

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX110819\
 Data File : VX013352.D
 Acq On : 08 Nov 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:34:12 PM

Quant Time: Nov 11 03:16:39 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	5.65	168	747586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1121317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1016768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	524512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	418231	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	5.48	113	348228	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	1304134	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	474970	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	399580	46.389	ug/l	98
3) Chloromethane	1.31	50	426686	45.679	ug/l	100
4) Vinyl Chloride	1.40	62	488528	45.939	ug/l	99
5) Bromomethane	1.63	94	297056	40.084	ug/l	99
6) Chloroethane	1.71	64	268481	44.023	ug/l	99
7) Trichlorofluoromethane	1.92	101	537508	42.782	ug/l	98
8) Diethyl Ether	2.17	74	247092	44.474	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	337162	48.148	ug/l	99
10) Methyl Iodide	2.50	142	400223	46.162	ug/l	98
11) Tert butyl alcohol	3.03	59	420032	179.935	ug/l	100
12) 1,1-Dichloroethene	2.36	96	332692	48.515	ug/l	98
13) Acrolein	2.28	56	313967	248.164	ug/l	96
14) Allyl chloride	2.72	41	610377	48.988	ug/l	97
15) Acrylonitrile	3.12	53	1010954	231.844	ug/l	99
16) Acetone	2.43	43	1035949	234.505	ug/l	100
17) Carbon Disulfide	2.56	76	870376	47.421	ug/l	100
18) Methyl Acetate	2.76	43	568726	46.632	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1146533	50.128	ug/l	98
20) Methylene Chloride	2.84	84	377936	46.304	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	357232	47.844	ug/l	100
22) Diisopropyl ether	3.84	45	1216975	50.591	ug/l	99
23) Vinyl Acetate	3.79	43	5071293	246.373	ug/l	100
24) 1,1-Dichloroethane	3.69	63	652540	48.492	ug/l	99
25) 2-Butanone	4.65	43	1506560	232.470	ug/l	99
26) 2,2-Dichloropropane	4.56	77	540194	50.462	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	413914	49.487	ug/l	99
28) Bromochloromethane	5.00	49	190020	49.734	ug/l	99
29) Tetrahydrofuran	5.11	42	897035	224.615	ug/l	99
30) Chloroform	5.19	83	638653	48.064	ug/l	99
31) Cyclohexane	5.57	56	582450	48.102	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	540097	47.231	ug/l	99
36) 1,1-Dichloropropene	5.79	75	480127	49.912	ug/l	99
37) Ethyl Acetate	4.81	43	543804	45.750	ug/l	99
38) Carbon Tetrachloride	5.78	117	471020	50.073	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	604758	50.455	ug/l	99
40) Benzene	6.13	78	1468677	49.014	ug/l	99
41) Methacrylonitrile	5.02	41	313190	47.009	ug/l	98
42) 1,2-Dichloroethane	6.18	62	520371	48.145	ug/l	98
43) Isopropyl Acetate	6.43	43	912221	49.284	ug/l	100
44) Trichloroethene	7.20	130	399290	48.409	ug/l	99
45) 1,2-Dichloropropane	7.50	63	388333	50.864	ug/l	98
46) Dibromomethane	7.65	93	253608	48.650	ug/l	97
47) Bromodichloromethane	7.89	83	508585	51.739	ug/l	95
48) Methyl methacrylate	7.76	41	460003	49.787	ug/l	98
49) 1,4-Dioxane	7.73	88	179023	846.069	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2817246	231.991	ug/l	99
52) Toluene	8.78	92	931486	50.156	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	571732	53.190	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	638961	53.141	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	390116	50.679	ug/l	98
56) Ethyl methacrylate	9.17	69	626967	47.780	ug/l	97
57) 1,3-Dichloropropane	9.36	76	647172	49.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1356856	257.792	ug/l	100
59) 2-Hexanone	9.48	43	2284439	243.429	ug/l	99
60) Dibromochloromethane	9.57	129	416271	52.875	ug/l	98
61) 1,2-Dibromoethane	9.67	107	407246	49.821	ug/l	100
64) Tetrachloroethene	9.33	164	359689	49.416	ug/l	97
65) Chlorobenzene	10.13	112	1020928	49.596	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	381756	50.508	ug/l	100
67) Ethyl Benzene	10.24	91	1775124	49.965	ug/l	98
68) m/p-Xylenes	10.35	106	1366868	101.731	ug/l	99
69) o-Xylene	10.70	106	661097	50.257	ug/l	100
70) Styrene	10.71	104	1147061	52.165	ug/l	99
71) Bromoform	10.85	173	321778	46.177	ug/l	98
73) Isopropylbenzene	11.01	105	1761436	50.651	ug/l	100
74) N-amyl acetate	10.89	43	822954	51.031	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	611386	48.191	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	490099m	46.003	ug/l	
77) Bromobenzene	11.25	156	469713	50.666	ug/l	97
78) n-propylbenzene	11.35	91	2034333	52.515	ug/l	99
79) 2-Chlorotoluene	11.42	91	1183310	50.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1495564	51.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	210229	50.793	ug/l	96
82) 4-Chlorotoluene	11.51	91	1385275	50.703	ug/l	99
83) tert-Butylbenzene	11.76	119	1522557	52.216	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1506042	51.830	ug/l	99
85) sec-Butylbenzene	11.94	105	1735480	51.786	ug/l	99
86) p-Isopropyltoluene	12.06	119	1626020	52.692	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	828604	50.141	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	835948	49.650	ug/l	99
89) n-Butylbenzene	12.38	91	1420798	52.766	ug/l	99
90) Hexachloroethane	12.59	117	289944	52.735	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	827531	50.097	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	130824	42.326	ug/l	98

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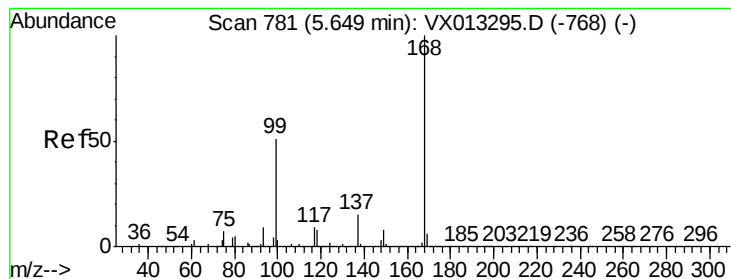
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	590496	51.247	ug/l	100
94) Hexachlorobutadiene	13.78	225	279843	49.642	ug/l	99
95) Naphthalene	13.83	128	1806672	49.975	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	587830	50.870	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 747586

Ion Ratio Lower Upper

168 100

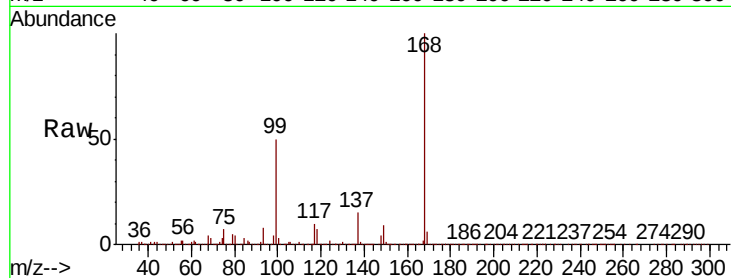
99 49.8 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

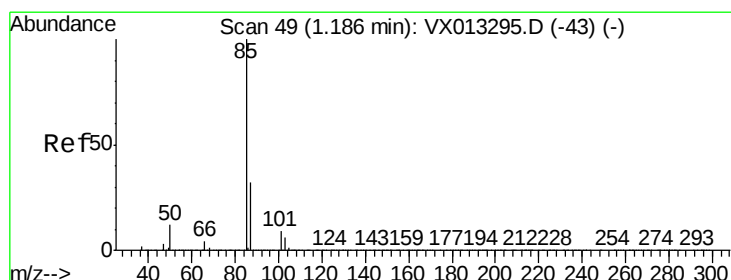
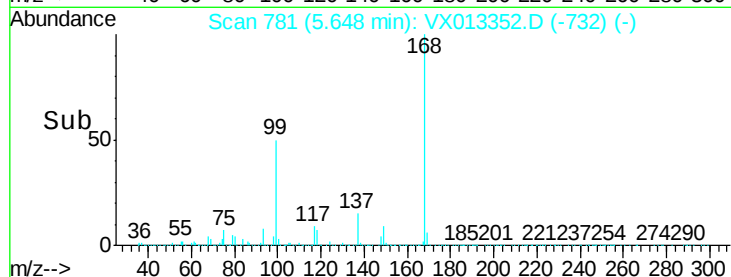
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.389 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013352.D

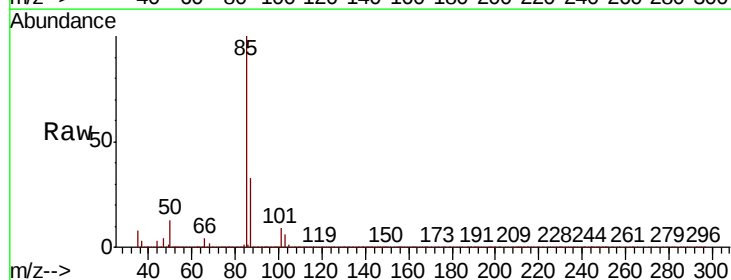
Acq: 08 Nov 2019 09:57

Tgt Ion: 85 Resp: 399580

Ion Ratio Lower Upper

85 100

87 32.6 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

400000

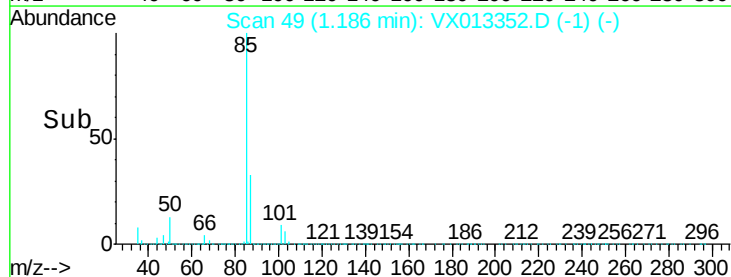
300000

200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.679 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 426686

Ion Ratio Lower Upper

50 100

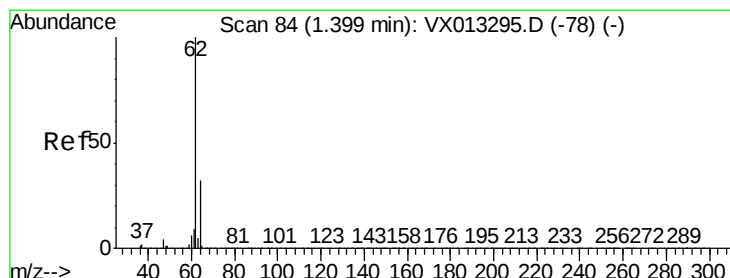
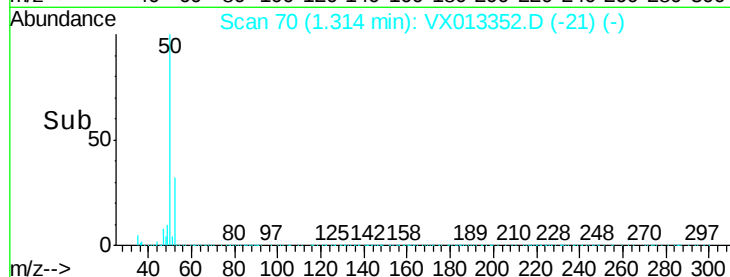
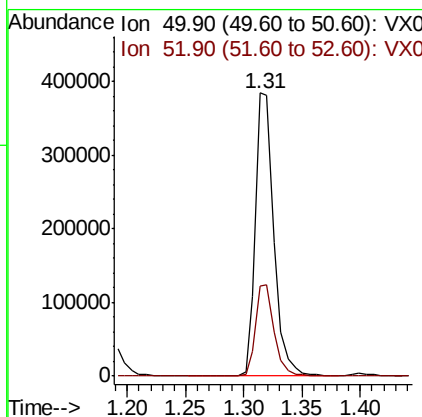
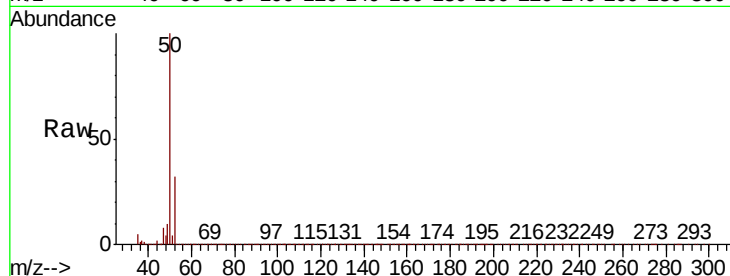
52 31.7 25.5 38.3

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#4

Vinyl Chloride

Concen: 45.939 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013352.D

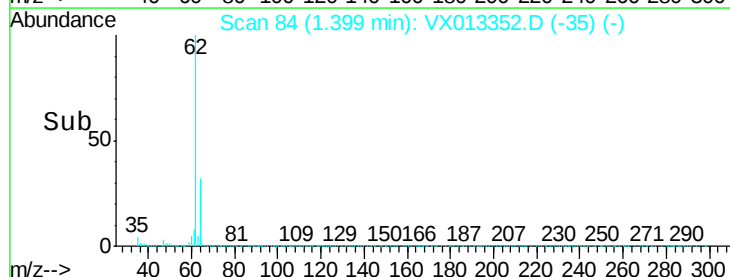
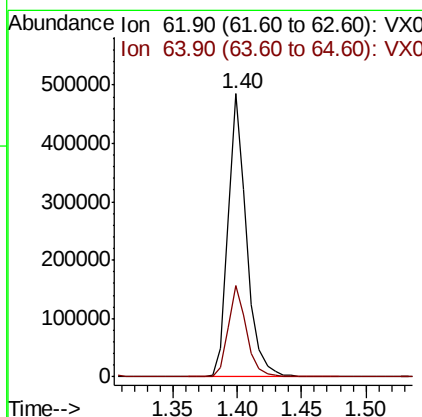
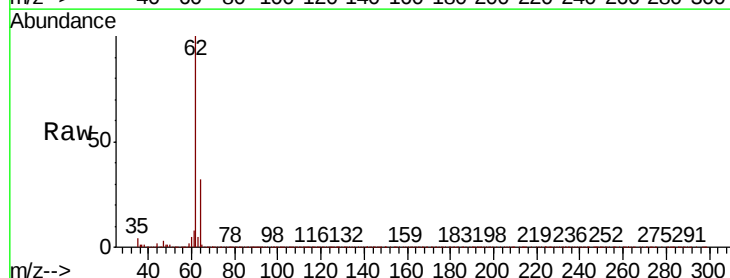
Acq: 08 Nov 2019 09:57

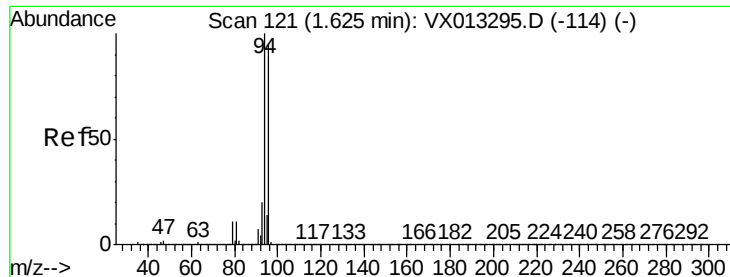
Tgt Ion: 62 Resp: 488528

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 40.084 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 297056

Ion Ratio Lower Upper

94 100

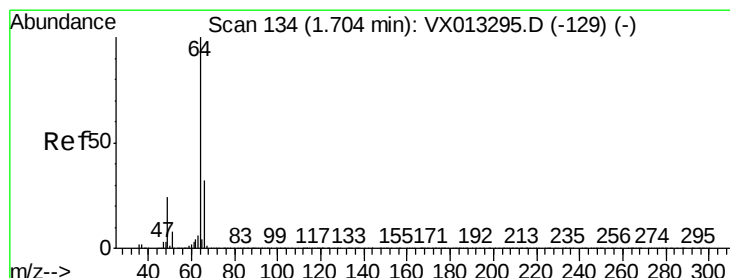
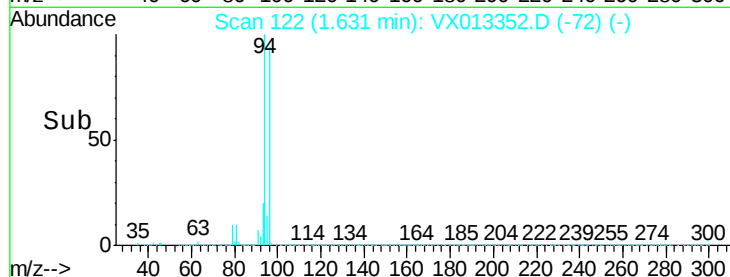
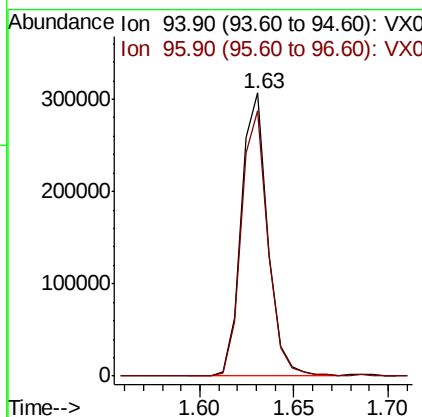
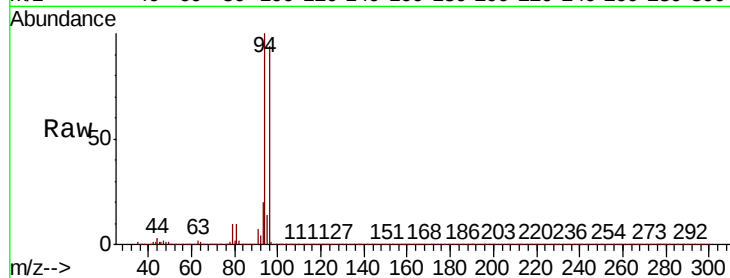
96 93.9 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 44.023 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013352.D

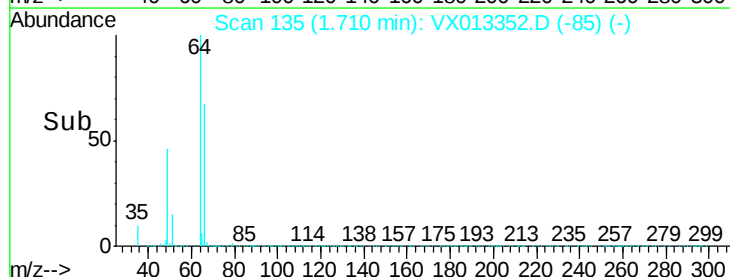
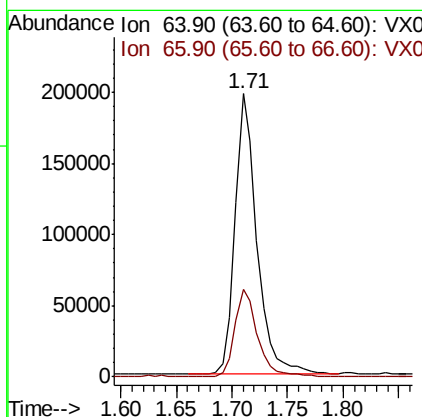
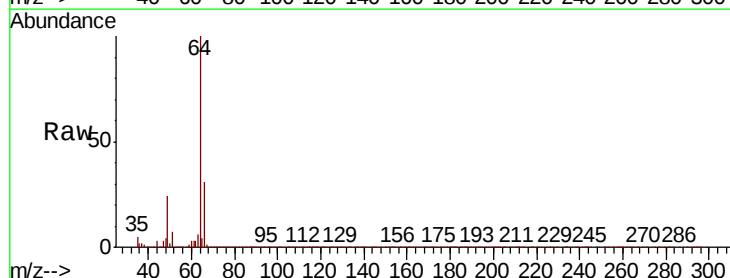
Acq: 08 Nov 2019 09:57

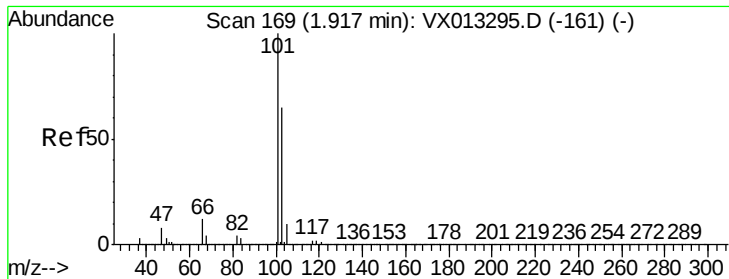
Tgt Ion: 64 Resp: 268481

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4





#7

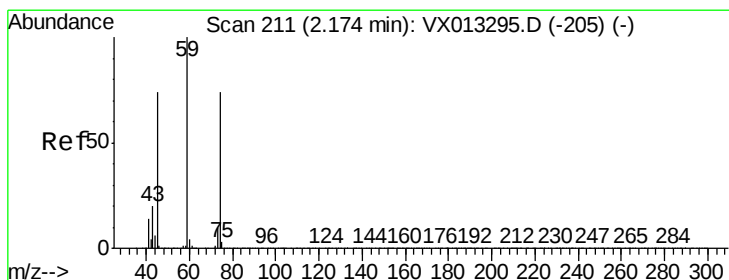
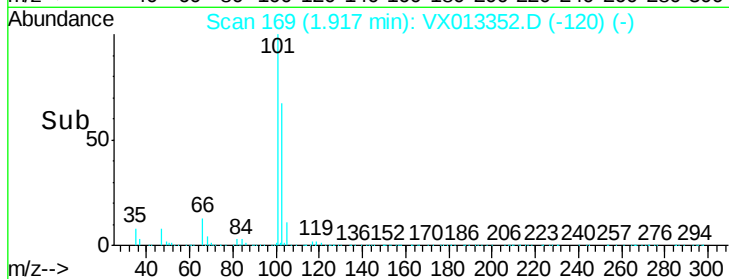
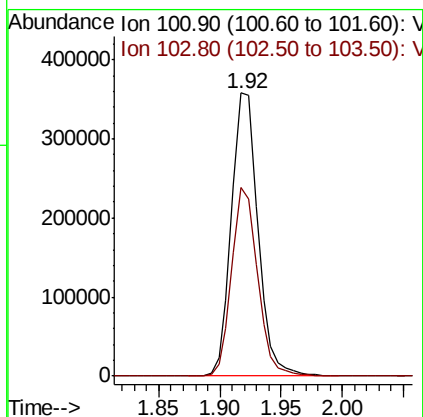
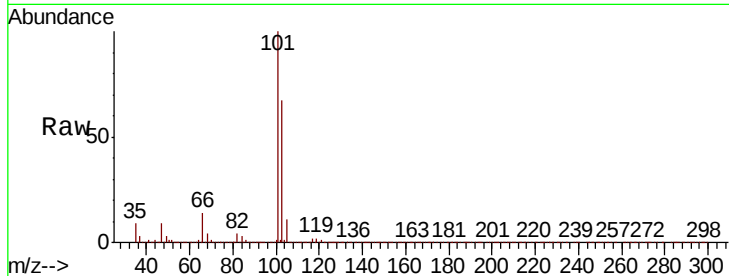
Trichlorofluoromethane
Concen: 42.782 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013352.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	52.3	78.5

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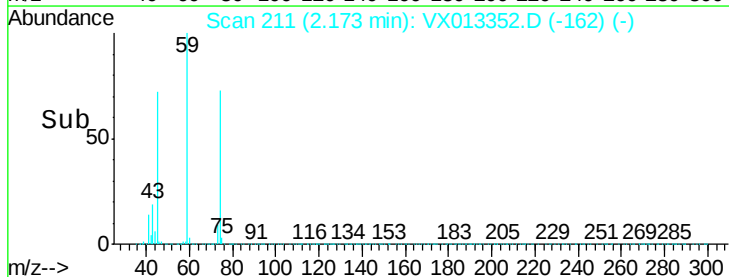
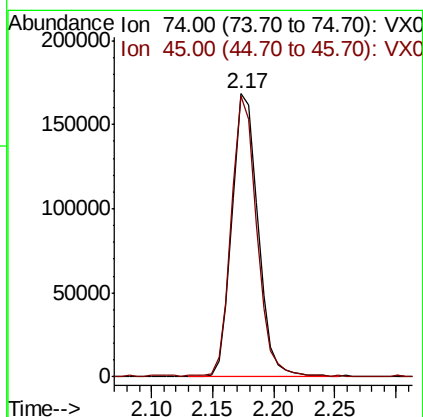
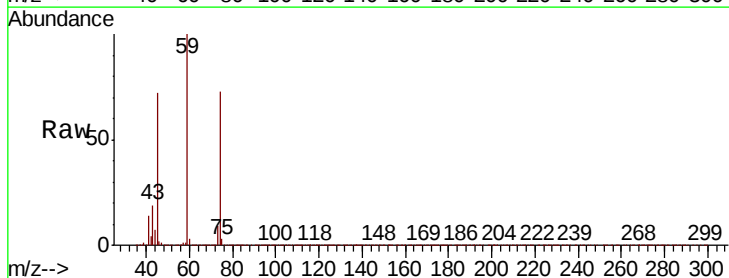
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11/11/2019 3:34:12 PM

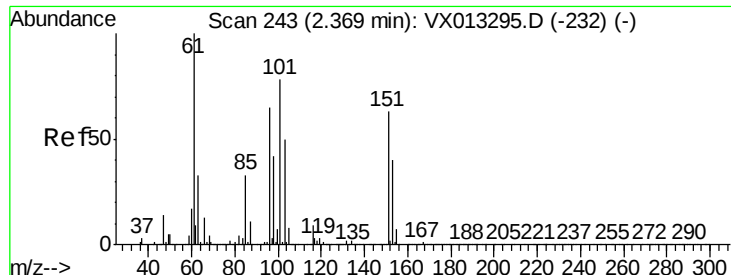


#8

Diethyl Ether
Concen: 44.474 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.148 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

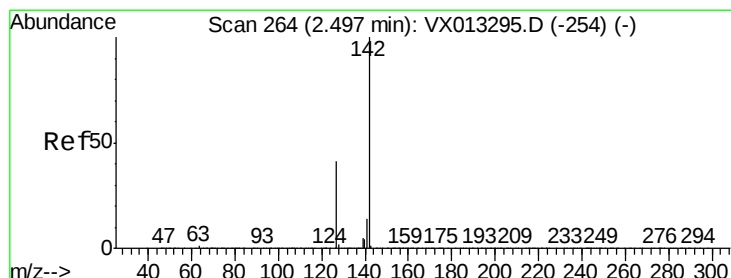
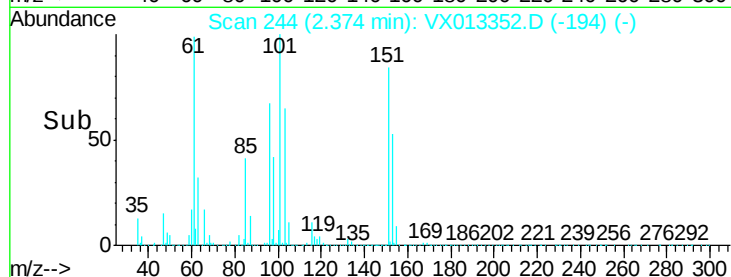
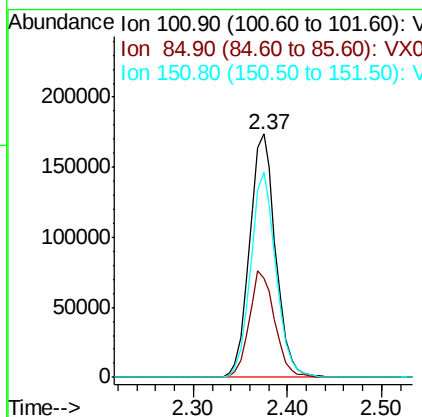
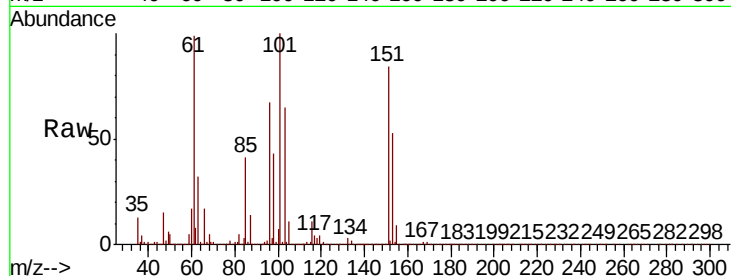
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	337162
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	82.2	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.162 ug/l

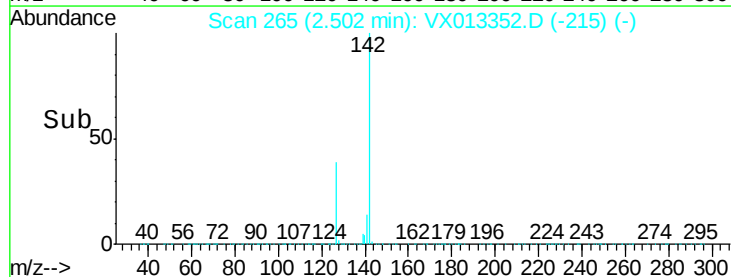
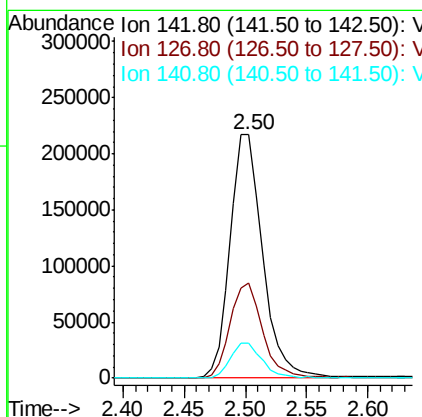
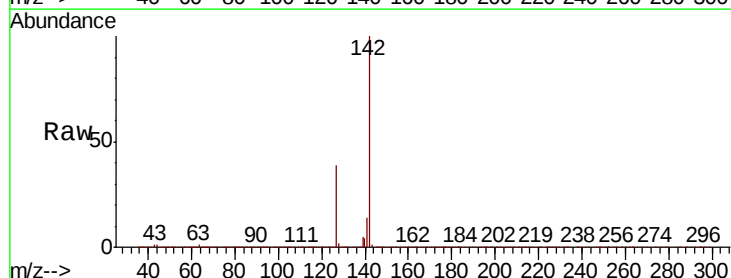
RT: 2.50 min Scan# 265

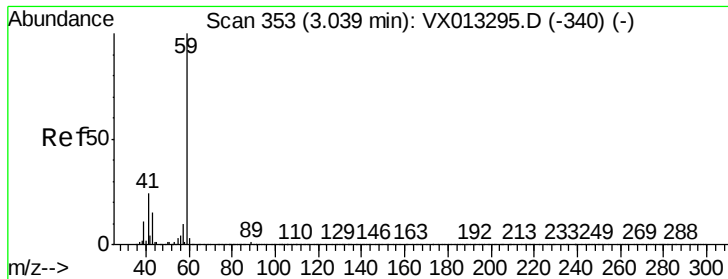
Delta R.T. 0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion:	142	Resp:	400223
Ion Ratio	Lower	Upper	
142	100		
127	39.0	32.6	49.0
141	14.4	11.6	17.4





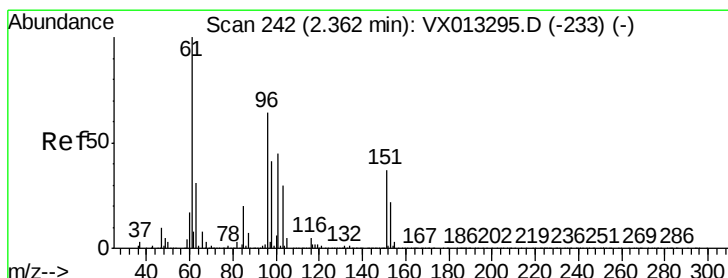
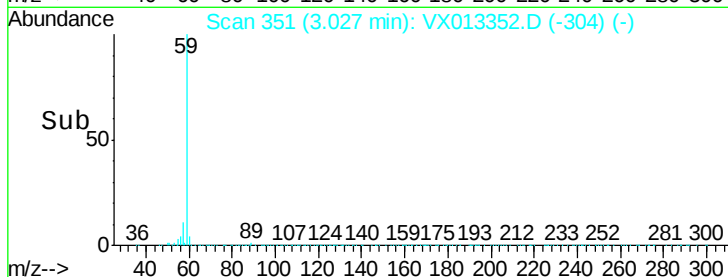
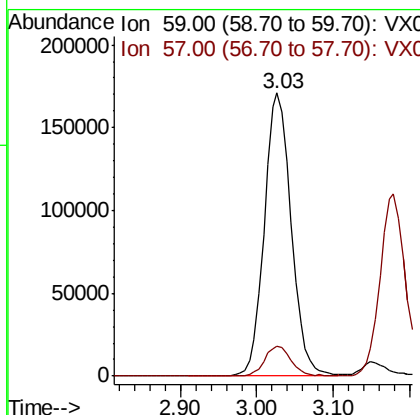
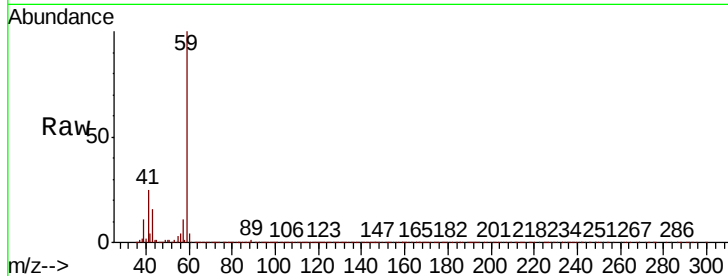
#11
Tert butyl alcohol
Concen: 179.935 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.0	12.0

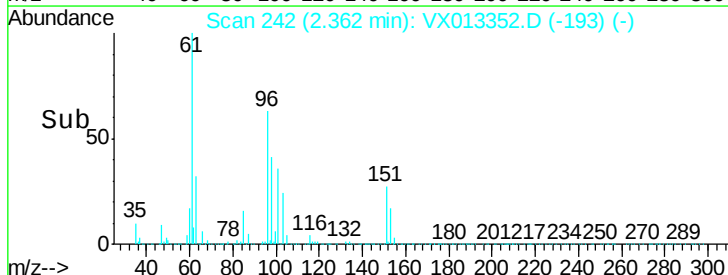
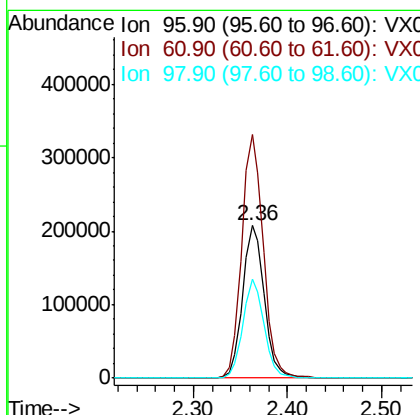
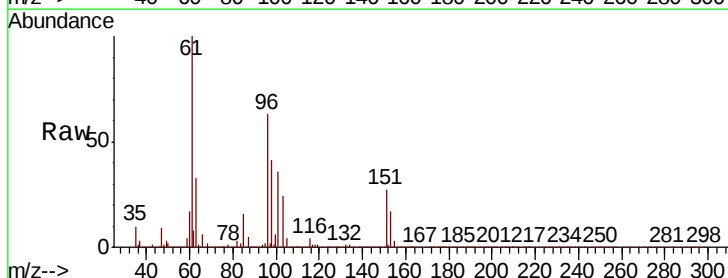
Manual Integrations
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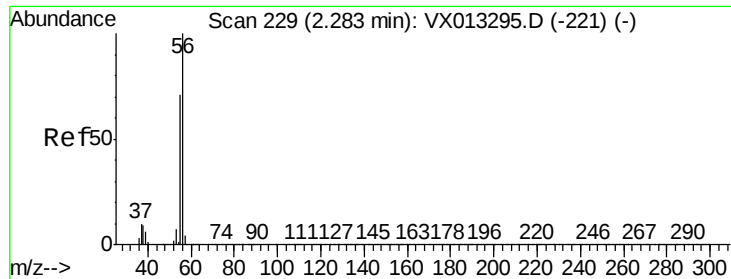
MMDadoda
11/11/2019 3:34:12 PM



#12
1,1-Dichloroethene
Concen: 48.515 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	125.0	187.6
98	64.7	50.7	76.1





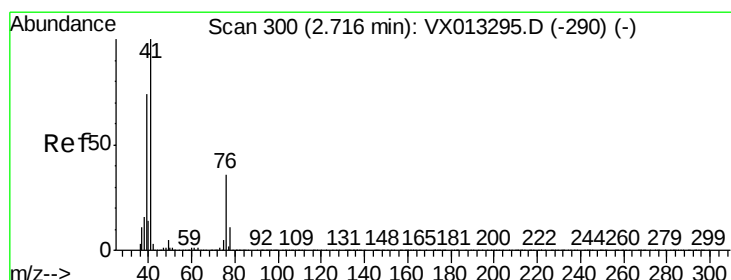
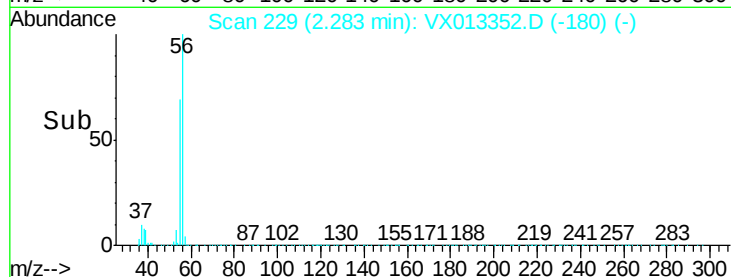
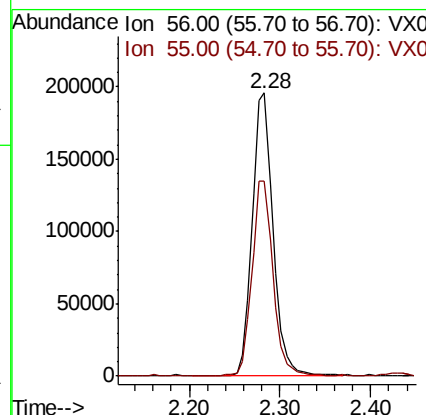
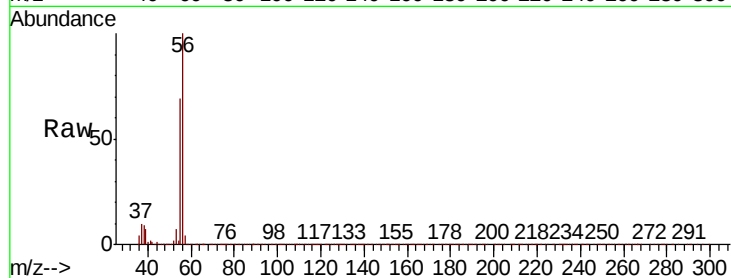
#13
Acrolein
Concen: 248.164 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.5	57.4	86.0

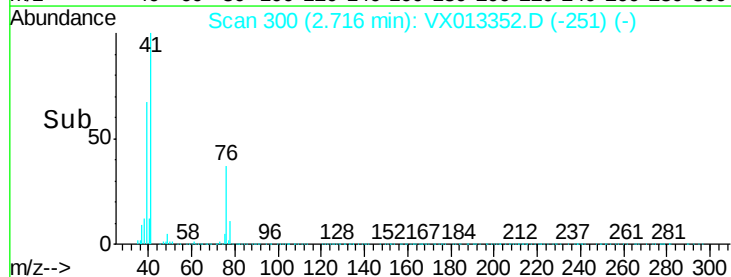
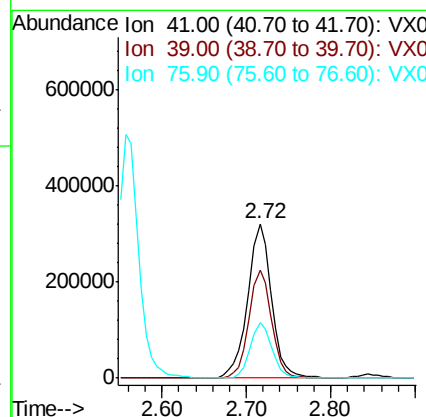
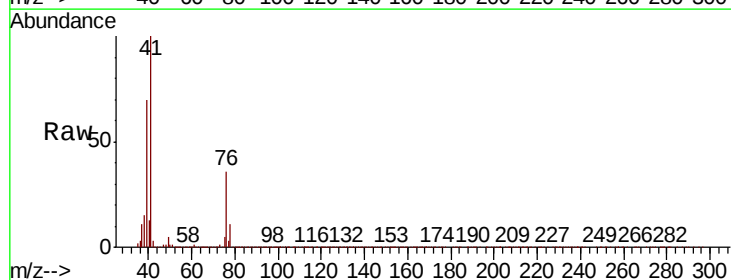
Manual Integrations
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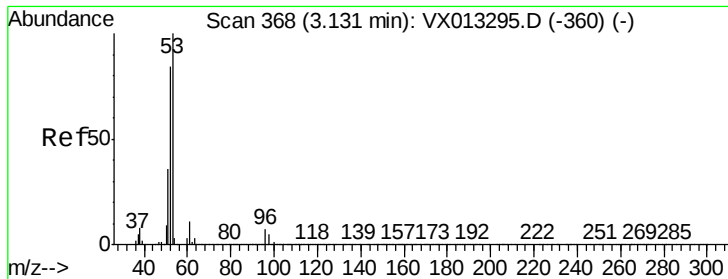
MMDadoda
11/11/2019 3:34:12 PM



#14
Allyl chloride
Concen: 48.988 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.0	55.8	83.8
76	32.5	26.4	39.6





#15

Acrylonitrile

Concen: 231.844 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

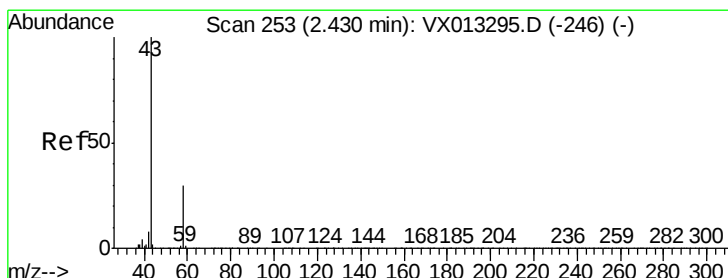
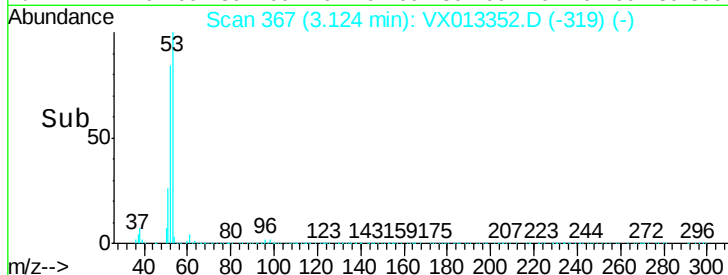
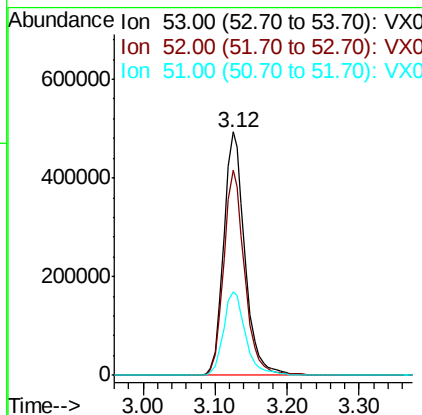
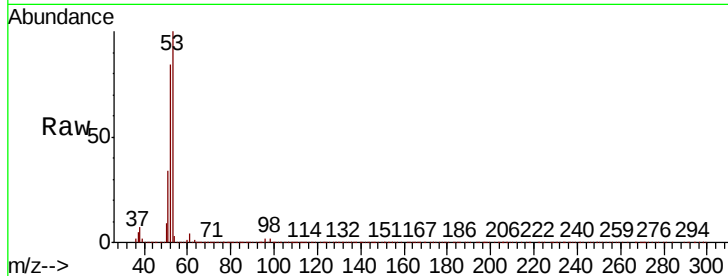
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	1010954
Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.4	101.0
51	35.9	29.4	44.2

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#16

Acetone

Concen: 234.505 ug/l

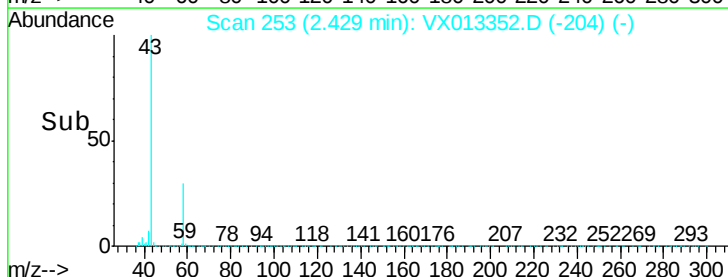
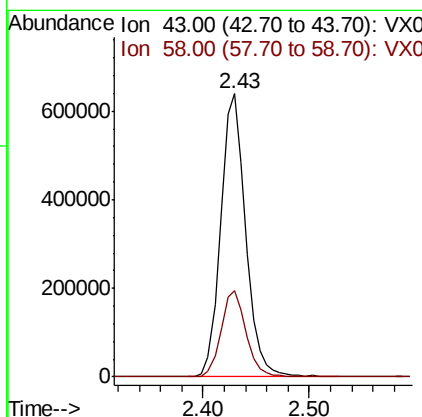
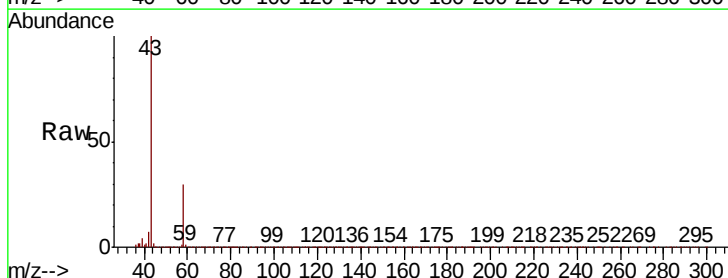
RT: 2.43 min Scan# 253

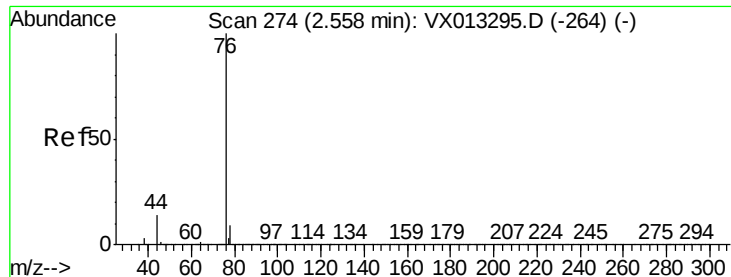
Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion:	43	Resp:	1035949
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.3	36.5





#17

Carbon Disulfide

Concen: 47.421 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 870376

Ion Ratio Lower Upper

76 100

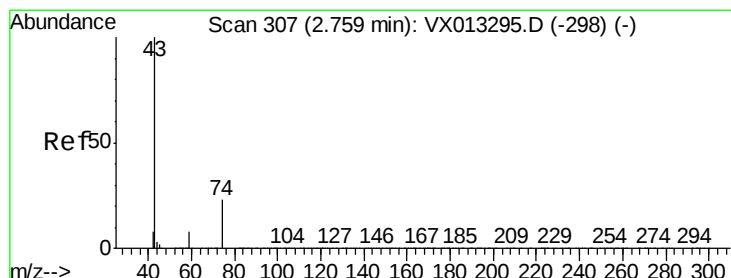
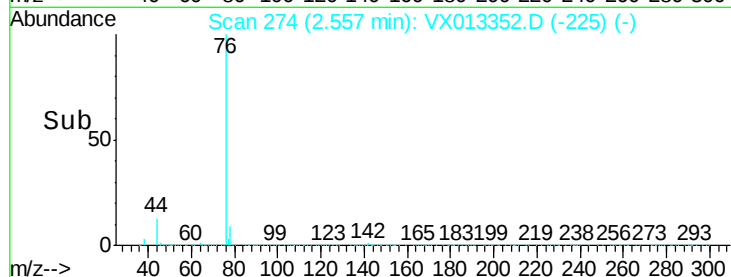
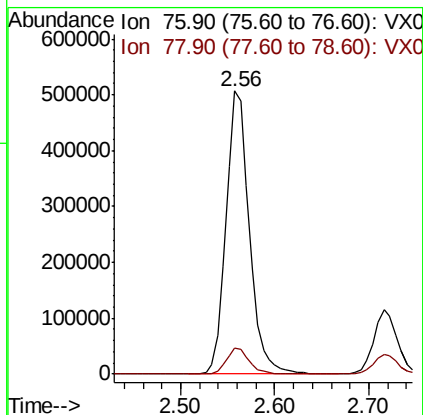
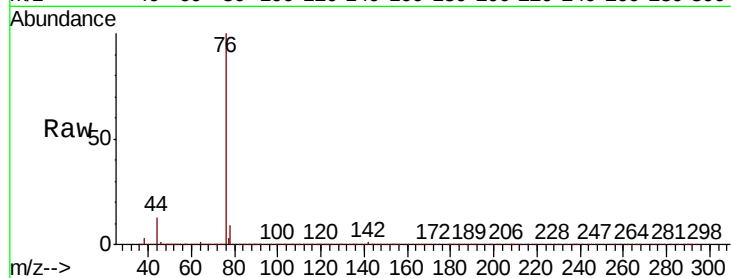
78 9.0 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 46.632 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013352.D

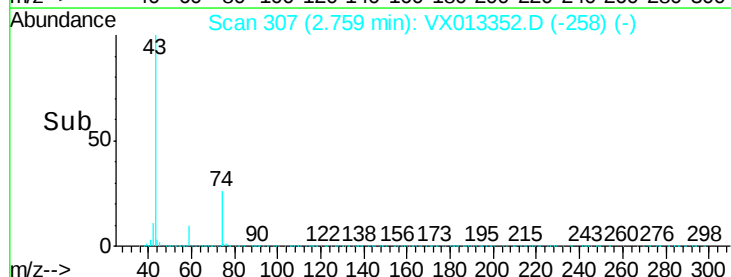
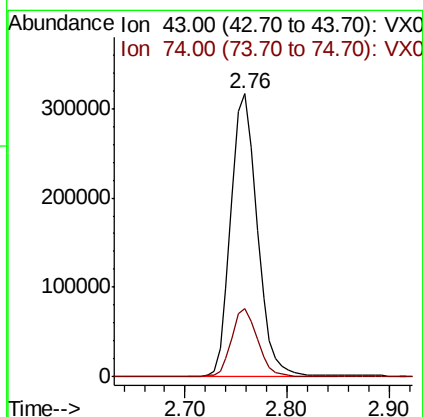
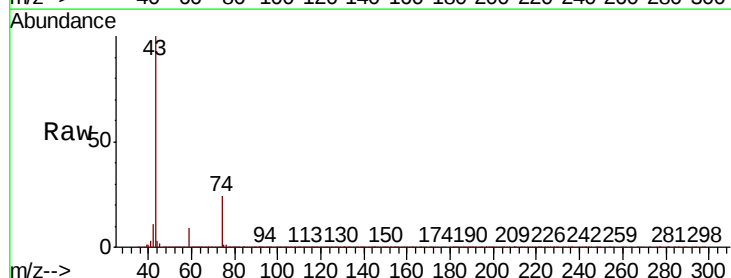
Acq: 08 Nov 2019 09:57

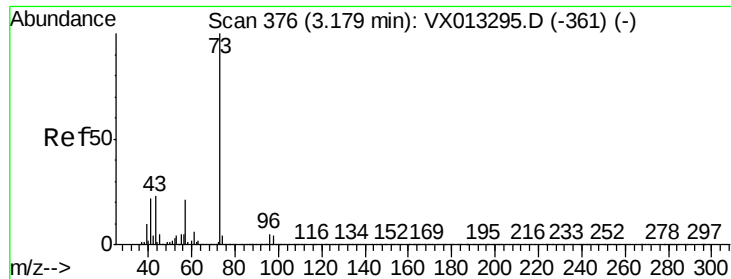
Tgt Ion: 43 Resp: 568726

Ion Ratio Lower Upper

43 100

74 24.0 19.0 28.6





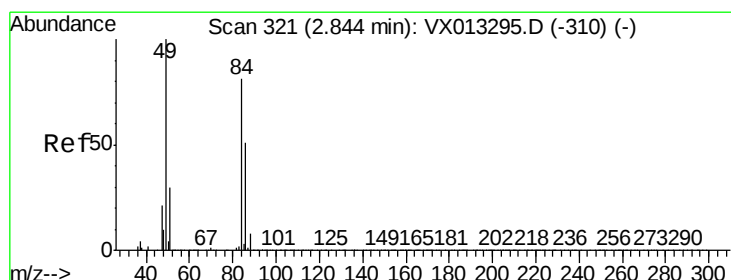
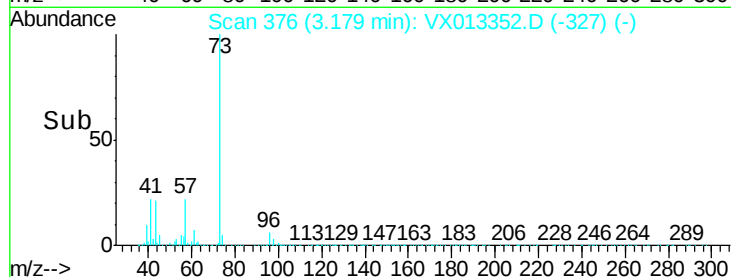
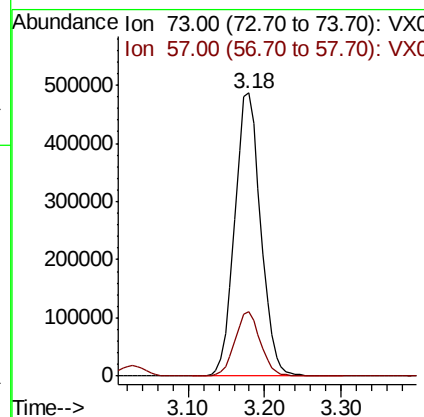
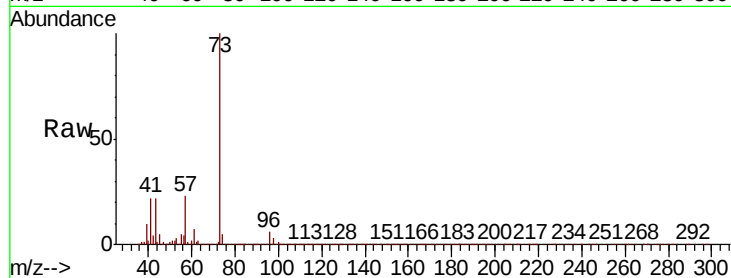
#19
Methvl tert-butvl Ether
Concen: 50.128 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1146533
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7

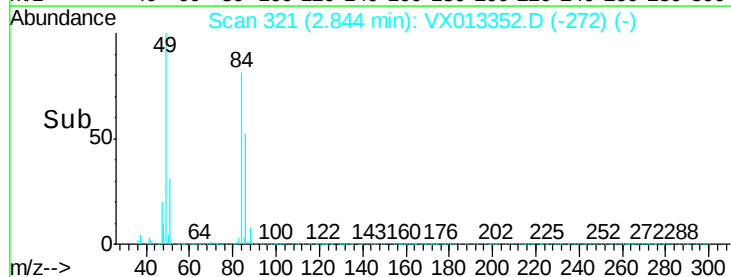
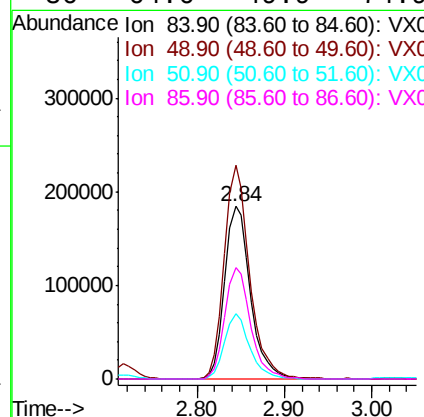
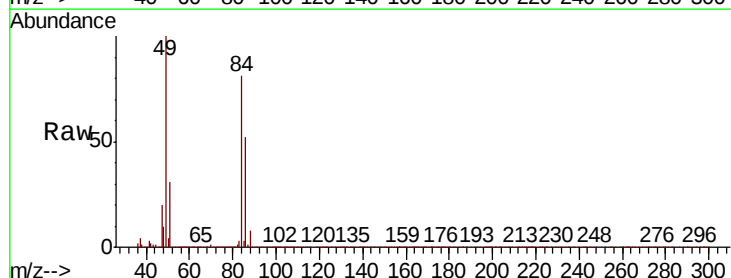
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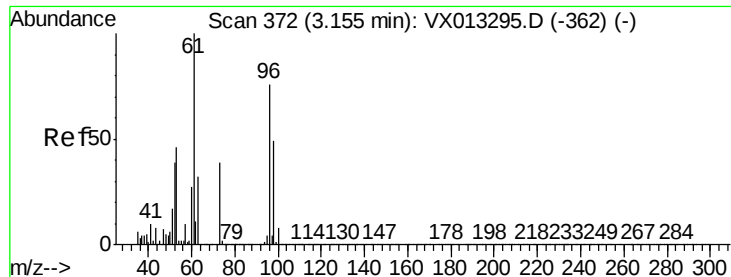
MMDadoda
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#20
Methylene Chloride
Concen: 46.304 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 84 Resp: 377936
Ion Ratio Lower Upper
84 100
49 123.6 98.2 147.4
51 37.8 29.9 44.9
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.844 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 357232

Ion Ratio Lower Upper

96 100

61 131.9 105.8 158.6

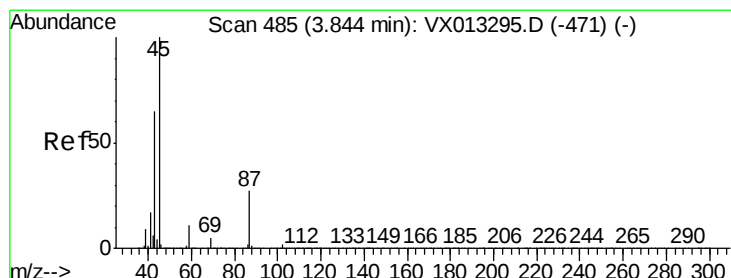
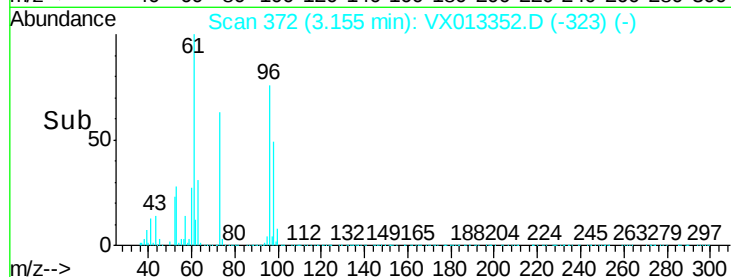
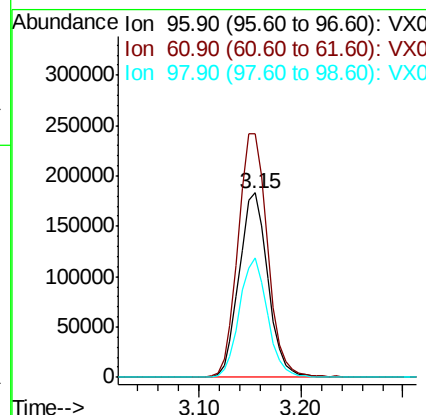
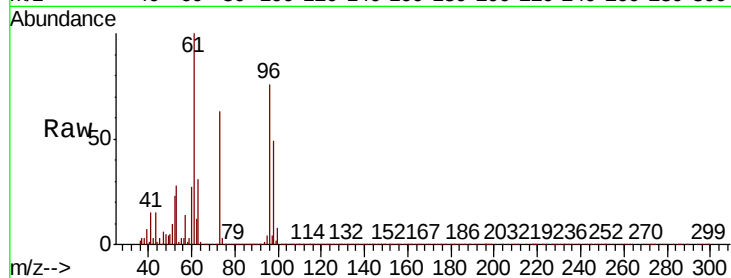
98 64.7 51.8 77.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.591 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion: 45 Resp: 1216975

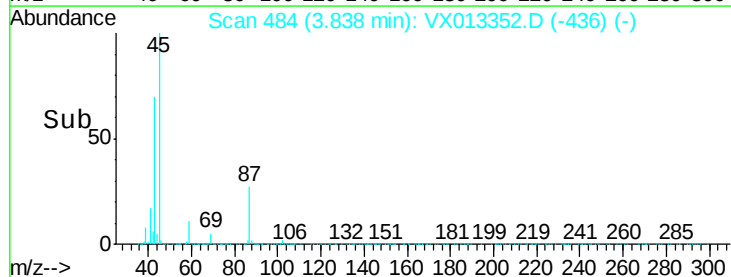
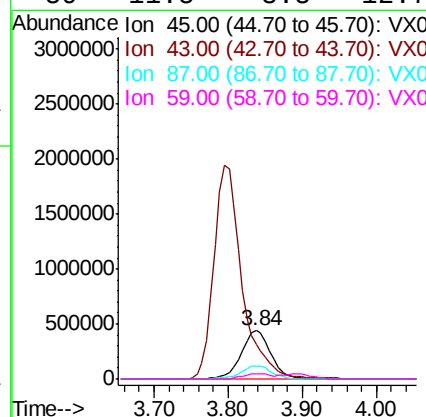
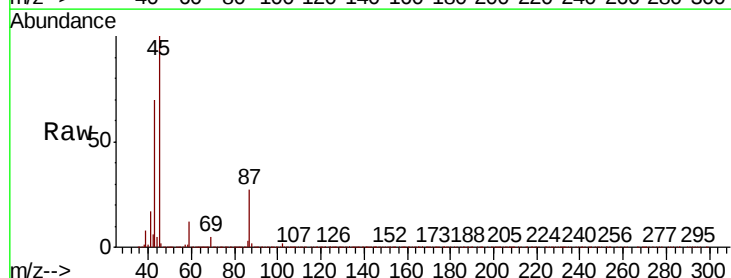
Ion Ratio Lower Upper

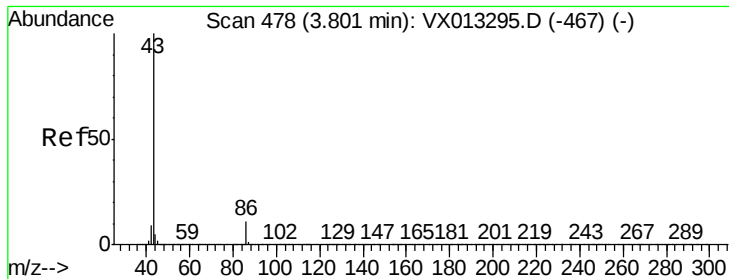
45 100

43 68.8 54.2 81.2

87 26.9 21.8 32.8

59 11.5 8.5 12.7





#23

Vinyl Acetate

Concen: 246.373 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 5071293

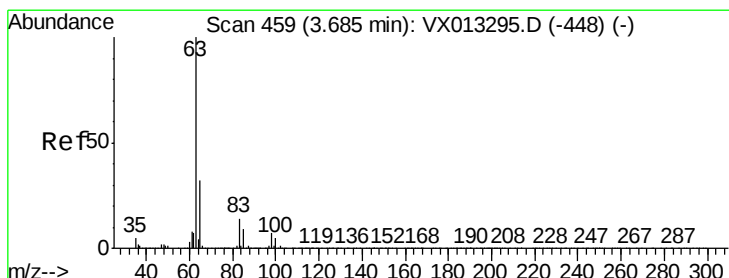
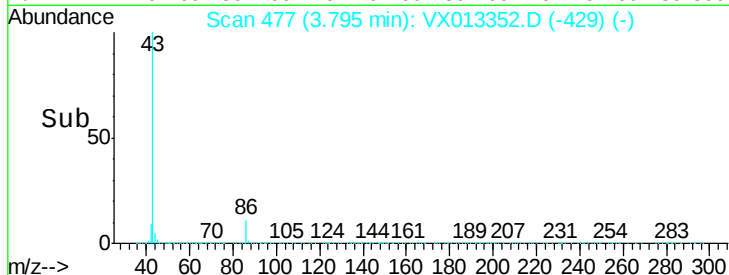
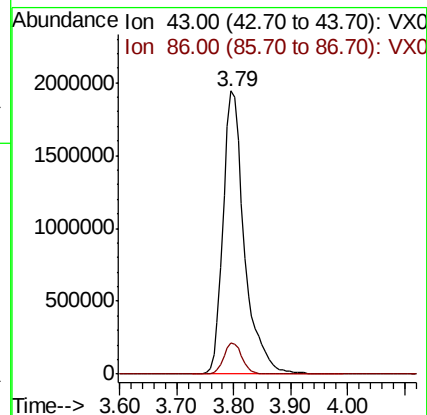
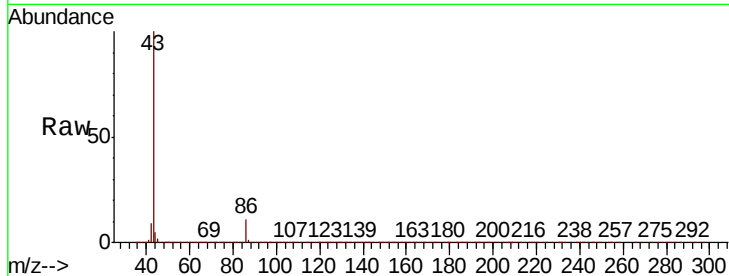
Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 48.492 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

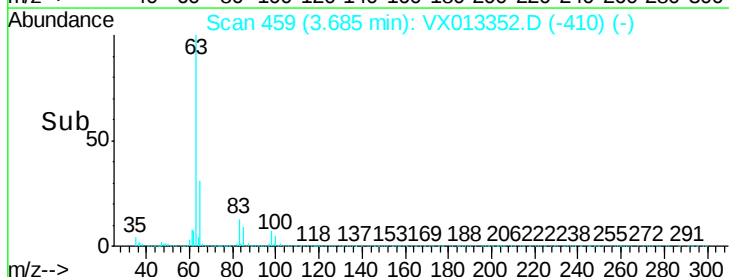
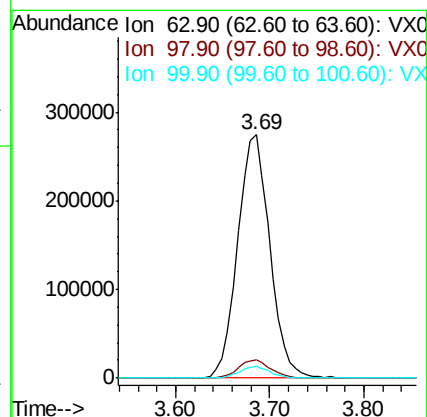
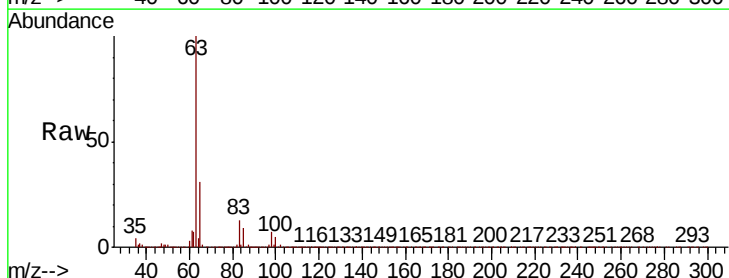
Tgt Ion: 63 Resp: 652540

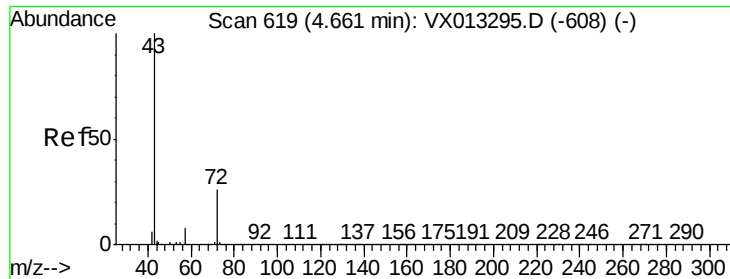
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 232.470 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1506560

Ion Ratio Lower Upper

43 100

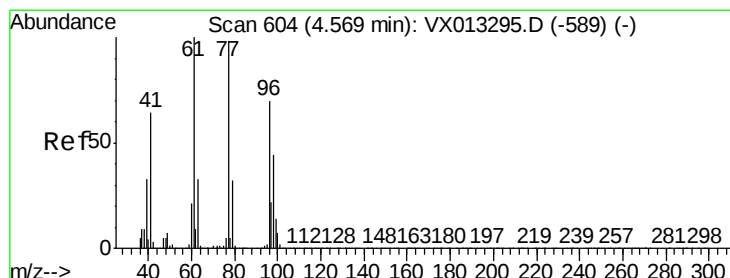
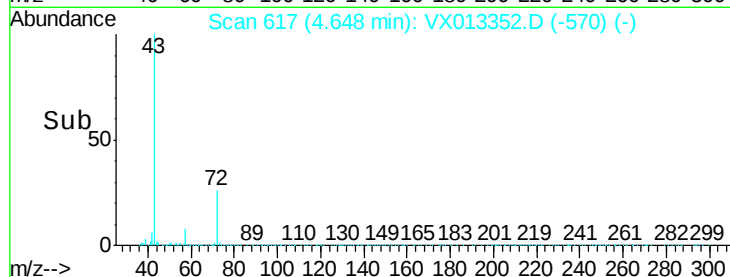
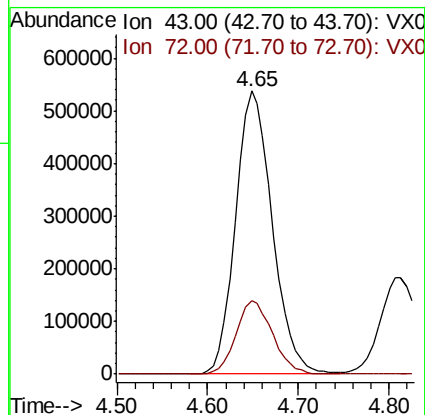
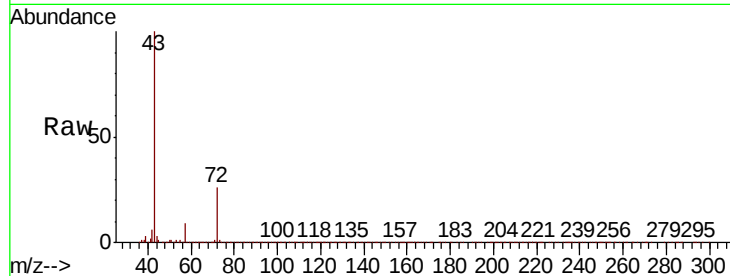
72 25.8 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.462 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013352.D

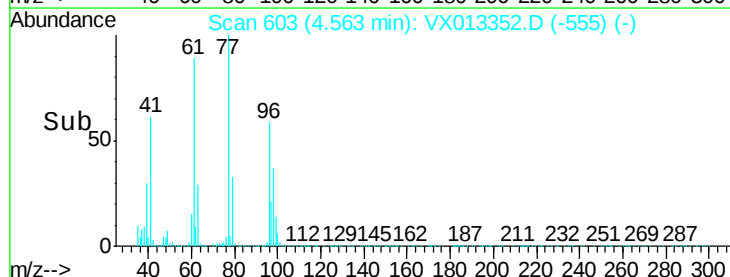
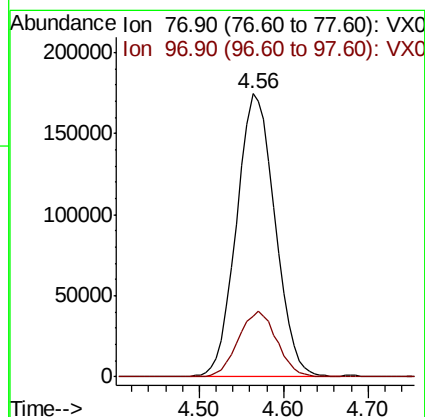
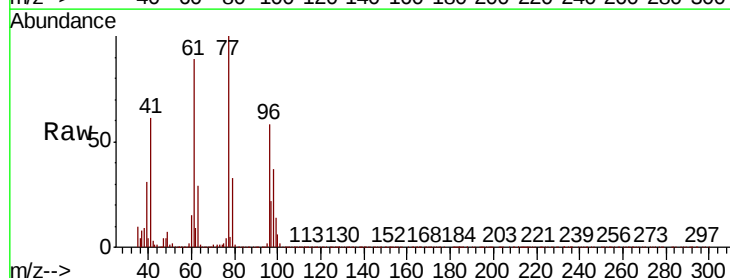
Acq: 08 Nov 2019 09:57

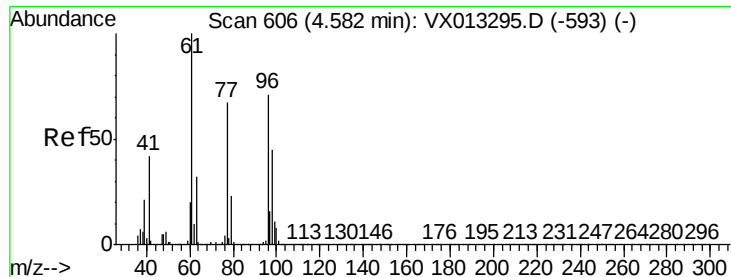
Tgt Ion: 77 Resp: 540194

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

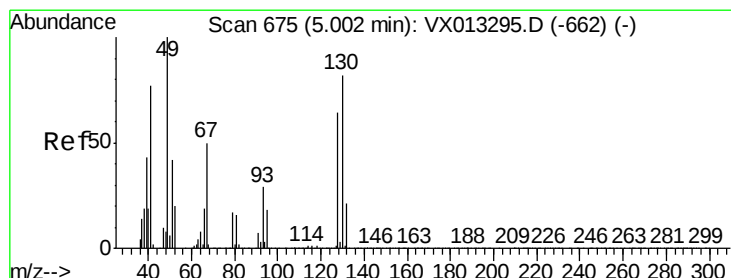
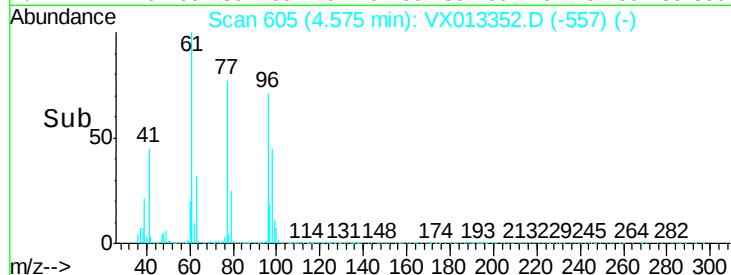
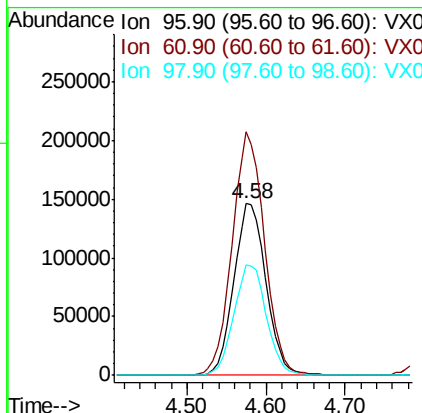
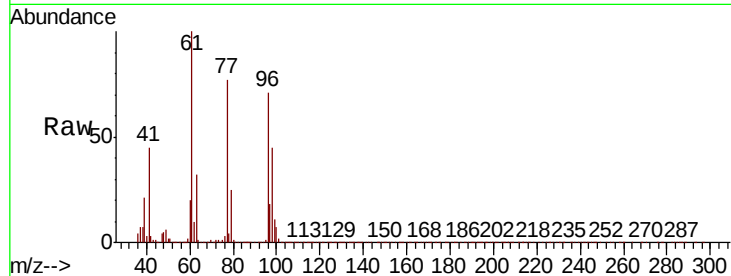
cis-1,2-Dichloroethene
Concen: 49.487 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	288.0
98	65.0	0.0	129.6

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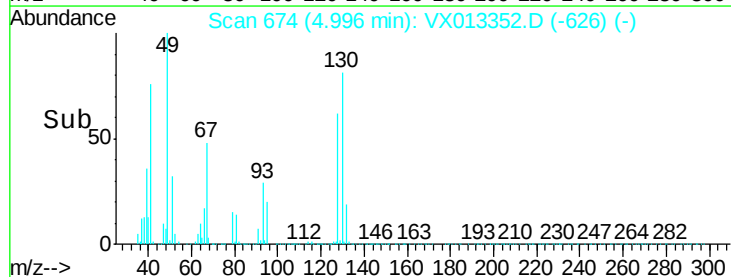
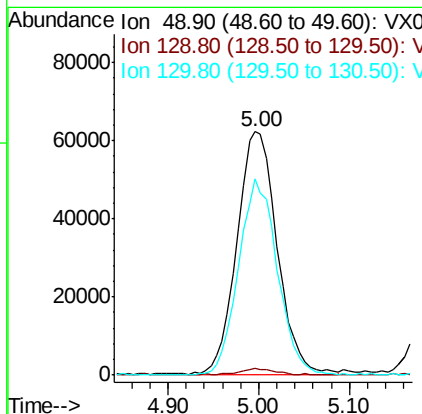
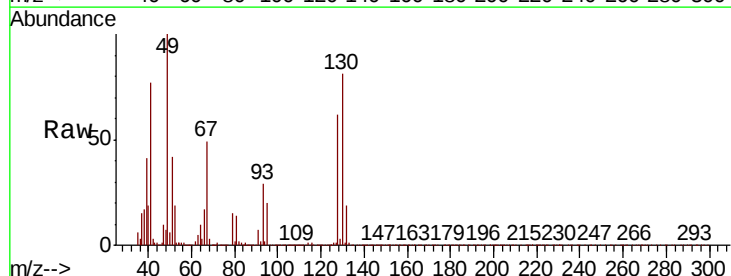
MMDadoda
11/11/2019 3:34:12 PM

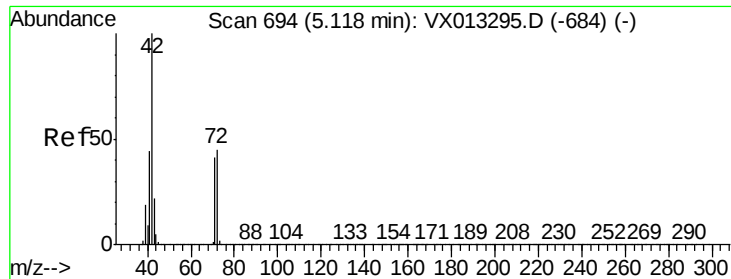


#28

Bromochloromethane
Concen: 49.734 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	78.6	63.8	95.6





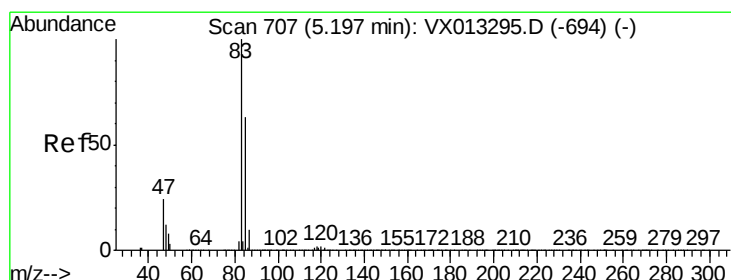
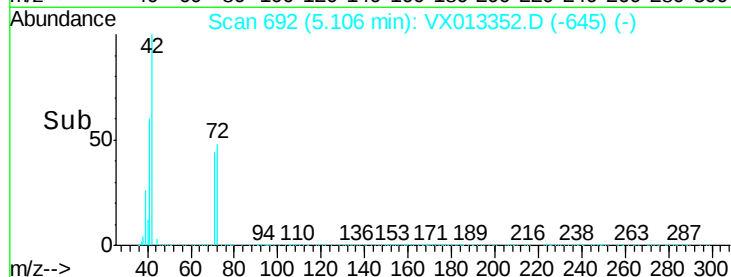
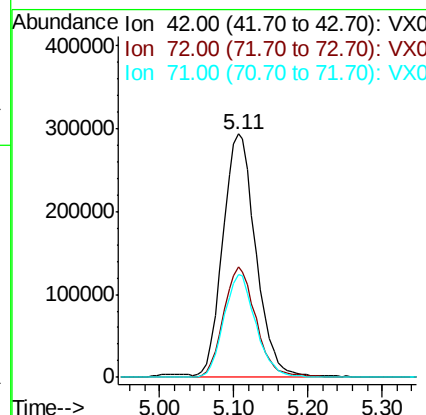
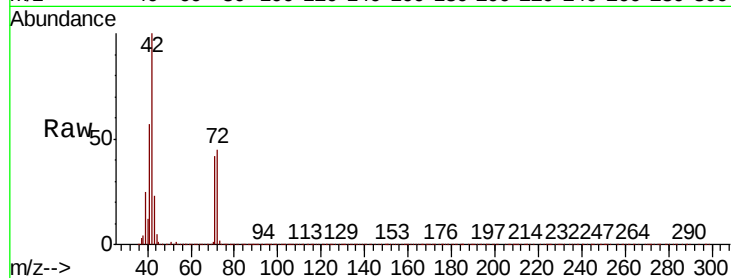
#29
Tetrahydrofuran
Concen: 224.615 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.8	53.8
71	41.1	33.4	50.0

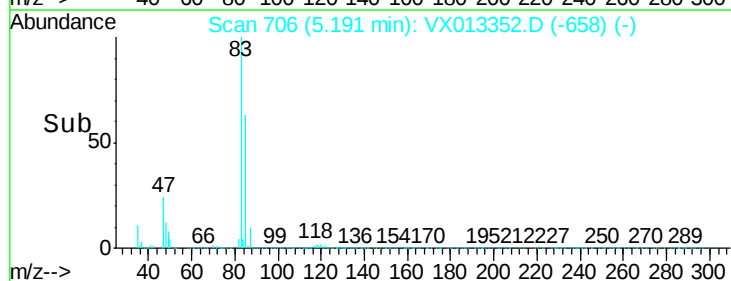
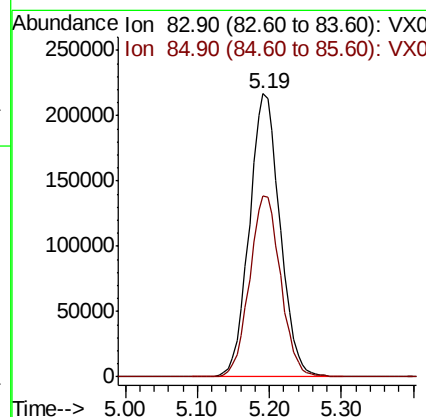
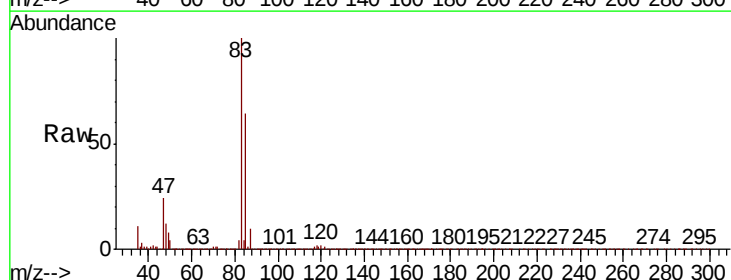
Manual Integrations
APPROVED

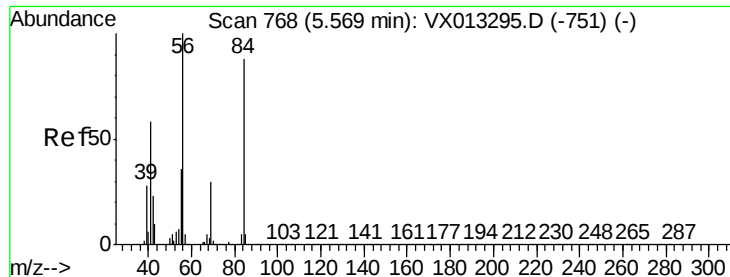
MMDadoda
11/11/2019 3:34:12 PM



#30
Chloroform
Concen: 48.064 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.2	75.4





#31

Cyclohexane

Concen: 48.102 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

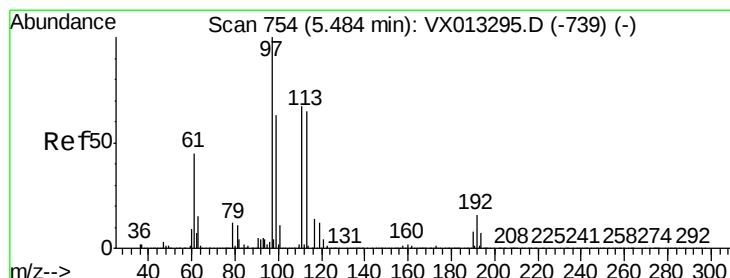
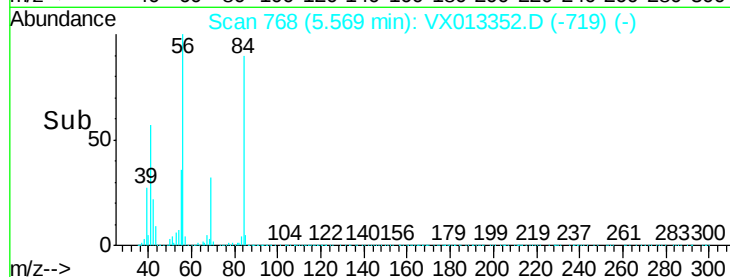
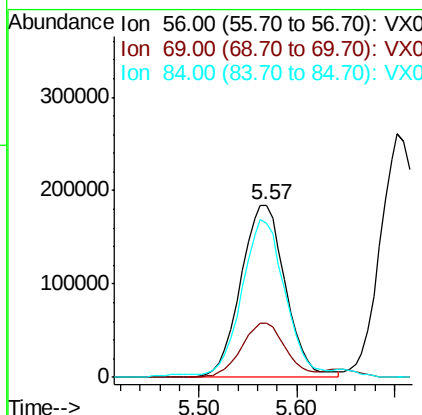
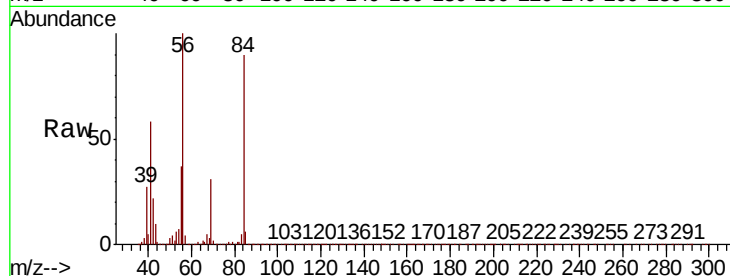
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	582450
Ion Ratio		Lower	Upper
56	100		
69	31.4	23.7	35.5
84	88.3	70.6	105.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.231 ug/l

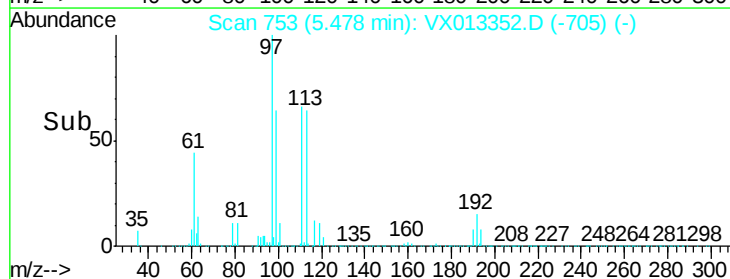
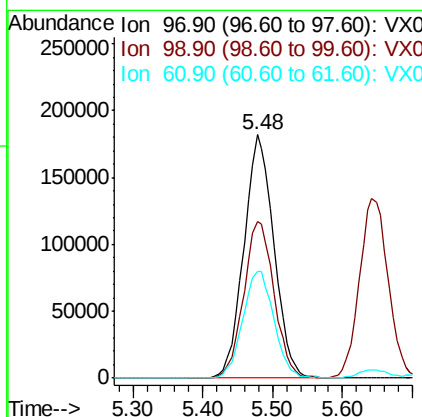
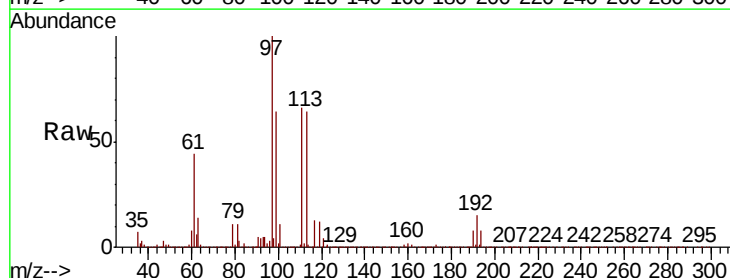
RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion:	97	Resp:	540097
Ion Ratio		Lower	Upper
97	100		
99	64.9	51.1	76.7
61	45.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 47.222 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 418231

Ion Ratio Lower Upper

65 100

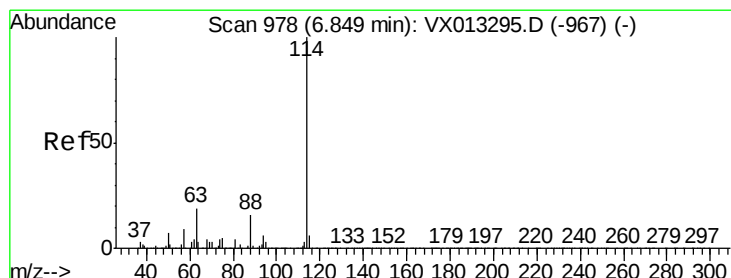
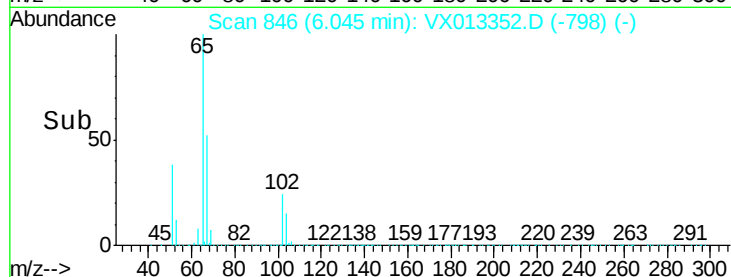
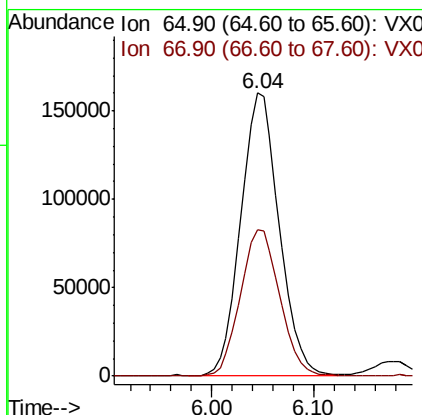
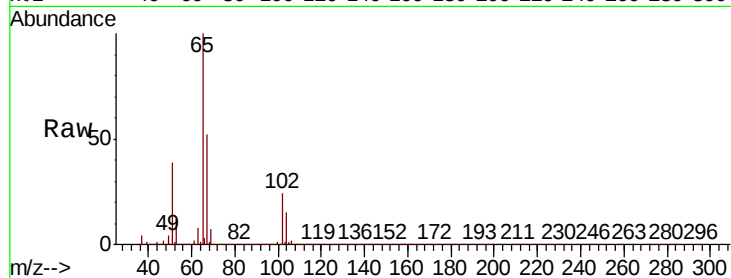
67 52.7 0.0 104.2

Manual Integrations

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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: VX013352.D

Acq: 08 Nov 2019 09:57

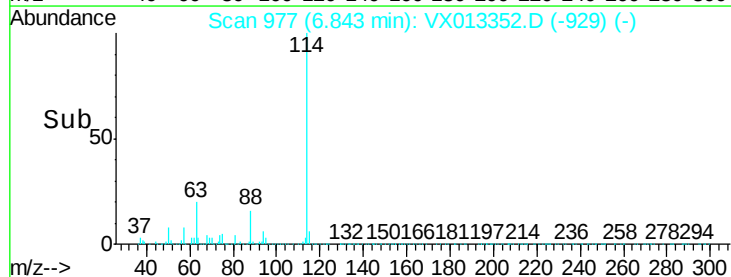
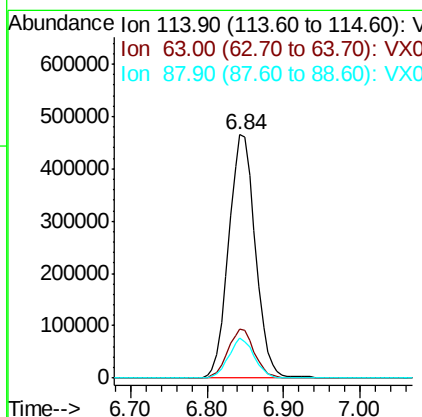
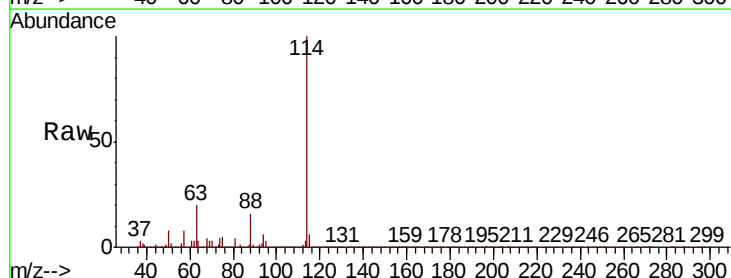
Tgt Ion: 114 Resp: 1121317

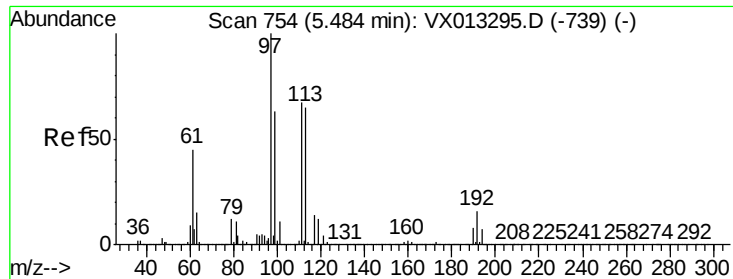
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 16.2 0.0 32.2





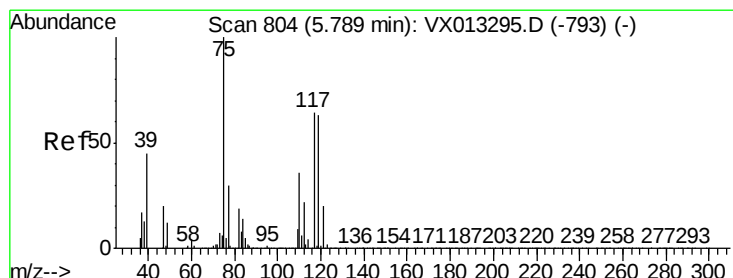
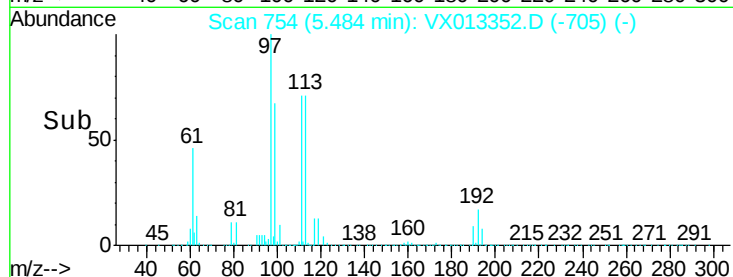
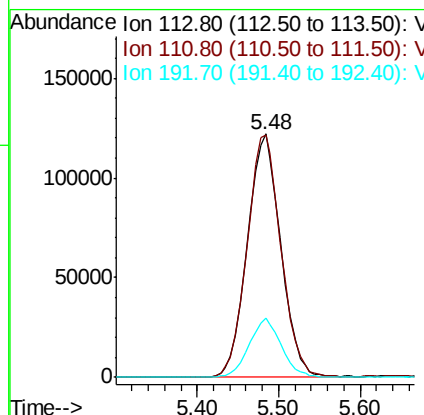
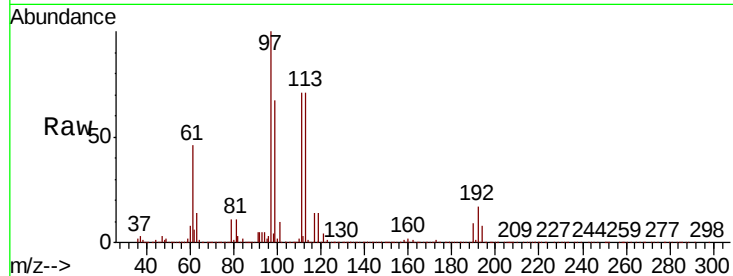
#35
Dibromofluoromethane
Concen: 49.513 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	348228		
111	100.5	81.9	122.9	
192	23.5	19.1	28.7	

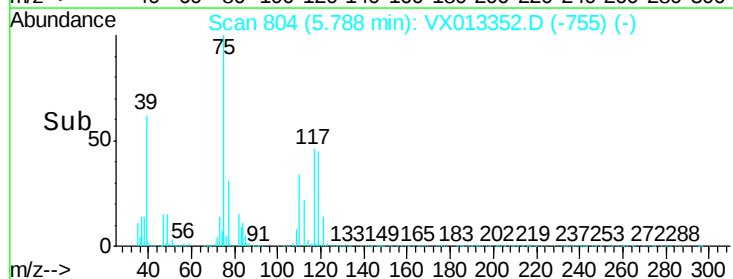
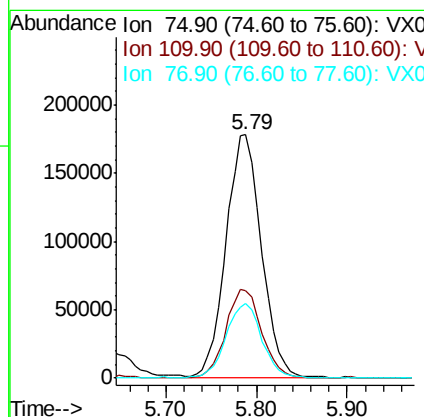
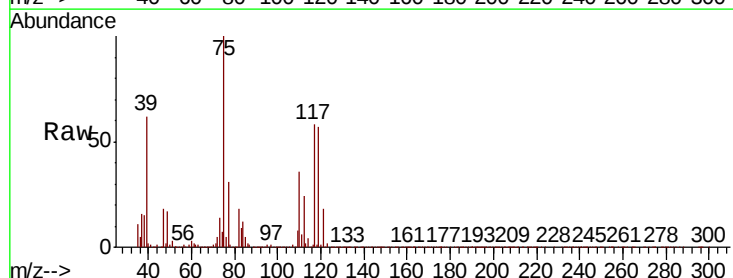
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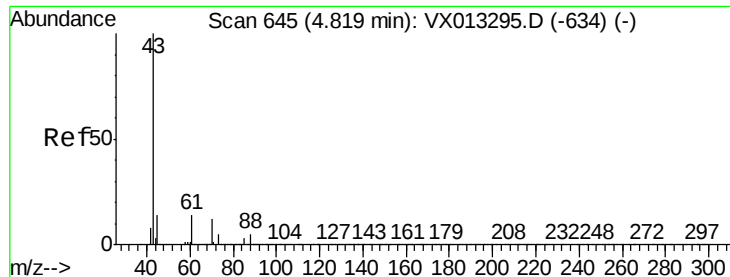
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#36
1,1-Dichloropropene
Concen: 49.912 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	480127		
110	36.7	18.1	54.1	
77	30.8	25.0	37.4	





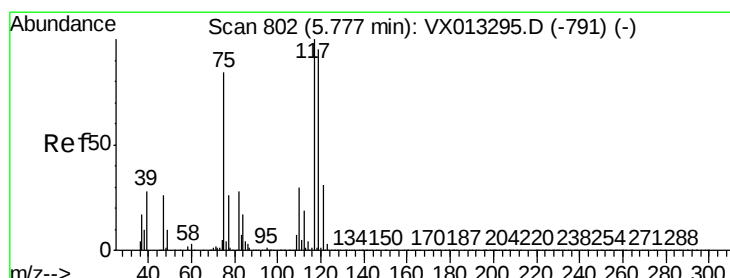
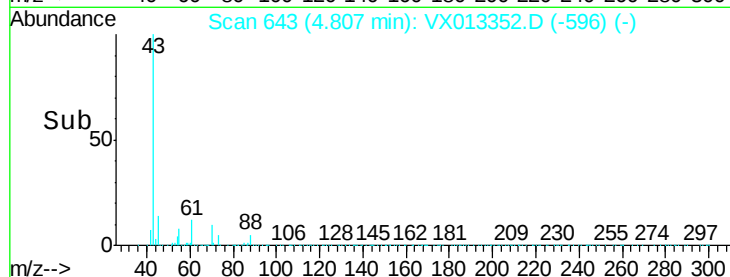
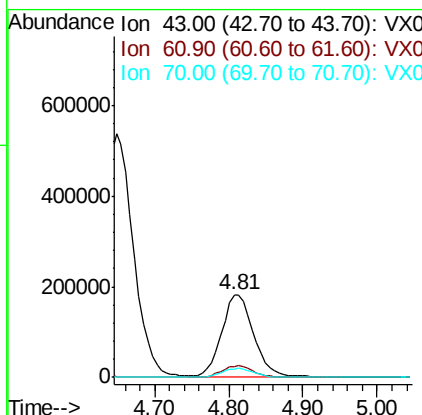
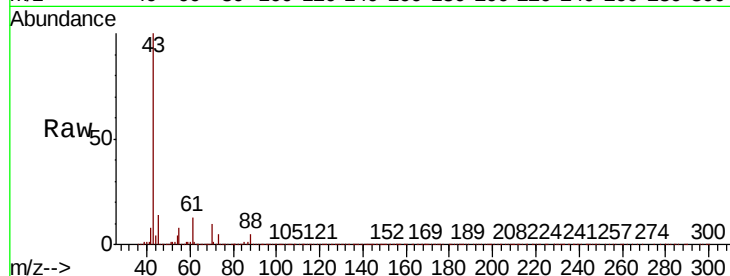
#37
Ethyl Acetate
Concen: 45.750 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.4	8.7	13.1

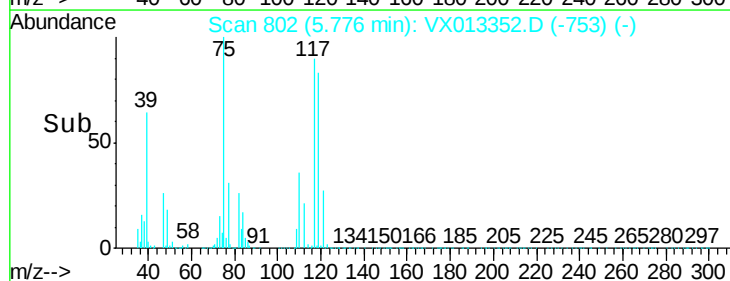
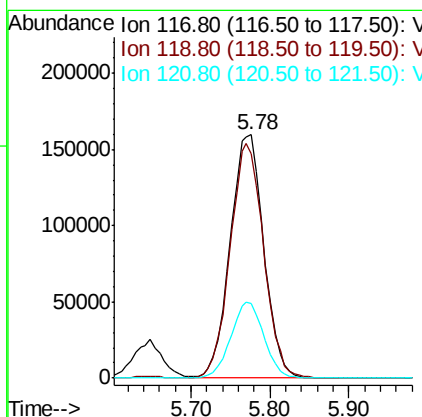
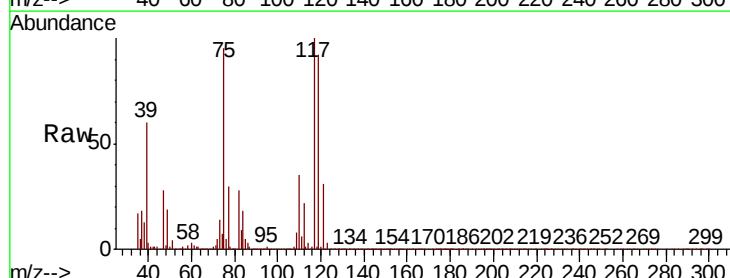
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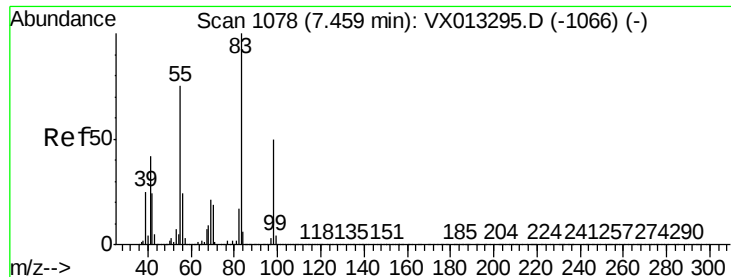
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.073 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.1	114.1
121	30.7	24.6	37.0





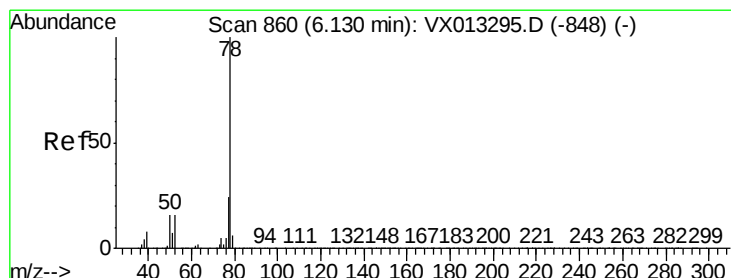
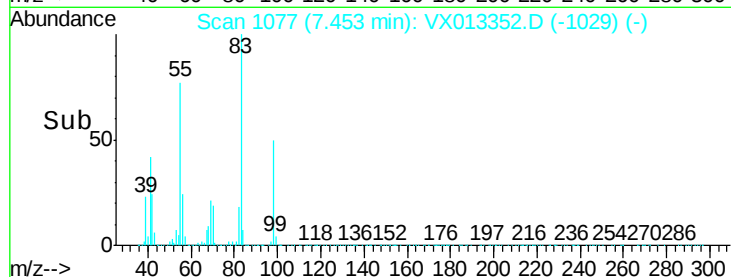
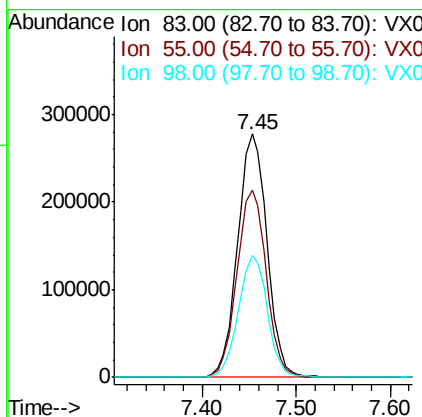
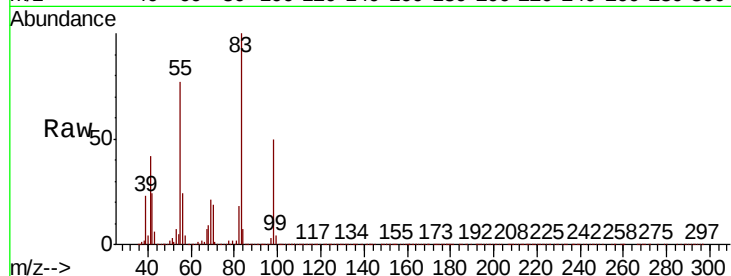
#39
Methvlcvclohexane
Concen: 50.455 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	60.3	90.5
98	50.1	40.3	60.5

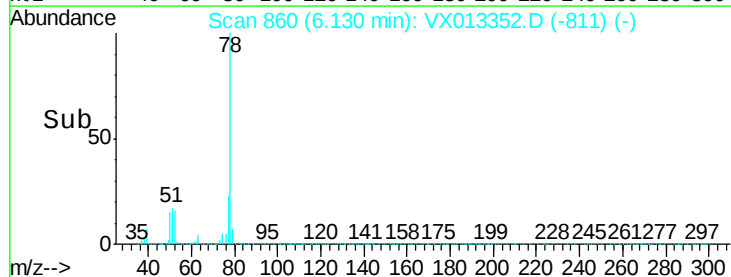
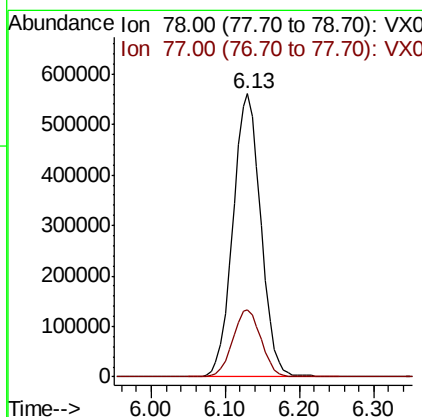
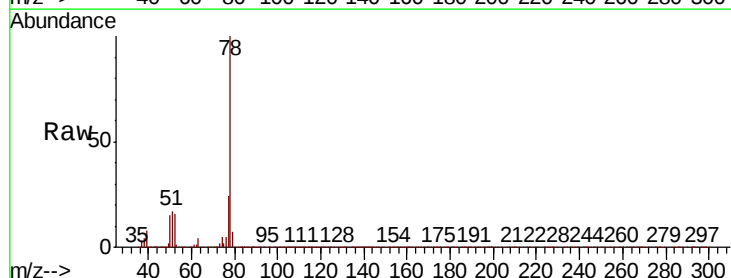
Manual Integrations
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#40
Benzene
Concen: 49.014 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





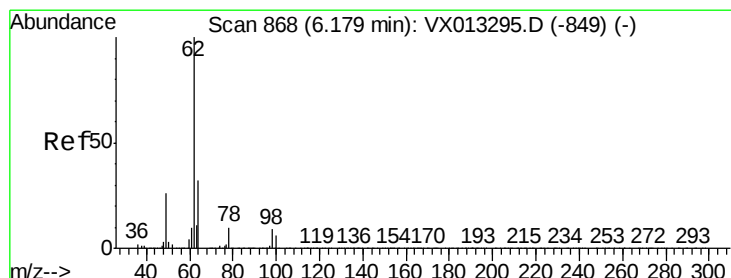
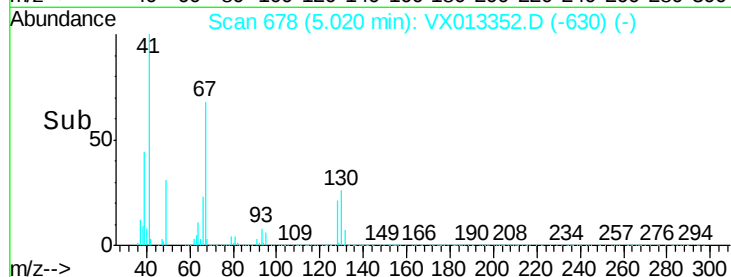
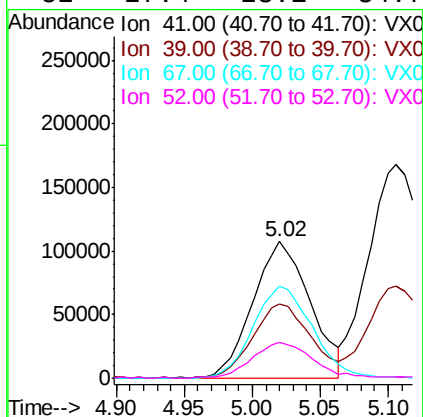
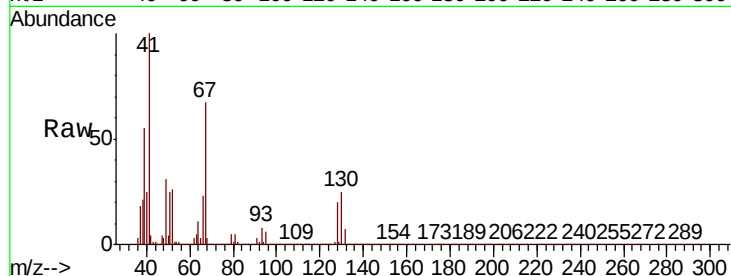
#41
Methacrylonitrile
Concen: 47.009 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	45.0	67.6	
67	70.5	55.4	83.2	
52	27.4	23.1	34.7	

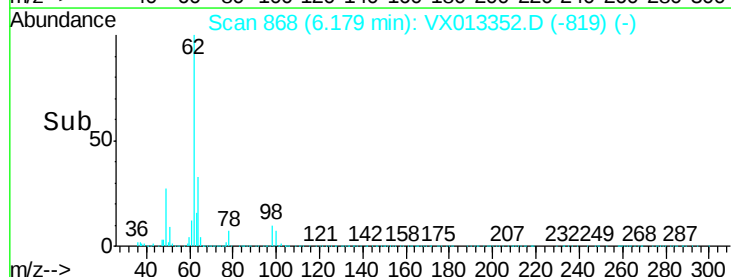
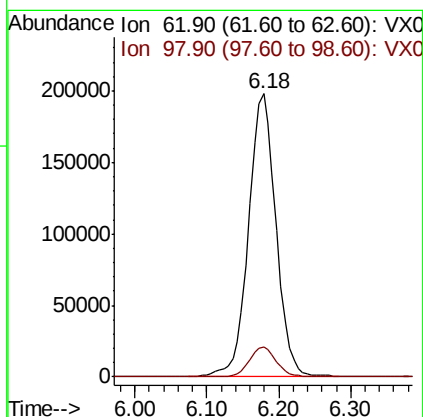
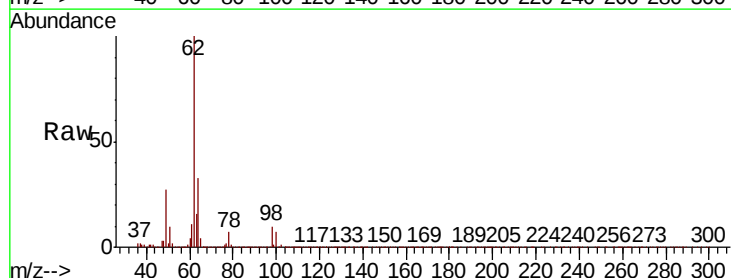
Manual Integrations
APPROVED

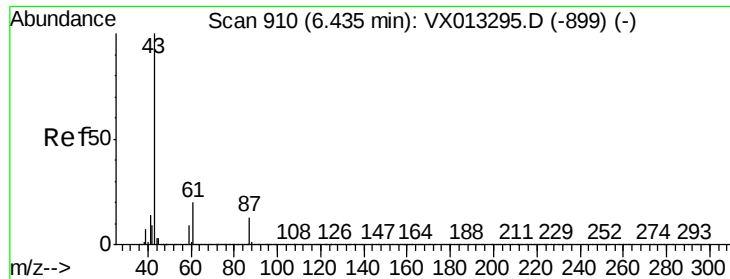
MMDadoda
11/11/2019 3:34:12 PM



#42
1,2-Dichloroethane
Concen: 48.145 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	19.4	





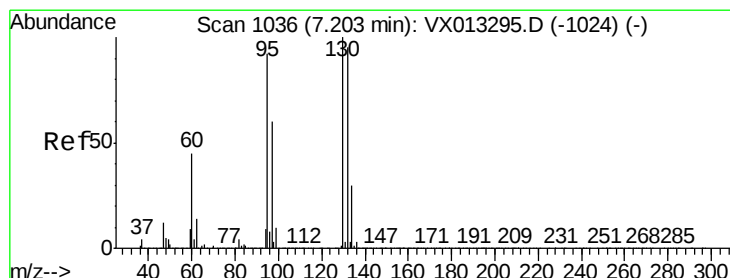
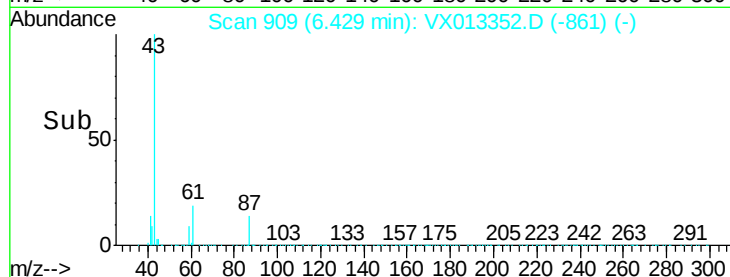
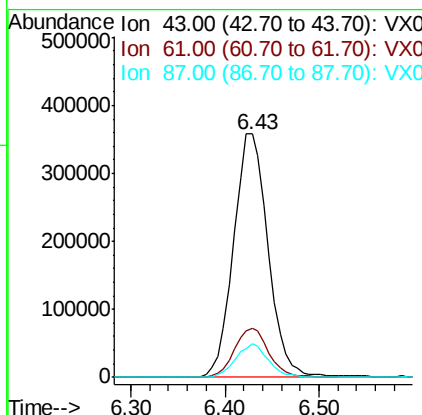
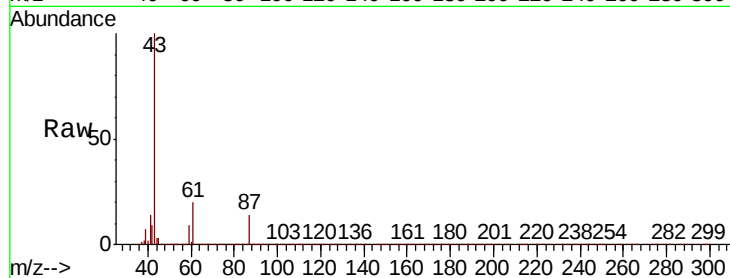
#43
Isopropyl Acetate
Concen: 49.284 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.8
87	13.1	10.4	15.6

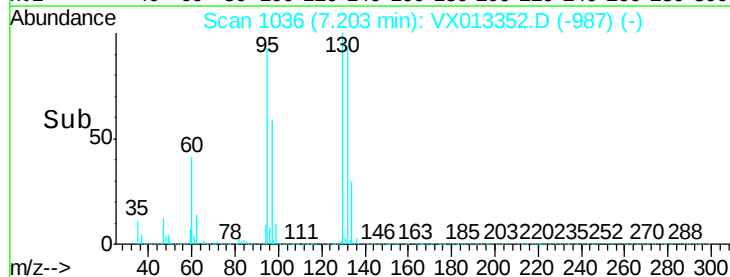
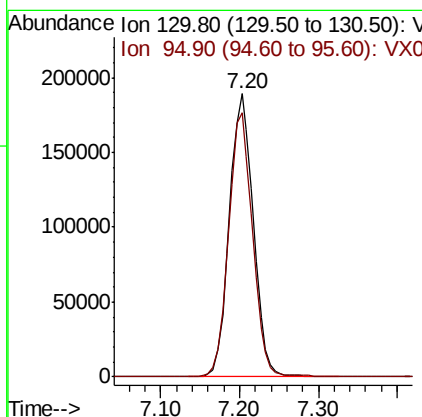
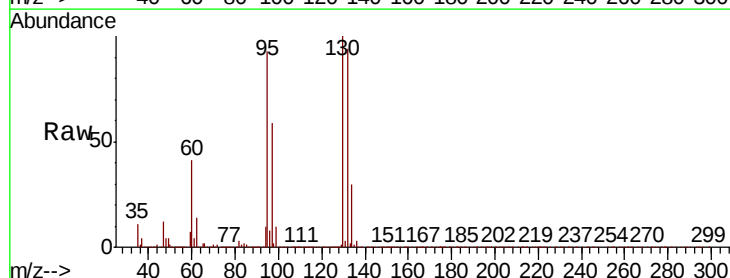
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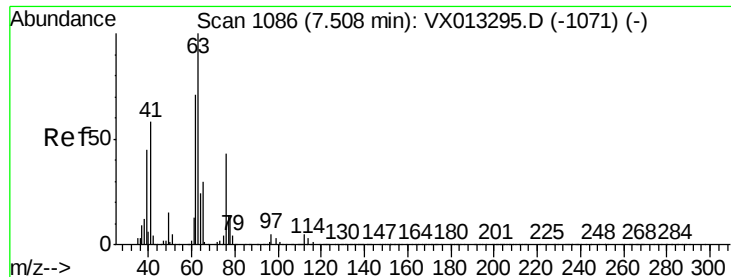
MMDadoda
11/11/2019 3:34:12 PM



#44
Trichloroethene
Concen: 48.409 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	184.8





#45

1,2-Dichloropropane

Concen: 50.864 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 388333

Ion Ratio Lower Upper

63 100

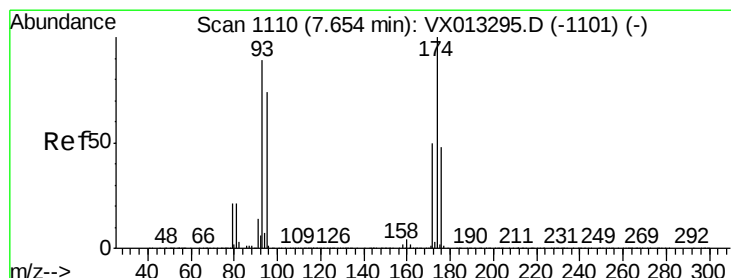
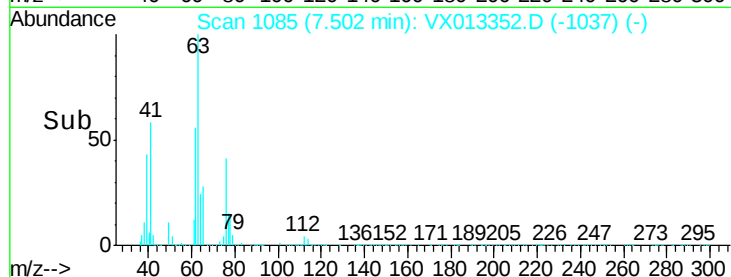
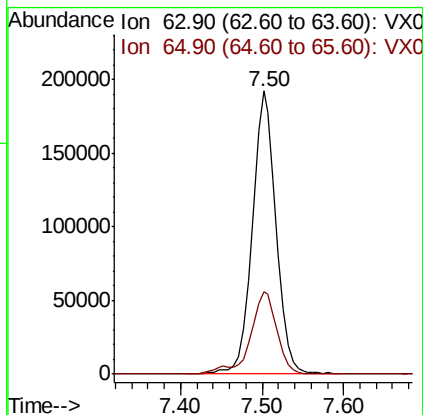
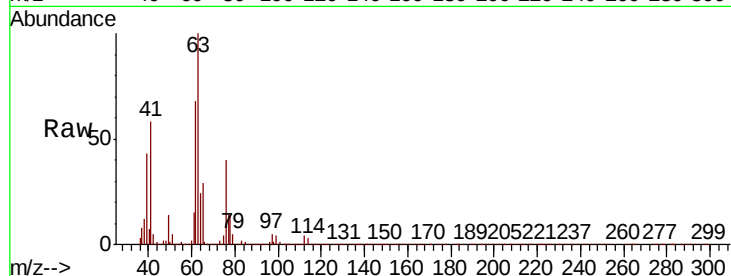
65 29.2 24.3 36.5

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#46

Dibromomethane

Concen: 48.650 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

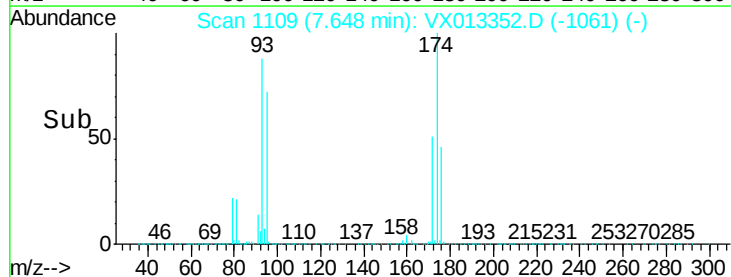
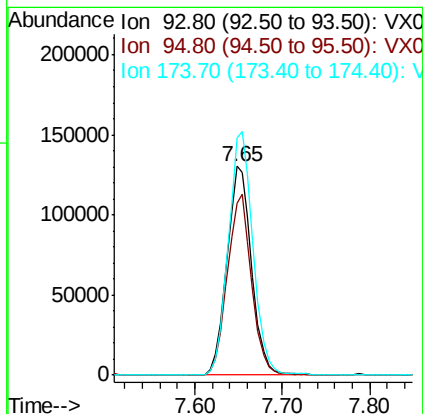
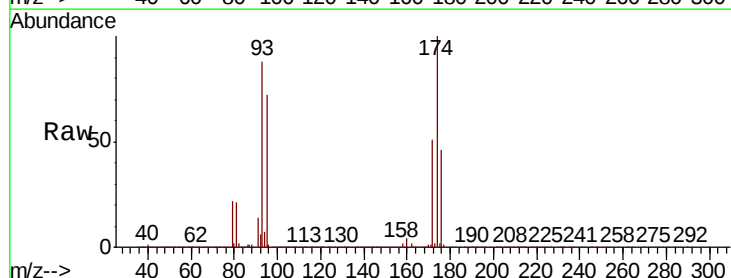
Tgt Ion: 93 Resp: 253608

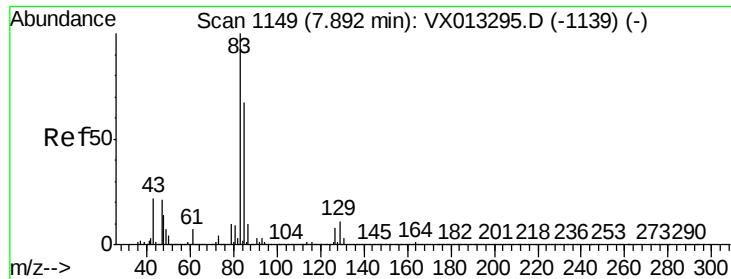
Ion Ratio Lower Upper

93 100

95 84.8 65.8 98.6

174 116.8 90.4 135.6





#47

Bromodichloromethane

Concen: 51.739 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

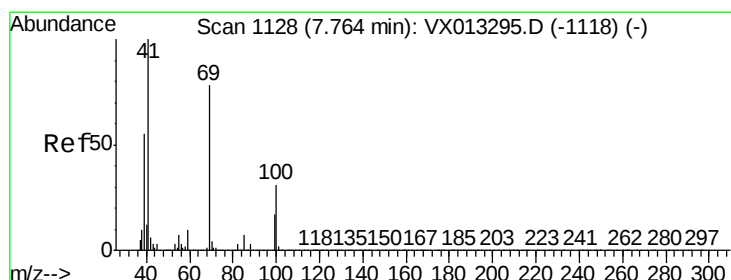
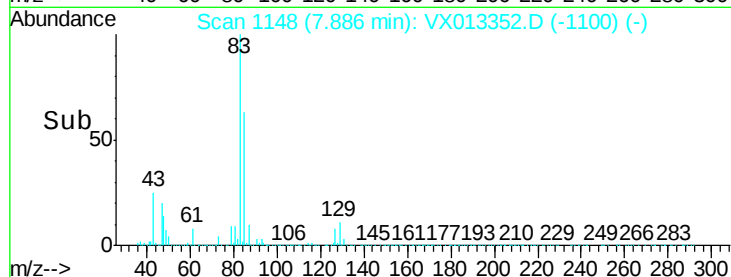
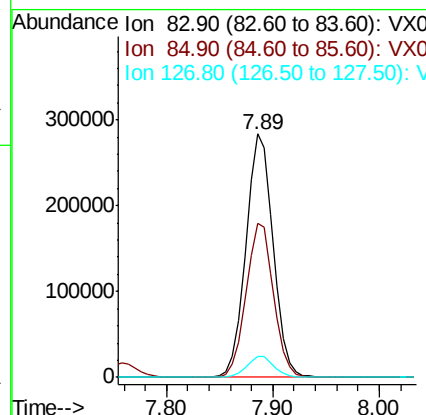
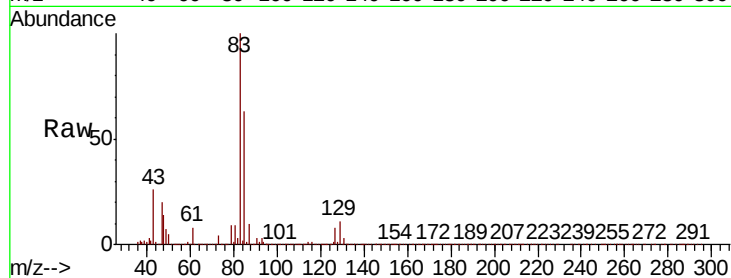
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	508585
Ion Ratio	Lower	Upper	
83	100		
85	63.1	53.7	80.5
127	8.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.787 ug/l

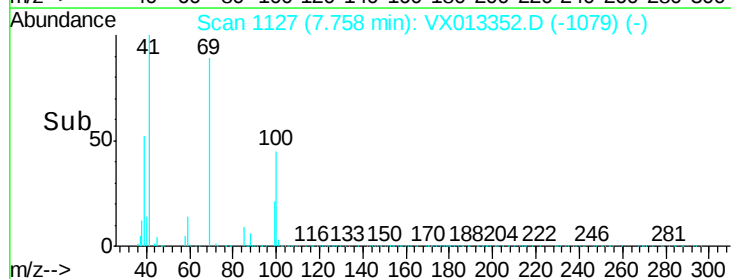
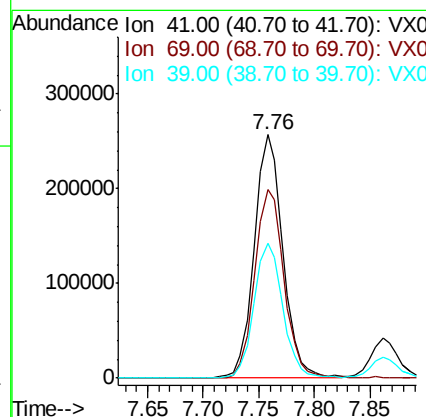
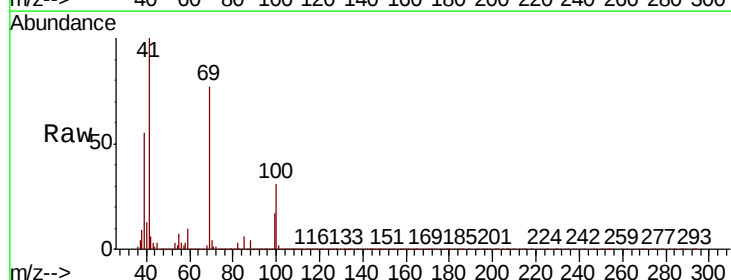
RT: 7.76 min Scan# 1127

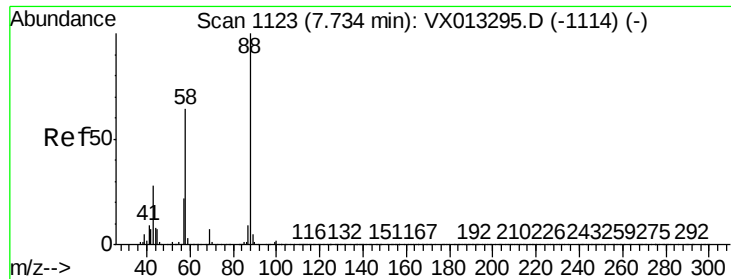
Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion:	41	Resp:	460003
Ion Ratio	Lower	Upper	
41	100		
69	79.6	63.0	94.6
39	55.6	45.9	68.9





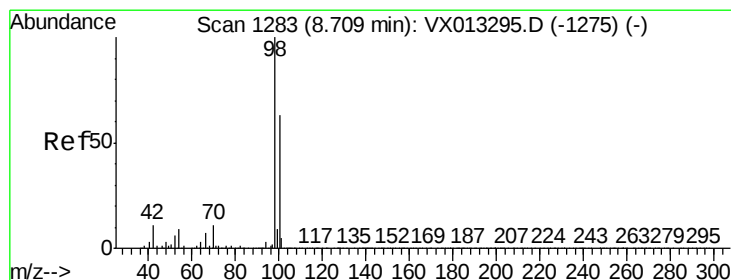
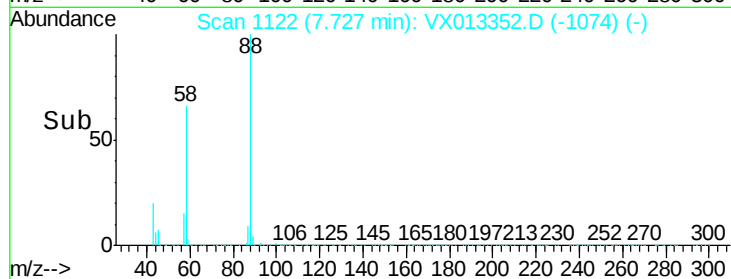
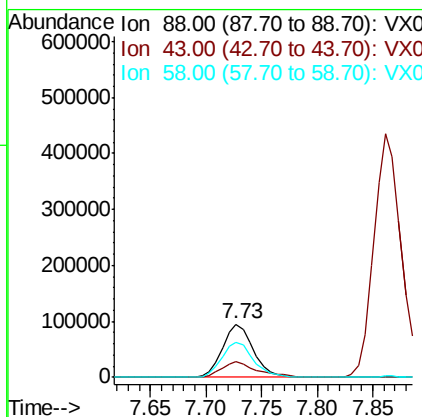
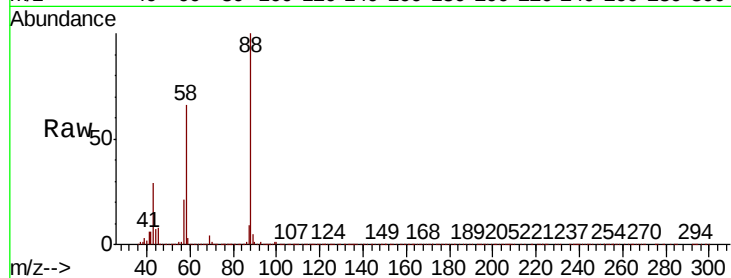
#49
1,4-Dioxane
Concen: 846.069 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	26.6	39.8
58	69.6	55.0	82.6

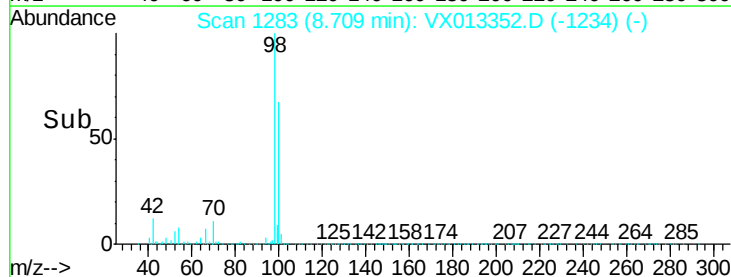
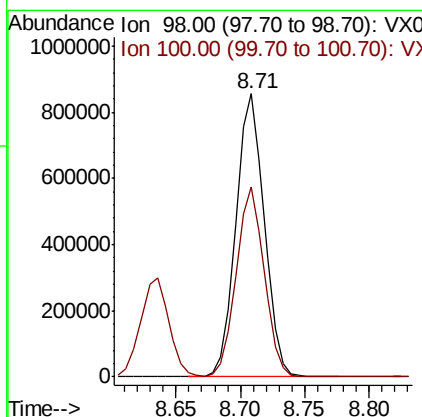
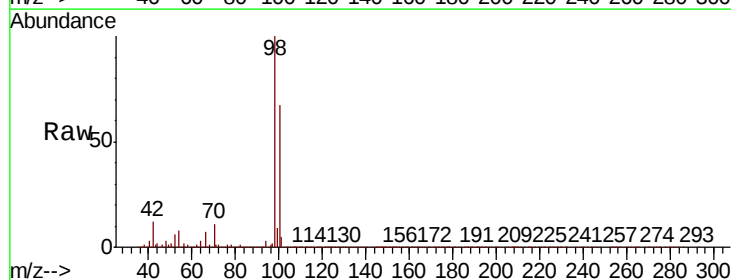
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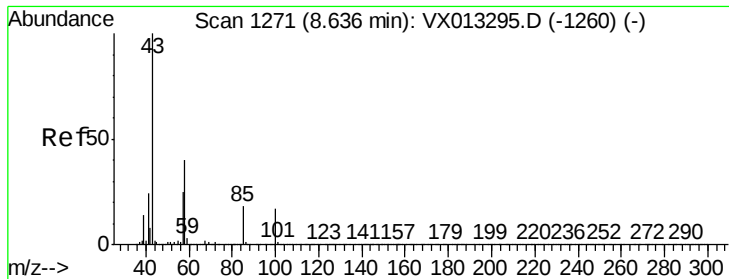
MMDadoda
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#50
Toluene-d8
Concen: 49.187 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 231.991 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tot Ion: 43 Resp: 2817246

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.0

Instrument :

MSVOA_X

ClientSampleId :

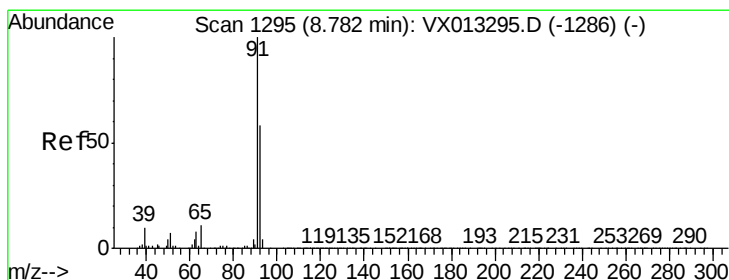
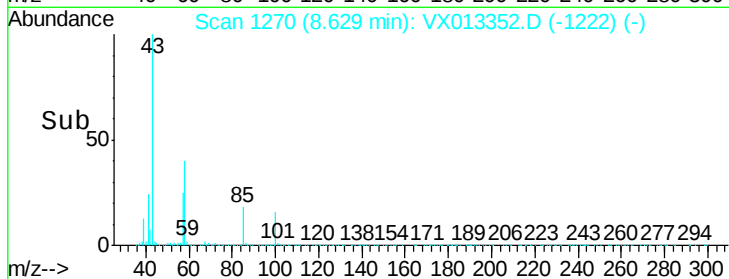
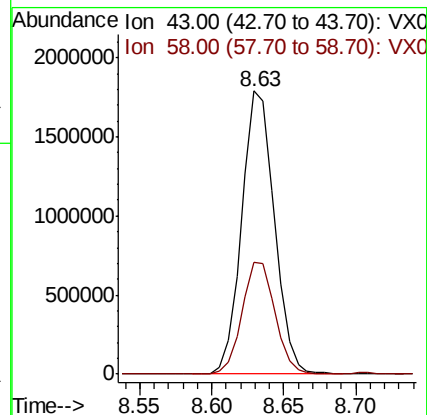
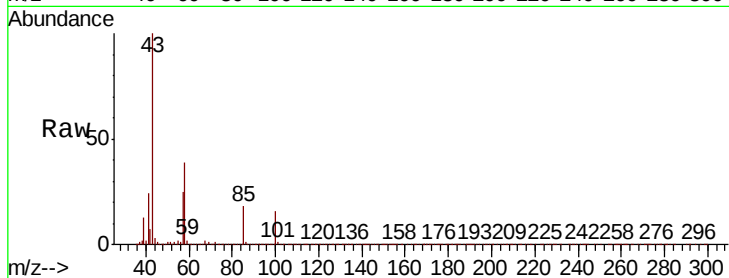
VSTDCCC050

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#52

Toluene

Concen: 50.156 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013352.D

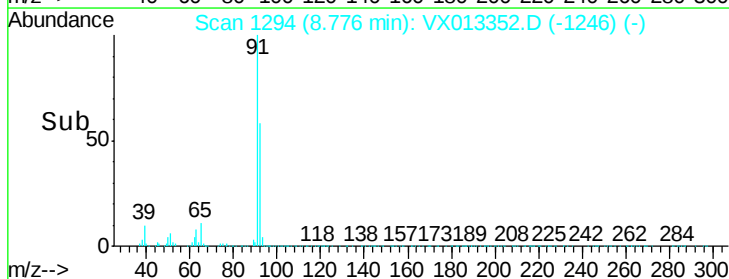
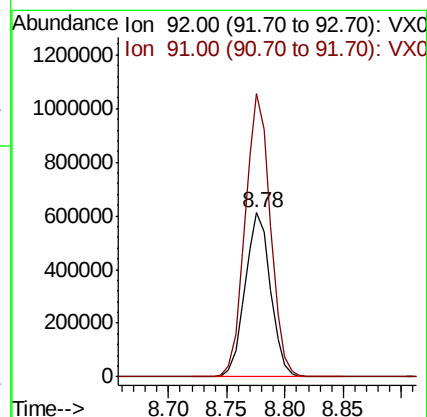
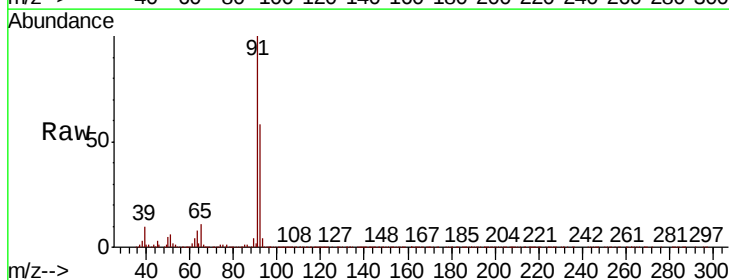
Acq: 08 Nov 2019 09:57

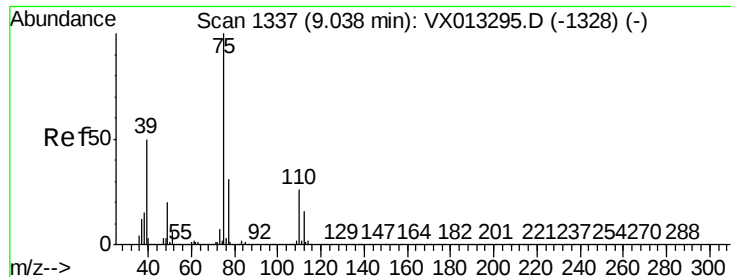
Tgt Ion: 92 Resp: 931486

Ion Ratio Lower Upper

92 100

91 172.0 138.0 207.0





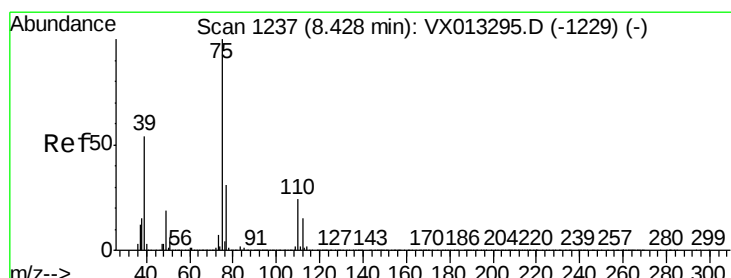
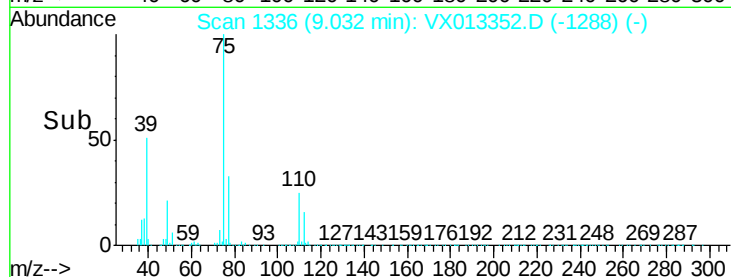
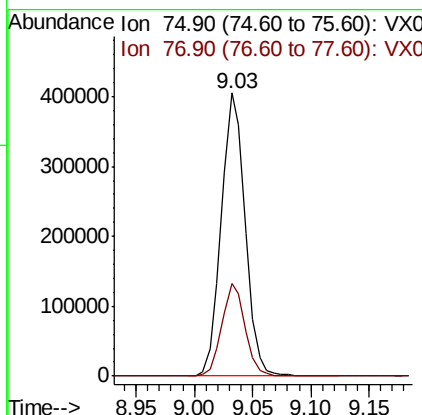
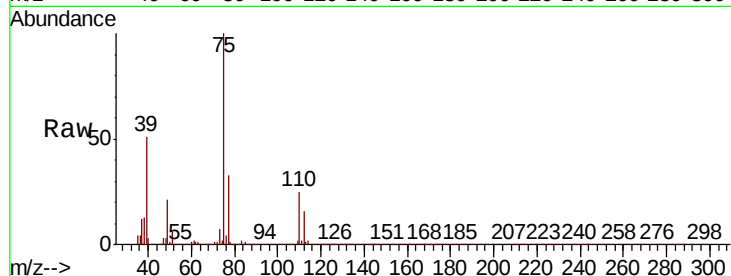
#53
t-1,3-Dichloropropene
Concen: 53.190 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.0	37.4

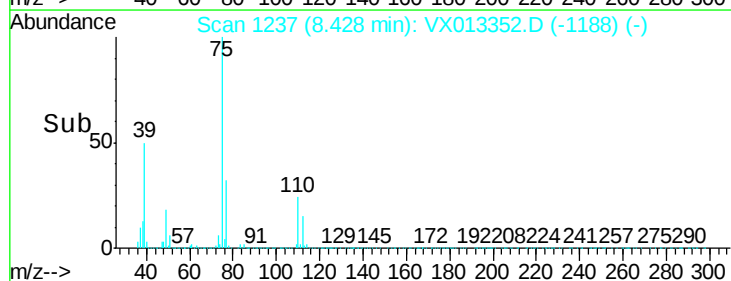
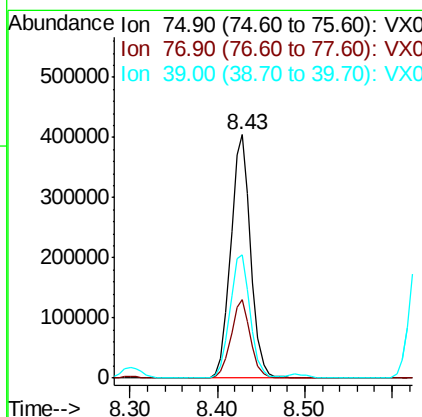
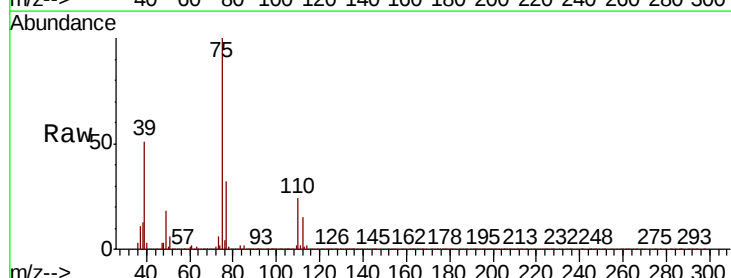
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 53.141 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.7	37.1
39	50.5	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 50.679 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

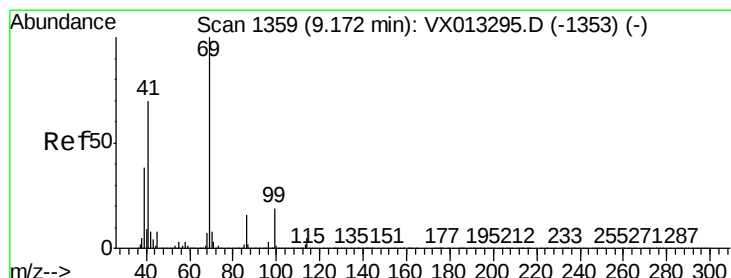
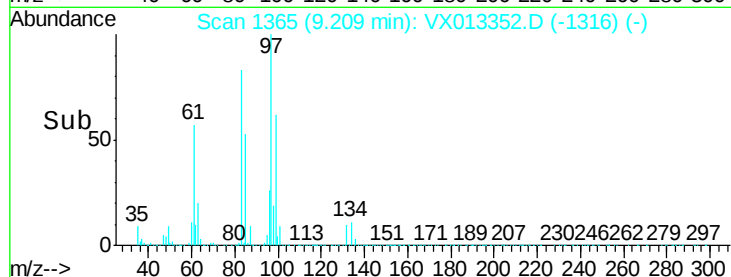
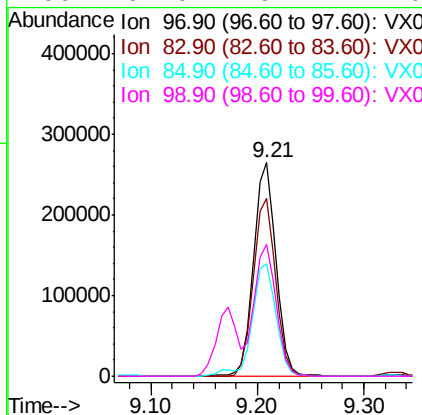
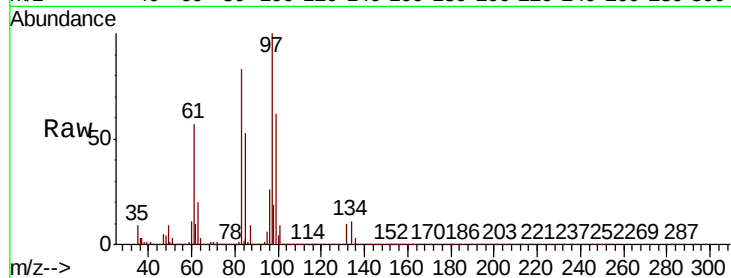
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.6	103.0
85	52.7	43.1	64.7
99	62.0	49.4	74.0

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#56

Ethyl methacrylate

Concen: 47.780 ug/l

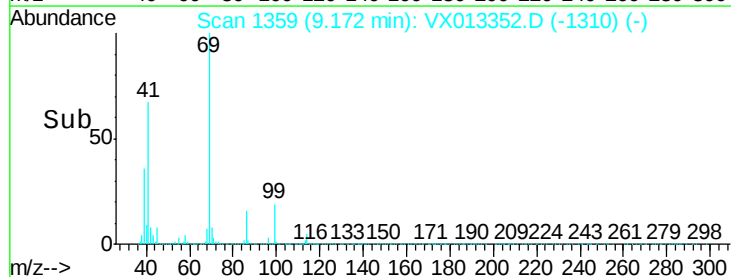
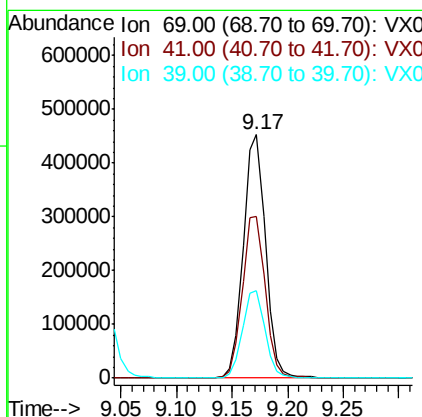
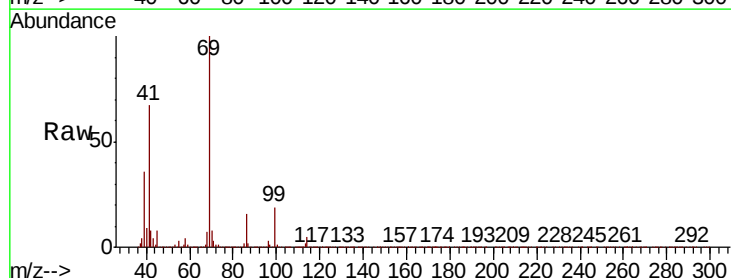
RT: 9.17 min Scan# 1359

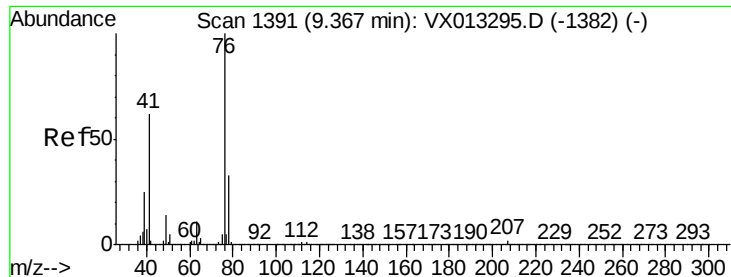
Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.2	84.2
39	36.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 49.526 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 647172

Ion Ratio Lower Upper

76 100

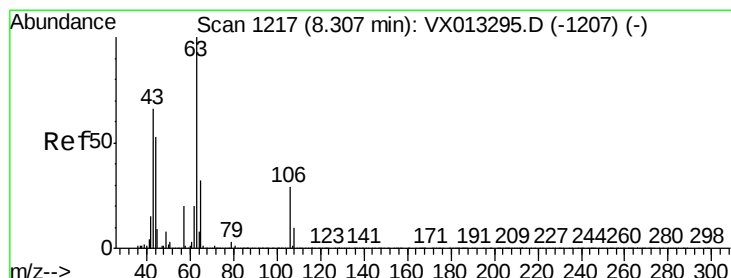
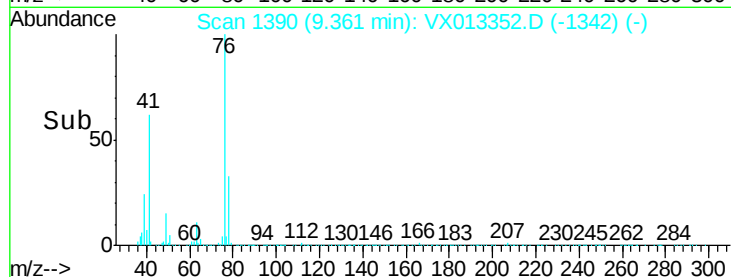
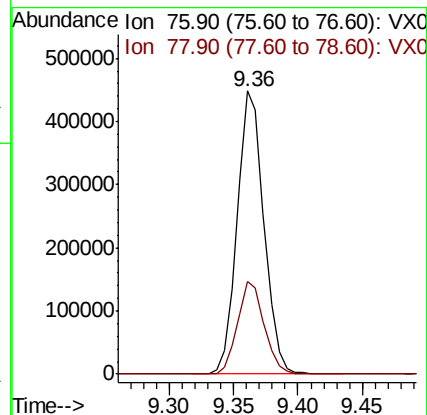
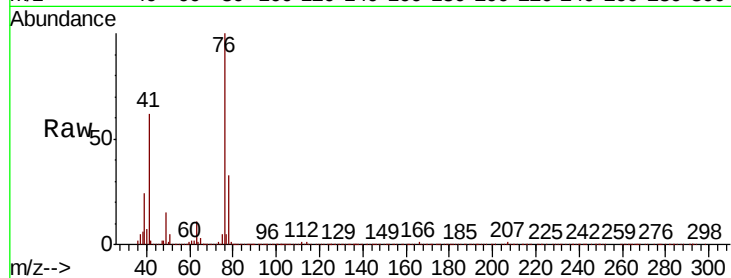
78 32.8 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 257.792 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013352.D

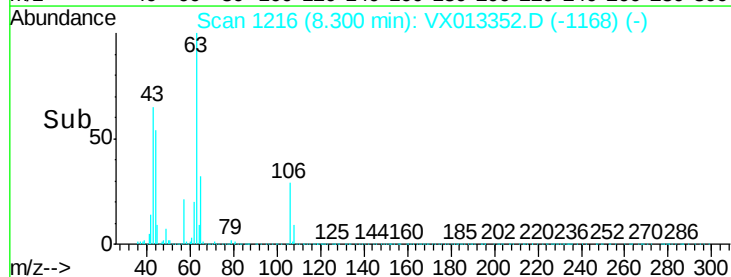
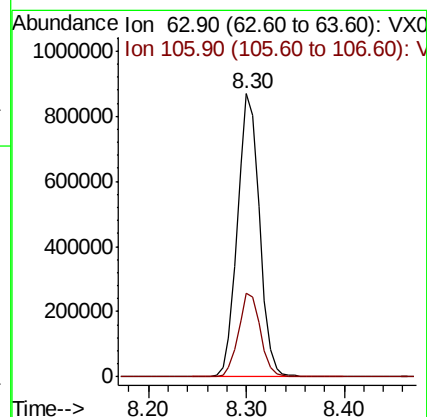
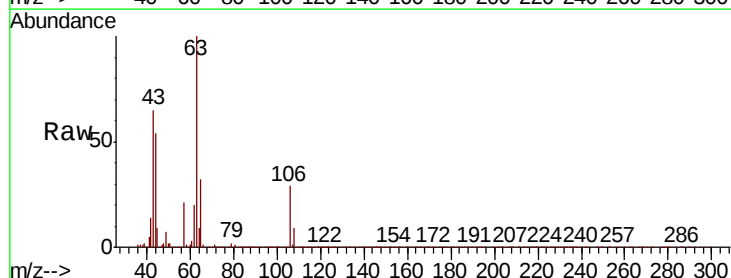
Acq: 08 Nov 2019 09:57

Tgt Ion: 63 Resp: 1356856

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.2





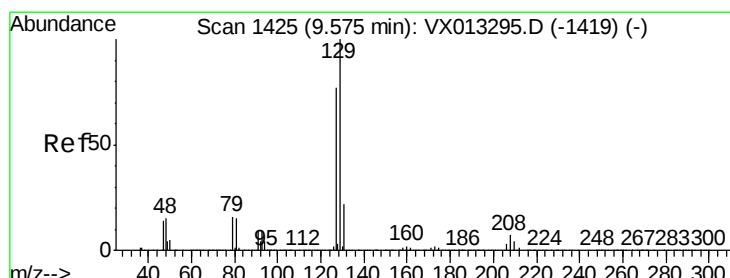
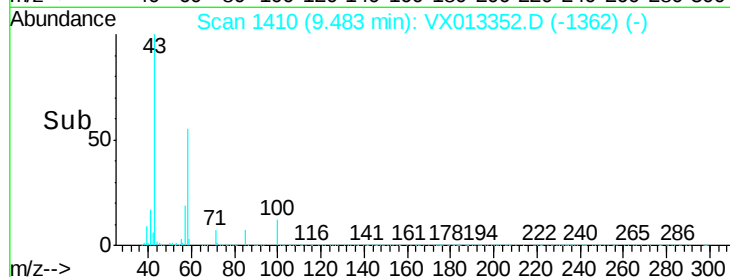
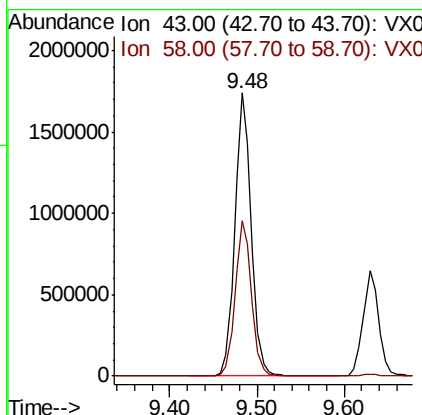
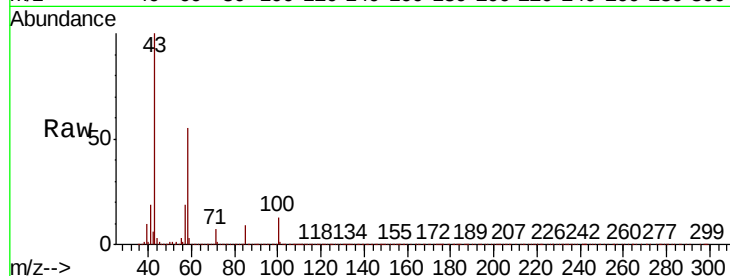
#59
2-Hexanone
Concen: 243.429 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2284439
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8

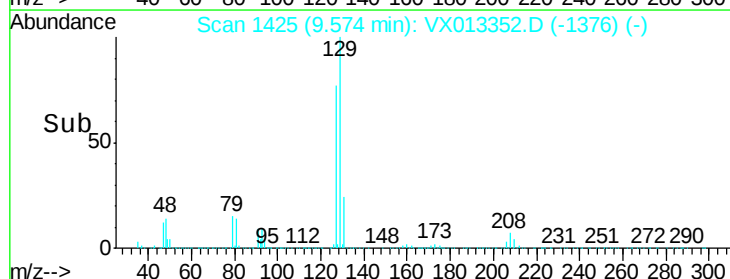
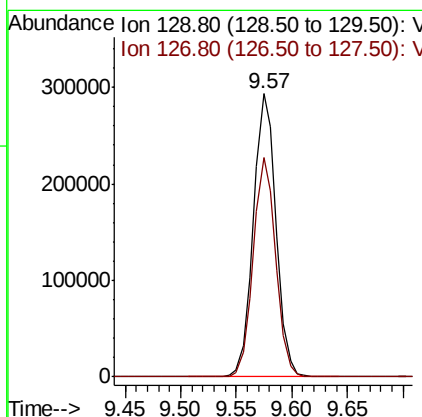
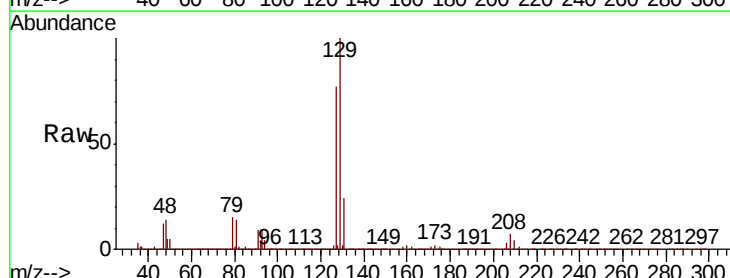
Manual Integrations
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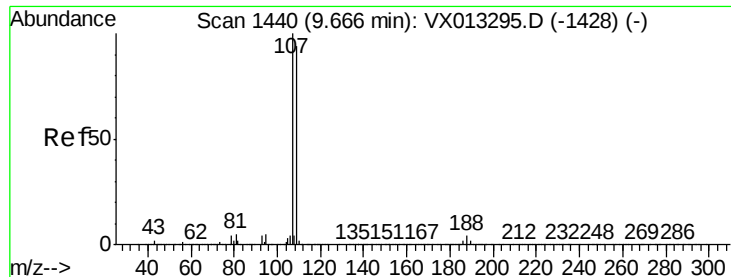
MMDadoda
11/11/2019 3:34:12 PM



#60
Dibromochloromethane
Concen: 52.875 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 129 Resp: 416271
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.821 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 407246

Ion Ratio Lower Upper

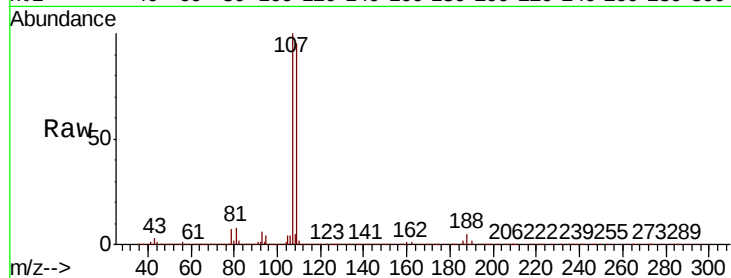
107 100

109 93.9 75.1 112.7

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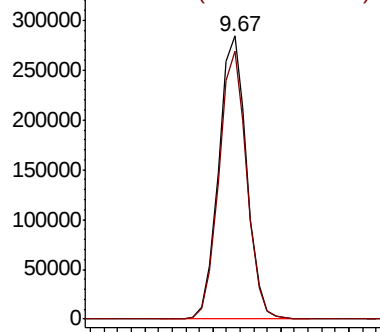
MMDadoda

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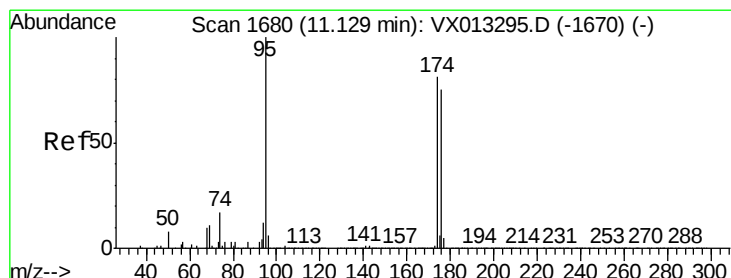
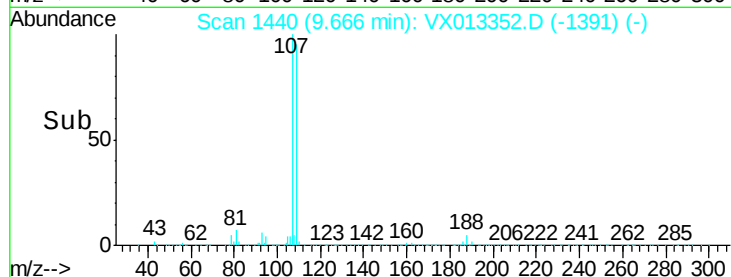


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.636 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

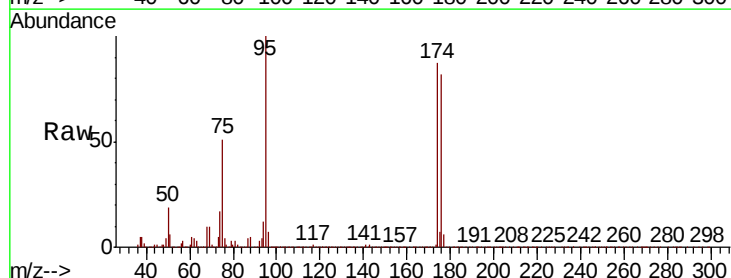
Tgt Ion: 95 Resp: 474970

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

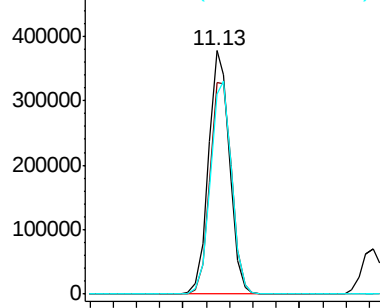
176 88.3 0.0 173.0



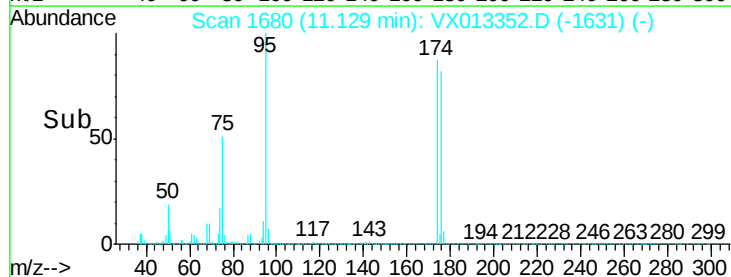
Abundance Ion 94.90 (94.60 to 95.60): VX0

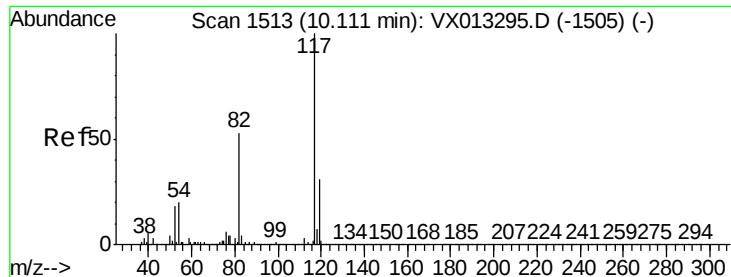
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





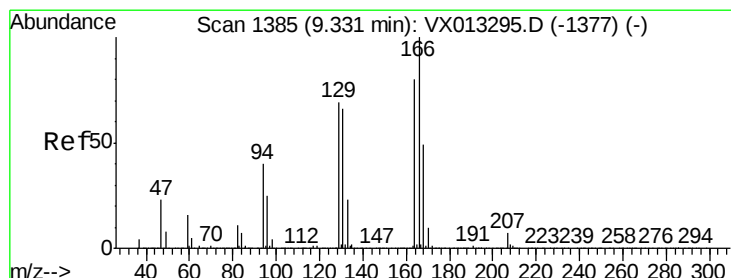
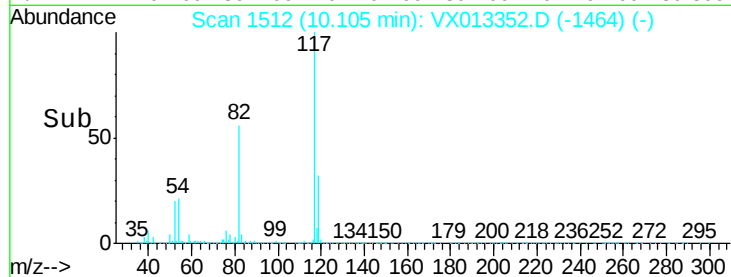
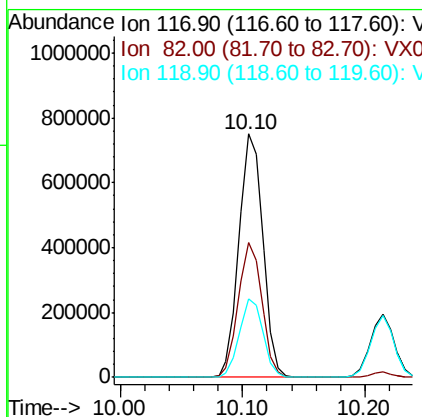
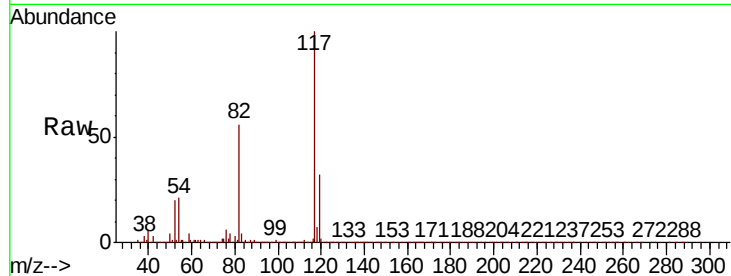
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.6	64.0
119	32.0	24.8	37.2

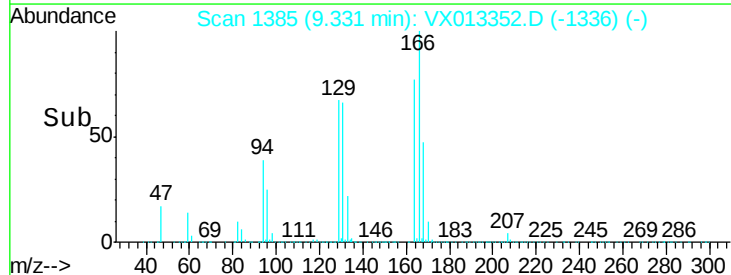
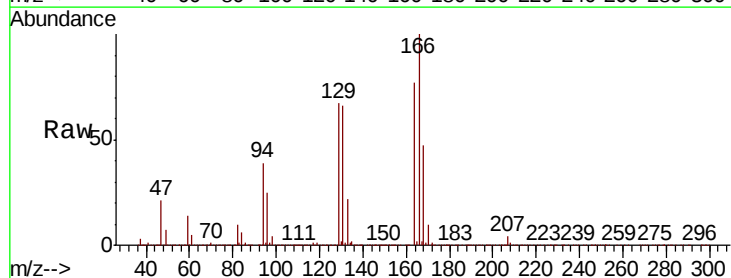
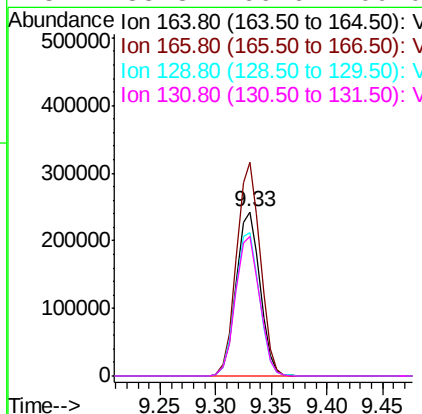
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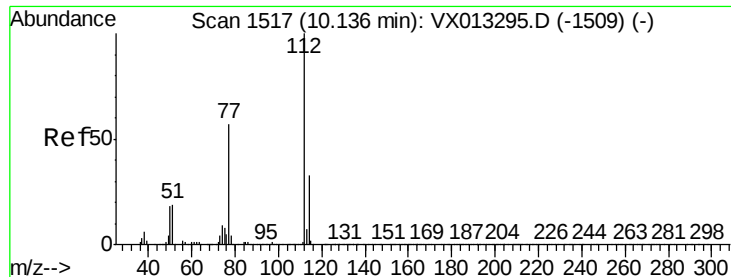
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#64
Tetrachloroethene
Concen: 49.416 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	100.4	150.6
129	87.1	69.4	104.2
131	85.3	66.6	100.0





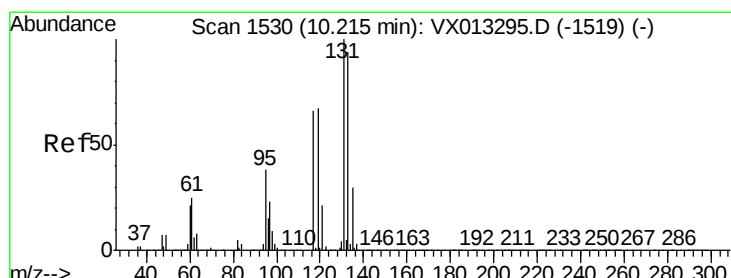
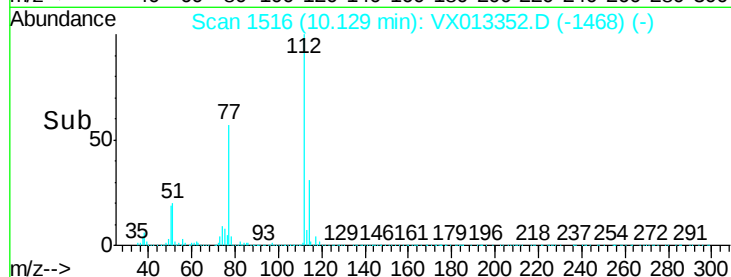
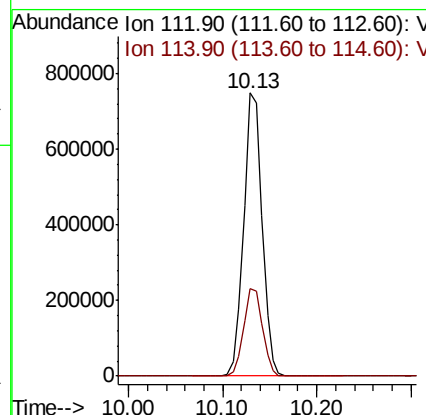
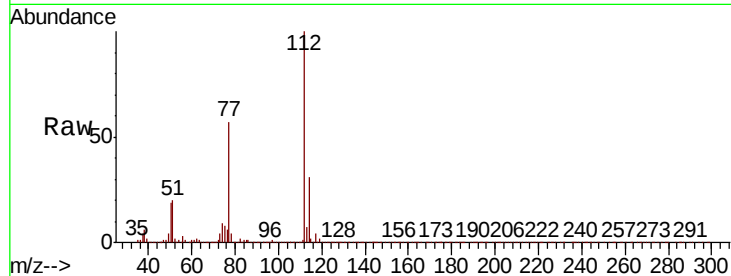
#65
Chlorobenzene
Concen: 49.596 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1020928
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6

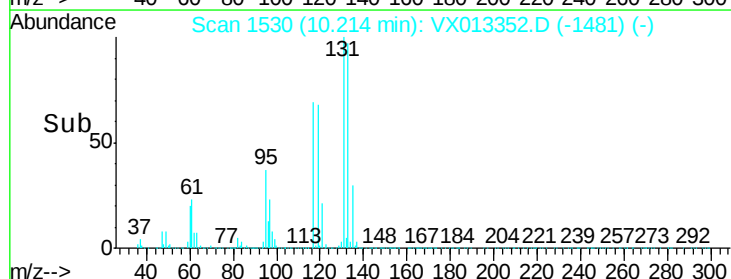
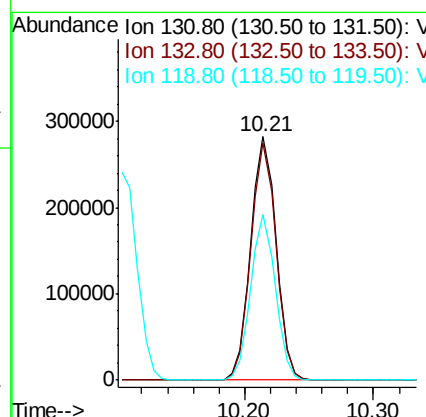
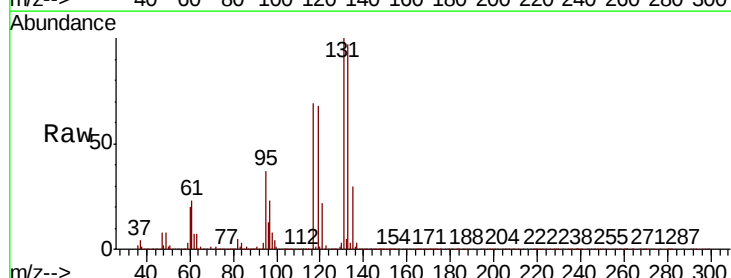
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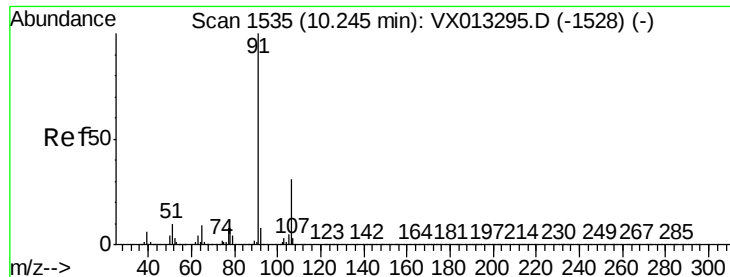
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.508 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion:131 Resp: 381756
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 66.1 33.0 99.0





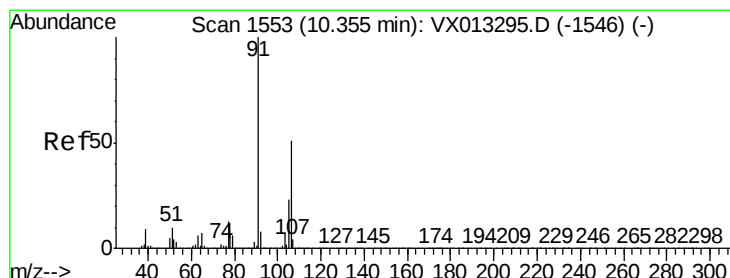
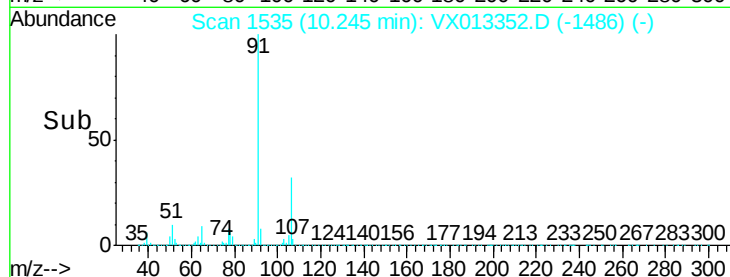
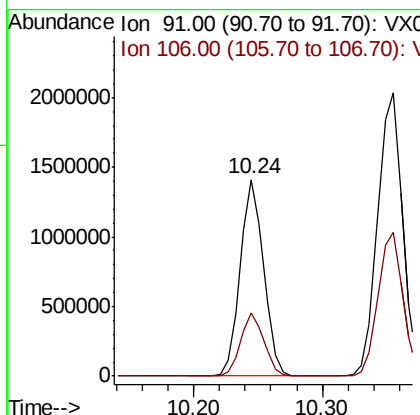
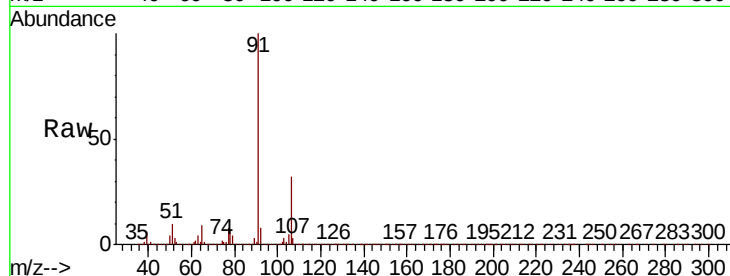
#67
Ethyl Benzene
Concen: 49.965 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1775124
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8

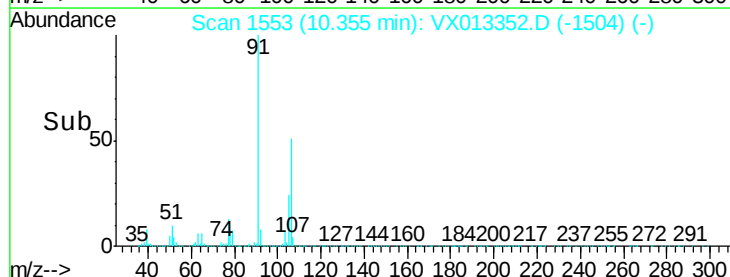
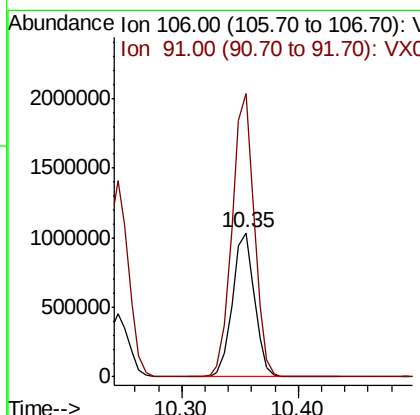
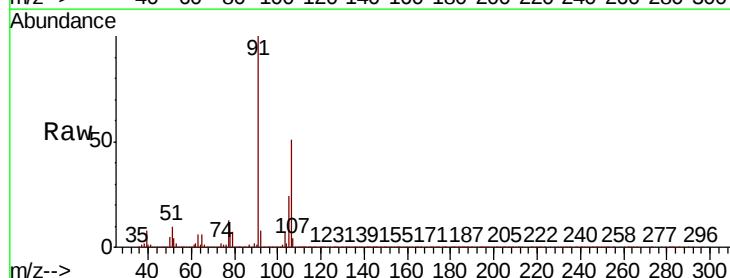
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#68
m/p-Xylenes
Concen: 101.731 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 106 Resp: 1366868
Ion Ratio Lower Upper
106 100
91 197.8 159.3 238.9





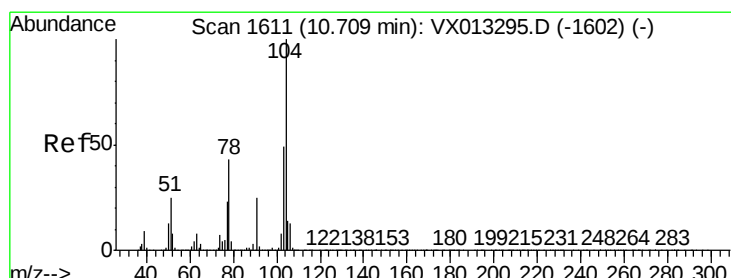
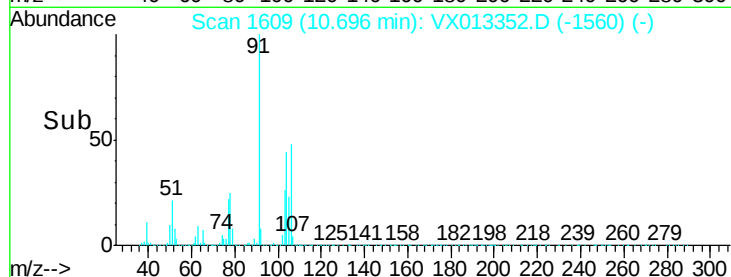
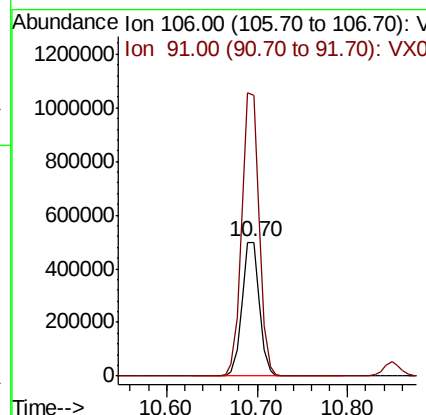
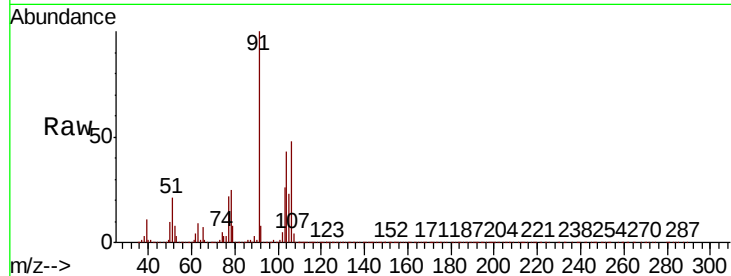
#69
o-Xylene
Concen: 50.257 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 661097
Ion Ratio Lower Upper
106 100
91 211.7 105.7 317.0

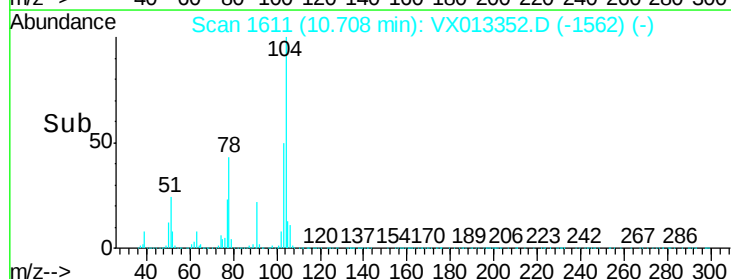
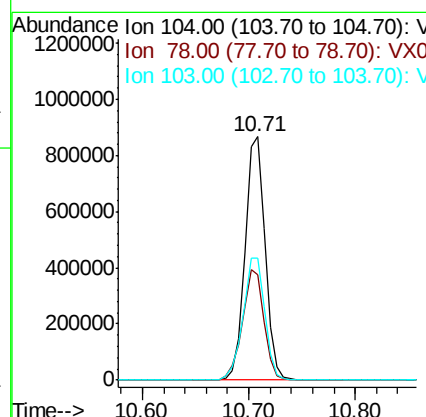
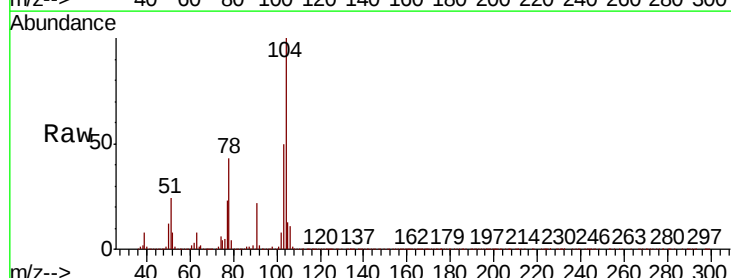
Manual Integrations
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#70
Styrene
Concen: 52.165 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion:104 Resp: 1147061
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 54.8 44.1 66.1





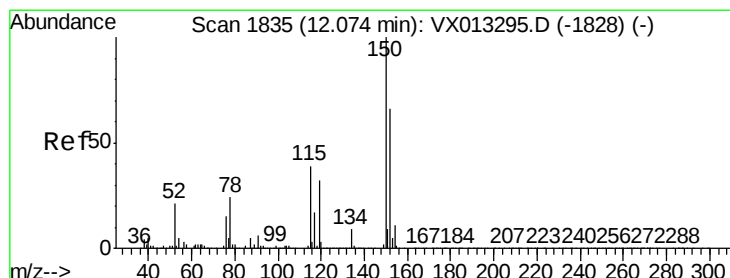
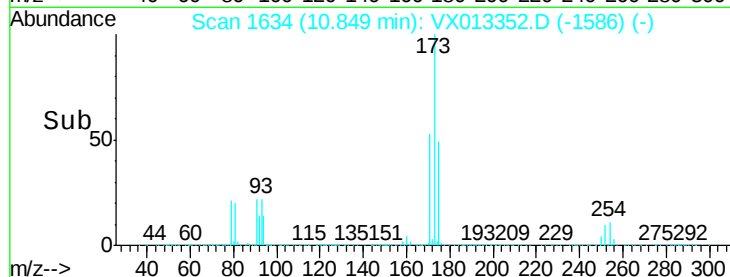
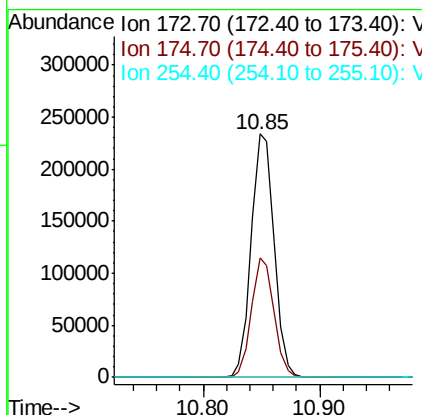
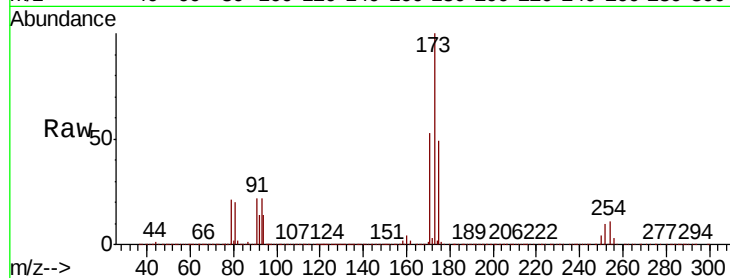
#71
Bromoform
Concen: 46.177 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.8	74.4
254	0.2	0.2	0.2

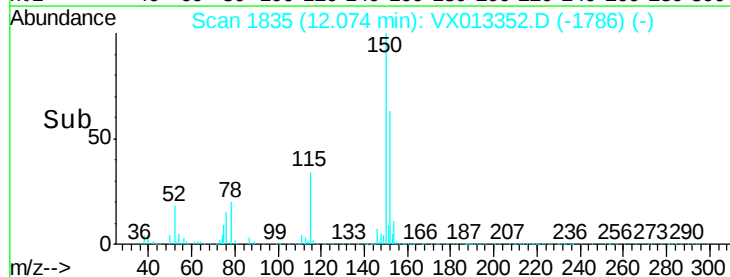
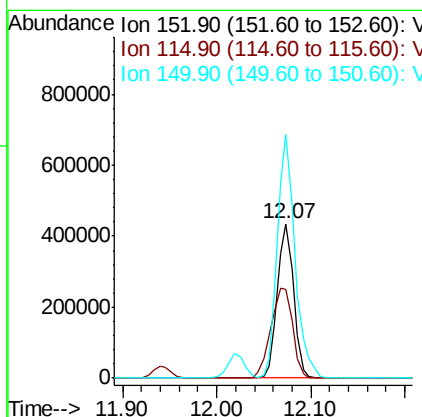
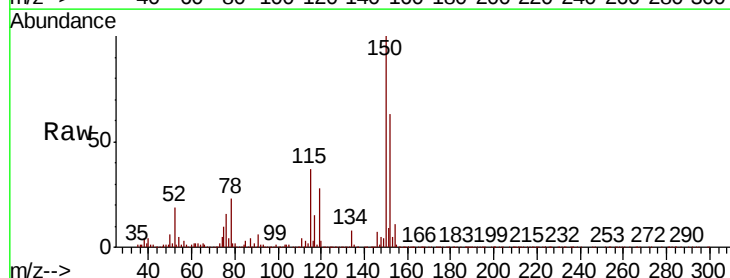
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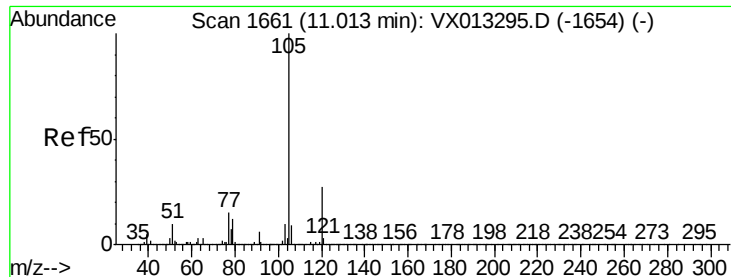
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.4	39.5	118.3
150	171.3	0.0	344.4





#73

Isopropylbenzene

Concen: 50.651 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1761436

Ion Ratio Lower Upper

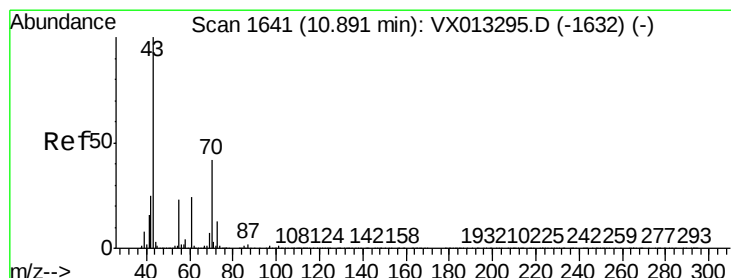
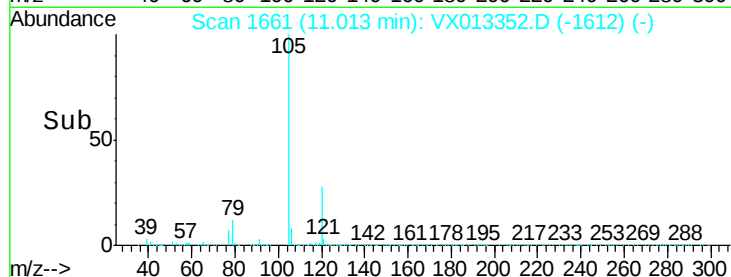
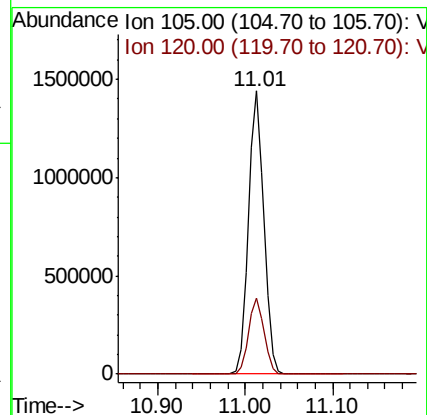
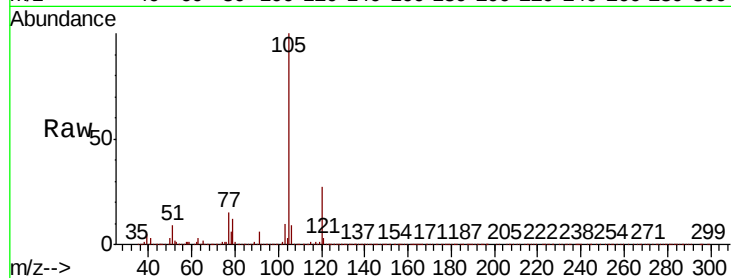
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 51.031 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion: 43 Resp: 822954

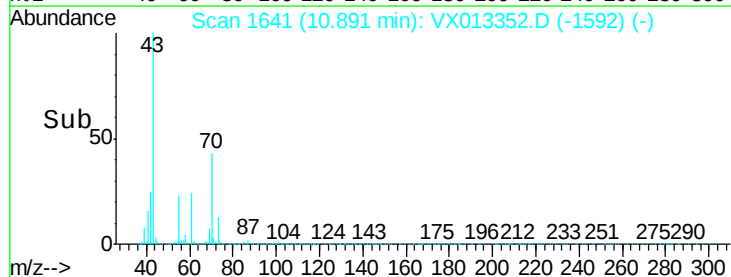
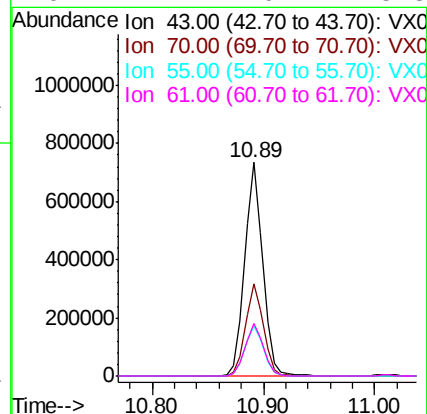
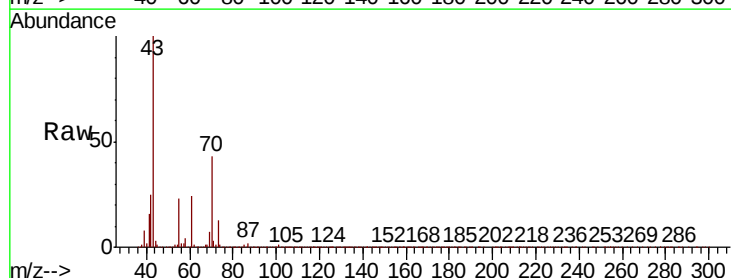
Ion Ratio Lower Upper

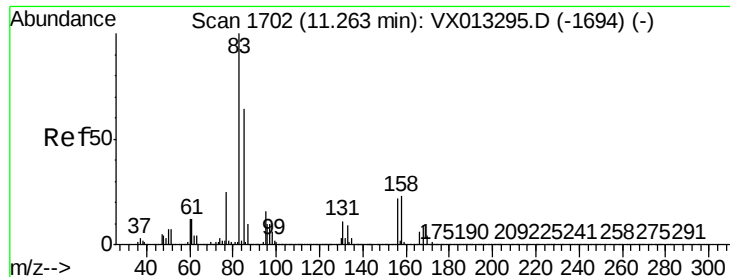
43 100

70 43.0 34.1 51.1

55 24.1 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.191 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 611386
Ion Ratio Lower Upper

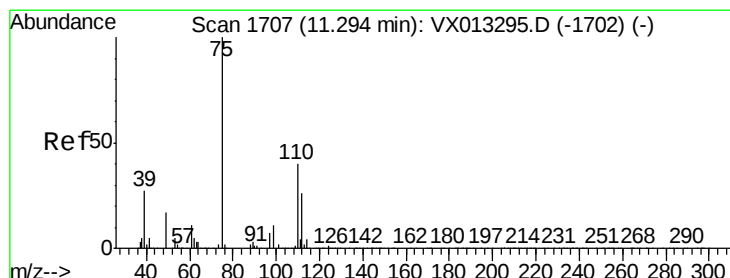
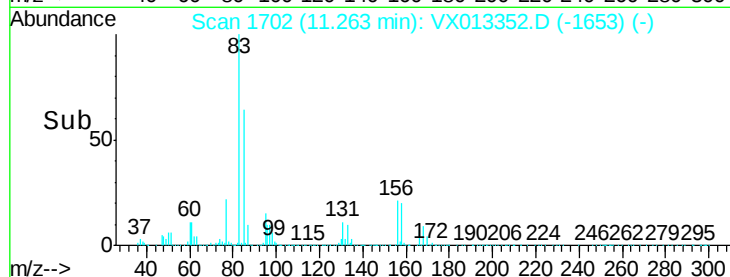
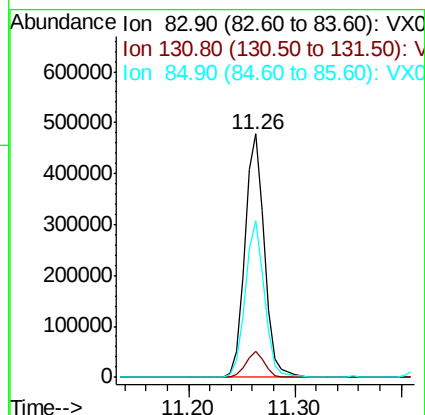
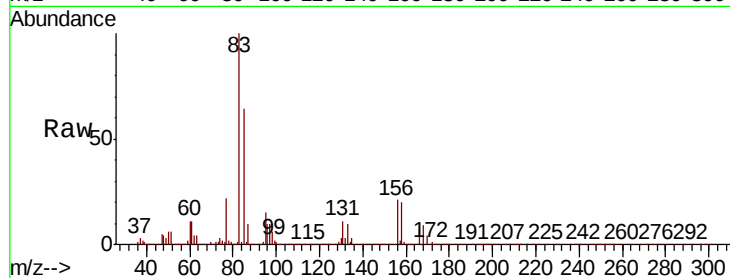
83 100

131 10.3 5.1 15.3

85 63.9 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 46.003 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

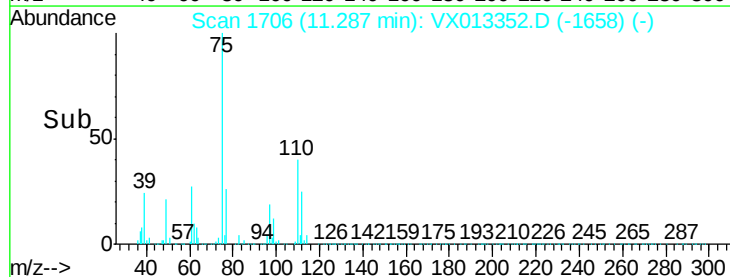
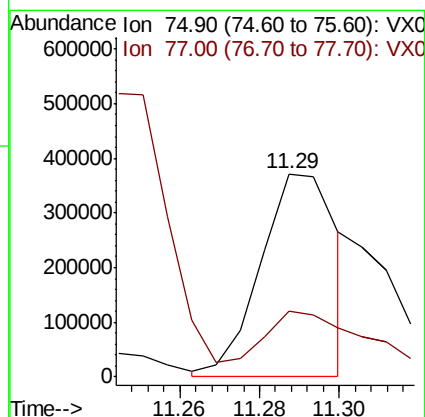
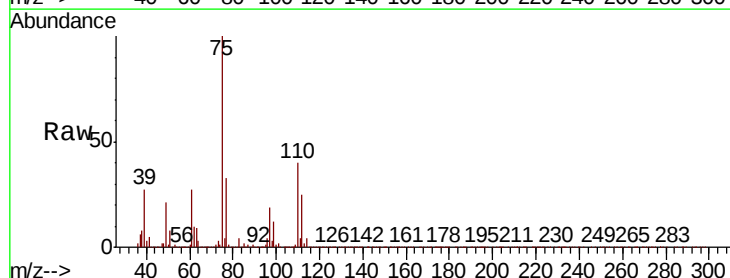
Lab File: VX013352.D

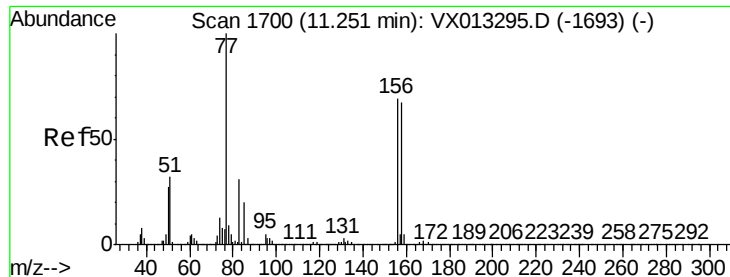
Acq: 08 Nov 2019 09:57

Tgt Ion: 75 Resp: 490099
Ion Ratio Lower Upper

75 100

77 45.7 22.3 66.8





#77

Bromobenzene

Concen: 50.666 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

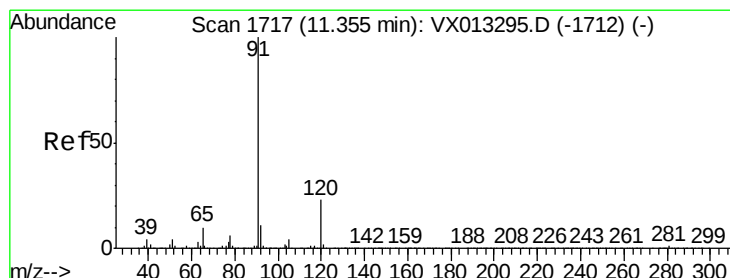
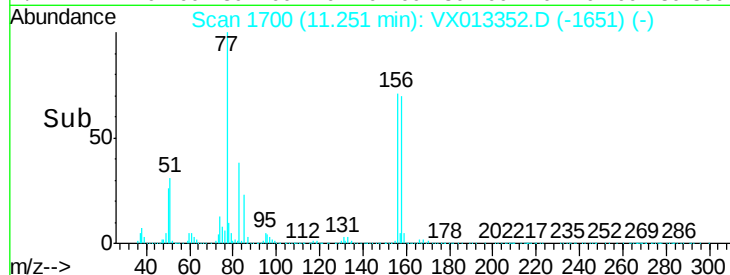
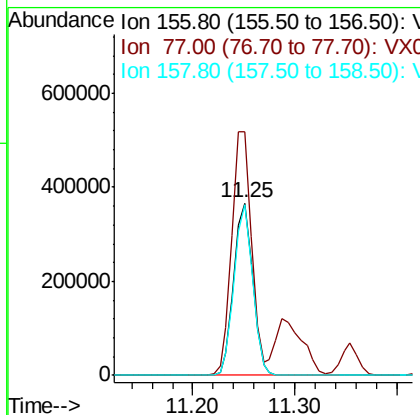
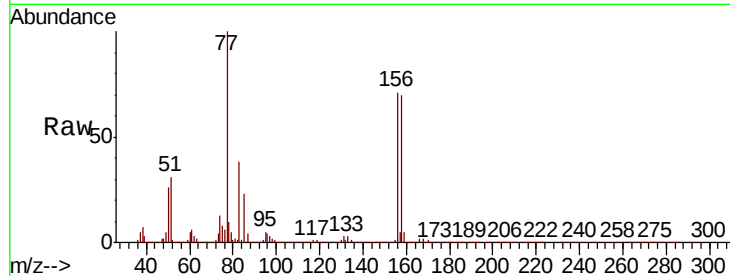
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.6	75.8	227.4
158	97.0	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.515 ug/l

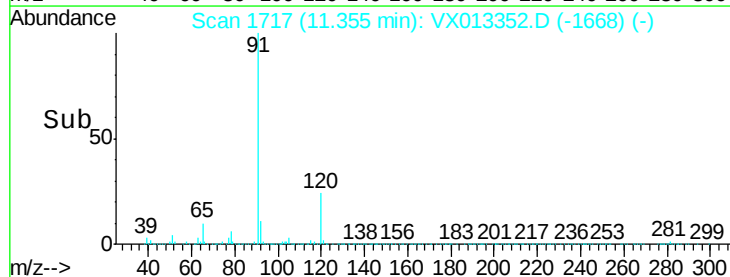
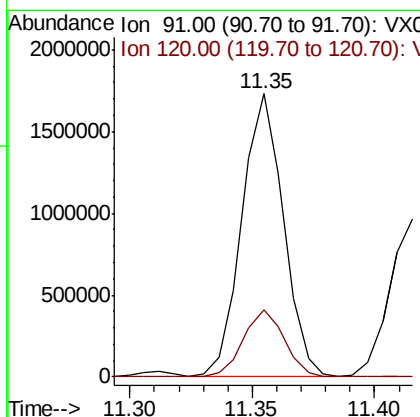
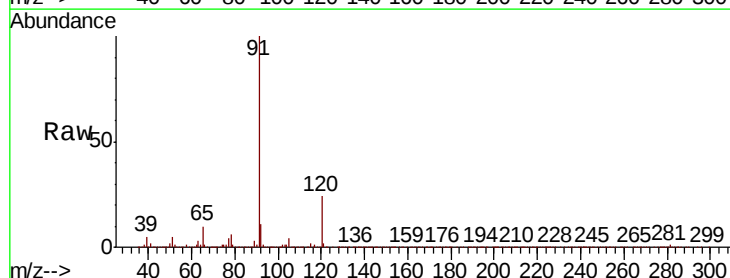
RT: 11.35 min Scan# 1717

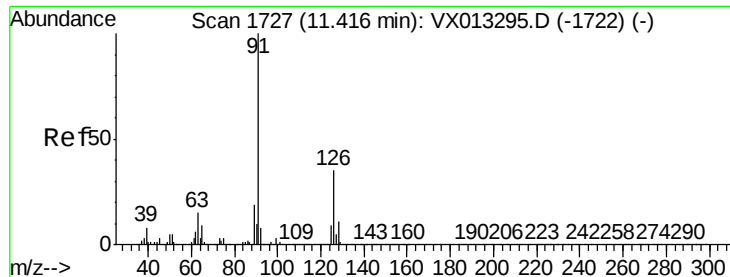
Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.8





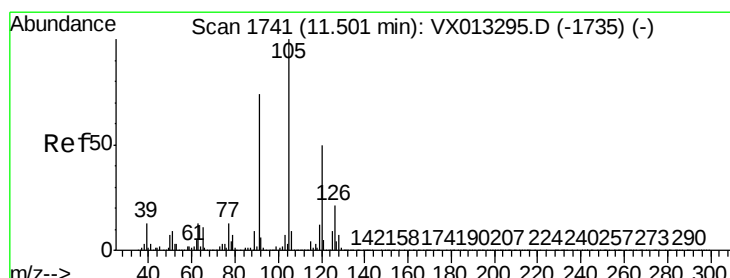
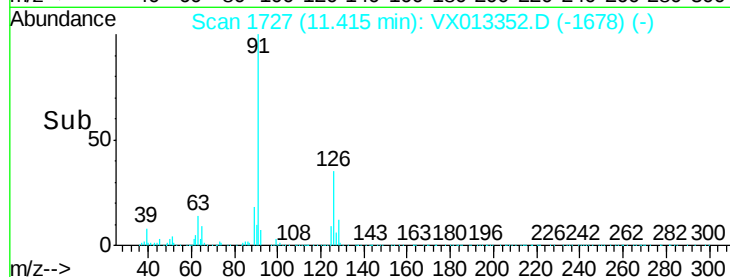
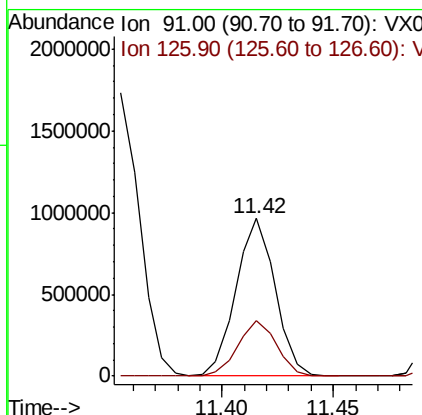
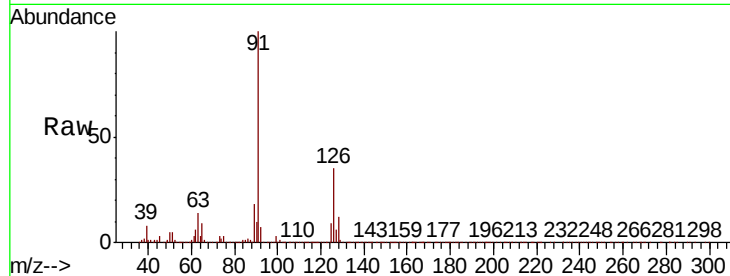
#79
2-Chlorotoluene
Concen: 50.699 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1183310
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0

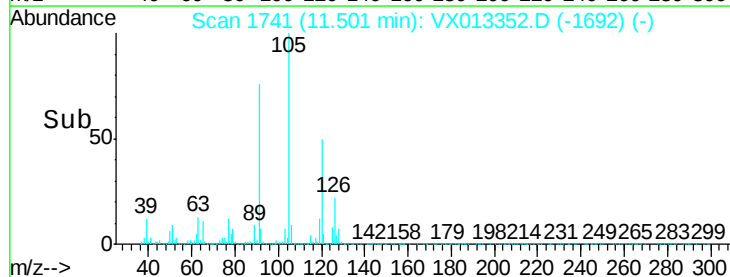
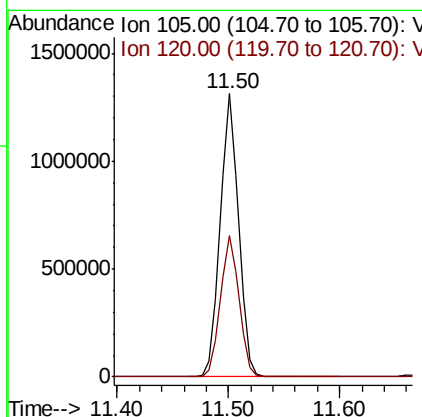
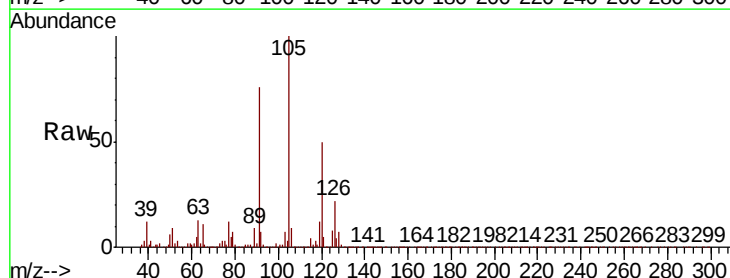
Manual Integrations
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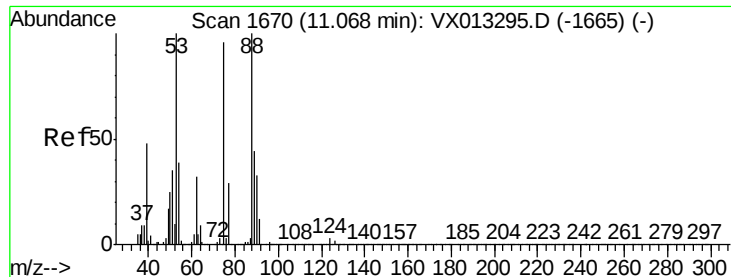
MMDadoda
11/11/2019 3:34:12 PM



#80
1,3,5-Trimethylbenzene
Concen: 51.631 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion: 105 Resp: 1495564
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.8





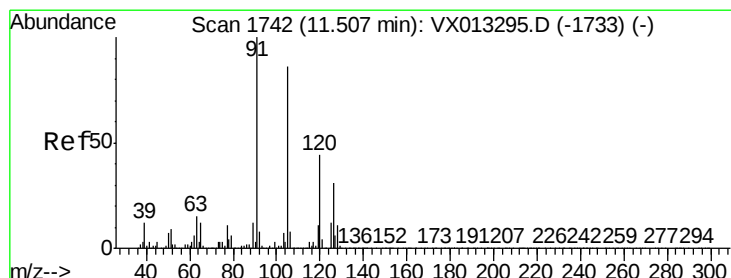
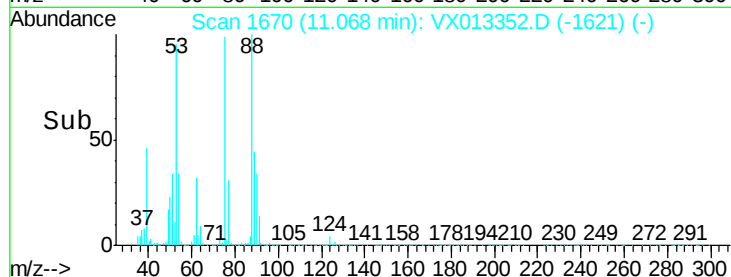
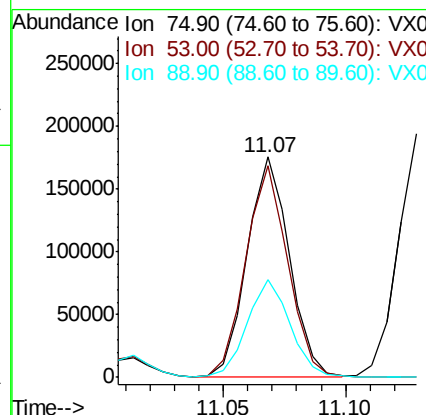
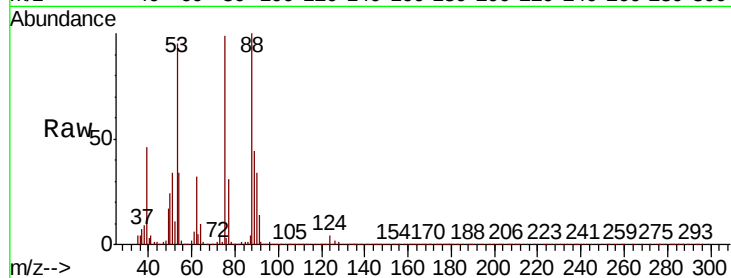
#81
trans-1,4-Dichloro-2-butene
Concen: 50.793 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	81.0	121.6
89	45.6	36.0	54.0

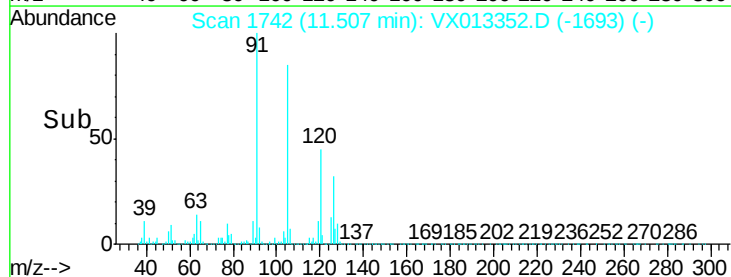
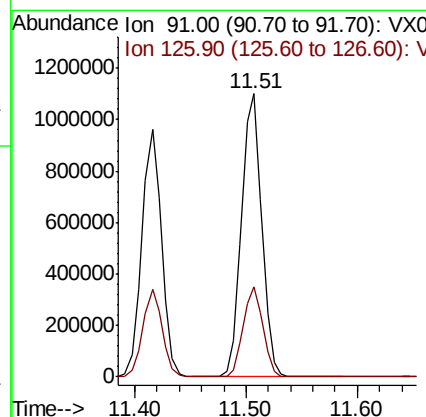
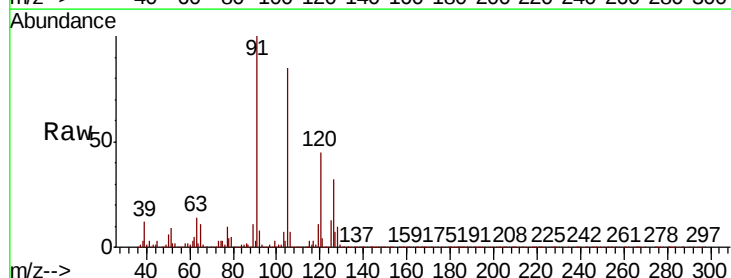
Manual Integrations
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#82
4-Chlorotoluene
Concen: 50.703 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.3	45.8





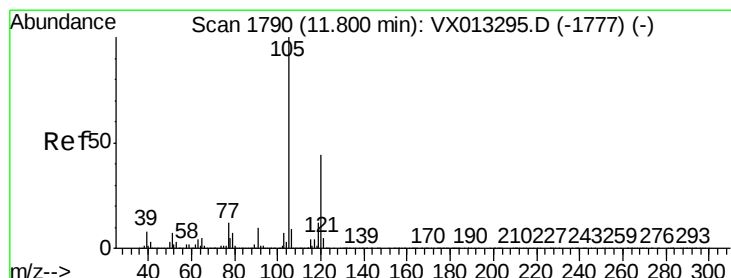
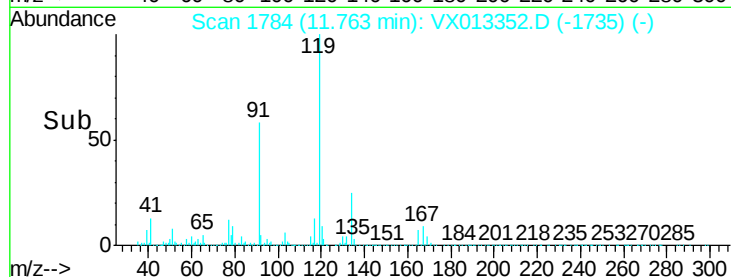
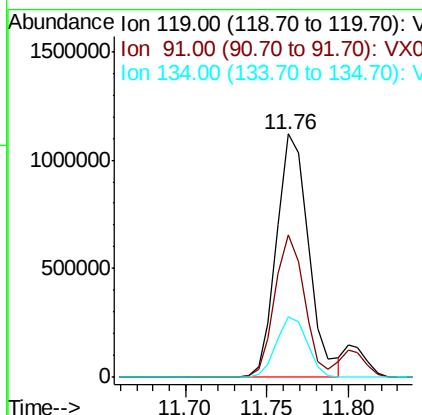
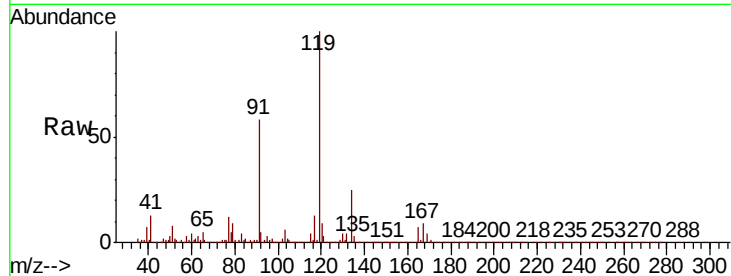
#83
tert-Butylbenzene
Concen: 52.216 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.9	26.9	80.7
134	23.6	11.7	35.1

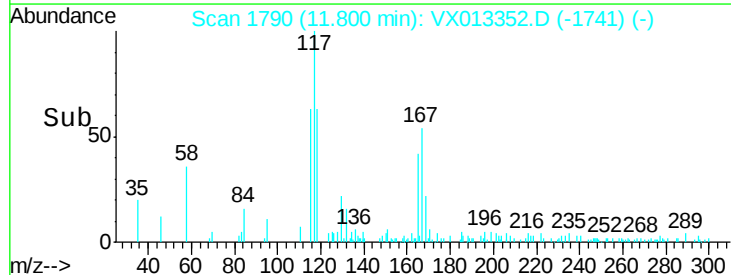
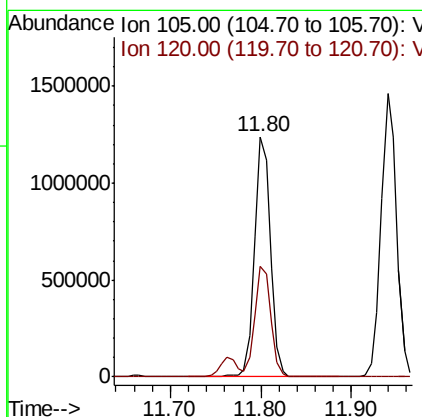
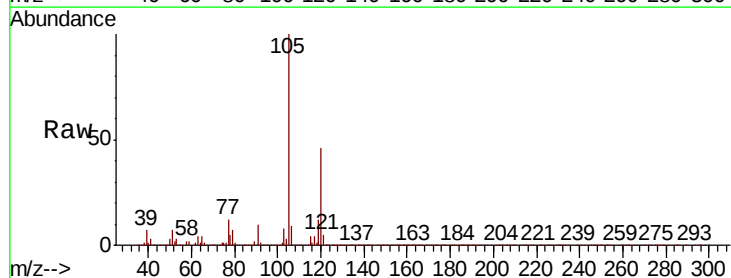
Manual Integrations
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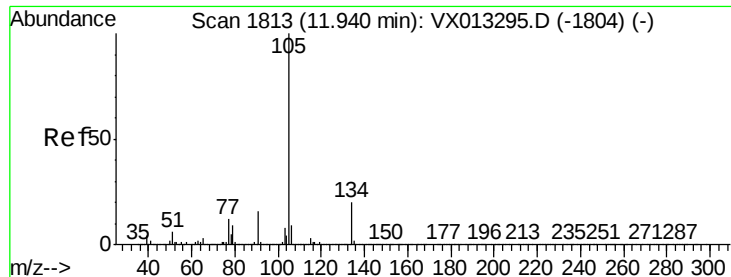
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#84
1,2,4-Trimethylbenzene
Concen: 51.830 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.7	68.1





#85

sec-Butylbenzene

Concen: 51.786 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1735480

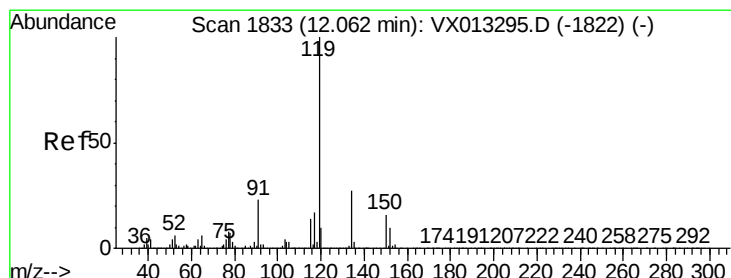
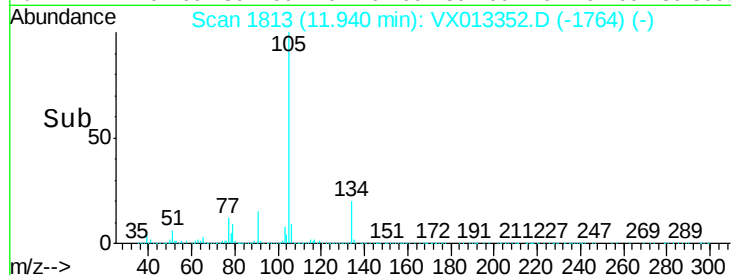
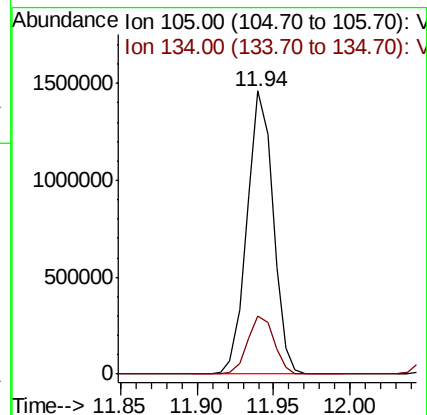
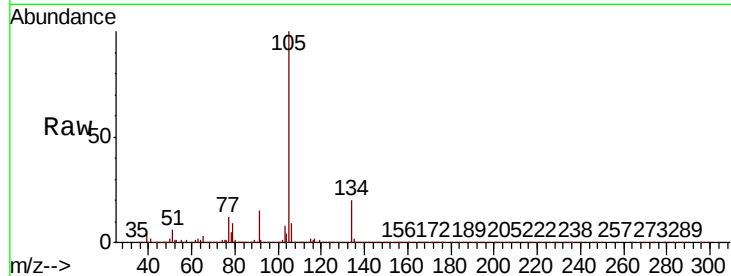
Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.692 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013352.D

Acq: 08 Nov 2019 09:57

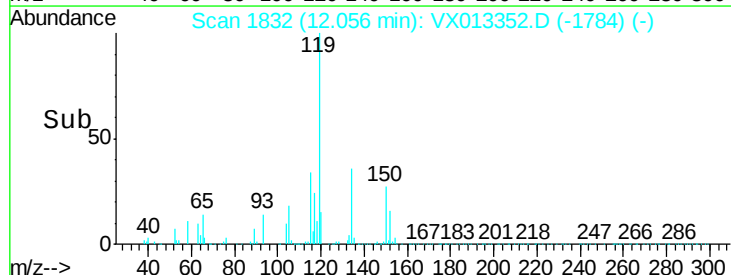
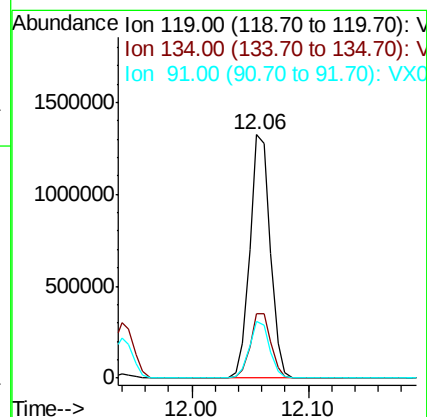
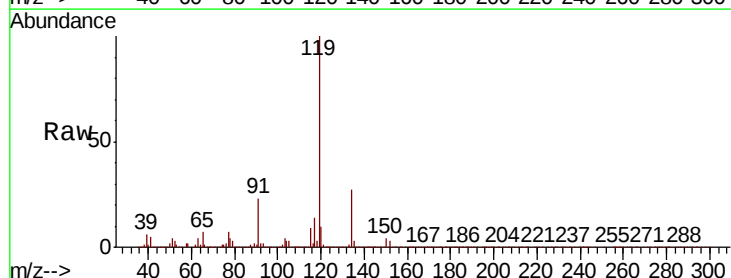
Tgt Ion:119 Resp: 1626020

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.8 11.5 34.4





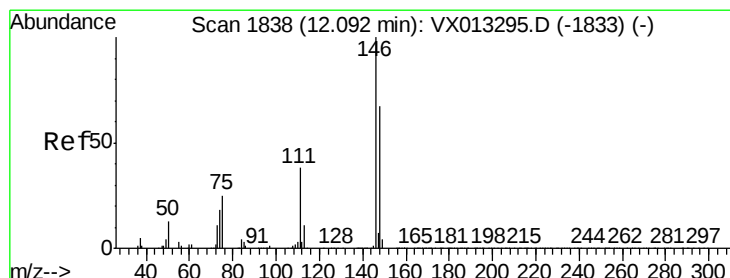
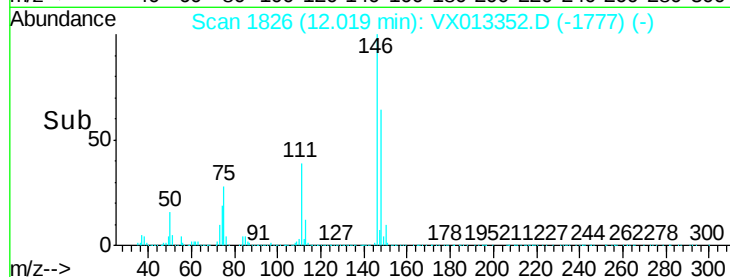
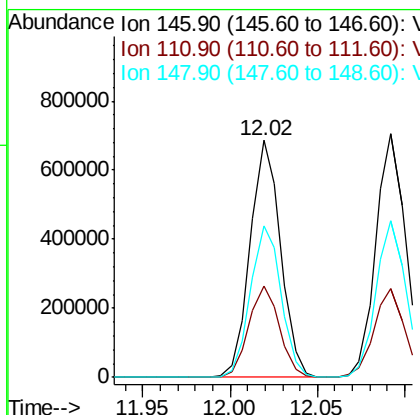
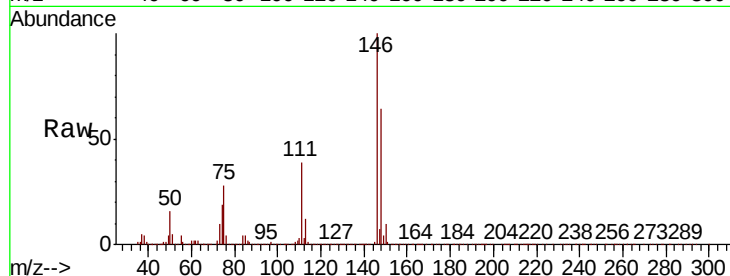
#87
 1,3-Dichlorobenzene
 Concen: 50.141 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.5
148	64.8	31.9	95.7

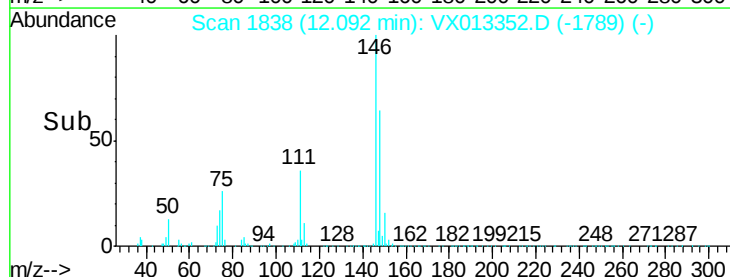
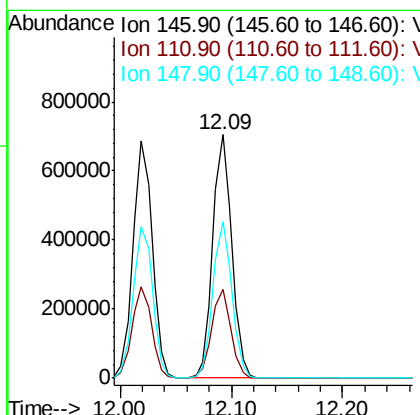
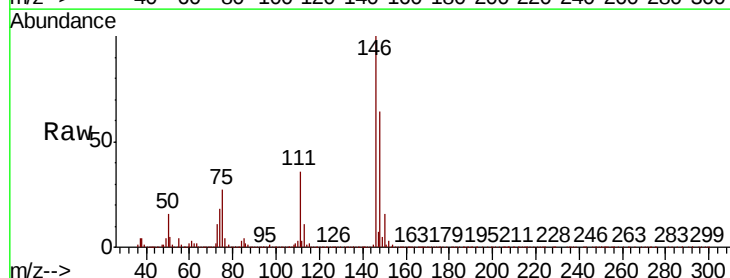
Manual Integrations
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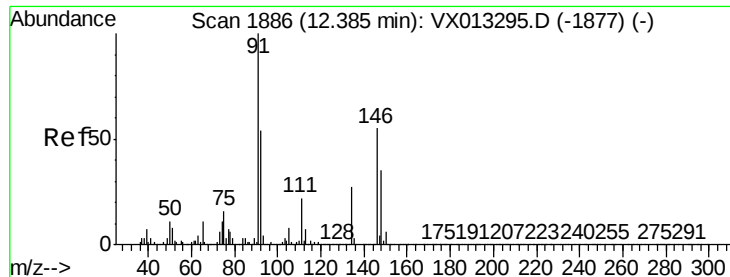
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 11/11/2019 3:34:12 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.650 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	64.3	32.4	97.0





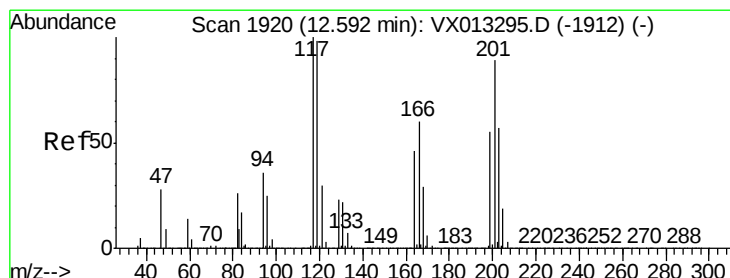
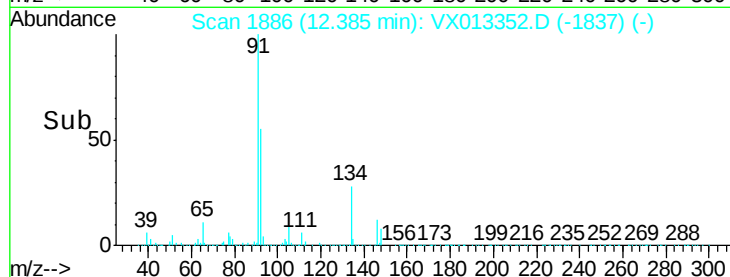
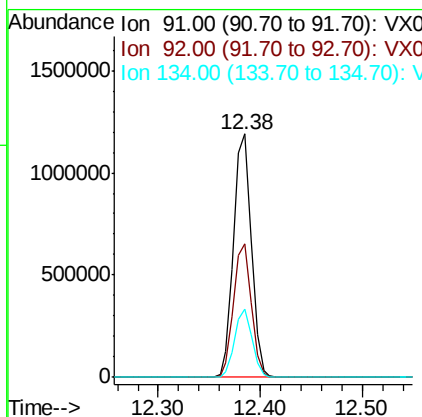
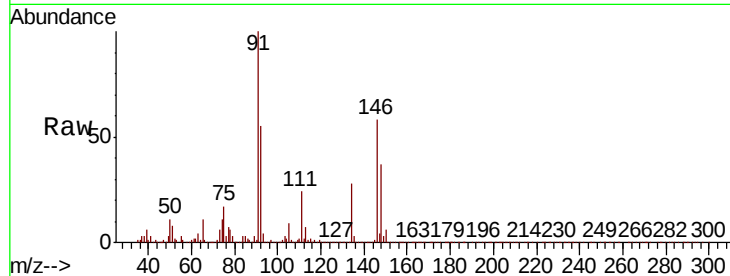
#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.8
134	27.4	13.5	40.5

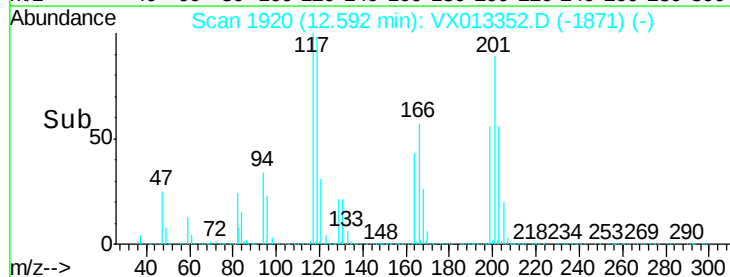
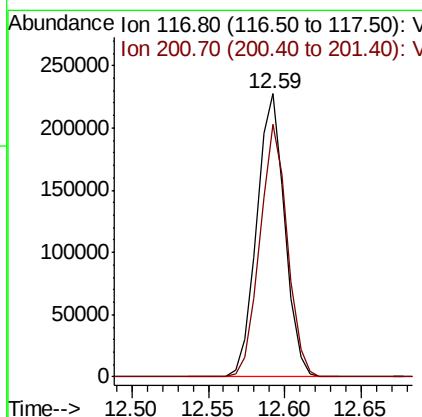
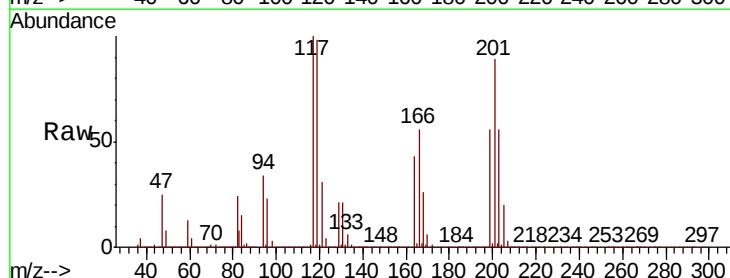
Manual Integrations
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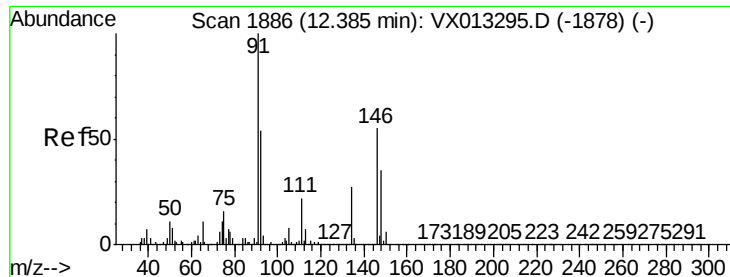
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#90
Hexachloroethane
Concen: 52.735 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	43.9	131.7





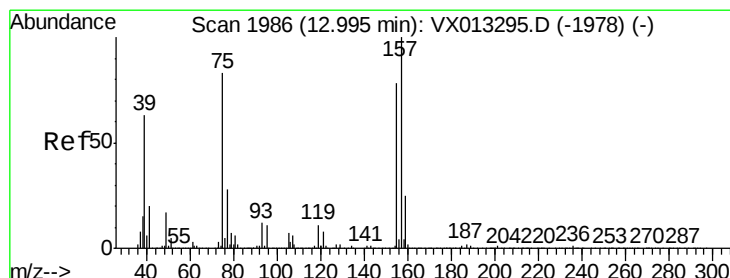
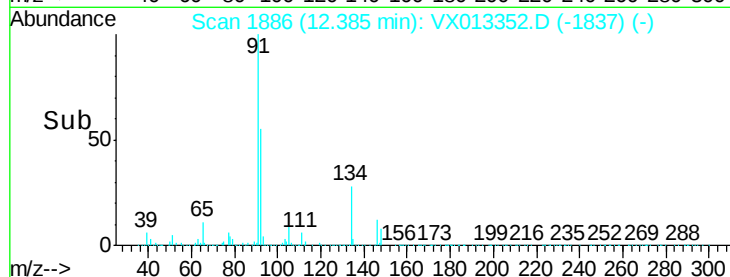
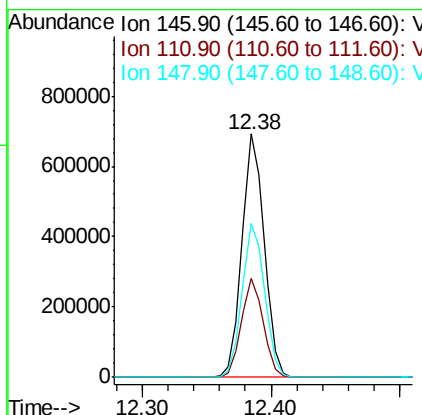
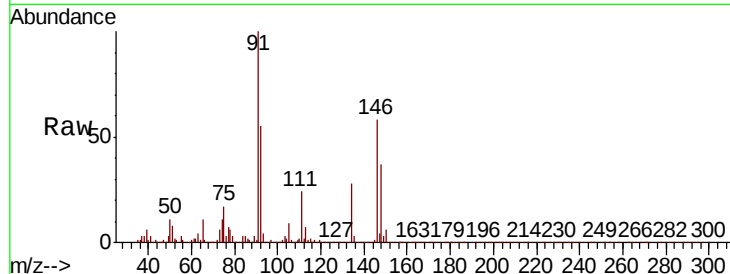
#91
 1,2-Dichlorobenzene
 Concen: 50.097 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	827531		
111	39.9	20.1	60.2	
148	63.8	32.0	96.0	

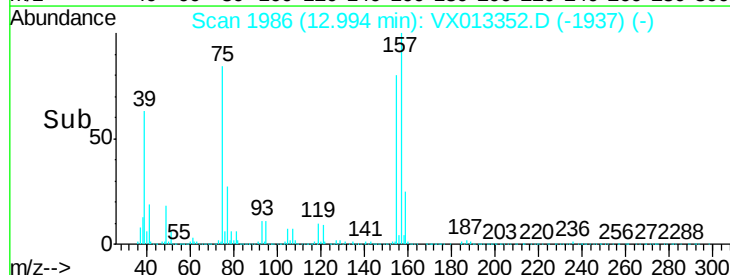
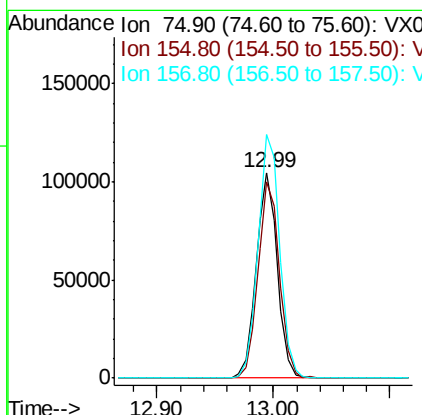
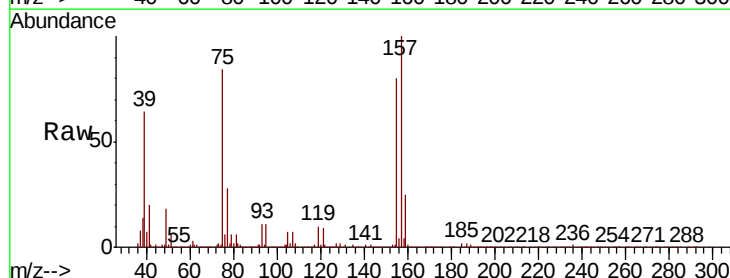
Manual Integrations
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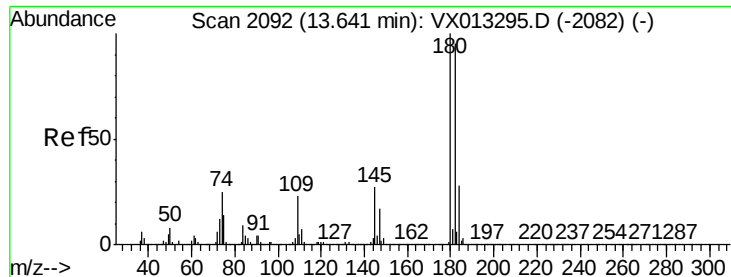
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 11/11/2019 3:34:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.326 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130824		
155	97.6	47.1	141.4	
157	123.1	61.3	183.8	





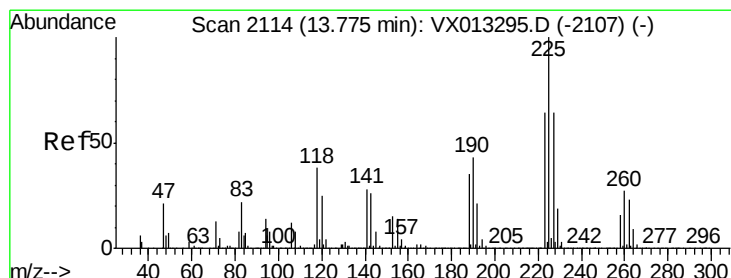
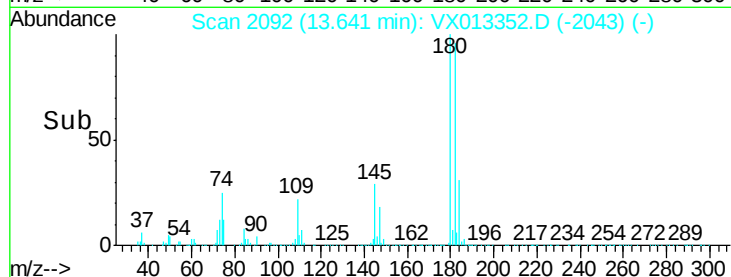
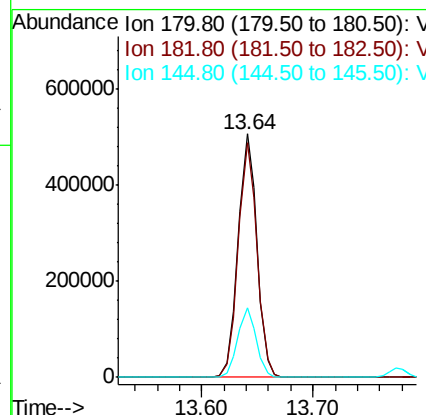
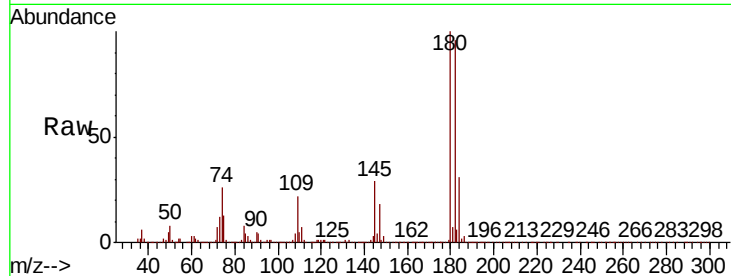
#93
 1,2,4-Trichlorobenzene
 Concen: 51.247 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	28.3	14.1	42.4

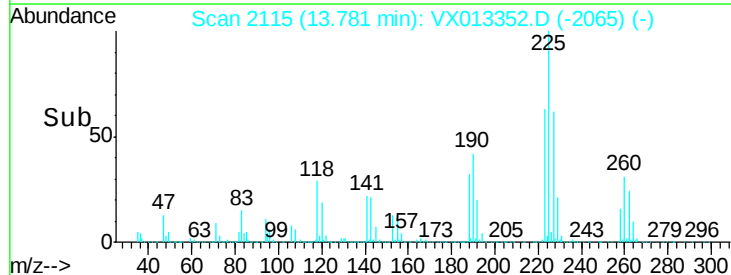
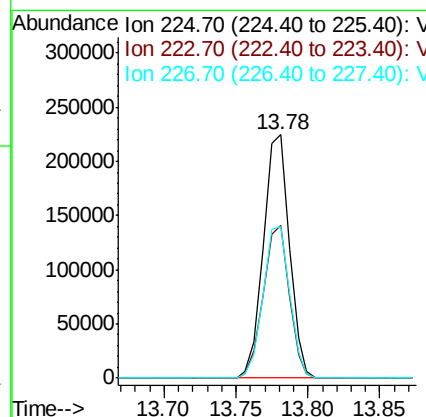
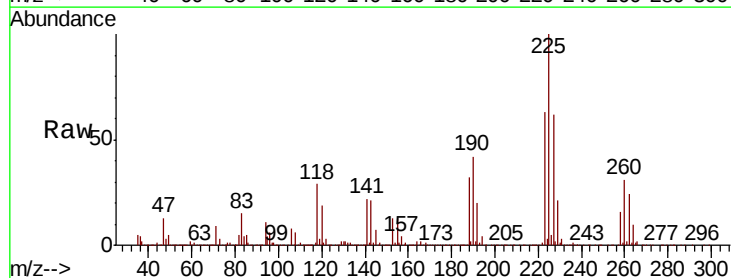
Manual Integrations
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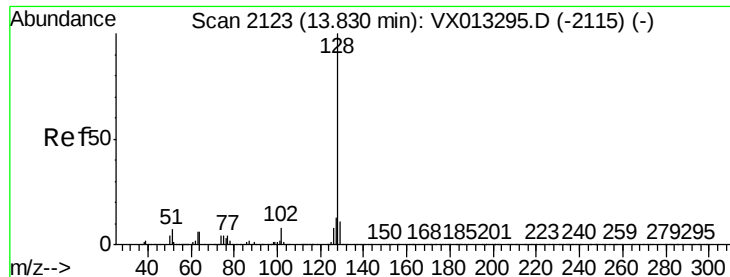
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 11/11/2019 3:34:12 PM



#94
 Hexachlorobutadiene
 Concen: 49.642 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013352.D
 Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	63.6	31.9	95.9





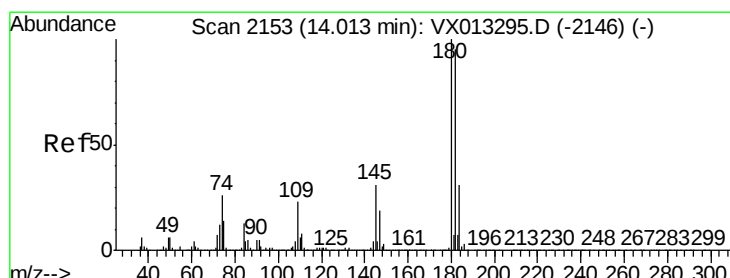
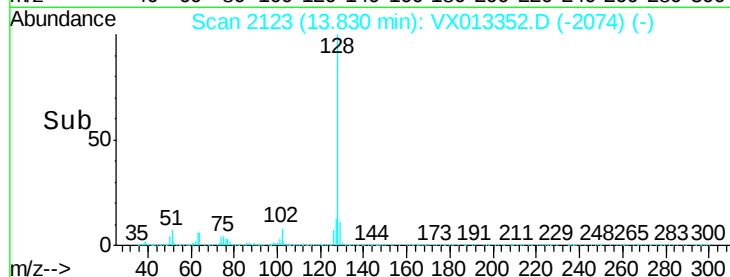
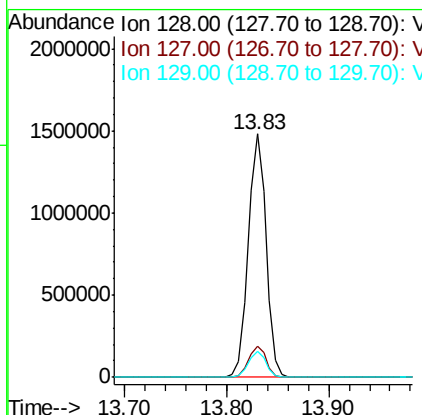
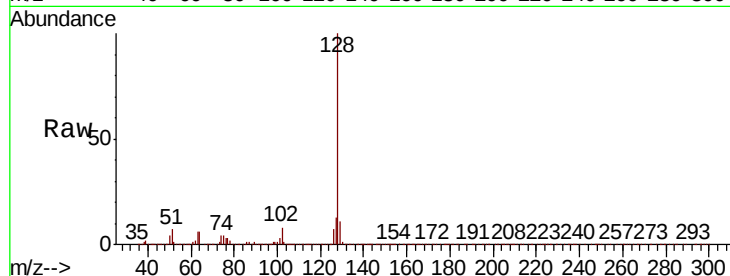
#95
Naphthalene
Concen: 49.975 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/11/2019 3:34:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.870 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013352.D
Acq: 08 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	30.4	15.4	46.4

