

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018107.D
 Acq On : 28 Aug 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:58:17 AM

Quant Time: Aug 29 03:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	698703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1100605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1012793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	520986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	478117	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
35) Dibromofluoromethane	5.47	113	377644	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	8.70	98	1389553	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.12	95	545431	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	422021	49.610	ug/l	99
3) Chloromethane	1.31	50	433922	48.382	ug/l	98
4) Vinyl Chloride	1.39	62	415138	46.499	ug/l	99
5) Bromomethane	1.62	94	204793	47.557	ug/l	95
6) Chloroethane	1.70	64	231778	48.336	ug/l	98
7) Trichlorofluoromethane	1.91	101	592262	48.651	ug/l	98
8) Diethyl Ether	2.17	74	202169	48.969	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	303304	46.085	ug/l	98
10) Methyl Iodide	2.49	142	418083	58.383	ug/l	97
11) Tert butyl alcohol	3.03	59	456471	242.033	ug/l	98
12) 1,1-Dichloroethene	2.36	96	296483	43.421	ug/l	99
13) Acrolein	2.28	56	279906	357.930	ug/l	98
14) Allyl chloride	2.70	41	648044	52.826	ug/l	99
15) Acrylonitrile	3.12	53	1093585	255.621	ug/l	100
16) Acetone	2.42	43	852760	225.620	ug/l	97
17) Carbon Disulfide	2.55	76	959842	46.501	ug/l	99
18) Methyl Acetate	2.75	43	483630	53.026	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1217160	51.978	ug/l	99
20) Methylene Chloride	2.83	84	387417	50.134	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	371323	49.085	ug/l	99
22) Diisopropyl ether	3.82	45	1271023	52.495	ug/l #	88
23) Vinyl Acetate	3.79	43	5821555	270.213	ug/l	99
24) 1,1-Dichloroethane	3.67	63	696062	50.502	ug/l	97
25) 2-Butanone	4.64	43	1568784	252.554	ug/l	99
26) 2,2-Dichloropropane	4.55	77	623666	55.614	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	432561	49.628	ug/l	99
28) Bromochloromethane	4.98	49	321993	48.399	ug/l	98
29) Tetrahydrofuran	5.09	42	1014961	256.677	ug/l	100
30) Chloroform	5.18	83	708936	49.675	ug/l	96
31) Cyclohexane	5.55	56	598263	51.530	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	647297	49.424	ug/l	99
36) 1,1-Dichloropropene	5.77	75	537450	52.943	ug/l	99
37) Ethyl Acetate	4.79	43	615968	52.244	ug/l	99
38) Carbon Tetrachloride	5.76	117	583759	51.027	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	589858	53.139	ug/l	97
40) Benzene	6.12	78	1546263	51.838	ug/l	99
41) Methacrylonitrile	5.01	41	340914	52.661	ug/l	99
42) 1,2-Dichloroethane	6.16	62	599118	52.423	ug/l	99
43) Isopropyl Acetate	6.42	43	1015801	53.342	ug/l	100
44) Trichloroethene	7.19	130	436166	51.750	ug/l	100
45) 1,2-Dichloropropane	7.49	63	423850	52.722	ug/l	97
46) Dibromomethane	7.64	93	287688	50.888	ug/l	99
47) Bromodichloromethane	7.88	83	594816	52.694	ug/l	97
48) Methyl methacrylate	7.74	41	510611	53.862	ug/l	98
49) 1,4-Dioxane	7.71	88	183322	1067.555	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	3133757	266.401	ug/l	100
52) Toluene	8.77	92	960777	50.796	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	680473	54.391	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	707232	53.364	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	410063	50.833	ug/l	99
56) Ethyl methacrylate	9.16	69	645708	53.844	ug/l	99
57) 1,3-Dichloropropane	9.35	76	686059	51.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1363666	252.781	ug/l	99
59) 2-Hexanone	9.48	43	2471967	276.363	ug/l	100
60) Dibromochloromethane	9.57	129	490773	51.862	ug/l	97
61) 1,2-Dibromoethane	9.65	107	446495	50.982	ug/l	98
64) Tetrachloroethene	9.32	164	392387	52.722	ug/l	91
65) Chlorobenzene	10.12	112	1083056	53.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	425421	53.362	ug/l	99
67) Ethyl Benzene	10.24	91	1906699	55.429	ug/l	100
68) m/p-Xylenes	10.34	106	1419813	110.583	ug/l	100
69) o-Xylene	10.68	106	678934	54.549	ug/l	98
70) Styrene	10.70	104	1185119	55.912	ug/l	99
71) Bromoform	10.84	173	368108	54.132	ug/l #	100
73) Isopropylbenzene	11.00	105	1814929	52.814	ug/l	99
74) N-amyl acetate	10.88	43	918857	56.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	619357	51.091	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	608229m	52.481	ug/l	
77) Bromobenzene	11.24	156	473439	49.840	ug/l	98
78) n-propylbenzene	11.34	91	2086566	53.475	ug/l	99
79) 2-Chlorotoluene	11.40	91	1283945	53.260	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1530034	54.181	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	240139	55.962	ug/l	97
82) 4-Chlorotoluene	11.49	91	1520013	53.038	ug/l	99
83) tert-Butylbenzene	11.76	119	1450736	52.056	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1572577	54.468	ug/l	100
85) sec-Butylbenzene	11.93	105	1671414	52.739	ug/l	100
86) p-Isopropyltoluene	12.05	119	1563913	53.722	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	851991	51.085	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	841362	50.384	ug/l	99
89) n-Butylbenzene	12.37	91	1395498	52.521	ug/l	99
90) Hexachloroethane	12.58	117	301786	52.691	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	791933	50.444	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	153062	50.496	ug/l	94

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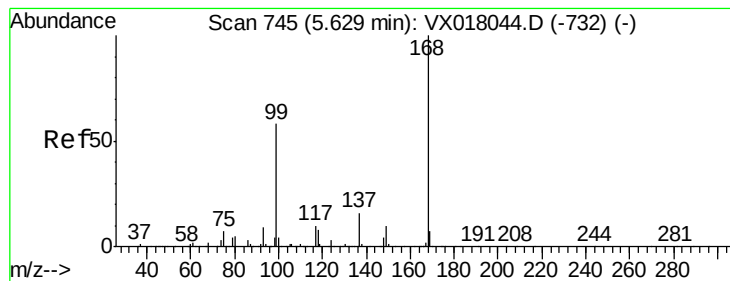
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	502152	47.967	ug/l	97
94) Hexachlorobutadiene	13.76	225	199937	48.421	ug/l	95
95) Naphthalene	13.82	128	1845547	53.568	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	521448	50.410	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. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 698703

Ion Ratio Lower Upper

168 100

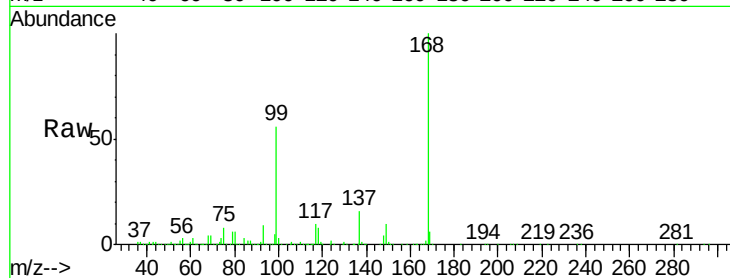
99 55.7 46.3 69.5

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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

250000

200000

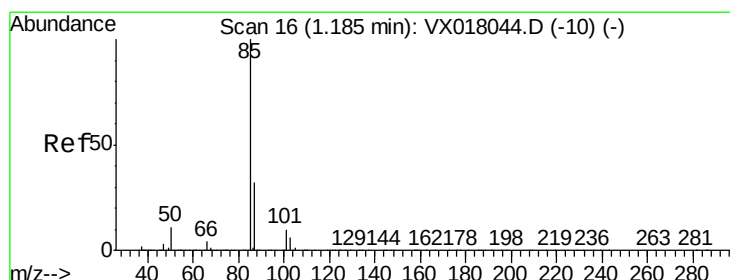
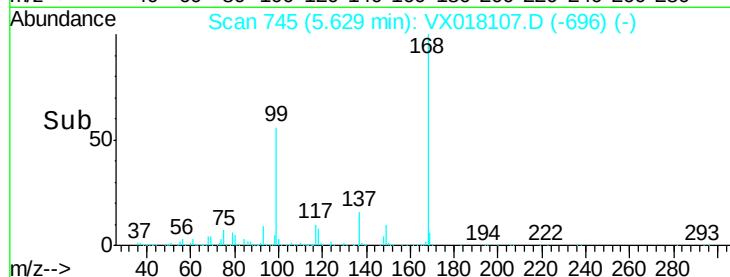
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.610 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018107.D

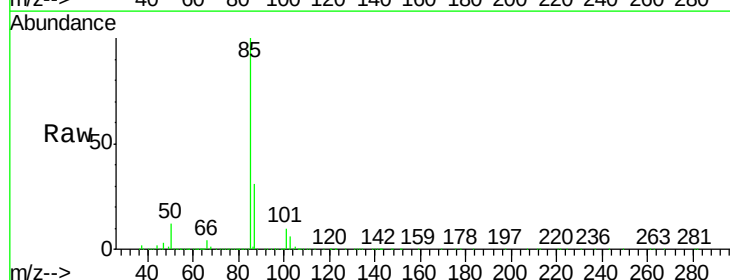
Acq: 28 Aug 2020 10:01

Tgt Ion: 85 Resp: 422021

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

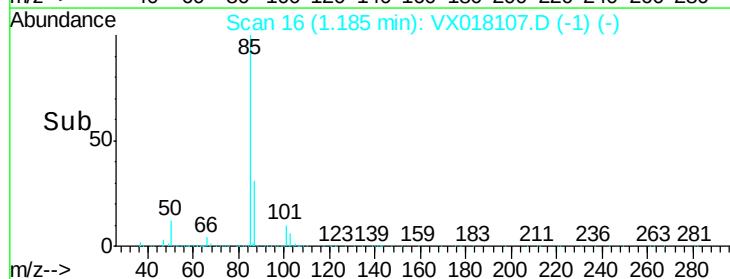
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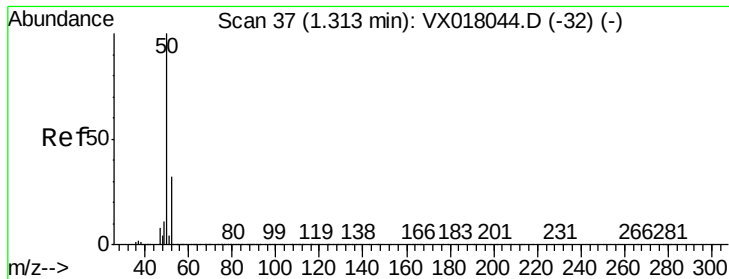
200000

100000

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Time-->





#3

Chloromethane

Concen: 48.382 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 433922

Ion Ratio Lower Upper

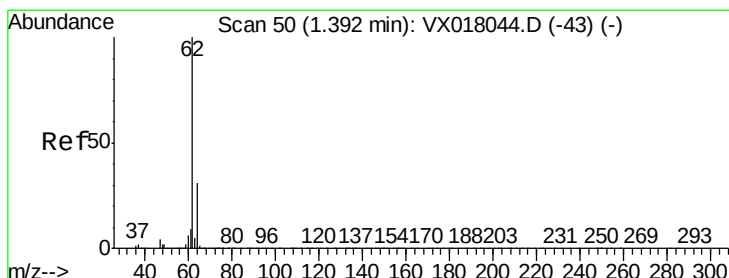
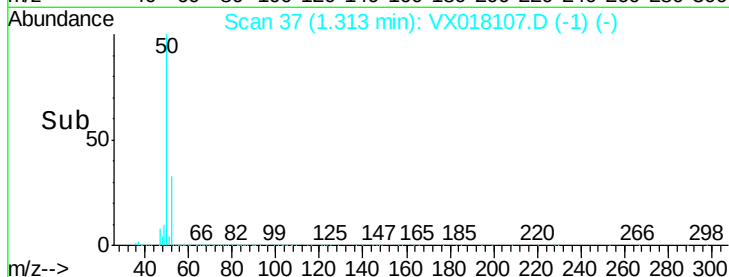
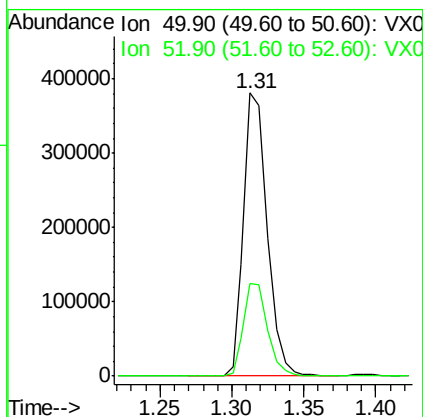
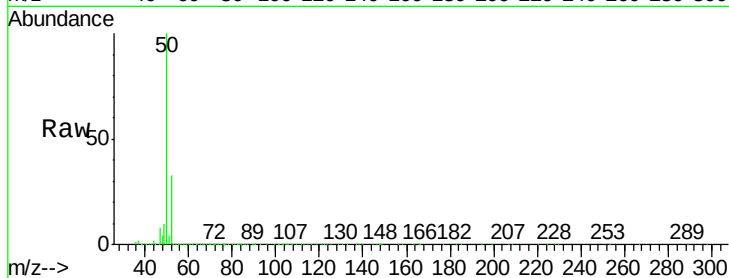
50 100

52 32.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 46.499 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018107.D

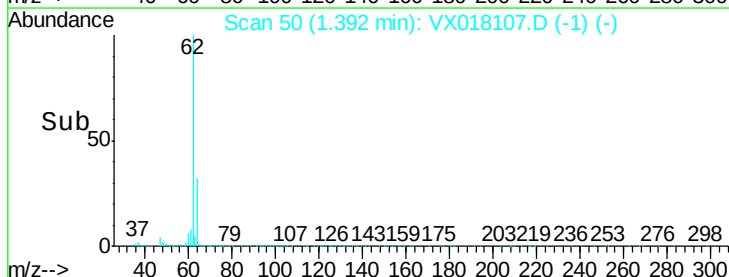
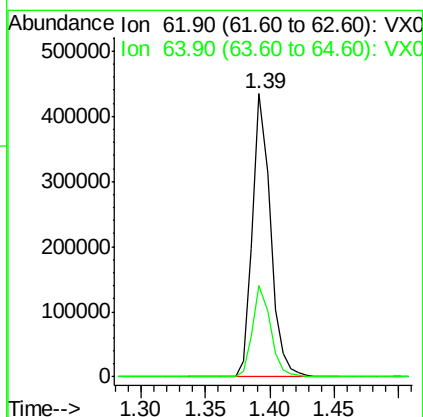
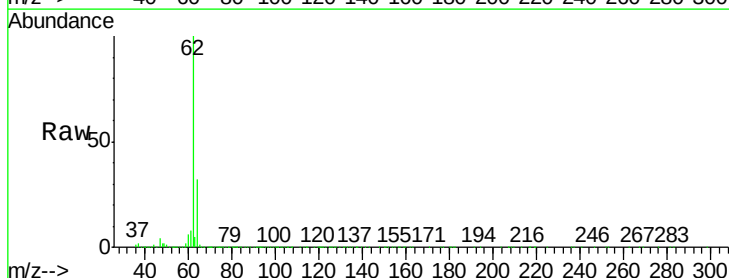
Acq: 28 Aug 2020 10:01

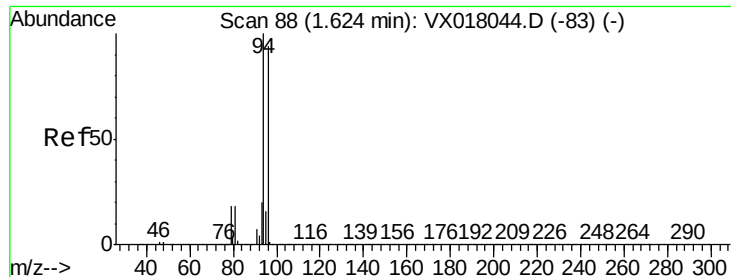
Tgt Ion: 62 Resp: 415138

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 47.557 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 204793

Ion Ratio Lower Upper

94 100

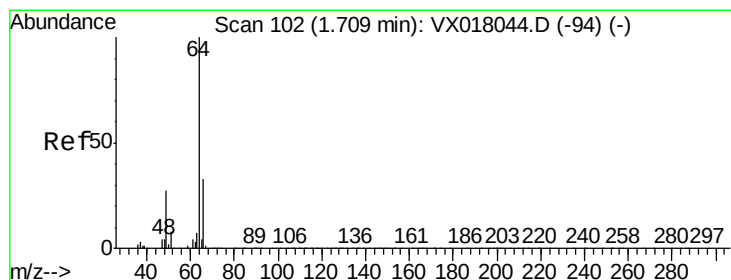
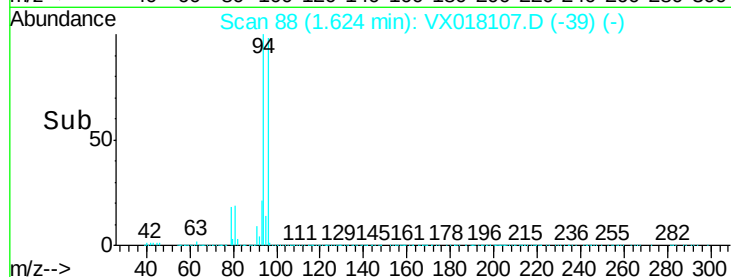
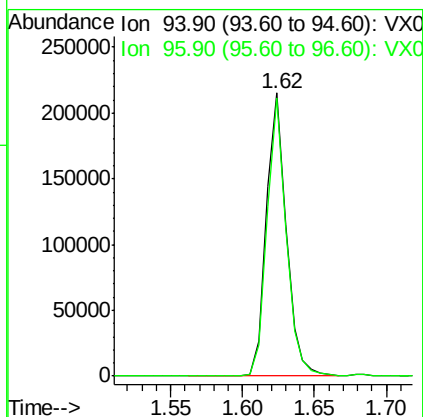
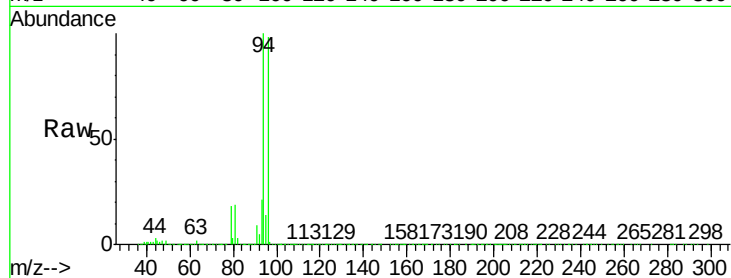
96 98.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 48.336 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018107.D

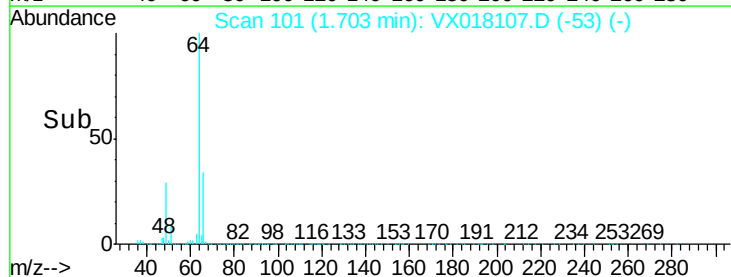
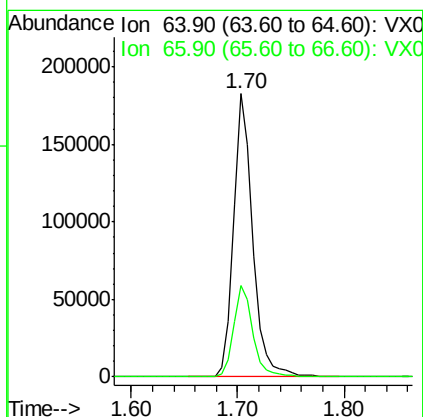
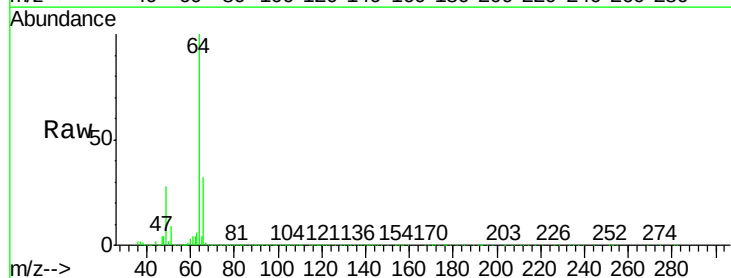
Acq: 28 Aug 2020 10:01

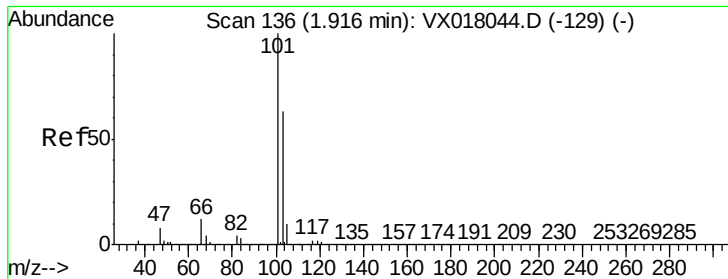
Tgt Ion: 64 Resp: 231778

Ion Ratio Lower Upper

64 100

66 32.3 26.6 39.8





#7

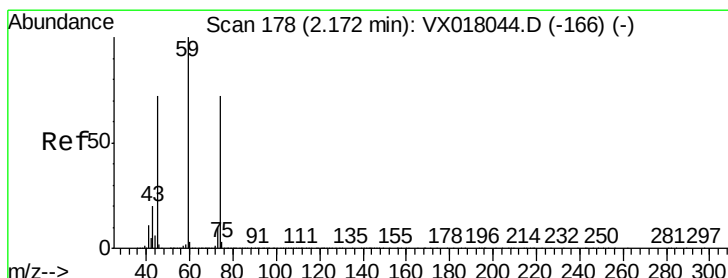
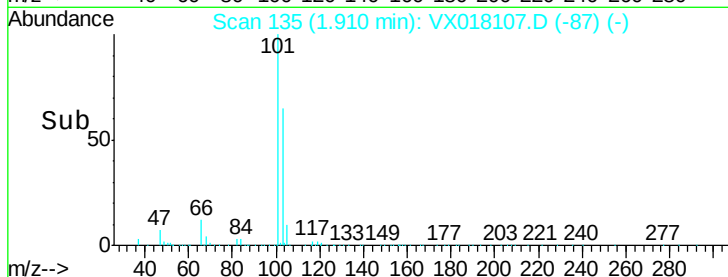
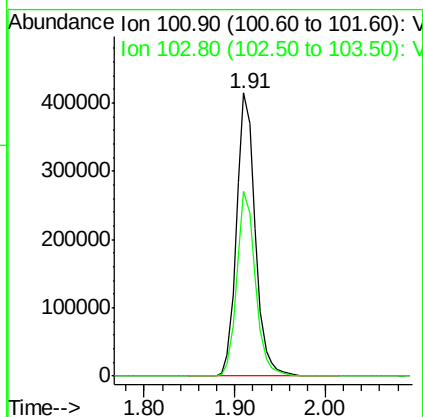
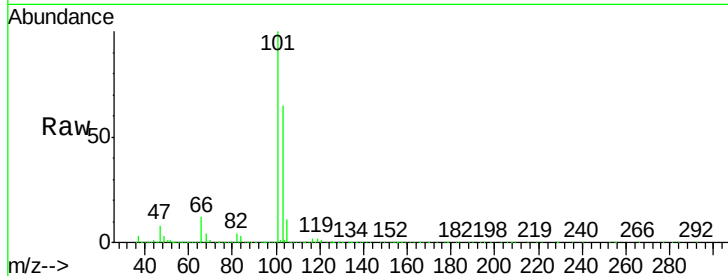
Trichlorofluoromethane
Concen: 48.651 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018107.D
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.7	76.1

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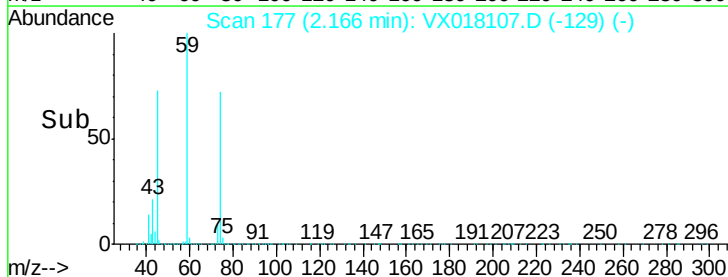
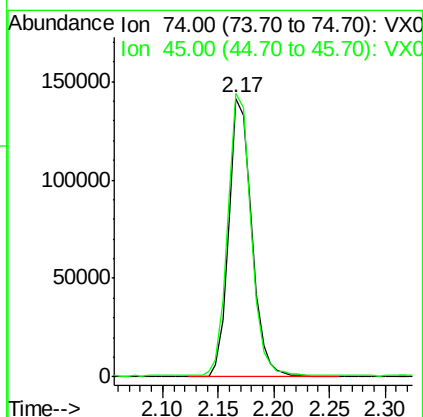
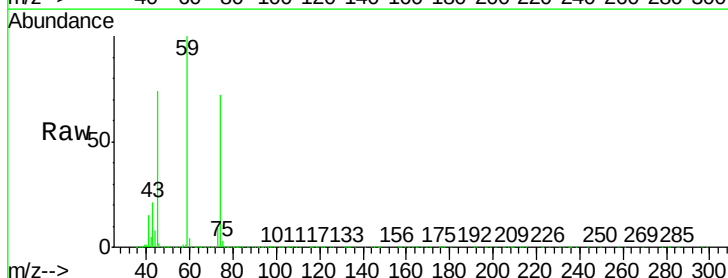
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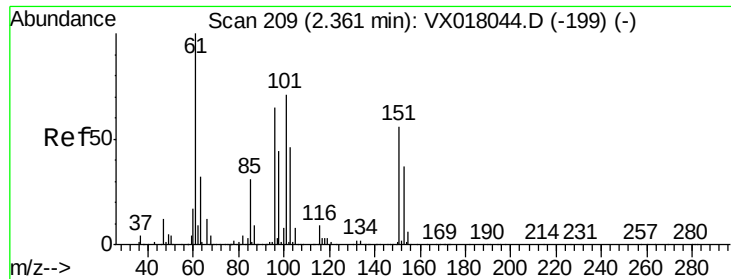


#8

Diethyl Ether
Concen: 48.969 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.085 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

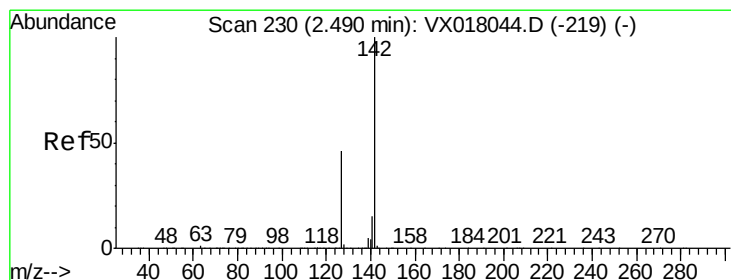
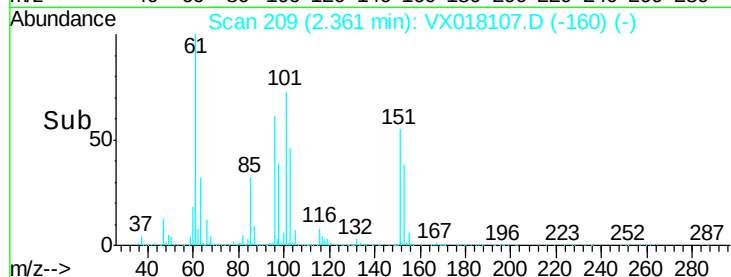
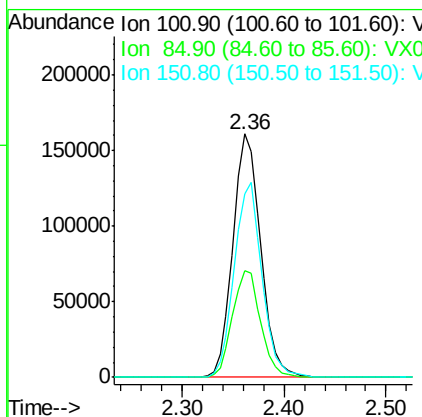
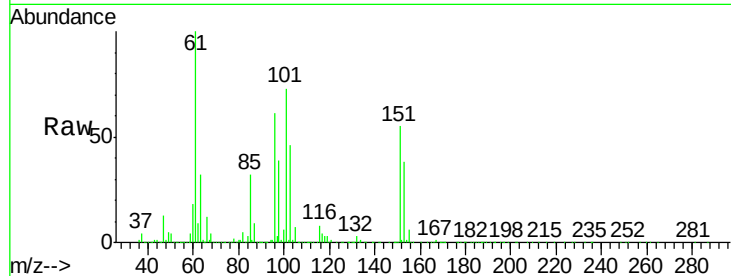
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	303304
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.0	51.0
151	79.6	65.2	97.8

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#10

Methyl Iodide

Concen: 58.383 ug/l

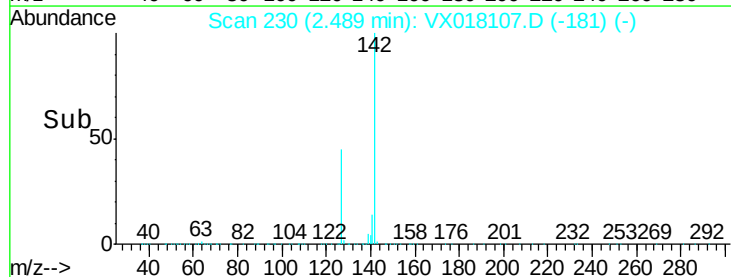
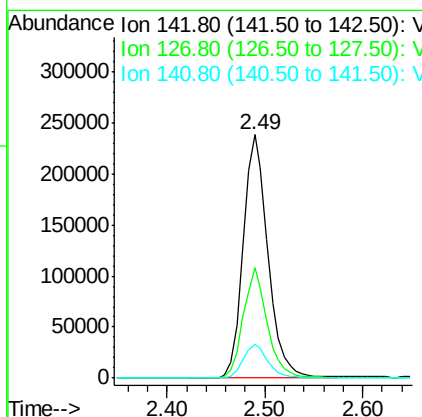
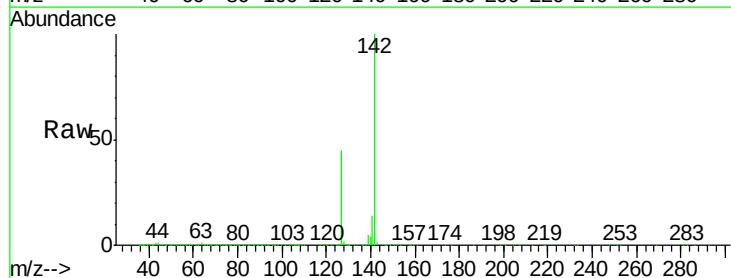
RT: 2.49 min Scan# 230

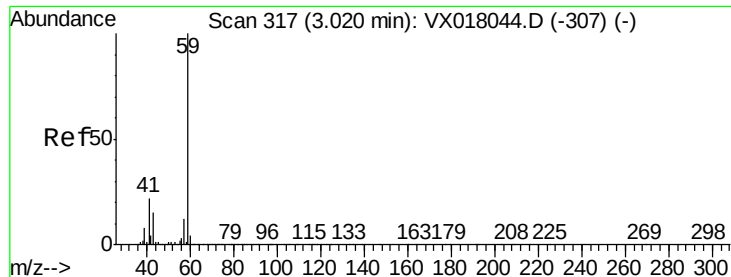
Delta R.T. 0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion:	142	Resp:	418083
Ion Ratio	Lower	Upper	
142	100		
127	44.2	37.0	55.6
141	14.0	11.5	17.3





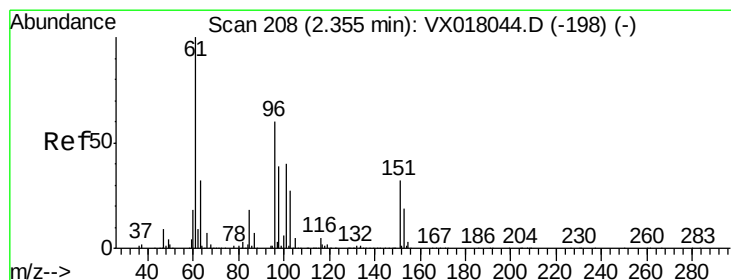
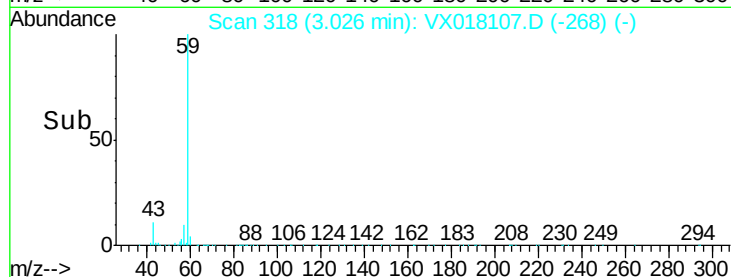
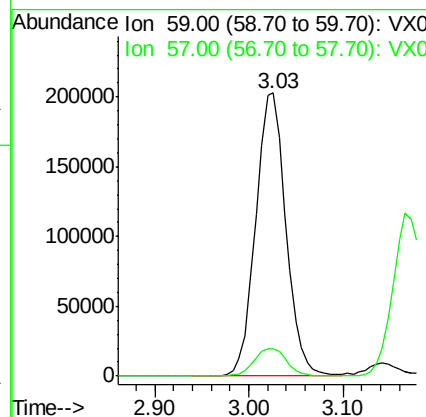
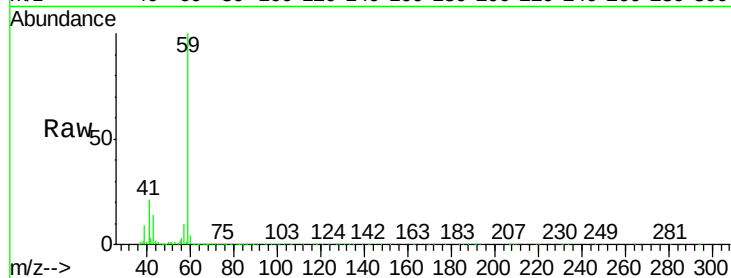
#11
Tert butyl alcohol
Concen: 242.033 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.9	13.3

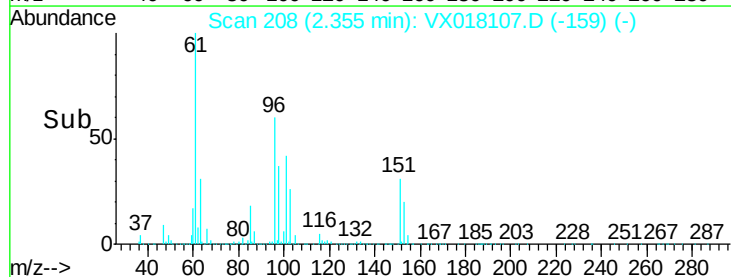
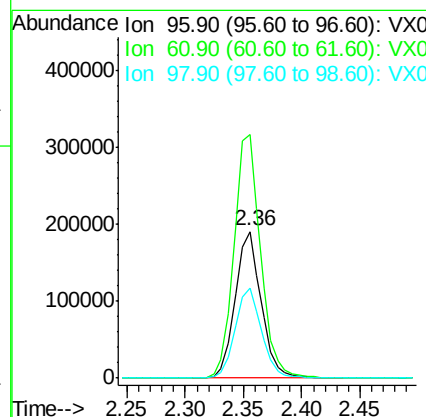
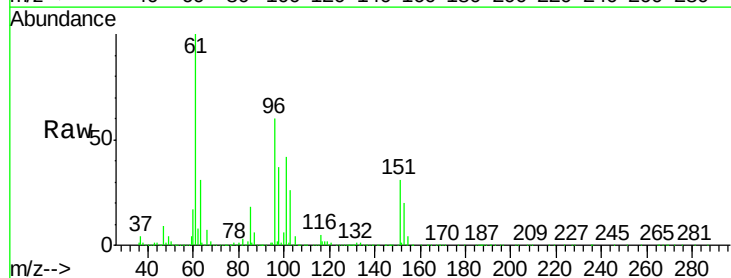
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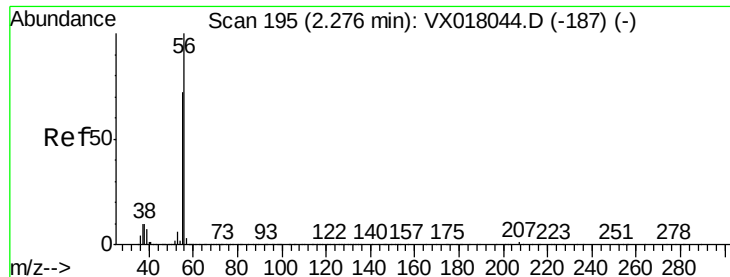
MMDadoda
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#12
1,1-Dichloroethene
Concen: 43.421 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.3	133.0	199.4
98	61.7	51.6	77.4





#13

Acrolein

Concen: 357.930 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 279906

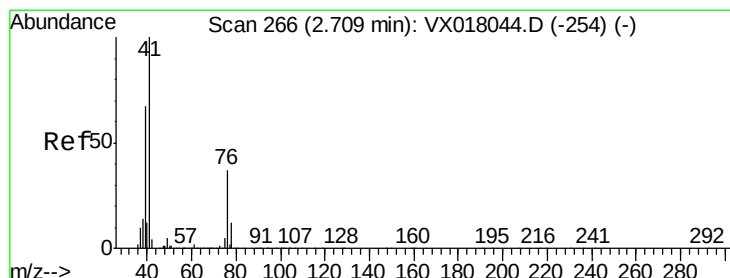
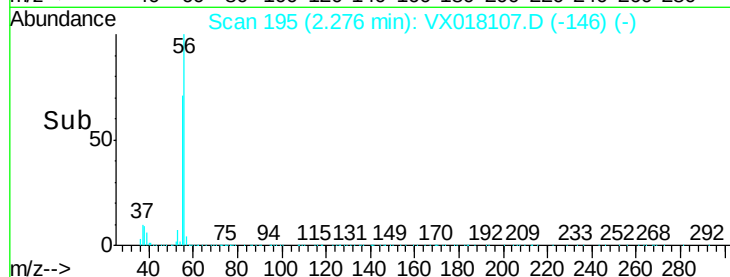
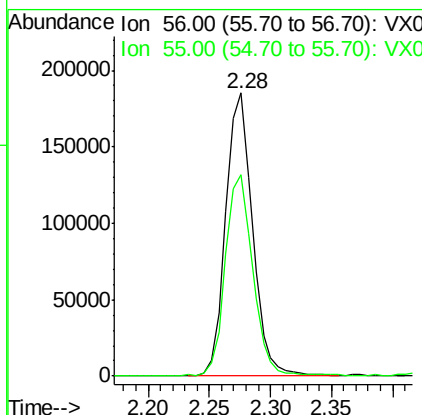
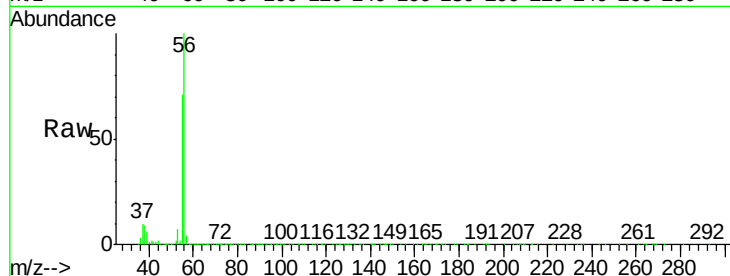
Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.6

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#14

Allyl chloride

Concen: 52.826 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

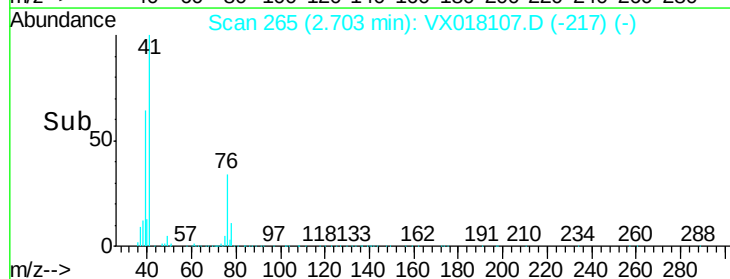
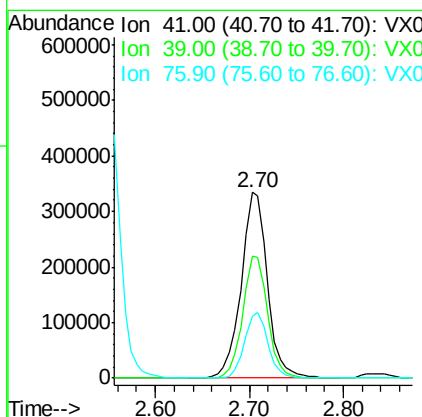
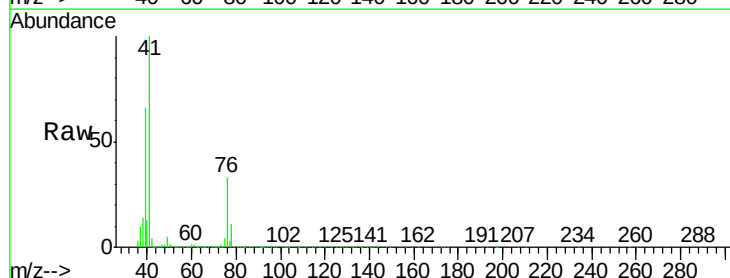
Tgt Ion: 41 Resp: 648044

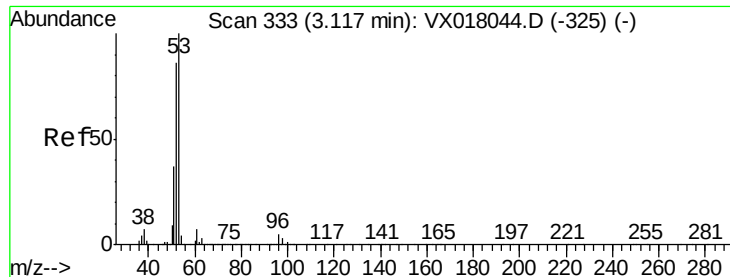
Ion Ratio Lower Upper

41 100

39 62.6 50.6 76.0

76 31.7 26.2 39.2





#15

Acrylonitrile

Concen: 255.621 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1093585

Ion Ratio Lower Upper

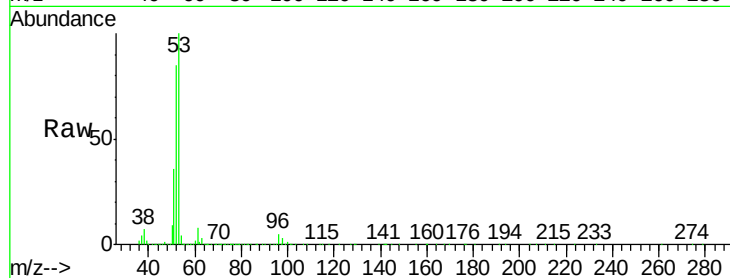
53 100

52 83.8 66.9 100.3

51 35.8 28.7 43.1

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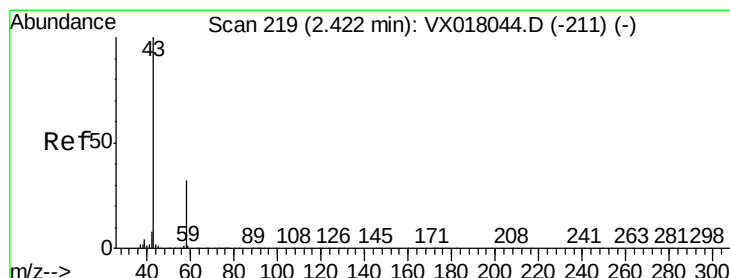
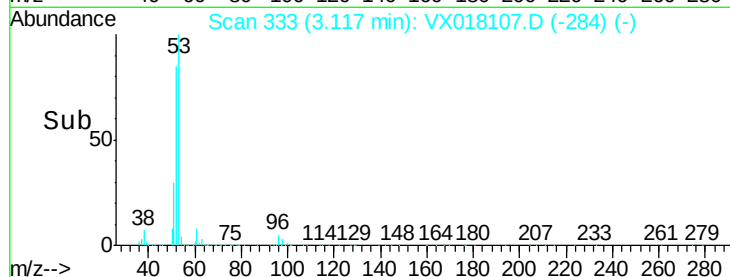
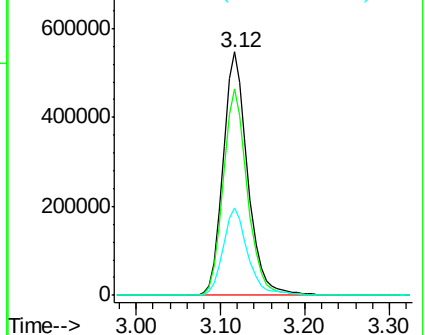
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Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 225.620 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018107.D

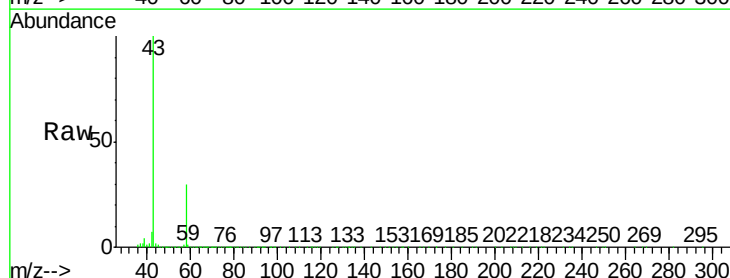
Acq: 28 Aug 2020 10:01

Tgt Ion: 43 Resp: 852760

Ion Ratio Lower Upper

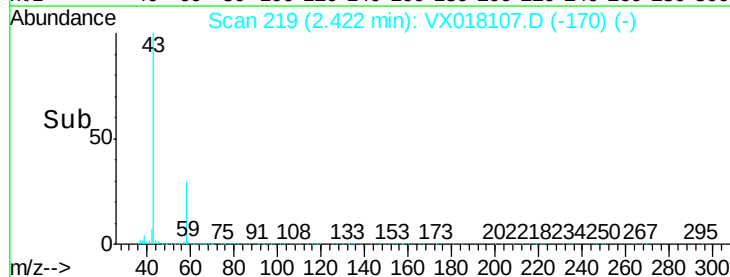
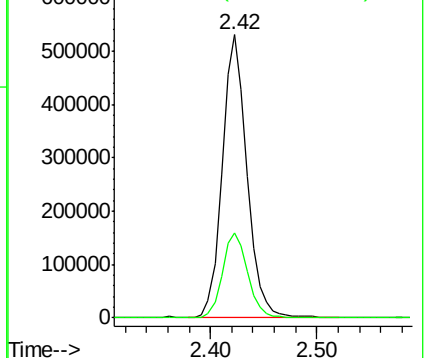
43 100

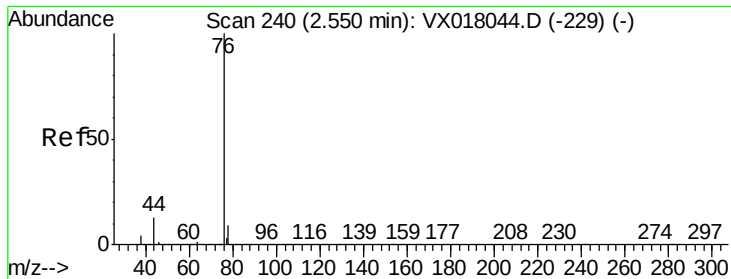
58 30.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.501 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 959842

Ion Ratio Lower Upper

76 100

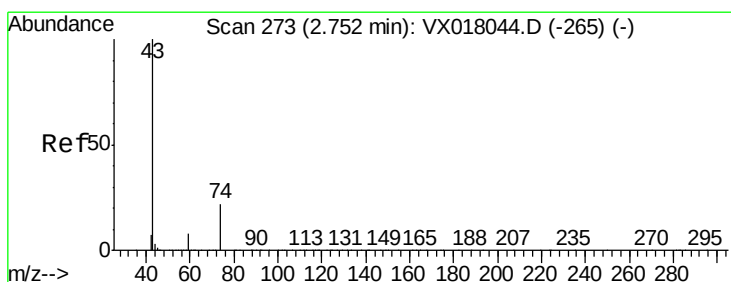
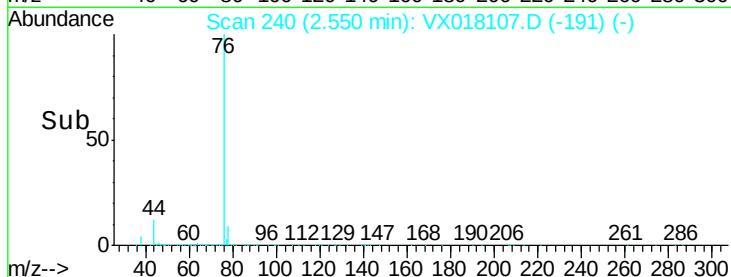
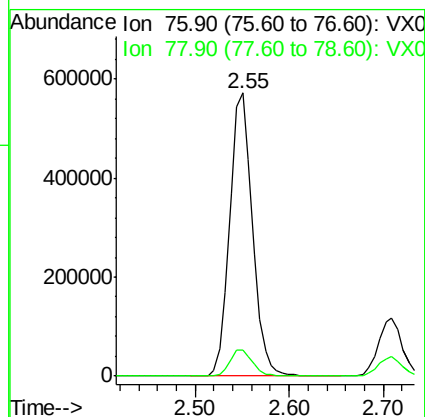
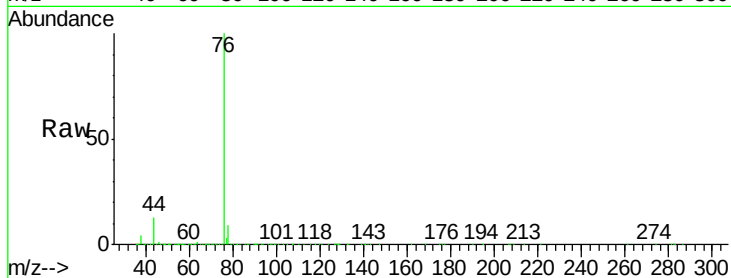
78 9.4 7.4 11.0

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#18

Methyl Acetate

Concen: 53.026 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018107.D

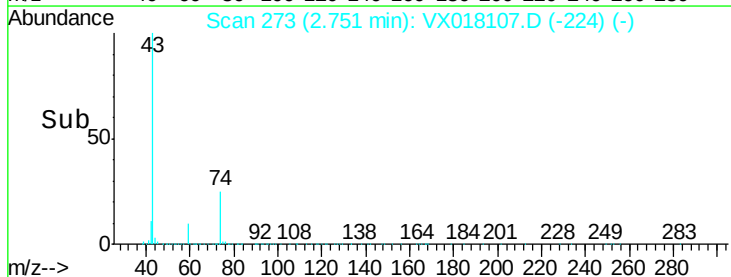
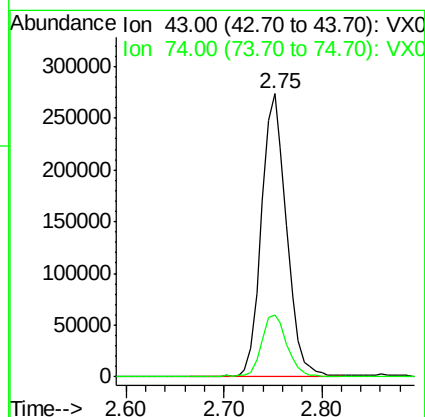
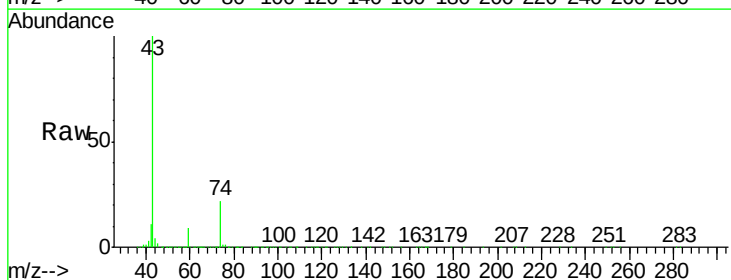
Acq: 28 Aug 2020 10:01

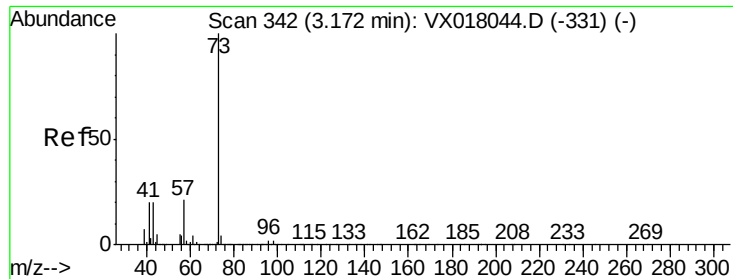
Tgt Ion: 43 Resp: 483630

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.4





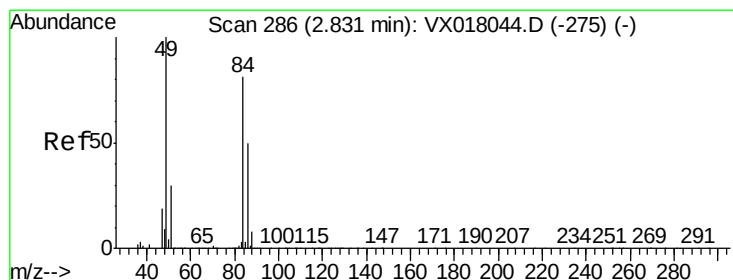
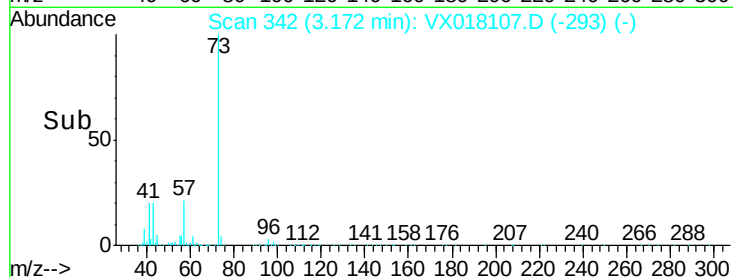
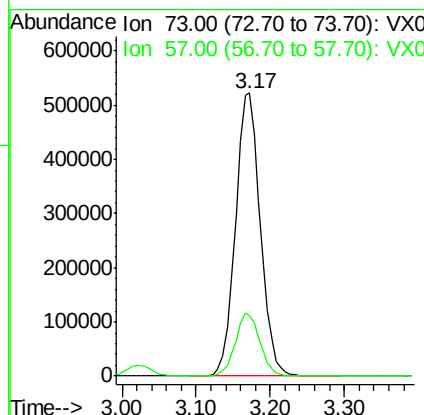
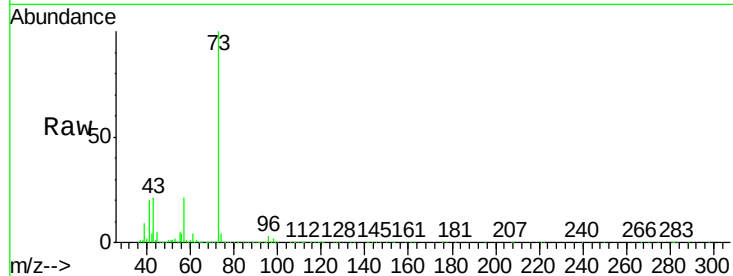
#19
Methyl tert-butyl Ether
Concen: 51.978 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1217160
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2

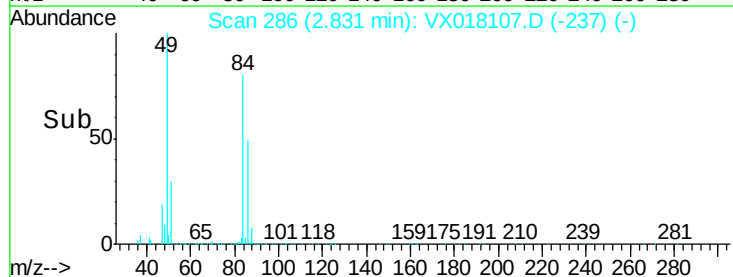
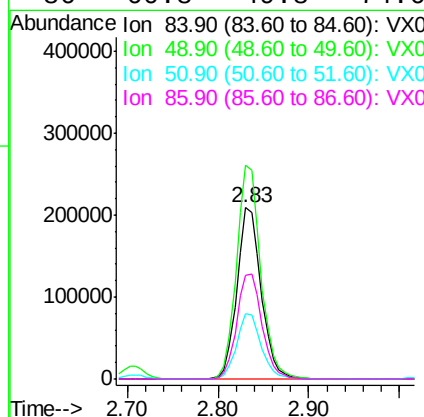
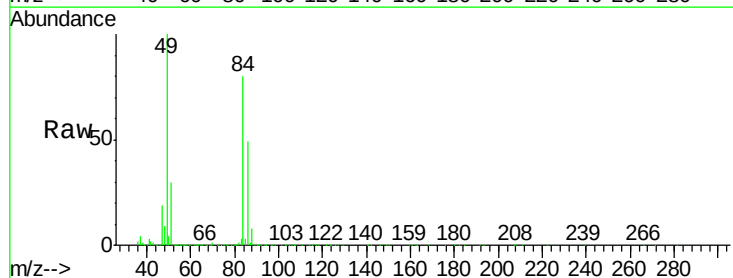
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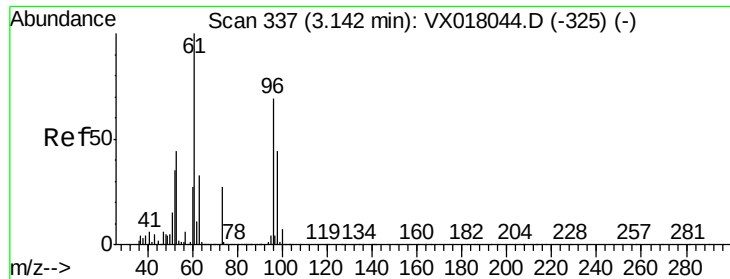
MMDadoda
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#20
Methylene Chloride
Concen: 50.134 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion: 84 Resp: 387417
Ion Ratio Lower Upper
84 100
49 124.8 98.6 148.0
51 37.9 29.6 44.4
86 60.8 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 49.085 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

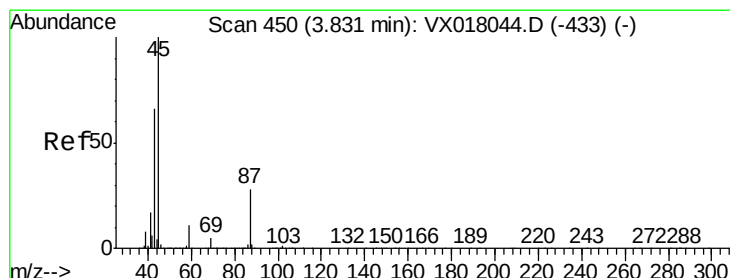
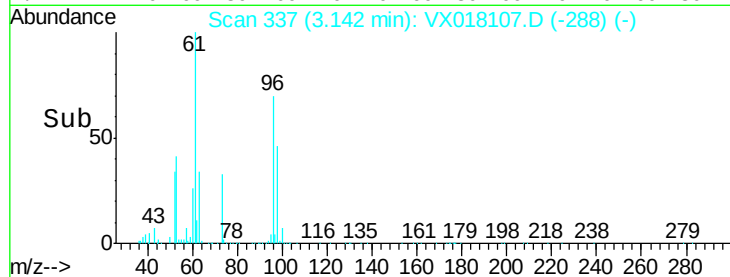
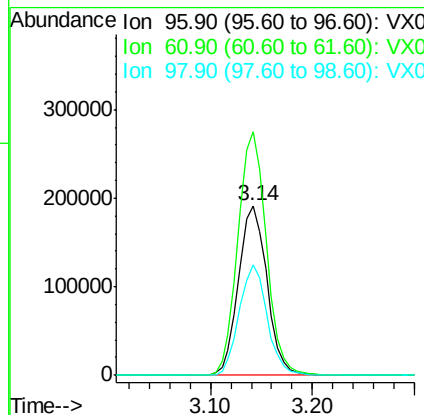
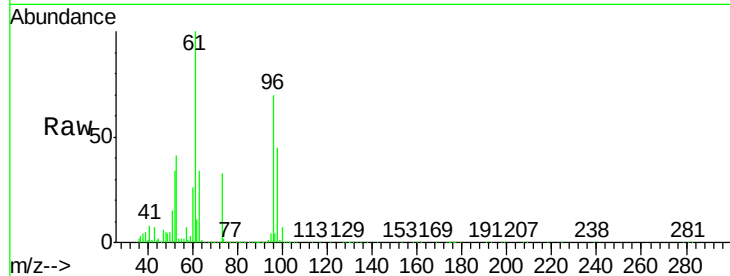
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	371323
Ion	Ratio	Lower	Upper
96	100		
61	143.5	115.4	173.0
98	65.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 52.495 ug/l

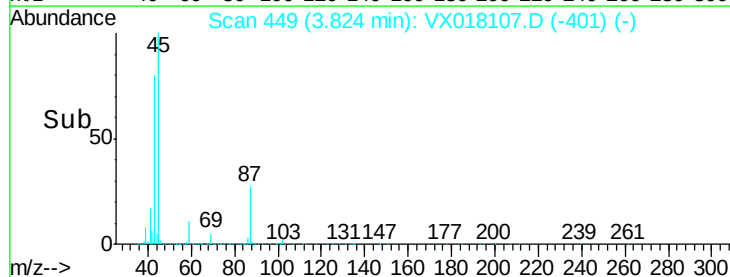
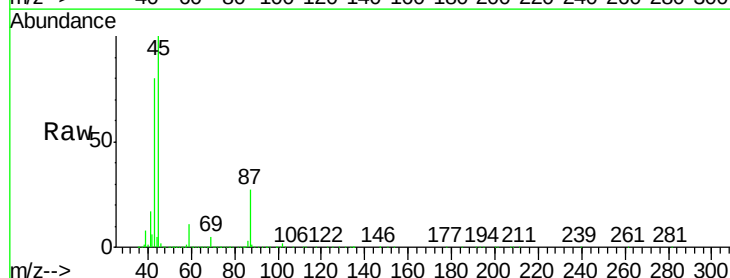
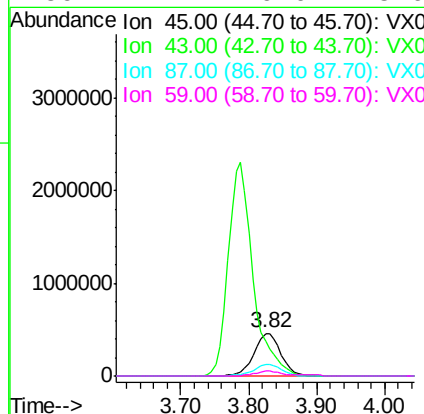
RT: 3.82 min Scan# 449

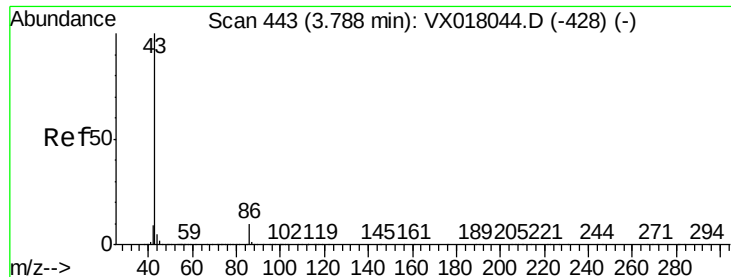
Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion:	45	Resp:	1271023
Ion	Ratio	Lower	Upper
45	100		
43	80.3	52.8	79.2#
87	26.8	22.5	33.7
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 270.213 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 5821555

Ion Ratio Lower Upper

43 100

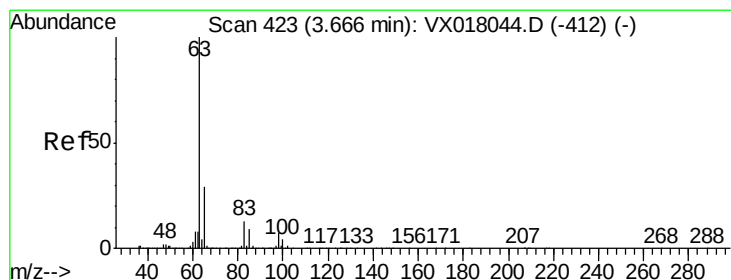
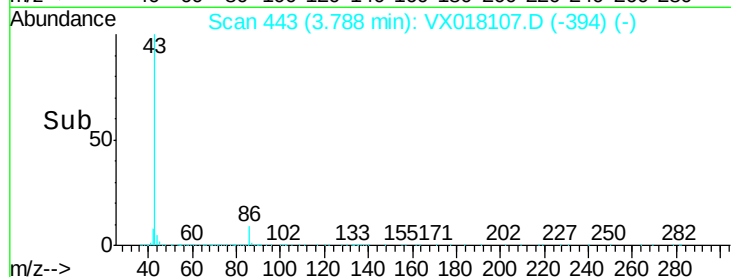
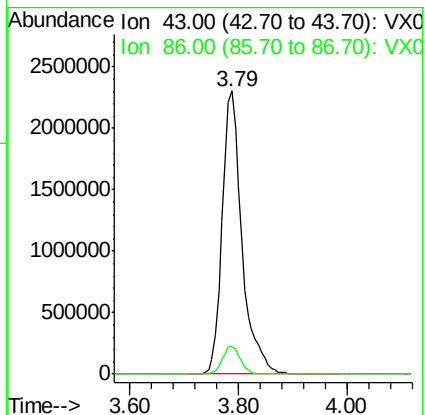
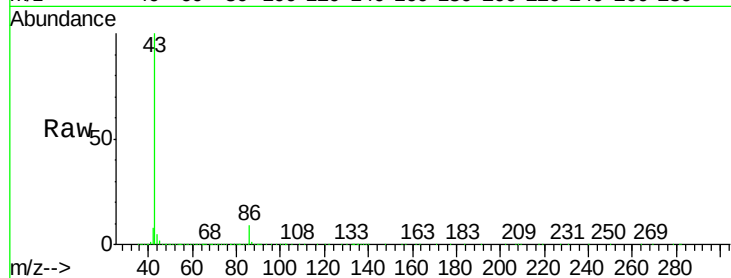
86 9.5 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.502 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

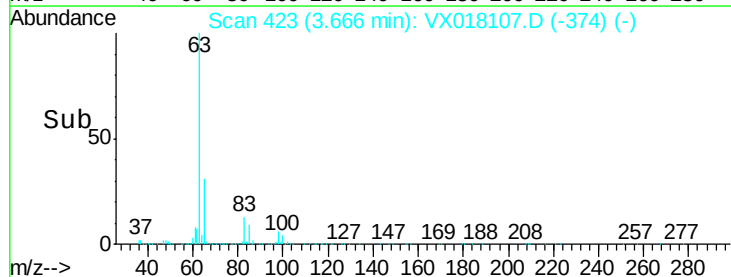
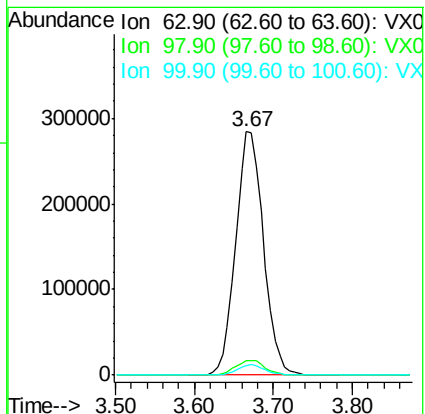
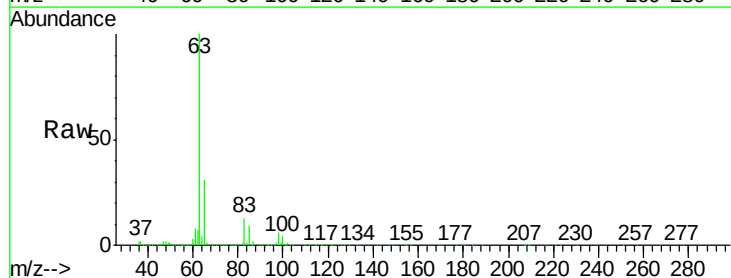
Tgt Ion: 63 Resp: 696062

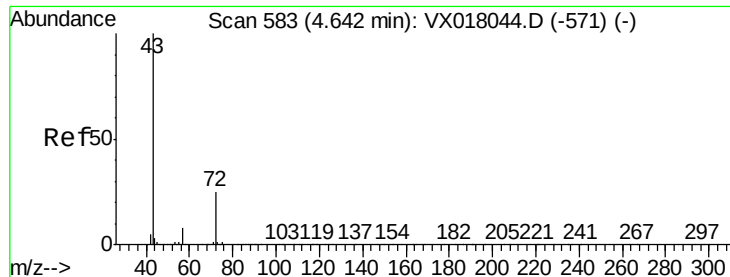
Ion Ratio Lower Upper

63 100

98 5.8 3.6 10.8

100 4.0 2.0 6.0





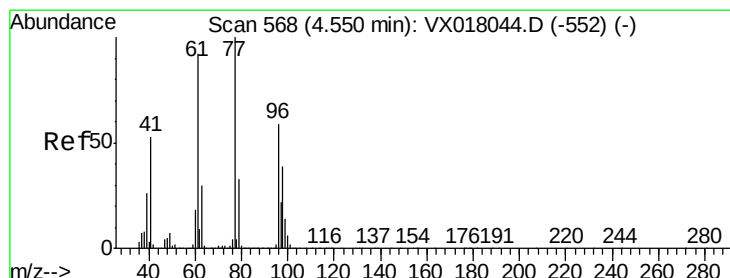
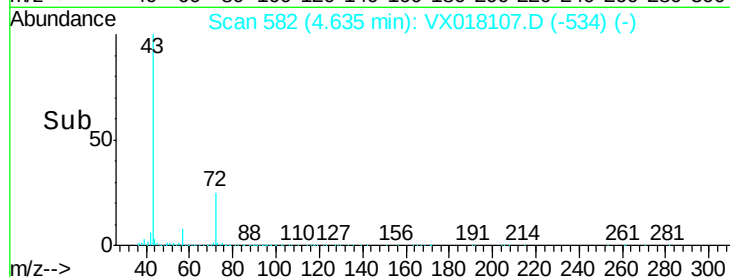
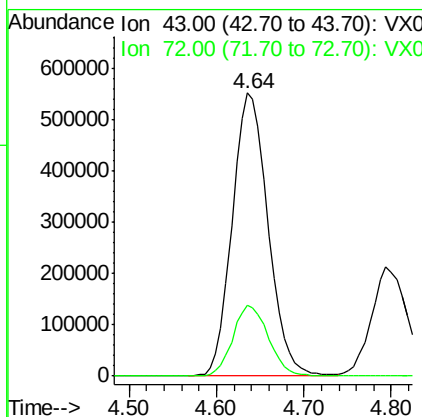
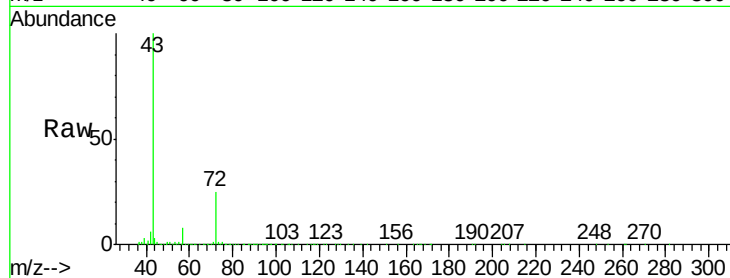
#25
2-Butanone
Concen: 252.554 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1568784
Ion Ratio Lower Upper
43 100
72 25.0 19.8 29.6

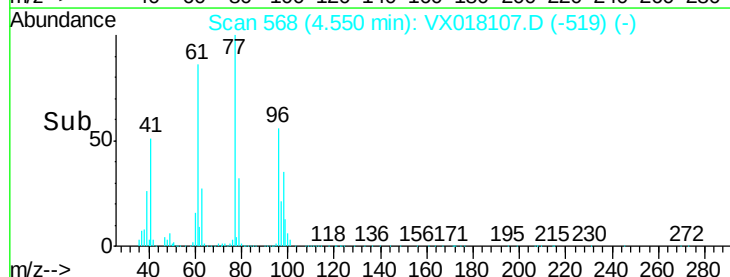
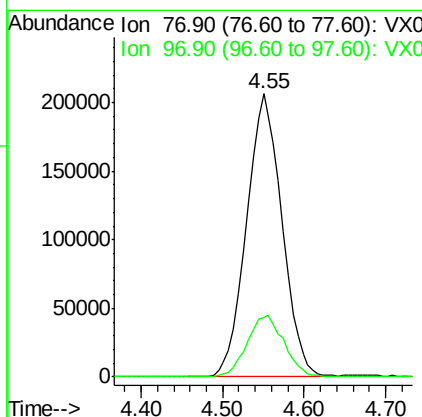
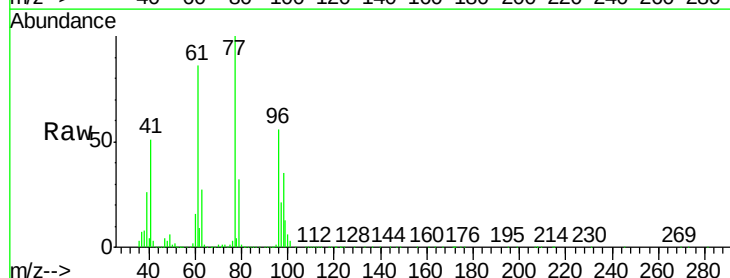
Manual Integrations
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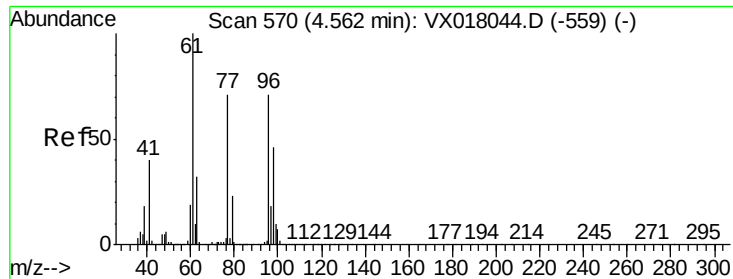
MMDadoda
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#26
2,2-Dichloropropane
Concen: 55.614 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion: 77 Resp: 623666
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5





#27

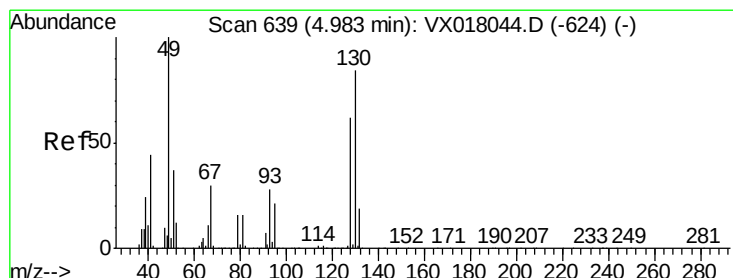
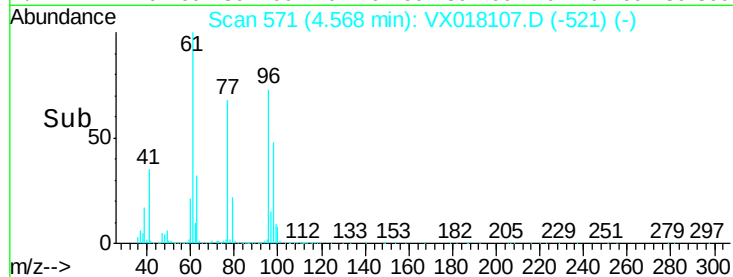
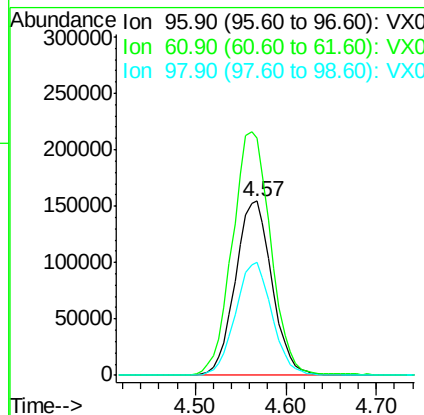
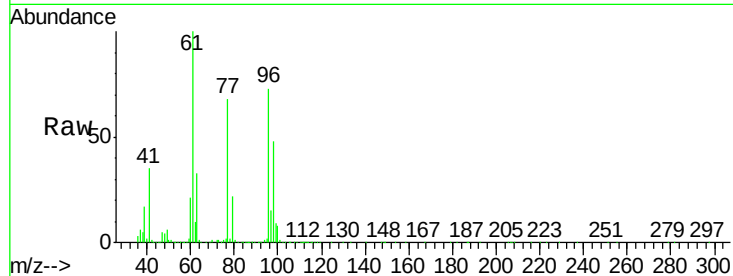
cis-1,2-Dichloroethene
Concen: 49.628 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.5	0.0	296.6	
98	64.9	0.0	130.2	

Manual Integrations
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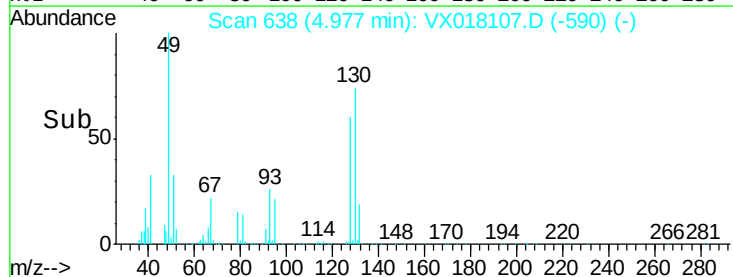
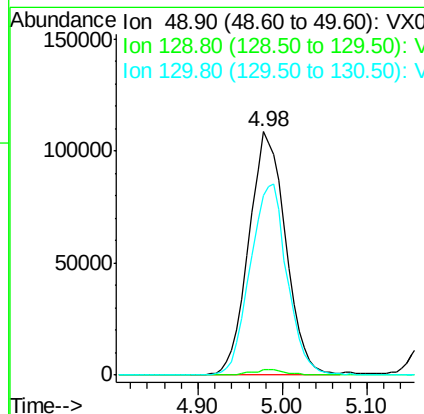
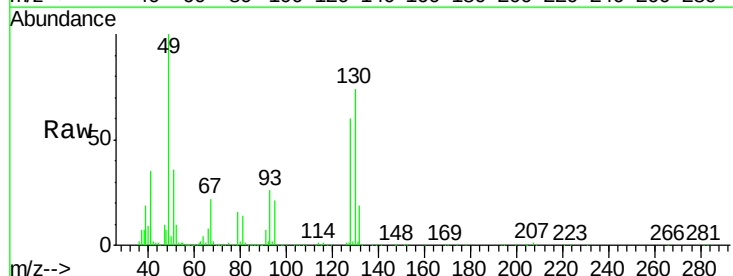
MMDadoda
8/31/2020 8:58:17 AM

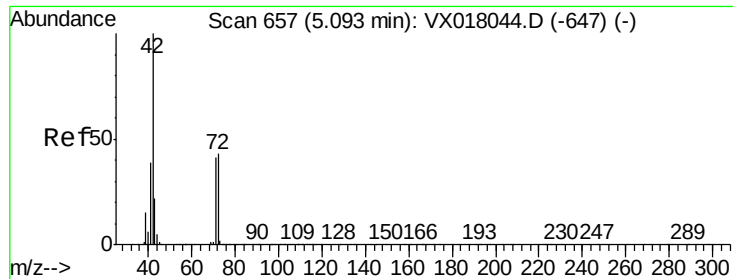


#28

Bromochloromethane
Concen: 48.399 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.6	
130	79.3	64.6	96.8	





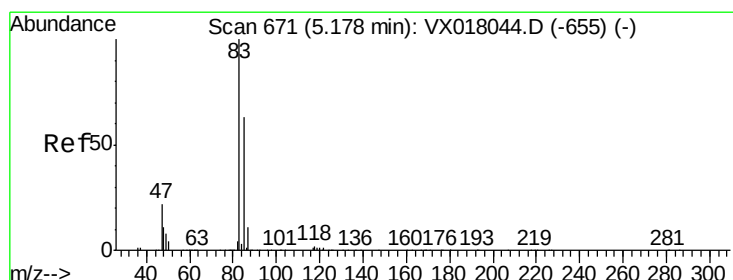
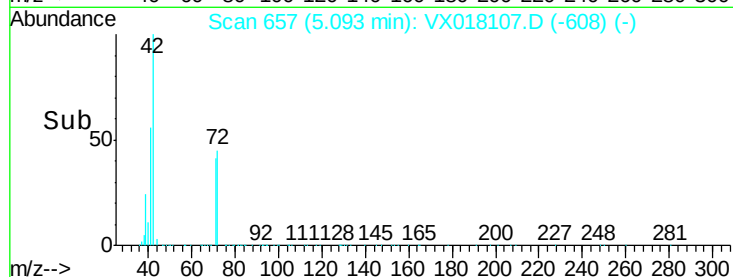
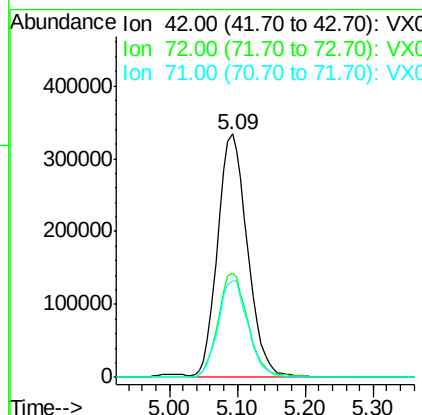
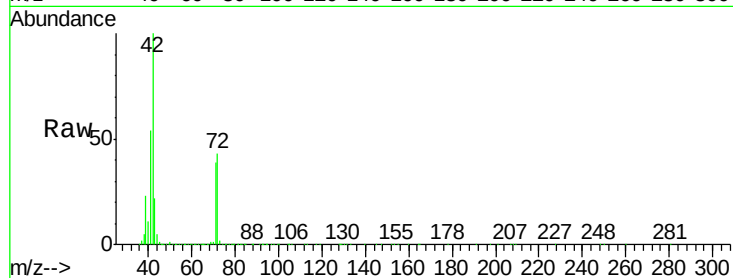
#29
Tetrahydrofuran
Concen: 256.677 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.2	51.4
71	40.0	32.1	48.1

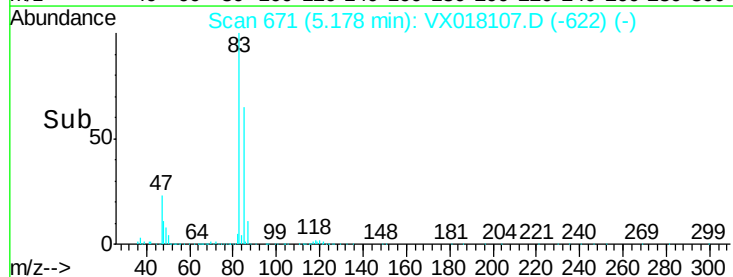
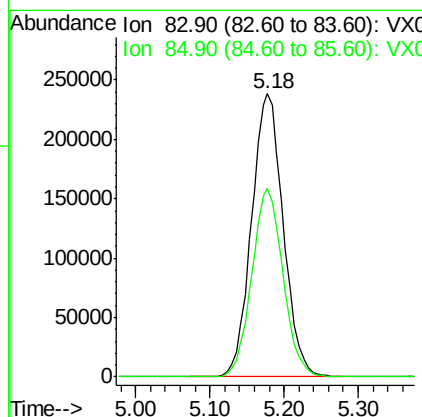
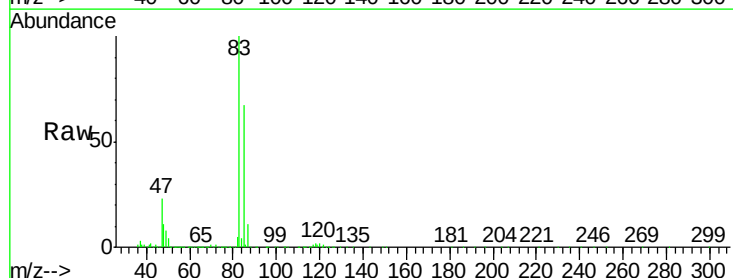
Manual Integrations
APPROVED

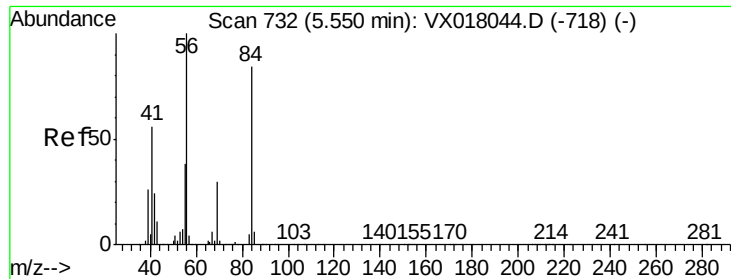
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8/31/2020 8:58:17 AM



#30
Chloroform
Concen: 49.675 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.7	76.1





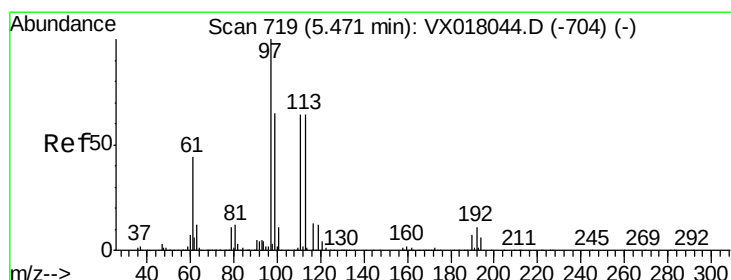
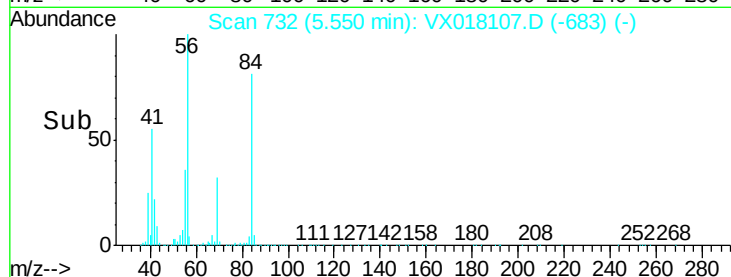
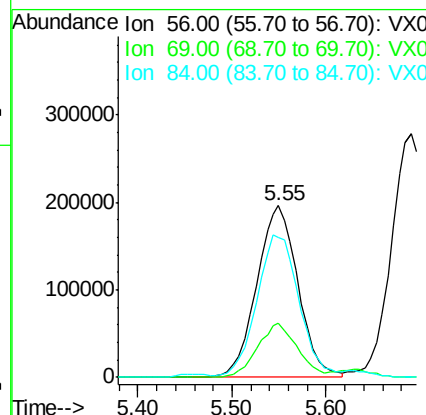
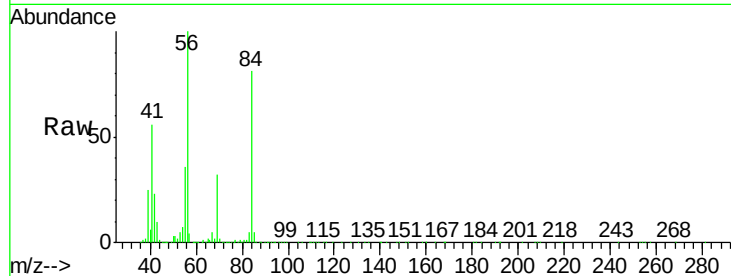
#31
Cyclohexane
Concen: 51.530 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.9	35.9
84	79.4	67.0	100.4

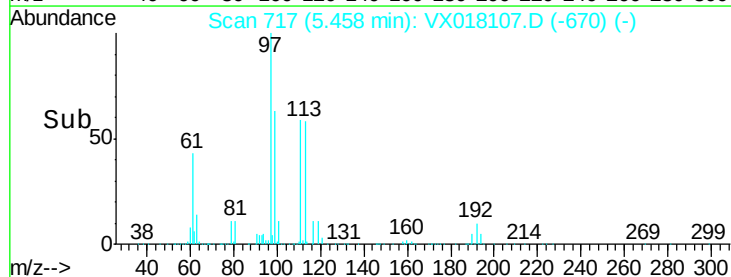
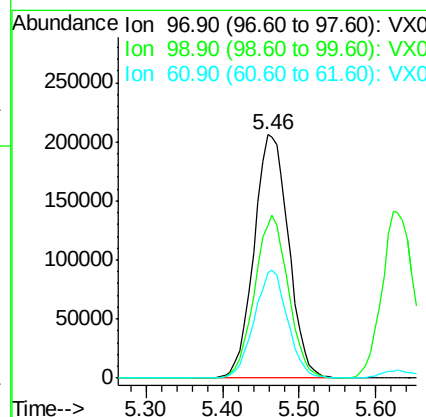
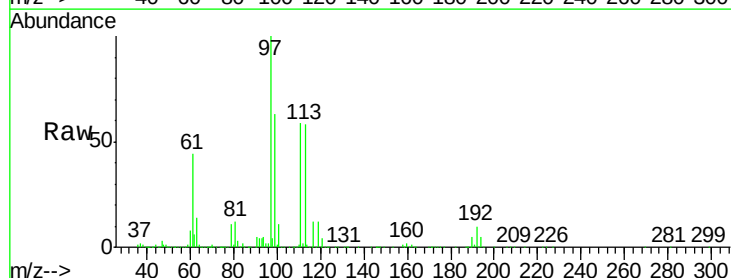
Manual Integrations
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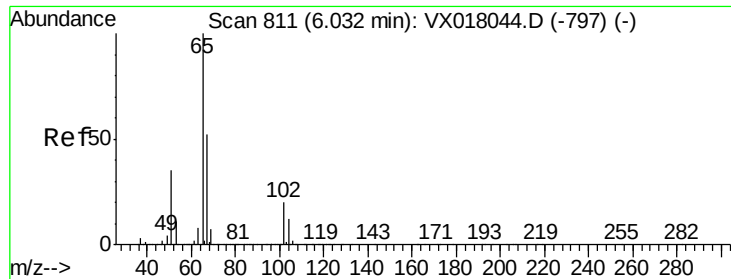
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#32
1,1,1-Trichloroethane
Concen: 49.424 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	43.0	34.2	51.4





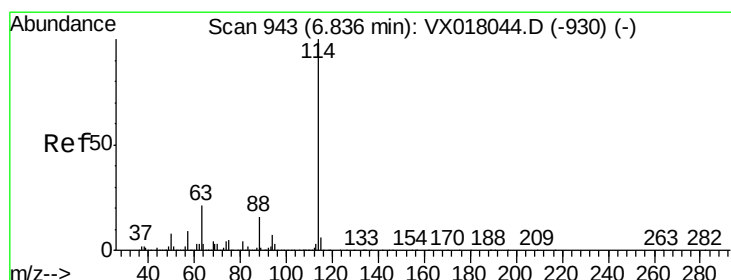
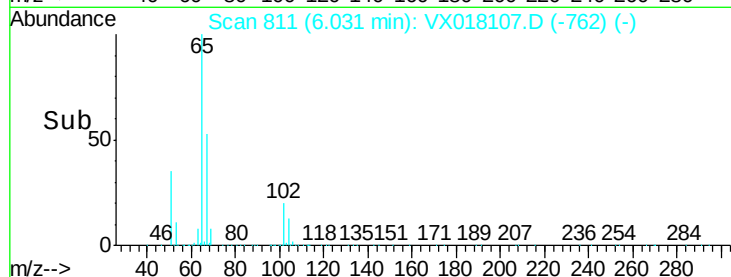
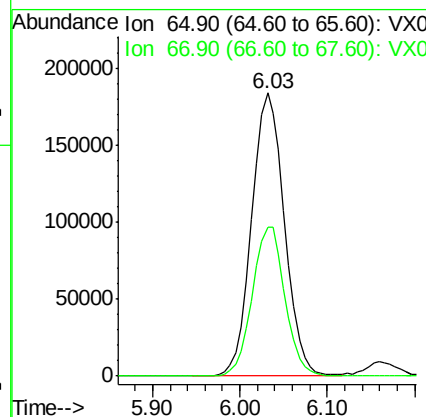
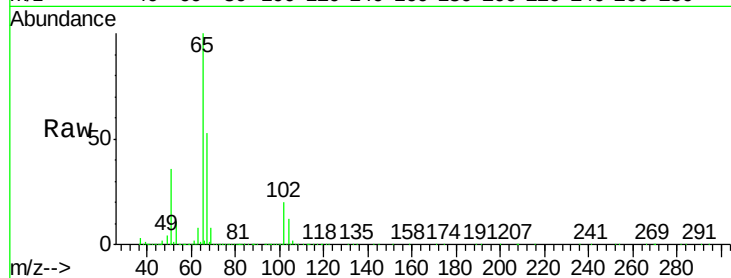
#33
 1,2-Dichloroethane-d4
 Concen: 49.291 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8

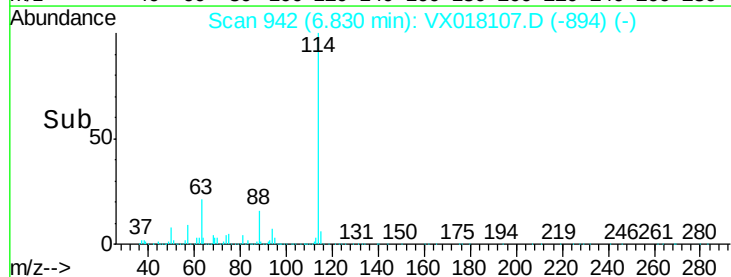
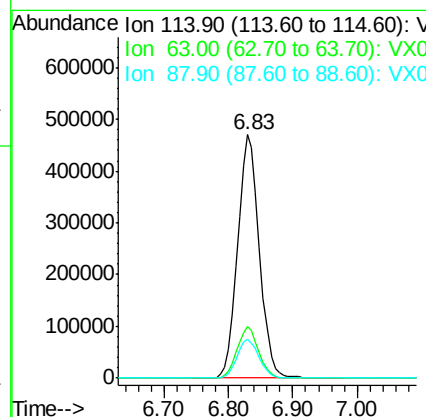
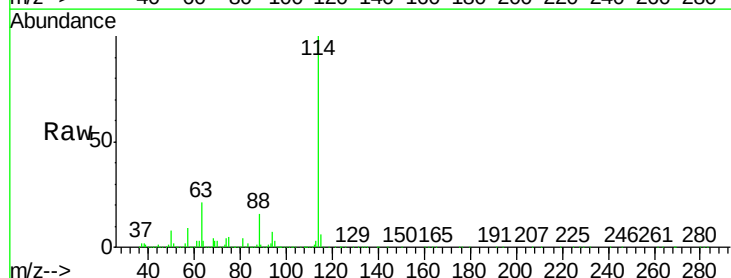
Manual Integrations
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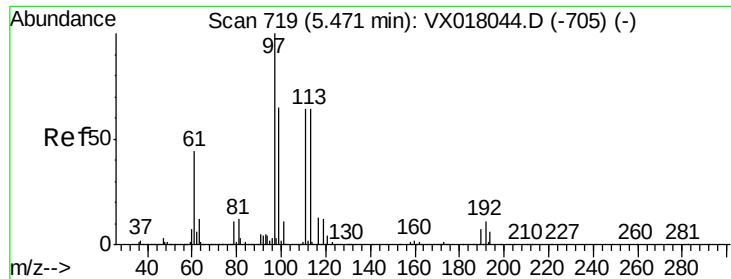
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	15.7	0.0	31.8





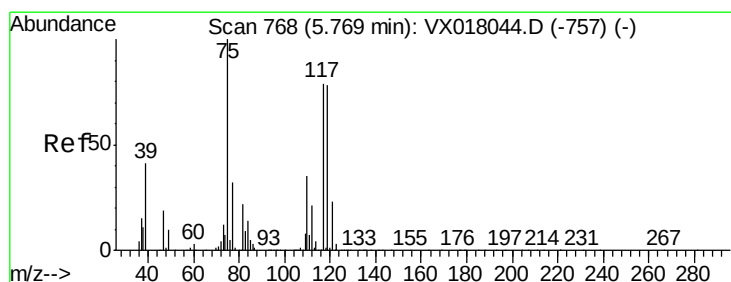
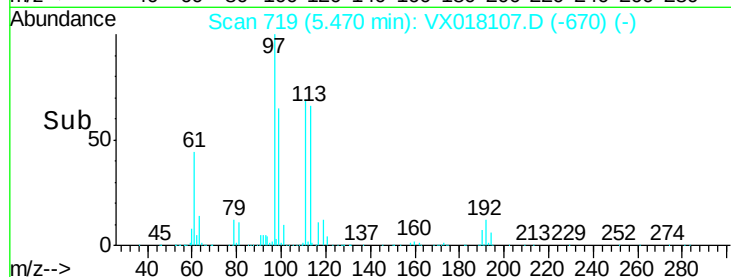
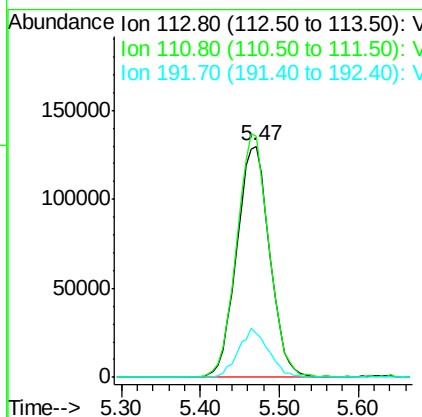
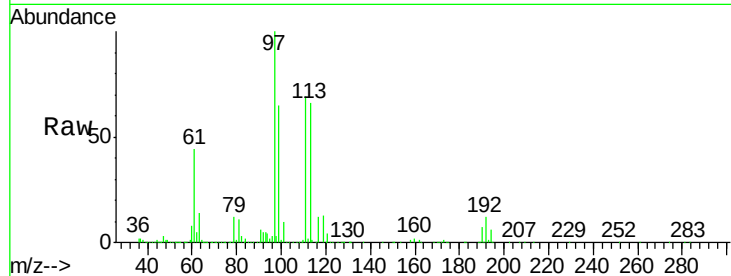
#35
 Dibromofluoromethane
 Concen: 50.382 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	377644		
111	102.9		81.6	122.4
192	19.6		15.8	23.8

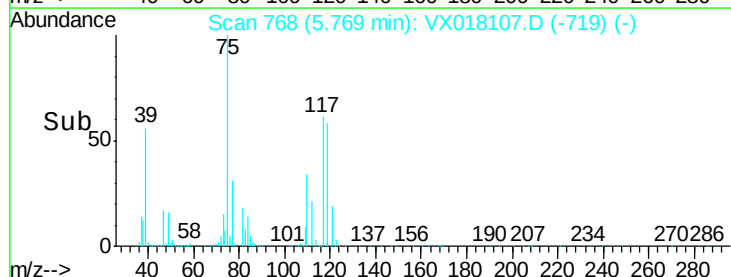
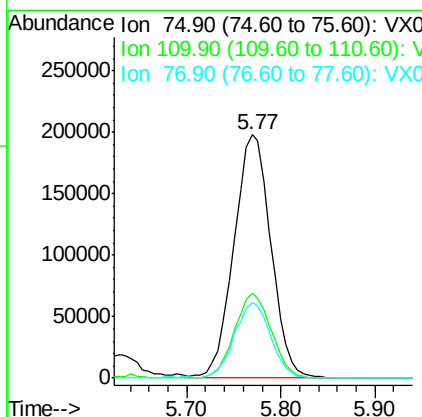
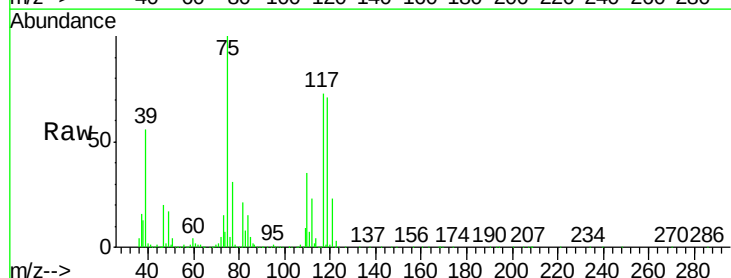
Manual Integrations
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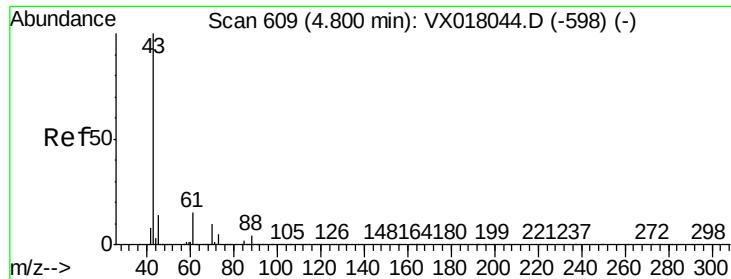
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#36
 1,1-Dichloropropene
 Concen: 52.943 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	537450		
110	34.9		18.0	54.0
77	30.5		24.4	36.6





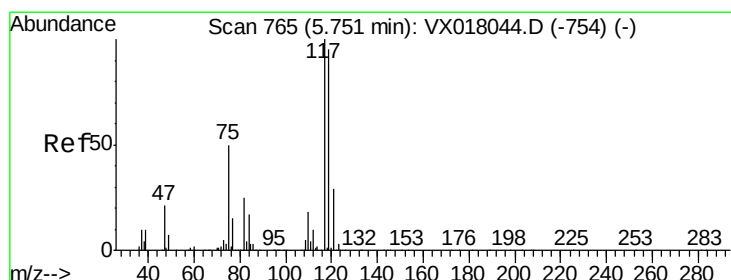
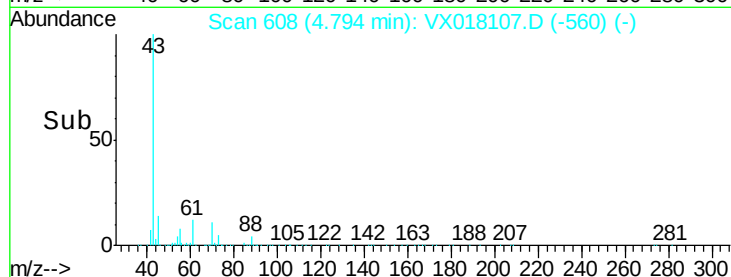
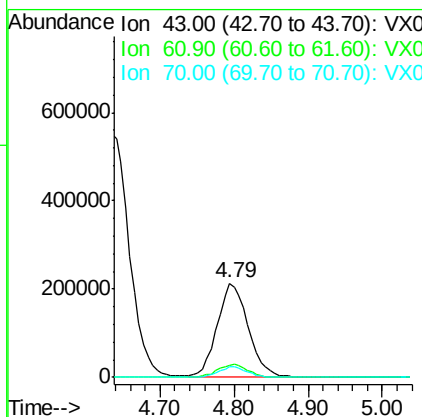
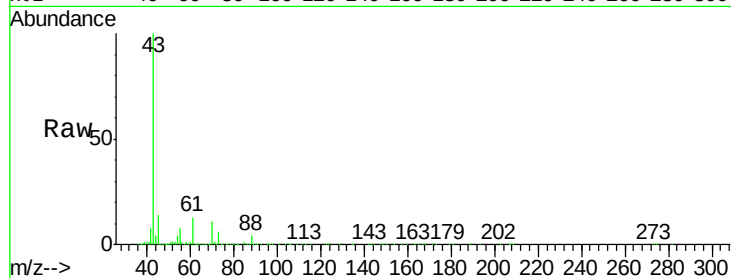
#37
Ethyl Acetate
Concen: 52.244 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	615968
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.4	8.2	12.4

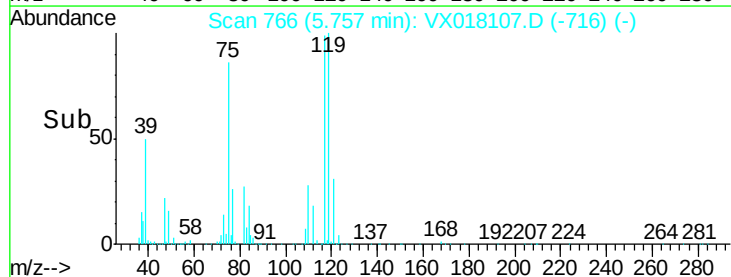
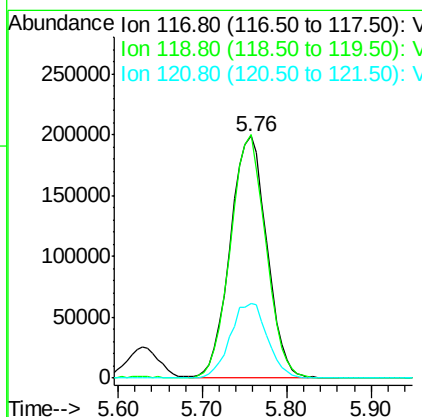
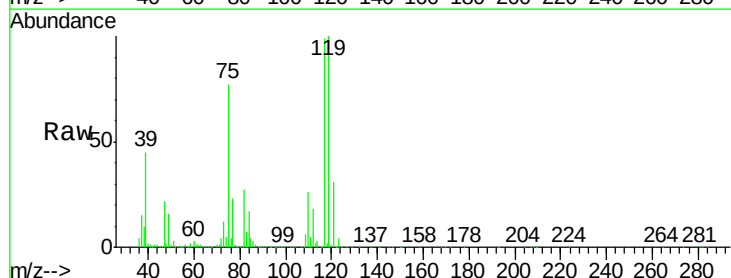
Manual Integrations
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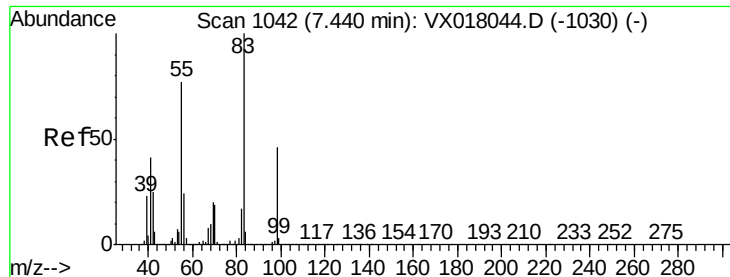
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#38
Carbon Tetrachloride
Concen: 51.027 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion:	117	Resp:	583759
Ion	Ratio	Lower	Upper
117	100		
119	100.5	75.8	113.6
121	30.7	23.4	35.0





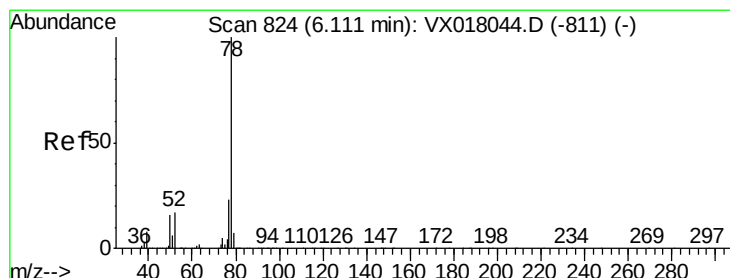
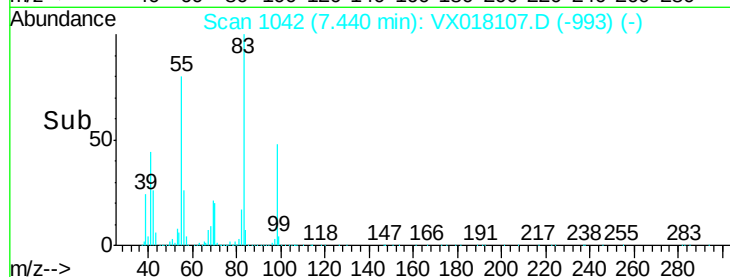
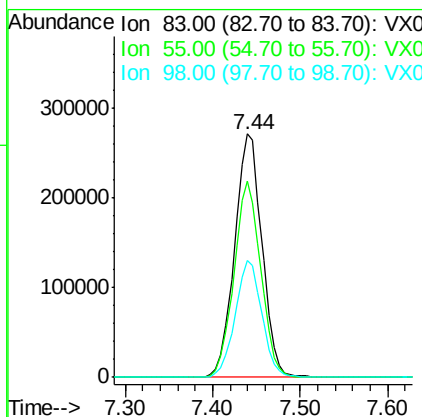
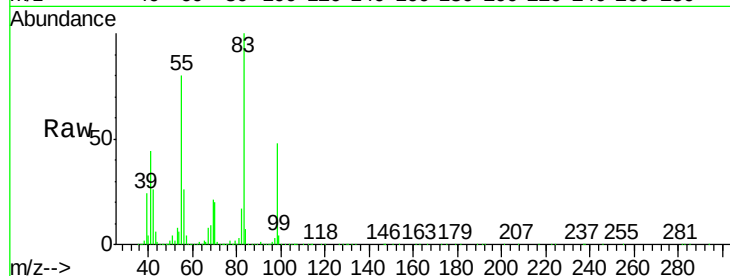
#39
Methylvlcyclohexane
Concen: 53.139 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	61.8	92.6
98	47.8	36.6	55.0

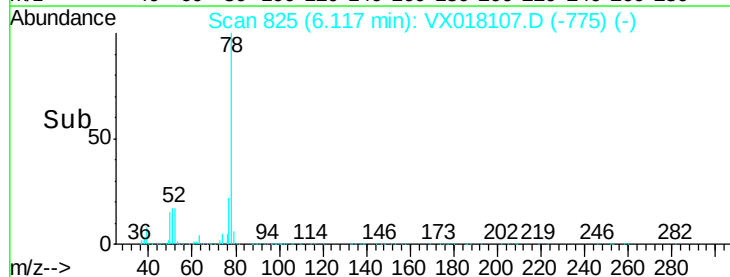
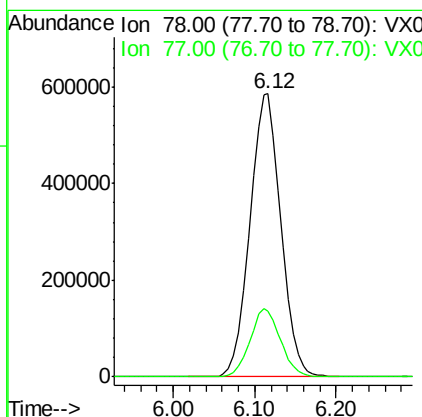
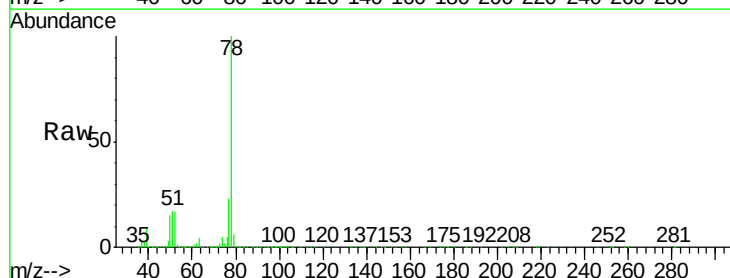
Manual Integrations
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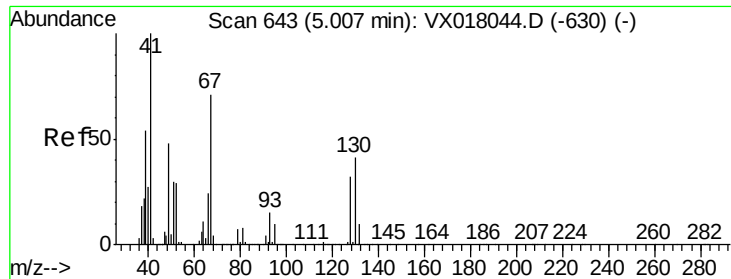
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#40
Benzene
Concen: 51.838 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2





#41

Methacrylonitrile

Concen: 52.661 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

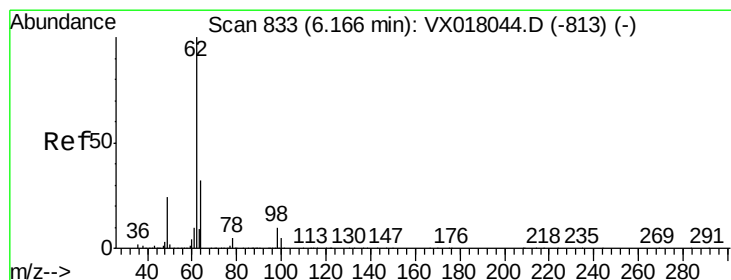
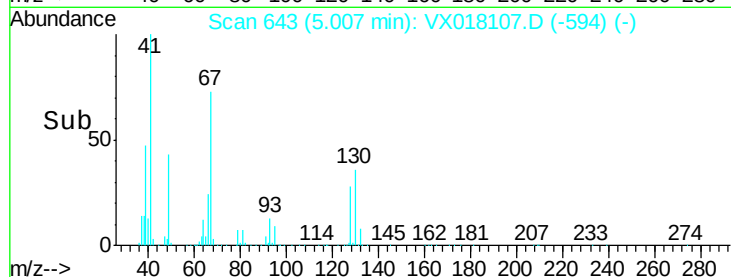
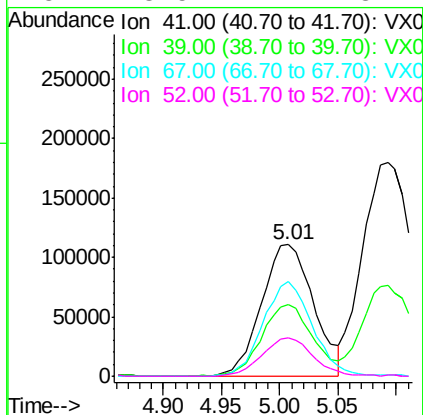
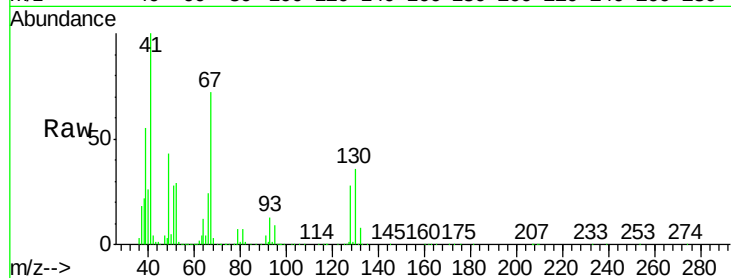
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		340914		
39	53.9	43.1	64.7		
67	68.4	56.0	84.0		
52	28.5	22.7	34.1		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.423 ug/l

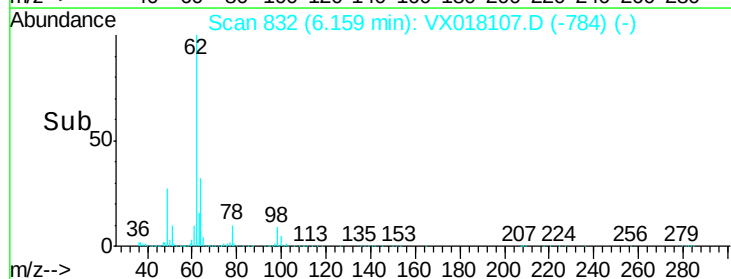
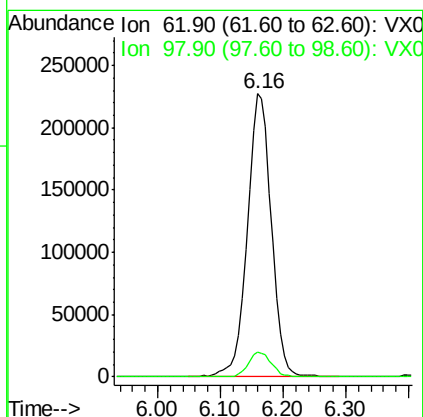
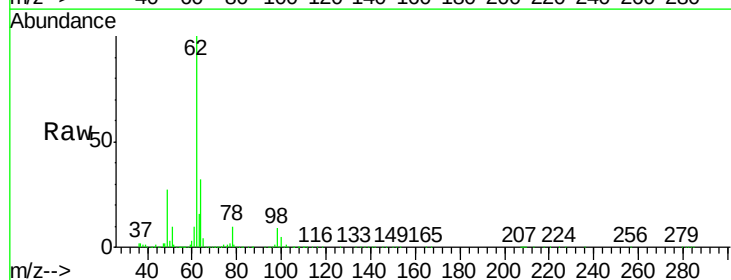
RT: 6.16 min Scan# 832

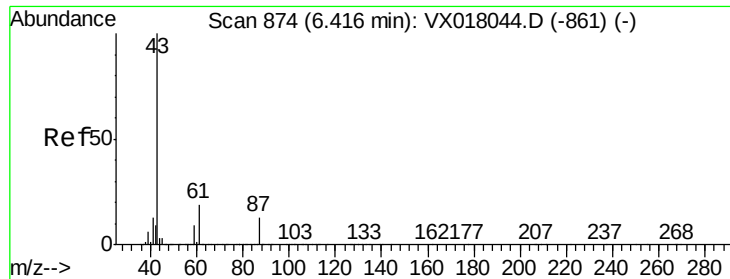
Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		599118		
98	8.6	0.0	18.2		





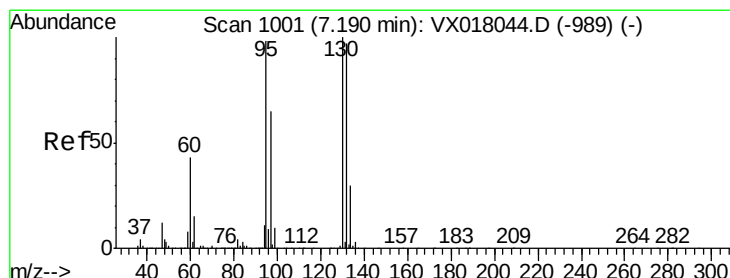
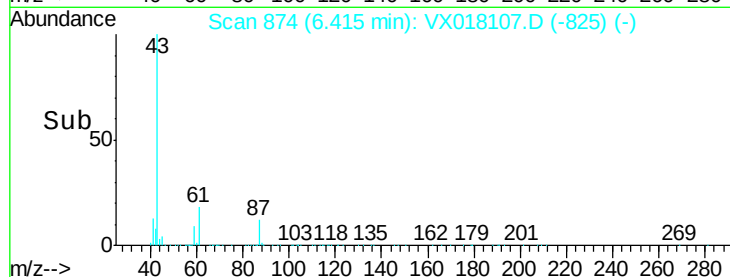
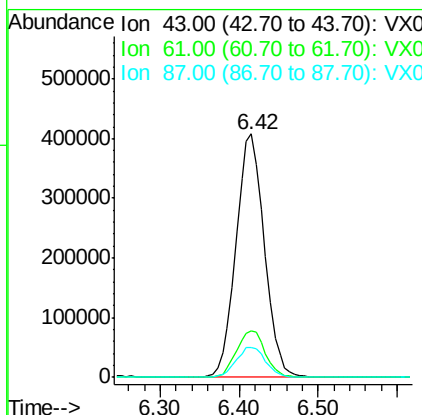
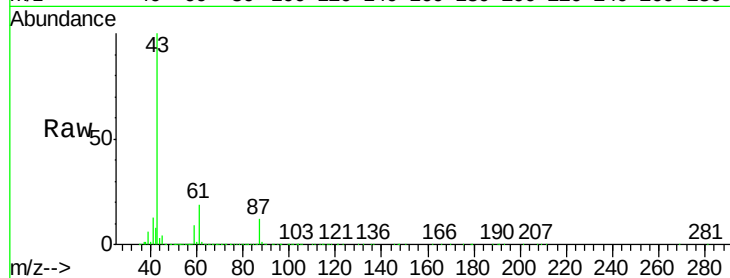
#43
Isopropyl Acetate
Concen: 53.342 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.0	10.3	15.5

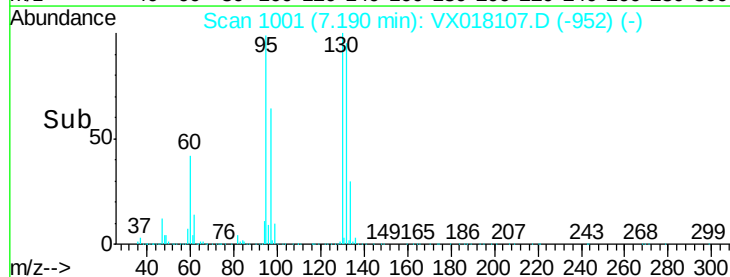
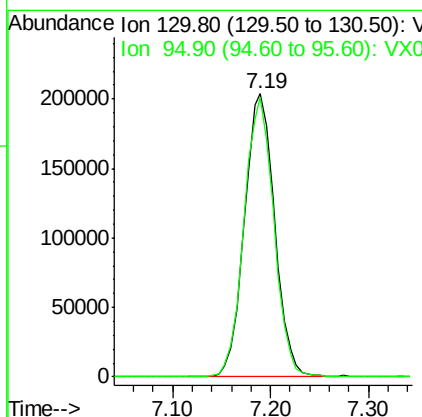
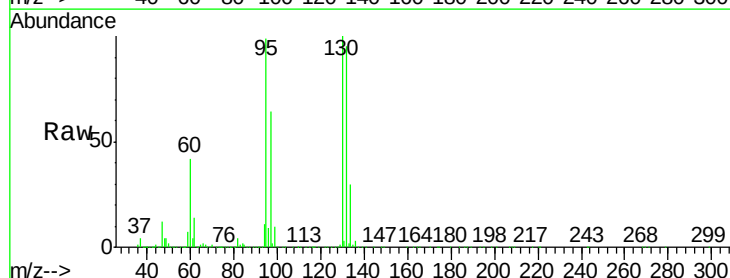
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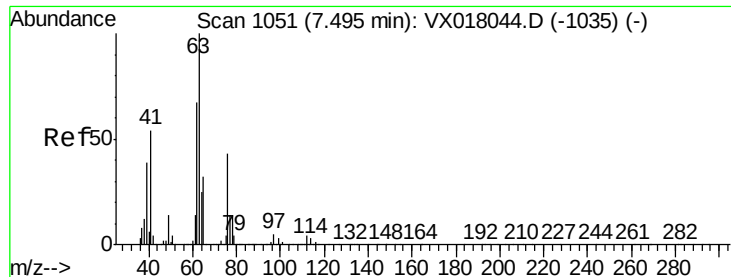
MMDadoda
8/31/2020 8:58:17 AM



#44
Trichloroethene
Concen: 51.750 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	196.4





#45

1,2-Dichloropropane

Concen: 52.722 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 423850

Ion Ratio Lower Upper

63 100

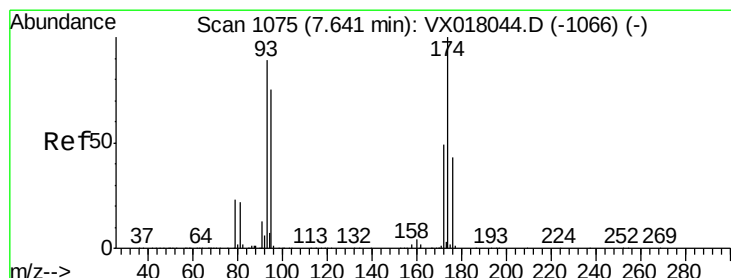
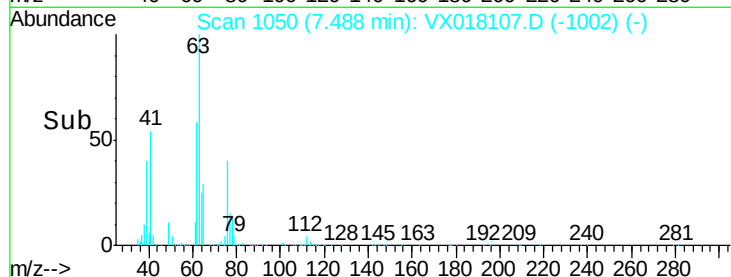
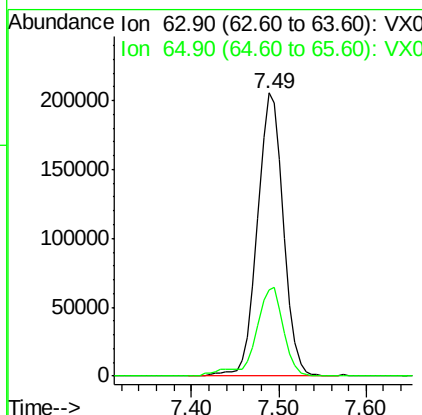
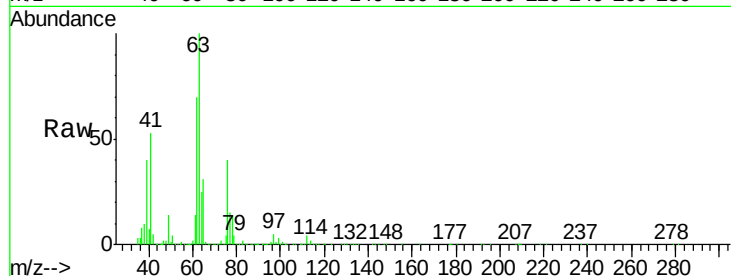
65 30.4 25.7 38.5

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#46

Dibromomethane

Concen: 50.888 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

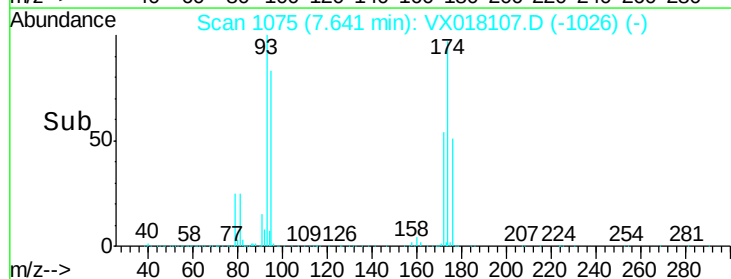
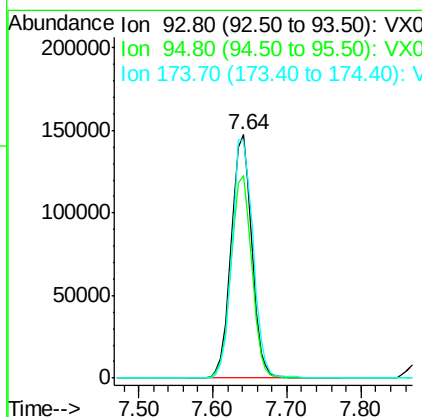
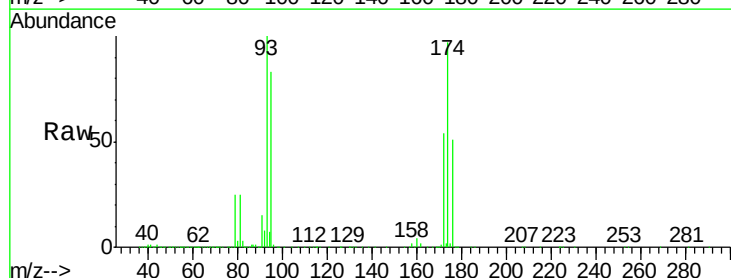
Tgt Ion: 93 Resp: 287688

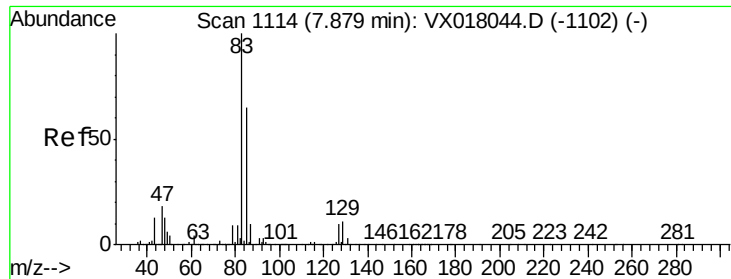
Ion Ratio Lower Upper

93 100

95 83.7 67.3 100.9

174 100.8 82.2 123.2





#47

Bromodichloromethane

Concen: 52.694 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

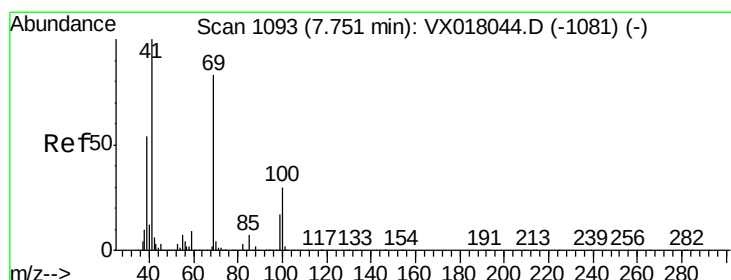
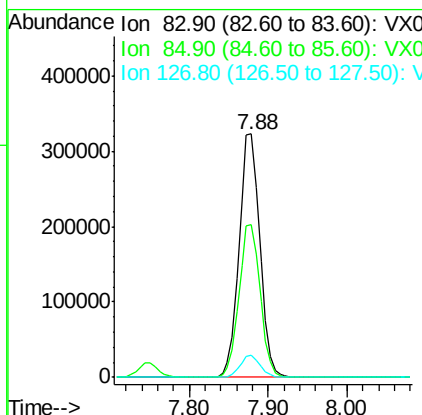
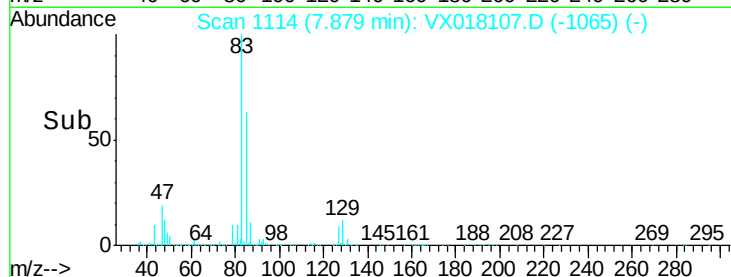
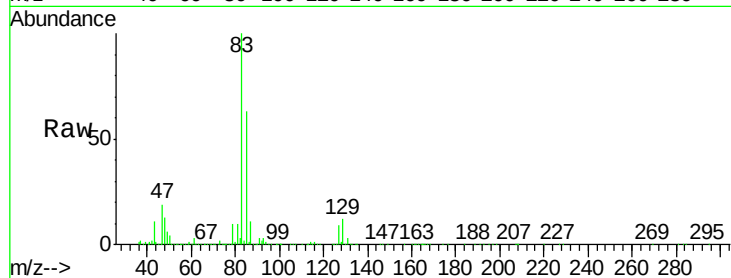
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	594816
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.862 ug/l

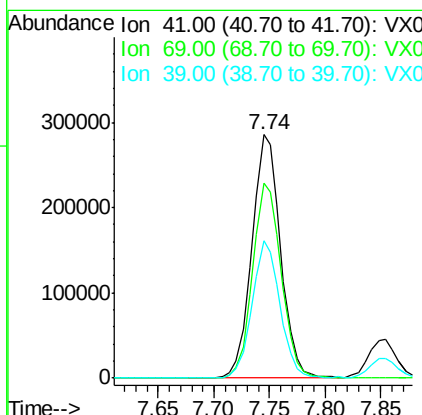
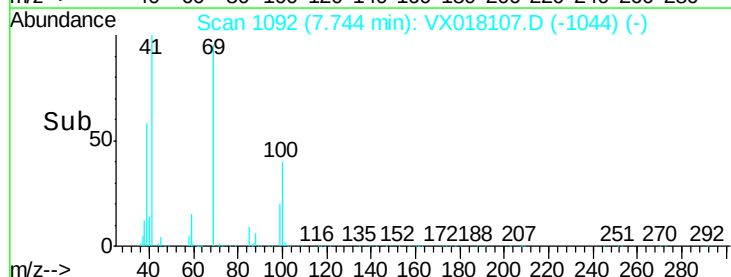
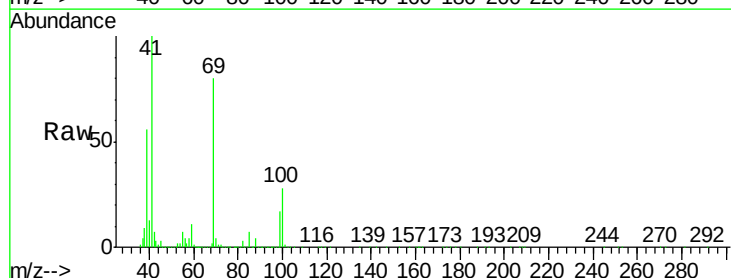
RT: 7.74 min Scan# 1092

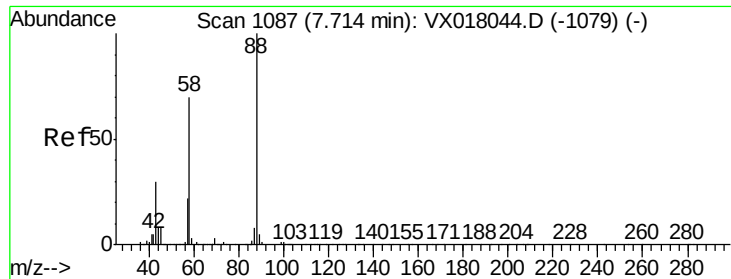
Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion:	41	Resp:	510611
Ion Ratio	Lower	Upper	
41	100		
69	80.3	65.5	98.3
39	54.5	44.5	66.7





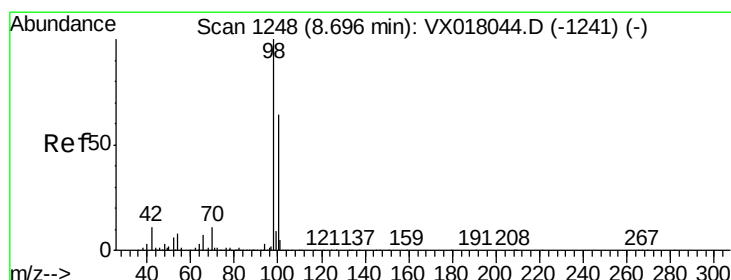
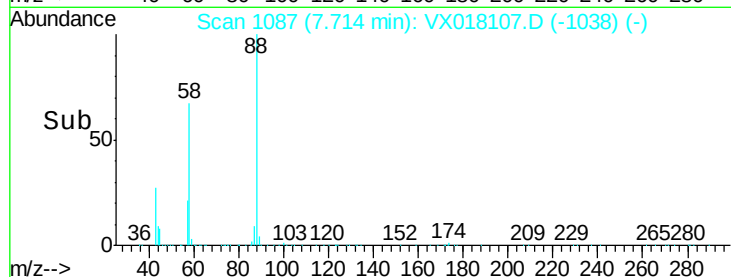
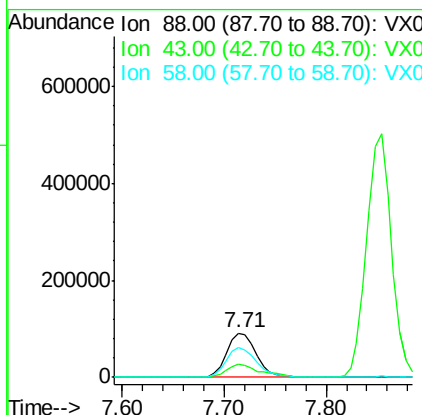
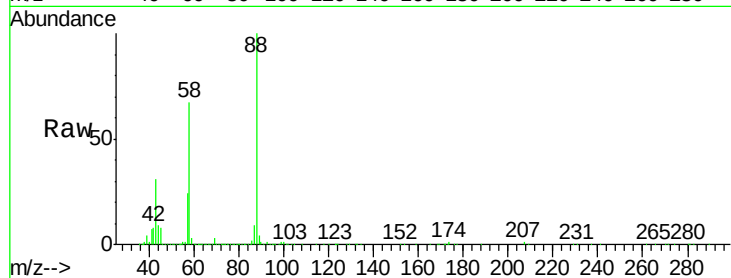
#49
1,4-Dioxane
Concen: 1067.555 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.4	41.0
58	69.5	56.4	84.6

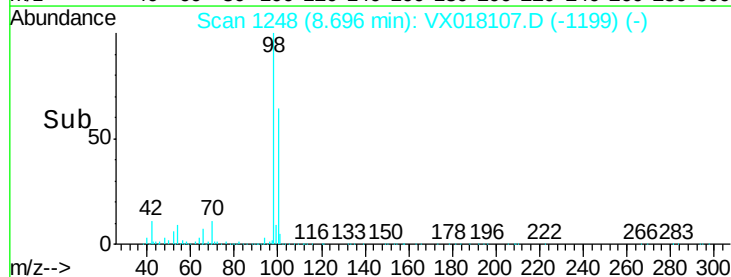
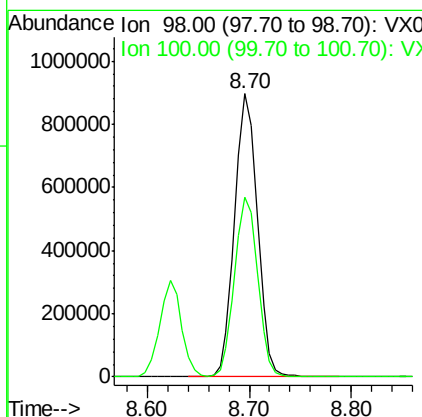
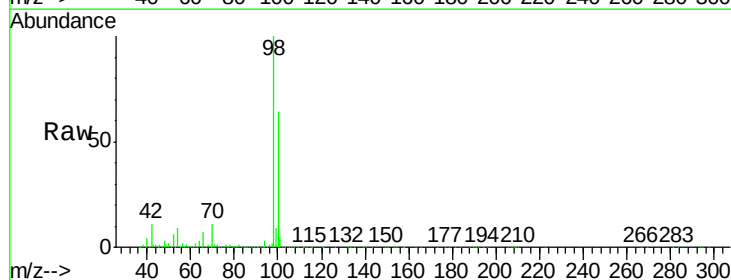
Manual Integrations
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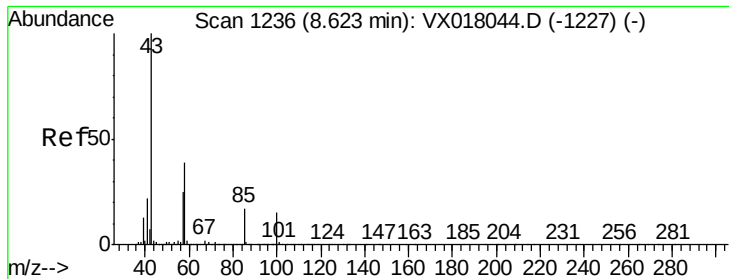
MMDadoda
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#50
Toluene-d8
Concen: 49.773 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.4





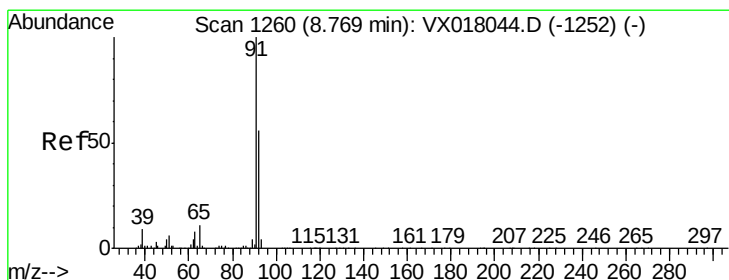
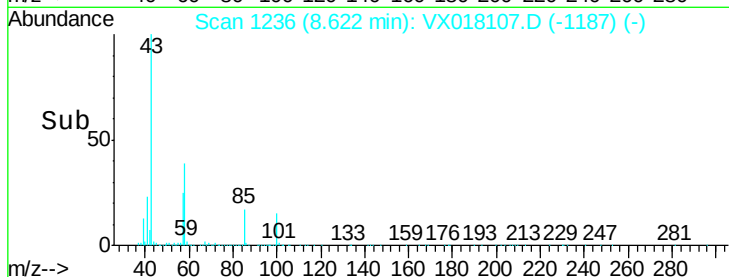
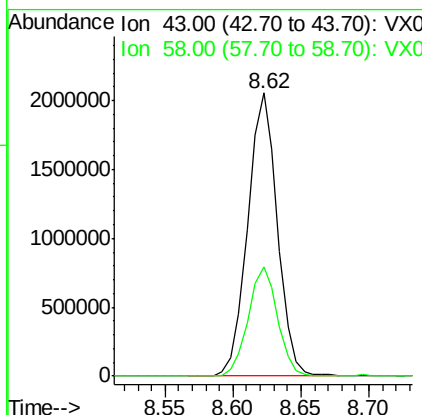
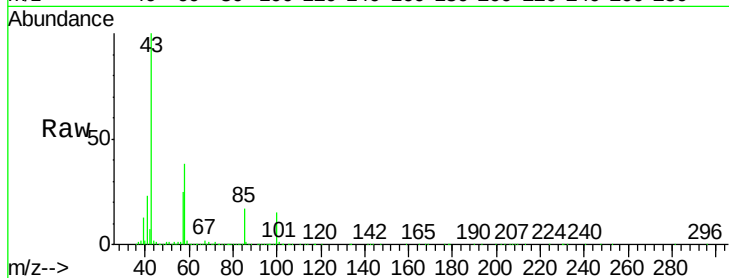
#51
 4-Methyl-2-Pentanone
 Concen: 266.401 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 3133757
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.7 46.1

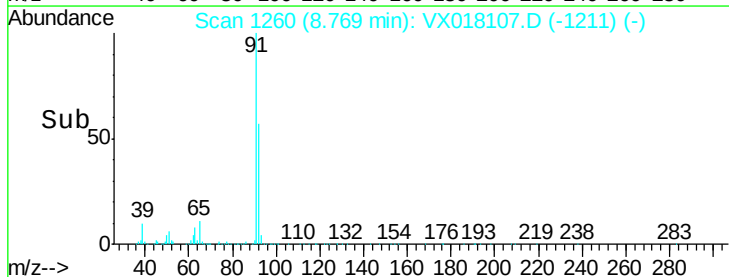
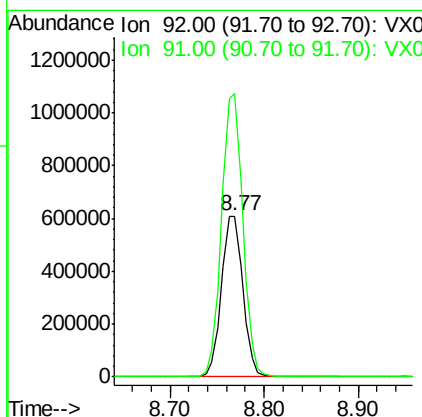
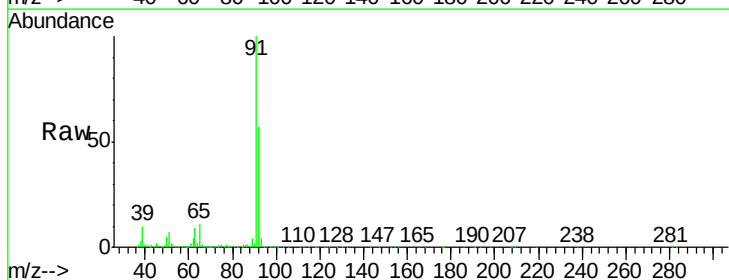
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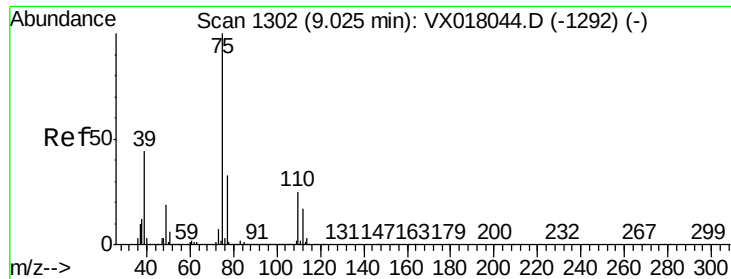
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#52
 Toluene
 Concen: 50.796 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion: 92 Resp: 960777
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.3 210.5





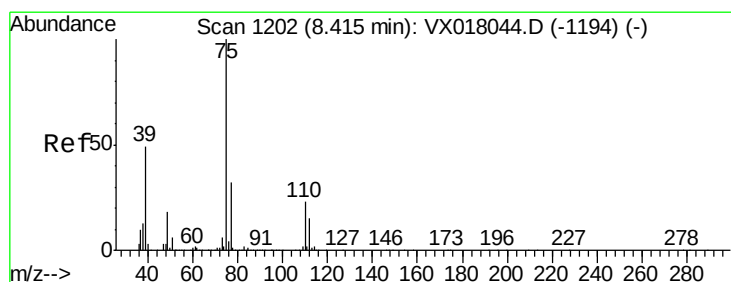
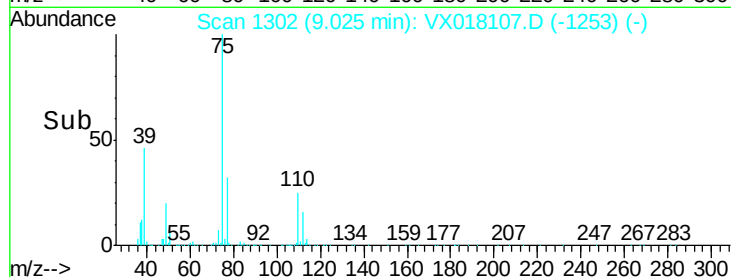
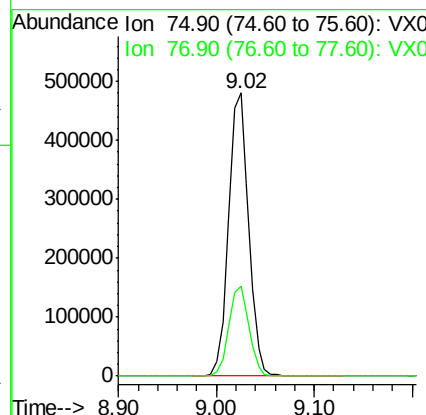
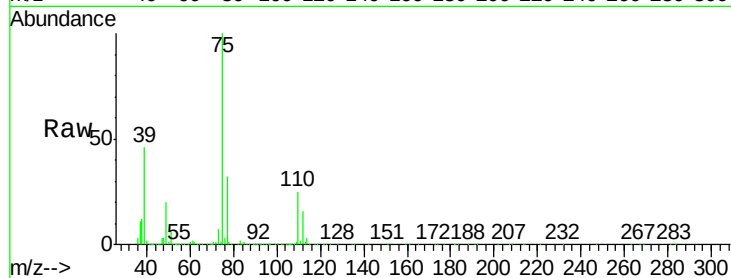
#53
t-1,3-Dichloropropene
Concen: 54.391 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.6	39.8

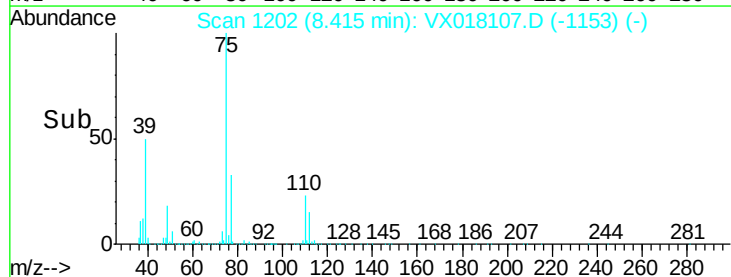
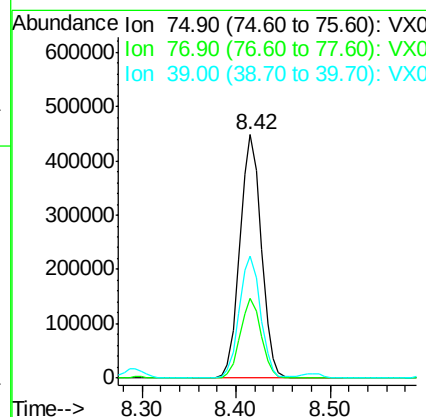
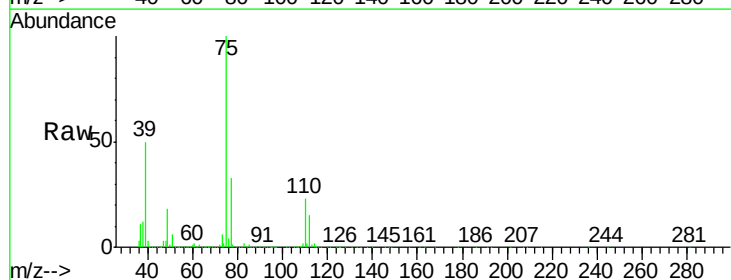
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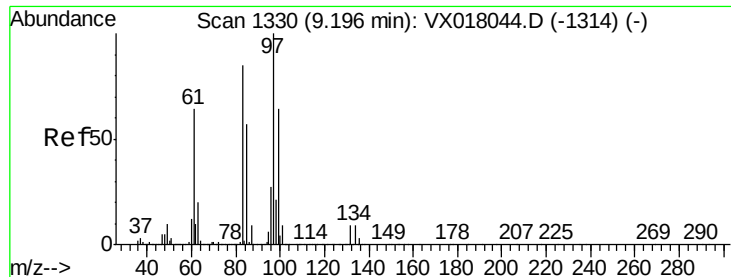
MMDadoda
8/31/2020 8:58:17 AM



#54
cis-1,3-Dichloropropene
Concen: 53.364 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.8
39	50.0	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 50.833 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

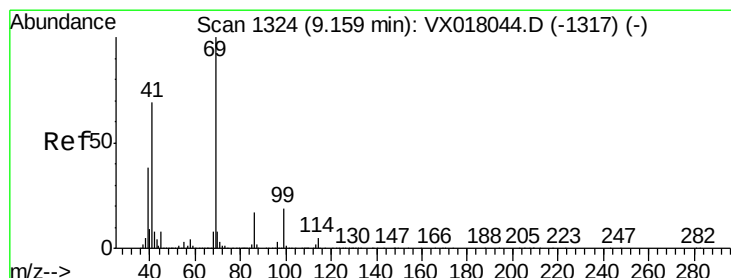
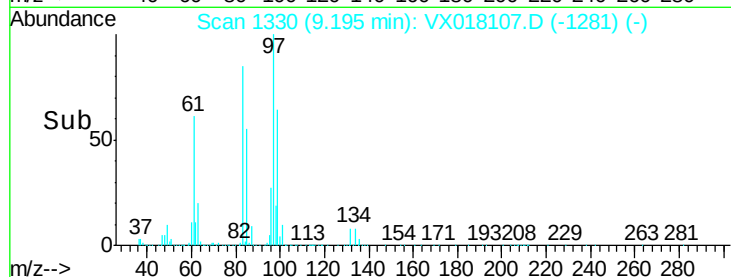
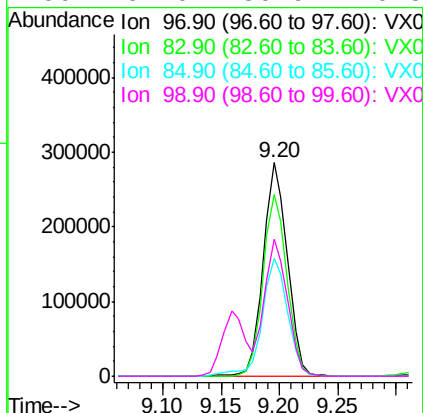
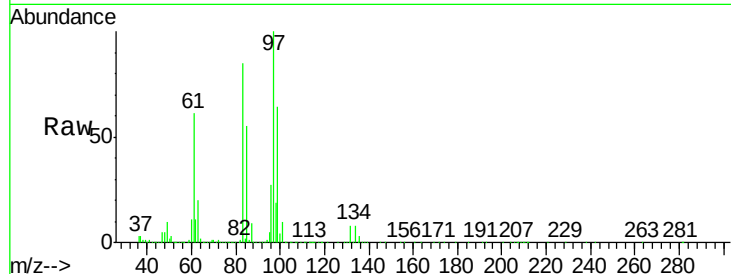
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	410063
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.8	101.6
85	55.3	45.3	67.9
99	64.0	50.9	76.3

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#56

Ethyl methacrylate

Concen: 53.844 ug/l

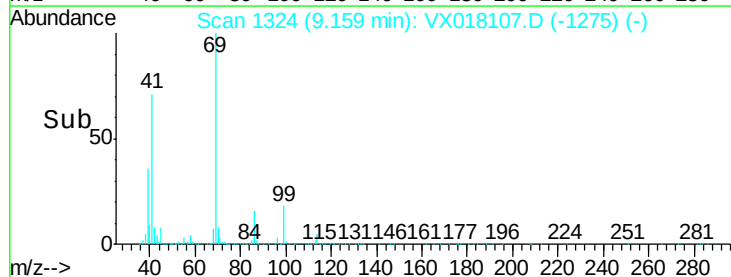
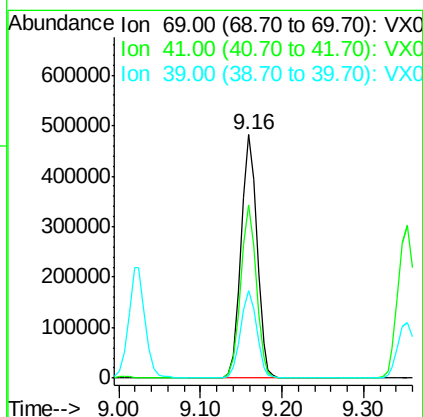
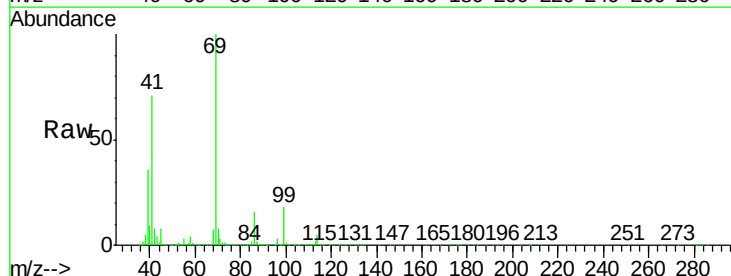
RT: 9.16 min Scan# 1324

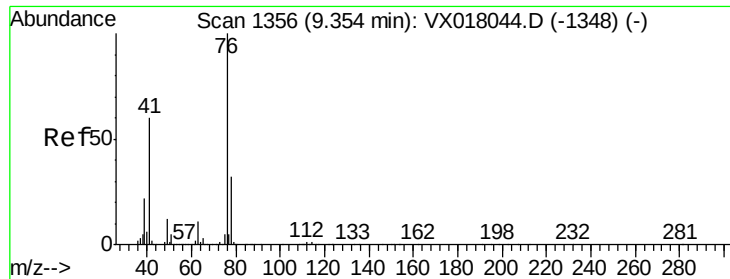
Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion:	69	Resp:	645708
Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.6	81.8
39	36.4	29.1	43.7





#57

1,3-Dichloropropane

Concen: 51.564 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 686059

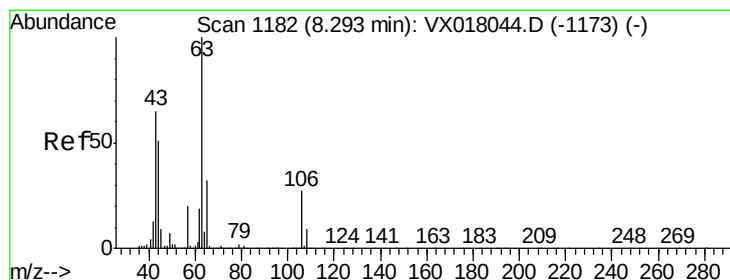
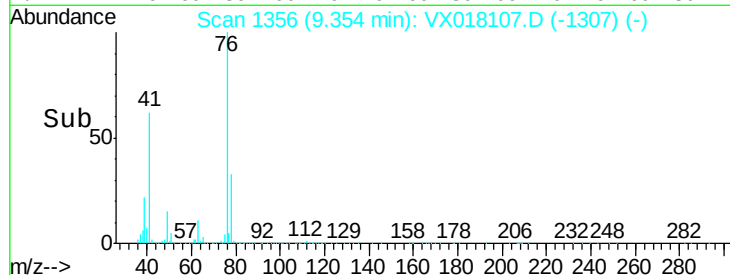
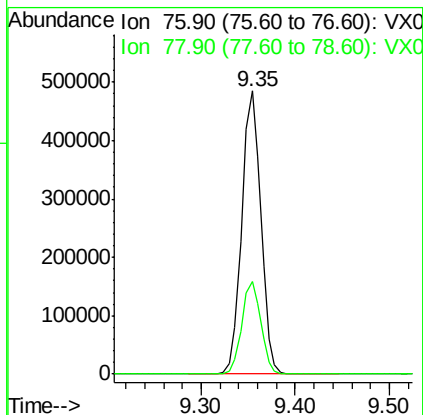
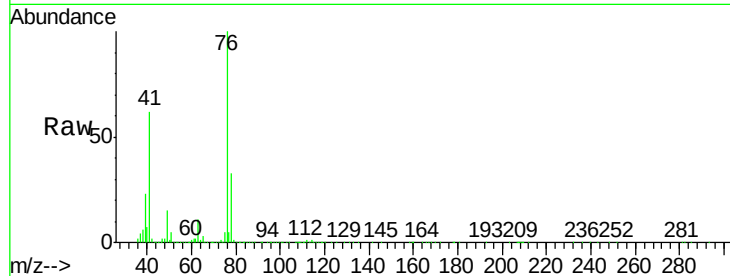
Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 252.781 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018107.D

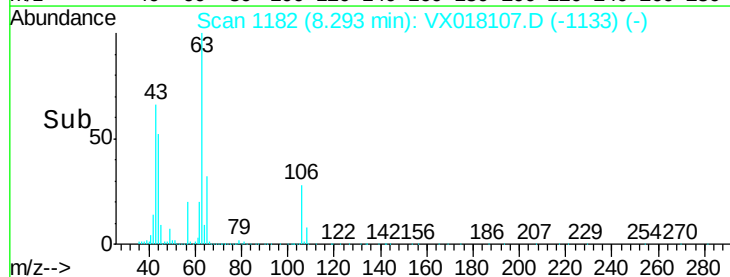
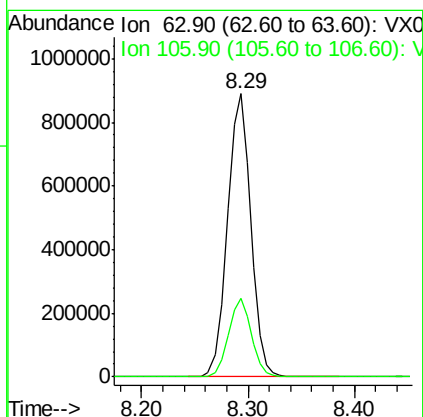
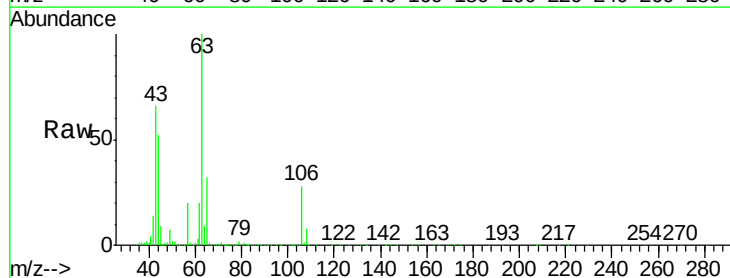
Acq: 28 Aug 2020 10:01

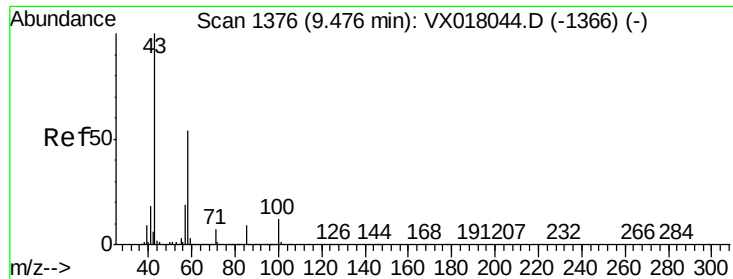
Tgt Ion: 63 Resp: 1363666

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1





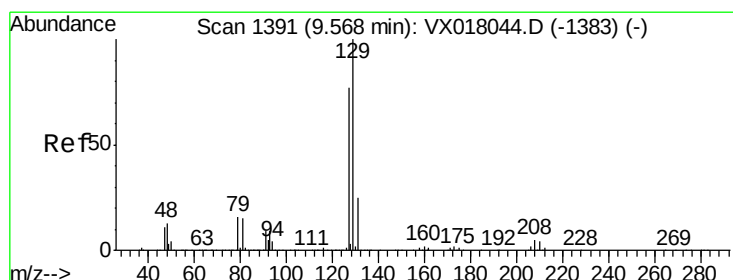
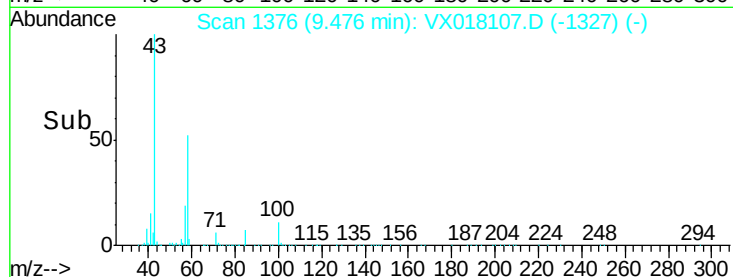
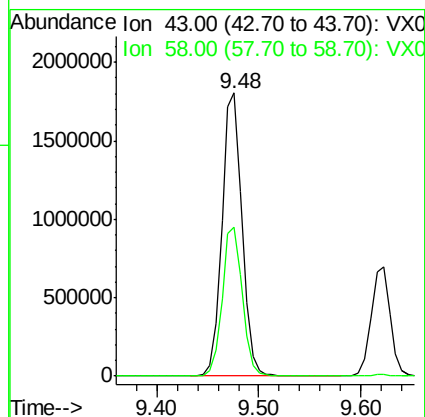
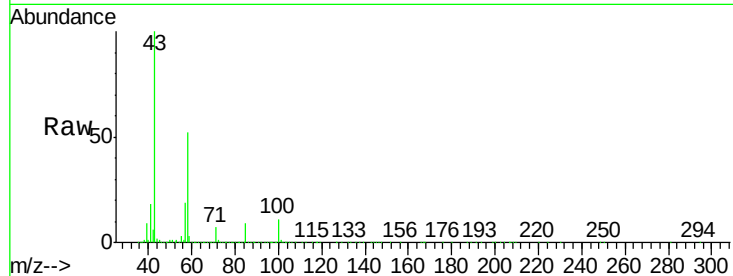
#59
2-Hexanone
Concen: 276.363 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2471967
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7

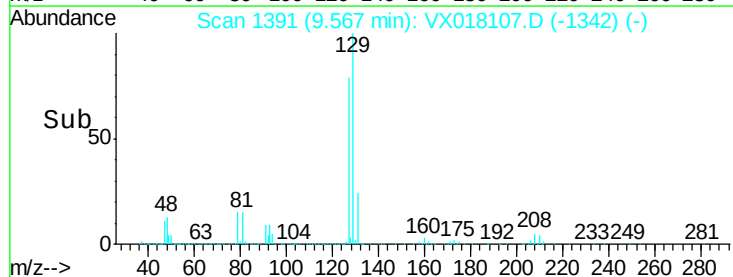
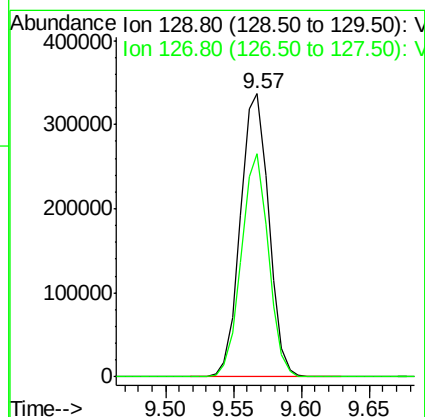
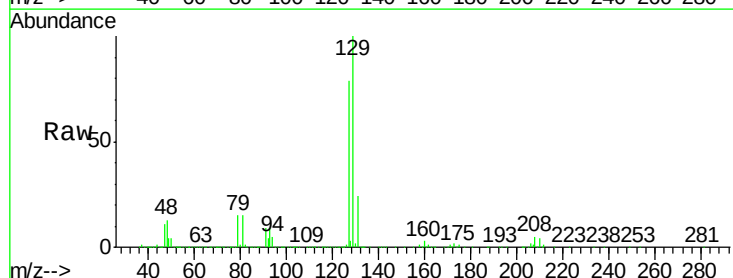
Manual Integrations
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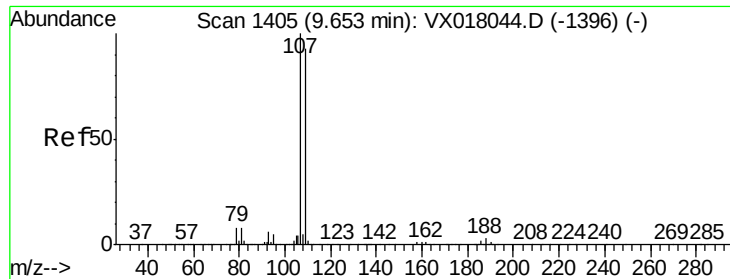
MMDadoda
8/31/2020 8:58:17 AM



#60
Dibromochloromethane
Concen: 51.862 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion: 129 Resp: 490773
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





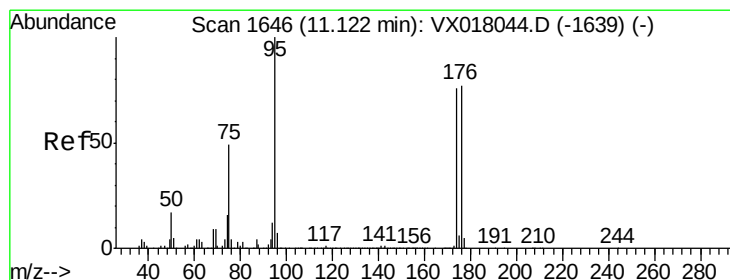
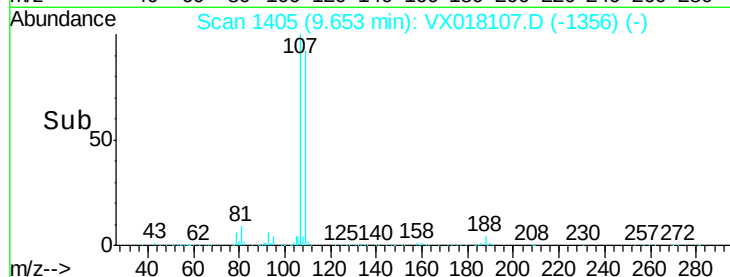
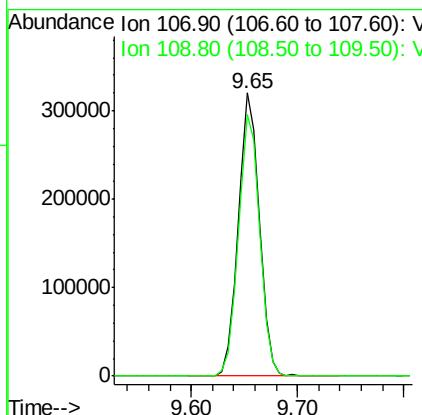
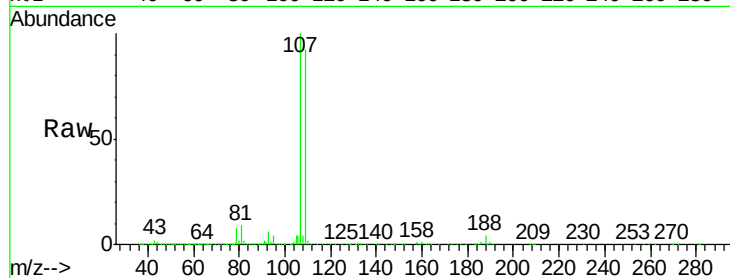
#61
 1,2-Dibromoethane
 Concen: 50.982 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.9	113.9

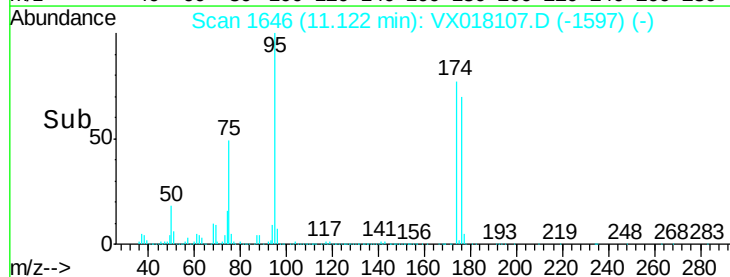
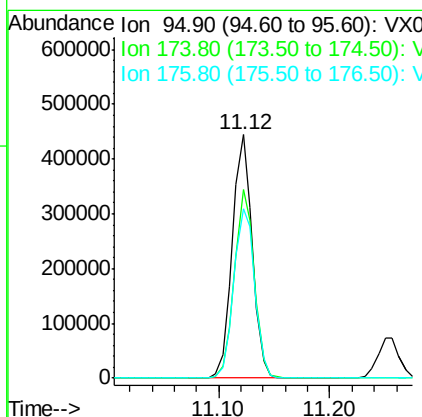
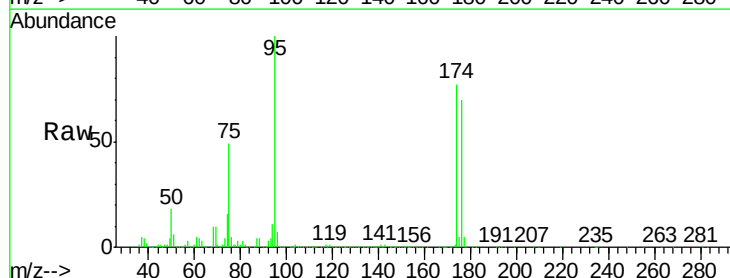
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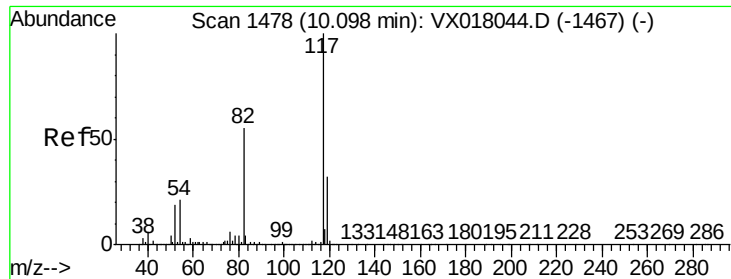
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#62
 4-Bromofluorobenzene
 Concen: 49.657 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	160.2
176	73.5	0.0	155.8





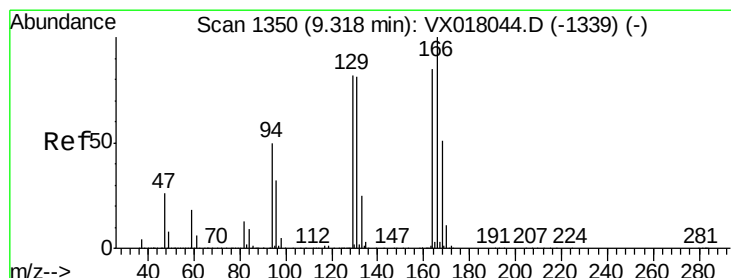
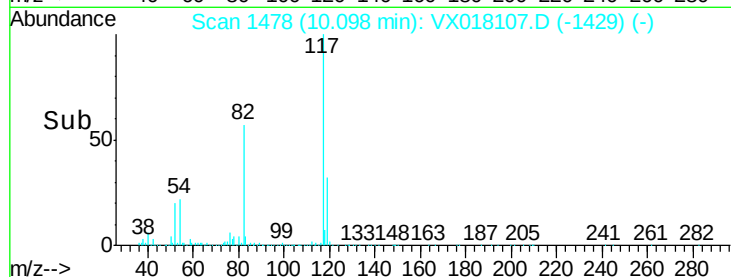
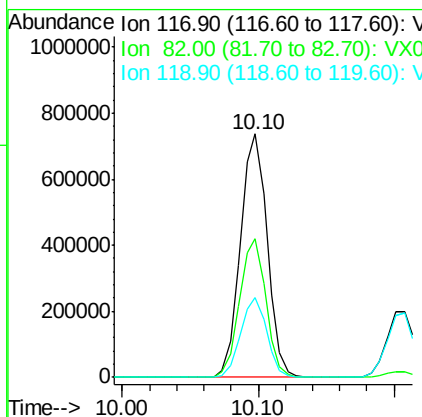
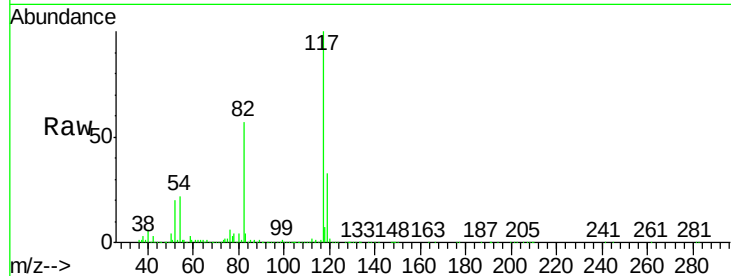
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.2	66.2
119	32.5	25.7	38.5

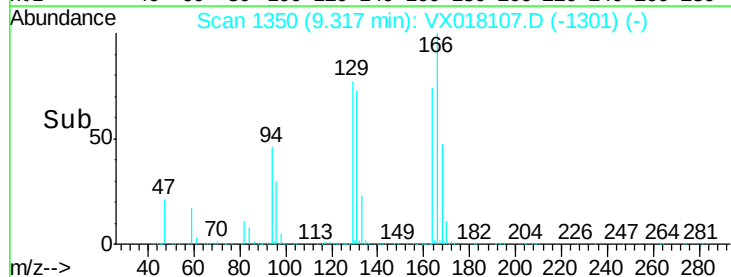
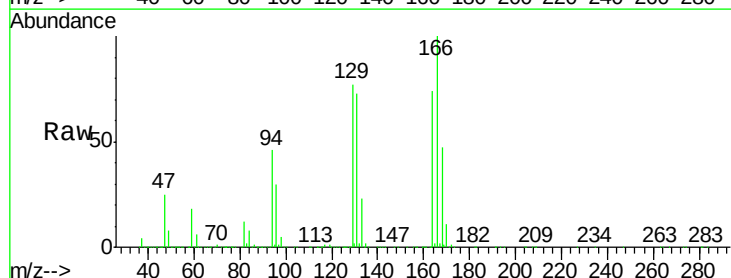
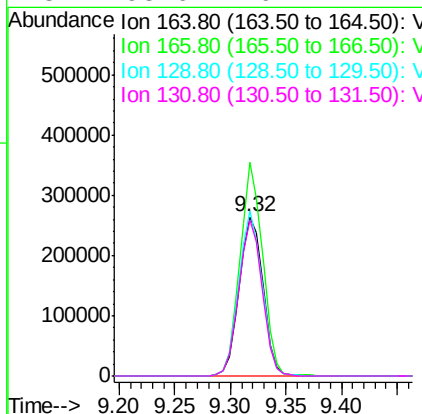
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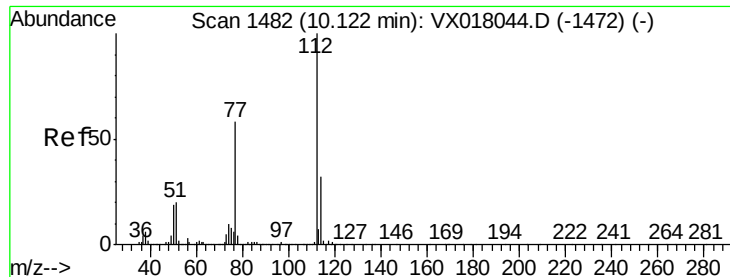
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#64
Tetrachloroethene
Concen: 52.722 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.4	94.2	141.2
129	103.9	76.9	115.3
131	98.6	76.1	114.1





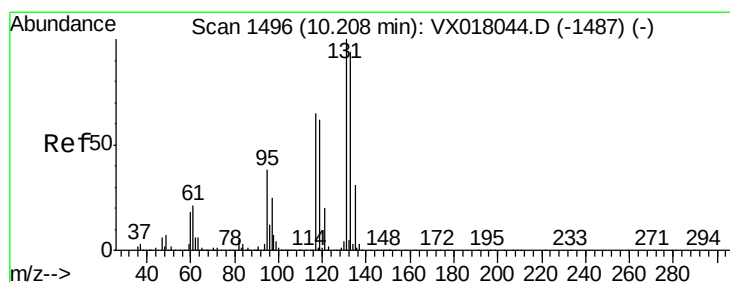
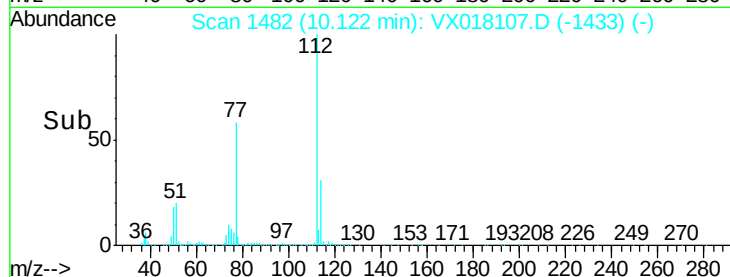
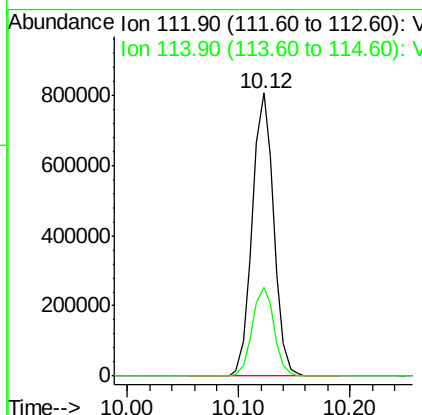
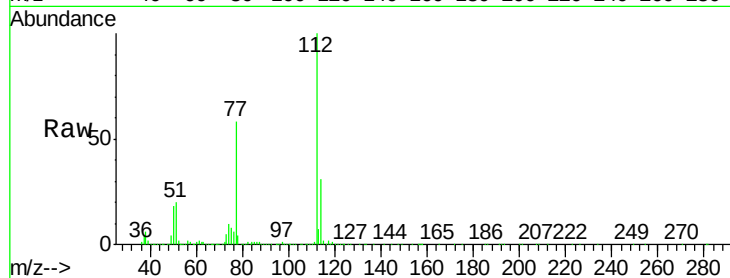
#65
Chlorobenzene
Concen: 53.543 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1083056
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

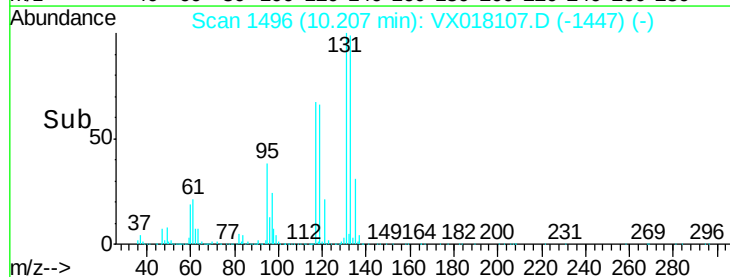
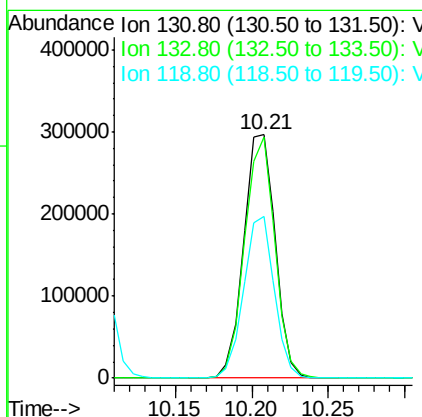
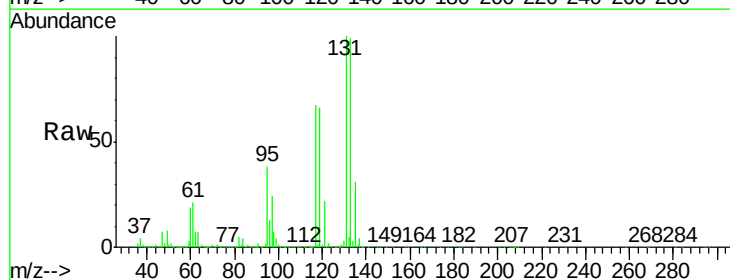
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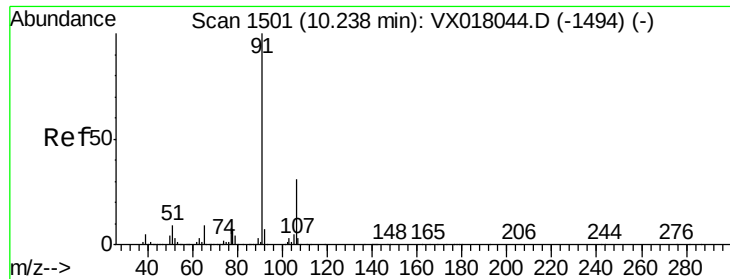
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.362 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion:131 Resp: 425421
Ion Ratio Lower Upper
131 100
133 94.9 46.7 140.1
119 64.5 31.8 95.4





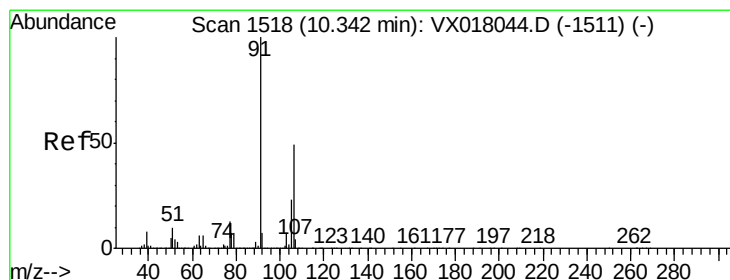
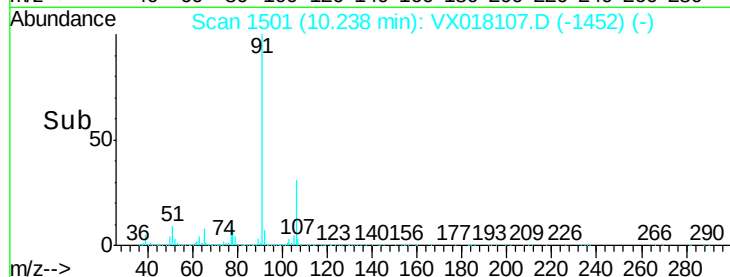
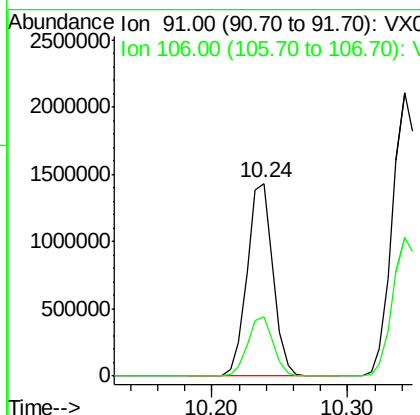
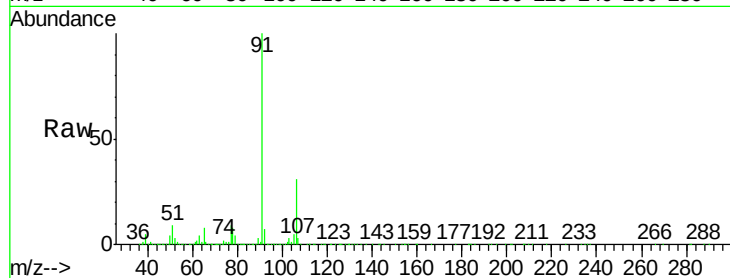
#67
Ethyl Benzene
Concen: 55.429 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1906699
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

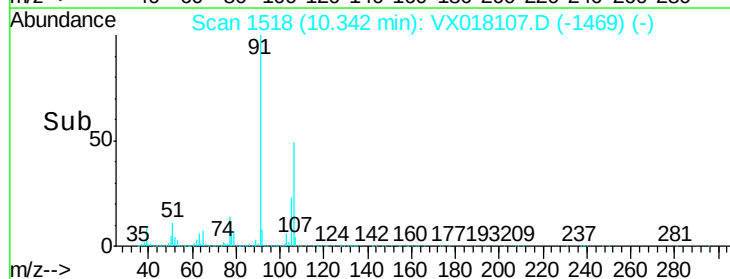
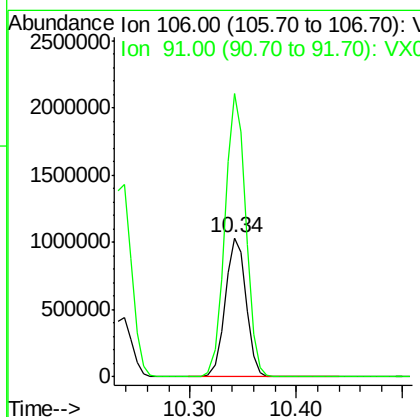
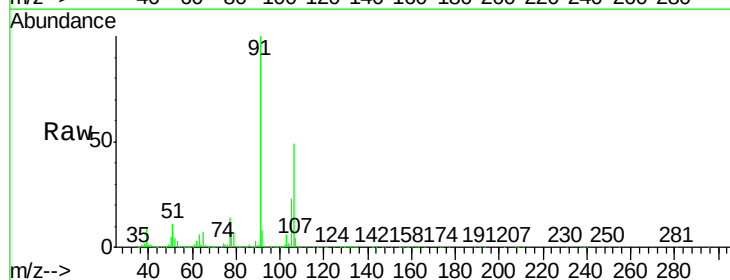
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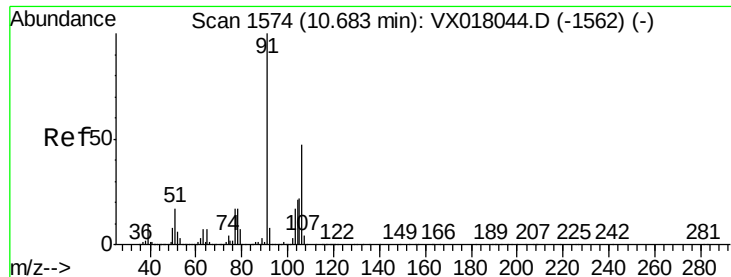
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#68
m/p-Xylenes
Concen: 110.583 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion: 106 Resp: 1419813
Ion Ratio Lower Upper
106 100
91 203.0 162.2 243.2





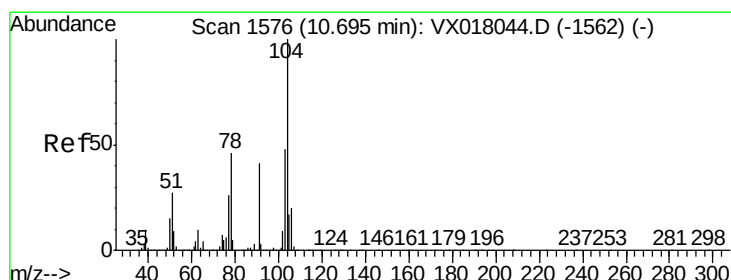
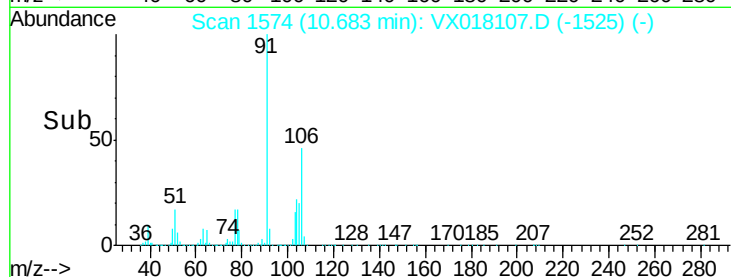
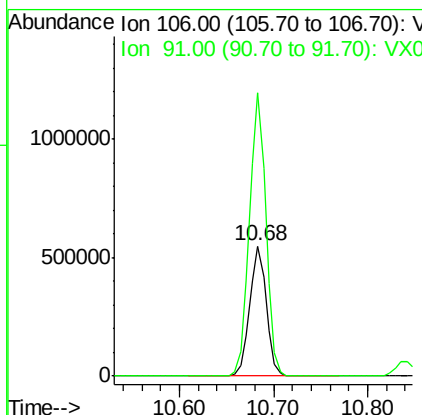
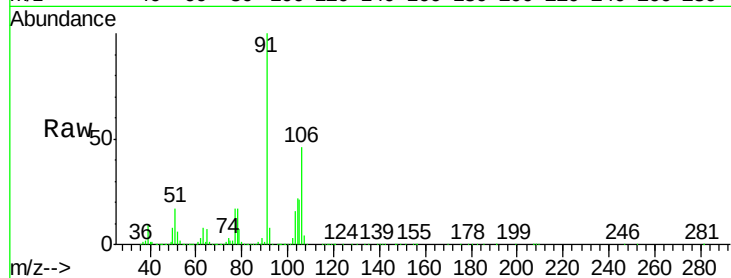
#69
o-Xylene
Concen: 54.549 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.8	107.1	321.3

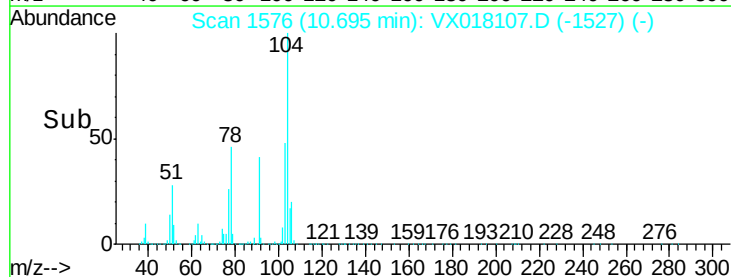
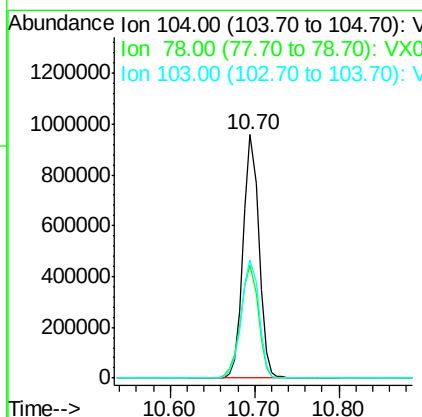
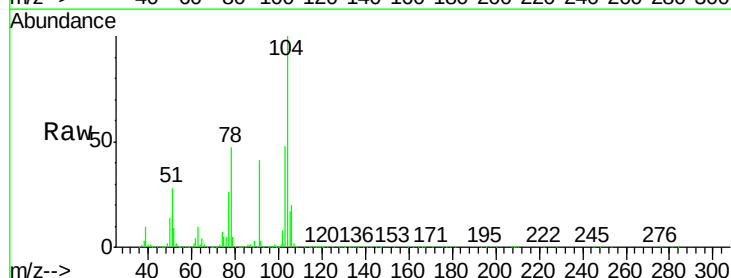
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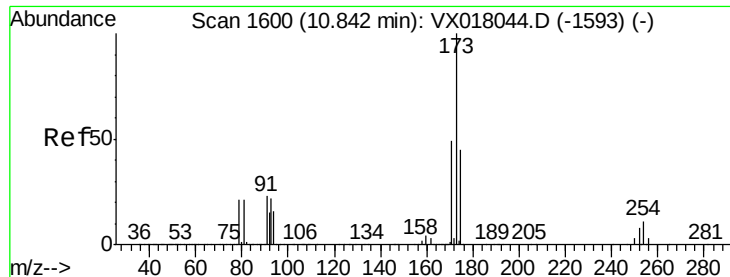
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#70
Styrene
Concen: 55.912 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	40.9	61.3
103	54.3	43.6	65.4





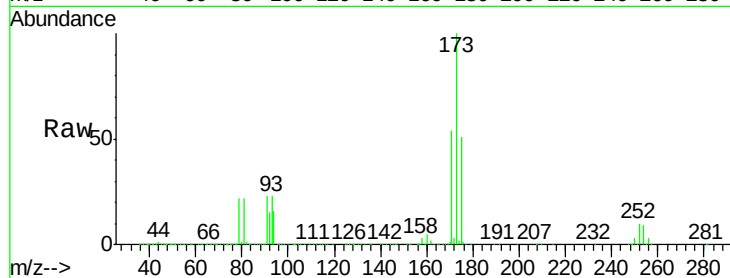
#71
Bromoform
Concen: 54.132 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

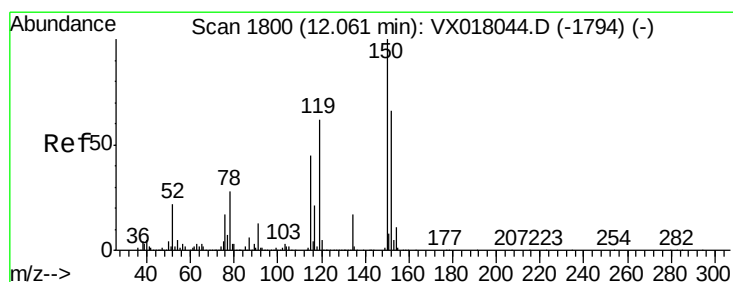
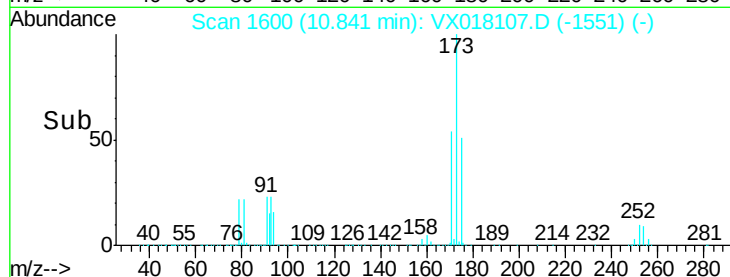
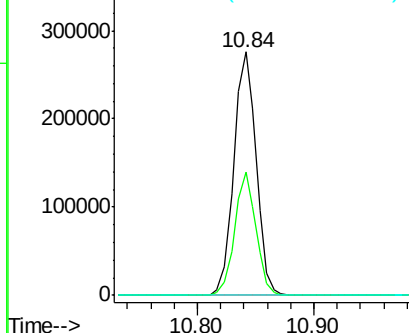
Tot Ion	Ratio	Resp	Lower	Upper
173	100	368108		
175	48.2	23.9	71.8	
254	0.2	0.2	0.2#	

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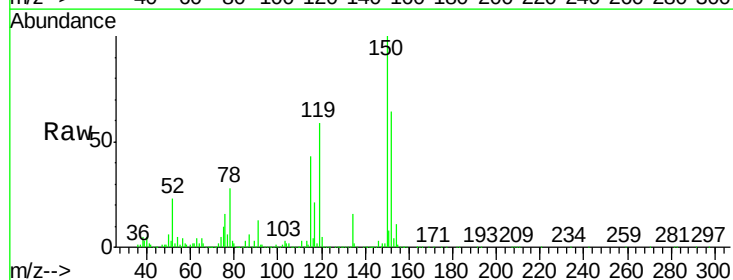


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

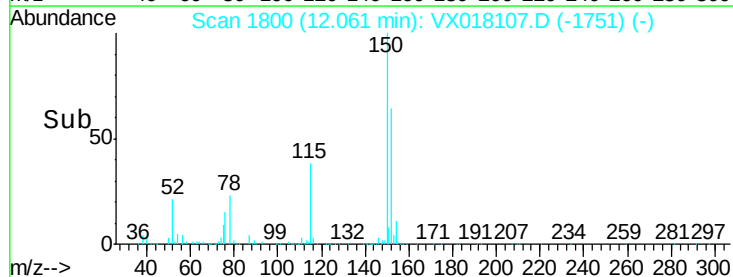
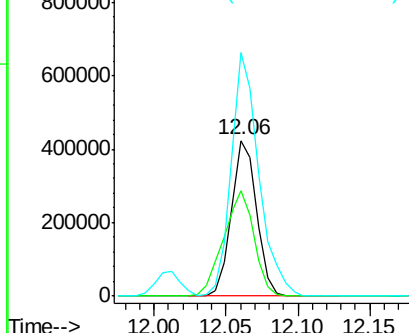


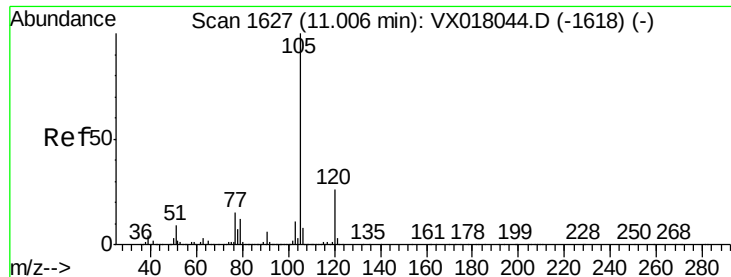
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	520986		
115	81.9	41.5	124.5	
150	170.8	0.0	343.8	



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





#73

Isopropylbenzene

Concen: 52.814 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1814929

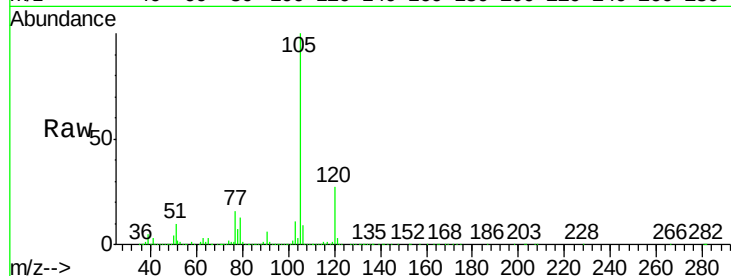
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

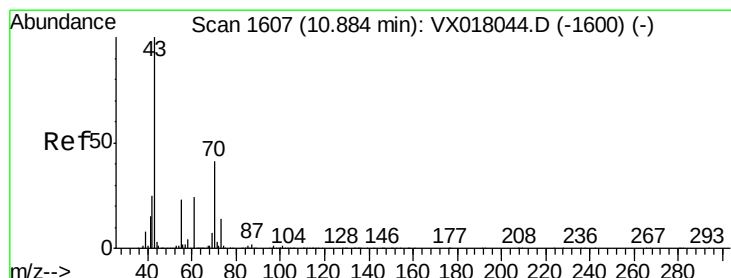
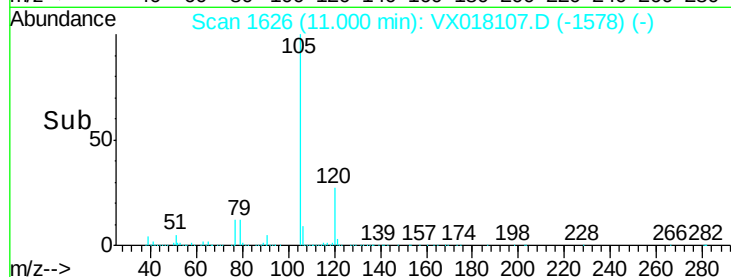
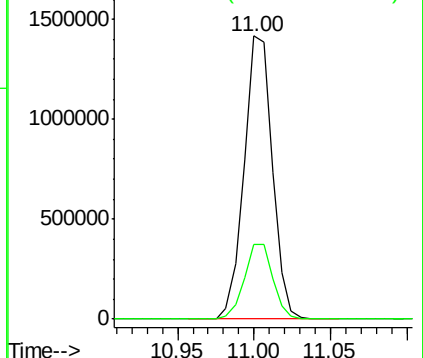
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.355 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion: 43 Resp: 918857

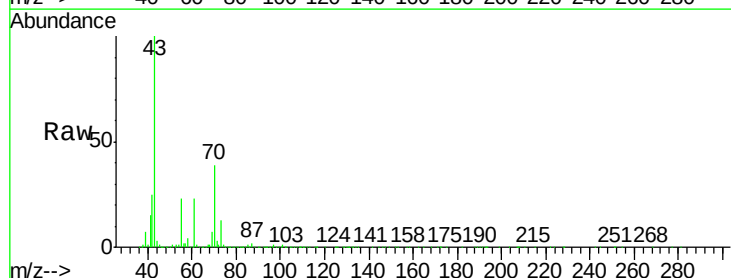
Ion Ratio Lower Upper

43 100

70 39.6 32.3 48.5

55 23.1 18.2 27.2

61 23.6 18.9 28.3

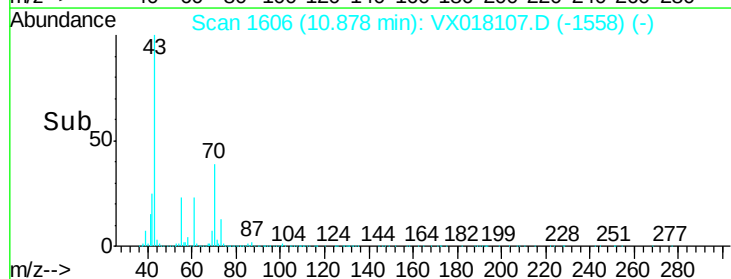
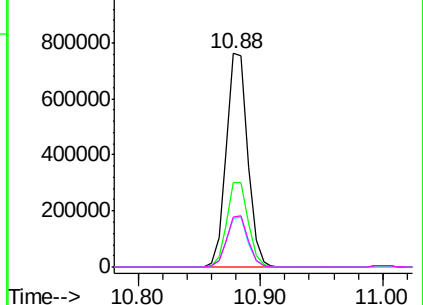


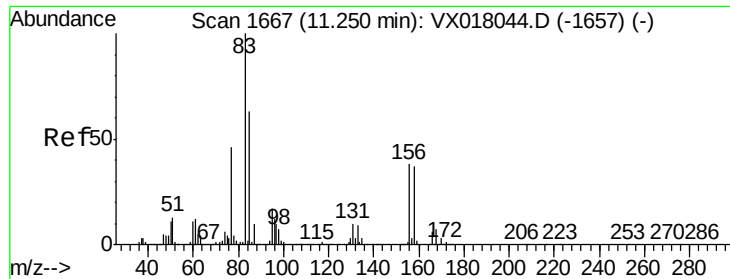
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.091 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

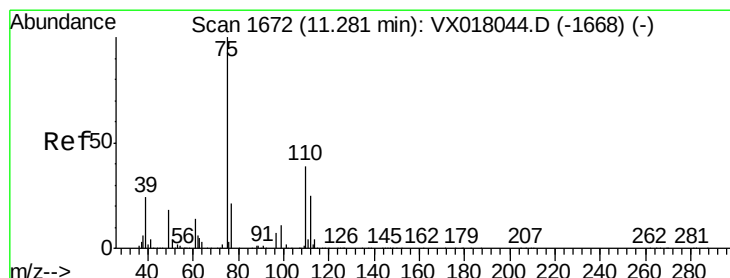
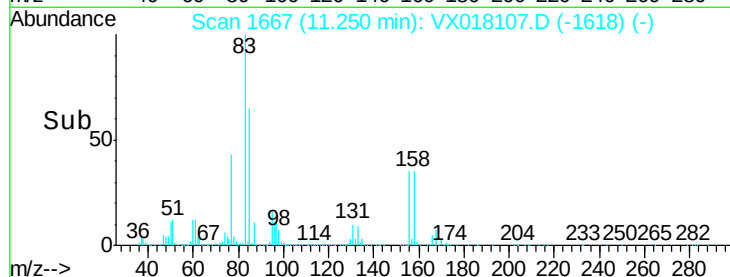
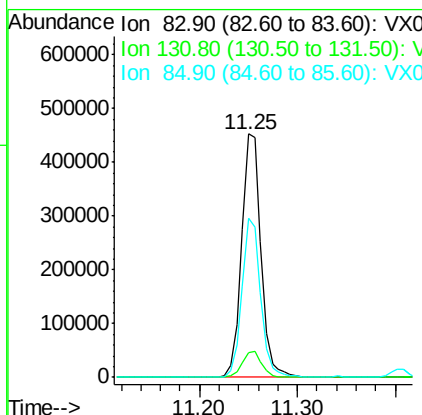
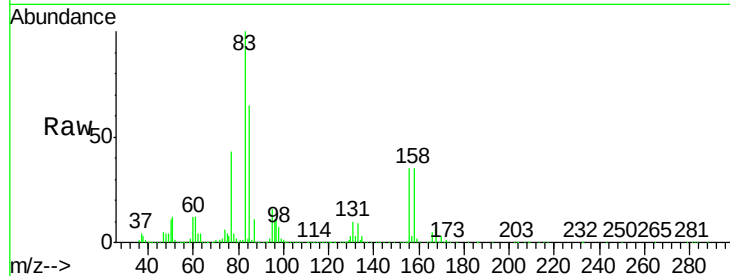
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	619357
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	63.5	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 52.481 ug/l m

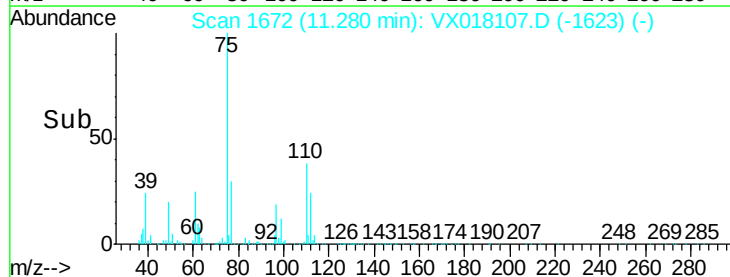
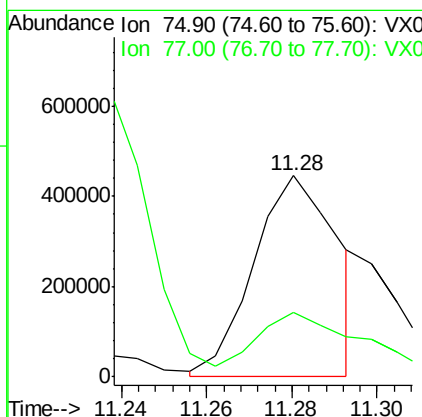
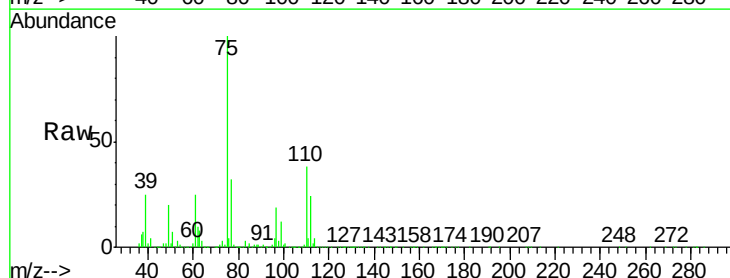
RT: 11.28 min Scan# 1672

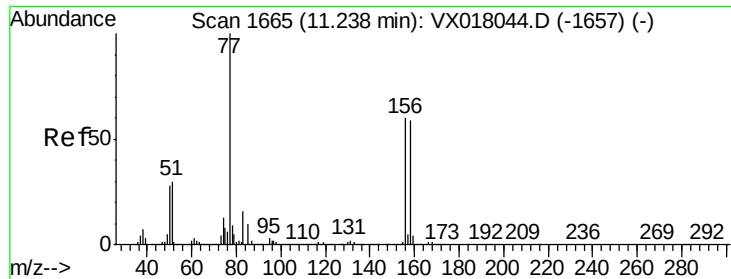
Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion:	75	Resp:	608229
Ion Ratio	Lower	Upper	
75	100		
77	40.9	20.8	62.2





#77

Bromobenzene

Concen: 49.840 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

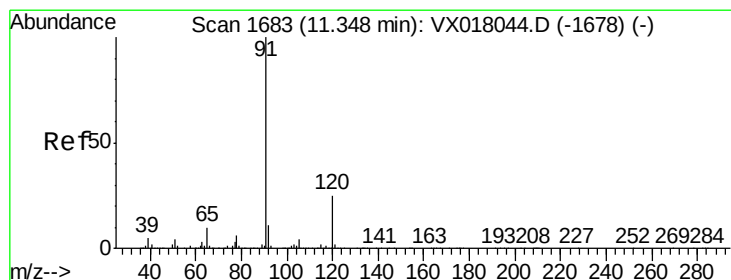
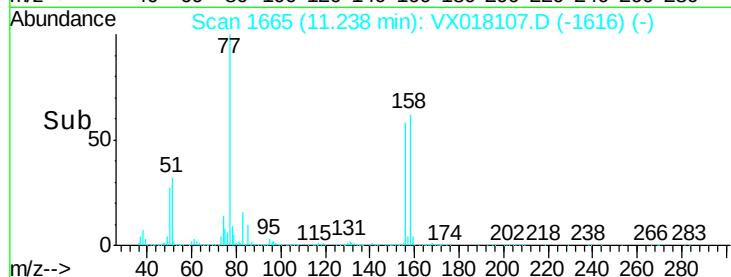
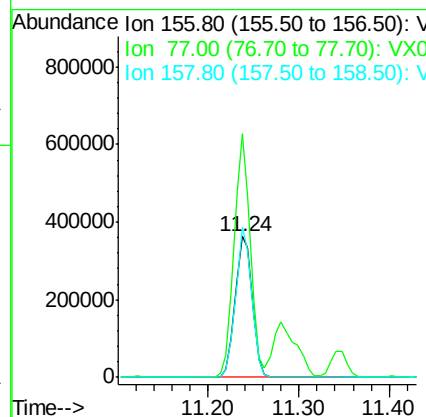
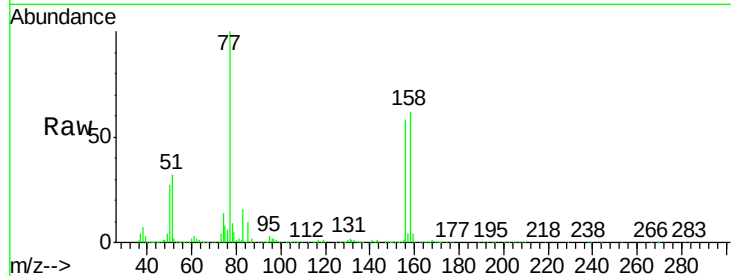
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	473439
Ion Ratio	Lower	Upper	
156	100		
77	164.1	80.0	240.2
158	99.8	49.5	148.7

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#78

n-propylbenzene

Concen: 53.475 ug/l

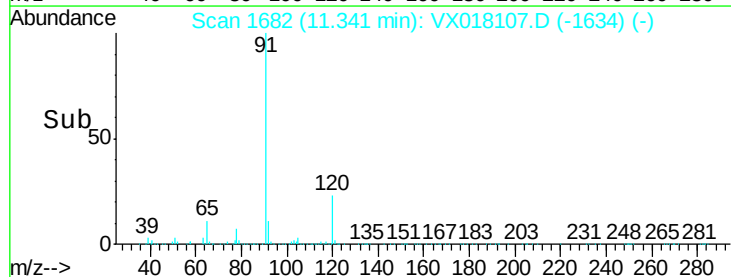
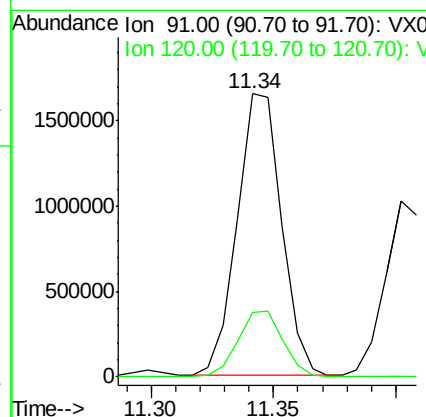
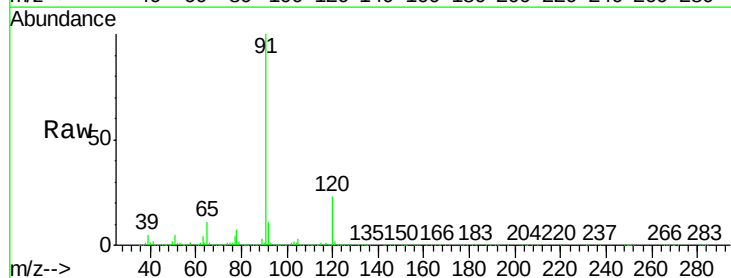
RT: 11.34 min Scan# 1682

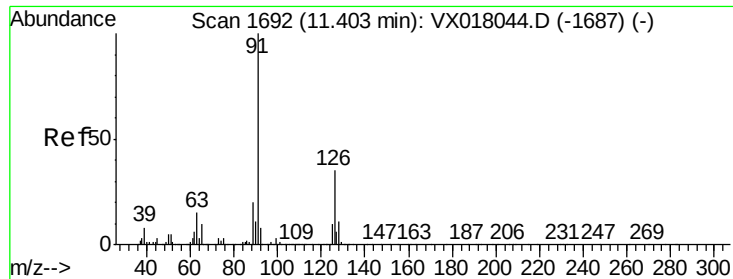
Delta R.T. -0.01 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion:	91	Resp:	2086566
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 53.260 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1283945

Ion Ratio Lower Upper

91 100

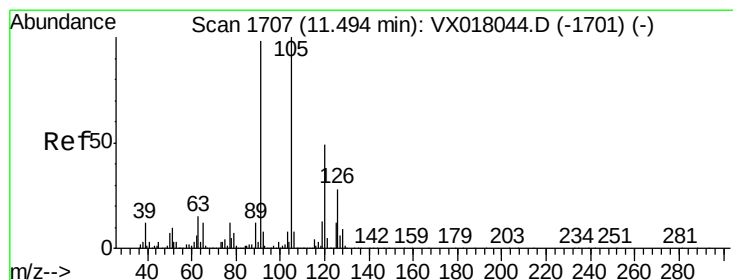
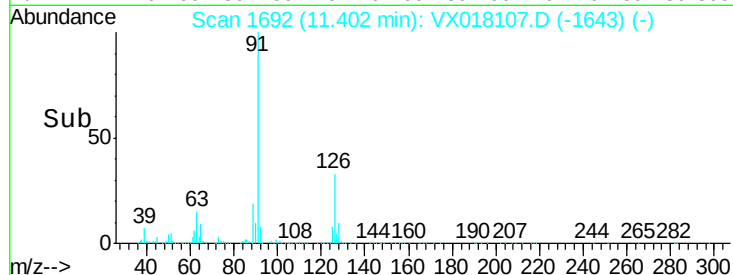
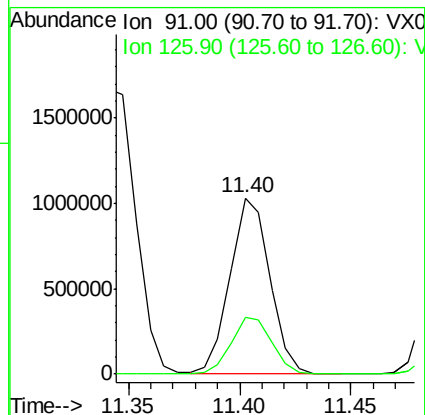
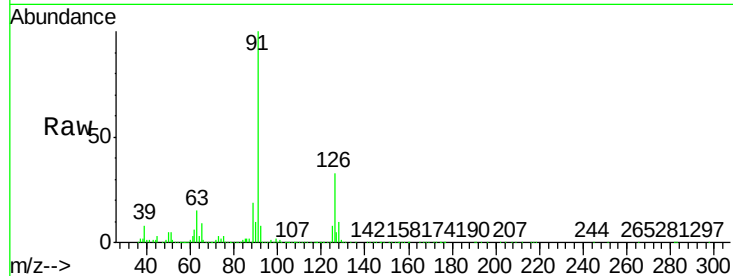
126 33.2 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 54.181 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018107.D

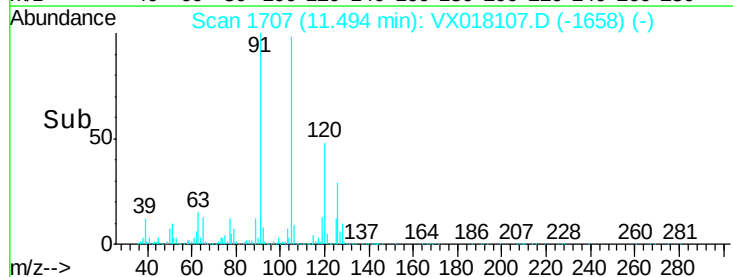
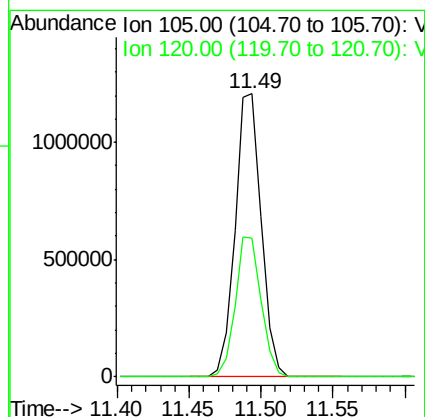
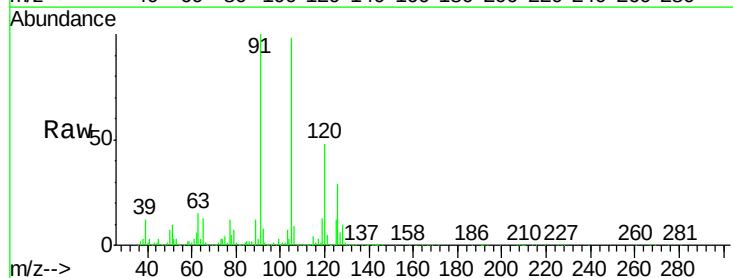
Acq: 28 Aug 2020 10:01

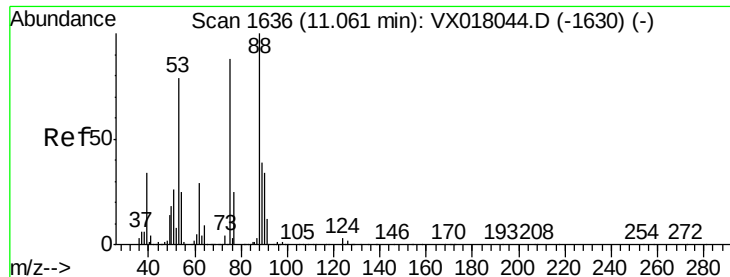
Tgt Ion: 105 Resp: 1530034

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.962 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

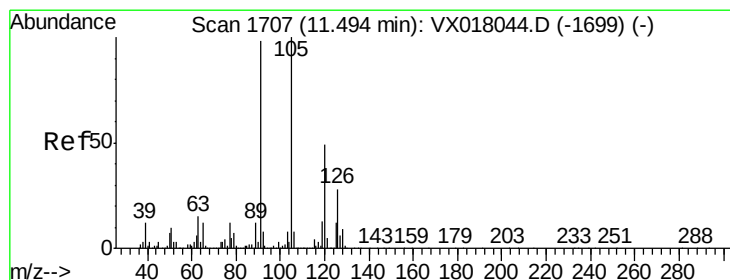
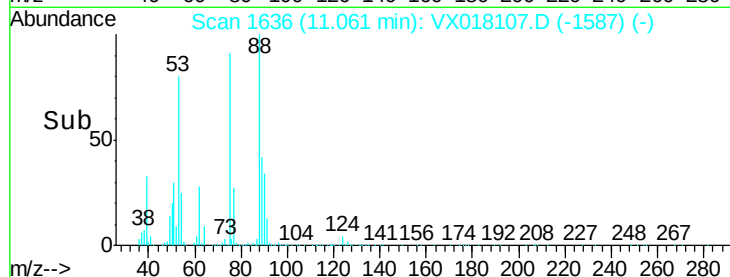
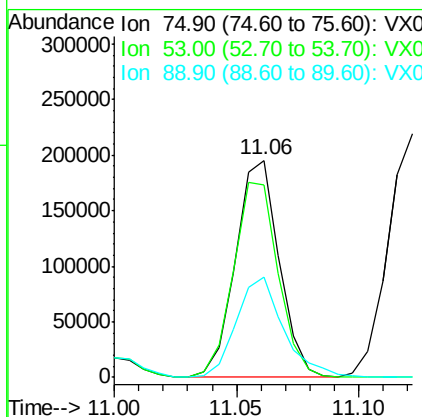
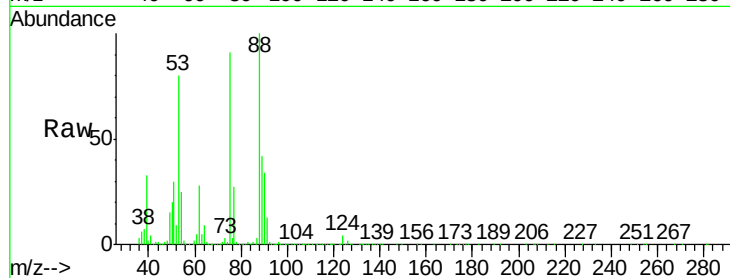
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	240139
Ion	Ratio	Lower	Upper
75	100		
53	92.7	74.7	112.1
89	50.6	36.6	54.8

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#82

4-Chlorotoluene

Concen: 53.038 ug/l

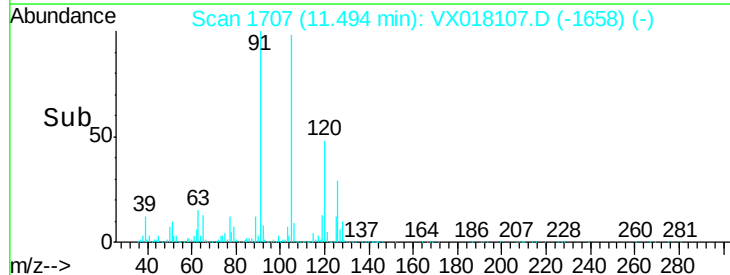
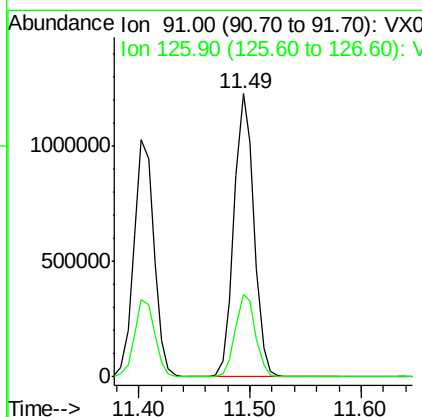
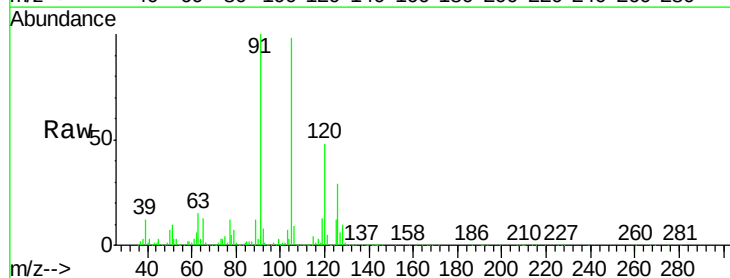
RT: 11.49 min Scan# 1707

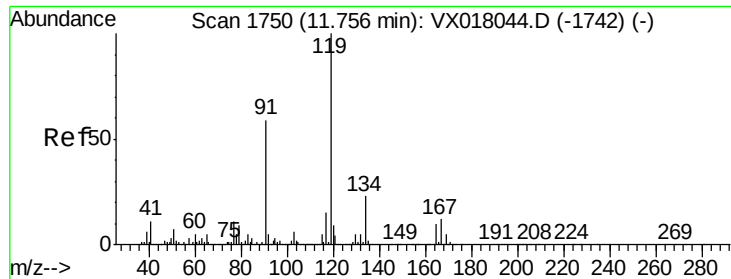
Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Tgt Ion:	91	Resp:	1520013
Ion	Ratio	Lower	Upper
91	100		
126	29.4	15.1	45.3





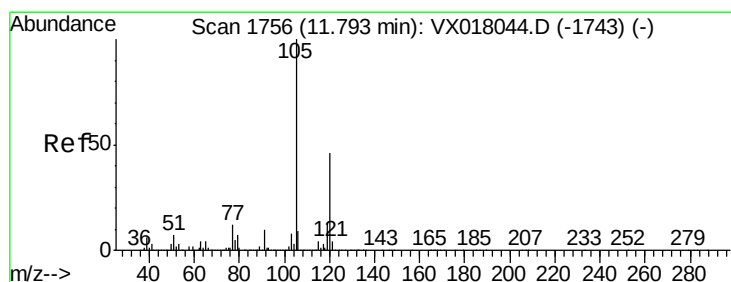
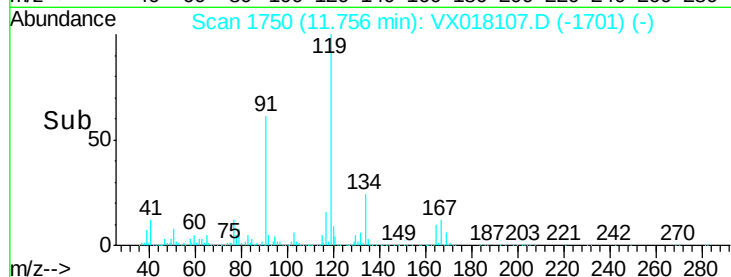
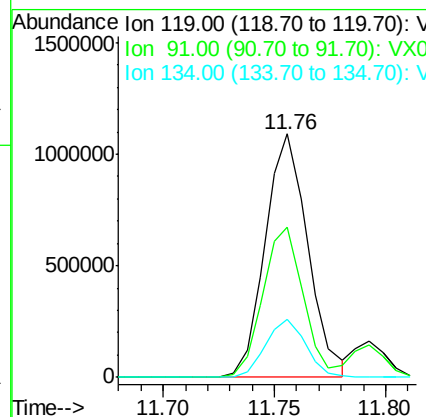
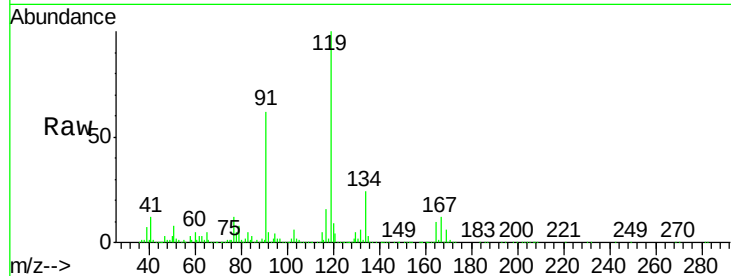
#83
 tert-Butylbenzene
 Concen: 52.056 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.2	84.7
134	22.6	11.3	33.8

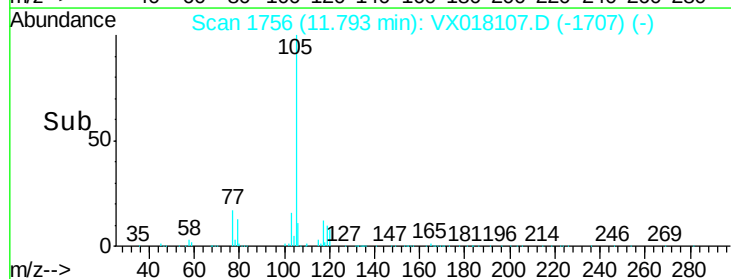
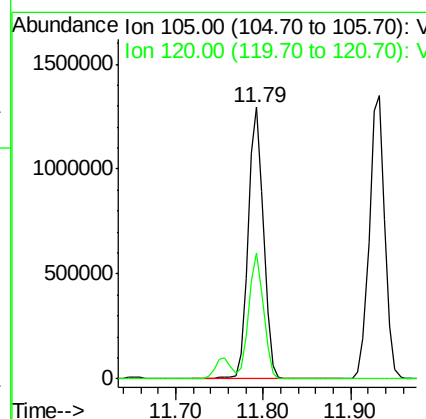
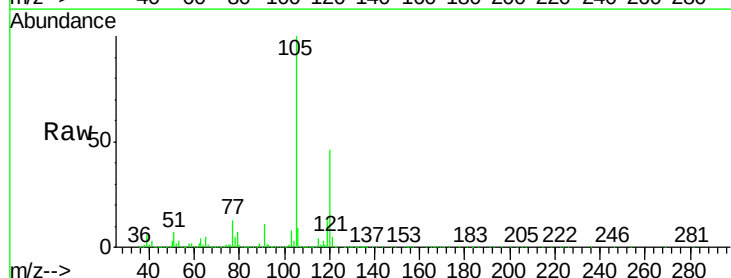
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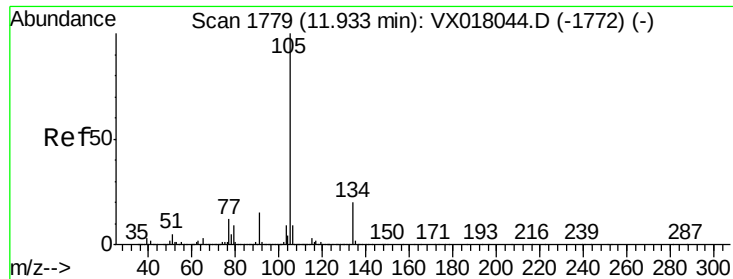
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.468 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.9





#85

sec-Butylbenzene

Concen: 52.739 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1671414

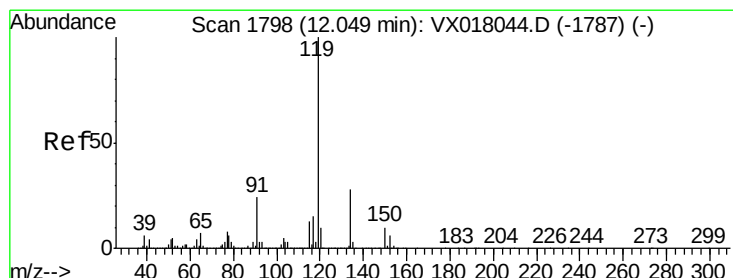
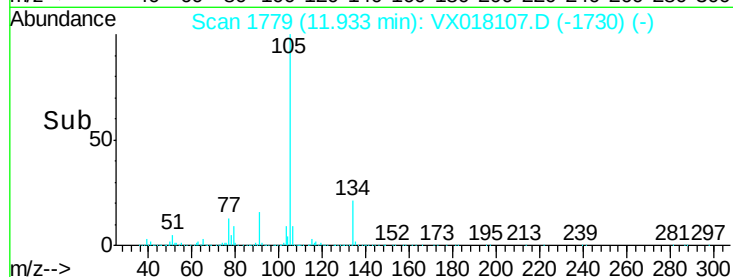
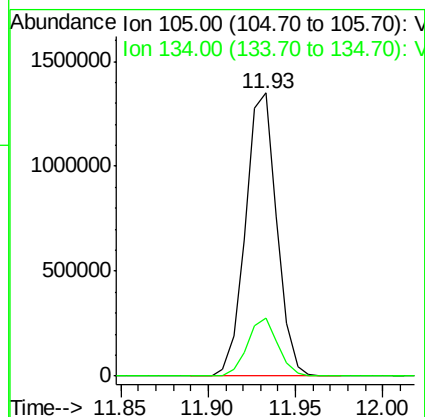
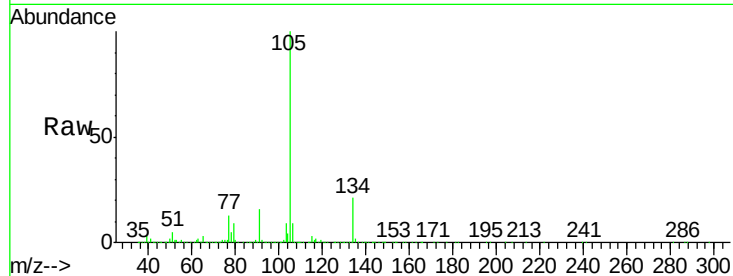
Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 53.722 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018107.D

Acq: 28 Aug 2020 10:01

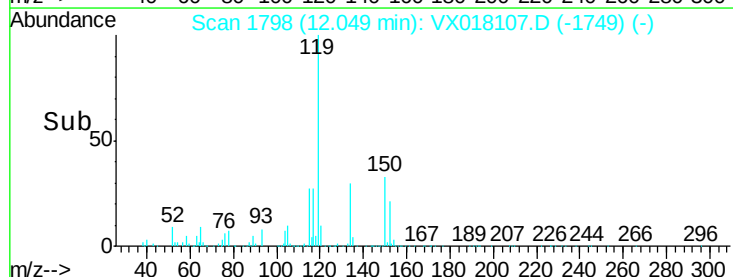
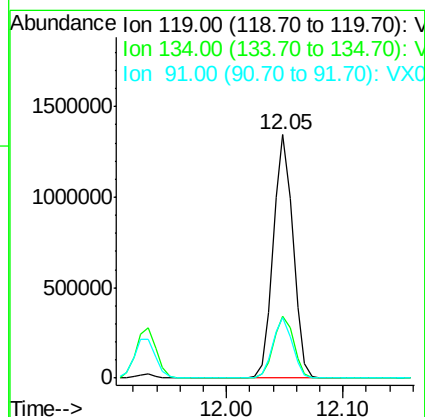
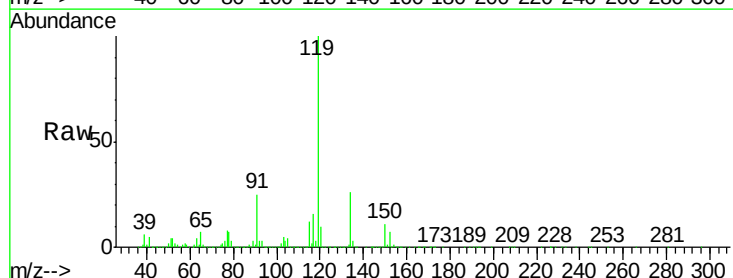
Tgt Ion:119 Resp: 1563913

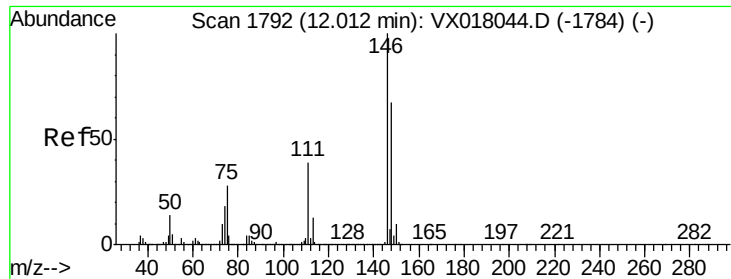
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.5 11.8 35.4





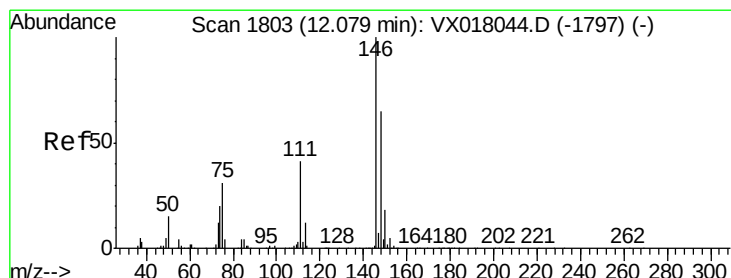
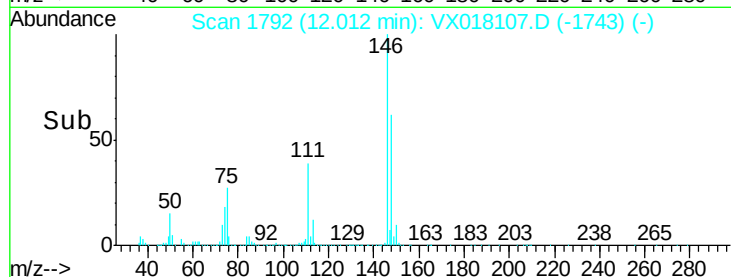
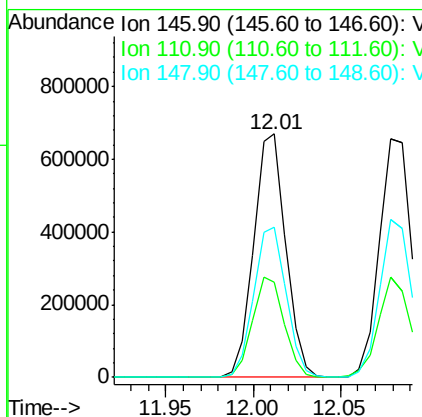
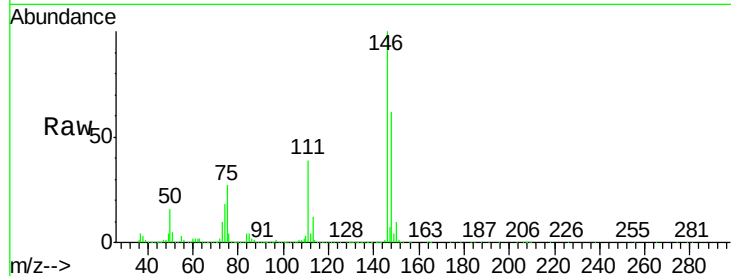
#87
 1,3-Dichlorobenzene
 Concen: 51.085 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	62.8	33.1	99.2

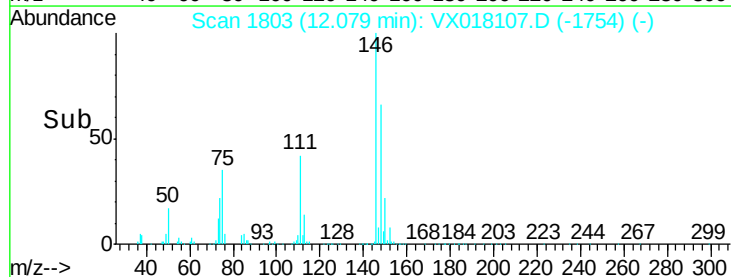
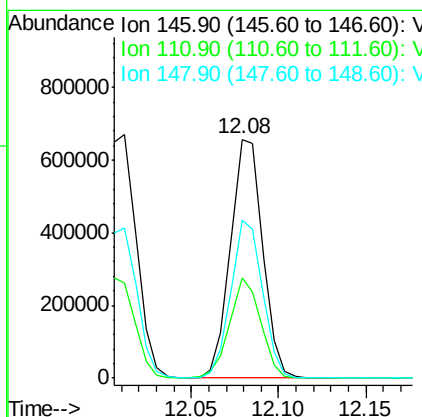
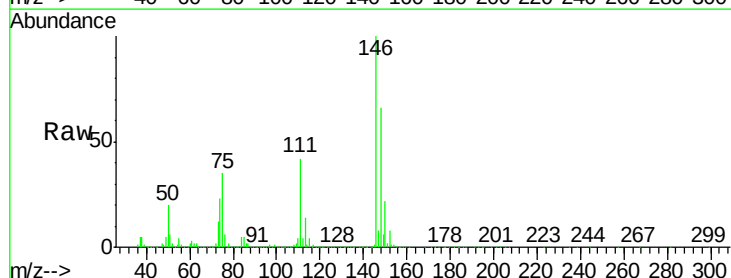
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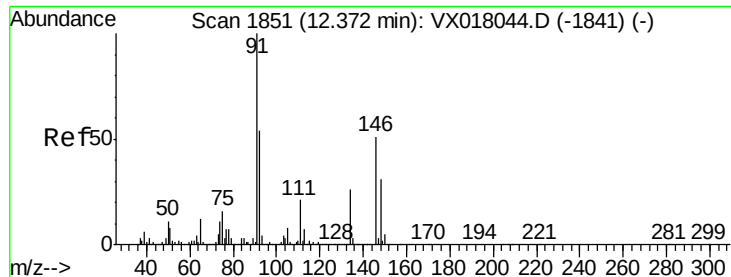
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#88
 1,4-Dichlorobenzene
 Concen: 50.384 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	65.0	33.1	99.2





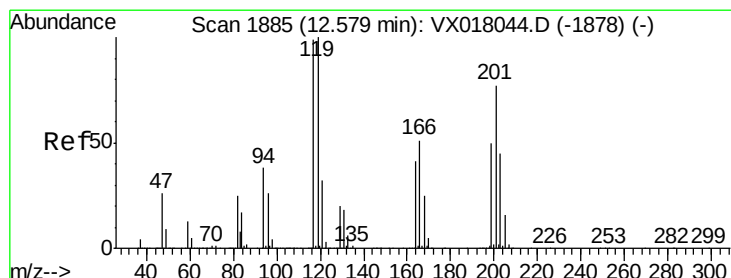
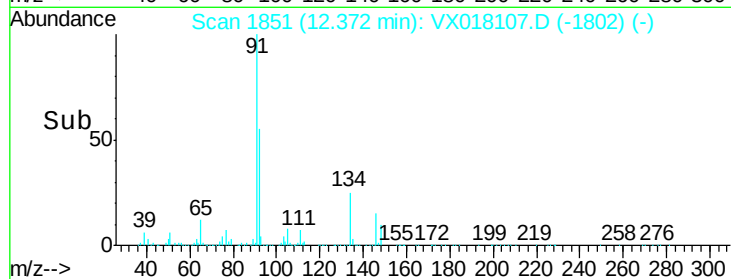
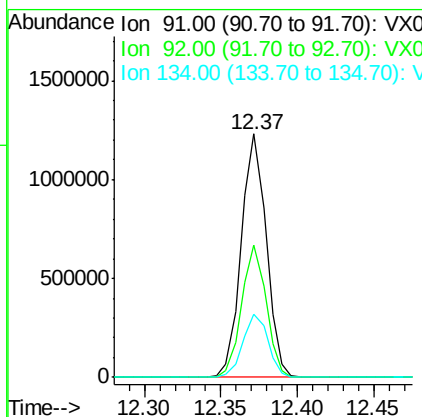
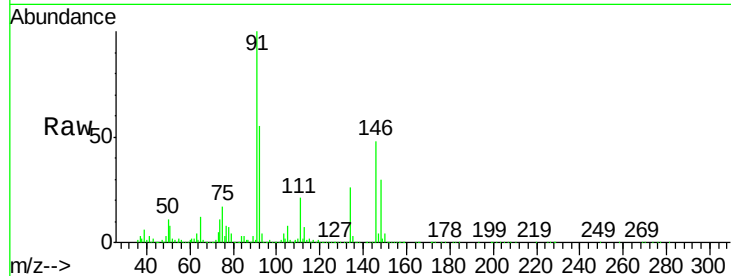
#89
n-Butylbenzene
Concen: 52.521 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.2
134	26.0	12.9	38.7

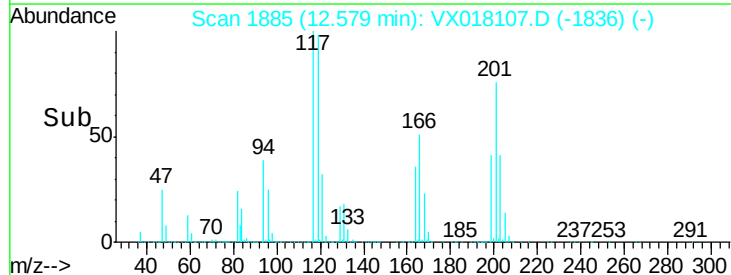
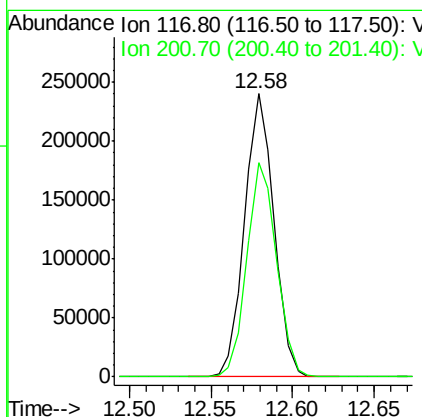
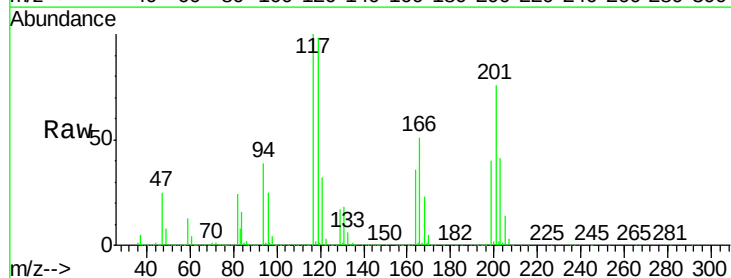
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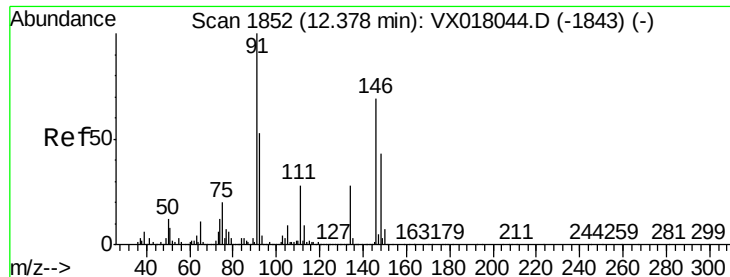
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#90
Hexachloroethane
Concen: 52.691 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.5	115.3





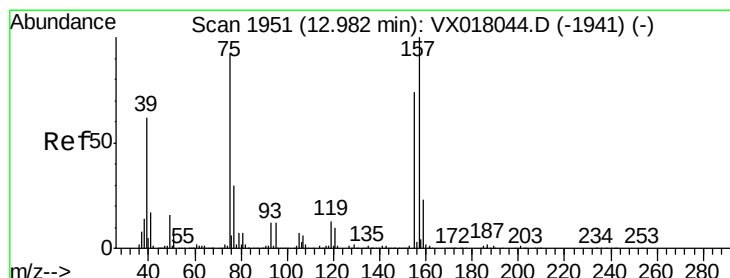
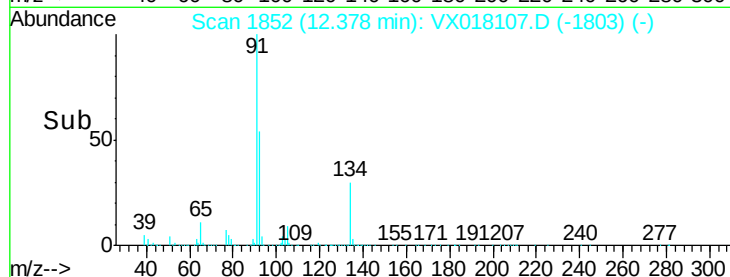
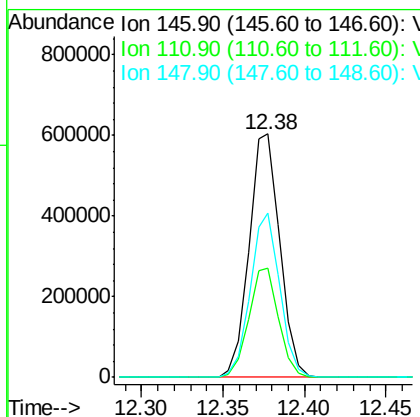
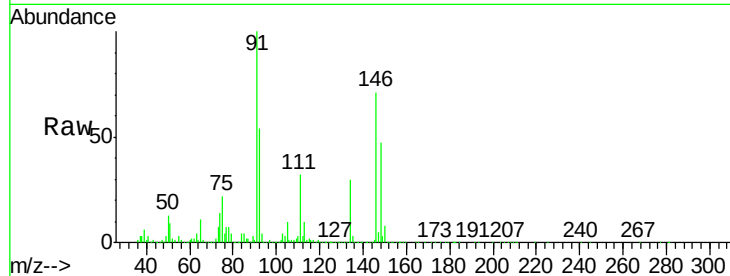
#91
 1,2-Dichlorobenzene
 Concen: 50.444 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.8	62.5
148	64.4	31.6	95.0

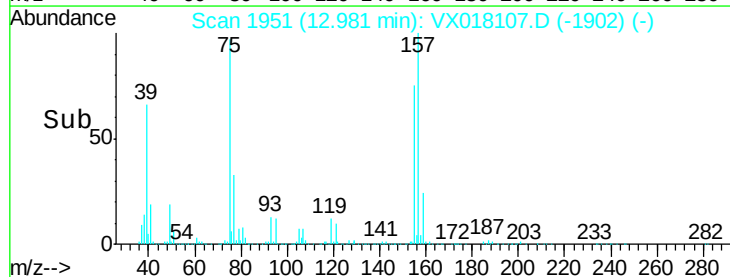
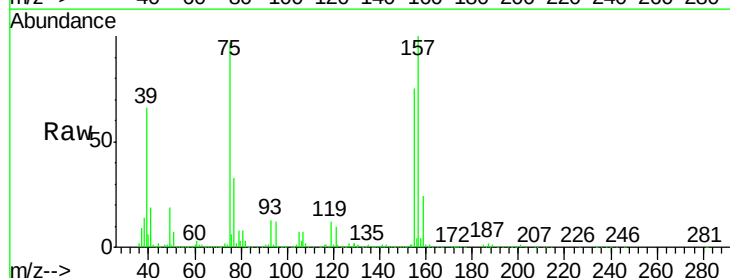
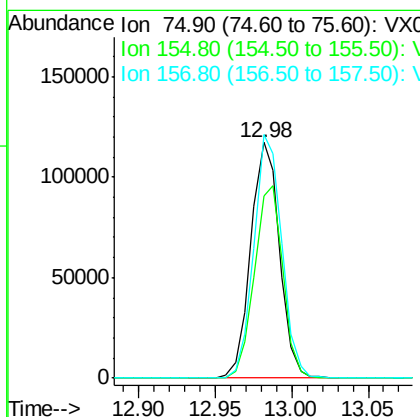
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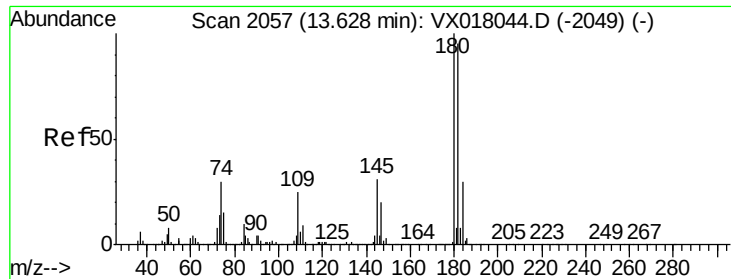
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.496 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.2	120.6
157	100.4	55.0	165.2





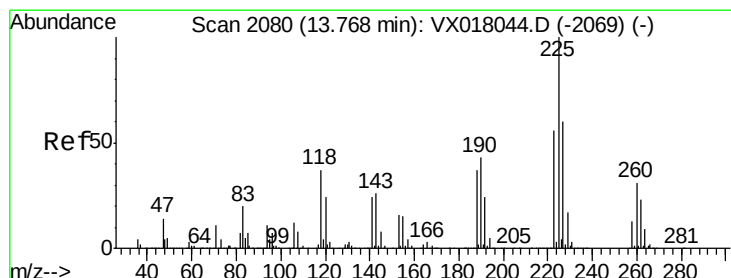
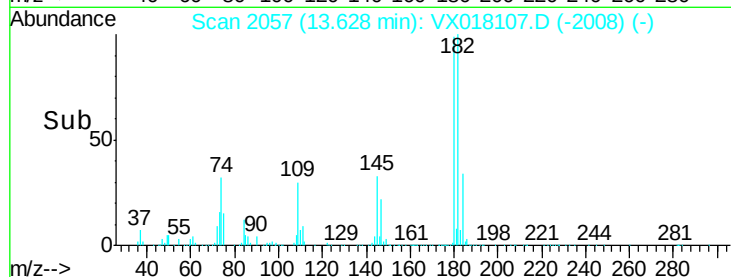
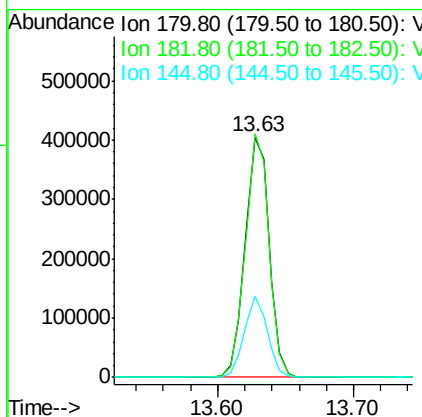
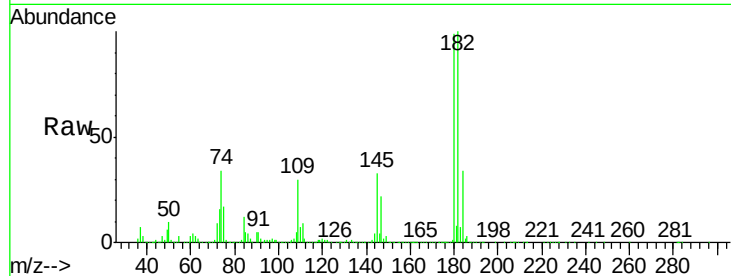
#93
 1,2,4-Trichlorobenzene
 Concen: 47.967 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	502152		
182	98.8	47.5	142.6	
145	32.6	15.7	47.1	

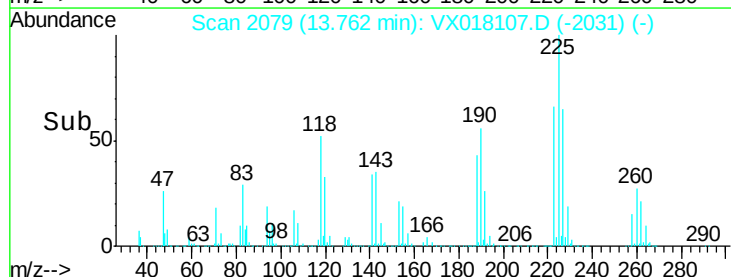
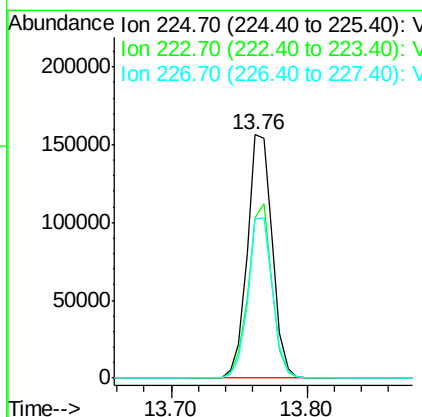
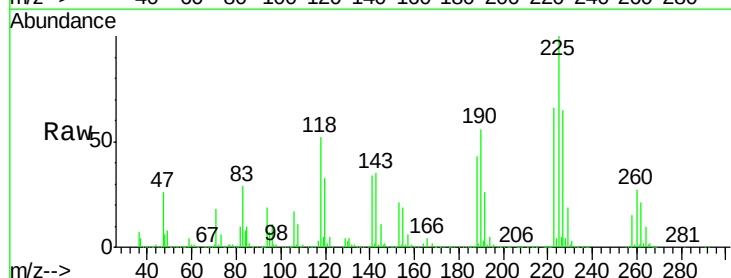
Manual Integrations
 APPROVED

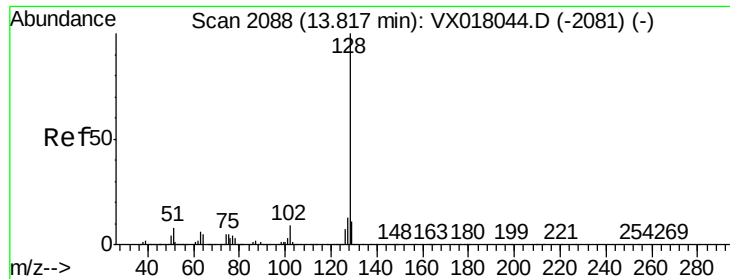
MMDadoda
 8/31/2020 8:58:17 AM



#94
 Hexachlorobutadiene
 Concen: 48.421 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018107.D
 Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199937		
223	68.0	30.7	92.1	
227	64.7	32.6	97.8	





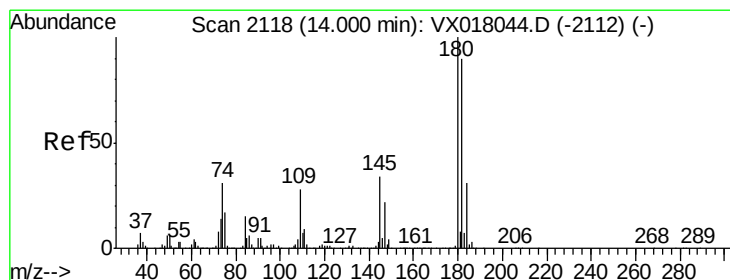
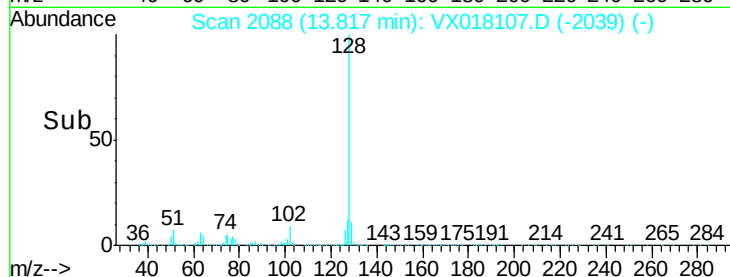
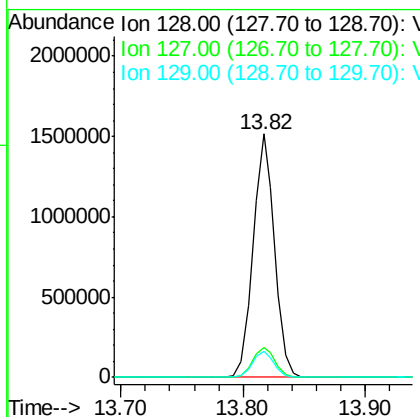
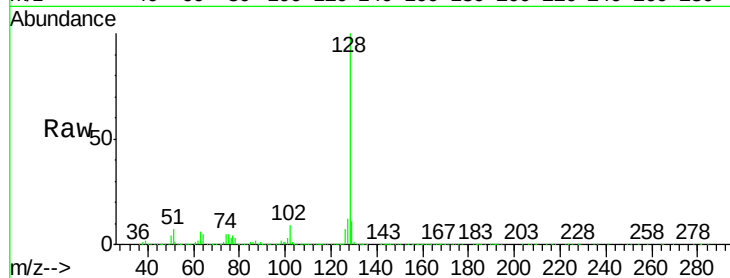
#95
Naphthalene
Concen: 53.568 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.410 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018107.D
Acq: 28 Aug 2020 10:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	33.4	17.5	52.6

