

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013350.D
 Acq On : 07 Nov 2019 16:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:17 AM

Quant Time: Nov 08 00:37:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	756543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1169824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1061528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	535572	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	403767	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.48	113	327940	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	8.71	98	1224916	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
62) 4-Bromofluorobenzene	11.13	95	440805	44.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	368591	42.285	ug/l	97
3) Chloromethane	1.31	50	418838	44.308	ug/l	100
4) Vinyl Chloride	1.40	62	468255	43.511	ug/l	100
5) Bromomethane	1.62	94	299524	39.939	ug/l	100
6) Chloroethane	1.71	64	265647	43.015	ug/l	98
7) Trichlorofluoromethane	1.92	101	511324	40.216	ug/l	97
8) Diethyl Ether	2.17	74	254918	45.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	312274	44.066	ug/l	98
10) Methyl Iodide	2.50	142	397421	45.297	ug/l	98
11) Tert butyl alcohol	3.03	59	496685	210.252	ug/l	100
12) 1,1-Dichloroethene	2.36	96	314185	45.274	ug/l	99
13) Acrolein	2.28	56	302104	235.961	ug/l	99
14) Allyl chloride	2.72	41	606350	48.088	ug/l	96
15) Acrylonitrile	3.12	53	1073597	243.295	ug/l	99
16) Acetone	2.43	43	1064300	238.071	ug/l	99
17) Carbon Disulfide	2.56	76	822328	44.272	ug/l	99
18) Methyl Acetate	2.76	43	607518	49.223	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1173085	50.682	ug/l	100
20) Methylene Chloride	2.84	84	379446	45.939	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	344154	45.547	ug/l	96
22) Diisopropyl ether	3.84	45	1216999	49.993	ug/l	98
23) Vinyl Acetate	3.80	43	5175604	248.464	ug/l	100
24) 1,1-Dichloroethane	3.68	63	643818	47.278	ug/l	99
25) 2-Butanone	4.65	43	1573790	239.968	ug/l	99
26) 2,2-Dichloropropane	4.56	77	509673	47.047	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	413243	48.822	ug/l	98
28) Bromochloromethane	5.00	49	191150	49.437	ug/l	99
29) Tetrahydrofuran	5.11	42	971334	240.340	ug/l	99
30) Chloroform	5.19	83	640912	47.663	ug/l	99
31) Cyclohexane	5.56	56	537929	43.899	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	524420	45.317	ug/l	99
36) 1,1-Dichloropropene	5.78	75	458834	45.720	ug/l	100
37) Ethyl Acetate	4.81	43	588059	47.421	ug/l	100
38) Carbon Tetrachloride	5.77	117	439085	44.742	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	559110	44.712	ug/l	98
40) Benzene	6.13	78	1448384	46.332	ug/l	99
41) Methacrylonitrile	5.02	41	331336	47.670	ug/l	98
42) 1,2-Dichloroethane	6.18	62	526363	46.680	ug/l	100
43) Isopropyl Acetate	6.43	43	945242	48.951	ug/l	99
44) Trichloroethene	7.20	130	383959	44.621	ug/l	100
45) 1,2-Dichloropropane	7.50	63	386083	48.472	ug/l	97
46) Dibromomethane	7.65	93	254218	46.745	ug/l	97
47) Bromodichloromethane	7.89	83	508456	49.581	ug/l	97
48) Methyl methacrylate	7.76	41	476398	49.423	ug/l	98
49) 1,4-Dioxane	7.73	88	205155	929.366	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2999720	236.775	ug/l	99
52) Toluene	8.78	92	910741	47.006	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	575538	51.324	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	627614	50.033	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	391074	48.697	ug/l	97
56) Ethyl methacrylate	9.17	69	637622	46.616	ug/l	97
57) 1,3-Dichloropropane	9.36	76	649557	47.647	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1298955	236.558	ug/l	100
59) 2-Hexanone	9.48	43	2337833	238.789	ug/l	99
60) Dibromochloromethane	9.57	129	417910	50.882	ug/l	98
61) 1,2-Dibromoethane	9.67	107	410135	48.094	ug/l	99
64) Tetrachloroethene	9.33	164	339180	44.634	ug/l	96
65) Chlorobenzene	10.14	112	992584	46.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	376388	47.698	ug/l	99
67) Ethyl Benzene	10.25	91	1709126	46.079	ug/l	99
68) m/p-Xylenes	10.35	106	1313851	93.662	ug/l	99
69) o-Xylene	10.70	106	639416	46.559	ug/l	99
70) Styrene	10.71	104	1120400	48.804	ug/l	99
71) Bromoform	10.85	173	325634	44.859	ug/l #	98
73) Isopropylbenzene	11.01	105	1671035	47.059	ug/l	100
74) N-amyl acetate	10.89	43	842335	51.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	617102	47.637	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	508125m	46.711	ug/l	
77) Bromobenzene	11.25	156	452941	47.848	ug/l	99
78) n-propylbenzene	11.35	91	1914488	48.400	ug/l	99
79) 2-Chlorotoluene	11.42	91	1131917	47.496	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1423993	48.145	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	215846	51.073	ug/l	97
82) 4-Chlorotoluene	11.51	91	1319882	47.312	ug/l	99
83) tert-Butylbenzene	11.76	119	1434018	48.164	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1448088	48.806	ug/l	99
85) sec-Butylbenzene	11.94	105	1636984	47.839	ug/l	100
86) p-Isopropyltoluene	12.06	119	1524330	48.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	791575	46.911	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	796302	46.318	ug/l	100
89) n-Butylbenzene	12.38	91	1328454	48.317	ug/l	100
90) Hexachloroethane	12.59	117	272652	48.566	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	815111	48.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	139370	44.159	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	576458	48.996	ug/l	98
94) Hexachlorobutadiene	13.77	225	256909	44.632	ug/l	98
95) Naphthalene	13.83	128	1845753	50.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	576235	48.836	ug/l	98

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

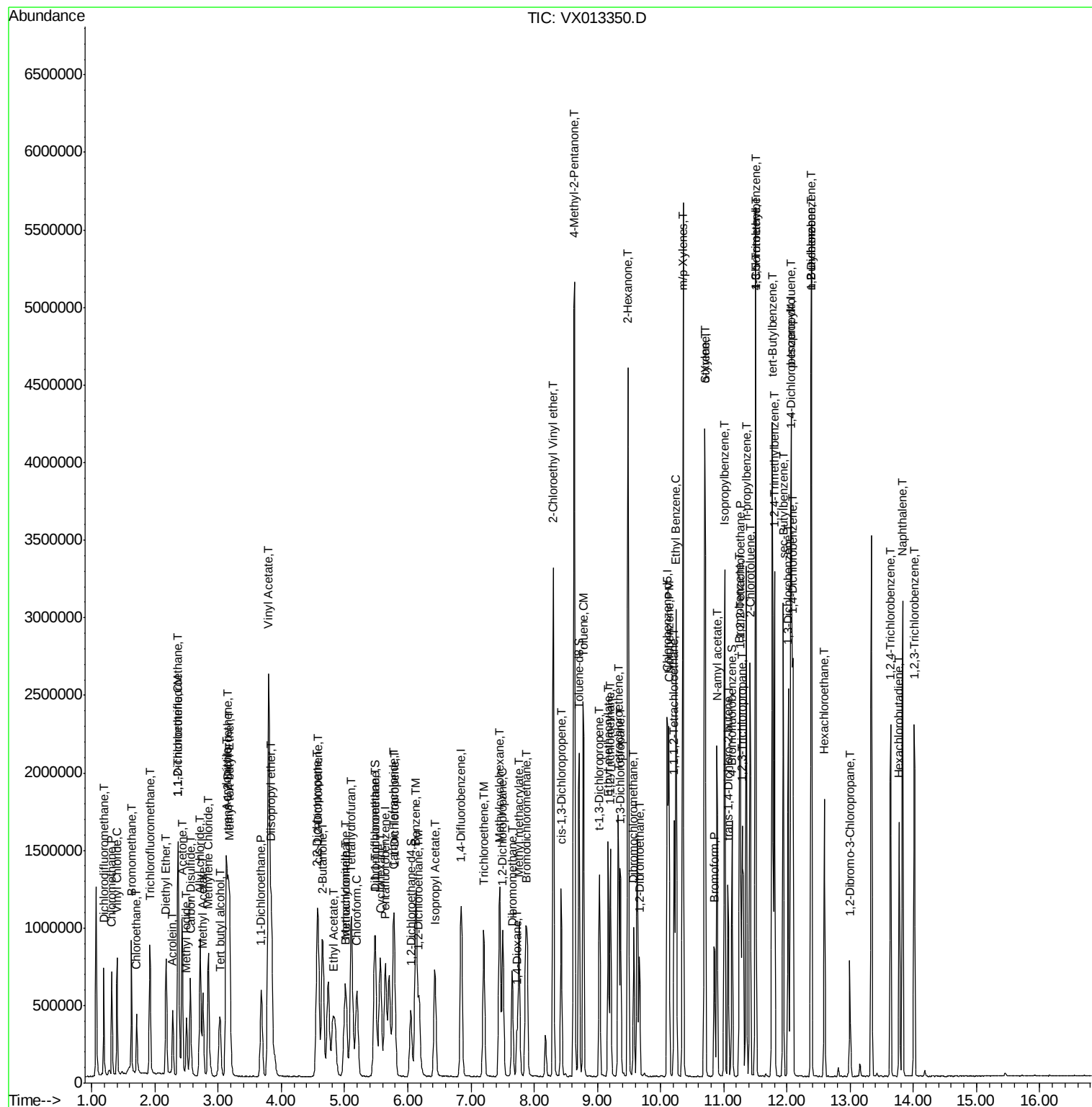
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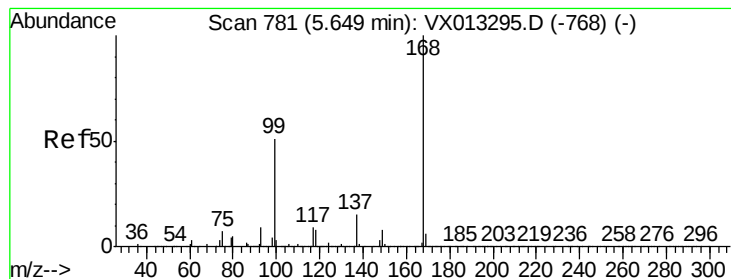
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 756543

Ion Ratio Lower Upper

168 100

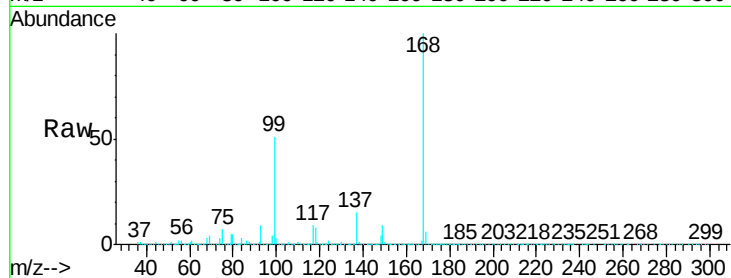
99 51.0 40.8 61.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

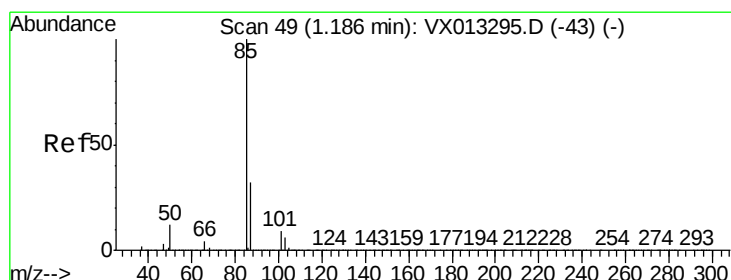
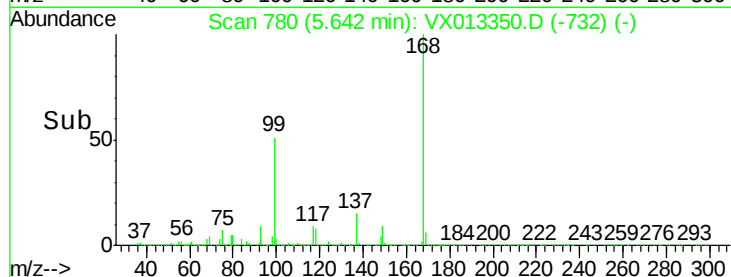
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.285 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013350.D

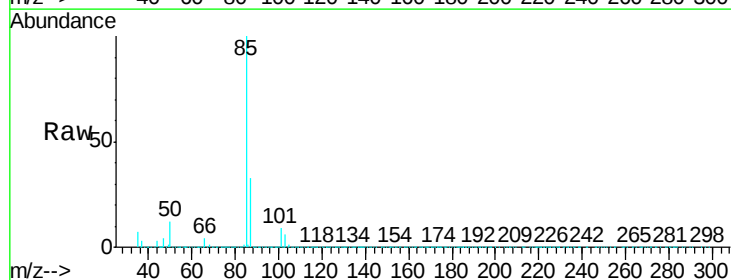
Acq: 07 Nov 2019 16:46

Tgt Ion: 85 Resp: 368591

Ion Ratio Lower Upper

85 100

87 33.4 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

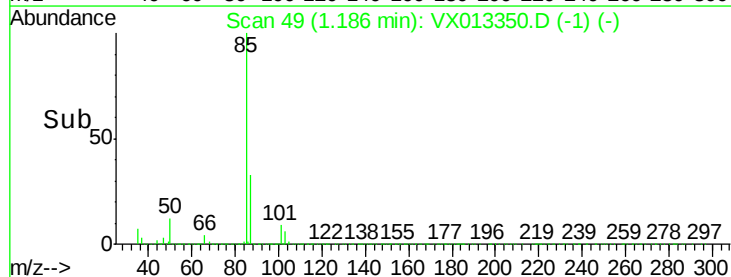
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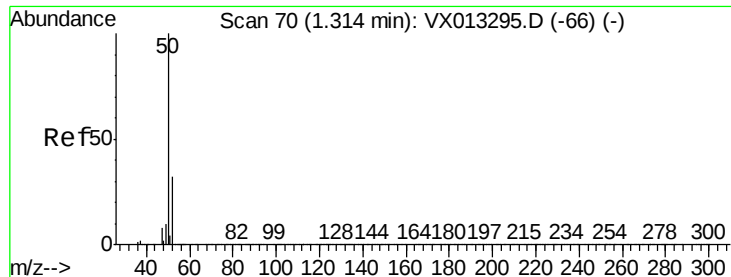
200000

100000

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Time-->





#3

Chloromethane

Concen: 44.308 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 418838

Ion Ratio Lower Upper

50 100

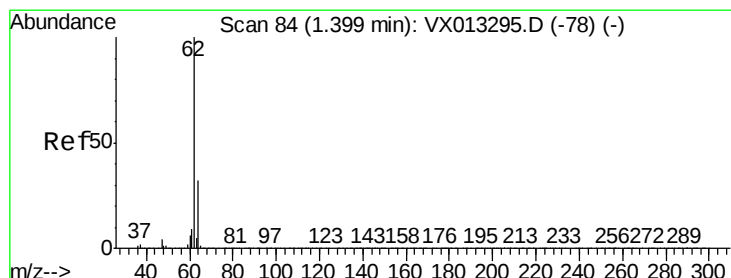
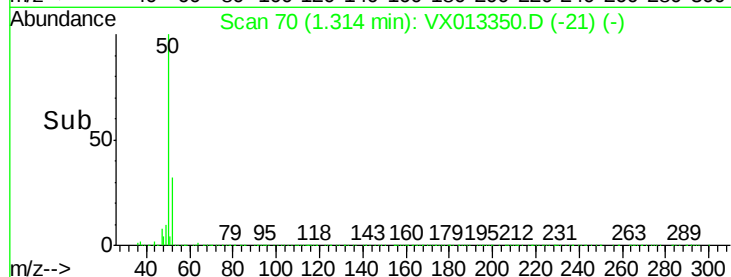
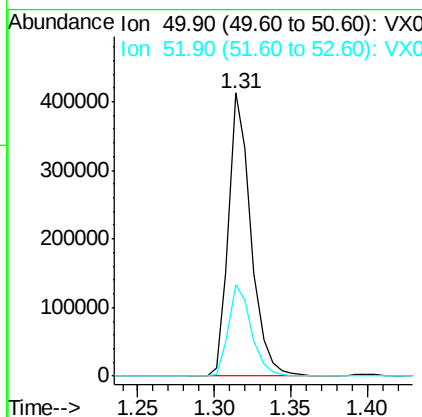
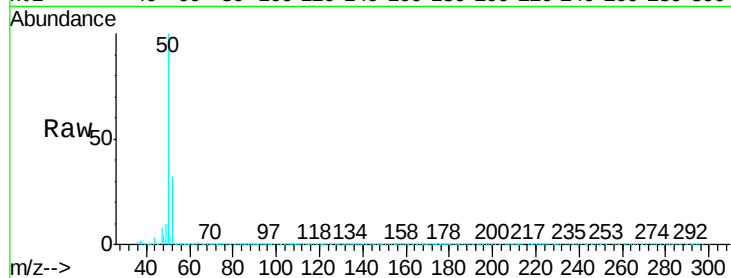
52 32.2 25.5 38.3

Manual Integrations

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11/8/2019 9:33:17 AM



#4

Vinyl Chloride

Concen: 43.511 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013350.D

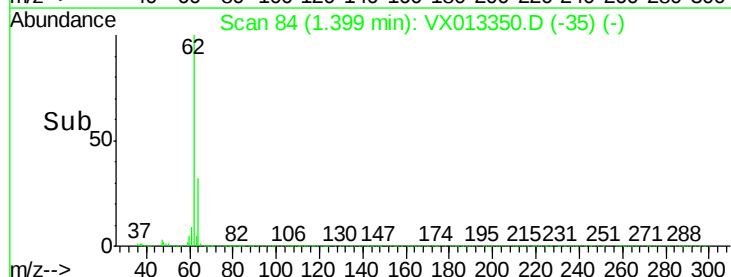
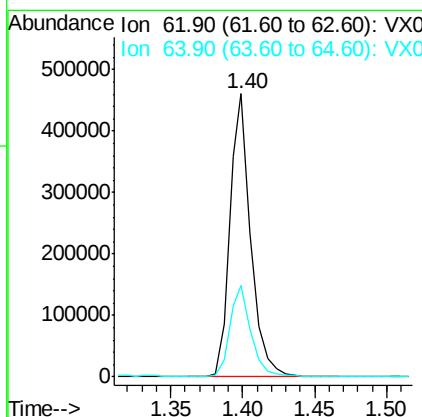
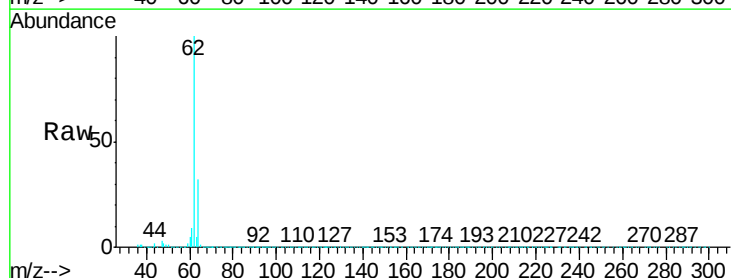
Acq: 07 Nov 2019 16:46

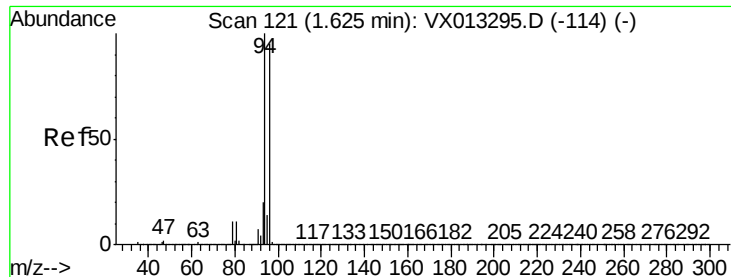
Tgt Ion: 62 Resp: 468255

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 39.939 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 299524

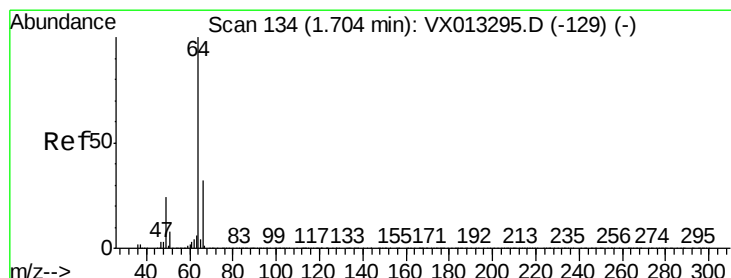
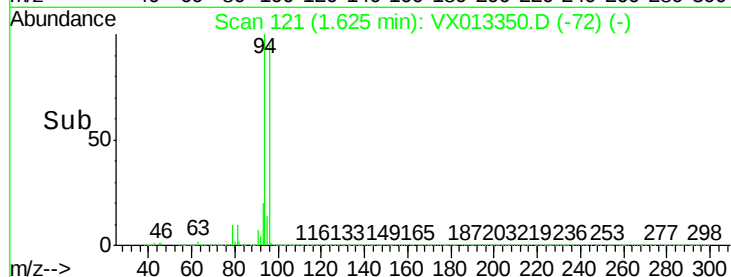
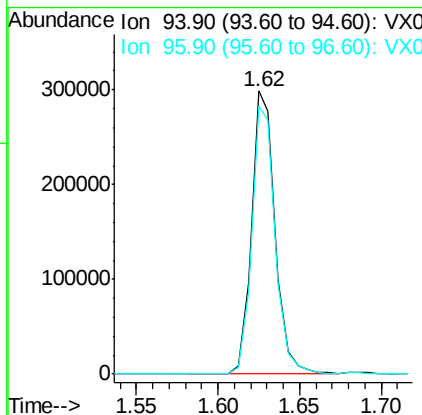
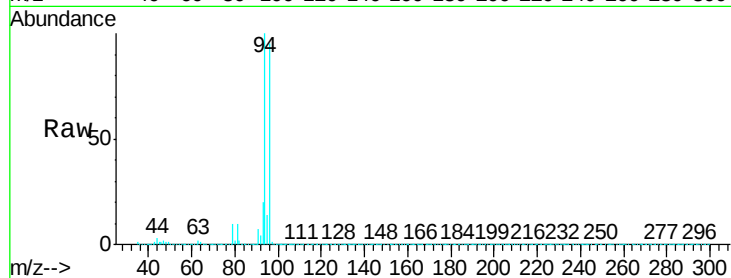
Ion Ratio Lower Upper

94 100

96 94.7 75.8 113.8

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11/8/2019 9:33:17 AM



#6

Chloroethane

Concen: 43.015 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013350.D

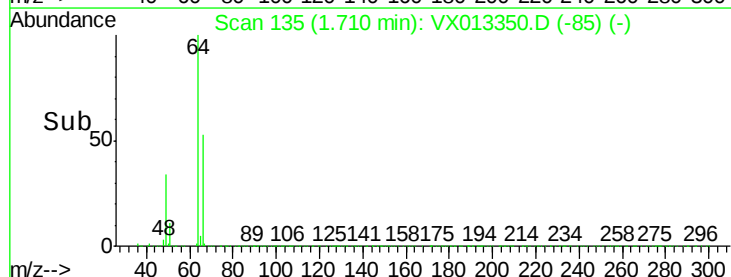
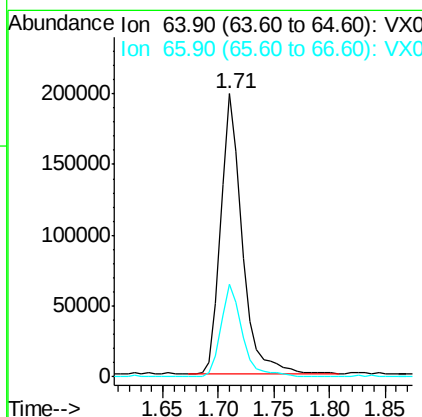
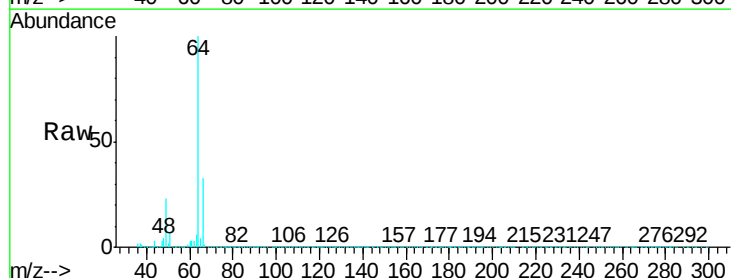
Acq: 07 Nov 2019 16:46

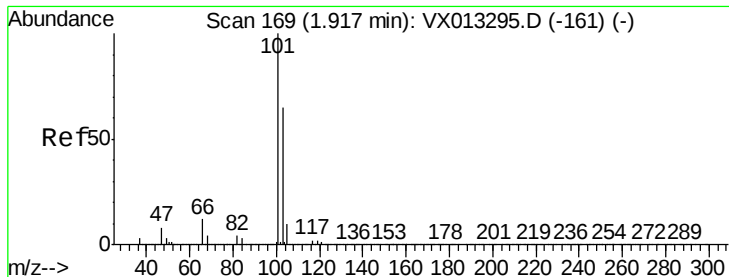
Tgt Ion: 64 Resp: 265647

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4





#7

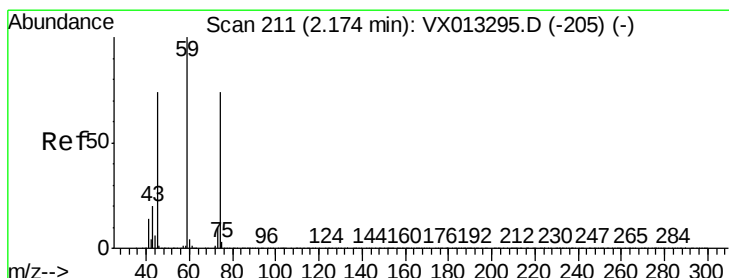
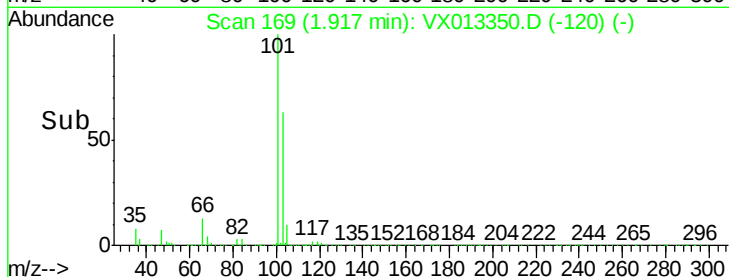
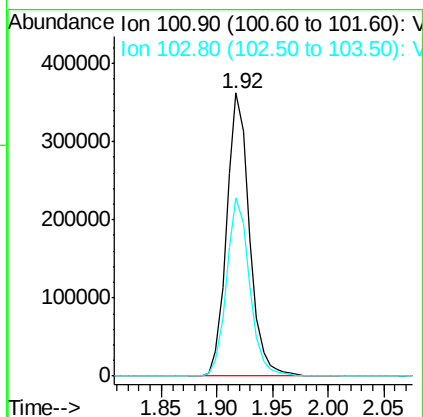
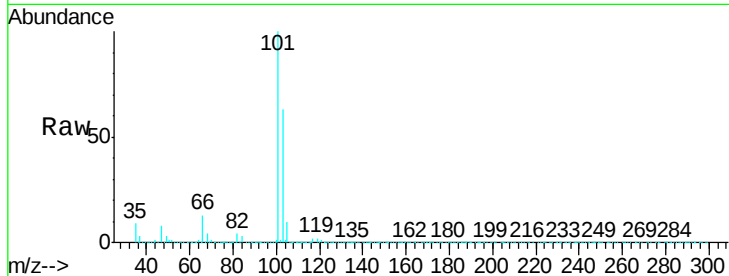
Trichlorofluoromethane
Concen: 40.216 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.3	78.5

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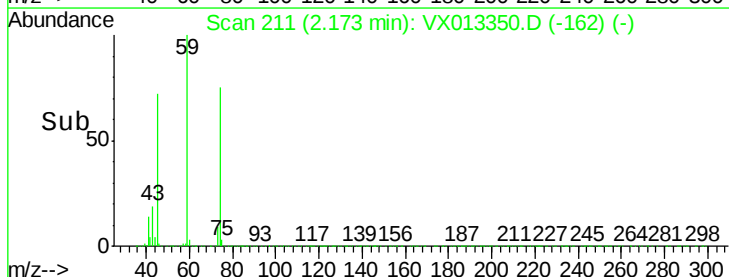
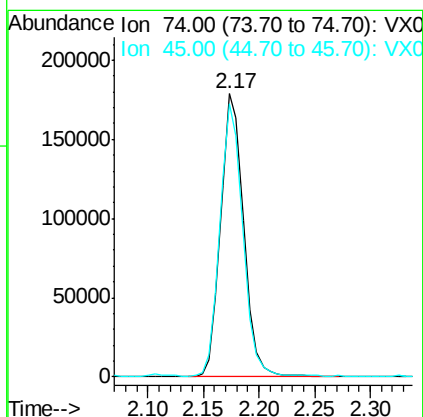
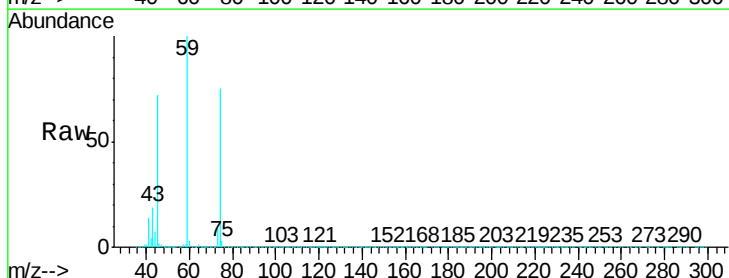
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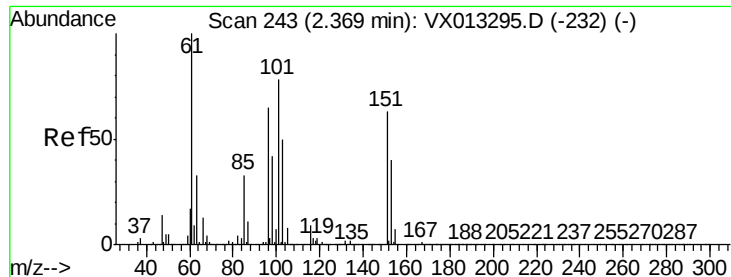


#8

Diethyl Ether
Concen: 45.339 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.066 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

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MSVOA_X

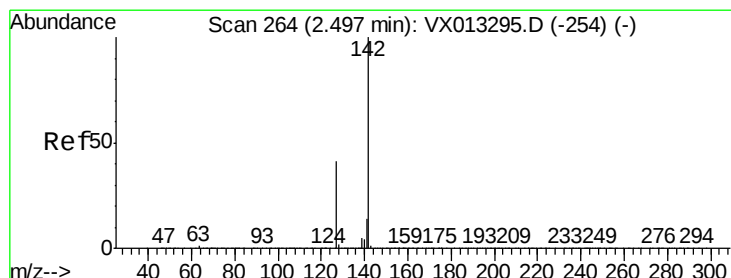
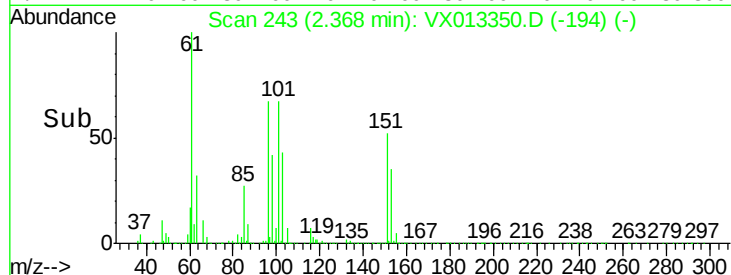
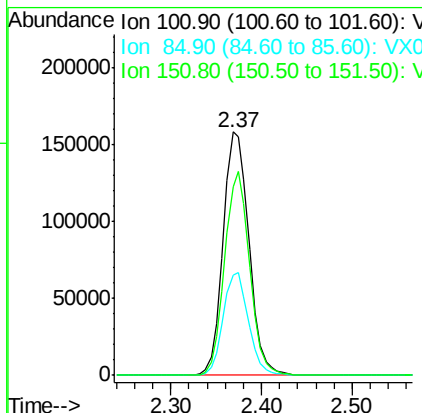
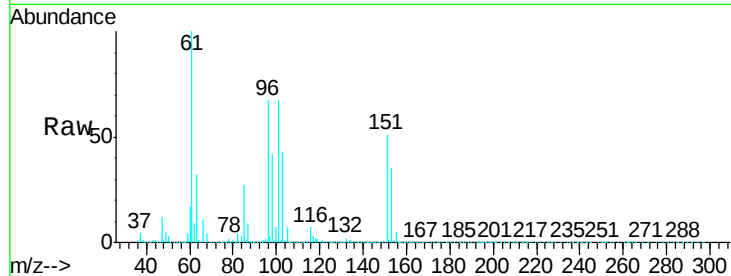
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	312274
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.4	51.6
151	81.1	66.4	99.6

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#10

Methyl Iodide

Concen: 45.297 ug/l

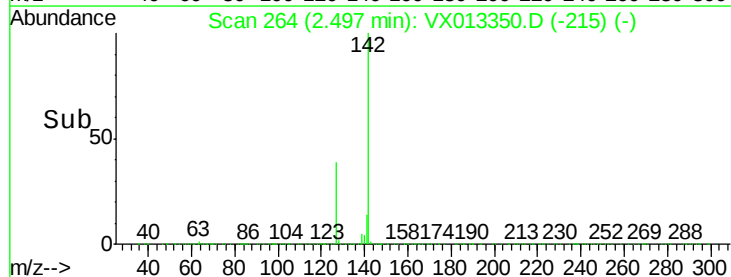
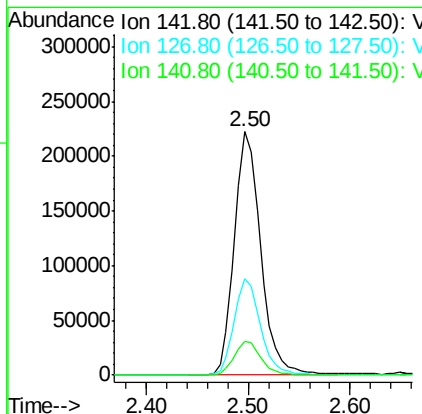
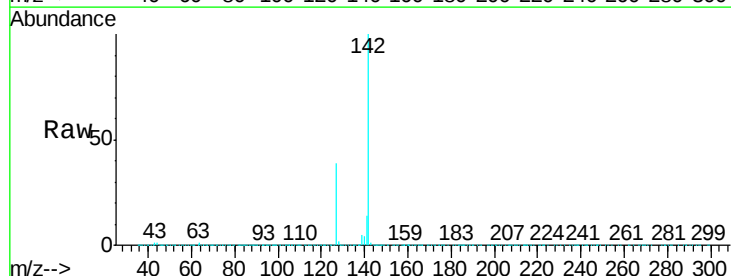
RT: 2.50 min Scan# 264

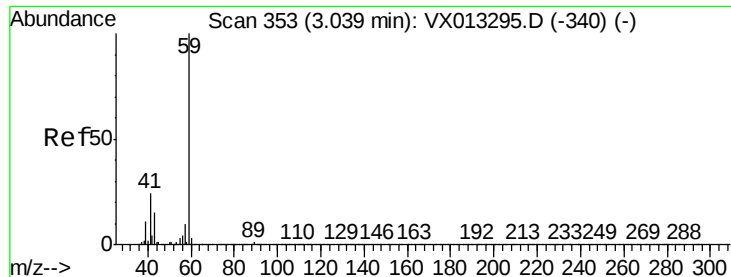
Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	142	Resp:	397421
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.6	49.0
141	13.9	11.6	17.4





#11

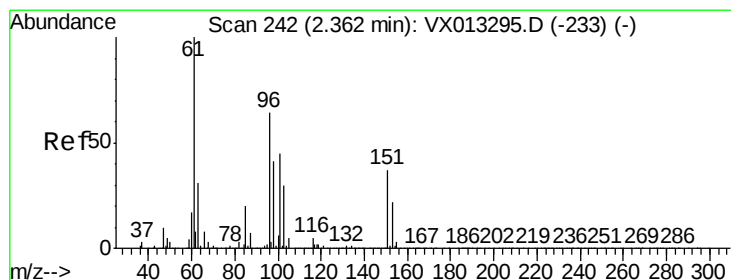
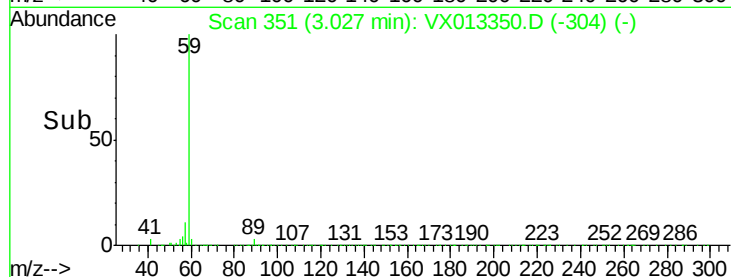
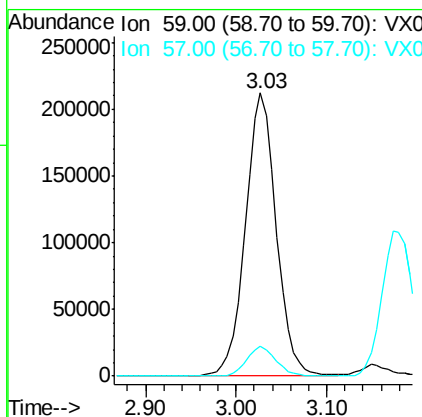
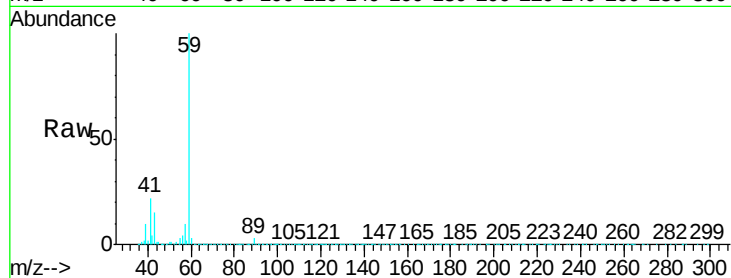
Tert butyl alcohol
Concen: 210.252 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	496685		
57	9.9	8.0	12.0	

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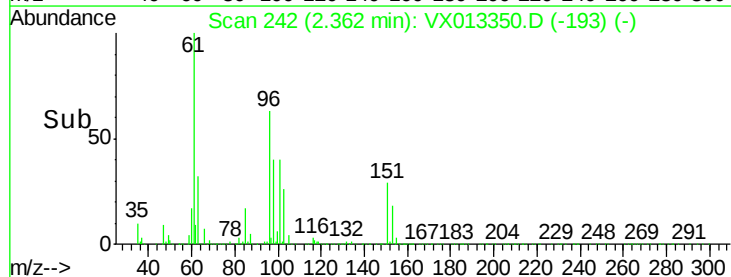
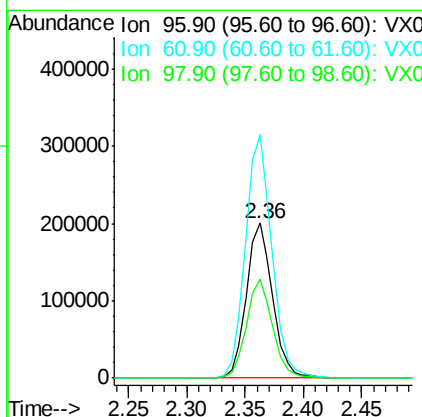
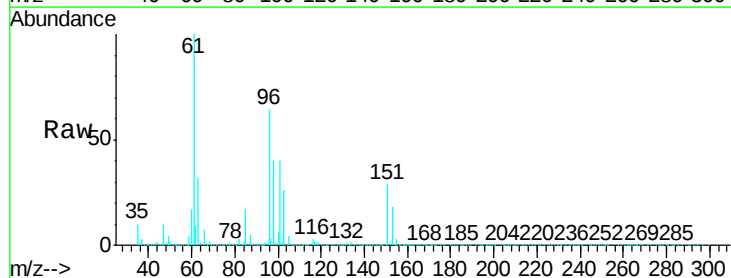
MMDadoda
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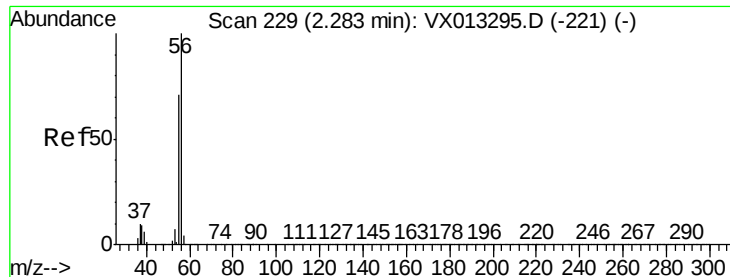


#12

1,1-Dichloroethene
Concen: 45.274 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	314185		
61	157.2	125.0	187.6	
98	63.5	50.7	76.1	





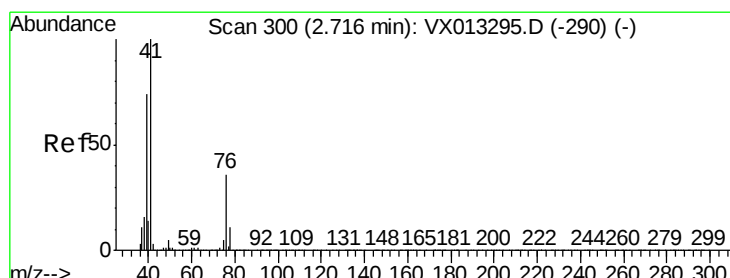
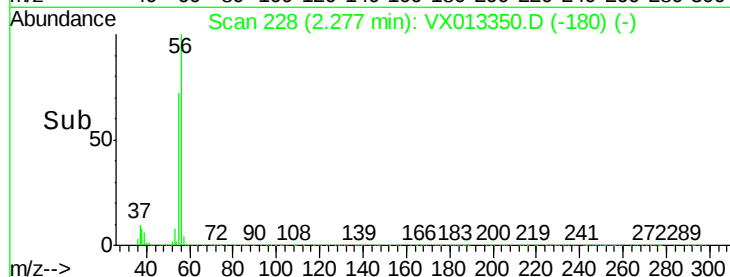
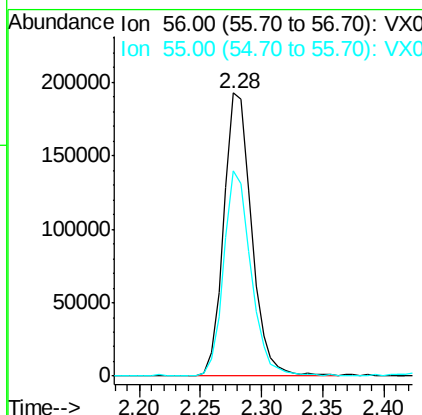
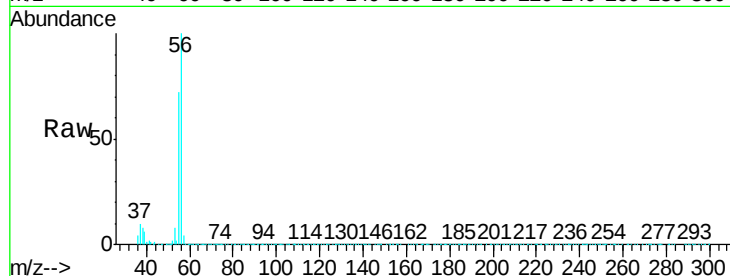
#13
Acrolein
Concen: 235.961 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.4	86.0

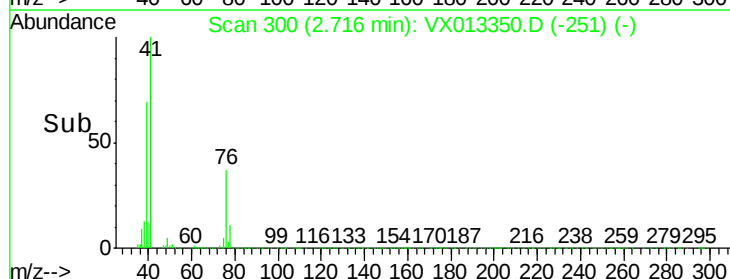
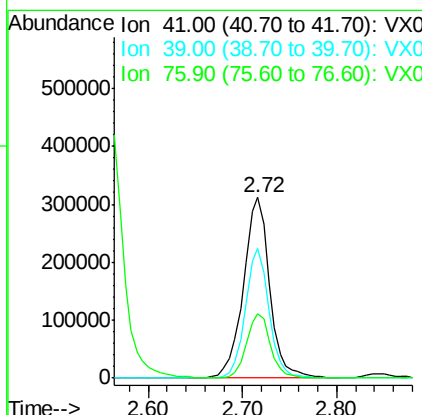
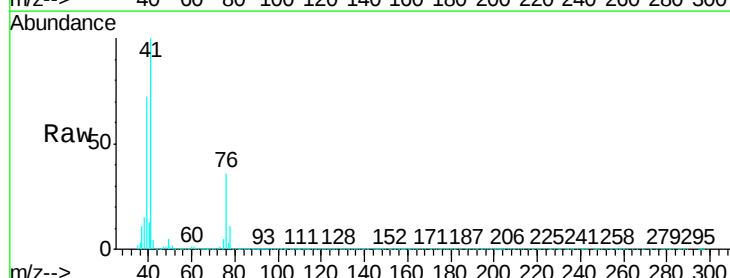
Manual Integrations
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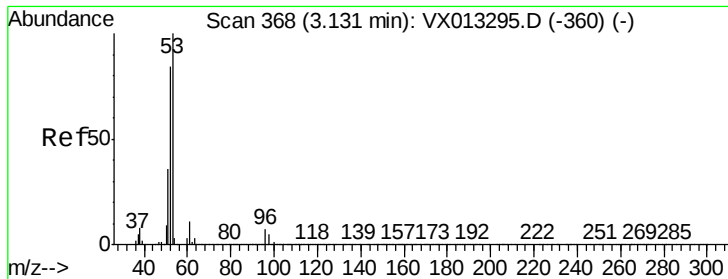
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#14
Allyl chloride
Concen: 48.088 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.0	55.8	83.8
76	32.5	26.4	39.6





#15

Acrylonitrile

Concen: 243.295 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

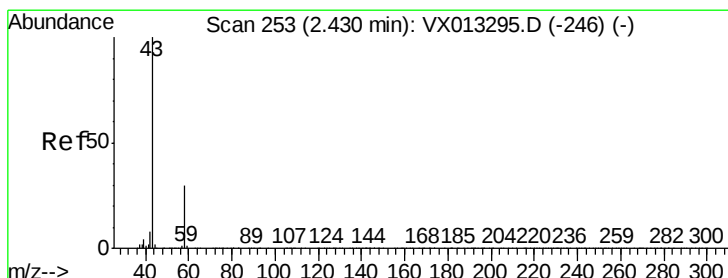
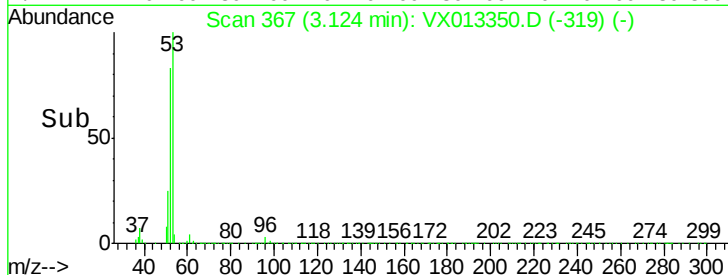
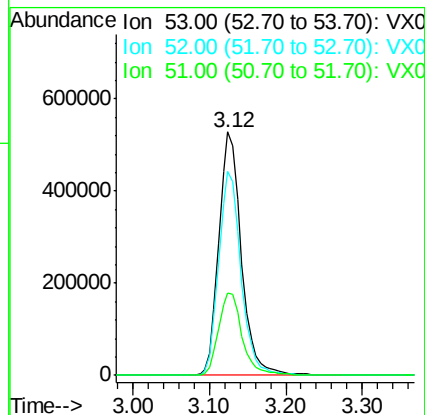
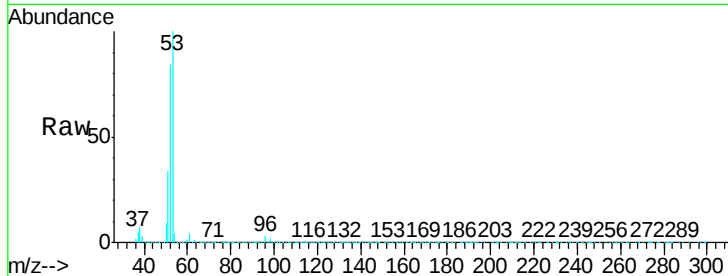
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	1073597
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.0
51	35.5	29.4	44.2

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#16

Acetone

Concen: 238.071 ug/l

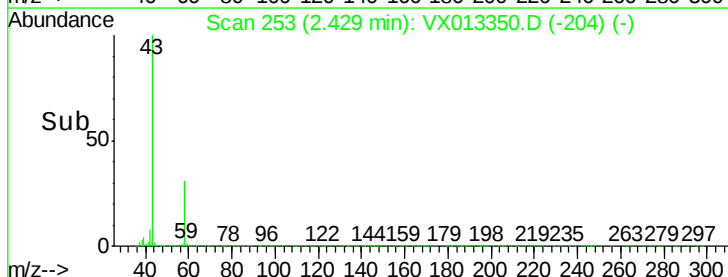
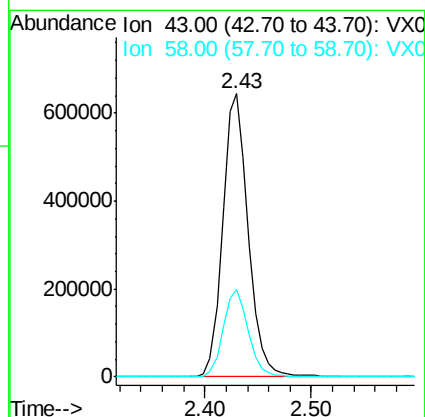
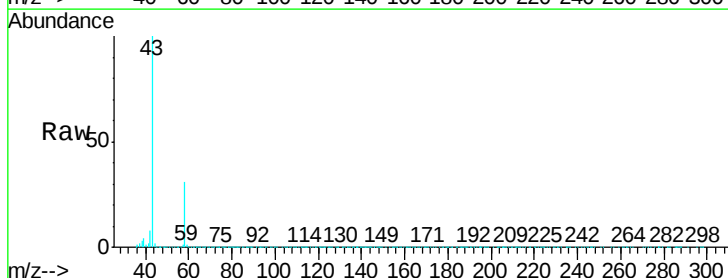
RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	43	Resp:	1064300
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.3	36.5





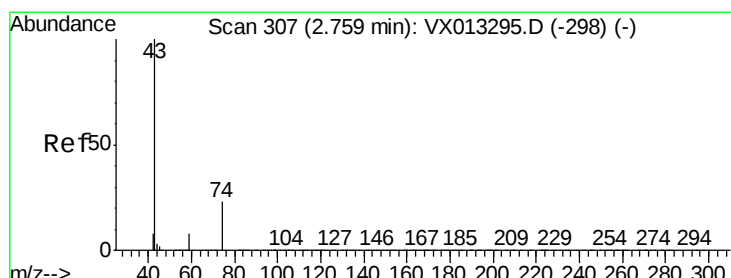
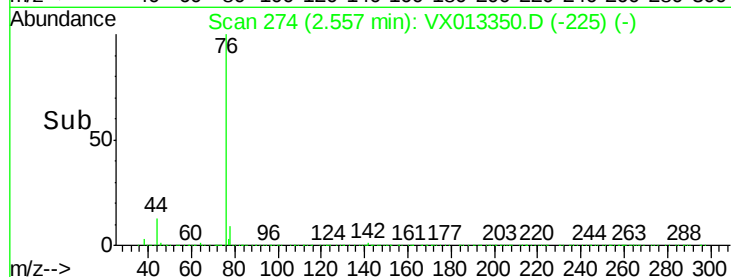
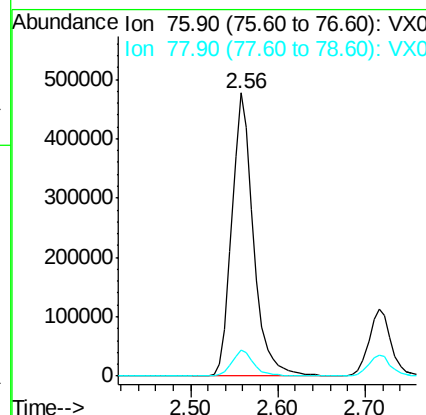
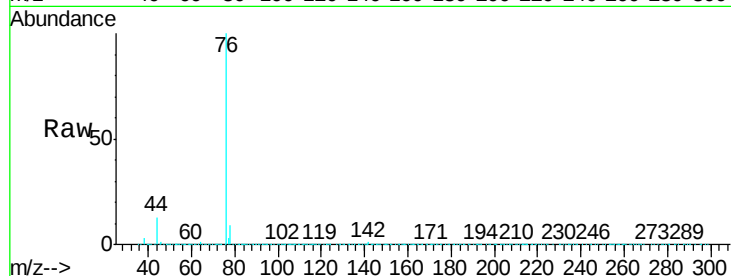
#17
Carbon Disulfide
Concen: 44.272 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 822328
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

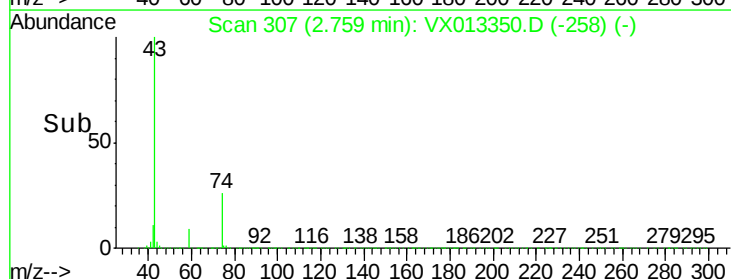
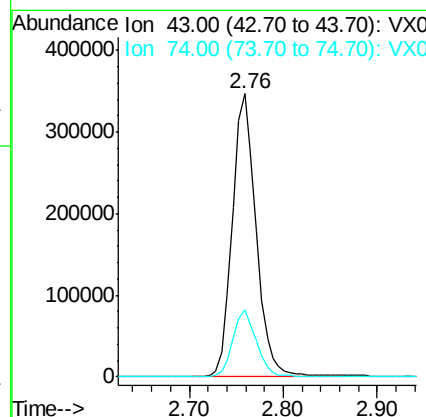
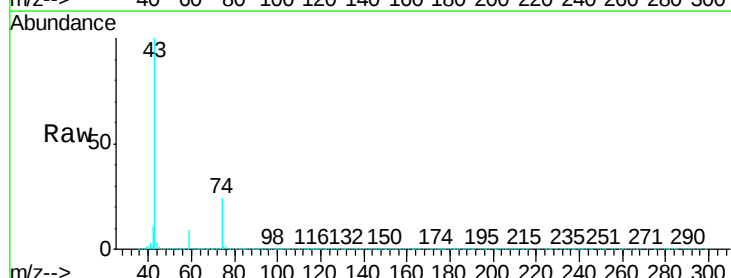
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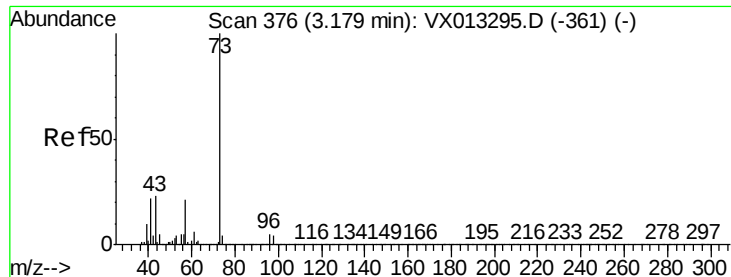
MMDadoda
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#18
Methyl Acetate
Concen: 49.223 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion: 43 Resp: 607518
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6





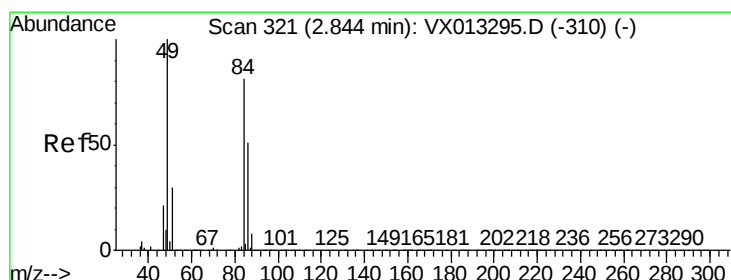
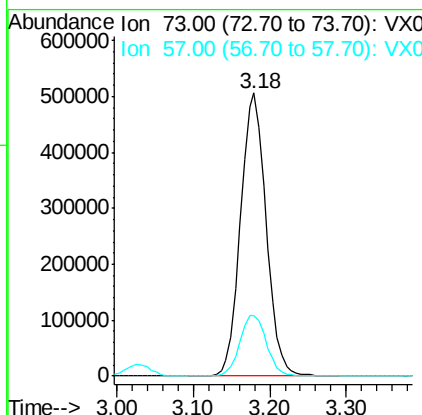
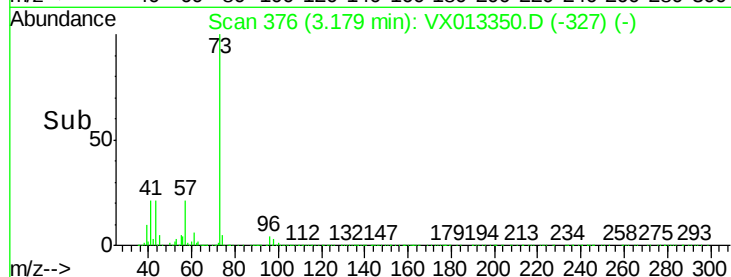
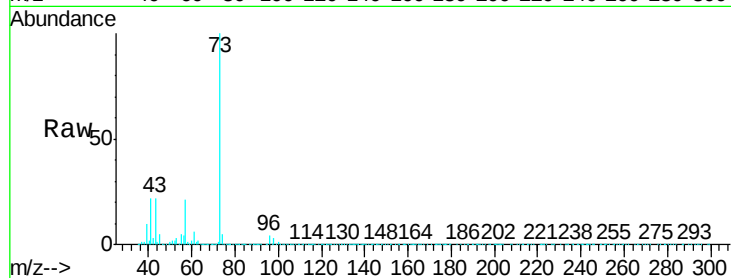
#19
Methyl tert-butyl Ether
Concen: 50.682 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1173085
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7

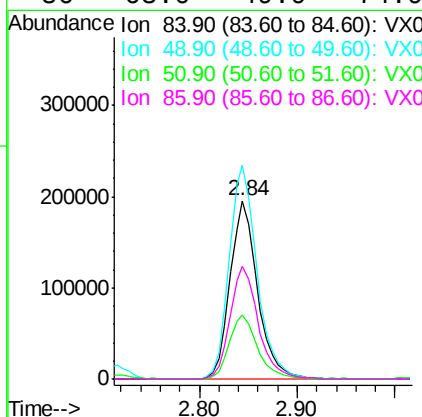
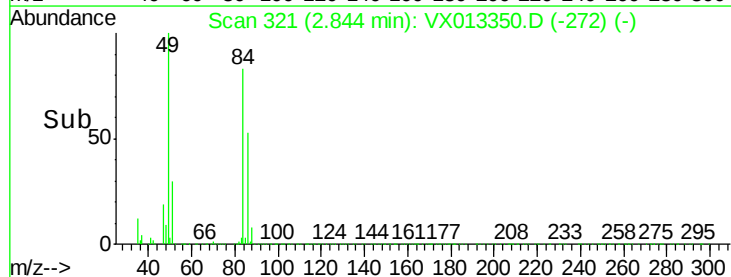
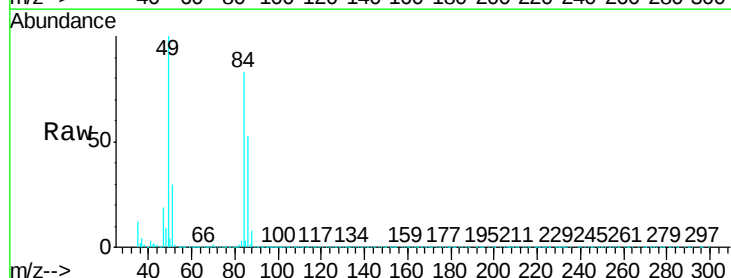
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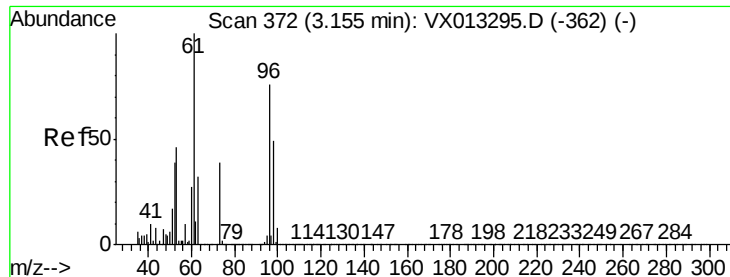
MMDadoda
11/8/2019 9:33:17 AM



#20
Methylene Chloride
Concen: 45.939 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion: 84 Resp: 379446
Ion Ratio Lower Upper
84 100
49 119.9 98.2 147.4
51 35.9 29.9 44.9
86 63.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 45.547 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

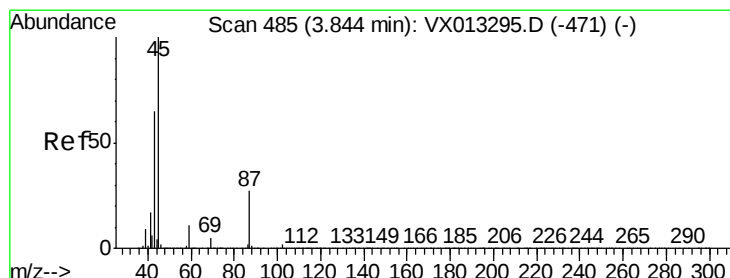
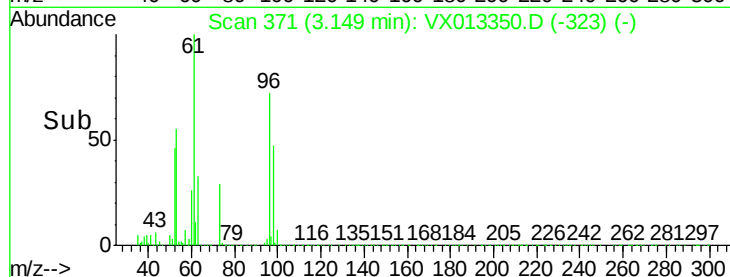
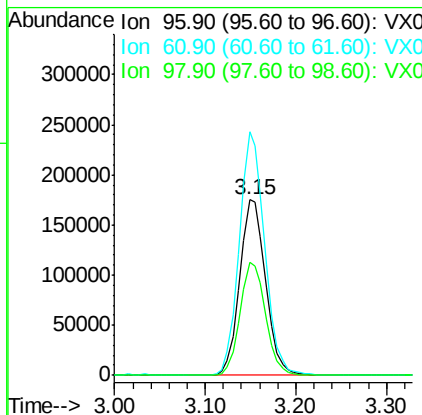
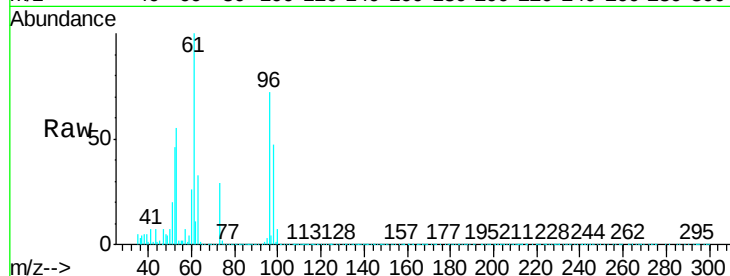
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	344154
Ion	Ratio	Lower	Upper
96	100		
61	138.7	105.8	158.6
98	64.5	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.993 ug/l

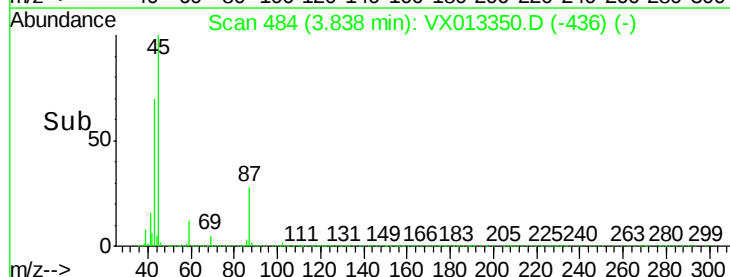
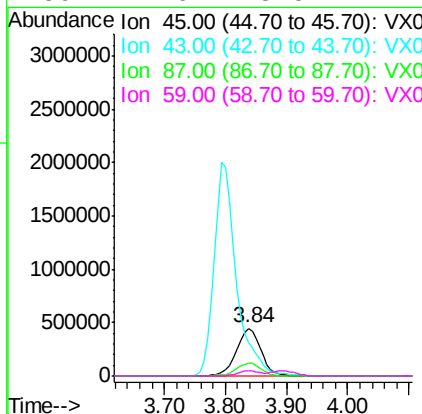
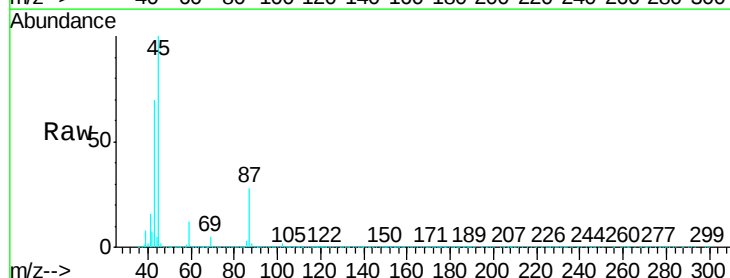
RT: 3.84 min Scan# 484

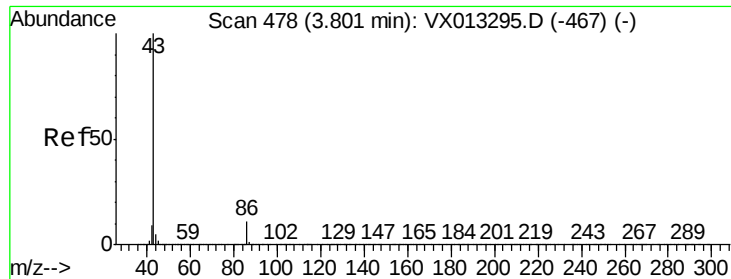
Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	45	Resp:	1216999
Ion	Ratio	Lower	Upper
45	100		
43	70.2	54.2	81.2
87	27.5	21.8	32.8
59	11.6	8.5	12.7





#23

Vinyl Acetate

Concen: 248.464 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 5175604

Ion Ratio Lower Upper

43 100

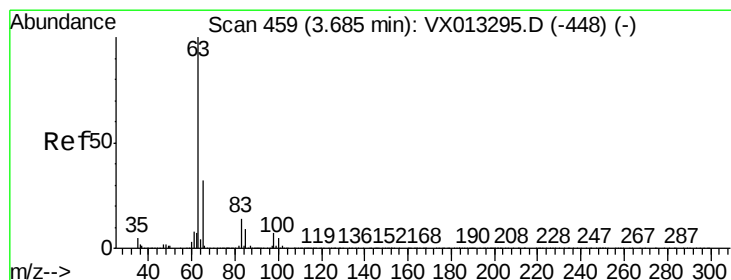
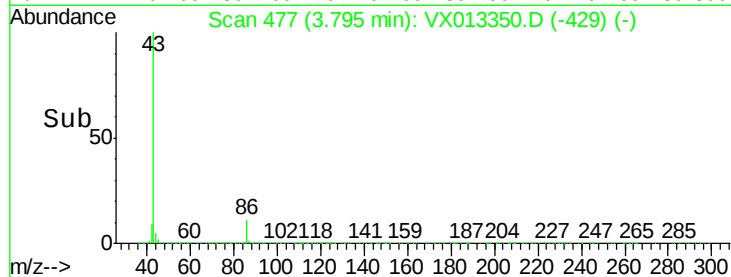
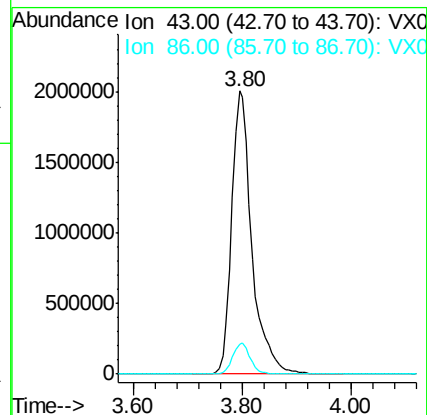
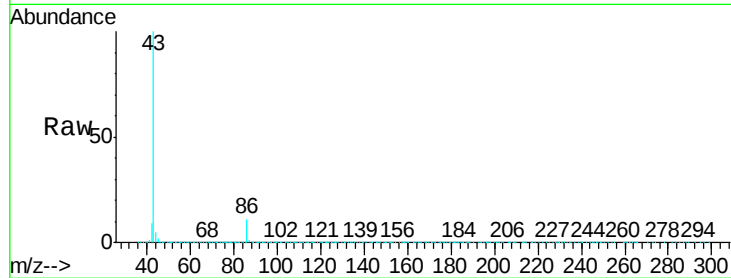
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.278 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

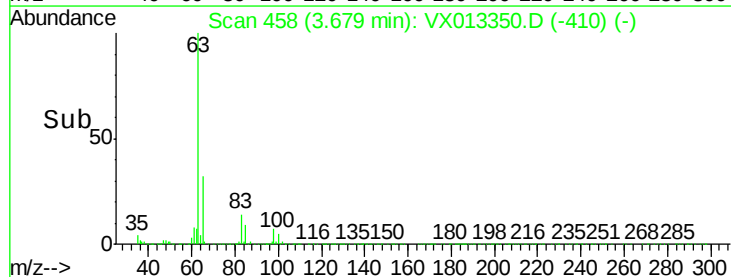
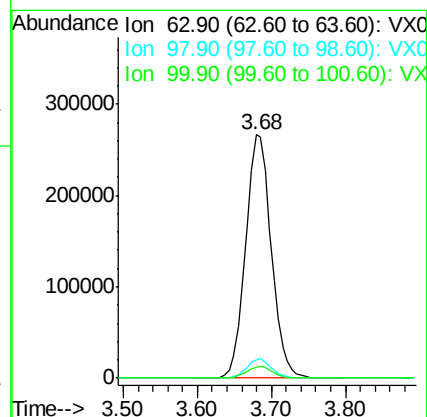
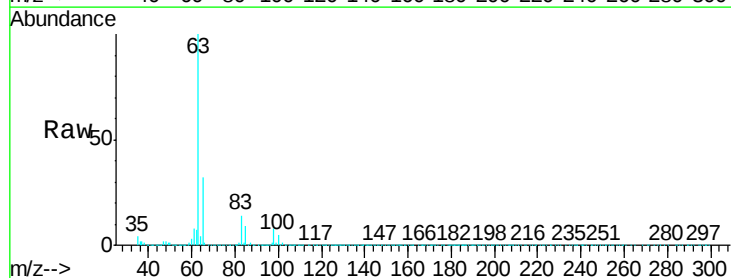
Tgt Ion: 63 Resp: 643818

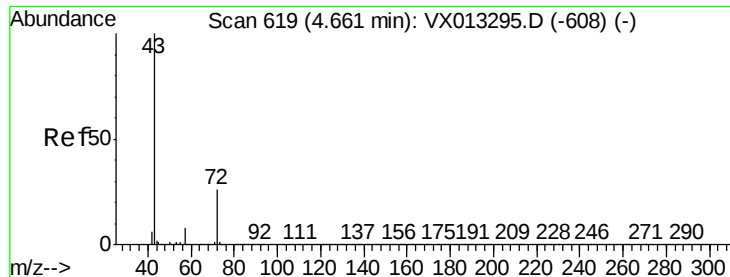
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 239.968 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1573790

Ion Ratio Lower Upper

43 100

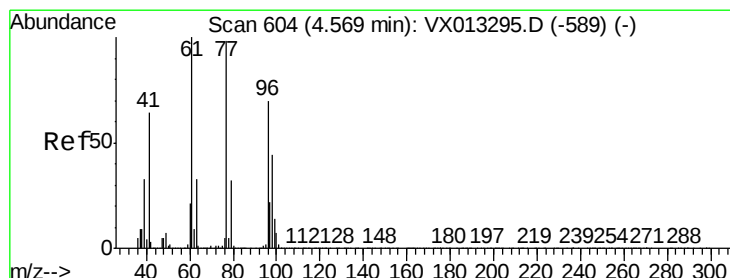
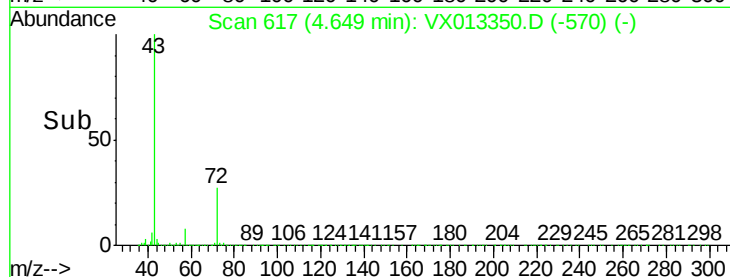
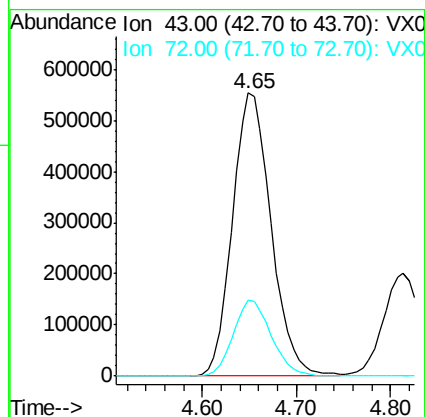
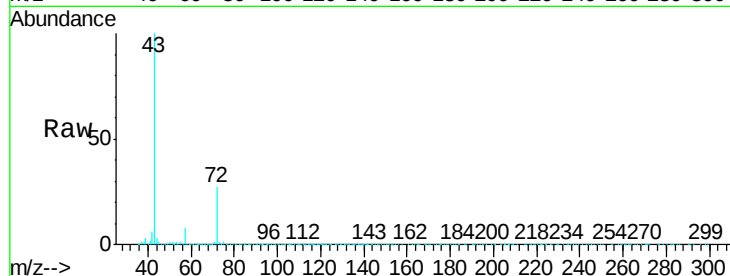
72 26.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.047 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013350.D

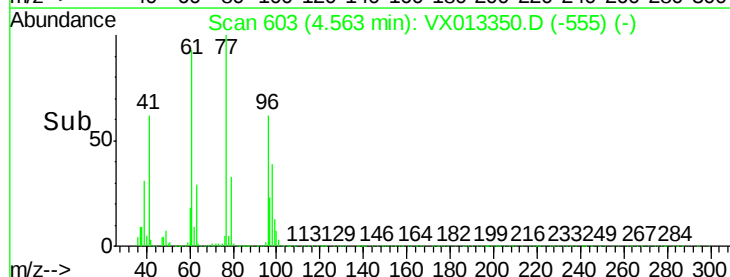
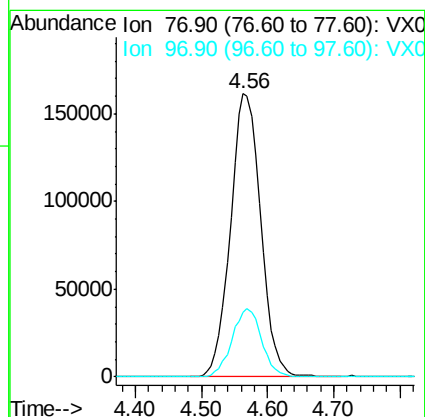
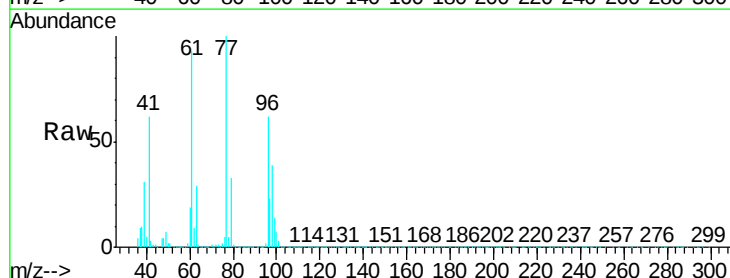
Acq: 07 Nov 2019 16:46

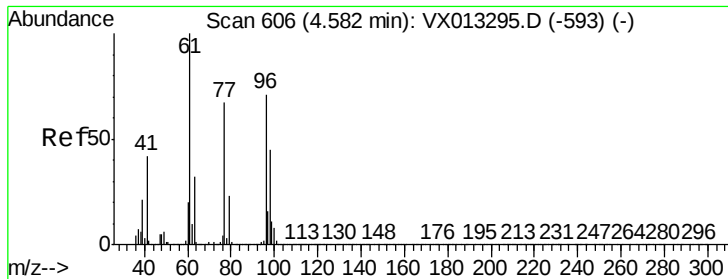
Tgt Ion: 77 Resp: 509673

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

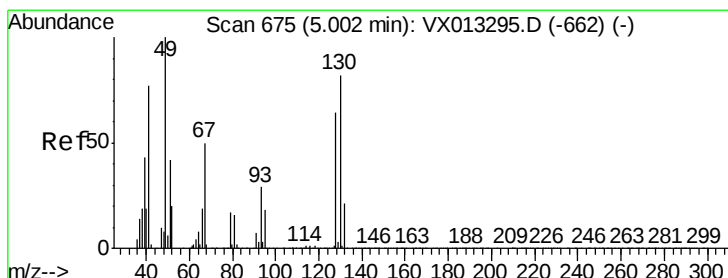
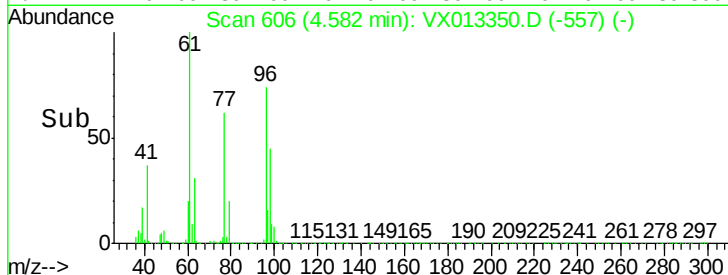
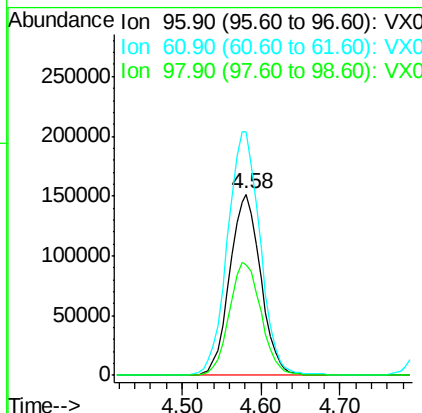
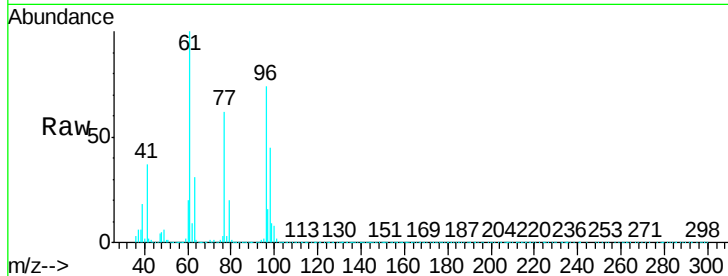
cis-1,2-Dichloroethene
Concen: 48.822 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	413243		
61	141.9	0.0	288.0	
98	63.8	0.0	129.6	

Manual Integrations
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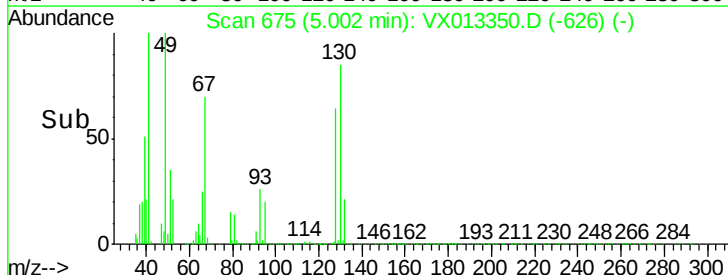
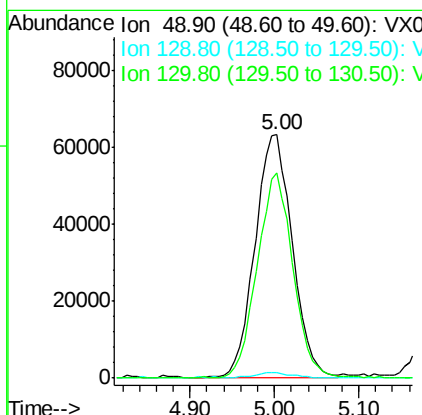
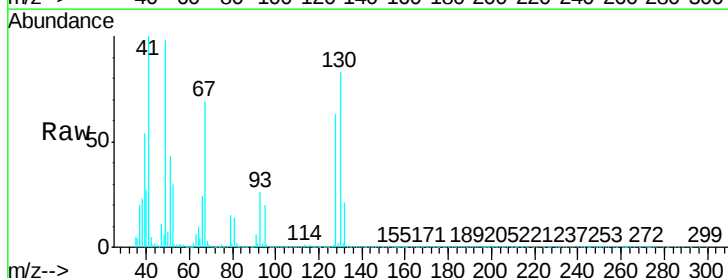
MMDadoda
11/8/2019 9:33:17 AM

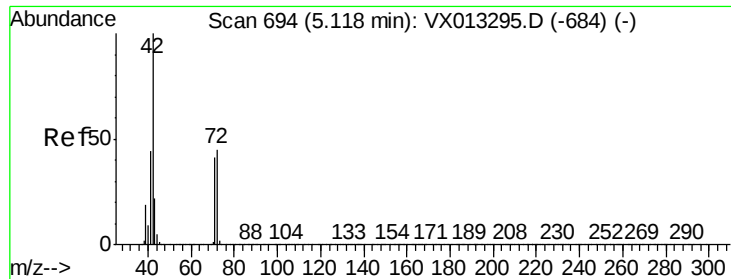


#28

Bromochloromethane
Concen: 49.437 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	191150		
129	2.3	0.0	5.2	
130	80.6	63.8	95.6	





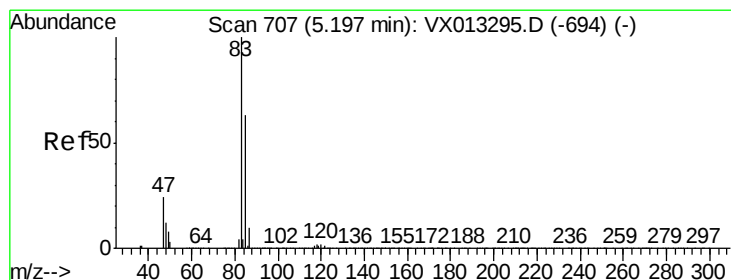
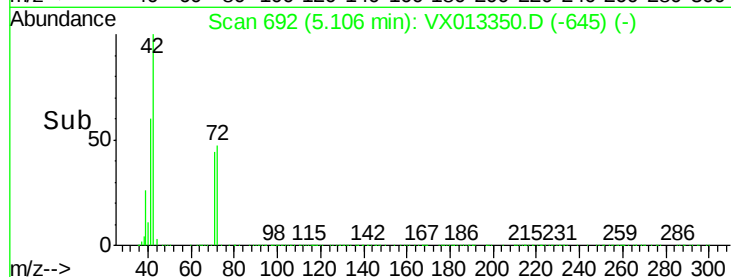
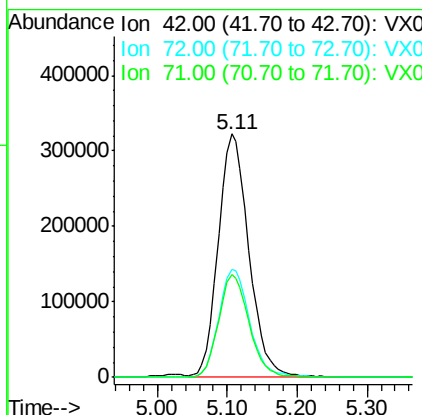
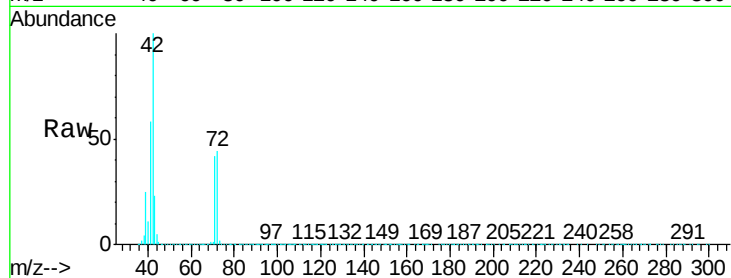
#29
Tetrahydrofuran
Concen: 240.340 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.8	53.8
71	42.0	33.4	50.0

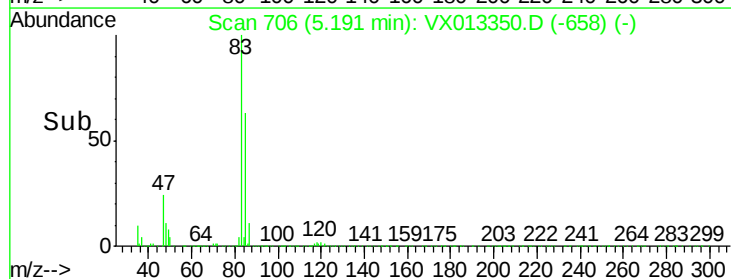
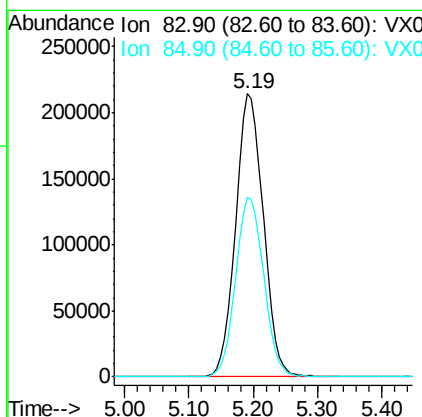
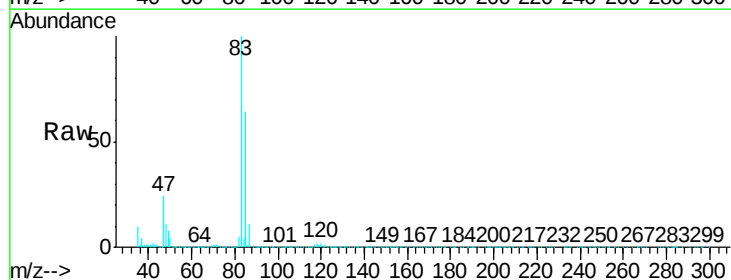
Manual Integrations
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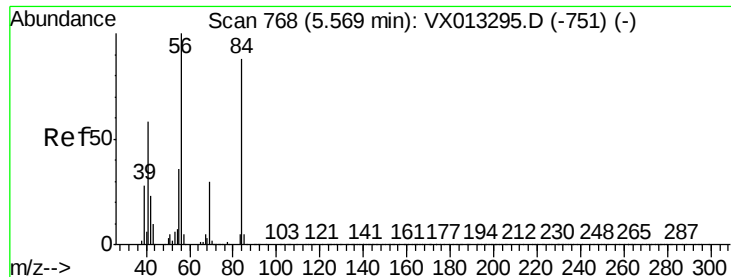
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11/8/2019 9:33:17 AM



#30
Chloroform
Concen: 47.663 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.2	75.4





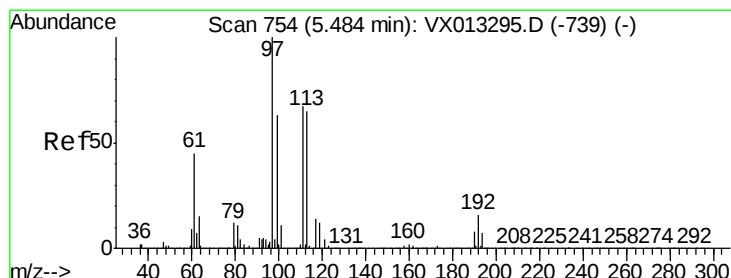
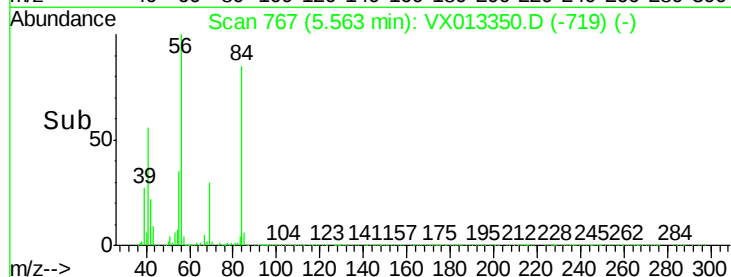
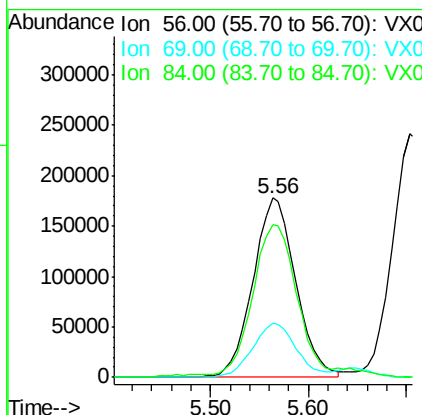
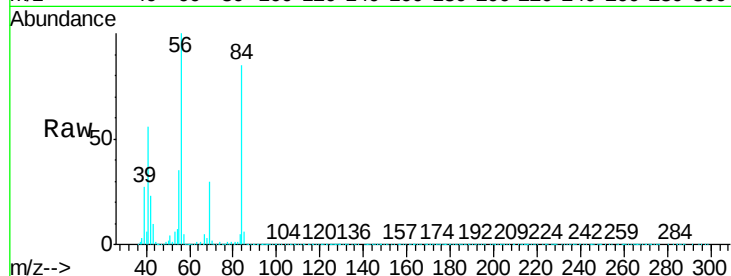
#31
Cyclohexane
Concen: 43.899 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.7	35.5
84	84.3	70.6	105.8

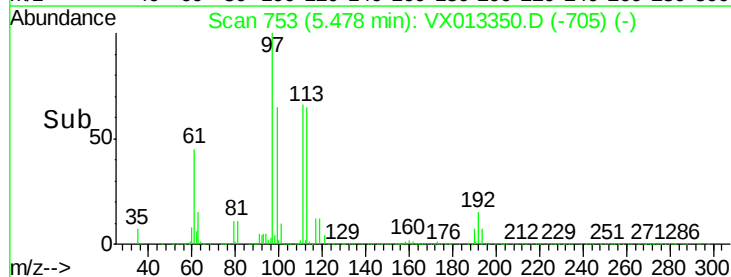
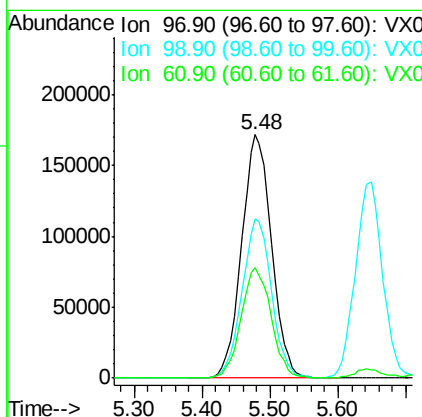
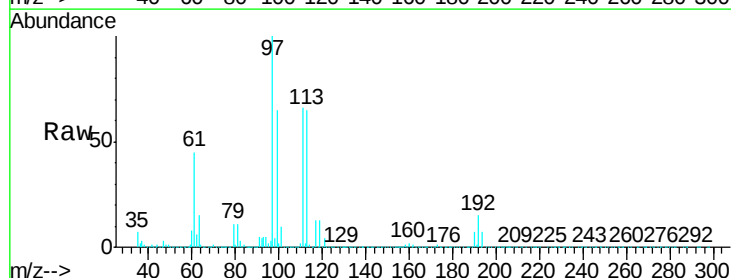
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 45.317 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	45.1	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 45.049 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 403767

Ion Ratio Lower Upper

65 100

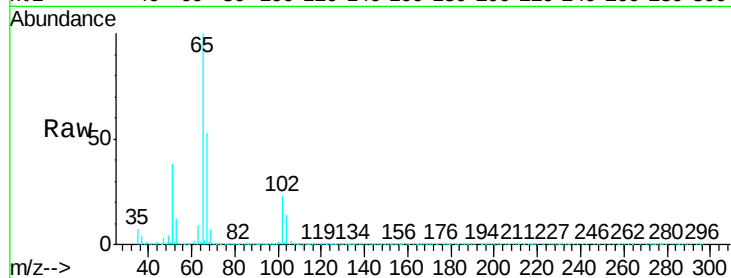
67 52.7 0.0 104.2

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

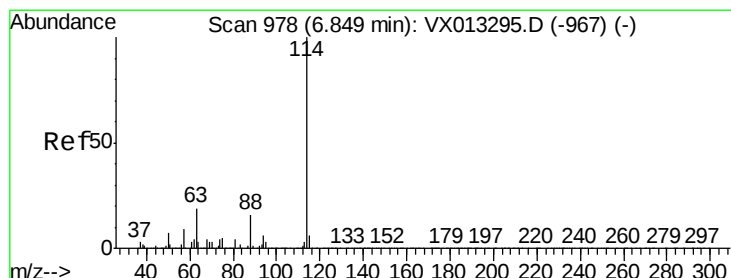
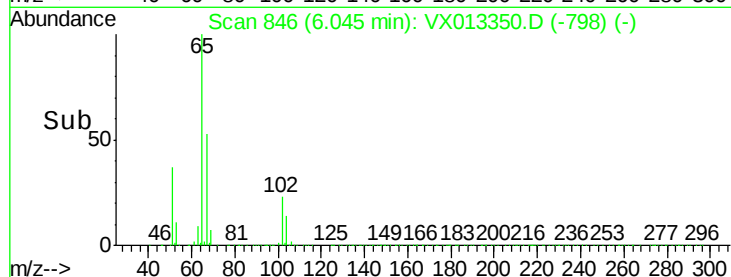
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

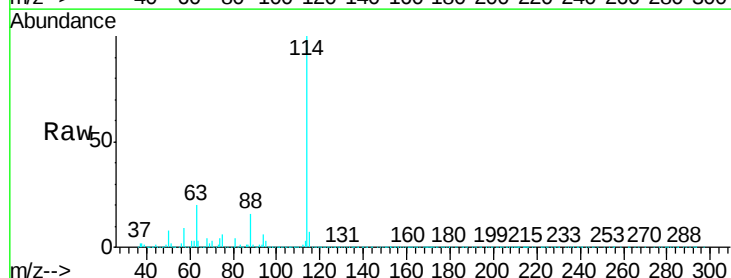
Tgt Ion: 114 Resp: 1169824

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.6 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

600000

500000

400000

300000

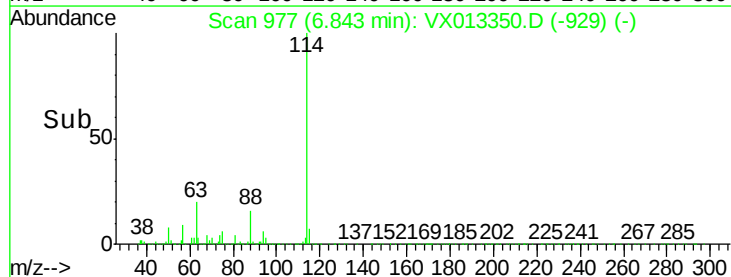
200000

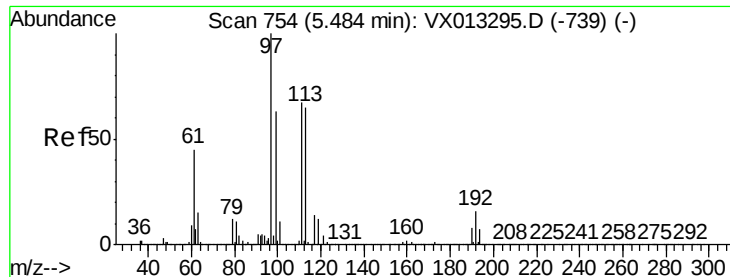
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 44.695 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

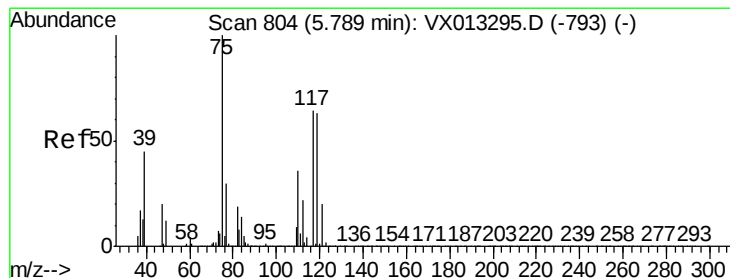
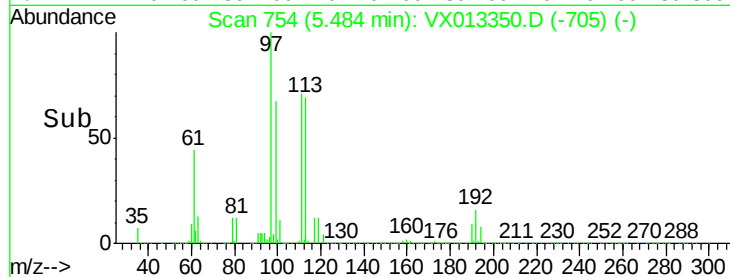
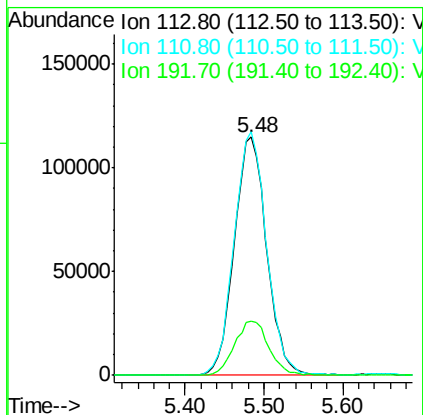
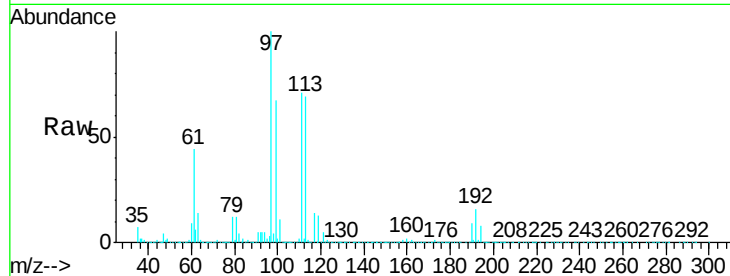
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	327940
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.9	122.9
192	24.0	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 45.720 ug/l

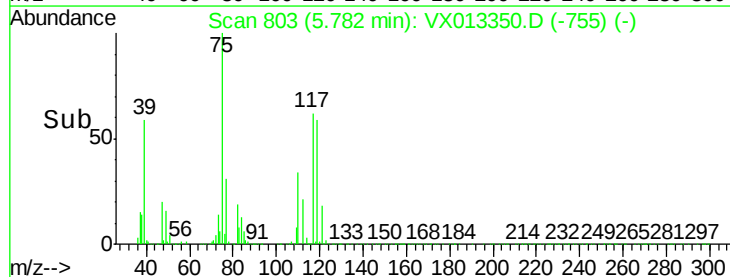
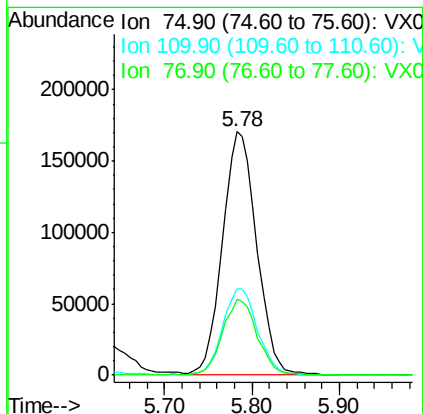
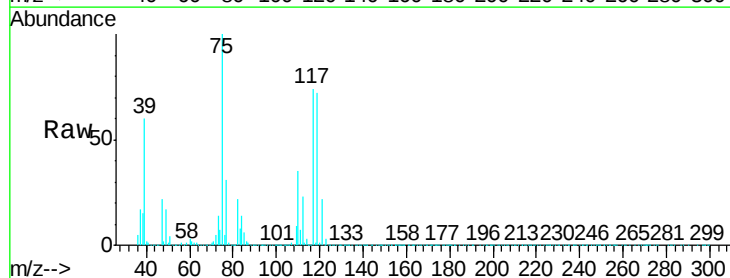
RT: 5.78 min Scan# 803

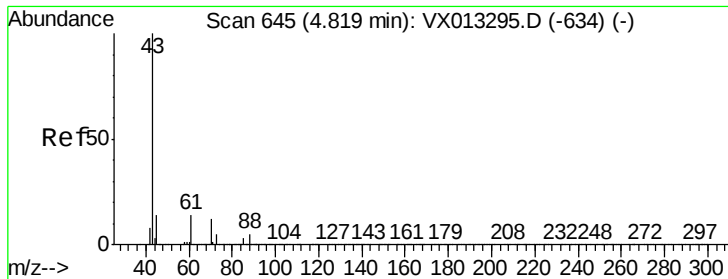
Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	75	Resp:	458834
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.1	54.1
77	31.4	25.0	37.4





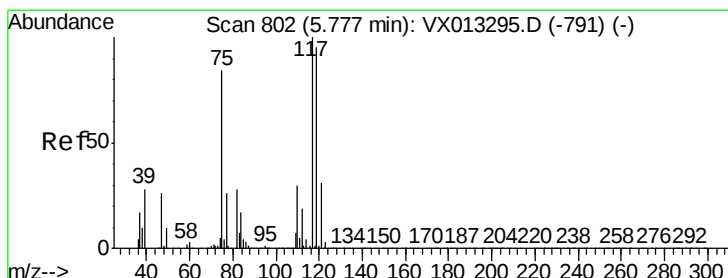
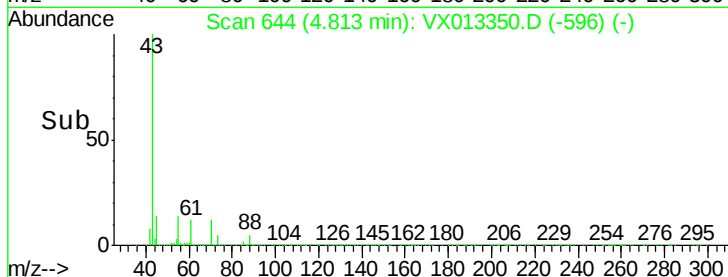
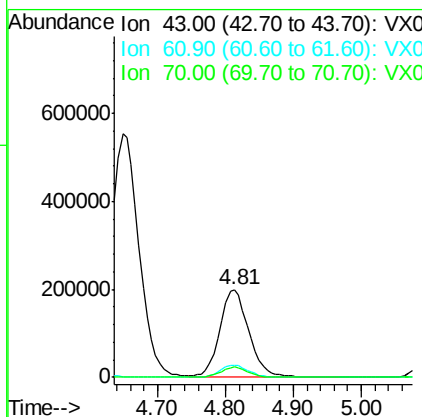
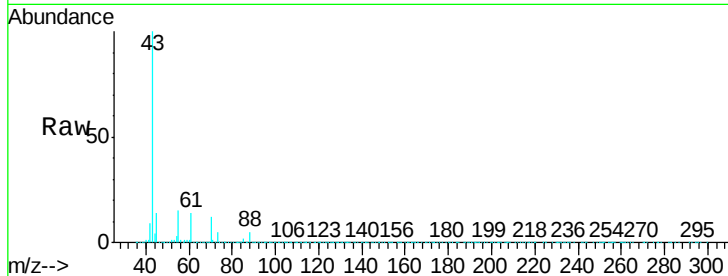
#37
Ethyl Acetate
Concen: 47.421 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.9	8.7	13.1

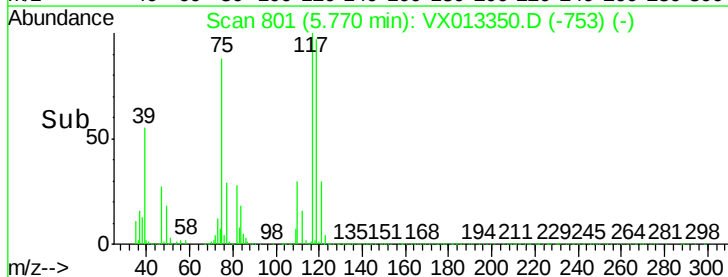
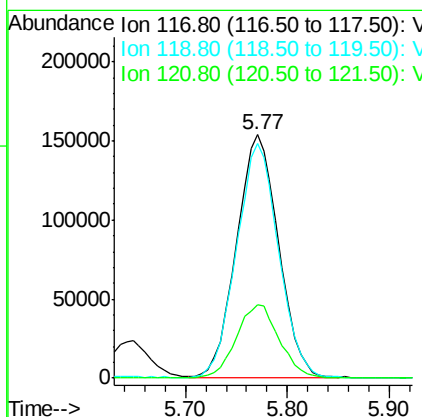
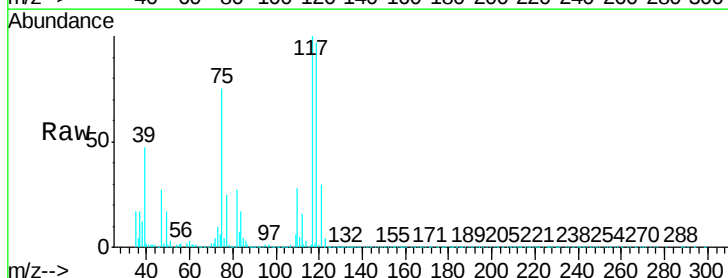
Manual Integrations
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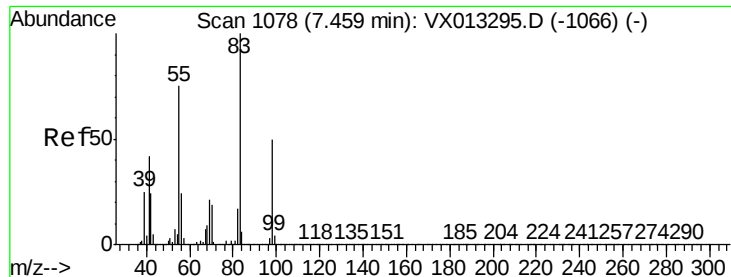
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#38
Carbon Tetrachloride
Concen: 44.742 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	30.2	24.6	37.0





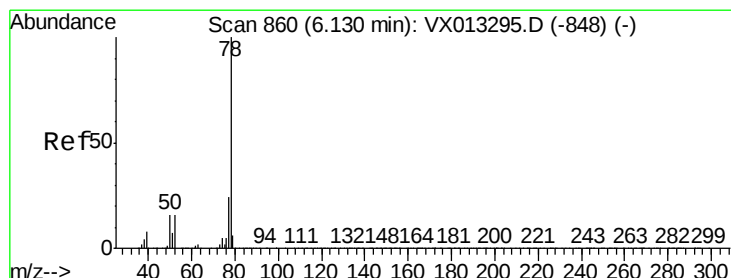
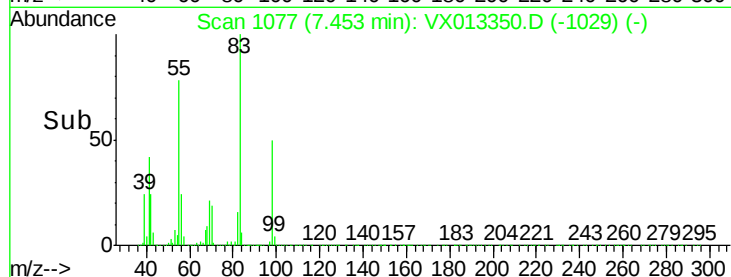
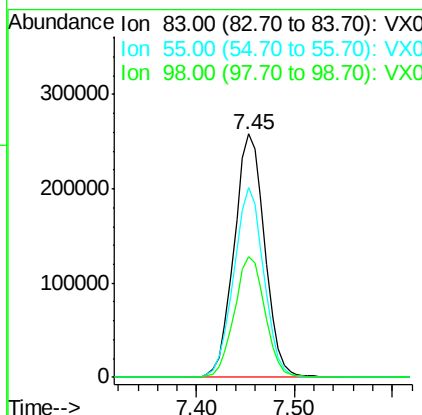
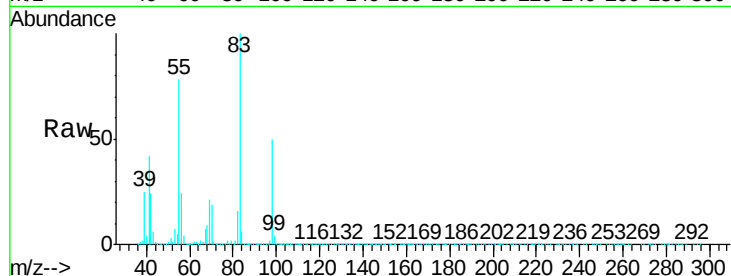
#39
Methylcyclohexane
Concen: 44.712 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.3	90.5
98	49.7	40.3	60.5

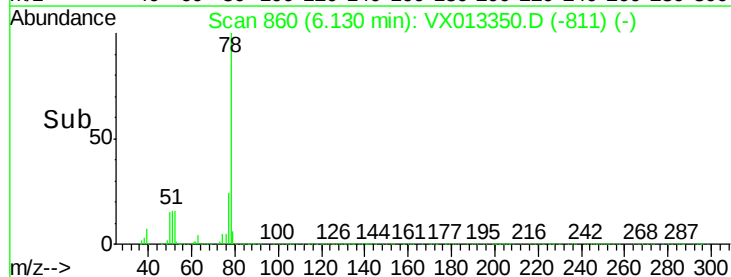
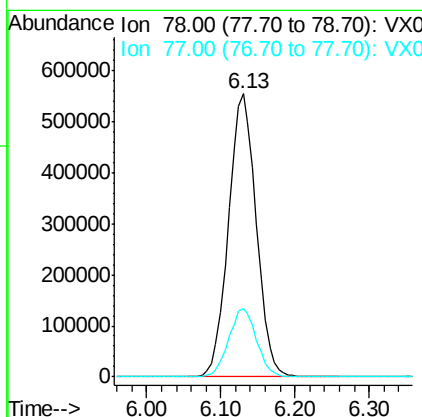
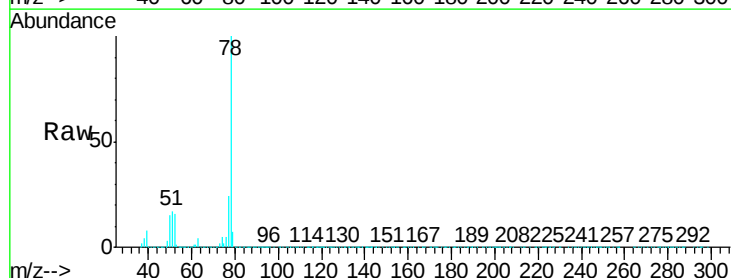
Manual Integrations
APPROVED

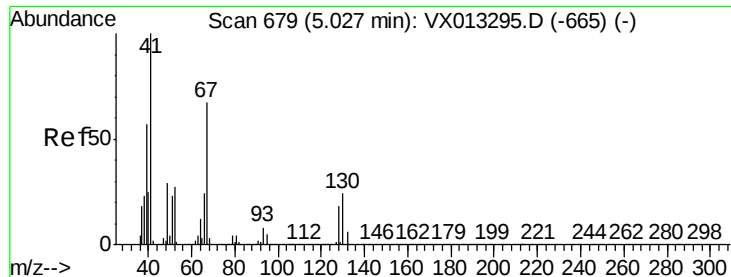
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#40
Benzene
Concen: 46.332 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





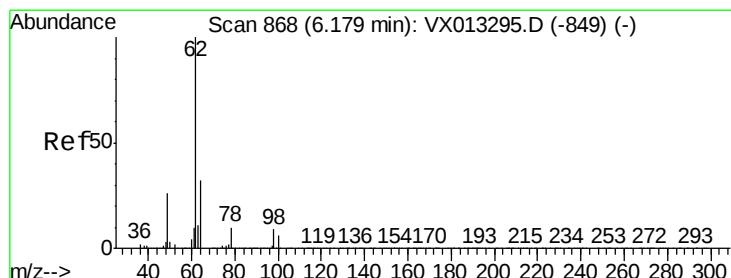
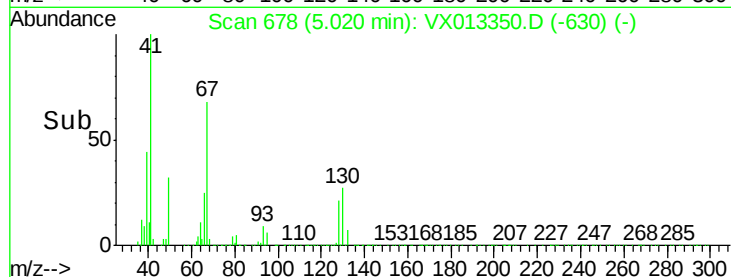
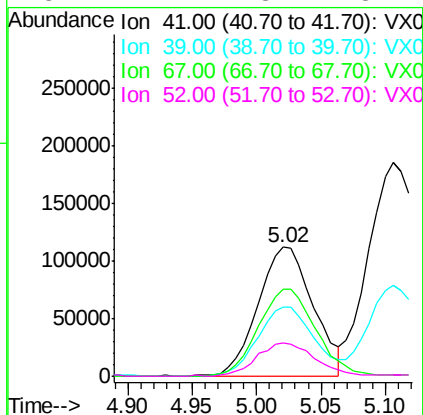
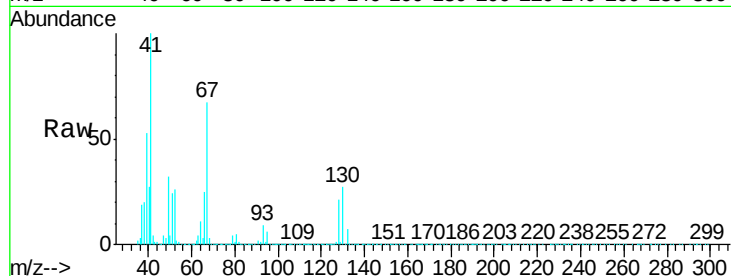
#41
Methacrylonitrile
Concen: 47.670 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.0	67.6
67	70.4	55.4	83.2
52	27.1	23.1	34.7

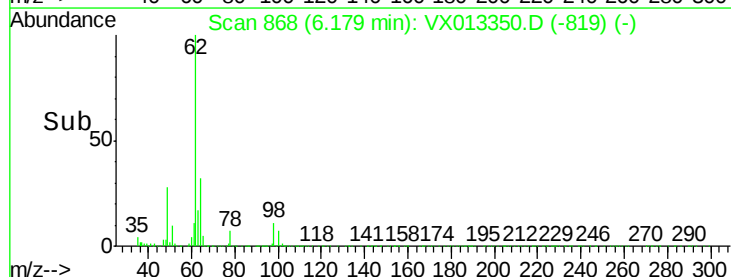
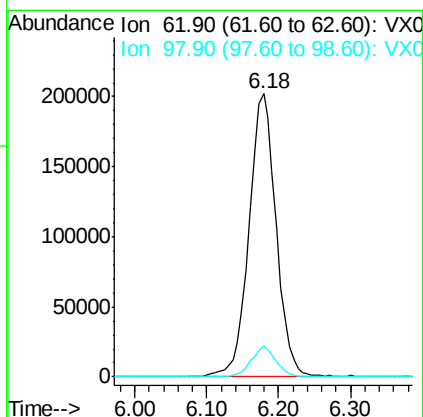
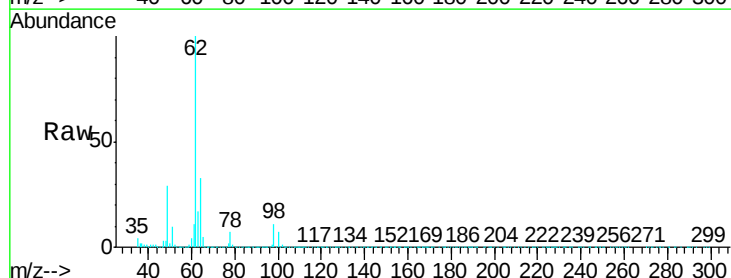
Manual Integrations
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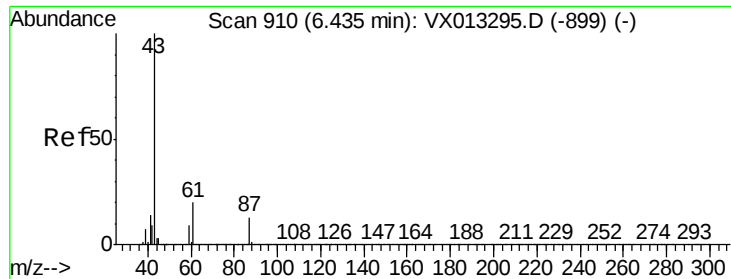
MMDadoda
11/8/2019 9:33:17 AM



#42
1,2-Dichloroethane
Concen: 46.680 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 48.951 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

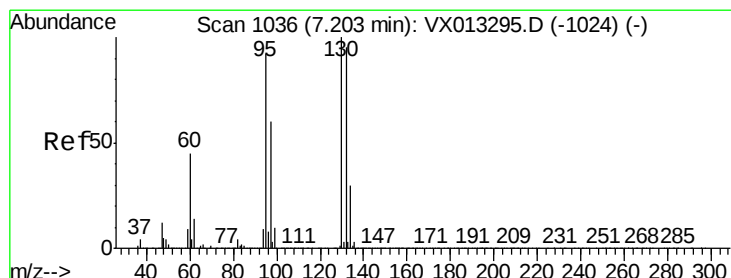
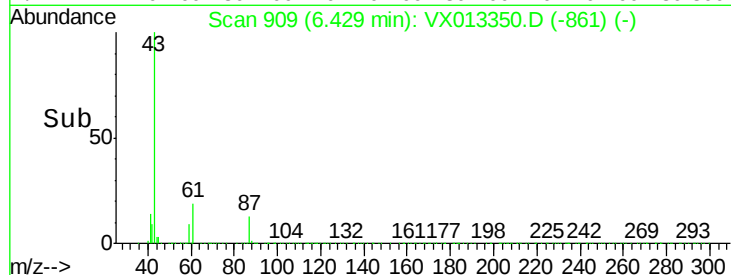
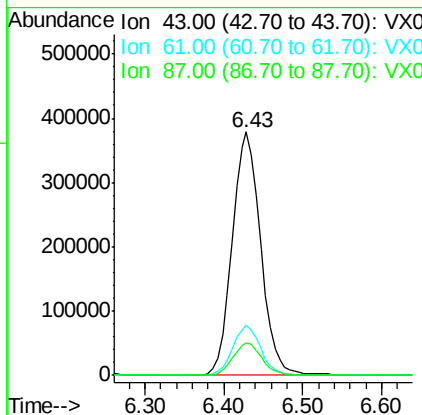
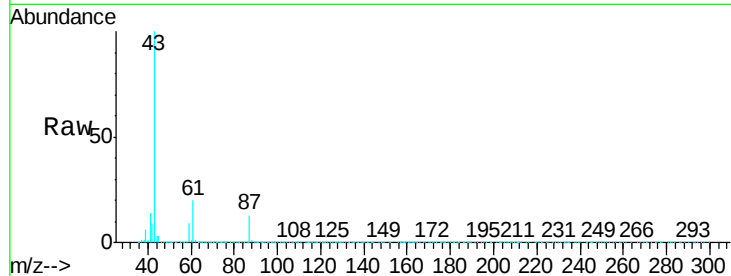
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	945242
Ion Ratio		Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.3	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 44.621 ug/l

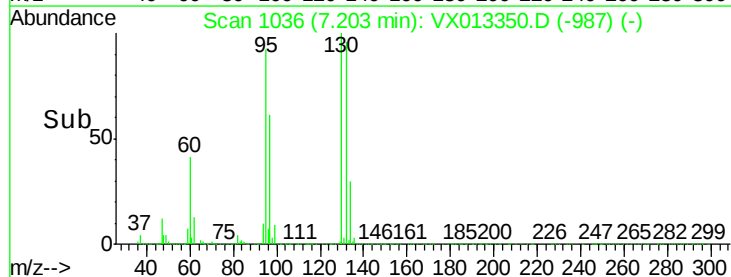
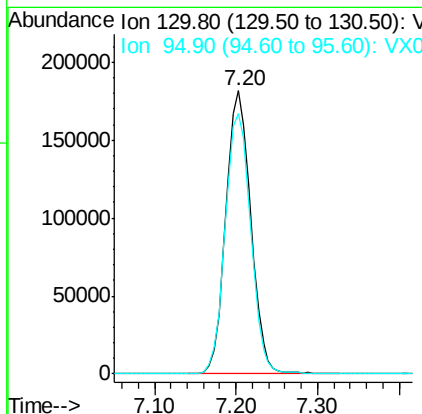
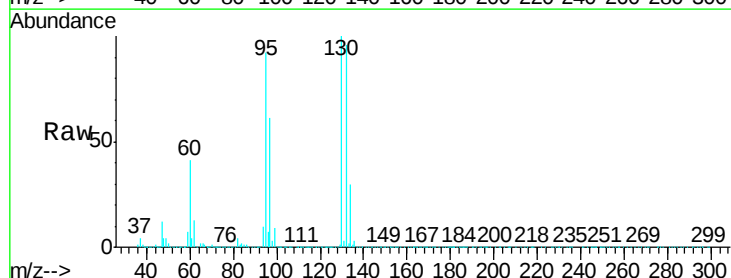
RT: 7.20 min Scan# 1036

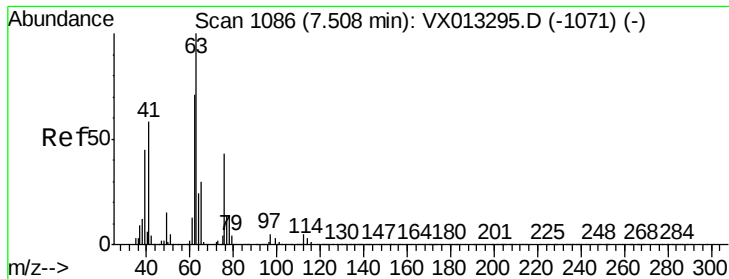
Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	130	Resp:	383959
Ion Ratio		Lower	Upper
130	100		
95	92.0	0.0	184.8





#45

1,2-Dichloropropane

Concen: 48.472 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 386083

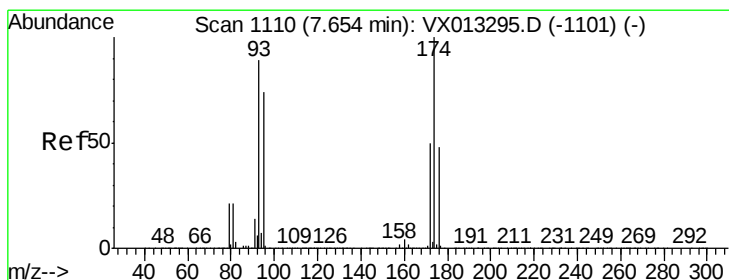
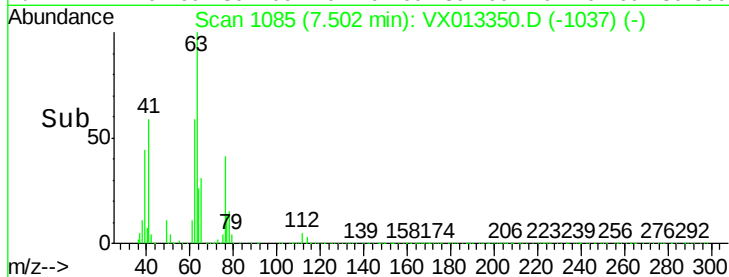
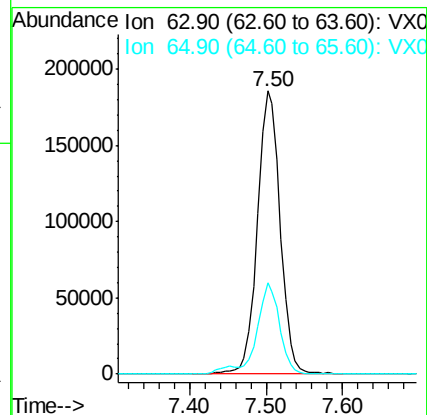
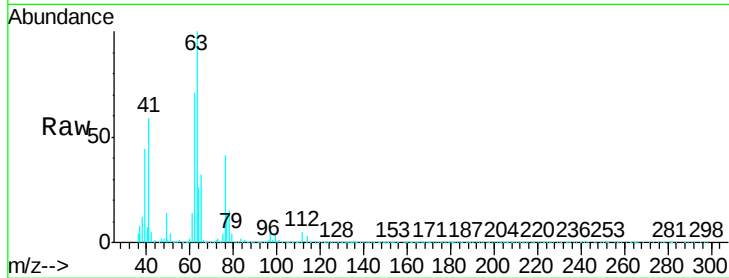
Ion Ratio Lower Upper

63 100

65 32.2 24.3 36.5

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#46

Dibromomethane

Concen: 46.745 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

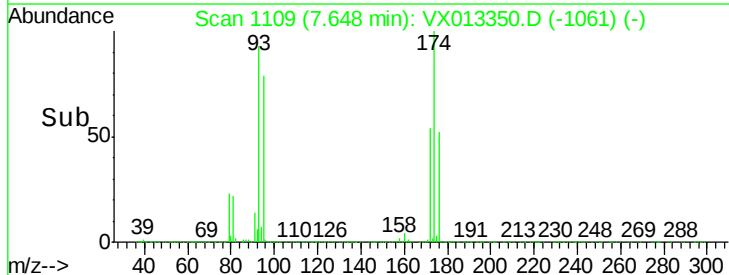
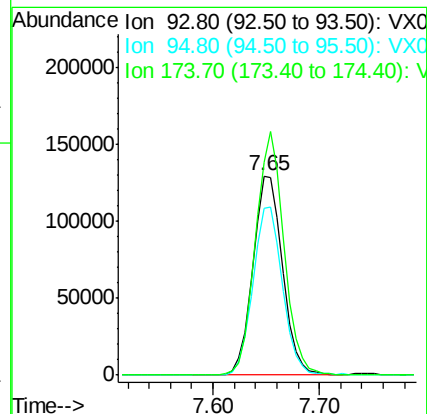
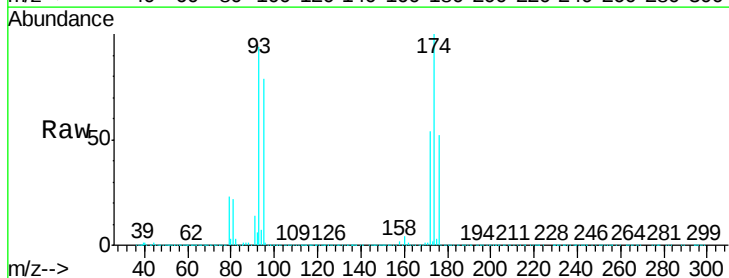
Tgt Ion: 93 Resp: 254218

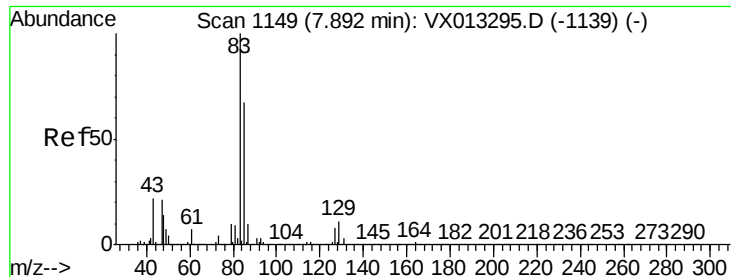
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 117.0 90.4 135.6





#47

Bromodichloromethane

Concen: 49.581 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

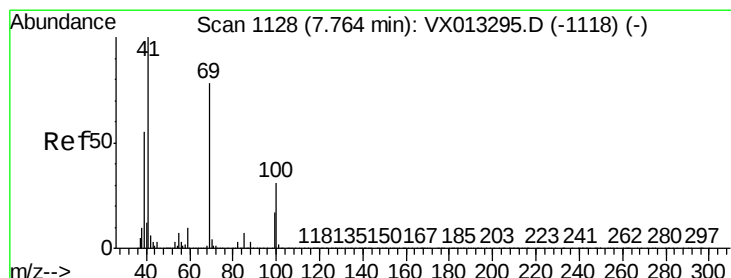
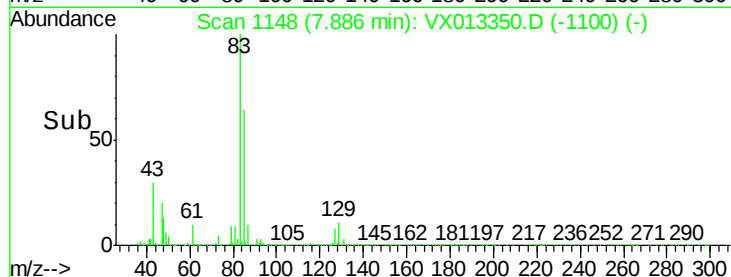
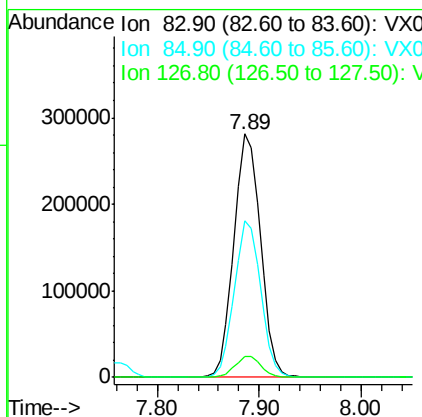
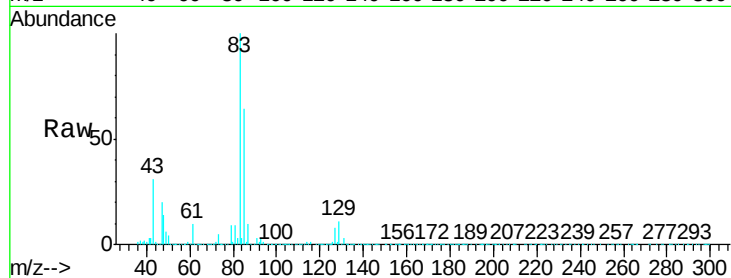
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	508456
Ion Ratio	Lower	Upper	
83	100		
85	64.3	53.7	80.5
127	8.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.423 ug/l

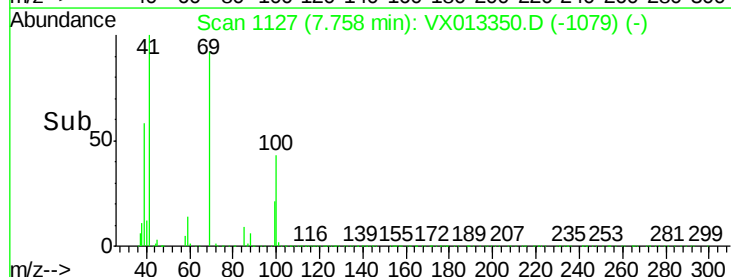
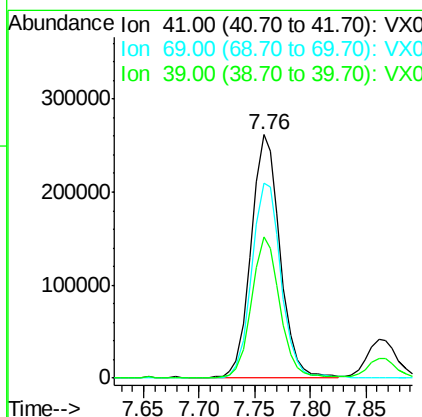
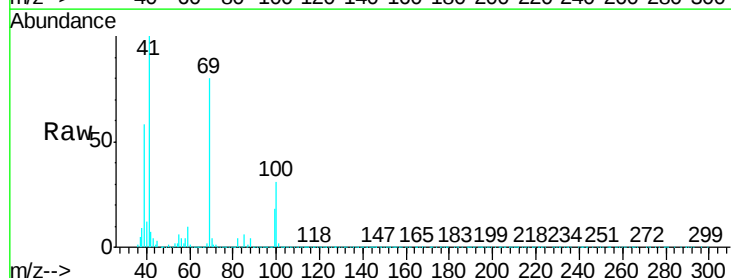
RT: 7.76 min Scan# 1127

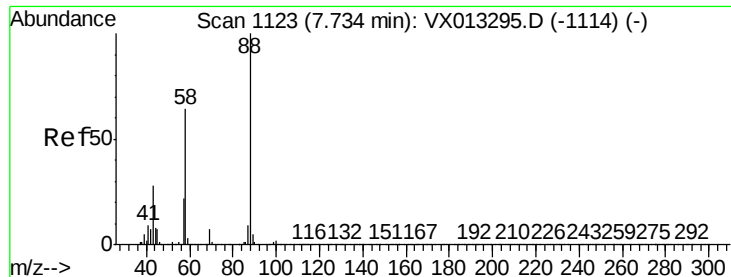
Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	41	Resp:	476398
Ion Ratio	Lower	Upper	
41	100		
69	81.3	63.0	94.6
39	56.3	45.9	68.9





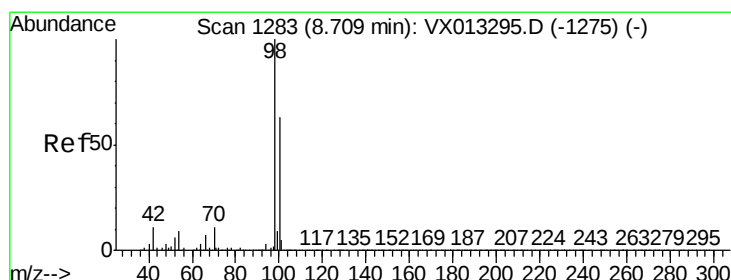
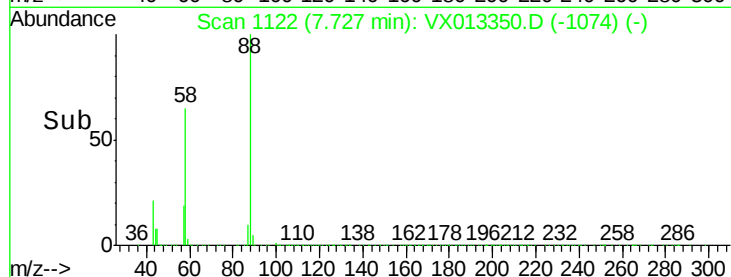
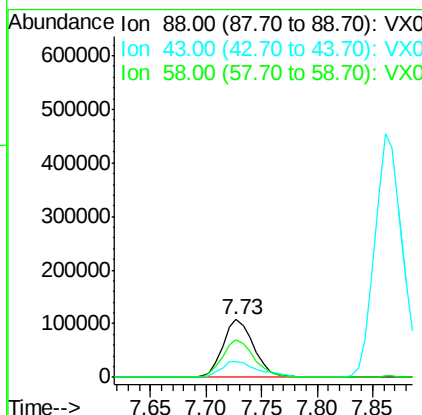
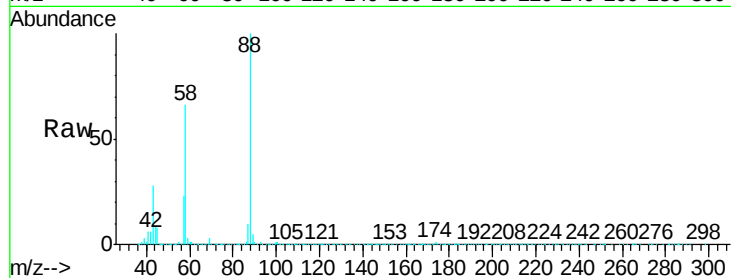
#49
1,4-Dioxane
Concen: 929.366 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.6	39.8
58	68.7	55.0	82.6

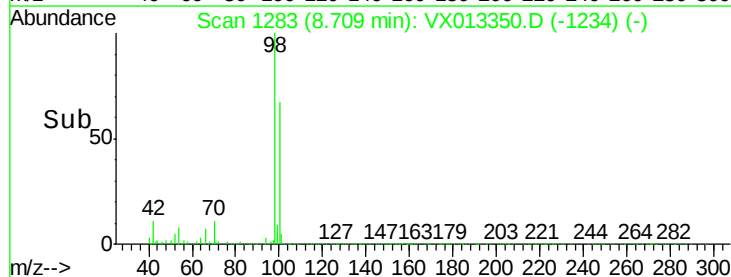
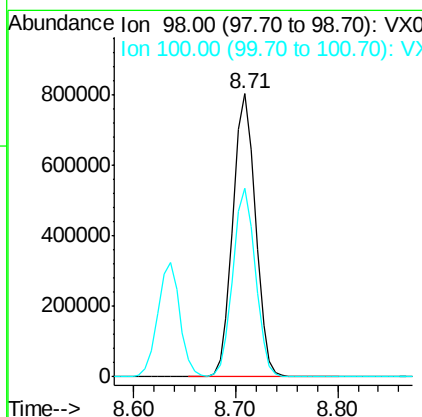
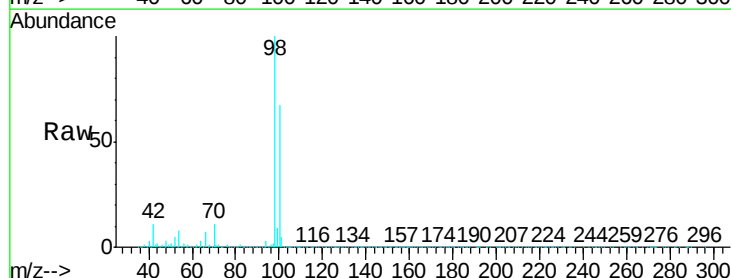
Manual Integrations
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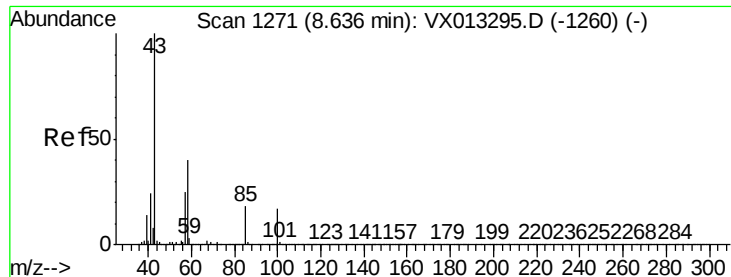
MMDadoda
11/8/2019 9:33:17 AM



#50
Toluene-d8
Concen: 44.283 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2





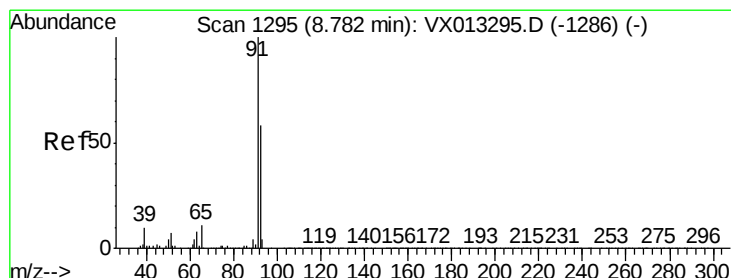
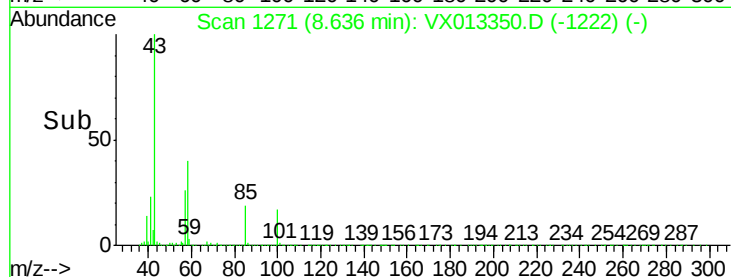
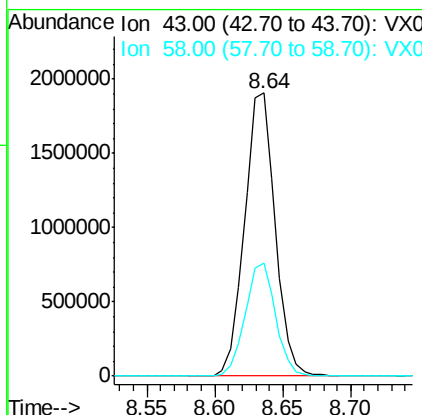
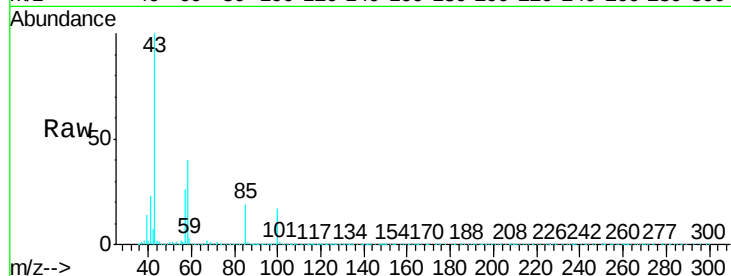
#51
4-Methyl-2-Pentanone
Concen: 236.775 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2999720
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.0

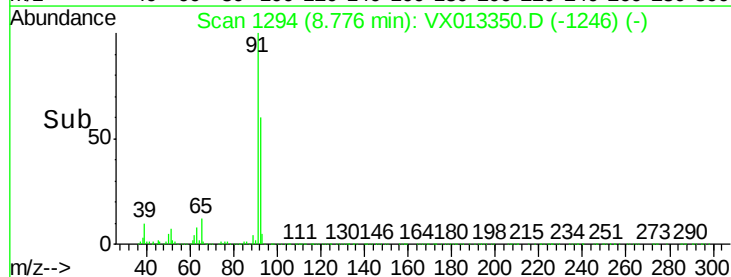
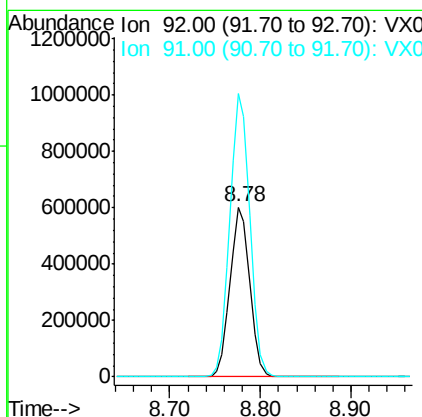
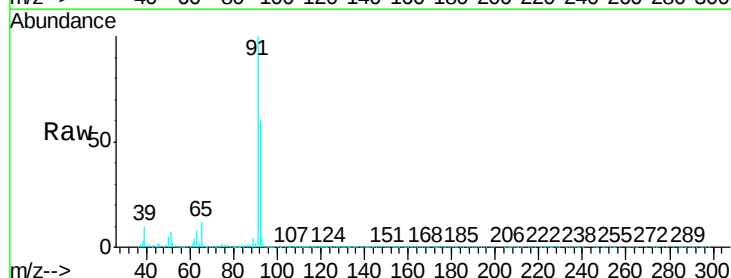
Manual Integrations
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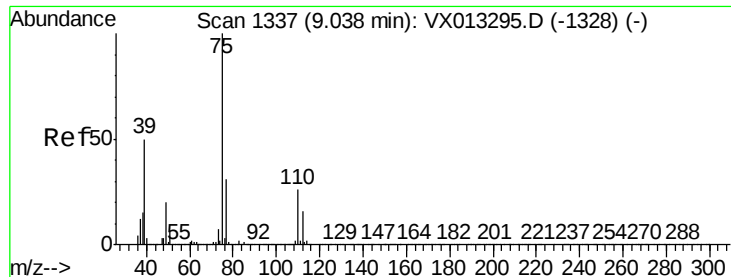
MMDadoda
11/8/2019 9:33:17 AM



#52
Toluene
Concen: 47.006 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion: 92 Resp: 910741
Ion Ratio Lower Upper
92 100
91 168.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 51.324 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 575538

Ion Ratio Lower Upper

75 100

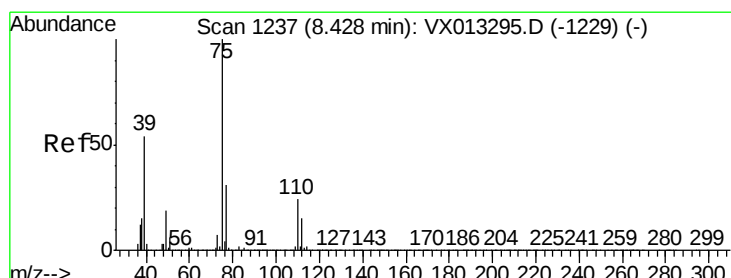
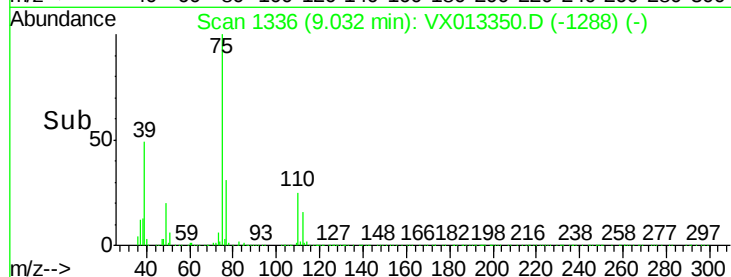
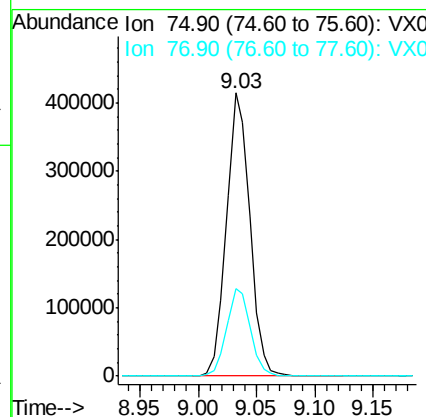
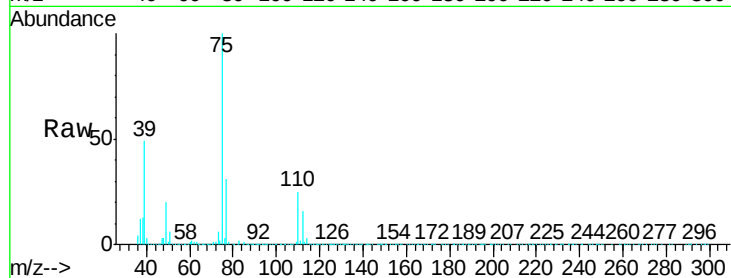
77 30.7 25.0 37.4

Manual Integrations

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MMDadoda

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#54

cis-1,3-Dichloropropene

Concen: 50.033 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

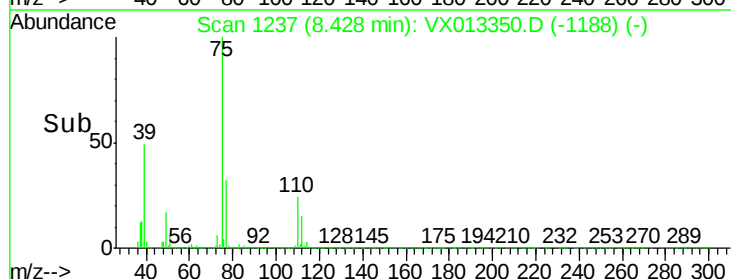
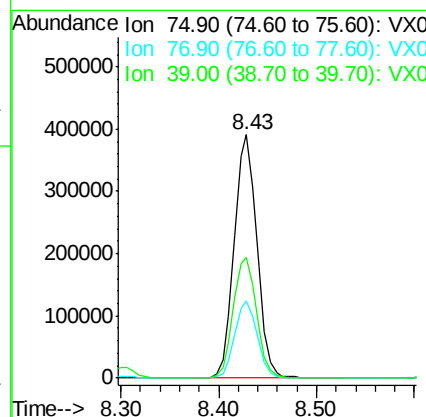
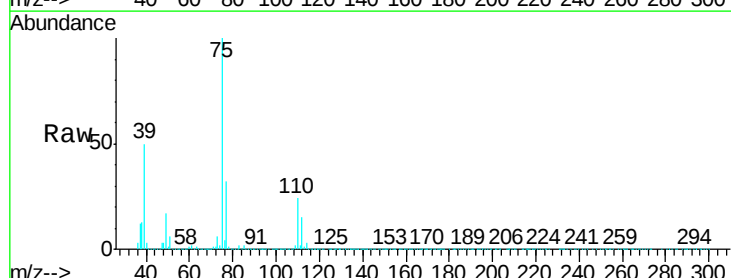
Tgt Ion: 75 Resp: 627614

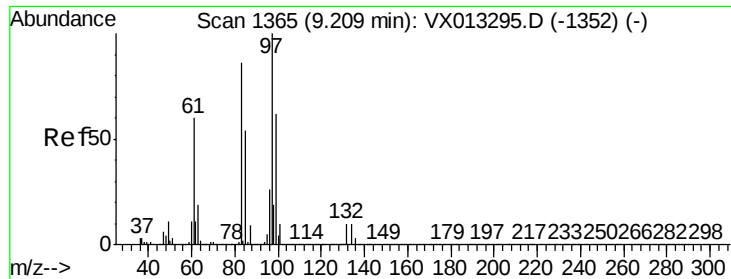
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 49.5 43.0 64.6





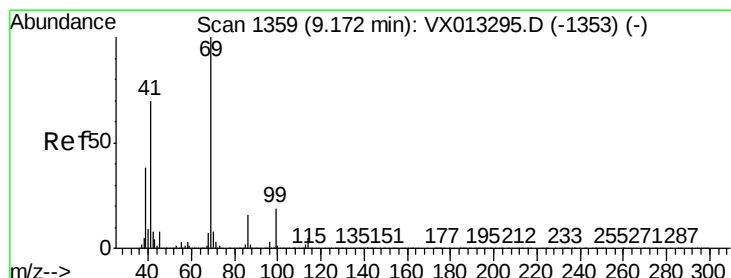
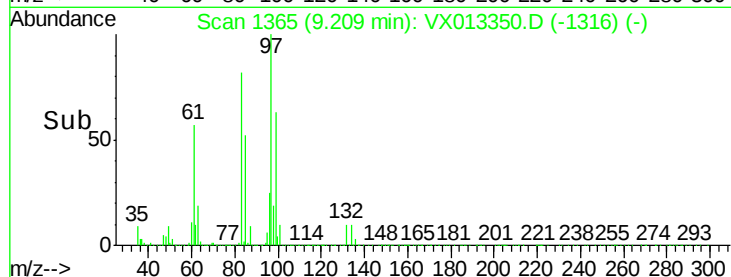
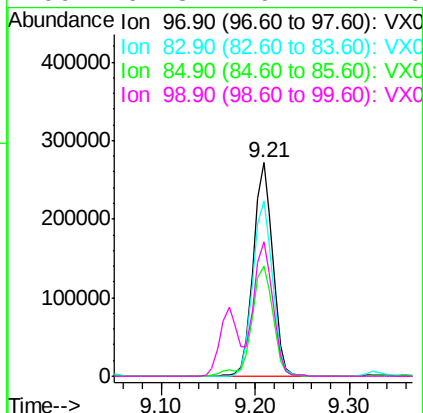
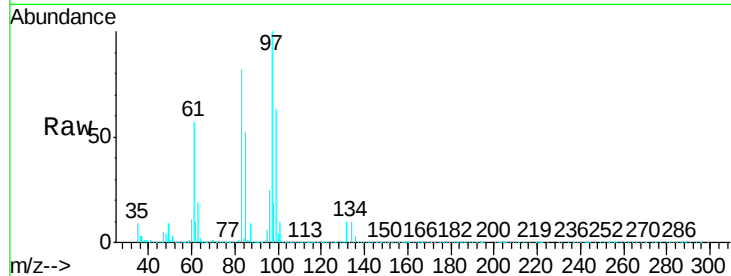
#55
 1,1,2-Trichloroethane
 Concen: 48.697 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	391074		
83	82.3	68.6	103.0	
85	51.7	43.1	64.7	
99	62.8	49.4	74.0	

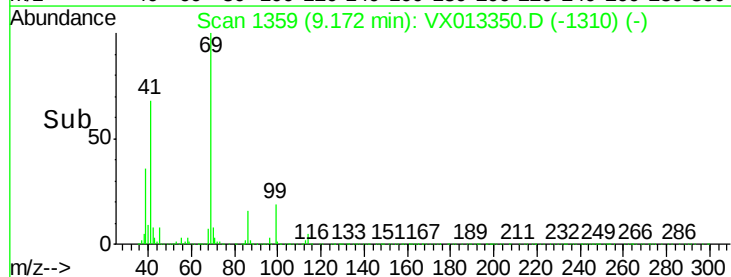
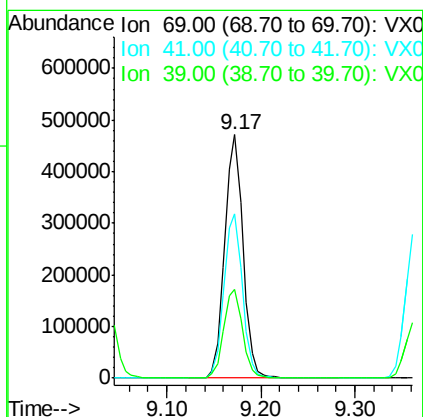
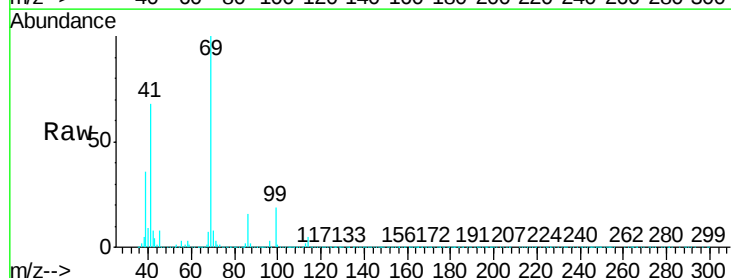
Manual Integrations
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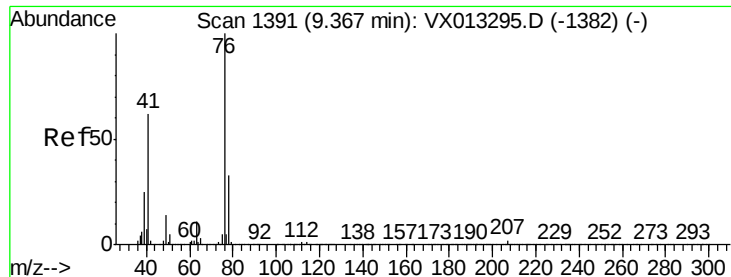
MMDadoda
 11/8/2019 9:33:17 AM



#56
 Ethyl methacrylate
 Concen: 46.616 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	637622		
41	67.8	56.2	84.2	
39	37.2	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 47.647 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

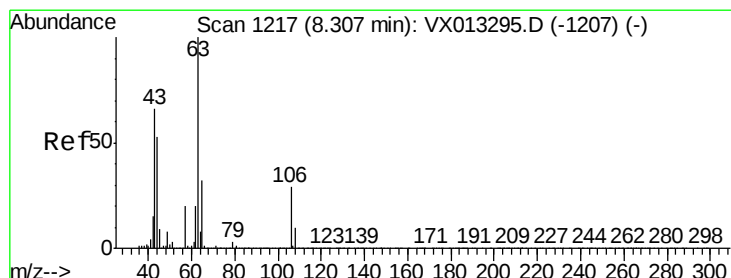
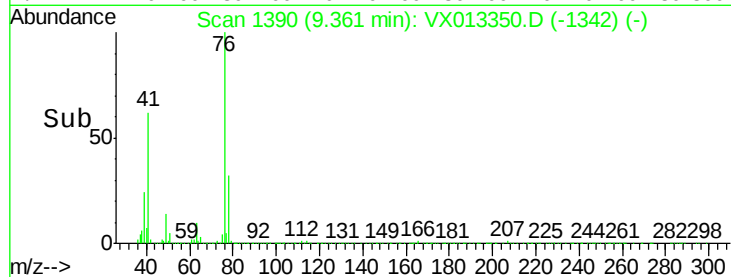
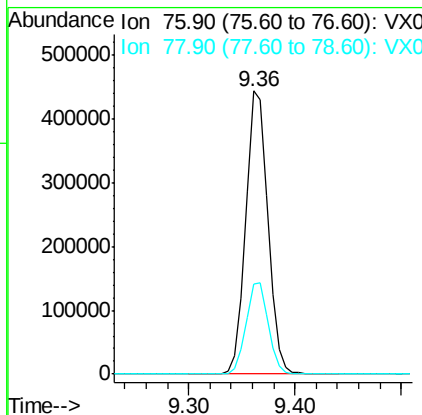
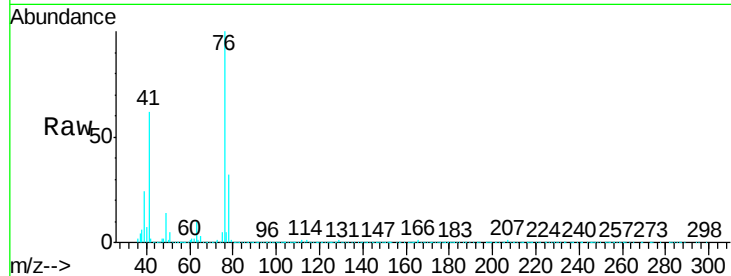
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

Manual Integrations
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MMDadoda
11/8/2019 9:33:17 AM



#58

2-Chloroethyl Vinyl ether

Concen: 236.558 ug/l

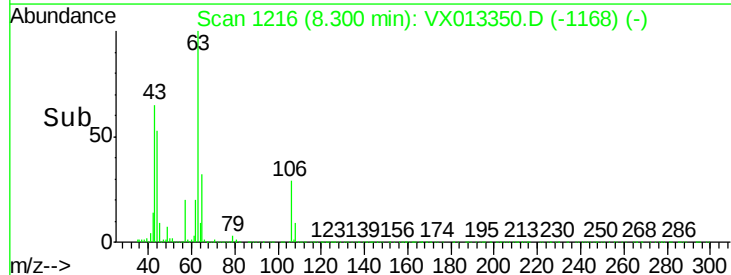
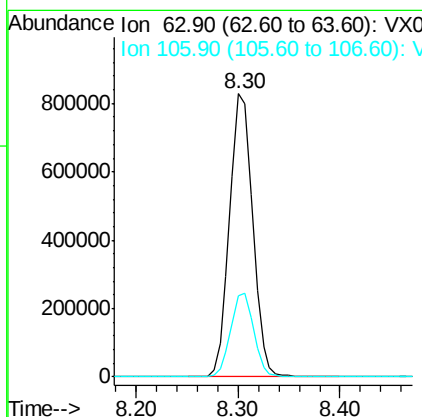
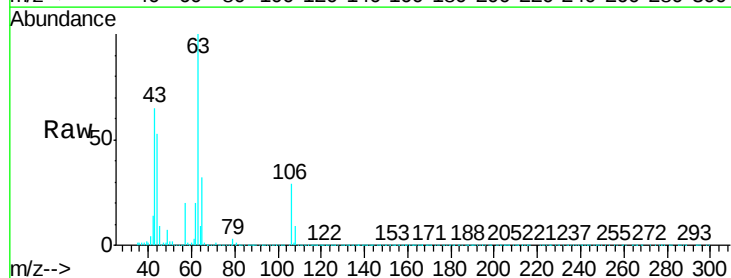
RT: 8.30 min Scan# 1216

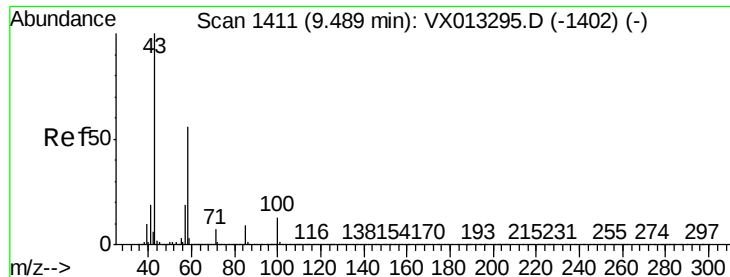
Delta R.T. -0.01 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.4	35.2





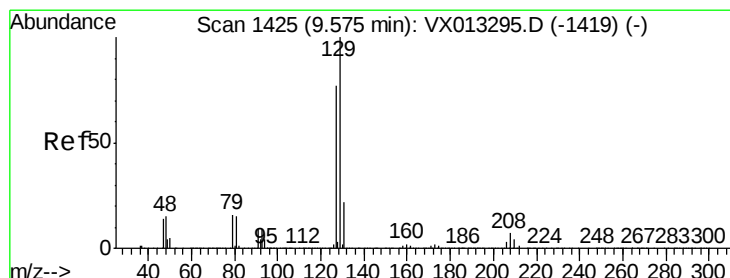
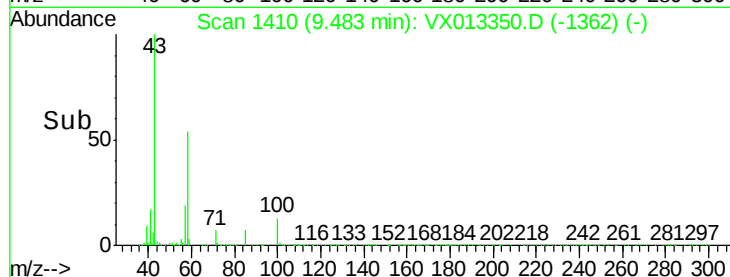
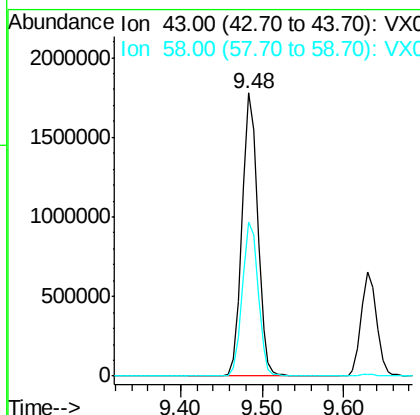
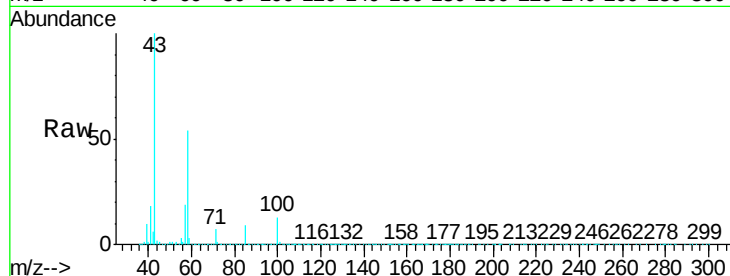
#59
2-Hexanone
Concen: 238.789 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2337833
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

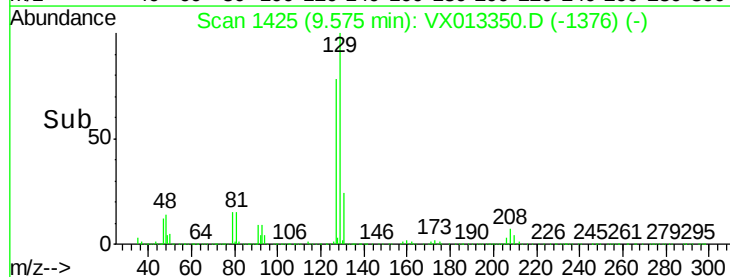
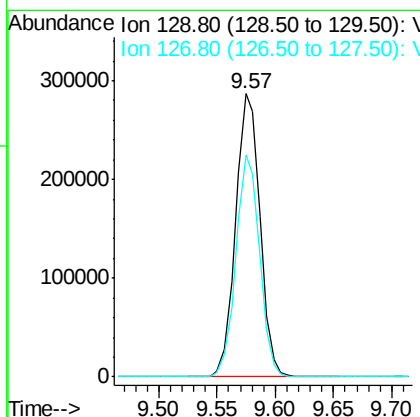
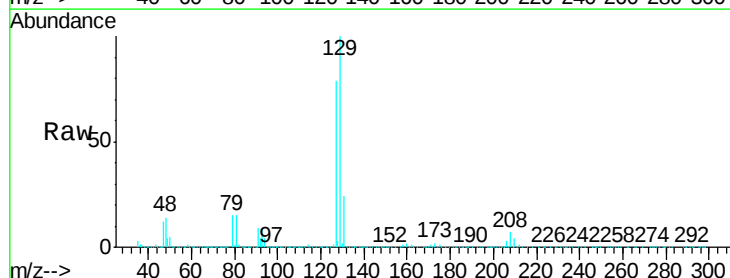
Manual Integrations
APPROVED

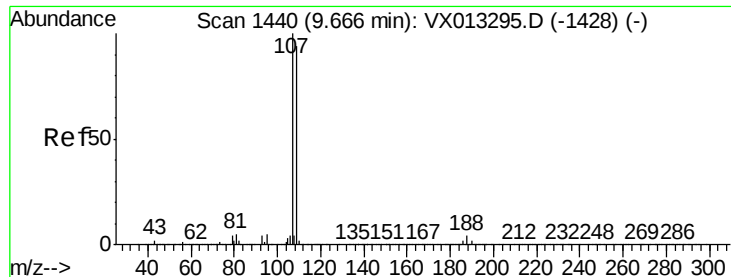
MMDadoda
11/8/2019 9:33:17 AM



#60
Dibromochloromethane
Concen: 50.882 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion: 129 Resp: 417910
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.094 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 410135

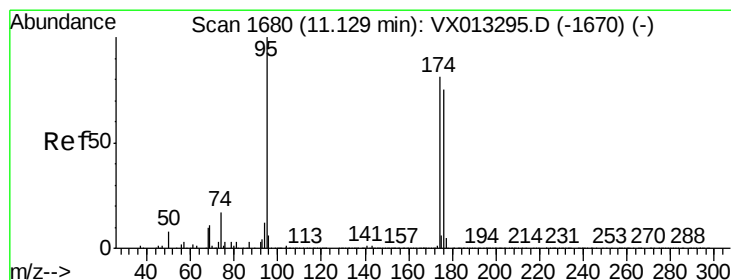
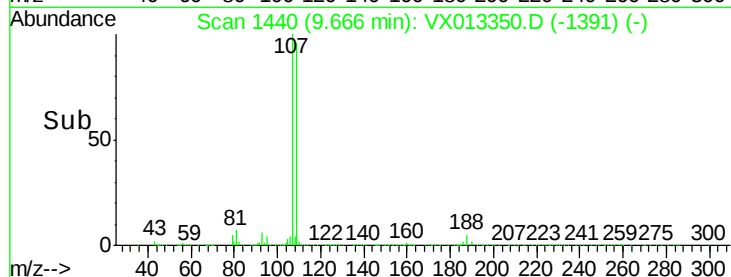
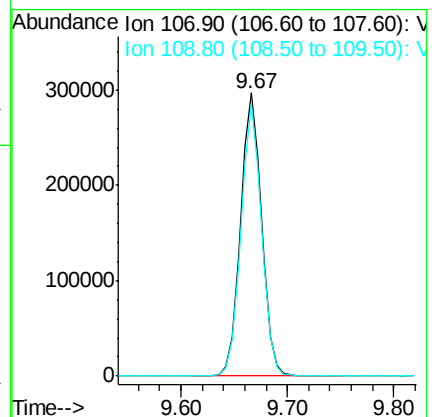
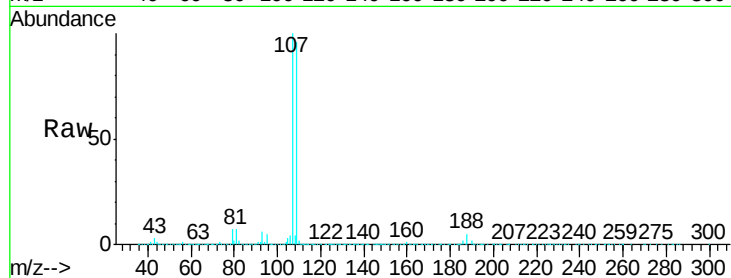
Ion Ratio Lower Upper

107 100

109 94.7 75.1 112.7

Manual Integrations
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MMDadoda
11/8/2019 9:33:17 AM



#62

4-Bromofluorobenzene

Concen: 44.156 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

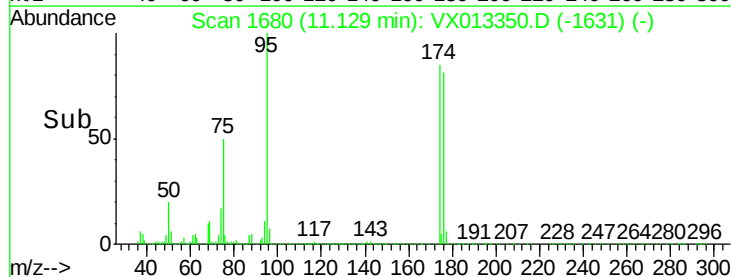
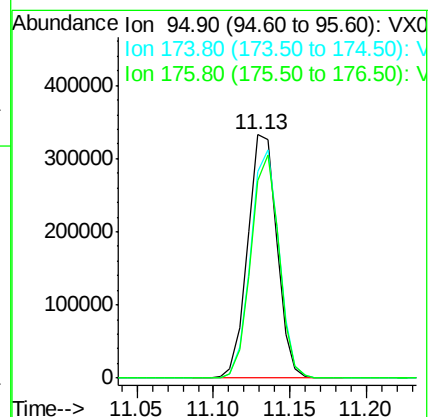
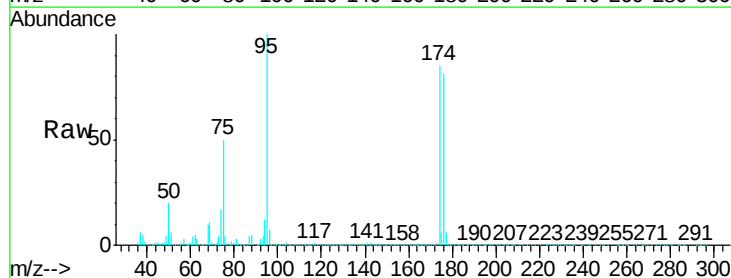
Tgt Ion: 95 Resp: 440805

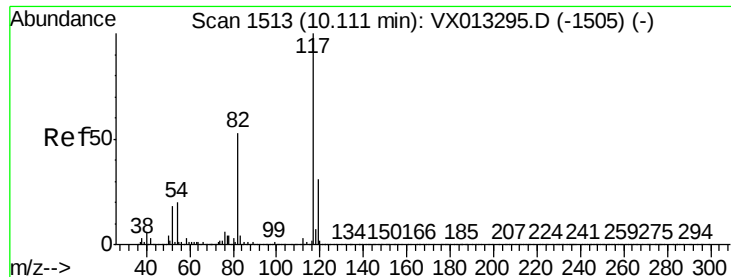
Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.8

176 88.5 0.0 173.0





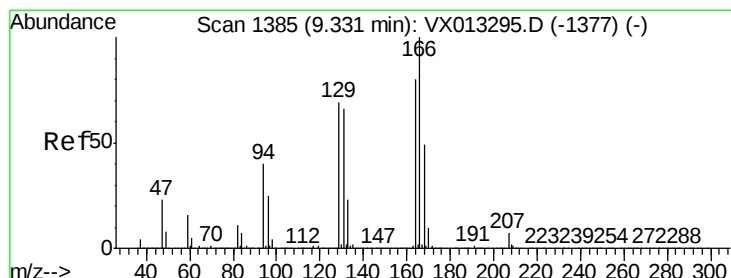
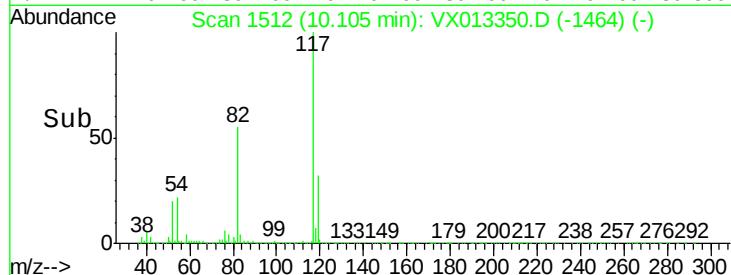
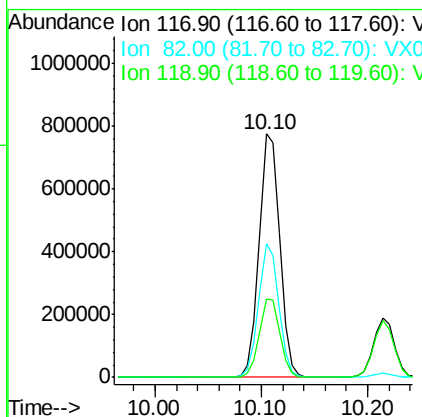
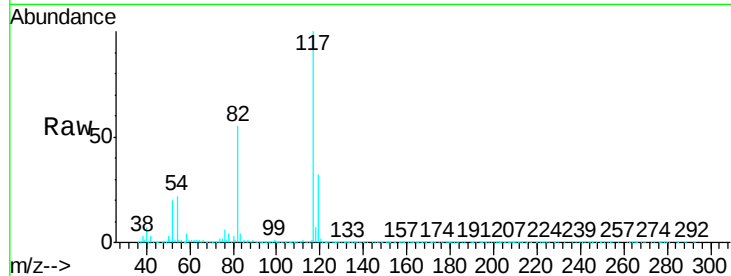
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 1061528
Ion Ratio Lower Upper
117 100
82 55.1 42.6 64.0
119 32.0 24.8 37.2

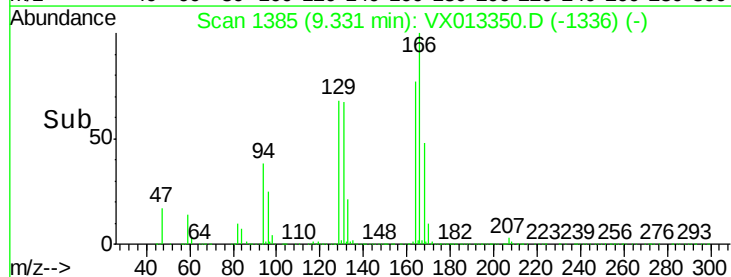
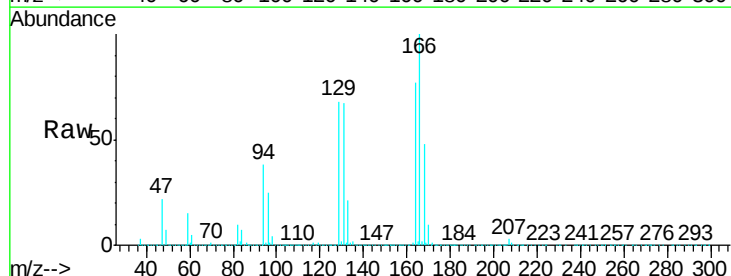
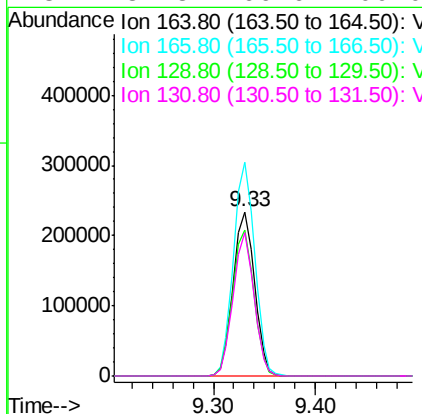
Manual Integrations
APPROVED

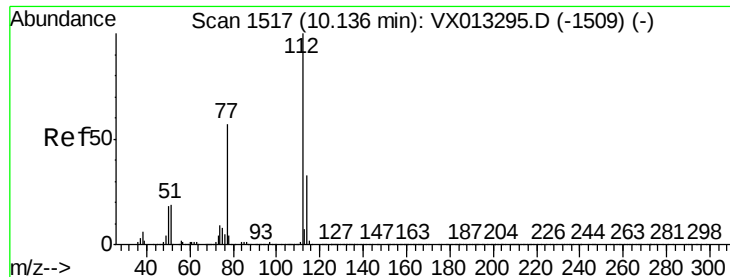
MMDadoda
11/8/2019 9:33:17 AM



#64
Tetrachloroethene
Concen: 44.634 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion:164 Resp: 339180
Ion Ratio Lower Upper
164 100
166 130.3 100.4 150.6
129 88.7 69.4 104.2
131 87.8 66.6 100.0





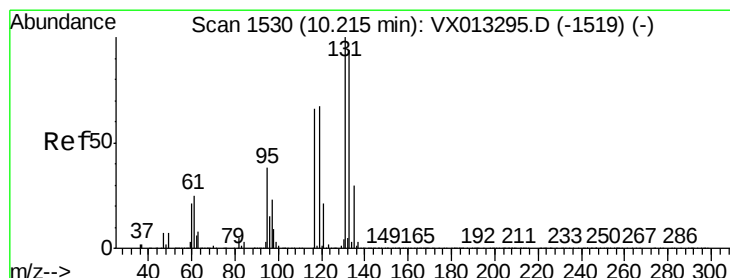
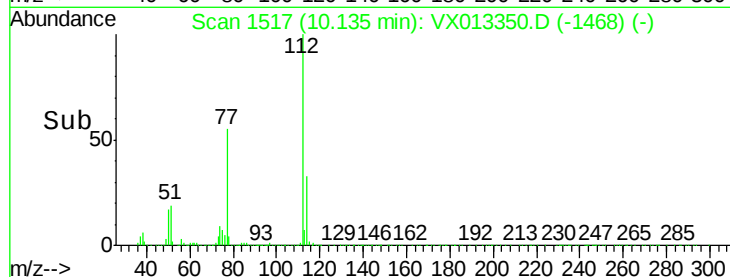
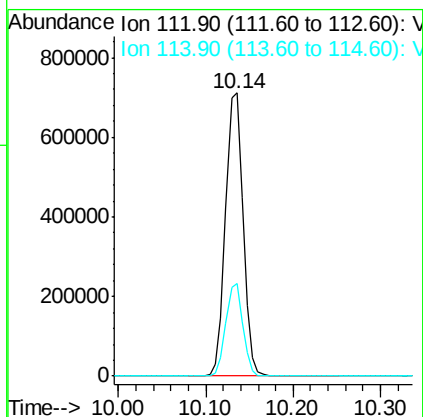
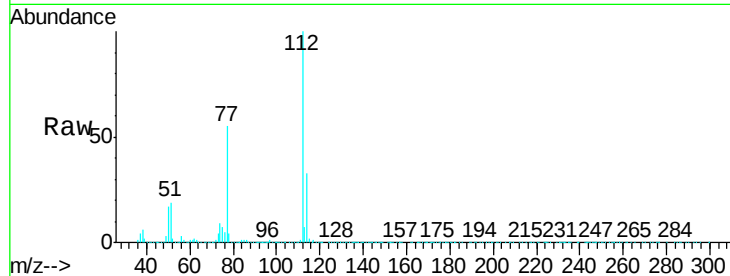
#65
Chlorobenzene
Concen: 46.186 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.4	39.6

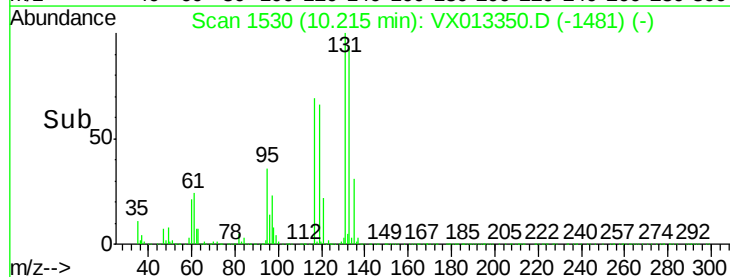
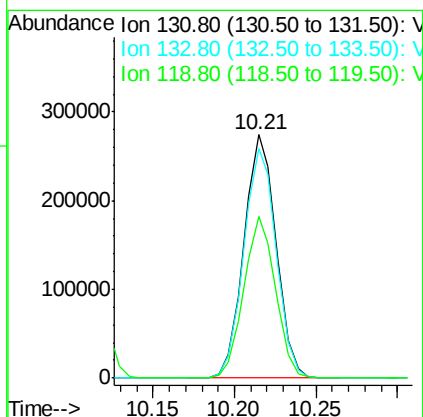
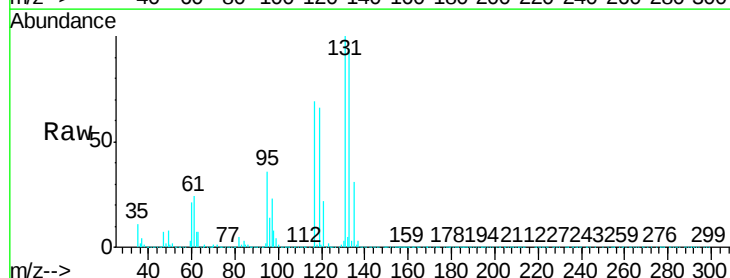
Manual Integrations
APPROVED

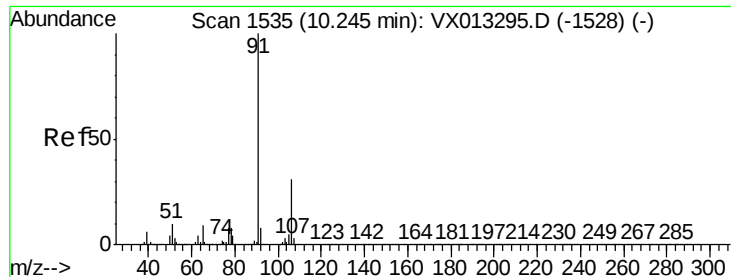
MMDadoda
11/8/2019 9:33:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.698 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.0	144.0
119	65.3	33.0	99.0





#67

Ethyl Benzene

Concen: 46.079 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1709126

Ion Ratio Lower Upper

91 100

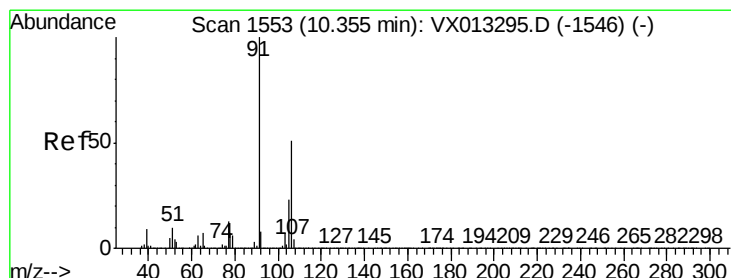
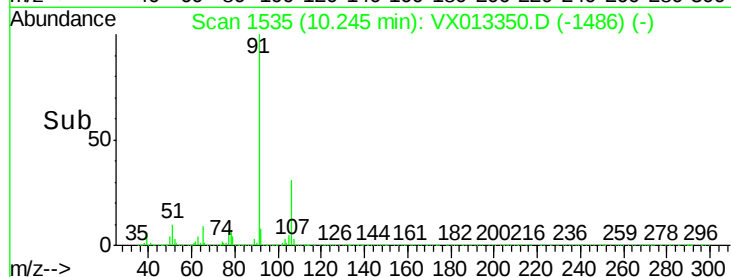
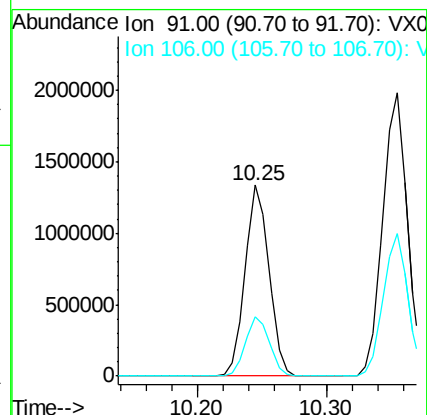
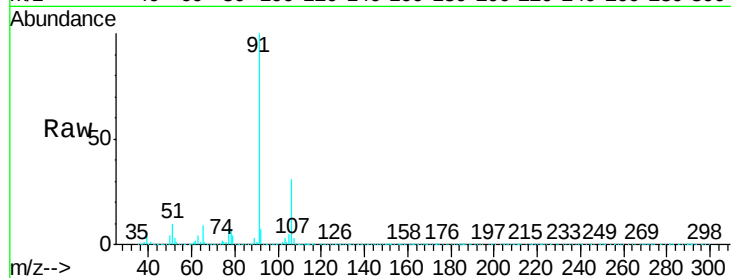
106 31.1 24.6 36.8

Manual Integrations

APPROVED

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11/8/2019 9:33:17 AM



#68

m/p-Xylenes

Concen: 93.662 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013350.D

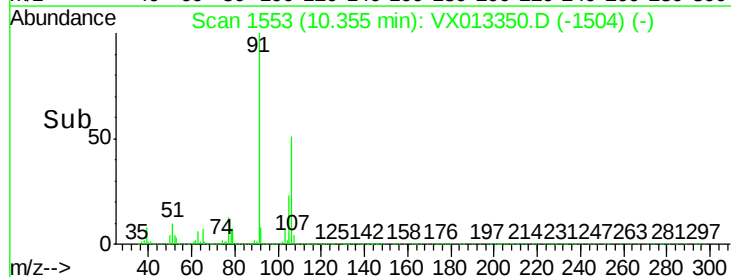
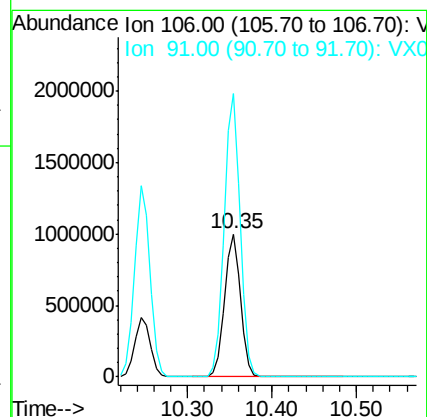
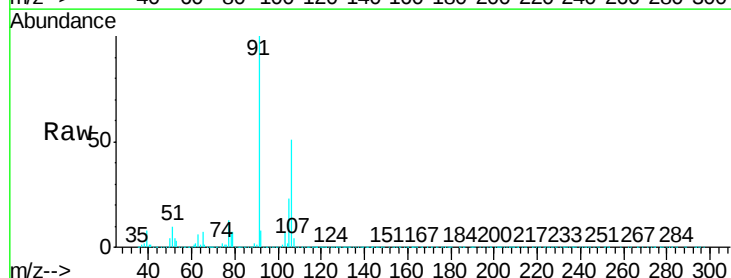
Acq: 07 Nov 2019 16:46

Tgt Ion: 106 Resp: 1313851

Ion Ratio Lower Upper

106 100

91 198.2 159.3 238.9





#69

o-Xylene

Concen: 46.559 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 639416

Ion Ratio Lower Upper

106 100

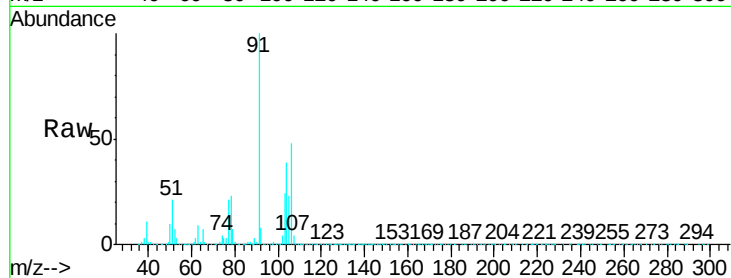
91 212.4 105.7 317.0

Manual Integrations

APPROVED

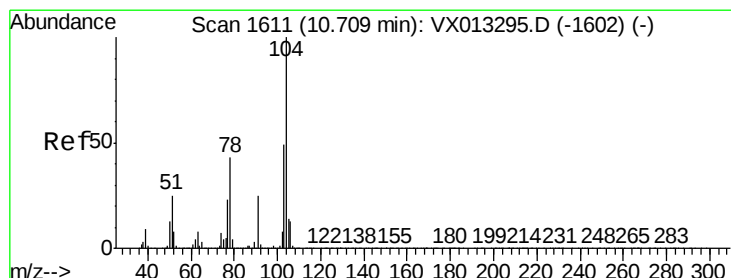
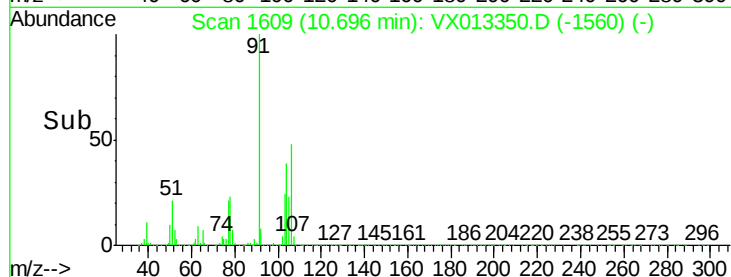
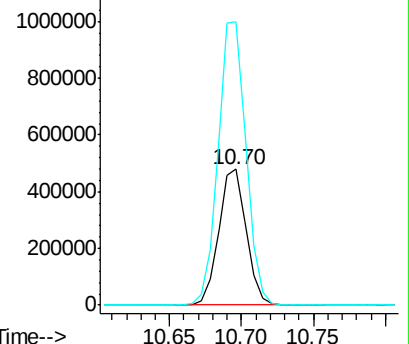
MMDadoda

11/8/2019 9:33:17 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 48.804 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

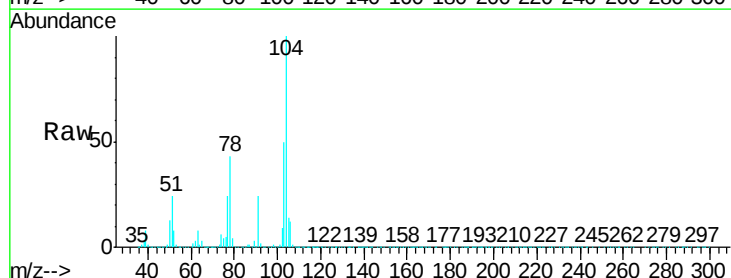
Tgt Ion:104 Resp: 1120400

Ion Ratio Lower Upper

104 100

78 48.8 40.0 60.0

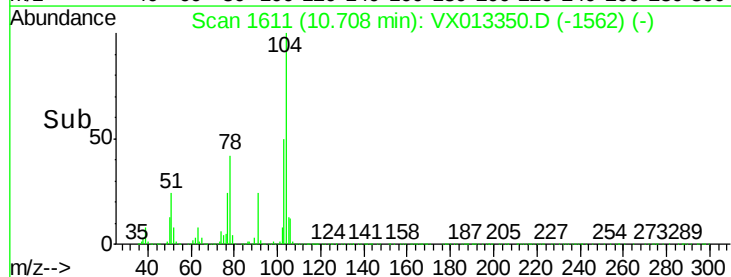
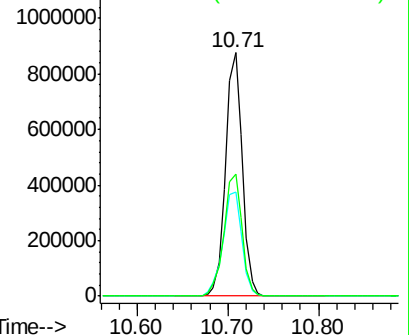
103 54.5 44.1 66.1

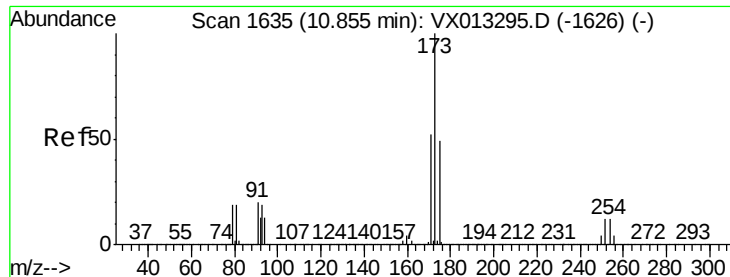


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





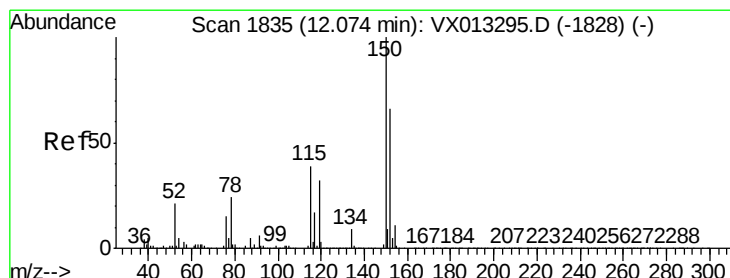
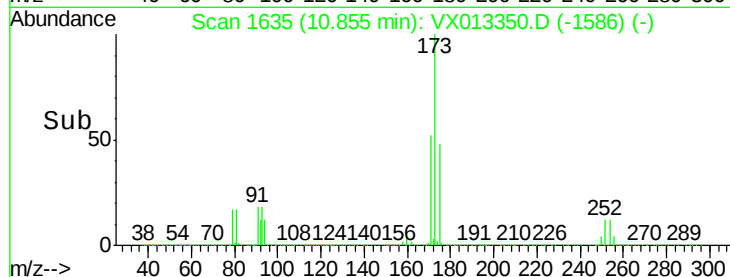
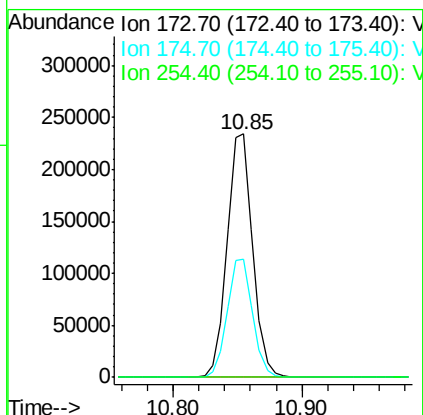
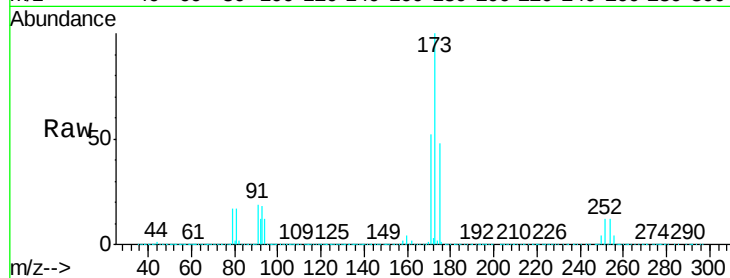
#71
Bromoform
Concen: 44.859 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.8	74.4
254	0.3	0.2	0.2#

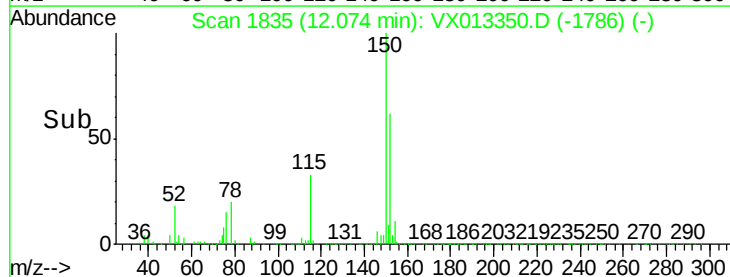
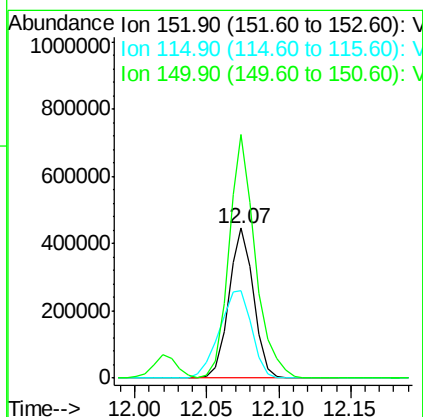
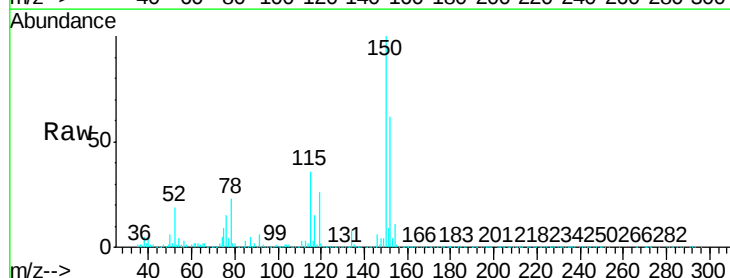
Manual Integrations
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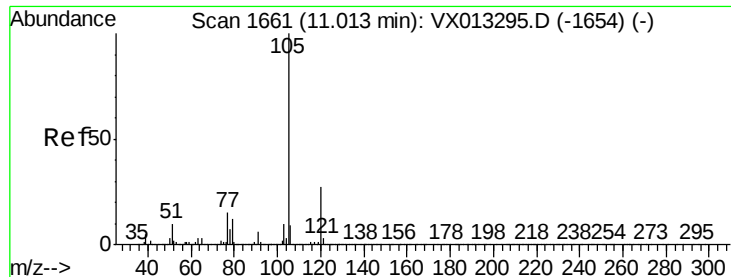
MMDadoda
11/8/2019 9:33:17 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.2	39.5	118.3
150	172.8	0.0	344.4





#73

Isopropylbenzene

Concen: 47.059 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1671035

Ion Ratio Lower Upper

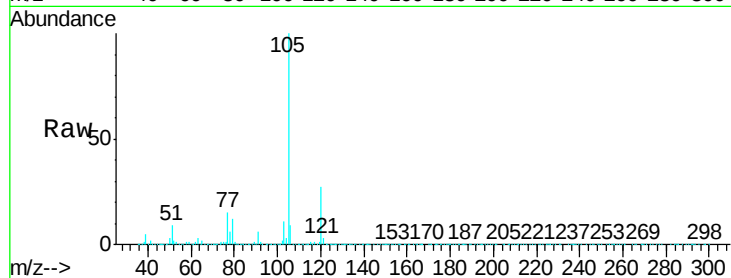
105 100

120 27.2

13.5 40.5

Manual Integrations
APPROVED

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11/8/2019 9:33:17 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

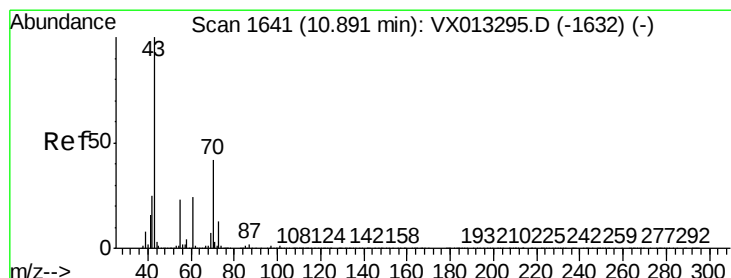
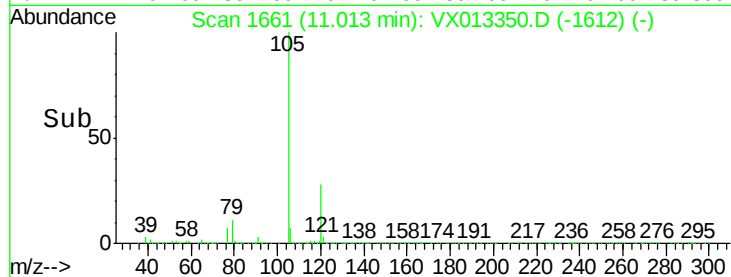
1100000

500000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 51.155 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion: 43 Resp: 842335

Ion Ratio Lower Upper

43 100

70 42.9

34.1 51.1

55 23.6

18.9 28.3

61 24.8

19.2 28.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

600000

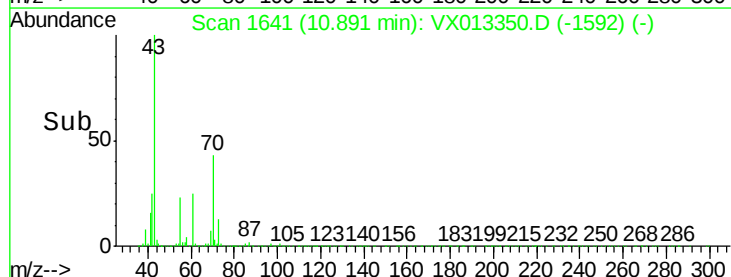
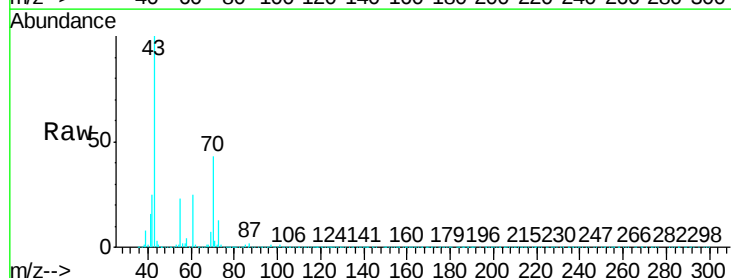
400000

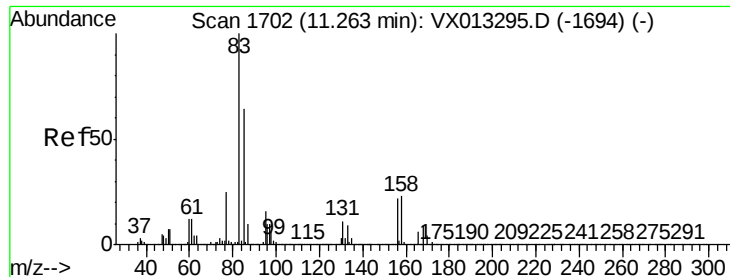
200000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.637 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 617102
Ion Ratio Lower Upper

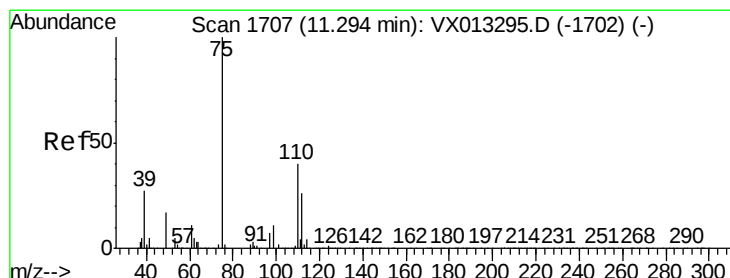
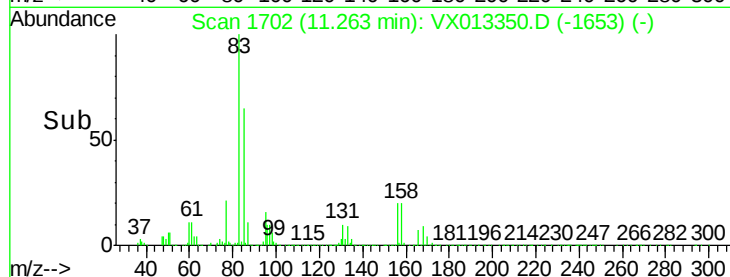
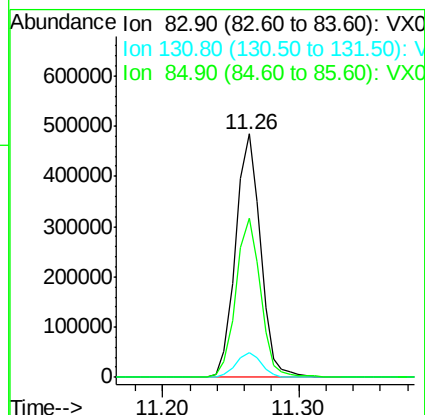
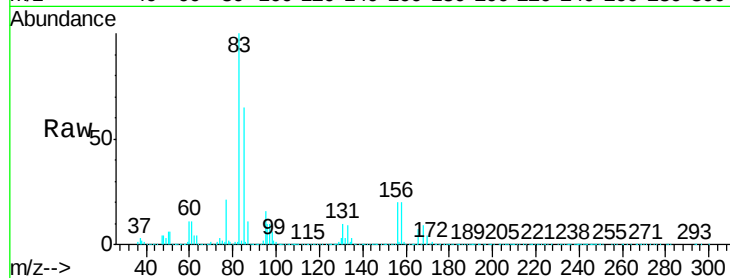
83 100

131 10.3 5.1 15.3

85 65.0 32.3 96.8

Manual Integrations
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11/8/2019 9:33:17 AM



#76

1,2,3-Trichloropropane

Concen: 46.711 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

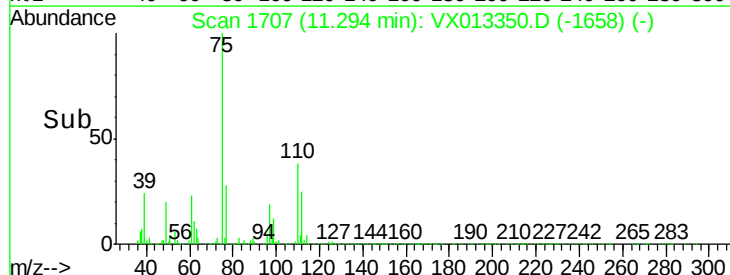
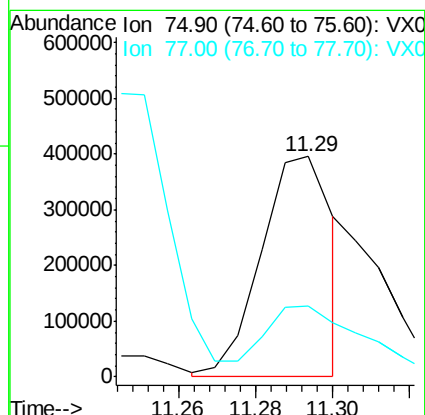
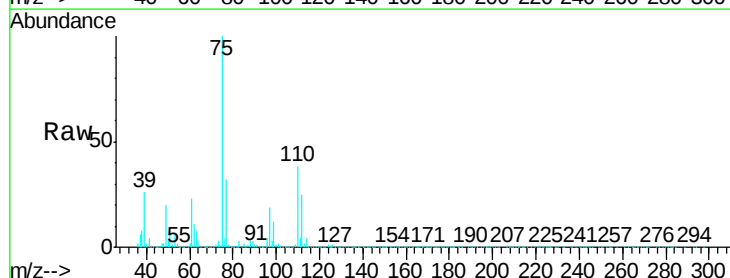
Lab File: VX013350.D

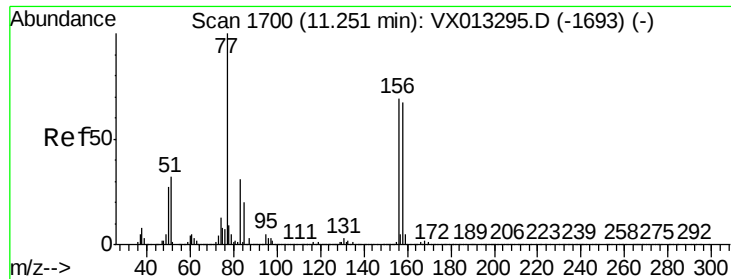
Acq: 07 Nov 2019 16:46

Tgt Ion: 75 Resp: 508125
Ion Ratio Lower Upper

75 100

77 44.0 22.3 66.8





#77

Bromobenzene

Concen: 47.848 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

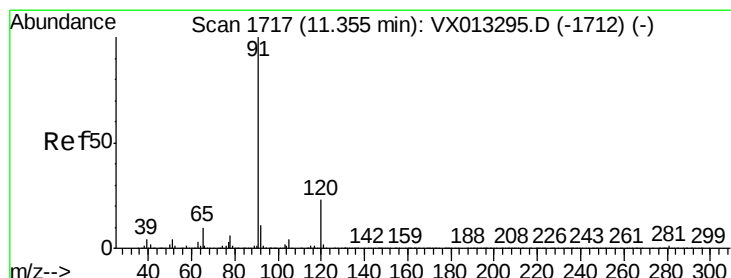
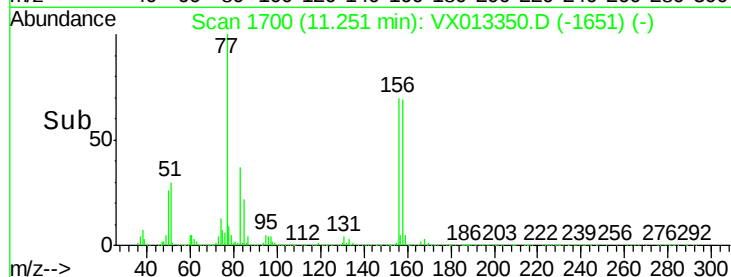
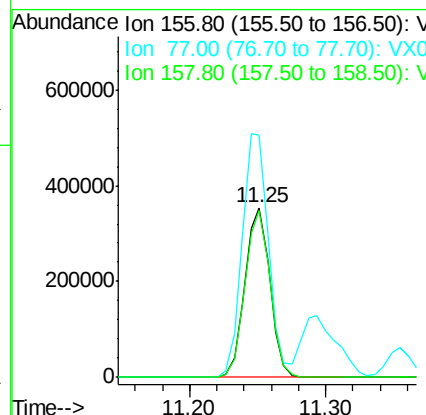
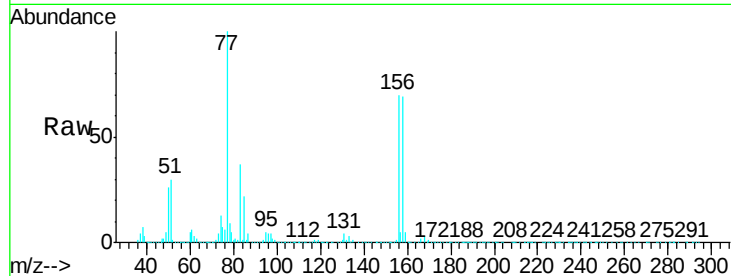
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.2	75.8	227.4
158	98.4	47.6	142.8

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#78

n-propylbenzene

Concen: 48.400 ug/l

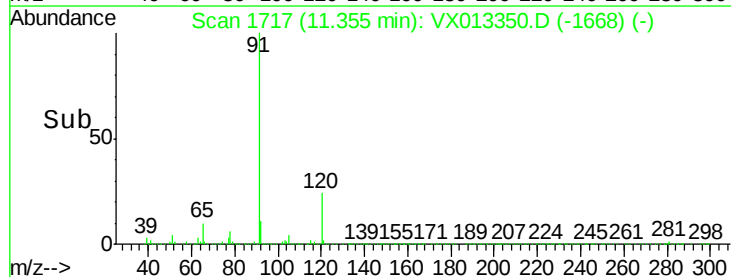
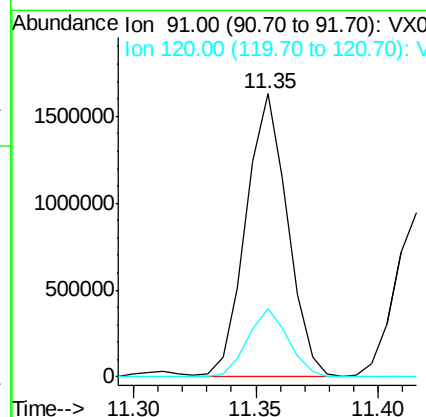
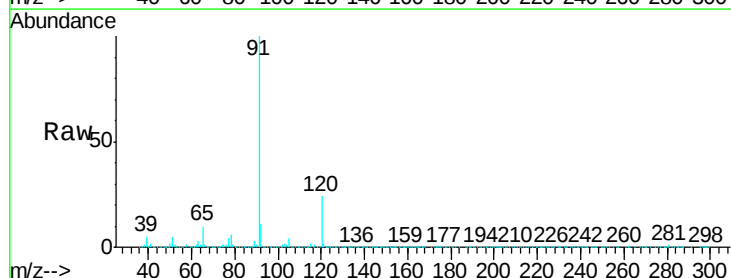
RT: 11.35 min Scan# 1717

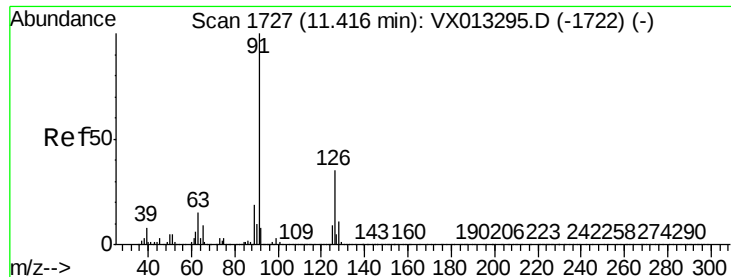
Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.6	34.8





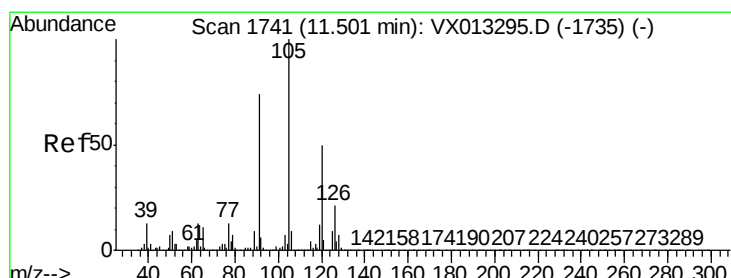
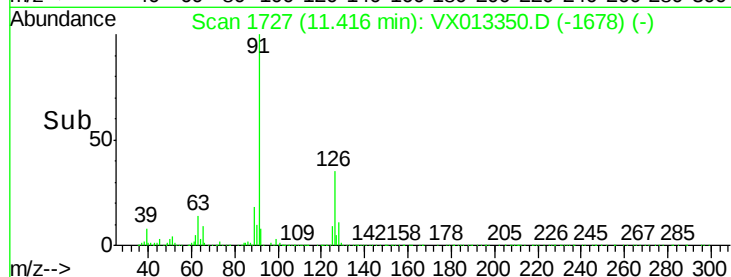
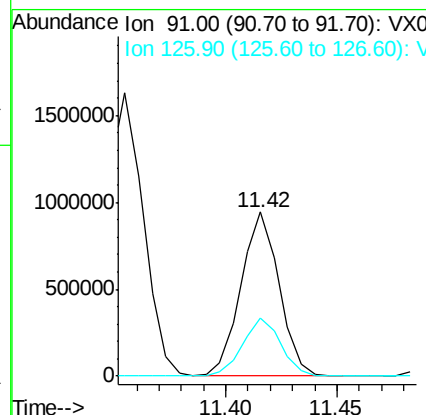
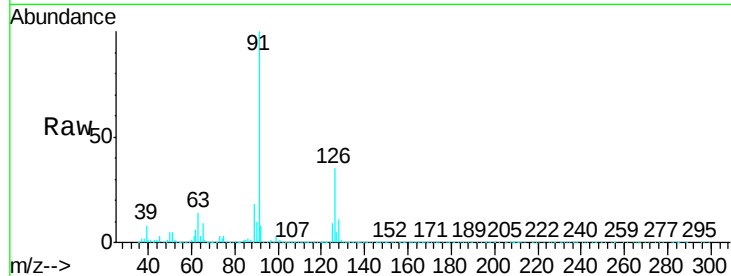
#79
2-Chlorotoluene
Concen: 47.496 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1131917
Ion Ratio Lower Upper
91 100
126 35.2 17.3 52.0

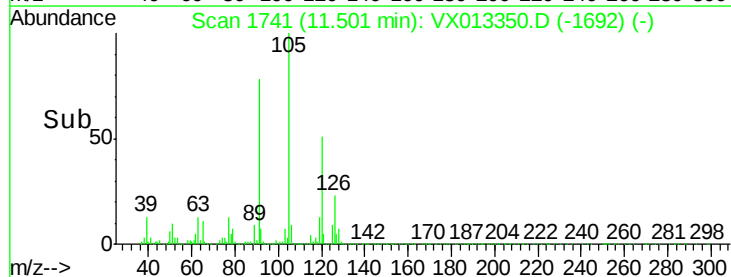
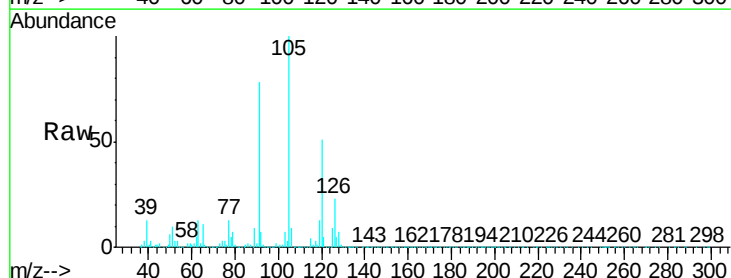
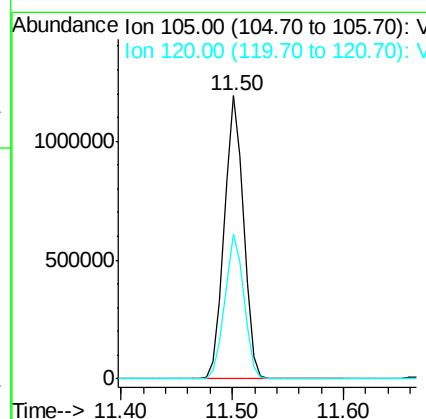
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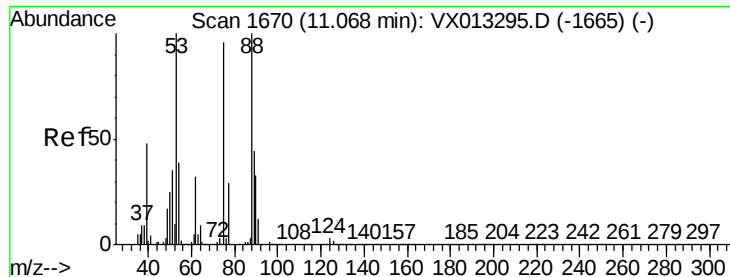
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#80
1,3,5-Trimethylbenzene
Concen: 48.145 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion: 105 Resp: 1423993
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.8





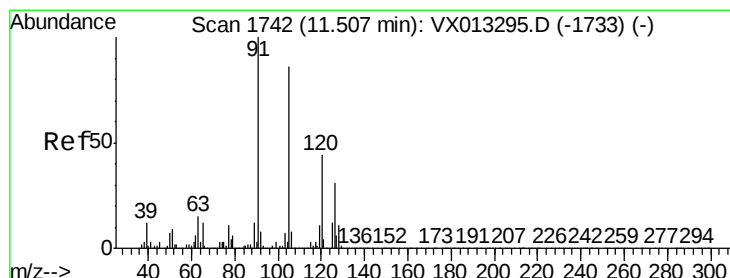
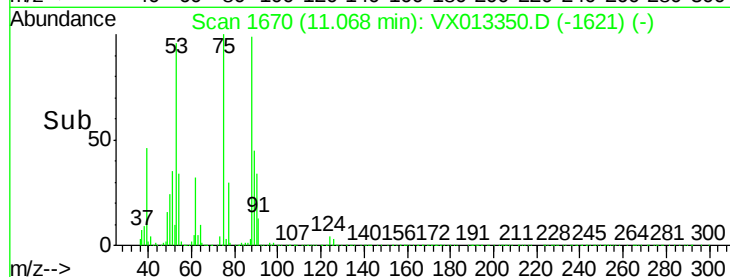
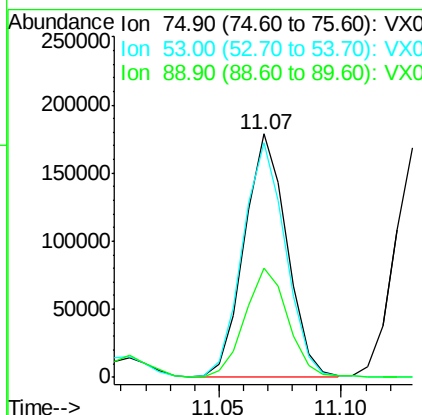
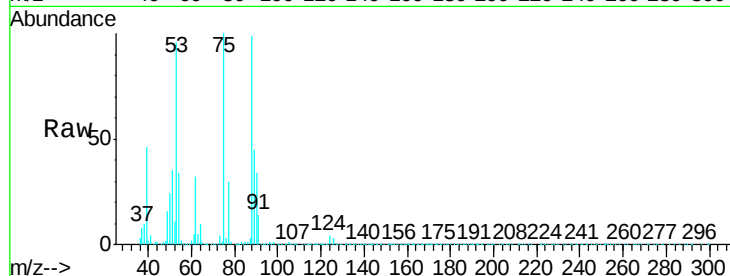
#81
trans-1,4-Dichloro-2-butene
Concen: 51.073 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.2	81.0	121.6
89	45.4	36.0	54.0

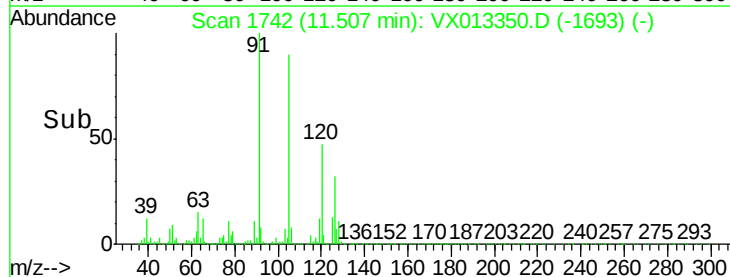
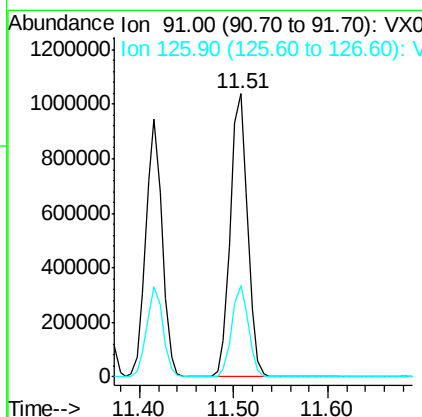
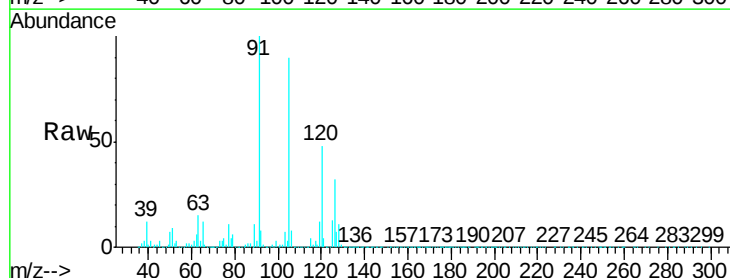
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#82
4-Chlorotoluene
Concen: 47.312 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.3	45.8





#83

tert-Butylbenzene

Concen: 48.164 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

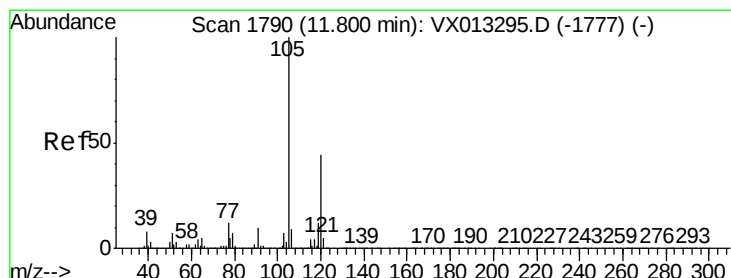
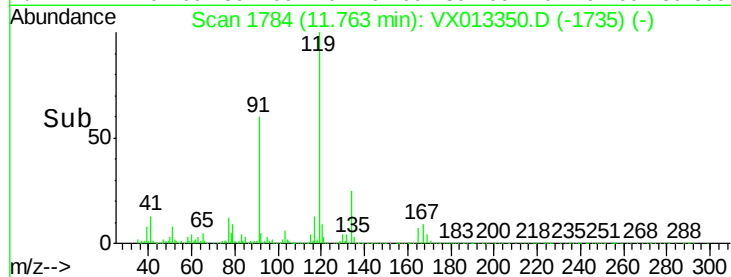
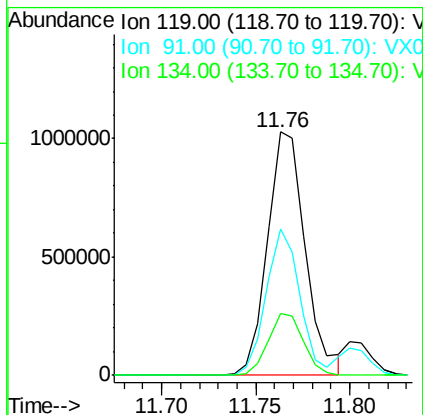
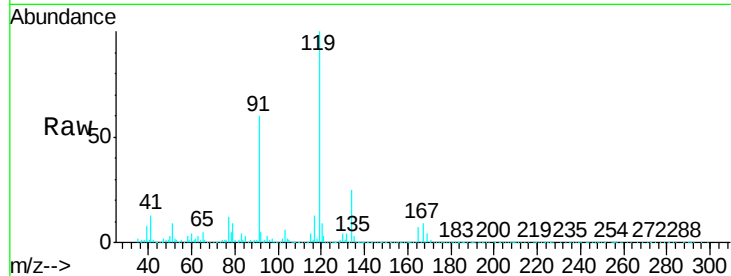
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	119	Resp:	1434018
Ion Ratio	Lower	Upper	
119	100		
91	53.6	26.9	80.7
134	23.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 48.806 ug/l

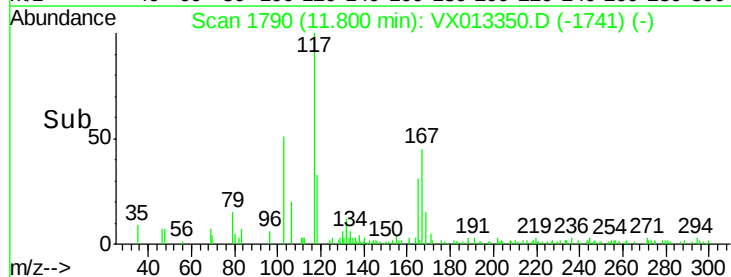
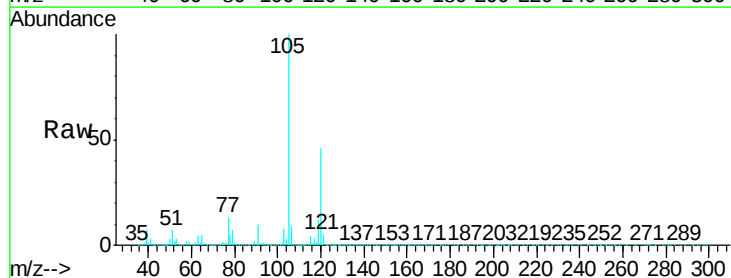
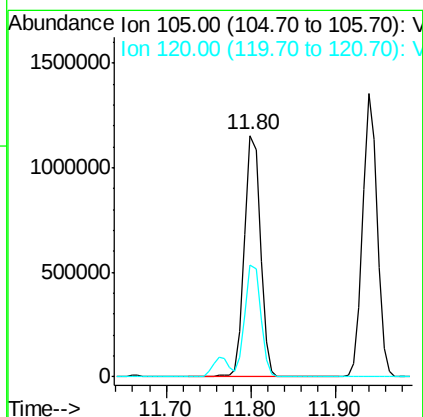
RT: 11.80 min Scan# 1790

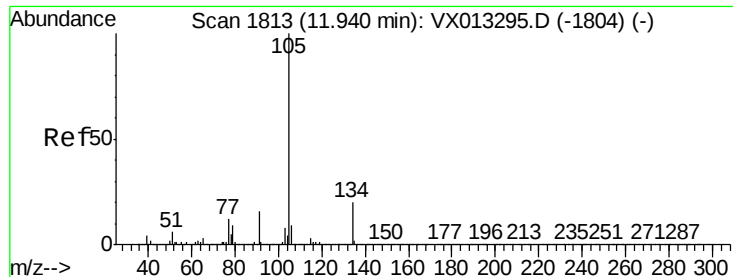
Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	105	Resp:	1448088
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.7	68.1





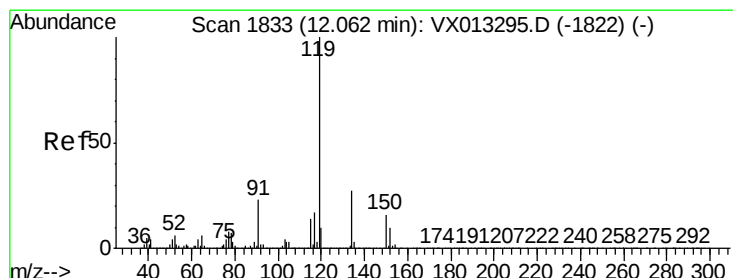
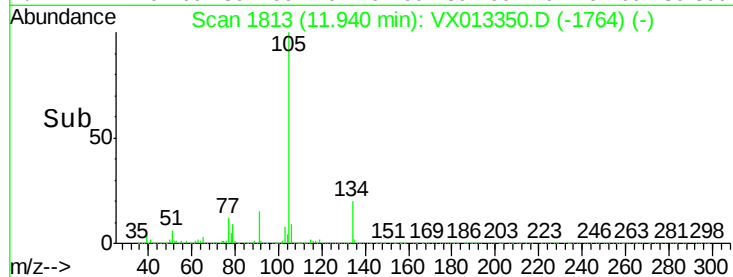
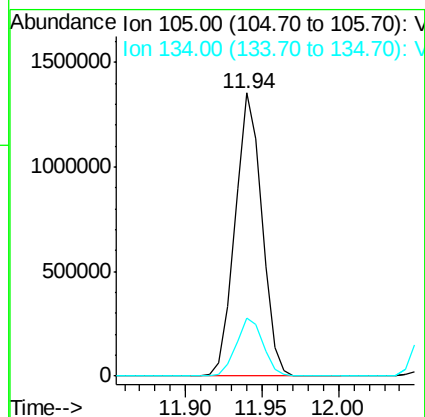
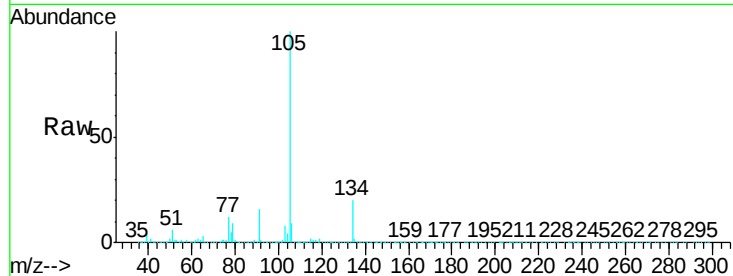
#85
 sec-Butylbenzene
 Concen: 47.839 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1636984
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9

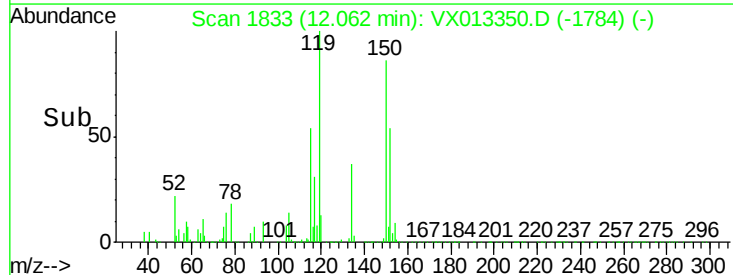
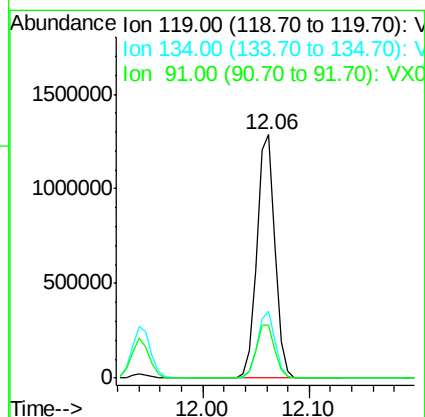
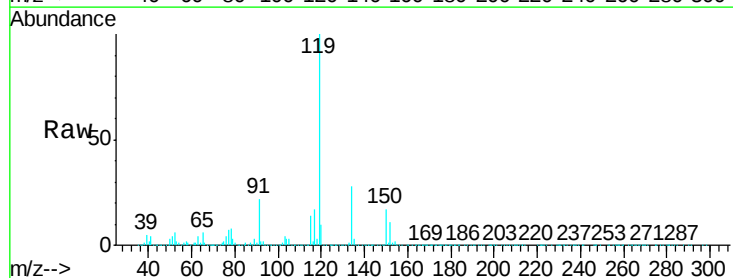
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#86
 p-Isopropyltoluene
 Concen: 48.377 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Tgt Ion:119 Resp: 1524330
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.5 11.5 34.4





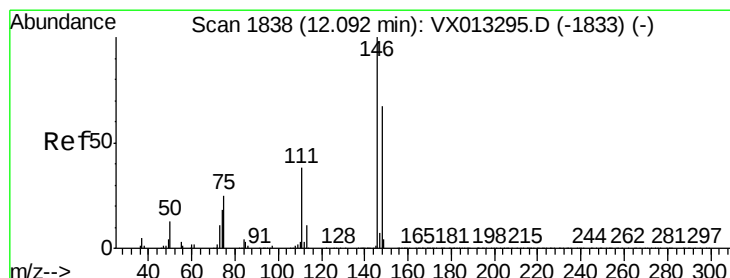
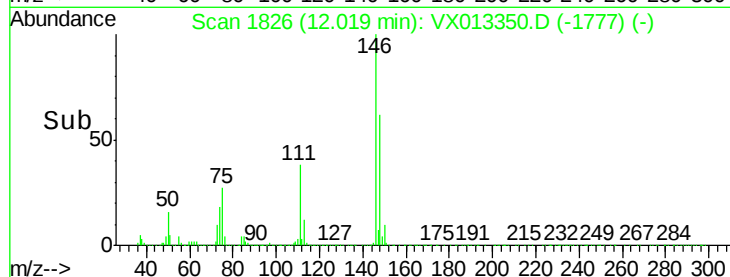
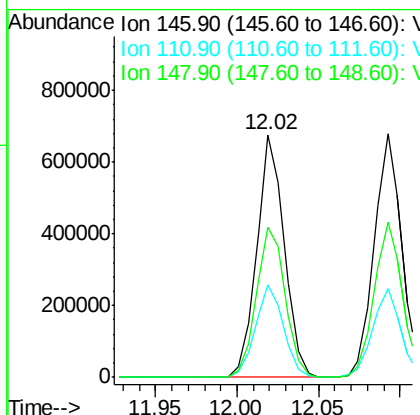
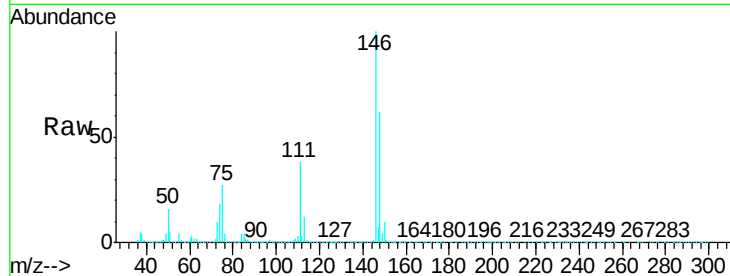
#87
 1,3-Dichlorobenzene
 Concen: 46.911 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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

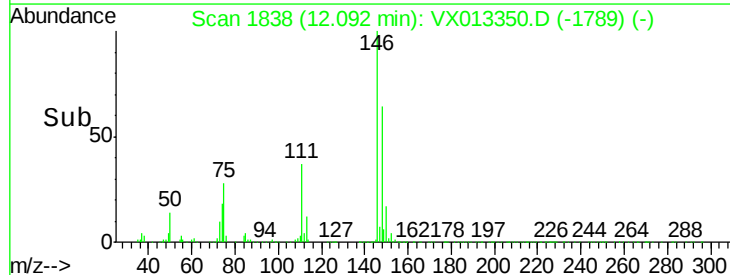
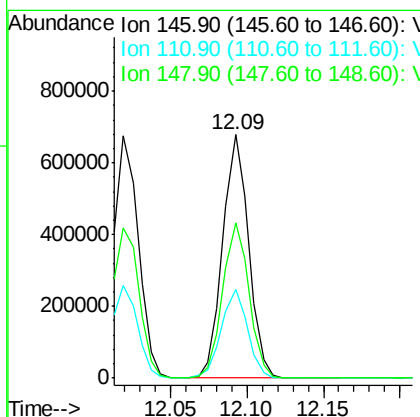
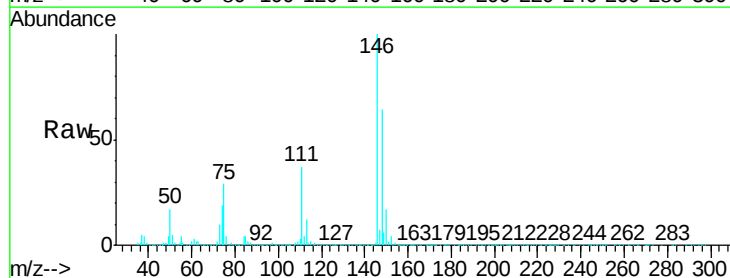
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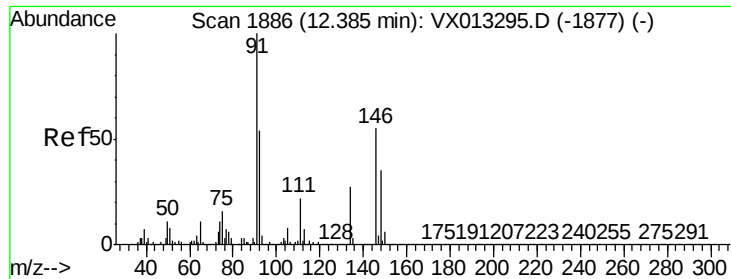
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#88
 1,4-Dichlorobenzene
 Concen: 46.318 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	37.0	18.8	56.4
148	64.6	32.4	97.0





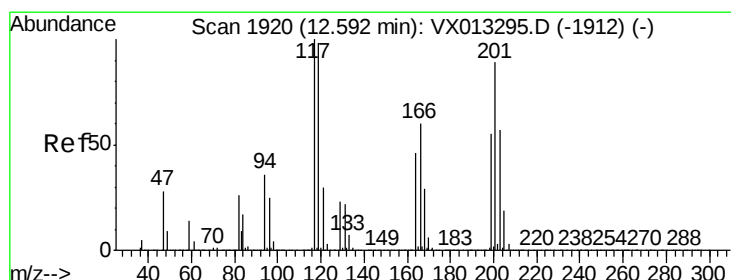
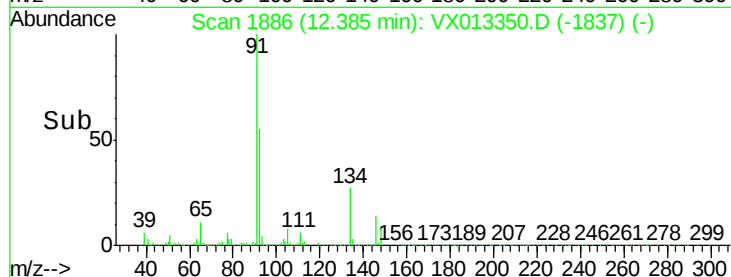
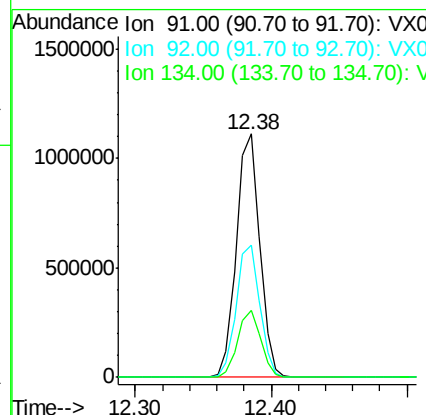
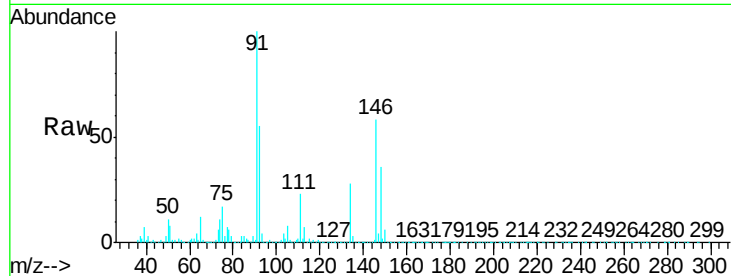
#89
n-Butylbenzene
Concen: 48.317 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1328454
Ion Ratio Lower Upper
91 100
92 54.8 27.3 81.8
134 27.1 13.5 40.5

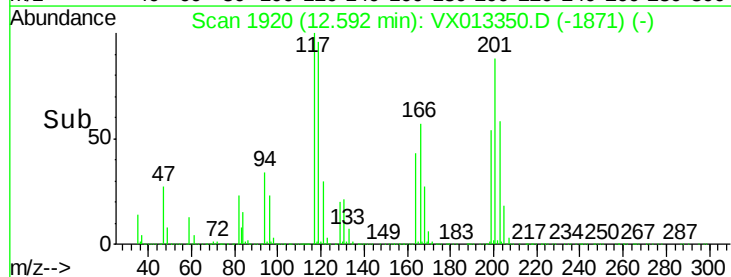
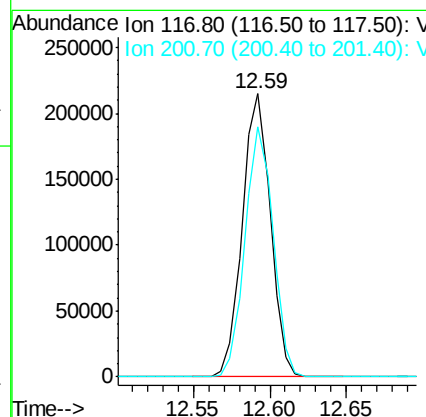
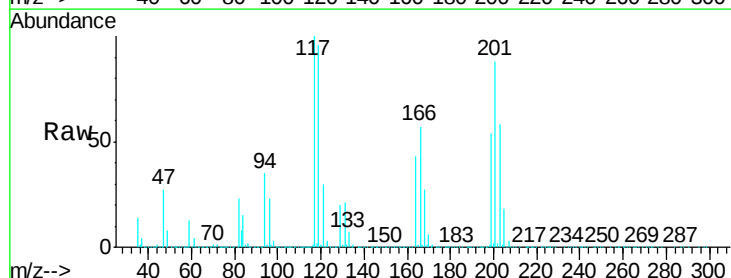
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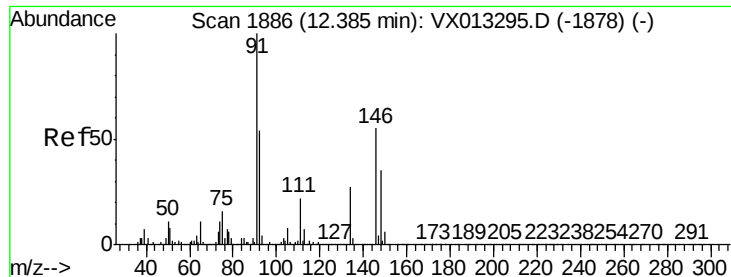
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#90
Hexachloroethane
Concen: 48.566 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013350.D
Acq: 07 Nov 2019 16:46

Tgt Ion: 117 Resp: 272652
Ion Ratio Lower Upper
117 100
201 88.7 43.9 131.7





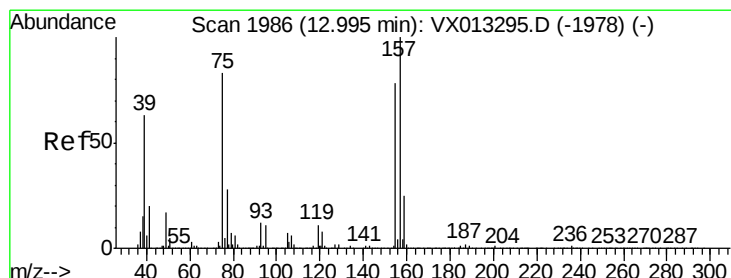
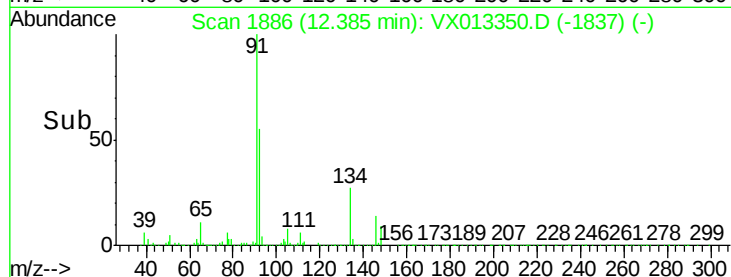
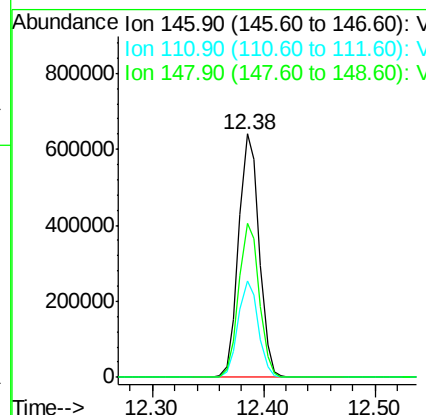
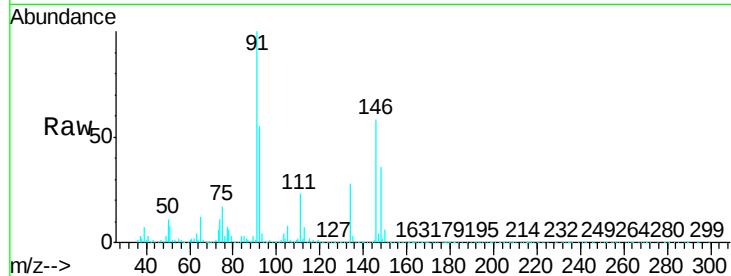
#91
 1,2-Dichlorobenzene
 Concen: 48.326 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	815111		
111	38.9	20.1	60.2	
148	63.1	32.0	96.0	

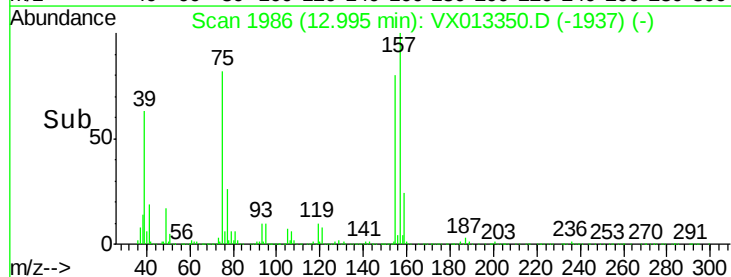
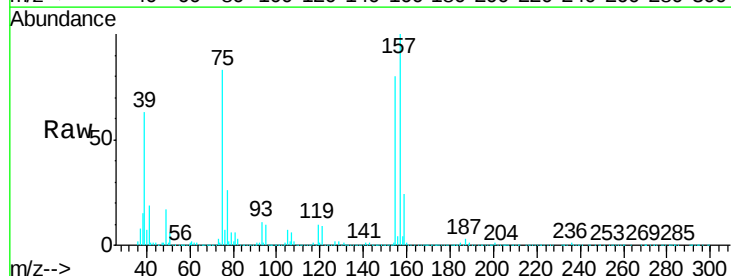
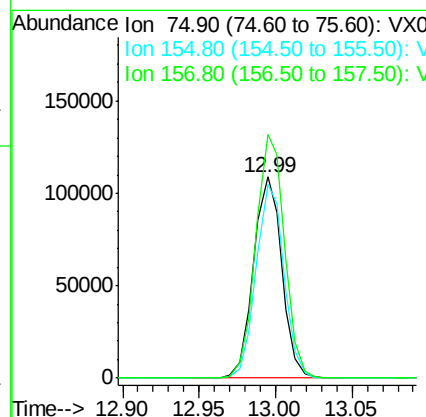
Manual Integrations
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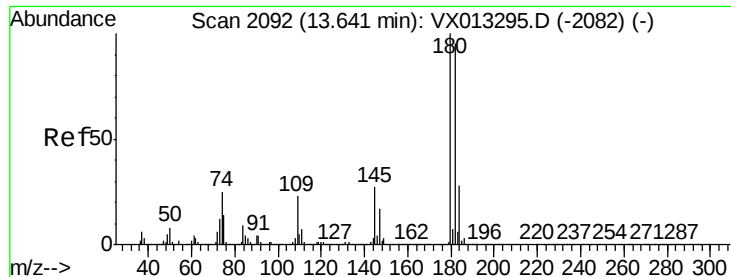
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.159 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	139370		
155	95.5	47.1	141.4	
157	123.4	61.3	183.8	





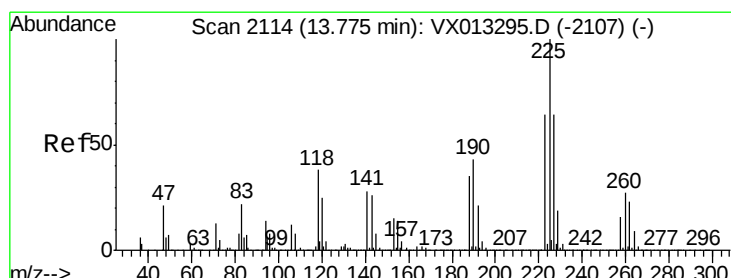
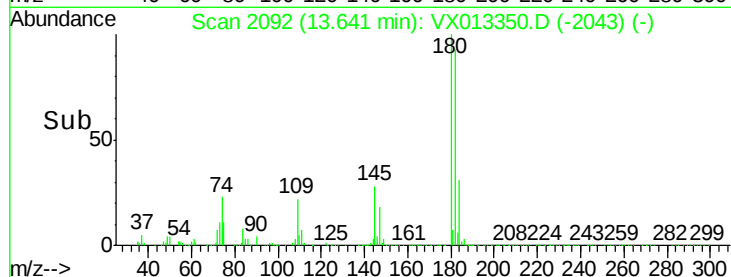
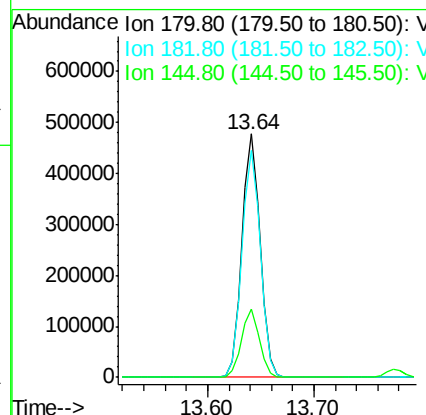
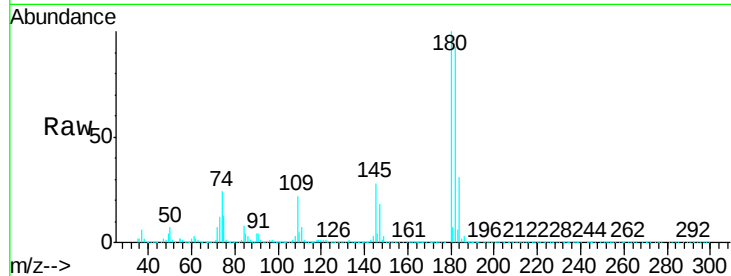
#93
 1,2,4-Trichlorobenzene
 Concen: 48.996 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	576458		
182	94.7	48.4	145.0	
145	27.8	14.1	42.4	

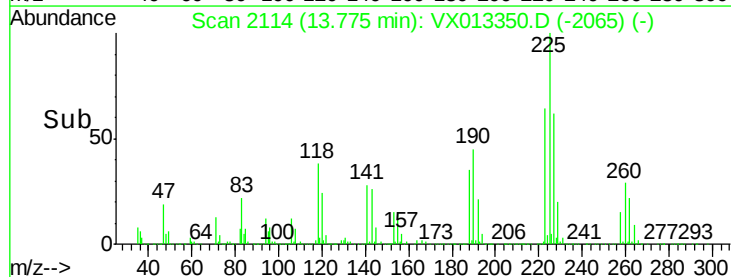
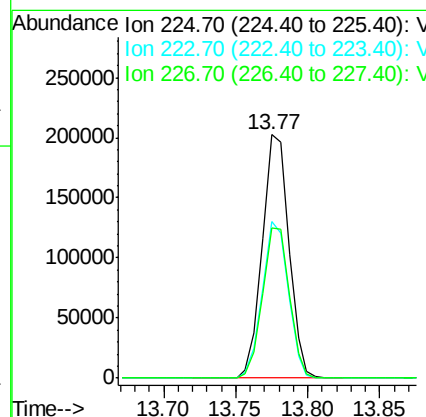
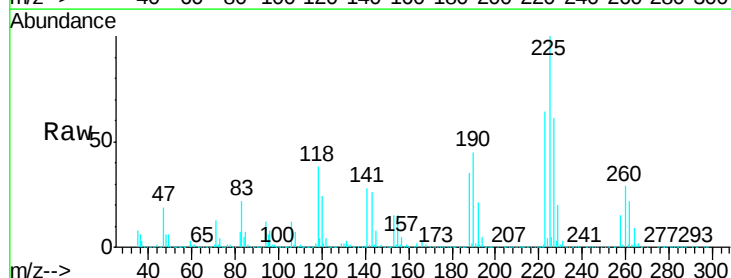
Manual Integrations
 APPROVED

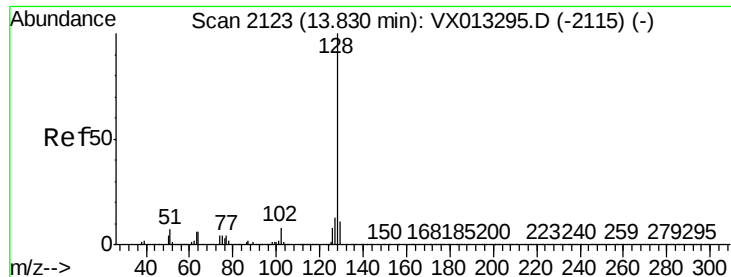
MMDadoda
 11/8/2019 9:33:17 AM



#94
 Hexachlorobutadiene
 Concen: 44.632 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013350.D
 Acq: 07 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	256909		
223	62.7	31.9	95.7	
227	62.3	31.9	95.9	





#95

Naphthalene

Concen: 50.001 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Instrument :

MSVOA_X

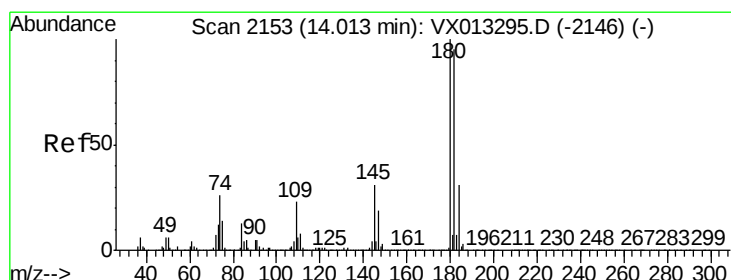
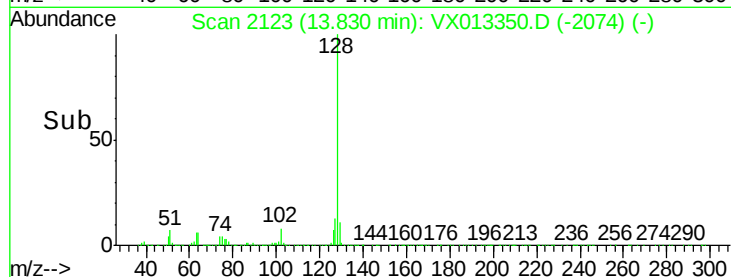
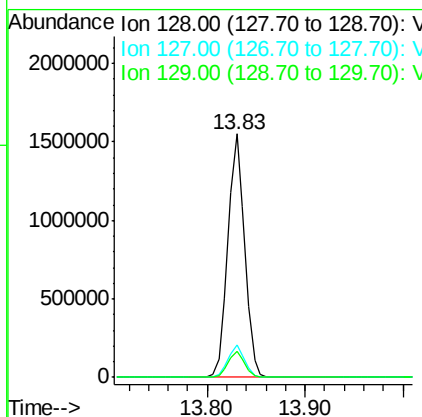
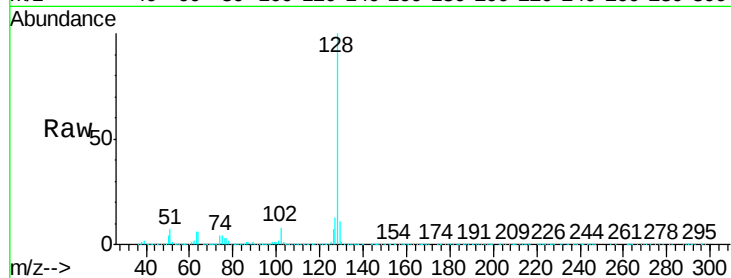
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	1845753
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.6	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.836 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013350.D

Acq: 07 Nov 2019 16:46

Tgt Ion:	180	Resp:	576235
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.2
145	29.2	15.4	46.4

