

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032719\
 Data File : VX008473.D
 Acq On : 27 Mar 2019 10:53
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 9:37:02 AM

Quant Time: Mar 27 11:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 11:27:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	36390	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	210121	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	187348	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	90730	36.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	121.63%
60) 4-Bromofluorobenzene	11.13	95	98051	32.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.17%
63) Toluene-d8	8.71	98	268221	31.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	123001	62.996	ug/l 99
3) Chloromethane	1.32	50	159438	79.864	ug/l 97
4) Vinyl Chloride	1.41	62	159634	70.947	ug/l 98
5) Bromomethane	1.64	94	83144	20.384	ug/l 98
6) Chloroethane	1.71	64	97685	61.087	ug/l 95
7) Trichlorofluoromethane	1.93	101	179507	50.116	ug/l 100
8) Diethyl Ether	2.19	74	83918	60.410	ug/l 81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111249	56.160	ug/l 92
10) 1,1-Dichloroethene	2.37	96	113619	58.108	ug/l 85
11) Methyl Iodide	2.51	142	122003	41.276	ug/l 96
12) Methyl Acetate	3.19	43	91028	42.664	ug/l 91
13) Acrolein	2.29	56	127304	380.867	ug/l 98
14) Acrylonitrile	3.14	53	422684	399.190	ug/l 99
15) Acetone	2.44	58	134195	323.193	ug/l 91
16) Carbon Disulfide	2.57	76	348604	64.299	ug/l 99
17) Allyl chloride	2.73	41	254172	88.093	ug/l 92
18) Methylene Chloride	2.85	84	133607	63.476	ug/l 88
19) trans-1,2-Dichloroethene	3.17	96	120036	57.832	ug/l 88
20) Diisopropyl ether	3.85	45	491420	81.456	ug/l # 89
21) 1,1-Dichloroethane	3.70	63	247446	69.448	ug/l 96
22) cis-1,2-Dichloroethene	4.60	96	139312	58.193	ug/l # 81
23) tert-Butyl Alcohol	3.05	59	172646	401.635	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	413650	65.849	ug/l 99
25) Chloroform	5.21	83	221966	58.727	ug/l 94
26) Cyclohexane	5.58	56	240351	76.276	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	176533	59.153	ug/l 93
30) 2-Butanone	4.67	43	653212	380.008	ug/l 94
31) 2,2-Dichloropropane	4.59	77	176272	62.735	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	182097	51.858	ug/l 95
33) Carbon Tetrachloride	5.78	117	152568	47.309	ug/l 98
34) Benzene	6.14	78	533295	59.990	ug/l # 96
35) Methacrylonitrile	5.04	41	129695	81.000	ug/l 92
36) 1,2-Dichloroethane	6.19	62	190428	58.117	ug/l 97
37) Trichloroethene	7.21	130	122677	46.936	ug/l 84
38) Methylcyclohexane	7.46	83	221306	59.168	ug/l 88
39) 1,2-Dichloropropane	7.51	63	150263	66.429	ug/l 100
40) Dibromomethane	7.66	93	87438	52.704	ug/l 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	174716	55.500	ug/l	99
42) Vinyl Acetate	3.81	43	2211505	382.774	ug/l #	94
43) Ethyl Acetate	4.83	43	233615	76.994	ug/l #	82
44) Isopropyl Acetate	6.45	43	376475	78.842	ug/l	98
45) 1,4-Dioxane	7.74	88	76348	1271.206	ug/l #	83
46) Methyl methacrylate	7.77	41	190769	81.420	ug/l	88
47) n-amyl Acetate	10.90	43	356707	87.130	ug/l	93
48) t-1,3-Dichloropropene	9.04	75	197710	62.728	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	223908	63.664	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	130076	54.577	ug/l	97
51) Ethyl methacrylate	9.18	69	242773	69.771	ug/l	91
52) 1,3-Dichloropropane	9.37	76	230339	60.261	ug/l	99
53) Dibromochloromethane	9.58	129	128173	47.707	ug/l	99
54) 1,2-Dibromoethane	9.67	107	133500	51.053	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	619119	353.661	ug/l	95
56) Bromoform	10.85	173	94660	44.628	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1231604	390.442	ug/l	95
59) 2-Hexanone	9.49	43	1002137	401.620	ug/l	97
61) Tetrachloroethene	9.34	164	100281	39.764	ug/l	98
62) Toluene	8.79	91	559992	56.312	ug/l	99
64) Chlorobenzene	10.13	112	329323	51.368	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	116164	47.442	ug/l	97
66) Ethyl Benzene	10.25	91	625293	58.141	ug/l	95
67) m/p-Xylenes	10.36	106	453922	106.195	ug/l	90
68) o-Xylene	10.69	106	222700	54.236	ug/l	93
69) Styrene	10.71	104	388868	56.095	ug/l	96
70) Isopropylbenzene	11.02	105	587900	54.418	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	225388	61.181	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	190797m	64.295	ug/l	
73) Bromobenzene	11.26	156	140373	46.962	ug/l	78
74) n-propylbenzene	11.36	91	700187	58.145	ug/l	94
75) 2-Chlorotoluene	11.42	91	414901	57.693	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	497828	53.941	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	74381	70.753	ug/l	91
78) 4-Chlorotoluene	11.51	91	476227	56.266	ug/l	91
79) tert-butylbenzene	12.06	119	510432	52.578	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	500688	54.595	ug/l	96
81) sec-Butylbenzene	11.94	105	569457	54.095	ug/l	96
82) p-Isopropyltoluene	12.06	119	510432	52.578	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	247267	47.661	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	249488	48.290	ug/l	96
85) n-Butylbenzene	12.38	91	489168	58.578	ug/l	97
86) Hexachloroethane	12.59	117	85962	51.377	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	254210	49.685	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	50912	60.371	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.65	180	178439	49.277	ug/l	99
90) Hexachlorobutadiene	13.78	225	84625	46.423	ug/l	97
91) Naphthalene	13.83	128	608458	55.946	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	177308	48.434	ug/l	99

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ClientSampleId :
VSTDICC050

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

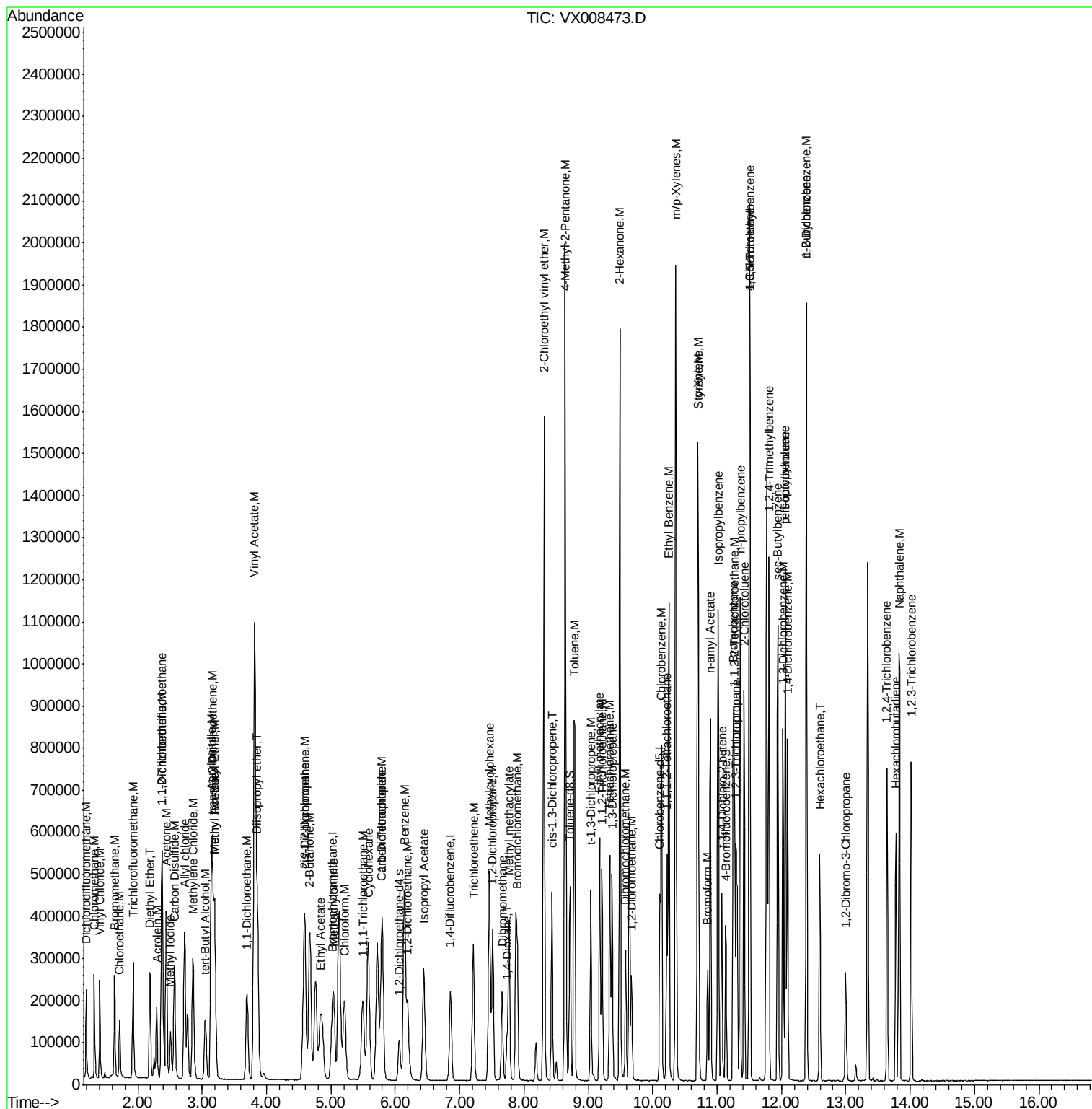
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008473.D
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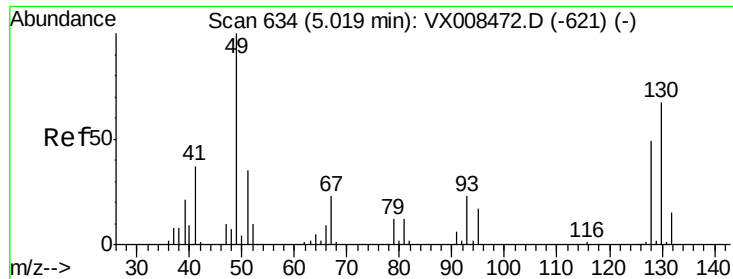
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC050

Manual Integrations
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MMDadoda
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

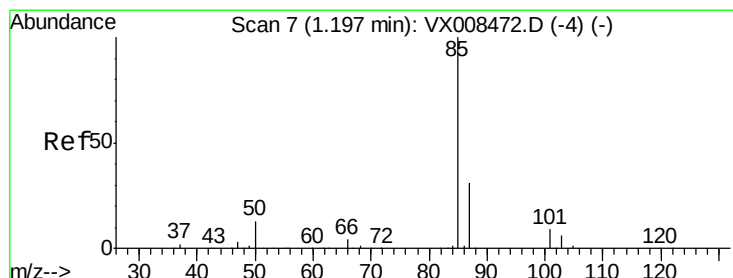
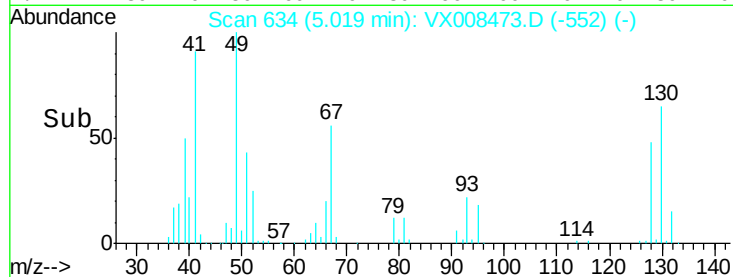
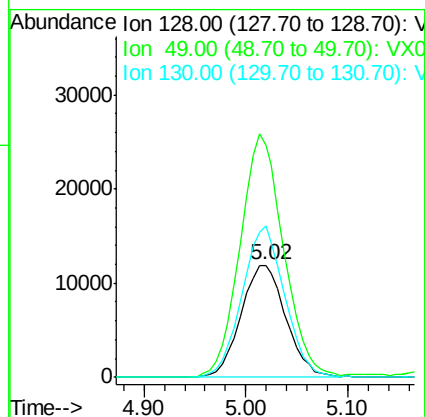
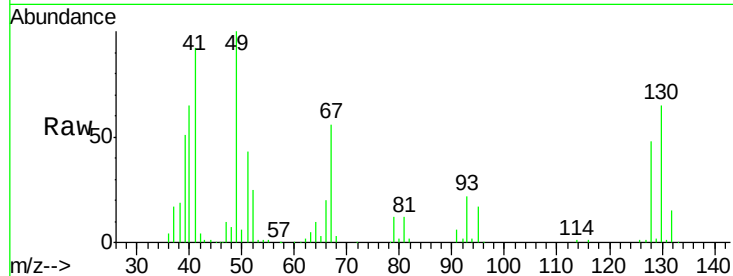
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
49	208.2	0.0	350.8
130	128.5	0.0	325.8

Manual Integrations
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3/28/2019 9:37:02 AM



#2

Dichlorodifluoromethane

Concen: 62.996 ug/l

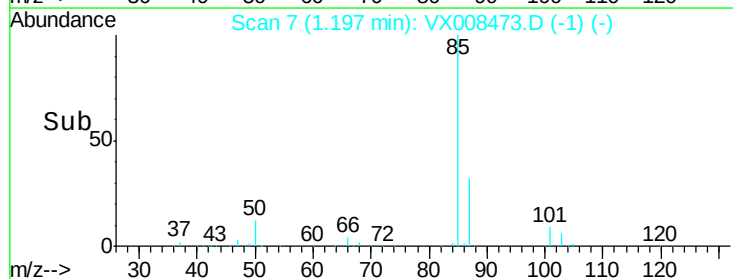
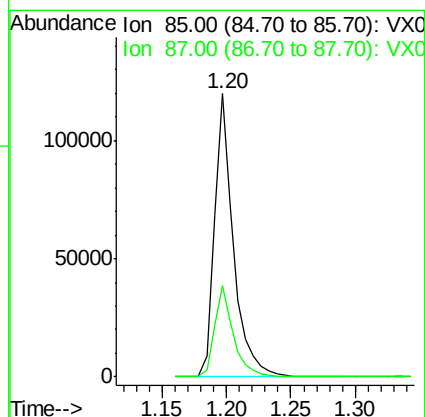
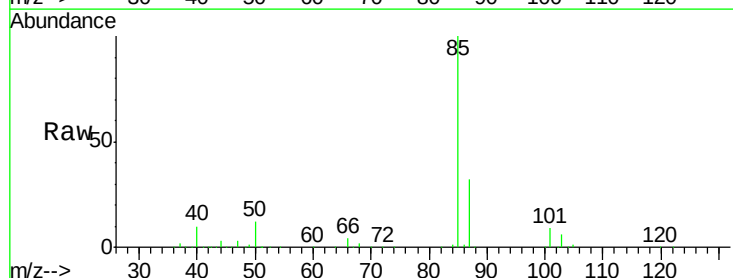
RT: 1.20 min Scan# 7

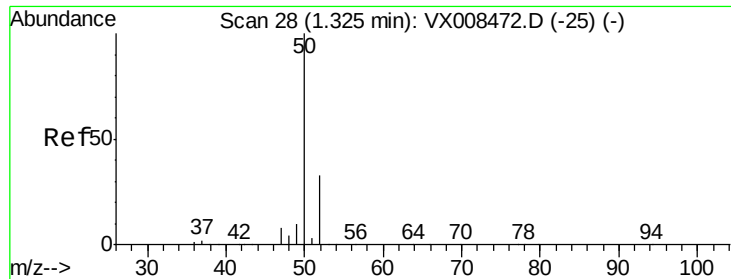
Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.6	49.8





#3

Chloromethane

Concen: 79.864 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 159438

Ion Ratio Lower Upper

50 100

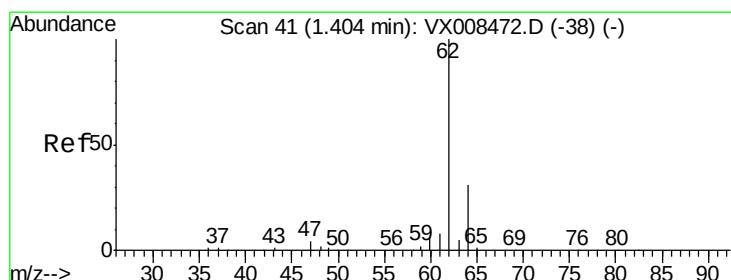
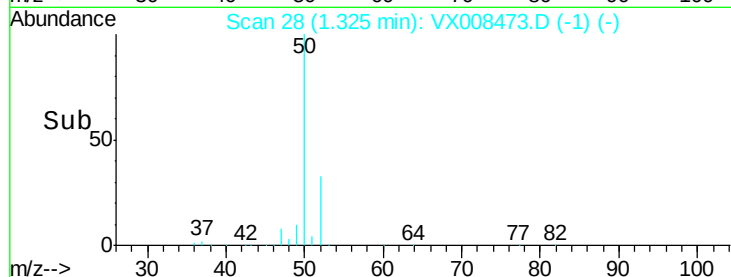
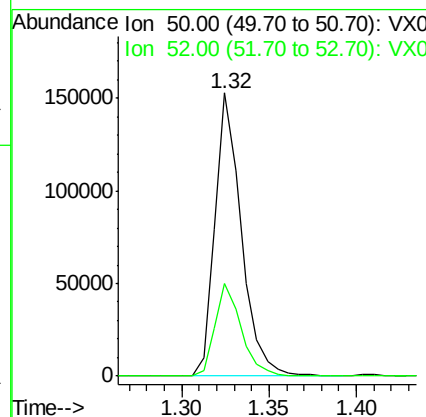
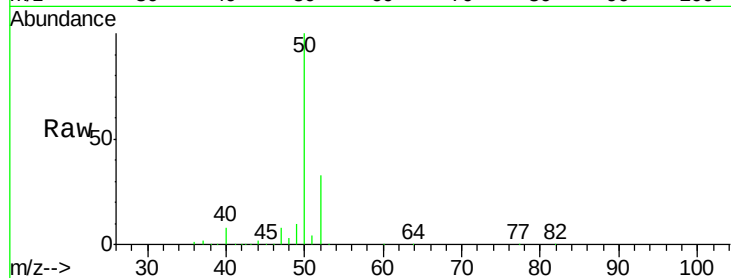
52 32.6 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 70.947 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008473.D

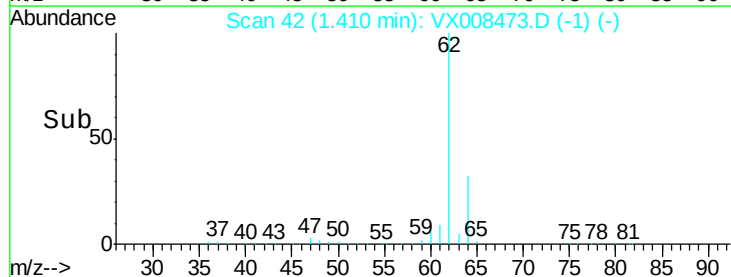
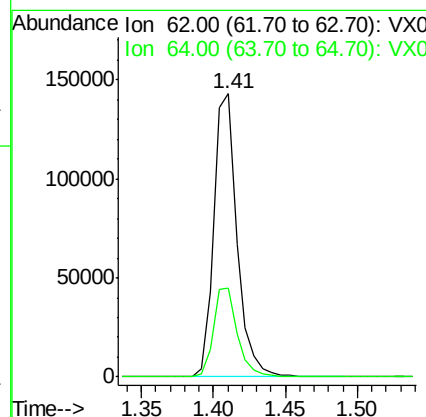
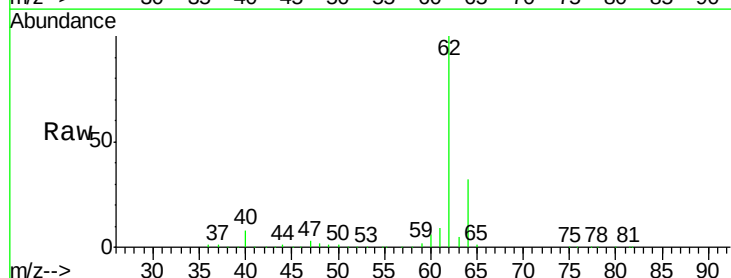
Acq: 27 Mar 2019 10:53

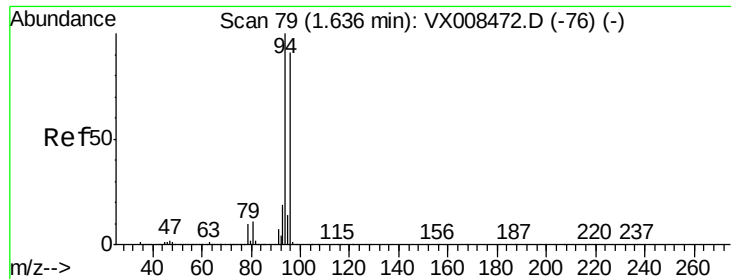
Tgt Ion: 62 Resp: 159634

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 20.384 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 83144

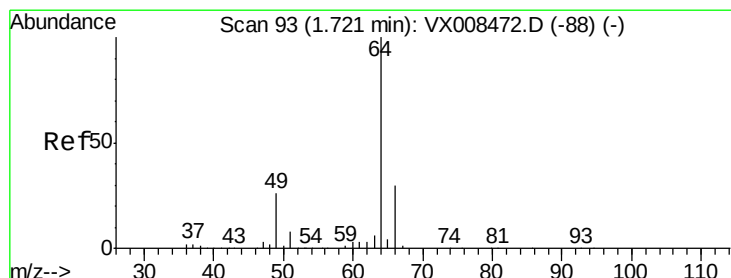
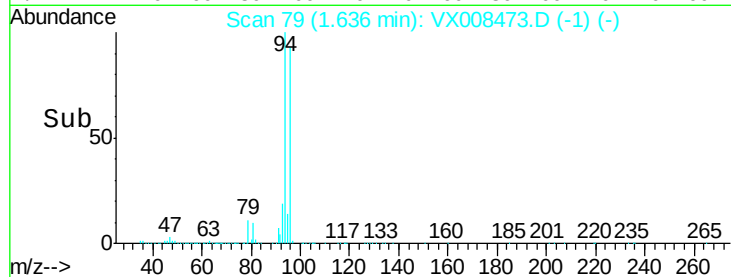
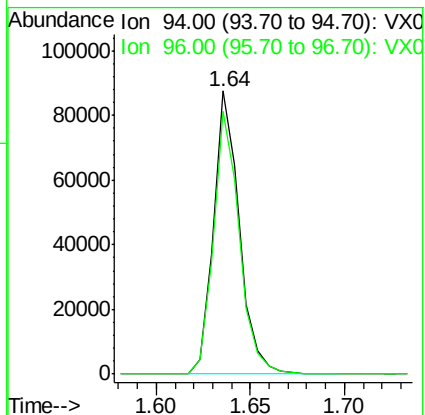
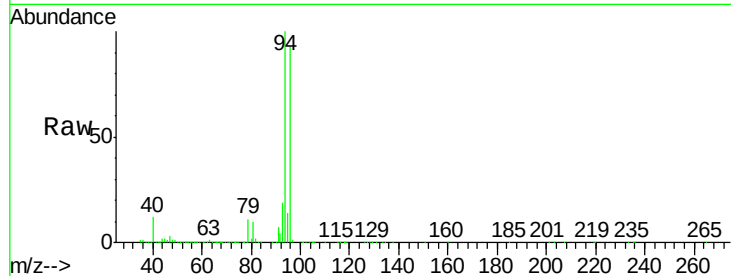
Ion Ratio Lower Upper

94 100

96 92.8 75.6 113.4

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#6

Chloroethane

Concen: 61.087 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008473.D

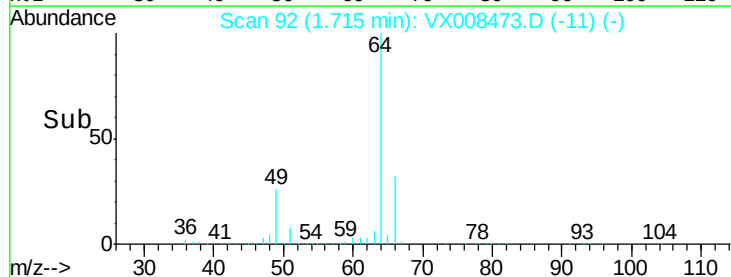
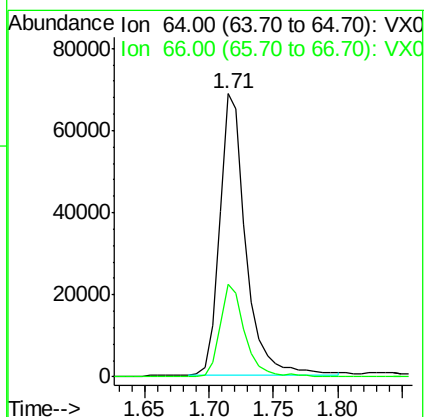
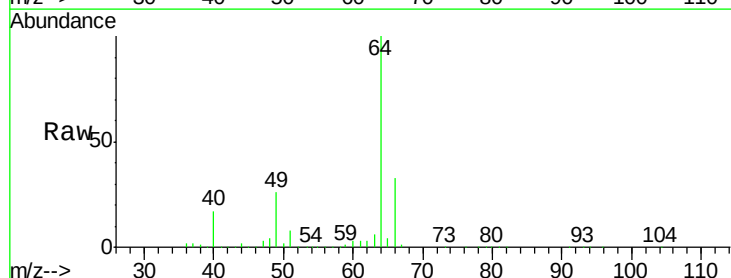
Acq: 27 Mar 2019 10:53

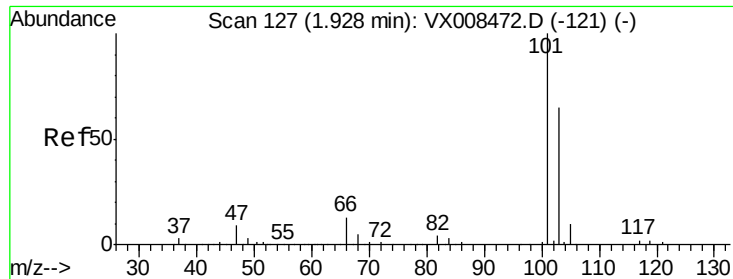
Tgt Ion: 64 Resp: 97685

Ion Ratio Lower Upper

64 100

66 32.7 23.9 35.9





#7

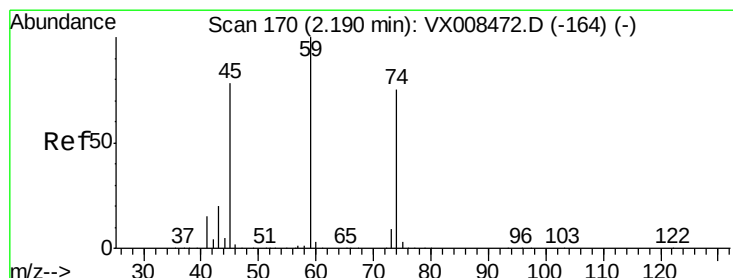
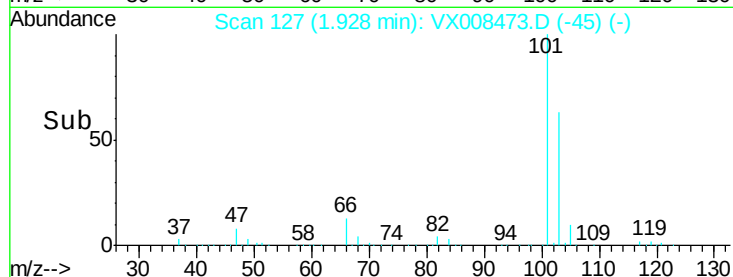
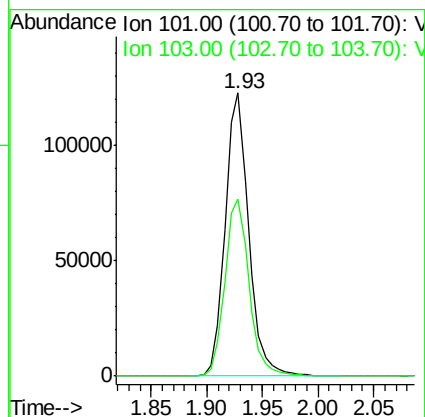
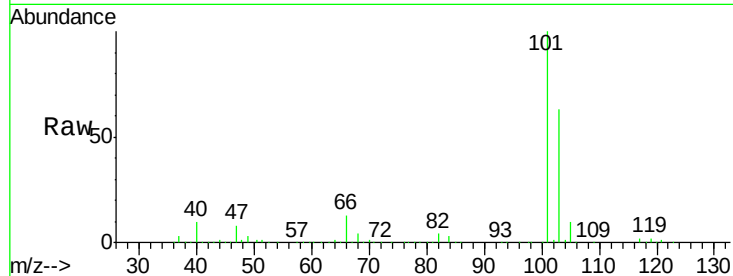
Trichlorofluoromethane
Concen: 50.116 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:101 Resp: 179507
Ion Ratio Lower Upper
101 100
103 62.8 50.4 75.6

Manual Integrations
APPROVED

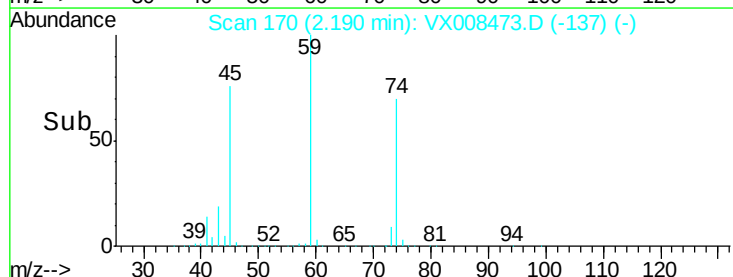
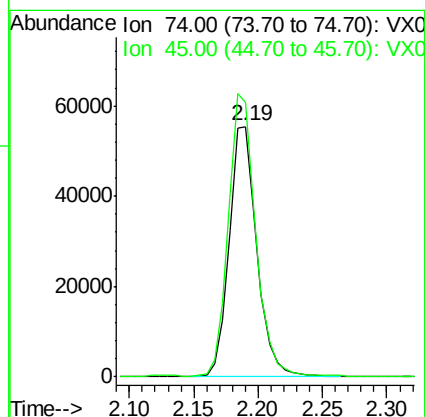
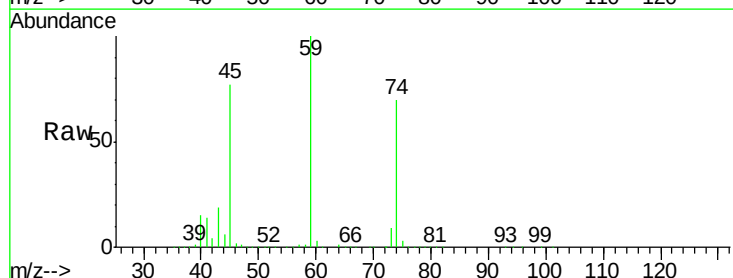
MMDadoda
3/28/2019 9:37:02 AM

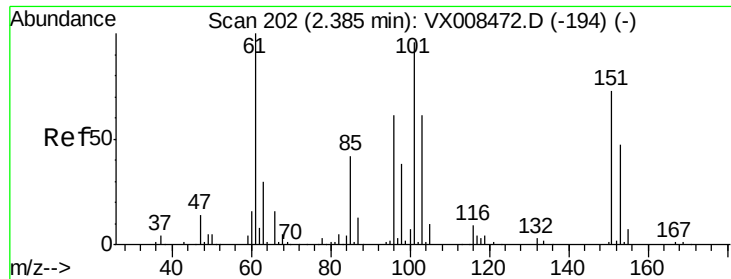


#8

Diethyl Ether
Concen: 60.410 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 74 Resp: 83918
Ion Ratio Lower Upper
74 100
45 111.0 18.6 167.8





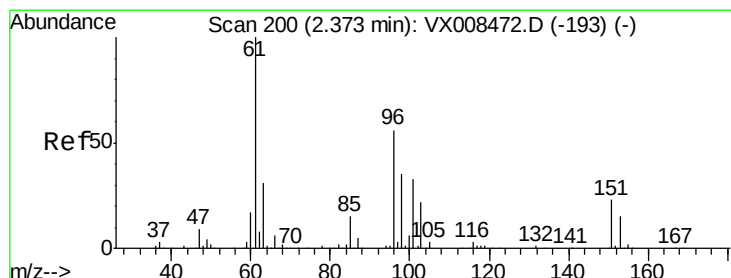
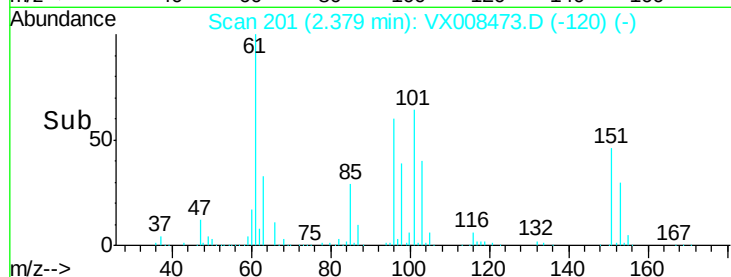
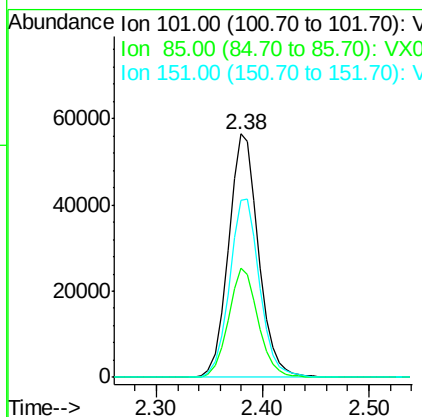
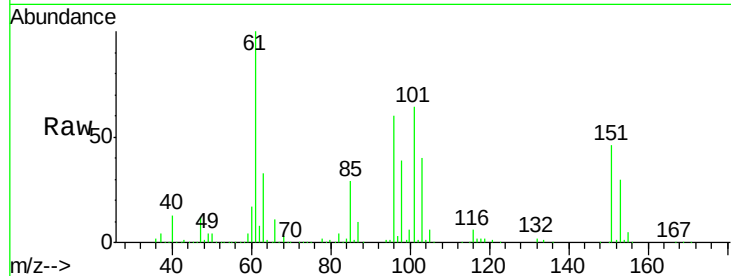
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.160 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	111249		
85	44.3	0.0	86.8	
151	73.9	0.0	169.2	

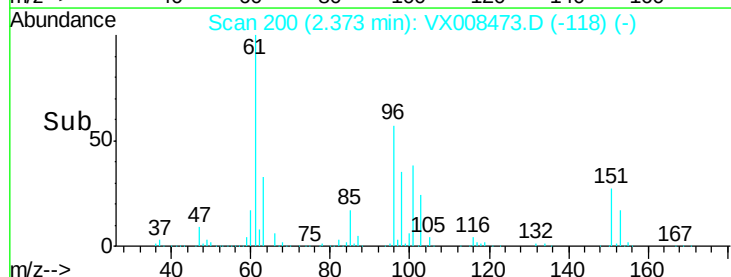
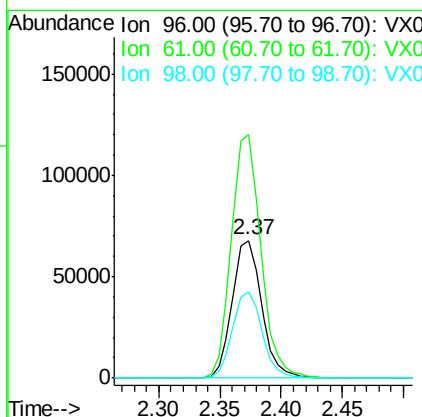
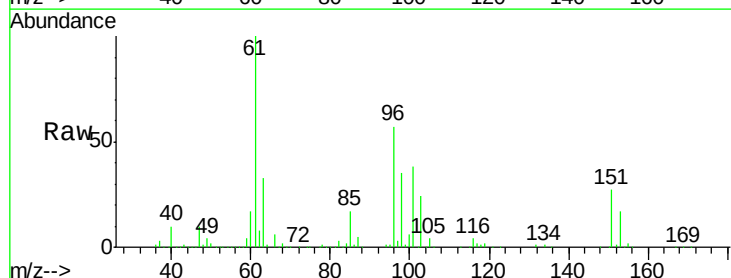
Manual Integrations
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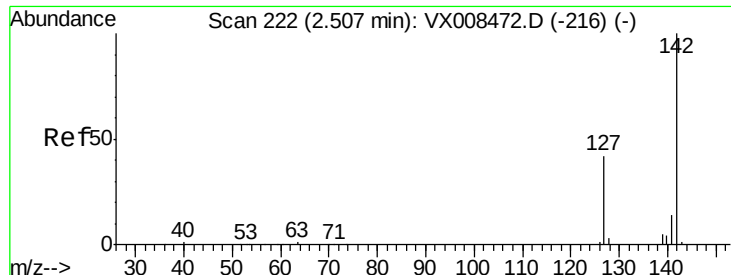
MMDadoda
 3/28/2019 9:37:02 AM



#10
 1,1-Dichloroethene
 Concen: 58.108 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	113619		
61	176.6	120.2	180.2	
98	62.5	49.0	73.4	





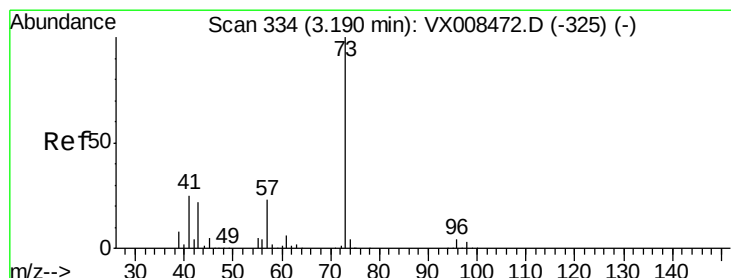
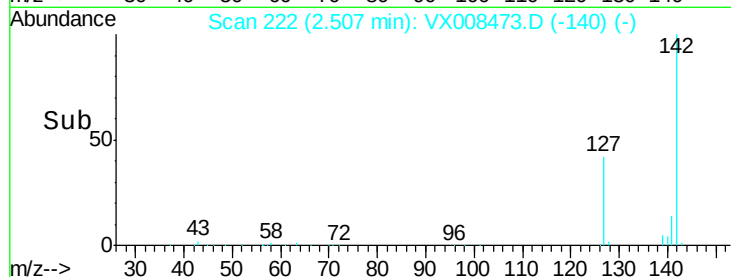
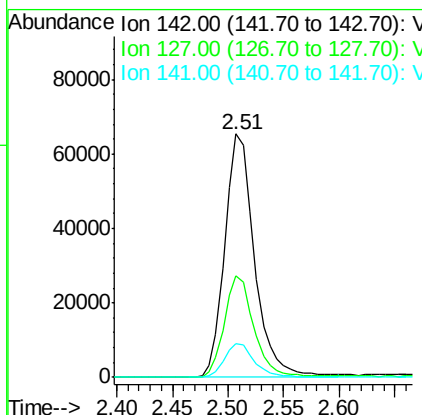
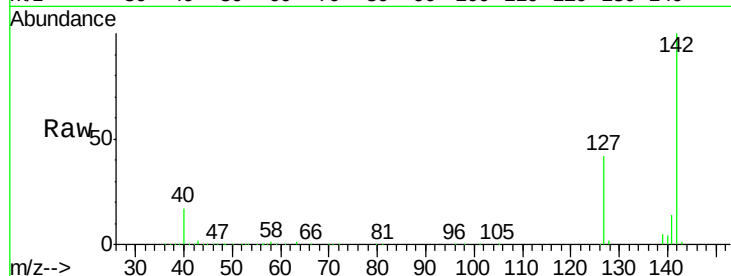
#11
Methyl Iodide
Concen: 41.276 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.8	22.1	66.5
141	13.8	7.4	22.3

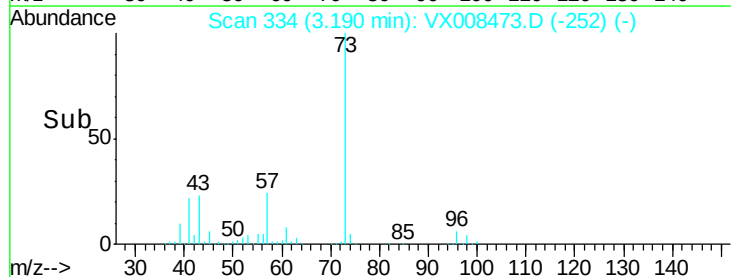
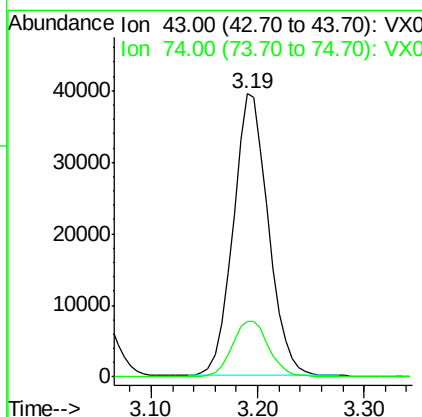
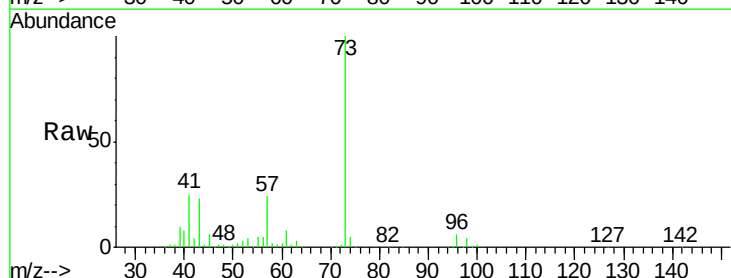
Manual Integrations
APPROVED

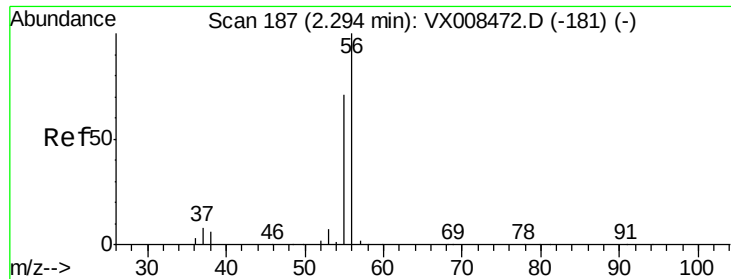
MMDadoda
3/28/2019 9:37:02 AM



#12
Methyl Acetate
Concen: 42.664 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.6	19.4	29.0





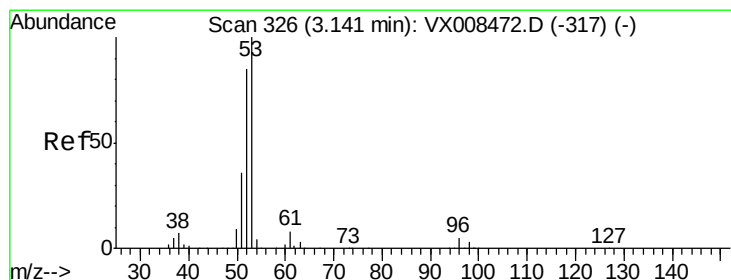
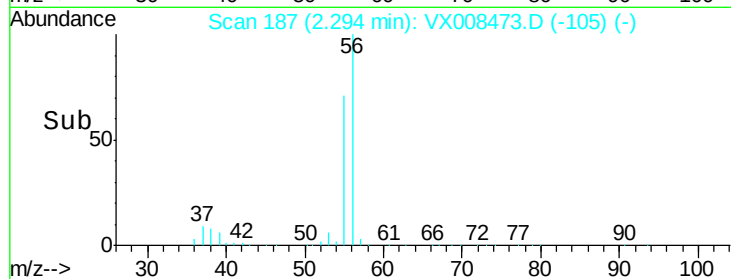
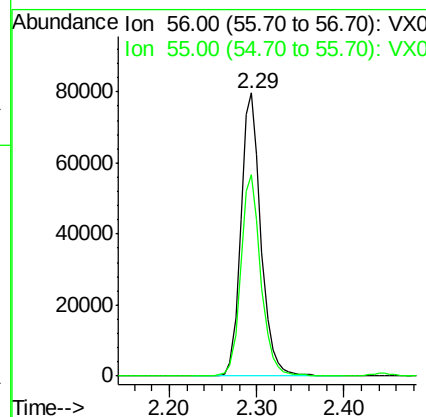
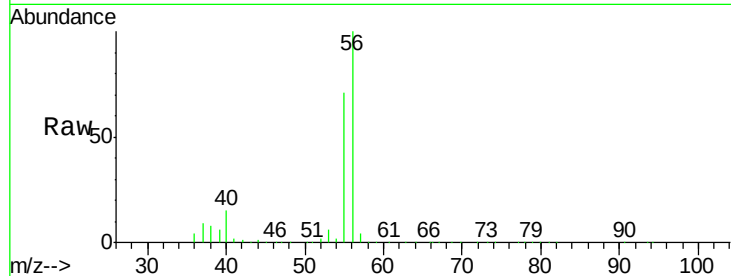
#13
Acrolein
Concen: 380.867 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	58.6	87.8

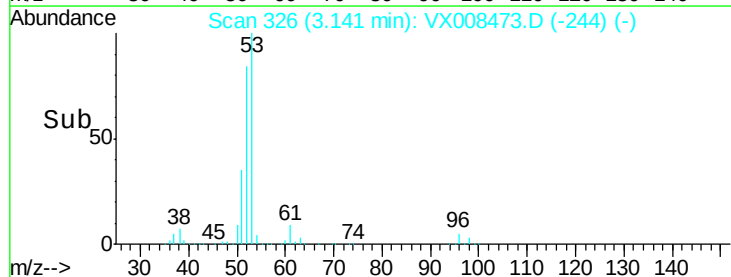
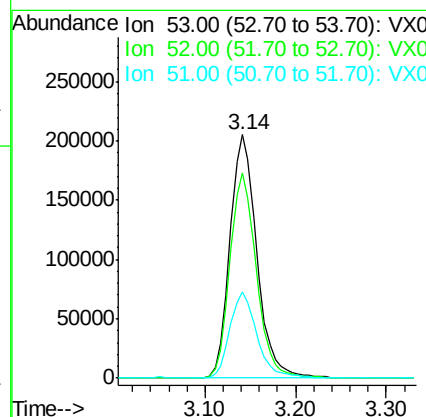
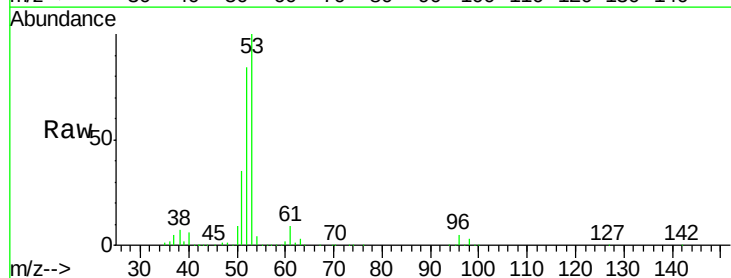
Manual Integrations
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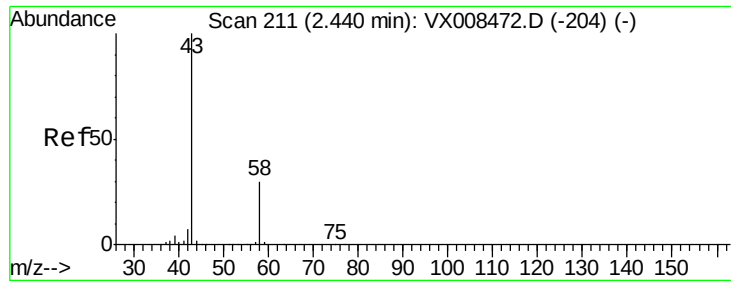
MMDadoda
3/28/2019 9:37:02 AM



#14
Acrylonitrile
Concen: 399.190 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	41.3	124.1
51	35.6	17.5	52.6





#15

Acetone

Concen: 323.193 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 134195

Ion Ratio Lower Upper

58 100

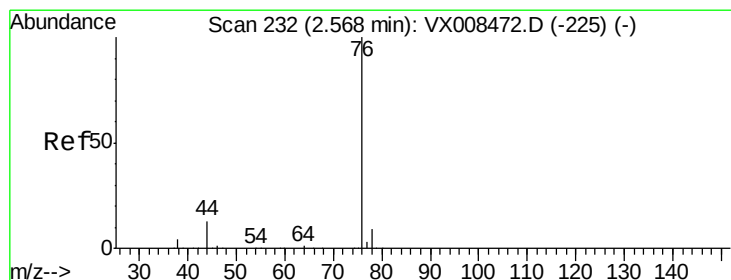
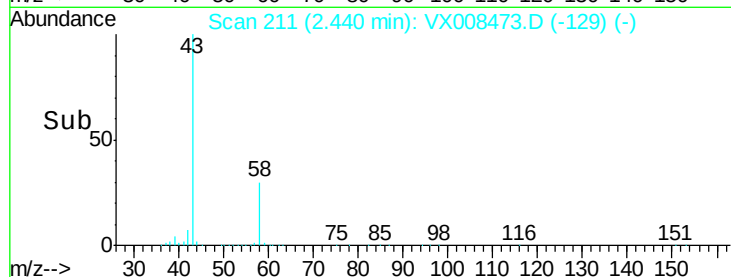
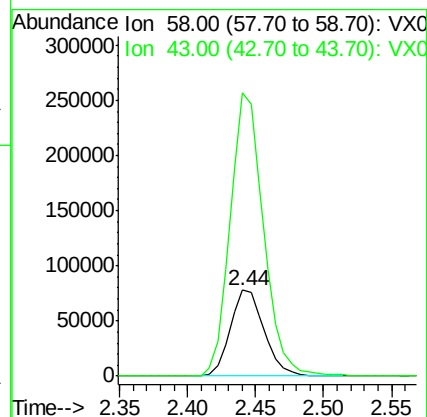
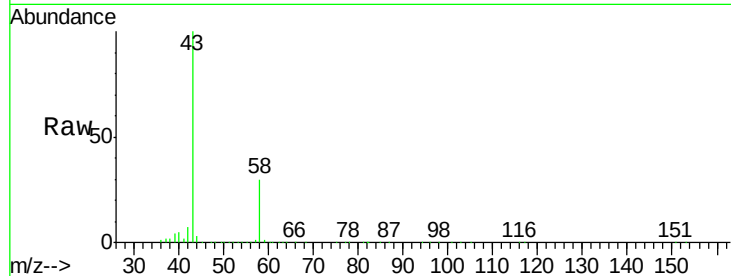
43 329.5 249.8 374.6

Manual Integrations

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3/28/2019 9:37:02 AM



#16

Carbon Disulfide

Concen: 64.299 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008473.D

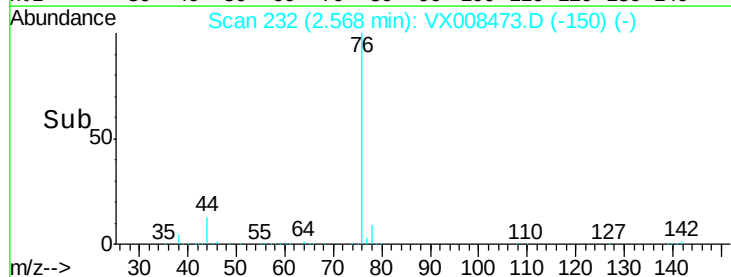
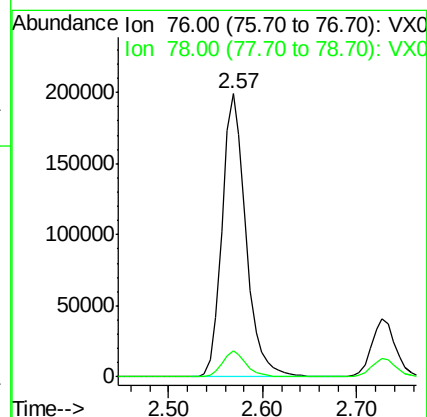
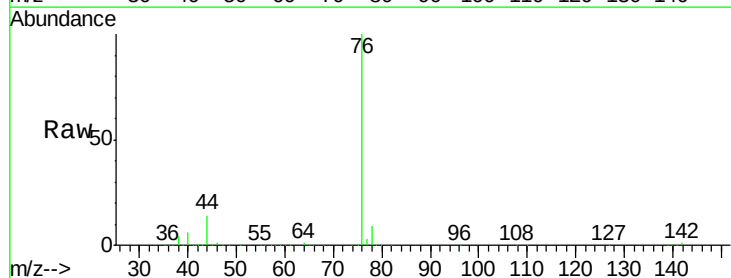
Acq: 27 Mar 2019 10:53

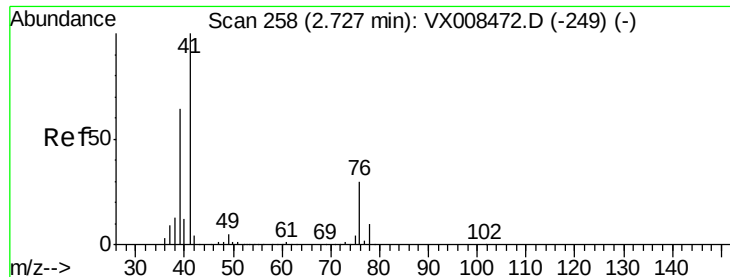
Tgt Ion: 76 Resp: 348604

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





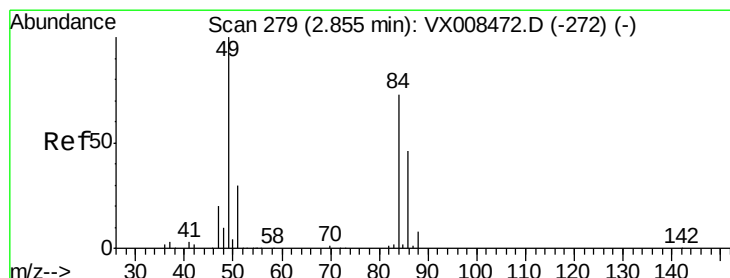
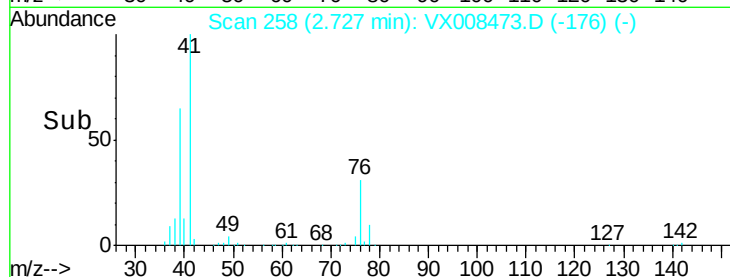
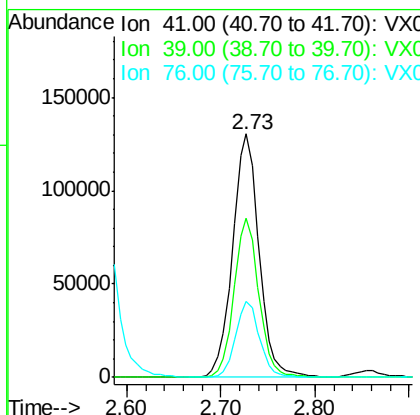
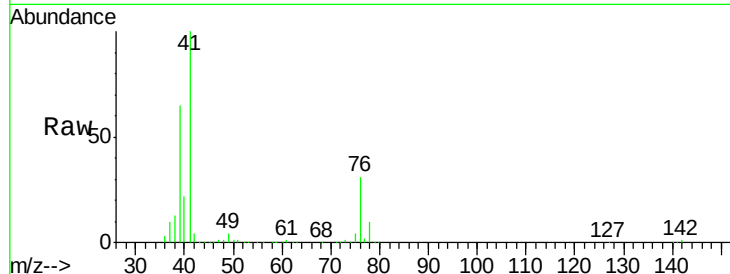
#17
Allvl chloride
Concen: 88.093 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.3	35.8	107.4
76	31.2	18.3	54.9

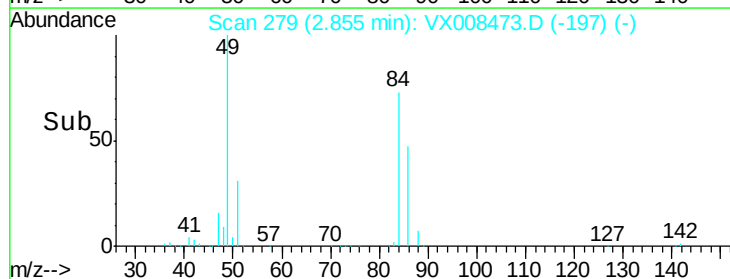
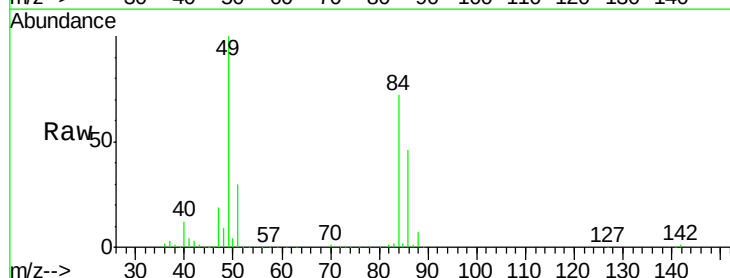
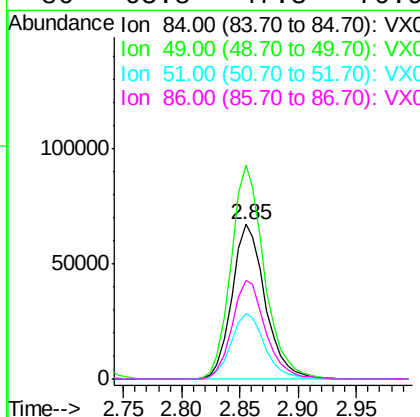
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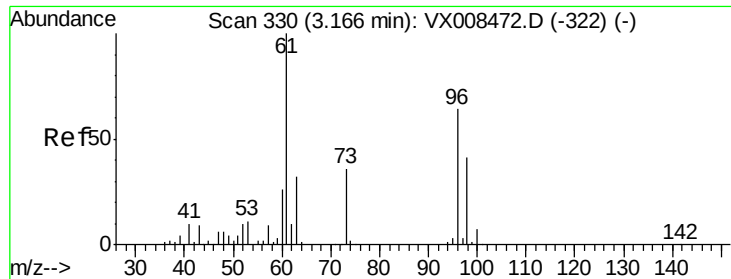
MMDadoda
3/28/2019 9:37:02 AM



#18
Methylene Chloride
Concen: 63.476 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.1	96.1	144.1
51	42.0	29.1	43.7
86	63.8	47.3	70.9





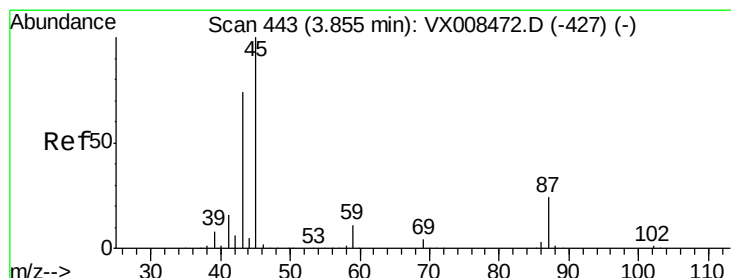
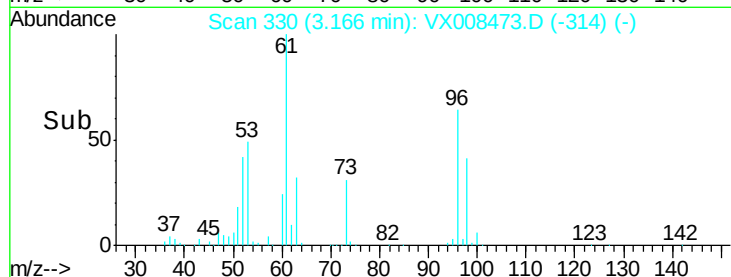
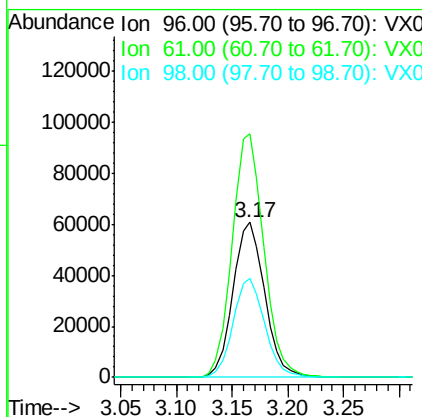
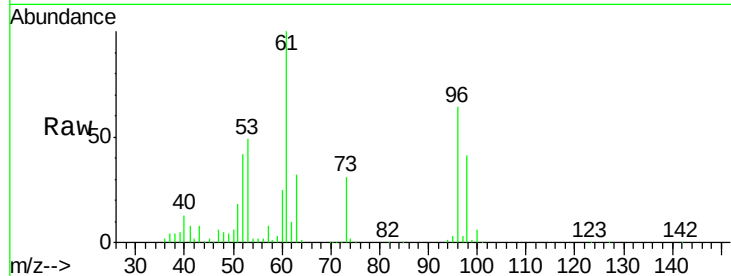
#19
trans-1,2-Dichloroethene
Concen: 57.832 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.2	109.9	164.9
98	63.7	50.4	75.6

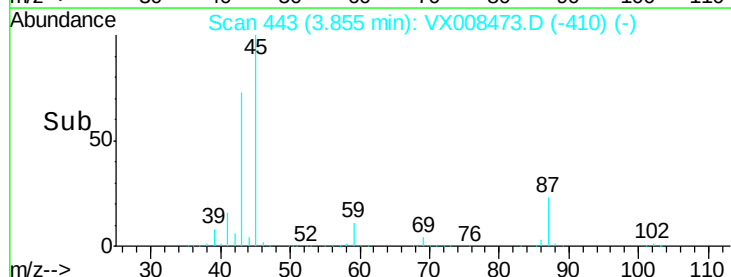
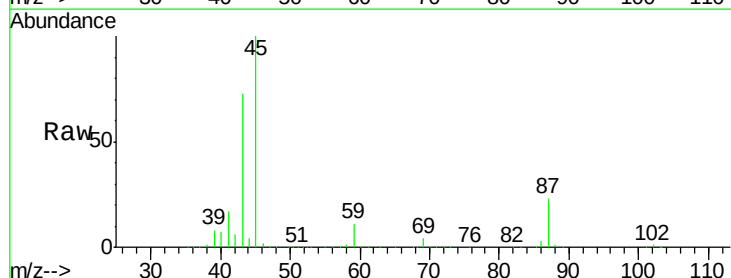
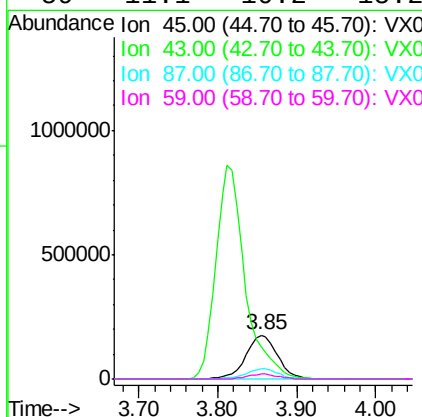
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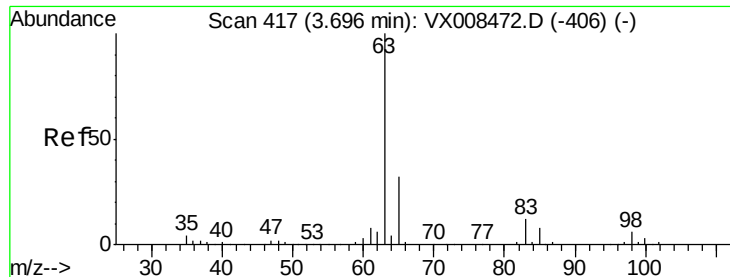
MMDadoda
3/28/2019 9:37:02 AM



#20
Diisopropyl ether
Concen: 81.456 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.1	50.6	76.0
87	22.9	24.5	36.7#
59	11.1	10.2	15.2





#21

1,1-Dichloroethane

Concen: 69.448 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

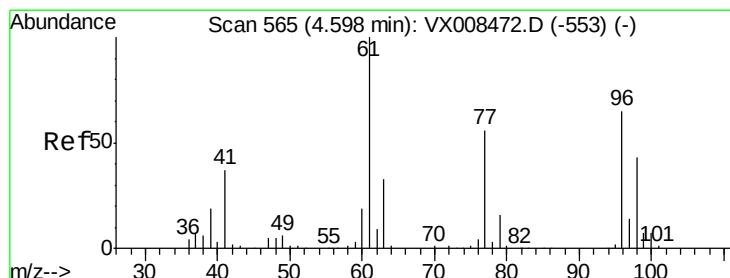
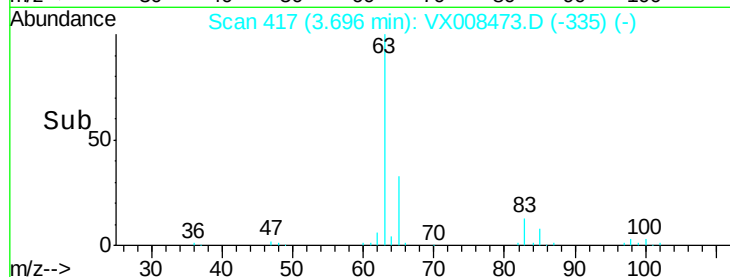
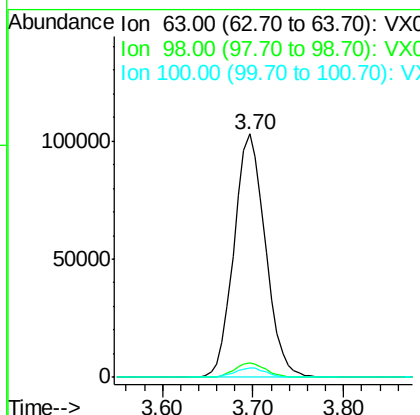
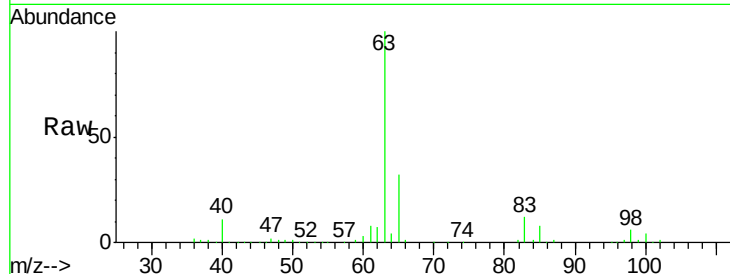
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	247446
Ion Ratio	Lower	Upper	
63	100		
98	6.1	3.8	11.4
100	3.8	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 58.193 ug/l

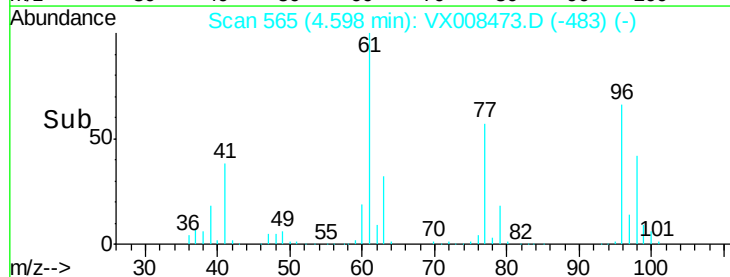
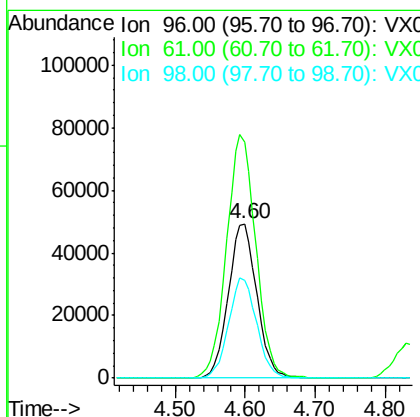
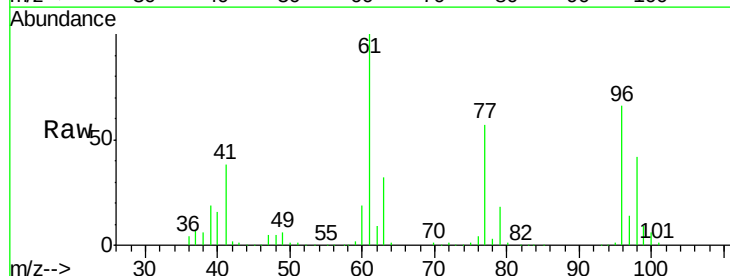
RT: 4.60 min Scan# 565

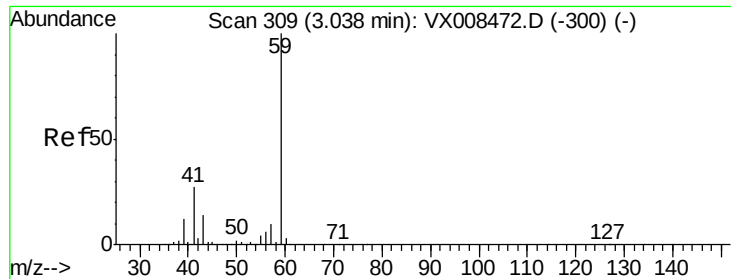
Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Tgt Ion:	96	Resp:	139312
Ion Ratio	Lower	Upper	
96	100		
61	161.6	103.5	155.3#
98	64.0	52.1	78.1





#23

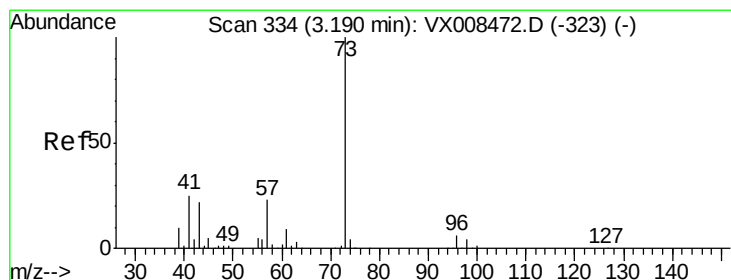
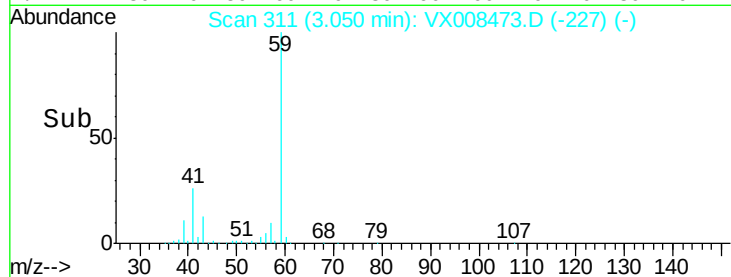
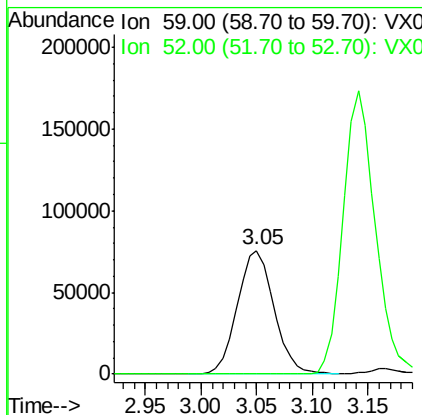
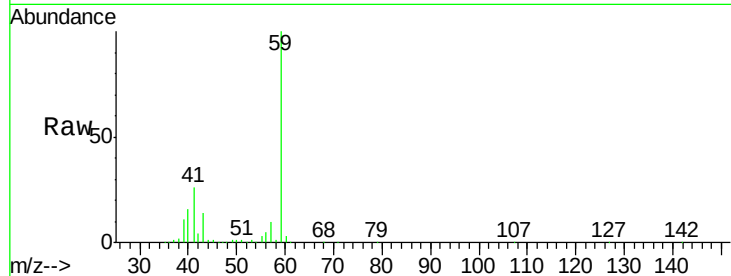
tert-Butyl Alcohol
Concen: 401.635 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

Manual Integrations
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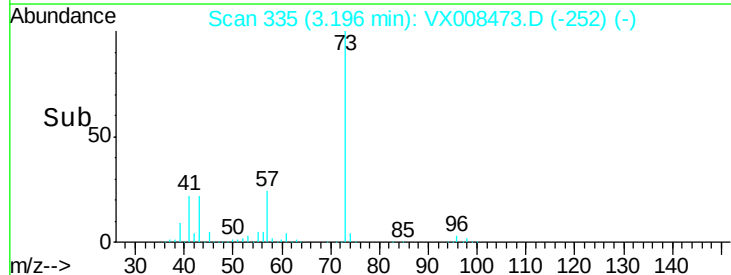
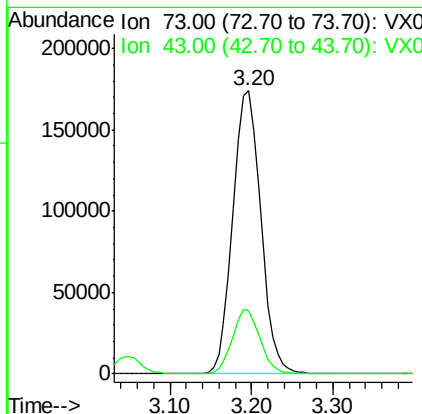
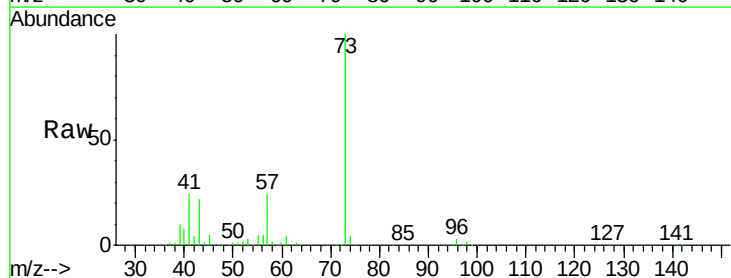
MMDadoda
3/28/2019 9:37:02 AM

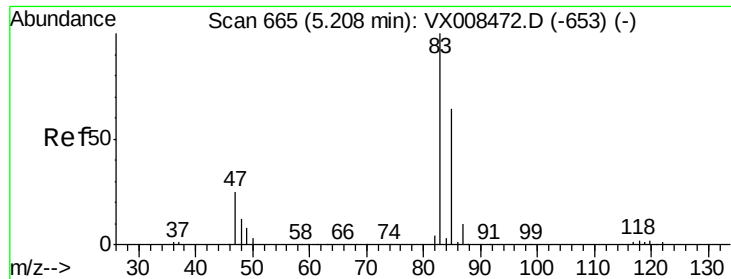


#24

Methyl tert-Butyl Ether
Concen: 65.849 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.1	25.7





#25

Chloroform

Concen: 58.727 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 221966

Ion Ratio Lower Upper

83 100

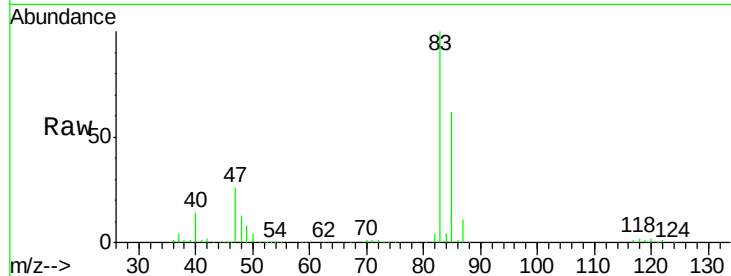
85 62.0 53.8 80.6

Manual Integrations

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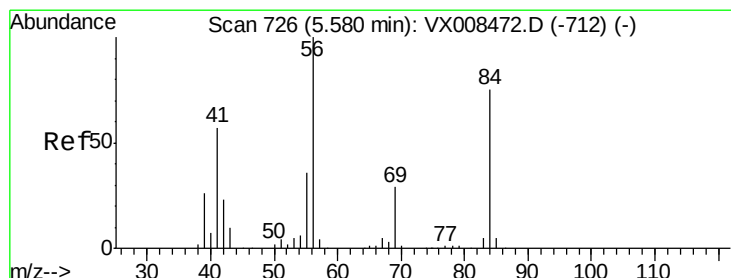
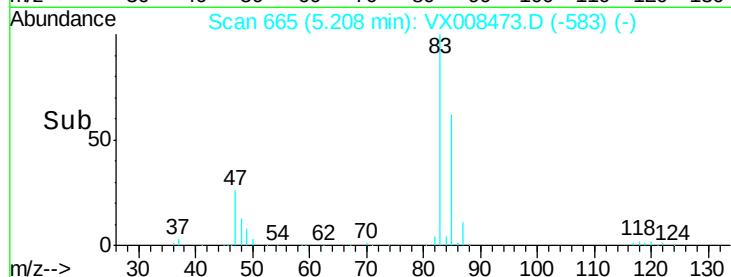
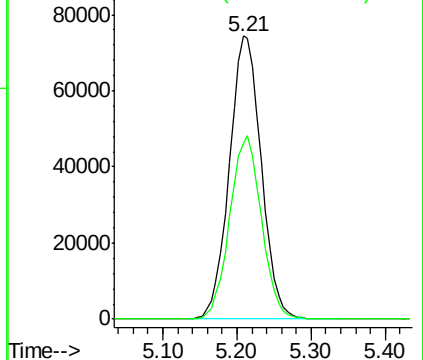
MMDadoda

3/28/2019 9:37:02 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 76.276 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

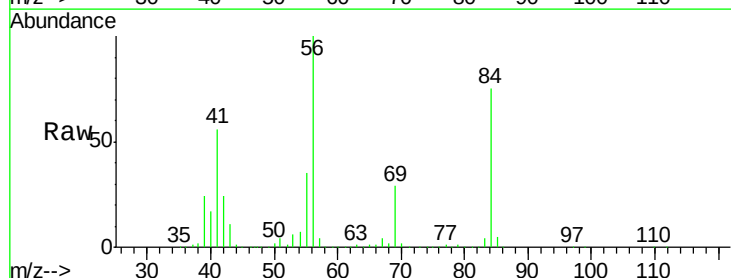
Tgt Ion: 56 Resp: 240351

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

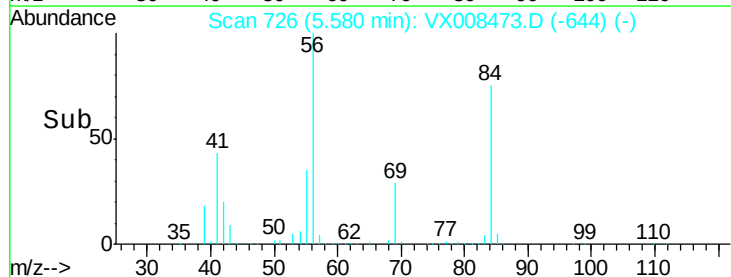
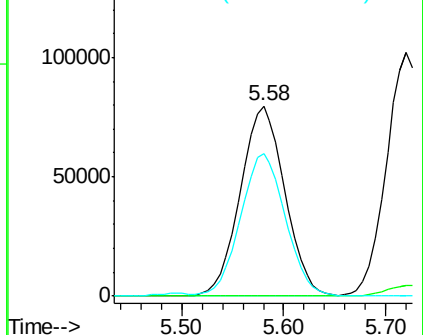
84 76.2 73.9 110.9

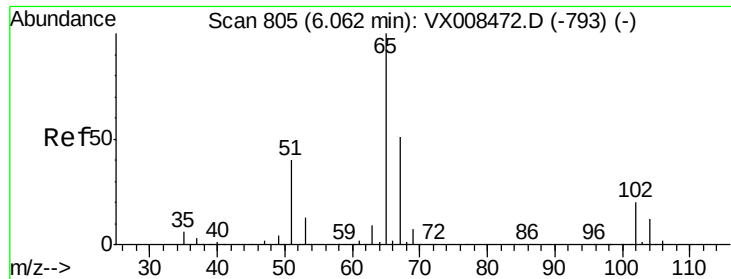


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





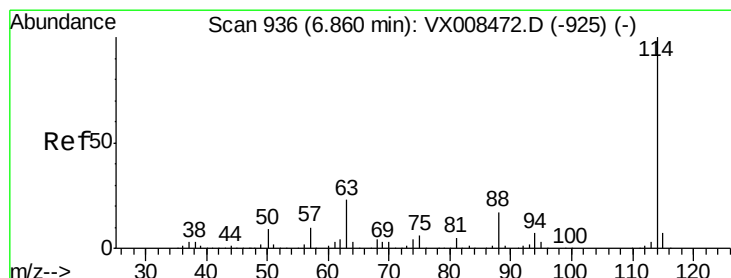
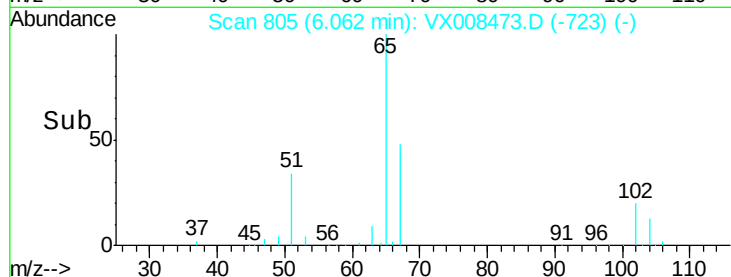
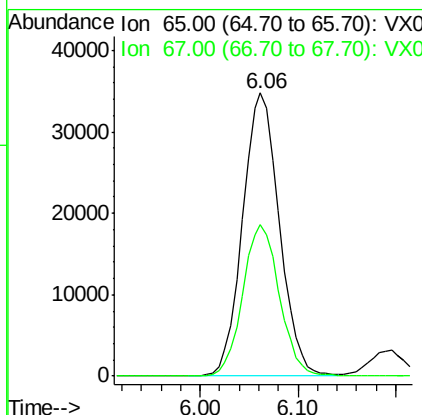
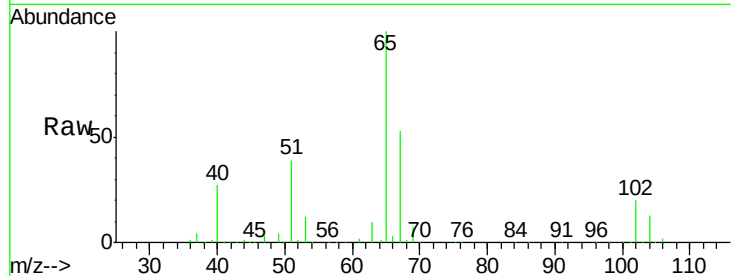
#27
 1,2-Dichloroethane-d4
 Concen: 36.486 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	42.9	64.3

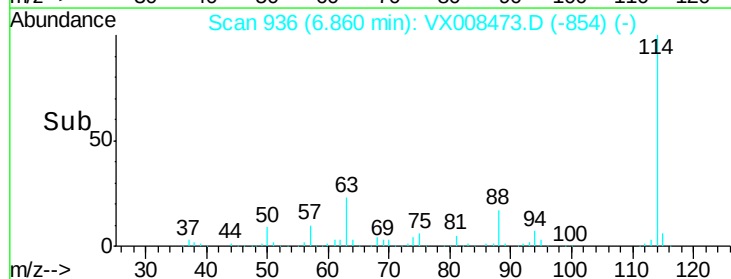
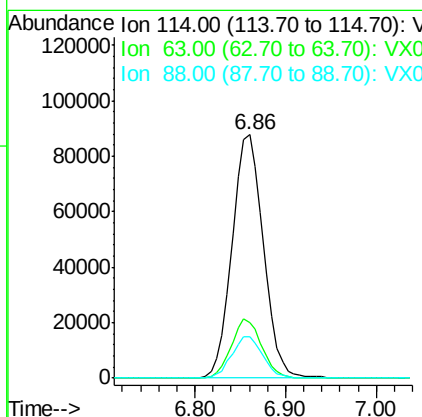
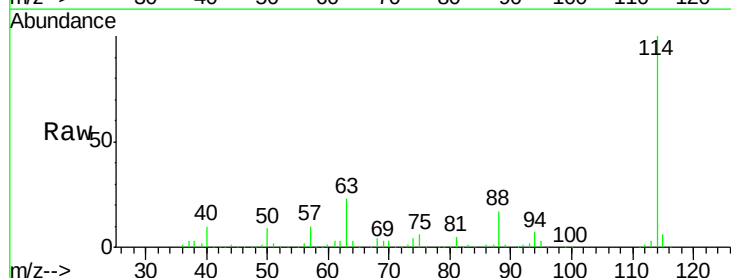
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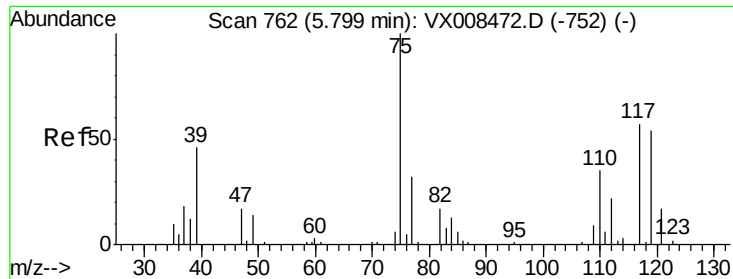
MMDadoda
 3/28/2019 9:37:02 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	14.2	21.4#
88	16.9	11.9	17.9





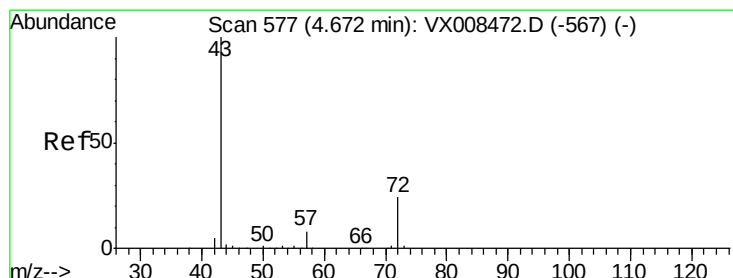
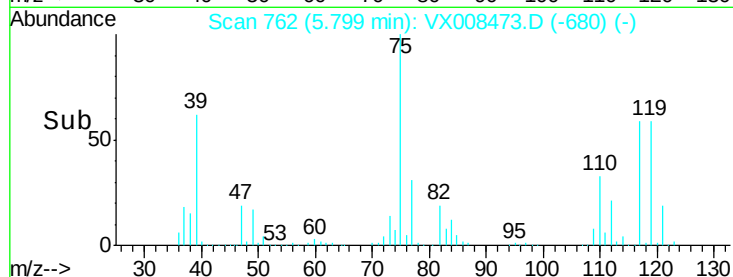
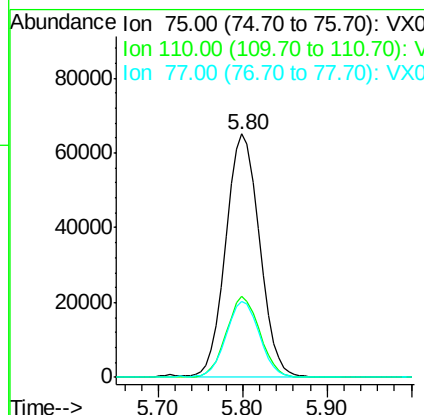
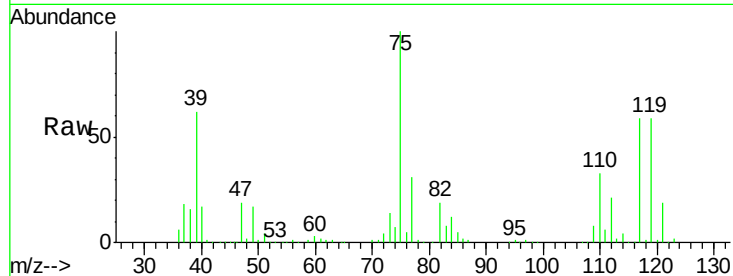
#29
 1,1-Dichloropropene
 Concen: 59.153 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	33.1	0.0	80.8
77	31.2	0.0	62.4

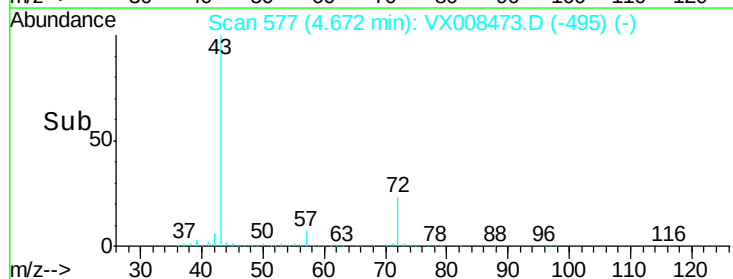
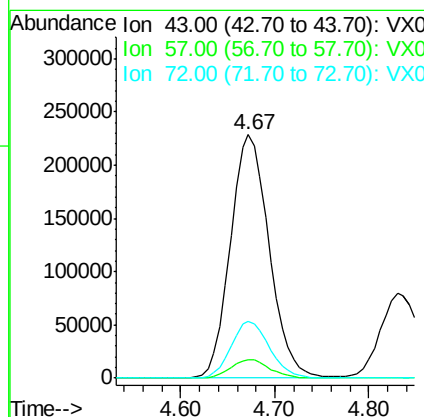
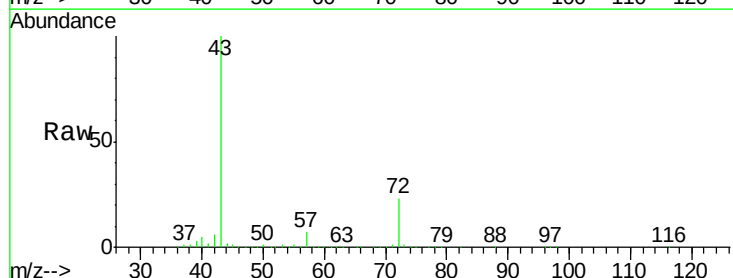
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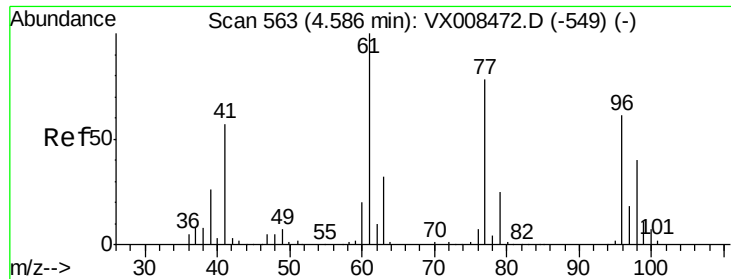
MMDadoda
 3/28/2019 9:37:02 AM



#30
 2-Butanone
 Concen: 380.008 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.6	7.0	10.6
72	23.1	21.5	32.3





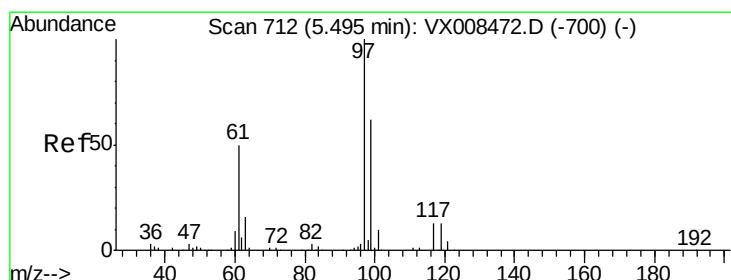
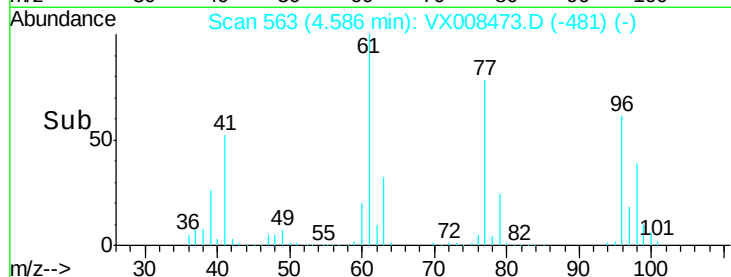
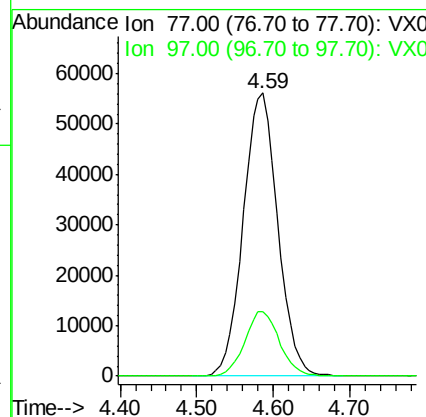
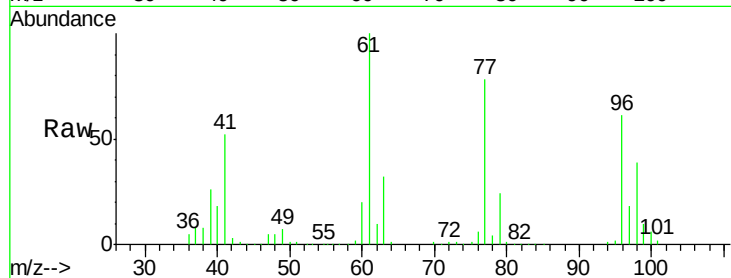
#31
 2,2-Dichloropropane
 Concen: 62.735 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 77 Resp: 176272
 Ion Ratio Lower Upper
 77 100
 97 22.9 20.6 31.0

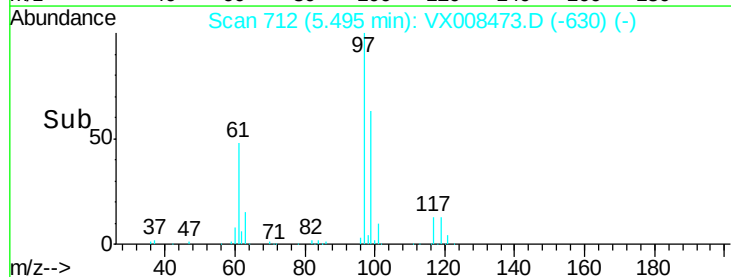
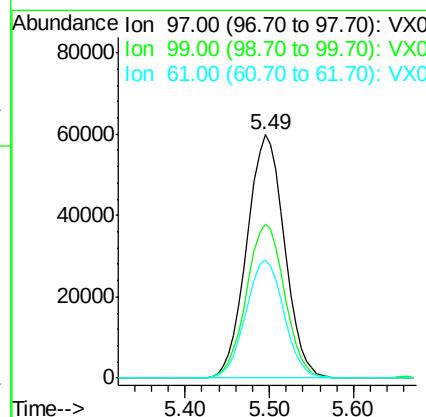
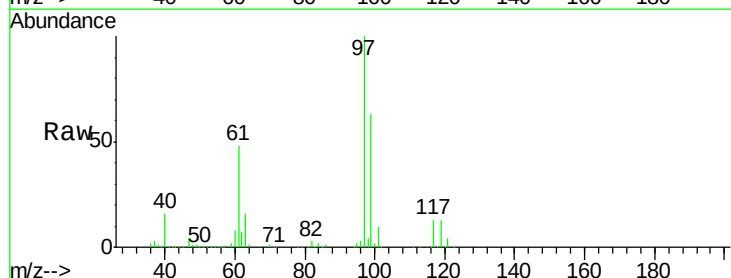
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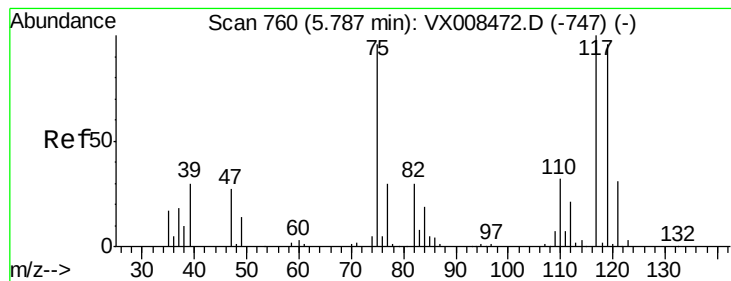
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#32
 1,1,1-Trichloroethane
 Concen: 51.858 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 97 Resp: 182097
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.7 77.5
 61 49.1 32.8 49.2





#33

Carbon Tetrachloride

Concen: 47.309 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

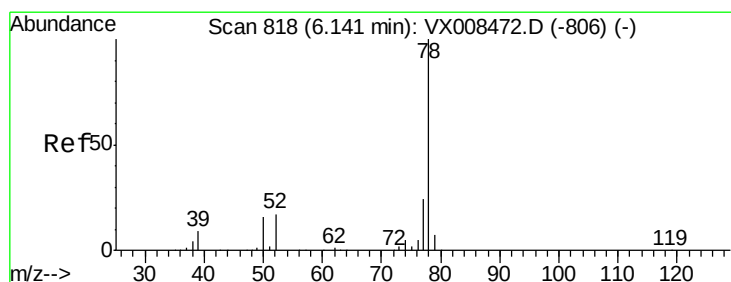
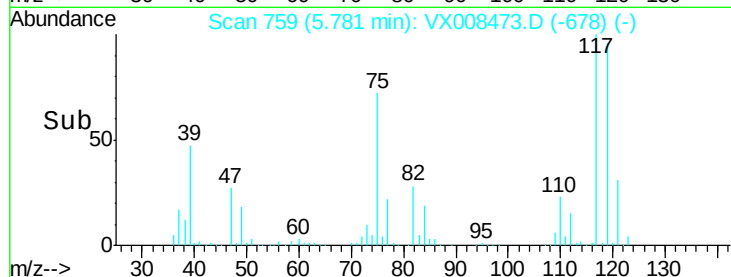
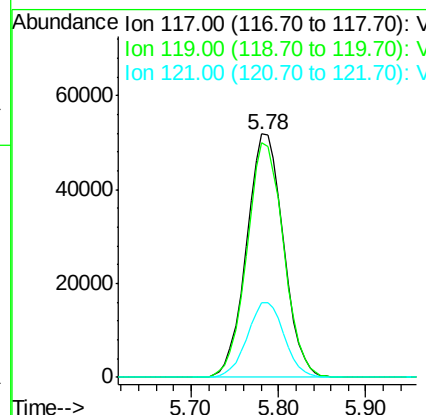
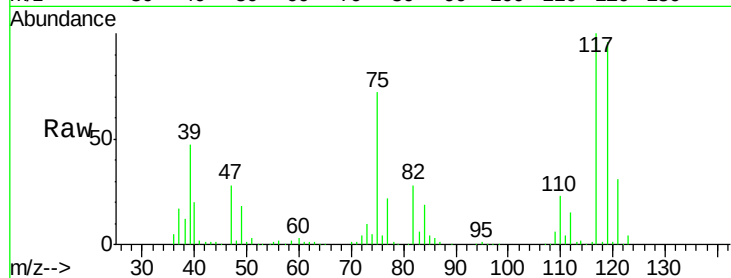
ClientSampleId :

VSTDIC050

Tot Ion:	117	Resp:	152568
Ion Ratio	Lower	Upper	
117	100		
119	96.3	78.1	117.1
121	30.7	27.0	40.6

Manual Integrations
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#34

Benzene

Concen: 59.990 ug/l

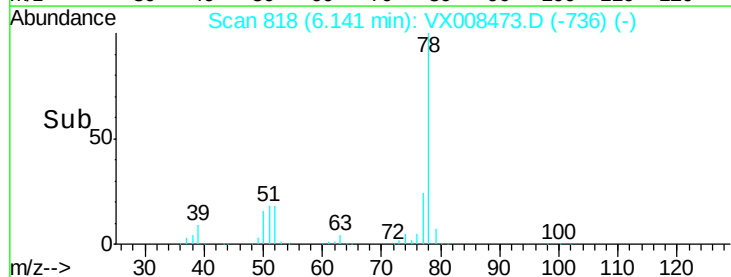
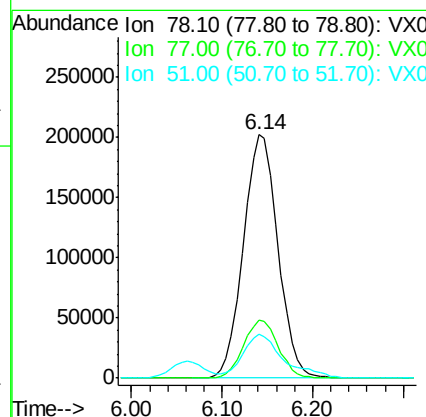
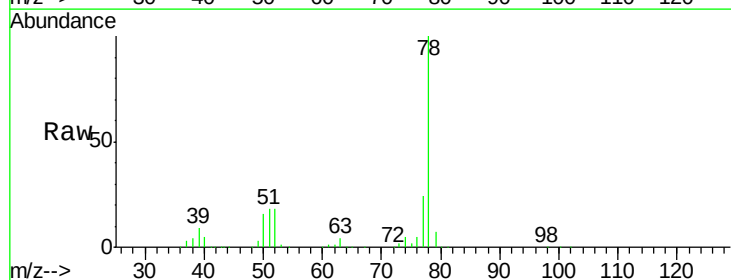
RT: 6.14 min Scan# 818

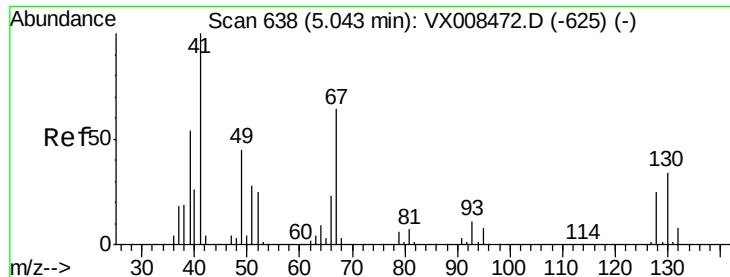
Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Tgt Ion:	78	Resp:	533295
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.1	28.7
51	17.5	10.8	16.2#





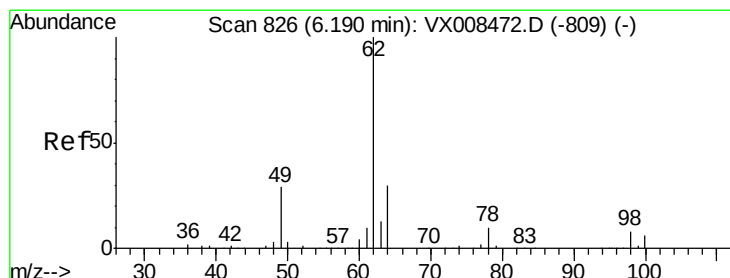
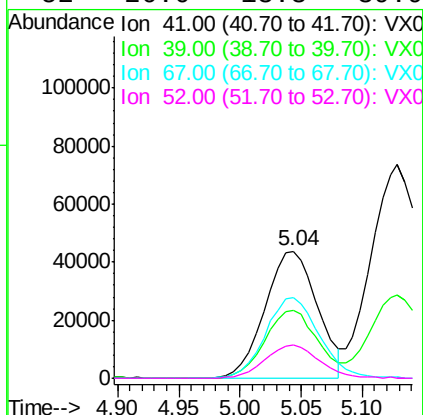
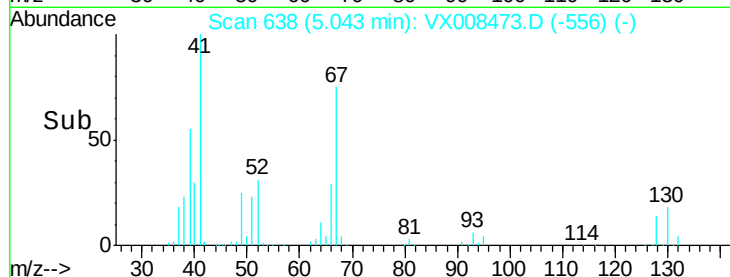
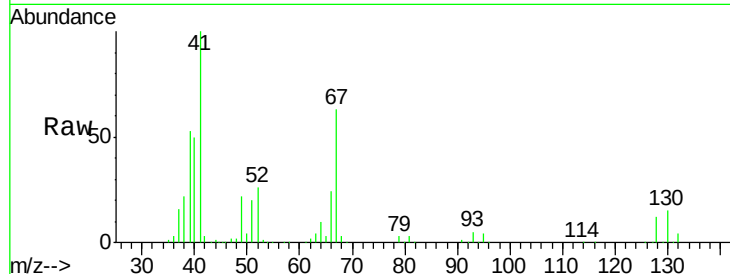
#35
Methacrylonitrile
Concen: 81.000 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.1	27.4	82.0
67	63.5	37.9	113.6
52	26.0	13.3	39.9

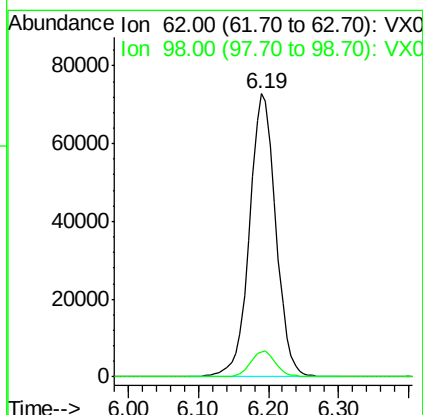
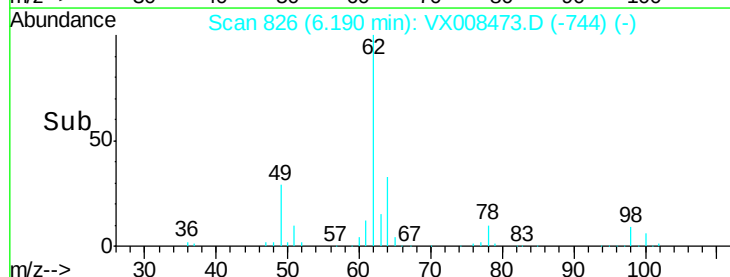
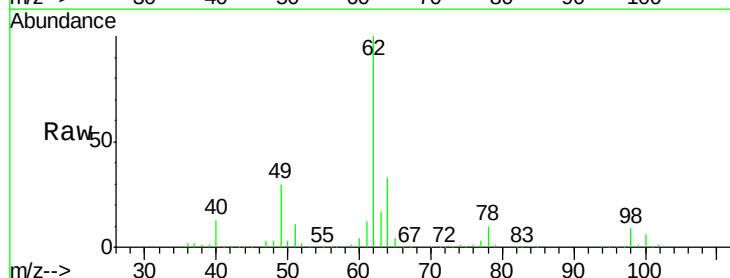
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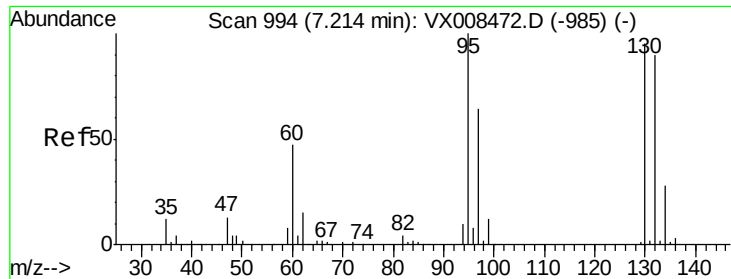
MMDadoda
3/28/2019 9:37:02 AM



#36
1,2-Dichloroethane
Concen: 58.117 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.8	11.8





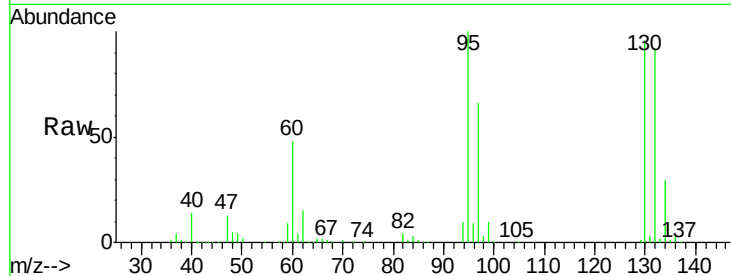
#37
 Trichloroethene
 Concen: 46.936 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

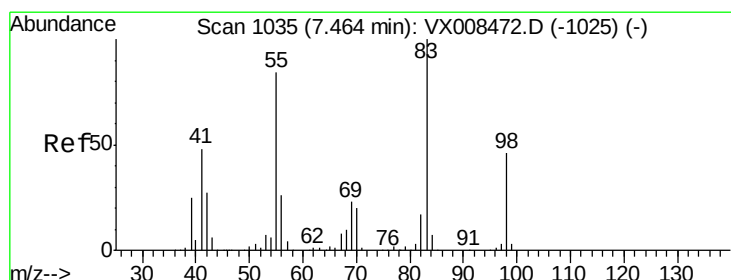
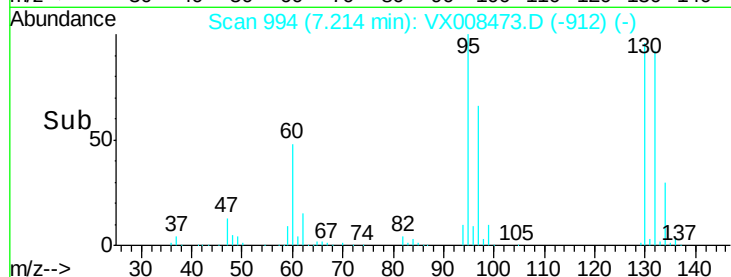
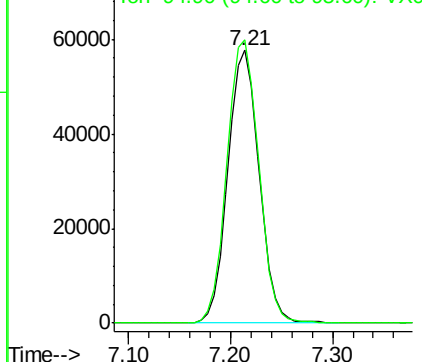
Tot Ion:130 Resp: 122677
 Ion Ratio Lower Upper
 130 100
 95 103.7 71.3 106.9

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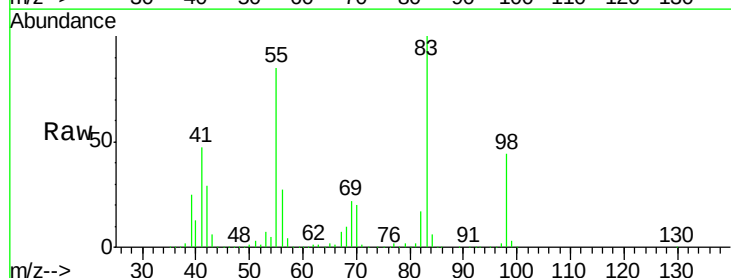


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

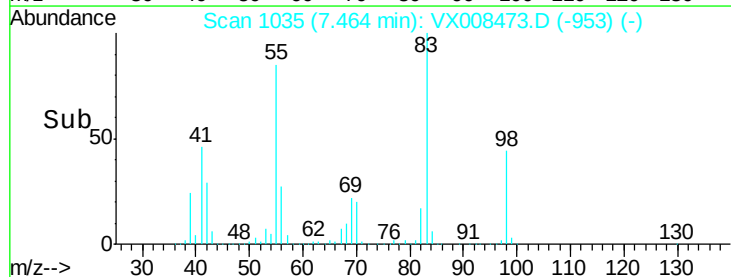
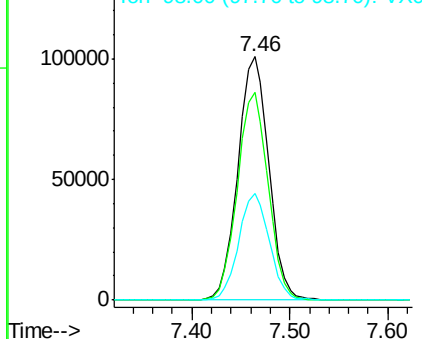


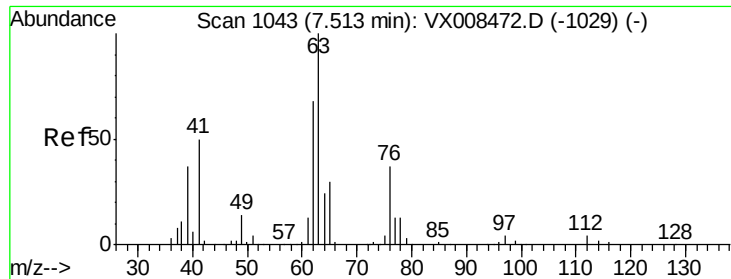
#38
 Methylcyclohexane
 Concen: 59.168 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 83 Resp: 221306
 Ion Ratio Lower Upper
 83 100
 55 84.8 36.0 108.0
 98 43.7 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





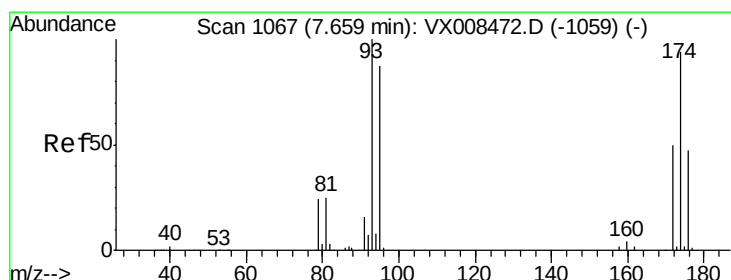
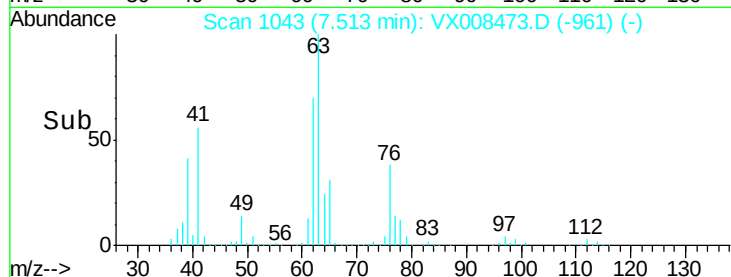
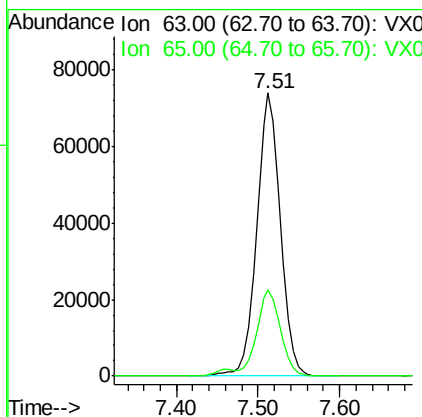
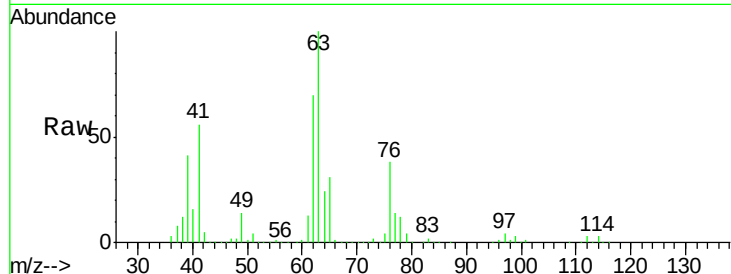
#39
 1,2-Dichloropropane
 Concen: 66.429 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 63 Resp: 150263
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 37.0

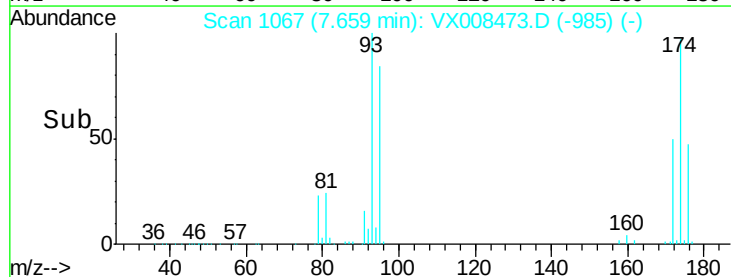
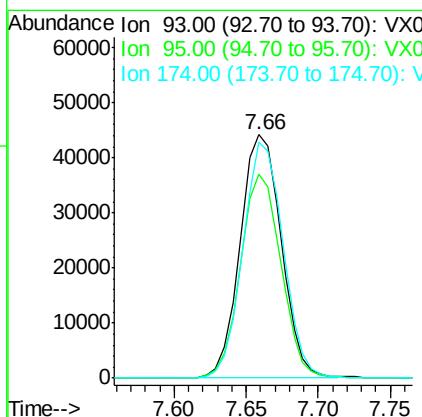
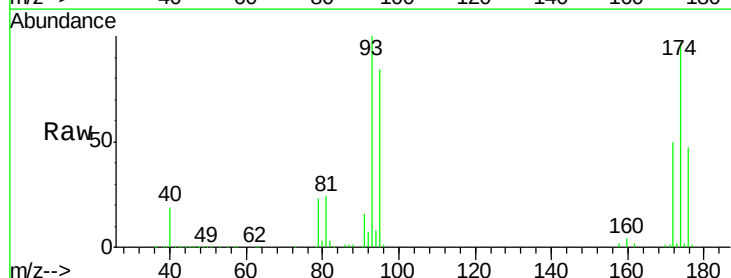
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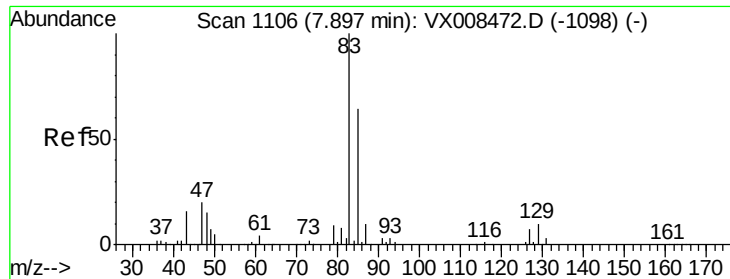
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#40
 Dibromomethane
 Concen: 52.704 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 93 Resp: 87438
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 158.8
 174 94.7 0.0 224.2





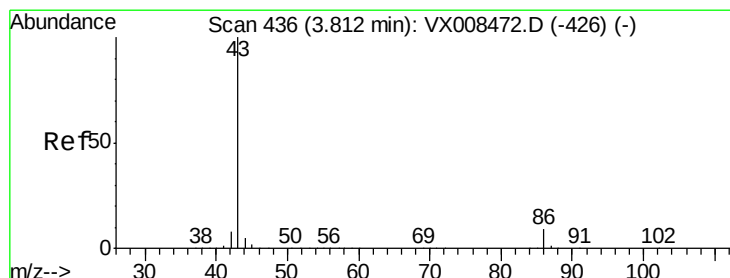
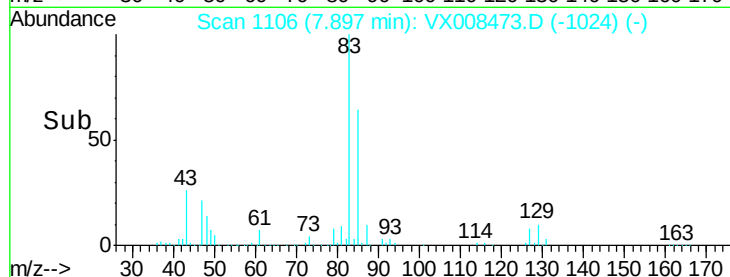
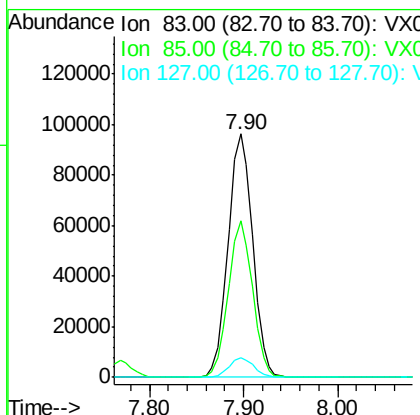
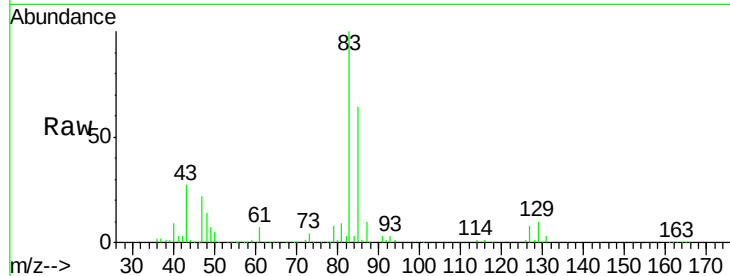
#41
Bromodichloromethane
Concen: 55.500 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	83	Resp	174716
Ion Ratio	100		
85	64.2	51.1	76.7
127	8.1	7.2	10.8

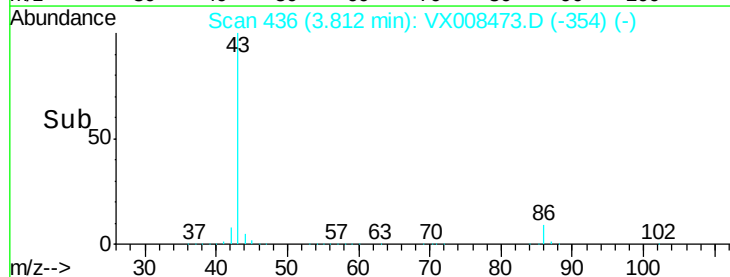
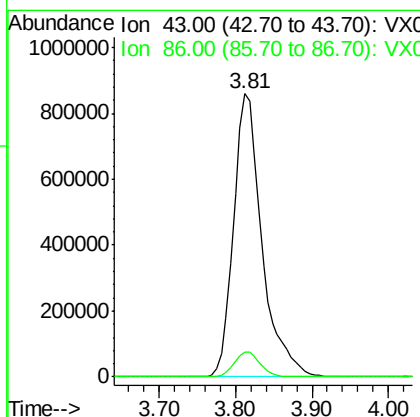
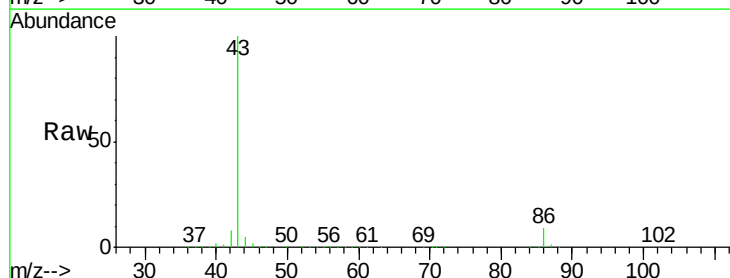
Manual Integrations
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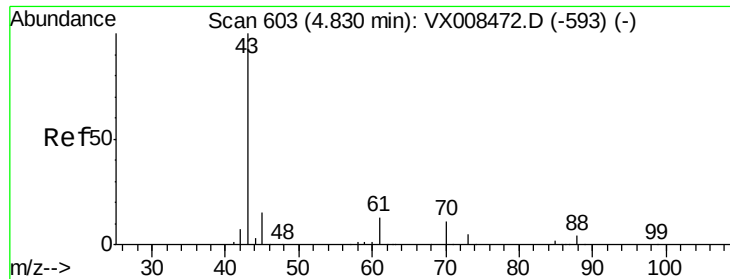
MMDadoda
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#42
Vinyl Acetate
Concen: 382.774 ug/l
RT: 3.81 min Scan# 436
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	43	Resp	2211505
Ion Ratio	100		
86	8.0	8.2	12.2#





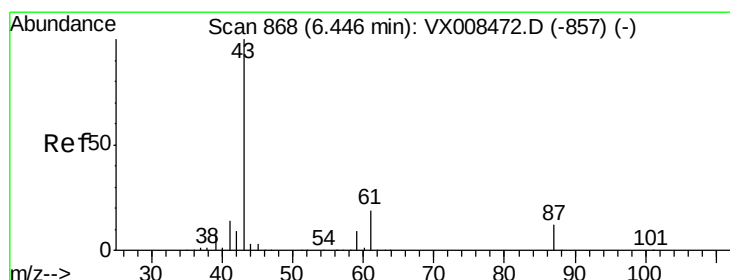
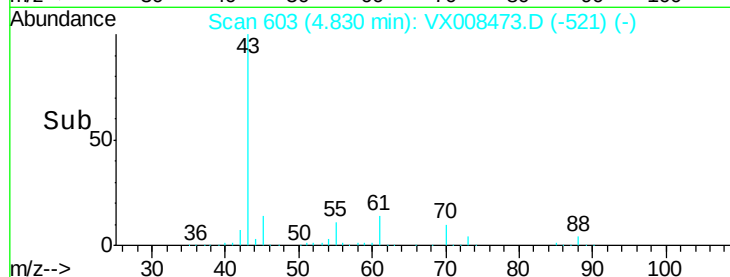
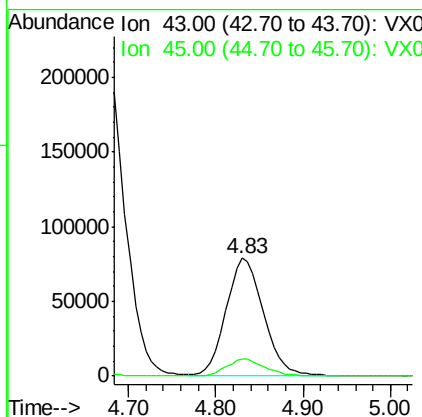
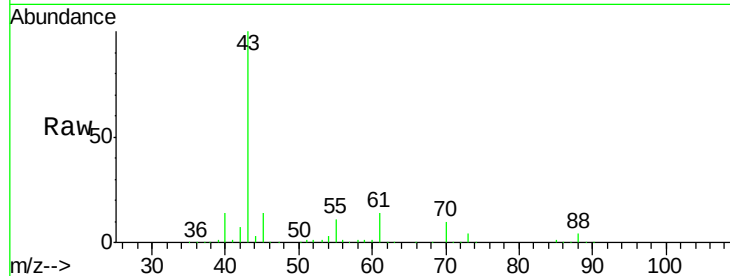
#43
Ethyl Acetate
Concen: 76.994 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 233615
Ion Ratio Lower Upper
43 100
45 14.9 6.9 10.3#

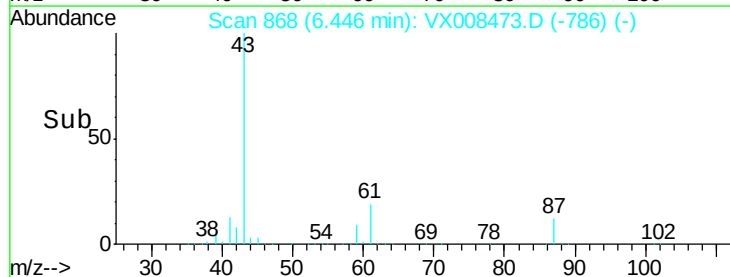
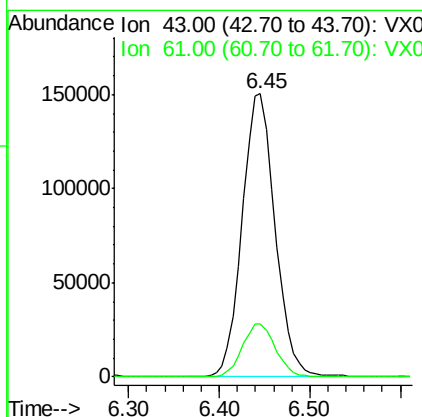
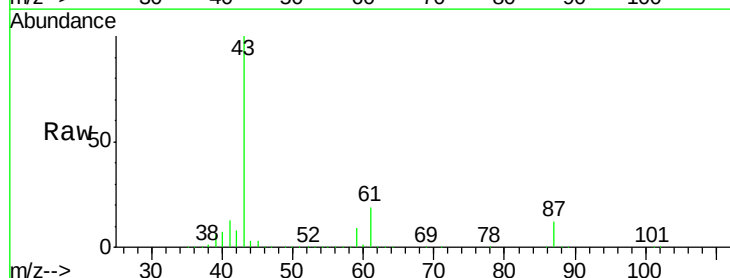
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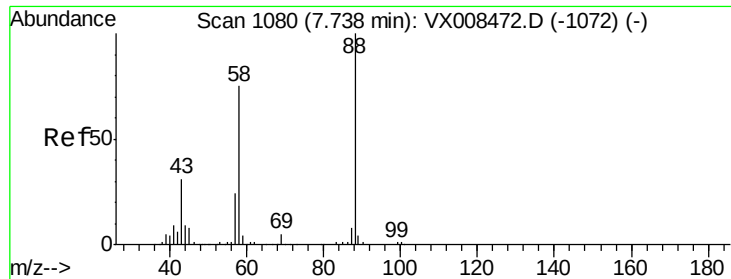
MMDadoda
3/28/2019 9:37:02 AM



#44
Isopropyl Acetate
Concen: 78.842 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 43 Resp: 376475
Ion Ratio Lower Upper
43 100
61 19.1 16.1 24.1





#45

1,4-Dioxane

Concen: 1271.206 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

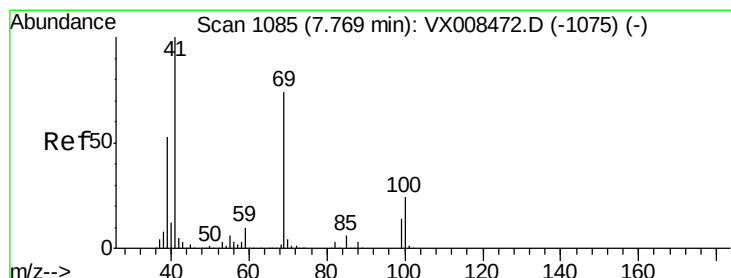
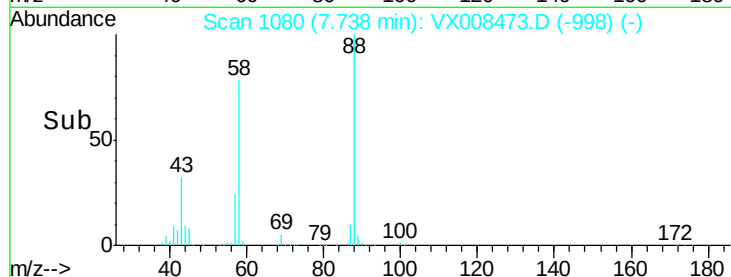
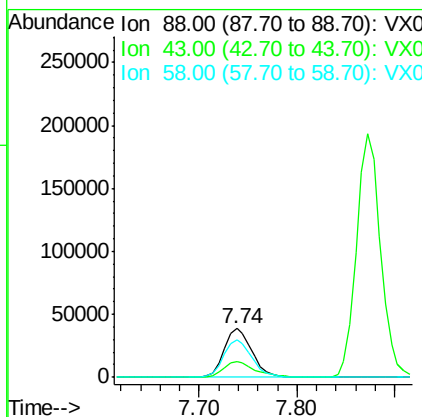
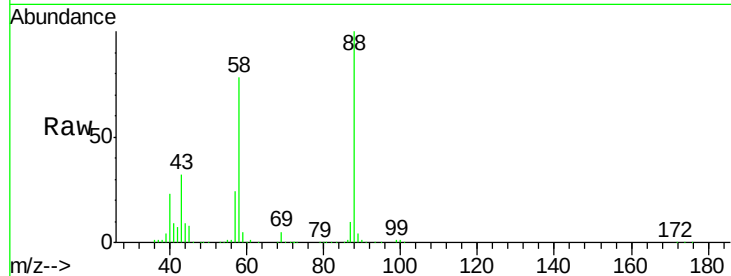
ClientSampleId :

VSTDIC050

Tot Ion:	88	Resp:	76348
Ion	Ratio	Lower	Upper
88	100		
43	35.8	23.6	35.4#
58	79.2	51.6	77.4#

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3/28/2019 9:37:02 AM



#46

Methyl methacrylate

Concen: 81.420 ug/l

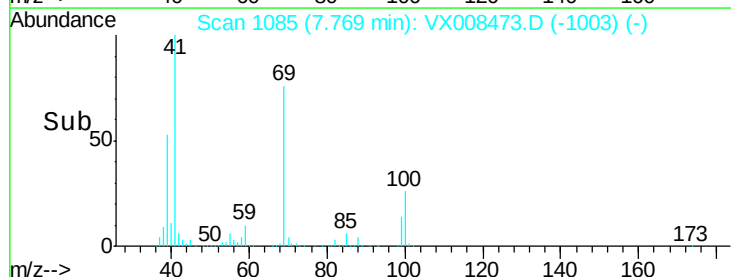
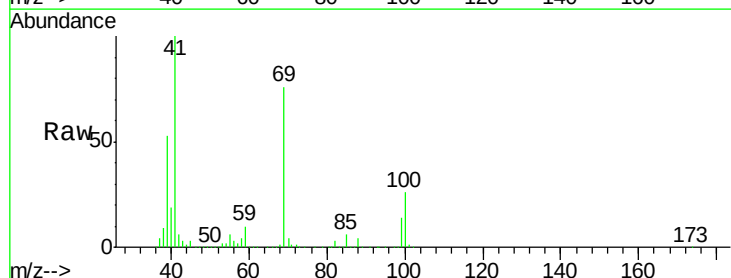
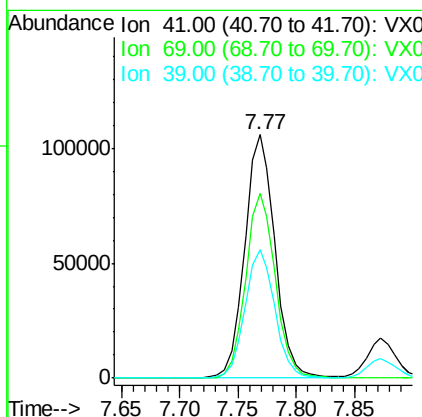
RT: 7.77 min Scan# 1085

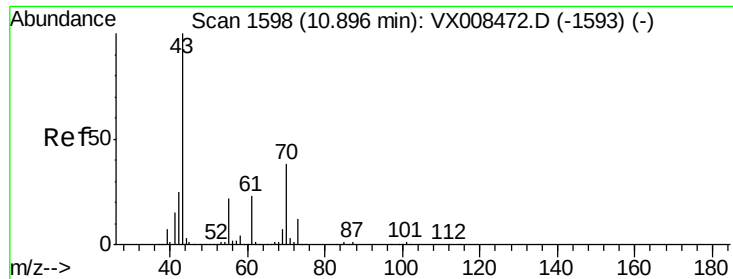
Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Tgt Ion:	41	Resp:	190769
Ion	Ratio	Lower	Upper
41	100		
69	76.2	44.2	132.6
39	52.8	29.9	89.8





#47

n-amvl Acetate

Concen: 87.130 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 356707

Ion Ratio Lower Upper

43 100

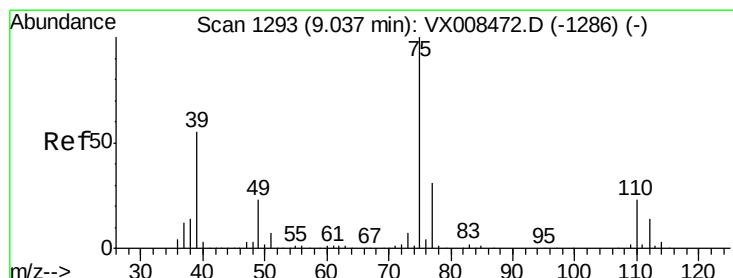
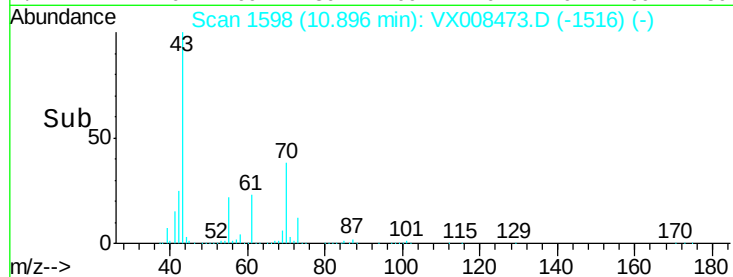
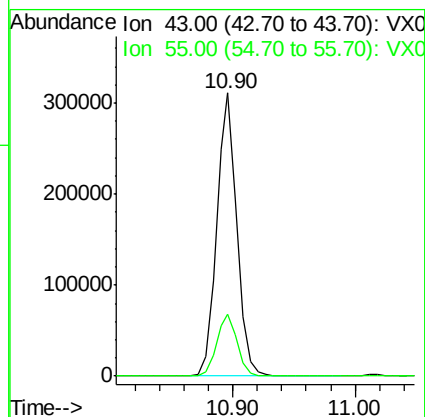
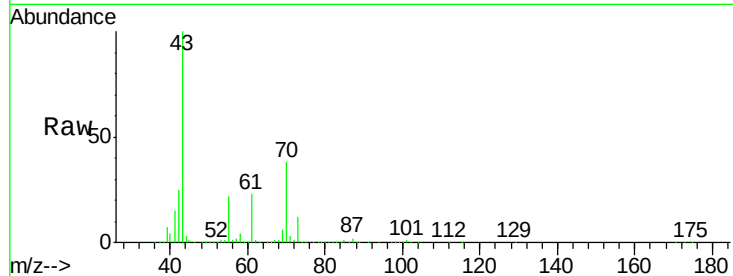
55 22.4 20.8 31.2

Manual Integrations

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3/28/2019 9:37:02 AM



#48

t-1,3-Dichloropropene

Concen: 62.728 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX008473.D

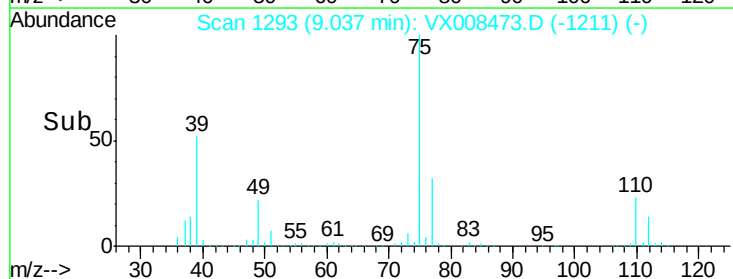
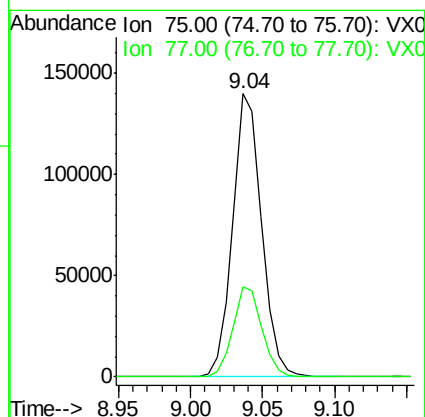
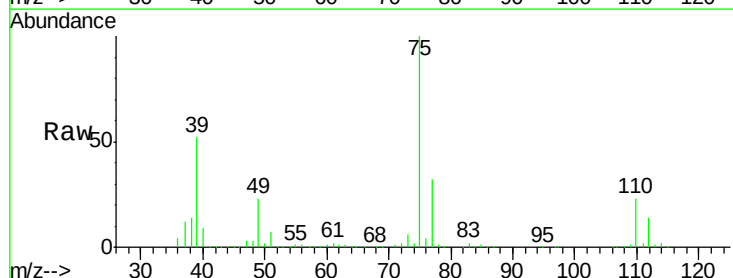
Acq: 27 Mar 2019 10:53

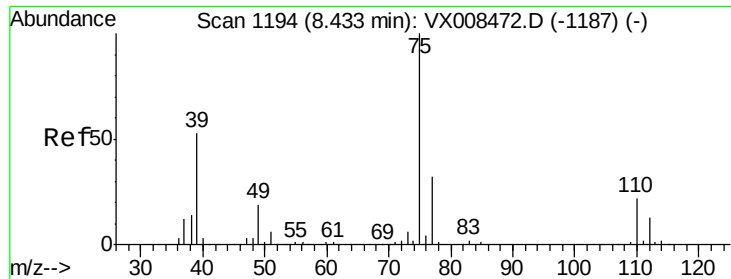
Tgt Ion: 75 Resp: 197710

Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7





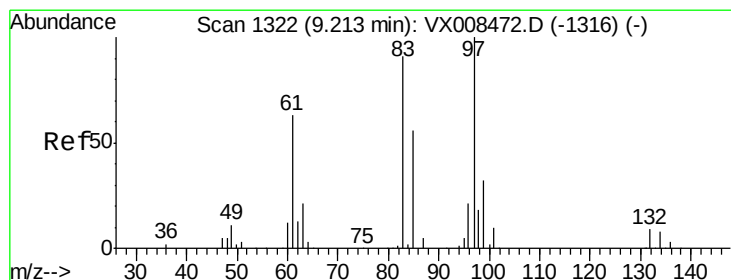
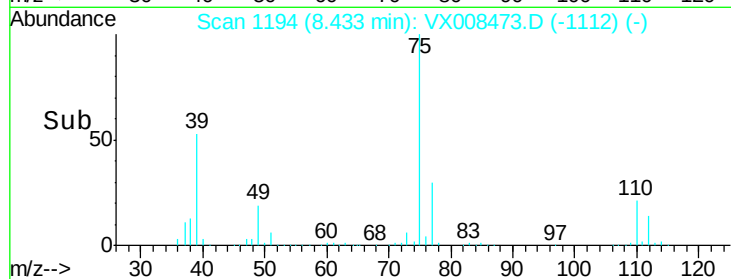
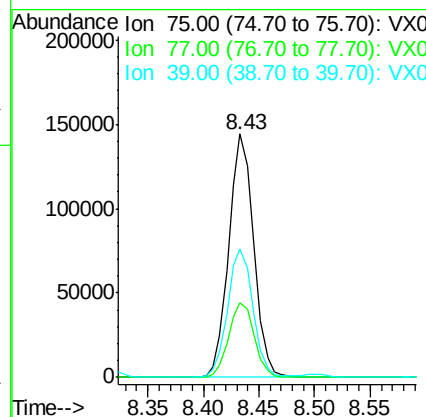
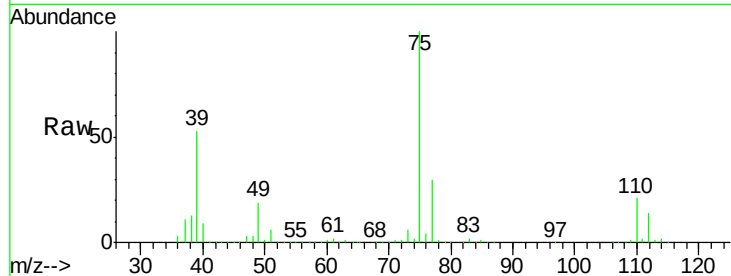
#49
 cis-1,3-Dichloropropene
 Concen: 63.664 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	75	Resp:	223908
Ion Ratio	Lower	Upper	
75	100		
77	30.4	25.0	37.4
39	52.7	38.5	57.7

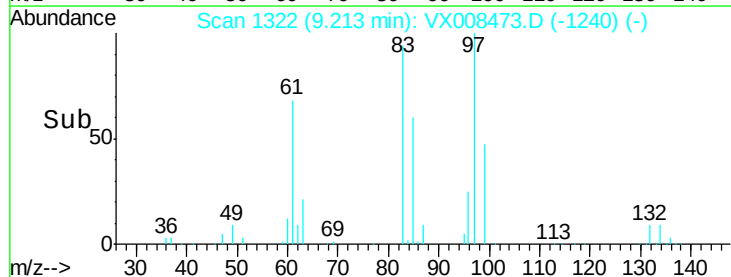
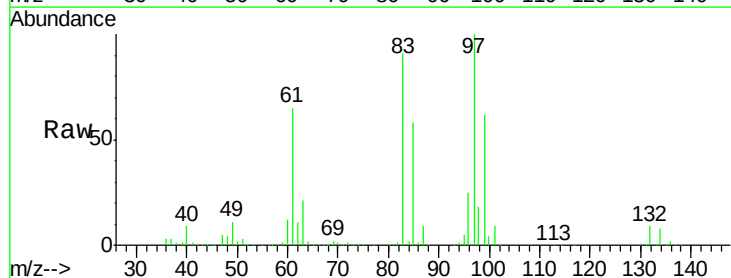
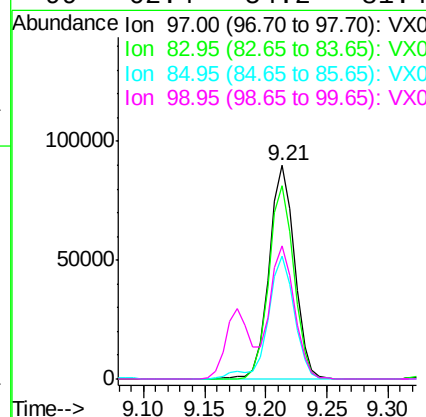
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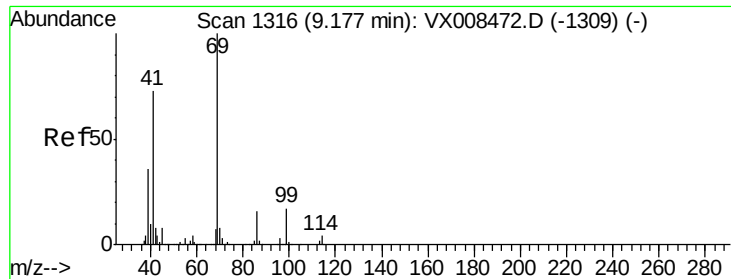
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 54.577 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion:	97	Resp:	130076
Ion Ratio	Lower	Upper	
97	100		
83	90.6	72.0	108.0
85	57.7	45.0	67.6
99	62.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 69.771 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

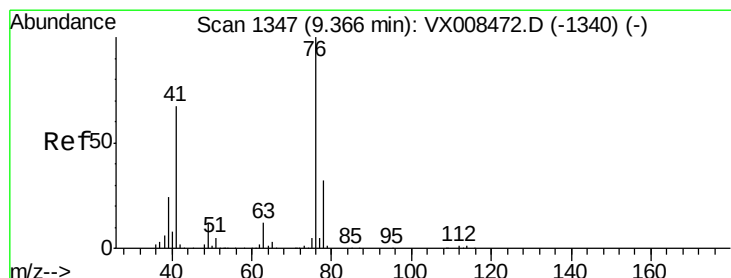
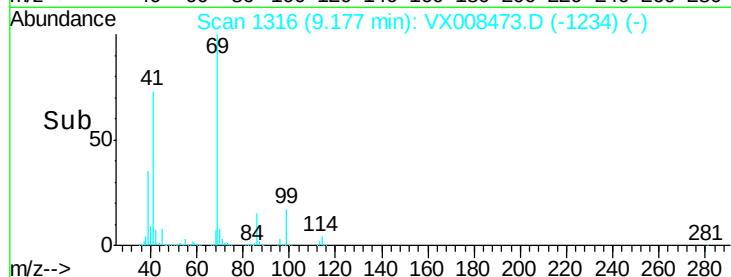
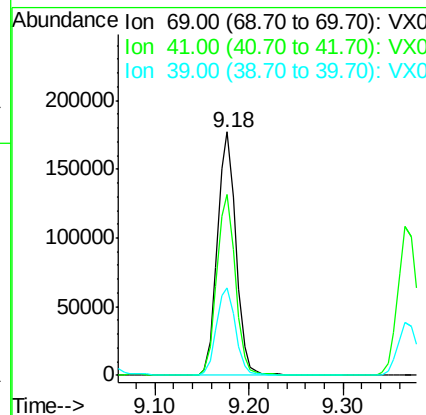
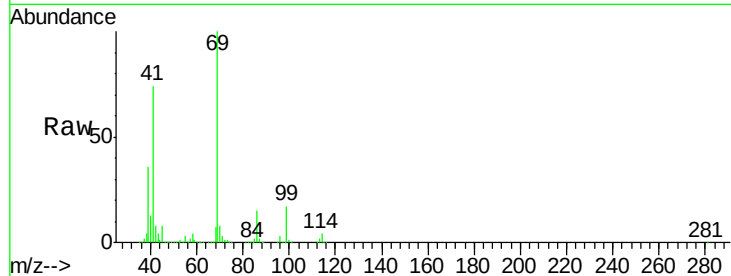
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	242773
Ion Ratio	Lower	Upper	
69	100		
41	74.4	32.1	96.5
39	35.7	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 60.261 ug/l

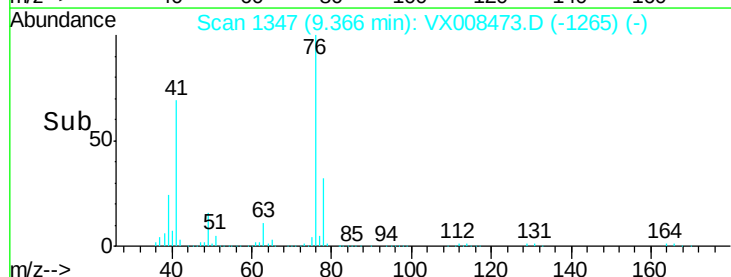
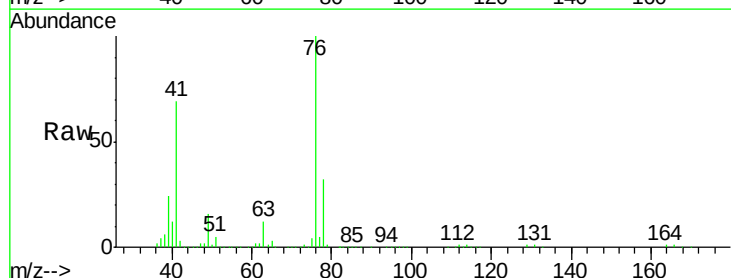
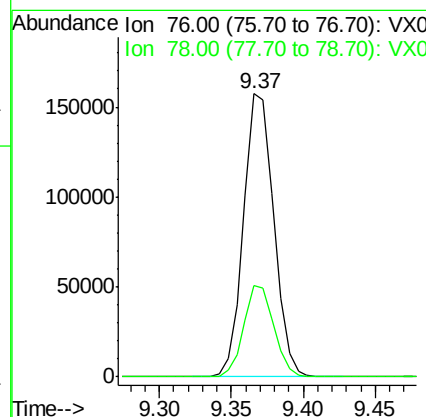
RT: 9.37 min Scan# 1347

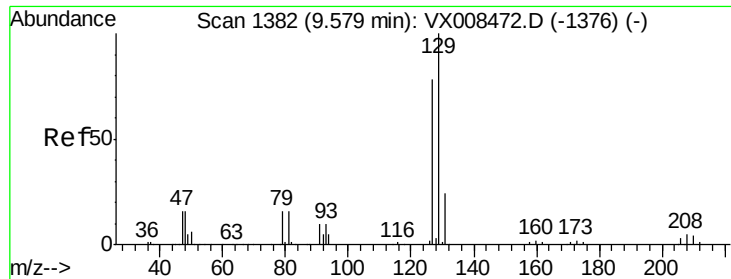
Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Tgt Ion:	76	Resp:	230339
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	65.2





#53

Dibromochloromethane

Concen: 47.707 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion:129 Resp: 128173

Ion Ratio Lower Upper

129 100

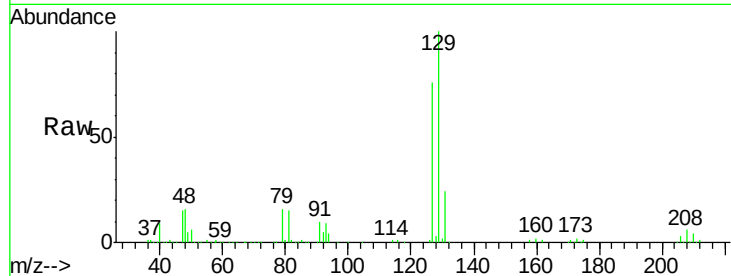
127 77.6 38.4 115.2

Manual Integrations

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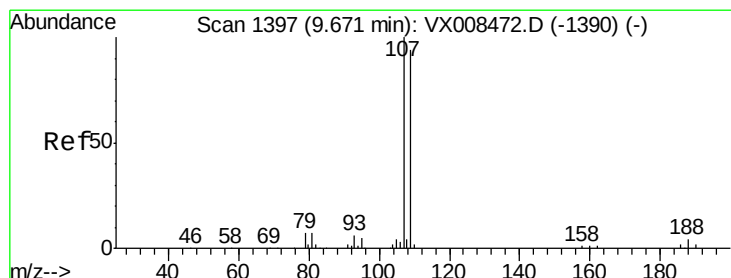
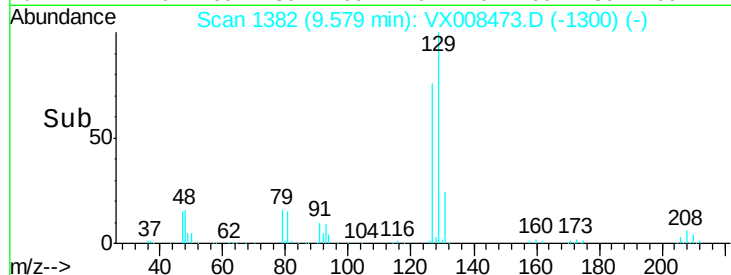
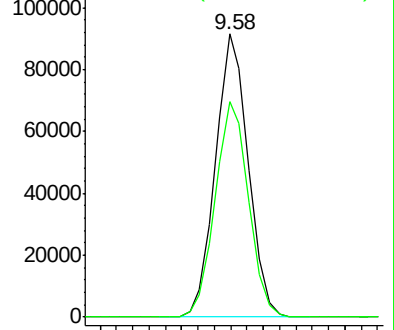
MMDadoda

3/28/2019 9:37:02 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 51.053 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008473.D

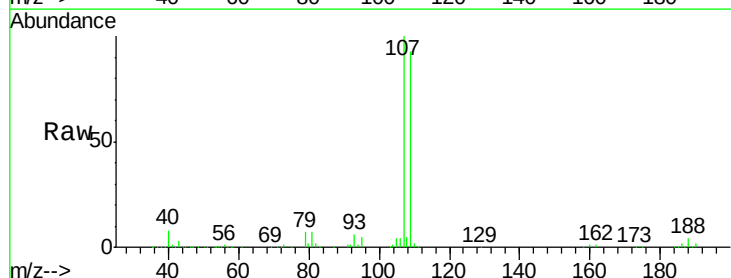
Acq: 27 Mar 2019 10:53

Tgt Ion:107 Resp: 133500

Ion Ratio Lower Upper

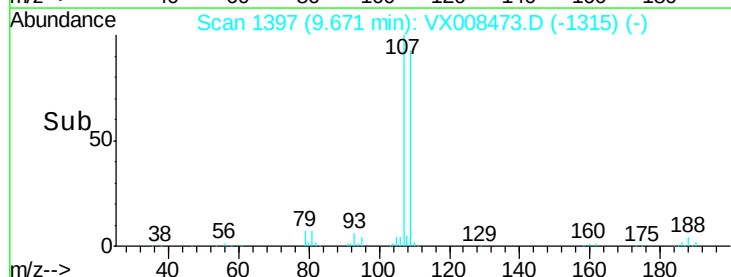
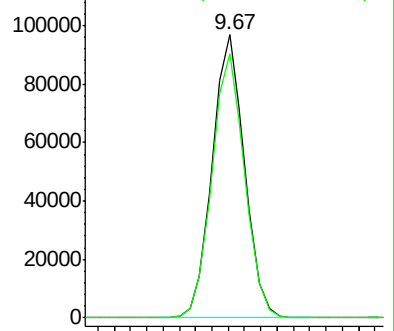
107 100

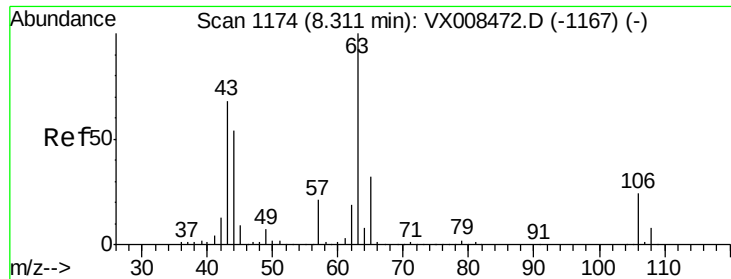
109 94.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





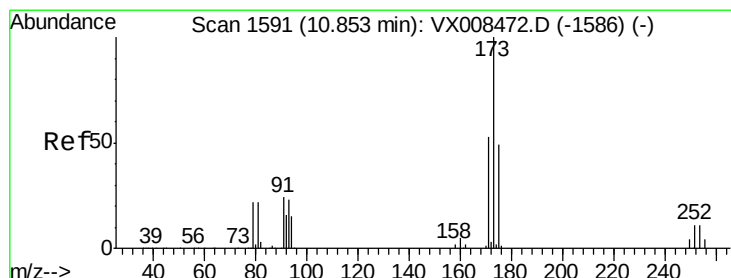
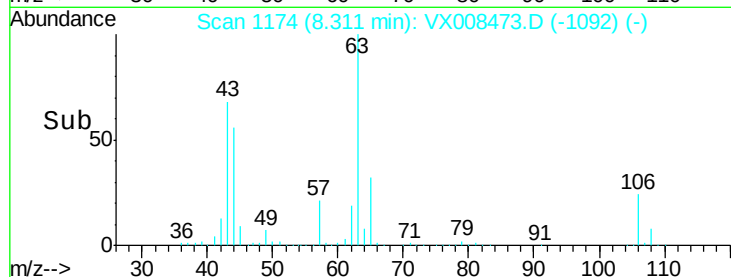
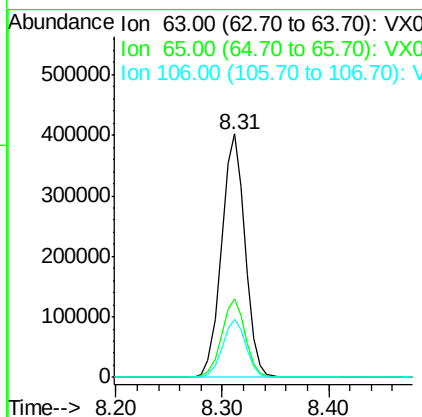
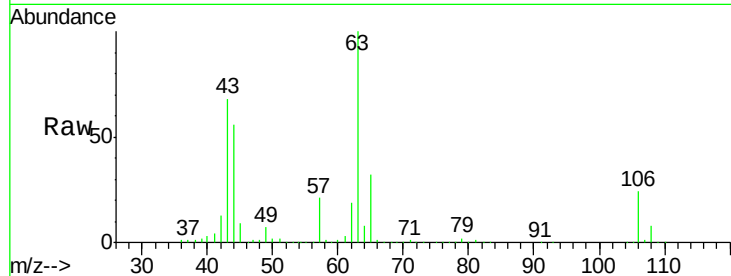
#55
2-Chloroethyl vinyl ether
Concen: 353.661 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.7	38.5
106	23.9	23.7	35.5

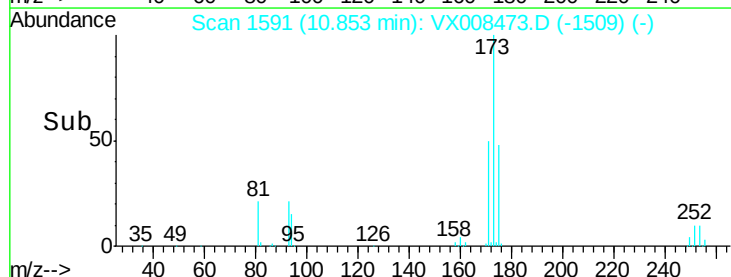
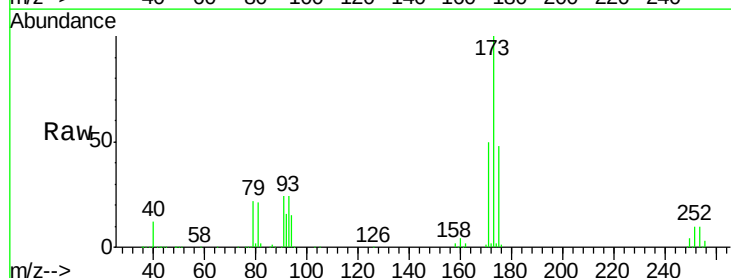
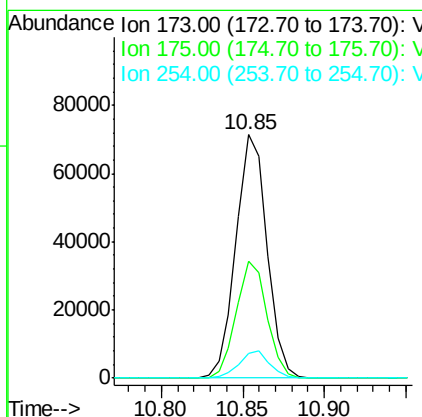
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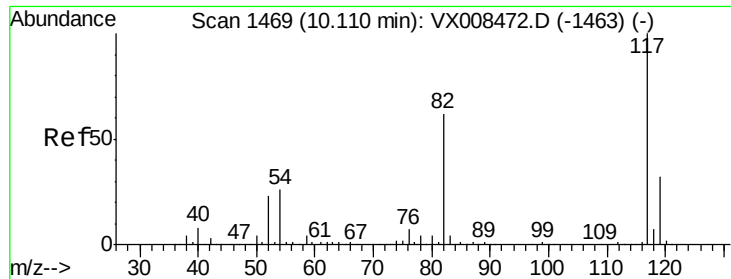
MMDadoda
3/28/2019 9:37:02 AM



#56
Bromoform
Concen: 44.628 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.5	57.7
254	11.0	7.4	11.2





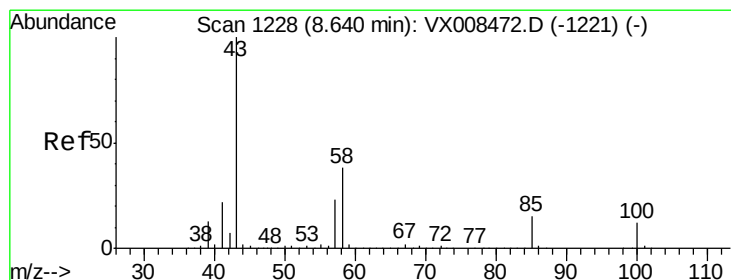
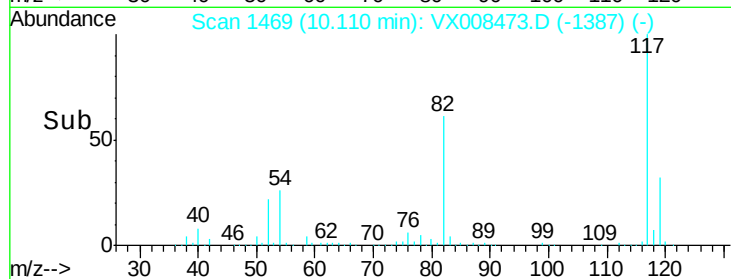
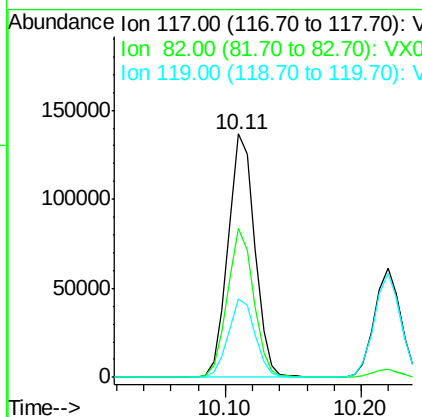
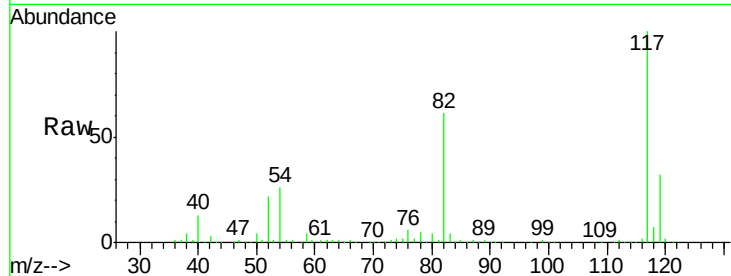
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	40.4	60.6
119	32.4	25.8	38.6

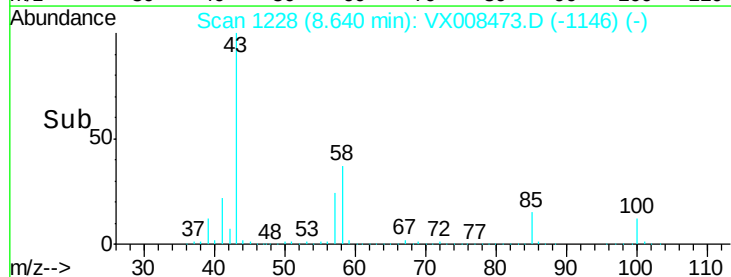
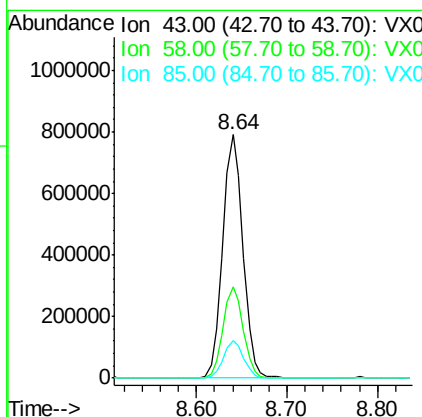
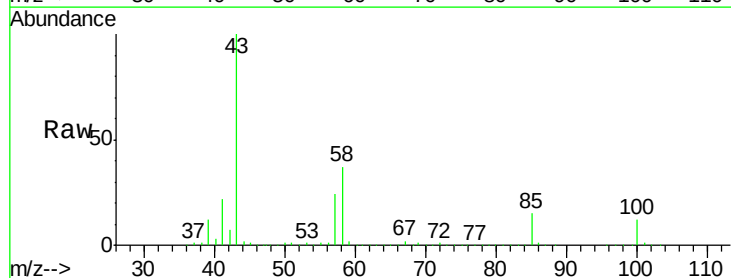
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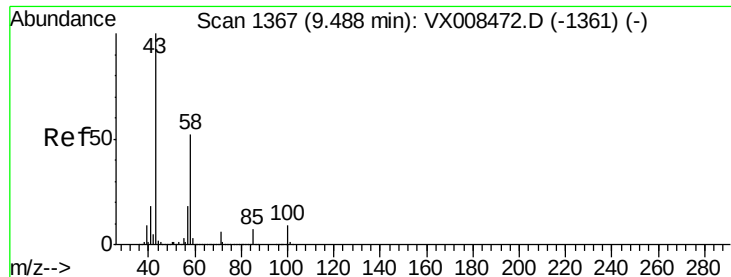
MMDadoda
3/28/2019 9:37:02 AM



#58
4-Methyl-2-Pentanone
Concen: 390.442 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.4	47.0
85	15.2	15.0	22.6





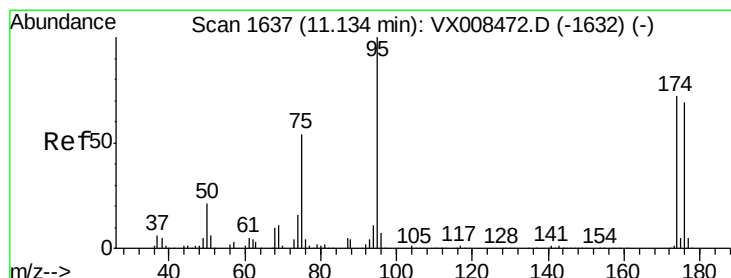
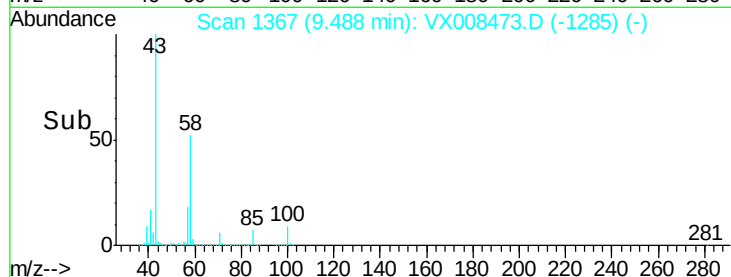
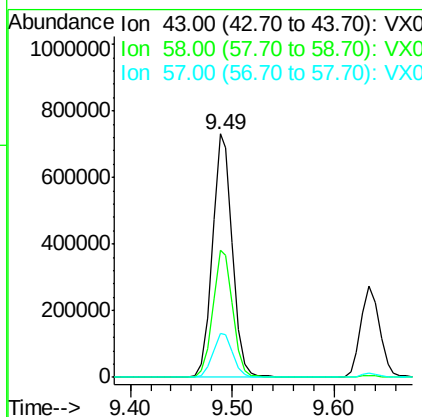
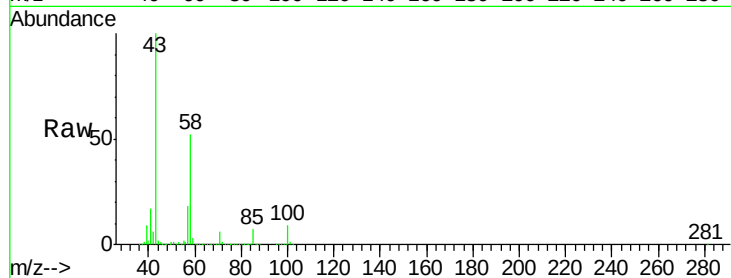
#59
2-Hexanone
Concen: 401.620 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 1002137
Ion Ratio Lower Upper
43 100
58 52.6 43.9 65.9
57 18.2 14.9 22.3

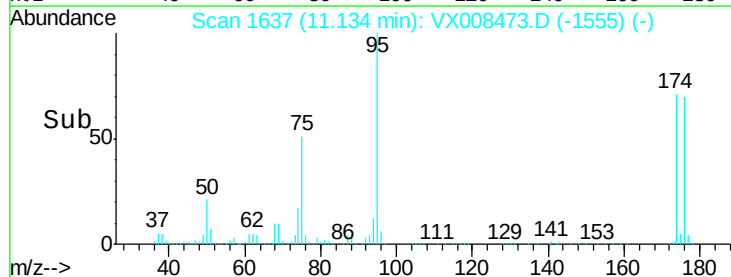
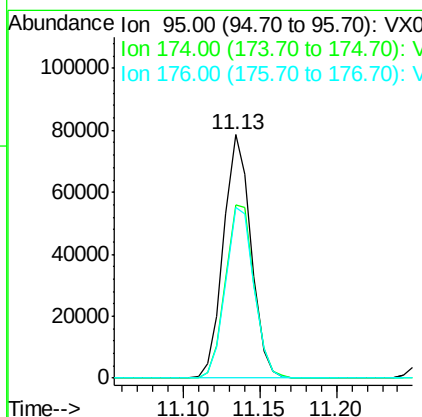
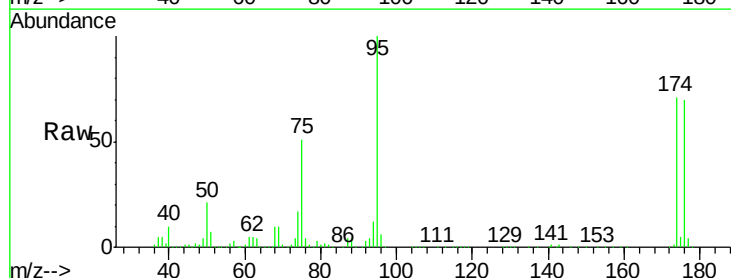
Manual Integrations
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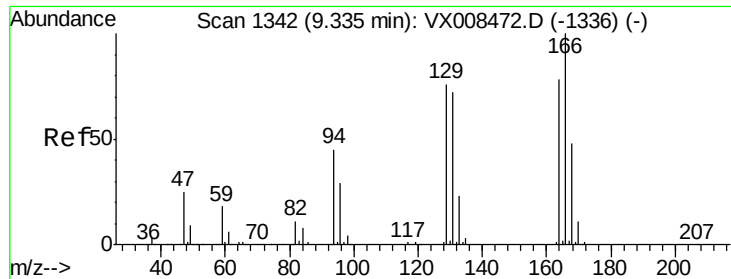
MMDadoda
3/28/2019 9:37:02 AM



#60
4-Bromofluorobenzene
Concen: 32.152 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 95 Resp: 98051
Ion Ratio Lower Upper
95 100
174 74.4 74.9 112.3#
176 72.6 70.7 106.1





#61

Tetrachloroethene

Concen: 39.764 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 100281

Ion Ratio Lower Upper

164 100

166 129.6 103.9 155.9

129 97.0 74.7 112.1

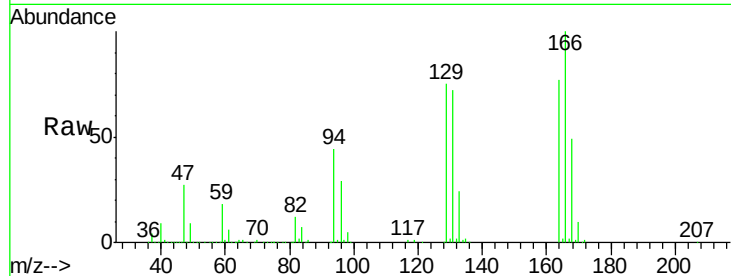
131 93.1 71.7 107.5

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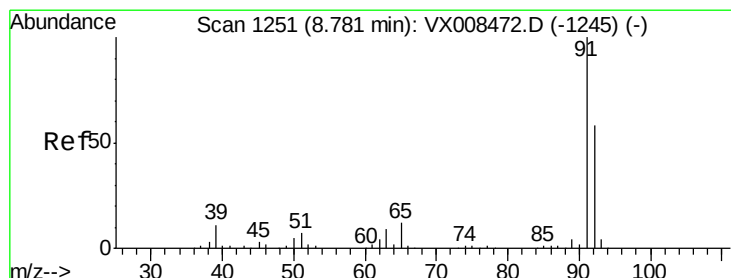
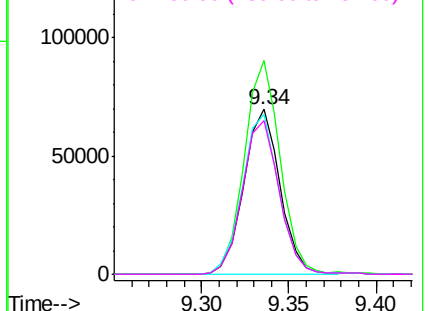
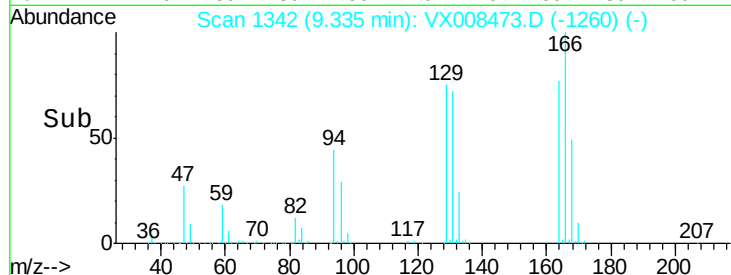


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 56.312 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008473.D

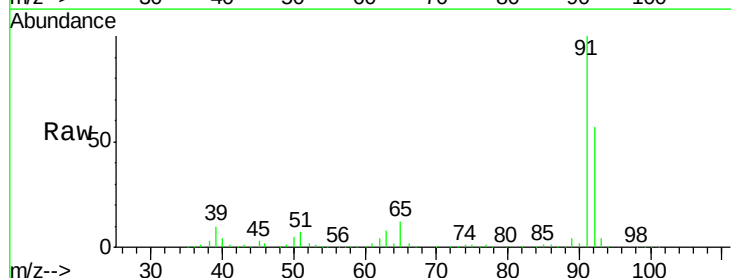
Acq: 27 Mar 2019 10:53

Tgt Ion: 91 Resp: 559992

Ion Ratio Lower Upper

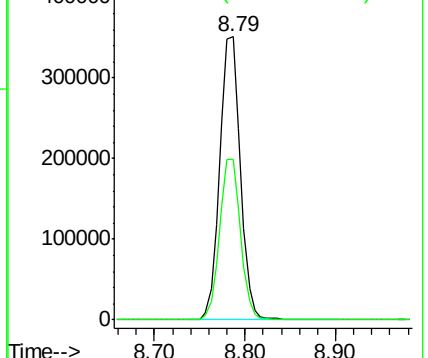
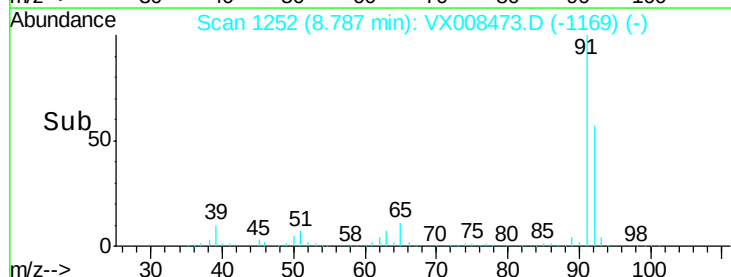
91 100

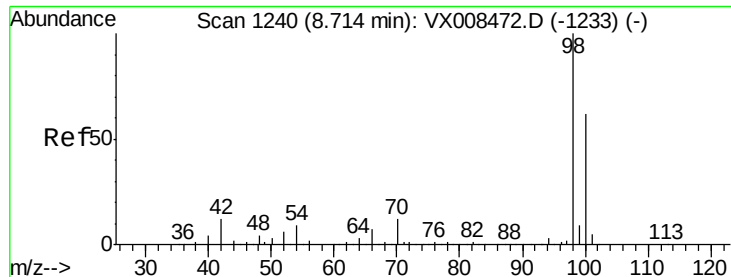
92 57.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





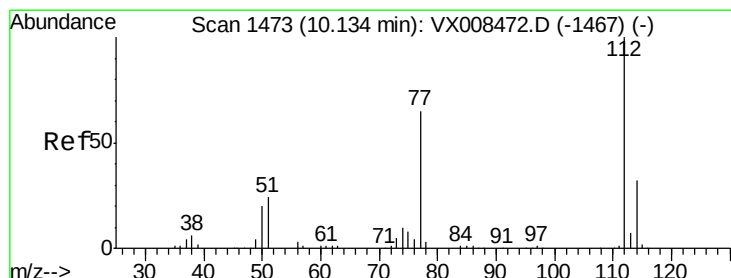
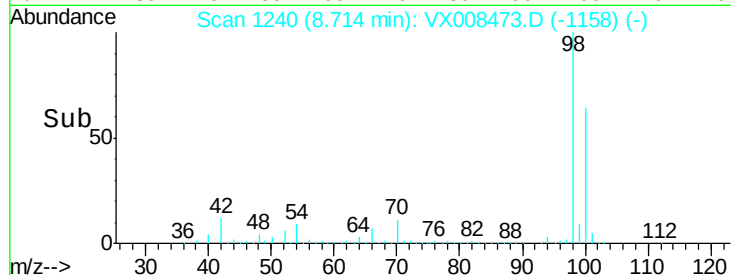
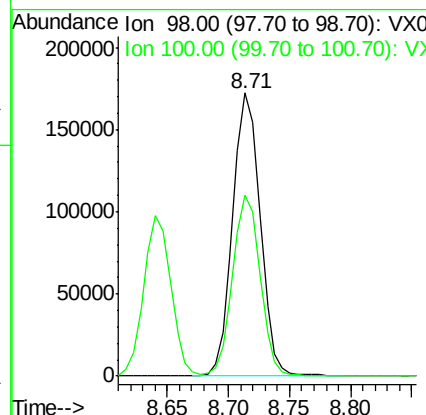
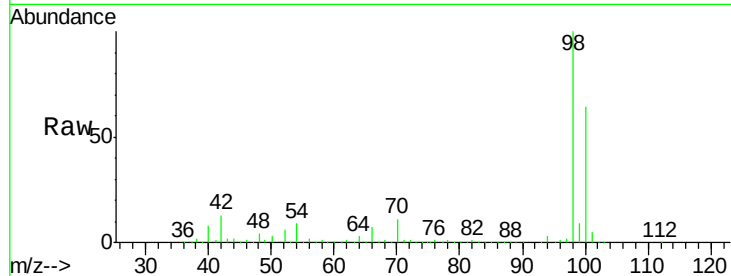
#63
Toluene-d8
Concen: 31.776 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 98 Resp: 268221
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

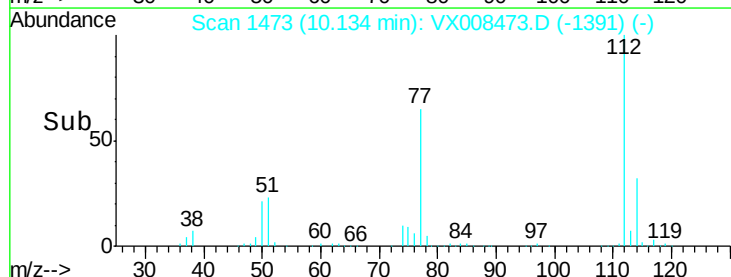
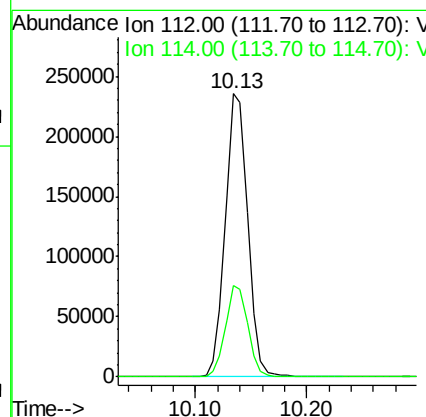
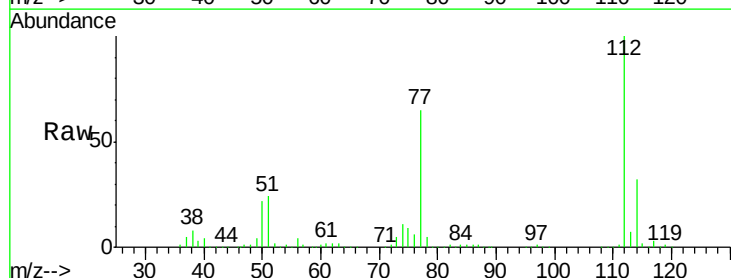
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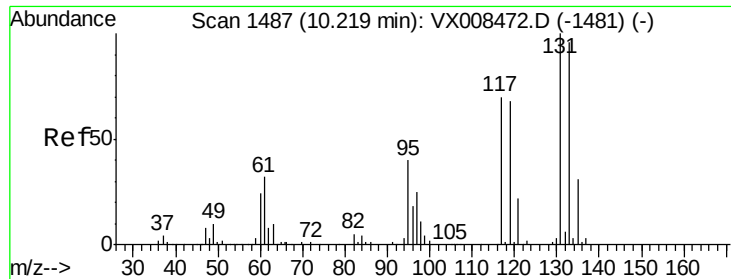
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#64
Chlorobenzene
Concen: 51.368 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 112 Resp: 329323
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2





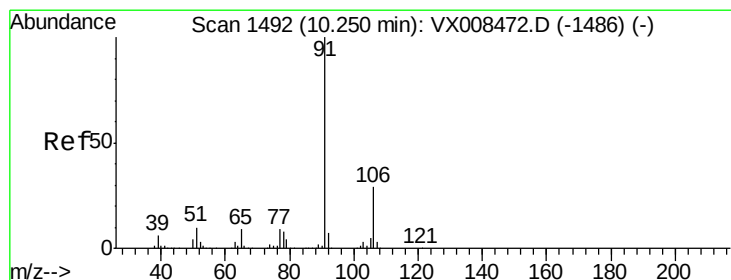
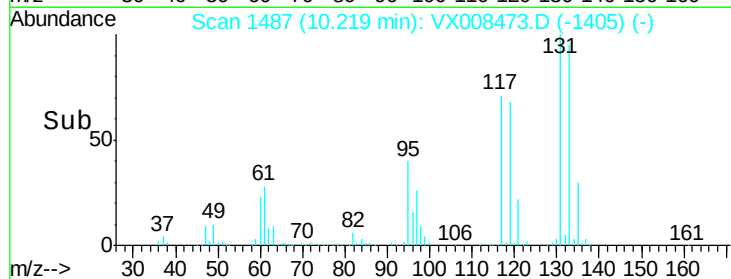
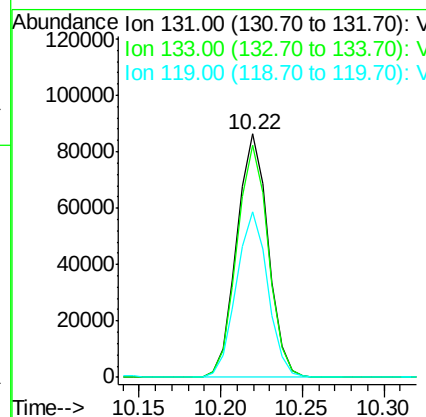
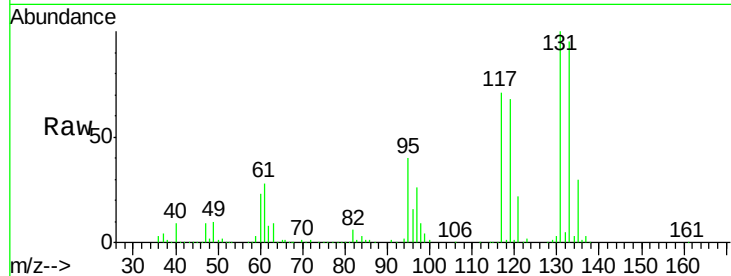
#65
 1,1,1,2-Tetrachloroethane
 Concen: 47.442 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
131	100	116164		
133	95.2	0.0	191.6	
119	68.0	0.0	127.4	

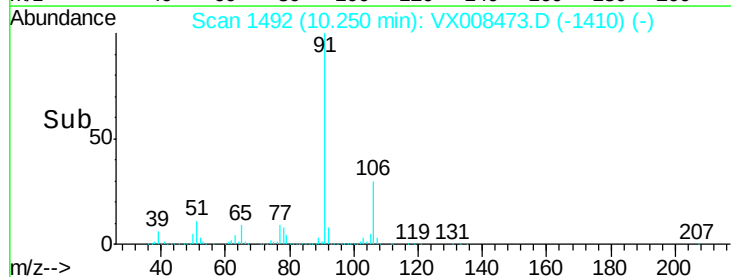
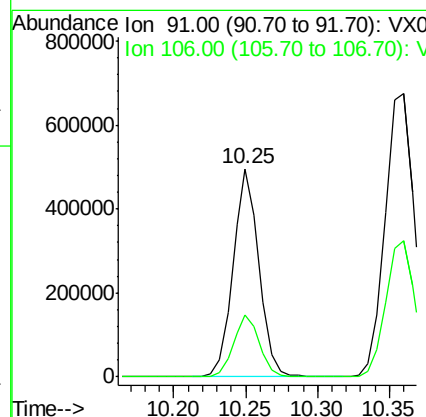
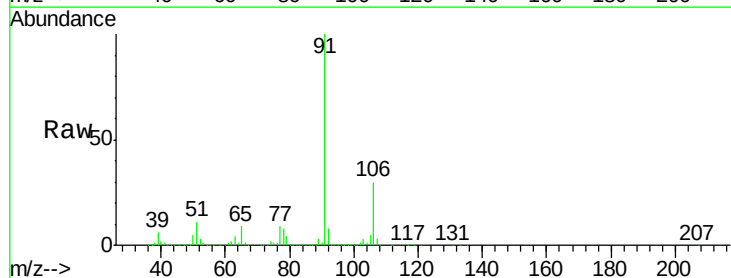
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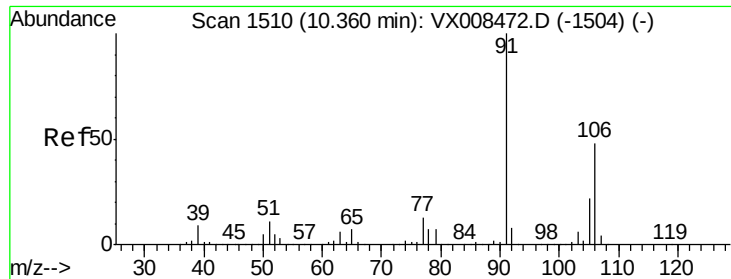
MMDadoda
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#66
 Ethyl Benzene
 Concen: 58.141 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	625293		
106	29.8	26.0	39.0	





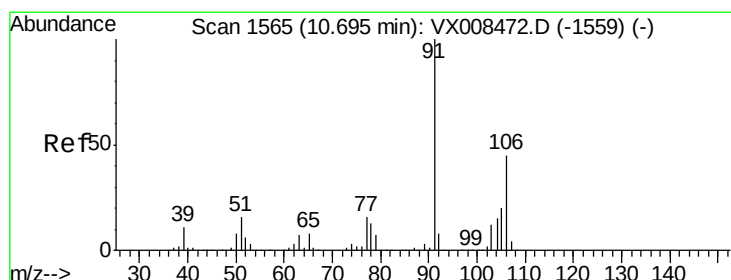
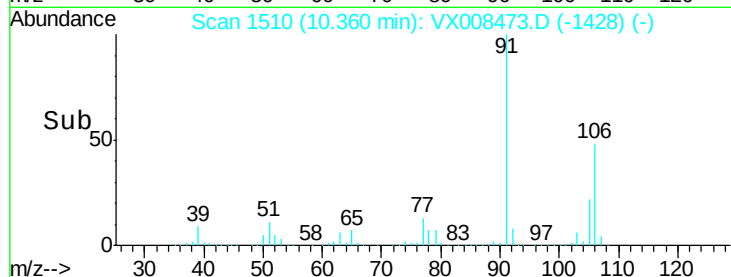
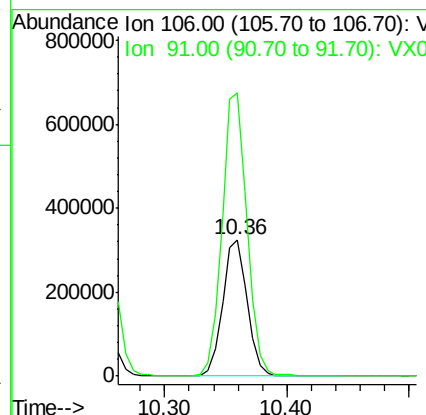
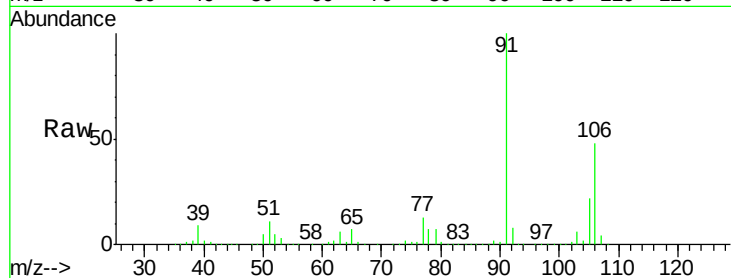
#67
m/p-Xylenes
Concen: 106.195 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		453922		
91	210.6	157.0	235.4		

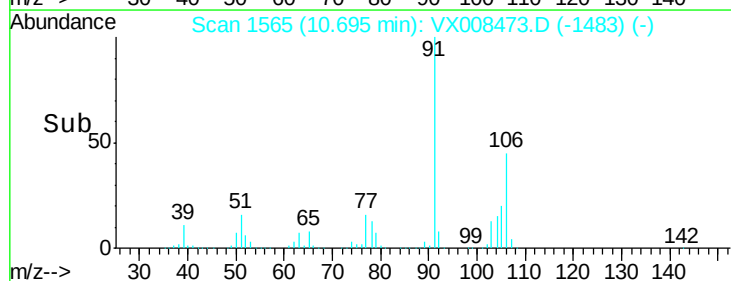
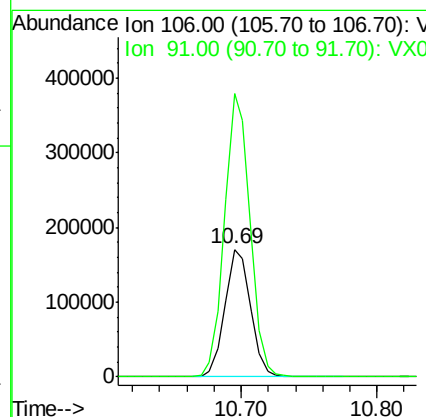
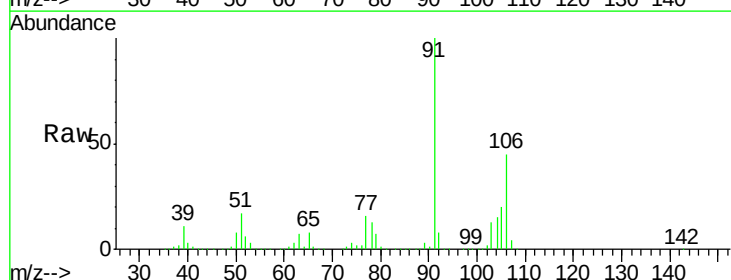
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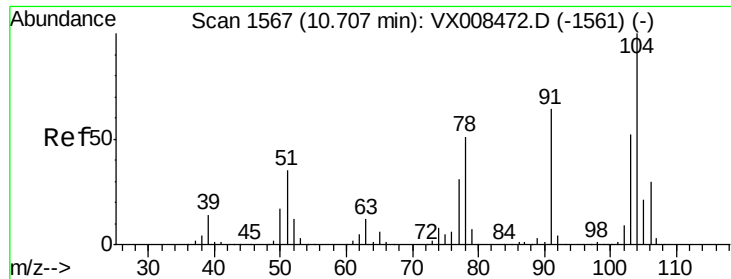
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#68
o-Xylene
Concen: 54.236 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		222700		
91	220.5	104.4	313.2		





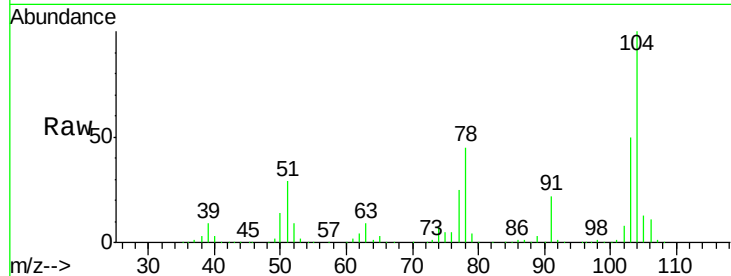
#69
Stvrene
Concen: 56.095 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

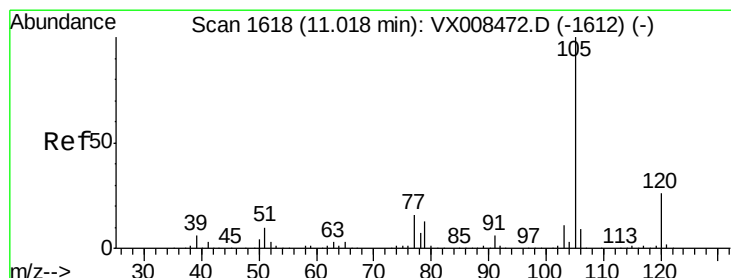
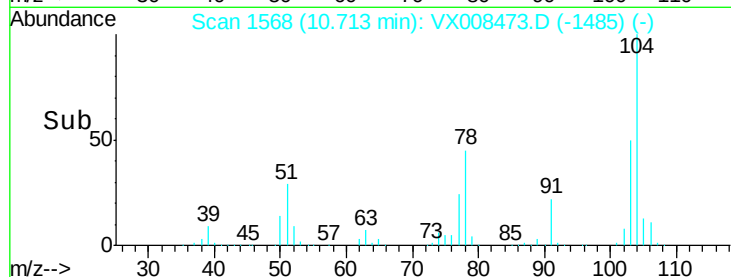
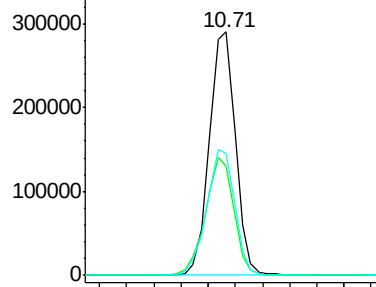
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.3	38.2	57.2
103	55.7	45.0	67.4

Manual Integrations
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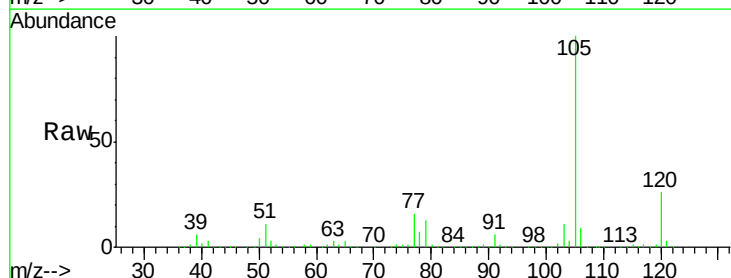


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

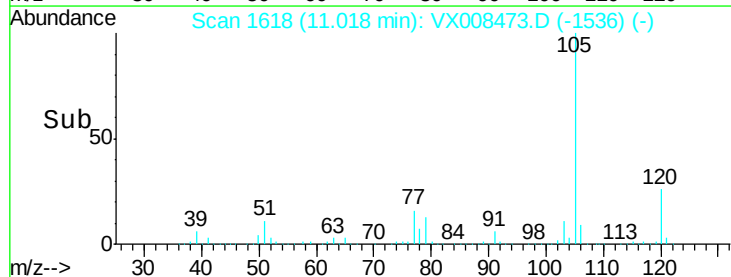
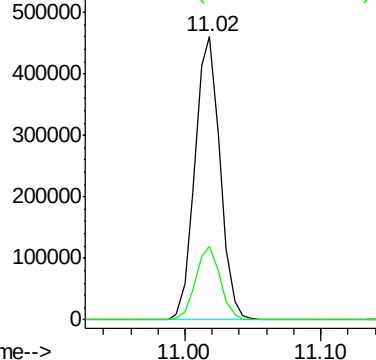


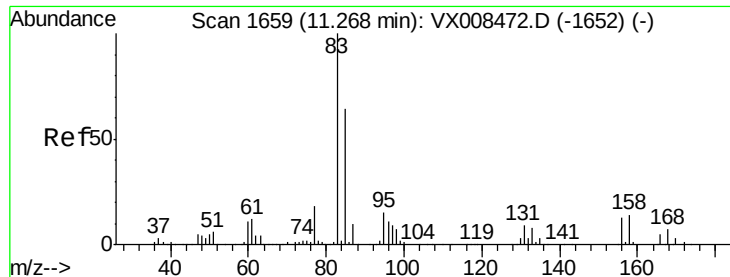
#70
Isopropylbenzene
Concen: 54.418 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	19.8	36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





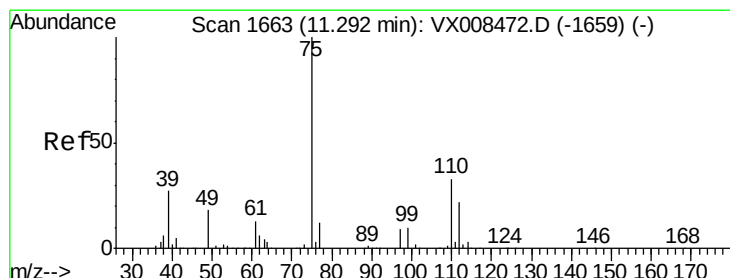
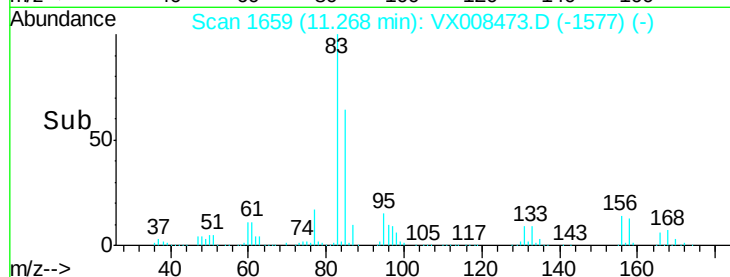
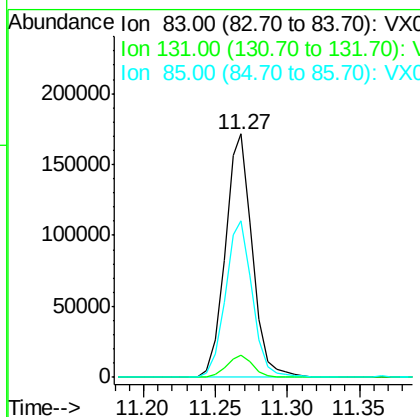
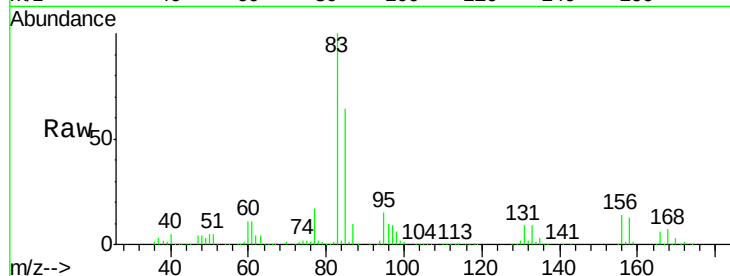
#71
 1,1,2,2-Tetrachloroethane
 Concen: 61.181 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	225388		
131	9.0	5.4	16.2	
85	64.4	32.8	98.4	

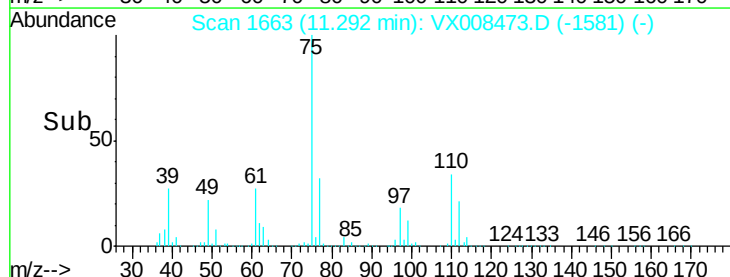
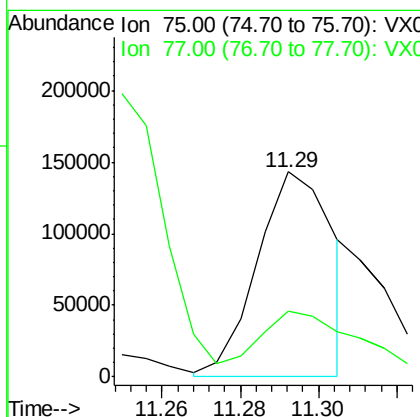
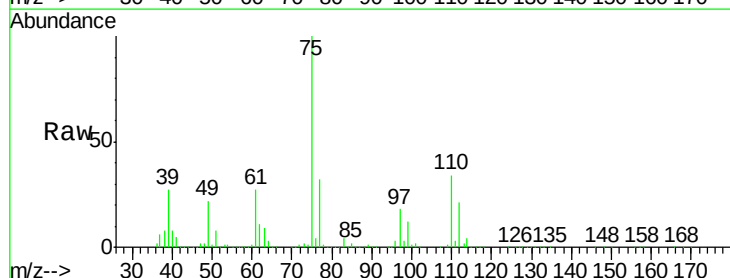
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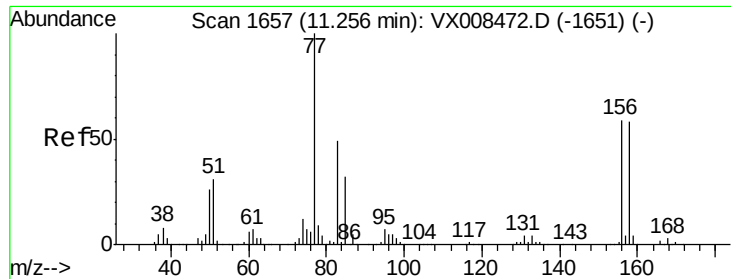
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#72
 1,2,3-Trichloropropane
 Concen: 64.295 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190797		
77	43.4	0.0	76.4	





#73

Bromobenzene

Concen: 46.962 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

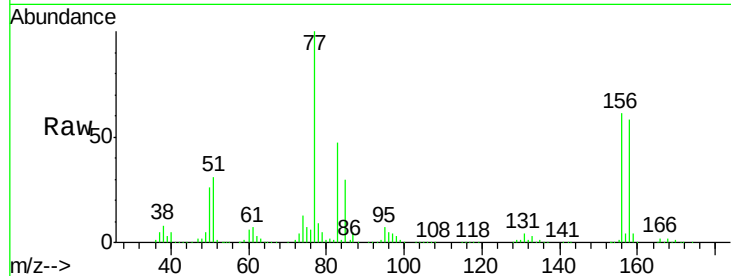
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	140373
Ion Ratio	Lower	Upper	
156	100		
77	179.3	0.0	271.4
158	96.3	0.0	194.0

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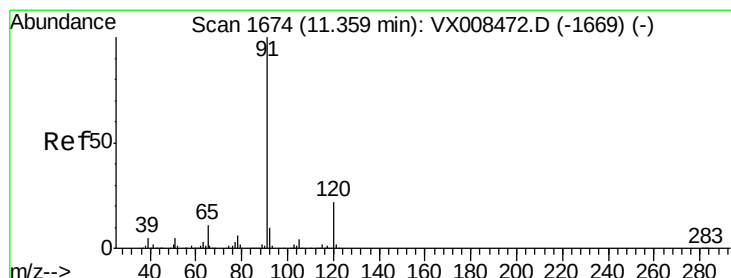
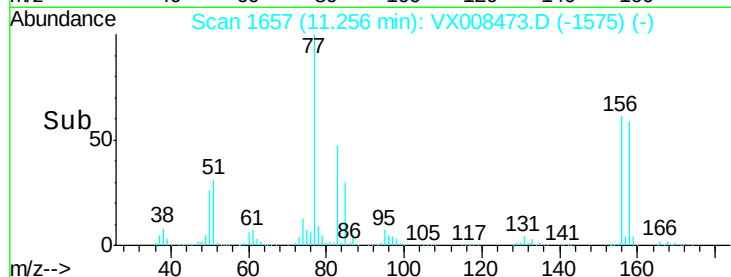
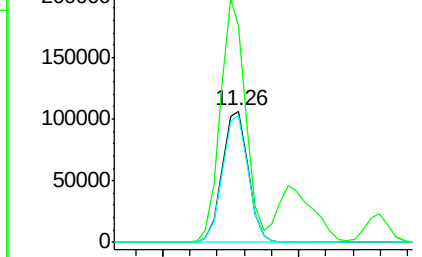
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 58.145 ug/l

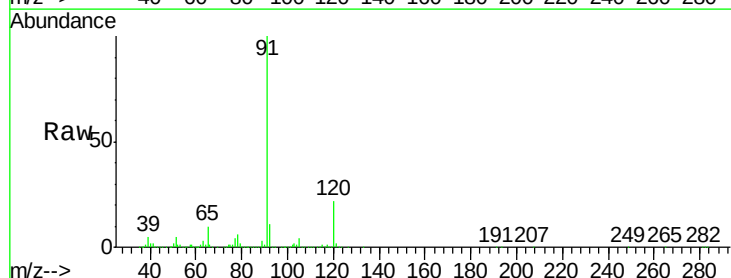
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008473.D

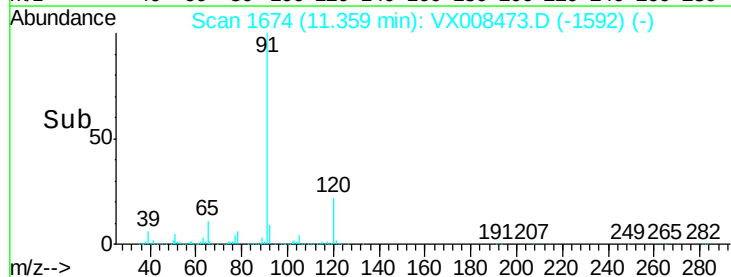
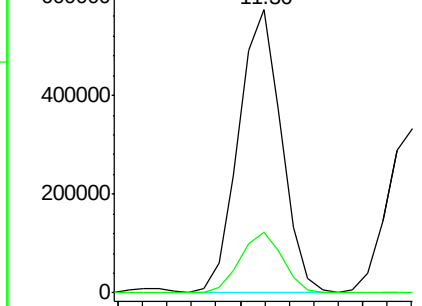
Acq: 27 Mar 2019 10:53

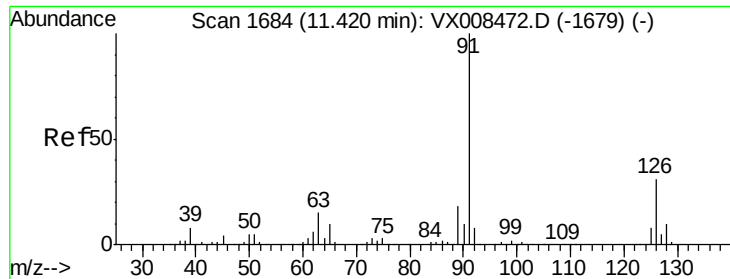
Tgt Ion:	91	Resp:	700187
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 57.693 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 414901

Ion Ratio Lower Upper

91 100

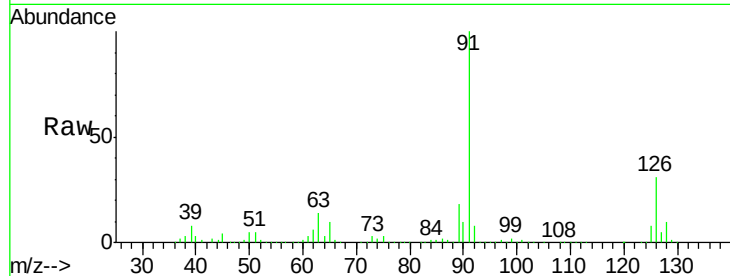
126 31.4 0.0 75.2

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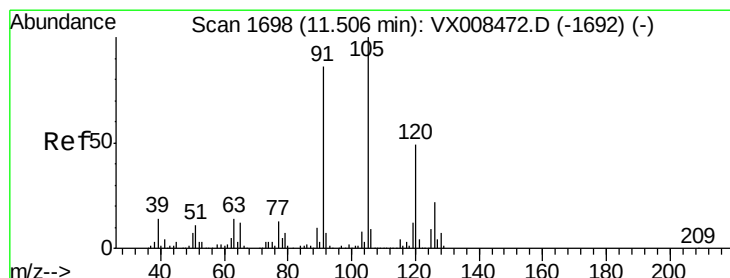
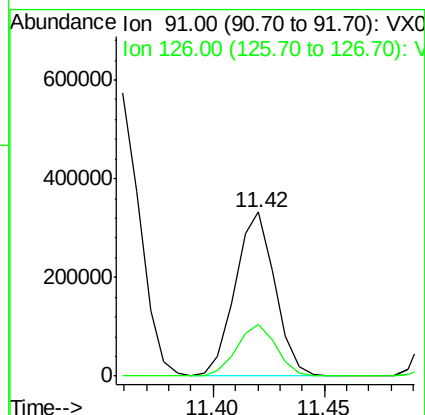
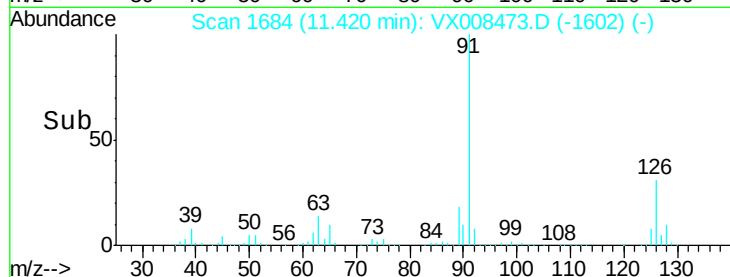
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Abundance Ion 91.00 (90.70 to 91.70): VX008473.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008473.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 53.941 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008473.D

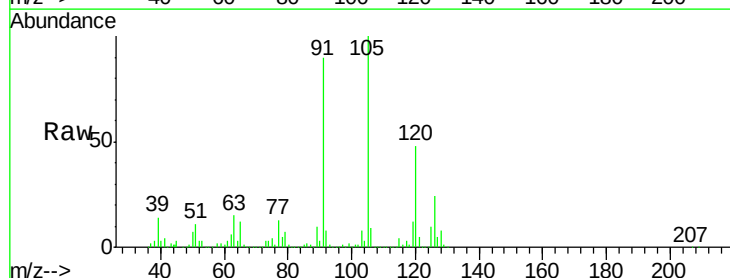
Acq: 27 Mar 2019 10:53

Tgt Ion: 105 Resp: 497828

Ion Ratio Lower Upper

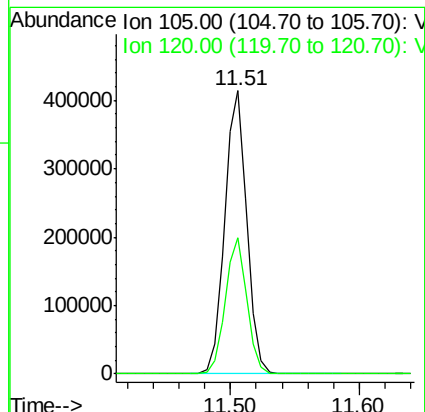
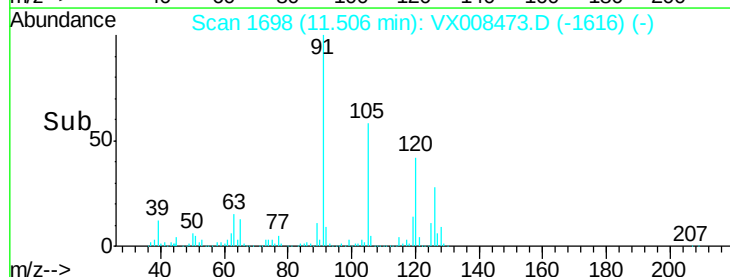
105 100

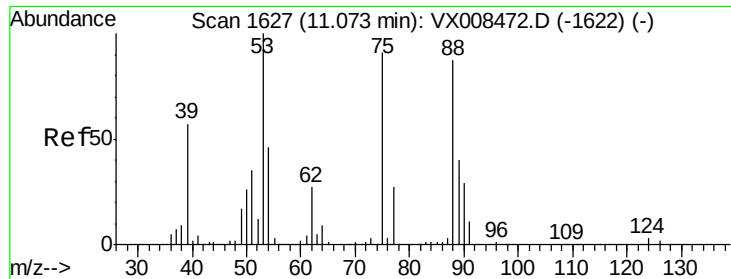
120 47.1 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008473.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008473.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 70.753 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

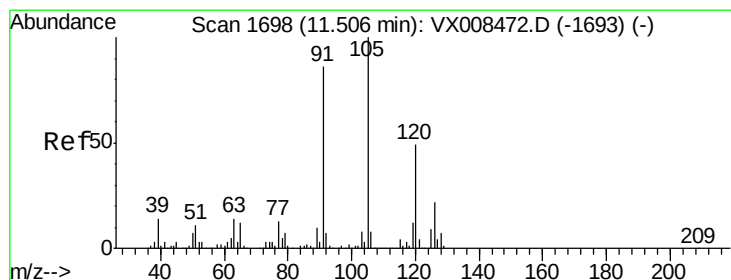
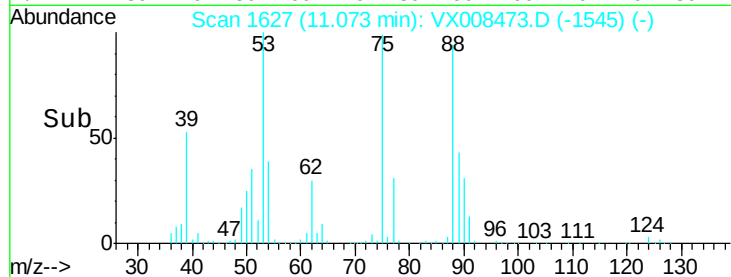
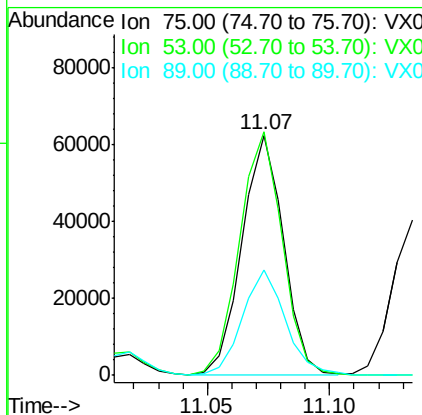
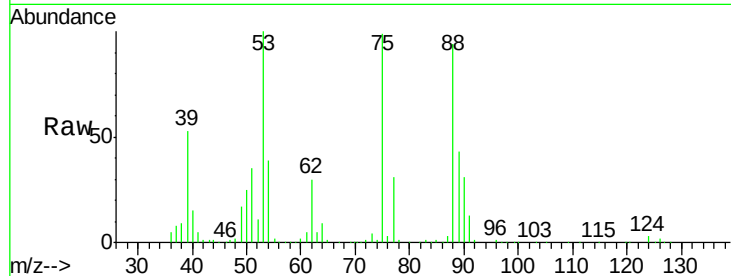
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	74381
Ion	Ratio	Lower	Upper
75	100		
53	101.3	55.5	166.7
89	43.9	24.4	73.2

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#78

4-Chlorotoluene

Concen: 56.266 ug/l

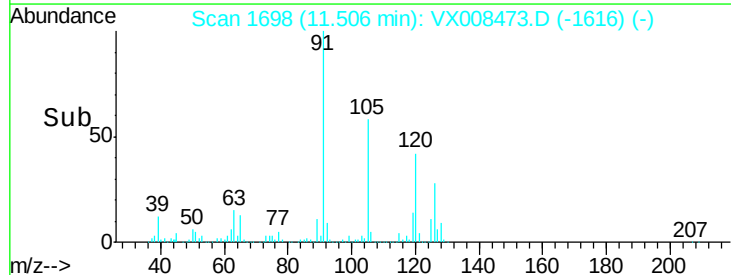
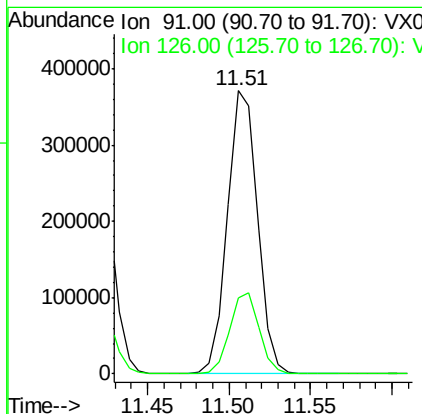
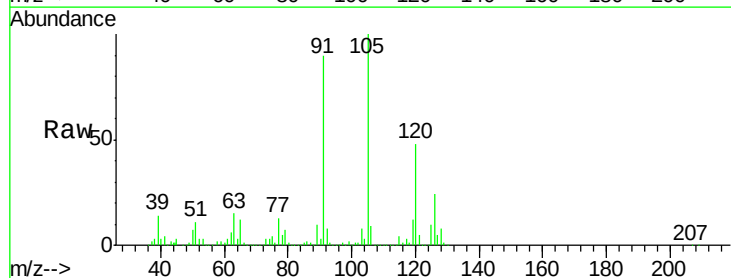
RT: 11.51 min Scan# 1698

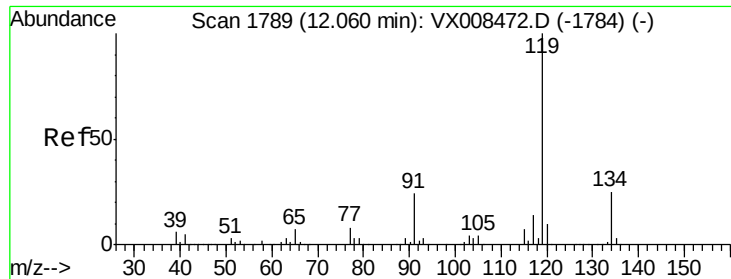
Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Tgt Ion:	91	Resp:	476227
Ion	Ratio	Lower	Upper
91	100		
126	28.1	0.0	66.2





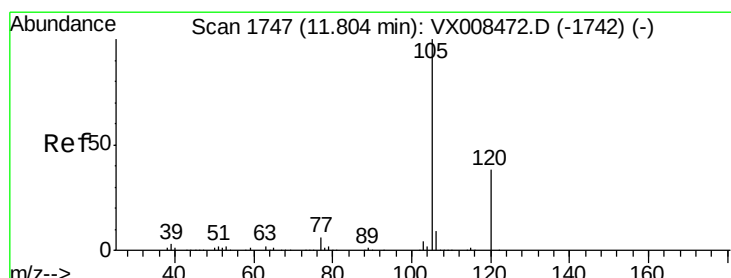
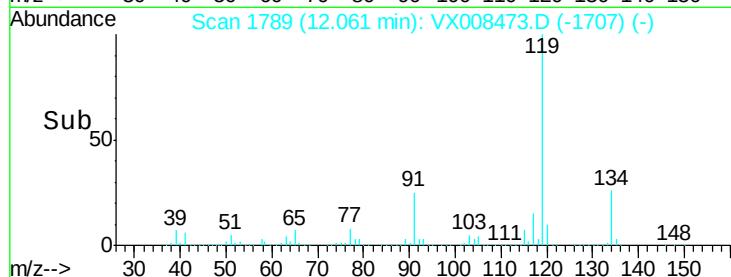
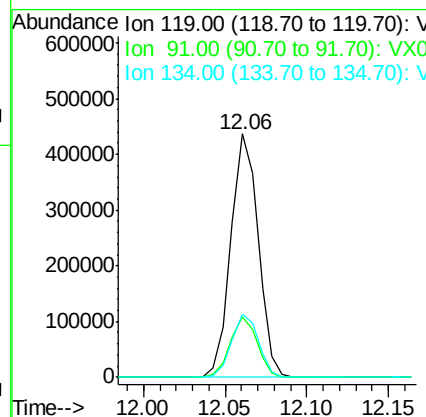
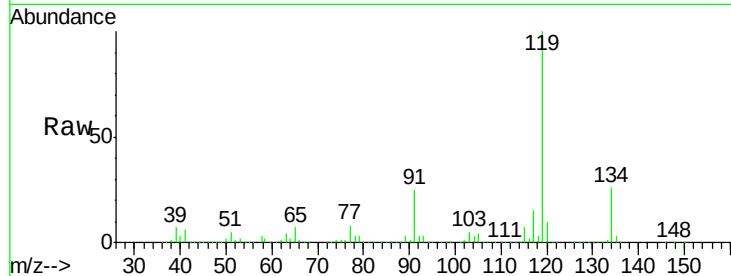
#79
tert-butylbenzene
Concen: 52.578 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	510432		
91	24.6	0.0	45.0	
134	25.8	0.0	55.4	

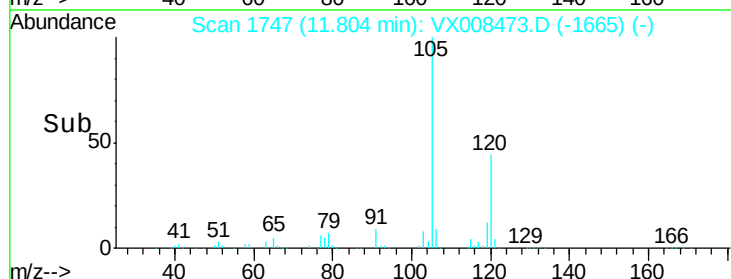
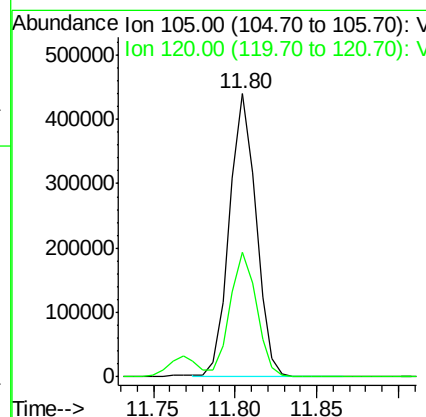
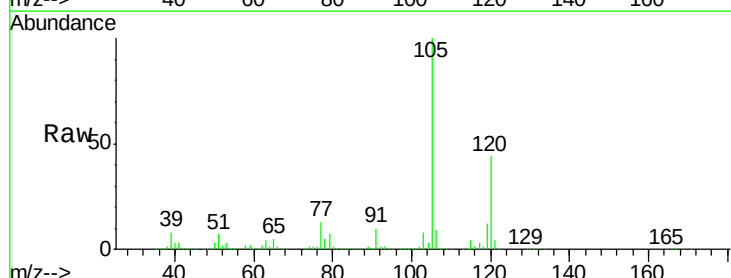
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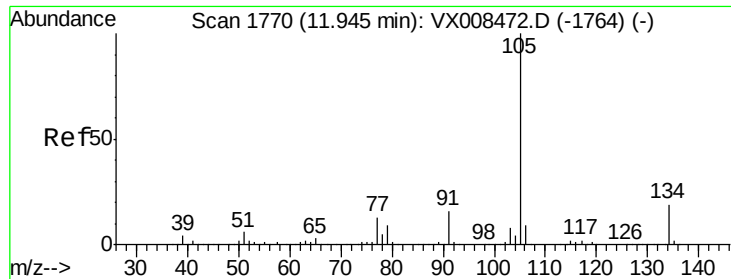
MMDadoda
3/28/2019 9:37:02 AM



#80
1,2,4-Trimethylbenzene
Concen: 54.595 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500688		
120	44.3	0.0	94.0	





#81

sec-Butylbenzene

Concen: 54.095 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:105 Resp: 569457

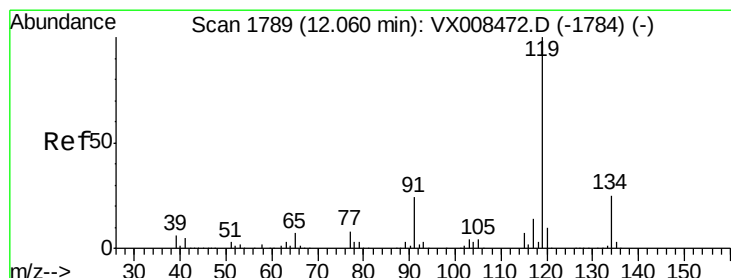
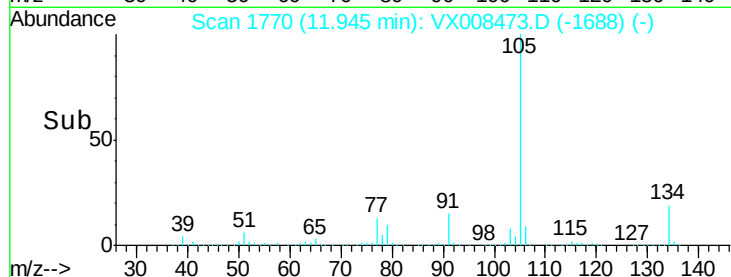
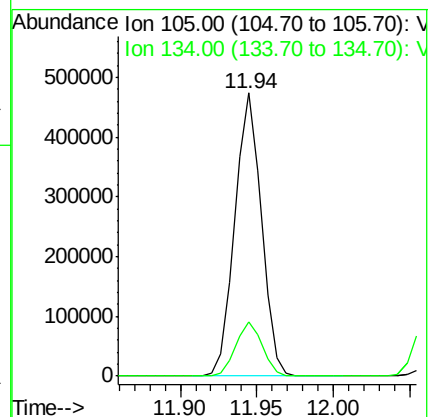
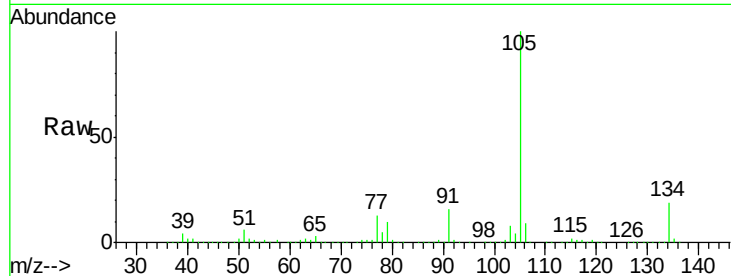
Ion Ratio Lower Upper

105 100

134 19.1 0.0 41.8

Manual Integrations
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3/28/2019 9:37:02 AM



#82

p-Isopropyltoluene

Concen: 52.578 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

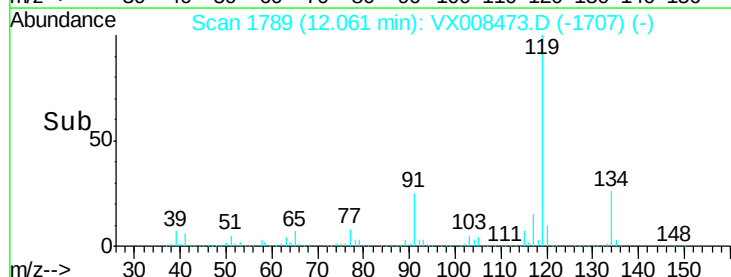
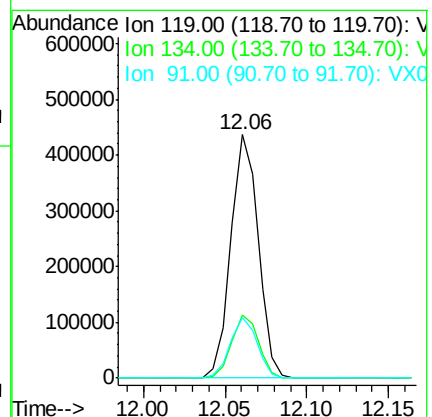
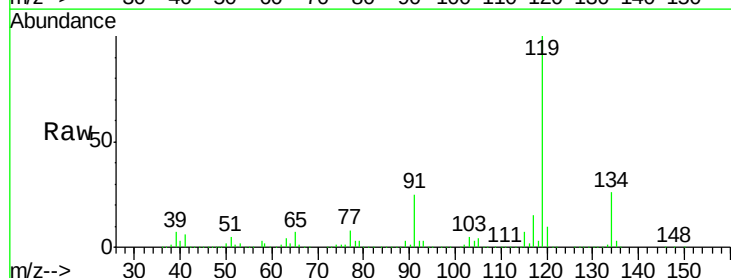
Tgt Ion:119 Resp: 510432

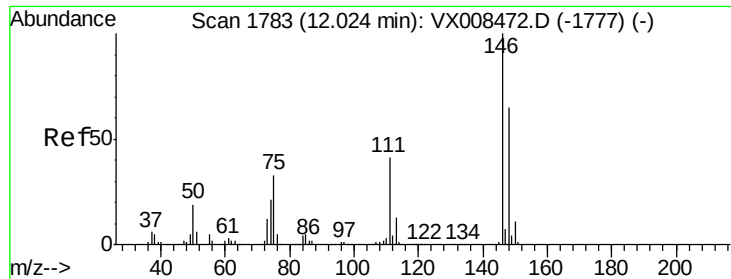
Ion Ratio Lower Upper

119 100

134 25.8 0.0 55.4

91 24.6 0.0 45.0





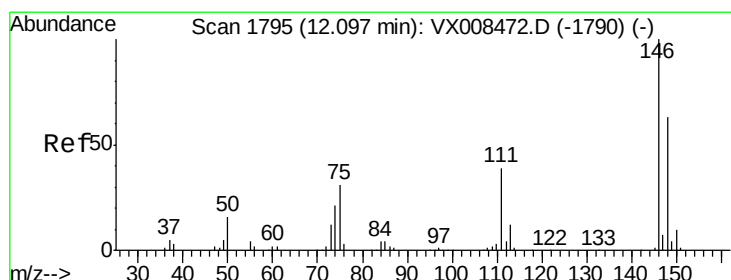
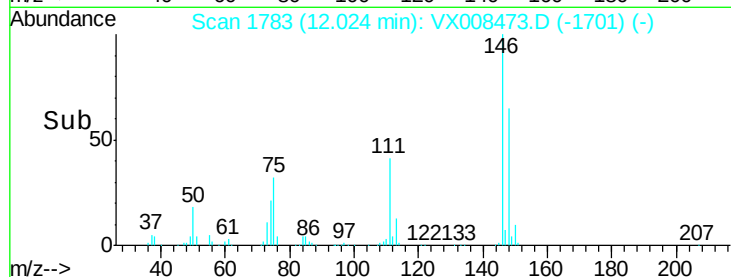
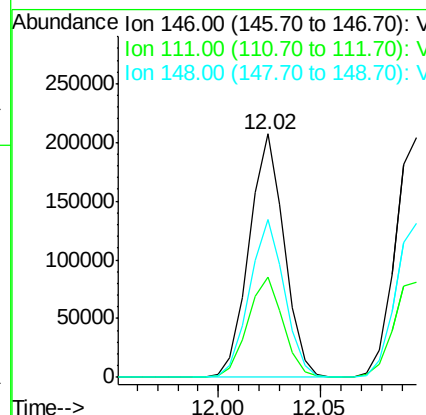
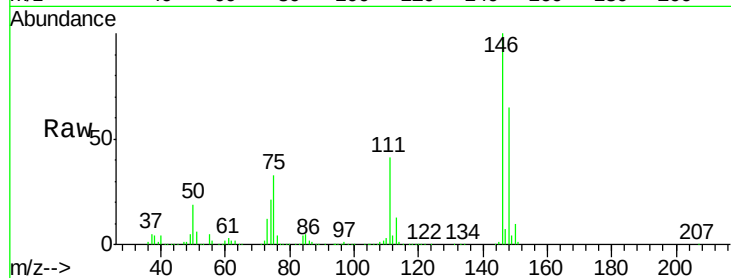
#83
 1,3-Dichlorobenzene
 Concen: 47.661 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.8	56.3
148	64.8	30.6	91.8

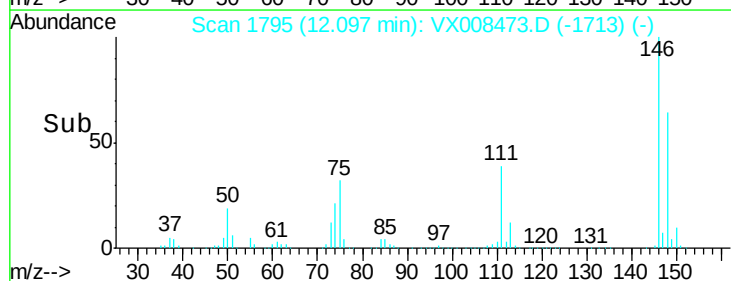
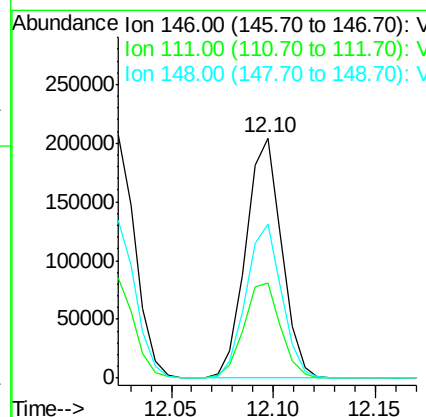
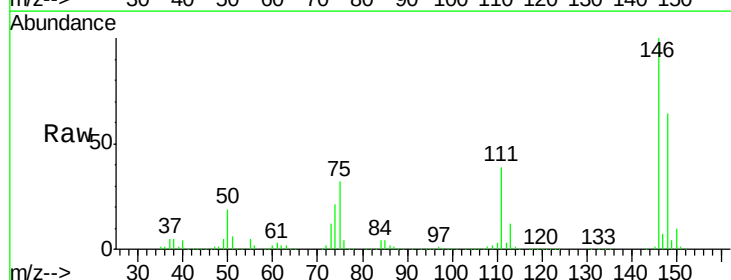
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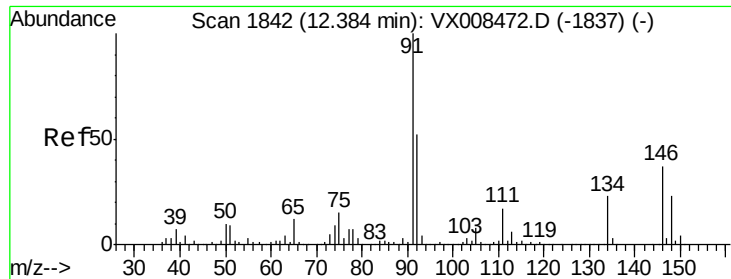
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 48.290 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	17.6	52.8
148	63.9	31.4	94.2





#85

n-Butylbenzene

Concen: 58.578 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 489168

Ion Ratio Lower Upper

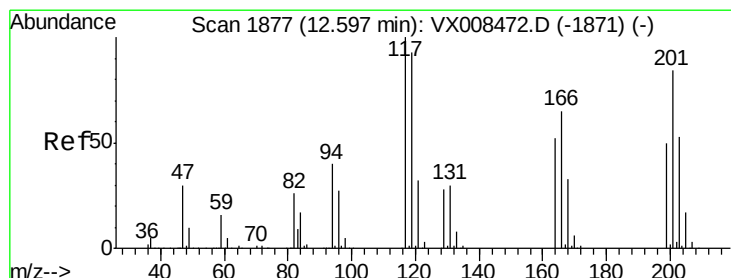
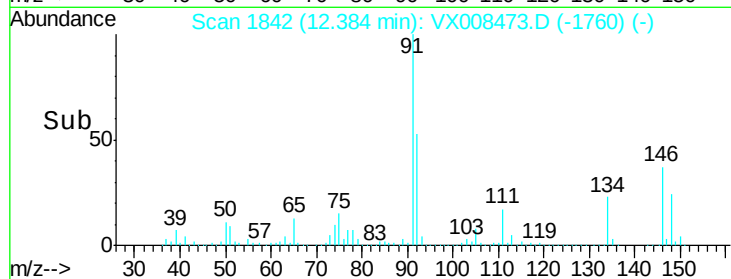
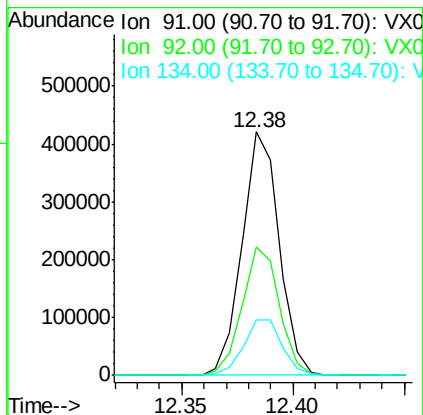
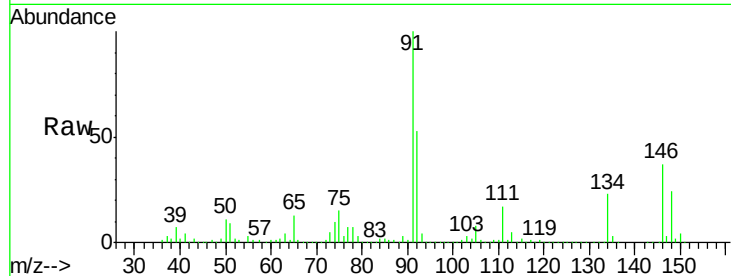
91 100

92 52.9 0.0 105.2

134 24.0 0.0 56.4

Manual Integrations
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3/28/2019 9:37:02 AM



#86

Hexachloroethane

Concen: 51.377 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX008473.D

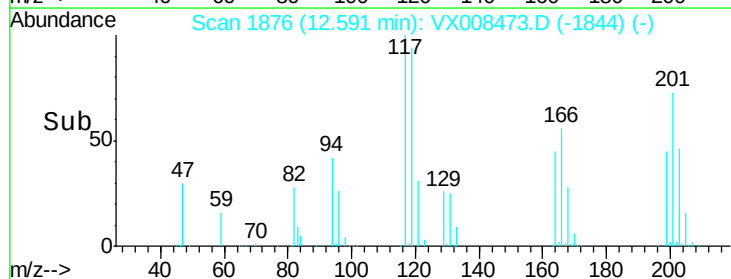
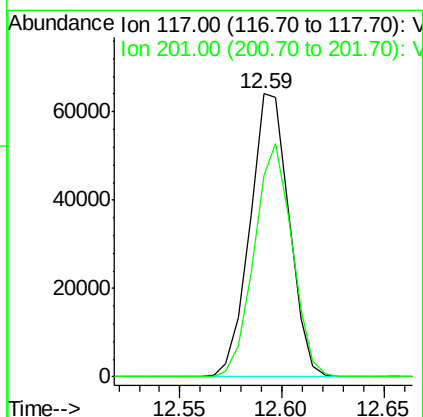
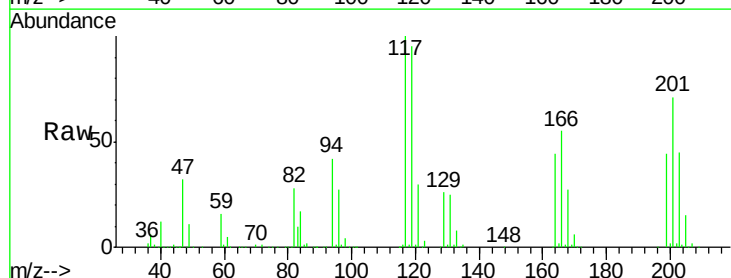
Acq: 27 Mar 2019 10:53

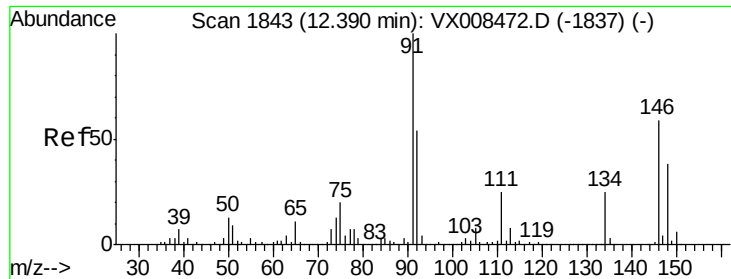
Tgt Ion: 117 Resp: 85962

Ion Ratio Lower Upper

117 100

201 79.5 41.1 123.3





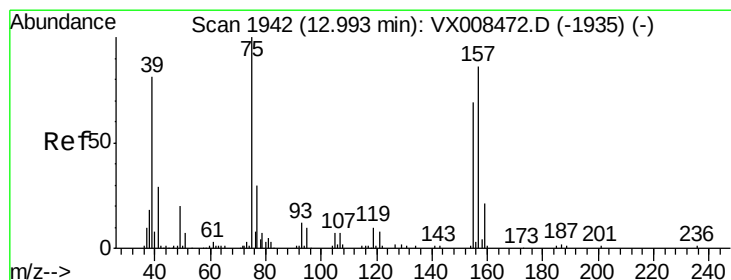
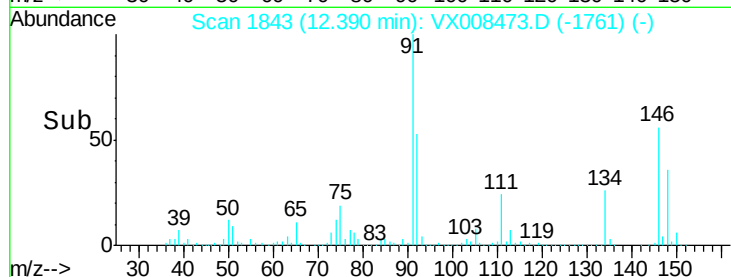
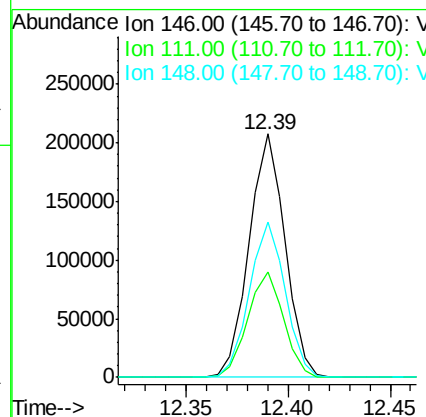
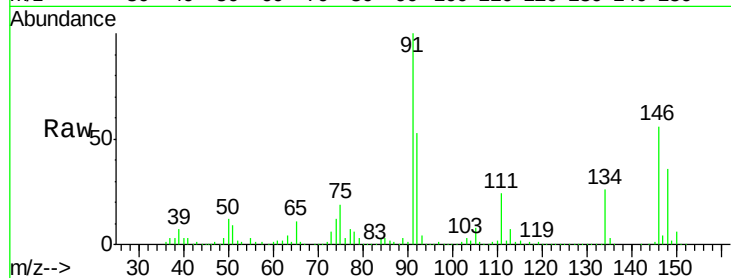
#87
 1,2-Dichlorobenzene
 Concen: 49.685 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.3	57.8
148	64.0	32.1	96.3

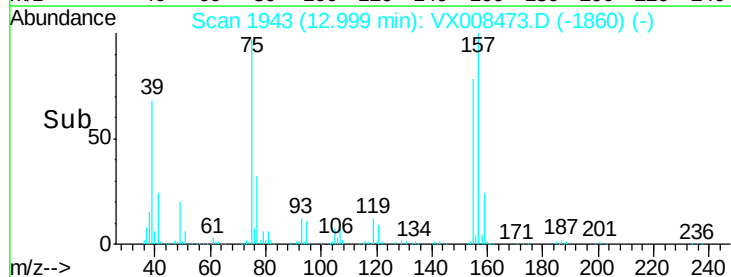
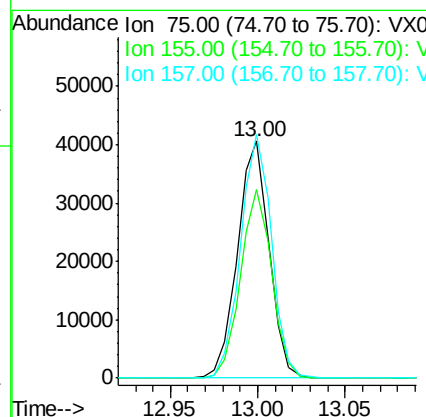
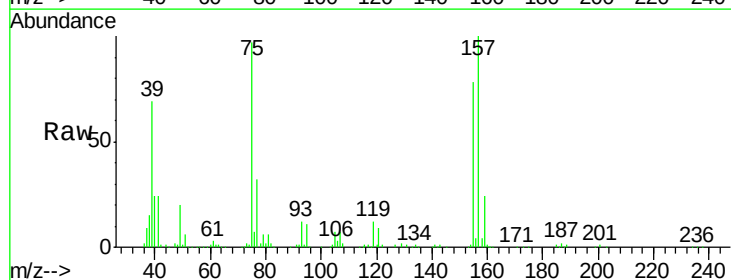
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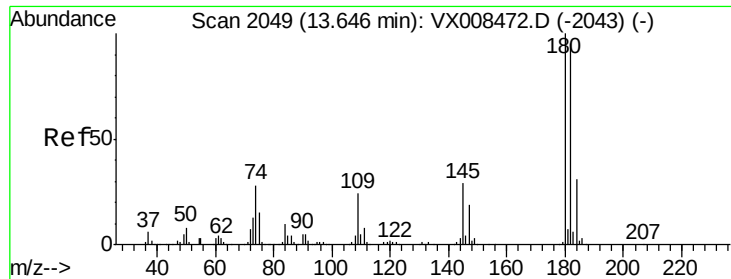
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 60.371 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	81.0	121.6#
157	100.9	103.2	154.8#





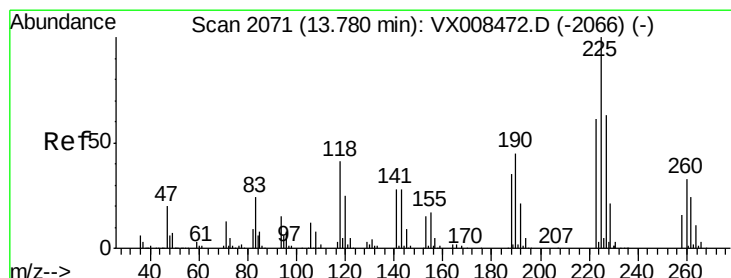
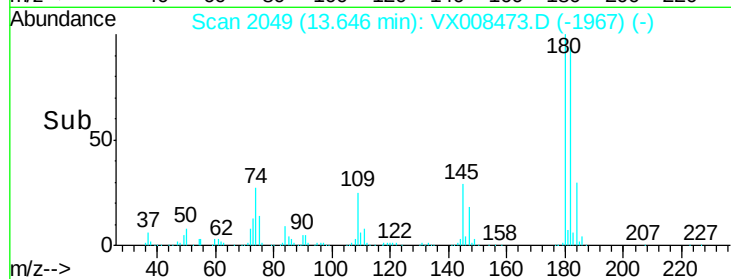
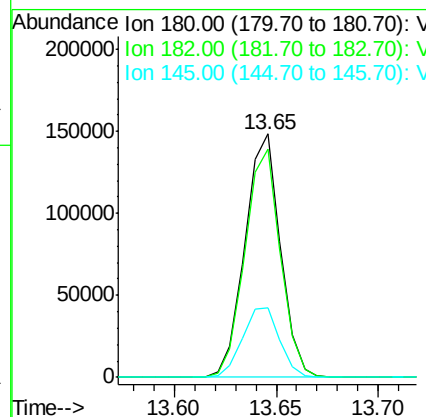
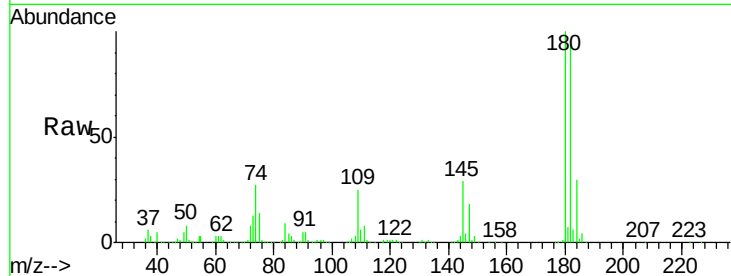
#89
 1,2,4-Trichlorobenzene
 Concen: 49.277 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	178439		
182	94.2		75.6	113.4
145	30.2		23.0	34.6

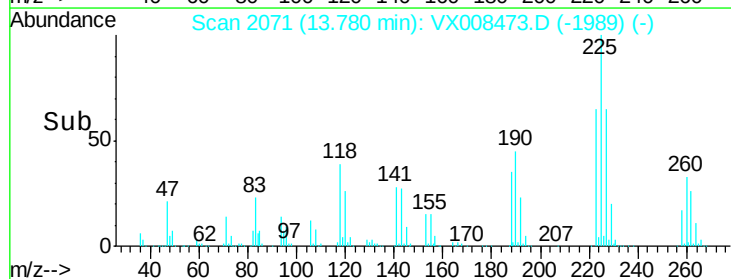
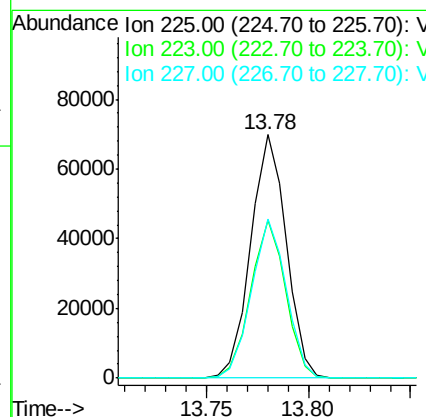
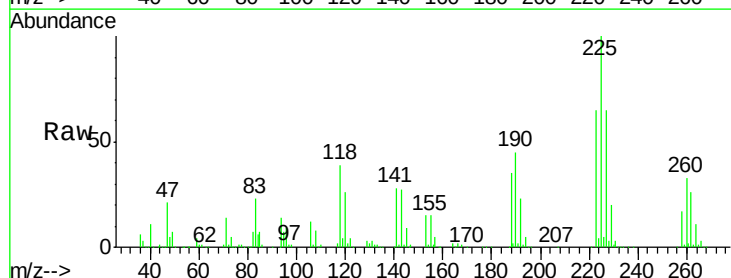
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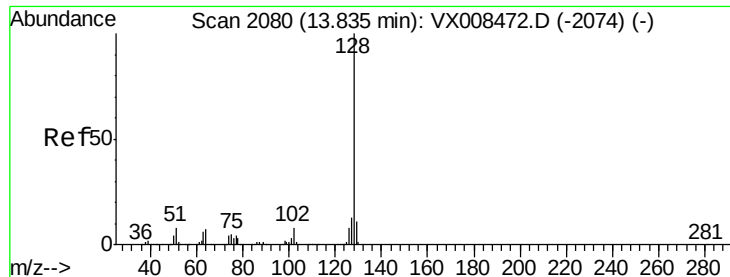
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#90
 Hexachlorobutadiene
 Concen: 46.423 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84625		
223	63.8		0.0	123.8
227	64.2		0.0	124.4





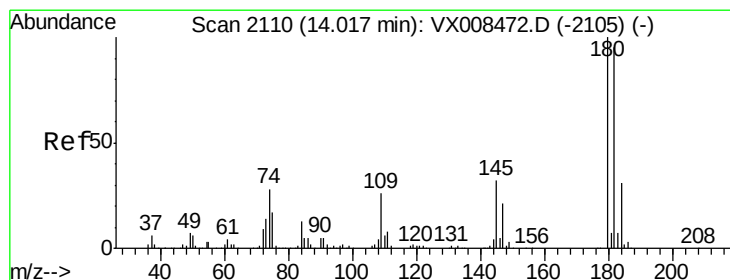
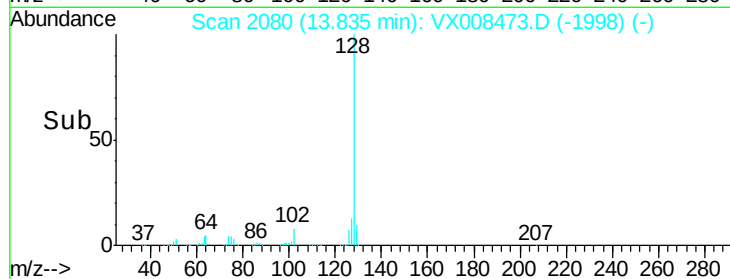
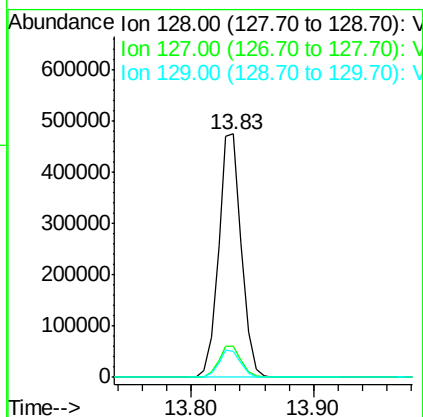
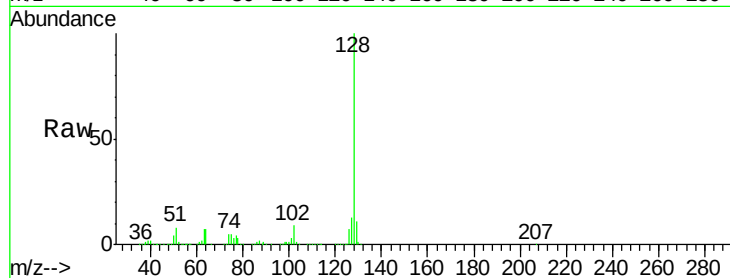
#91
Naphthalene
Concen: 55.946 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 48.434 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	193.0
145	31.9	0.0	63.0

