

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010374.D
 Acq On : 21 Jun 2019 10:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 11:22:58 AM

Quant Time: Jun 21 23:22:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	290656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	423551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199330	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129978	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.49	113	128990	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	8.71	98	492324	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	175463	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101451	50.205	ug/l	99
3) Chloromethane	1.32	50	111867	47.542	ug/l	100
4) Vinyl Chloride	1.41	62	123732	48.009	ug/l	100
5) Bromomethane	1.64	94	58194	46.348	ug/l	99
6) Chloroethane	1.71	64	74423	48.945	ug/l	98
7) Trichlorofluoromethane	1.93	101	207771	50.855	ug/l	99
8) Diethyl Ether	2.19	74	73650	50.268	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	127482	51.490	ug/l	99
10) Methyl Iodide	2.51	142	155298	43.951	ug/l	100
11) Tert butyl alcohol	3.05	59	154074	216.064	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123829	49.151	ug/l	99
13) Acrolein	2.29	56	113918	240.817	ug/l	100
14) Allyl chloride	2.73	41	184769	51.658	ug/l	99
15) Acrylonitrile	3.14	53	349781	247.748	ug/l	100
16) Acetone	2.44	43	360216	263.744	ug/l	100
17) Carbon Disulfide	2.57	76	334848	49.541	ug/l	98
18) Methyl Acetate	2.77	43	132332	48.614	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	400566	50.541	ug/l	97
20) Methylene Chloride	2.85	84	140353	49.935	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	135050	49.842	ug/l	98
22) Diisopropyl ether	3.85	45	379578	50.758	ug/l	90
23) Vinyl Acetate	3.81	43	1699390	263.050	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216911	50.180	ug/l	99
25) 2-Butanone	4.67	43	509854	254.491	ug/l	98
26) 2,2-Dichloropropane	4.58	77	199638	53.165	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	158908	50.751	ug/l	100
28) Bromochloromethane	5.01	49	98506	47.663	ug/l	100
29) Tetrahydrofuran	5.12	42	302111	243.454	ug/l	99
30) Chloroform	5.21	83	234300	50.377	ug/l	99
31) Cyclohexane	5.57	56	203709	51.750	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	210804	51.331	ug/l	100
36) 1,1-Dichloropropene	5.80	75	175763	52.221	ug/l	100
37) Ethyl Acetate	4.83	43	178724	51.616	ug/l	100
38) Carbon Tetrachloride	5.78	117	192470	52.808	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239392	54.110	ug/l	98
40) Benzene	6.14	78	545469	52.019	ug/l	99
41) Methacrylonitrile	5.04	41	97962	51.563	ug/l	98
42) 1,2-Dichloroethane	6.18	62	169190	53.005	ug/l	99
43) Isopropyl Acetate	6.44	43	302151	52.743	ug/l	99
44) Trichloroethene	7.21	130	164411	52.399	ug/l	100
45) 1,2-Dichloropropane	7.51	63	137474	51.916	ug/l	99
46) Dibromomethane	7.66	93	99523	52.384	ug/l	99
47) Bromodichloromethane	7.90	83	185977	53.415	ug/l	100
48) Methyl methacrylate	7.76	41	141616	53.183	ug/l	99
49) 1,4-Dioxane	7.74	88	73852	962.760	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	946920	258.446	ug/l	99
52) Toluene	8.78	92	363971	52.708	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	212970	54.558	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	231929	54.674	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	147269	51.711	ug/l	99
56) Ethyl methacrylate	9.18	69	228920	53.062	ug/l	99
57) 1,3-Dichloropropane	9.37	76	226950	51.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	587102	286.538	ug/l	99
59) 2-Hexanone	9.49	43	730687	253.393	ug/l	100
60) Dibromochloromethane	9.58	129	168853	52.953	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160517	52.218	ug/l	100
64) Tetrachloroethene	9.34	164	157988	51.198	ug/l	97
65) Chlorobenzene	10.13	112	406280	52.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	153570	54.431	ug/l	100
67) Ethyl Benzene	10.25	91	689582	52.735	ug/l	100
68) m/p-Xylenes	10.35	106	541065	106.788	ug/l	99
69) o-Xylene	10.69	106	261553	52.493	ug/l	99
70) Styrene	10.71	104	448387	53.660	ug/l	100
71) Bromoform	10.85	173	135997	55.430	ug/l	100
73) Isopropylbenzene	11.02	105	700364	51.832	ug/l	99
74) N-amyl acetate	10.90	43	267926	52.467	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	224504	50.170	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185999m	51.207	ug/l	
77) Bromobenzene	11.26	156	190469	50.483	ug/l	100
78) n-propylbenzene	11.36	91	795988	53.600	ug/l	100
79) 2-Chlorotoluene	11.42	91	455005	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	587119	52.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80368	51.617	ug/l	99
82) 4-Chlorotoluene	11.51	91	531425	52.813	ug/l	99
83) tert-Butylbenzene	11.77	119	588623	52.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	595431	53.205	ug/l	99
85) sec-Butylbenzene	11.94	105	700378	53.354	ug/l	100
86) p-Isopropyltoluene	12.06	119	654121	53.872	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	342757	52.044	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	339699	50.665	ug/l	99
89) n-Butylbenzene	12.38	91	575248	55.753	ug/l	100
90) Hexachloroethane	12.59	117	116940	55.698	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	329159	50.287	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47163	48.884	ug/l	98

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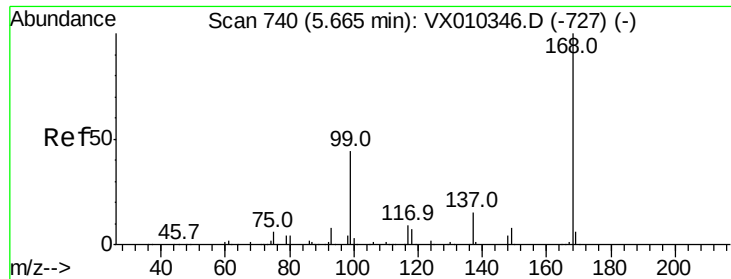
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	247799	54.590	ug/l	98
94) Hexachlorobutadiene	13.78	225	119456	53.845	ug/l	99
95) Naphthalene	13.83	128	737715	52.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	242982	53.838	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 290656

Ion Ratio Lower Upper

168 100

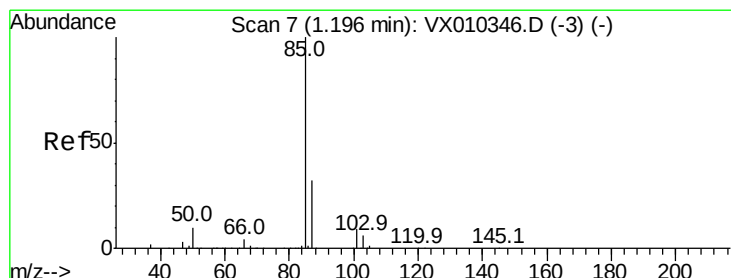
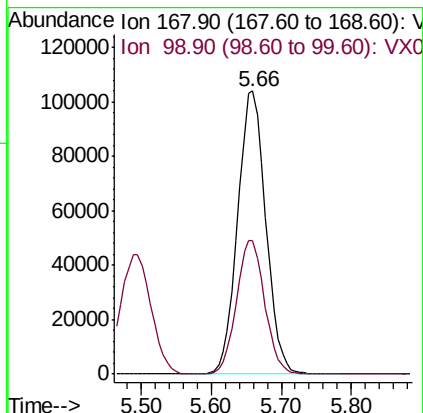
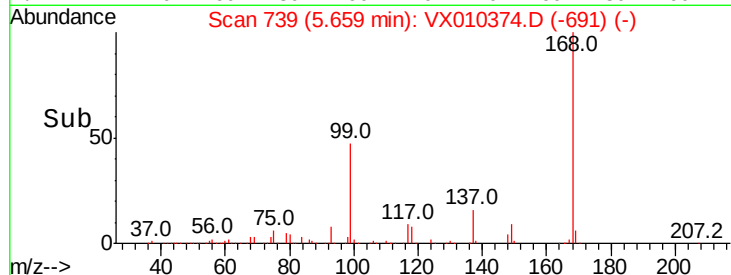
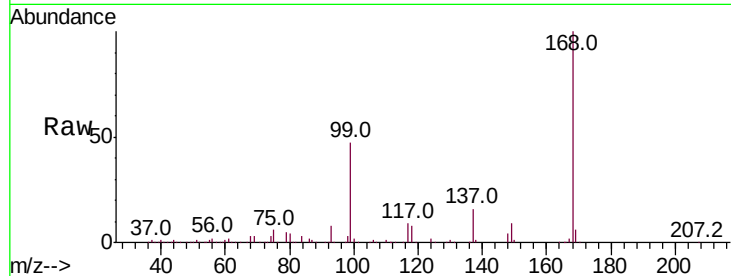
99 47.1 35.5 53.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.205 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010374.D

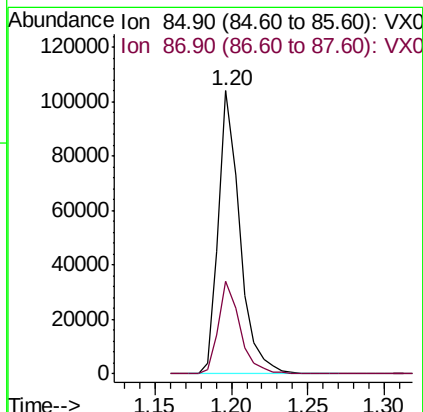
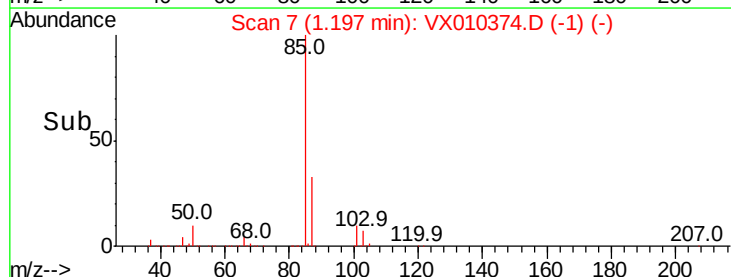
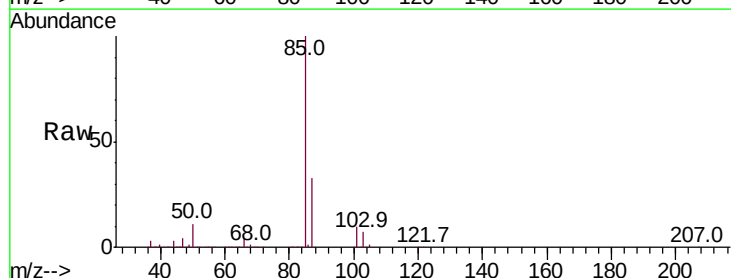
Acq: 21 Jun 2019 10:35

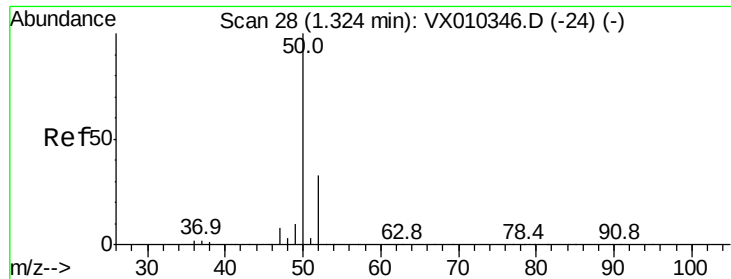
Tgt Ion: 85 Resp: 101451

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8





#3

Chloromethane

Concen: 47.542 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 111867

Ion Ratio Lower Upper

50 100

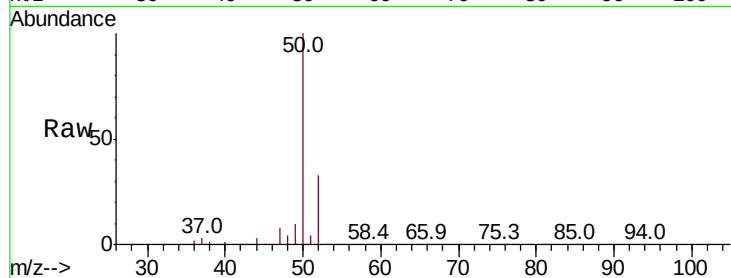
52 32.9 26.5 39.7

Manual Integrations

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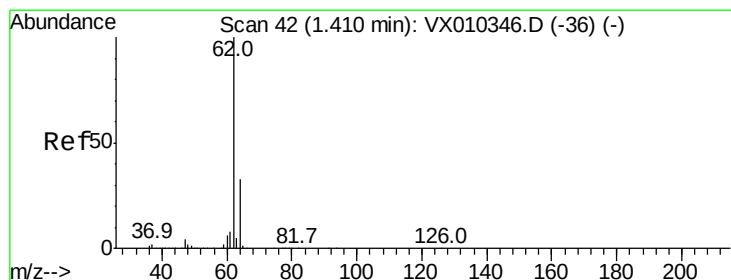
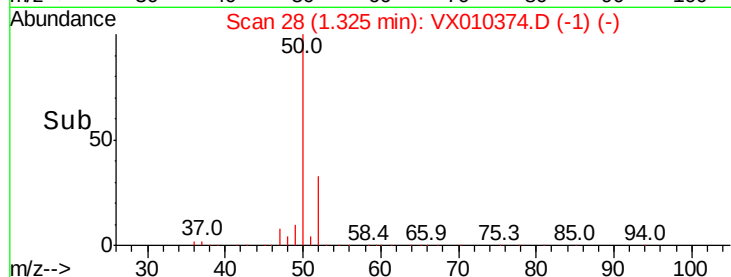
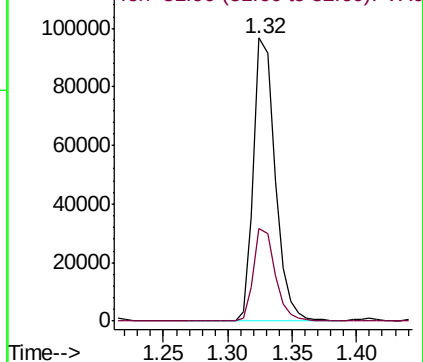
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.009 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010374.D

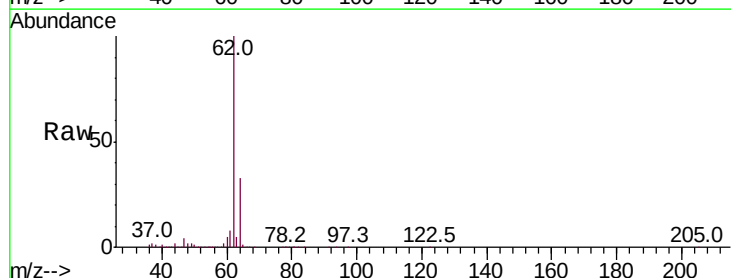
Acq: 21 Jun 2019 10:35

Tgt Ion: 62 Resp: 123732

Ion Ratio Lower Upper

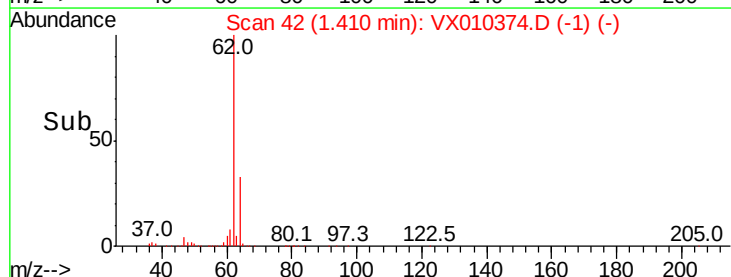
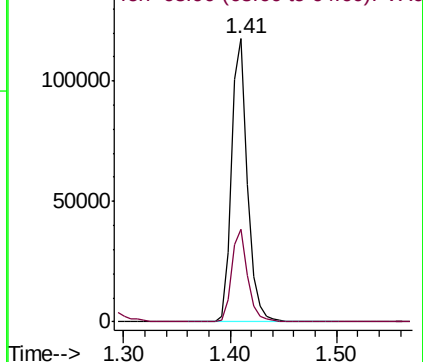
62 100

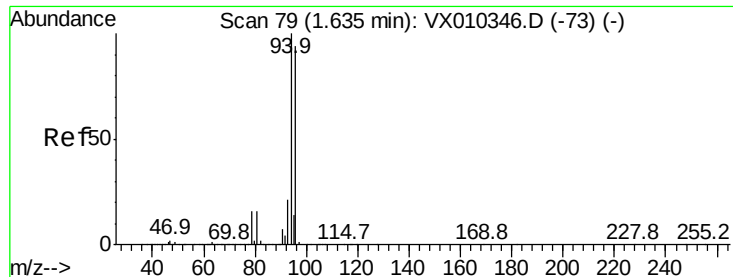
64 32.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.348 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 58194

Ion Ratio Lower Upper

94 100

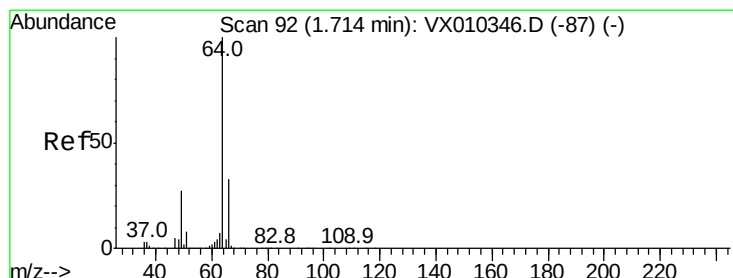
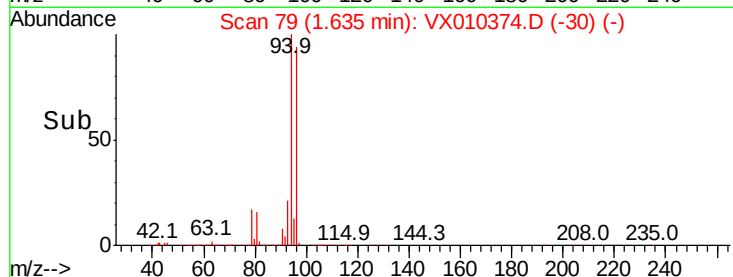
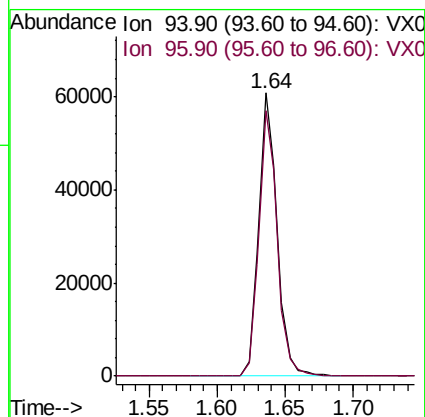
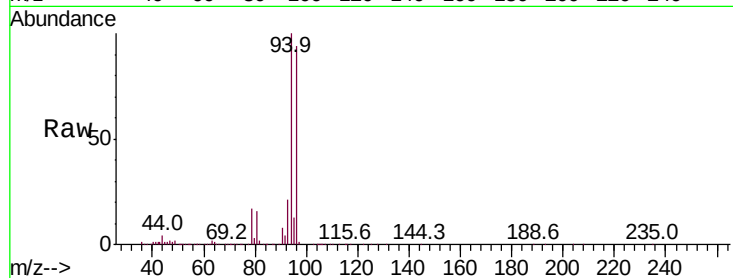
96 93.8 75.5 113.3

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#6

Chloroethane

Concen: 48.945 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010374.D

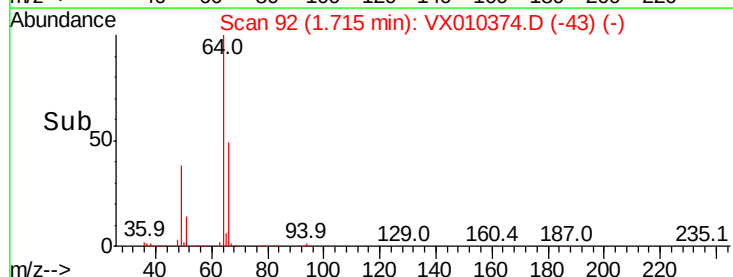
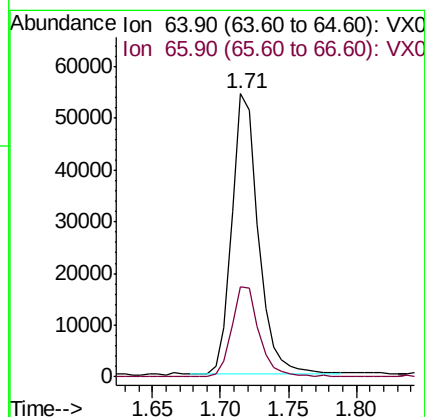
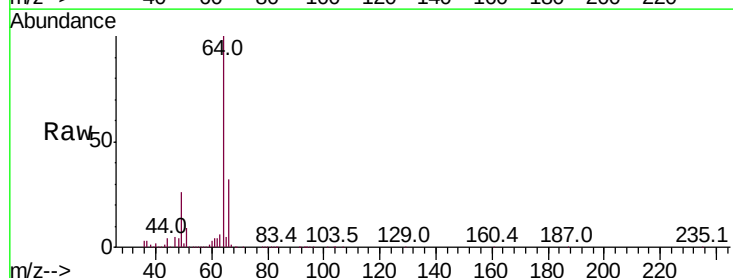
Acq: 21 Jun 2019 10:35

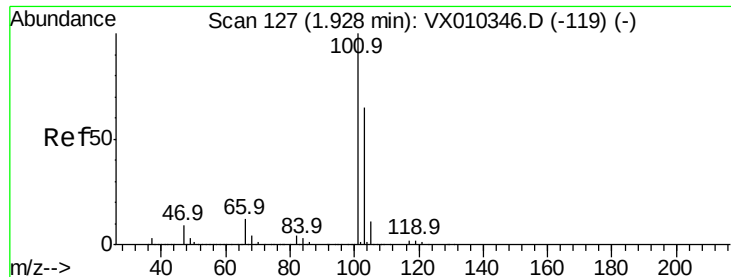
Tgt Ion: 64 Resp: 74423

Ion Ratio Lower Upper

64 100

66 32.0 26.6 40.0





#7

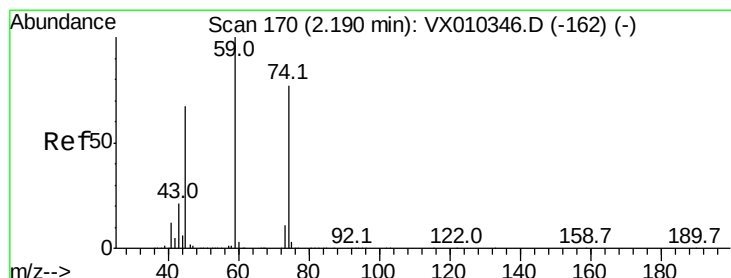
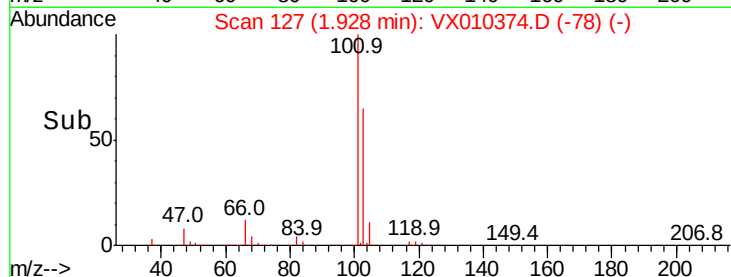
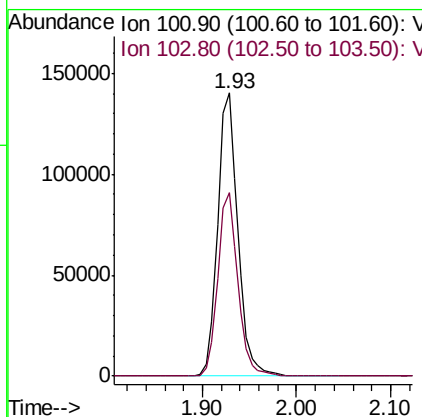
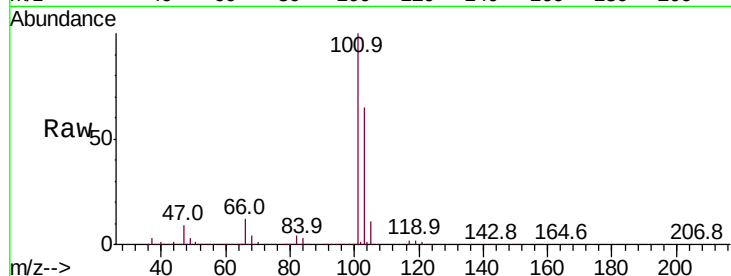
Trichlorofluoromethane
Concen: 50.855 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

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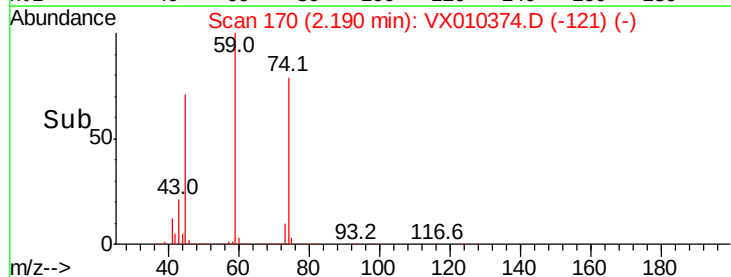
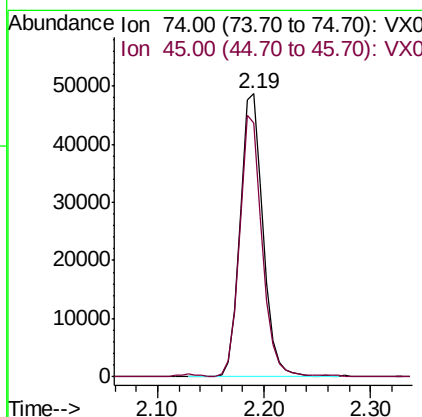
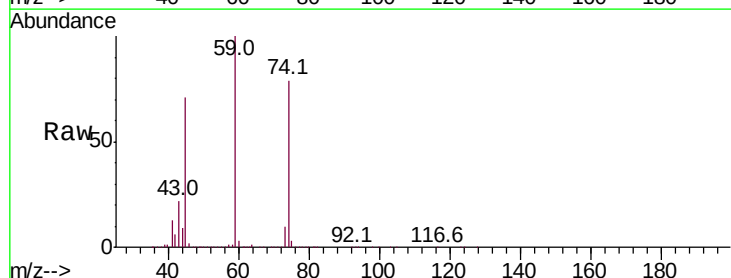
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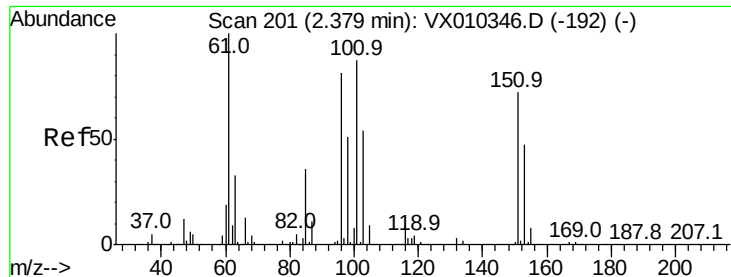


#8

Diethyl Ether
Concen: 50.268 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	44.8	134.4





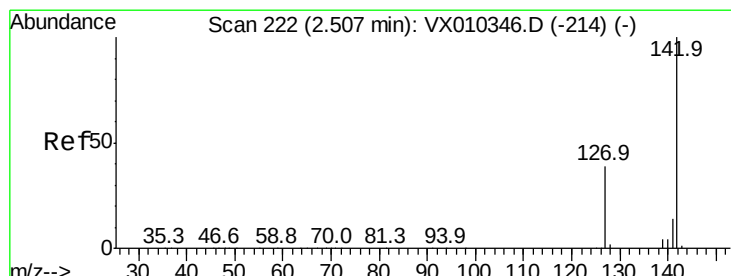
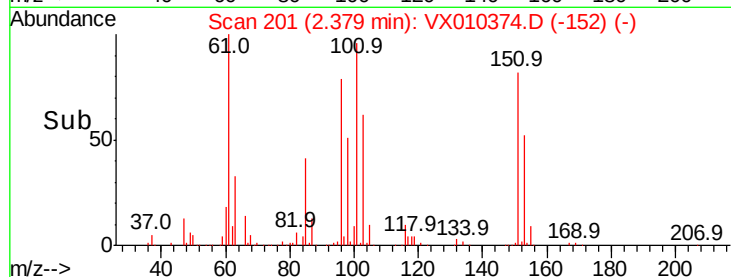
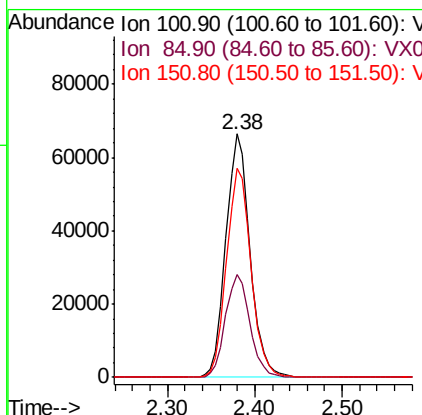
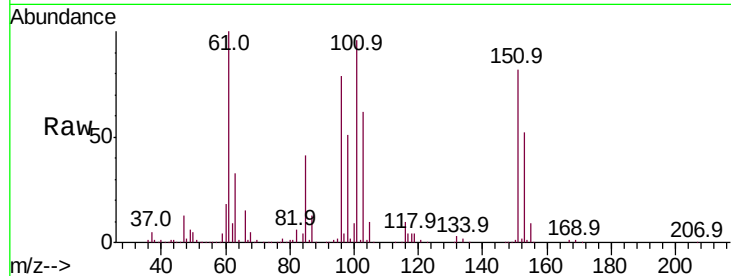
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.490 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.7	50.5
151	87.3	70.1	105.1

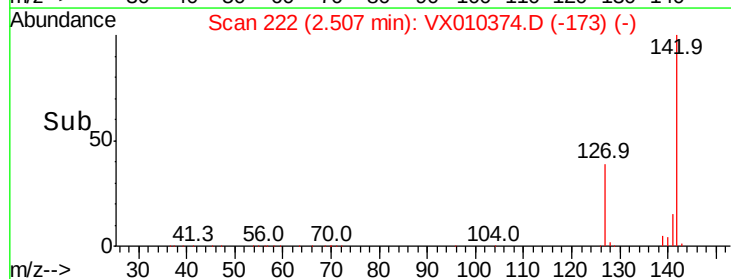
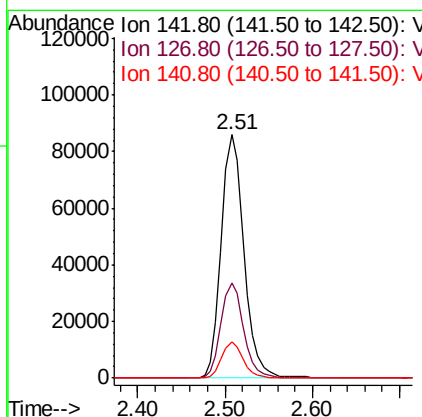
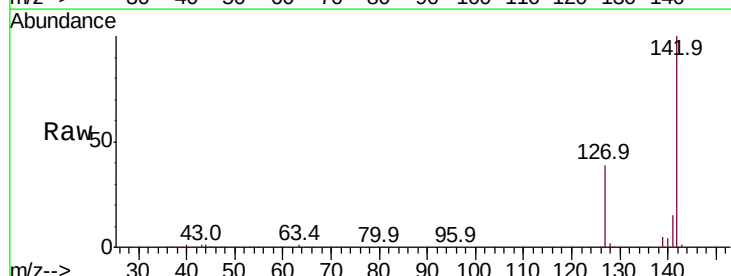
Manual Integrations
APPROVED

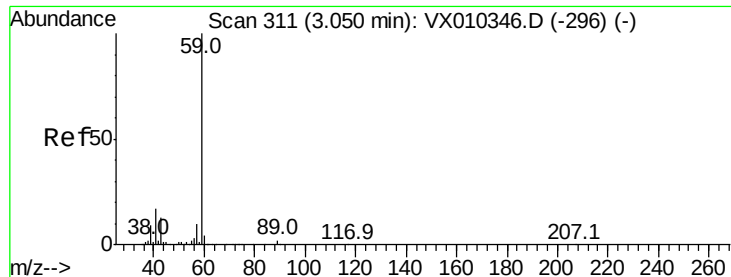
MMDadoda
6/24/2019 11:22:58 AM



#10
Methyl Iodide
Concen: 43.951 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.1	31.1	46.7
141	14.2	11.2	16.8





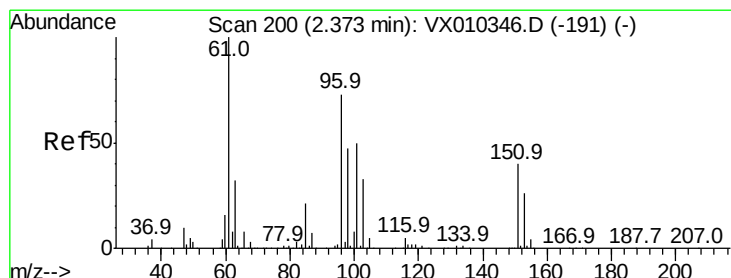
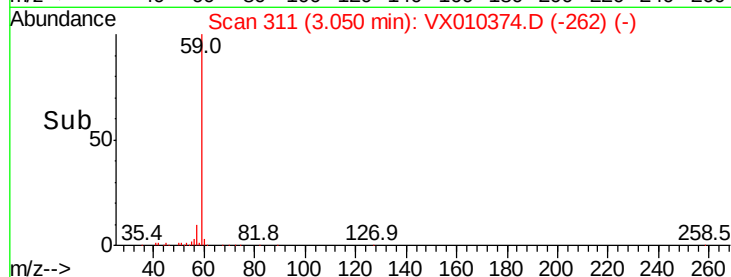
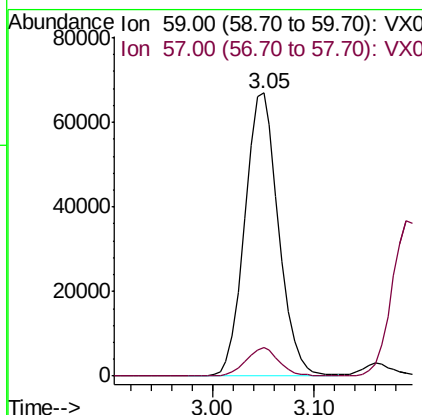
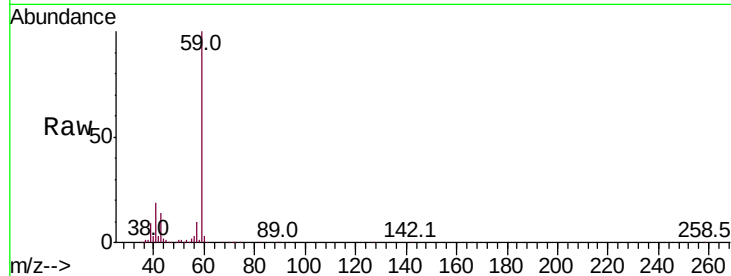
#11
Tert butyl alcohol
Concen: 216.064 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	154074
Ion Ratio	100	Lower	Upper
57	10.0	7.7	11.5

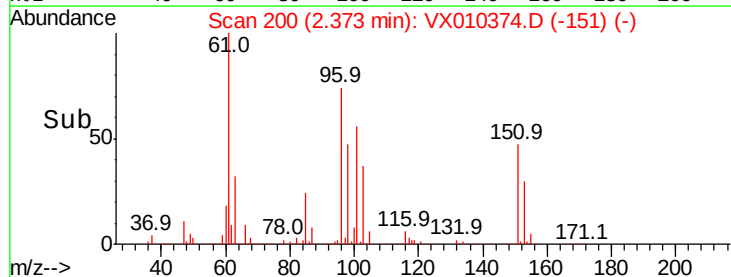
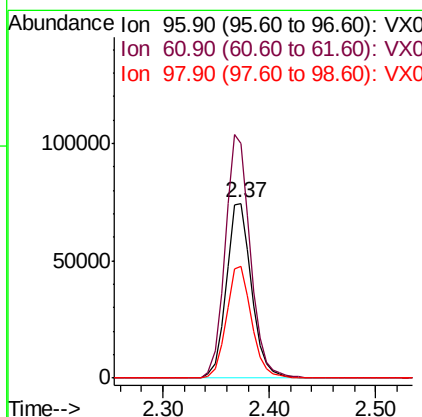
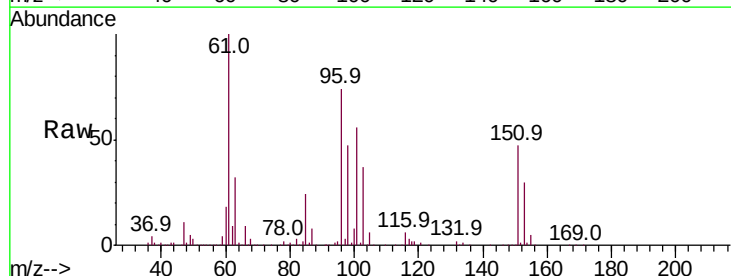
Manual Integrations
APPROVED

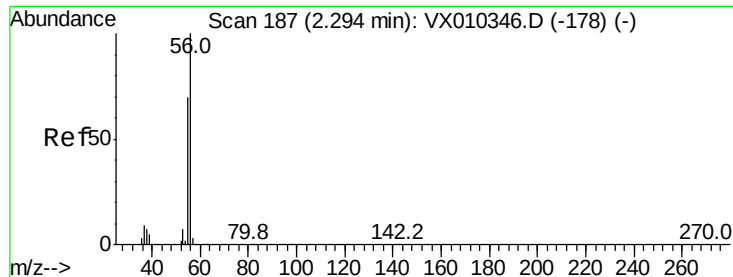
MMDadoda
6/24/2019 11:22:58 AM



#12
1,1-Dichloroethene
Concen: 49.151 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	96	Resp	123829
Ion Ratio	100	Lower	Upper
61	134.5	109.2	163.8
98	63.6	51.1	76.7





#13

Acrolein

Concen: 240.817 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 113918

Ion Ratio Lower Upper

56 100

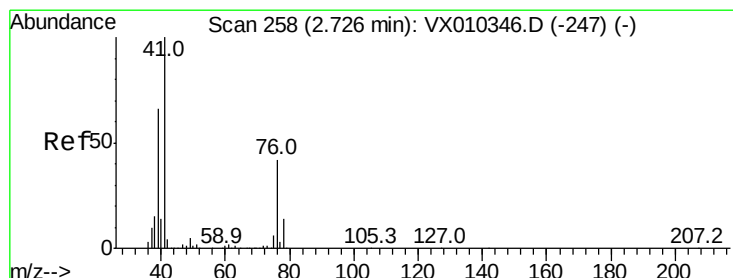
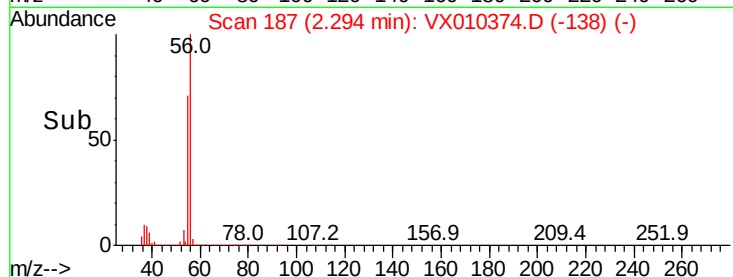
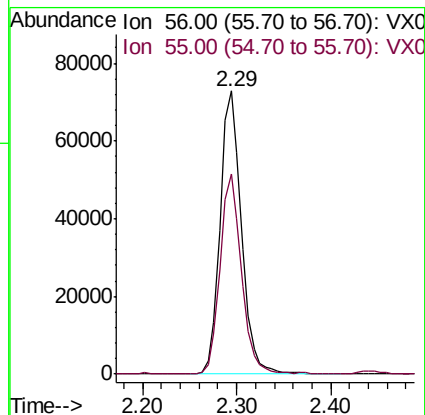
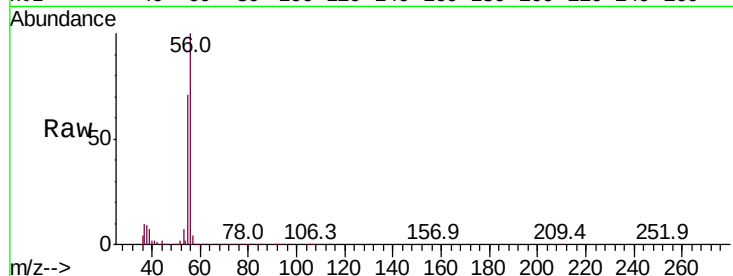
55 70.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.658 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

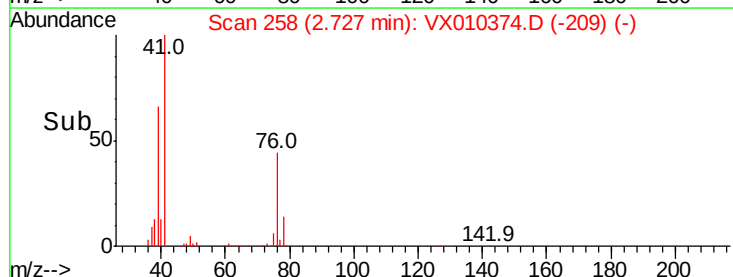
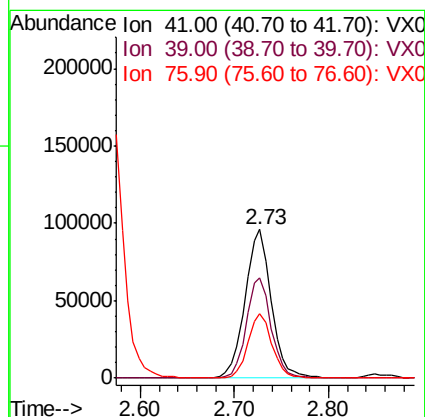
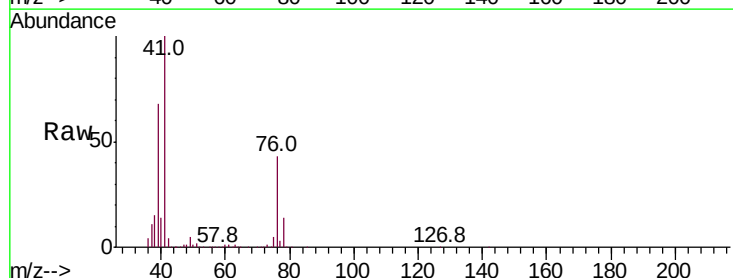
Tgt Ion: 41 Resp: 184769

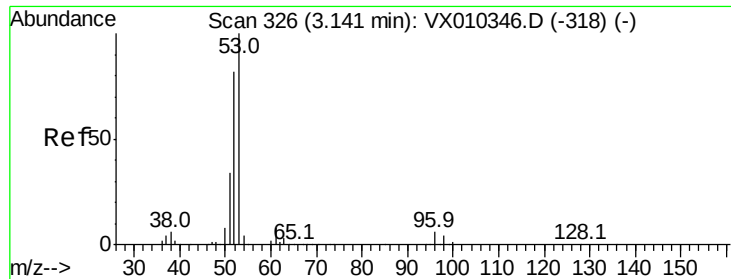
Ion Ratio Lower Upper

41 100

39 63.6 50.3 75.5

76 40.3 31.3 46.9





#15

Acrylonitrile

Concen: 247.748 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

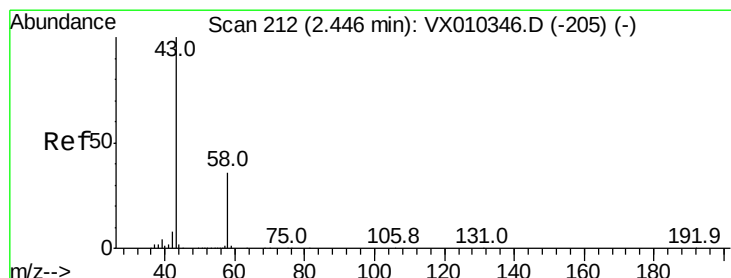
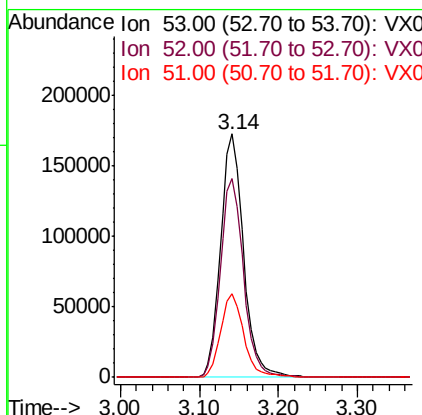
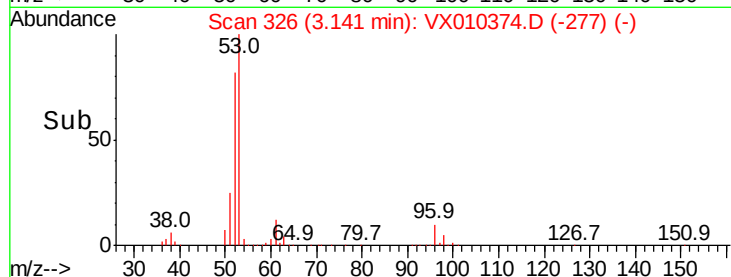
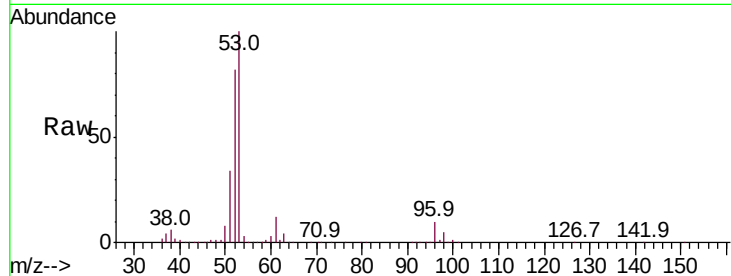
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	349781
Ion Ratio	100	Lower	Upper
52	81.9	65.5	98.3
51	34.6	28.2	42.4

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 263.744 ug/l

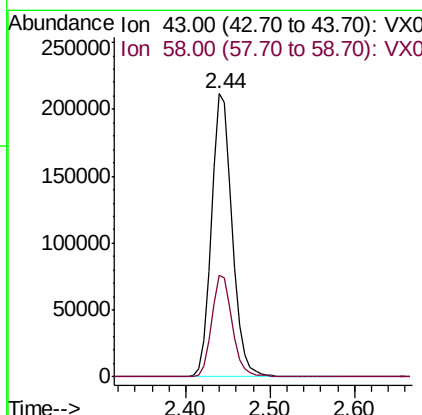
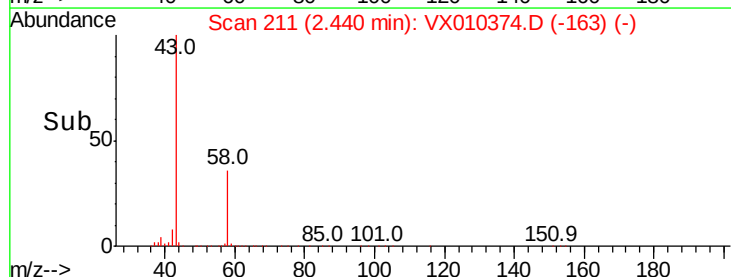
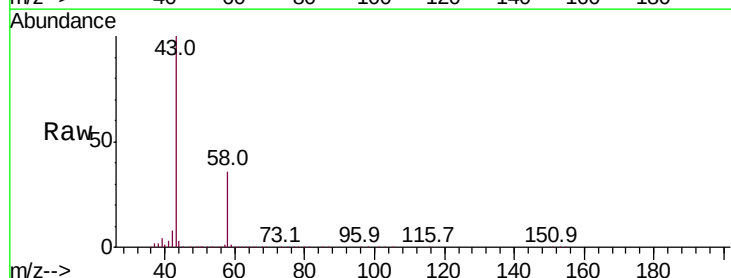
RT: 2.44 min Scan# 211

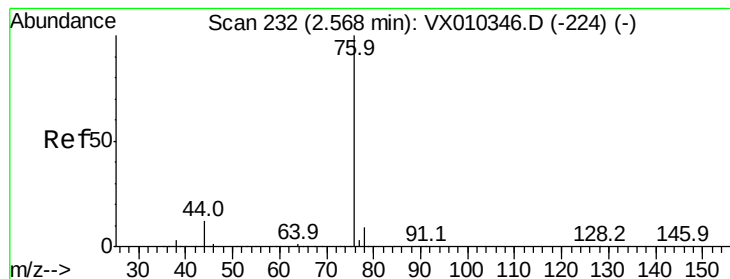
Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion	43	Resp	360216
Ion Ratio	100	Lower	Upper
58	35.8	28.9	43.3





#17

Carbon Disulfide

Concen: 49.541 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 334848

Ion Ratio Lower Upper

76 100

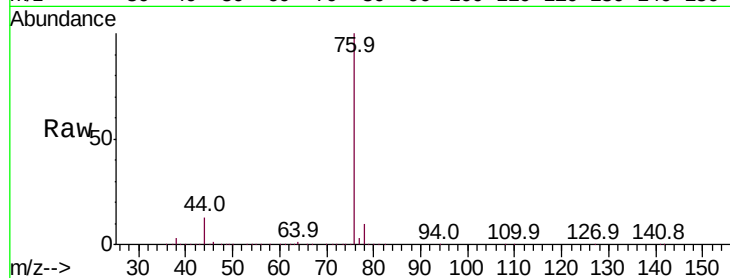
78 9.8 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

50000

0

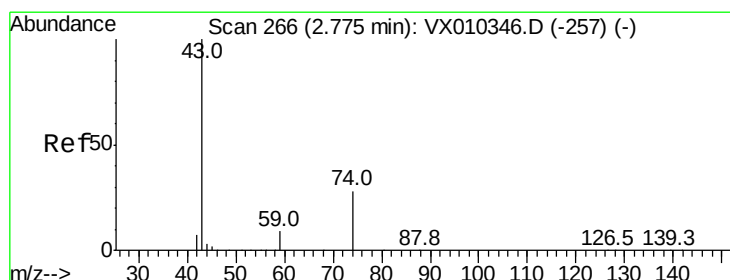
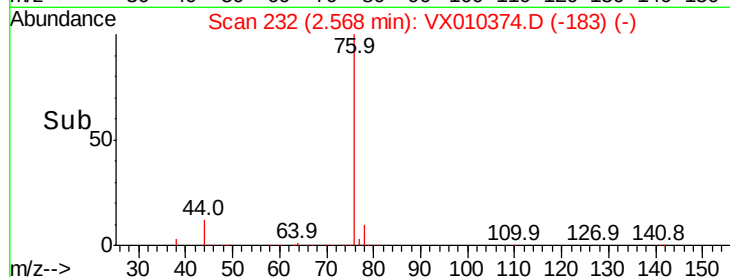
2.57

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 48.614 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010374.D

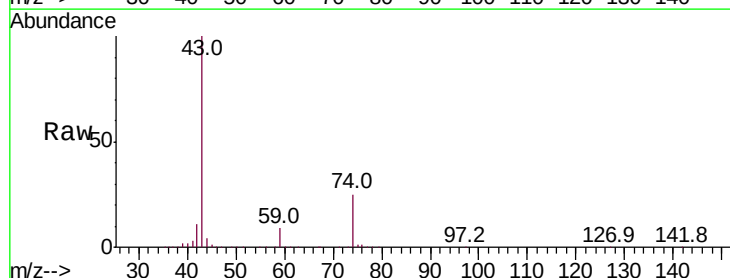
Acq: 21 Jun 2019 10:35

Tgt Ion: 43 Resp: 132332

Ion Ratio Lower Upper

43 100

74 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

40000

20000

0

2.77

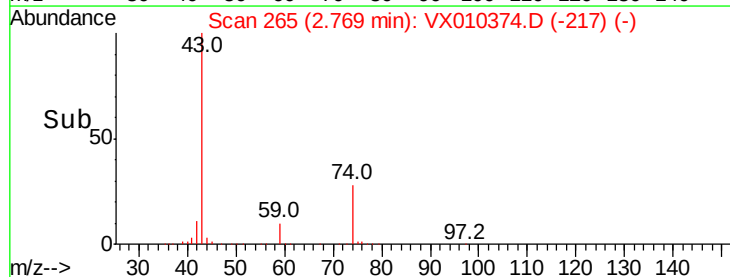
2.70

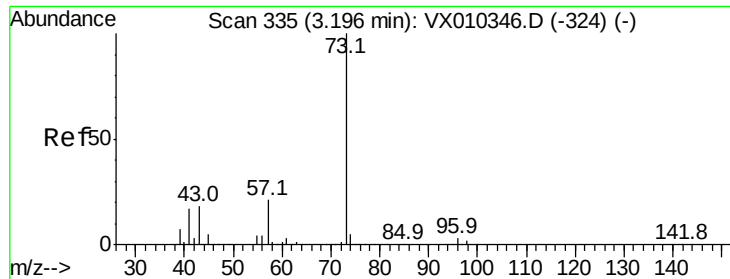
2.75

2.80

2.85

Time-->





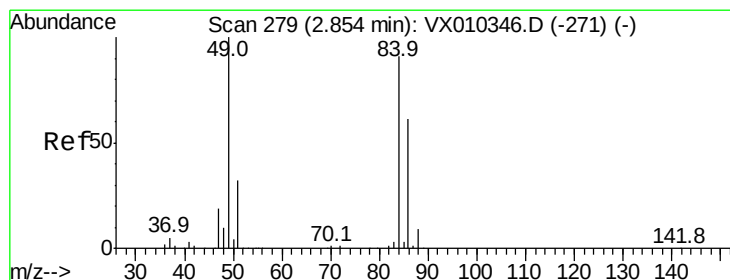
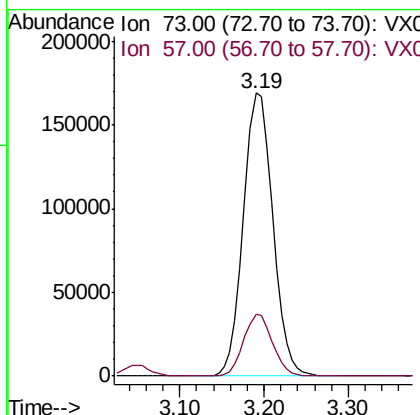
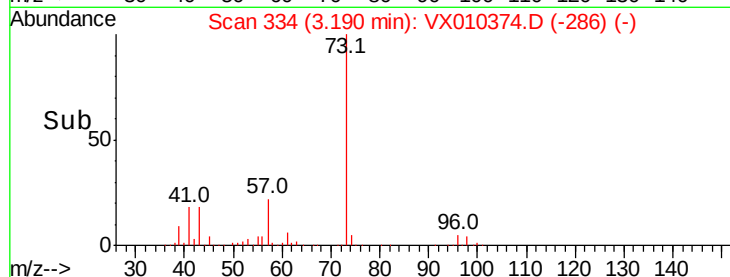
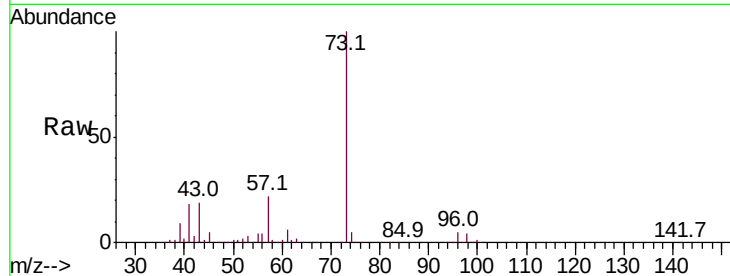
#19
Methyl tert-butyl Ether
Concen: 50.541 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.4	24.6

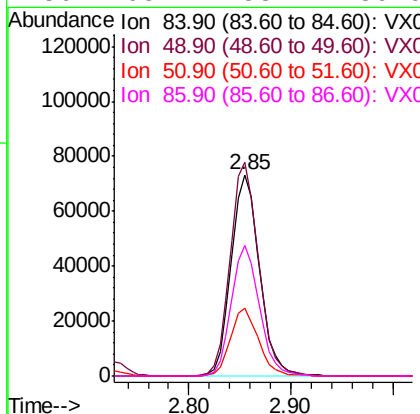
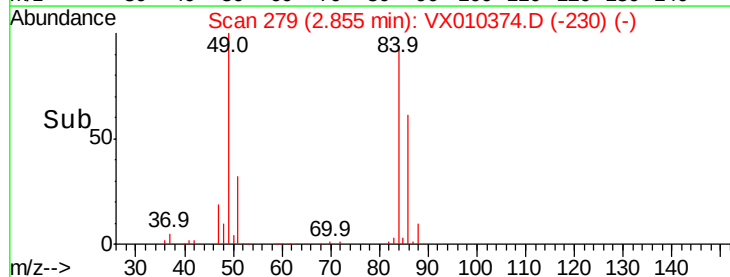
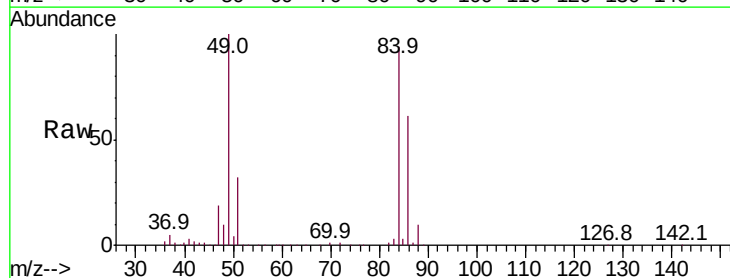
Manual Integrations
APPROVED

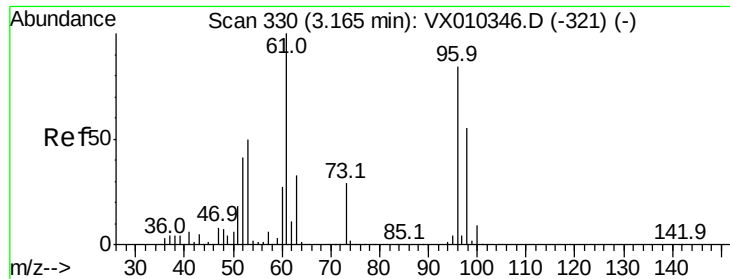
MMDadoda
6/24/2019 11:22:58 AM



#20
Methylene Chloride
Concen: 49.935 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.0	87.5	131.3
51	33.5	27.7	41.5
86	65.1	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 49.842 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 135050

Ion Ratio Lower Upper

96 100

61 121.4 95.6 143.4

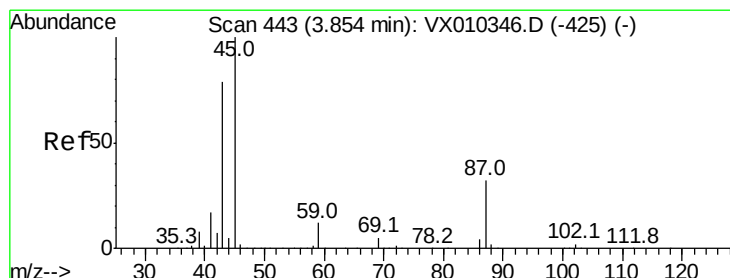
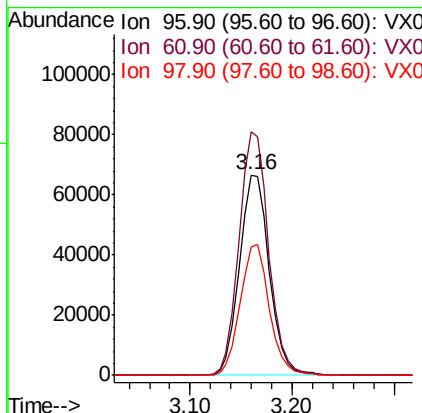
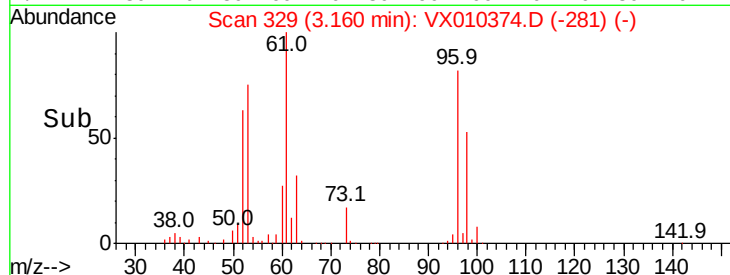
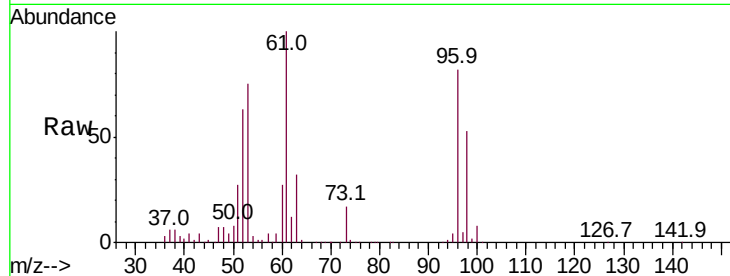
98 64.3 52.5 78.7

Manual Integrations

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6/24/2019 11:22:58 AM



#22

Diisopropyl ether

Concen: 50.758 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion: 45 Resp: 379578

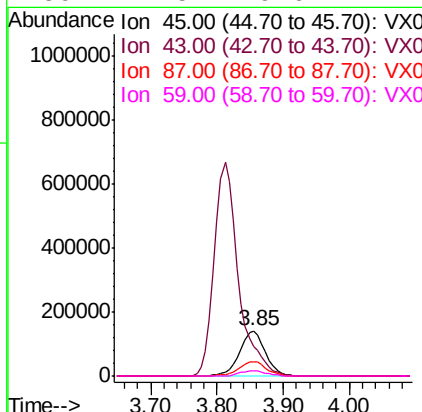
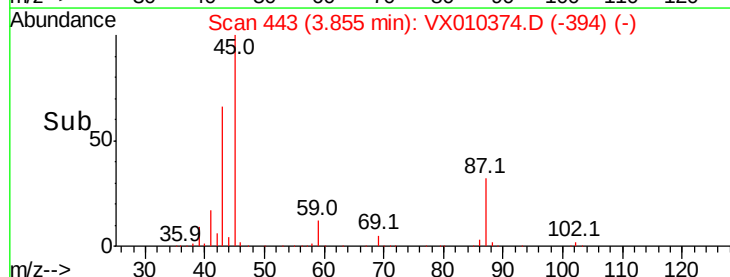
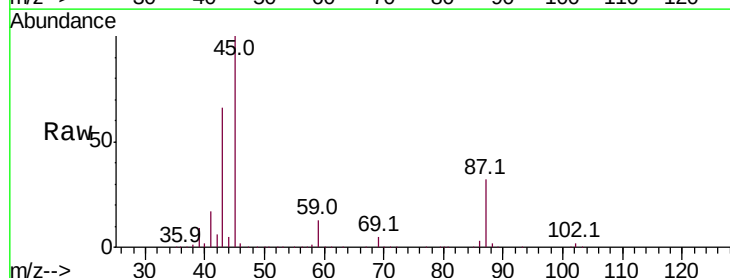
Ion Ratio Lower Upper

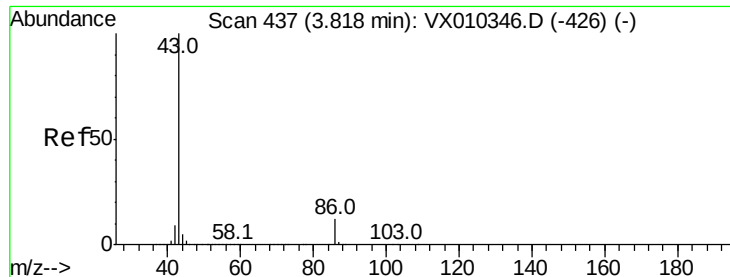
45 100

43 65.7 63.3 94.9

87 32.5 25.8 38.8

59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 263.050 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1699390

Ion Ratio Lower Upper

43 100

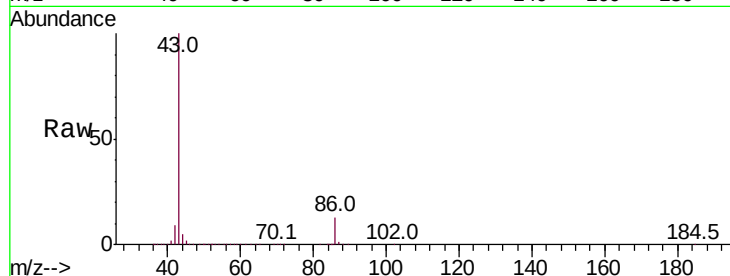
86 12.7 9.9 14.9

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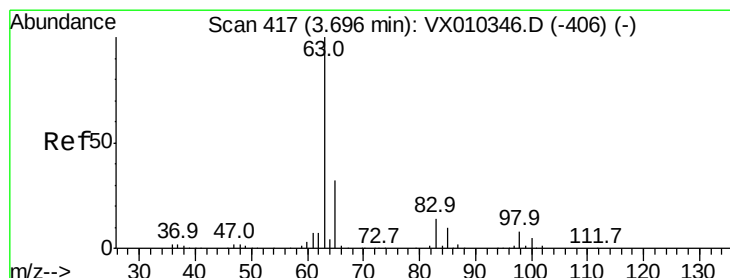
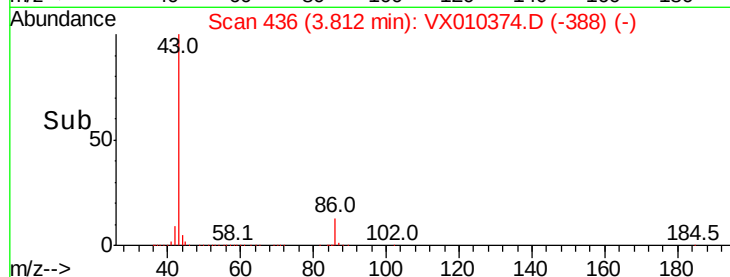
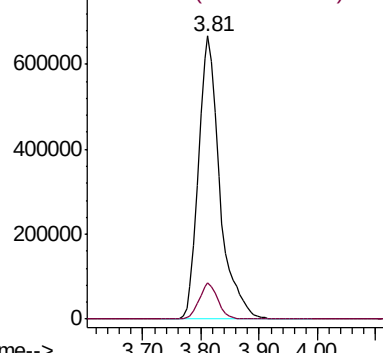
MMDadoda

6/24/2019 11:22:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.180 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

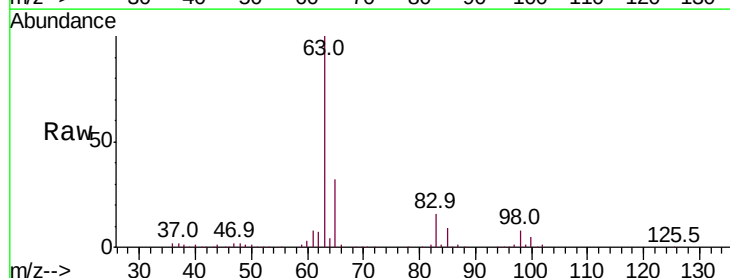
Tgt Ion: 63 Resp: 216911

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

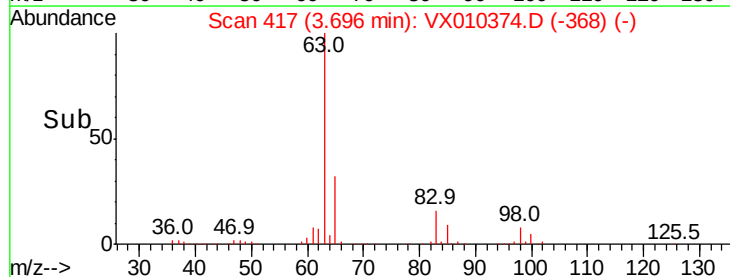
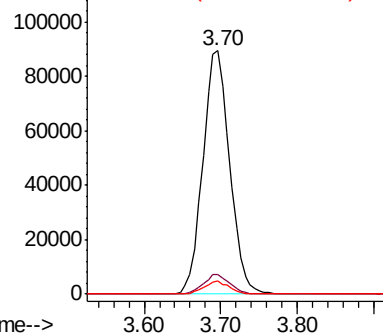
100 5.5 2.4 7.1

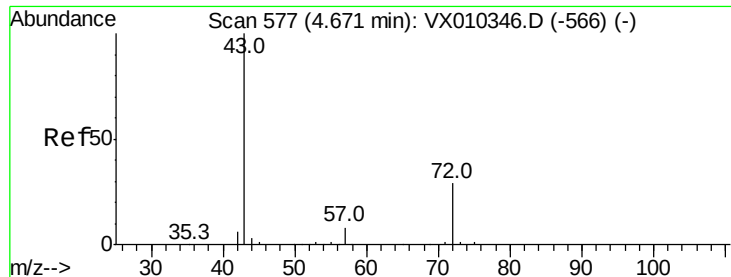


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.491 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 509854

Ion Ratio Lower Upper

43 100

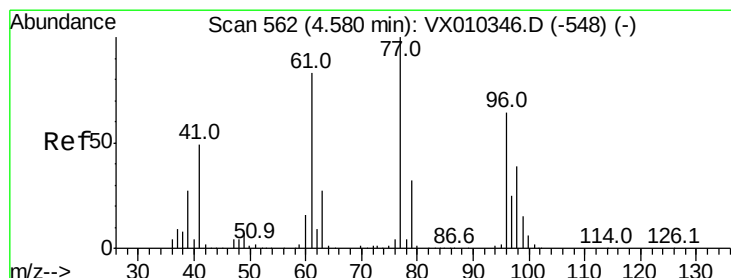
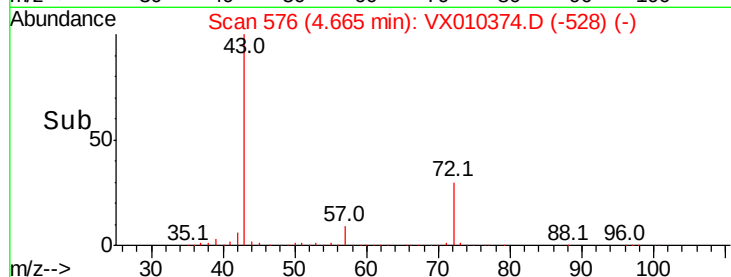
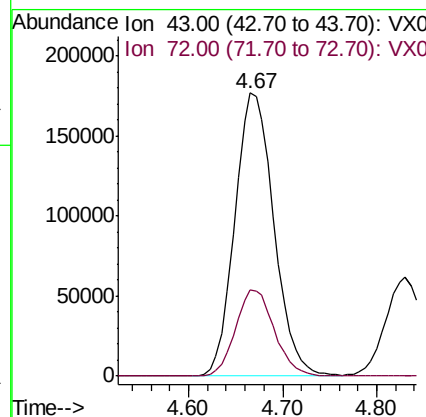
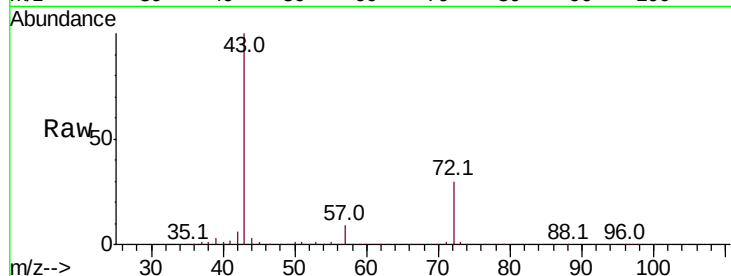
72 30.1 23.3 34.9

Manual Integrations

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MMDadoda

6/24/2019 11:22:58 AM



#26

2,2-Dichloropropane

Concen: 53.165 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010374.D

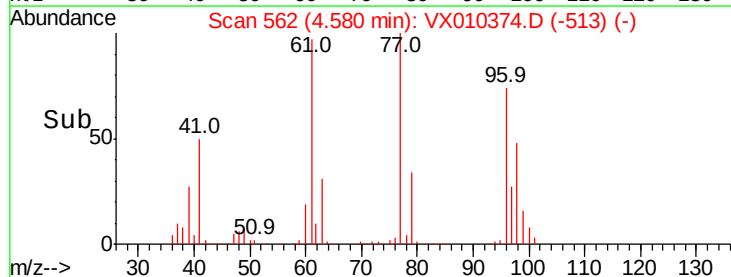
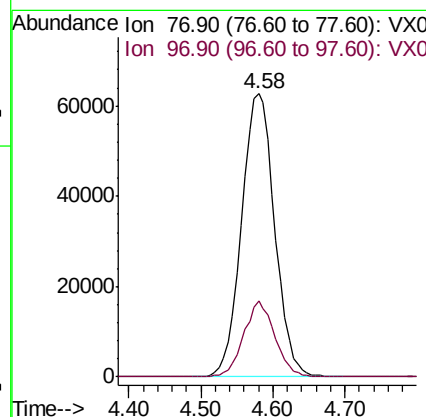
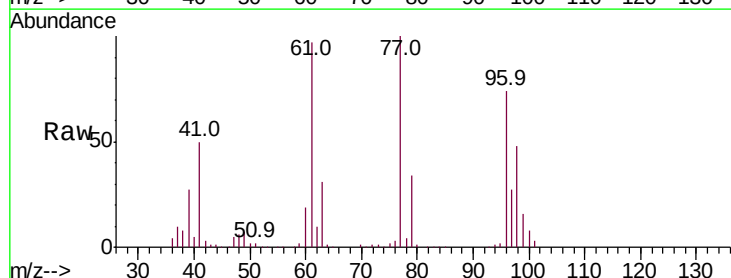
Acq: 21 Jun 2019 10:35

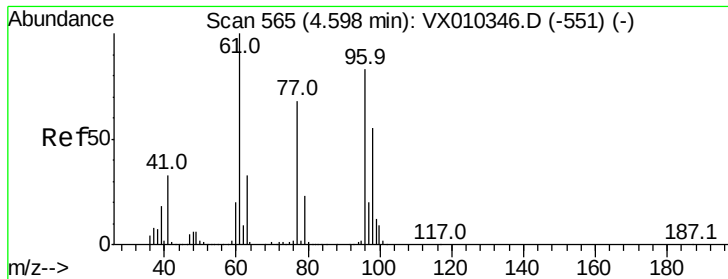
Tgt Ion: 77 Resp: 199638

Ion Ratio Lower Upper

77 100

97 25.4 13.1 39.3





#27

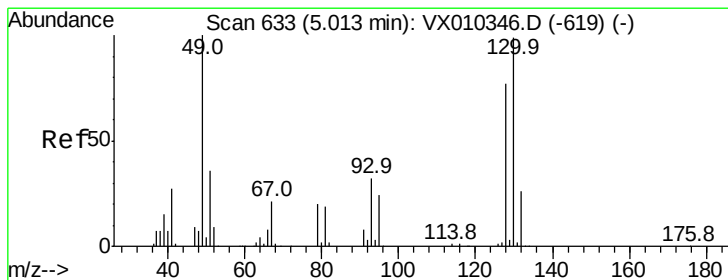
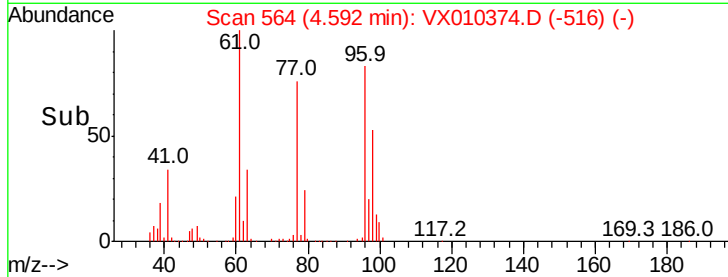
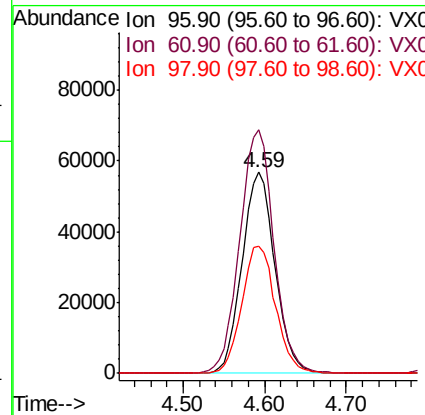
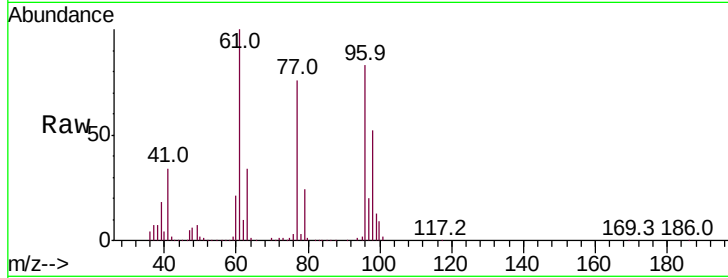
cis-1,2-Dichloroethene
 Concen: 50.751 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	158908		
61	125.8	0.0	251.8	
98	64.8	0.0	129.4	

Manual Integrations
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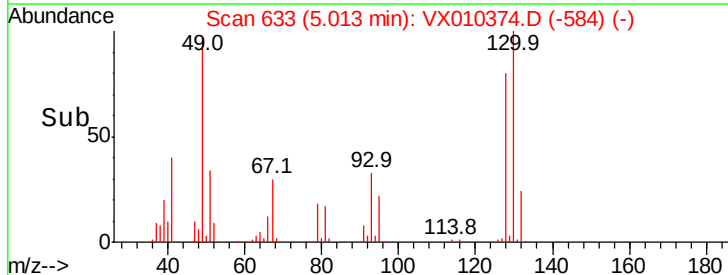
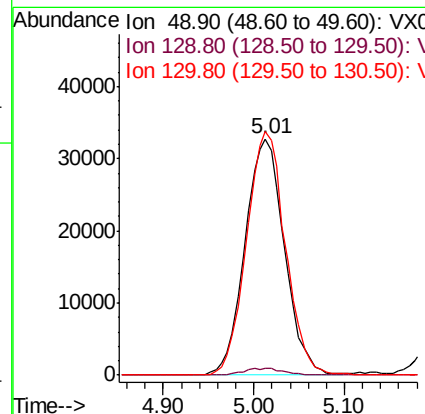
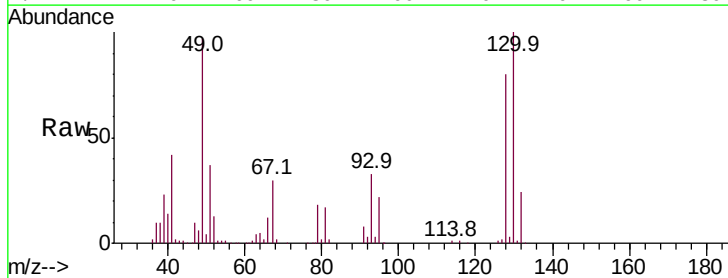
MMDadoda
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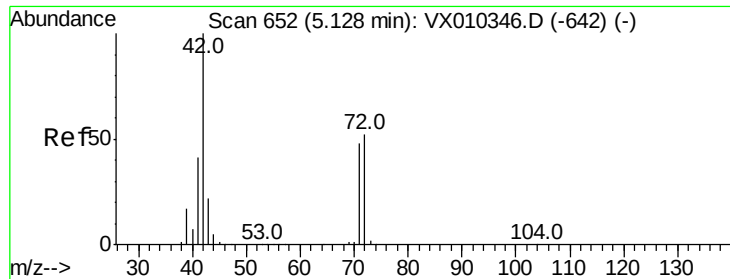


#28

Bromochloromethane
 Concen: 47.663 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	98506		
129	2.9	0.0	5.6	
130	101.6	81.4	122.0	





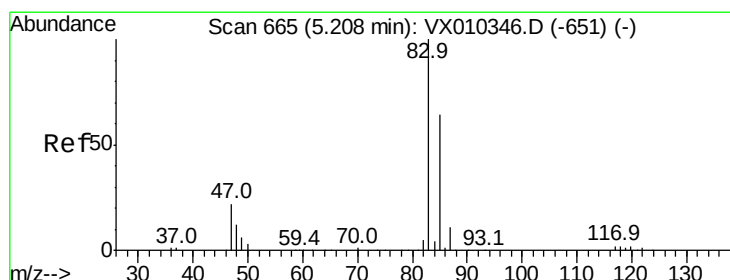
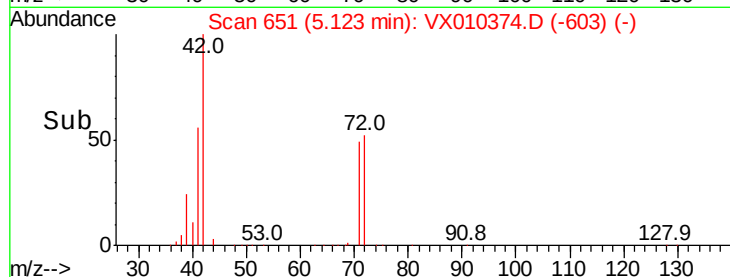
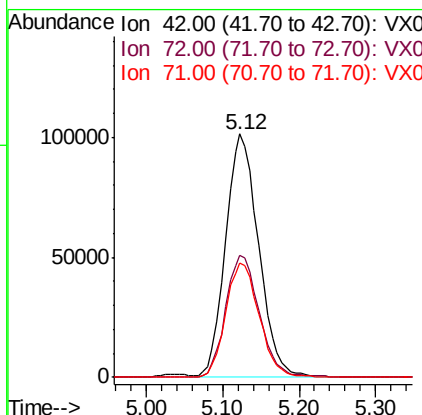
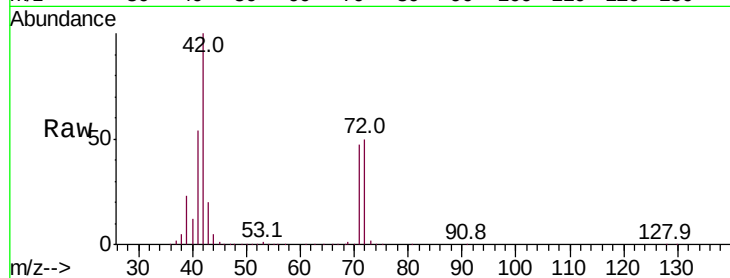
#29
Tetrahydrofuran
Concen: 243.454 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	51.5	40.6	60.8	
71	47.9	37.8	56.8	

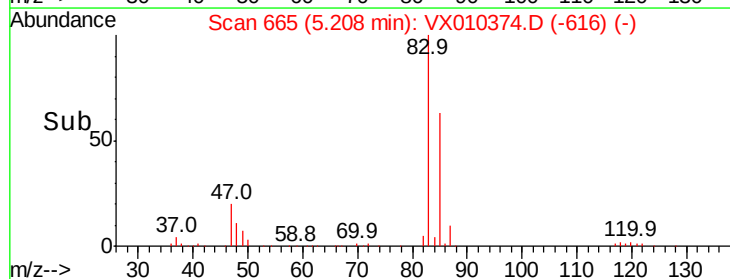
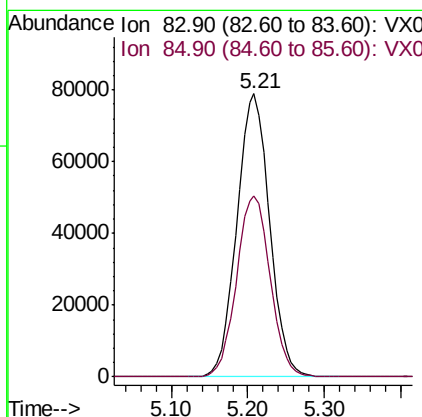
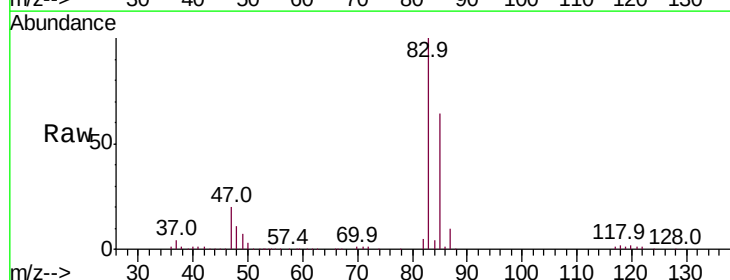
Manual Integrations
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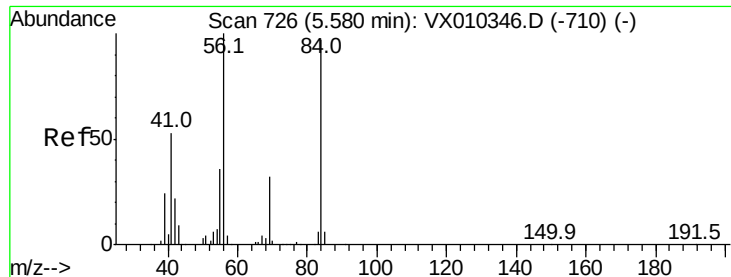
MMDadoda
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#30
Chloroform
Concen: 50.377 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.1	50.9	76.3	





#31

Cyclohexane

Concen: 51.750 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

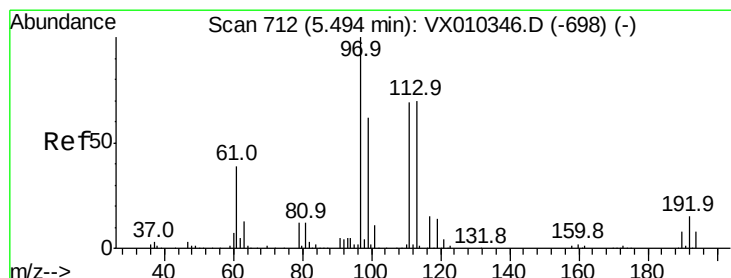
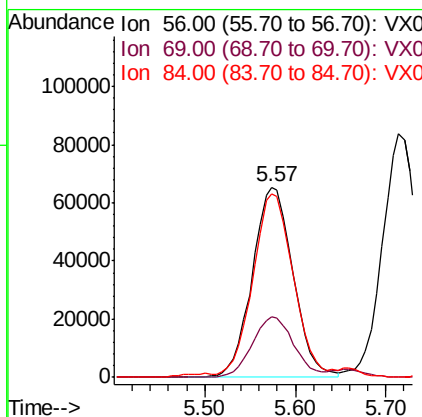
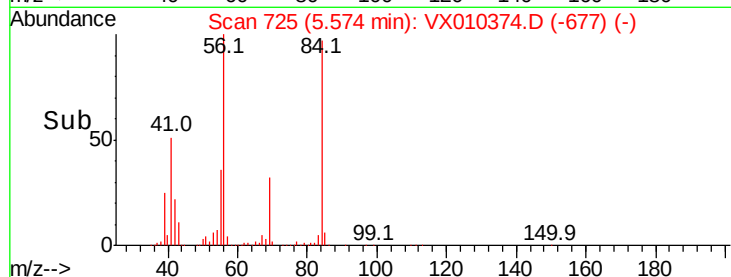
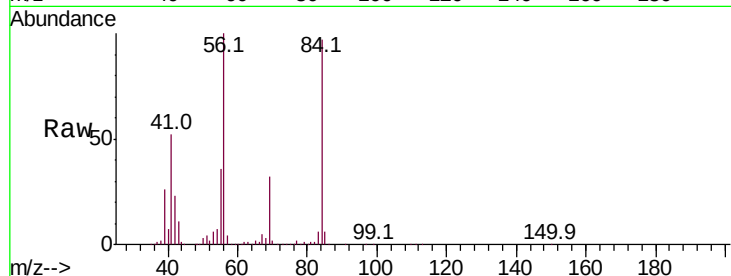
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	203709
Ion Ratio	Lower	Upper	
56	100		
69	32.1	25.9	38.9
84	95.0	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.331 ug/l

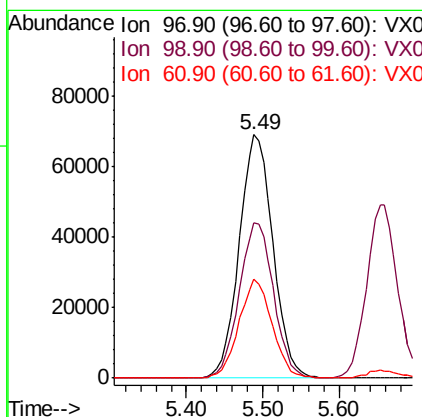
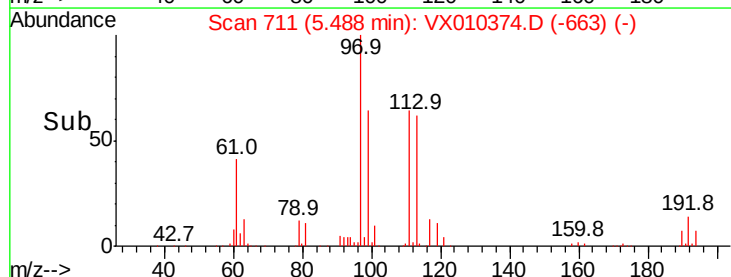
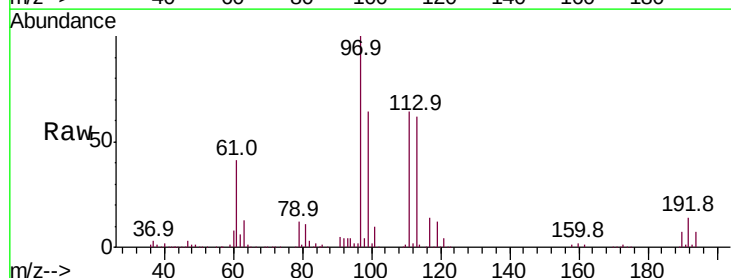
RT: 5.49 min Scan# 711

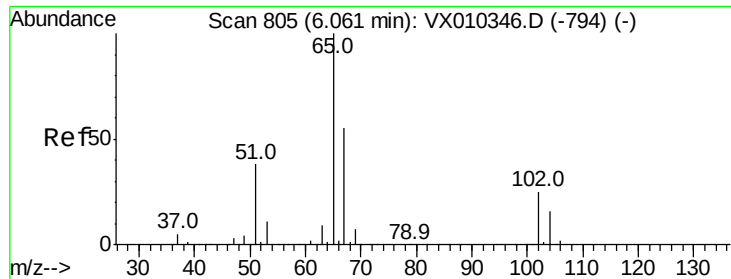
Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion:	97	Resp:	210804
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.8	77.8
61	40.1	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 47.695 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

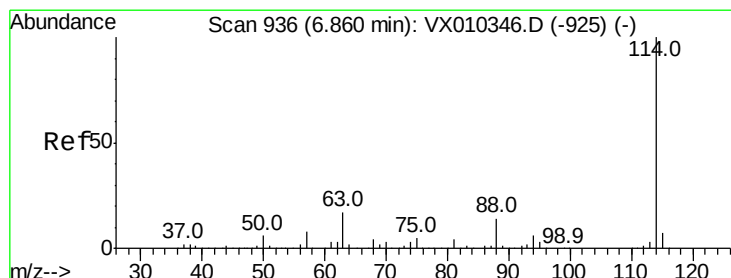
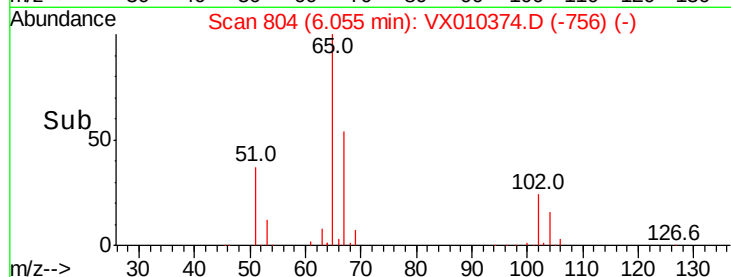
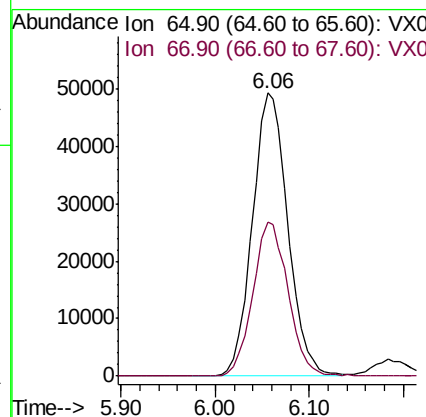
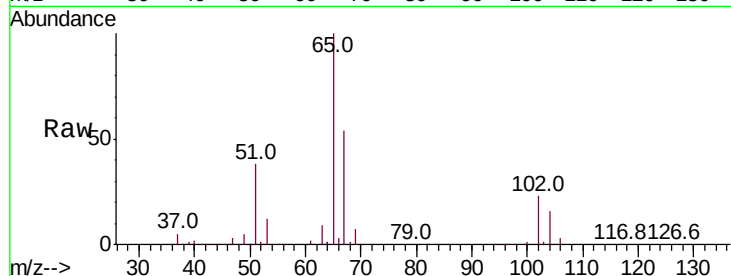
Instrument :
MSVOA_X

ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

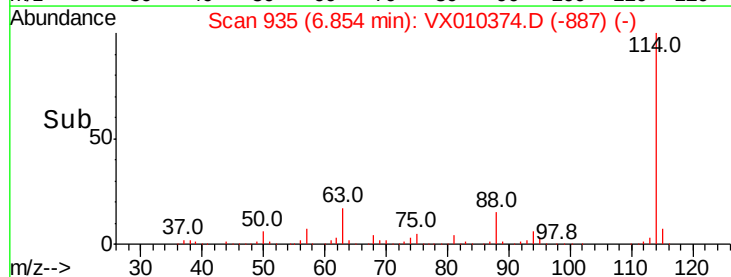
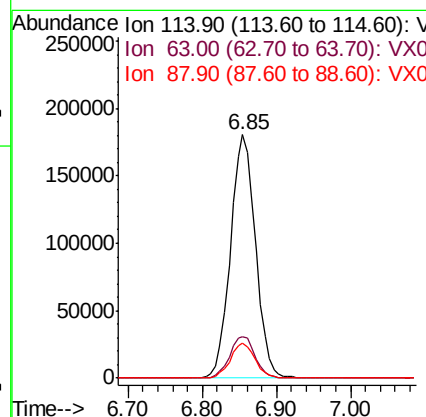
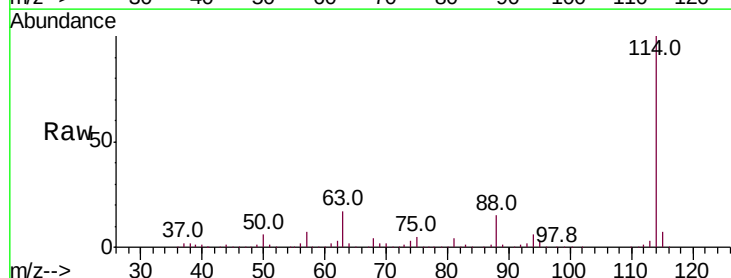
RT: 6.85 min Scan# 935

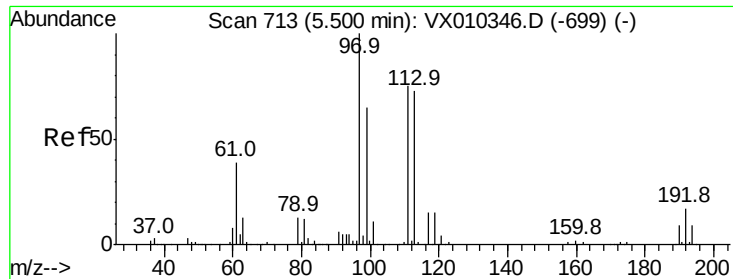
Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	33.8
88	14.6	0.0	27.6





#35

Dibromofluoromethane

Concen: 49.775 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

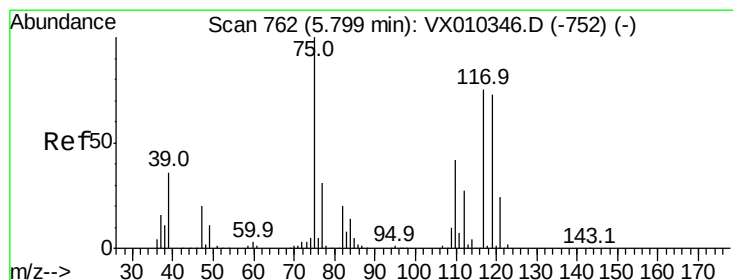
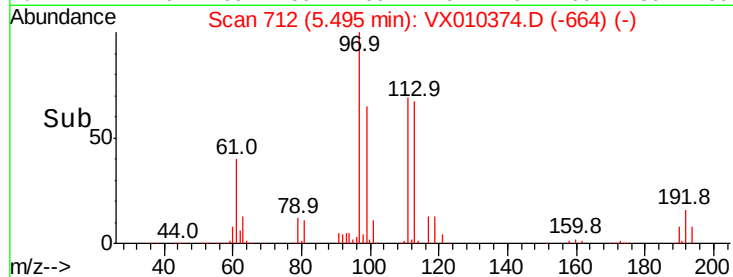
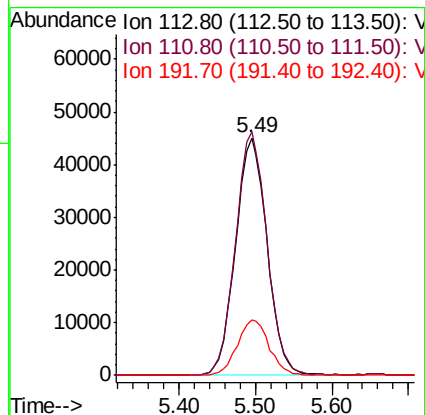
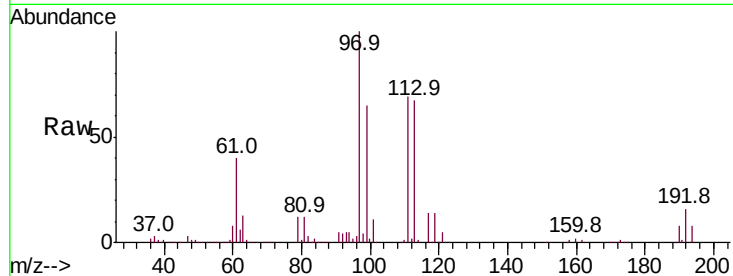
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	128990
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.2	121.8
192	23.4	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.221 ug/l

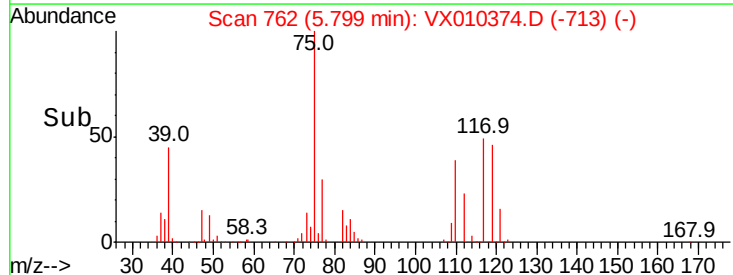
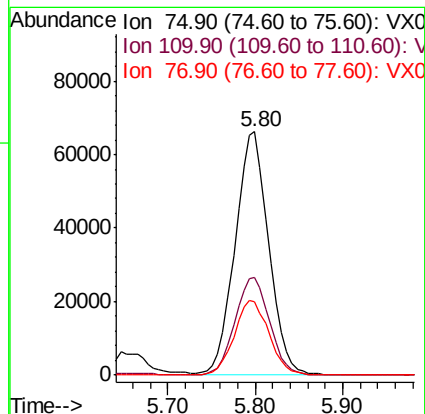
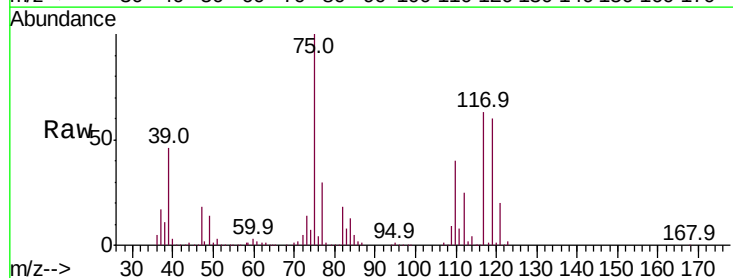
RT: 5.80 min Scan# 762

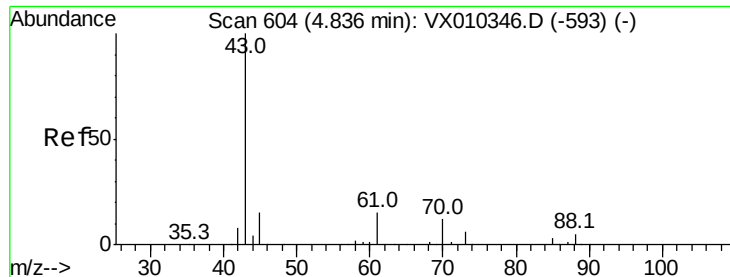
Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion:	75	Resp:	175763
Ion Ratio	Lower	Upper	
75	100		
110	41.5	20.8	62.2
77	31.5	25.4	38.0





#37

Ethyl Acetate

Concen: 51.616 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

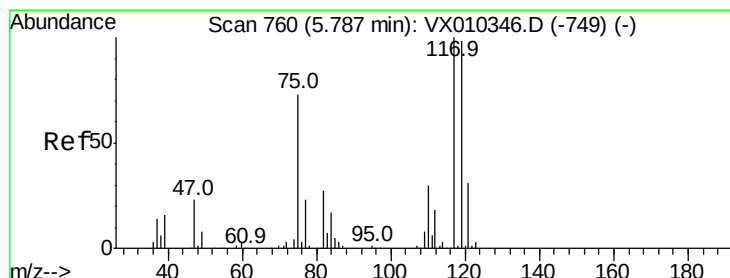
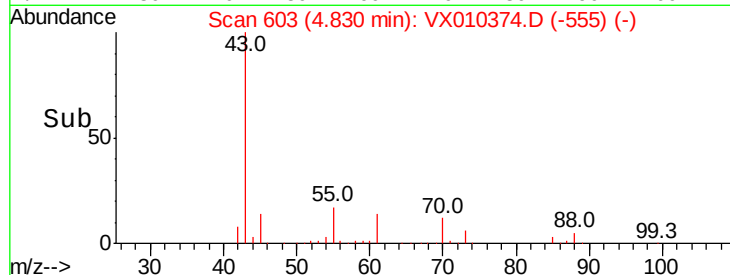
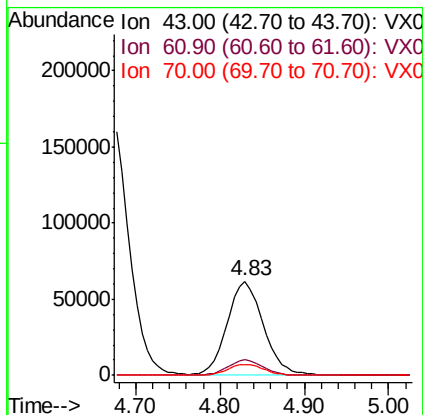
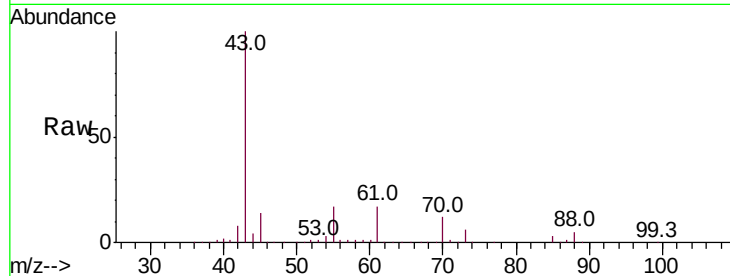
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	178724
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.4	18.6
70	12.2	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 52.808 ug/l

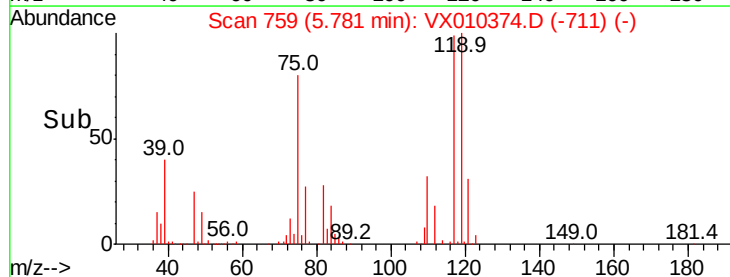
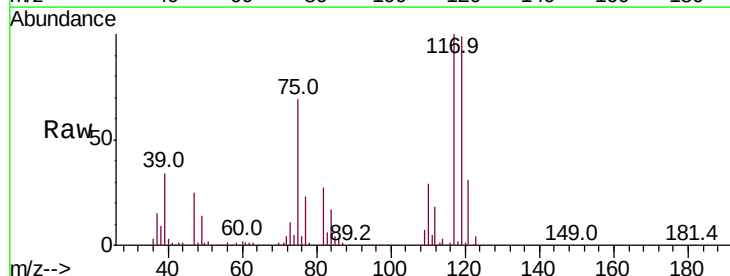
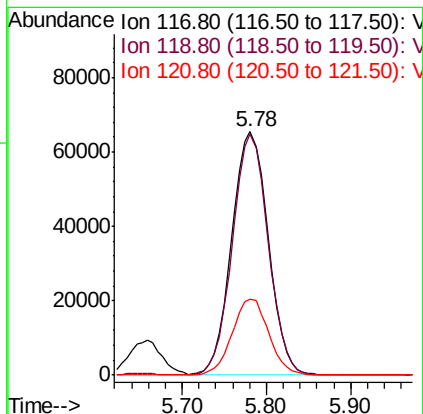
RT: 5.78 min Scan# 759

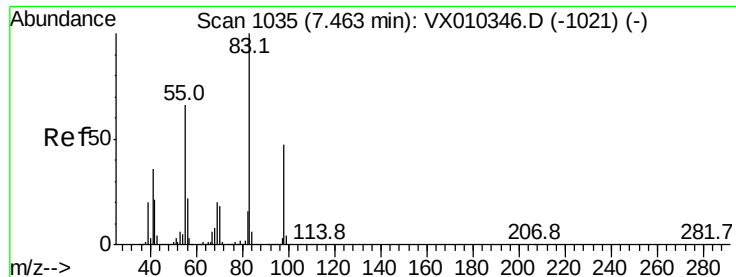
Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion:	117	Resp:	192470
Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.2	117.4
121	31.2	24.7	37.1





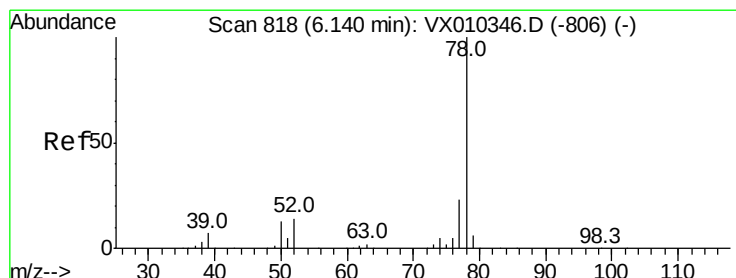
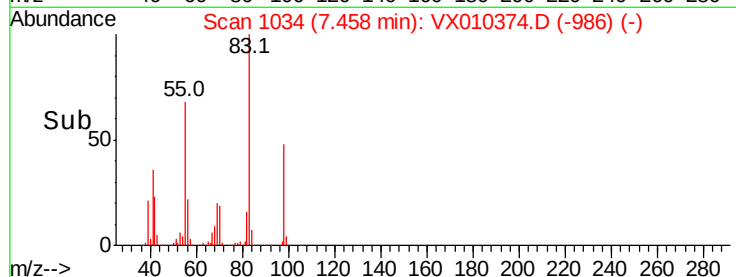
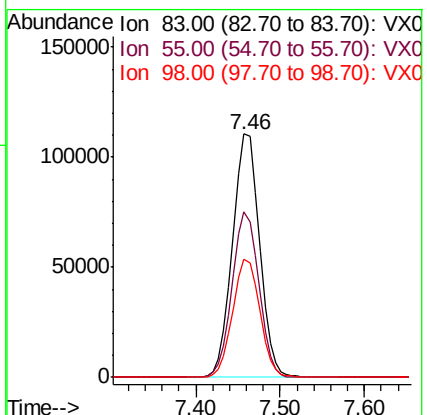
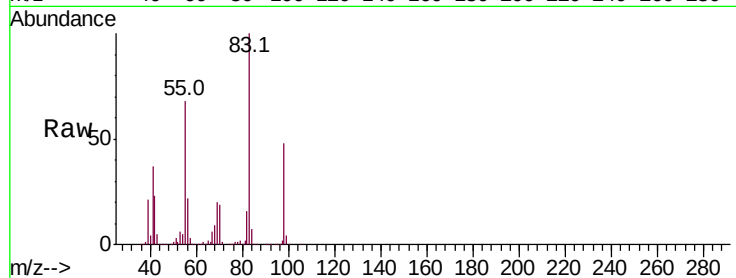
#39
Methylvlcyclohexane
Concen: 54.110 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	53.0	79.6
98	48.4	37.8	56.8

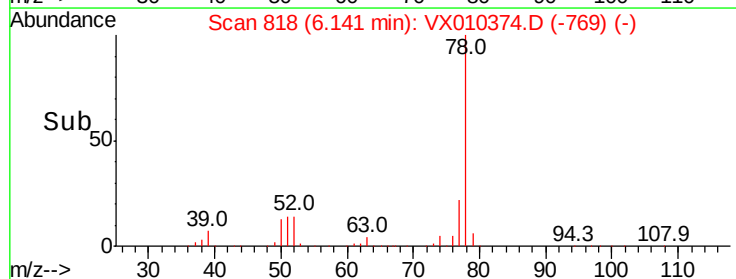
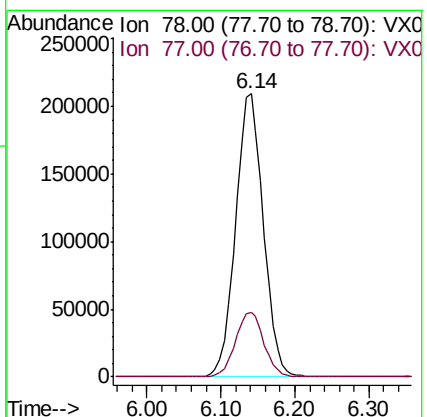
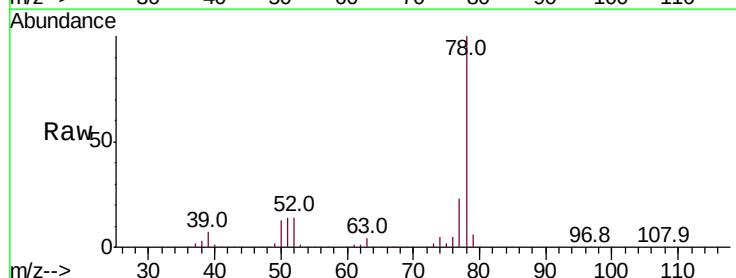
Manual Integrations
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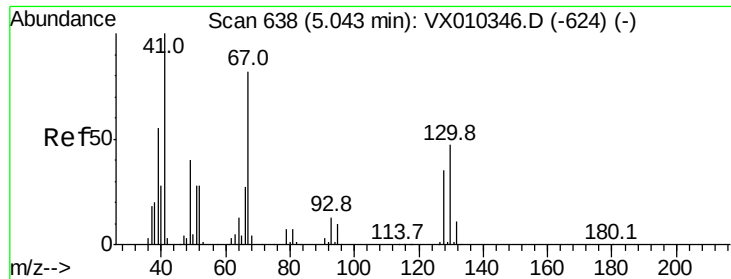
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#40
Benzene
Concen: 52.019 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	28.0





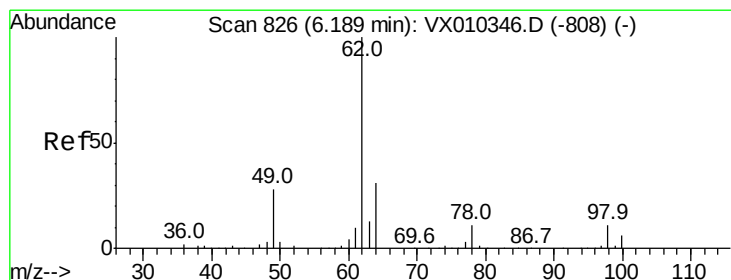
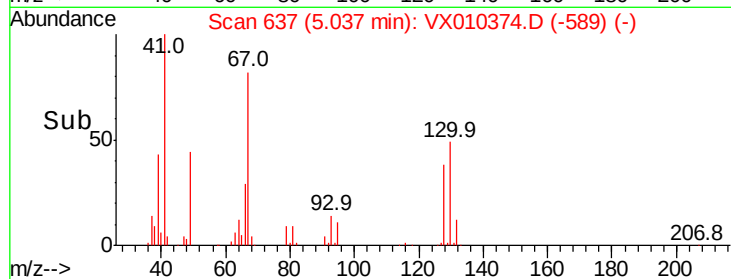
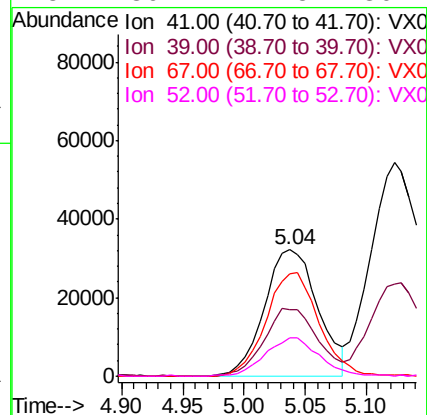
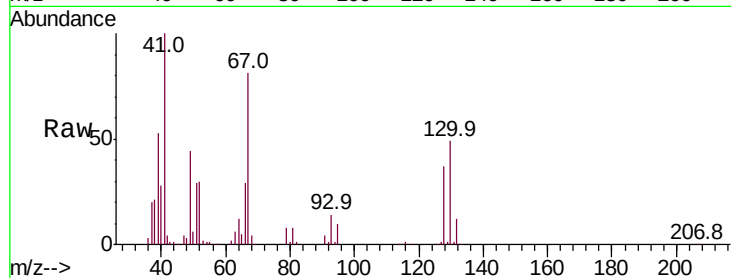
#41
Methacrylonitrile
Concen: 51.563 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	97962
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.8	65.8
67	81.1	66.6	100.0
52	30.2	24.5	36.7

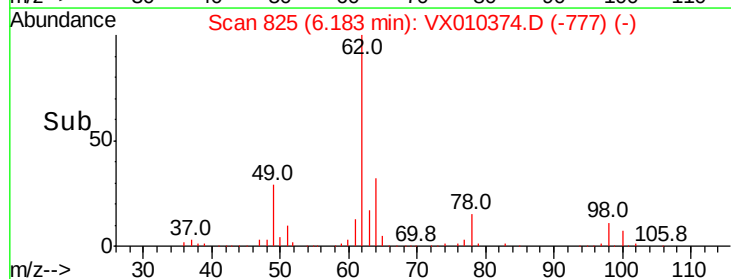
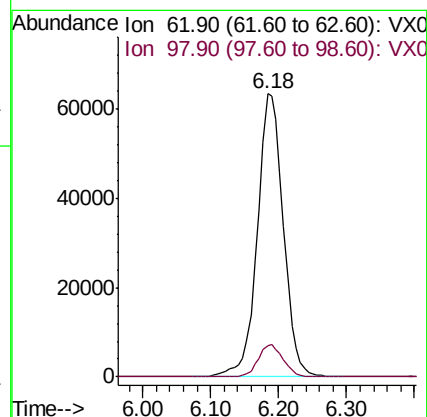
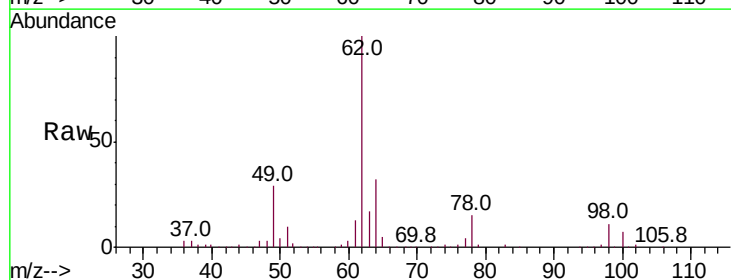
Manual Integrations
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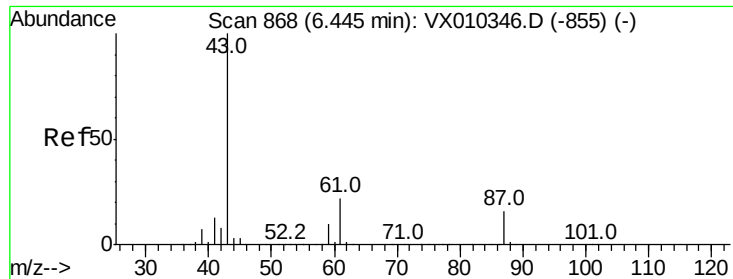
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.005 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion:	62	Resp:	169190
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.2





#43

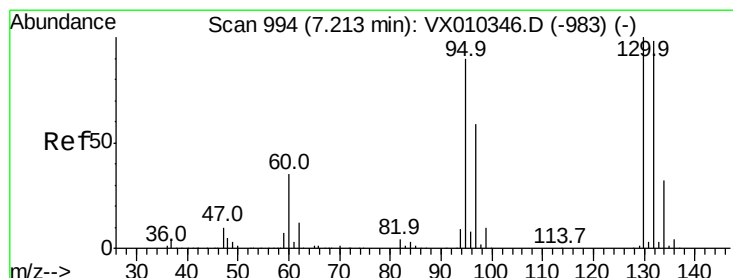
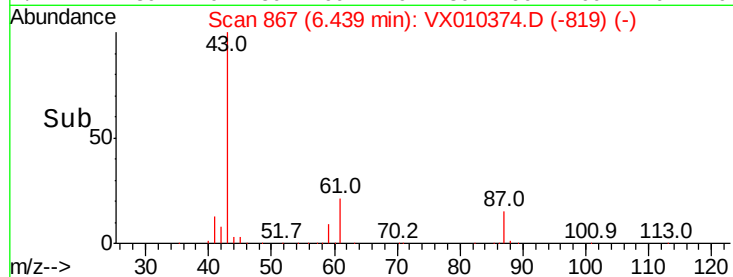
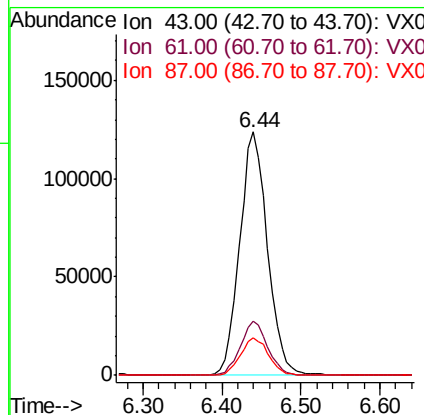
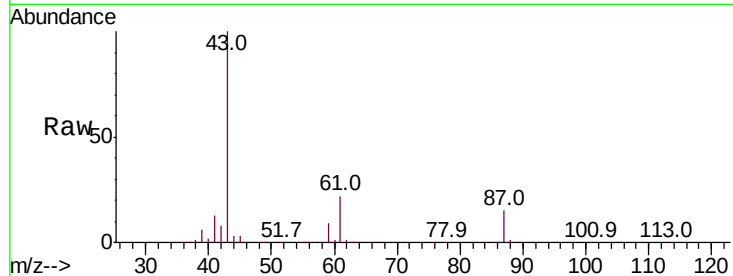
Isopropyl Acetate
 Concen: 52.743 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.7	13.0	19.4

Manual Integrations
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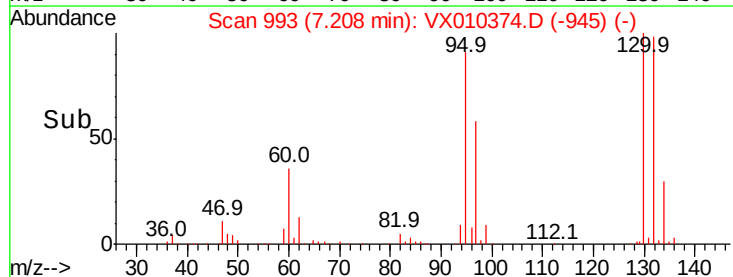
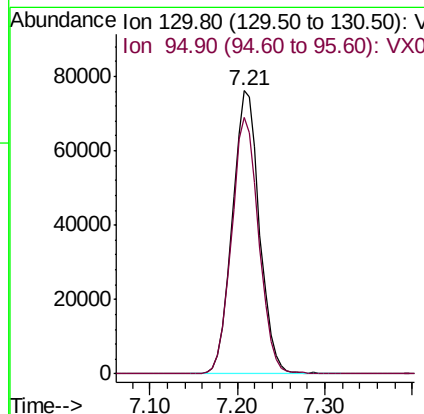
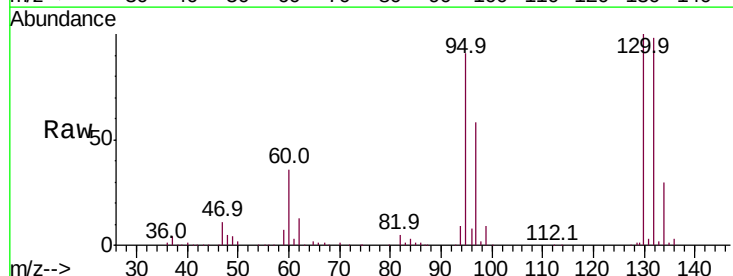
MMDadoda
 6/24/2019 11:22:58 AM

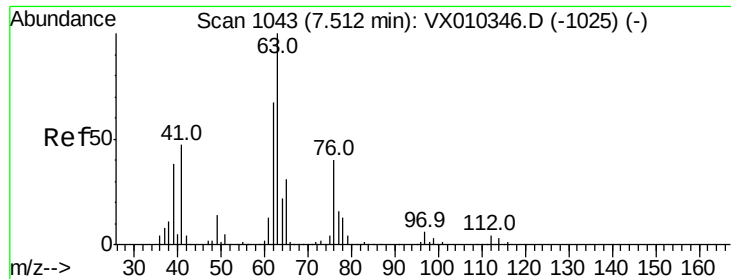


#44

Trichloroethene
 Concen: 52.399 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	180.8





#45

1,2-Dichloropropane

Concen: 51.916 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 137474

Ion Ratio Lower Upper

63 100

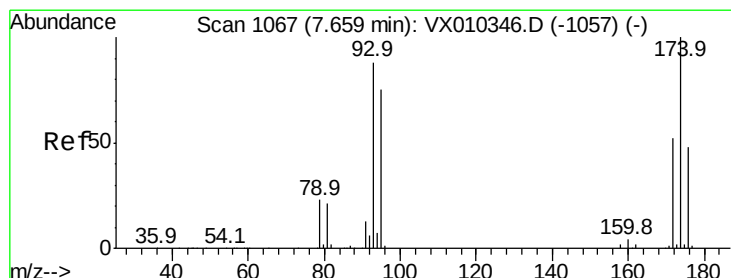
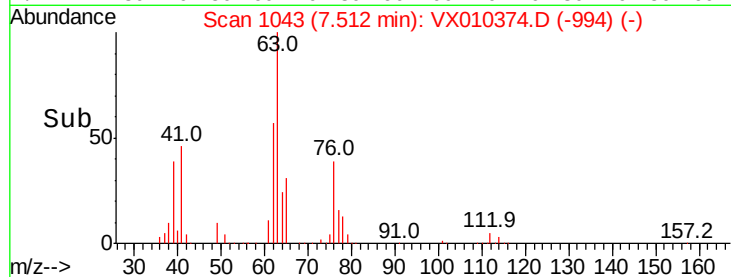
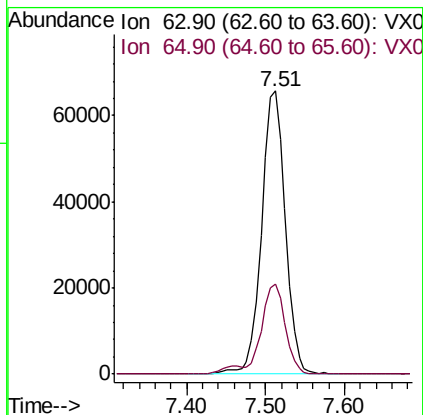
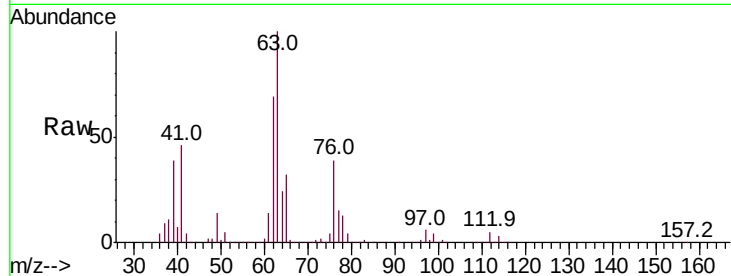
65 31.7 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 52.384 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

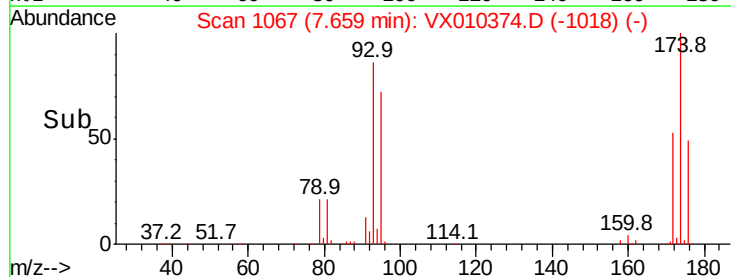
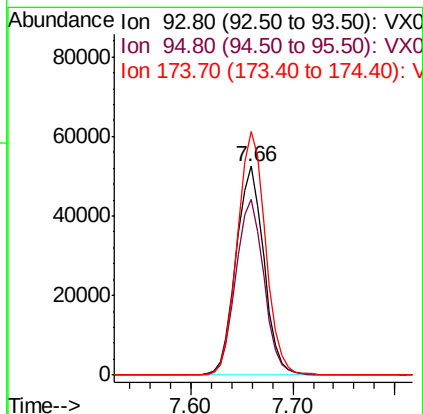
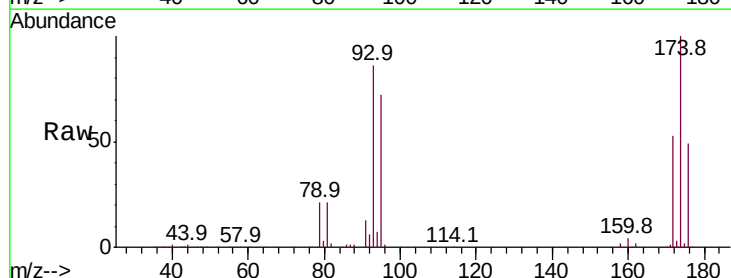
Tgt Ion: 93 Resp: 99523

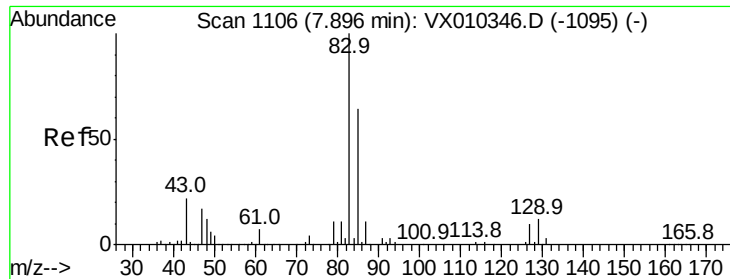
Ion Ratio Lower Upper

93 100

95 85.0 67.5 101.3

174 117.7 95.8 143.6





#47

Bromodichloromethane

Concen: 53.415 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

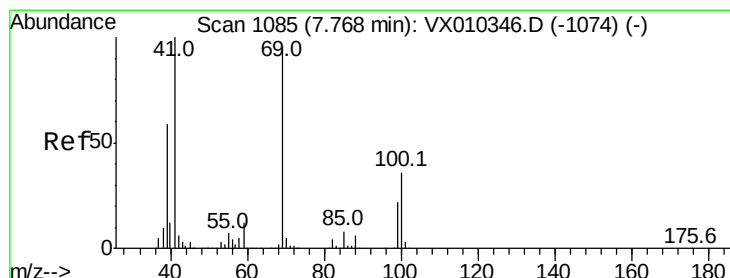
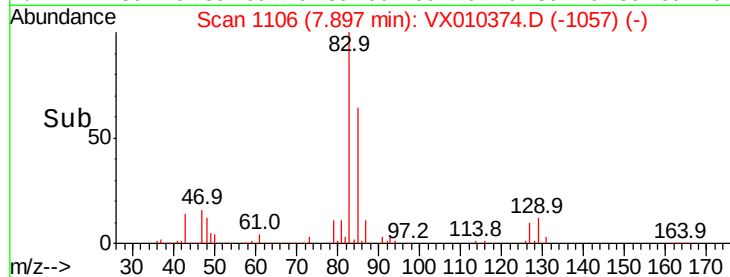
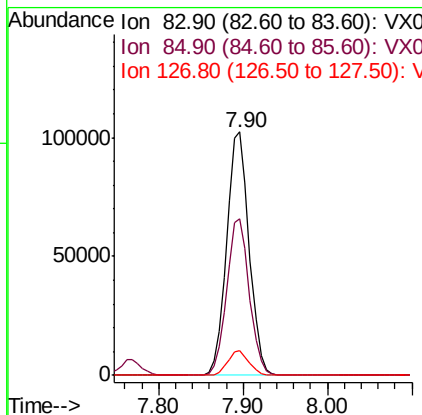
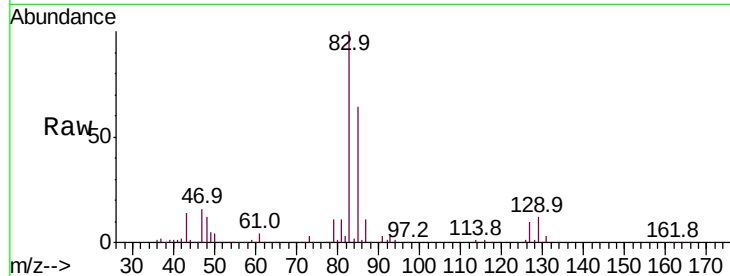
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	185977
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3
127	10.0	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.183 ug/l

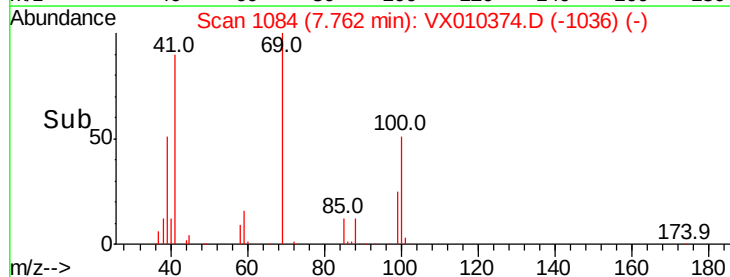
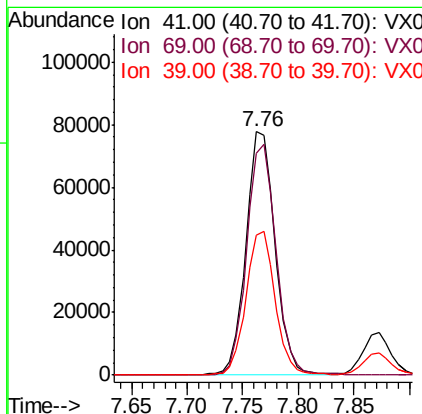
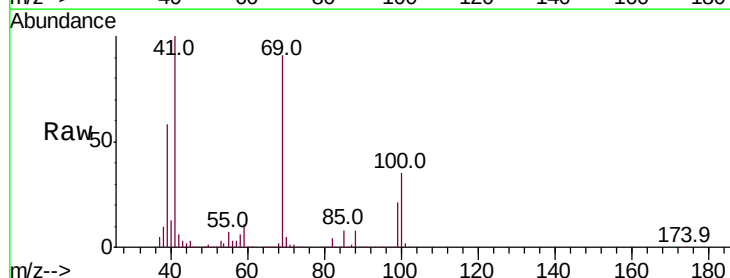
RT: 7.76 min Scan# 1084

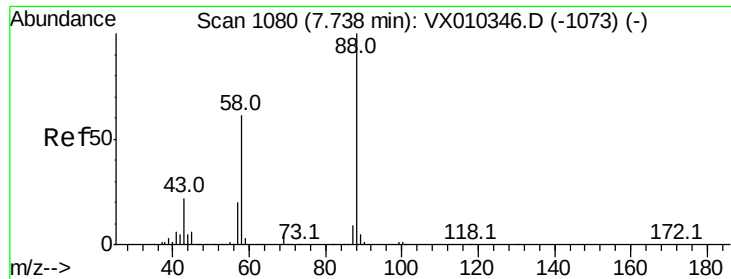
Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion:	41	Resp:	141616
Ion	Ratio	Lower	Upper
41	100		
69	95.9	76.1	114.1
39	58.8	47.6	71.4





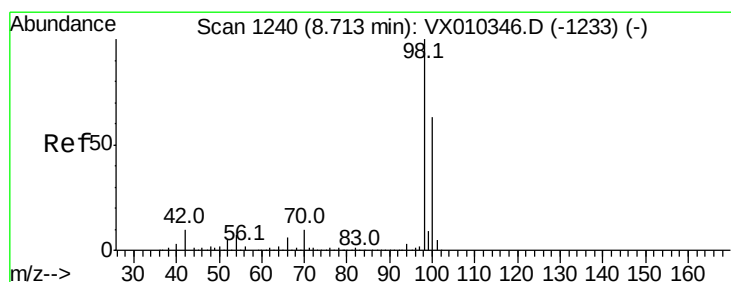
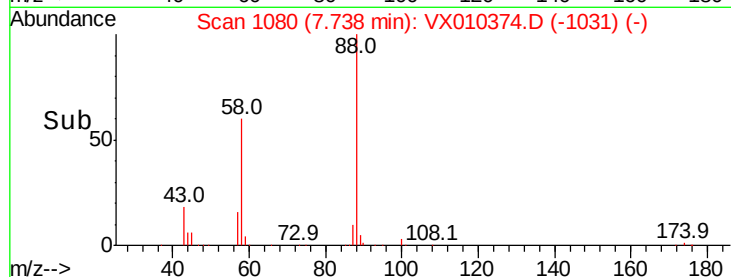
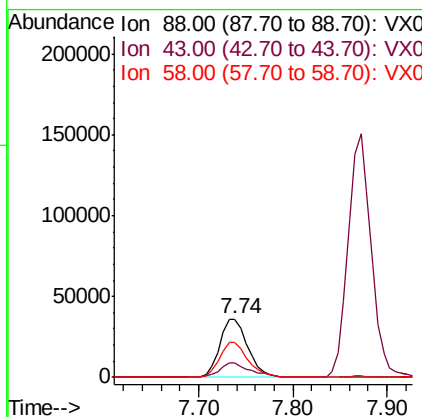
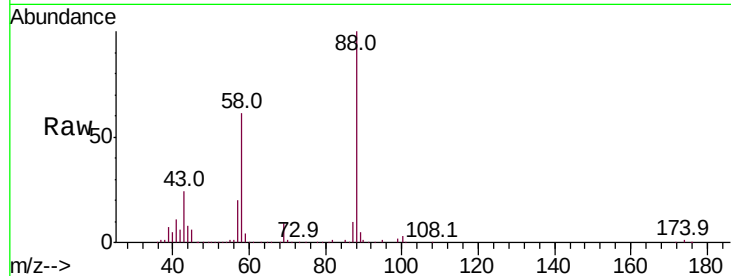
#49
1,4-Dioxane
Concen: 962.760 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	20.2	30.2
58	61.3	49.5	74.3

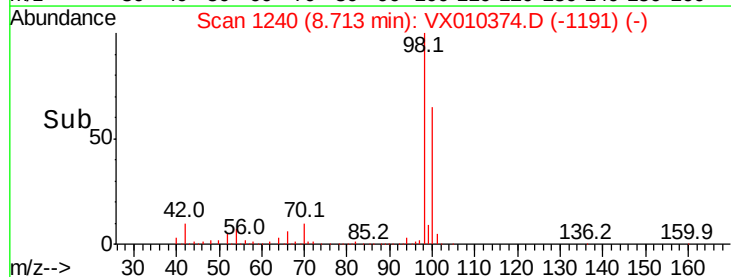
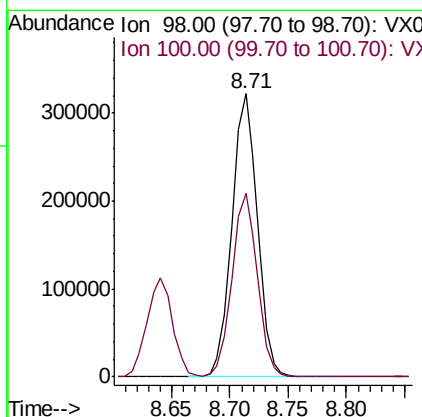
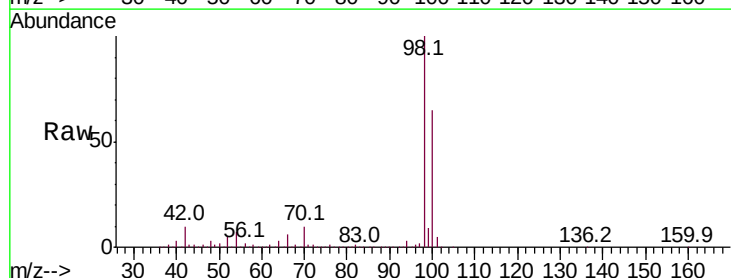
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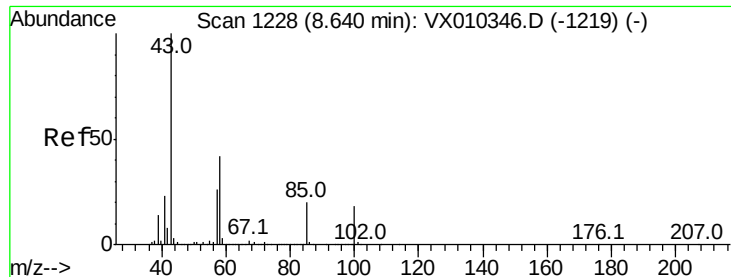
MMDadoda
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#50
Toluene-d8
Concen: 49.658 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





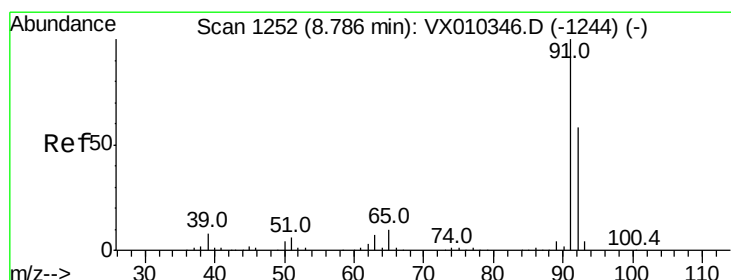
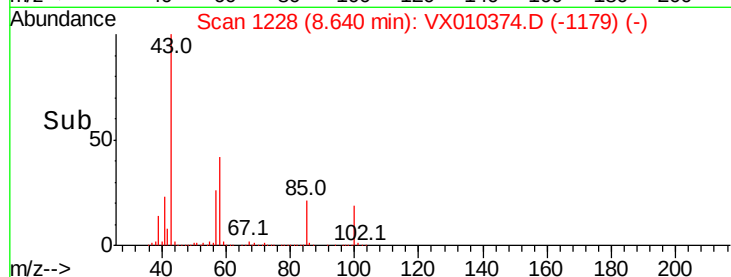
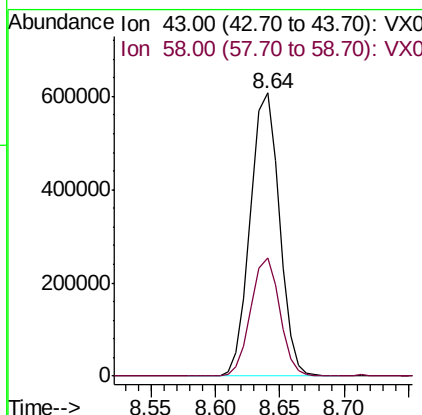
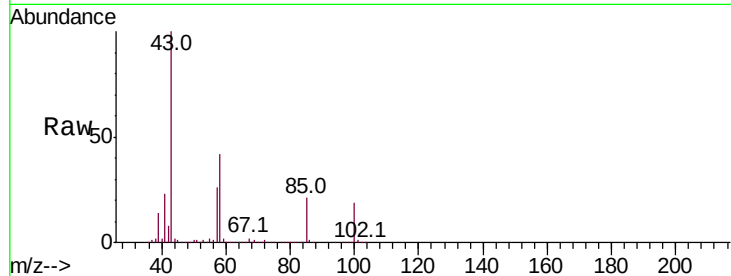
#51
 4-Methyl-2-Pentanone
 Concen: 258.446 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.5	33.5	50.3

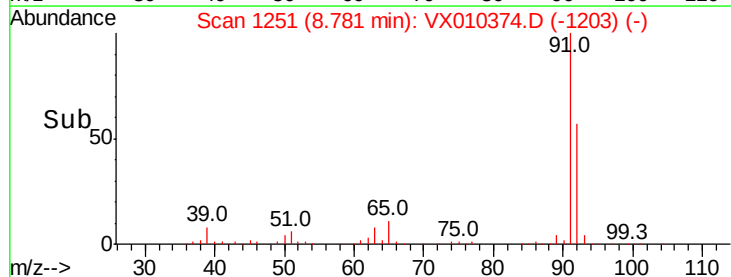
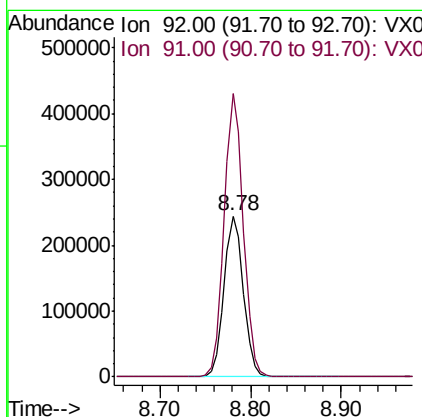
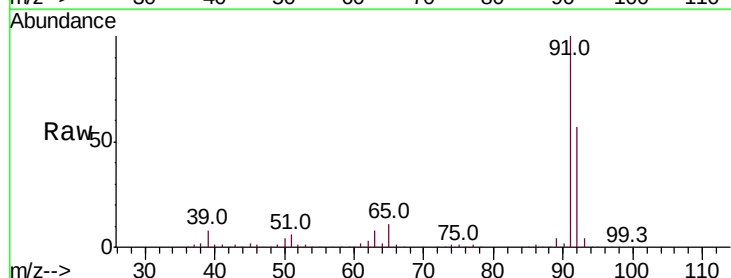
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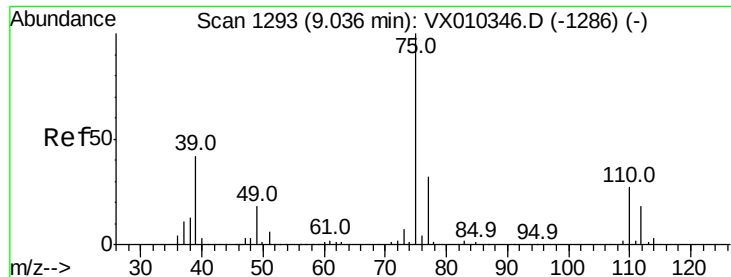
MMDadoda
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#52
 Toluene
 Concen: 52.708 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.8	209.6





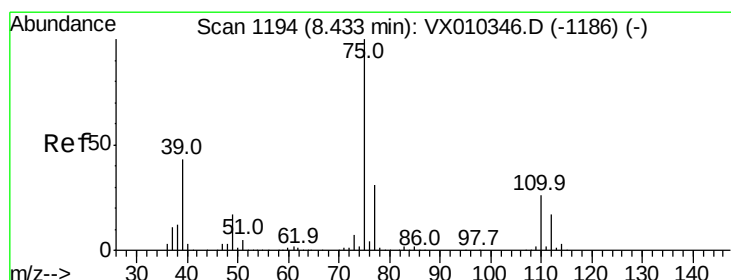
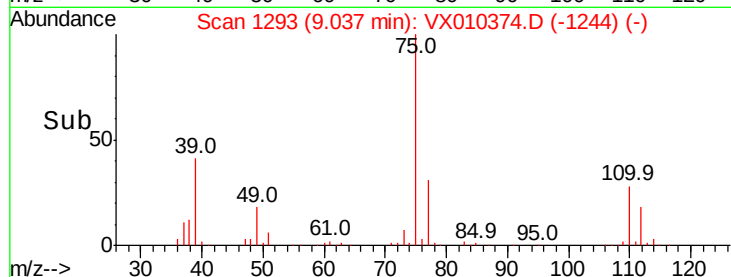
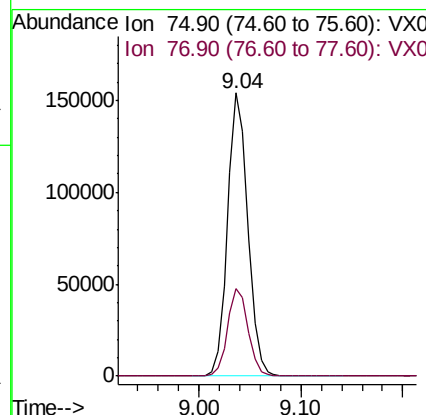
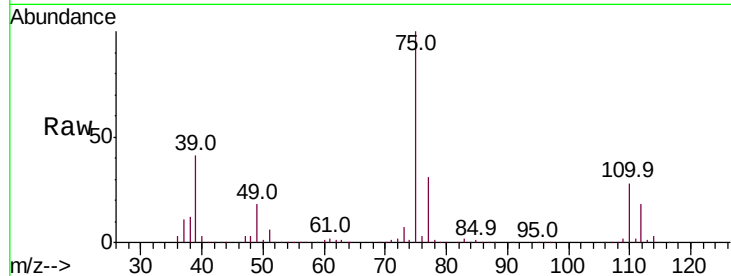
#53
t-1,3-Dichloropropene
Concen: 54.558 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 212970
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

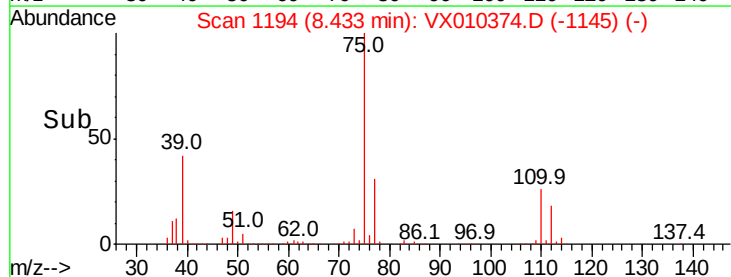
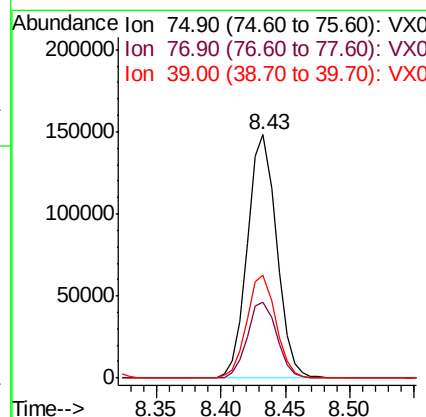
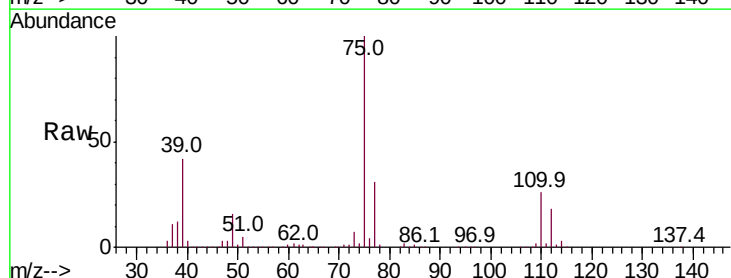
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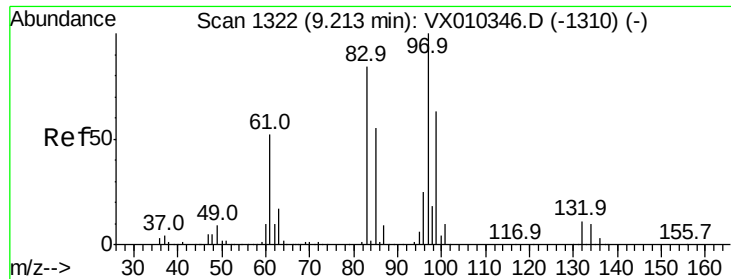
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.674 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 75 Resp: 231929
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 42.2 34.5 51.7





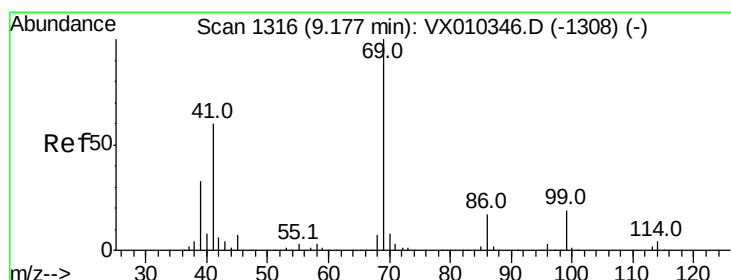
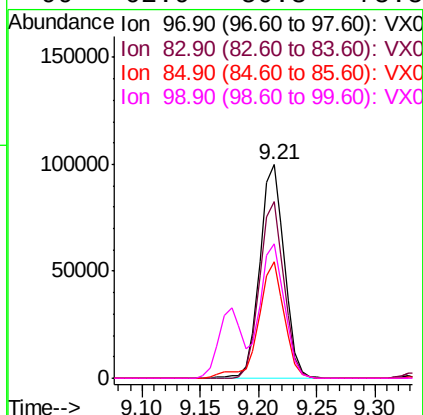
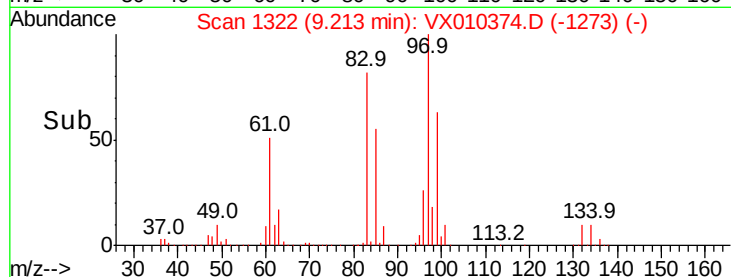
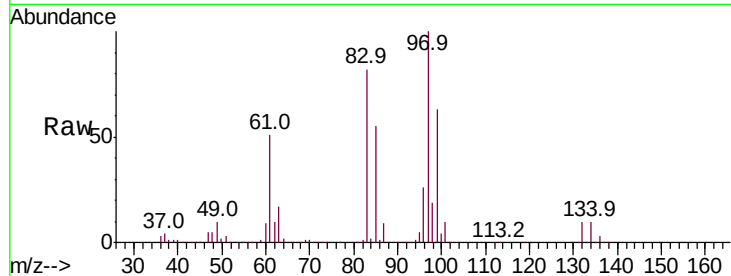
#55
1,1,2-Trichloroethane
Concen: 51.711 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.4	101.0
85	54.6	43.8	65.8
99	62.9	50.3	75.5

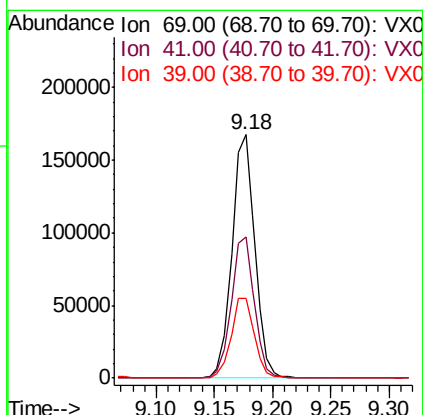
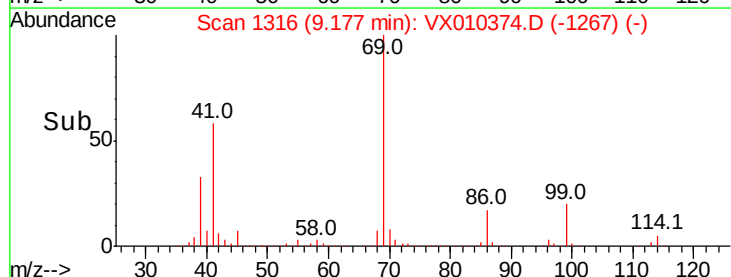
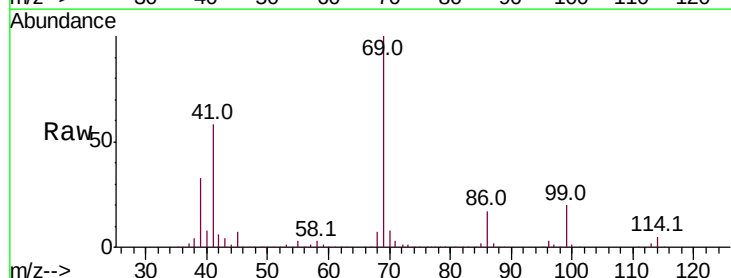
Manual Integrations
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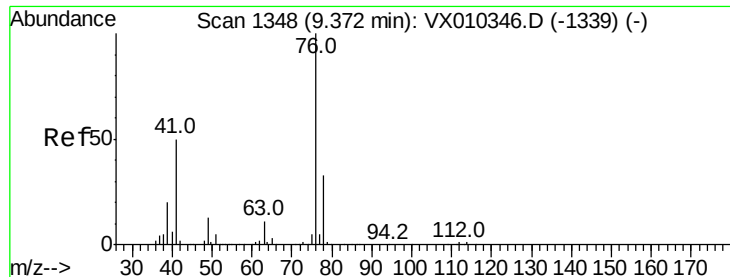
MMDadoda
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#56
Ethyl methacrylate
Concen: 53.062 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.1	70.7
39	33.9	26.6	40.0





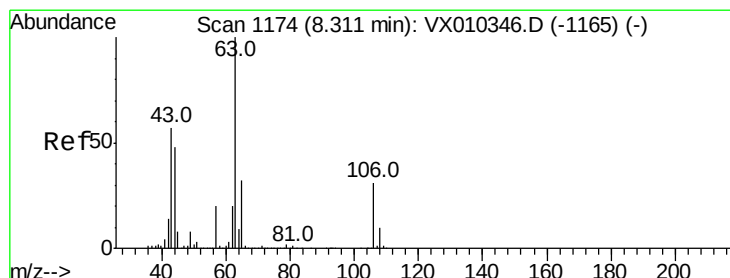
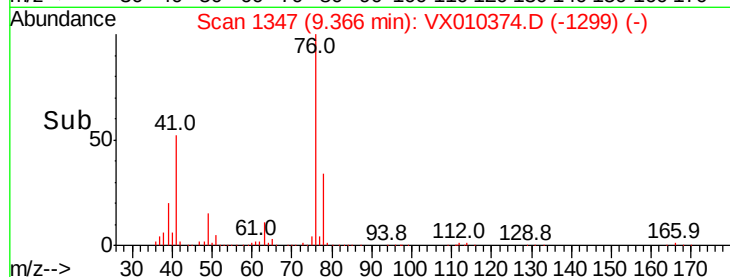
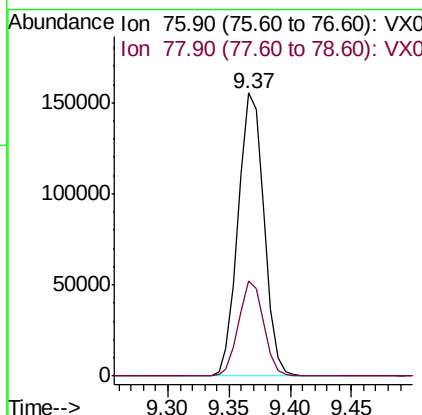
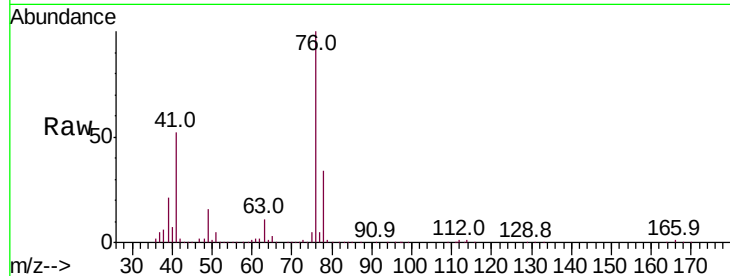
#57
 1,3-Dichloropropane
 Concen: 51.336 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

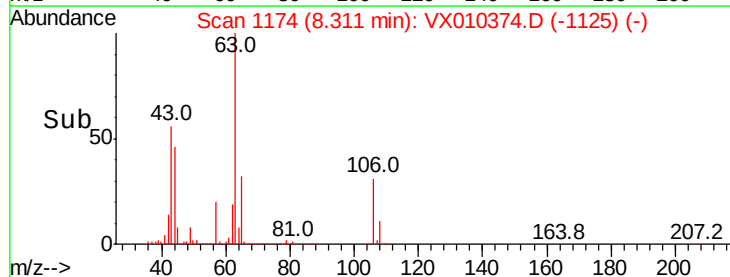
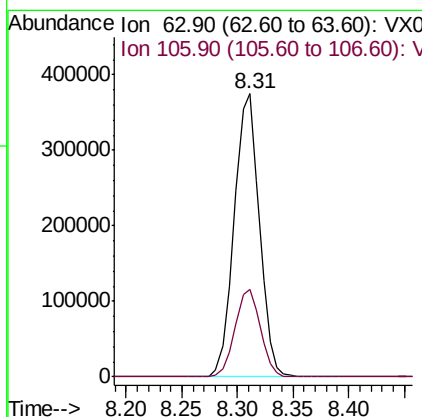
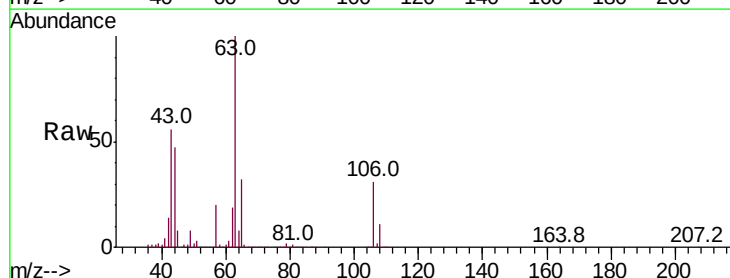
Manual Integrations
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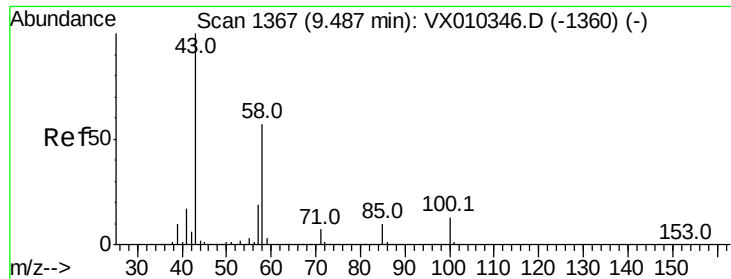
MMDadoda
 6/24/2019 11:22:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.538 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	24.7	37.1





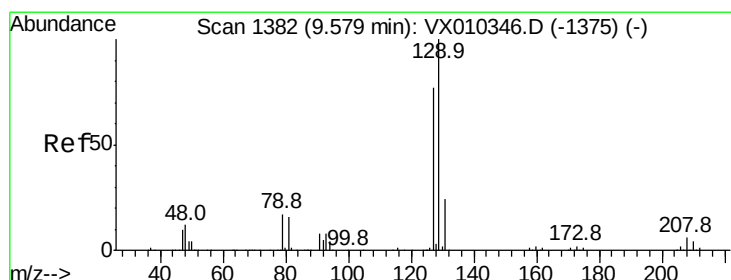
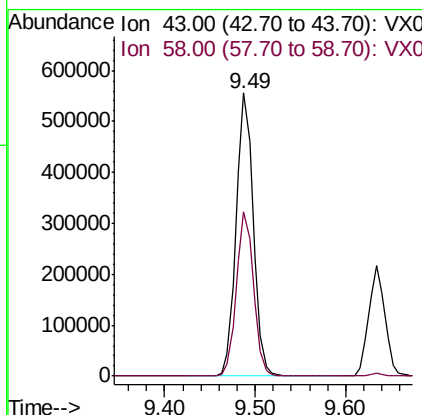
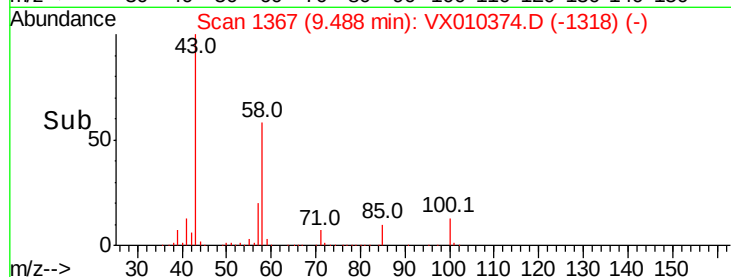
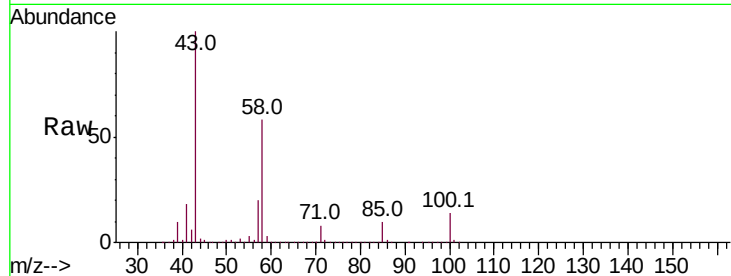
#59
2-Hexanone
Concen: 253.393 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 730687
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1

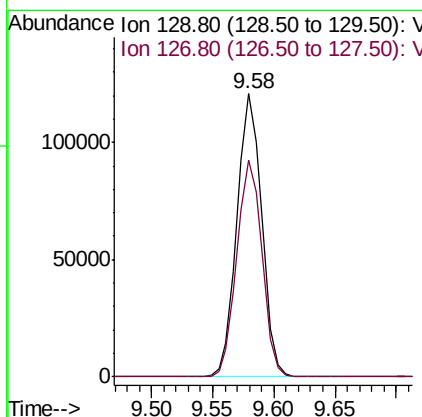
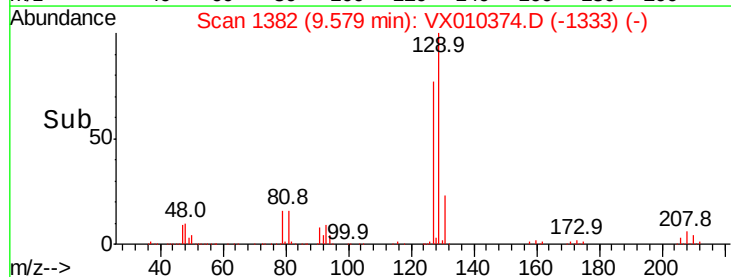
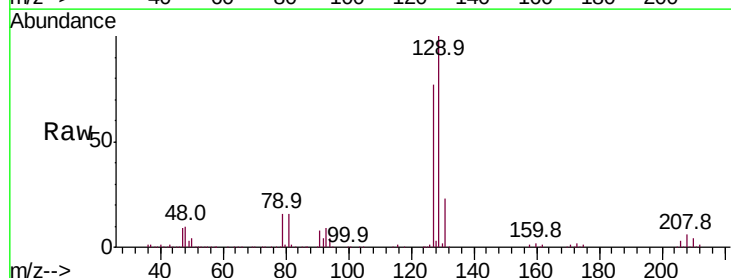
Manual Integrations
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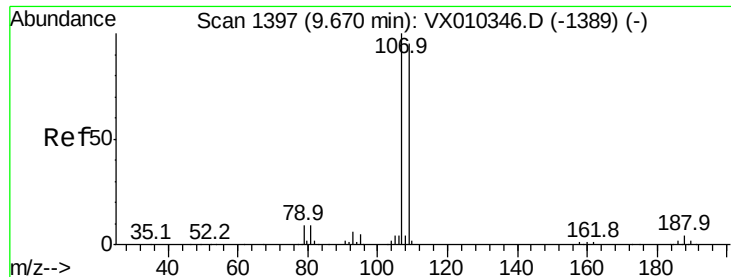
MMDadoda
6/24/2019 11:22:58 AM



#60
Dibromochloromethane
Concen: 52.953 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 129 Resp: 168853
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.218 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 160517

Ion Ratio Lower Upper

107 100

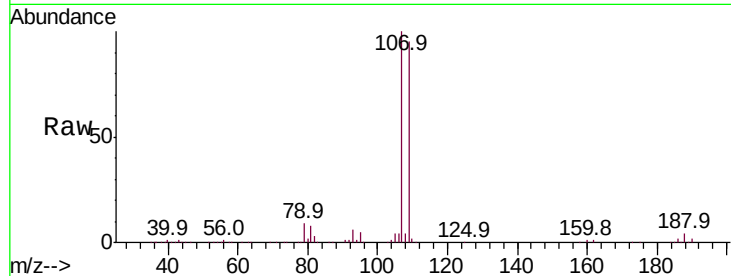
109 94.4 75.8 113.6

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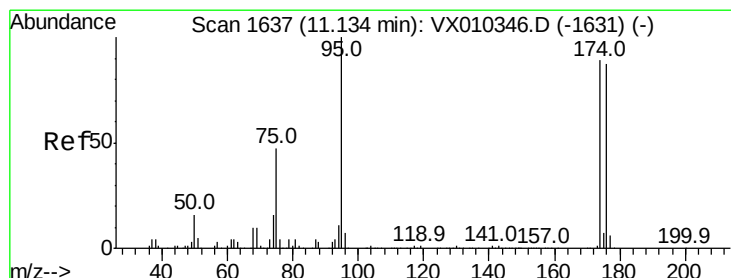
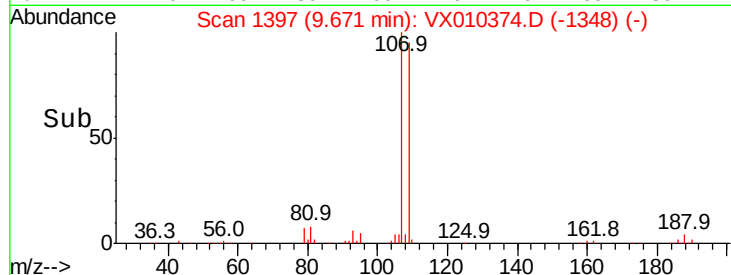
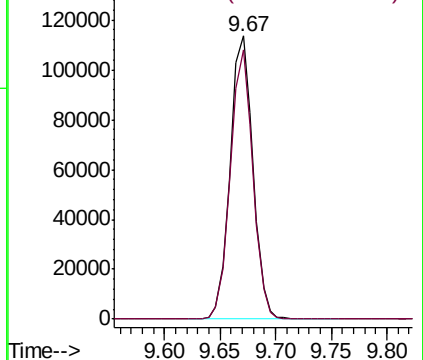
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.021 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

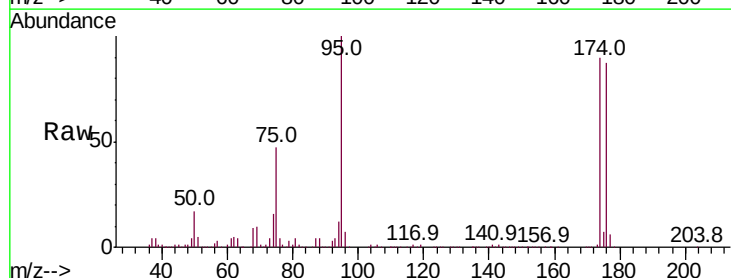
Tgt Ion: 95 Resp: 175463

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.6

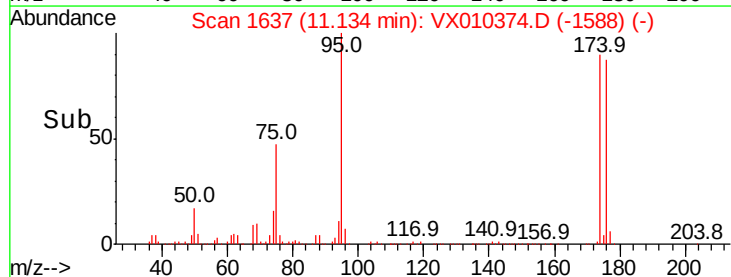
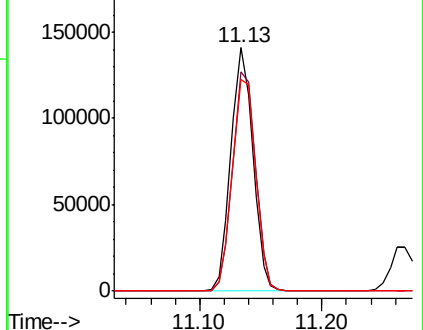
176 92.5 0.0 184.0

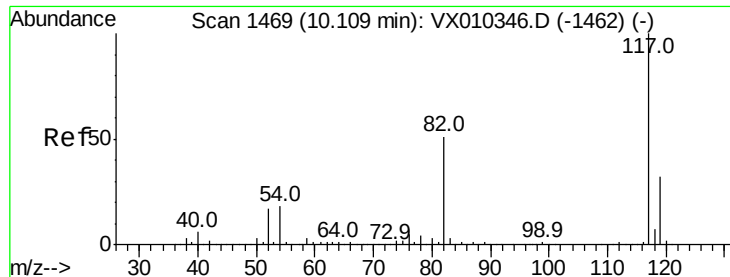


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





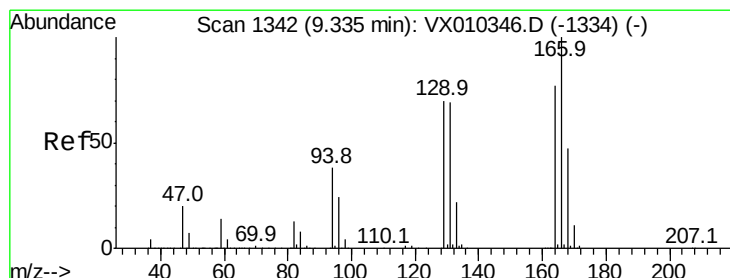
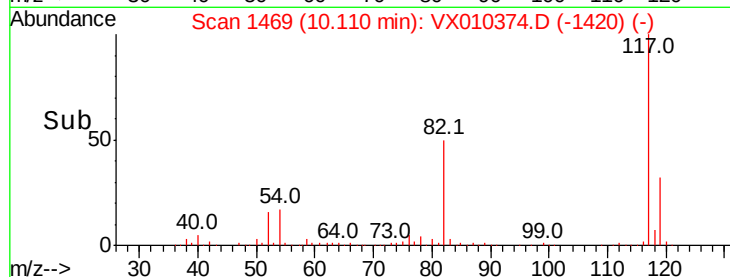
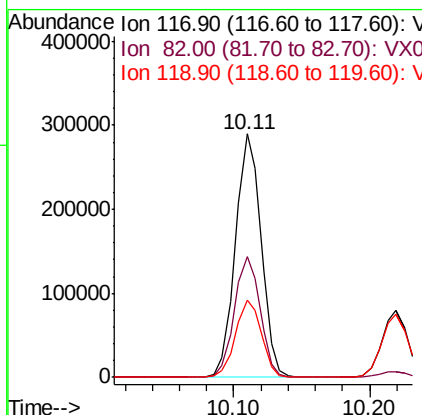
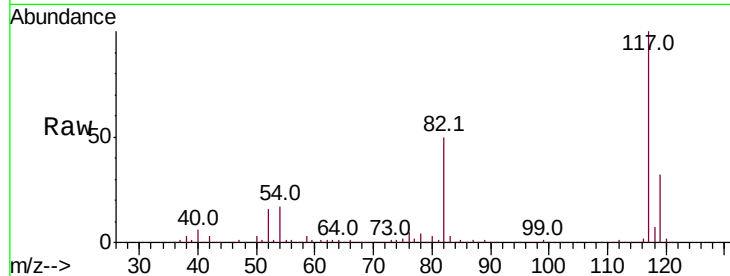
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	49.6	41.2	61.8	
119	31.9	25.5	38.3	

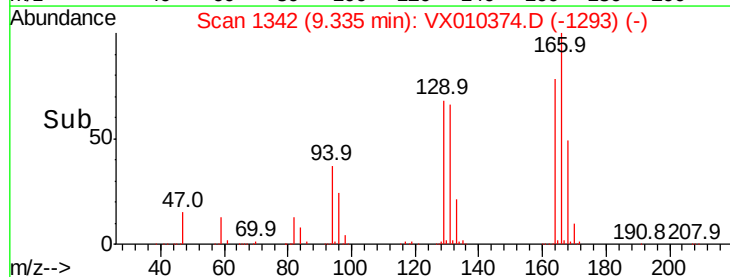
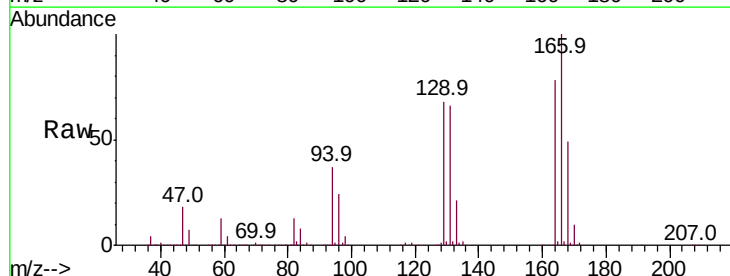
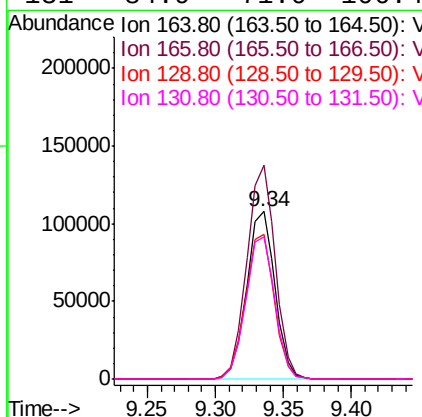
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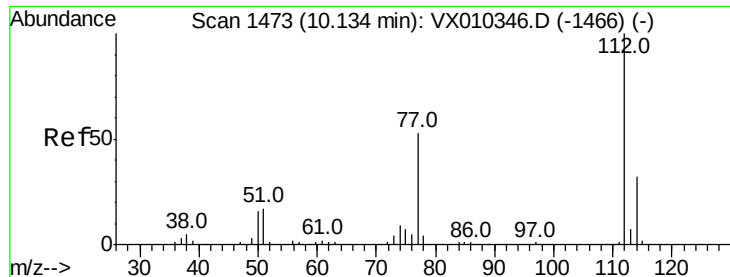
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#64
Tetrachloroethene
Concen: 51.198 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.8	103.6	155.4	
129	86.8	73.0	109.4	
131	84.9	71.0	106.4	





#65

Chlorobenzene

Concen: 52.453 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 406280

Ion Ratio Lower Upper

112 100

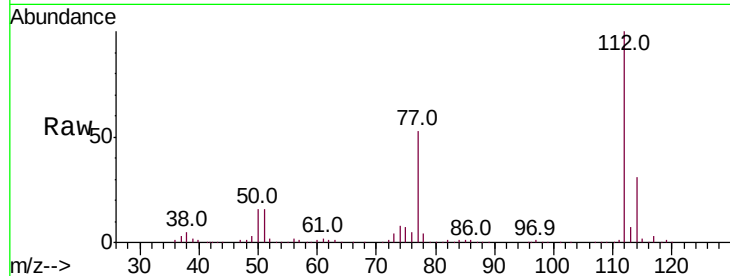
114 31.4 25.4 38.2

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

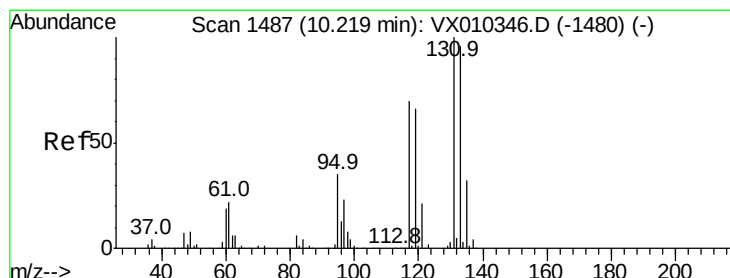
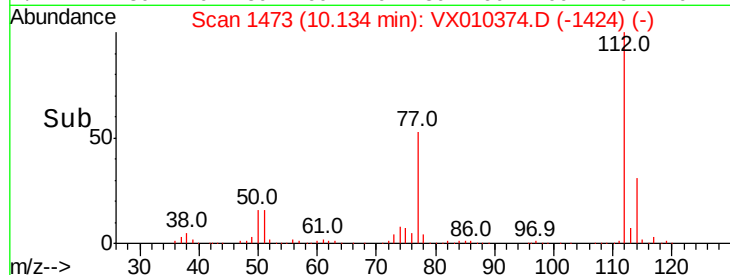
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.431 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

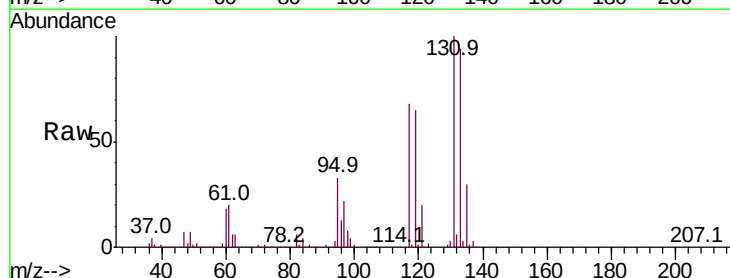
Tgt Ion:131 Resp: 153570

Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

119 65.9 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

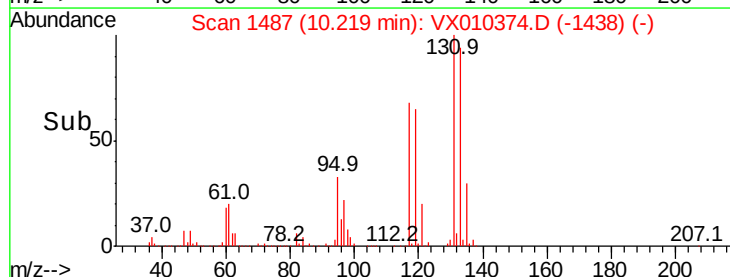
150000

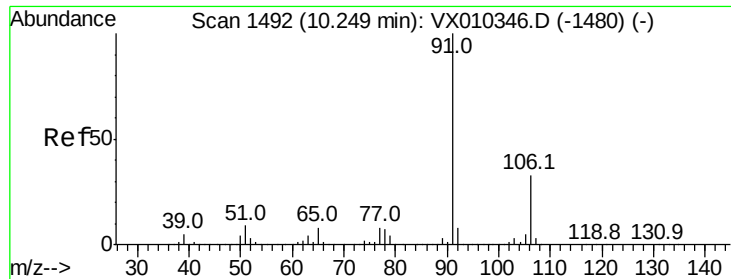
100000

50000

0

Time-->





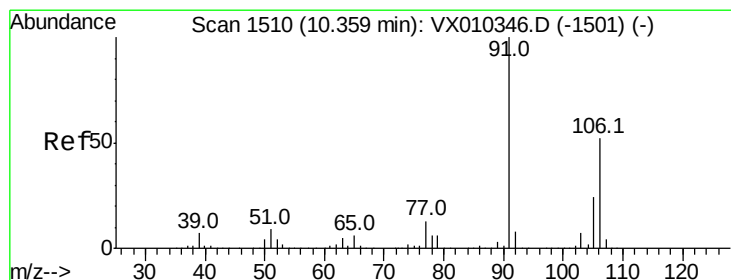
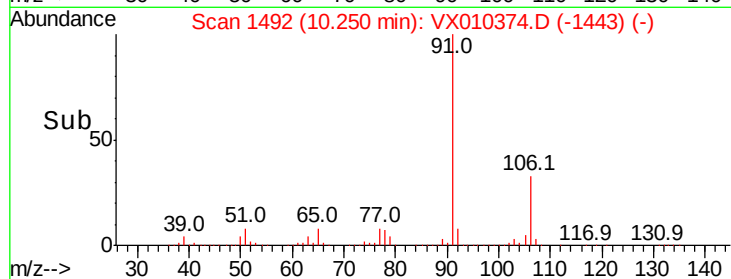
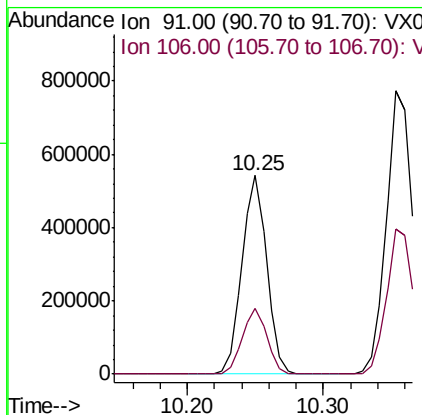
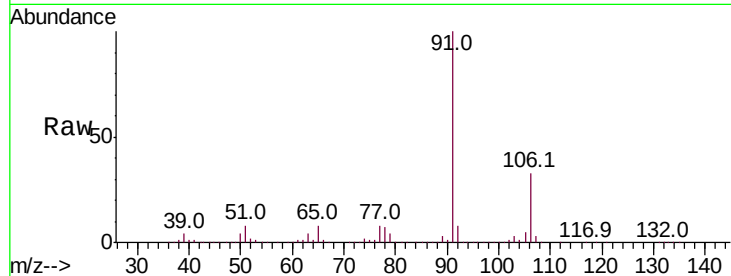
#67
Ethyl Benzene
Concen: 52.735 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 689582
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2

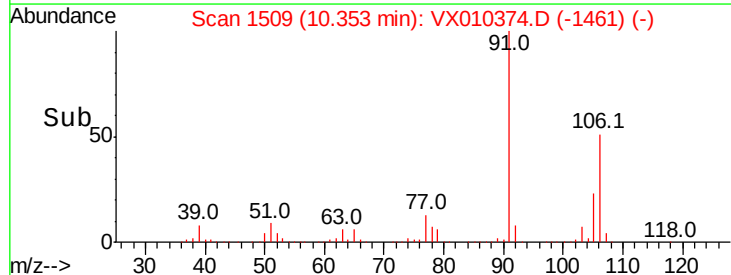
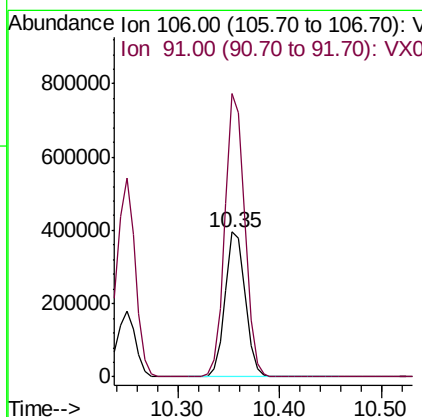
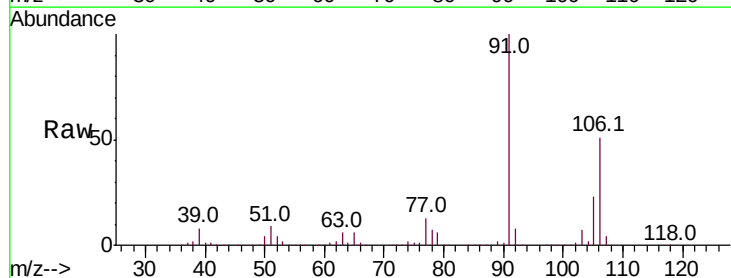
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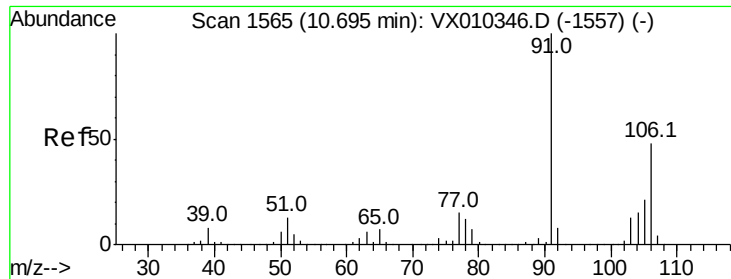
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#68
m/p-Xylenes
Concen: 106.788 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 106 Resp: 541065
Ion Ratio Lower Upper
106 100
91 192.5 155.3 232.9





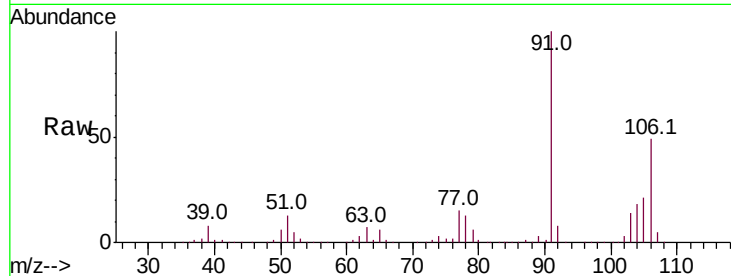
#69
o-Xylene
Concen: 52.493 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

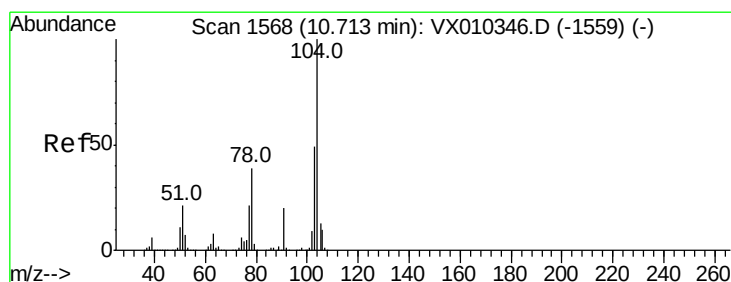
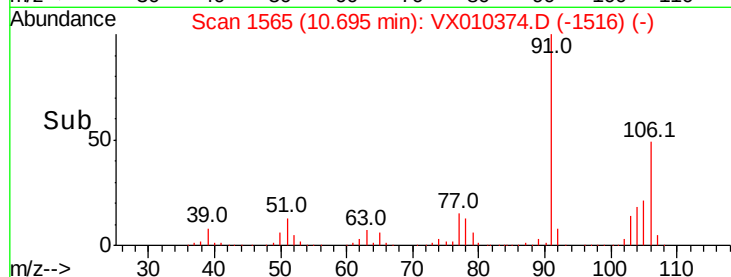
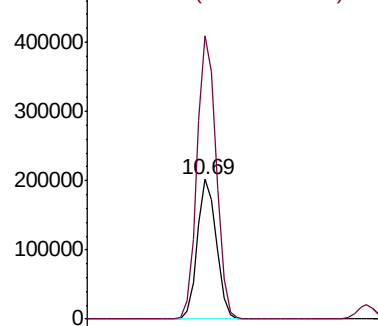
Tot Ion:106 Resp: 261553
Ion Ratio Lower Upper
106 100
91 203.9 102.7 308.1

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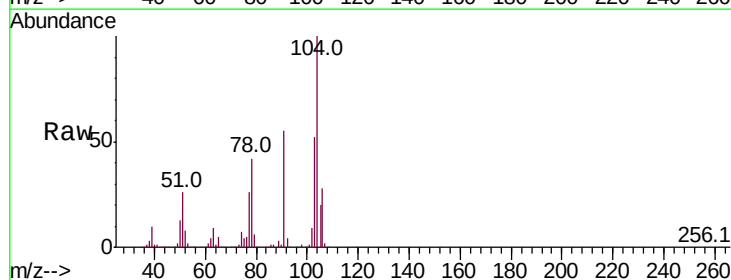


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

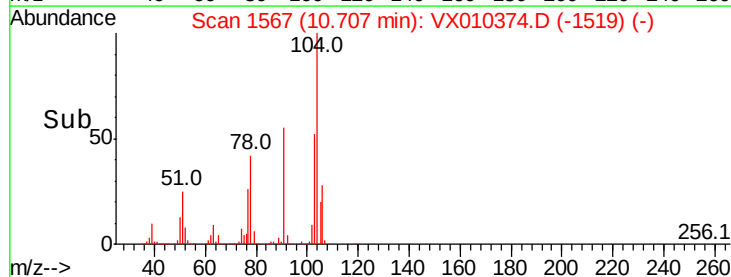
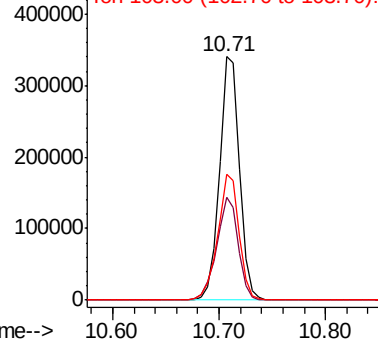


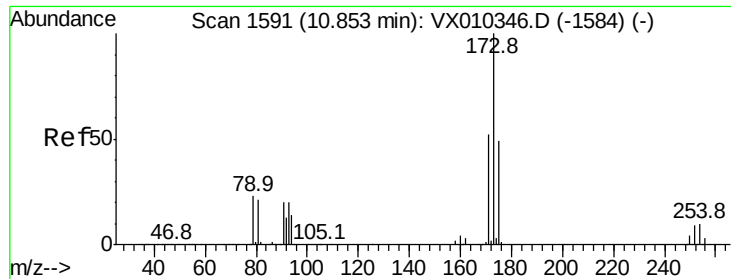
#70
Styrene
Concen: 53.660 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion:104 Resp: 448387
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.2
103 55.3 44.2 66.4



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





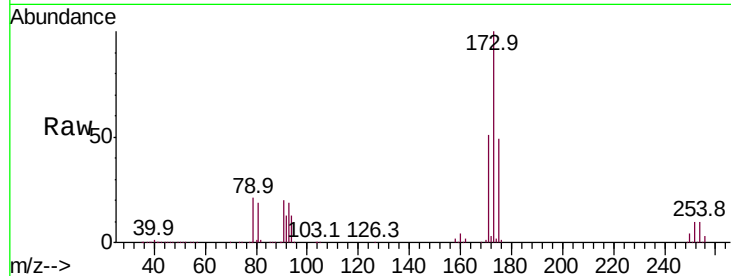
#71
Bromoform
Concen: 55.430 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

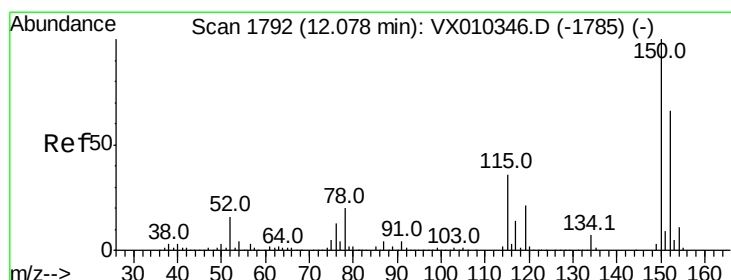
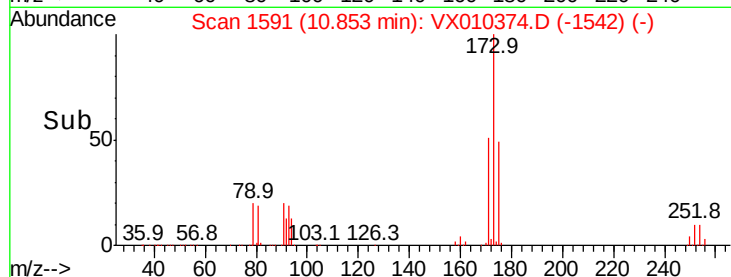
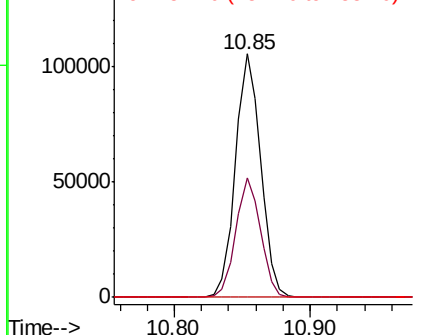
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.3
254	0.2	0.2	0.2

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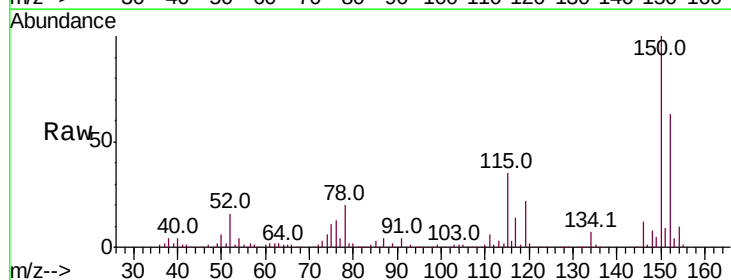


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

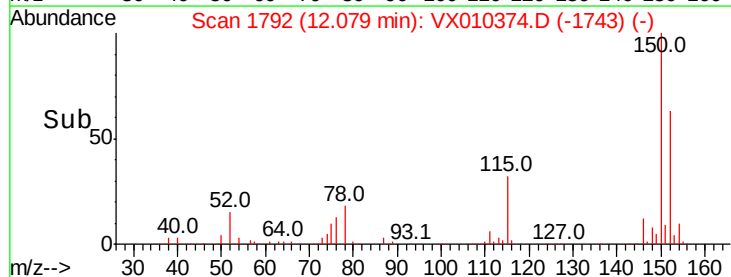
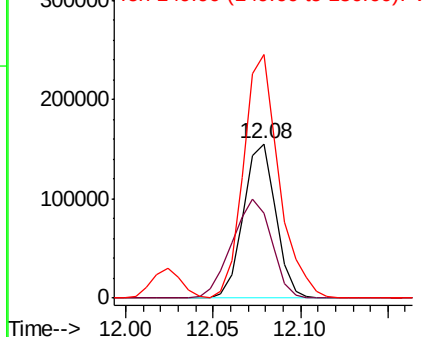


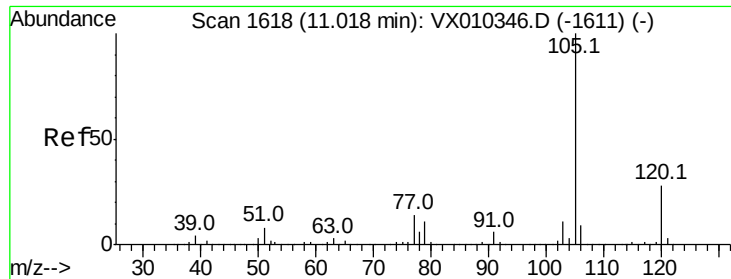
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	38.6	115.7
150	173.1	0.0	347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





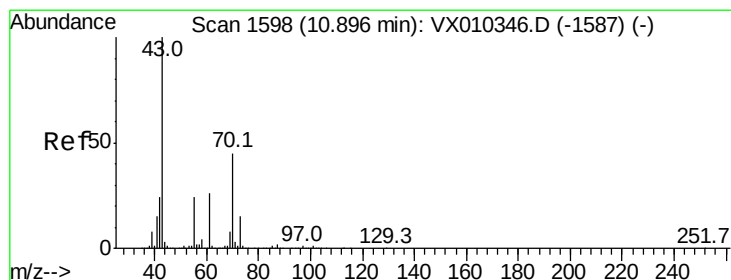
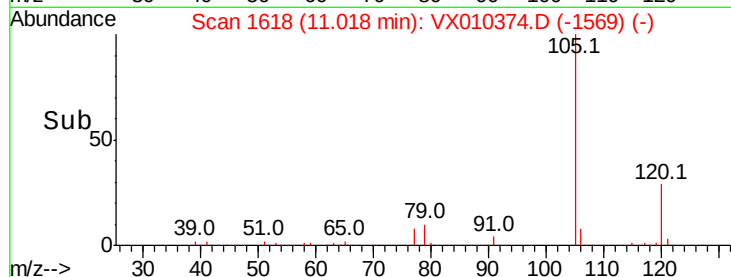
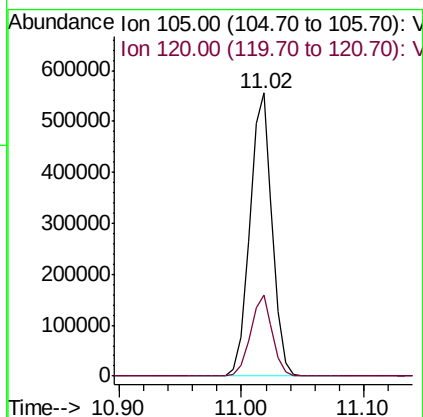
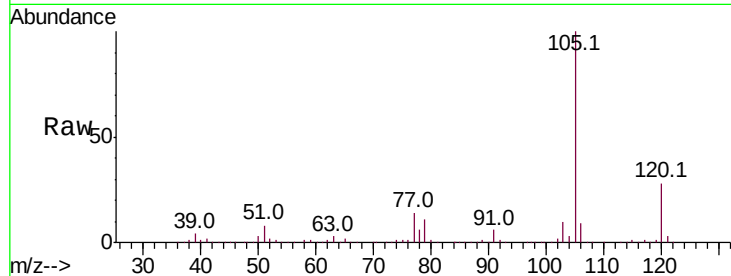
#73
Isopropylbenzene
Concen: 51.832 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	14.1	42.4

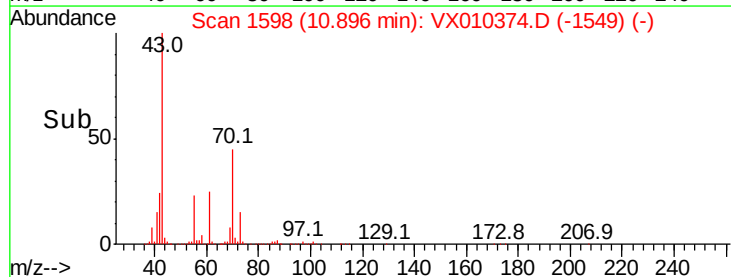
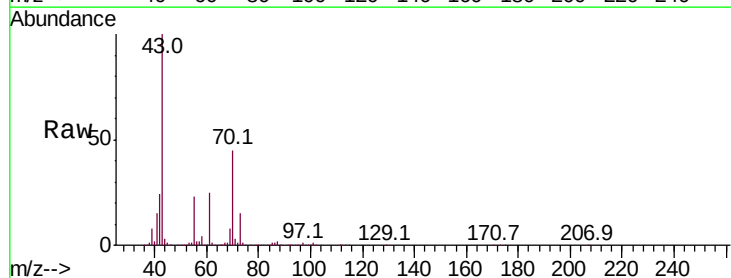
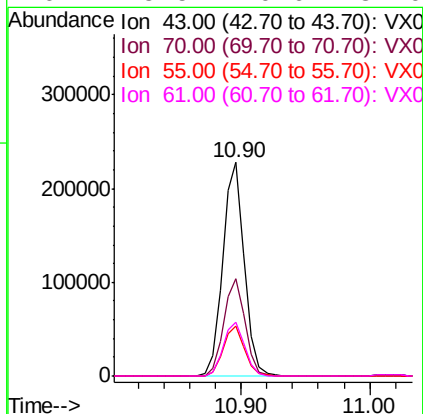
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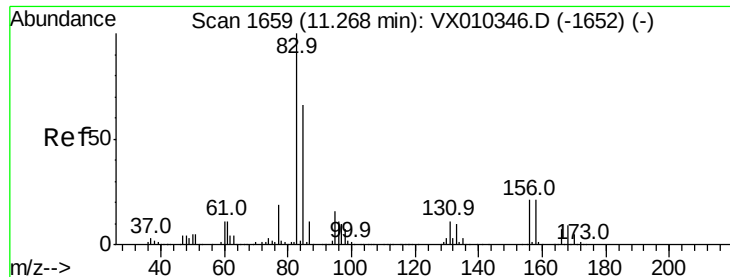
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#74
N-ethyl acetate
Concen: 52.467 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.4	36.6	54.8
55	23.5	18.7	28.1
61	25.5	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.170 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 224504
Ion Ratio Lower Upper

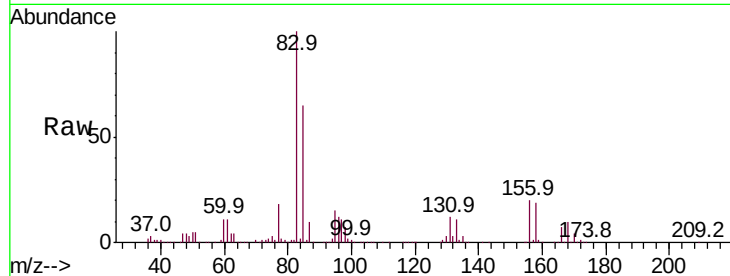
83 100

131 11.2 5.5 16.4

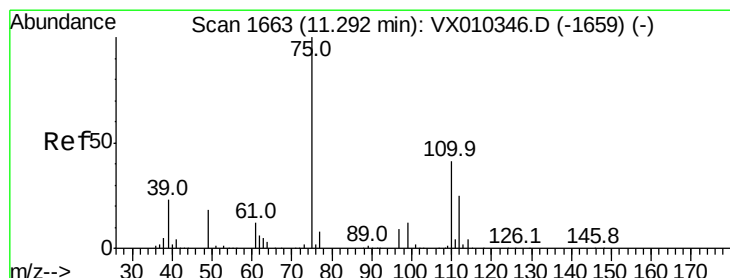
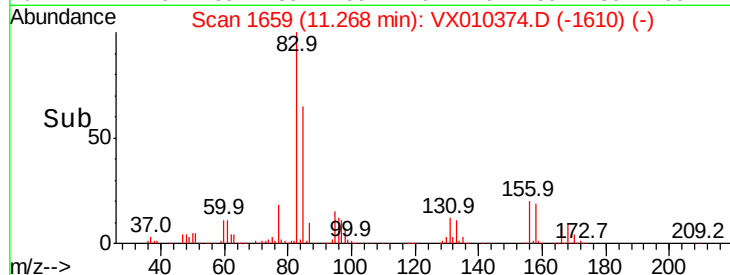
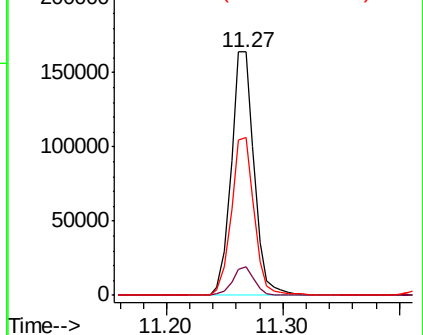
85 64.5 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.207 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

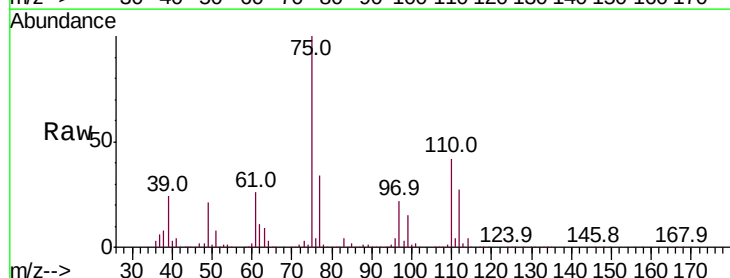
Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

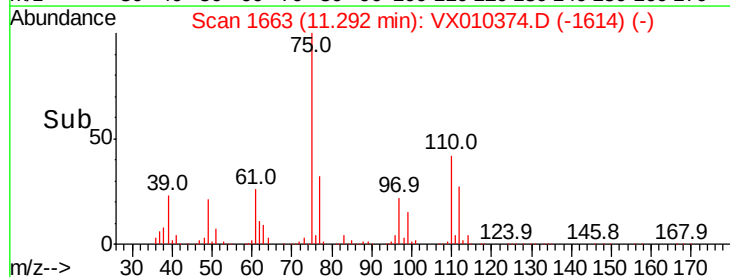
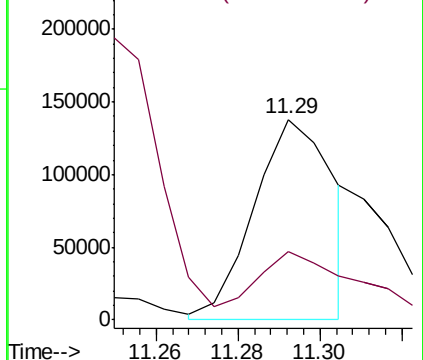
Tgt Ion: 75 Resp: 185999
Ion Ratio Lower Upper

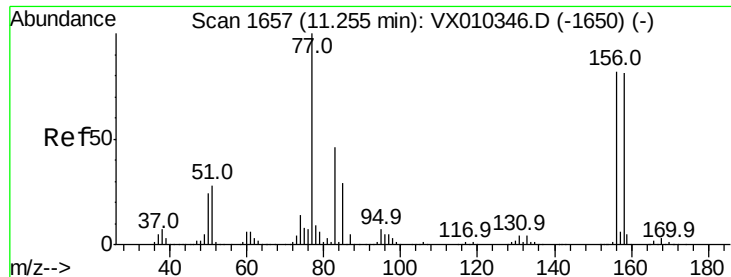
75 100

77 44.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.483 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 190469

Ion Ratio Lower Upper

156 100

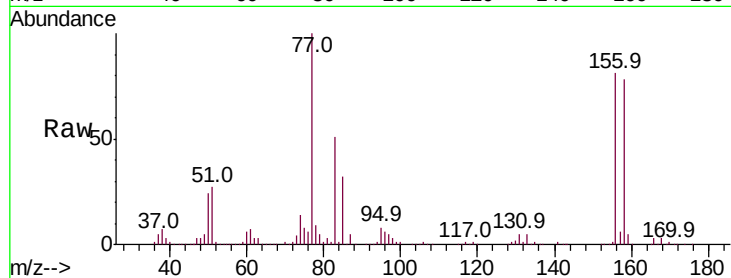
77 132.9 66.3 198.7

158 97.3 48.9 146.7

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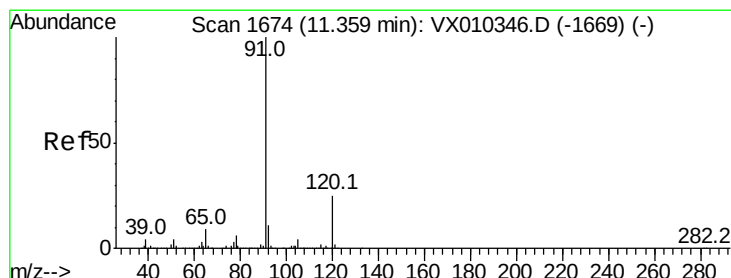
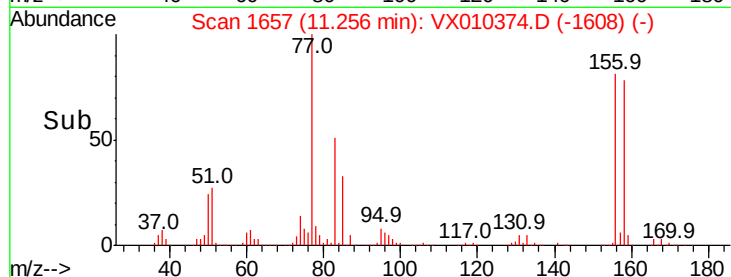
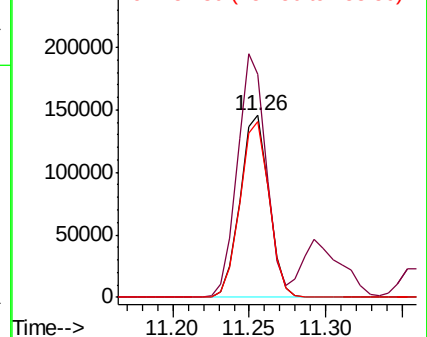


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.600 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010374.D

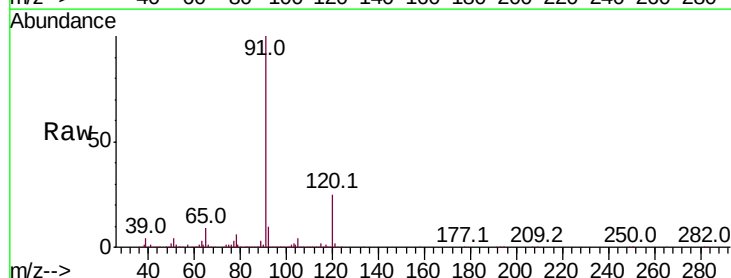
Acq: 21 Jun 2019 10:35

Tgt Ion: 91 Resp: 795988

Ion Ratio Lower Upper

91 100

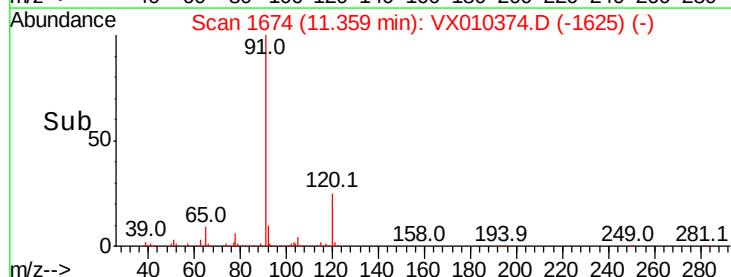
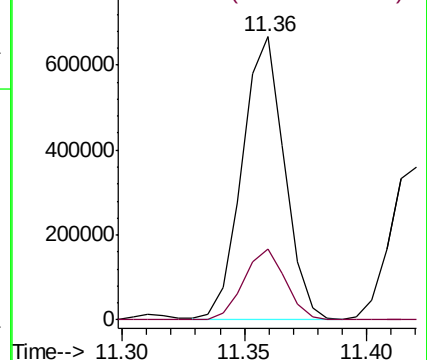
120 25.0 12.4 37.4

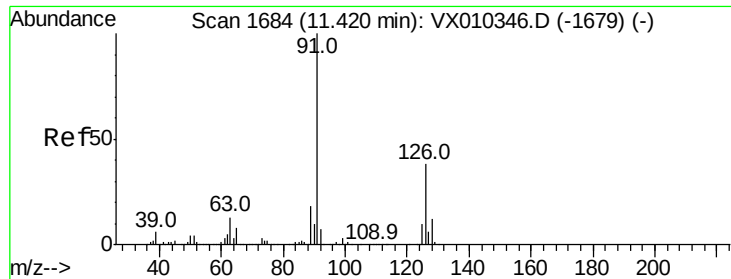


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.453 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 455005

Ion Ratio Lower Upper

91 100

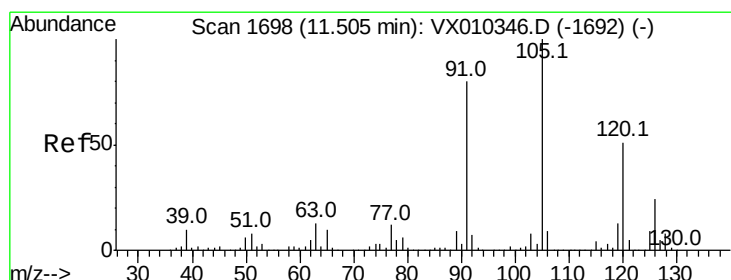
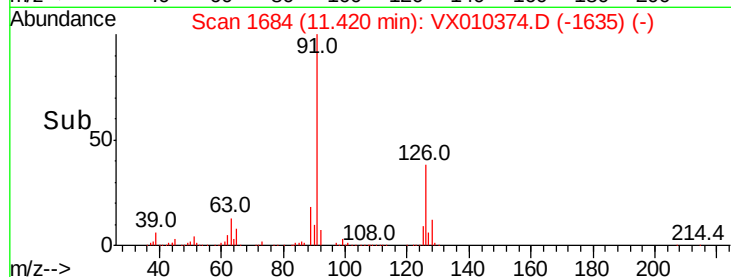
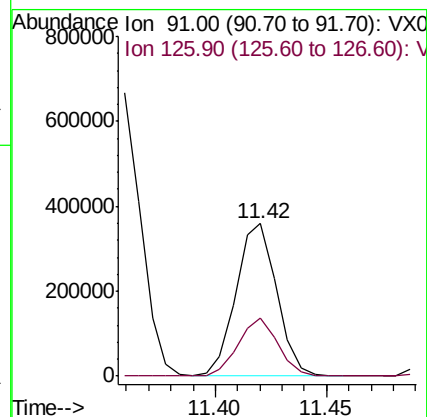
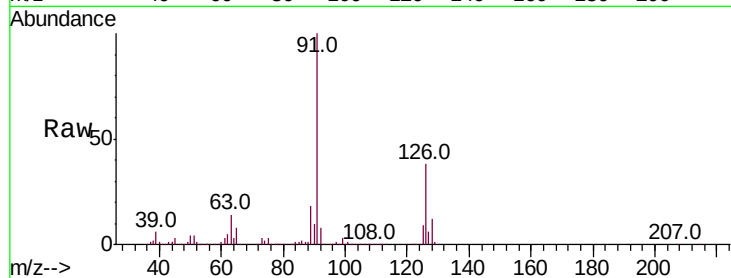
126 37.3 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 52.708 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010374.D

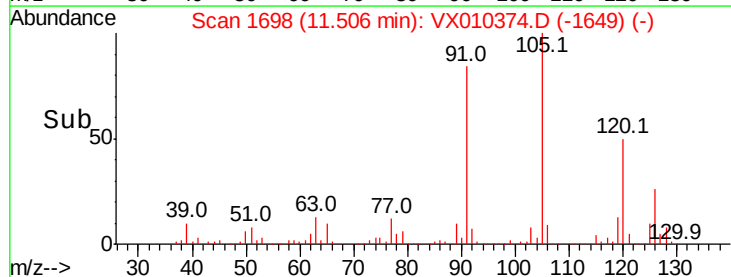
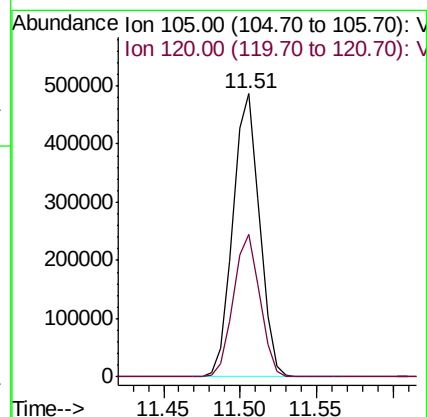
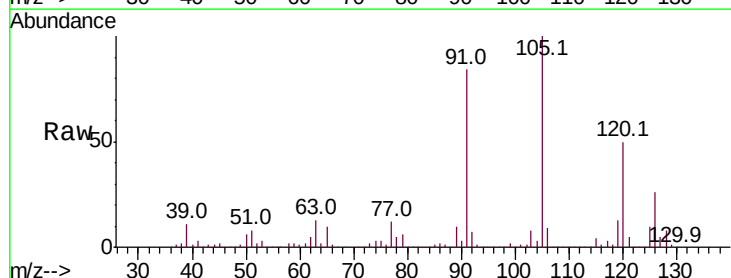
Acq: 21 Jun 2019 10:35

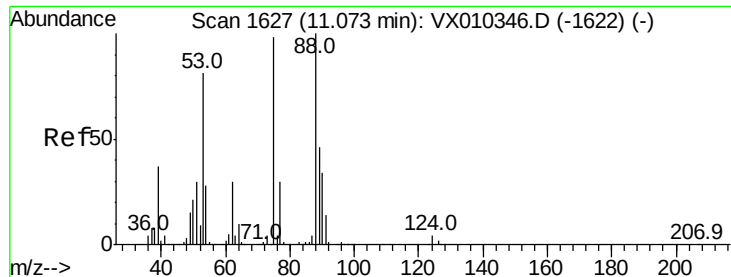
Tgt Ion: 105 Resp: 587119

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6





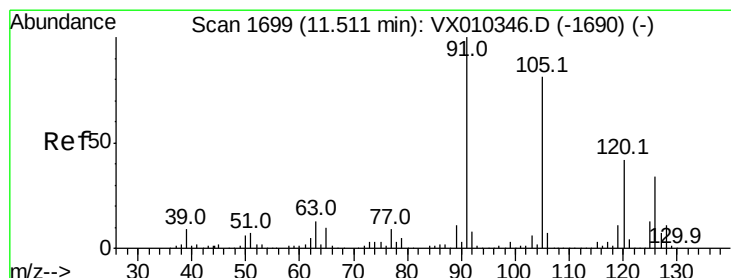
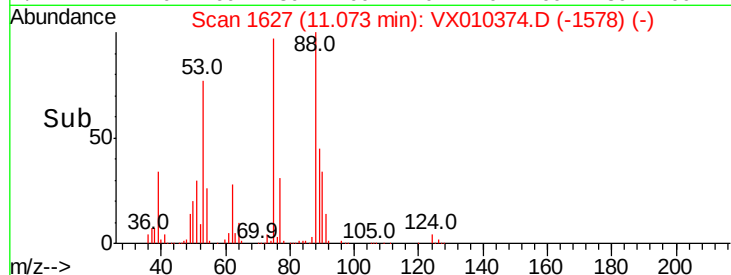
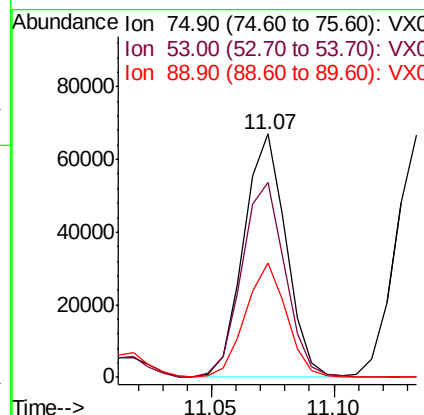
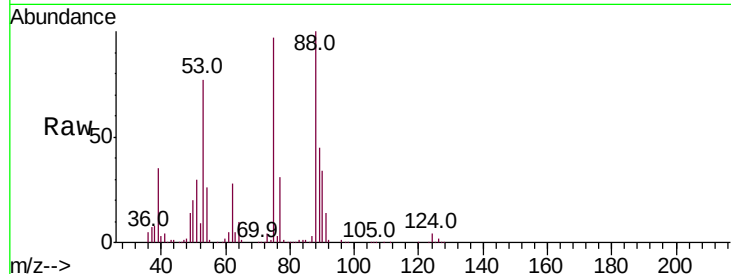
#81
trans-1,4-Dichloro-2-butene
Concen: 51.617 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.7	66.1	99.1
89	46.0	37.8	56.6

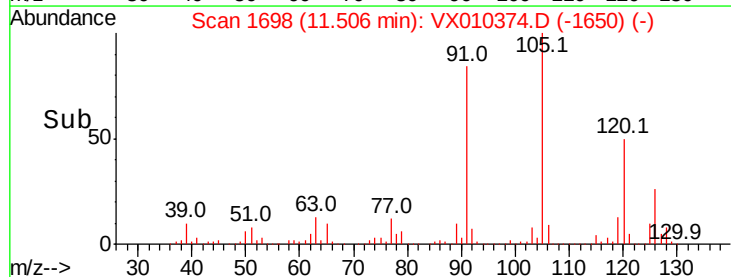
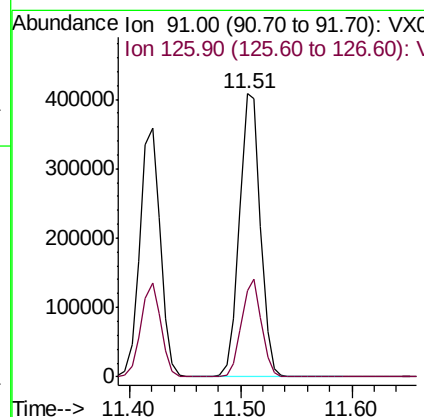
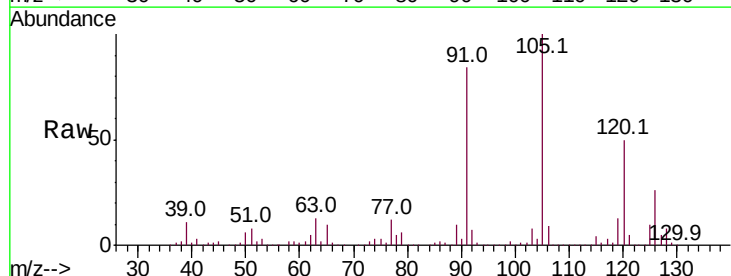
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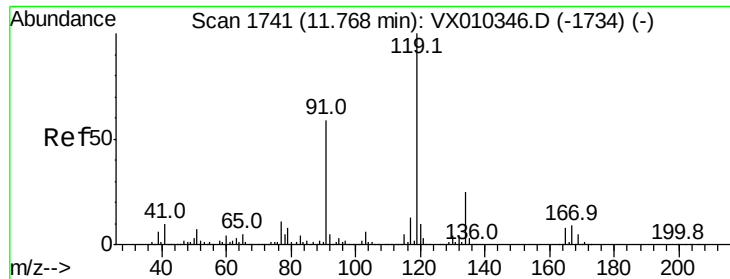
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#82
4-Chlorotoluene
Concen: 52.813 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6





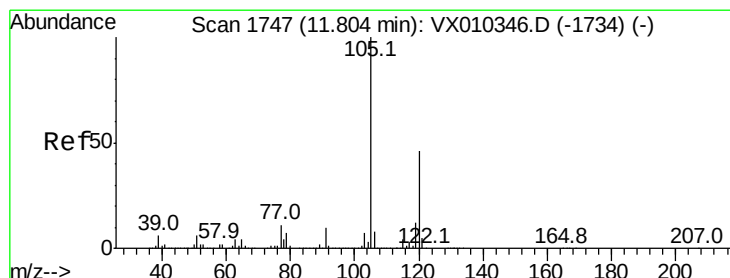
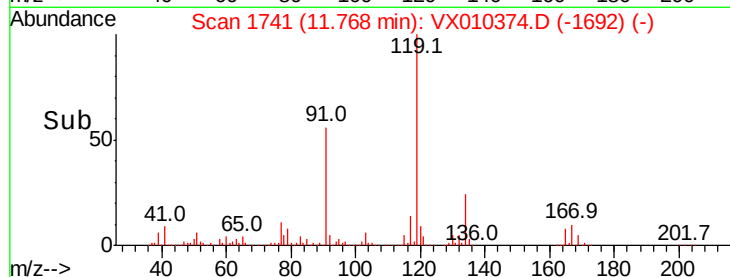
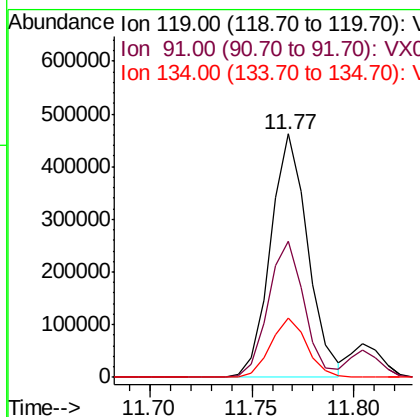
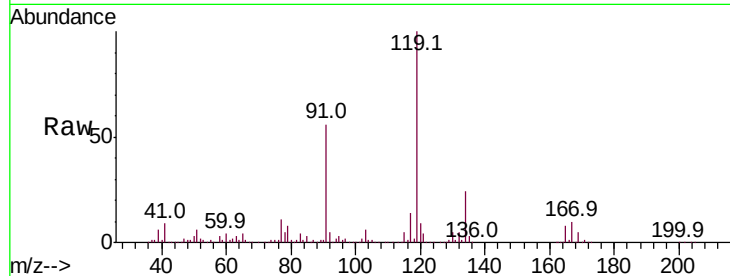
#83
 tert-Butylbenzene
 Concen: 52.649 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	588623		
91	54.3		27.6	82.7
134	23.5		11.8	35.4

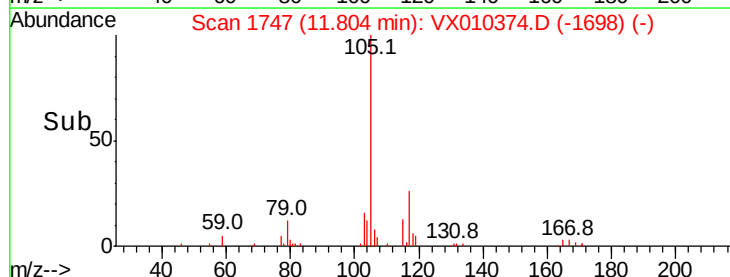
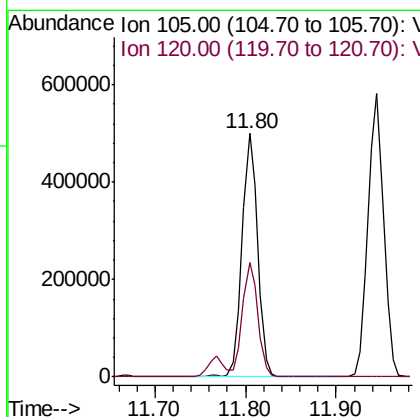
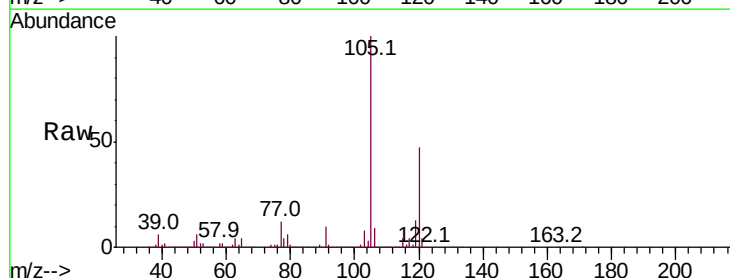
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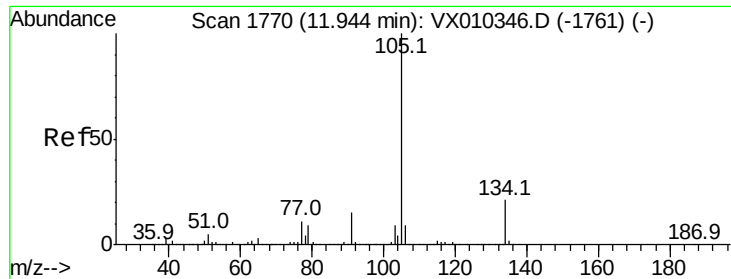
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.205 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	595431		
120	46.7		23.1	69.2





#85

sec-Butylbenzene

Concen: 53.354 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 700378

Ion Ratio Lower Upper

105 100

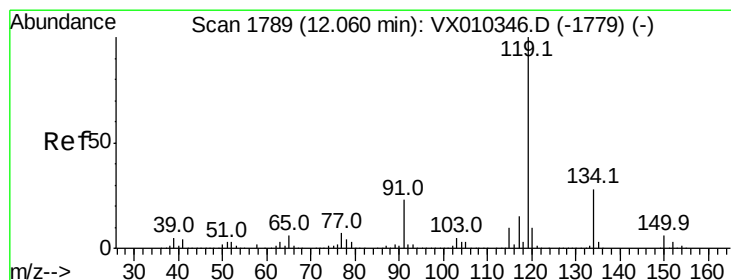
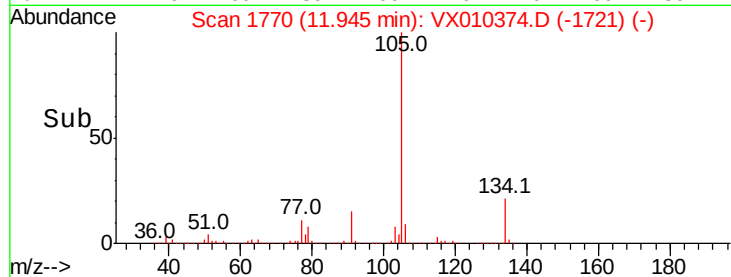
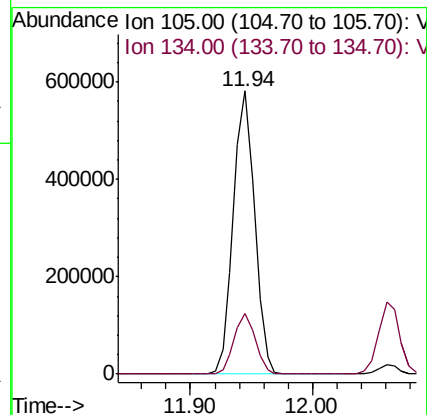
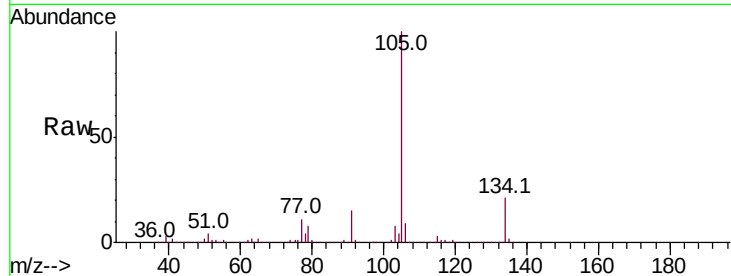
134 21.2 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 53.872 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

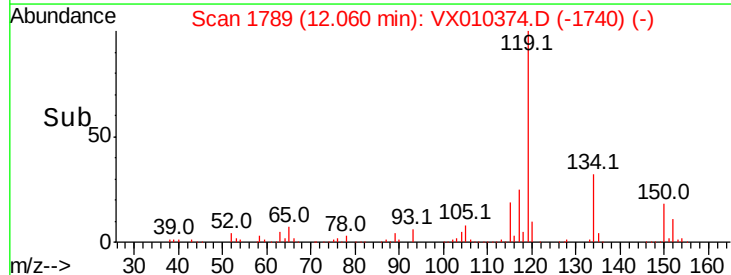
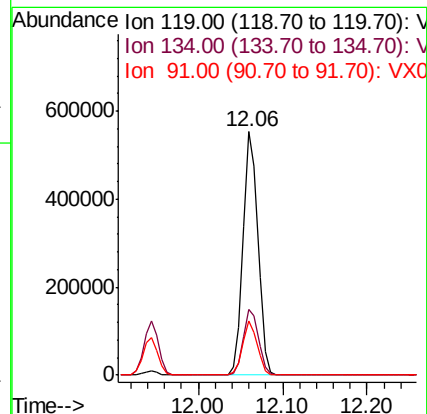
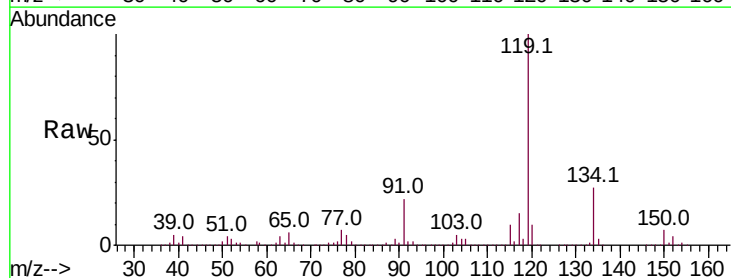
Tgt Ion:119 Resp: 654121

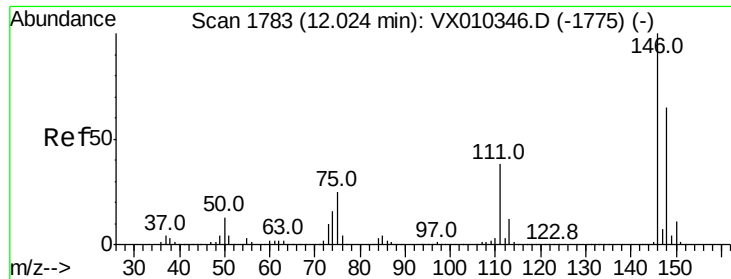
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 21.9 11.3 33.8





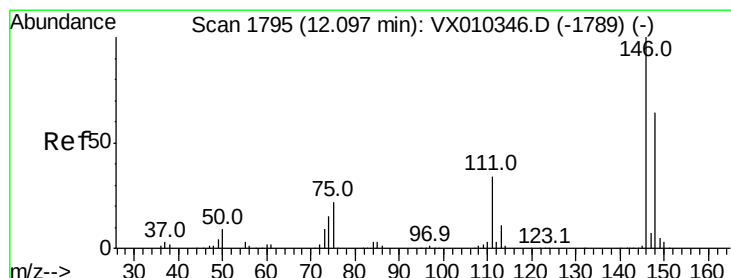
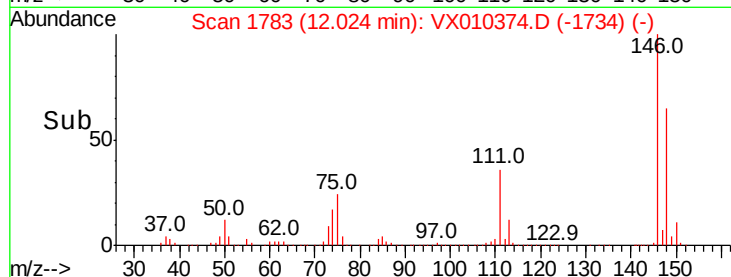
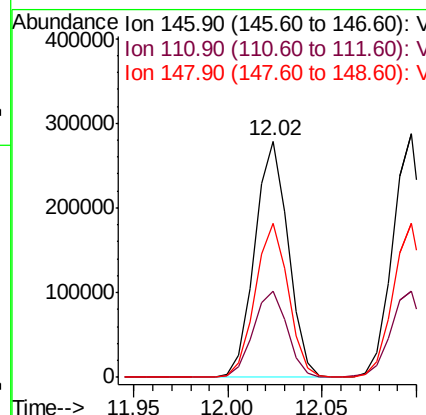
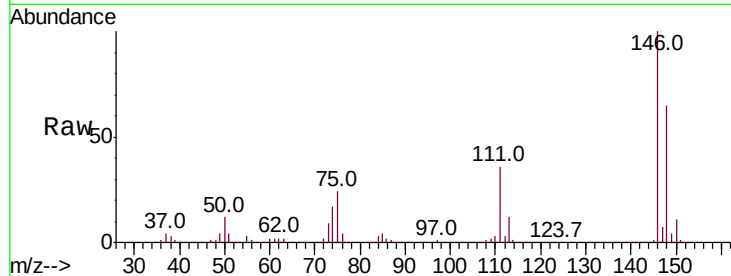
#87
 1,3-Dichlorobenzene
 Concen: 52.044 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	64.6	32.5	97.4

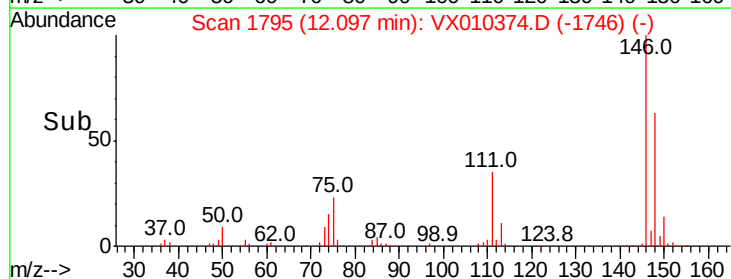
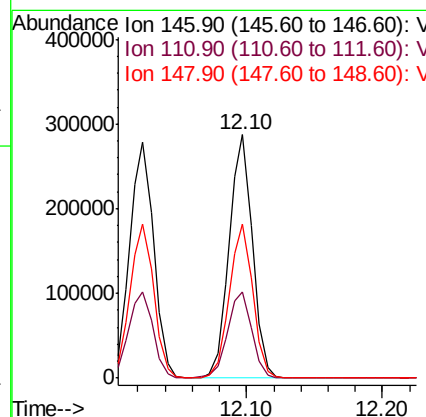
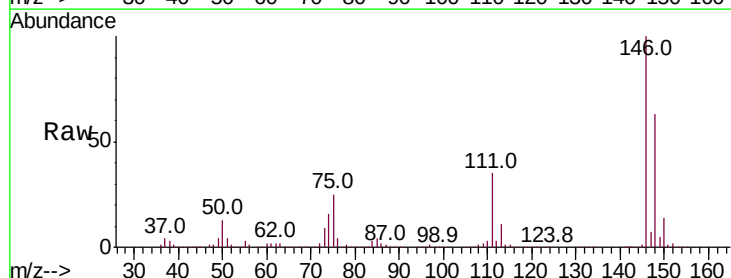
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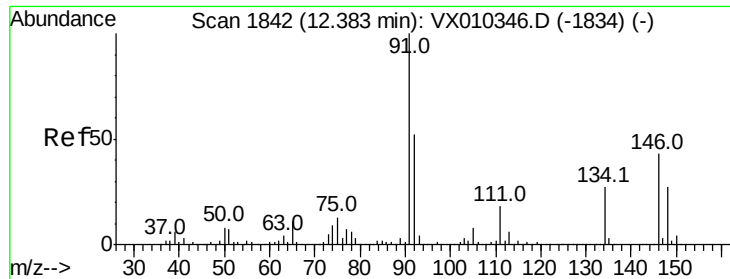
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#88
 1,4-Dichlorobenzene
 Concen: 50.665 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.3
148	63.8	32.1	96.3





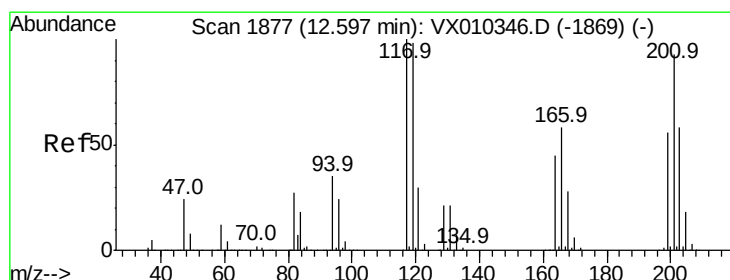
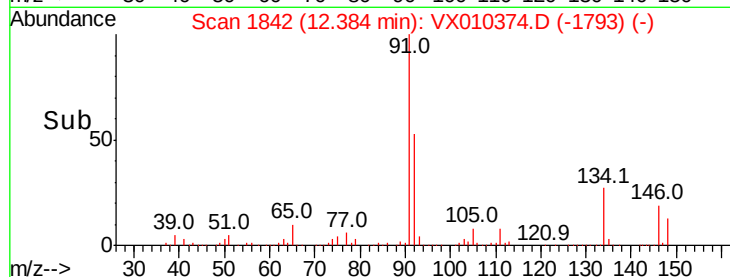
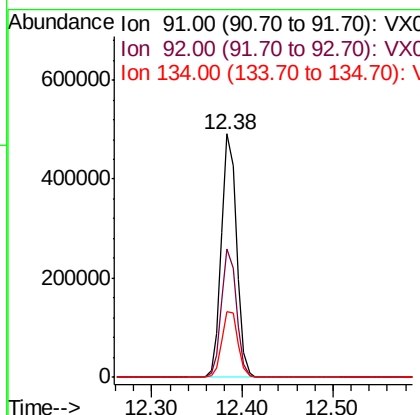
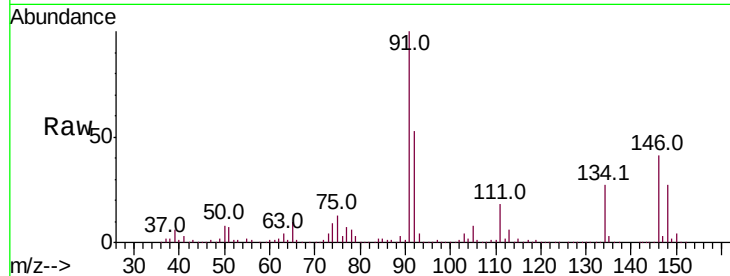
#89
n-Butylbenzene
Concen: 55.753 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	28.4	14.1	42.4

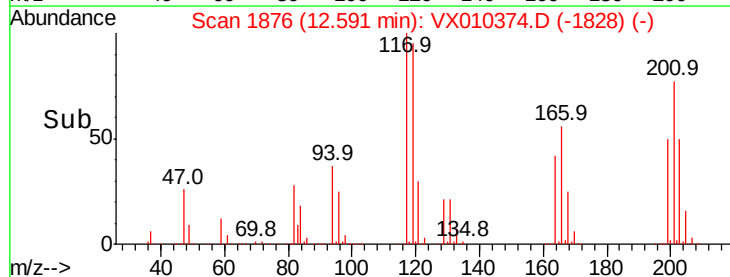
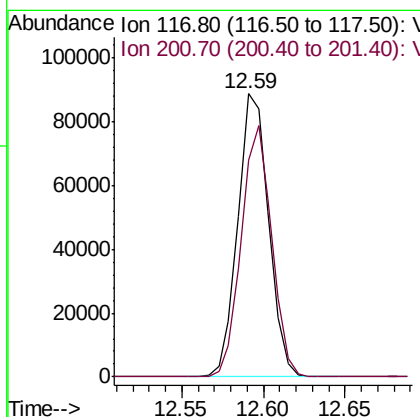
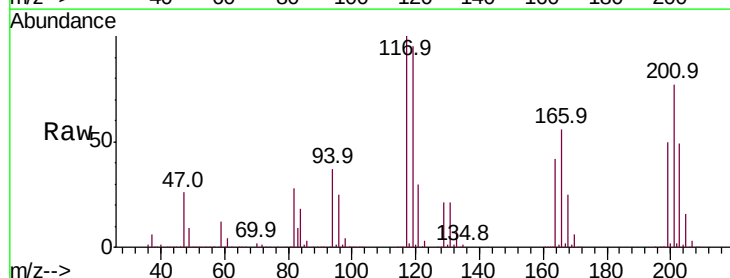
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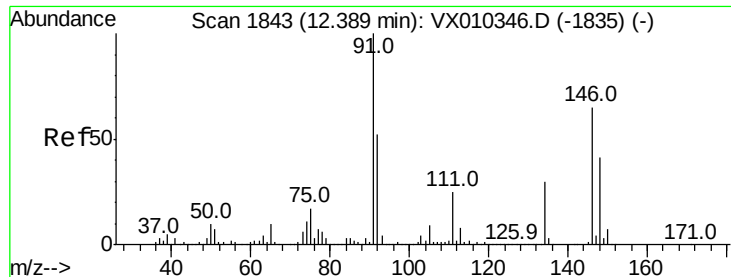
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#90
Hexachloroethane
Concen: 55.698 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.0	131.8





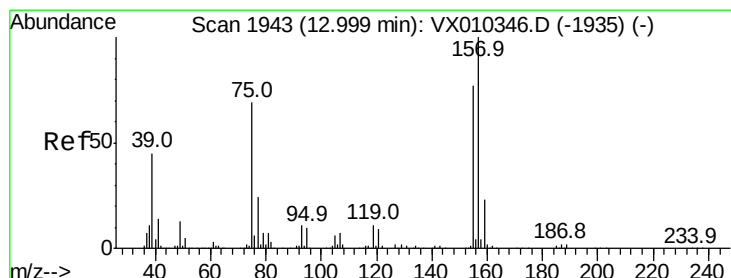
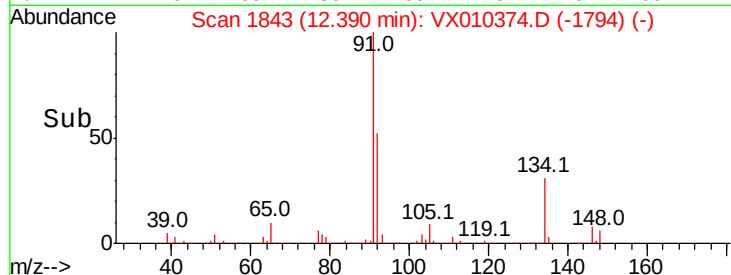
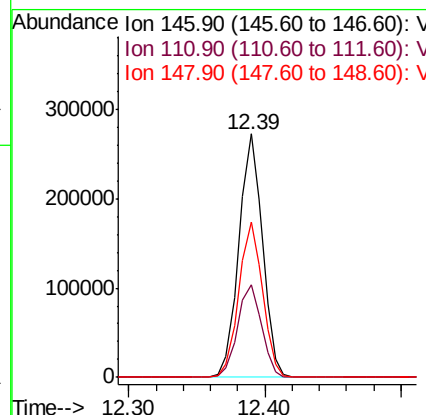
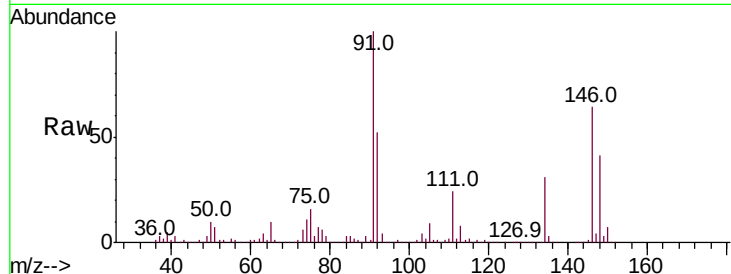
#91
 1,2-Dichlorobenzene
 Concen: 50.287 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	64.2	32.0	96.0

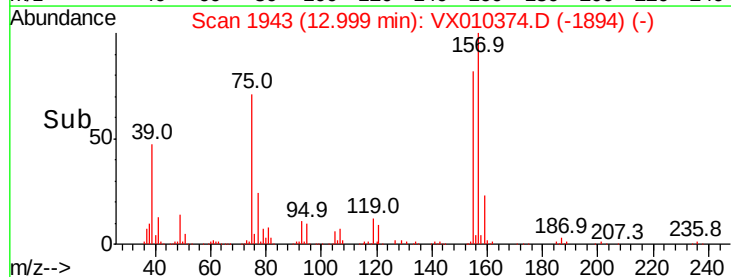
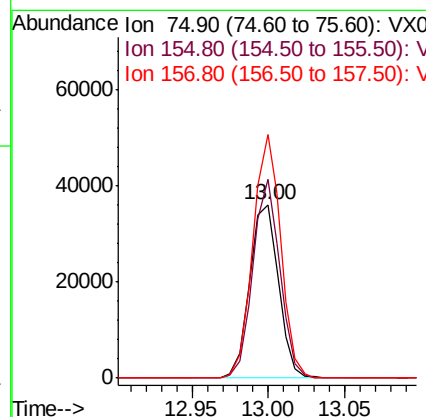
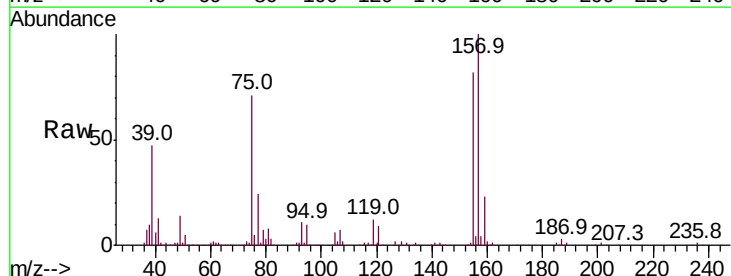
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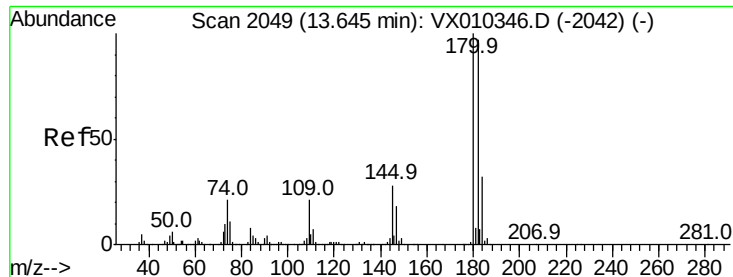
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.884 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.2	54.4	163.1
157	134.9	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 54.590 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

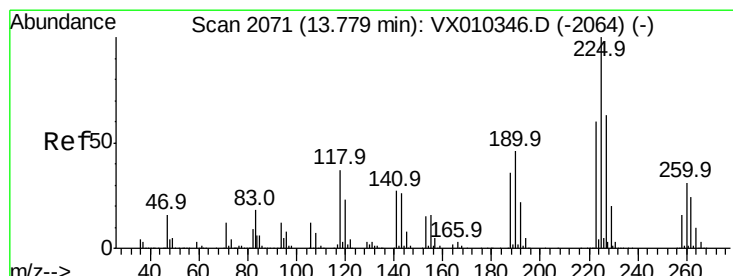
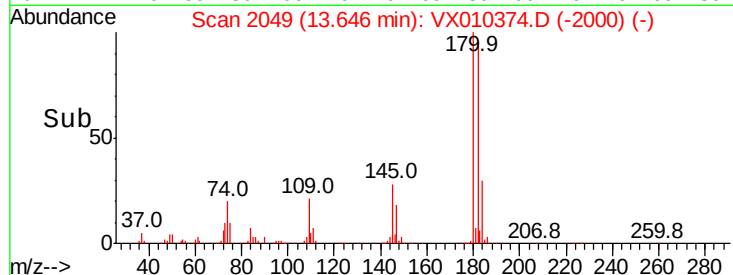
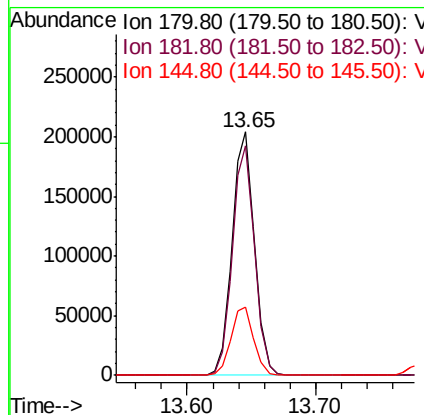
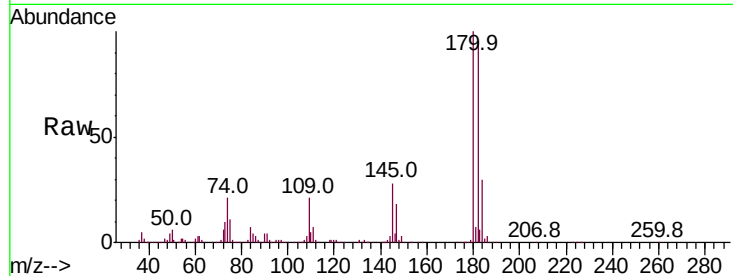
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	247799
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.0	144.0
145	28.7	14.4	43.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 53.845 ug/l

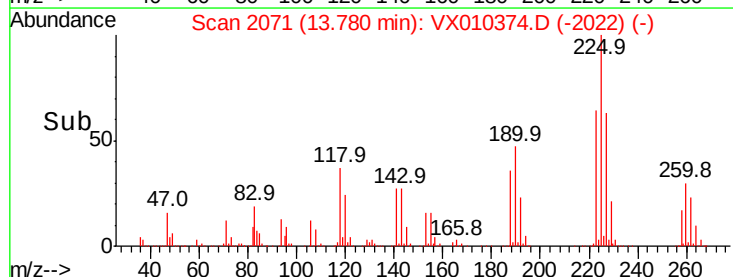
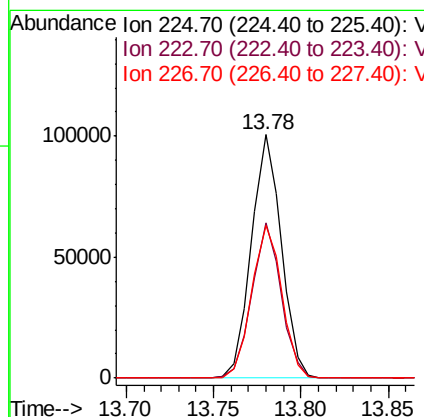
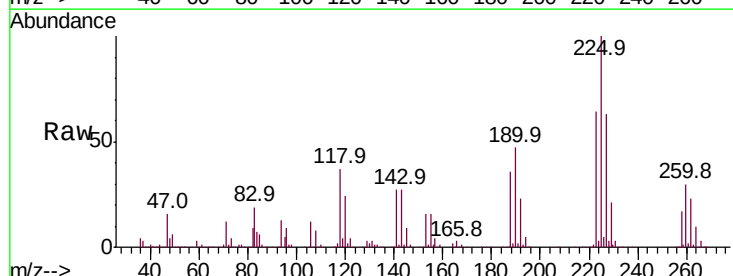
RT: 13.78 min Scan# 2071

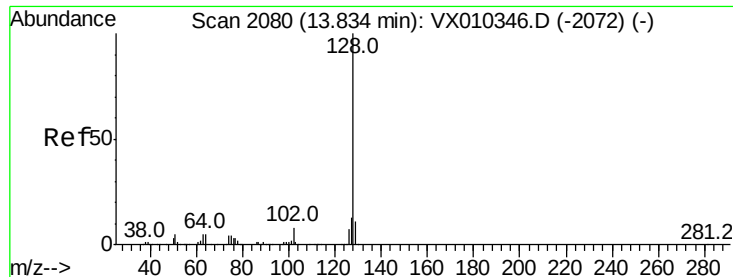
Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion:	225	Resp:	119456
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.9	92.7
227	63.5	31.9	95.5





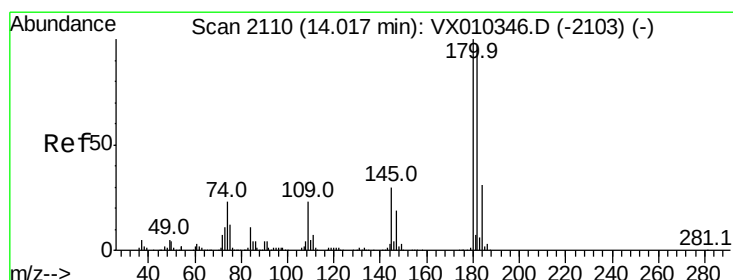
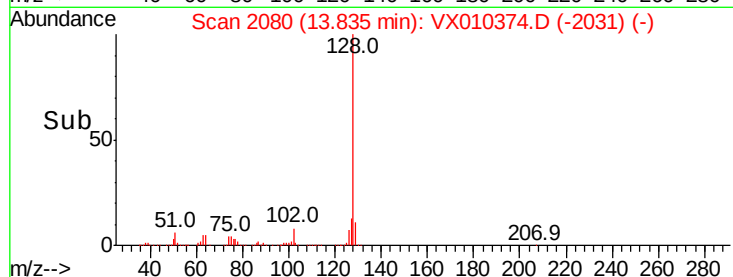
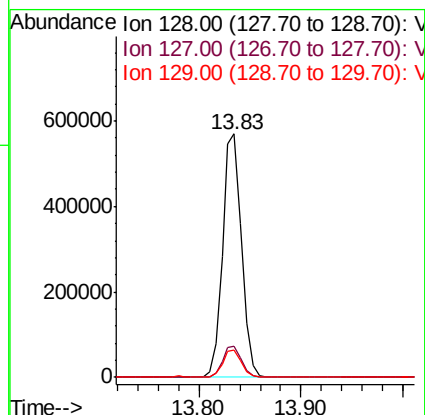
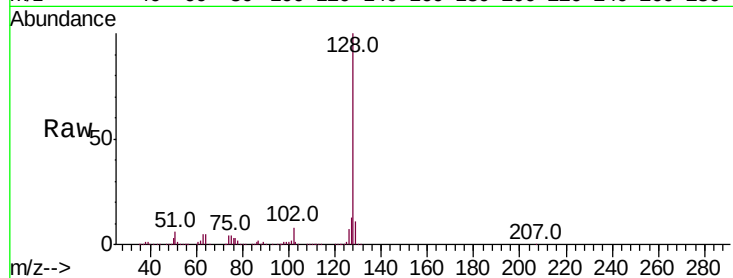
#95
Naphthalene
Concen: 52.885 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	737715		
127	12.7		10.2	15.4
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/24/2019 11:22:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.838 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	242982		
182	95.7		47.8	143.3
145	30.7		15.2	45.6

