

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012433.D
 Acq On : 17 Sep 2019 13:56
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:22:25 AM

Quant Time: Sep 17 15:29:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:57:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	338175	145.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.84%	
35) Dibromofluoromethane	5.49	113	248294	150.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.40%	
50) Toluene-d8	8.71	98	916836	150.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.50%	
62) 4-Bromofluorobenzene	11.14	95	397581	158.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	160484	168.702	ug/l	99
3) Chloromethane	1.31	50	137858	157.156	ug/l	99
4) Vinyl Chloride	1.40	62	153099	162.415	ug/l	97
5) Bromomethane	1.62	94	54607	144.350	ug/l	97
7) Trichlorofluoromethane	1.91	101	271091	155.733	ug/l	99
8) Diethyl Ether	2.18	74	115207	144.750	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	191267	151.082	ug/l	99
10) Methyl Iodide	2.49	142	174247	189.798	ug/l	97
11) Tert butyl alcohol	3.06	59	432363	685.613	ug/l	100
12) 1,1-Dichloroethene	2.35	96	157118	156.513	ug/l	96
13) Acrolein	2.28	56	153961	676.372	ug/l	99
14) Allvl chloride	2.71	41	373403	160.466	ug/l	99
15) Acrylonitrile	3.14	53	772604	778.386	ug/l	99
16) Acetone	2.44	43	766777	641.611	ug/l	99
17) Carbon Disulfide	2.55	76	221321	183.222	ug/l	99
18) Methyl Acetate	2.76	43	361014	150.367	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	831395	150.967	ug/l	99
20) Methylene Chloride	2.84	84	206079	147.284	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	162640	155.915	ug/l	96
22) Diisopropyl ether	3.85	45	824639	149.535	ug/l	90
23) Vinyl Acetate	3.81	43	3575116	796.680	ug/l	99
24) 1,1-Dichloroethane	3.68	63	405242	154.418	ug/l	98
25) 2-Butanone	4.67	43	1178234	734.352	ug/l	99
26) 2,2-Dichloropropane	4.57	77	383229	147.317	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	239641	153.351	ug/l	98
28) Bromochloromethane	5.01	49	190256	138.085	ug/l	99
29) Tetrahydrofuran	5.12	42	691276	789.492	ug/l	100
30) Chloroform	5.20	83	443763	145.841	ug/l	97
31) Cyclohexane	5.57	56	249674	158.640	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	387110	153.522	ug/l	100
36) 1,1-Dichloropropene	5.79	75	253189	153.493	ug/l	98
37) Ethyl Acetate	4.83	43	416239	166.815	ug/l	99
38) Carbon Tetrachloride	5.78	117	320778	156.960	ug/l	99
39) Methylcyclohexane	7.45	83	263088	166.413	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	813144	155.338	ug/l	99
41) Methacrylonitrile	5.03	41	246282	150.572	ug/l	99
42) 1,2-Dichloroethane	6.18	62	360724	147.246	ug/l	100
43) Isopropyl Acetate	6.43	43	719108	159.245	ug/l	100
44) Trichloroethene	7.20	130	214741	156.076	ug/l	93
45) 1,2-Dichloropropane	7.51	63	244340	151.244	ug/l	98
46) Dibromomethane	7.65	93	159190	152.478	ug/l	99
47) Bromodichloromethane	7.89	83	371834	161.567	ug/l	98
48) Methyl methacrylate	7.76	41	343751	161.971	ug/l	99
49) 1,4-Dioxane	7.73	88	159953	3067.487	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2358897	796.625	ug/l	99
52) Toluene	8.78	92	527792	156.709	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	408244	172.739	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	409401	166.127	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	267238	153.462	ug/l	98
56) Ethyl methacrylate	9.17	69	457139	171.198	ug/l	99
57) 1,3-Dichloropropane	9.37	76	430317	155.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1139764	817.740	ug/l	100
59) 2-Hexanone	9.49	43	1818338	785.112	ug/l	98
60) Dibromochloromethane	9.58	129	303845	175.469	ug/l	99
61) 1,2-Dibromoethane	9.67	107	255472	162.182	ug/l	99
64) Tetrachloroethene	9.33	164	168159	145.359	ug/l	97
65) Chlorobenzene	10.14	112	637552	154.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	277939	164.083	ug/l	100
67) Ethyl Benzene	10.25	91	1106417	156.472	ug/l	99
68) m/p-Xylenes	10.35	106	818999	319.478	ug/l	99
69) o-Xylene	10.70	106	422438	160.339	ug/l	100
70) Stvrene	10.71	104	787380	170.865	ug/l	98
71) Bromoform	10.85	173	234131	190.061	ug/l #	98
73) Isopropylbenzene	11.01	105	1192368	151.007	ug/l	100
74) N-amyl acetate	10.89	43	675693	160.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	468736	151.395	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	436249m	150.891	ug/l	
77) Bromobenzene	11.25	156	300620	157.177	ug/l	99
78) n-propylbenzene	11.35	91	1382939	158.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	859848	150.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1039899	155.129	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	165255	175.316	ug/l	97
82) 4-Chlorotoluene	11.51	91	1005682	153.470	ug/l	100
83) tert-Butylbenzene	11.77	119	1085745	150.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1073614	156.161	ug/l	99
85) sec-Butylbenzene	11.94	105	1244403	157.656	ug/l	99
86) p-Isopropyltoluene	12.06	119	1163665	161.175	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	566339	157.462	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	568311	153.082	ug/l	99
89) n-Butylbenzene	12.38	91	1050077	163.406	ug/l	99
90) Hexachloroethane	12.59	117	227580	174.406	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	560447	147.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	129149	162.961	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	401152	167.507	ug/l	99

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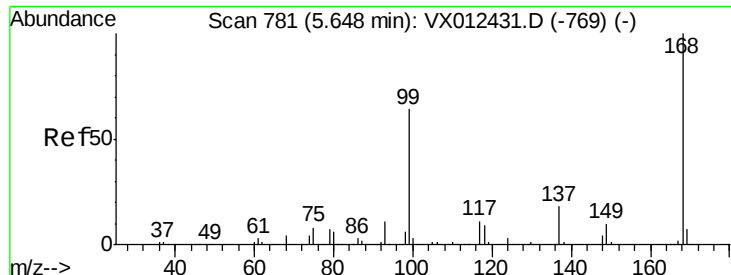
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	179336	157.077	ug/l	99
95) Naphthalene	13.83	128	1435126	168.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	400499	163.372	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 160827

Ion Ratio Lower Upper

168 100

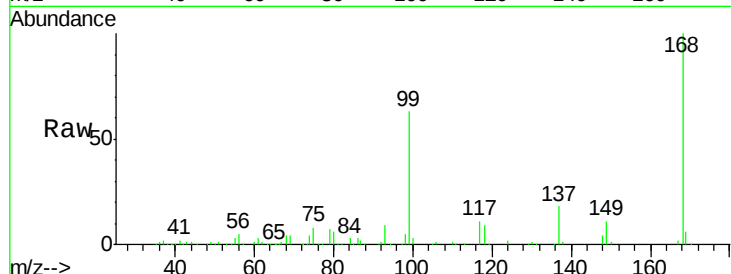
99 62.6 51.4 77.2

Manual Integrations

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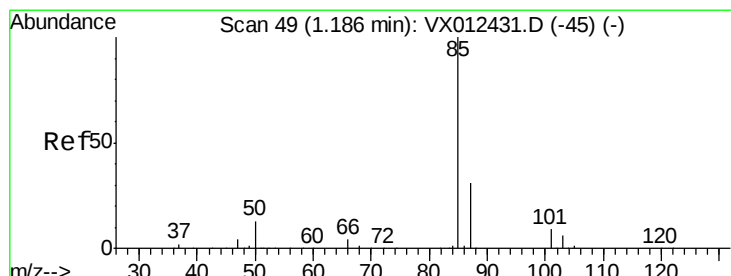
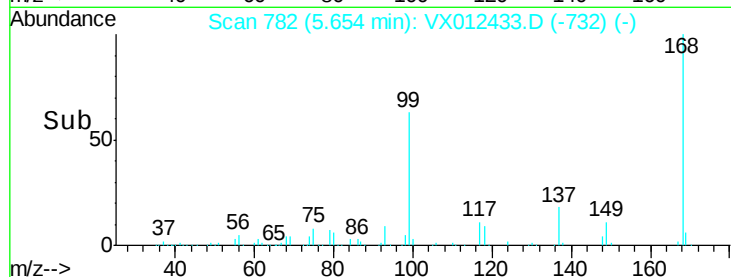
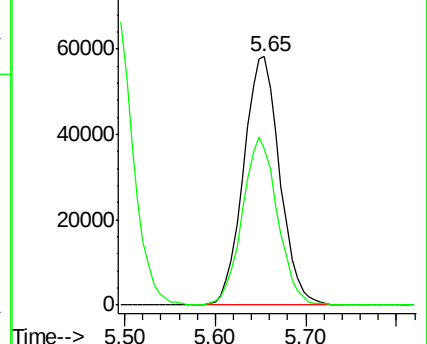
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 168.702 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012433.D

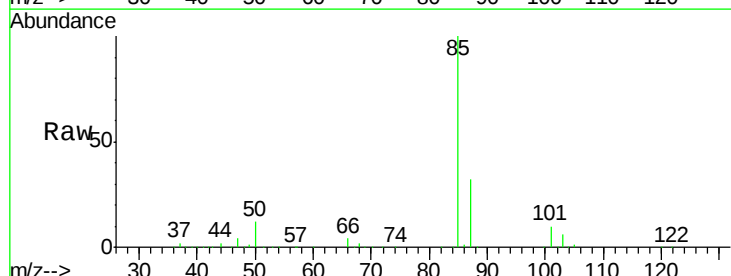
Acq: 17 Sep 2019 13:56

Tgt Ion: 85 Resp: 160484

Ion Ratio Lower Upper

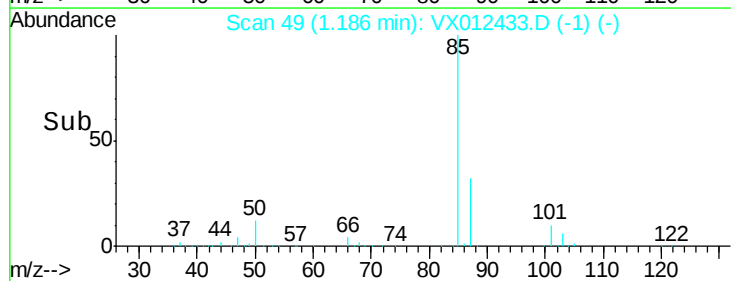
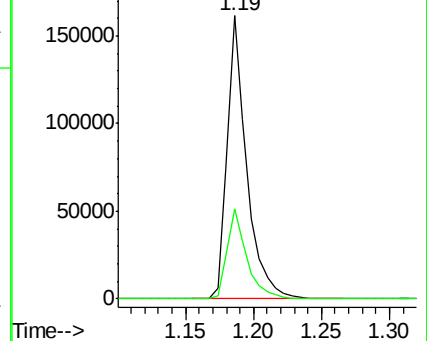
85 100

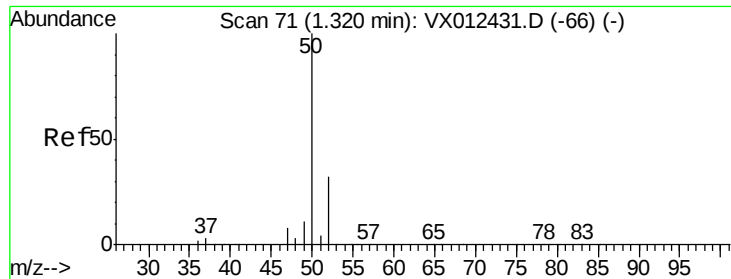
87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 157.156 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 137858

Ion Ratio Lower Upper

50 100

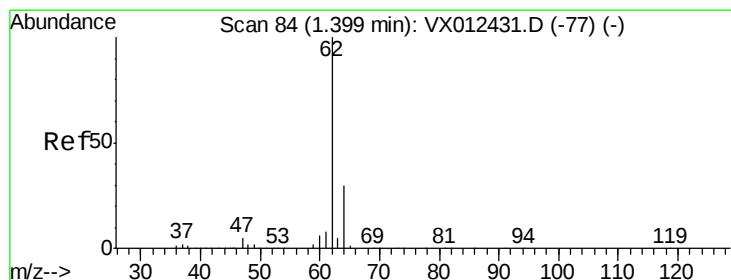
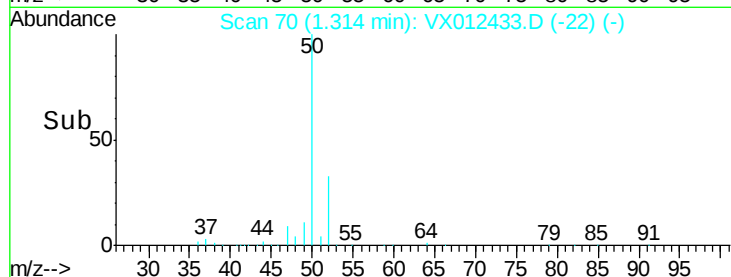
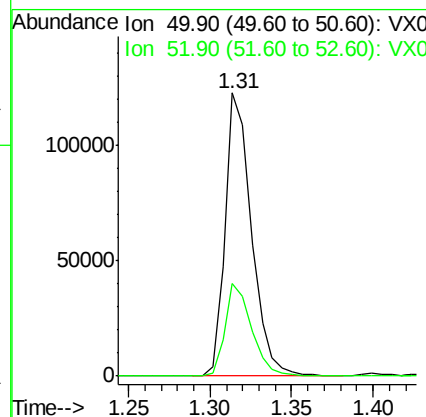
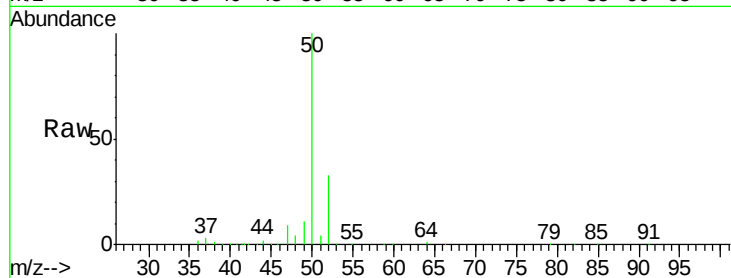
52 32.8 25.7 38.5

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#4

Vinyl Chloride

Concen: 162.415 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012433.D

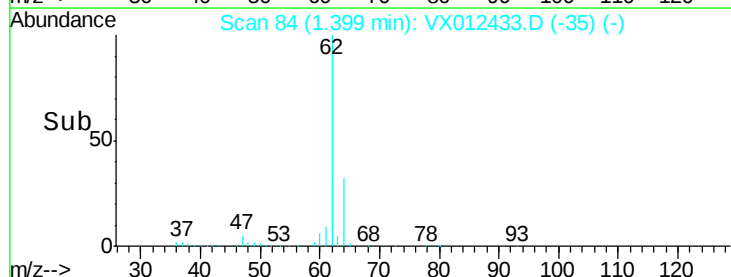
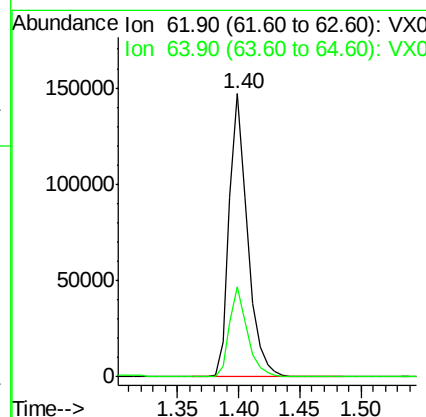
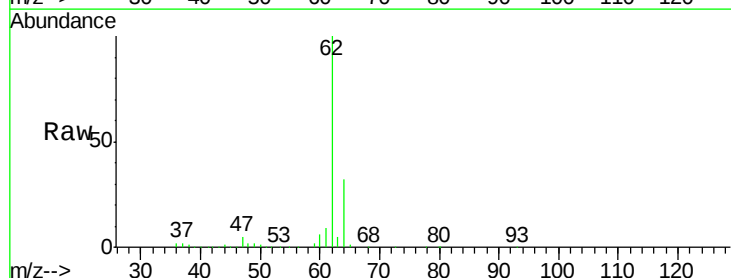
Acq: 17 Sep 2019 13:56

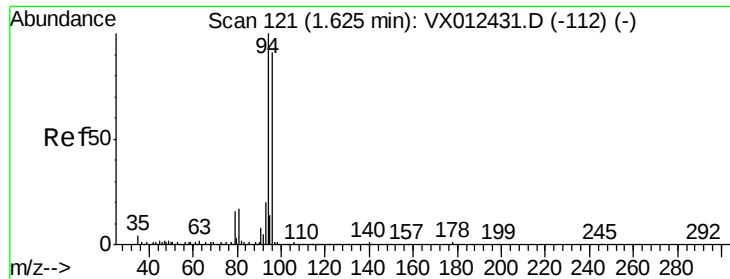
Tgt Ion: 62 Resp: 153099

Ion Ratio Lower Upper

62 100

64 31.8 24.2 36.2





#5

Bromomethane

Concen: 144.350 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 54607

Ion Ratio Lower Upper

94 100

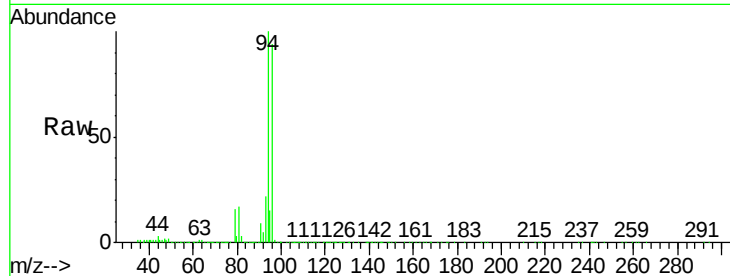
96 94.1 72.8 109.2

Manual Integrations

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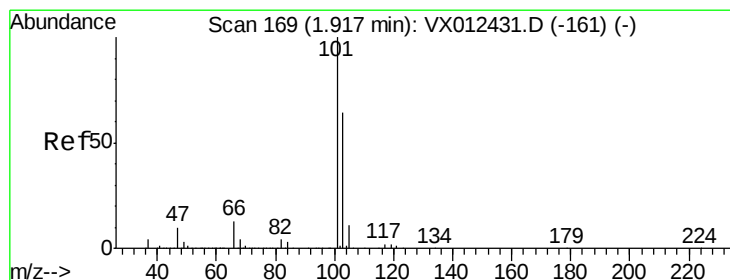
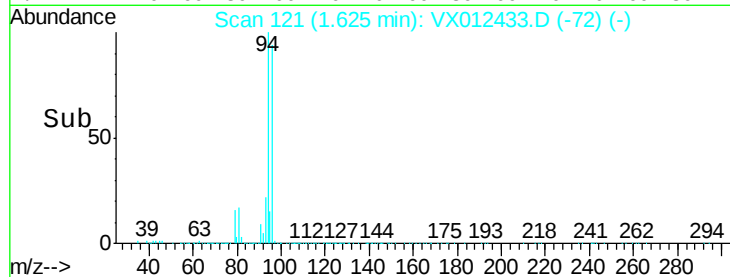
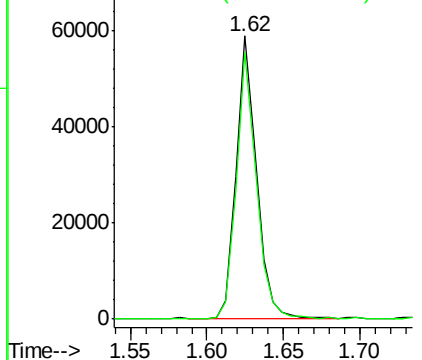
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#7

Trichlorofluoromethane

Concen: 155.733 ug/l

RT: 1.91 min Scan# 167

Delta R.T. -0.01 min

Lab File: VX012433.D

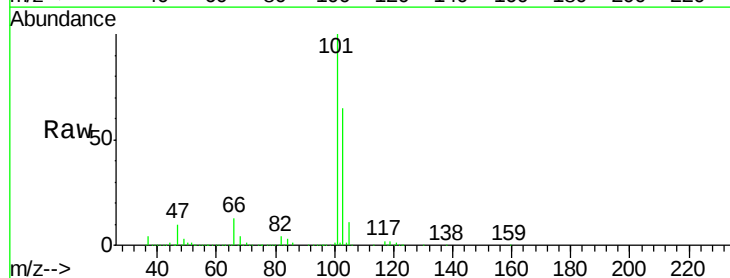
Acq: 17 Sep 2019 13:56

Tgt Ion: 101 Resp: 271091

Ion Ratio Lower Upper

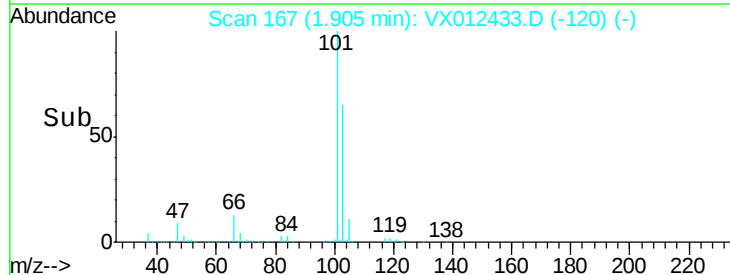
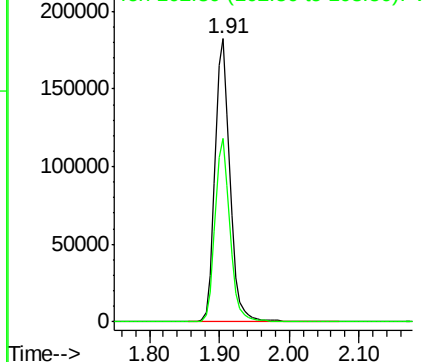
101 100

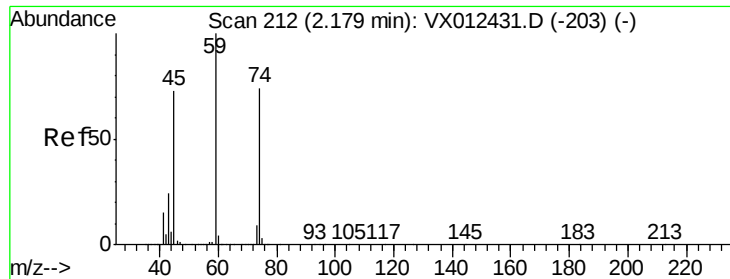
103 64.8 51.0 76.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 144.750 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

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Tot Ion: 74 Resp: 115207

Ion Ratio Lower Upper

74 100

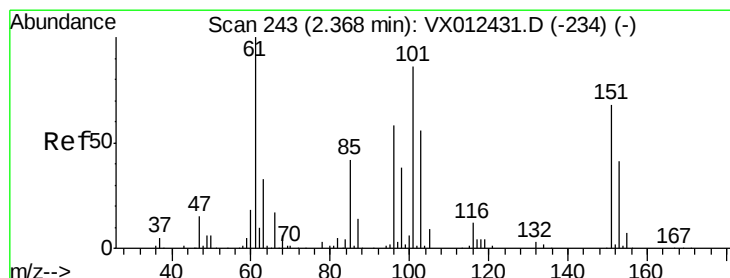
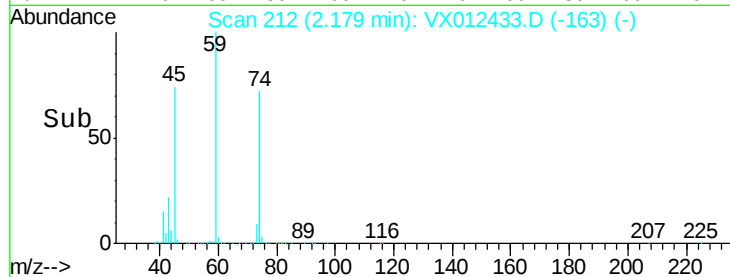
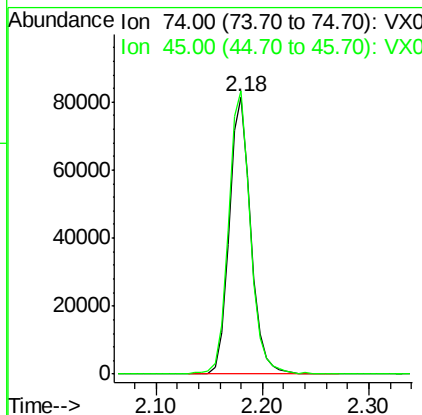
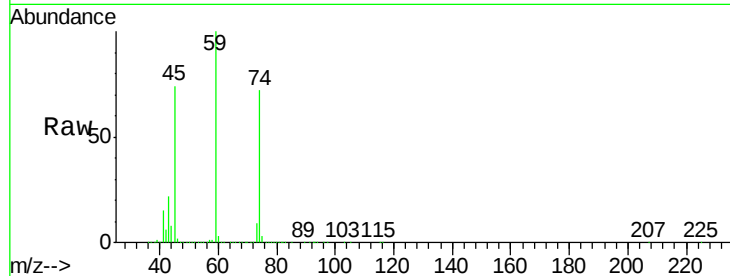
45 103.5 49.9 149.7

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.082 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

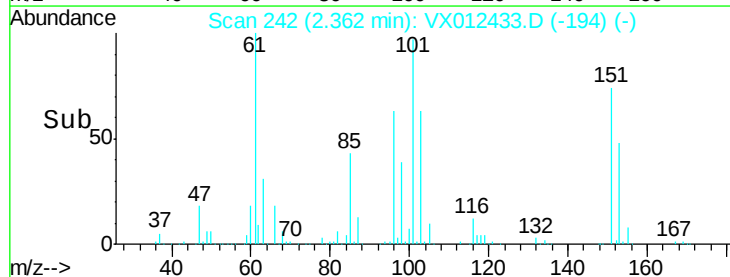
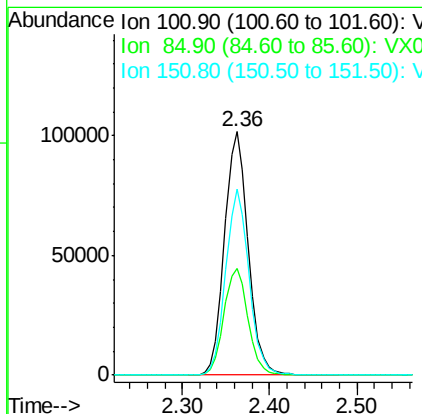
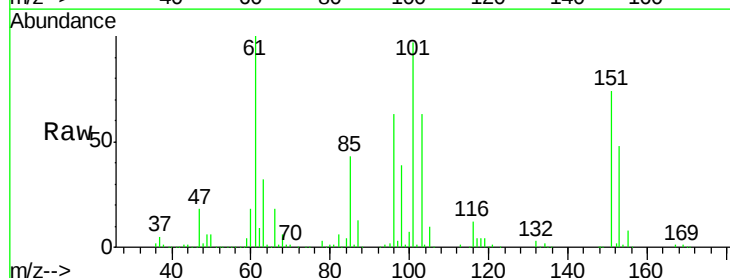
Tgt Ion: 101 Resp: 191267

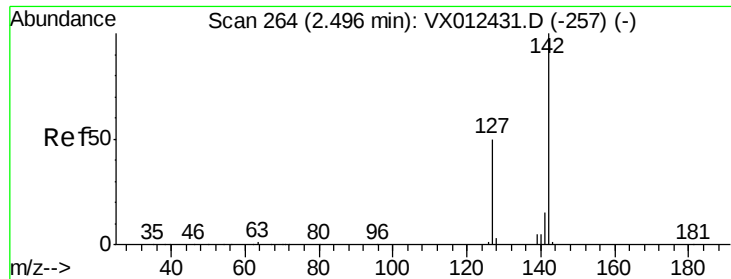
Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

151 75.6 61.0 91.4





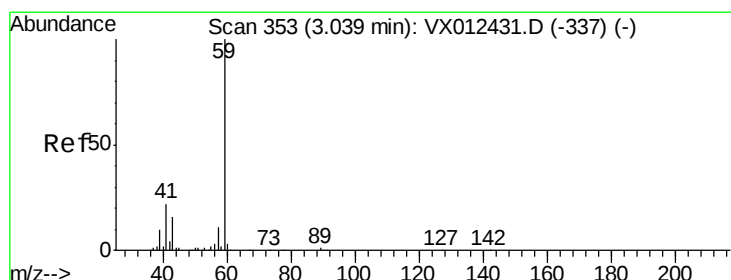
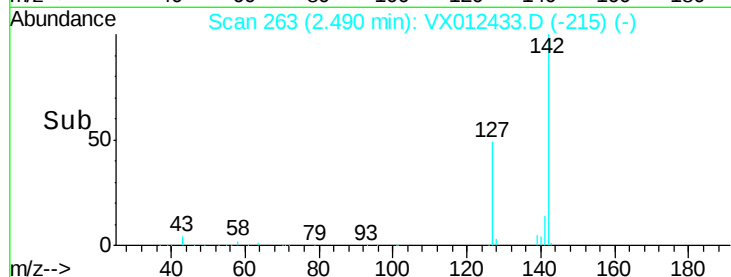
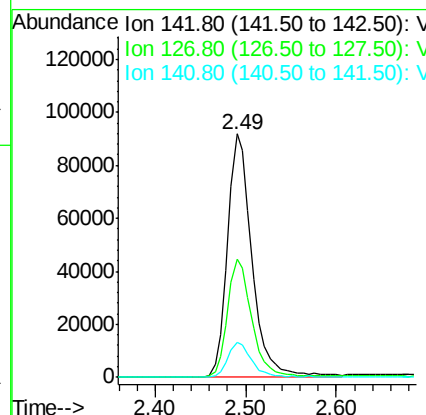
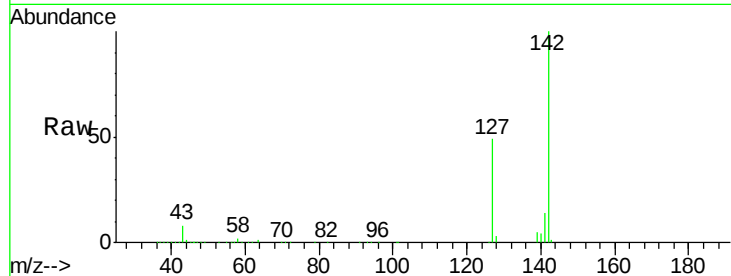
#10
Methvl Iodide
Concen: 189.798 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.4	40.8	61.2
141	14.3	12.1	18.1

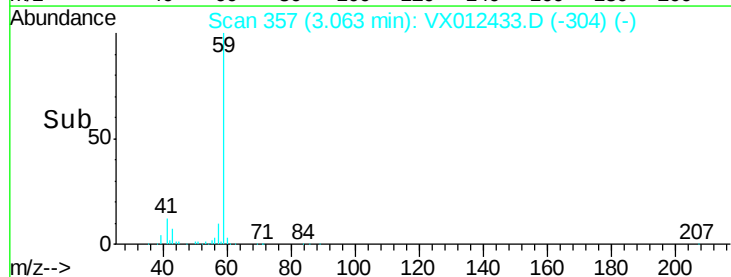
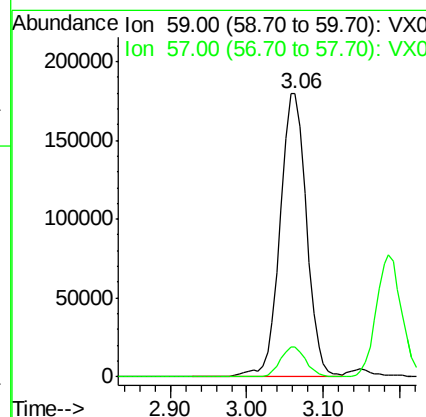
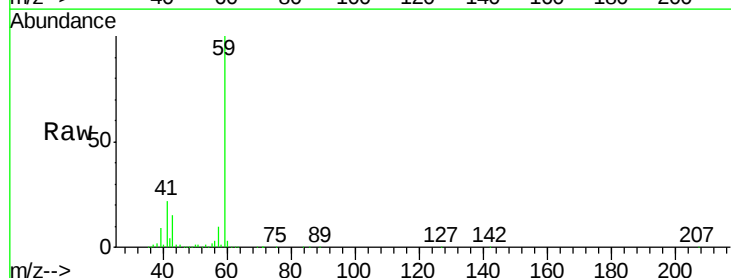
Manual Integrations
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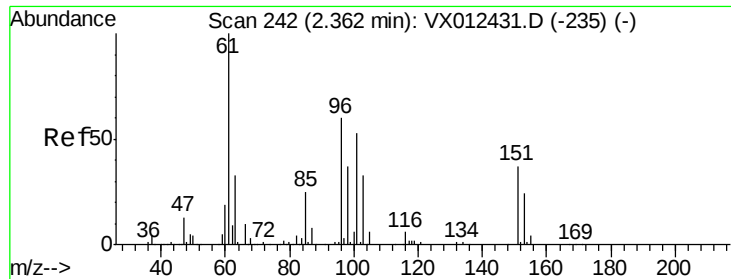
MMDadoda
9/18/2019 11:22:25 AM



#11
Tert butyl alcohol
Concen: 685.613 ug/l
RT: 3.06 min Scan# 357
Delta R.T. 0.02 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5





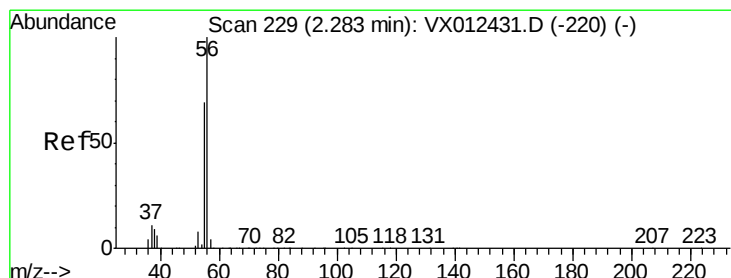
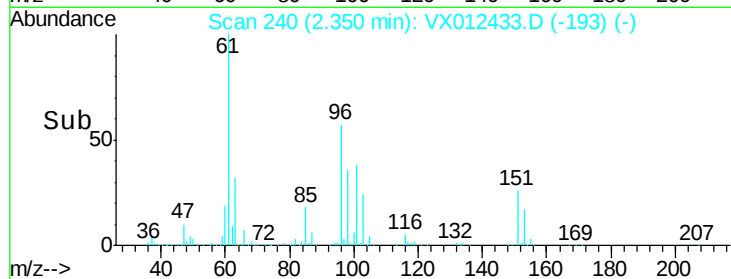
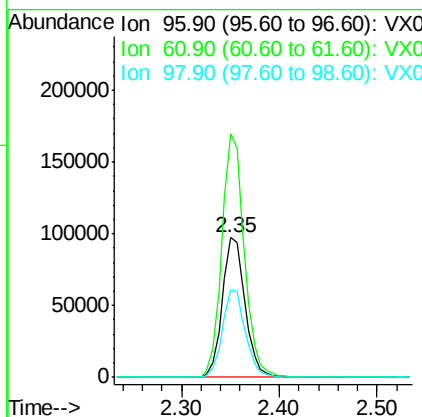
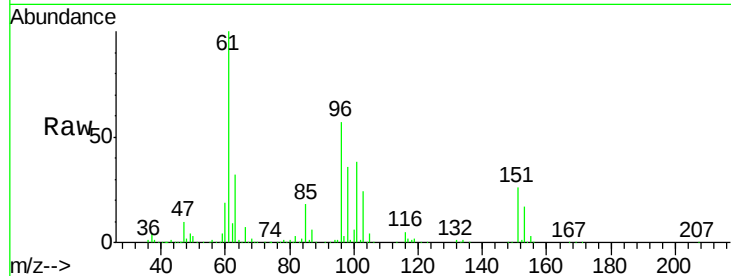
#12
 1,1-Dichloroethene
 Concen: 156.513 ug/l
 RT: 2.35 min Scan# 240
 Delta R.T. -0.01 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157118		
61	174.8	133.8	200.6	
98	63.0	49.9	74.9	

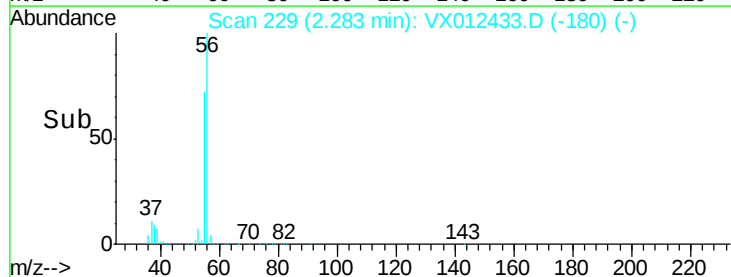
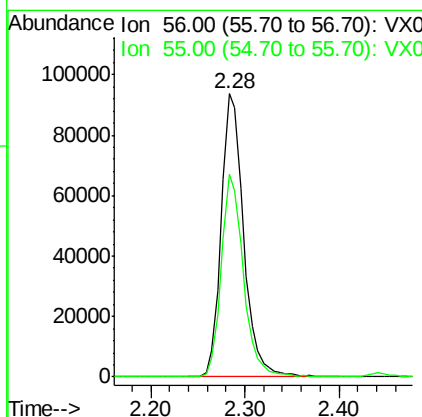
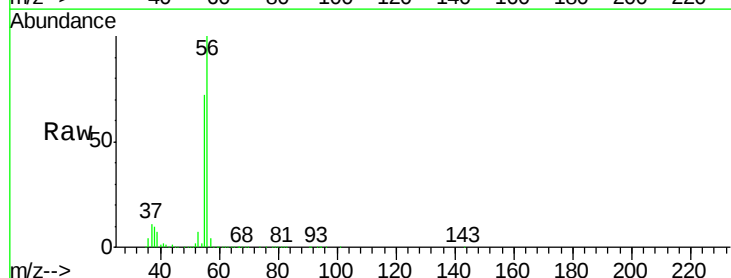
Manual Integrations
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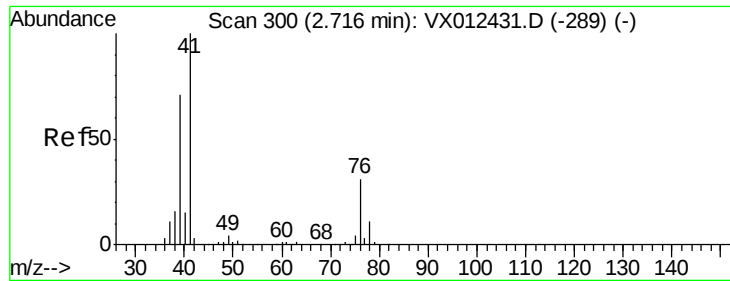
MMDadoda
 9/18/2019 11:22:25 AM



#13
 Acrolein
 Concen: 676.372 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	153961		
55	70.7	55.8	83.8	





#14

Allvl chloride

Concen: 160.466 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

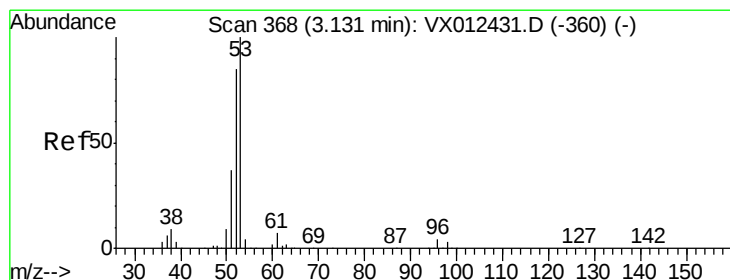
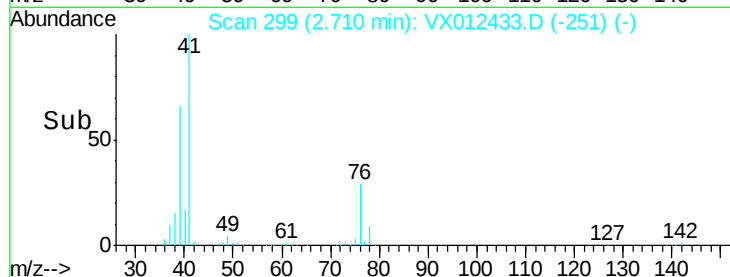
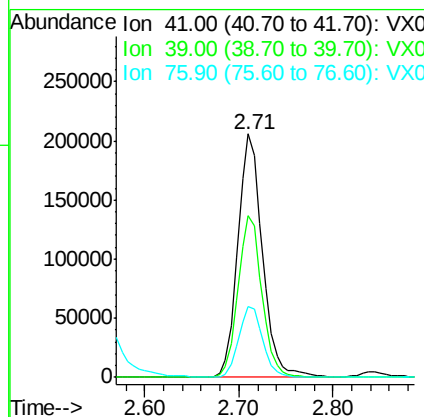
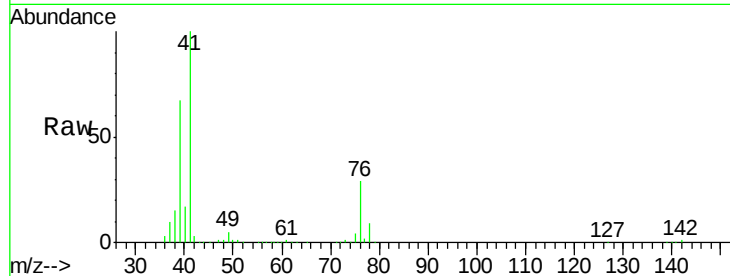
ClientSampleId :

VSTDICC150

Tot Ion:	41	Resp:	373403
Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.3	76.9
76	28.5	22.6	33.8

Manual Integrations
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#15

Acrylonitrile

Concen: 778.386 ug/l

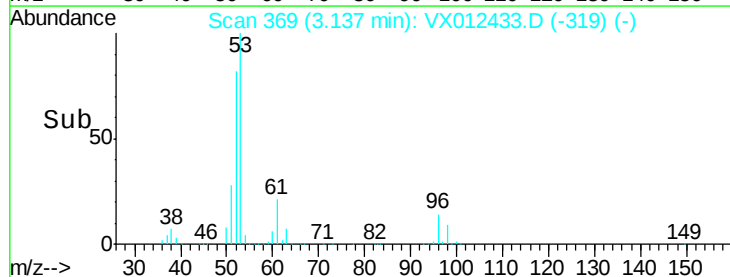
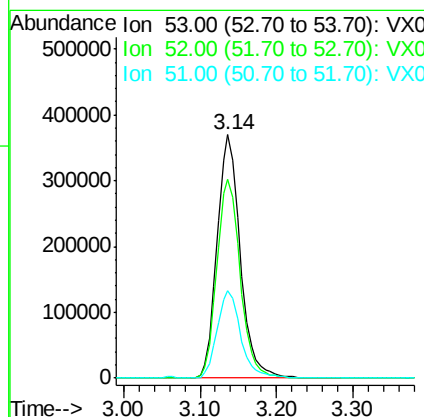
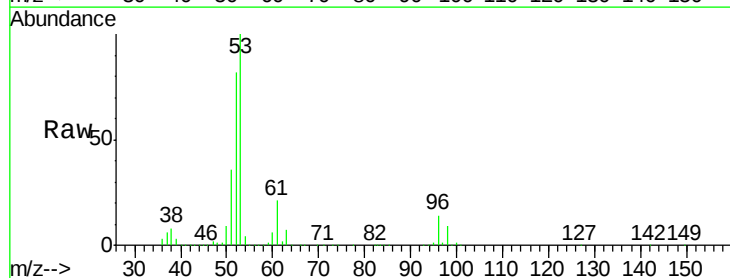
RT: 3.14 min Scan# 369

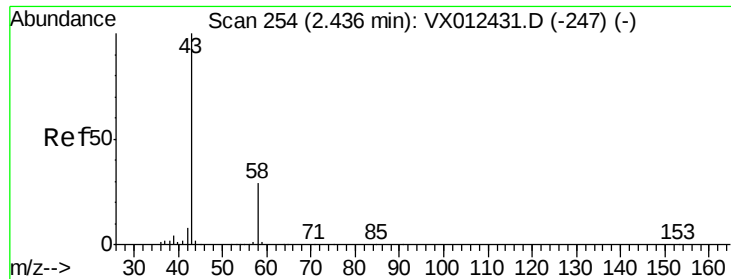
Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:	53	Resp:	772604
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	36.5	29.6	44.4





#16

Acetone

Concen: 641.611 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 766777

Ion Ratio Lower Upper

43 100

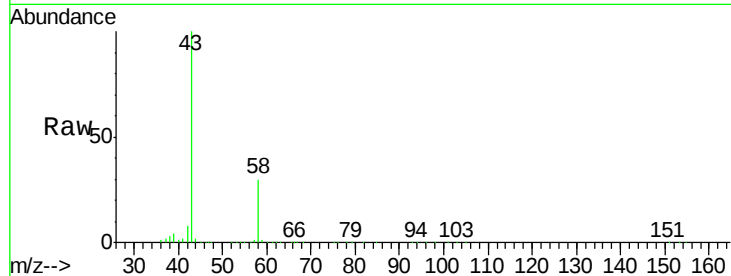
58 29.6 23.3 34.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

400000

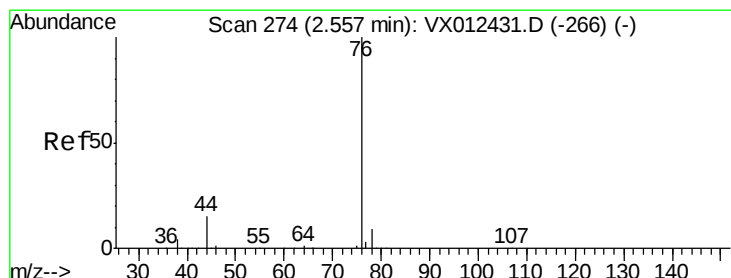
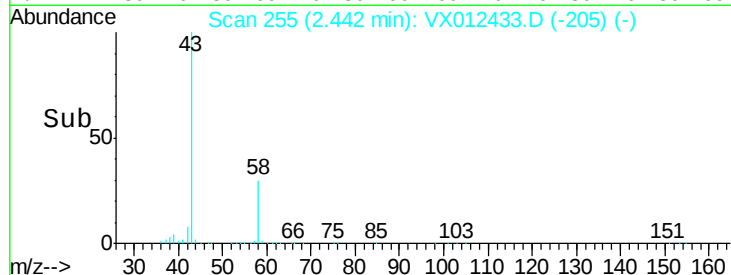
300000

200000

100000

0

Time--> 2.30 2.40 2.50 2.60



#17

Carbon Disulfide

Concen: 183.222 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012433.D

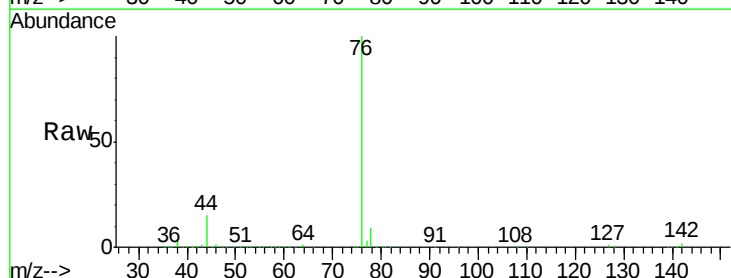
Acq: 17 Sep 2019 13:56

Tgt Ion: 76 Resp: 221321

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

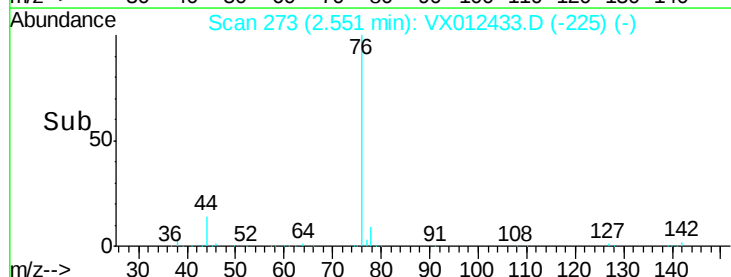
2.55

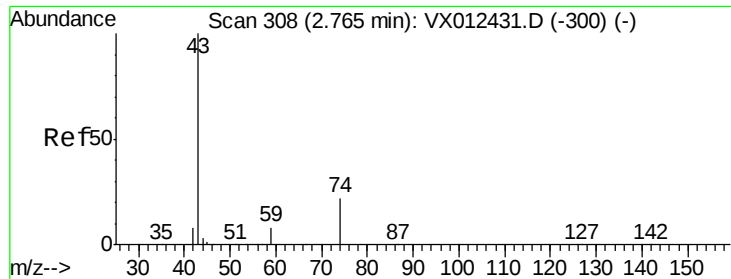
100000

50000

0

Time--> 2.50 2.60 2.70





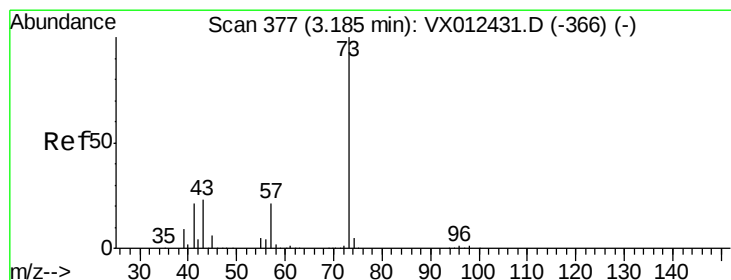
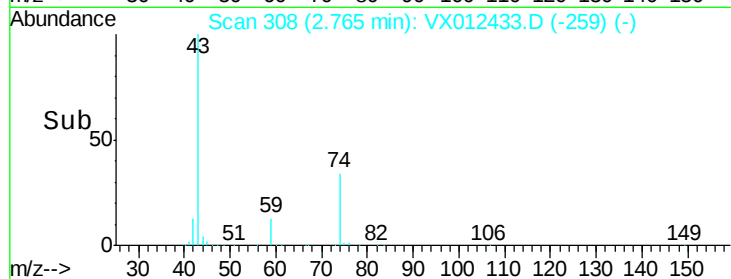
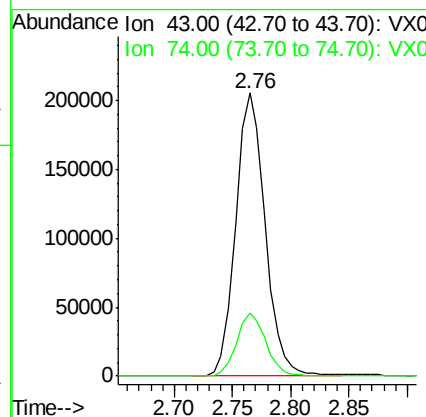
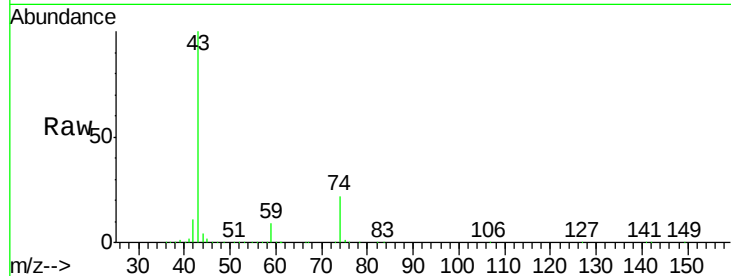
#18
Methyl Acetate
Concen: 150.367 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.7	26.5

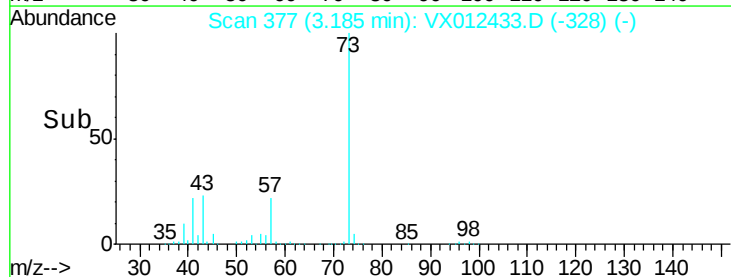
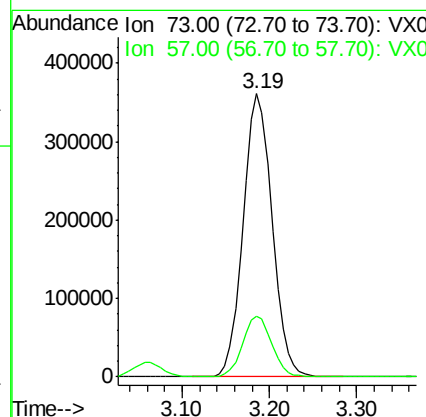
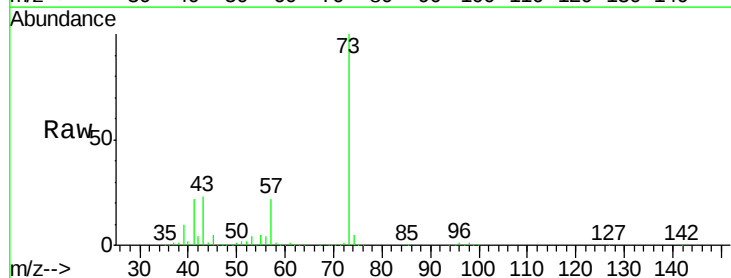
Manual Integrations
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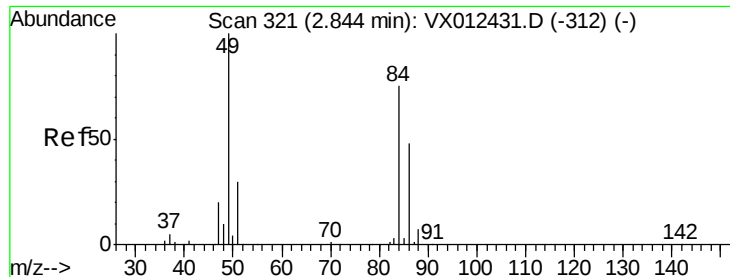
MMDadoda
9/18/2019 11:22:25 AM



#19
Methyl tert-butyl Ether
Concen: 150.967 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2





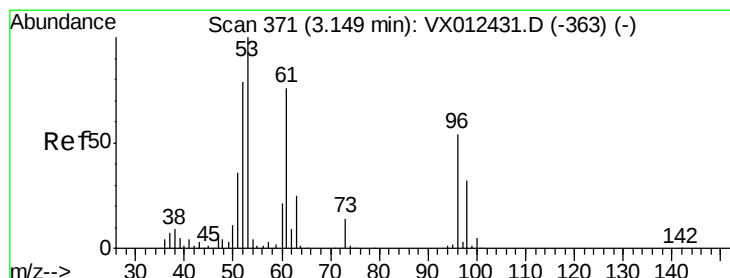
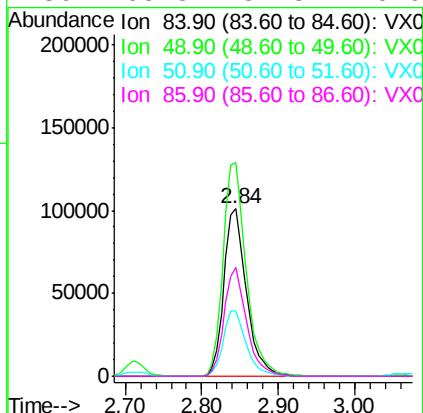
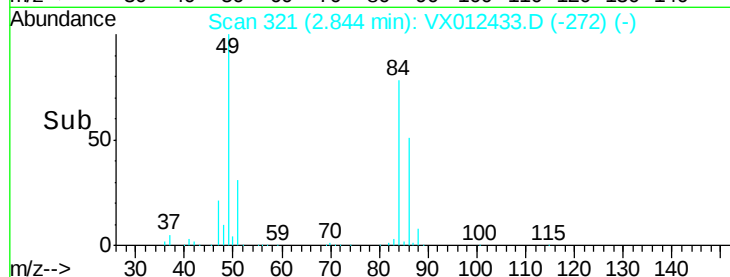
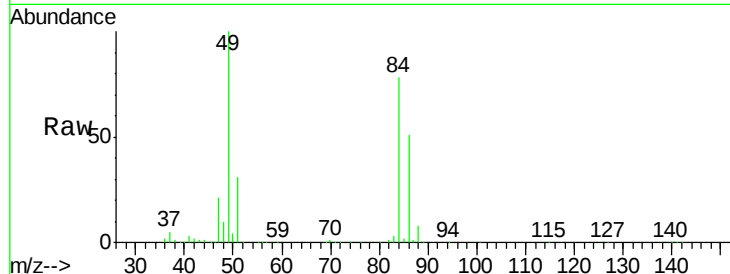
#20
Methvlene Chloride
Concen: 147.284 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	84	Resp	206079
Ion Ratio	Lower	Upper	
84	100		
49	127.7	106.8	160.2
51	39.3	32.3	48.5
86	65.3	51.3	76.9

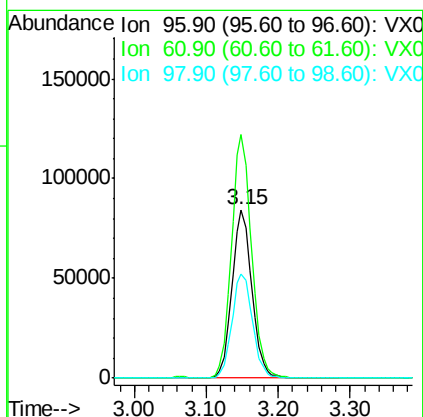
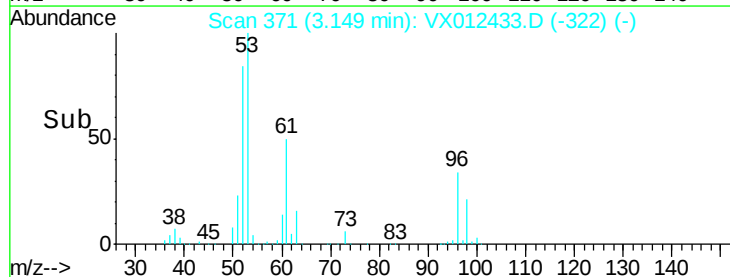
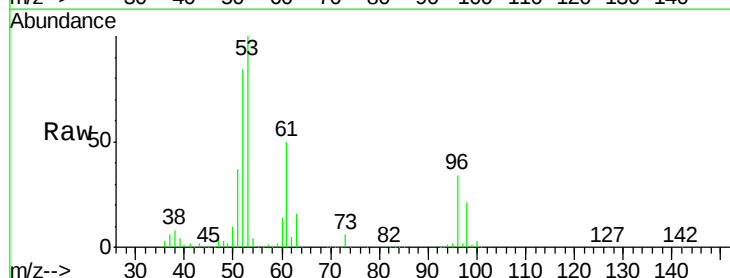
Manual Integrations
APPROVED

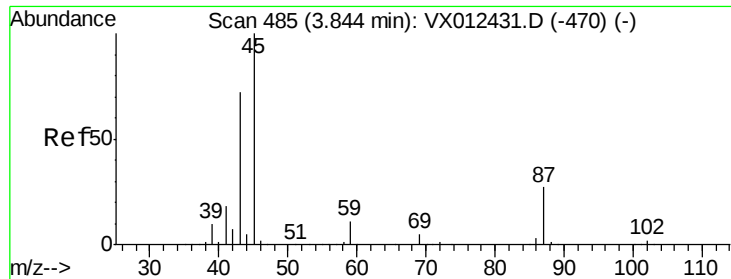
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 155.915 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	96	Resp	162640
Ion Ratio	Lower	Upper	
96	100		
61	144.7	112.0	168.0
98	62.2	47.8	71.8





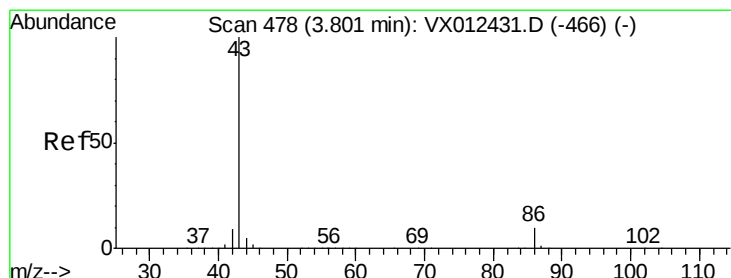
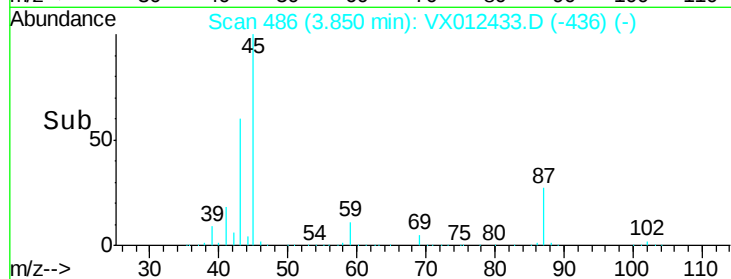
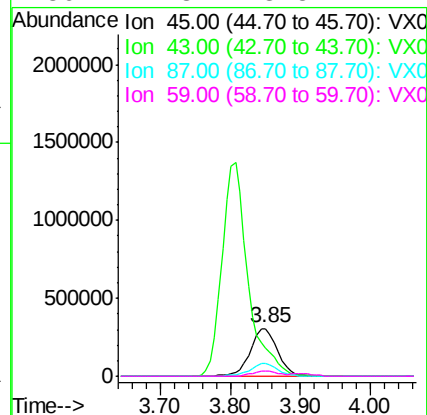
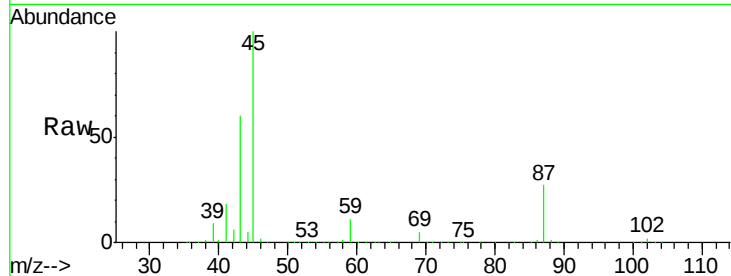
#22
Diisopropyl ether
Concen: 149.535 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	60.4	57.8	86.8	
87	26.6	21.3	31.9	
59	11.3	8.5	12.7	

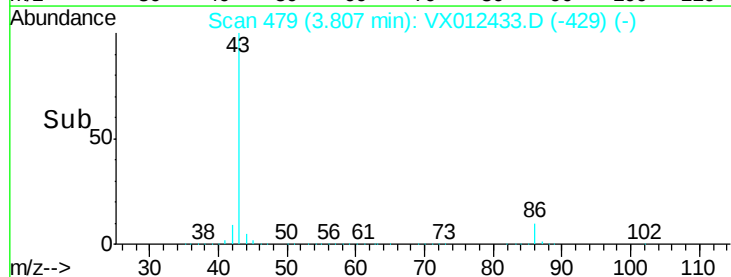
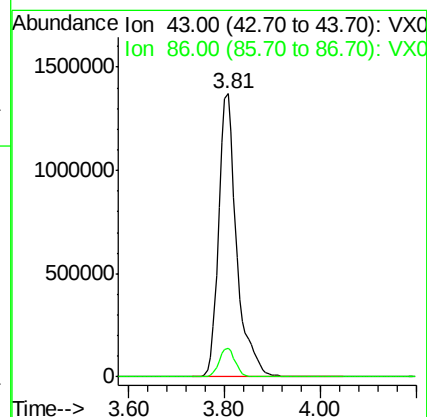
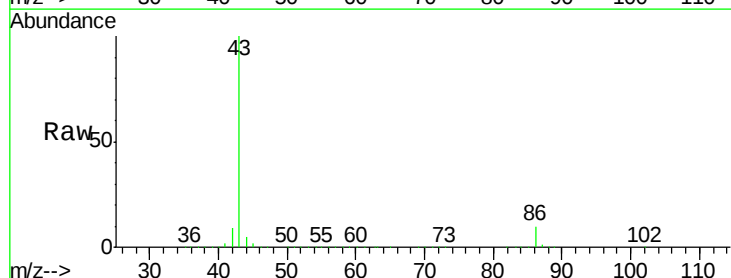
Manual Integrations
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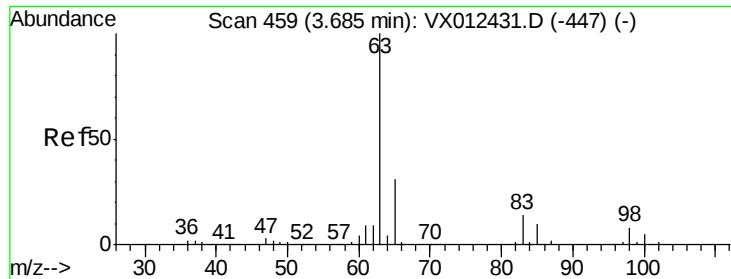
MMDadoda
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#23
Vinyl Acetate
Concen: 796.680 ug/l
RT: 3.81 min Scan# 479
Delta R.T. 0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	10.2	7.8	11.8	





#24

1,1-Dichloroethane

Concen: 154.418 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

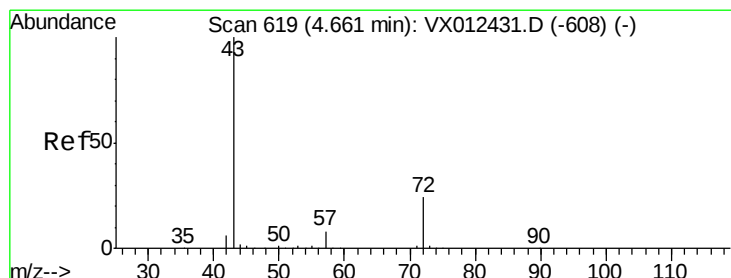
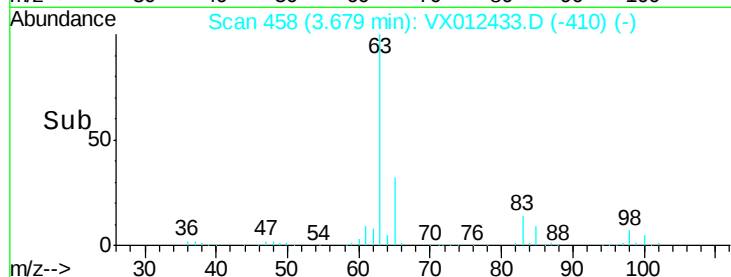
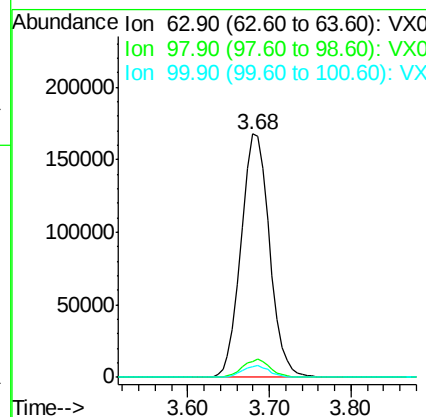
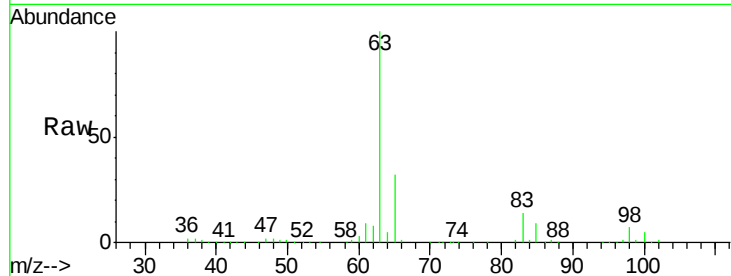
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	405242
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.9	11.7
100	4.6	2.3	6.9

Manual Integrations
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#25

2-Butanone

Concen: 734.352 ug/l

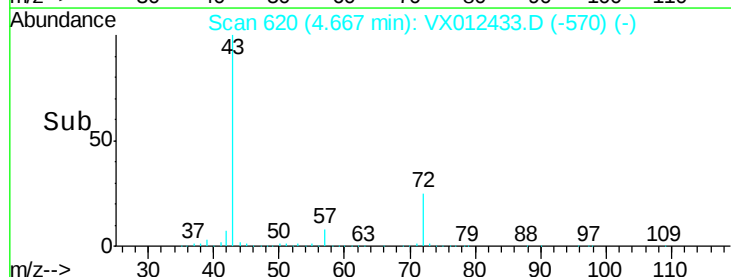
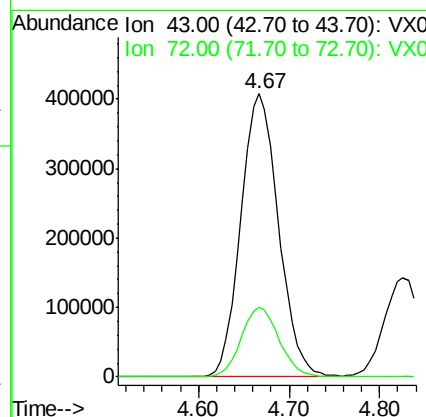
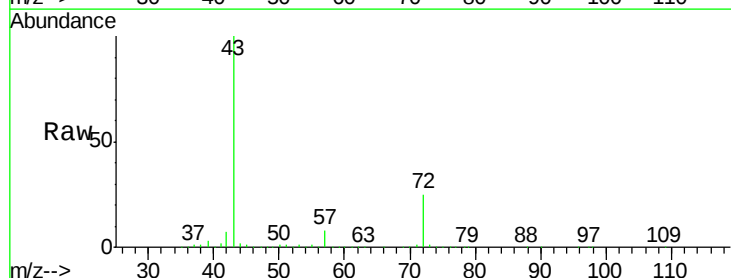
RT: 4.67 min Scan# 620

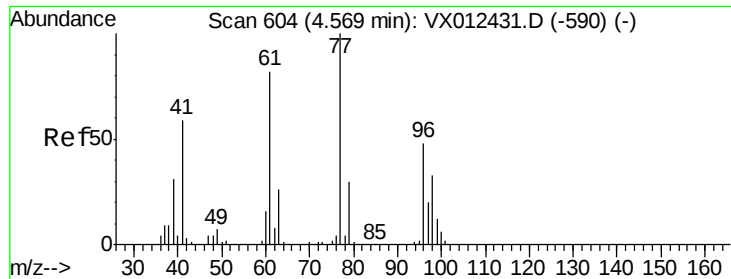
Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:	43	Resp:	1178234
Ion Ratio	Lower	Upper	
43	100		
72	24.5	19.2	28.8





#26

2,2-Dichloropropane

Concen: 147.317 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 77 Resp: 383229

Ion Ratio Lower Upper

77 100

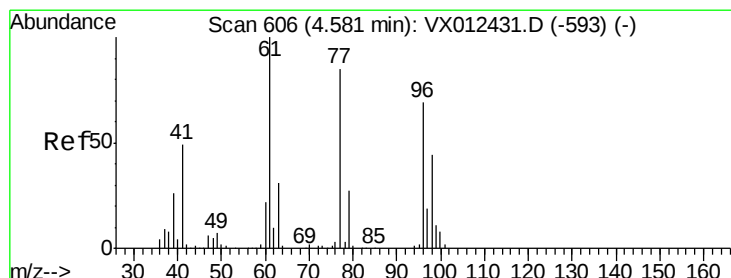
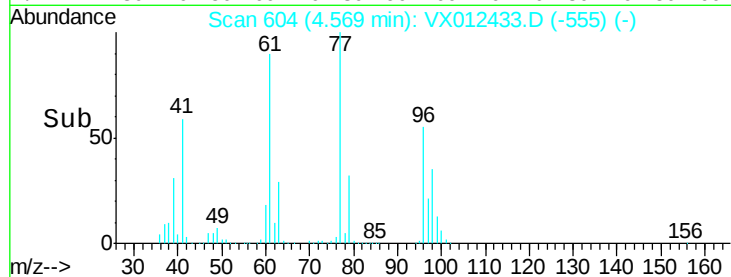
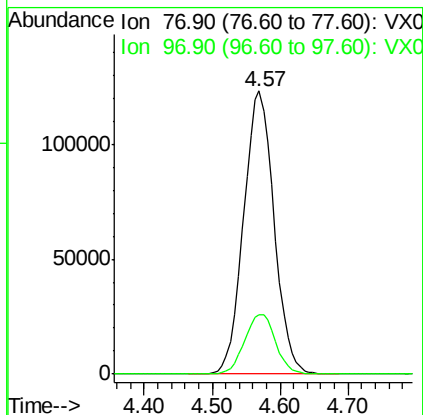
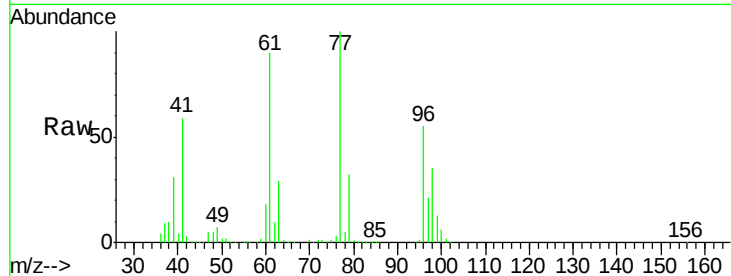
97 21.6 10.5 31.6

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 153.351 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

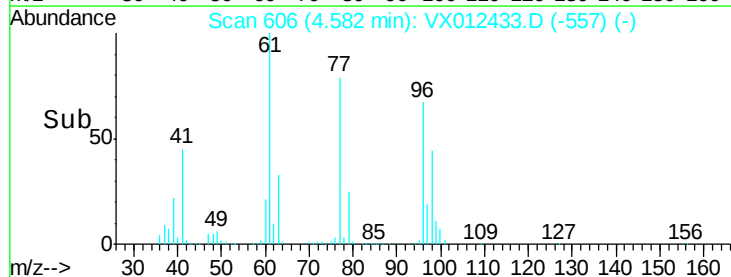
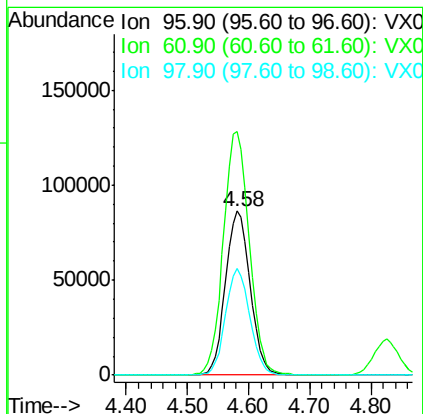
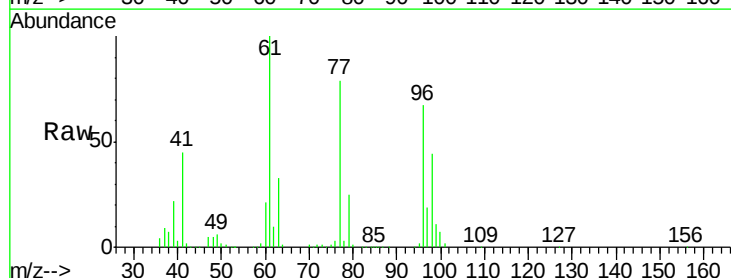
Tgt Ion: 96 Resp: 239641

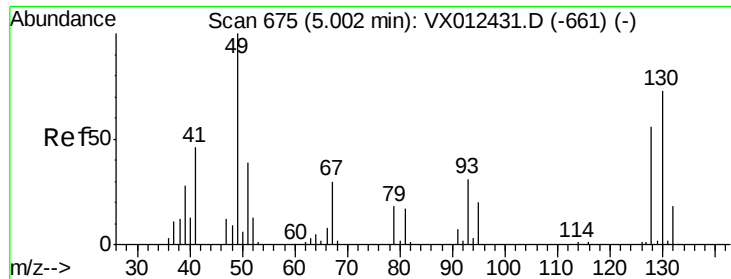
Ion Ratio Lower Upper

96 100

61 156.6 0.0 319.4

98 64.1 0.0 130.6





#28

Bromochloromethane

Concen: 138.085 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 49 Resp: 190256

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

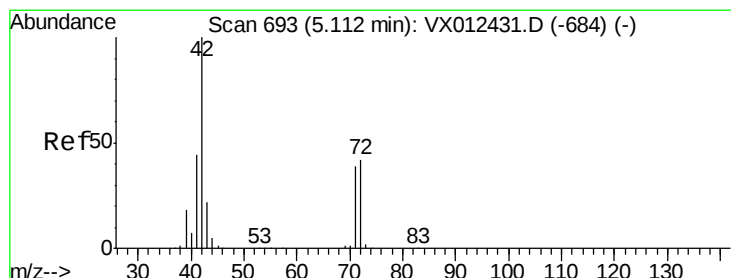
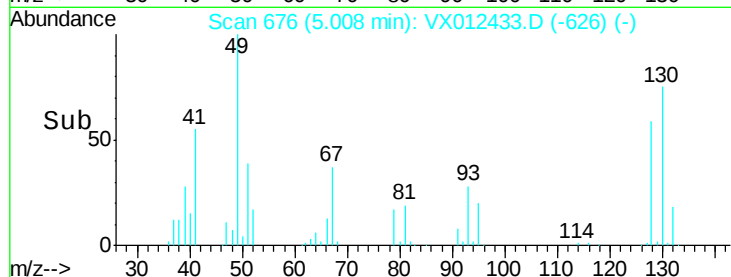
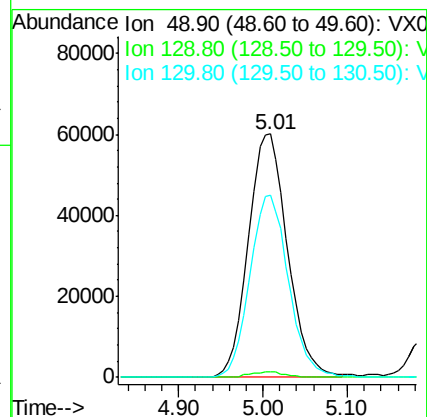
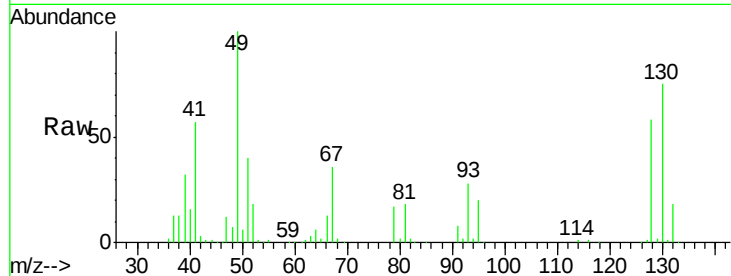
130 73.9 58.2 87.4

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#29

Tetrahydrofuran

Concen: 789.492 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

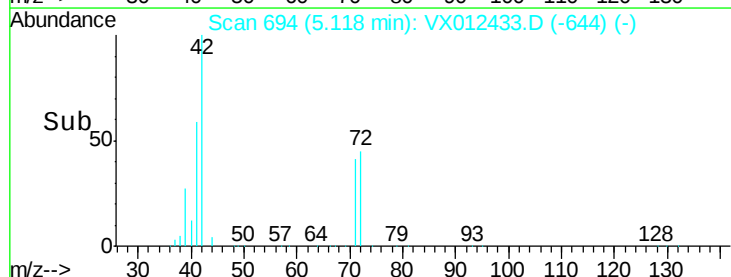
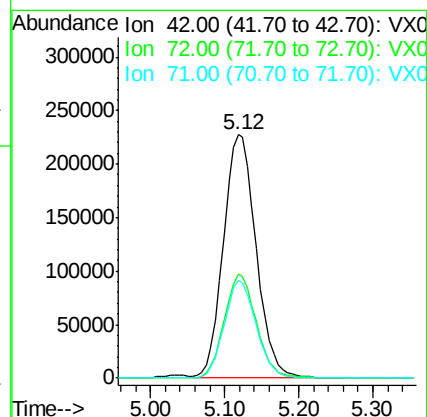
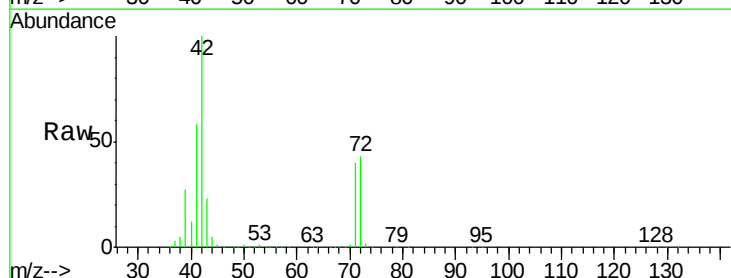
Tgt Ion: 42 Resp: 691276

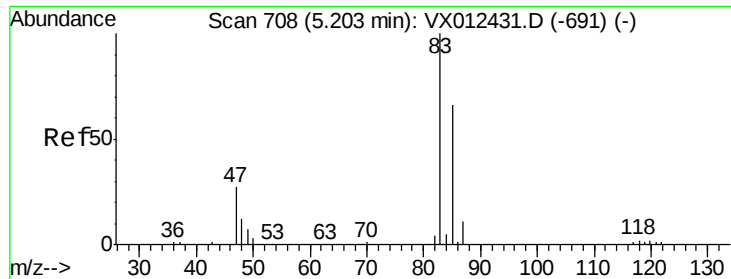
Ion Ratio Lower Upper

42 100

72 42.4 34.0 51.0

71 39.5 31.5 47.3





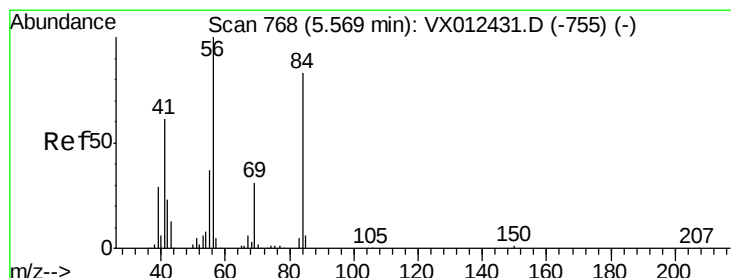
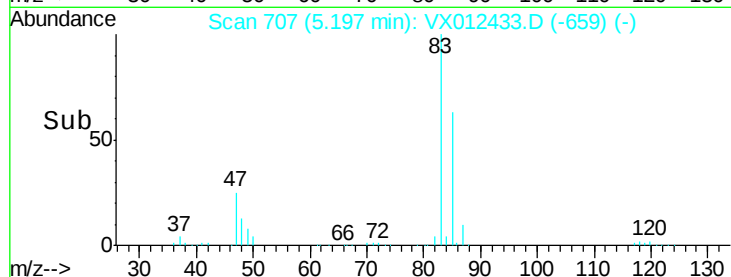
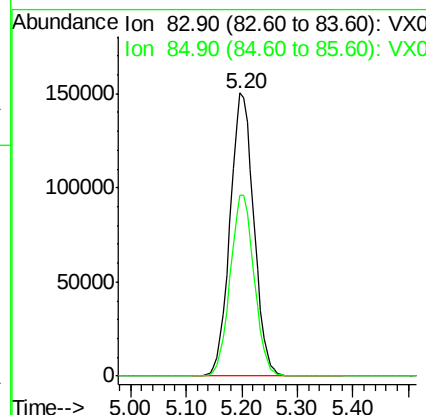
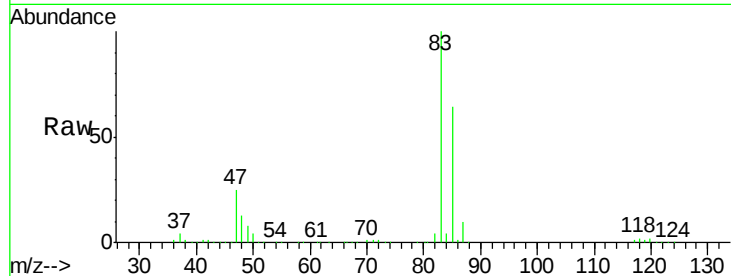
#30
Chloroform
Concen: 145.841 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	443763
Ion Ratio	100	Lower	Upper
85	63.9	53.0	79.4

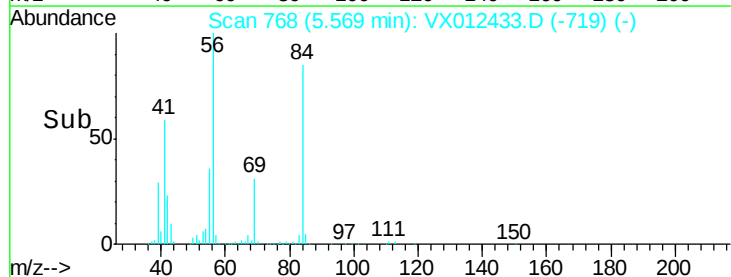
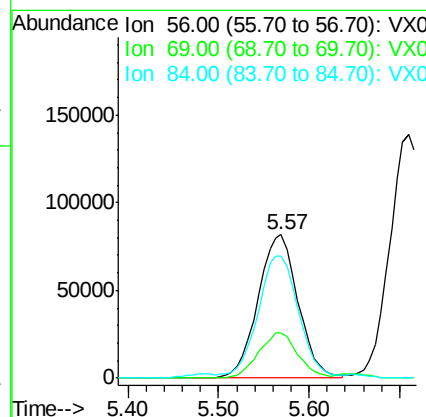
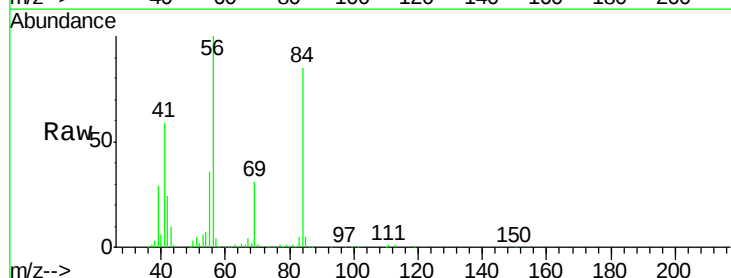
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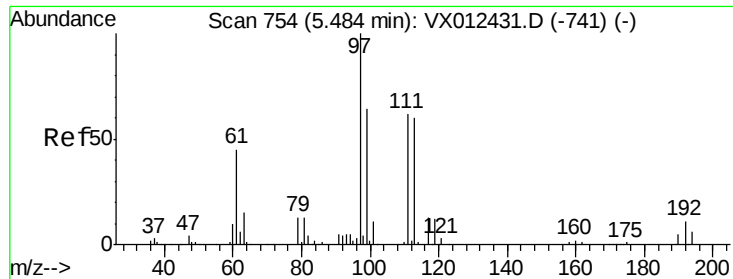
MMDadoda
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#31
Cyclohexane
Concen: 158.640 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	56	Resp	249674
Ion Ratio	100	Lower	Upper
69	31.2	25.0	37.6
84	82.8	66.4	99.6





#32

1,1,1-Trichloroethane

Concen: 153.522 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

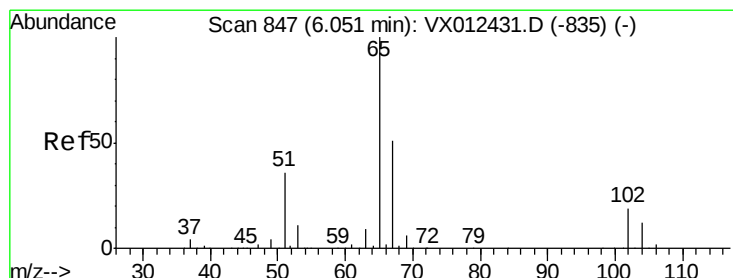
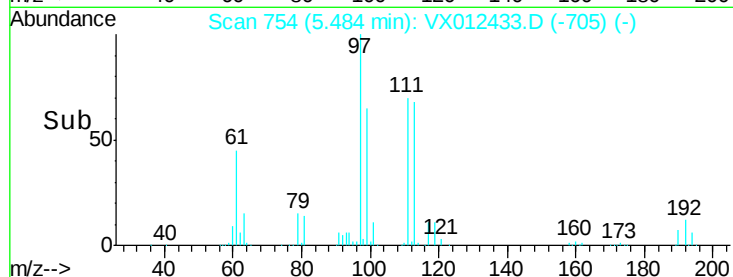
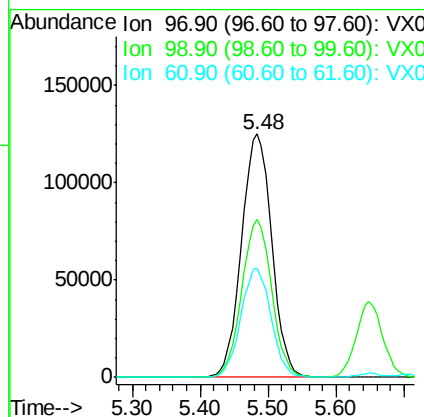
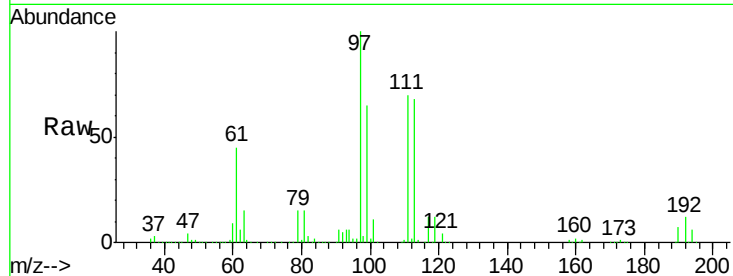
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	387110
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	44.8	36.1	54.1

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#33

1,2-Dichloroethane-d4

Concen: 145.916 ug/l

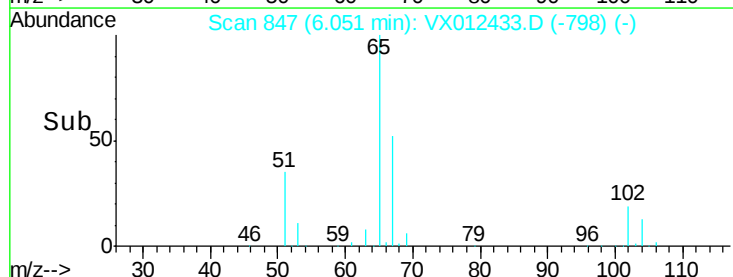
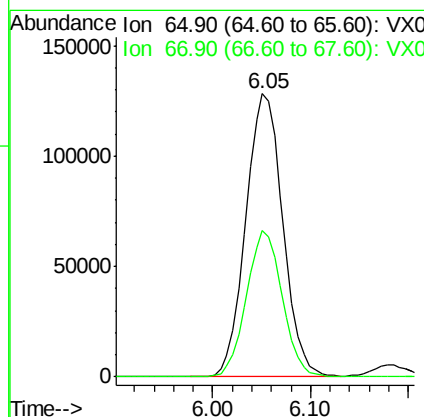
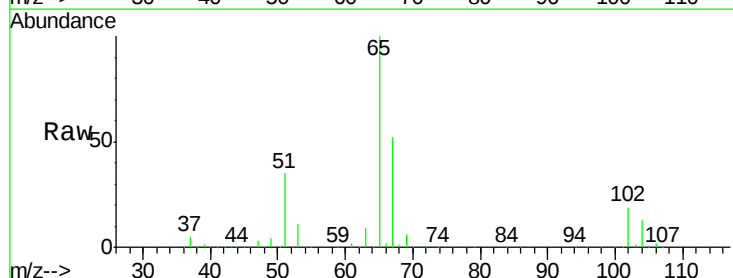
RT: 6.05 min Scan# 847

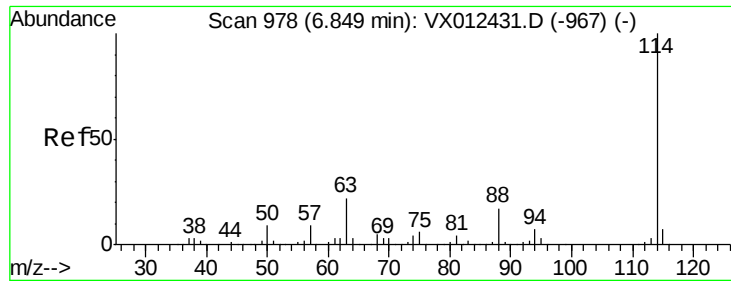
Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:	65	Resp:	338175
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.2





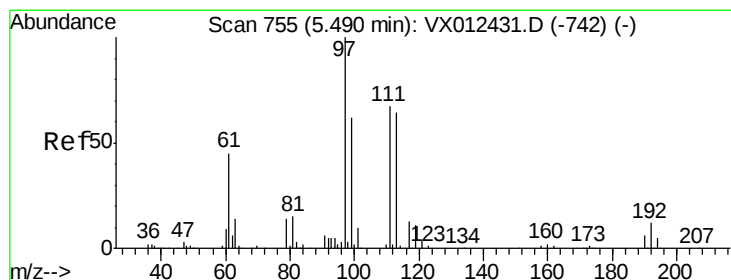
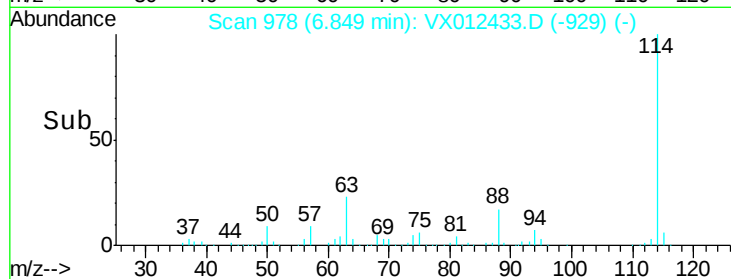
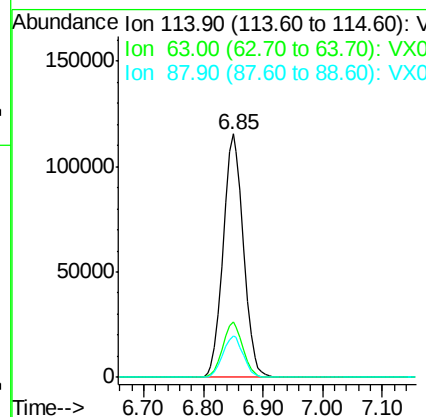
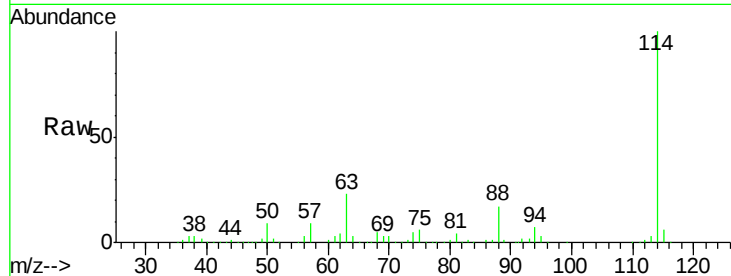
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.5	0.0	43.2
88	16.9	0.0	33.2

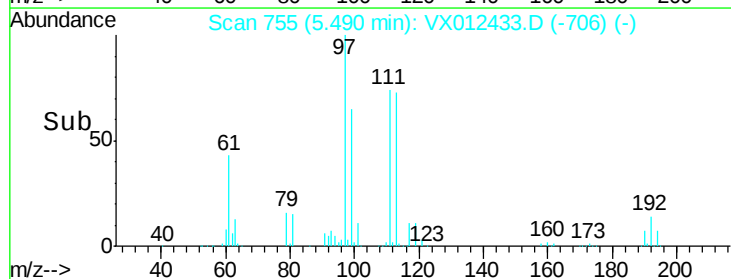
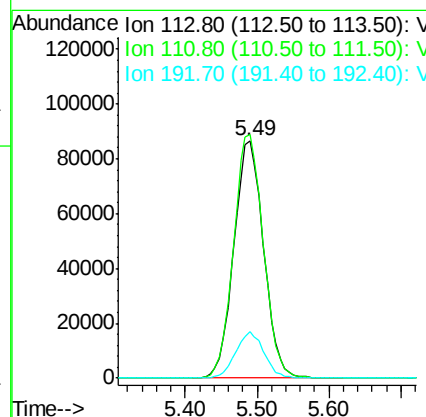
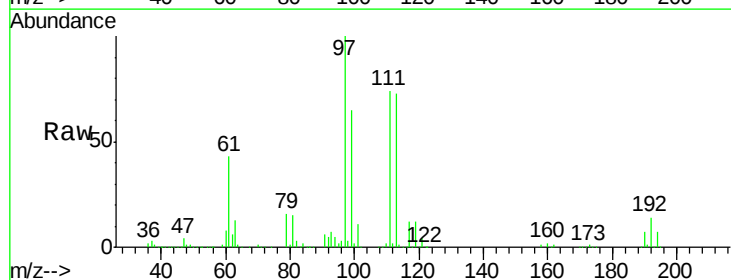
Manual Integrations
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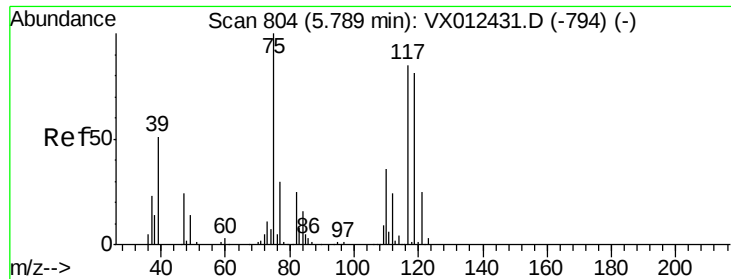
MMDadoda
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#35
 Dibromofluoromethane
 Concen: 150.703 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.7	83.4	125.2
192	18.6	14.4	21.6





#36

1,1-Dichloropropene

Concen: 153.493 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

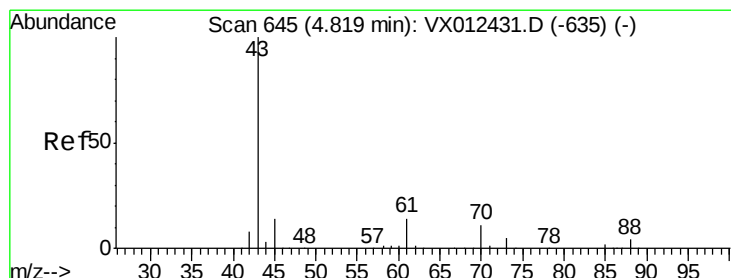
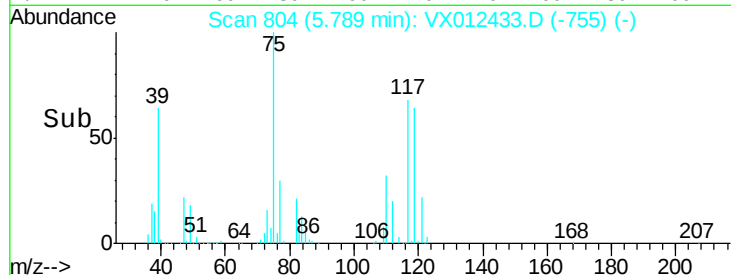
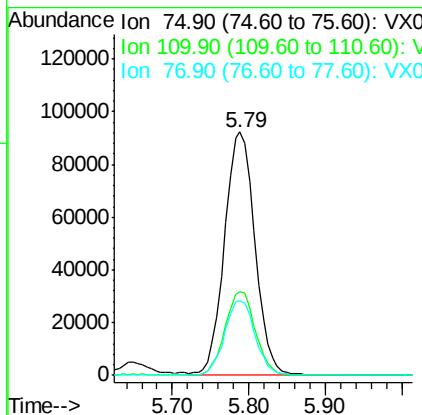
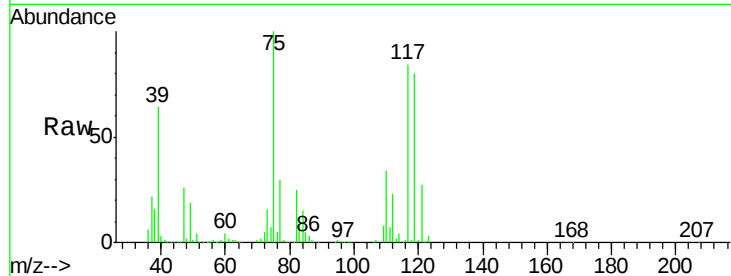
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	253189
Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.7	50.0
77	30.8	24.2	36.2

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#37

Ethyl Acetate

Concen: 166.815 ug/l

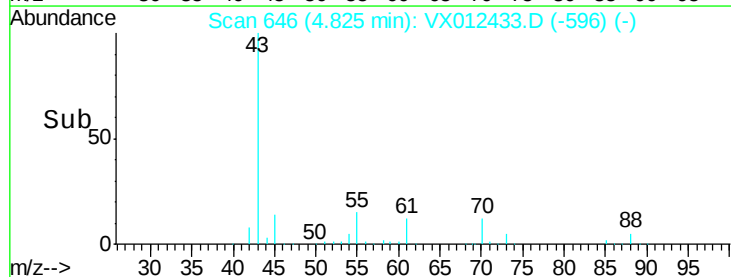
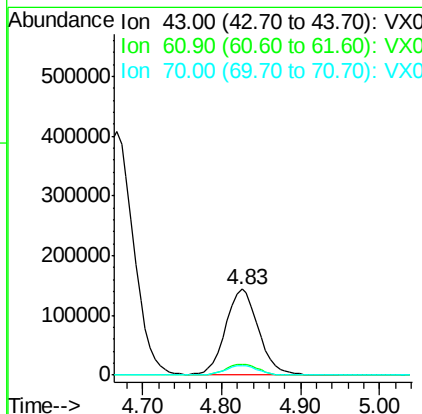
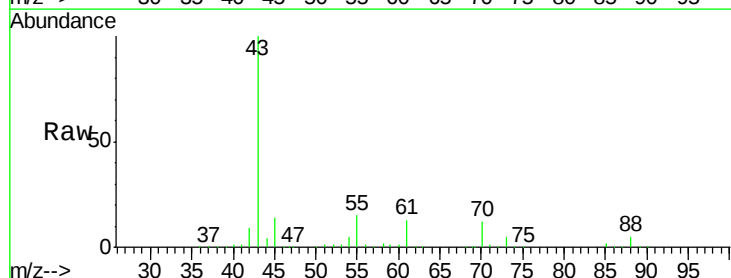
RT: 4.83 min Scan# 646

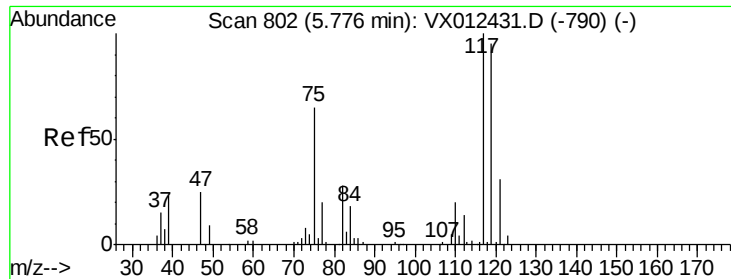
Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:	43	Resp:	416239
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.4
70	11.0	8.7	13.1





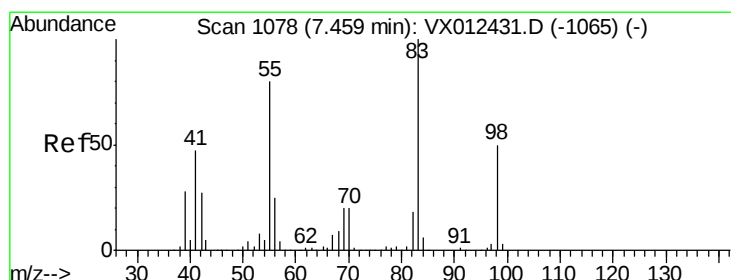
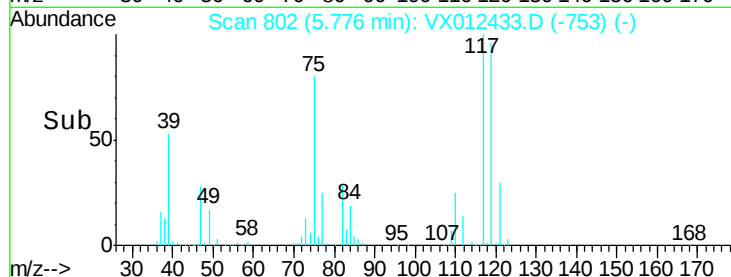
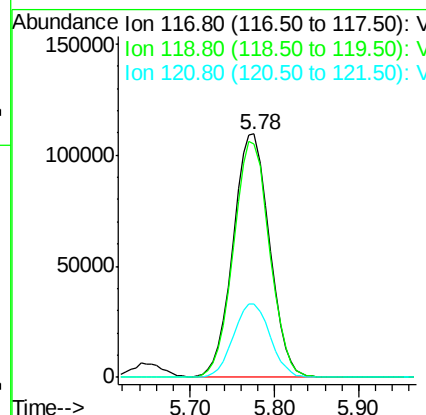
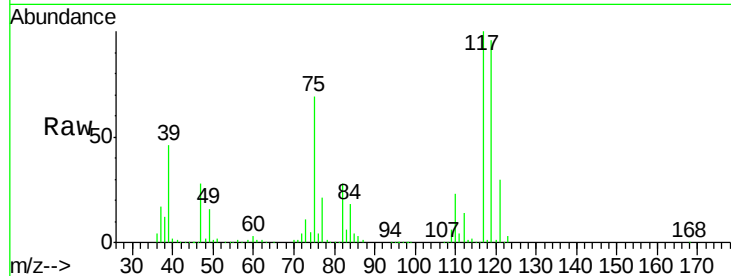
#38
Carbon Tetrachloride
Concen: 156.960 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.7	113.5
121	30.0	24.2	36.4

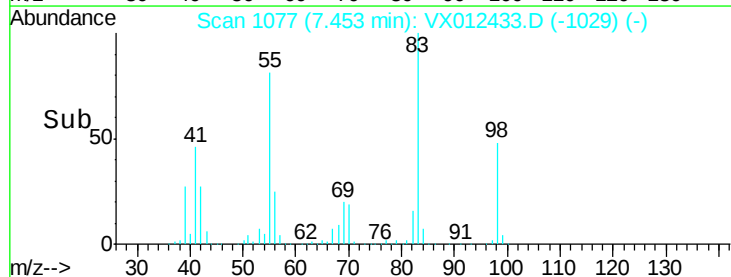
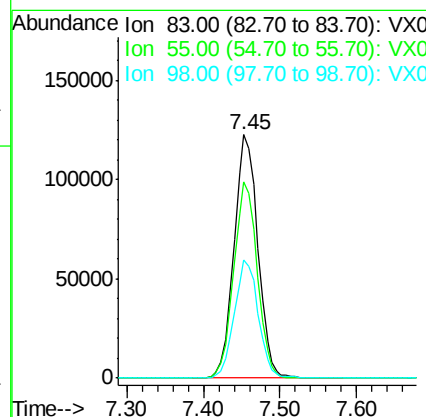
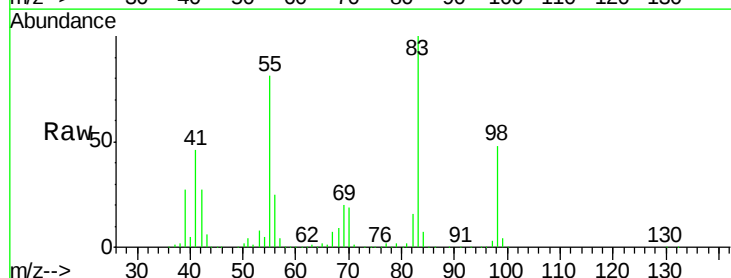
Manual Integrations
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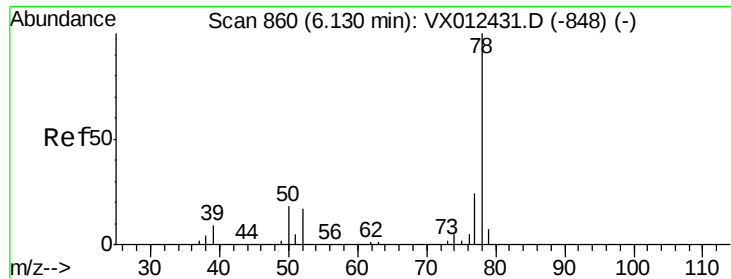
MMDadoda
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#39
Methylcyclohexane
Concen: 166.413 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.6	64.4	96.6
98	48.4	40.1	60.1





#40

Benzene

Concen: 155.338 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 813144

Ion Ratio Lower Upper

78 100

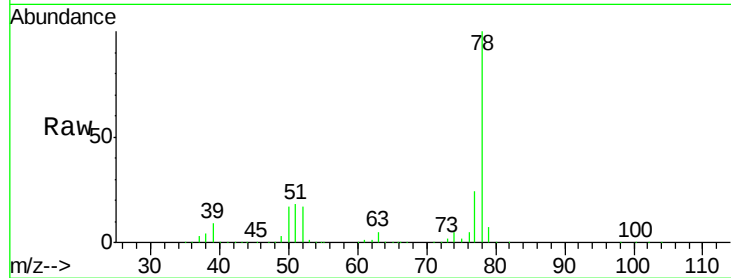
77 23.6 19.2 28.8

Manual Integrations

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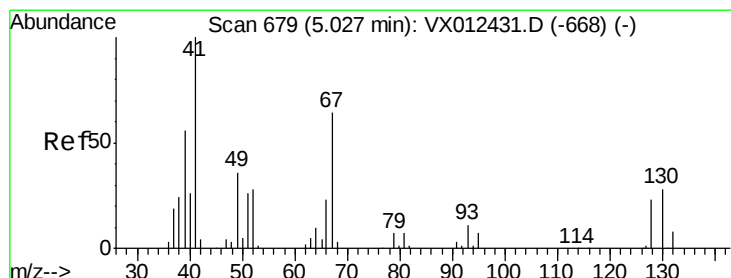
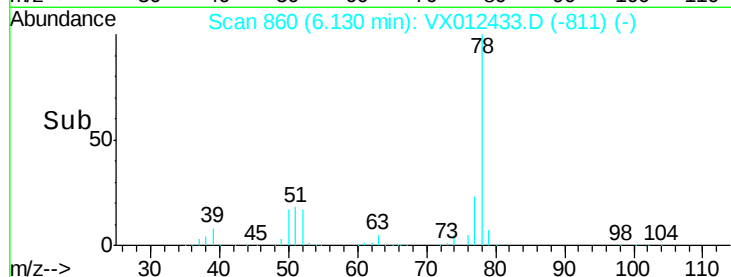
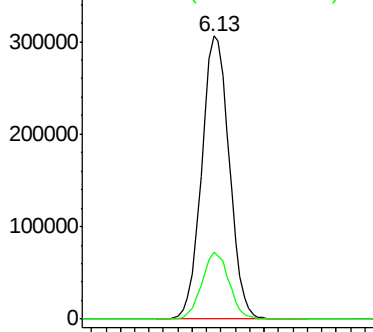
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 150.572 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion: 41 Resp: 246282

Ion Ratio Lower Upper

41 100

39 55.8 46.0 69.0

67 65.6 52.2 78.2

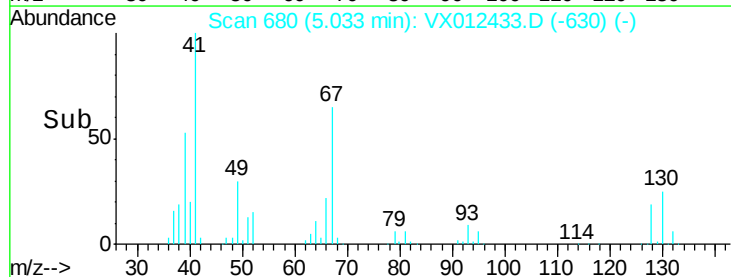
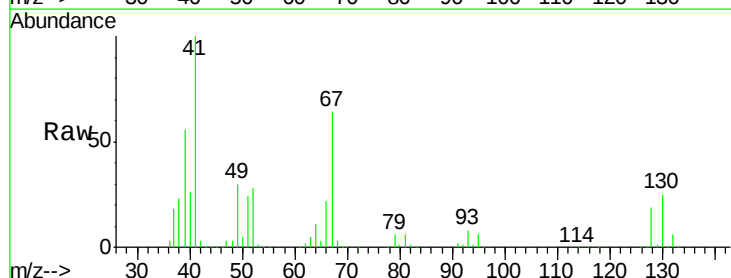
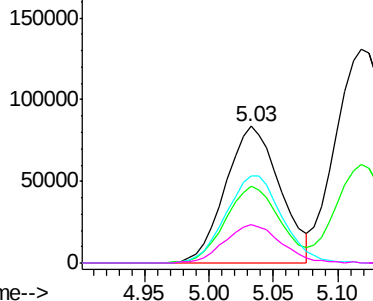
52 29.4 22.7 34.1

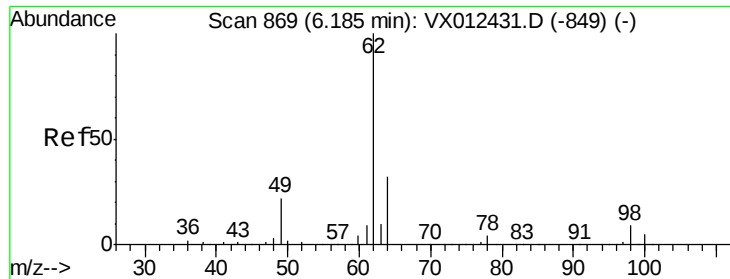
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





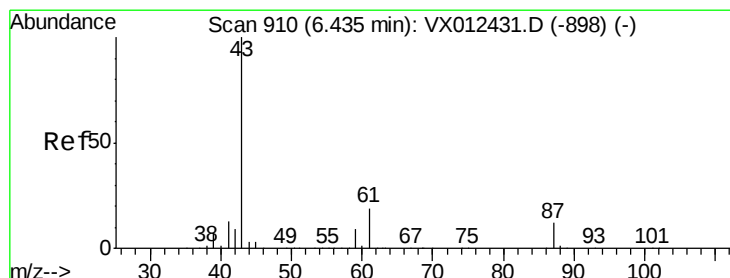
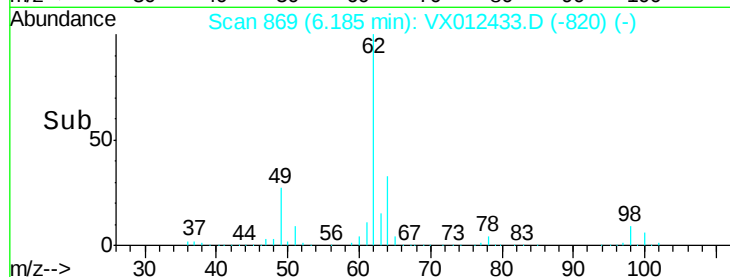
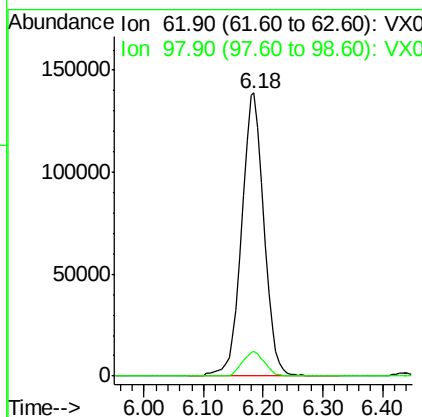
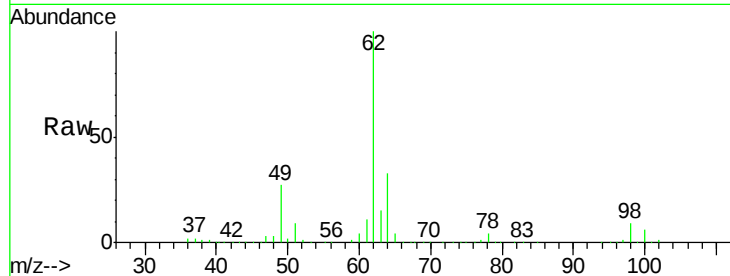
#42
 1,2-Dichloroethane
 Concen: 147.246 ug/l
 RT: 6.18 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
62	100	360724		
98	8.8	0.0	17.8	

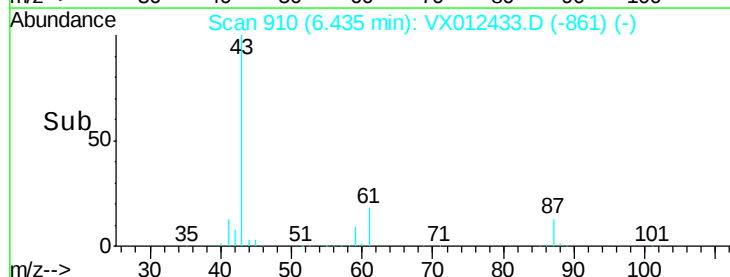
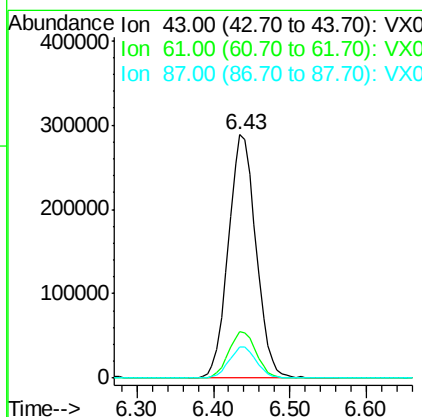
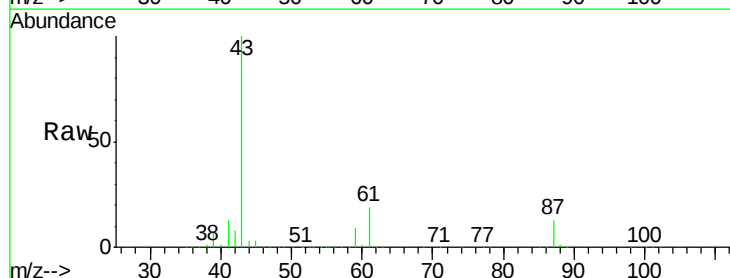
Manual Integrations
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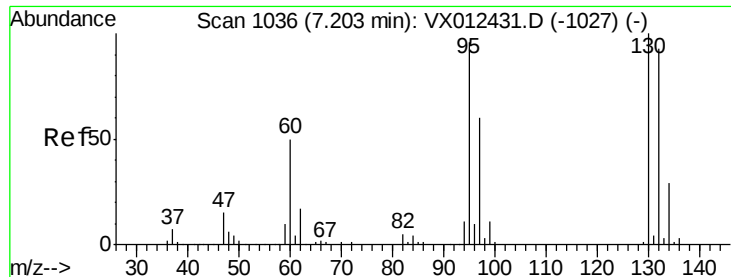
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 159.245 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	719108		
61	19.2	15.4	23.0	
87	12.7	9.8	14.8	





#44

Trichloroethene

Concen: 156.076 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 214741

Ion Ratio Lower Upper

130 100

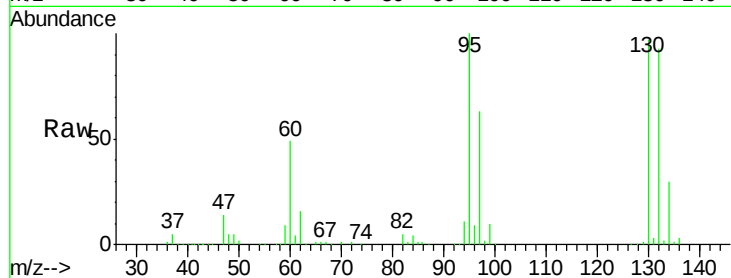
95 103.6 0.0 193.0

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

120000

100000

80000

60000

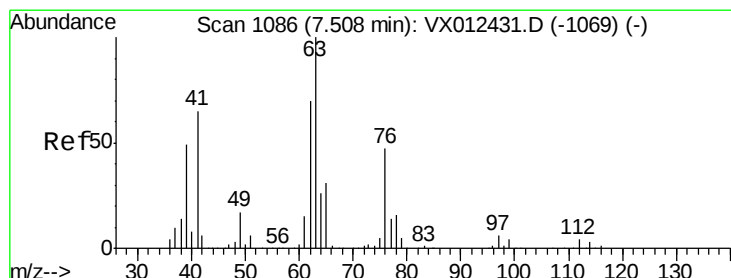
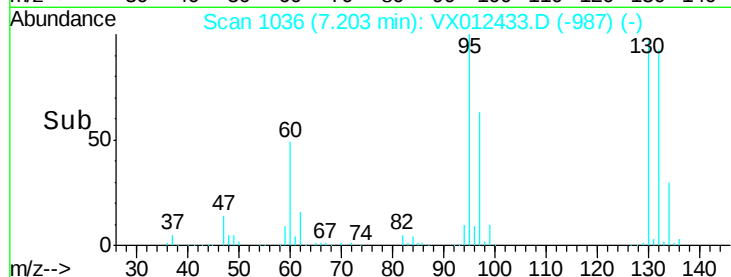
40000

20000

0

7.10 7.20 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 151.244 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012433.D

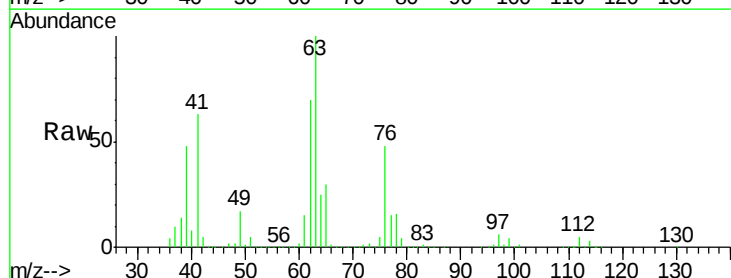
Acq: 17 Sep 2019 13:56

Tgt Ion: 63 Resp: 244340

Ion Ratio Lower Upper

63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

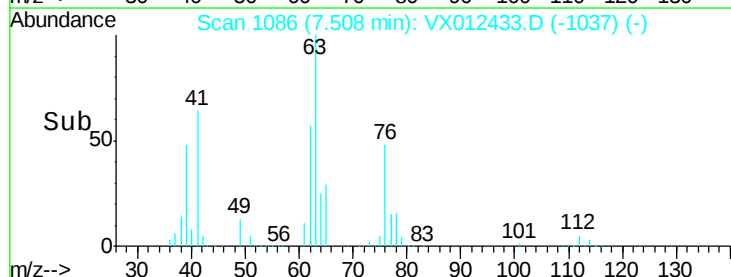
100000

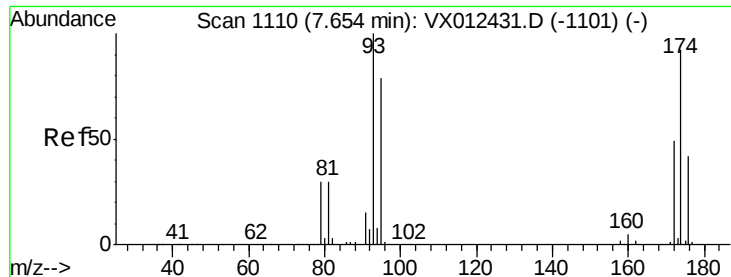
50000

0

7.40 7.50 7.60

Time-->





#46

Dibromomethane

Concen: 152.478 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

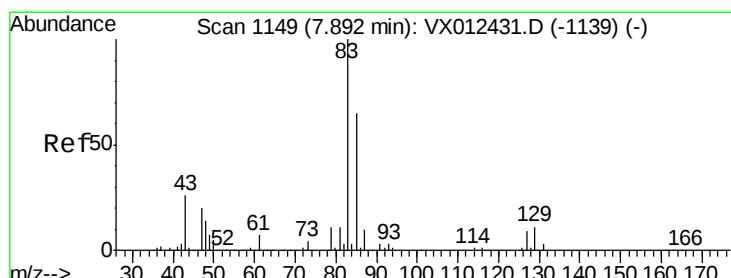
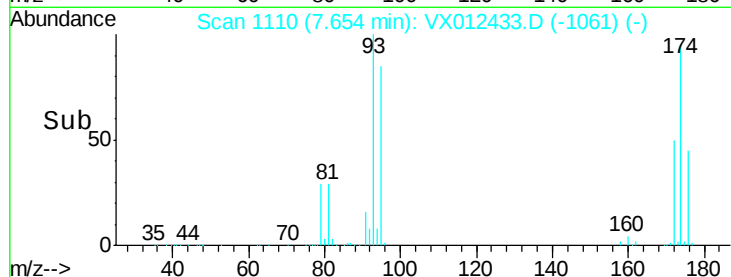
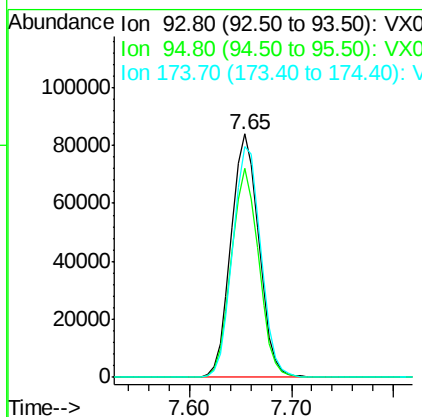
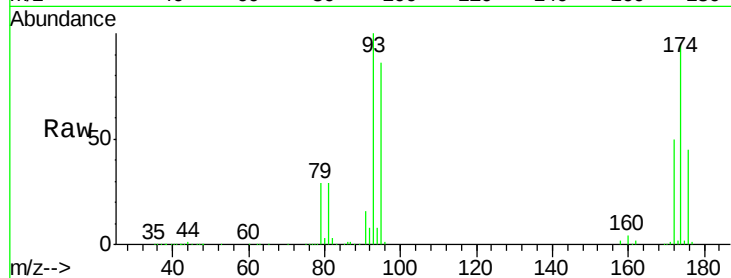
ClientSampleId :

VSTDIC150

Tot Ion:	93	Resp:	159190
Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.6	100.0
174	95.5	77.4	116.0

Manual Integrations
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#47

Bromodichloromethane

Concen: 161.567 ug/l

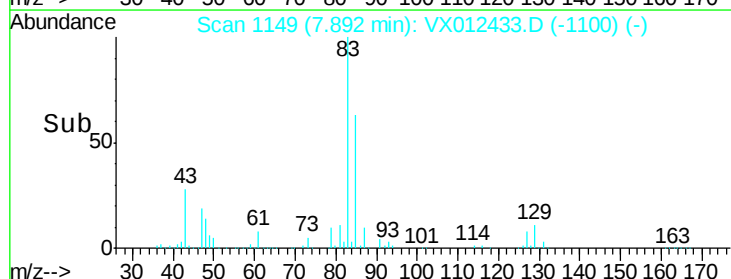
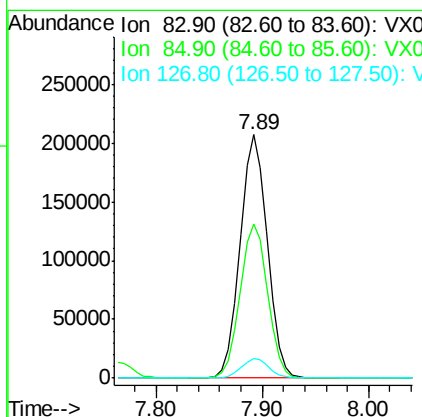
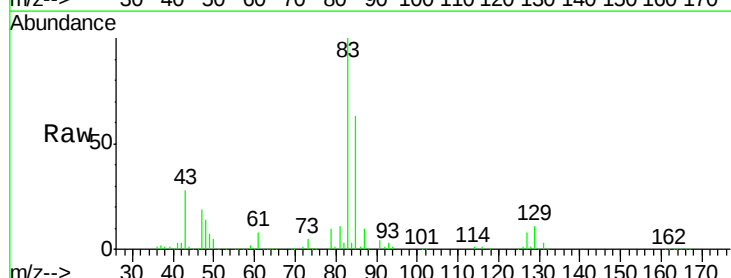
RT: 7.89 min Scan# 1149

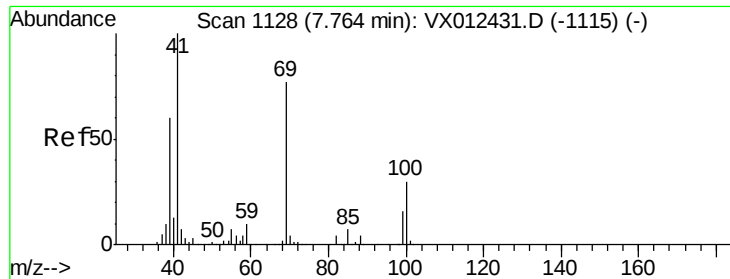
Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:	83	Resp:	371834
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6
127	8.3	7.3	10.9





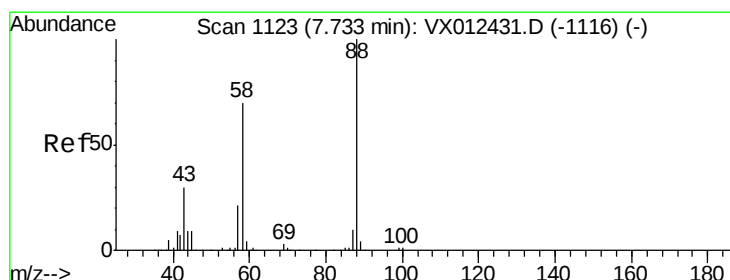
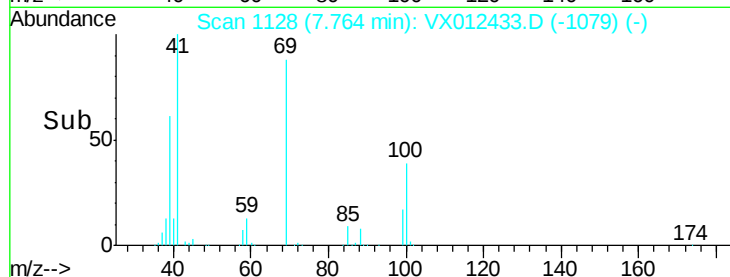
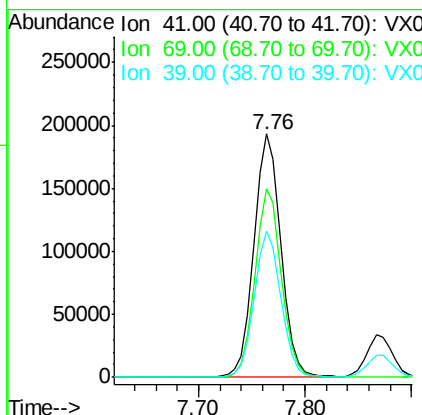
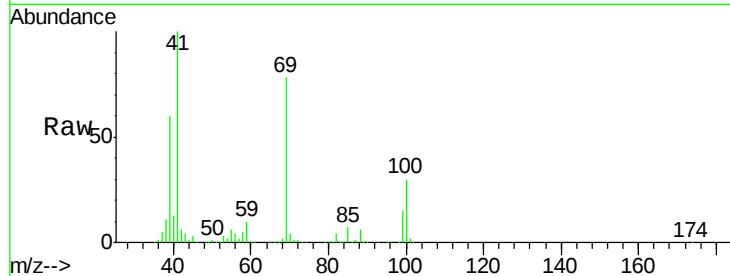
#48
Methvl methacrylate
Concen: 161.971 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100	343751		
69	76.3	59.9	89.9	
39	59.6	47.8	71.6	

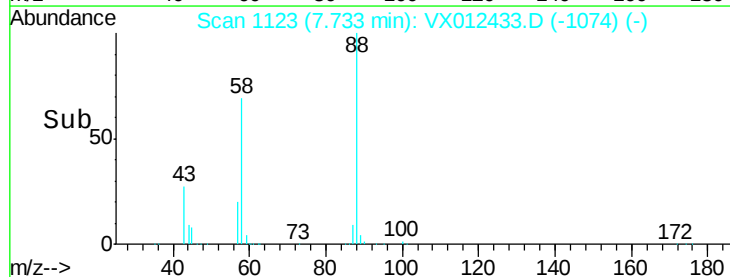
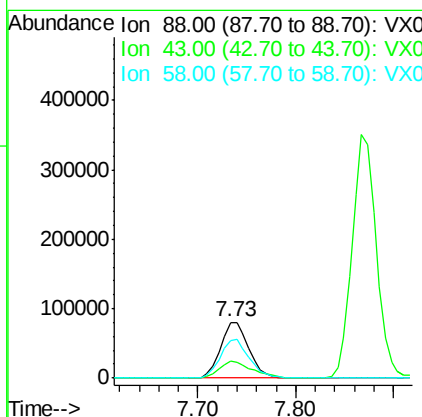
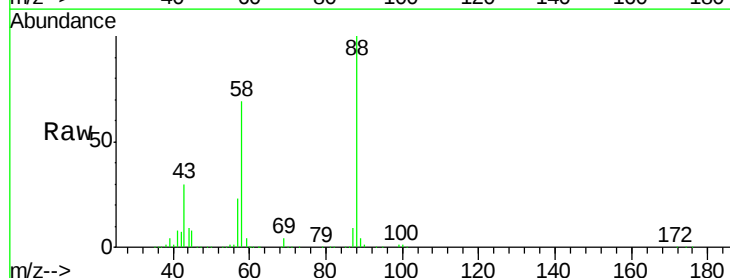
Manual Integrations
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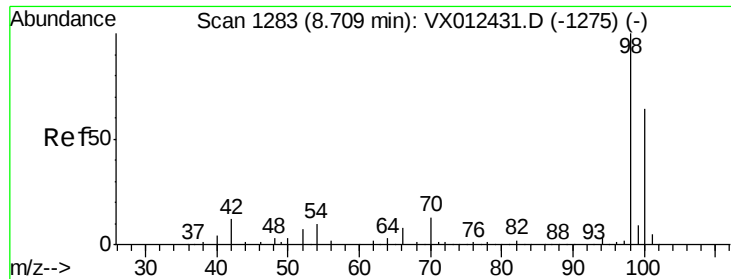
MMDadoda
9/18/2019 11:22:25 AM



#49
1,4-Dioxane
Concen: 3067.487 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	159953		
43	34.5	29.4	44.0	
58	71.2	57.5	86.3	





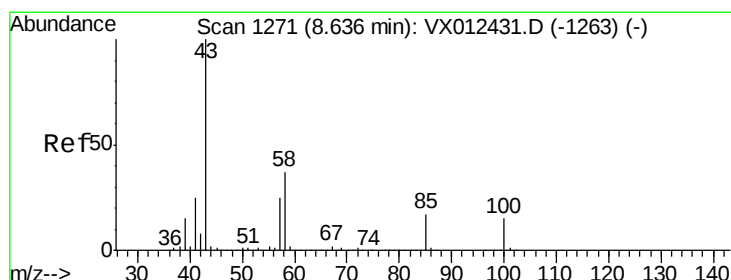
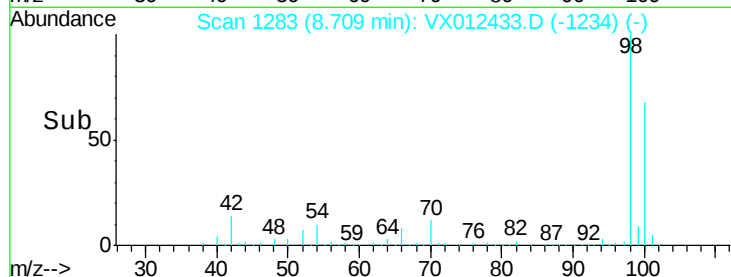
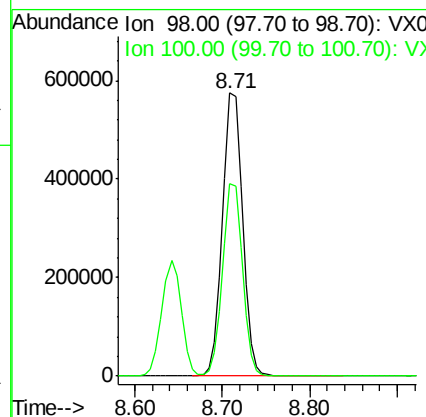
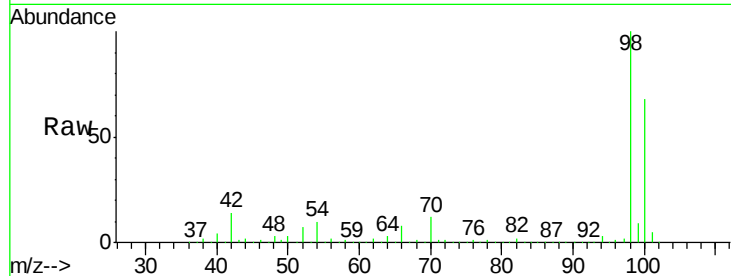
#50
Toluene-d8
Concen: 150.250 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 98 Resp: 916836
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2

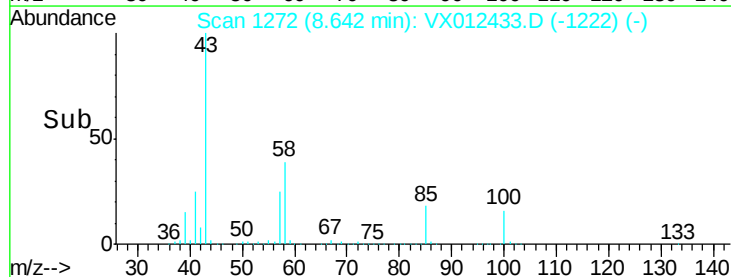
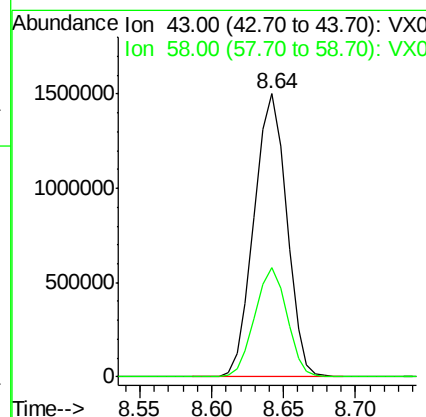
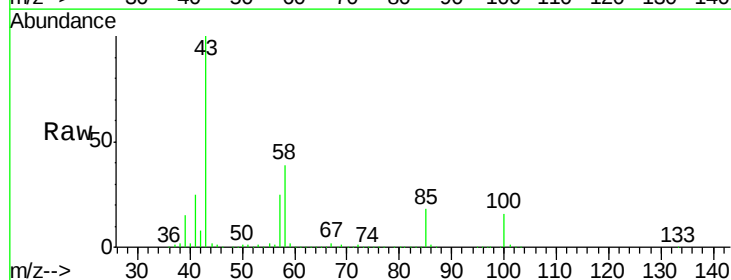
Manual Integrations
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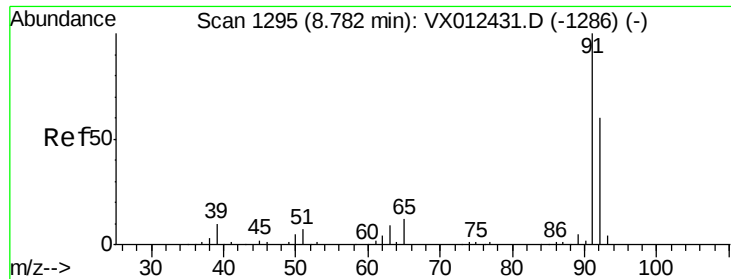
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#51
4-Methyl-2-Pentanone
Concen: 796.625 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 43 Resp: 2358897
Ion Ratio Lower Upper
43 100
58 38.1 29.8 44.6





#52

Toluene

Concen: 156.709 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 527792

Ion Ratio Lower Upper

92 100

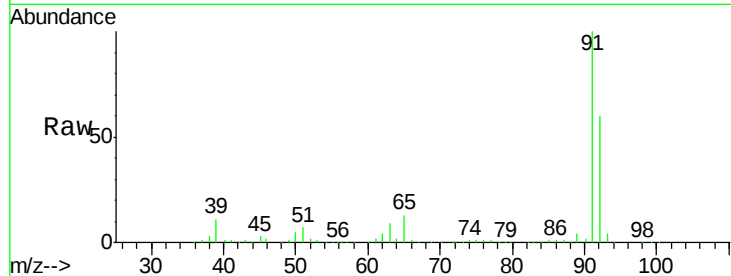
91 167.5 135.4 203.0

Manual Integrations

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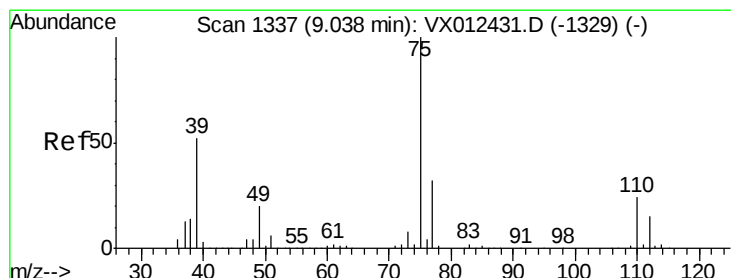
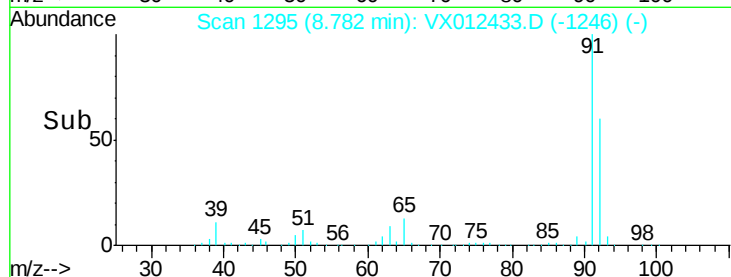
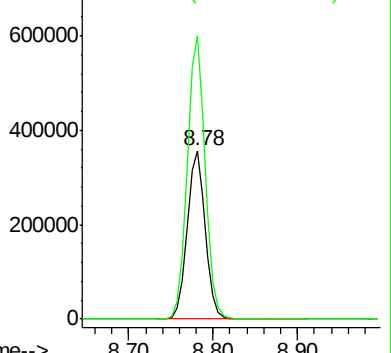
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 172.739 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012433.D

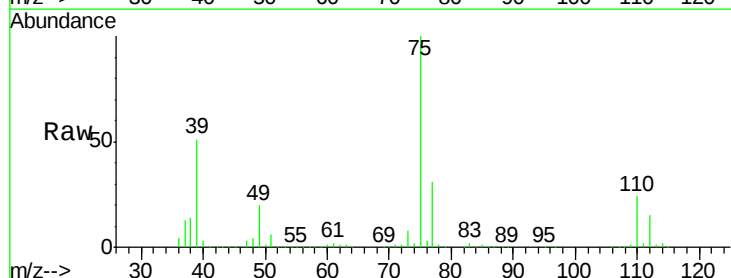
Acq: 17 Sep 2019 13:56

Tgt Ion: 75 Resp: 408244

Ion Ratio Lower Upper

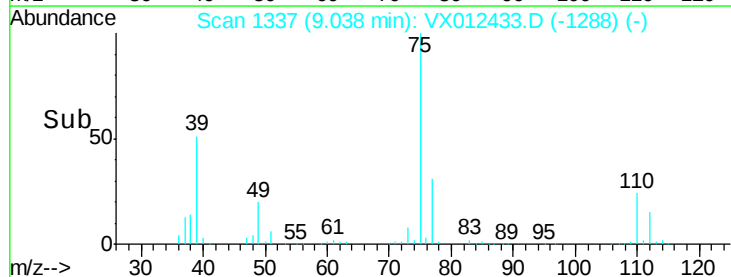
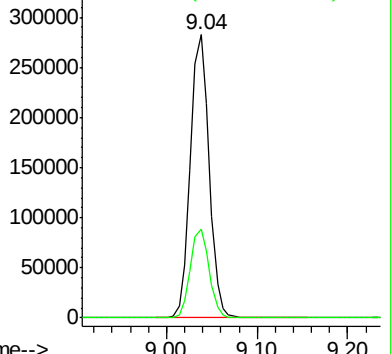
75 100

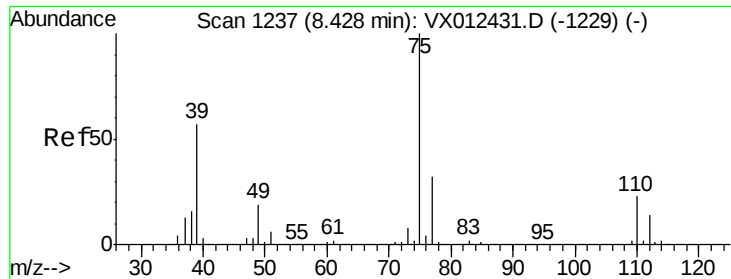
77 31.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

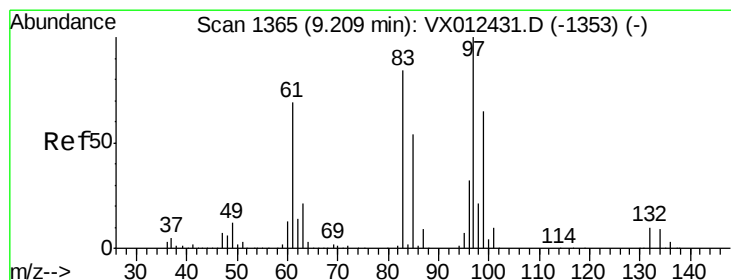
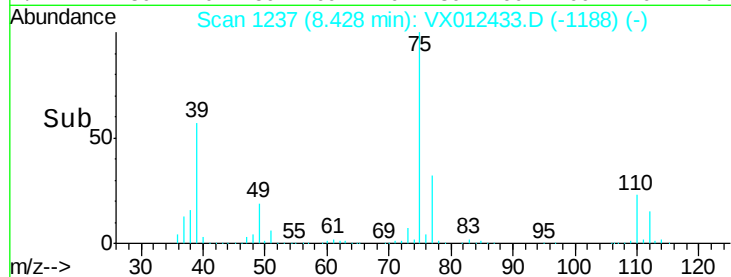
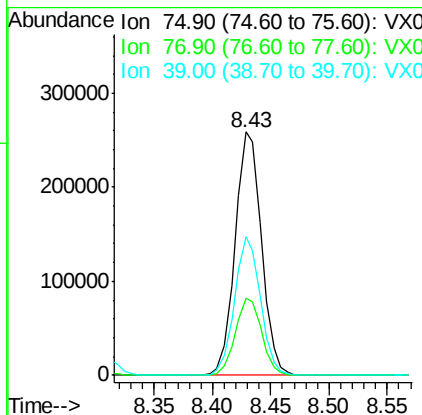
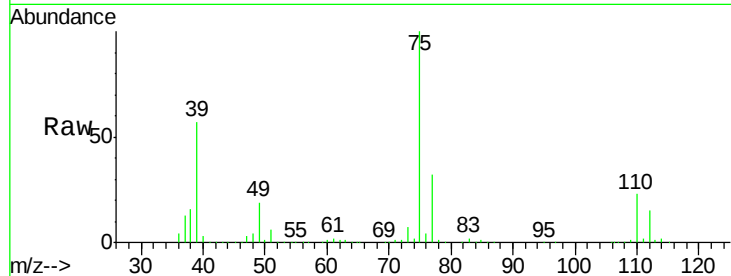
cis-1,3-Dichloropropene
 Concen: 166.127 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8
39	57.1	45.5	68.3

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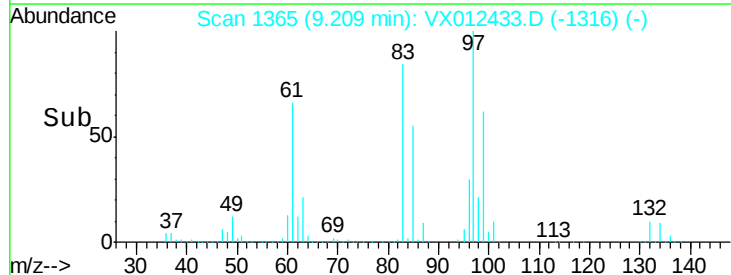
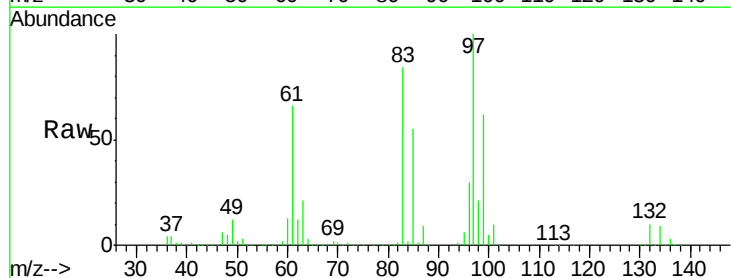
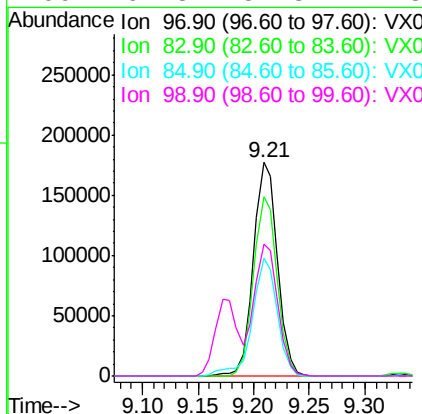
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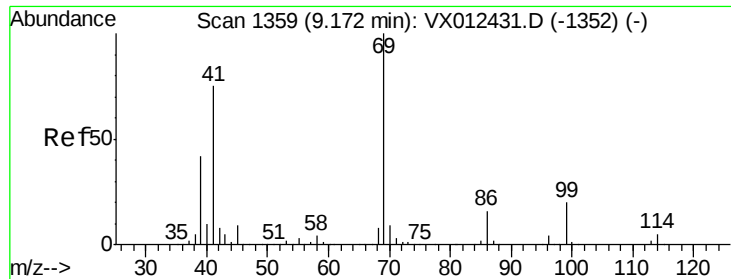


#55

1,1,2-Trichloroethane
 Concen: 153.462 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.2
85	55.1	43.5	65.3
99	61.8	51.8	77.8





#56

Ethyl methacrylate

Concen: 171.198 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

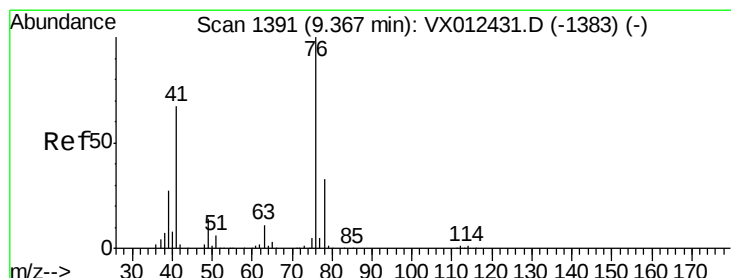
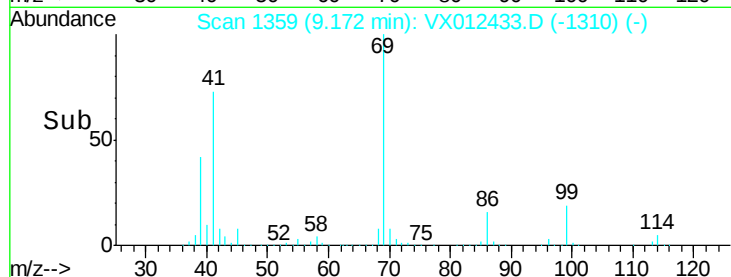
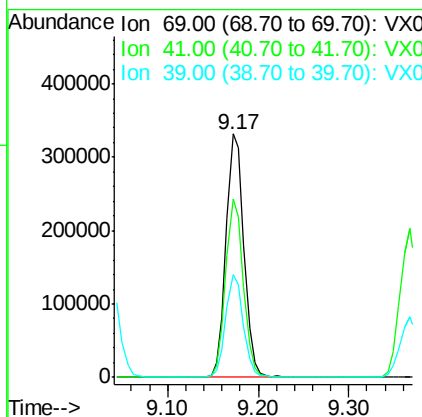
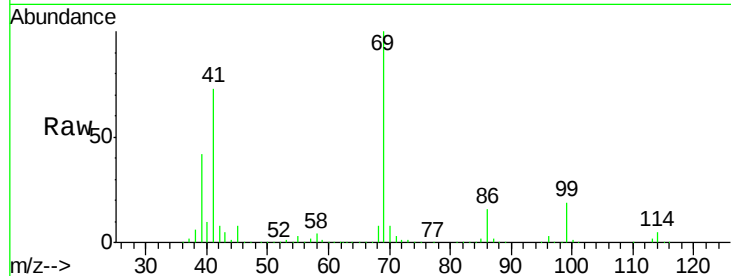
ClientSampled :

VSTDIC150

Tot Ion:	69	Resp:	457139
Ion Ratio	Lower	Upper	
69	100		
41	72.5	58.4	87.6
39	41.4	33.4	50.0

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 155.171 ug/l

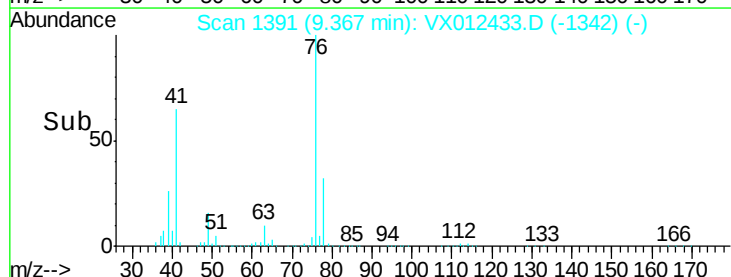
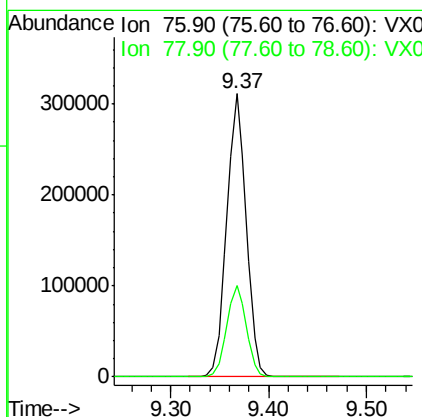
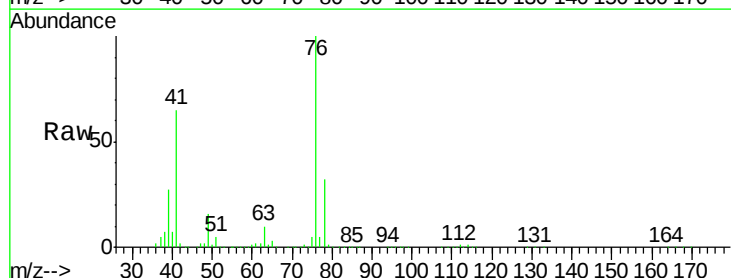
RT: 9.37 min Scan# 1391

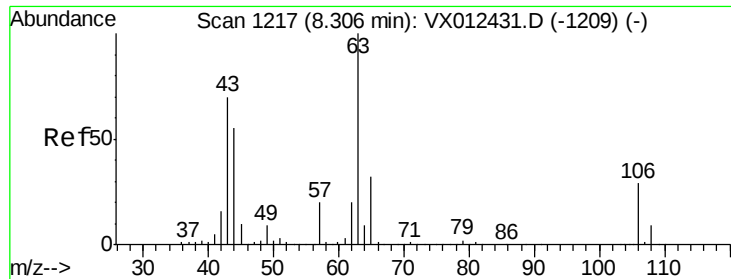
Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:	76	Resp:	430317
Ion Ratio	Lower	Upper	
76	100		
78	32.7	26.2	39.2





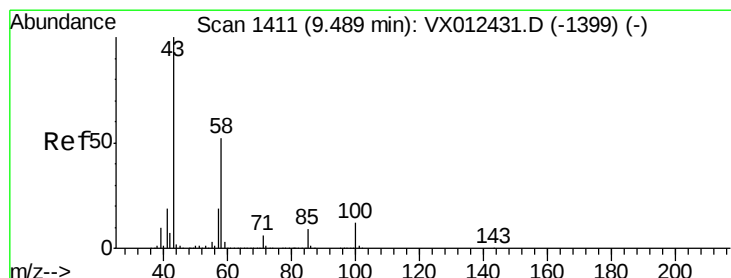
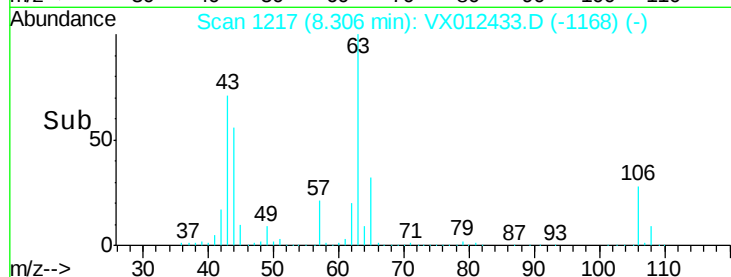
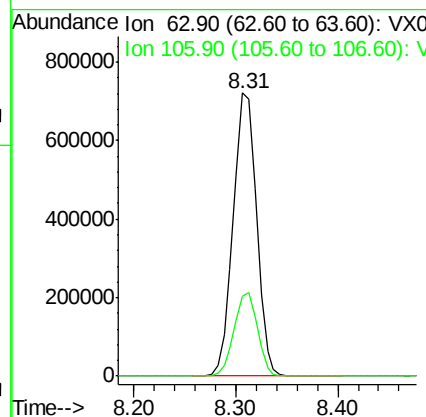
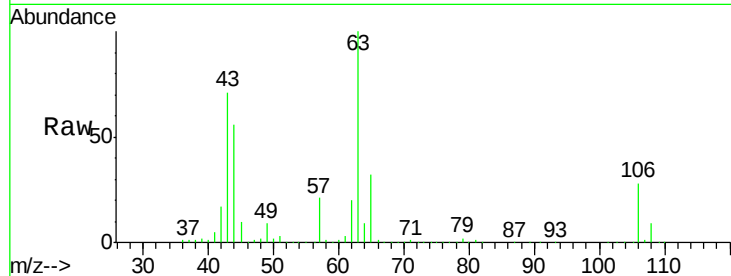
#58
2-Chloroethyl Vinyl ether
Concen: 817.740 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 1139764
Ion Ratio Lower Upper
63 100
106 29.5 23.8 35.6

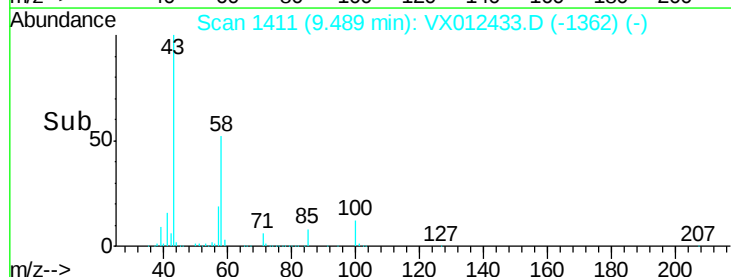
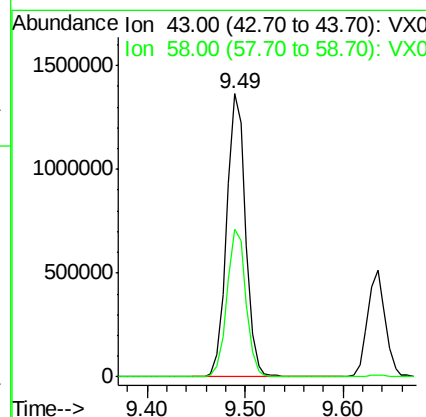
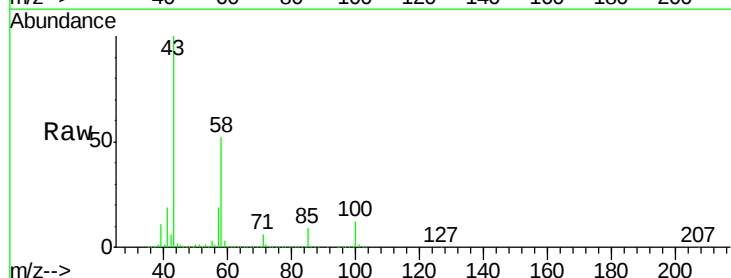
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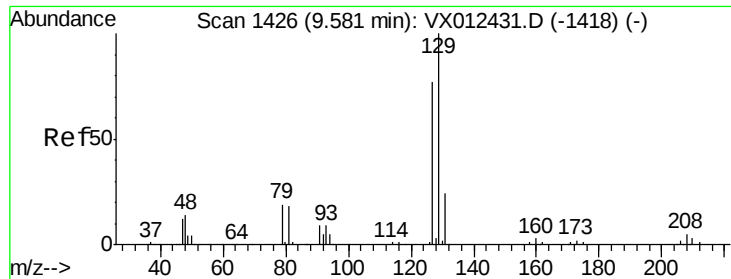
MMDadoda
9/18/2019 11:22:25 AM



#59
2-Hexanone
Concen: 785.112 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 43 Resp: 1818338
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.1





#60

Dibromochloromethane

Concen: 175.469 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 303845

Ion Ratio Lower Upper

129 100

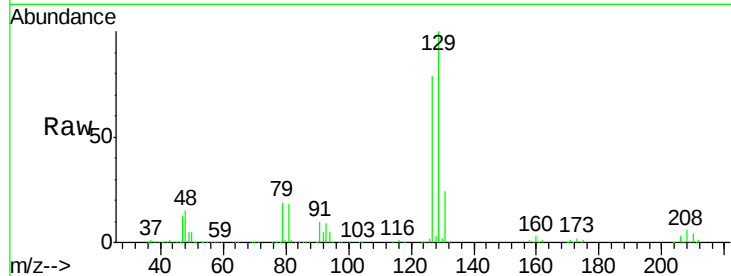
127 78.6 38.9 116.6

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

250000

200000

150000

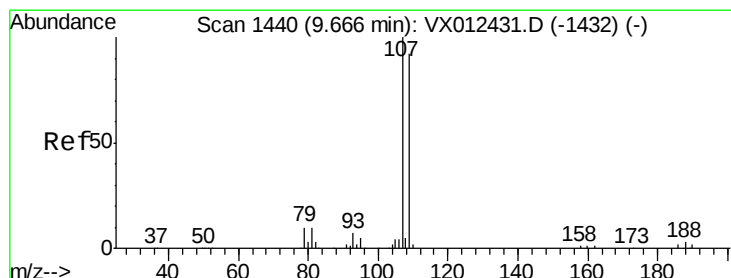
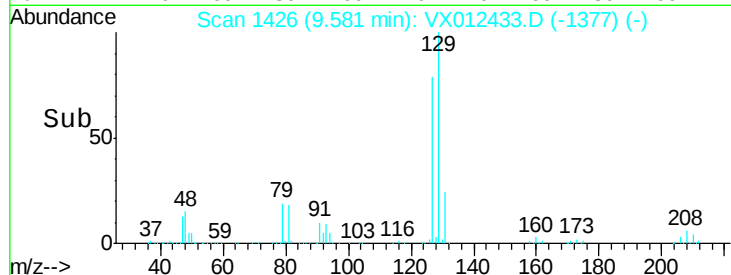
100000

50000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 162.182 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012433.D

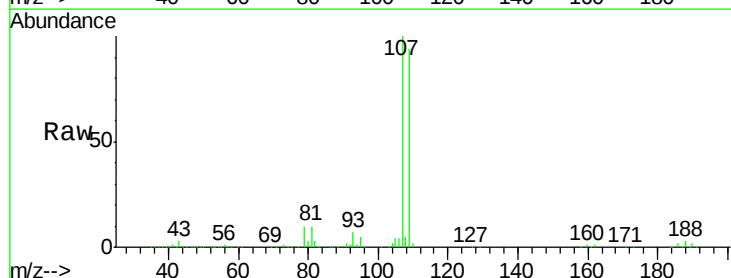
Acq: 17 Sep 2019 13:56

Tgt Ion:107 Resp: 255472

Ion Ratio Lower Upper

107 100

109 94.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

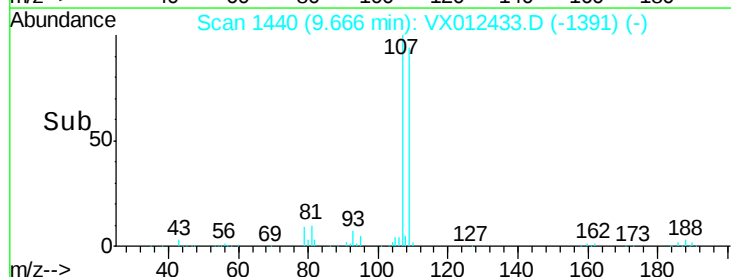
100000

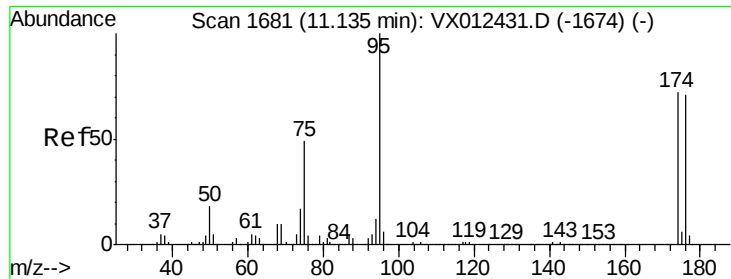
50000

0

9.60 9.70 9.80

Time-->





#62

4-Bromofluorobenzene

Concen: 158.686 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 95 Resp: 397581

Ion Ratio Lower Upper

95 100

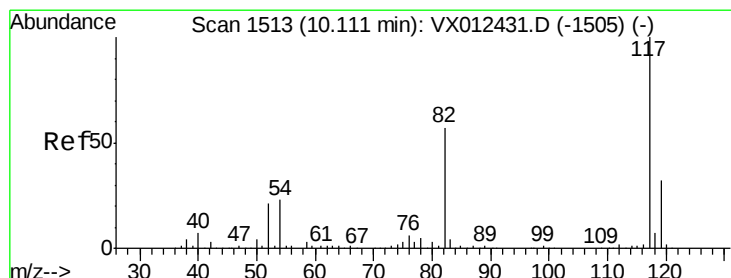
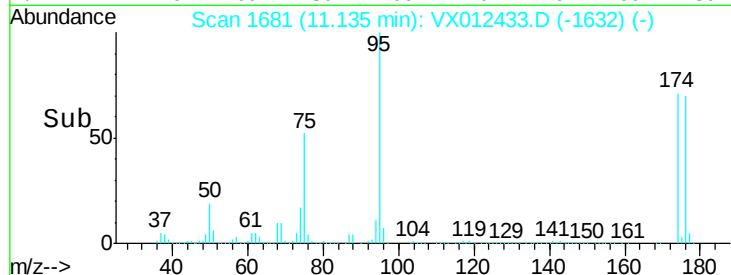
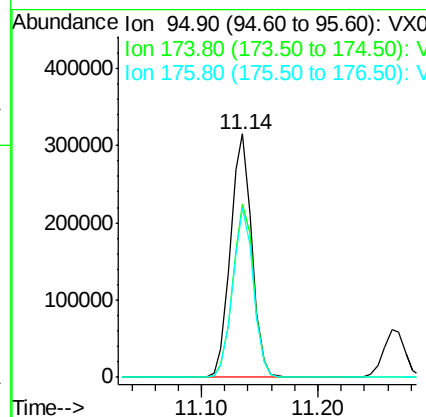
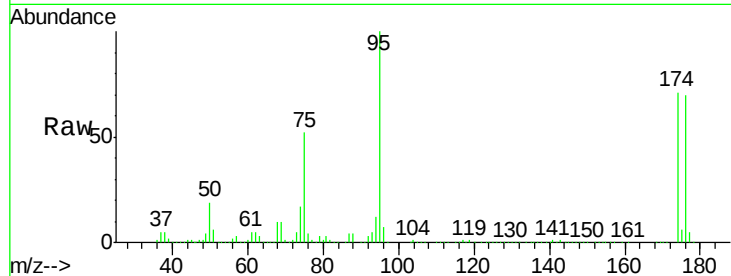
174 71.2 0.0 140.0

176 68.1 0.0 135.4

Manual Integrations
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MMDadoda

9/18/2019 11:22:25 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

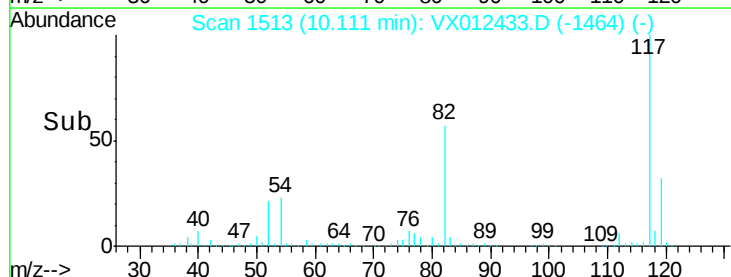
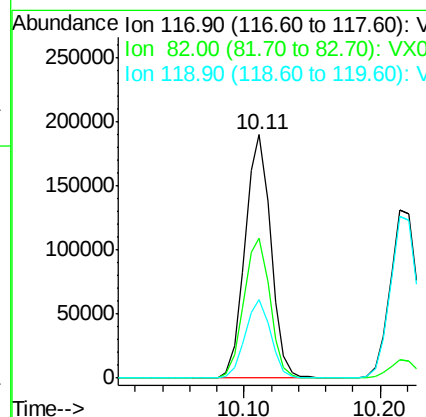
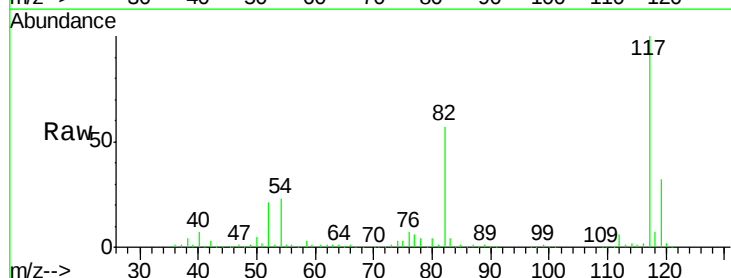
Tgt Ion: 117 Resp: 251155

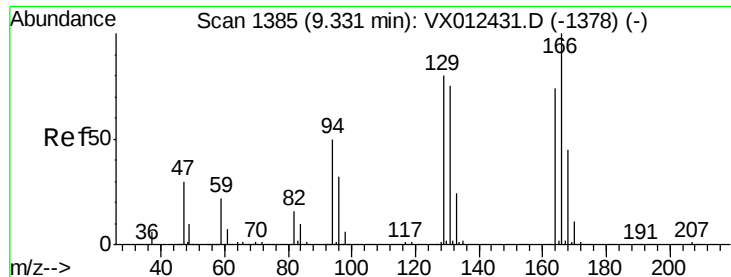
Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

119 32.2 25.3 37.9





#64

Tetrachloroethene

Concen: 145.359 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 168159

Ion Ratio Lower Upper

164 100

166 128.1 107.8 161.6

129 105.4 86.2 129.2

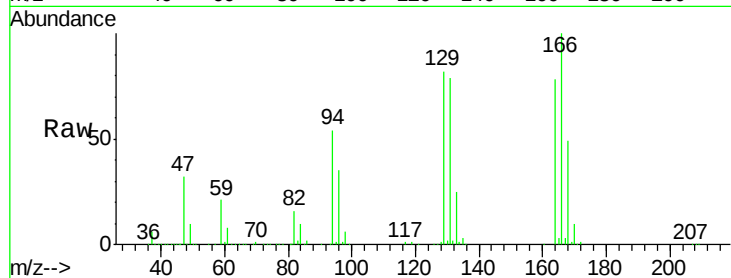
131 100.5 80.4 120.6

Manual Integrations

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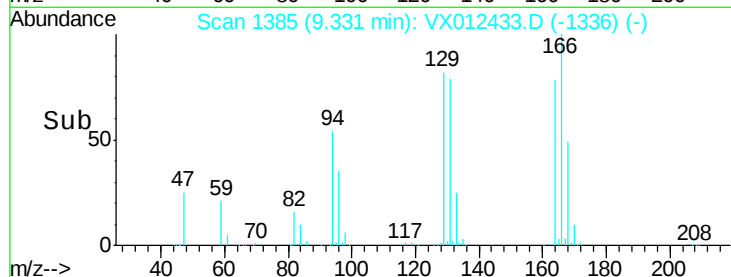


Abundance Ion 163.80 (163.50 to 164.50): V

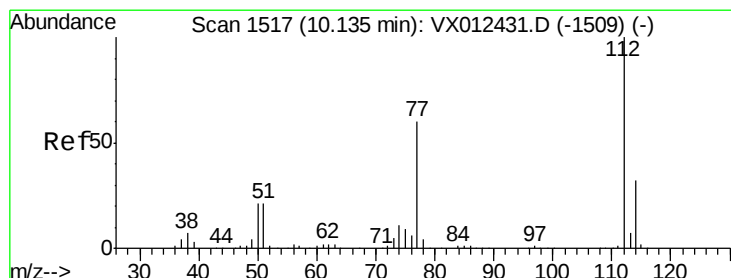
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 154.585 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012433.D

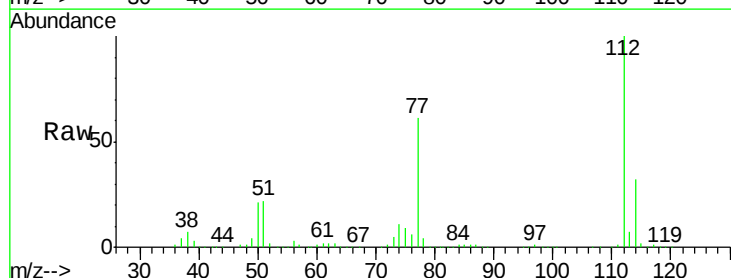
Acq: 17 Sep 2019 13:56

Tgt Ion:112 Resp: 637552

Ion Ratio Lower Upper

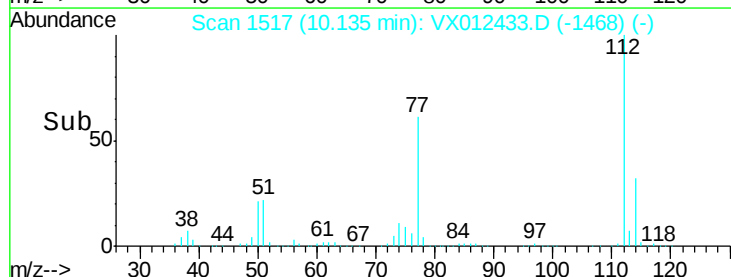
112 100

114 31.9 25.4 38.0

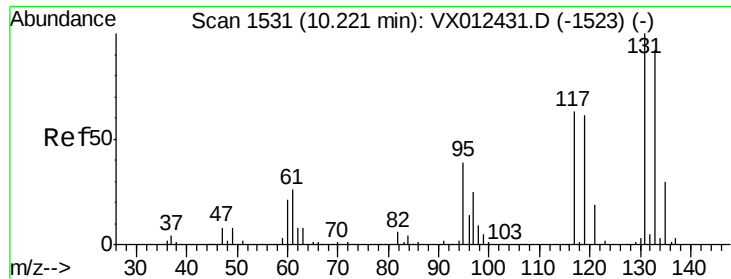


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 164.083 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:131 Resp: 277939

Ion Ratio Lower Upper

131 100

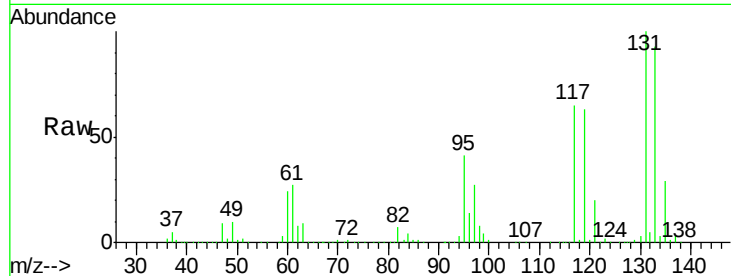
133 95.0 47.6 142.9

119 63.1 31.3 93.8

Manual Integrations
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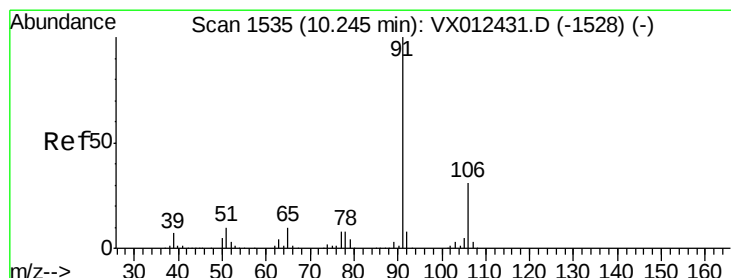
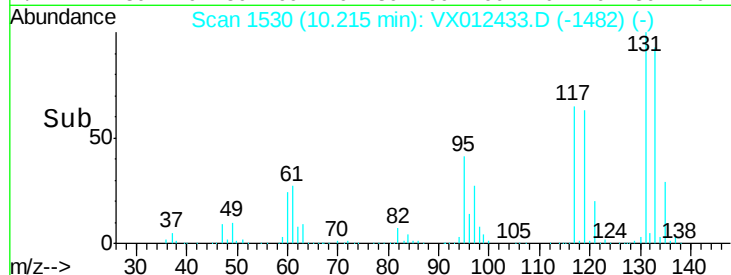
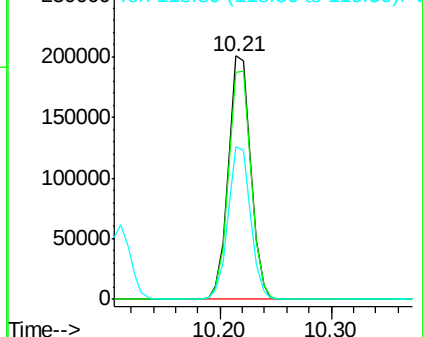
9/18/2019 11:22:25 AM



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 156.472 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012433.D

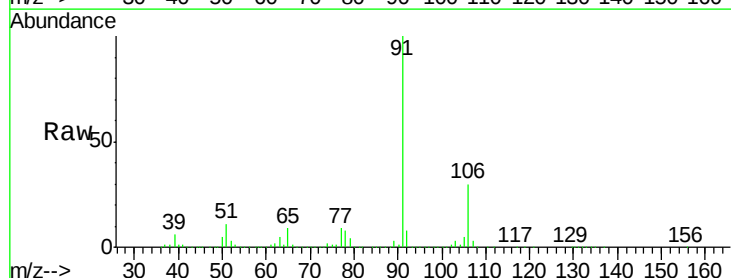
Acq: 17 Sep 2019 13:56

Tgt Ion: 91 Resp: 1106417

Ion Ratio Lower Upper

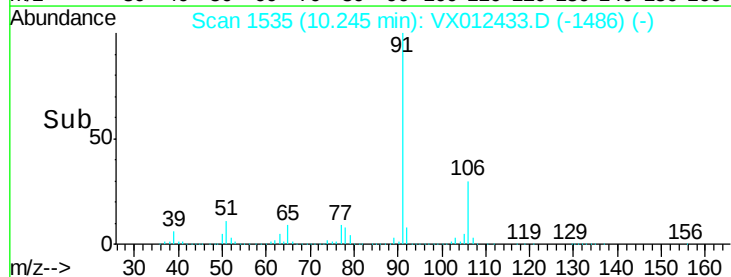
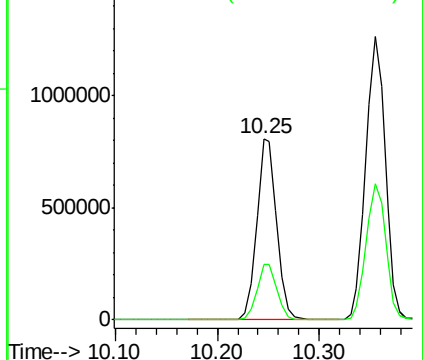
91 100

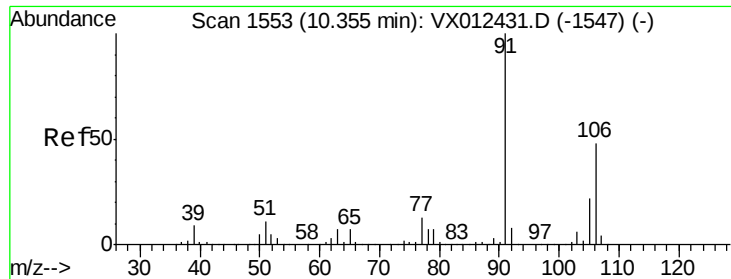
106 30.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





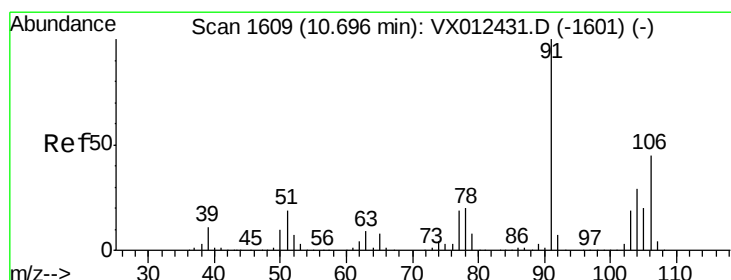
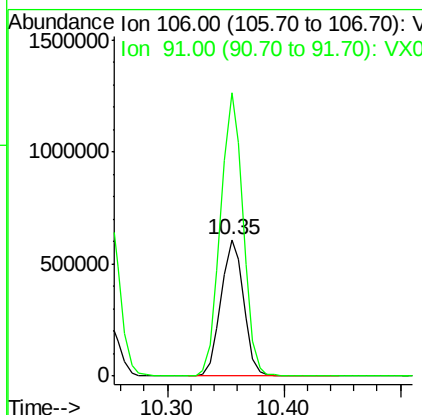
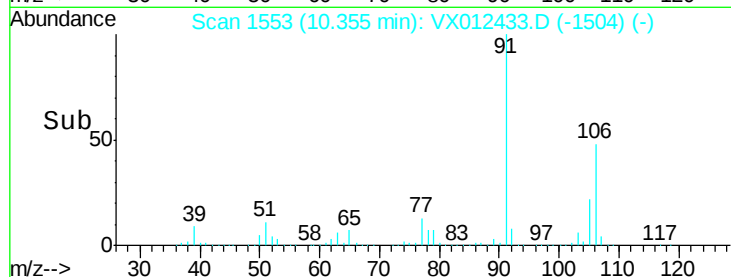
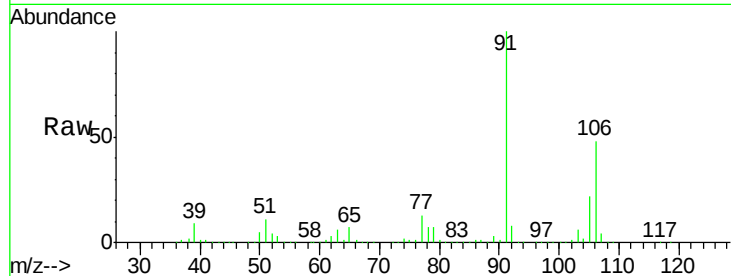
#68
m/p-Xvlenes
Concen: 319.478 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		818999		
91	206.6	166.6	250.0		

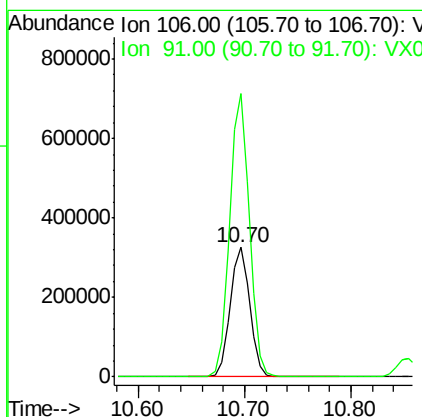
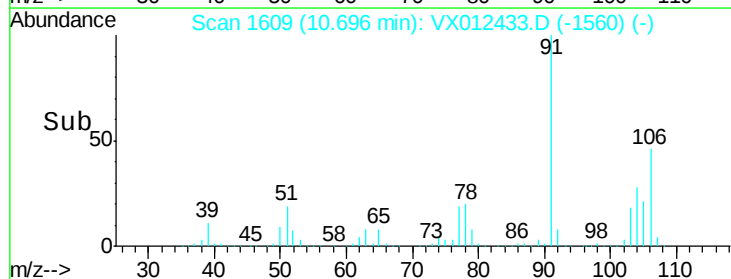
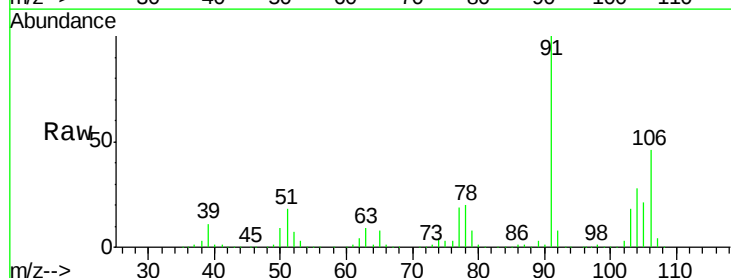
Manual Integrations
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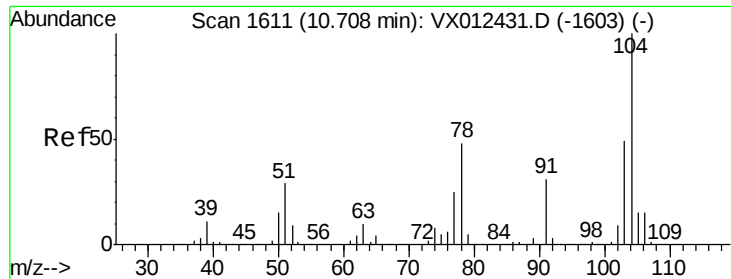
MMDadoda
9/18/2019 11:22:25 AM



#69
o-Xylene
Concen: 160.339 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		422438		
91	219.0	109.4	328.2		





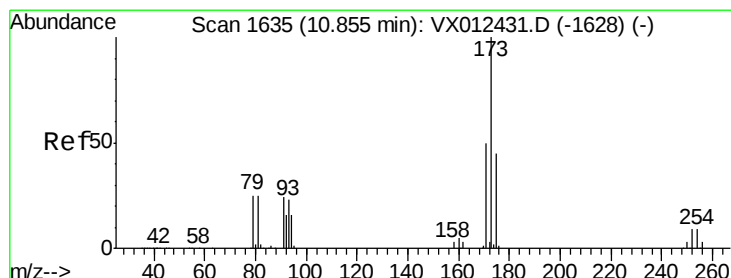
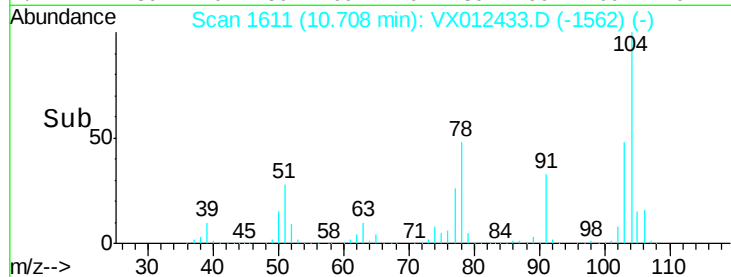
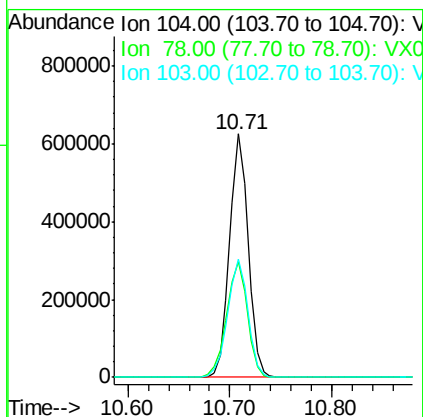
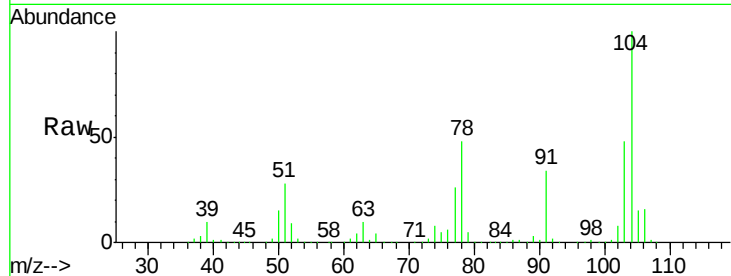
#70
Stvrene
Concen: 170.865 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
104	100	787380		
78	53.1		43.4	65.2
103	52.9		43.3	64.9

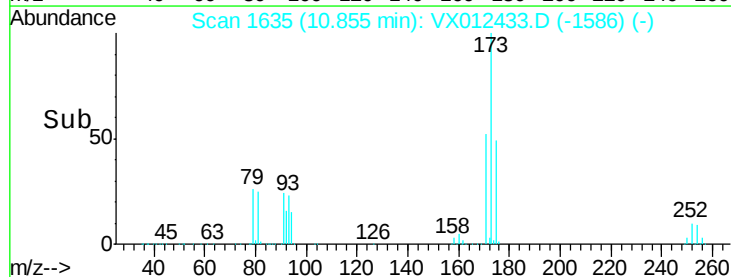
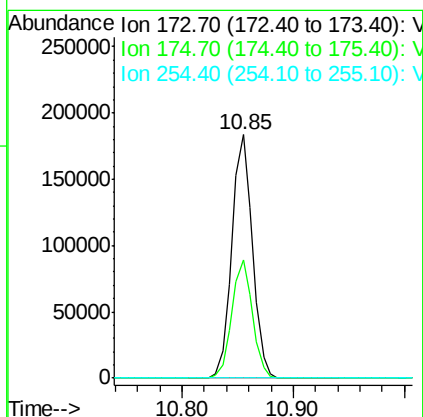
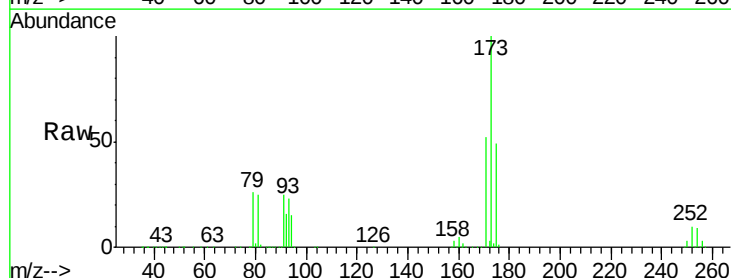
Manual Integrations
APPROVED

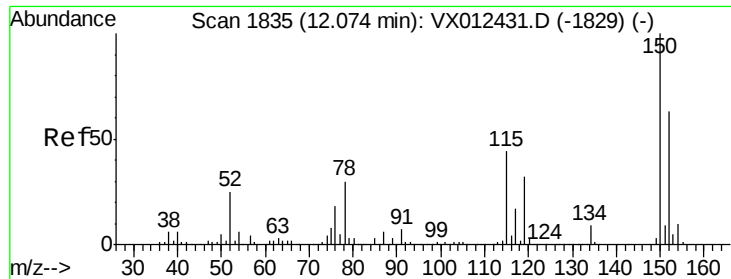
MMDadoda
9/18/2019 11:22:25 AM



#71
Bromoform
Concen: 190.061 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	234131		
175	48.6		23.7	71.1
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:152 Resp: 125987

Ion Ratio Lower Upper

152 100

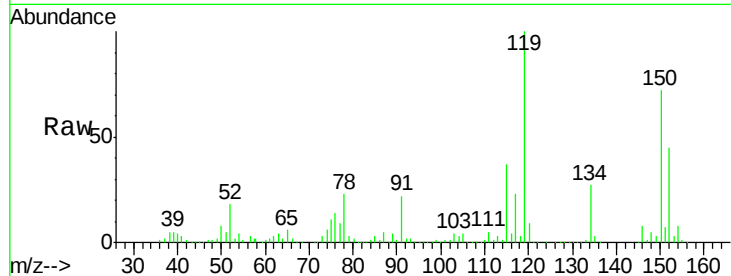
115 132.4 44.1 132.3#

150 201.5 0.0 343.8

Manual Integrations
APPROVED

MMDadoda

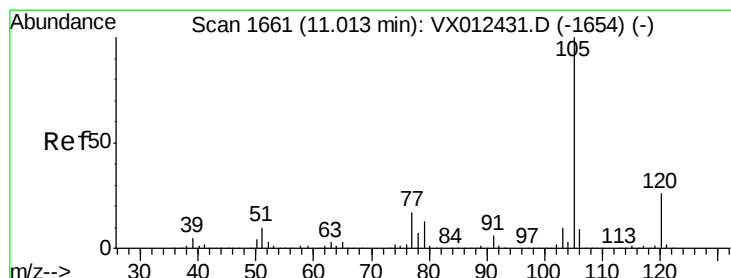
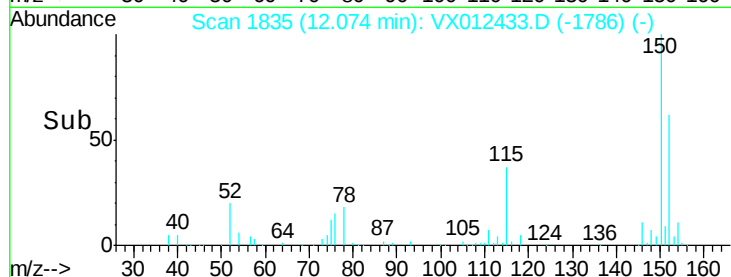
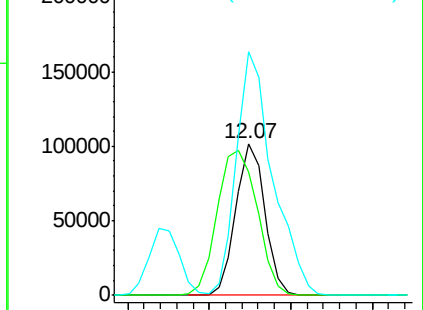
9/18/2019 11:22:25 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 151.007 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012433.D

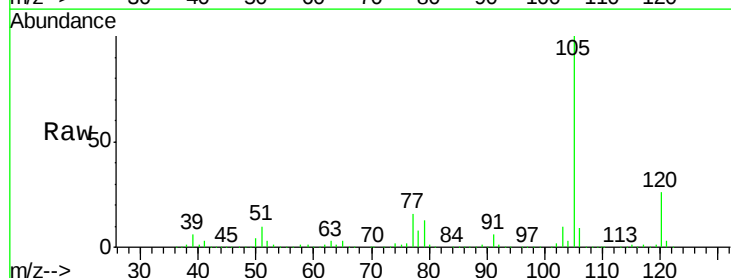
Acq: 17 Sep 2019 13:56

Tgt Ion:105 Resp: 1192368

Ion Ratio Lower Upper

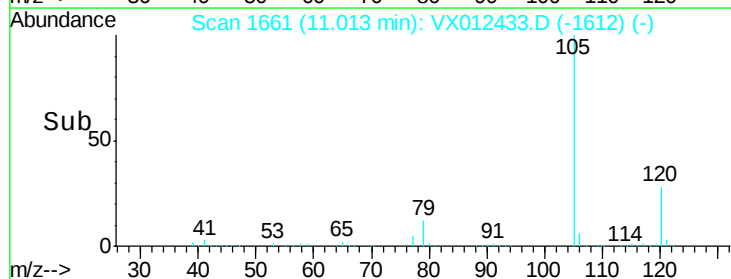
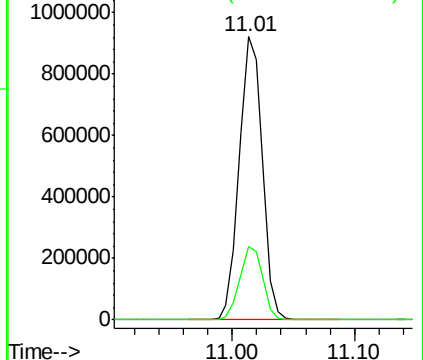
105 100

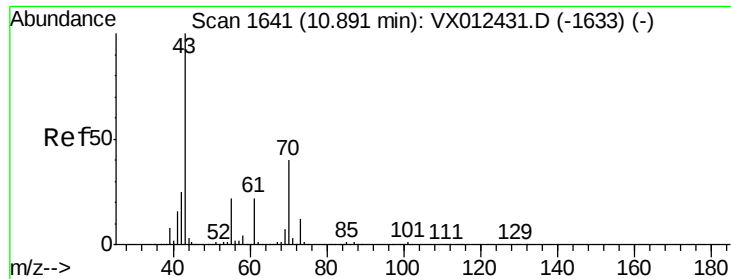
120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 160.645 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 675693

Ion Ratio Lower Upper

43 100

70 40.1 32.4 48.6

55 22.6 18.2 27.4

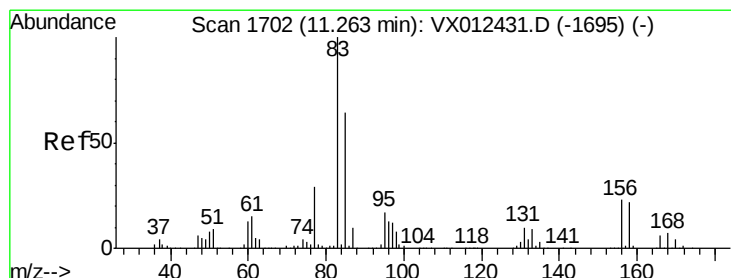
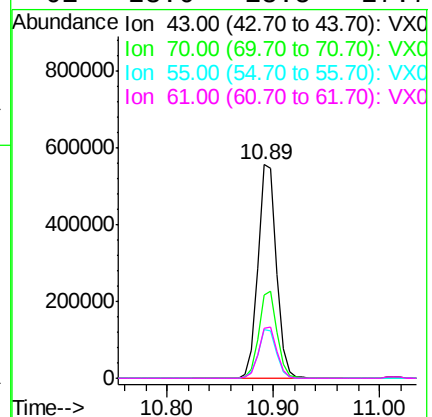
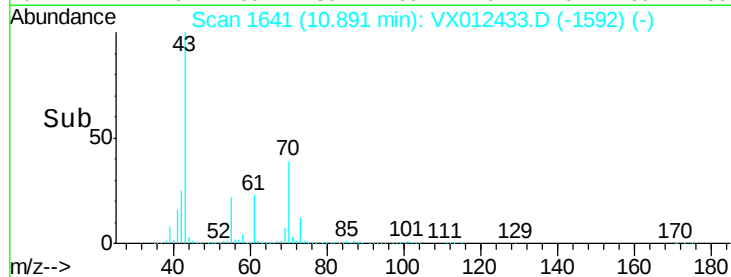
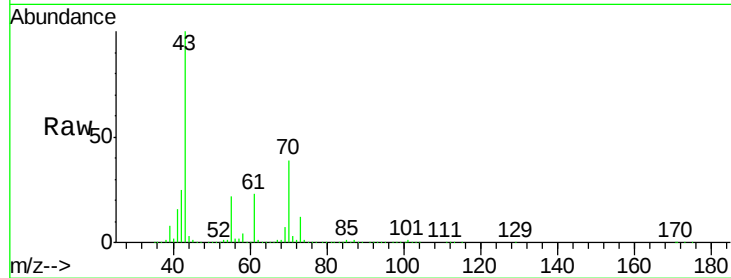
61 23.6 18.5 27.7

Manual Integrations

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#75

1,1,2,2-Tetrachloroethane

Concen: 151.395 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

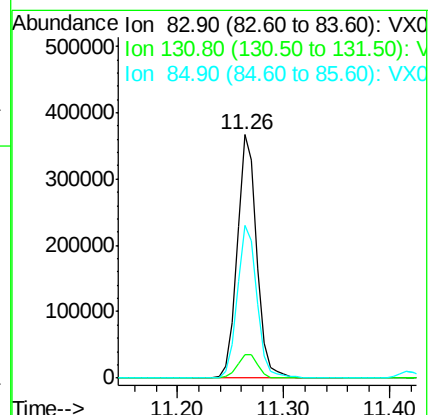
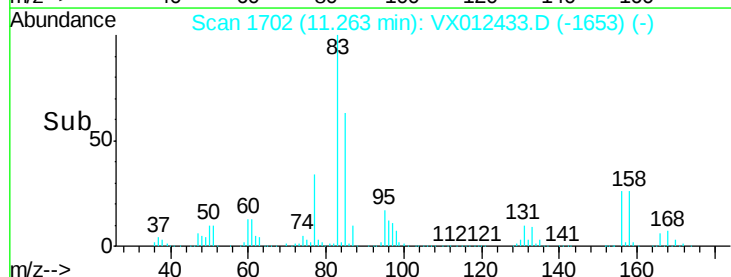
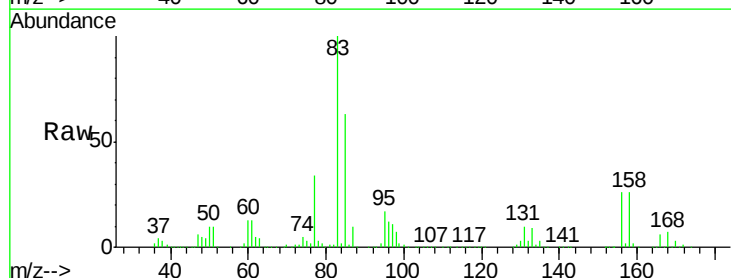
Tgt Ion: 83 Resp: 468736

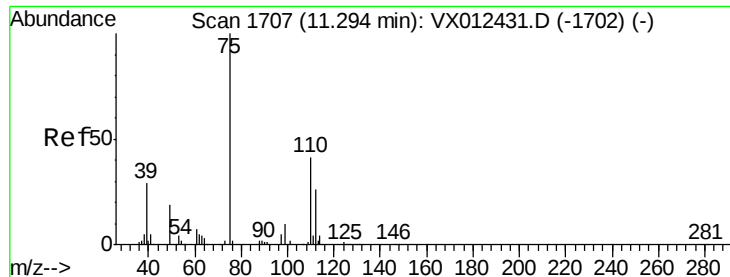
Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 63.8 32.0 96.0





#76

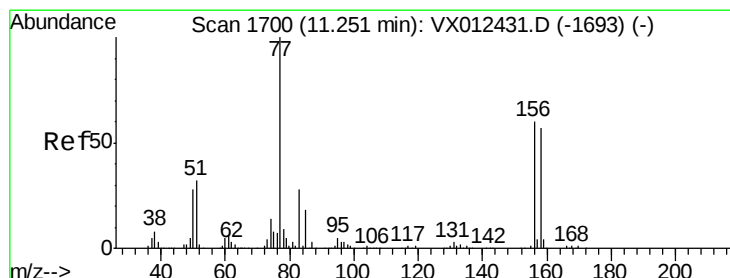
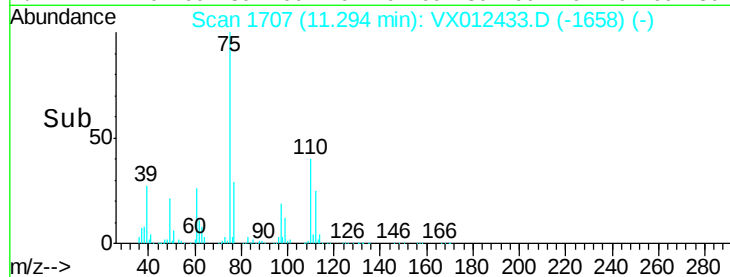
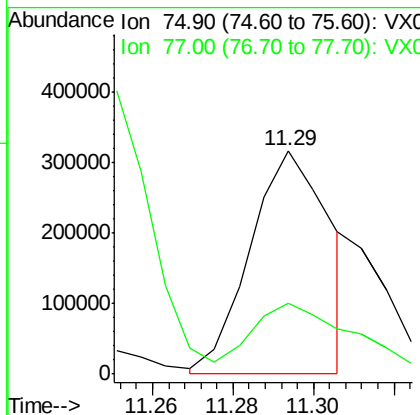
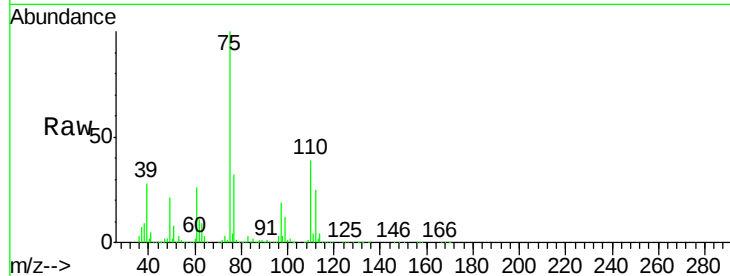
1,2,3-Trichloropropane
Concen: 150.891 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 436249
Ion Ratio Lower Upper
75 100
77 40.8 19.7 59.0

Manual Integrations
APPROVED

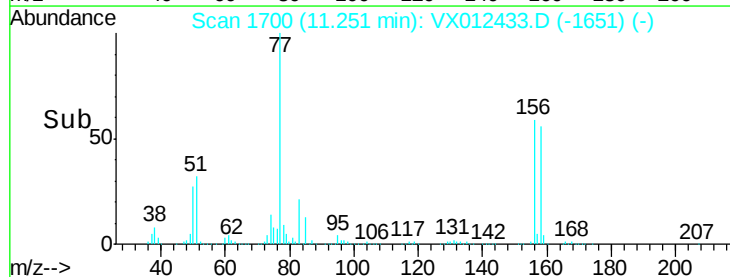
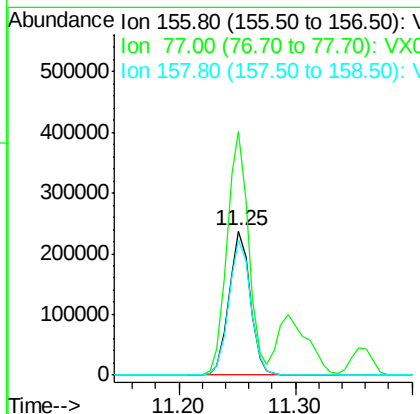
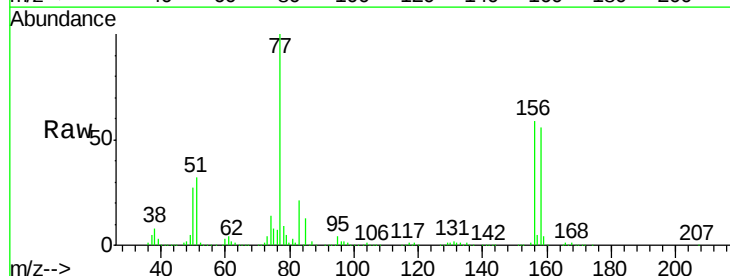
MMDadoda
9/18/2019 11:22:25 AM

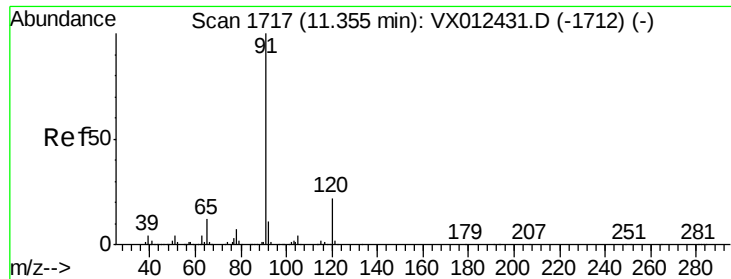


#77

Bromobenzene
Concen: 157.177 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 156 Resp: 300620
Ion Ratio Lower Upper
156 100
77 172.0 87.3 261.8
158 96.3 48.5 145.6





#78

n-propylbenzene

Concen: 158.438 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1382939

Ion Ratio Lower Upper

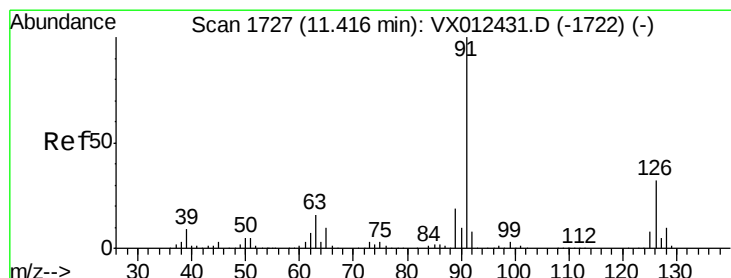
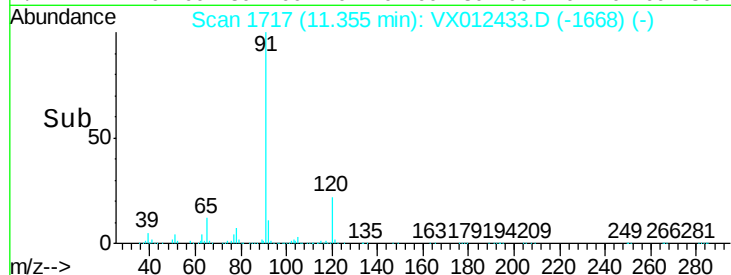
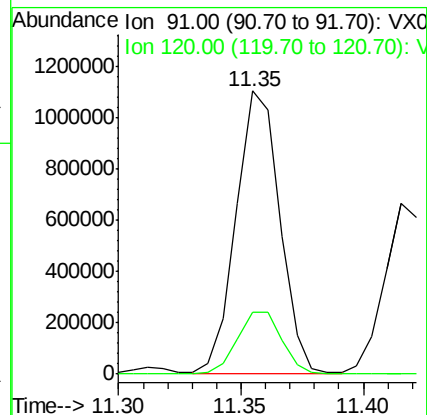
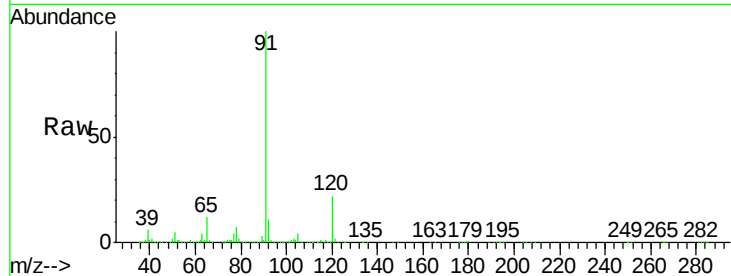
91 100

120 22.6 11.3 33.8

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#79

2-Chlorotoluene

Concen: 150.021 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012433.D

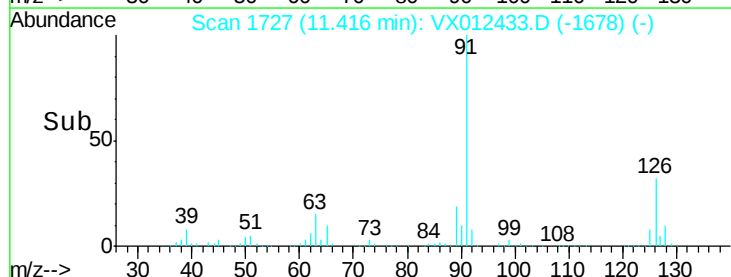
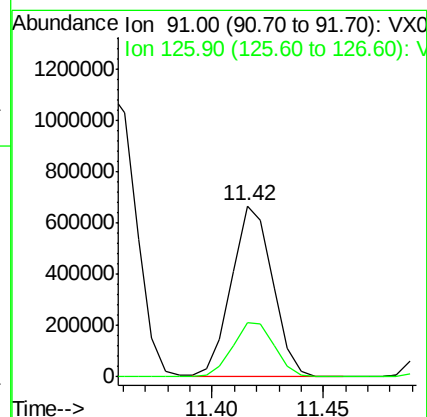
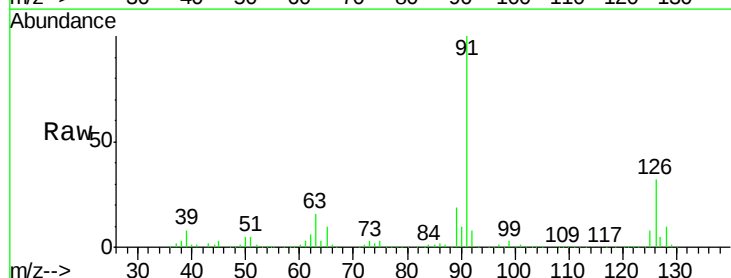
Acq: 17 Sep 2019 13:56

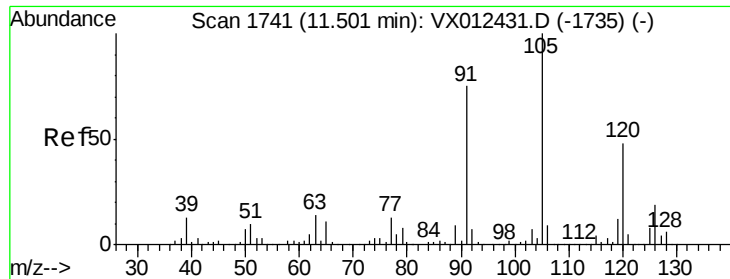
Tgt Ion: 91 Resp: 859848

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.4





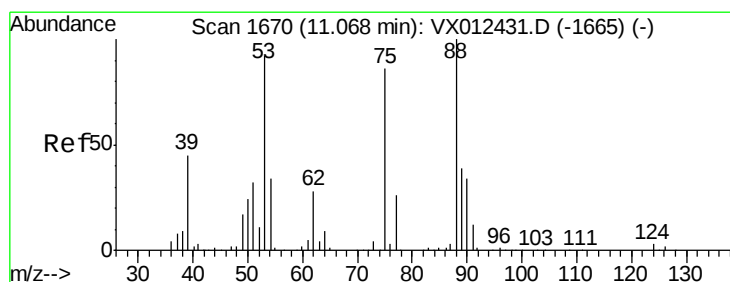
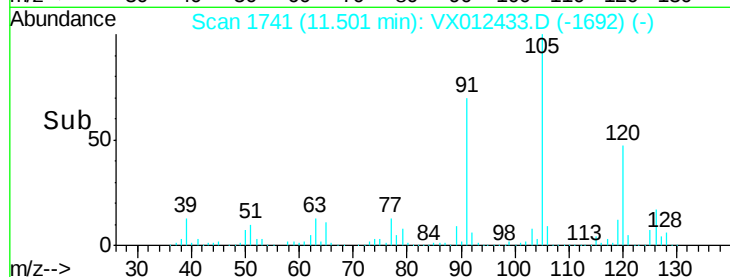
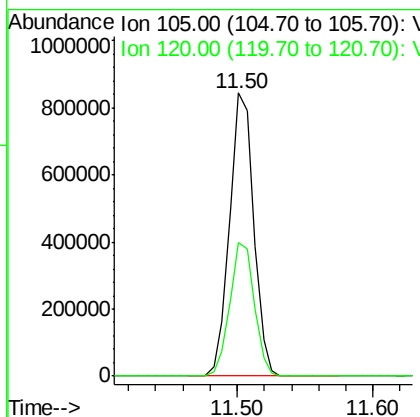
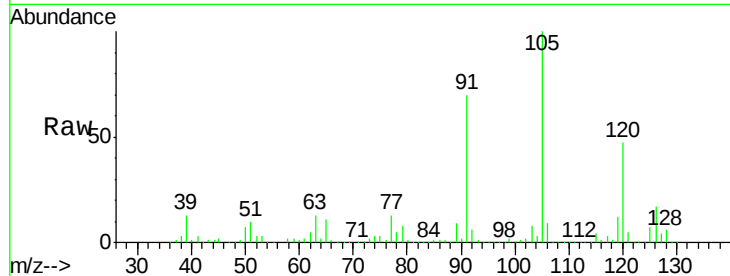
#80
1,3,5-Trimethylbenzene
Concen: 155.129 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC150

Tot Ion:105 Resp: 1039899
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8

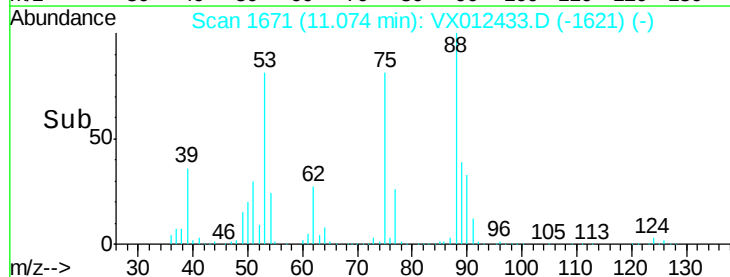
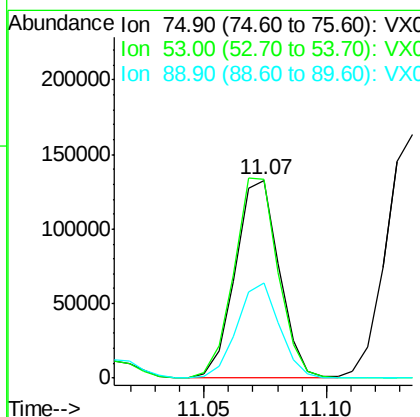
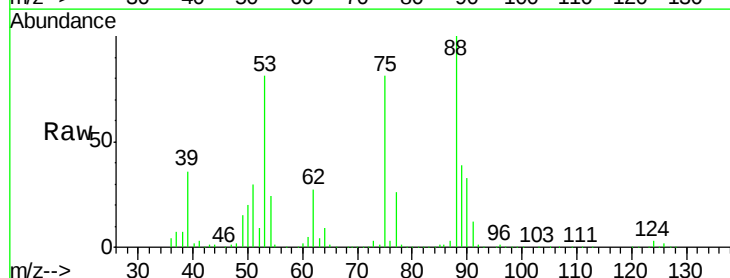
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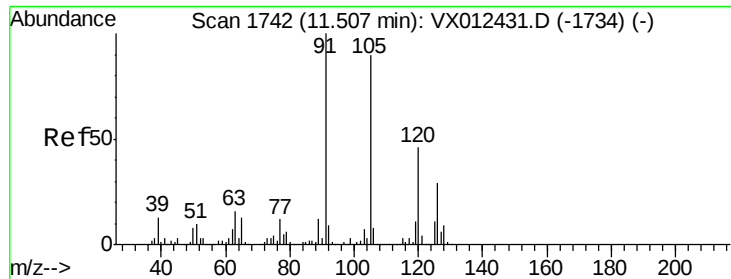
MMDadoda
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#81
trans-1,4-Dichloro-2-butene
Concen: 175.316 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 75 Resp: 165255
Ion Ratio Lower Upper
75 100
53 101.9 83.6 125.4
89 47.0 36.3 54.5





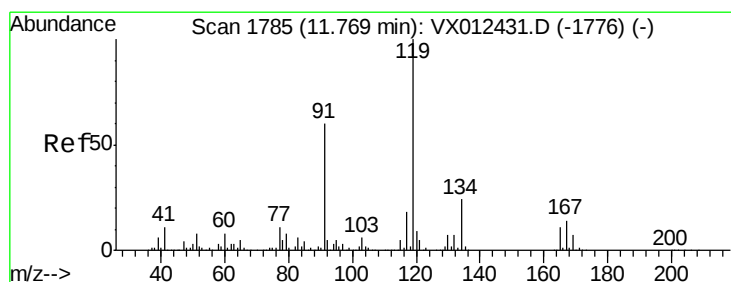
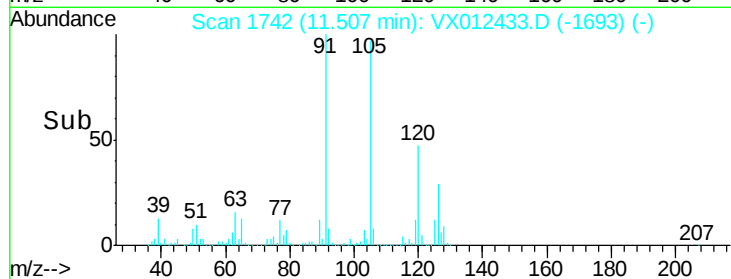
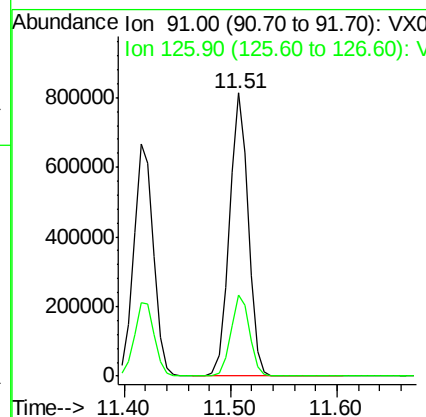
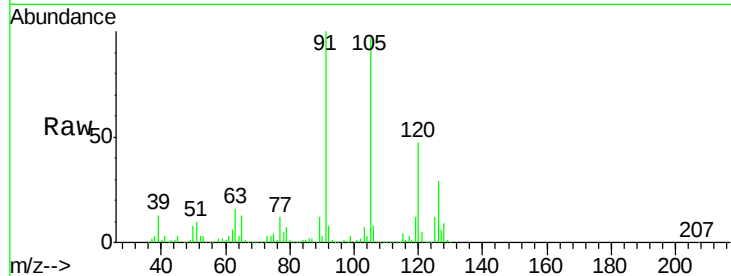
#82
4-Chlorotoluene
Concen: 153.470 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1005682
Ion Ratio Lower Upper
91 100
126 28.5 14.4 43.0

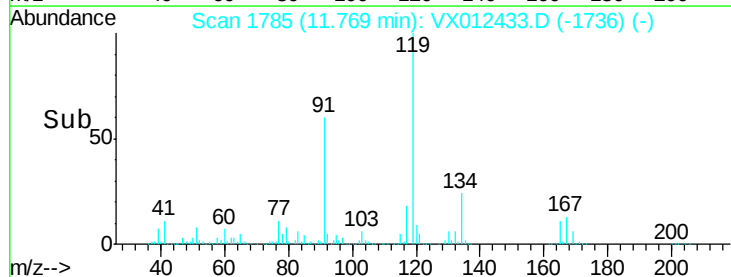
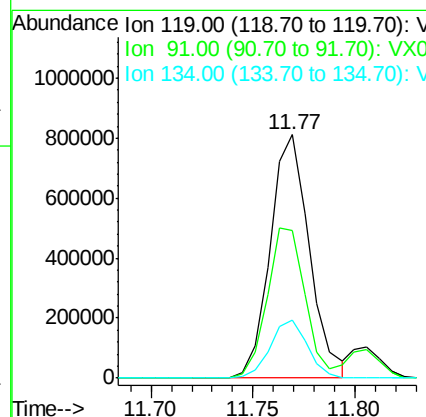
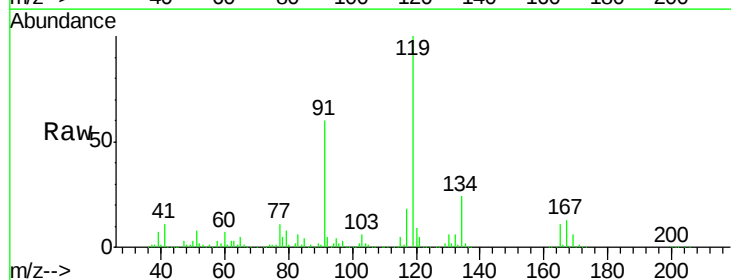
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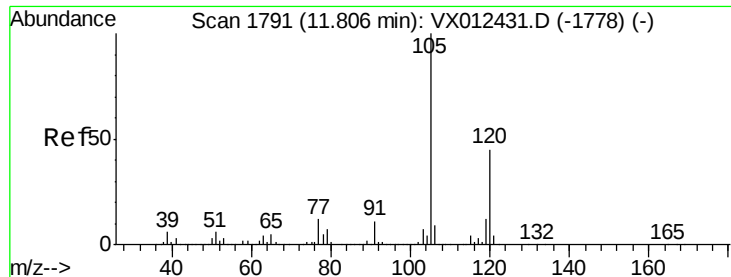
MMDadoda
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#83
tert-Butylbenzene
Concen: 150.357 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 119 Resp: 1085745
Ion Ratio Lower Upper
119 100
91 59.5 30.0 90.0
134 22.7 11.3 33.9





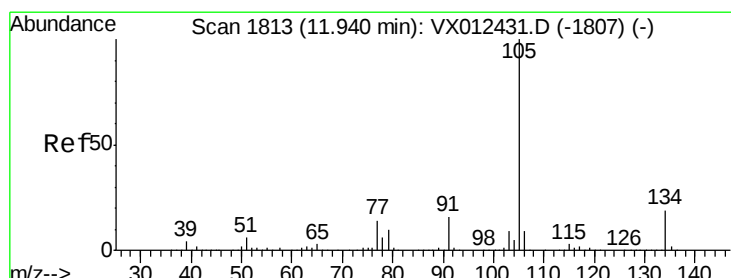
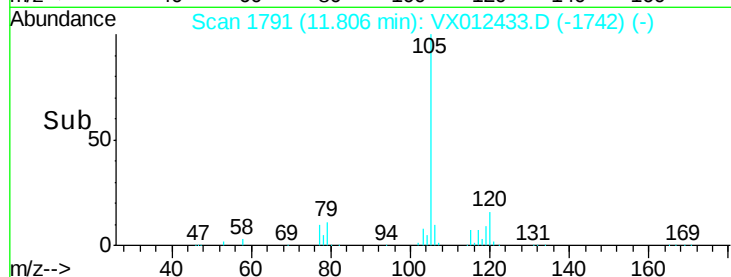
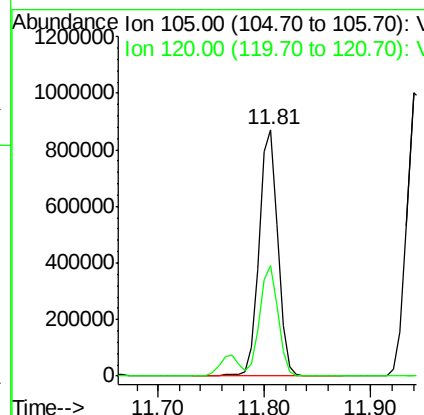
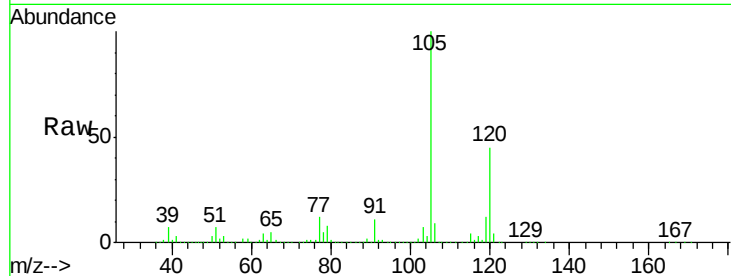
#84
 1,2,4-Trimethylbenzene
 Concen: 156.161 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tot Ion:105 Resp: 1073614
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.2 66.6

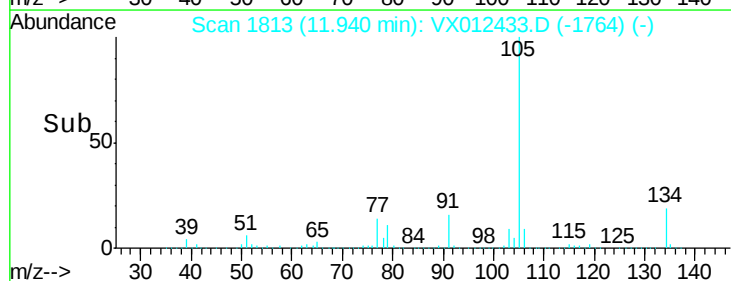
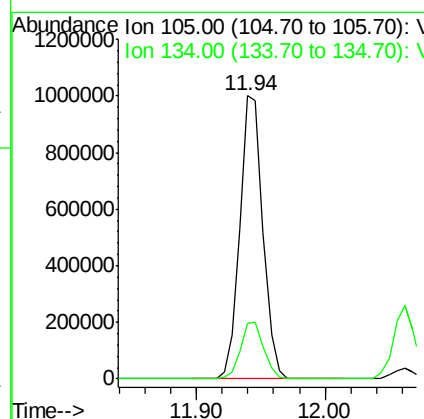
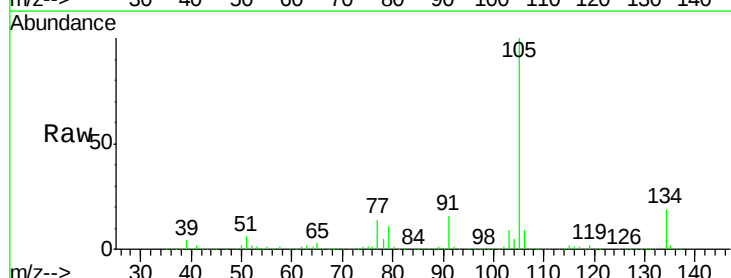
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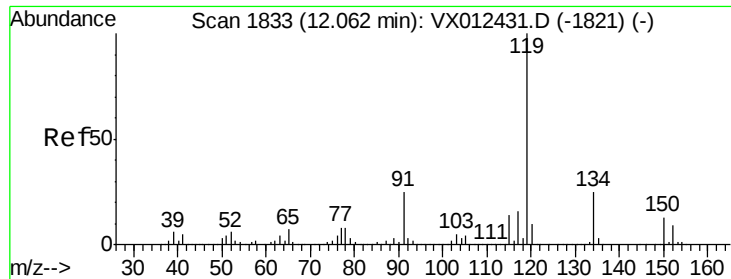
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#85
 sec-Butylbenzene
 Concen: 157.656 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion:105 Resp: 1244403
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4





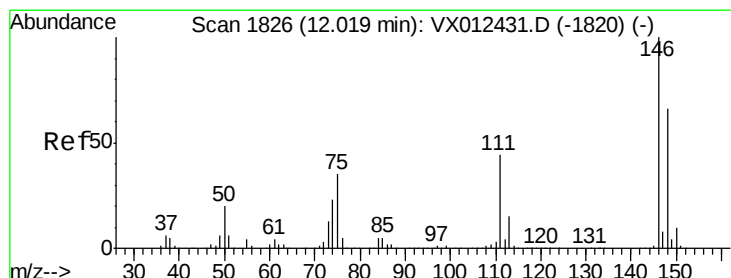
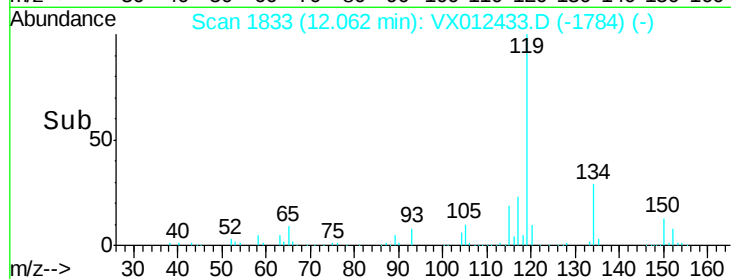
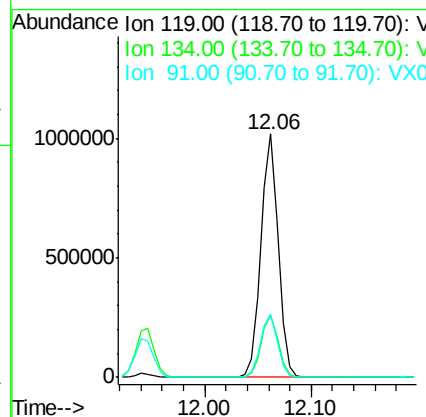
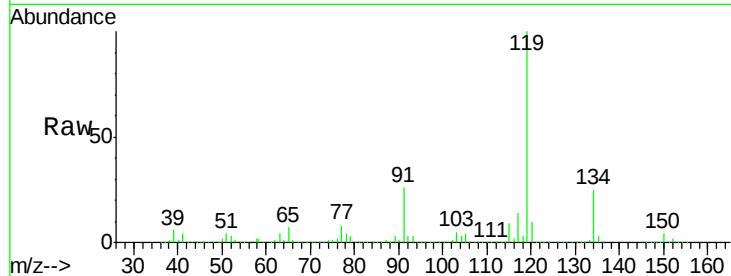
#86
p-Isopropyltoluene
Concen: 161.175 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.7	38.1
91	25.6	12.8	38.4

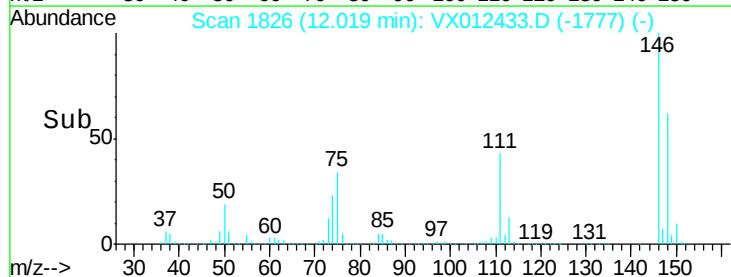
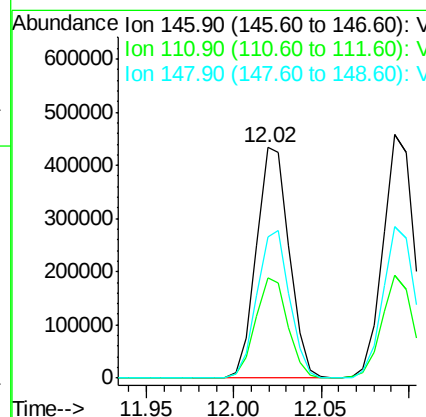
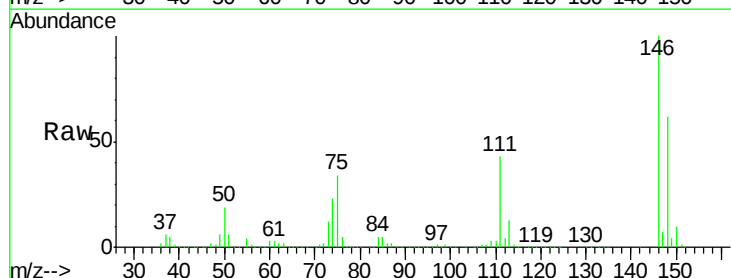
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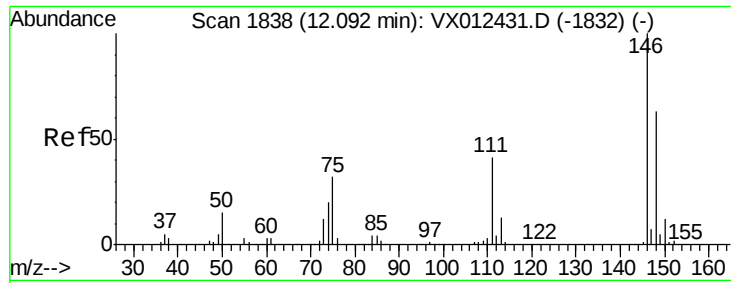
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#87
1,3-Dichlorobenzene
Concen: 157.462 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	64.0
148	63.4	32.4	97.2





#88

1,4-Dichlorobenzene

Concen: 153.082 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

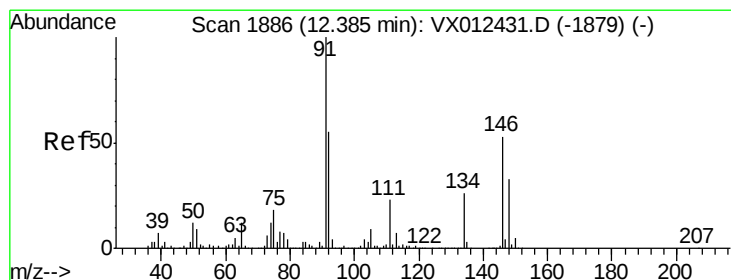
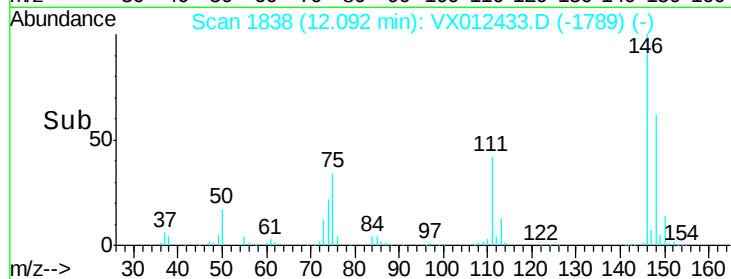
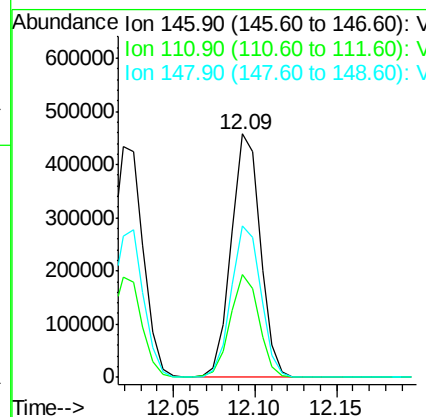
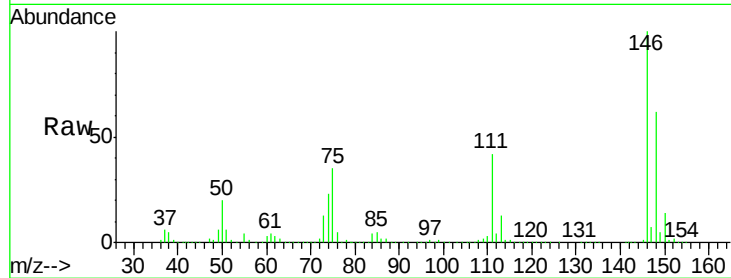
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	568311
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.1	63.3
148	63.3	32.1	96.5

Manual Integrations
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#89

n-Butylbenzene

Concen: 163.406 ug/l

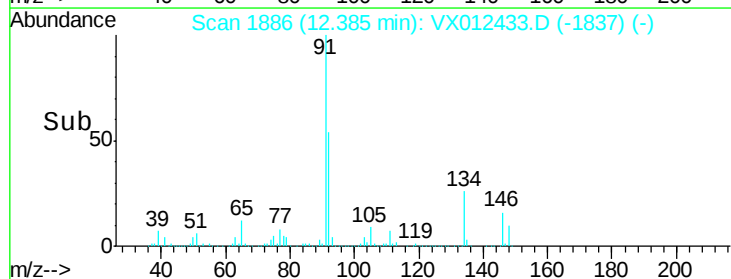
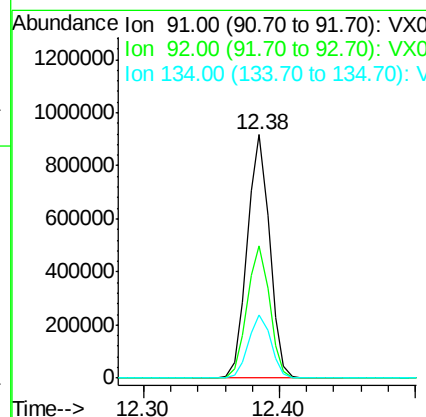
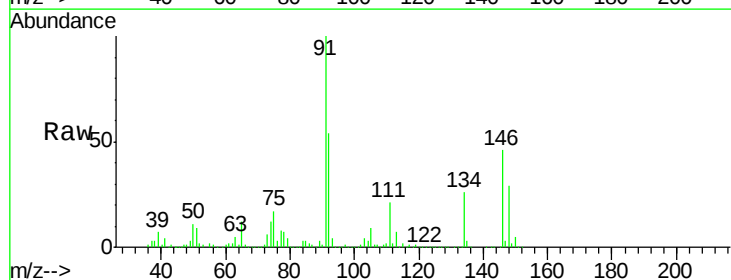
RT: 12.38 min Scan# 1886

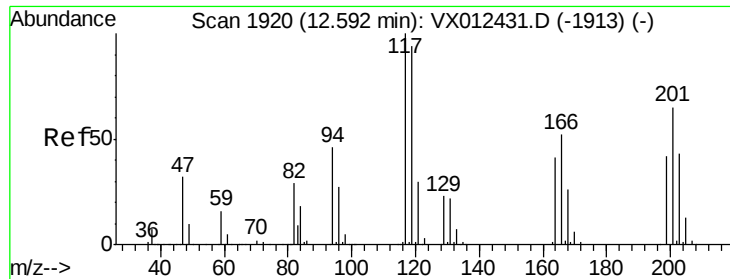
Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:	91	Resp:	1050077
Ion Ratio	Lower	Upper	
91	100		
92	54.7	27.7	83.0
134	26.2	12.9	38.6





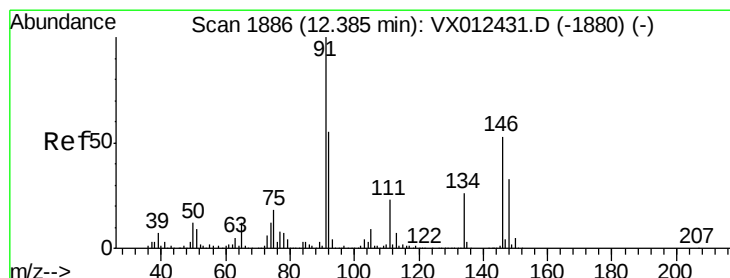
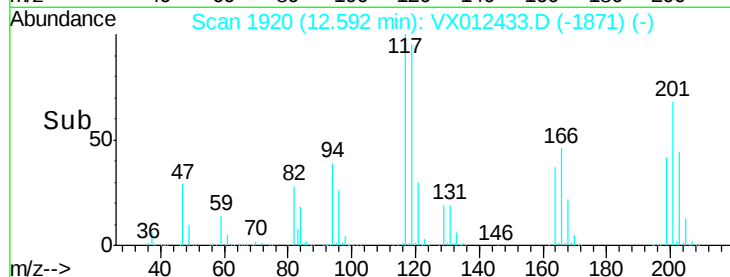
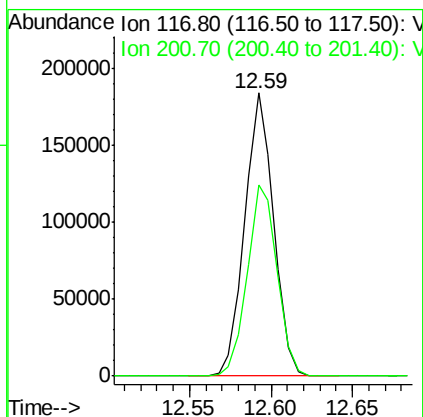
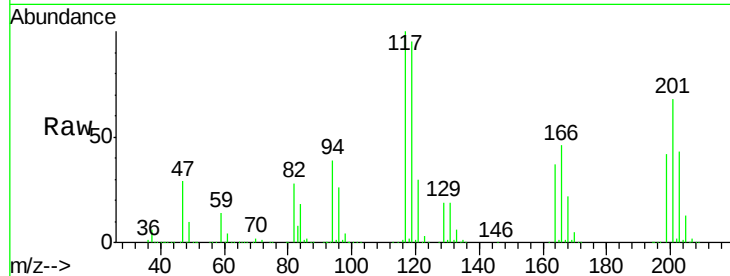
#90
Hexachloroethane
Concen: 174.406 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 227580
Ion Ratio Lower Upper
117 100
201 69.7 33.3 99.8

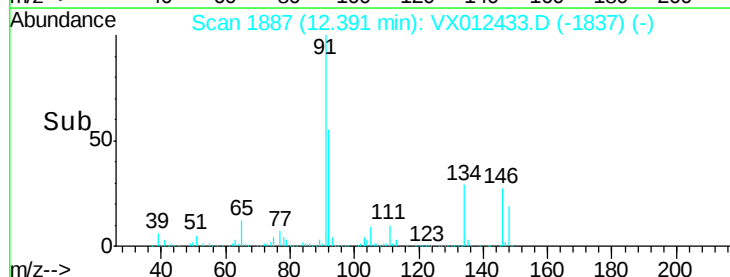
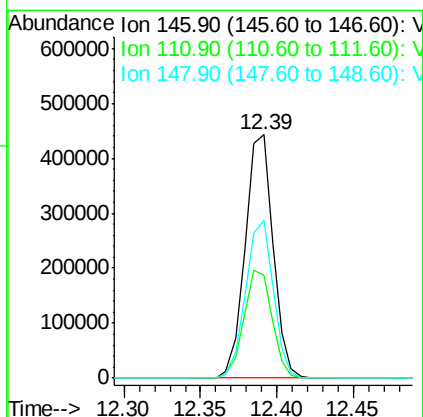
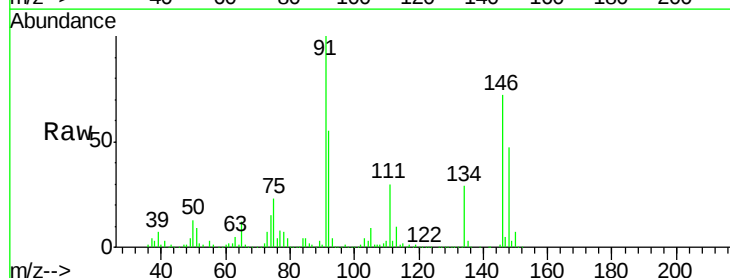
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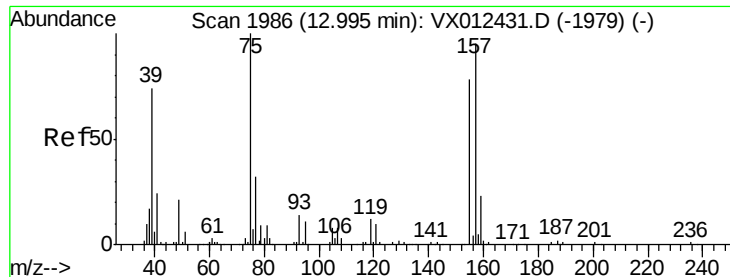
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#91
1,2-Dichlorobenzene
Concen: 147.442 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion:146 Resp: 560447
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.1
148 64.6 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 162.961 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 129149

Ion Ratio Lower Upper

75 100

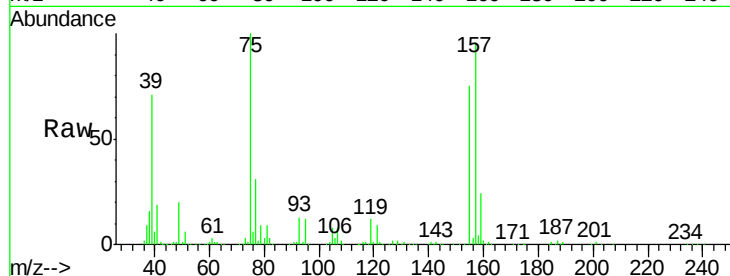
155 78.9 38.6 115.8

157 100.1 50.6 151.9

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MMDadoda

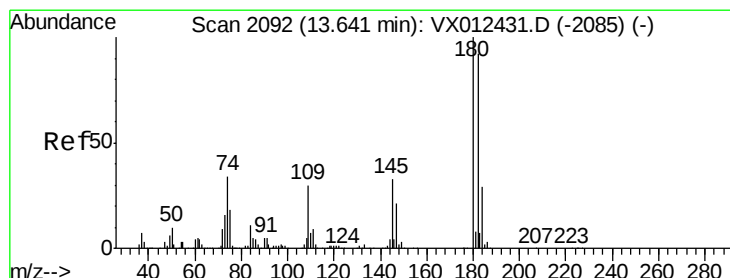
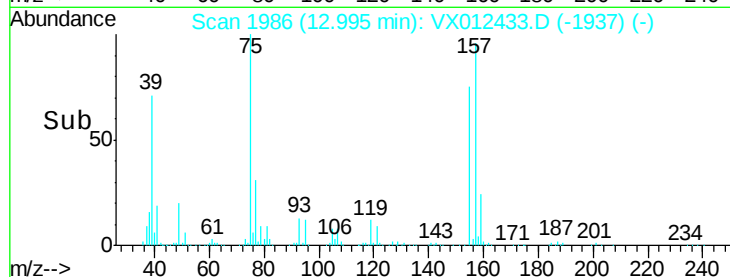
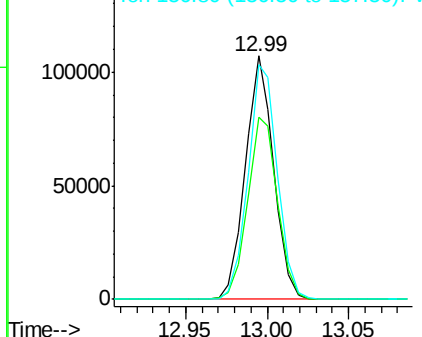
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Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 167.507 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

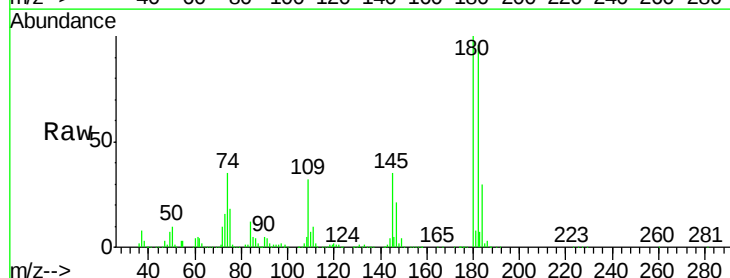
Tgt Ion: 180 Resp: 401152

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.0

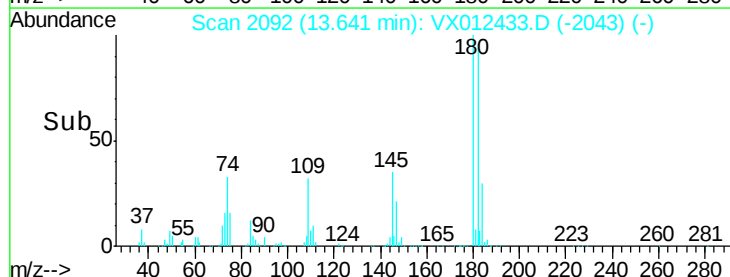
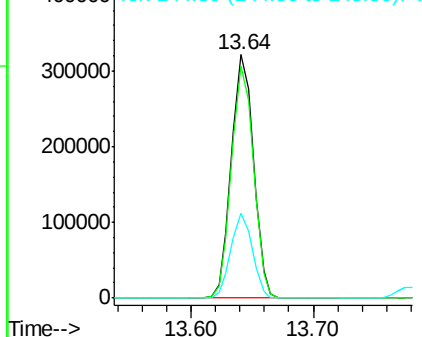
145 34.0 16.8 50.4

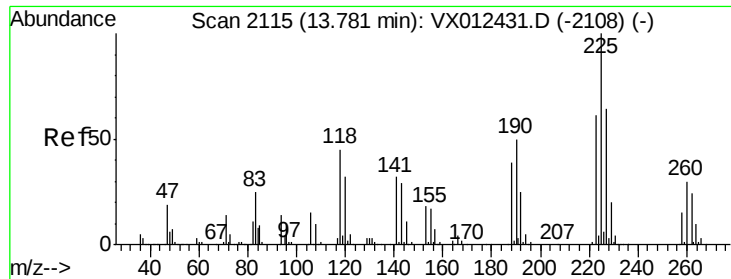


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 157.077 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

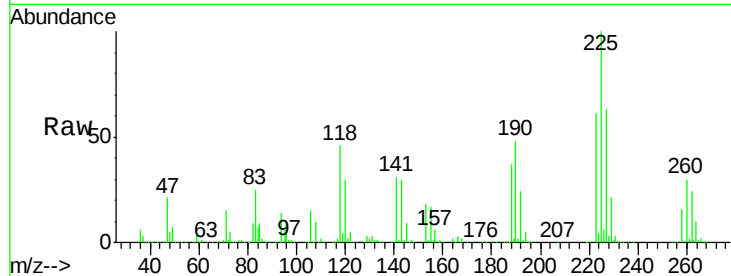
ClientSampleId :

VSTDIC150

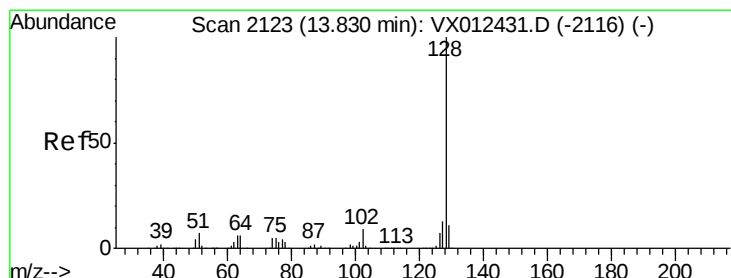
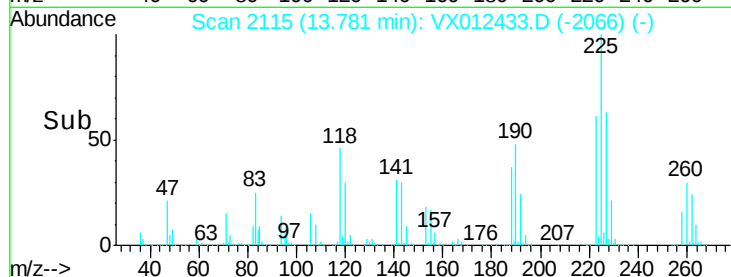
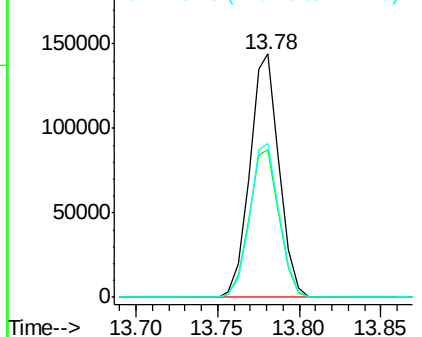
Tot Ion:	225	Resp:	179336
Ion Ratio		Lower	Upper
225	100		
223	62.1	32.0	96.2
227	63.8	31.9	95.5

Manual Integrations
APPROVED

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9/18/2019 11:22:25 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 168.620 ug/l

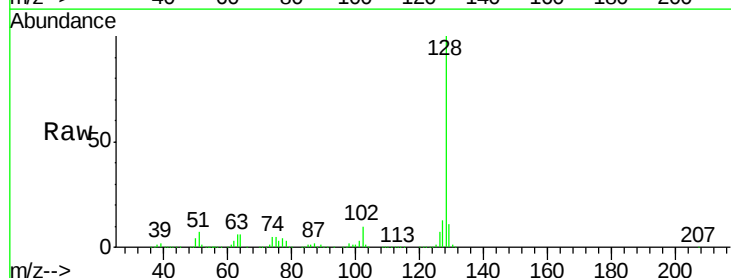
RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

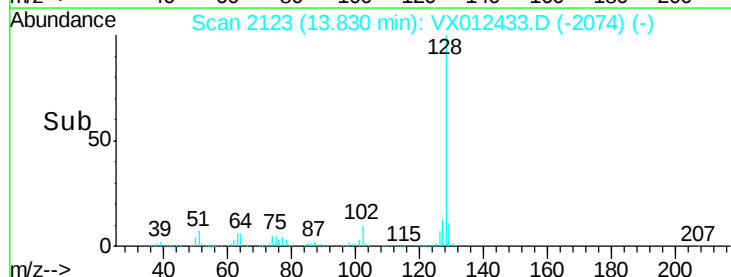
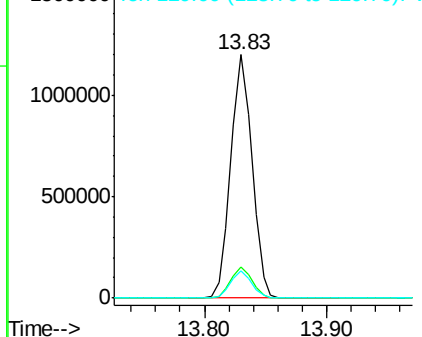
Lab File: VX012433.D

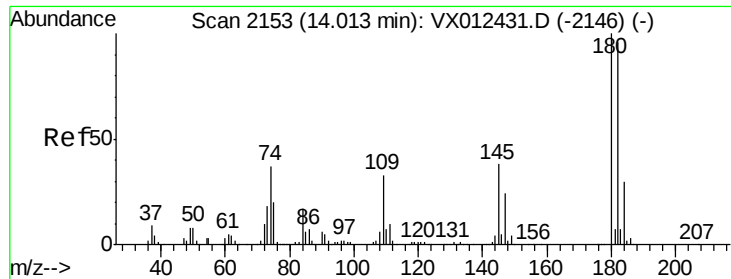
Acq: 17 Sep 2019 13:56

Tgt Ion:	128	Resp:	1435126
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 163.372 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	400499		
182	94.8		47.1	141.3
145	35.8		18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:22:25 AM

