685 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013326.D

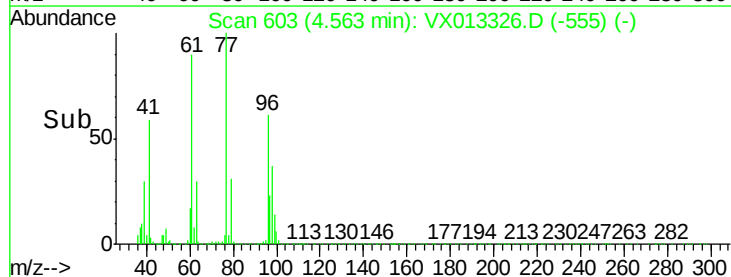
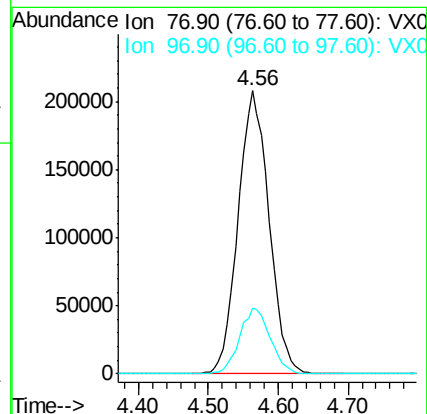
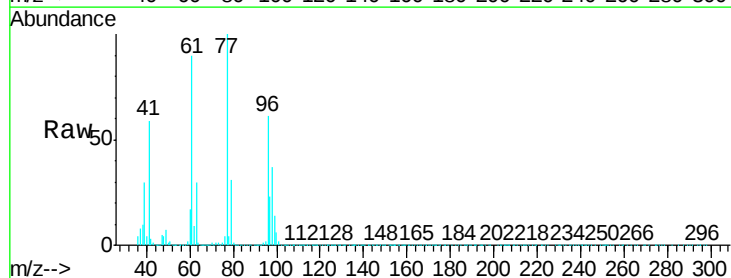
Acq: 04 Nov 2019 16:22

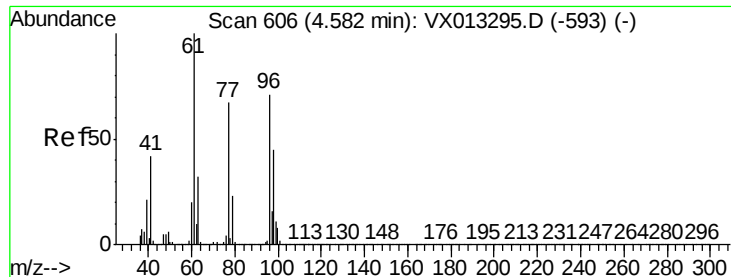
Tgt Ion: 77 Resp: 638118

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8





#27

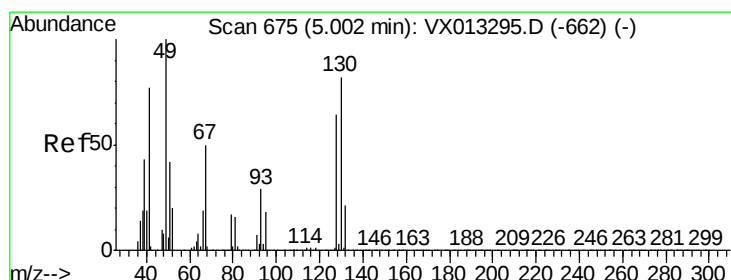
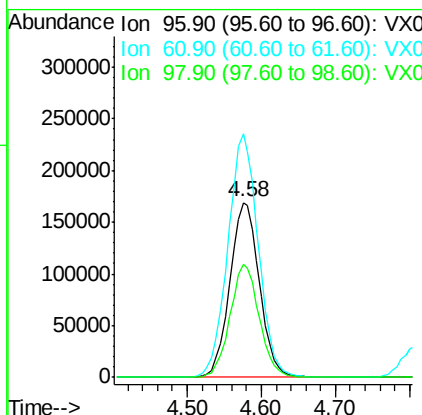
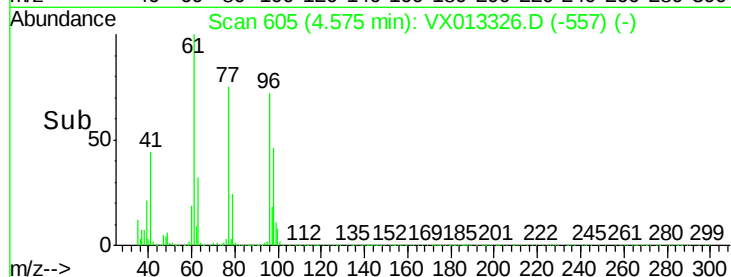
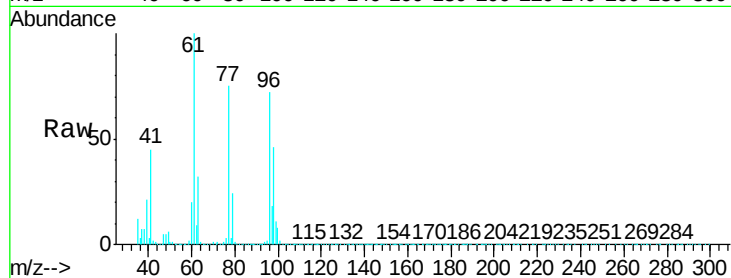
cis-1,2-Dichloroethene
Concen: 56.802 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	466678		
61	143.4	0.0	288.0	
98	64.4	0.0	129.6	

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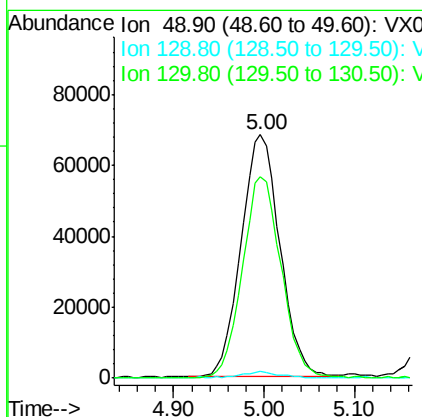
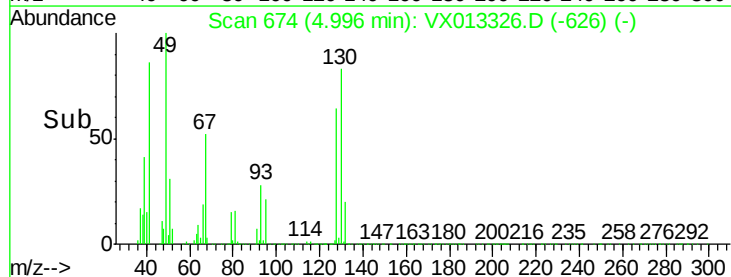
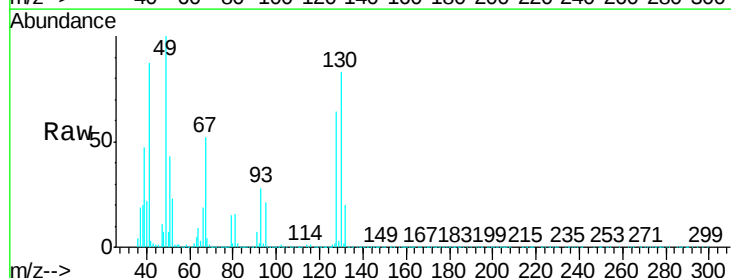
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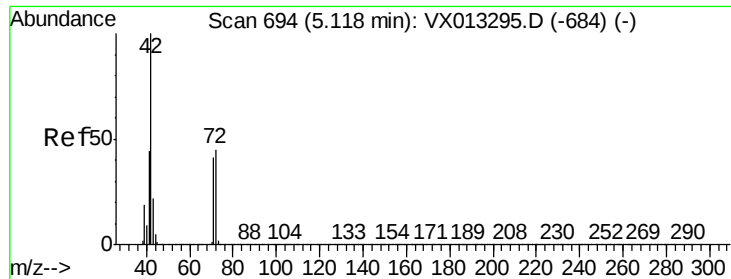


#28

Bromochloromethane
Concen: 54.378 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	204081		
129	2.6	0.0	5.2	
130	81.7	63.8	95.6	





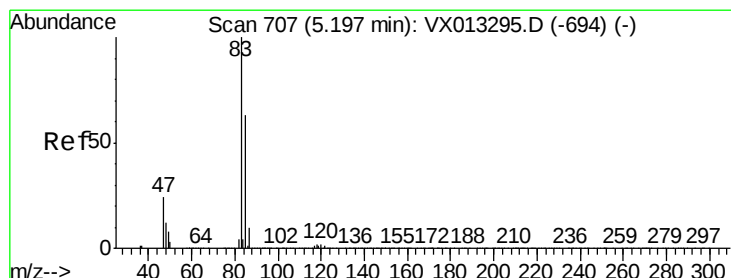
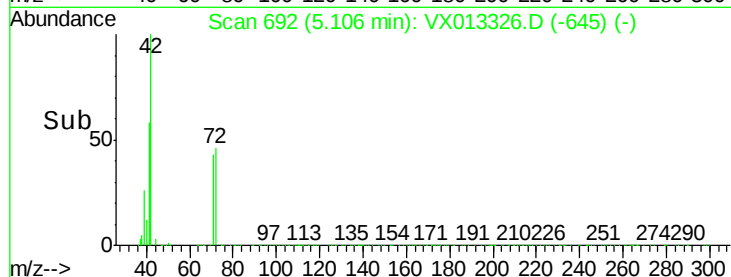
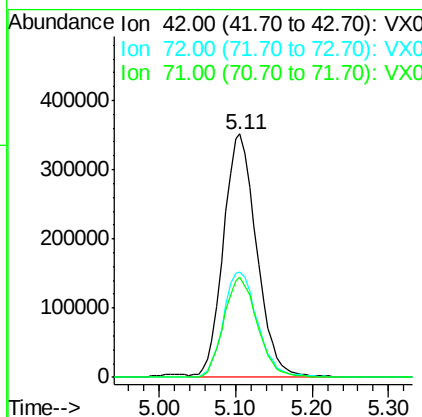
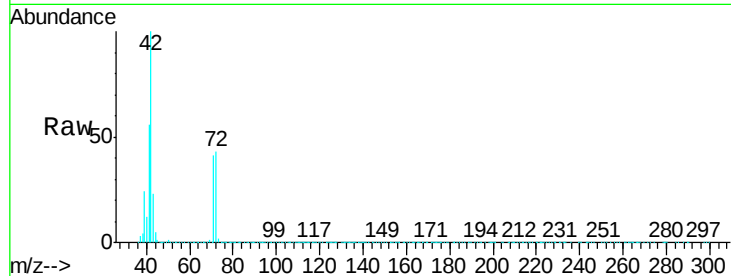
#29
Tetrahydrofuran
Concen: 266.517 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 1045510
Ion Ratio Lower Upper
42 100
72 45.2 35.8 53.8
71 41.9 33.4 50.0

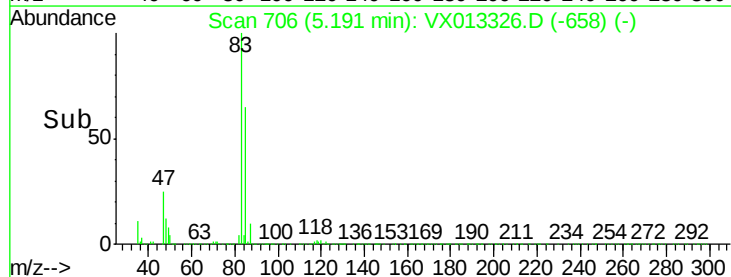
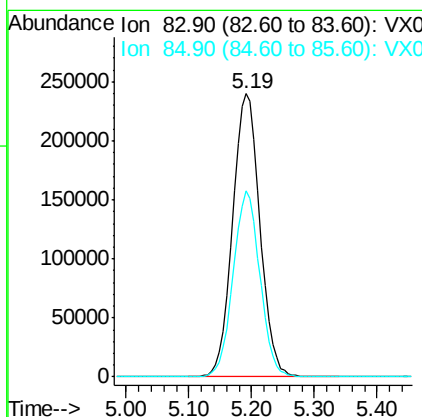
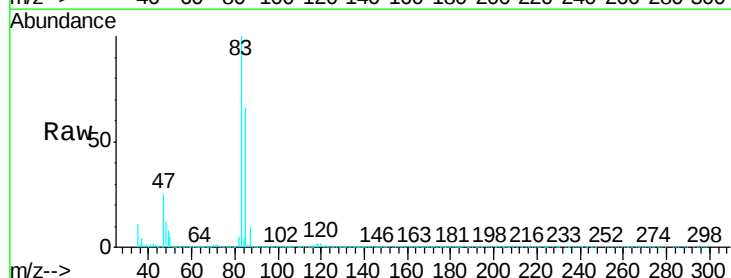
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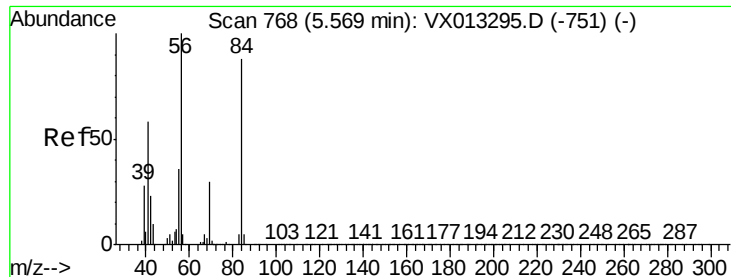
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#30
Chloroform
Concen: 55.293 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion: 83 Resp: 721686
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4





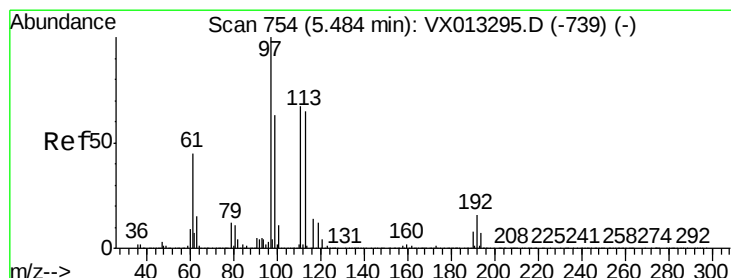
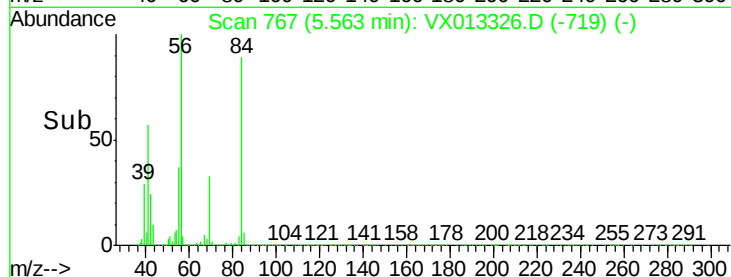
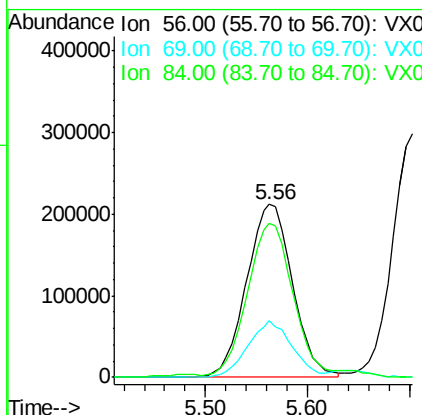
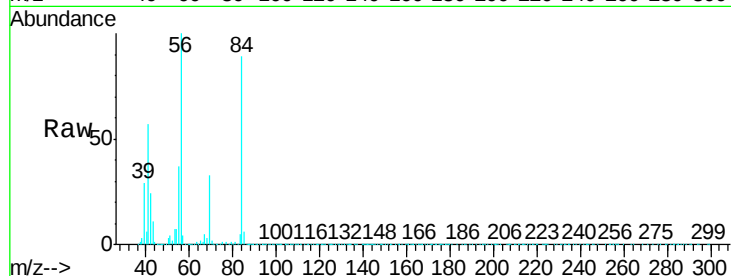
#31
Cyclohexane
Concen: 55.494 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.0	23.7	35.5
84	87.9	70.6	105.8

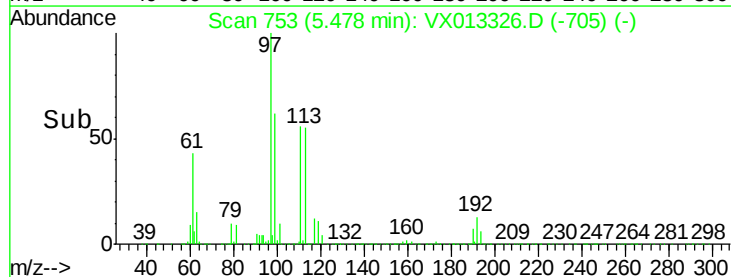
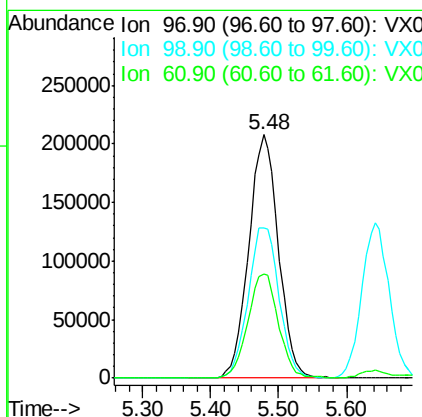
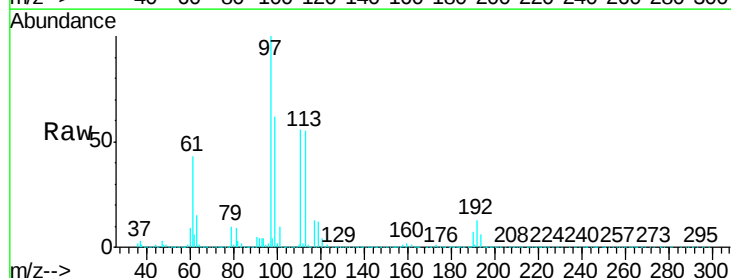
Manual Integrations
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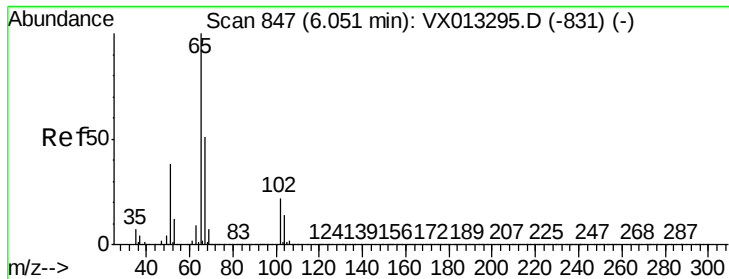
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#32
1,1,1-Trichloroethane
Concen: 55.982 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	44.4	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.601 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 405418

Ion Ratio Lower Upper

65 100

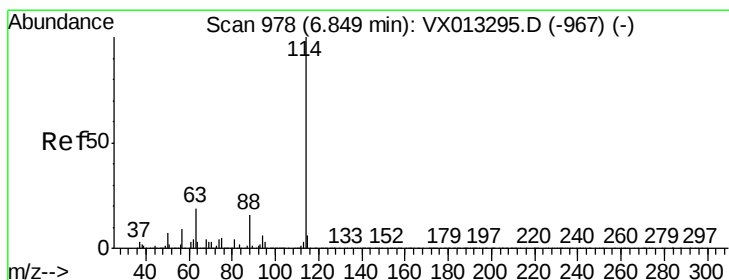
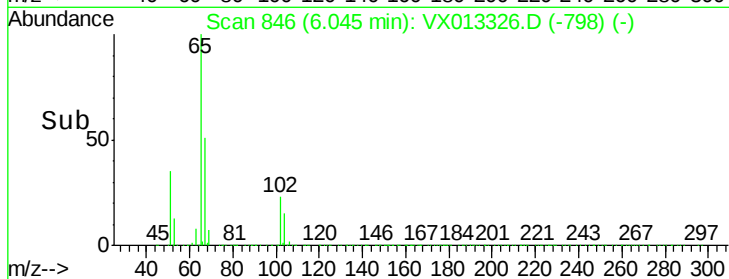
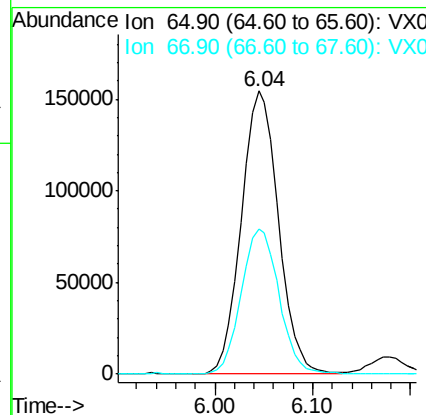
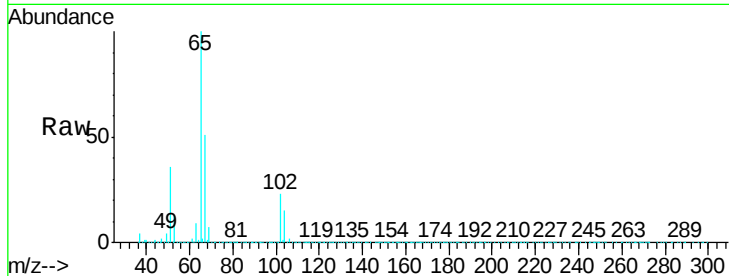
67 52.5 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

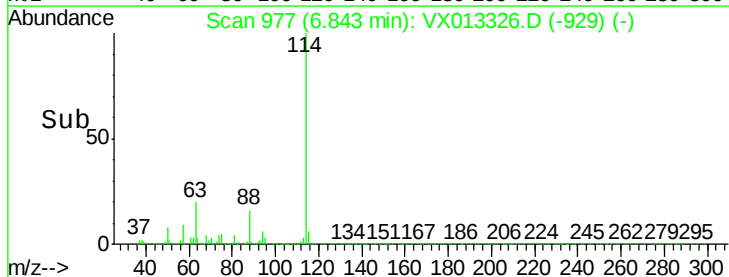
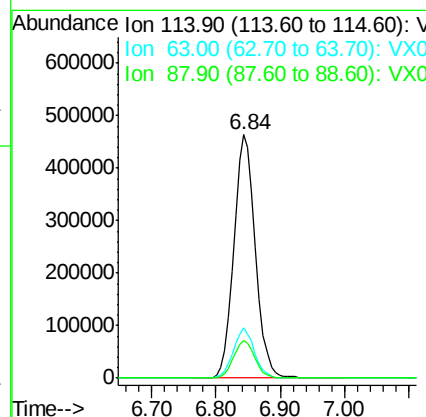
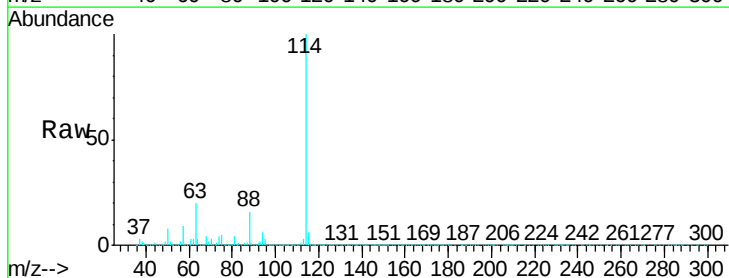
Tgt Ion: 114 Resp: 1088465

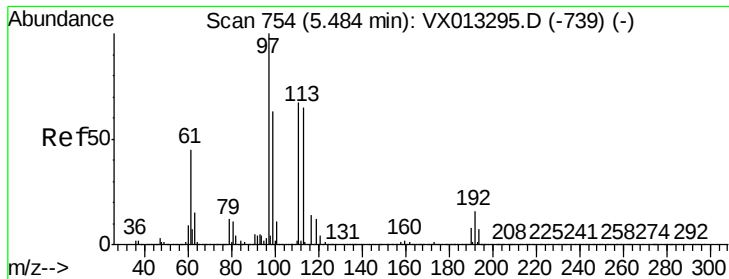
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.865 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

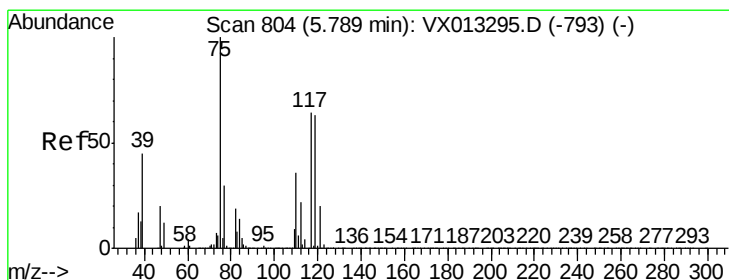
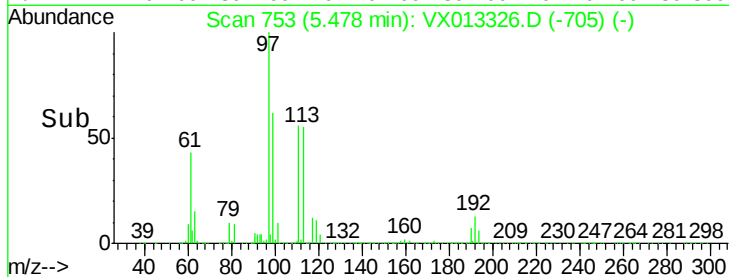
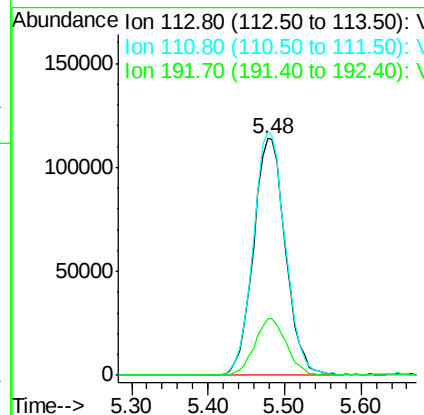
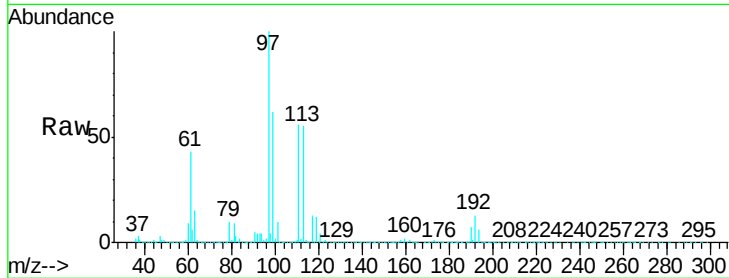
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	333601
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.9	122.9
192	23.7	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 59.980 ug/l

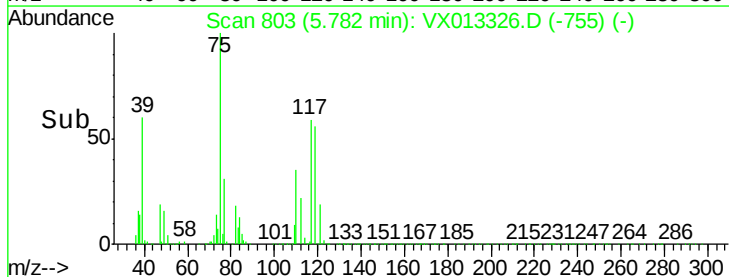
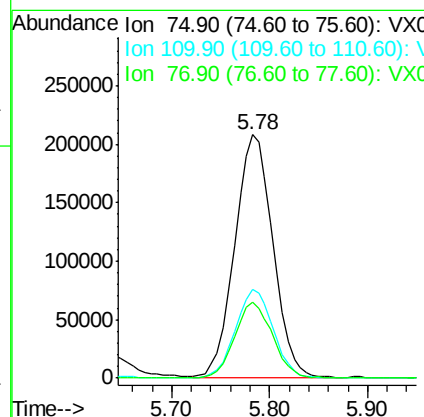
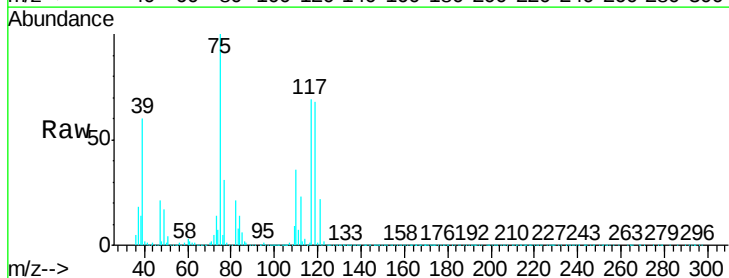
RT: 5.78 min Scan# 803

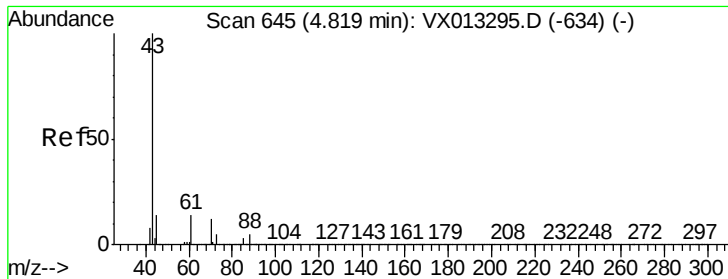
Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Tgt Ion:	75	Resp:	560072
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.1	54.1
77	30.7	25.0	37.4





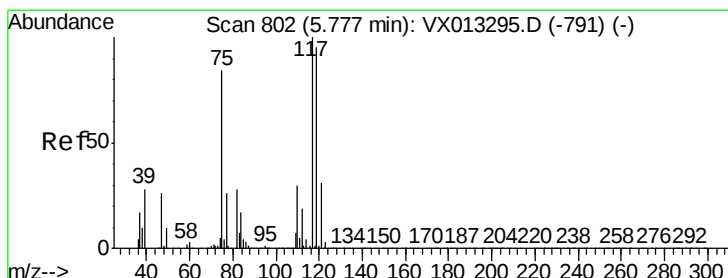
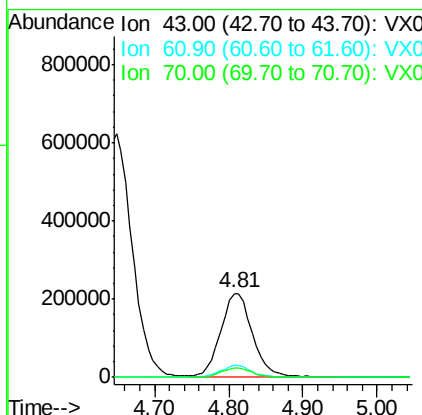
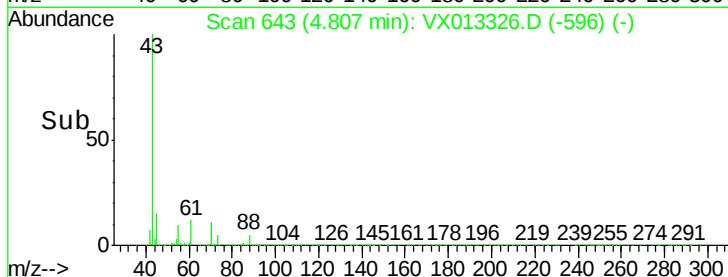
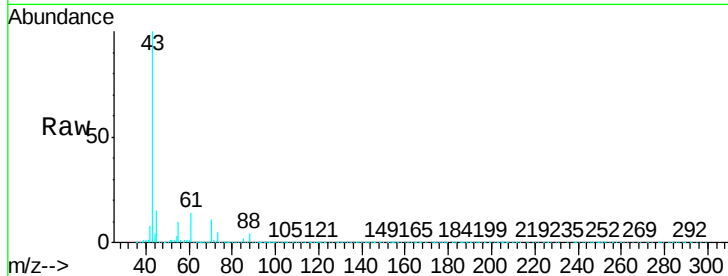
#37
Ethyl Acetate
Concen: 55.023 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.6	8.7	13.1

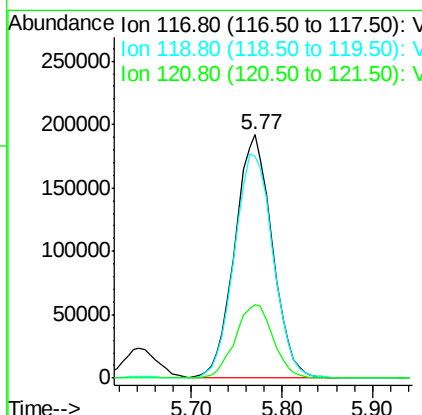
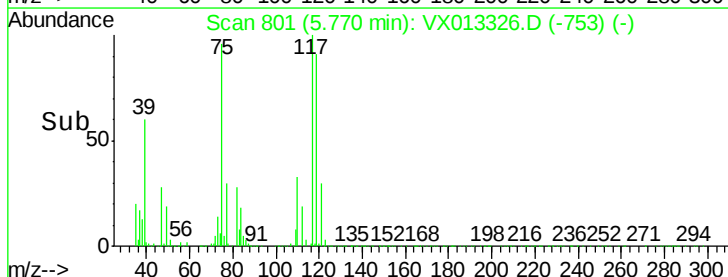
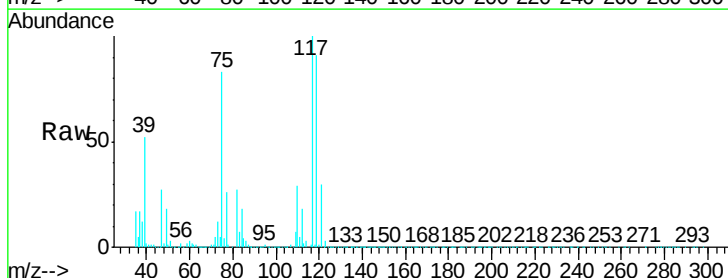
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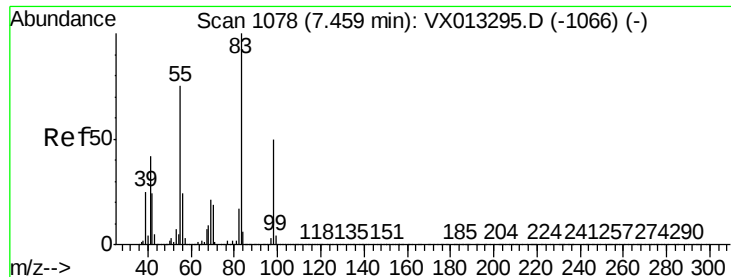
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#38
Carbon Tetrachloride
Concen: 59.918 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.1	114.1
121	30.1	24.6	37.0





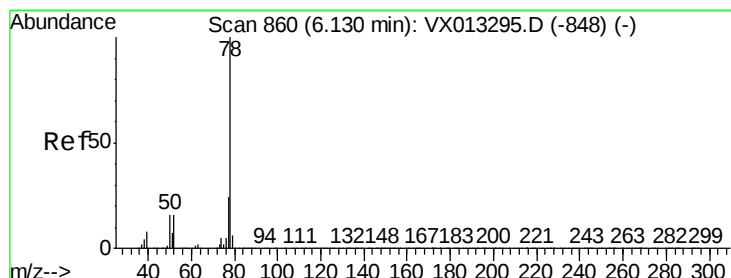
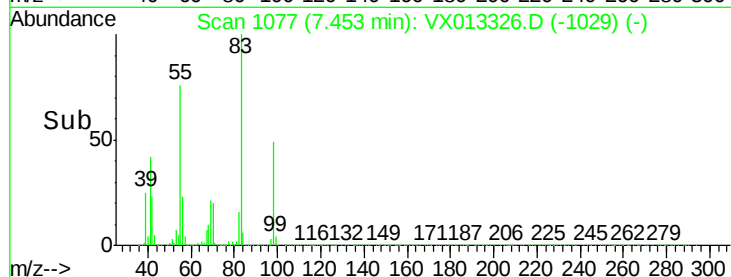
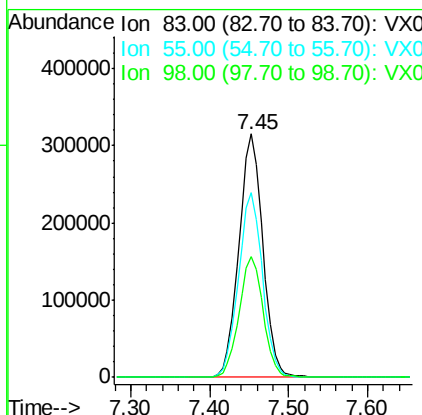
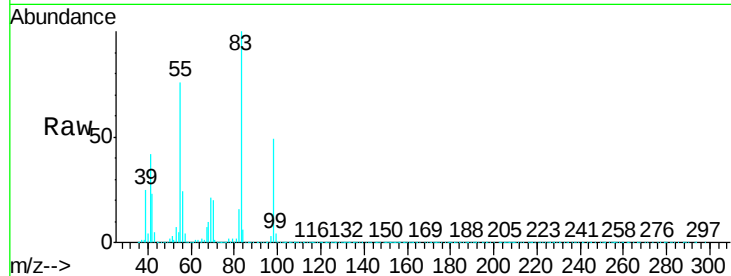
#39
Methylcyclohexane
Concen: 57.436 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.3	90.5
98	49.4	40.3	60.5

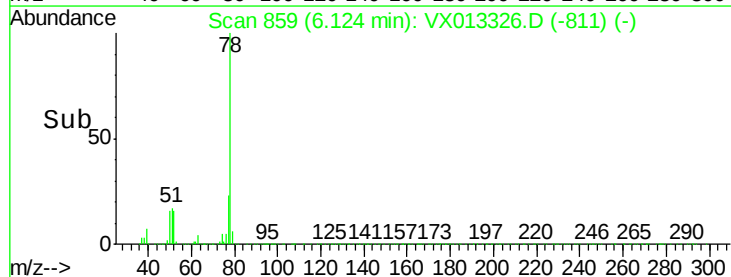
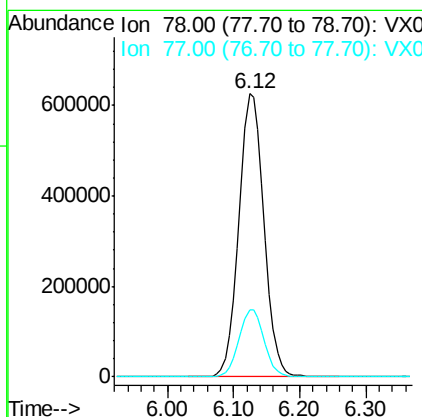
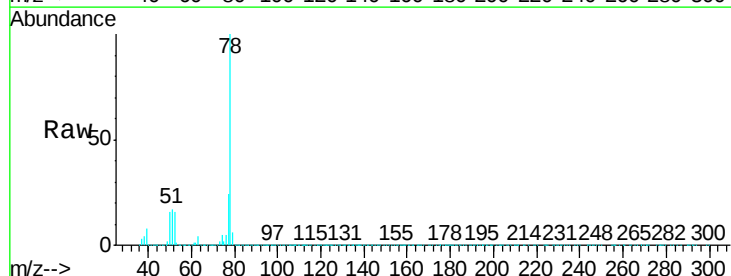
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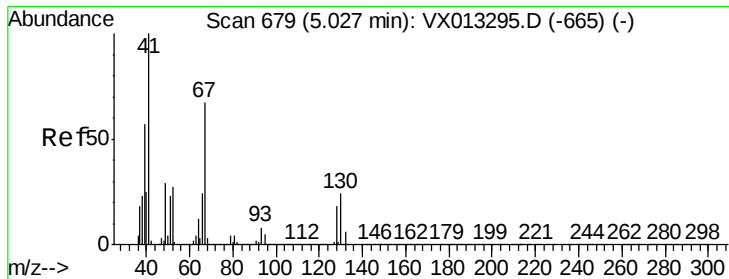
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#40
Benzene
Concen: 56.699 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





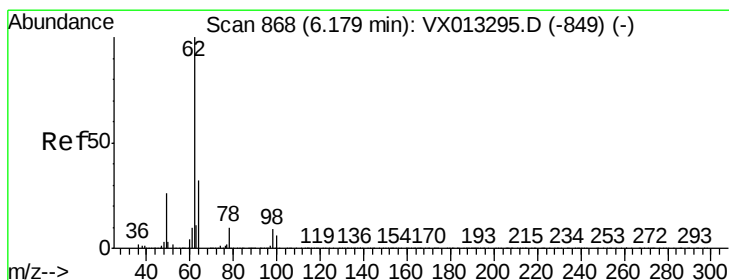
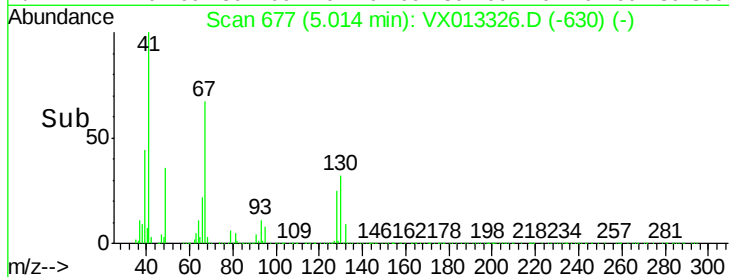
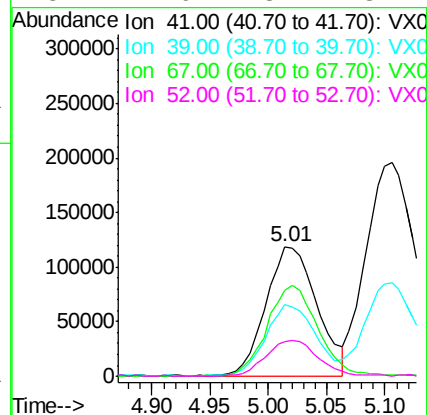
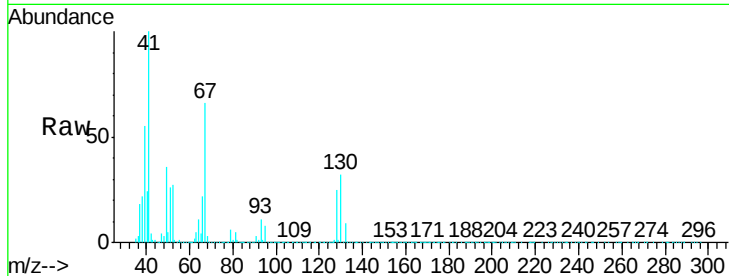
#41
Methacrylonitrile
Concen: 55.706 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.7	45.0	67.6
67	69.1	55.4	83.2
52	27.9	23.1	34.7

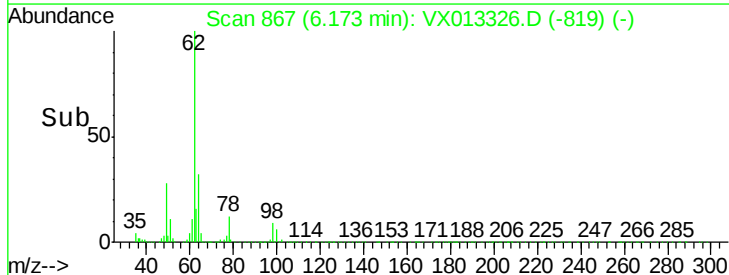
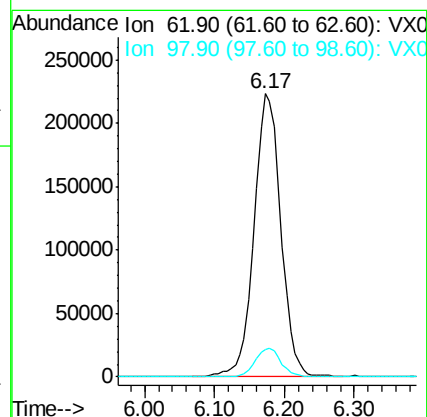
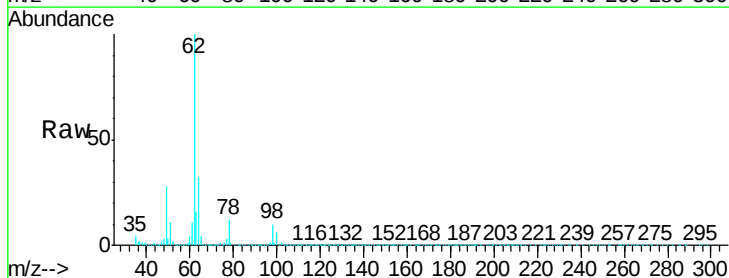
Manual Integrations
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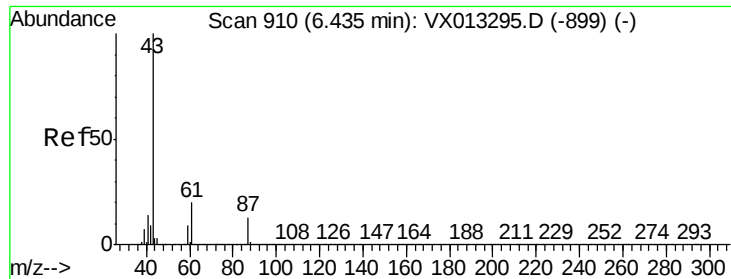
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#42
1,2-Dichloroethane
Concen: 56.581 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4





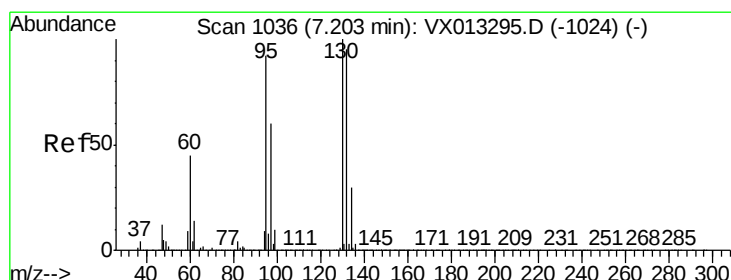
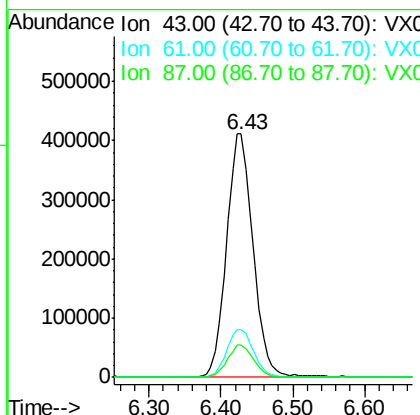
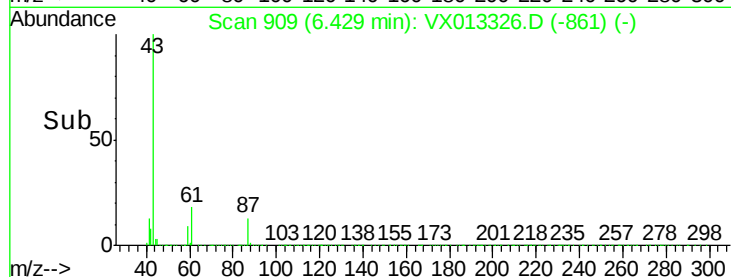
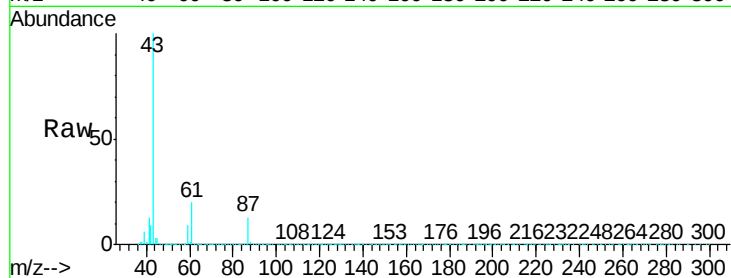
#43
Isopropyl Acetate
Concen: 58.325 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.8
87	13.3	10.4	15.6

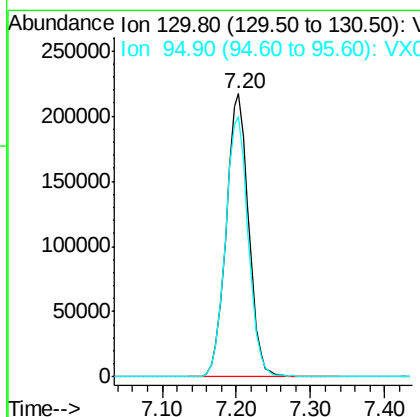
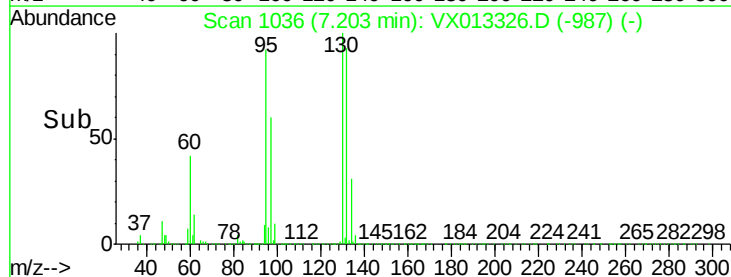
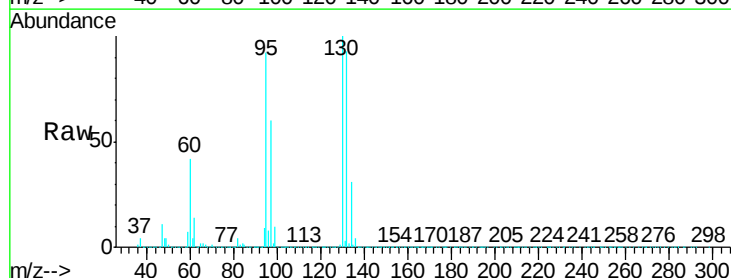
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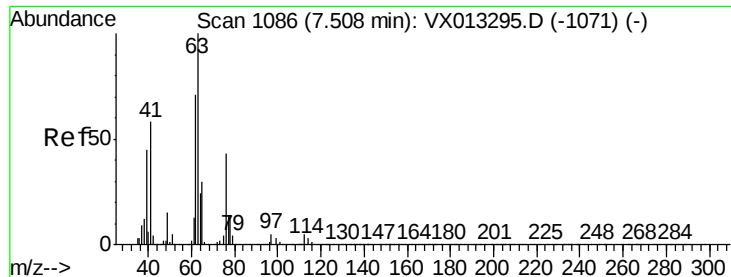
MMDadoda
11/5/2019 10:37:21 AM



#44
Trichloroethene
Concen: 57.162 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	184.8





#45

1,2-Dichloropropane

Concen: 57.851 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 428738

Ion Ratio Lower Upper

63 100

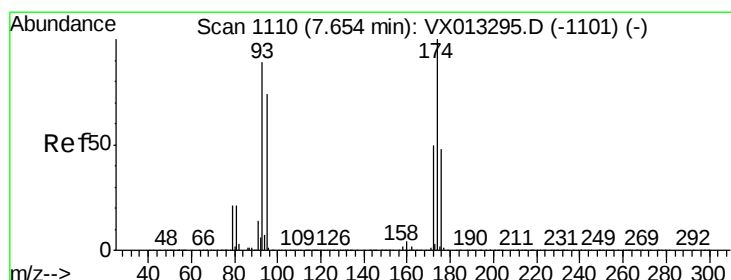
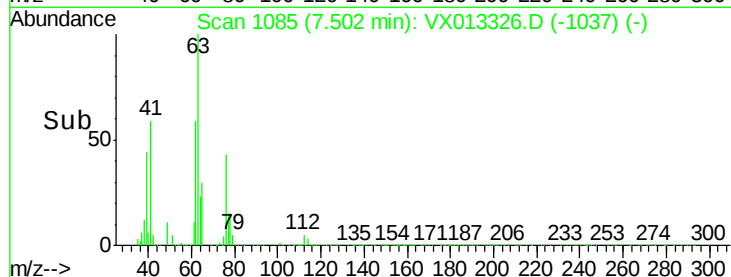
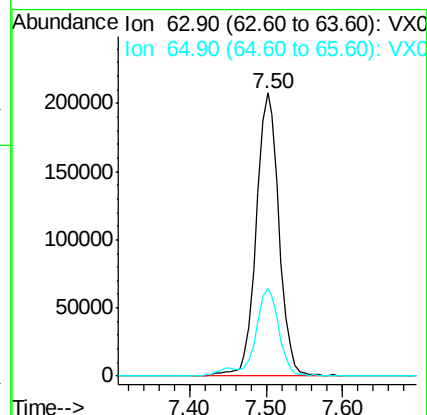
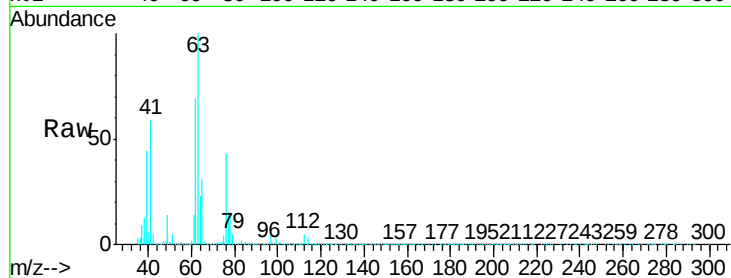
65 30.8 24.3 36.5

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#46

Dibromomethane

Concen: 56.021 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

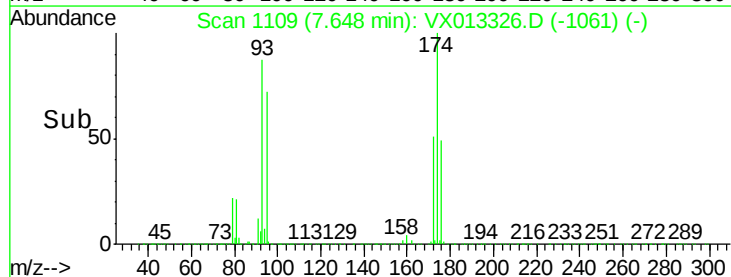
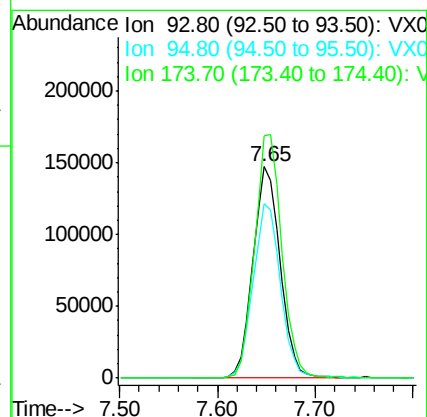
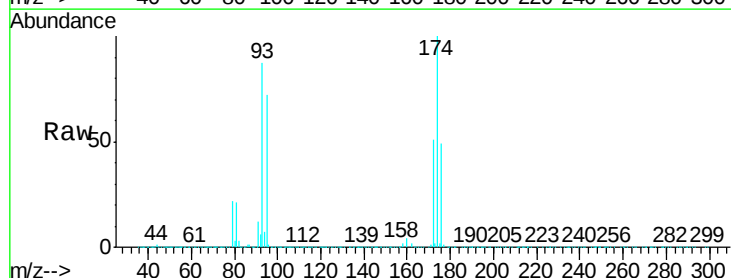
Tgt Ion: 93 Resp: 283475

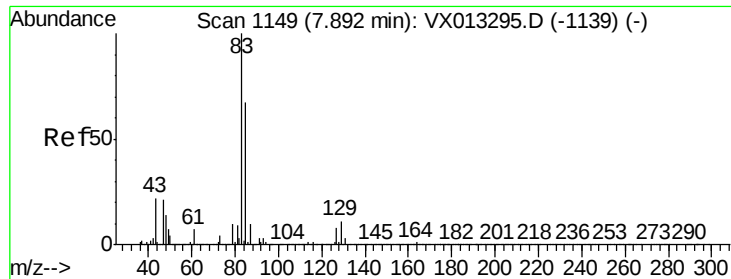
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 115.9 90.4 135.6





#47

Bromodichloromethane

Concen: 59.787 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

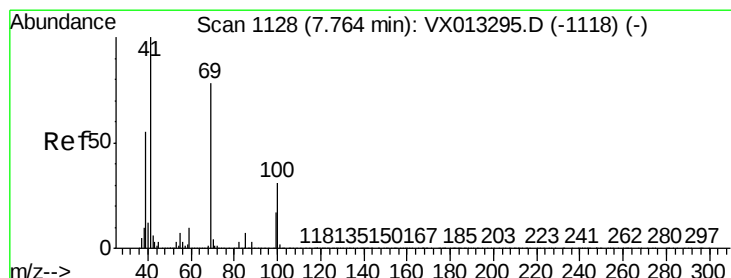
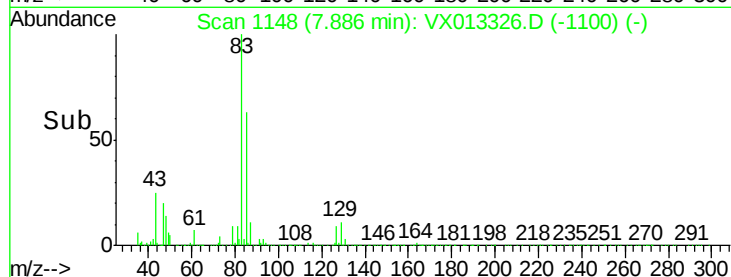
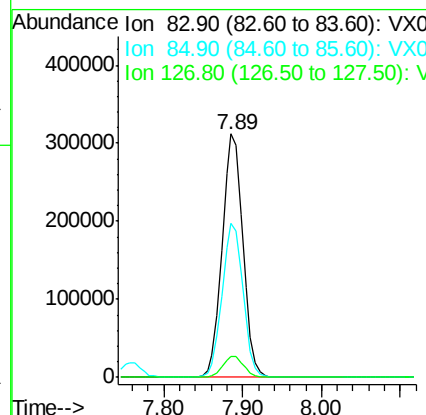
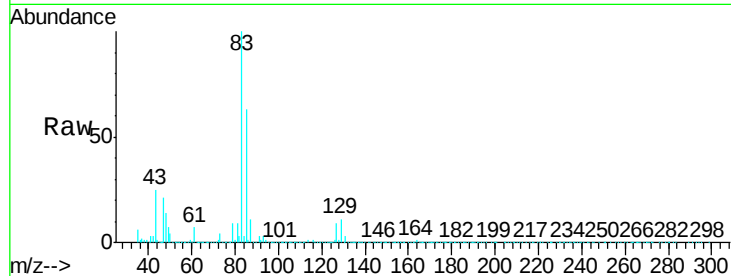
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	570485
Ion Ratio	Lower	Upper	
83	100		
85	63.2	53.7	80.5
127	8.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.514 ug/l

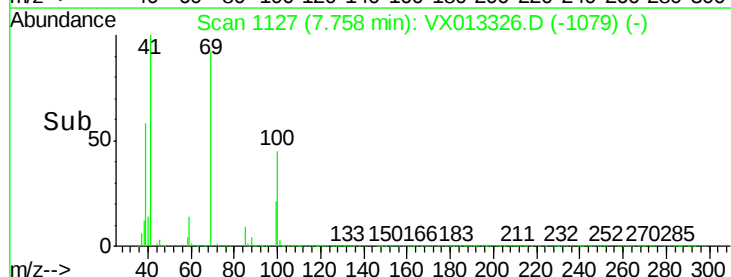
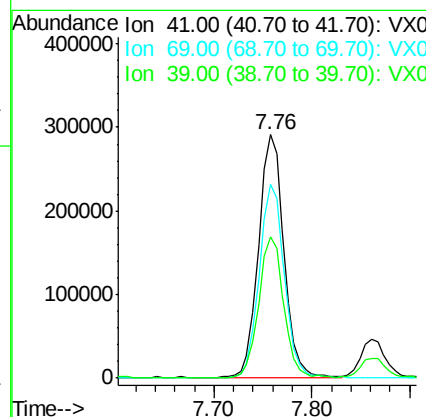
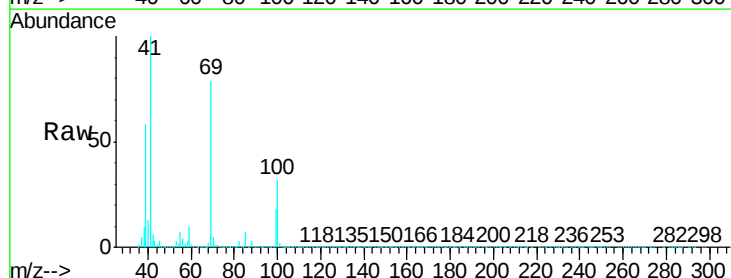
RT: 7.76 min Scan# 1127

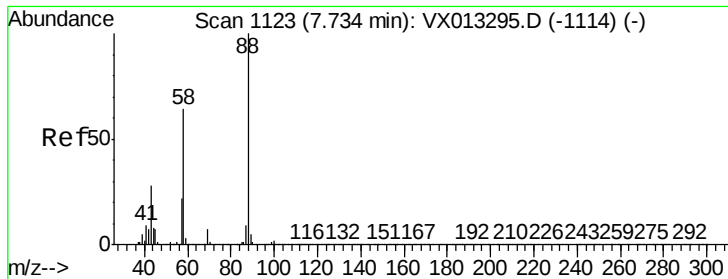
Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Tgt Ion:	41	Resp:	524794
Ion Ratio	Lower	Upper	
41	100		
69	79.5	63.0	94.6
39	57.4	45.9	68.9





#49

1,4-Dioxane

Concen: 898.212 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

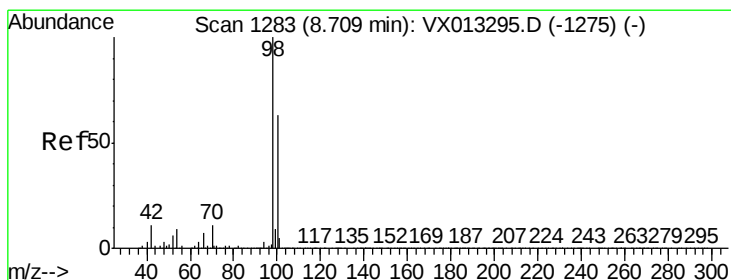
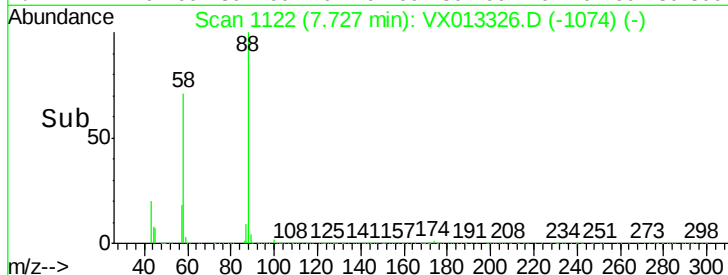
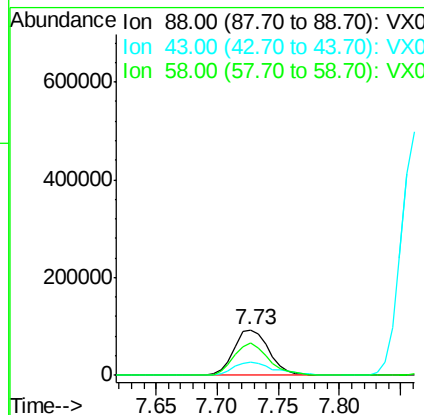
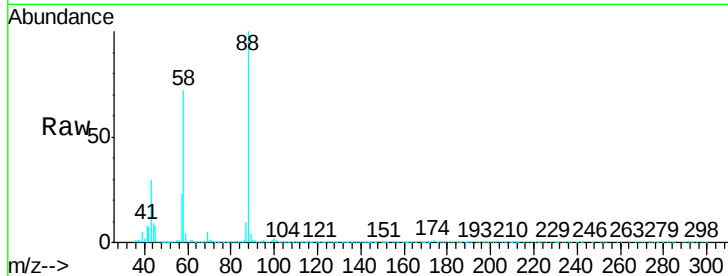
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	184488
Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.6	39.8
58	70.0	55.0	82.6

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#50

Toluene-d8

Concen: 49.509 ug/l

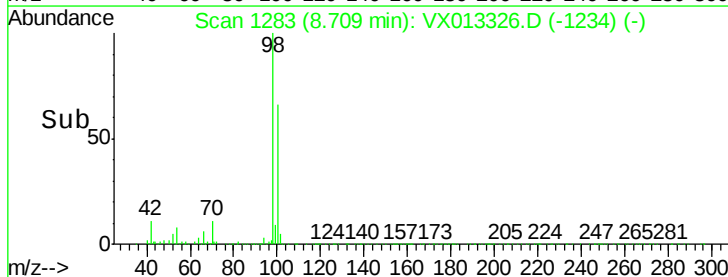
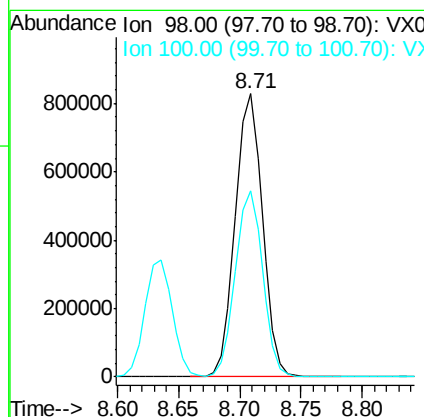
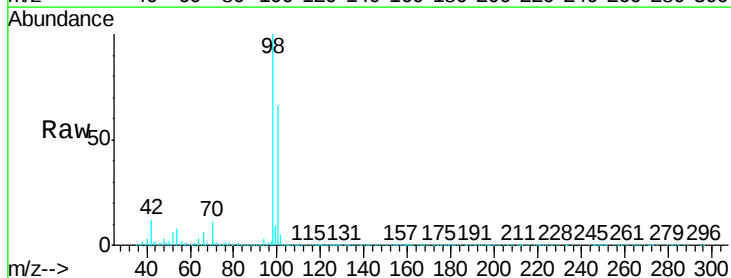
RT: 8.71 min Scan# 1283

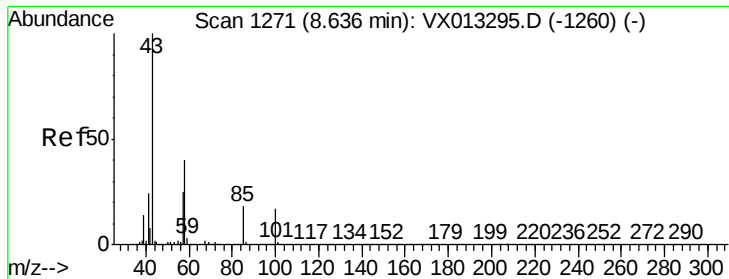
Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Tgt Ion:	98	Resp:	1274222
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2





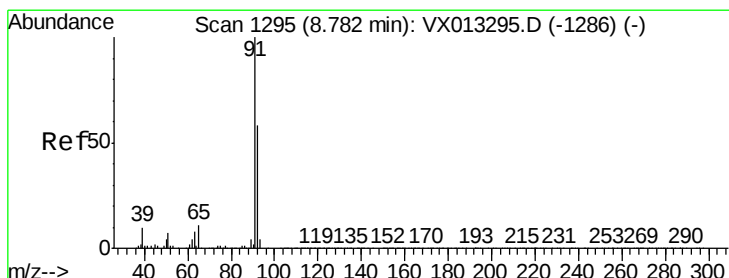
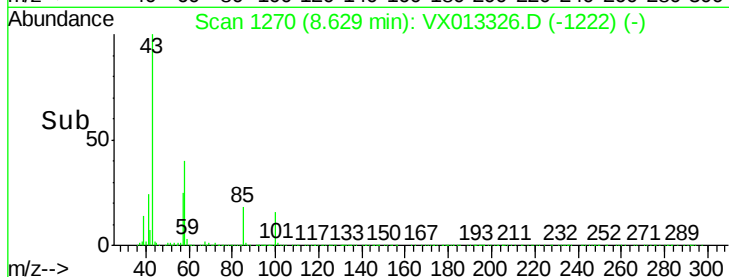
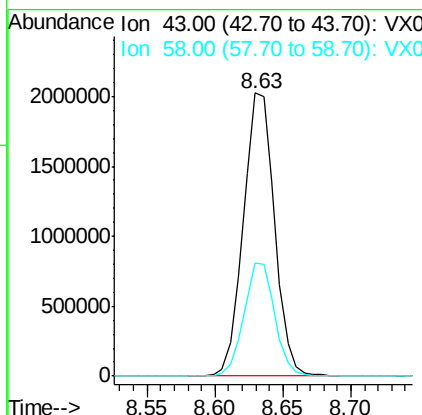
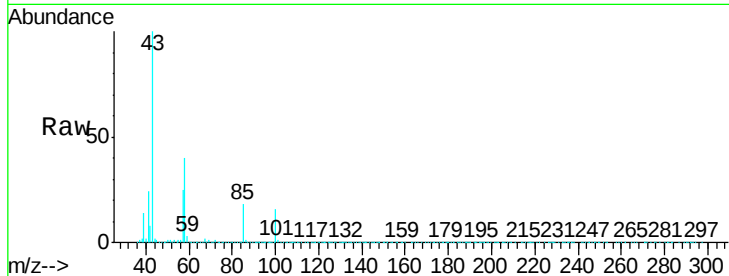
#51
4-Methyl-2-Pentanone
Concen: 275.378 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 3246144
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.0

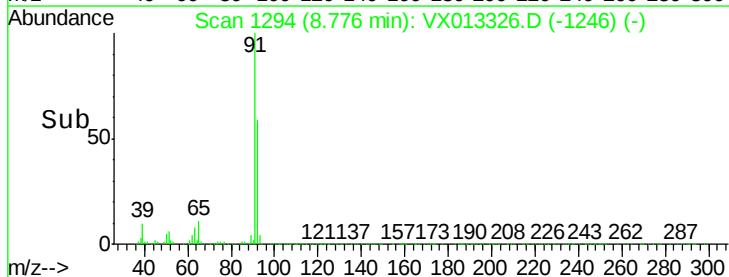
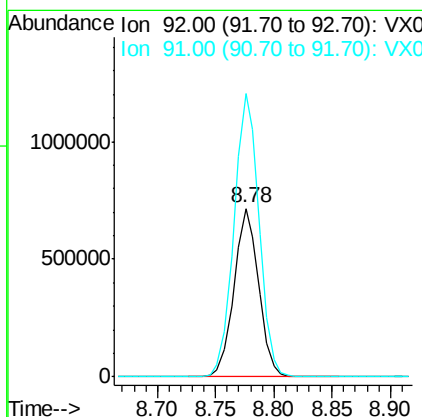
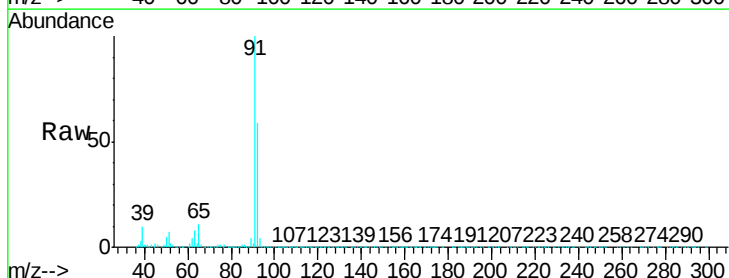
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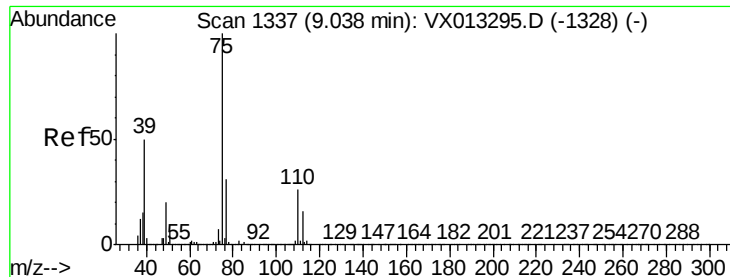
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#52
Toluene
Concen: 58.333 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion: 92 Resp: 1051610
Ion Ratio Lower Upper
92 100
91 171.7 138.0 207.0





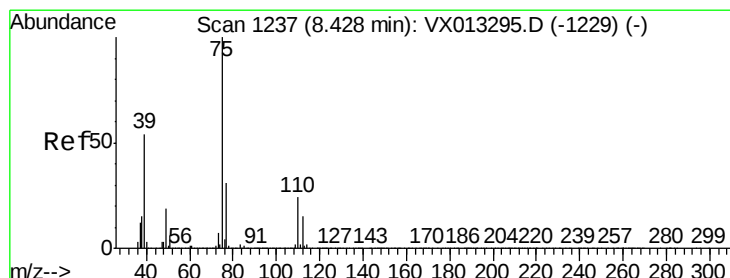
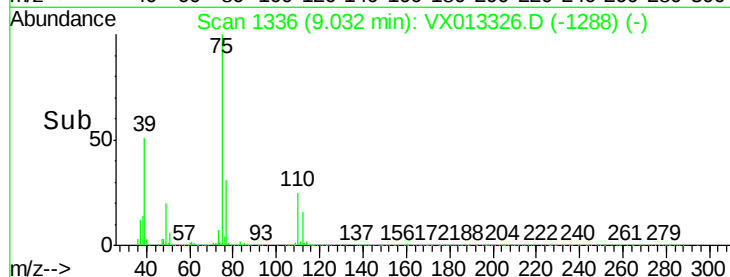
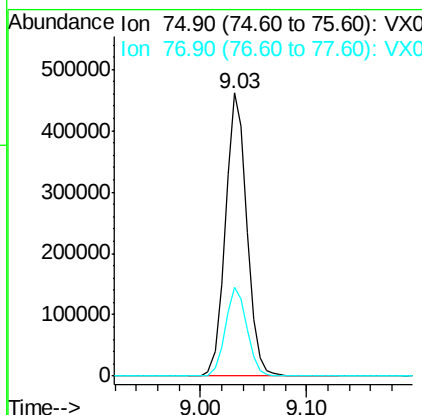
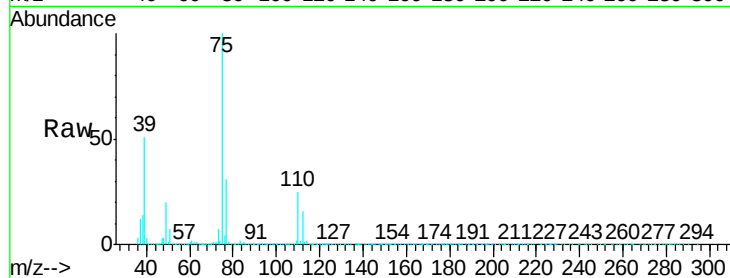
#53
t-1,3-Dichloropropene
Concen: 62.230 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 649307
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

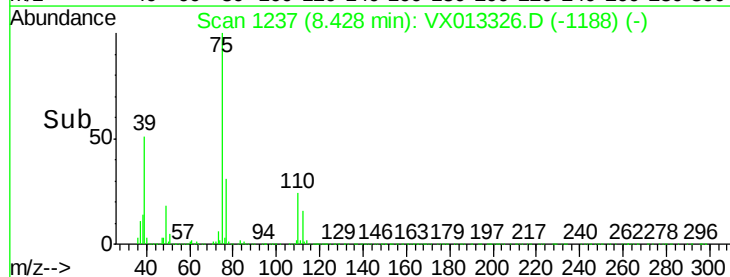
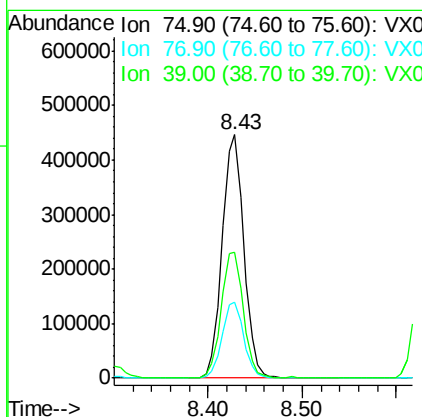
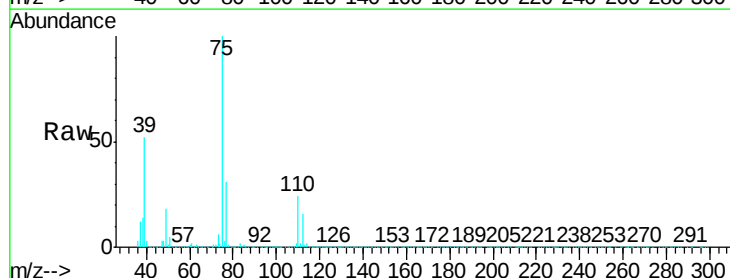
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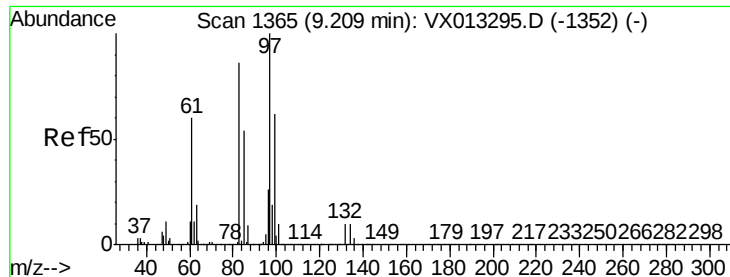
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#54
cis-1,3-Dichloropropene
Concen: 61.028 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion: 75 Resp: 712291
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 51.4 43.0 64.6





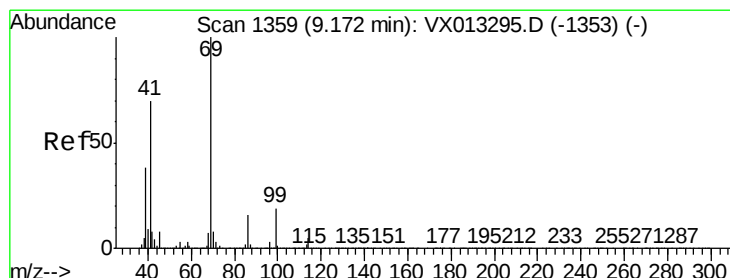
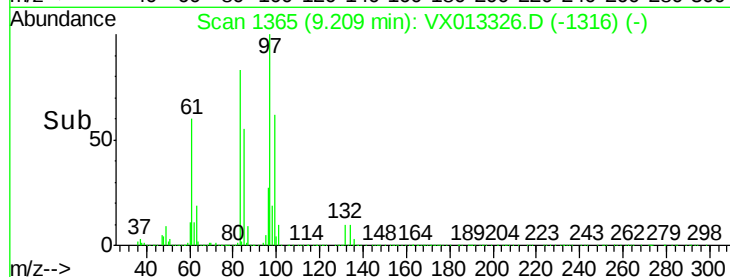
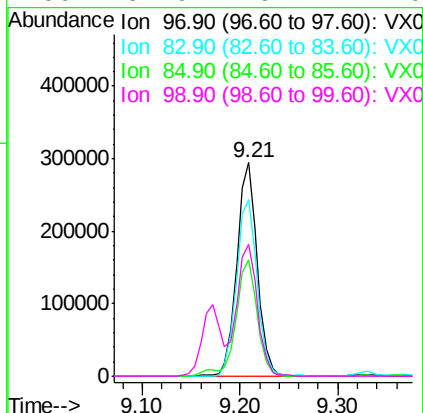
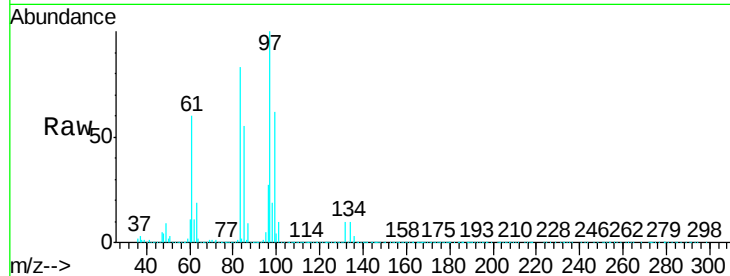
#55
 1,1,2-Trichloroethane
 Concen: 56.625 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.6	103.0
85	54.5	43.1	64.7
99	61.9	49.4	74.0

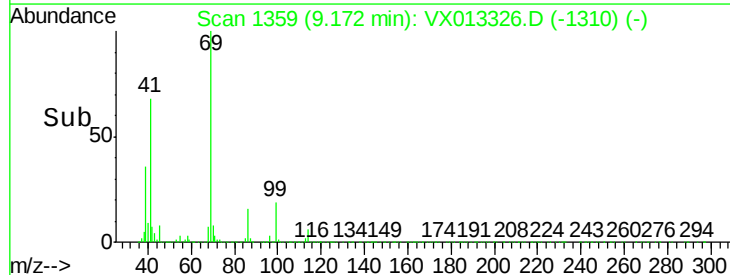
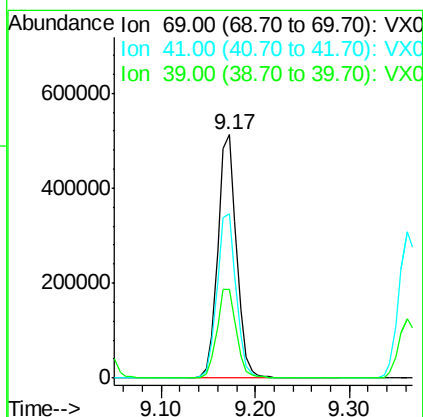
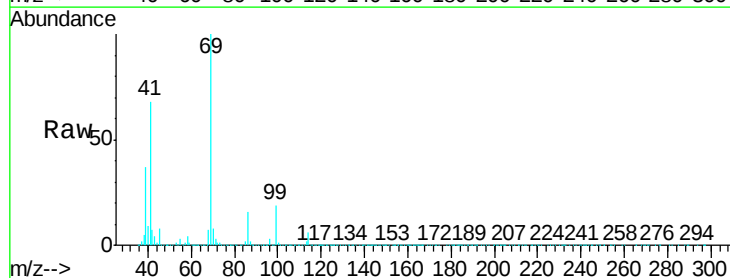
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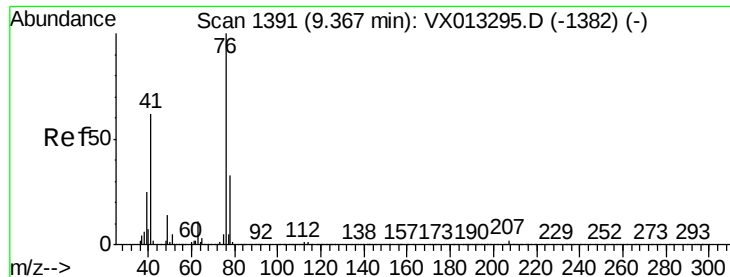
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#56
 Ethyl methacrylate
 Concen: 54.932 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.2	84.2
39	37.7	31.1	46.7





#57

1,3-Dichloropropane

Concen: 56.314 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 714314

Ion Ratio Lower Upper

76 100

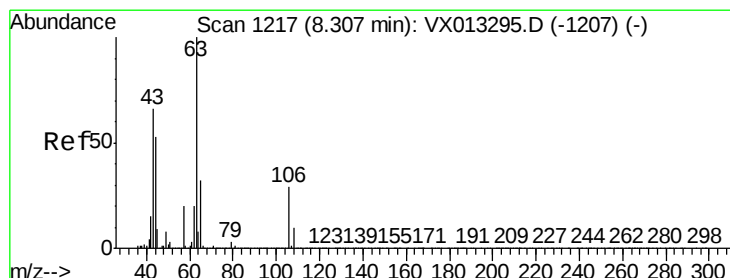
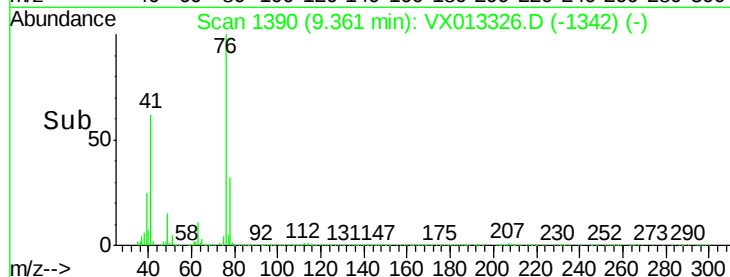
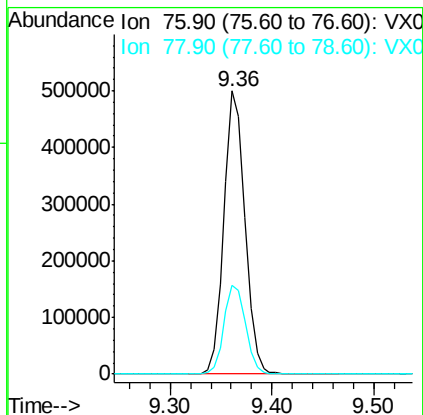
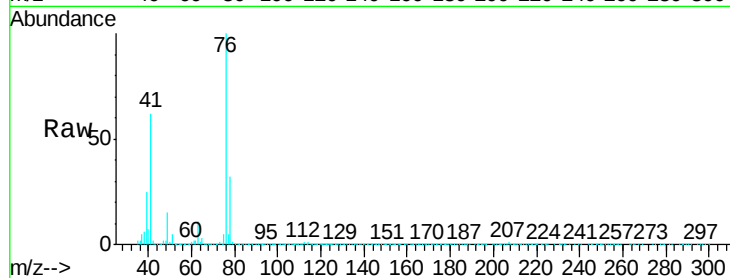
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 277.056 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013326.D

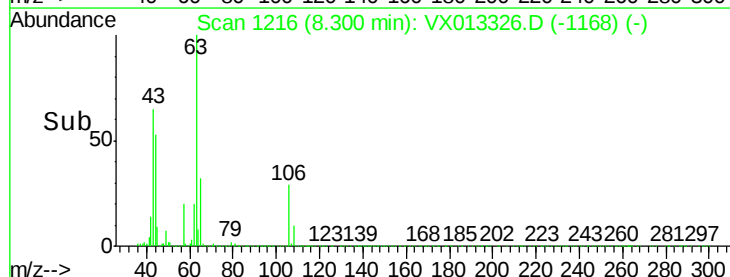
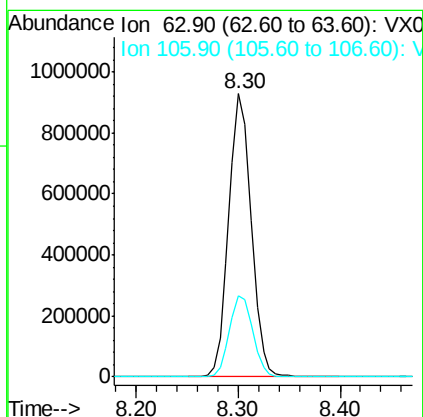
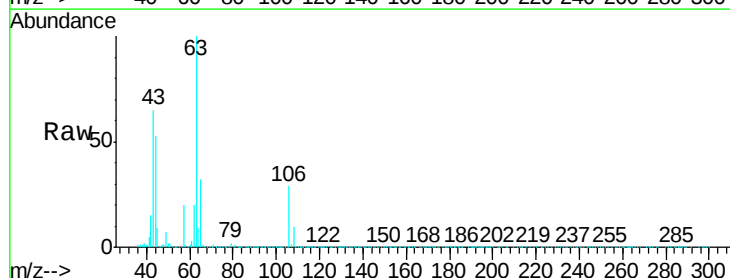
Acq: 04 Nov 2019 16:22

Tgt Ion: 63 Resp: 1415528

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.2





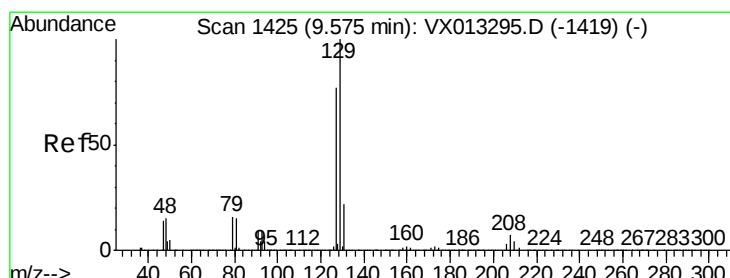
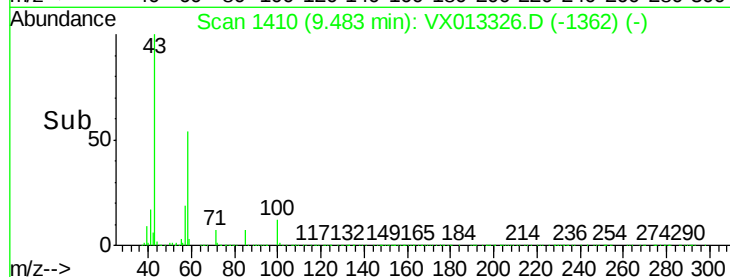
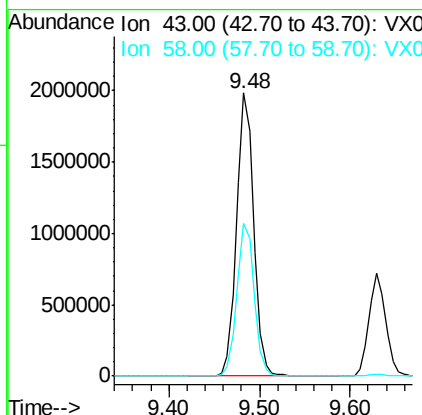
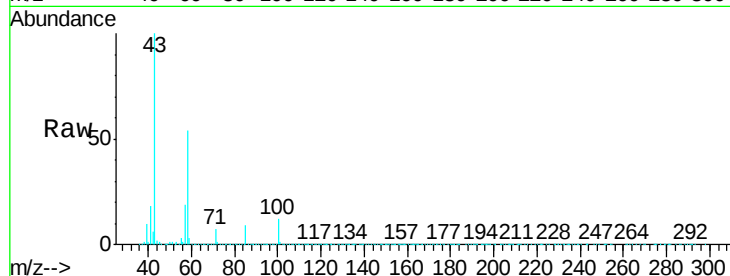
#59
2-Hexanone
Concen: 285.240 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2598387
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8

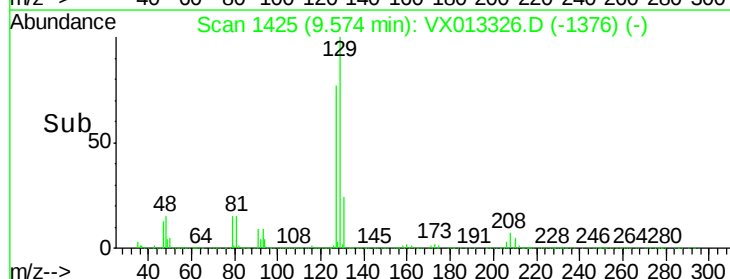
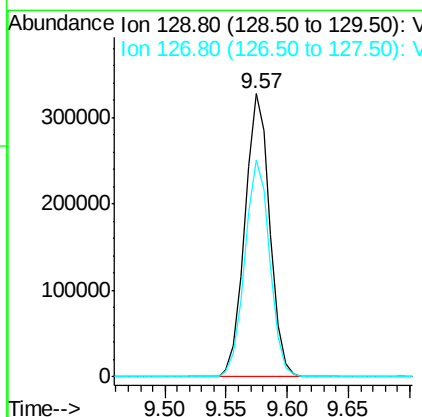
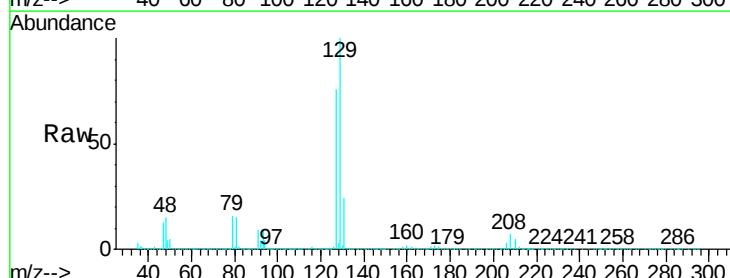
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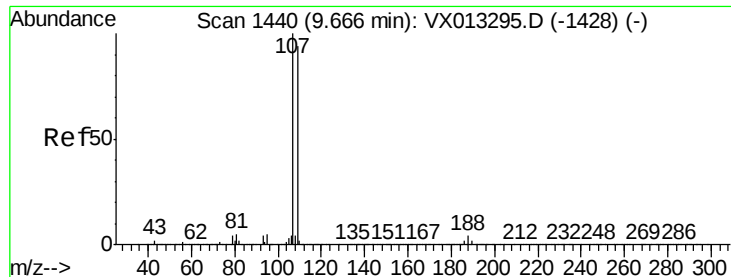
MMDadoda
11/5/2019 10:37:21 AM



#60
Dibromochloromethane
Concen: 60.633 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion: 129 Resp: 463362
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 57.674 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 457623

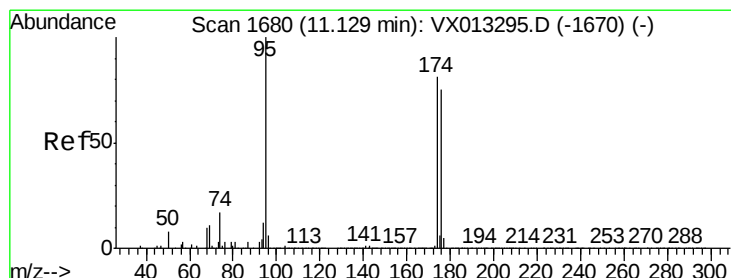
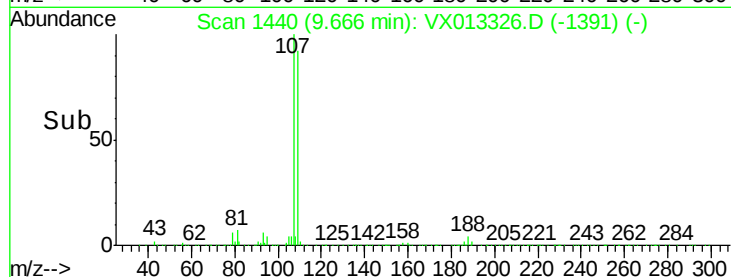
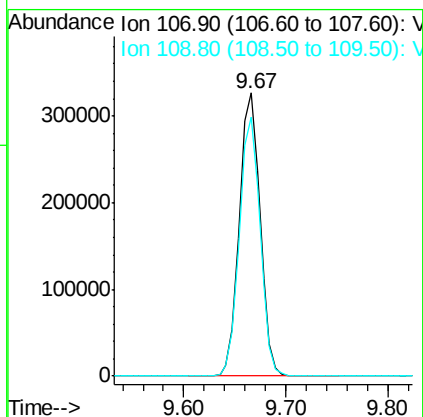
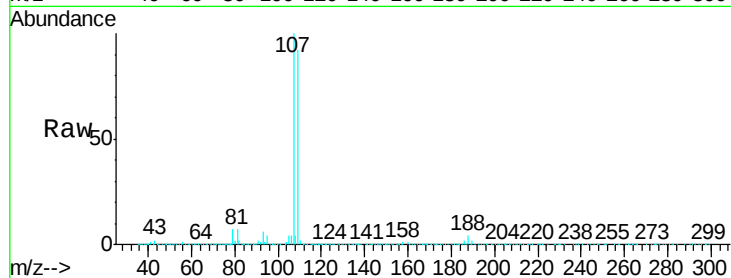
Ion Ratio Lower Upper

107 100

109 91.5 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 51.008 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

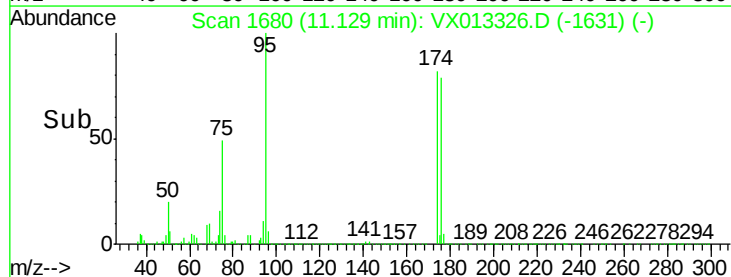
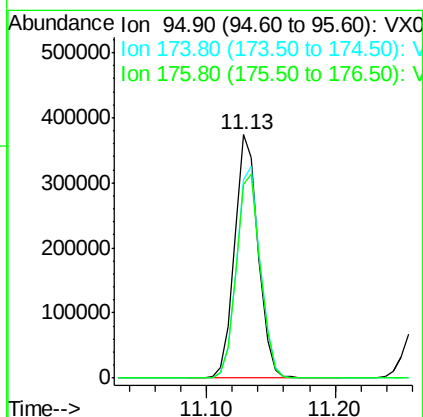
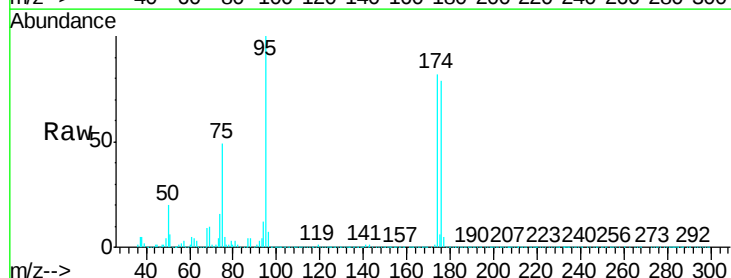
Tgt Ion: 95 Resp: 473798

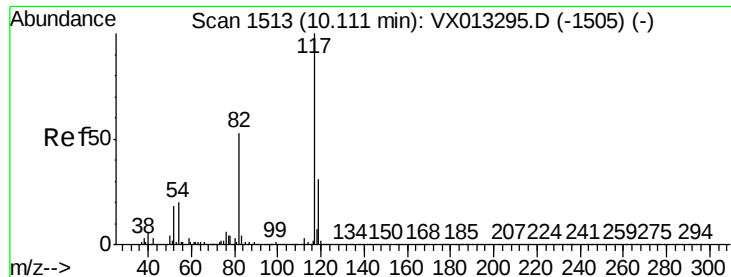
Ion Ratio Lower Upper

95 100

174 87.9 0.0 179.8

176 85.7 0.0 173.0





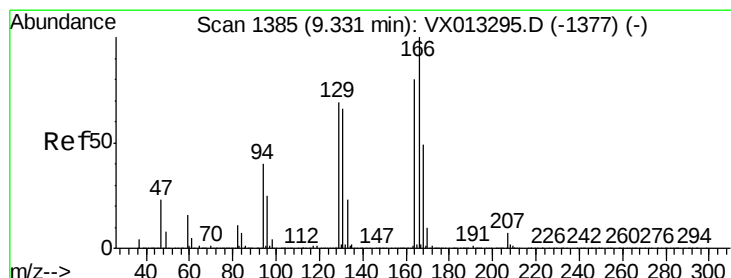
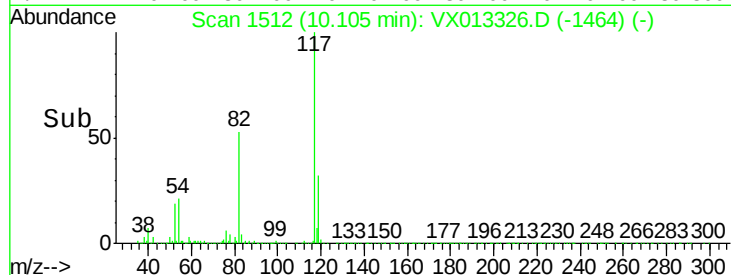
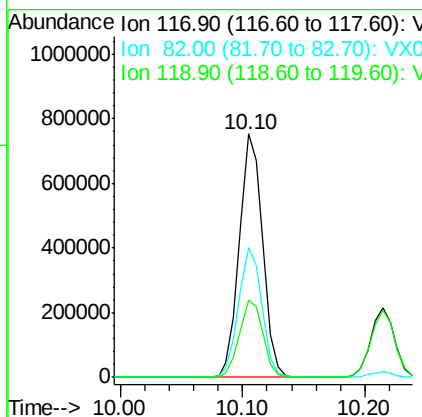
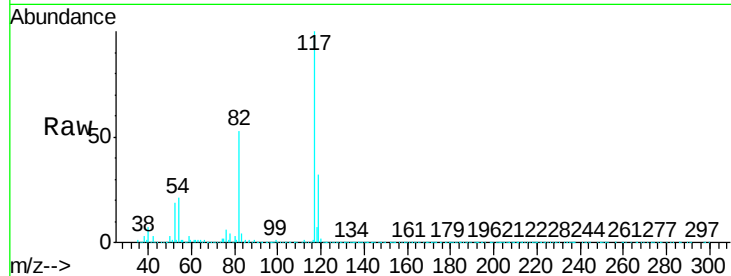
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.0	42.6	64.0
119	31.9	24.8	37.2

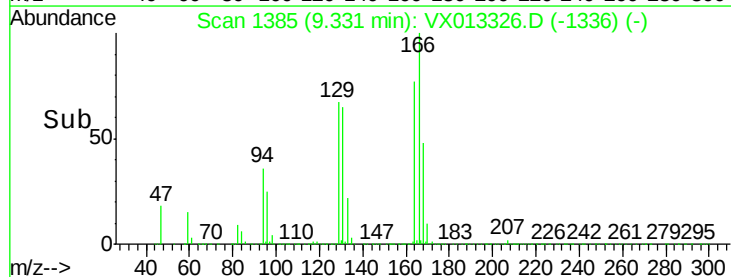
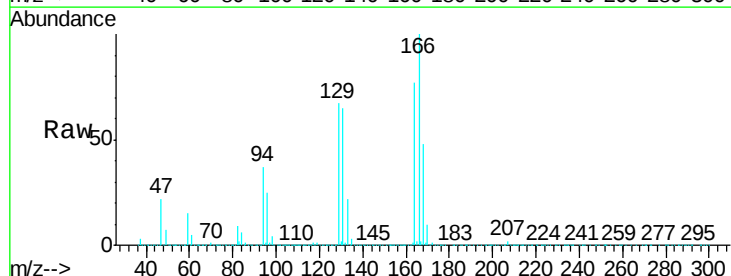
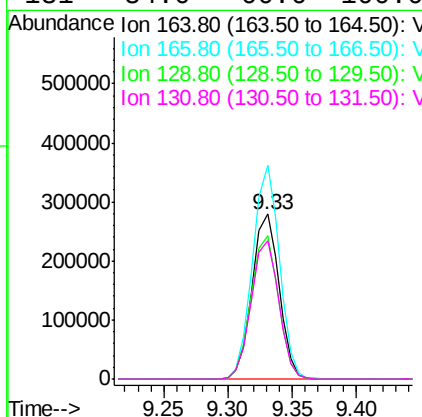
Manual Integrations
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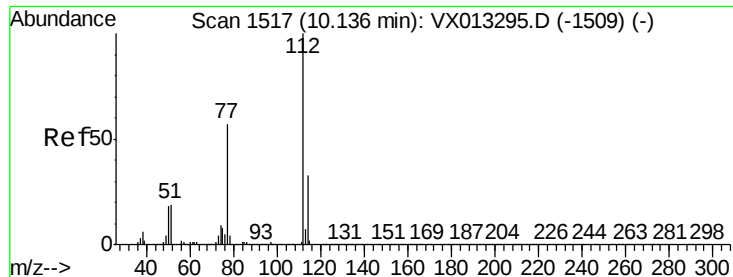
MMDadoda
11/5/2019 10:37:21 AM



#64
Tetrachloroethene
Concen: 57.317 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	129.7	100.4	150.6
129	86.9	69.4	104.2
131	84.0	66.6	100.0





#65

Chlorobenzene

Concen: 57.157 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 1139299

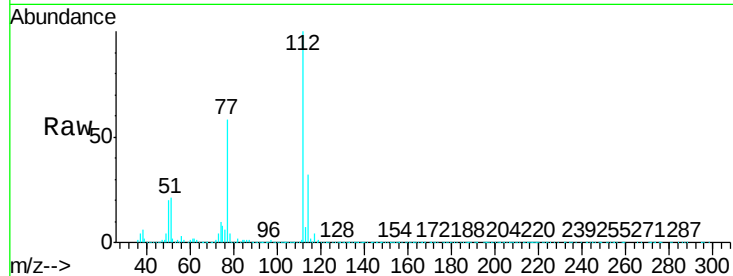
Ion Ratio Lower Upper

112 100

114 32.1 26.4 39.6

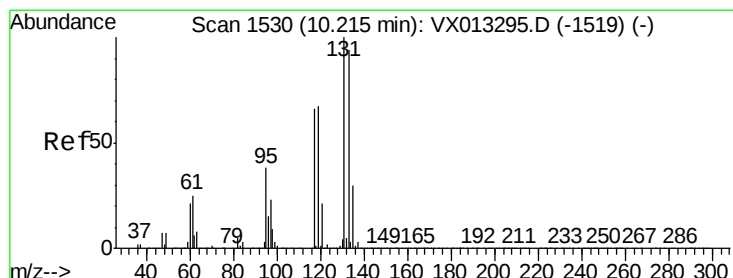
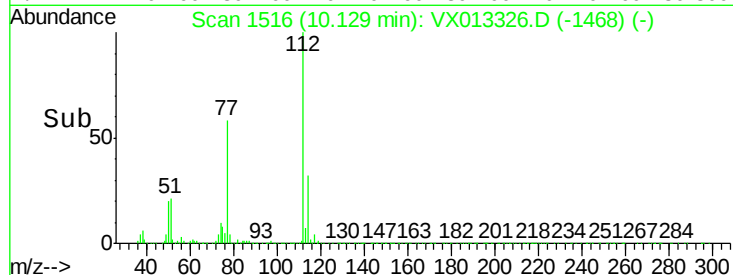
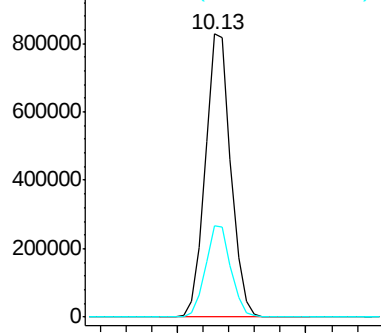
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 58.550 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

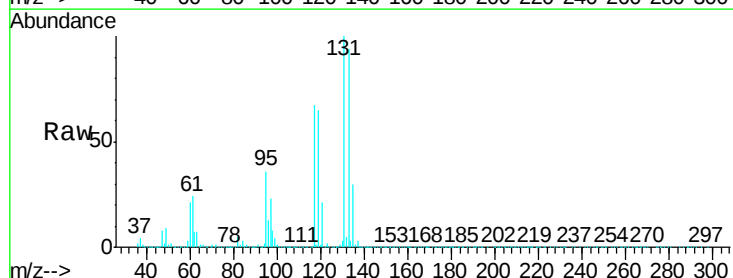
Tgt Ion:131 Resp: 428516

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

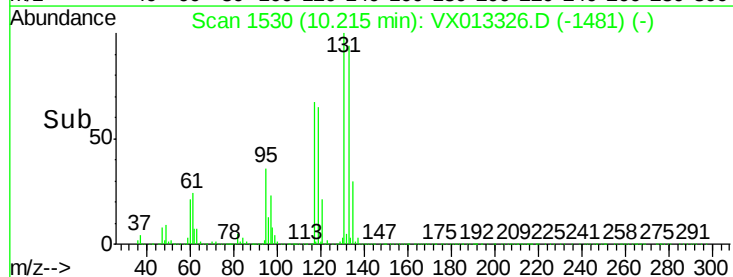
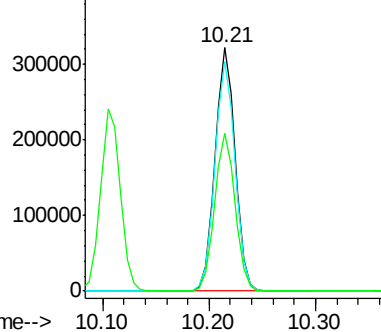
119 65.5 33.0 99.0

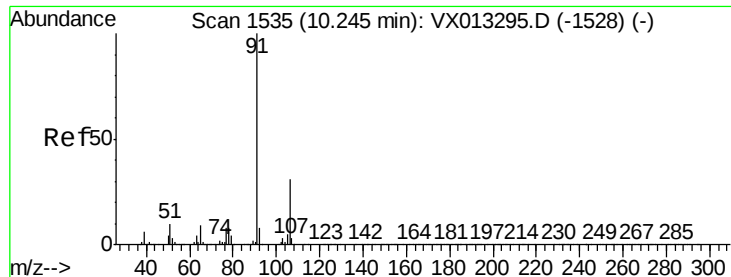


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 59.086 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 2032664

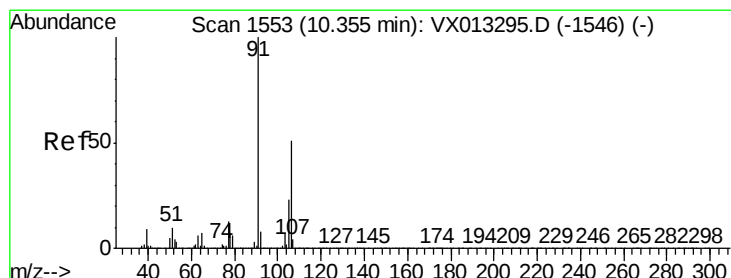
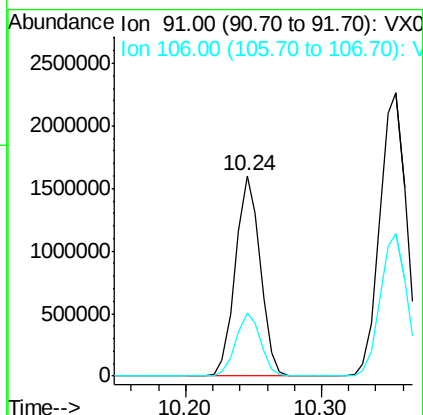
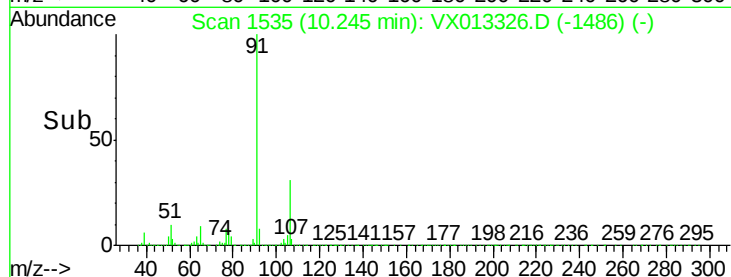
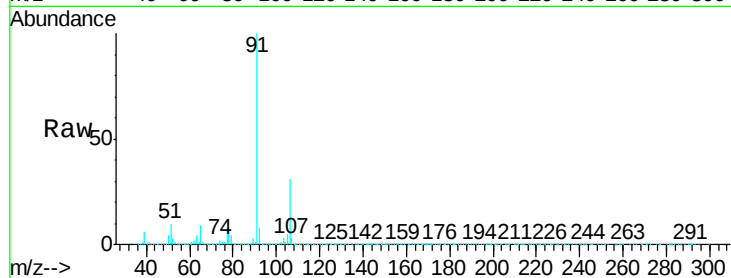
Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8

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#68

m/p-Xylenes

Concen: 118.884 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013326.D

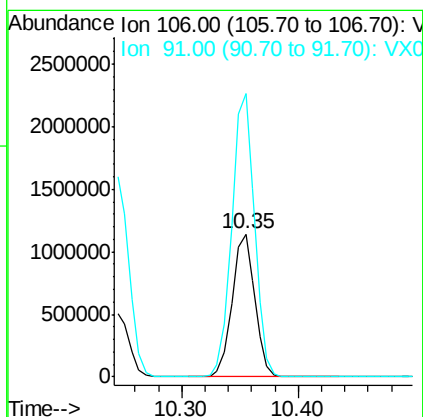
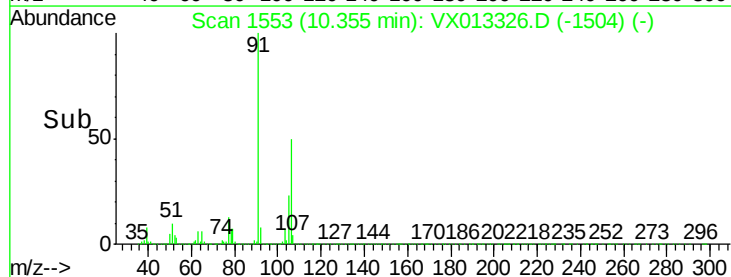
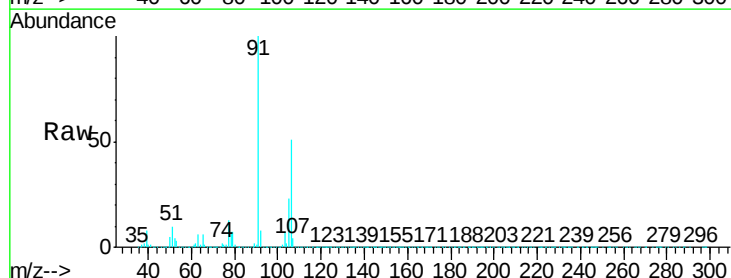
Acq: 04 Nov 2019 16:22

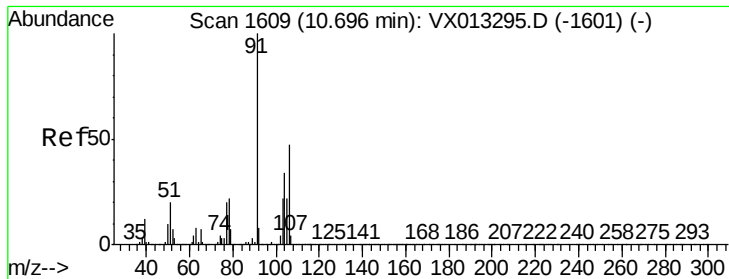
Tgt Ion: 106 Resp: 1546723

Ion Ratio Lower Upper

106 100

91 198.8 159.3 238.9





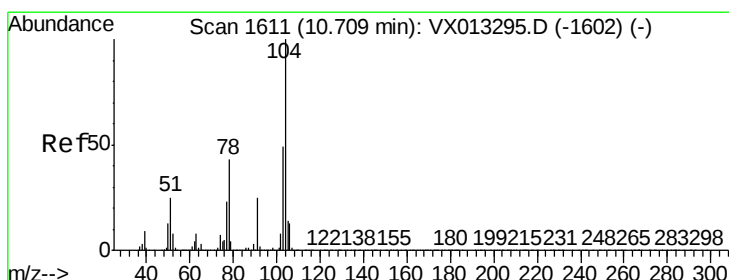
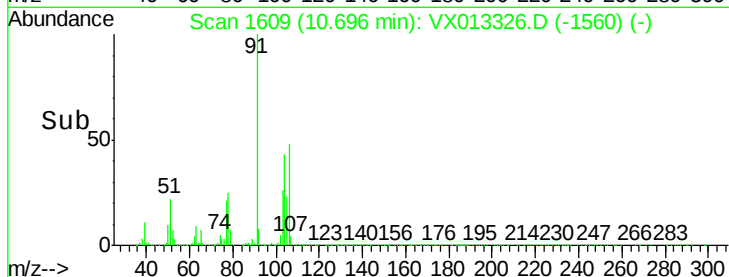
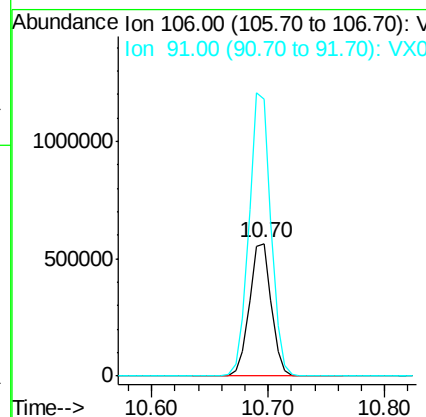
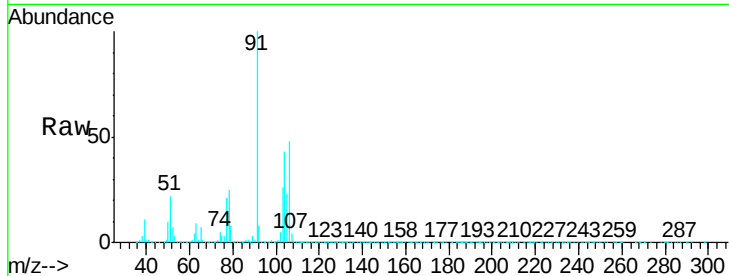
#69
o-Xylene
Concen: 58.431 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.0	105.7	317.0

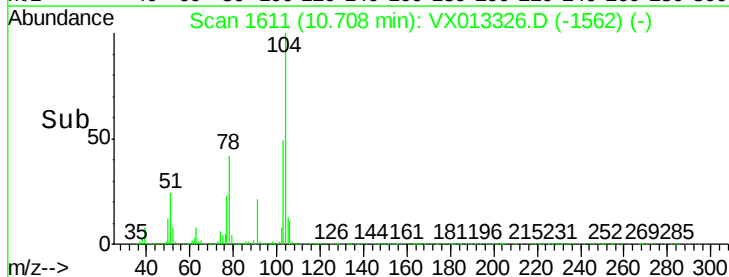
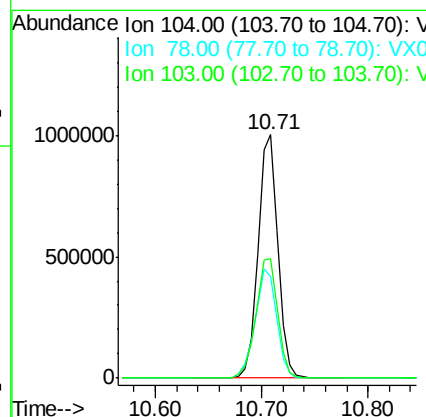
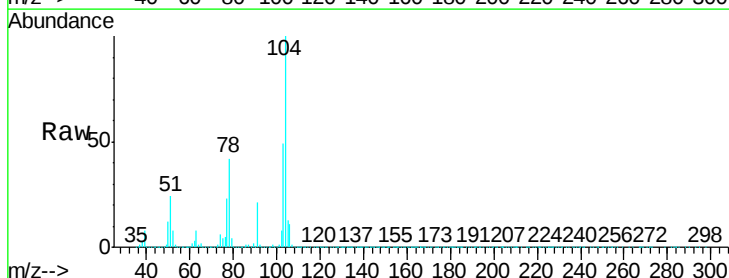
Manual Integrations
APPROVED

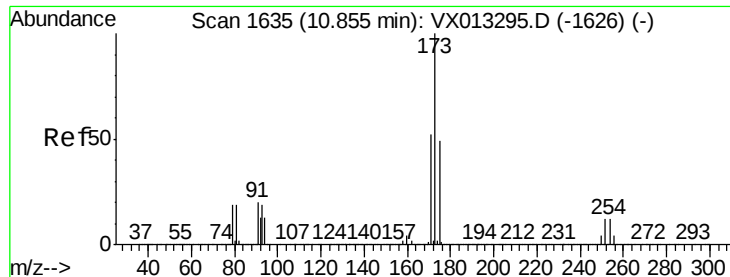
MMDadoda
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#70
Styrene
Concen: 61.206 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	40.0	60.0
103	54.6	44.1	66.1





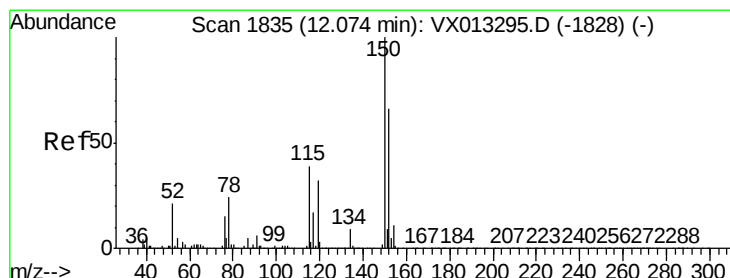
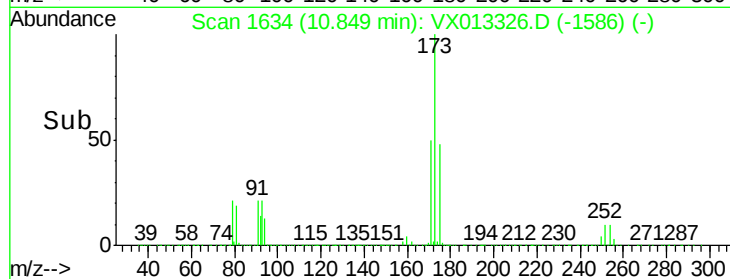
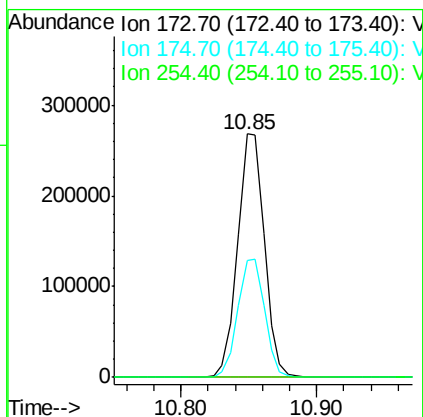
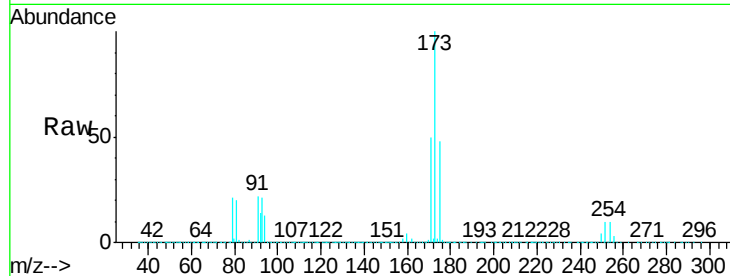
#71
Bromoform
Concen: 53.751 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.8	74.4
254	0.3	0.2	0.2#

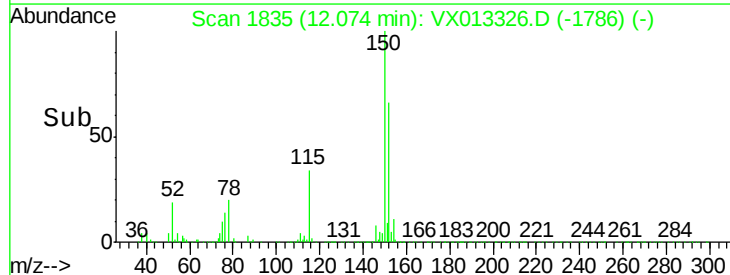
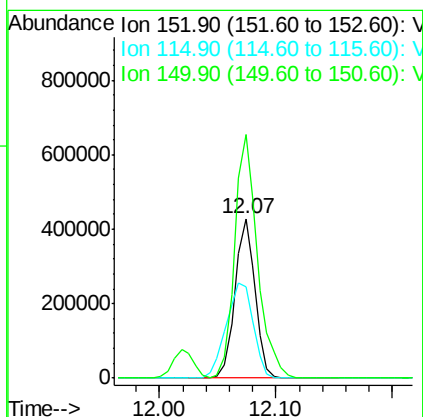
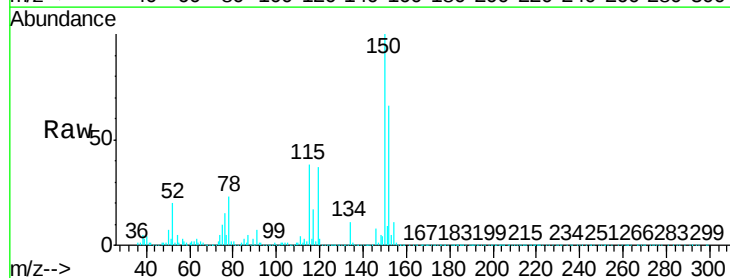
Manual Integrations
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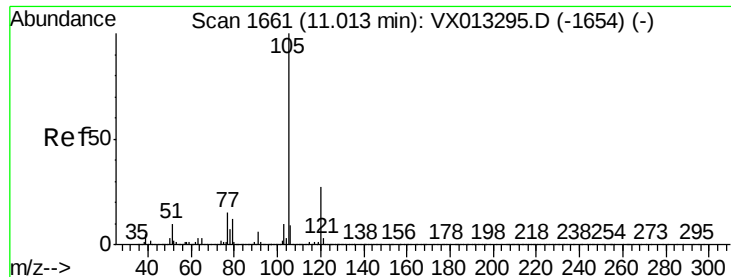
MMDadoda
11/5/2019 10:37:21 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.2	39.5	118.3
150	173.4	0.0	344.4





#73

Isopropylbenzene

Concen: 58.635 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1988196

Ion Ratio Lower Upper

105 100

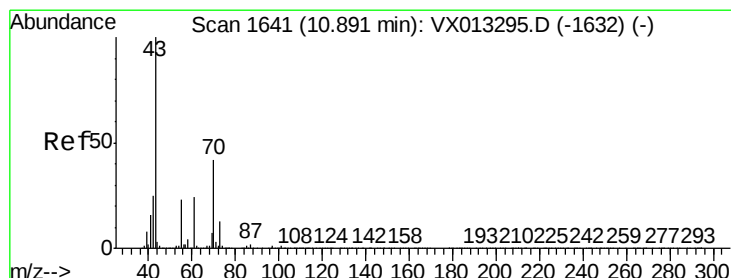
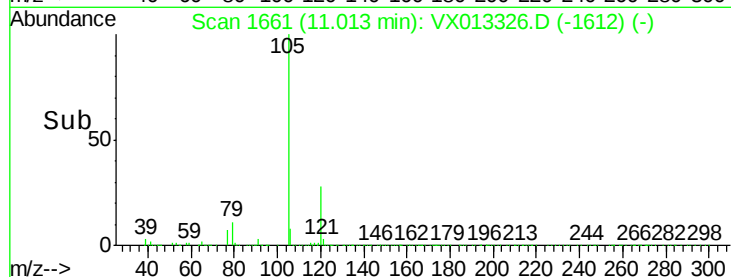
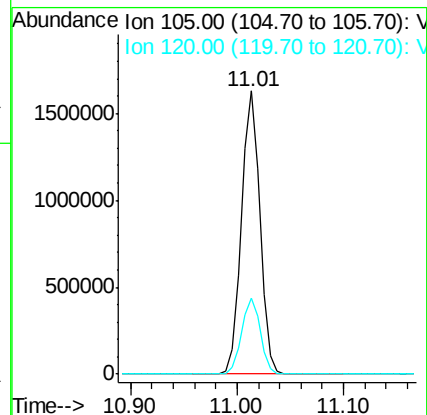
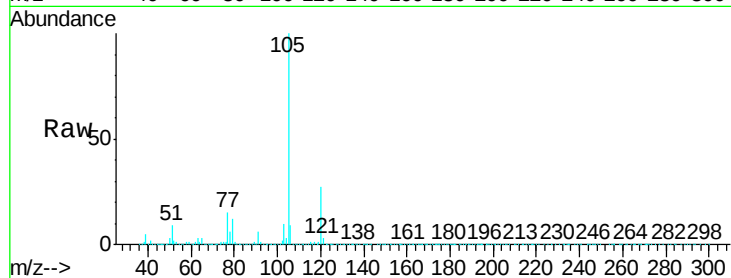
120 27.0 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 59.814 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Tgt Ion: 43 Resp: 940504

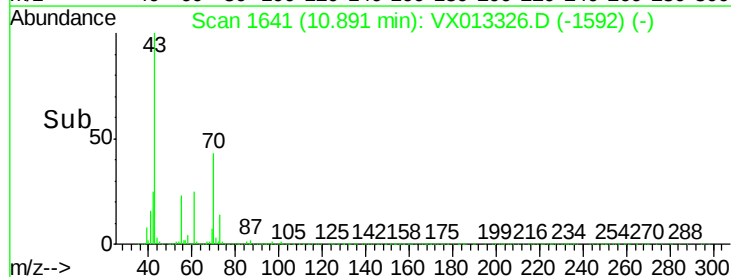
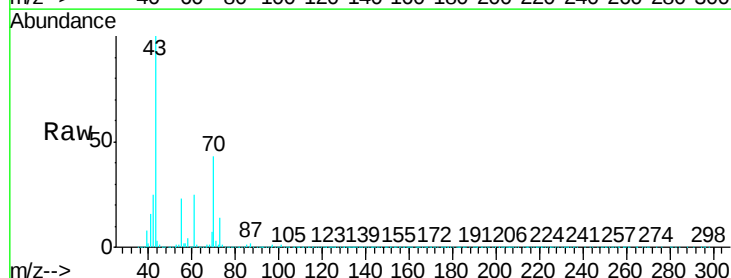
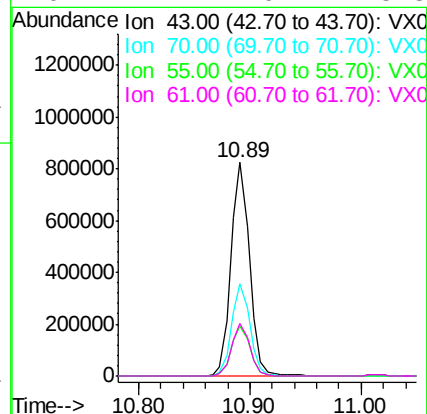
Ion Ratio Lower Upper

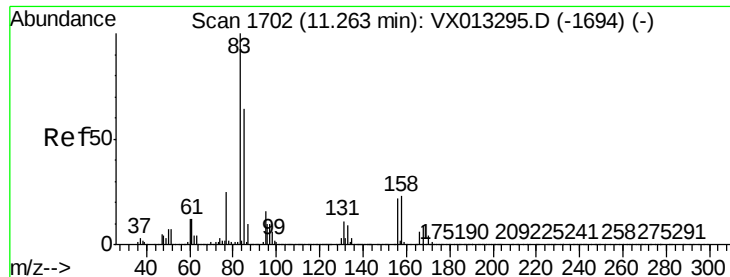
43 100

70 43.2 34.1 51.1

55 23.8 18.9 28.3

61 24.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.553 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 83 Resp: 674821
Ion Ratio Lower Upper

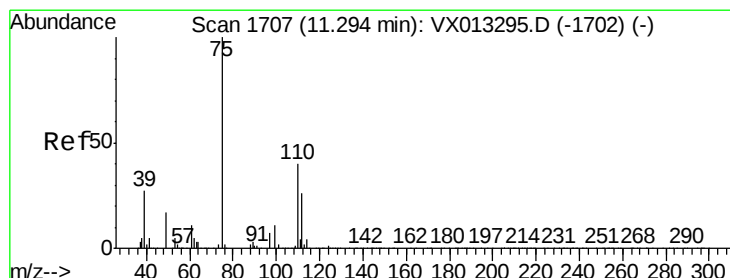
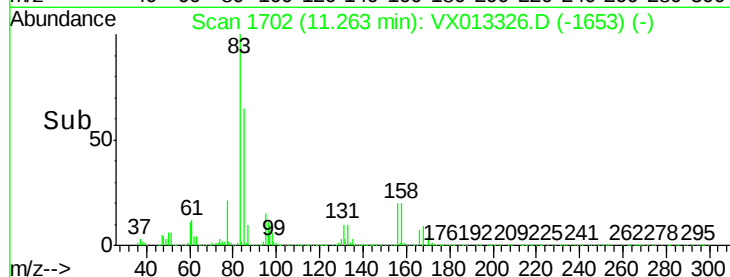
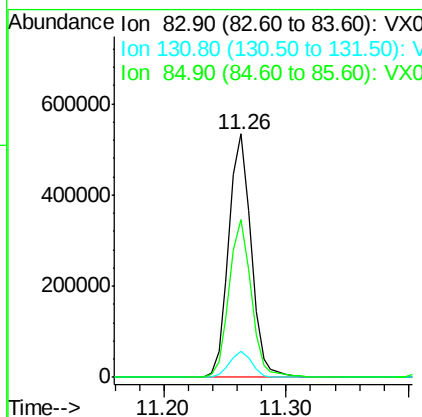
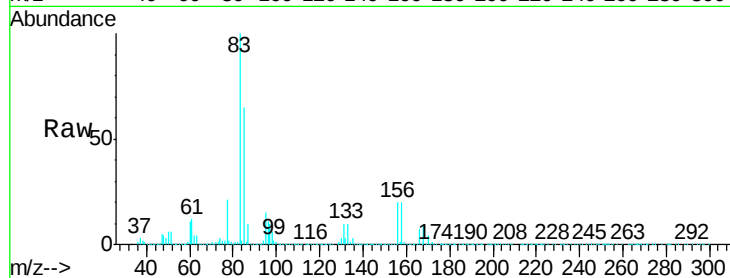
83 100

131 10.5 5.1 15.3

85 64.1 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.906 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

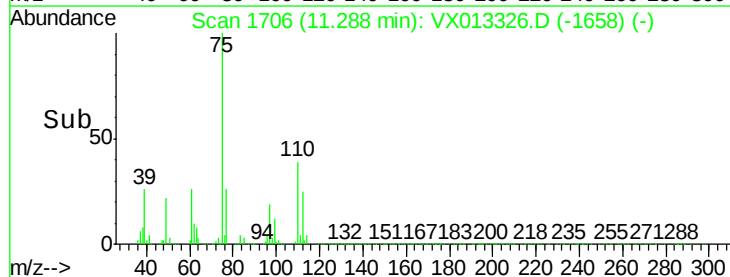
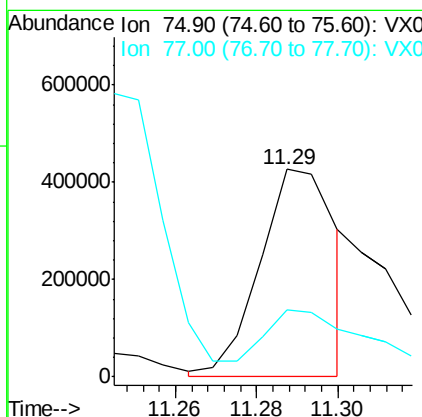
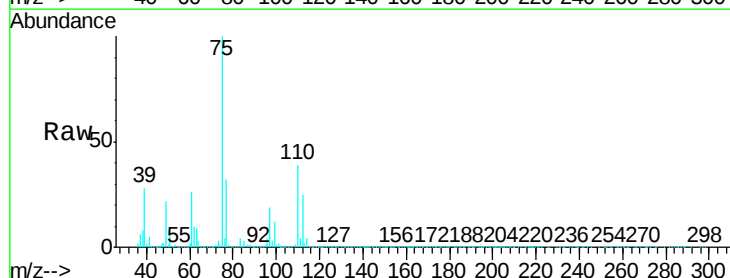
Lab File: VX013326.D

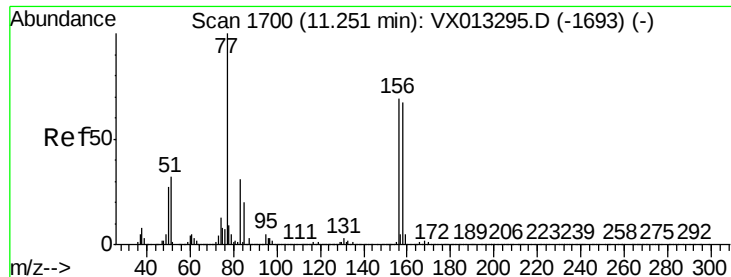
Acq: 04 Nov 2019 16:22

Tgt Ion: 75 Resp: 549567
Ion Ratio Lower Upper

75 100

77 46.4 22.3 66.8





#77

Bromobenzene

Concen: 57.852 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

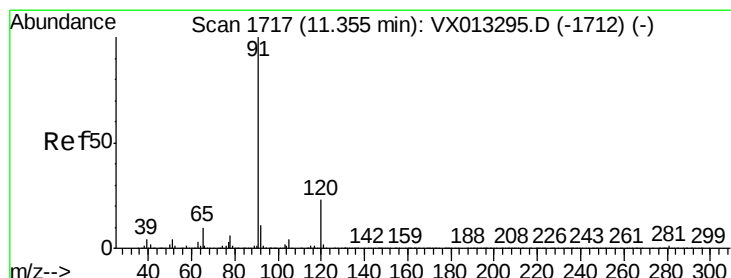
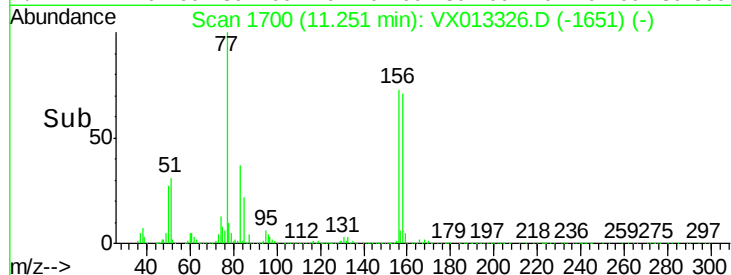
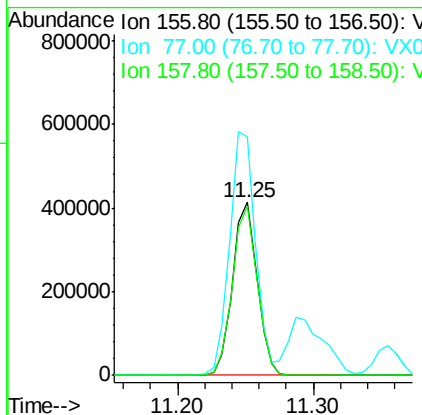
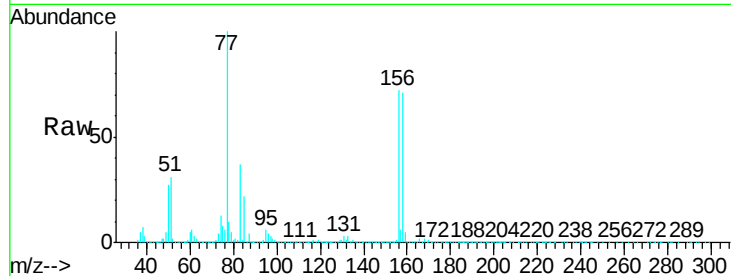
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	522951
Ion Ratio	Lower	Upper	
156	100		
77	146.8	75.8	227.4
158	98.6	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 60.454 ug/l

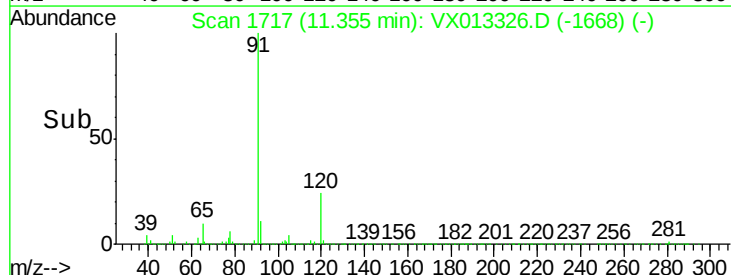
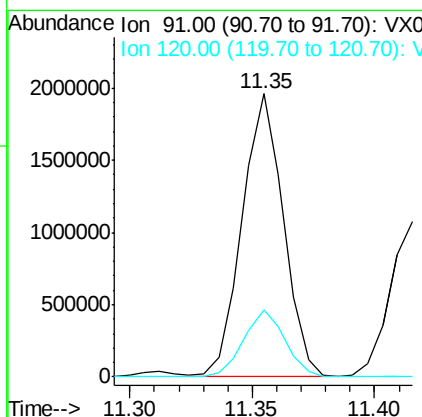
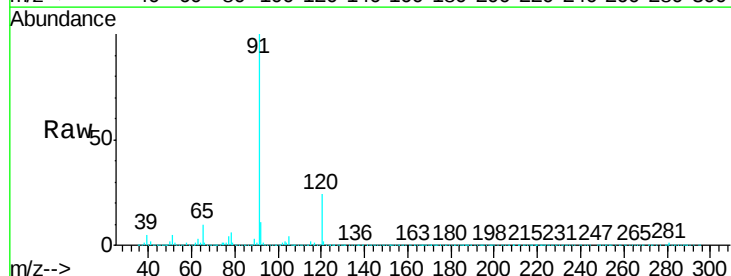
RT: 11.35 min Scan# 1717

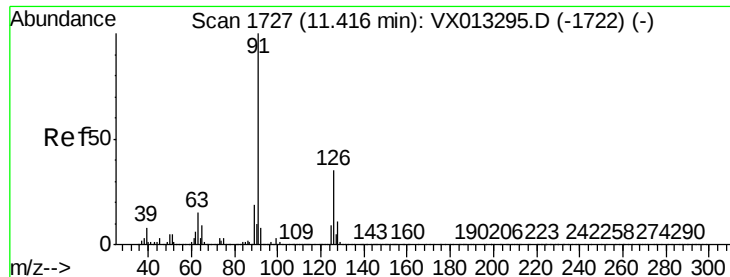
Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Tgt Ion:	91	Resp:	2283433
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.6	34.8





#79

2-Chlorotoluene

Concen: 58.590 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013326.D

Acq: 04 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1333338

Ion Ratio Lower Upper

91 100

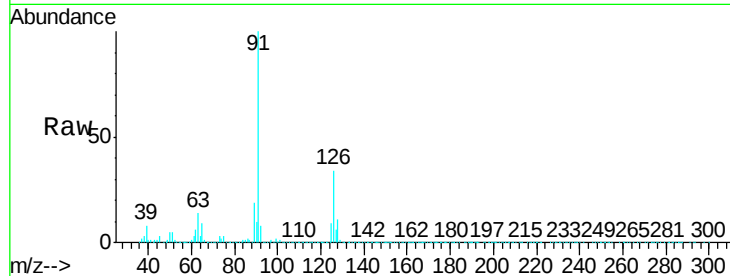
126 35.1 17.3 52.0

Manual Integrations

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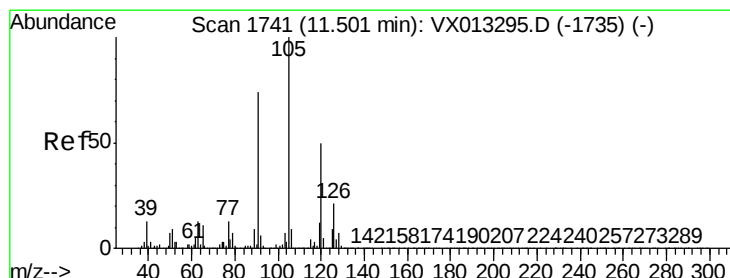
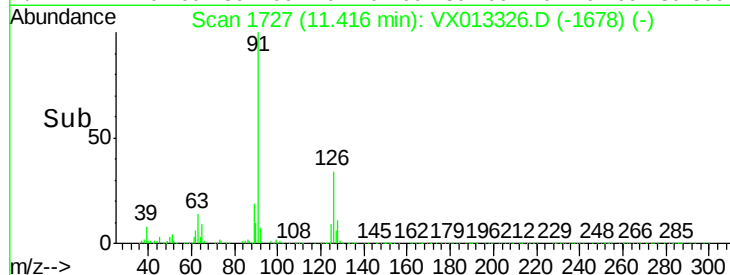
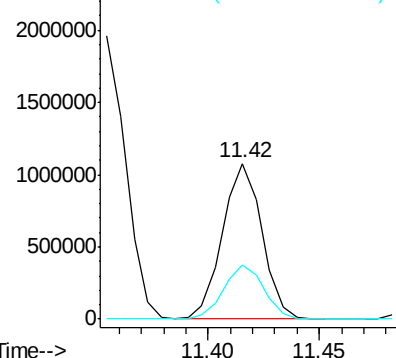
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 59.544 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013326.D

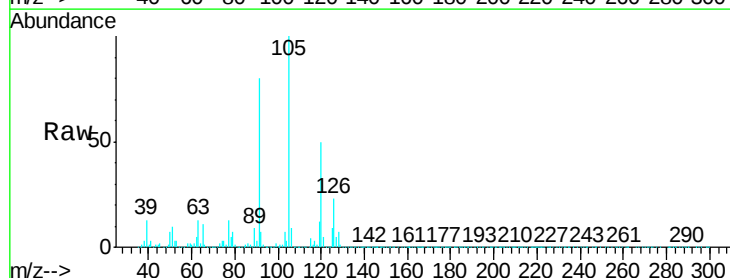
Acq: 04 Nov 2019 16:22

Tgt Ion: 105 Resp: 1681714

Ion Ratio Lower Upper

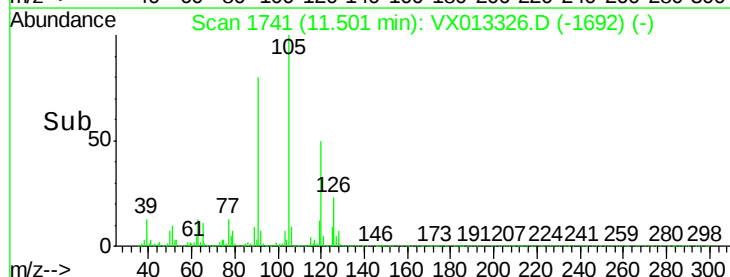
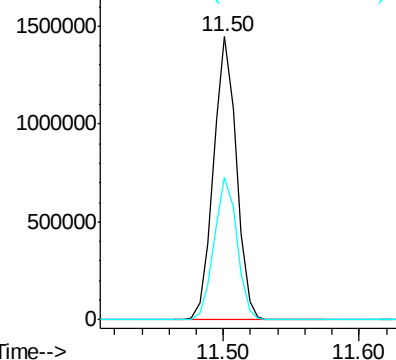
105 100

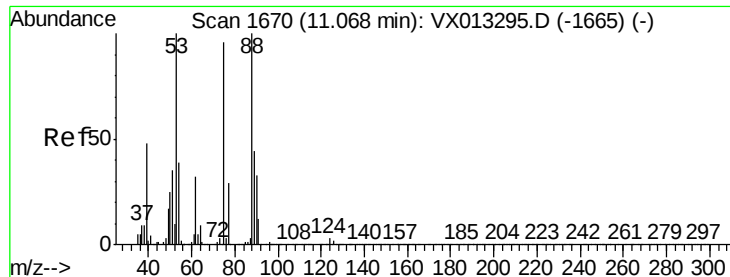
120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





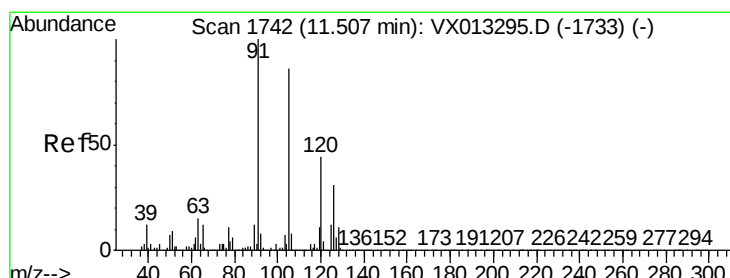
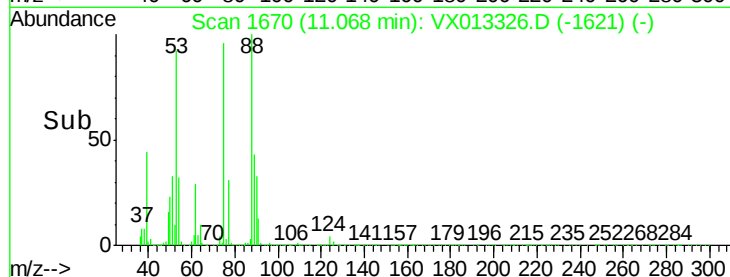
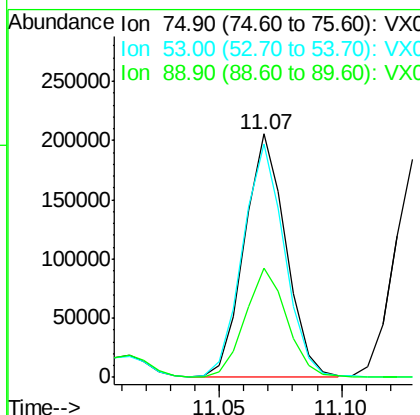
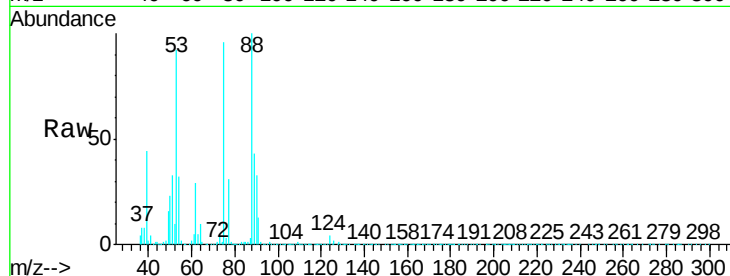
#81
trans-1,4-Dichloro-2-butene
Concen: 59.605 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.6	81.0	121.6
89	45.5	36.0	54.0

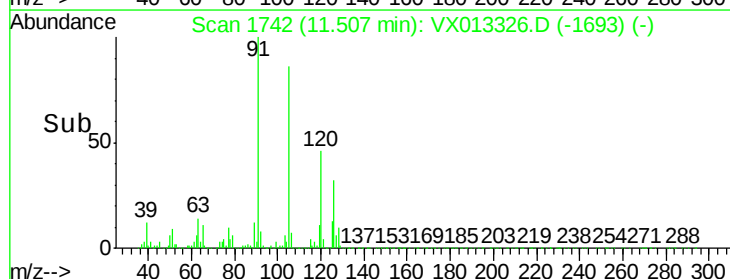
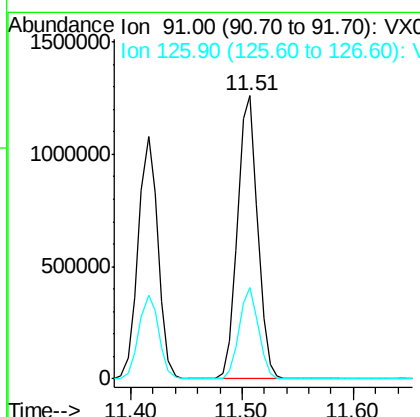
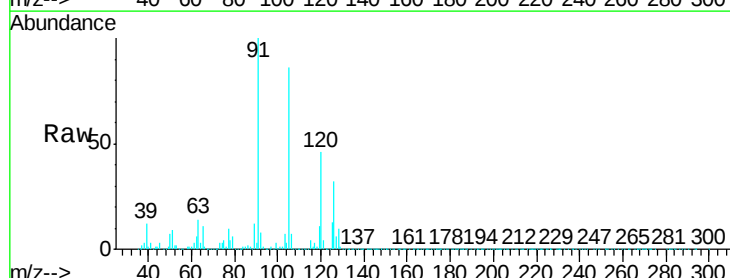
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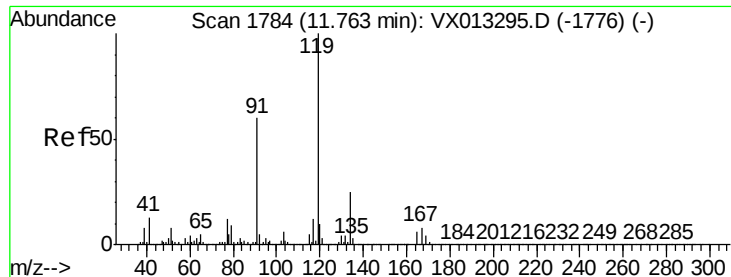
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#82
4-Chlorotoluene
Concen: 59.270 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





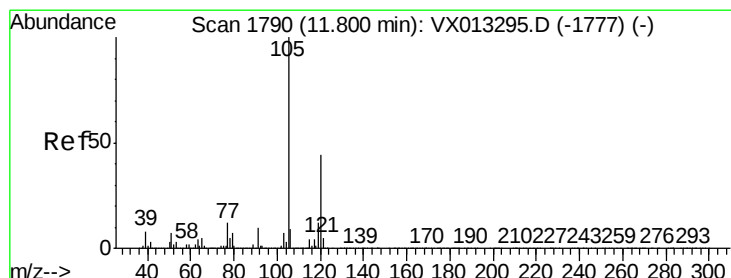
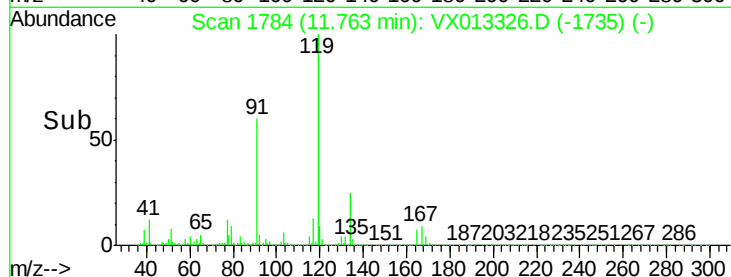
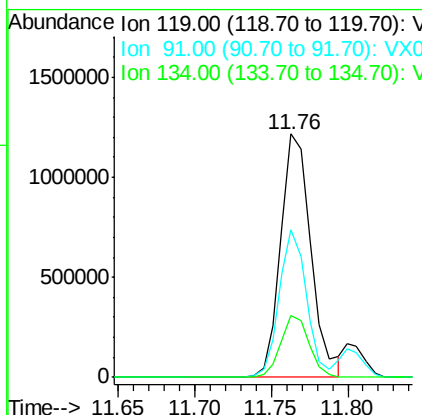
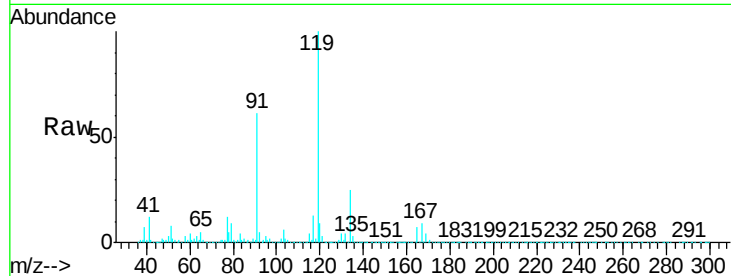
#83
 tert-Butylbenzene
 Concen: 59.046 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1678749
 Ion Ratio Lower Upper
 119 100
 91 54.4 26.9 80.7
 134 23.8 11.7 35.1

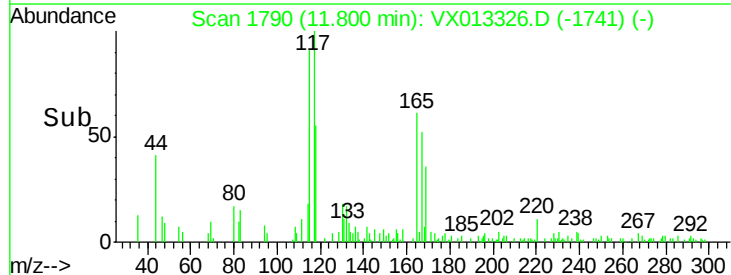
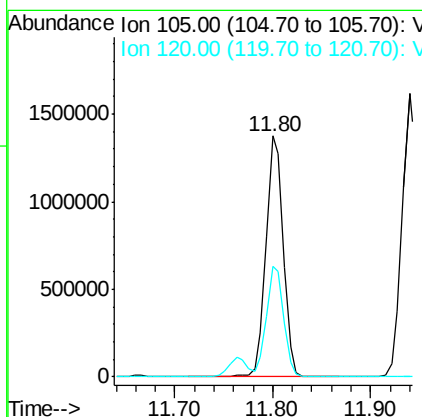
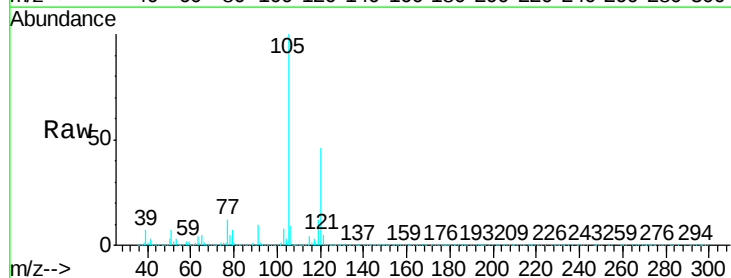
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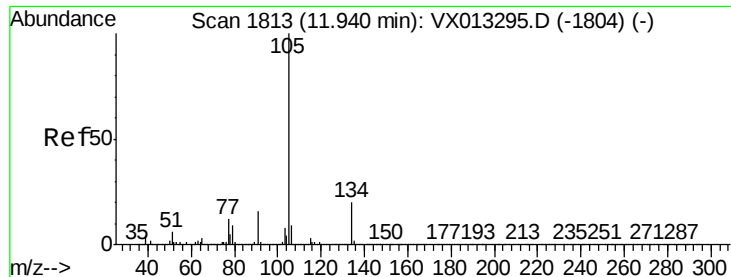
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#84
 1,2,4-Trimethylbenzene
 Concen: 59.467 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Tgt Ion:105 Resp: 1684836
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.7 68.1





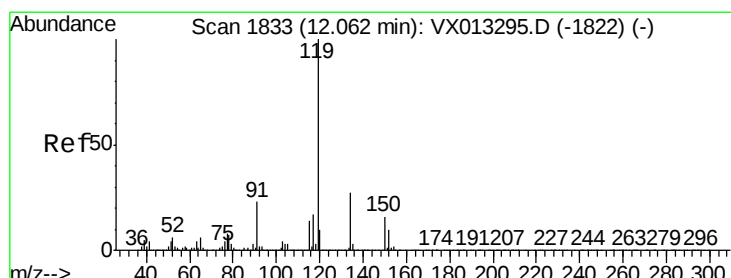
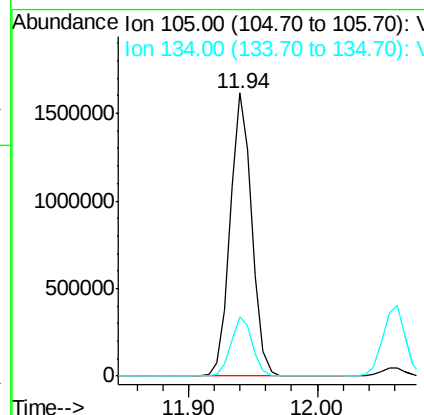
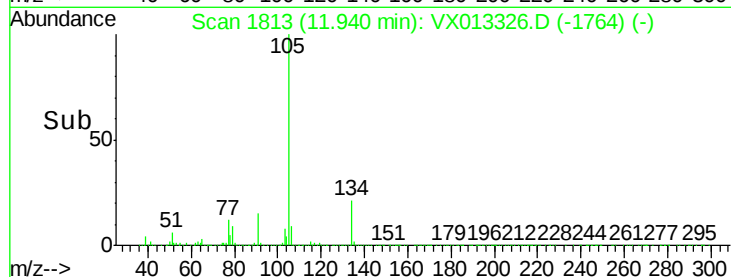
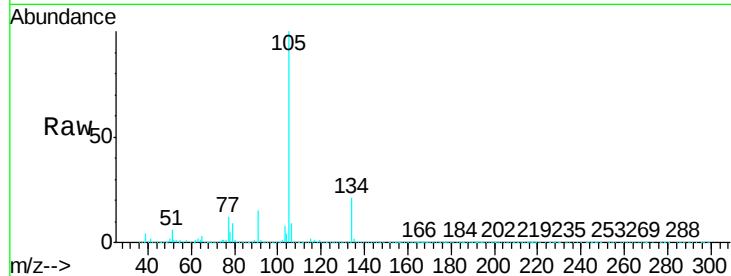
#85
 sec-Butylbenzene
 Concen: 58.193 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1901501
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9

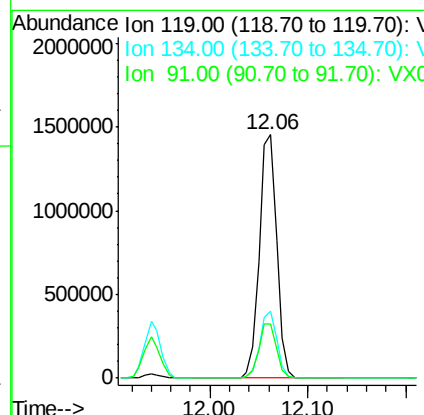
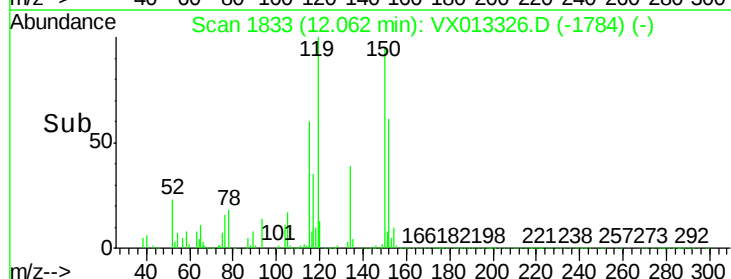
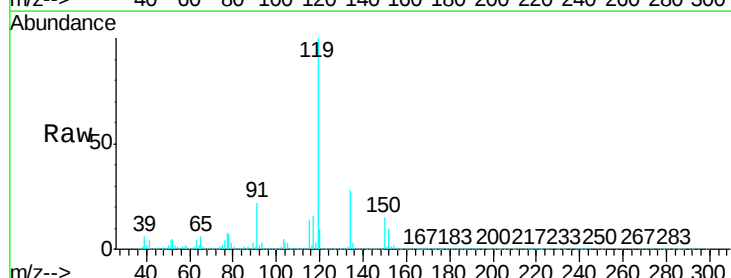
Manual Integrations
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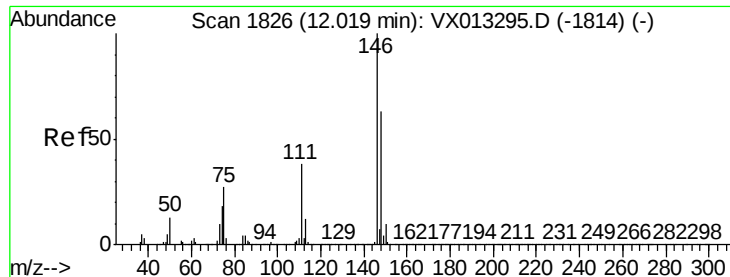
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#86
 p-Isopropyltoluene
 Concen: 59.302 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Tgt Ion:119 Resp: 1784323
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.7 11.5 34.4





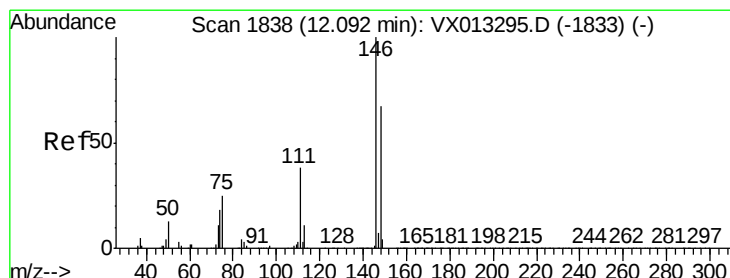
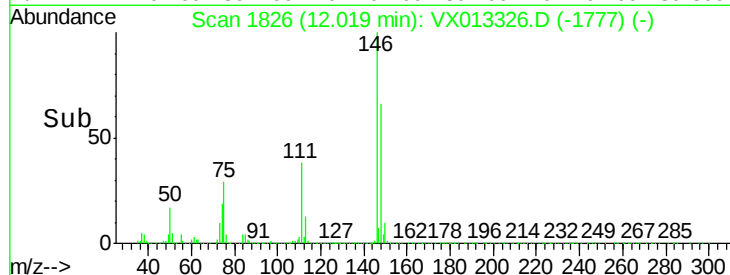
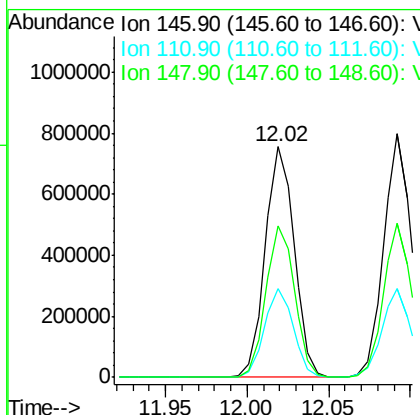
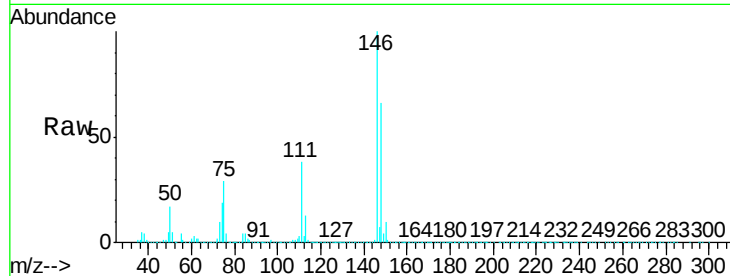
#87
 1,3-Dichlorobenzene
 Concen: 57.766 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	65.5	31.9	95.7

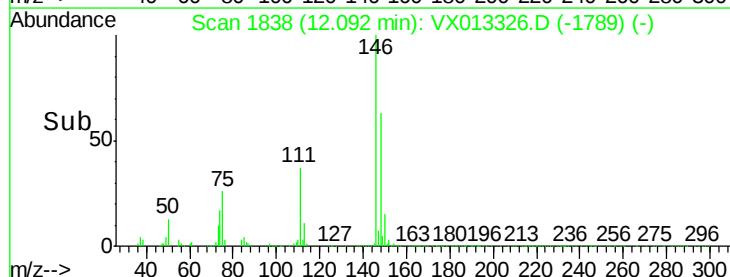
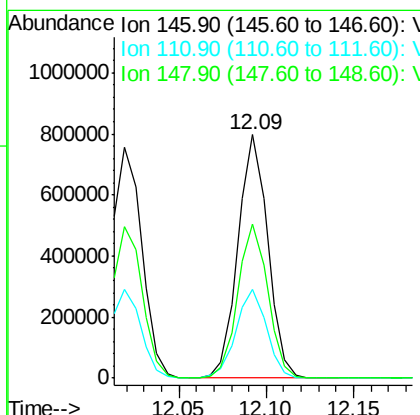
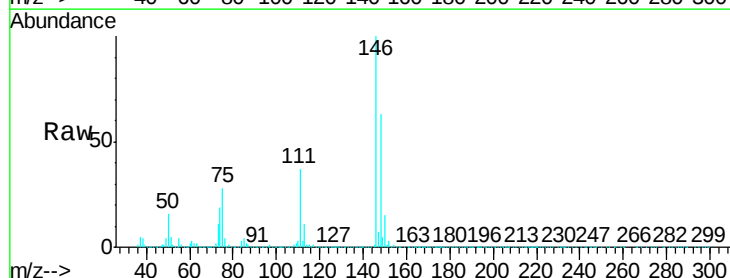
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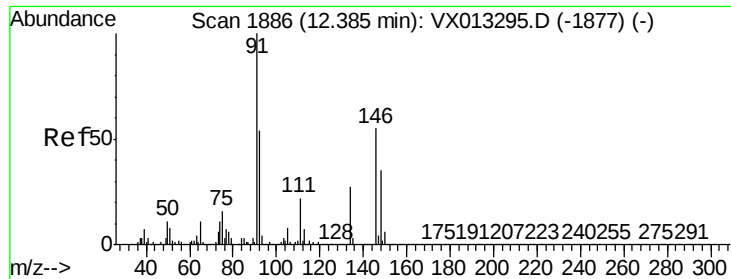
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#88
 1,4-Dichlorobenzene
 Concen: 57.572 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013326.D
 Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.4
148	63.8	32.4	97.0





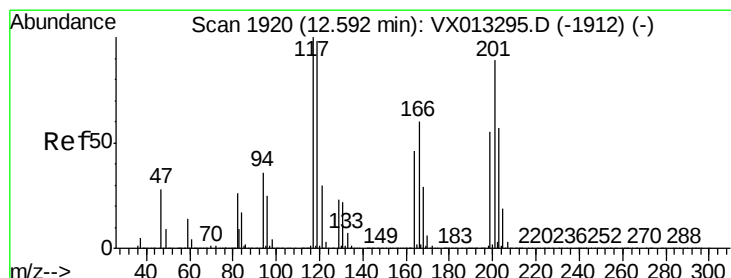
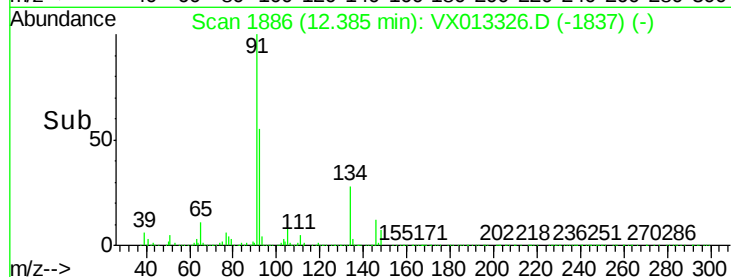
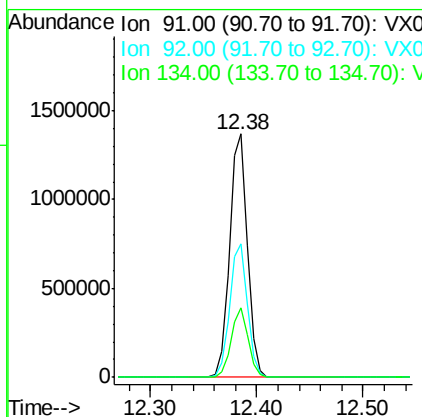
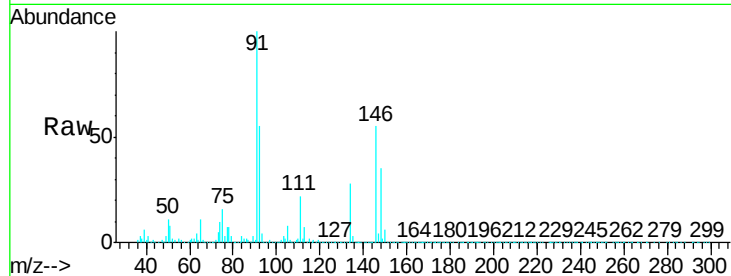
#89
n-Butylbenzene
Concen: 60.823 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1596874
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.8
134 27.3 13.5 40.5

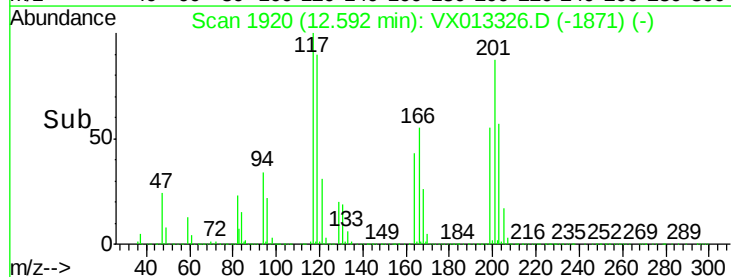
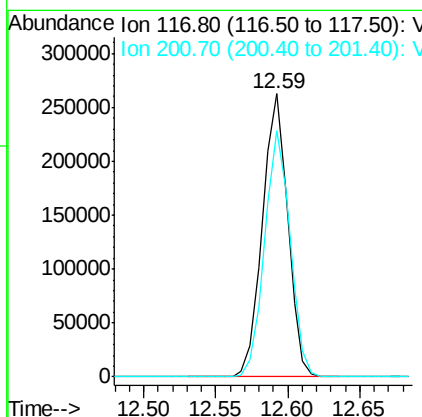
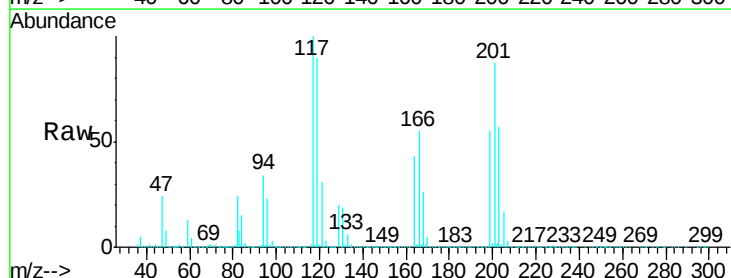
Manual Integrations
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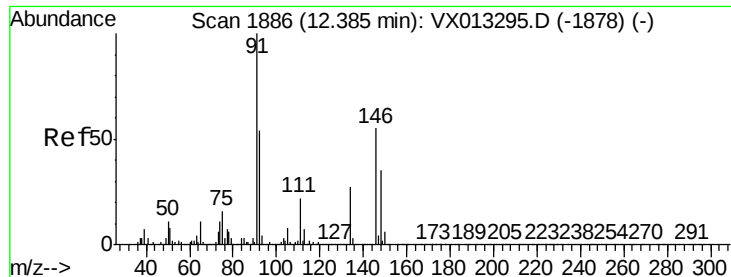
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#90
Hexachloroethane
Concen: 59.243 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion: 117 Resp: 317599
Ion Ratio Lower Upper
117 100
201 87.7 43.9 131.7





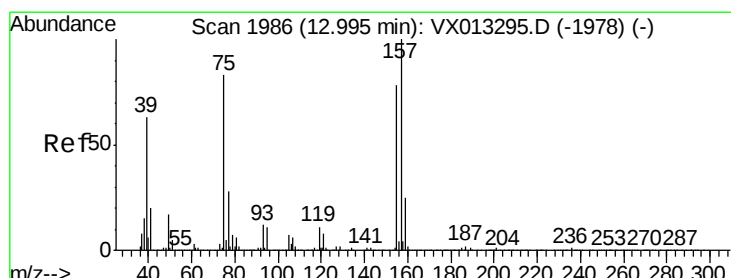
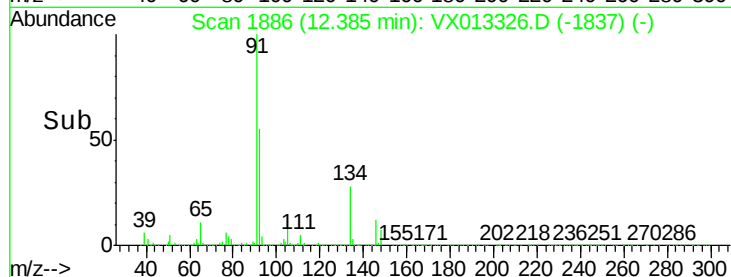
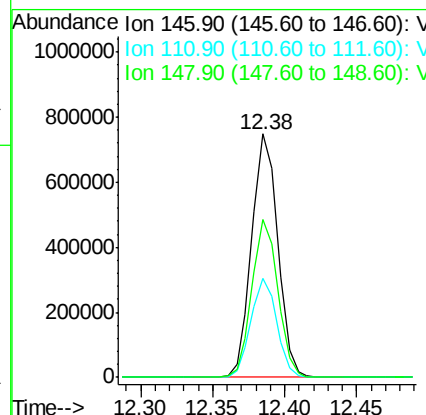
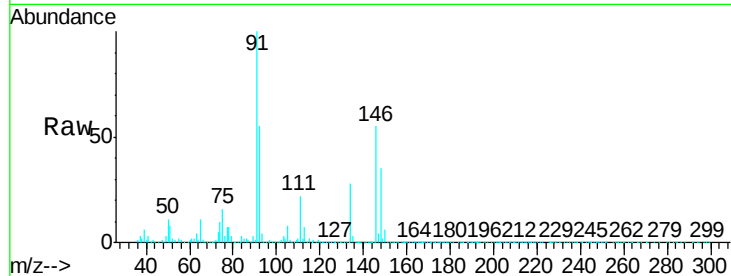
#91
1,2-Dichlorobenzene
Concen: 57.929 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	933027		
111	40.2	20.1	60.2	
148	64.5	32.0	96.0	

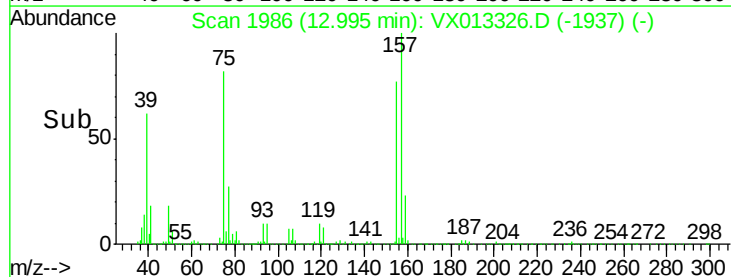
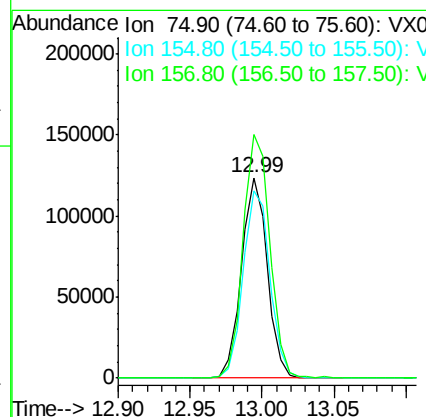
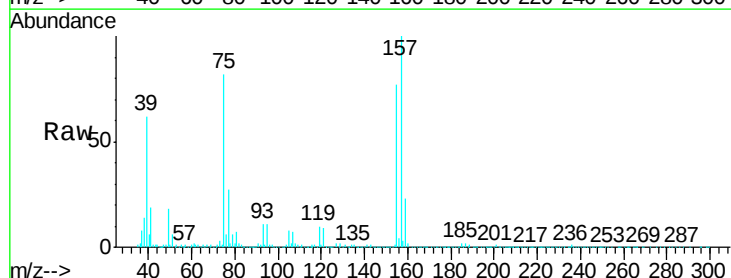
Manual Integrations
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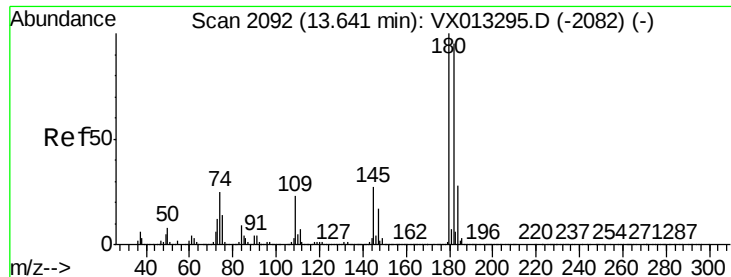
MMDadoda
11/5/2019 10:37:21 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.263 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	154494		
155	96.6	47.1	141.4	
157	125.1	61.3	183.8	





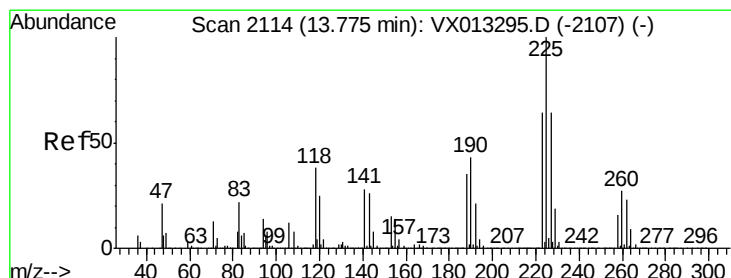
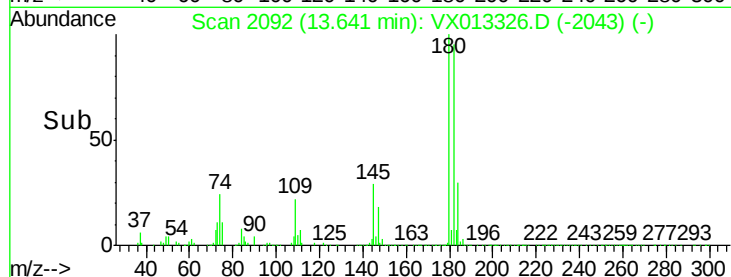
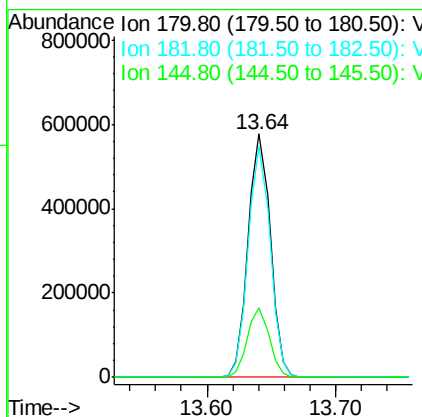
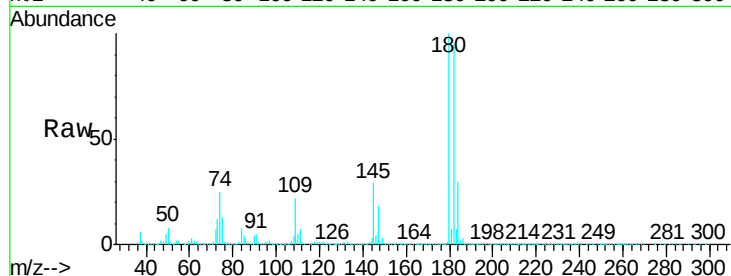
#93
1,2,4-Trichlorobenzene
Concen: 60.898 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	684183		
182	94.3	48.4	145.0	
145	28.2	14.1	42.4	

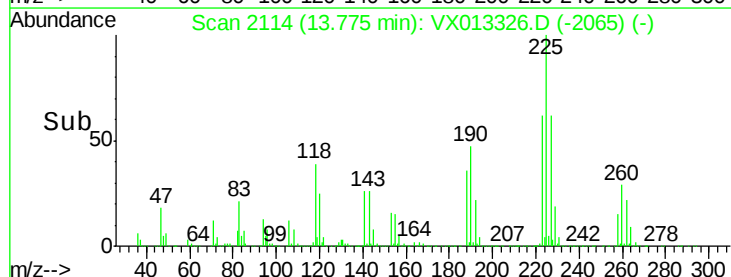
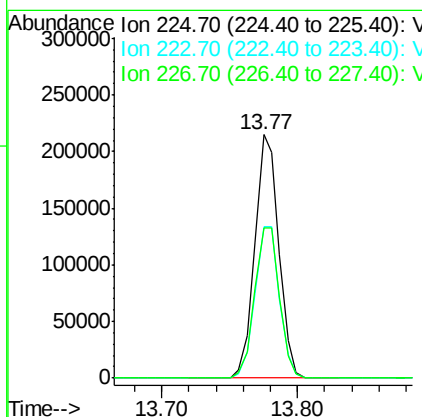
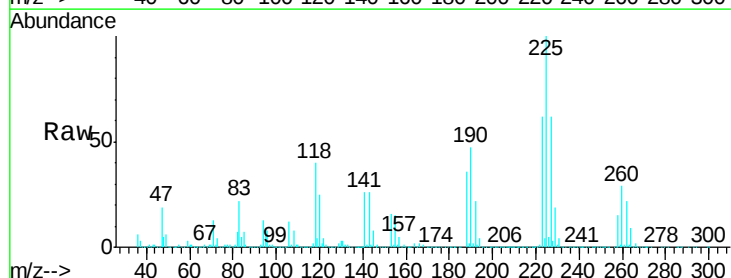
Manual Integrations
APPROVED

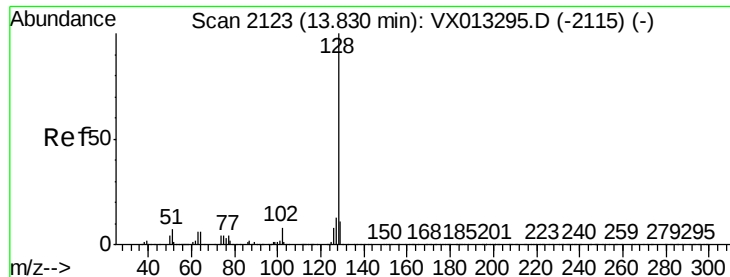
MMDadoda
11/5/2019 10:37:21 AM



#94
Hexachlorobutadiene
Concen: 48.448 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	266295		
223	64.2	31.9	95.7	
227	64.7	31.9	95.9	





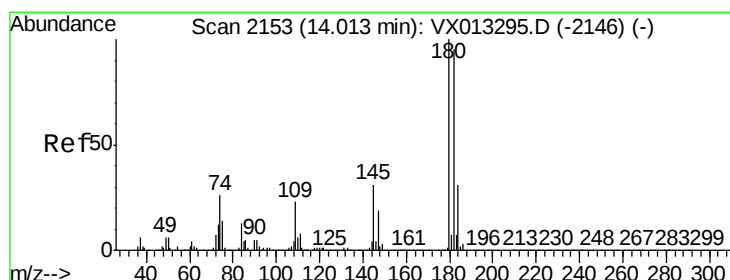
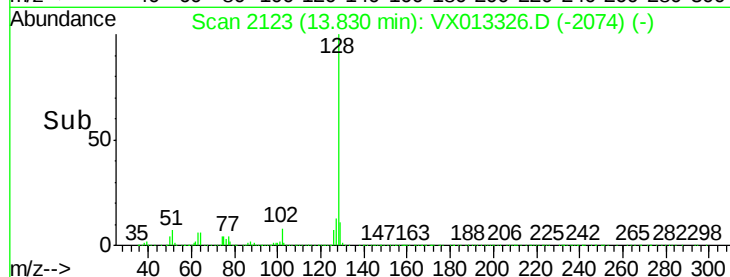
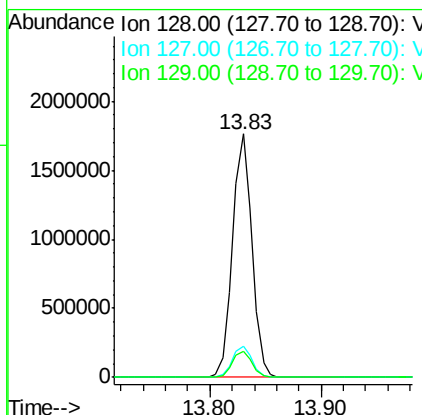
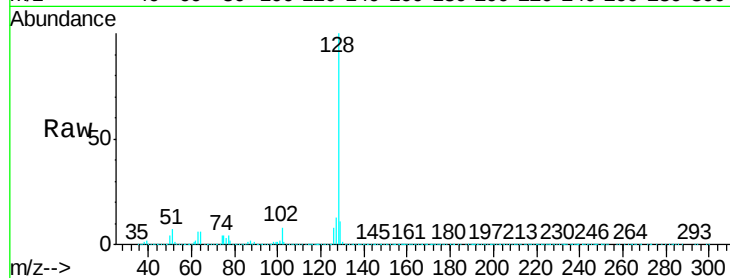
#95
Naphthalene
Concen: 60.116 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/5/2019 10:37:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 58.391 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013326.D
Acq: 04 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.2
145	30.4	15.4	46.4

