

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016836.D
 Acq On : 17 Jun 2020 22:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:17:11 AM

Quant Time: Jun 18 03:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205372	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	161775	53.98	ug/l	0.00
Spiked Amount						
			Recovery	=	107.96%	
35) Dibromofluoromethane	5.46	113	116343	47.11	ug/l	0.00
Spiked Amount						
			Recovery	=	94.22%	
50) Toluene-d8	8.70	98	445402	48.92	ug/l	0.00
Spiked Amount						
			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.12	95	171788	49.32	ug/l	0.00
Spiked Amount						
			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	161015	53.485	ug/l	99
3) Chloromethane	1.31	50	158169	54.385	ug/l	99
4) Vinyl Chloride	1.39	62	178001	57.359	ug/l	98
5) Bromomethane	1.62	94	97361	50.517	ug/l	96
6) Chloroethane	1.71	64	108645	56.835	ug/l	95
7) Trichlorofluoromethane	1.92	101	240880	53.894	ug/l	100
8) Diethyl Ether	2.17	74	93952	51.476	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128852	56.665	ug/l	98
10) Methyl Iodide	2.49	142	123340	43.396	ug/l	98
11) Tert butyl alcohol	3.01	59	171767	228.159	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135500	52.036	ug/l	97
13) Acrolein	2.27	56	84950	264.873	ug/l	96
14) Allyl chloride	2.71	41	182957	44.924	ug/l	99
15) Acrylonitrile	3.11	53	357058	233.732	ug/l	100
16) Acetone	2.42	43	332260	244.428	ug/l	99
17) Carbon Disulfide	2.55	76	322828	43.288	ug/l	100
18) Methyl Acetate	2.75	43	183216	50.496	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	402133	45.311	ug/l	98
20) Methylene Chloride	2.83	84	128504	43.888	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	124306	44.423	ug/l	97
22) Diisopropyl ether	3.82	45	356284	46.574	ug/l	99
23) Vinyl Acetate	3.78	43	1526025	230.798	ug/l	99
24) 1,1-Dichloroethane	3.67	63	216542	45.258	ug/l	99
25) 2-Butanone	4.64	43	486265	237.358	ug/l	100
26) 2,2-Dichloropropane	4.56	77	174098	39.297	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	142747	44.632	ug/l	98
28) Bromochloromethane	4.98	49	94530	46.315	ug/l	100
29) Tetrahydrofuran	5.09	42	314479	236.959	ug/l	99
30) Chloroform	5.18	83	228150	45.072	ug/l	100
31) Cyclohexane	5.55	56	188325	48.896	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	213932	46.576	ug/l	99
36) 1,1-Dichloropropene	5.77	75	169768	47.997	ug/l	99
37) Ethyl Acetate	4.79	43	180171	46.514	ug/l	99
38) Carbon Tetrachloride	5.76	117	192876	48.015	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197889	48.281	ug/l	98
40) Benzene	6.12	78	592146	54.985	ug/l	100
41) Methacrylonitrile	5.00	41	99046	47.957	ug/l	98
42) 1,2-Dichloroethane	6.16	62	202419	51.499	ug/l	99
43) Isopropyl Acetate	6.42	43	331836	54.661	ug/l	99
44) Trichloroethene	7.19	130	158055	47.448	ug/l	99
45) 1,2-Dichloropropane	7.49	63	126180	47.797	ug/l	99
46) Dibromomethane	7.64	93	89741	46.641	ug/l	100
47) Bromodichloromethane	7.88	83	189297	47.191	ug/l	98
48) Methyl methacrylate	7.74	41	141299	49.108	ug/l	99
49) 1,4-Dioxane	7.71	88	66603	935.358	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	929118	248.368	ug/l	99
52) Toluene	8.76	92	335428	47.952	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	252867	55.812	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	219832	46.516	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	153790	54.668	ug/l	97
56) Ethyl methacrylate	9.16	69	249701	59.284	ug/l	98
57) 1,3-Dichloropropane	9.35	76	253937	53.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	538358	259.956	ug/l	99
59) 2-Hexanone	9.47	43	842475	291.733	ug/l	100
60) Dibromochloromethane	9.57	129	192634	57.939	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179883	58.673	ug/l	98
64) Tetrachloroethene	9.32	164	192929	45.852	ug/l	98
65) Chlorobenzene	10.12	112	417613	46.970	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	160668	45.298	ug/l	99
67) Ethyl Benzene	10.23	91	712677	47.415	ug/l	99
68) m/p-Xylenes	10.34	106	535396	93.947	ug/l	99
69) o-Xylene	10.68	106	236286	43.037	ug/l	98
70) Styrene	10.70	104	411820	43.390	ug/l	99
71) Bromoform	10.84	173	129676	42.850	ug/l #	98
73) Isopropylbenzene	11.00	105	636884	47.262	ug/l	99
74) N-amyl acetate	10.88	43	250740	47.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	180565	45.551	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	191982m	44.452	ug/l	
77) Bromobenzene	11.24	156	169275	44.488	ug/l	100
78) n-propylbenzene	11.34	91	712214	48.667	ug/l	99
79) 2-Chlorotoluene	11.40	91	438209	47.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548384	48.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	72397	42.200	ug/l	97
82) 4-Chlorotoluene	11.49	91	512160	47.282	ug/l	99
83) tert-Butylbenzene	11.76	119	513304	49.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	554776	48.548	ug/l	100
85) sec-Butylbenzene	11.93	105	603642	49.926	ug/l	100
86) p-Isopropyltoluene	12.05	119	583504	50.298	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	300524	46.719	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	303655	45.520	ug/l	100
89) n-Butylbenzene	12.37	91	479382	50.057	ug/l	99
90) Hexachloroethane	12.58	117	101921	47.642	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292459	45.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51011	46.017	ug/l	98

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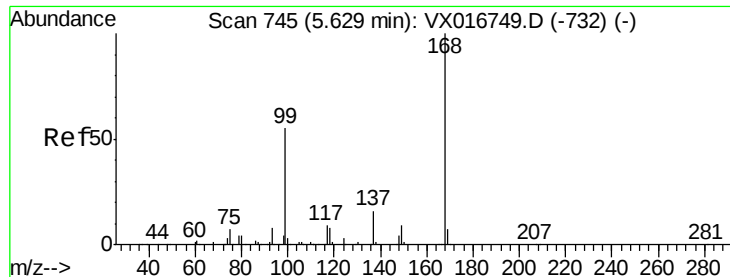
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218967	48.607	ug/l	97
94) Hexachlorobutadiene	13.77	225	90750	45.814	ug/l	98
95) Naphthalene	13.82	128	697008	49.388	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	211316	47.659	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 266422

Ion Ratio Lower Upper

168 100

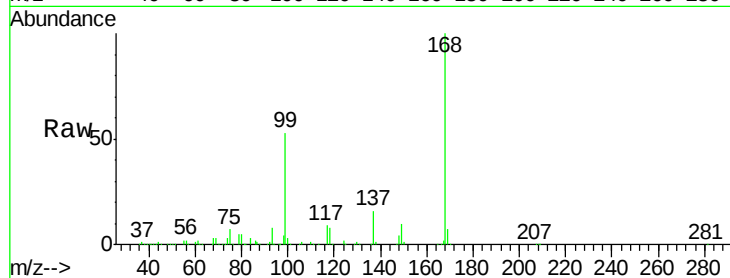
99 53.2 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

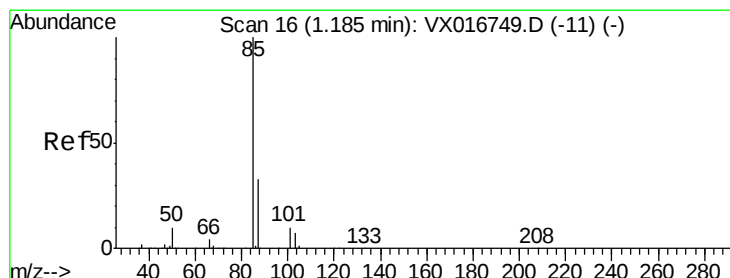
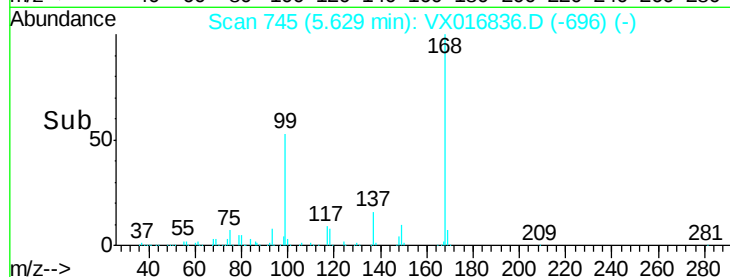
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.485 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016836.D

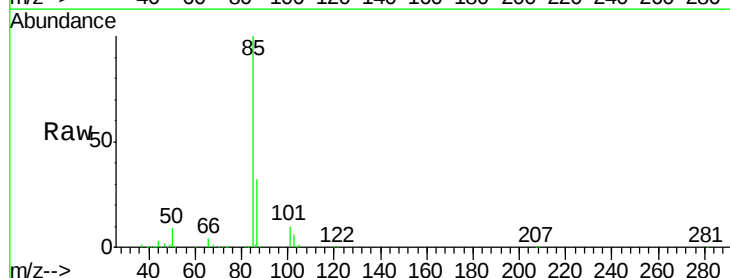
Acq: 17 Jun 2020 22:37

Tgt Ion: 85 Resp: 161015

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

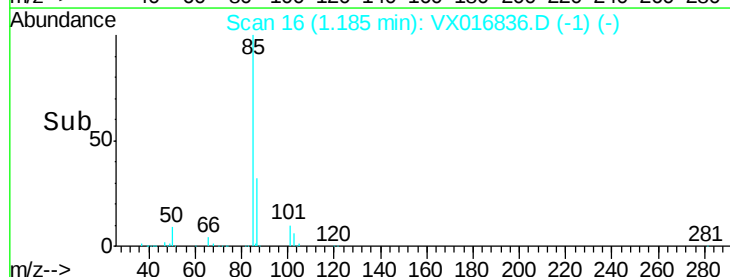
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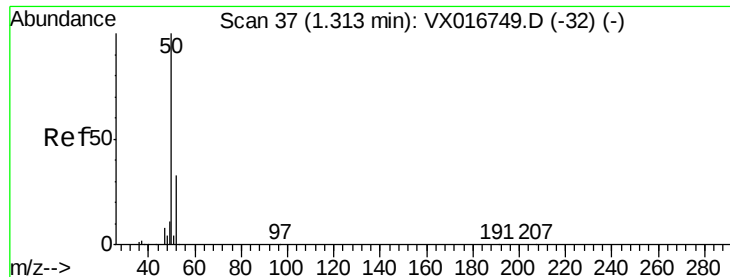
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 54.385 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 158169

Ion Ratio Lower Upper

50 100

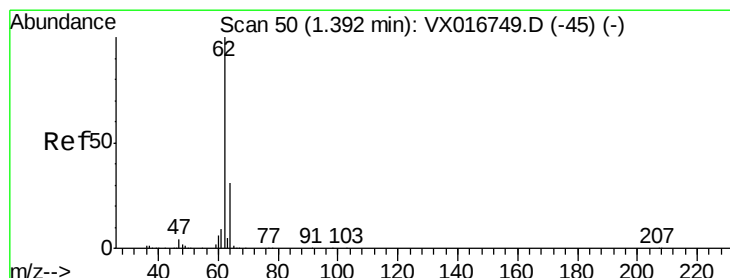
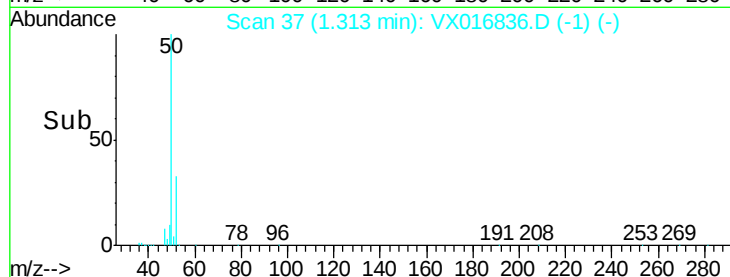
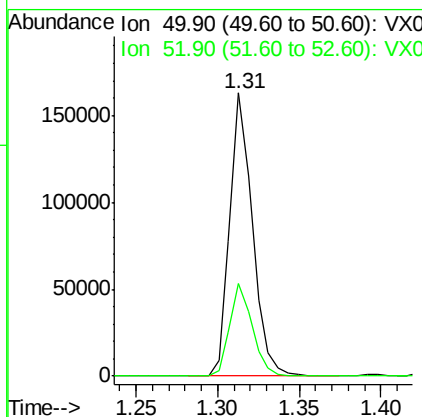
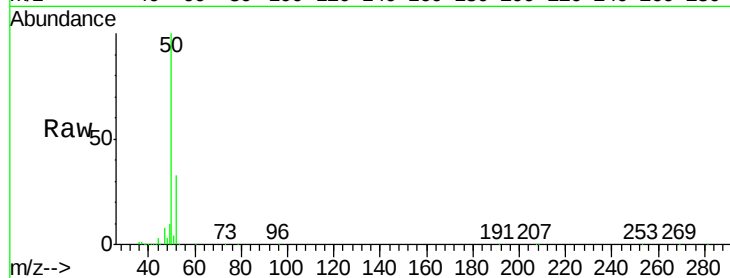
52 32.7 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 57.359 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016836.D

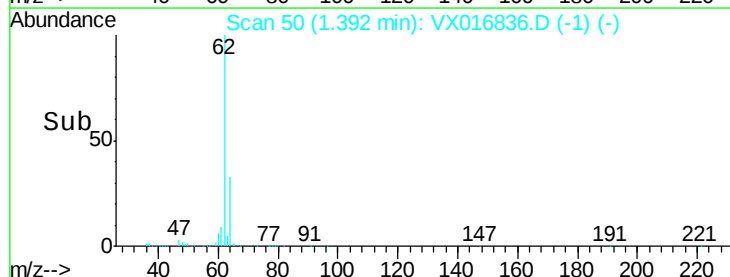
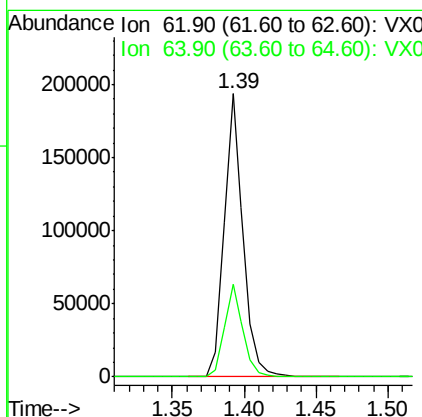
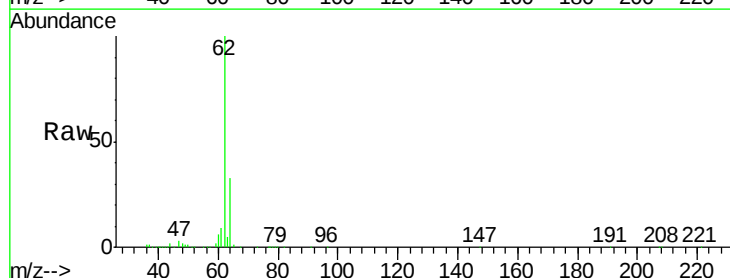
Acq: 17 Jun 2020 22:37

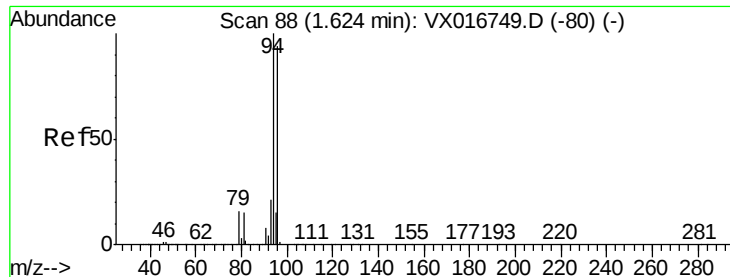
Tgt Ion: 62 Resp: 178001

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 50.517 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 97361

Ion Ratio Lower Upper

94 100

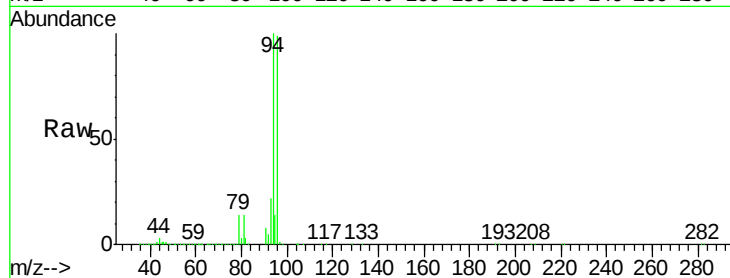
96 98.5 75.4 113.0

Manual Integrations

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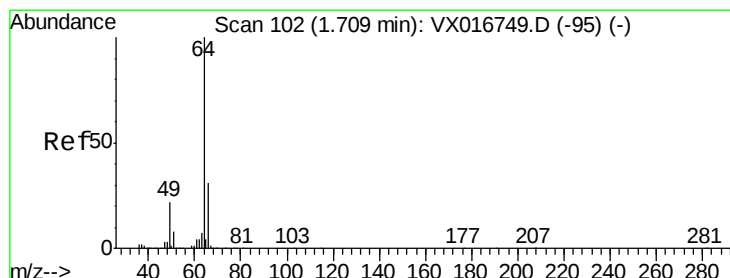
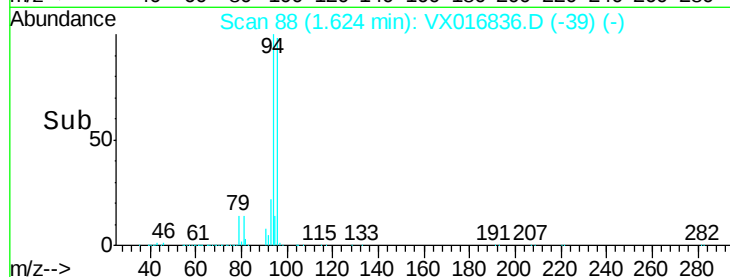
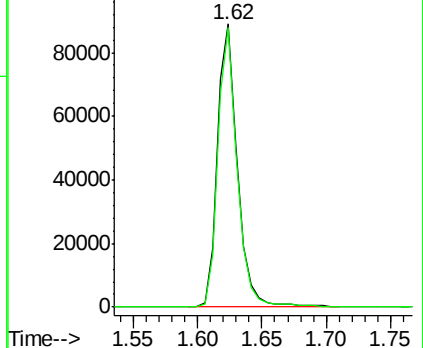
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.835 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016836.D

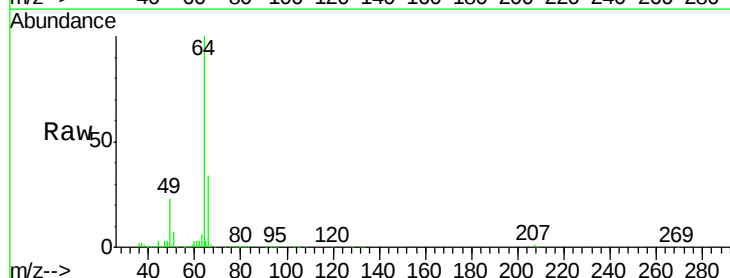
Acq: 17 Jun 2020 22:37

Tgt Ion: 64 Resp: 108645

Ion Ratio Lower Upper

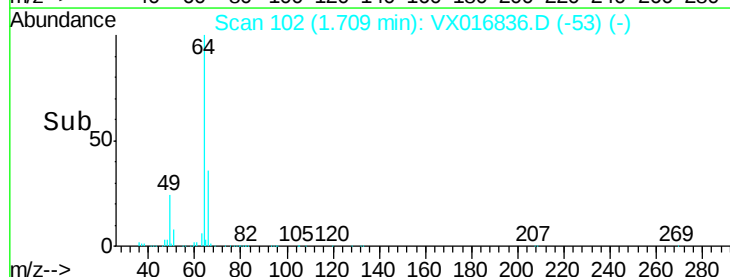
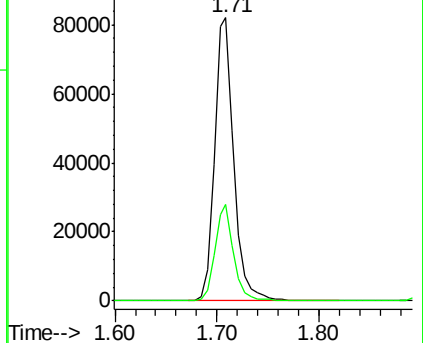
64 100

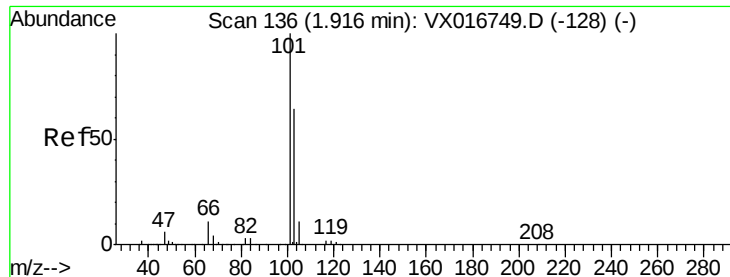
66 34.1 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

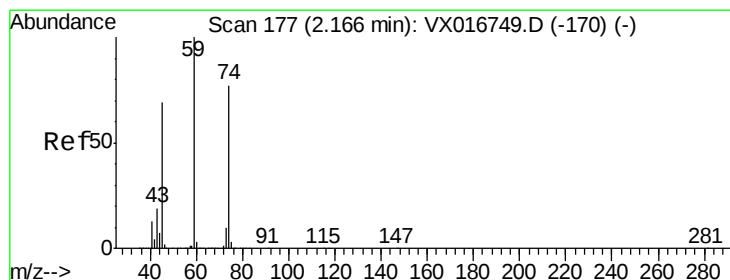
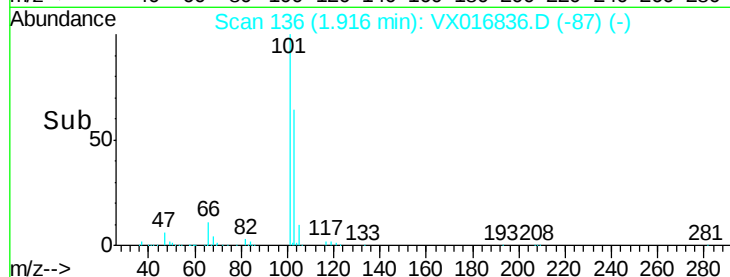
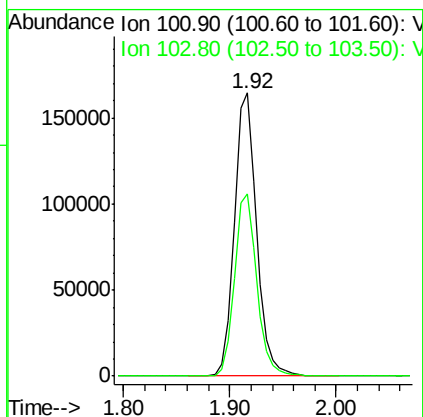
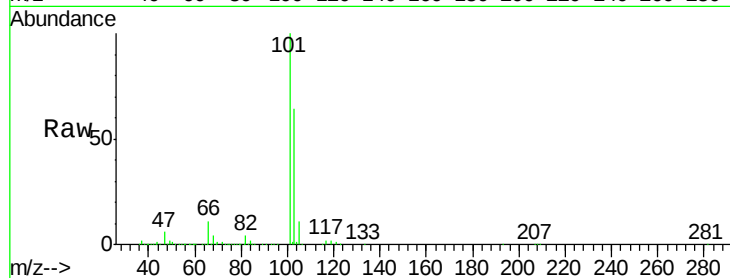
Trichlorofluoromethane
Concen: 53.894 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016836.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.3	76.9

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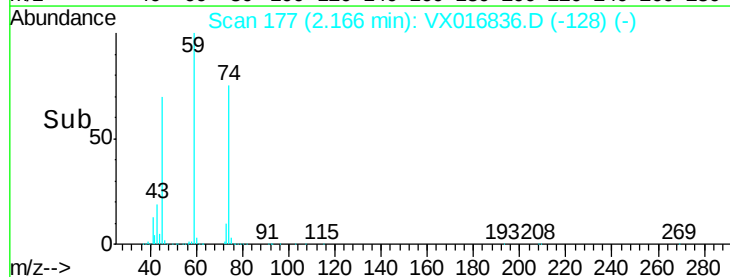
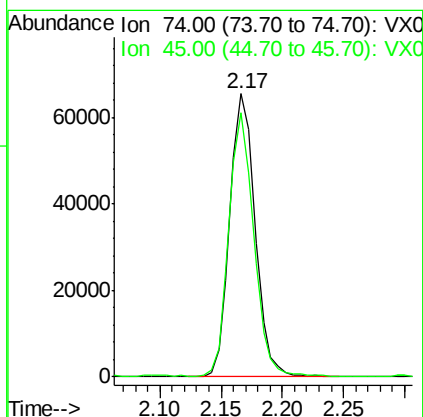
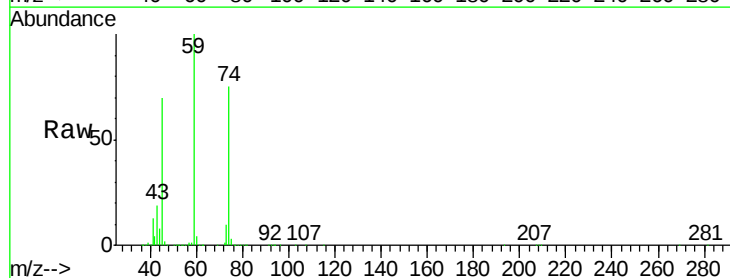
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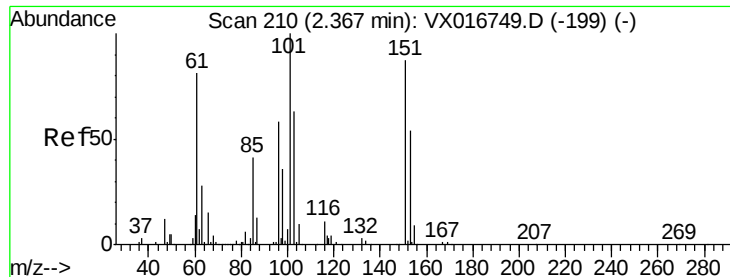


#8

Diethyl Ether
Concen: 51.476 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.665 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

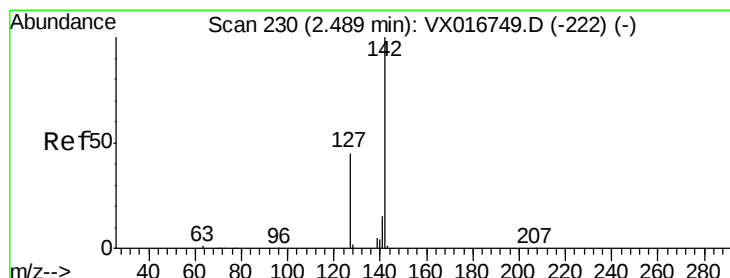
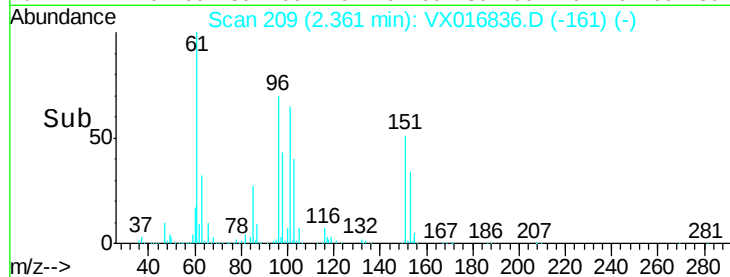
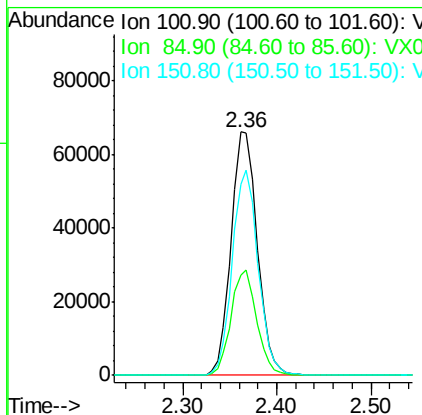
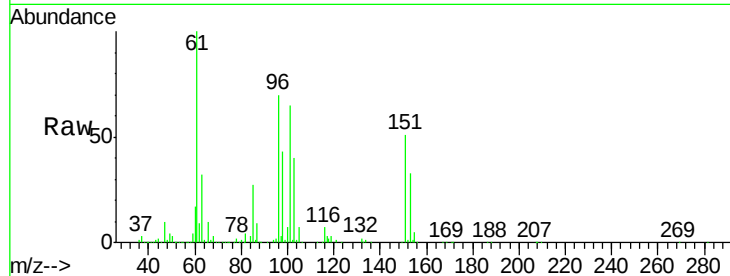
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	128852
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	83.0	68.7	103.1

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#10

Methyl Iodide

Concen: 43.396 ug/l

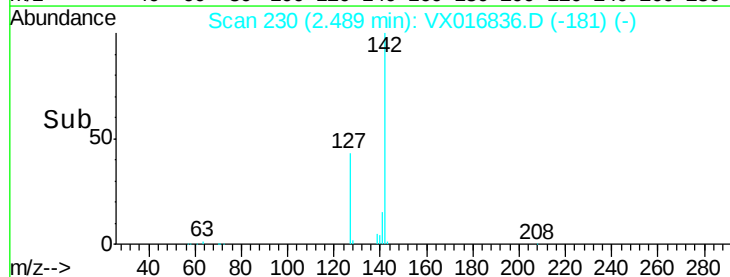
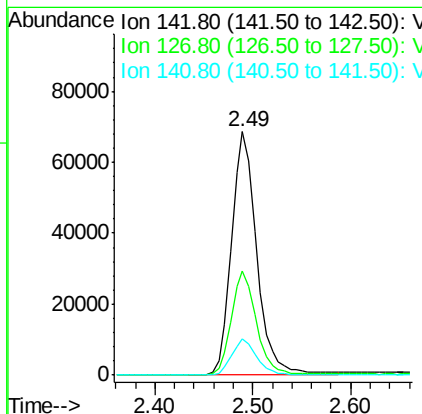
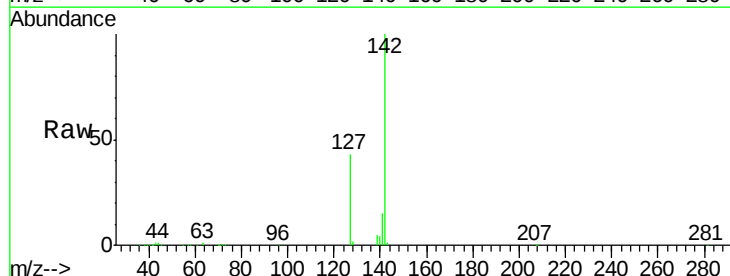
RT: 2.49 min Scan# 230

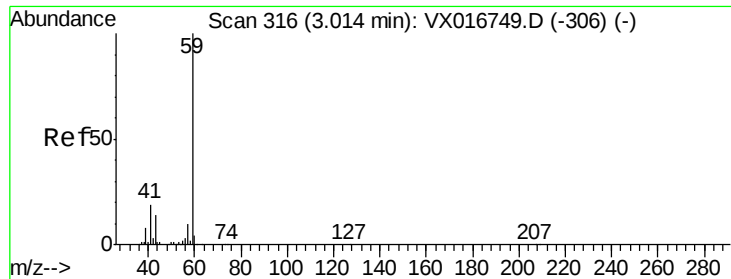
Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion:	142	Resp:	123340
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.4	53.2
141	14.8	11.7	17.5





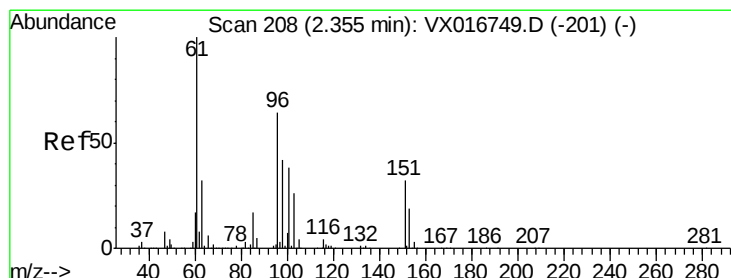
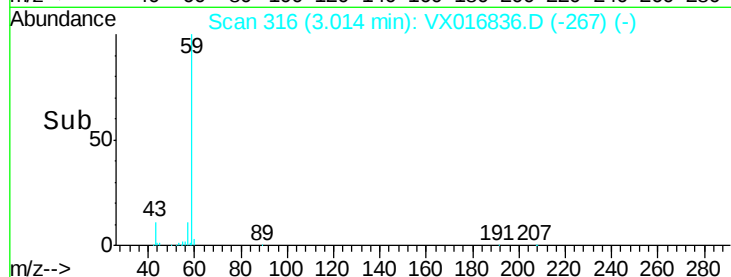
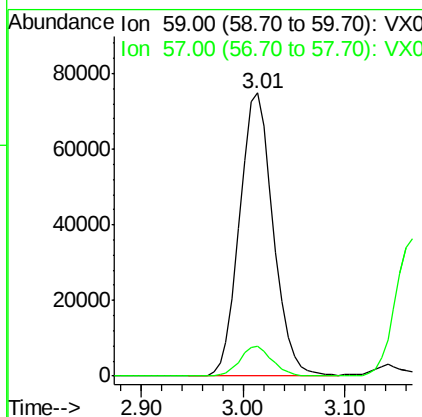
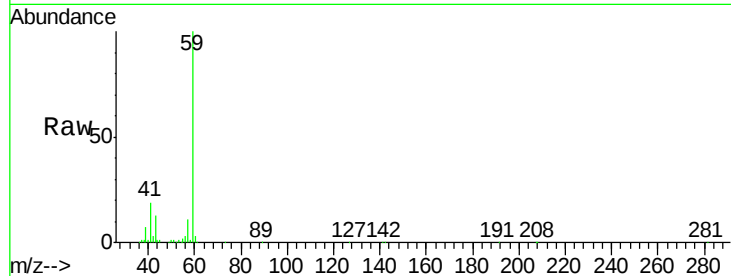
#11
Tert butyl alcohol
Concen: 228.159 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

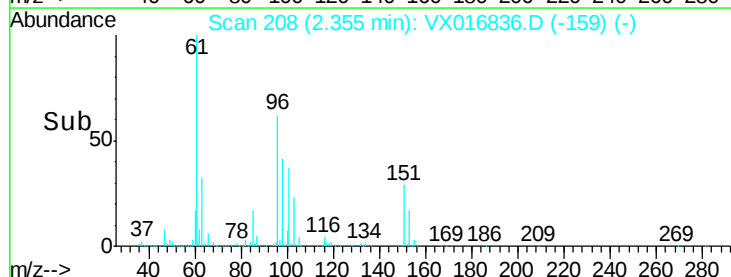
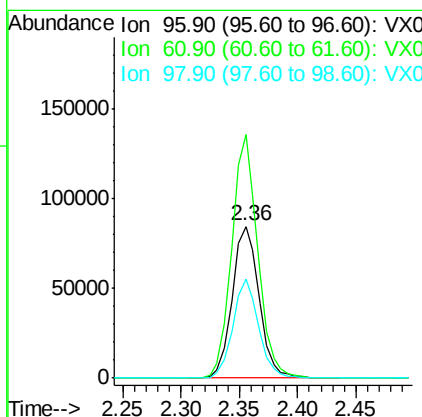
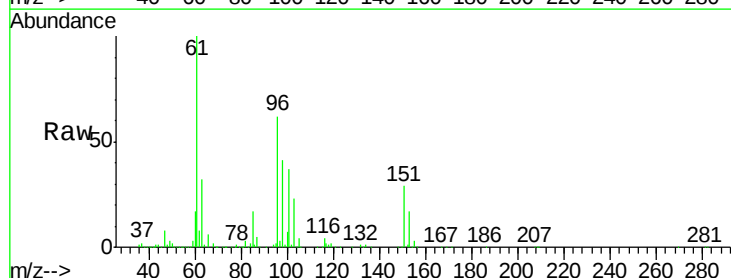
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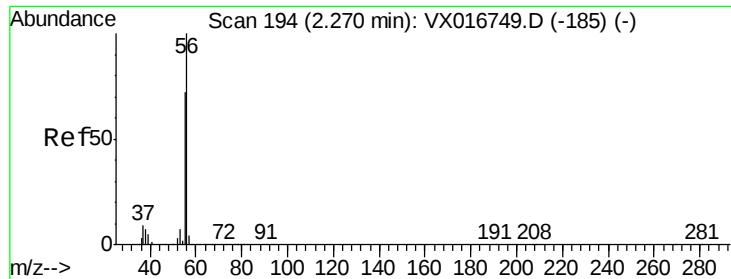
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#12
1,1-Dichloroethene
Concen: 52.036 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	124.1	186.1
98	65.6	52.7	79.1





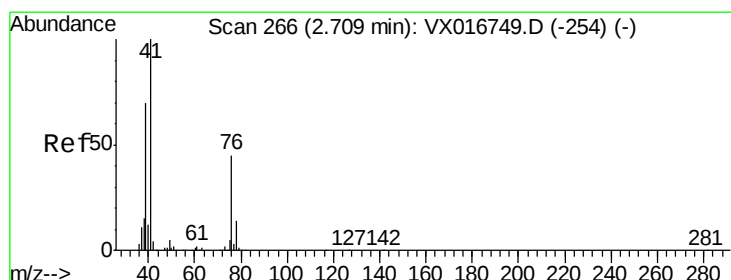
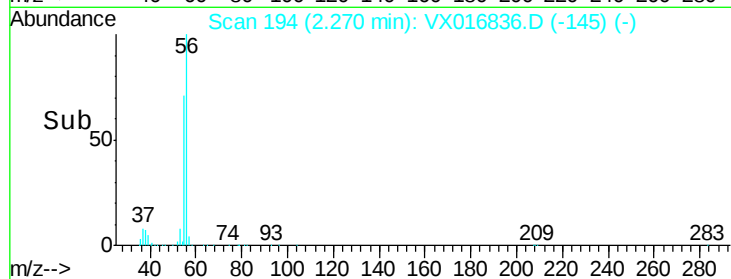
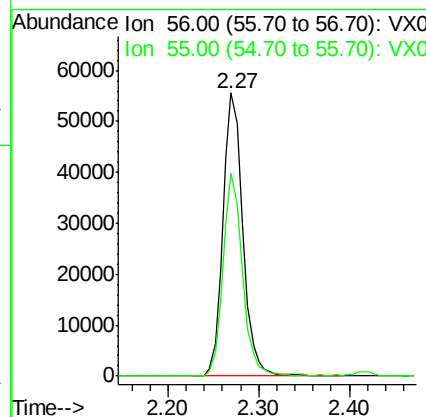
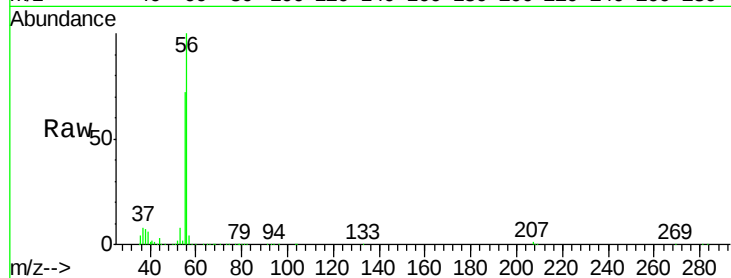
#13
Acrolein
Concen: 264.873 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	58.2	87.4

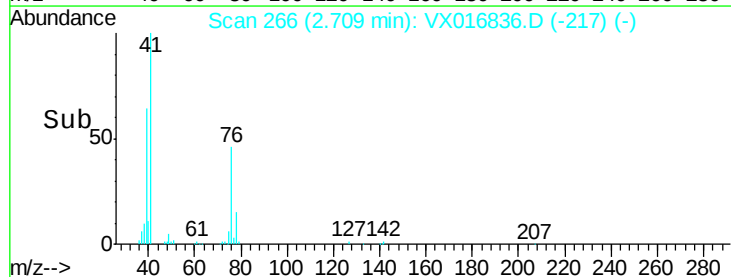
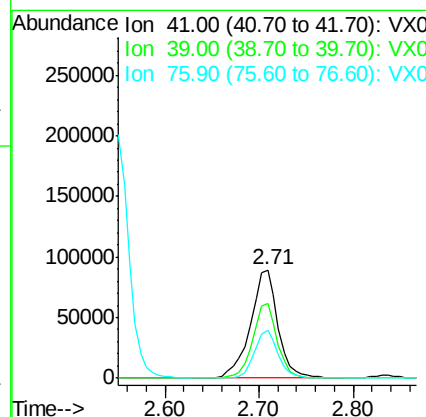
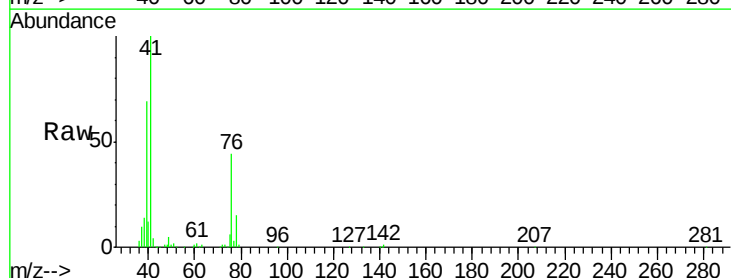
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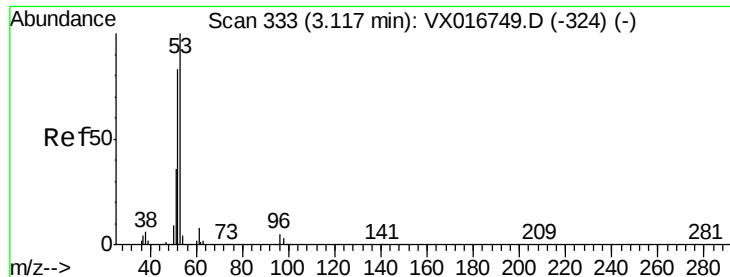
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#14
Allyl chloride
Concen: 44.924 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.5	50.2	75.4
76	37.5	30.4	45.6





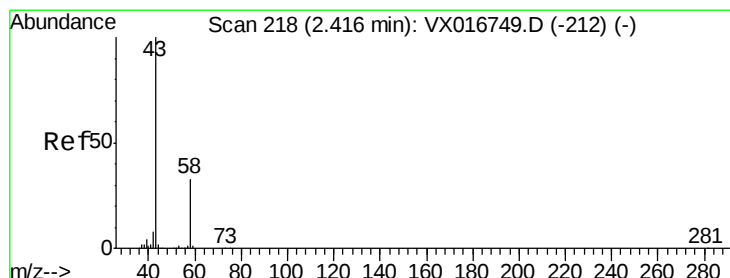
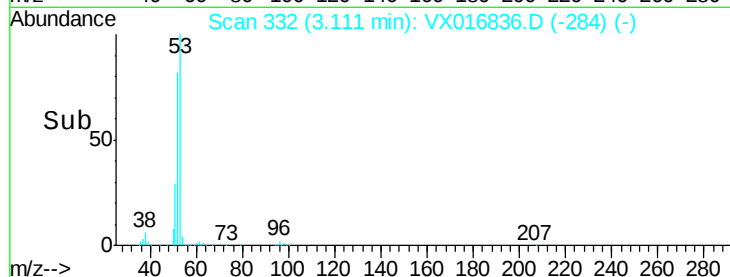
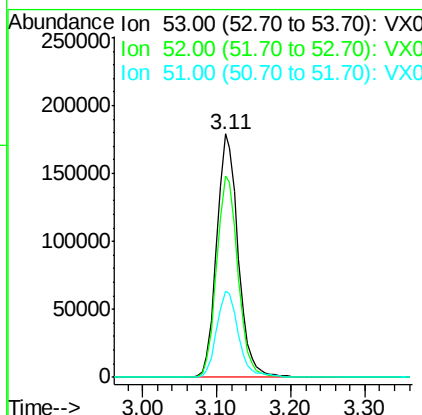
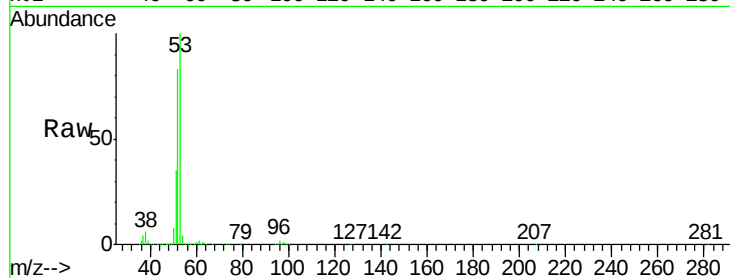
#15
 Acrylonitrile
 Concen: 233.732 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100				
52	82.1	65.5	98.3		
51	35.9	28.6	42.8		

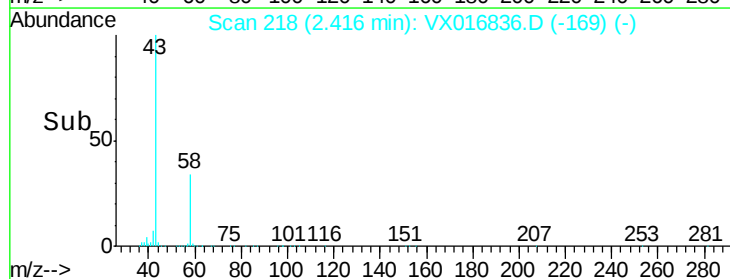
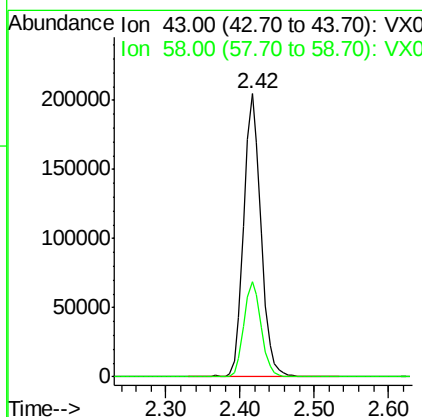
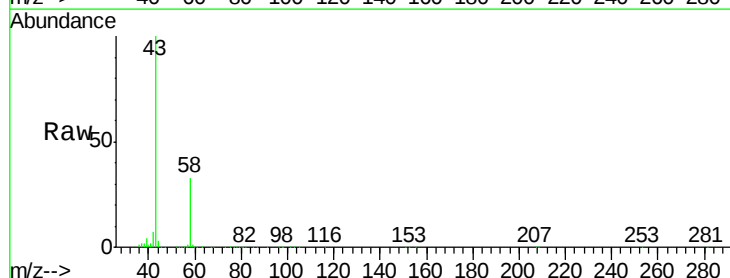
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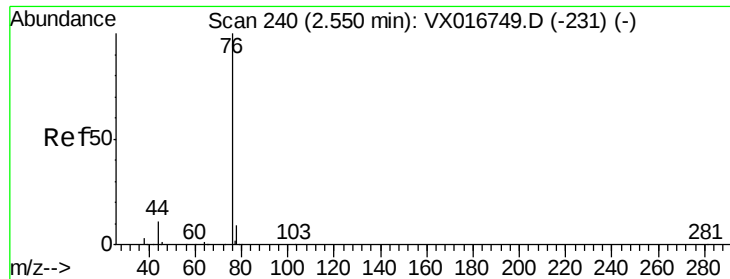
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#16
 Acetone
 Concen: 244.428 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
58	33.5	26.3	39.5		





#17

Carbon Disulfide

Concen: 43.288 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 322828

Ion Ratio Lower Upper

76 100

78 9.2

7.3

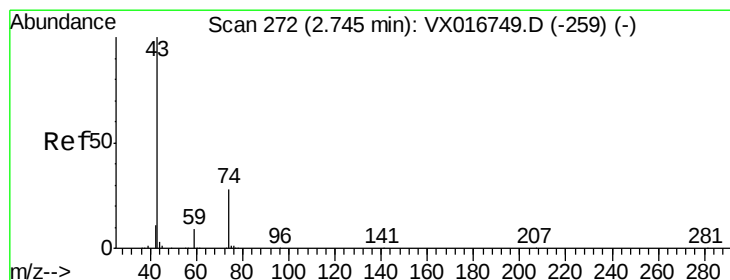
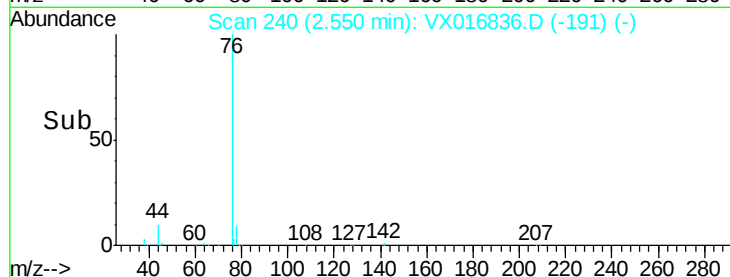
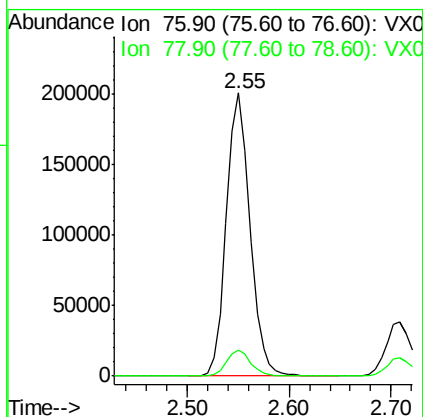
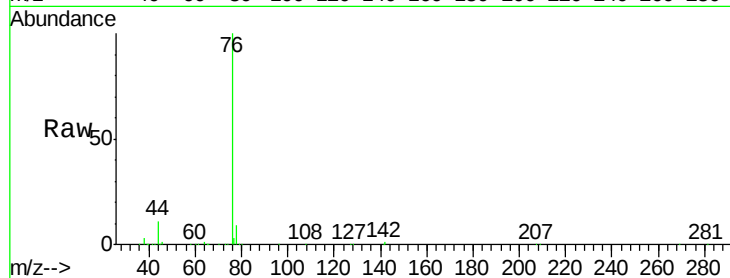
10.9

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#18

Methyl Acetate

Concen: 50.496 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion: 43 Resp: 183216

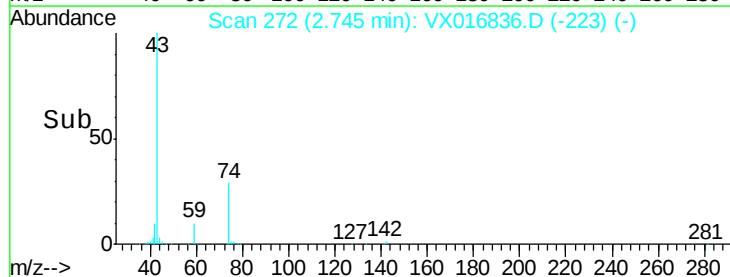
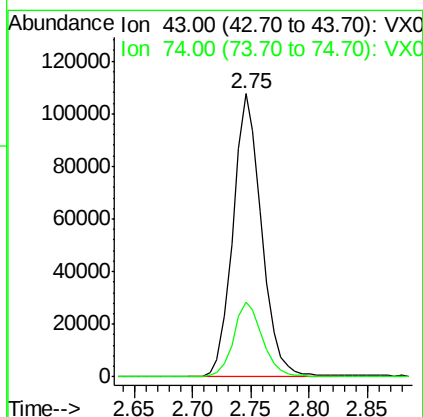
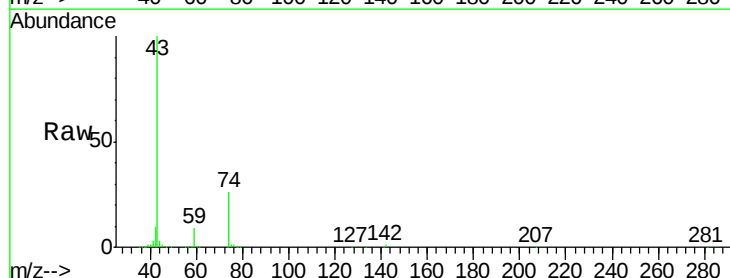
Ion Ratio Lower Upper

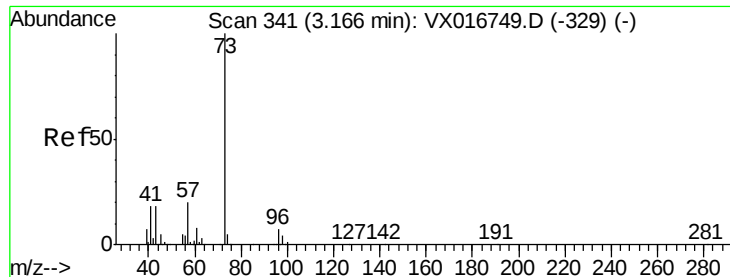
43 100

74 27.2

22.4

33.6





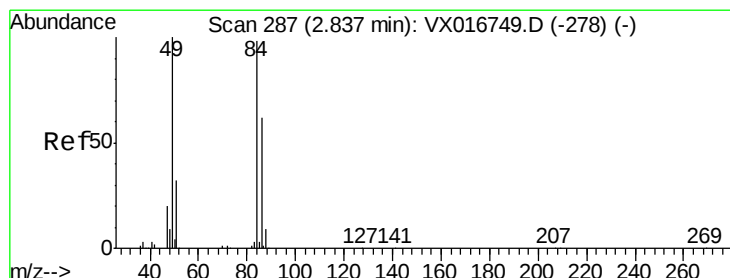
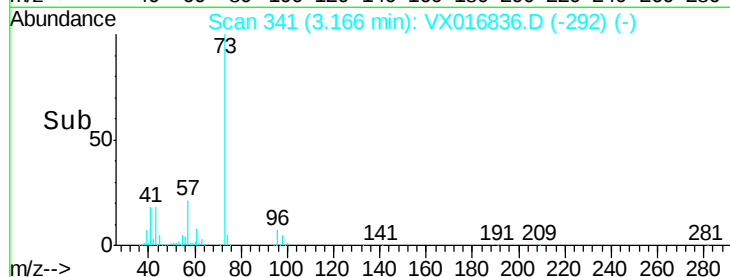
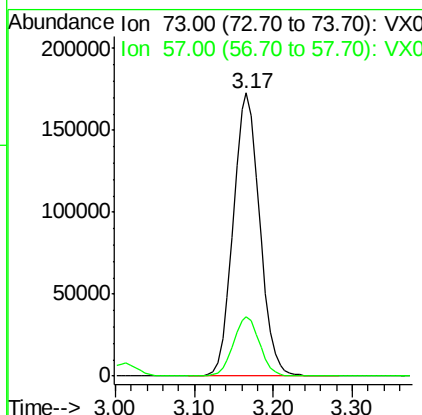
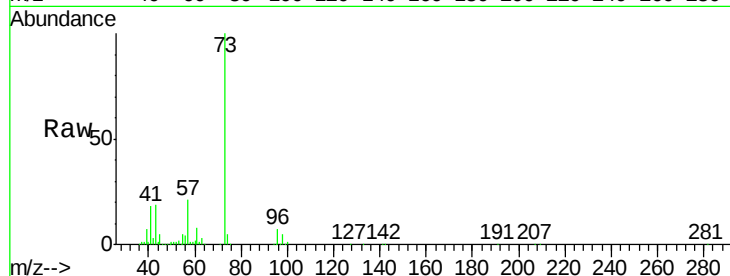
#19
Methvl tert-butvl Ether
Concen: 45.311 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 402133
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4

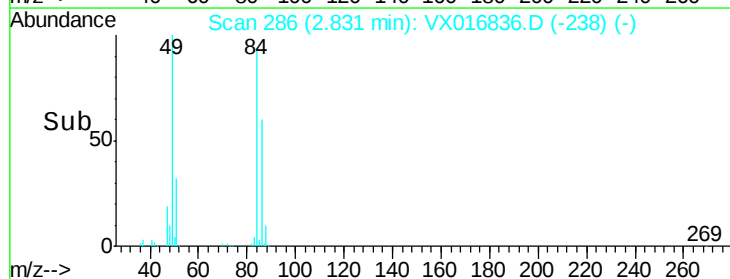
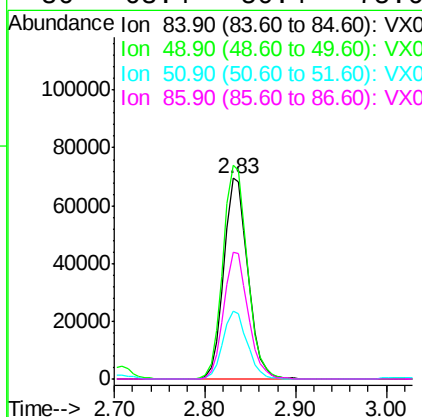
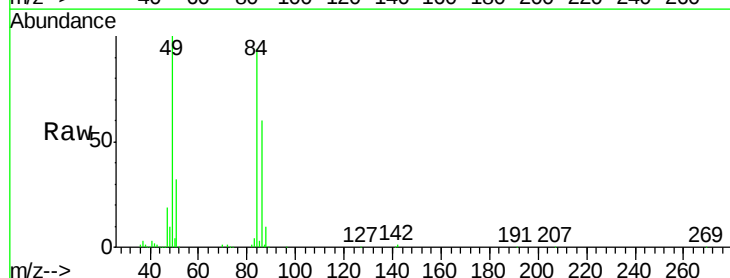
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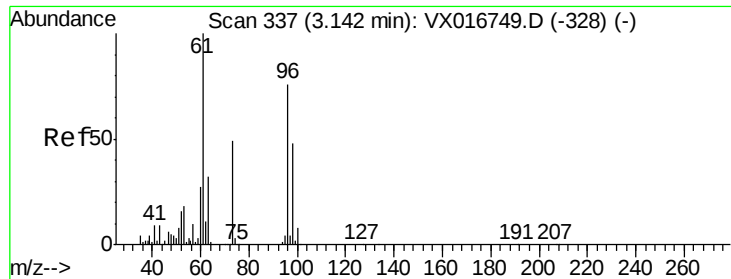
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#20
Methylene Chloride
Concen: 43.888 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 84 Resp: 128504
Ion Ratio Lower Upper
84 100
49 106.4 81.8 122.8
51 33.9 25.8 38.8
86 63.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 44.423 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

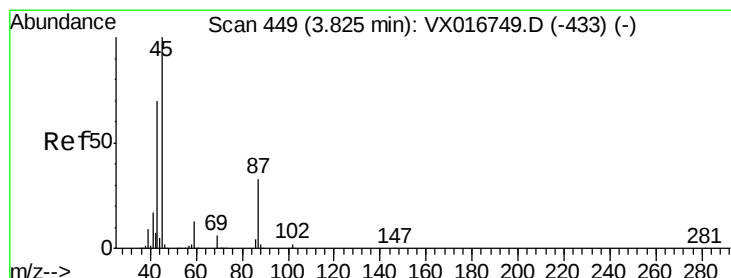
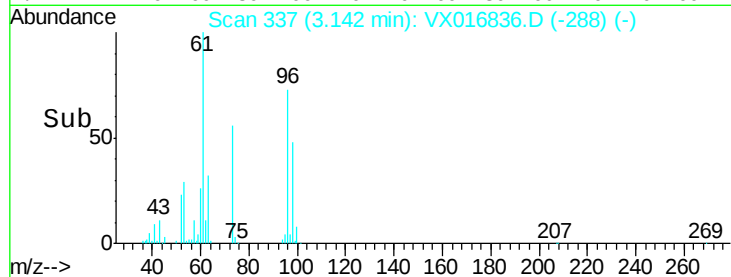
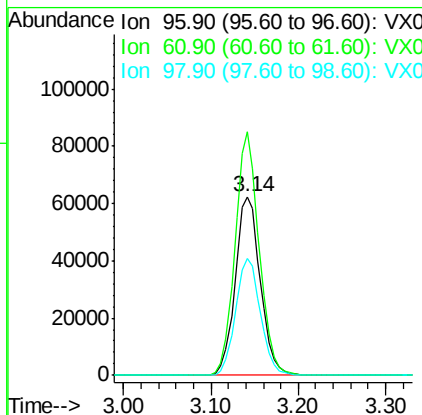
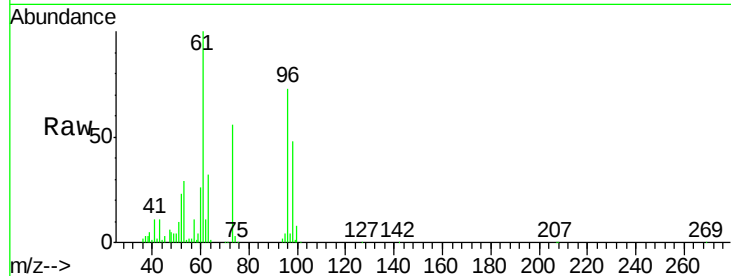
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	124306
Ion	Ratio	Lower	Upper
96	100		
61	136.2	105.4	158.2
98	65.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 46.574 ug/l

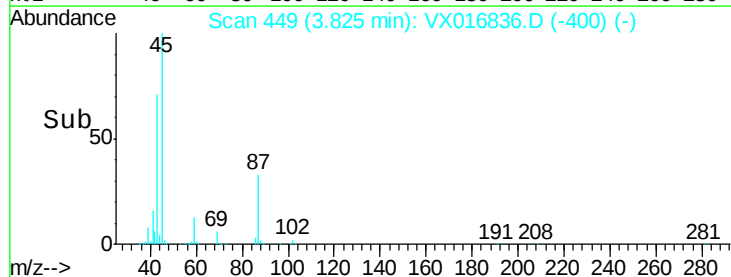
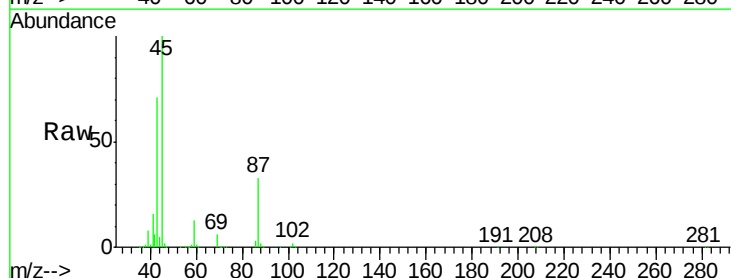
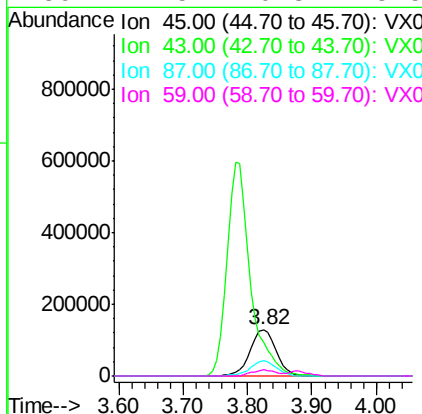
RT: 3.82 min Scan# 449

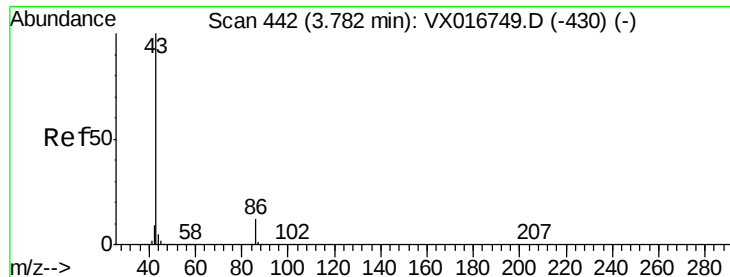
Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion:	45	Resp:	356284
Ion	Ratio	Lower	Upper
45	100		
43	70.7	56.2	84.4
87	33.3	26.2	39.4
59	12.5	10.3	15.5





#23

Vinyl Acetate

Concen: 230.798 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1526025

Ion Ratio Lower Upper

43 100

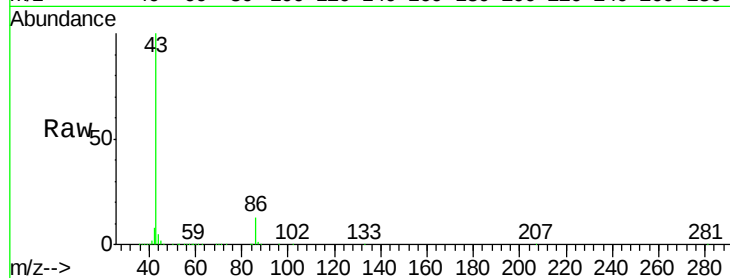
86 12.5 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

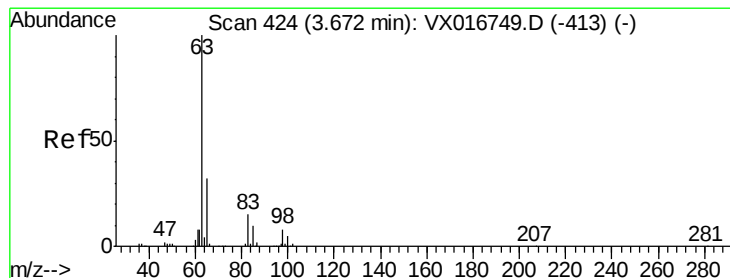
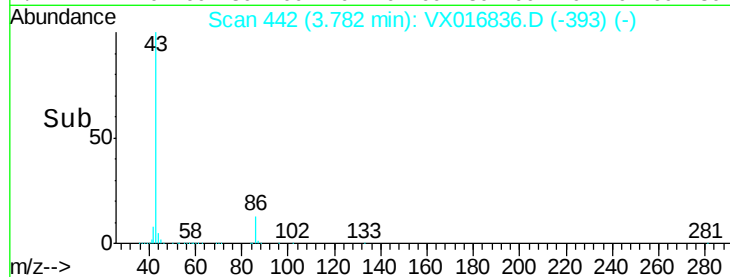
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.258 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

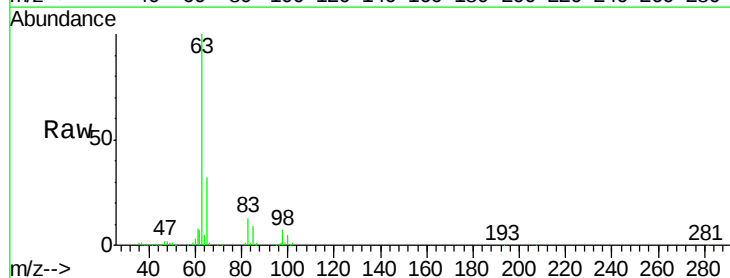
Tgt Ion: 63 Resp: 216542

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.9 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

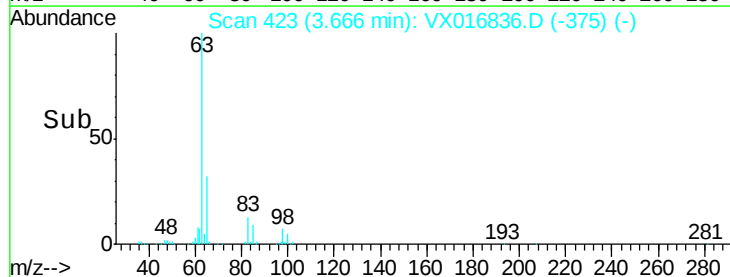
60000

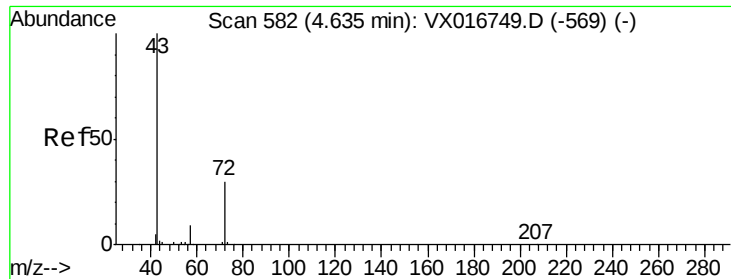
40000

20000

0

Time-->





#25

2-Butanone

Concen: 237.358 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 486265

Ion Ratio Lower Upper

43 100

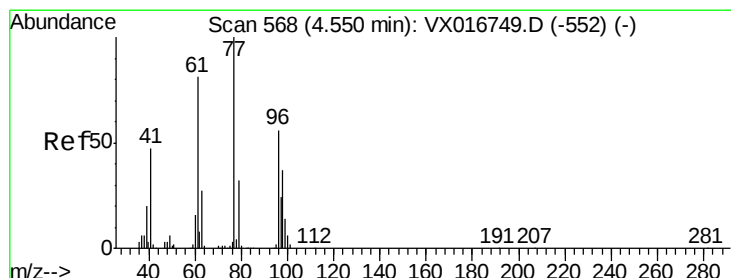
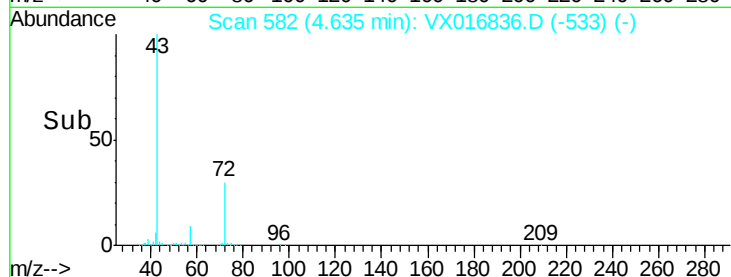
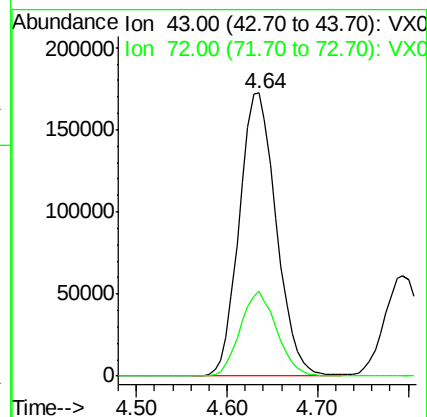
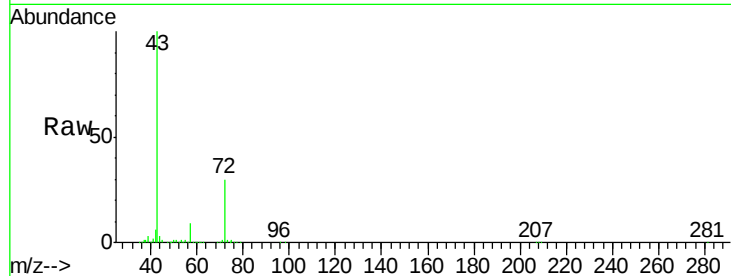
72 30.1 24.2 36.4

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#26

2,2-Dichloropropane

Concen: 39.297 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016836.D

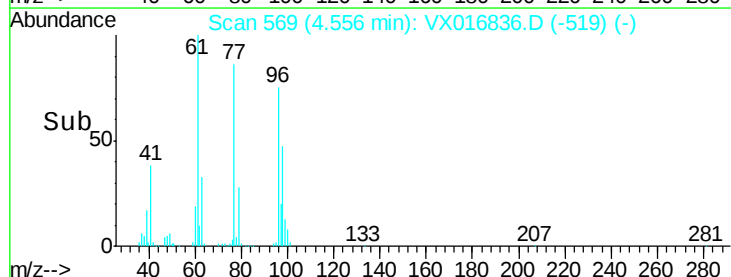
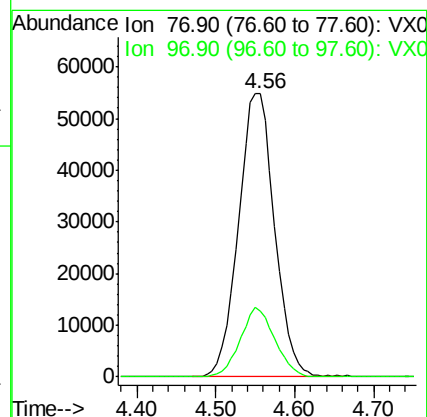
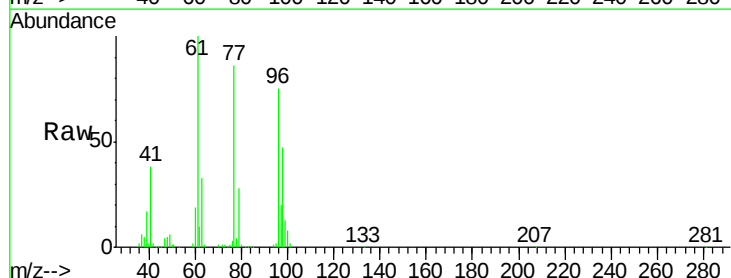
Acq: 17 Jun 2020 22:37

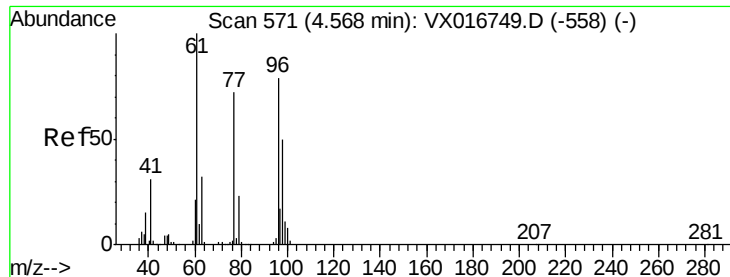
Tgt Ion: 77 Resp: 174098

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

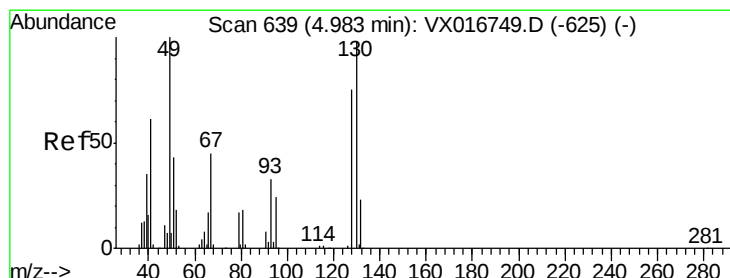
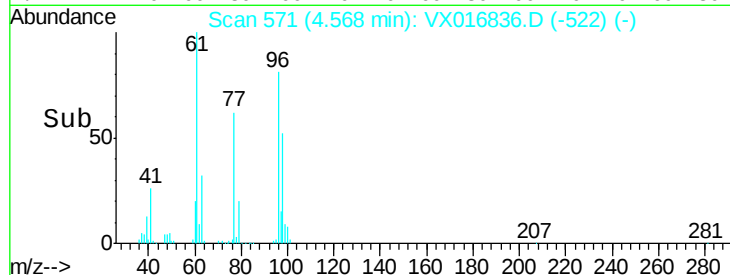
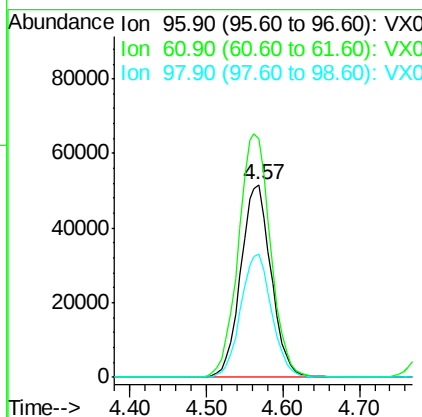
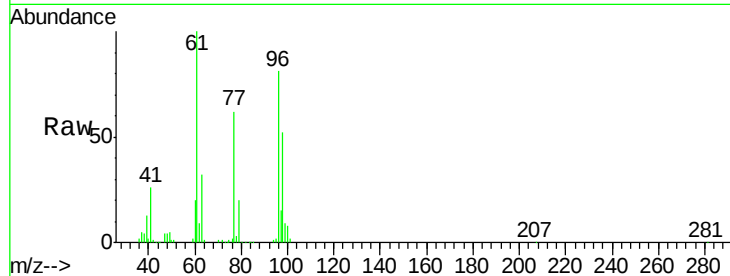
cis-1,2-Dichloroethene
Concen: 44.632 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	142747		
61	134.1	0.0	276.2	
98	65.2	0.0	130.0	

Manual Integrations
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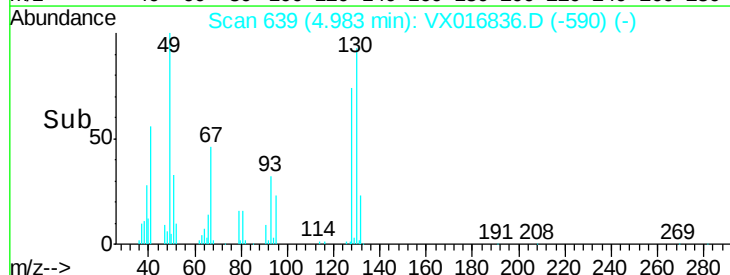
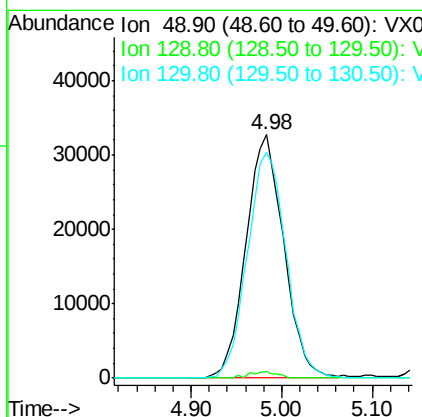
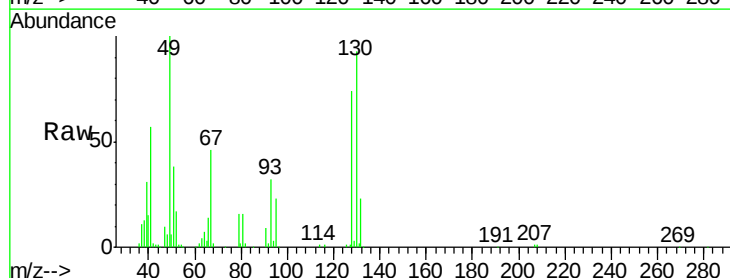
MMDadoda
6/18/2020 11:17:11 AM

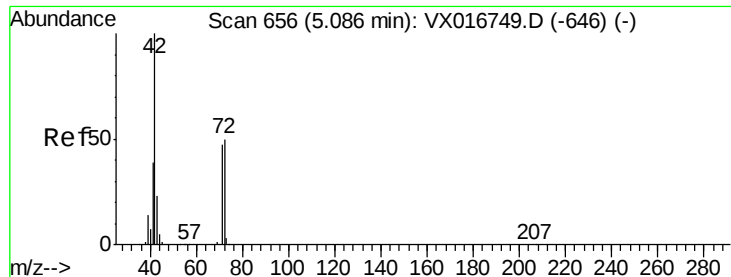


#28

Bromochloromethane
Concen: 46.315 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	94530		
129	1.9	0.0	2.8	
130	94.9	76.0	114.0	





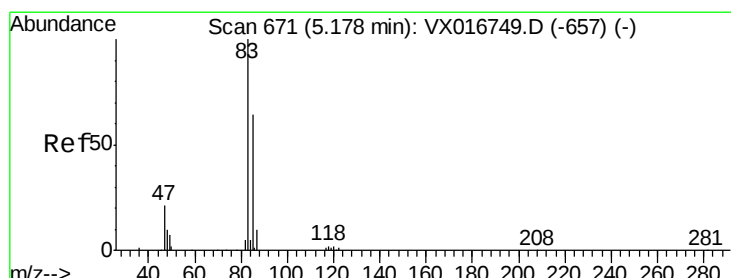
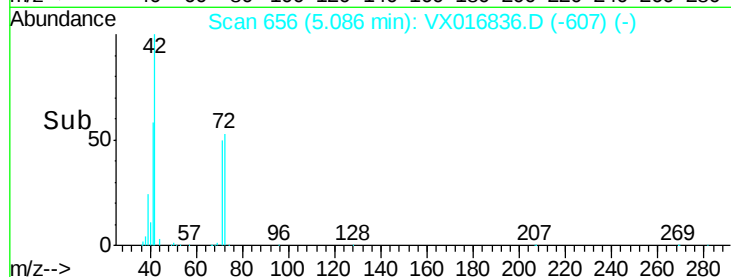
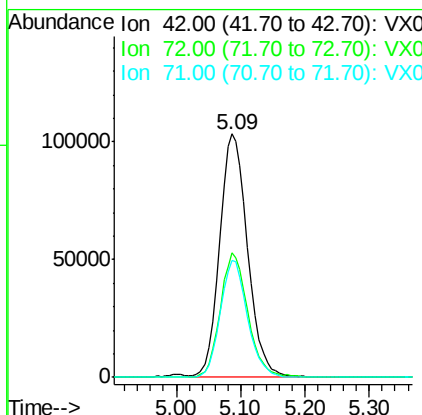
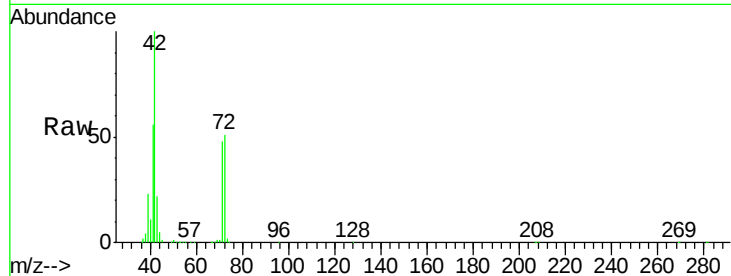
#29
Tetrahydrofuran
Concen: 236.959 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	314479
Ion	Ratio	Lower	Upper
42	100		
72	50.8	41.0	61.6
71	46.9	38.2	57.4

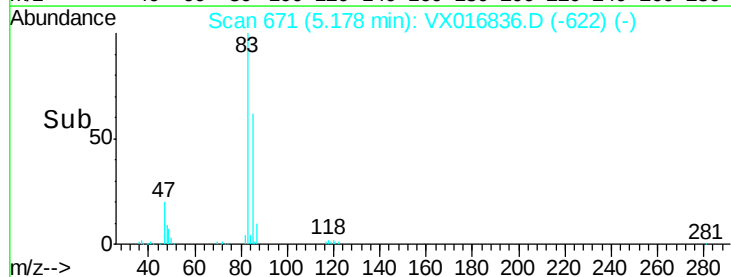
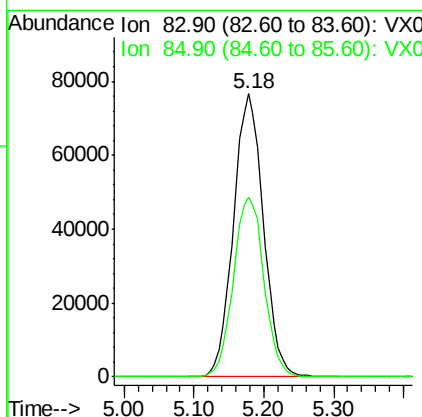
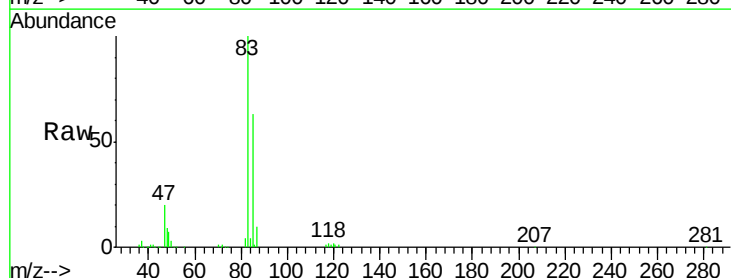
Manual Integrations
APPROVED

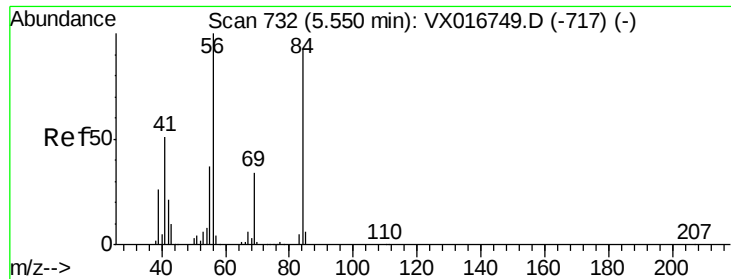
MMDadoda
6/18/2020 11:17:11 AM



#30
Chloroform
Concen: 45.072 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion:	83	Resp:	228150
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.8	76.2





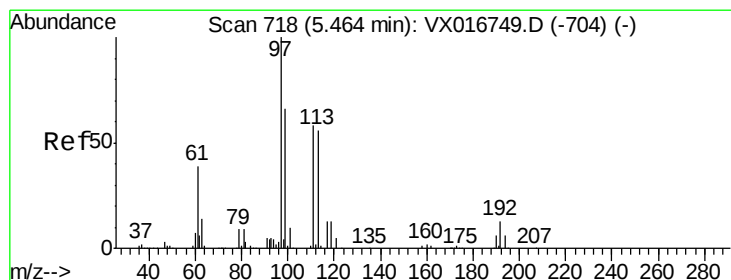
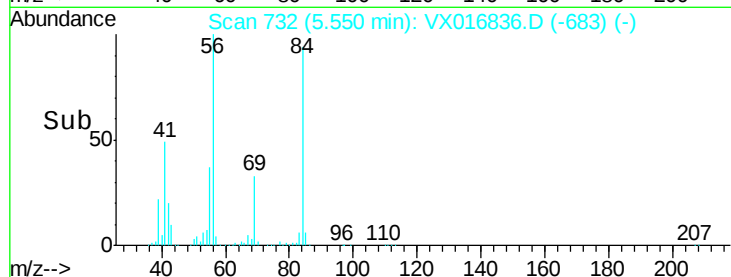
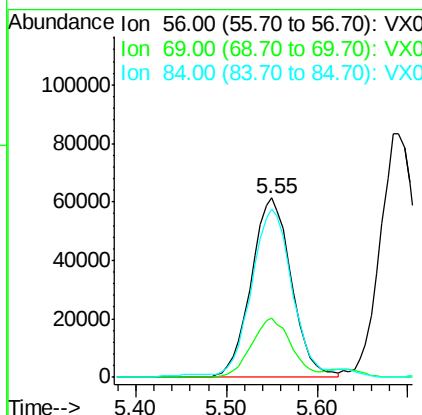
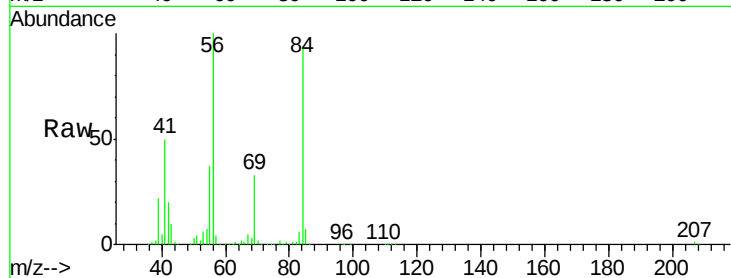
#31
Cyclohexane
Concen: 48.896 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	27.1	40.7
84	92.2	74.0	111.0

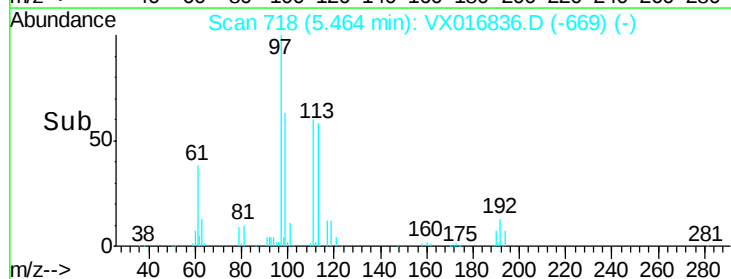
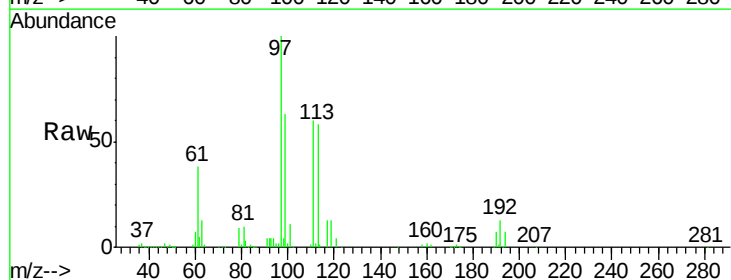
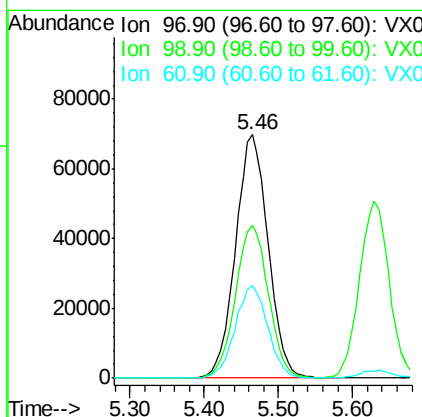
Manual Integrations
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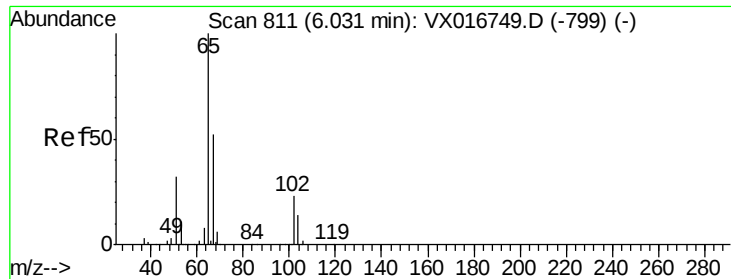
MMDadoda
6/18/2020 11:17:11 AM



#32
1,1,1-Trichloroethane
Concen: 46.576 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.5	77.3
61	38.3	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 53.982 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 161775

Ion Ratio Lower Upper

65 100

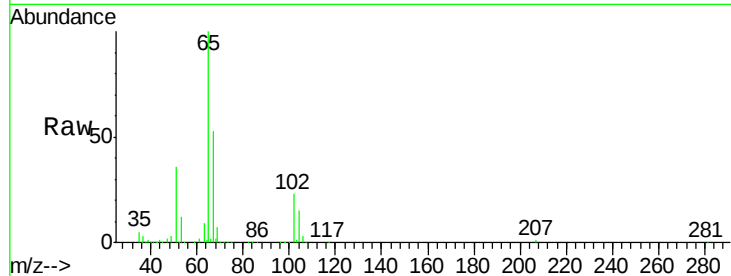
67 53.1 0.0 103.0

Manual Integrations

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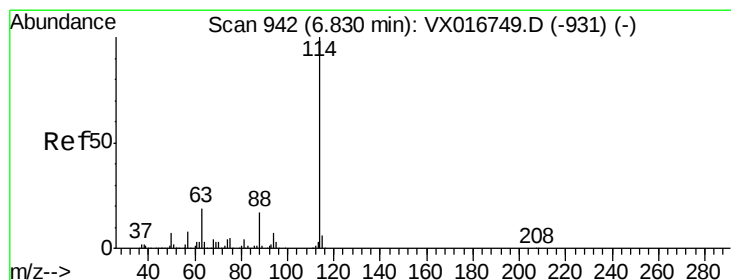
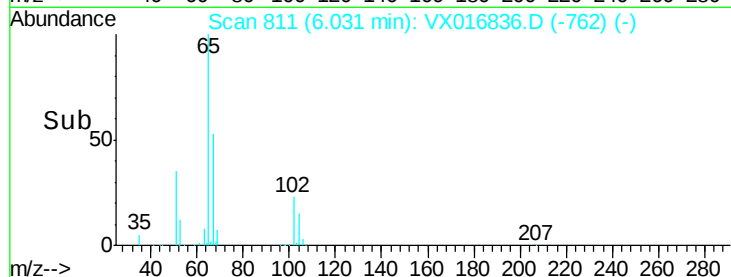
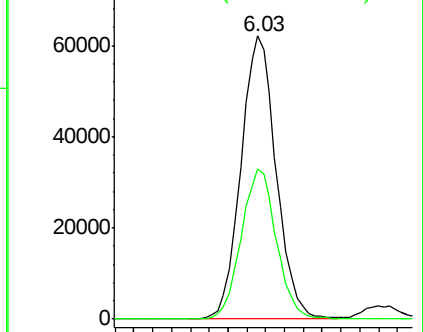
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

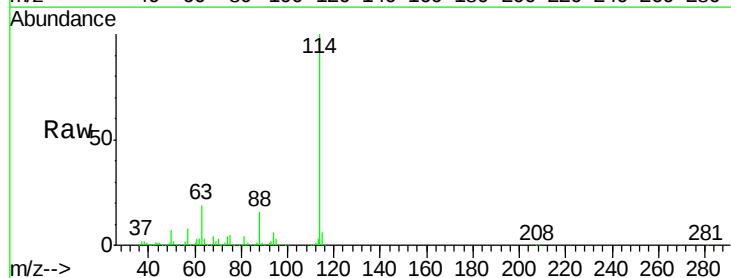
Tgt Ion: 114 Resp: 400241

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

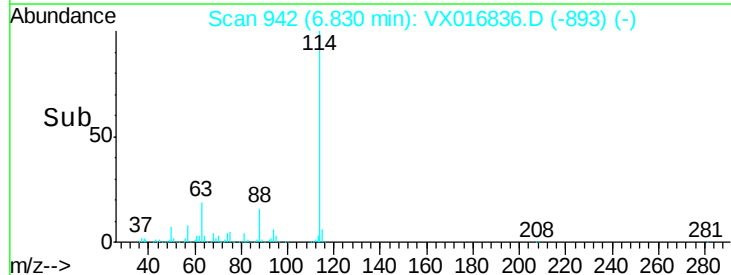
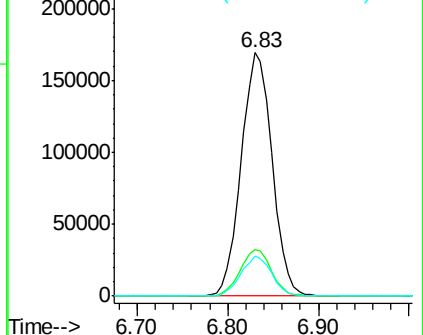
88 16.3 0.0 33.4

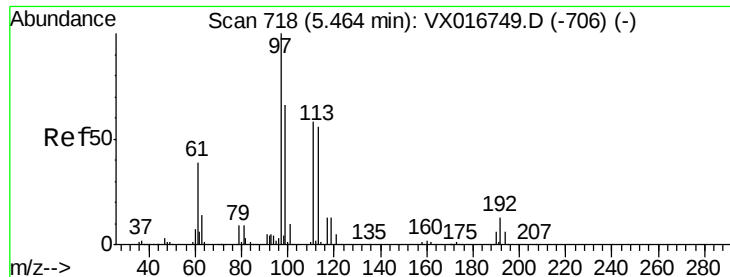


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





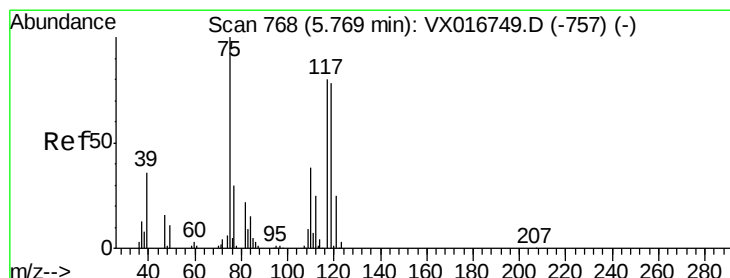
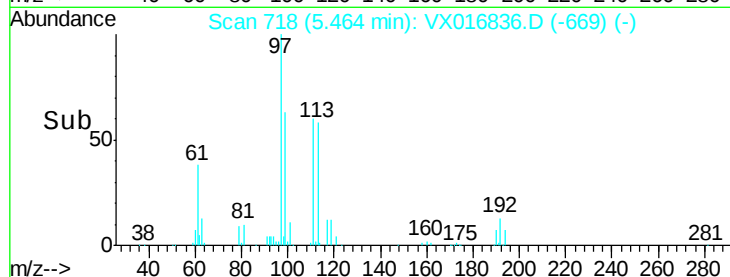
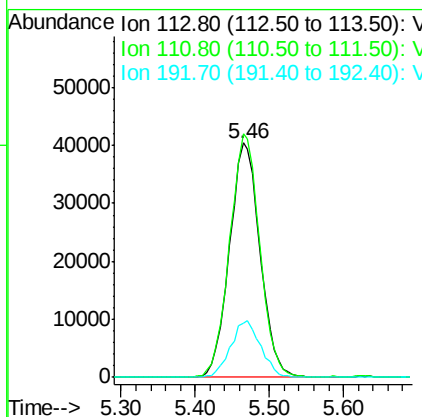
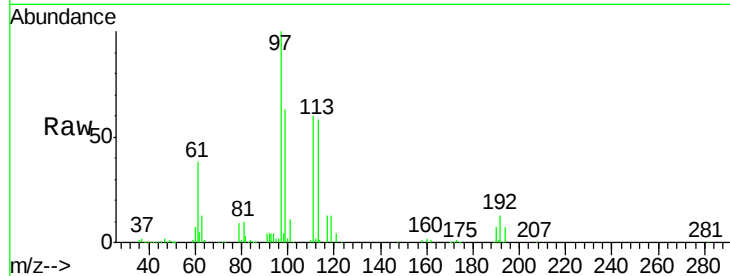
#35
 Dibromofluoromethane
 Concen: 47.113 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116343		
111	102.4	81.8	122.6	
192	23.9	18.2	27.4	

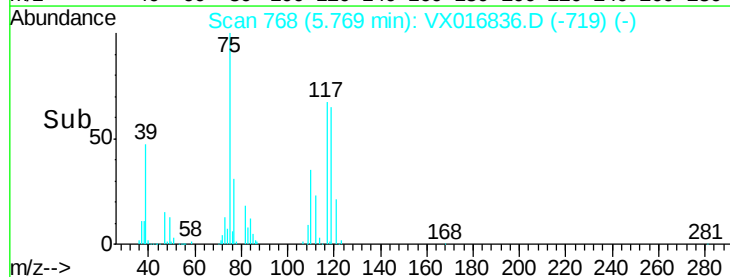
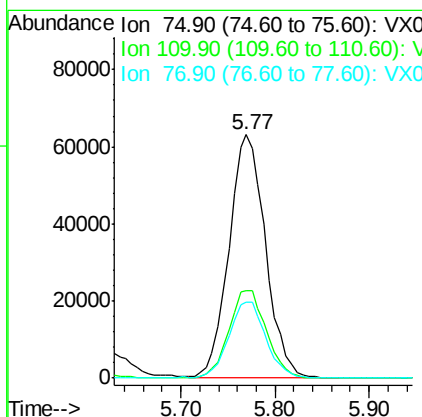
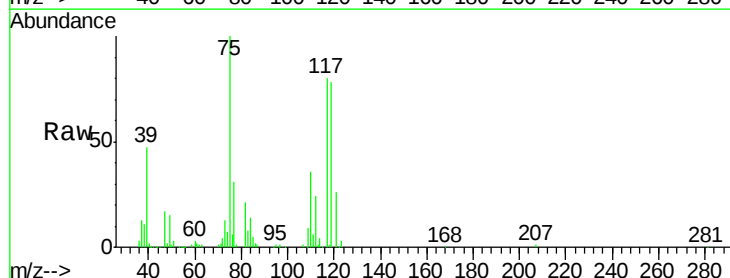
Manual Integrations
 APPROVED

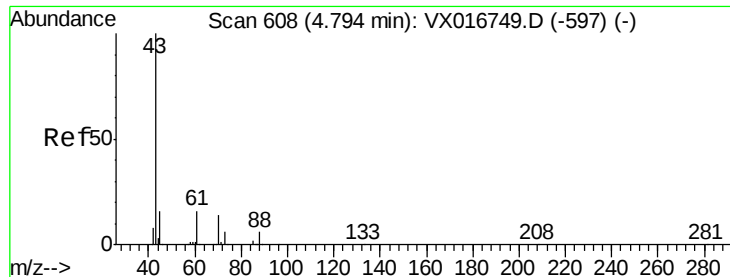
MMDadoda
 6/18/2020 11:17:11 AM



#36
 1,1-Dichloropropene
 Concen: 47.997 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	169768		
110	37.0	18.4	55.2	
77	32.4	24.7	37.1	





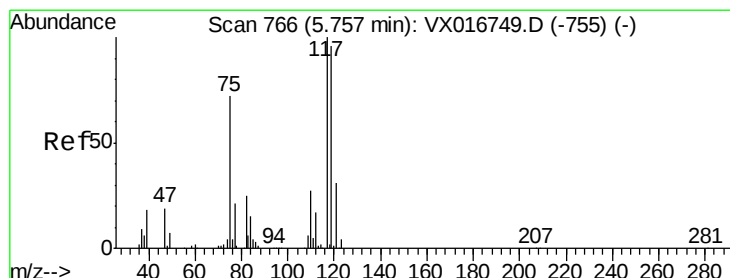
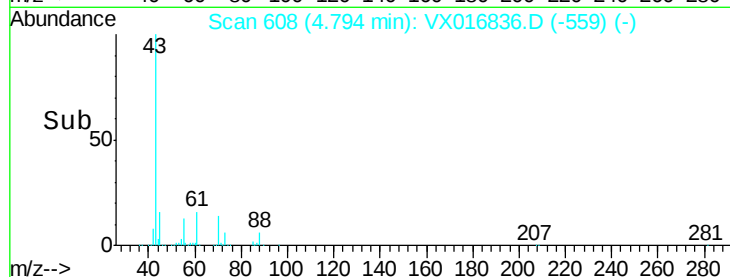
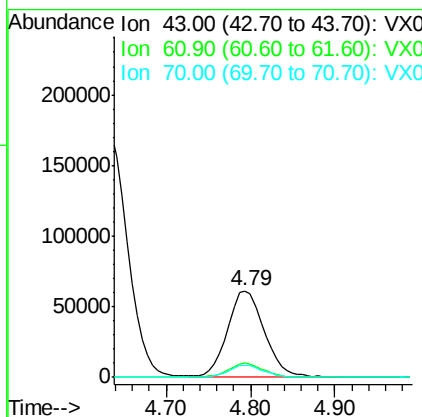
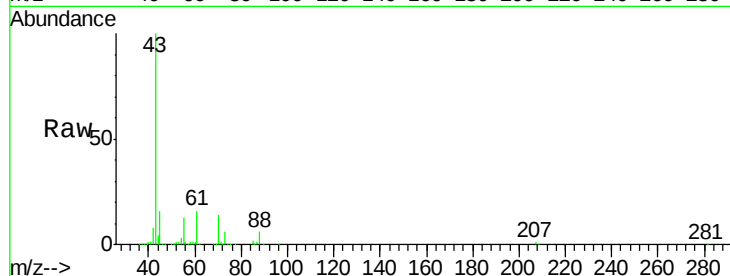
#37
Ethyl Acetate
Concen: 46.514 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.4	18.6
70	13.3	10.8	16.2

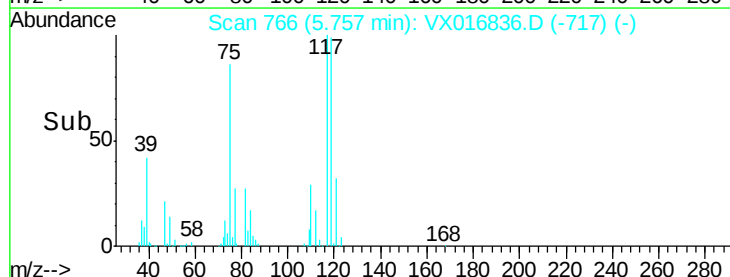
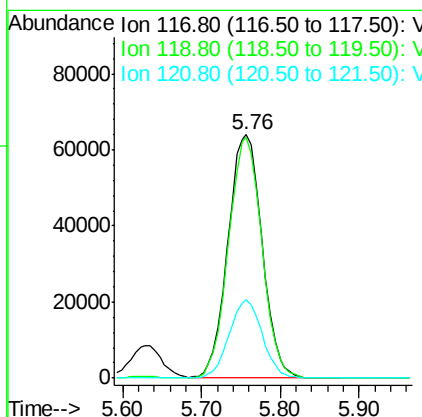
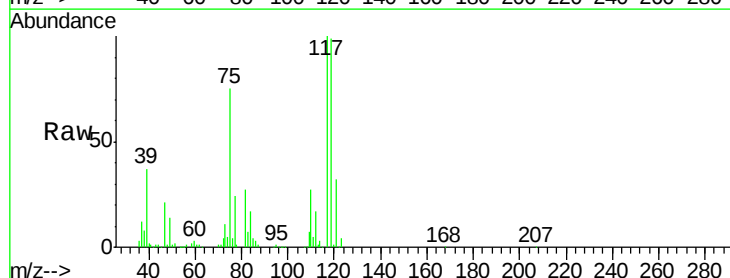
Manual Integrations
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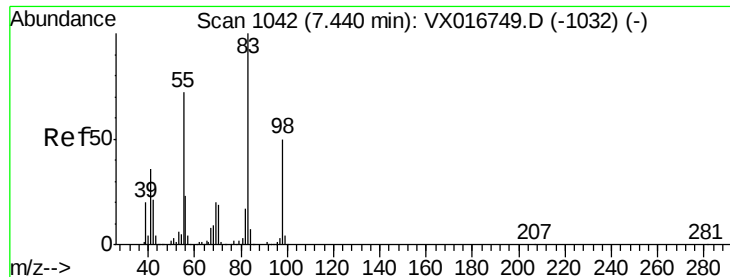
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6/18/2020 11:17:11 AM



#38
Carbon Tetrachloride
Concen: 48.015 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.7	115.1
121	32.0	24.7	37.1





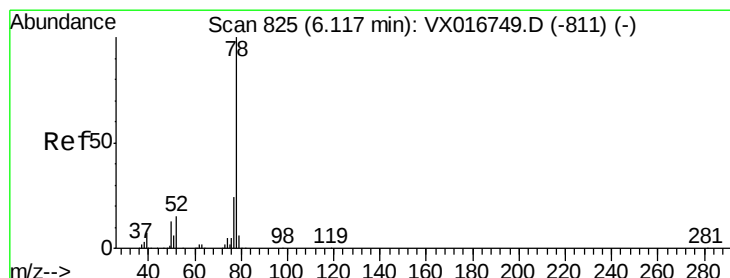
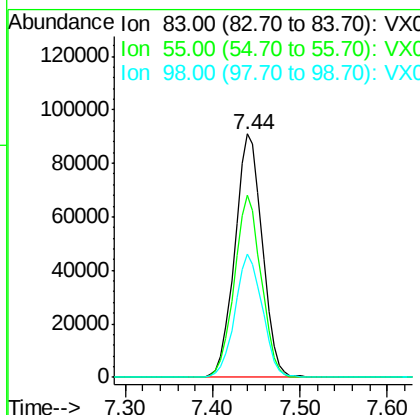
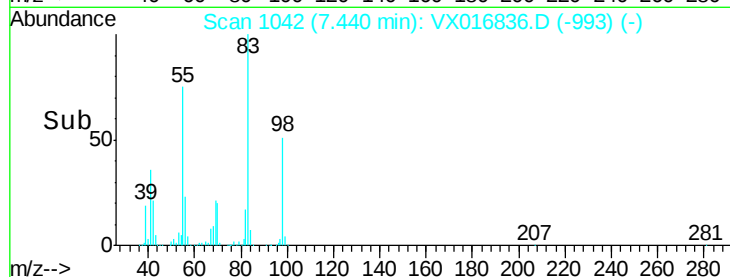
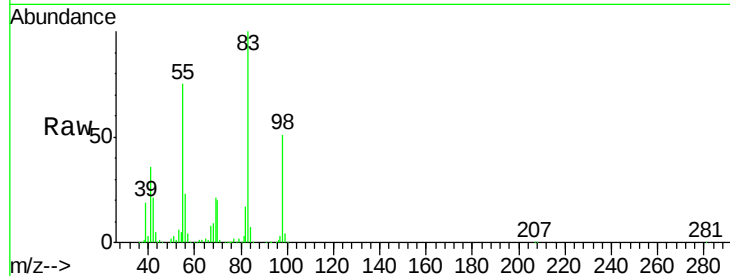
#39
Methvlcvclohexane
Concen: 48.281 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	57.3	85.9
98	50.7	40.3	60.5

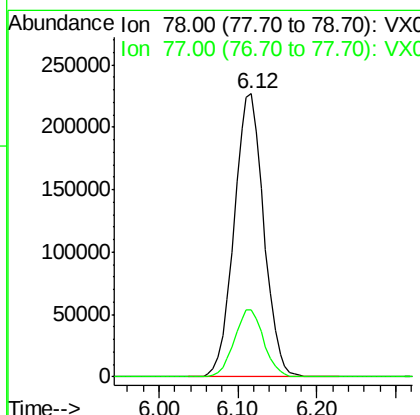
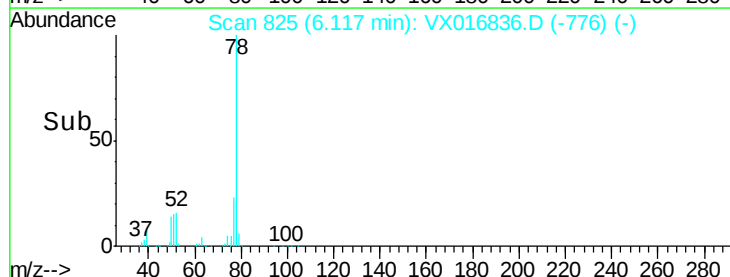
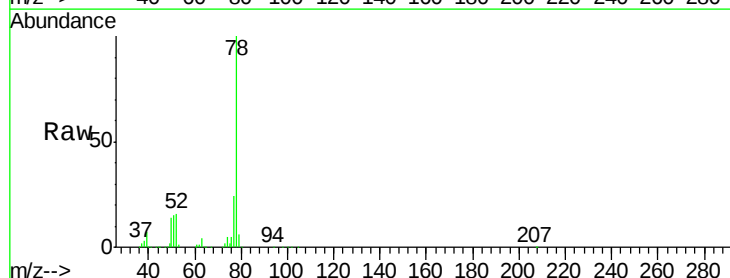
Manual Integrations
APPROVED

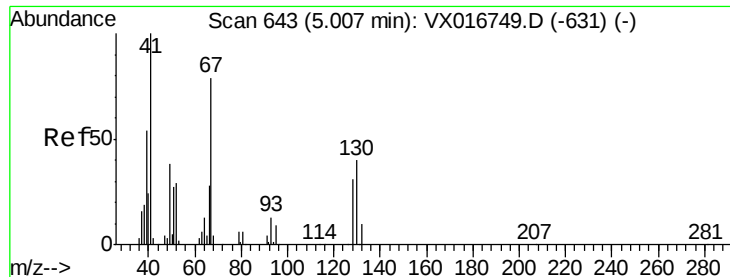
MMDadoda
6/18/2020 11:17:11 AM



#40
Benzene
Concen: 54.985 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





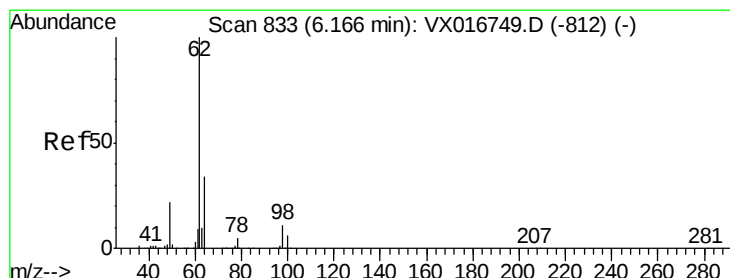
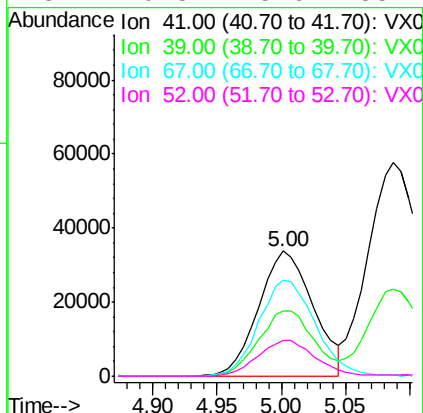
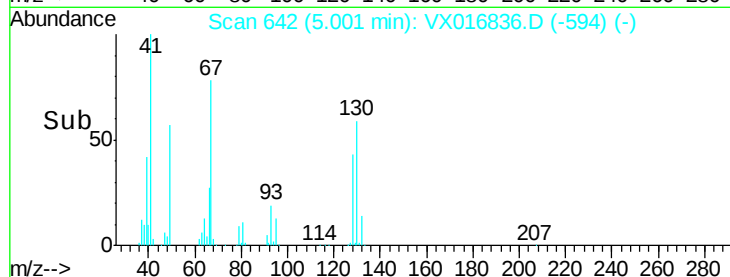
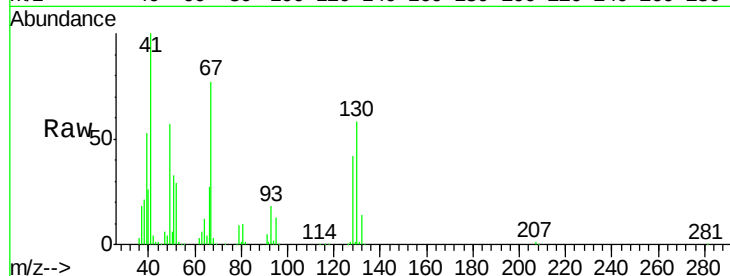
#41
Methacrylonitrile
Concen: 47.957 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	43.7	65.5	
67	79.8	64.6	96.8	
52	29.8	25.6	38.4	

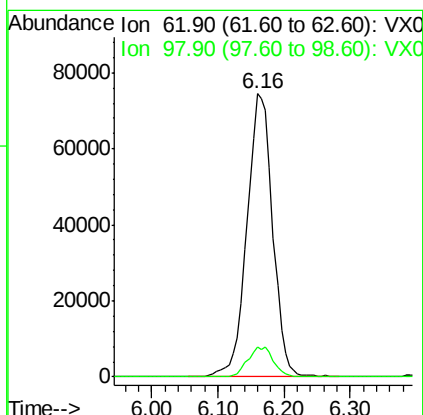
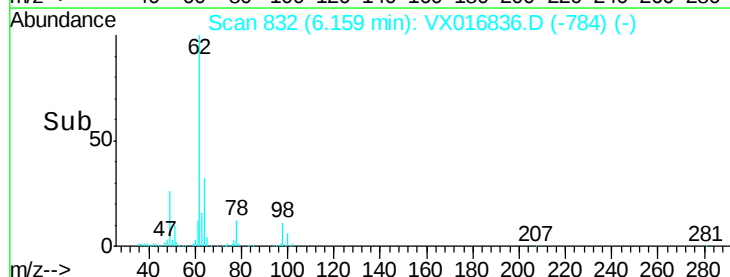
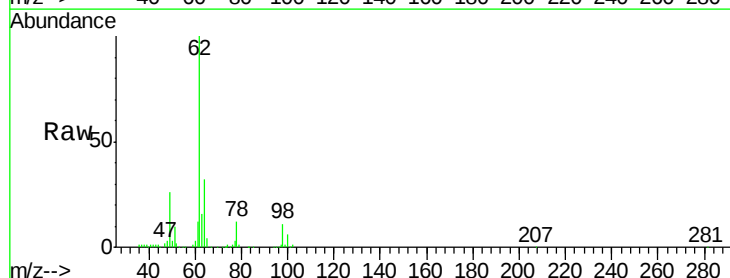
Manual Integrations
APPROVED

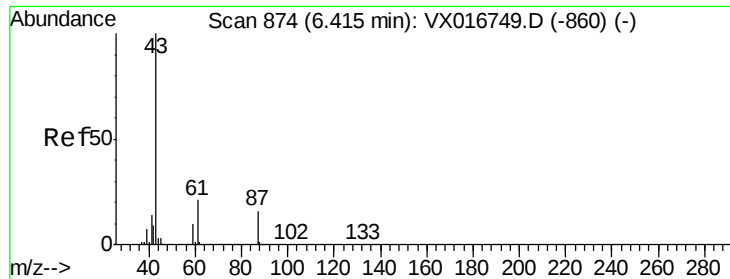
MMDadoda
6/18/2020 11:17:11 AM



#42
1,2-Dichloroethane
Concen: 51.499 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.2	





#43

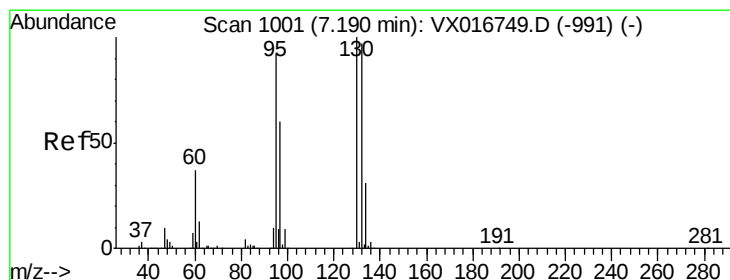
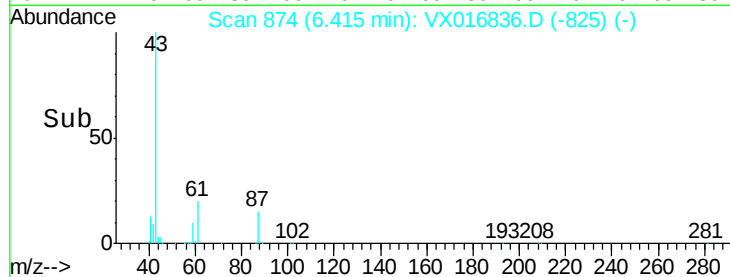
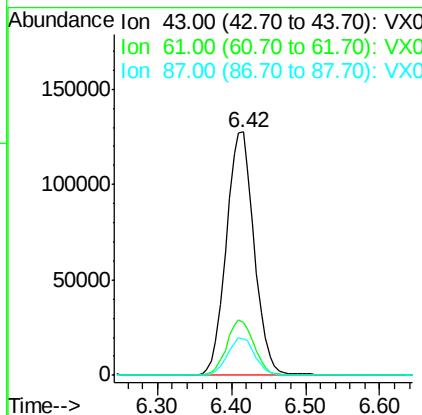
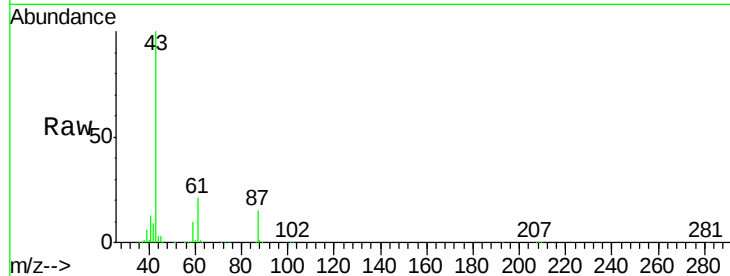
Isopropyl Acetate
 Concen: 54.661 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.7	26.5
87	15.4	12.5	18.7

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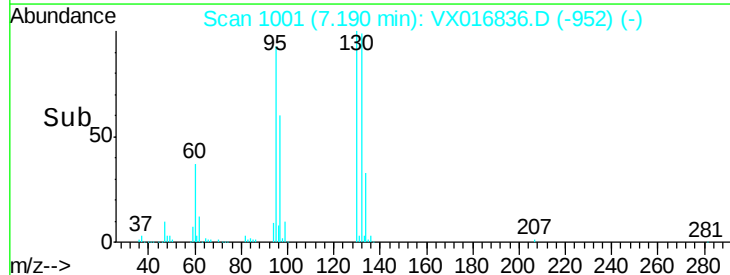
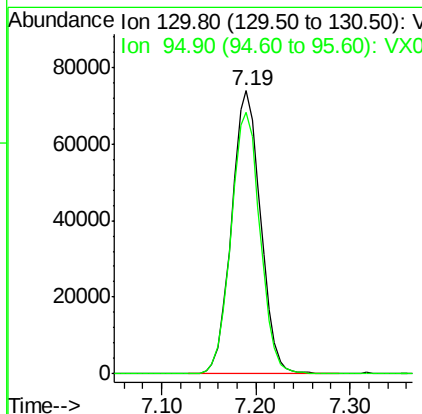
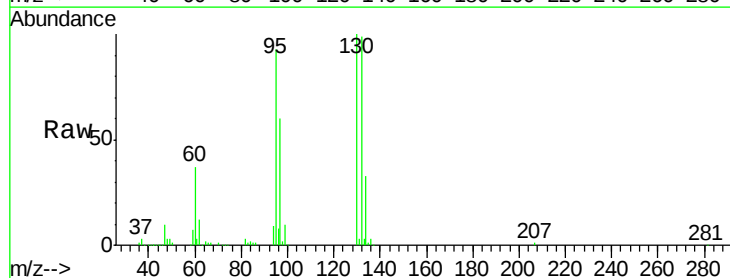
MMDadoda
 6/18/2020 11:17:11 AM

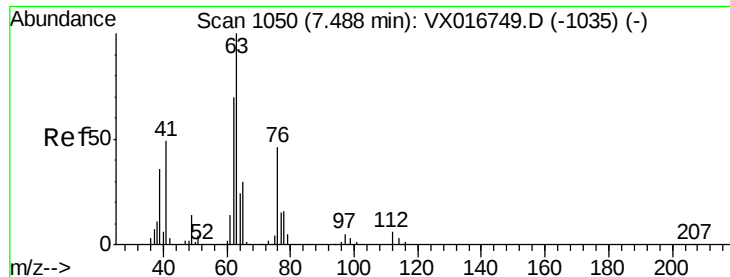


#44

Trichloroethene
 Concen: 47.448 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	183.6





#45

1,2-Dichloropropane

Concen: 47.797 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 126180

Ion Ratio Lower Upper

63 100

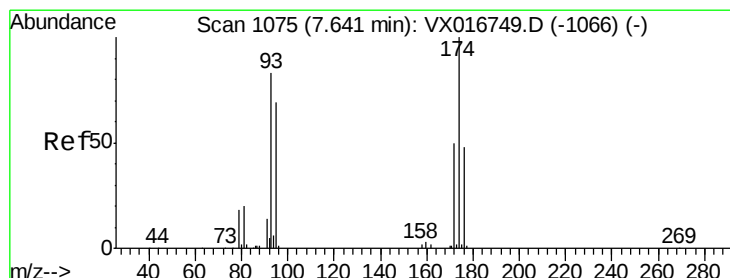
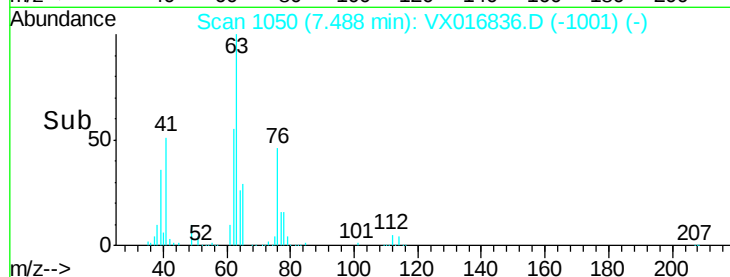
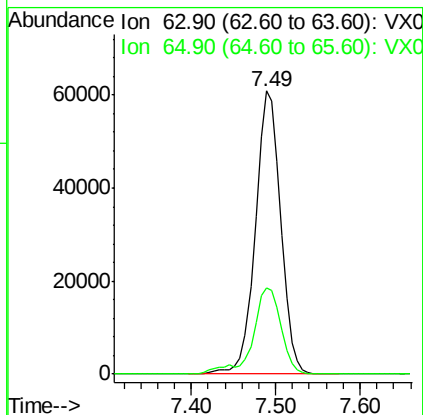
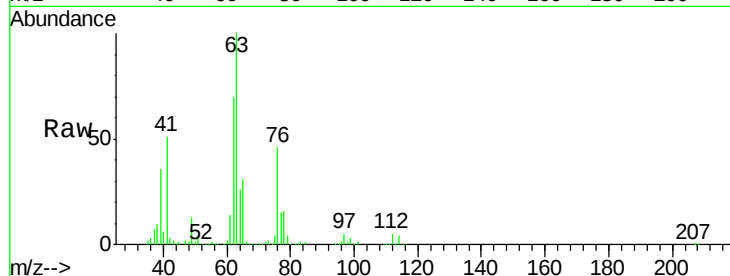
65 30.6 24.2 36.2

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#46

Dibromomethane

Concen: 46.641 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

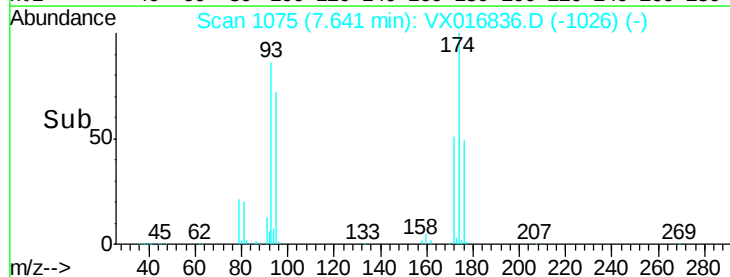
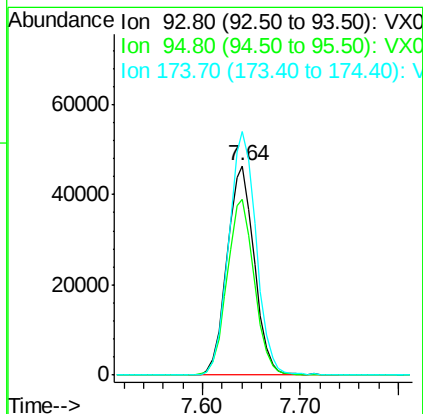
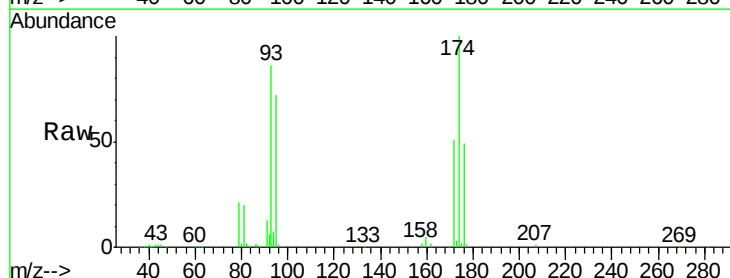
Tgt Ion: 93 Resp: 89741

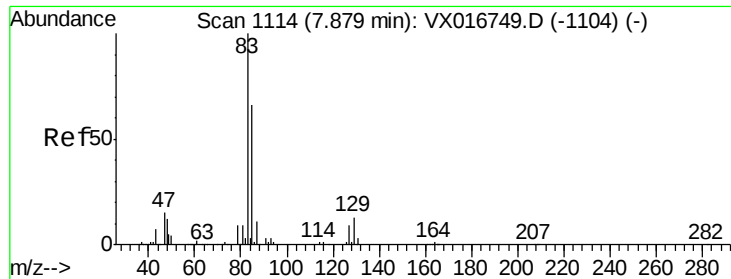
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 117.0 93.8 140.8





#47

Bromodichloromethane

Concen: 47.191 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

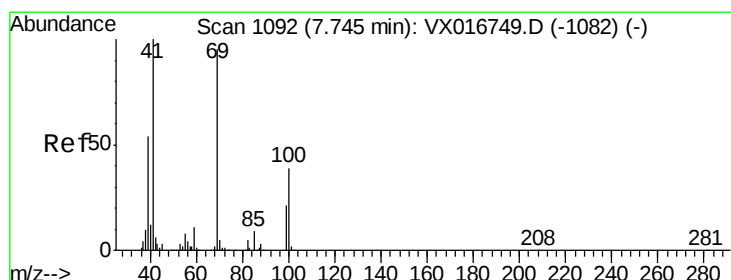
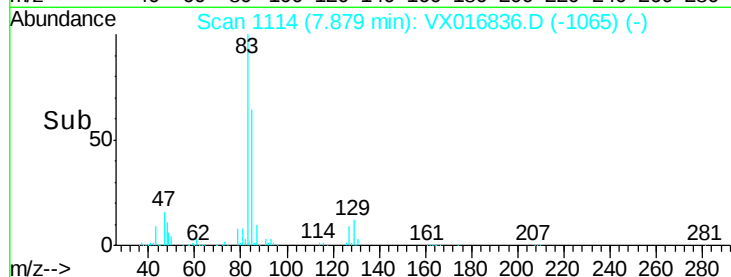
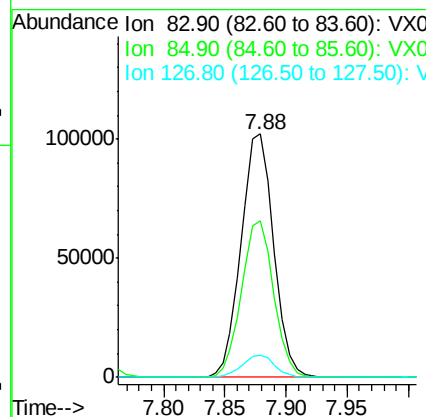
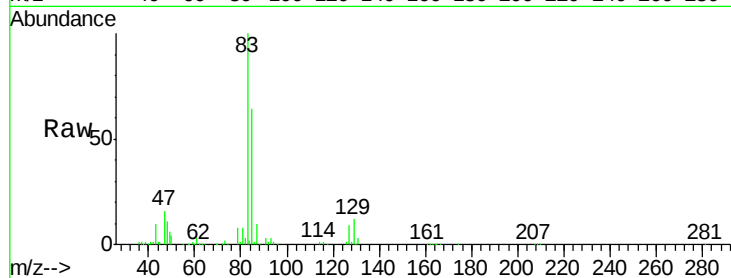
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	189297
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.5	78.7
127	9.0	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.108 ug/l

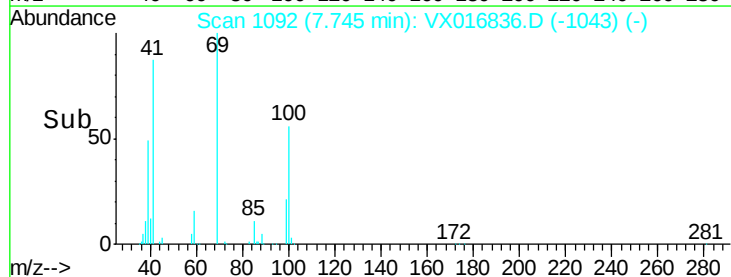
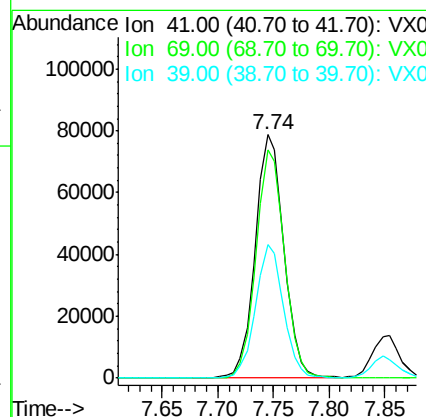
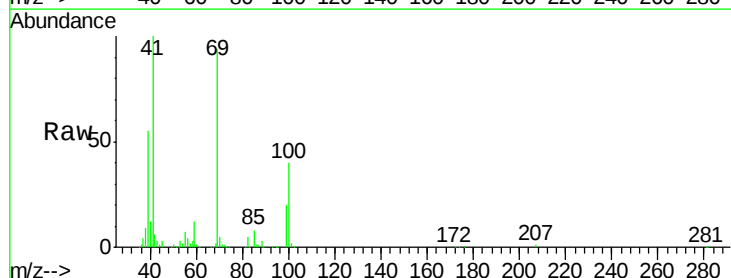
RT: 7.74 min Scan# 1092

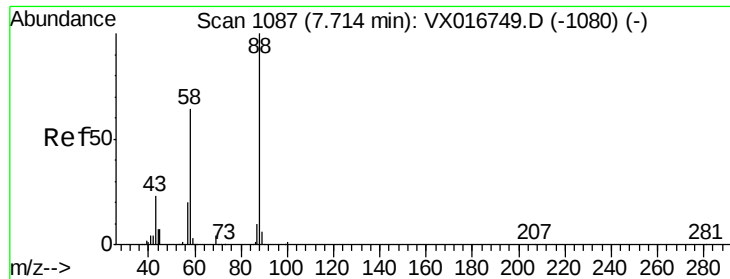
Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion:	41	Resp:	141299
Ion Ratio	Lower	Upper	
41	100		
69	93.3	75.0	112.6
39	53.7	44.3	66.5





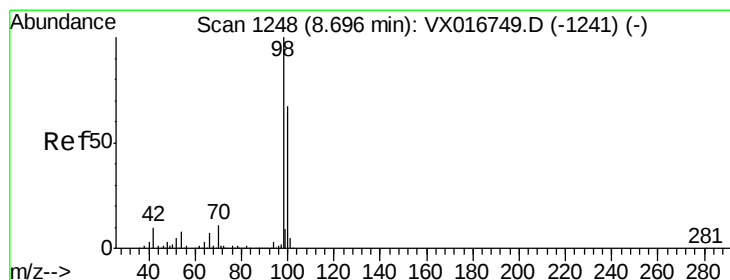
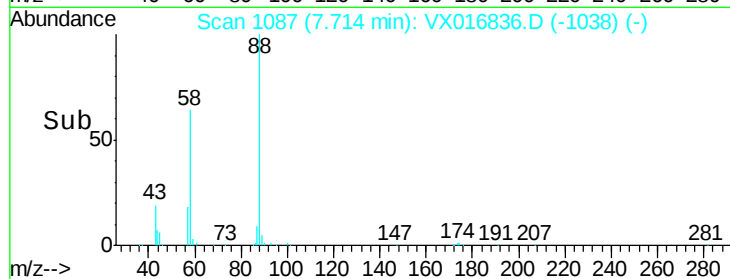
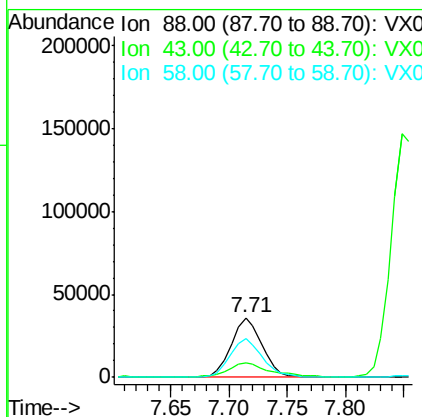
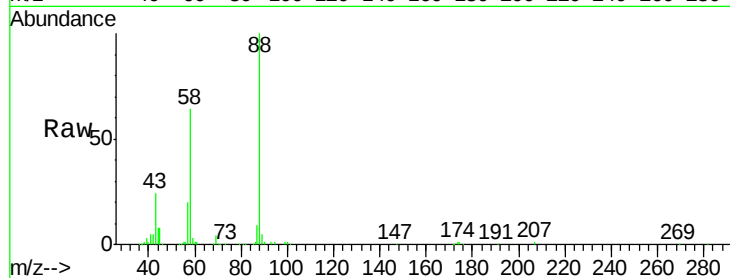
#49
 1,4-Dioxane
 Concen: 935.358 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.9	34.3
58	67.5	53.7	80.5

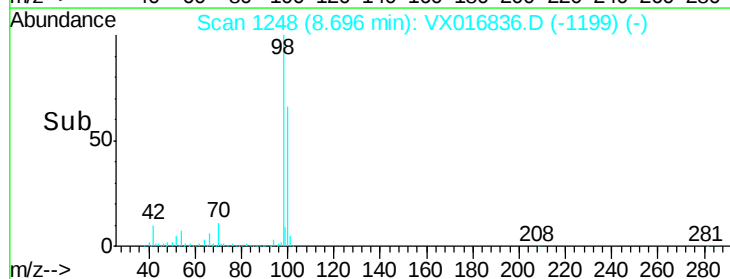
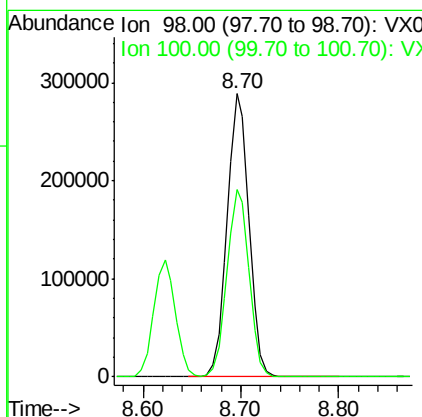
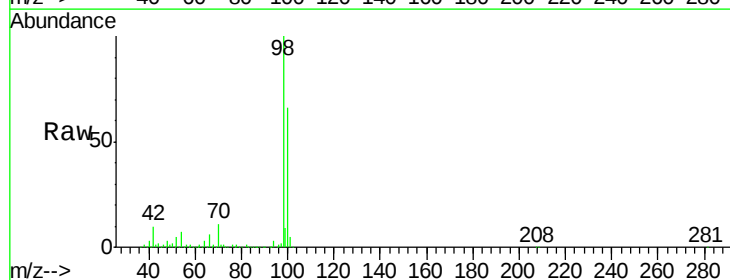
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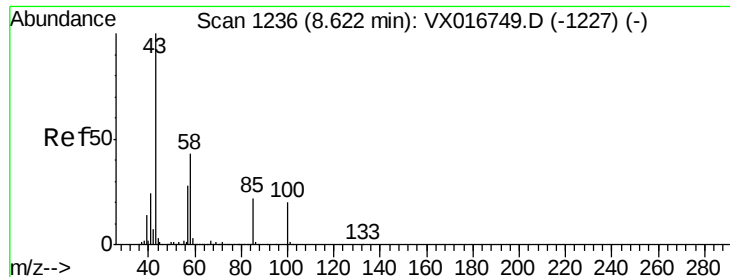
MMDadoda
 6/18/2020 11:17:11 AM



#50
 Toluene-d8
 Concen: 48.916 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 248.368 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 929118

Ion Ratio Lower Upper

43 100

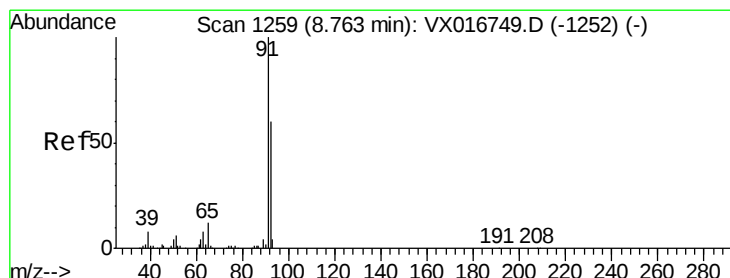
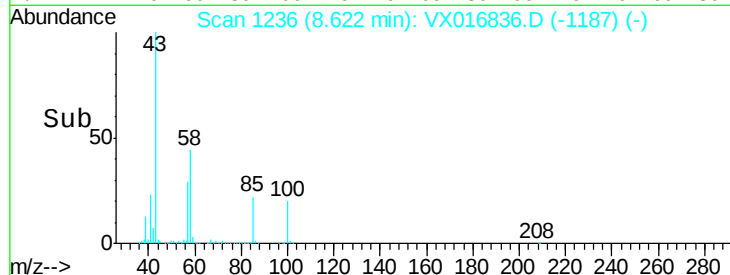
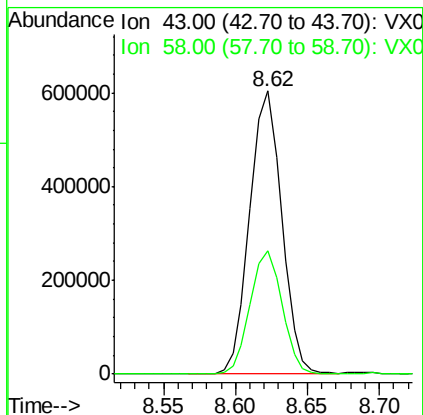
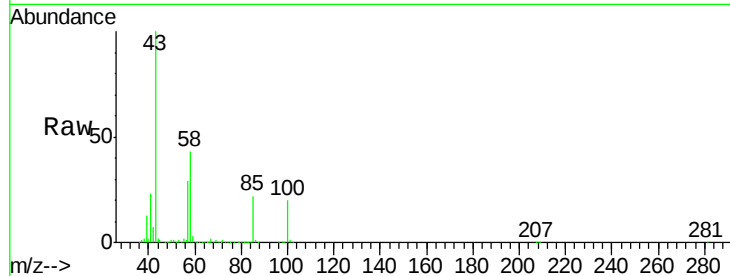
58 43.7 34.6 52.0

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#52

Toluene

Concen: 47.952 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016836.D

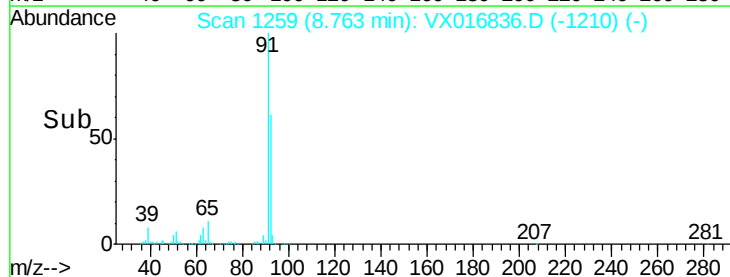
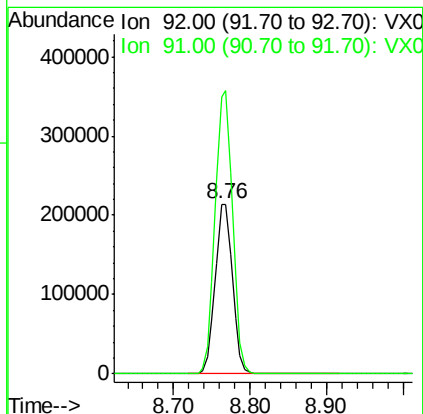
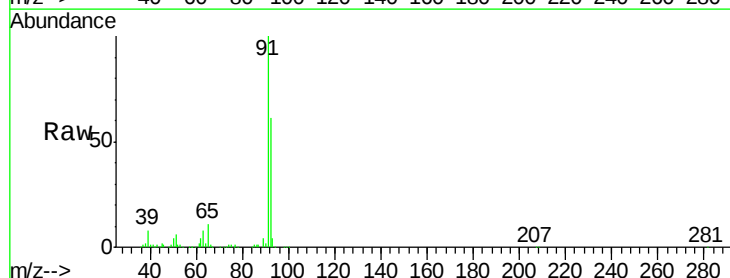
Acq: 17 Jun 2020 22:37

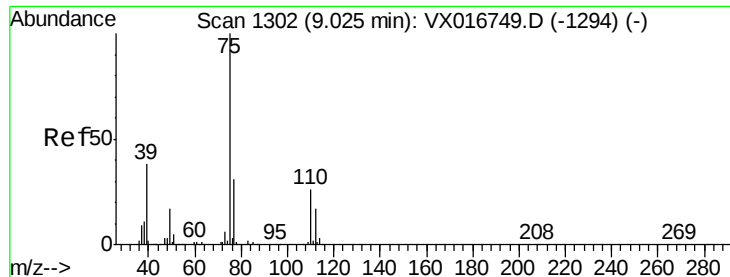
Tgt Ion: 92 Resp: 335428

Ion Ratio Lower Upper

92 100

91 168.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 55.812 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 252867

Ion Ratio Lower Upper

75 100

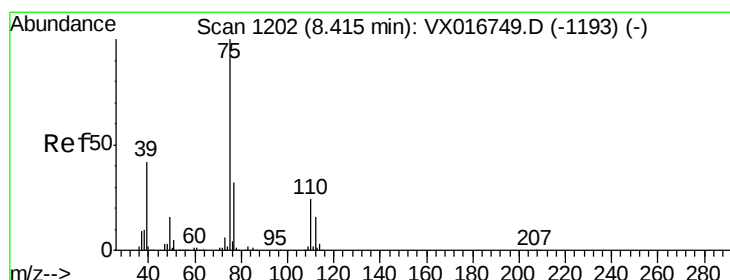
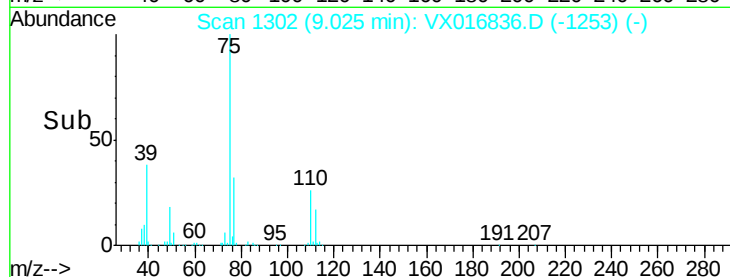
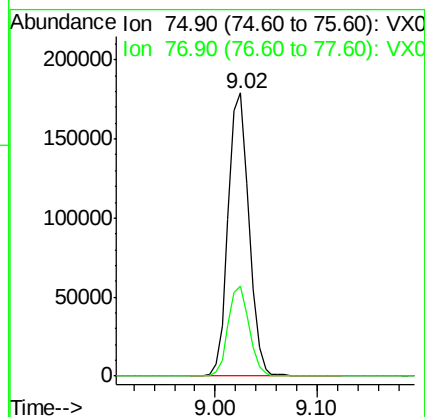
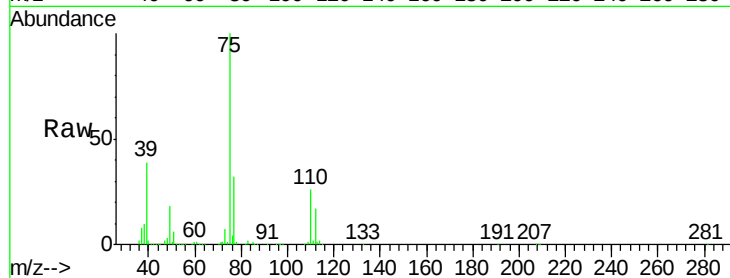
77 32.0 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 46.516 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

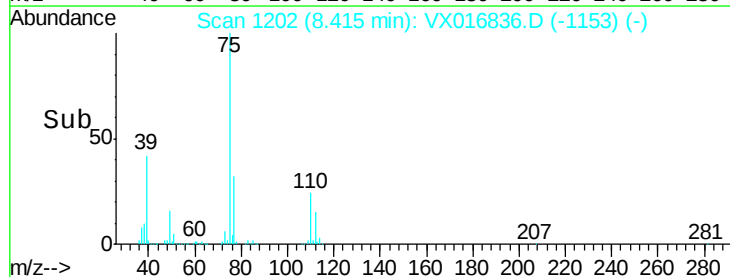
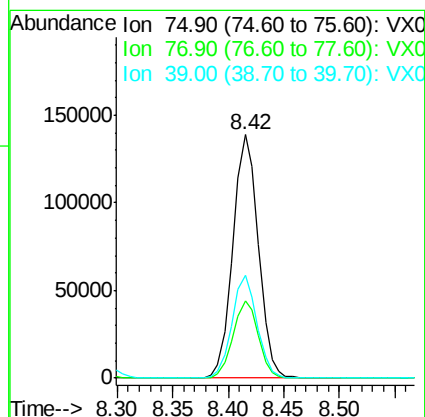
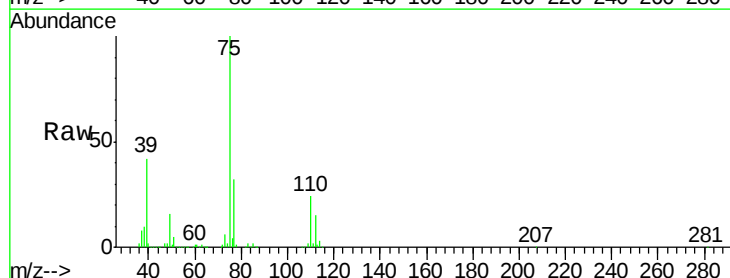
Tgt Ion: 75 Resp: 219832

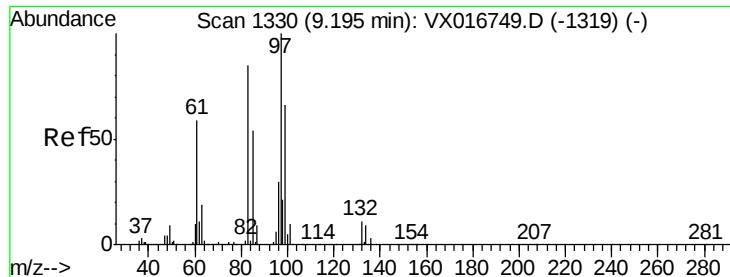
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 41.9 33.7 50.5





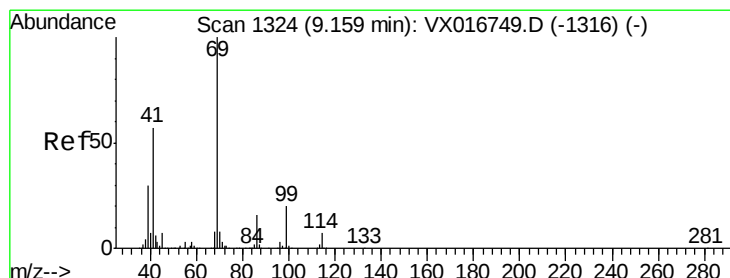
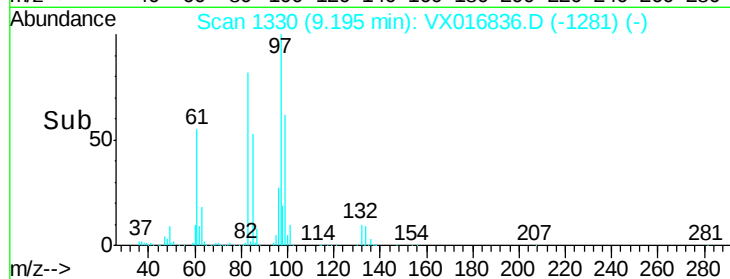
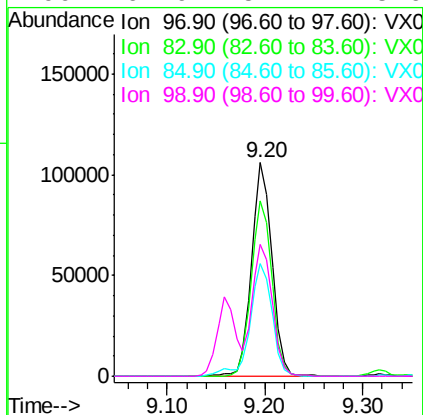
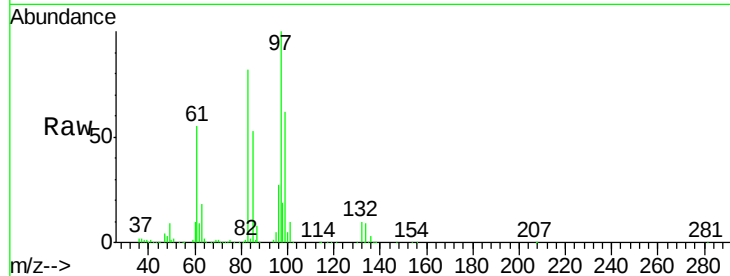
#55
 1,1,2-Trichloroethane
 Concen: 54.668 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		153790		
83	82.3	68.3	102.5		
85	53.0	43.5	65.3		
99	61.9	52.4	78.6		

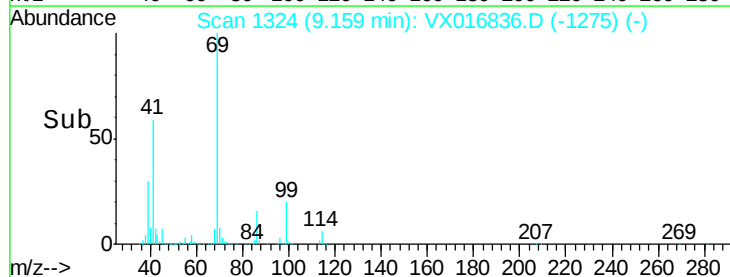
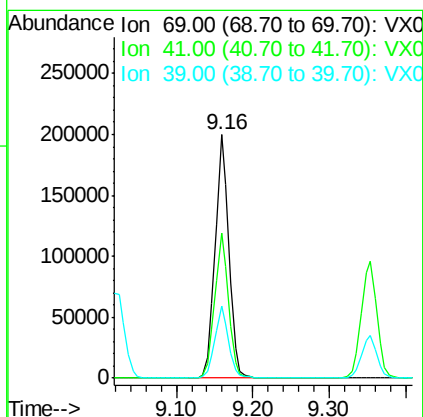
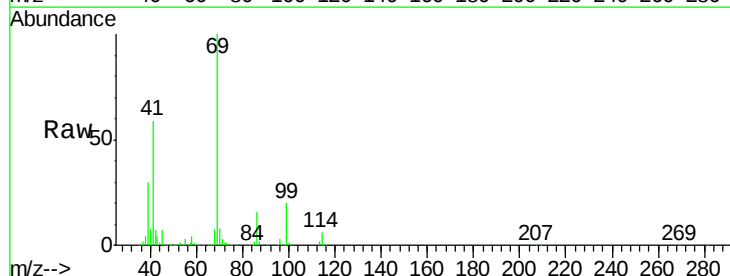
Manual Integrations
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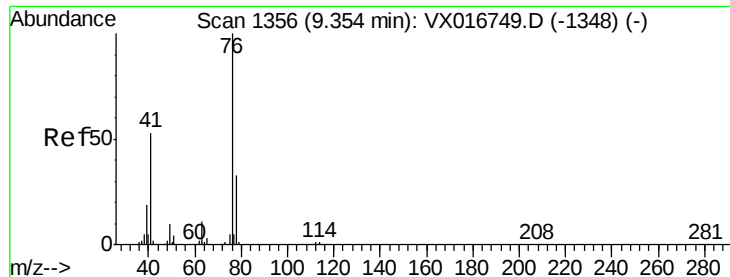
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#56
 Ethyl methacrylate
 Concen: 59.284 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		249701		
41	59.7	47.1	70.7		
39	29.4	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 53.700 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 253937

Ion Ratio Lower Upper

76 100

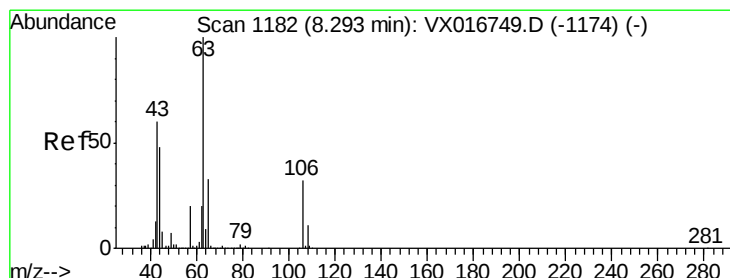
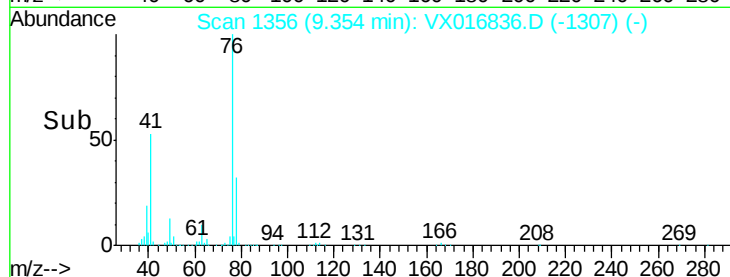
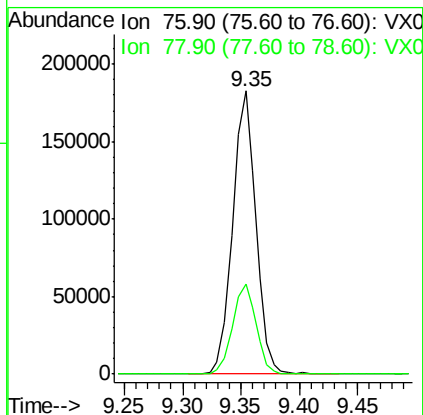
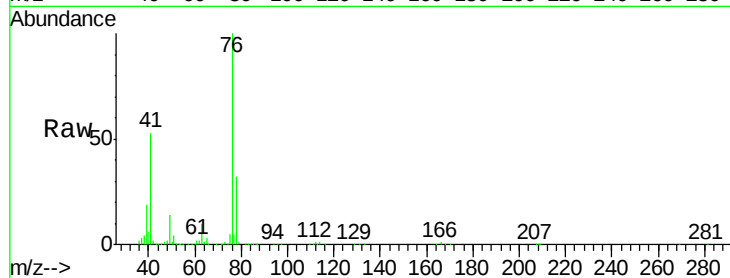
78 32.4 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 259.956 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016836.D

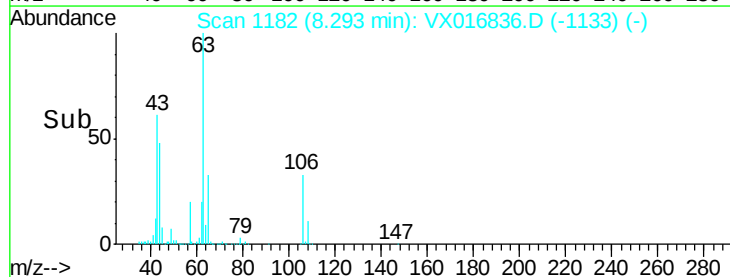
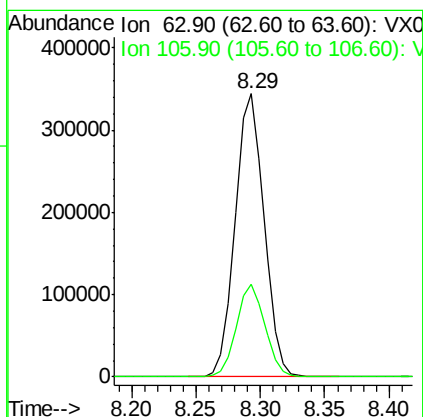
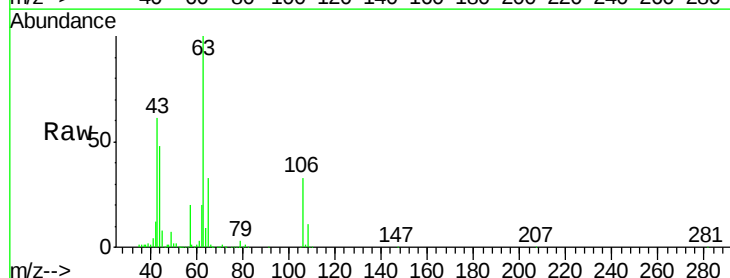
Acq: 17 Jun 2020 22:37

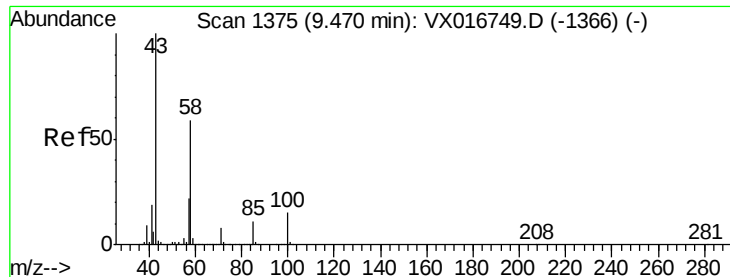
Tgt Ion: 63 Resp: 538358

Ion Ratio Lower Upper

63 100

106 32.2 25.5 38.3





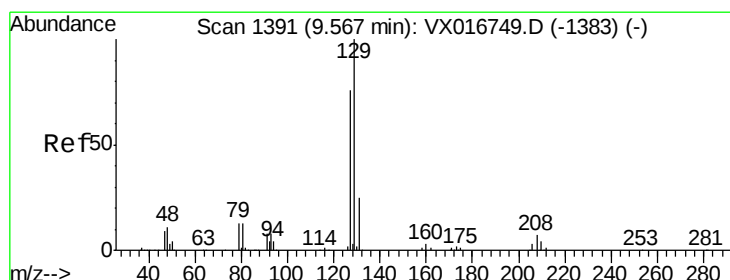
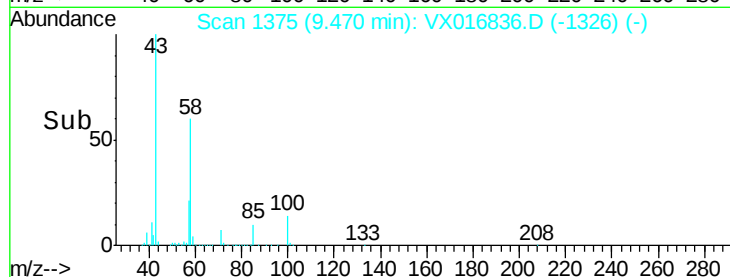
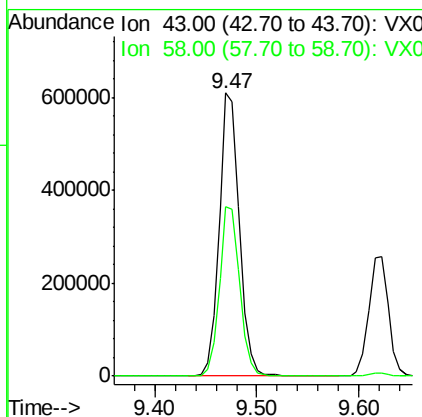
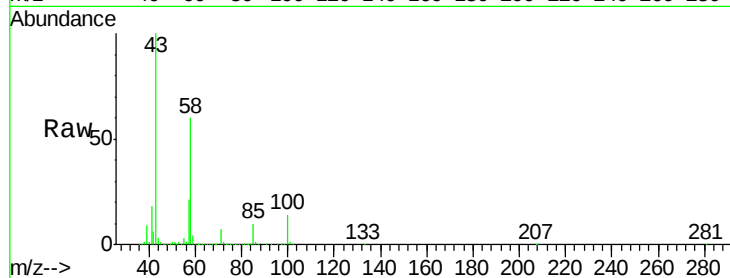
#59
2-Hexanone
Concen: 291.733 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.3	29.9	89.8

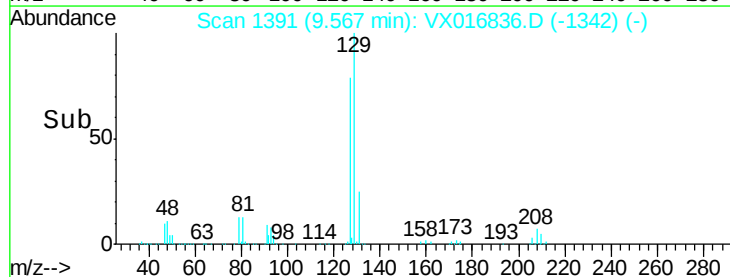
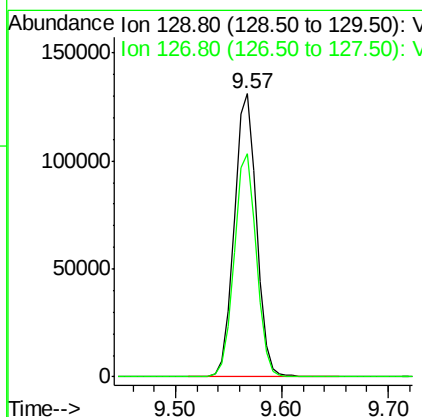
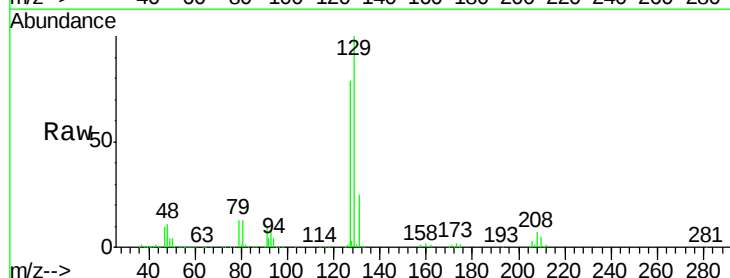
Manual Integrations
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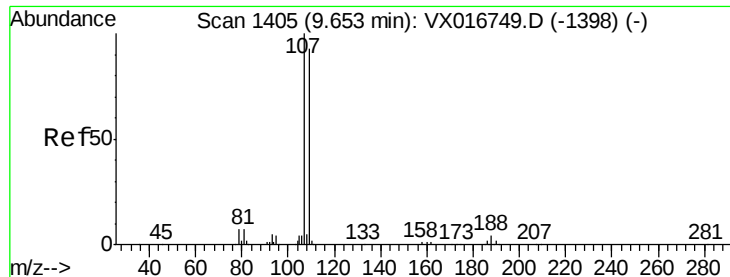
MMDadoda
6/18/2020 11:17:11 AM



#60
Dibromochloromethane
Concen: 57.939 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.7	116.1





#61

1,2-Dibromoethane

Concen: 58.673 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 179883

Ion Ratio Lower Upper

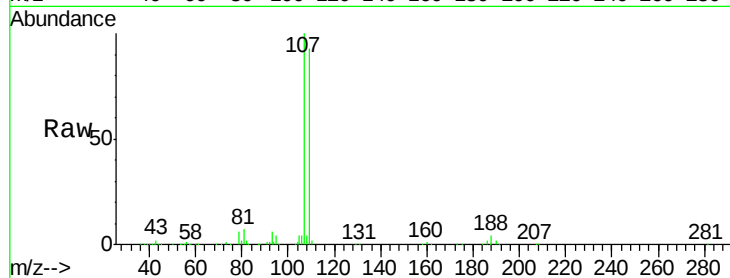
107 100

109 95.0 74.2 111.4

Manual Integrations
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MMDadoda

6/18/2020 11:17:11 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

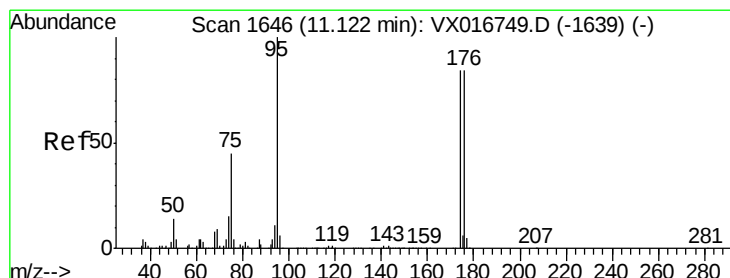
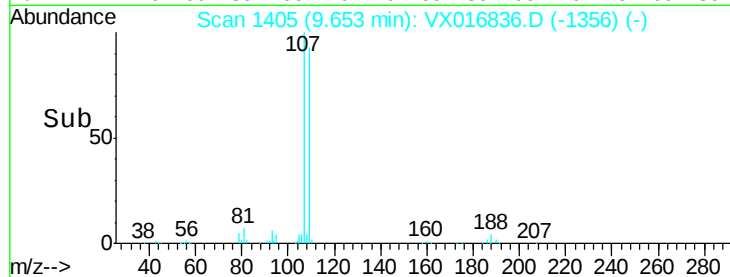
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.324 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

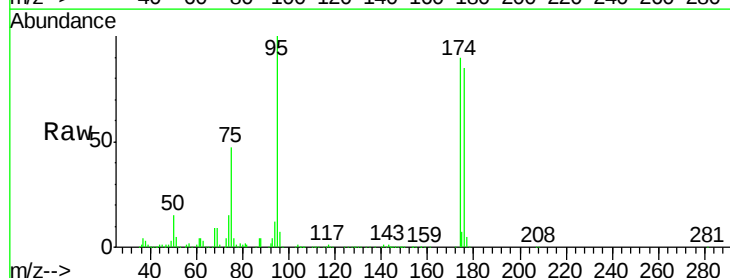
Tgt Ion: 95 Resp: 171788

Ion Ratio Lower Upper

95 100

174 88.4 0.0 171.0

176 83.7 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

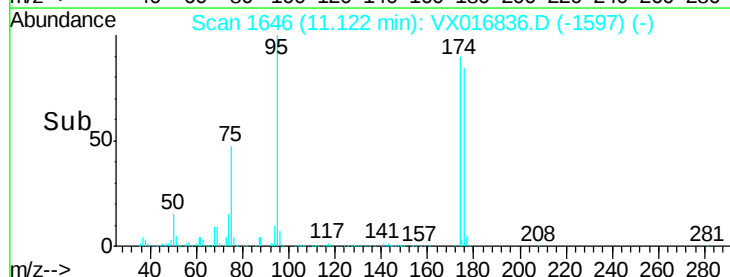
150000

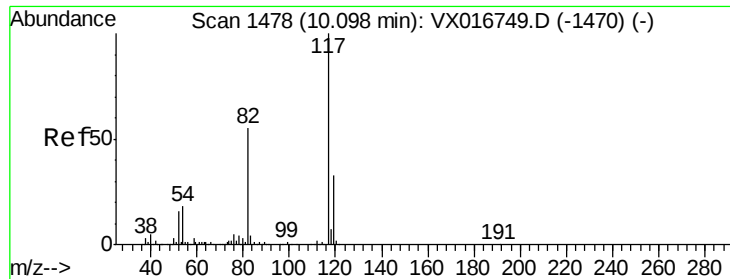
100000

50000

0

Time-->





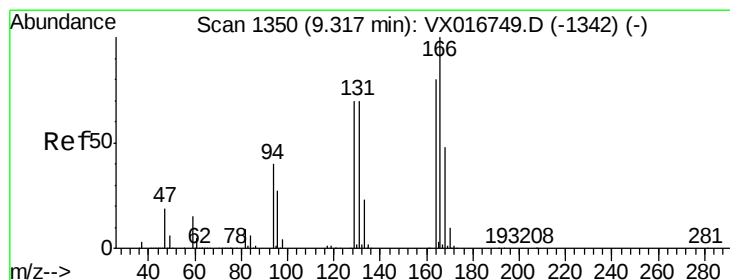
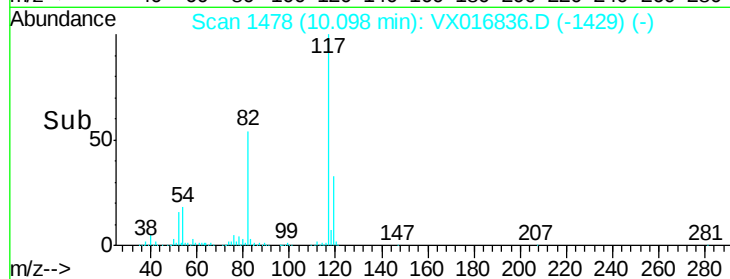
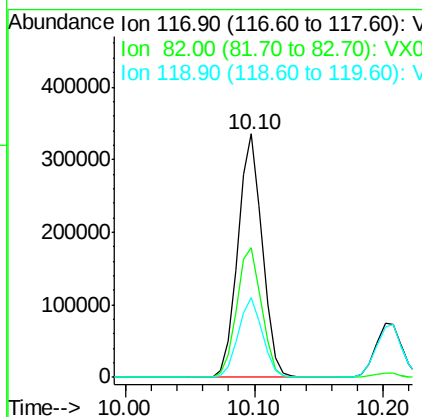
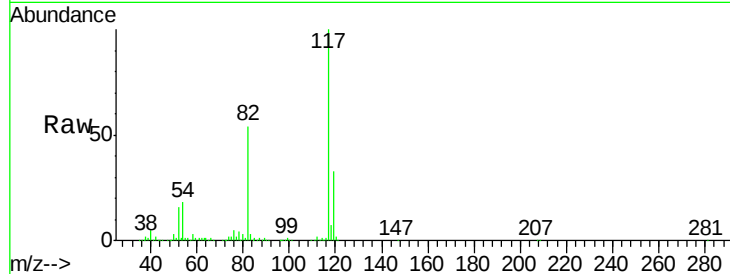
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	438178		
82	53.5	43.8	65.6	
119	32.9	26.2	39.4	

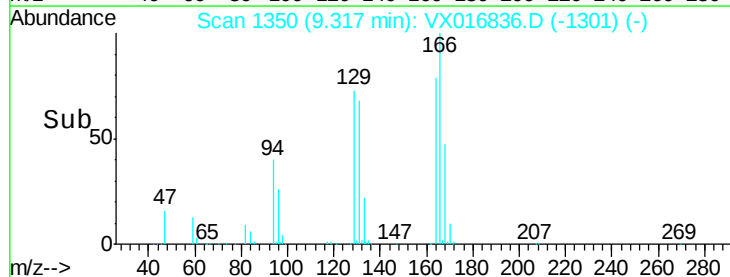
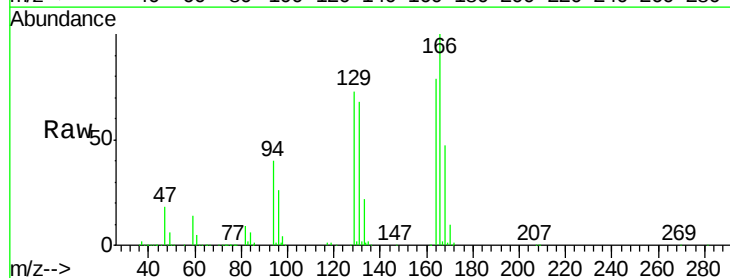
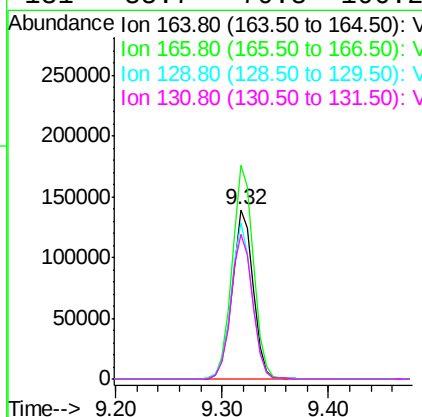
Manual Integrations
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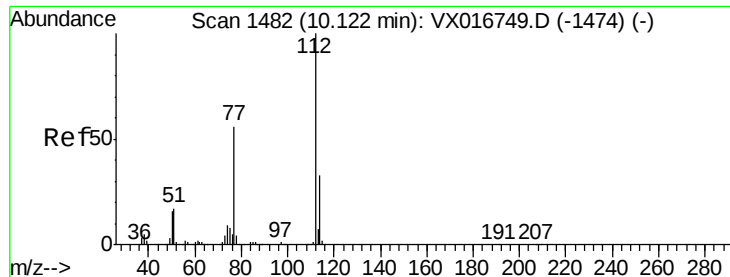
MMDadoda
6/18/2020 11:17:11 AM



#64
Tetrachloroethene
Concen: 45.852 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	192929		
166	126.1	100.6	150.8	
129	92.1	70.1	105.1	
131	85.7	70.8	106.2	





#65

Chlorobenzene

Concen: 46.970 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 417613

Ion Ratio Lower Upper

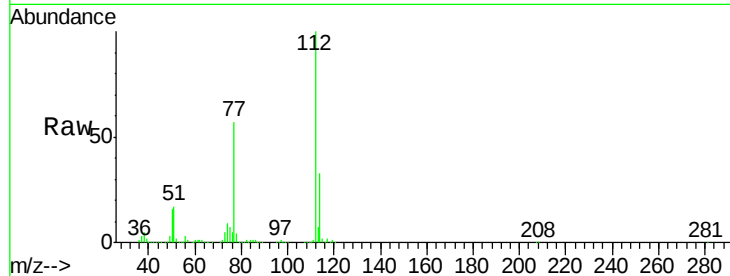
112 100

114 32.7 26.2 39.4

Manual Integrations
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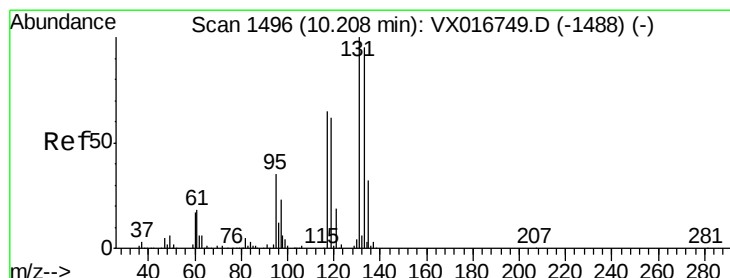
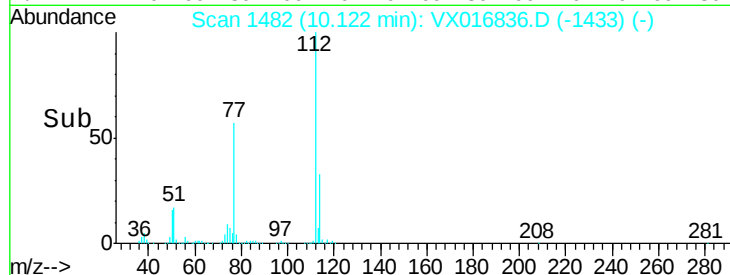
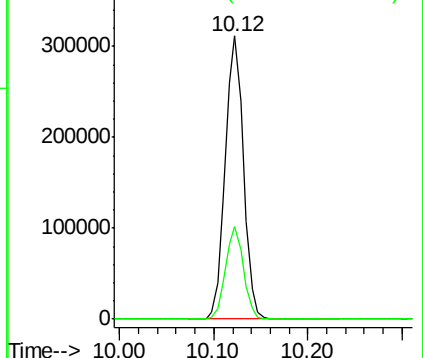
MMDadoda

6/18/2020 11:17:11 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.298 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

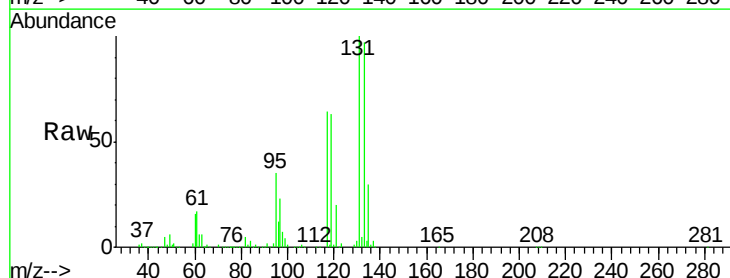
Tgt Ion:131 Resp: 160668

Ion Ratio Lower Upper

131 100

133 94.9 46.8 140.3

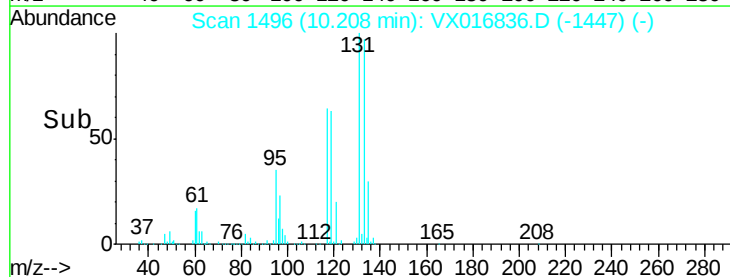
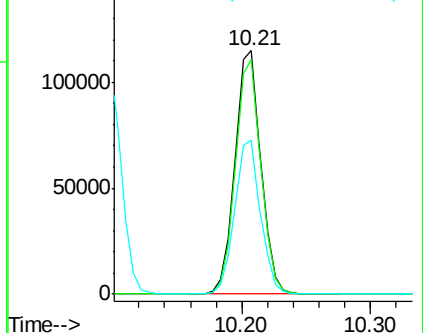
119 63.0 31.4 94.0

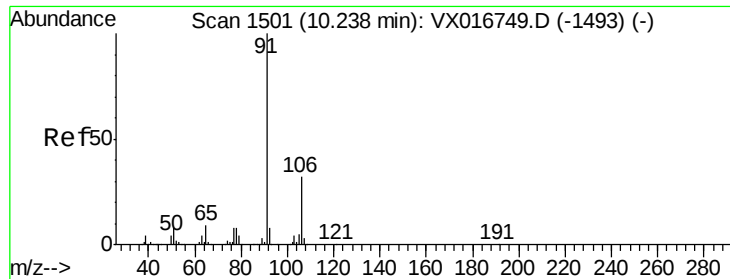


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





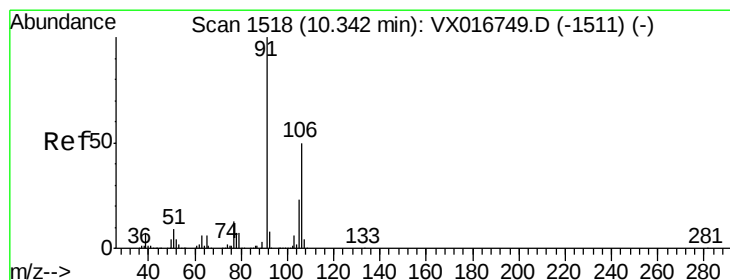
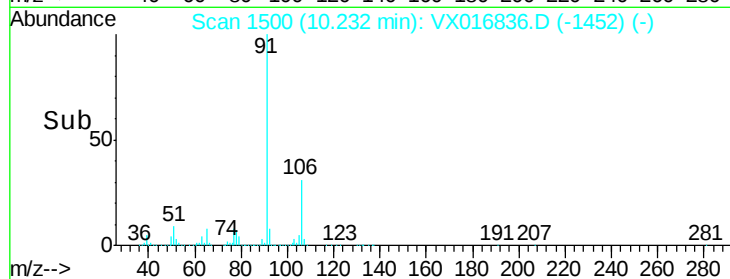
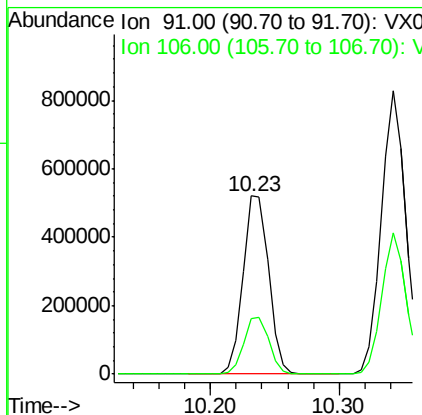
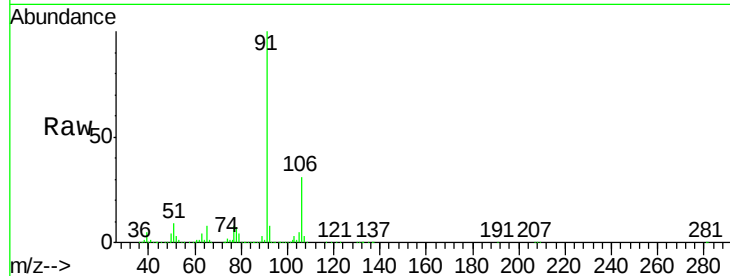
#67
Ethyl Benzene
Concen: 47.415 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 712677
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

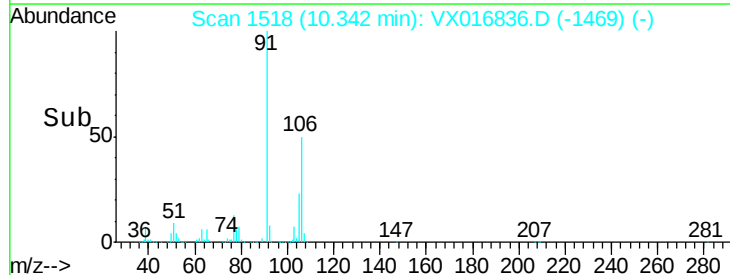
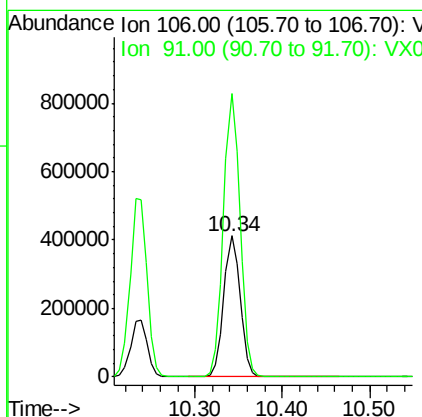
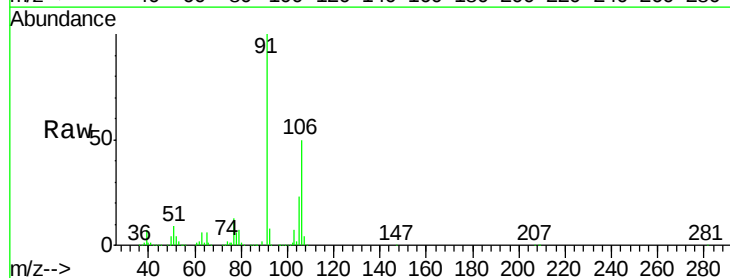
Manual Integrations
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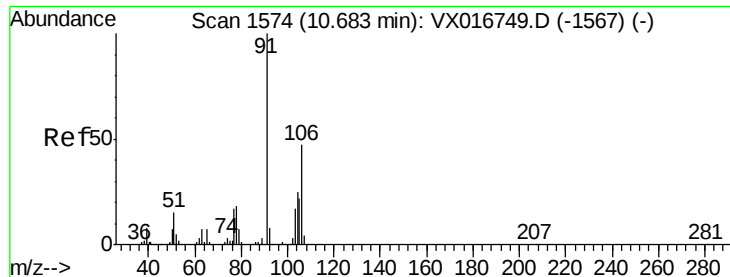
MMDadoda
6/18/2020 11:17:11 AM



#68
m/p-Xylenes
Concen: 93.947 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion: 106 Resp: 535396
Ion Ratio Lower Upper
106 100
91 202.6 161.2 241.8





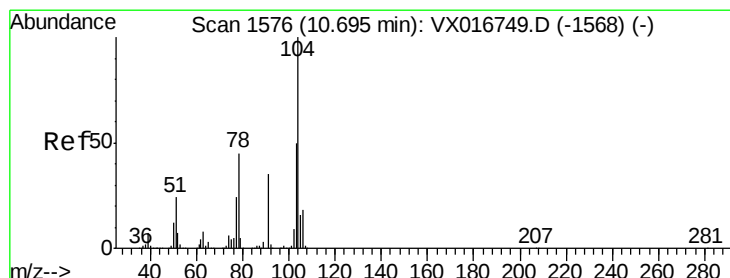
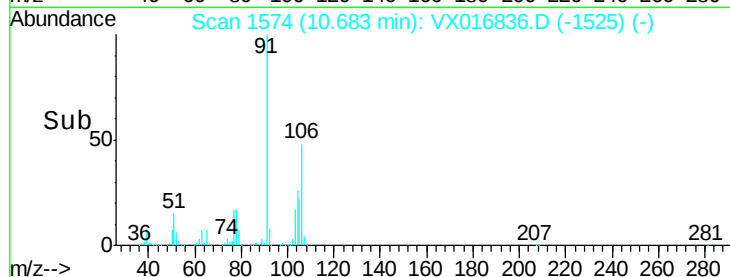
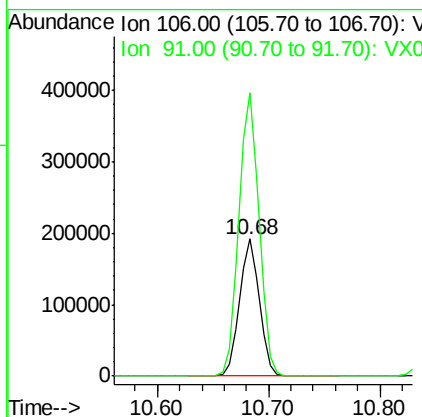
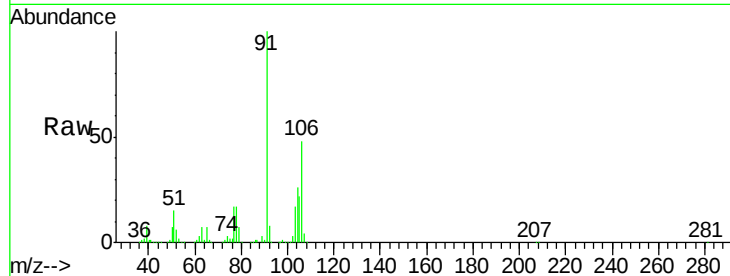
#69
o-Xylene
Concen: 43.037 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	211.0	106.9	320.8	

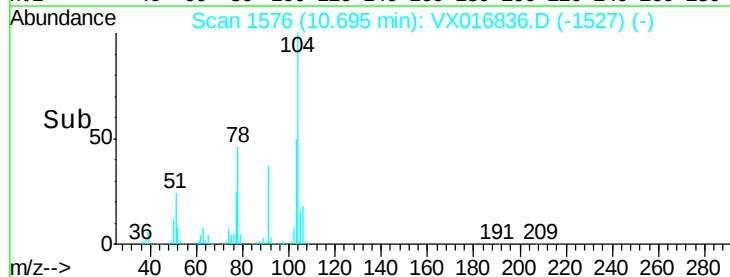
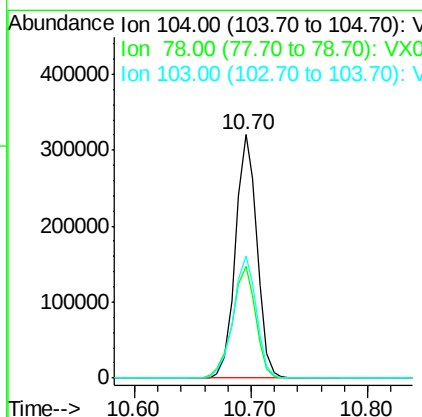
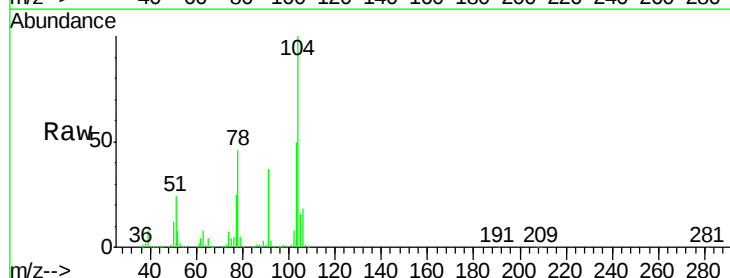
Manual Integrations
APPROVED

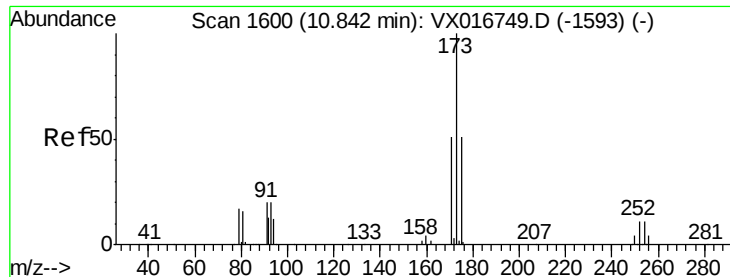
MMDadoda
6/18/2020 11:17:11 AM



#70
Styrene
Concen: 43.390 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	49.6	39.8	59.8	
103	53.7	43.4	65.2	





#71

Bromoform

Concen: 42.850 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 129676

Ion Ratio Lower Upper

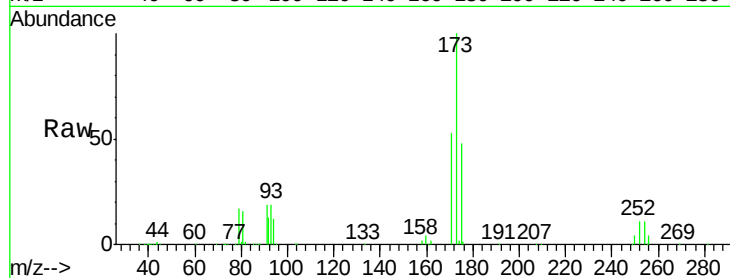
173 100

175 48.6 25.1 75.4

254 0.1 0.1 0.1#

Manual Integrations
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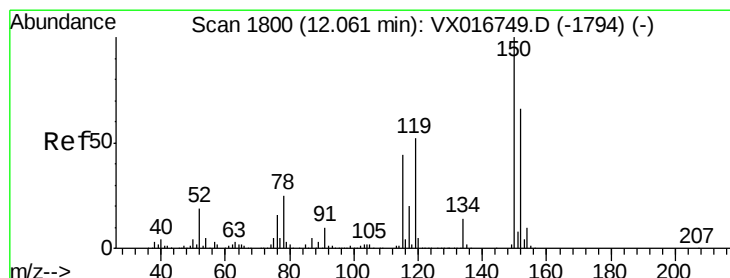
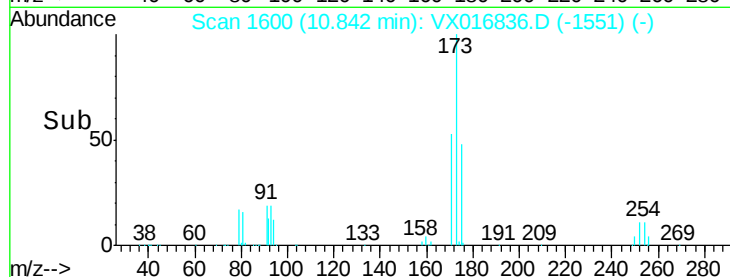
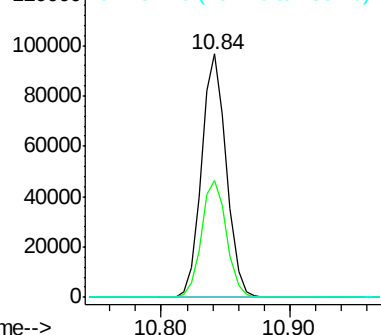
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

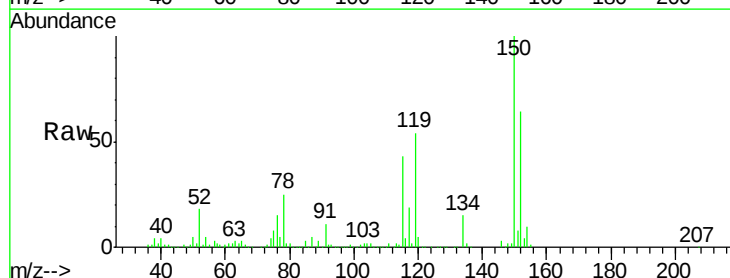
Tgt Ion:152 Resp: 205372

Ion Ratio Lower Upper

152 100

115 78.1 40.3 120.8

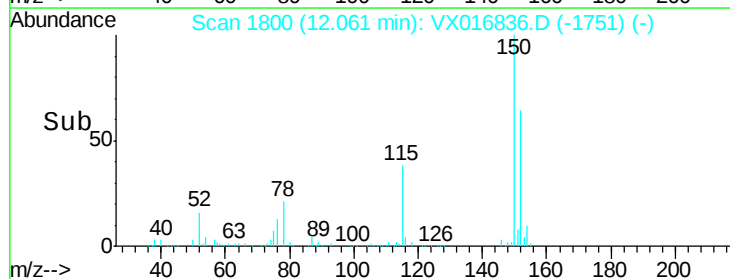
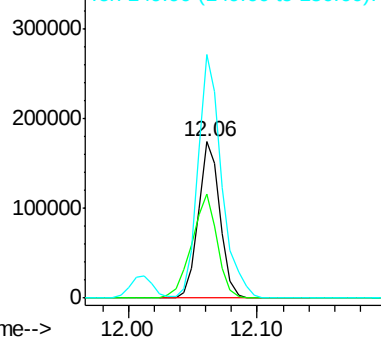
150 170.1 0.0 337.4

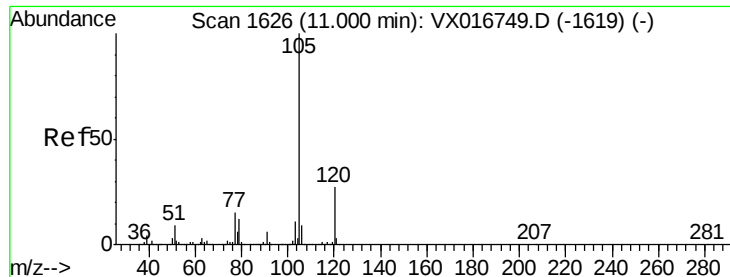


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.262 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 636884

Ion Ratio Lower Upper

105 100

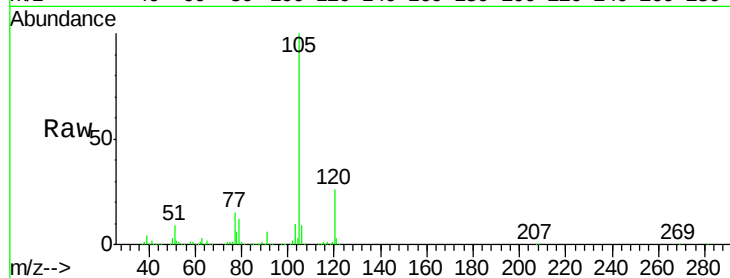
120 26.6 13.2 39.5

Manual Integrations

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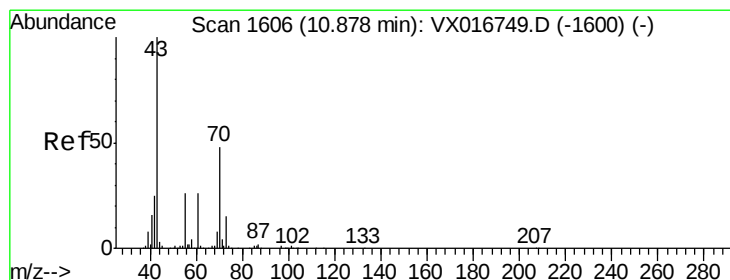
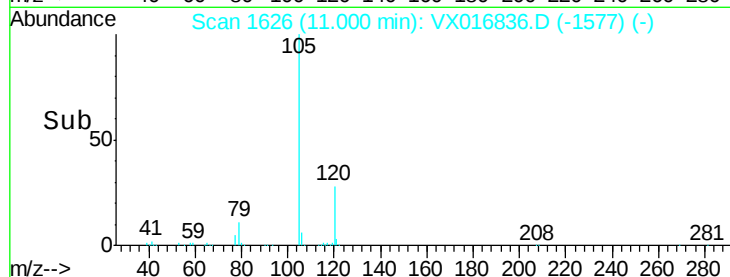
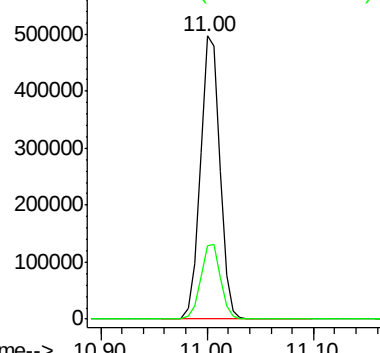
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.874 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion: 43 Resp: 250740

Ion Ratio Lower Upper

43 100

70 49.8 39.8 59.6

55 26.6 21.7 32.5

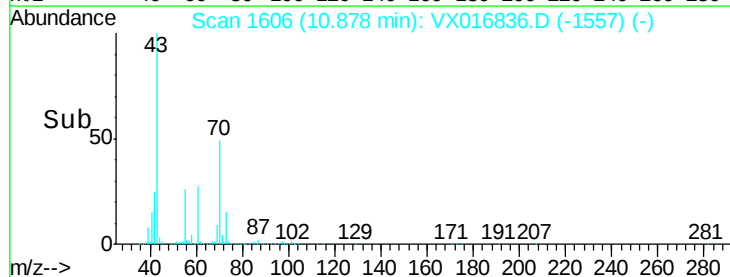
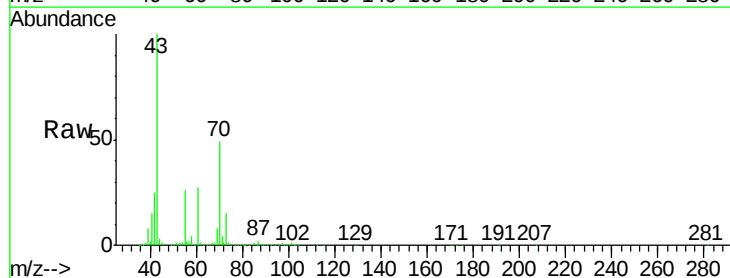
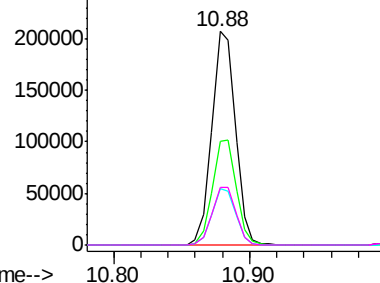
61 27.4 21.6 32.4

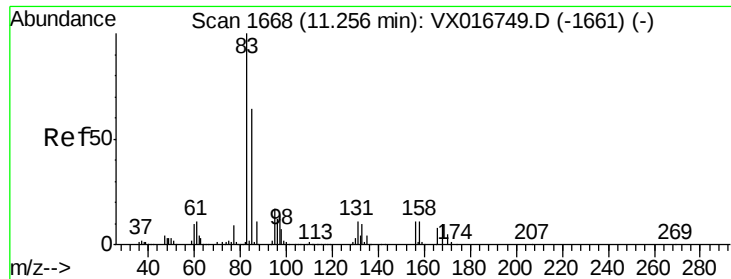
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.551 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 180565

Ion Ratio Lower Upper

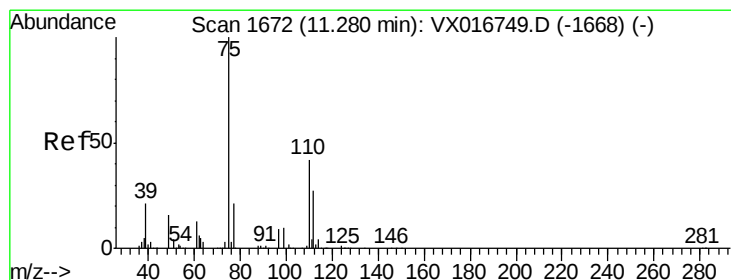
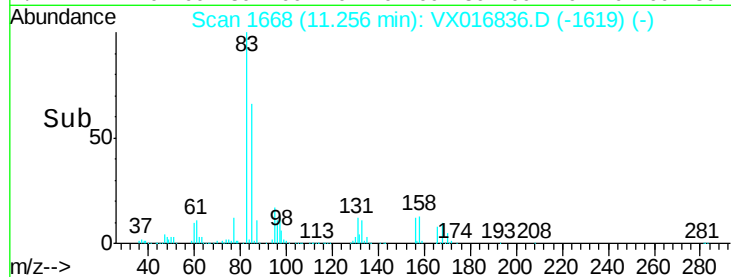
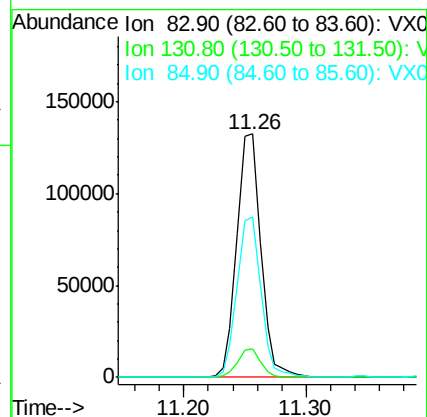
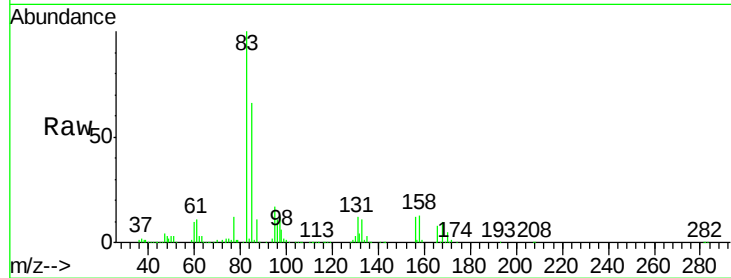
83 100

131 11.3 5.7 17.0

85 65.5 32.4 97.2

Manual Integrations
APPROVED

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6/18/2020 11:17:11 AM



#76

1,2,3-Trichloropropane

Concen: 44.452 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016836.D

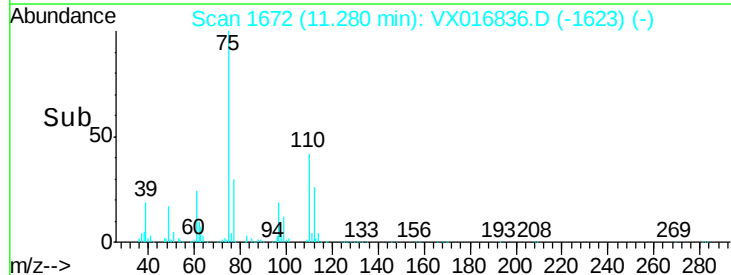
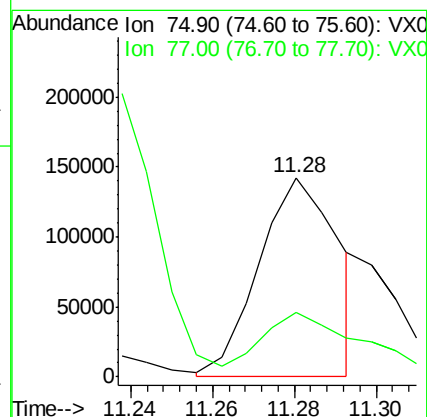
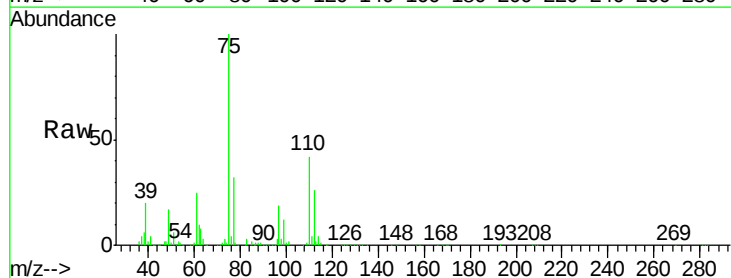
Acq: 17 Jun 2020 22:37

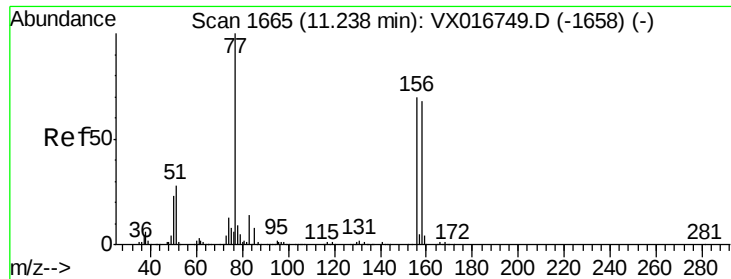
Tgt Ion: 75 Resp: 191982

Ion Ratio Lower Upper

75 100

77 41.3 20.3 60.9





#77

Bromobenzene

Concen: 44.488 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

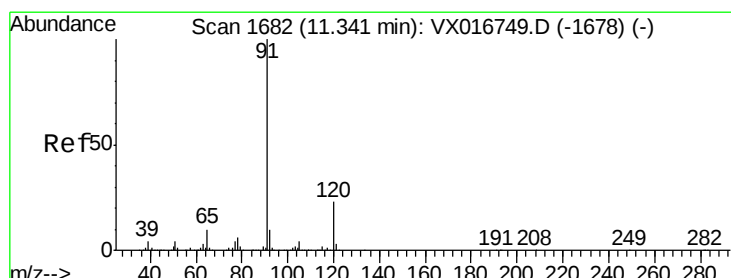
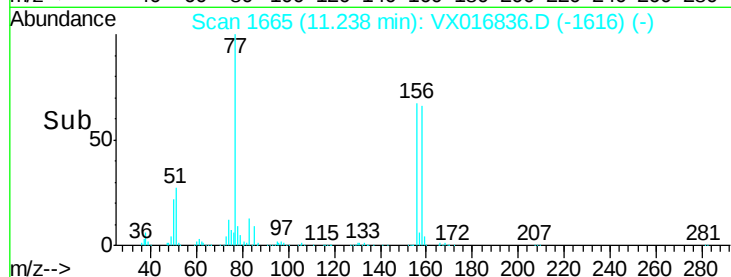
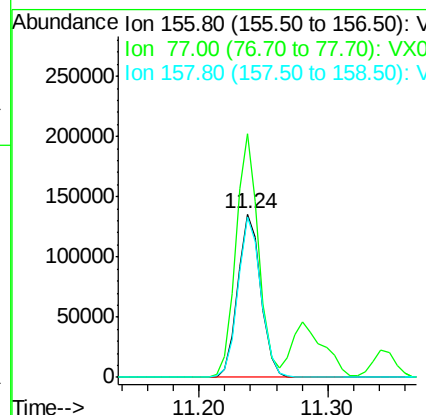
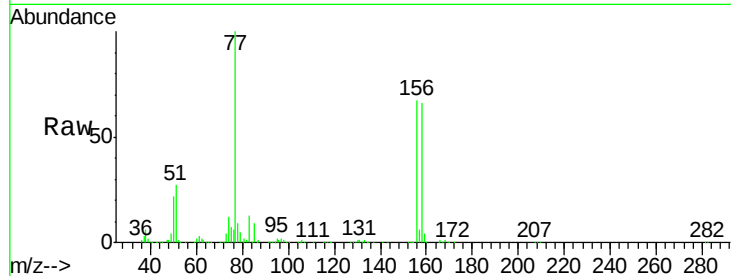
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	169275
Ion Ratio	Lower	Upper	
156	100		
77	146.8	73.2	219.6
158	97.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 48.667 ug/l

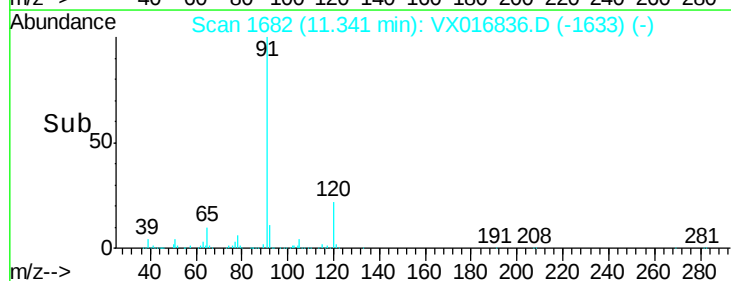
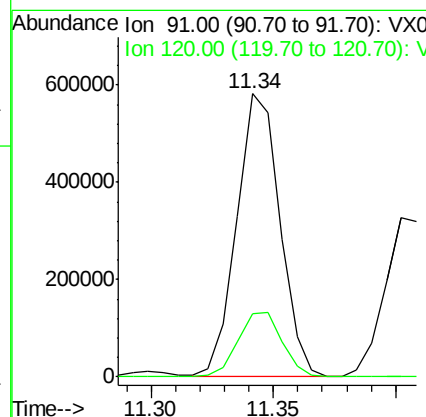
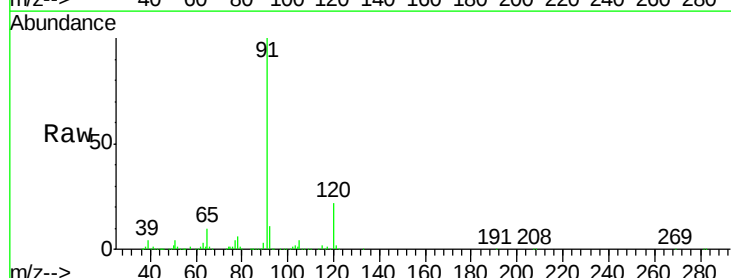
RT: 11.34 min Scan# 1682

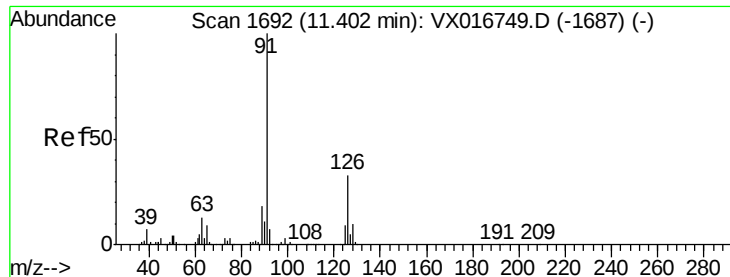
Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion:	91	Resp:	712214
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 47.353 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 438209

Ion Ratio Lower Upper

91 100

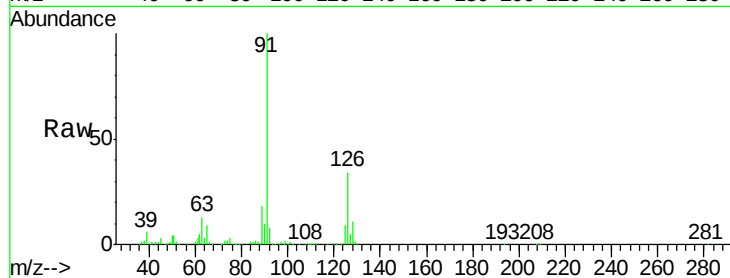
126 34.3 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)

600000

500000

400000

300000

200000

100000

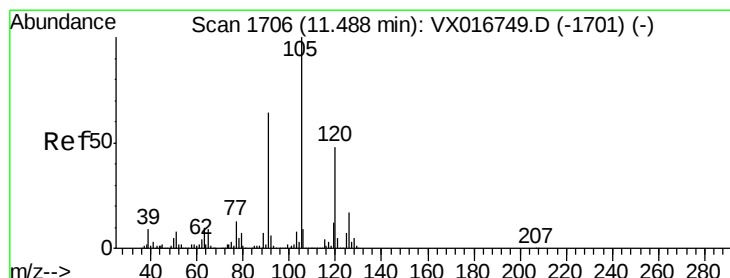
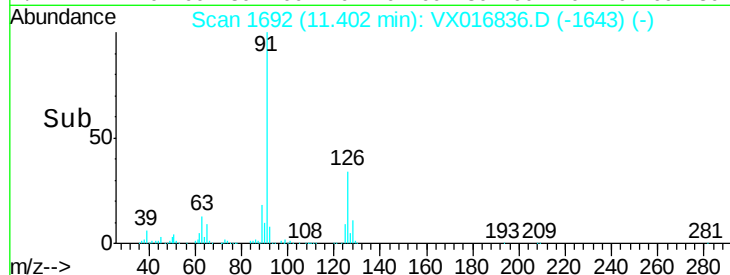
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.545 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016836.D

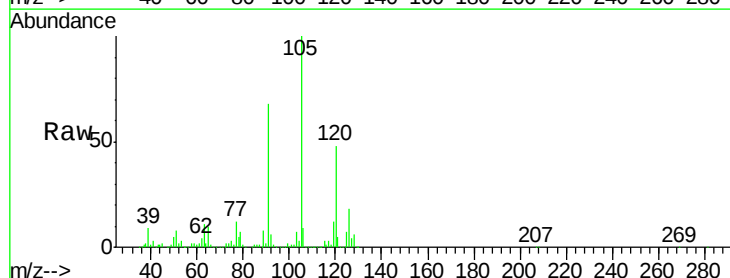
Acq: 17 Jun 2020 22:37

Tgt Ion: 105 Resp: 548384

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)

500000

400000

300000

200000

100000

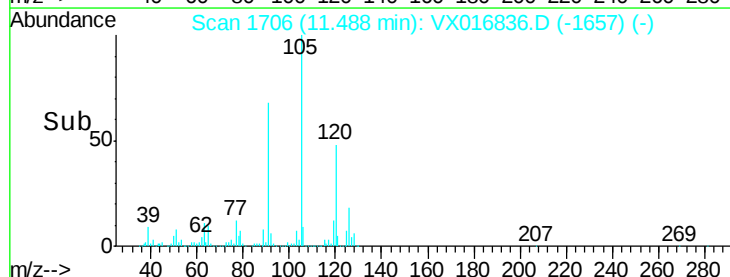
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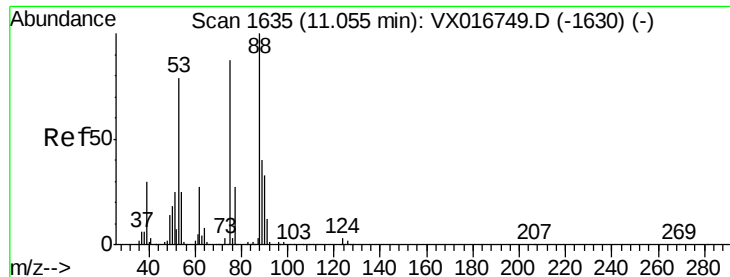
11.40

11.49

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 42.200 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 72397

Ion Ratio Lower Upper

75 100

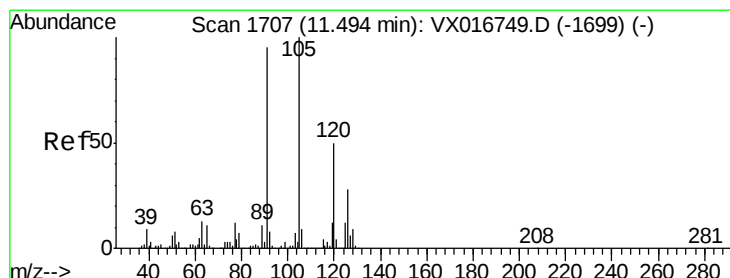
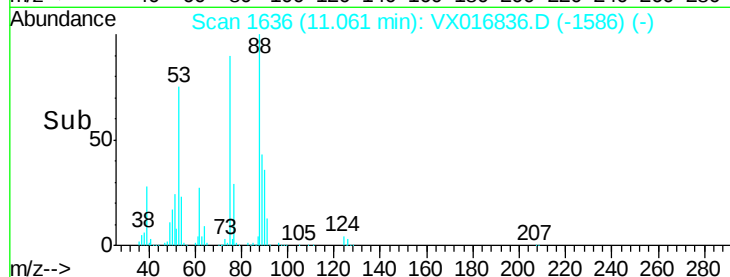
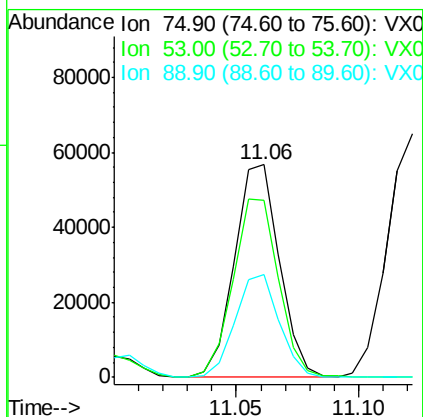
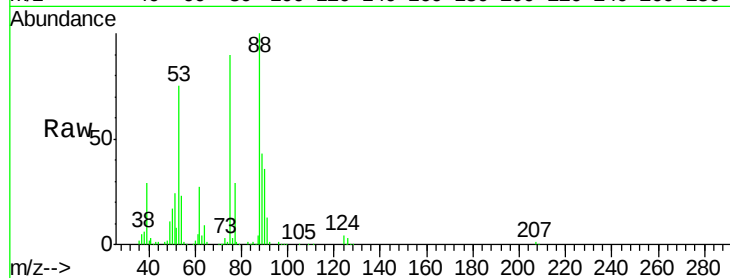
53 85.5 71.4 107.0

89 47.6 39.1 58.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.282 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016836.D

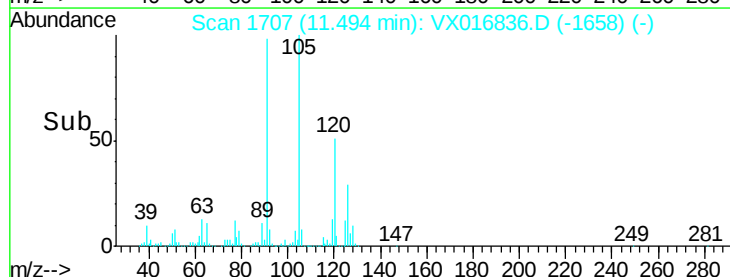
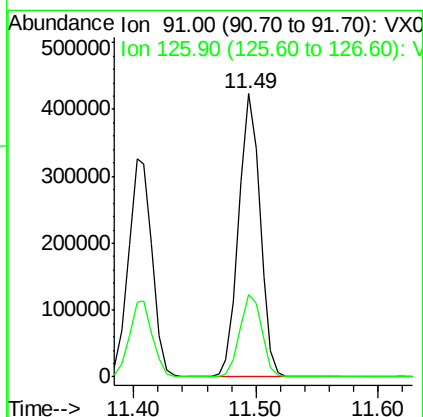
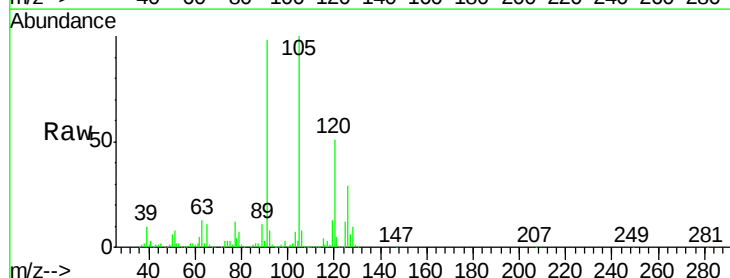
Acq: 17 Jun 2020 22:37

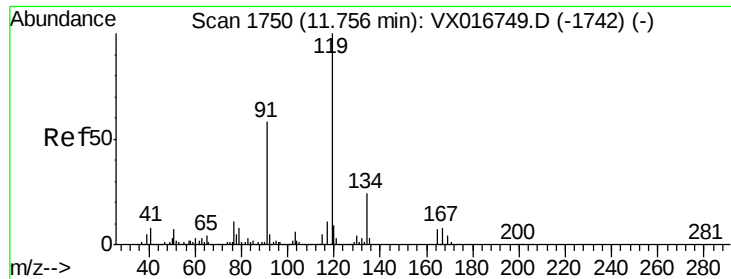
Tgt Ion: 91 Resp: 512160

Ion Ratio Lower Upper

91 100

126 29.8 15.2 45.6





#83

tert-Butylbenzene

Concen: 49.660 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Instrument :

MSVOA_X

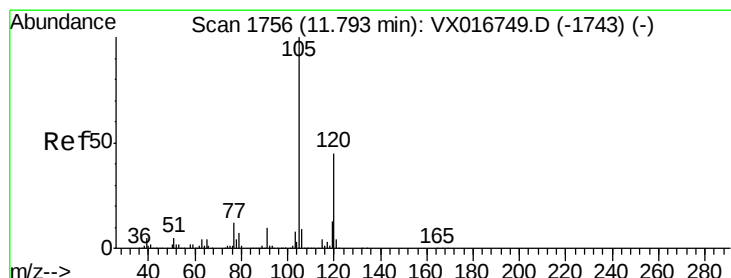
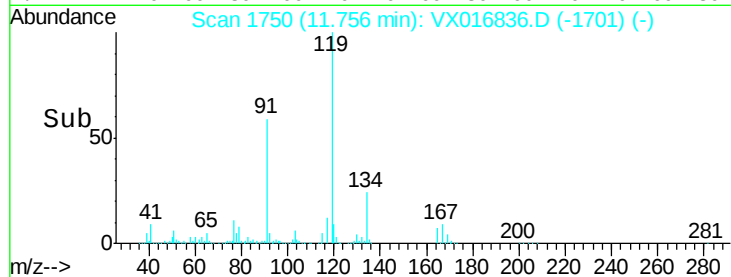
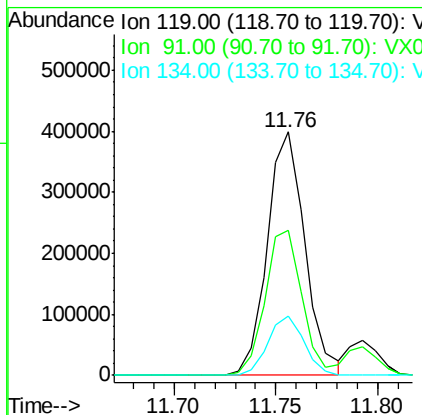
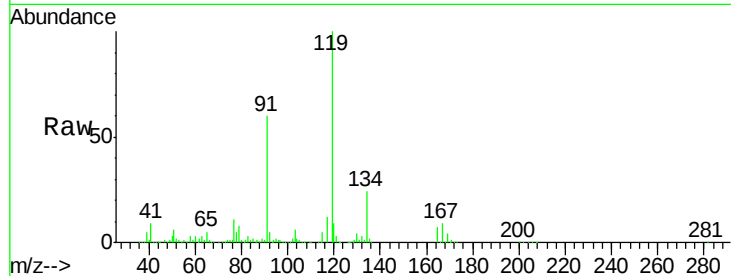
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	513304
Ion Ratio	Lower	Upper	
119	100		
91	58.2	29.3	88.0
134	23.4	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.548 ug/l

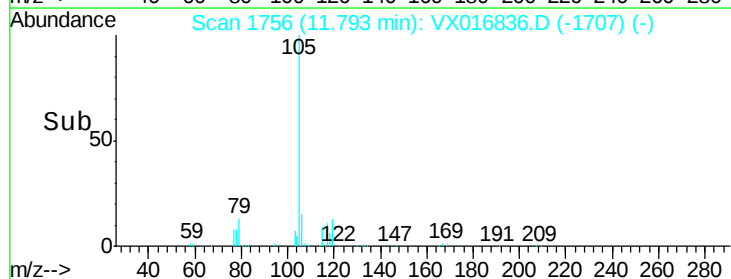
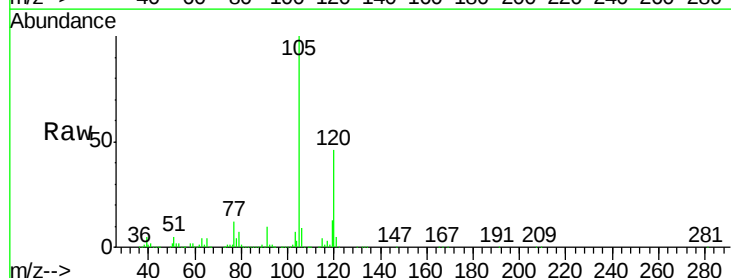
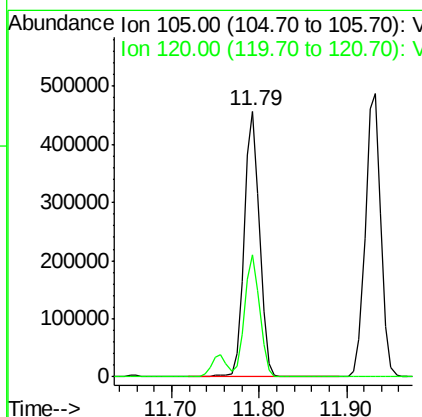
RT: 11.79 min Scan# 1756

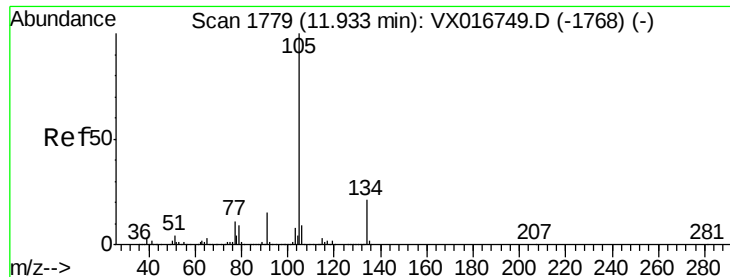
Delta R.T. 0.00 min

Lab File: VX016836.D

Acq: 17 Jun 2020 22:37

Tgt Ion:	105	Resp:	554776
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.6	67.8





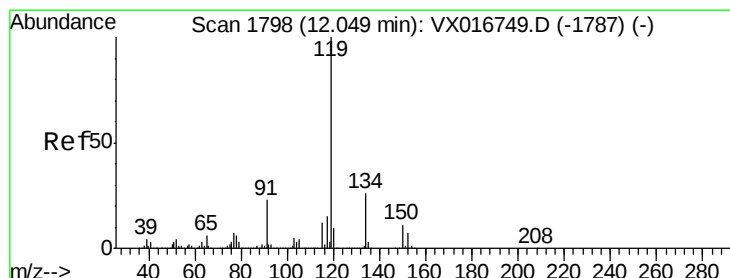
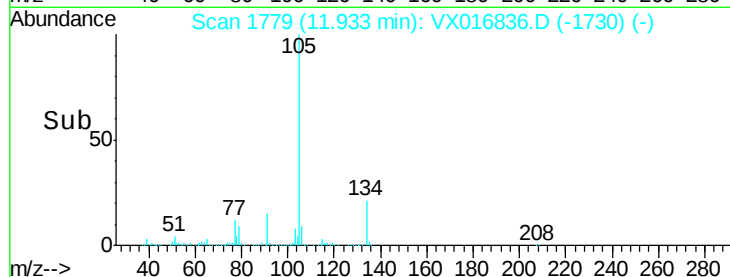
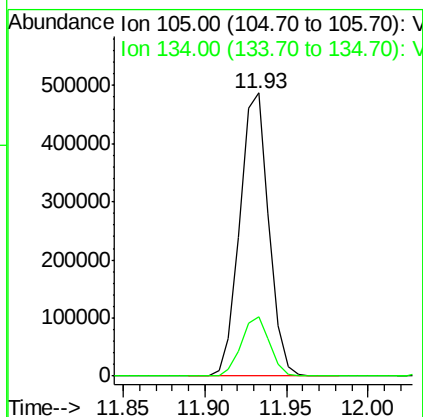
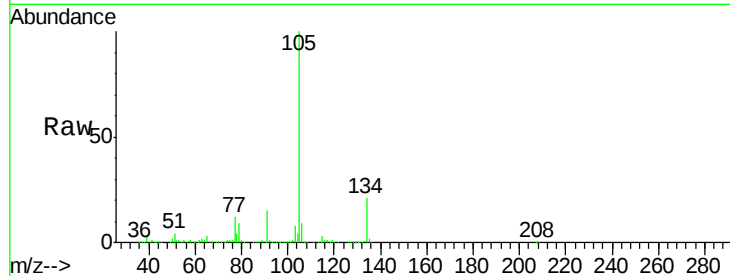
#85
 sec-Butylbenzene
 Concen: 49.926 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.3	30.8

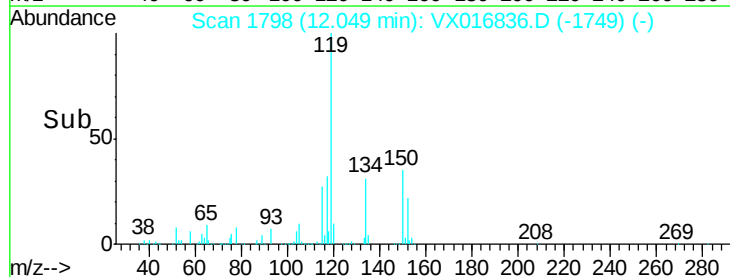
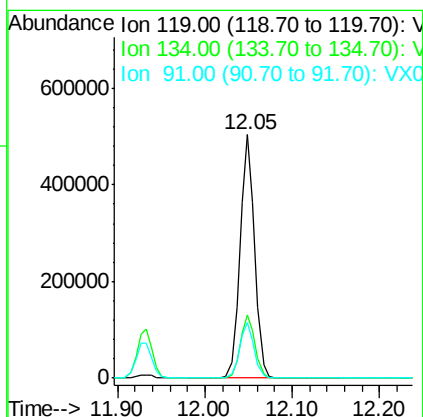
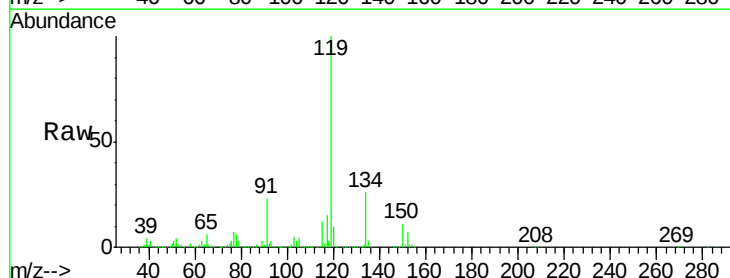
Manual Integrations
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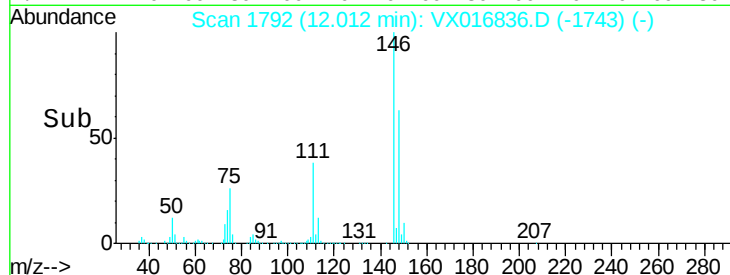
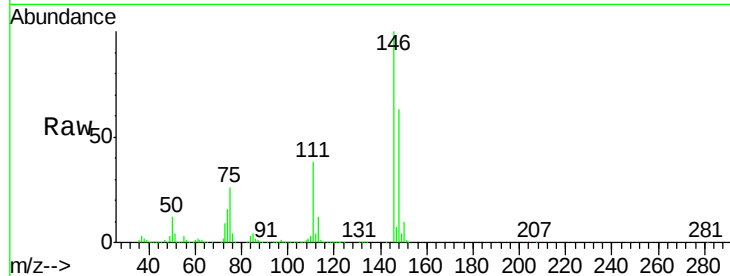
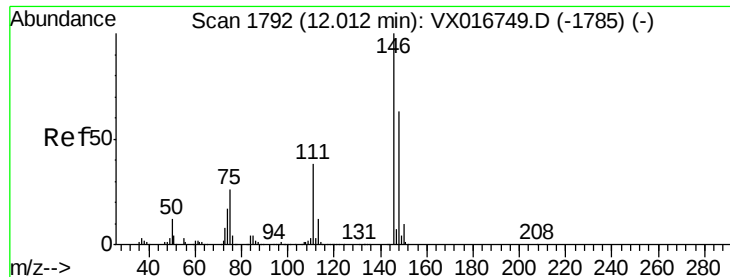
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 50.298 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	22.5	11.6	34.7





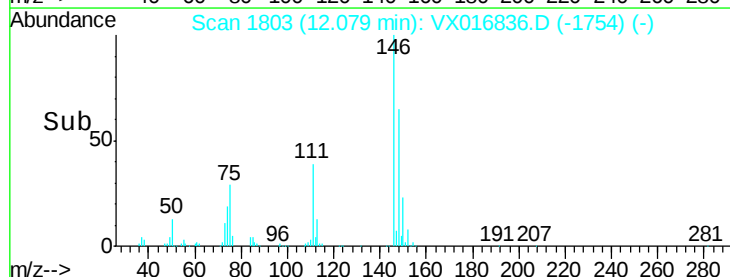
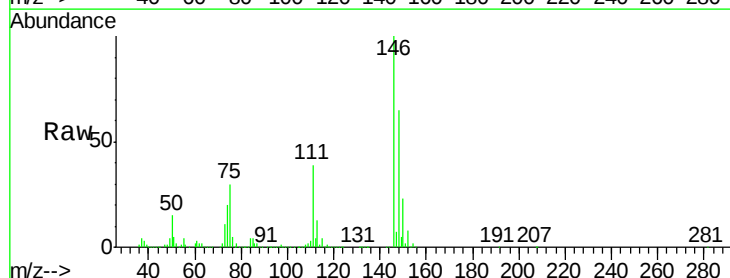
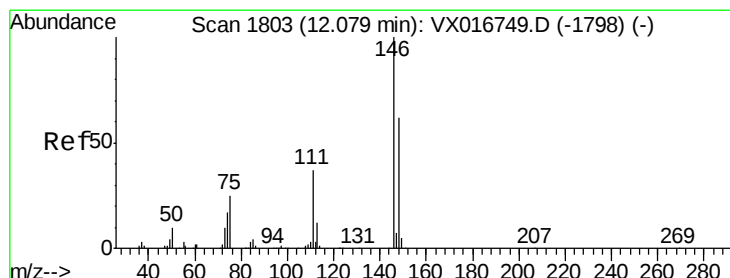
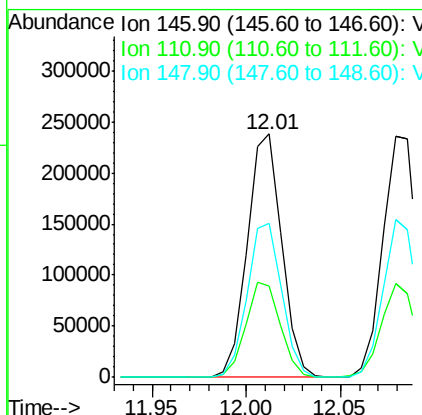
#87
 1,3-Dichlorobenzene
 Concen: 46.719 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.3
148	64.1	31.9	95.7

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

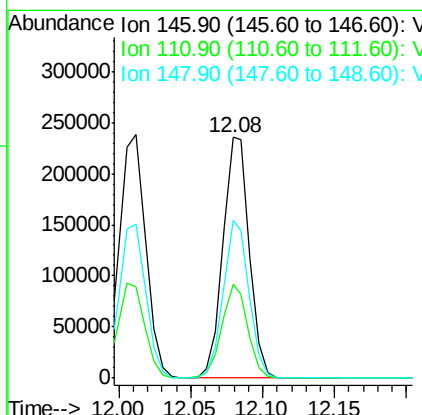
Manual Integrations
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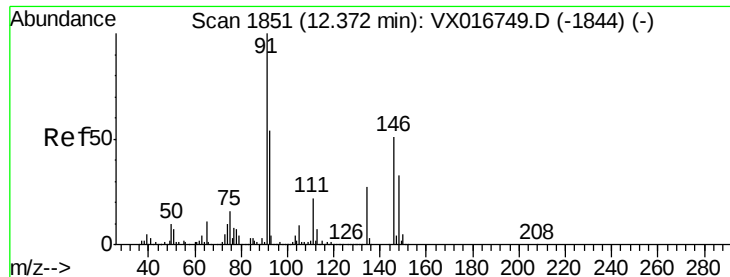
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#88
 1,4-Dichlorobenzene
 Concen: 45.520 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.9	32.1	96.5





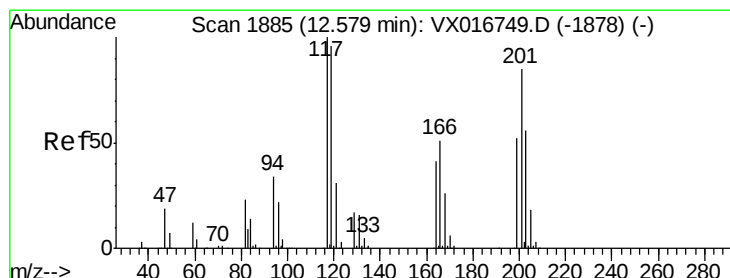
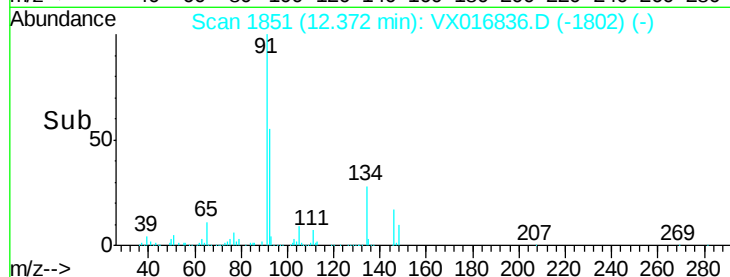
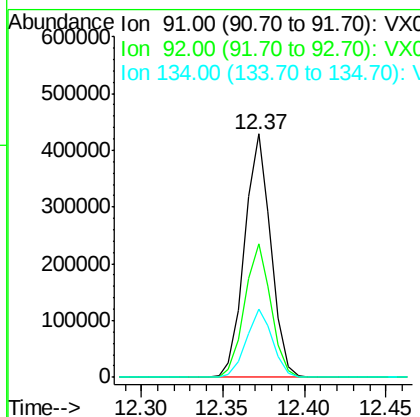
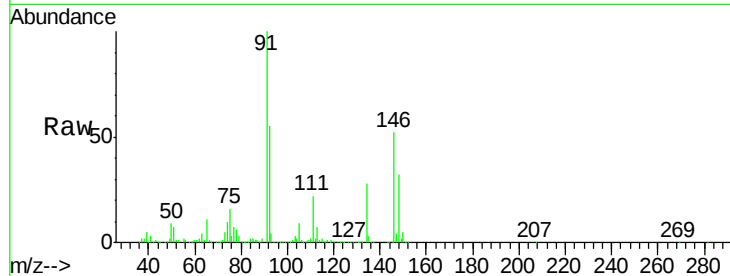
#89
n-Butylbenzene
Concen: 50.057 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.0	80.8
134	27.9	13.7	41.0

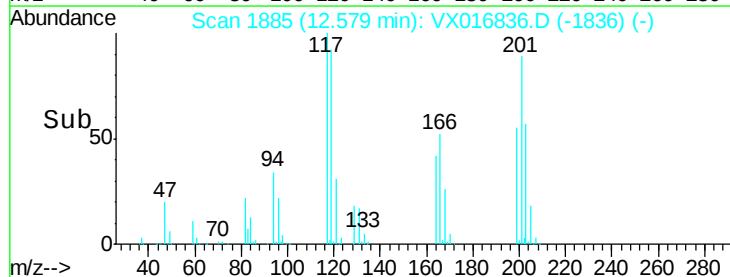
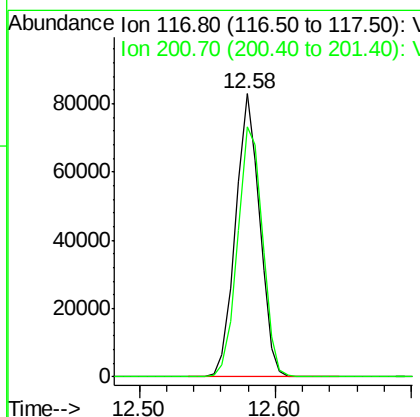
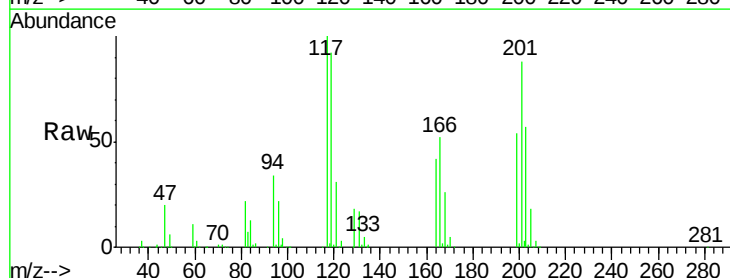
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#90
Hexachloroethane
Concen: 47.642 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.7	45.6	136.9





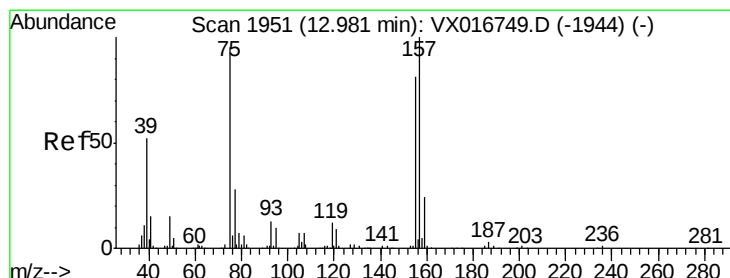
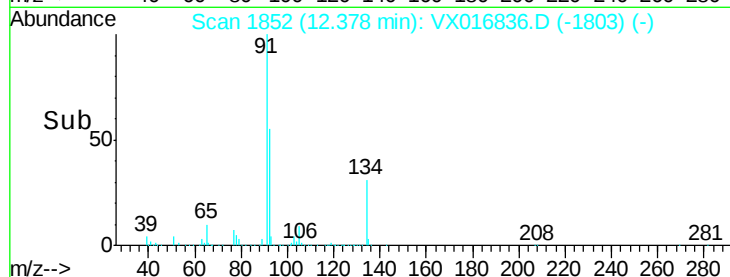
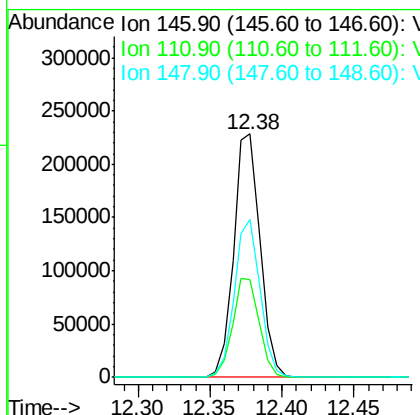
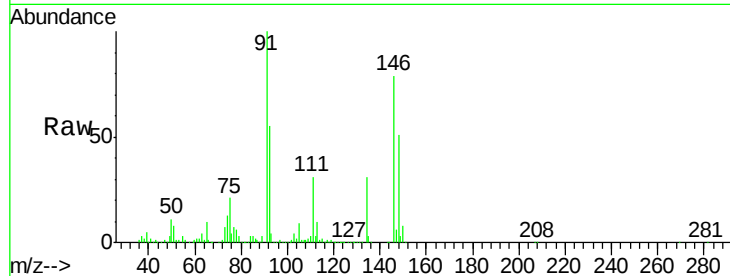
#91
 1,2-Dichlorobenzene
 Concen: 45.464 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292459		
111	40.9	20.8	62.2	
148	63.5	32.1	96.5	

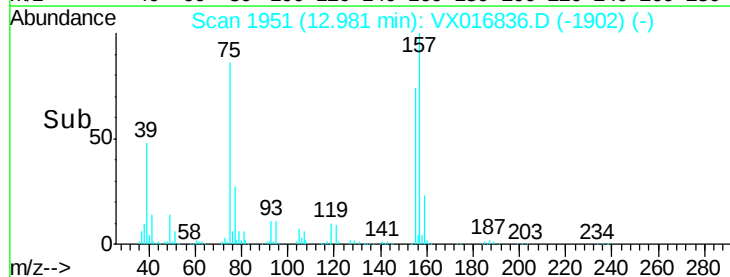
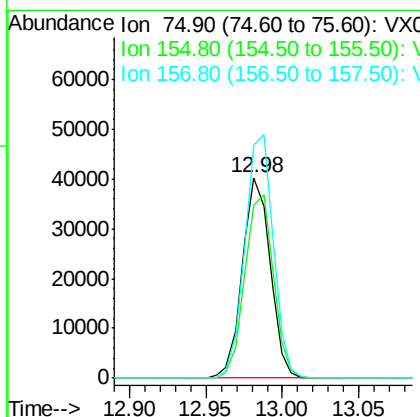
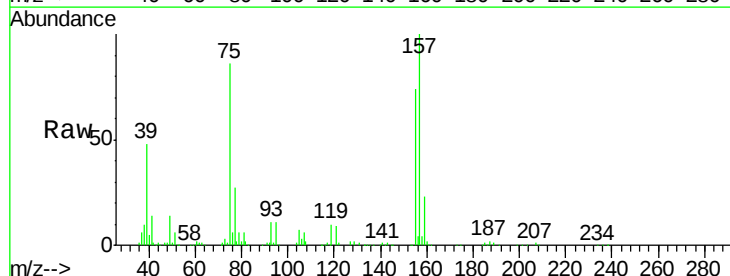
Manual Integrations
 APPROVED

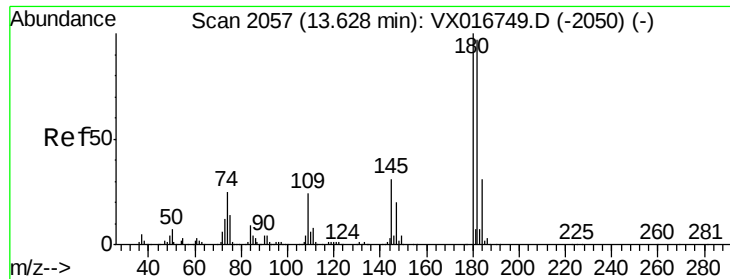
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.017 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016836.D
 Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51011		
155	94.0	46.9	140.7	
157	123.4	59.6	178.7	





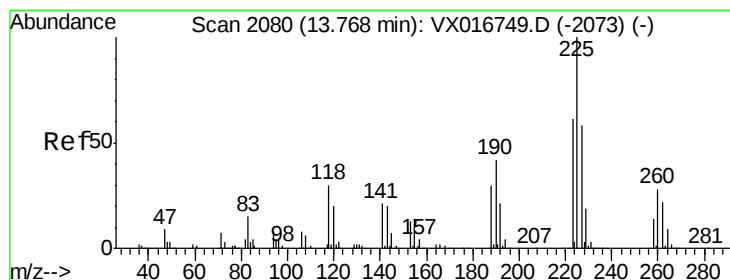
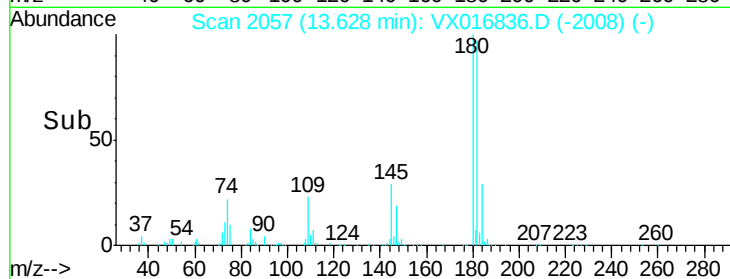
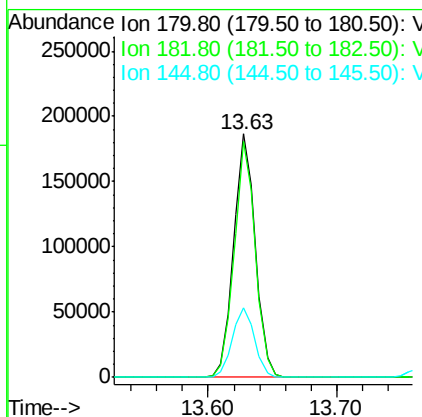
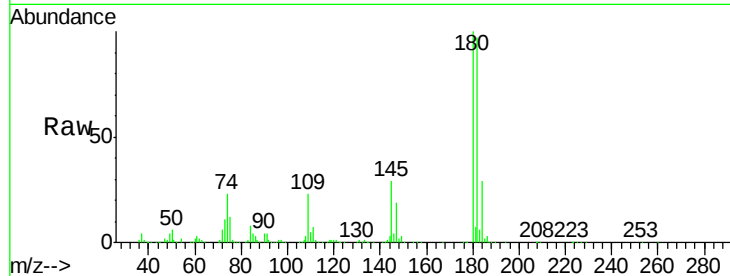
#93
1,2,4-Trichlorobenzene
Concen: 48.607 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	218967		
182	94.6	48.6	145.8	
145	29.5	15.4	46.4	

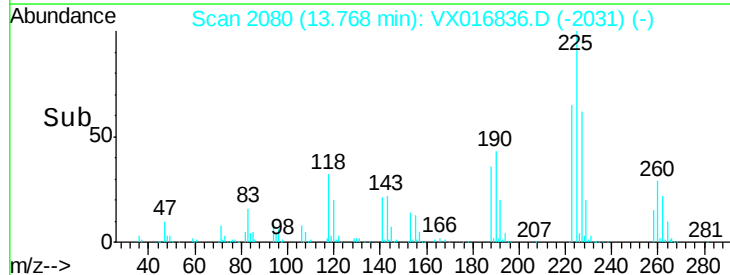
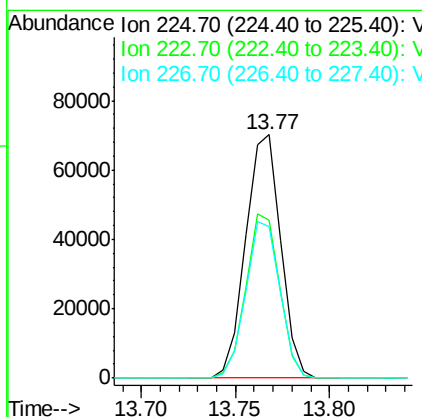
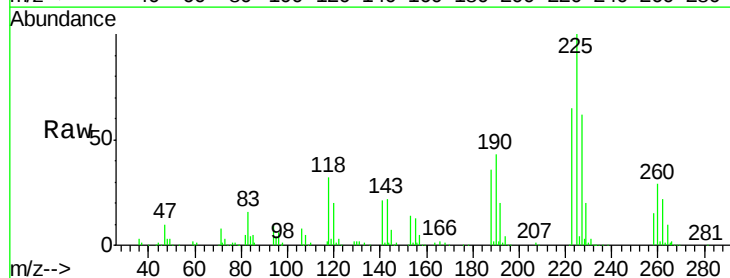
Manual Integrations
APPROVED

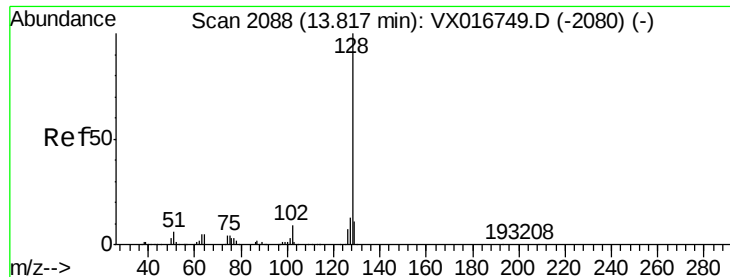
MMDadoda
6/18/2020 11:17:11 AM



#94
Hexachlorobutadiene
Concen: 45.814 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90750		
223	65.1	31.1	93.5	
227	62.7	30.9	92.7	





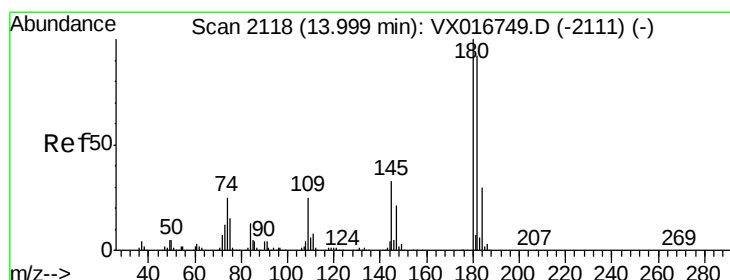
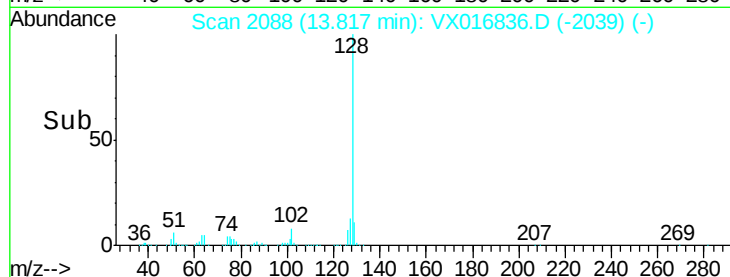
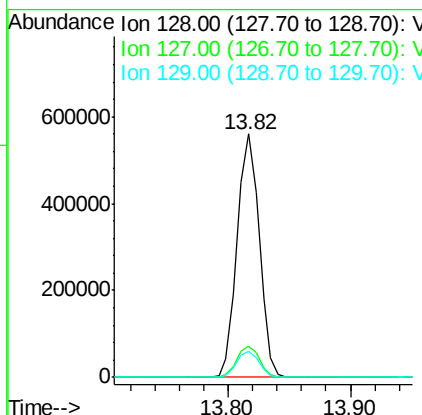
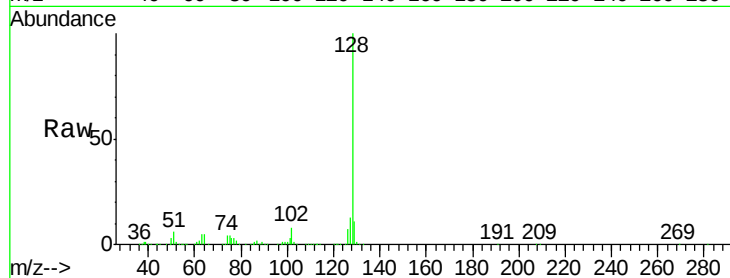
#95
Naphthalene
Concen: 49.388 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:17:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.659 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016836.D
Acq: 17 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.4
145	32.1	15.9	47.7

