

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
 Data File : VX012805.D
 Acq On : 04 Oct 2019 12:42
 Operator : JC/SP
 Sample : VX1004WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:55 AM

Quant Time: Oct 05 04:42:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115299	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119364	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	91605	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.71	98	340829	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	131188	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31569	16.649	ug/l	97
3) Chloromethane	1.32	50	35492	16.301	ug/l	96
4) Vinyl Chloride	1.40	62	37221	17.199	ug/l	93
5) Bromomethane	1.63	94	17731	20.838	ug/l	95
6) Chloroethane	1.72	64	24553	16.829	ug/l	92
7) Trichlorofluoromethane	1.92	101	54010	17.775	ug/l	96
8) Diethyl Ether	2.18	74	22610	18.158	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35480	19.171	ug/l	96
10) Methyl Iodide	2.50	142	27185	17.515	ug/l	94
11) Tert butyl alcohol	3.03	59	56481	92.120	ug/l	97
12) 1,1-Dichloroethene	2.36	96	33380	18.420	ug/l	94
13) Acrolein	2.28	56	20254	67.106	ug/l	94
14) Allyl chloride	2.72	41	63132	17.559	ug/l	97
15) Acrylonitrile	3.13	53	116127	93.357	ug/l	98
16) Acetone	2.43	43	114163	87.814	ug/l	97
17) Carbon Disulfide	2.56	76	79879	15.723	ug/l	99
18) Methyl Acetate	2.76	43	58387	19.073	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	130549	19.032	ug/l	98
20) Methylene Chloride	2.84	84	41857	19.036	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	37201	18.529	ug/l	97
22) Diisopropyl ether	3.84	45	129739	18.675	ug/l	98
23) Vinyl Acetate	3.80	43	551565	90.532	ug/l	98
24) 1,1-Dichloroethane	3.69	63	71451	18.921	ug/l	97
25) 2-Butanone	4.66	43	166532	89.338	ug/l	98
26) 2,2-Dichloropropane	4.57	77	59284	17.651	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	45122	19.370	ug/l	92
28) Bromochloromethane	5.00	49	26005	18.965	ug/l	94
29) Tetrahydrofuran	5.11	42	102230	89.978	ug/l	95
30) Chloroform	5.20	83	73496	19.023	ug/l	96
31) Cyclohexane	5.56	56	61087	17.881	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	63495	18.543	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53580	19.112	ug/l	98
37) Ethyl Acetate	4.82	43	58830	17.950	ug/l	95
38) Carbon Tetrachloride	5.78	117	52652	18.489	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62769	18.598	ug/l	96
40) Benzene	6.14	78	159635	19.353	ug/l	97
41) Methacrylonitrile	5.03	41	34943	19.002	ug/l	94
42) 1,2-Dichloroethane	6.18	62	59275	18.924	ug/l	97
43) Isopropyl Acetate	6.44	43	99305	18.118	ug/l	97
44) Trichloroethene	7.20	130	41595	19.725	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42075	19.924	ug/l	94
46) Dibromomethane	7.65	93	27530	19.147	ug/l	99
47) Bromodichloromethane	7.89	83	53432	18.593	ug/l	98
48) Methyl methacrylate	7.76	41	47448	18.054	ug/l	93
49) 1,4-Dioxane	7.73	88	21285	357.067	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	311594	92.096	ug/l	96
52) Toluene	8.78	92	100646	19.414	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	57325	18.030	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	64470	18.571	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	41802	20.281	ug/l	100
56) Ethyl methacrylate	9.17	69	64423	18.605	ug/l	93
57) 1,3-Dichloropropane	9.37	76	72007	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172181	110.777	ug/l	99
59) 2-Hexanone	9.48	43	235621	90.982	ug/l	95
60) Dibromochloromethane	9.57	129	40781	19.546	ug/l	98
61) 1,2-Dibromoethane	9.67	107	43236	20.156	ug/l	100
64) Tetrachloroethene	9.33	164	38897	22.117	ug/l	97
65) Chlorobenzene	10.14	112	106055	19.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	38859	20.191	ug/l	98
67) Ethyl Benzene	10.25	91	191436	19.870	ug/l	98
68) m/p-Xylenes	10.36	106	143168	39.670	ug/l	100
69) o-Xylene	10.70	106	68095	19.500	ug/l	96
70) Styrene	10.71	104	119709	20.448	ug/l	98
71) Bromoform	10.85	173	25890	19.319	ug/l #	100
73) Isopropylbenzene	11.01	105	188090	20.029	ug/l	100
74) N-amyl acetate	10.89	43	78304	17.478	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	62745	20.175	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	51258m	16.806	ug/l	
77) Bromobenzene	11.25	156	42936	20.202	ug/l	98
78) n-propylbenzene	11.35	91	209509	19.817	ug/l	99
79) 2-Chlorotoluene	11.42	91	127830	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	158263	20.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18004	16.917	ug/l	97
82) 4-Chlorotoluene	11.51	91	144638	19.238	ug/l	99
83) tert-Butylbenzene	11.76	119	150536	19.817	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	159983	20.139	ug/l	97
85) sec-Butylbenzene	11.94	105	177258	20.062	ug/l	98
86) p-Isopropyltoluene	12.06	119	163060	20.453	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77771	20.333	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	78527	20.318	ug/l	97
89) n-Butylbenzene	12.39	91	133855	19.054	ug/l	97
90) Hexachloroethane	12.59	117	26962	18.970	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	79559	20.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13838	17.787	ug/l	98

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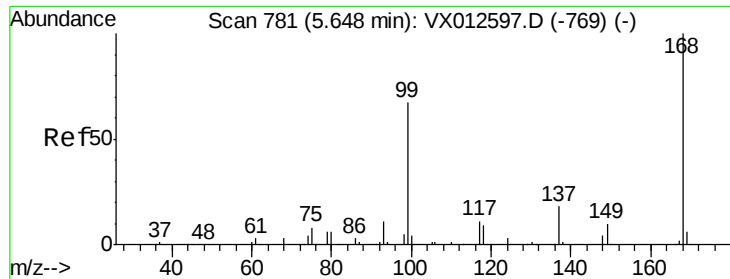
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43391	18.581	ug/l	94
94) Hexachlorobutadiene	13.78	225	21038	20.941	ug/l	100
95) Naphthalene	13.83	128	160735	19.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	45670	19.523	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion:168 Resp: 168549

Ion Ratio Lower Upper

168 100

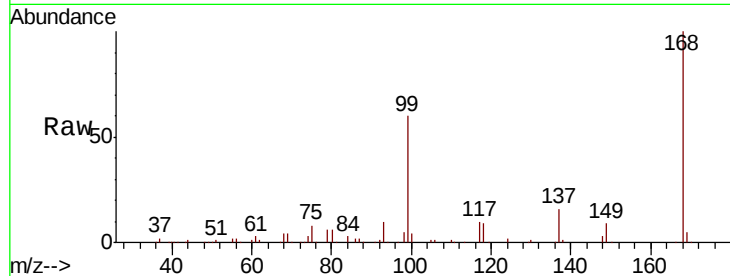
99 60.2 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

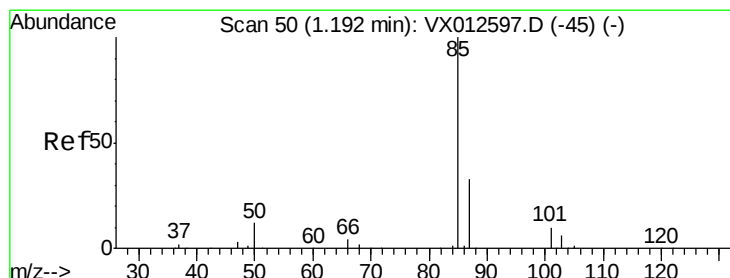
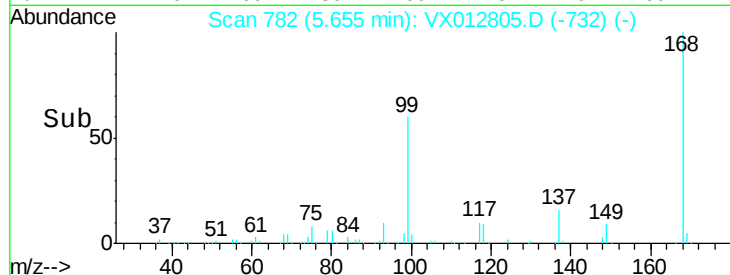
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.649 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012805.D

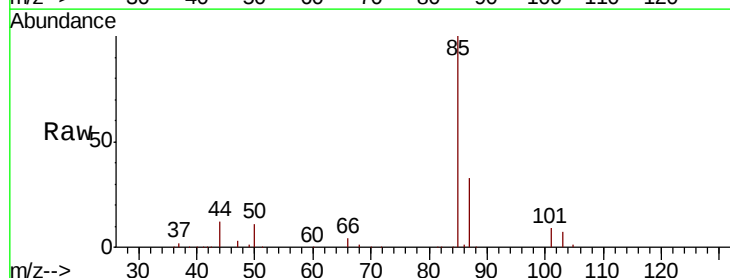
Acq: 04 Oct 2019 12:42

Tgt Ion: 85 Resp: 31569

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

15000

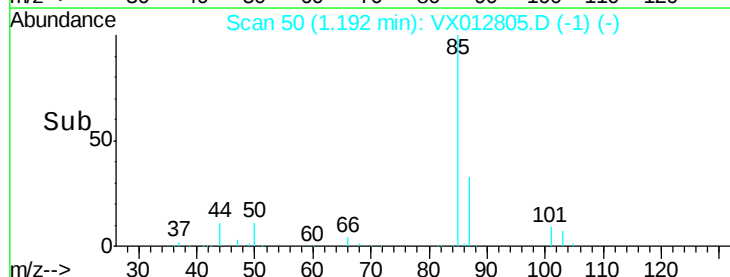
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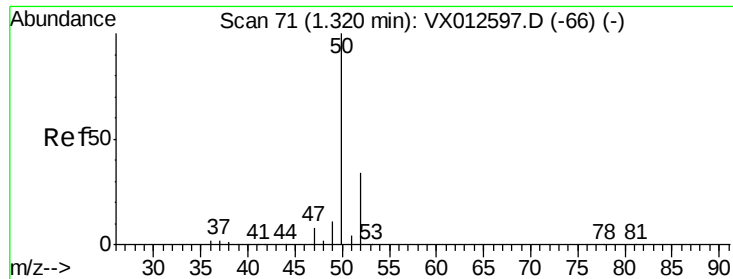
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.301 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion: 50 Resp: 35492

Ion Ratio Lower Upper

50 100

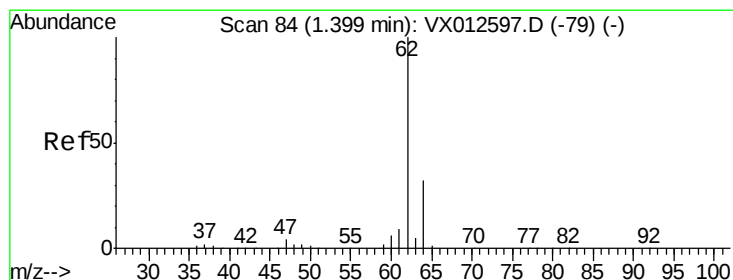
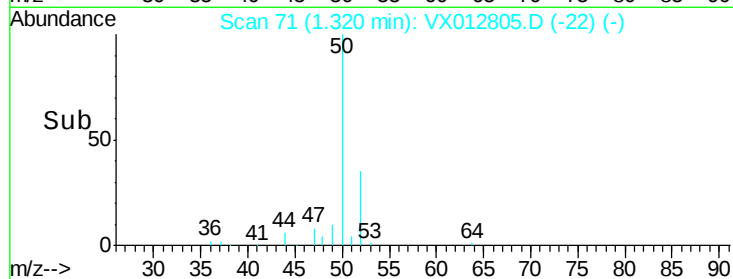
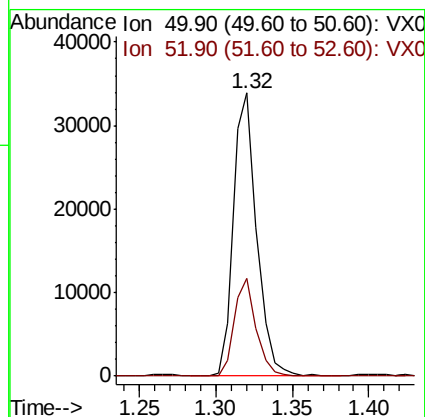
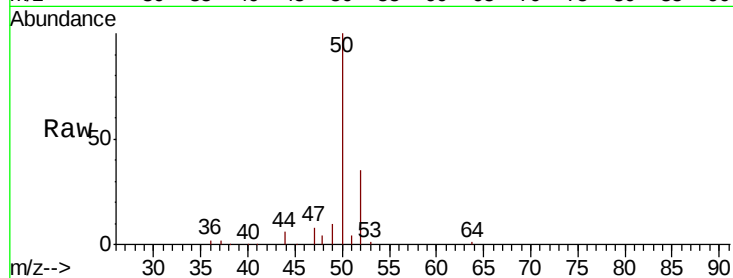
52 34.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.199 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012805.D

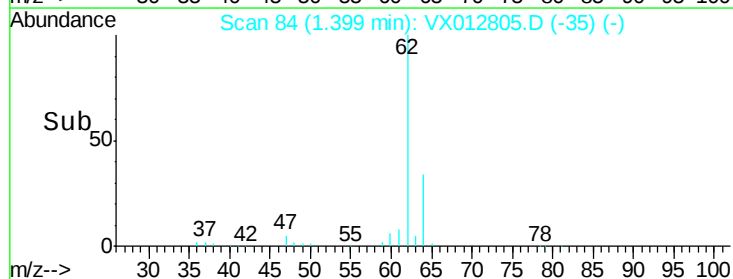
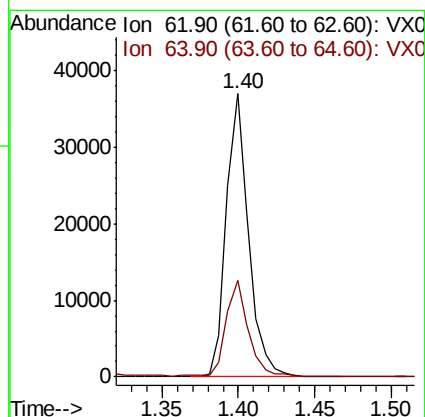
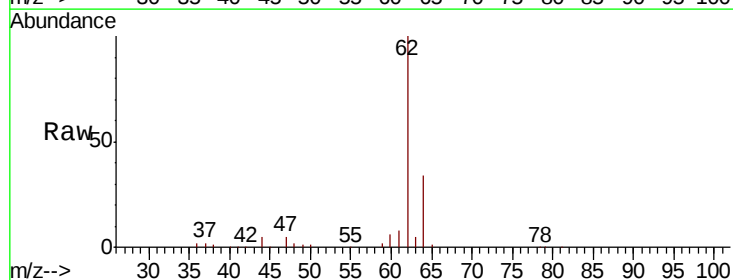
Acq: 04 Oct 2019 12:42

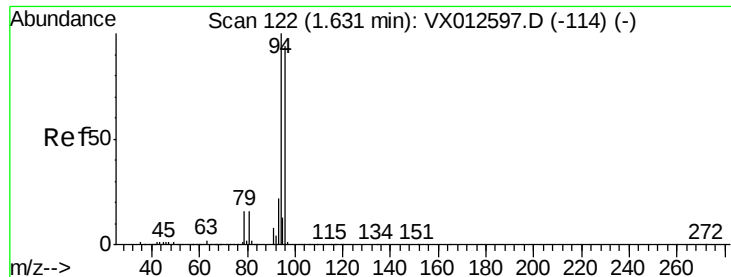
Tgt Ion: 62 Resp: 37221

Ion Ratio Lower Upper

62 100

64 33.8 24.2 36.2





#5

Bromomethane

Concen: 20.838 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion: 94 Resp: 17731

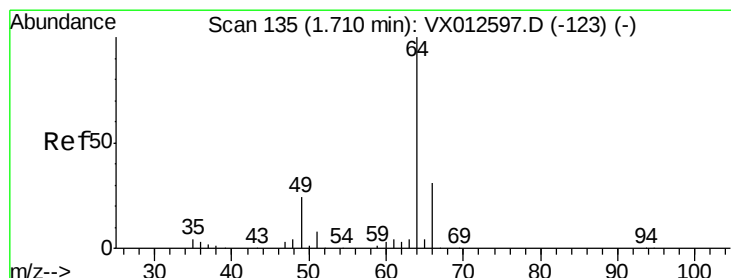
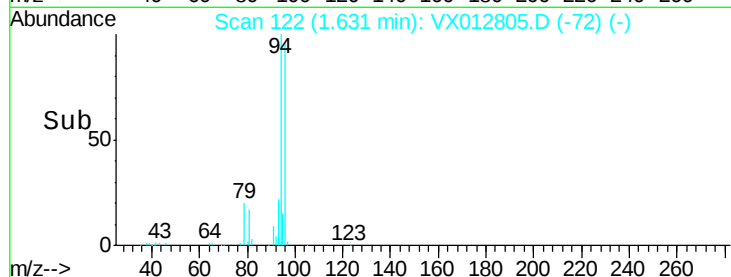
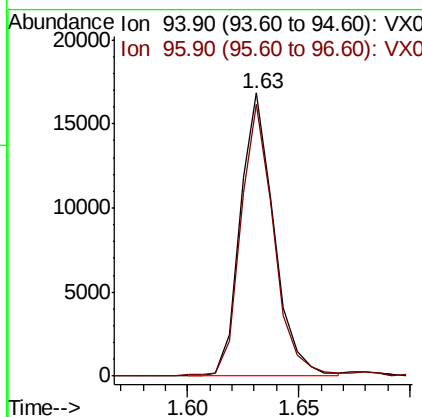
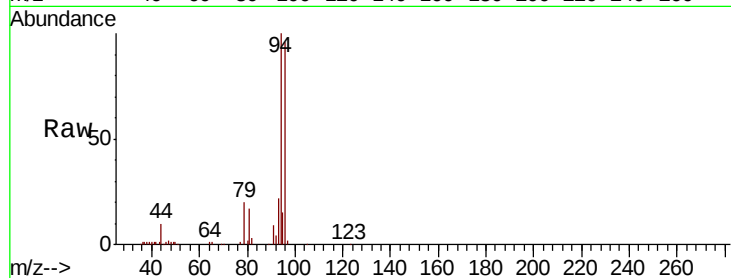
Ion Ratio Lower Upper

94 100

96 95.8 72.8 109.2

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#6

Chloroethane

Concen: 16.829 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012805.D

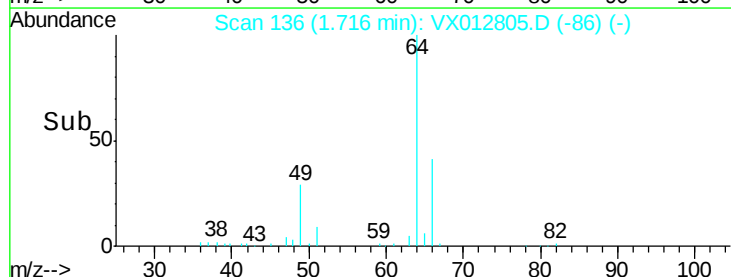
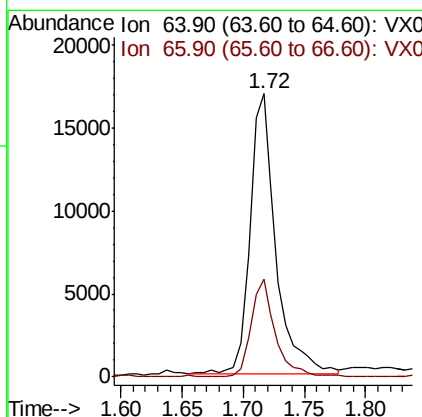
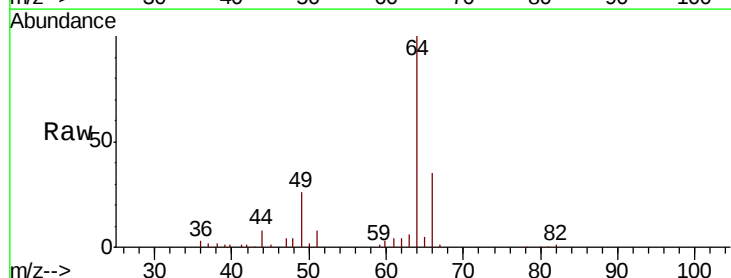
Acq: 04 Oct 2019 12:42

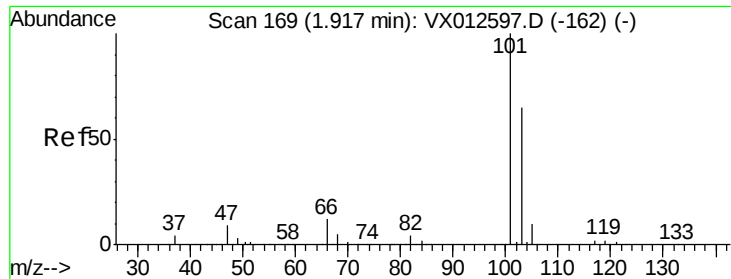
Tgt Ion: 64 Resp: 24553

Ion Ratio Lower Upper

64 100

66 34.5 24.0 36.0





#7

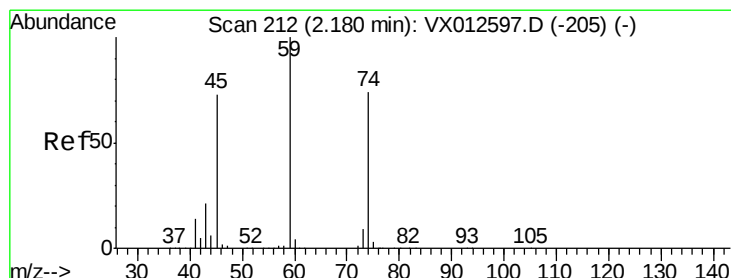
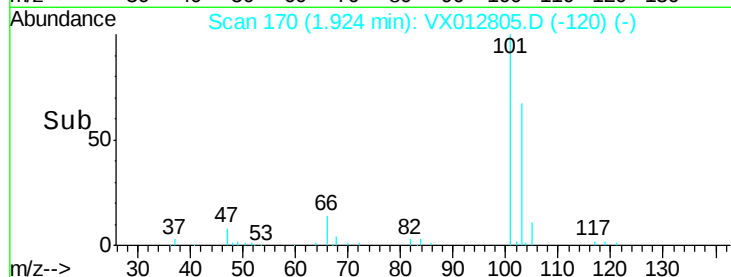
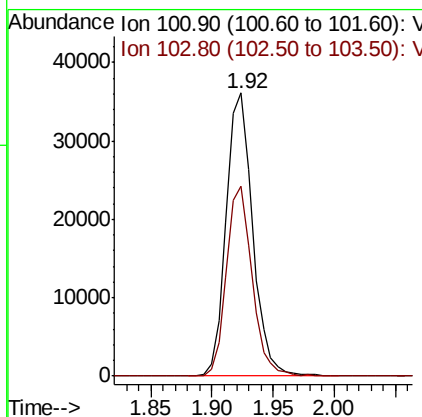
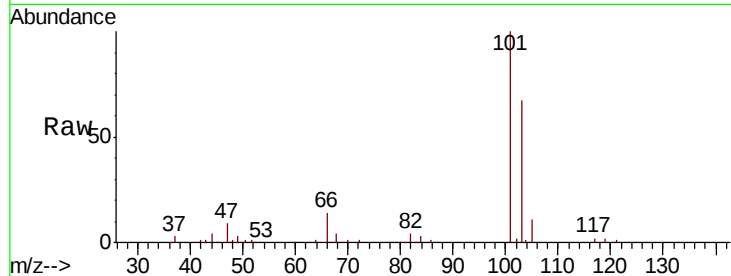
Trichlorofluoromethane
Concen: 17.775 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
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VX1004WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		54010		
103	67.2	51.0	76.4		

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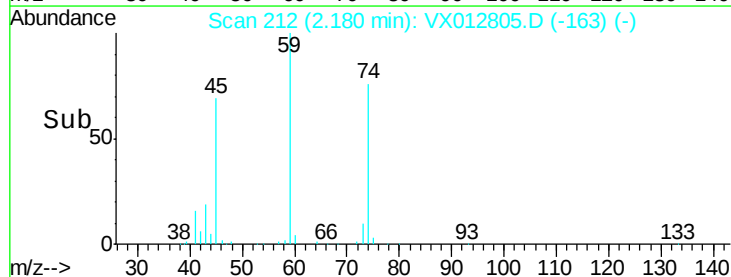
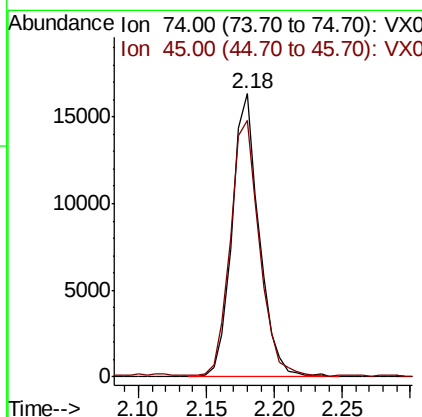
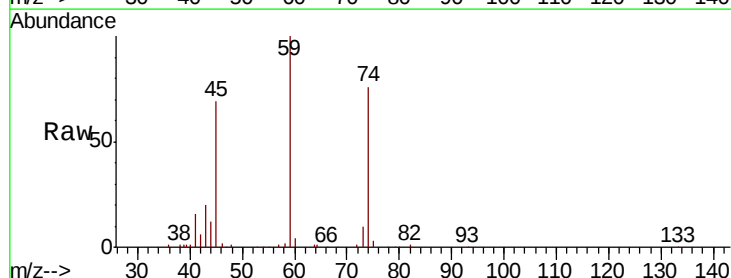
MMDadoda
10/7/2019 9:26:55 AM

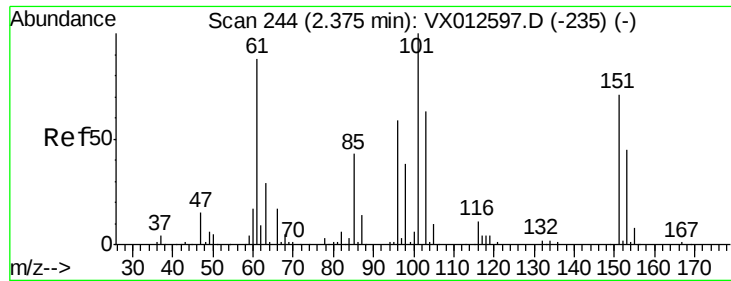


#8

Diethyl Ether
Concen: 18.158 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		22610		
45	97.3	49.9	149.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.171 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

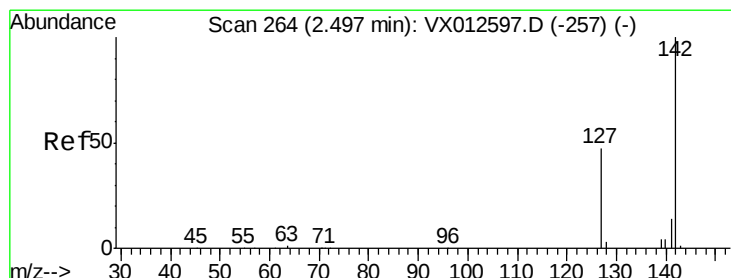
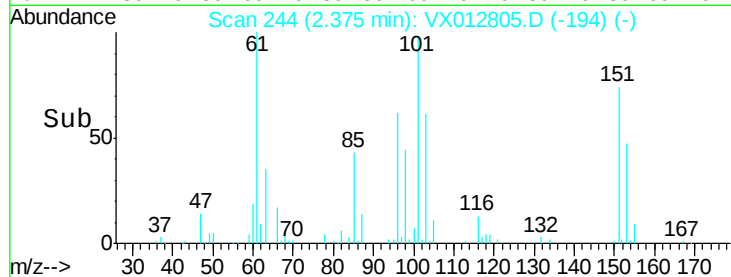
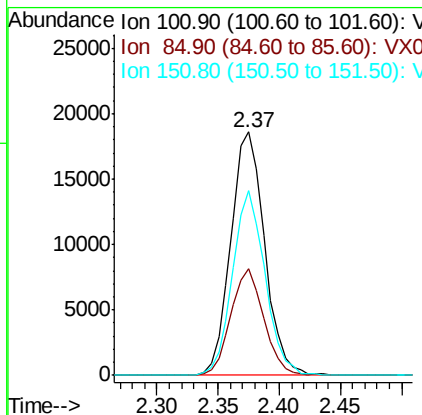
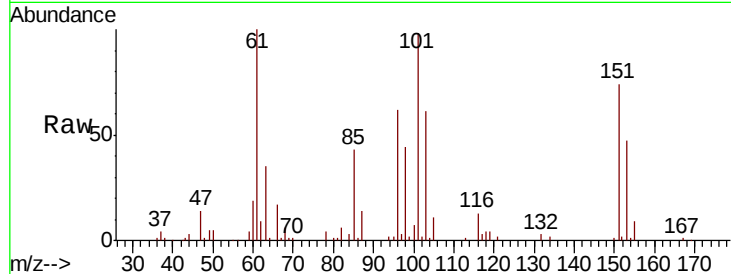
ClientSampled :

VX1004WBS01

Tot Ion:	101	Resp:	35480
Ion Ratio	Lower	Upper	
101	100		
85	42.5	37.3	55.9
151	73.3	61.0	91.4

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10/7/2019 9:26:55 AM



#10

Methyl Iodide

Concen: 17.515 ug/l

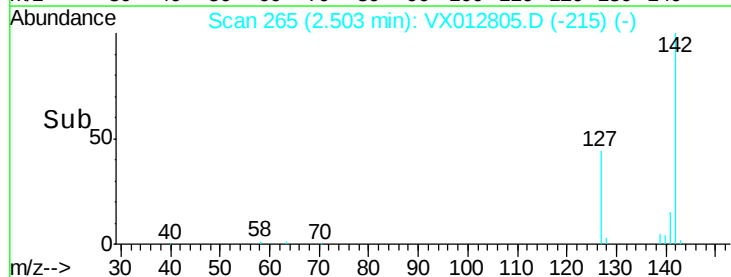
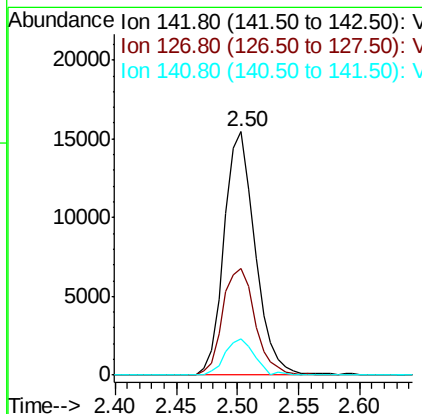
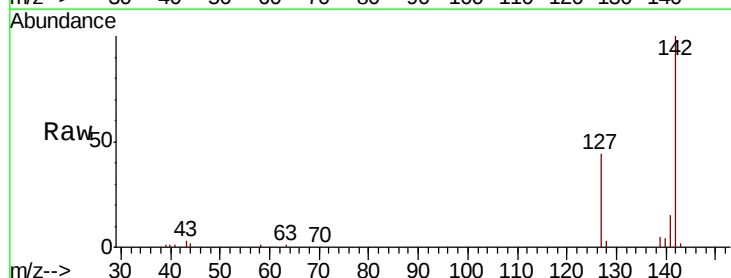
RT: 2.50 min Scan# 265

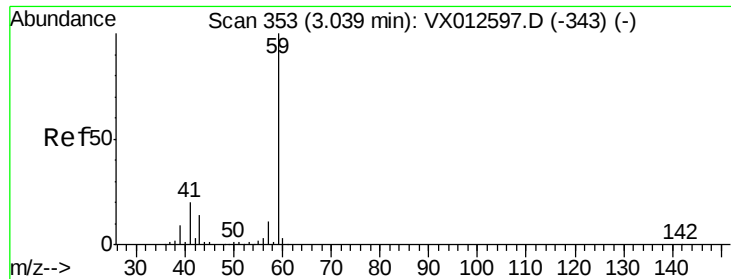
Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion:	142	Resp:	27185
Ion Ratio	Lower	Upper	
142	100		
127	46.0	40.8	61.2
141	13.9	12.1	18.1





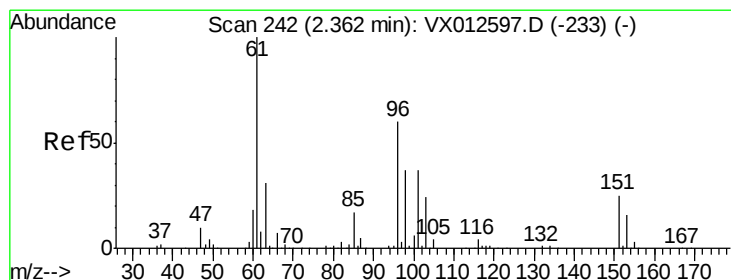
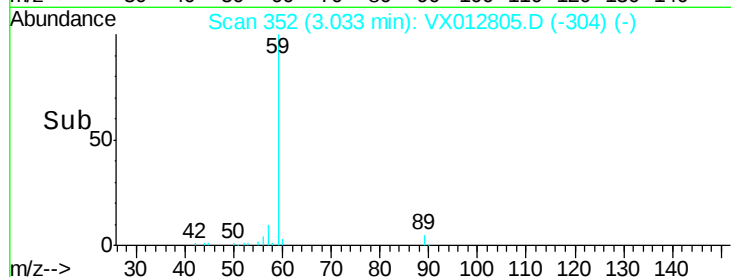
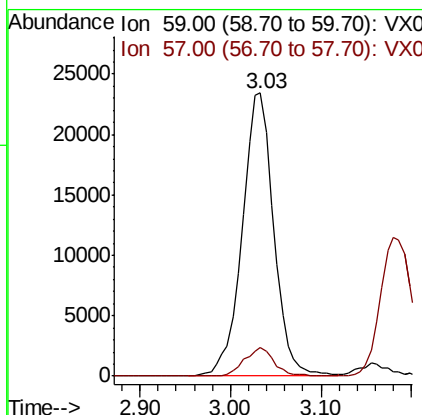
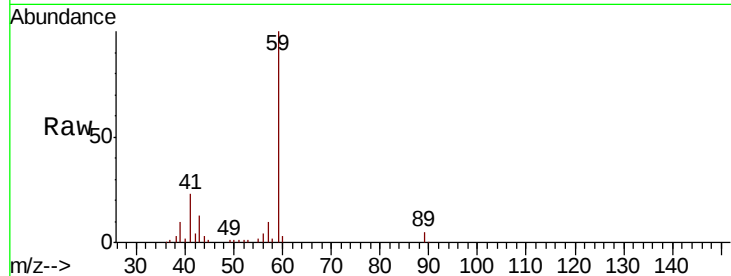
#11
Tert butyl alcohol
Concen: 92.120 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampled :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

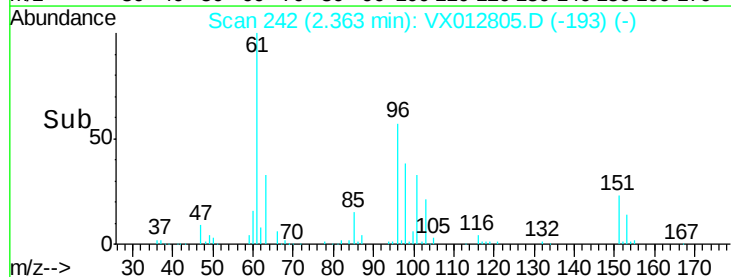
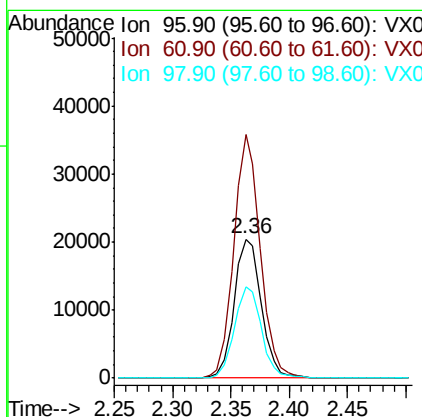
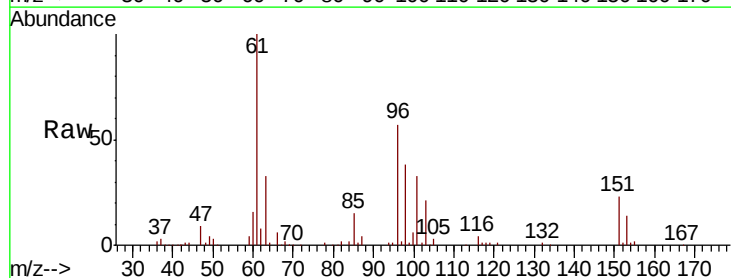
Manual Integrations
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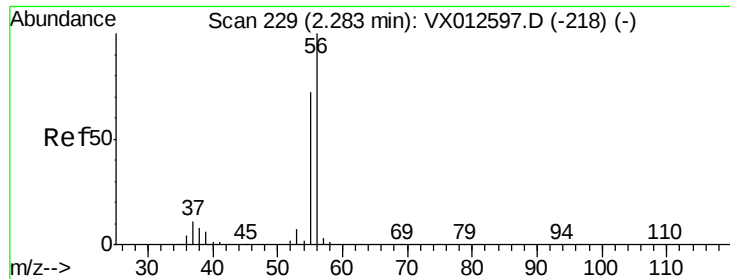
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.420 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.6	133.8	200.6
98	65.9	49.9	74.9





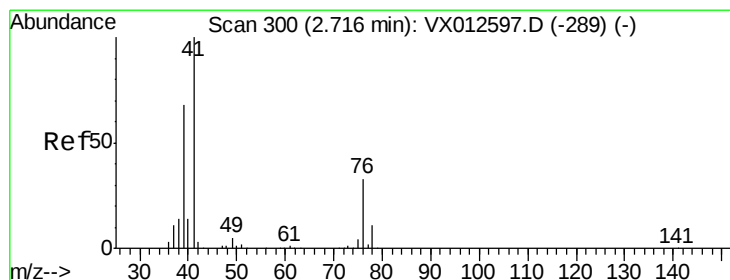
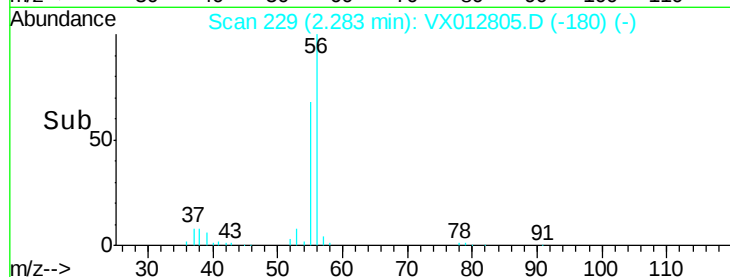
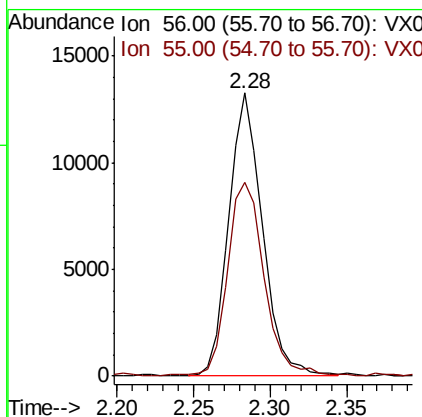
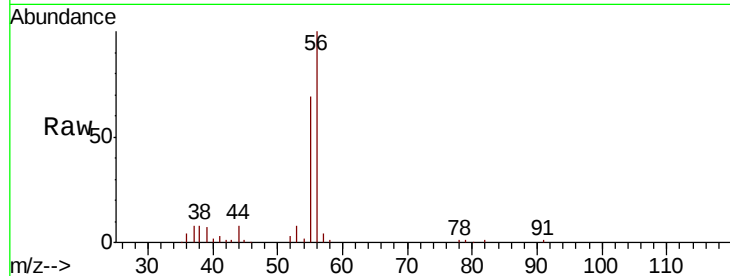
#13
Acrolein
Concen: 67.106 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.7	55.8	83.8

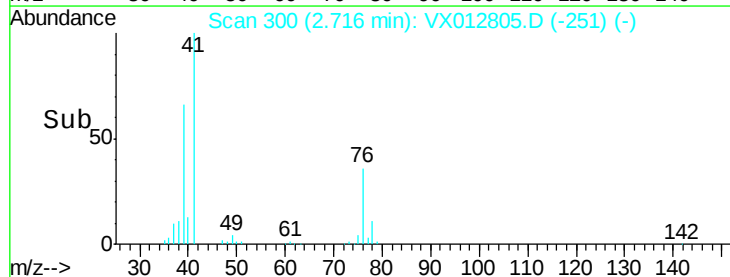
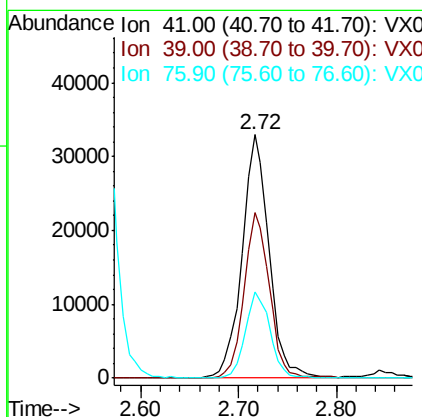
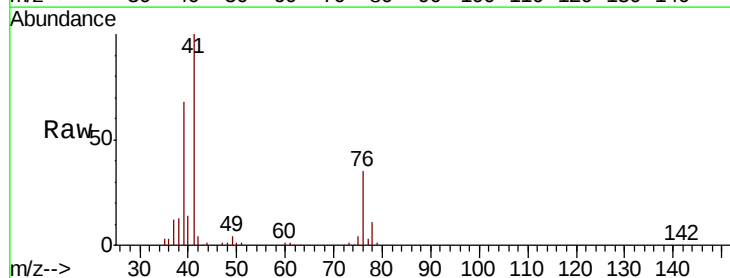
Manual Integrations
APPROVED

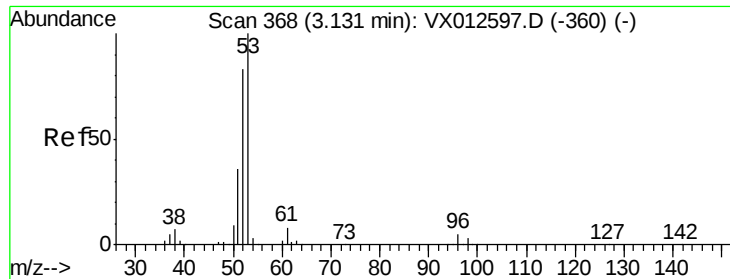
MMDadoda
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#14
Allyl chloride
Concen: 17.559 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.0	51.3	76.9
76	32.4	22.6	33.8





#15

Acrylonitrile

Concen: 93.357 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

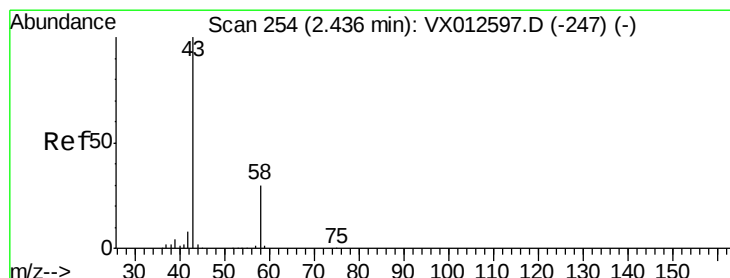
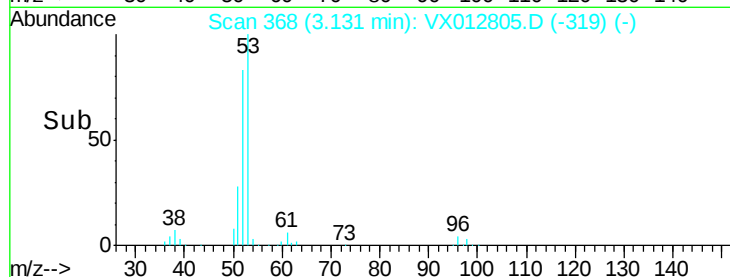
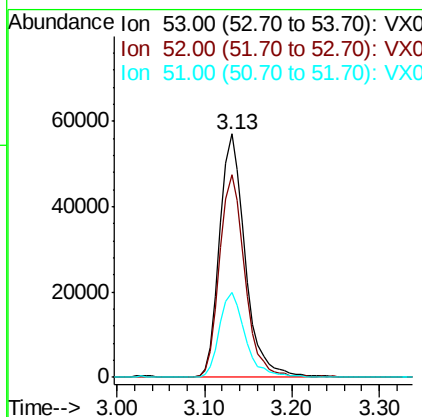
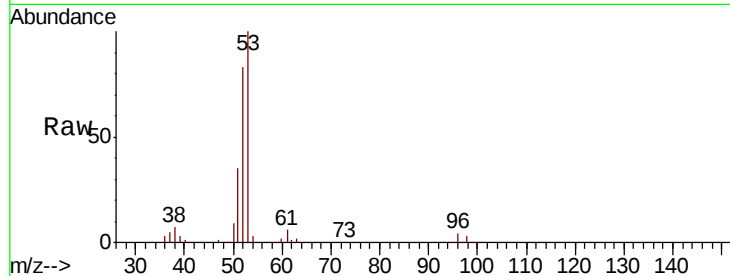
ClientSampleId :

VX1004WBS01

Tot Ion:	53	Resp:	116127
Ion Ratio		Lower	Upper
53	100		
52	82.0	67.0	100.4
51	35.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 87.814 ug/l

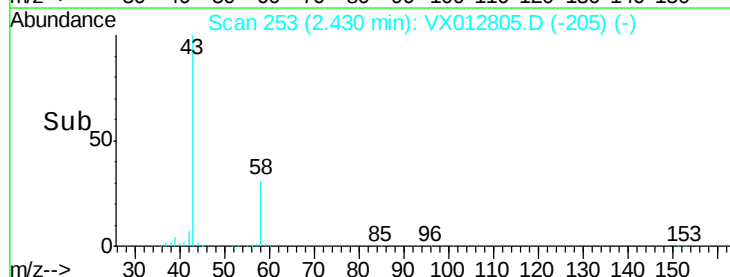
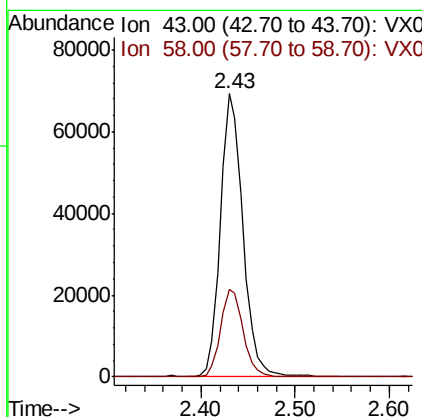
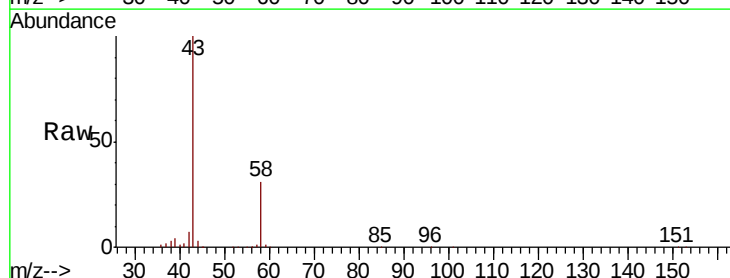
RT: 2.43 min Scan# 253

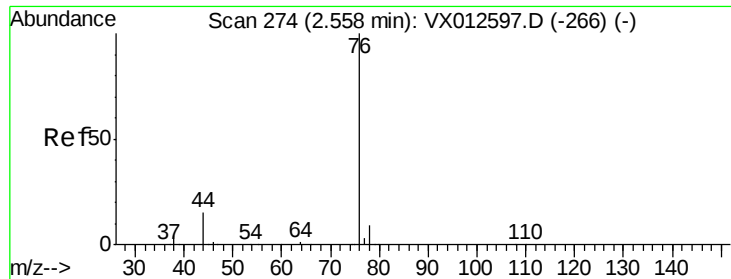
Delta R.T. -0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion:	43	Resp:	114163
Ion Ratio		Lower	Upper
43	100		
58	30.8	23.3	34.9





#17

Carbon Disulfide

Concen: 15.723 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion: 76 Resp: 79879

Ion Ratio Lower Upper

76 100

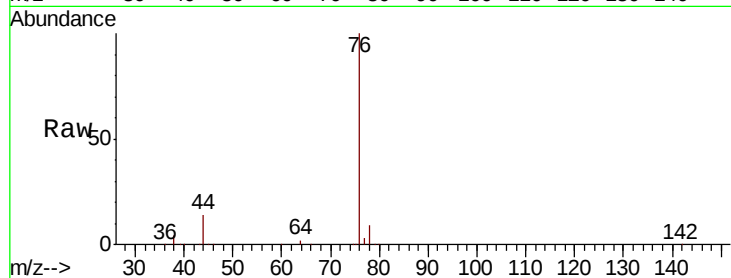
78 9.4 7.3 10.9

Manual Integrations

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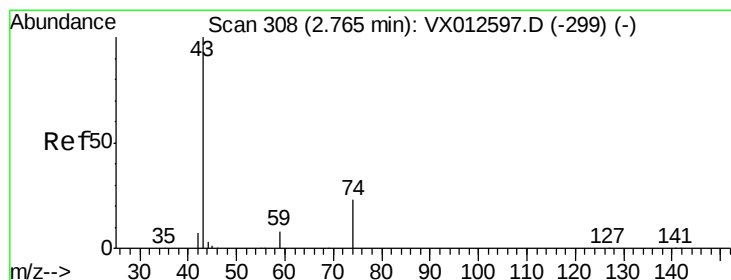
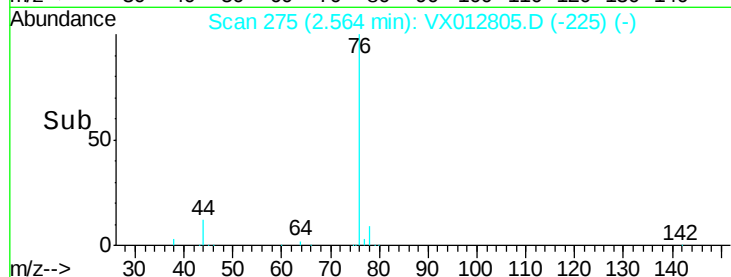
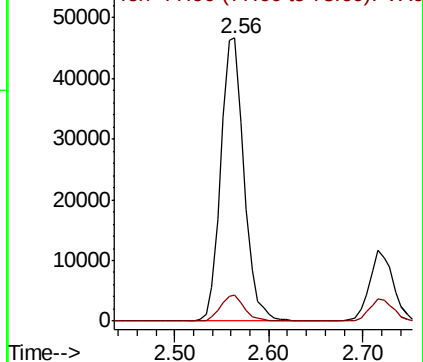
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.073 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012805.D

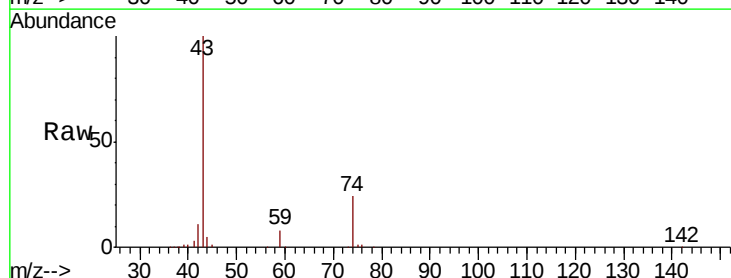
Acq: 04 Oct 2019 12:42

Tgt Ion: 43 Resp: 58387

Ion Ratio Lower Upper

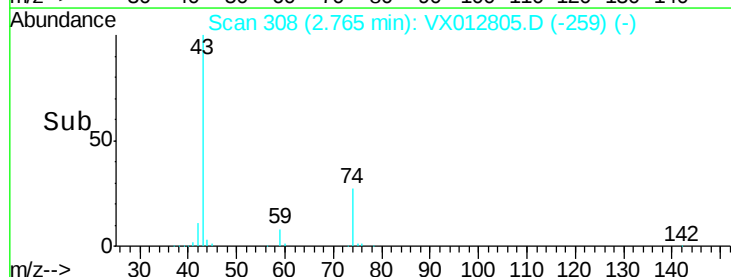
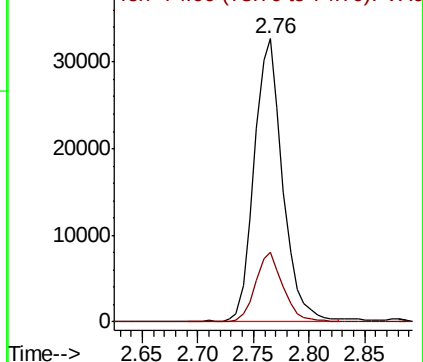
43 100

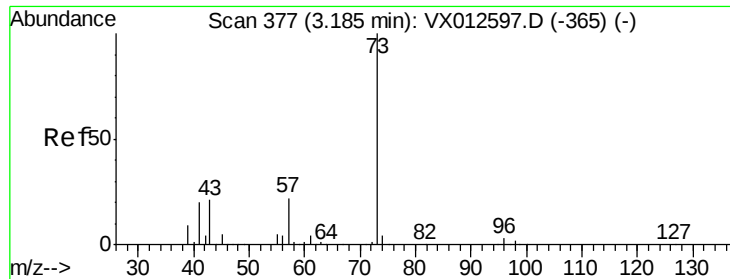
74 24.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





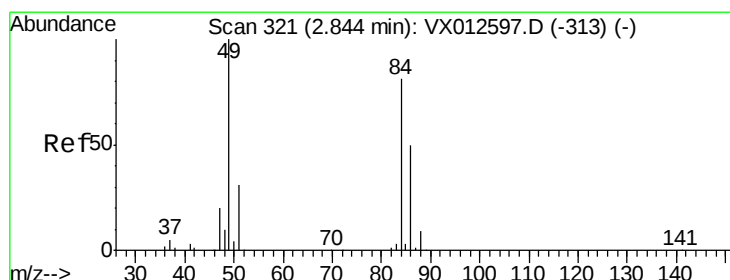
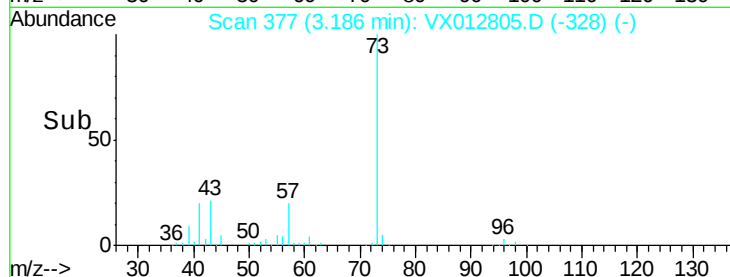
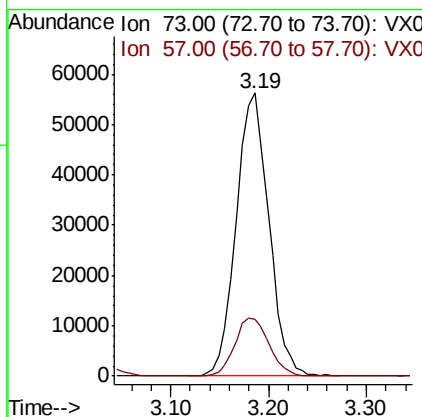
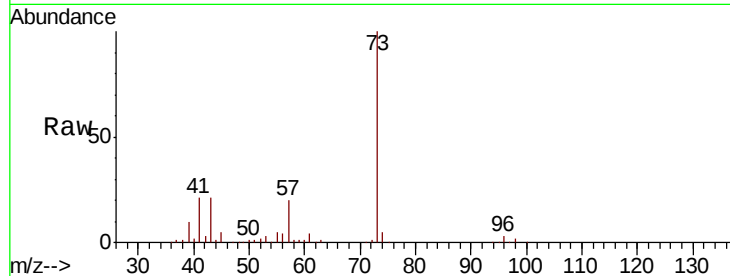
#19
Methvl tert-butvl Ether
Concen: 19.032 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion: 73 Resp: 130549
Ion Ratio Lower Upper
73 100
57 20.1 16.8 25.2

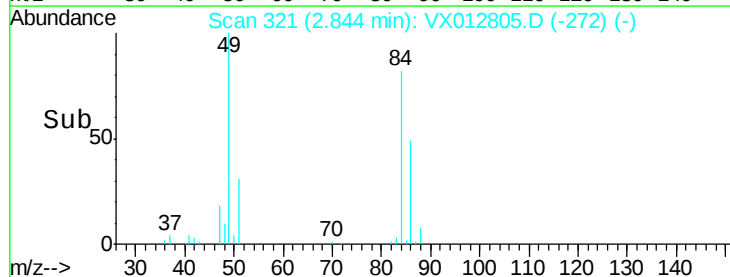
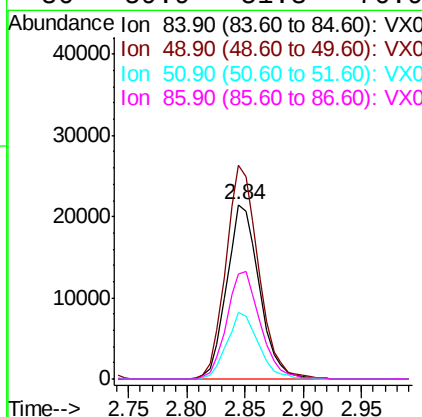
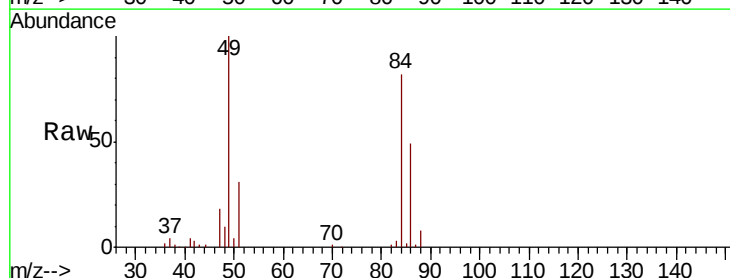
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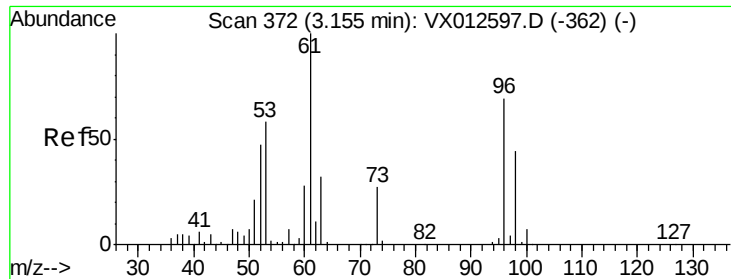
MMDadoda
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#20
Methylene Chloride
Concen: 19.036 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 84 Resp: 41857
Ion Ratio Lower Upper
84 100
49 122.4 106.8 160.2
51 38.2 32.3 48.5
86 59.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.529 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion: 96 Resp: 37201

Ion Ratio Lower Upper

96 100

61 139.0 112.0 168.0

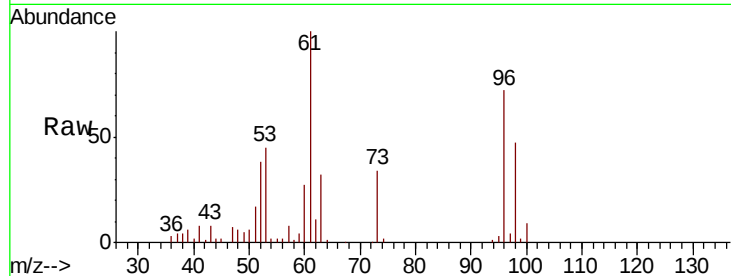
98 65.3 47.8 71.8

Manual Integrations

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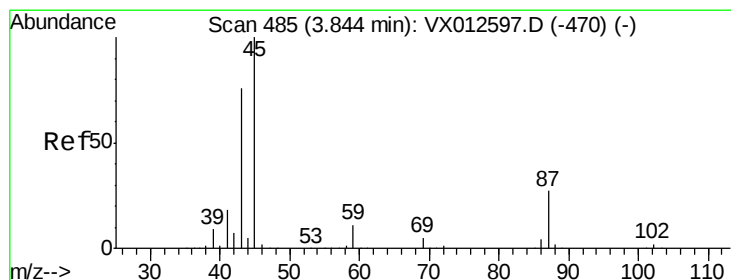
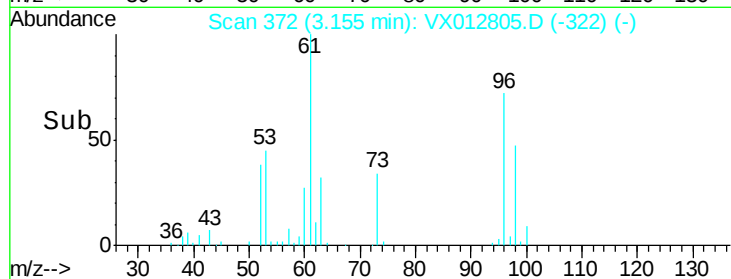
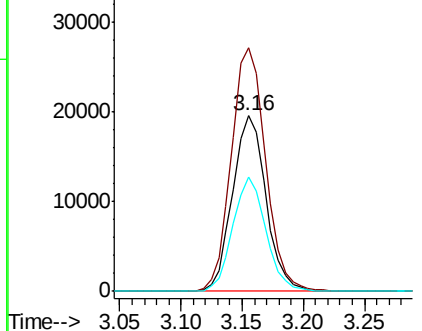
10/7/2019 9:26:55 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.675 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion: 45 Resp: 129739

Ion Ratio Lower Upper

45 100

43 73.0 57.8 86.8

87 28.0 21.3 31.9

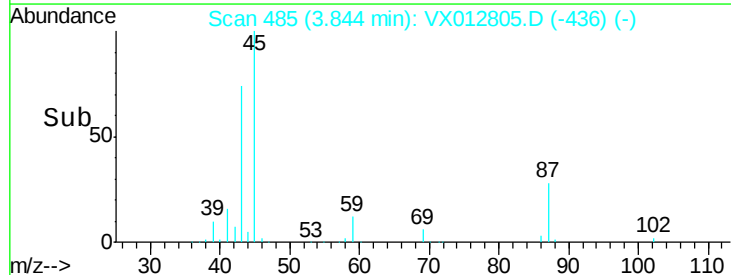
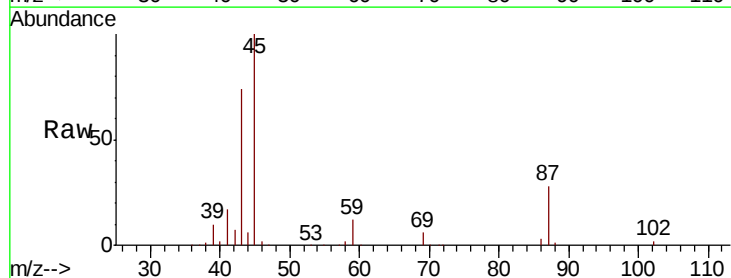
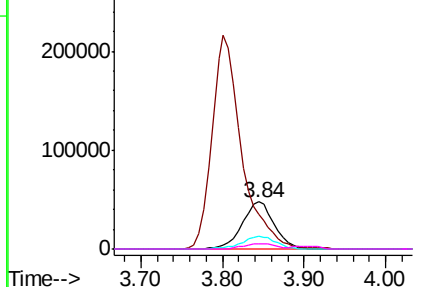
59 12.3 8.5 12.7

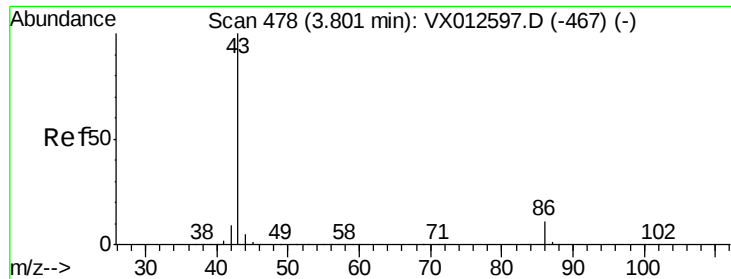
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.532 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

Tot Ion: 43 Resp: 551565

Ion Ratio Lower Upper

43 100

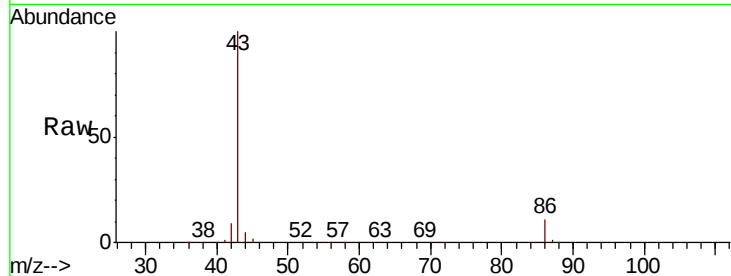
86 10.6 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VX012805.D (-429) (-)

Ion 86.00 (85.70 to 86.70): VX012805.D (-429) (-)

250000

200000

150000

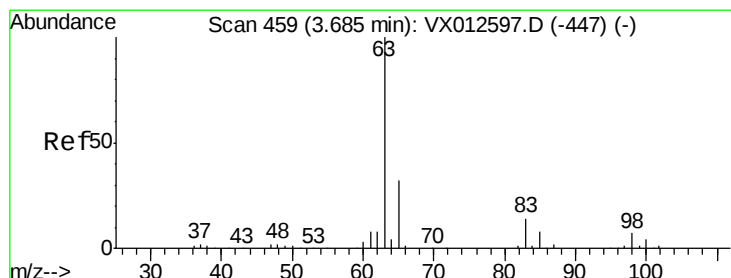
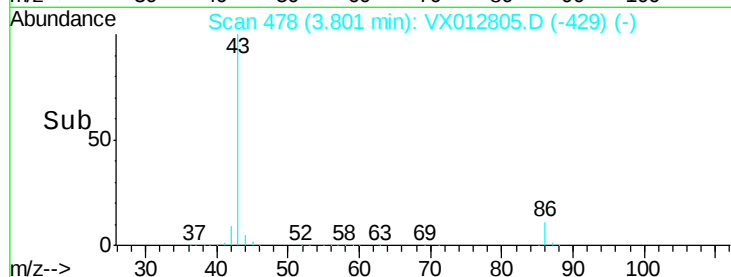
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.921 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

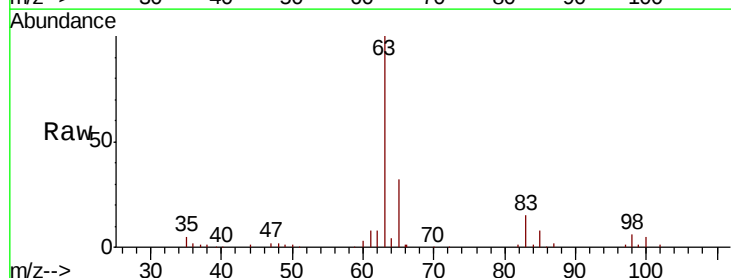
Tgt Ion: 63 Resp: 71451

Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.7

100 5.0 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX012805.D (-410) (-)

Ion 97.90 (97.60 to 98.60): VX012805.D (-410) (-)

Ion 99.90 (99.60 to 100.60): VX012805.D (-410) (-)

40000

30000

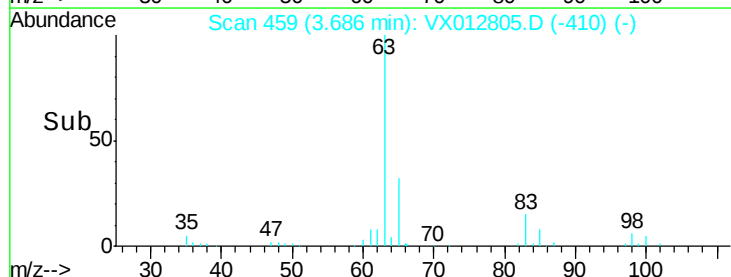
20000

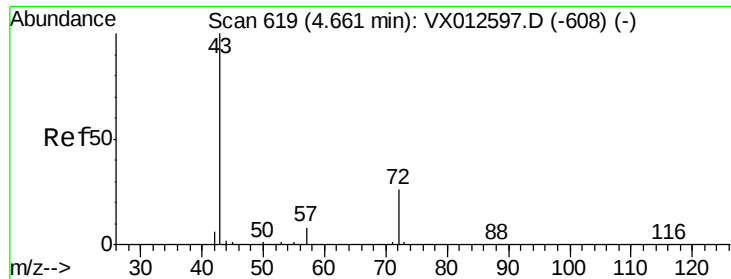
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 89.338 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion: 43 Resp: 166532

Ion Ratio Lower Upper

43 100

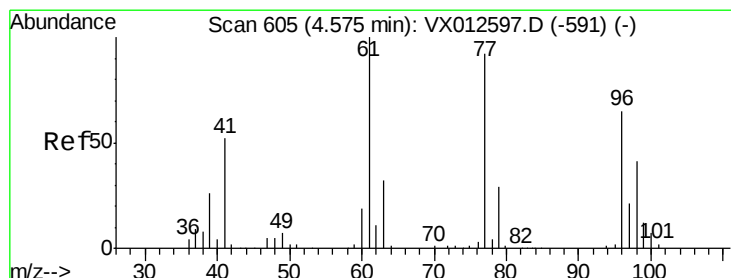
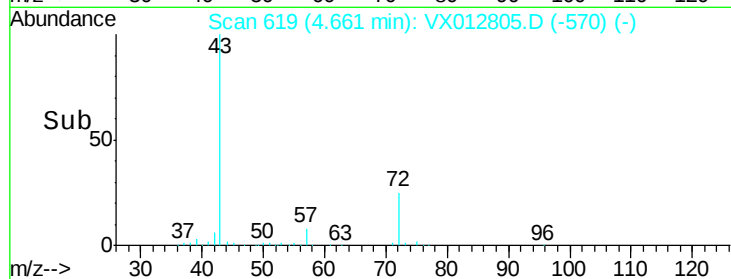
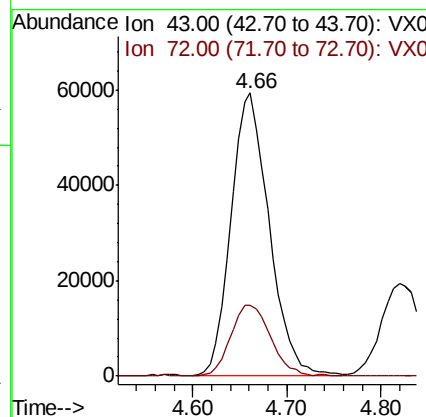
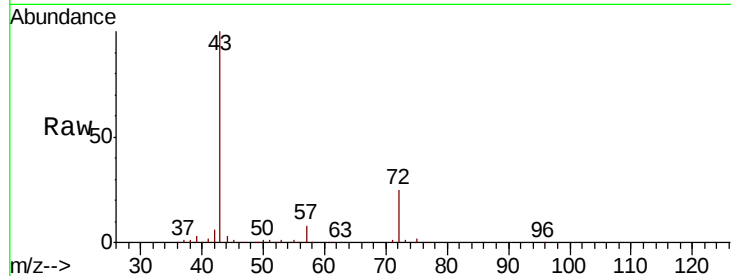
72 25.1 19.2 28.8

Manual Integrations

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MMDadoda

10/7/2019 9:26:55 AM



#26

2,2-Dichloropropane

Concen: 17.651 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012805.D

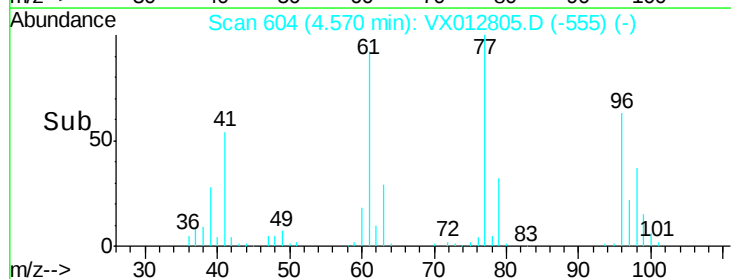
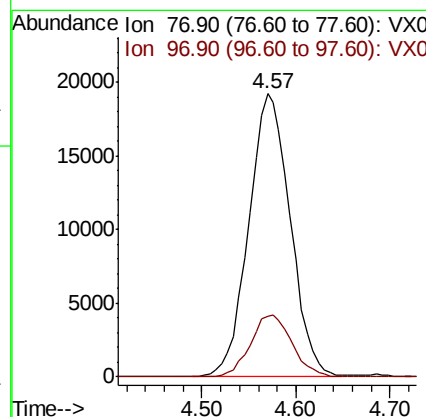
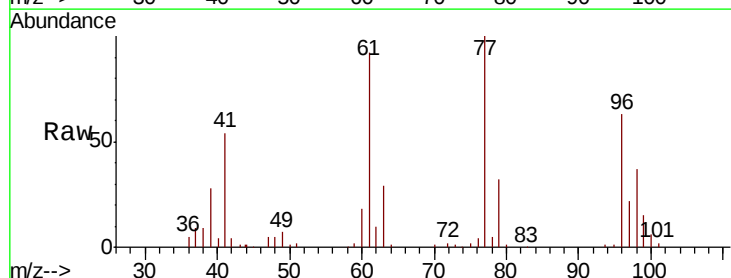
Acq: 04 Oct 2019 12:42

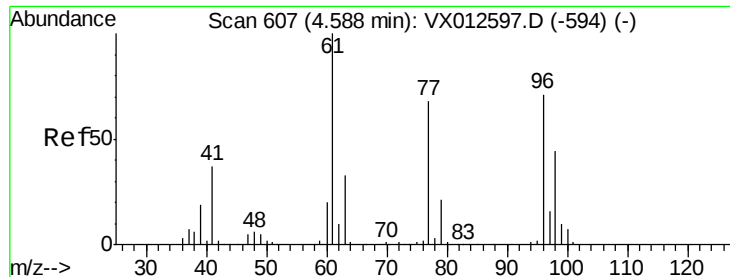
Tgt Ion: 77 Resp: 59284

Ion Ratio Lower Upper

77 100

97 21.8 10.5 31.6





#27

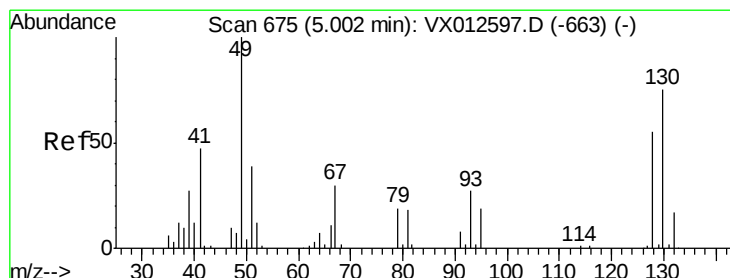
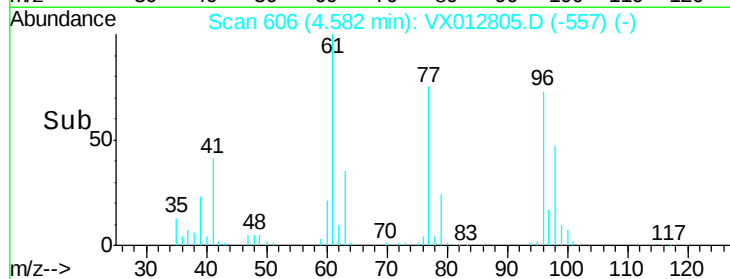
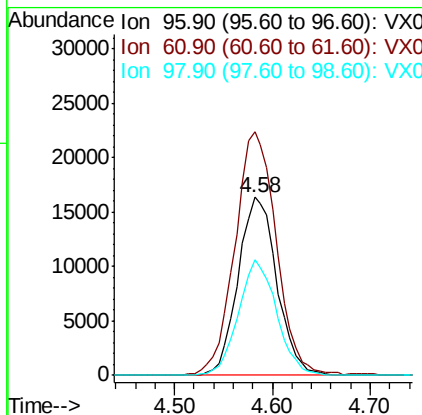
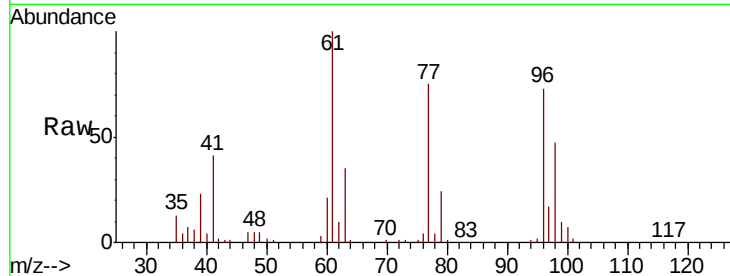
cis-1,2-Dichloroethene
Concen: 19.370 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	319.4
98	63.7	0.0	130.6

Manual Integrations
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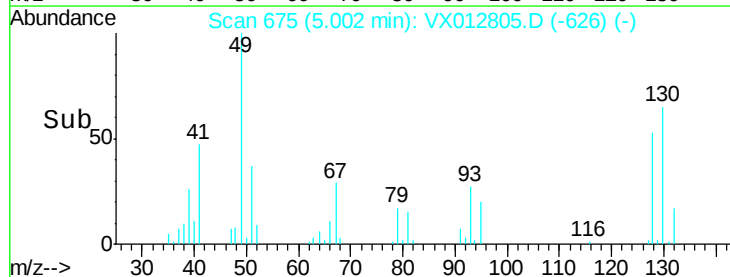
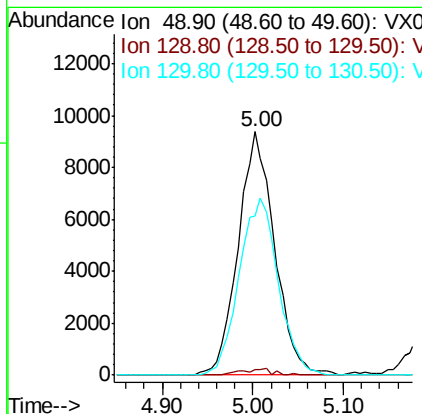
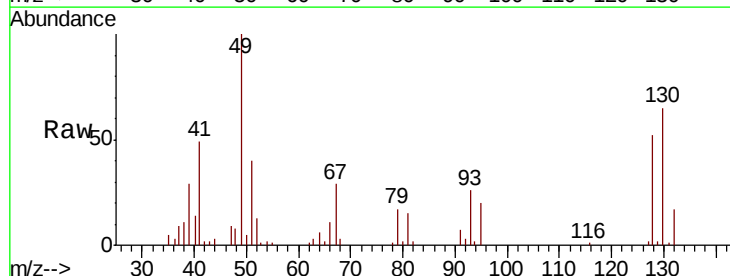
MMDadoda
10/7/2019 9:26:55 AM

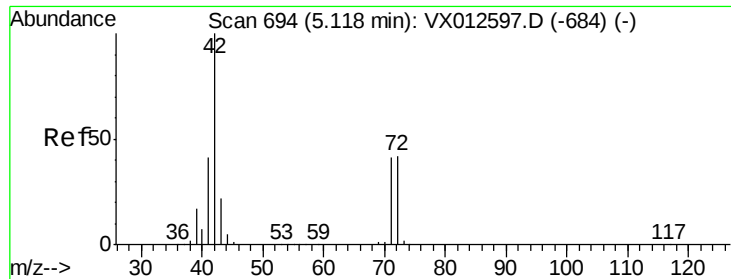


#28

Bromochloromethane
Concen: 18.965 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	78.1	58.2	87.4





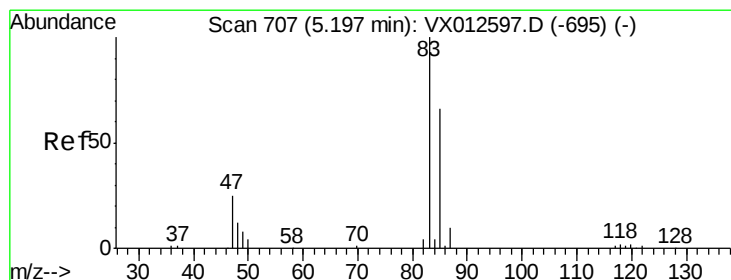
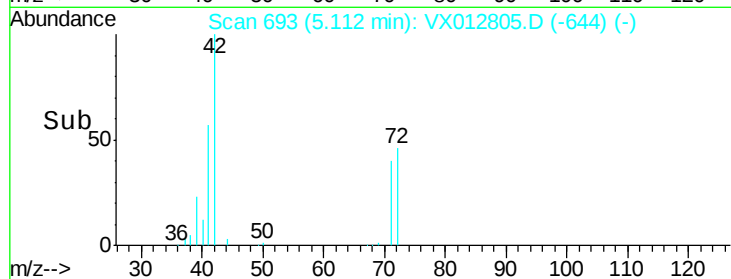
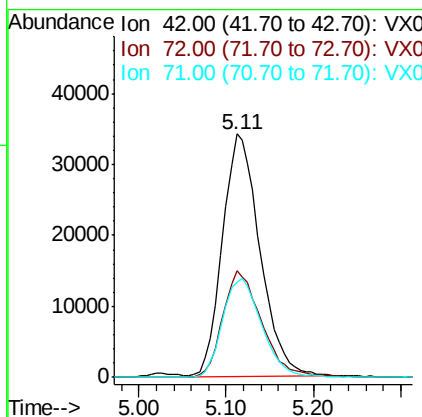
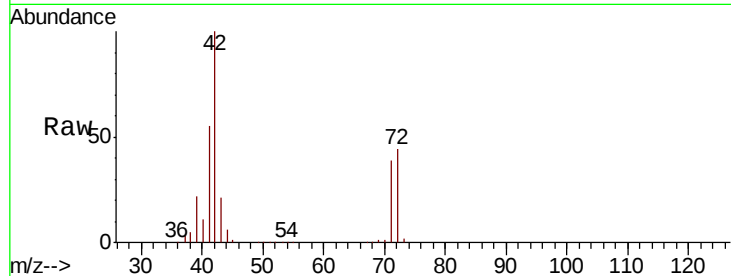
#29
Tetrahydrofuran
Concen: 89.978 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.0	51.0
71	42.7	31.5	47.3

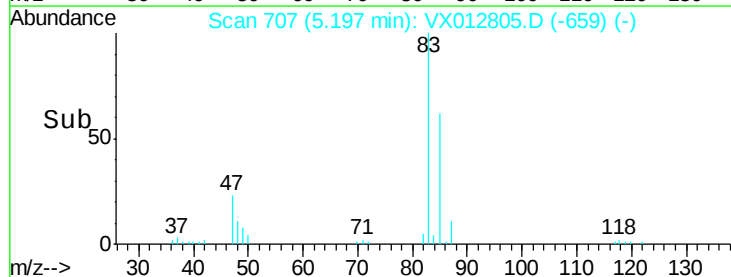
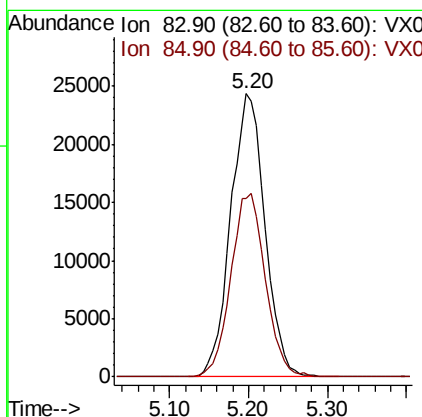
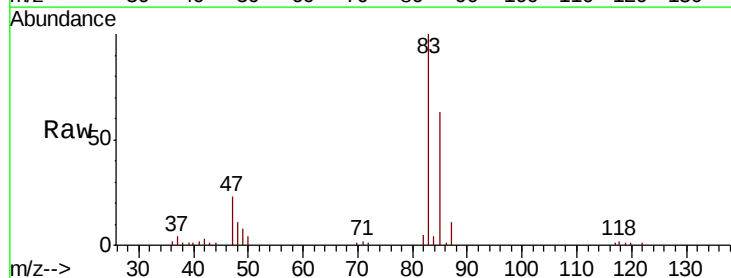
Manual Integrations
APPROVED

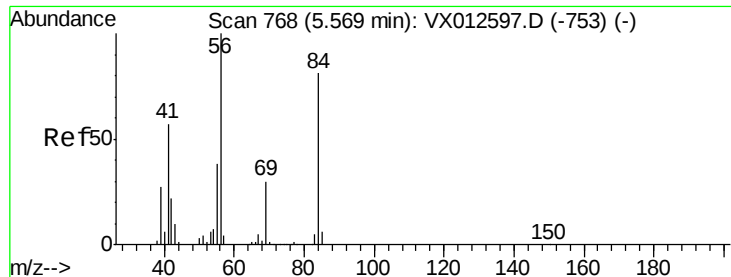
MMDadoda
10/7/2019 9:26:55 AM



#30
Chloroform
Concen: 19.023 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.0	79.4





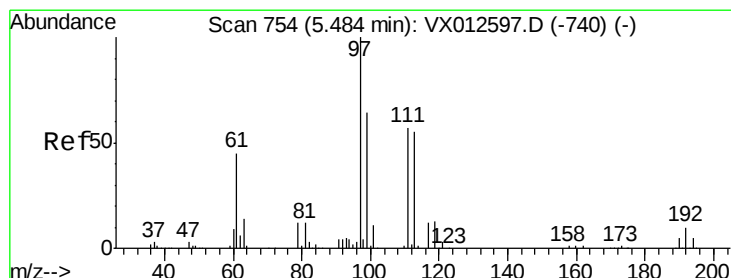
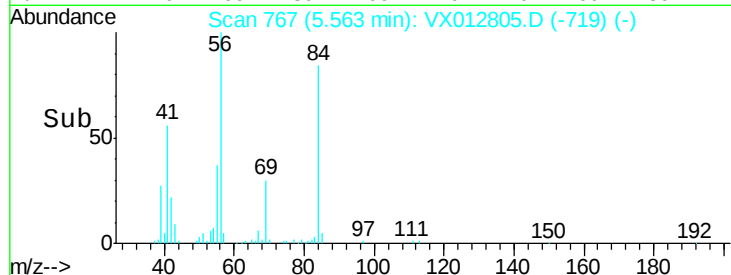
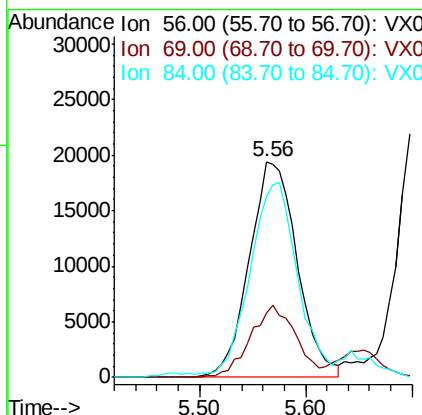
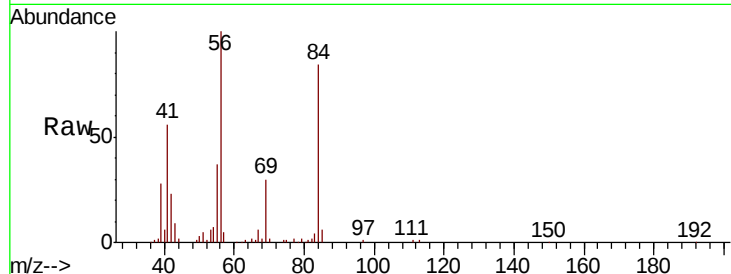
#31
Cyclohexane
Concen: 17.881 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.0	37.6
84	82.1	66.4	99.6

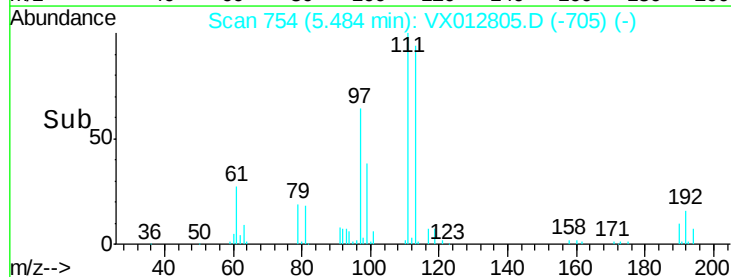
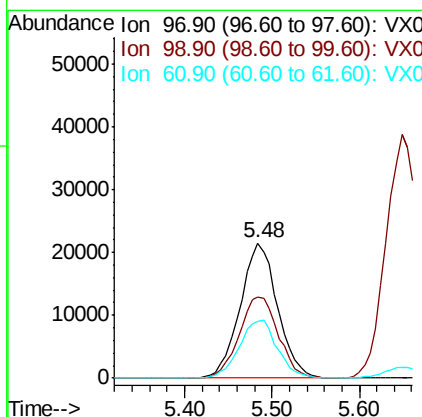
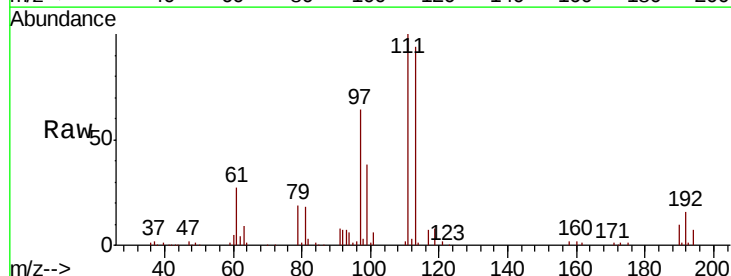
Manual Integrations
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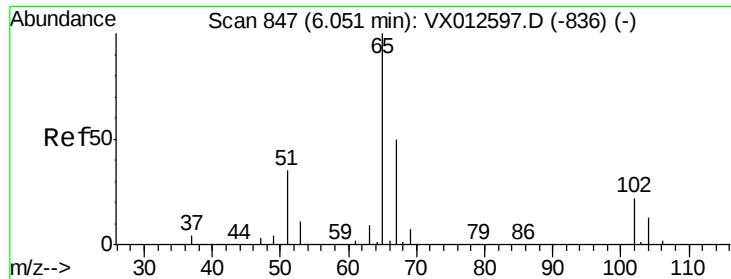
MMDadoda
10/7/2019 9:26:55 AM



#32
1,1,1-Trichloroethane
Concen: 18.543 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	44.0	36.1	54.1





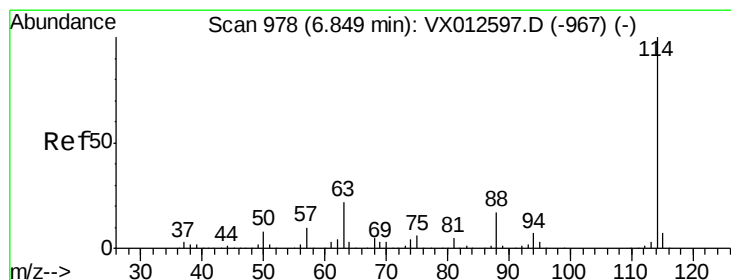
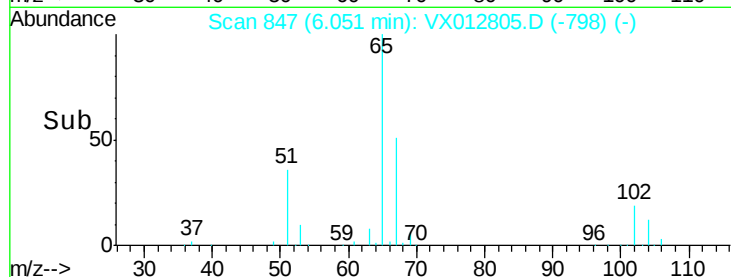
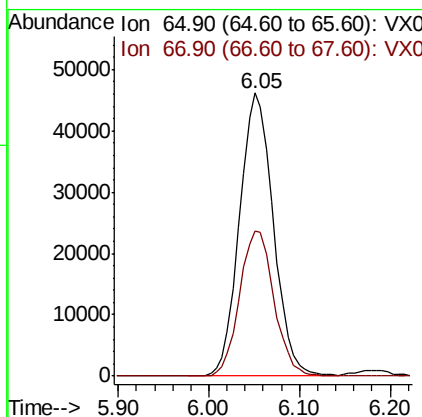
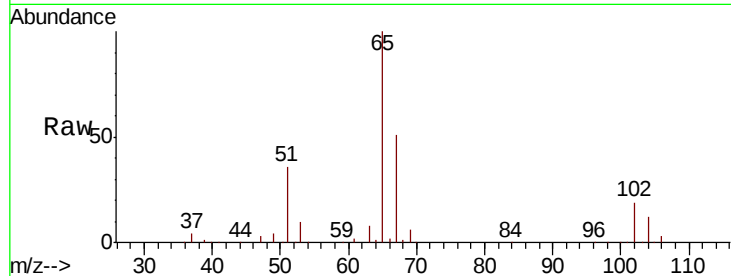
#33
 1,2-Dichloroethane-d4
 Concen: 48.633 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.2

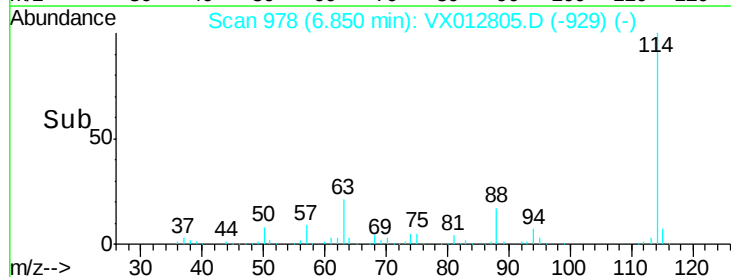
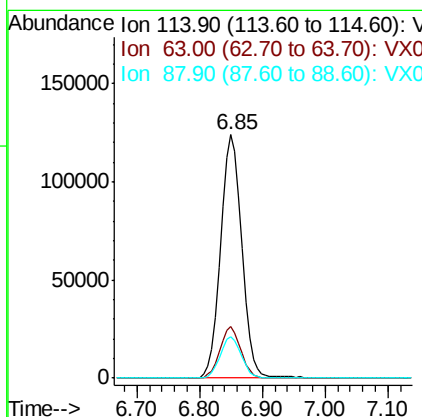
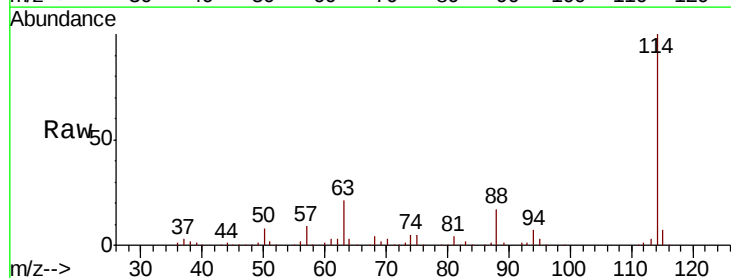
Manual Integrations
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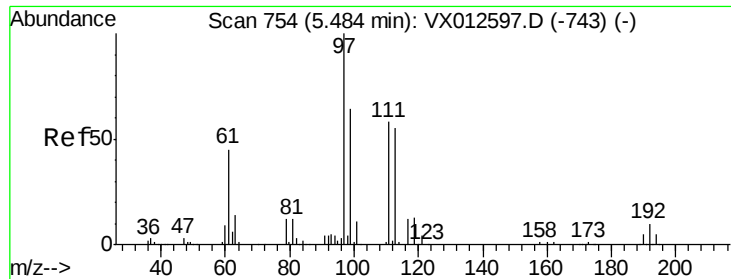
MMDadoda
 10/7/2019 9:26:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	17.2	0.0	33.2





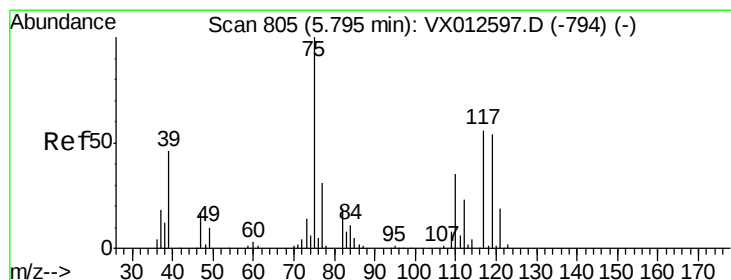
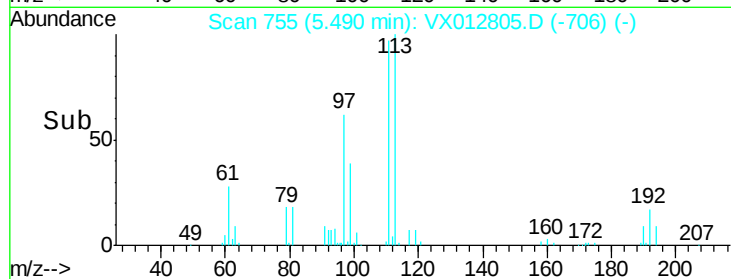
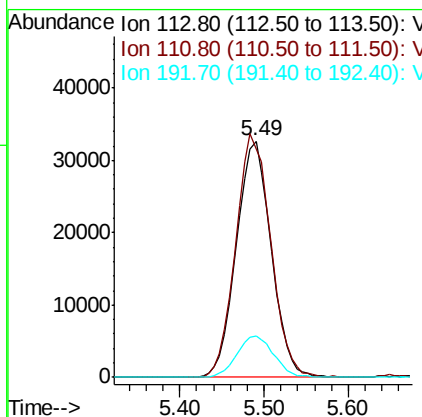
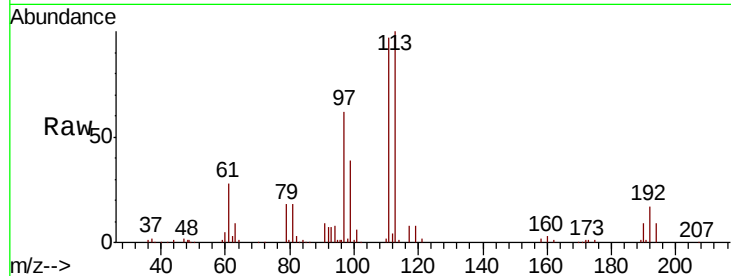
#35
 Dibromofluoromethane
 Concen: 52.886 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.2
192	18.4	14.4	21.6

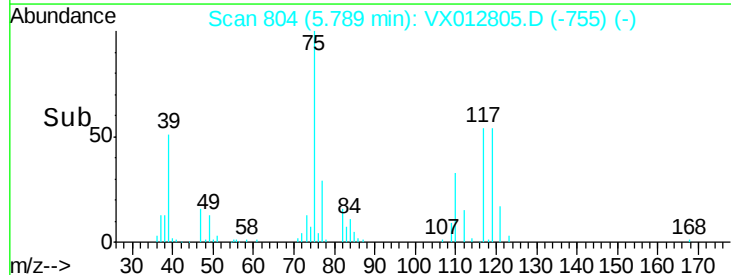
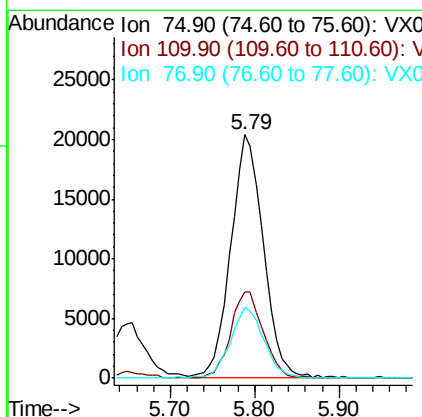
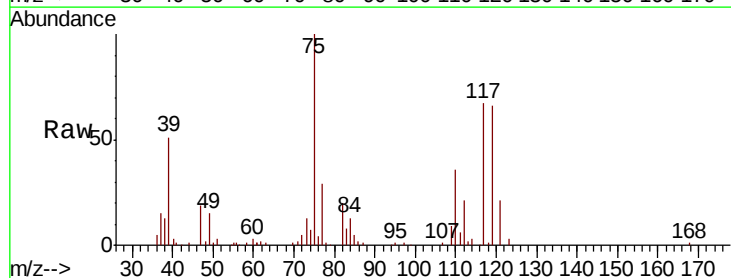
Manual Integrations
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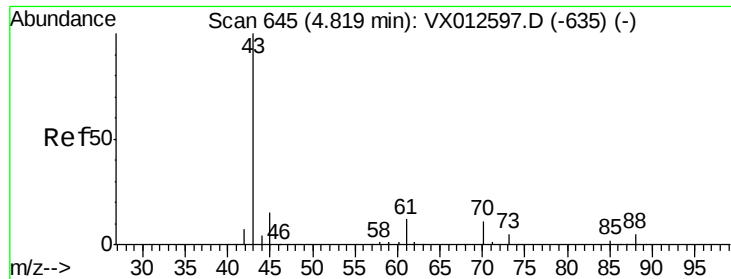
MMDadoda
 10/7/2019 9:26:55 AM



#36
 1,1-Dichloropropene
 Concen: 19.112 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	16.7	50.0
77	29.6	24.2	36.2





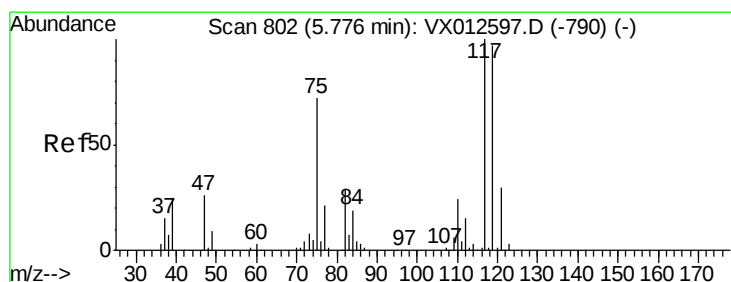
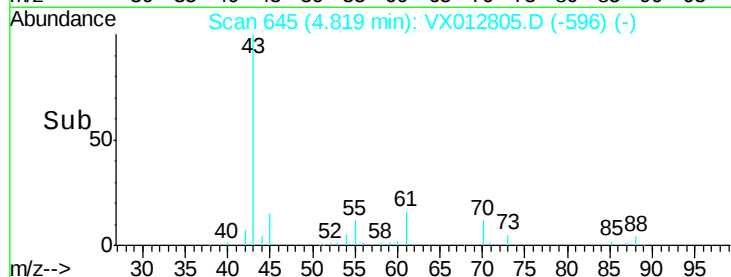
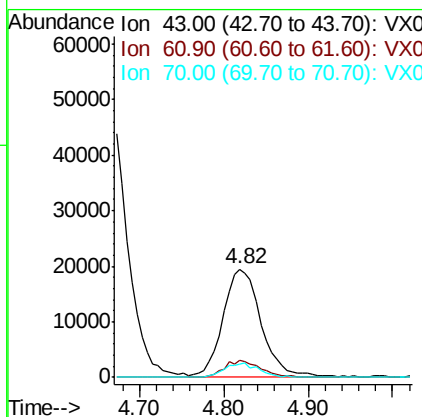
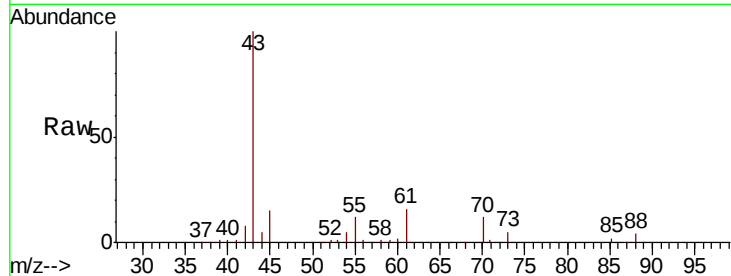
#37
Ethyl Acetate
Concen: 17.950 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion:	43	Resp:	58830
Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.2	15.4
70	12.1	8.7	13.1

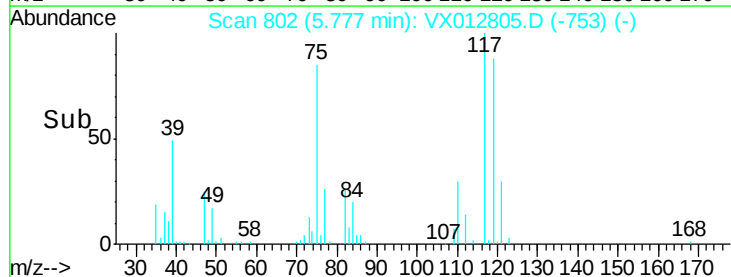
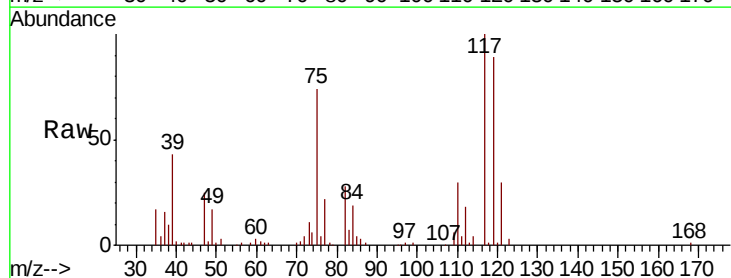
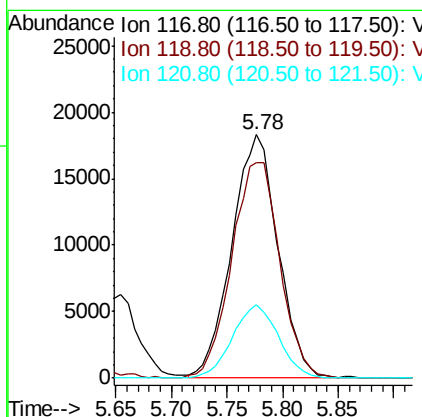
Manual Integrations
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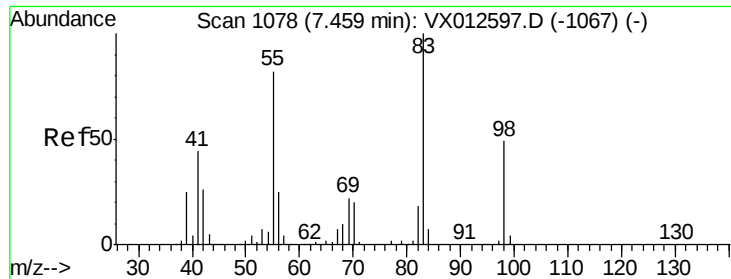
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#38
Carbon Tetrachloride
Concen: 18.489 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion:	117	Resp:	52652
Ion	Ratio	Lower	Upper
117	100		
119	88.7	75.7	113.5
121	29.9	24.2	36.4





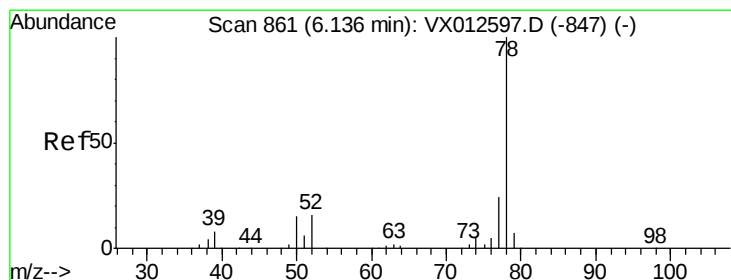
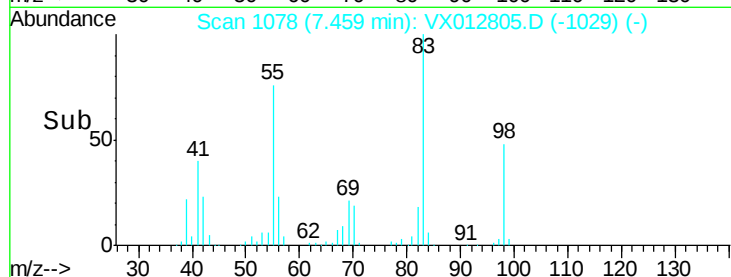
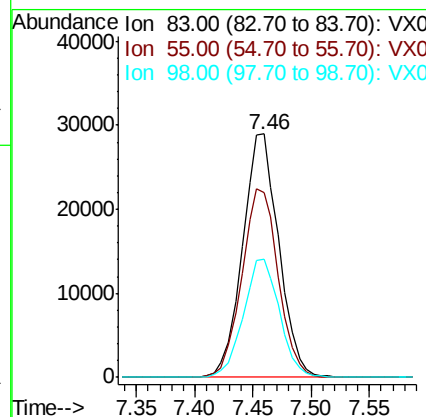
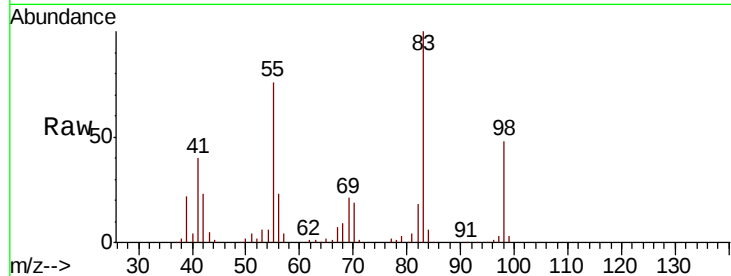
#39
Methvlcvclohexane
Concen: 18.598 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	64.4	96.6
98	48.4	40.1	60.1

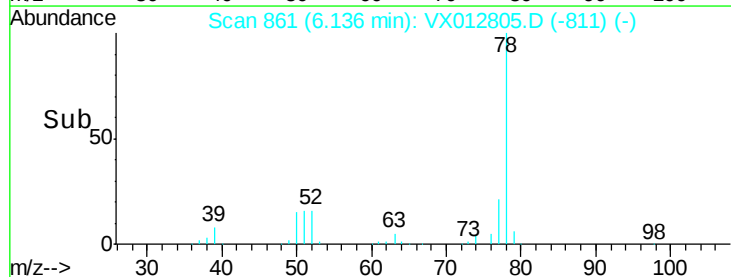
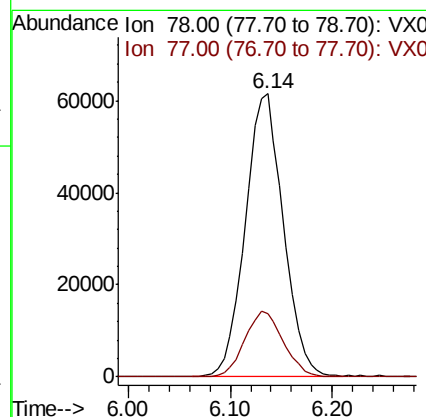
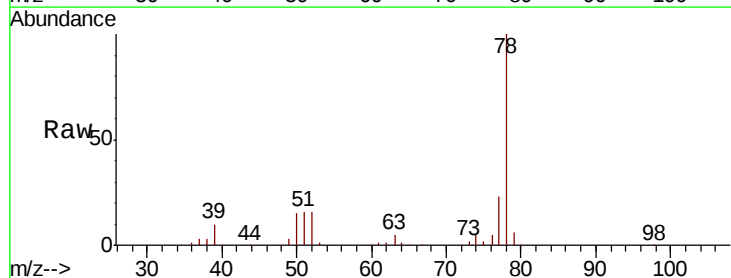
Manual Integrations
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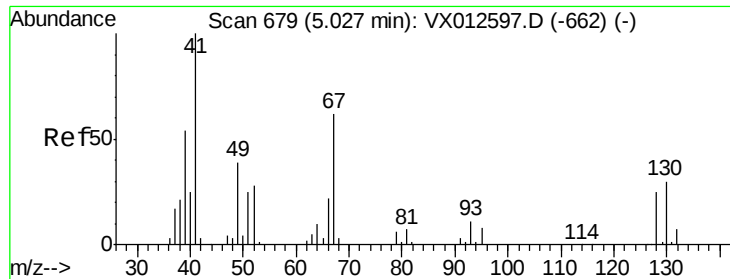
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#40
Benzene
Concen: 19.353 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8





#41

Methacrylonitrile

Concen: 19.002 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion: 41 Resp: 34943

Ion Ratio Lower Upper

41 100

39 51.5 46.0 69.0

67 69.7 52.2 78.2

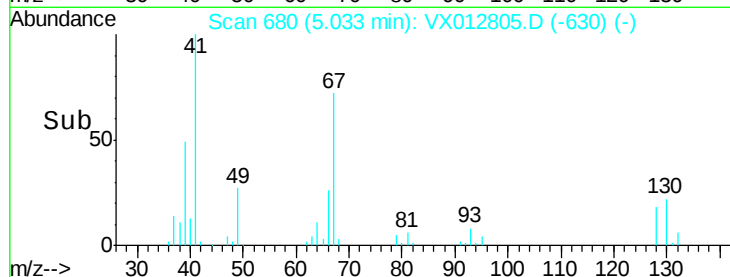
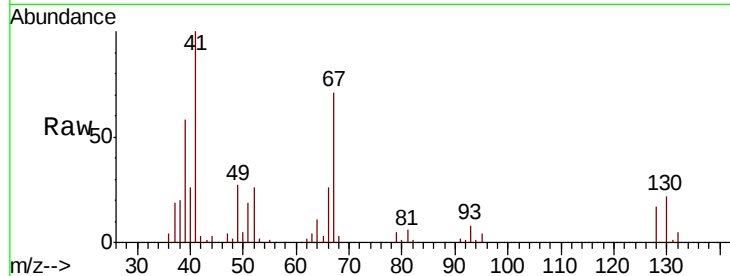
52 28.6 22.7 34.1

Manual Integrations

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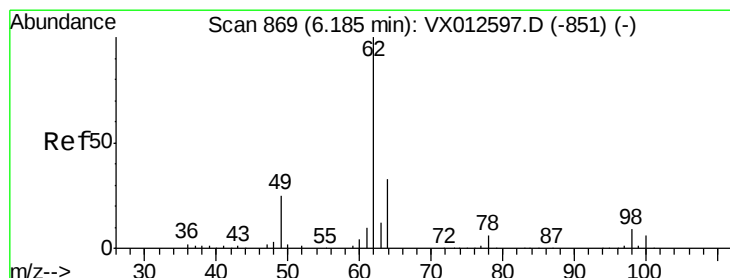
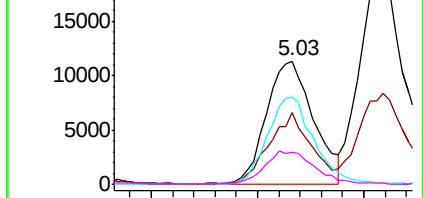


Abundance Ion 41.00 (40.70 to 41.70): VX012805.D (-630) (-)

Ion 39.00 (38.70 to 39.70): VX012805.D (-630) (-)

Ion 67.00 (66.70 to 67.70): VX012805.D (-630) (-)

Ion 52.00 (51.70 to 52.70): VX012805.D (-630) (-)



#42

1,2-Dichloroethane

Concen: 18.924 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012805.D

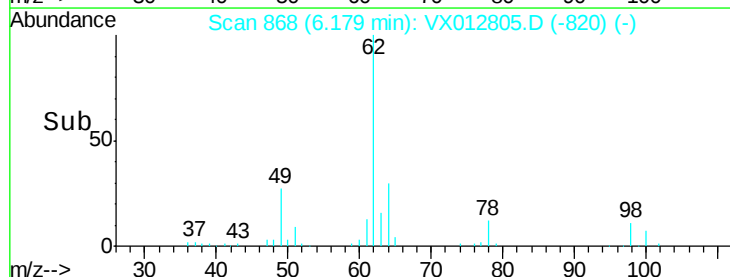
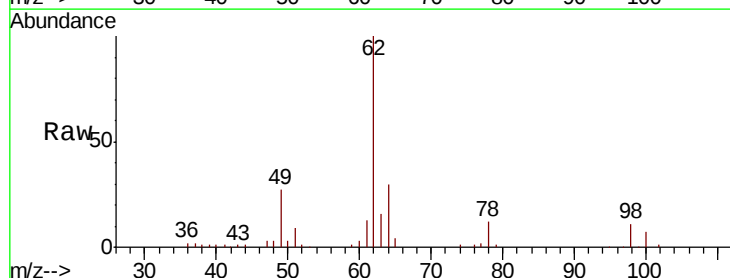
Acq: 04 Oct 2019 12:42

Tgt Ion: 62 Resp: 59275

Ion Ratio Lower Upper

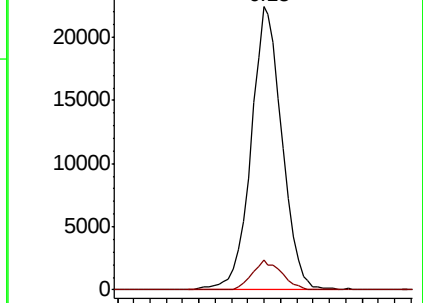
62 100

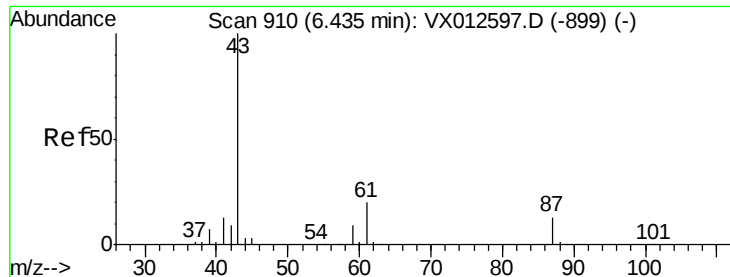
98 10.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX012805.D (-820) (-)

Ion 97.90 (97.60 to 98.60): VX012805.D (-820) (-)





#43

Isopropyl Acetate

Concen: 18.118 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

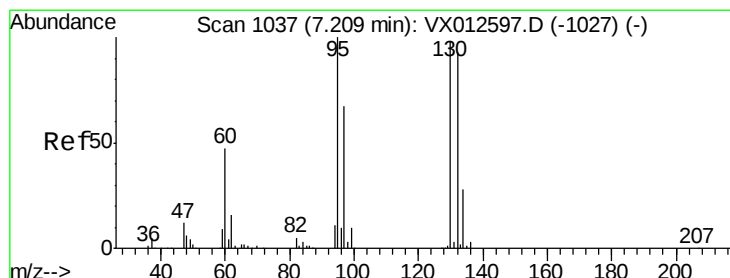
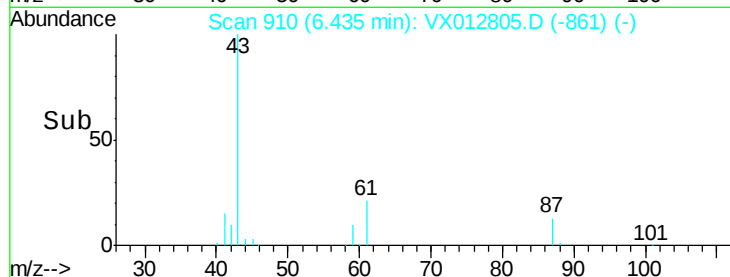
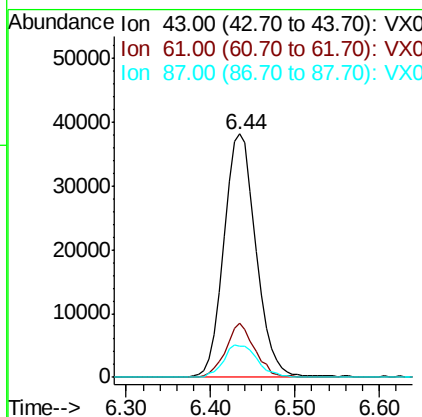
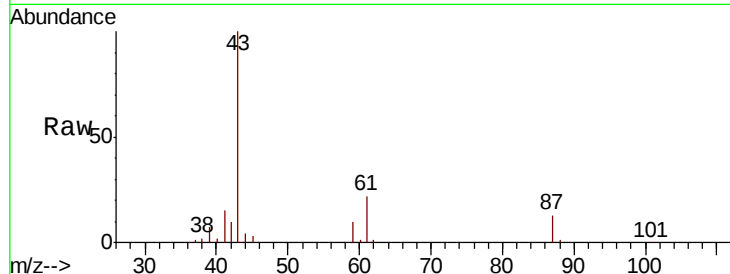
ClientSampleId :

VX1004WBS01

Tot Ion:	43	Resp:	99305
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	14.0	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 19.725 ug/l

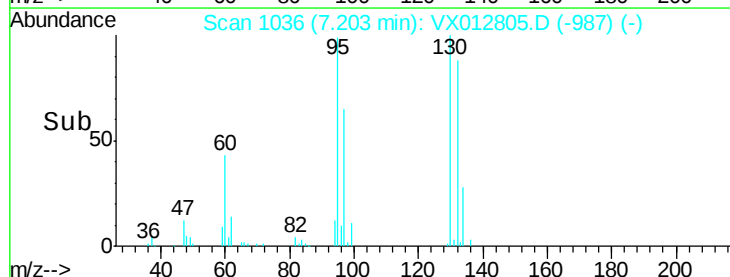
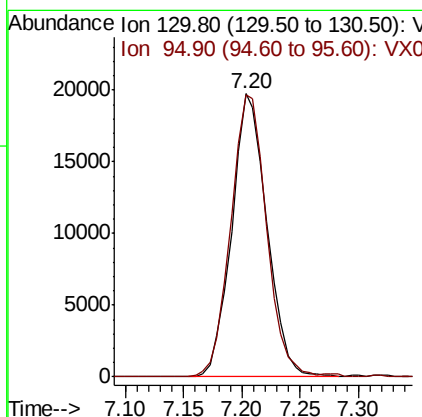
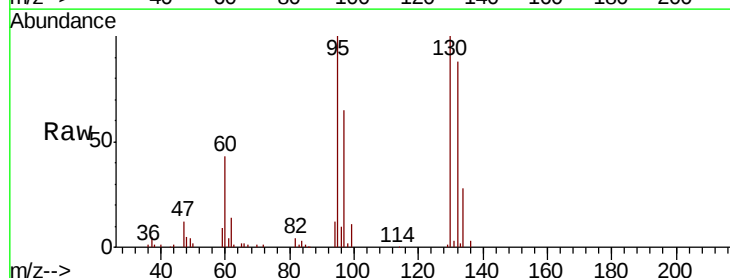
RT: 7.20 min Scan# 1036

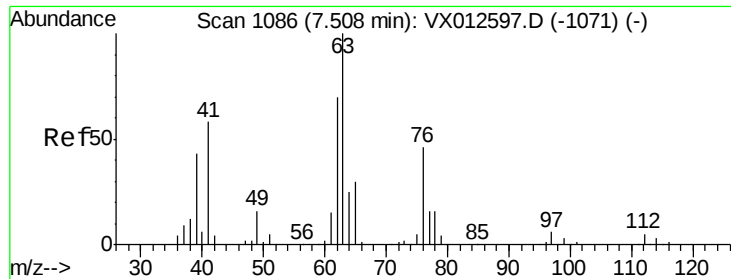
Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion:	130	Resp:	41595
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	193.0





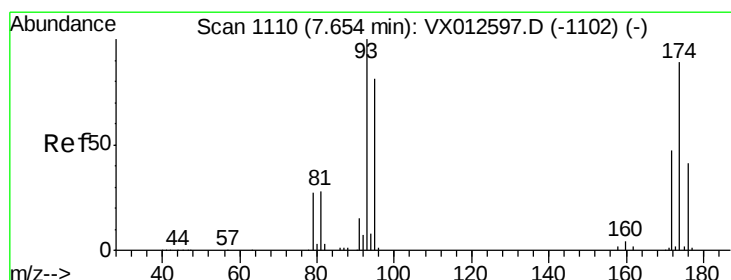
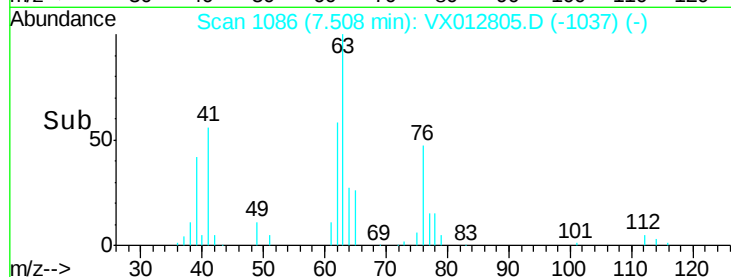
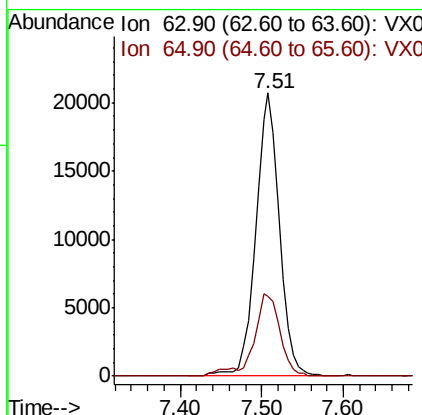
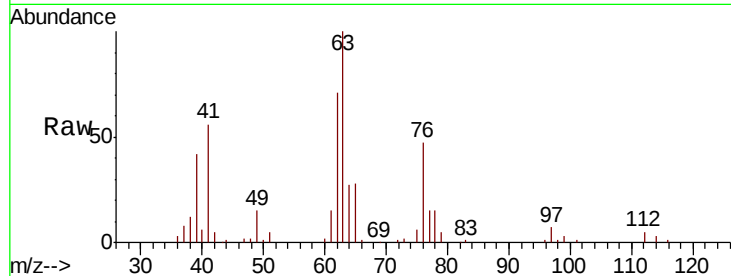
#45
 1,2-Dichloropropane
 Concen: 19.924 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS01

Tot Ion: 63 Resp: 42075
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.0 37.6

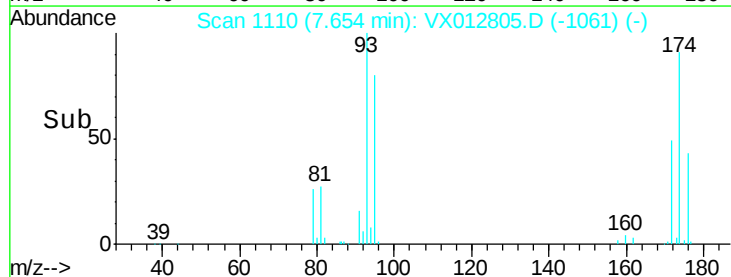
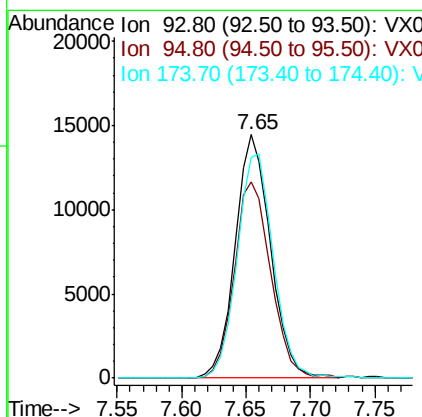
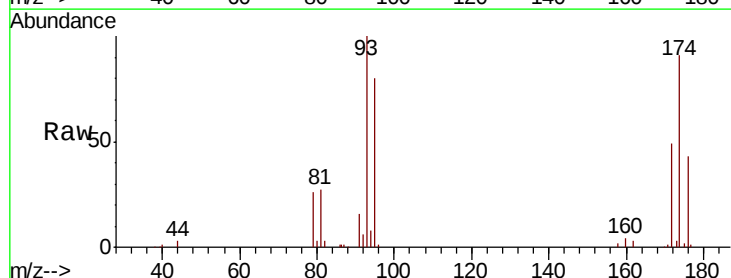
Manual Integrations
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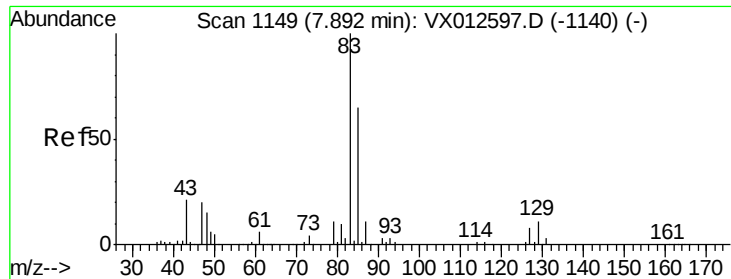
MMDadoda
 10/7/2019 9:26:55 AM



#46
 Dibromomethane
 Concen: 19.147 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 93 Resp: 27530
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 94.1 77.4 116.0





#47

Bromodichloromethane

Concen: 18.593 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

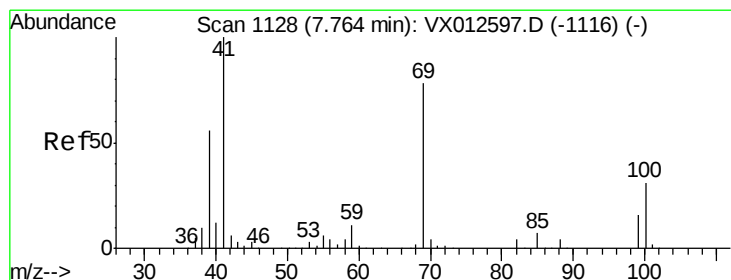
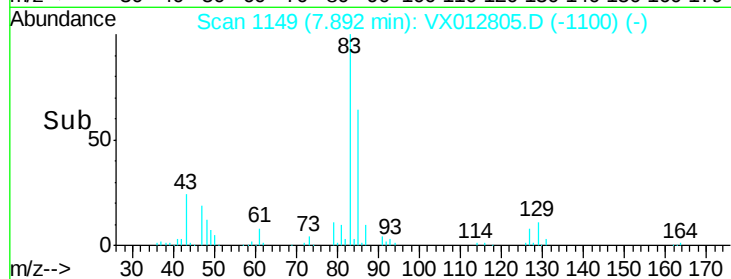
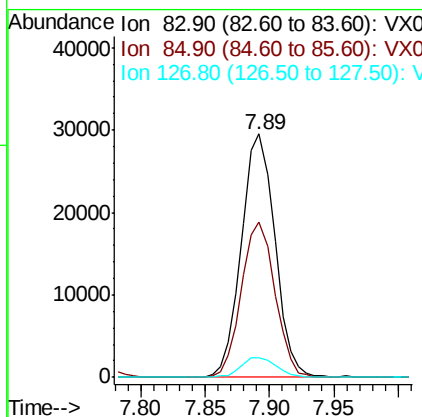
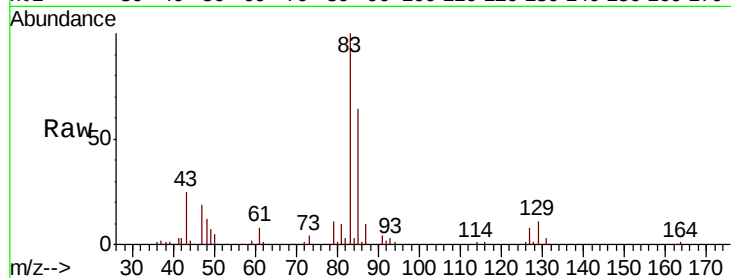
ClientSampleId :

VX1004WBS01

Tot Ion:	83	Resp:	53432
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.6
127	8.2	7.3	10.9

Manual Integrations
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10/7/2019 9:26:55 AM



#48

Methyl methacrylate

Concen: 18.054 ug/l

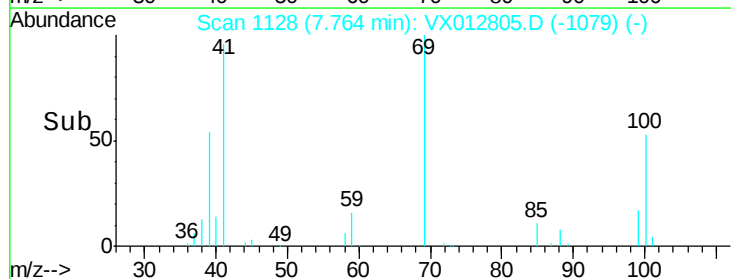
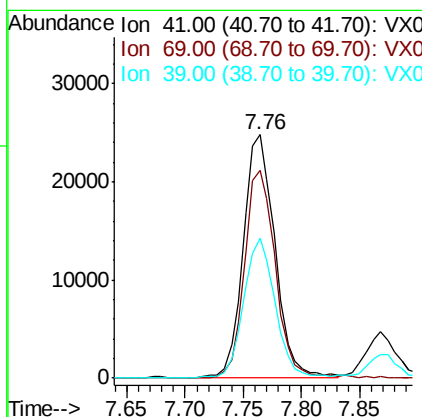
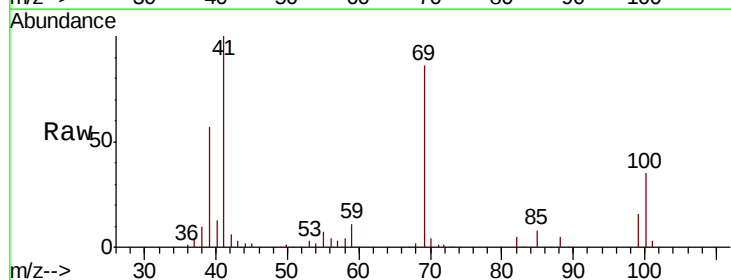
RT: 7.76 min Scan# 1128

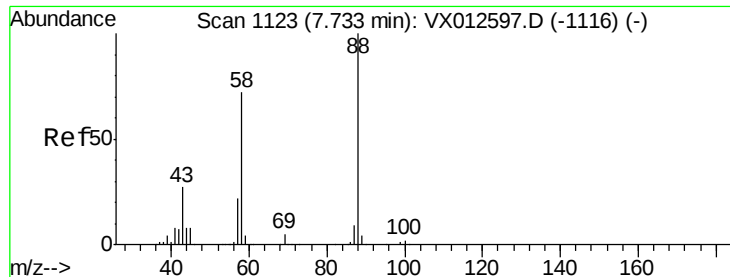
Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion:	41	Resp:	47448
Ion	Ratio	Lower	Upper
41	100		
69	83.4	59.9	89.9
39	57.0	47.8	71.6





#49

1,4-Dioxane

Concen: 357.067 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

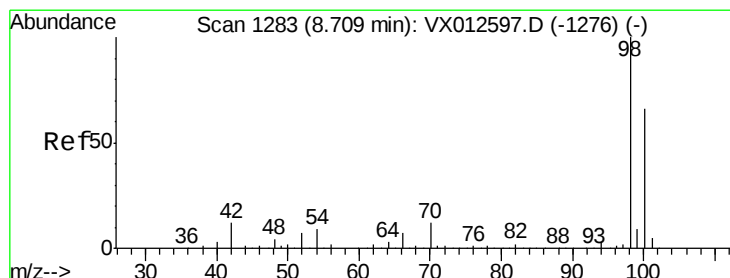
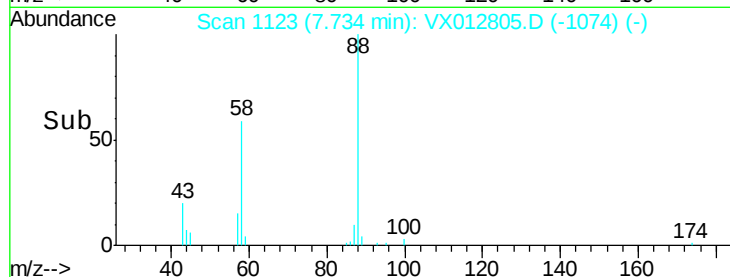
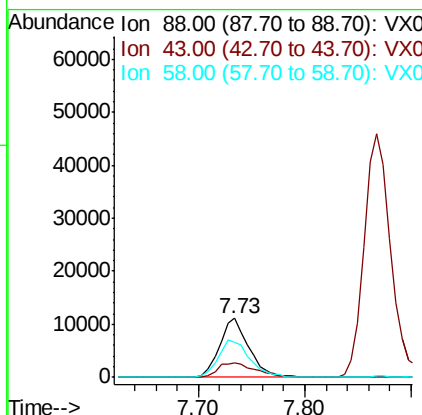
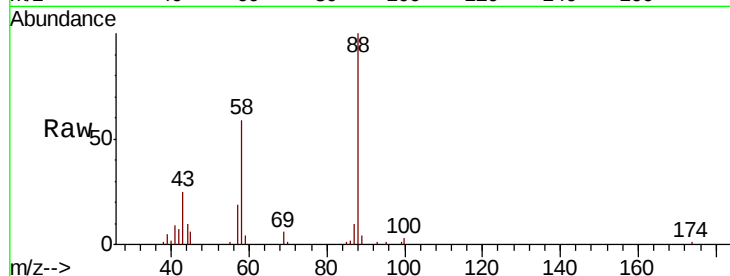
ClientSampleId :

VX1004WBS01

Tot Ion:	88	Resp:	21285
Ion	Ratio	Lower	Upper
88	100		
43	33.2	29.4	44.0
58	68.1	57.5	86.3

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#50

Toluene-d8

Concen: 51.095 ug/l

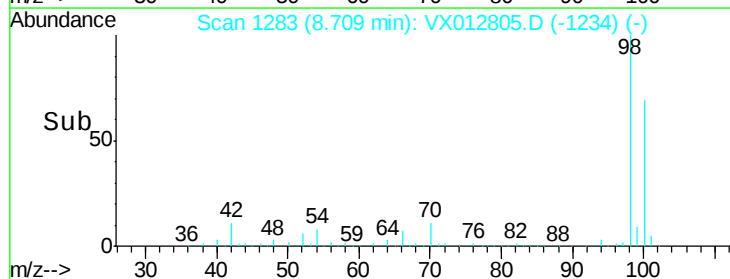
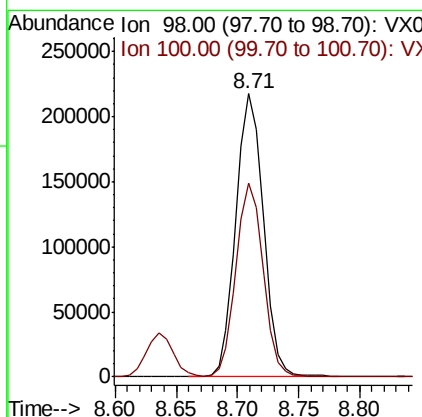
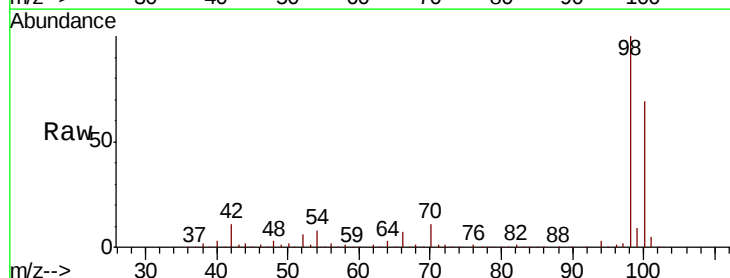
RT: 8.71 min Scan# 1283

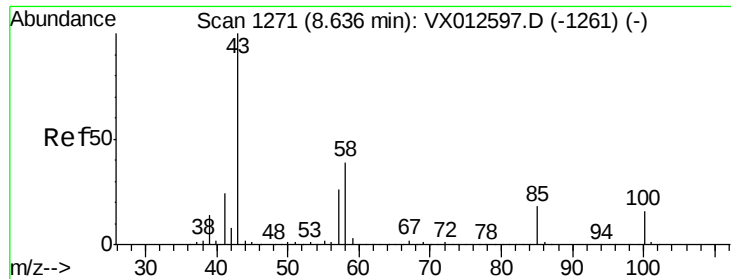
Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion:	98	Resp:	340829
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 92.096 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

Tot Ion: 43 Resp: 311594

Ion Ratio Lower Upper

43 100

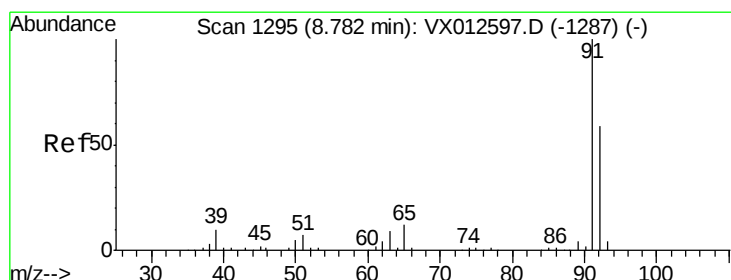
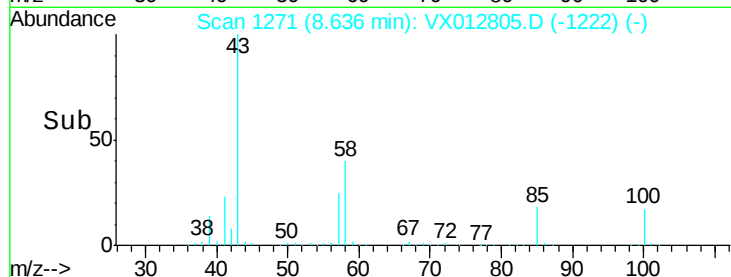
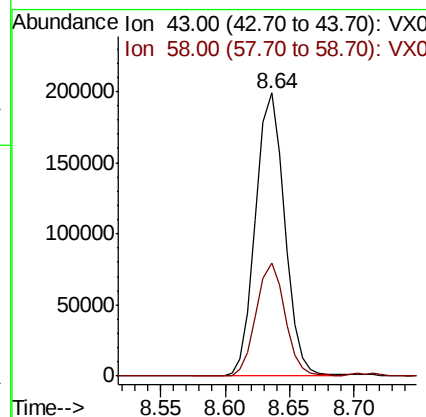
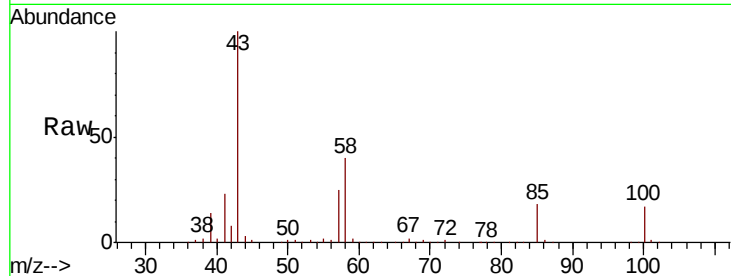
58 39.5 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 19.414 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012805.D

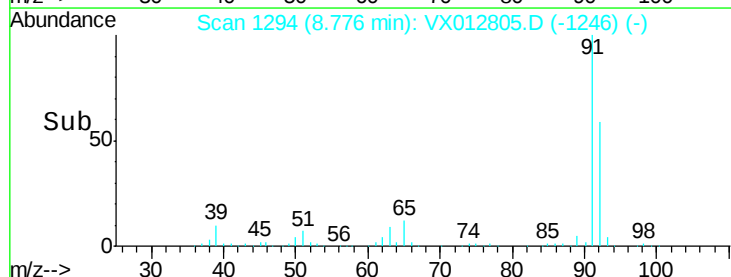
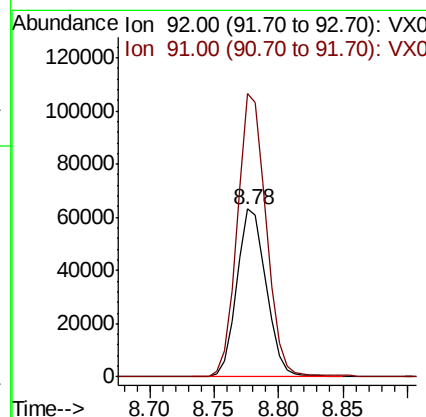
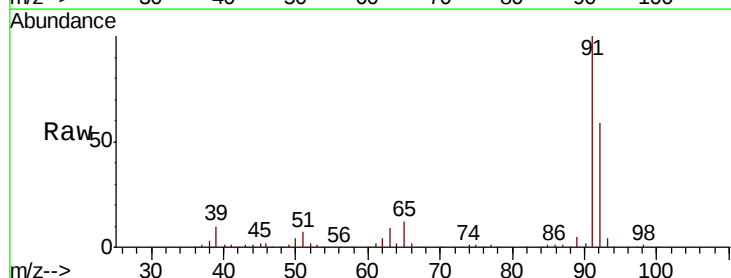
Acq: 04 Oct 2019 12:42

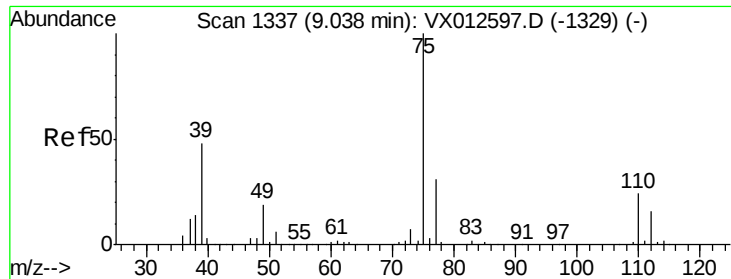
Tgt Ion: 92 Resp: 100646

Ion Ratio Lower Upper

92 100

91 165.6 135.4 203.0





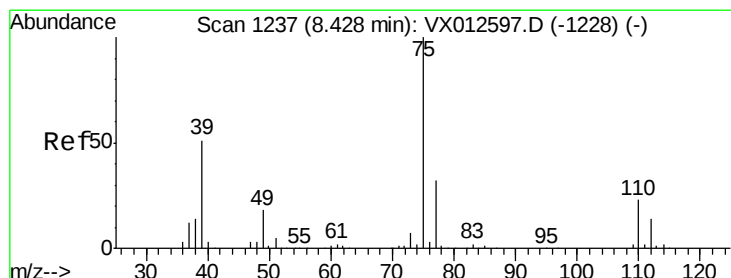
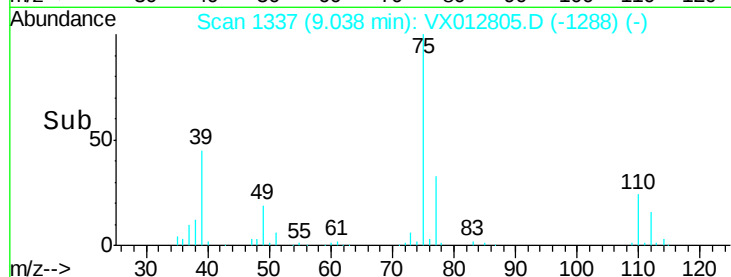
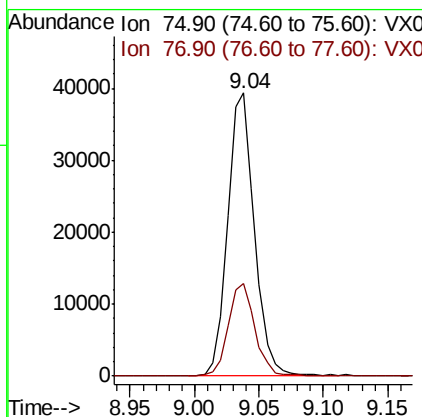
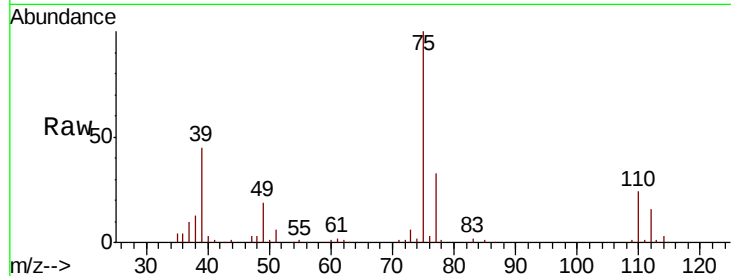
#53
t-1,3-Dichloropropene
Concen: 18.030 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion: 75 Resp: 57325
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8

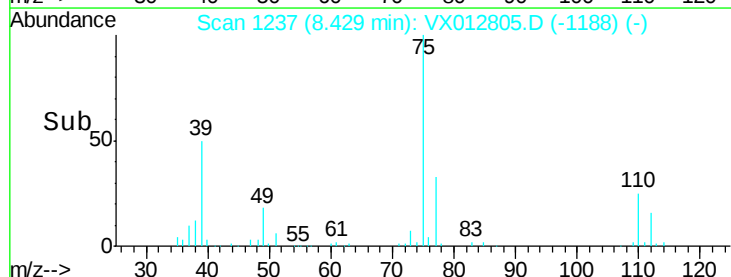
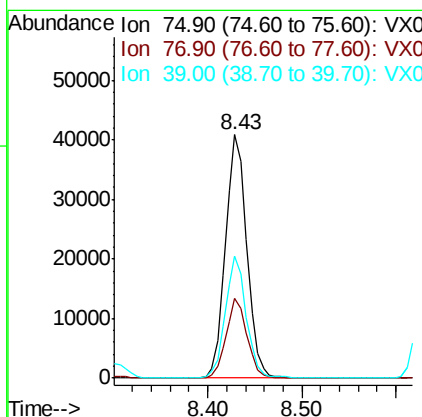
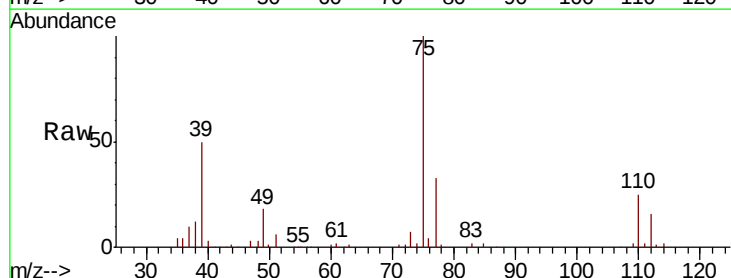
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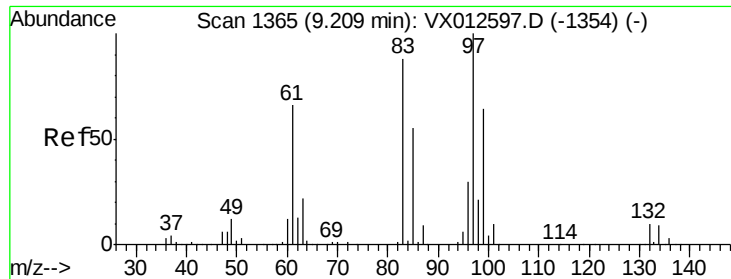
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.571 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 75 Resp: 64470
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
39 50.4 45.5 68.3





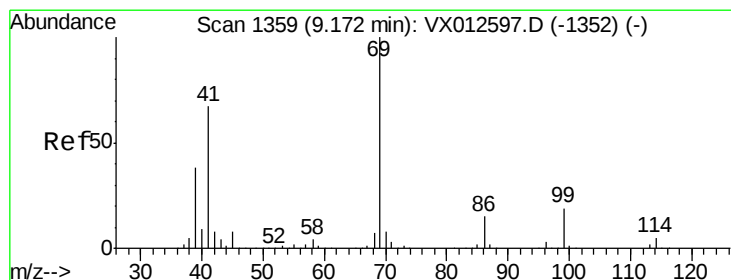
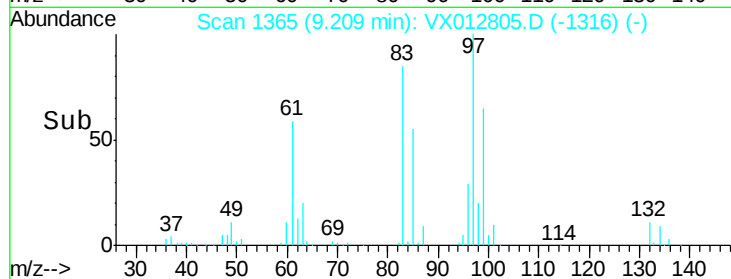
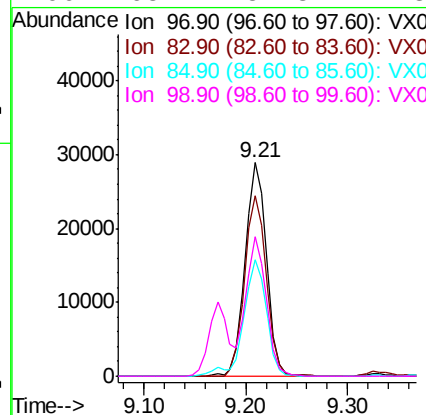
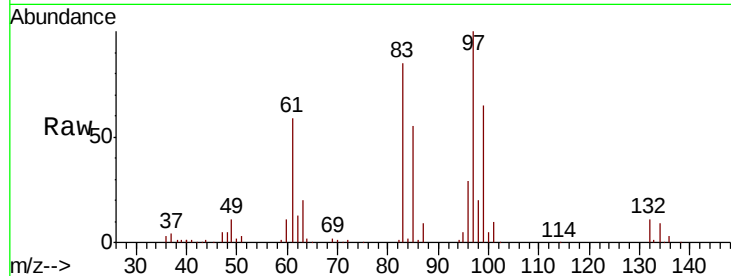
#55
 1,1,2-Trichloroethane
 Concen: 20.281 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Tot Ion:	97	Resp:	41802
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.2
85	54.6	43.5	65.3
99	65.4	51.8	77.8

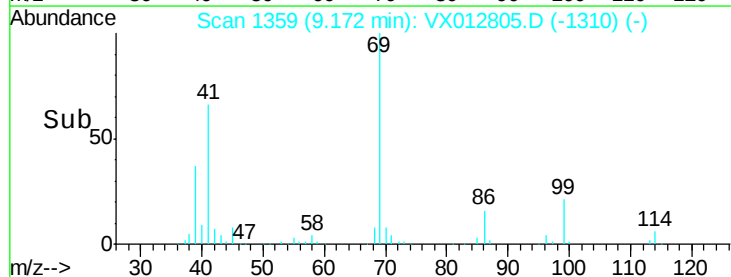
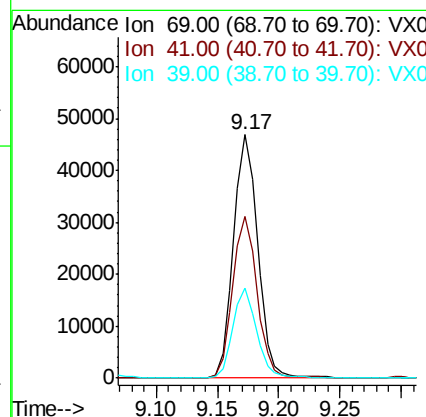
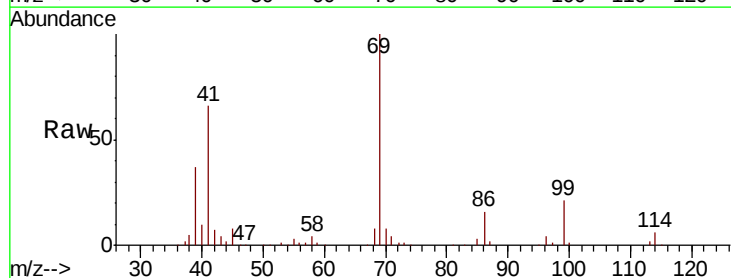
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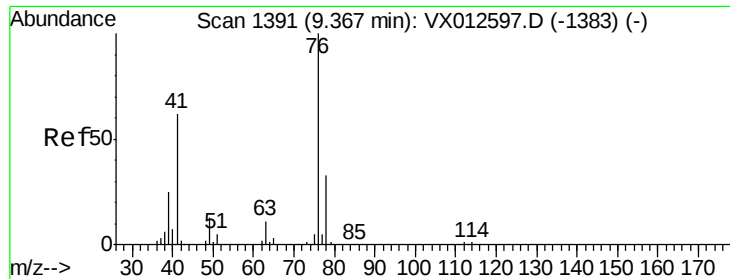
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#56
 Ethyl methacrylate
 Concen: 18.605 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion:	69	Resp:	64423
Ion	Ratio	Lower	Upper
69	100		
41	67.1	58.4	87.6
39	36.6	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.962 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

Tot Ion: 76 Resp: 72007

Ion Ratio Lower Upper

76 100

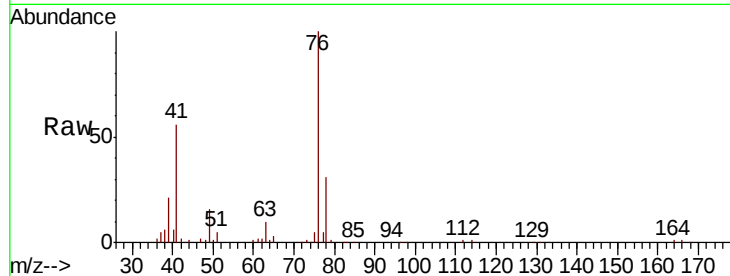
78 32.4 26.2 39.2

Manual Integrations

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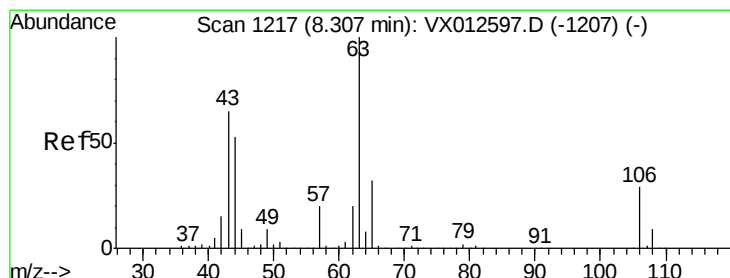
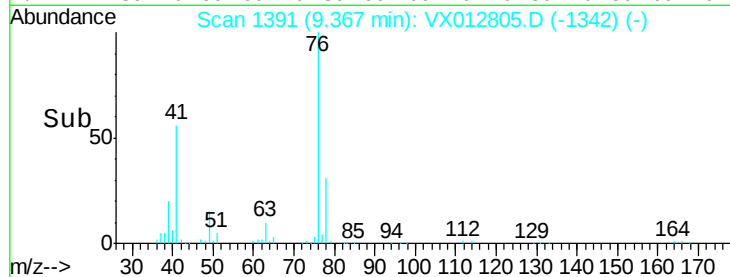
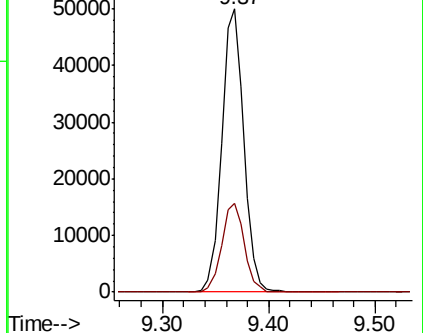
MMDadoda

10/7/2019 9:26:55 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 110.777 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012805.D

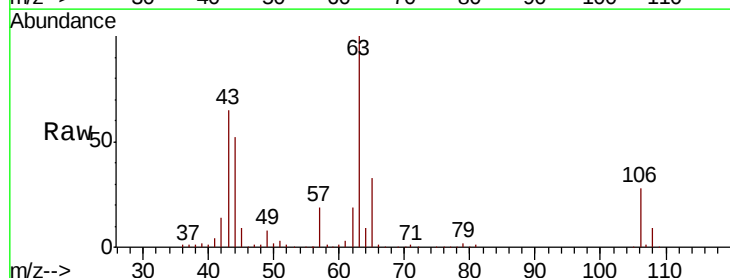
Acq: 04 Oct 2019 12:42

Tgt Ion: 63 Resp: 172181

Ion Ratio Lower Upper

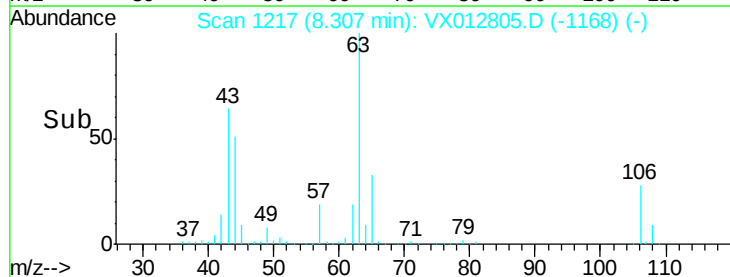
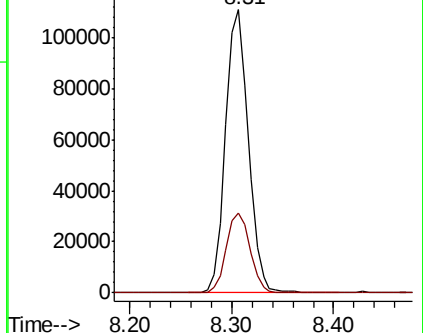
63 100

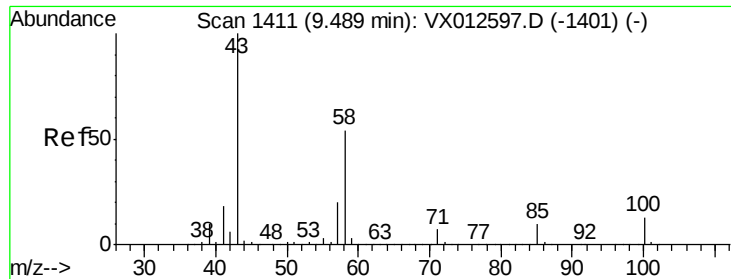
106 29.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





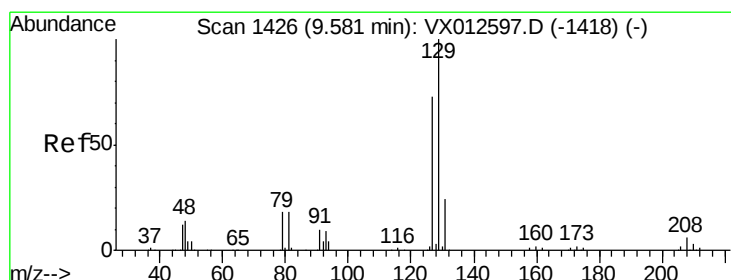
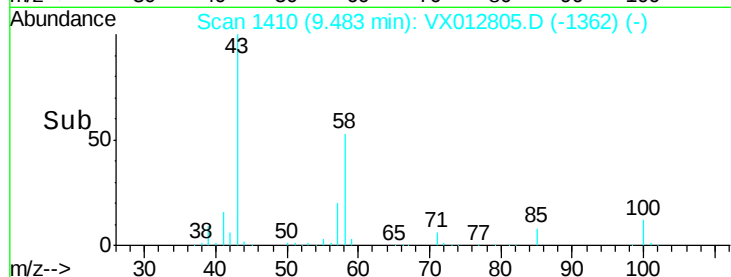
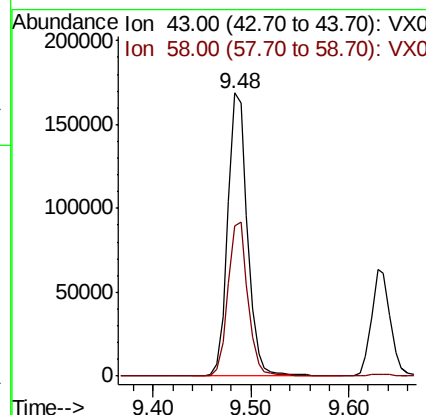
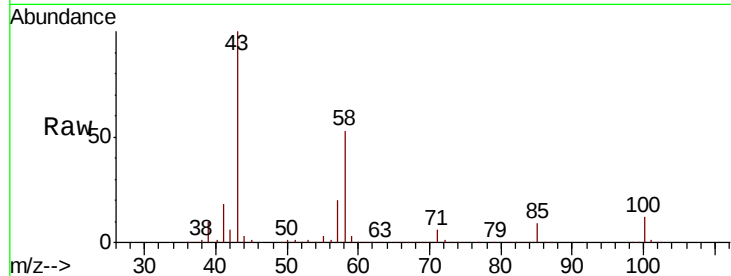
#59
2-Hexanone
Concen: 90.982 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion: 43 Resp: 235621
Ion Ratio Lower Upper
43 100
58 55.1 25.7 77.1

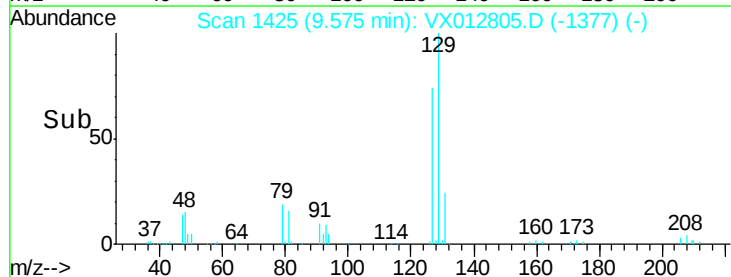
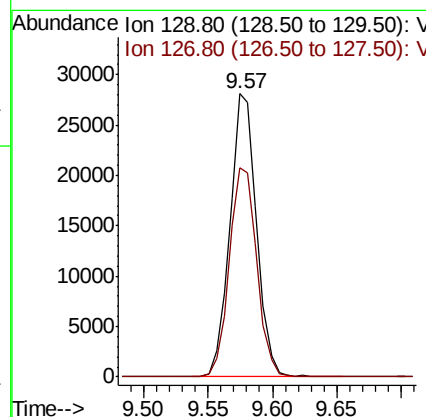
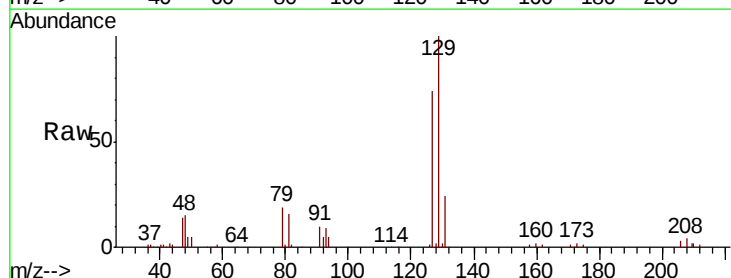
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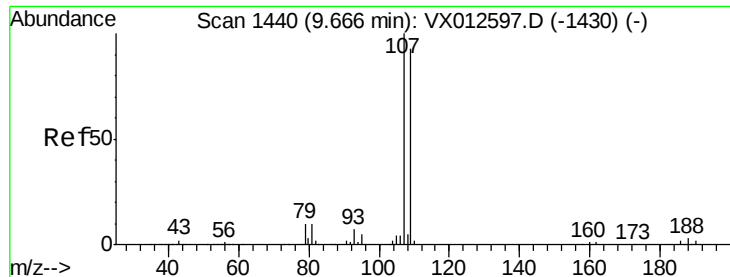
MMDadoda
10/7/2019 9:26:55 AM



#60
Dibromochloromethane
Concen: 19.546 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 129 Resp: 40781
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.156 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion:107 Resp: 43236

Ion Ratio Lower Upper

107 100

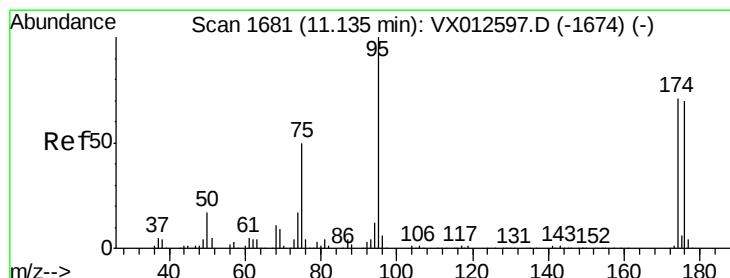
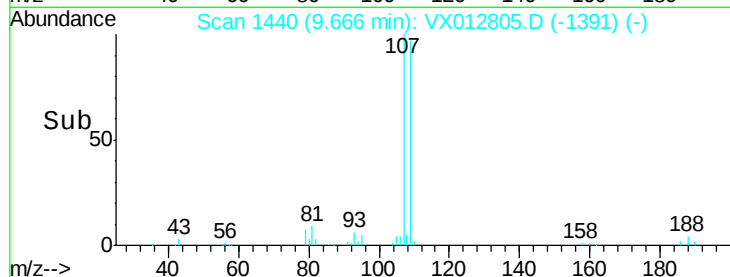
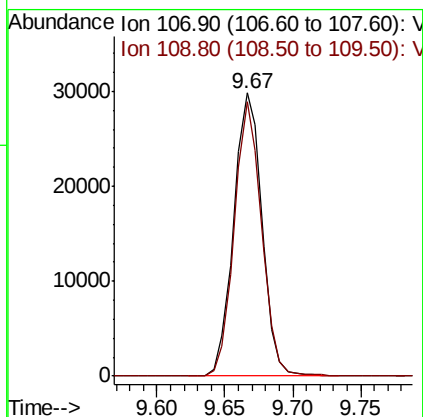
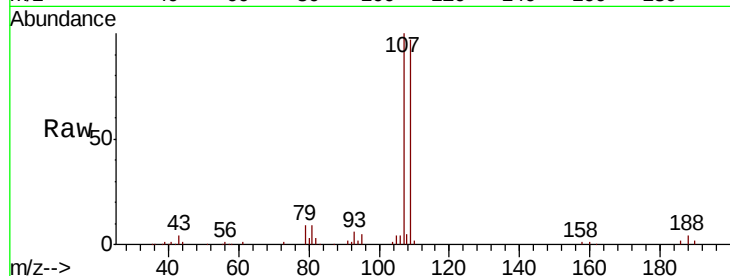
109 93.4 74.7 112.1

Manual Integrations

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10/7/2019 9:26:55 AM



#62

4-Bromofluorobenzene

Concen: 50.017 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

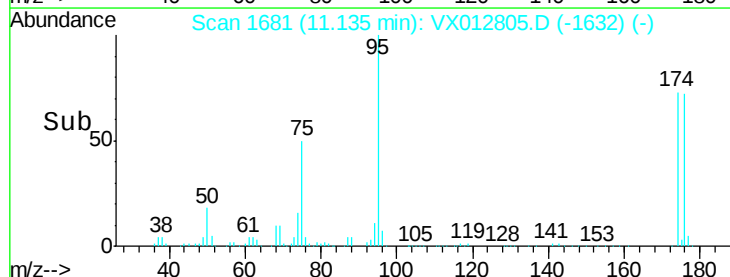
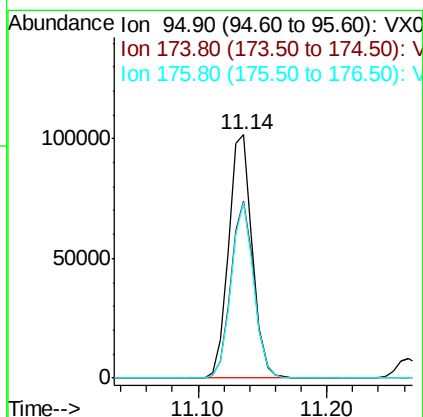
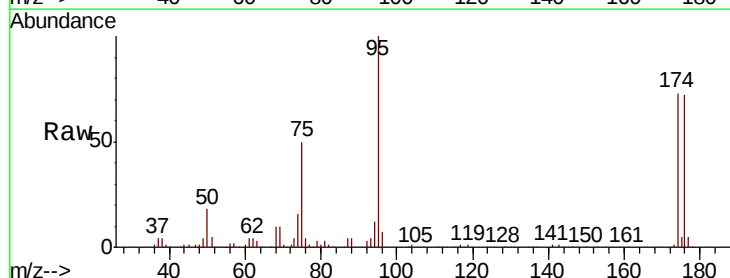
Tgt Ion: 95 Resp: 131188

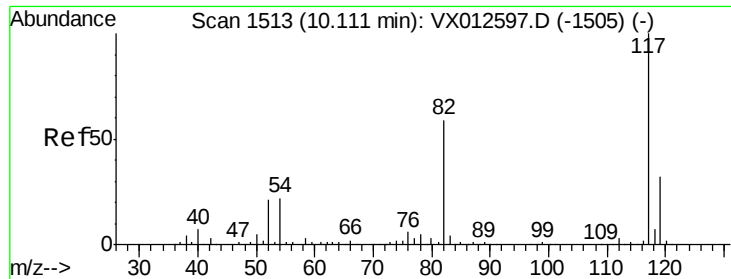
Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

176 68.9 0.0 135.4





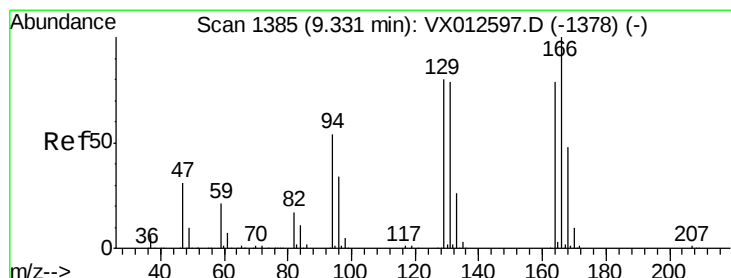
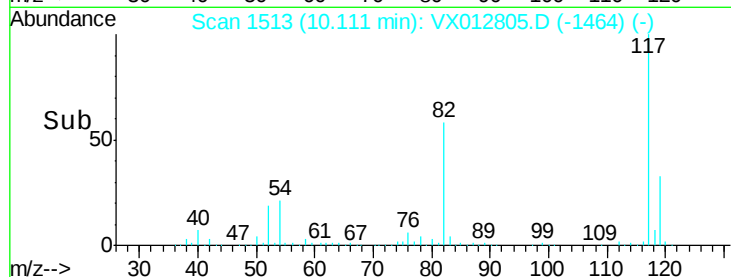
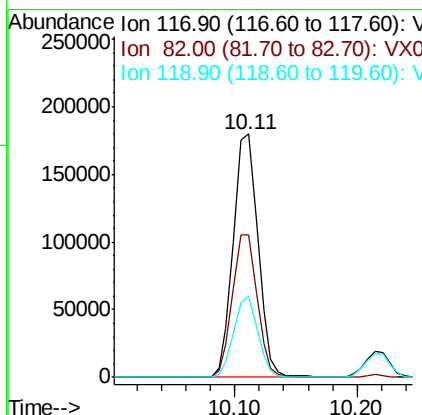
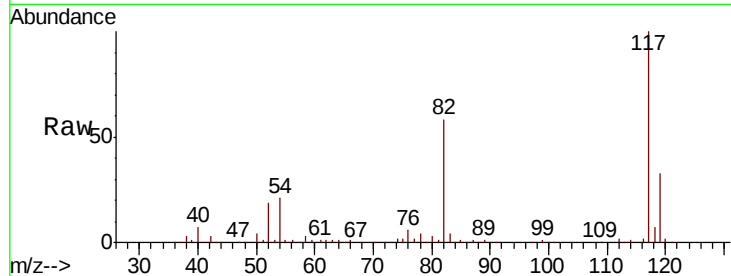
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.9	68.9
119	33.2	25.3	37.9

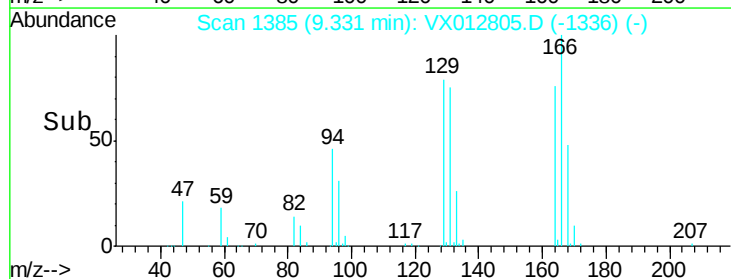
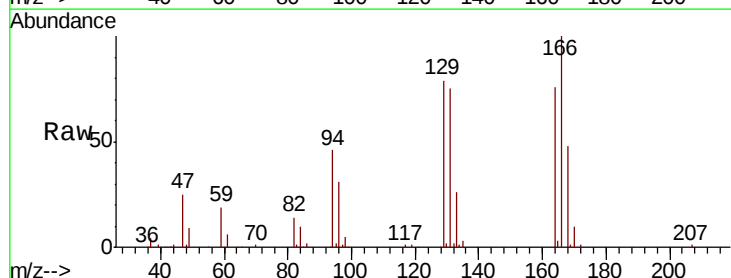
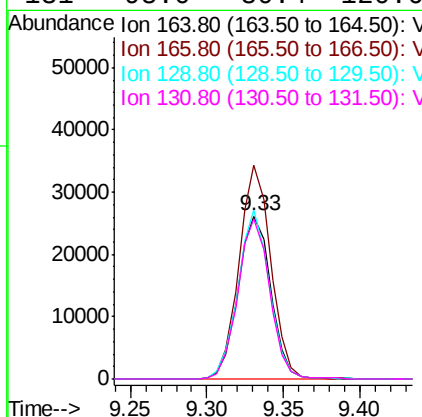
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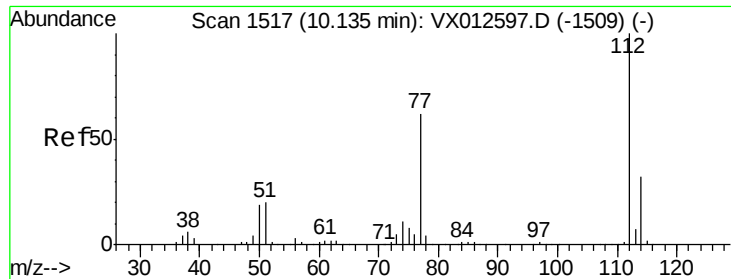
MMDadoda
10/7/2019 9:26:55 AM



#64
Tetrachloroethene
Concen: 22.117 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	107.8	161.6
129	103.5	86.2	129.2
131	98.0	80.4	120.6





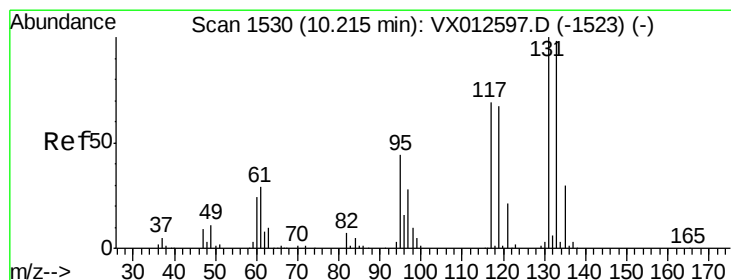
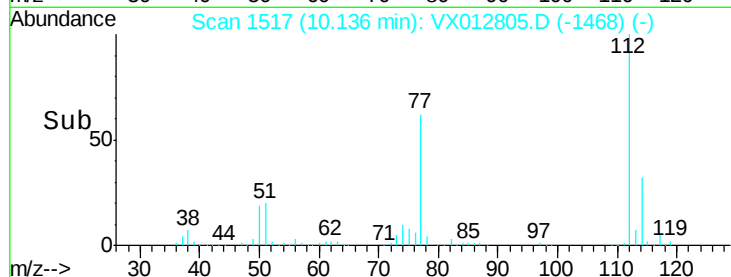
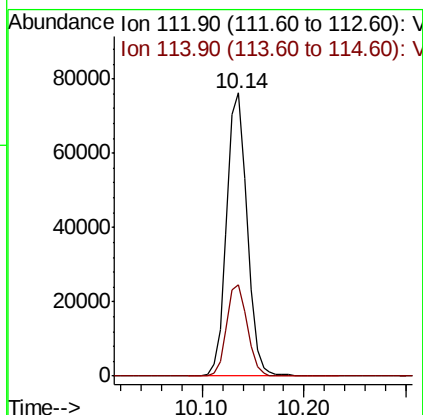
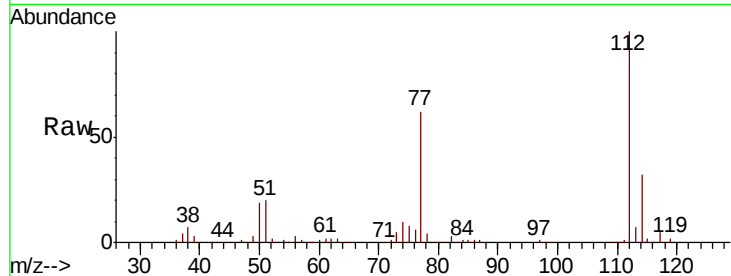
#65
Chlorobenzene
Concen: 19.966 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion:112 Resp: 106055
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

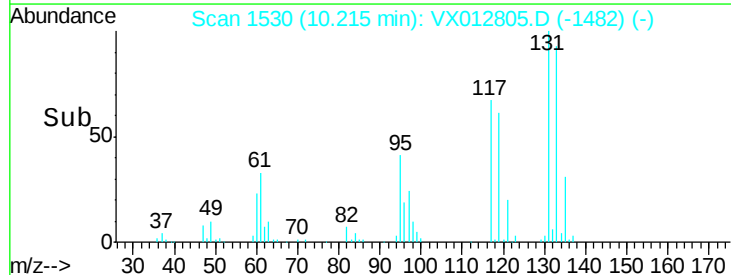
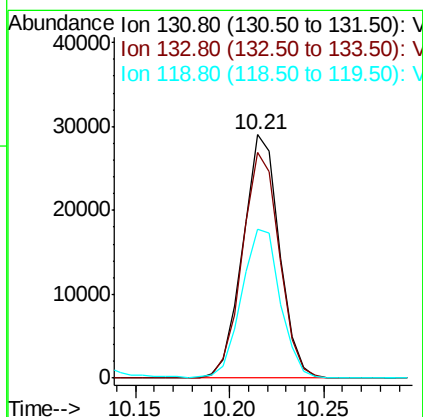
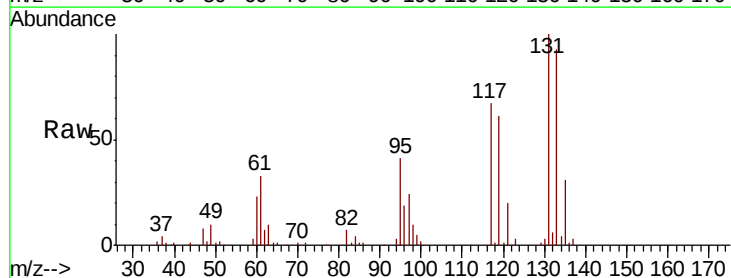
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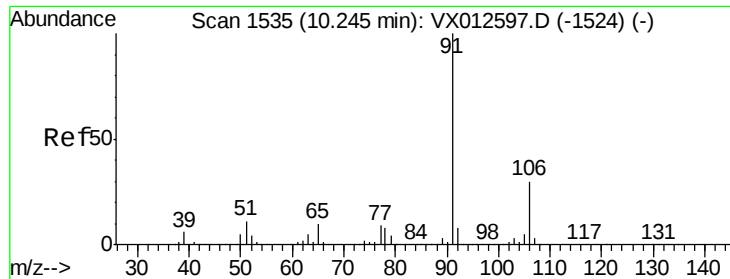
MMDadoda
10/7/2019 9:26:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.191 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion:131 Resp: 38859
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 64.8 31.3 93.8





#67

Ethyl Benzene

Concen: 19.870 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

Tot Ion: 91 Resp: 191436

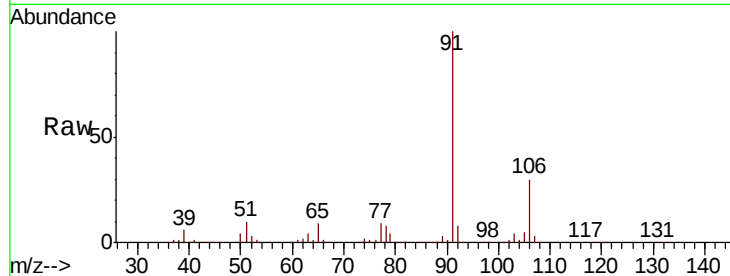
Ion Ratio Lower Upper

91 100

106 29.7 24.6 37.0

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

250000

200000

150000

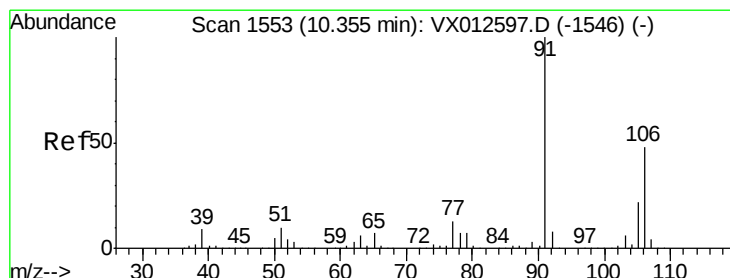
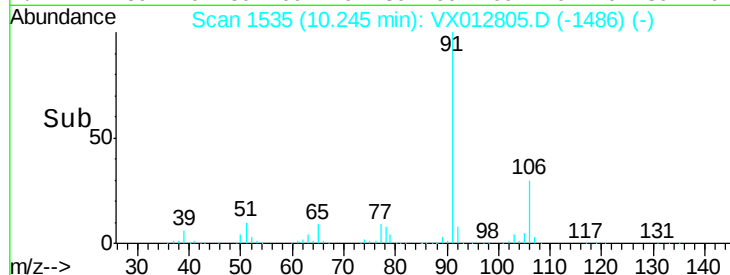
100000

50000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 39.670 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012805.D

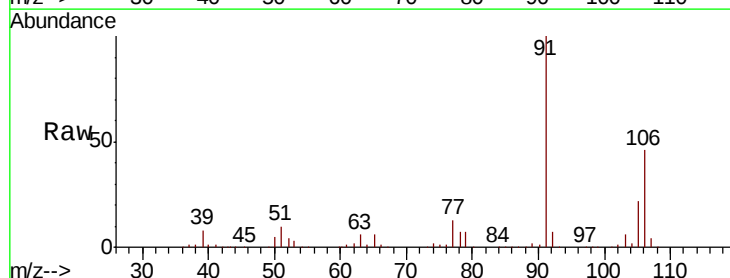
Acq: 04 Oct 2019 12:42

Tgt Ion: 106 Resp: 143168

Ion Ratio Lower Upper

106 100

91 208.1 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

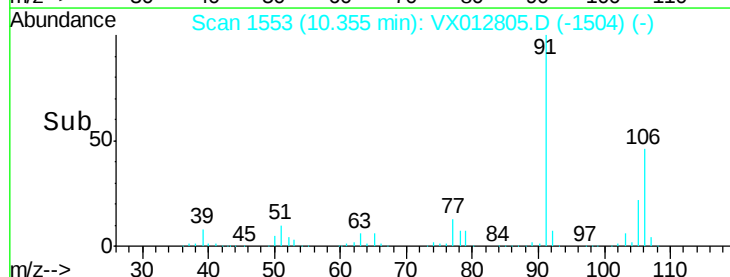
100000

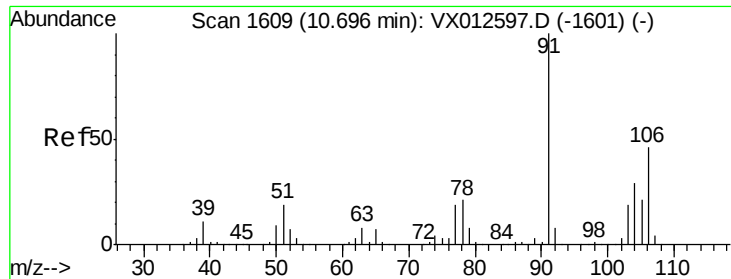
50000

0

10.30 10.40

Time-->





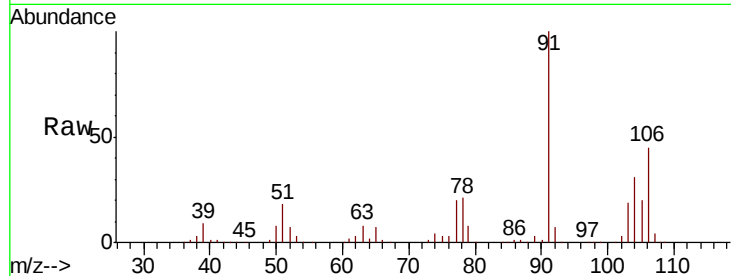
#69
o-Xylene
Concen: 19.500 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

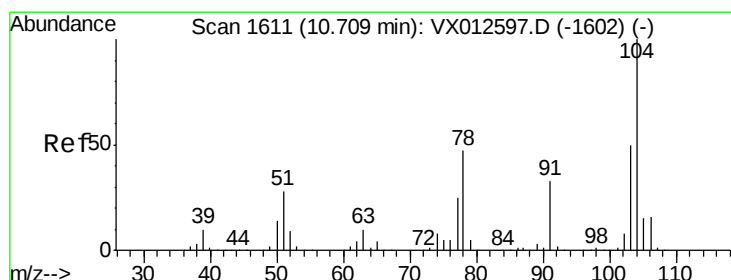
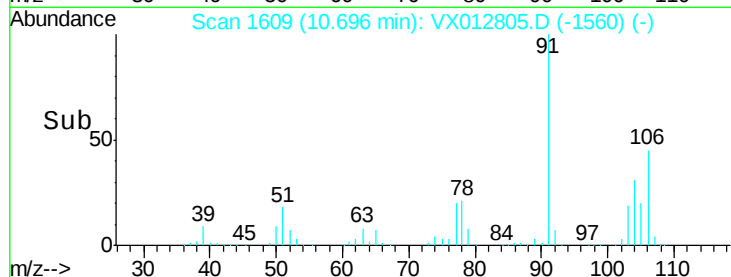
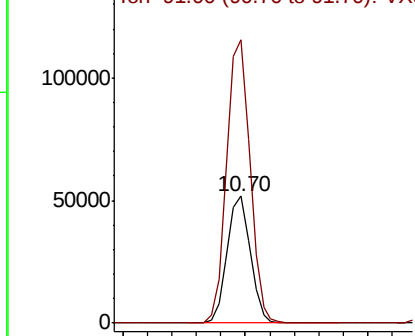
Tot Ion:106 Resp: 68095
Ion Ratio Lower Upper
106 100
91 224.7 109.4 328.2

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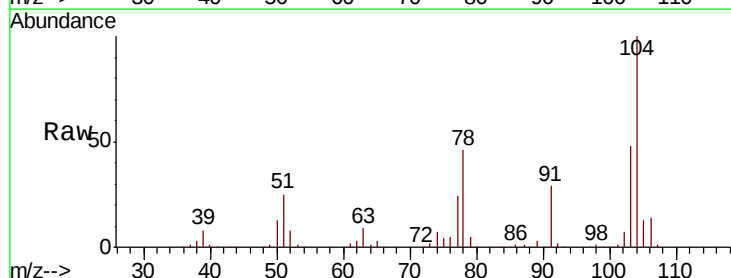


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

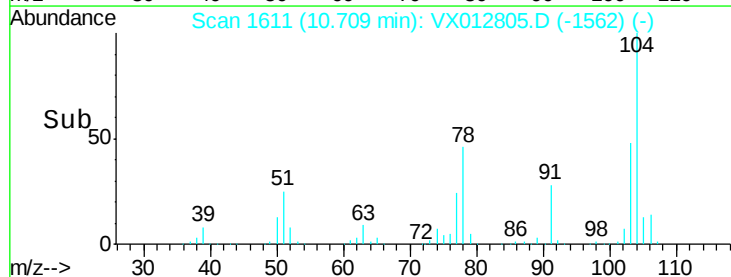
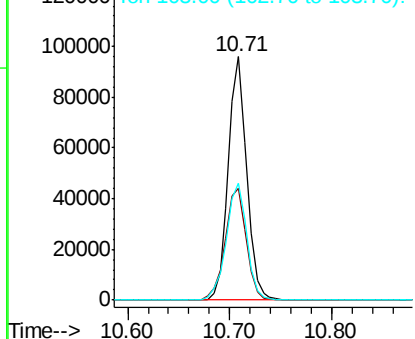


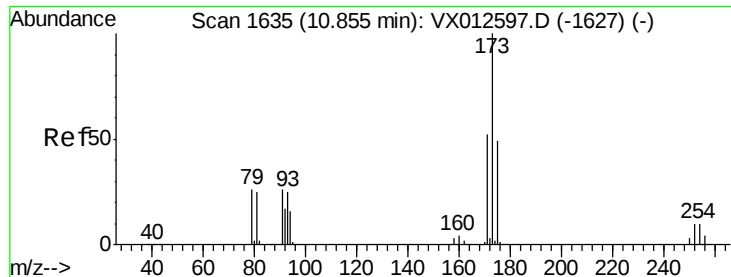
#70
Styrene
Concen: 20.448 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion:104 Resp: 119709
Ion Ratio Lower Upper
104 100
78 52.7 43.4 65.2
103 53.4 43.3 64.9



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: 19.319 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

Tot Ion:173 Resp: 25890

Ion Ratio Lower Upper

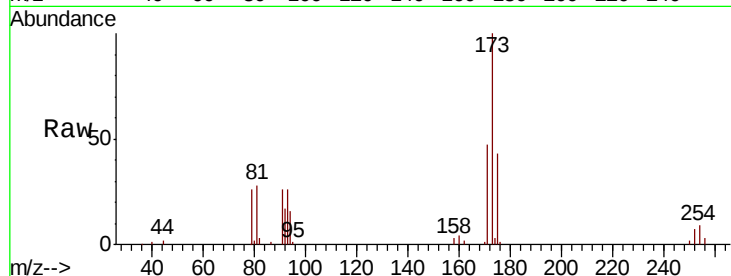
173 100

175 47.3 23.7 71.1

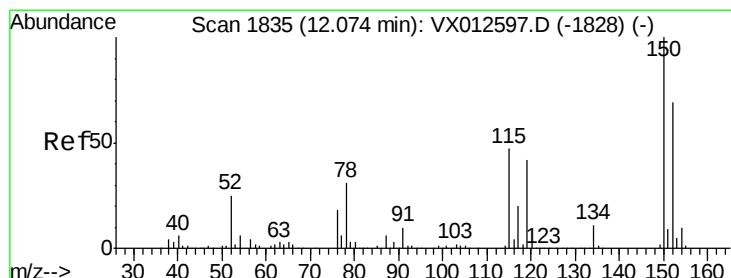
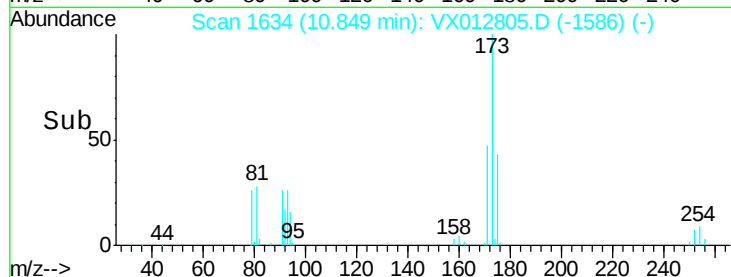
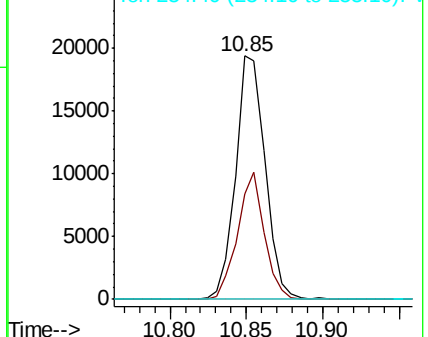
254 0.1 0.1 0.1#

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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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

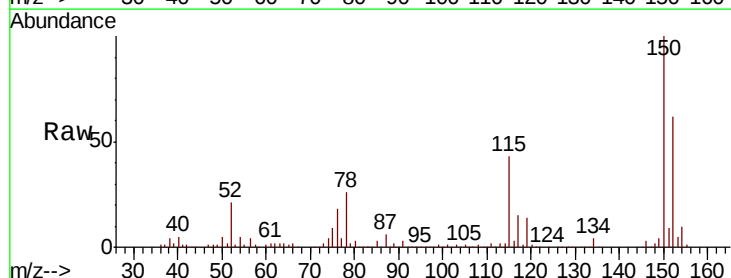
Tgt Ion:152 Resp: 115299

Ion Ratio Lower Upper

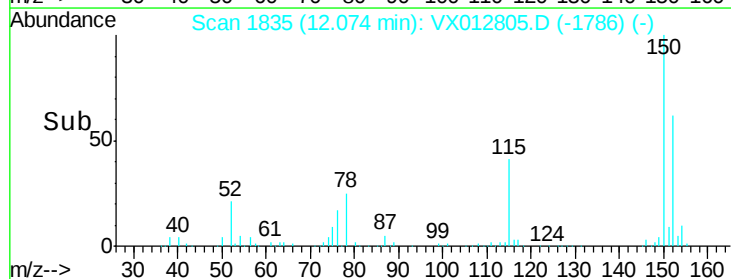
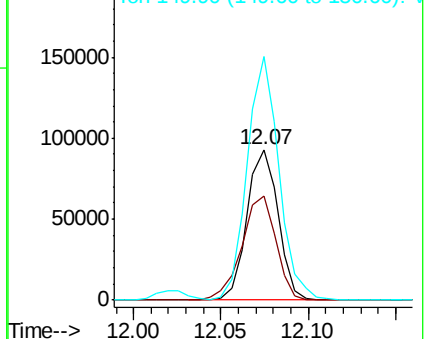
152 100

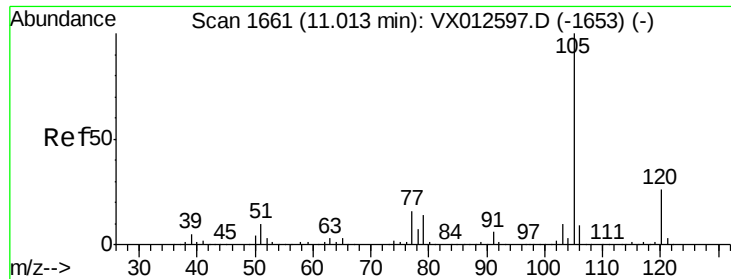
115 76.2 44.1 132.3

150 164.8 0.0 343.8



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





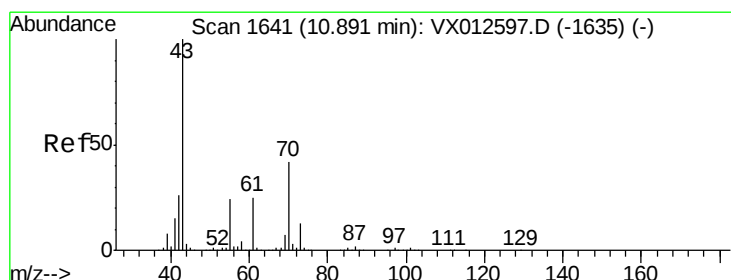
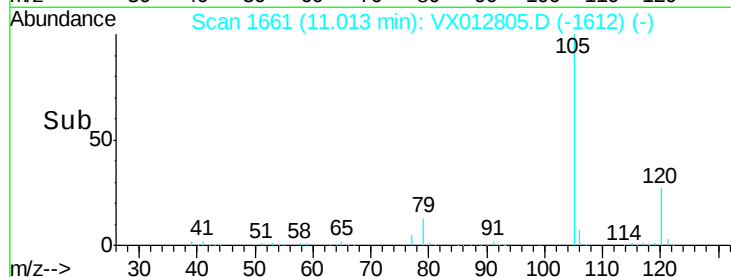
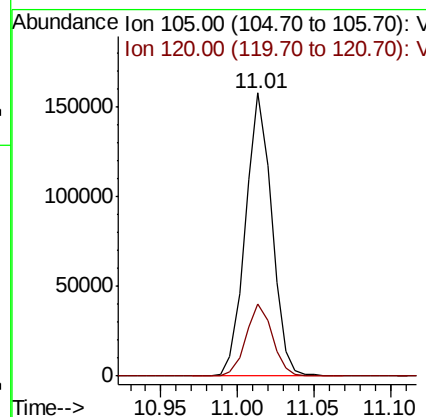
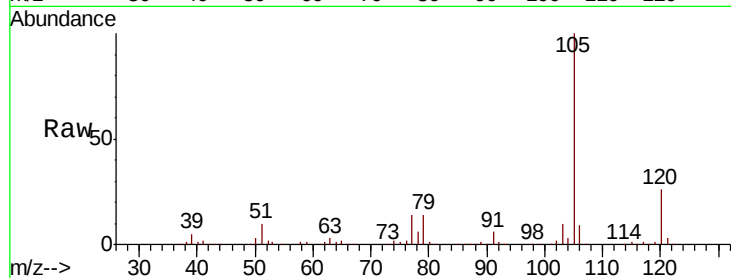
#73
Isopropylbenzene
Concen: 20.029 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion: 105 Resp: 188090
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7

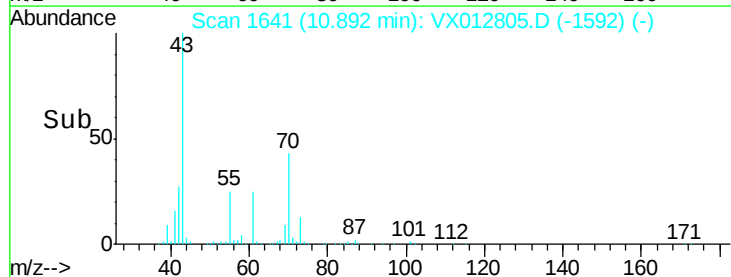
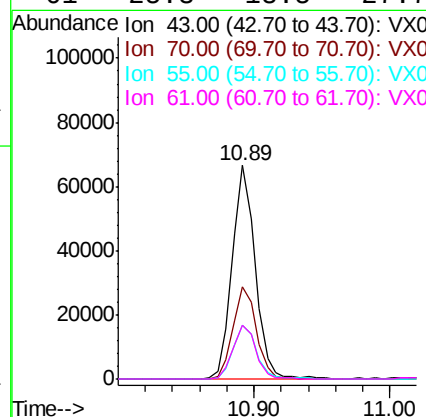
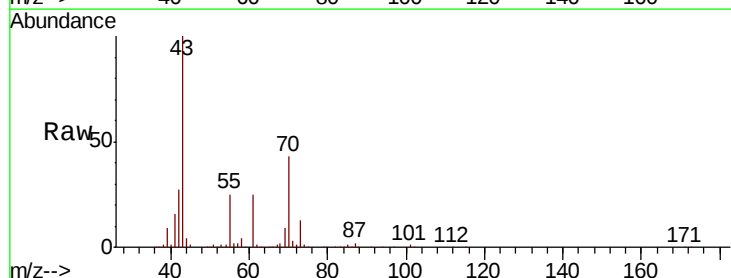
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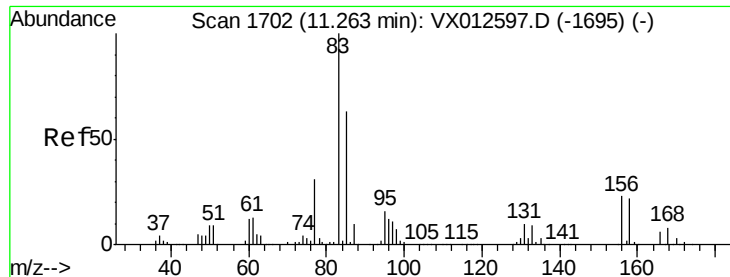
MMDadoda
10/7/2019 9:26:55 AM



#74
N-ethyl acetate
Concen: 17.478 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 43 Resp: 78304
Ion Ratio Lower Upper
43 100
70 44.3 32.4 48.6
55 25.9 18.2 27.4
61 25.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.175 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

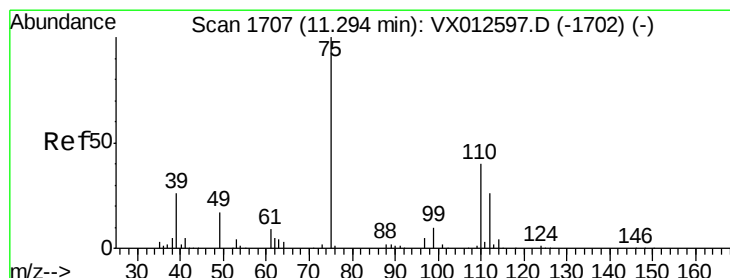
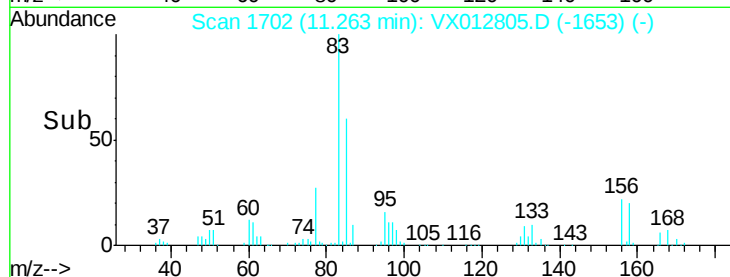
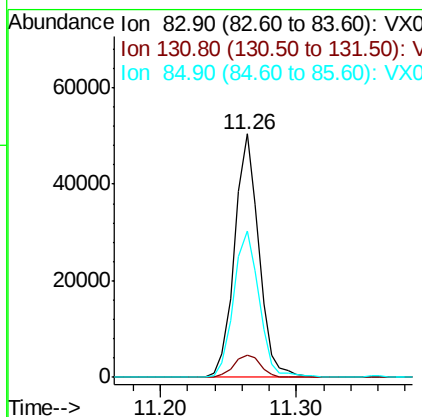
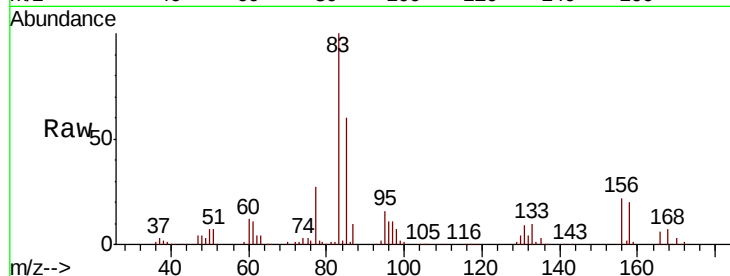
ClientSampled :

VX1004WBS01

Tot Ion:	83	Resp:	62745
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	63.2	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.806 ug/l m

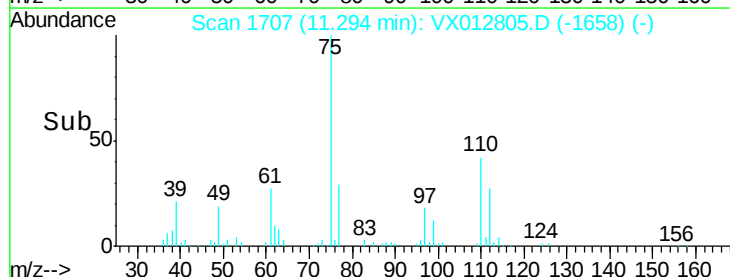
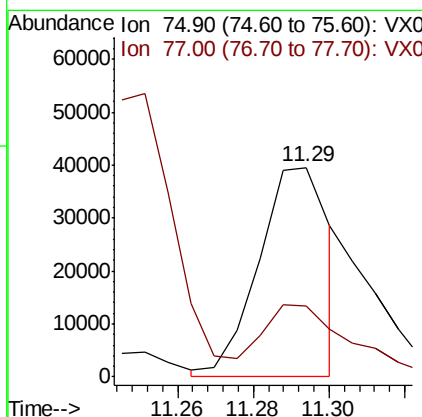
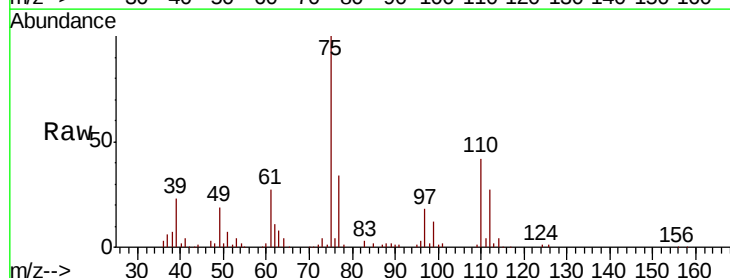
RT: 11.29 min Scan# 1707

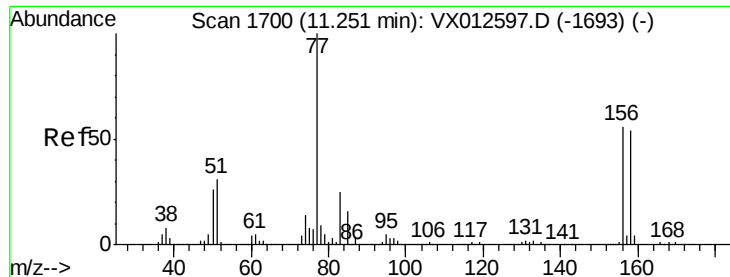
Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion:	75	Resp:	51258
Ion Ratio	Lower	Upper	
75	100		
77	42.7	19.7	59.0





#77

Bromobenzene

Concen: 20.202 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion:156 Resp: 42936

Ion Ratio Lower Upper

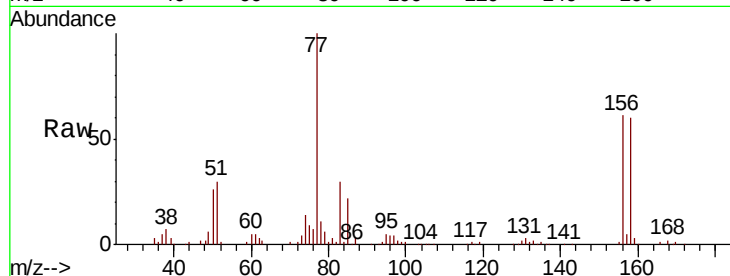
156 100

77 171.3 87.3 261.8

158 97.6 48.5 145.6

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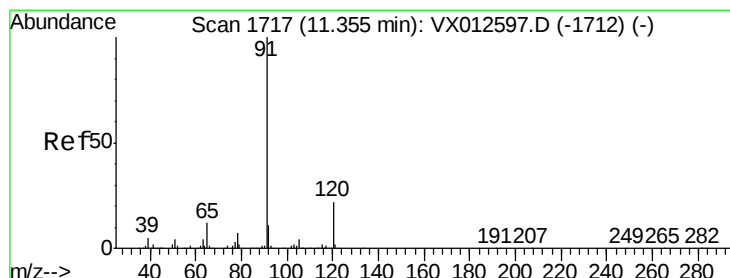
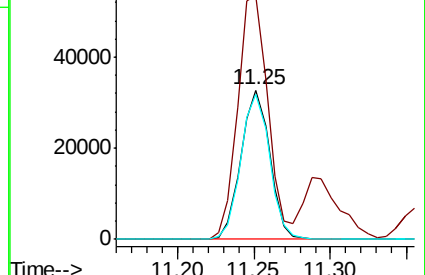
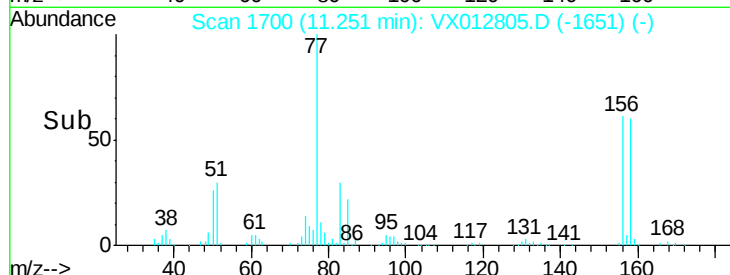
MMDadoda
10/7/2019 9:26:55 AM



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: 19.817 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012805.D

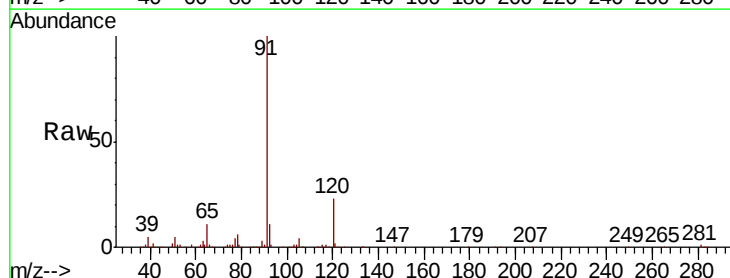
Acq: 04 Oct 2019 12:42

Tgt Ion: 91 Resp: 209509

Ion Ratio Lower Upper

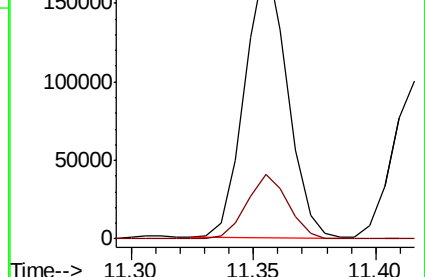
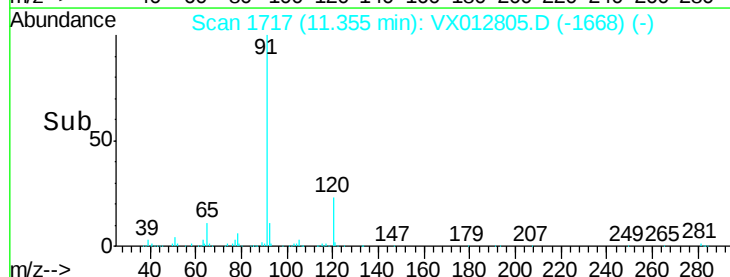
91 100

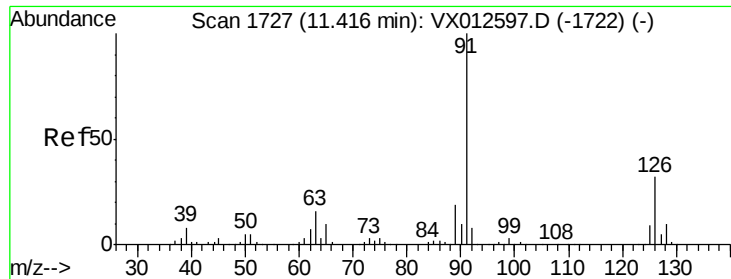
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





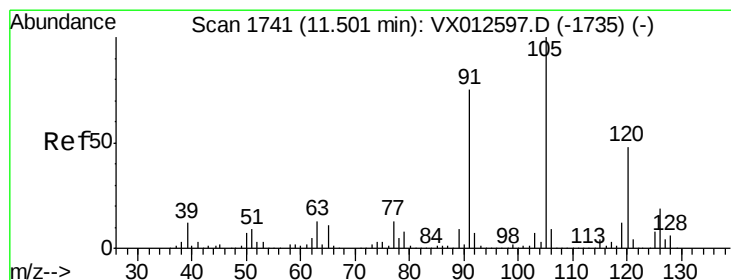
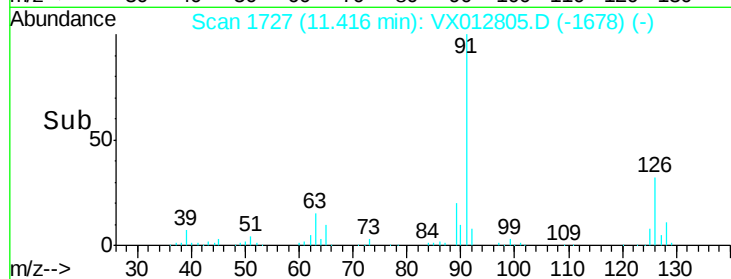
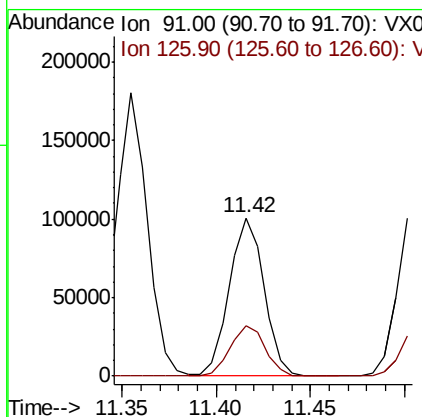
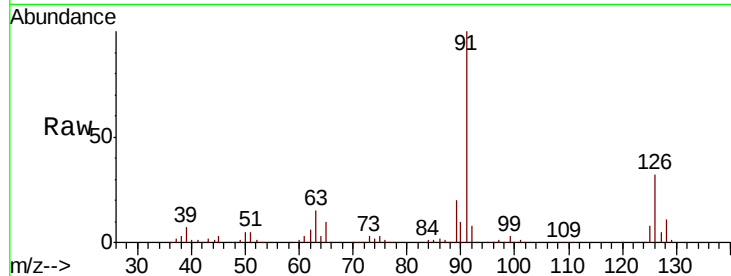
#79
 2-Chlorotoluene
 Concen: 19.382 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Tot Ion: 91 Resp: 127830
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.4

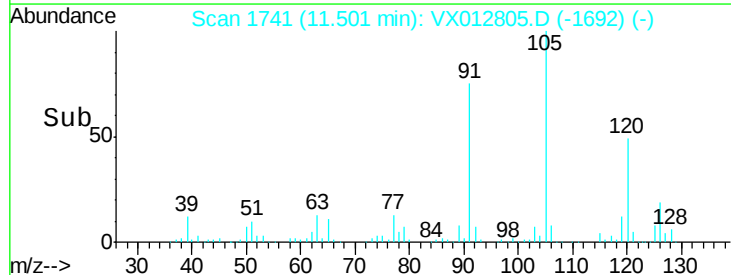
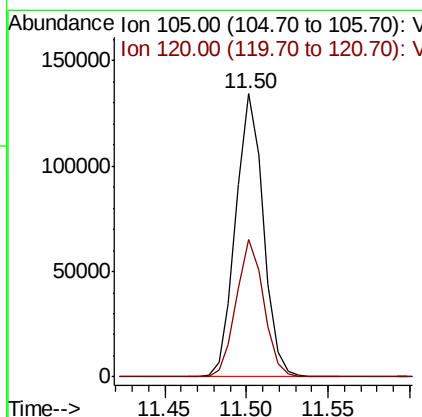
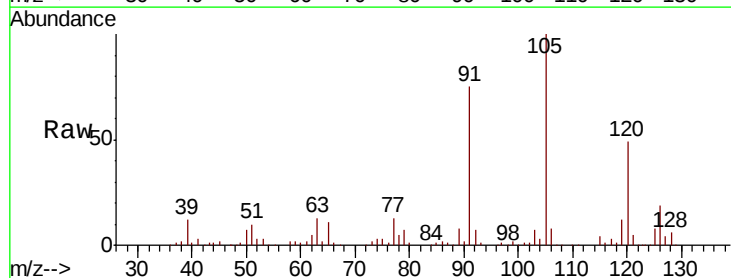
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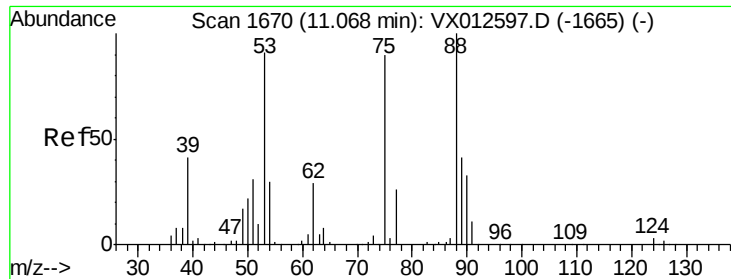
MMDadoda
 10/7/2019 9:26:55 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.097 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 105 Resp: 158263
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





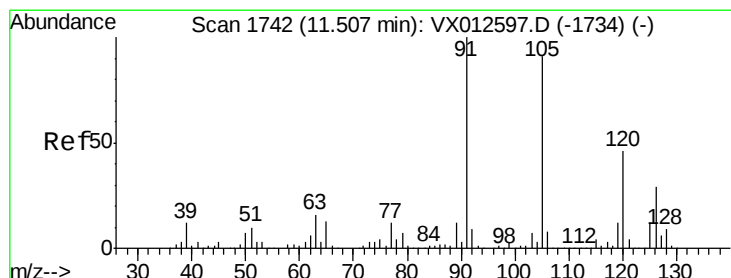
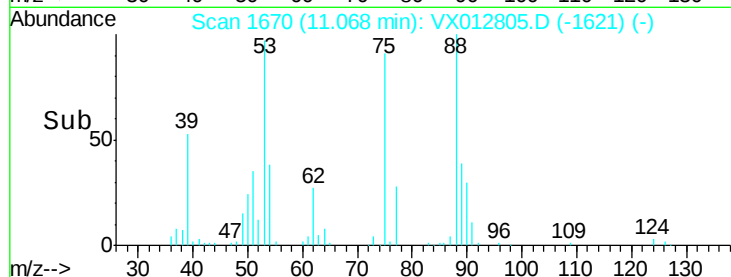
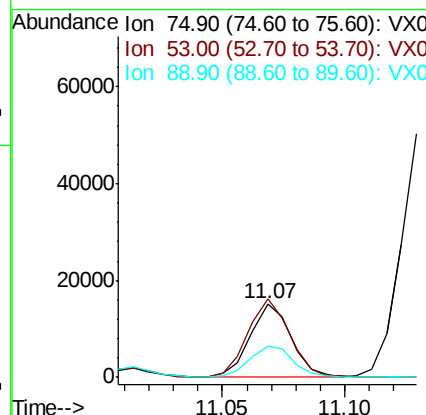
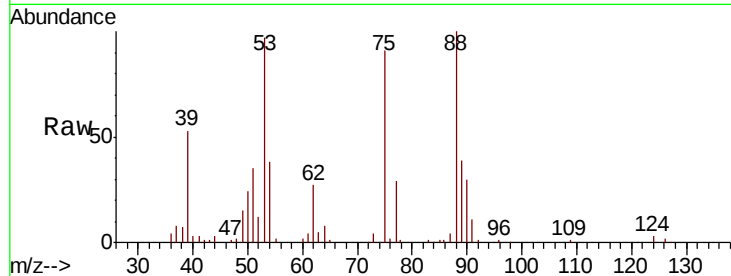
#81
trans-1,4-Dichloro-2-butene
Concen: 16.917 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.4	83.6	125.4
89	45.7	36.3	54.5

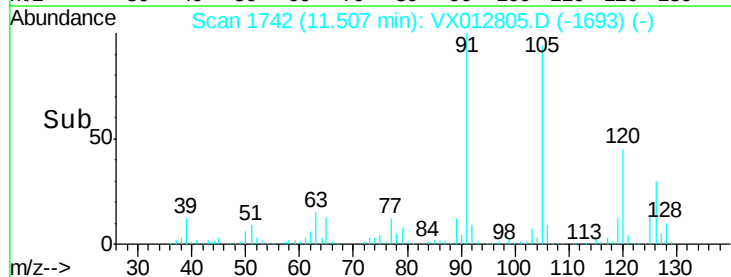
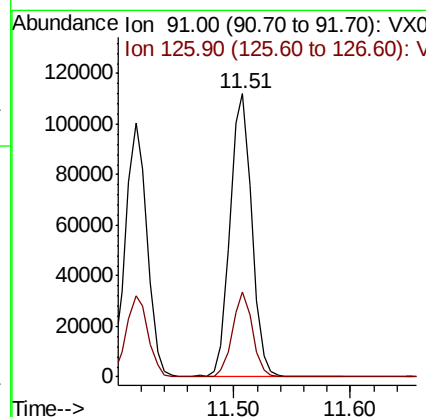
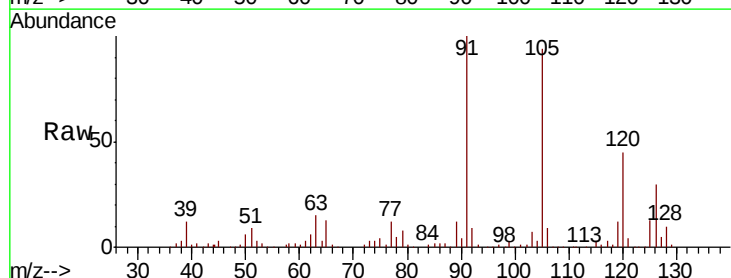
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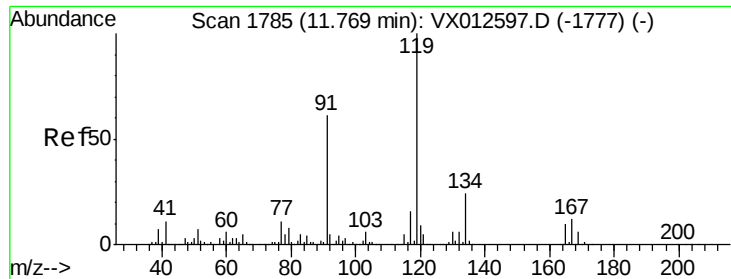
MMDadoda
10/7/2019 9:26:55 AM



#82
4-Chlorotoluene
Concen: 19.238 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	14.4	43.0





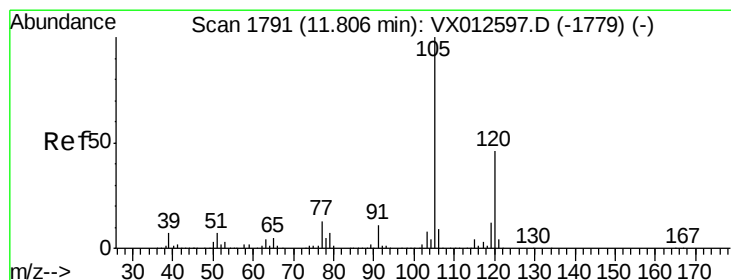
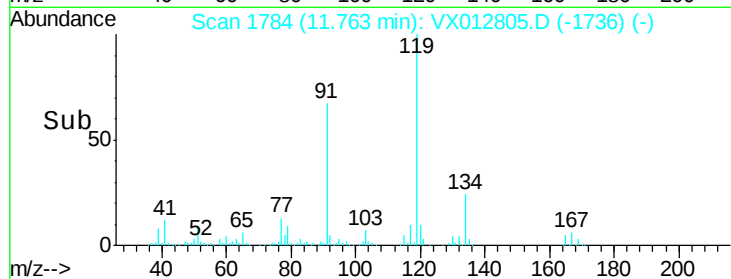
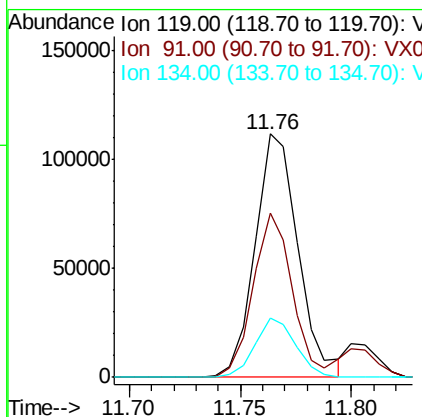
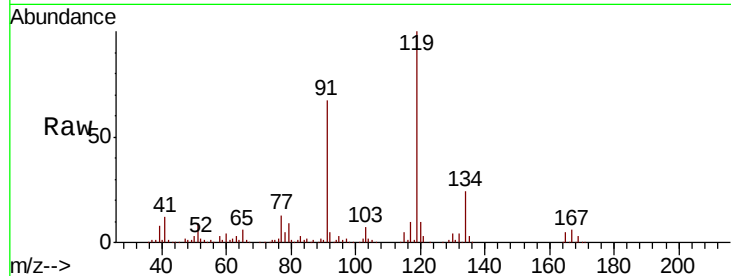
#83
tert-Butylbenzene
Concen: 19.817 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampled :
VX1004WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	150536		
91	61.3	30.0	90.0	
134	23.1	11.3	33.9	

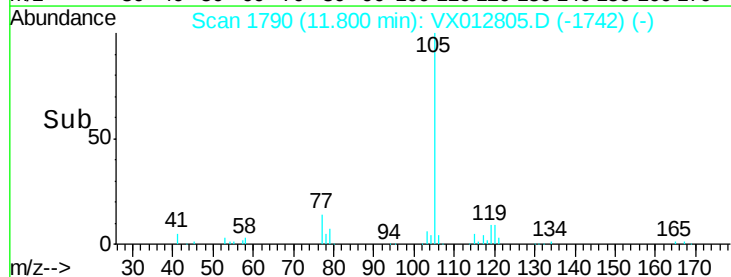
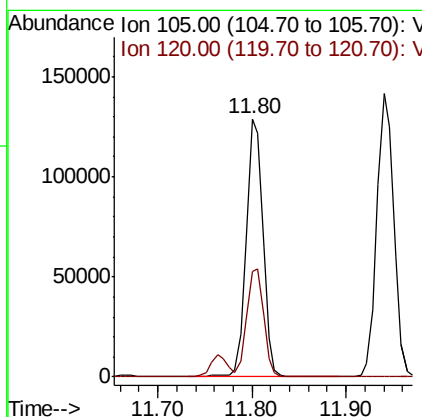
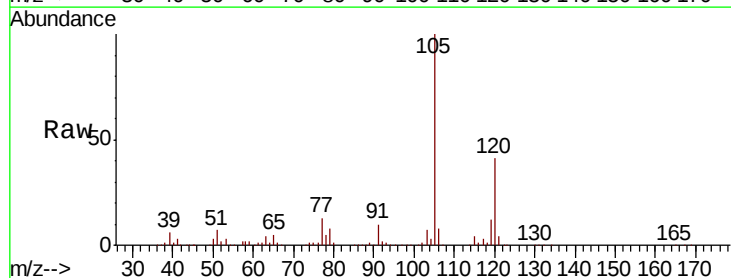
Manual Integrations
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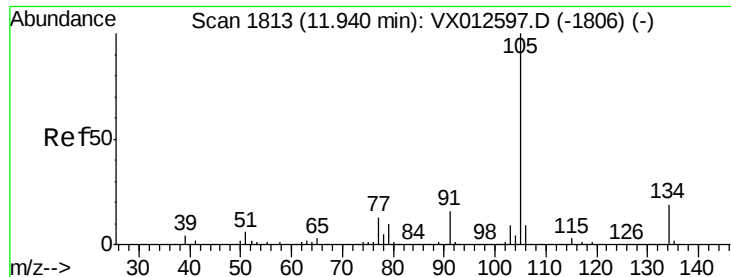
MMDadoda
10/7/2019 9:26:55 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.139 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159983		
120	42.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 20.062 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tot Ion:105 Resp: 177258

Ion Ratio Lower Upper

105 100

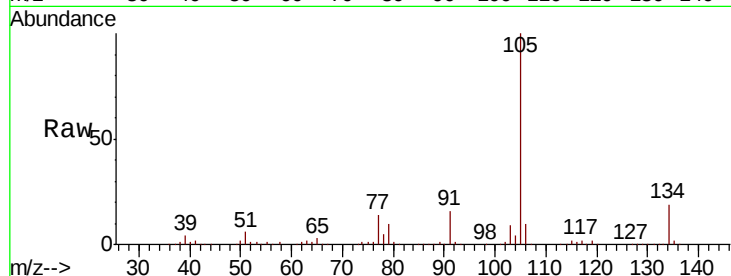
134 18.8 9.8 29.4

Manual Integrations

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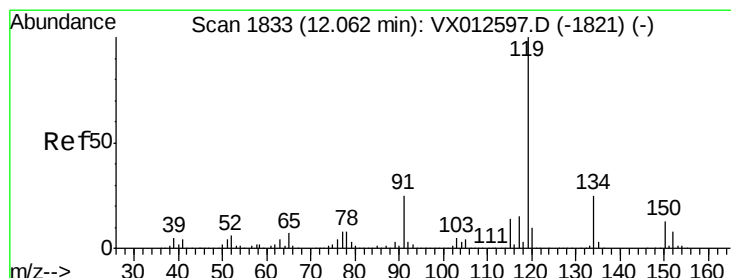
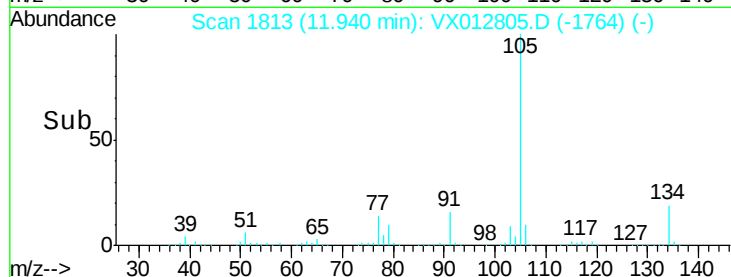
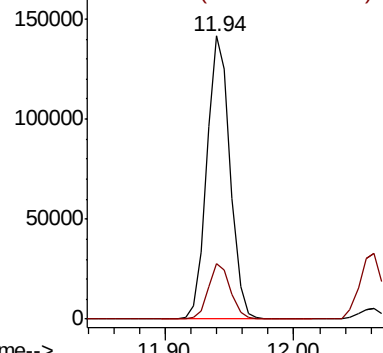
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.453 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

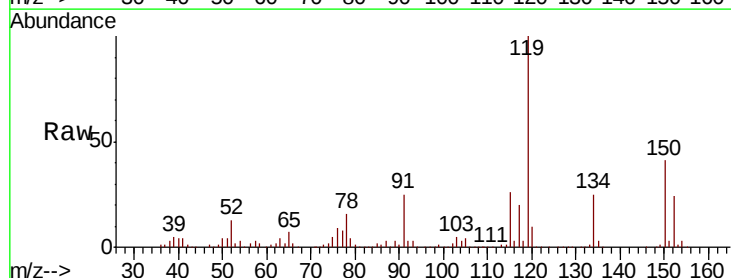
Tgt Ion:119 Resp: 163060

Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

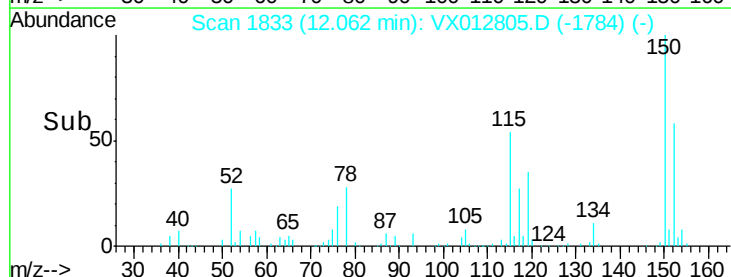
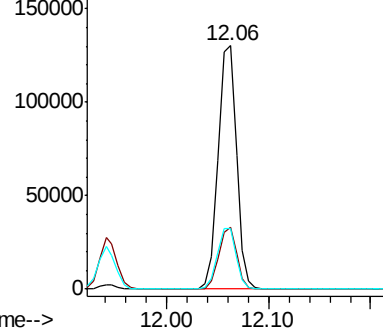
91 25.5 12.8 38.4

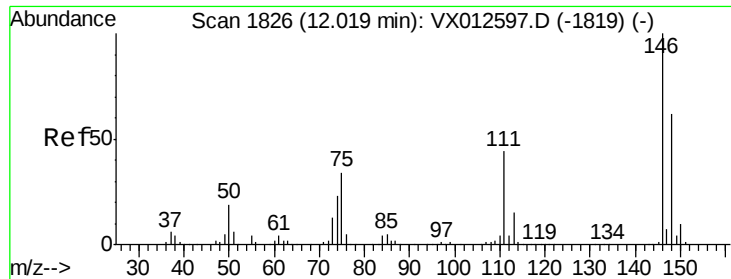


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





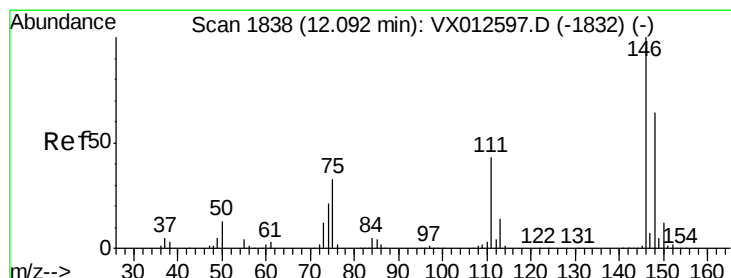
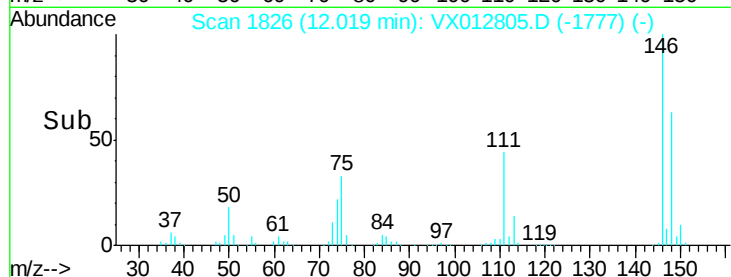
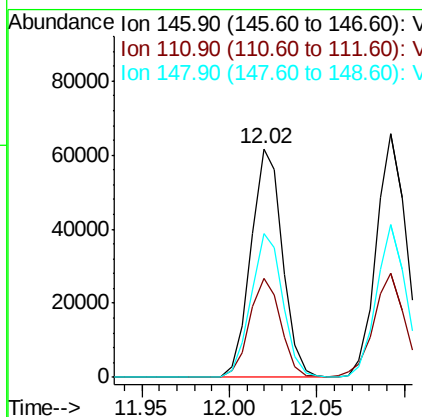
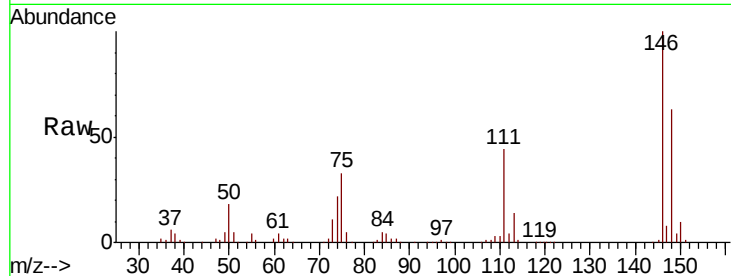
#87
 1,3-Dichlorobenzene
 Concen: 20.333 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	64.0
148	63.4	32.4	97.2

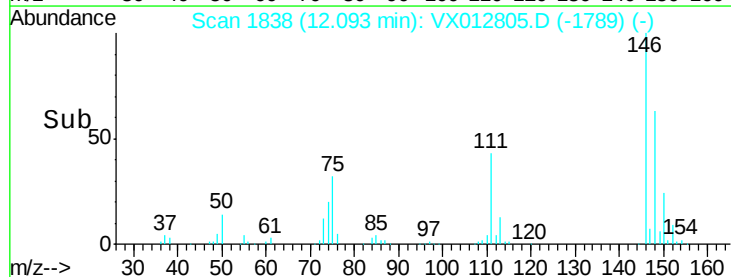
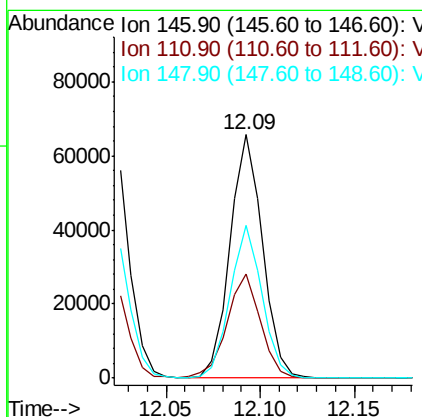
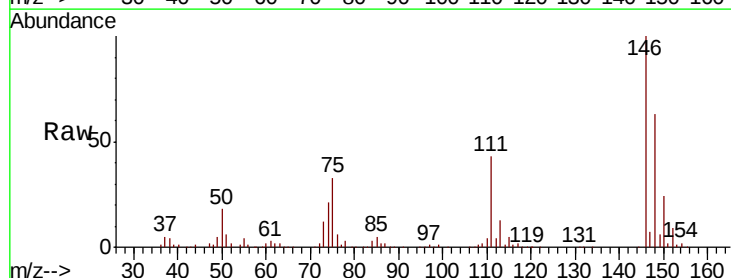
Manual Integrations
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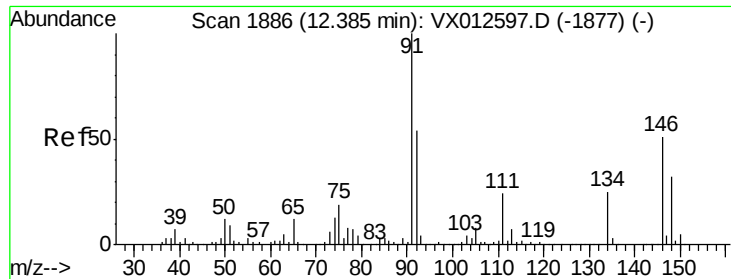
MMDadoda
 10/7/2019 9:26:55 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.318 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.3
148	61.8	32.1	96.5





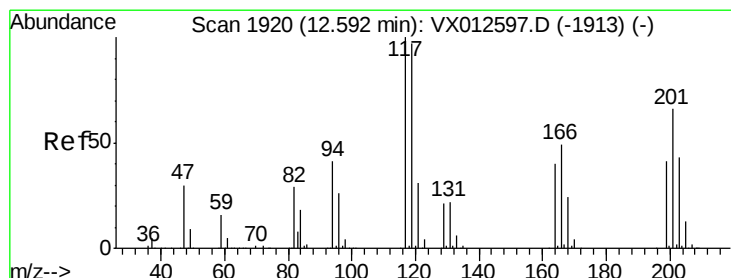
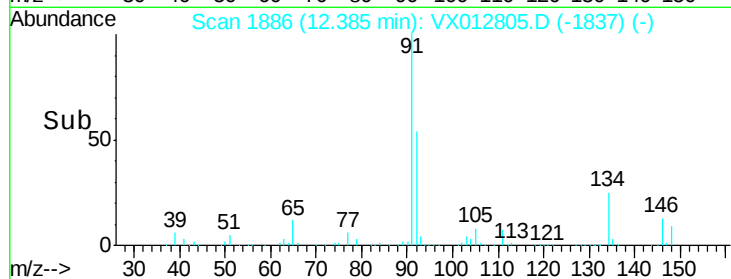
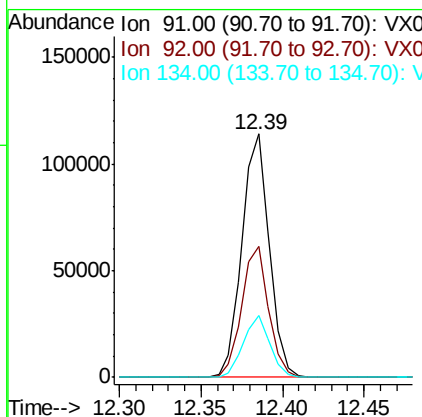
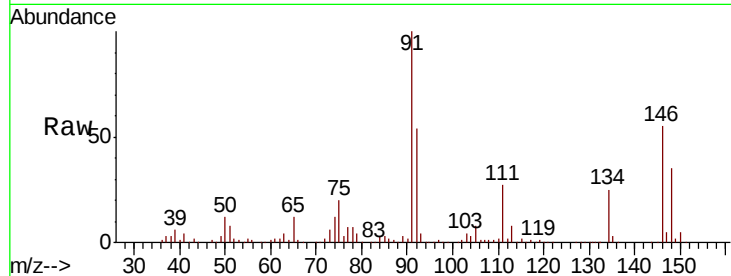
#89
n-Butylbenzene
Concen: 19.054 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	133855		
92	52.8		27.7	83.0
134	24.6		12.9	38.6

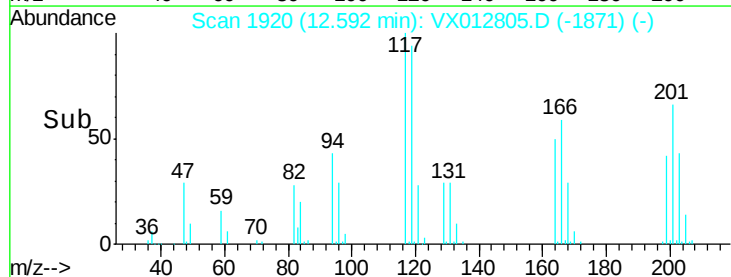
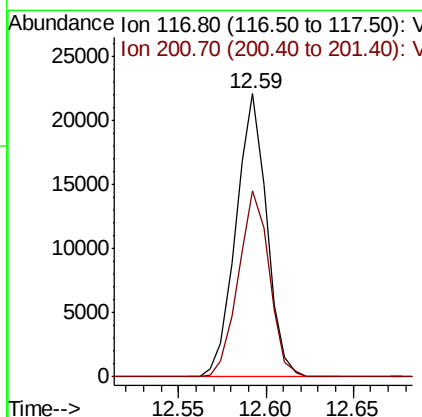
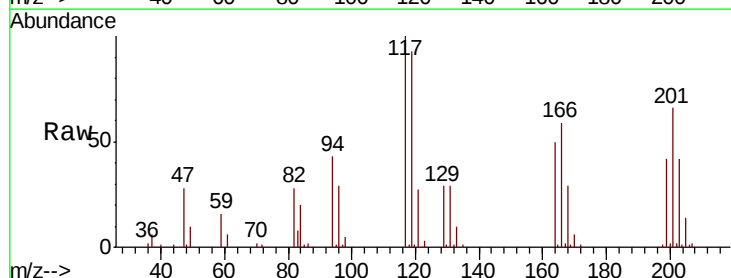
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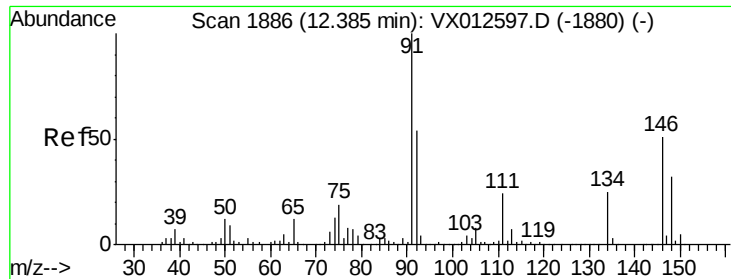
MMDadoda
10/7/2019 9:26:55 AM



#90
Hexachloroethane
Concen: 18.970 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26962		
201	66.5		33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 20.777 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

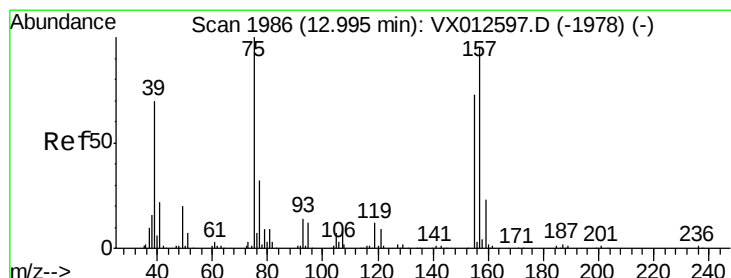
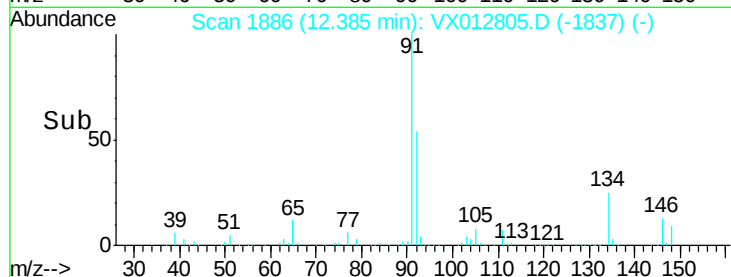
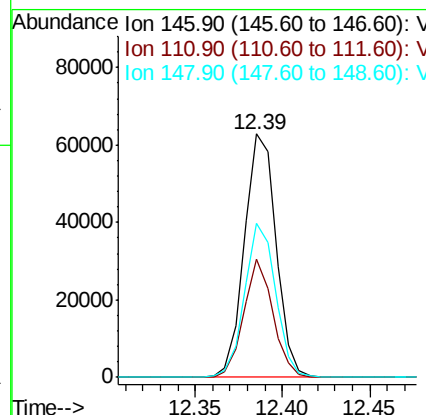
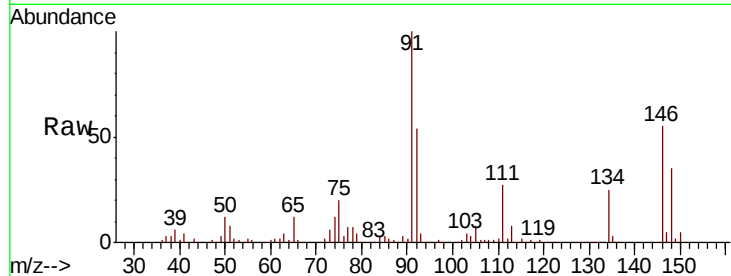
ClientSampleId :

VX1004WBS01

Tot Ion:	146	Resp:	79559
Ion Ratio	Lower	Upper	
146	100		
111	44.7	22.1	66.1
148	61.8	31.3	93.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.787 ug/l

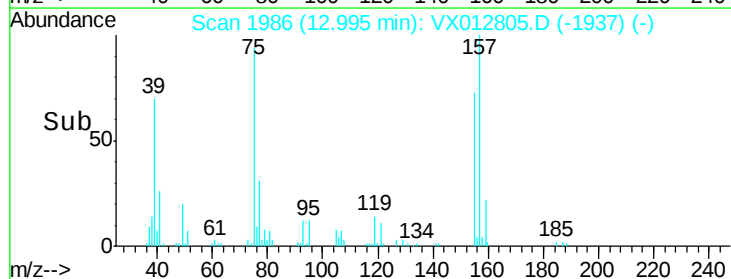
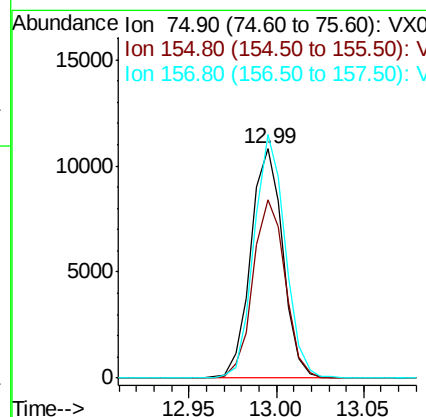
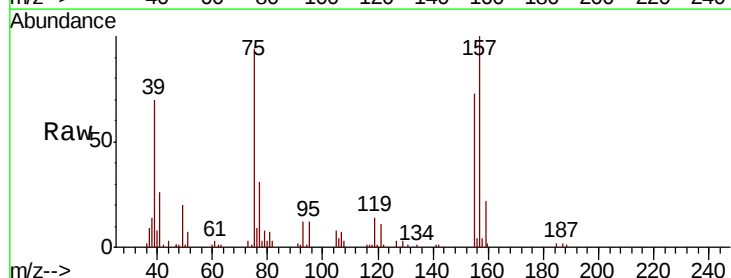
RT: 12.99 min Scan# 1986

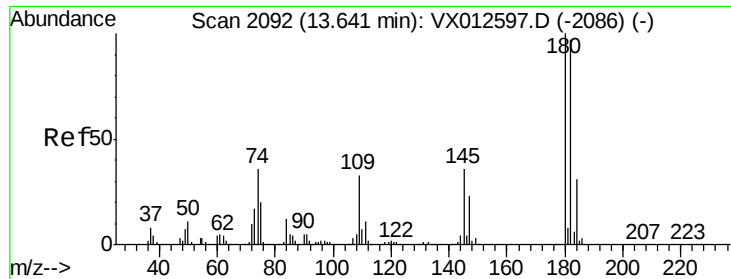
Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion:	75	Resp:	13838
Ion Ratio	Lower	Upper	
75	100		
155	78.3	38.6	115.8
157	103.2	50.6	151.9





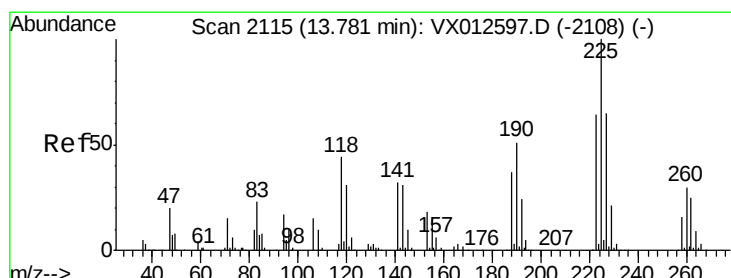
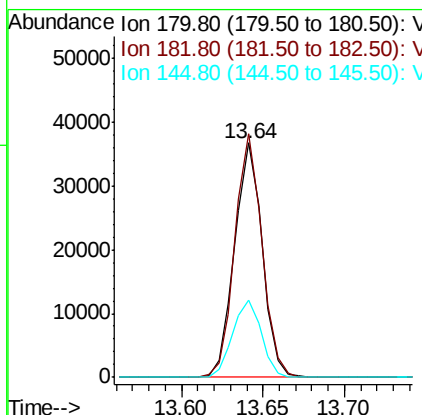
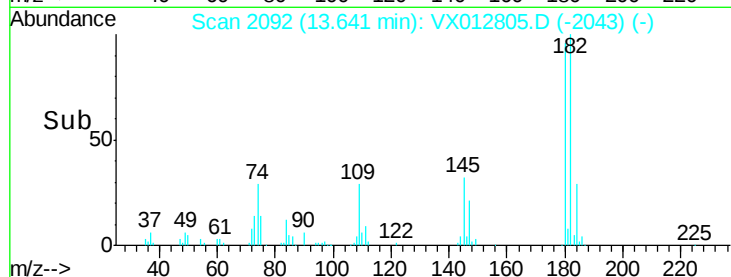
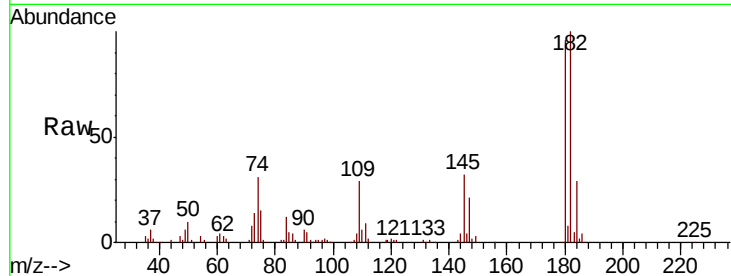
#93
 1,2,4-Trichlorobenzene
 Concen: 18.581 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	43391		
182	101.6	47.0	141.0	
145	34.2	16.8	50.4	

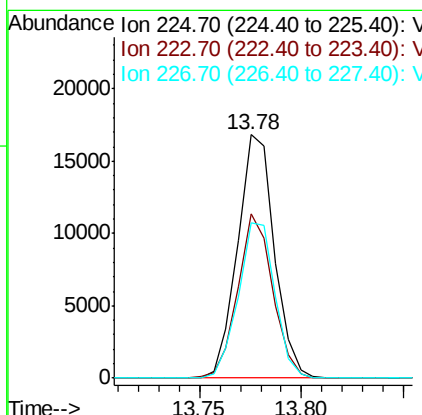
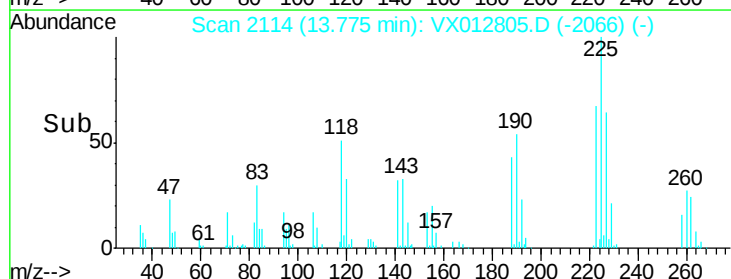
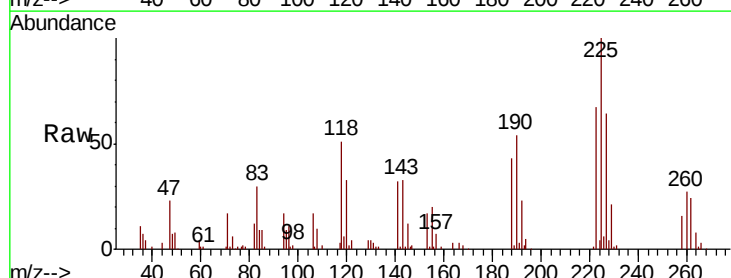
Manual Integrations
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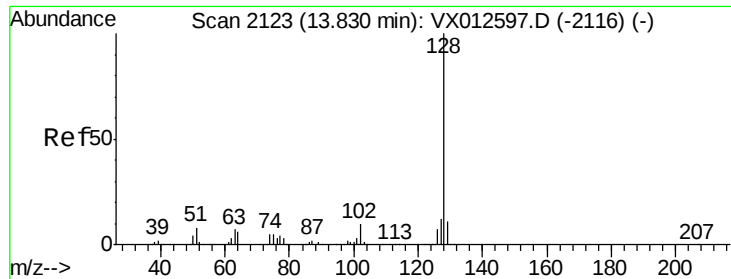
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#94
 Hexachlorobutadiene
 Concen: 20.941 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	21038		
223	63.9	32.0	96.2	
227	63.6	31.9	95.5	





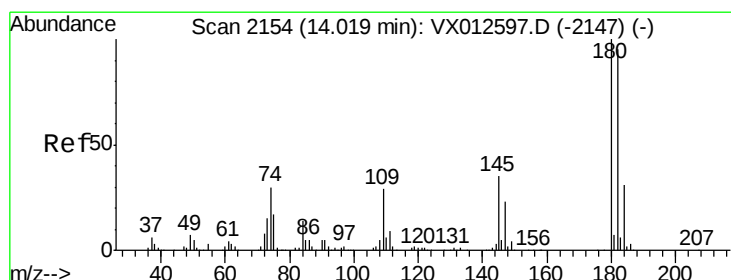
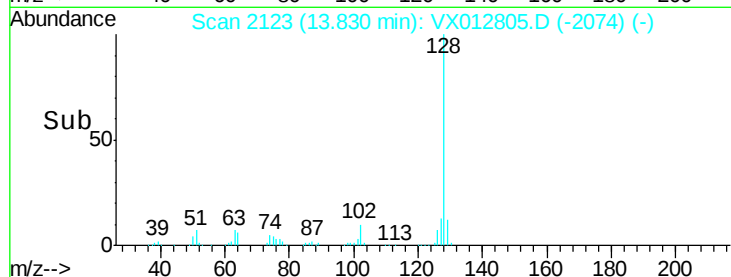
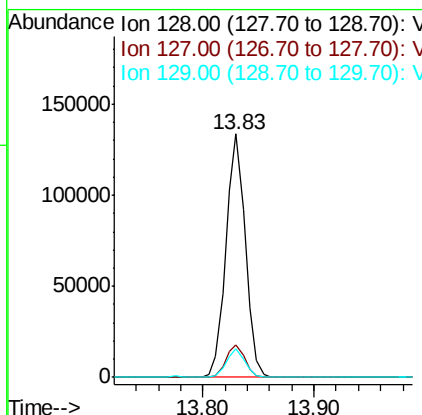
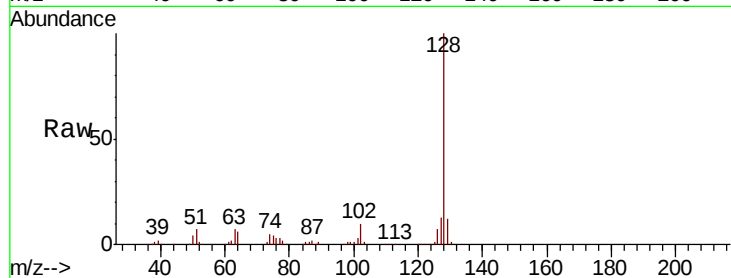
#95
Naphthalene
Concen: 19.024 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.4	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.523 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.1	141.3
145	36.7	18.0	54.0

