

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008585.D
 Acq On : 02 Apr 2019 10:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 10:48:24 AM

Quant Time: Apr 02 15:24:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	34943	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	201454	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	175582	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	86608	29.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.77%
60) 4-Bromofluorobenzene	11.13	95	91998	30.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.23%
63) Toluene-d8	8.71	98	259613	31.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	49126	20.560	ug/l 97
3) Chloromethane	1.32	50	62534	19.976	ug/l 97
4) Vinyl Chloride	1.40	62	61518	19.495	ug/l 98
5) Bromomethane	1.64	94	23266	14.230	ug/l 97
6) Chloroethane	1.72	64	38151	18.472	ug/l 97
7) Trichlorofluoromethane	1.93	101	71400	20.386	ug/l 100
8) Diethyl Ether	2.18	74	32731	19.816	ug/l 79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44334	20.326	ug/l 93
10) 1,1-Dichloroethene	2.37	96	44440	20.083	ug/l 81
11) Methyl Iodide	2.51	142	28462	12.422	ug/l 95
12) Methyl Acetate	3.19	43	36885	20.566	ug/l 95
13) Acrolein	2.29	56	46044	89.491	ug/l 98
14) Acrylonitrile	3.14	53	173994	104.935	ug/l 100
15) Acetone	2.44	58	59689	116.735	ug/l 92
16) Carbon Disulfide	2.57	76	135357	19.664	ug/l 99
17) Allyl chloride	2.73	41	101509	20.411	ug/l 92
18) Methylene Chloride	2.85	84	53914	20.382	ug/l # 84
19) trans-1,2-Dichloroethene	3.17	96	47900	20.261	ug/l 88
20) Diisopropyl ether	3.85	45	204238	21.100	ug/l # 94
21) 1,1-Dichloroethane	3.69	63	101526	20.896	ug/l 95
22) cis-1,2-Dichloroethene	4.59	96	55597	20.351	ug/l # 79
23) tert-Butyl Alcohol	3.04	59	67629	101.005	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	167911	20.647	ug/l 99
25) Chloroform	5.21	83	91628	20.820	ug/l 95
26) Cyclohexane	5.57	56	99805	21.144	ug/l # 81
29) 1,1-Dichloropropene	5.79	75	71577	21.119	ug/l 93
30) 2-Butanone	4.67	43	276761	111.050	ug/l 93
31) 2,2-Dichloropropane	4.58	77	71101	21.005	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	74211	21.086	ug/l 95
33) Carbon Tetrachloride	5.78	117	60645	20.595	ug/l 99
34) Benzene	6.14	78	216083	20.857	ug/l # 96
35) Methacrylonitrile	5.04	41	53714	21.194	ug/l 92
36) 1,2-Dichloroethane	6.19	62	77602	21.010	ug/l 98
37) Trichloroethene	7.21	130	50409	21.158	ug/l 83
38) Methylcyclohexane	7.46	83	90388	21.165	ug/l 88
39) 1,2-Dichloropropane	7.51	63	60785	20.686	ug/l 96
40) Dibromomethane	7.66	93	35474	20.840	ug/l 89

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

41) Bromodichloromethane	7.90	83	68926	20.594	ug/l	98
42) Vinyl Acetate	3.81	43	895233	105.965	ug/l #	94
43) Ethyl Acetate	4.83	43	94931	21.164	ug/l #	82
44) Isopropyl Acetate	6.44	43	151184	20.844	ug/l	98
45) 1,4-Dioxane	7.74	88	29182	404.158	ug/l #	81
46) Methyl methacrylate	7.77	41	75978	20.625	ug/l	87
47) n-amyl Acetate	10.90	43	131856	20.013	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	75350	19.932	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	86817	20.532	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	51898	20.534	ug/l	96
51) Ethyl methacrylate	9.18	69	94815	20.159	ug/l	89
52) 1,3-Dichloropropane	9.37	76	93640	20.825	ug/l	100
53) Dibromochloromethane	9.58	129	49561	19.926	ug/l	99
54) 1,2-Dibromoethane	9.67	107	53422	20.504	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	240361	101.297	ug/l #	94
56) Bromoform	10.85	173	34301	18.923	ug/l #	97
58) 4-Methyl-2-Pentanone	8.64	43	498363	107.588	ug/l #	95
59) 2-Hexanone	9.49	43	401226	109.636	ug/l	97
61) Tetrachloroethene	9.34	164	43927	22.872	ug/l	98
62) Toluene	8.78	91	228347	21.480	ug/l	99
64) Chlorobenzene	10.13	112	132609	21.289	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	46239	21.054	ug/l	97
66) Ethyl Benzene	10.25	91	249362	21.133	ug/l	95
67) m/p-Xylenes	10.35	106	181165	42.094	ug/l	91
68) o-Xylene	10.69	106	87508	20.778	ug/l	91
69) Styrene	10.71	104	152147	20.761	ug/l	95
70) Isopropylbenzene	11.02	105	237300	21.360	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	87693	21.130	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	75694m	21.577	ug/l	
73) Bromobenzene	11.26	156	54882	20.764	ug/l	77
74) n-propylbenzene	11.36	91	277632	20.977	ug/l	94
75) 2-Chlorotoluene	11.42	91	166449	21.139	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	199700	21.025	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	26662	19.814	ug/l	96
78) 4-Chlorotoluene	11.51	91	188311	20.780	ug/l	90
79) tert-butylbenzene	12.06	119	203830	20.999	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	198408	20.950	ug/l	95
81) sec-Butylbenzene	11.94	105	228672	21.072	ug/l	95
82) p-Isopropyltoluene	12.06	119	203830	20.999	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	97993	20.883	ug/l	94
84) 1,4-Dichlorobenzene	12.10	146	97298	20.749	ug/l	96
85) n-Butylbenzene	12.38	91	189185	20.513	ug/l	96
86) Hexachloroethane	12.59	117	32942	20.312	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	98378	20.807	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	19034	20.692	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	68703	21.065	ug/l	99
90) Hexachlorobutadiene	13.78	225	33166	21.108	ug/l	98
91) Naphthalene	13.83	128	235485	21.074	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	70459	21.447	ug/l	100

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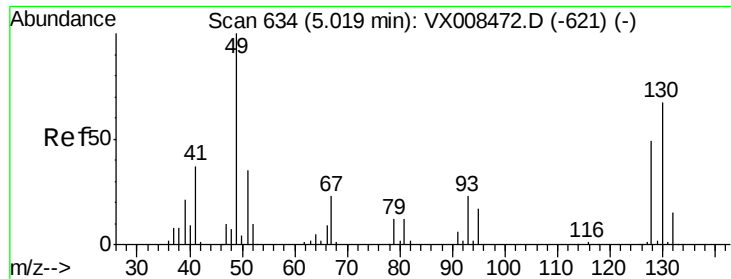
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:128 Resp: 34943

Ion Ratio Lower Upper

128 100

49 205.8 0.0 350.8

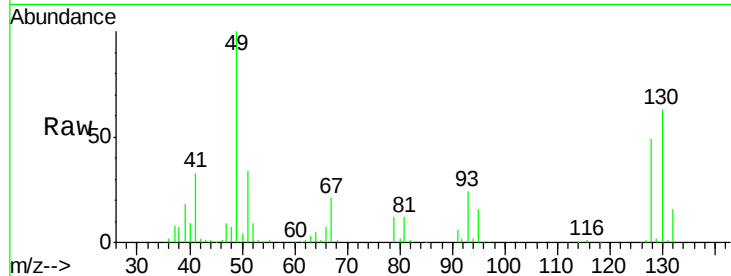
130 128.0 0.0 325.8

Manual Integrations

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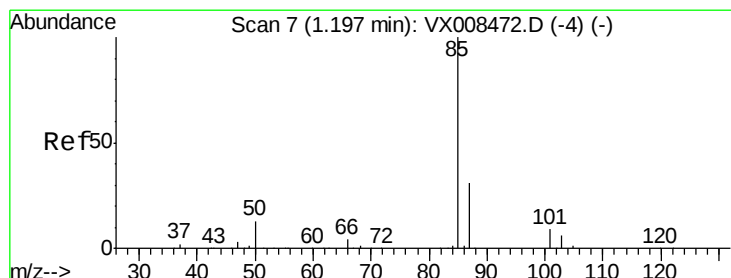
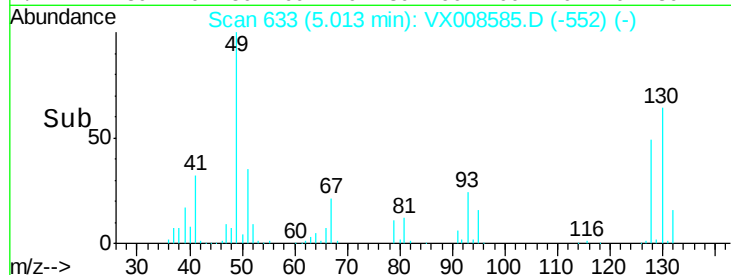
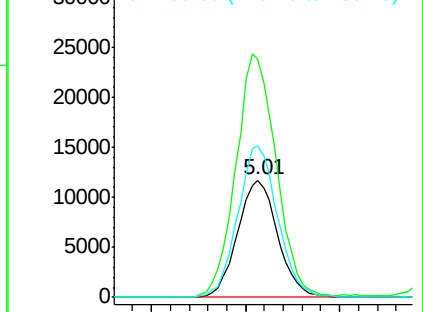
4/3/2019 10:48:24 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.560 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008585.D

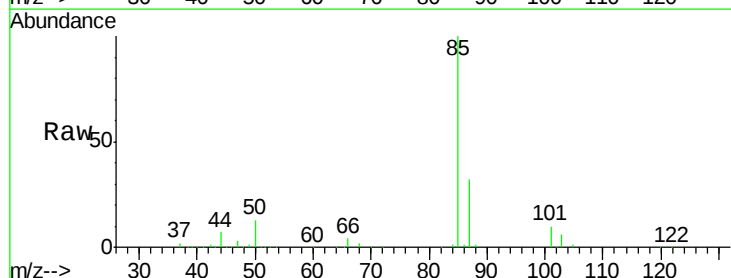
Acq: 02 Apr 2019 10:20

Tgt Ion: 85 Resp: 49126

Ion Ratio Lower Upper

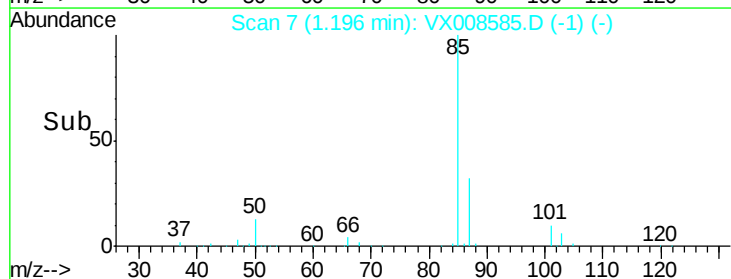
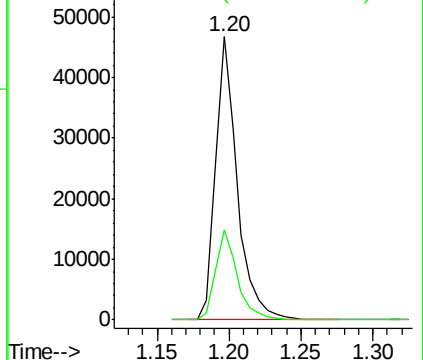
85 100

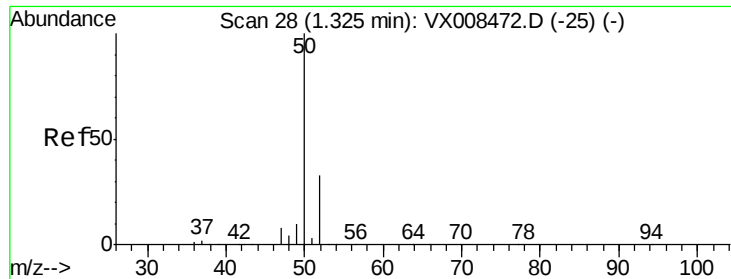
87 31.6 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.976 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 62534

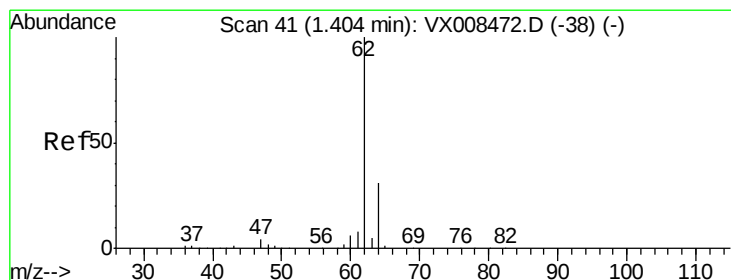
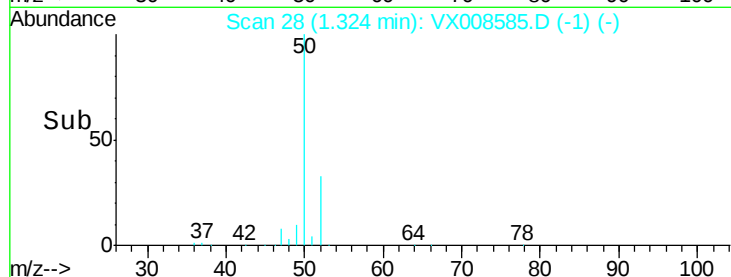
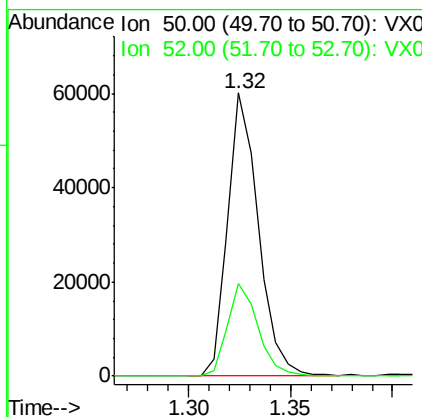
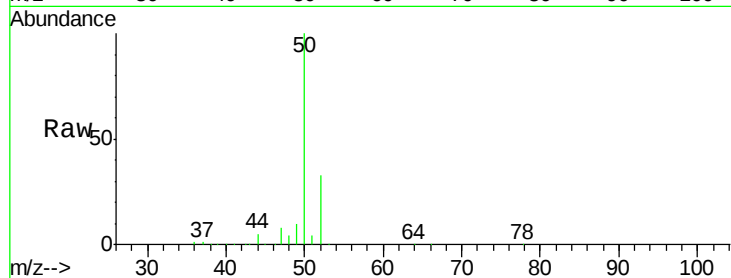
Ion Ratio Lower Upper

50 100

52 32.9 27.5 41.3

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#4

Vinyl Chloride

Concen: 19.495 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008585.D

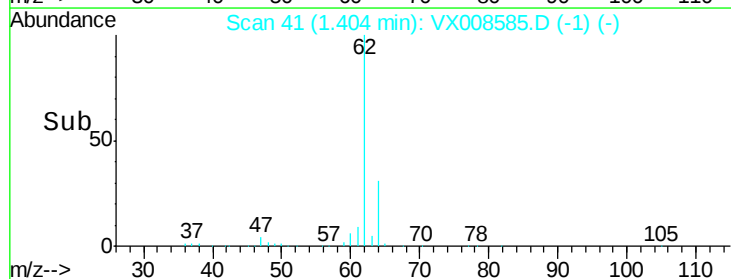
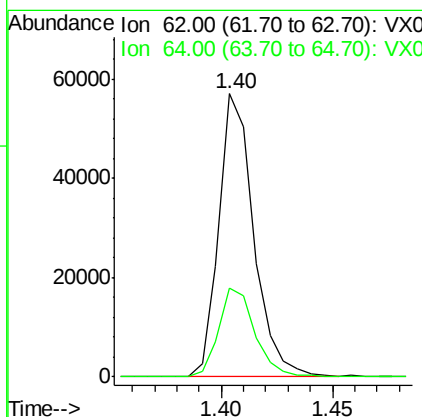
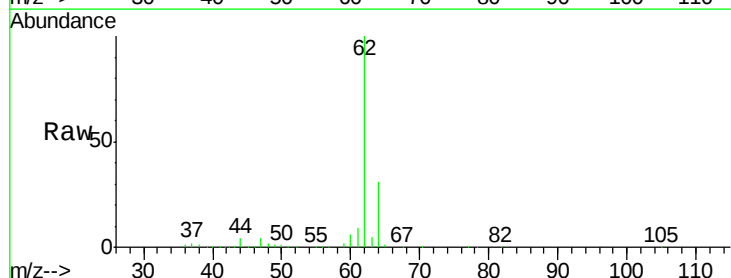
Acq: 02 Apr 2019 10:20

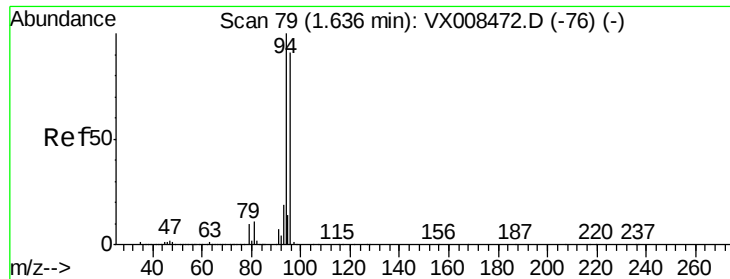
Tgt Ion: 62 Resp: 61518

Ion Ratio Lower Upper

62 100

64 31.1 25.9 38.9





#5

Bromomethane

Concen: 14.230 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 23266

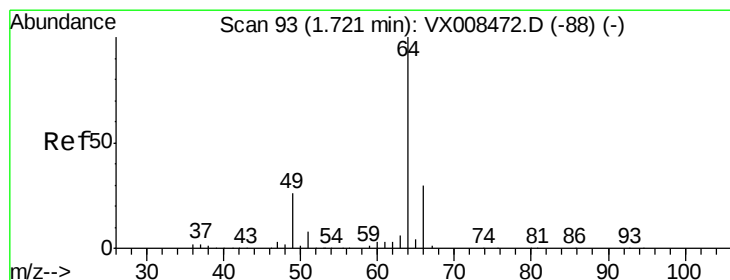
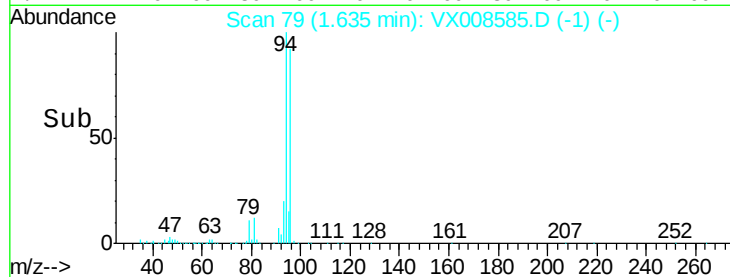
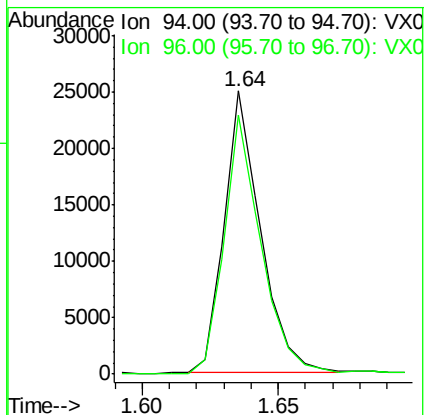
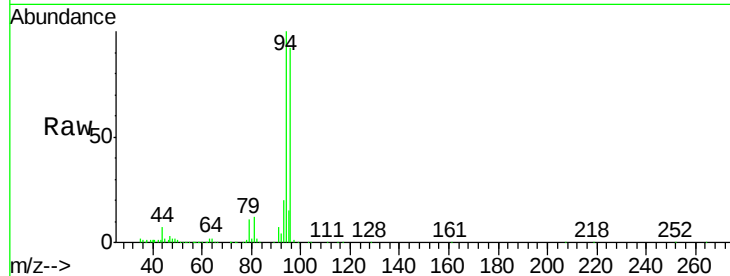
Ion Ratio Lower Upper

94 100

96 91.7 75.6 113.4

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#6

Chloroethane

Concen: 18.472 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008585.D

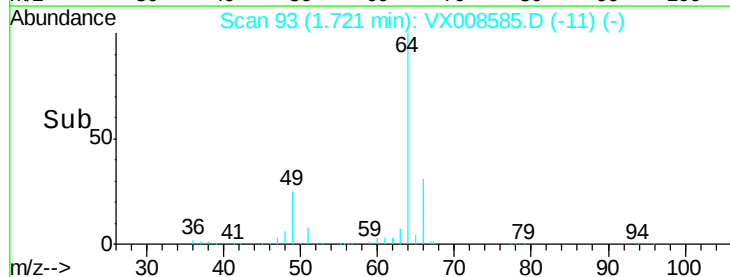
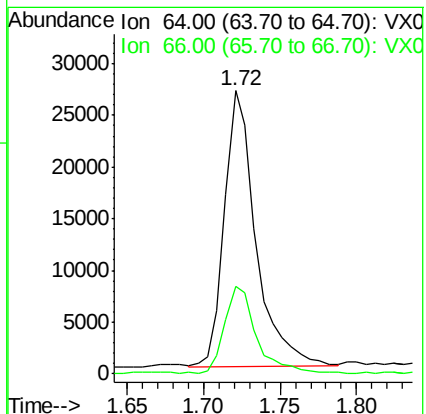
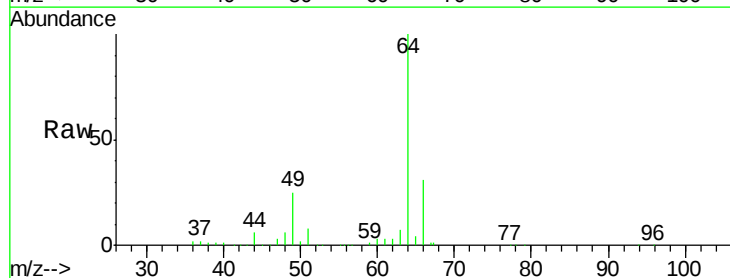
Acq: 02 Apr 2019 10:20

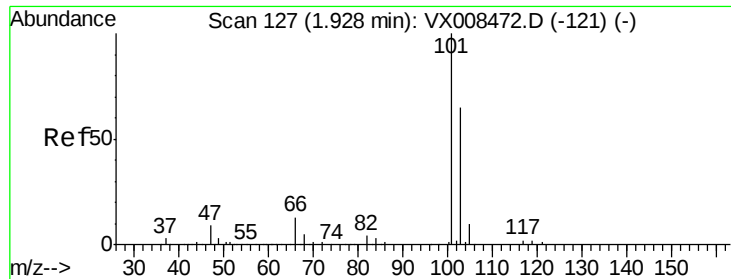
Tgt Ion: 64 Resp: 38151

Ion Ratio Lower Upper

64 100

66 31.5 23.9 35.9





#7

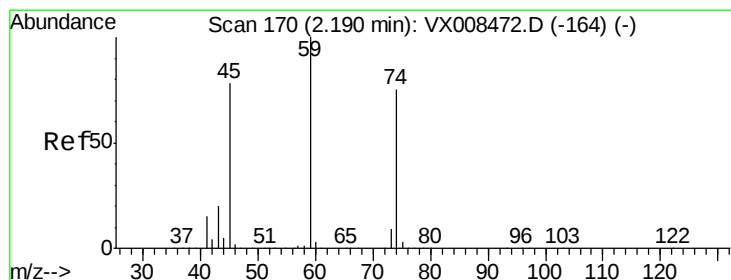
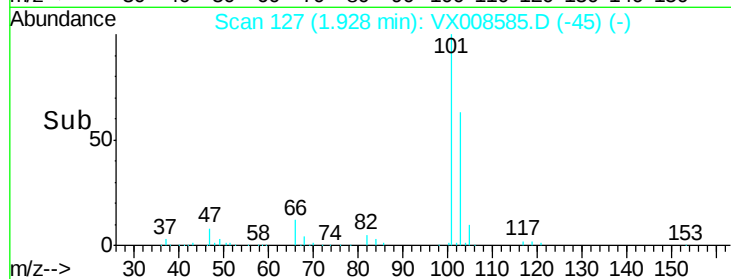
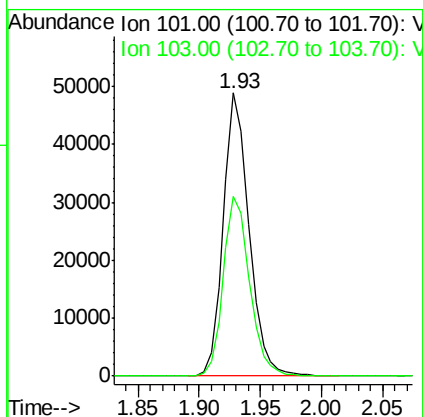
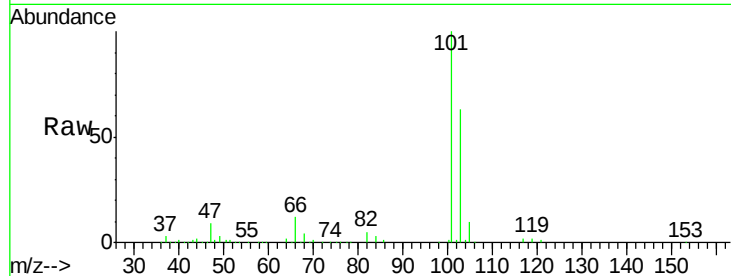
Trichlorofluoromethane
 Concen: 20.386 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	50.4	75.6

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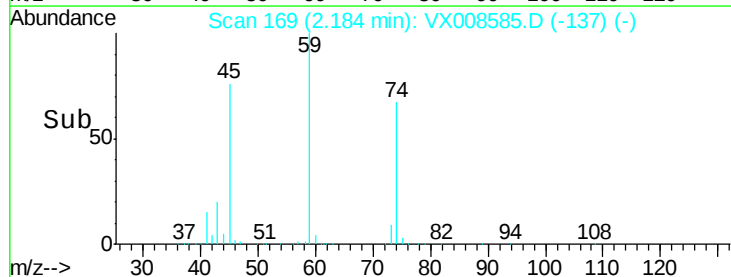
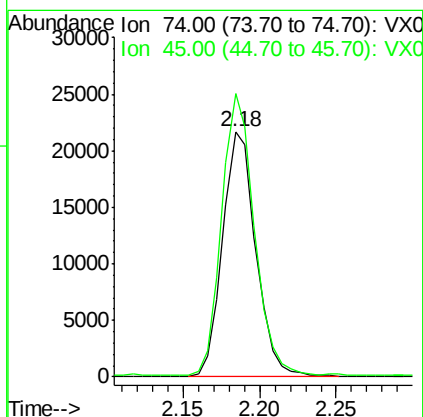
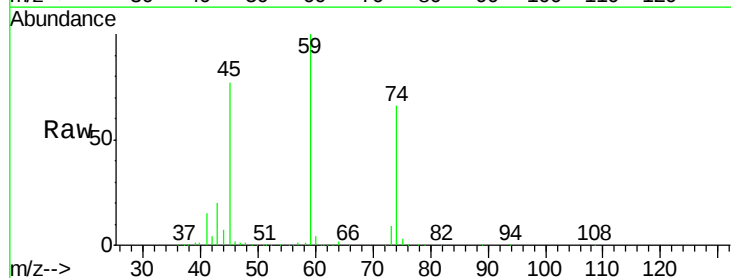
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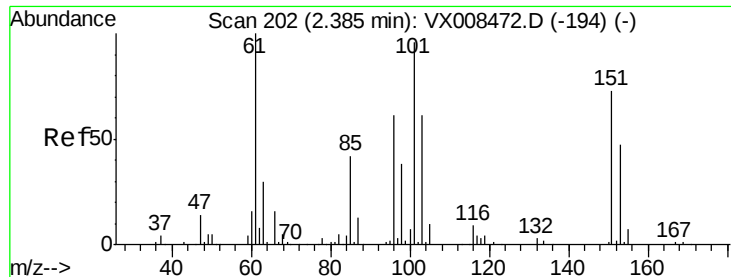


#8

Diethyl Ether
 Concen: 19.816 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.4	18.6	167.8





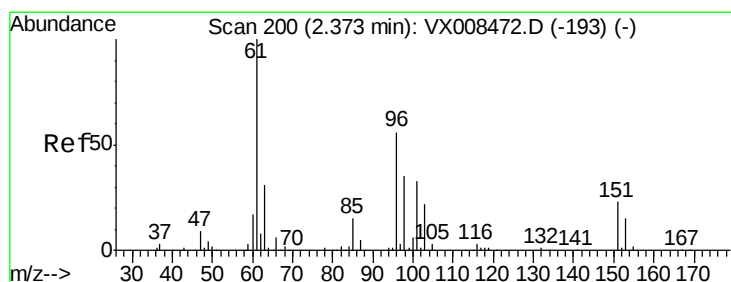
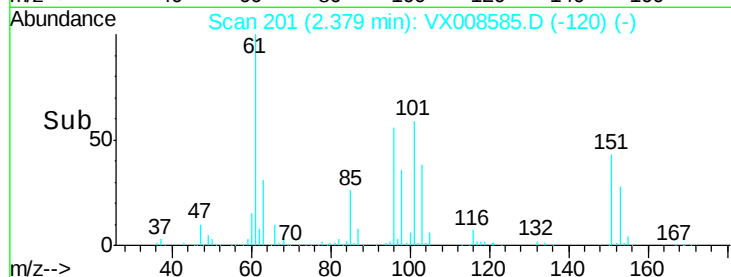
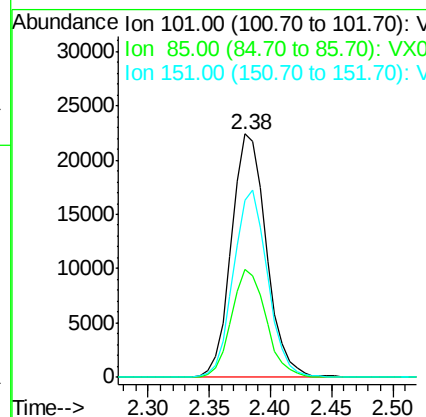
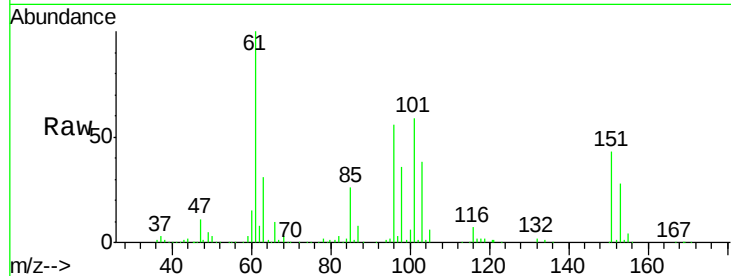
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.326 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.2	0.0	86.8
151	75.2	0.0	169.2

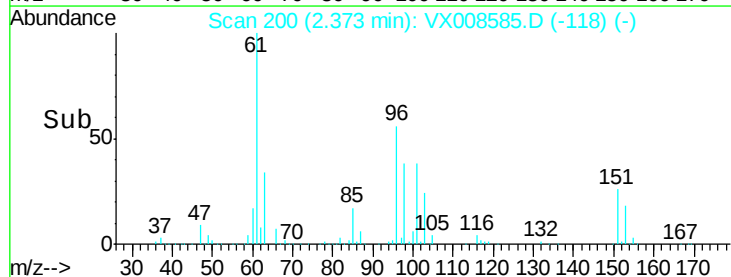
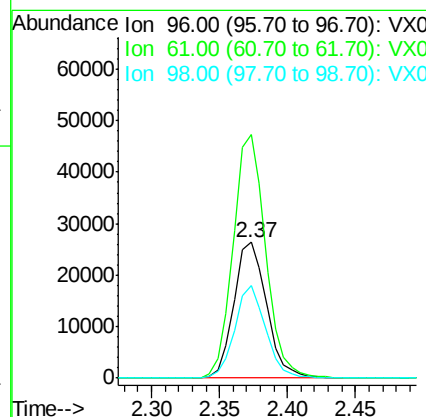
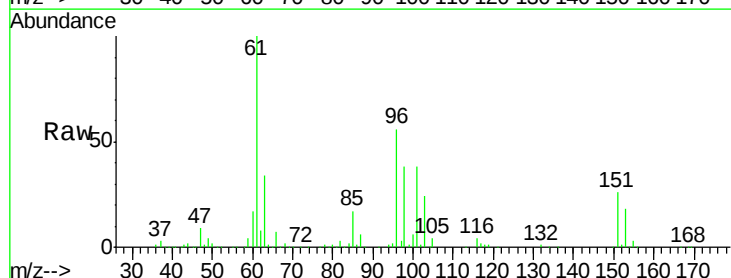
Manual Integrations
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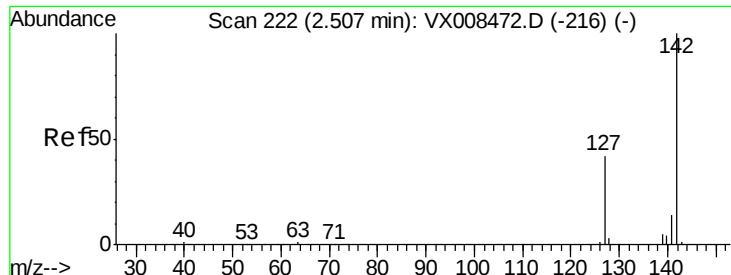
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#10
 1,1-Dichloroethene
 Concen: 20.083 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.1	120.2	180.2
98	67.7	49.0	73.4





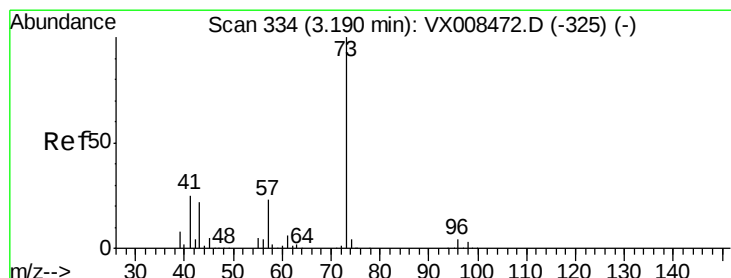
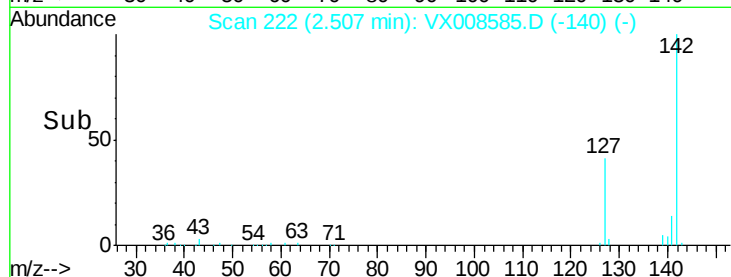
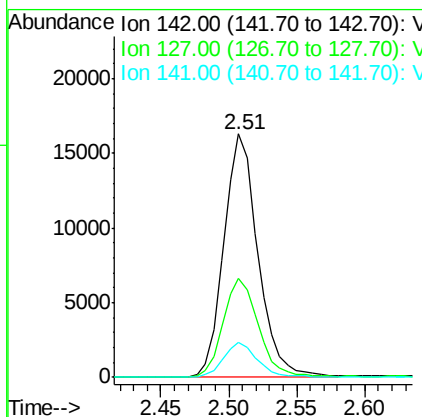
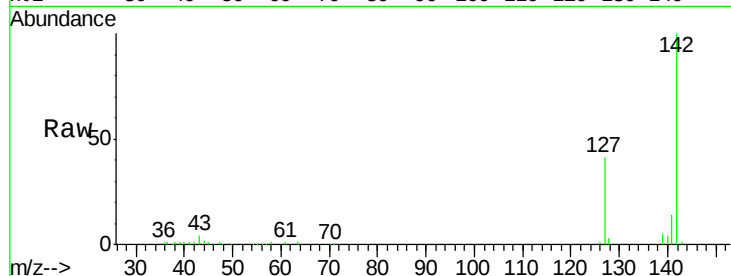
#11
Methyl Iodide
Concen: 12.422 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.8	22.1	66.5
141	14.2	7.4	22.3

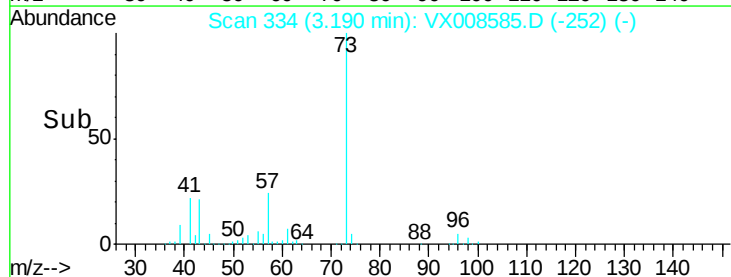
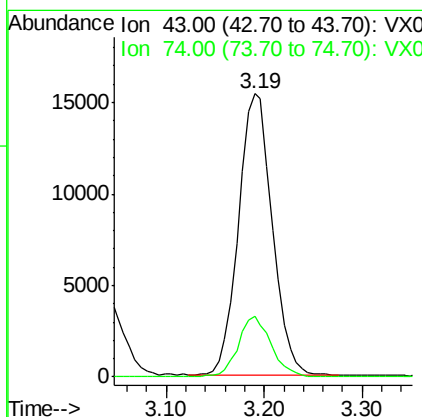
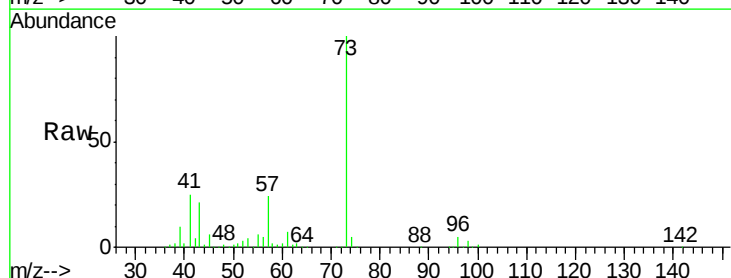
Manual Integrations
APPROVED

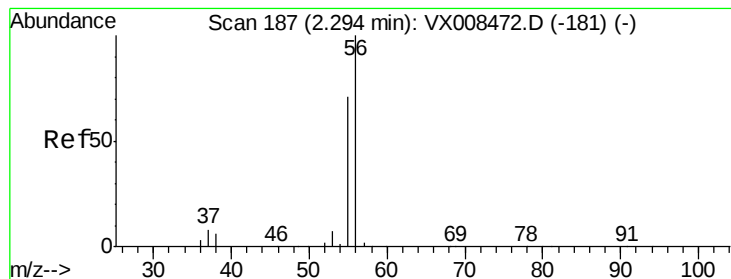
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#12
Methyl Acetate
Concen: 20.566 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	19.4	29.0





#13

Acrolein

Concen: 89.491 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 46044

Ion Ratio Lower Upper

56 100

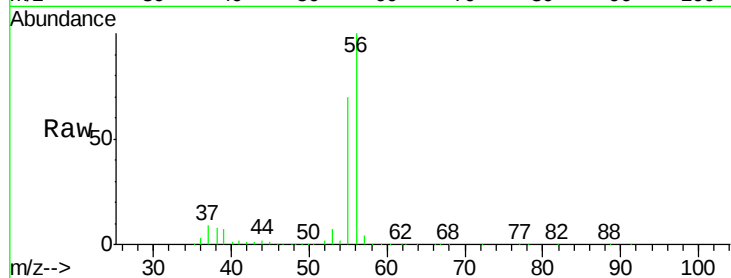
55 71.8 58.6 87.8

Manual Integrations

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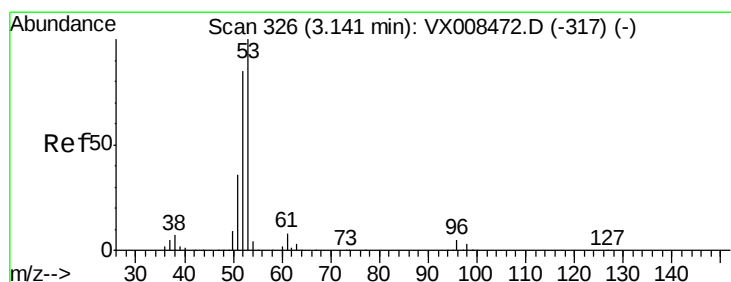
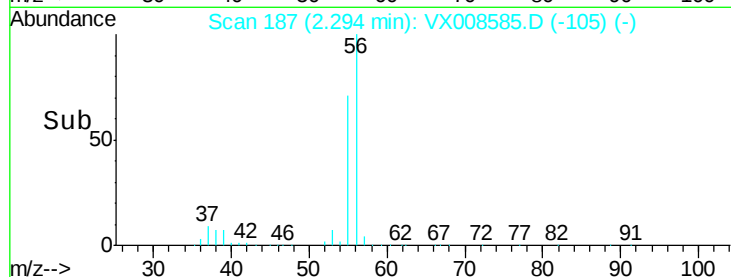
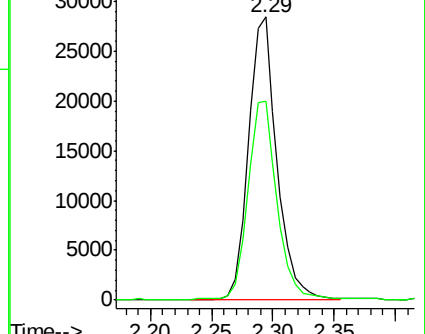
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 104.935 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

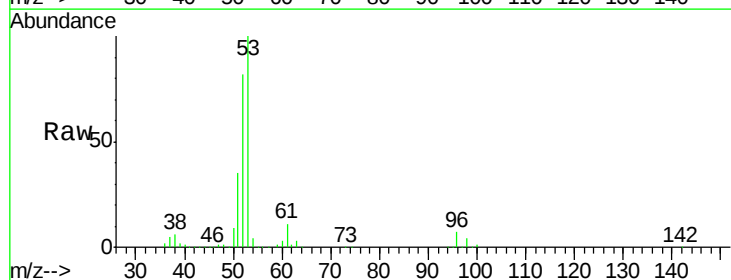
Tgt Ion: 53 Resp: 173994

Ion Ratio Lower Upper

53 100

52 82.8 41.3 124.1

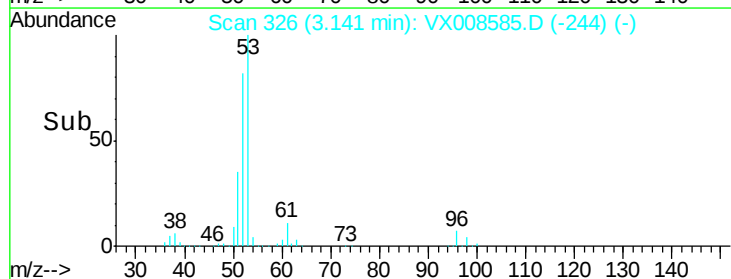
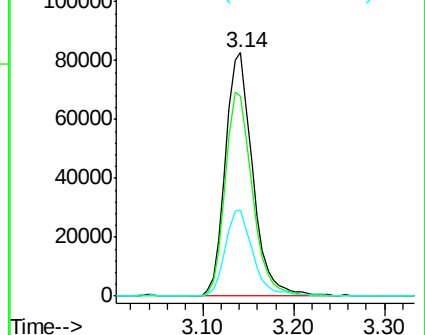
51 35.6 17.5 52.6

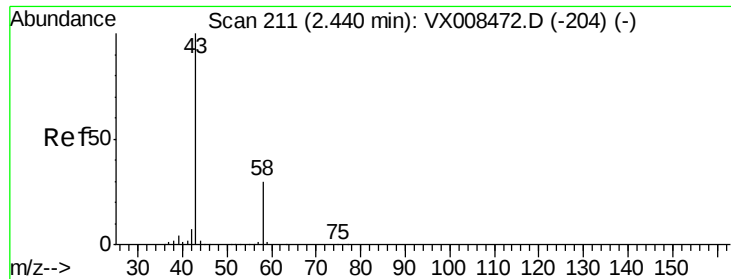


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 116.735 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 58 Resp: 59689

Ion Ratio Lower Upper

58 100

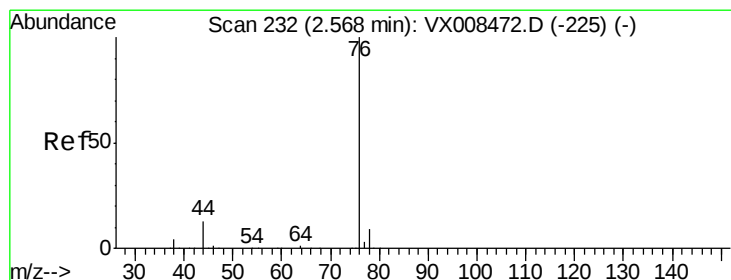
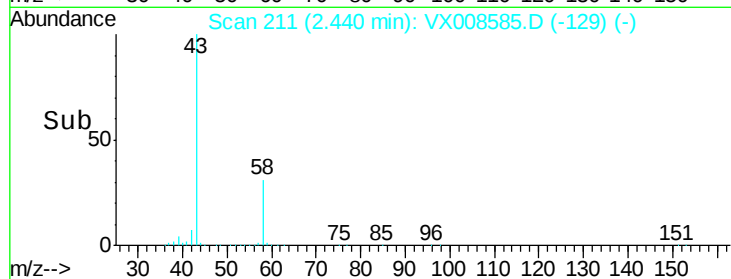
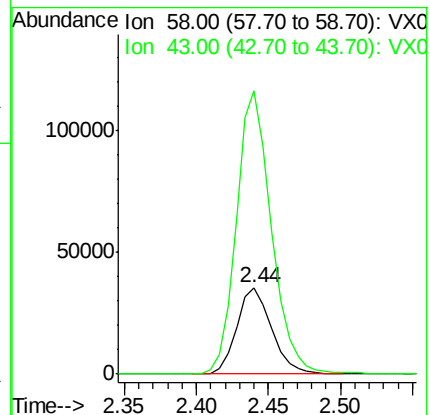
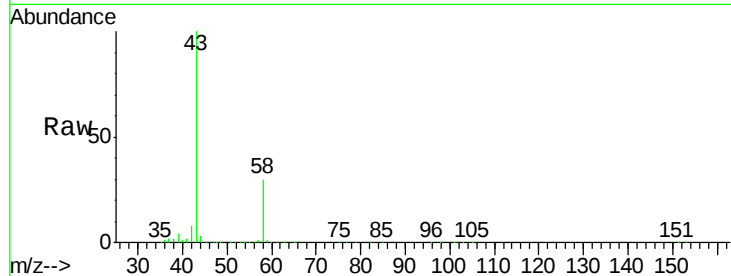
43 328.2 249.8 374.6

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.664 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008585.D

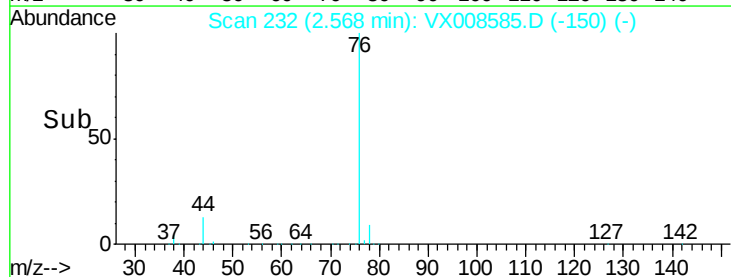
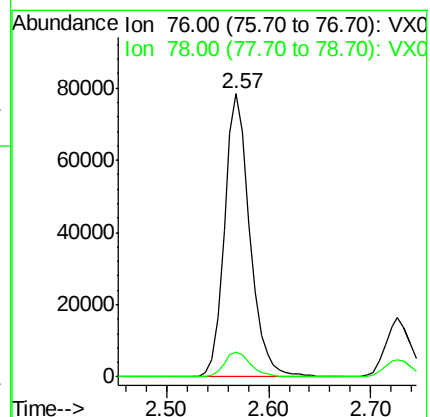
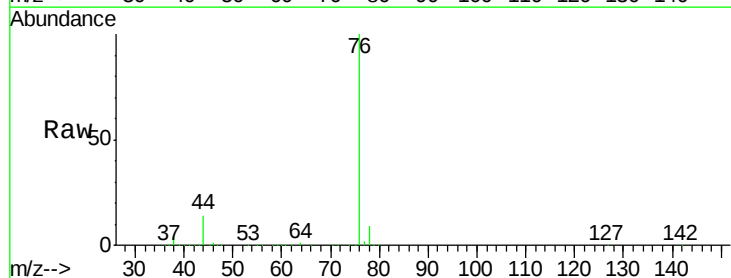
Acq: 02 Apr 2019 10:20

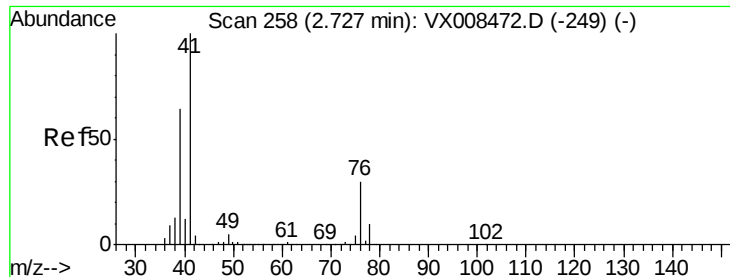
Tgt Ion: 76 Resp: 135357

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





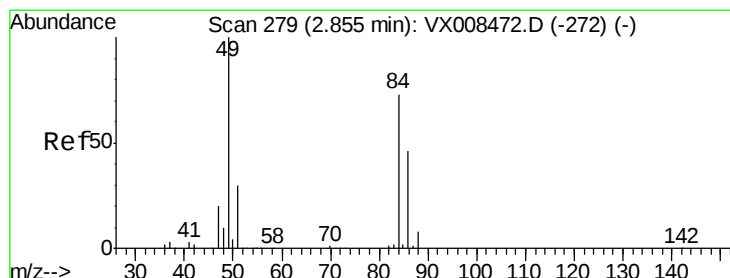
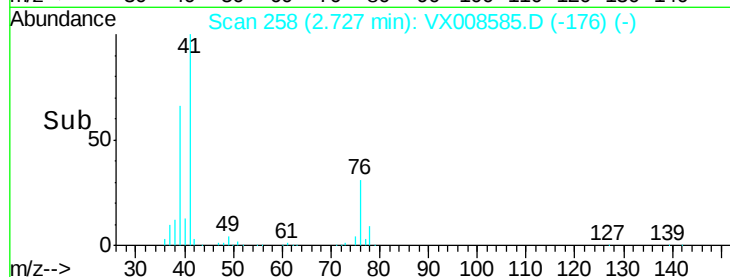
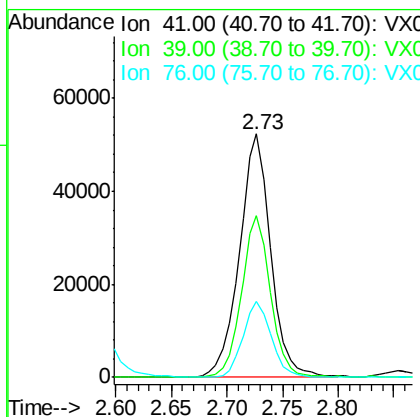
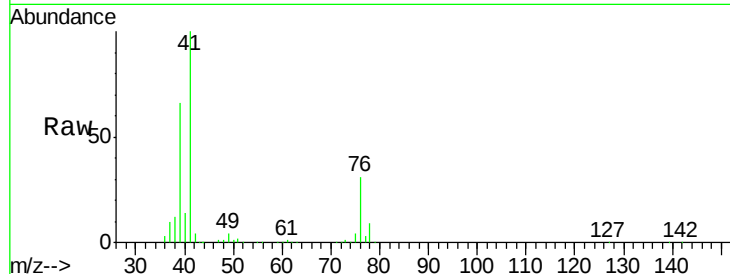
#17
Allvl chloride
Concen: 20.411 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.2	35.8	107.4
76	31.0	18.3	54.9

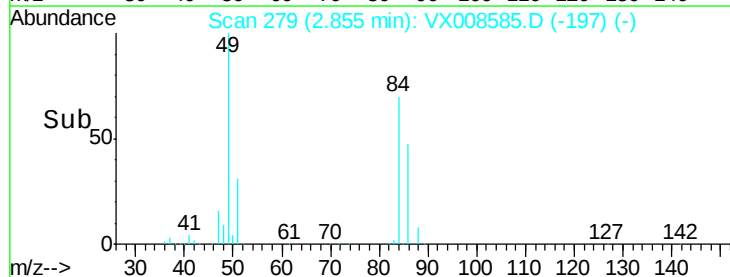
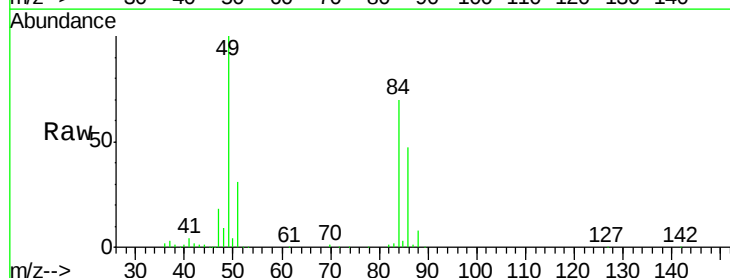
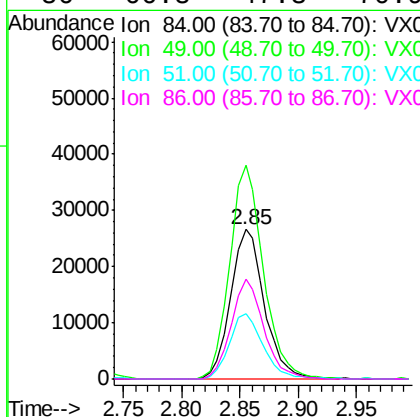
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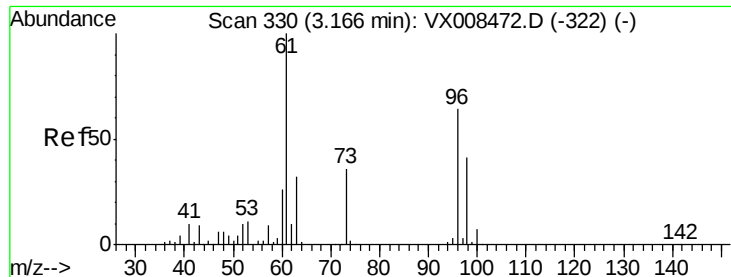
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#18
Methylene Chloride
Concen: 20.382 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.6	96.1	144.1
51	43.9	29.1	43.7#
86	66.8	47.3	70.9





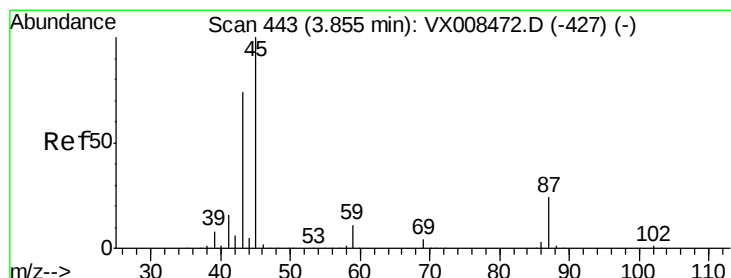
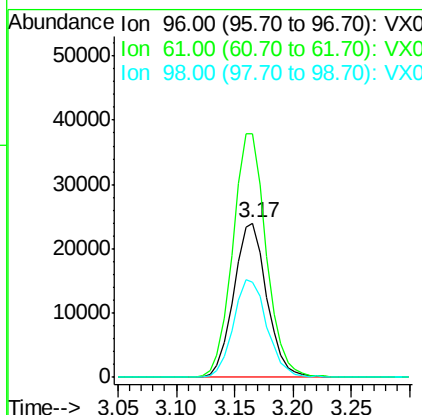
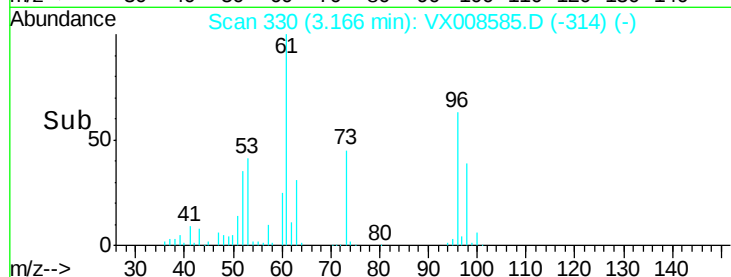
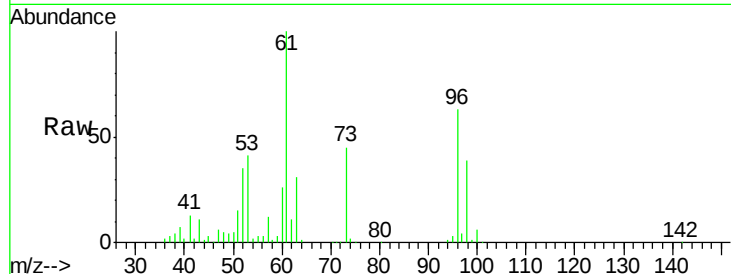
#19
trans-1,2-Dichloroethene
Concen: 20.261 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.5	109.9	164.9
98	61.9	50.4	75.6

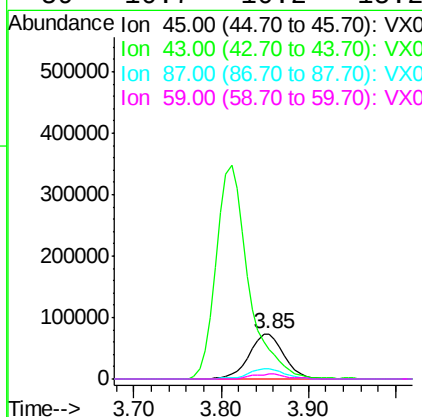
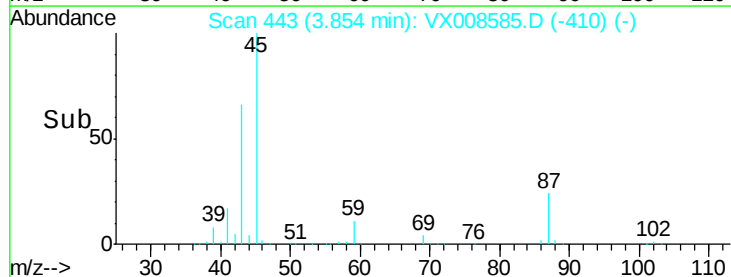
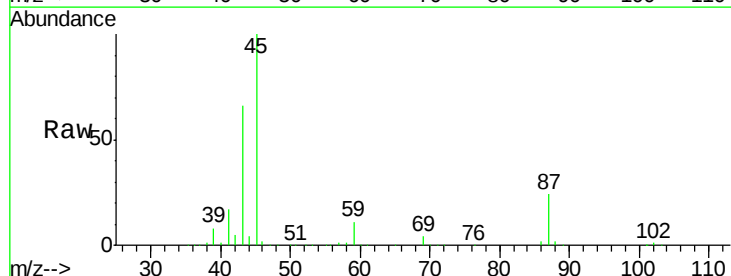
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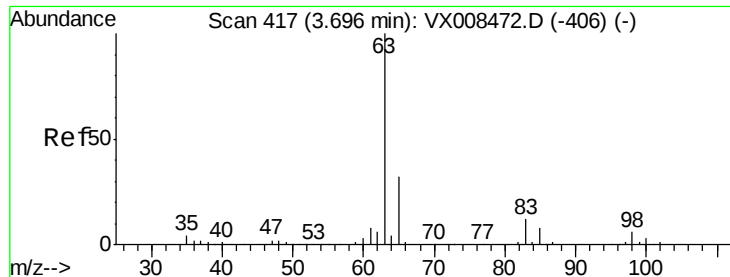
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#20
Diisopropyl ether
Concen: 21.100 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.9	50.6	76.0
87	23.6	24.5	36.7#
59	10.7	10.2	15.2





#21

1,1-Dichloroethane

Concen: 20.896 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

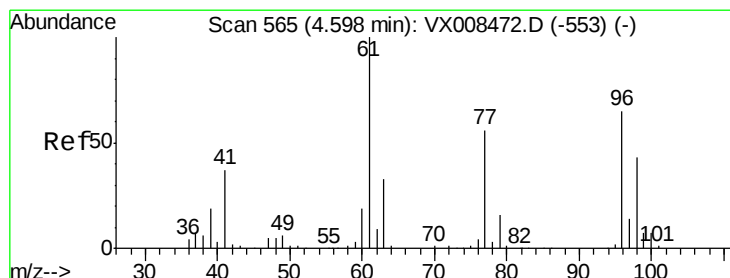
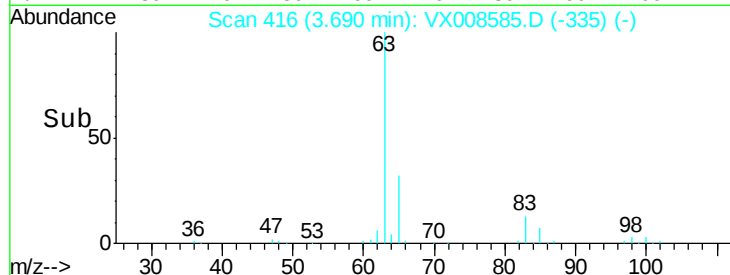
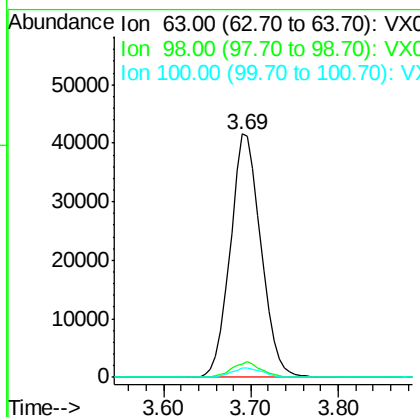
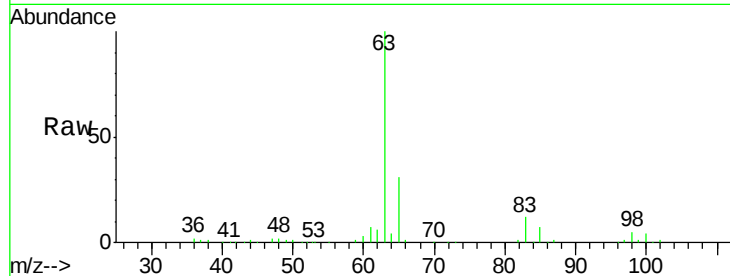
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	101526
Ion Ratio		Lower	Upper
63	100		
98	5.3	3.8	11.4
100	3.9	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 20.351 ug/l

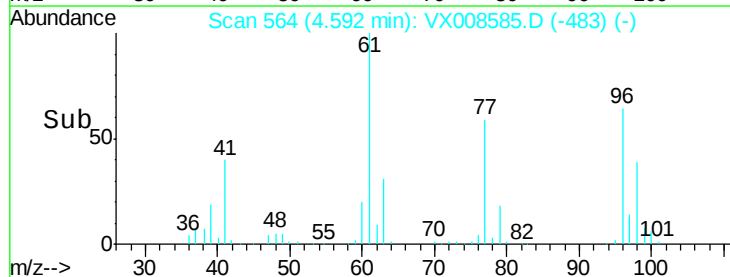
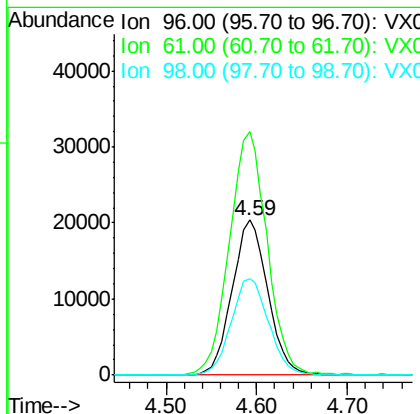
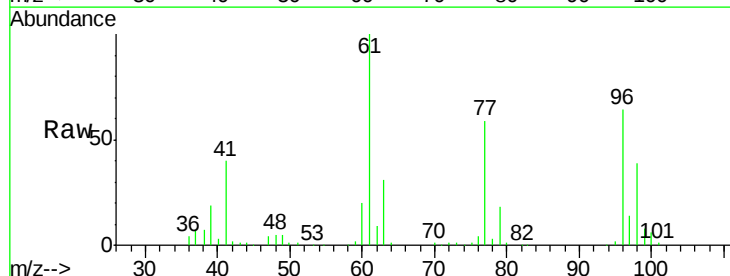
RT: 4.59 min Scan# 564

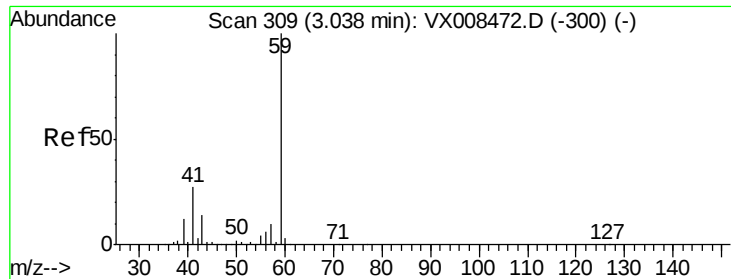
Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Tgt Ion:	96	Resp:	55597
Ion Ratio		Lower	Upper
96	100		
61	165.9	103.5	155.3#
98	65.3	52.1	78.1





#23

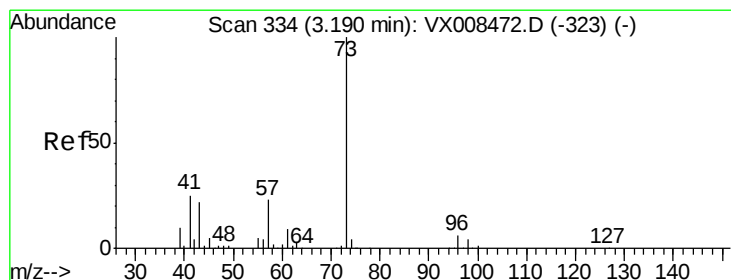
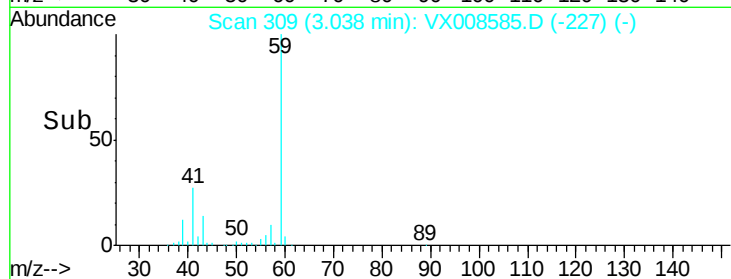
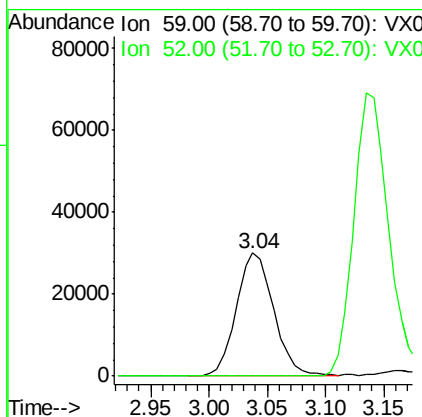
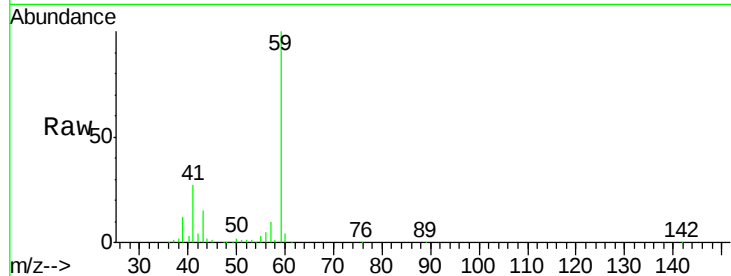
tert-Butyl Alcohol
 Concen: 101.005 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 59 Resp: 67629
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

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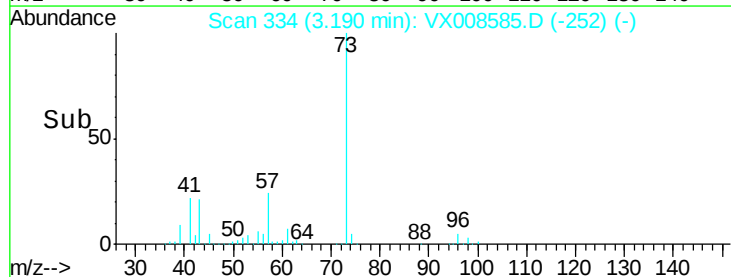
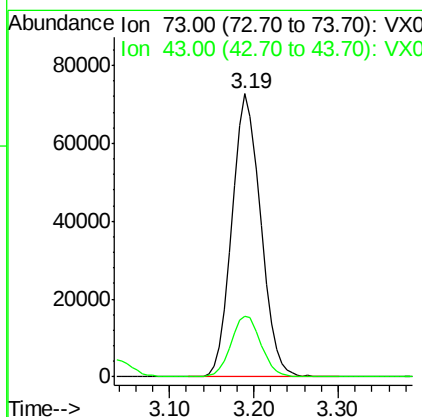
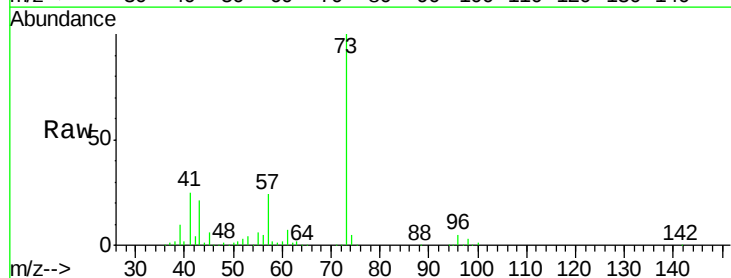
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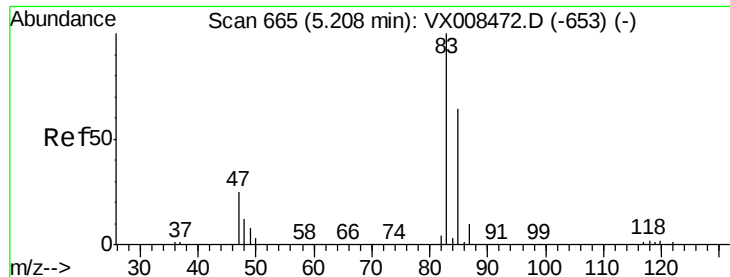


#24

Methyl tert-Butyl Ether
 Concen: 20.647 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 73 Resp: 167911
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.1 25.7





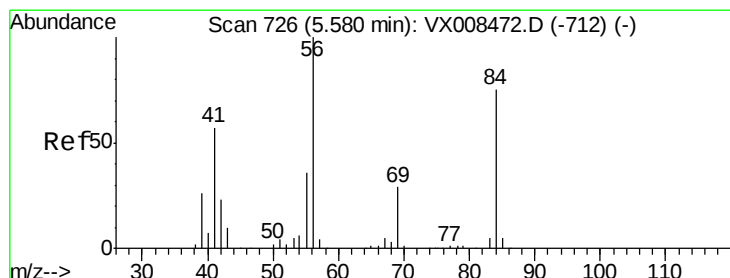
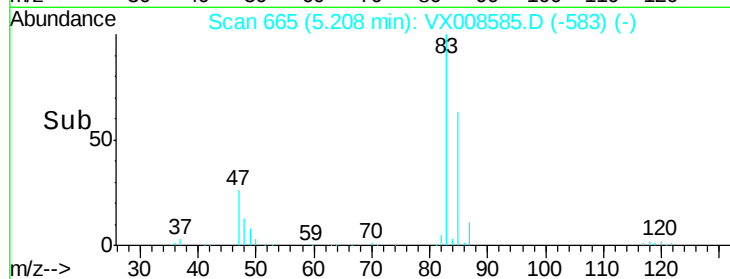
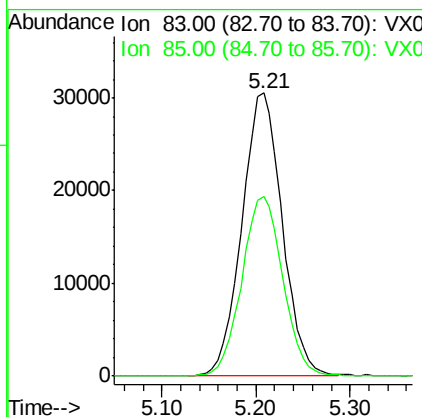
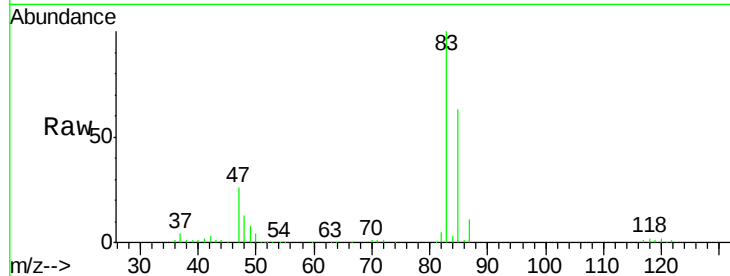
#25
Chloroform
Concen: 20.820 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	91628
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	53.8	80.6

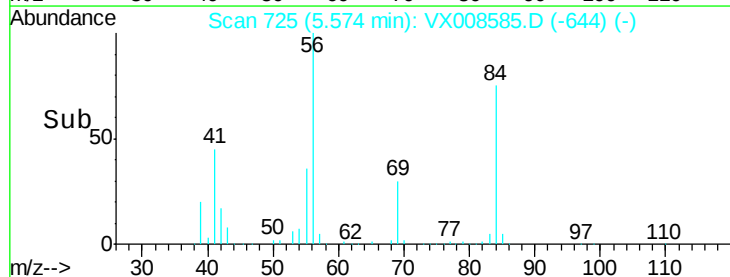
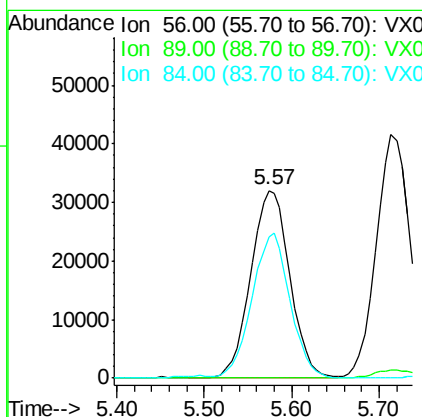
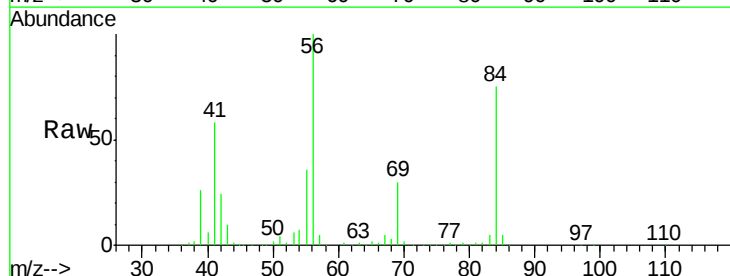
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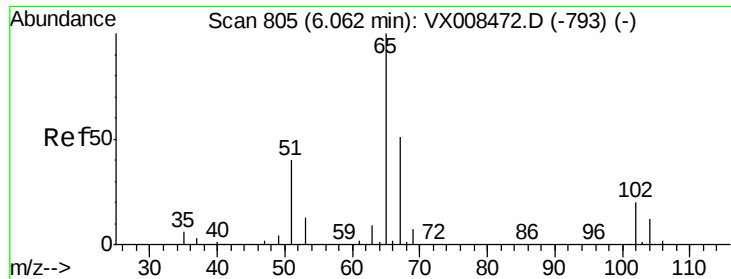
MMDadoda
4/3/2019 10:48:24 AM



#26
Cyclohexane
Concen: 21.144 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	56	Resp	99805
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	74.4	73.9	110.9





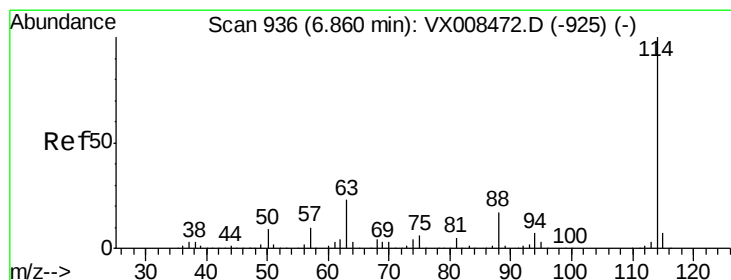
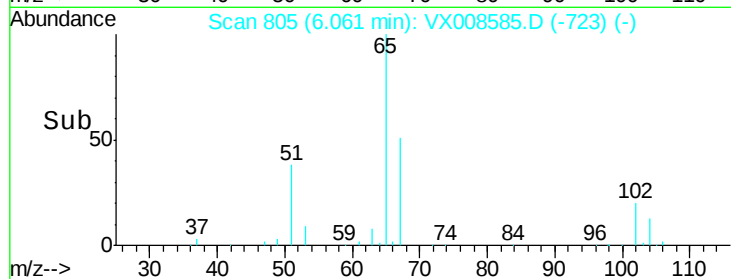
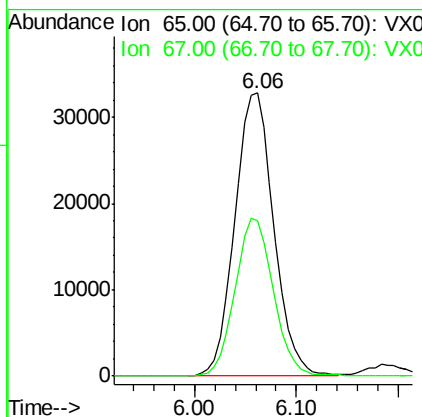
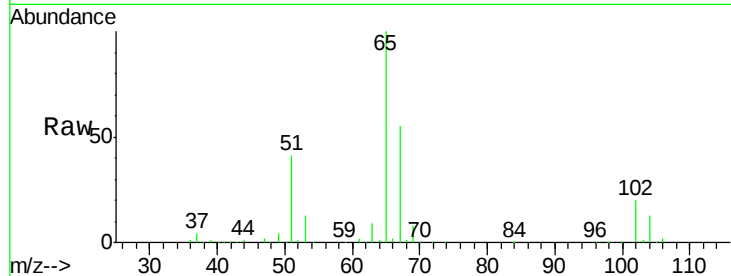
#27
 1,2-Dichloroethane-d4
 Concen: 29.628 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	42.9	64.3

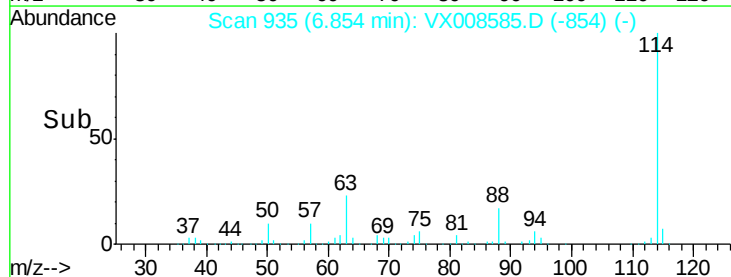
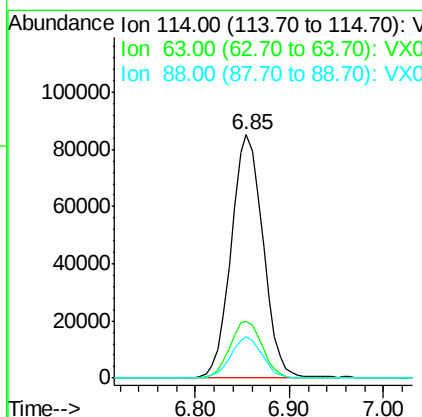
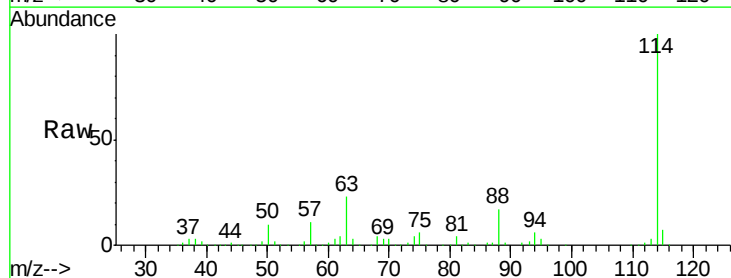
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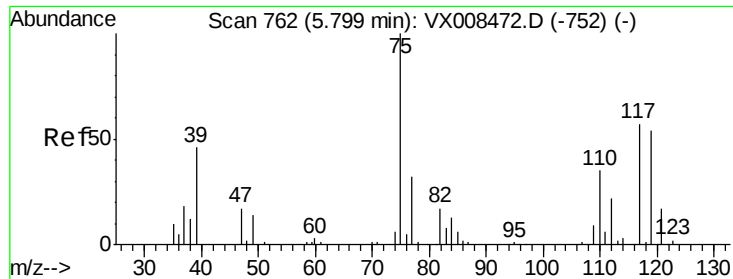
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.8	14.2	21.4#
88	16.6	11.9	17.9





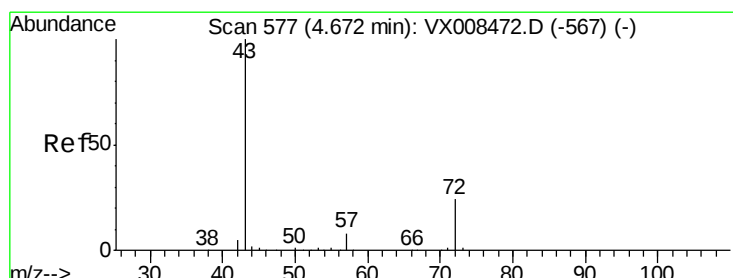
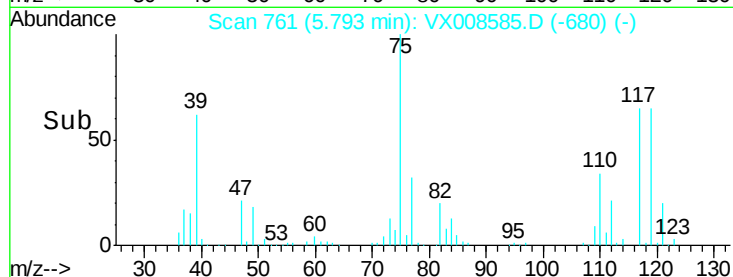
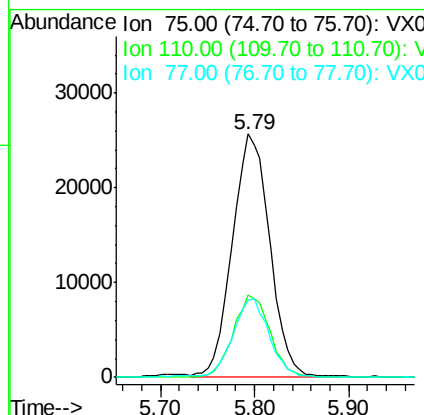
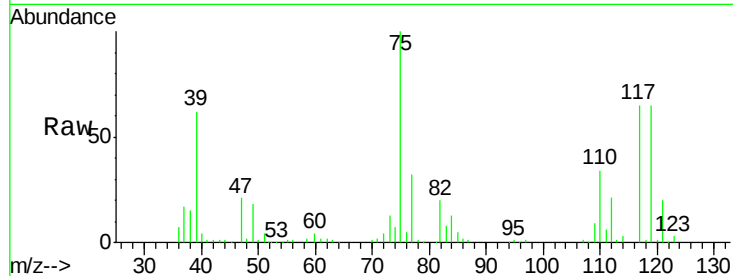
#29
 1,1-Dichloropropene
 Concen: 21.119 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

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

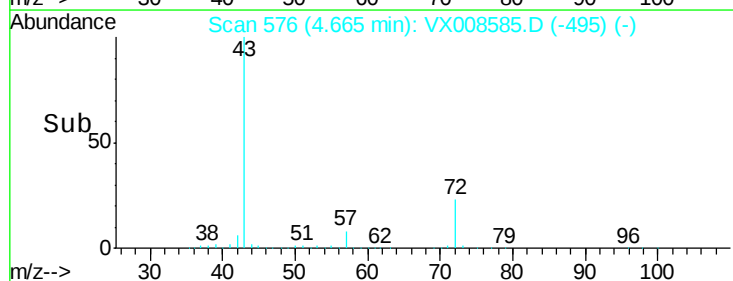
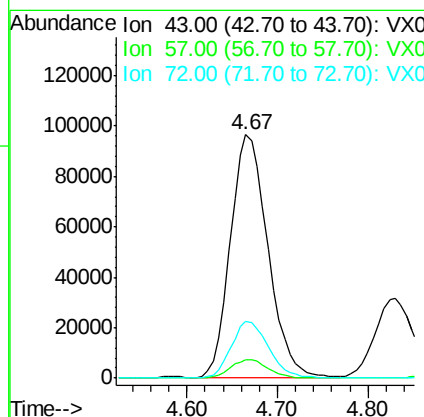
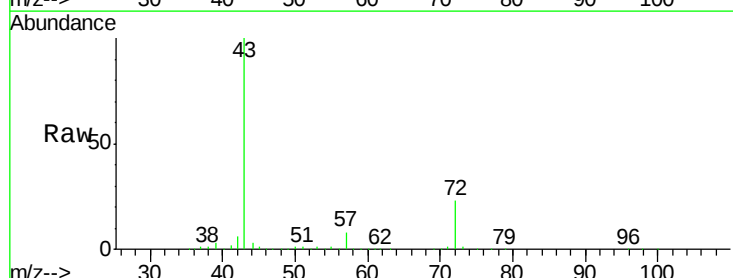
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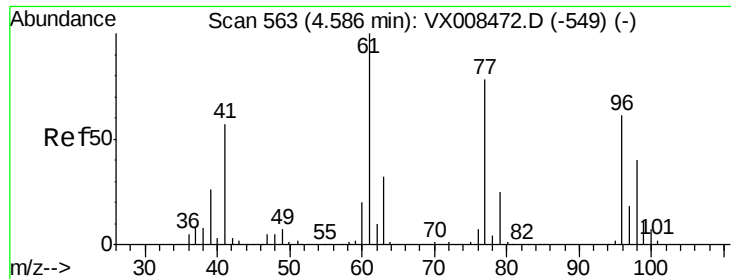
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 4/3/2019 10:48:24 AM



#30
 2-Butanone
 Concen: 111.050 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	7.0	10.6
72	22.7	21.5	32.3





#31

2,2-Dichloropropane

Concen: 21.005 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 71101

Ion Ratio Lower Upper

77 100

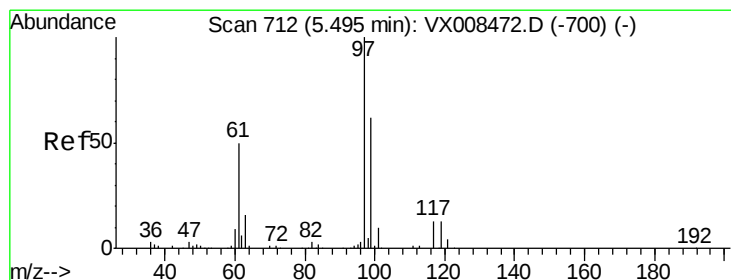
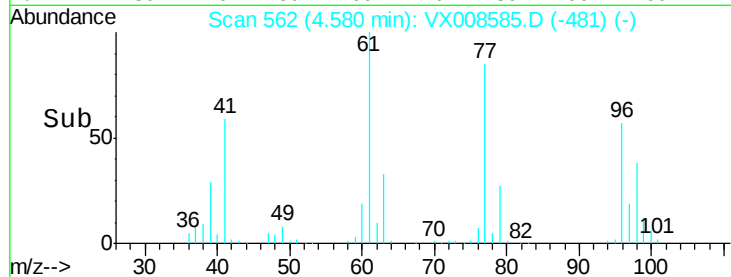
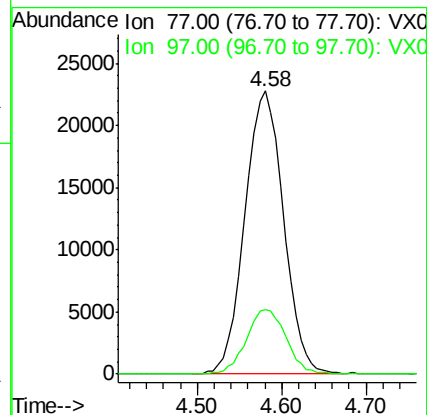
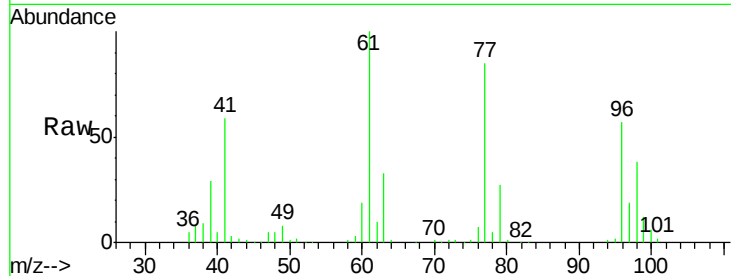
97 23.3 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 21.086 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

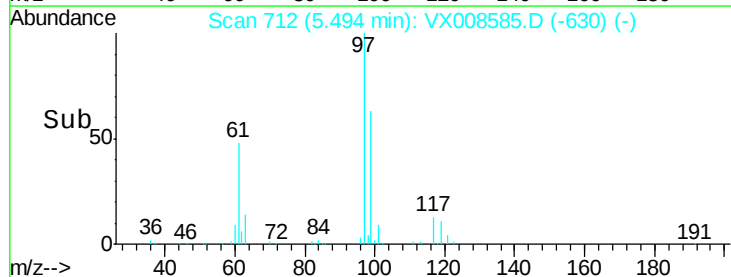
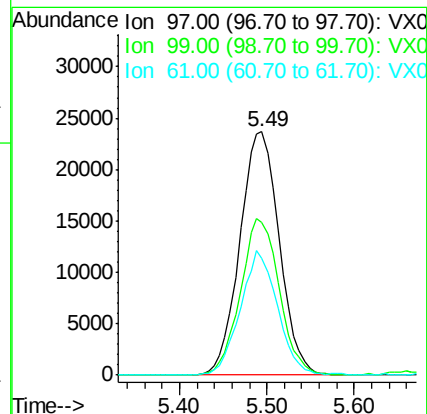
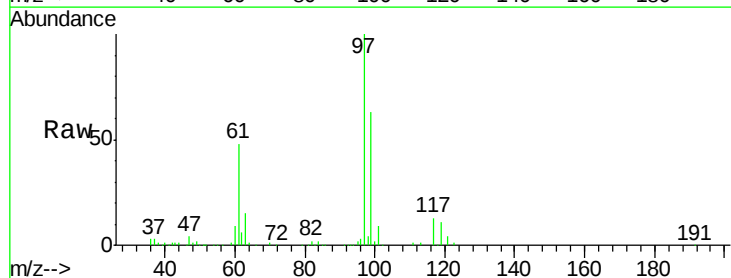
Tgt Ion: 97 Resp: 74211

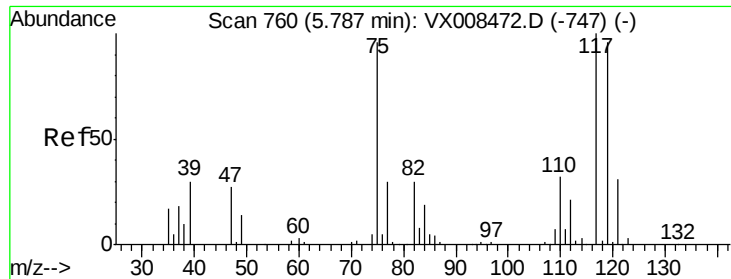
Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

61 48.2 32.8 49.2





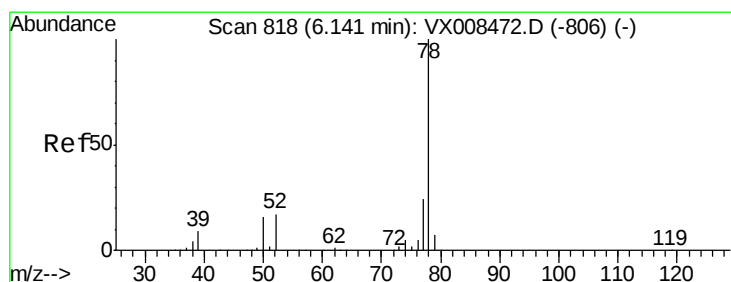
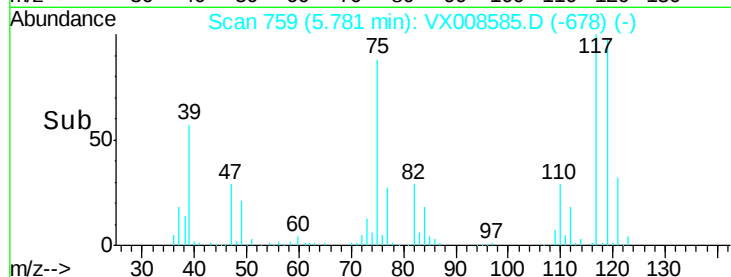
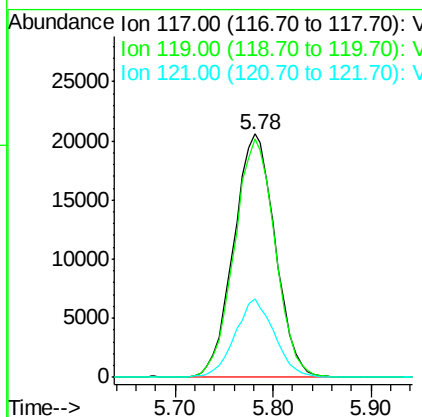
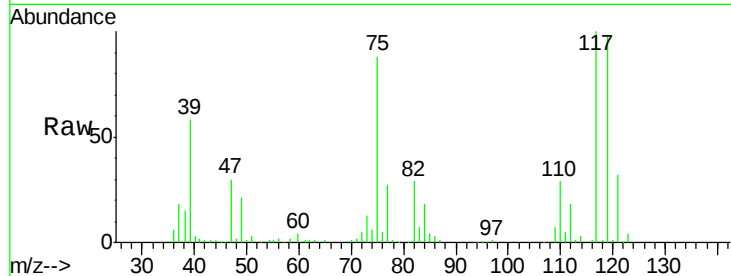
#33
Carbon Tetrachloride
Concen: 20.595 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.1	117.1
121	32.3	27.0	40.6

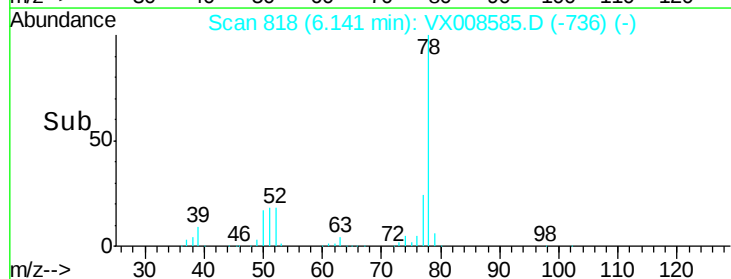
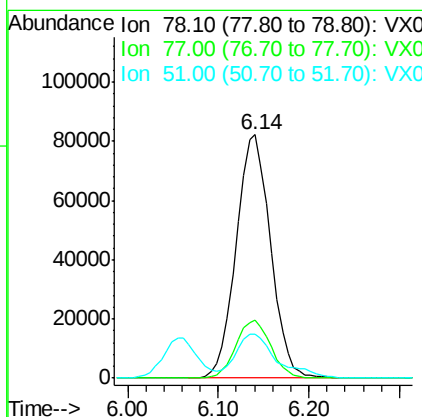
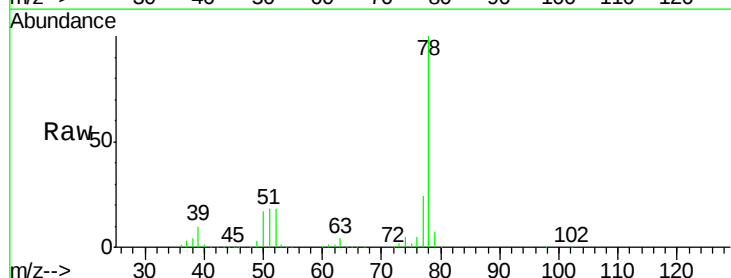
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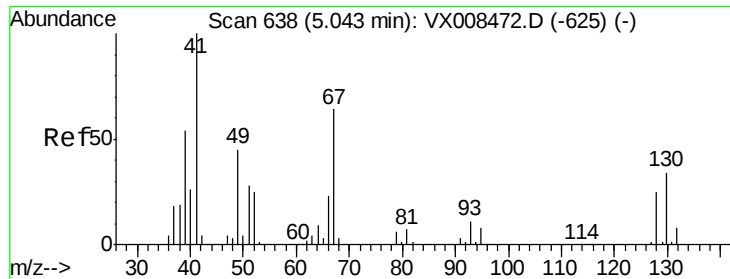
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#34
Benzene
Concen: 20.857 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7
51	17.8	10.8	16.2#





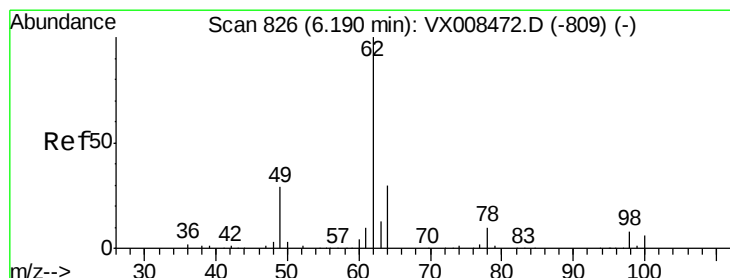
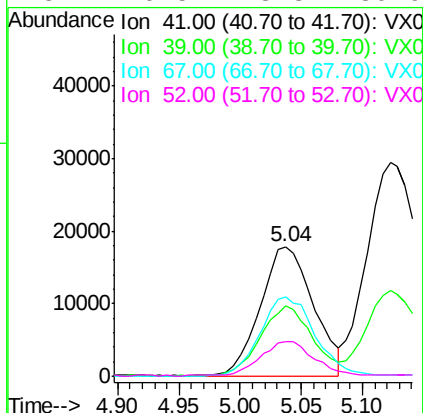
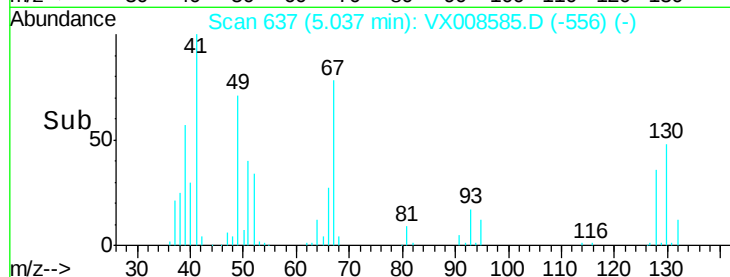
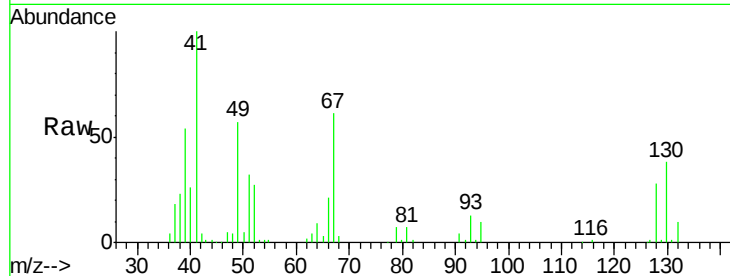
#35
Methacrylonitrile
Concen: 21.194 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	27.4	82.0	
67	61.4	37.9	113.6	
52	26.5	13.3	39.9	

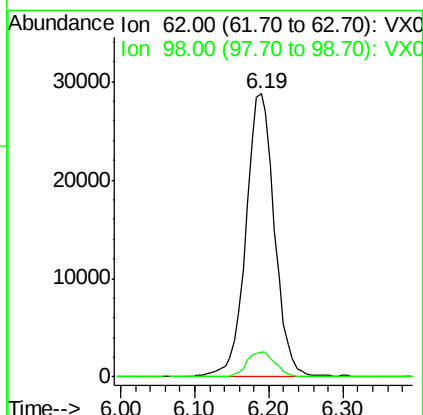
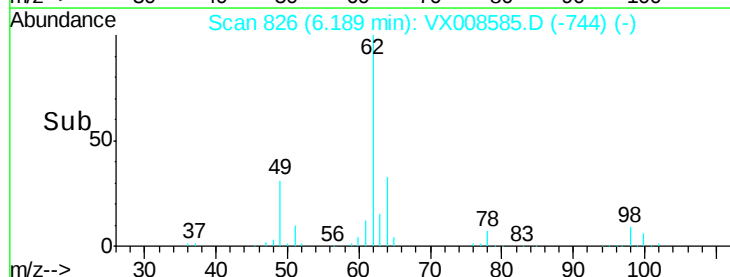
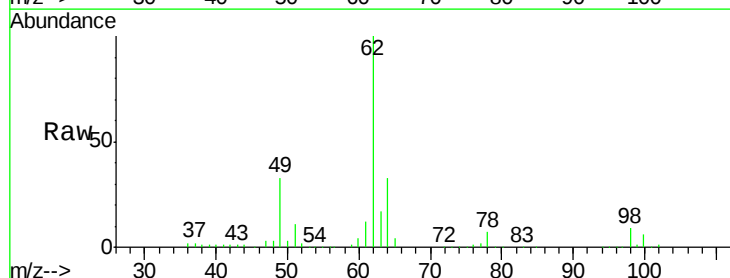
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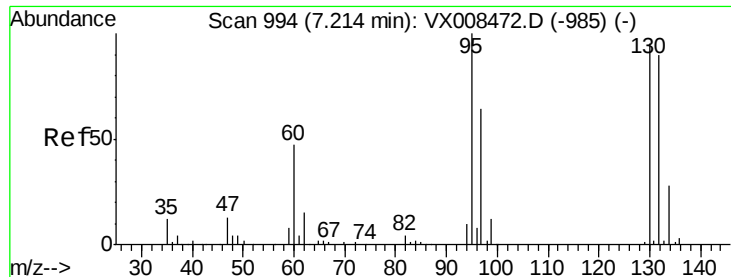
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#36
1,2-Dichloroethane
Concen: 21.010 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	7.8	11.8	





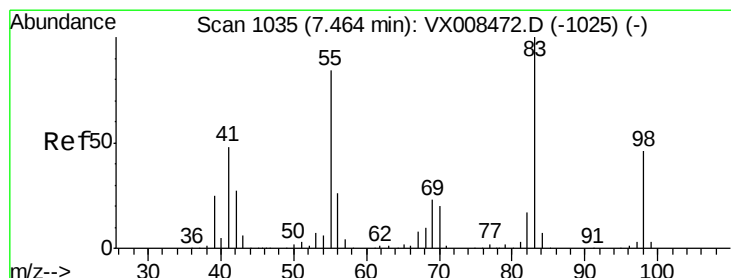
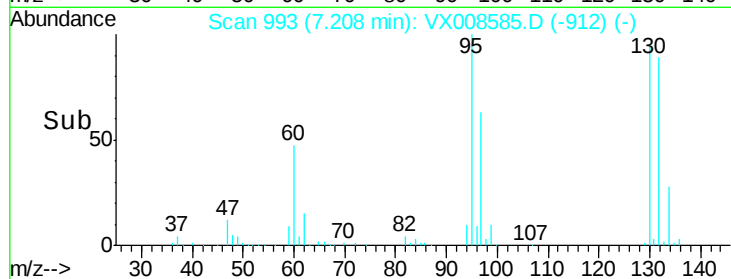
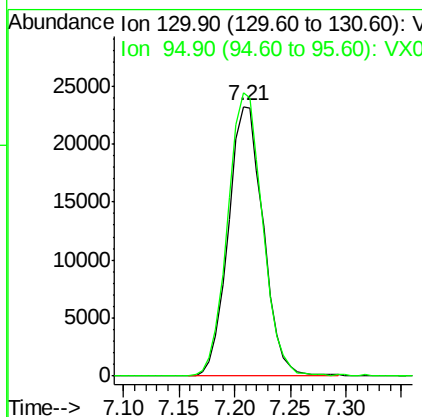
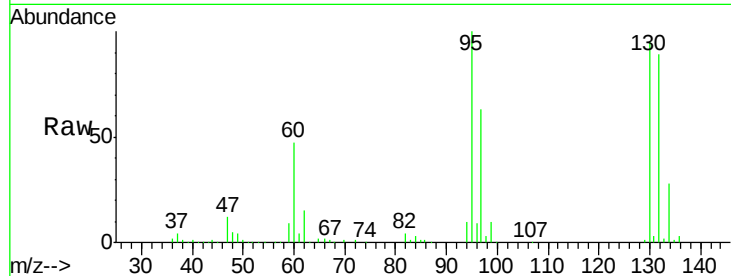
#37
 Trichloroethene
 Concen: 21.158 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion:130 Resp: 50409
 Ion Ratio Lower Upper
 130 100
 95 104.9 71.3 106.9

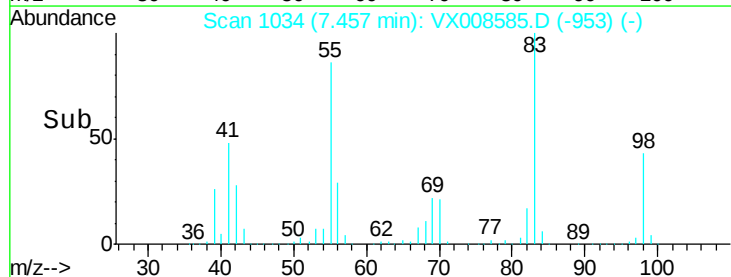
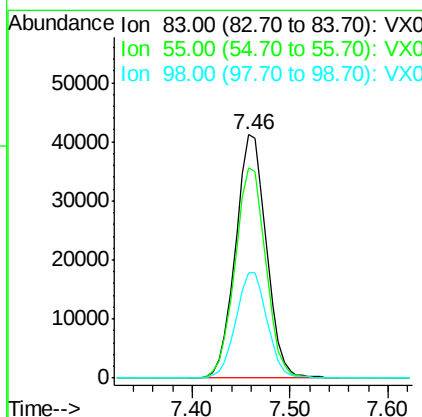
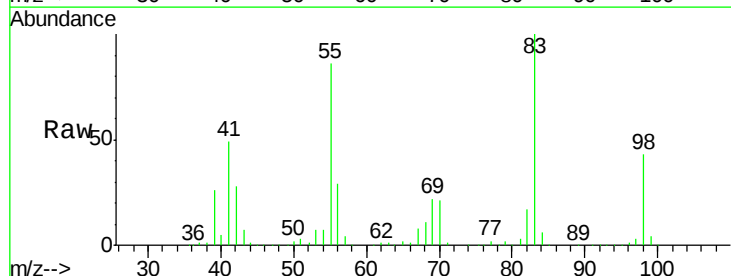
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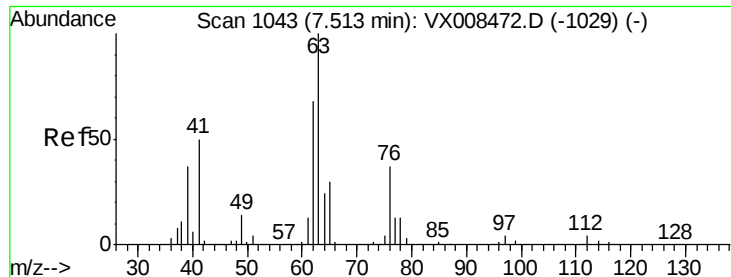
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#38
 Methylcyclohexane
 Concen: 21.165 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 83 Resp: 90388
 Ion Ratio Lower Upper
 83 100
 55 86.1 36.0 108.0
 98 44.0 23.8 71.4





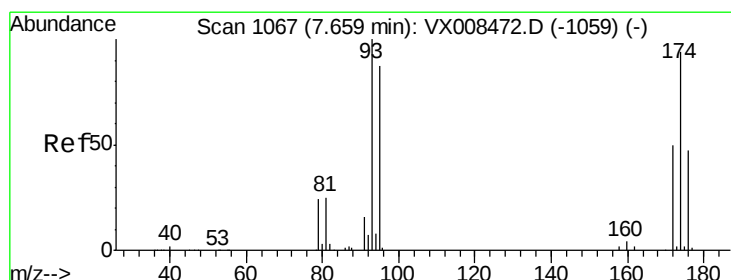
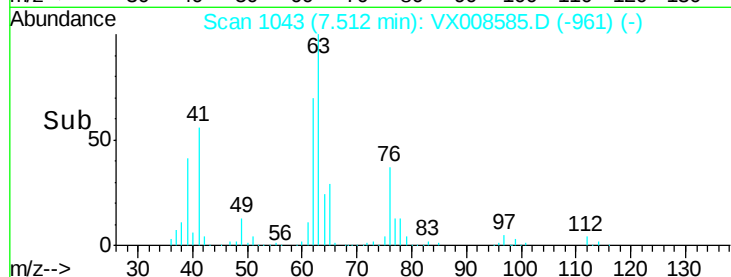
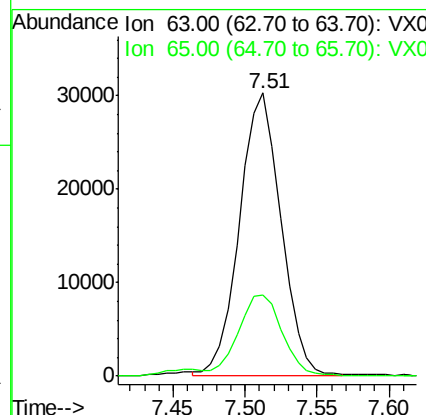
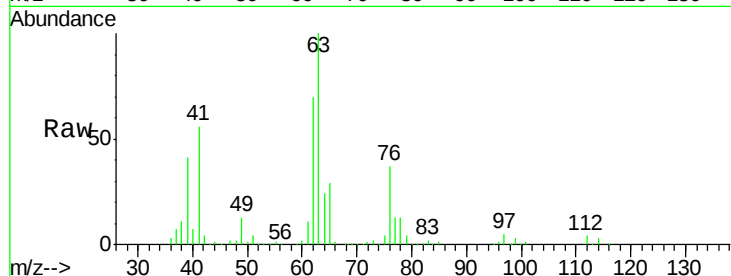
#39
 1,2-Dichloropropane
 Concen: 20.686 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 60785
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.6 37.0

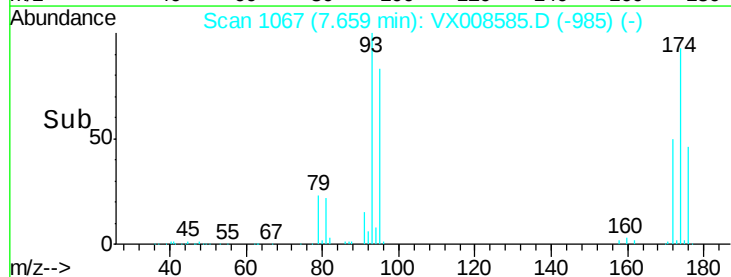
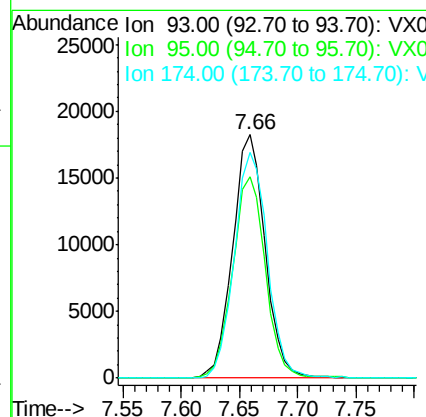
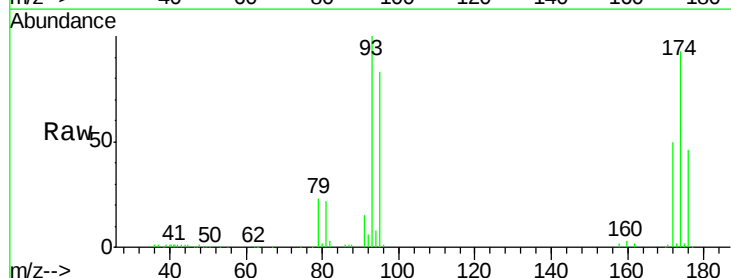
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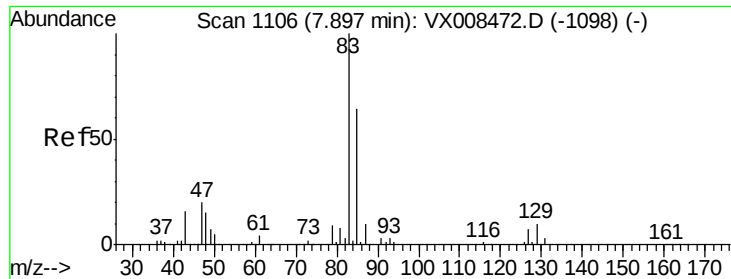
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#40
 Dibromomethane
 Concen: 20.840 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 93 Resp: 35474
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 158.8
 174 94.7 0.0 224.2





#41

Bromodichloromethane

Concen: 20.594 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

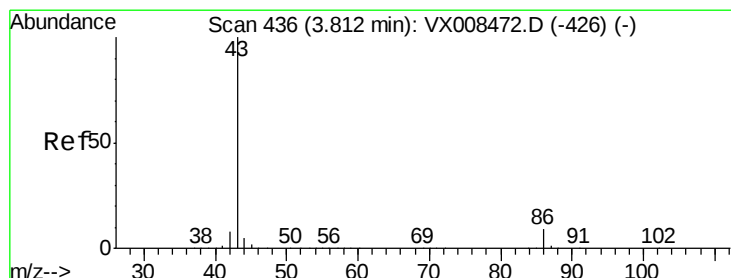
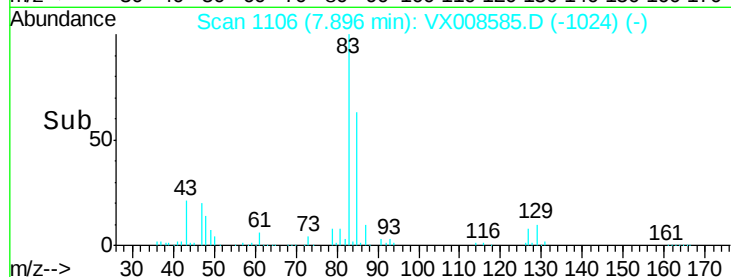
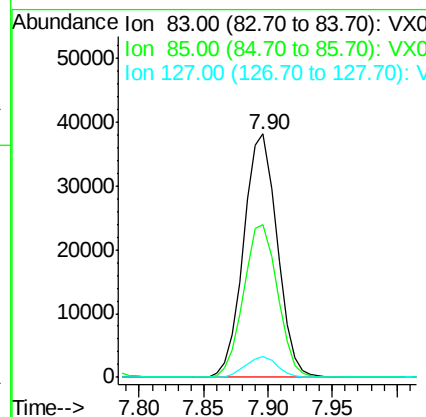
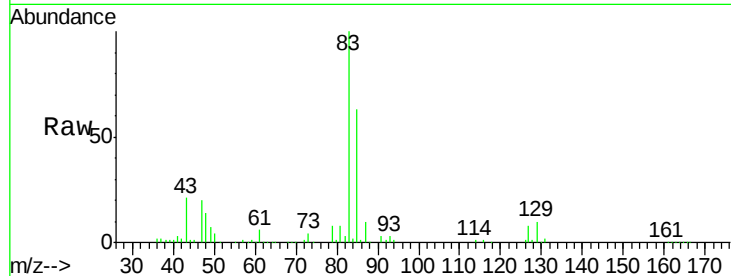
ClientSampled :

VSTDCCC020

Tot Ion:	83	Resp:	68926
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.1	76.7
127	8.4	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 105.965 ug/l

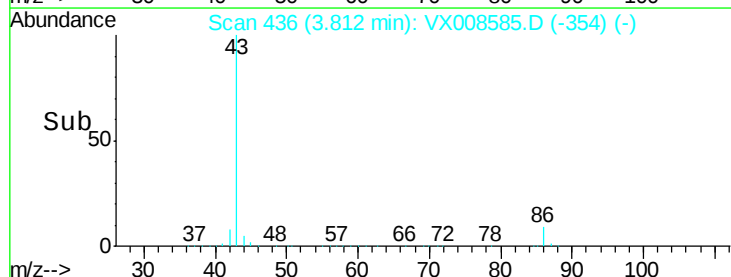
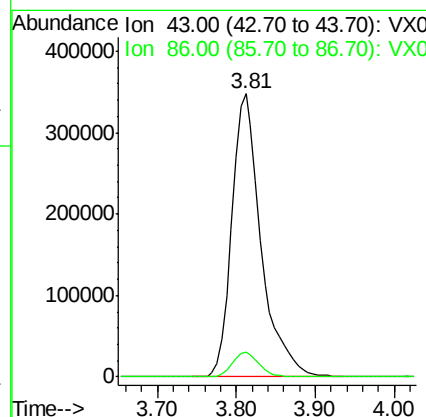
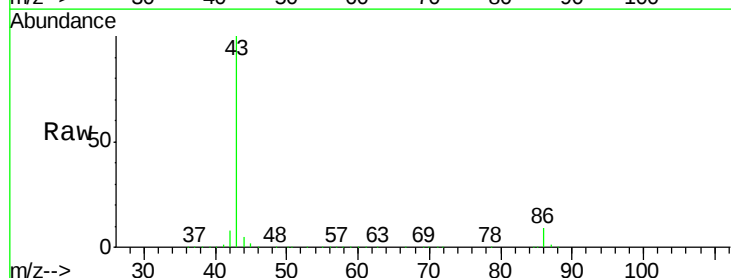
RT: 3.81 min Scan# 436

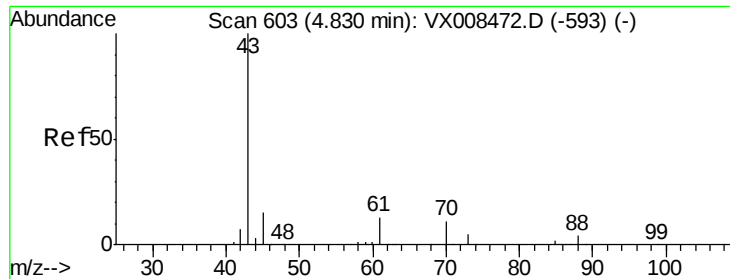
Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Tgt Ion:	43	Resp:	895233
Ion Ratio	Lower	Upper	
43	100		
86	7.9	8.2	12.2#





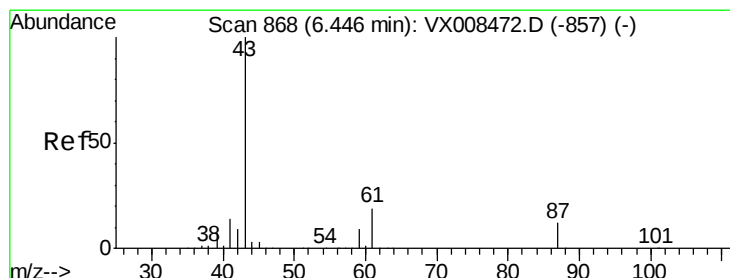
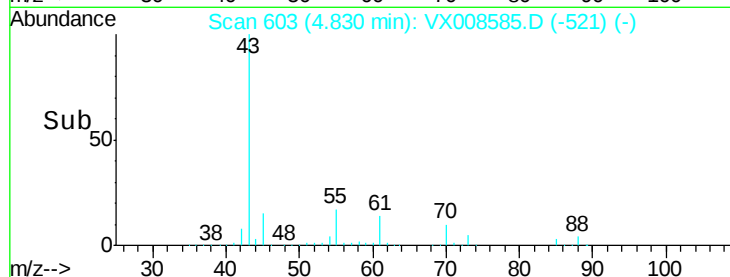
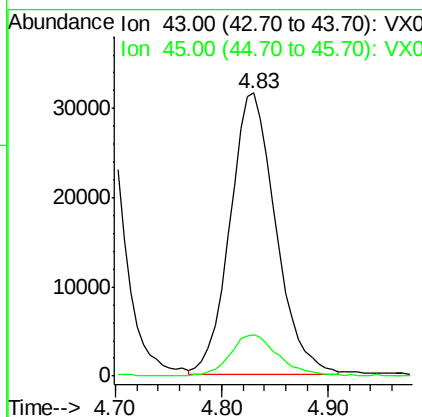
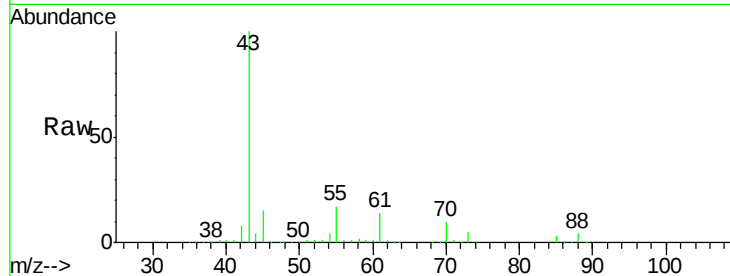
#43
Ethyl Acetate
Concen: 21.164 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 94931
Ion Ratio Lower Upper
43 100
45 15.1 6.9 10.3#

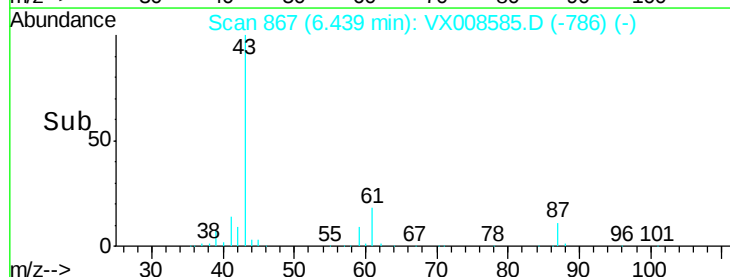
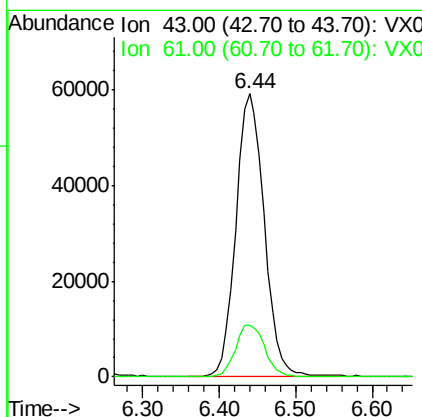
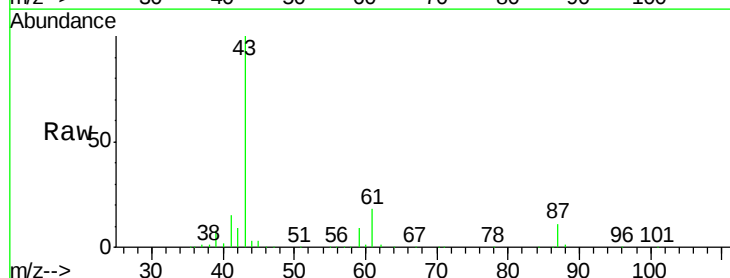
Manual Integrations
APPROVED

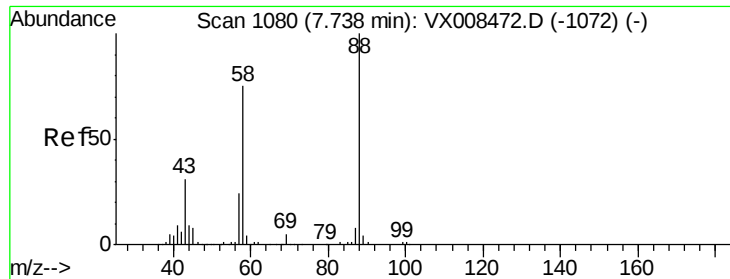
MMDadoda
4/3/2019 10:48:24 AM



#44
Isopropyl Acetate
Concen: 20.844 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 43 Resp: 151184
Ion Ratio Lower Upper
43 100
61 19.3 16.1 24.1





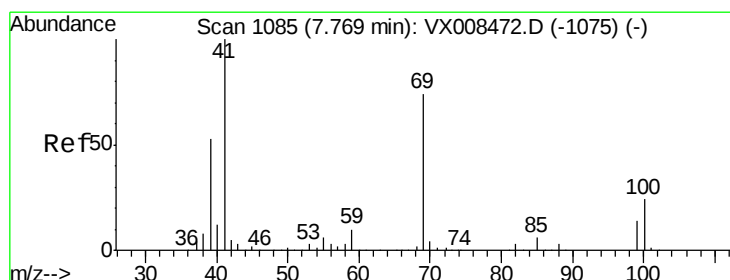
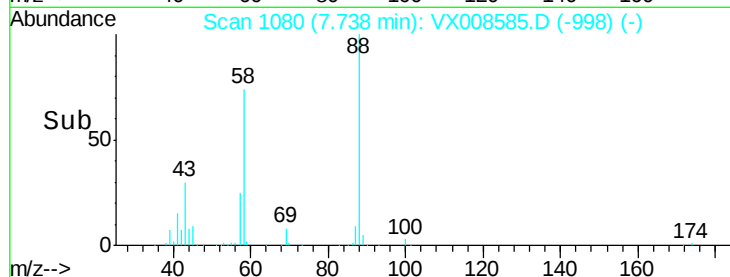
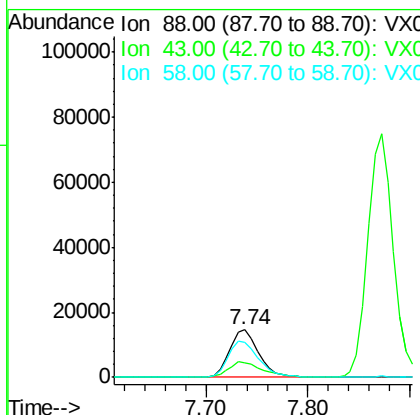
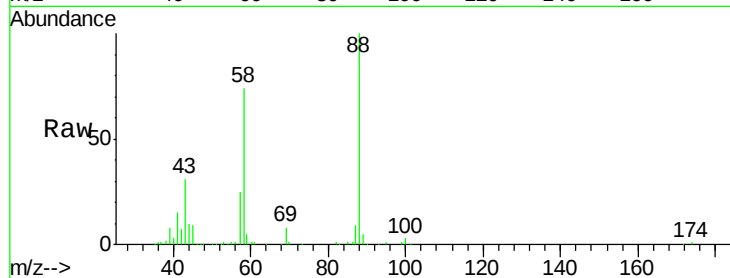
#45
1,4-Dioxane
Concen: 404.158 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	23.6	35.4#
58	80.9	51.6	77.4#

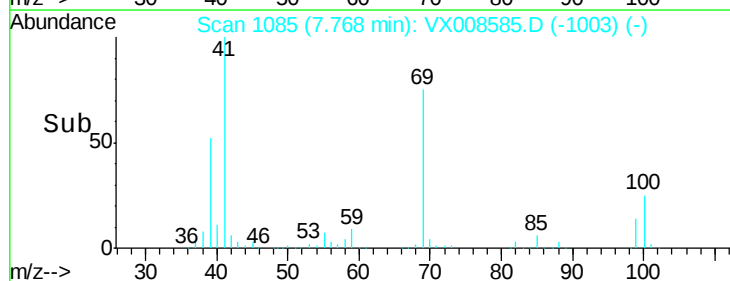
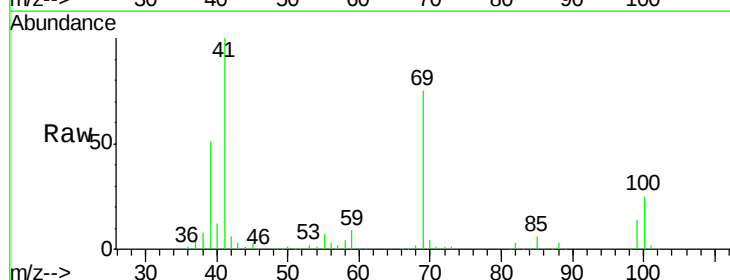
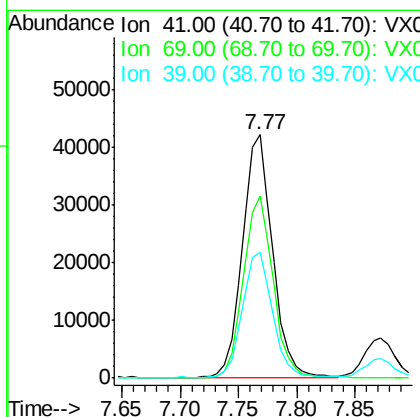
Manual Integrations
APPROVED

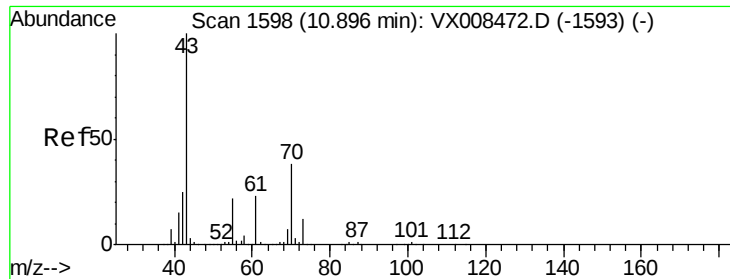
MMDadoda
4/3/2019 10:48:24 AM



#46
Methyl methacrylate
Concen: 20.625 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.0	44.2	132.6
39	51.4	29.9	89.8





#47

n-amvl Acetate

Concen: 20.013 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 43 Resp: 131856

Ion Ratio Lower Upper

43 100

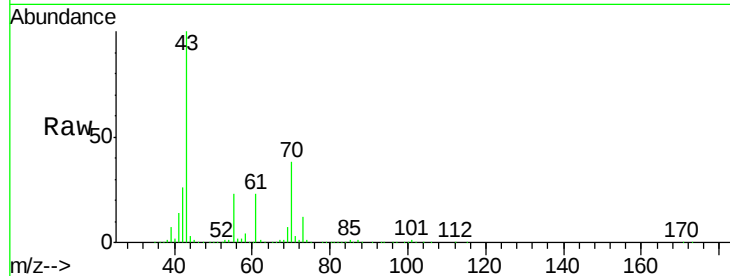
55 23.1 20.8 31.2

Manual Integrations

APPROVED

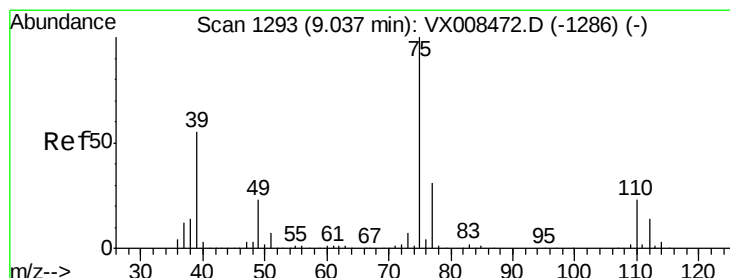
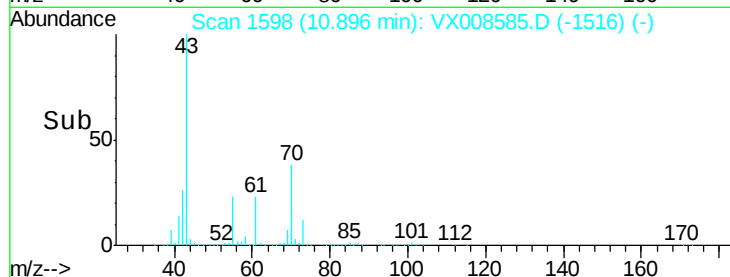
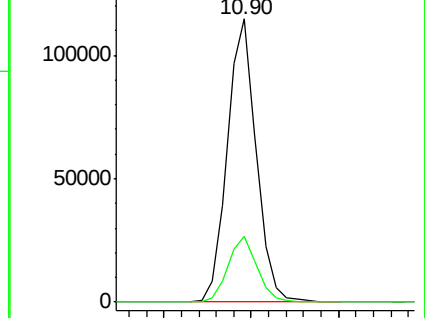
MMDadoda

4/3/2019 10:48:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.932 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX008585.D

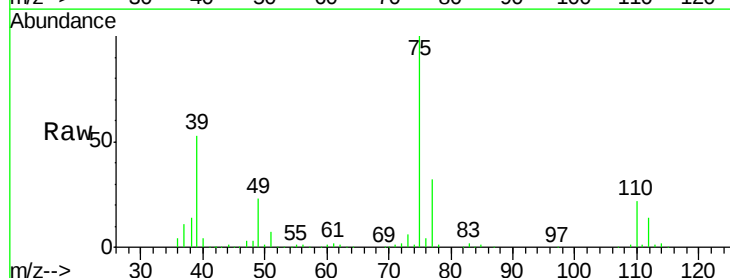
Acq: 02 Apr 2019 10:20

Tgt Ion: 75 Resp: 75350

Ion Ratio Lower Upper

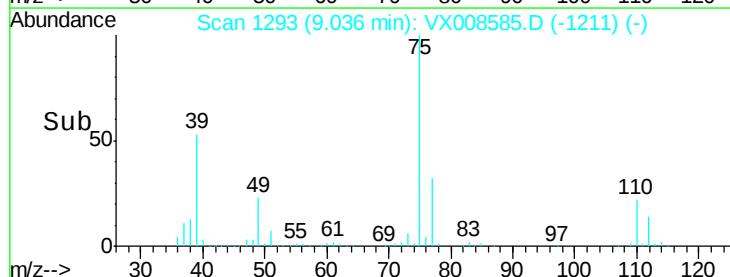
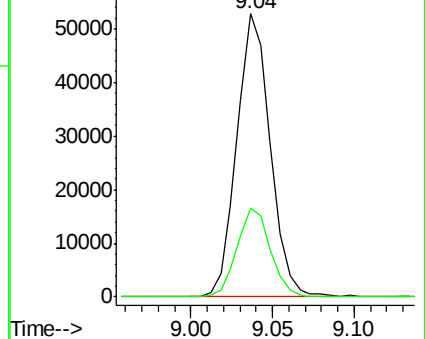
75 100

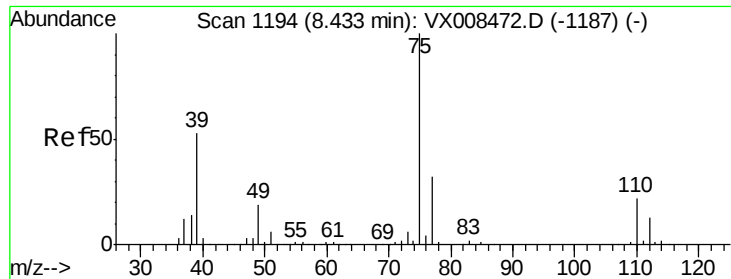
77 31.6 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





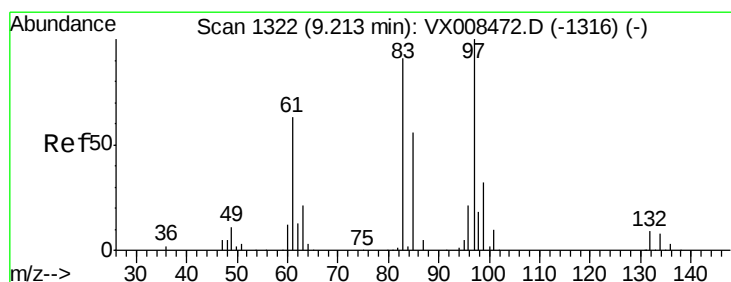
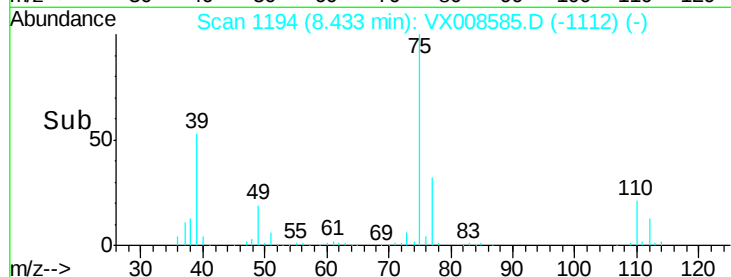
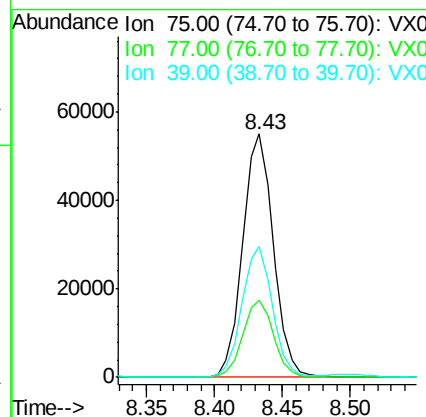
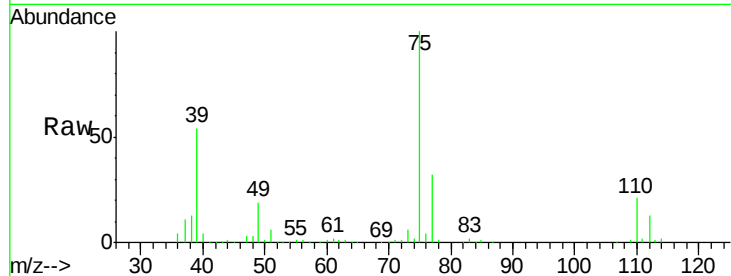
#49
 cis-1,3-Dichloropropene
 Concen: 20.532 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4
39	53.6	38.5	57.7

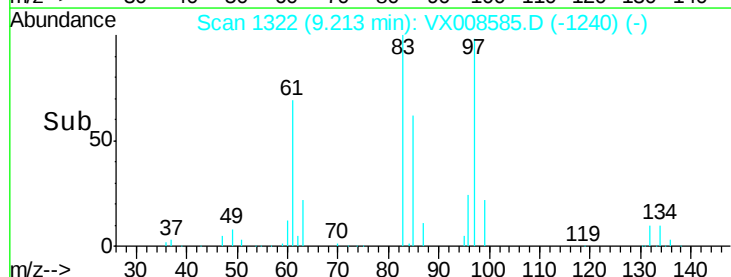
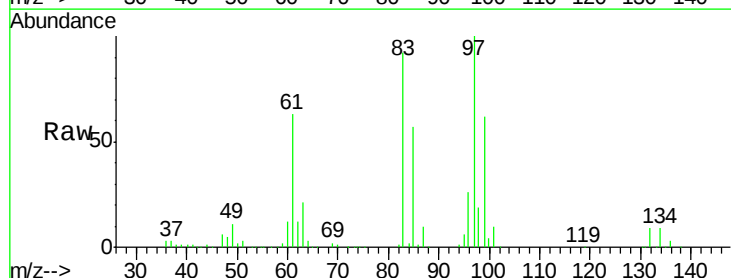
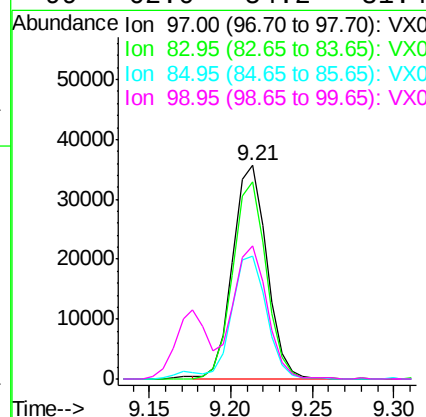
Manual Integrations
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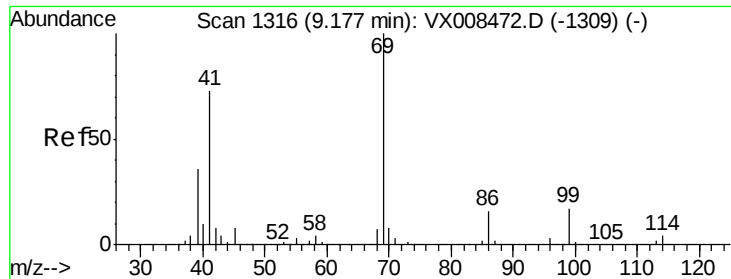
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 20.534 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.2	72.0	108.0
85	57.3	45.0	67.6
99	62.0	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.159 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

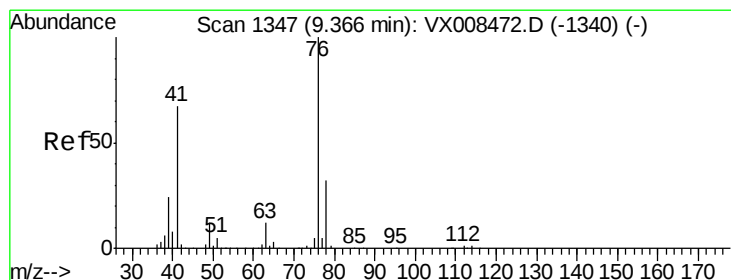
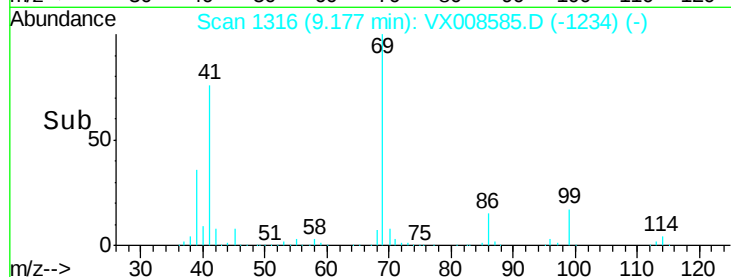
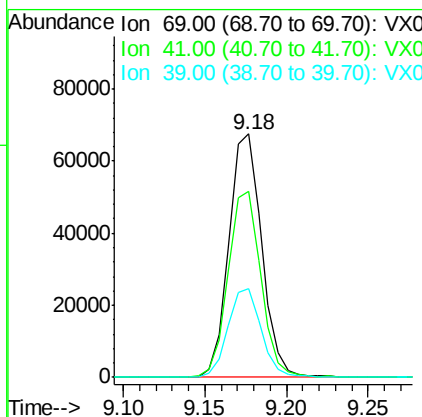
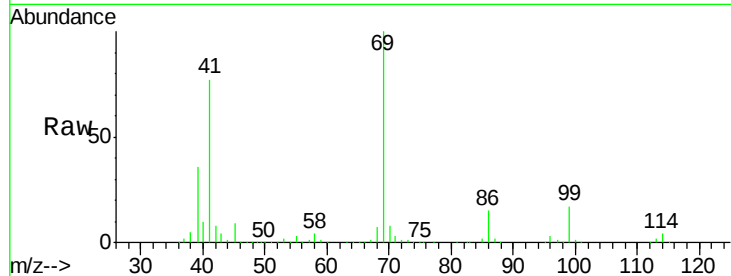
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	94815
Ion	Ratio	Lower	Upper
69	100		
41	76.4	32.1	96.5
39	36.1	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.825 ug/l

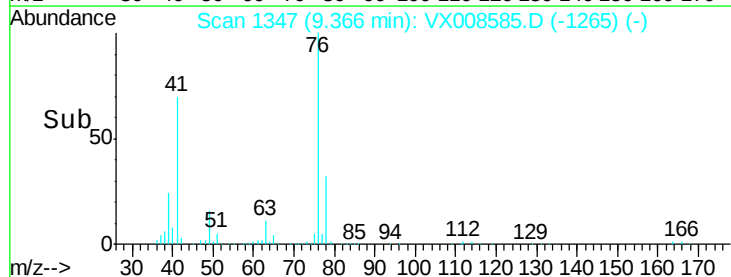
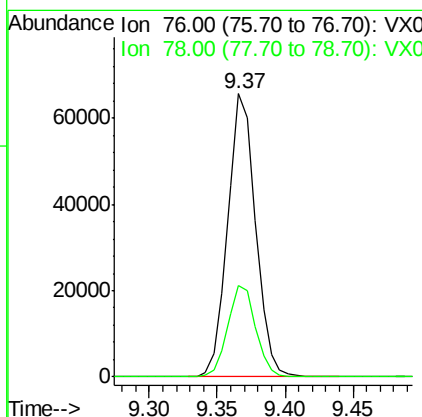
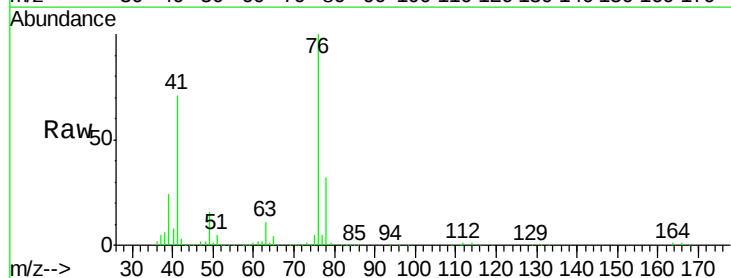
RT: 9.37 min Scan# 1347

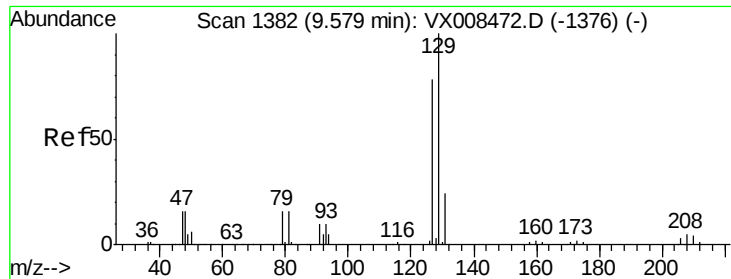
Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Tgt Ion:	76	Resp:	93640
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





#53

Dibromochloromethane

Concen: 19.926 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 49561

Ion Ratio Lower Upper

129 100

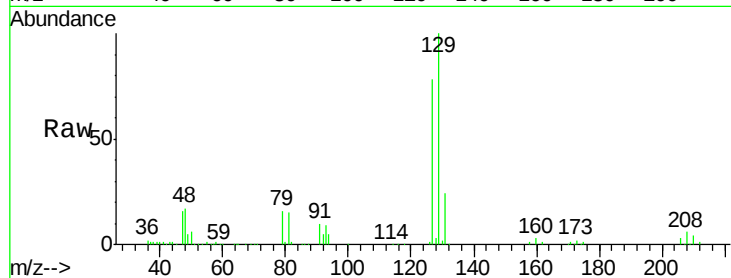
127 77.9 38.4 115.2

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

40000

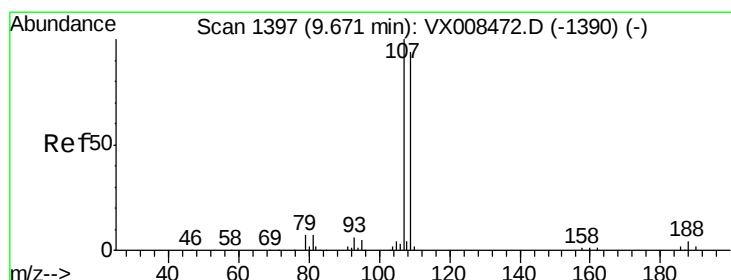
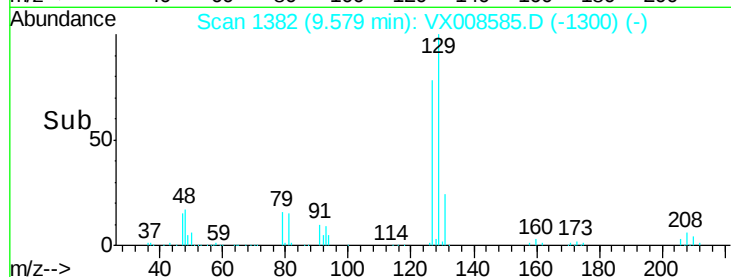
30000

20000

10000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 20.504 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008585.D

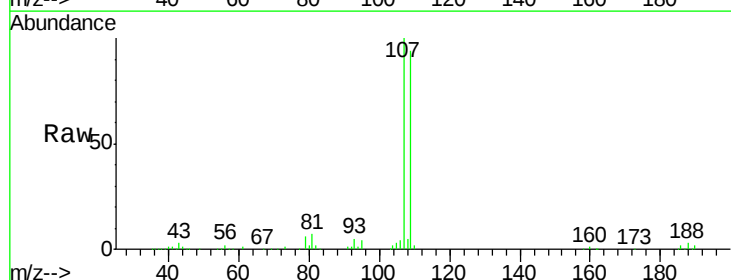
Acq: 02 Apr 2019 10:20

Tgt Ion:107 Resp: 53422

Ion Ratio Lower Upper

107 100

109 94.3 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

40000

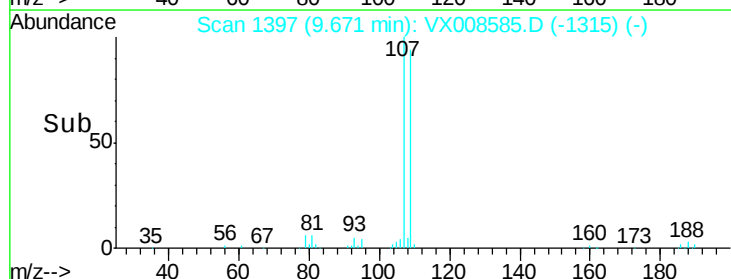
30000

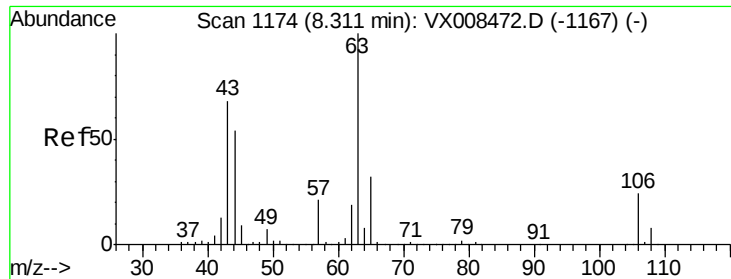
20000

10000

0

Time--> 9.60 9.65 9.70 9.75





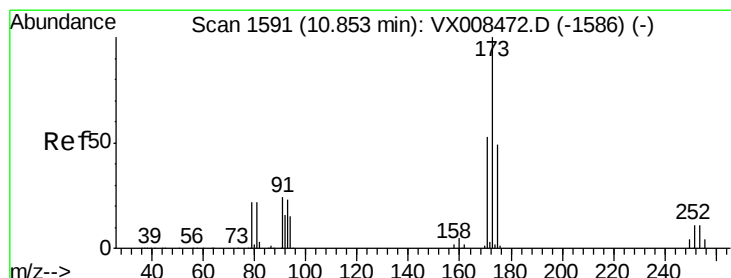
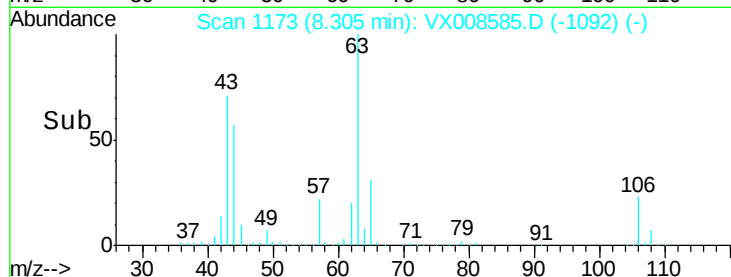
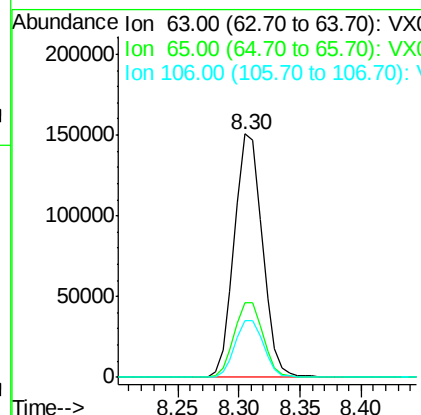
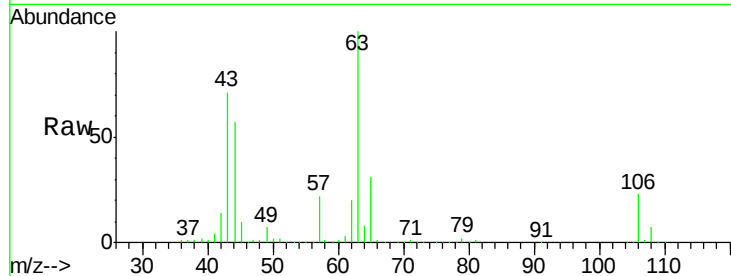
#55
2-Chloroethyl vinyl ether
Concen: 101.297 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.7	38.5
106	23.6	23.7	35.5#

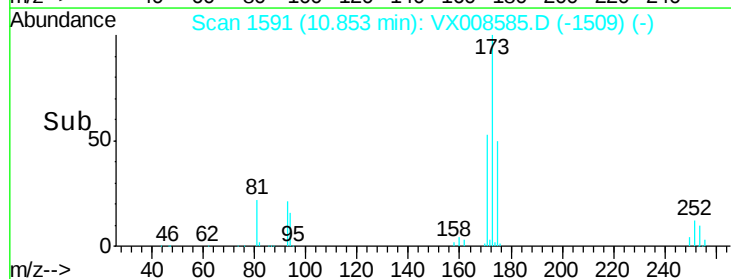
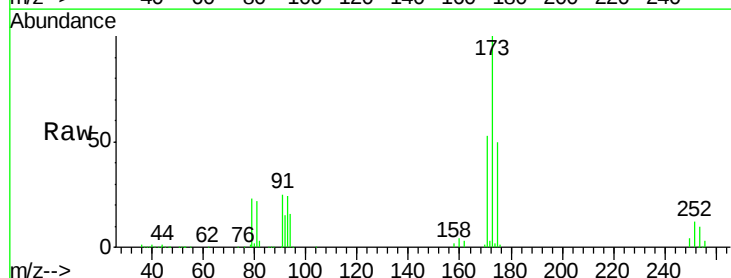
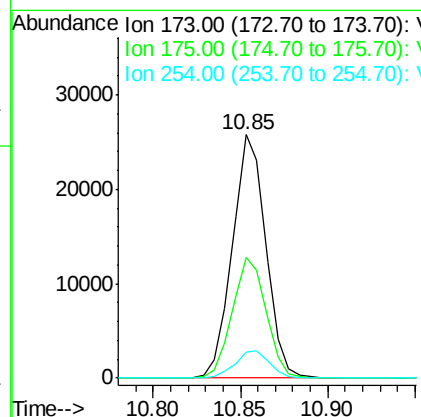
Manual Integrations
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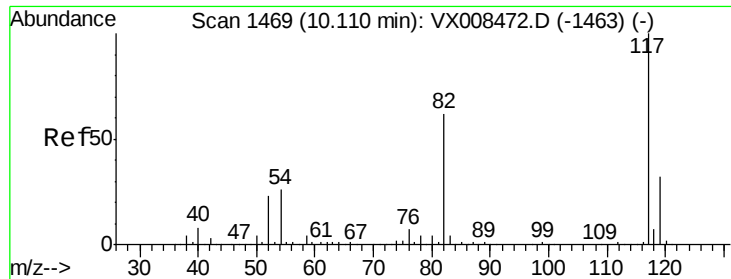
MMDadoda
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#56
Bromoform
Concen: 18.923 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	38.5	57.7
254	11.4	7.4	11.2#





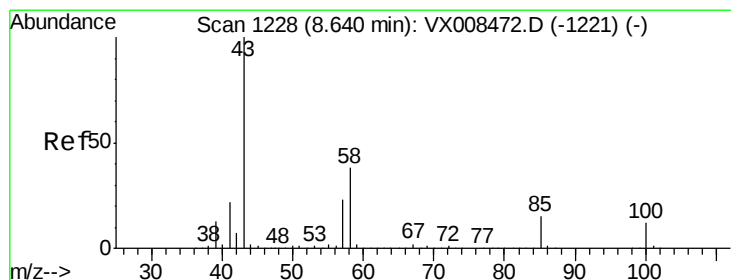
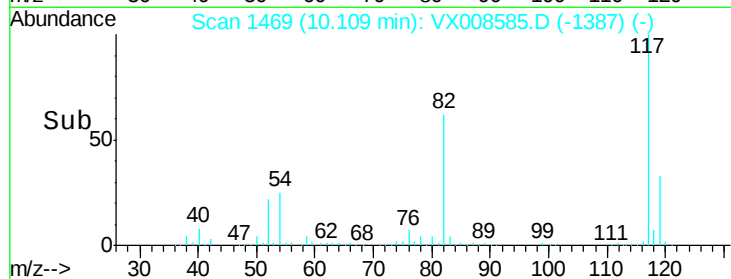
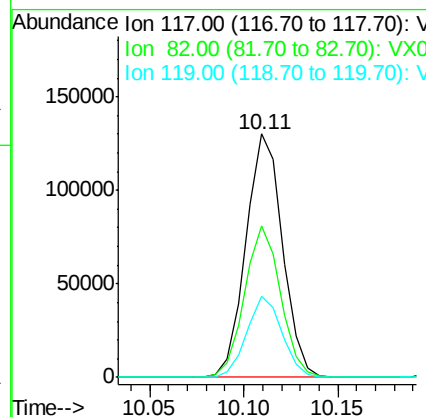
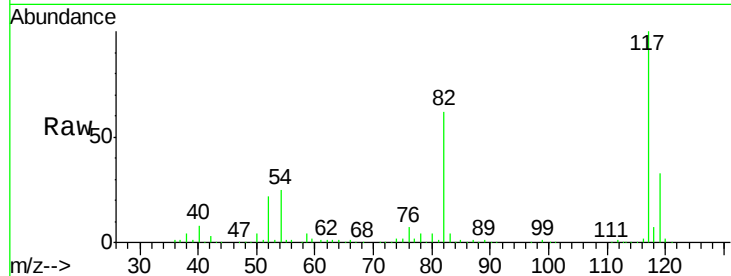
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	40.4	60.6#
119	32.2	25.8	38.6

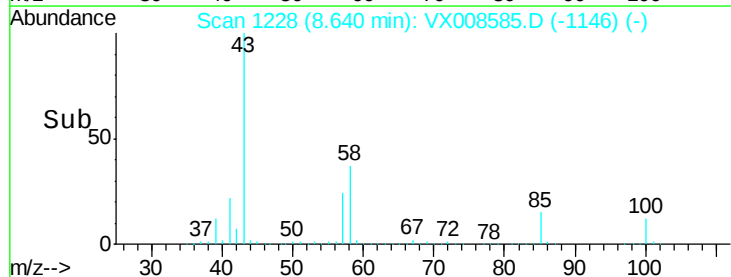
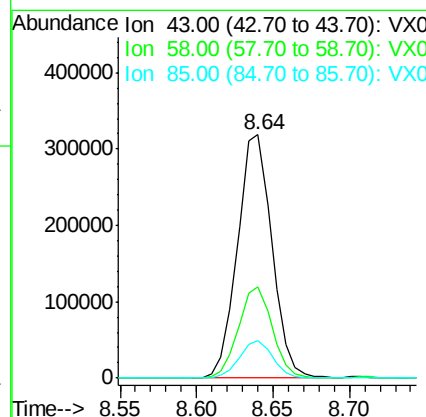
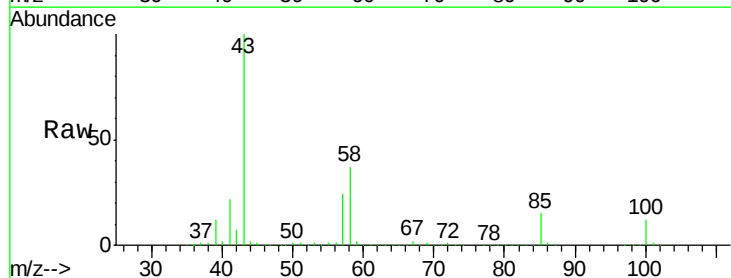
Manual Integrations
APPROVED

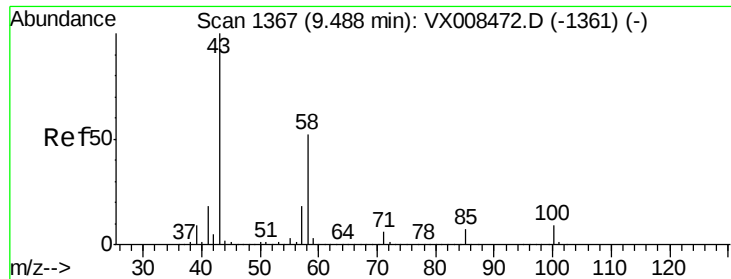
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 107.588 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	31.4	47.0
85	15.0	15.0	22.6#





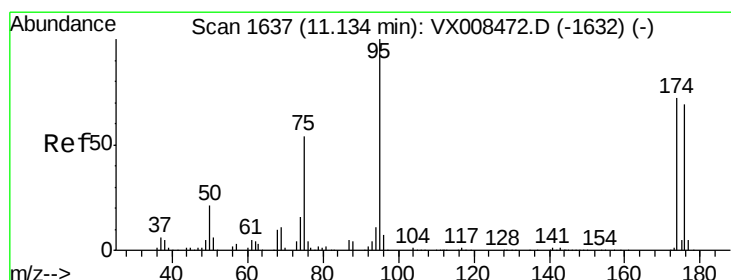
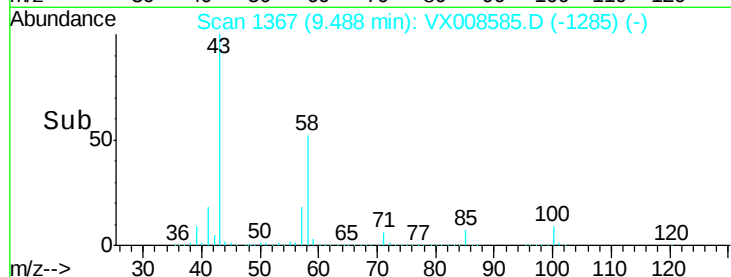
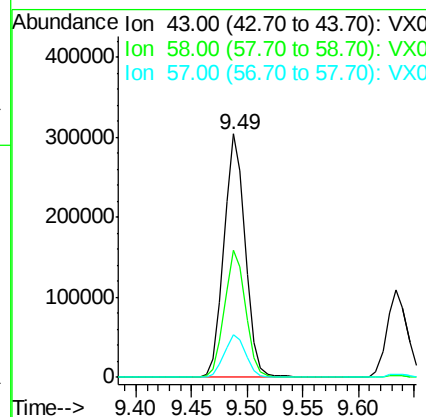
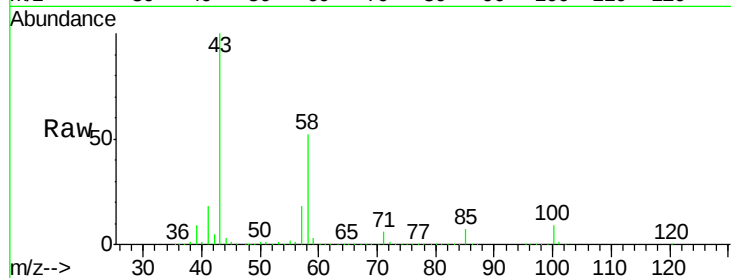
#59
2-Hexanone
Concen: 109.636 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.1	43.9	65.9
57	17.8	14.9	22.3

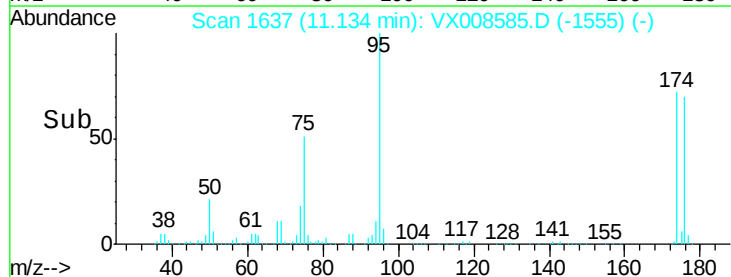
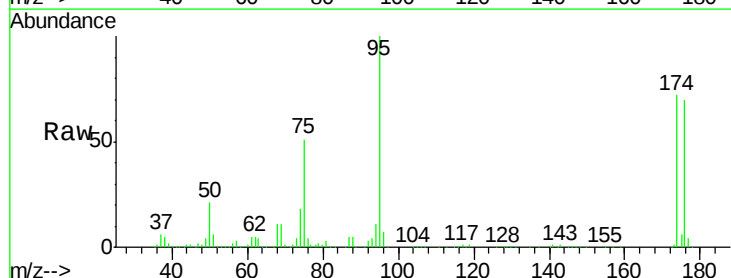
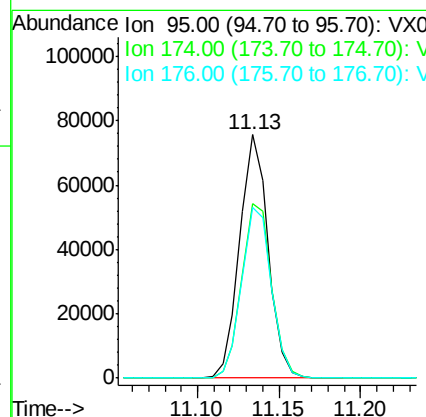
Manual Integrations
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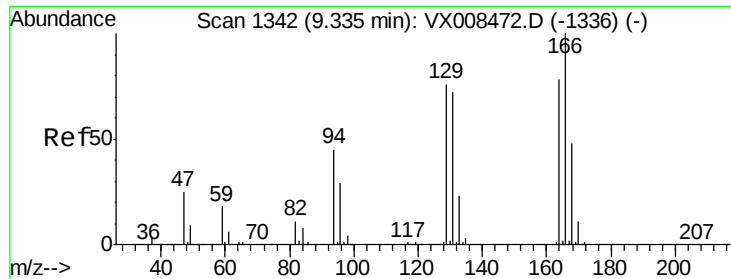
MMDadoda
4/3/2019 10:48:24 AM



#60
4-Bromofluorobenzene
Concen: 30.072 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	74.9	112.3
176	73.5	70.7	106.1





#61

Tetrachloroethene

Concen: 22.872 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 43927

Ion Ratio Lower Upper

164 100

166 126.9 103.9 155.9

129 94.6 74.7 112.1

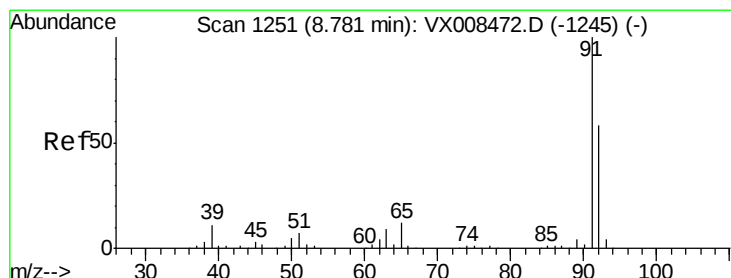
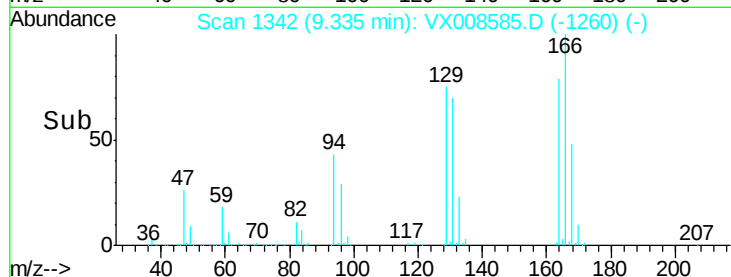
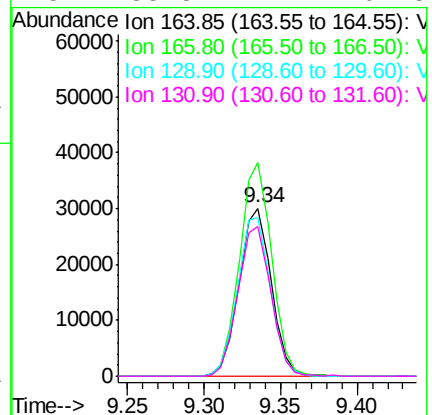
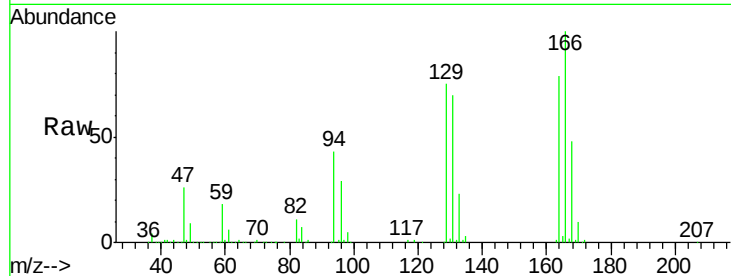
131 88.8 71.7 107.5

Manual Integrations

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4/3/2019 10:48:24 AM



#62

Toluene

Concen: 21.480 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008585.D

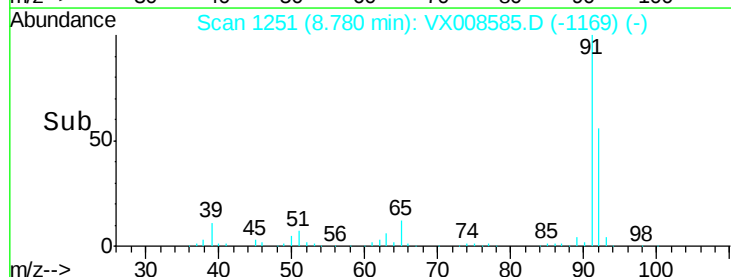
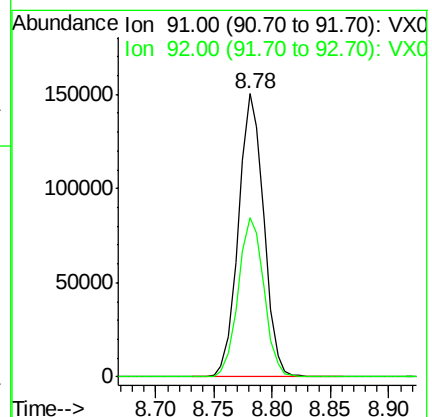
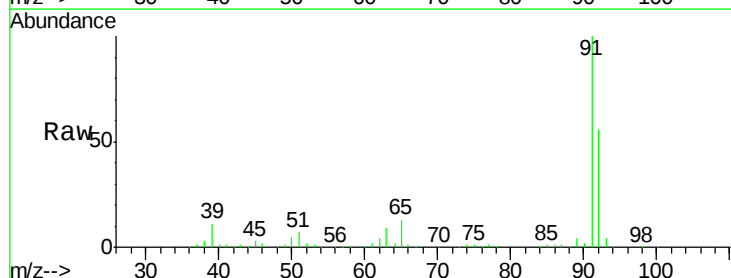
Acq: 02 Apr 2019 10:20

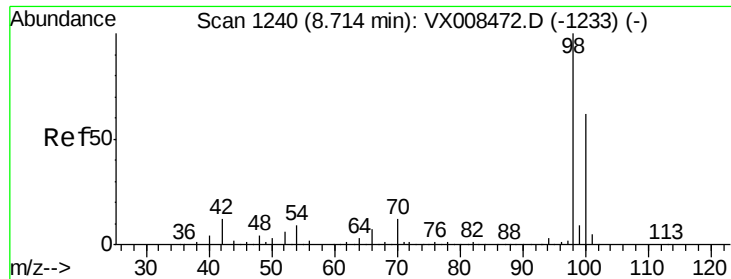
Tgt Ion: 91 Resp: 228347

Ion Ratio Lower Upper

91 100

92 57.1 46.4 69.6





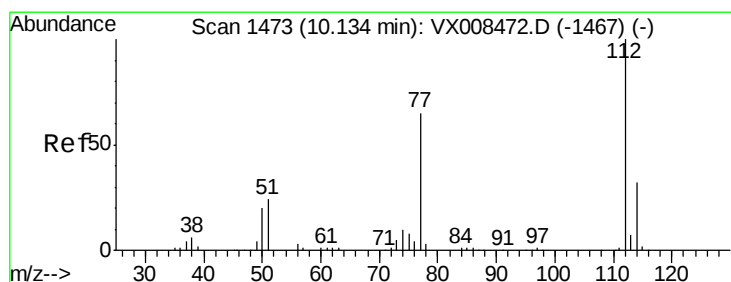
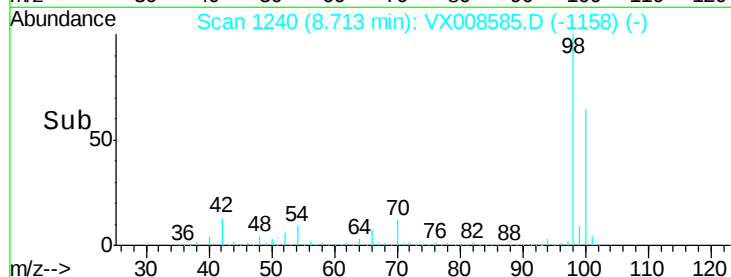
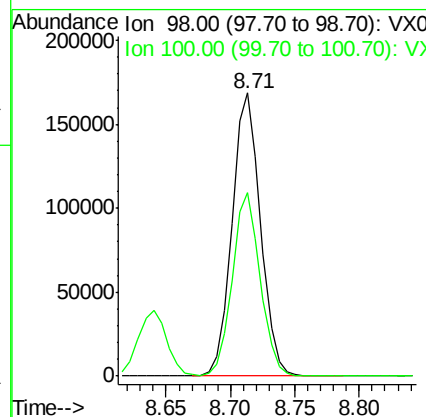
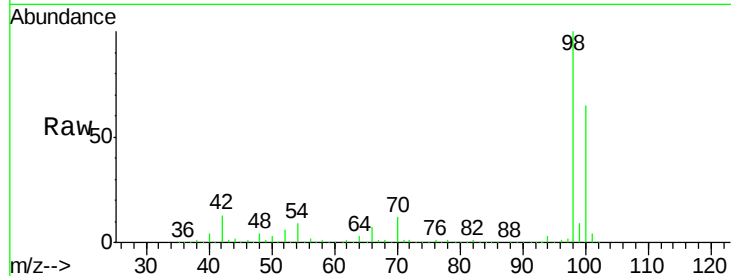
#63
Toluene-d8
Concen: 31.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 259613
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

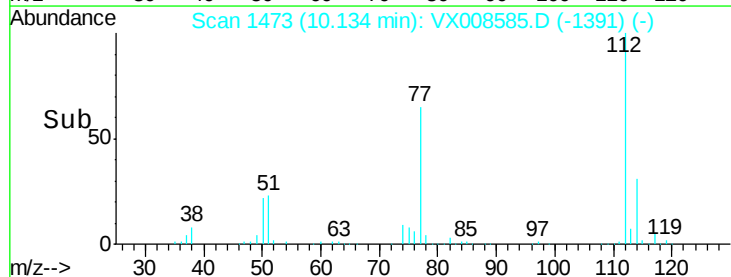
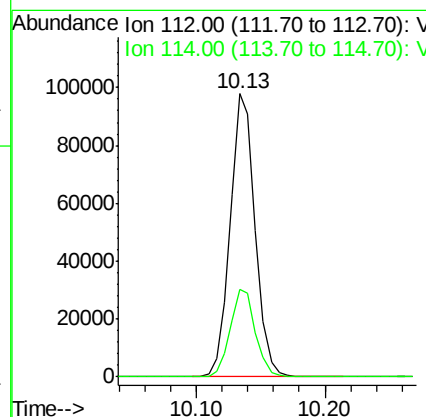
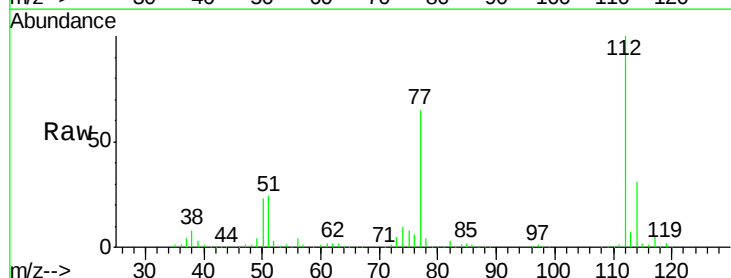
Manual Integrations
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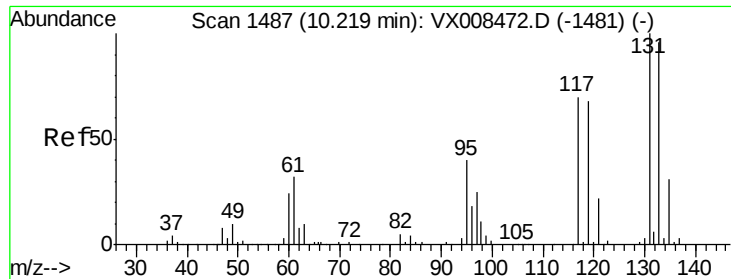
MMDadoda
4/3/2019 10:48:24 AM



#64
Chlorobenzene
Concen: 21.289 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 112 Resp: 132609
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 21.054 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:131 Resp: 46239

Ion Ratio Lower Upper

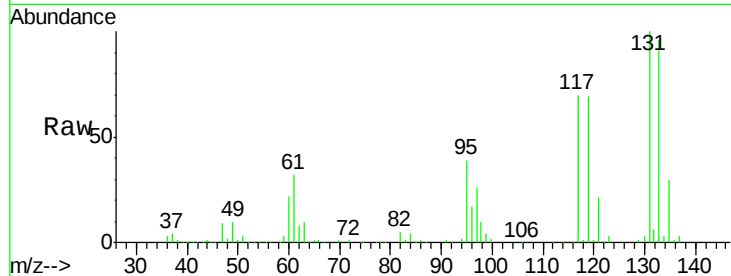
131 100

133 94.4 0.0 191.6

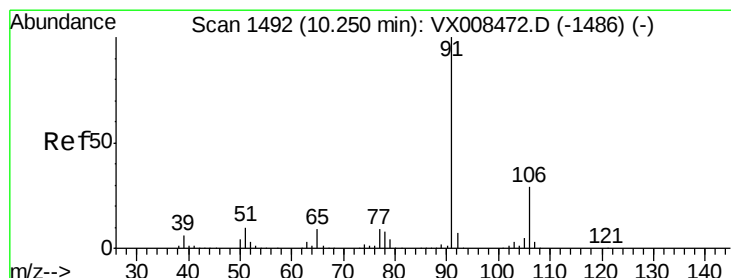
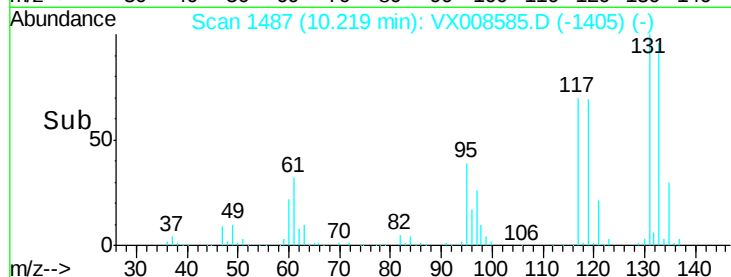
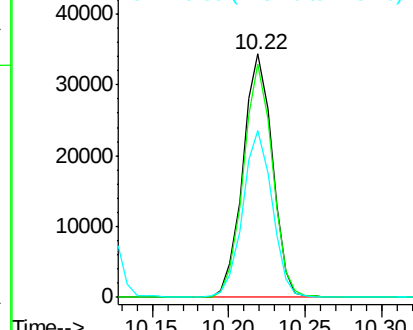
119 68.2 0.0 127.4

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.133 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008585.D

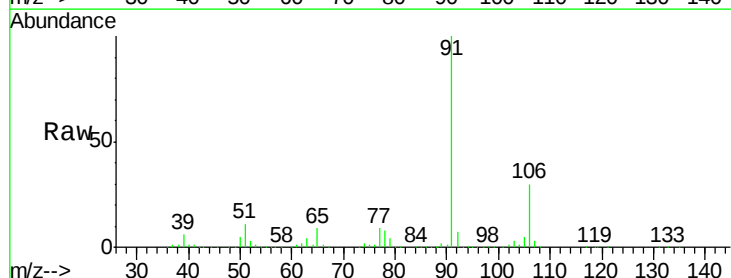
Acq: 02 Apr 2019 10:20

Tgt Ion: 91 Resp: 249362

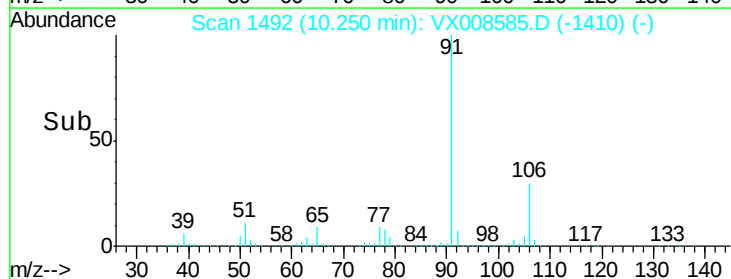
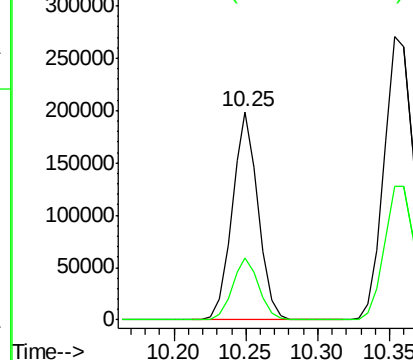
Ion Ratio Lower Upper

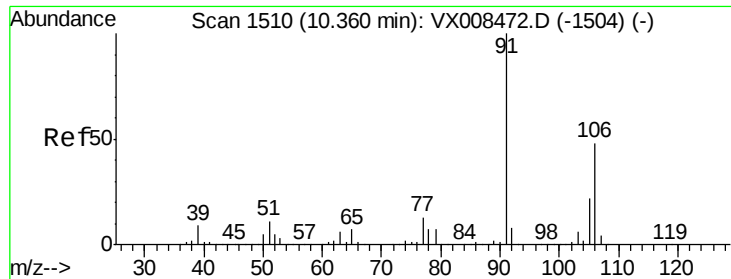
91 100

106 29.8 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 42.094 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDC0020

Tot Ion:106 Resp: 181165

Ion Ratio Lower Upper

106 100

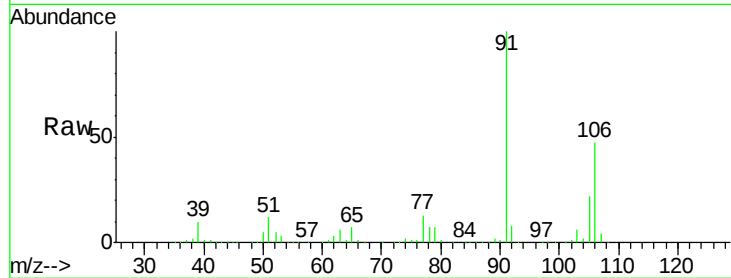
91 209.4 157.0 235.4

Manual Integrations

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4/3/2019 10:48:24 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

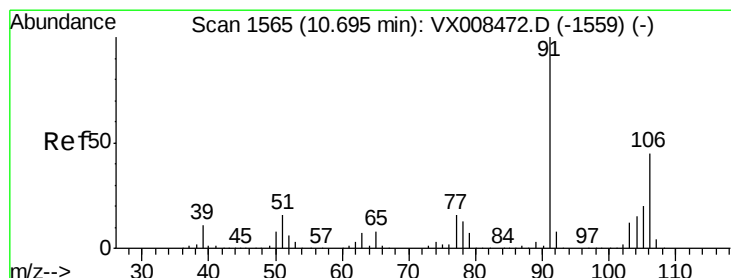
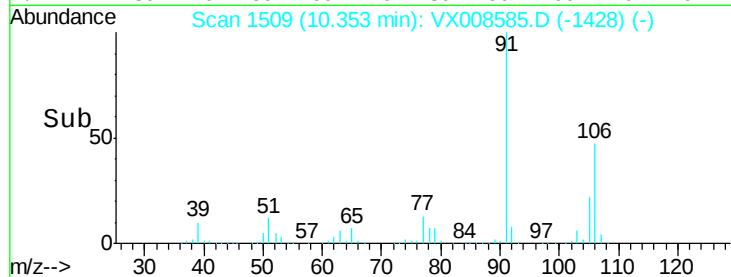
0

10.30

10.35

10.40

Time-->



#68

o-Xylene

Concen: 20.778 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX008585.D

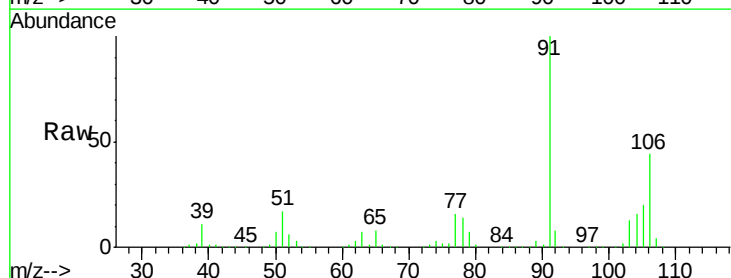
Acq: 02 Apr 2019 10:20

Tgt Ion:106 Resp: 87508

Ion Ratio Lower Upper

106 100

91 222.9 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

100000

50000

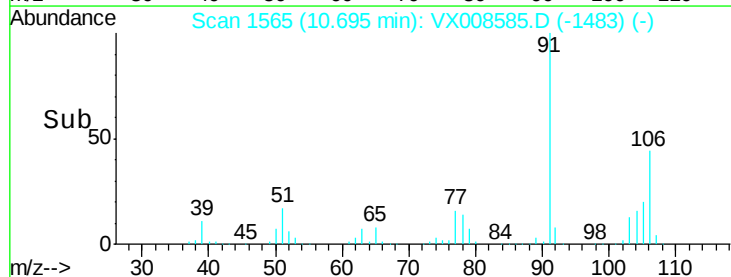
0

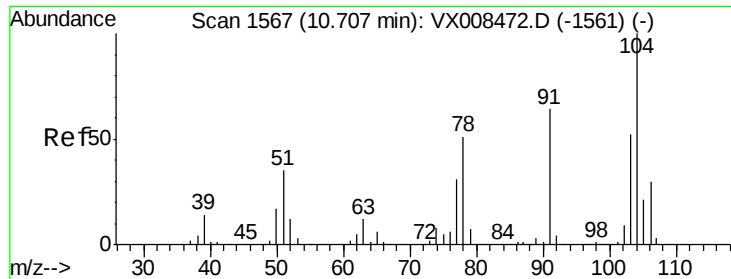
10.65

10.70

10.75

Time-->





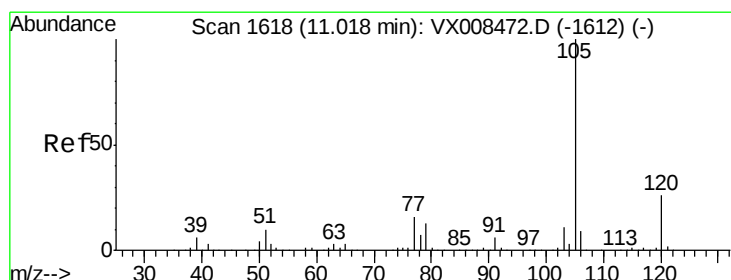
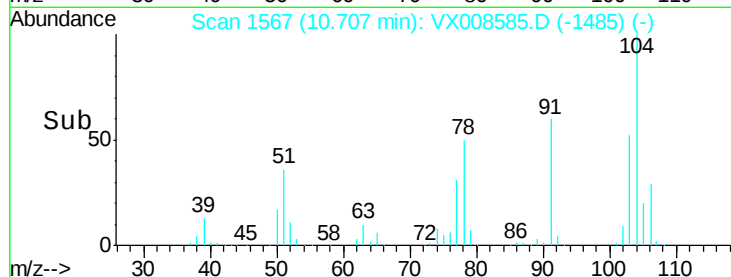
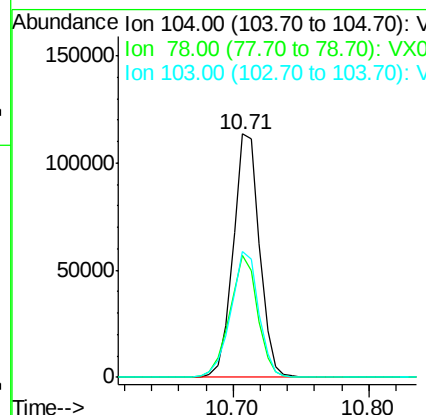
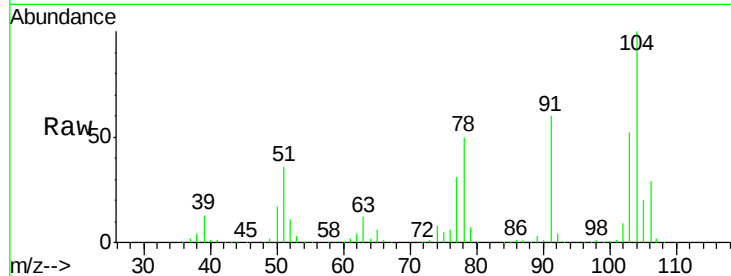
#69
Stvrene
Concen: 20.761 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.0	38.2	57.2
103	54.9	45.0	67.4

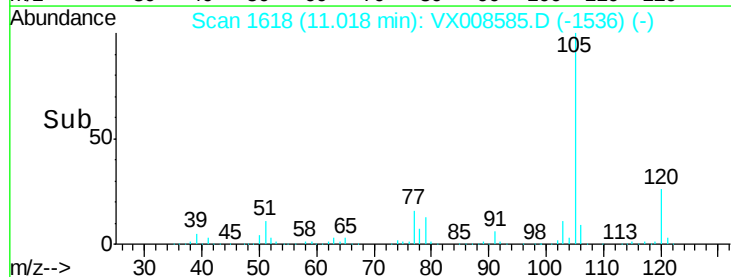
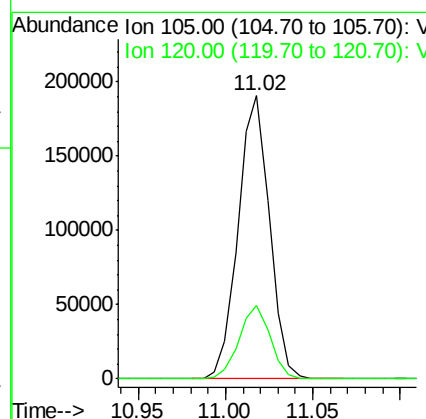
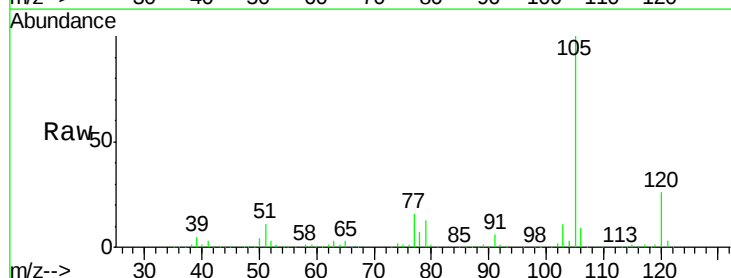
Manual Integrations
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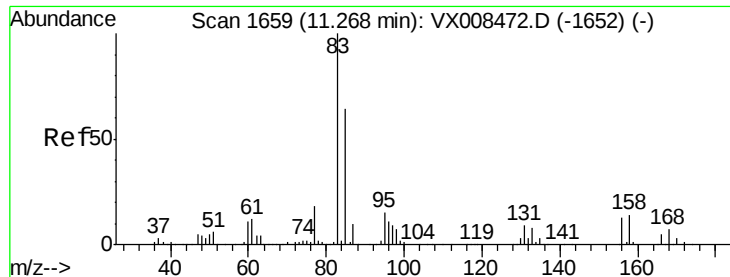
MMDadoda
4/3/2019 10:48:24 AM



#70
Isopropylbenzene
Concen: 21.360 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	19.8	36.8





#71

1,1,2,2-Tetrachloroethane

Concen: 21.130 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

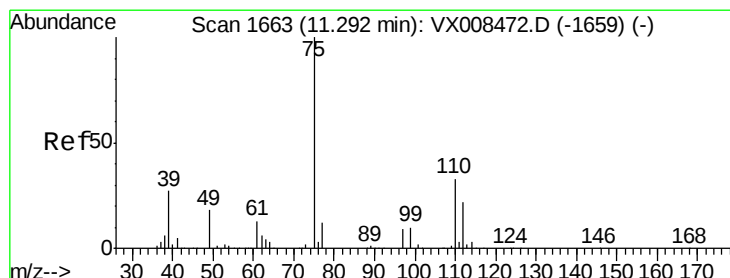
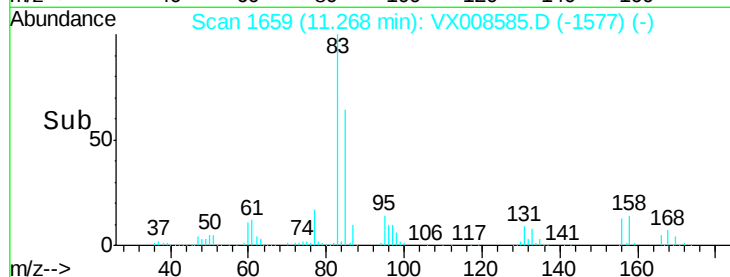
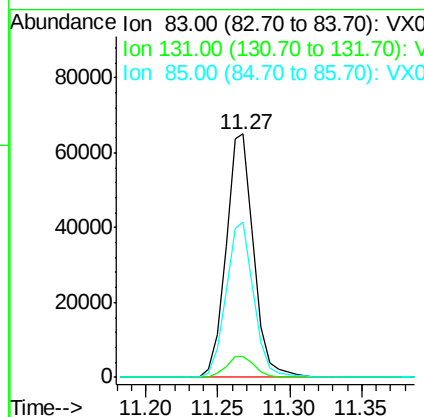
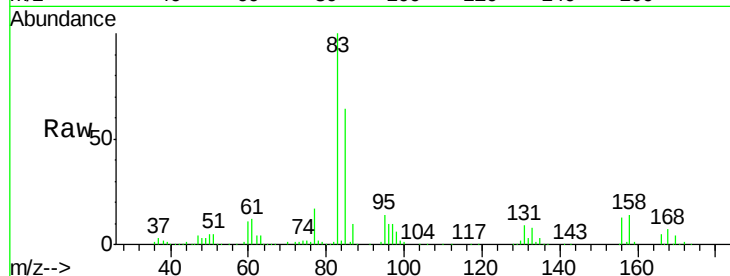
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	87693
Ion Ratio	Lower	Upper	
83	100		
131	8.9	5.4	16.2
85	64.2	32.8	98.4

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 21.577 ug/l m

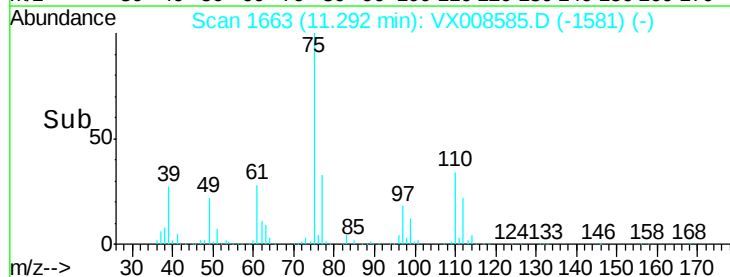
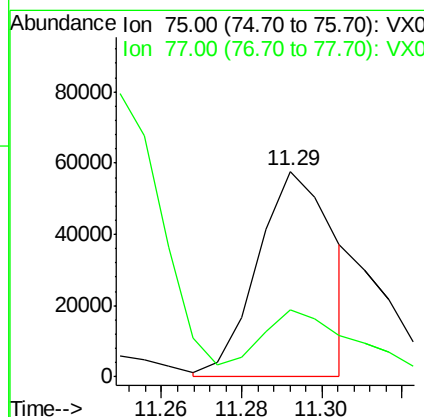
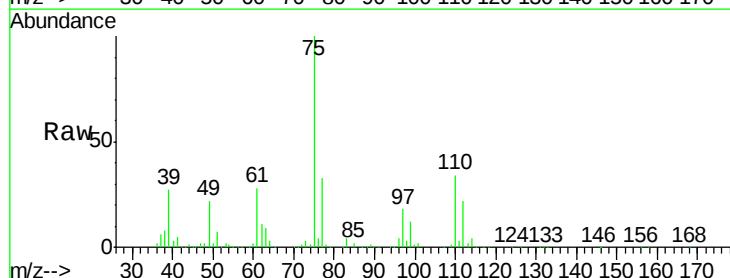
RT: 11.29 min Scan# 1663

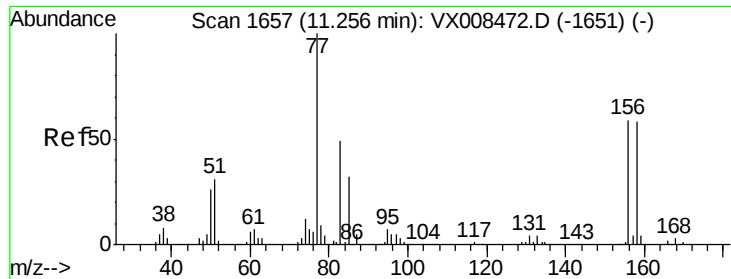
Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Tgt Ion:	75	Resp:	75694
Ion Ratio	Lower	Upper	
75	100		
77	41.3	0.0	76.4





#73

Bromobenzene

Concen: 20.764 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

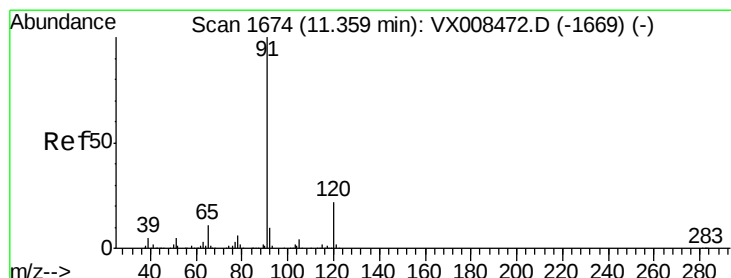
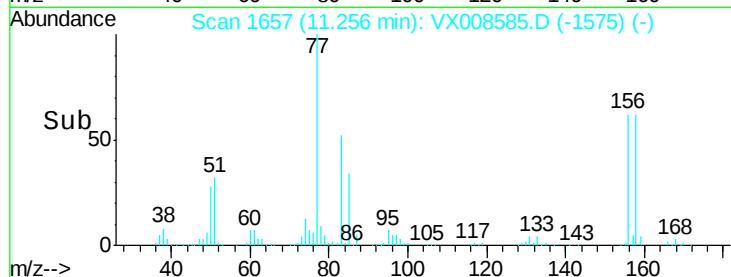
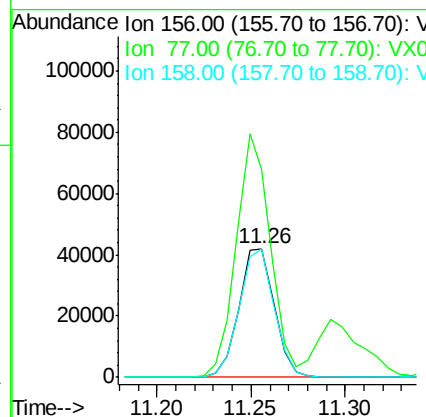
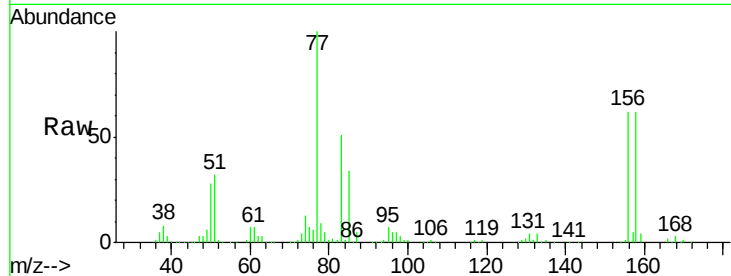
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.3	0.0	271.4
158	98.5	0.0	194.0

Manual Integrations
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#74

n-propylbenzene

Concen: 20.977 ug/l

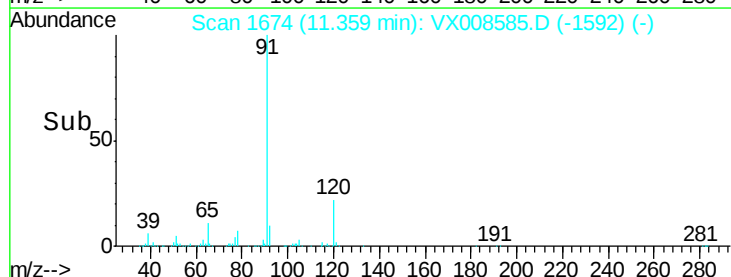
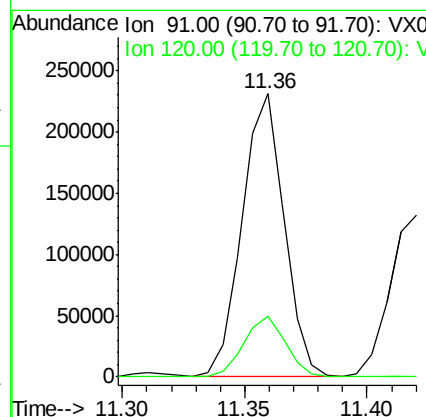
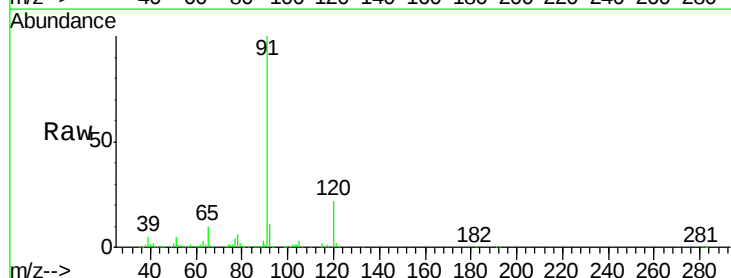
RT: 11.36 min Scan# 1674

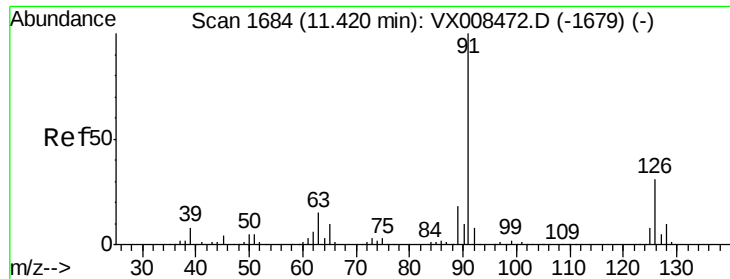
Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	0.0	48.6





#75

2-Chlorotoluene

Concen: 21.139 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 166449

Ion Ratio Lower Upper

91 100

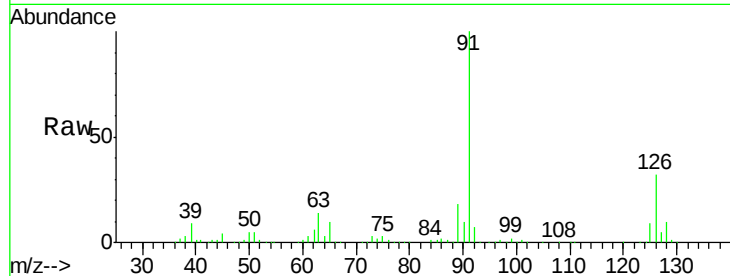
126 31.5 0.0 75.2

Manual Integrations

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4/3/2019 10:48:24 AM



Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008472.D (-1679) (-)

250000

200000

150000

100000

50000

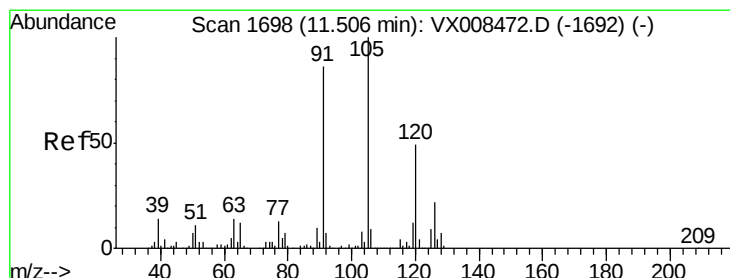
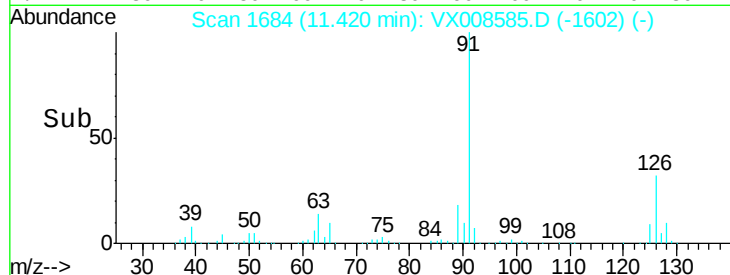
0

11.40

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.025 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008585.D

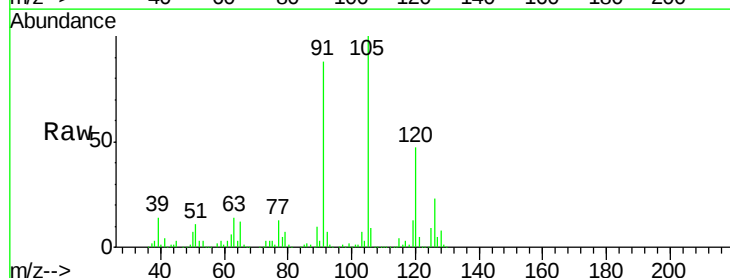
Acq: 02 Apr 2019 10:20

Tgt Ion:105 Resp: 199700

Ion Ratio Lower Upper

105 100

120 47.2 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008472.D (-1692) (-)

200000

150000

100000

50000

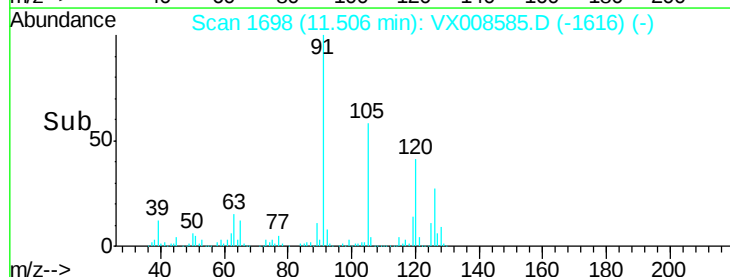
0

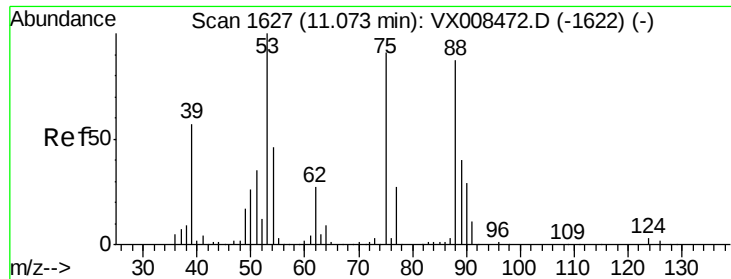
11.45

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.814 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 75 Resp: 26662

Ion Ratio Lower Upper

75 100

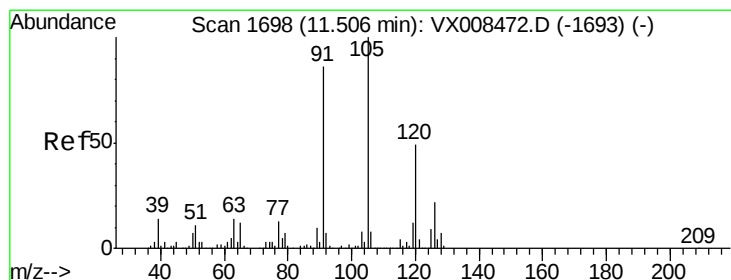
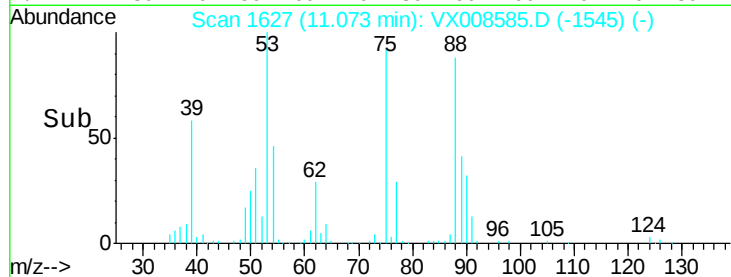
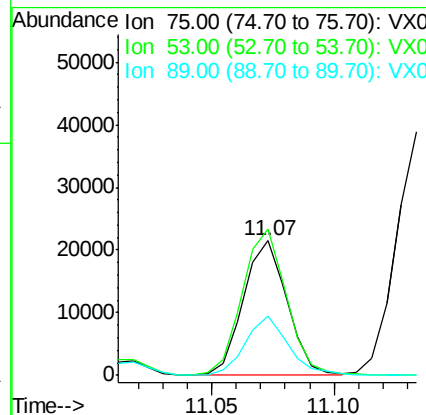
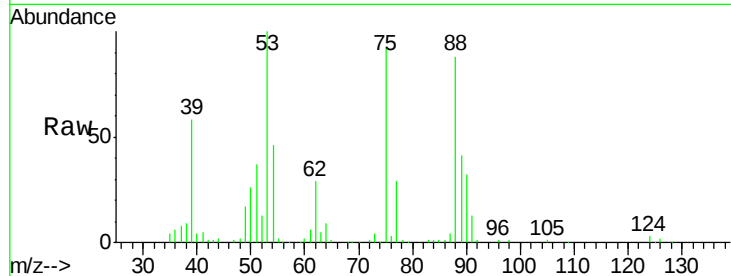
53 108.2 55.5 166.7

89 44.2 24.4 73.2

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#78

4-Chlorotoluene

Concen: 20.780 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008585.D

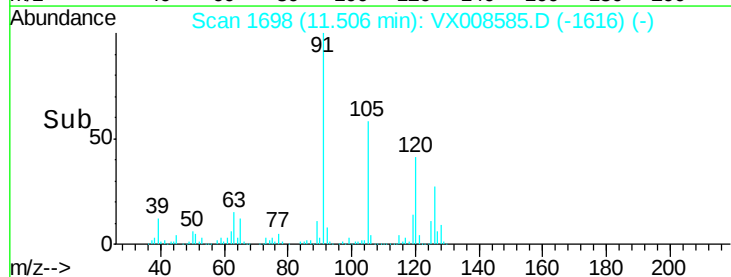
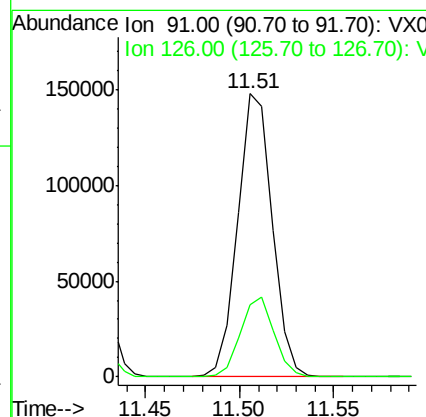
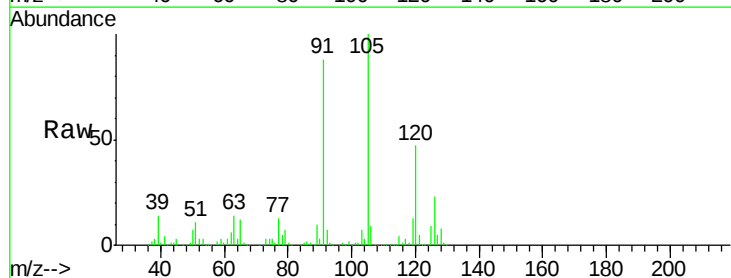
Acq: 02 Apr 2019 10:20

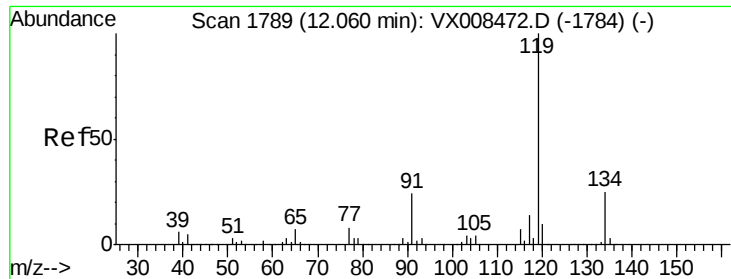
Tgt Ion: 91 Resp: 188311

Ion Ratio Lower Upper

91 100

126 27.3 0.0 66.2





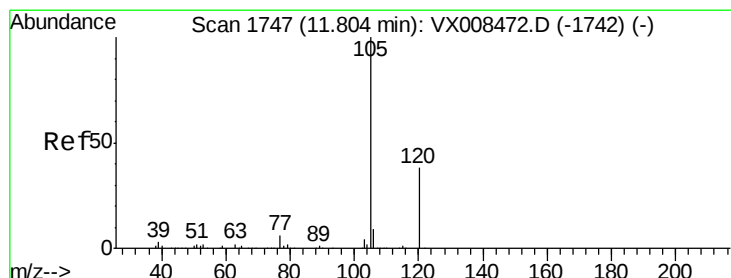
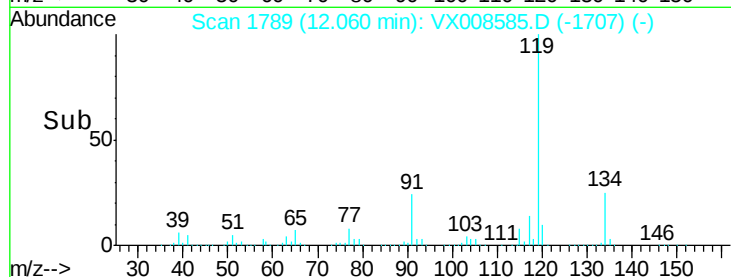
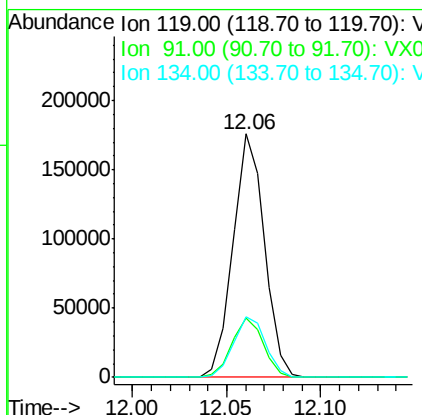
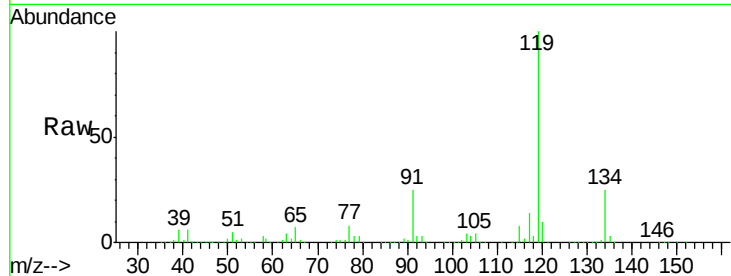
#79
tert-butylbenzene
Concen: 20.999 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	203830		
91	24.5	0.0	45.0	
134	25.5	0.0	55.4	

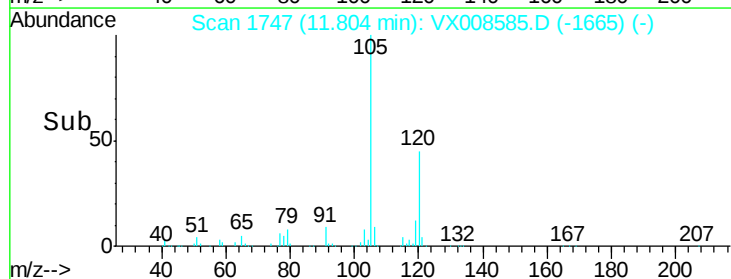
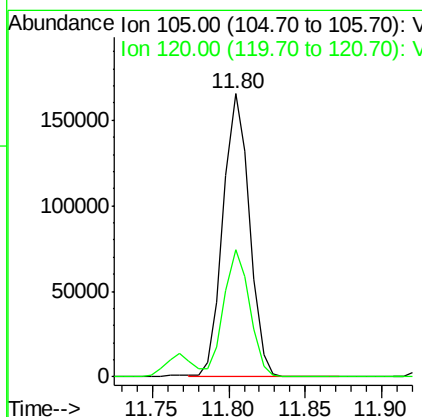
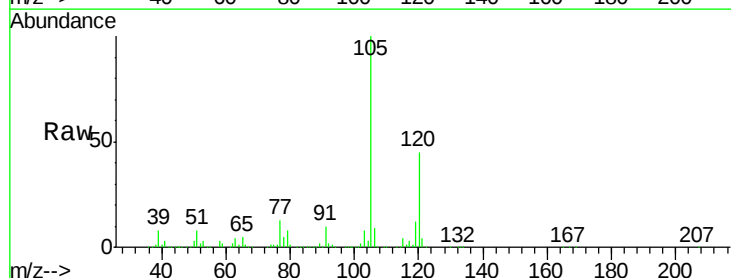
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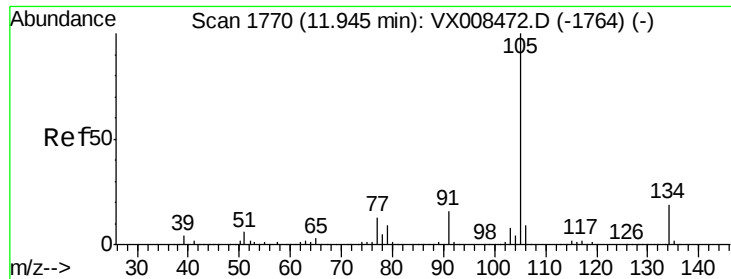
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 20.950 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198408		
120	43.5	0.0	94.0	





#81

sec-Butylbenzene

Concen: 21.072 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:105 Resp: 228672

Ion Ratio Lower Upper

105 100

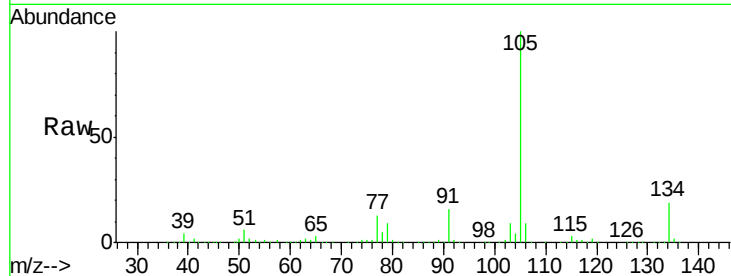
134 18.7 0.0 41.8

Manual Integrations

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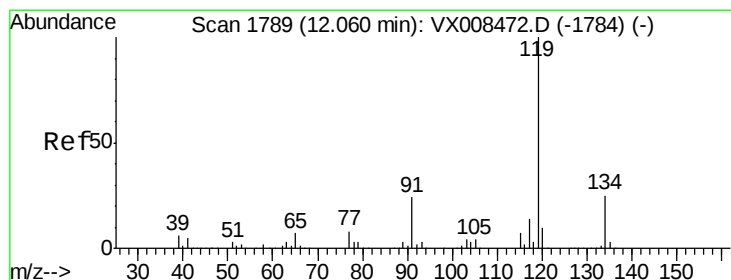
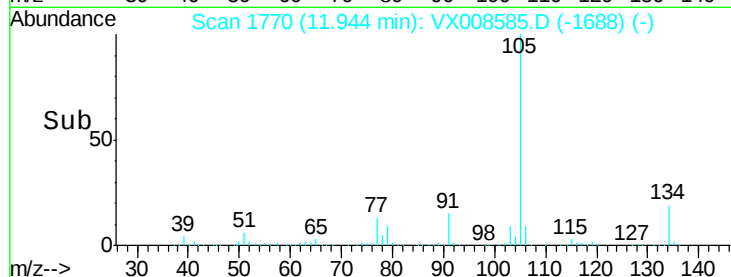
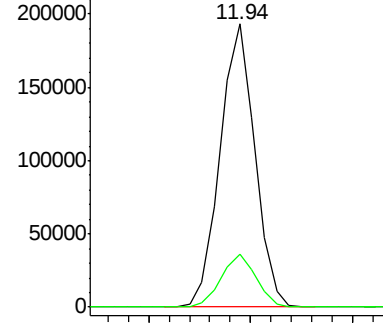
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.999 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

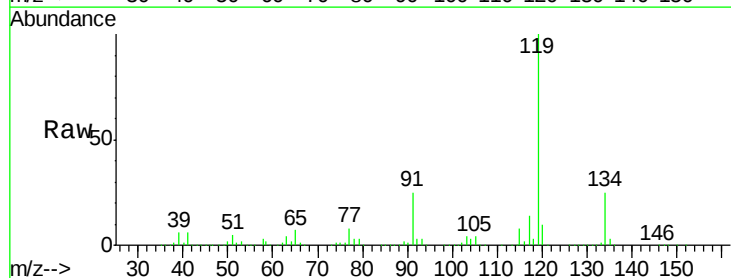
Tgt Ion:119 Resp: 203830

Ion Ratio Lower Upper

119 100

134 25.5 0.0 55.4

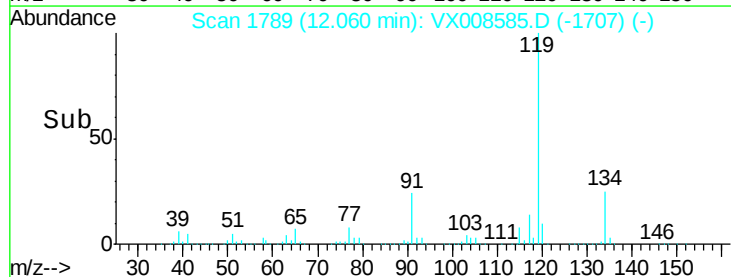
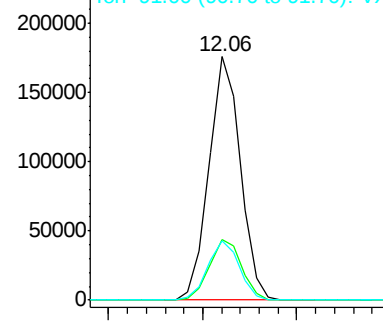
91 24.5 0.0 45.0

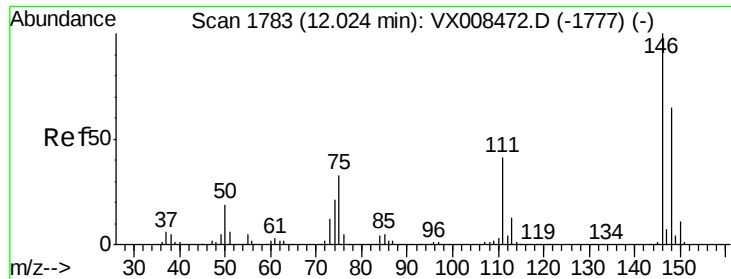


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





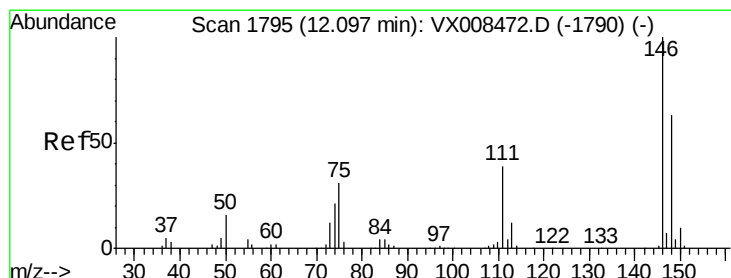
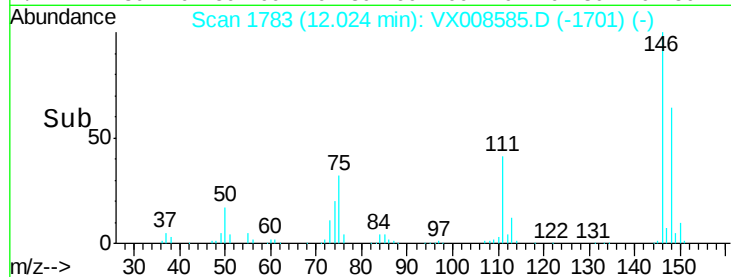
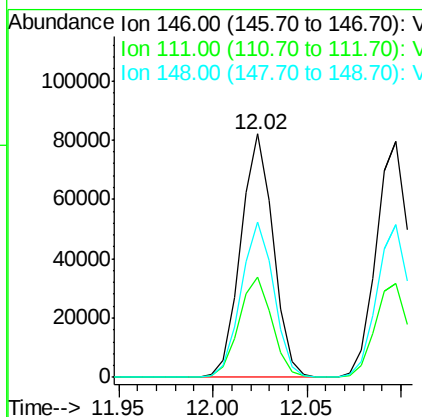
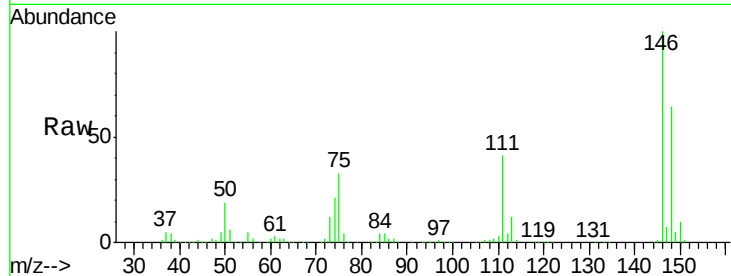
#83
 1,3-Dichlorobenzene
 Concen: 20.883 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	18.8	56.3
148	64.5	30.6	91.8

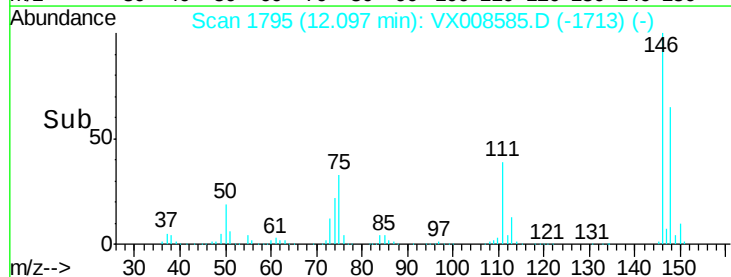
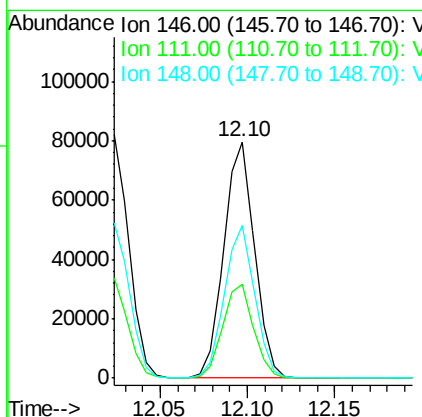
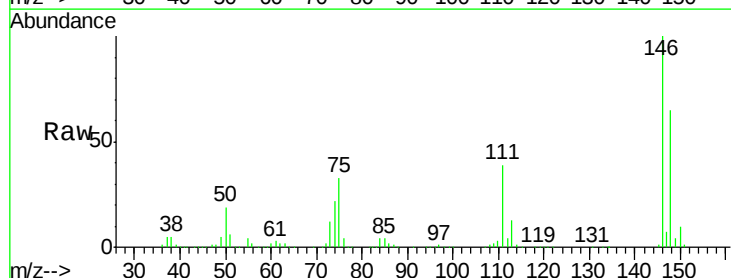
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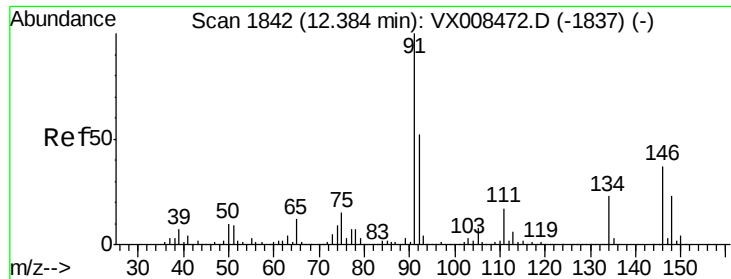
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#84
 1,4-Dichlorobenzene
 Concen: 20.749 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	17.6	52.8
148	63.8	31.4	94.2





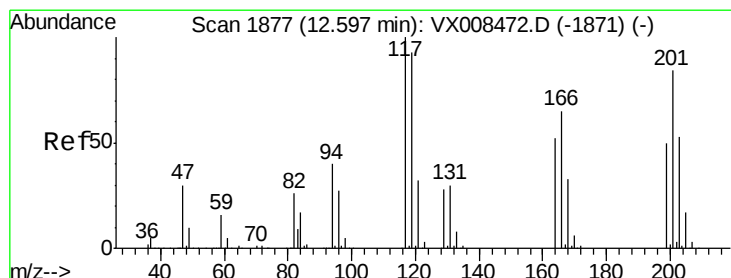
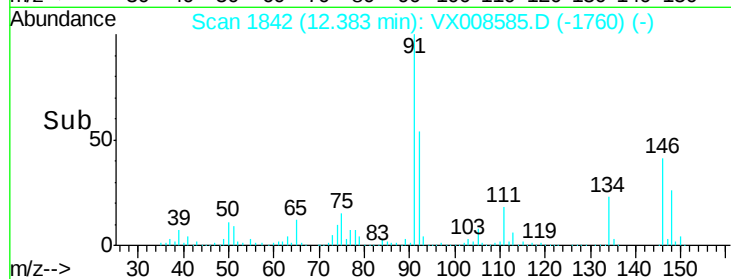
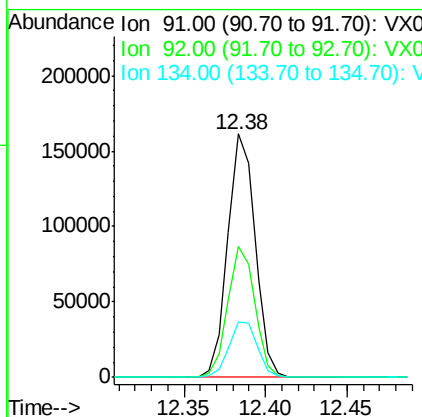
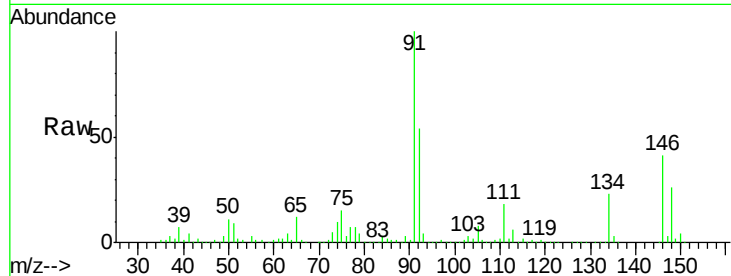
#85
n-Butylbenzene
Concen: 20.513 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	189185		
92	53.2	0.0	105.2	
134	23.7	0.0	56.4	

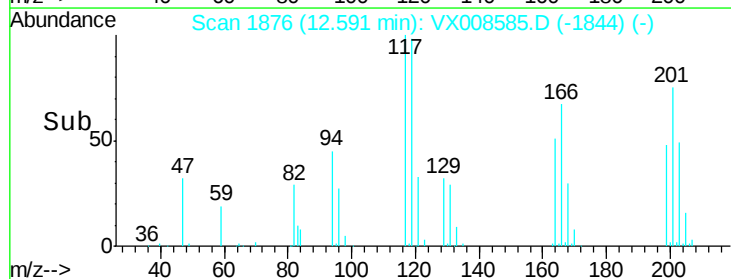
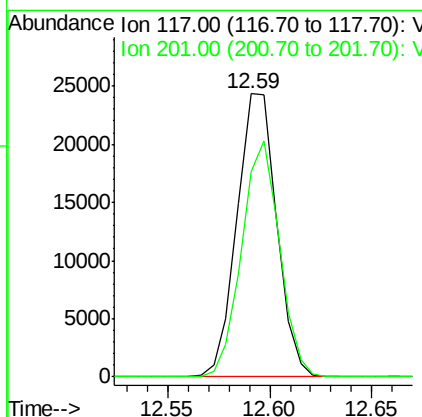
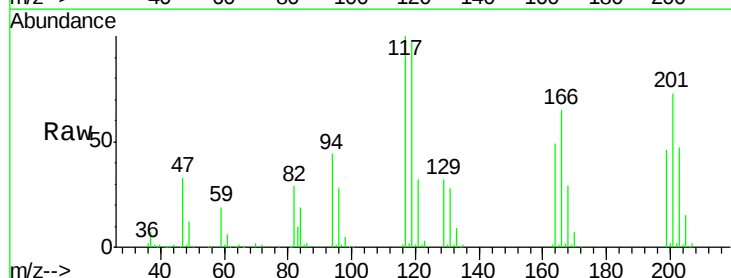
Manual Integrations
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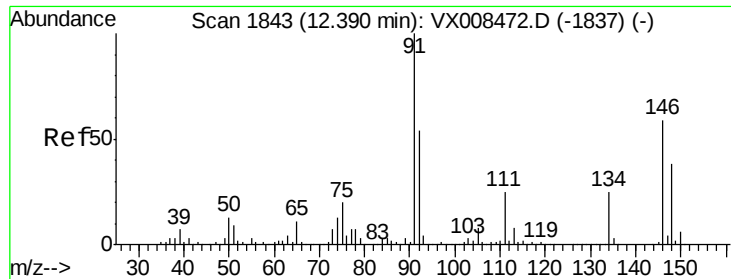
MMDadoda
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#86
Hexachloroethane
Concen: 20.312 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32942		
201	79.5	41.1	123.3	





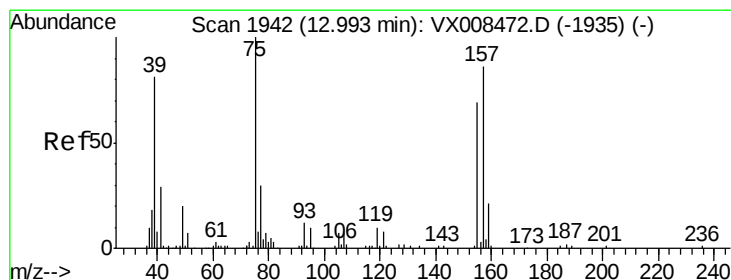
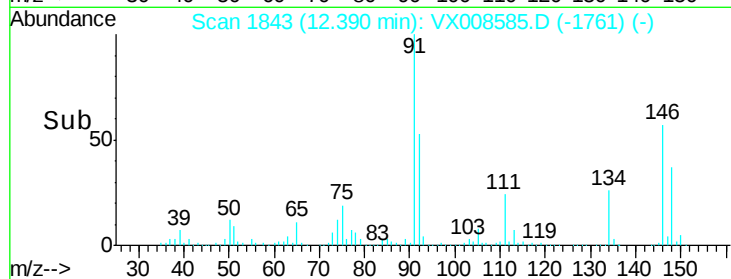
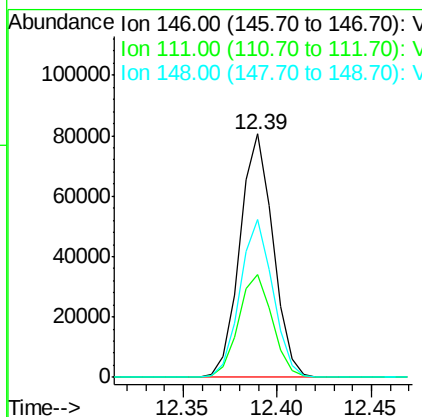
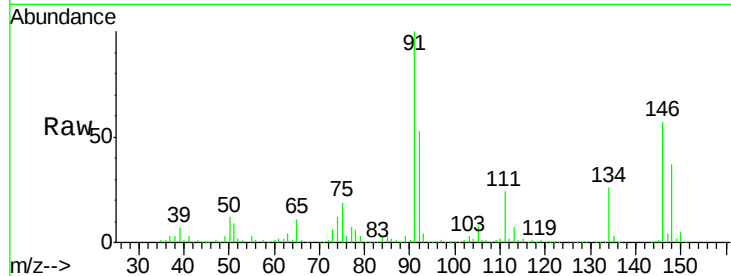
#87
 1,2-Dichlorobenzene
 Concen: 20.807 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		98378		
111	43.0	19.3	57.8		
148	64.1	32.1	96.3		

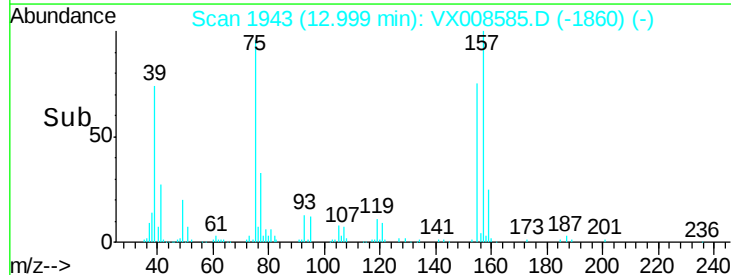
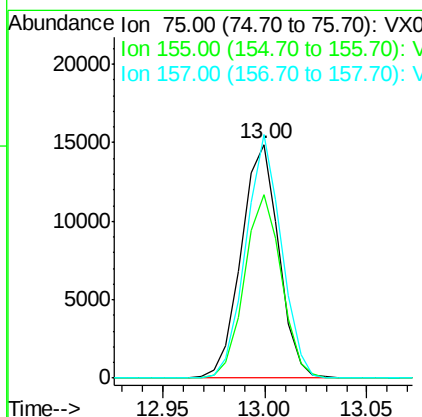
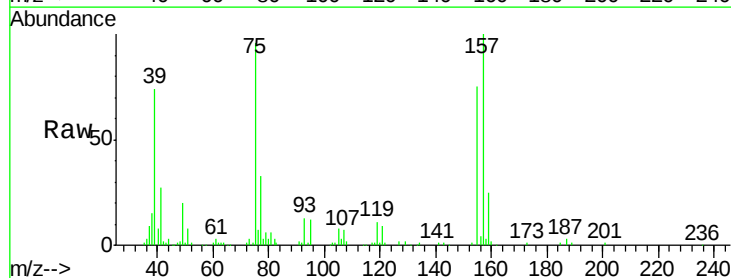
Manual Integrations
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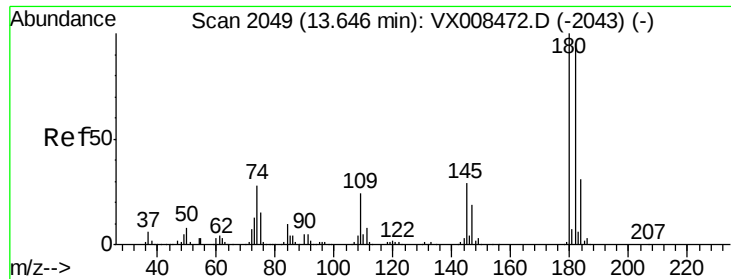
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.692 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100		19034		
155	77.0	81.0	121.6#		
157	99.0	103.2	154.8#		





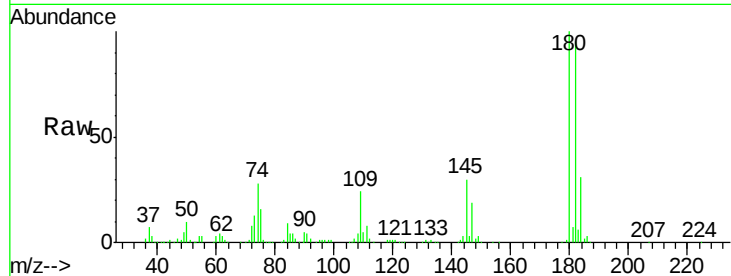
#89
 1,2,4-Trichlorobenzene
 Concen: 21.065 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

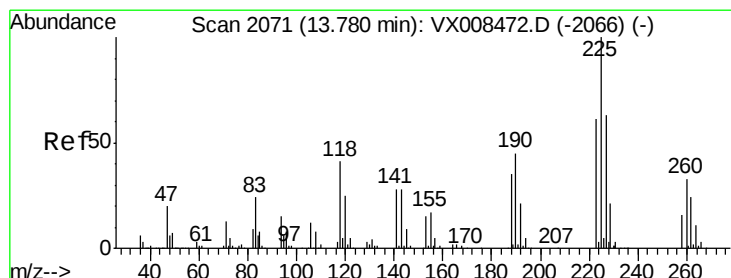
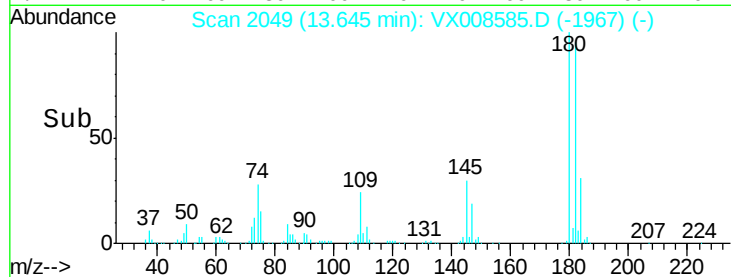
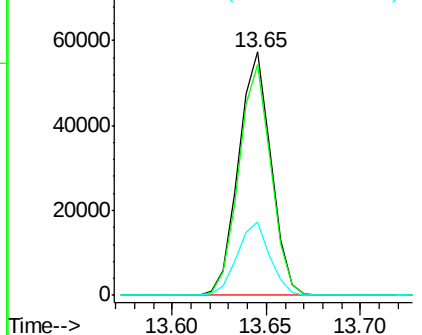
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.6	113.4
145	30.2	23.0	34.6

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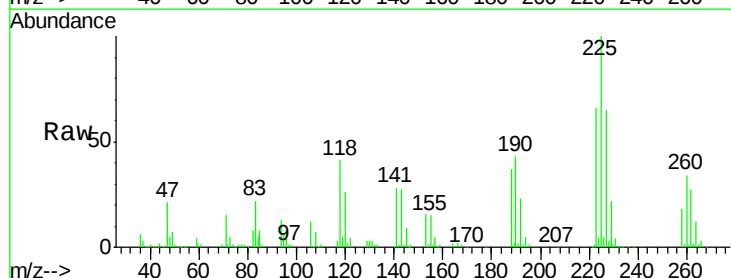


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

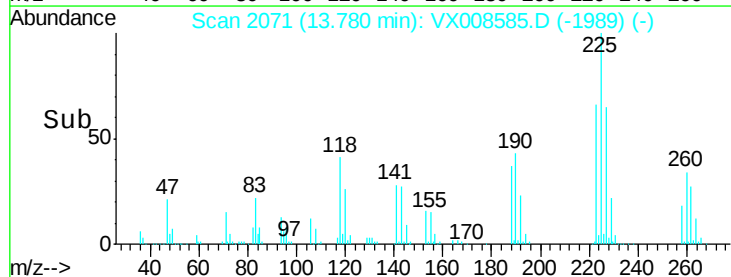
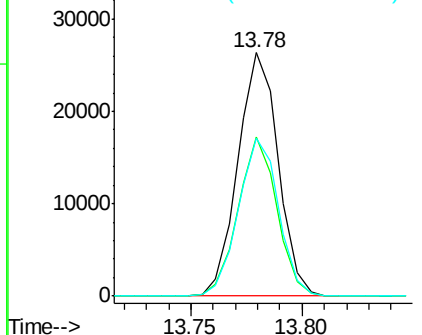


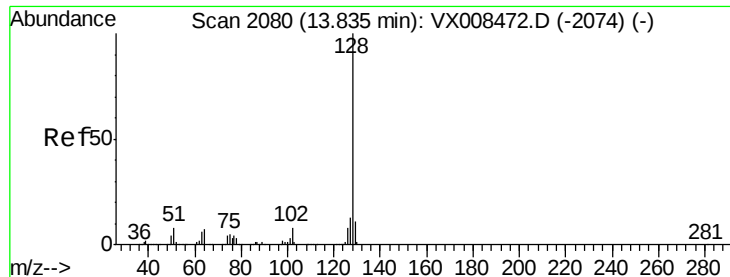
#90
 Hexachlorobutadiene
 Concen: 21.108 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	123.8
227	64.7	0.0	124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





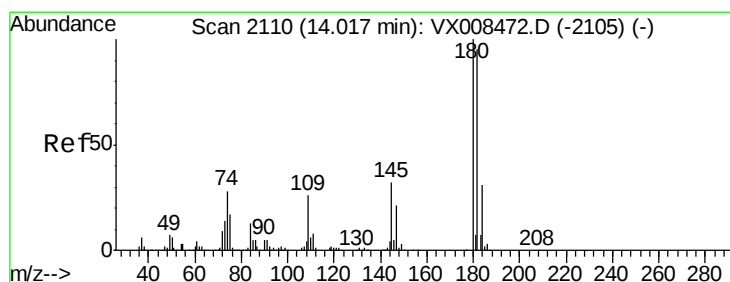
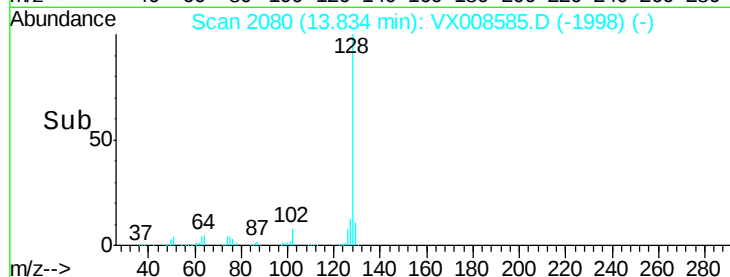
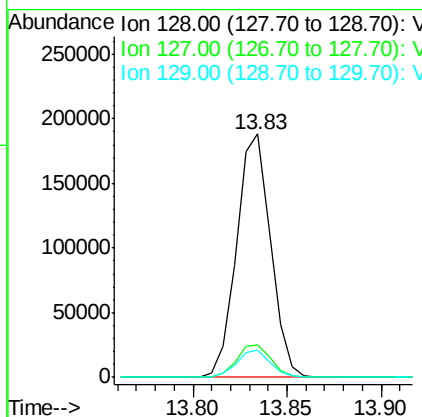
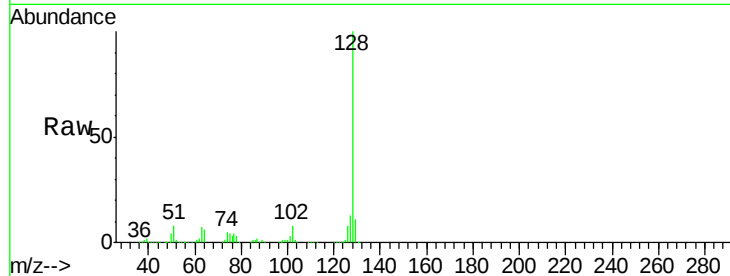
#91
Naphthalene
Concen: 21.074 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	235485		
127	13.3		10.5	15.7
129	11.0		8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 21.447 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70459		
182	96.1		0.0	193.0
145	31.8		0.0	63.0

