

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012373.D
 Acq On : 13 Sep 2019 03:15
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 10:11:44 AM

Quant Time: Sep 13 04:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	117321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	215755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	93009	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	5.48	113	71065	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.71	98	259295	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	11.14	95	112813	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36314	37.859	ug/l	100
3) Chloromethane	1.31	50	40602	46.960	ug/l	98
4) Vinyl Chloride	1.39	62	38775	45.230	ug/l	95
5) Bromomethane	1.62	94	18831	54.625	ug/l	100
6) Chloroethane	1.70	64	27096	47.267	ug/l	98
7) Trichlorofluoromethane	1.91	101	65940	42.500	ug/l	100
8) Diethyl Ether	2.17	74	28231	53.323	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47008	44.954	ug/l	99
10) Methyl Iodide	2.50	142	28113	28.247	ug/l	100
11) Tert butyl alcohol	3.03	59	56729	324.859	ug/l	98
12) 1,1-Dichloroethene	2.36	96	41273	46.491	ug/l	99
13) Acrolein	2.28	56	25964	299.444	ug/l	96
14) Allyl chloride	2.71	41	85806	47.408	ug/l	98
15) Acrylonitrile	3.12	53	96997	296.383	ug/l	98
16) Acetone	2.43	43	87473	222.770	ug/l	98
17) Carbon Disulfide	2.55	76	76688	41.137	ug/l	98
18) Methyl Acetate	2.76	43	51046	61.850	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	193119	55.085	ug/l	98
20) Methylene Chloride	2.84	84	65263	53.456	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	50768	47.932	ug/l	97
22) Diisopropyl ether	3.84	45	218671	52.828	ug/l	92
23) Vinyl Acetate	3.80	43	659438	259.658	ug/l	100
24) 1,1-Dichloroethane	3.68	63	112013	50.520	ug/l	98
25) 2-Butanone	4.65	43	134642	268.233	ug/l	97
26) 2,2-Dichloropropane	4.57	77	79112	38.005	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	69939	51.146	ug/l	96
28) Bromochloromethane	4.99	49	58661	56.412	ug/l	100
29) Tetrahydrofuran	5.11	42	83467	308.191	ug/l	99
30) Chloroform	5.19	83	125335	50.130	ug/l	98
31) Cyclohexane	5.57	56	64449	41.845	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	99857	46.513	ug/l	99
36) 1,1-Dichloropropene	5.79	75	70455	44.784	ug/l	98
37) Ethyl Acetate	4.82	43	55701	57.276	ug/l	98
38) Carbon Tetrachloride	5.77	117	78027	42.273	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	70637	40.914	ug/l	99
40) Benzene	6.13	78	229797	48.262	ug/l	97
41) Methacrylonitrile	5.03	41	33273	55.498	ug/l	98
42) 1,2-Dichloroethane	6.18	62	95638	50.820	ug/l	100
43) Isopropyl Acetate	6.43	43	112354	54.798	ug/l	98
44) Trichloroethene	7.21	130	62291	48.341	ug/l	87
45) 1,2-Dichloropropane	7.51	63	65940	50.032	ug/l	98
46) Dibromomethane	7.65	93	39112	54.298	ug/l	99
47) Bromodichloromethane	7.89	83	96826	49.257	ug/l	99
48) Methyl methacrylate	7.76	41	53743	54.761	ug/l	98
49) 1,4-Dioxane	7.73	88	15878	1198.977	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	308075	284.696	ug/l	99
52) Toluene	8.78	92	152741	48.566	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92198	46.992	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	102772	47.238	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	59816	53.601	ug/l	98
56) Ethyl methacrylate	9.17	69	81486	53.930	ug/l	100
57) 1,3-Dichloropropane	9.37	76	101460	53.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	208545	269.293	ug/l	98
59) 2-Hexanone	9.48	43	214989	285.736	ug/l	100
60) Dibromochloromethane	9.58	129	68379	52.487	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56165	54.068	ug/l	99
64) Tetrachloroethene	9.33	164	61328	56.819	ug/l	96
65) Chlorobenzene	10.14	112	178624	47.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	71404	50.794	ug/l	98
67) Ethyl Benzene	10.25	91	309074	46.600	ug/l	97
68) m/p-Xylenes	10.35	106	229970	94.192	ug/l	99
69) o-Xylene	10.70	106	114960	48.066	ug/l	98
70) Styrene	10.71	104	207529	48.926	ug/l	99
71) Bromoform	10.85	173	37902	51.995	ug/l #	99
73) Isopropylbenzene	11.01	105	304273	45.049	ug/l	100
74) N-amyl acetate	10.89	43	97606	48.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	76994	53.078	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66766m	50.657	ug/l	
77) Bromobenzene	11.25	156	78457	50.453	ug/l	97
78) n-propylbenzene	11.35	91	361633	44.337	ug/l	99
79) 2-Chlorotoluene	11.42	91	230873	45.687	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	275466	45.351	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19161	43.559	ug/l	95
82) 4-Chlorotoluene	11.51	91	278929	45.929	ug/l	99
83) tert-Butylbenzene	11.77	119	264649	44.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	288735	45.984	ug/l	99
85) sec-Butylbenzene	11.94	105	313573	44.559	ug/l	99
86) p-Isopropyltoluene	12.06	119	285716	43.941	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	153293	48.391	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	152815	47.707	ug/l	99
89) n-Butylbenzene	12.39	91	274027	42.997	ug/l	99
90) Hexachloroethane	12.59	117	53963	45.056	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	142340	48.575	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15149	51.164	ug/l	93

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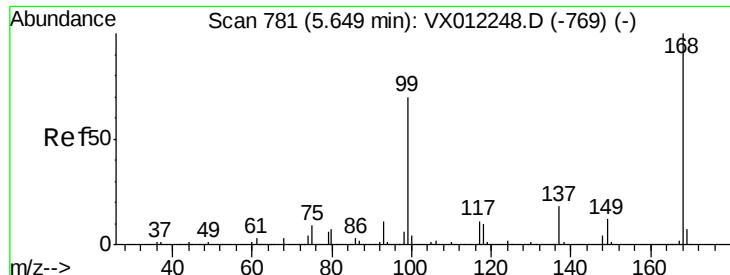
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	99214	49.027	ug/l	99
94) Hexachlorobutadiene	13.78	225	49152	48.824	ug/l	99
95) Naphthalene	13.83	128	236358	54.426	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	93111	52.003	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 117321

Ion Ratio Lower Upper

168 100

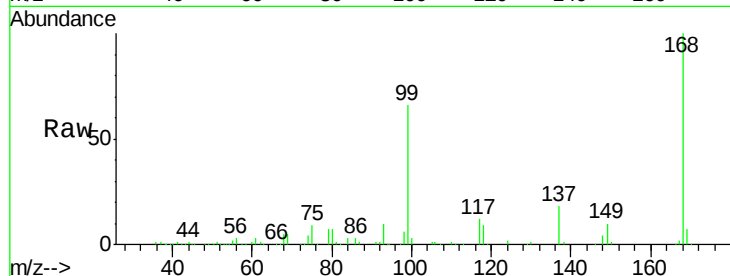
99 65.6 55.8 83.6

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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

40000

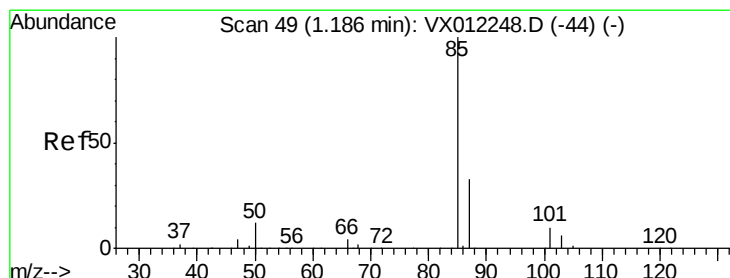
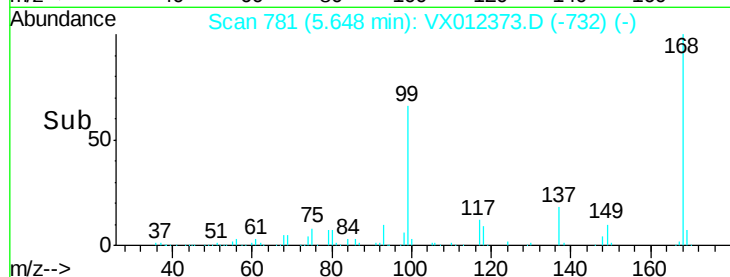
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 37.859 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012373.D

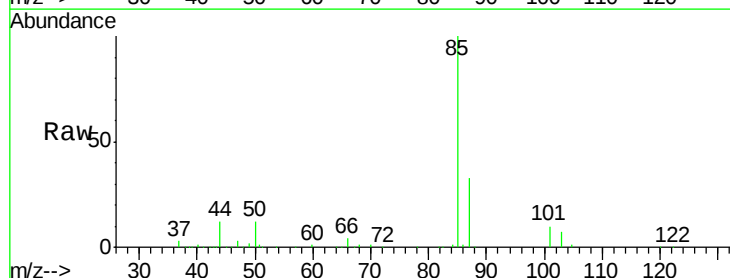
Acq: 13 Sep 2019 03:15

Tgt Ion: 85 Resp: 36314

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

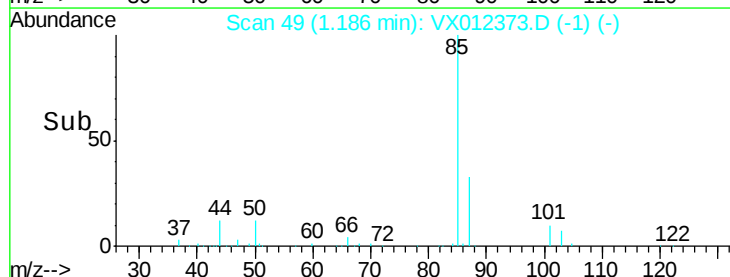
30000

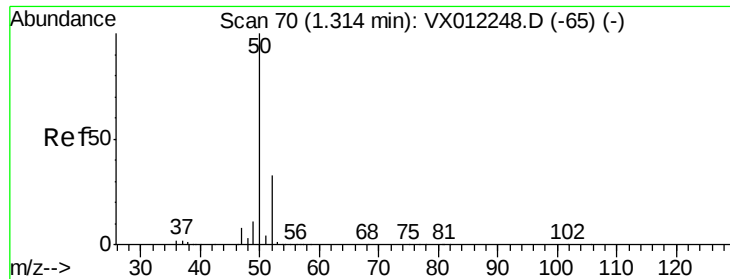
20000

10000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.960 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 40602

Ion Ratio Lower Upper

50 100

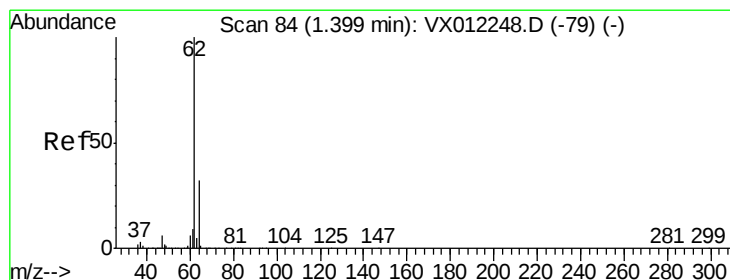
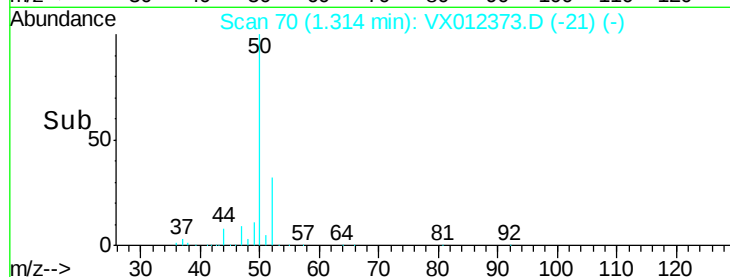
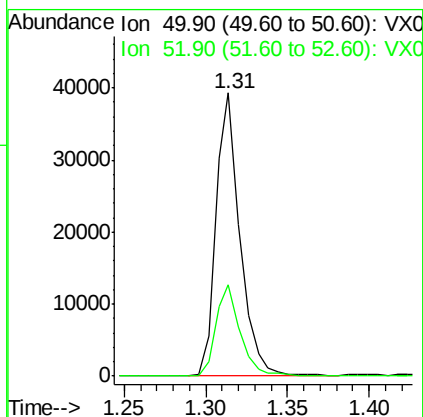
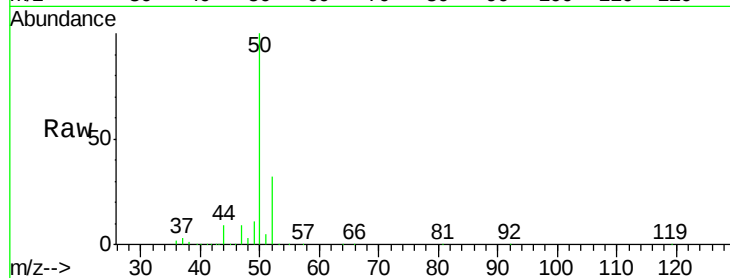
52 32.1 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.230 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012373.D

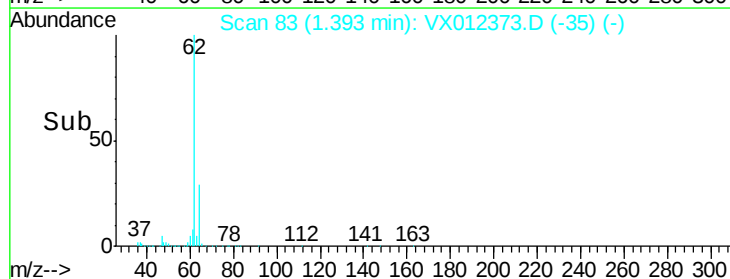
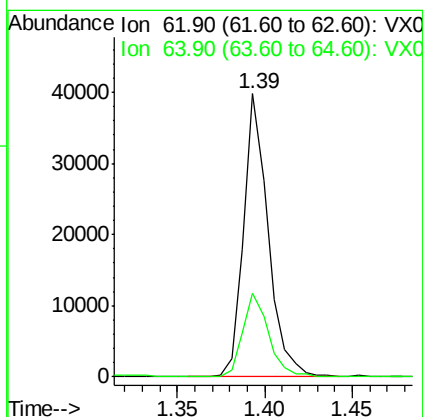
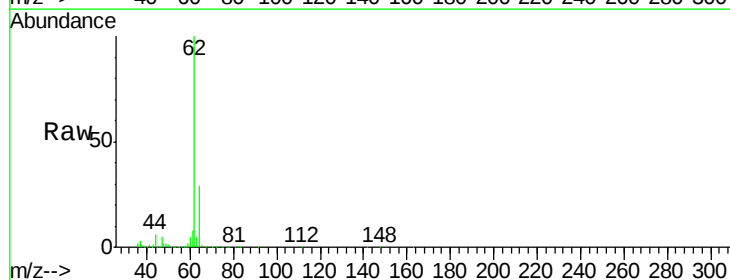
Acq: 13 Sep 2019 03:15

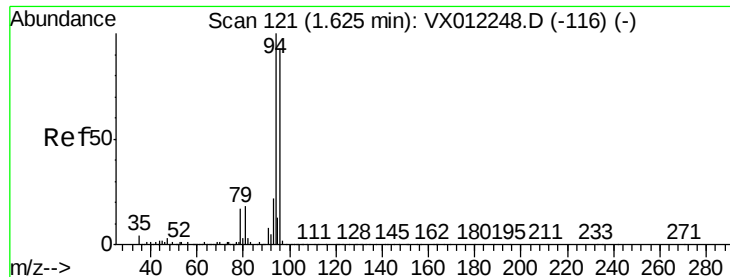
Tgt Ion: 62 Resp: 38775

Ion Ratio Lower Upper

62 100

64 29.3 25.5 38.3





#5

Bromomethane

Concen: 54.625 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 18831

Ion Ratio Lower Upper

94 100

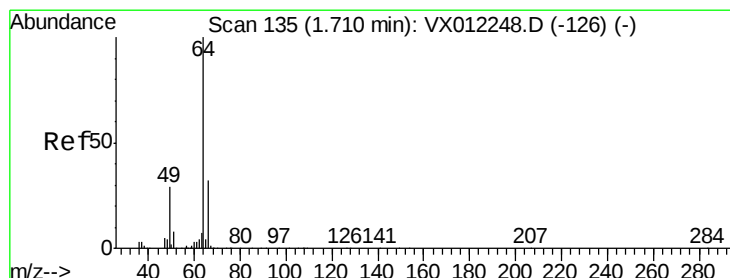
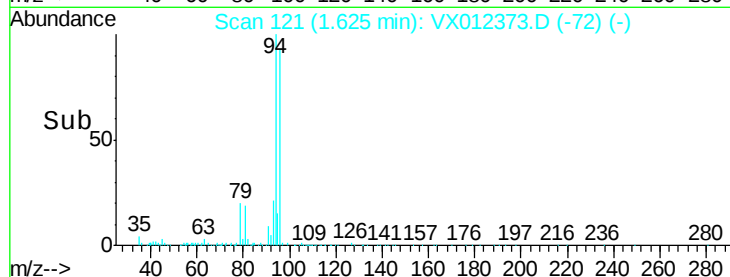
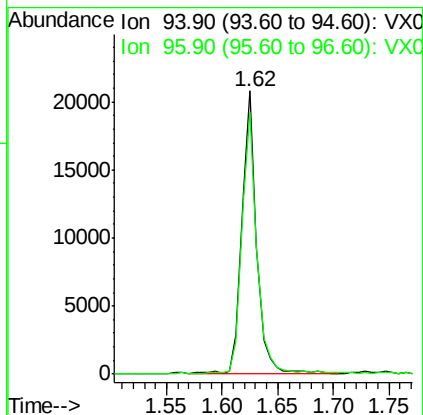
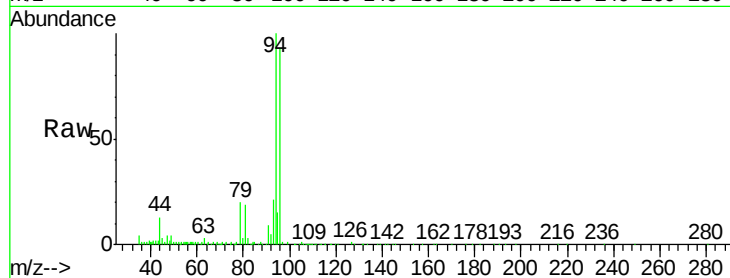
96 92.5 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 47.267 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012373.D

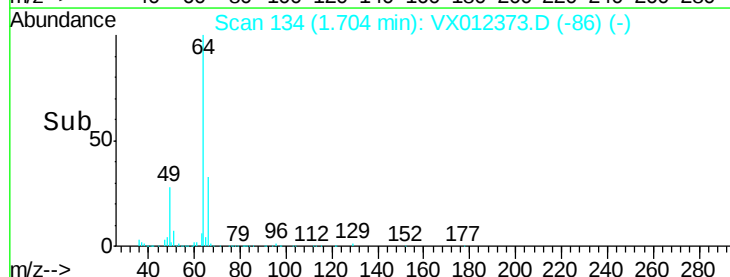
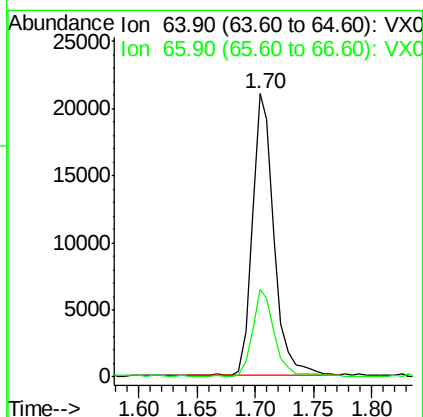
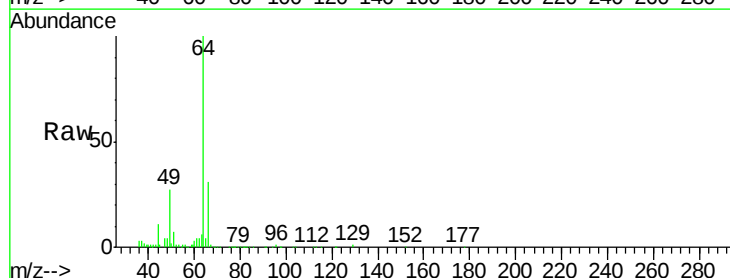
Acq: 13 Sep 2019 03:15

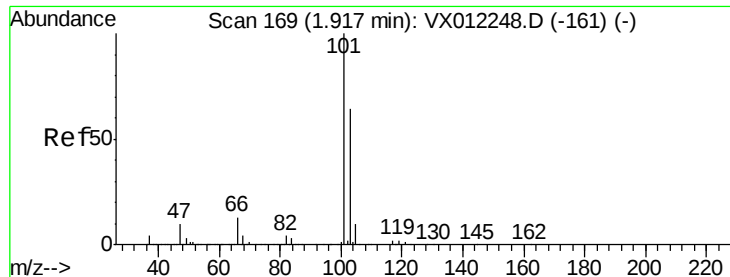
Tgt Ion: 64 Resp: 27096

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6





#7

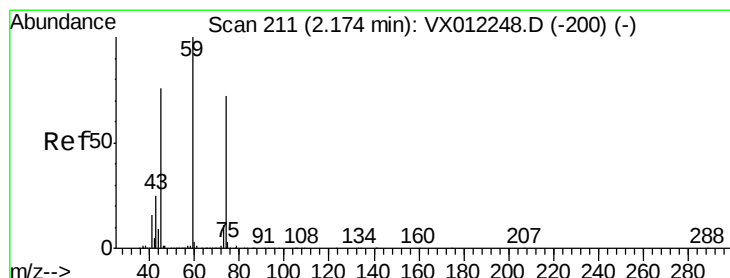
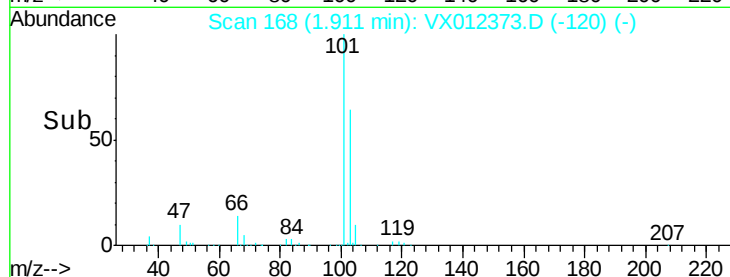
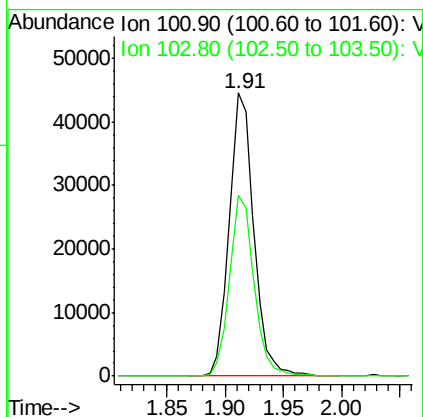
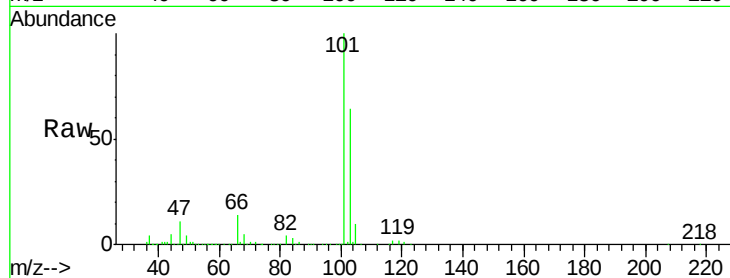
Trichlorofluoromethane
Concen: 42.500 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 65940
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

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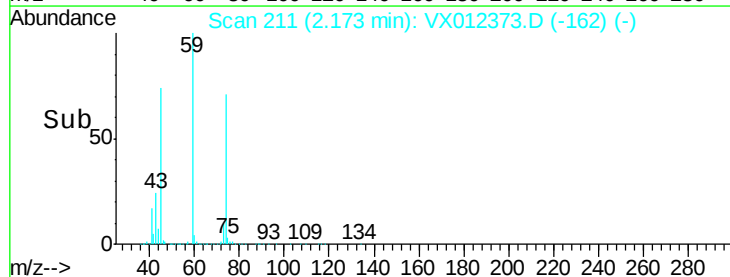
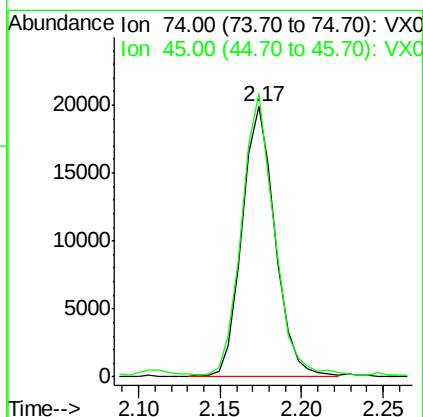
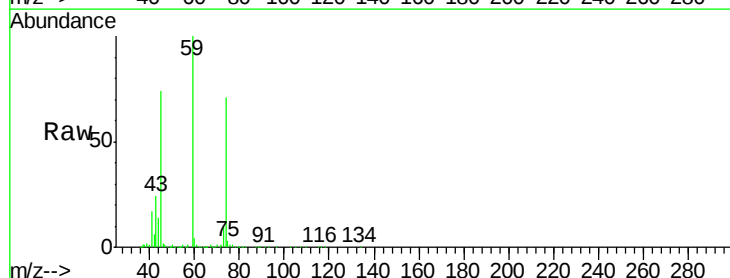
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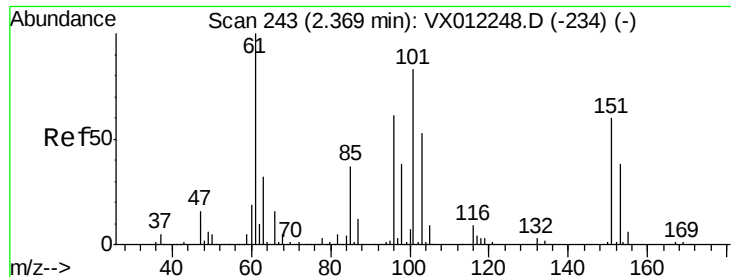


#8

Diethyl Ether
Concen: 53.323 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 74 Resp: 28231
Ion Ratio Lower Upper
74 100
45 101.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.954 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 47008

Ion Ratio Lower Upper

101 100

85 45.2 37.0 55.6

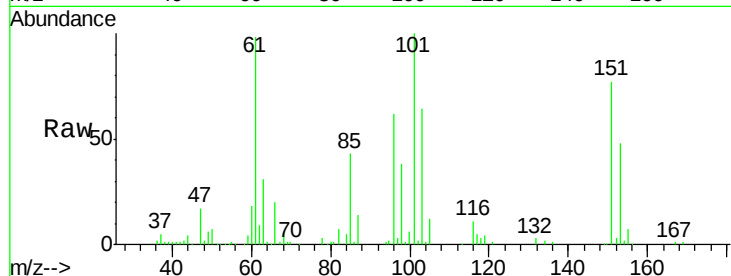
151 74.0 58.6 87.8

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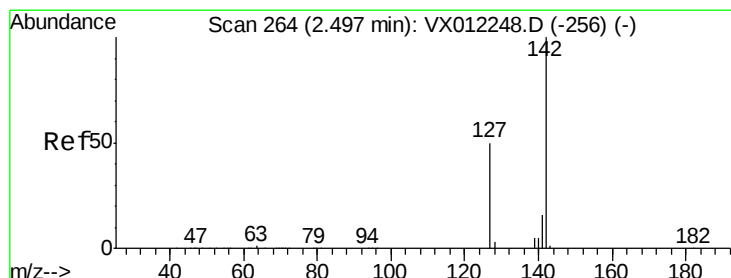
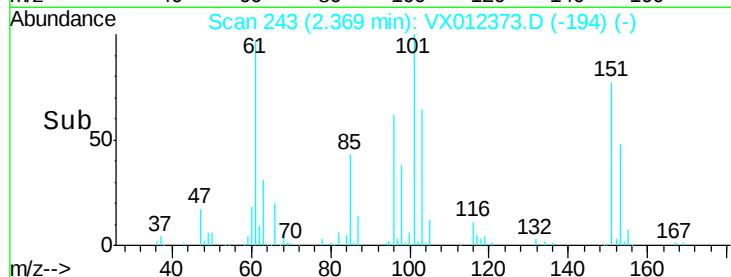
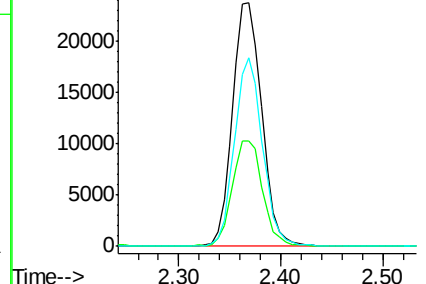
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 28.247 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

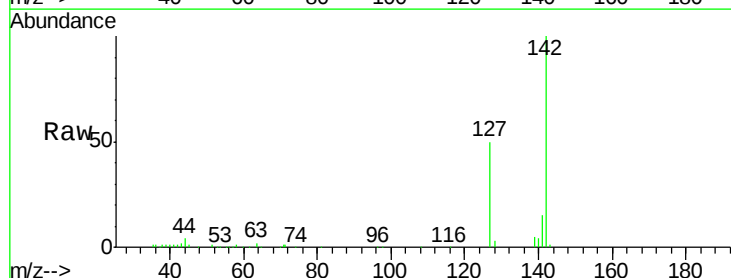
Tgt Ion:142 Resp: 28113

Ion Ratio Lower Upper

142 100

127 50.5 40.6 61.0

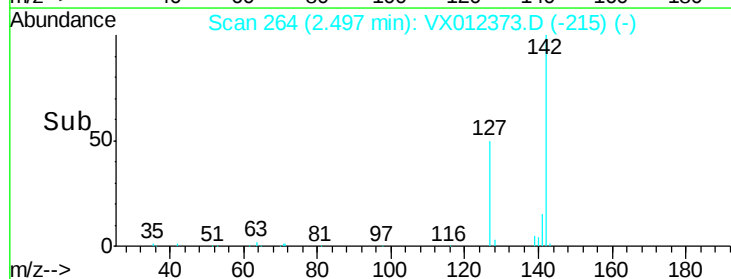
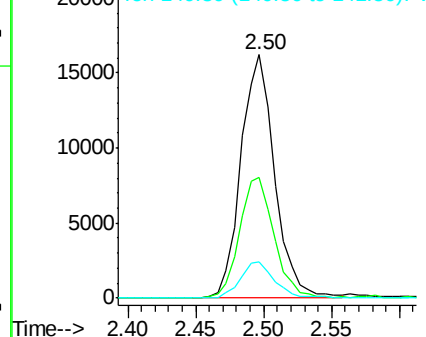
141 15.2 12.0 18.0

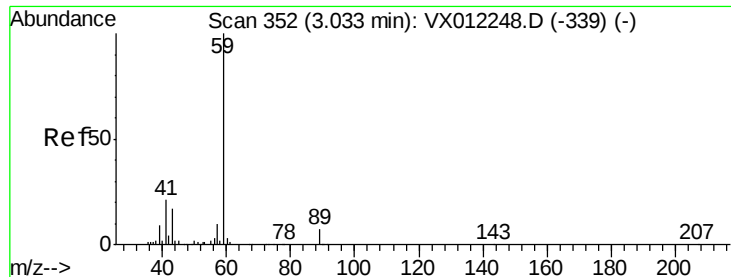


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

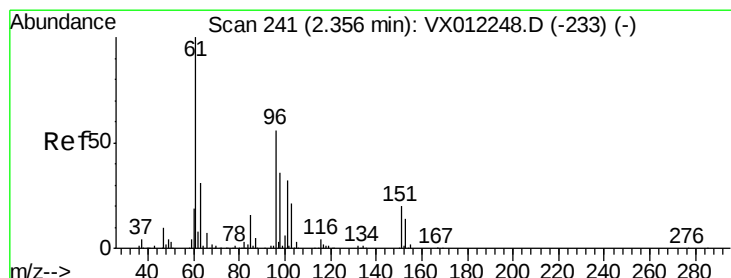
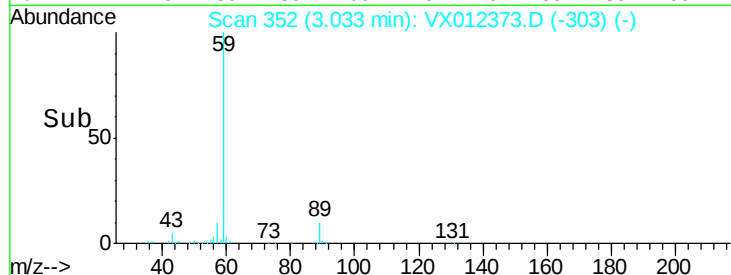
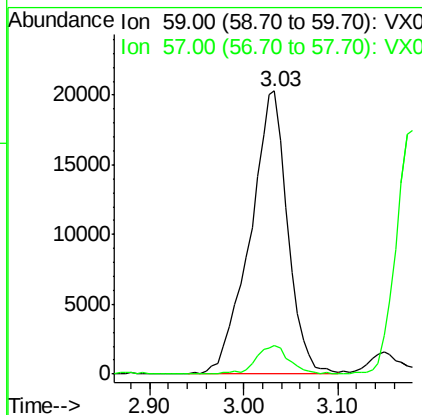
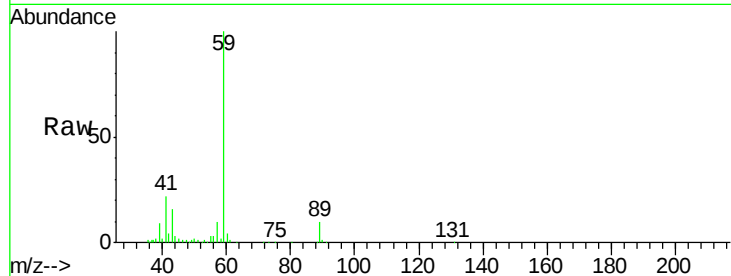
Tert butyl alcohol
Concen: 324.859 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.8	11.6

Manual Integrations
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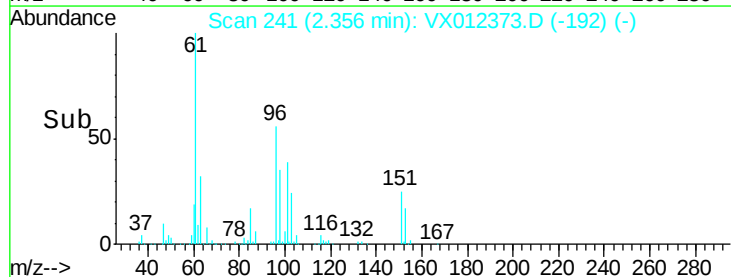
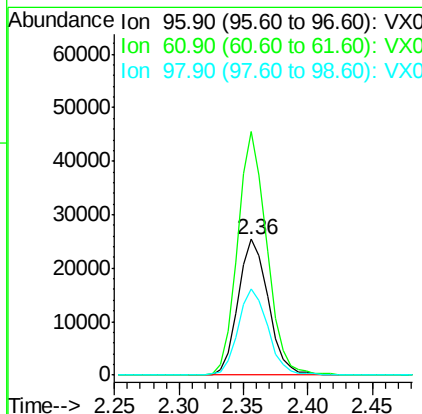
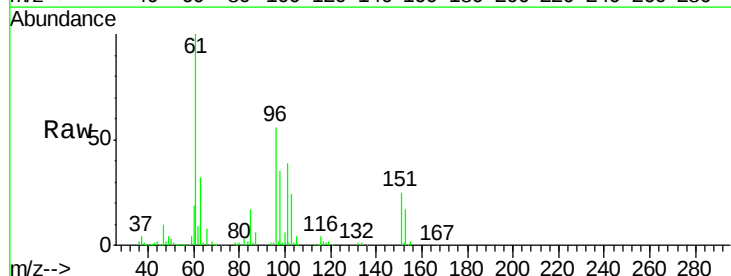
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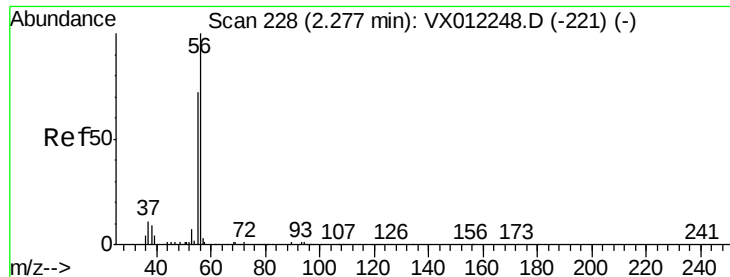


#12

1,1-Dichloroethene
Concen: 46.491 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.2	142.2	213.2
98	63.7	51.3	76.9





#13

Acrolein

Concen: 299.444 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 25964

Ion Ratio Lower Upper

56 100

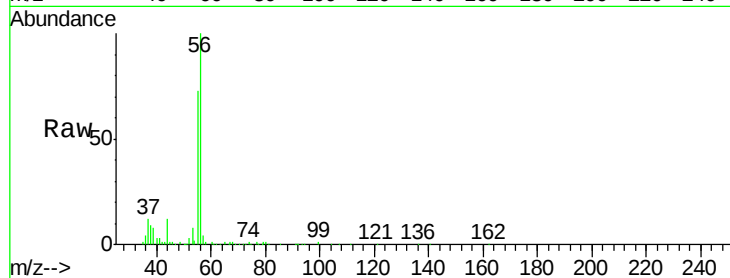
55 71.1 59.8 89.6

Manual Integrations

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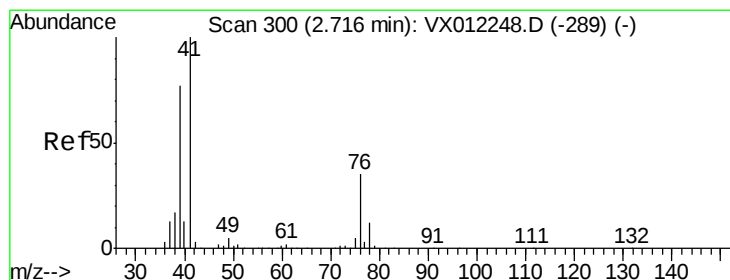
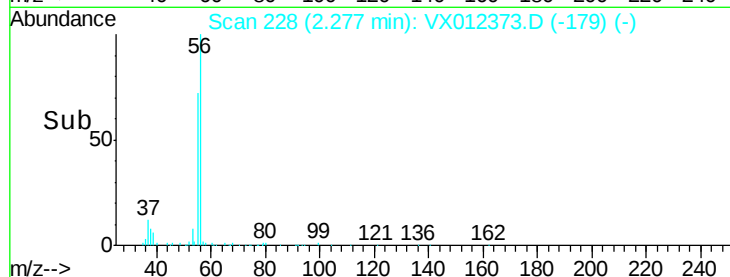
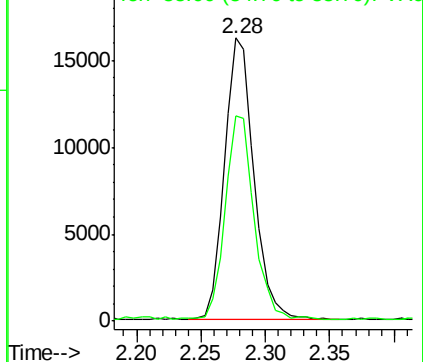
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.408 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

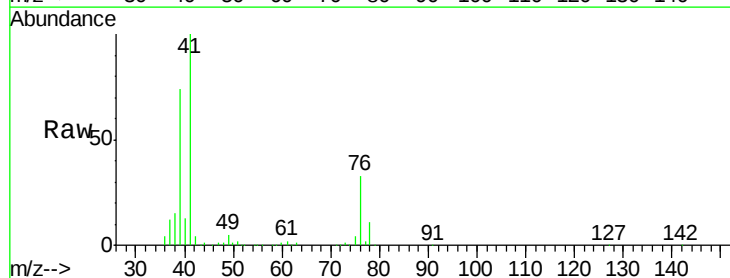
Tgt Ion: 41 Resp: 85806

Ion Ratio Lower Upper

41 100

39 71.1 58.6 87.8

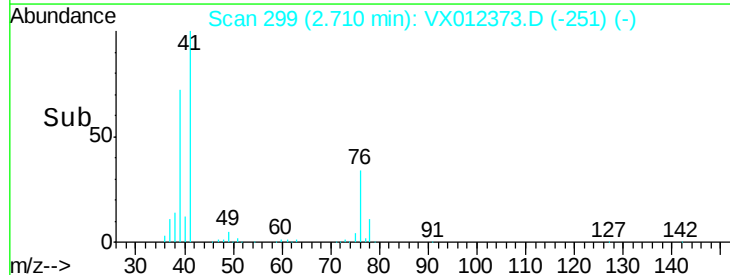
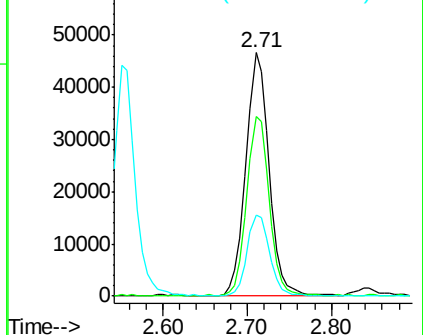
76 32.7 26.3 39.5

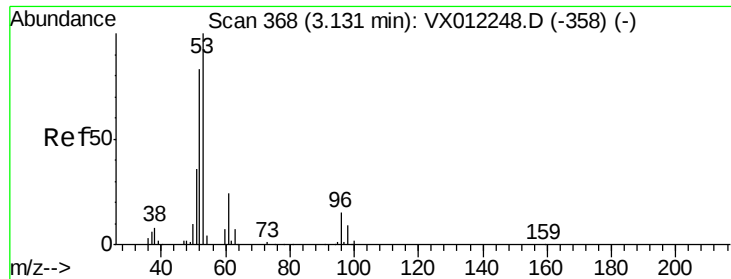


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 296.383 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

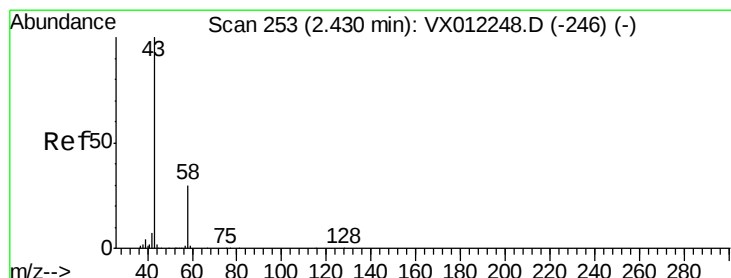
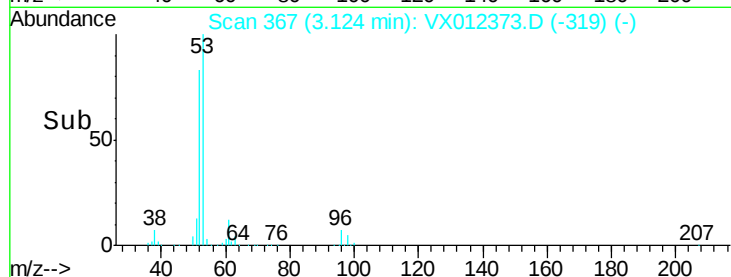
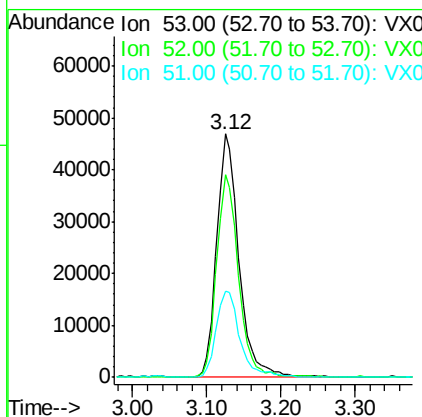
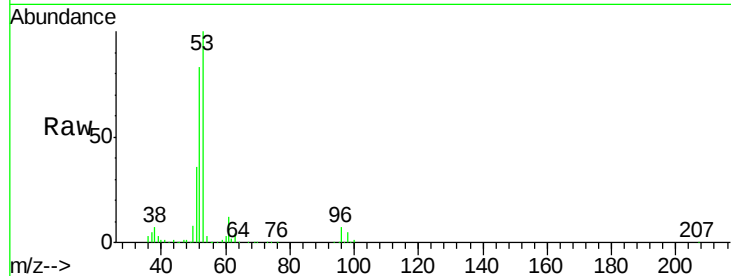
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	96997
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.8	100.2
51	38.2	30.7	46.1

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#16

Acetone

Concen: 222.770 ug/l

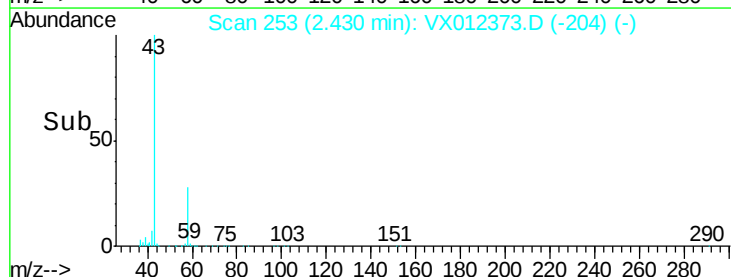
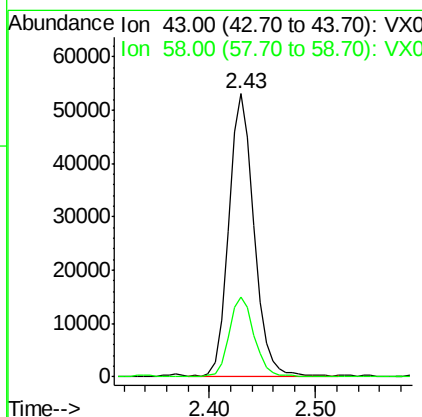
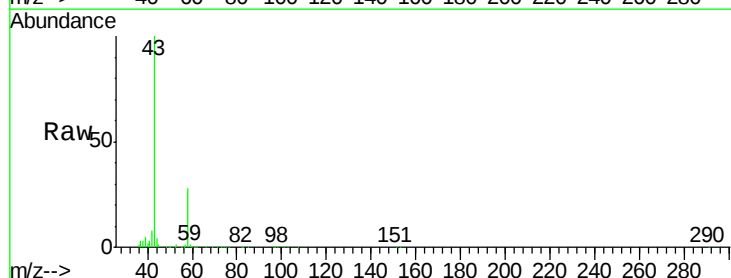
RT: 2.43 min Scan# 253

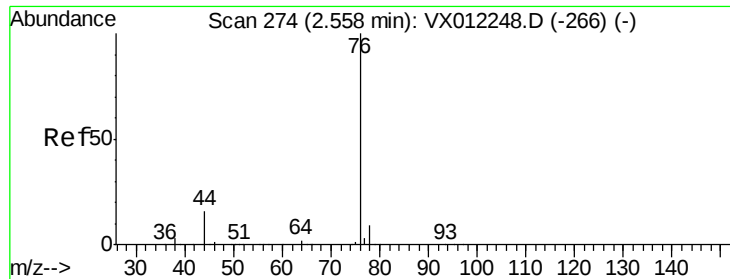
Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion:	43	Resp:	87473
Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.6	35.4





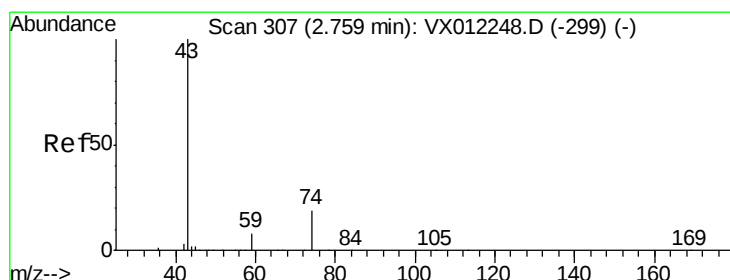
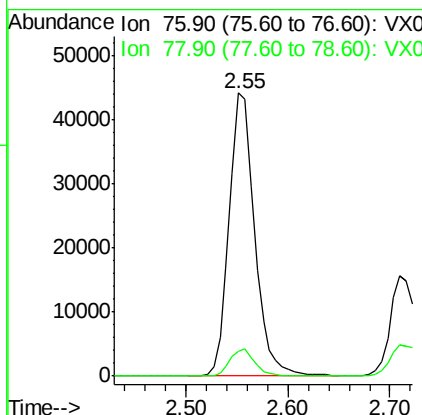
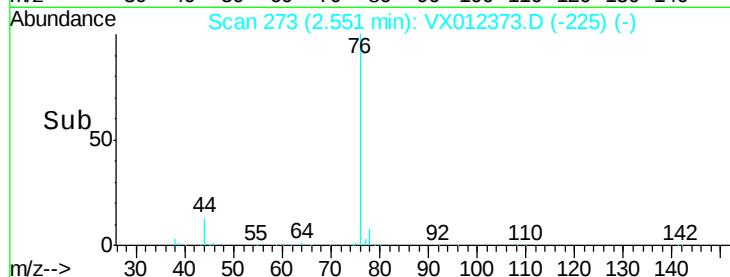
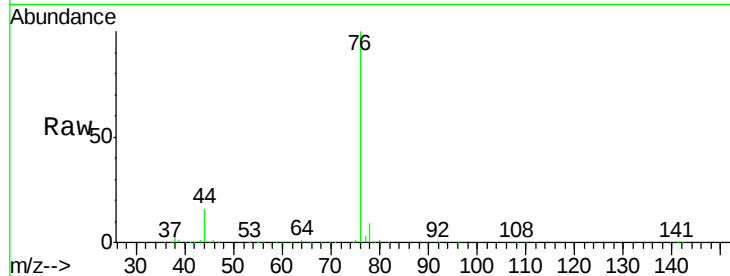
#17
Carbon Disulfide
Concen: 41.137 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

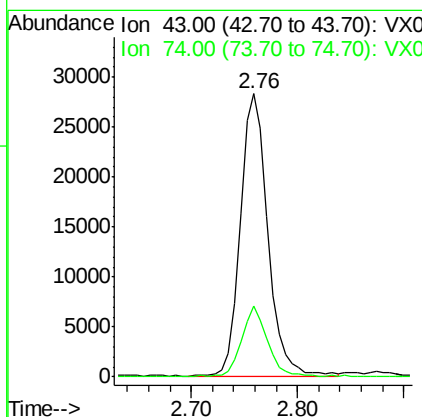
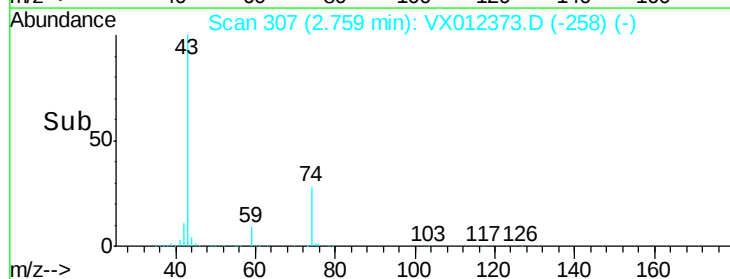
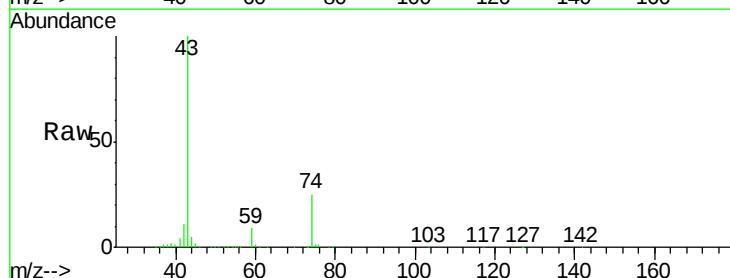
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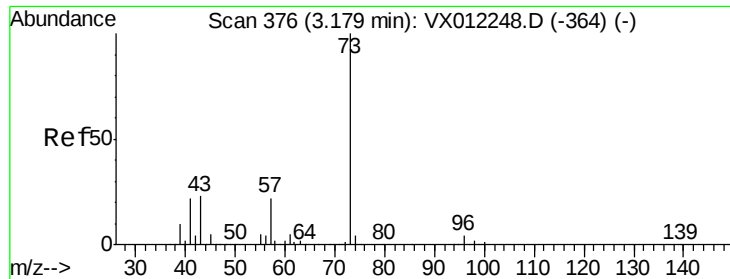
MMDadoda
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#18
Methyl Acetate
Concen: 61.850 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.3	27.5





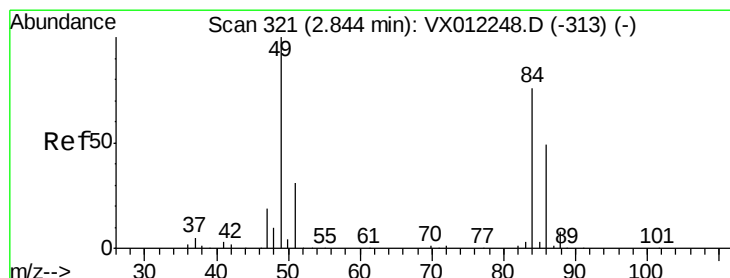
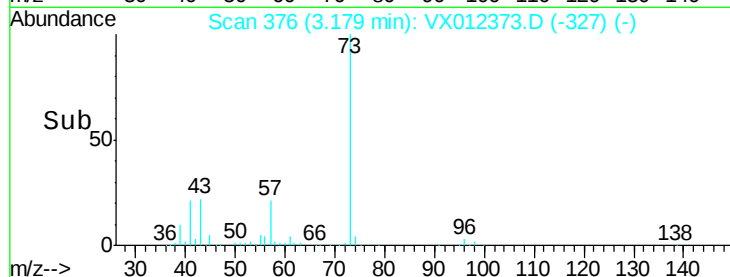
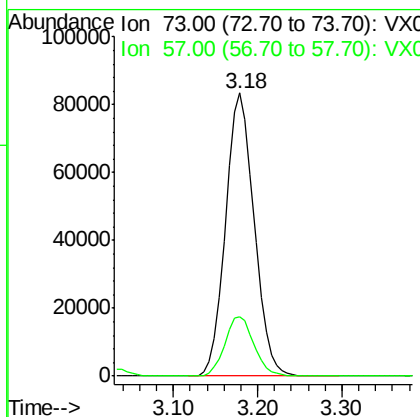
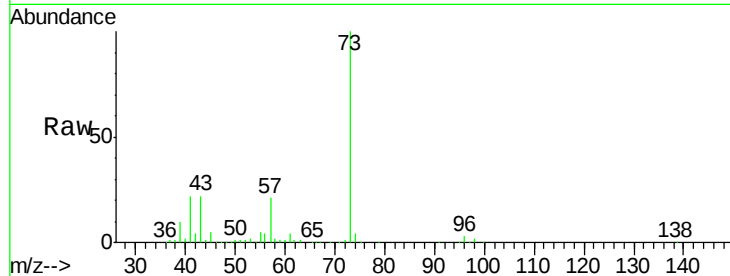
#19
Methvl tert-butvl Ether
Concen: 55.085 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 193119
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

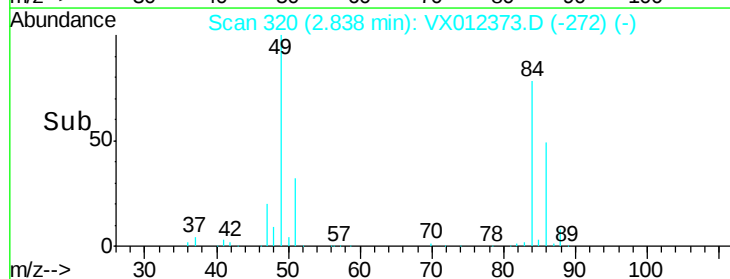
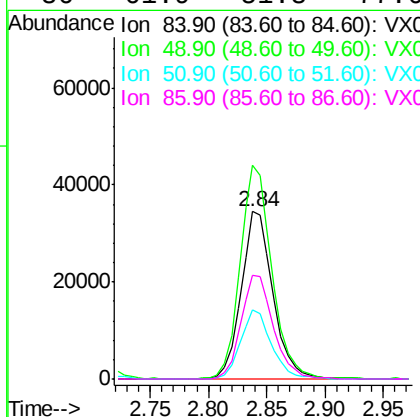
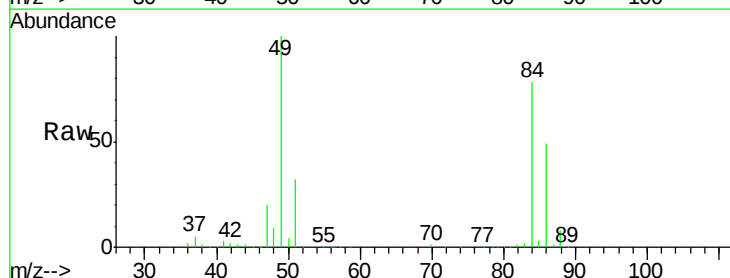
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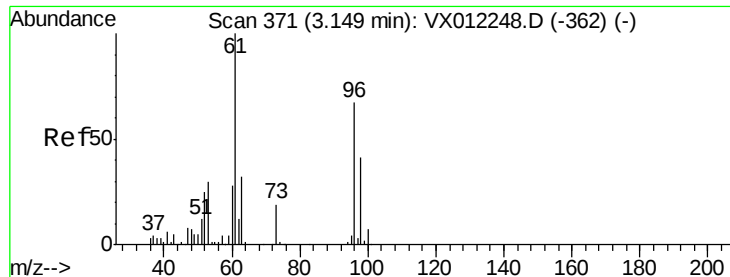
MMDadoda
9/13/2019 10:11:44 AM



#20
Methylene Chloride
Concen: 53.456 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 84 Resp: 65263
Ion Ratio Lower Upper
84 100
49 127.2 105.0 157.6
51 40.8 32.6 48.8
86 61.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.932 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

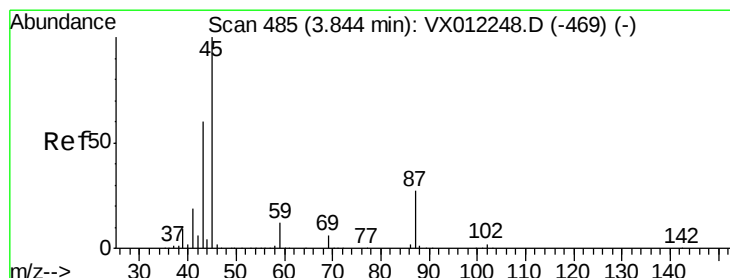
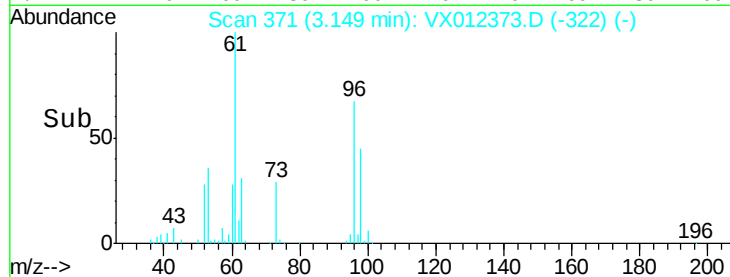
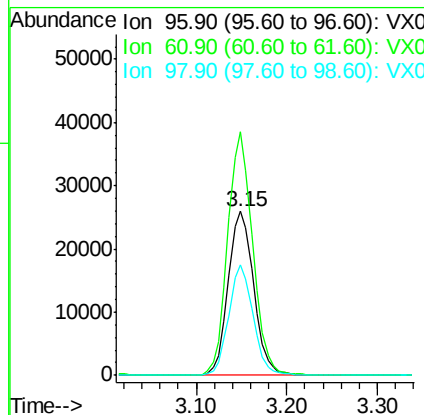
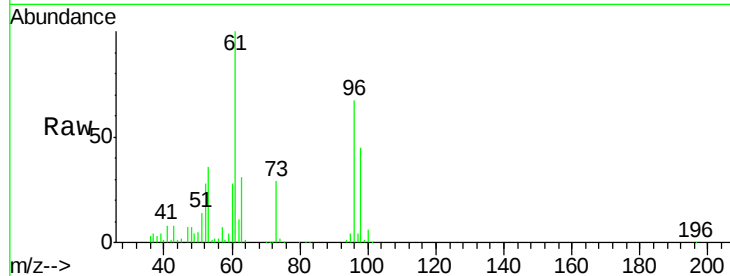
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	50768
Ion	Ratio	Lower	Upper
96	100		
61	148.2	119.4	179.2
98	67.3	48.4	72.6

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#22

Diisopropyl ether

Concen: 52.828 ug/l

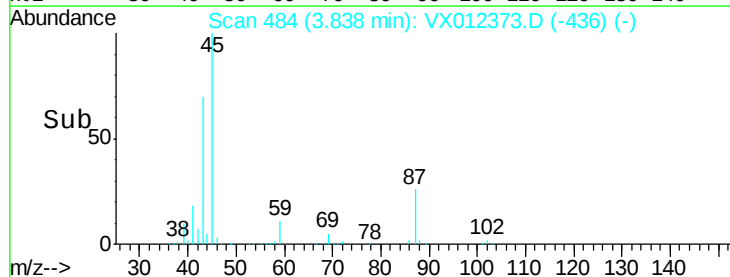
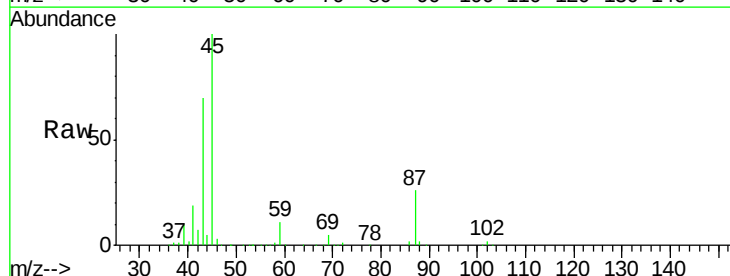
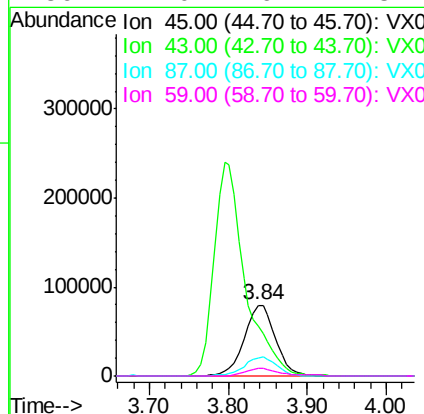
RT: 3.84 min Scan# 484

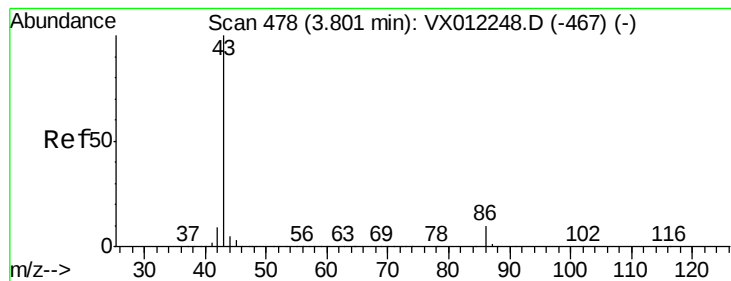
Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion:	45	Resp:	218671
Ion	Ratio	Lower	Upper
45	100		
43	69.7	48.3	72.5
87	25.9	21.8	32.8
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 259.658 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 659438

Ion Ratio Lower Upper

43 100

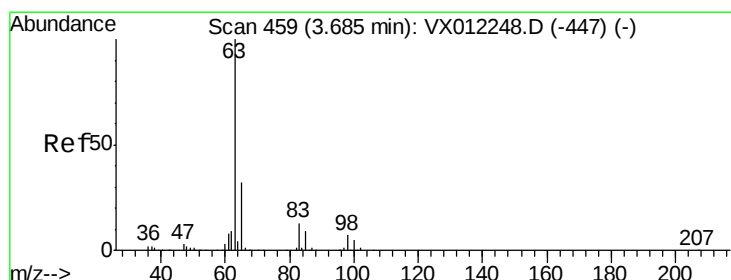
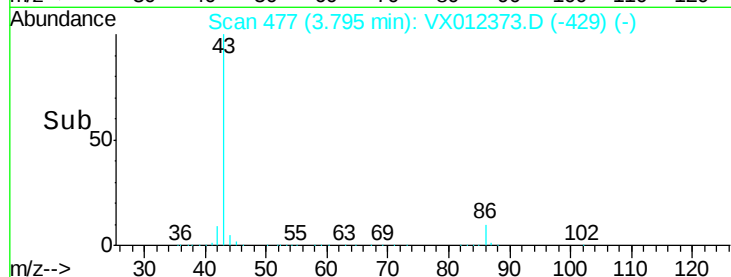
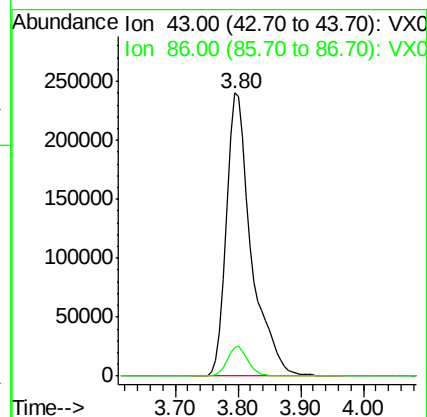
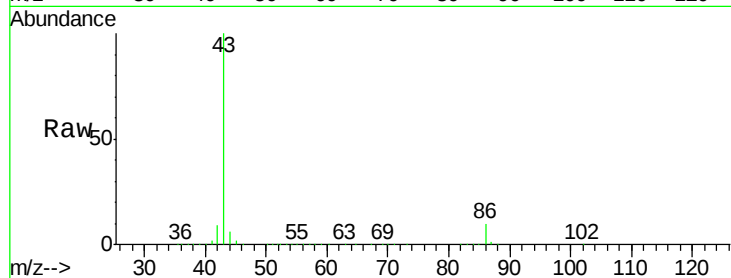
86 10.2 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 50.520 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

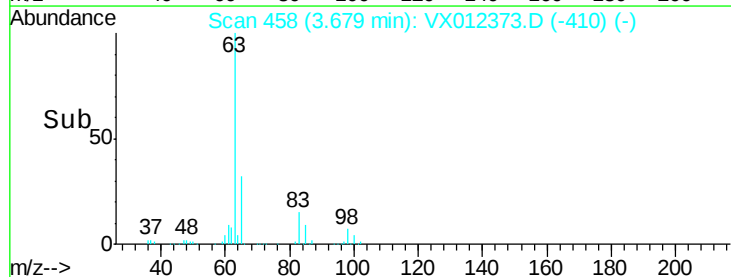
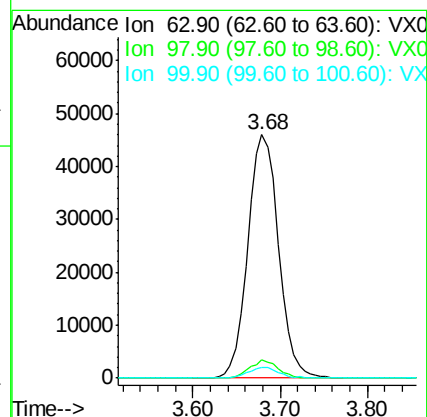
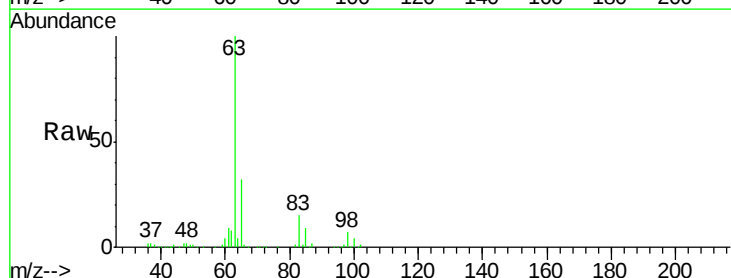
Tgt Ion: 63 Resp: 112013

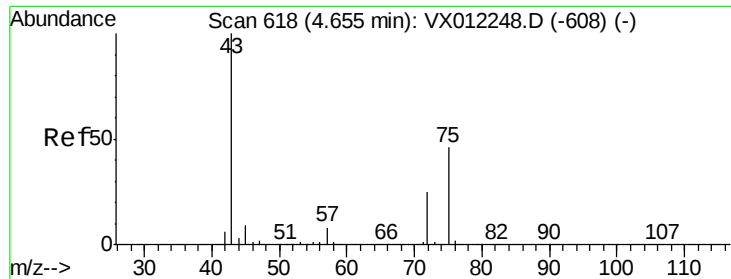
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 268.233 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 134642

Ion Ratio Lower Upper

43 100

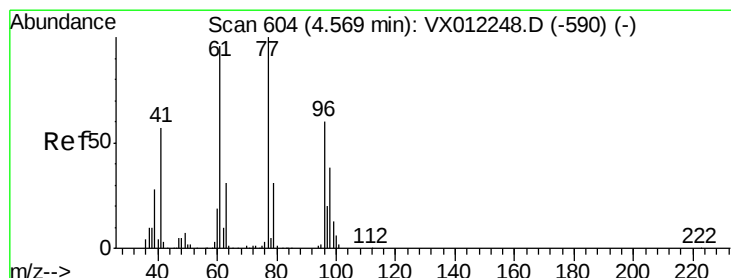
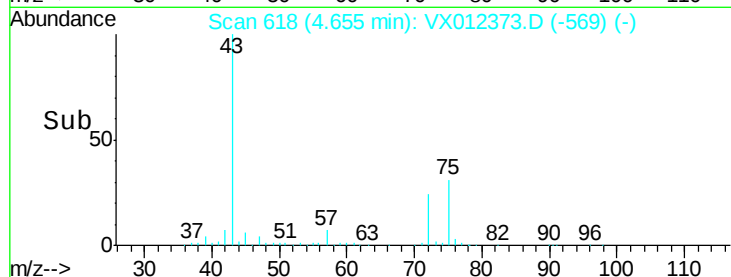
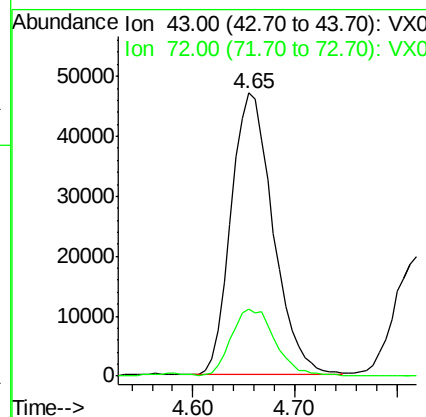
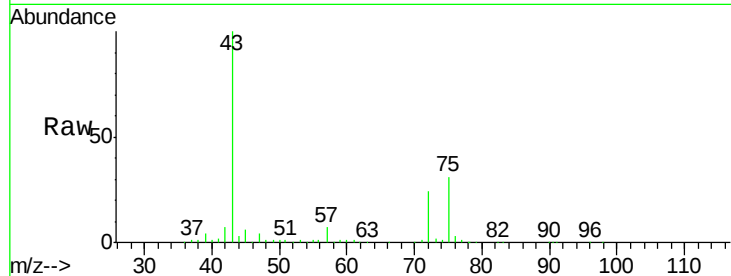
72 23.6 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.005 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012373.D

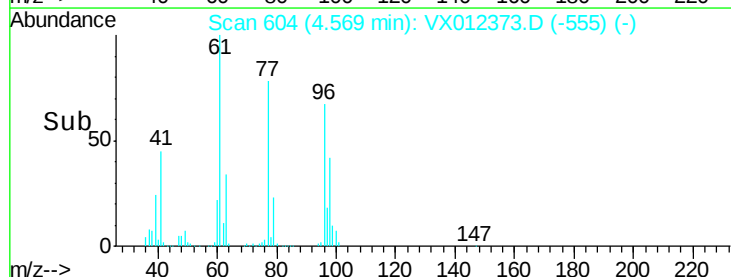
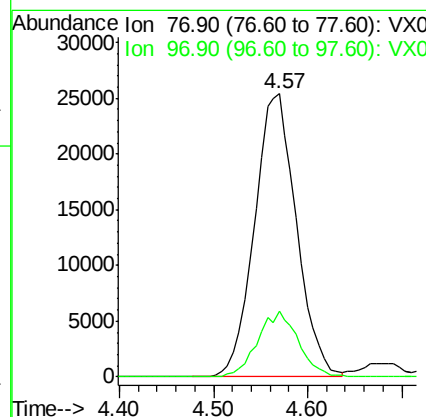
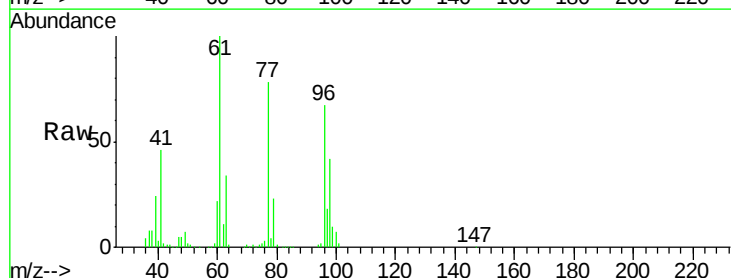
Acq: 13 Sep 2019 03:15

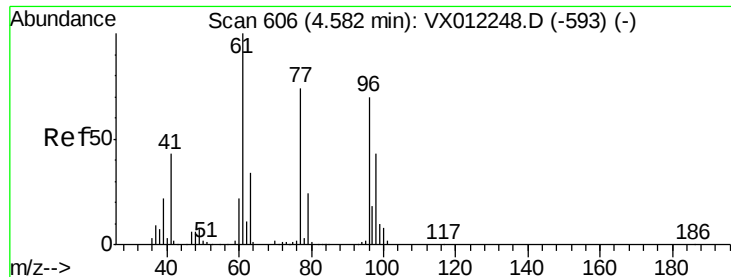
Tgt Ion: 77 Resp: 79112

Ion Ratio Lower Upper

77 100

97 22.5 10.7 32.1





#27

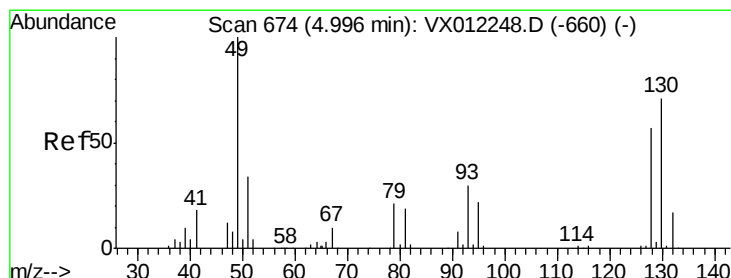
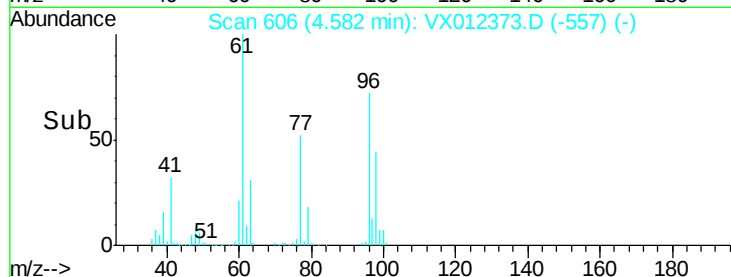
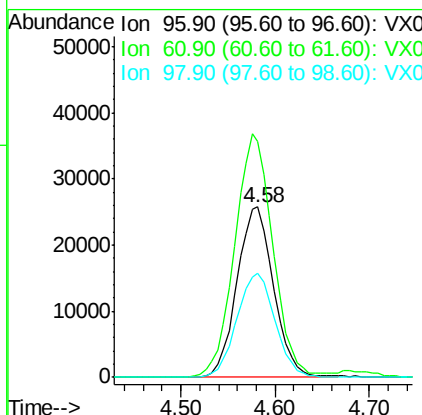
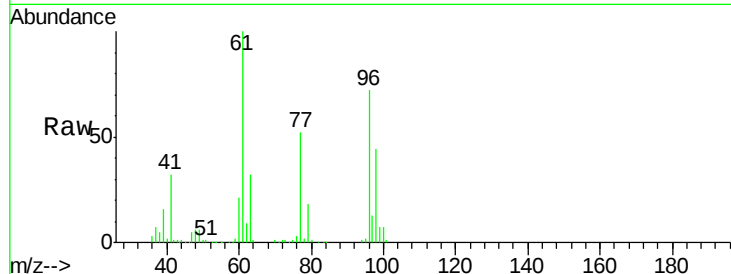
cis-1,2-Dichloroethene
Concen: 51.146 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69939		
61	148.8		0.0	310.4
98	64.0		0.0	128.8

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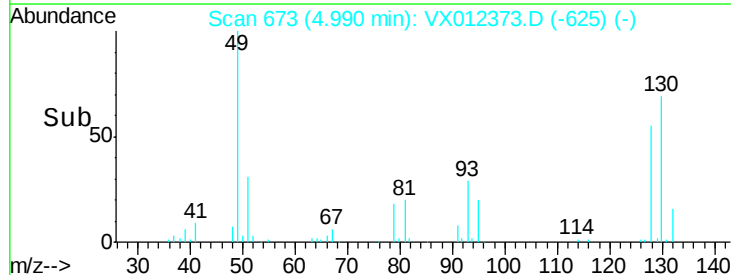
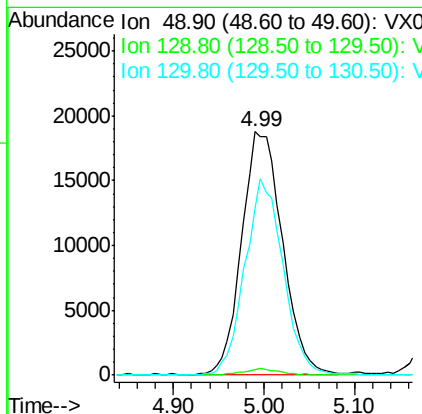
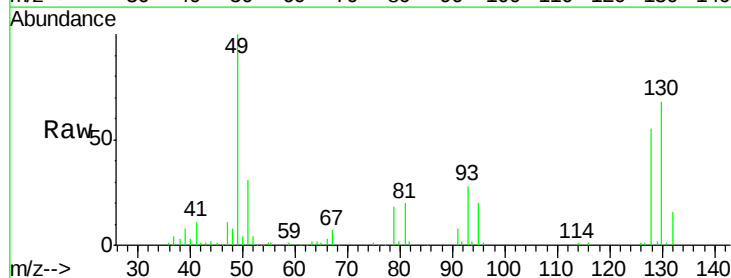
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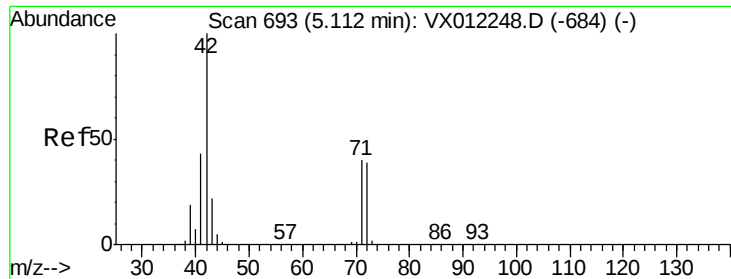


#28

Bromochloromethane
Concen: 56.412 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	58661		
129	2.3		0.0	5.2
130	75.2		60.1	90.1





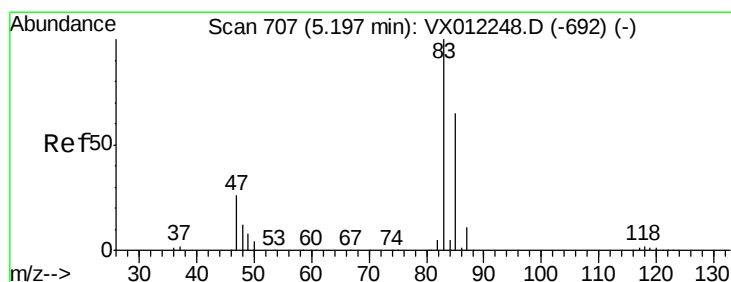
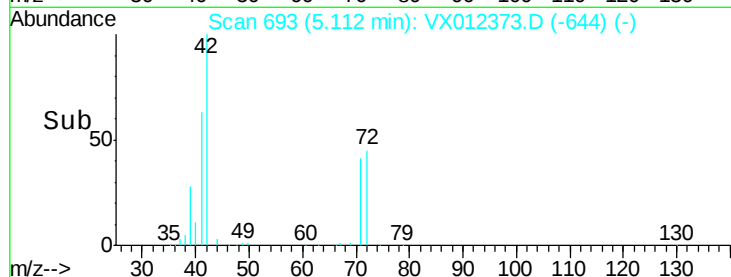
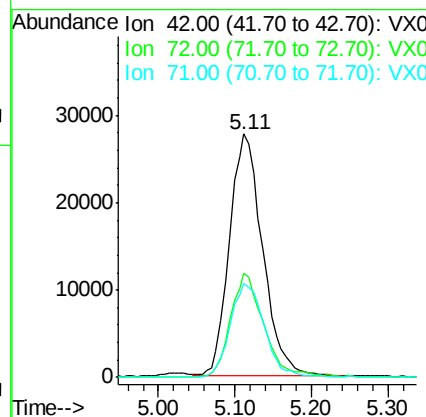
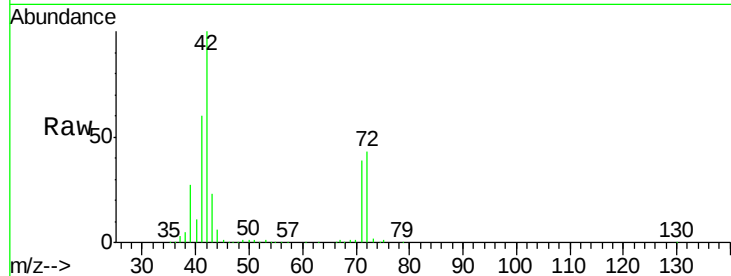
#29
Tetrahydrofuran
Concen: 308.191 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.2	52.8
71	40.0	32.5	48.7

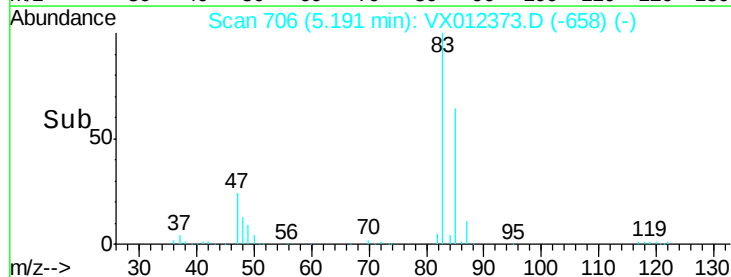
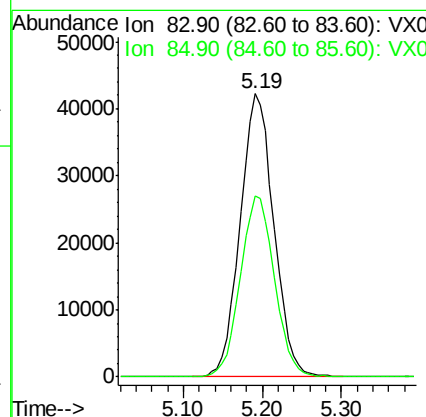
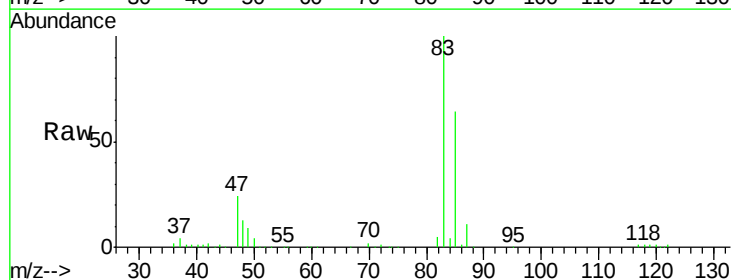
Manual Integrations
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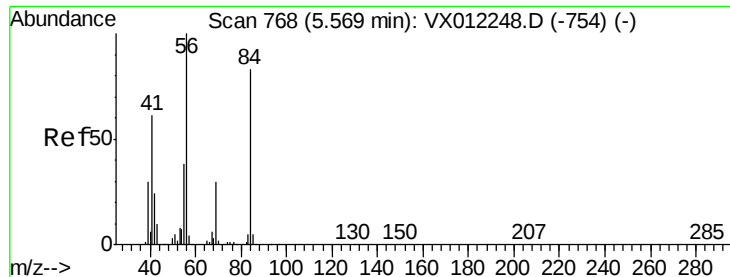
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#30
Chloroform
Concen: 50.130 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.3	78.5





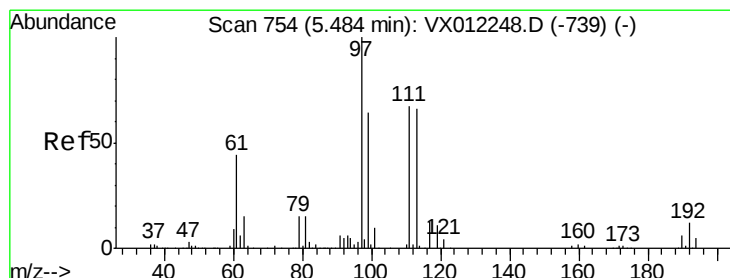
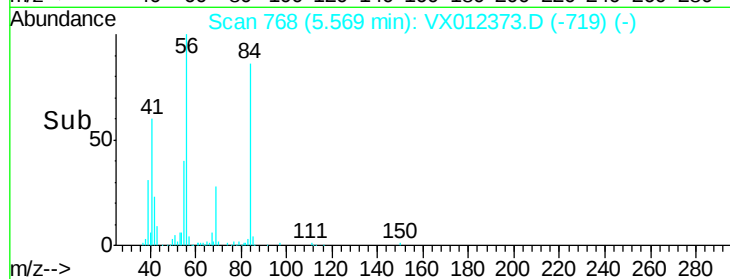
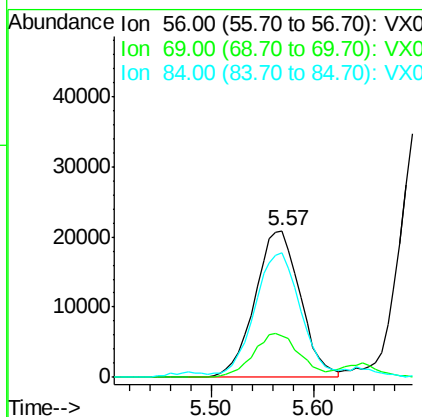
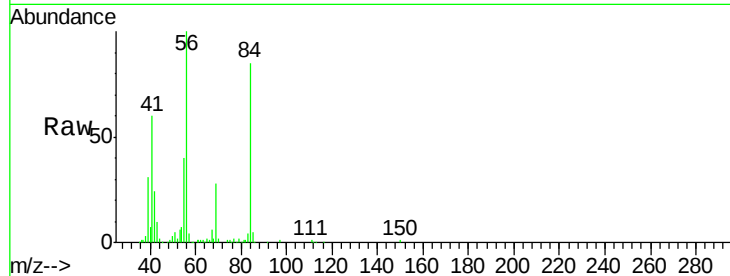
#31
Cyclohexane
Concen: 41.845 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	27.8	23.8	35.6	
84	81.8	66.6	100.0	

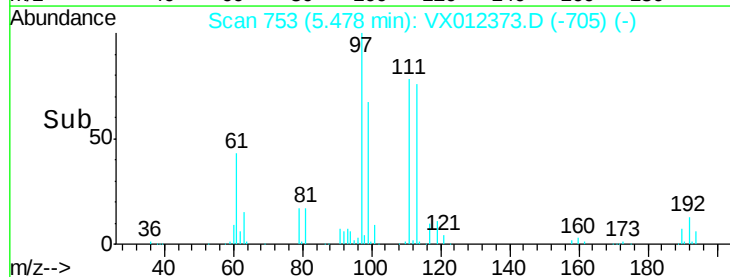
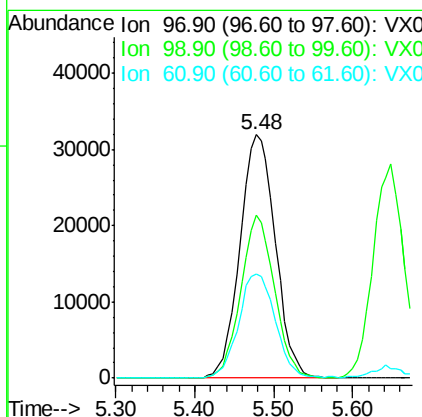
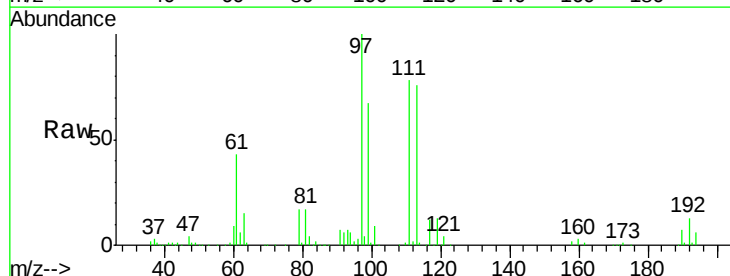
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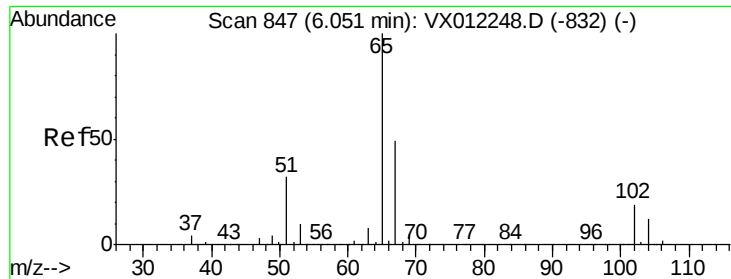
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#32
1,1,1-Trichloroethane
Concen: 46.513 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.5	51.3	76.9	
61	44.3	35.4	53.0	





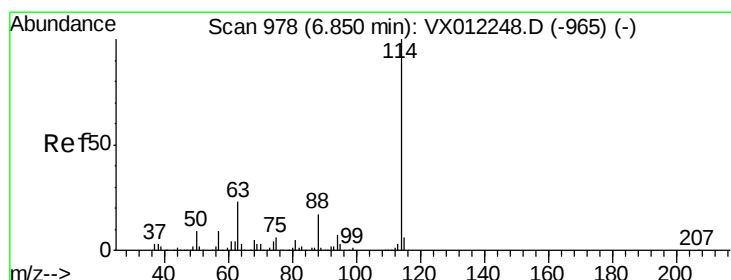
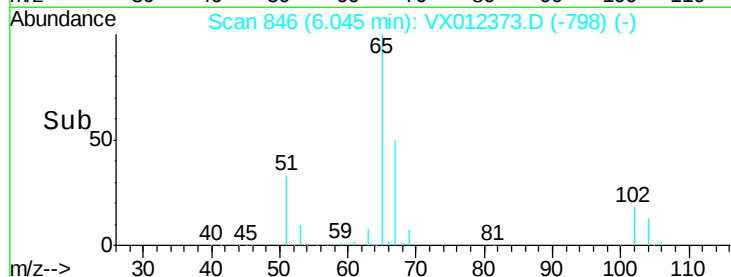
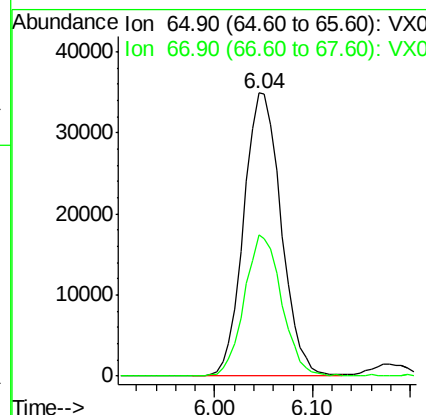
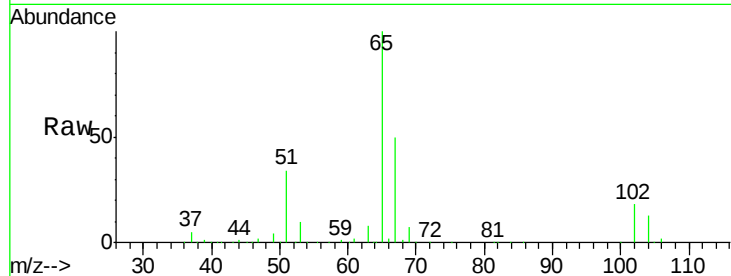
#33
 1,2-Dichloroethane-d4
 Concen: 56.074 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.8

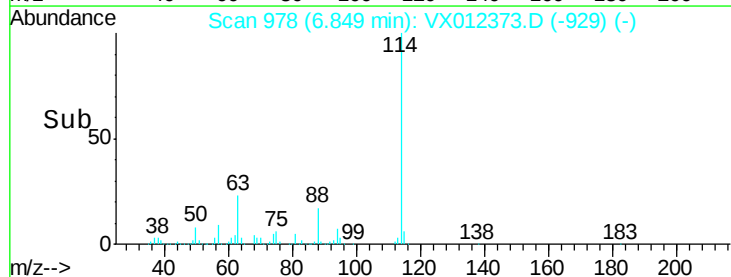
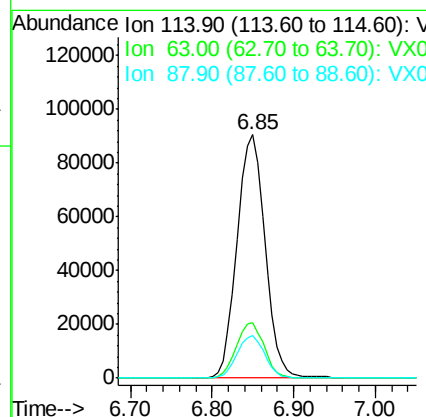
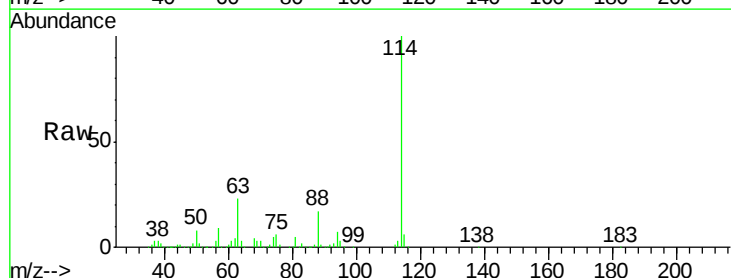
Manual Integrations
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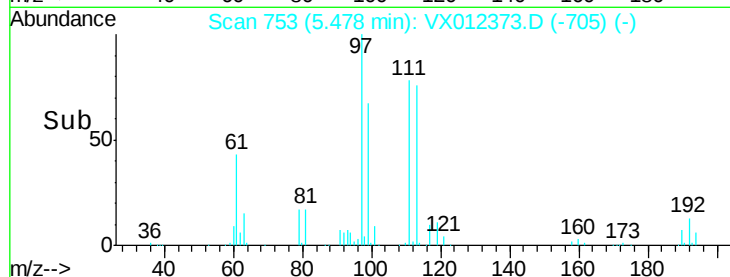
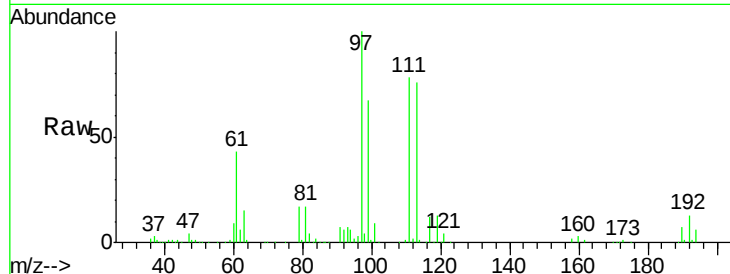
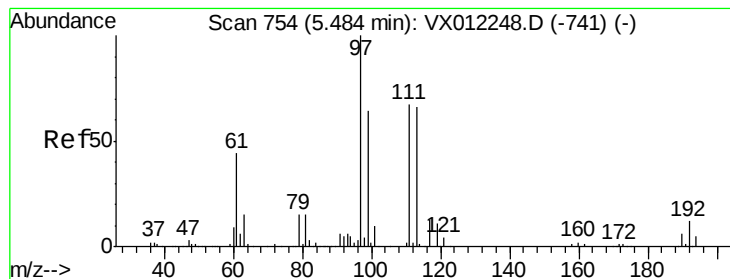
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.2
88	17.4	0.0	34.8





#35

Dibromofluoromethane

Concen: 51.381 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tot Ion:	113	Resp:	71065
Ion Ratio	Lower	Upper	
113	100		
111	103.7	83.0	124.6
192	18.7	14.3	21.5

Instrument :

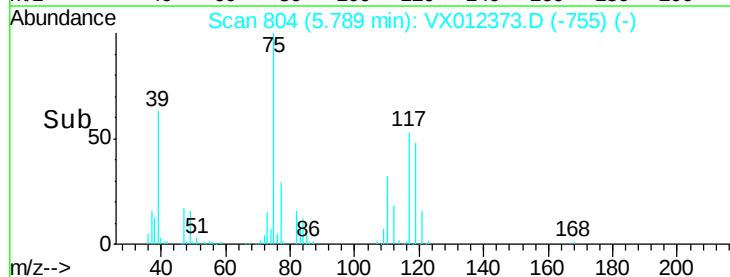
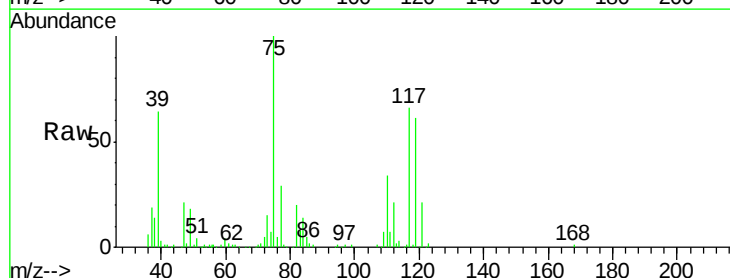
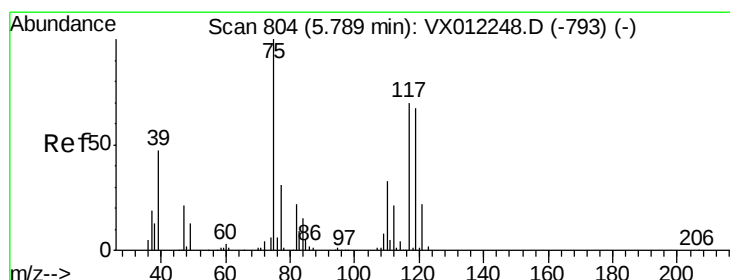
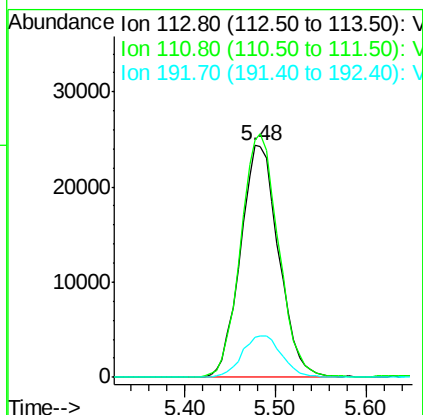
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 44.784 ug/l

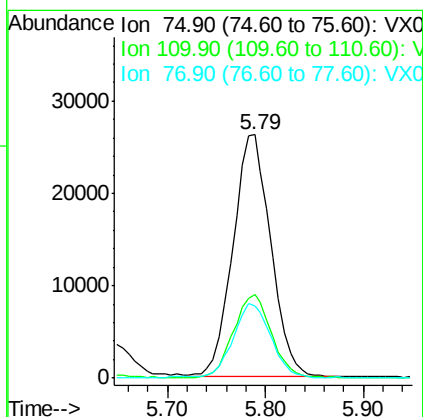
RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion:	75	Resp:	70455
Ion Ratio	Lower	Upper	
75	100		
110	34.8	16.8	50.4
77	31.5	24.5	36.7





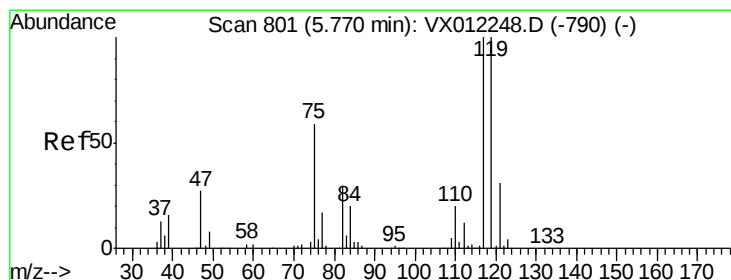
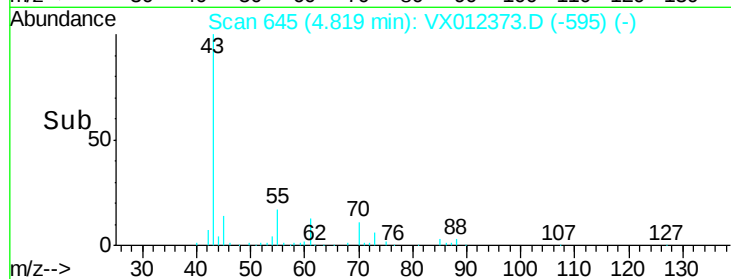
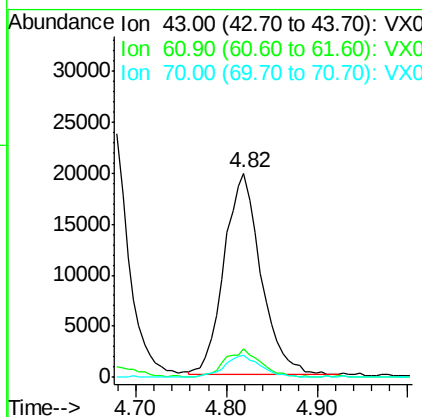
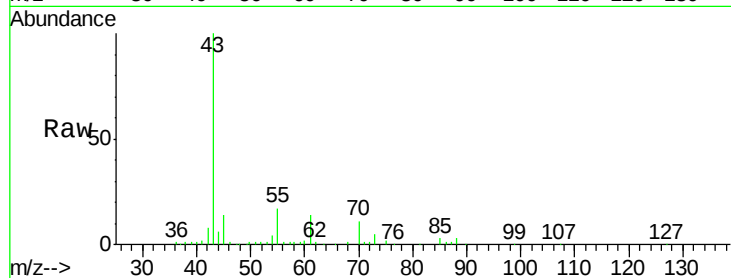
#37
Ethyl Acetate
Concen: 57.276 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.3	15.5
70	11.0	9.1	13.7

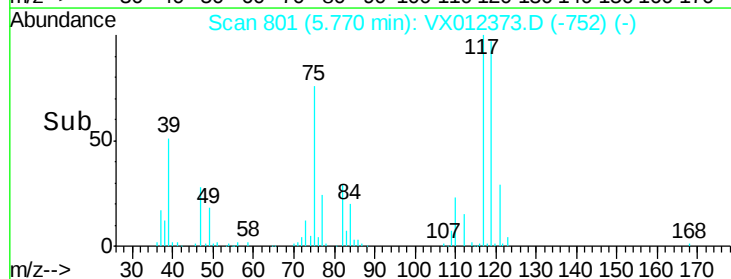
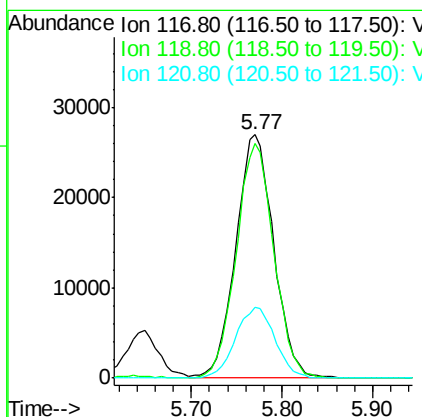
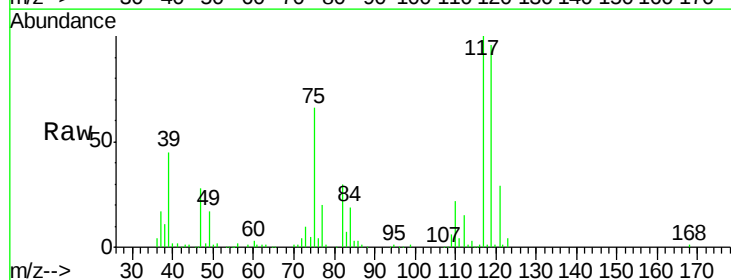
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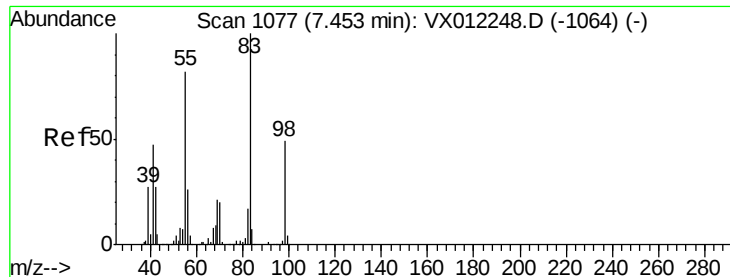
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#38
Carbon Tetrachloride
Concen: 42.273 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	79.6	119.4
121	29.3	24.7	37.1





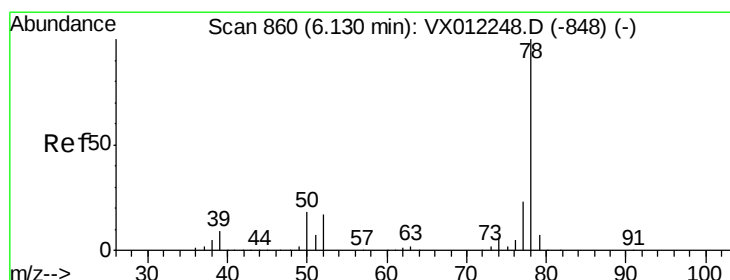
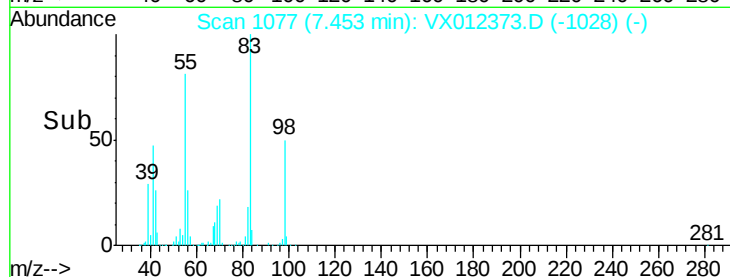
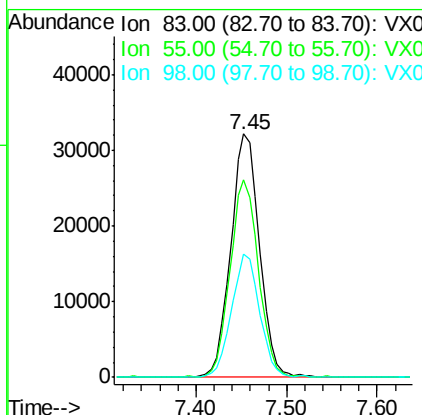
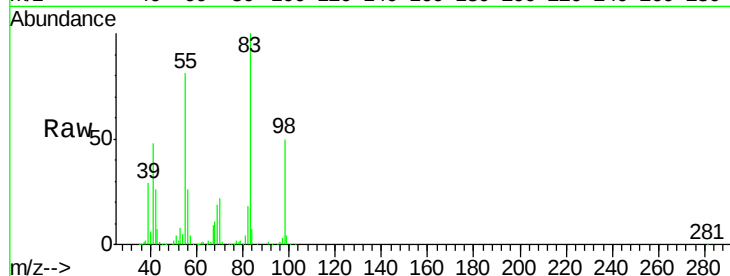
#39
Methvlcvclohexane
Concen: 40.914 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.4	98.2
98	50.5	39.6	59.4

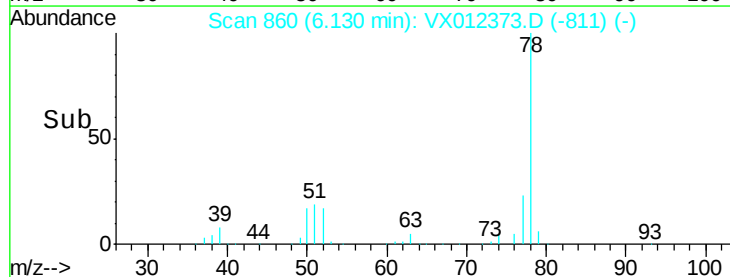
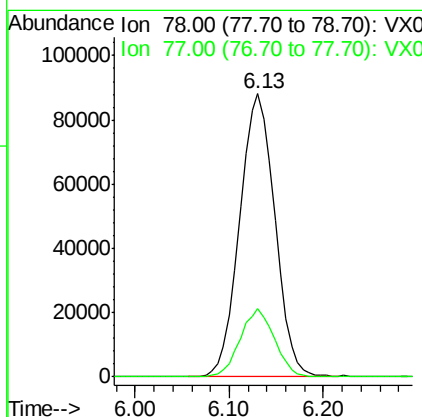
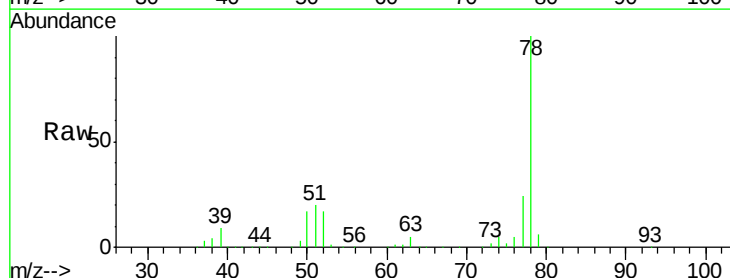
Manual Integrations
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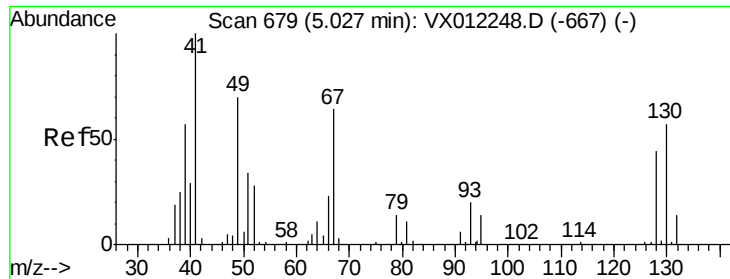
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#40
Benzene
Concen: 48.262 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.0	27.0





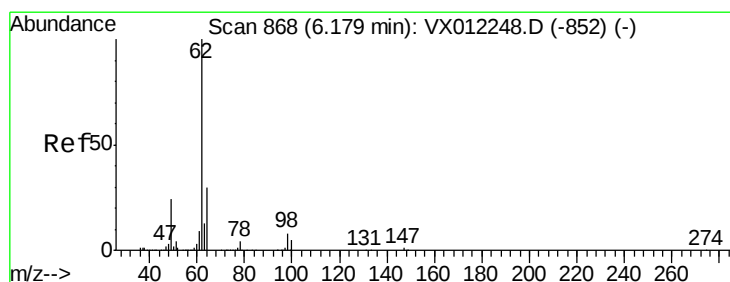
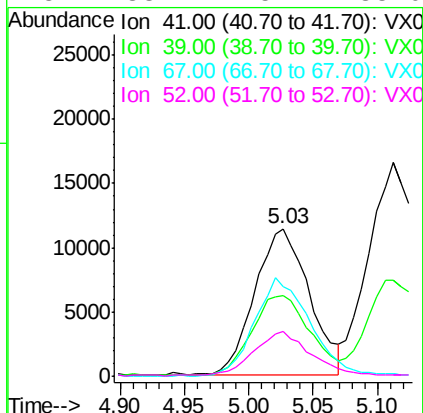
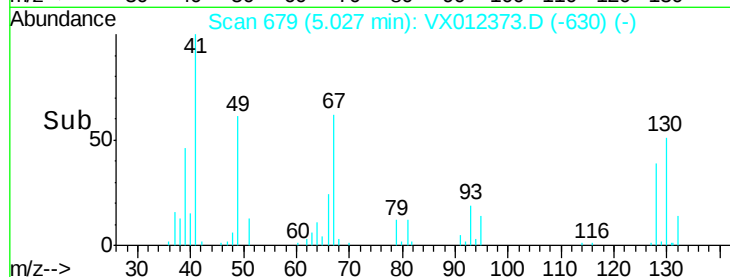
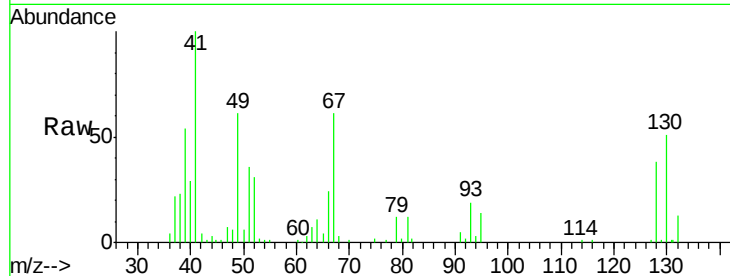
#41
Methacrylonitrile
Concen: 55.498 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.4	49.0	73.4	
67	69.5	55.0	82.4	
52	33.4	25.4	38.0	

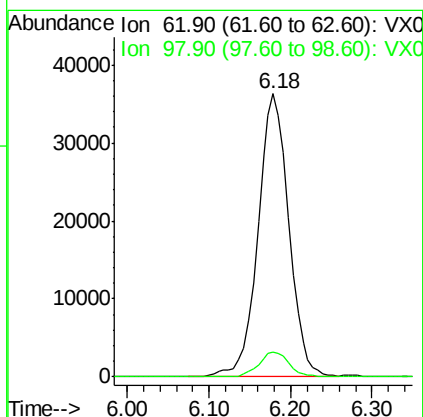
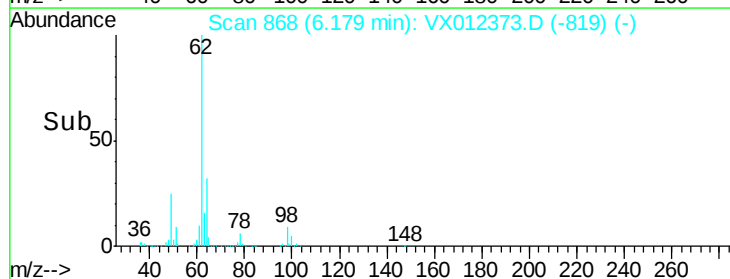
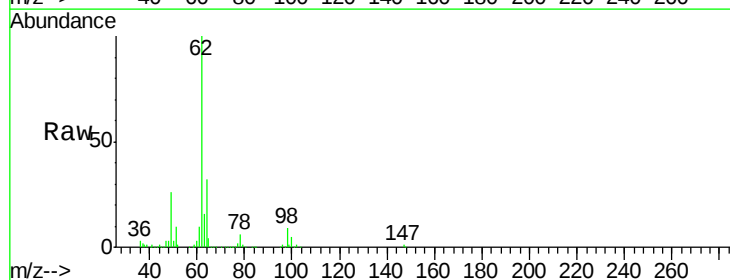
Manual Integrations
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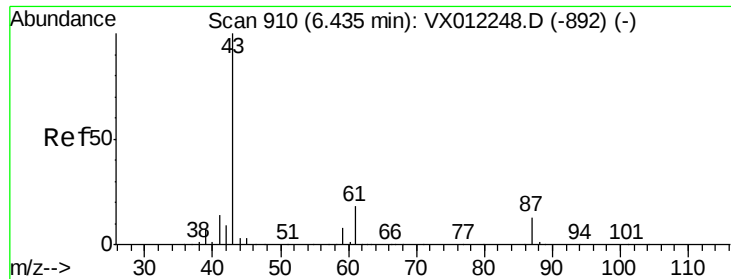
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#42
1,2-Dichloroethane
Concen: 50.820 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.2	





#43

Isopropyl Acetate

Concen: 54.798 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

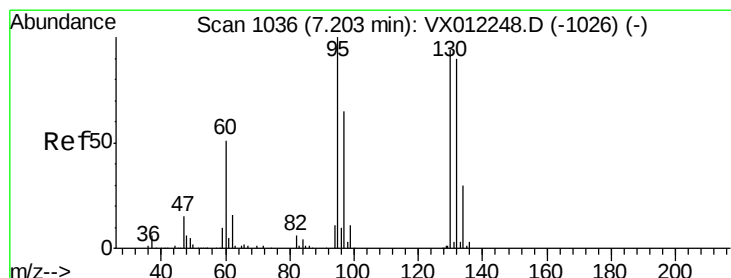
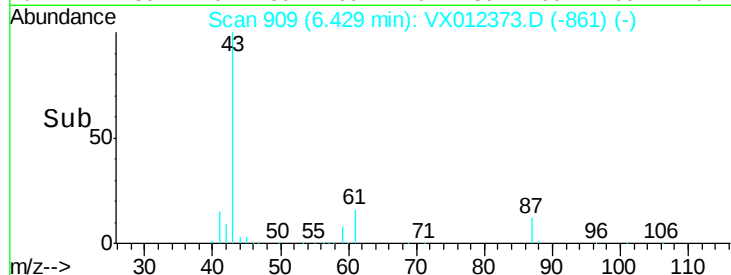
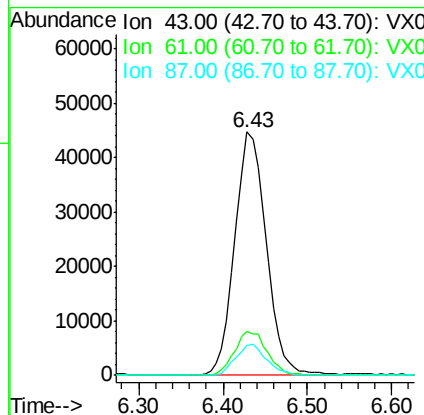
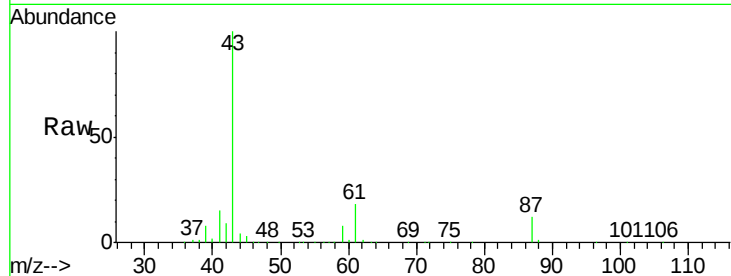
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	112354
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.4	23.2
87	12.6	10.5	15.7

Manual Integrations
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9/13/2019 10:11:44 AM



#44

Trichloroethene

Concen: 48.341 ug/l

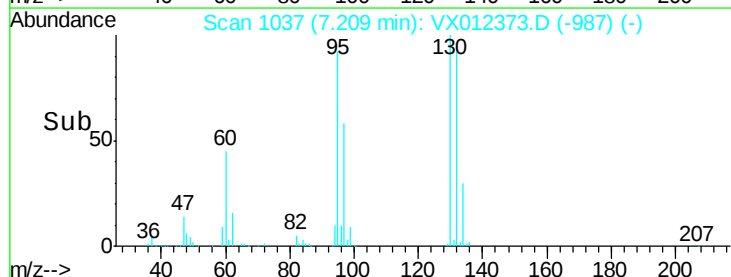
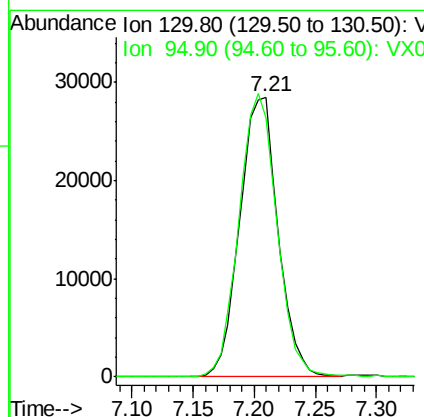
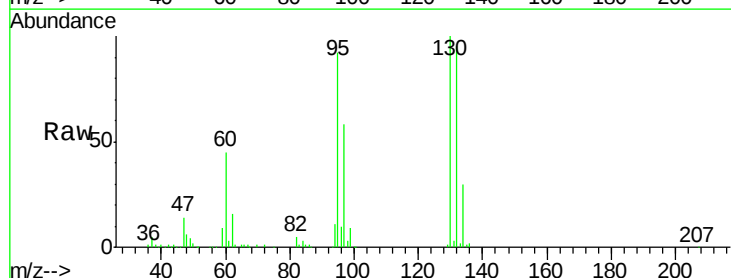
RT: 7.21 min Scan# 1037

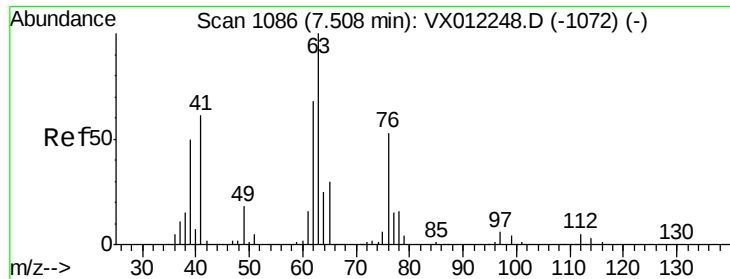
Delta R.T. 0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion:	130	Resp:	62291
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	212.0





#45

1,2-Dichloropropane

Concen: 50.032 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 65940

Ion Ratio Lower Upper

63 100

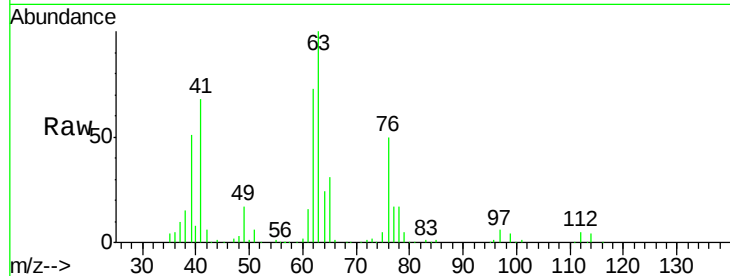
65 31.5 24.3 36.5

Manual Integrations

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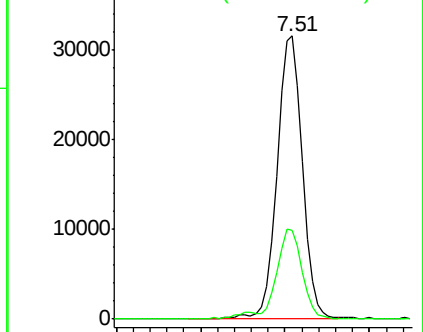
MMDadoda

9/13/2019 10:11:44 AM

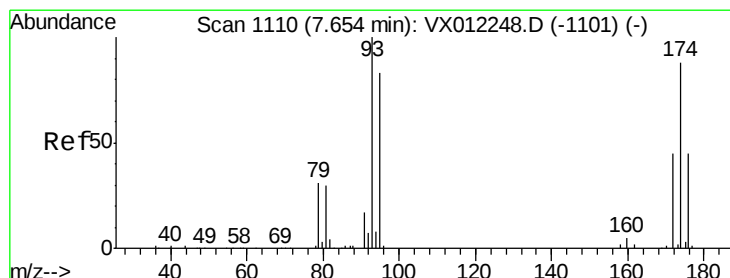
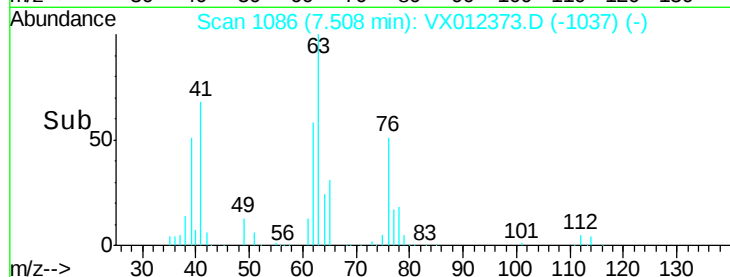


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 54.298 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

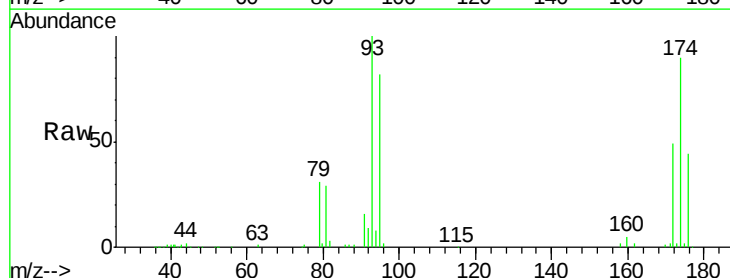
Tgt Ion: 93 Resp: 39112

Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

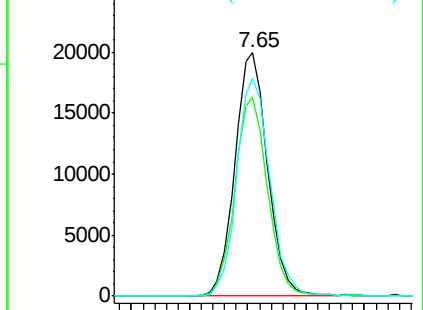
174 90.4 71.0 106.4



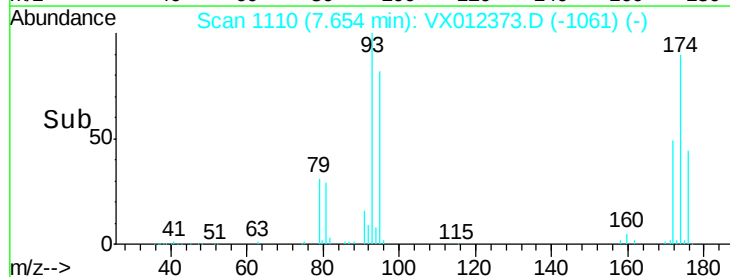
Abundance Ion 92.80 (92.50 to 93.50): VX0

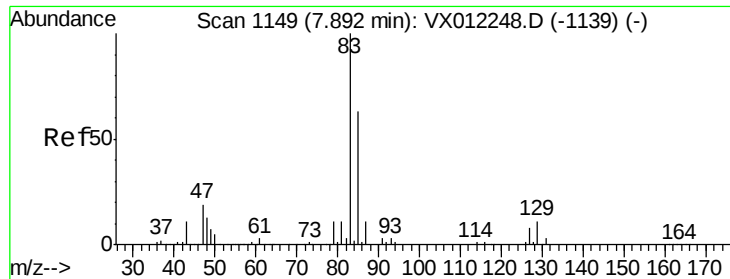
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





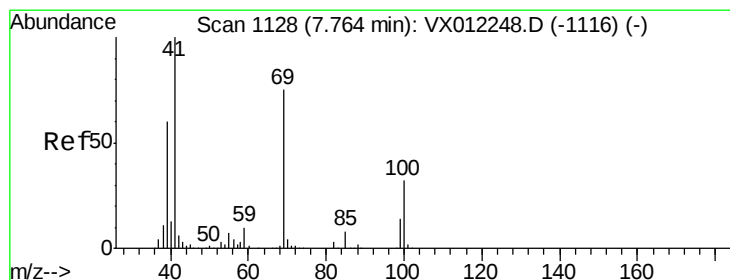
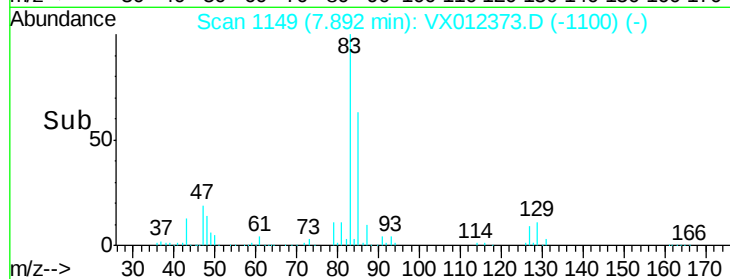
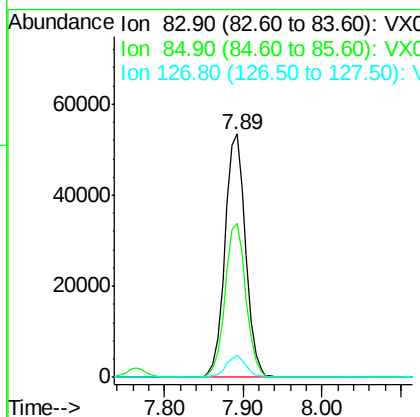
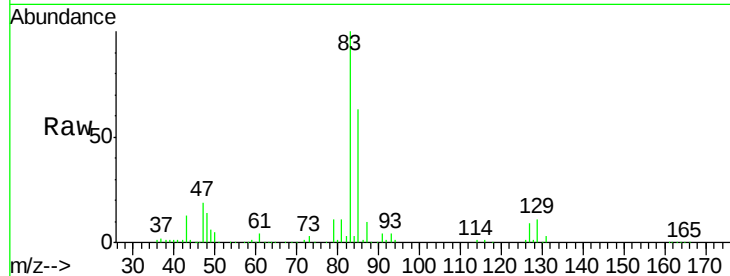
#47
Bromodichloromethane
Concen: 49.257 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.2	50.2	75.4	
127	9.0	6.3	9.5	

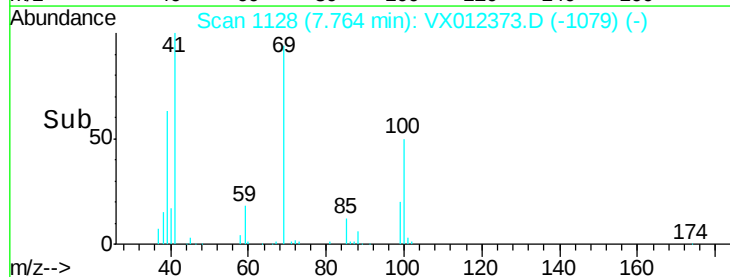
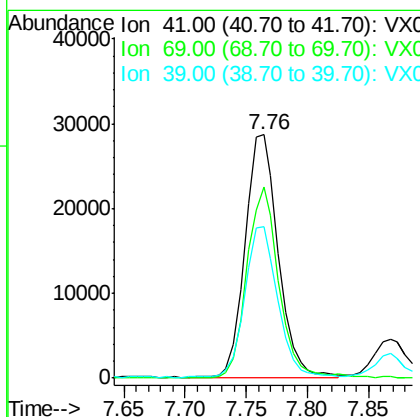
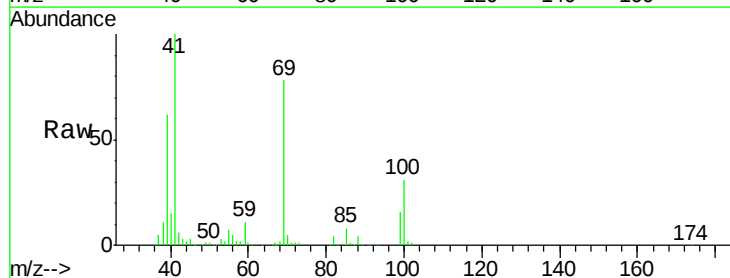
Manual Integrations
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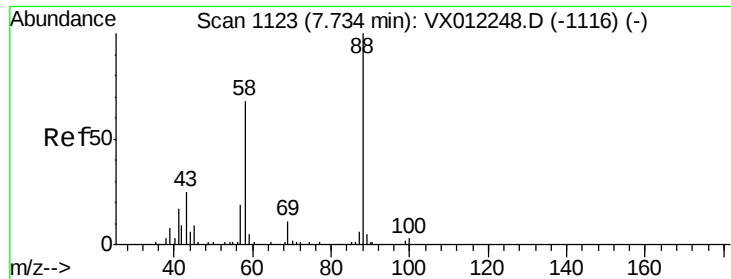
MMDadoda
9/13/2019 10:11:44 AM



#48
Methyl methacrylate
Concen: 54.761 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	75.5	61.8	92.6	
39	61.6	48.6	73.0	





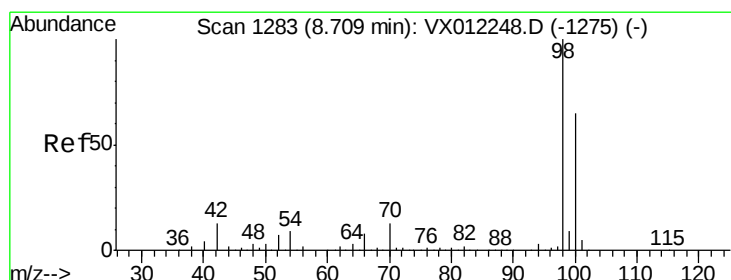
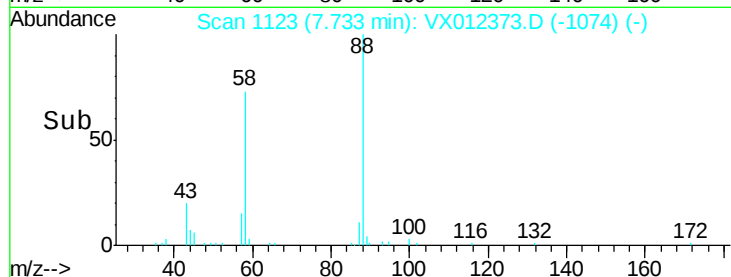
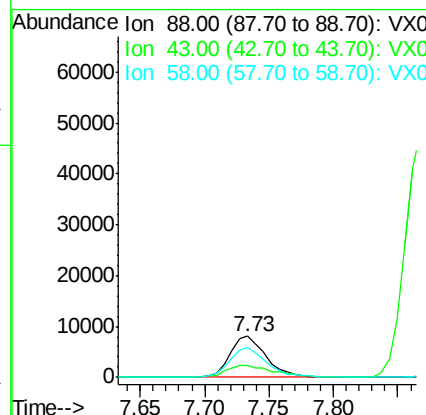
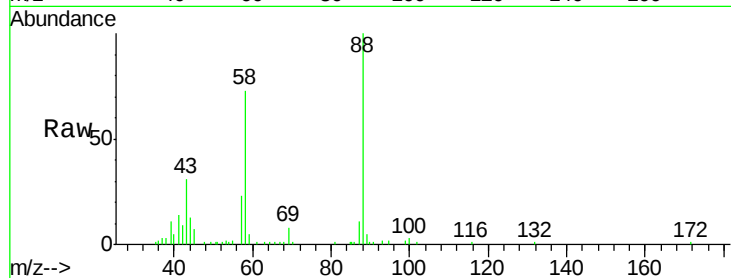
#49
1,4-Dioxane
Concen: 1198.977 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	31.0	46.4
58	75.3	61.5	92.3

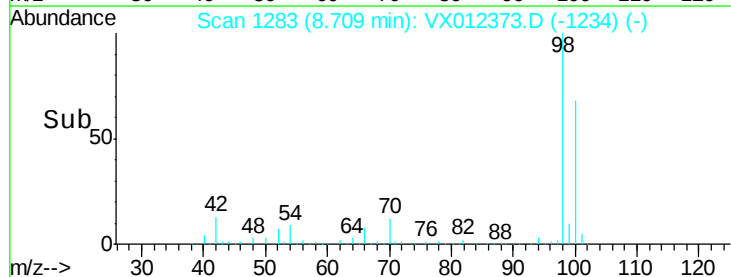
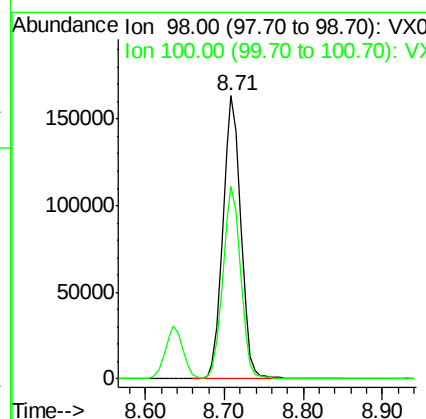
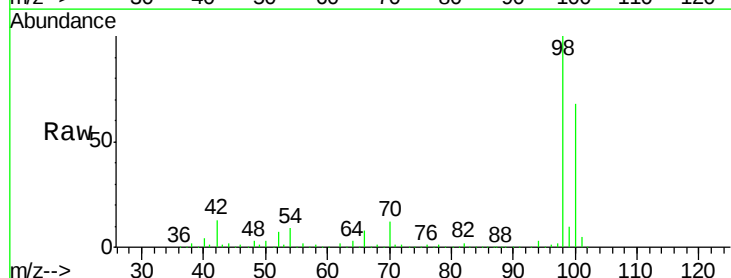
Manual Integrations
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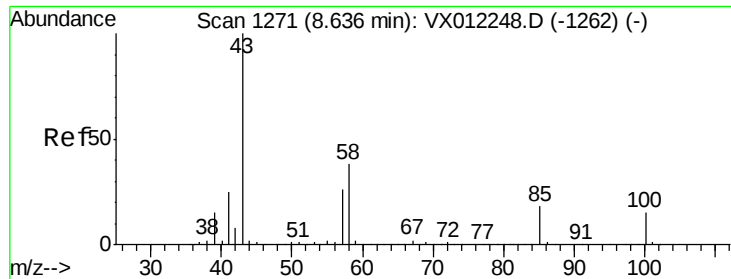
MMDadoda
9/13/2019 10:11:44 AM



#50
Toluene-d8
Concen: 53.452 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	54.1	81.1





#51

4-Methyl-2-Pentanone

Concen: 284.696 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 308075

Ion Ratio Lower Upper

43 100

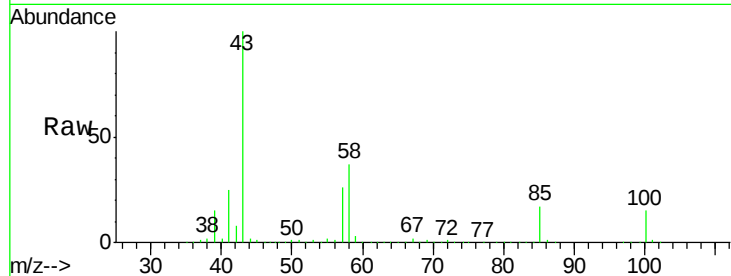
58 37.1 30.1 45.1

Manual Integrations

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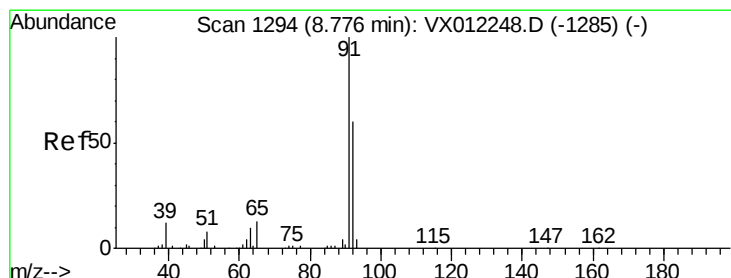
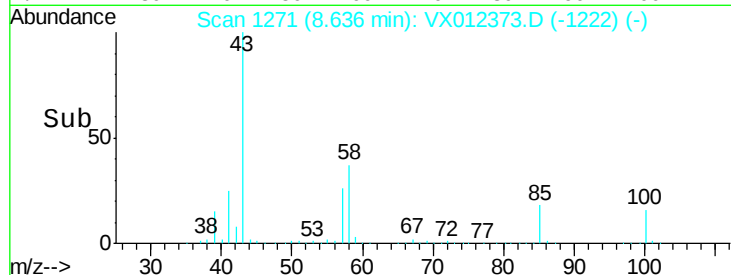
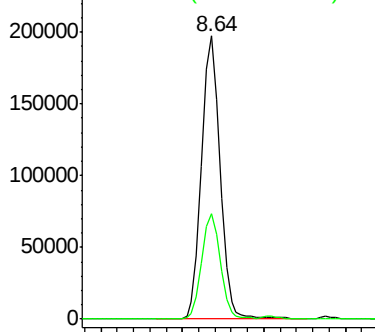
MMDadoda

9/13/2019 10:11:44 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.566 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012373.D

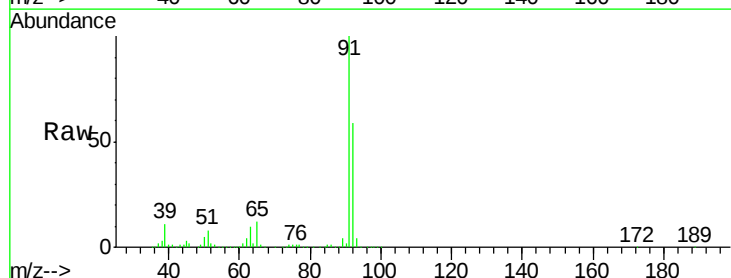
Acq: 13 Sep 2019 03:15

Tgt Ion: 92 Resp: 152741

Ion Ratio Lower Upper

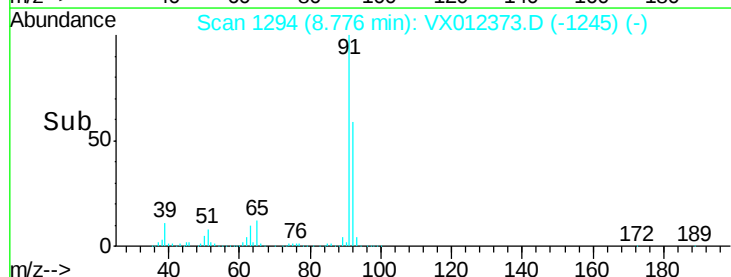
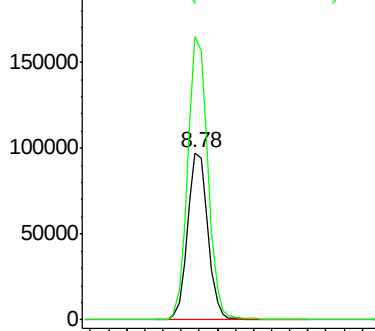
92 100

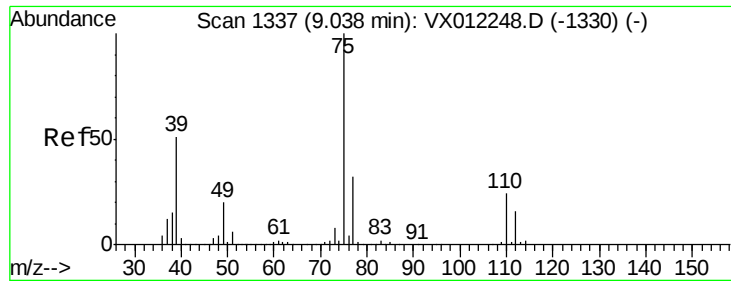
91 168.9 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





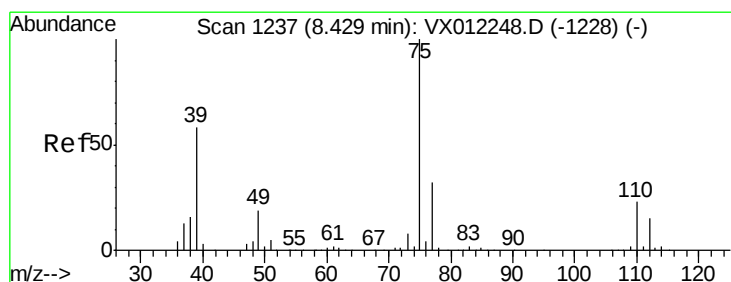
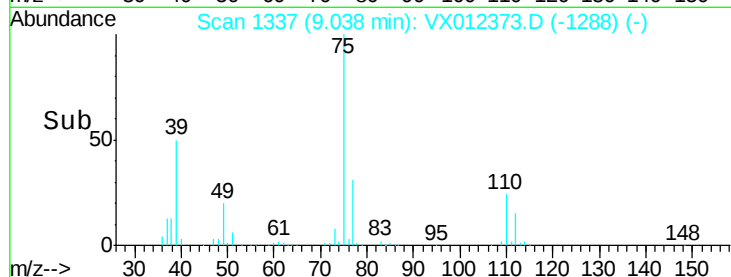
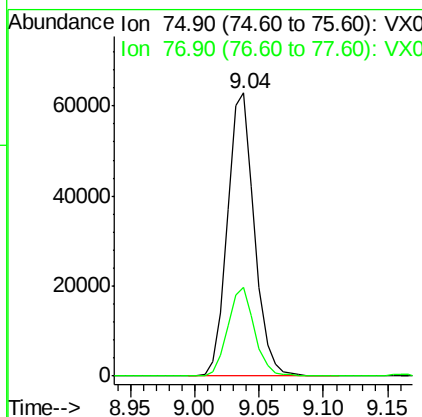
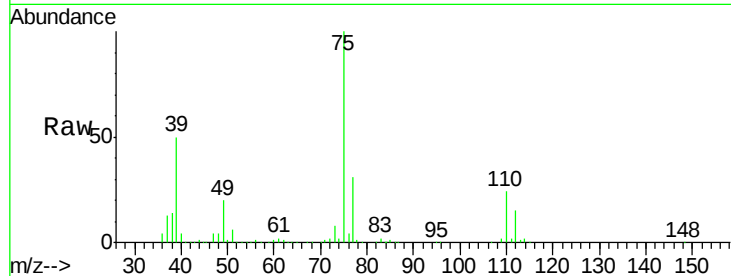
#53
t-1,3-Dichloropropene
Concen: 46.992 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 92198
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6

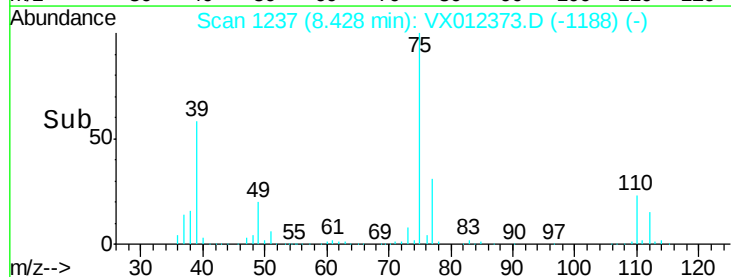
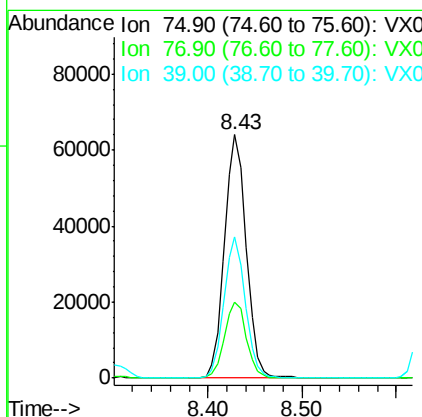
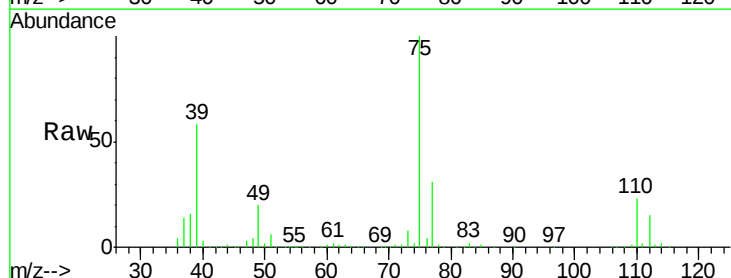
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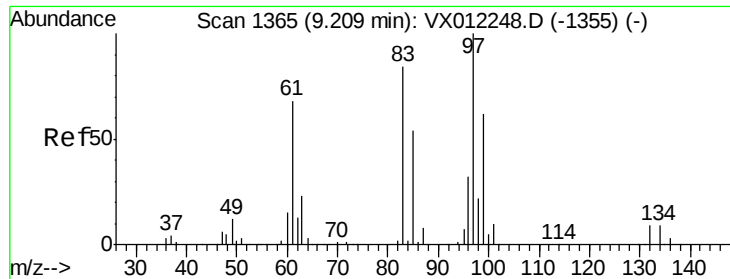
MMDadoda
9/13/2019 10:11:44 AM



#54
cis-1,3-Dichloropropene
Concen: 47.238 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 75 Resp: 102772
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 57.6 46.5 69.7





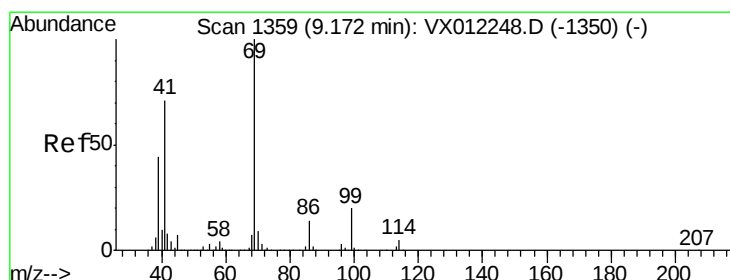
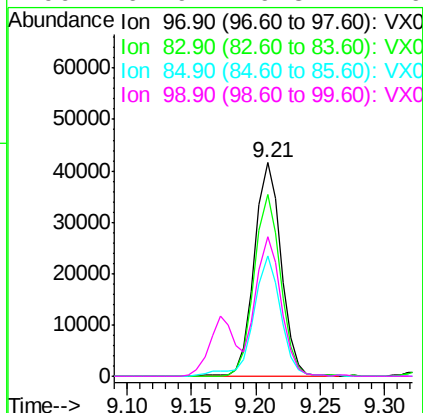
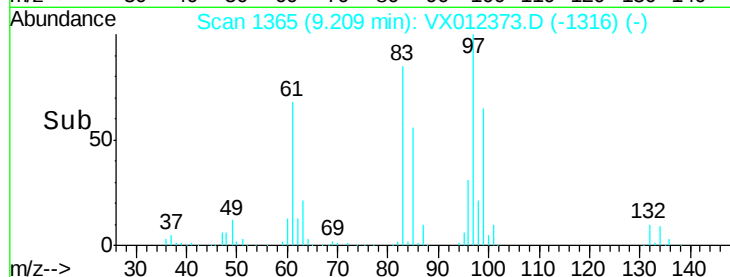
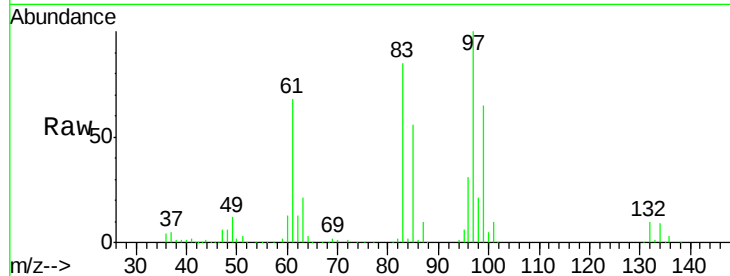
#55
 1,1,2-Trichloroethane
 Concen: 53.601 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	59816
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.4	101.2
85	56.3	43.4	65.2
99	64.9	49.8	74.6

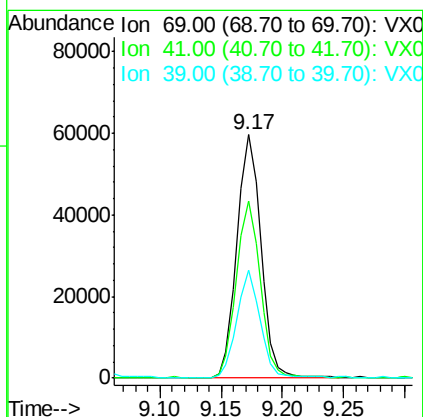
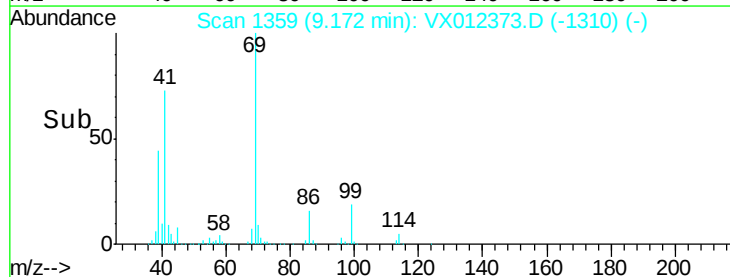
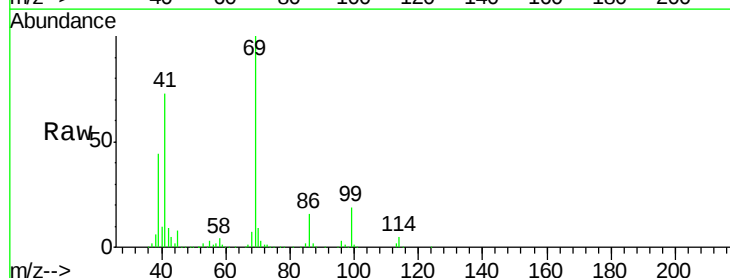
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 53.930 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion:	69	Resp:	81486
Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.7	86.5
39	42.2	34.0	51.0





#57

1,3-Dichloropropane

Concen: 53.233 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 101460

Ion Ratio Lower Upper

76 100

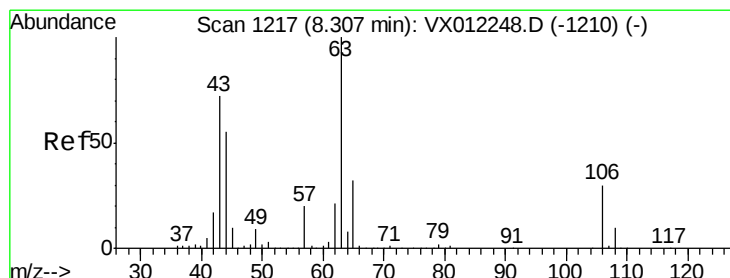
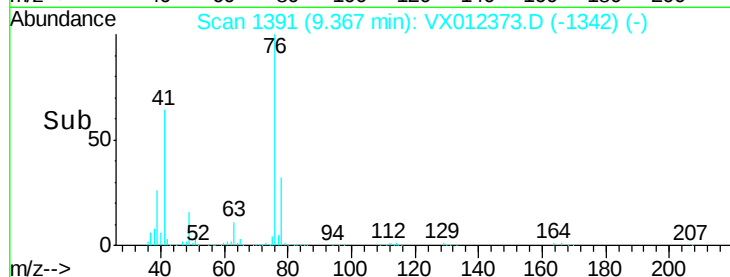
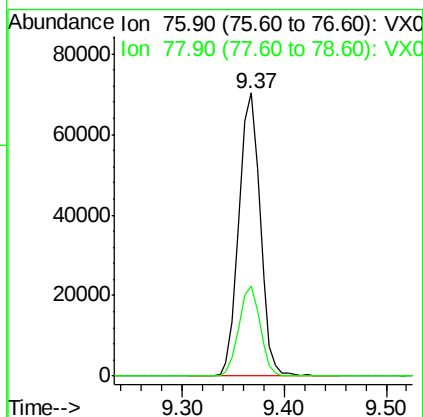
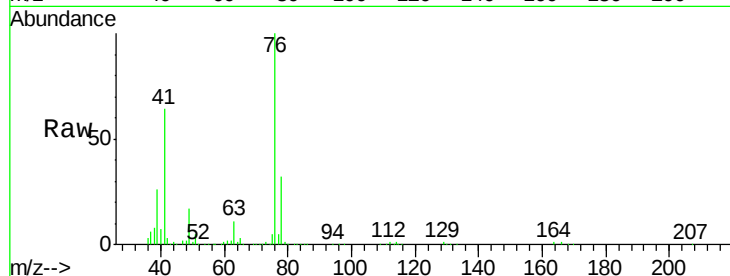
78 31.7 26.0 39.0

Manual Integrations

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MMDadoda

9/13/2019 10:11:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 269.293 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012373.D

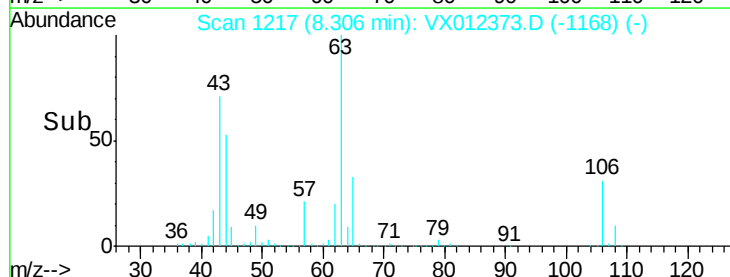
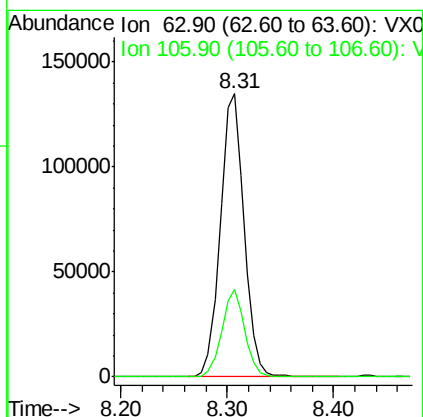
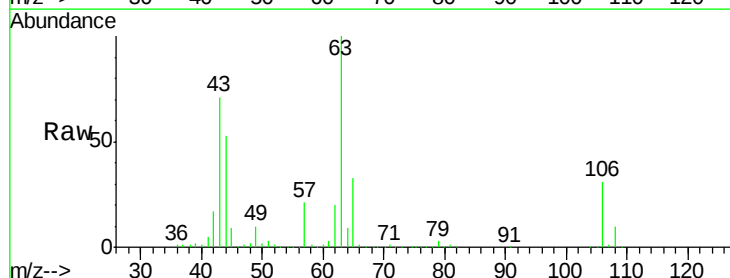
Acq: 13 Sep 2019 03:15

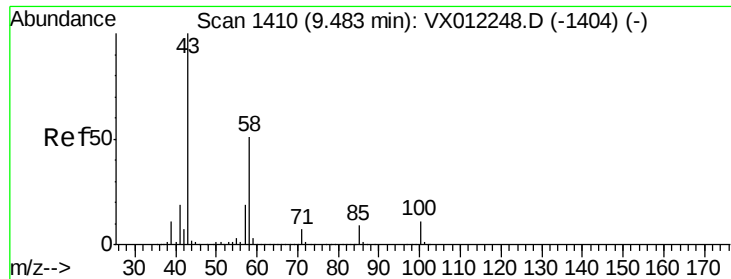
Tgt Ion: 63 Resp: 208545

Ion Ratio Lower Upper

63 100

106 30.2 23.4 35.2





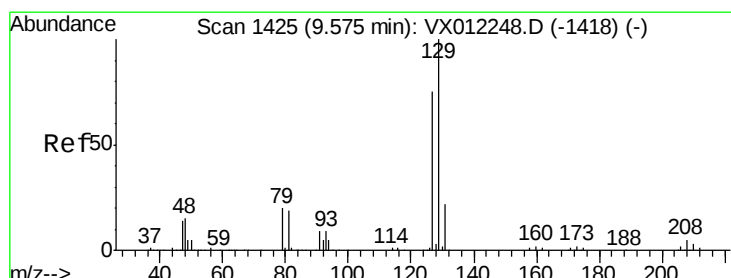
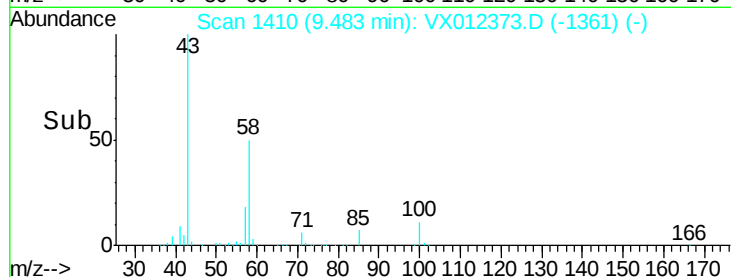
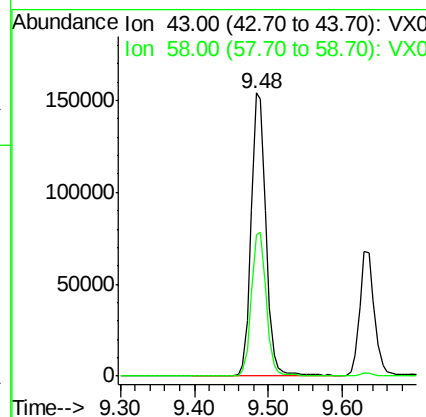
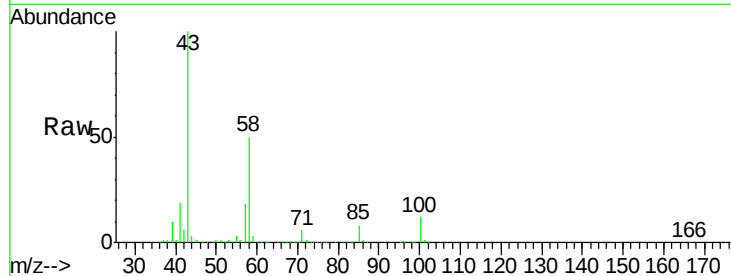
#59
2-Hexanone
Concen: 285.736 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 214989
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.3

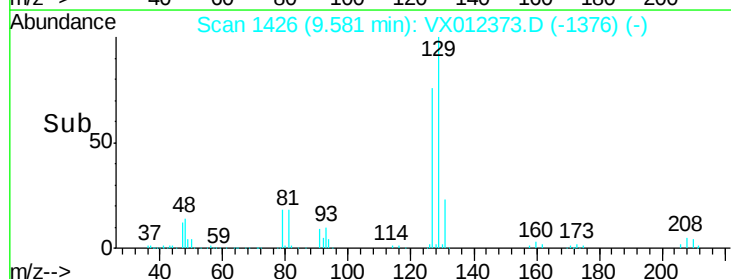
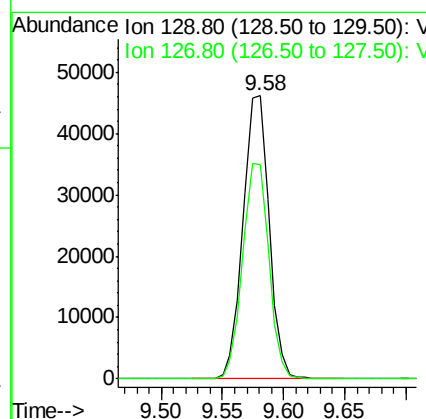
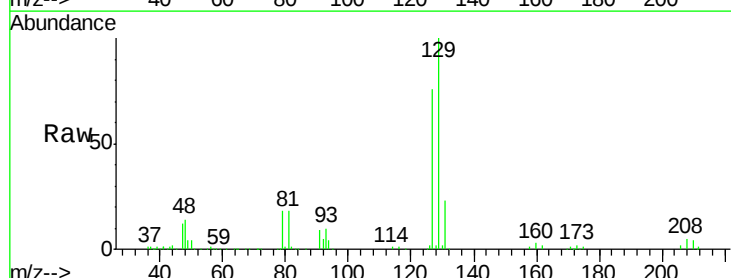
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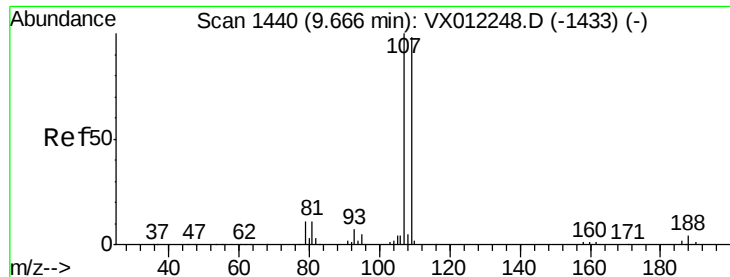
MMDadoda
9/13/2019 10:11:44 AM



#60
Dibromochloromethane
Concen: 52.487 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 129 Resp: 68379
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





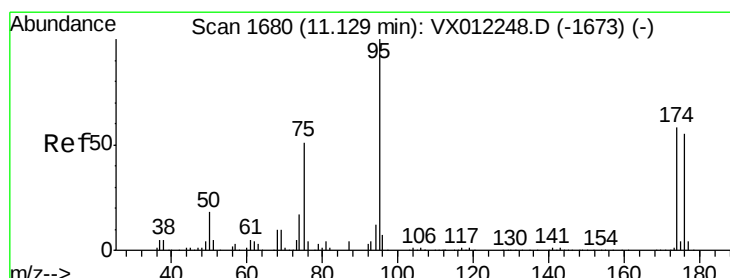
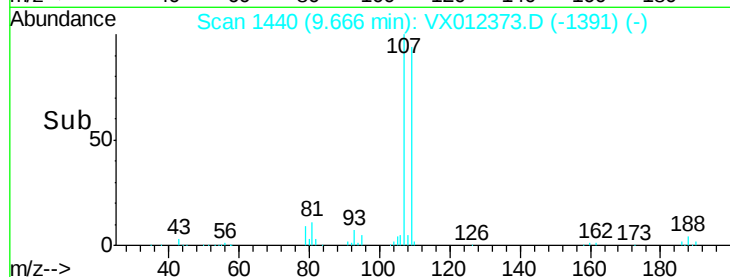
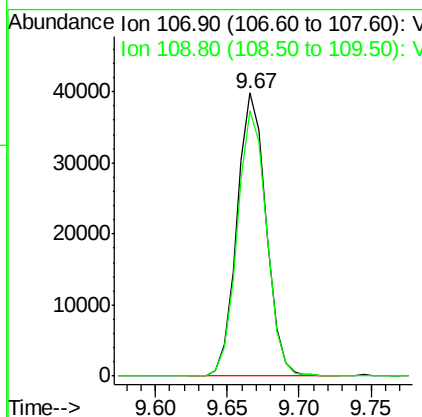
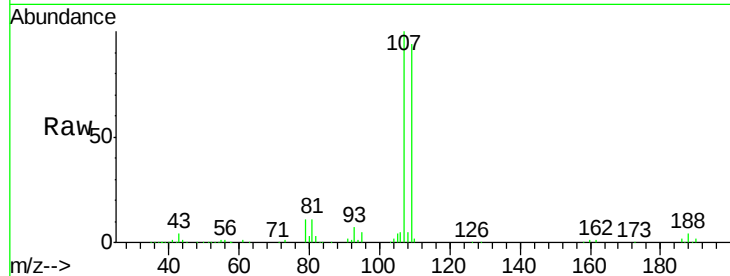
#61
 1,2-Dibromoethane
 Concen: 54.068 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.3	114.5

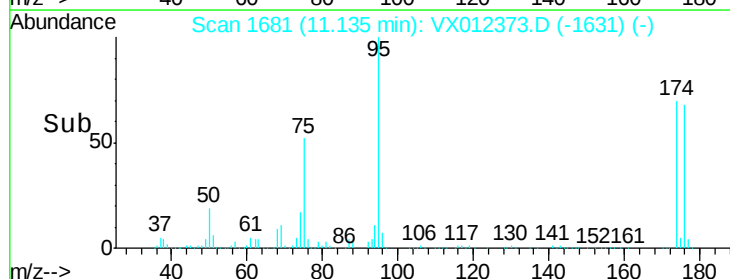
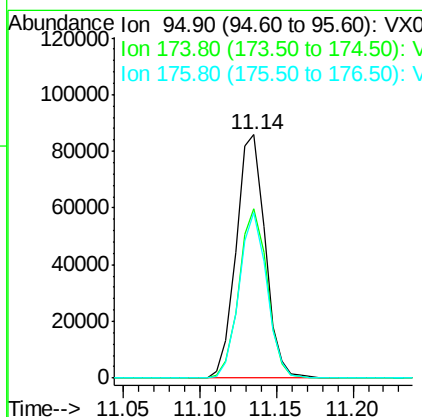
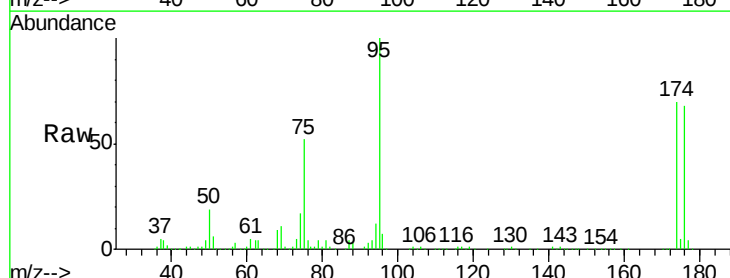
Manual Integrations
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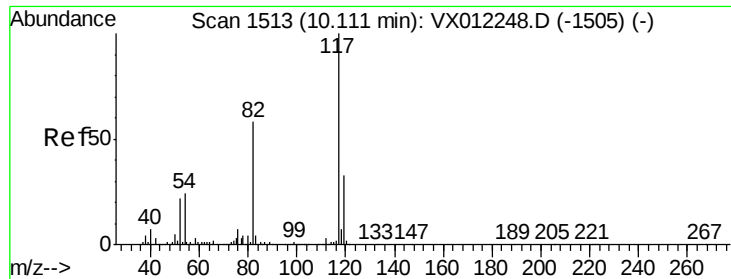
MMDadoda
 9/13/2019 10:11:44 AM



#62
 4-Bromofluorobenzene
 Concen: 50.163 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	127.0
176	65.8	0.0	125.8





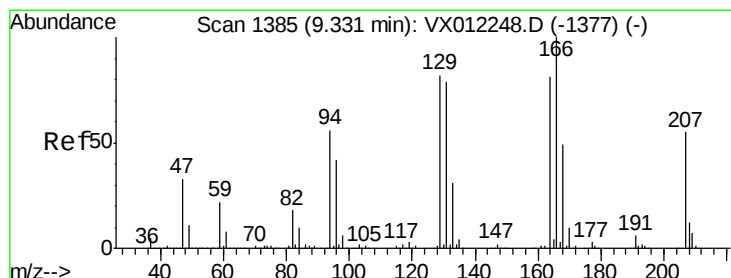
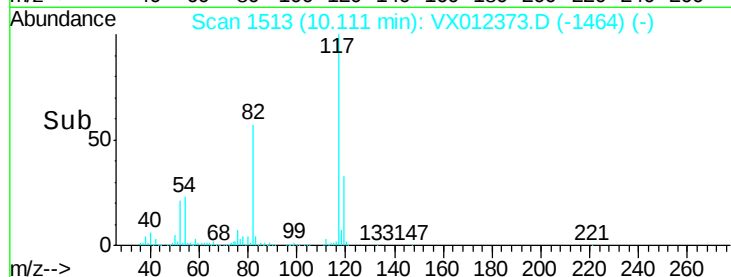
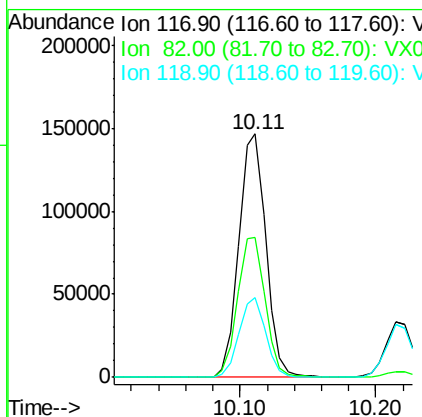
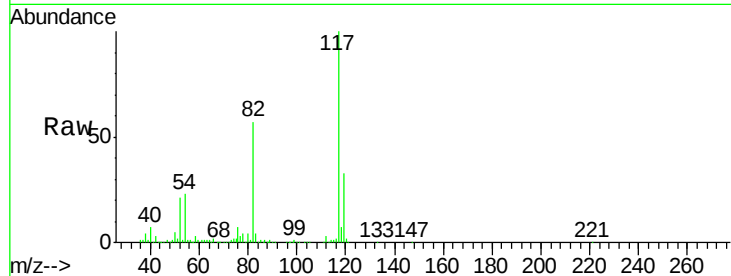
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.4	69.6
119	32.7	26.6	39.8

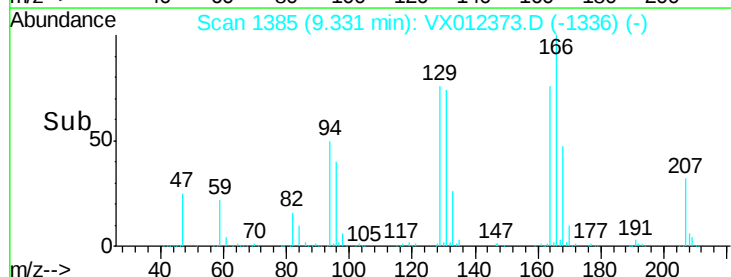
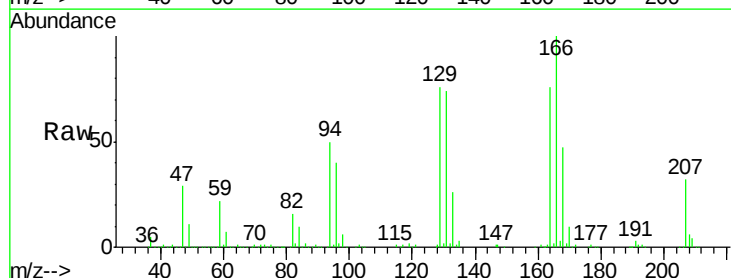
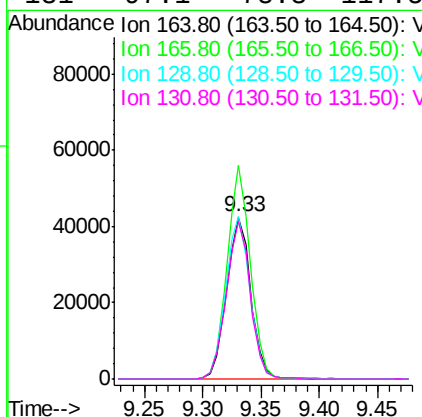
Manual Integrations
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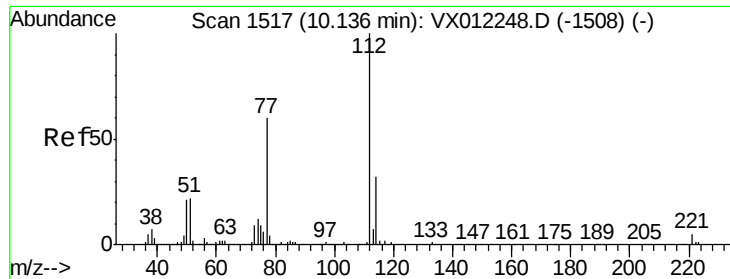
MMDadoda
9/13/2019 10:11:44 AM



#64
Tetrachloroethene
Concen: 56.819 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	99.4	149.0
129	100.2	81.8	122.8
131	97.1	78.3	117.5





#65

Chlorobenzene

Concen: 47.900 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:112 Resp: 178624

Ion Ratio Lower Upper

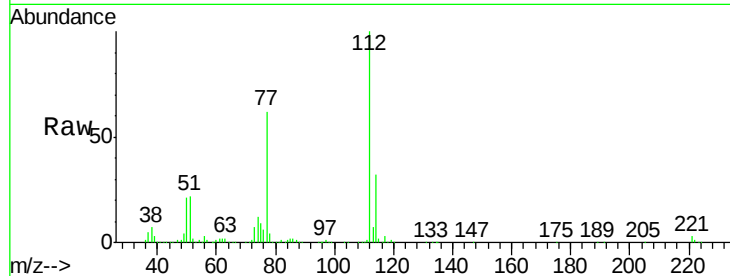
112 100

114 32.4 25.4 38.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

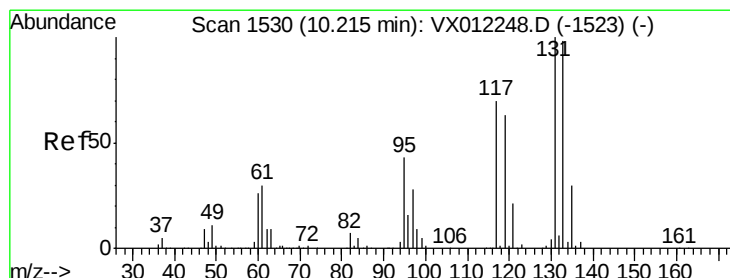
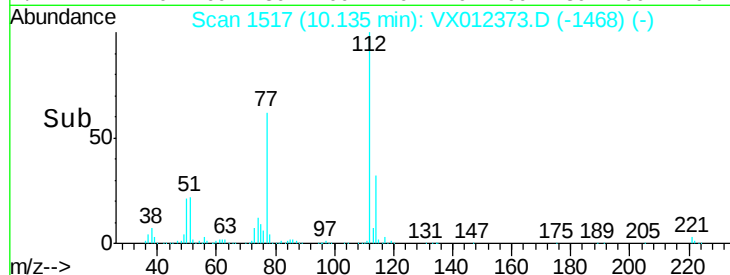
100000

50000

0

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.794 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

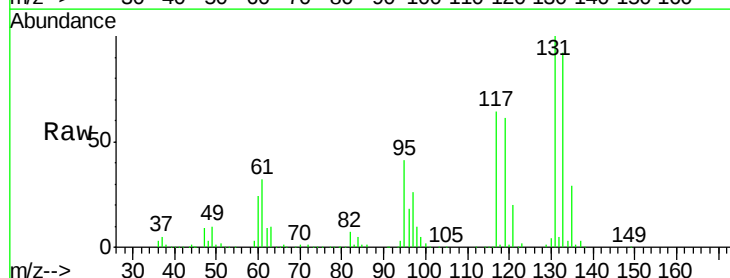
Tgt Ion:131 Resp: 71404

Ion Ratio Lower Upper

131 100

133 93.9 48.0 144.2

119 61.6 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

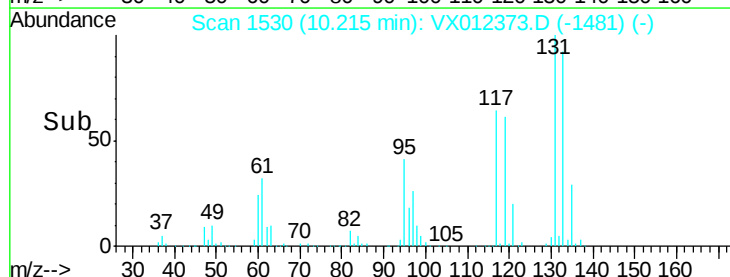
40000

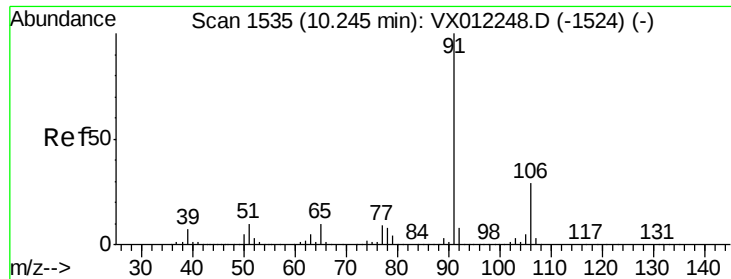
20000

0

10.15 10.20 10.25 10.30

Time-->





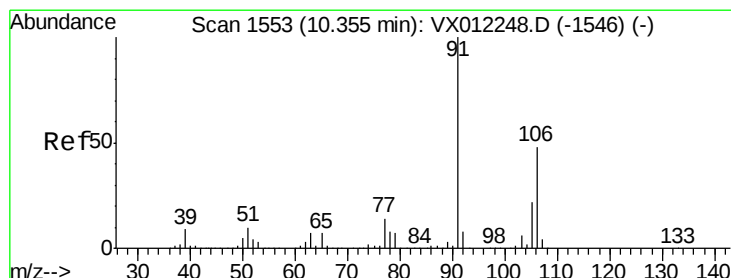
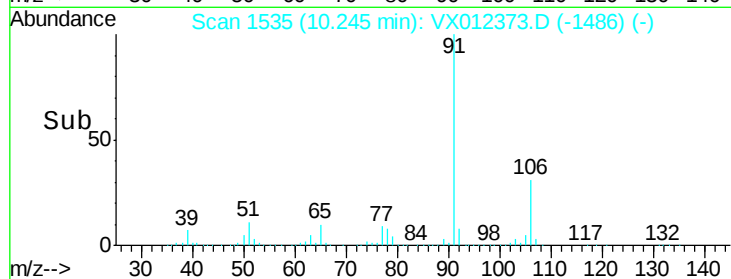
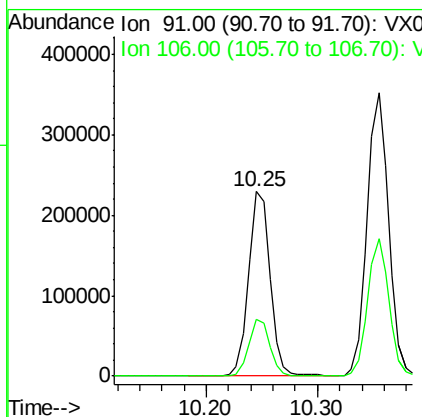
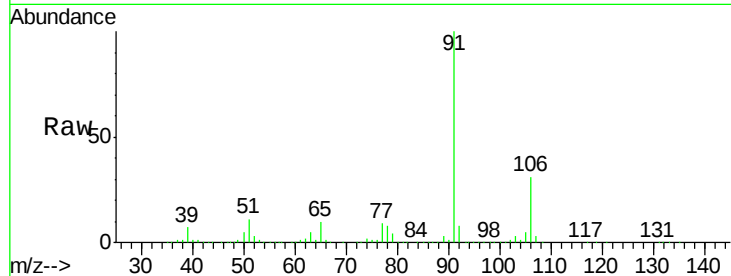
#67
Ethyl Benzene
Concen: 46.600 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 309074
Ion Ratio Lower Upper
91 100
106 30.8 23.1 34.7

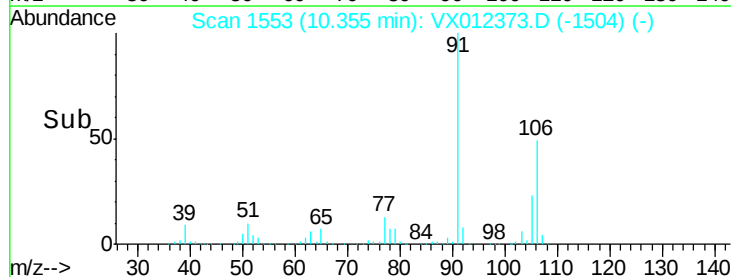
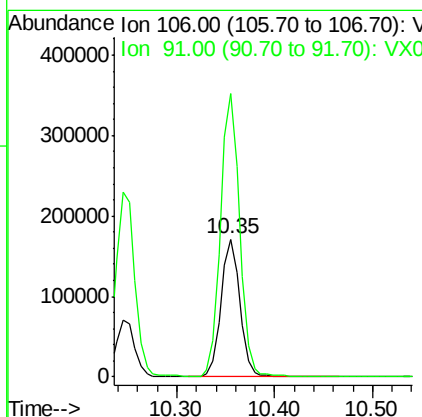
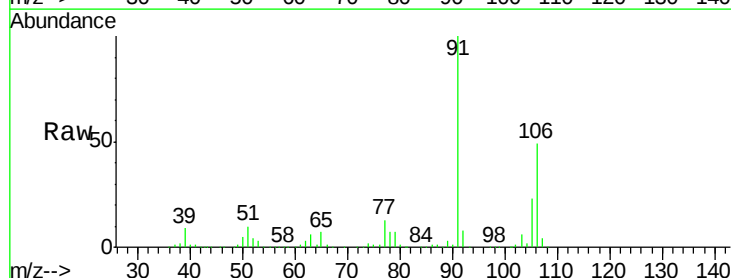
Manual Integrations
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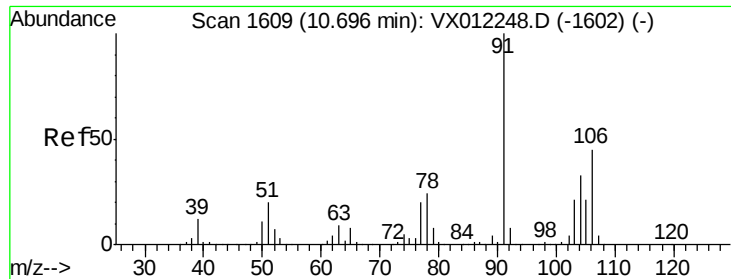
MMDadoda
9/13/2019 10:11:44 AM



#68
m/p-Xylenes
Concen: 94.192 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 106 Resp: 229970
Ion Ratio Lower Upper
106 100
91 207.8 167.0 250.6





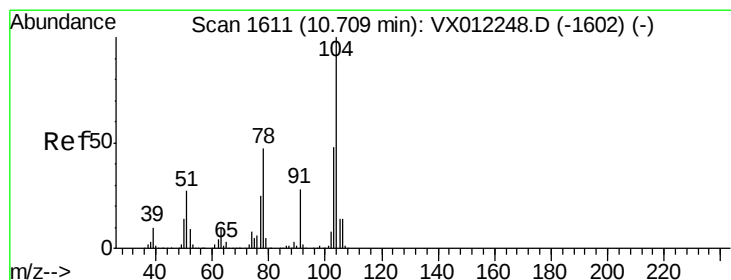
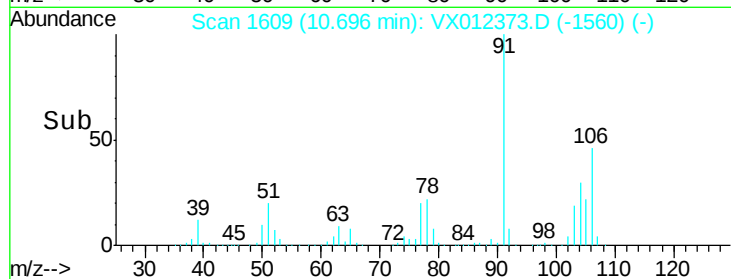
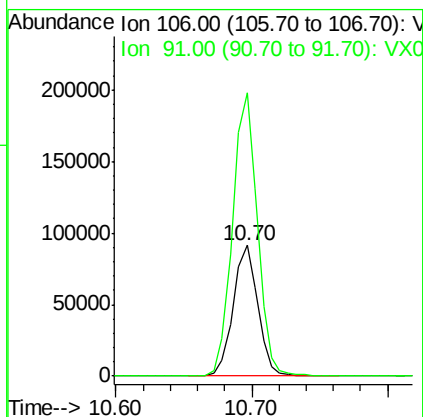
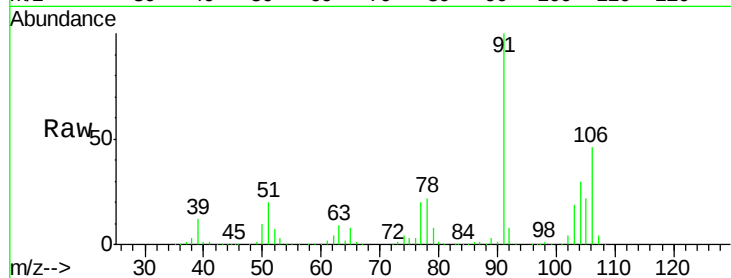
#69
o-Xylene
Concen: 48.066 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 114960
Ion Ratio Lower Upper
106 100
91 217.9 110.5 331.4

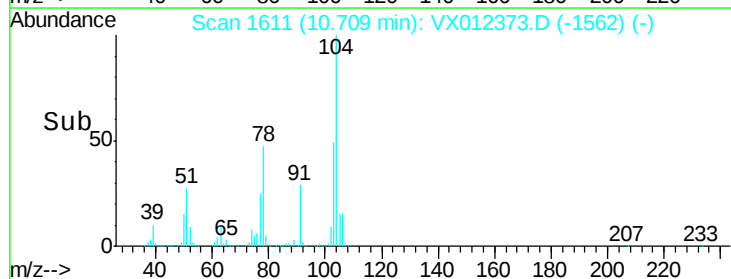
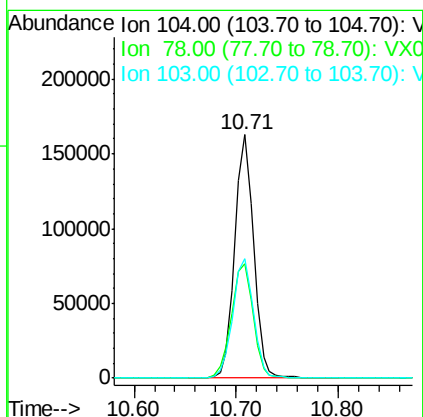
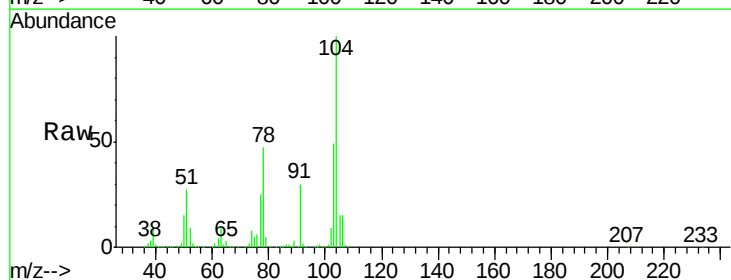
Manual Integrations
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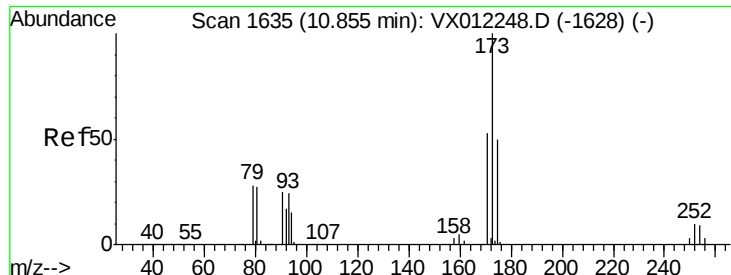
MMDadoda
9/13/2019 10:11:44 AM



#70
Styrene
Concen: 48.926 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion:104 Resp: 207529
Ion Ratio Lower Upper
104 100
78 54.1 44.2 66.2
103 53.6 42.5 63.7





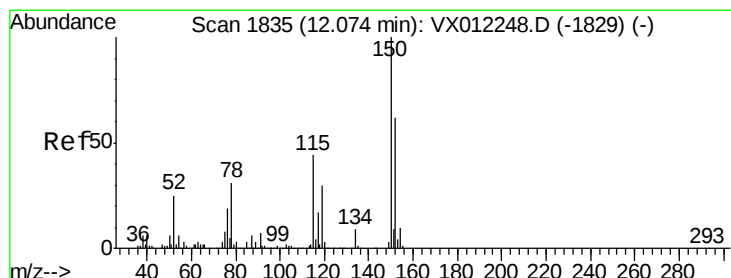
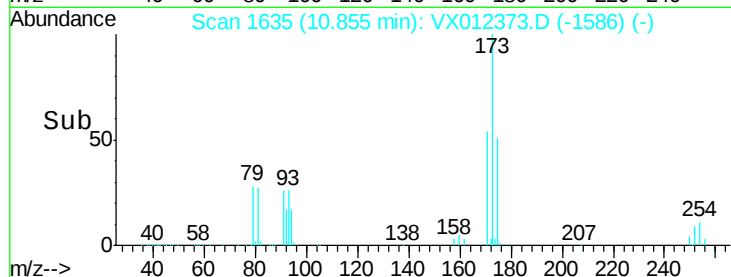
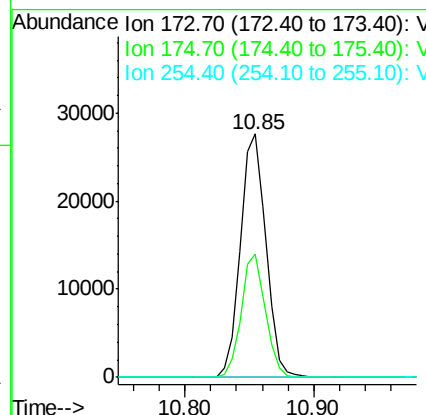
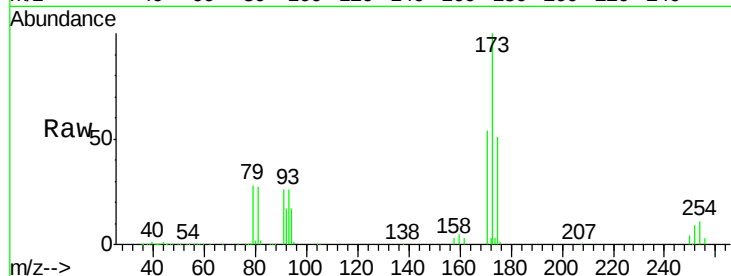
#71
Bromoform
Concen: 51.995 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.5	73.5
254	0.0	0.2	0.4

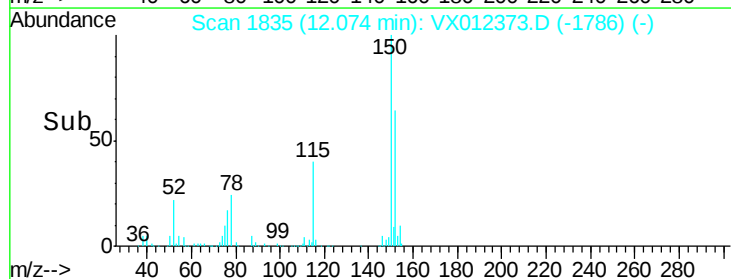
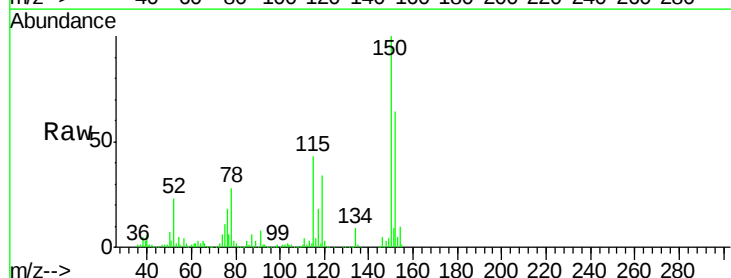
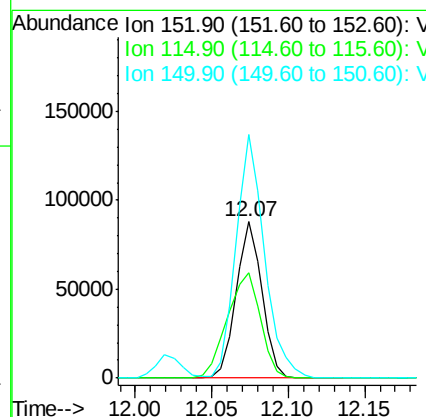
Manual Integrations
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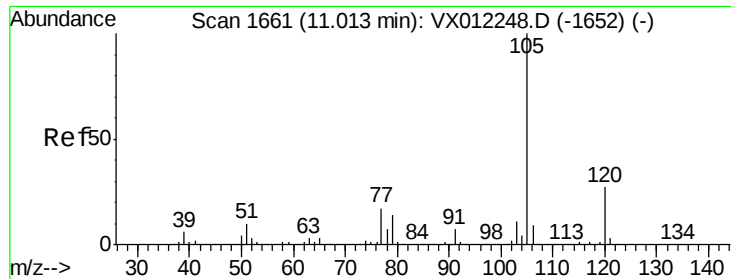
MMDadoda
9/13/2019 10:11:44 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	87.3	45.5	136.4
150	172.5	0.0	346.4





#73

Isopropylbenzene

Concen: 45.049 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 304273

Ion Ratio Lower Upper

105 100

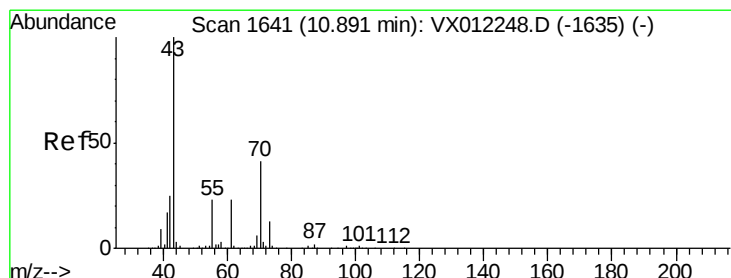
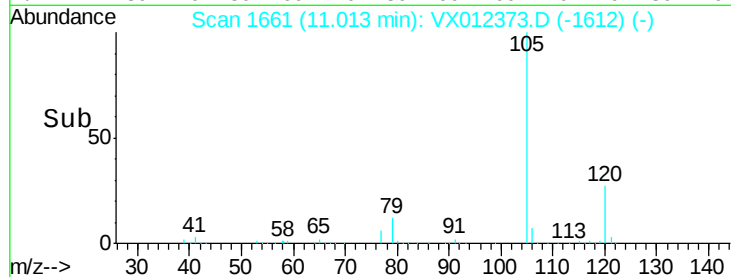
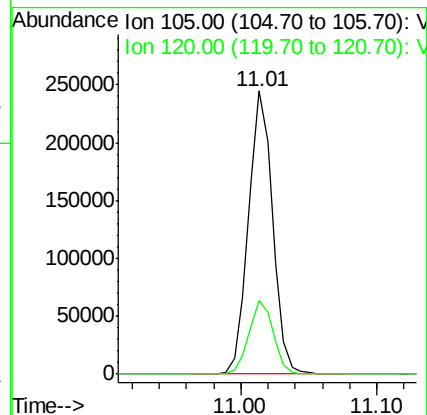
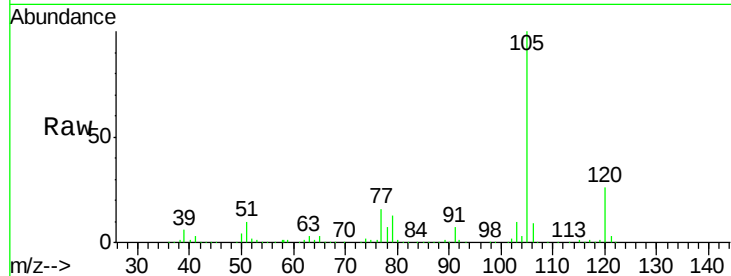
120 26.2 13.2 39.5

Manual Integrations

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9/13/2019 10:11:44 AM



#74

N-ethyl acetate

Concen: 48.602 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion: 43 Resp: 97606

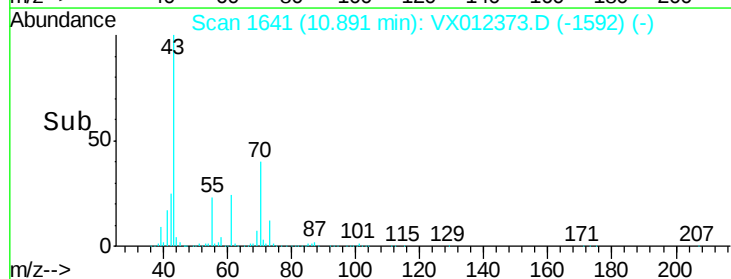
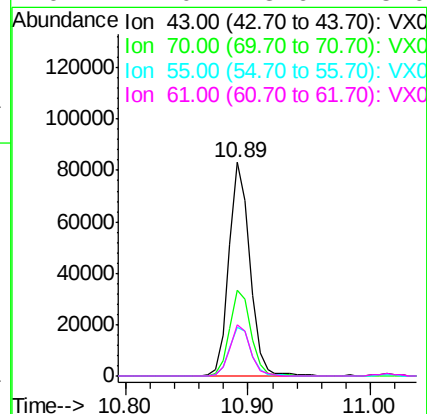
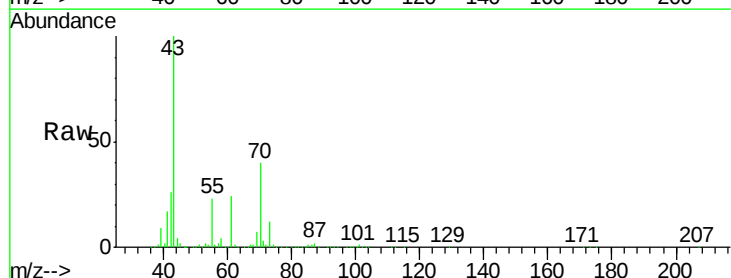
Ion Ratio Lower Upper

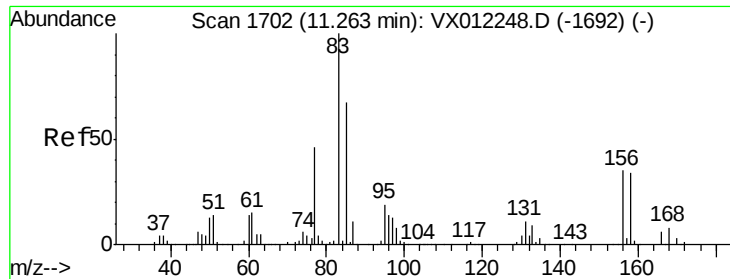
43 100

70 41.5 32.9 49.3

55 23.9 19.1 28.7

61 24.0 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.078 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

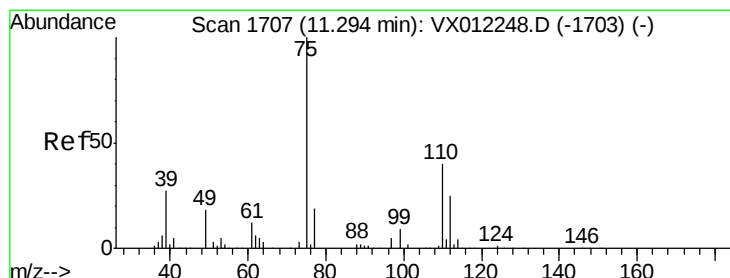
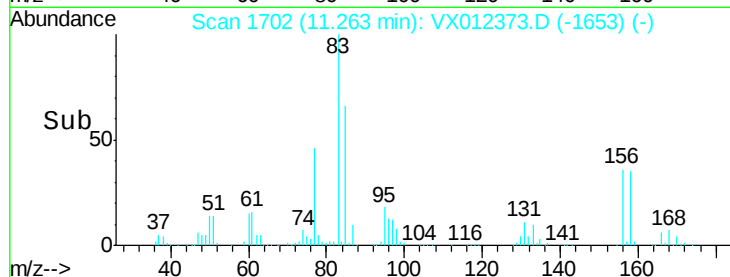
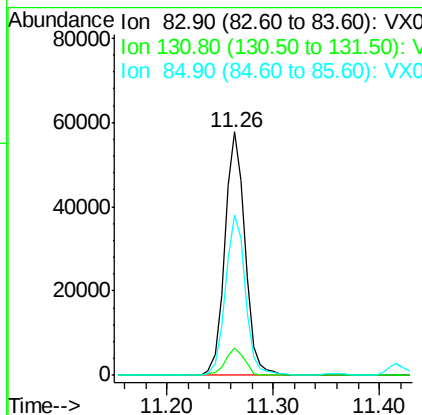
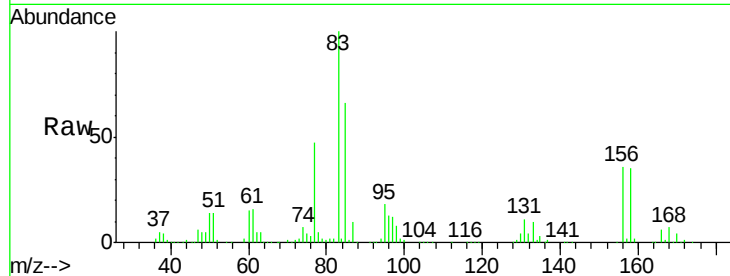
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	76994
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	65.2	32.8	98.4

Manual Integrations
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9/13/2019 10:11:44 AM



#76

1,2,3-Trichloropropane

Concen: 50.657 ug/l m

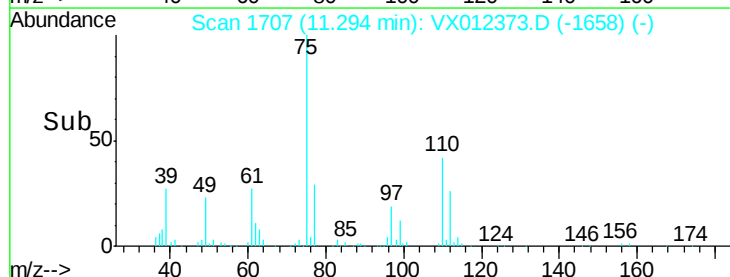
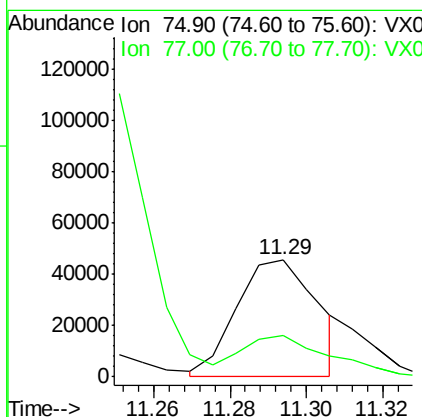
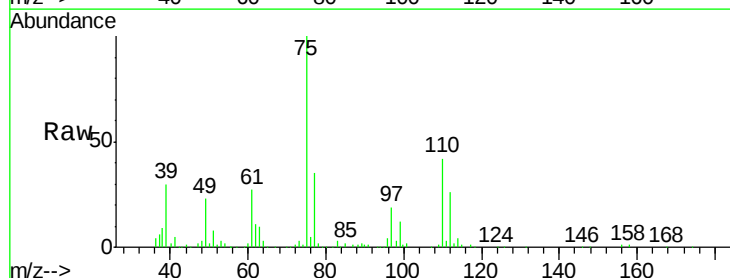
RT: 11.29 min Scan# 1707

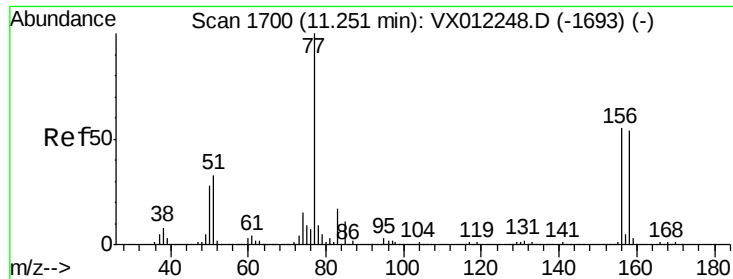
Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion:	75	Resp:	66766
Ion Ratio	Lower	Upper	
75	100		
77	38.9	19.7	59.0





#77

Bromobenzene

Concen: 50.453 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

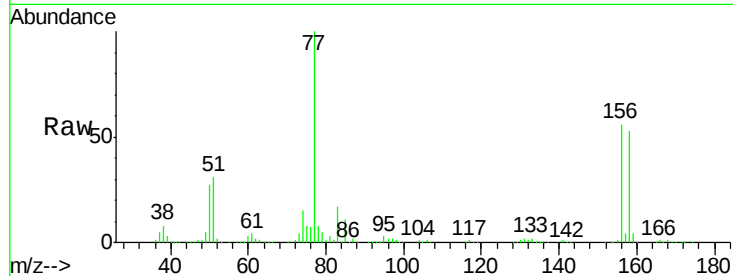
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	78457
Ion Ratio	Lower	Upper	
156	100		
77	178.8	92.2	276.6
158	95.7	48.8	146.3

Manual Integrations
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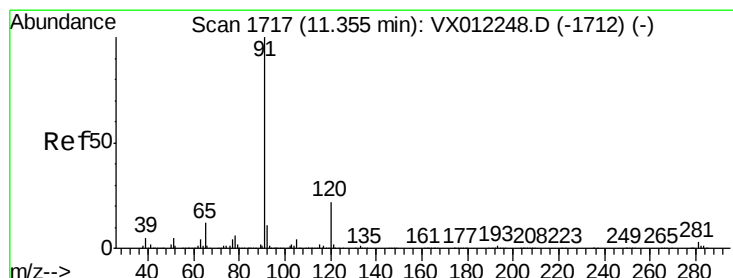
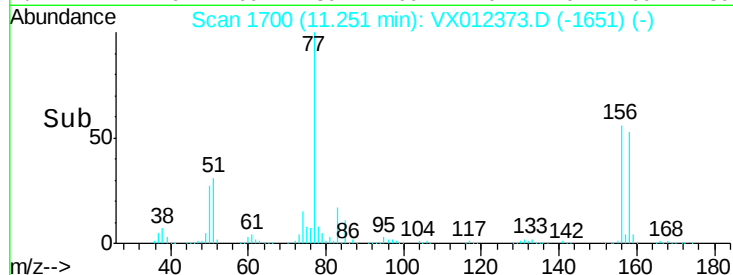
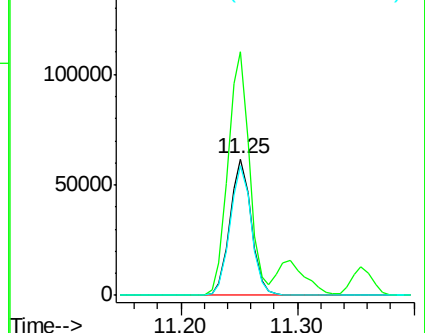
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.337 ug/l

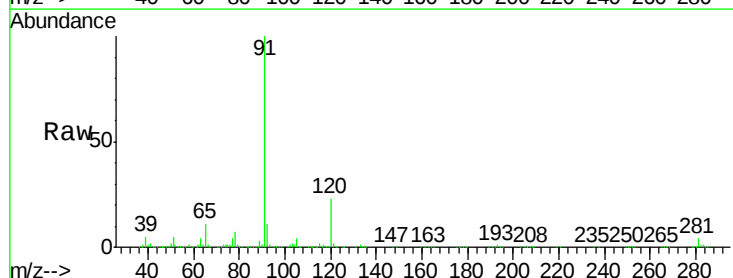
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012373.D

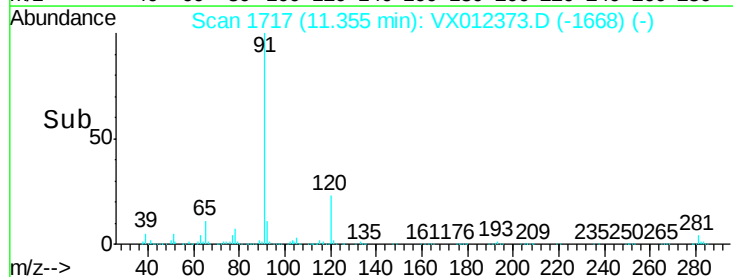
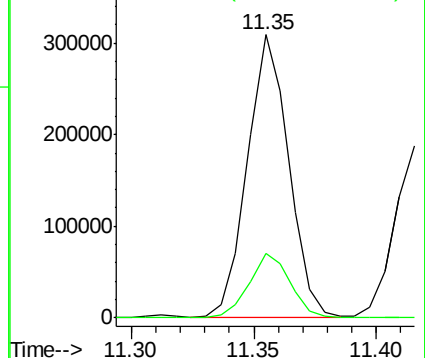
Acq: 13 Sep 2019 03:15

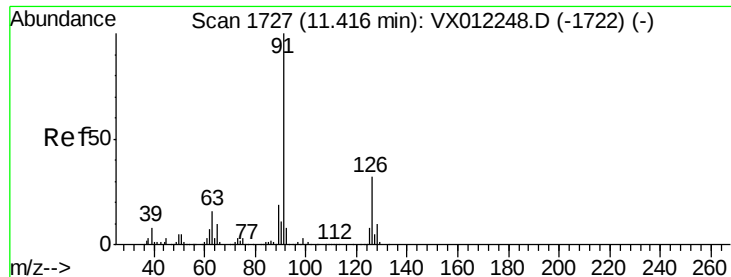
Tgt Ion:	91	Resp:	361633
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.2	33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.687 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 230873

Ion Ratio Lower Upper

91 100

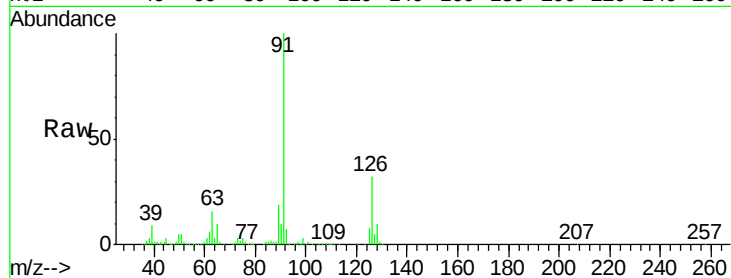
126 32.7 15.9 47.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012248.D (-1722) (-)

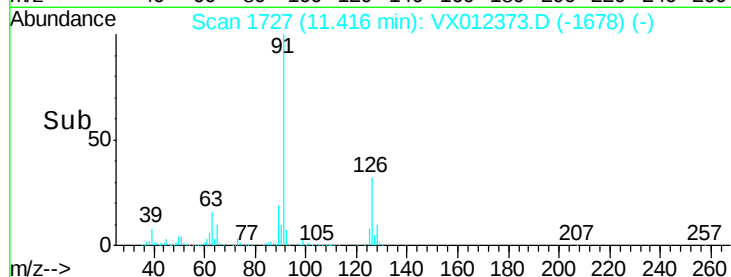
300000

200000

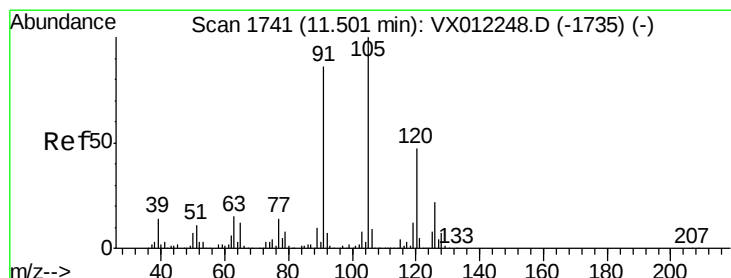
100000

0

11.35 11.40 11.45



Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 45.351 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012373.D

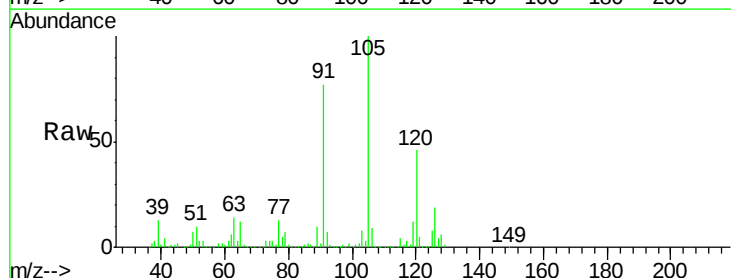
Acq: 13 Sep 2019 03:15

Tgt Ion: 105 Resp: 275466

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VX012248.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012248.D (-1735) (-)

250000

200000

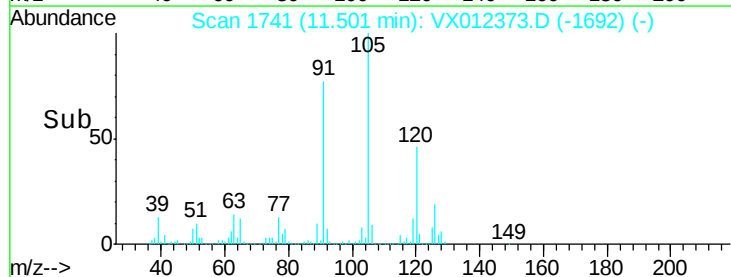
150000

100000

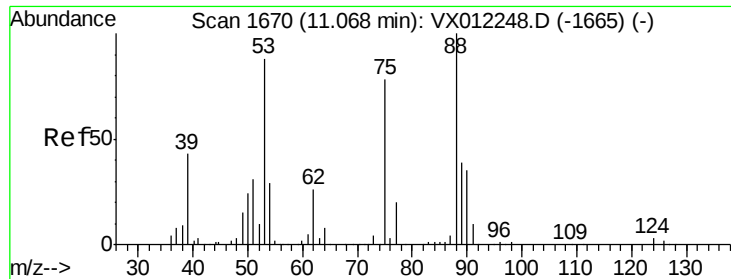
50000

0

11.40 11.50 11.60



Time--> 11.40 11.50 11.60



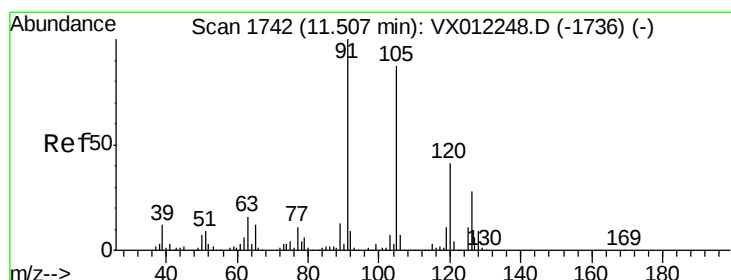
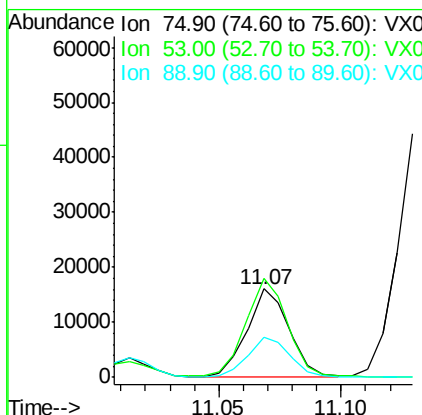
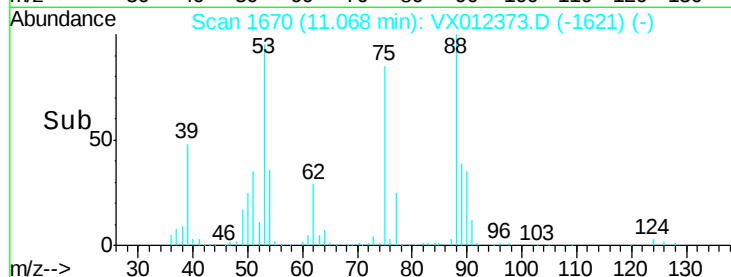
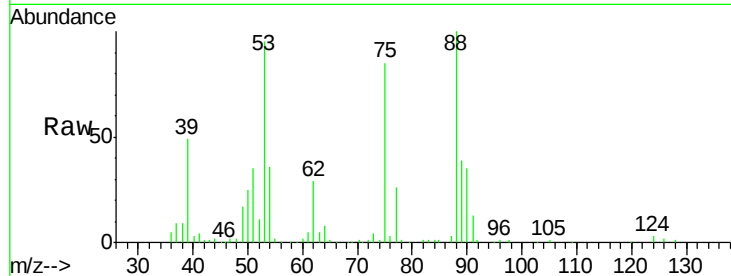
#81
trans-1,4-Dichloro-2-butene
Concen: 43.559 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.2	88.1	132.1
89	47.1	43.5	65.3

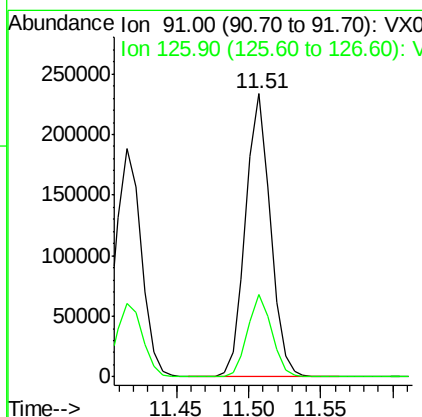
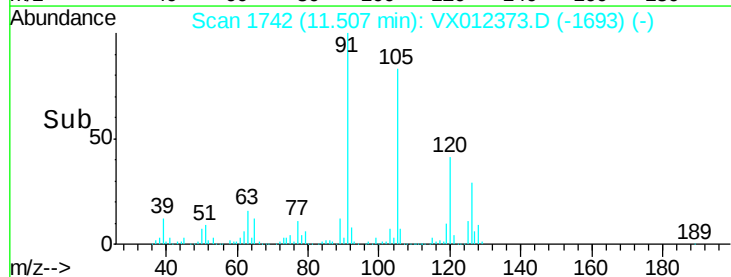
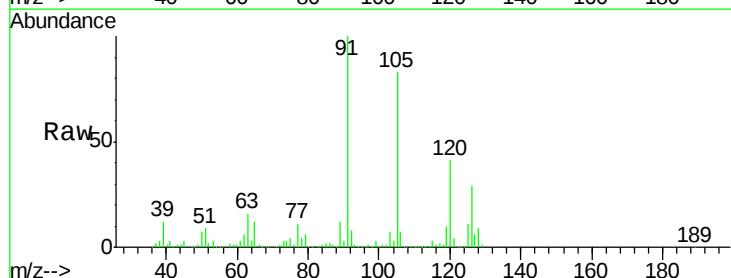
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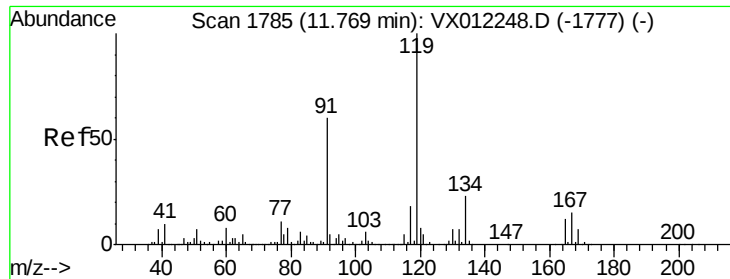
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#82
4-Chlorotoluene
Concen: 45.929 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.0	42.0





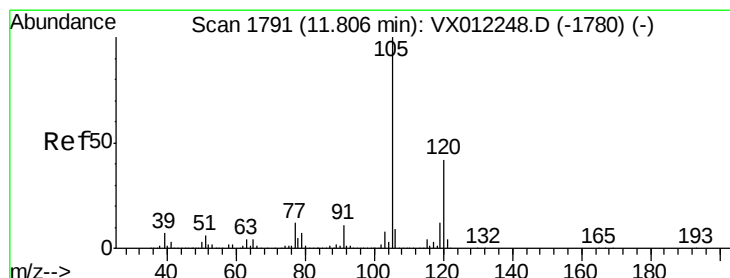
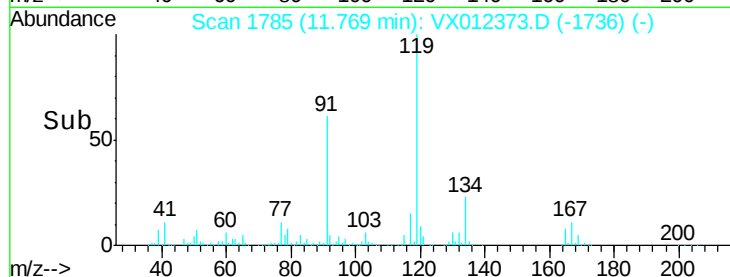
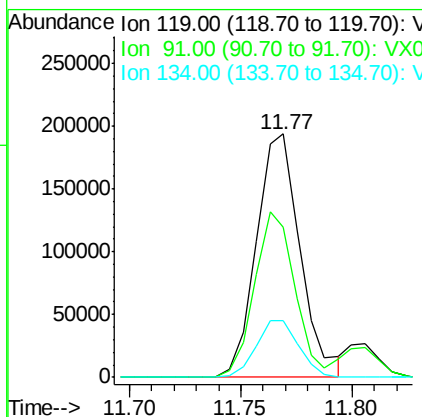
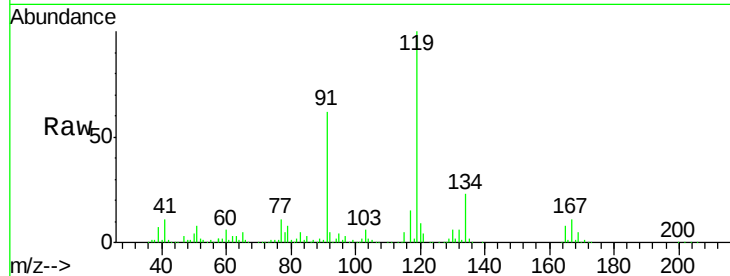
#83
tert-Butylbenzene
Concen: 44.871 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	264649		
91	63.0		30.9	92.8
134	22.9		11.2	33.6

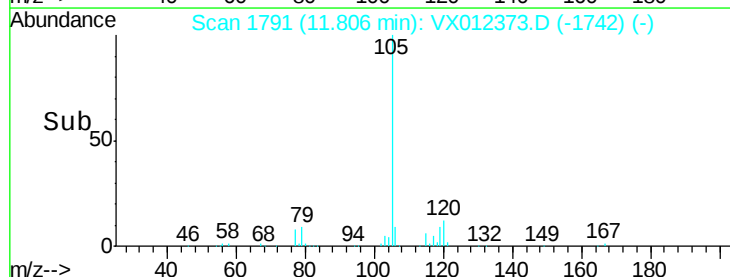
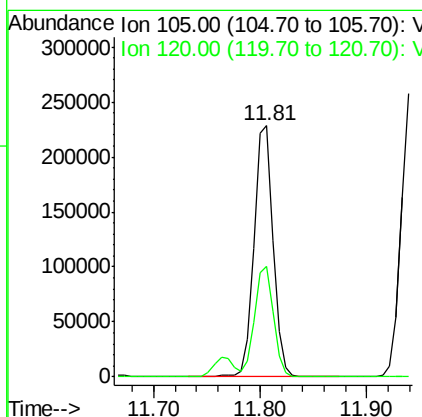
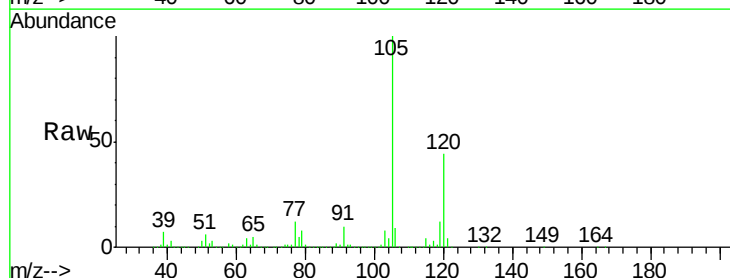
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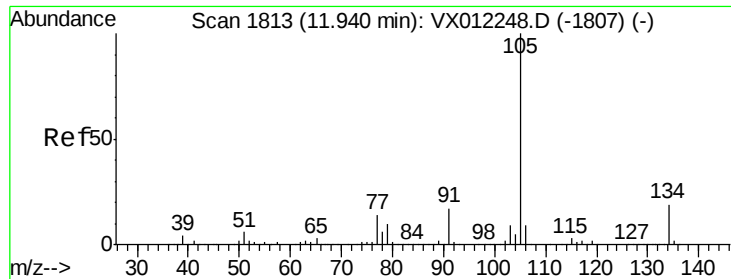
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#84
1,2,4-Trimethylbenzene
Concen: 45.984 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288735		
120	43.5		21.3	63.9





#85

sec-Butylbenzene

Concen: 44.559 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 313573

Ion Ratio Lower Upper

105 100

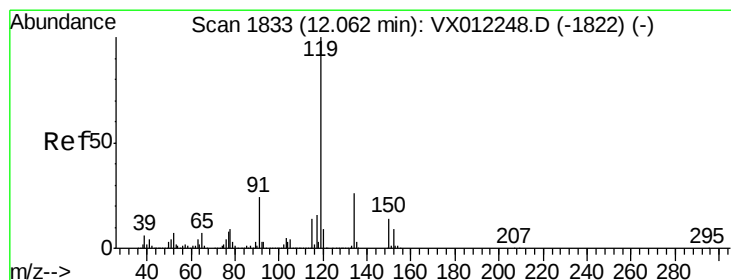
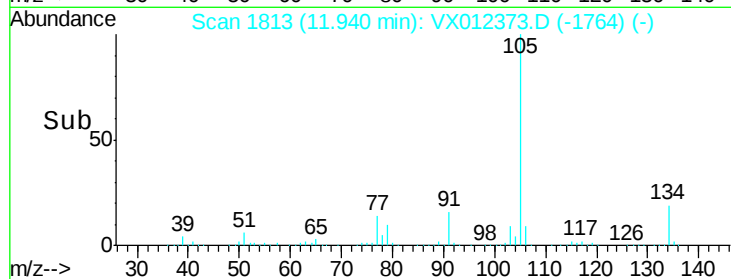
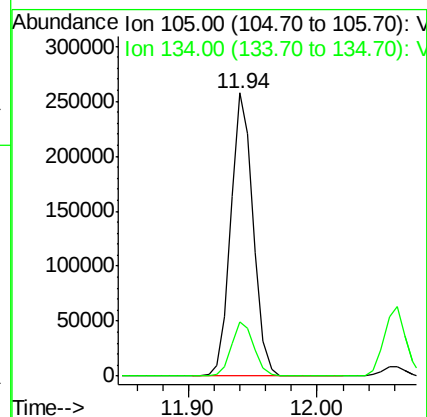
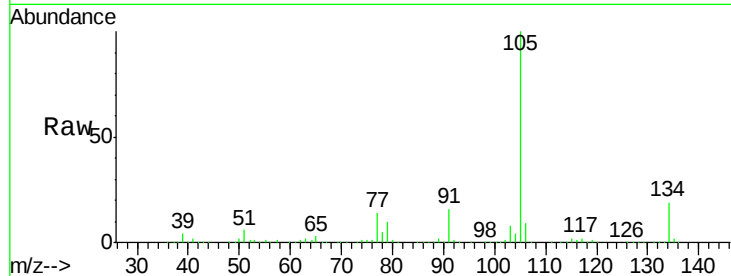
134 19.5 9.9 29.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 43.941 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

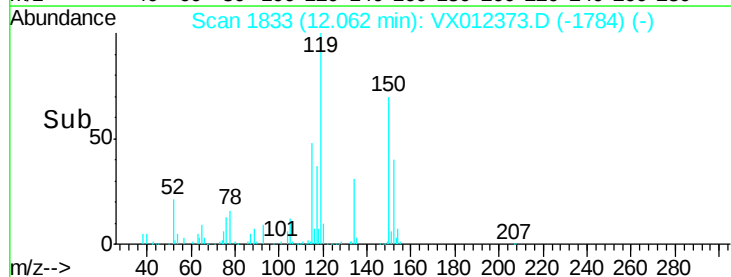
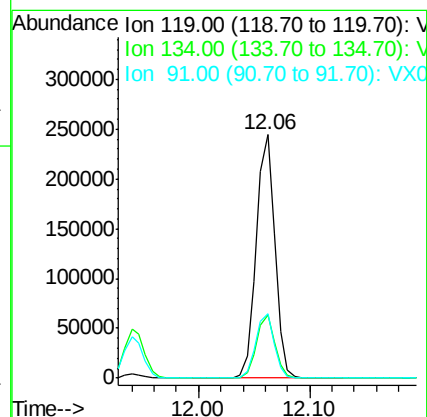
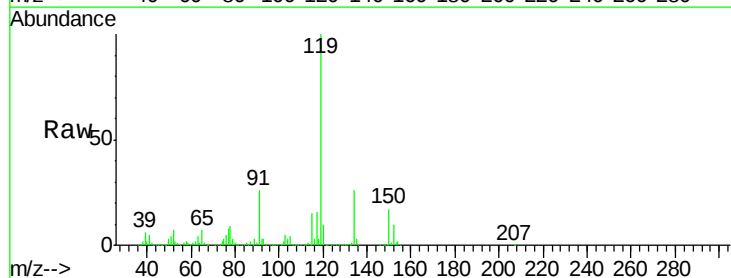
Tgt Ion:119 Resp: 285716

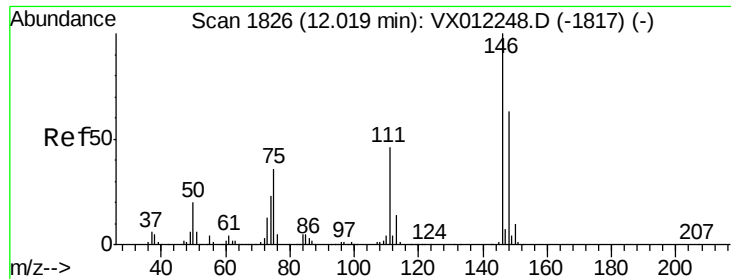
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 26.1 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 48.391 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

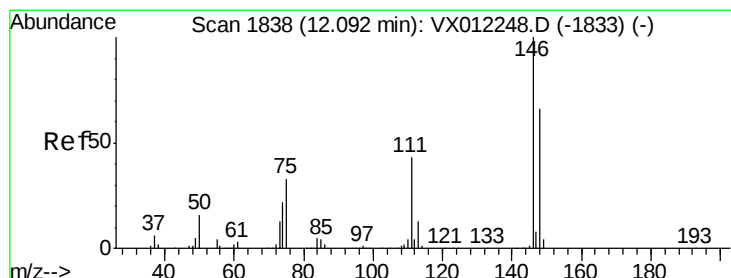
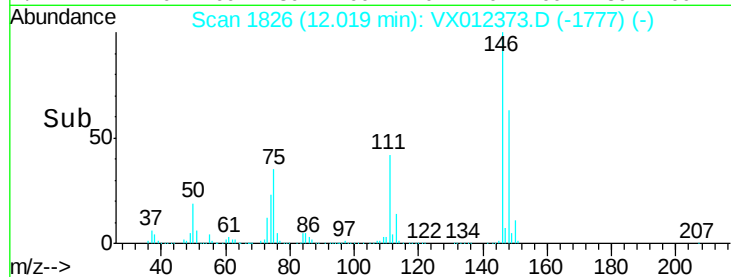
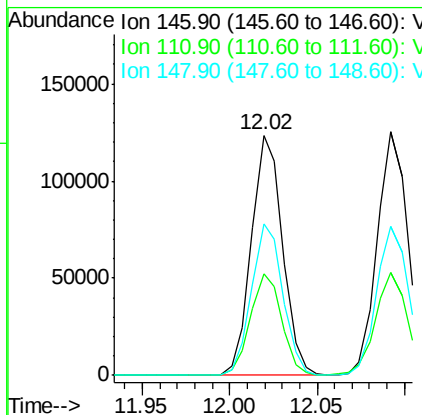
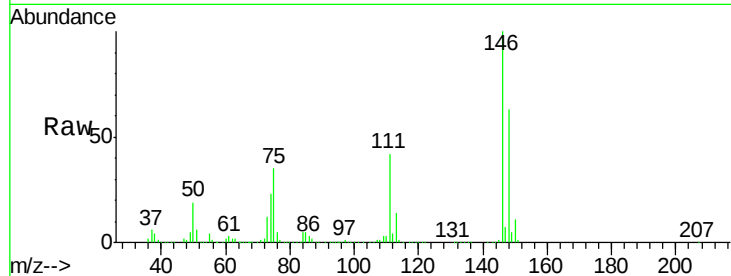
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	153293
Ion Ratio	Lower	Upper	
146	100		
111	42.7	22.3	66.8
148	63.6	31.5	94.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.707 ug/l

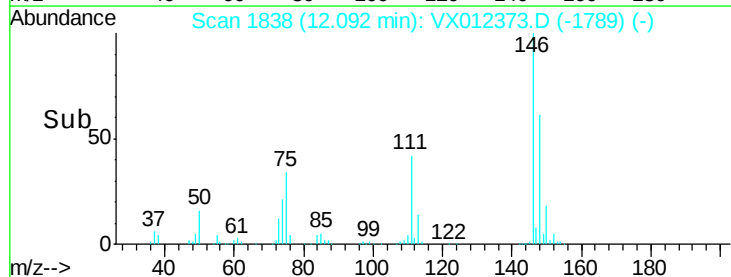
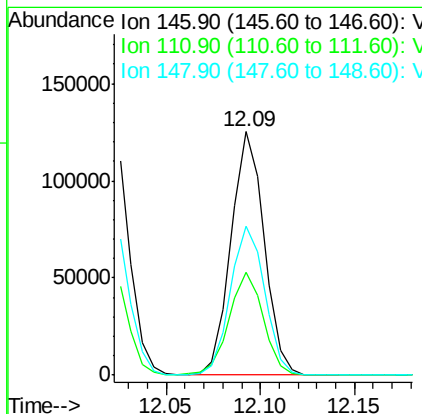
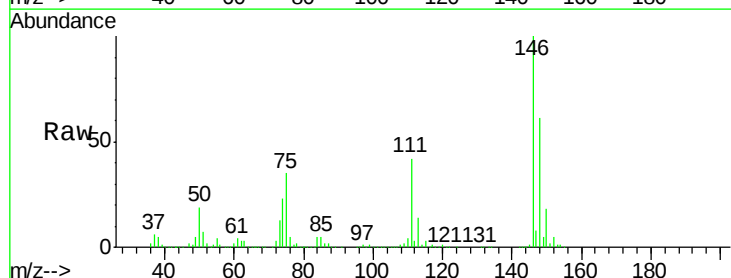
RT: 12.09 min Scan# 1838

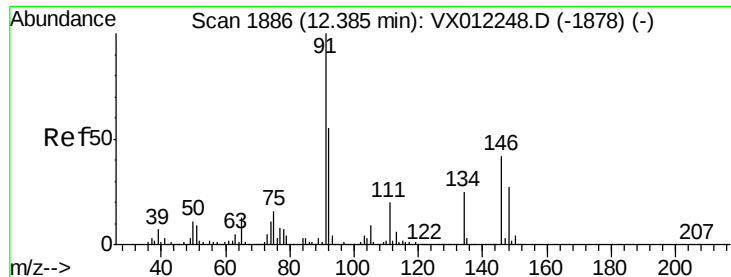
Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion:	146	Resp:	152815
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.6	64.8
148	63.6	32.4	97.2





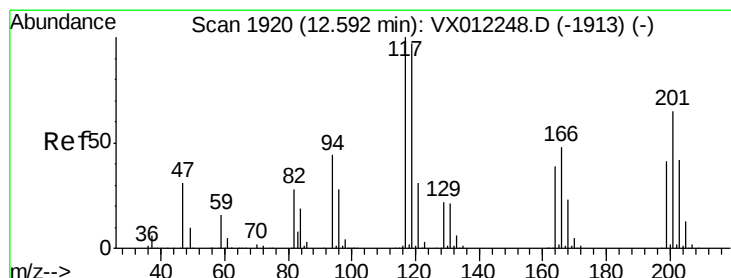
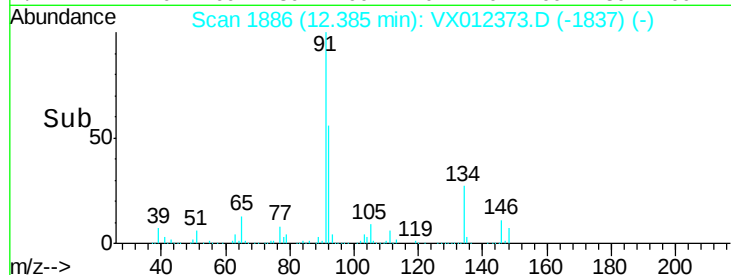
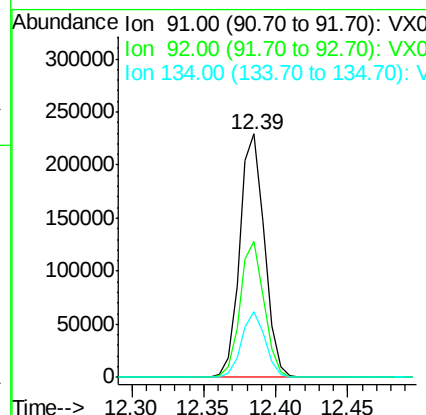
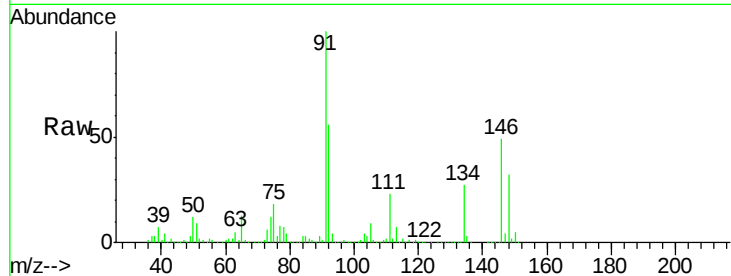
#89
n-Butylbenzene
Concen: 42.997 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.8	12.5	37.5

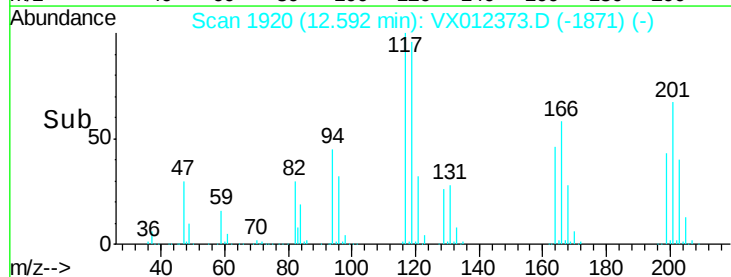
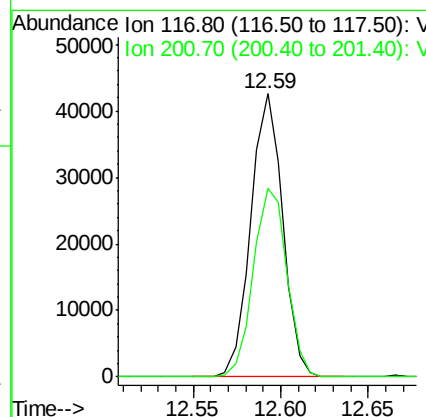
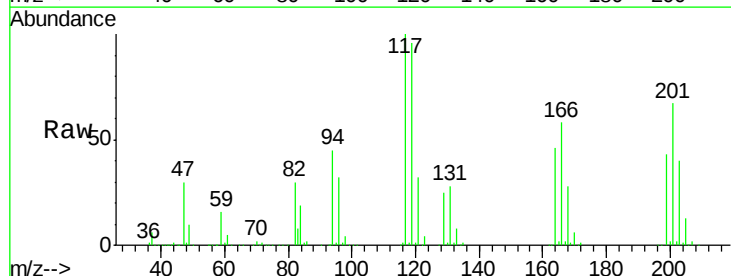
Manual Integrations
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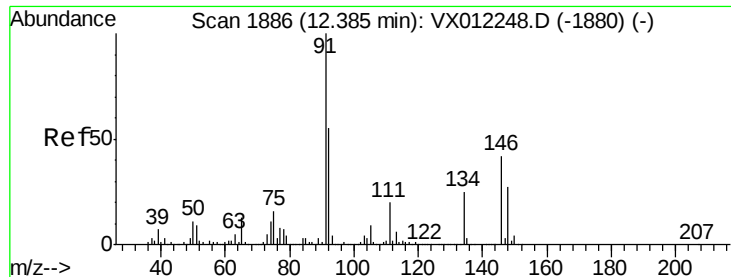
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#90
Hexachloroethane
Concen: 45.056 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.0	32.2	96.6





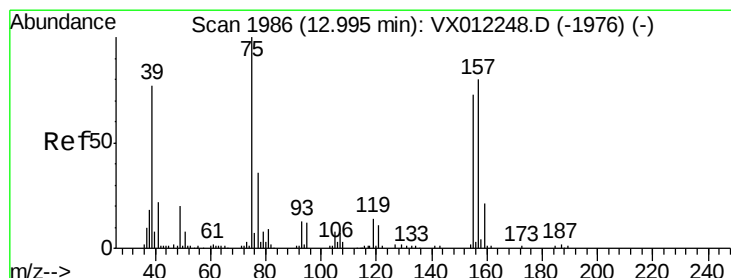
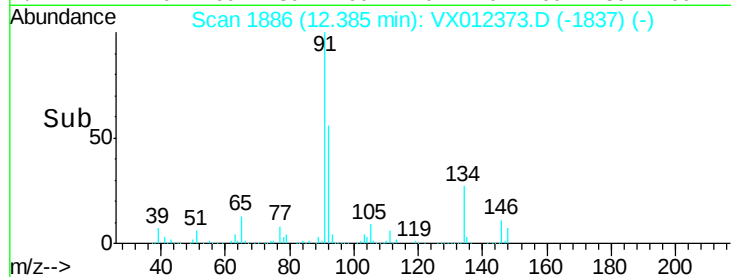
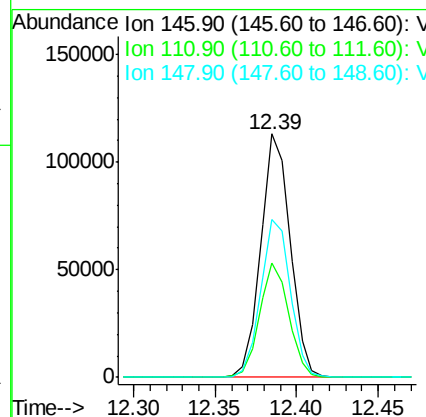
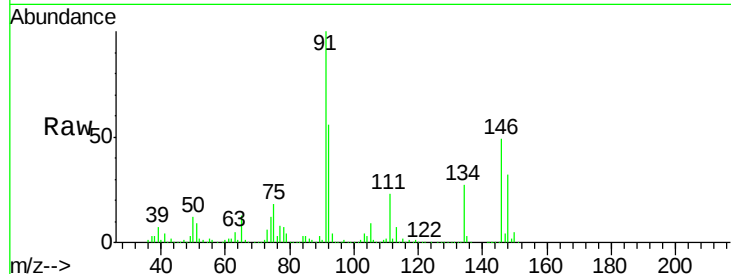
#91
 1,2-Dichlorobenzene
 Concen: 48.575 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	142340		
111	46.6	23.2	69.6	
148	65.7	32.4	97.0	

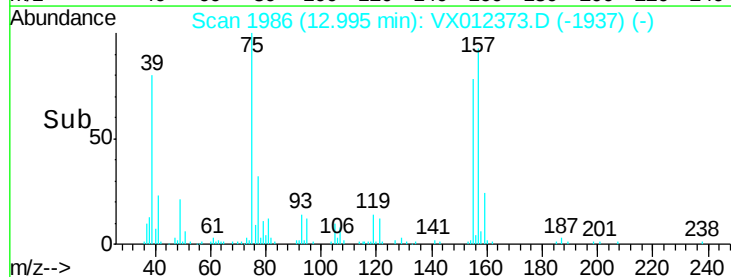
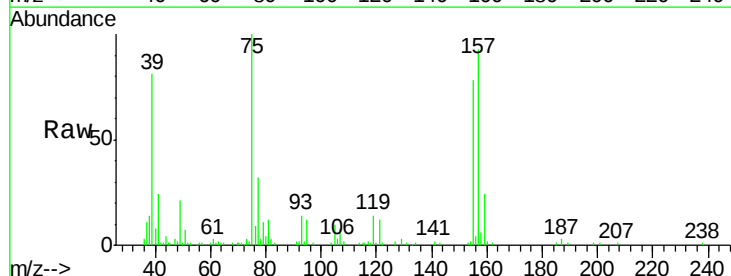
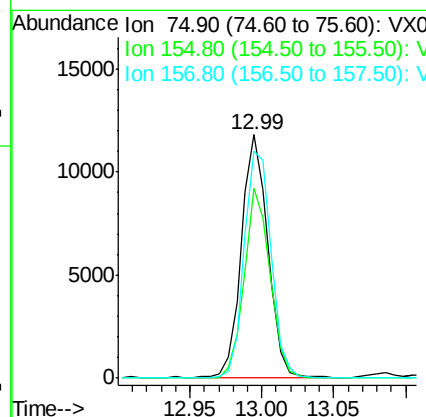
Manual Integrations
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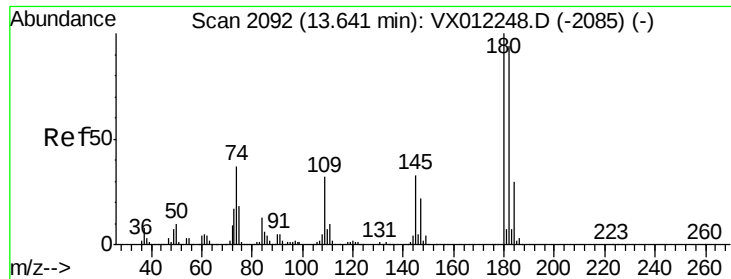
MMDadoda
 9/13/2019 10:11:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.164 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15149		
155	75.1	35.3	105.7	
157	94.3	43.2	129.6	





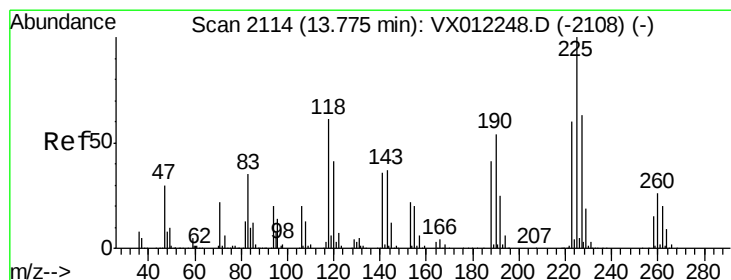
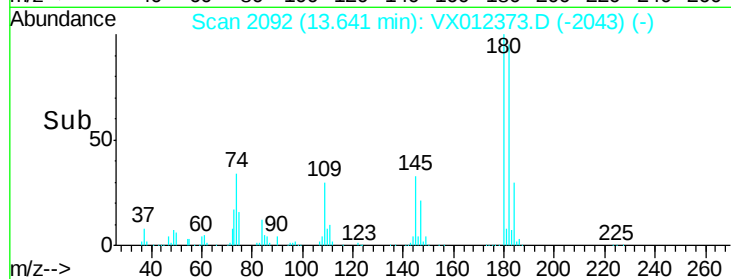
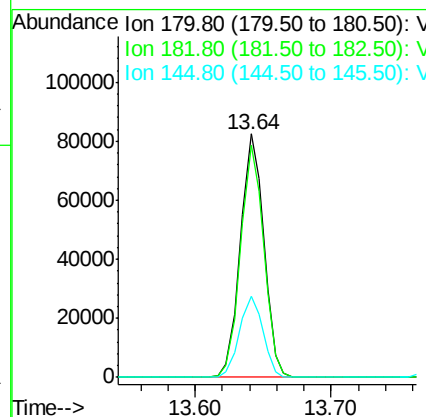
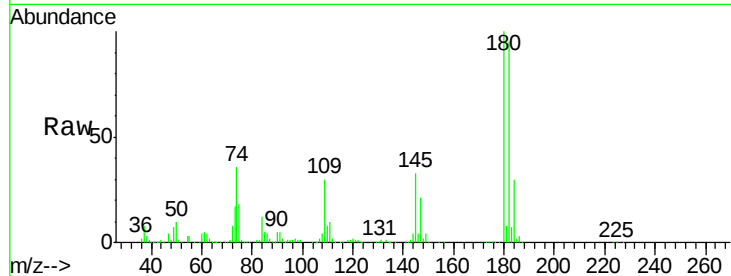
#93
 1,2,4-Trichlorobenzene
 Concen: 49.027 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	46.9	140.8	
145	33.6	17.1	51.2	

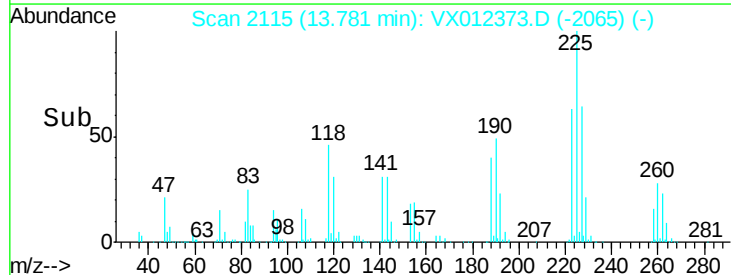
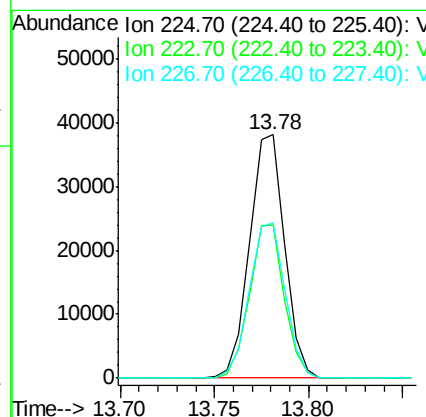
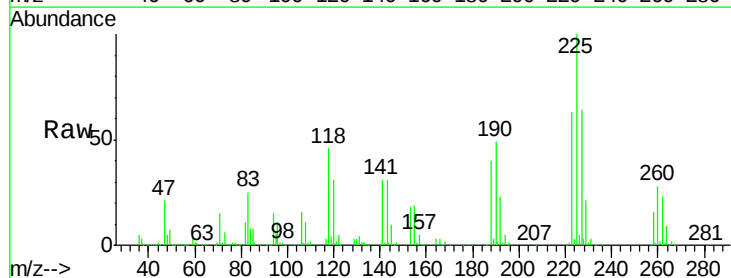
Manual Integrations
 APPROVED

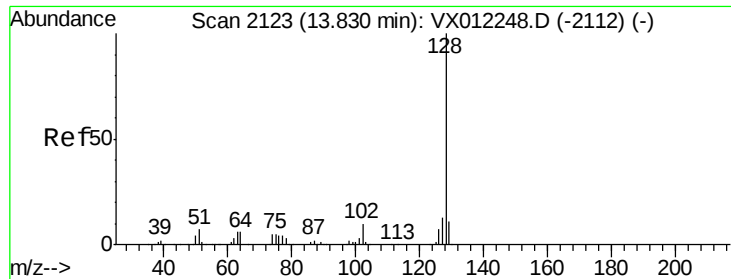
MMDadoda
 9/13/2019 10:11:44 AM



#94
 Hexachlorobutadiene
 Concen: 48.824 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	32.1	96.5	
227	65.4	32.5	97.5	





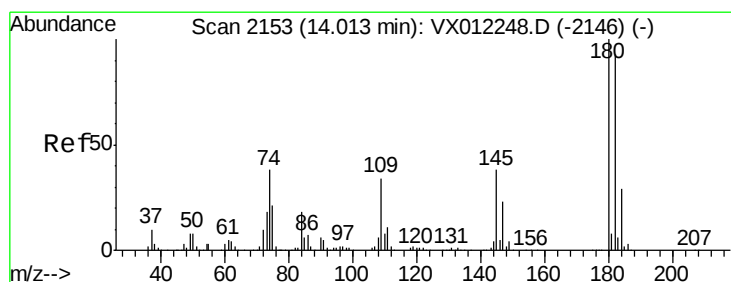
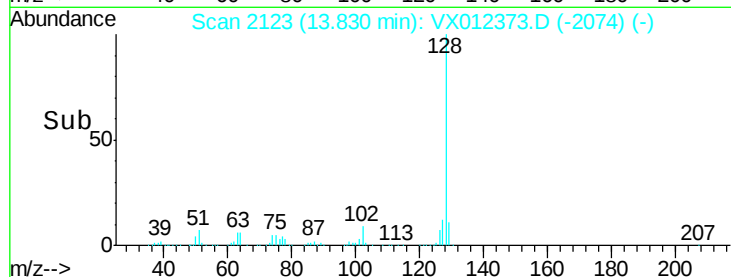
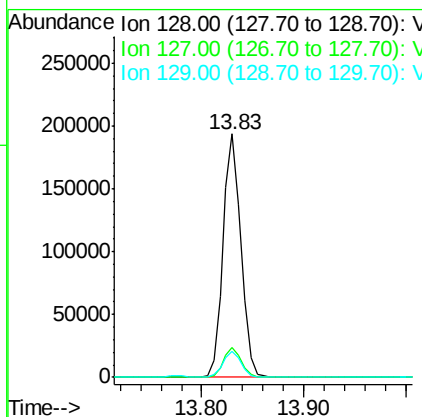
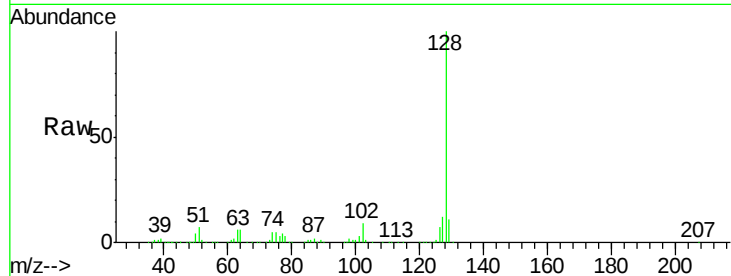
#95
Naphthalene
Concen: 54.426 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/13/2019 10:11:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.003 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.0
145	36.9	18.6	55.8

