

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009265.D
 Acq On : 02 May 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:19:33 AM

Quant Time: May 03 07:15:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	32662	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	186639	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	164272	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	79395	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	11.13	95	83614	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	239393	30.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	34842	20.075 ug/l	99
3) Chloromethane	1.32	50	46449	19.911 ug/l	100
4) Vinyl Chloride	1.40	62	45202	19.423 ug/l	97
5) Bromomethane	1.64	94	25489	17.278 ug/l	95
6) Chloroethane	1.72	64	27894	18.276 ug/l	98
7) Trichlorofluoromethane	1.93	101	57202	19.905 ug/l	99
8) Diethyl Ether	2.18	74	26108	19.566 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36992	20.791 ug/l	98
10) 1,1-Dichloroethene	2.37	96	35553	19.901 ug/l	98
11) Methyl Iodide	2.51	142	33908	17.460 ug/l	96
12) Methyl Acetate	2.77	43	61864	18.385 ug/l	100
13) Acrolein	2.29	56	39173	84.878 ug/l	99
14) Acrylonitrile	3.14	53	137665	94.270 ug/l	100
15) Acetone	2.44	58	41159	98.166 ug/l	98
16) Carbon Disulfide	2.57	76	94267	19.502 ug/l	99
17) Allyl chloride	2.73	41	83318	19.426 ug/l	100
18) Methylene Chloride	2.85	84	42292	19.588 ug/l	95
19) trans-1,2-Dichloroethene	3.16	96	37216	19.538 ug/l	99
20) Diisopropyl ether	3.85	45	165526	19.598 ug/l	95
21) 1,1-Dichloroethane	3.69	63	79589	19.471 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	44599	19.438 ug/l	98
23) tert-Butyl Alcohol	3.04	59	56102	90.855 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	133667	19.119 ug/l	100
25) Chloroform	5.21	83	73142	19.609 ug/l	95
26) Cyclohexane	5.57	56	75966	19.941 ug/l	# 98
29) 1,1-Dichloropropene	5.79	75	56003	20.450 ug/l	100
30) 2-Butanone	4.67	43	211554	98.639 ug/l	100
31) 2,2-Dichloropropane	4.58	77	60848	20.154 ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	59333	19.985 ug/l	98
33) Carbon Tetrachloride	5.78	117	49558	19.951 ug/l	99
34) Benzene	6.13	78	171296	20.288 ug/l	99
35) Methacrylonitrile	5.04	41	44908	20.013 ug/l	97
36) 1,2-Dichloroethane	6.19	62	62397	20.367 ug/l	98
37) Trichloroethene	7.21	130	41067	20.206 ug/l	95
38) Methylcyclohexane	7.46	83	70786	20.921 ug/l	99
39) 1,2-Dichloropropane	7.51	63	48373	20.119 ug/l	100
40) Dibromomethane	7.66	93	27846	20.406 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	55519	19.918	ug/l	100
42) Vinyl Acetate	3.81	43	710633	100.392	ug/l	99
43) Ethyl Acetate	4.82	43	75897	19.584	ug/l	99
44) Isopropyl Acetate	6.44	43	120259	19.155	ug/l	100
45) 1,4-Dioxane	7.74	88	23729	384.963	ug/l	98
46) Methyl methacrylate	7.76	41	59821	19.090	ug/l	98
47) n-amyl Acetate	10.90	43	106988	18.917	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	63017	19.376	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	70334	19.699	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	41310	19.759	ug/l	97
51) Ethyl methacrylate	9.18	69	74243	19.216	ug/l	96
52) 1,3-Dichloropropane	9.37	76	74079	19.965	ug/l	100
53) Dibromochloromethane	9.58	129	41690	20.022	ug/l	99
54) 1,2-Dibromoethane	9.67	107	42280	19.718	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	206059	100.088	ug/l	100
56) Bromoform	10.85	173	29870	18.688	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	393728	97.475	ug/l	100
59) 2-Hexanone	9.49	43	314253	99.191	ug/l	100
61) Tetrachloroethene	9.34	164	39017	21.545	ug/l	98
62) Toluene	8.78	91	178911	20.382	ug/l	99
64) Chlorobenzene	10.13	112	107533	20.355	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	38664	19.988	ug/l	99
66) Ethyl Benzene	10.25	91	200046	20.457	ug/l	98
67) m/p-Xylenes	10.35	106	147434	41.294	ug/l	99
68) o-Xylene	10.69	106	71407	20.340	ug/l	99
69) Styrene	10.71	104	125325	20.336	ug/l	99
70) Isopropylbenzene	11.02	105	194882	20.641	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	67982	19.661	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	61331m	20.583	ug/l	
73) Bromobenzene	11.25	156	47392	20.316	ug/l	99
74) n-propylbenzene	11.36	91	225551	20.615	ug/l	100
75) 2-Chlorotoluene	11.42	91	134961	20.566	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	166014	20.758	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	22407	18.643	ug/l	99
78) 4-Chlorotoluene	11.51	91	152229	20.424	ug/l	100
79) tert-butylbenzene	11.77	119	157049	20.313	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	164768	20.555	ug/l	100
81) sec-Butylbenzene	11.94	105	190191	20.705	ug/l	100
82) p-Isopropyltoluene	12.06	119	172390	20.631	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	84206	20.213	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	83415	20.098	ug/l	99
85) n-Butylbenzene	12.38	91	158112	20.680	ug/l	99
86) Hexachloroethane	12.59	117	27263	19.175	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	85154	20.306	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15316	19.062	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	61014	20.413	ug/l	99
90) Hexachlorobutadiene	13.78	225	30649	20.528	ug/l	99
91) Naphthalene	13.83	128	197347	20.166	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	62891	20.699	ug/l	99

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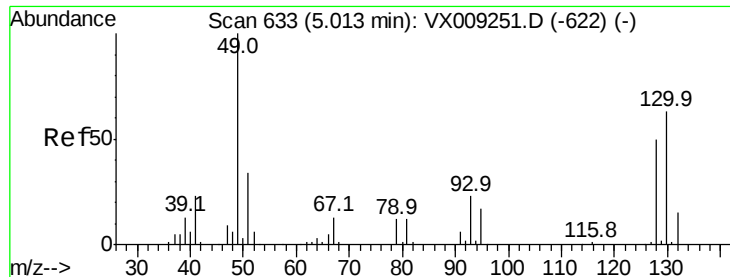
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

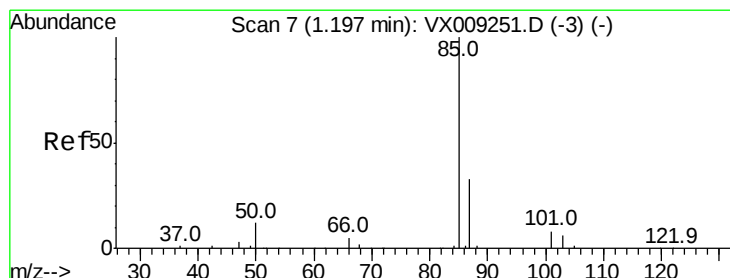
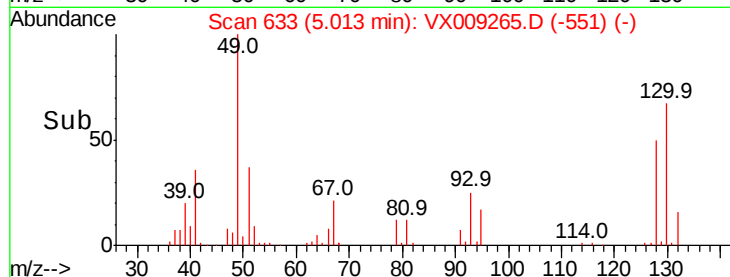
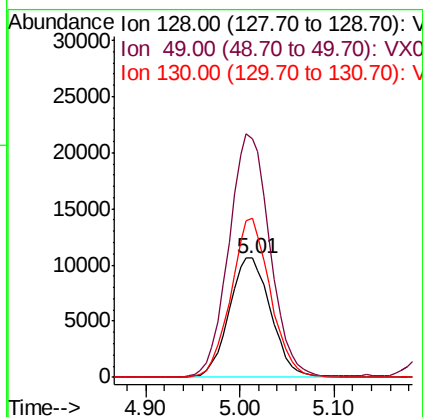
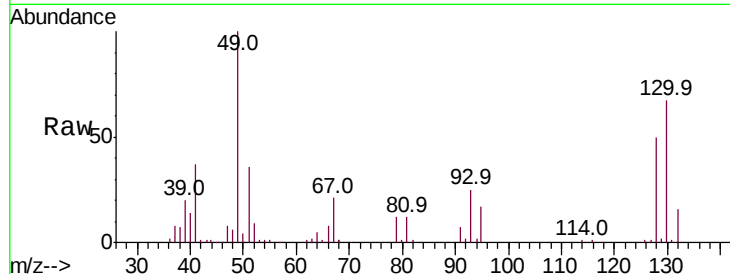
ClientSampled :

VSTDCCC020

Tot Ion:	128	Resp:	32662
Ion	Ratio	Lower	Upper
128	100		
49	201.8	0.0	515.0
130	126.2	0.0	323.3

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#2

Dichlorodifluoromethane

Concen: 20.075 ug/l

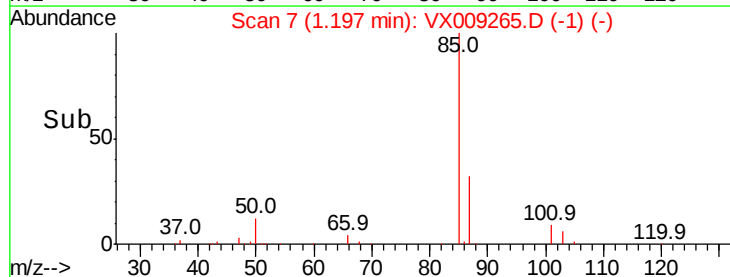
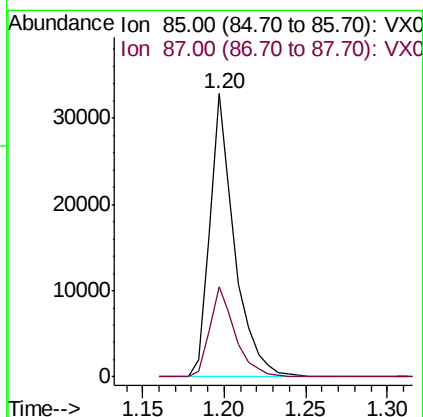
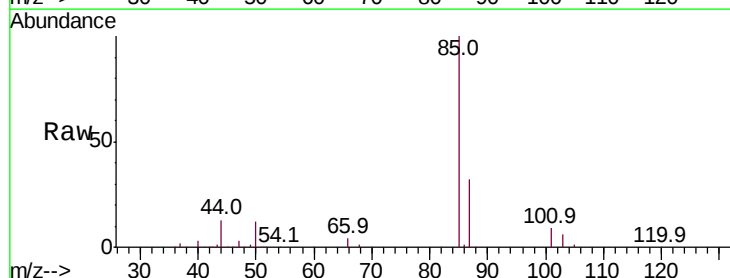
RT: 1.20 min Scan# 7

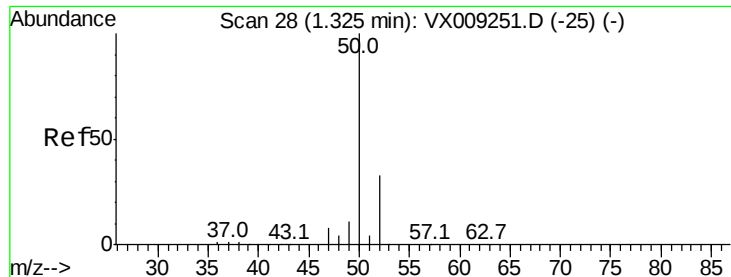
Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	85	Resp:	34842
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.3	48.9





#3

Chloromethane

Concen: 19.911 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 46449

Ion Ratio Lower Upper

50 100

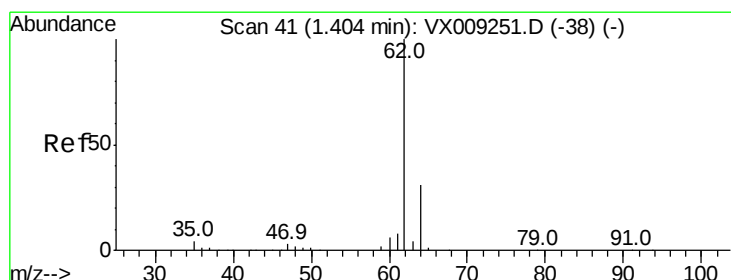
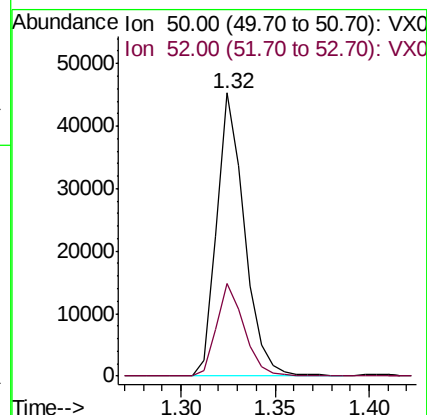
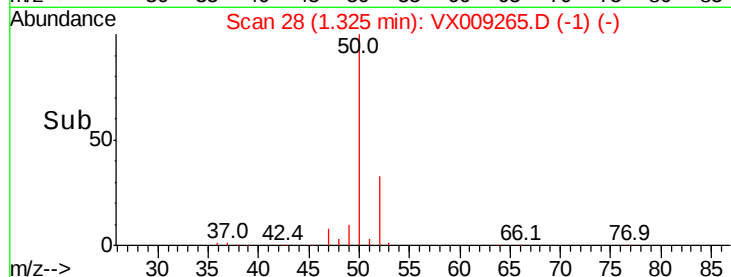
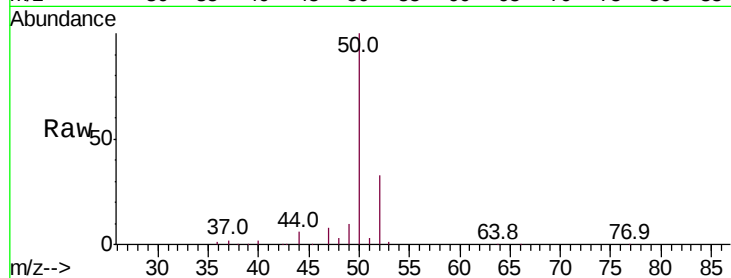
52 33.0 26.3 39.5

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#4

Vinyl Chloride

Concen: 19.423 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX009265.D

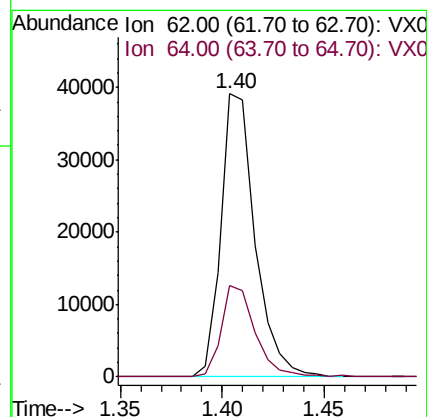
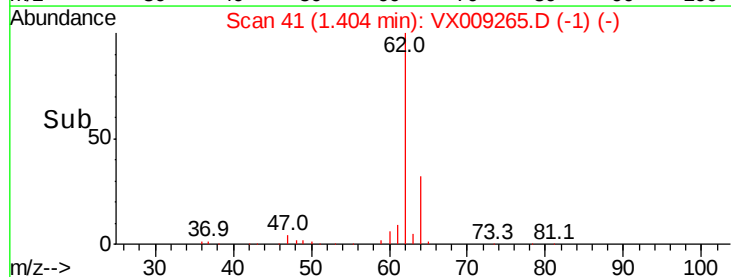
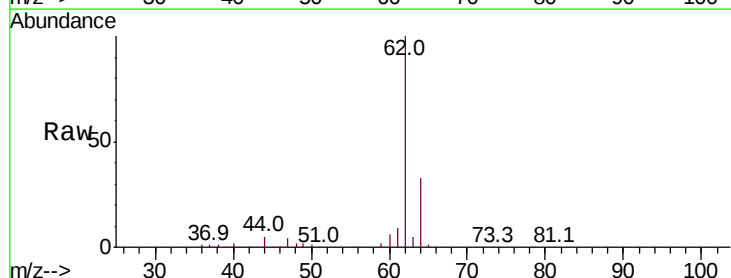
Acq: 02 May 2019 09:50

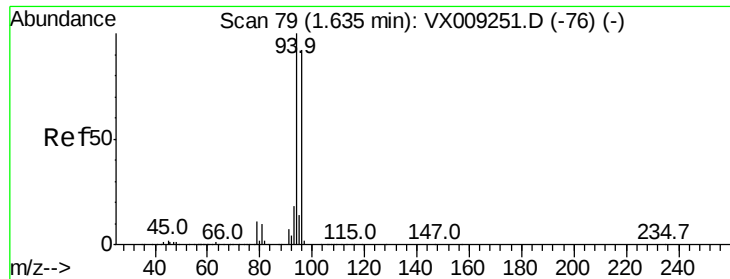
Tgt Ion: 62 Resp: 45202

Ion Ratio Lower Upper

62 100

64 32.4 24.6 36.8





#5

Bromomethane

Concen: 17.278 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 25489

Ion Ratio Lower Upper

94 100

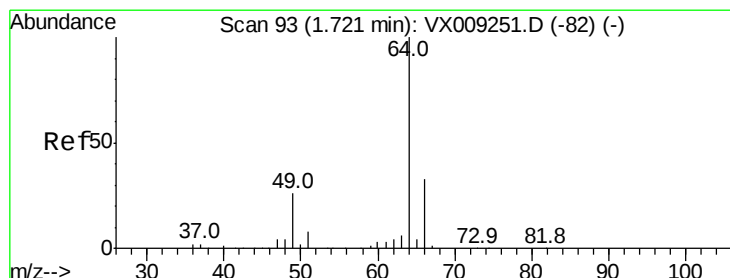
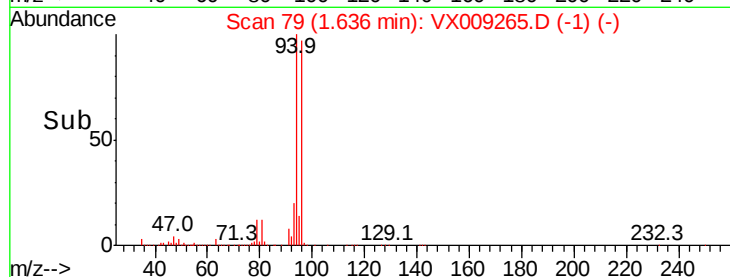
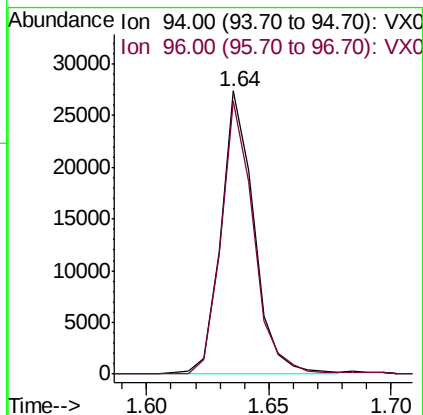
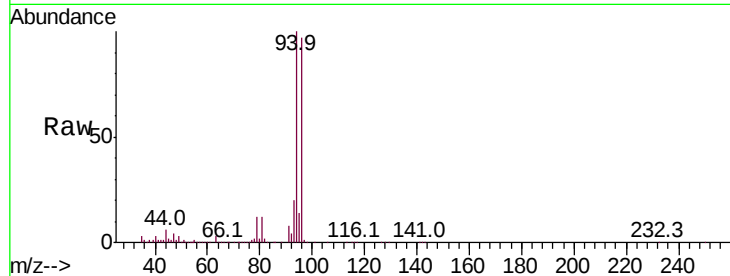
96 96.8 73.5 110.3

Manual Integrations

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#6

Chloroethane

Concen: 18.276 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009265.D

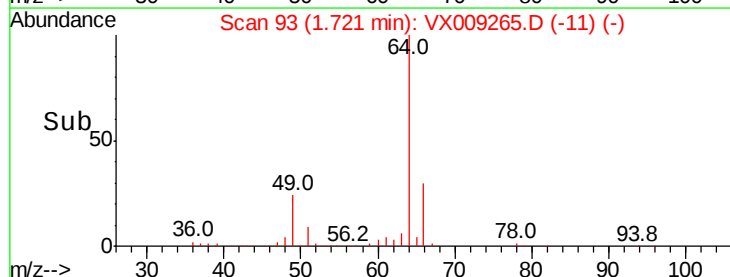
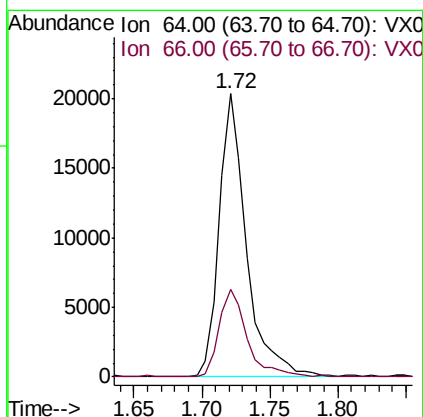
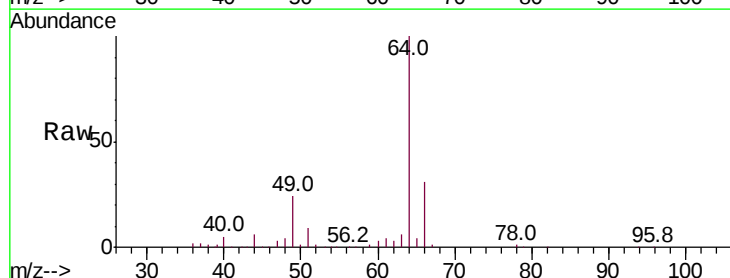
Acq: 02 May 2019 09:50

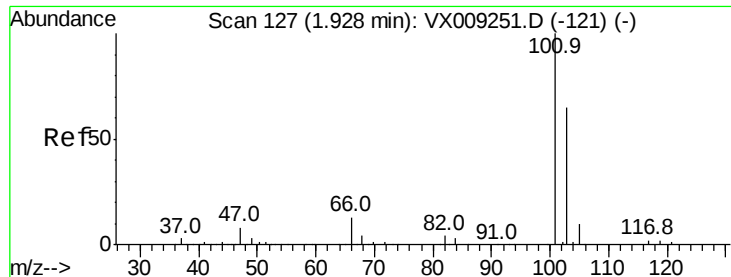
Tgt Ion: 64 Resp: 27894

Ion Ratio Lower Upper

64 100

66 31.1 25.9 38.9





#7

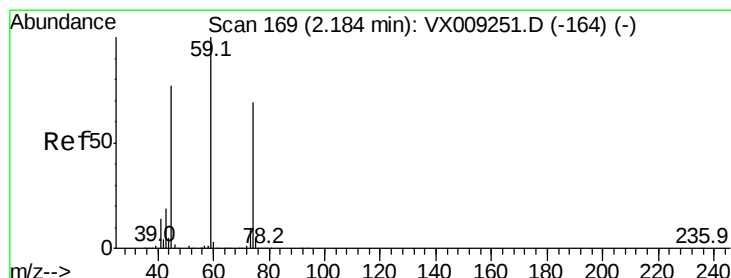
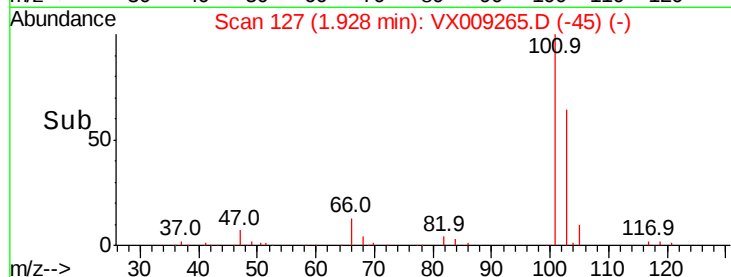
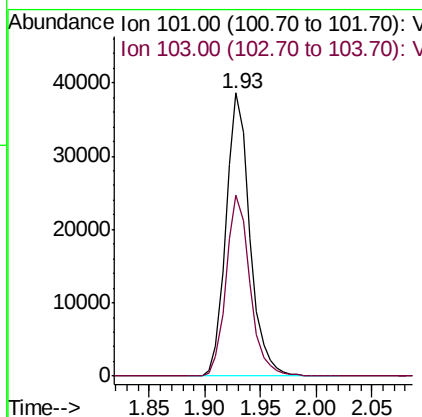
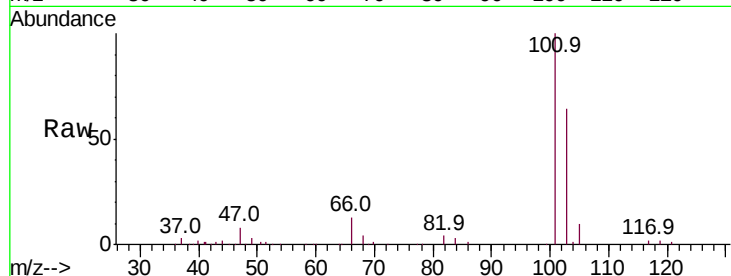
Trichlorofluoromethane
Concen: 19.905 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion:101 Resp: 57202
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

Manual Integrations
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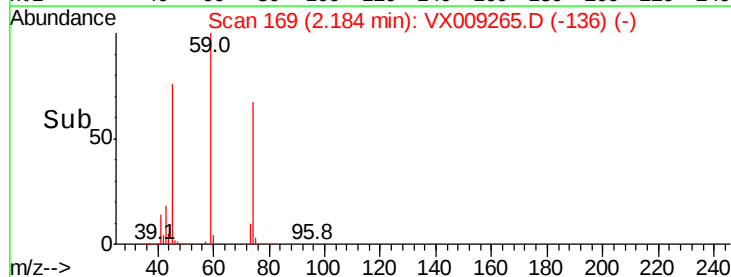
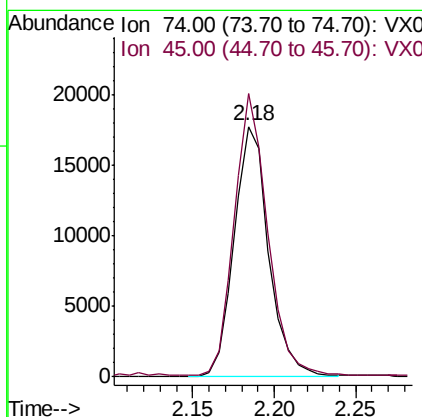
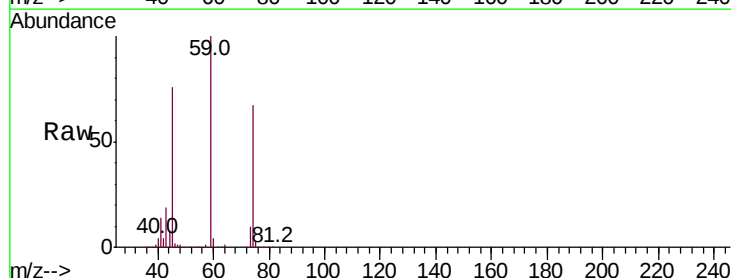
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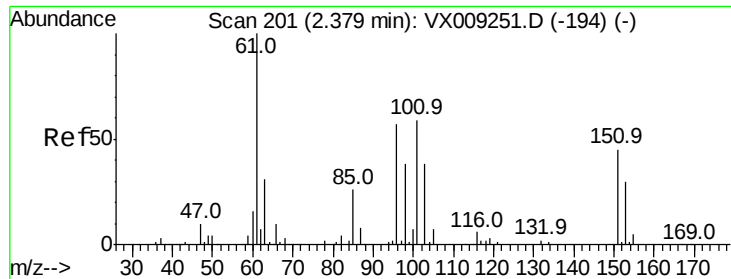


#8

Diethyl Ether
Concen: 19.566 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 74 Resp: 26108
Ion Ratio Lower Upper
74 100
45 110.1 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.791 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

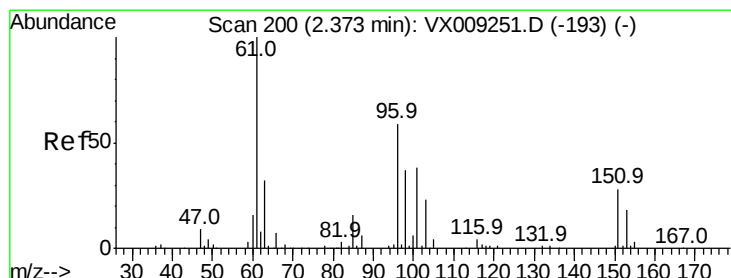
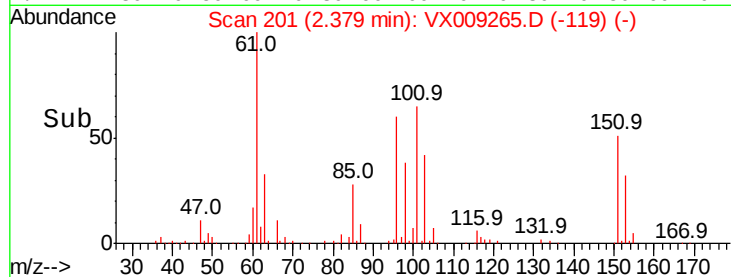
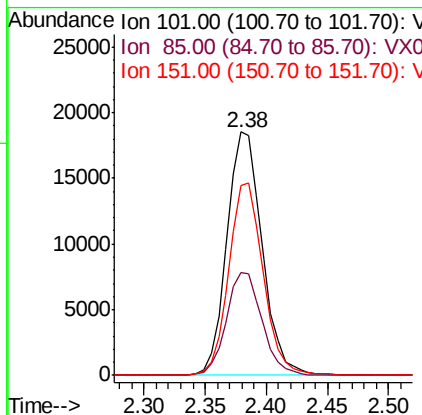
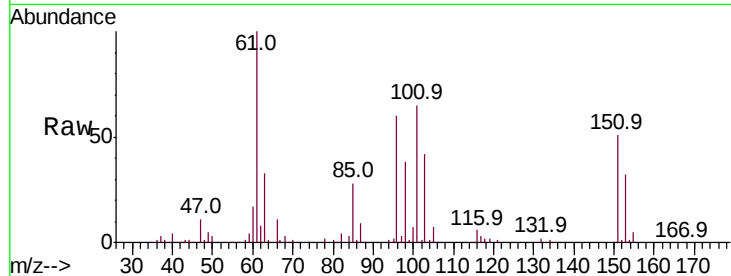
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	36992
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	87.4
151	77.3	0.0	157.0

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5/3/2019 11:19:33 AM



#10

1,1-Dichloroethene

Concen: 19.901 ug/l

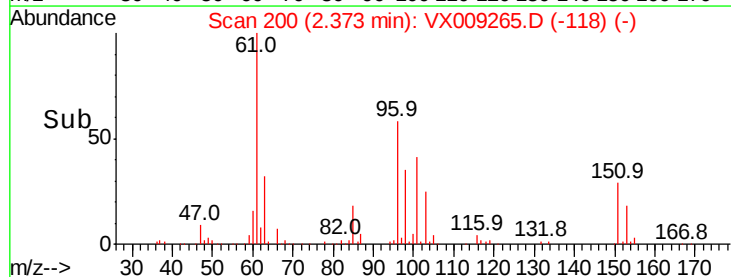
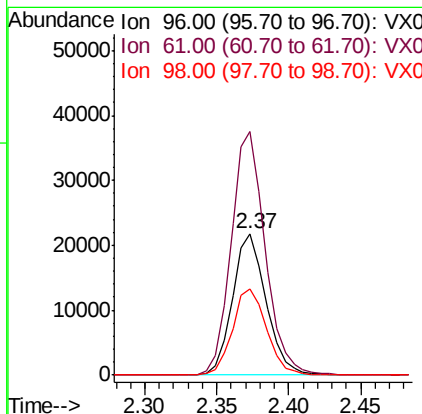
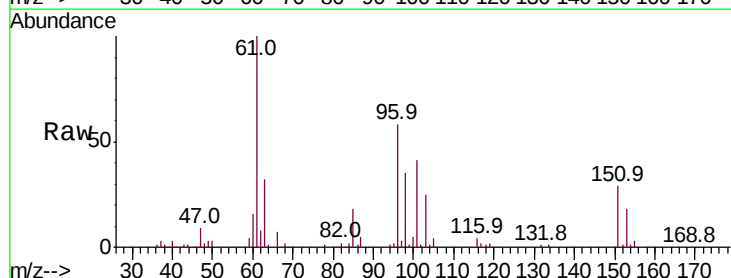
RT: 2.37 min Scan# 200

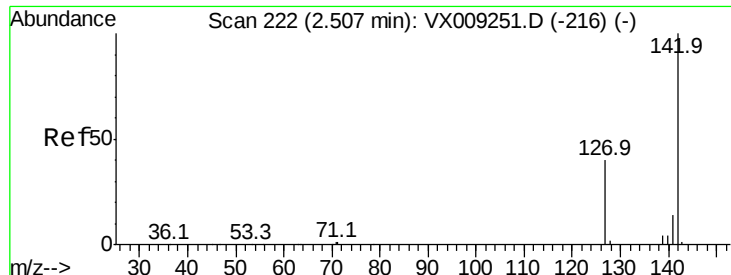
Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	96	Resp:	35553
Ion Ratio	Lower	Upper	
96	100		
61	172.1	136.5	204.7
98	61.0	51.0	76.4





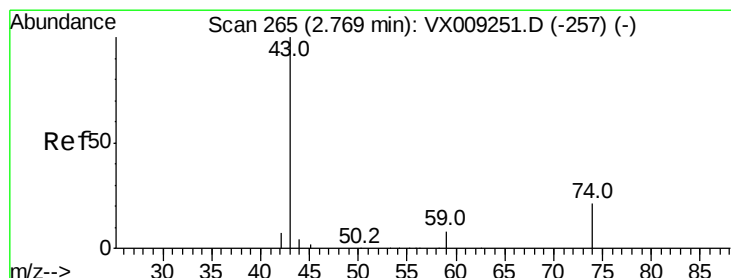
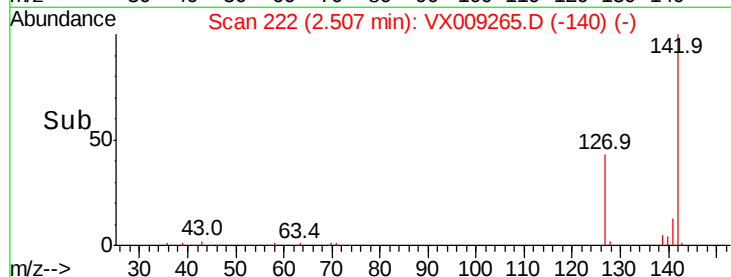
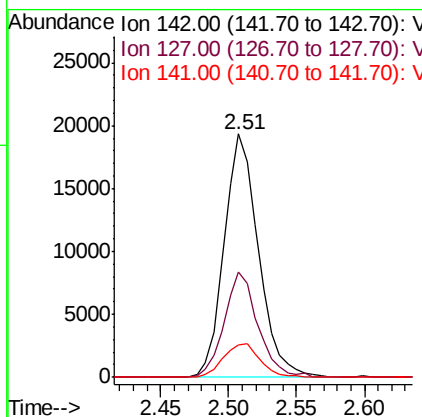
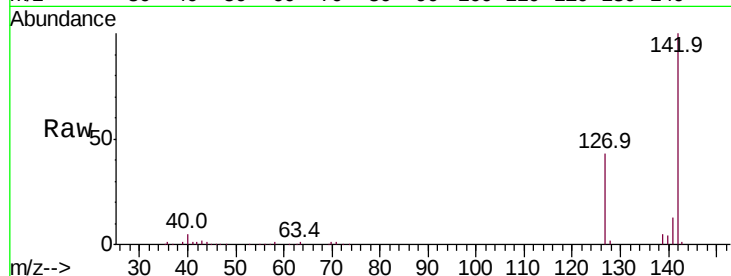
#11
Methvl Iodide
Concen: 17.460 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.4	20.2	60.5
141	13.4	6.9	20.7

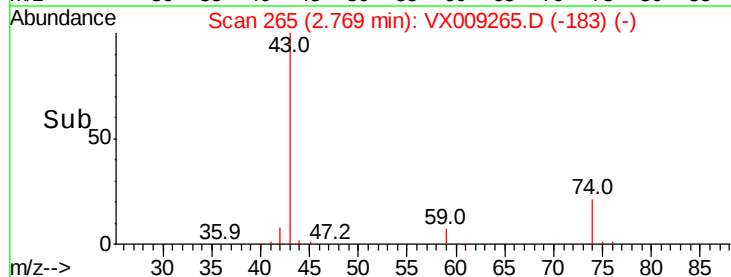
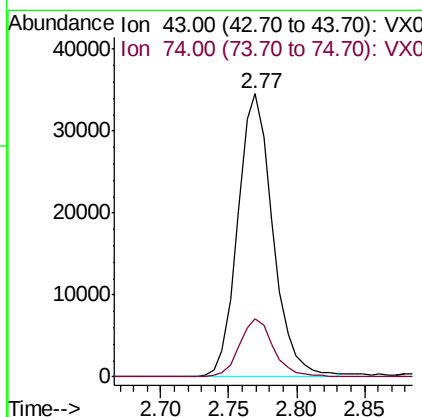
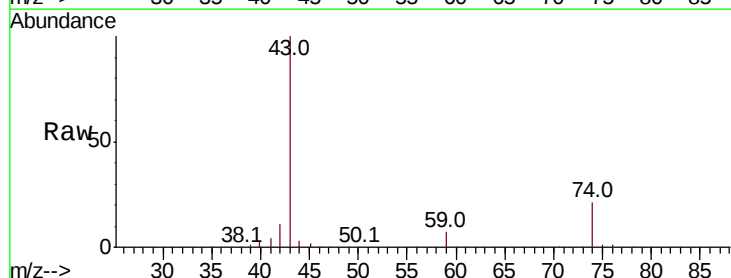
Manual Integrations
APPROVED

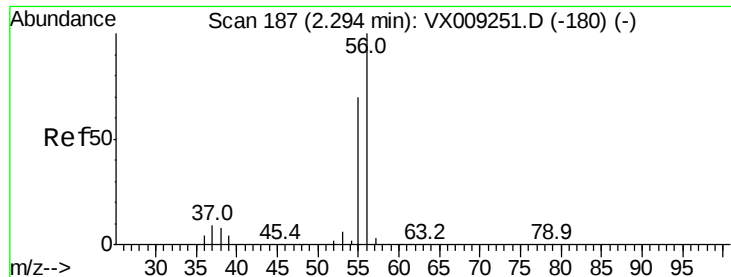
MMDadoda
5/3/2019 11:19:33 AM



#12
Methyl Acetate
Concen: 18.385 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.5	24.7





#13

Acrolein

Concen: 84.878 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 39173

Ion Ratio Lower Upper

56 100

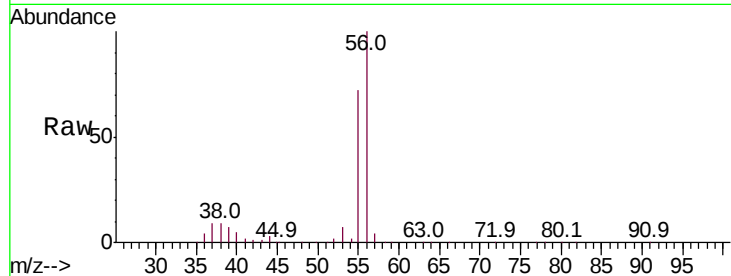
55 72.0 56.9 85.3

Manual Integrations

APPROVED

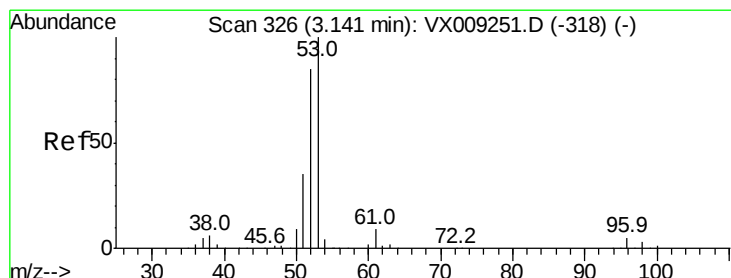
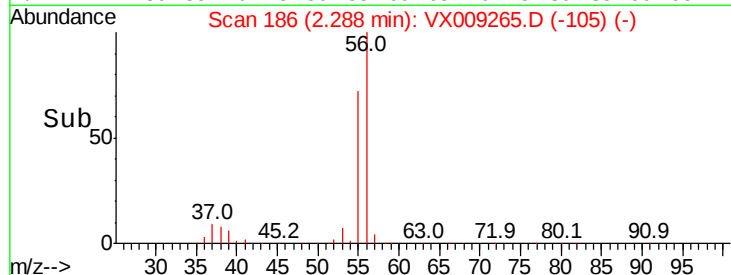
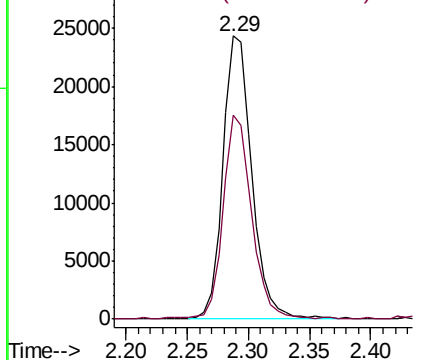
MMDadoda

5/3/2019 11:19:33 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 94.270 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

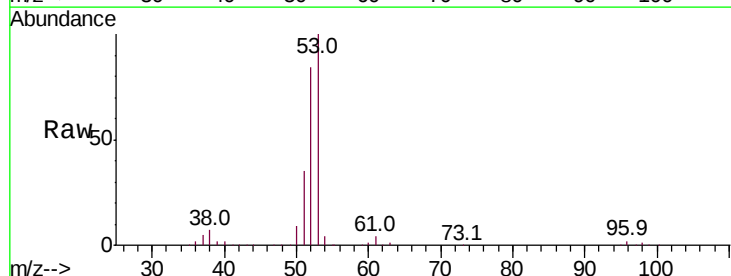
Tgt Ion: 53 Resp: 137665

Ion Ratio Lower Upper

53 100

52 83.5 41.5 124.5

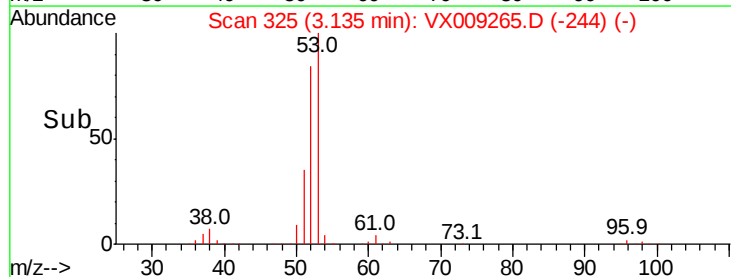
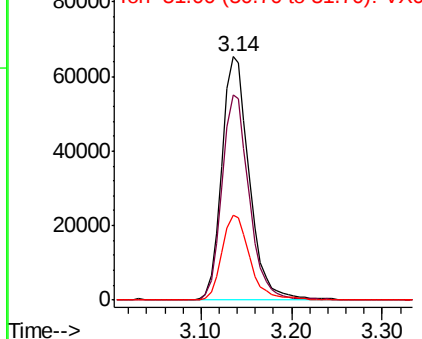
51 35.5 17.8 53.3

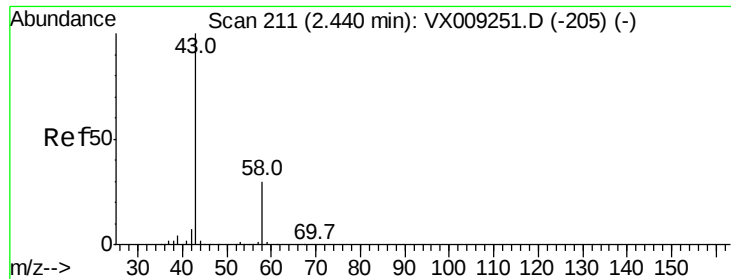


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





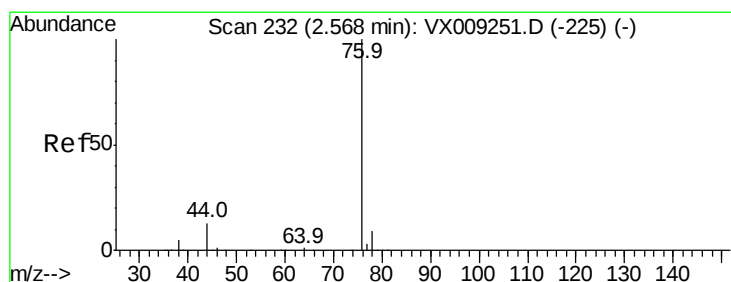
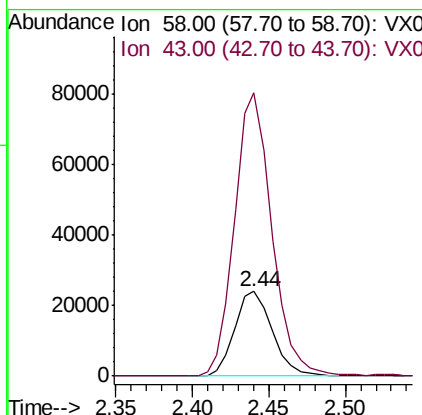
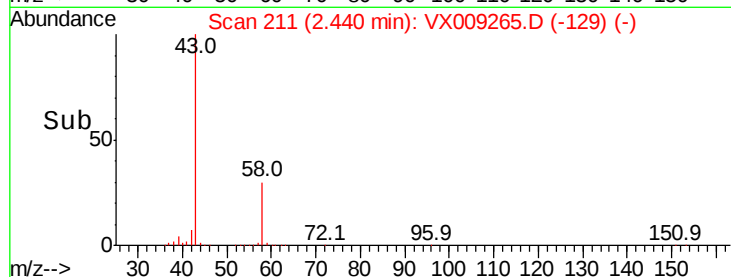
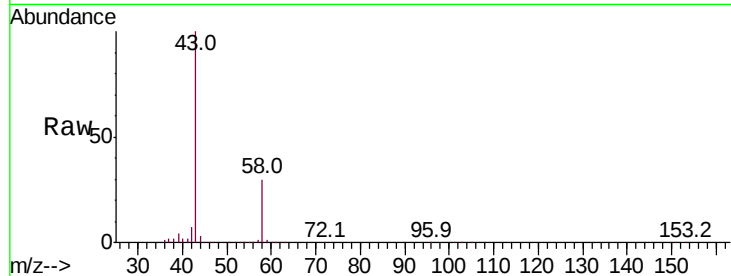
#15
Acetone
Concen: 98.166 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 58 Resp: 41159
Ion Ratio Lower Upper
58 100
43 334.3 264.0 396.0

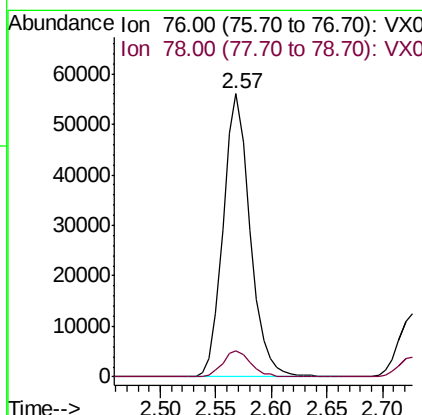
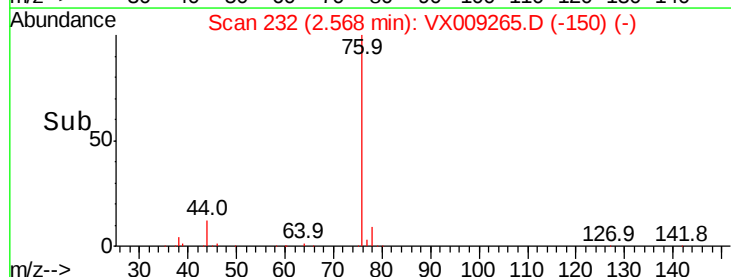
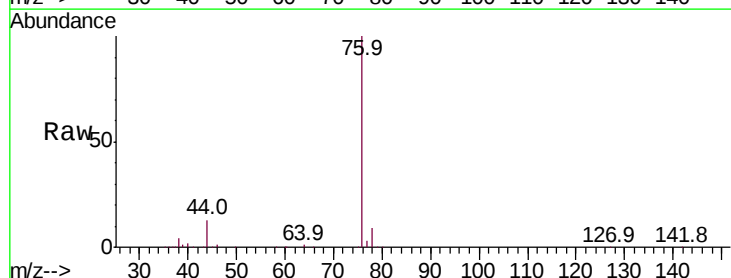
Manual Integrations
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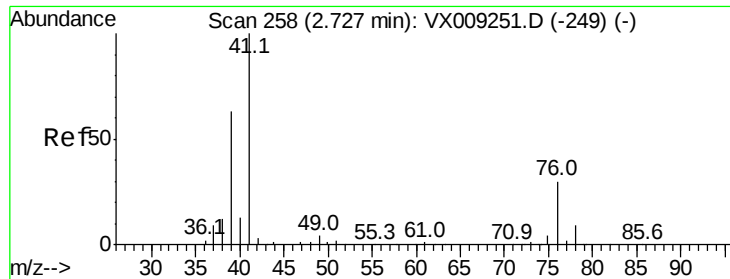
MMDadoda
5/3/2019 11:19:33 AM



#16
Carbon Disulfide
Concen: 19.502 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 76 Resp: 94267
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





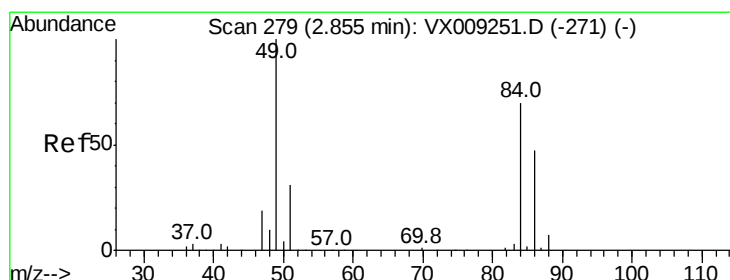
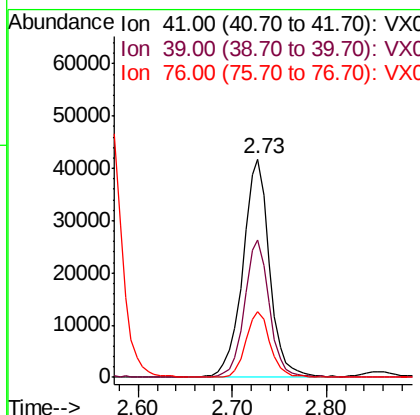
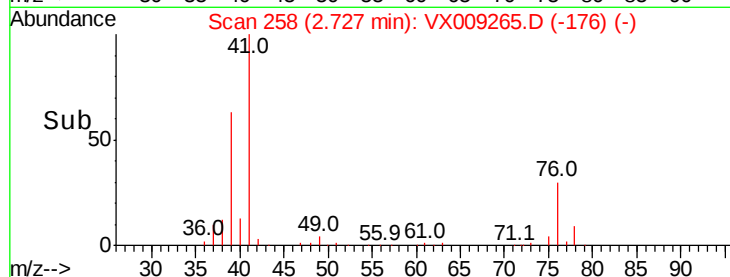
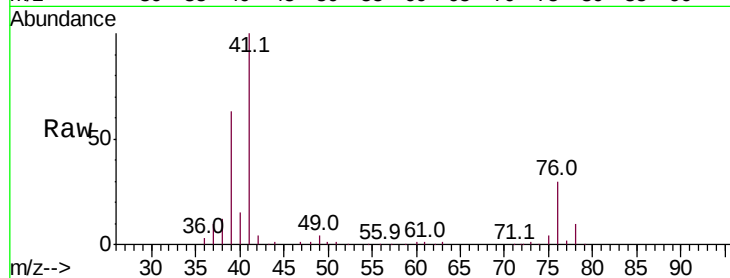
#17
Allvl chloride
Concen: 19.426 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.9	31.6	94.7
76	30.0	15.1	45.3

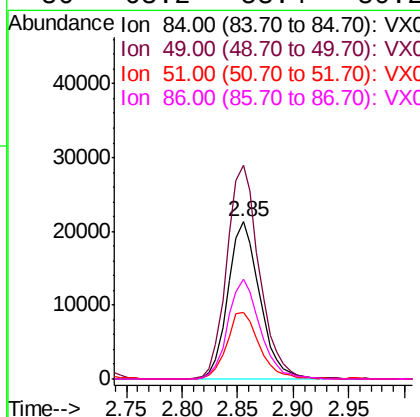
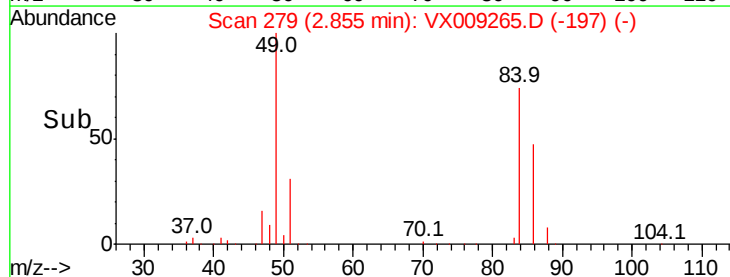
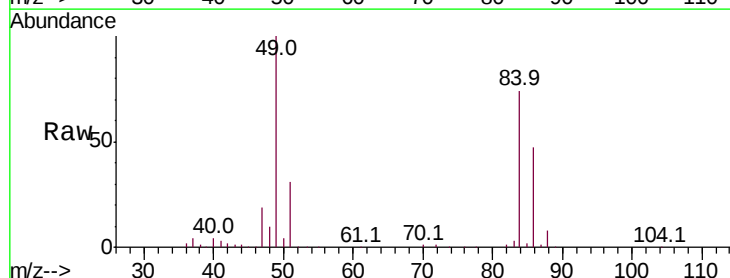
Manual Integrations
APPROVED

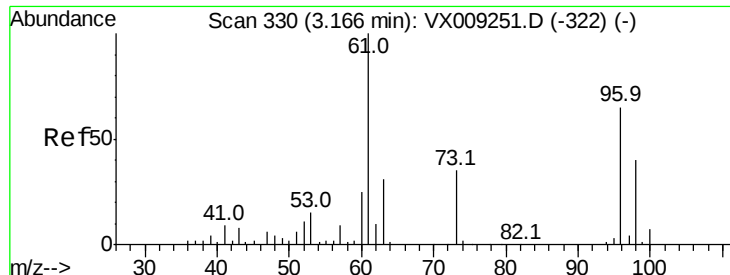
MMDadoda
5/3/2019 11:19:33 AM



#18
Methylene Chloride
Concen: 19.588 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.7	114.6	171.8
51	42.2	35.5	53.3
86	63.2	53.4	80.2





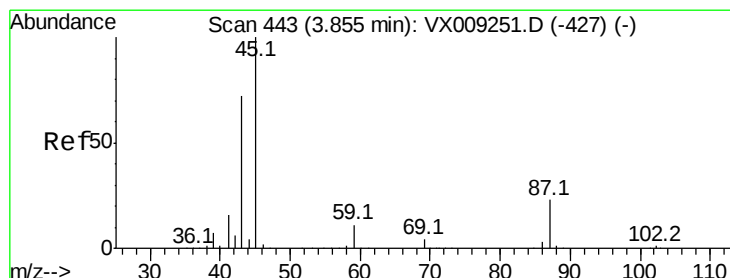
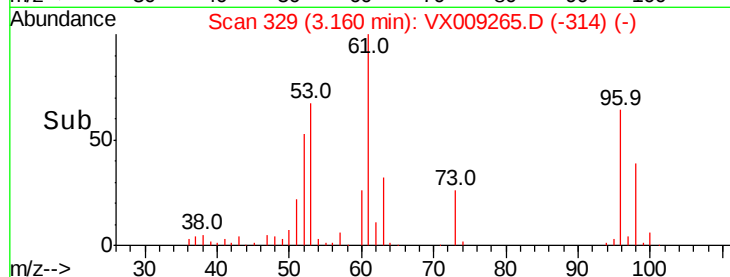
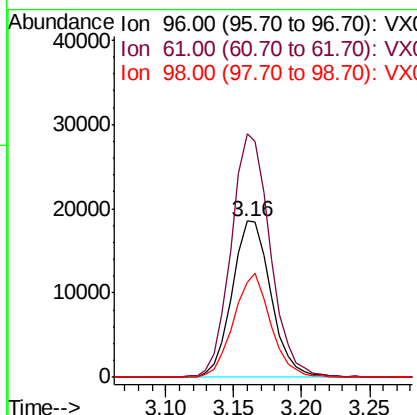
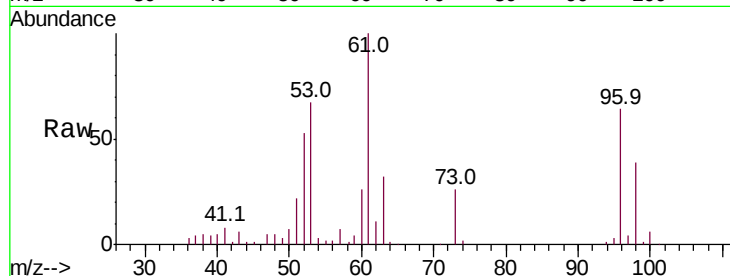
#19
trans-1,2-Dichloroethene
Concen: 19.538 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.2	122.7	184.1
98	61.2	49.5	74.3

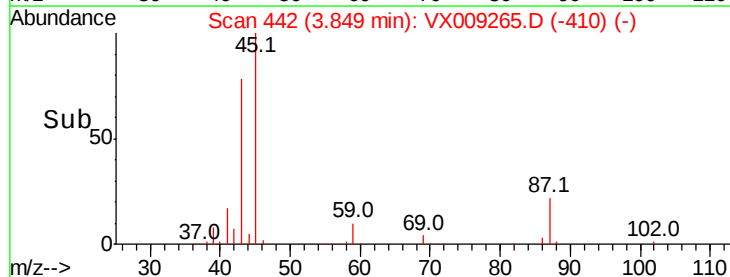
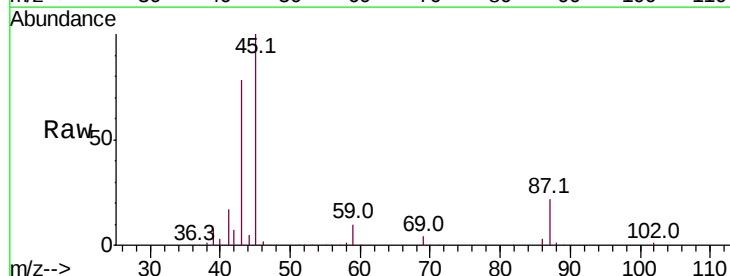
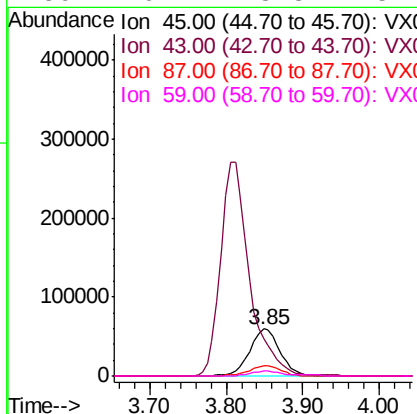
Manual Integrations
APPROVED

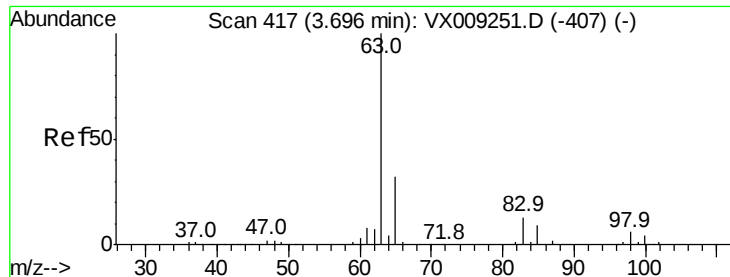
MMDadoda
5/3/2019 11:19:33 AM



#20
Diisopropyl ether
Concen: 19.598 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.7	57.7	86.5
87	21.9	18.5	27.7
59	10.4	8.8	13.2





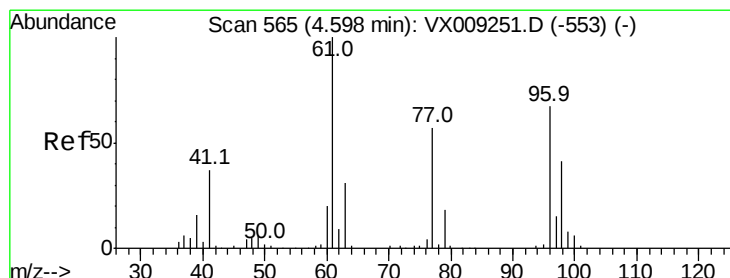
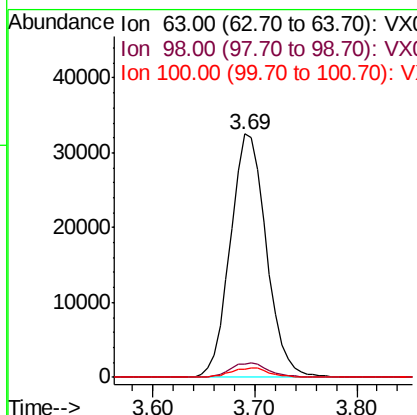
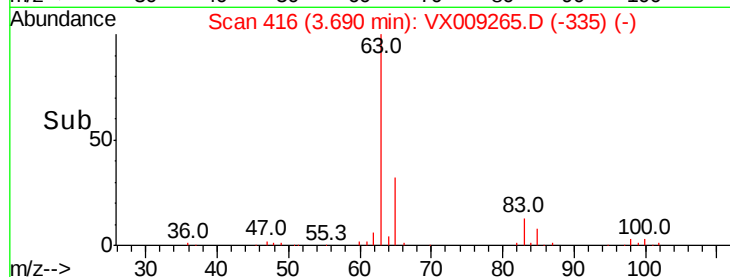
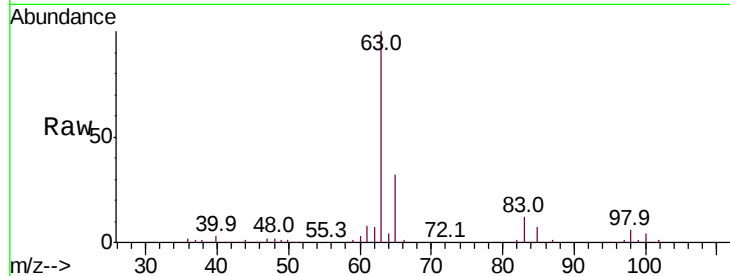
#21
 1,1-Dichloroethane
 Concen: 19.471 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	63	Resp:	79589
Ion Ratio	Lower	Upper	
63	100		
98	5.5	3.1	9.3
100	3.6	2.2	6.6

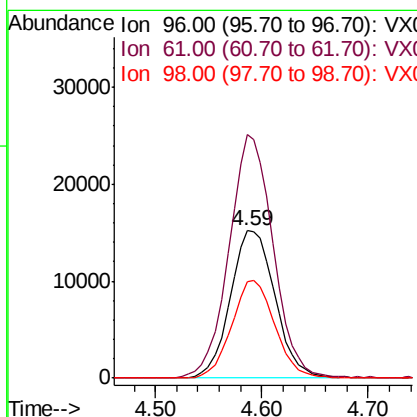
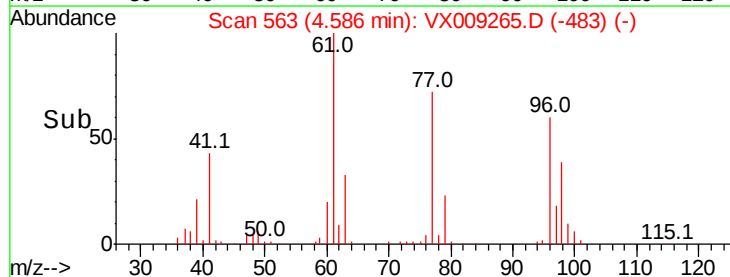
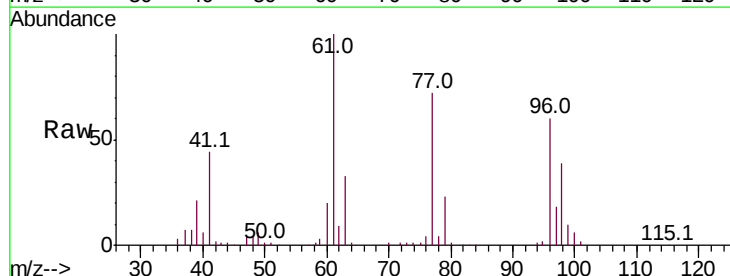
Manual Integrations
 APPROVED

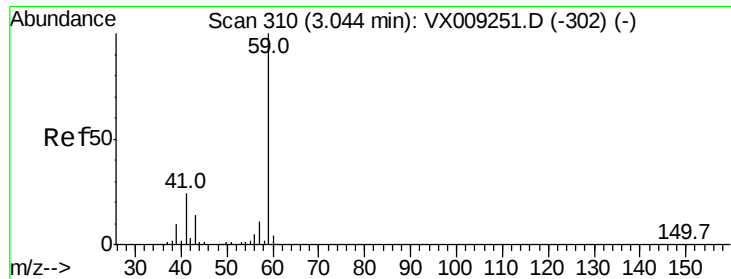
MMDadoda
 5/3/2019 11:19:33 AM



#22
 cis-1,2-Dichloroethene
 Concen: 19.438 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion:	96	Resp:	44599
Ion Ratio	Lower	Upper	
96	100		
61	163.0	127.7	191.5
98	64.1	50.5	75.7





#23

tert-Butyl Alcohol

Concen: 90.855 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 59 Resp: 56102

Ion Ratio Lower Upper

59 100

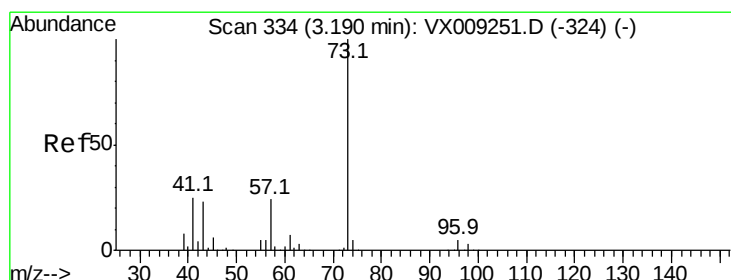
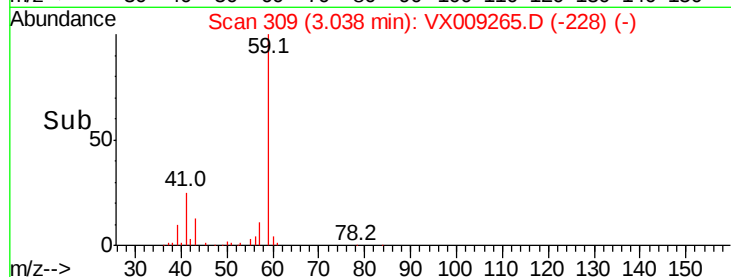
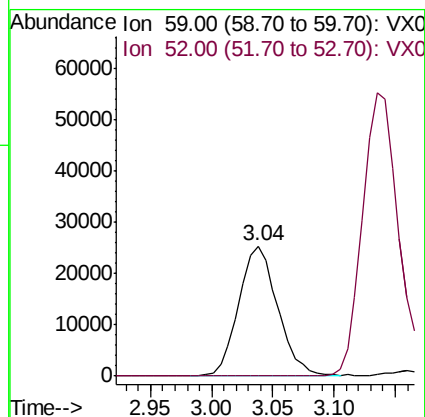
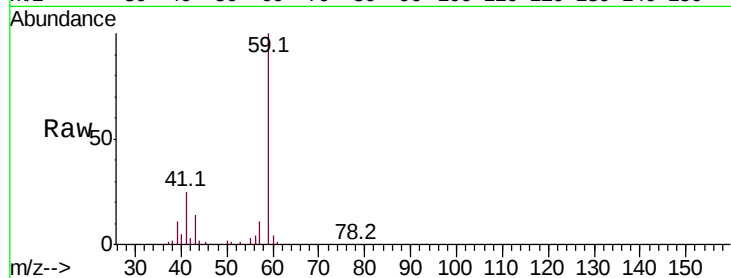
52 0.2 0.2 0.2

Manual Integrations

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5/3/2019 11:19:33 AM



#24

Methyl tert-Butyl Ether

Concen: 19.119 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.00 min

Lab File: VX009265.D

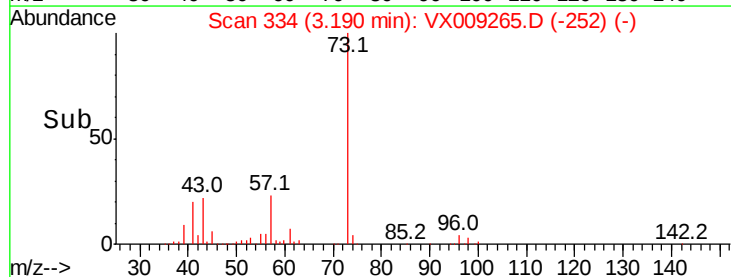
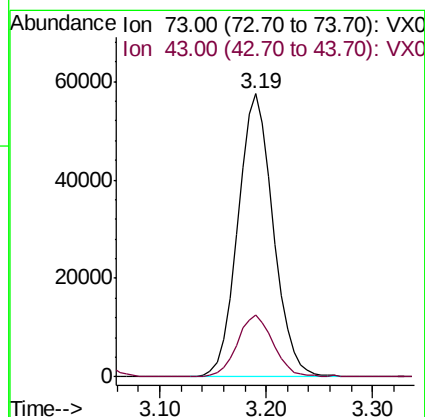
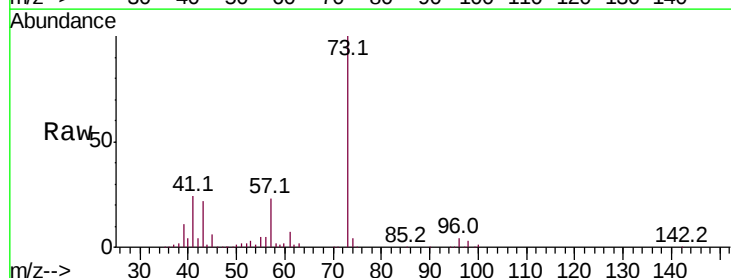
Acq: 02 May 2019 09:50

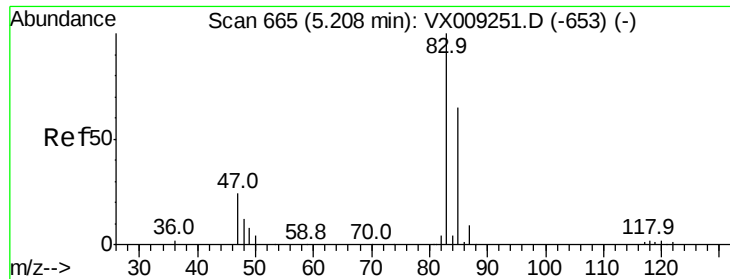
Tgt Ion: 73 Resp: 133667

Ion Ratio Lower Upper

73 100

43 21.9 17.6 26.4





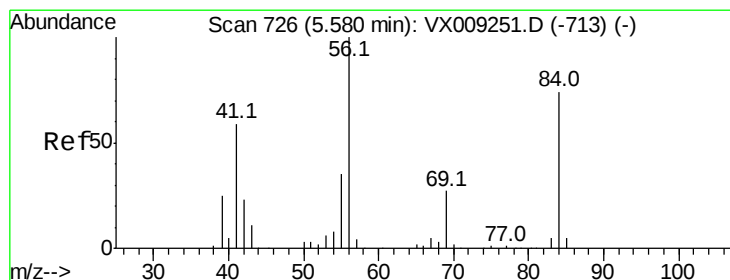
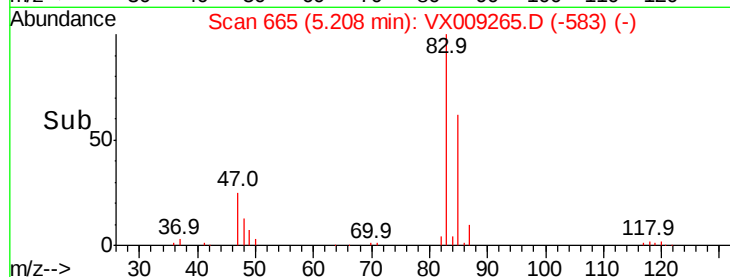
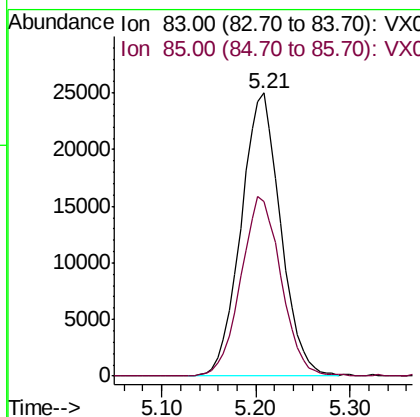
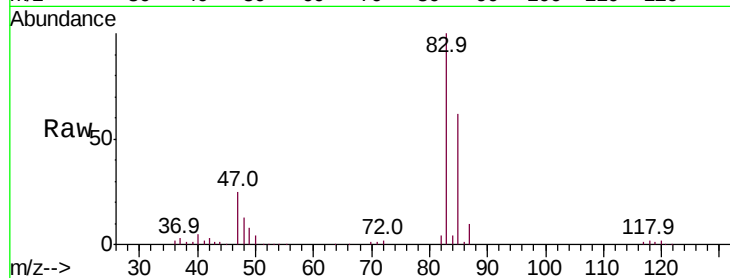
#25
Chloroform
Concen: 19.609 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 83 Resp: 73142
Ion Ratio Lower Upper
83 100
85 61.4 51.9 77.9

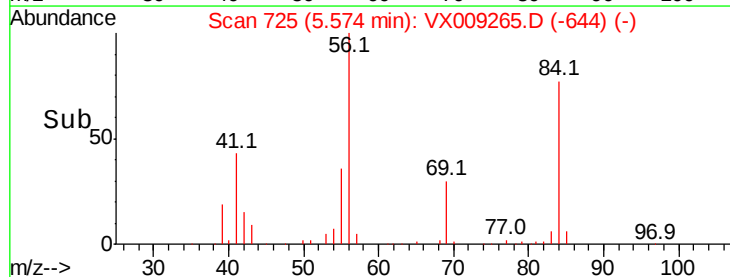
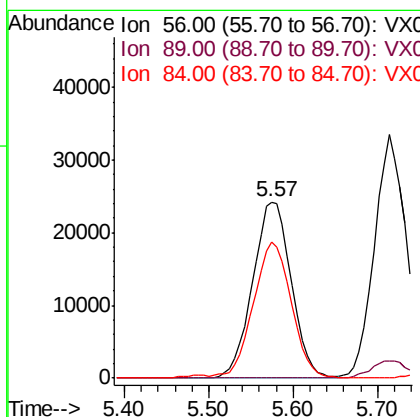
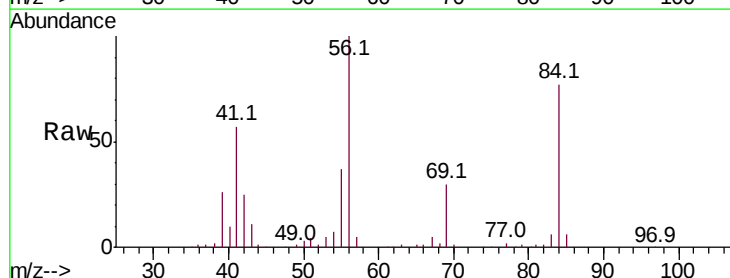
Manual Integrations
APPROVED

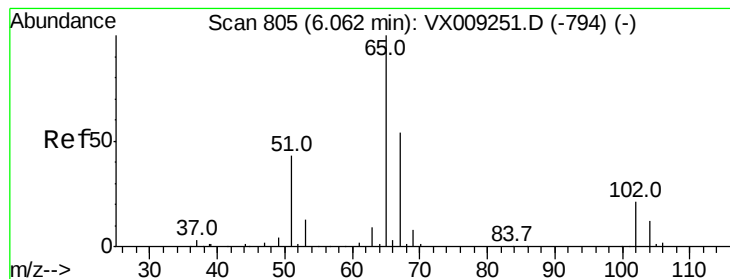
MMDadoda
5/3/2019 11:19:33 AM



#26
Cyclohexane
Concen: 19.941 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 56 Resp: 75966
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.3 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 29.303 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tot Ion: 65 Resp: 79395

Ion Ratio Lower Upper

65 100

67 54.0 43.1 64.7

Instrument :

MSVOA_X

ClientSampleId :

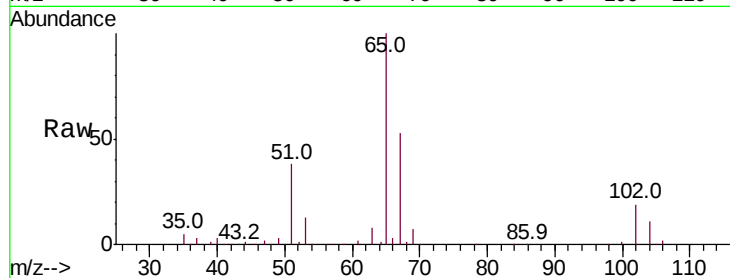
VSTDCCC020

Manual Integrations

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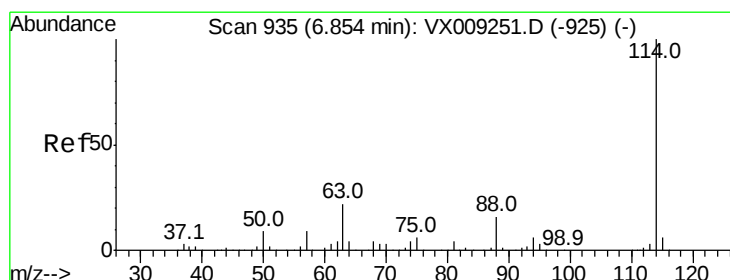
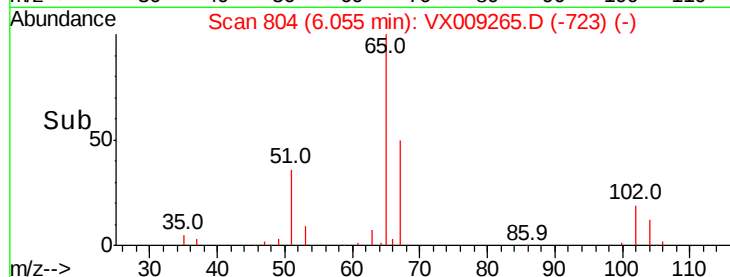
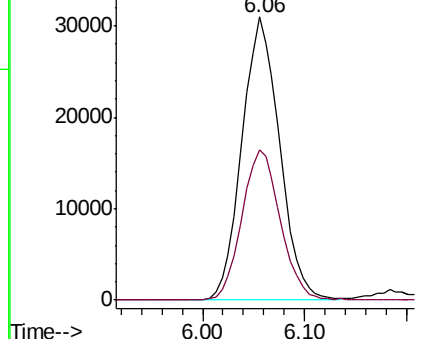
MMDadoda

5/3/2019 11:19:33 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

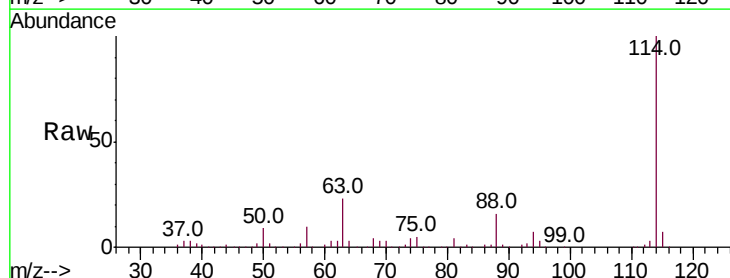
Tgt Ion:114 Resp: 186639

Ion Ratio Lower Upper

114 100

63 23.4 18.0 27.0

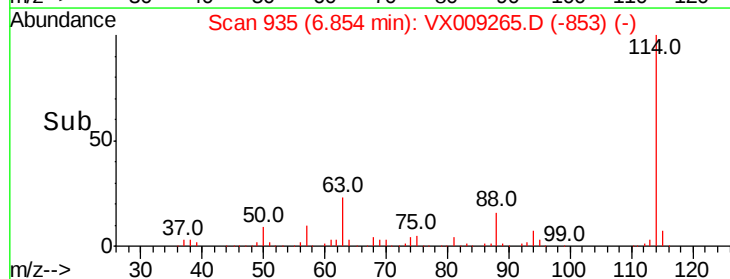
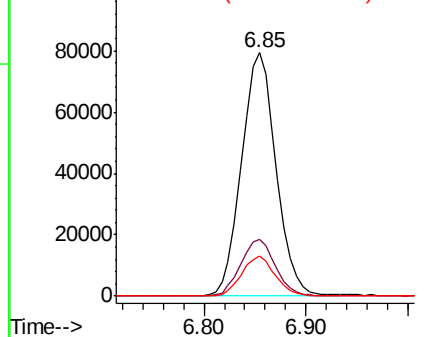
88 16.2 13.4 20.0

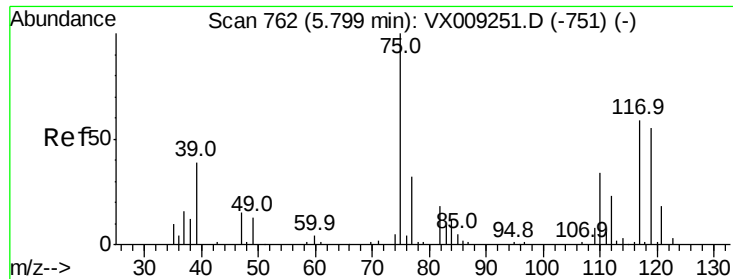


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.450 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

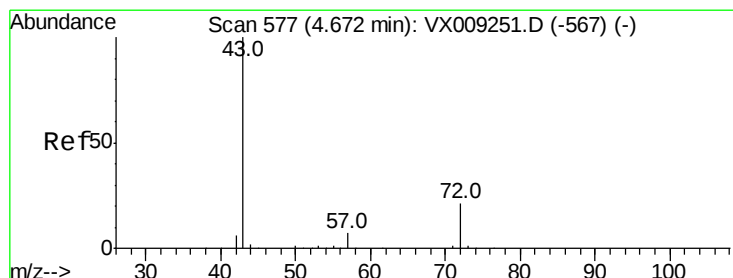
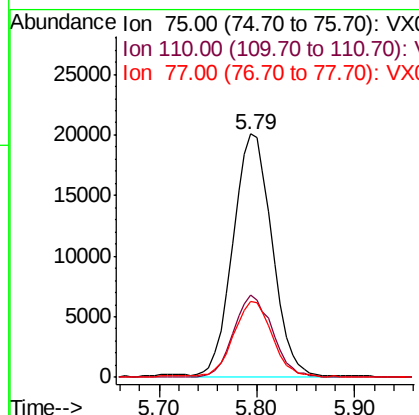
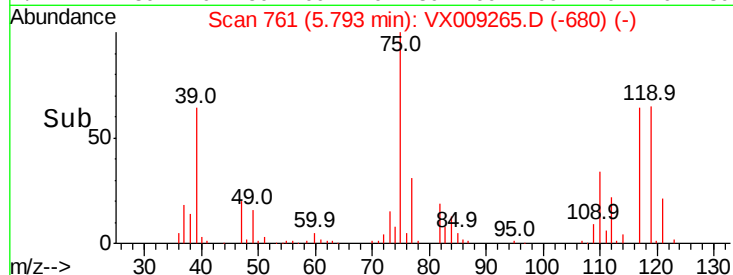
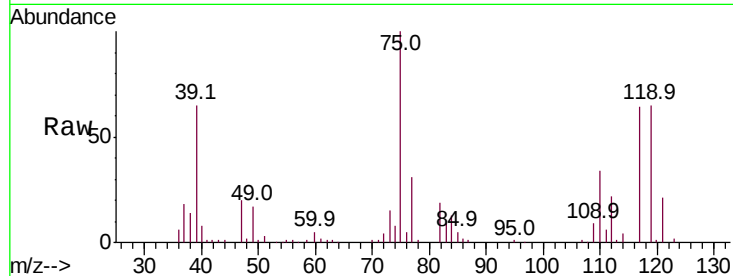
ClientSampled :

VSTDCCC020

Tot Ion:	75	Resp:	56003
Ion Ratio	Lower	Upper	
75	100		
110	33.3	0.0	66.4
77	31.0	0.0	62.2

Manual Integrations
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#30

2-Butanone

Concen: 98.639 ug/l

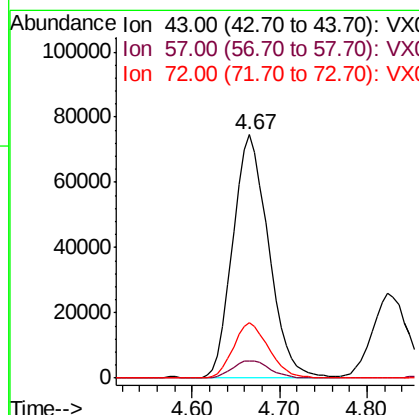
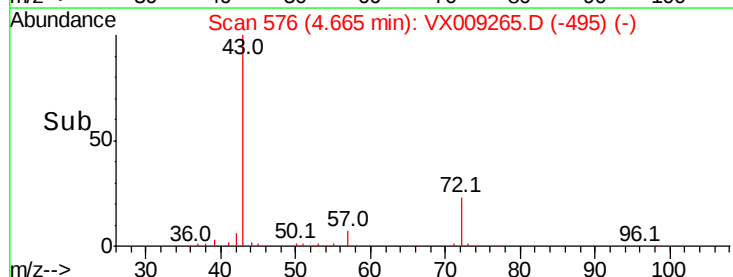
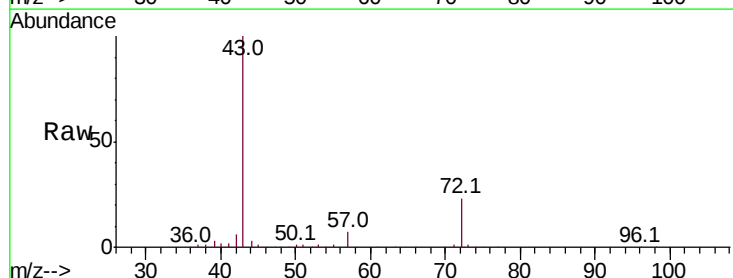
RT: 4.67 min Scan# 576

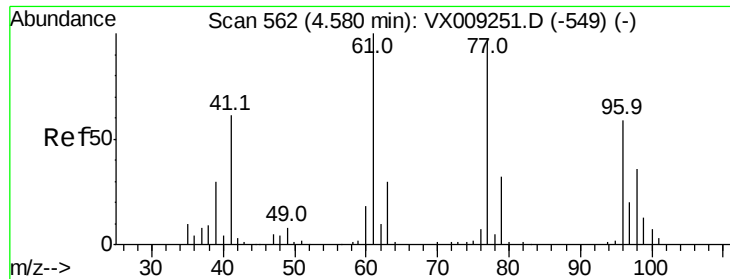
Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	43	Resp:	211554
Ion Ratio	Lower	Upper	
43	100		
57	7.5	6.0	9.0
72	22.8	18.2	27.4





#31

2,2-Dichloropropane

Concen: 20.154 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 77 Resp: 60848

Ion Ratio Lower Upper

77 100

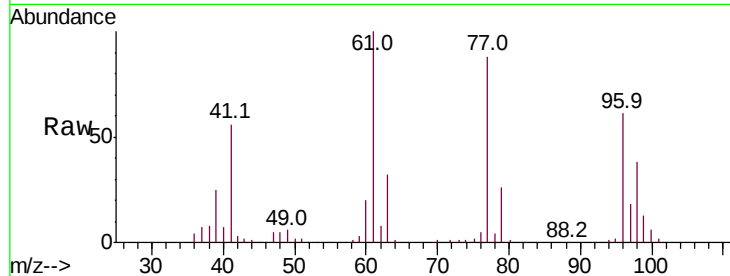
97 22.7 18.3 27.5

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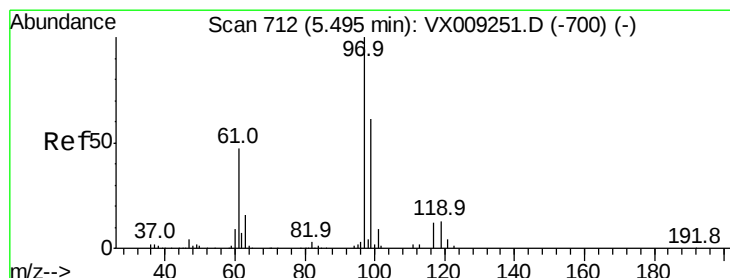
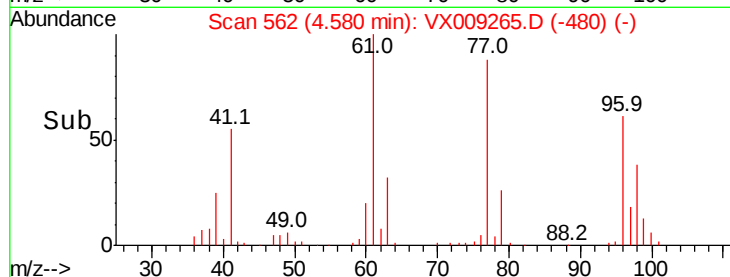
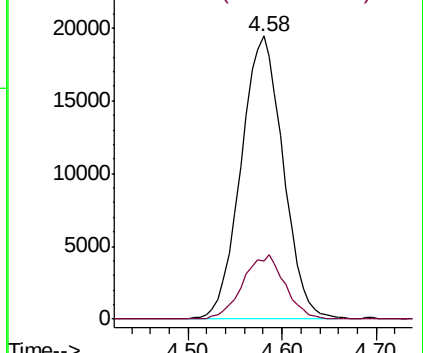
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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.985 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

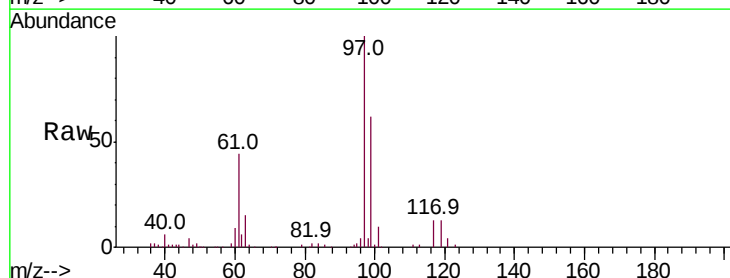
Tgt Ion: 97 Resp: 59333

Ion Ratio Lower Upper

97 100

99 64.4 53.9 80.9

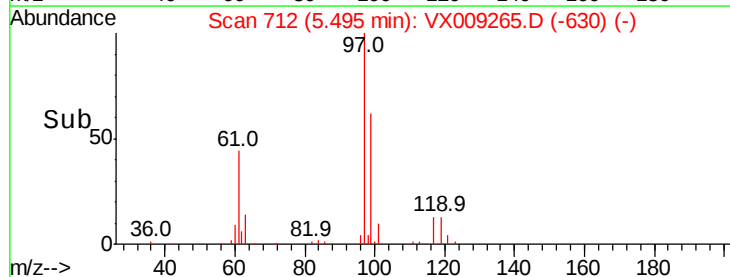
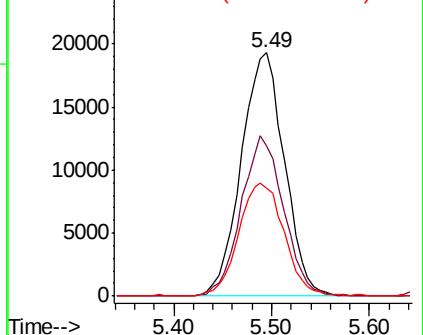
61 48.7 38.6 58.0

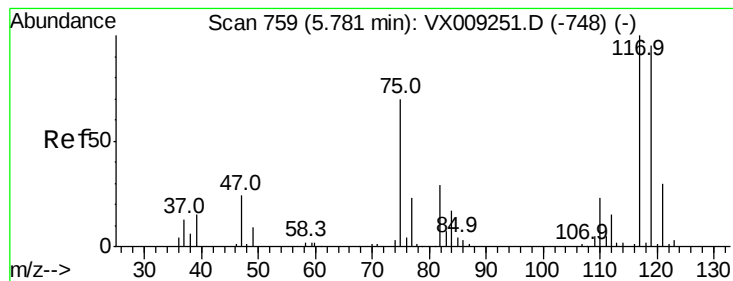


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 19.951 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

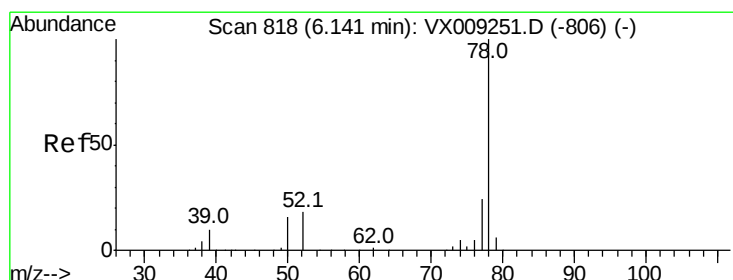
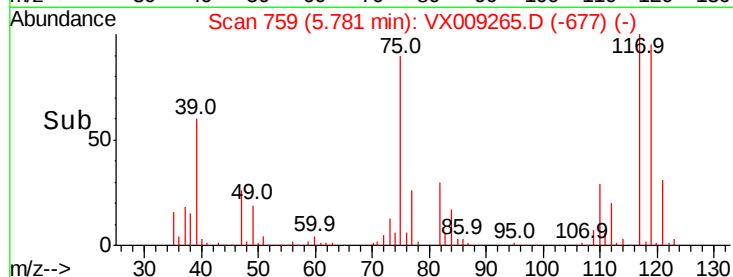
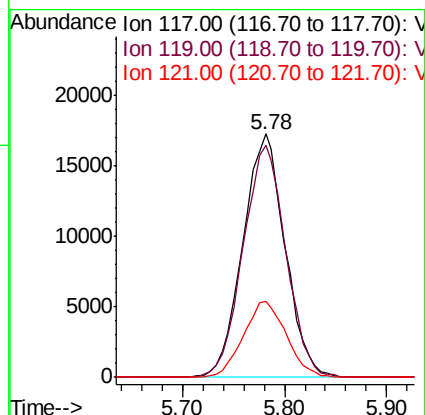
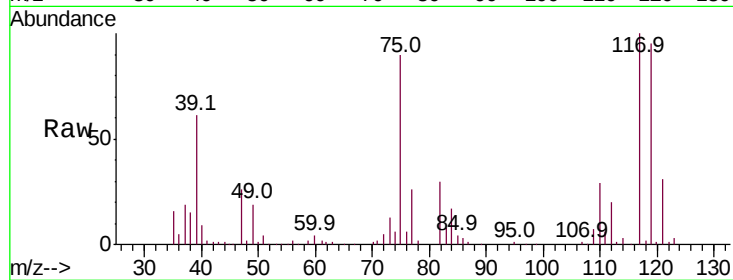
ClientSampled :

VSTDCCC020

Tot Ion:	117	Resp:	49558
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
121	31.3	24.4	36.6

Manual Integrations
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#34

Benzene

Concen: 20.288 ug/l

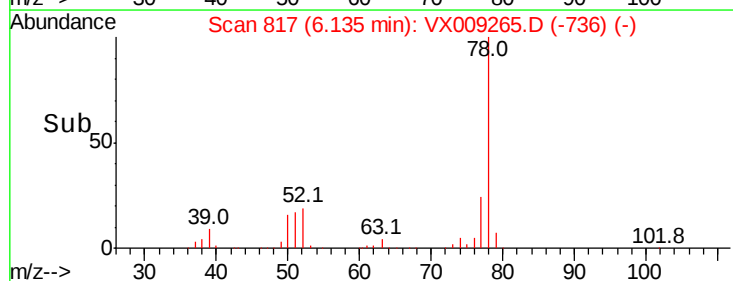
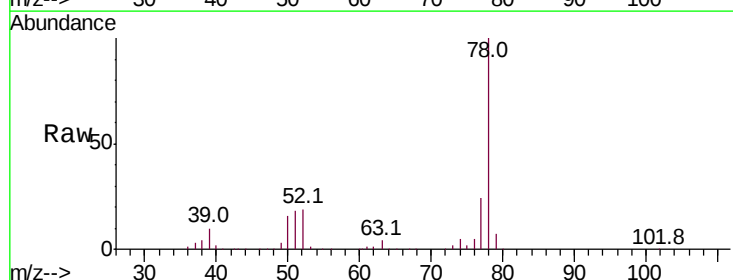
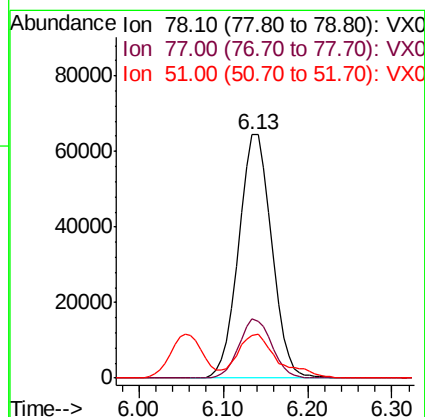
RT: 6.13 min Scan# 817

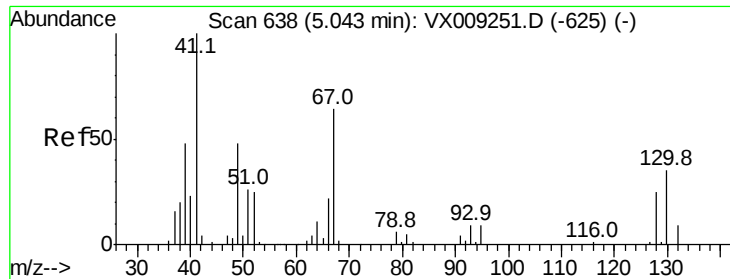
Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	78	Resp:	171296
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2
51	17.3	13.5	20.3





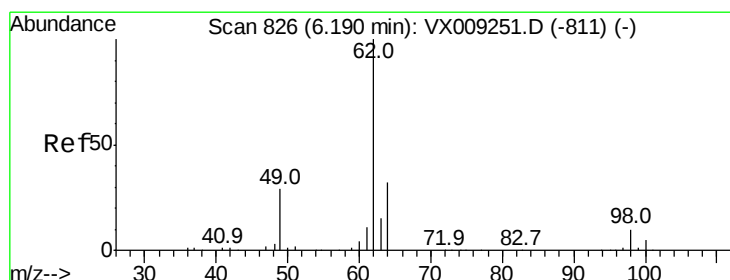
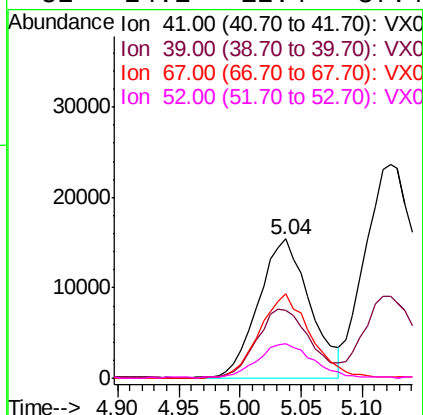
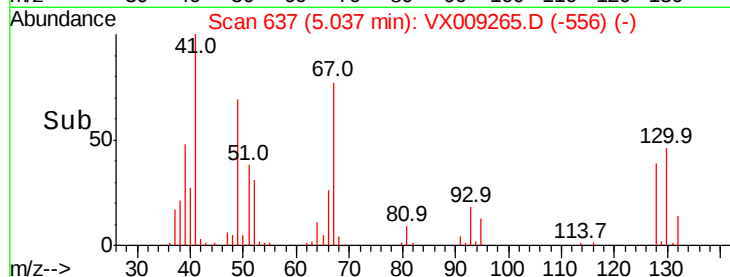
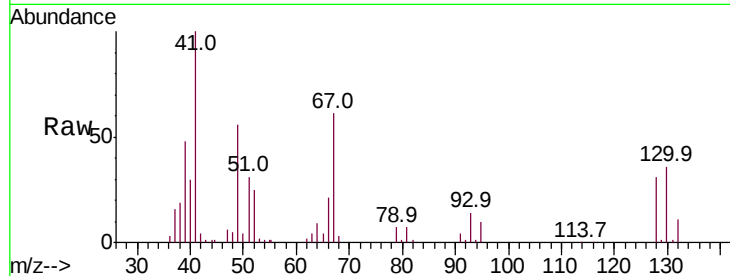
#35
Methacrylonitrile
Concen: 20.013 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	48.6	24.1	72.3	
67	61.0	32.2	96.6	
52	24.1	12.4	37.4	

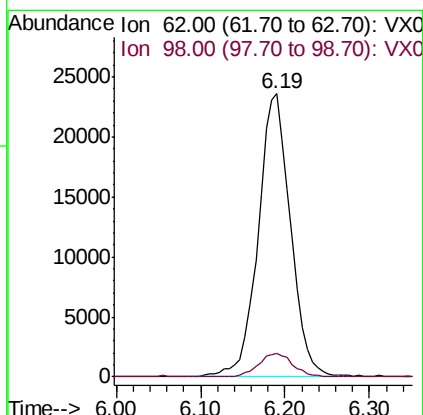
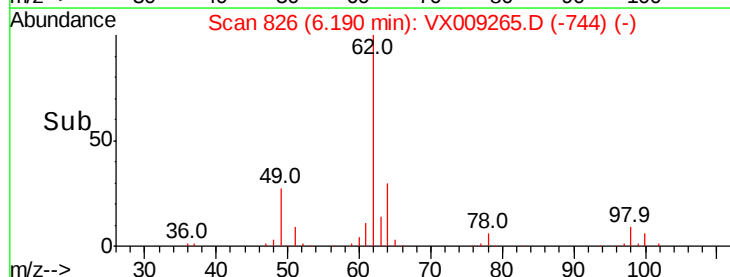
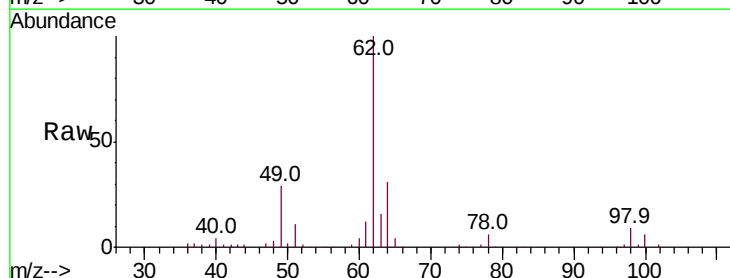
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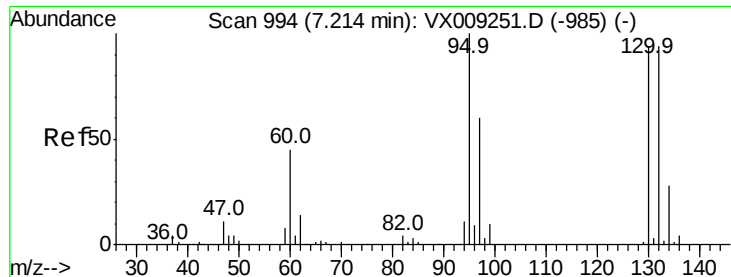
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#36
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	7.4	11.2	





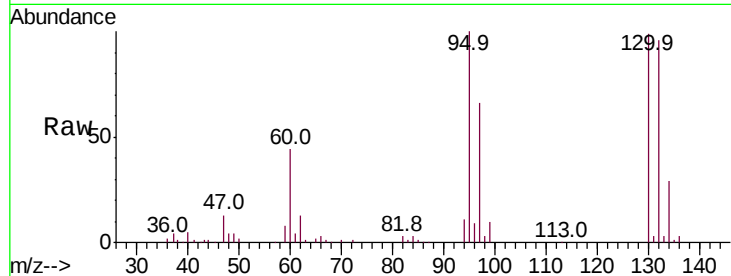
#37
 Trichloroethene
 Concen: 20.206 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

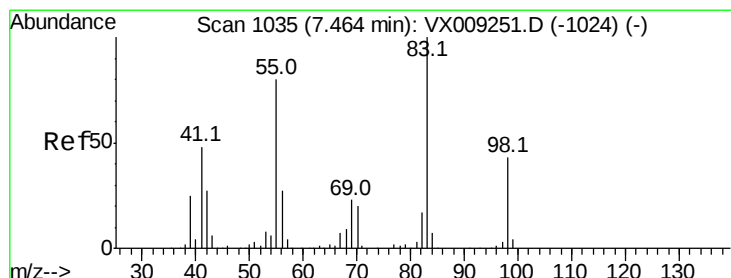
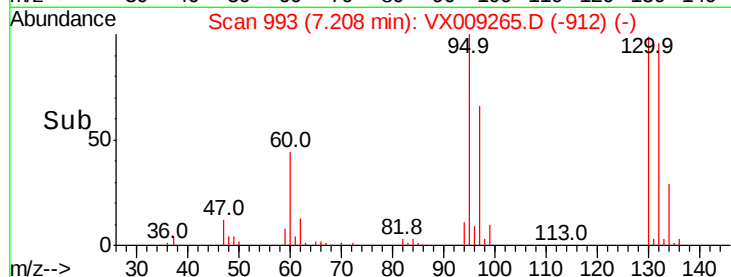
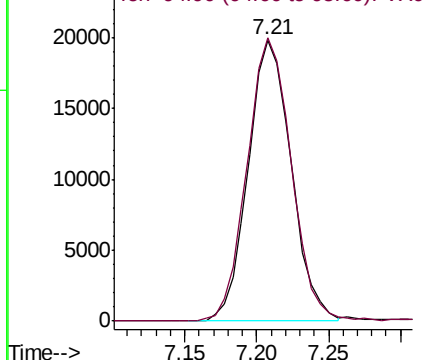
Tot Ion:130 Resp: 41067
 Ion Ratio Lower Upper
 130 100
 95 100.6 85.0 127.4

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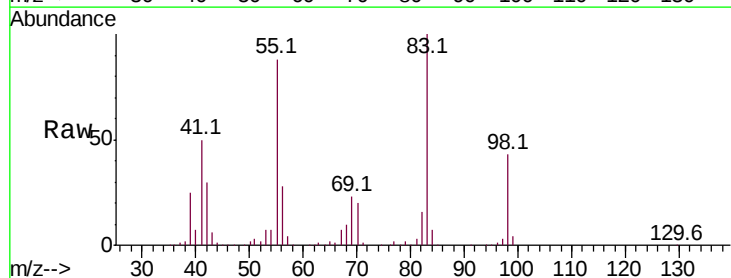


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

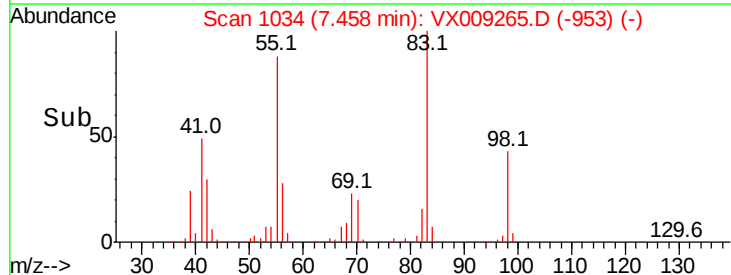
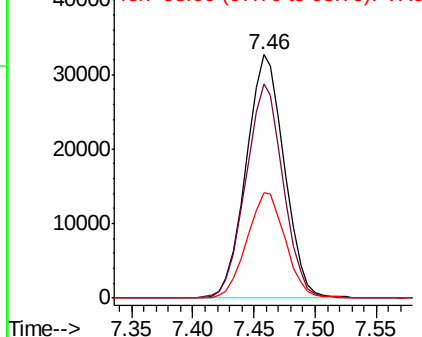


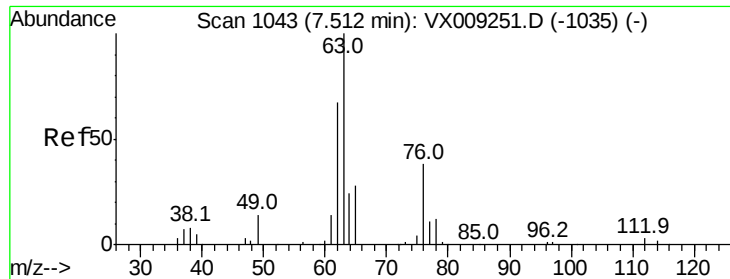
#38
 Methylcyclohexane
 Concen: 20.921 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 83 Resp: 70786
 Ion Ratio Lower Upper
 83 100
 55 86.6 43.0 129.2
 98 43.7 22.1 66.1



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





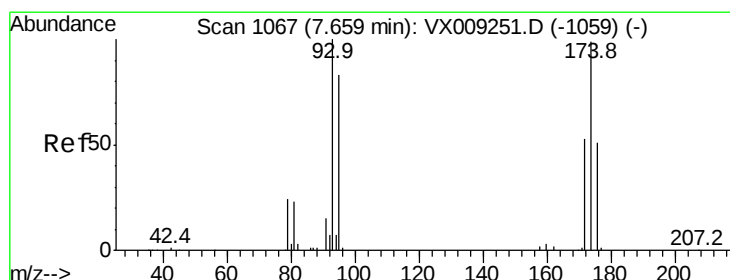
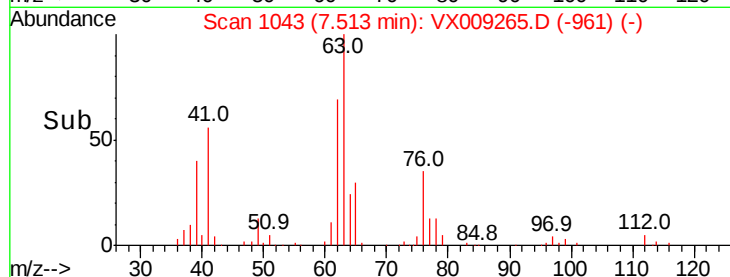
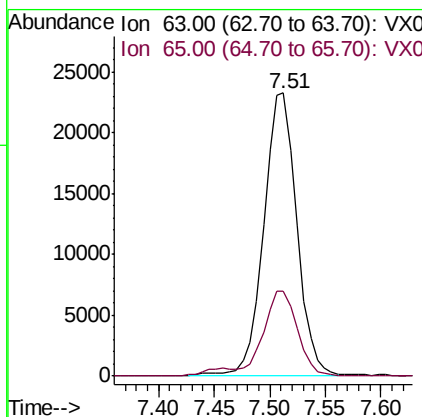
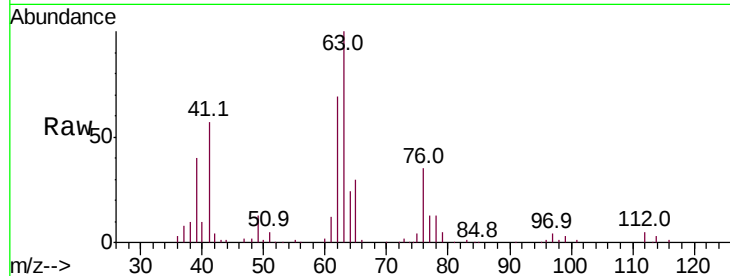
#39
 1,2-Dichloropropane
 Concen: 20.119 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion: 63 Resp: 48373
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.0 36.0

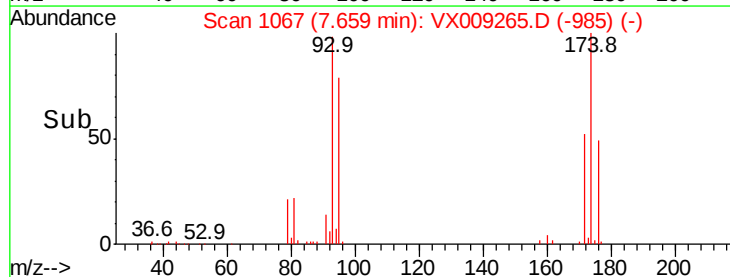
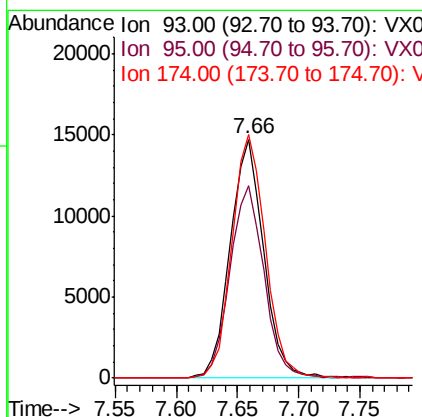
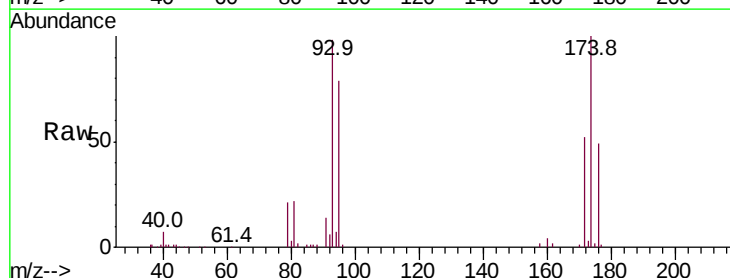
Manual Integrations
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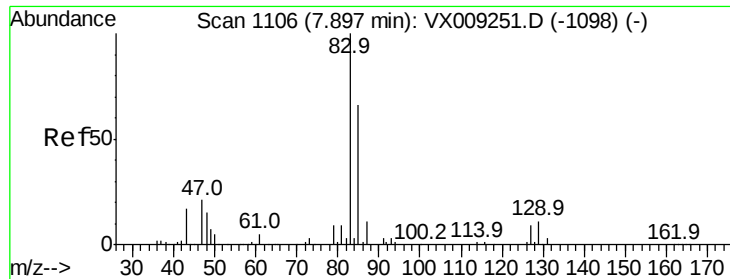
MMDadoda
 5/3/2019 11:19:33 AM



#40
 Dibromomethane
 Concen: 20.406 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 93 Resp: 27846
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 167.2
 174 102.2 0.0 203.4





#41

Bromodichloromethane

Concen: 19.918 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

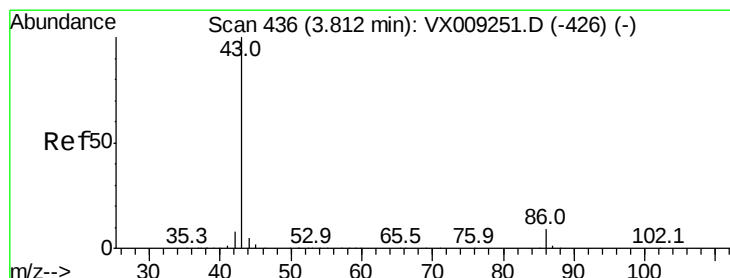
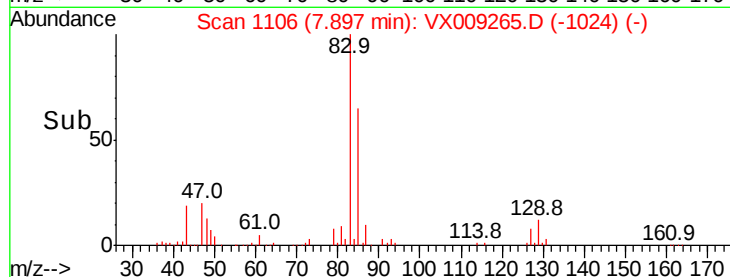
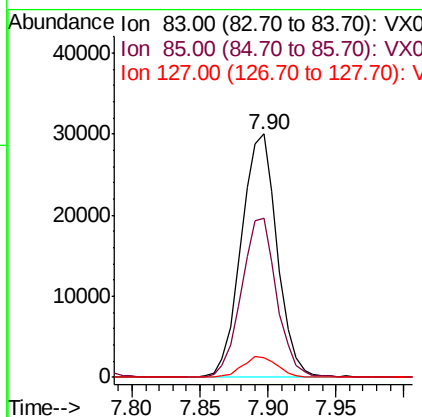
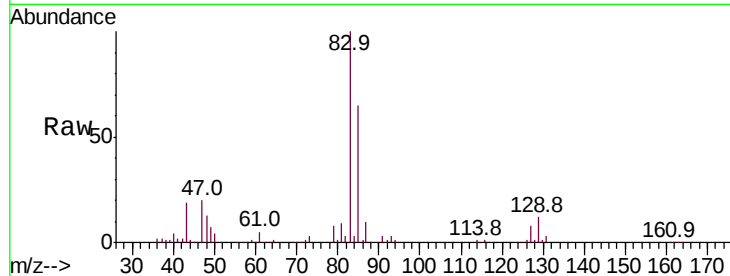
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	55519
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.6	79.0
127	8.2	6.9	10.3

Manual Integrations
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MMDadoda
5/3/2019 11:19:33 AM



#42

Vinyl Acetate

Concen: 100.392 ug/l

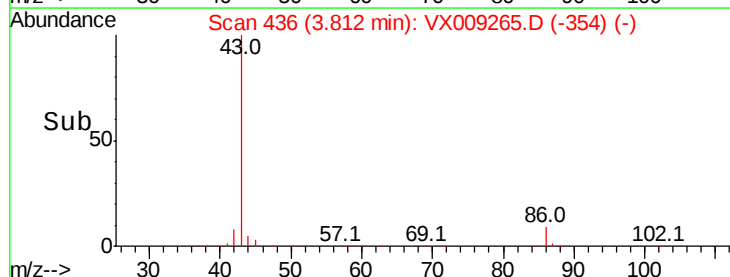
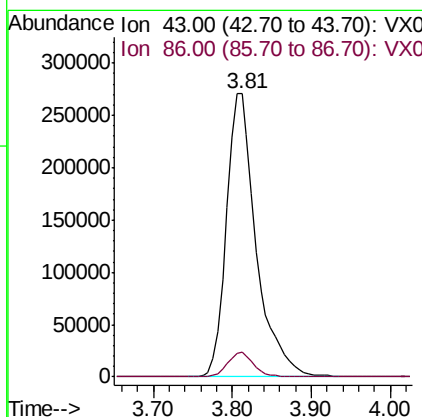
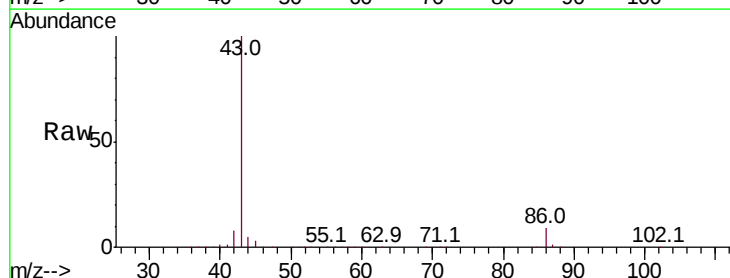
RT: 3.81 min Scan# 436

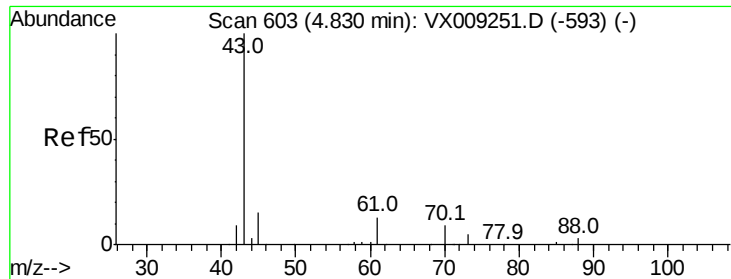
Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	43	Resp:	710633
Ion Ratio	Lower	Upper	
43	100		
86	7.7	6.0	9.0





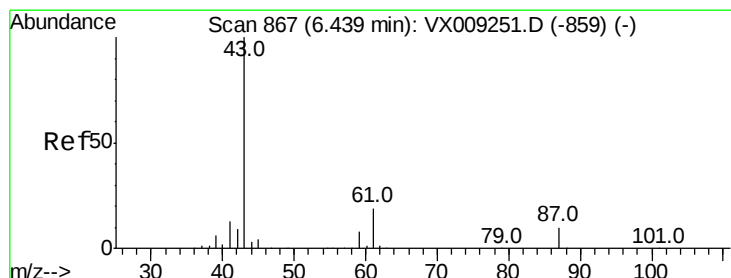
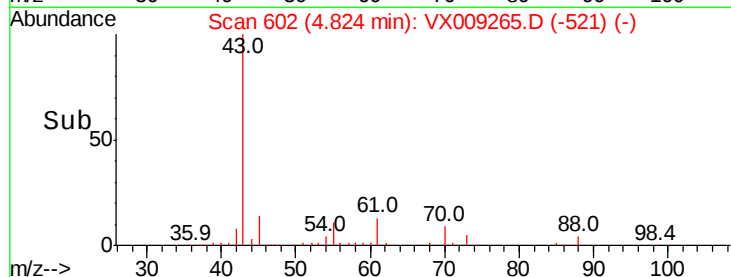
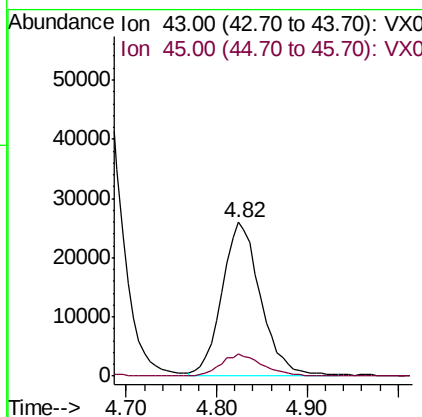
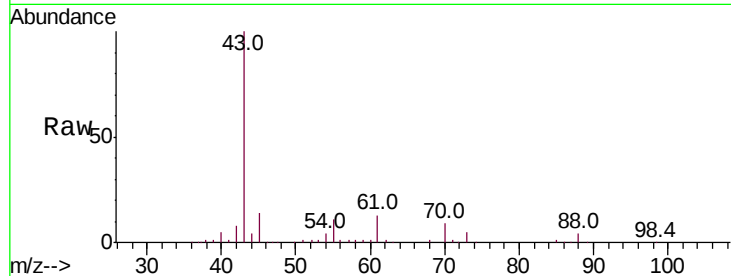
#43
Ethyl Acetate
Concen: 19.584 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 75897
Ion Ratio Lower Upper
43 100
45 14.5 11.8 17.8

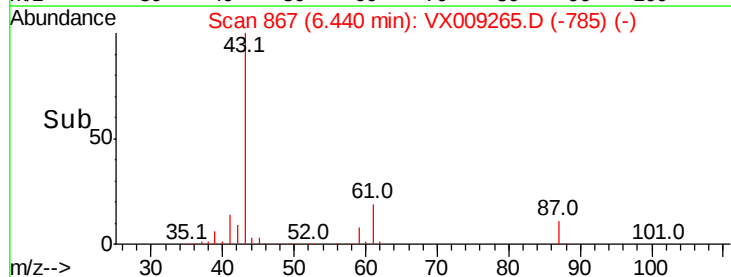
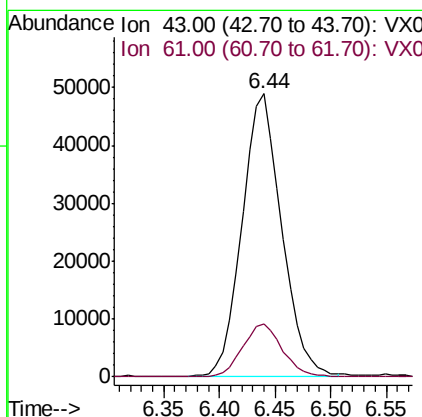
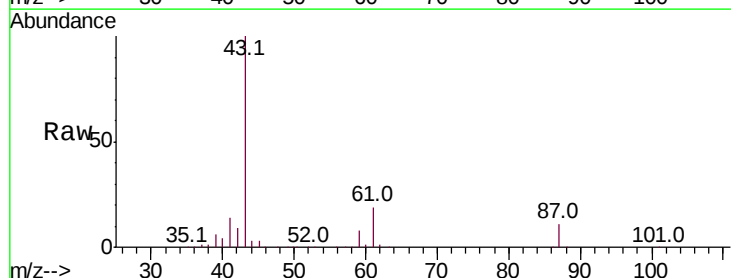
Manual Integrations
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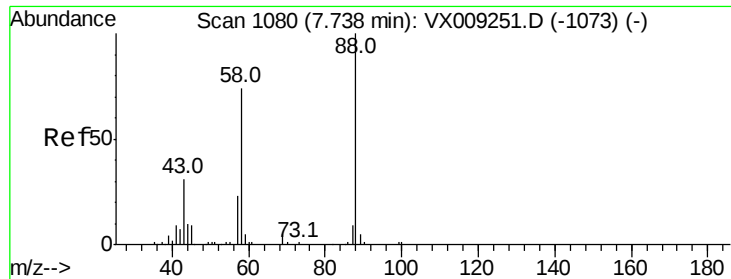
MMDadoda
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#44
Isopropyl Acetate
Concen: 19.155 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 43 Resp: 120259
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.2





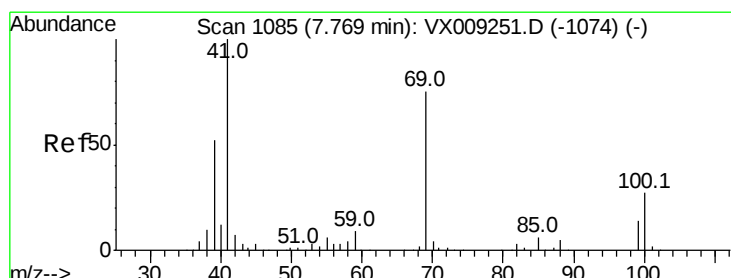
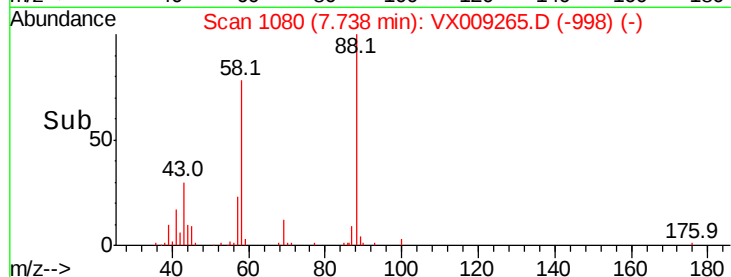
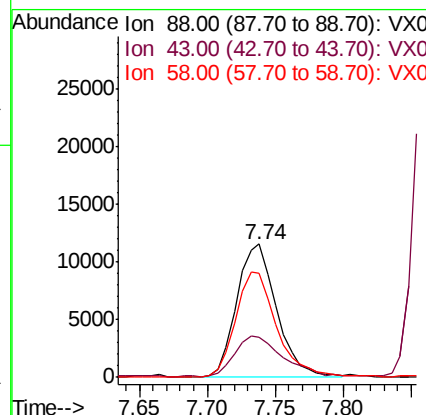
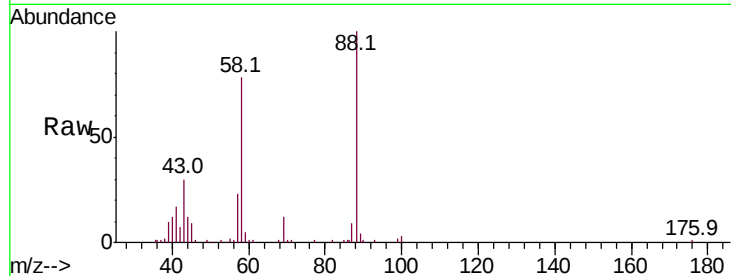
#45
1,4-Dioxane
Concen: 384.963 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.5	42.7
58	80.5	62.5	93.7

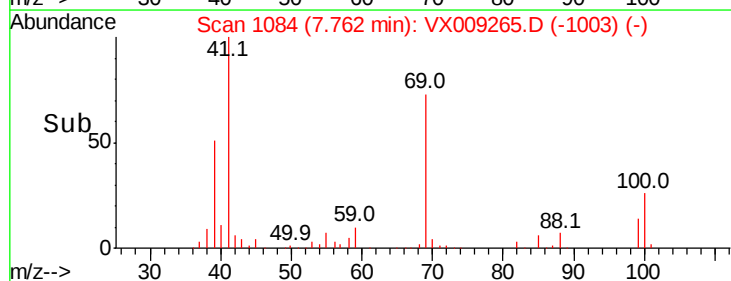
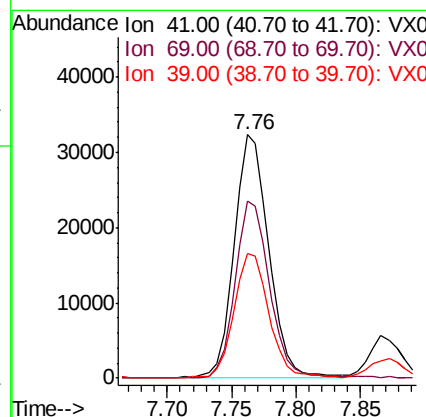
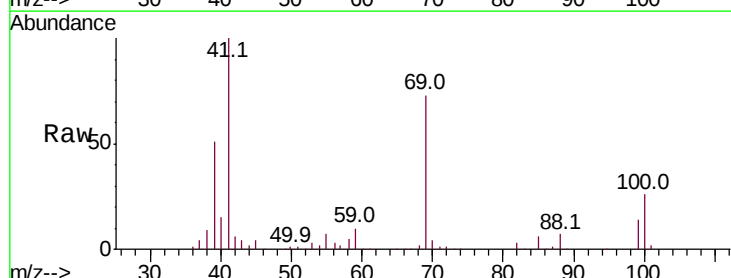
Manual Integrations
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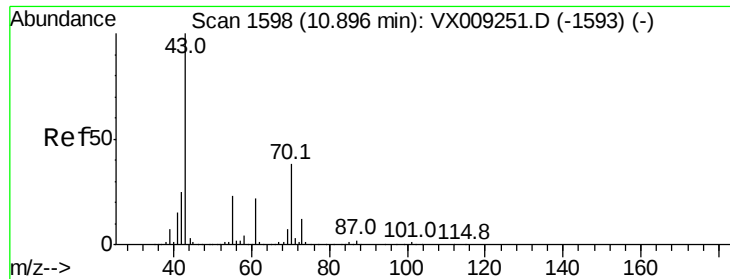
MMDadoda
5/3/2019 11:19:33 AM



#46
Methyl methacrylate
Concen: 19.090 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.2	37.6	112.8
39	51.0	25.8	77.3





#47

n-amvl Acetate

Concen: 18.917 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 106988

Ion Ratio Lower Upper

43 100

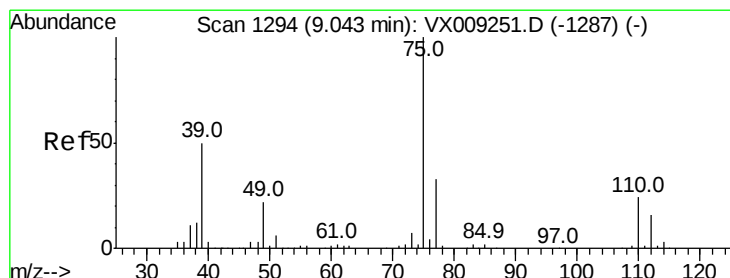
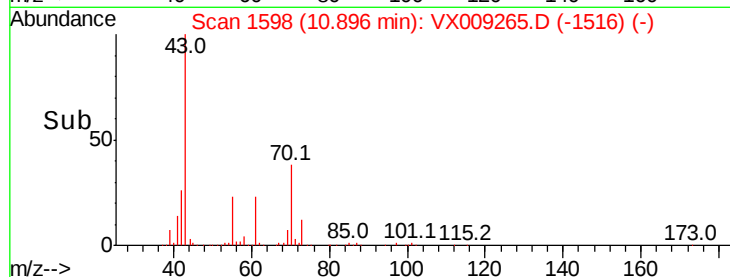
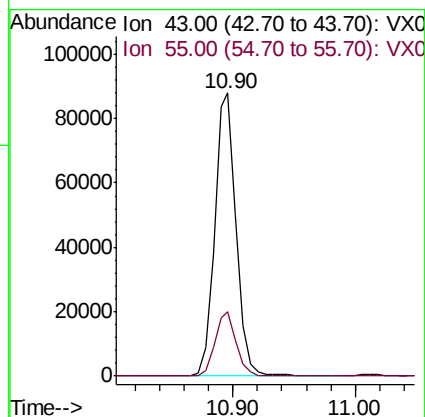
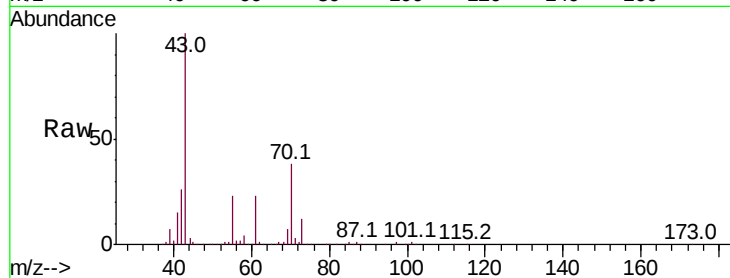
55 22.7 18.2 27.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.376 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009265.D

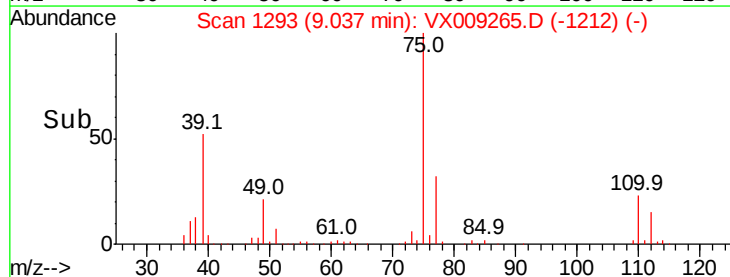
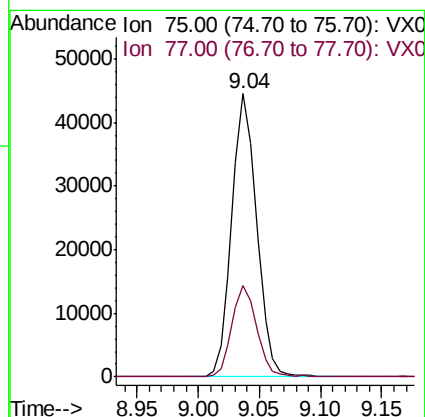
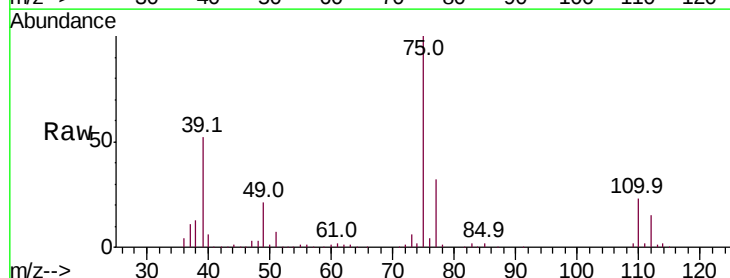
Acq: 02 May 2019 09:50

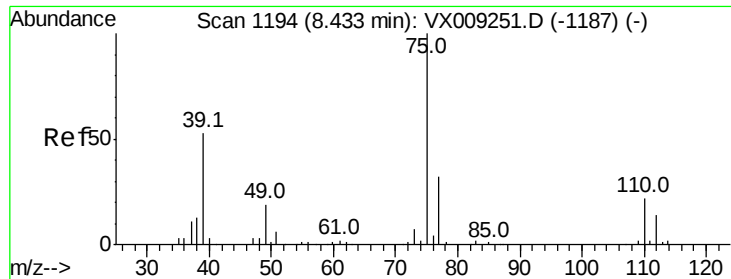
Tgt Ion: 75 Resp: 63017

Ion Ratio Lower Upper

75 100

77 32.5 26.5 39.7





#49

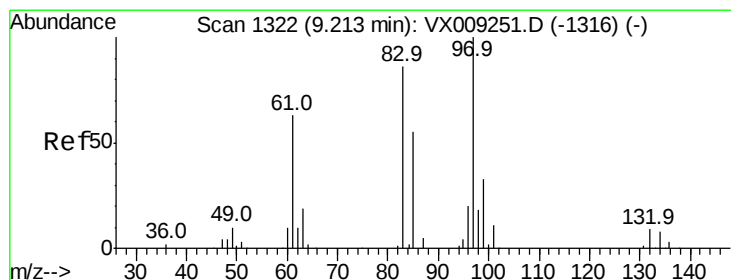
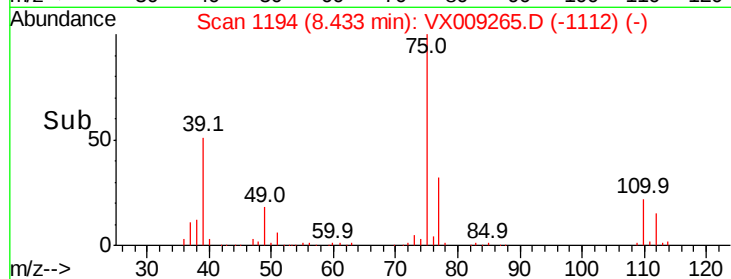
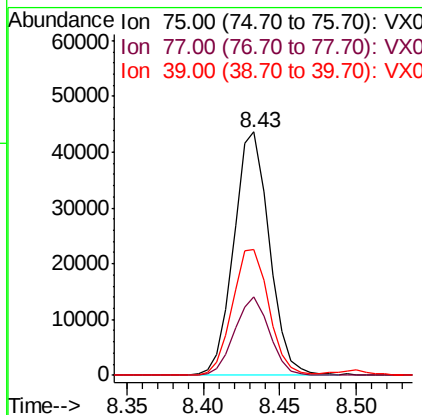
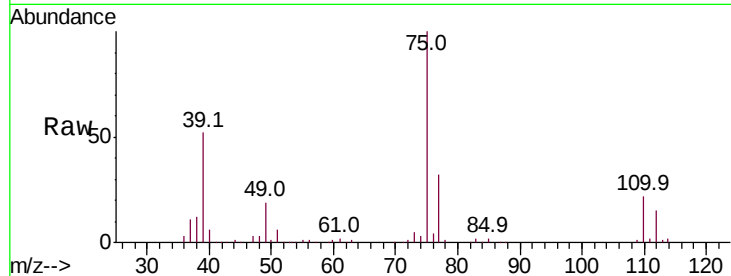
cis-1,3-Dichloropropene
 Concen: 19.699 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.0	39.0
39	51.5	42.6	63.8

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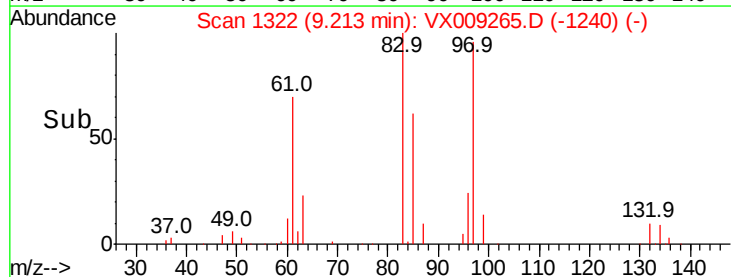
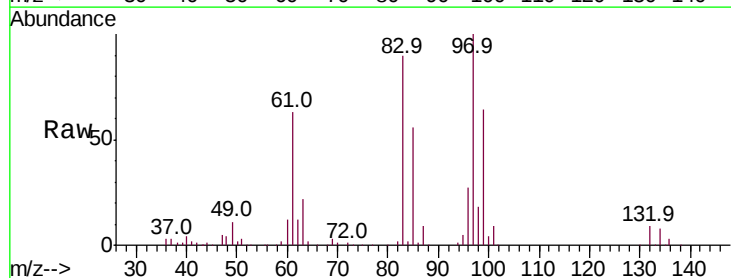
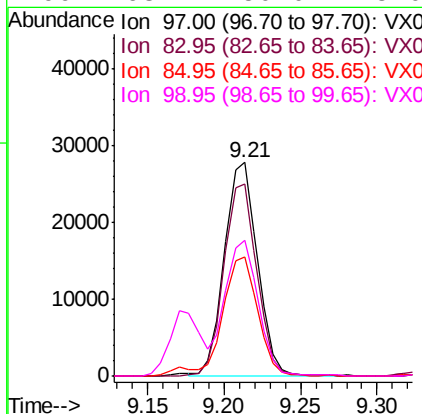
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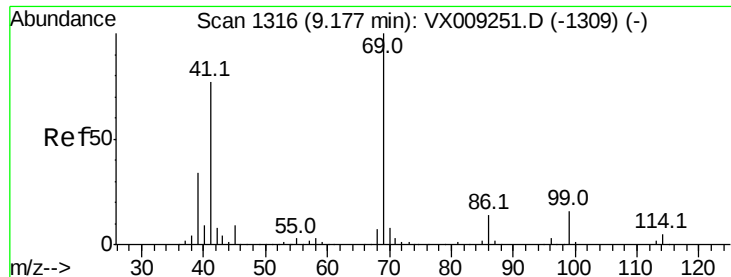


#50

1,1,2-Trichloroethane
 Concen: 19.759 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.8	103.2
85	55.9	45.8	68.6
99	63.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.216 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

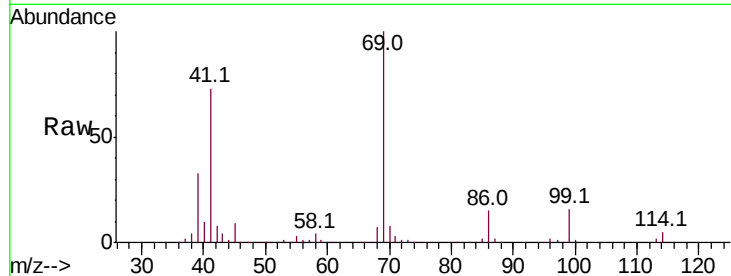
ClientSampled :

VSTDCCC020

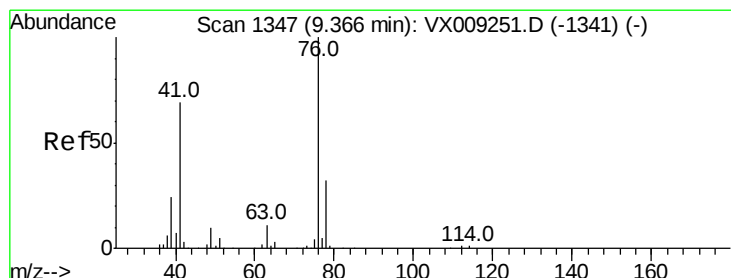
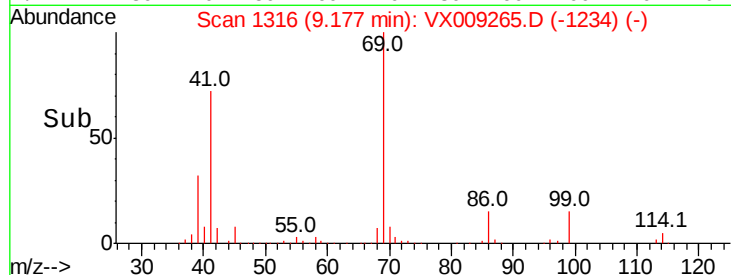
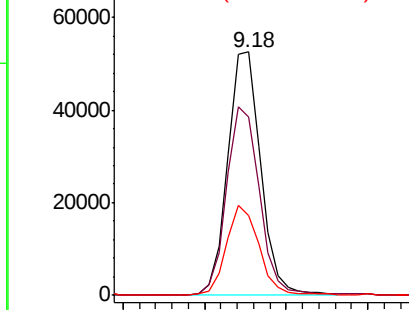
Tot Ion:	69	Resp:	74243
Ion	Ratio	Lower	Upper
69	100		
41	73.0	38.4	115.2
39	33.0	17.2	51.5

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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.965 ug/l

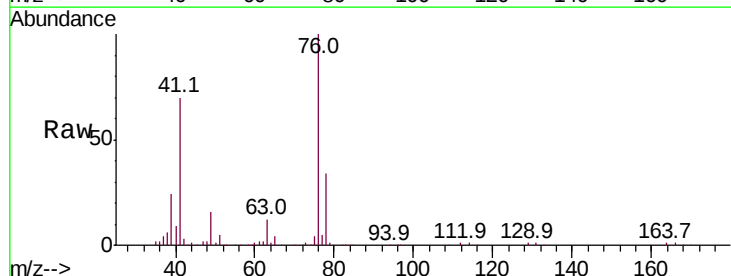
RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

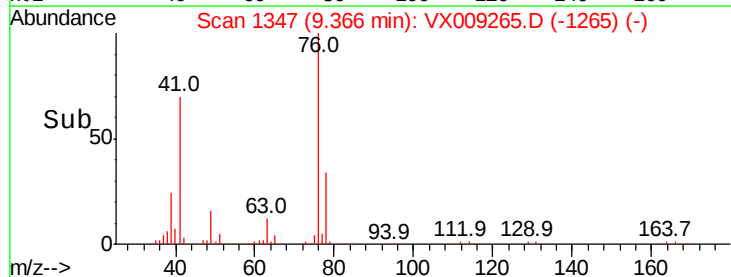
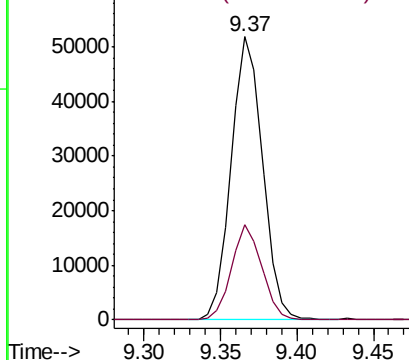
Lab File: VX009265.D

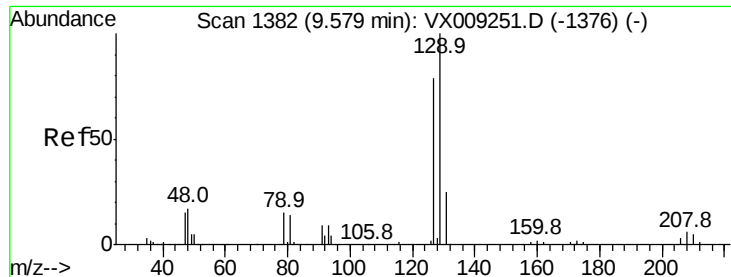
Acq: 02 May 2019 09:50

Tgt Ion:	76	Resp:	74079
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.022 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 41690

Ion Ratio Lower Upper

129 100

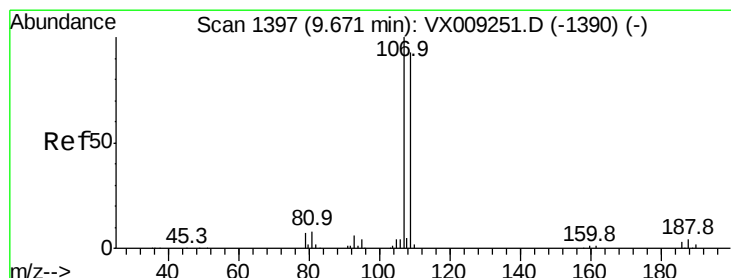
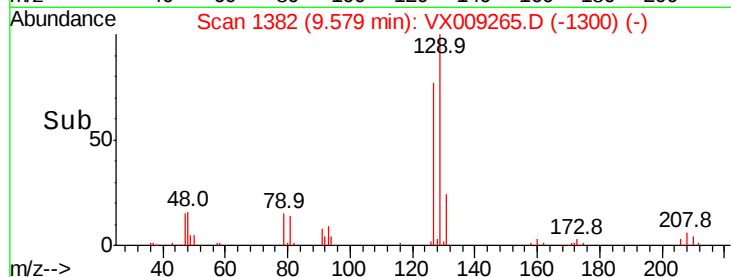
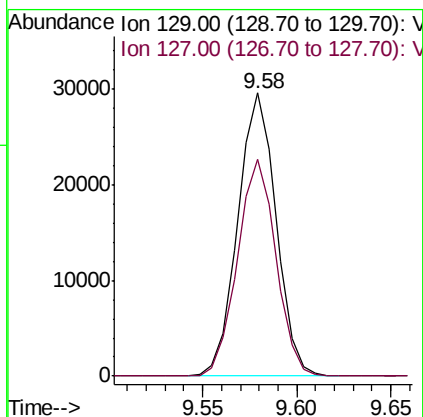
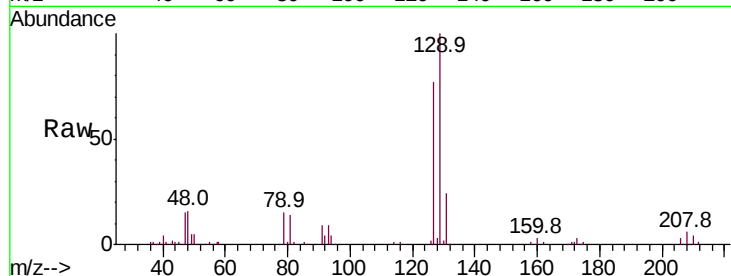
127 77.0 39.1 117.5

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#54

1,2-Dibromoethane

Concen: 19.718 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009265.D

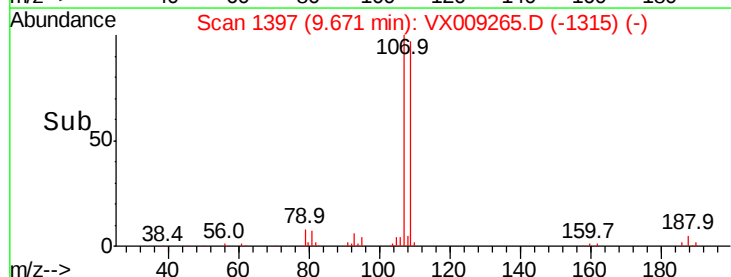
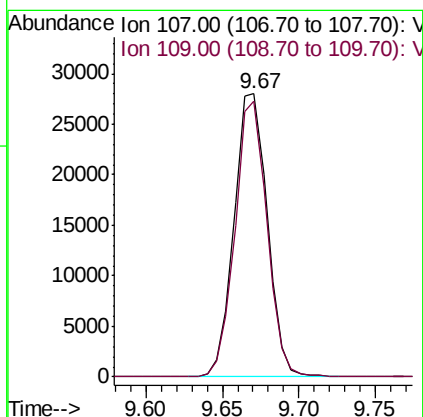
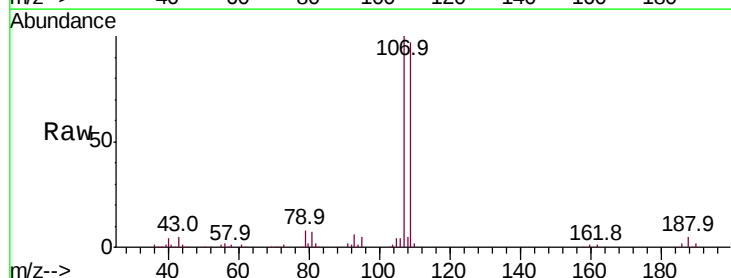
Acq: 02 May 2019 09:50

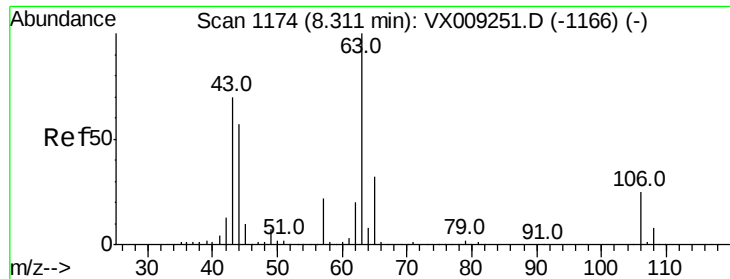
Tgt Ion:107 Resp: 42280

Ion Ratio Lower Upper

107 100

109 93.7 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 100.088 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 206059

Ion Ratio Lower Upper

63 100

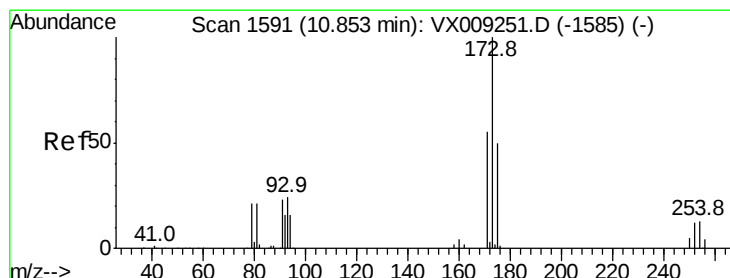
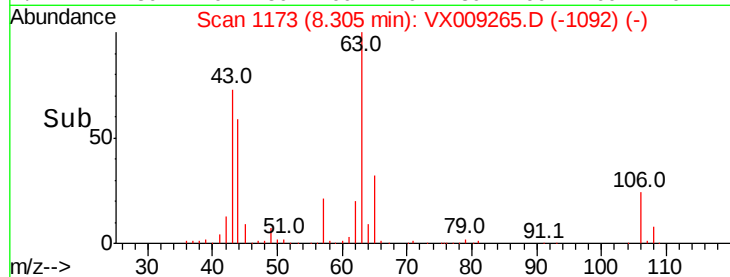
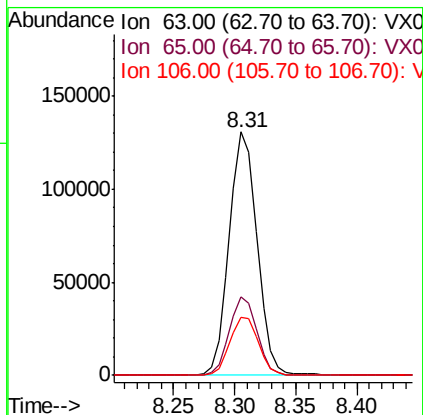
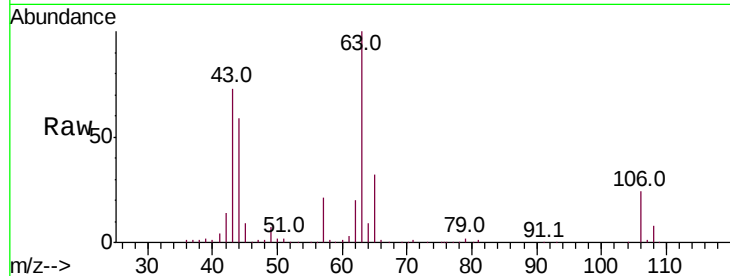
65 32.0 25.8 38.6

106 24.6 19.8 29.6

Manual Integrations
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#56

Bromoform

Concen: 18.688 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

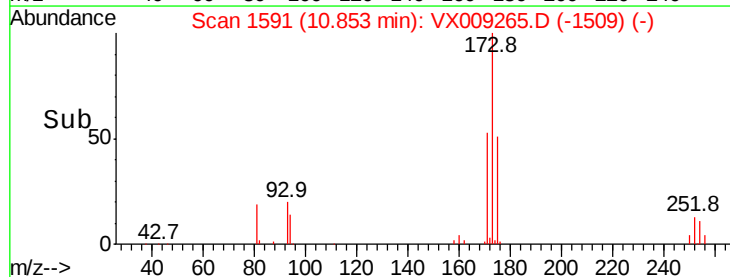
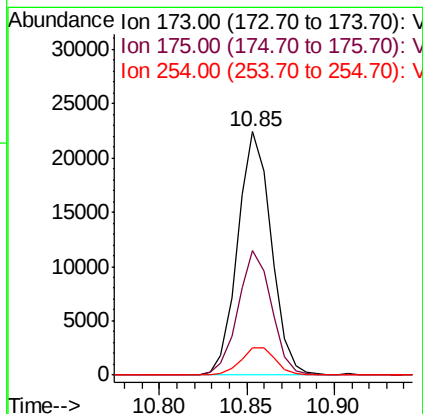
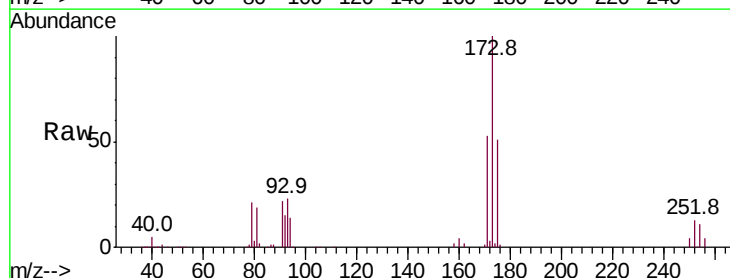
Tgt Ion:173 Resp: 29870

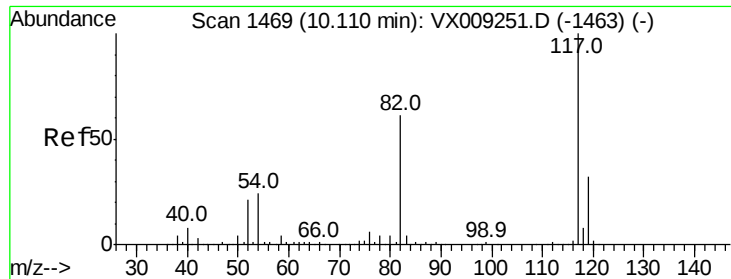
Ion Ratio Lower Upper

173 100

175 51.0 39.4 59.2

254 11.6 9.9 14.9





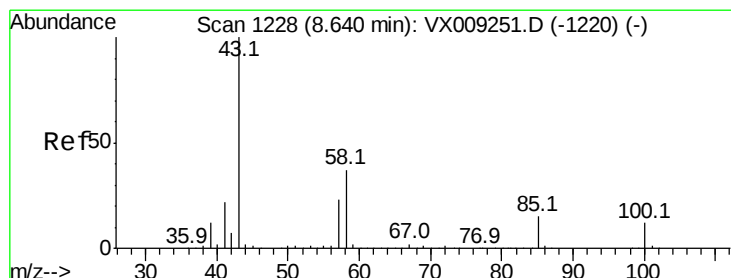
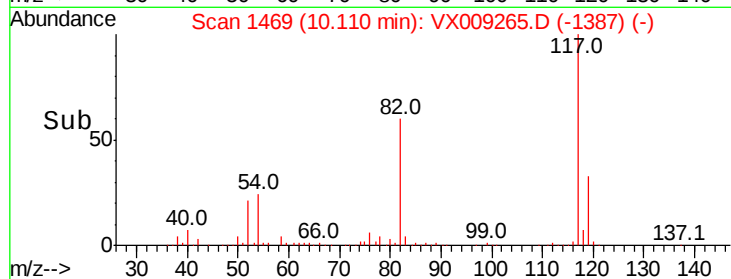
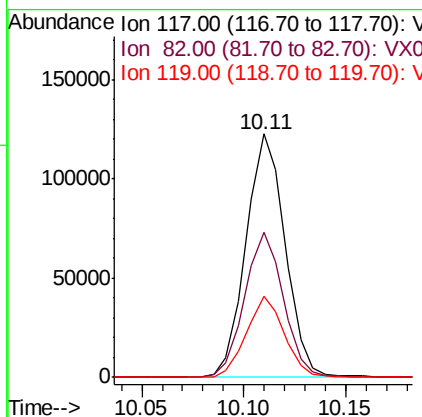
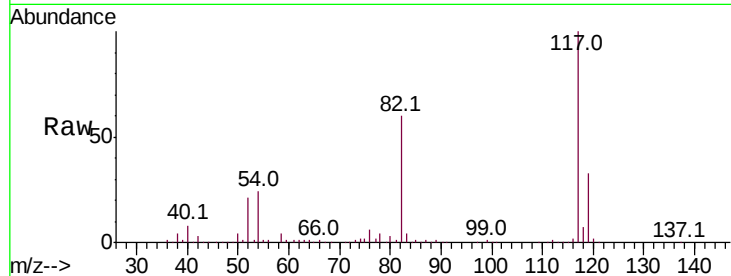
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.8	71.8
119	32.4	25.6	38.4

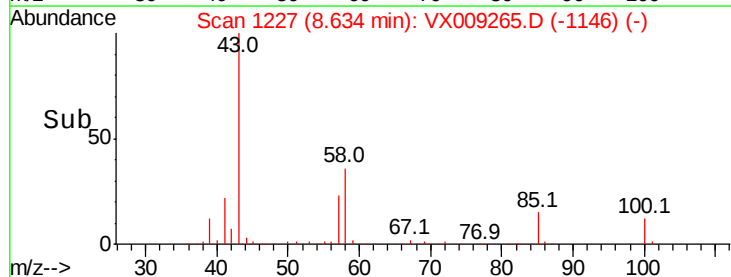
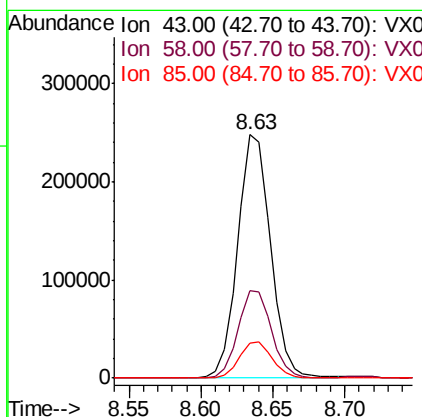
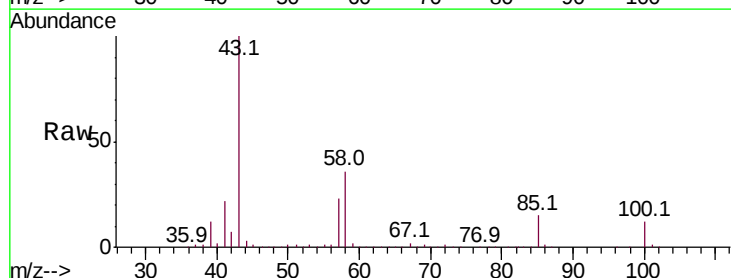
Manual Integrations
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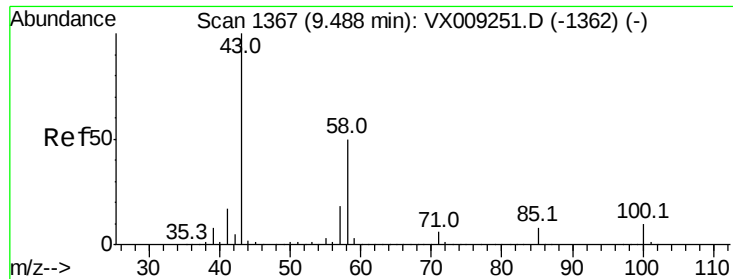
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 97.475 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.4	44.0
85	15.0	11.8	17.8





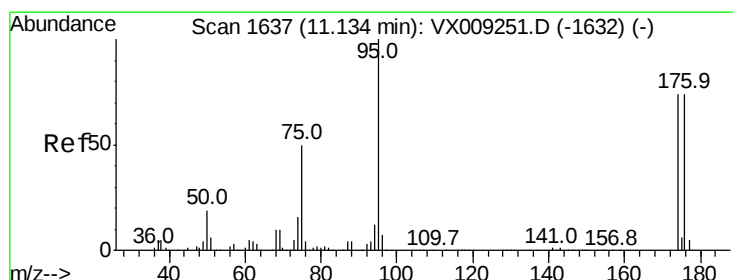
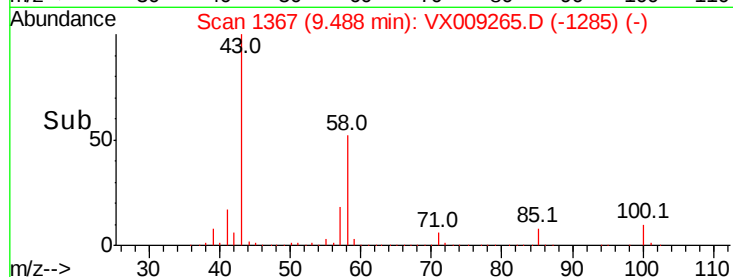
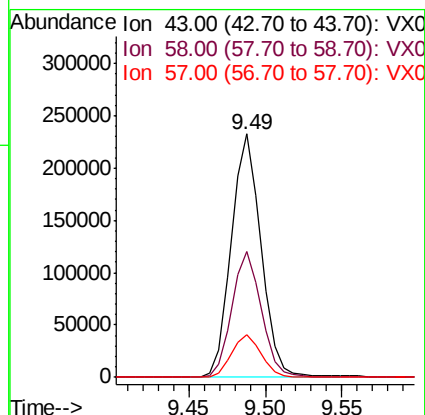
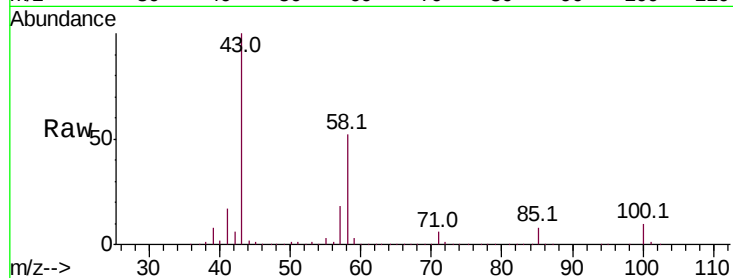
#59
2-Hexanone
Concen: 99.191 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.3	40.8	61.2
57	17.7	14.1	21.1

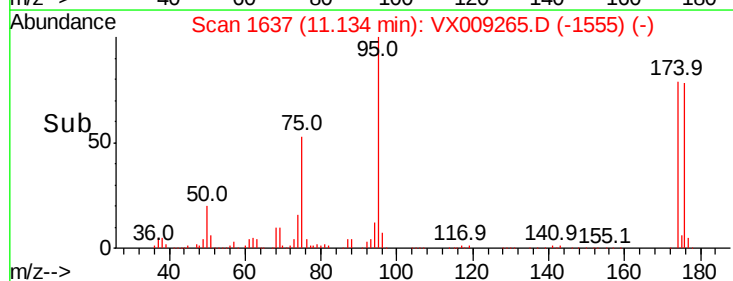
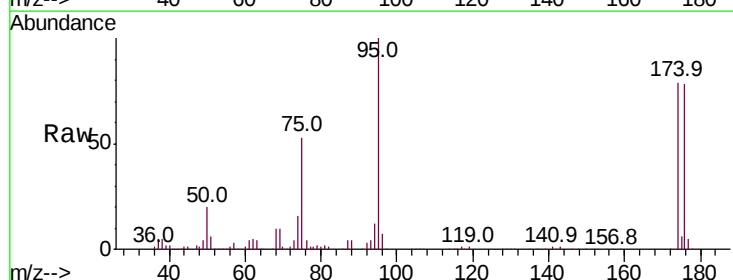
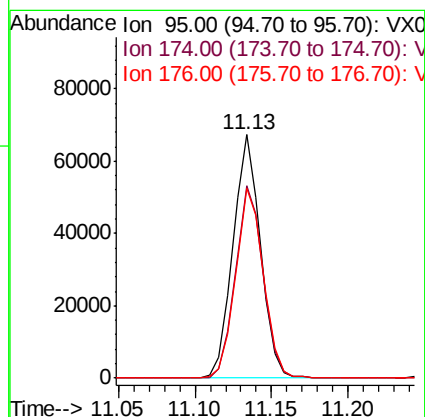
Manual Integrations
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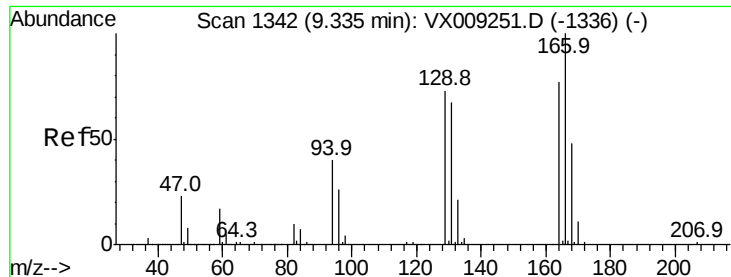
MMDadoda
5/3/2019 11:19:33 AM



#60
4-Bromofluorobenzene
Concen: 29.954 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.5	63.6	95.4
176	78.8	62.4	93.6





#61

Tetrachloroethene

Concen: 21.545 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:164 Resp: 39017

Ion Ratio Lower Upper

164 100

166 131.8 104.1 156.1

129 90.8 76.0 114.0

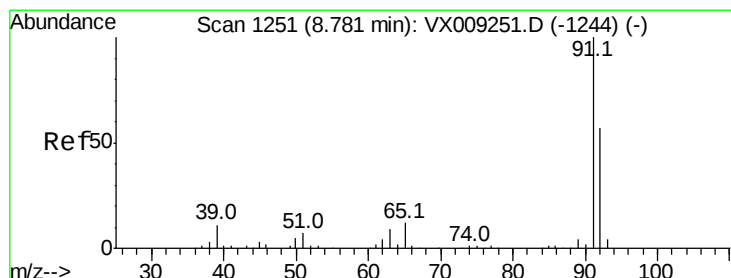
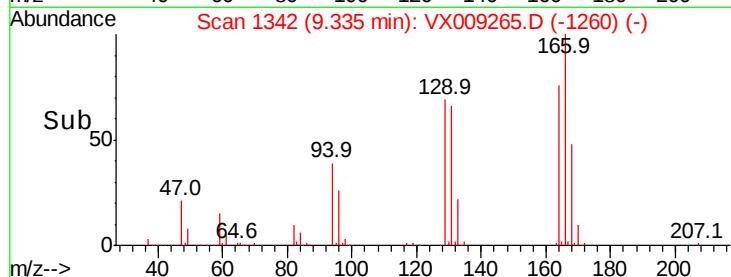
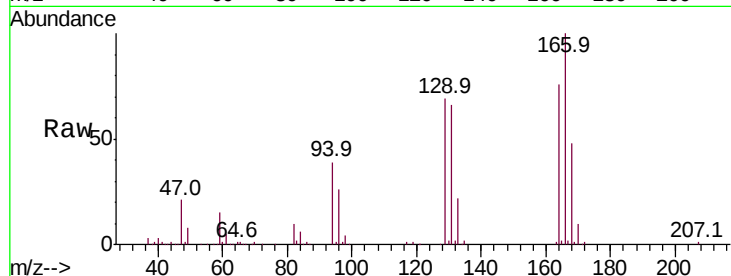
131 86.5 70.1 105.1

Manual Integrations

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#62

Toluene

Concen: 20.382 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX009265.D

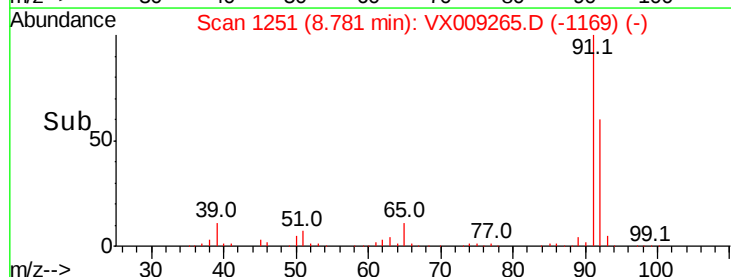
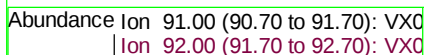
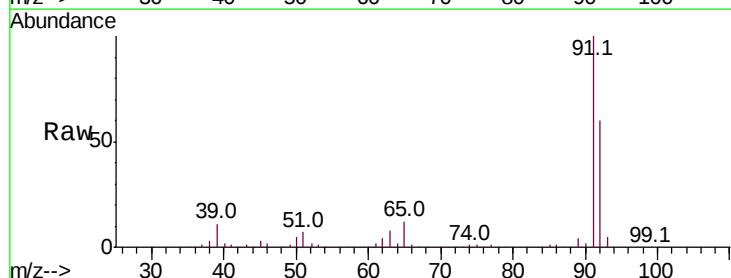
Acq: 02 May 2019 09:50

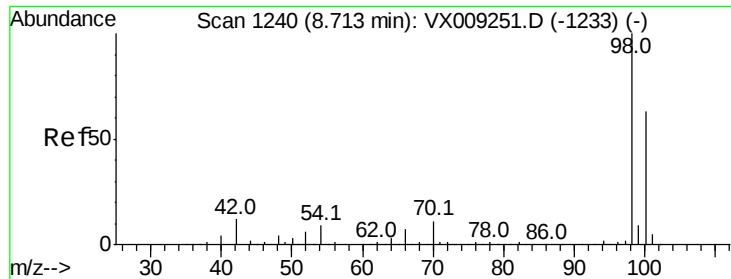
Tgt Ion: 91 Resp: 178911

Ion Ratio Lower Upper

91 100

92 58.7 46.1 69.1





#63

Toluene-d8

Concen: 30.738 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 239393

Ion Ratio Lower Upper

98 100

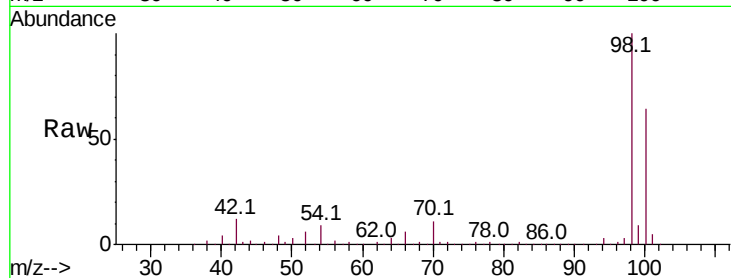
100 63.0 52.3 78.5

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX009251.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX009251.D (-1233) (-)

8.71

150000

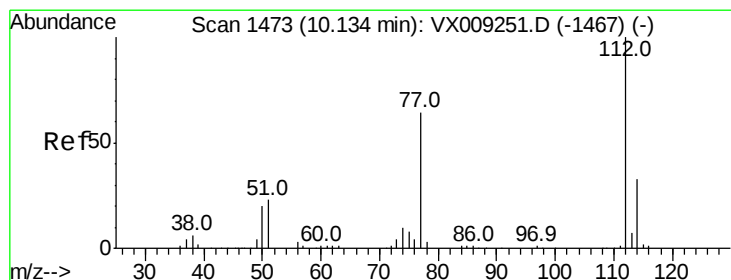
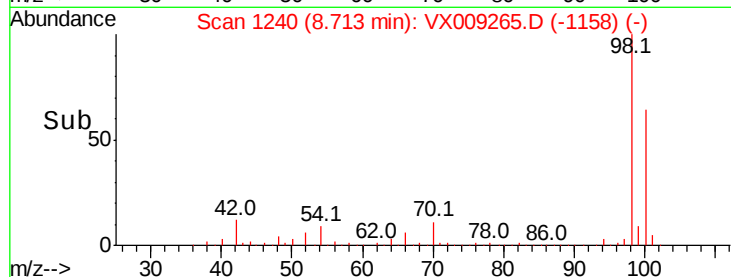
100000

50000

0

8.60 8.70 8.80

Time-->



#64

Chlorobenzene

Concen: 20.355 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009265.D

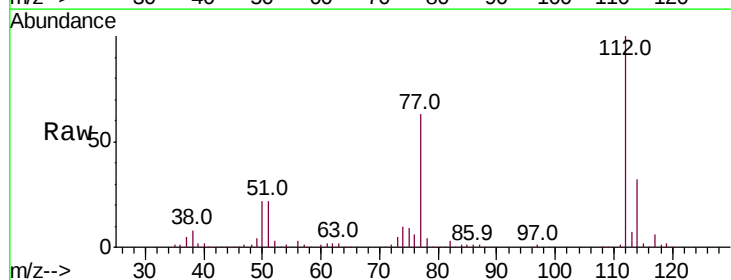
Acq: 02 May 2019 09:50

Tgt Ion: 112 Resp: 107533

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009251.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX009251.D (-1467) (-)

10.13

80000

60000

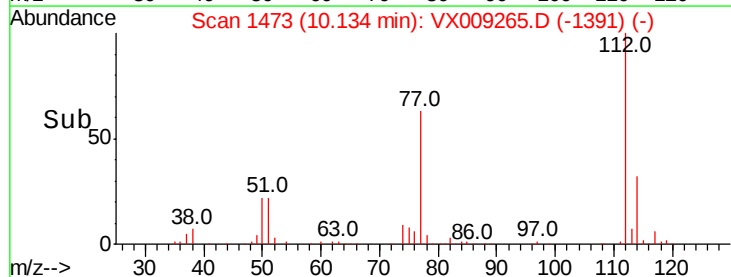
40000

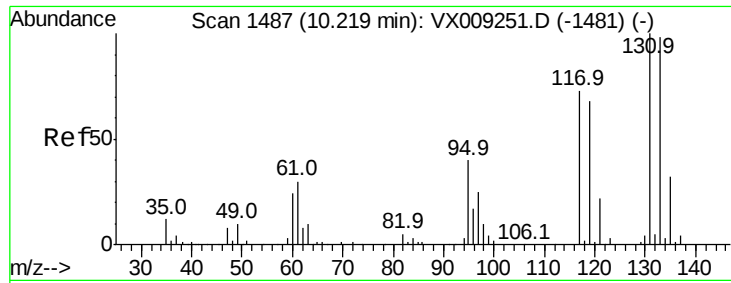
20000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.988 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

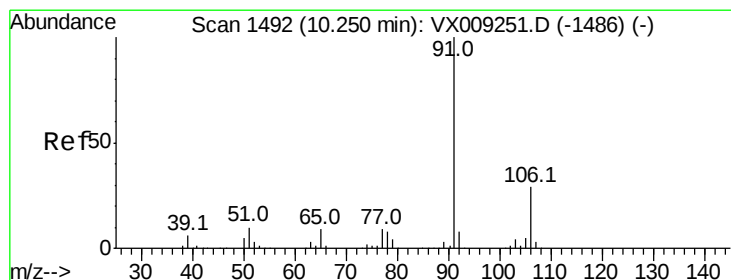
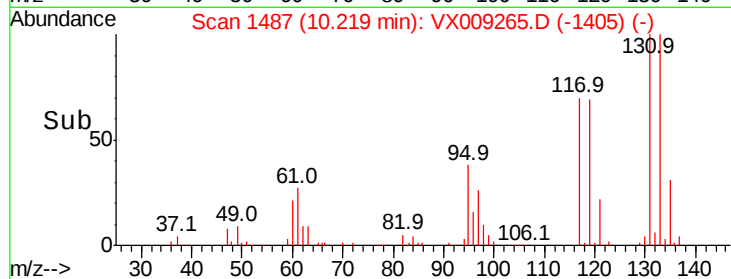
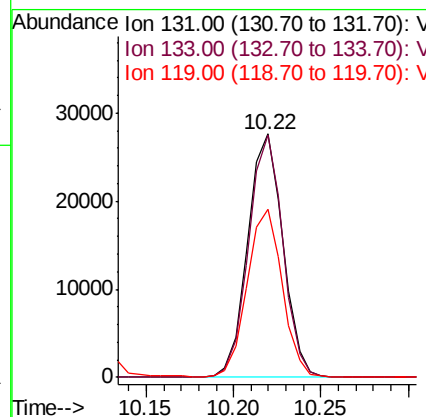
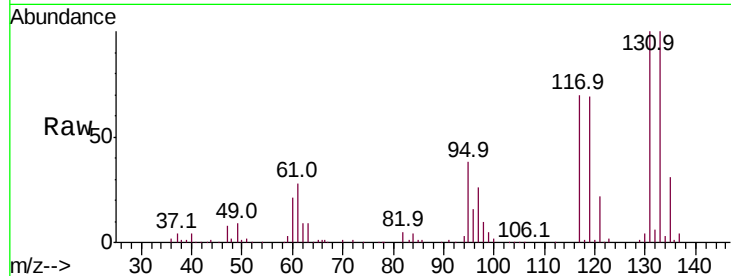
ClientSampled :

VSTDCCC020

Tot Ion:	131	Resp:	38664
Ion Ratio	Lower	Upper	
131	100		
133	96.7	0.0	191.2
119	68.6	0.0	135.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.457 ug/l

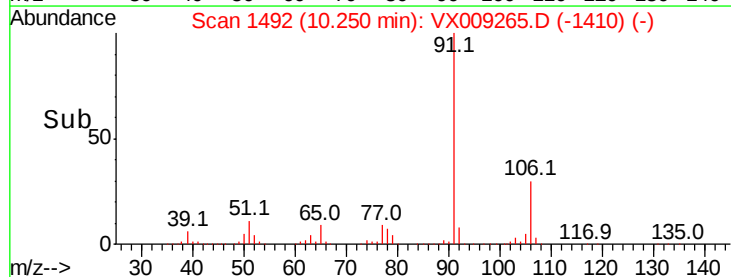
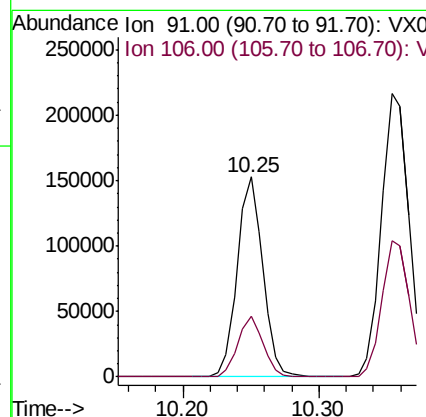
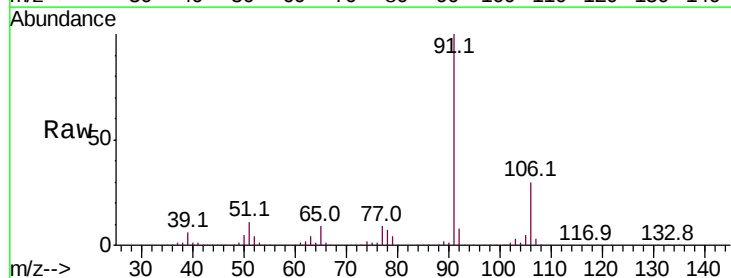
RT: 10.25 min Scan# 1492

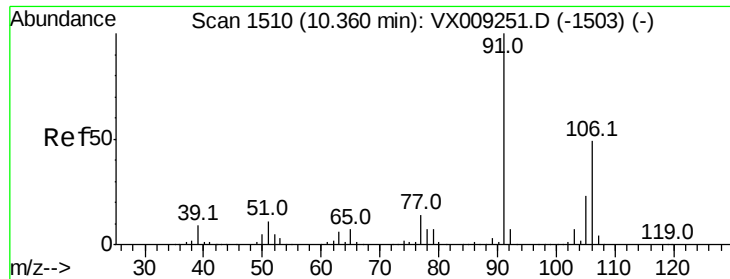
Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	91	Resp:	200046
Ion Ratio	Lower	Upper	
91	100		
106	30.4	23.5	35.3





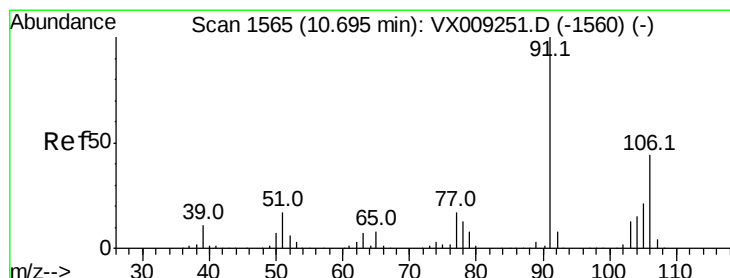
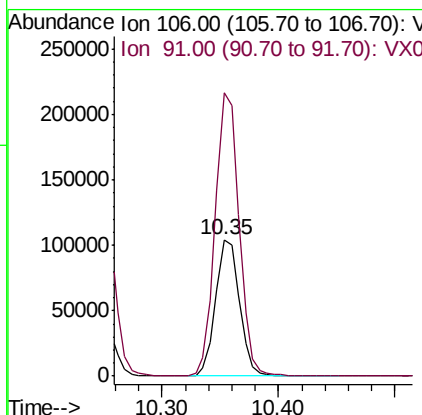
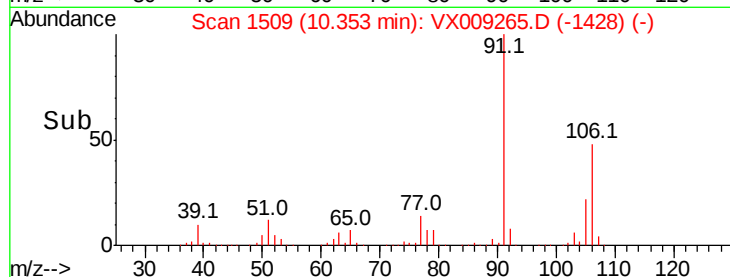
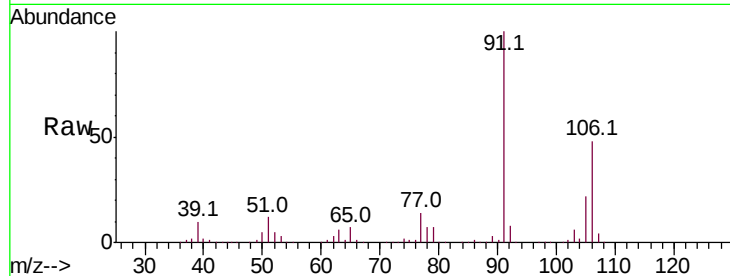
#67
m/p-Xvlenes
Concen: 41.294 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion:106 Resp: 147434
Ion Ratio Lower Upper
106 100
91 207.0 166.8 250.2

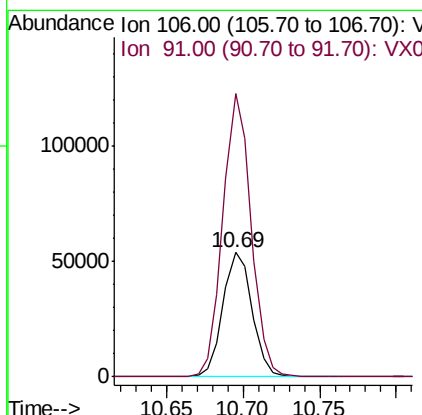
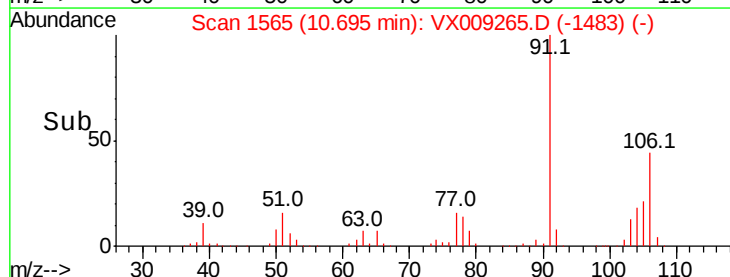
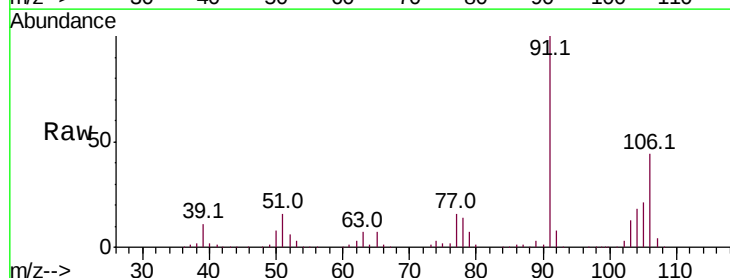
Manual Integrations
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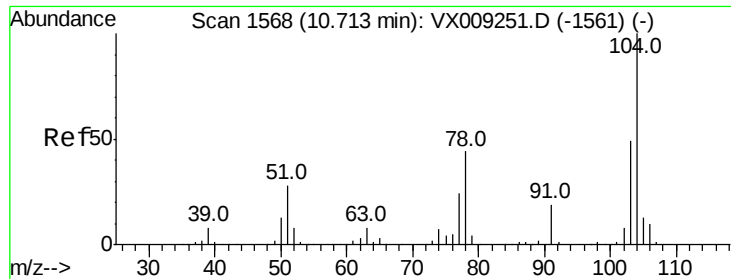
MMDadoda
5/3/2019 11:19:33 AM



#68
o-Xylene
Concen: 20.340 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion:106 Resp: 71407
Ion Ratio Lower Upper
106 100
91 220.4 110.8 332.3





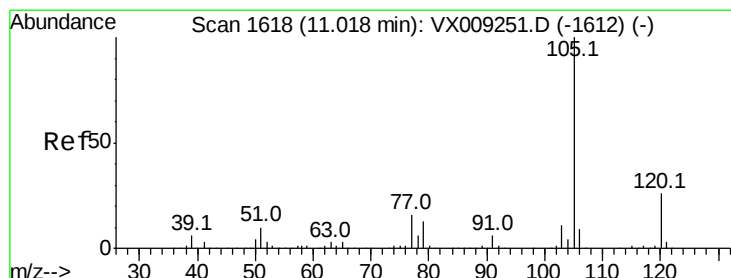
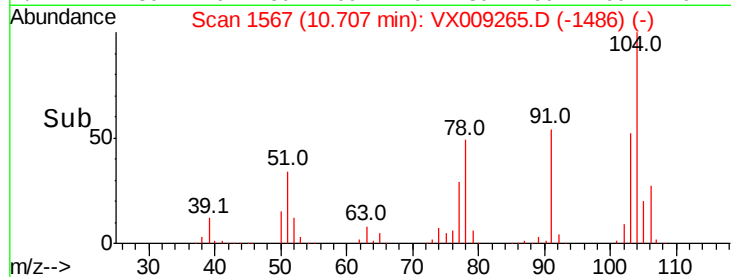
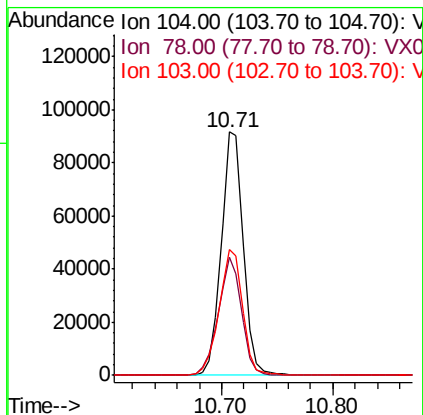
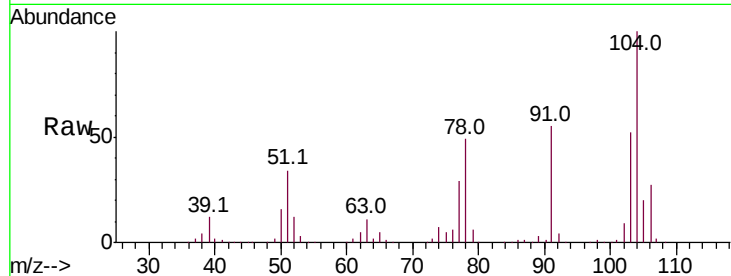
#69
Stvrene
Concen: 20.336 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.0	41.1	61.7
103	55.1	43.8	65.8

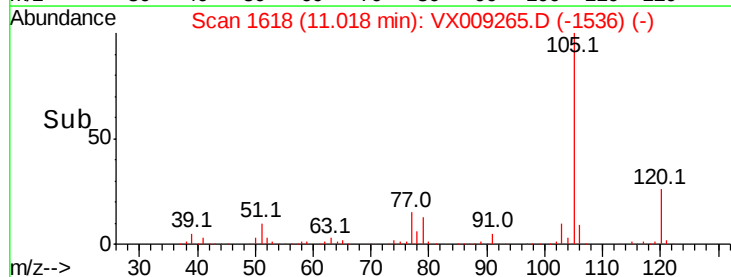
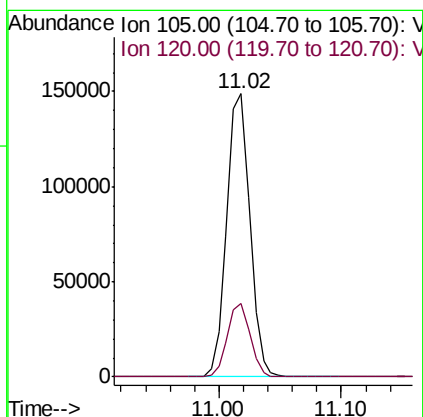
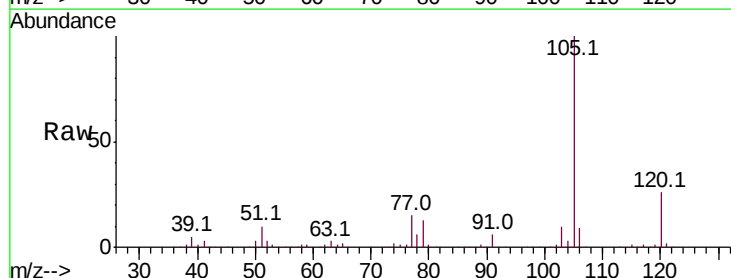
Manual Integrations
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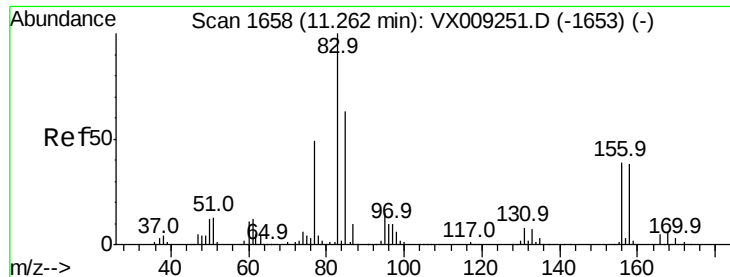
MMDadoda
5/3/2019 11:19:33 AM



#70
Isopropylbenzene
Concen: 20.641 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.1	33.7





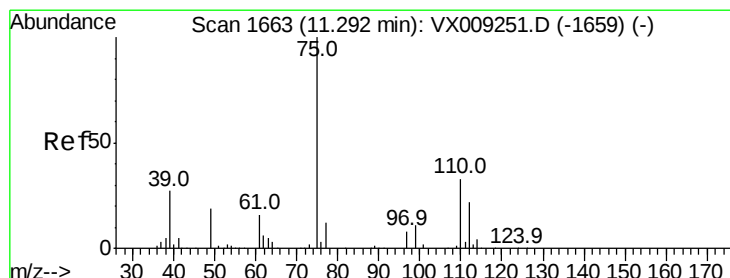
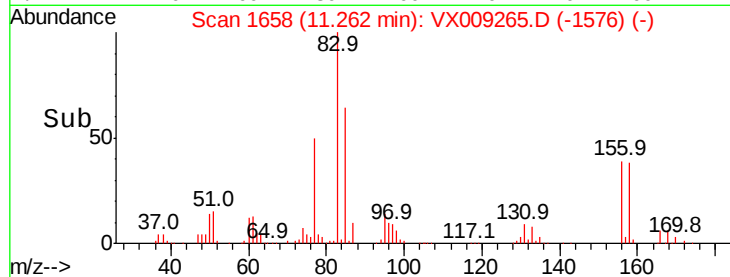
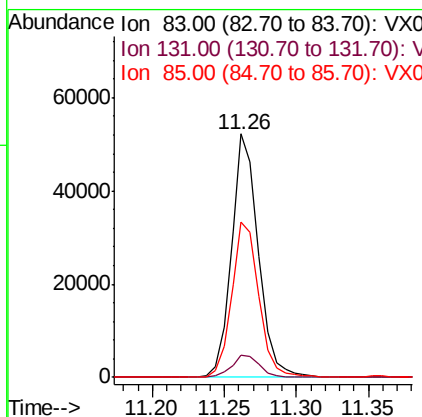
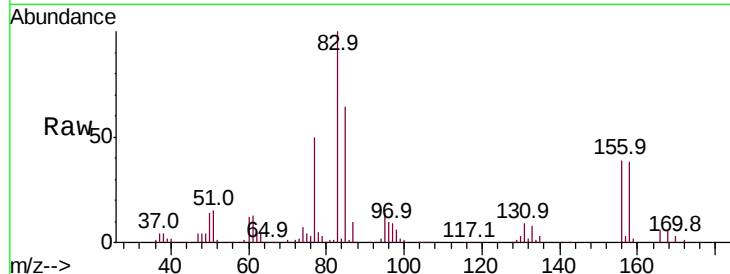
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.661 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	67982
Ion Ratio	100	Lower	Upper
131	9.5	4.7	14.0
85	65.0	32.4	97.2

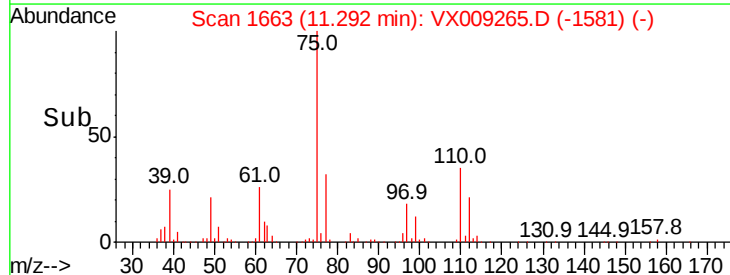
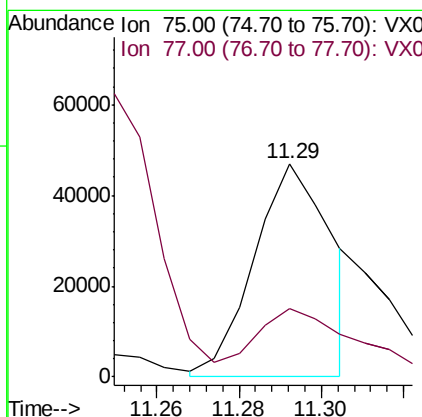
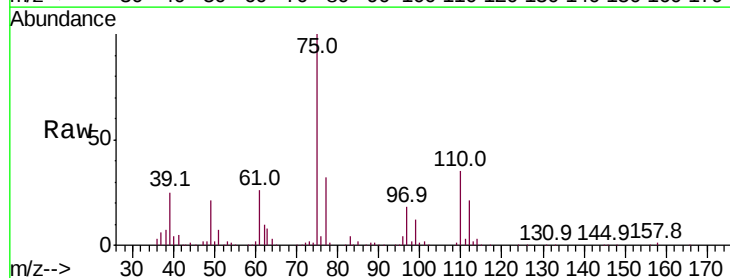
Manual Integrations
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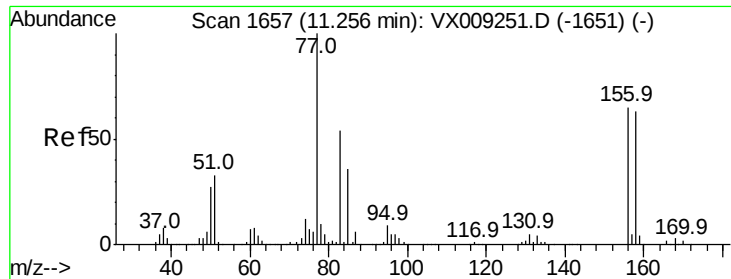
MMDadoda
 5/3/2019 11:19:33 AM



#72
 1,2,3-Trichloropropane
 Concen: 20.583 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion	75	Resp	61331
Ion Ratio	100	Lower	Upper
77	42.2	0.0	86.4





#73

Bromobenzene

Concen: 20.316 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

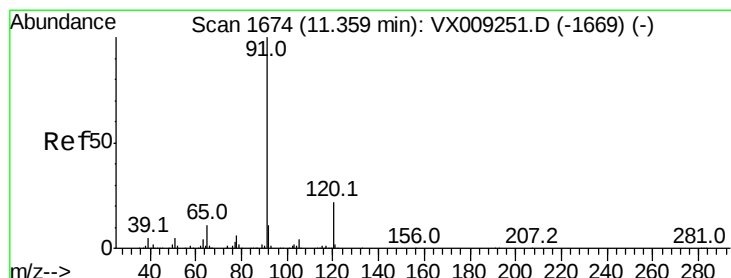
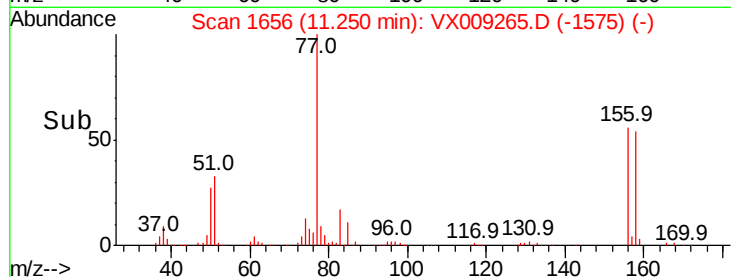
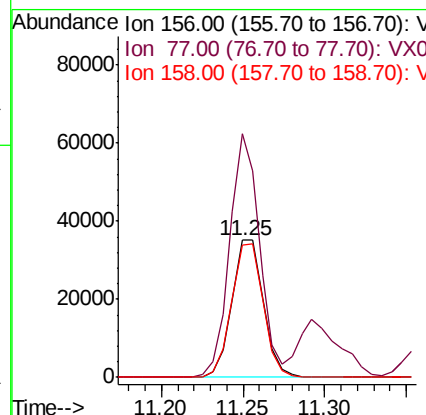
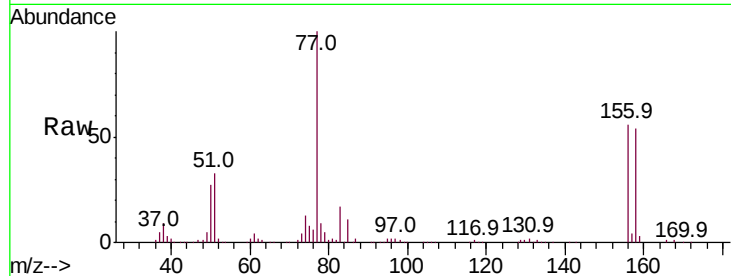
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.1	0.0	335.6
158	97.7	0.0	191.2

Manual Integrations
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#74

n-propylbenzene

Concen: 20.615 ug/l

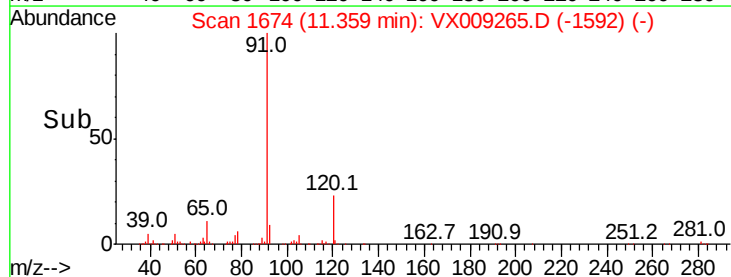
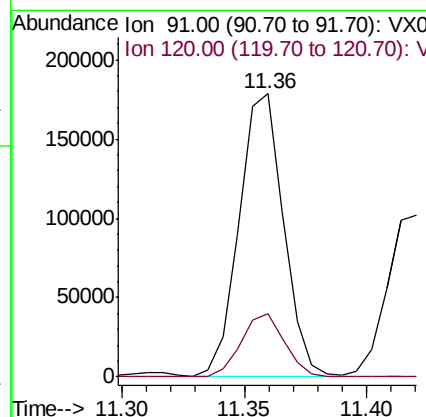
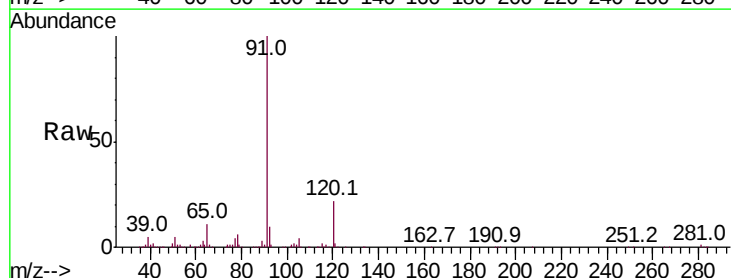
RT: 11.36 min Scan# 1674

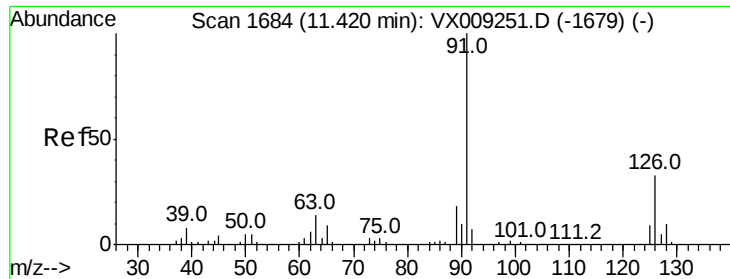
Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	0.0	43.4





#75

2-Chlorotoluene

Concen: 20.566 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 134961

Ion Ratio Lower Upper

91 100

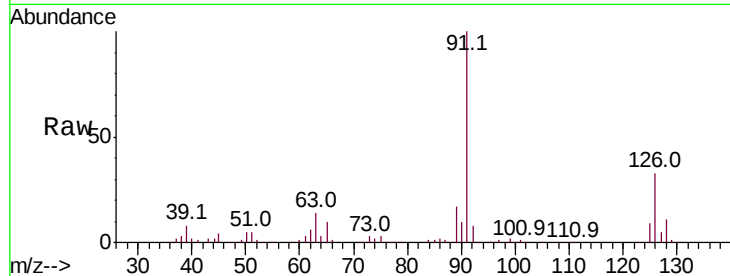
126 32.2 0.0 64.0

Manual Integrations

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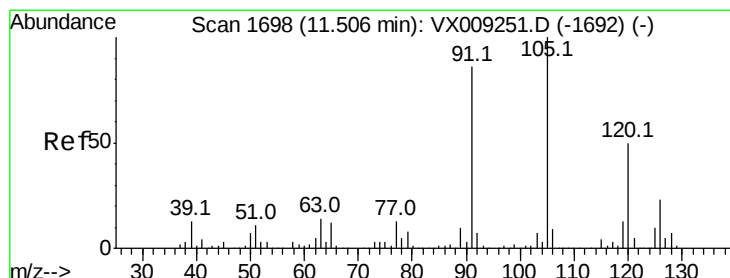
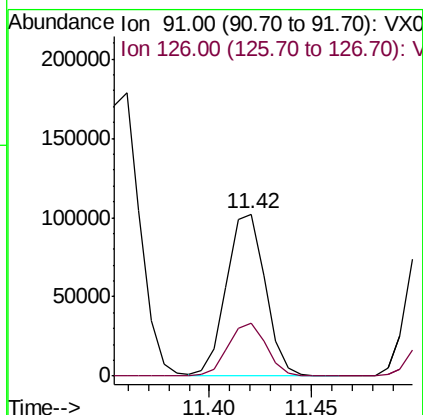
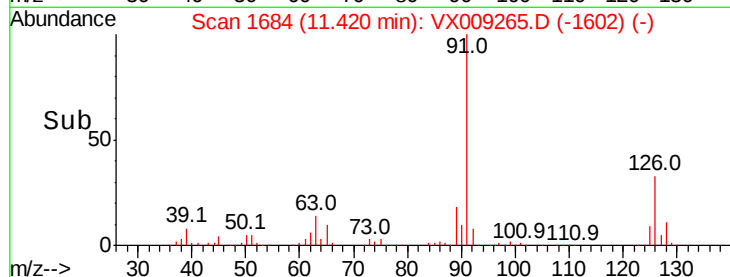
MMDadoda

5/3/2019 11:19:33 AM



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX009251.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.758 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009265.D

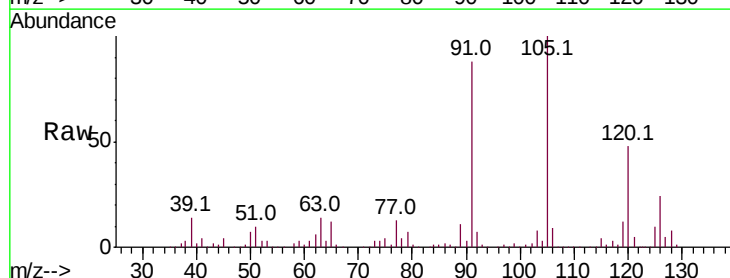
Acq: 02 May 2019 09:50

Tgt Ion: 105 Resp: 166014

Ion Ratio Lower Upper

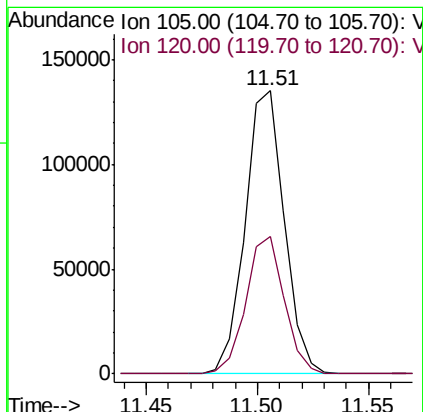
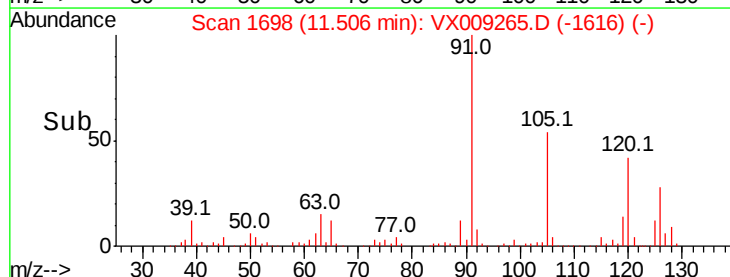
105 100

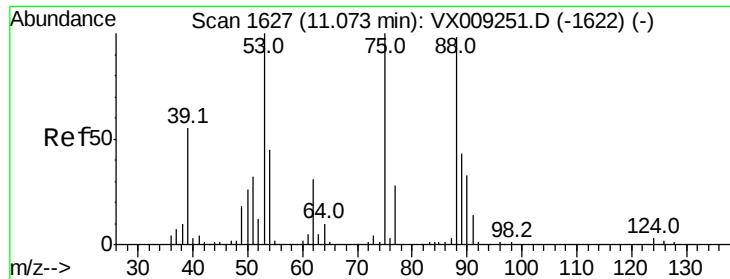
120 47.5 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009251.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009251.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.643 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

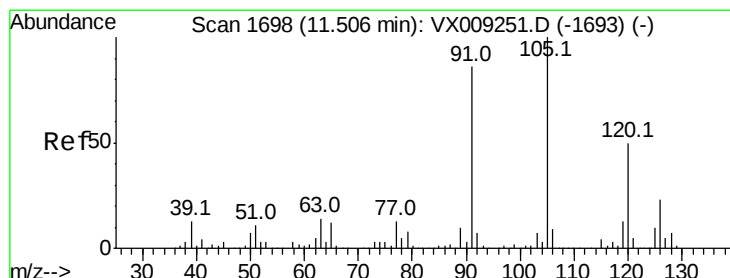
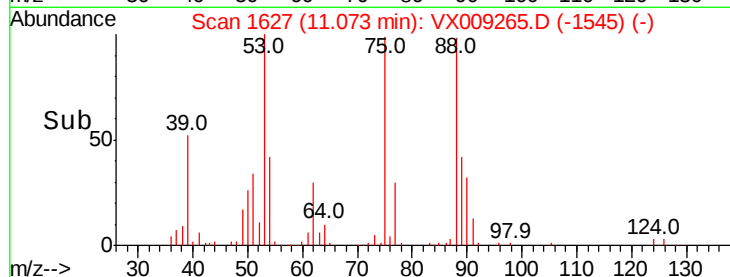
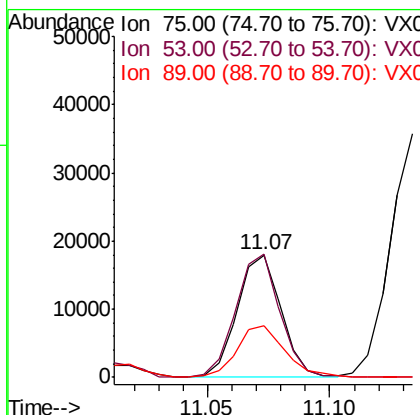
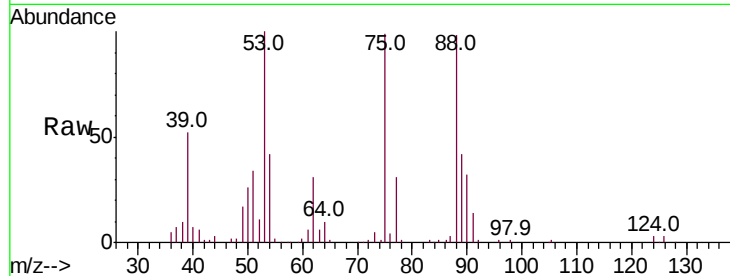
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	22407
Ion	Ratio	Lower	Upper
75	100		
53	100.7	50.0	149.8
89	42.2	21.6	65.0

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#78

4-Chlorotoluene

Concen: 20.424 ug/l

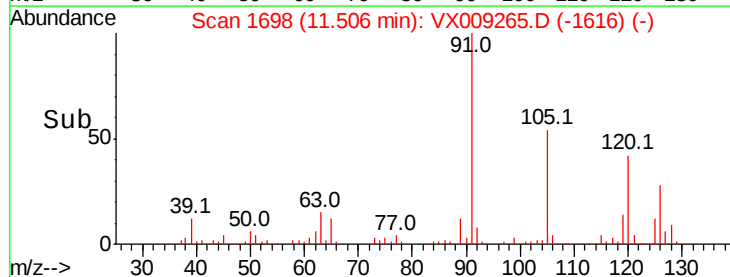
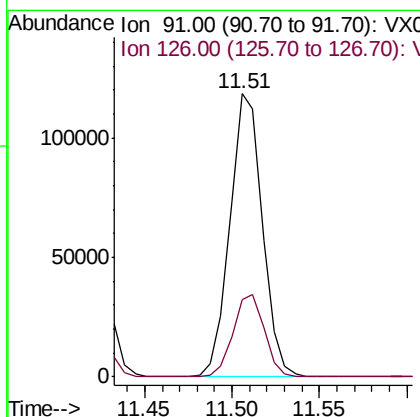
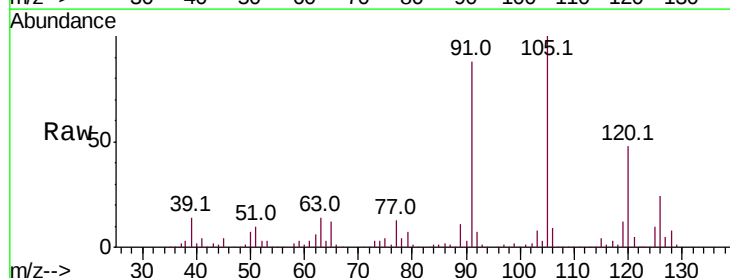
RT: 11.51 min Scan# 1698

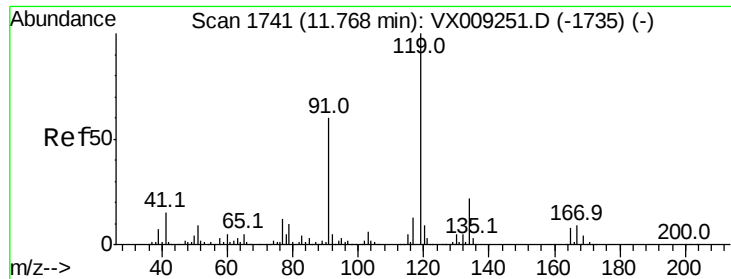
Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	91	Resp:	152229
Ion	Ratio	Lower	Upper
91	100		
126	28.5	0.0	57.0





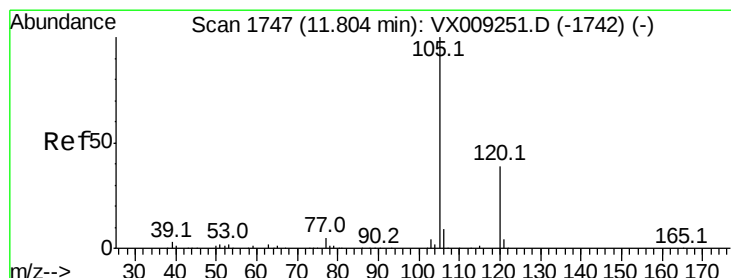
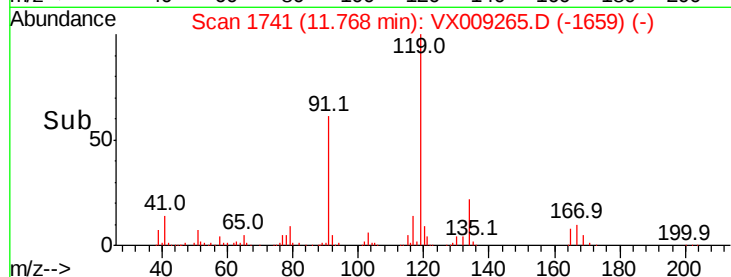
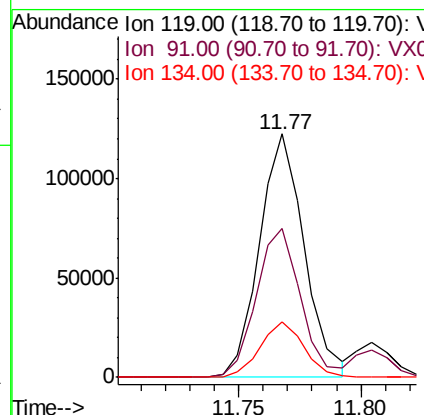
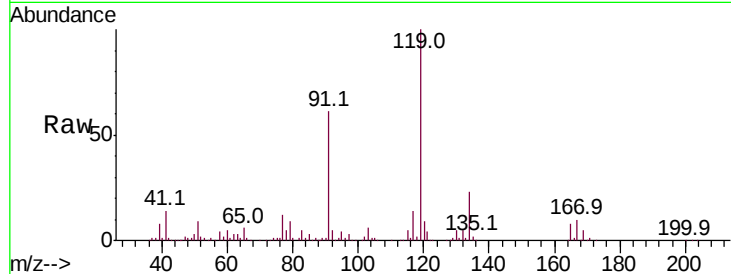
#79
tert-butylbenzene
Concen: 20.313 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157049		
91	60.7		0.0	118.2
134	22.1		0.0	45.0

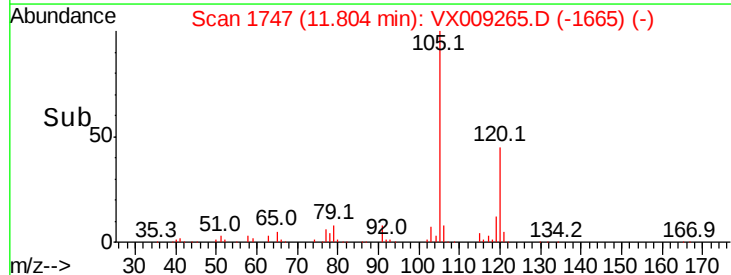
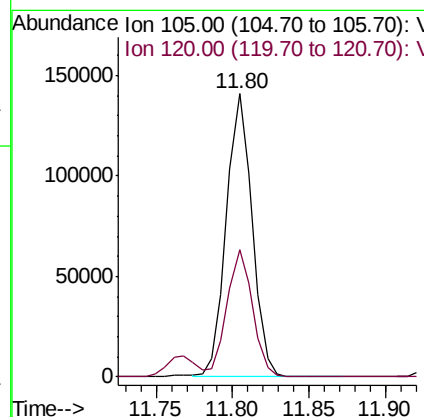
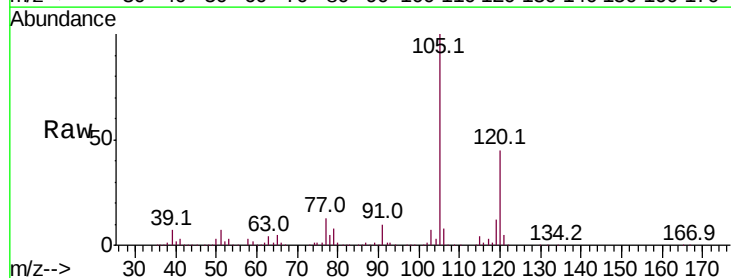
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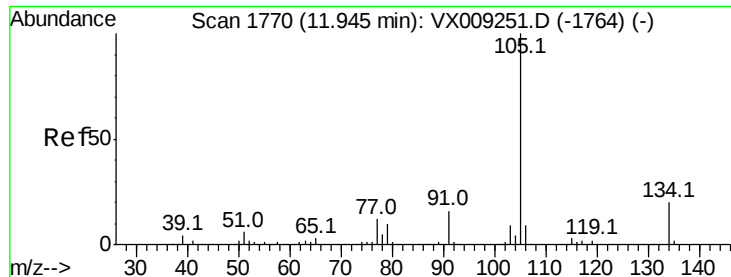
MMDadoda
5/3/2019 11:19:33 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.555 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164768		
120	44.6		0.0	89.6





#81

sec-Butylbenzene

Concen: 20.705 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:105 Resp: 190191

Ion Ratio Lower Upper

105 100

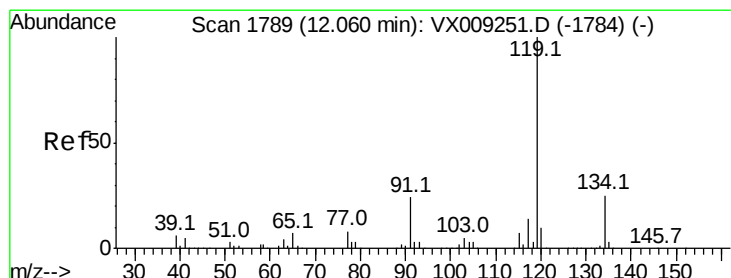
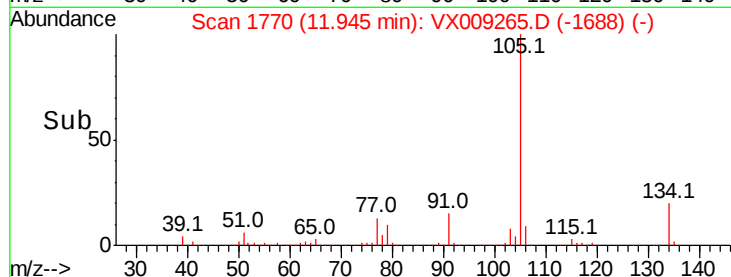
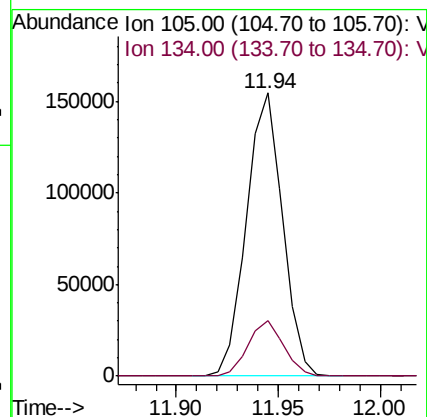
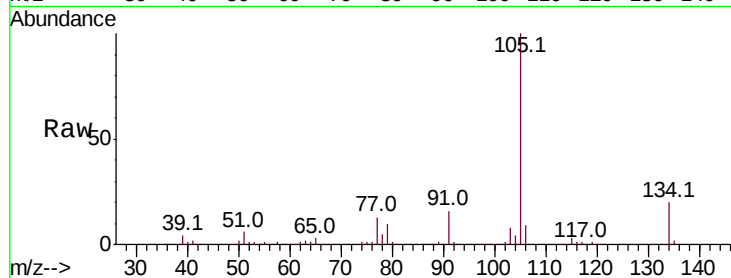
134 19.3 0.0 38.6

Manual Integrations

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#82

p-Isopropyltoluene

Concen: 20.631 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

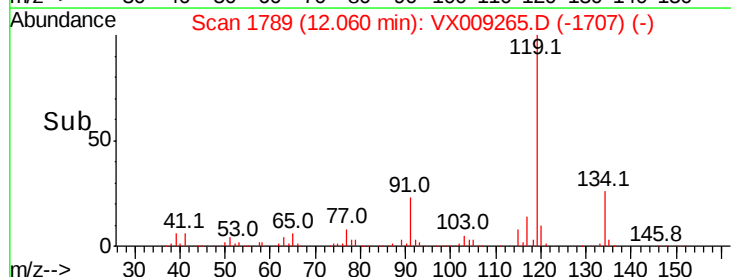
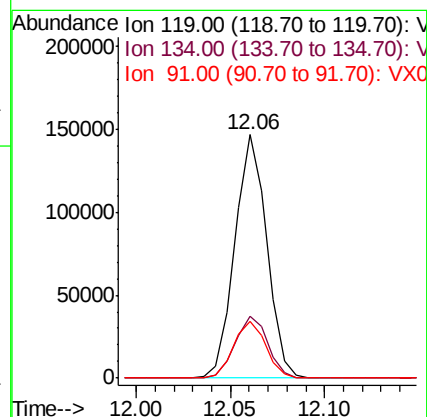
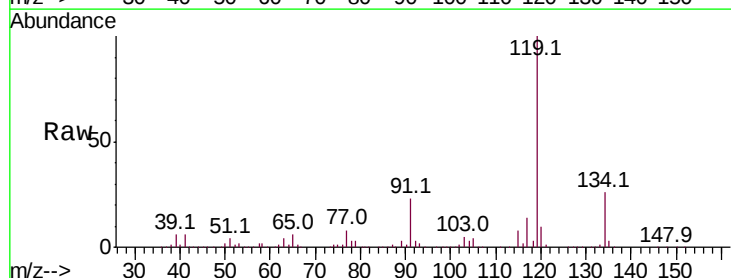
Tgt Ion:119 Resp: 172390

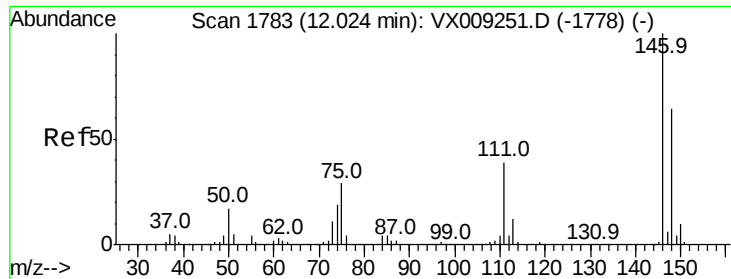
Ion Ratio Lower Upper

119 100

134 26.0 0.0 50.8

91 23.4 0.0 47.2





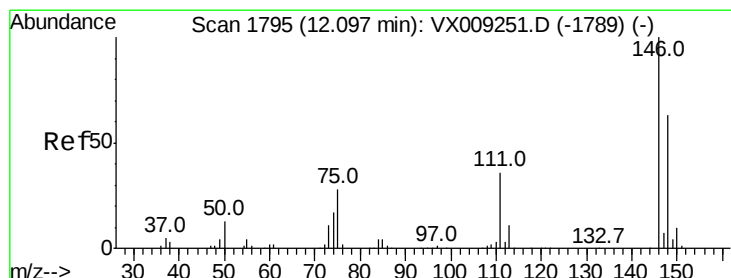
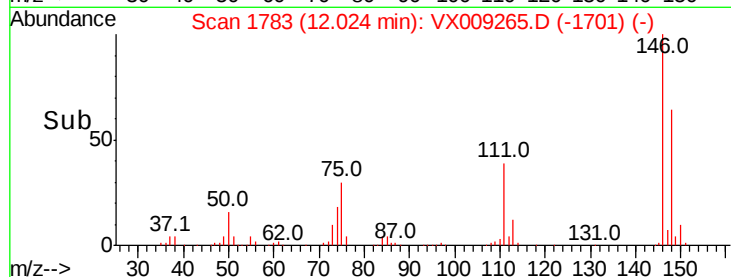
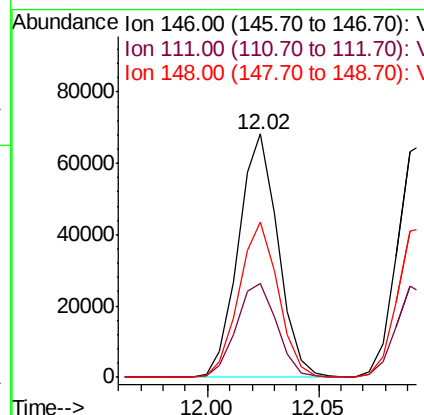
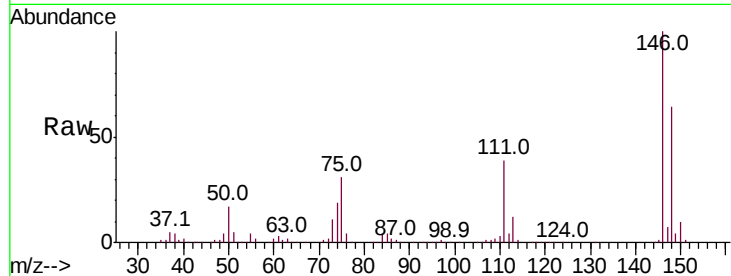
#83
 1,3-Dichlorobenzene
 Concen: 20.213 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	63.0	32.2	96.6

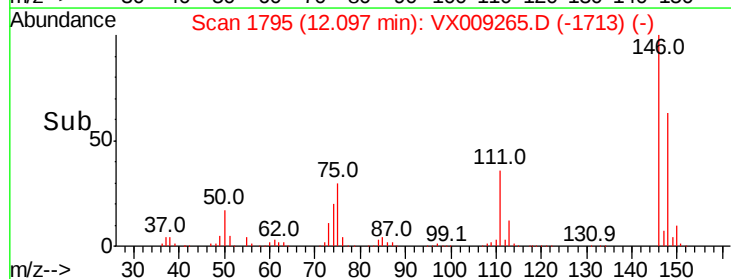
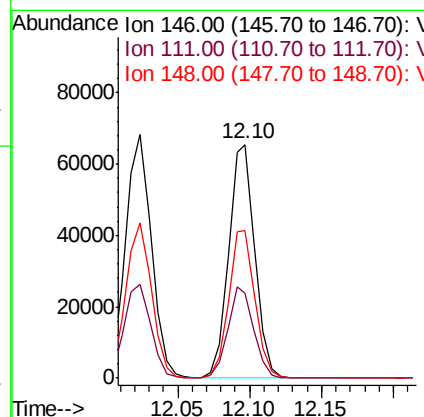
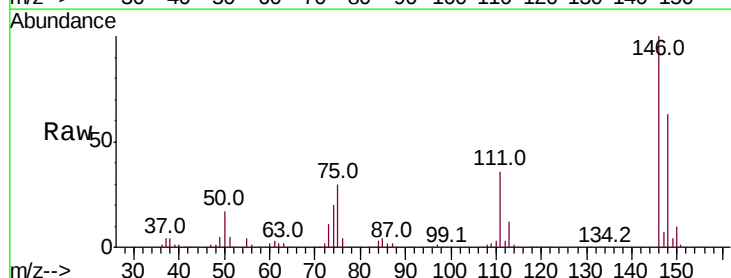
Manual Integrations
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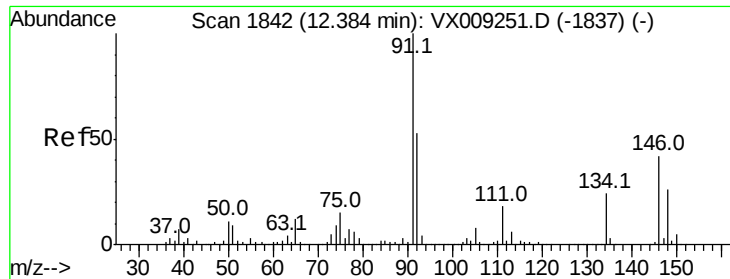
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 5/3/2019 11:19:33 AM



#84
 1,4-Dichlorobenzene
 Concen: 20.098 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	63.2	32.3	96.8





#85

n-Butylbenzene

Concen: 20.680 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

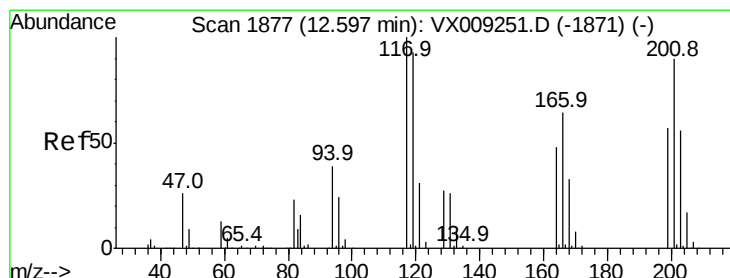
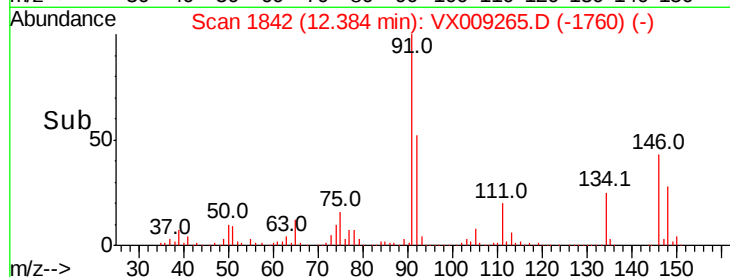
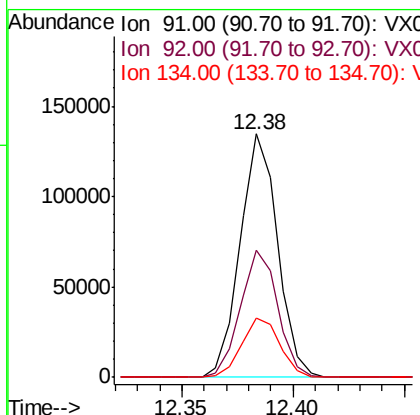
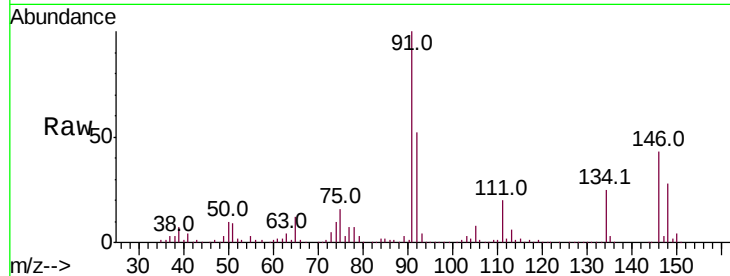
ClientSampled :

VSTDCCC020

Tot Ion:	91	Resp:	158112
Ion Ratio	Lower	Upper	
91	100		
92	52.1	0.0	106.6
134	24.9	0.0	50.0

Manual Integrations
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#86

Hexachloroethane

Concen: 19.175 ug/l

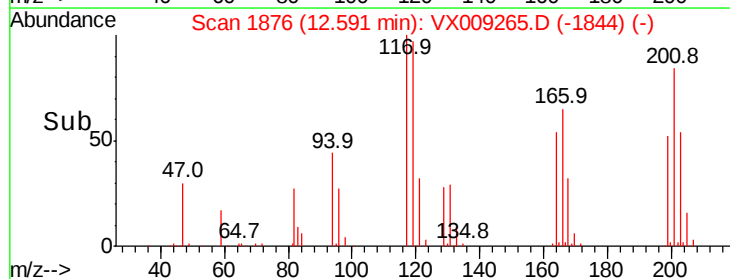
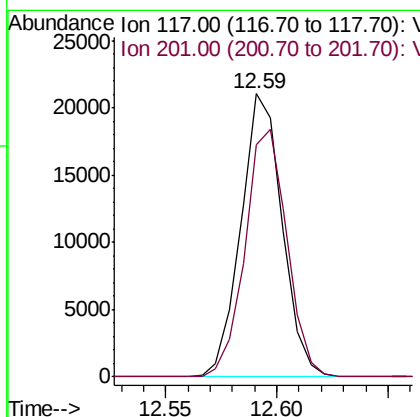
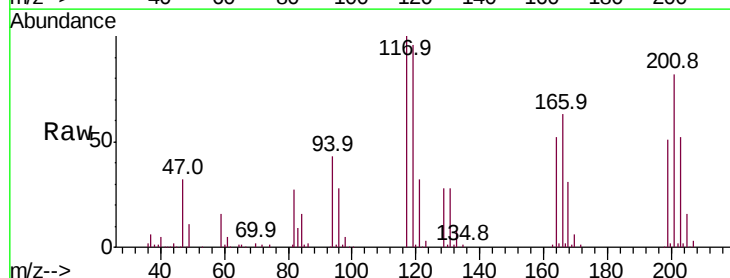
RT: 12.59 min Scan# 1876

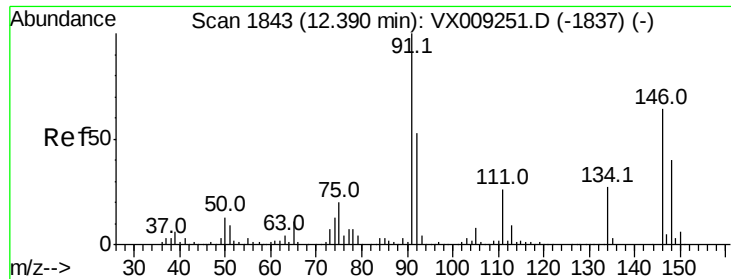
Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Tgt Ion:	117	Resp:	27263
Ion Ratio	Lower	Upper	
117	100		
201	88.5	41.8	125.4





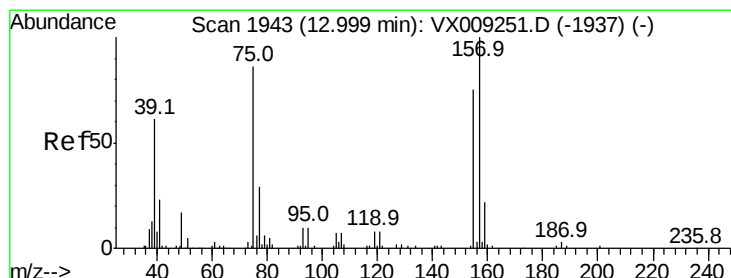
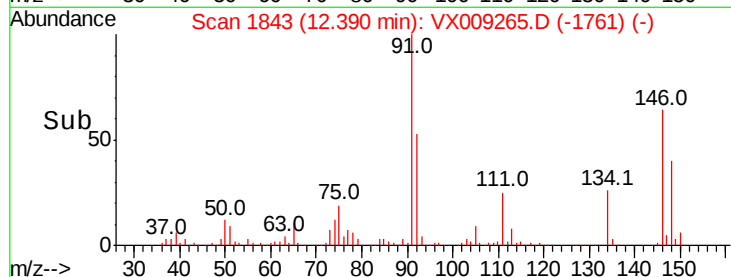
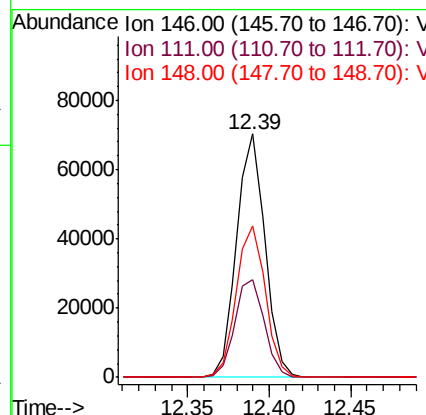
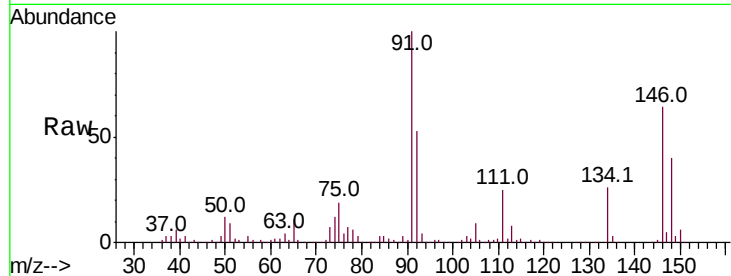
#87
 1,2-Dichlorobenzene
 Concen: 20.306 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.2
148	63.9	31.4	94.3

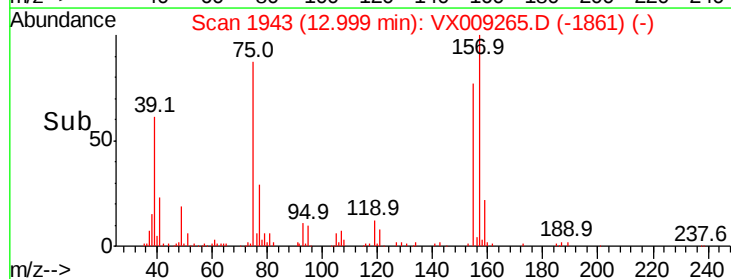
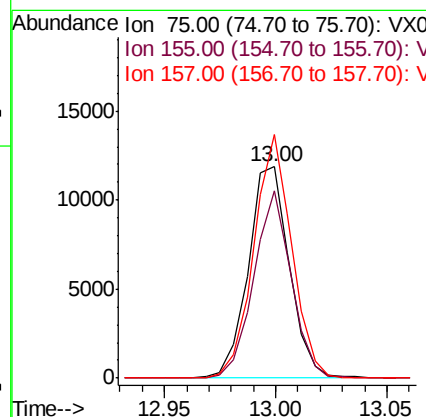
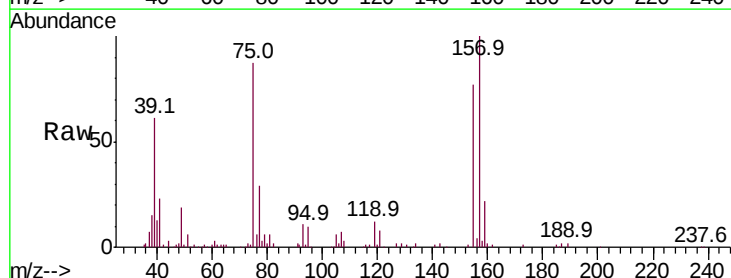
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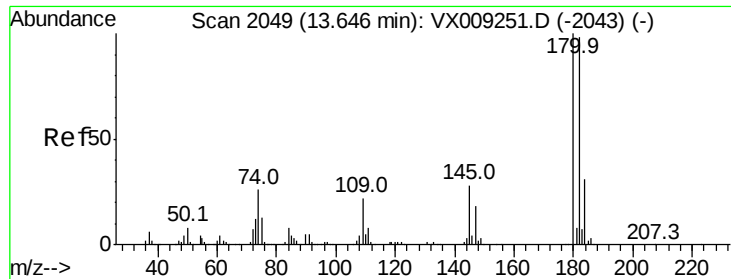
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.062 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	65.9	98.9
157	105.9	85.2	127.8





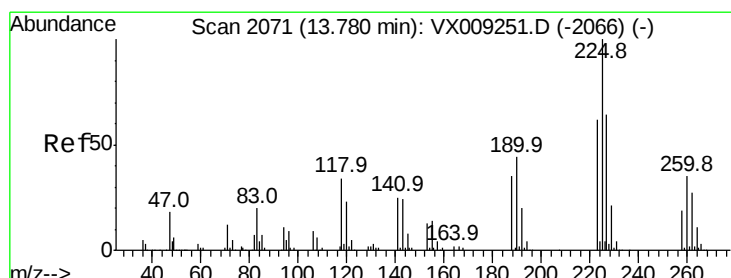
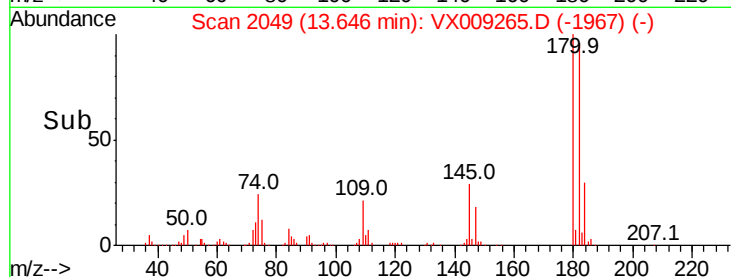
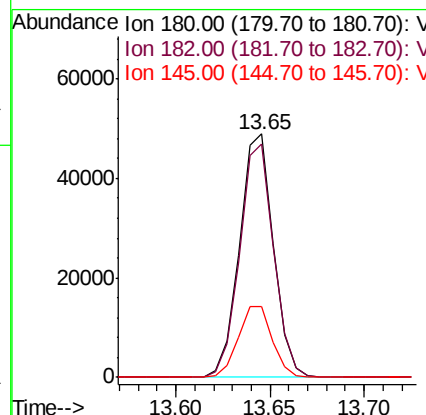
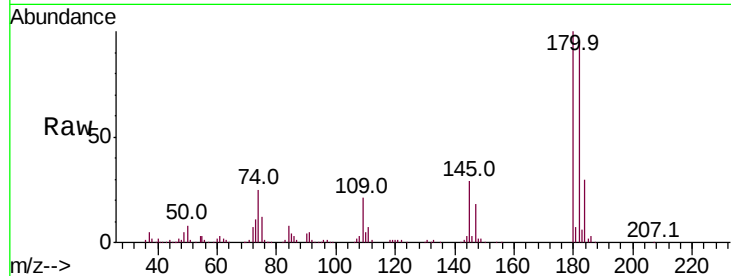
#89
 1,2,4-Trichlorobenzene
 Concen: 20.413 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.9	115.3
145	29.5	23.0	34.6

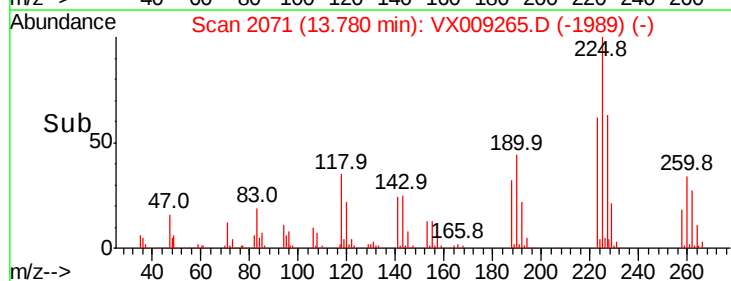
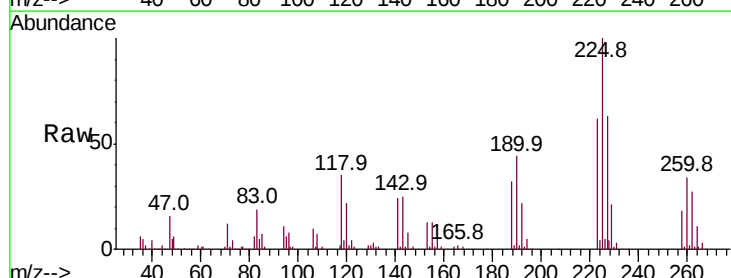
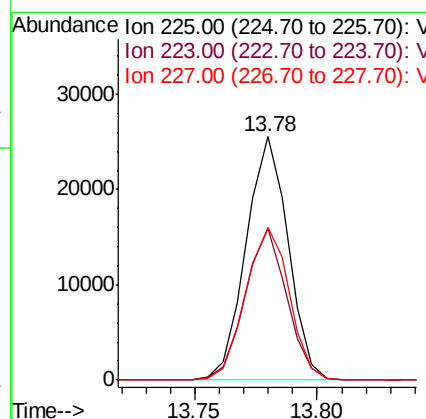
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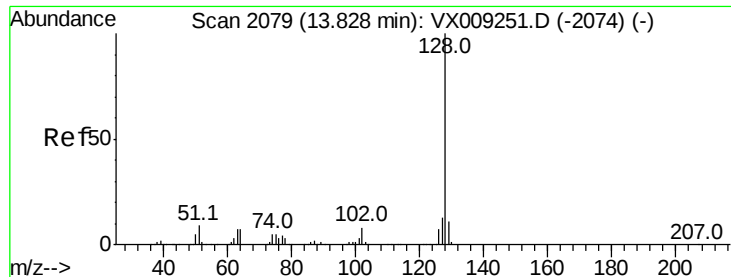
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#90
 Hexachlorobutadiene
 Concen: 20.528 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	126.6
227	65.0	0.0	130.0





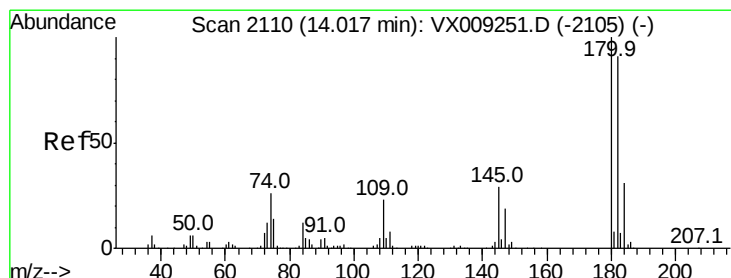
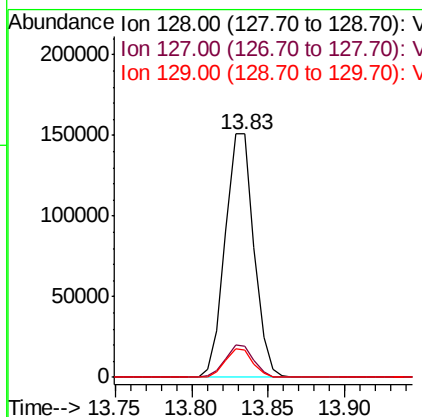
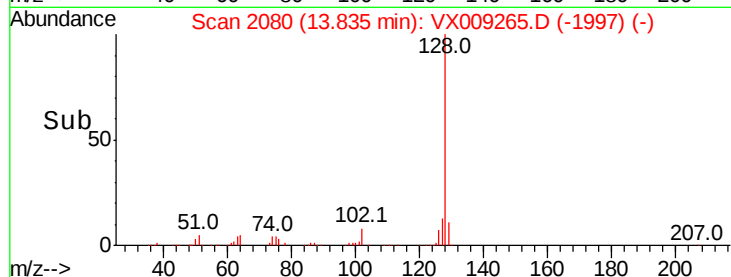
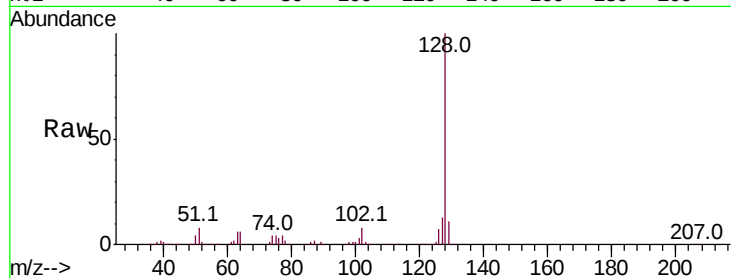
#91
Naphthalene
Concen: 20.166 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 20.699 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	0.0	189.0
145	31.1	0.0	61.6

