

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008588.D
 Acq On : 02 Apr 2019 12:04
 Operator : JC/SP
 Sample : VX0402WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 10:48:30 AM

Quant Time: Apr 02 15:26:57 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	5.02	128	33825	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	192829	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	171952	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	83988	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.13	95	88605m	29.57	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.57%
63) Toluene-d8	8.71	98	247181	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	42104	18.204	ug/l 98
3) Chloromethane	1.32	50	57787	19.069	ug/l 95
4) Vinyl Chloride	1.40	62	55257	18.090	ug/l 98
5) Bromomethane	1.64	94	22957	14.505	ug/l 97
6) Chloroethane	1.72	64	33164	16.588	ug/l 98
7) Trichlorofluoromethane	1.93	101	61969	18.278	ug/l 98
8) Diethyl Ether	2.19	74	29980	18.751	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38856	18.403	ug/l 92
10) 1,1-Dichloroethene	2.37	96	40071	18.707	ug/l 83
11) Methyl Iodide	2.51	142	28310	12.764	ug/l 96
12) Methyl Acetate	3.20	43	32876m	18.937	ug/l
13) Acrolein	2.29	56	48641	97.663	ug/l 100
14) Acrylonitrile	3.14	53	160583	100.047	ug/l 99
15) Acetone	2.44	58	47722	96.416	ug/l 95
16) Carbon Disulfide	2.57	76	118955	17.852	ug/l 98
17) Allyl chloride	2.73	41	91041	18.911	ug/l 93
18) Methylene Chloride	2.85	84	48903	19.099	ug/l # 84
19) trans-1,2-Dichloroethene	3.17	96	42813	18.708	ug/l 88
20) Diisopropyl ether	3.85	45	180759	19.292	ug/l # 87
21) 1,1-Dichloroethane	3.70	63	89140	18.953	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	49863	18.855	ug/l # 82
23) tert-Butyl Alcohol	3.04	59	63219	97.540	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	148089	18.812	ug/l 99
25) Chloroform	5.21	83	80720	18.947	ug/l 99
26) Cyclohexane	5.58	56	85526	18.718	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	62244	19.187	ug/l 93
30) 2-Butanone	4.67	43	242646	101.716	ug/l 93
31) 2,2-Dichloropropane	4.59	77	62227	19.206	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	64265	19.077	ug/l # 94
33) Carbon Tetrachloride	5.79	117	52727	18.707	ug/l 96
34) Benzene	6.14	78	192132	19.375	ug/l # 95
35) Methacrylonitrile	5.04	41	48874	20.146	ug/l 92
36) 1,2-Dichloroethane	6.20	62	70249	19.870	ug/l 97
37) Trichloroethene	7.21	130	43334	19.002	ug/l # 80
38) Methylcyclohexane	7.46	83	76979	18.831	ug/l 88
39) 1,2-Dichloropropane	7.51	63	54266	19.294	ug/l 98
40) Dibromomethane	7.66	93	31140	19.112	ug/l 89

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 Response via : Initial Calibration

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

41) Bromodichloromethane	7.90	83	61525	19.205	ug/l	98
42) Vinyl Acetate	3.81	43	803215	99.325	ug/l #	94
43) Ethyl Acetate	4.83	43	89094	20.751	ug/l #	80
44) Isopropyl Acetate	6.45	43	135869	19.570	ug/l	98
45) 1,4-Dioxane	7.74	88	27758	401.632	ug/l #	82
46) Methyl methacrylate	7.77	41	68348	19.384	ug/l	87
47) n-amyl Acetate	10.90	43	119002	18.870	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	66760	18.449	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	75837	18.737	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	45719	18.898	ug/l	96
51) Ethyl methacrylate	9.18	69	85070	18.896	ug/l	91
52) 1,3-Dichloropropane	9.37	76	84607	19.657	ug/l	98
53) Dibromochloromethane	9.58	129	43573	18.302	ug/l	98
54) 1,2-Dibromoethane	9.67	107	47005	18.848	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	227642	100.228	ug/l	95
56) Bromoform	10.85	173	30837	17.773	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	457748	100.906	ug/l	95
59) 2-Hexanone	9.49	43	359030	100.177	ug/l	96
61) Tetrachloroethene	9.34	164	37625	20.004	ug/l	97
62) Toluene	8.78	91	201892	19.392	ug/l	99
64) Chlorobenzene	10.13	112	116091	19.030	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	40542	18.850	ug/l	98
66) Ethyl Benzene	10.25	91	219468	18.992	ug/l	96
67) m/p-Xylenes	10.36	106	157730	37.423	ug/l	91
68) o-Xylene	10.69	106	77520	18.795	ug/l	92
69) Styrene	10.71	104	133021	18.535	ug/l	96
70) Isopropylbenzene	11.02	105	205136	18.855	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	79063	19.452	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	68127m	19.830	ug/l	
73) Bromobenzene	11.26	156	47488	18.346	ug/l	74
74) n-propylbenzene	11.36	91	240337	18.543	ug/l	94
75) 2-Chlorotoluene	11.42	91	145216	18.832	ug/l	89
76) 1,3,5-Trimethylbenzene	11.51	105	172247	18.518	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24188	18.355	ug/l	97
78) 4-Chlorotoluene	11.51	91	161707	18.221	ug/l	90
79) tert-butylbenzene	12.06	119	175407	18.453	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	171884	18.533	ug/l	97
81) sec-Butylbenzene	11.94	105	197967	18.627	ug/l	96
82) p-Isopropyltoluene	12.06	119	175407	18.453	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	85161	18.532	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	84015	18.295	ug/l	97
85) n-Butylbenzene	12.38	91	160854	17.810	ug/l	96
86) Hexachloroethane	12.60	117	28870	18.177	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	86696	18.723	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17710	19.659	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	57898	18.127	ug/l	98
90) Hexachlorobutadiene	13.78	225	28887	18.773	ug/l	99
91) Naphthalene	13.83	128	207566	18.968	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	60081	18.674	ug/l	99

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ClientSampleId :
VX0402WBS01

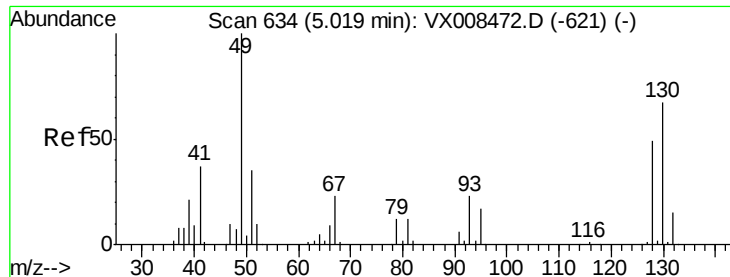
Manual Integrations
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QLast Update : Wed Mar 27 12:01:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion:128 Resp: 33825

Ion Ratio Lower Upper

128 100

49 208.9 0.0 350.8

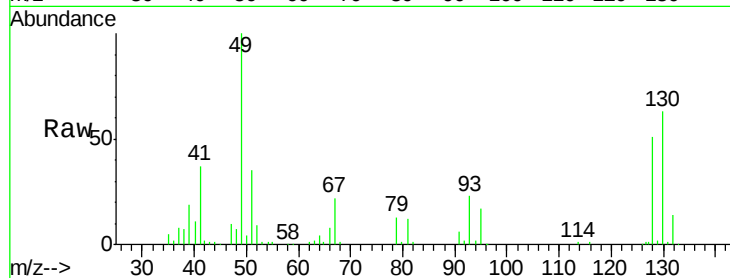
130 127.4 0.0 325.8

Manual Integrations

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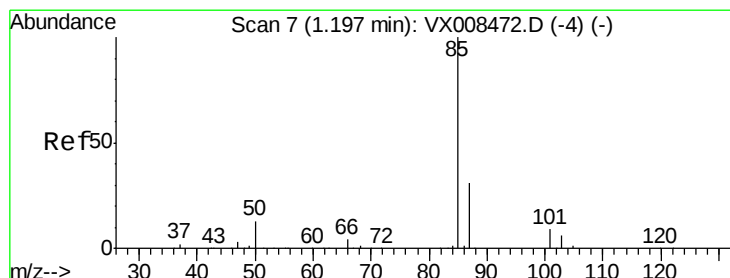
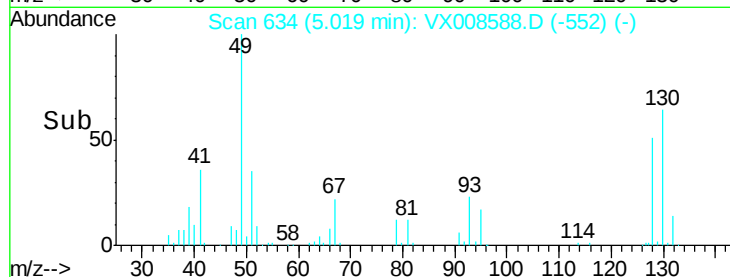
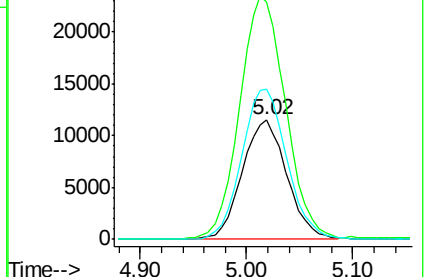
4/3/2019 10:48:30 AM



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: 18.204 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008588.D

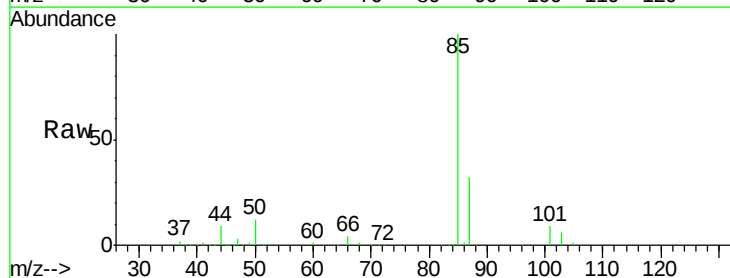
Acq: 02 Apr 2019 12:04

Tgt Ion: 85 Resp: 42104

Ion Ratio Lower Upper

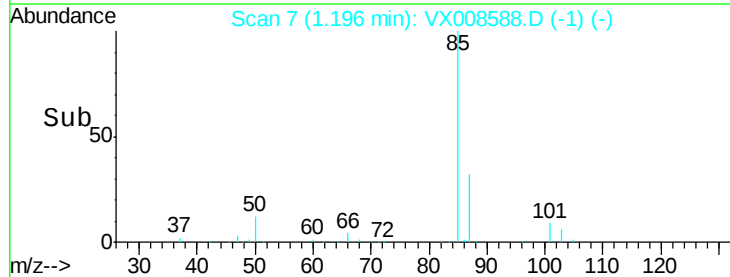
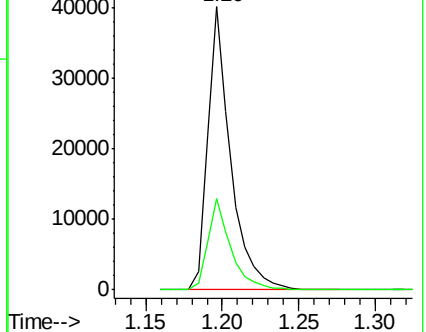
85 100

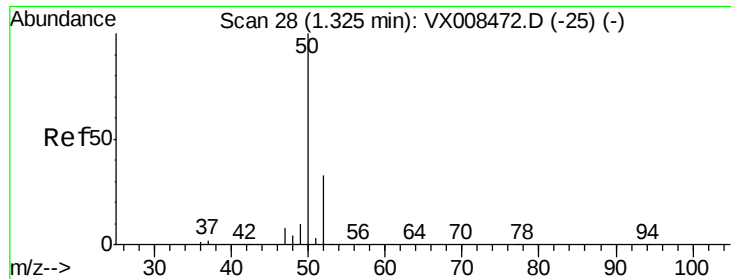
87 32.1 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.069 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 50 Resp: 57787

Ion Ratio Lower Upper

50 100

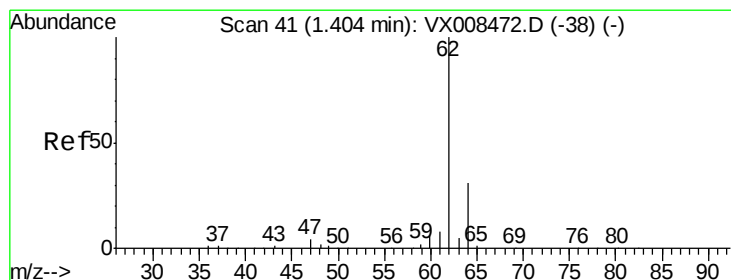
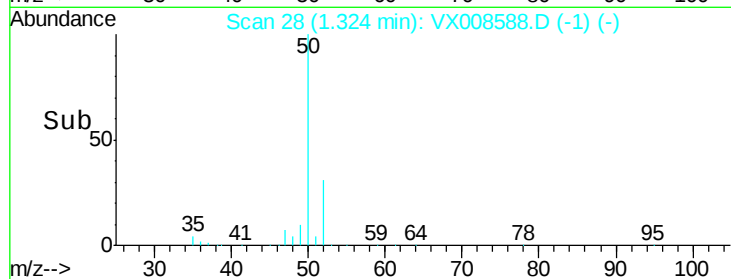
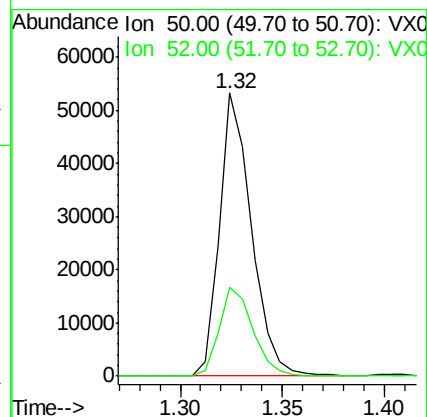
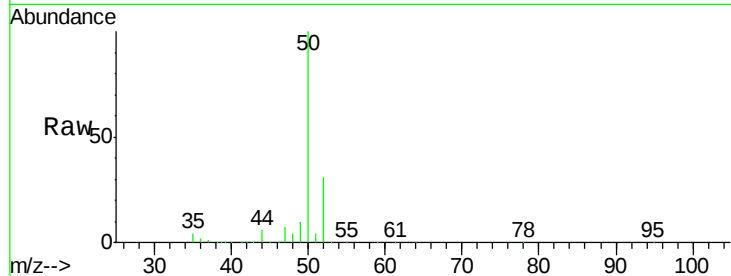
52 31.3 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.090 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008588.D

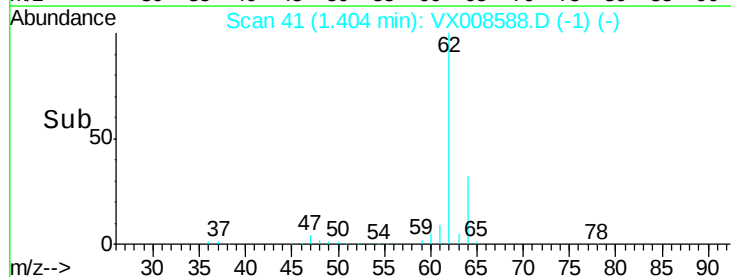
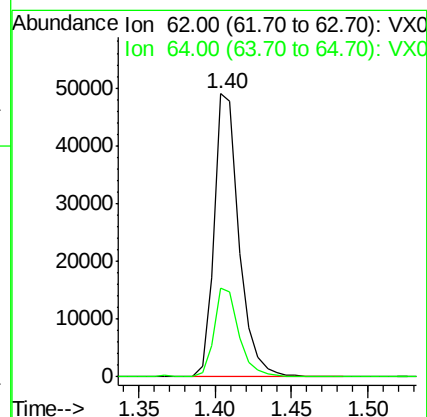
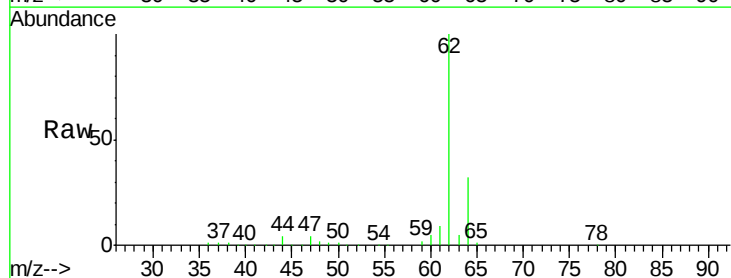
Acq: 02 Apr 2019 12:04

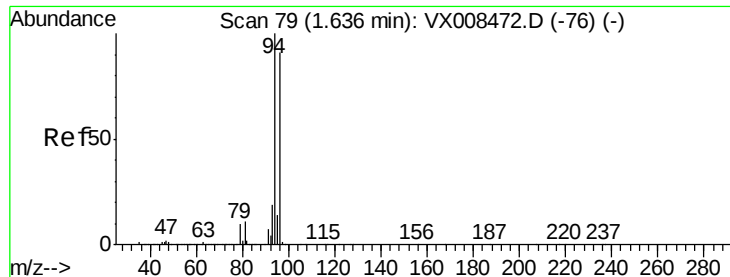
Tgt Ion: 62 Resp: 55257

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 14.505 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 94 Resp: 22957

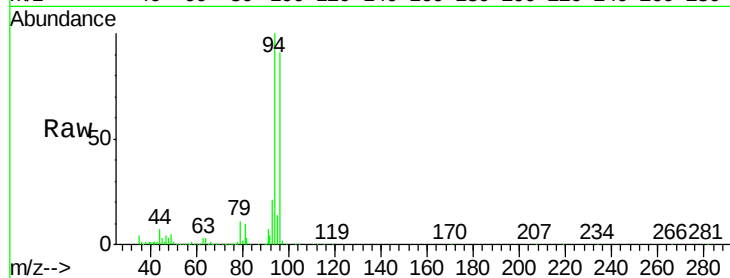
Ion Ratio Lower Upper

94 100

96 91.3 75.6 113.4

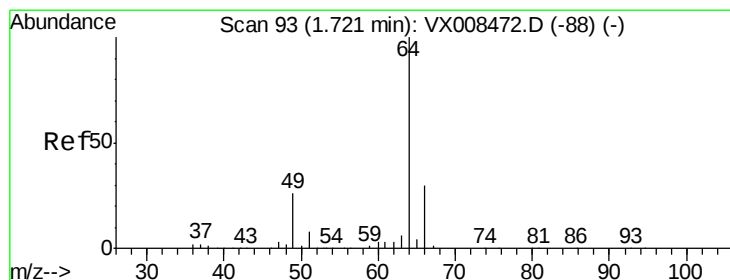
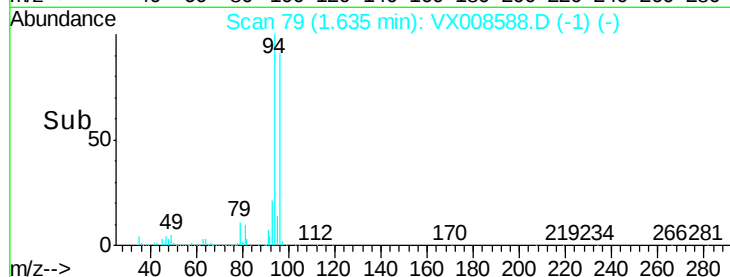
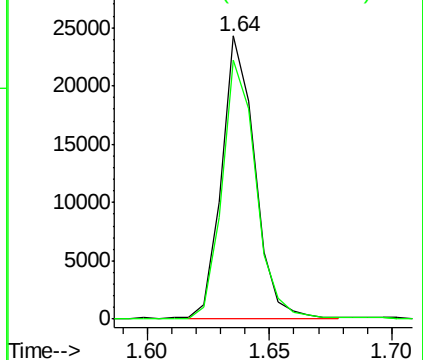
Manual Integrations
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4/3/2019 10:48:30 AM



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.588 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008588.D

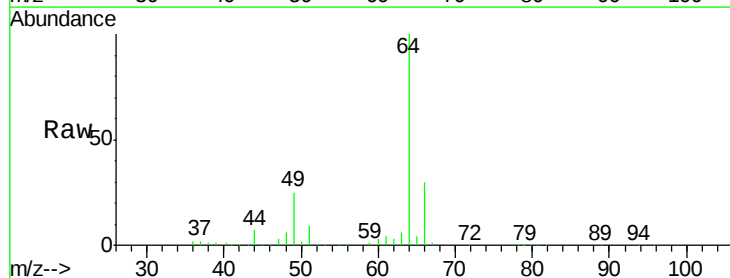
Acq: 02 Apr 2019 12:04

Tgt Ion: 64 Resp: 33164

Ion Ratio Lower Upper

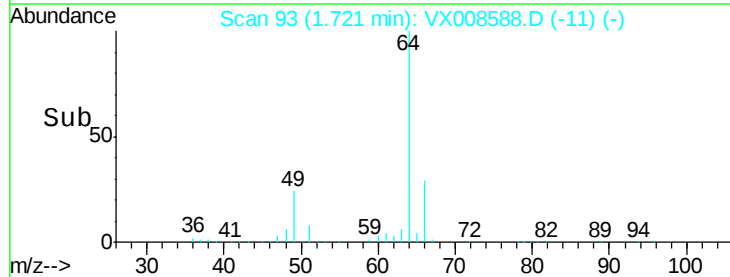
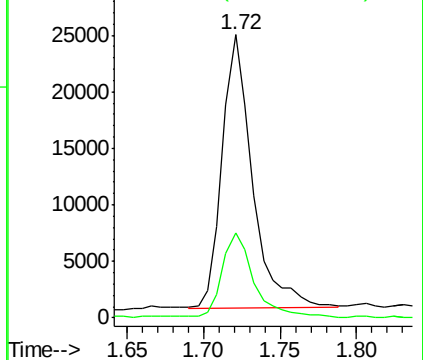
64 100

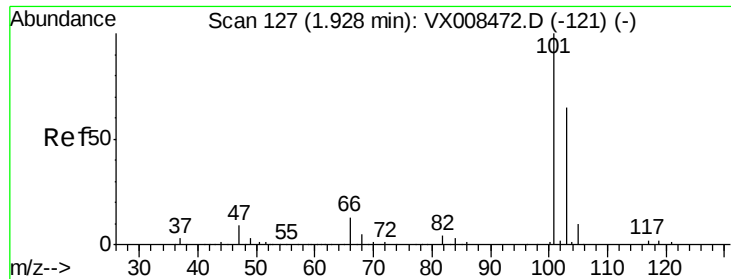
66 30.9 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

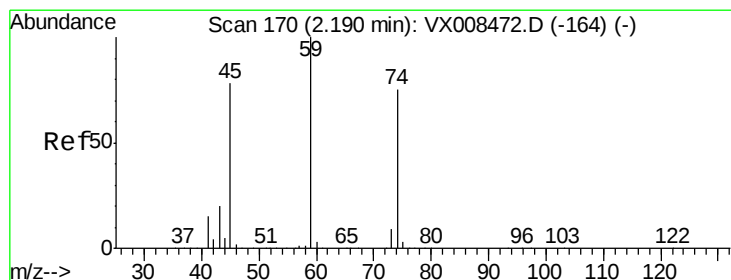
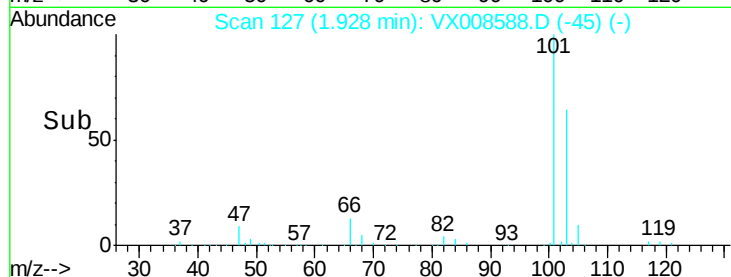
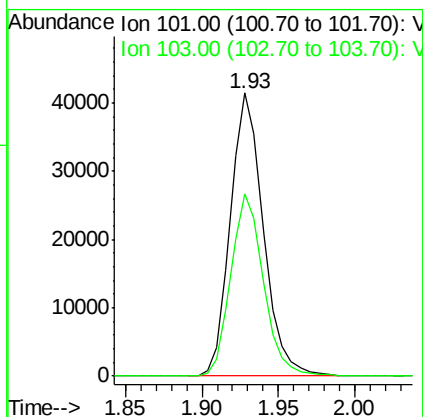
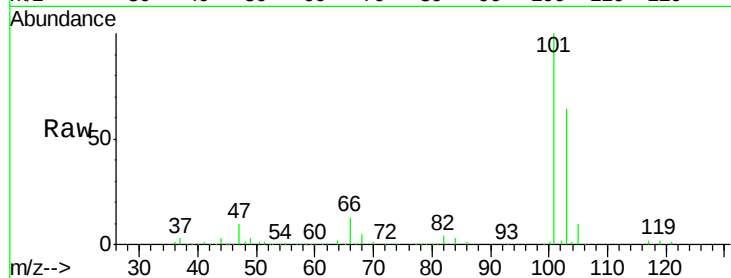
Trichlorofluoromethane
 Concen: 18.278 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

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 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.4	75.6

Manual Integrations
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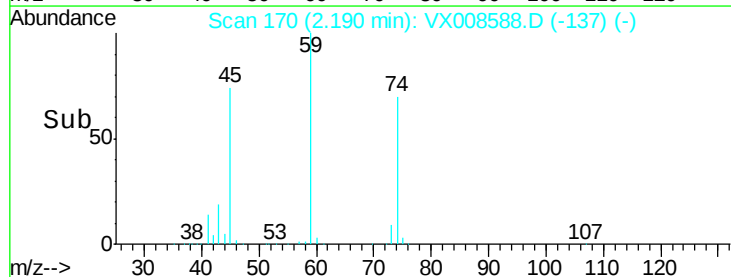
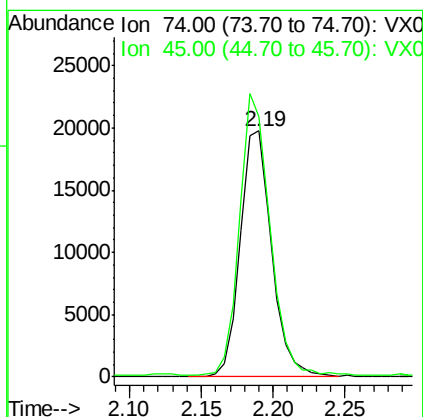
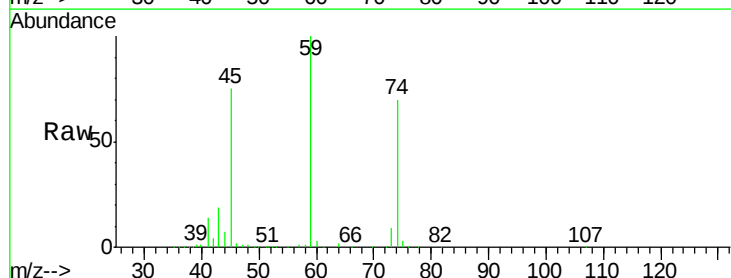
MMDadoda
 4/3/2019 10:48:30 AM

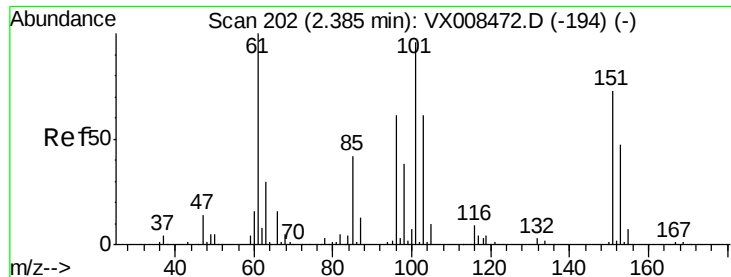


#8

Diethyl Ether
 Concen: 18.751 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.403 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

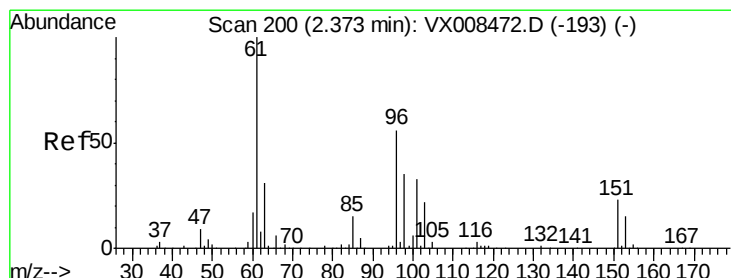
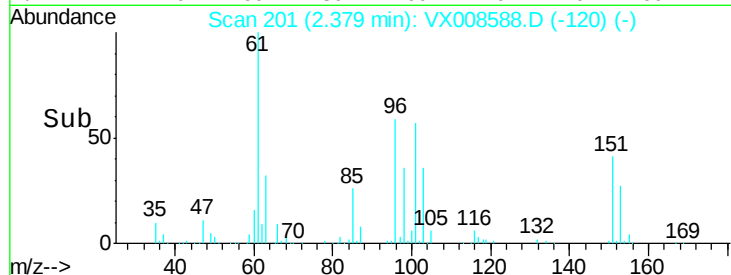
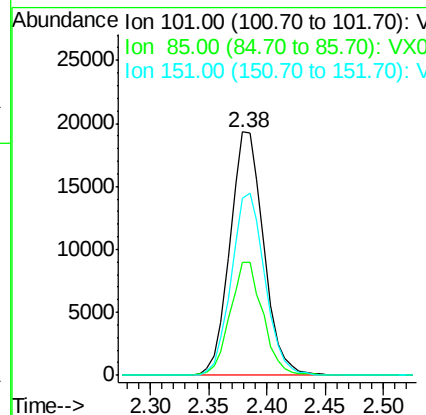
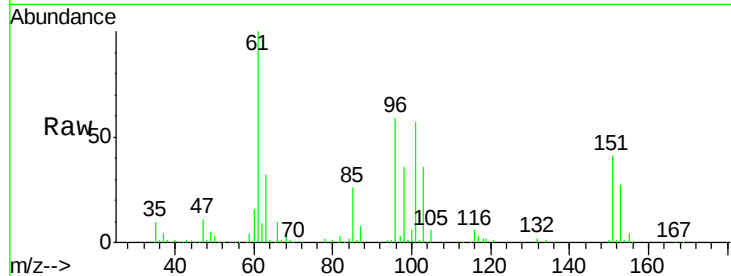
ClientSampled :

VX0402WBS01

Tot Ion:	101	Resp:	38856
Ion Ratio	Lower	Upper	
101	100		
85	45.1	0.0	86.8
151	74.9	0.0	169.2

Manual Integrations
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MMDadoda
4/3/2019 10:48:30 AM



#10

1,1-Dichloroethene

Concen: 18.707 ug/l

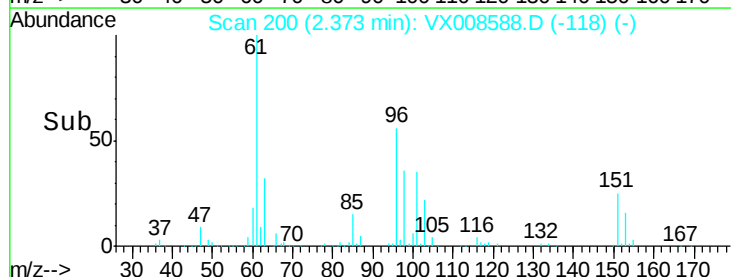
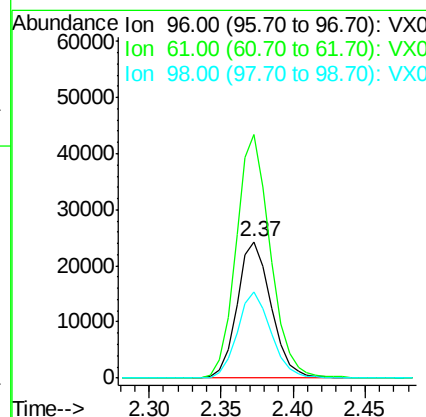
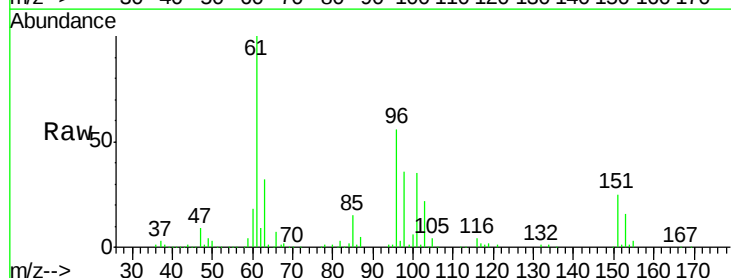
RT: 2.37 min Scan# 200

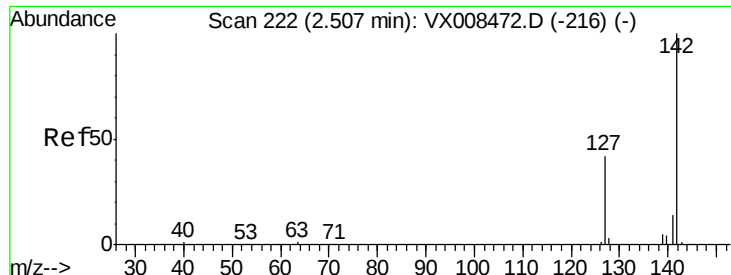
Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion:	96	Resp:	40071
Ion Ratio	Lower	Upper	
96	100		
61	178.4	120.2	180.2
98	63.6	49.0	73.4





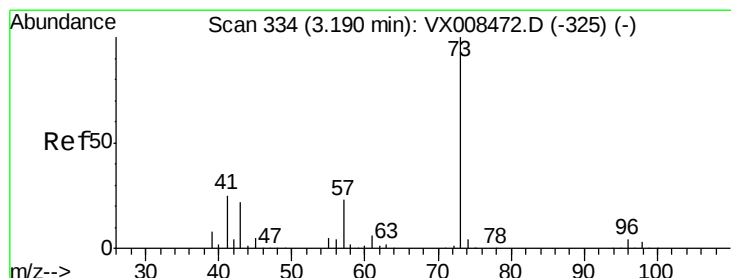
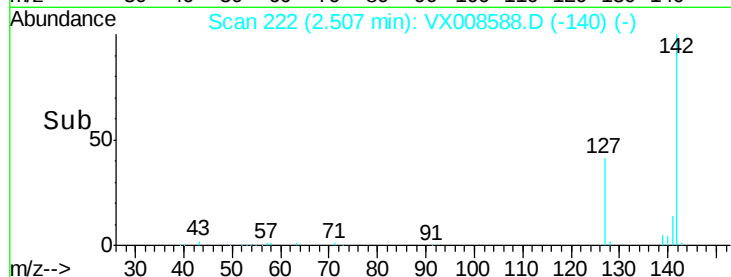
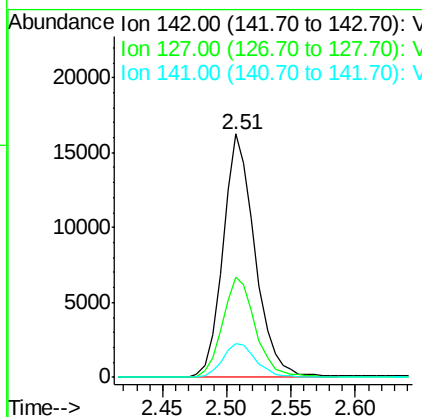
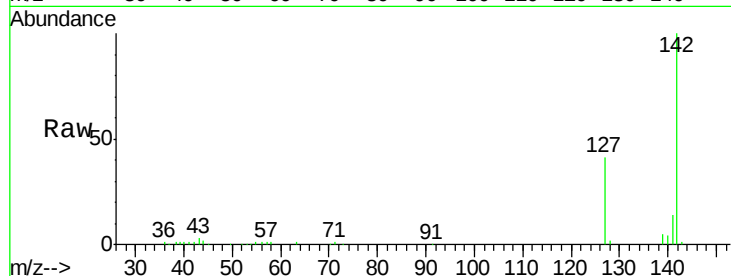
#11
Methyl Iodide
Concen: 12.764 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.1	22.1	66.5
141	13.8	7.4	22.3

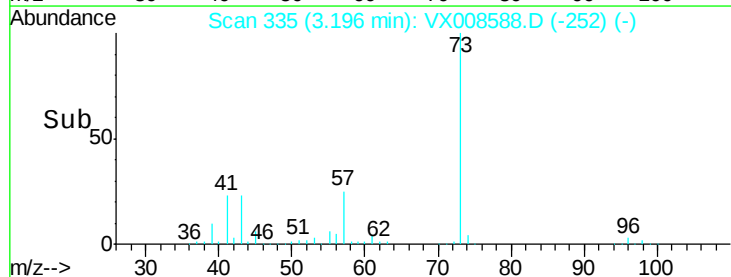
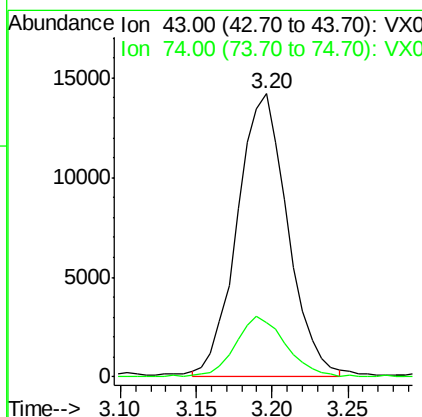
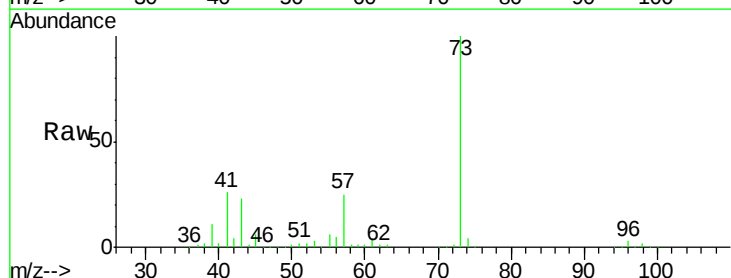
Manual Integrations
APPROVED

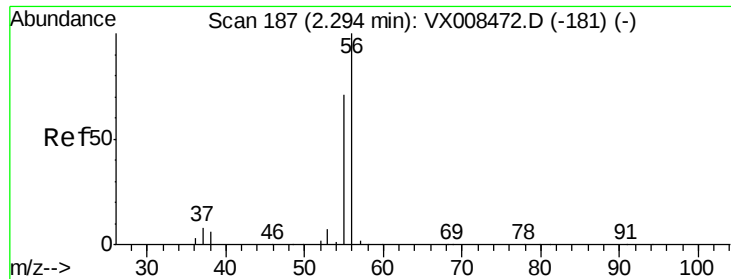
MMDadoda
4/3/2019 10:48:30 AM



#12
Methyl Acetate
Concen: 18.937 ug/l m
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	19.4	29.0#





#13

Acrolein

Concen: 97.663 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 56 Resp: 48641

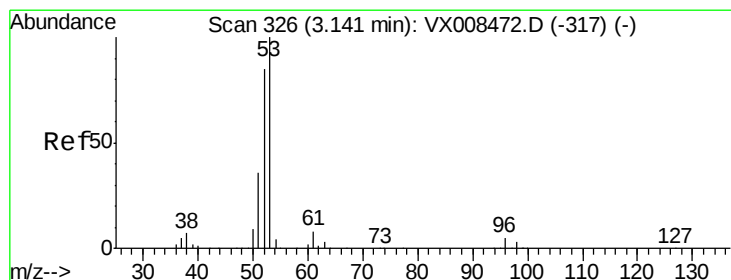
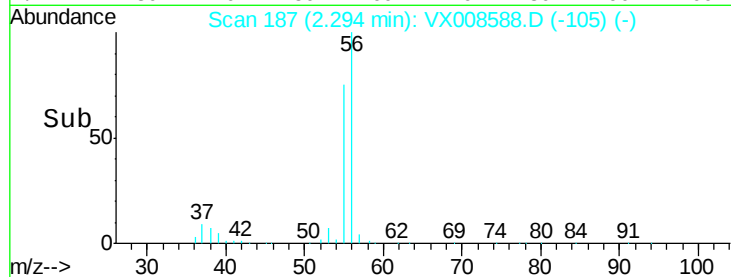
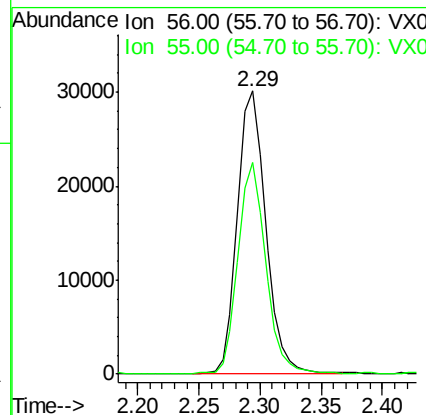
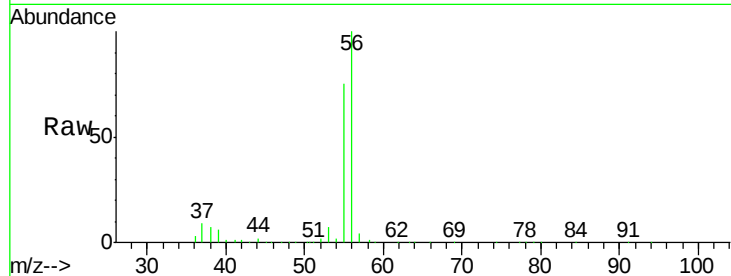
Ion Ratio Lower Upper

56 100

55 72.9 58.6 87.8

Manual Integrations
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MMDadoda
4/3/2019 10:48:30 AM



#14

Acrylonitrile

Concen: 100.047 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

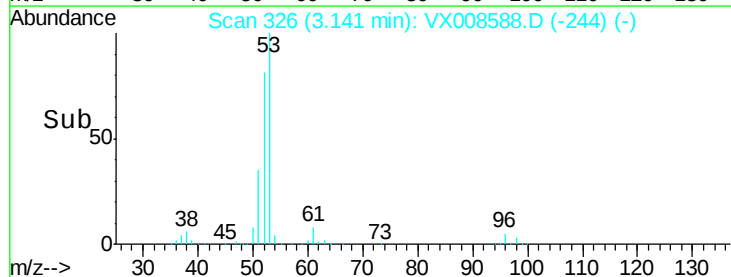
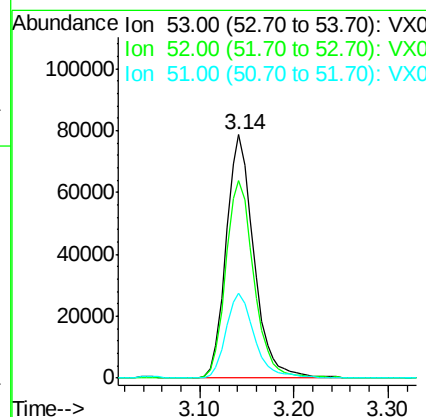
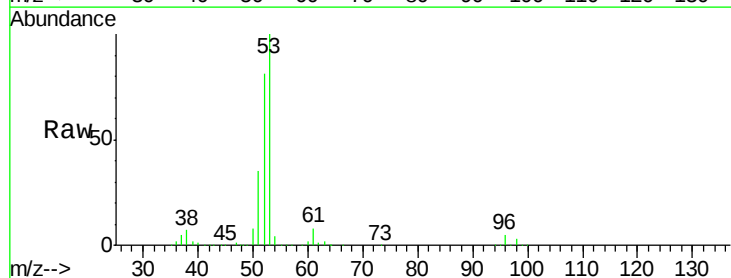
Tgt Ion: 53 Resp: 160583

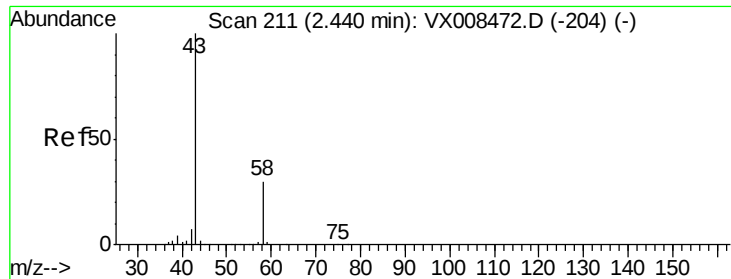
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 36.1 17.5 52.6





#15

Acetone

Concen: 96.416 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 58 Resp: 47722

Ion Ratio Lower Upper

58 100

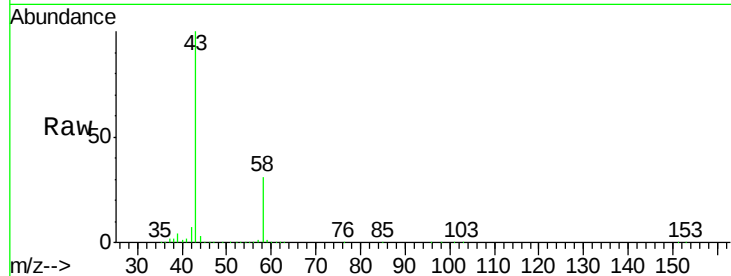
43 321.7 249.8 374.6

Manual Integrations

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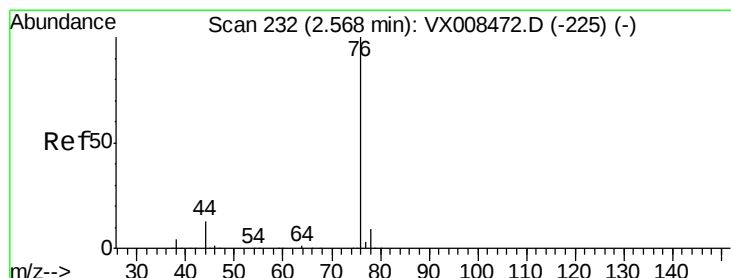
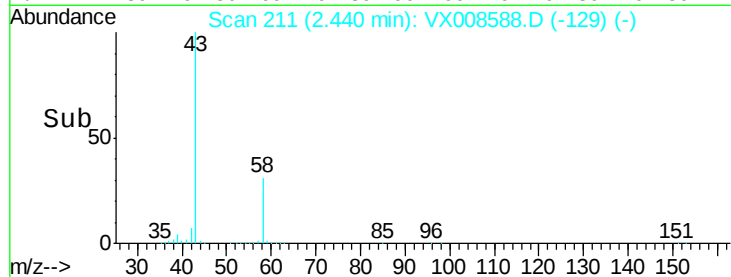
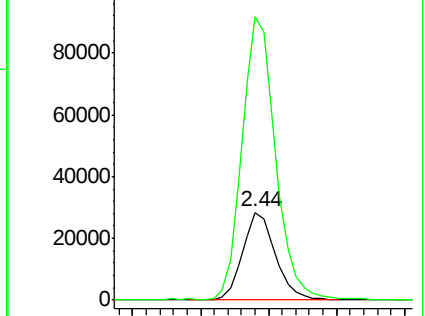
MMDadoda

4/3/2019 10:48:30 AM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.852 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008588.D

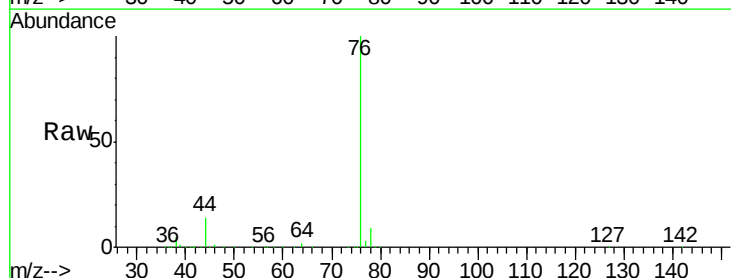
Acq: 02 Apr 2019 12:04

Tgt Ion: 76 Resp: 118955

Ion Ratio Lower Upper

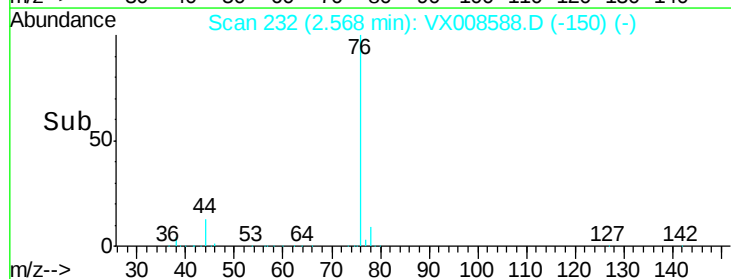
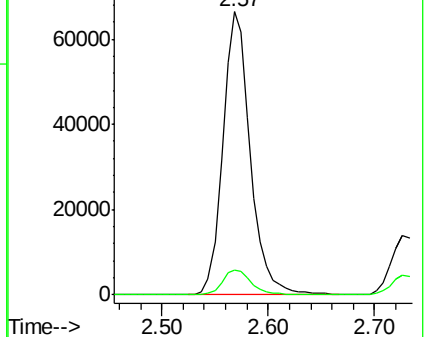
76 100

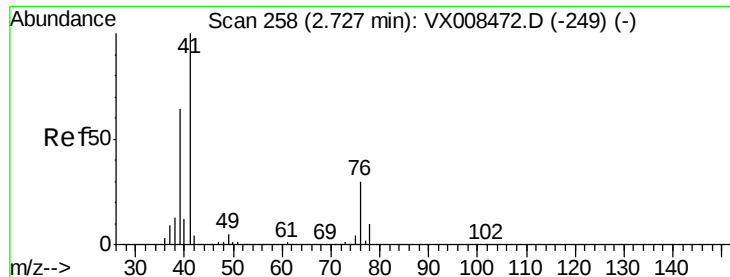
78 8.7 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





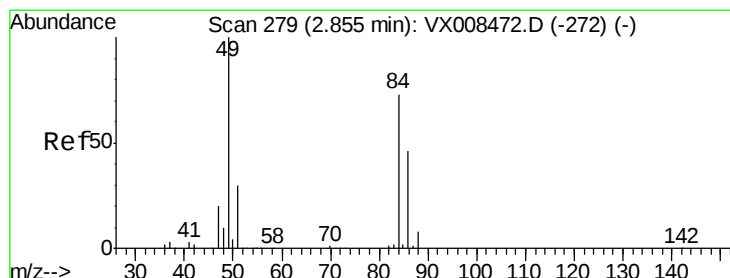
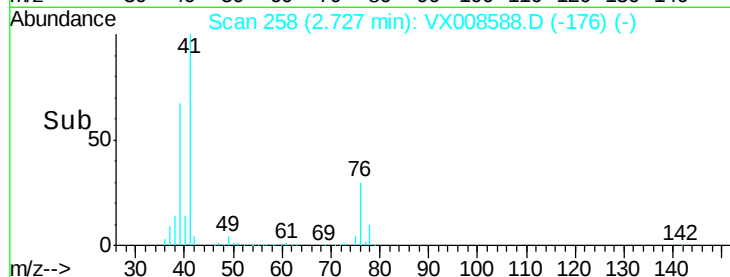
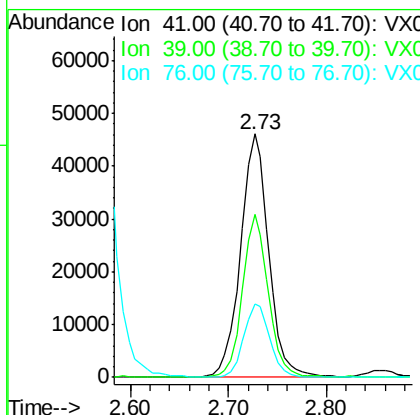
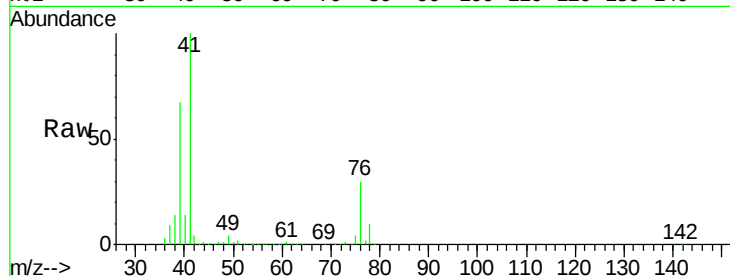
#17
Allvl chloride
Concen: 18.911 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.8	35.8	107.4
76	30.2	18.3	54.9

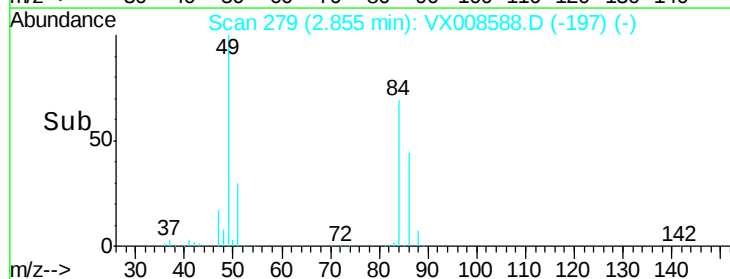
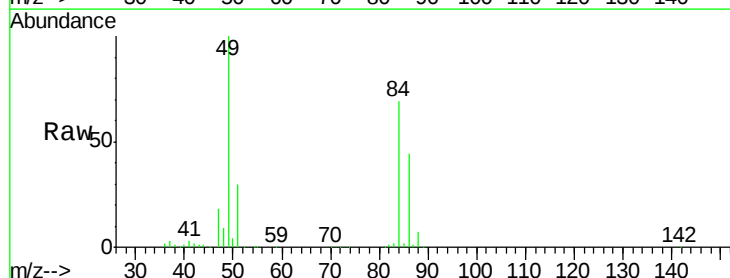
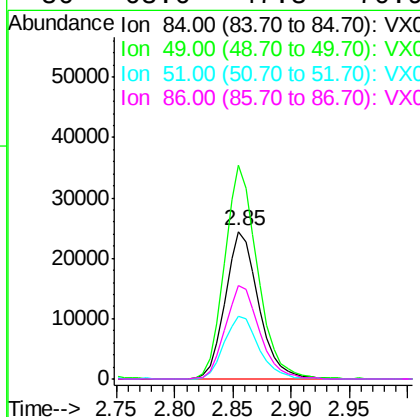
Manual Integrations
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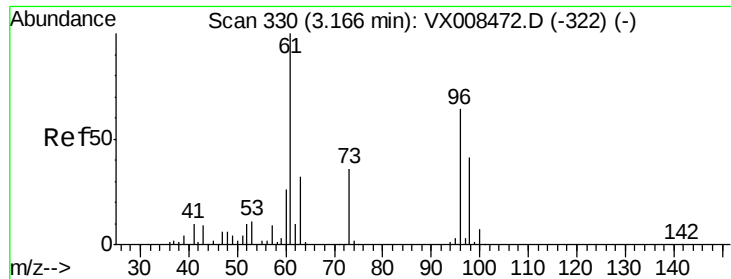
MMDadoda
4/3/2019 10:48:30 AM



#18
Methylene Chloride
Concen: 19.099 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.7	96.1	144.1#
51	42.7	29.1	43.7
86	63.6	47.3	70.9





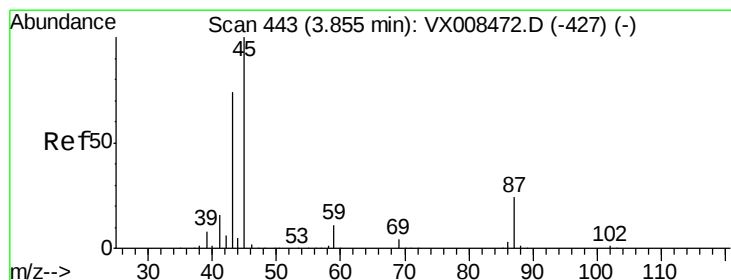
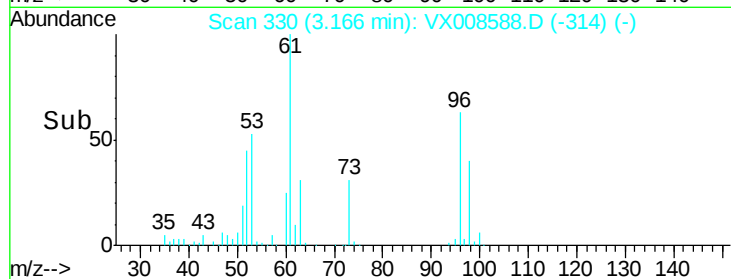
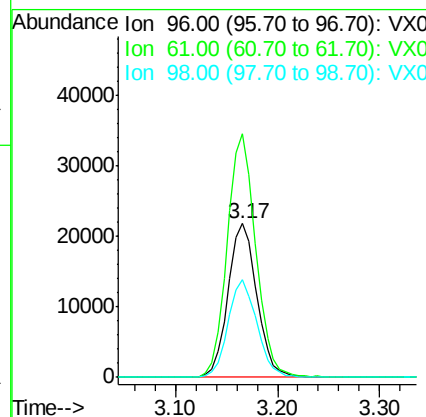
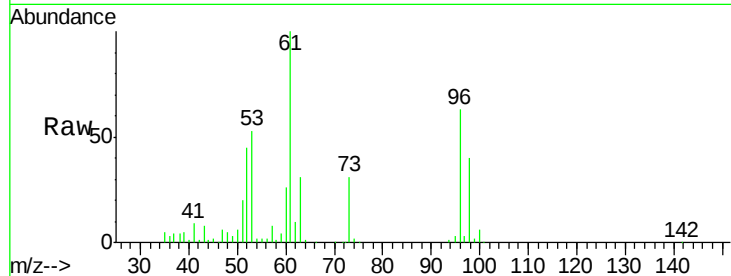
#19
trans-1,2-Dichloroethene
Concen: 18.708 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.3	109.9	164.9
98	63.8	50.4	75.6

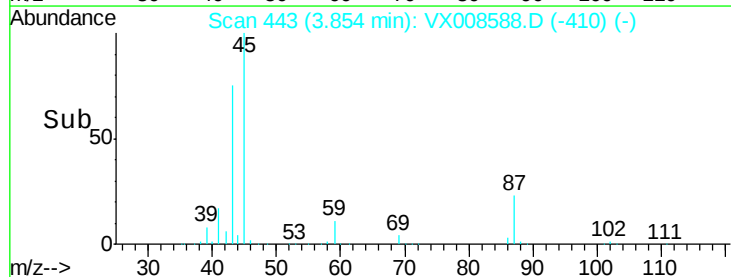
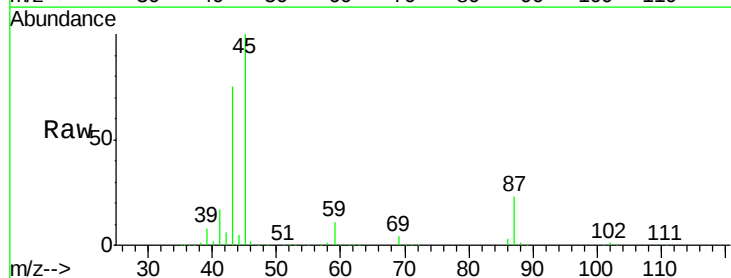
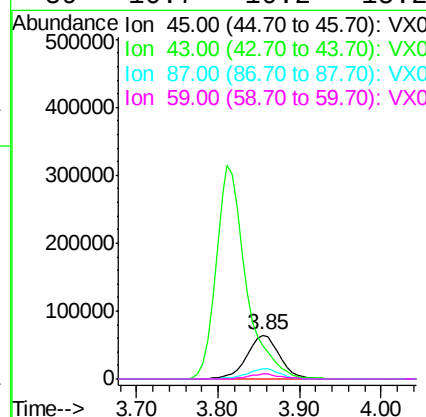
Manual Integrations
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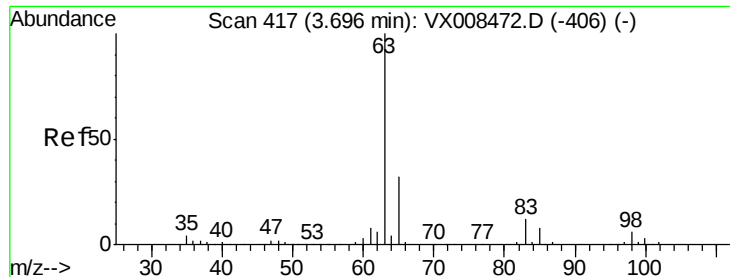
MMDadoda
4/3/2019 10:48:30 AM



#20
Diisopropyl ether
Concen: 19.292 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.2	50.6	76.0
87	22.8	24.5	36.7#
59	10.7	10.2	15.2





#21

1,1-Dichloroethane

Concen: 18.953 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

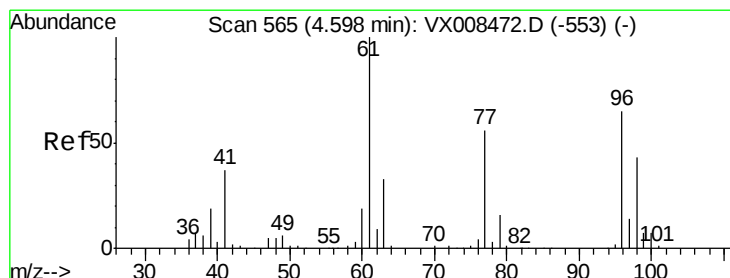
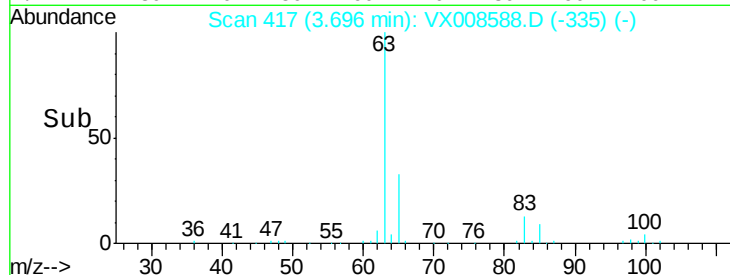
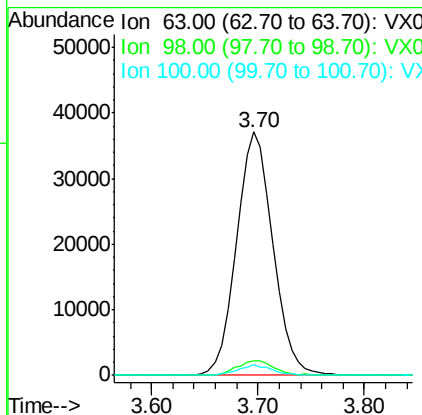
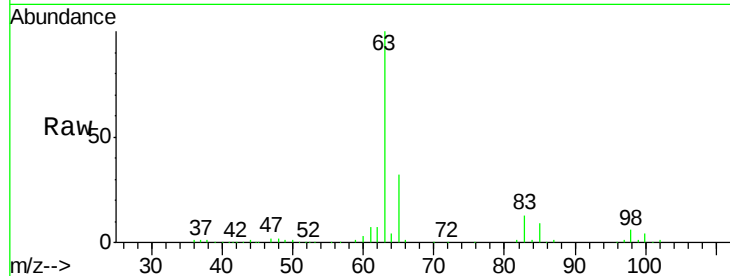
ClientSampled :

VX0402WBS01

Tot Ion:	63	Resp:	89140
Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.8	11.4
100	4.3	2.4	7.1

Manual Integrations
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MMDadoda
4/3/2019 10:48:30 AM



#22

cis-1,2-Dichloroethene

Concen: 18.855 ug/l

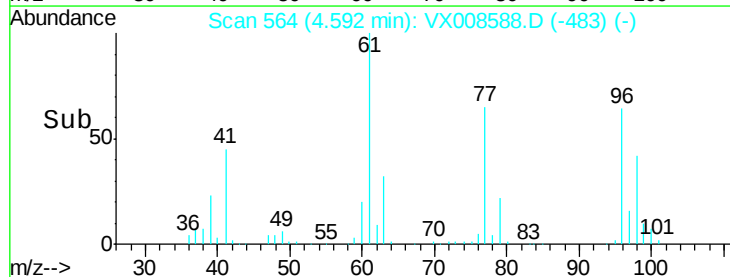
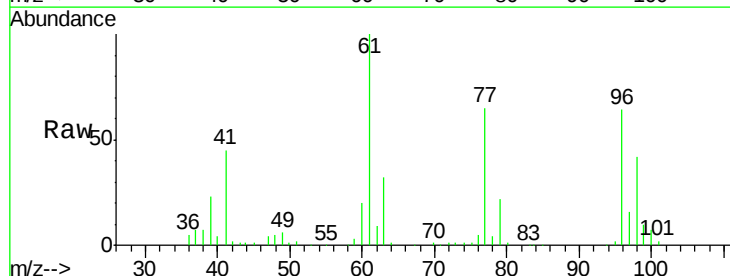
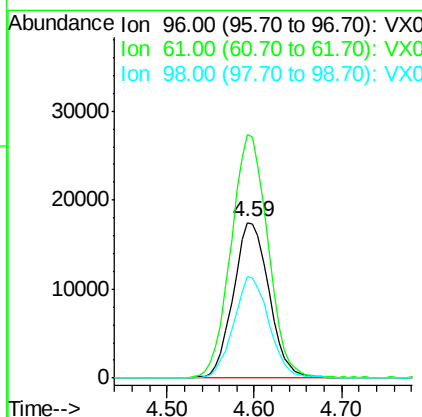
RT: 4.59 min Scan# 564

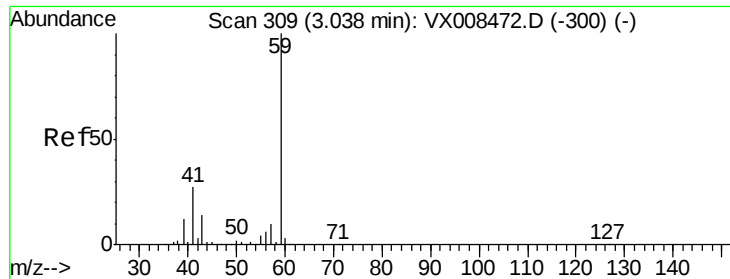
Delta R.T. -0.01 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion:	96	Resp:	49863
Ion	Ratio	Lower	Upper
96	100		
61	160.5	103.5	155.3#
98	64.0	52.1	78.1





#23

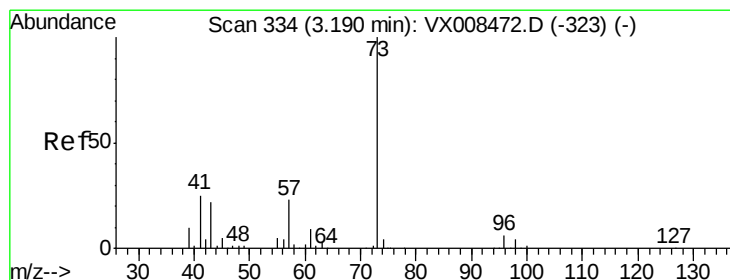
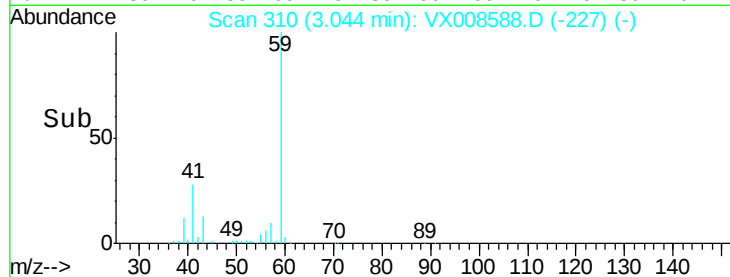
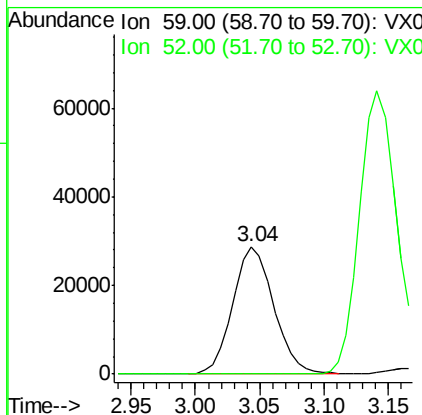
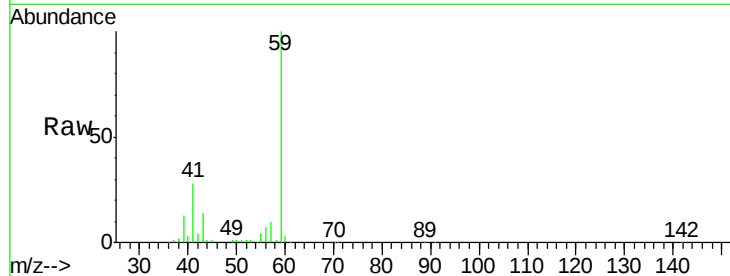
tert-Butyl Alcohol
 Concen: 97.540 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS01

Tot Ion	59	52	Ratio	Lower	Upper
59	100				
52	0.6			0.2	0.2#

Manual Integrations
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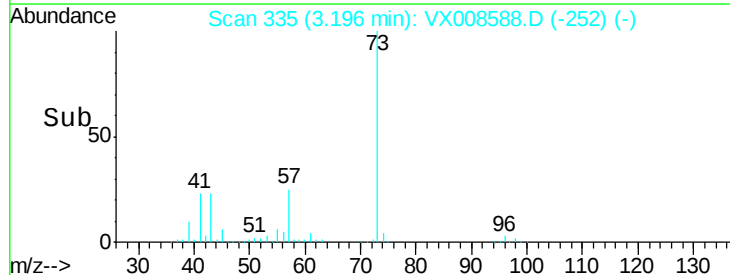
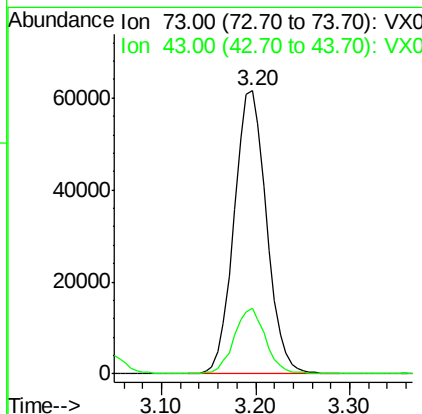
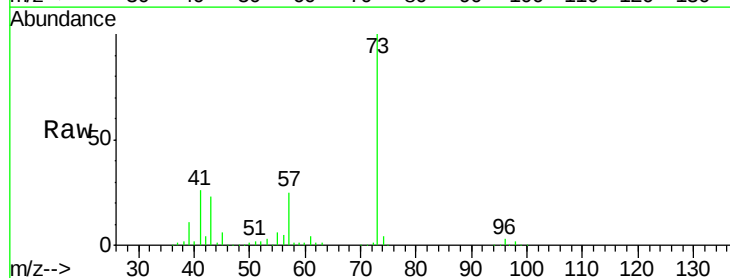
MMDadoda
 4/3/2019 10:48:30 AM

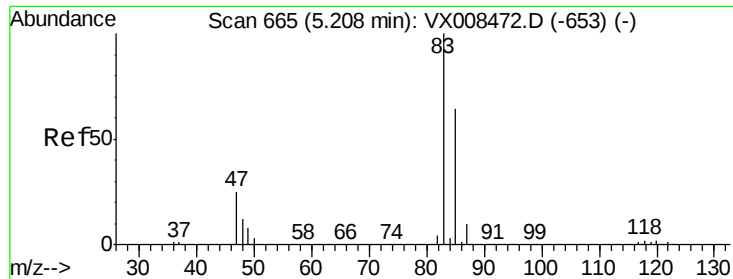


#24

Methyl tert-Butyl Ether
 Concen: 18.812 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	73	43	Ratio	Lower	Upper
73	100				
43	22.0			17.1	25.7





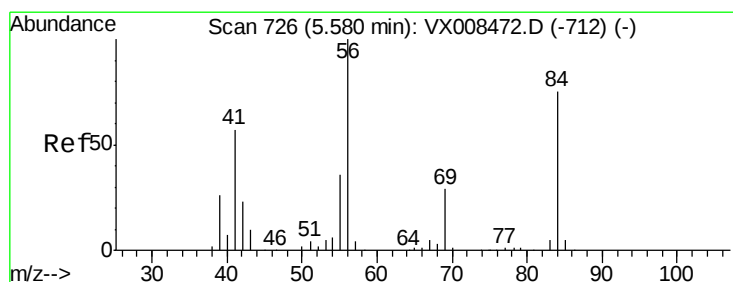
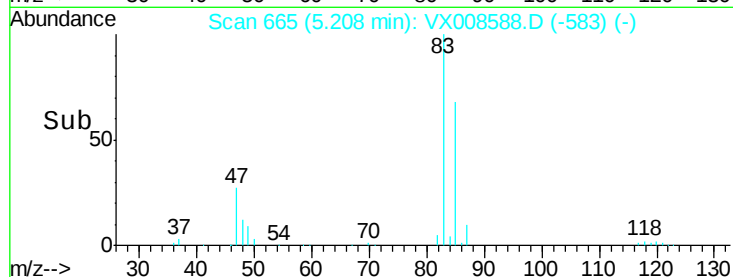
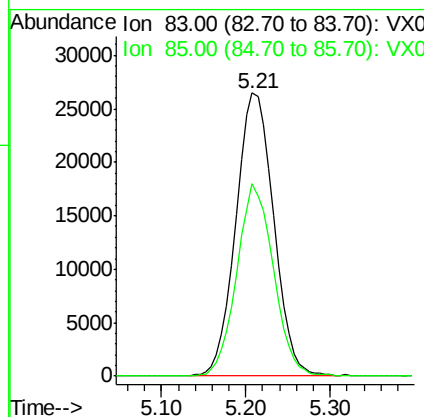
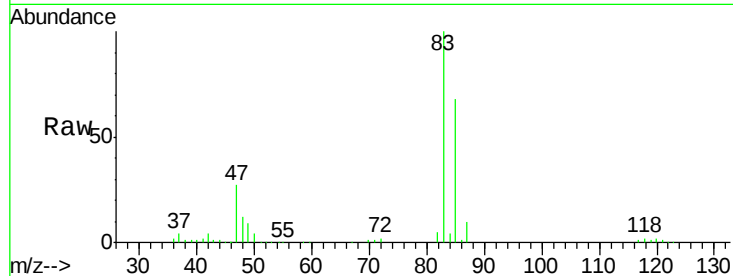
#25
Chloroform
Concen: 18.947 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion: 83 Resp: 80720
Ion Ratio Lower Upper
83 100
85 68.0 53.8 80.6

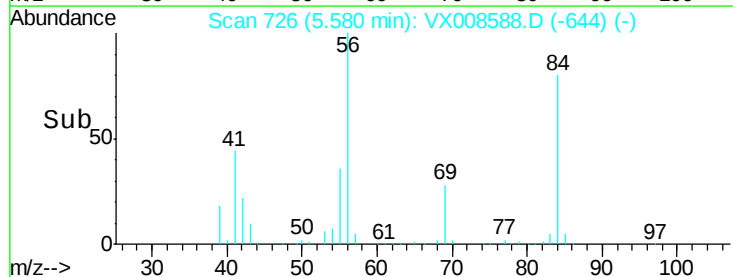
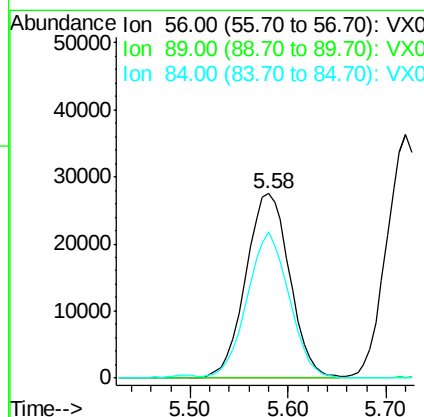
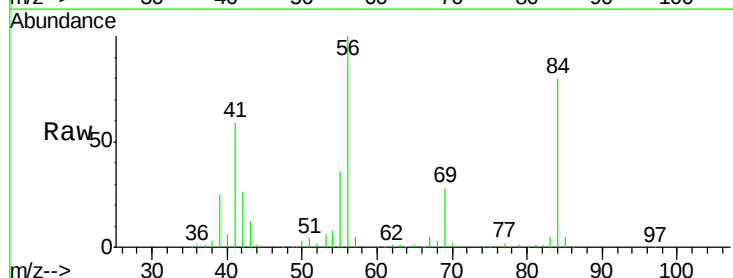
Manual Integrations
APPROVED

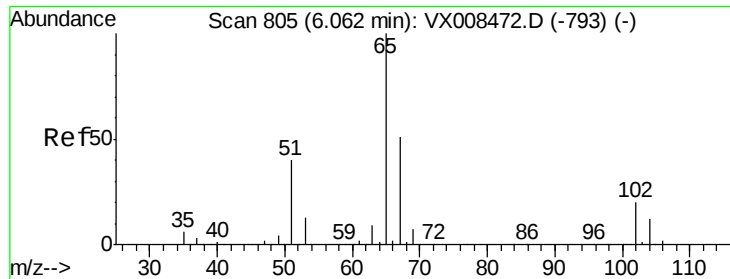
MMDadoda
4/3/2019 10:48:30 AM



#26
Cyclohexane
Concen: 18.718 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 56 Resp: 85526
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.1 73.9 110.9





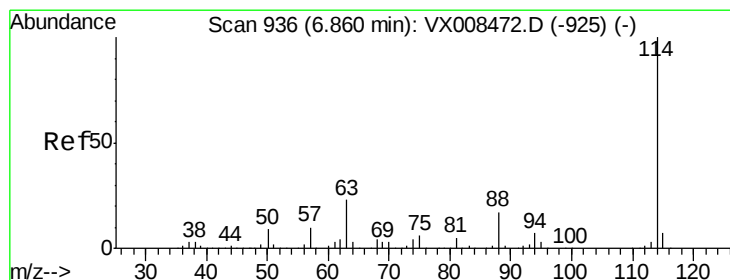
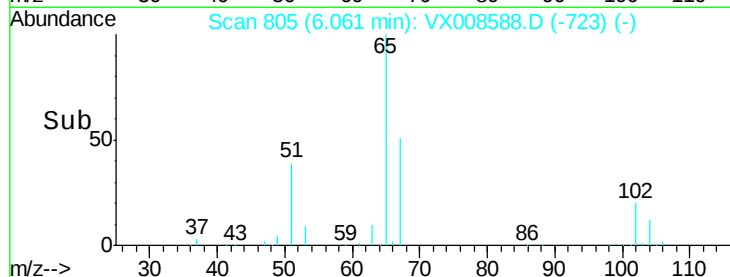
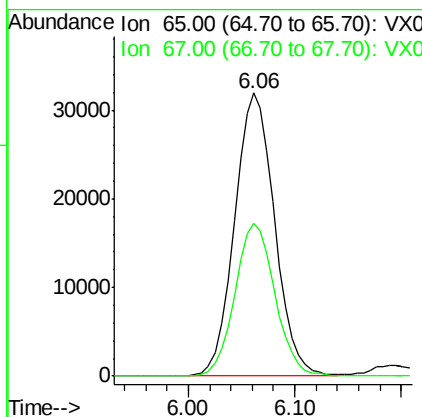
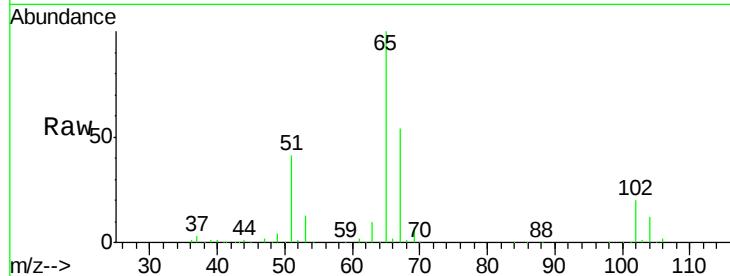
#27
 1,2-Dichloroethane-d4
 Concen: 29.682 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	42.9	64.3

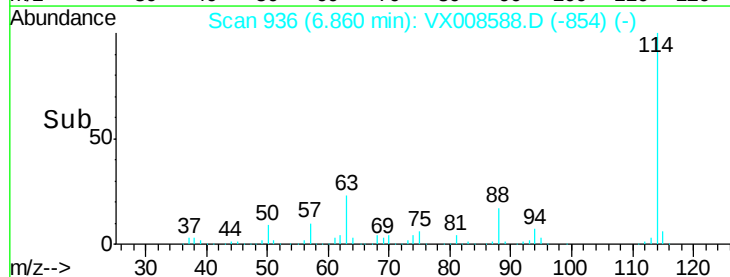
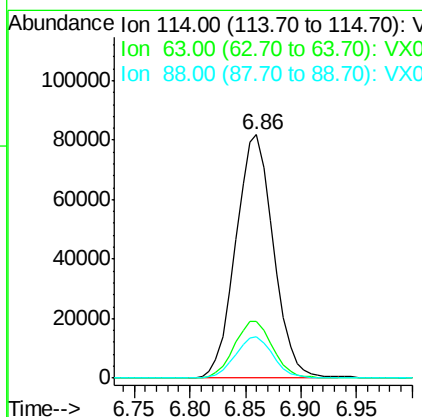
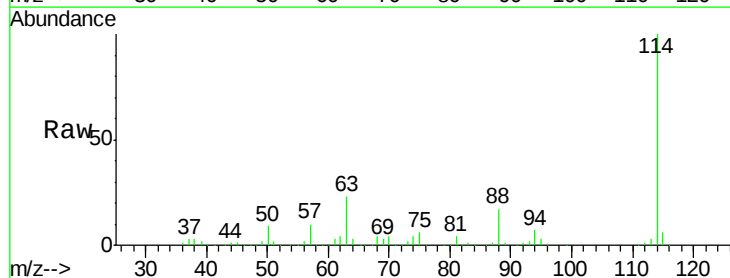
Manual Integrations
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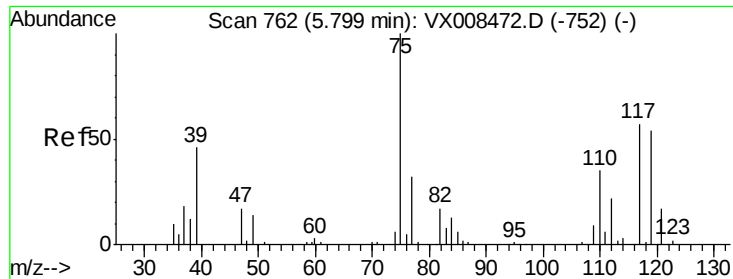
MMDadoda
 4/3/2019 10:48:30 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	14.2	21.4#
88	17.0	11.9	17.9





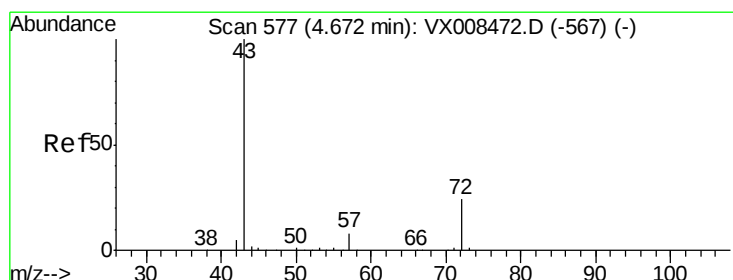
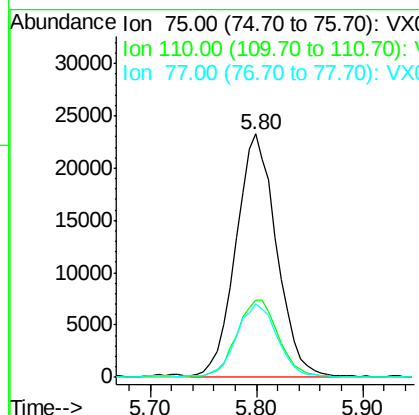
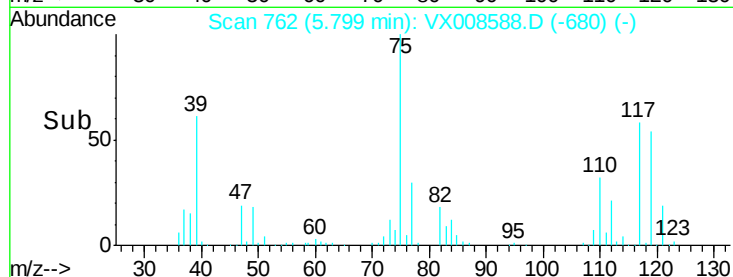
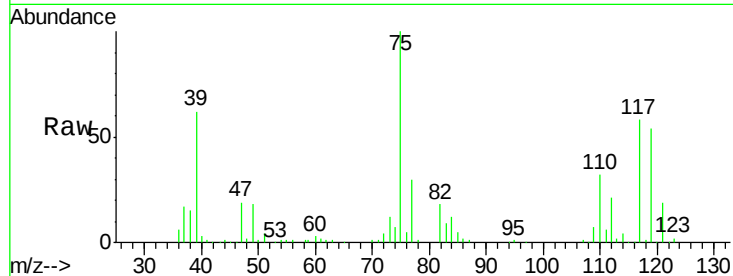
#29
 1,1-Dichloropropene
 Concen: 19.187 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.9	0.0	80.8
77	30.6	0.0	62.4

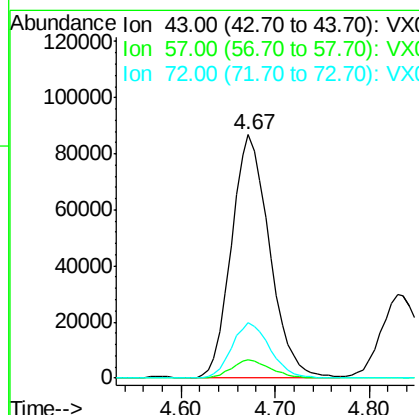
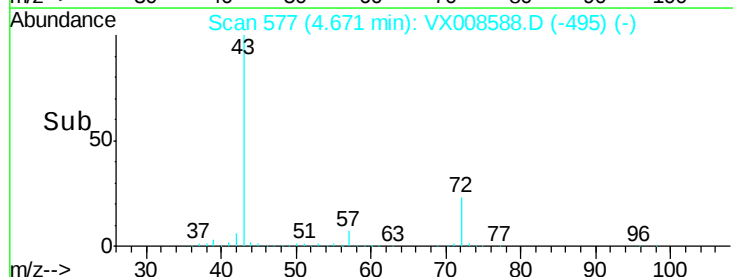
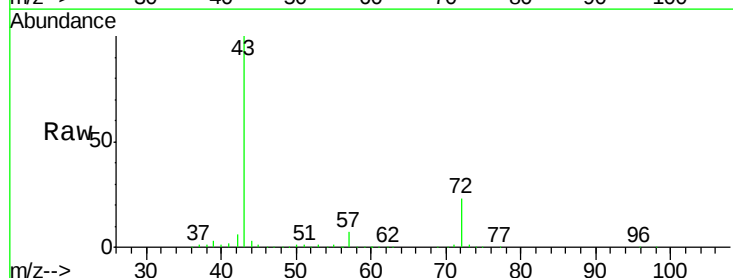
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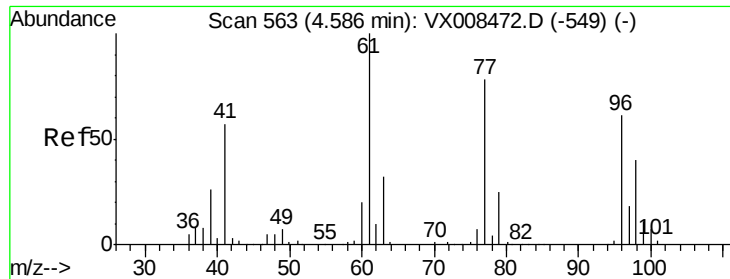
MMDadoda
 4/3/2019 10:48:30 AM



#30
 2-Butanone
 Concen: 101.716 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	7.0	10.6
72	22.8	21.5	32.3





#31

2,2-Dichloropropane

Concen: 19.206 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 77 Resp: 62227

Ion Ratio Lower Upper

77 100

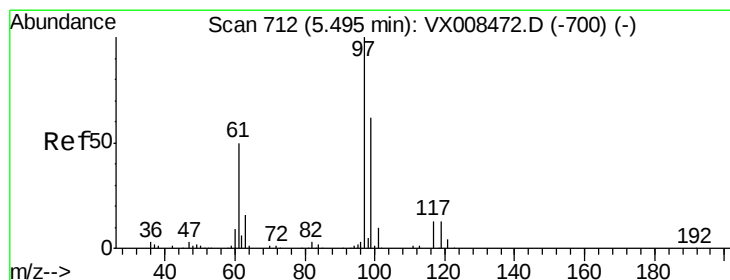
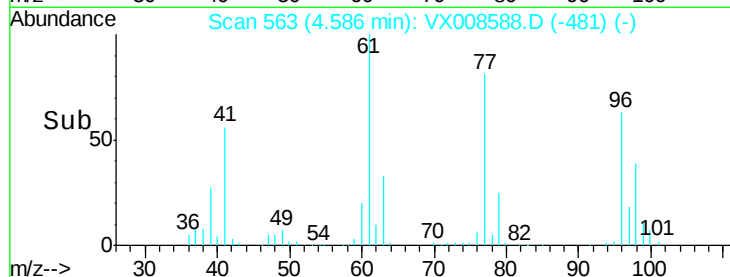
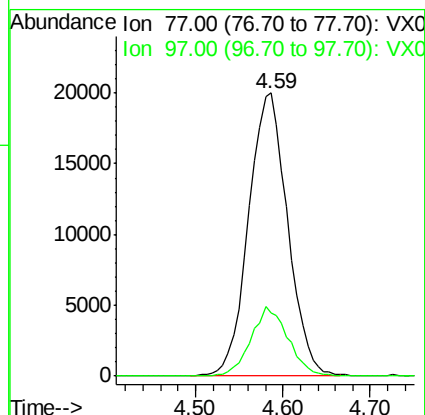
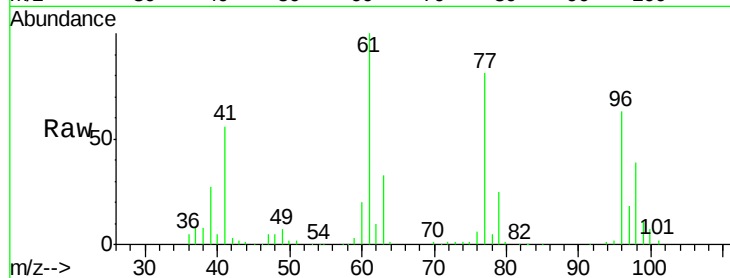
97 23.2 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.077 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

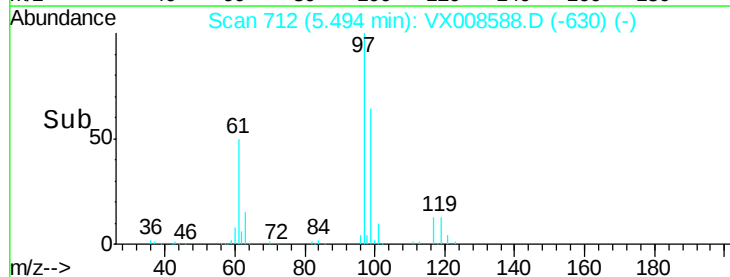
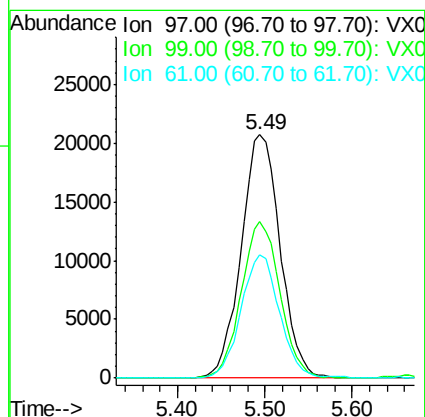
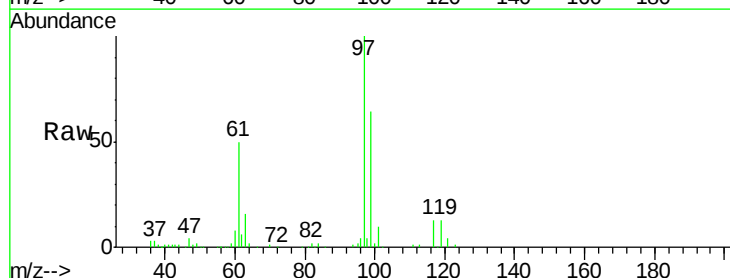
Tgt Ion: 97 Resp: 64265

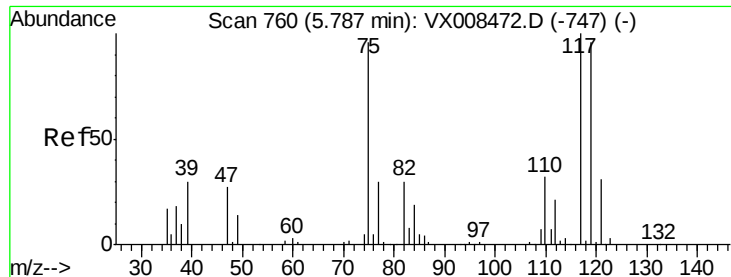
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 49.8 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 18.707 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

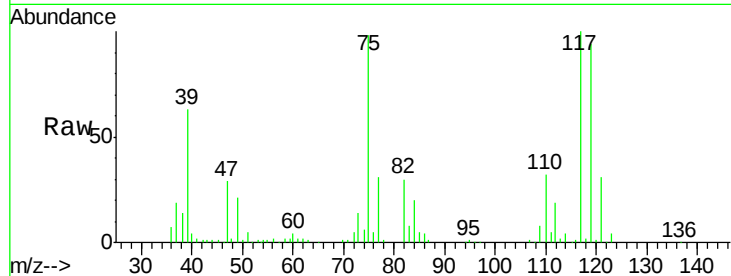
ClientSampleId :

VX0402WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.1	117.1
121	31.1	27.0	40.6

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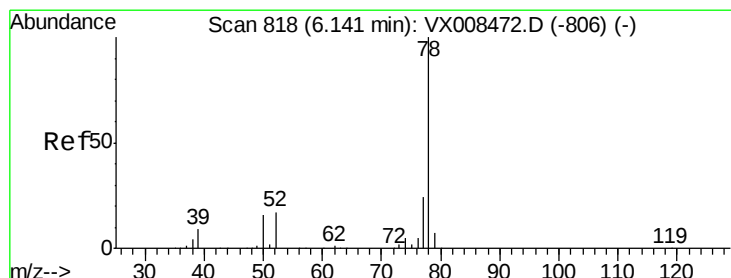
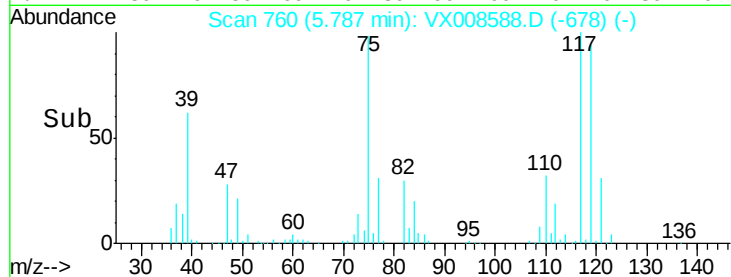
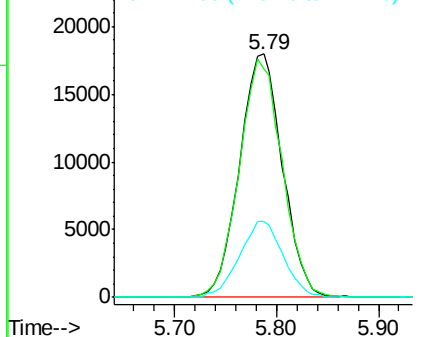


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.375 ug/l

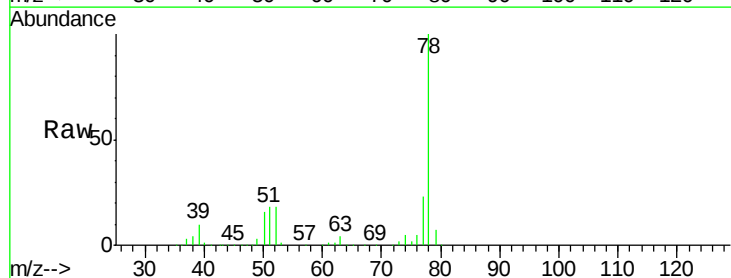
RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7
51	18.1	10.8	16.2#

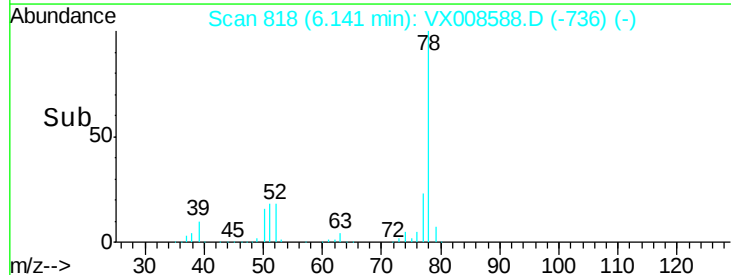
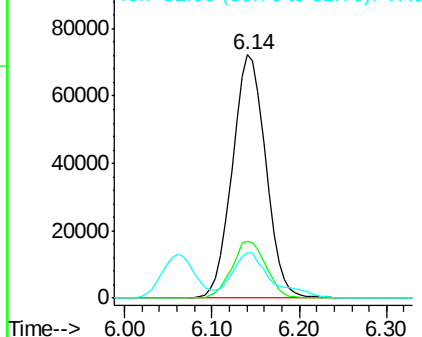


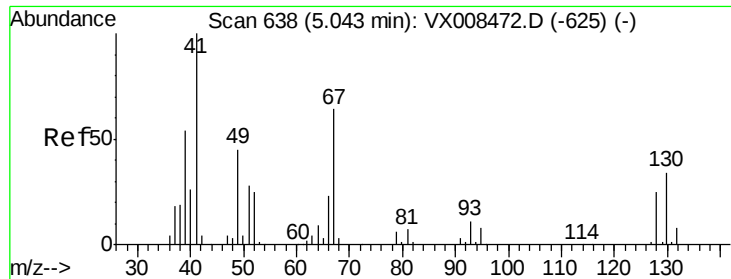
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





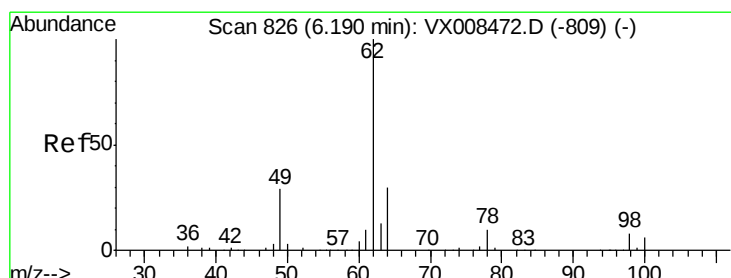
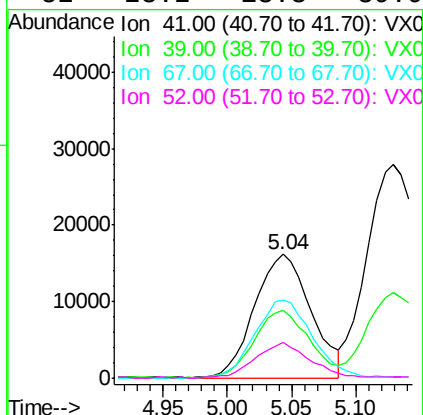
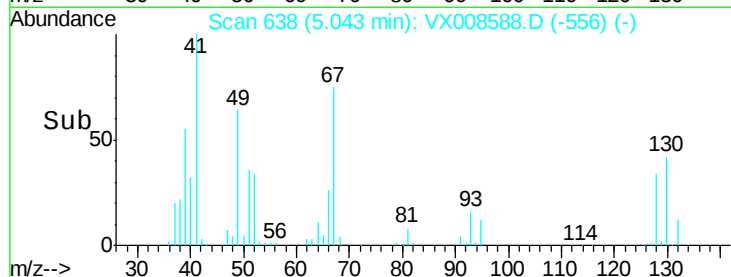
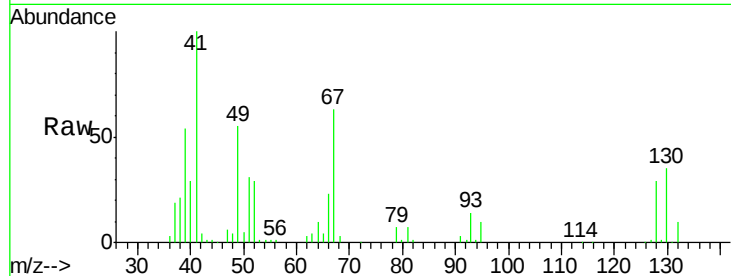
#35
Methacrylonitrile
Concen: 20.146 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	27.4	82.0	
67	63.7	37.9	113.6	
52	28.2	13.3	39.9	

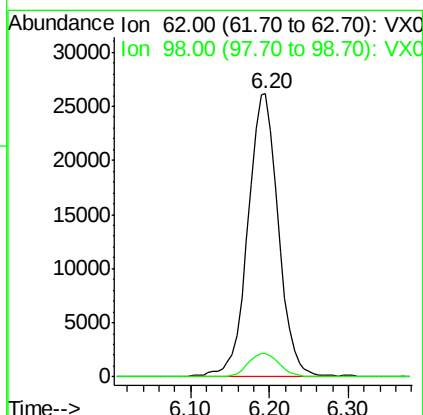
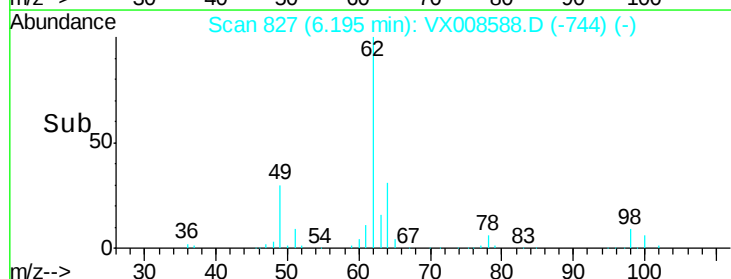
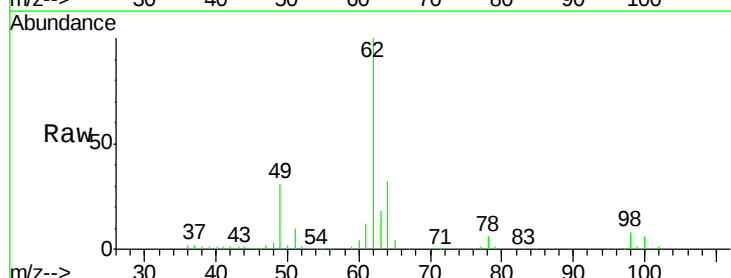
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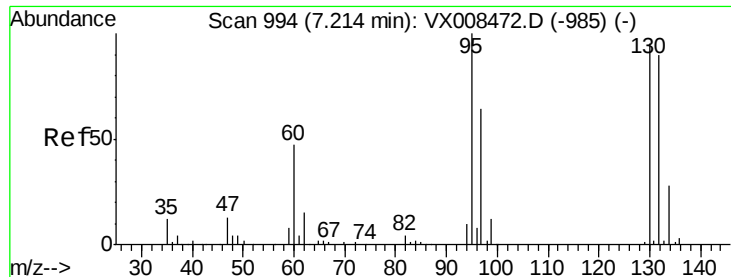
MMDadoda
4/3/2019 10:48:30 AM



#36
1,2-Dichloroethane
Concen: 19.870 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	7.8	11.8	





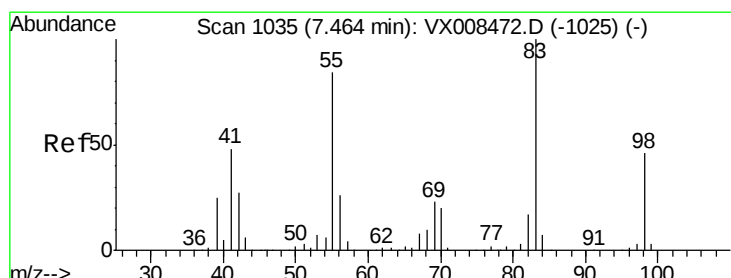
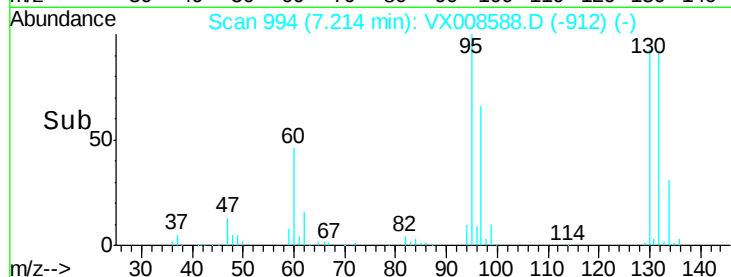
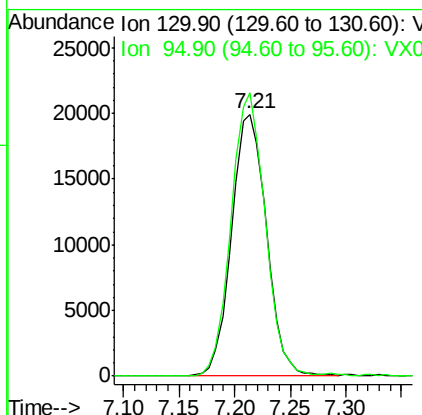
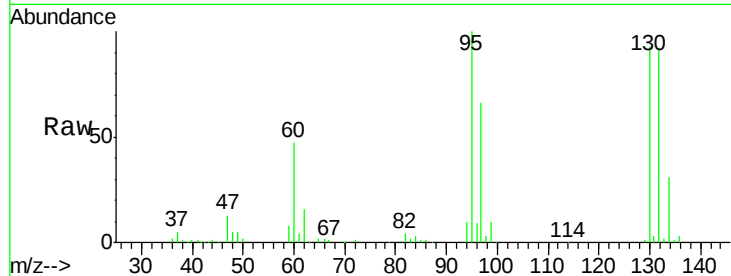
#37
 Trichloroethene
 Concen: 19.002 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion:130 Resp: 43334
 Ion Ratio Lower Upper
 130 100
 95 107.9 71.3 106.9#

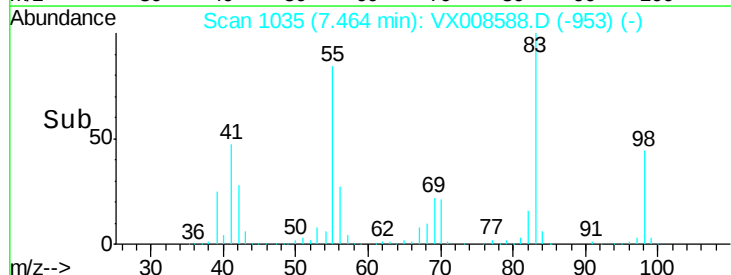
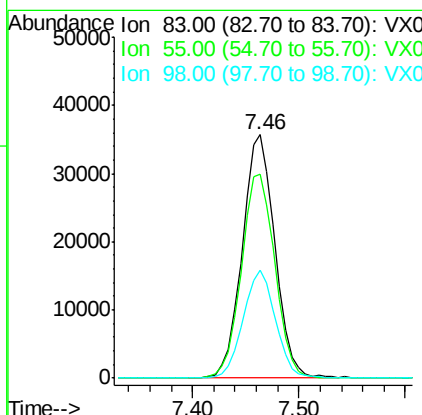
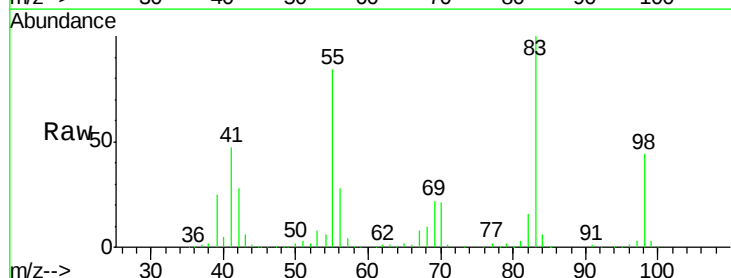
Manual Integrations
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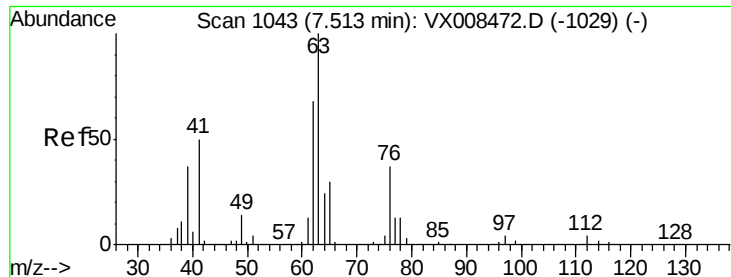
MMDadoda
 4/3/2019 10:48:30 AM



#38
 Methylcyclohexane
 Concen: 18.831 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 83 Resp: 76979
 Ion Ratio Lower Upper
 83 100
 55 86.1 36.0 108.0
 98 44.1 23.8 71.4





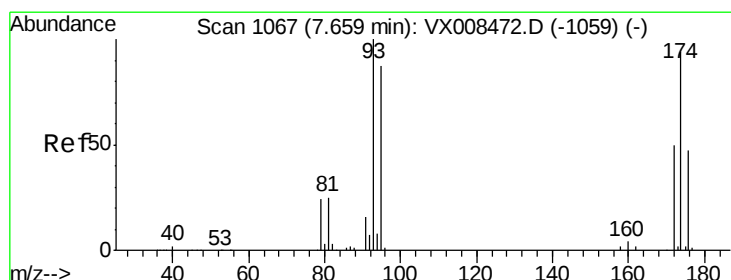
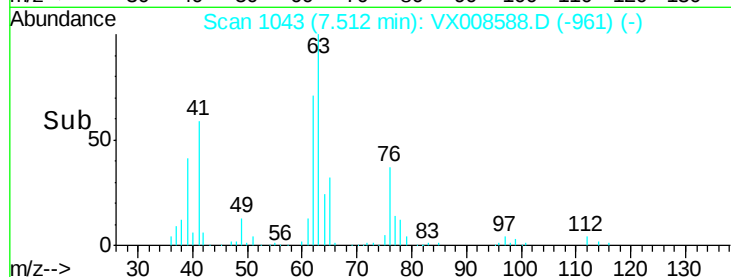
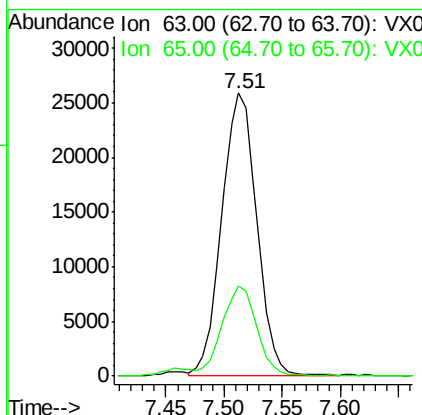
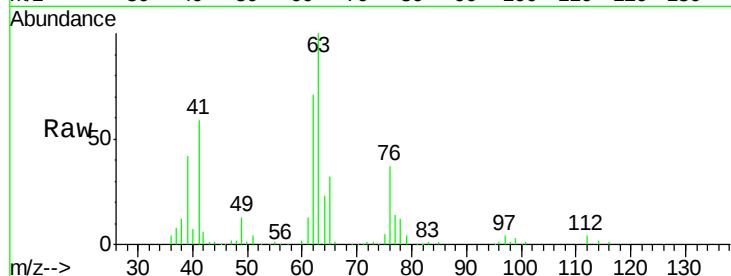
#39
 1,2-Dichloropropane
 Concen: 19.294 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS01

Tot Ion: 63 Resp: 54266
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0

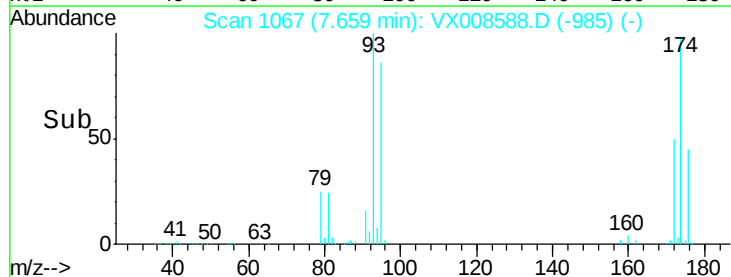
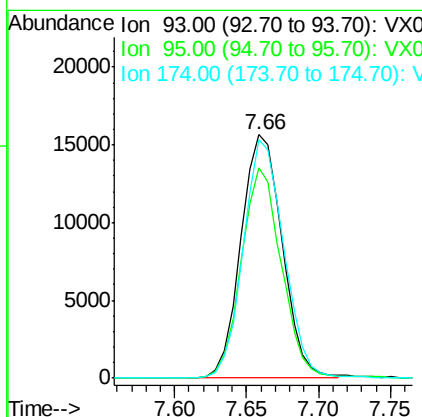
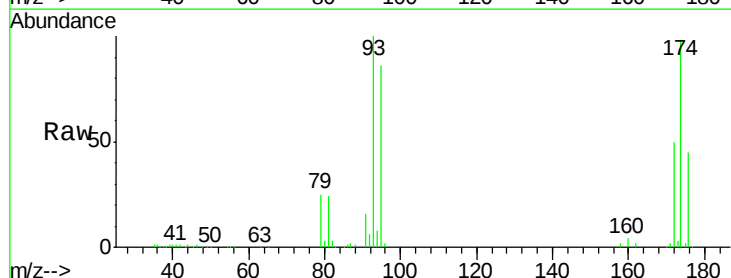
Manual Integrations
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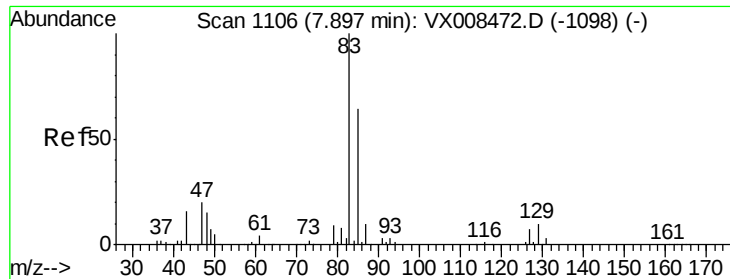
MMDadoda
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#40
 Dibromomethane
 Concen: 19.112 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion: 93 Resp: 31140
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 158.8
 174 95.5 0.0 224.2





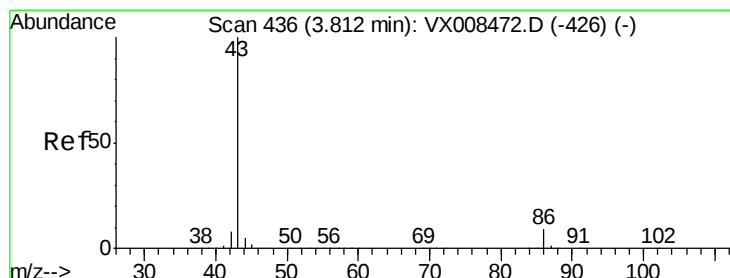
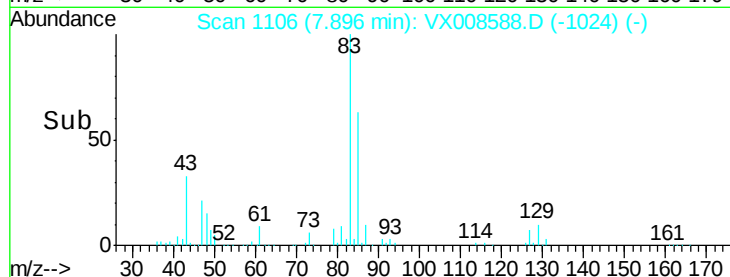
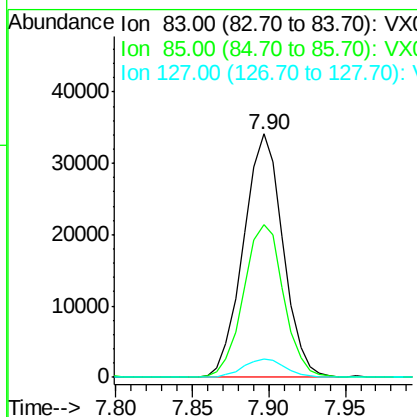
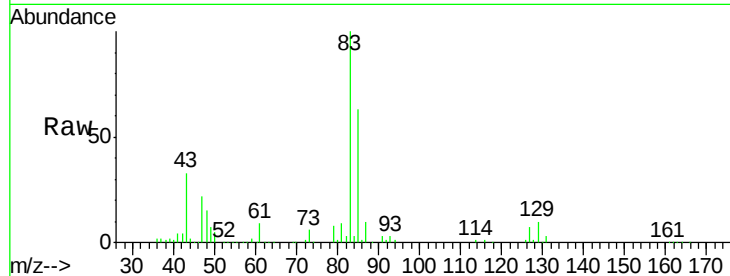
#41
Bromodichloromethane
Concen: 19.205 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	83	Resp	61525
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	51.1	76.7
127	7.5	7.2	10.8

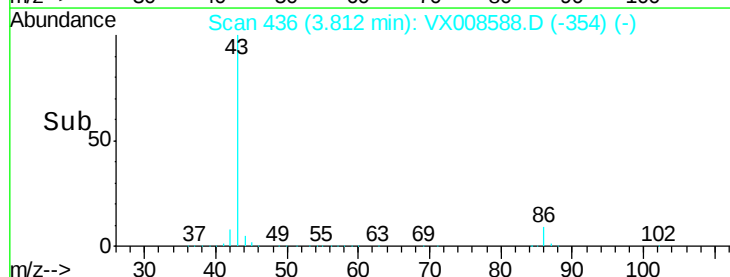
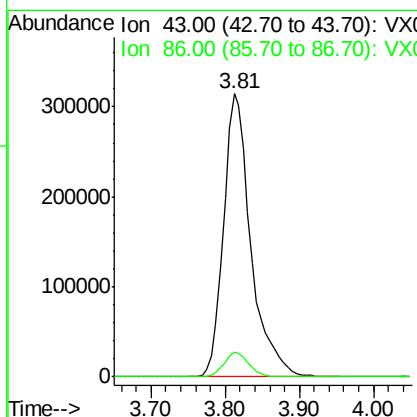
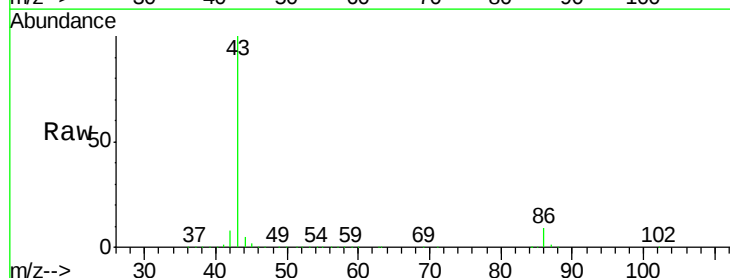
Manual Integrations
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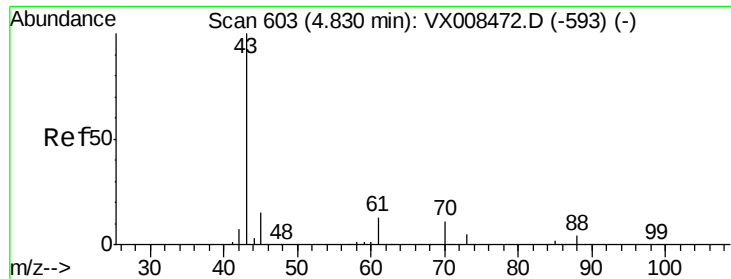
MMDadoda
4/3/2019 10:48:30 AM



#42
Vinyl Acetate
Concen: 99.325 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	43	Resp	803215
Ion Ratio	100	Lower	Upper
43	100		
86	7.8	8.2	12.2#





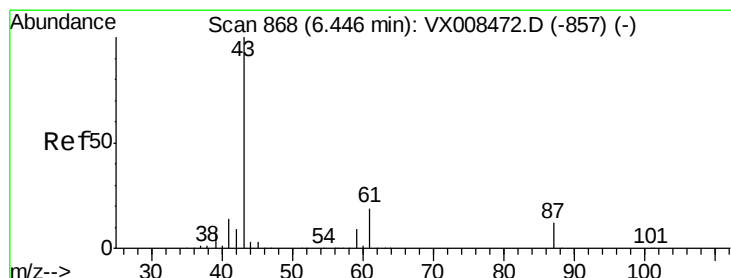
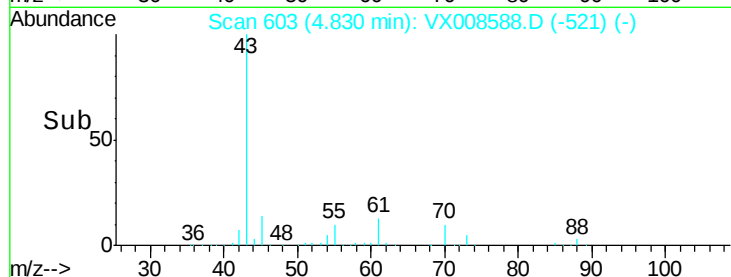
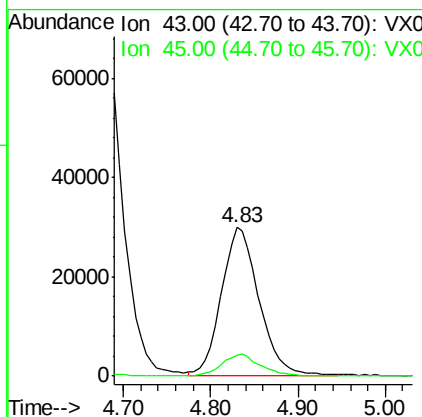
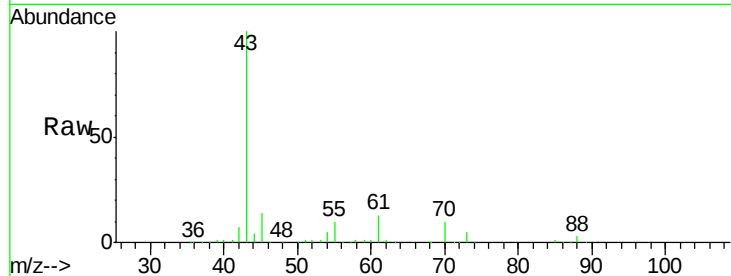
#43
Ethyl Acetate
Concen: 20.751 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion: 43 Resp: 89094
Ion Ratio Lower Upper
43 100
45 15.7 6.9 10.3#

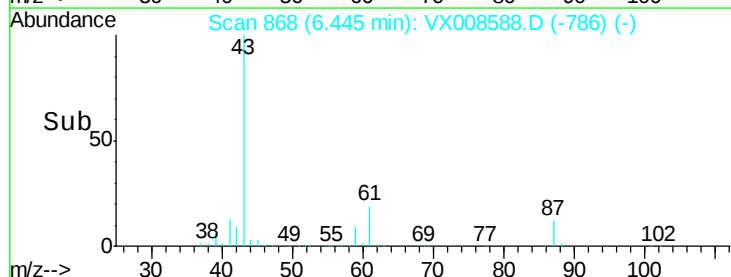
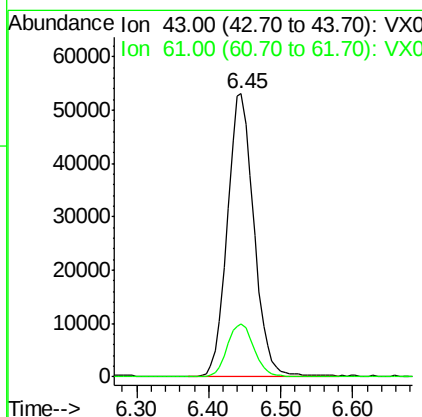
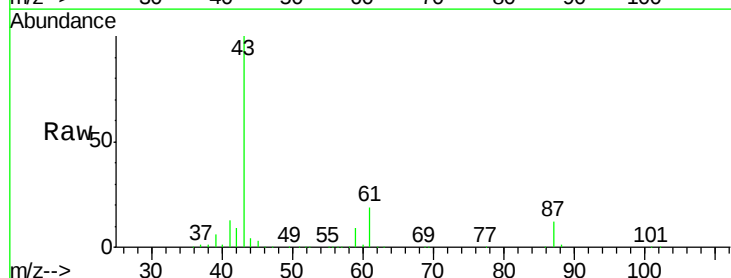
Manual Integrations
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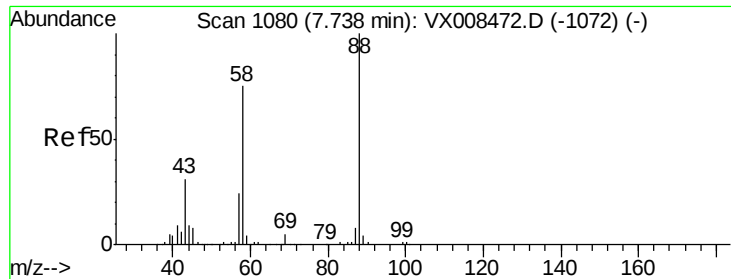
MMDadoda
4/3/2019 10:48:30 AM



#44
Isopropyl Acetate
Concen: 19.570 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion: 43 Resp: 135869
Ion Ratio Lower Upper
43 100
61 19.1 16.1 24.1





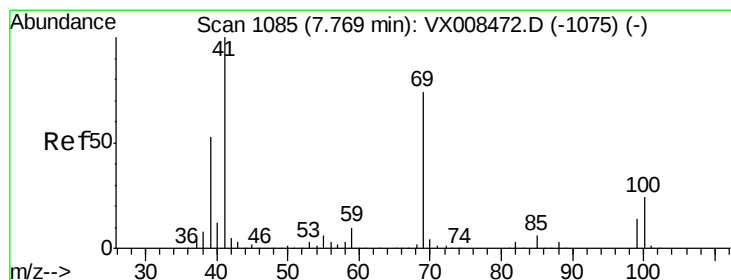
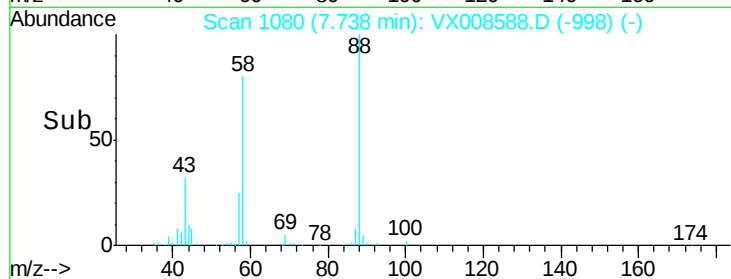
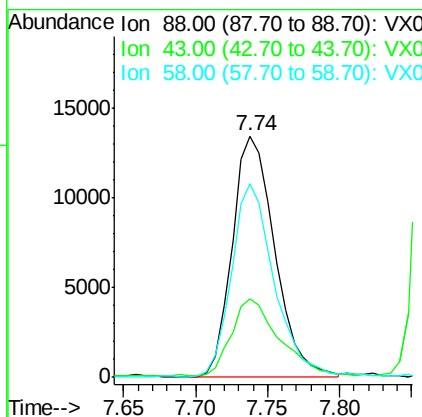
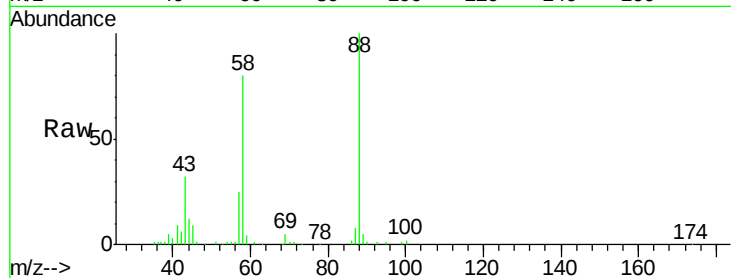
#45
 1,4-Dioxane
 Concen: 401.632 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	23.6	35.4#
58	81.2	51.6	77.4#

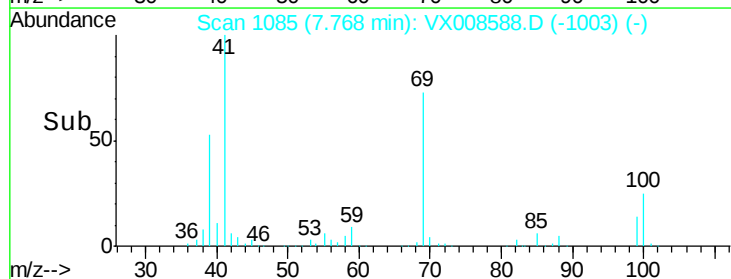
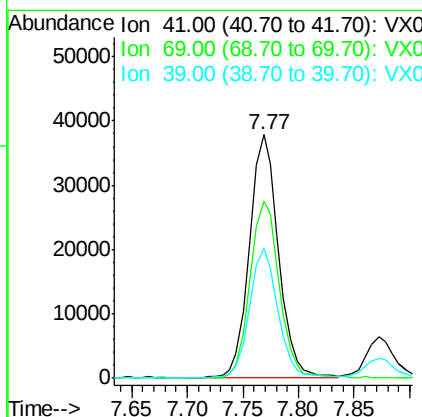
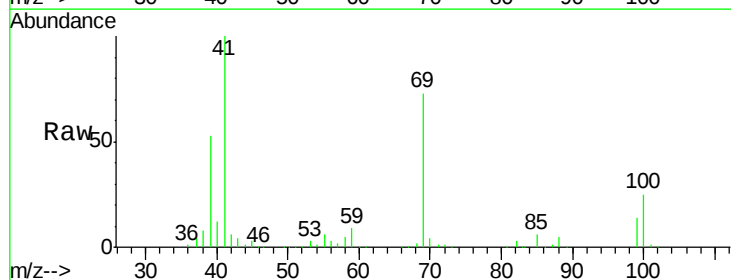
Manual Integrations
 APPROVED

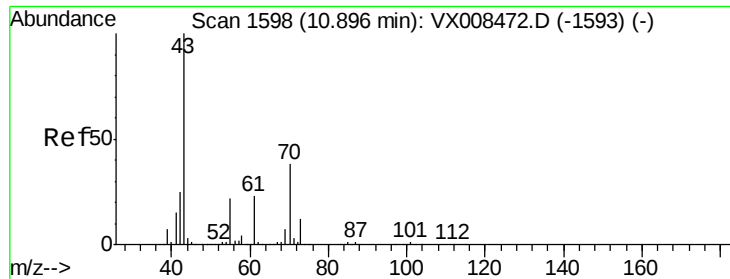
MMDadoda
 4/3/2019 10:48:30 AM



#46
 Methyl methacrylate
 Concen: 19.384 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.8	44.2	132.6
39	53.3	29.9	89.8





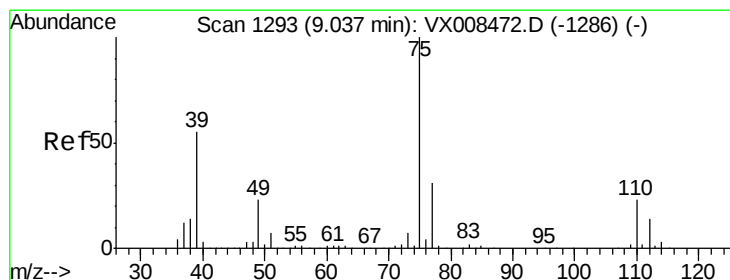
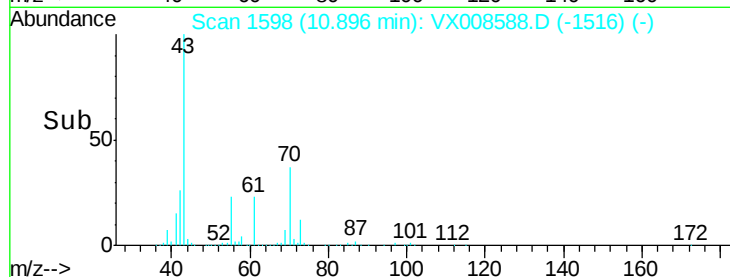
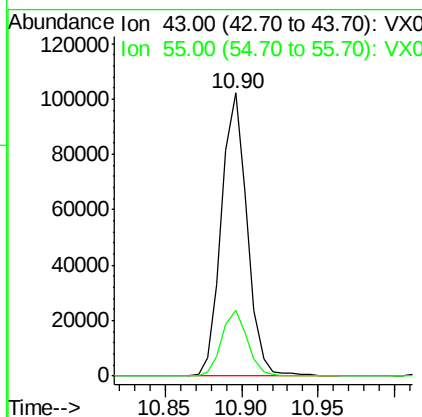
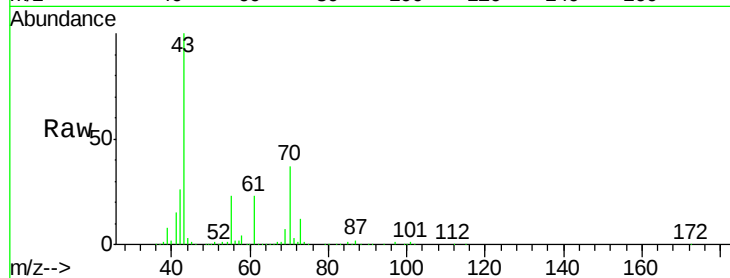
#47
n-amvl Acetate
Concen: 18.870 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	43	Resp	119002
Ion Ratio	100	Lower	Upper
55	23.5	20.8	31.2

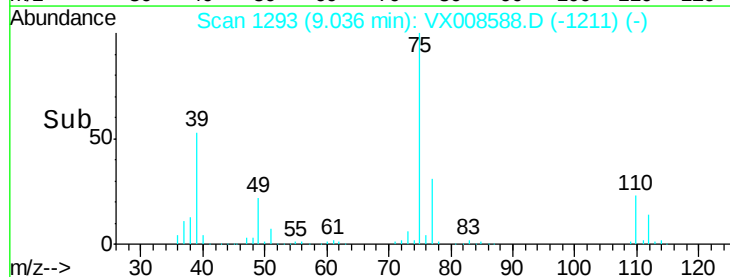
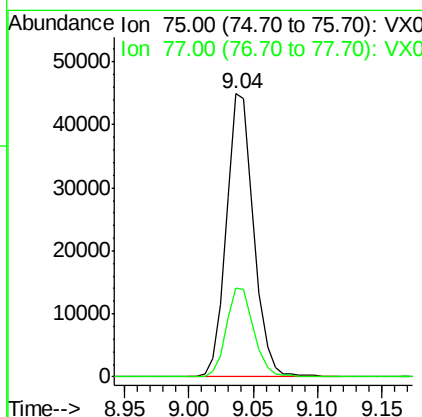
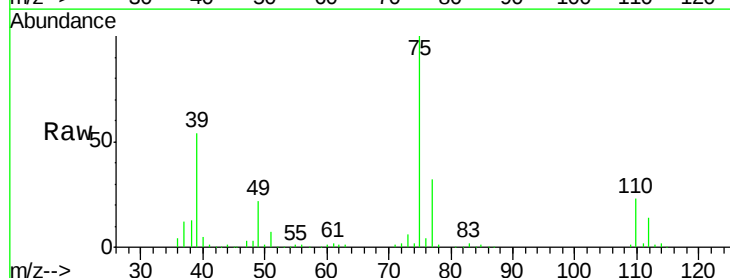
Manual Integrations
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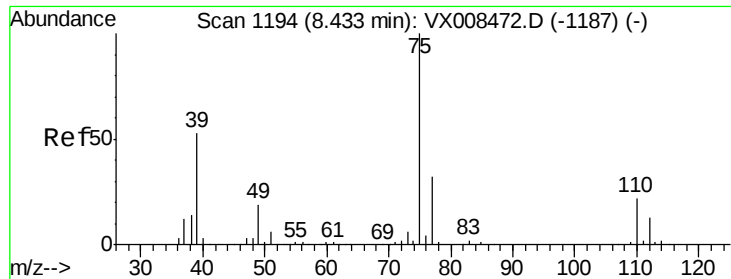
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.449 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	75	Resp	66760
Ion Ratio	100	Lower	Upper
77	31.4	24.5	36.7





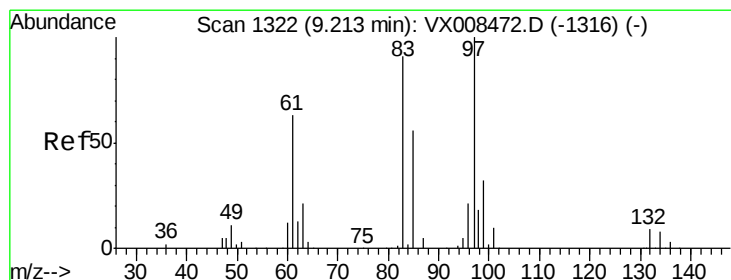
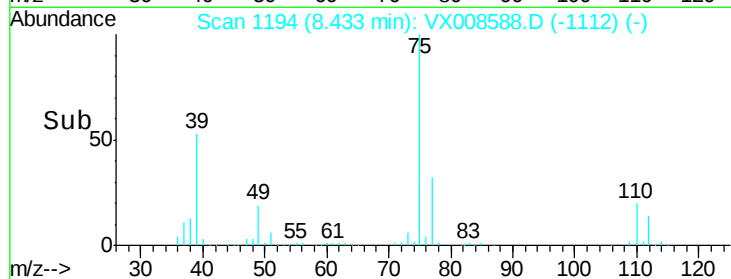
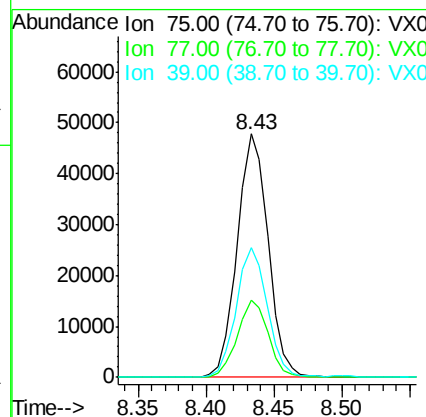
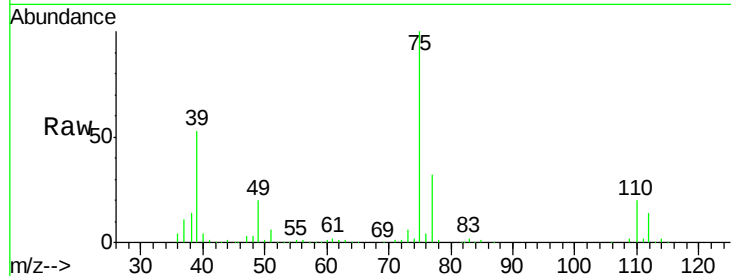
#49
 cis-1,3-Dichloropropene
 Concen: 18.737 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4
39	53.1	38.5	57.7

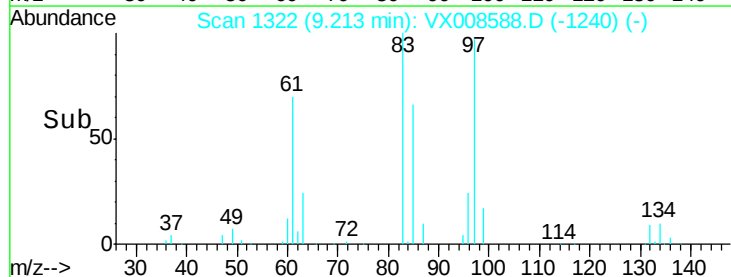
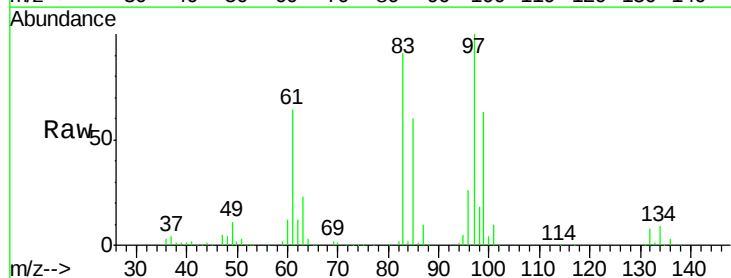
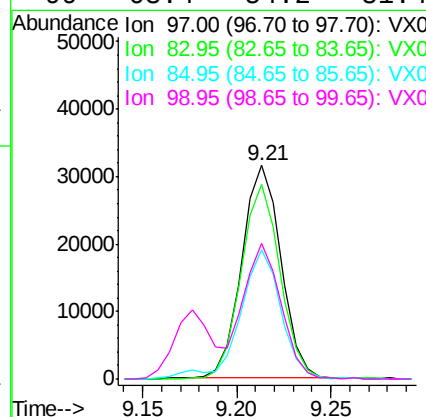
Manual Integrations
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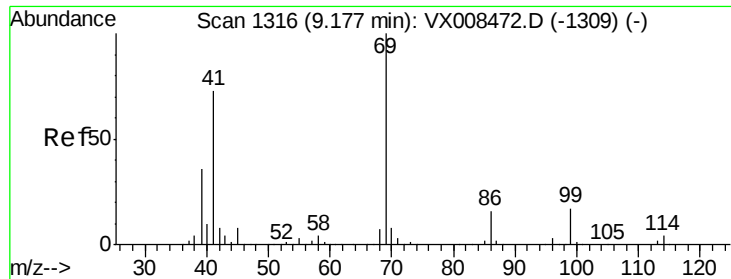
MMDadoda
 4/3/2019 10:48:30 AM



#50
 1,1,2-Trichloroethane
 Concen: 18.898 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.0	72.0	108.0
85	60.1	45.0	67.6
99	63.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.896 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

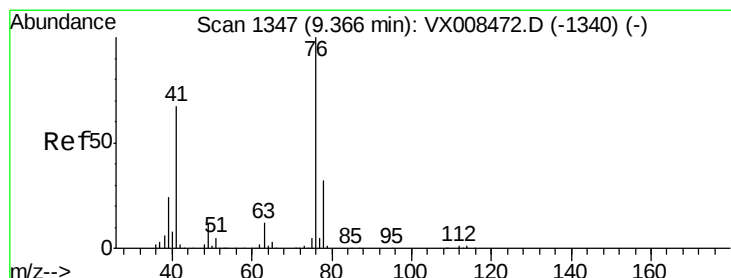
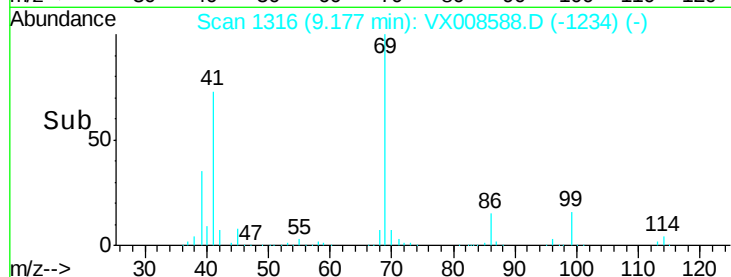
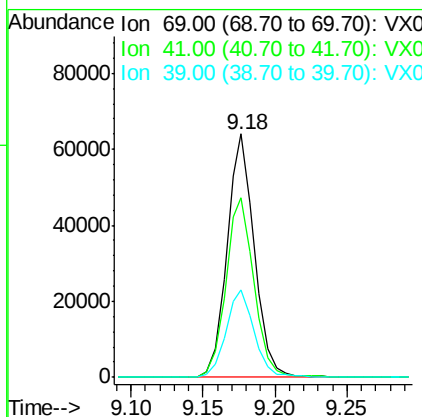
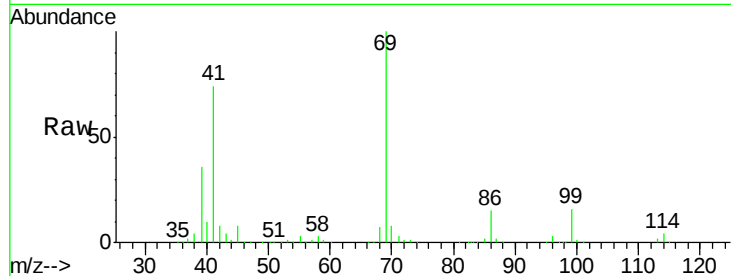
ClientSampled :

VX0402WBS01

Tot Ion:	69	Resp:	85070
Ion Ratio	Lower	Upper	
69	100		
41	73.8	32.1	96.5
39	35.9	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.657 ug/l

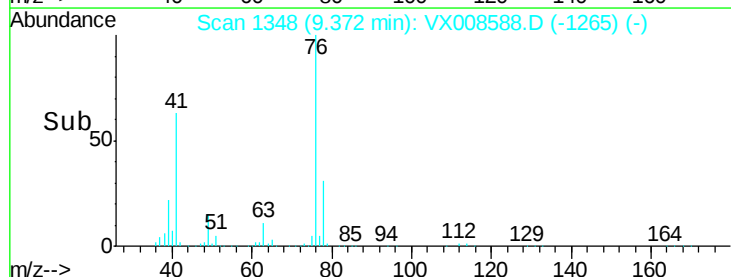
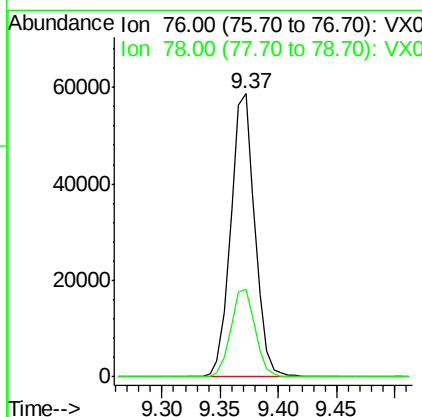
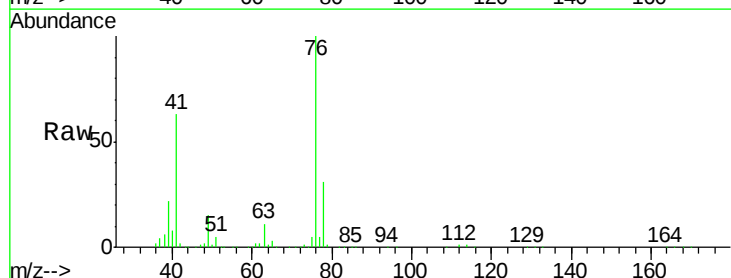
RT: 9.37 min Scan# 1348

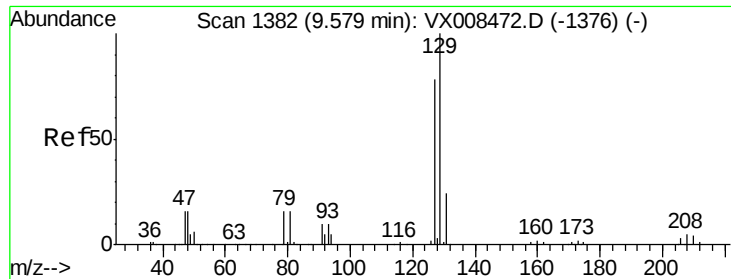
Delta R.T. 0.01 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion:	76	Resp:	84607
Ion Ratio	Lower	Upper	
76	100		
78	31.6	0.0	65.2





#53

Dibromochloromethane

Concen: 18.302 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion:129 Resp: 43573

Ion Ratio Lower Upper

129 100

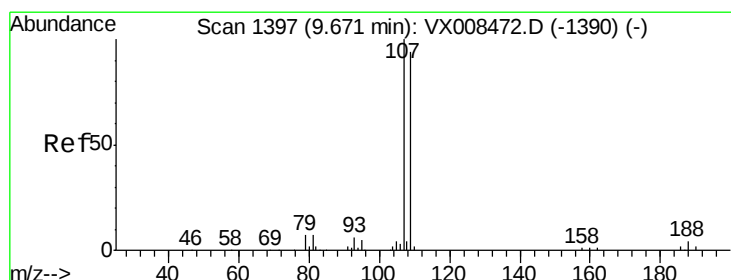
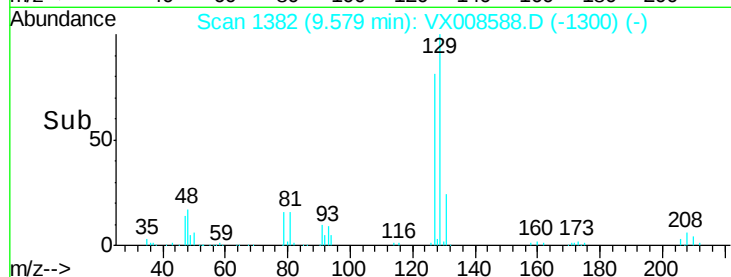
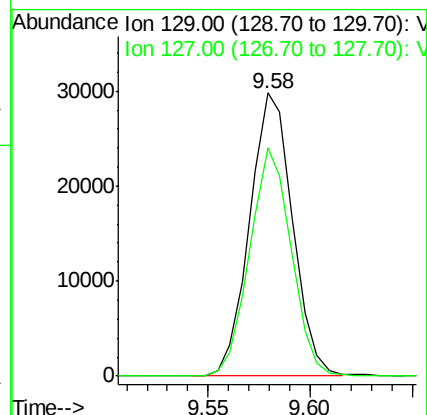
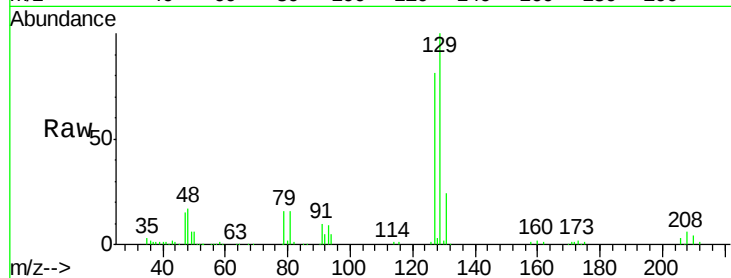
127 78.2 38.4 115.2

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 18.848 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008588.D

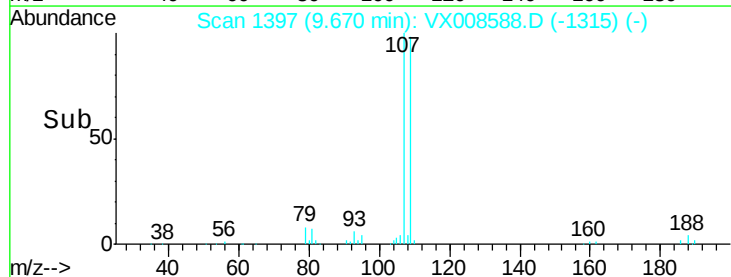
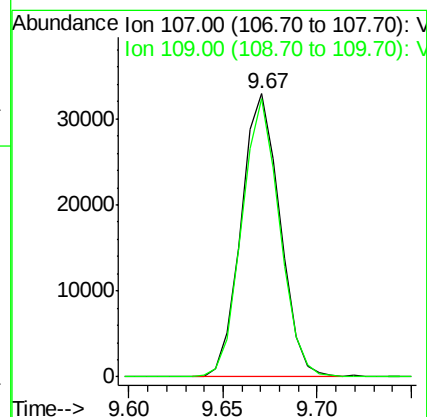
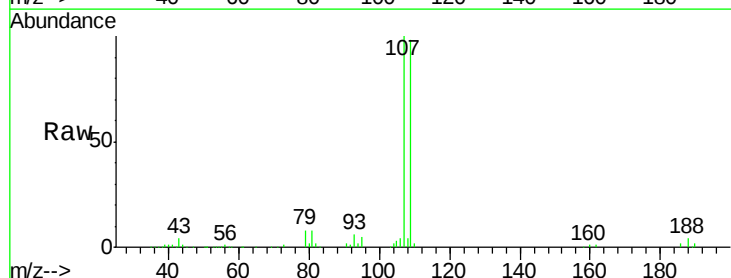
Acq: 02 Apr 2019 12:04

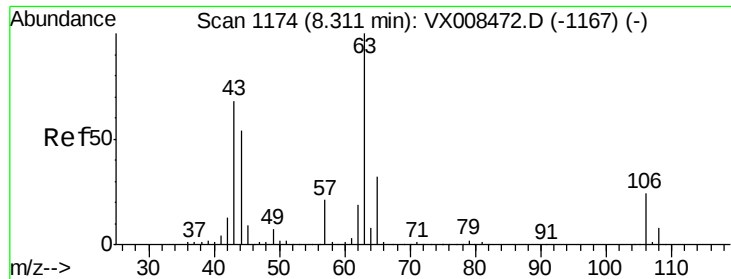
Tgt Ion:107 Resp: 47005

Ion Ratio Lower Upper

107 100

109 95.6 76.6 115.0





#55

2-Chloroethyl vinyl ether

Concen: 100.228 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 63 Resp: 227642

Ion Ratio Lower Upper

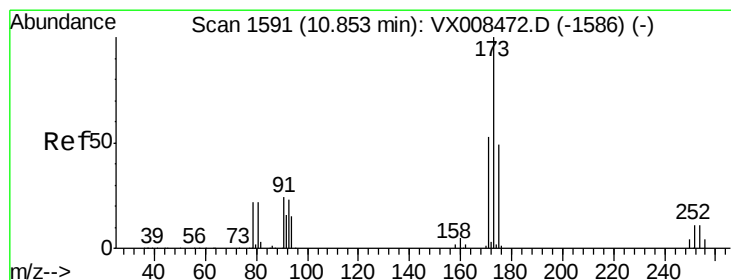
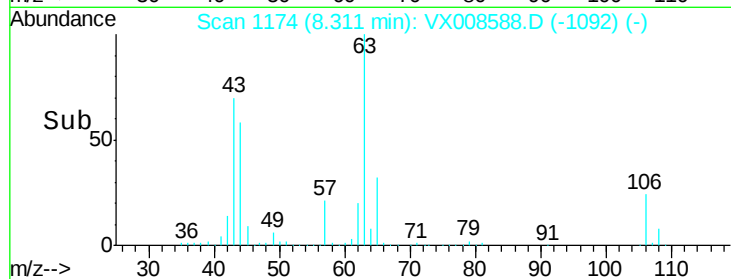
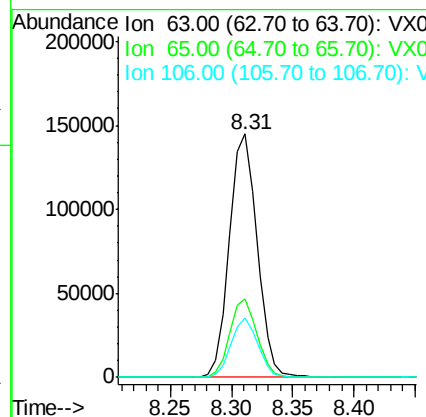
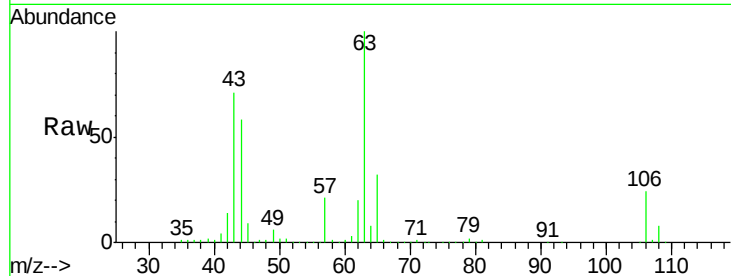
63 100

65 31.9 25.7 38.5

106 23.8 23.7 35.5

Manual Integrations
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#56

Bromoform

Concen: 17.773 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

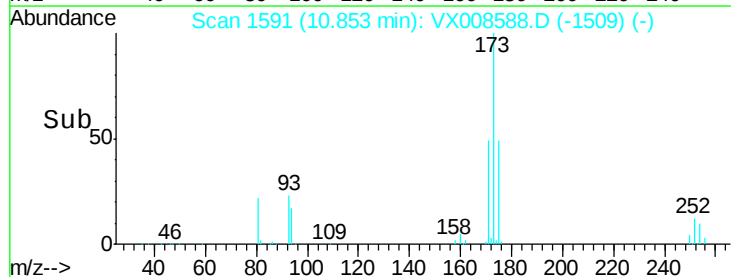
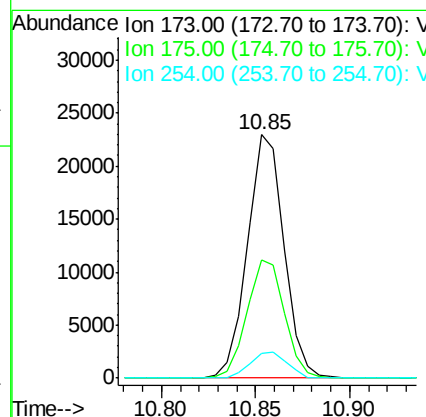
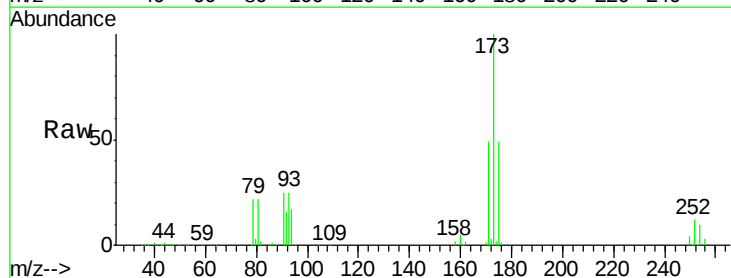
Tgt Ion: 173 Resp: 30837

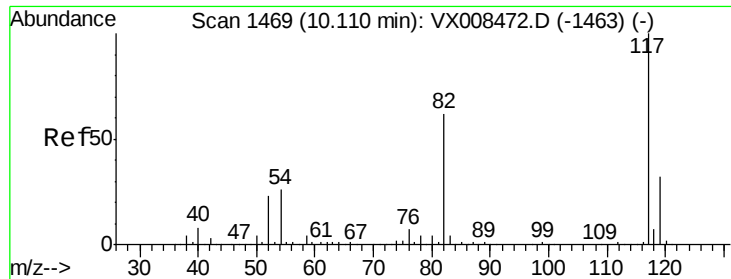
Ion Ratio Lower Upper

173 100

175 49.9 38.5 57.7

254 10.8 7.4 11.2





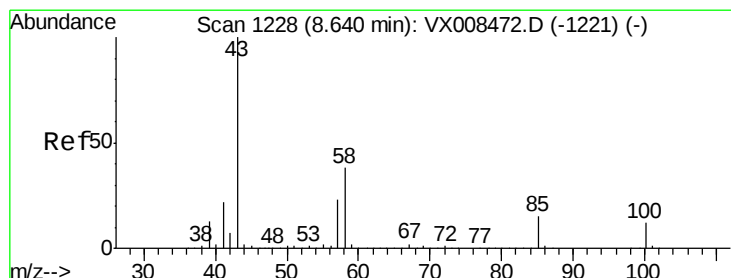
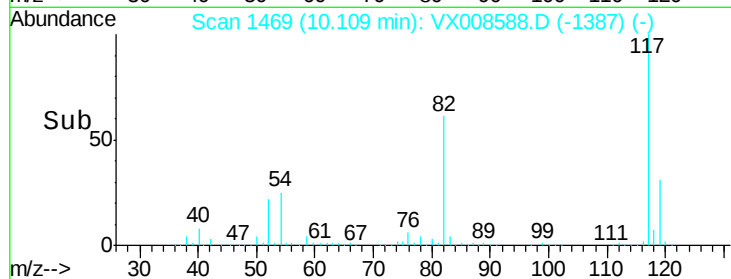
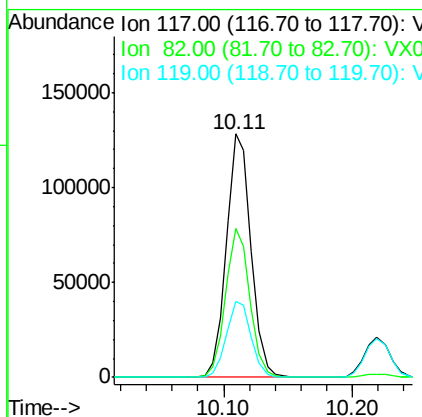
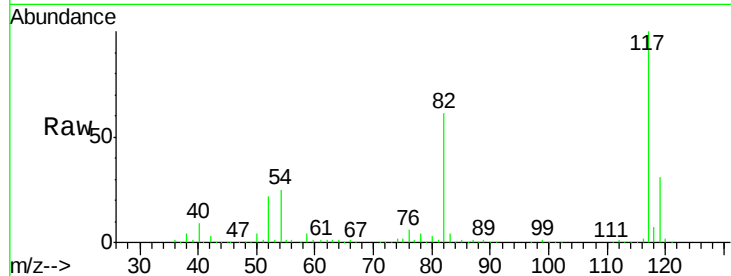
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	40.4	60.6
119	31.5	25.8	38.6

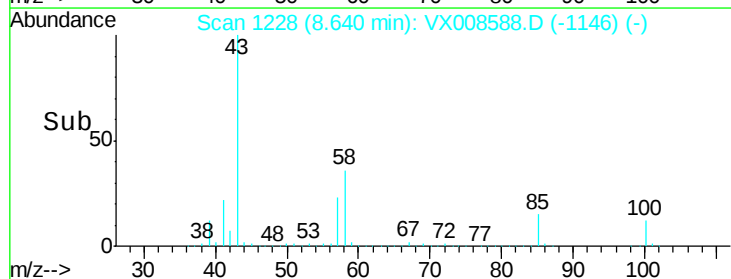
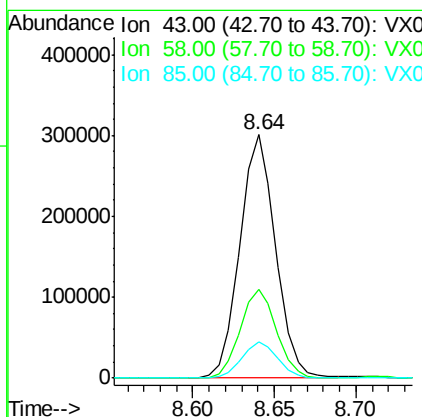
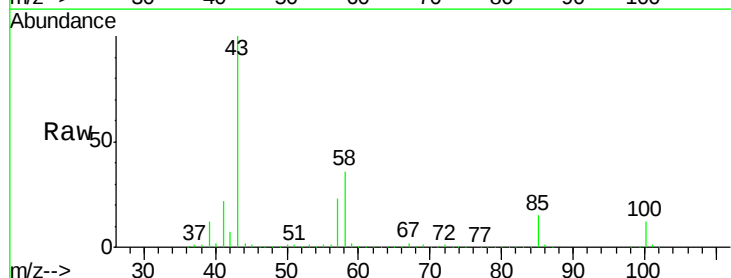
Manual Integrations
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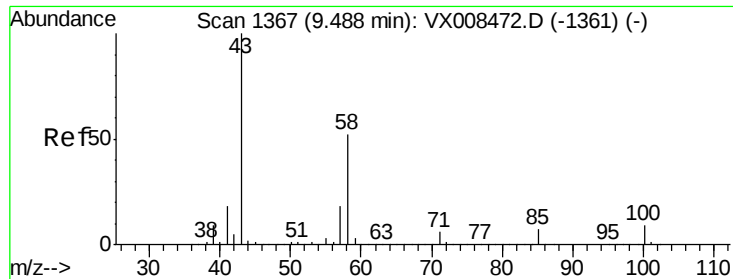
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 100.906 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.1	31.4	47.0
85	15.1	15.0	22.6





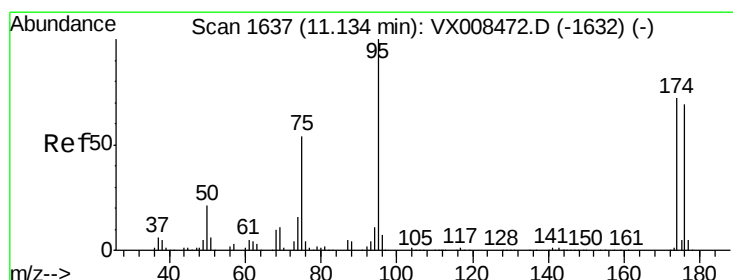
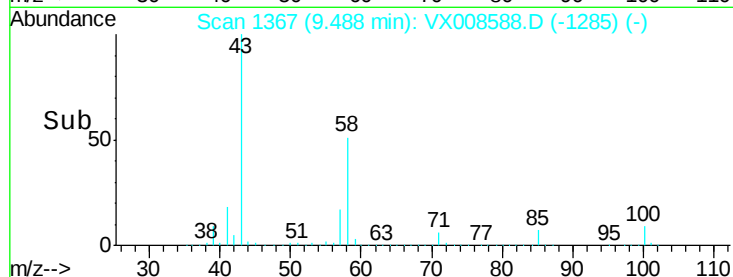
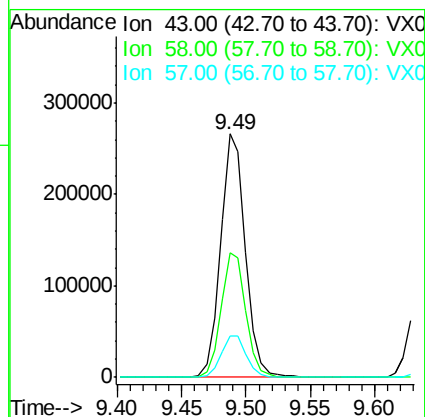
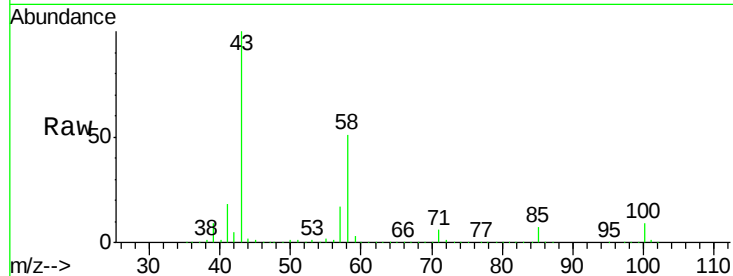
#59
2-Hexanone
Concen: 100.177 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.5	43.9	65.9
57	17.6	14.9	22.3

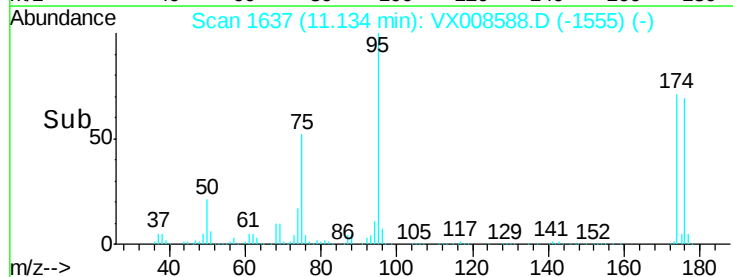
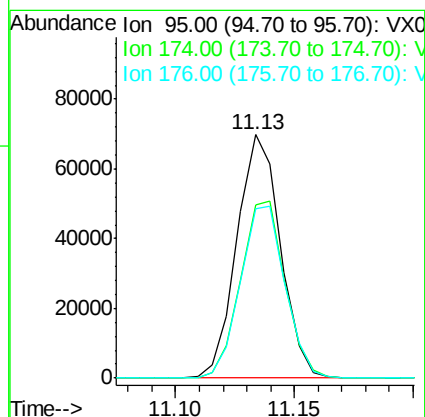
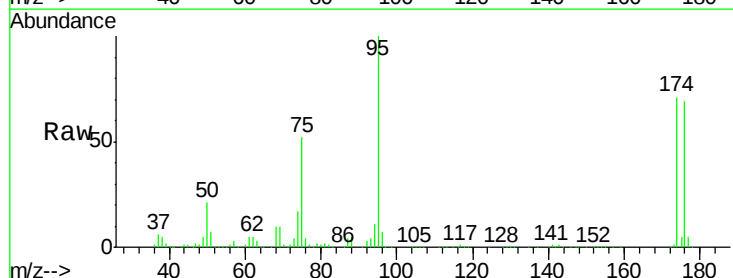
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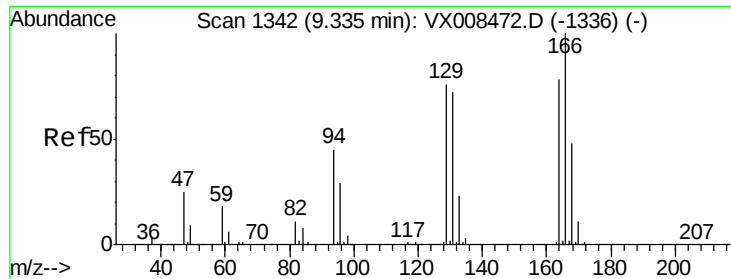
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4/3/2019 10:48:30 AM



#60
4-Bromofluorobenzene
Concen: 29.575 ug/l m
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	0.3	74.9	112.3#
176	0.3	70.7	106.1#





#61

Tetrachloroethene

Concen: 20.004 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion:164 Resp: 37625

Ion Ratio Lower Upper

164 100

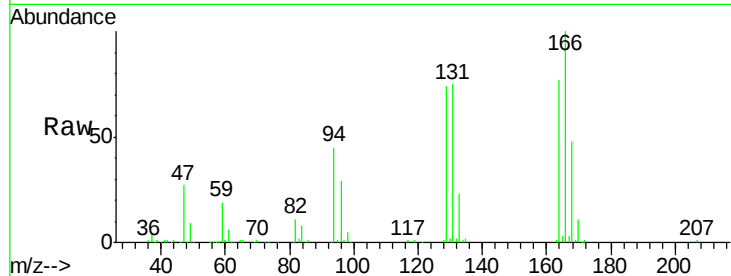
166 129.9 103.9 155.9

129 96.6 74.7 112.1

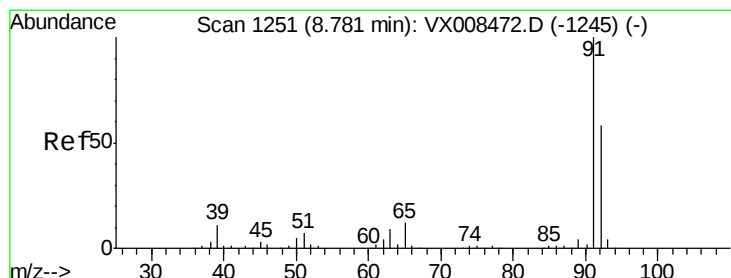
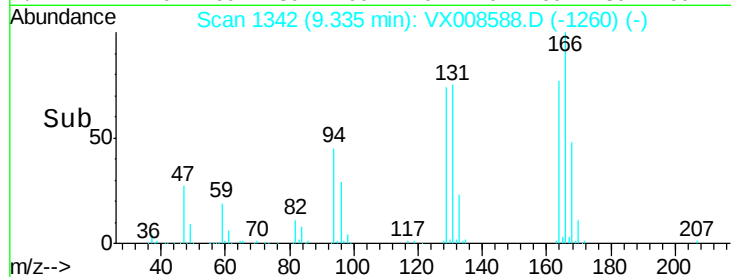
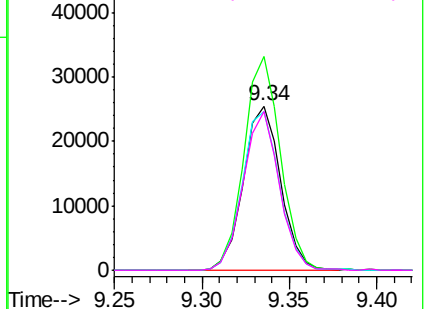
131 96.8 71.7 107.5

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Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.392 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008588.D

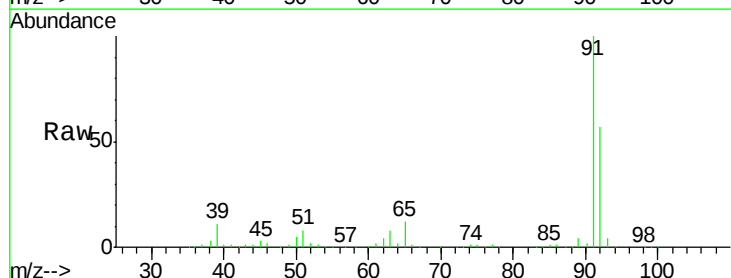
Acq: 02 Apr 2019 12:04

Tgt Ion: 91 Resp: 201892

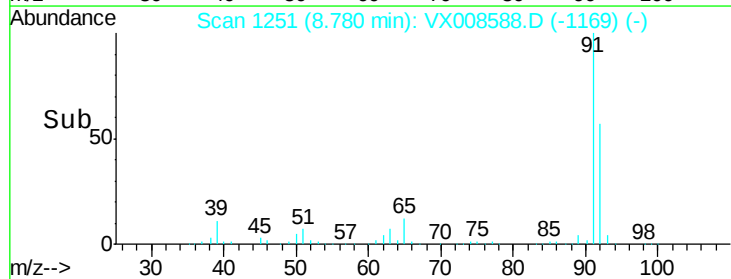
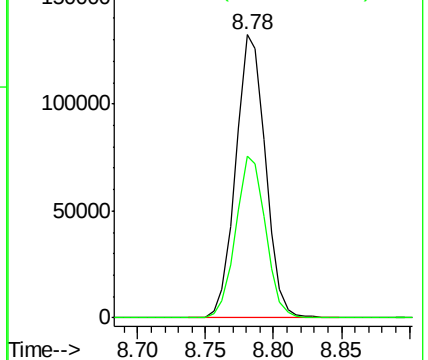
Ion Ratio Lower Upper

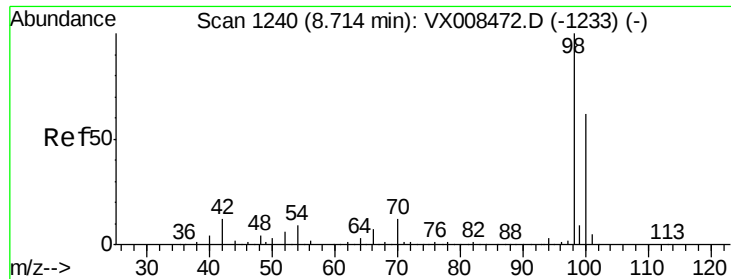
91 100

92 57.3 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.284 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 98 Resp: 247181

Ion Ratio Lower Upper

98 100

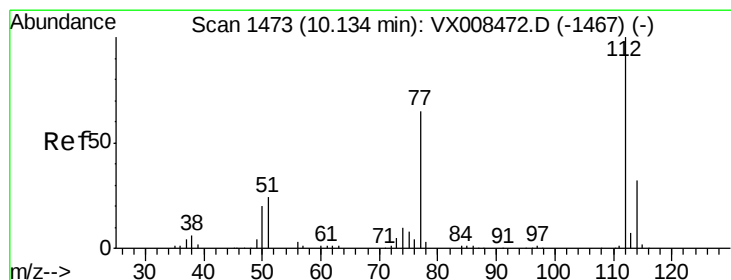
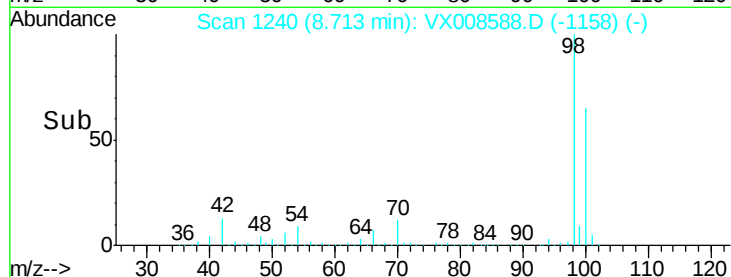
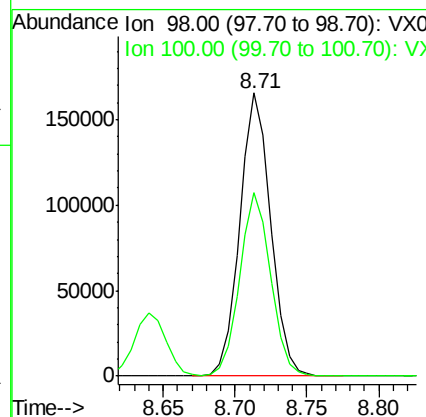
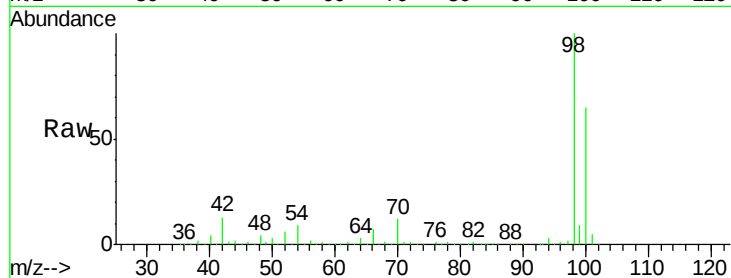
100 64.7 50.9 76.3

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#64

Chlorobenzene

Concen: 19.030 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008588.D

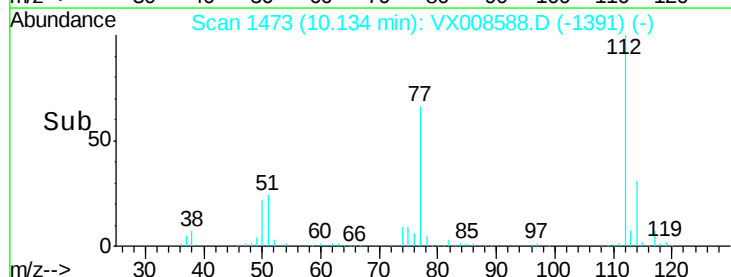
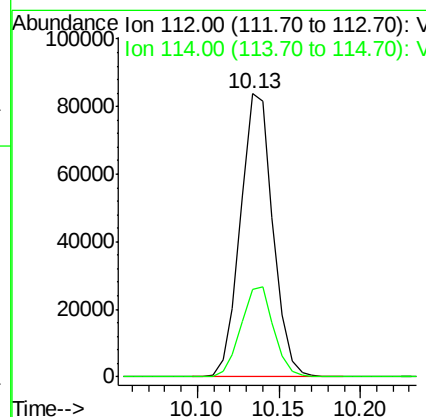
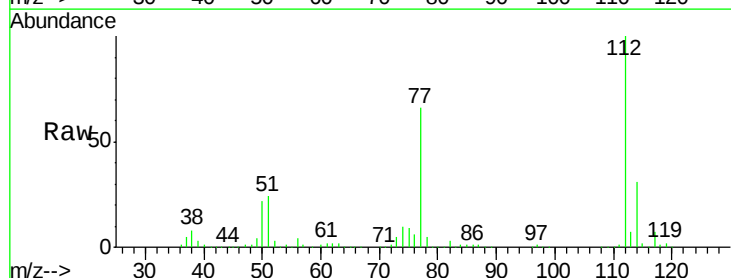
Acq: 02 Apr 2019 12:04

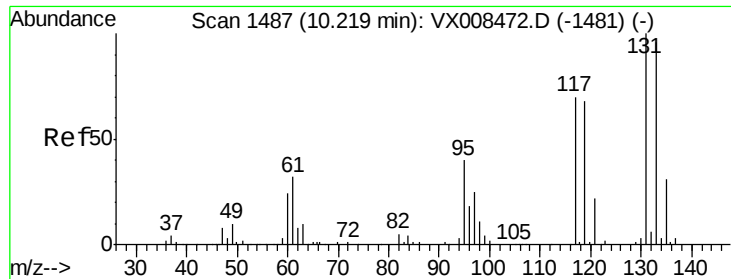
Tgt Ion: 112 Resp: 116091

Ion Ratio Lower Upper

112 100

114 31.0 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.850 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

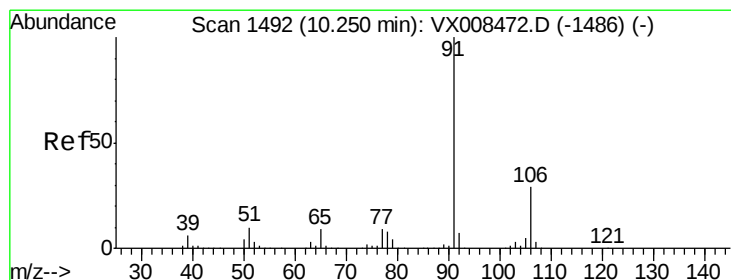
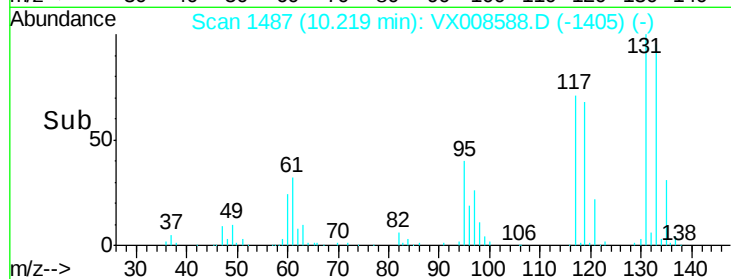
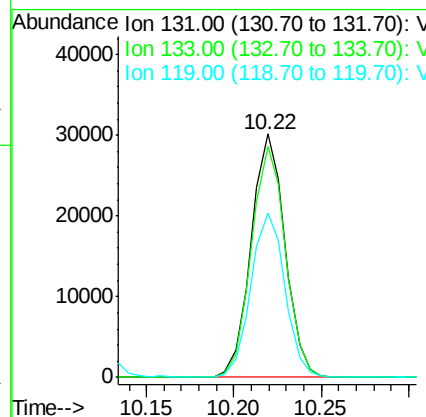
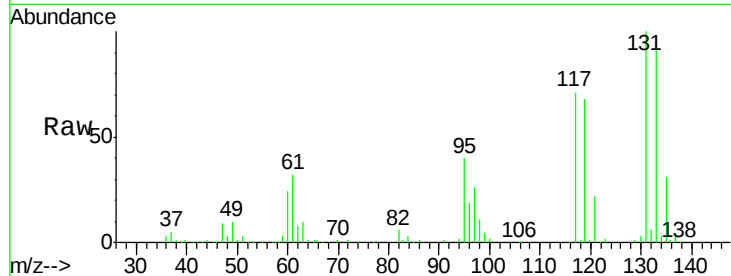
ClientSampled :

VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	40542		
133	95.7	0.0	191.6	
119	68.1	0.0	127.4	

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#66

Ethyl Benzene

Concen: 18.992 ug/l

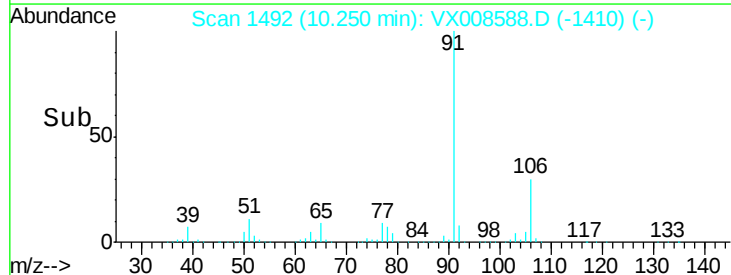
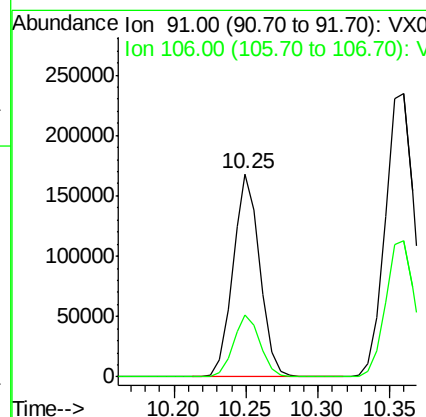
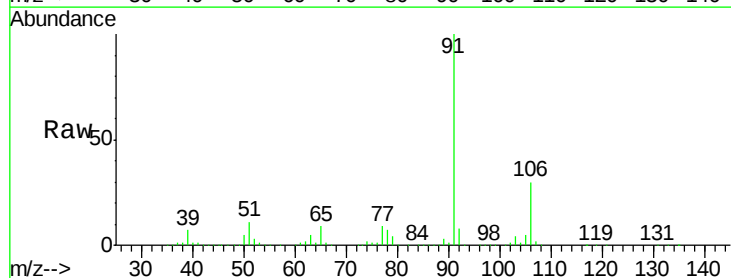
RT: 10.25 min Scan# 1492

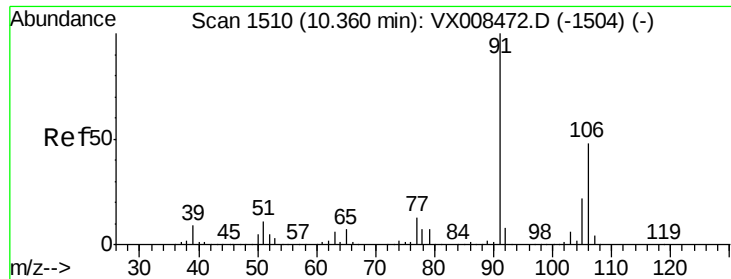
Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	219468		
106	30.2	26.0	39.0	





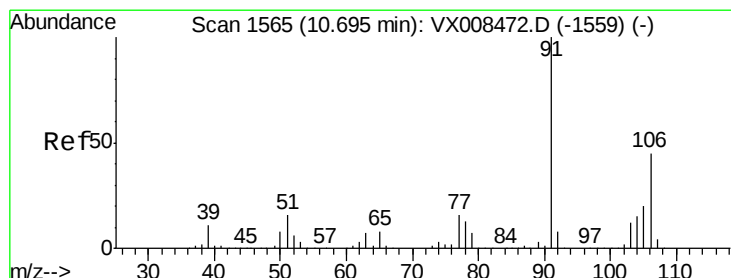
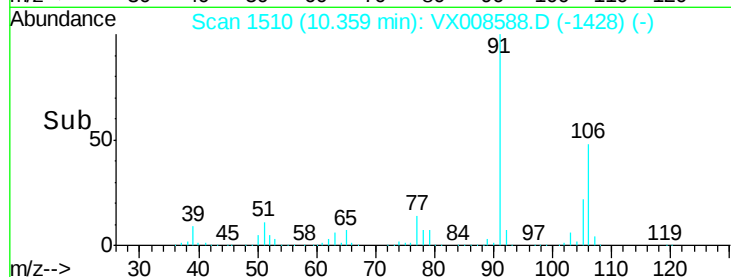
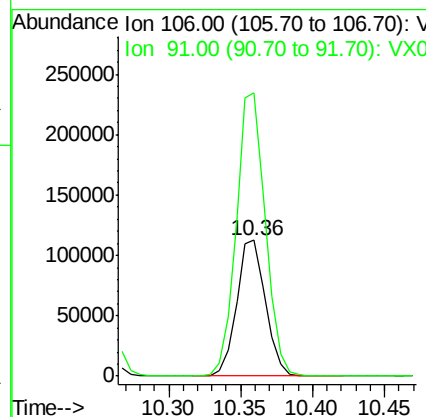
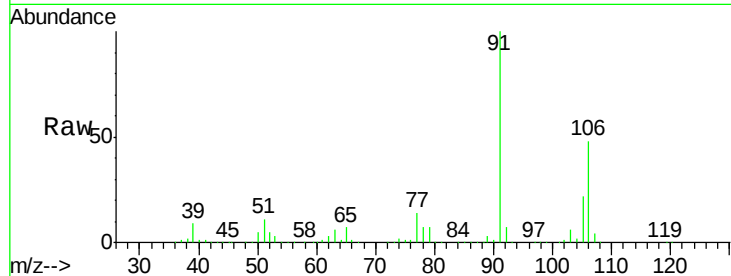
#67
m/p-Xvlenes
Concen: 37.423 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion:106 Resp: 157730
Ion Ratio Lower Upper
106 100
91 209.2 157.0 235.4

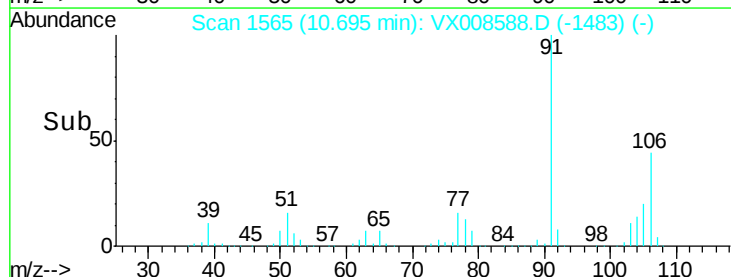
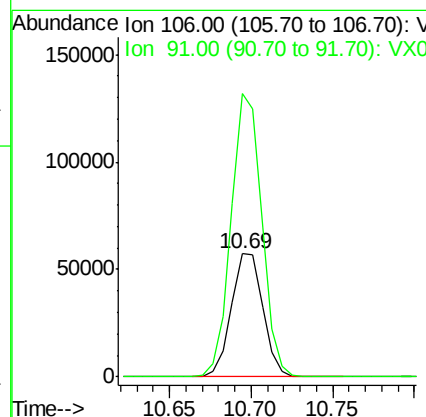
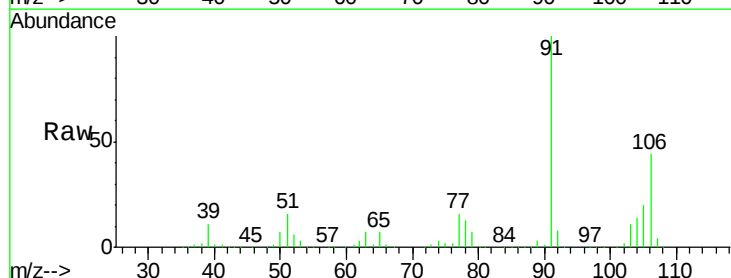
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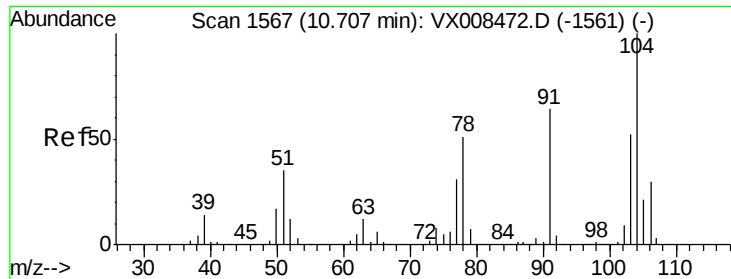
MMDadoda
4/3/2019 10:48:30 AM



#68
o-Xylene
Concen: 18.795 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion:106 Resp: 77520
Ion Ratio Lower Upper
106 100
91 221.9 104.4 313.2





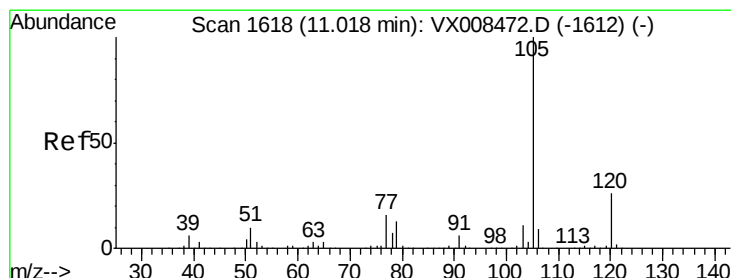
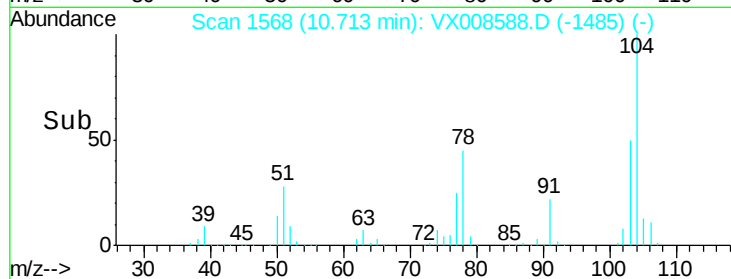
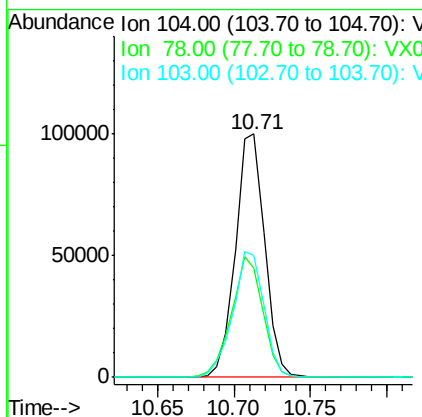
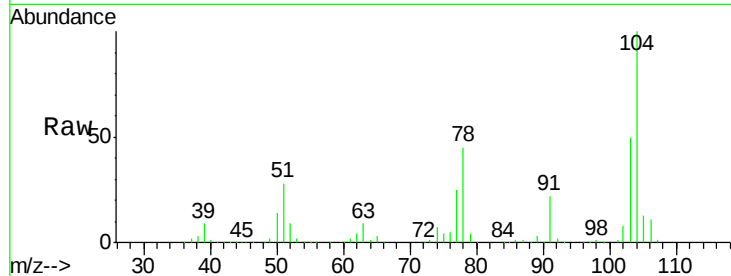
#69
Stvrene
Concen: 18.535 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.1	38.2	57.2
103	55.2	45.0	67.4

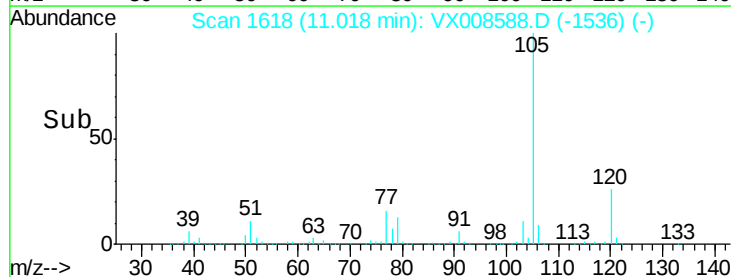
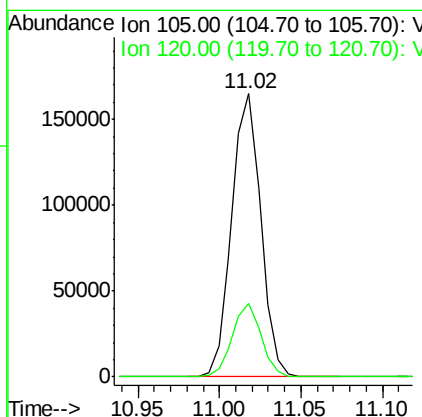
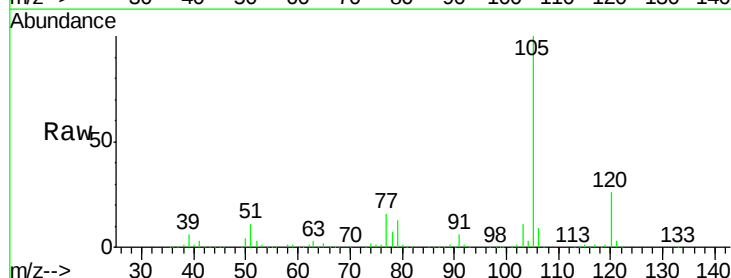
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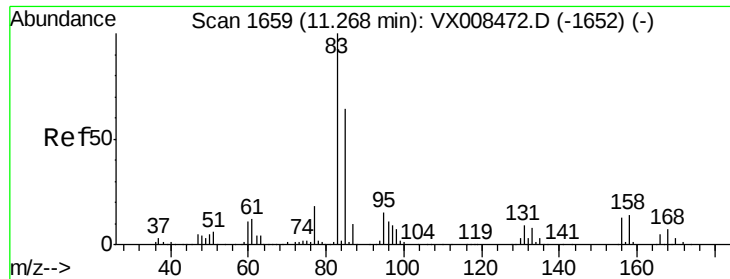
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#70
Isopropylbenzene
Concen: 18.855 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	19.8	36.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.452 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

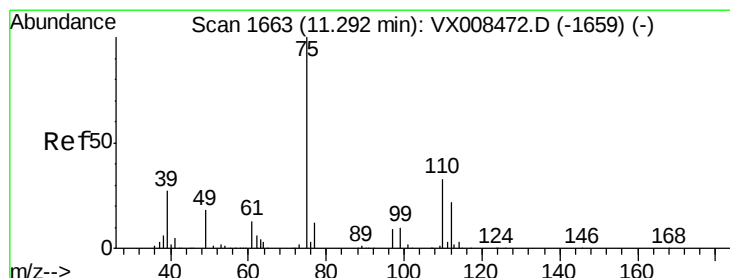
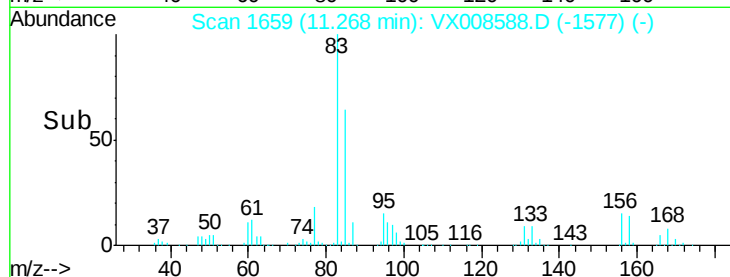
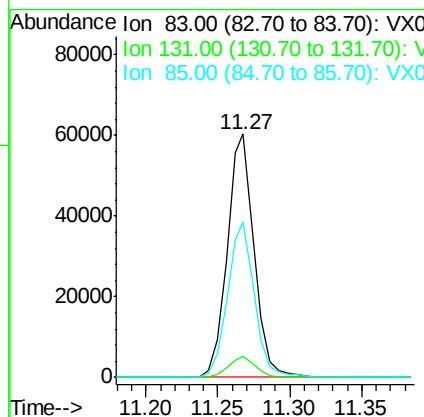
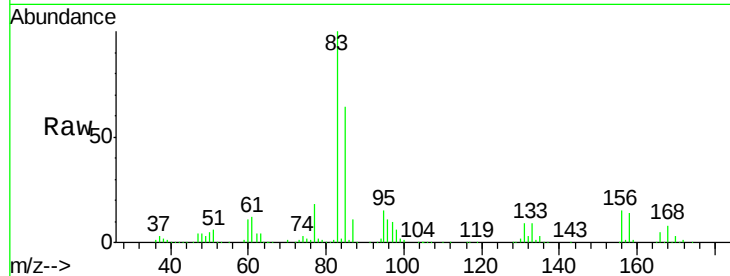
ClientSampled :

VX0402WBS01

Tot Ion:	83	Resp:	79063
Ion Ratio	Lower	Upper	
83	100		
131	8.6	5.4	16.2
85	63.9	32.8	98.4

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#72

1,2,3-Trichloropropane

Concen: 19.830 ug/l m

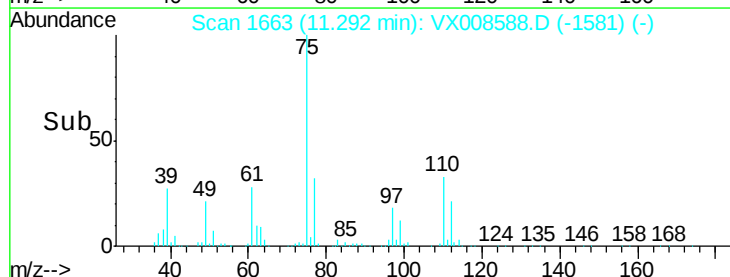
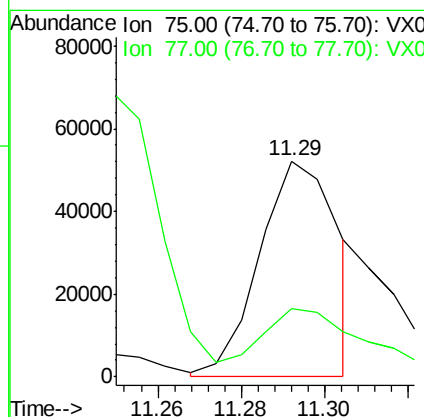
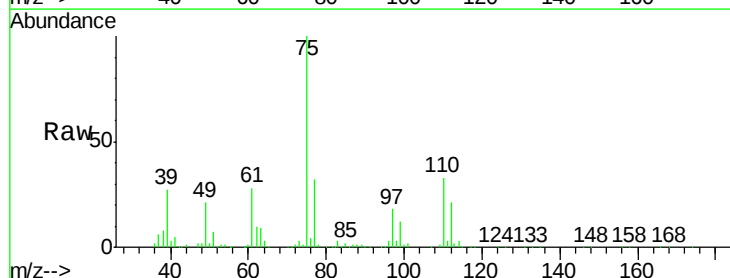
RT: 11.29 min Scan# 1663

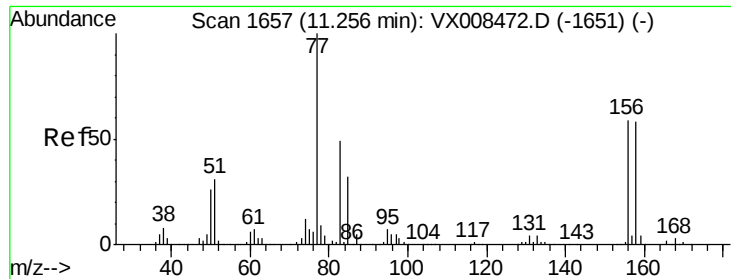
Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion:	75	Resp:	68127
Ion Ratio	Lower	Upper	
75	100		
77	42.8	0.0	76.4





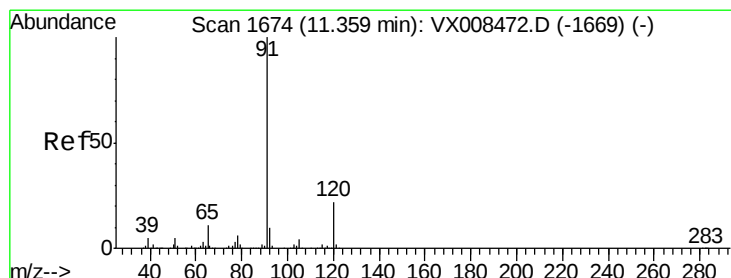
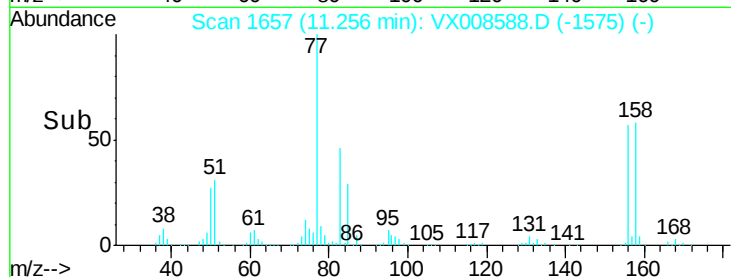
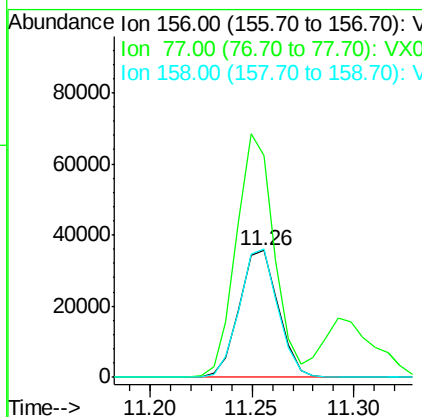
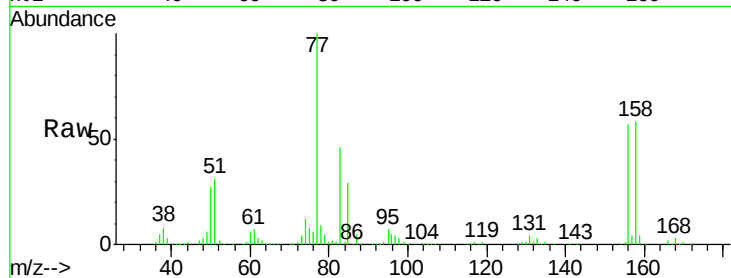
#73
Bromobenzene
Concen: 18.346 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.5	0.0	271.4
158	100.1	0.0	194.0

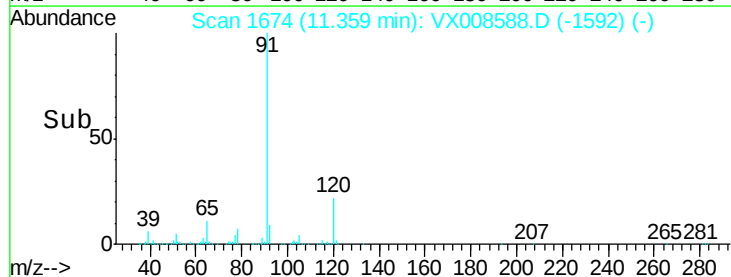
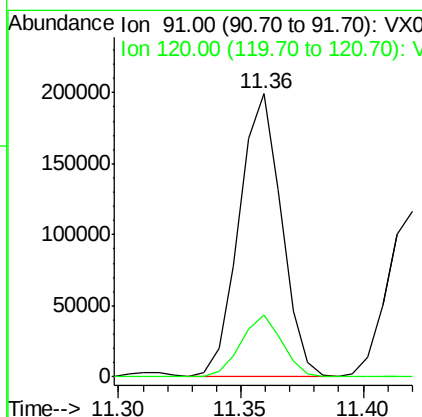
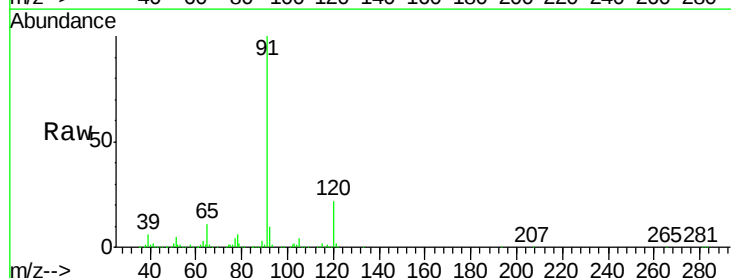
Manual Integrations
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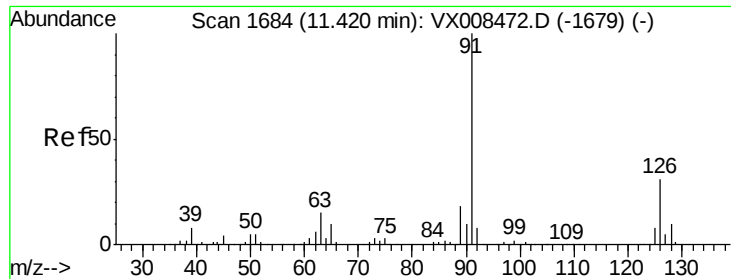
MMDadoda
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#74
n-propylbenzene
Concen: 18.543 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	0.0	48.6





#75

2-Chlorotoluene

Concen: 18.832 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 91 Resp: 145216

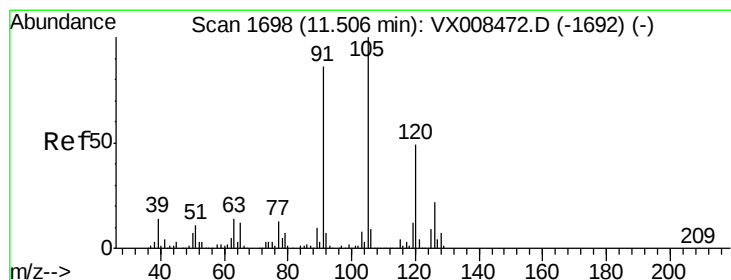
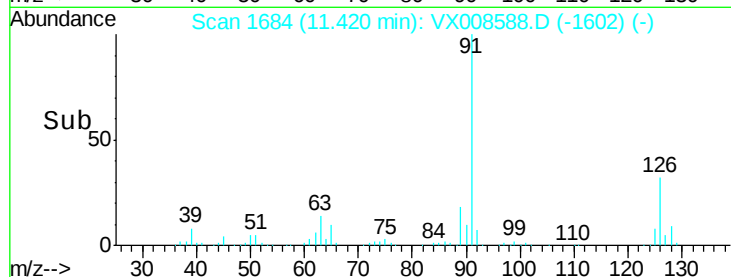
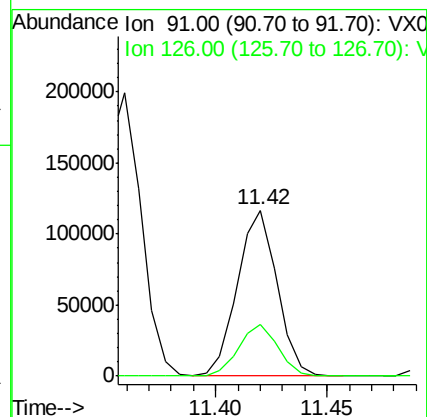
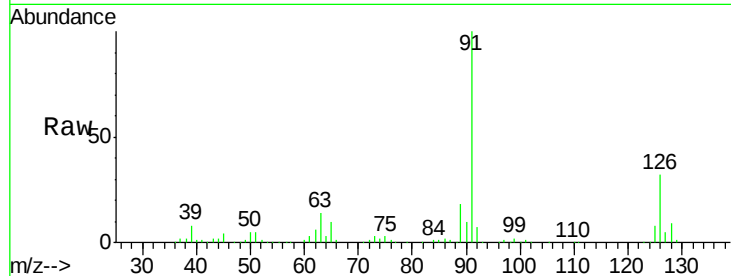
Ion Ratio Lower Upper

91 100

126 31.1 0.0 75.2

Manual Integrations
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4/3/2019 10:48:30 AM



#76

1,3,5-Trimethylbenzene

Concen: 18.518 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008588.D

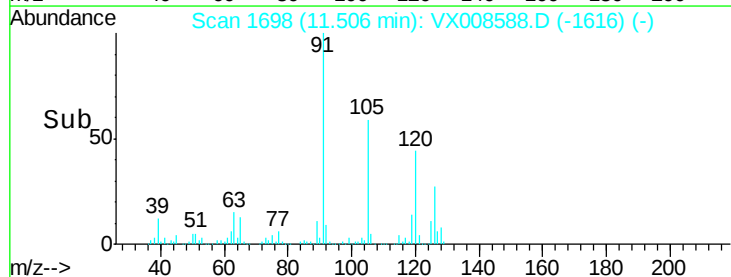
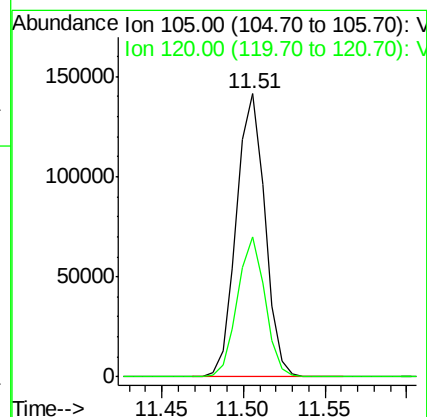
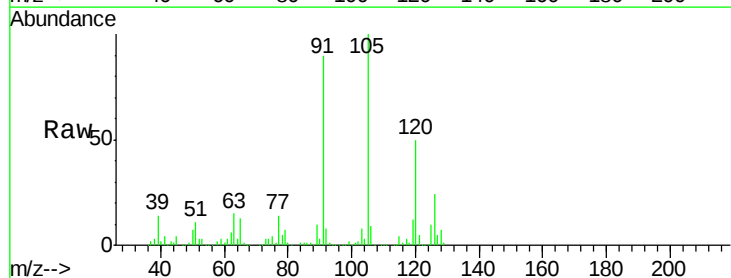
Acq: 02 Apr 2019 12:04

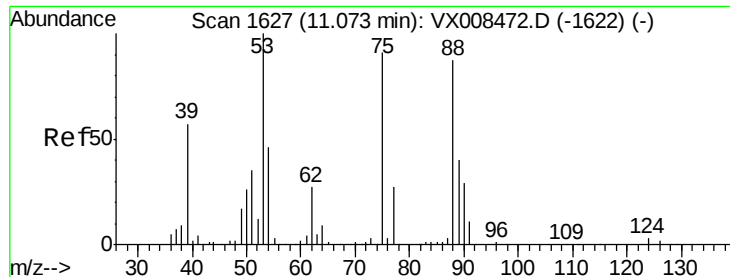
Tgt Ion: 105 Resp: 172247

Ion Ratio Lower Upper

105 100

120 48.0 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.355 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 75 Resp: 24188

Ion Ratio Lower Upper

75 100

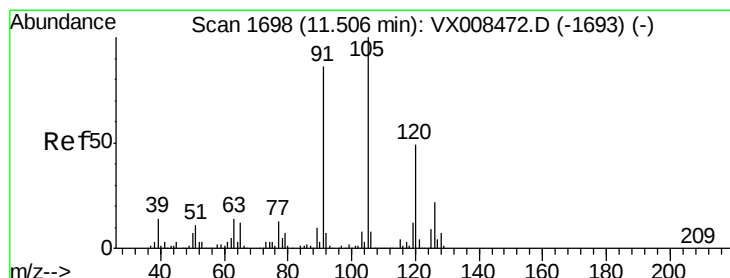
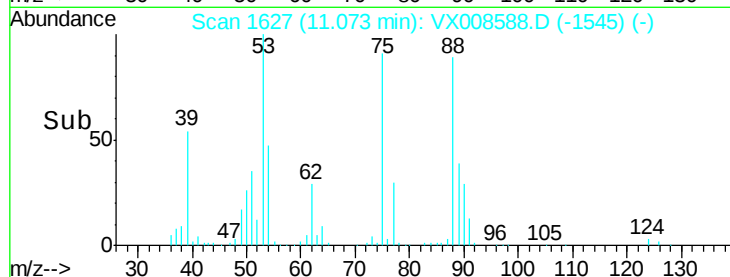
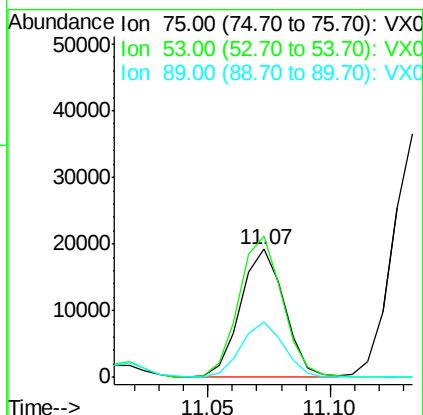
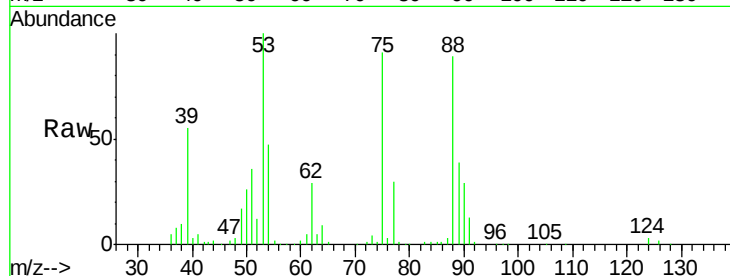
53 109.9 55.5 166.7

89 43.4 24.4 73.2

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#78

4-Chlorotoluene

Concen: 18.221 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008588.D

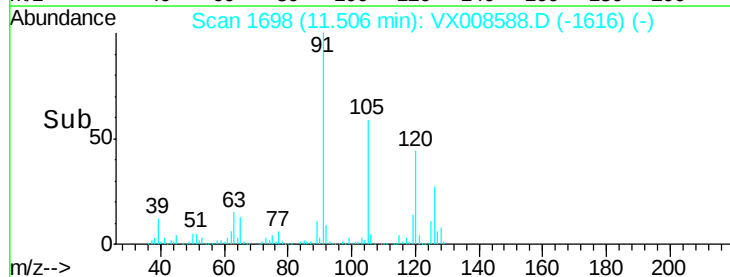
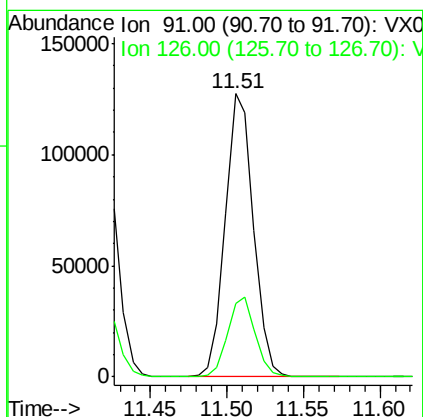
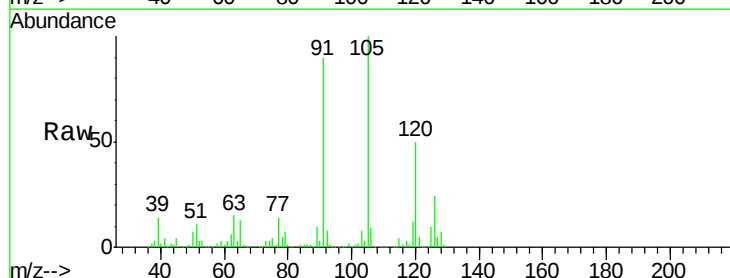
Acq: 02 Apr 2019 12:04

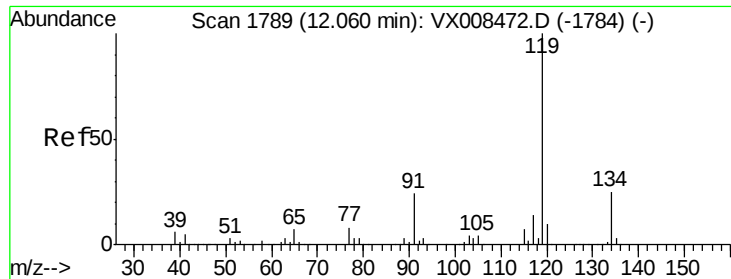
Tgt Ion: 91 Resp: 161707

Ion Ratio Lower Upper

91 100

126 27.6 0.0 66.2





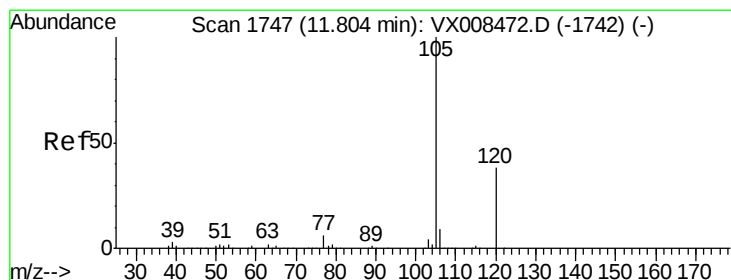
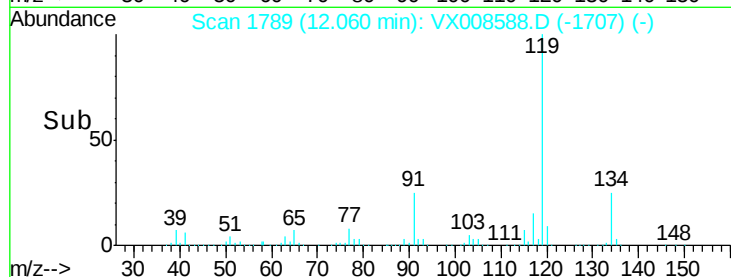
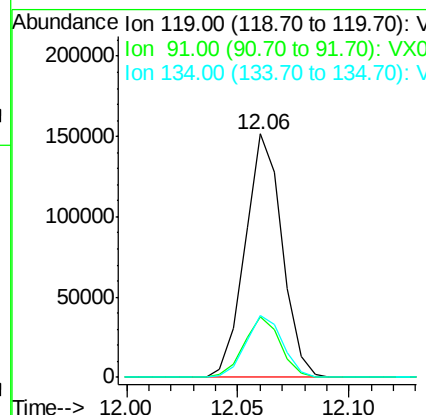
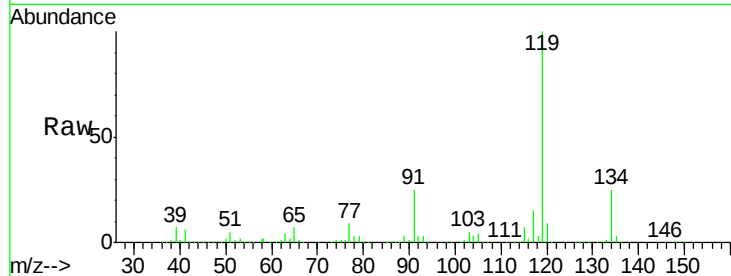
#79
tert-butylbenzene
Concen: 18.453 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175407		
91	24.4	0.0	45.0	
134	25.6	0.0	55.4	

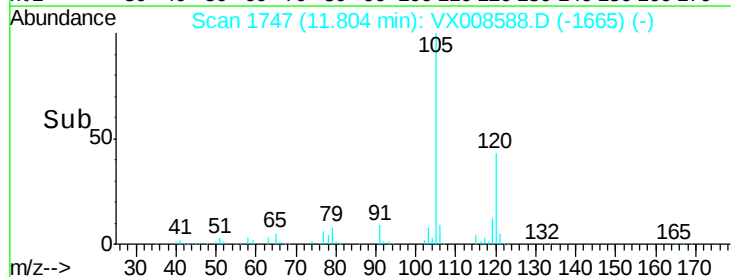
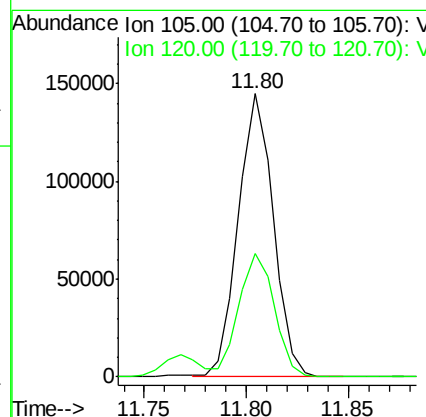
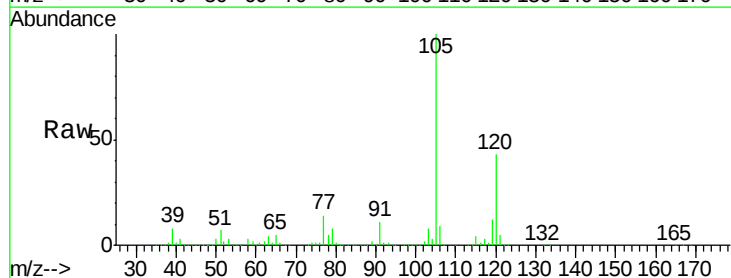
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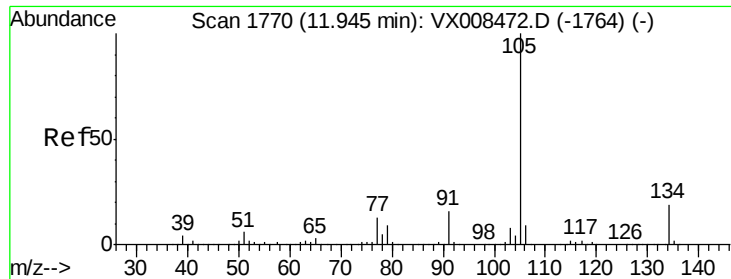
MMDadoda
4/3/2019 10:48:30 AM



#80
1,2,4-Trimethylbenzene
Concen: 18.533 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	171884		
120	44.8	0.0	94.0	





#81

sec-Butylbenzene

Concen: 18.627 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion:105 Resp: 197967

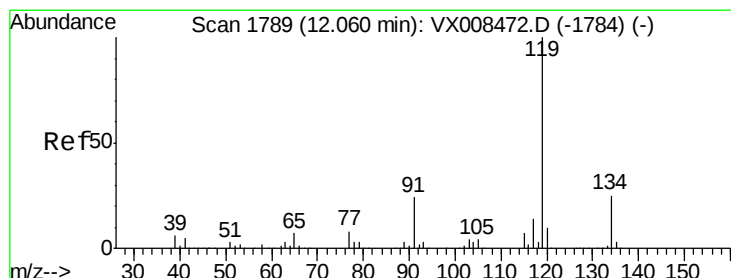
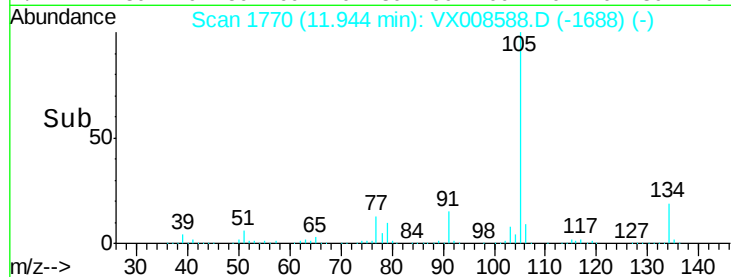
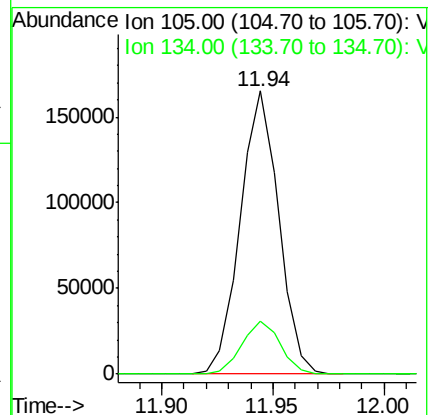
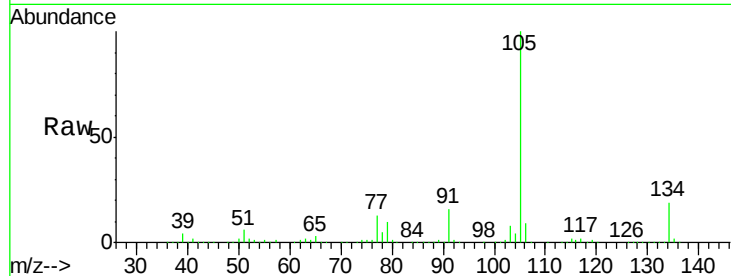
Ion Ratio Lower Upper

105 100

134 18.9 0.0 41.8

Manual Integrations
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4/3/2019 10:48:30 AM



#82

p-Isopropyltoluene

Concen: 18.453 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

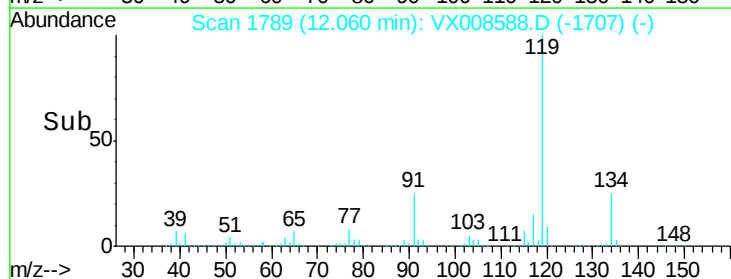
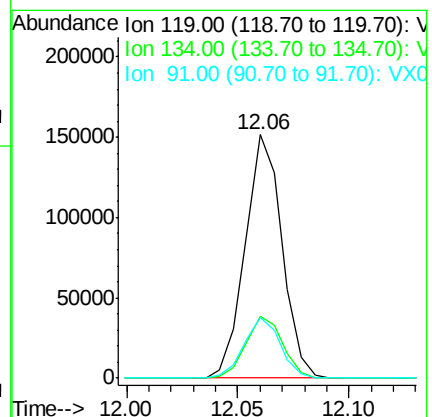
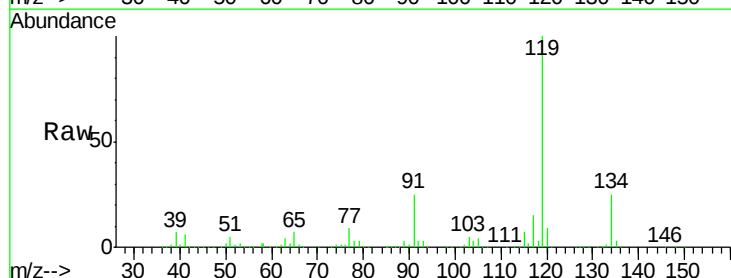
Tgt Ion:119 Resp: 175407

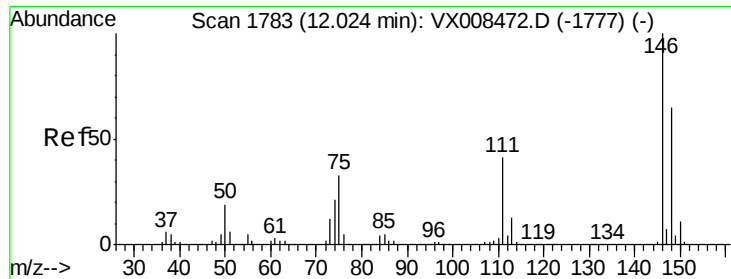
Ion Ratio Lower Upper

119 100

134 25.6 0.0 55.4

91 24.4 0.0 45.0





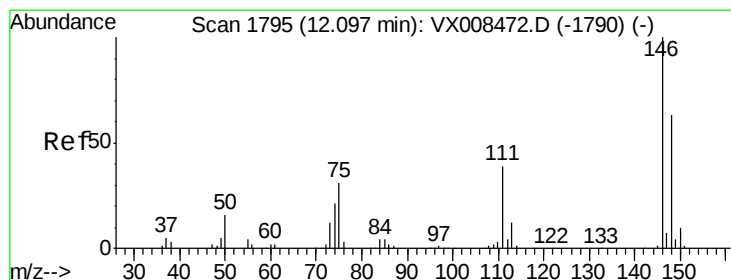
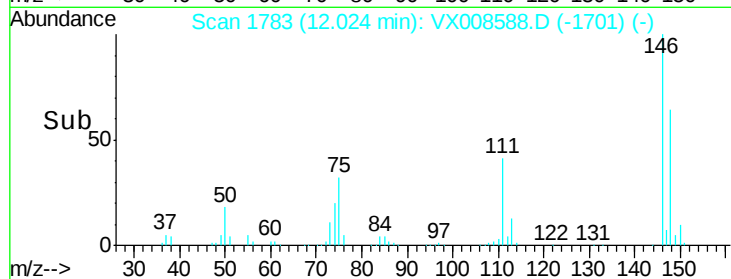
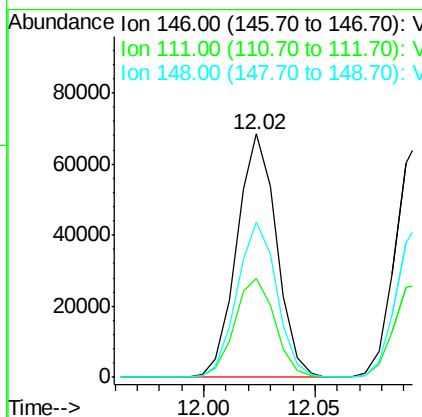
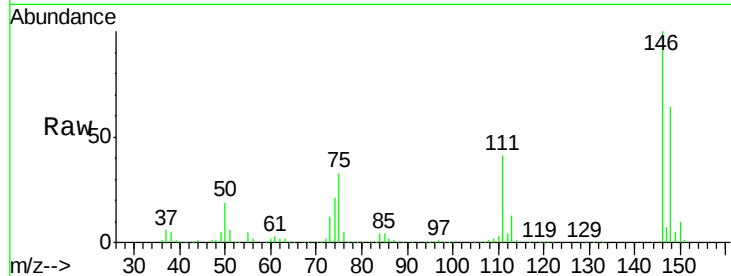
#83
 1,3-Dichlorobenzene
 Concen: 18.532 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.8	56.3
148	63.7	30.6	91.8

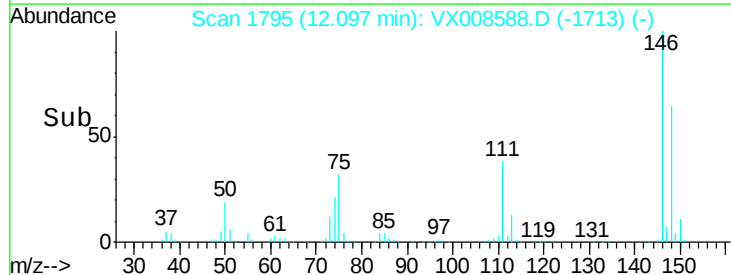
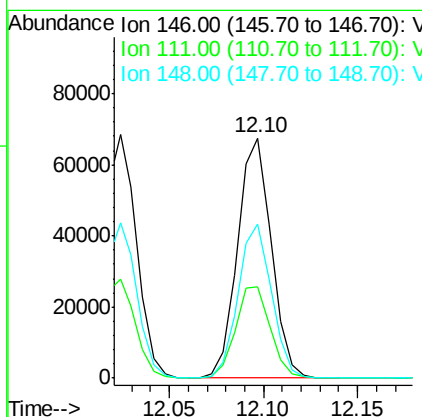
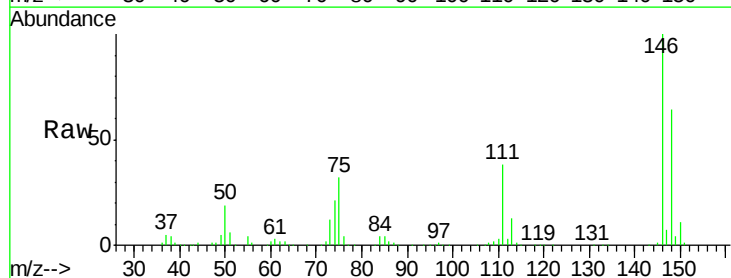
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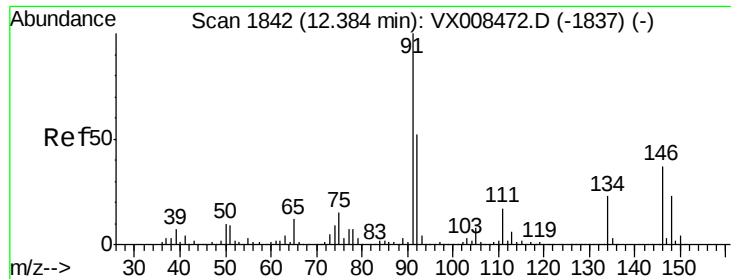
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 18.295 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	17.6	52.8
148	63.3	31.4	94.2





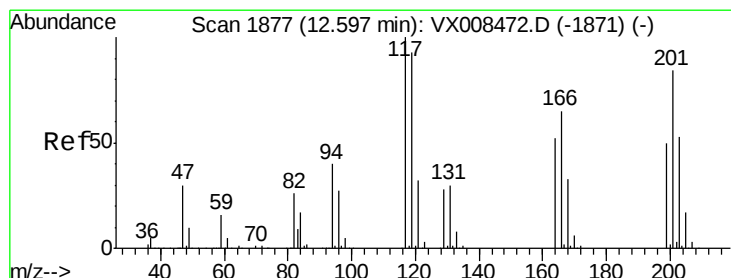
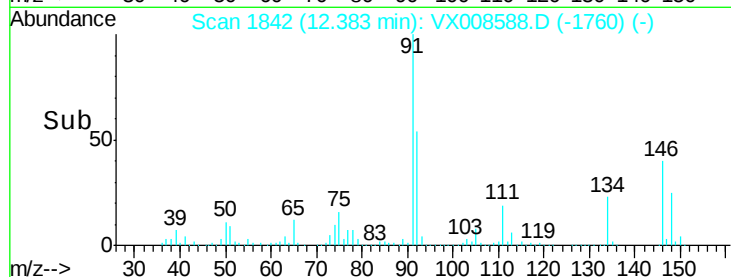
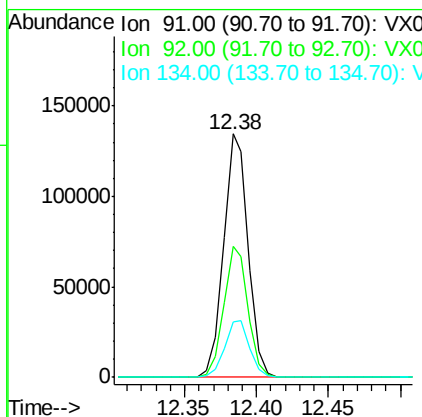
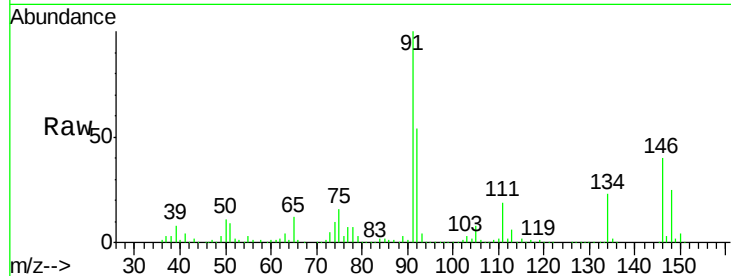
#85
n-Butylbenzene
Concen: 17.810 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	160854		
92	53.2	0.0	105.2	
134	23.6	0.0	56.4	

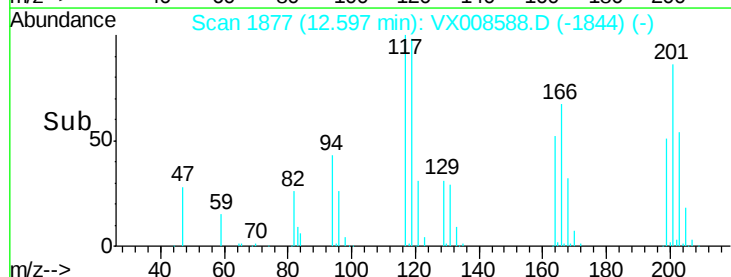
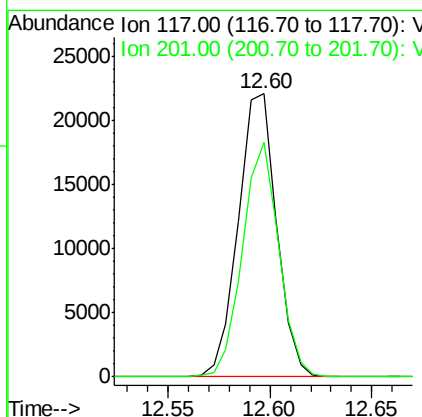
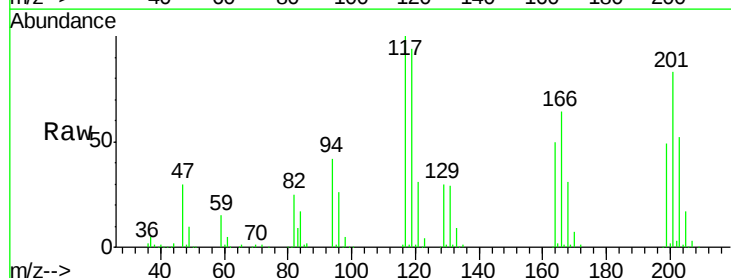
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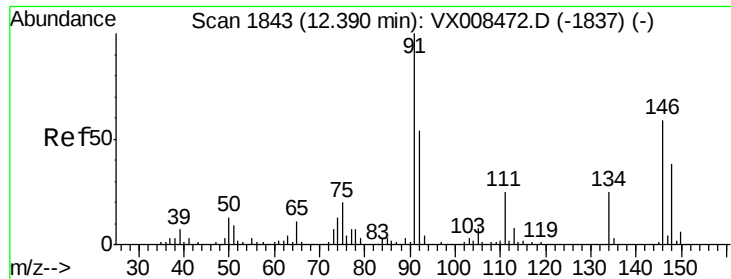
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#86
Hexachloroethane
Concen: 18.177 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008588.D
Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28870		
201	78.4	41.1	123.3	





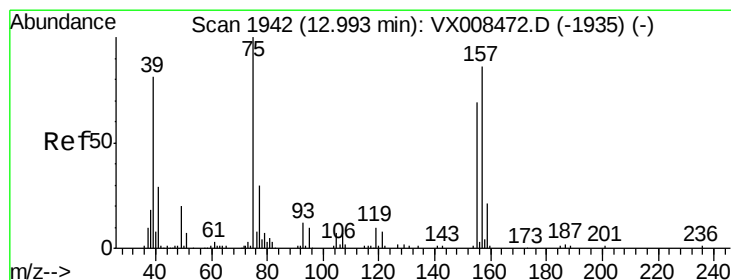
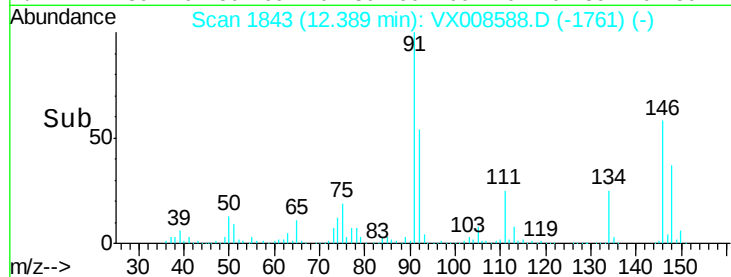
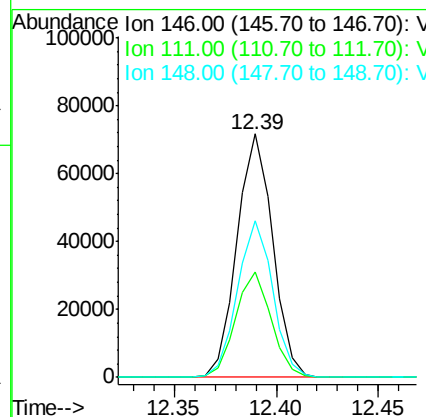
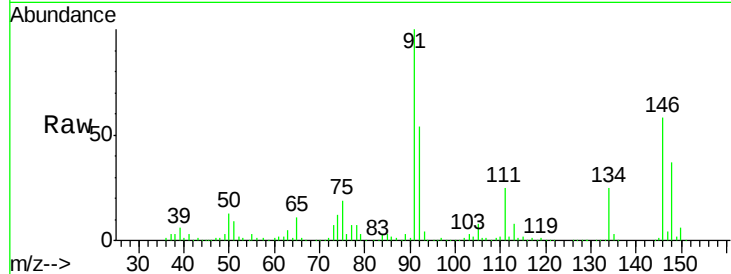
#87
 1,2-Dichlorobenzene
 Concen: 18.723 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.3	57.8
148	63.7	32.1	96.3

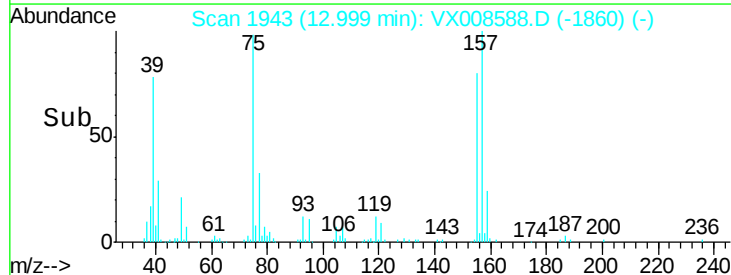
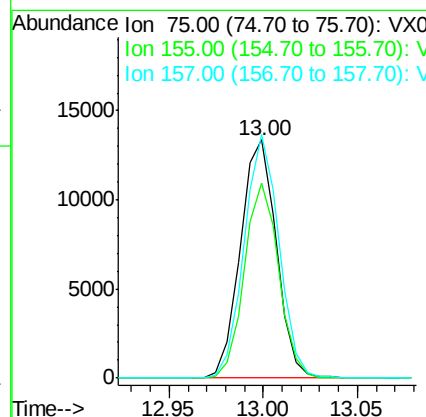
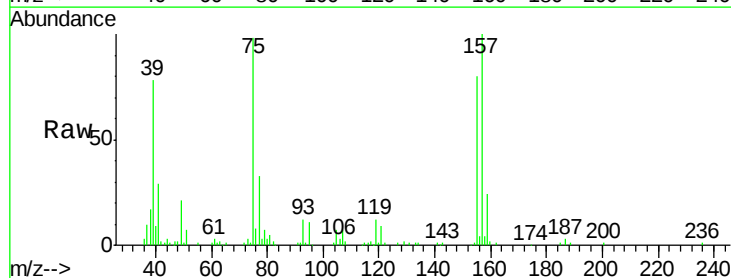
Manual Integrations
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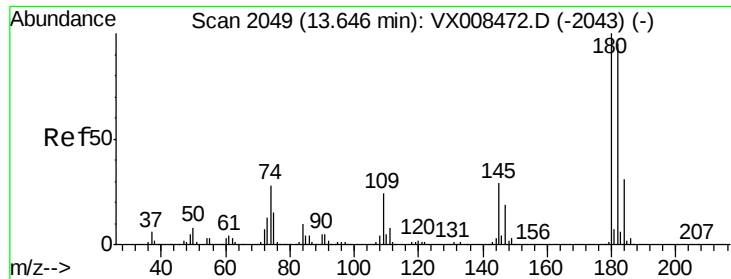
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.659 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	81.0	121.6#
157	98.3	103.2	154.8#





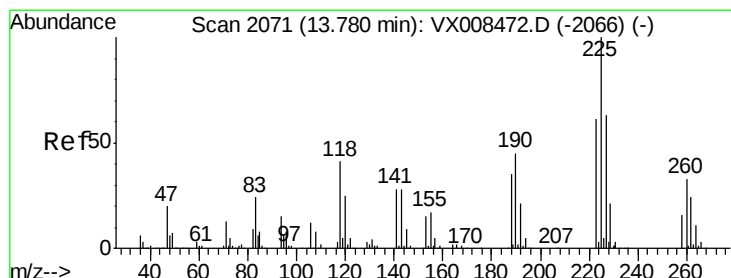
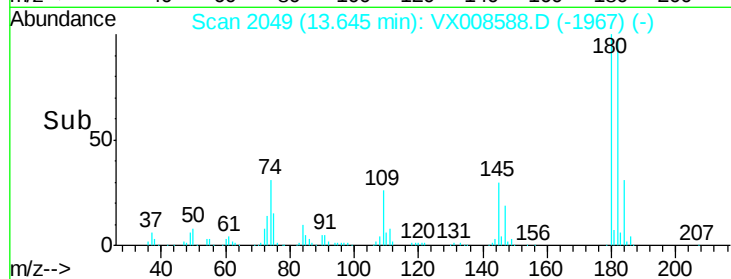
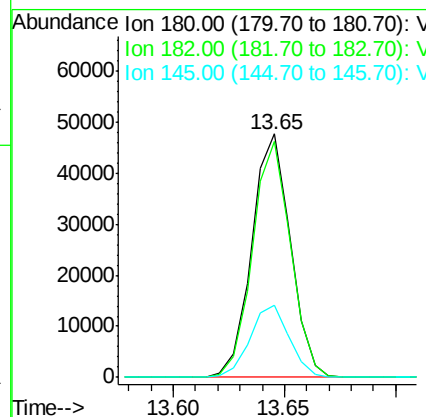
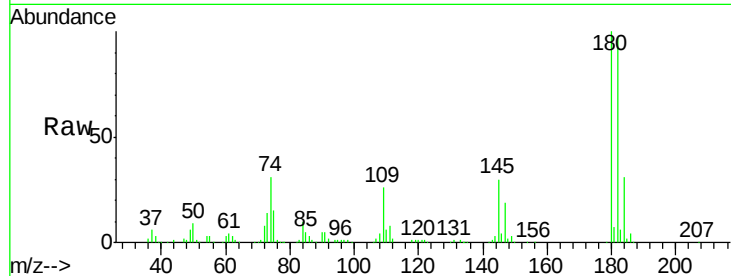
#89
 1,2,4-Trichlorobenzene
 Concen: 18.127 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.6	113.4
145	30.1	23.0	34.6

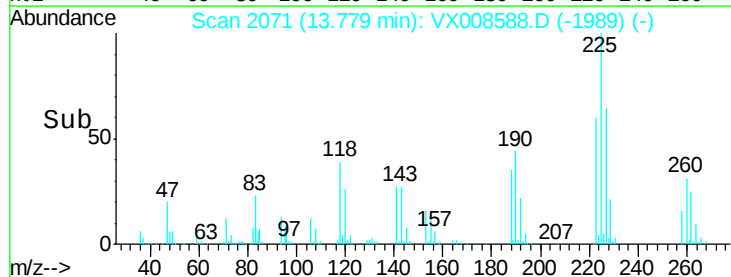
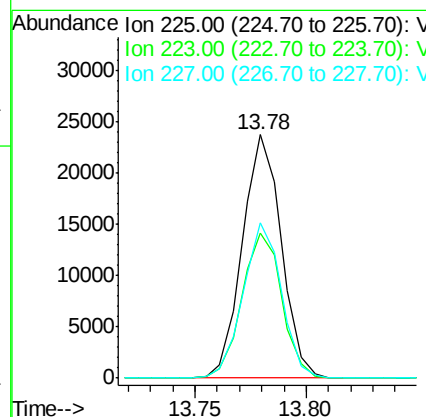
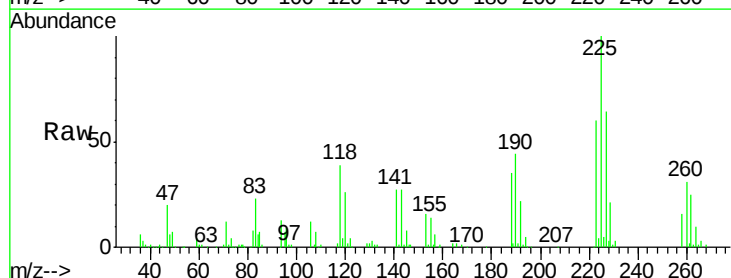
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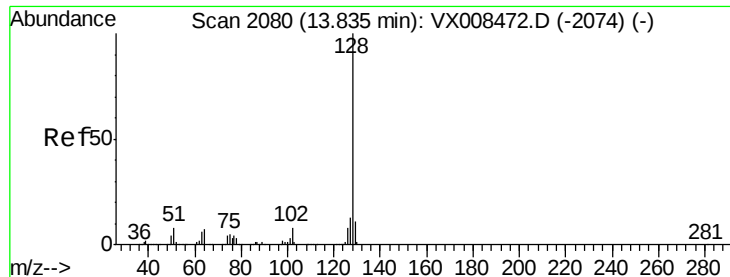
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#90
 Hexachlorobutadiene
 Concen: 18.773 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008588.D
 Acq: 02 Apr 2019 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	123.8
227	62.8	0.0	124.4





#91

Naphthalene

Concen: 18.968 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Instrument :

MSVOA_X

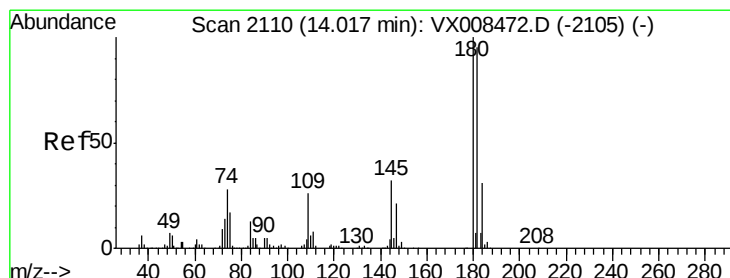
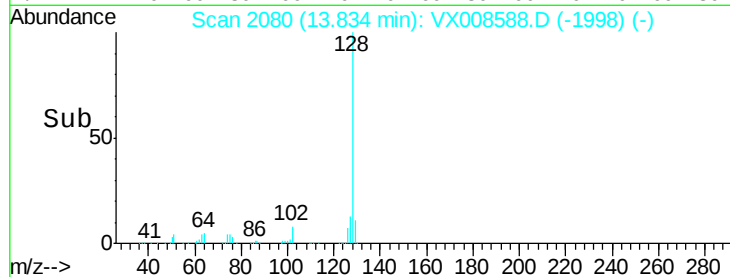
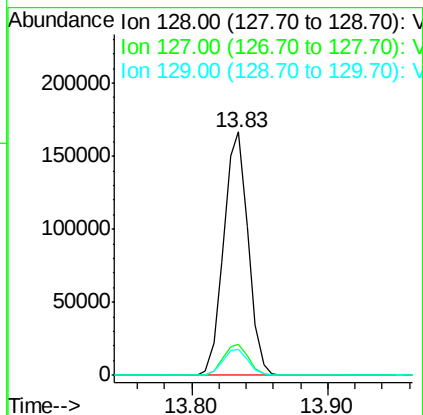
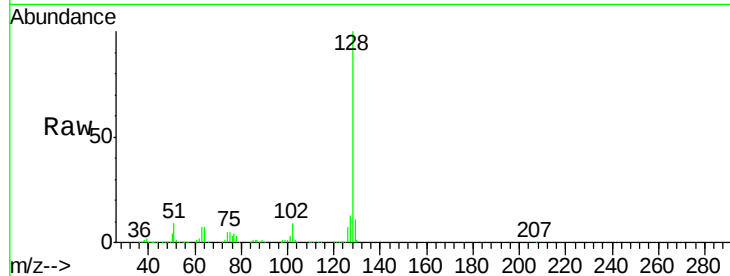
ClientSampleId :

VX0402WBS01

Tot Ion:	128	Resp:	207566
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 18.674 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008588.D

Acq: 02 Apr 2019 12:04

Tgt Ion:	180	Resp:	60081
Ion Ratio	Lower	Upper	
180	100		
182	95.5	0.0	193.0
145	32.8	0.0	63.0

