

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017270.D
 Acq On : 08 Jul 2020 20:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:54 AM

Quant Time: Jul 09 04:50:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172825	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.47	113	141896	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	511581	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.12	95	214776	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120904	43.155	ug/l	99
3) Chloromethane	1.31	50	133624	39.403	ug/l	99
4) Vinyl Chloride	1.39	62	138181	43.917	ug/l	99
5) Bromomethane	1.62	94	76933	46.280	ug/l	96
6) Chloroethane	1.70	64	88705	47.735	ug/l	99
7) Trichlorofluoromethane	1.91	101	240177	51.613	ug/l	100
8) Diethyl Ether	2.17	74	84225	53.766	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133783	47.968	ug/l	97
10) Methyl Iodide	2.49	142	157868	43.867	ug/l	100
11) Tert butyl alcohol	3.02	59	179204	263.124	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131094	45.756	ug/l	99
13) Acrolein	2.27	56	125401	308.015	ug/l	100
14) Allyl chloride	2.71	41	235380	44.454	ug/l	97
15) Acrylonitrile	3.12	53	415607	253.845	ug/l	99
16) Acetone	2.42	43	351983	263.554	ug/l	99
17) Carbon Disulfide	2.55	76	350708	43.868	ug/l	99
18) Methyl Acetate	2.75	43	192850	55.315	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	488796	50.833	ug/l	98
20) Methylene Chloride	2.83	84	154800	50.548	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	147983	46.543	ug/l	96
22) Diisopropyl ether	3.82	45	476115	48.583	ug/l	97
23) Vinyl Acetate	3.79	43	2094213	248.683	ug/l	99
24) 1,1-Dichloroethane	3.67	63	267036	47.889	ug/l	99
25) 2-Butanone	4.64	43	572957	257.470	ug/l	99
26) 2,2-Dichloropropane	4.56	77	213350	43.091	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	167178	46.405	ug/l	99
28) Bromochloromethane	4.98	49	116431	42.909	ug/l	95
29) Tetrahydrofuran	5.09	42	374260	254.542	ug/l	99
30) Chloroform	5.18	83	286029	50.039	ug/l	97
31) Cyclohexane	5.55	56	216123	44.840	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	264444	50.233	ug/l	99
36) 1,1-Dichloropropene	5.77	75	200069	48.354	ug/l	98
37) Ethyl Acetate	4.79	43	219819	52.362	ug/l	99
38) Carbon Tetrachloride	5.76	117	240427	52.757	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216752	47.083	ug/l	98
40) Benzene	6.12	78	593310	48.804	ug/l	98
41) Methacrylonitrile	5.01	41	122546	51.865	ug/l	99
42) 1,2-Dichloroethane	6.17	62	231103	52.629	ug/l	100
43) Isopropyl Acetate	6.42	43	363227	52.068	ug/l	99
44) Trichloroethene	7.19	130	177700	52.989	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156093	49.991	ug/l	98
46) Dibromomethane	7.63	93	112644	52.841	ug/l	96
47) Bromodichloromethane	7.88	83	235228	53.544	ug/l	98
48) Methyl methacrylate	7.74	41	181260	54.691	ug/l	97
49) 1,4-Dioxane	7.71	88	72895	970.856	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1164479	280.034	ug/l	99
52) Toluene	8.77	92	387809	51.094	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	254756	52.558	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	265457	51.088	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	167293	53.946	ug/l	99
56) Ethyl methacrylate	9.16	69	253987	57.542	ug/l	98
57) 1,3-Dichloropropane	9.35	76	271543	51.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	576563	262.461	ug/l	99
59) 2-Hexanone	9.48	43	899623	296.222	ug/l	99
60) Dibromochloromethane	9.57	129	204209	56.696	ug/l	99
61) 1,2-Dibromoethane	9.65	107	178094	53.428	ug/l	99
64) Tetrachloroethene	9.32	164	171626	49.840	ug/l	99
65) Chlorobenzene	10.12	112	444193	50.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	180840	53.285	ug/l	97
67) Ethyl Benzene	10.24	91	768210	52.236	ug/l	97
68) m/p-Xylenes	10.34	106	589959	104.475	ug/l	97
69) o-Xylene	10.68	106	281894	52.476	ug/l	96
70) Styrene	10.70	104	508813	55.622	ug/l	99
71) Bromoform	10.84	173	160926	59.795	ug/l	100
73) Isopropylbenzene	11.00	105	790291	51.471	ug/l	100
74) N-amyl acetate	10.88	43	338347	51.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	242005	50.107	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235639m	51.120	ug/l	
77) Bromobenzene	11.24	156	213982	50.708	ug/l	97
78) n-propylbenzene	11.34	91	890949	51.314	ug/l	100
79) 2-Chlorotoluene	11.40	91	538421	51.238	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	671867	52.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	87836	49.347	ug/l	96
82) 4-Chlorotoluene	11.49	91	643123	51.196	ug/l	100
83) tert-Butylbenzene	11.76	119	661608	52.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	685410	53.048	ug/l	100
85) sec-Butylbenzene	11.93	105	747645	50.875	ug/l	99
86) p-Isopropyltoluene	12.05	119	714009	52.191	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	375516	48.997	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	383231	53.035	ug/l	99
89) n-Butylbenzene	12.37	91	589903	48.291	ug/l	99
90) Hexachloroethane	12.58	117	136067	50.435	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	360013	50.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58629	50.886	ug/l	95

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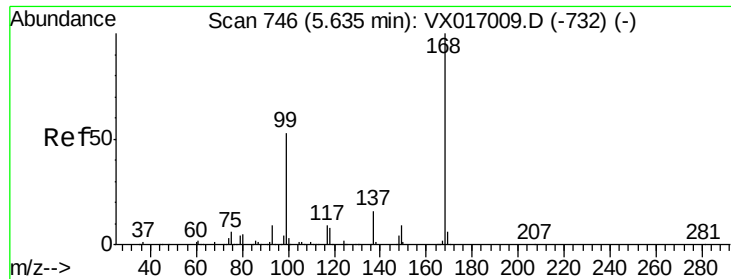
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	247190	50.553	ug/l	99
94) Hexachlorobutadiene	13.76	225	89004	47.996	ug/l	99
95) Naphthalene	13.82	128	810824	54.544	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	244044	51.572	ug/l	99

(#) = 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. -0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 289590

Ion Ratio Lower Upper

168 100

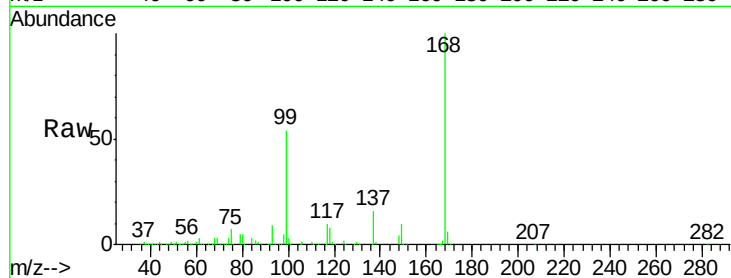
99 53.5 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

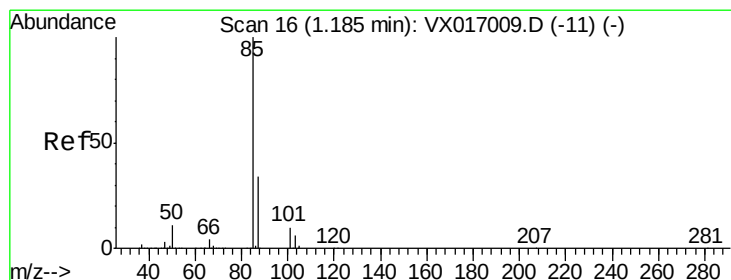
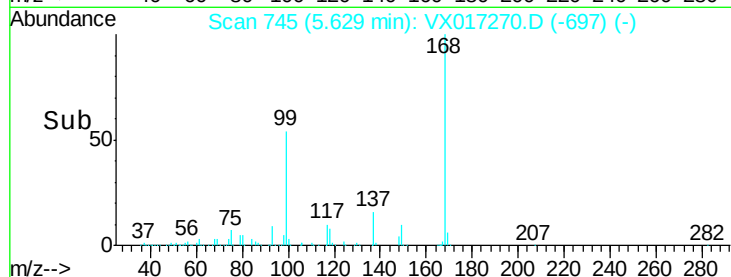
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.155 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017270.D

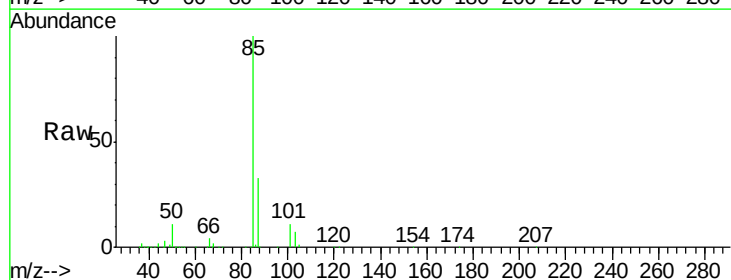
Acq: 08 Jul 2020 20:46

Tgt Ion: 85 Resp: 120904

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

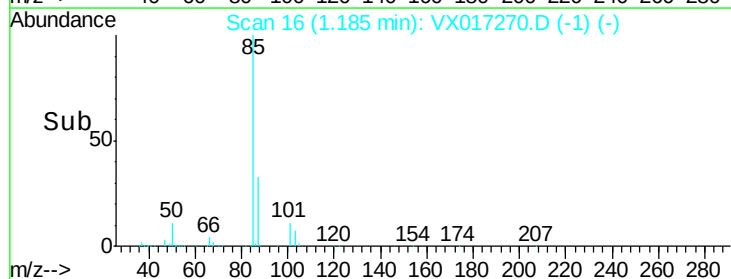
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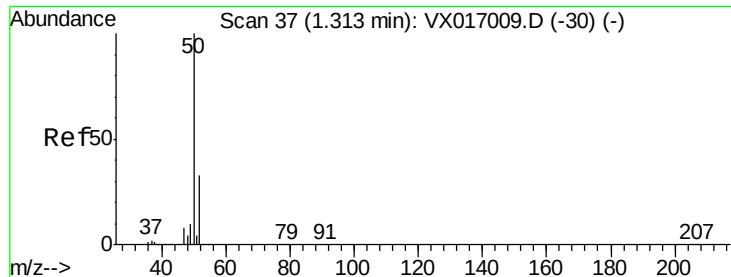
100000

50000

0

Time-->





#3

Chloromethane

Concen: 39.403 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 133624

Ion Ratio Lower Upper

50 100

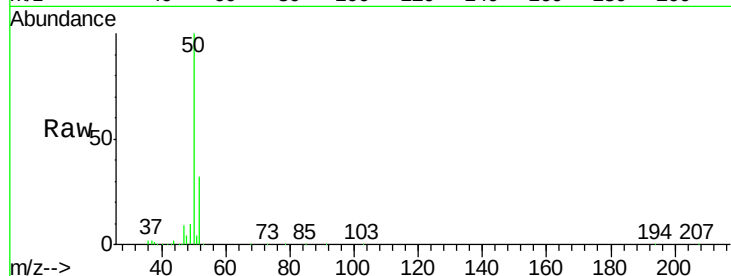
52 32.0 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

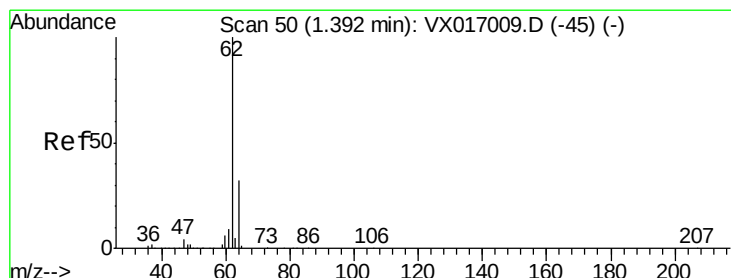
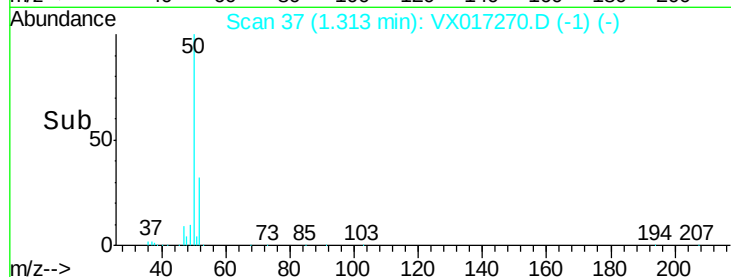
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 43.917 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017270.D

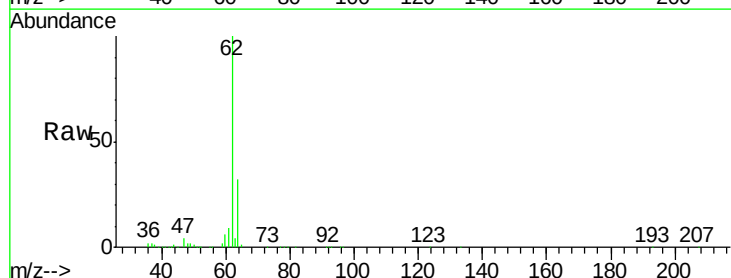
Acq: 08 Jul 2020 20:46

Tgt Ion: 62 Resp: 138181

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

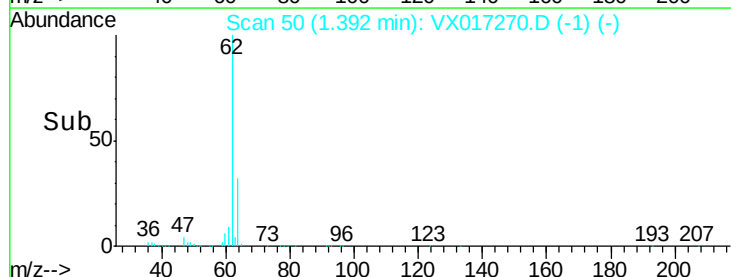
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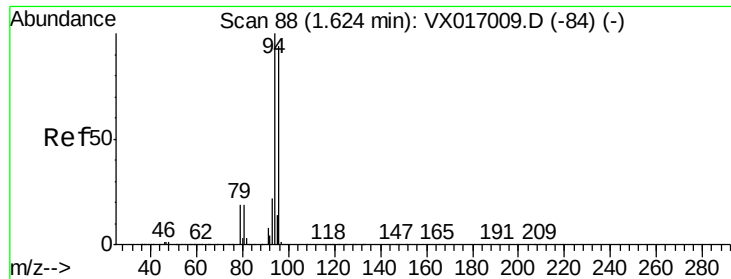
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 46.280 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76933

Ion Ratio Lower Upper

94 100

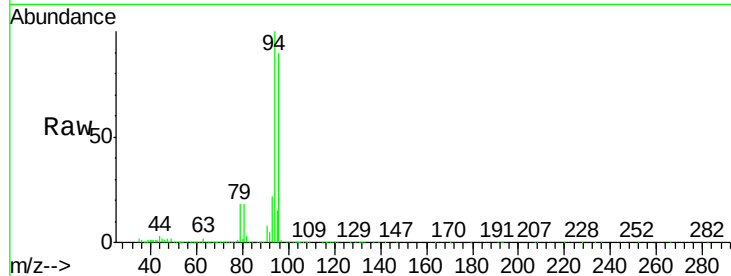
96 90.1 75.0 112.4

Manual Integrations

APPROVED

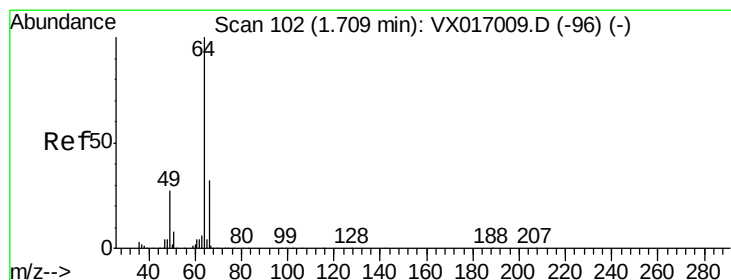
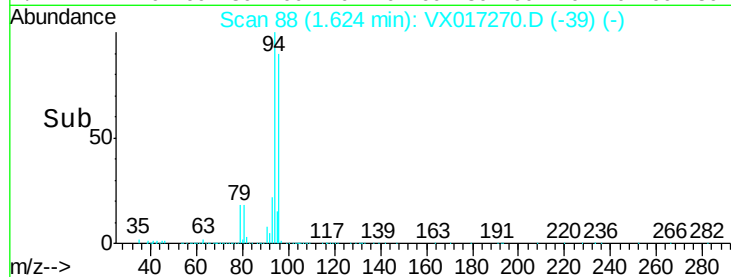
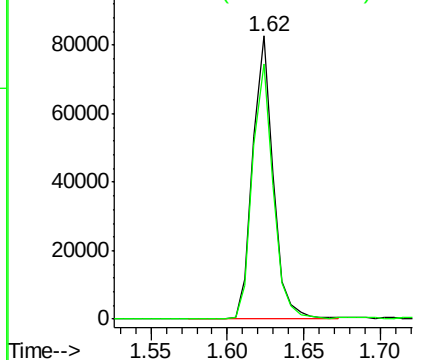
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.735 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017270.D

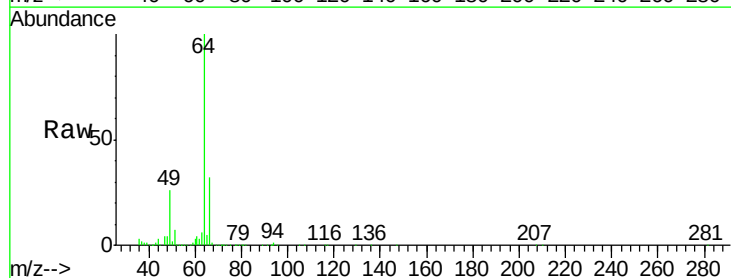
Acq: 08 Jul 2020 20:46

Tgt Ion: 64 Resp: 88705

Ion Ratio Lower Upper

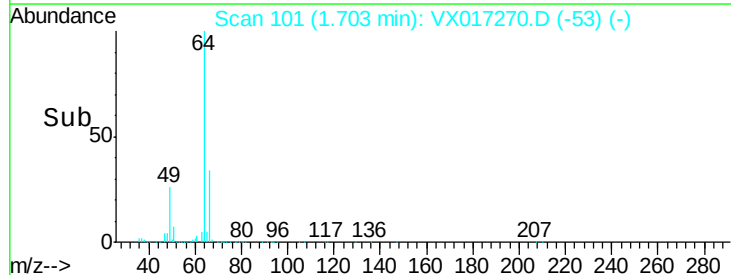
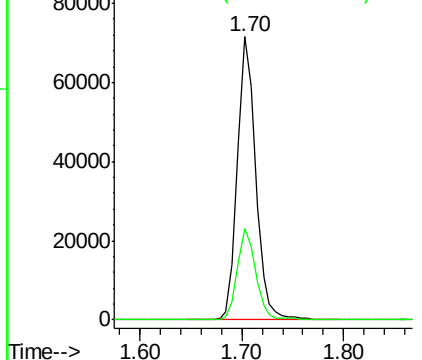
64 100

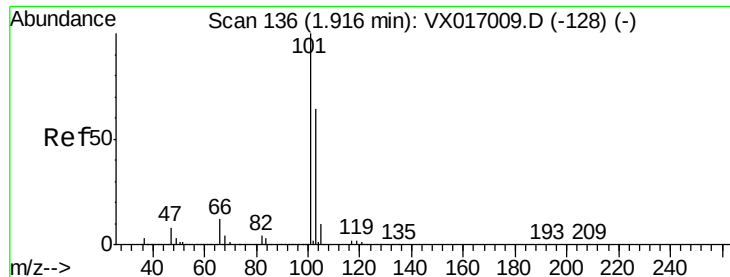
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

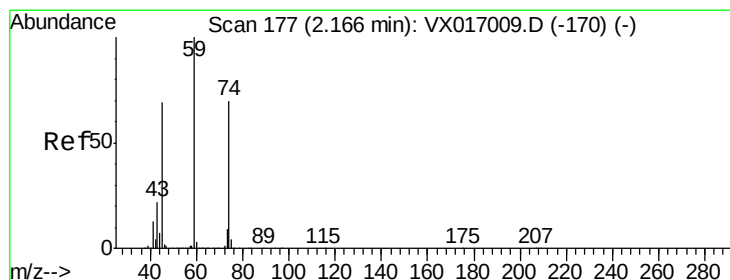
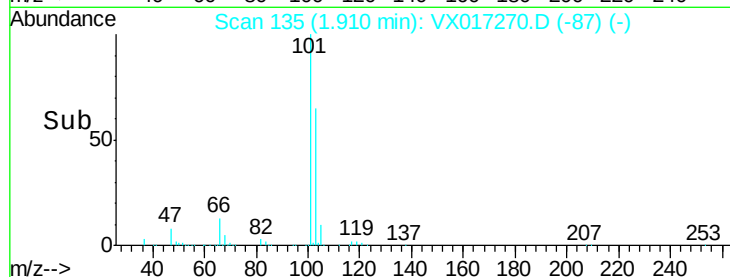
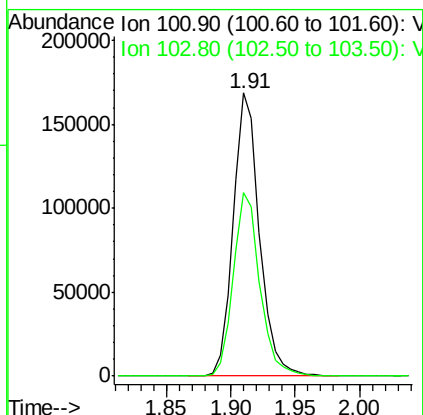
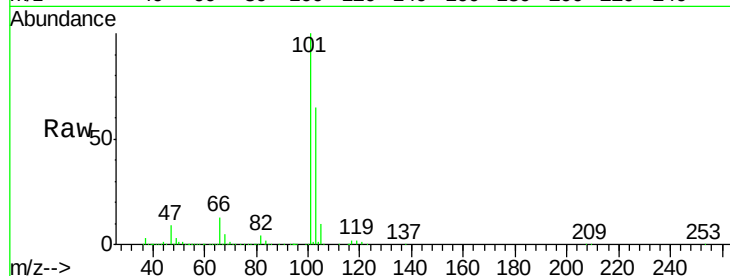
Trichlorofluoromethane
 Concen: 51.613 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.5	77.3

Manual Integrations
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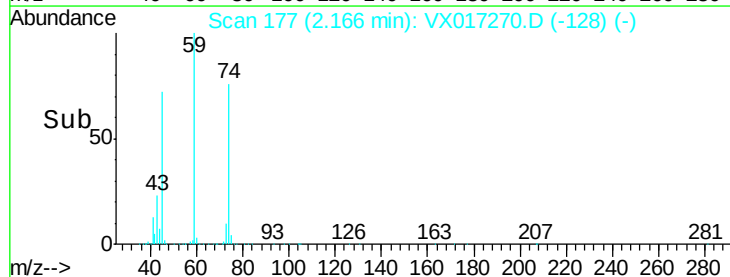
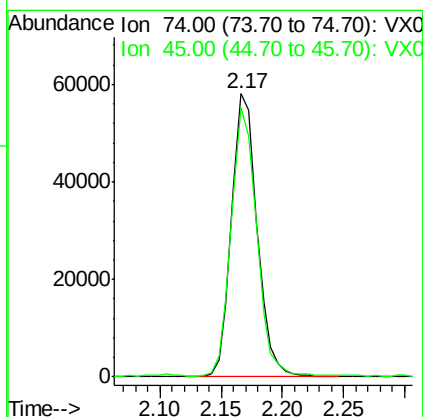
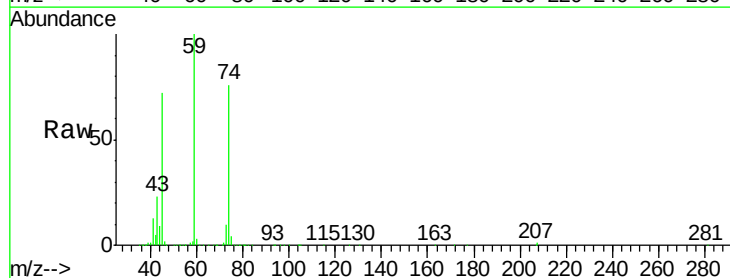
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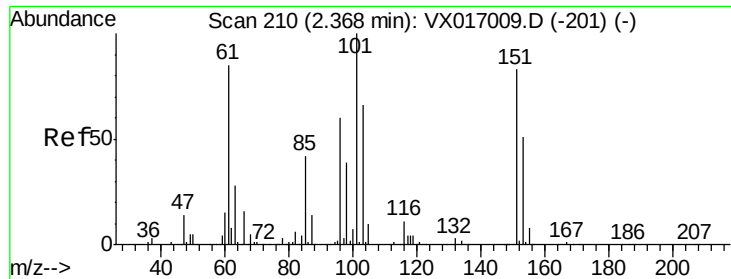


#8

Diethyl Ether
 Concen: 53.766 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	49.8	149.3





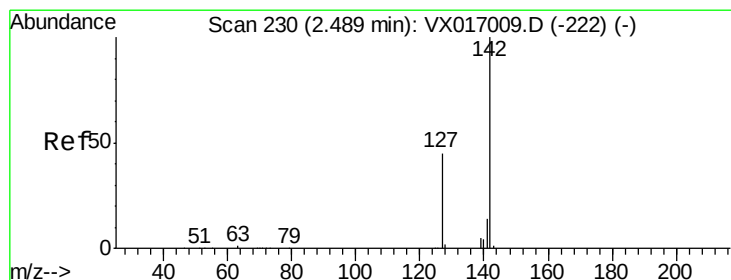
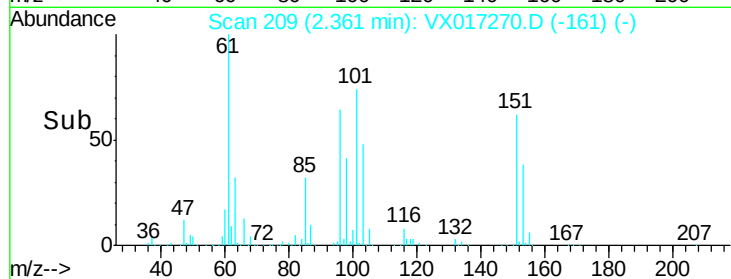
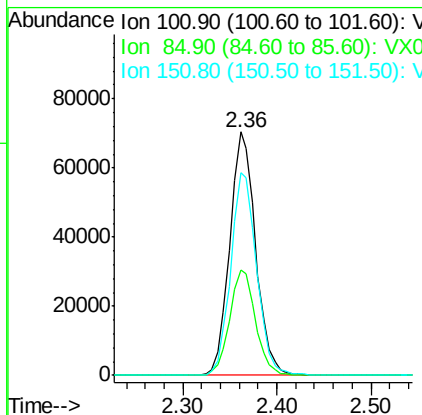
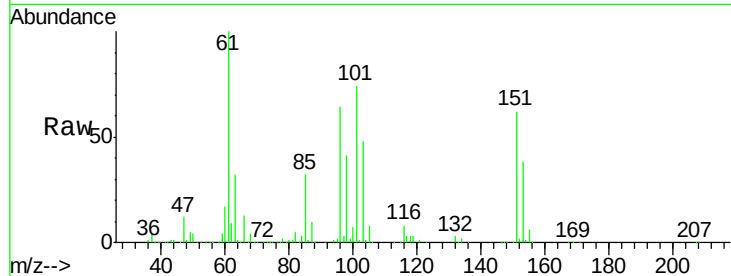
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.968 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	133783		
85	43.4	33.5	50.3	
151	83.2	63.8	95.6	

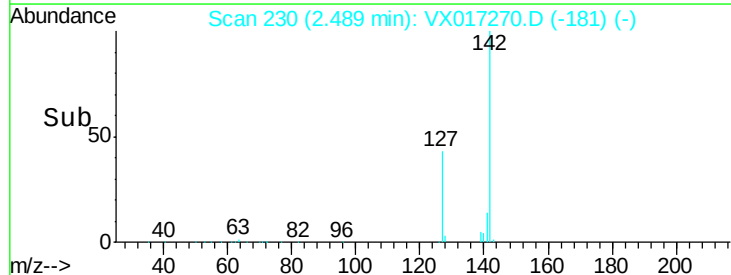
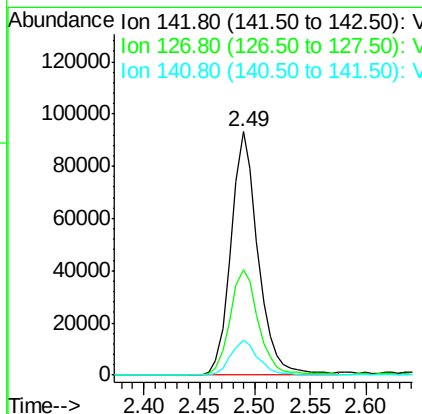
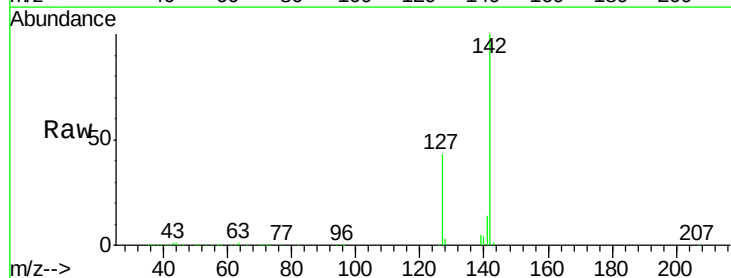
Manual Integrations
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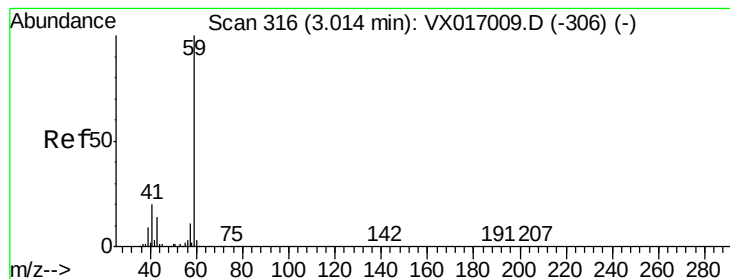
MMDadoda
7/9/2020 10:59:54 AM



#10
Methyl Iodide
Concen: 43.867 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	157868		
127	45.4	36.6	54.8	
141	14.5	11.6	17.4	





#11

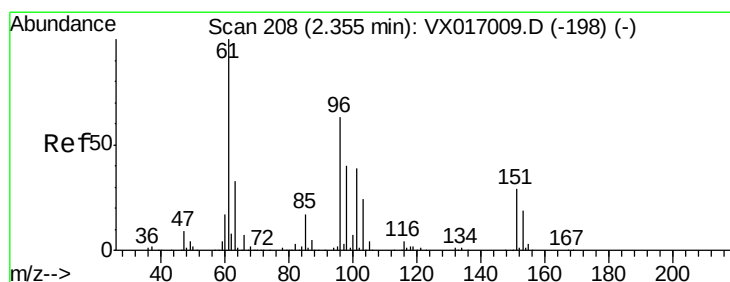
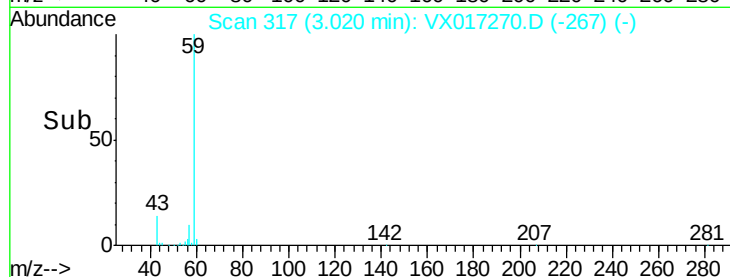
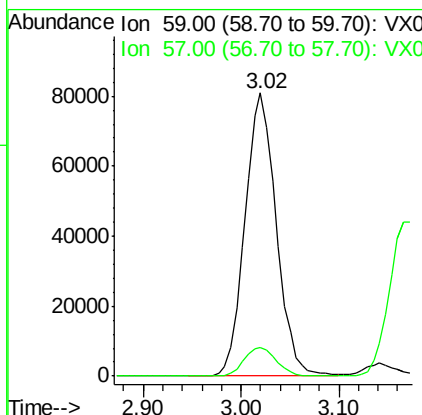
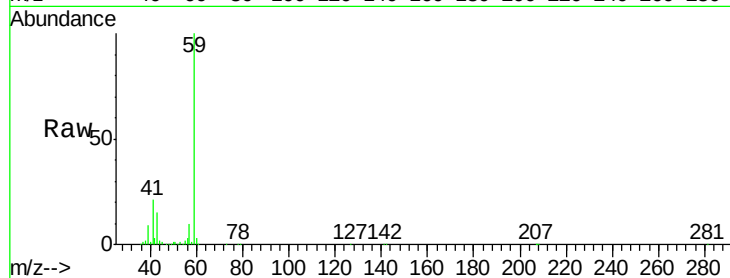
Tert butyl alcohol
Concen: 263.124 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

Manual Integrations
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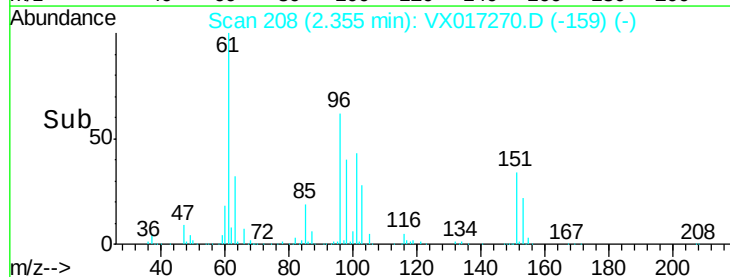
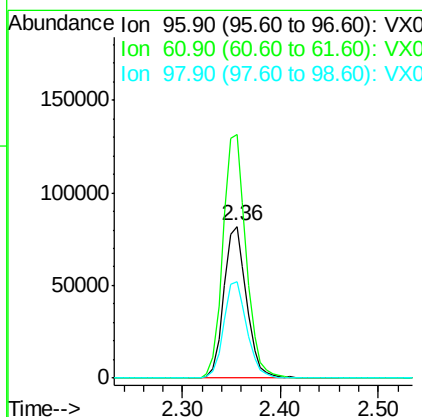
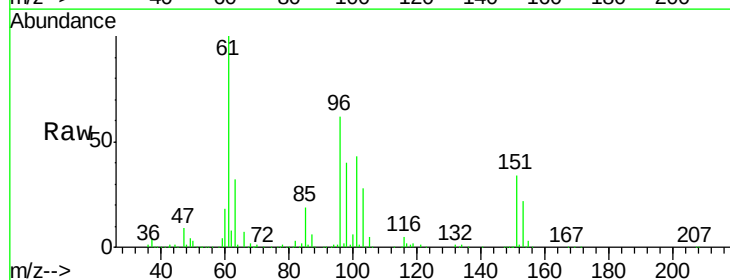
MMDadoda
7/9/2020 10:59:54 AM

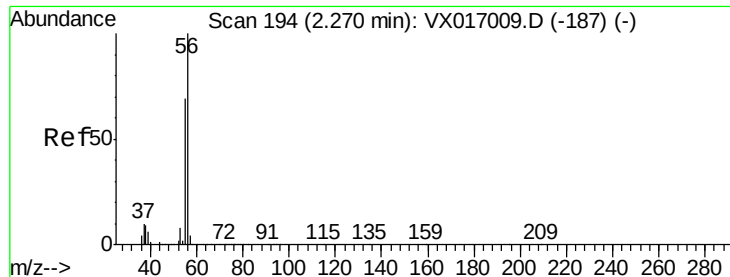


#12

1,1-Dichloroethene
Concen: 45.756 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	126.3	189.5
98	63.9	51.0	76.6





#13

Acrolein

Concen: 308.015 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 125401

Ion Ratio Lower Upper

56 100

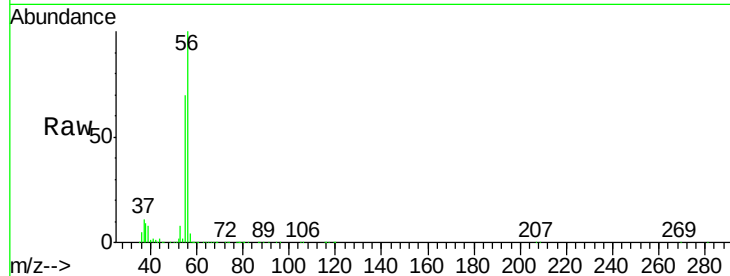
55 69.7 55.7 83.5

Manual Integrations

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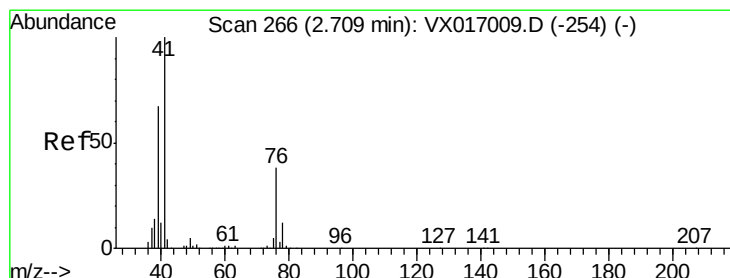
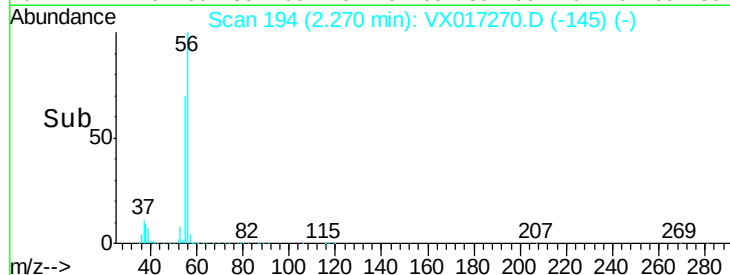
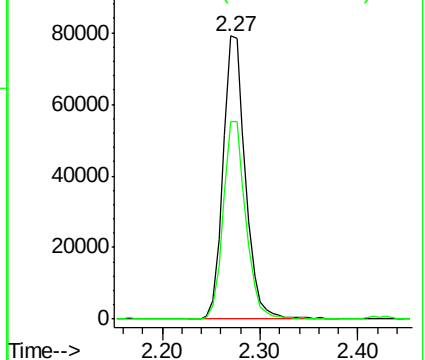
MMDadoda

7/9/2020 10:59:54 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.454 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

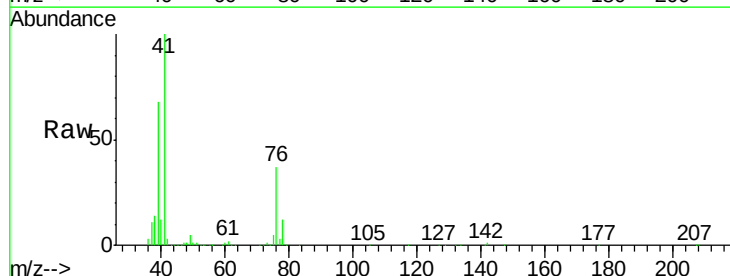
Tgt Ion: 41 Resp: 235380

Ion Ratio Lower Upper

41 100

39 65.3 49.4 74.2

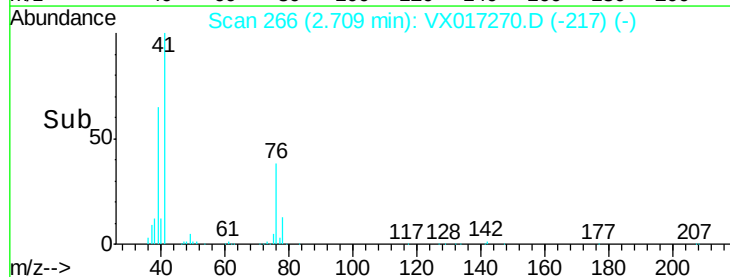
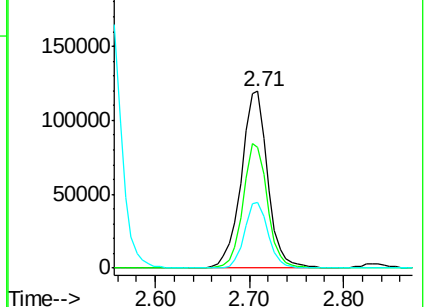
76 33.6 26.8 40.2

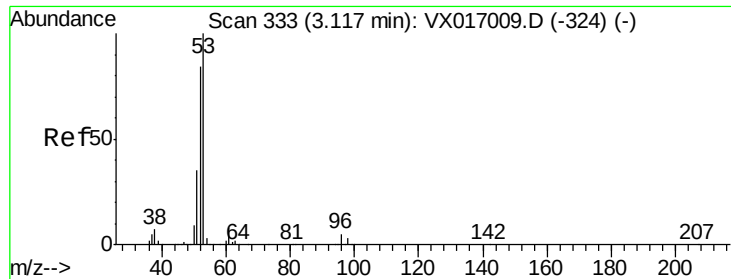


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 253.845 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

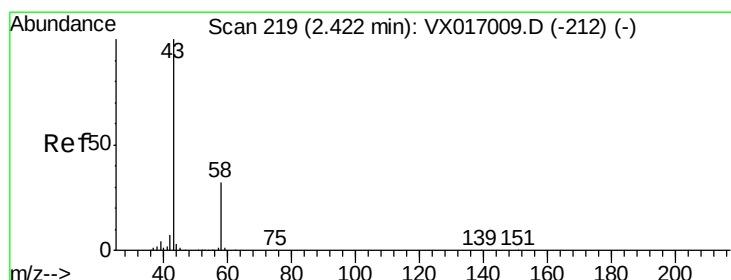
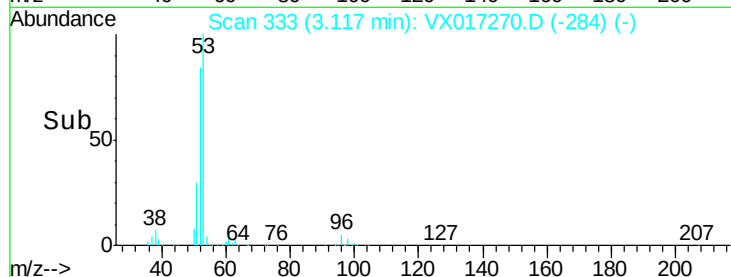
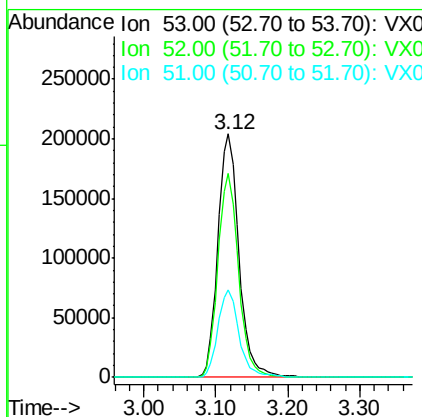
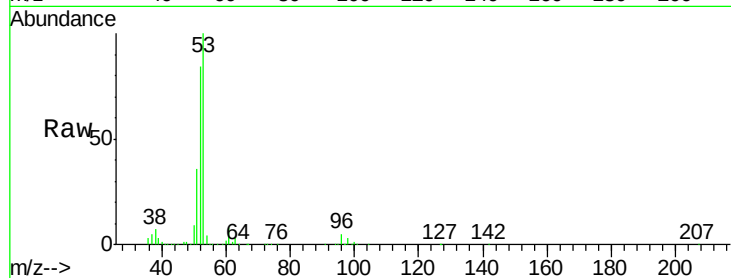
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	415607
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.6	98.4
51	36.2	28.3	42.5

Manual Integrations
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MMDadoda
7/9/2020 10:59:54 AM



#16

Acetone

Concen: 263.554 ug/l

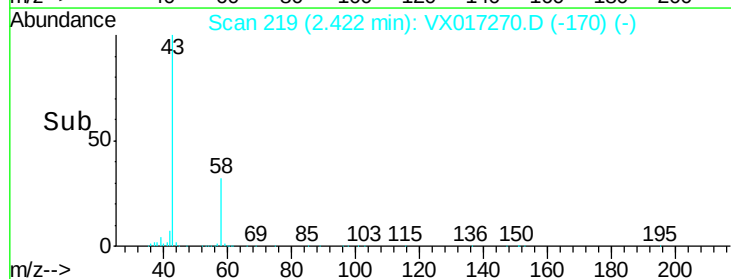
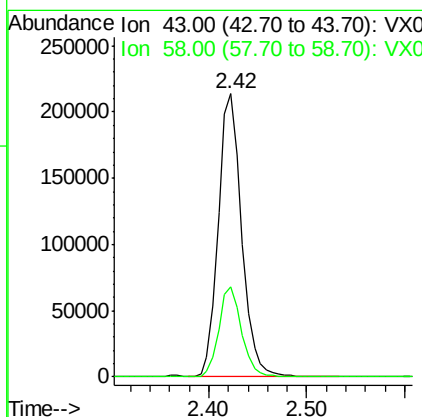
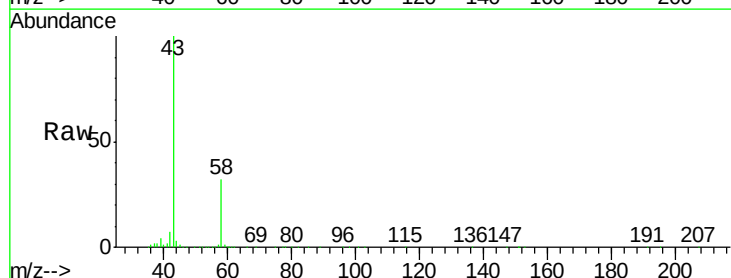
RT: 2.42 min Scan# 219

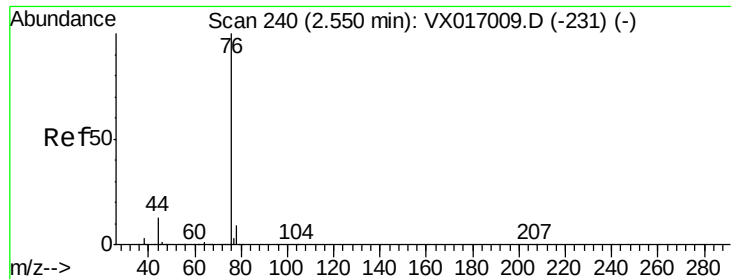
Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion:	43	Resp:	351983
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.7	38.5





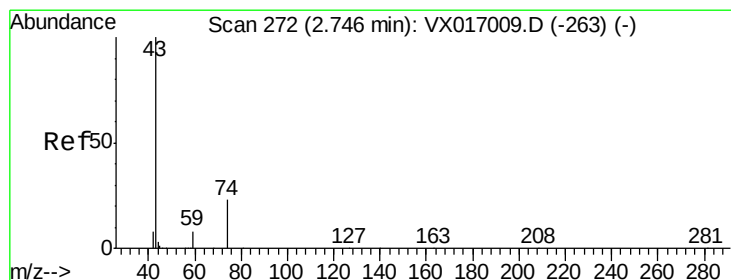
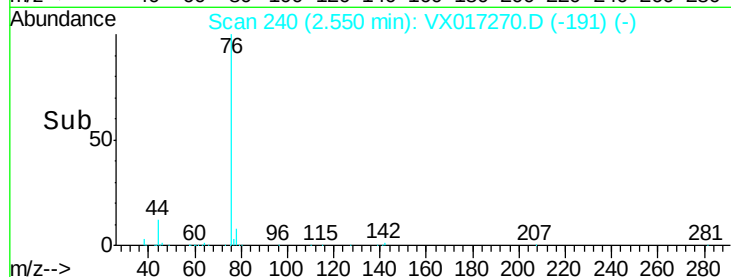
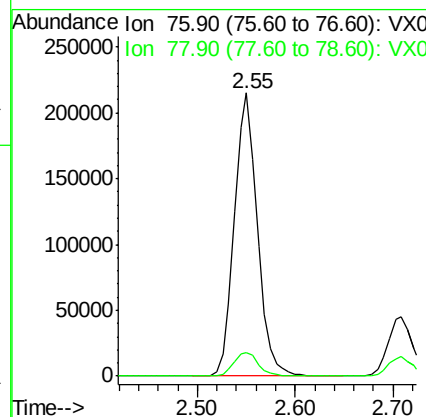
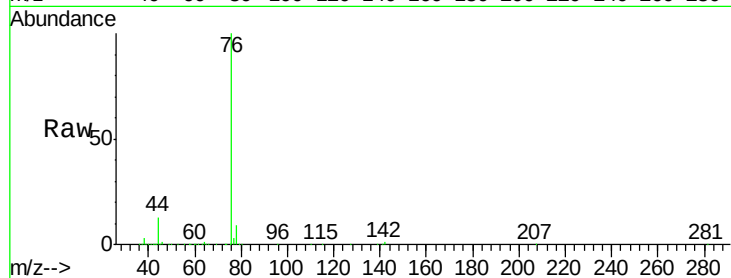
#17
Carbon Disulfide
Concen: 43.868 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

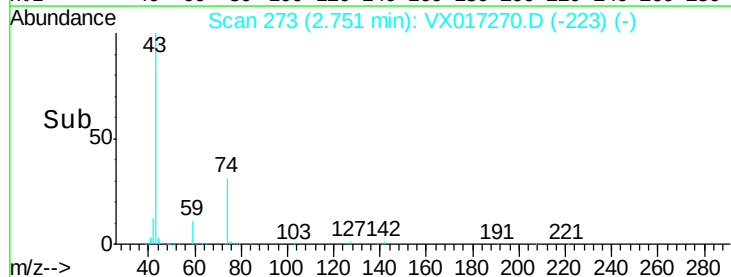
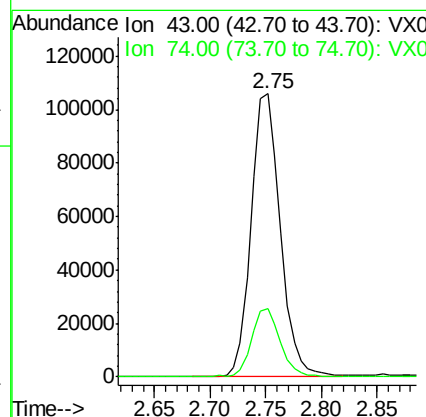
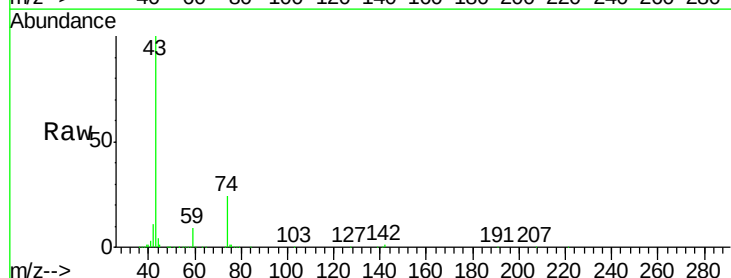
Manual Integrations
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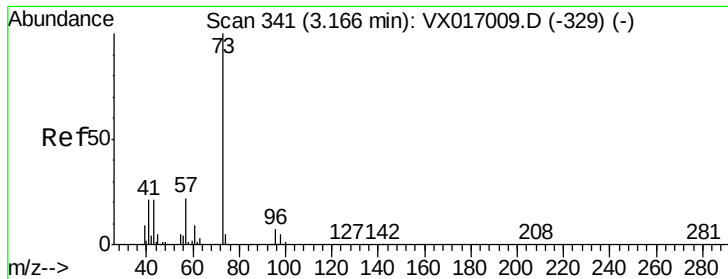
MMDadoda
7/9/2020 10:59:54 AM



#18
Methyl Acetate
Concen: 55.315 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.3	28.9





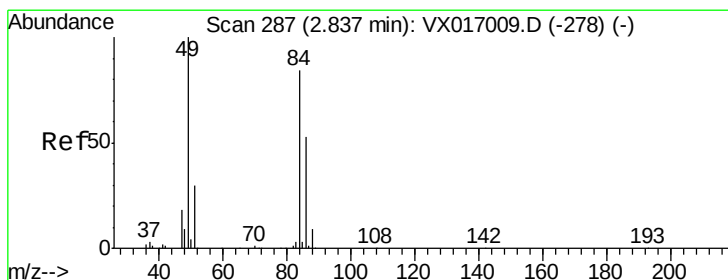
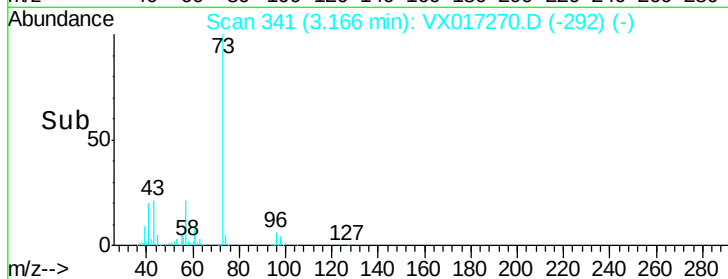
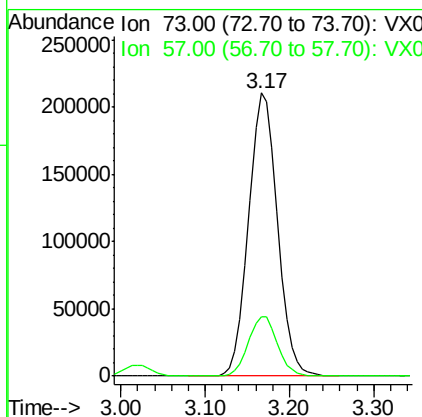
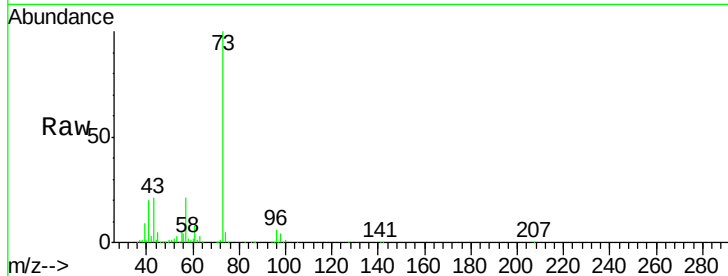
#19
Methyl tert-butyl Ether
Concen: 50.833 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.6	26.4

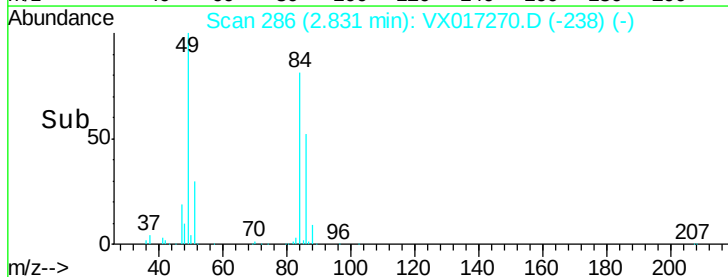
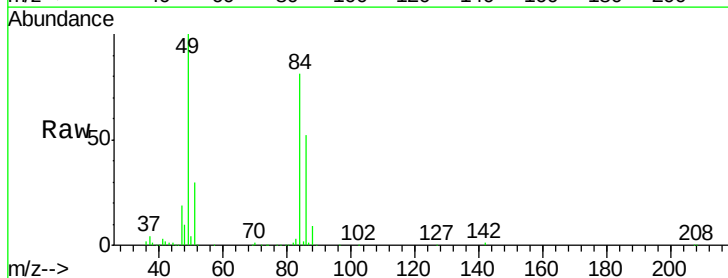
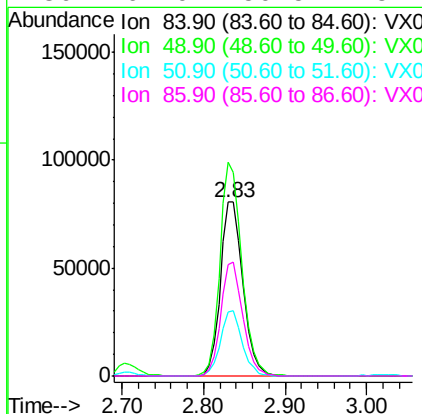
Manual Integrations
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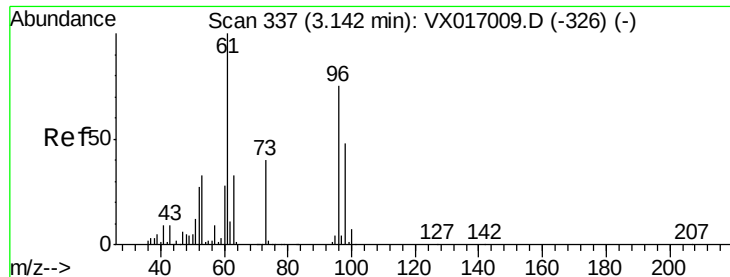
MMDadoda
7/9/2020 10:59:54 AM



#20
Methylene Chloride
Concen: 50.548 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	94.7	142.1
51	37.0	28.6	42.8
86	64.0	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 46.543 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 147983

Ion Ratio Lower Upper

96 100

61 140.6 107.0 160.6

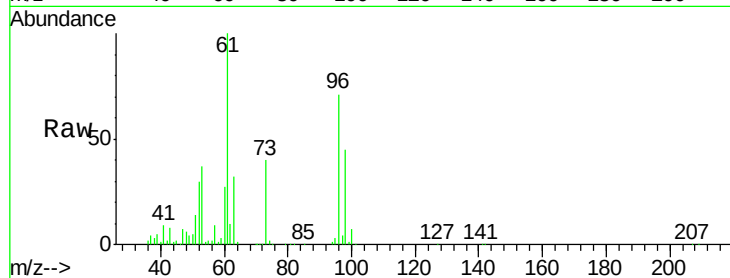
98 63.6 51.6 77.4

Manual Integrations

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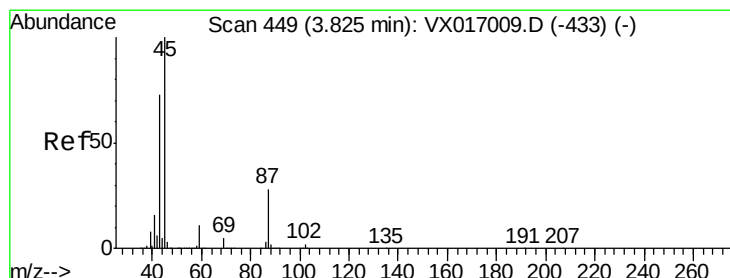
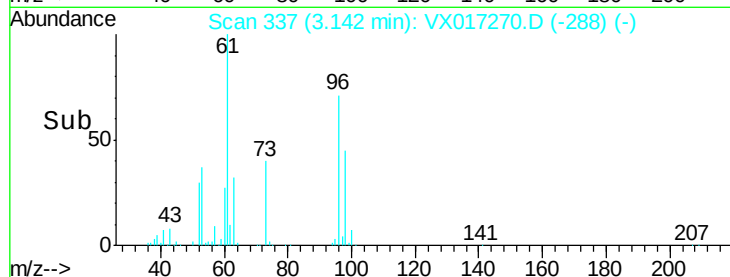
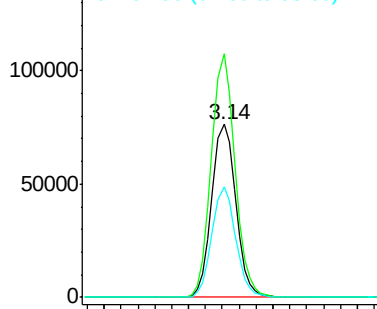


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.583 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion: 45 Resp: 476115

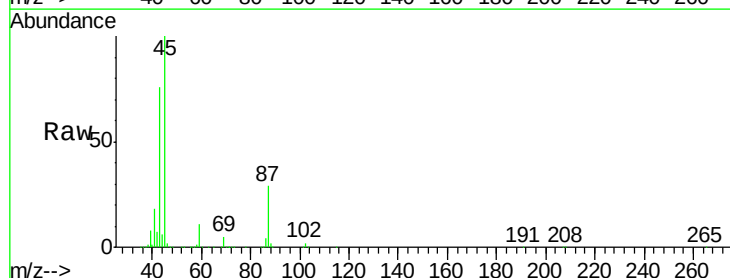
Ion Ratio Lower Upper

45 100

43 76.4 58.6 88.0

87 28.5 22.6 34.0

59 11.3 8.7 13.1



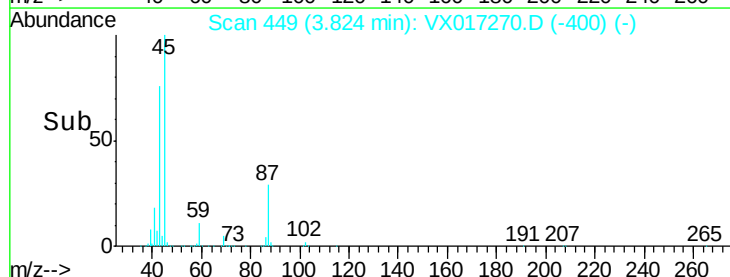
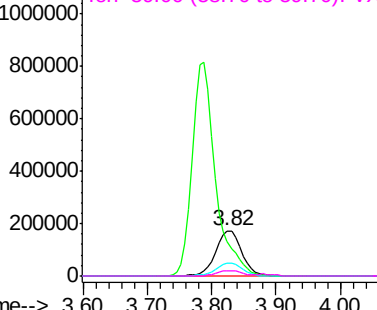
Abundance

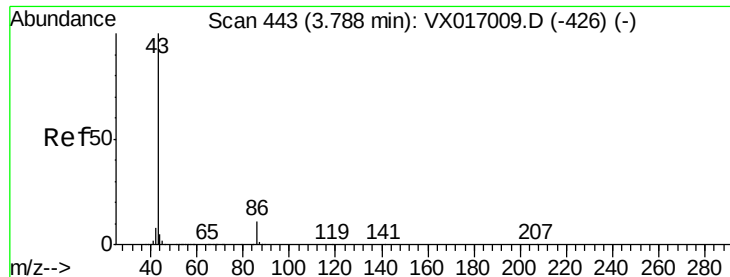
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 248.683 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2094213

Ion Ratio Lower Upper

43 100

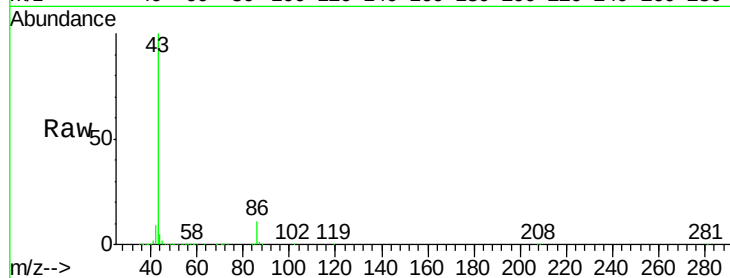
86 11.2 8.6 13.0

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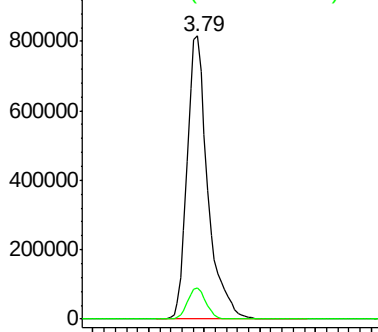
MMDadoda

7/9/2020 10:59:54 AM

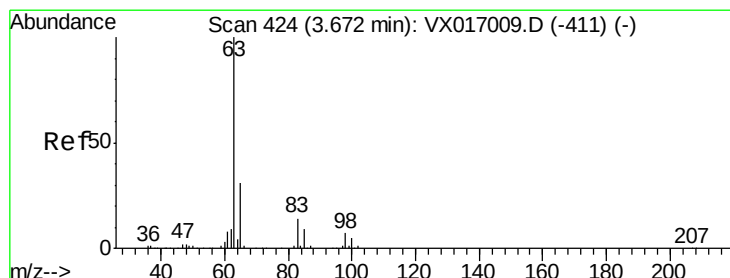
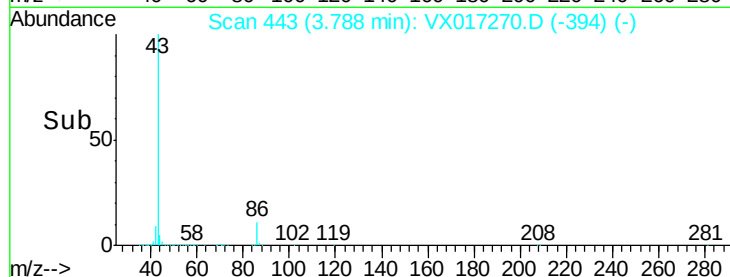


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 47.889 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

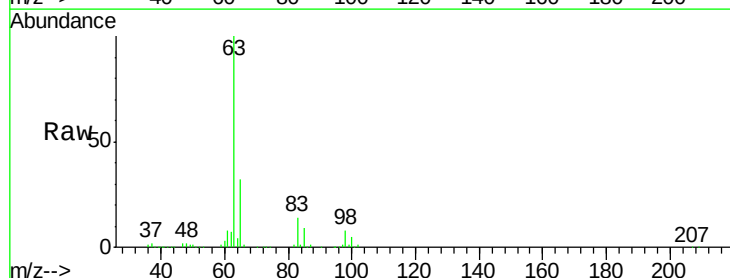
Tgt Ion: 63 Resp: 267036

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

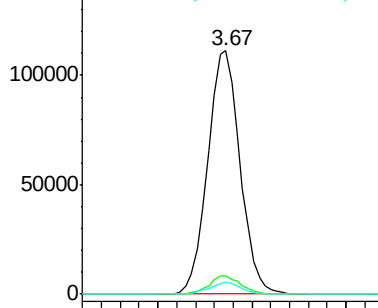
100 5.0 2.4 7.1



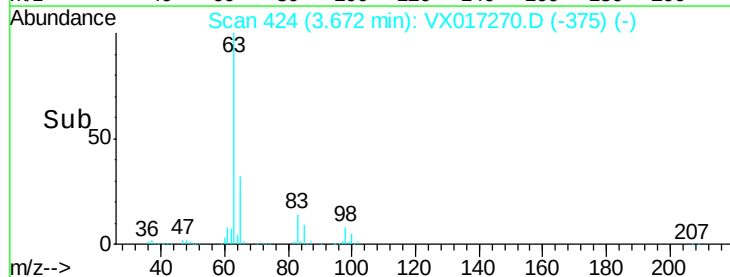
Abundance Ion 62.90 (62.60 to 63.60): VX0

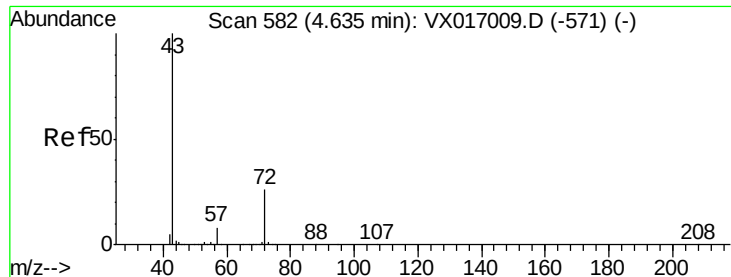
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





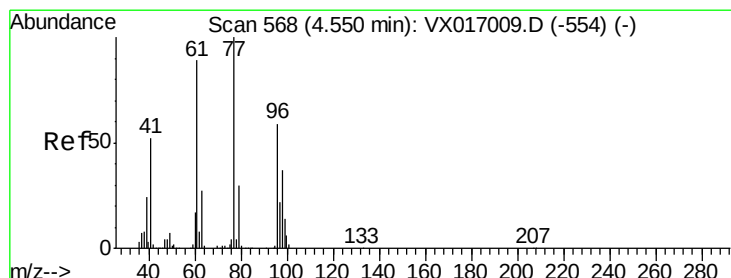
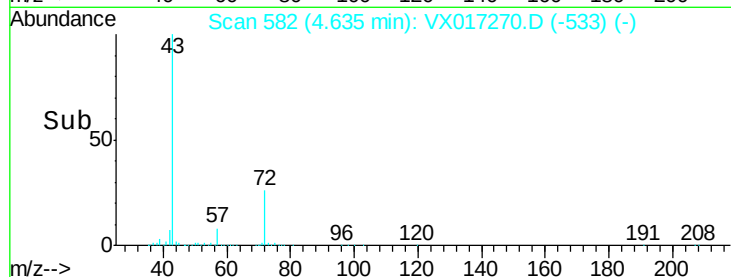
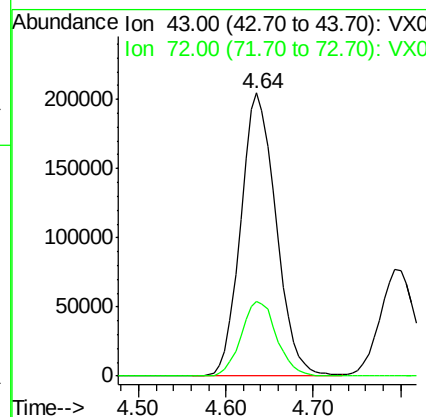
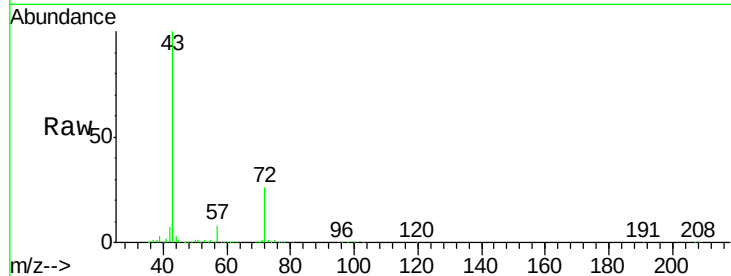
#25
2-Butanone
Concen: 257.470 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 572957
Ion Ratio Lower Upper
43 100
72 26.3 20.8 31.2

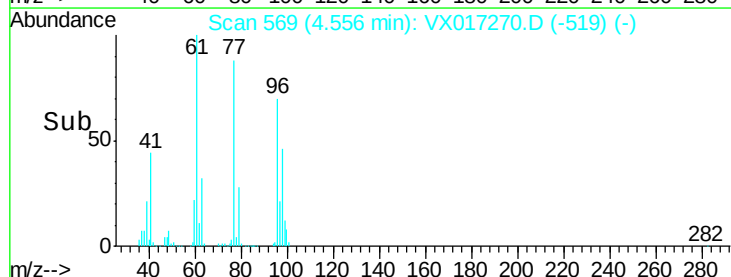
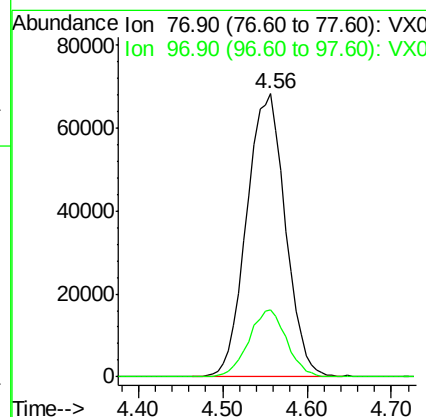
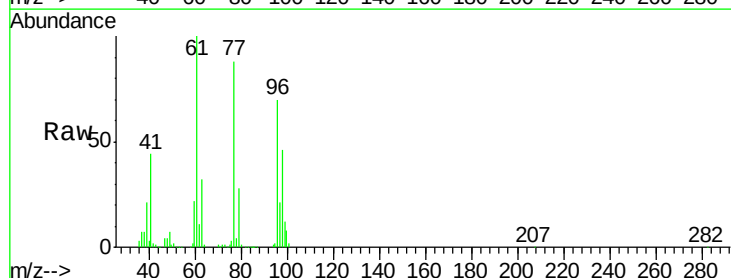
Manual Integrations
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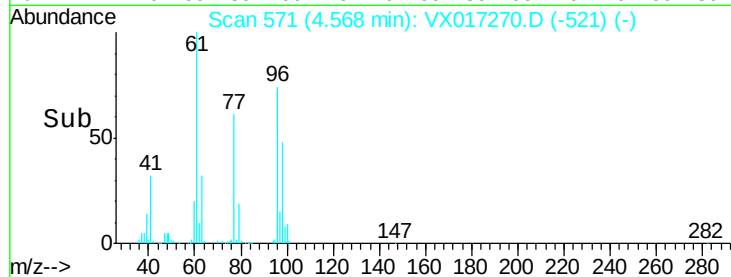
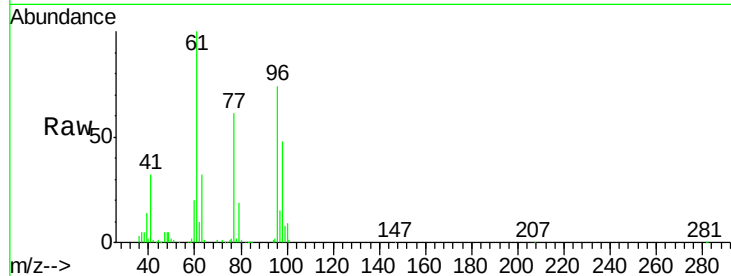
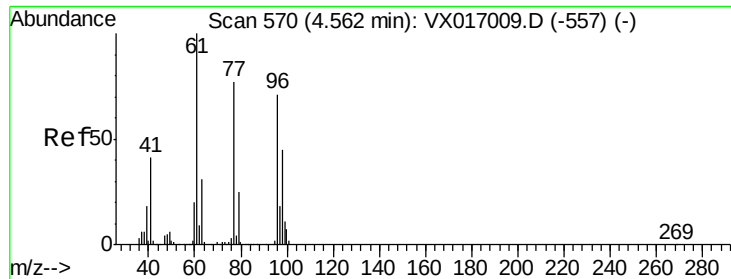
MMDadoda
7/9/2020 10:59:54 AM



#26
2,2-Dichloropropane
Concen: 43.091 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 77 Resp: 213350
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27

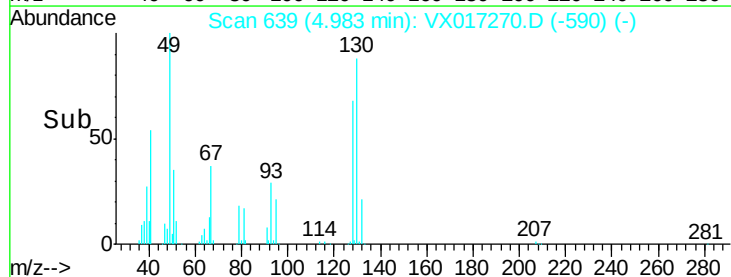
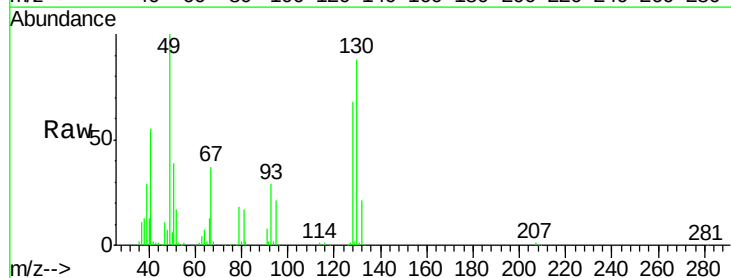
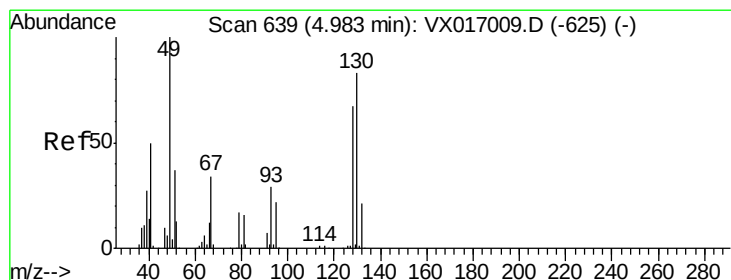
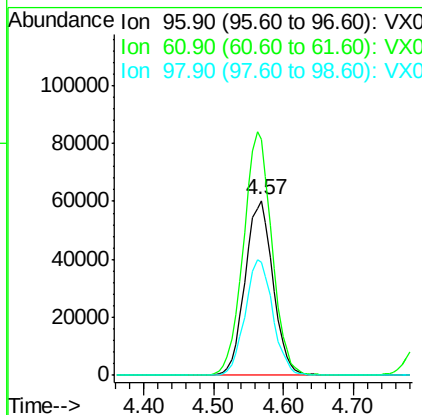
cis-1,2-Dichloroethene
Concen: 46.405 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tot Ion	Ratio	Resp	Lower	Upper
96	100	167178		
61	142.2	0.0	282.8	
98	65.6	0.0	127.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

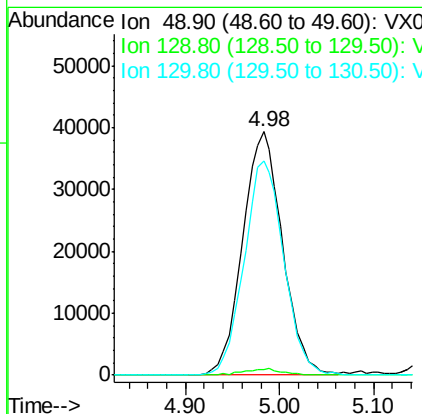
MMDadoda
7/9/2020 10:59:54 AM

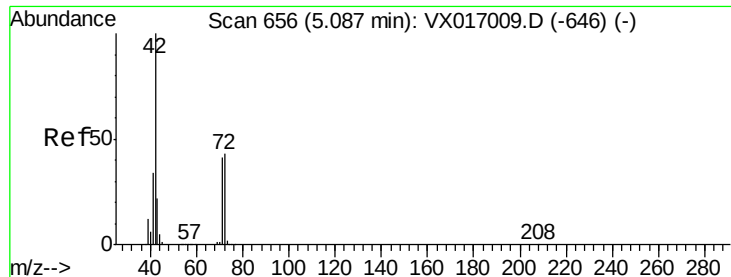


#28

Bromochloromethane
Concen: 42.909 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116431		
129	2.6	0.0	4.2	
130	87.8	66.6	100.0	





#29

Tetrahydrofuran

Concen: 254.542 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

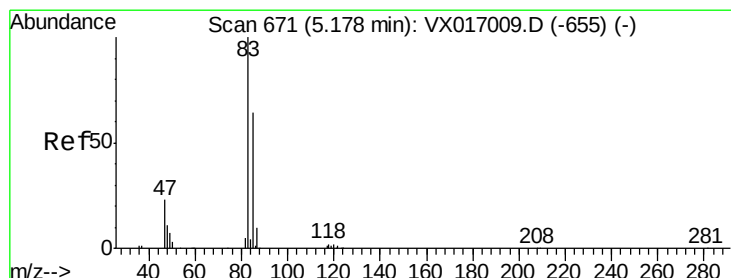
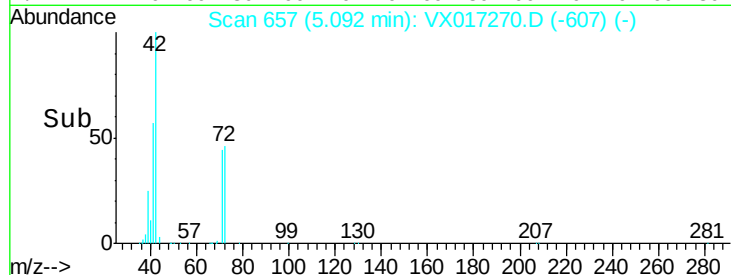
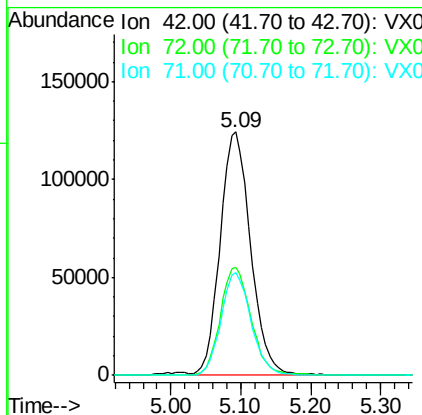
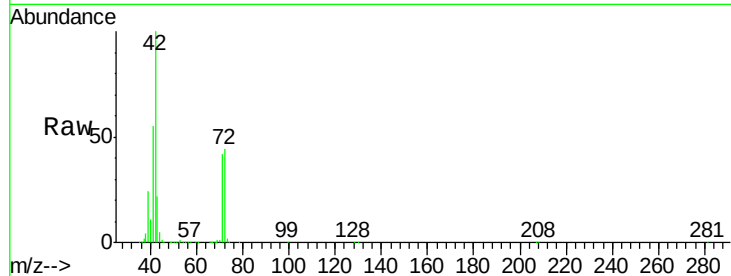
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	374260
Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.3	52.9
71	41.8	33.1	49.7

Manual Integrations
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#30

Chloroform

Concen: 50.039 ug/l

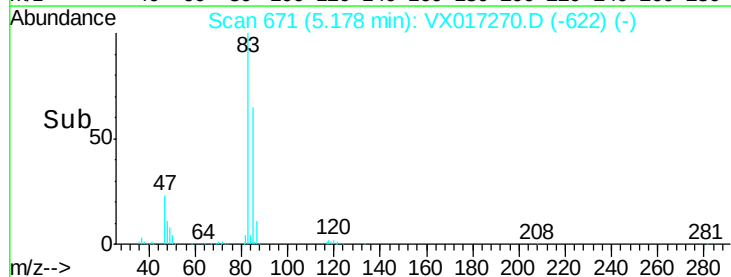
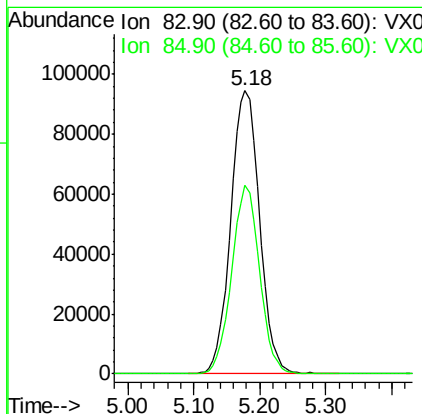
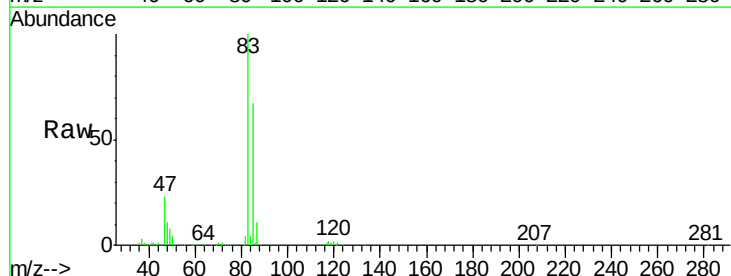
RT: 5.18 min Scan# 671

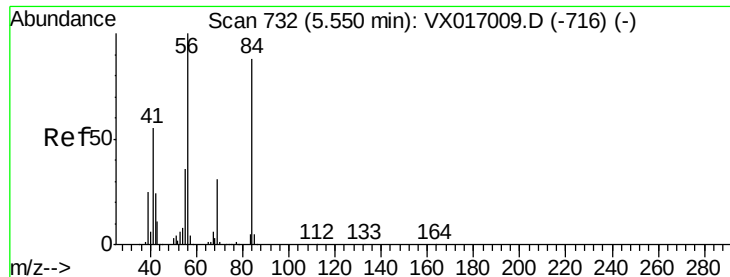
Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion:	83	Resp:	286029
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2





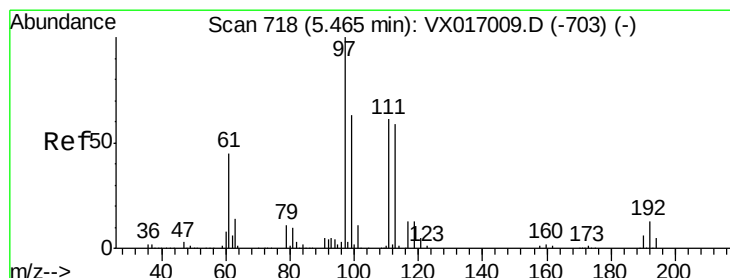
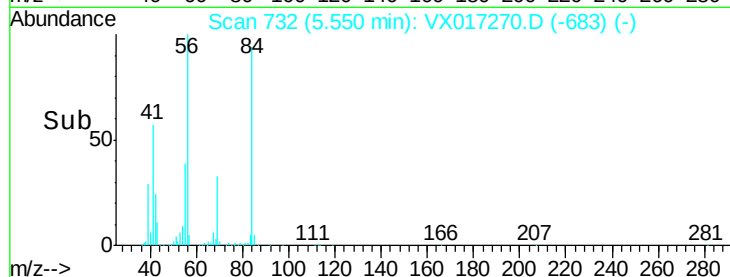
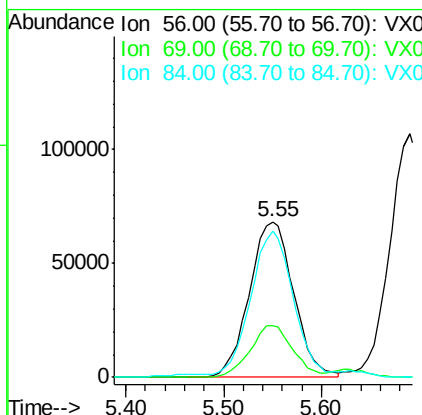
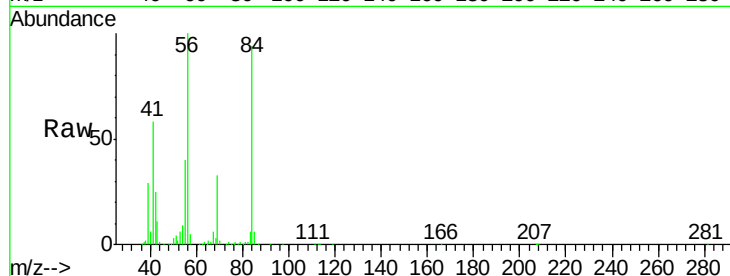
#31
Cyclohexane
Concen: 44.840 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.0	37.4
84	92.4	69.1	103.7

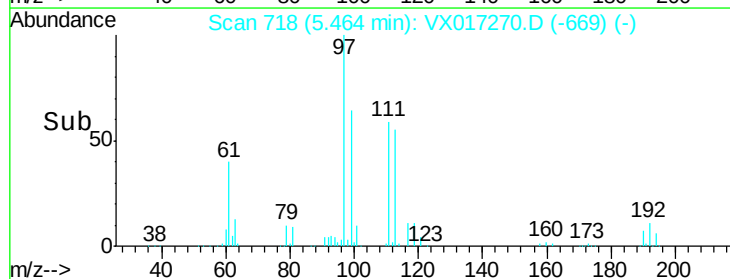
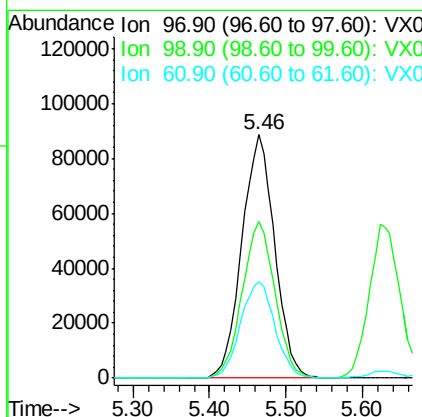
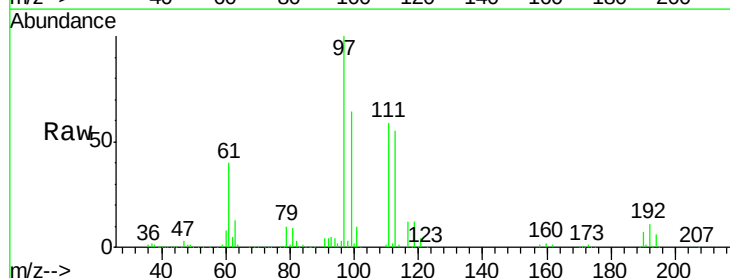
Manual Integrations
APPROVED

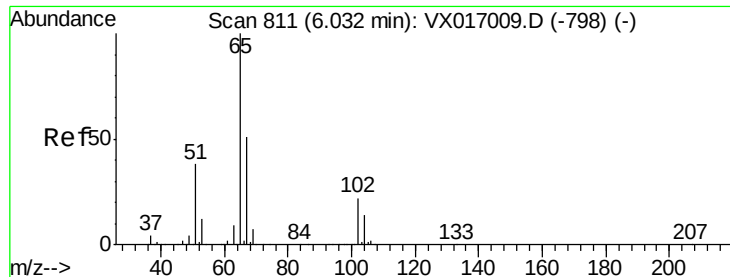
MMDadoda
7/9/2020 10:59:54 AM



#32
1,1,1-Trichloroethane
Concen: 50.233 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	41.3	33.7	50.5





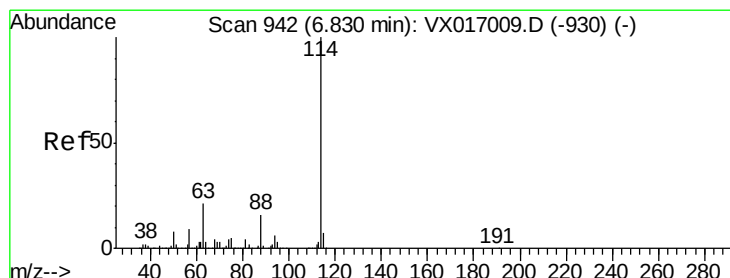
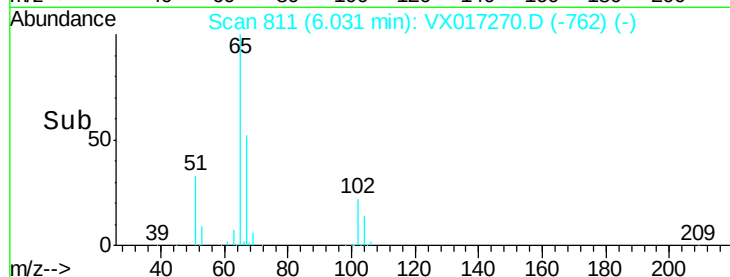
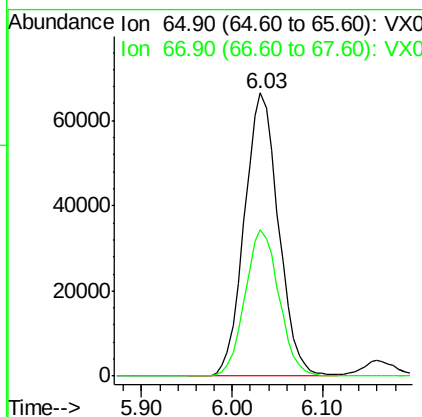
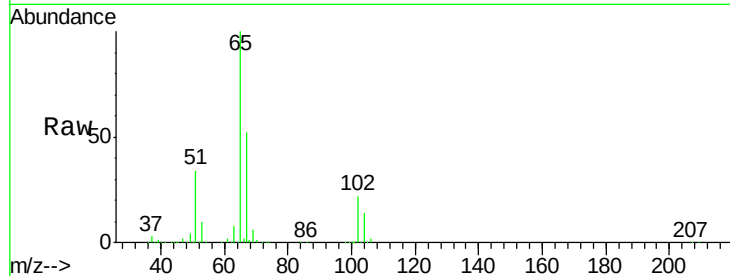
#33
 1,2-Dichloroethane-d4
 Concen: 48.410 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.8

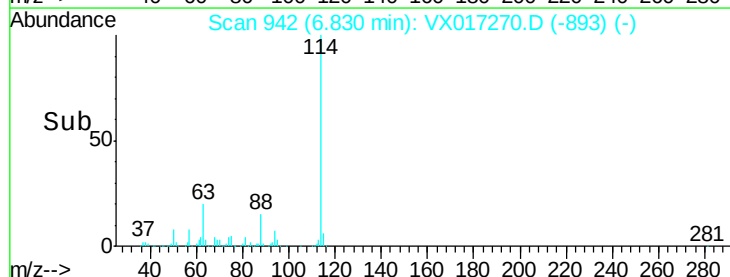
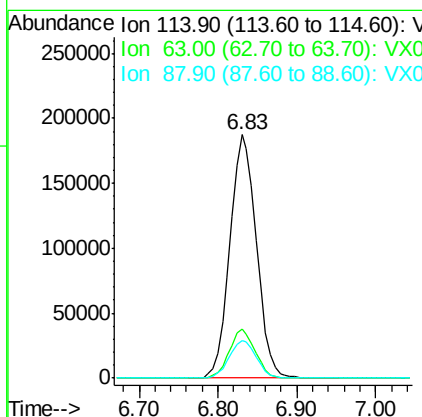
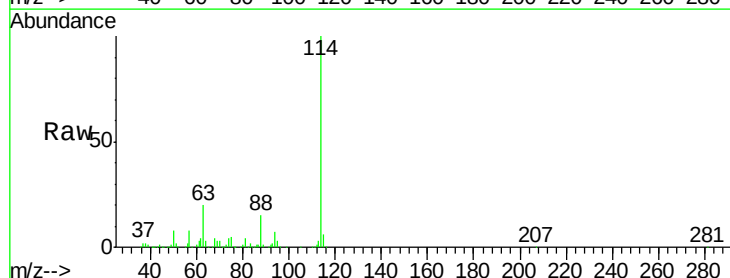
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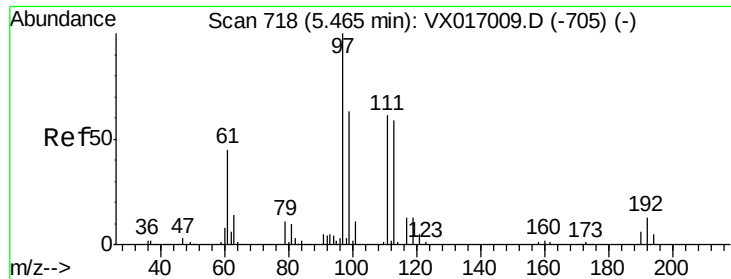
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 7/9/2020 10:59:54 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.2	0.0	32.4





#35

Dibromofluoromethane

Concen: 51.239 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

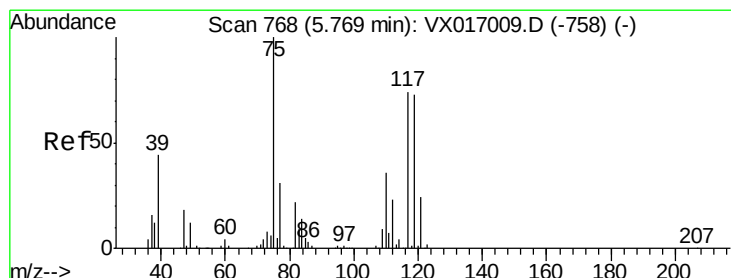
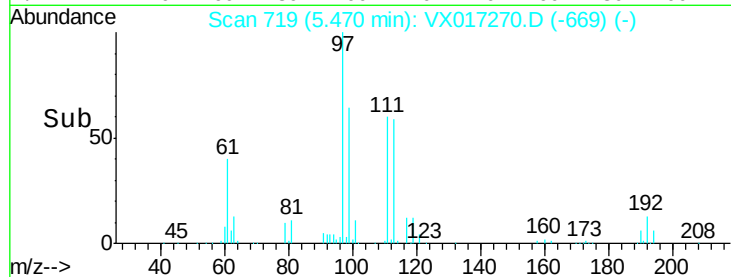
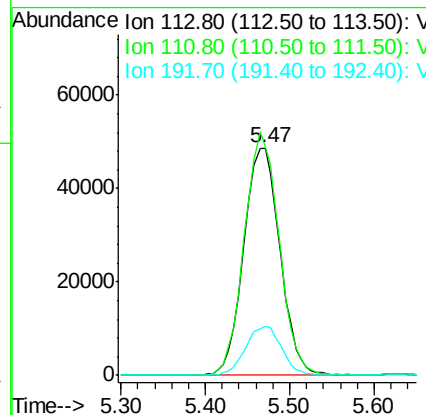
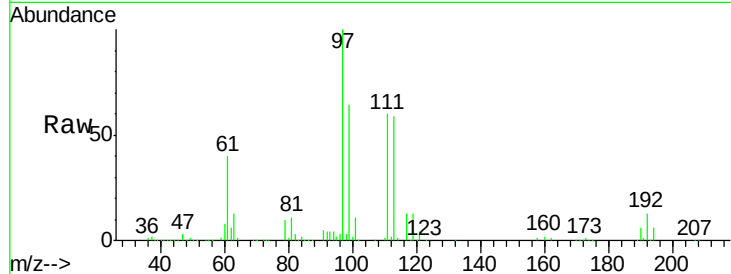
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	141896
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	21.5	16.7	25.1

Manual Integrations
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7/9/2020 10:59:54 AM



#36

1,1-Dichloropropene

Concen: 48.354 ug/l

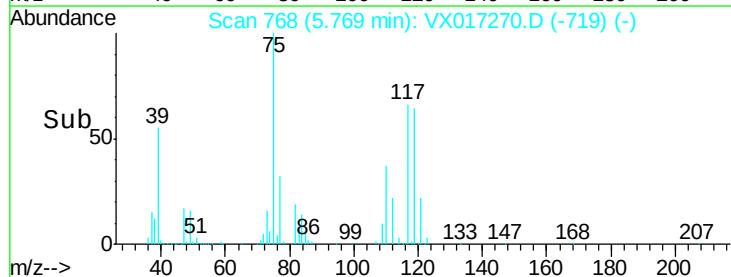
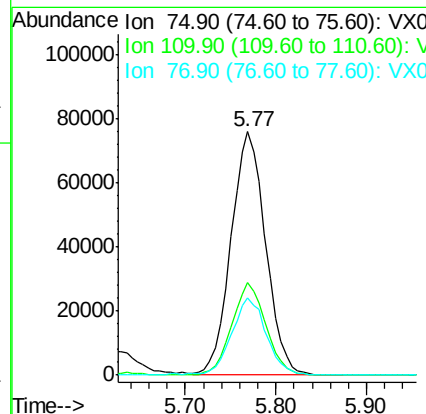
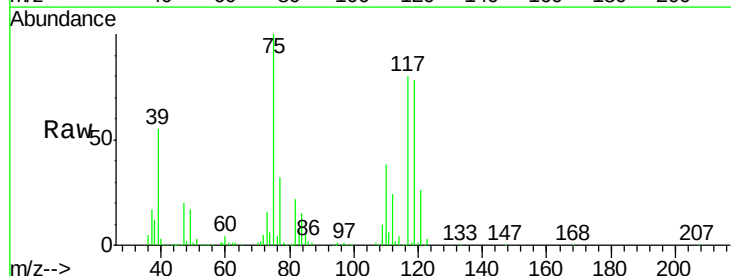
RT: 5.77 min Scan# 768

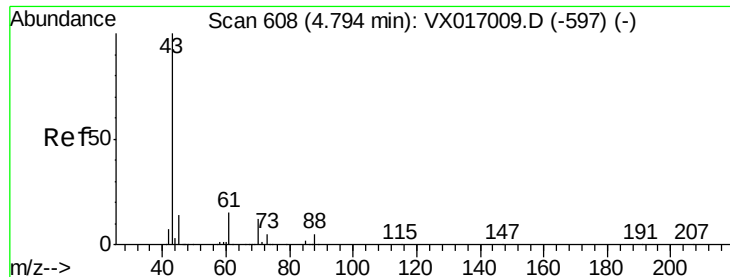
Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion:	75	Resp:	200069
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.1
77	31.6	24.6	37.0





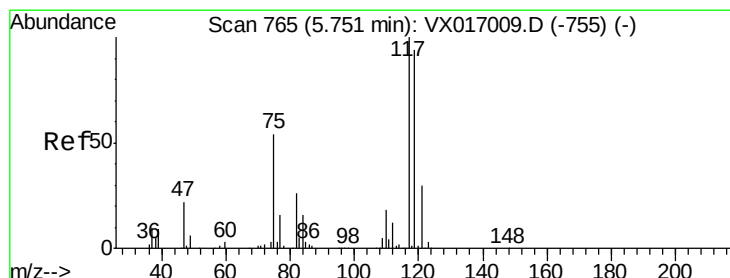
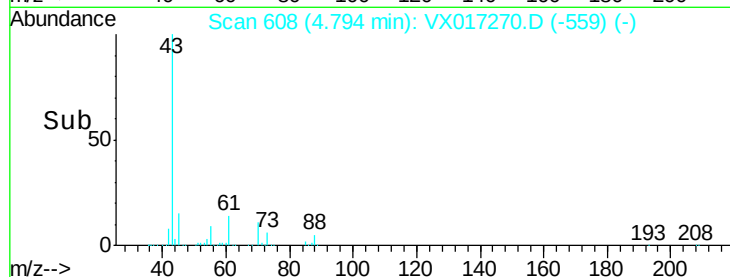
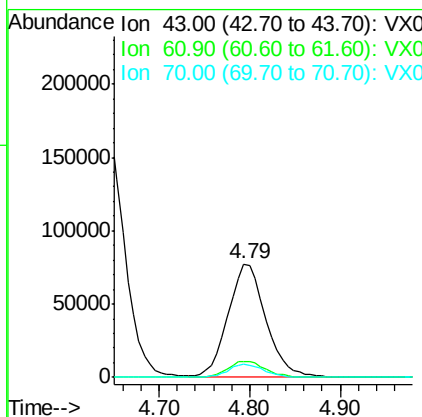
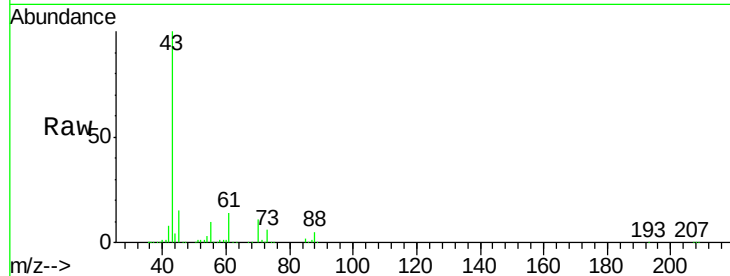
#37
Ethyl Acetate
Concen: 52.362 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.4
70	11.5	8.9	13.3

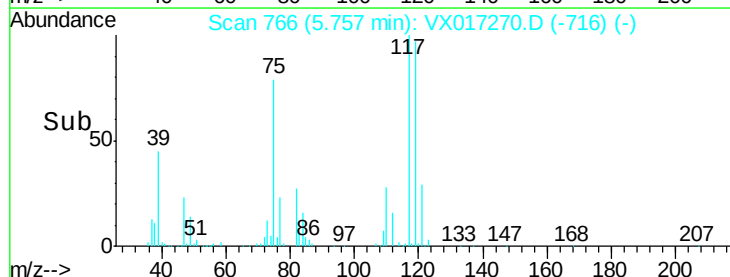
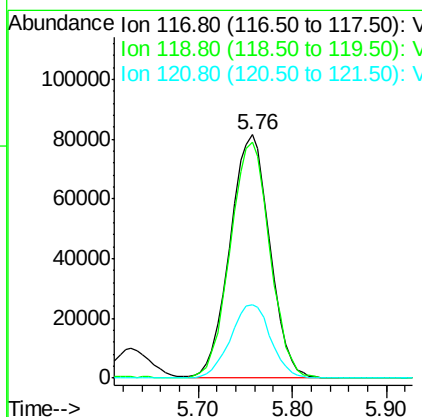
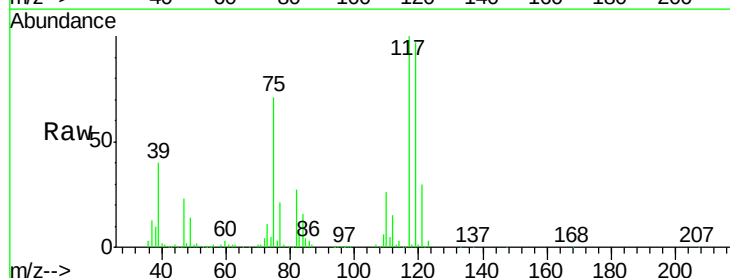
Manual Integrations
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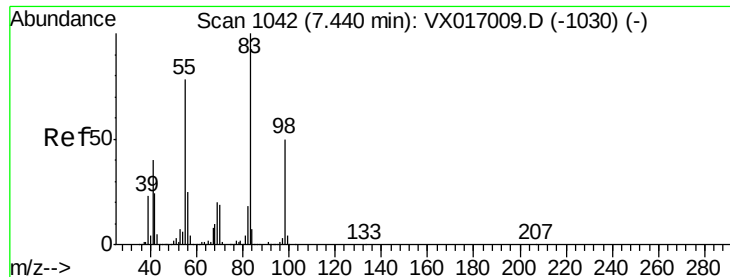
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.757 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
121	30.0	23.8	35.6





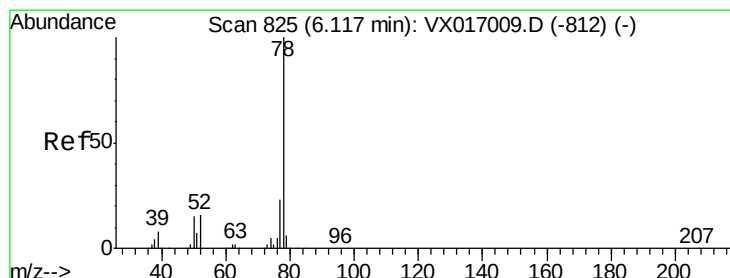
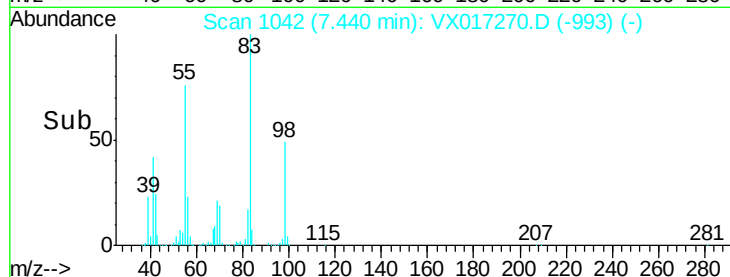
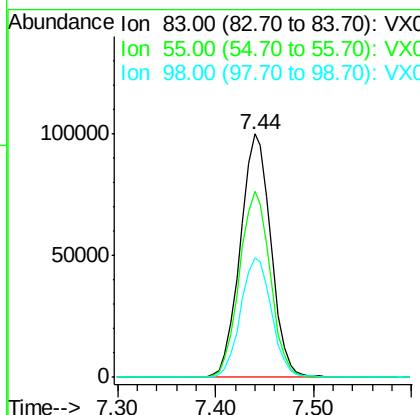
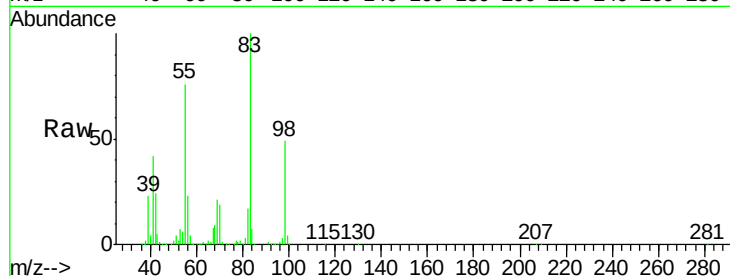
#39
Methylvlcyclohexane
Concen: 47.083 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	216752
Ion	Ratio	Lower	Upper
83	100		
55	76.3	62.5	93.7
98	49.0	40.1	60.1

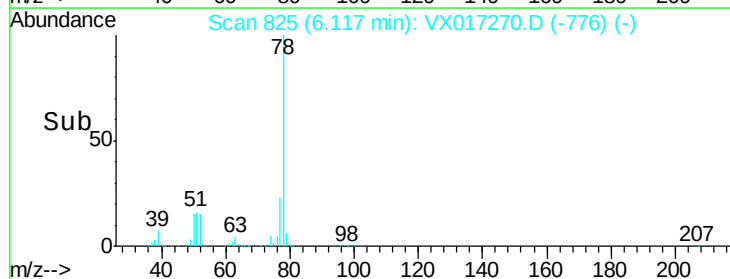
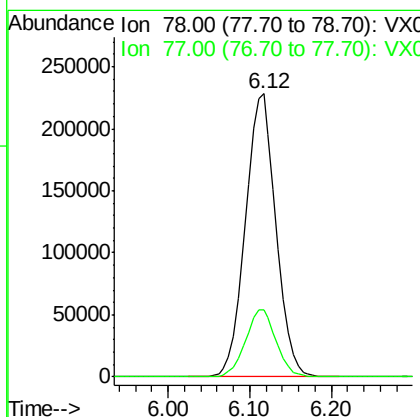
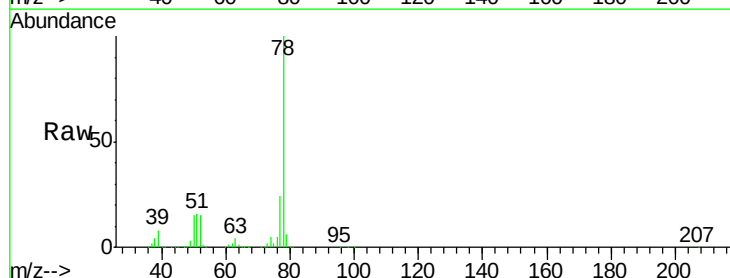
Manual Integrations
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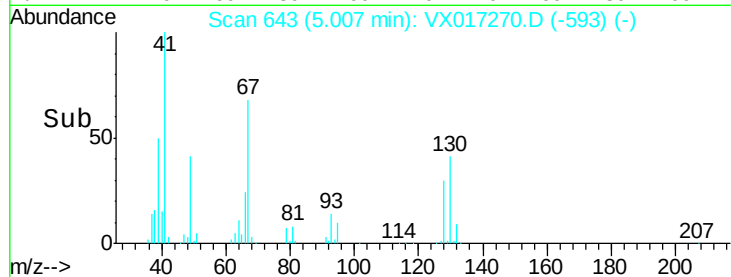
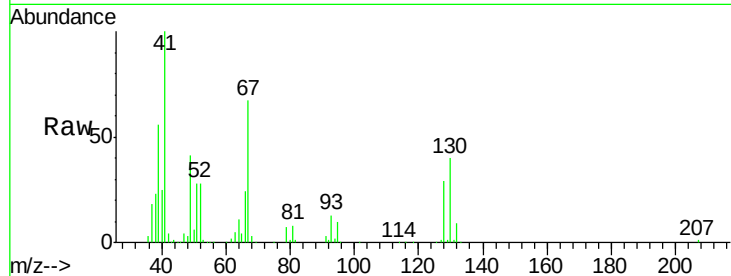
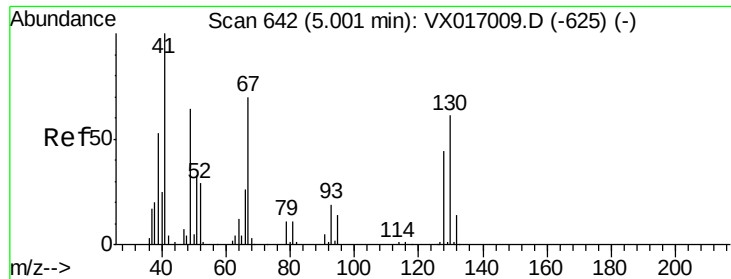
MMDadoda
7/9/2020 10:59:54 AM



#40
Benzene
Concen: 48.804 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	78	Resp	593310
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





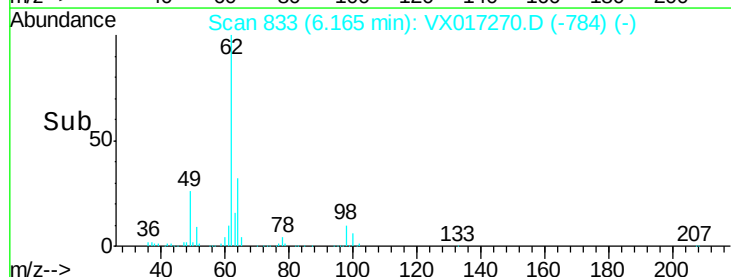
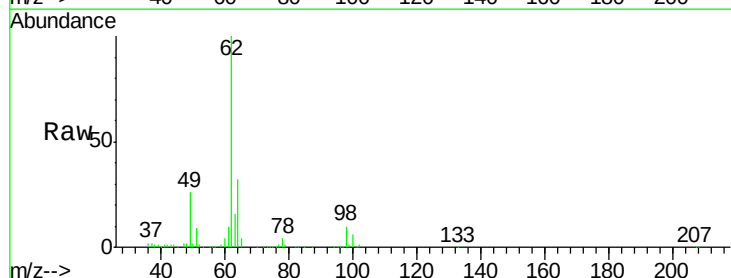
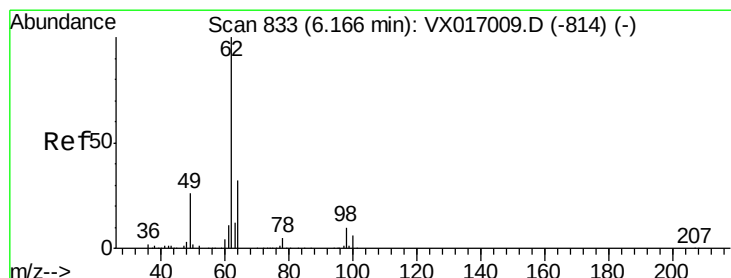
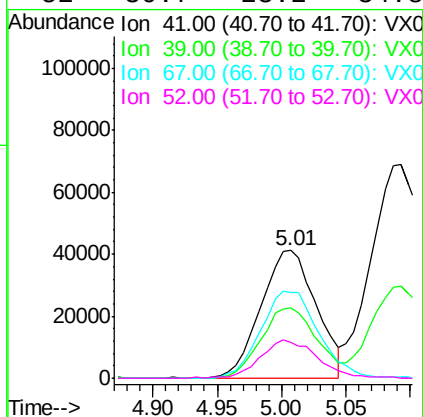
#41
Methacrylonitrile
Concen: 51.865 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		122546		
39	55.1	44.4	66.6		
67	71.8	57.1	85.7		
52	30.7	23.2	34.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

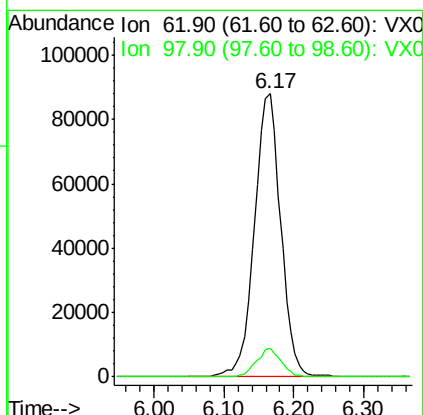
Manual Integrations
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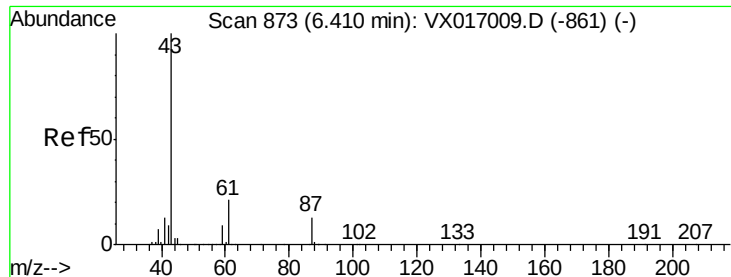
MMDadoda
7/9/2020 10:59:54 AM



#42
1,2-Dichloroethane
Concen: 52.629 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		231103		
98	9.5	0.0	19.2		





#43

Isopropyl Acetate

Concen: 52.068 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

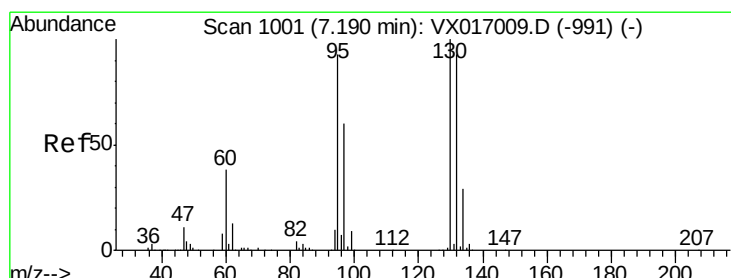
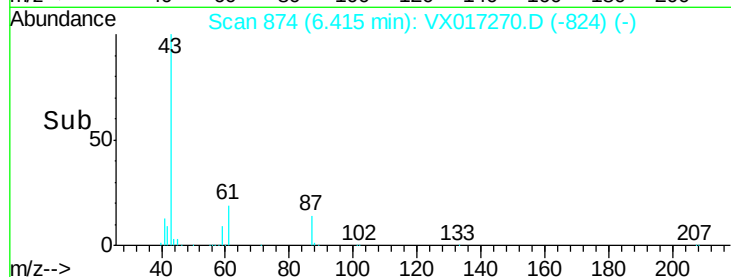
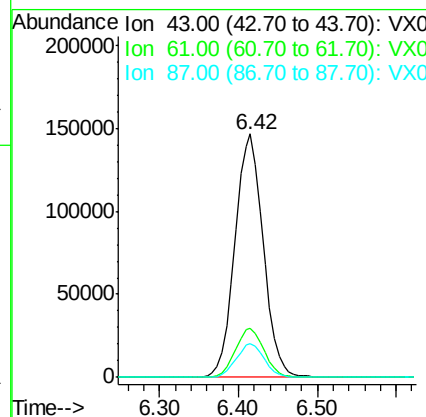
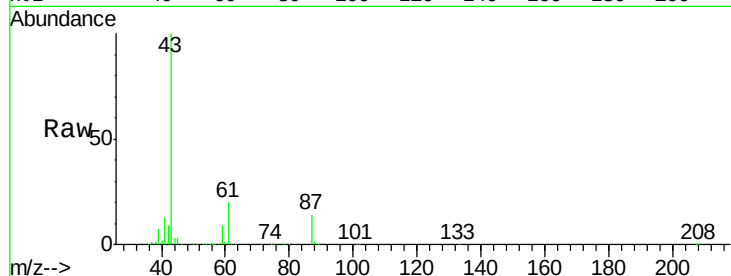
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	363227
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.2	24.2
87	14.0	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 52.989 ug/l

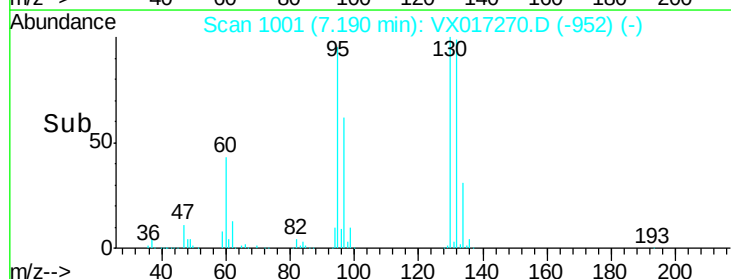
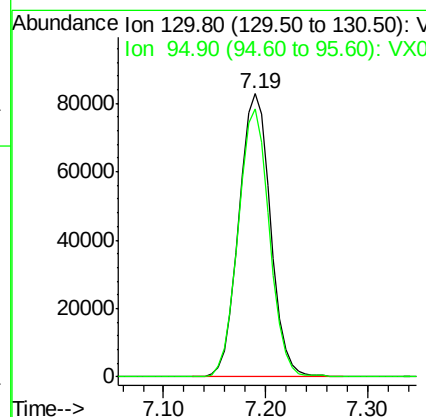
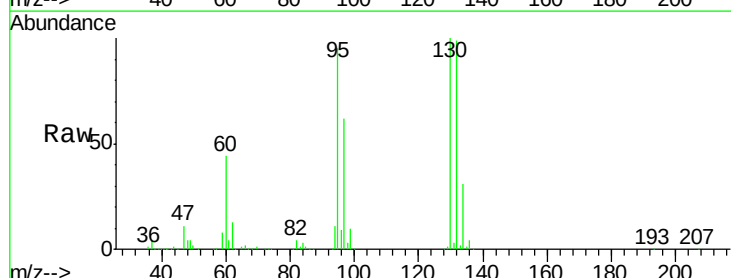
RT: 7.19 min Scan# 1001

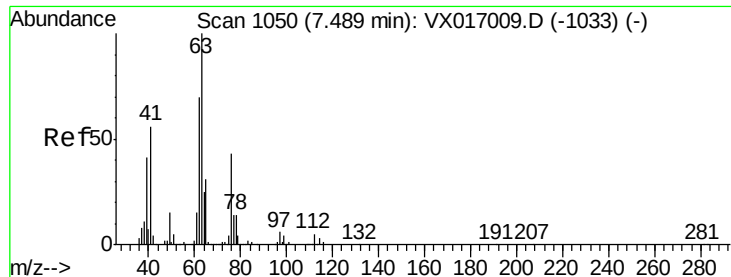
Delta R.T. 0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion:	130	Resp:	177700
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	185.0





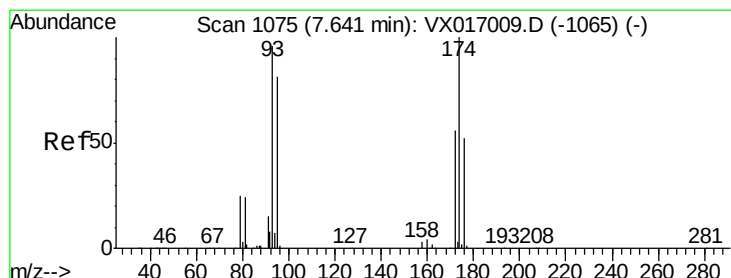
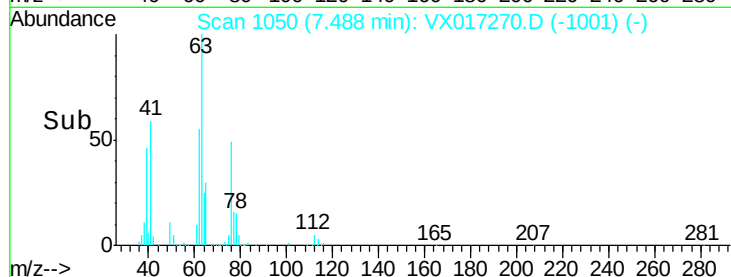
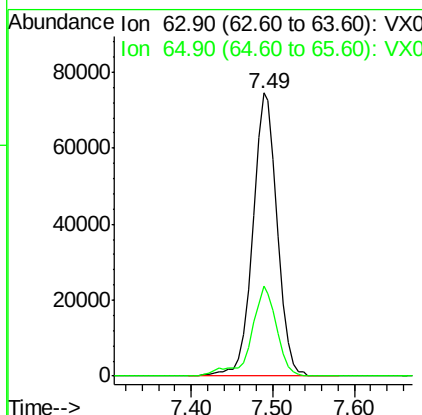
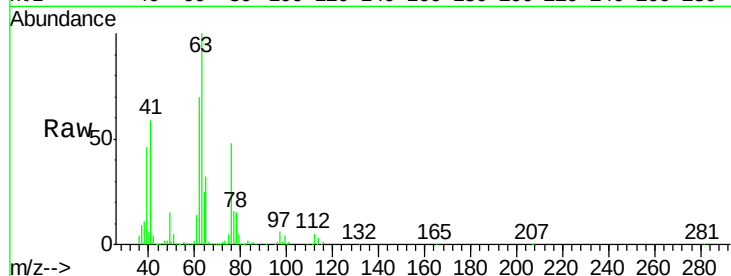
#45
 1,2-Dichloropropane
 Concen: 49.991 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.6	36.8

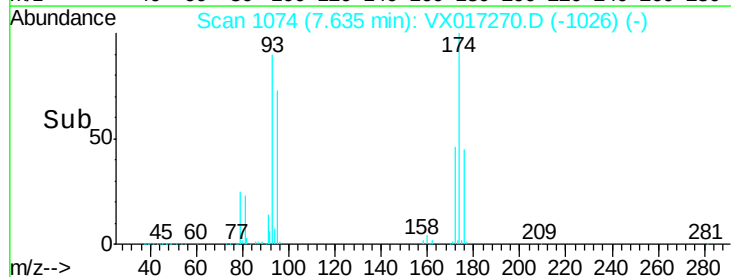
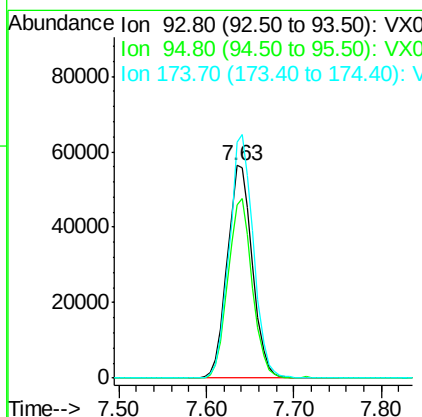
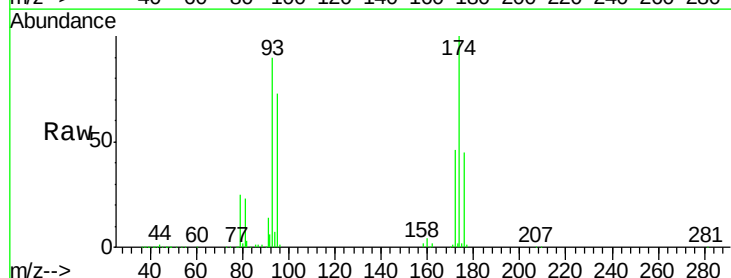
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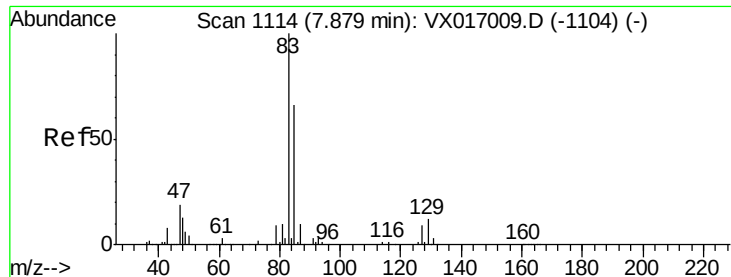
MMDadoda
 7/9/2020 10:59:54 AM



#46
 Dibromomethane
 Concen: 52.841 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	67.4	101.0
174	110.4	84.3	126.5





#47

Bromodichloromethane

Concen: 53.544 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

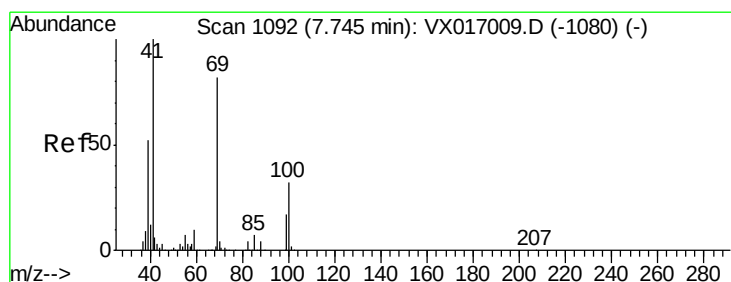
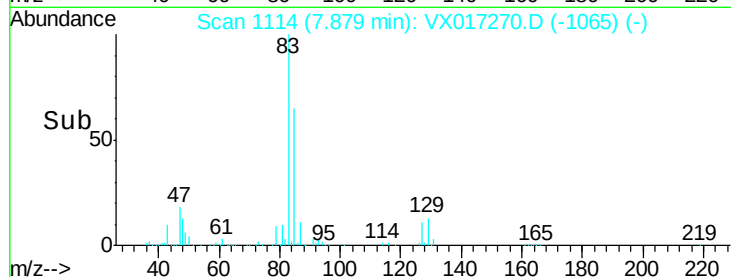
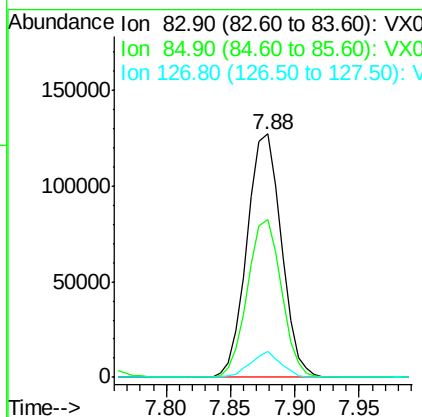
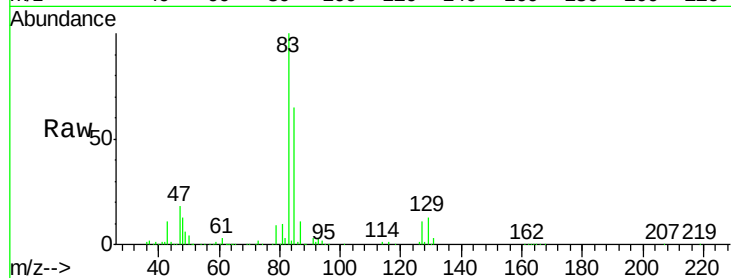
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	235228
Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.0	79.4
127	10.8	7.5	11.3

Manual Integrations
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7/9/2020 10:59:54 AM



#48

Methyl methacrylate

Concen: 54.691 ug/l

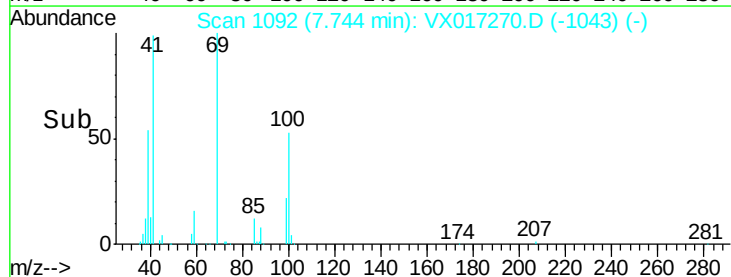
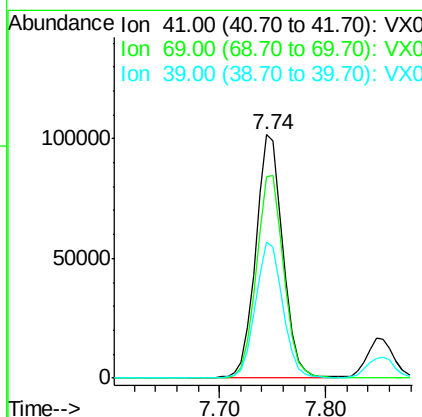
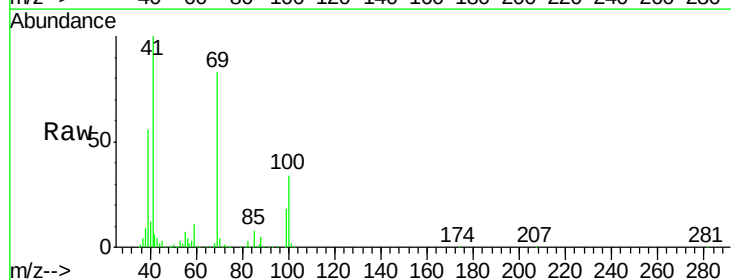
RT: 7.74 min Scan# 1092

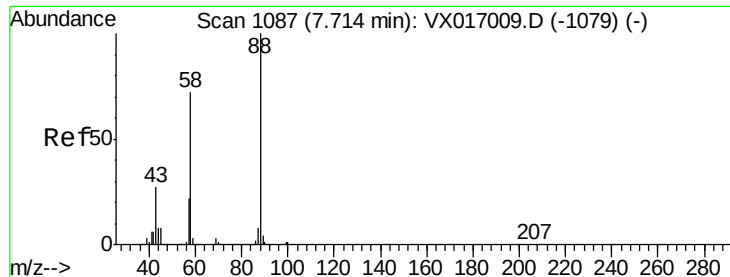
Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion:	41	Resp:	181260
Ion	Ratio	Lower	Upper
41	100		
69	84.4	65.8	98.8
39	56.2	42.5	63.7





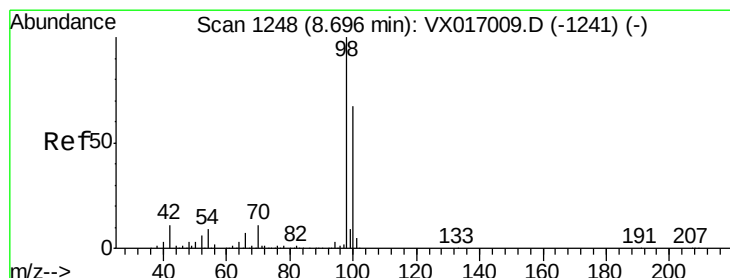
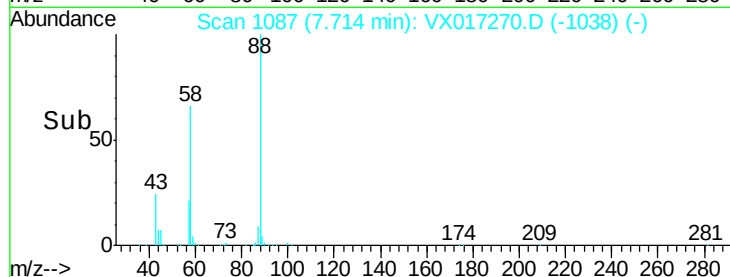
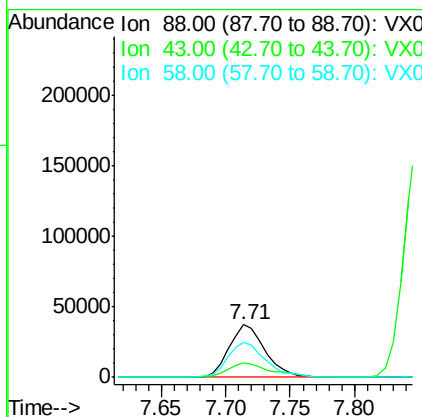
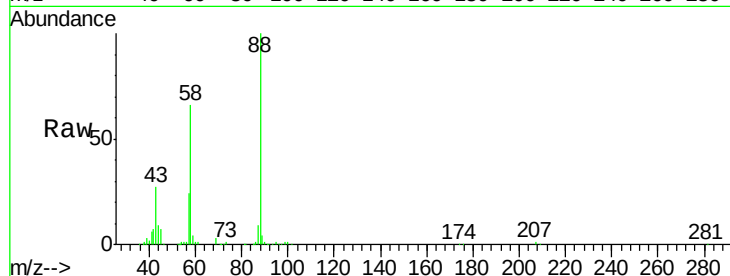
#49
1,4-Dioxane
Concen: 970.856 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.8
58	69.2	54.8	82.2

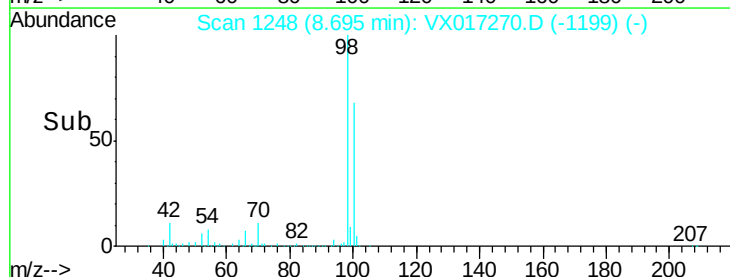
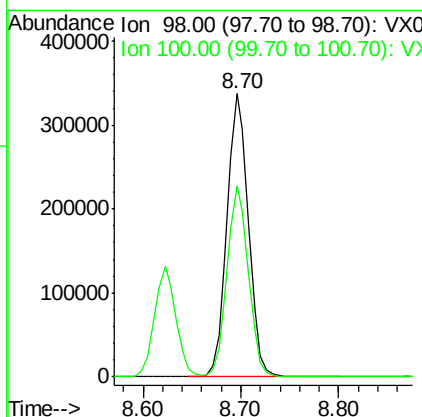
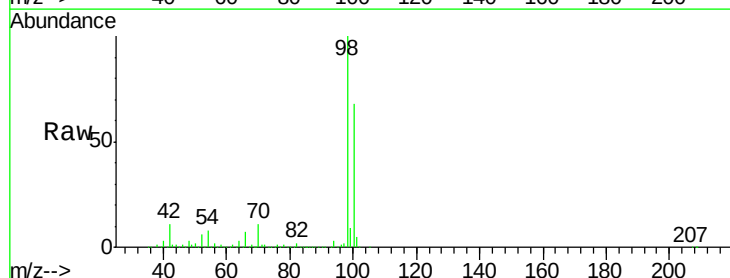
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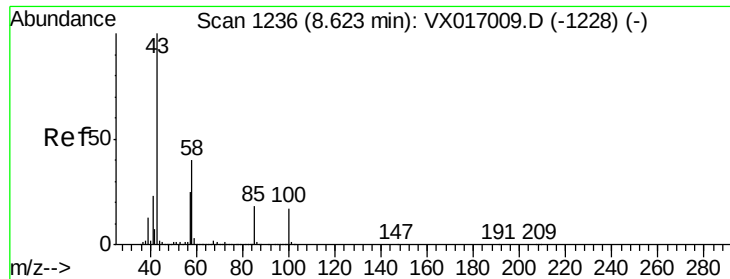
MMDadoda
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#50
Toluene-d8
Concen: 49.958 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





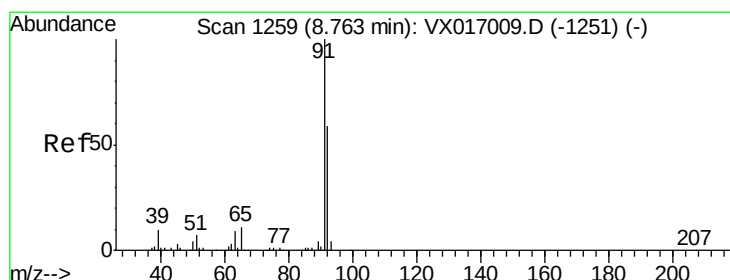
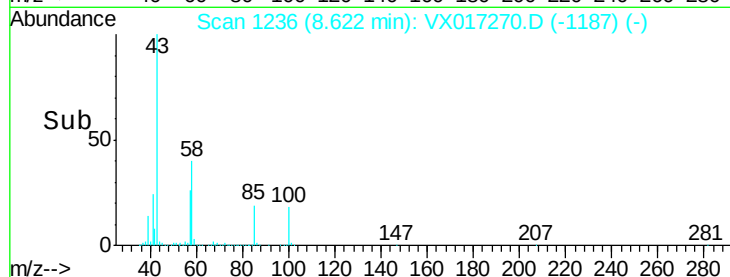
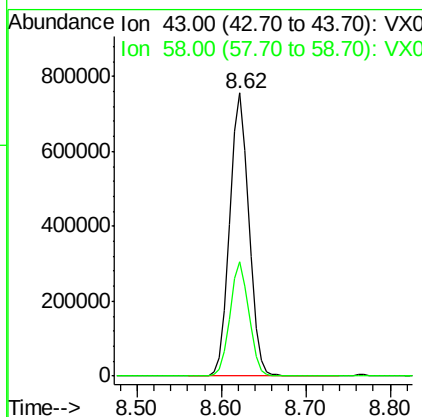
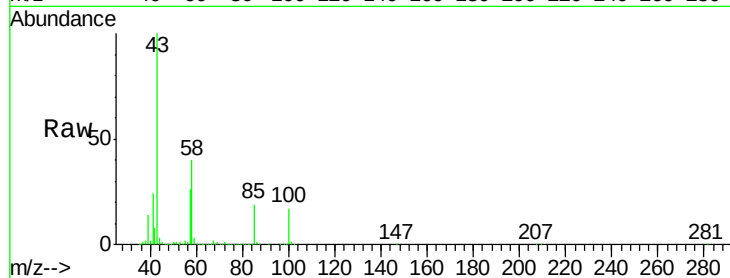
#51
 4-Methyl-2-Pentanone
 Concen: 280.034 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1164479
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.9 47.9

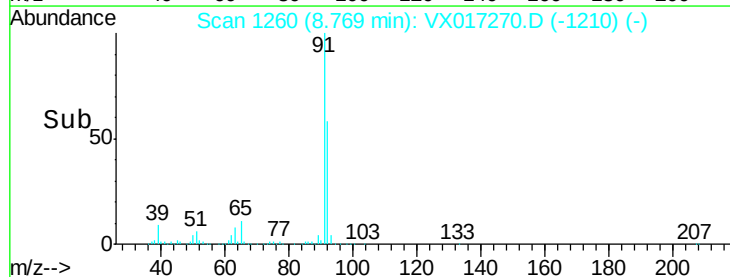
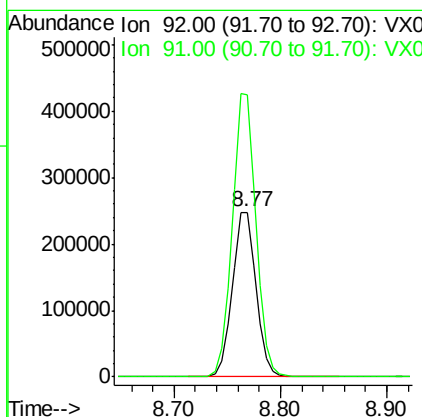
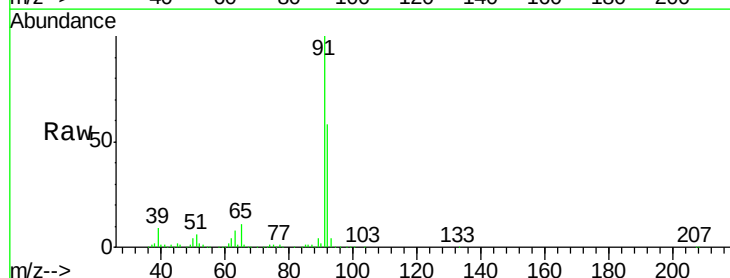
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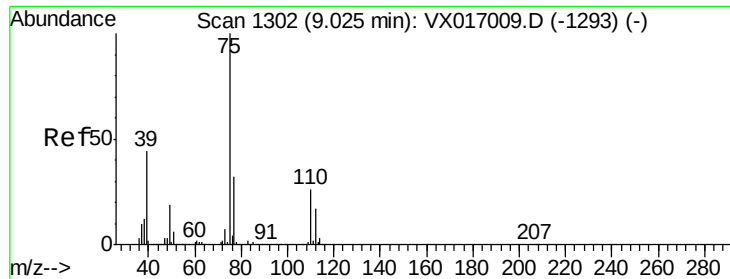
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#52
 Toluene
 Concen: 51.094 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion: 92 Resp: 387809
 Ion Ratio Lower Upper
 92 100
 91 171.4 136.9 205.3





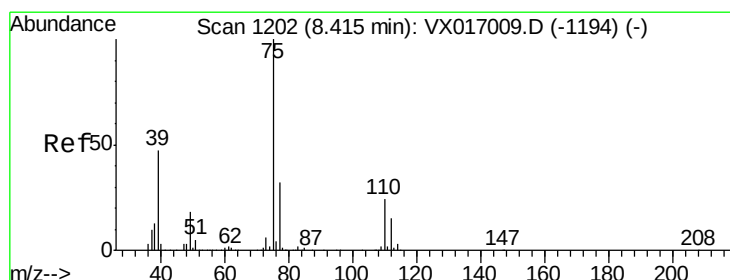
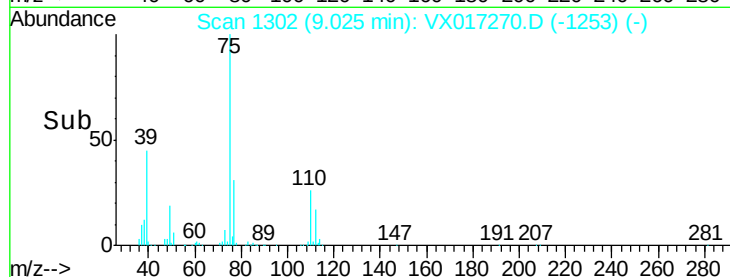
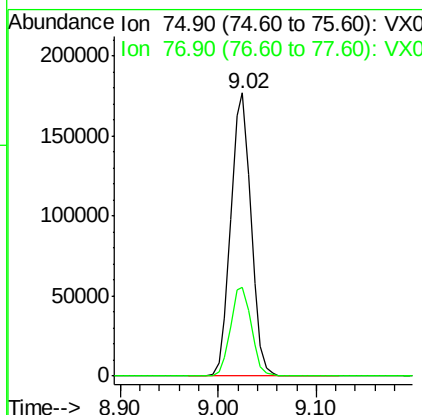
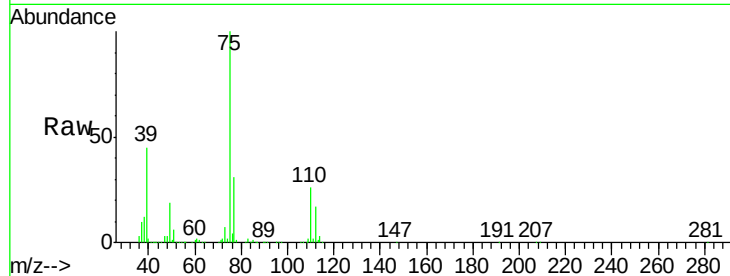
#53
t-1,3-Dichloropropene
Concen: 52.558 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4

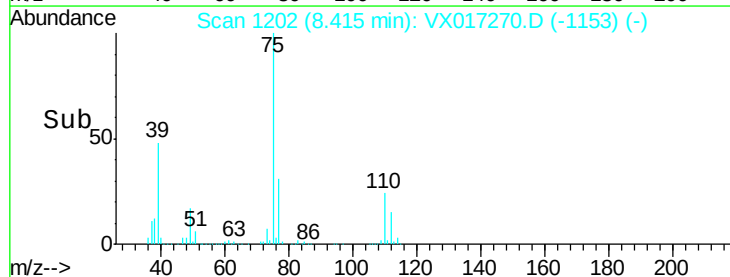
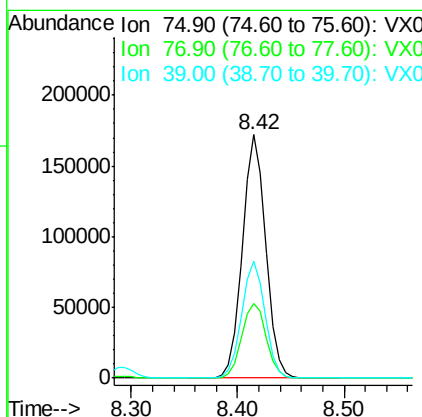
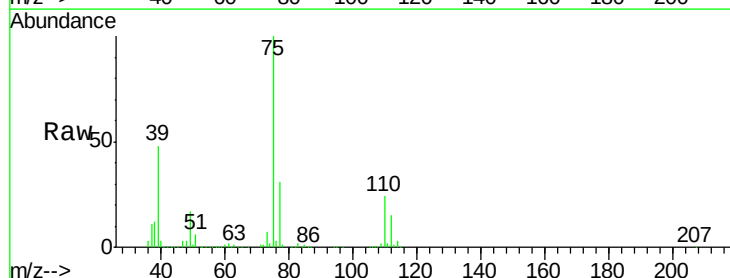
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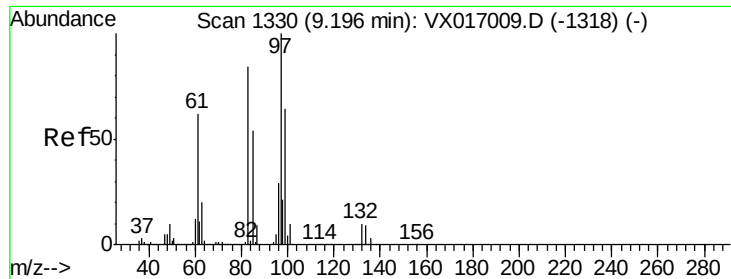
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.088 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.2	37.8
39	48.1	37.4	56.2





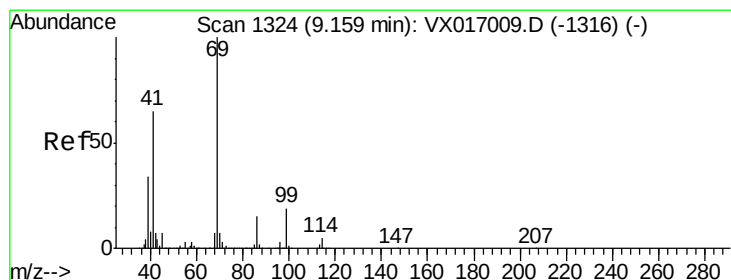
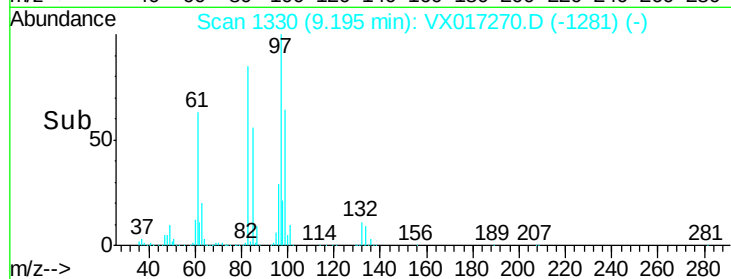
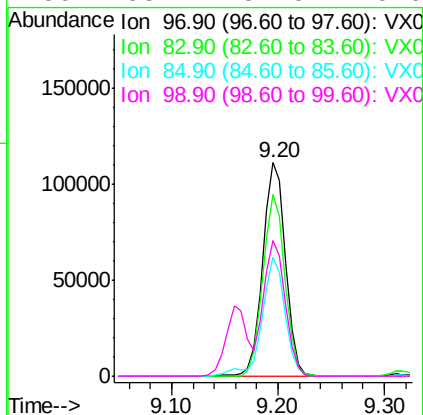
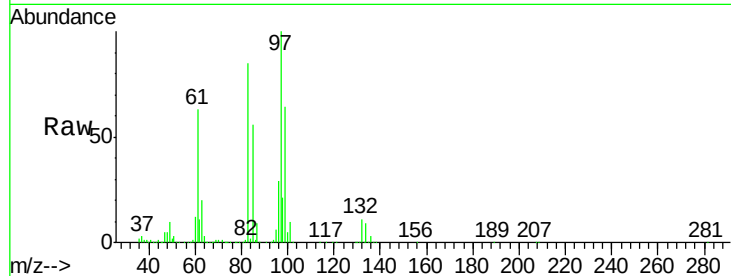
#55
 1,1,2-Trichloroethane
 Concen: 53.946 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		167293		
83	84.9	67.0	100.6		
85	56.0	43.5	65.3		
99	63.7	51.0	76.6		

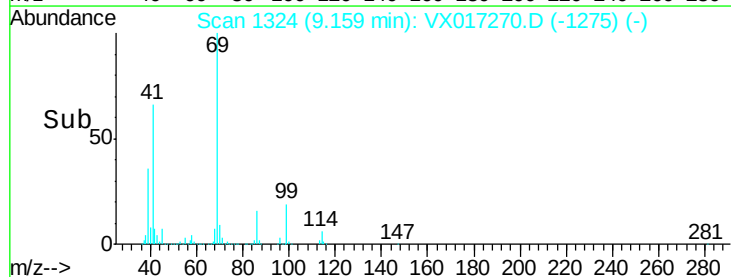
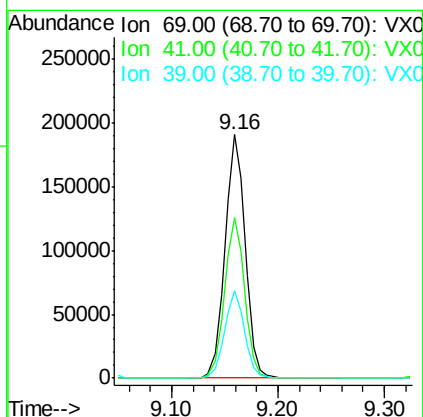
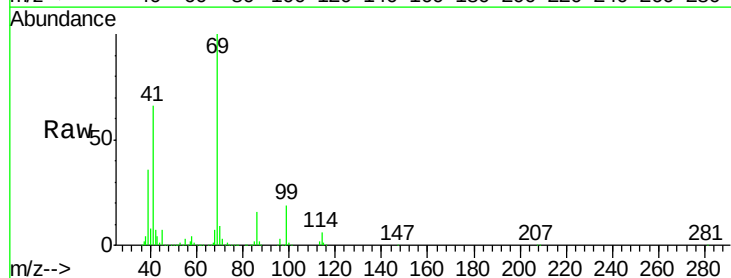
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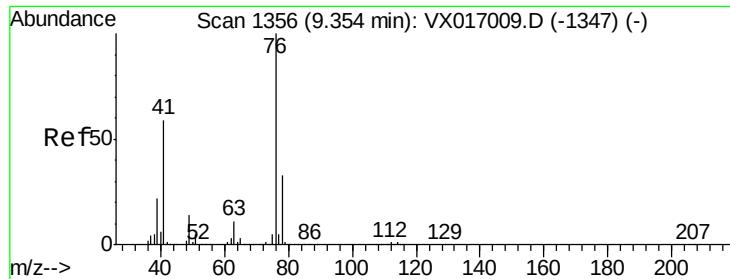
MMDadoda
 7/9/2020 10:59:54 AM



#56
 Ethyl methacrylate
 Concen: 57.542 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		253987		
41	65.2	53.6	80.4		
39	35.8	28.2	42.2		





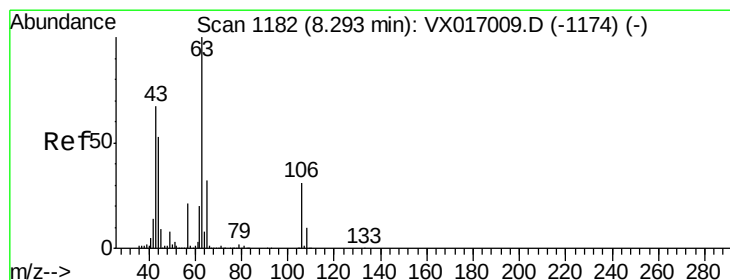
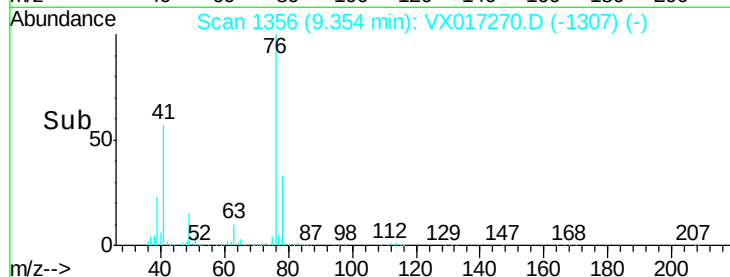
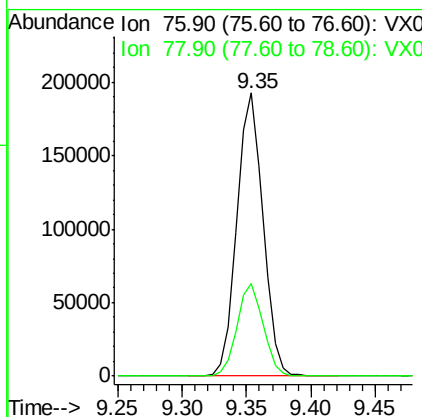
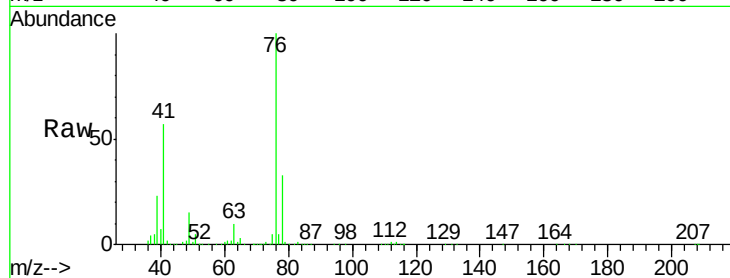
#57
 1,3-Dichloropropane
 Concen: 51.748 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

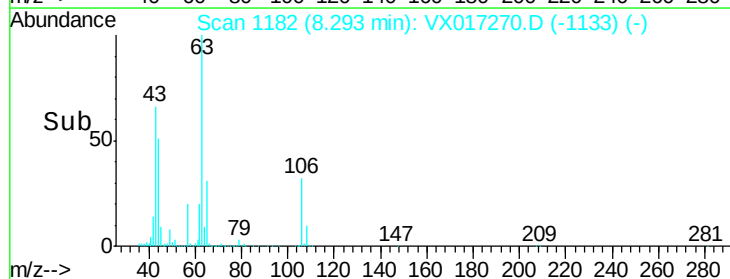
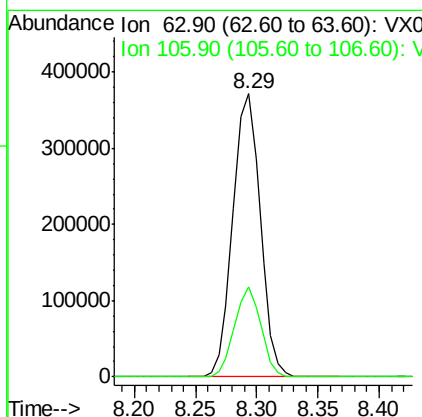
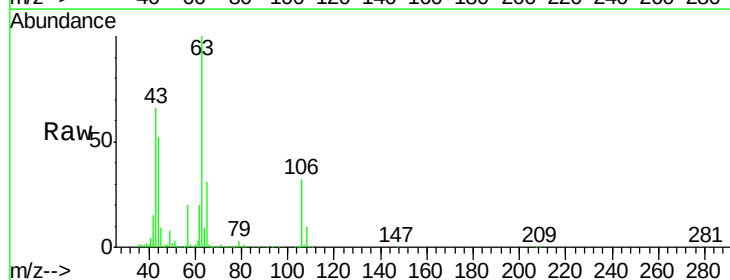
Manual Integrations
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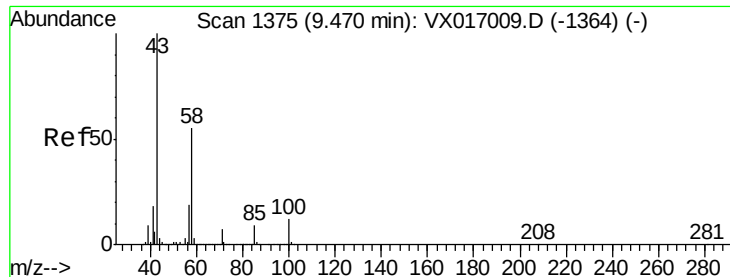
MMDadoda
 7/9/2020 10:59:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.461 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.0	36.0





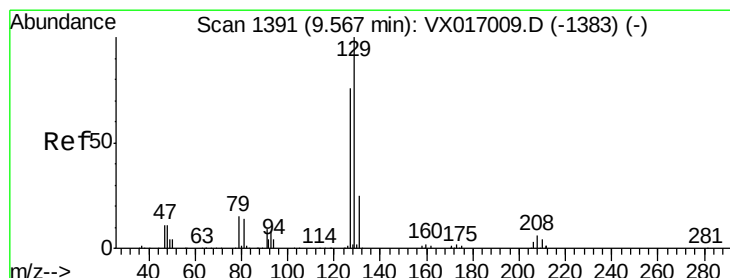
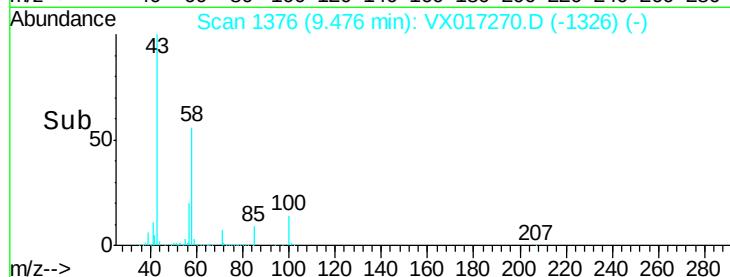
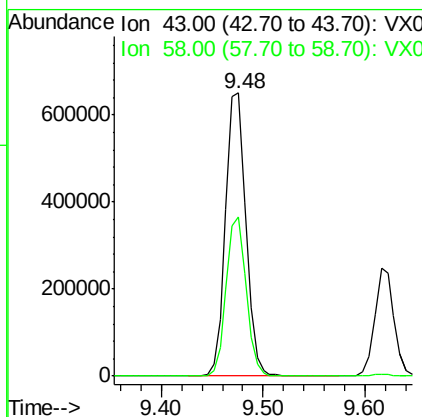
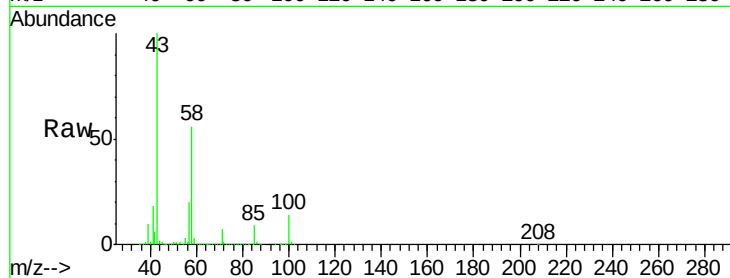
#59
2-Hexanone
Concen: 296.222 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.9	83.6

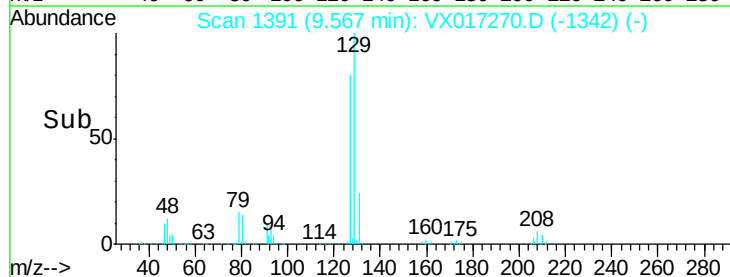
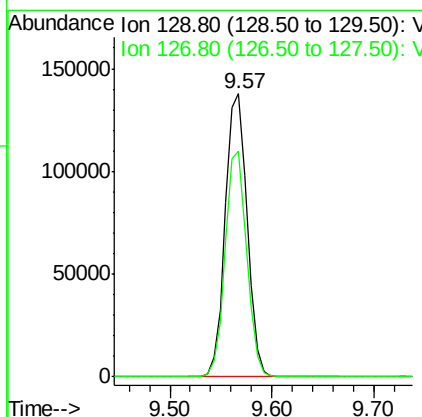
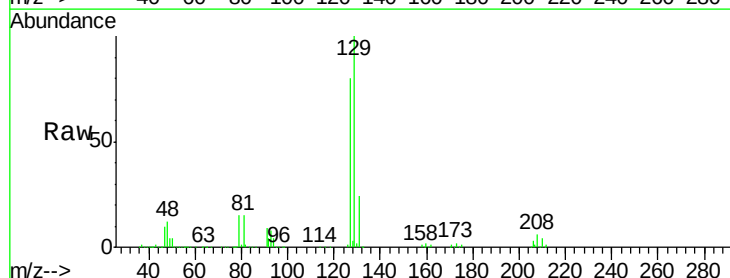
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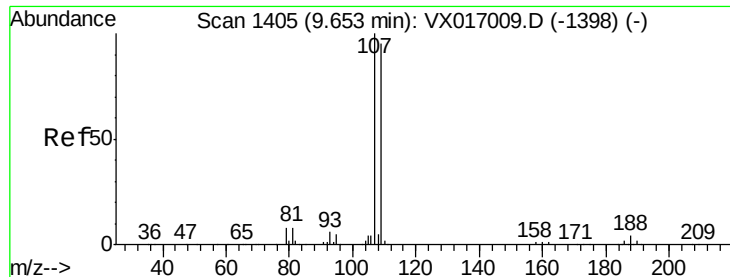
MMDadoda
7/9/2020 10:59:54 AM



#60
Dibromochloromethane
Concen: 56.696 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.9	116.7





#61

1,2-Dibromoethane

Concen: 53.428 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 178094

Ion Ratio Lower Upper

107 100

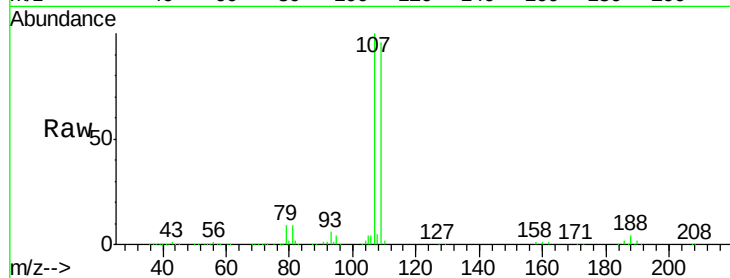
109 96.0 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

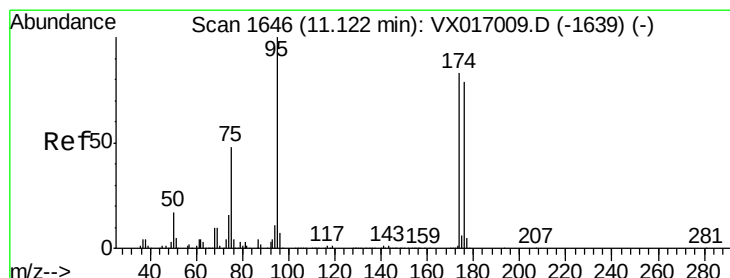
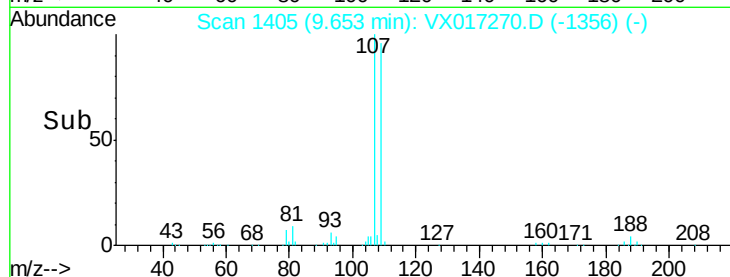
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.653 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

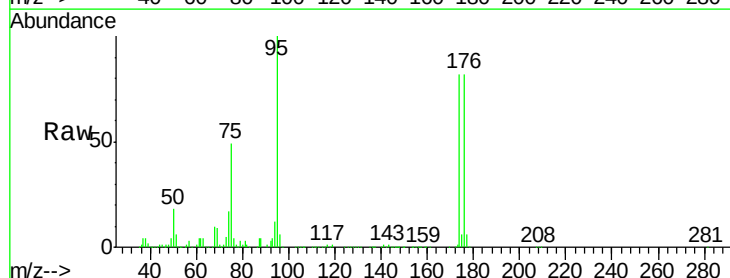
Tgt Ion: 95 Resp: 214776

Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

176 81.9 0.0 157.6



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

200000

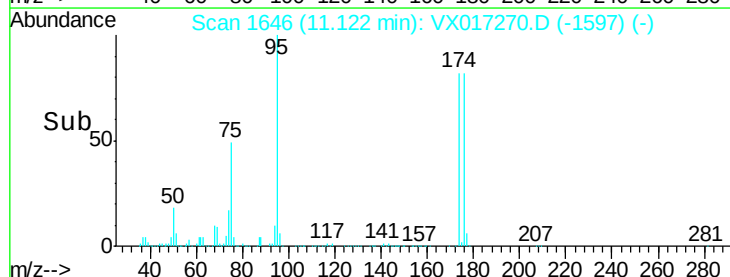
150000

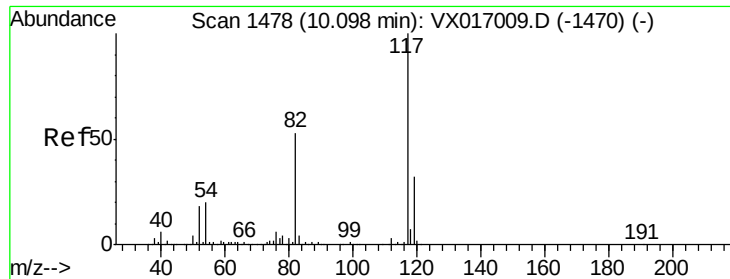
100000

50000

0

Time-->





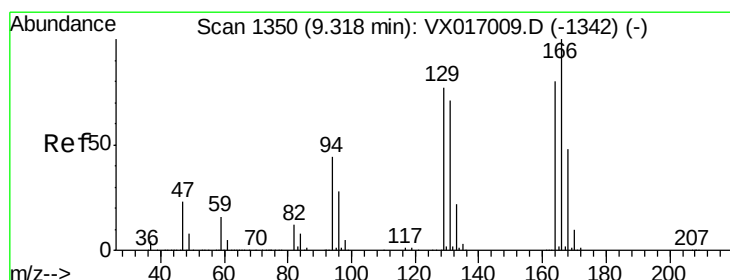
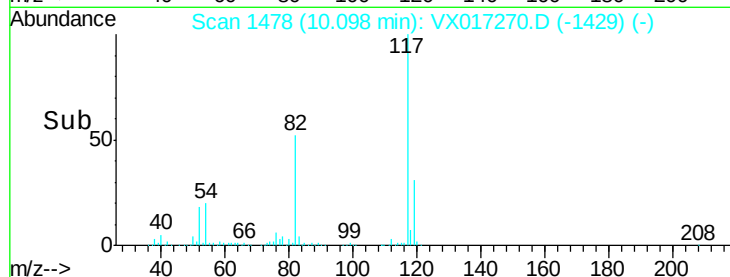
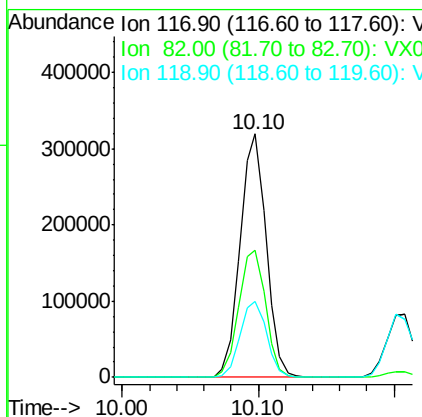
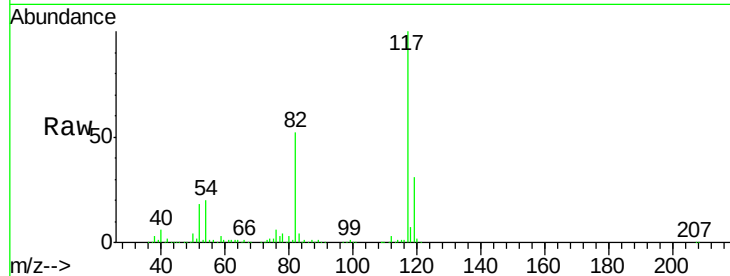
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	63.8
119	31.0	25.4	38.2

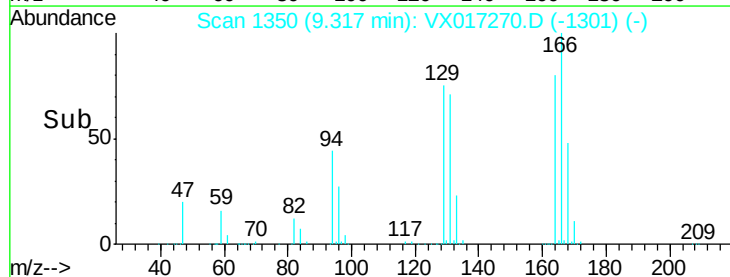
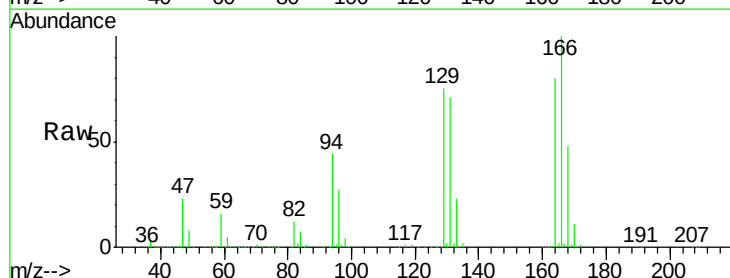
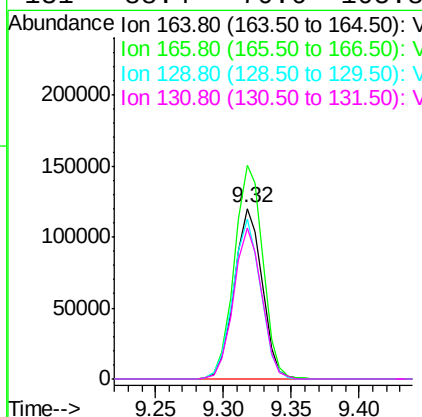
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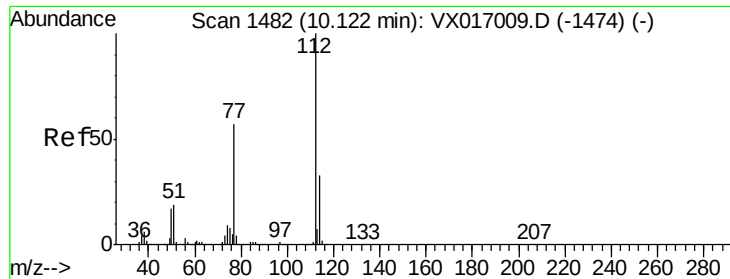
MMDadoda
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#64
Tetrachloroethene
Concen: 49.840 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	99.4	149.0
129	93.7	76.3	114.5
131	88.4	70.6	105.8





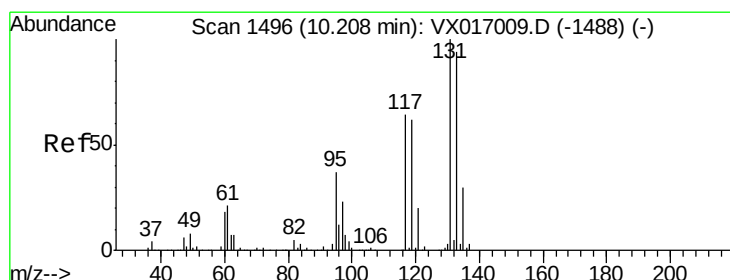
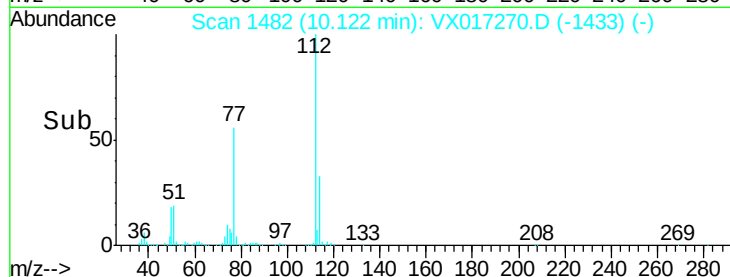
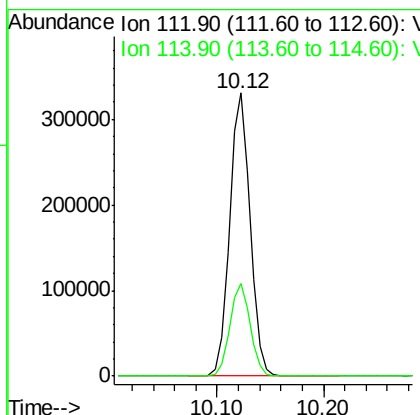
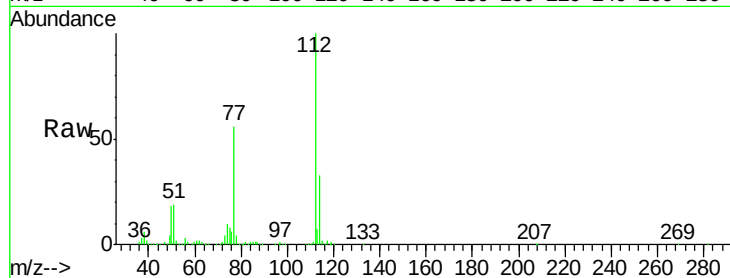
#65
Chlorobenzene
Concen: 50.440 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 444193
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4

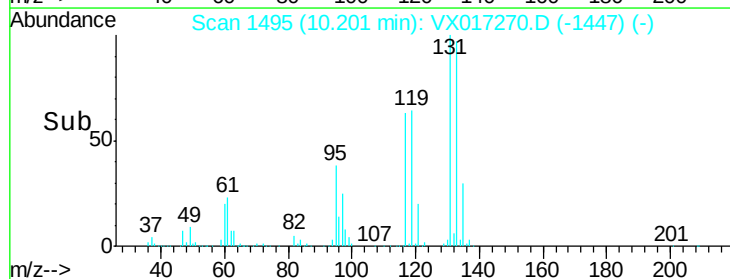
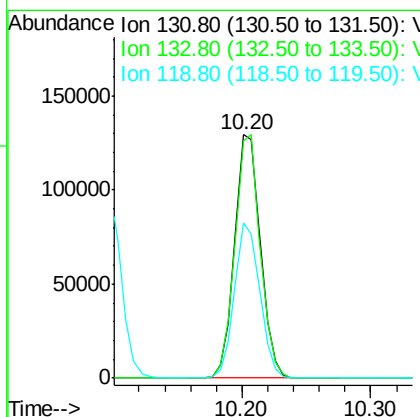
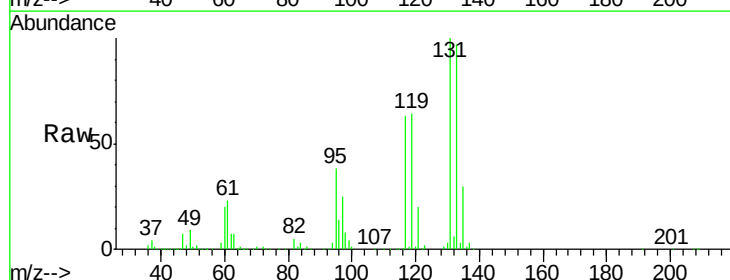
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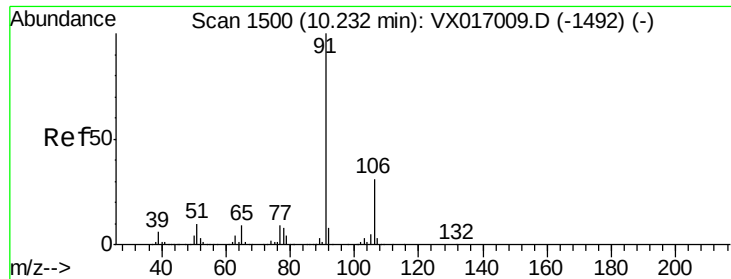
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.285 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion:131 Resp: 180840
Ion Ratio Lower Upper
131 100
133 98.4 47.3 141.9
119 62.9 31.9 95.5





#67

Ethyl Benzene

Concen: 52.236 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 768210

Ion Ratio Lower Upper

91 100

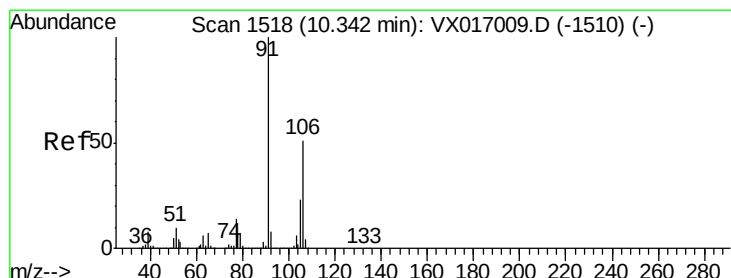
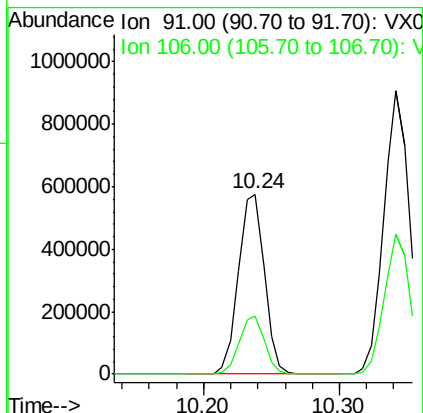
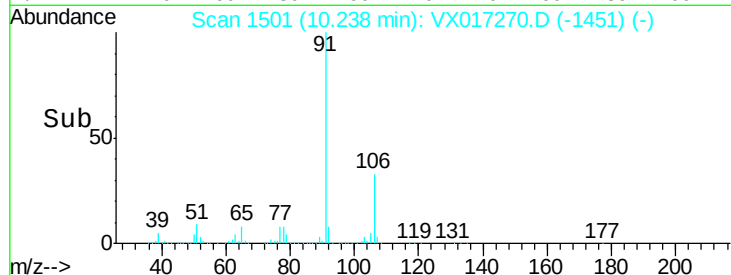
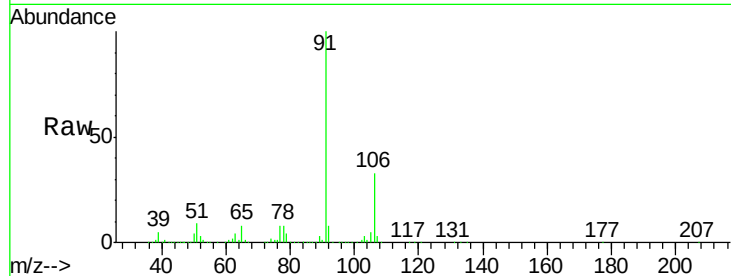
106 32.6 24.7 37.1

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#68

m/p-Xylenes

Concen: 104.475 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017270.D

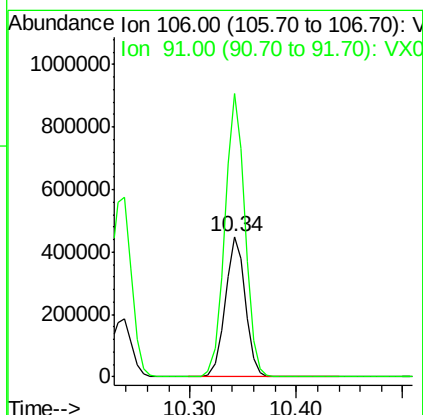
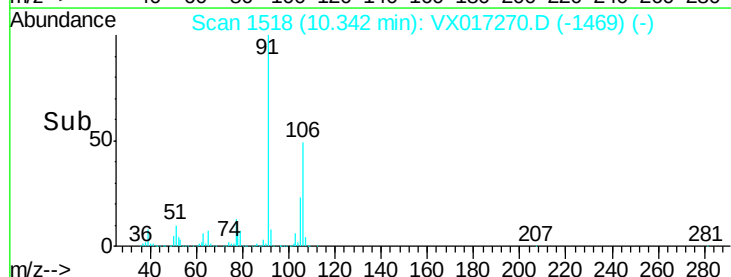
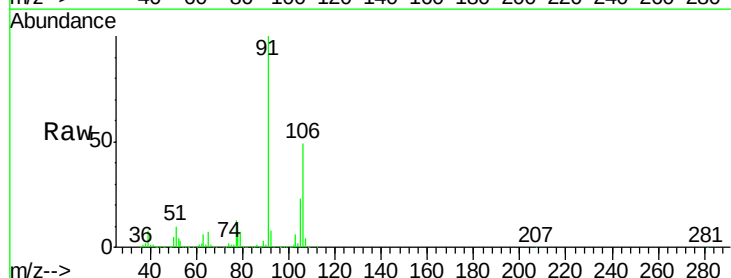
Acq: 08 Jul 2020 20:46

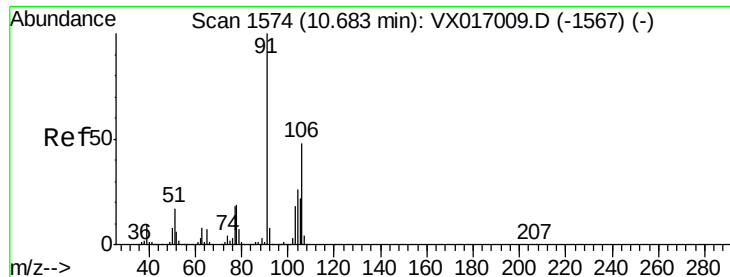
Tgt Ion: 106 Resp: 589959

Ion Ratio Lower Upper

106 100

91 202.5 158.6 238.0





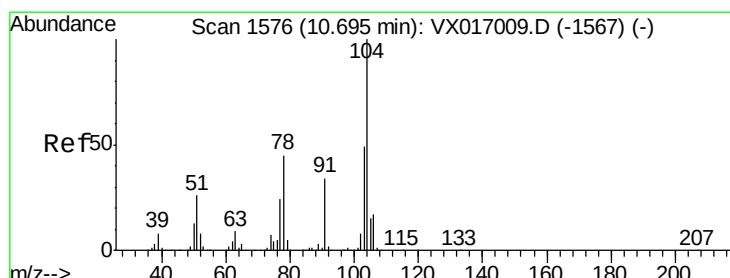
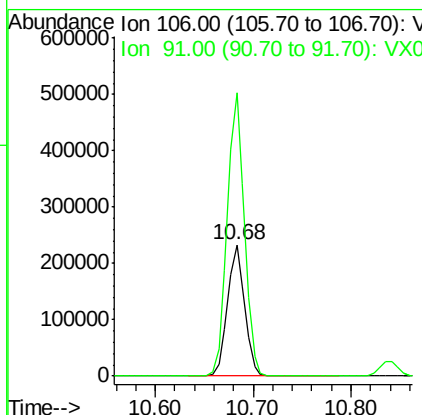
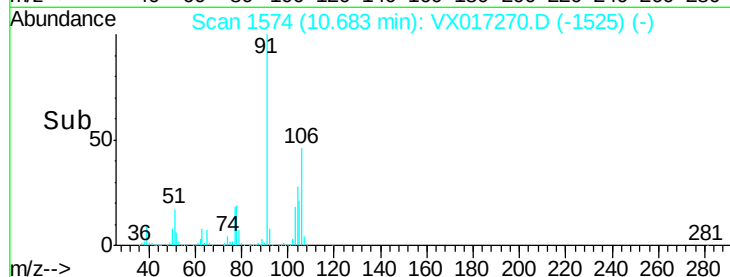
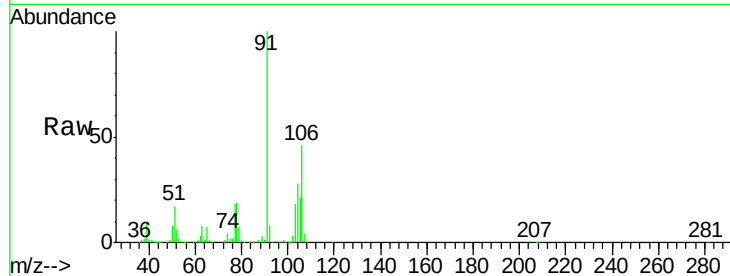
#69
o-Xylene
Concen: 52.476 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	217.8	105.6	316.7		

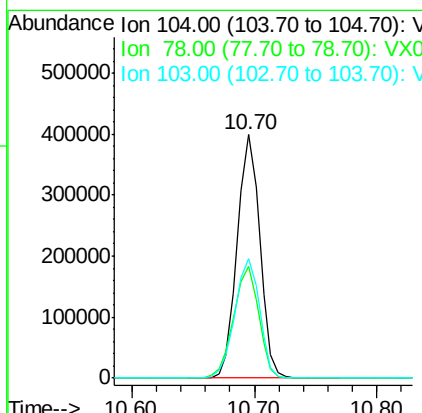
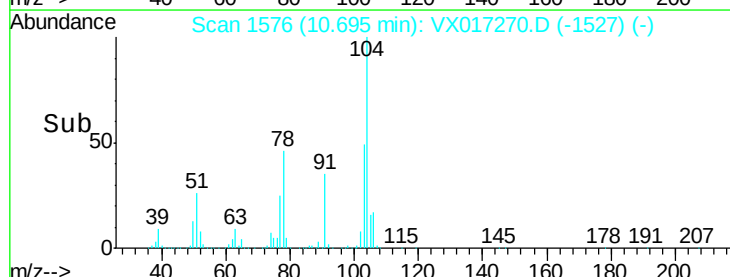
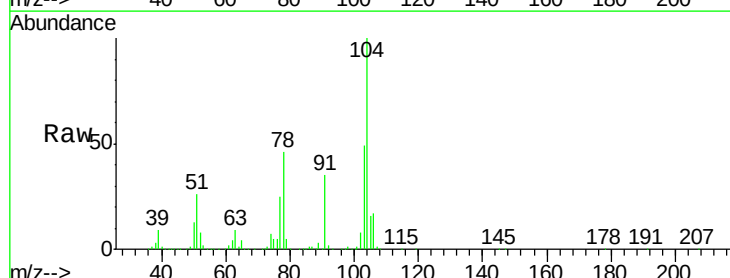
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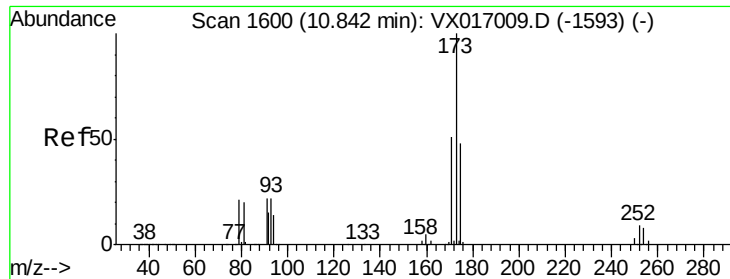
MMDadoda
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#70
Styrene
Concen: 55.622 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	51.0	39.5	59.3		
103	53.7	43.0	64.6		





#71

Bromoform

Concen: 59.795 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 160926

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

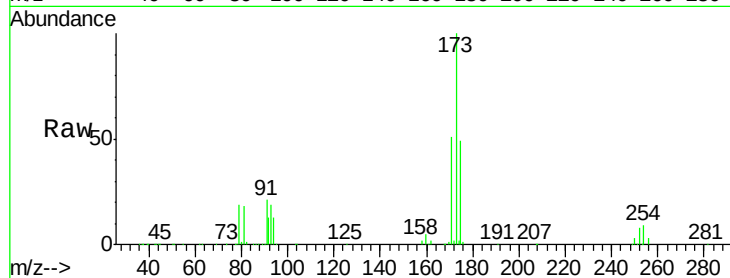
254 0.1 0.1 0.1

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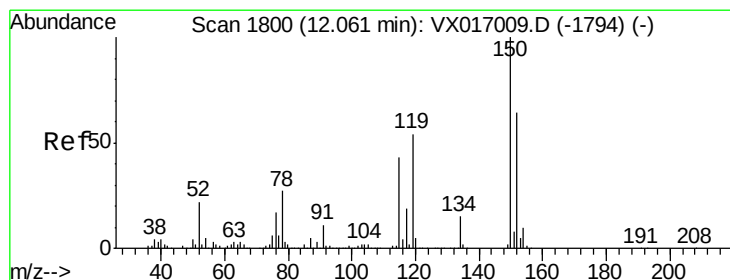
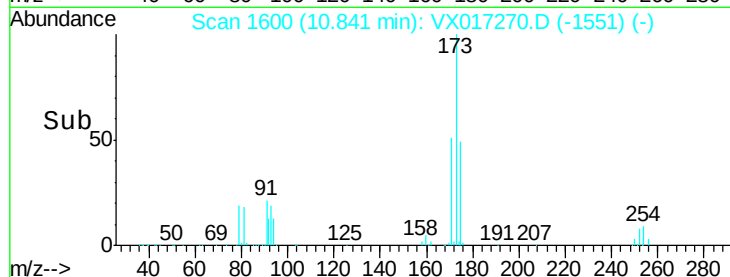
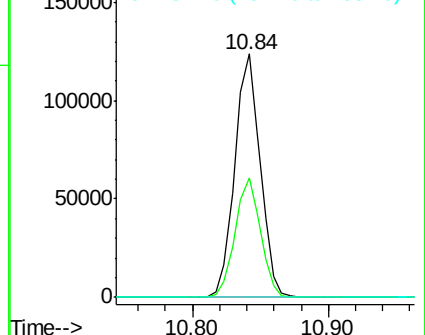
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX017270.D

Acq: 08 Jul 2020 20:46

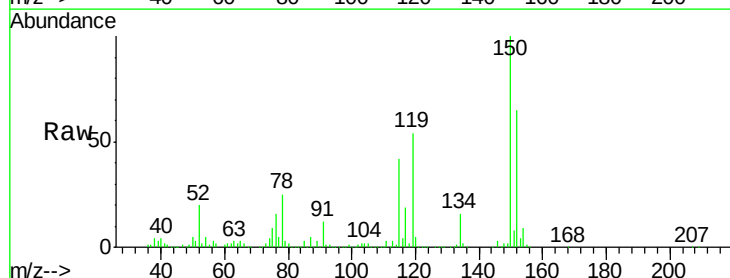
Tgt Ion:152 Resp: 234409

Ion Ratio Lower Upper

152 100

115 80.9 40.9 122.7

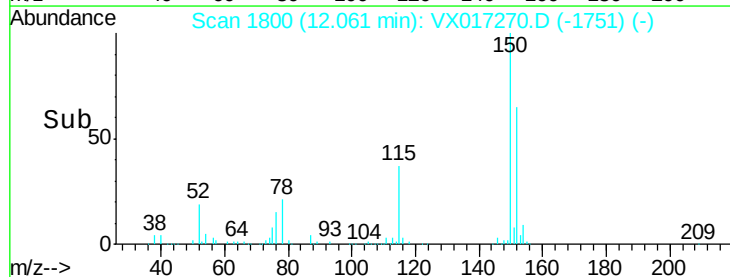
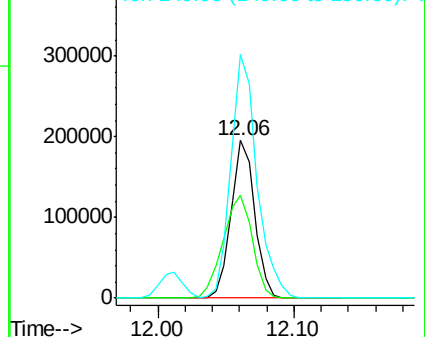
150 171.9 0.0 351.6

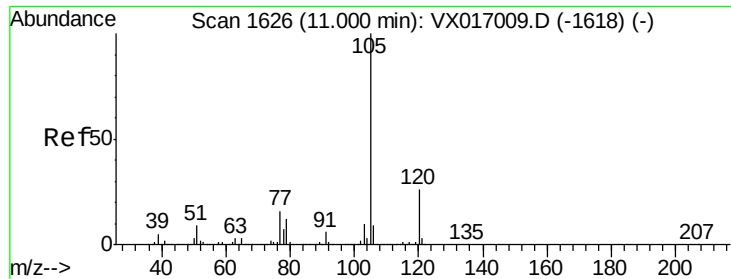


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.471 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 790291

Ion Ratio Lower Upper

105 100

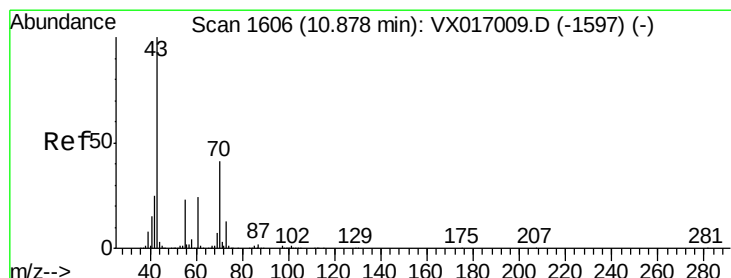
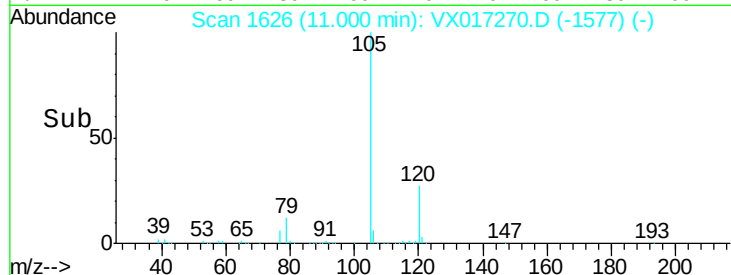
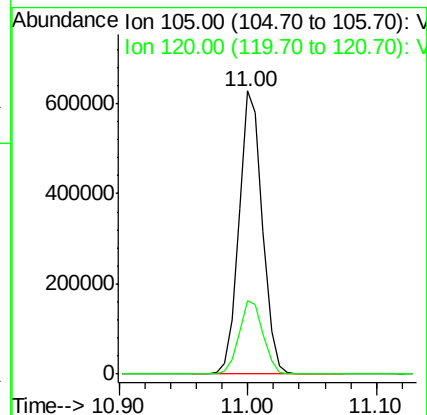
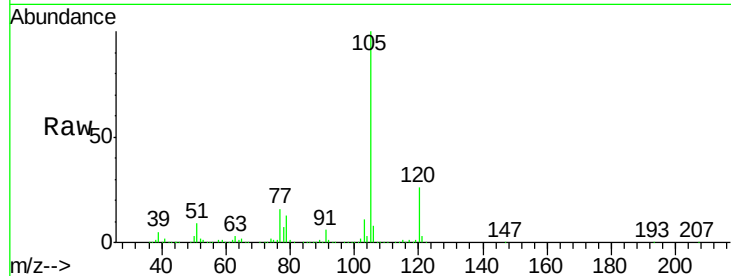
120 26.6 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.645 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion: 43 Resp: 338347

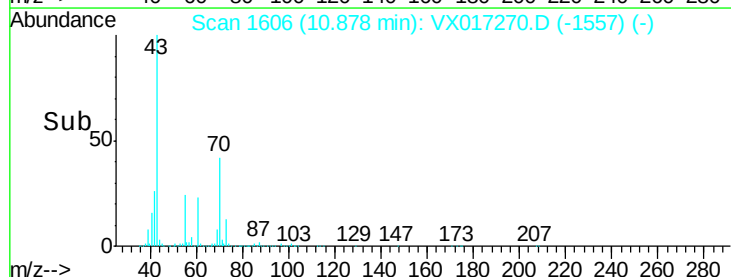
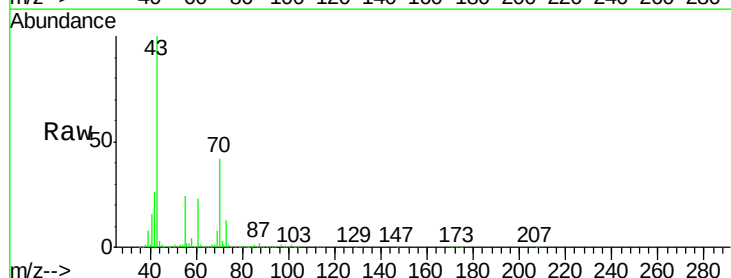
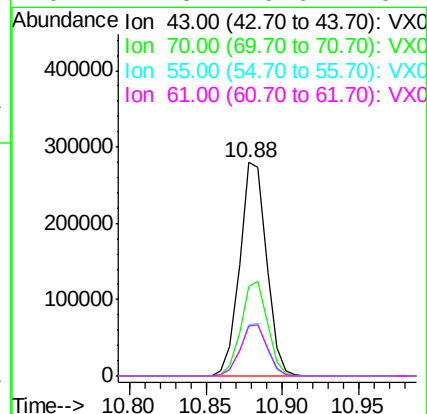
Ion Ratio Lower Upper

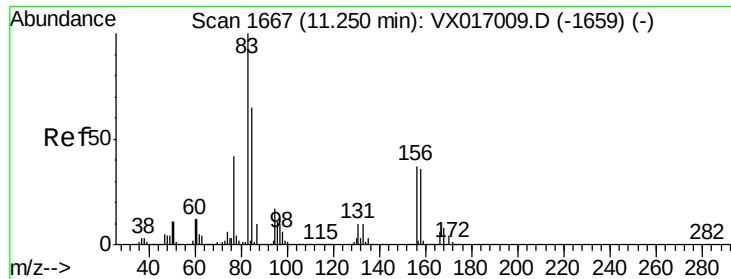
43 100

70 44.1 34.2 51.2

55 24.6 19.2 28.8

61 24.3 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.107 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

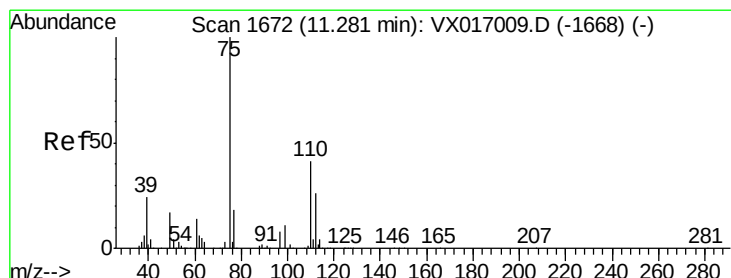
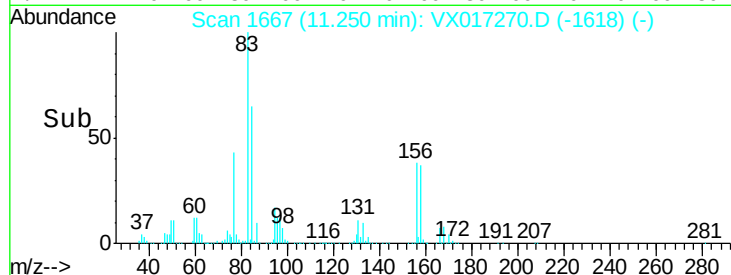
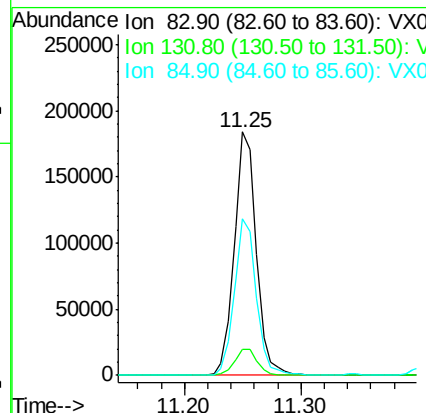
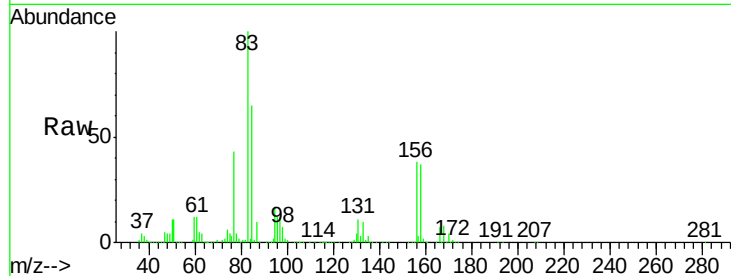
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	242005
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.120 ug/l m

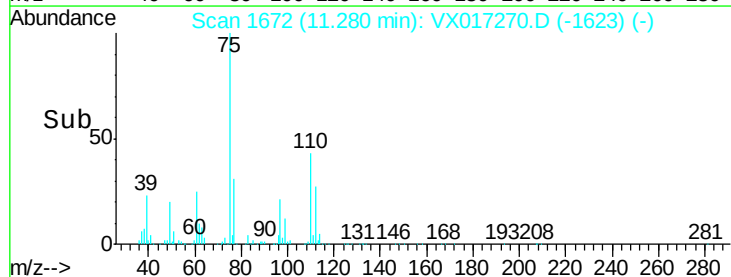
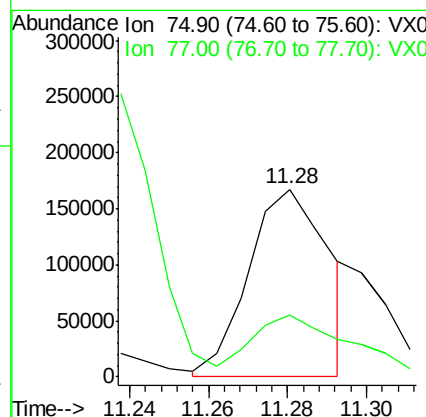
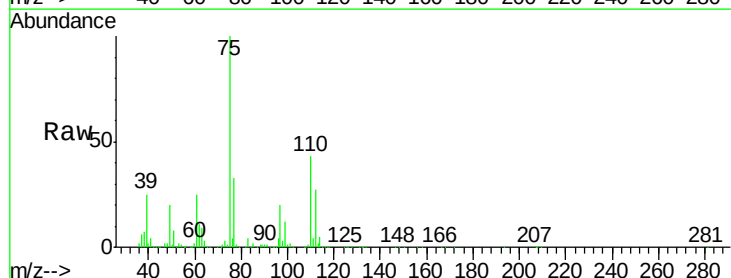
RT: 11.28 min Scan# 1672

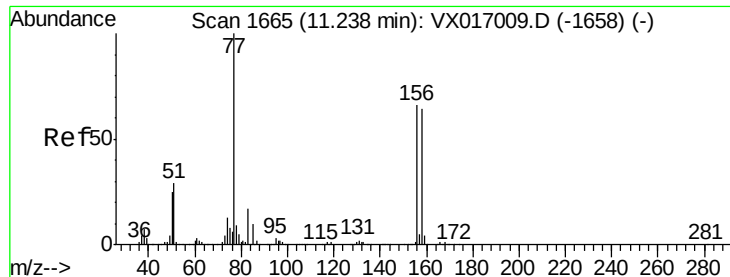
Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion:	75	Resp:	235639
Ion Ratio	Lower	Upper	
75	100		
77	40.9	20.2	60.6





#77

Bromobenzene

Concen: 50.708 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

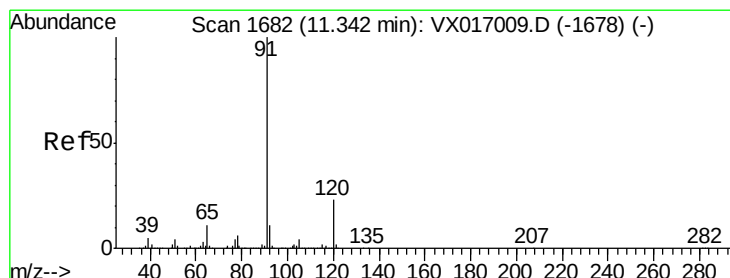
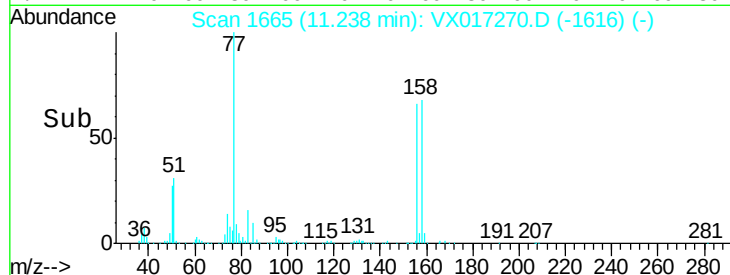
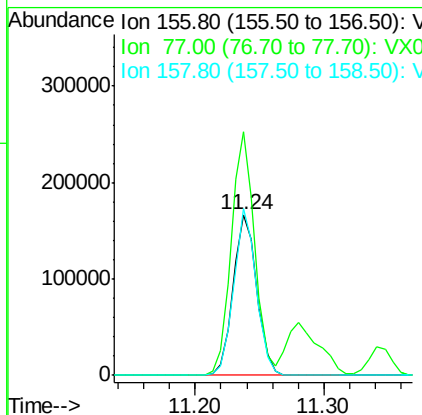
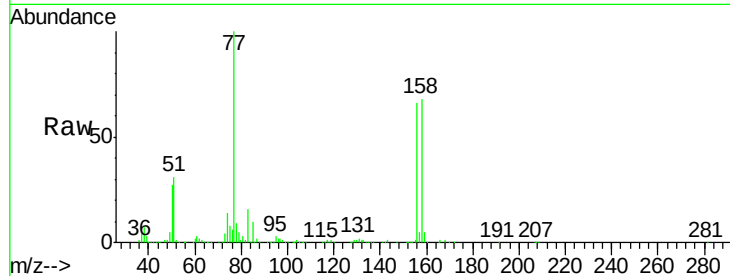
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	213982
Ion Ratio	Lower	Upper	
156	100		
77	150.0	76.9	230.7
158	98.2	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.314 ug/l

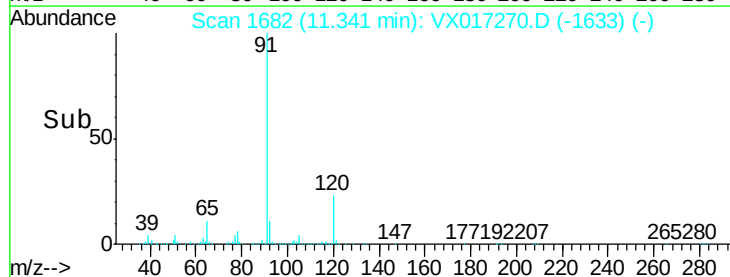
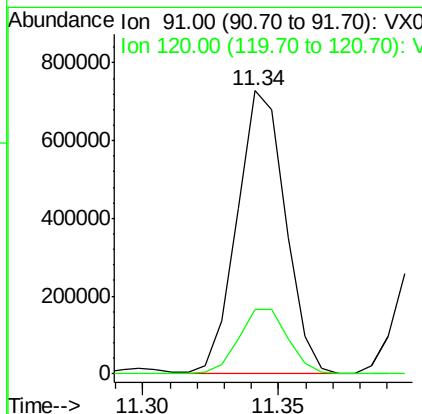
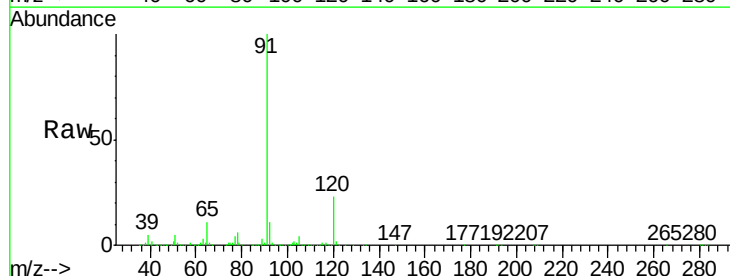
RT: 11.34 min Scan# 1682

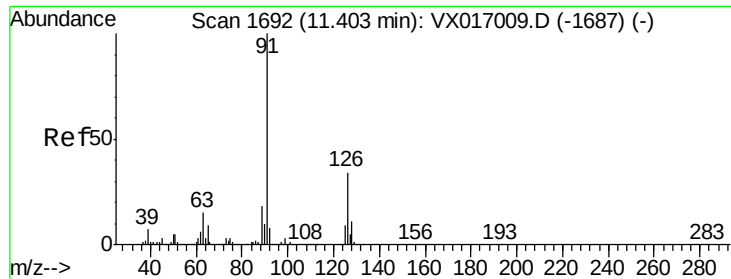
Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion:	91	Resp:	890949
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





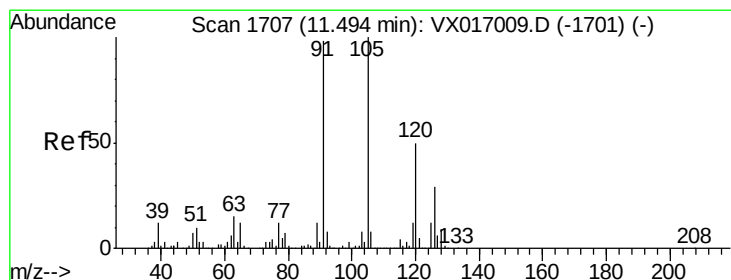
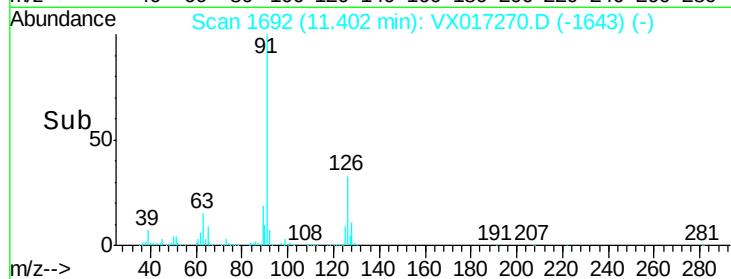
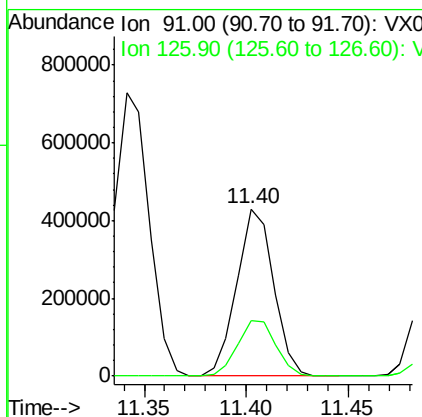
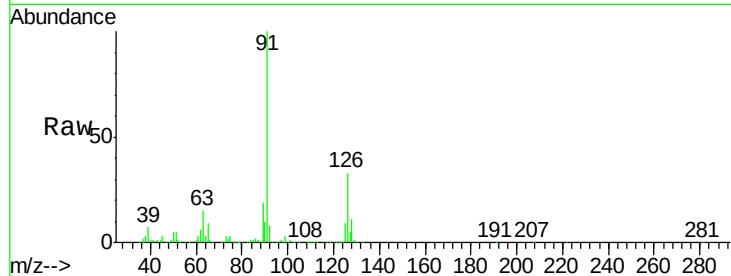
#79
 2-Chlorotoluene
 Concen: 51.238 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		538421		
126	35.1	17.4	52.3		

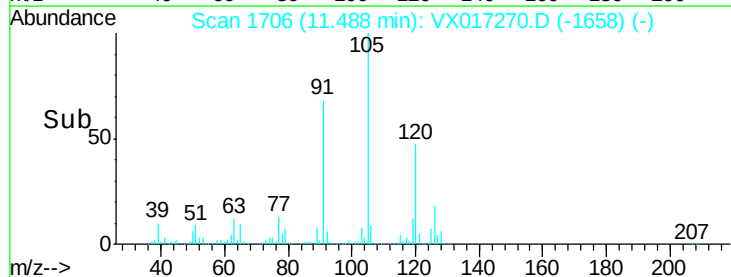
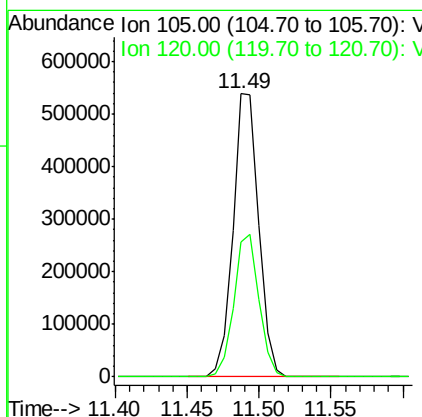
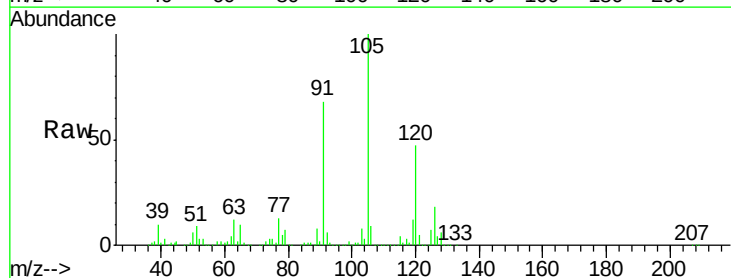
Manual Integrations
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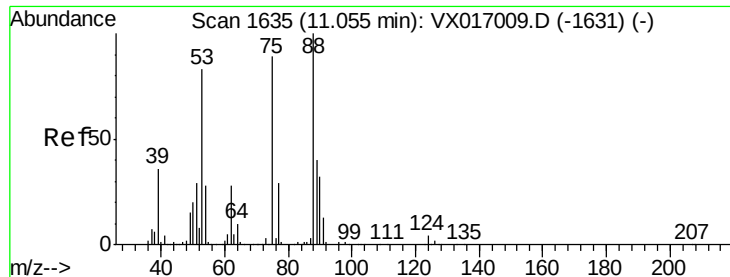
MMDadoda
 7/9/2020 10:59:54 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.754 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		671867		
120	49.3	24.9	74.6		





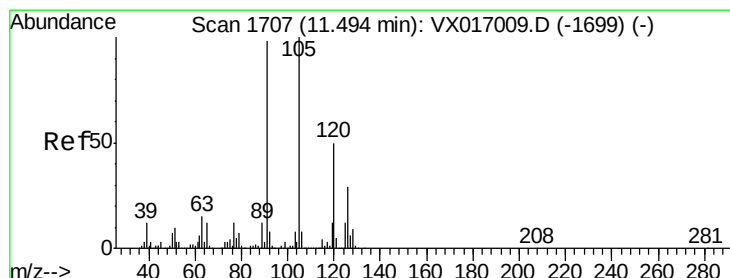
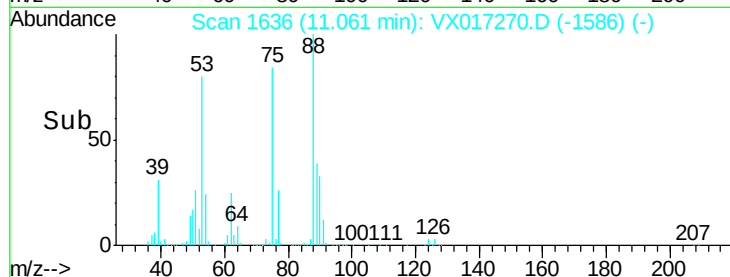
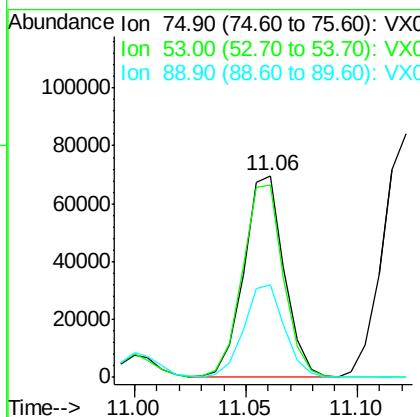
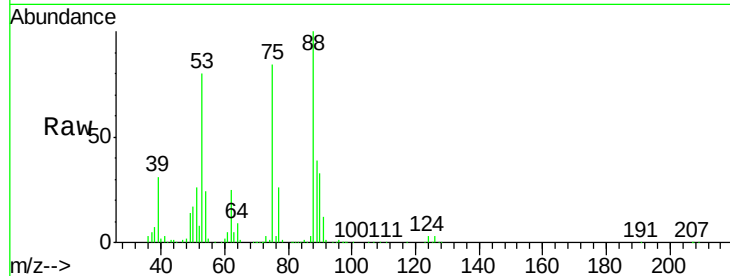
#81
trans-1,4-Dichloro-2-butene
Concen: 49.347 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	72.4	108.6
89	46.2	37.0	55.4

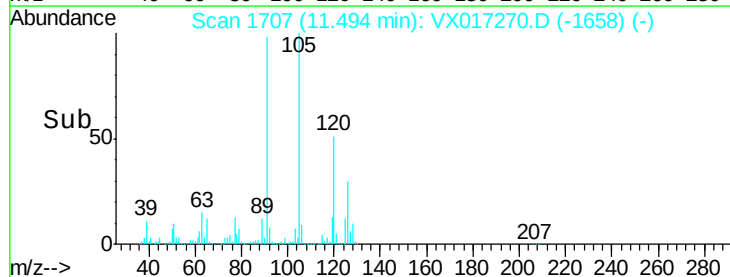
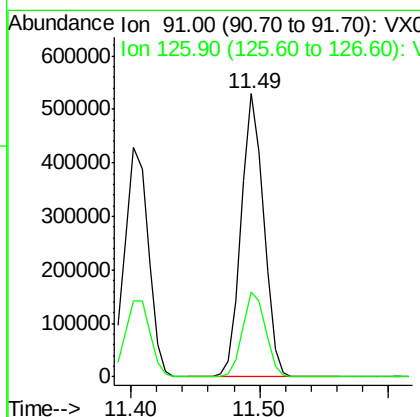
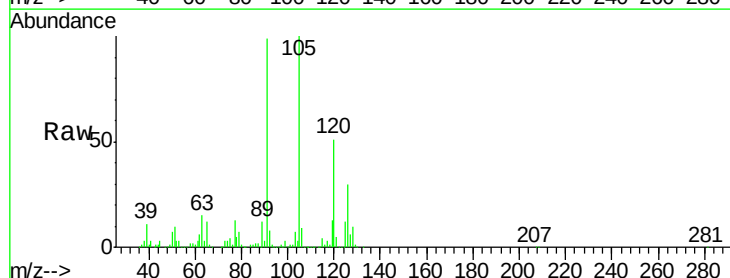
Manual Integrations
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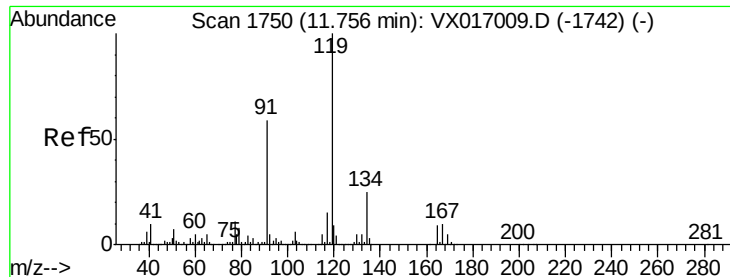
MMDadoda
7/9/2020 10:59:54 AM



#82
4-Chlorotoluene
Concen: 51.196 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.5





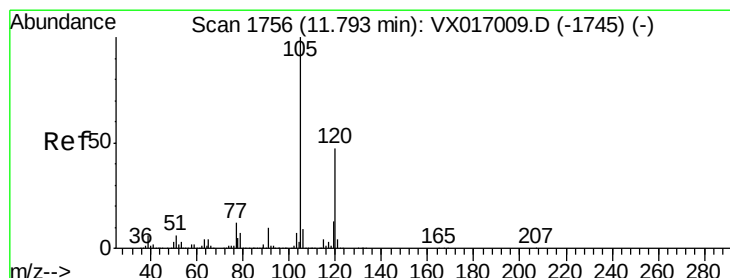
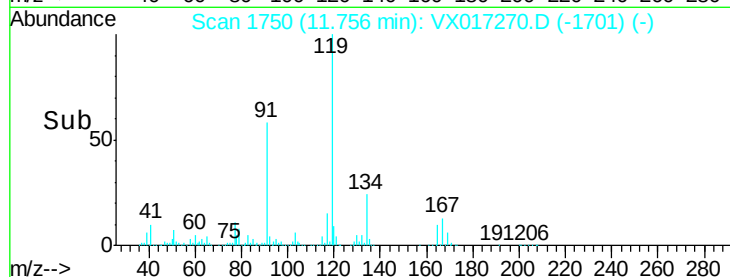
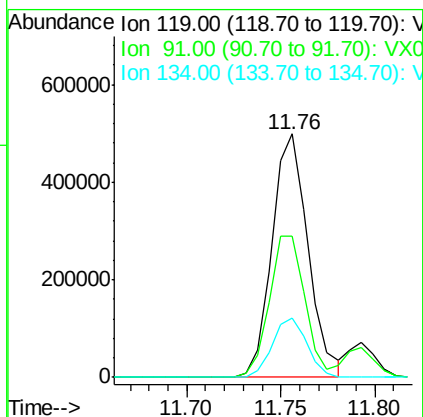
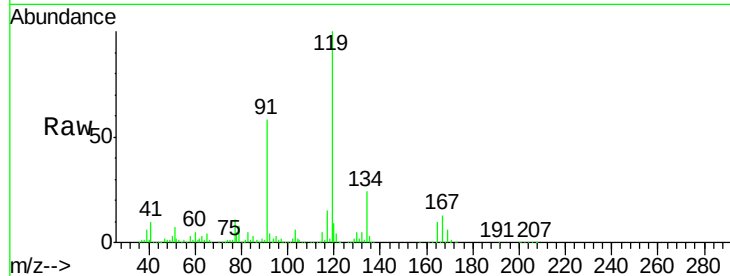
#83
 tert-Butylbenzene
 Concen: 52.920 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	28.3	84.9
134	23.5	11.7	35.1

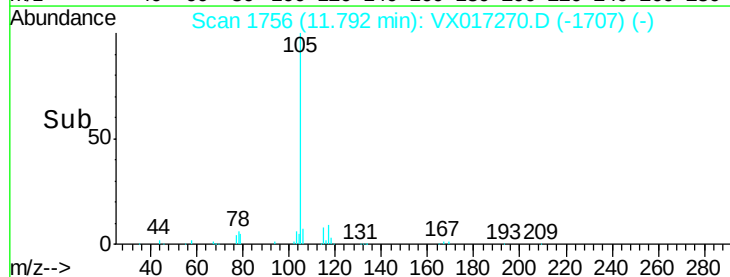
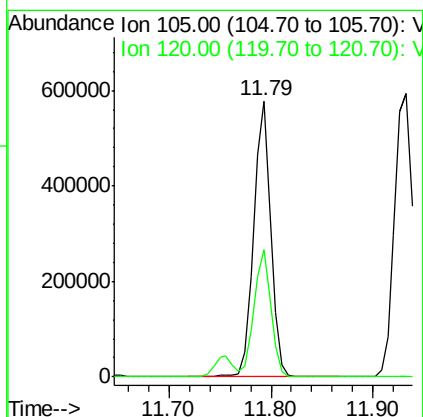
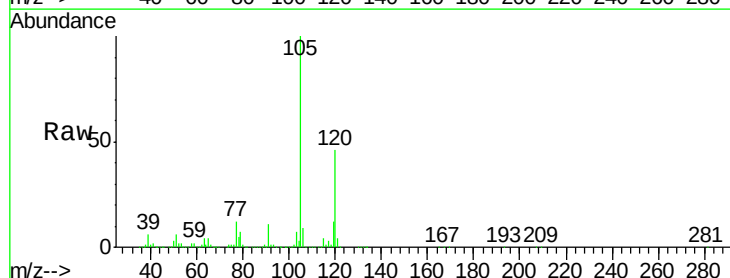
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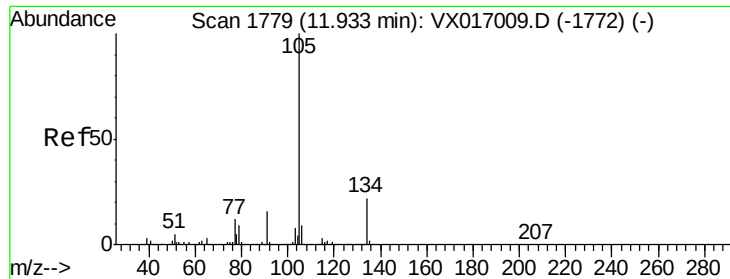
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.048 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.5





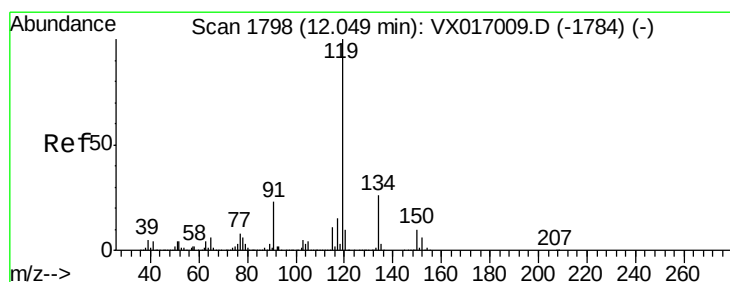
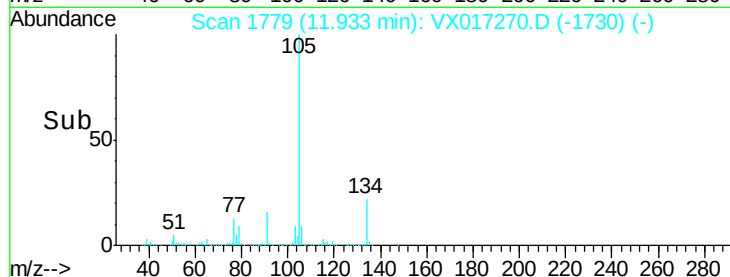
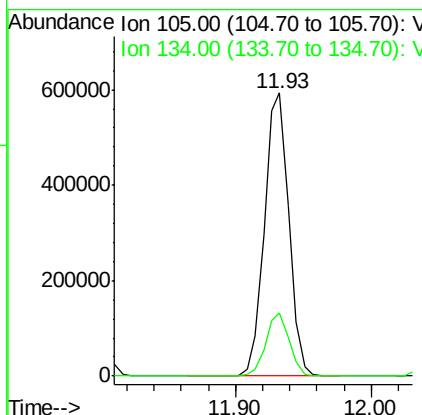
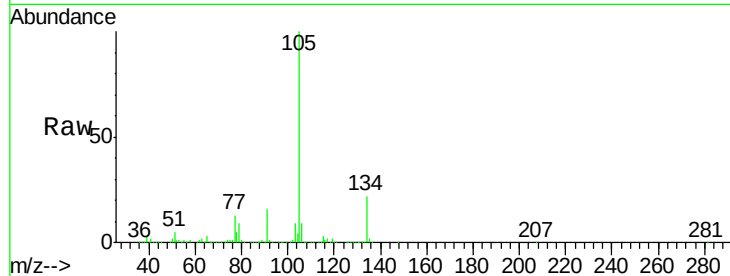
#85
 sec-Butylbenzene
 Concen: 50.875 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.5	31.6

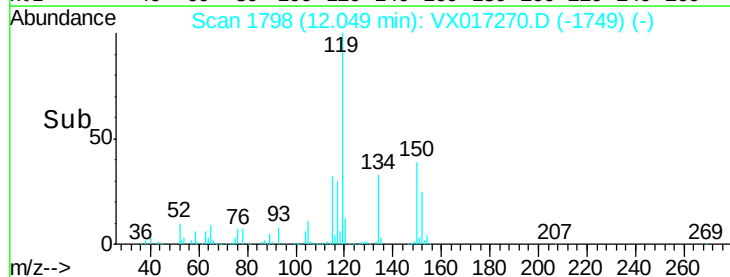
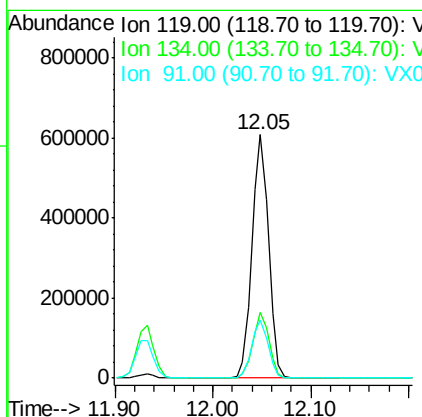
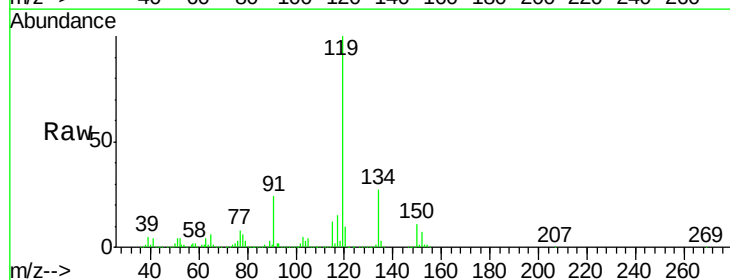
Manual Integrations
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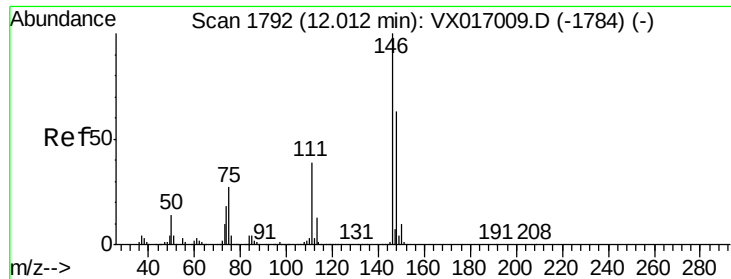
MMDadoda
 7/9/2020 10:59:54 AM



#86
 p-Isopropyltoluene
 Concen: 52.191 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.5
91	23.8	11.8	35.4





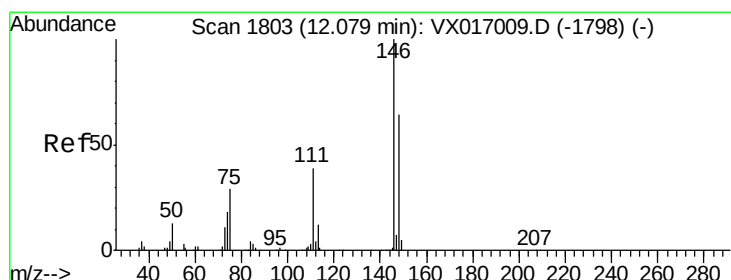
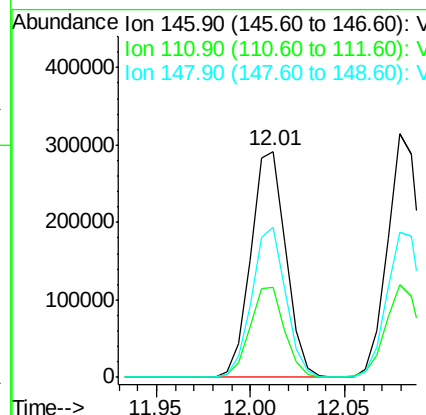
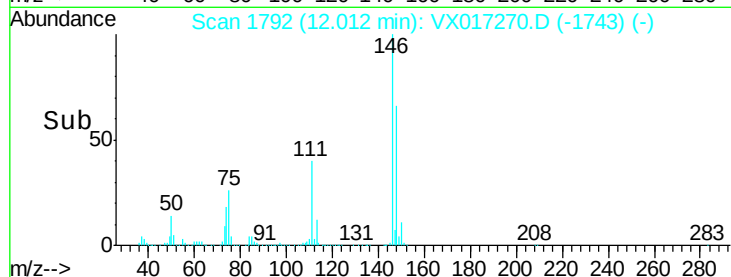
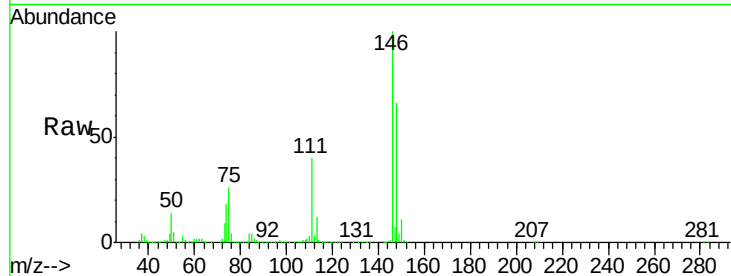
#87
 1,3-Dichlorobenzene
 Concen: 48.997 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.4	61.2
148	64.3	32.5	97.5

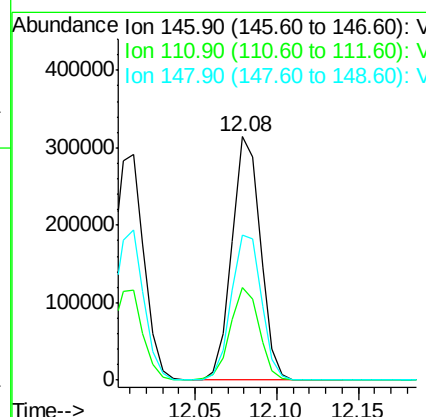
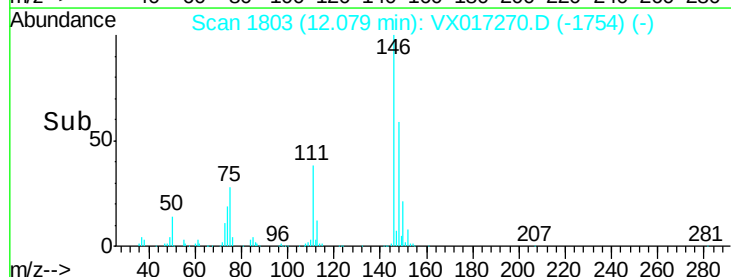
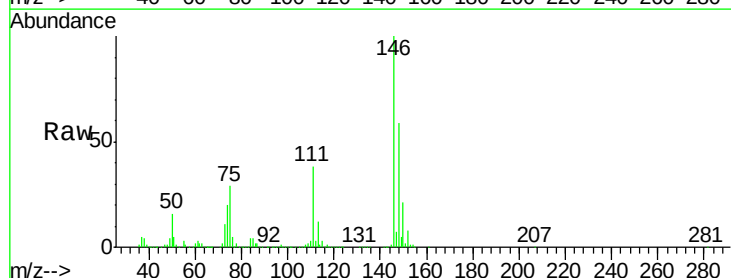
Manual Integrations
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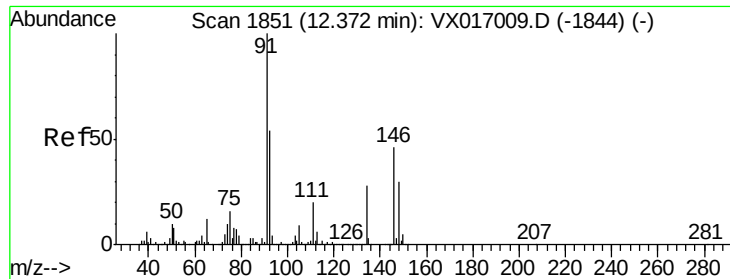
MMDadoda
 7/9/2020 10:59:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.035 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	63.0	31.9	95.7





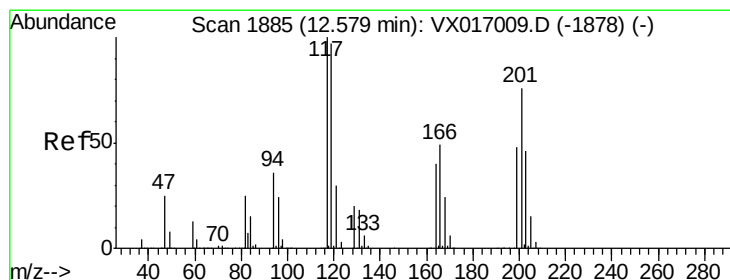
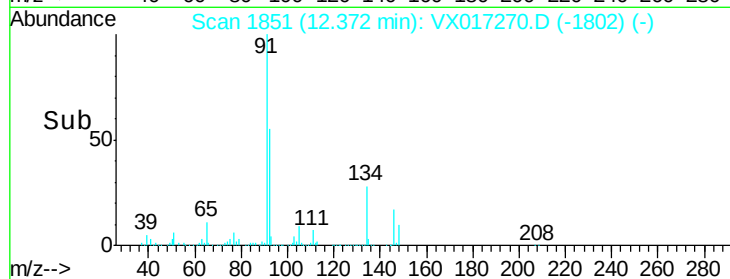
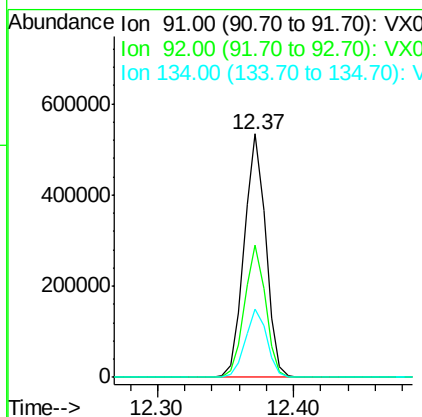
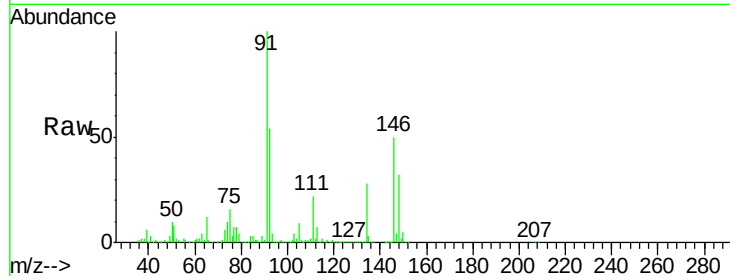
#89
n-Butylbenzene
Concen: 48.291 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	28.0	13.6	40.7

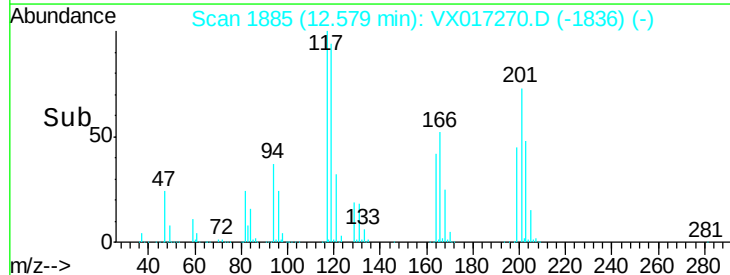
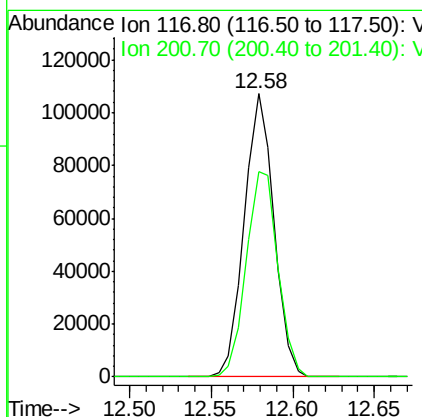
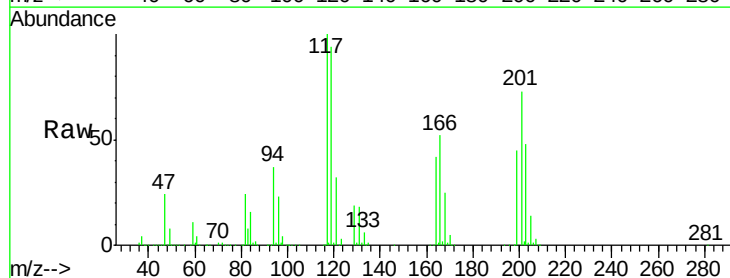
Manual Integrations
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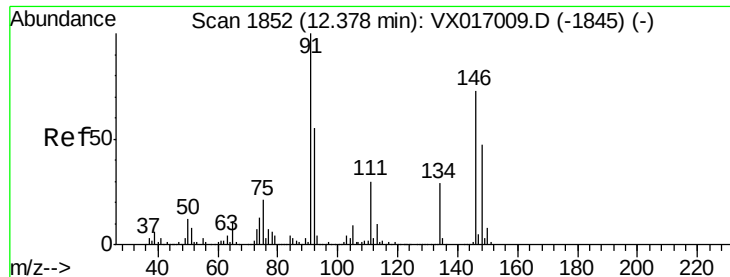
MMDadoda
7/9/2020 10:59:54 AM



#90
Hexachloroethane
Concen: 50.435 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	39.4	118.2





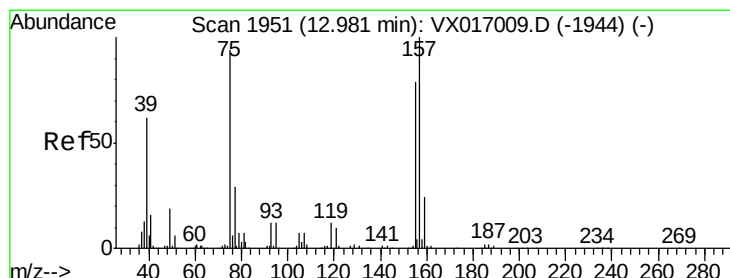
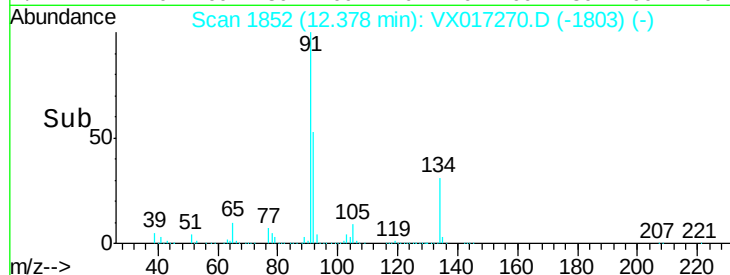
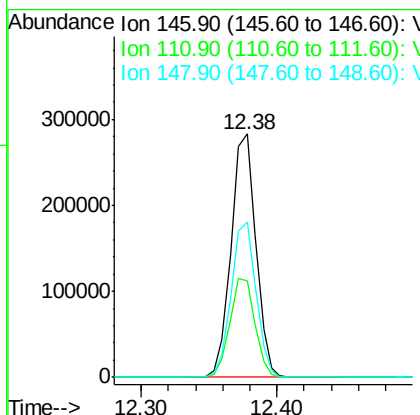
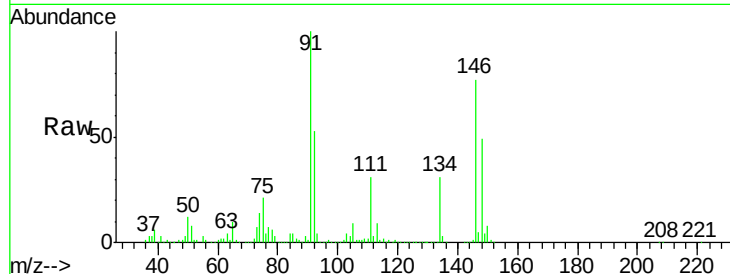
#91
 1,2-Dichlorobenzene
 Concen: 50.253 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	63.9	32.4	97.2

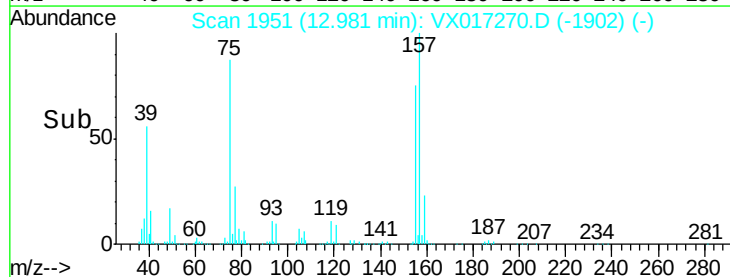
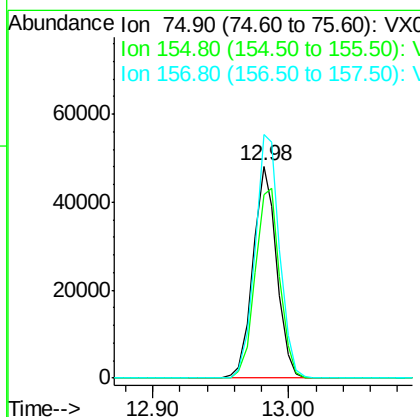
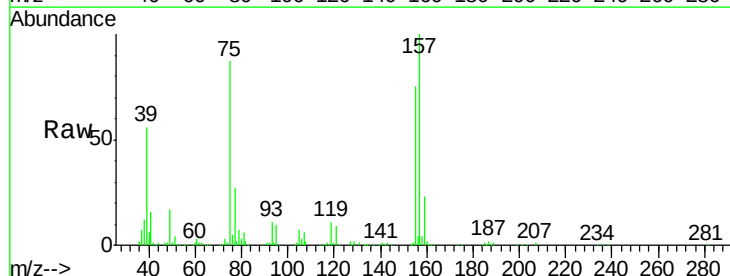
Manual Integrations
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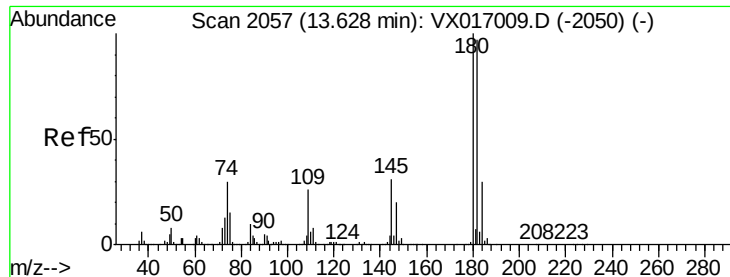
MMDadoda
 7/9/2020 10:59:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.886 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	45.1	135.2
157	119.5	56.5	169.3





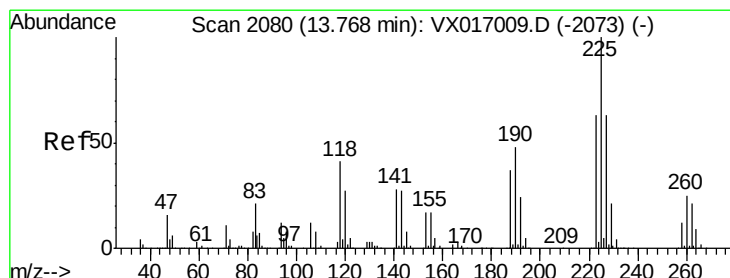
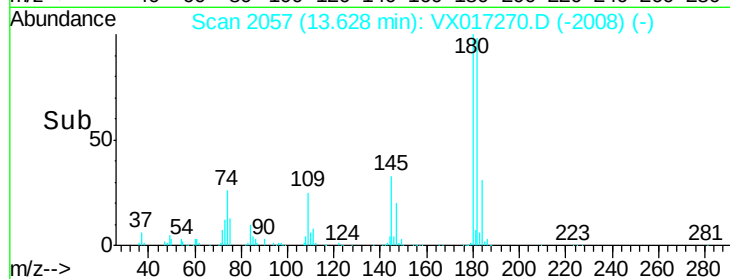
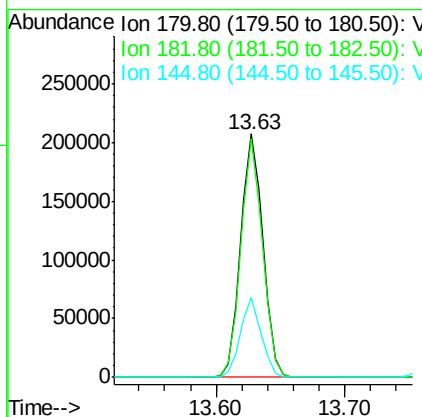
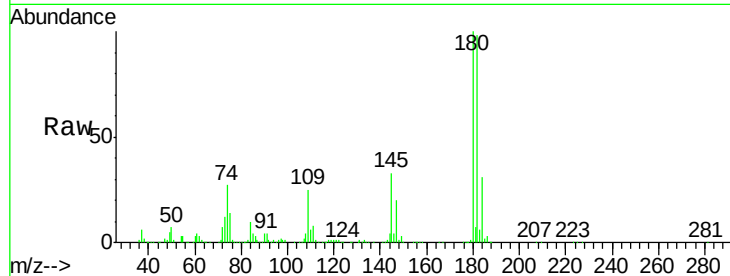
#93
 1,2,4-Trichlorobenzene
 Concen: 50.553 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	247190		
182	95.5	47.3	141.9	
145	30.9	15.4	46.2	

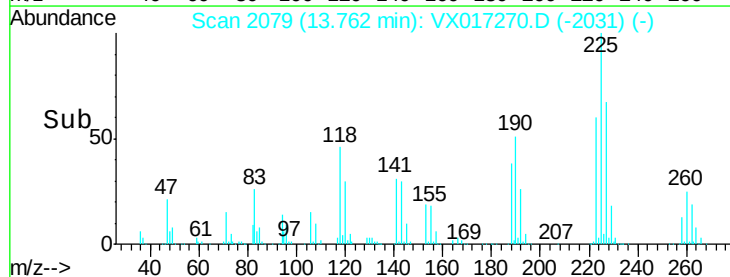
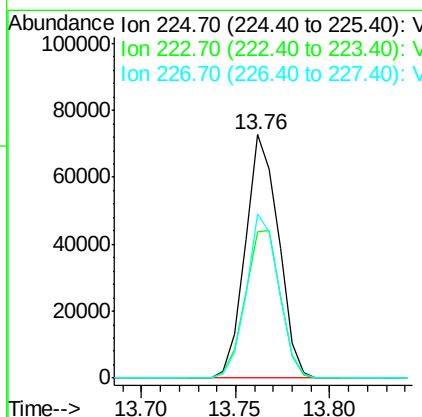
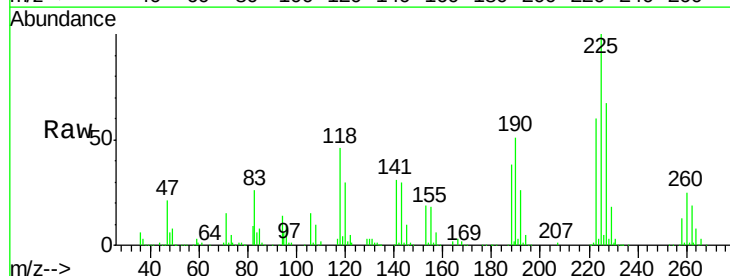
Manual Integrations
 APPROVED

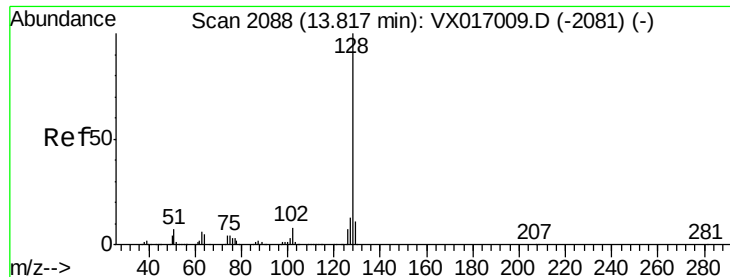
MMDadoda
 7/9/2020 10:59:54 AM



#94
 Hexachlorobutadiene
 Concen: 47.996 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89004		
223	64.3	32.5	97.5	
227	65.5	33.1	99.2	





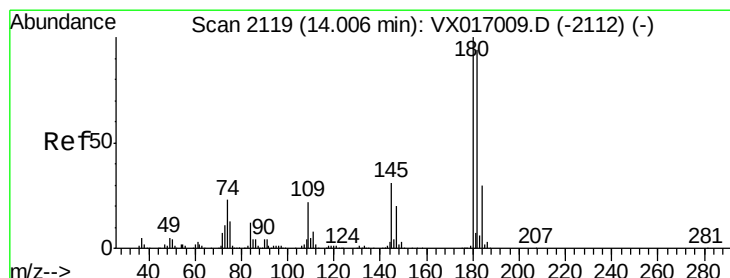
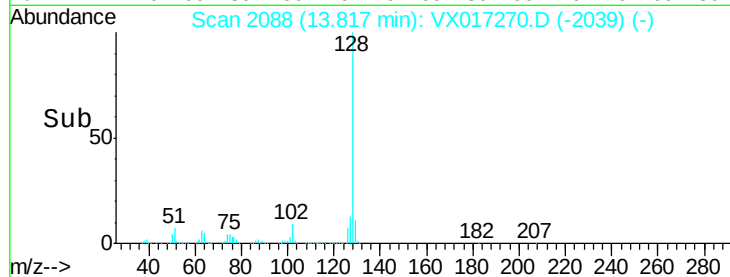
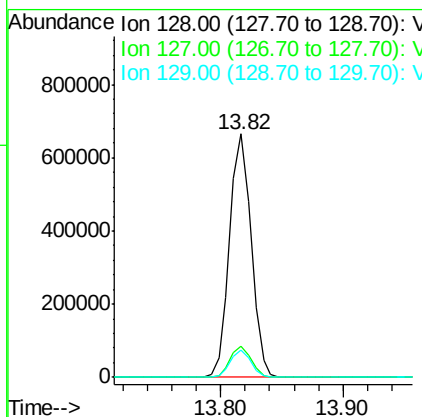
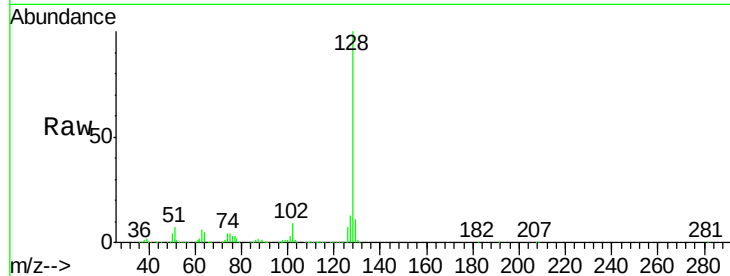
#95
Naphthalene
Concen: 54.544 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128	Resp:	810824
Ion Ratio	Lower	Upper
128 100		
127 12.6	10.2	15.4
129 10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:59:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.572 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion:180	Resp:	244044
Ion Ratio	Lower	Upper
180 100		
182 95.2	47.1	141.4
145 32.2	16.6	49.7

