

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072920\
 Data File : VX017665.D
 Acq On : 29 Jul 2020 10:32
 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
 7/30/2020 6:08:25 PM

Quant Time: Jul 30 04:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	580011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	857352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	821611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	444288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	369060	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.46	113	284003	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.70	98	1042973	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.12	95	413797	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	275981	51.313	ug/l	96
3) Chloromethane	1.31	50	319061	44.543	ug/l	98
4) Vinyl Chloride	1.39	62	323451	44.316	ug/l	99
5) Bromomethane	1.62	94	191093	48.627	ug/l	99
6) Chloroethane	1.70	64	195406	48.529	ug/l	99
7) Trichlorofluoromethane	1.92	101	533111	46.438	ug/l	98
8) Diethyl Ether	2.17	74	175683	47.124	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	284166	45.107	ug/l	98
10) Methyl Iodide	2.49	142	357253	44.326	ug/l	96
11) Tert butyl alcohol	3.01	59	323909	206.278	ug/l	100
12) 1,1-Dichloroethene	2.36	96	268758	44.861	ug/l	99
13) Acrolein	2.27	56	432808	359.171	ug/l	98
14) Allyl chloride	2.70	41	499981	45.706	ug/l	97
15) Acrylonitrile	3.11	53	757852	223.452	ug/l	100
16) Acetone	2.42	43	657205	200.415	ug/l	96
17) Carbon Disulfide	2.55	76	767330	42.139	ug/l	99
18) Methyl Acetate	2.75	43	338185	43.789	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	949185	45.776	ug/l	100
20) Methylene Chloride	2.83	84	306889	49.682	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	298411	46.496	ug/l	98
22) Diisopropyl ether	3.82	45	948663	47.429	ug/l	99
23) Vinyl Acetate	3.78	43	4233501	237.381	ug/l	100
24) 1,1-Dichloroethane	3.67	63	535196	46.449	ug/l	99
25) 2-Butanone	4.63	43	1050193	225.437	ug/l	96
26) 2,2-Dichloropropane	4.54	77	520779	50.492	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	329010	47.198	ug/l	99
28) Bromochloromethane	4.98	49	235422	45.088	ug/l	98
29) Tetrahydrofuran	5.09	42	668519	231.676	ug/l	99
30) Chloroform	5.17	83	568129	48.256	ug/l	99
31) Cyclohexane	5.54	56	448079	48.766	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	531516	47.876	ug/l	99
36) 1,1-Dichloropropene	5.76	75	418876	50.941	ug/l	100
37) Ethyl Acetate	4.79	43	412329	45.830	ug/l	100
38) Carbon Tetrachloride	5.75	117	497208	49.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	482089	50.223	ug/l	97
40) Benzene	6.11	78	1176869	49.922	ug/l	97
41) Methacrylonitrile	5.00	41	242928	47.107	ug/l	99
42) 1,2-Dichloroethane	6.16	62	483512	50.134	ug/l	99
43) Isopropyl Acetate	6.41	43	696439	46.916	ug/l	100
44) Trichloroethene	7.18	130	352293	51.135	ug/l	99
45) 1,2-Dichloropropane	7.49	63	312057	47.750	ug/l	98
46) Dibromomethane	7.63	93	217749	47.147	ug/l	98
47) Bromodichloromethane	7.87	83	464414	49.975	ug/l	97
48) Methyl methacrylate	7.74	41	351535	47.774	ug/l	97
49) 1,4-Dioxane	7.71	88	136433	967.090	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2136711	241.242	ug/l	100
52) Toluene	8.76	92	766499	50.699	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	532975	51.234	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	545532	51.413	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	311721	49.495	ug/l	99
56) Ethyl methacrylate	9.16	69	474501	50.008	ug/l	99
57) 1,3-Dichloropropane	9.35	76	527653	50.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1231138	246.278	ug/l	99
59) 2-Hexanone	9.47	43	1660852	249.062	ug/l	99
60) Dibromochloromethane	9.56	129	405471	50.653	ug/l	100
61) 1,2-Dibromoethane	9.65	107	346095	51.616	ug/l	99
64) Tetrachloroethene	9.32	164	357343	48.459	ug/l	97
65) Chlorobenzene	10.12	112	872601	49.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	352071	49.053	ug/l	99
67) Ethyl Benzene	10.23	91	1519762	51.194	ug/l	100
68) m/p-Xylenes	10.34	106	1158552	100.741	ug/l	97
69) o-Xylene	10.68	106	549820	49.709	ug/l	99
70) Styrene	10.70	104	965053	51.281	ug/l	99
71) Bromoform	10.84	173	303171	48.754	ug/l #	100
73) Isopropylbenzene	11.00	105	1534753	50.355	ug/l	100
74) N-amyl acetate	10.88	43	638159	47.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	428716	45.064	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	430753m	47.132	ug/l	
77) Bromobenzene	11.24	156	412452	48.338	ug/l	99
78) n-propylbenzene	11.34	91	1770960	51.518	ug/l	100
79) 2-Chlorotoluene	11.40	91	1052922	49.446	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1327561	51.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	168570	46.477	ug/l	94
82) 4-Chlorotoluene	11.49	91	1265898	50.396	ug/l	100
83) tert-Butylbenzene	11.76	119	1270244	51.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1335288	51.589	ug/l	99
85) sec-Butylbenzene	11.93	105	1510318	52.067	ug/l	100
86) p-Isopropyltoluene	12.05	119	1444904	52.307	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	733004	50.025	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	741295	48.842	ug/l	100
89) n-Butylbenzene	12.37	91	1277565	51.903	ug/l	100
90) Hexachloroethane	12.58	117	267056	49.037	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	696573	48.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	114484	42.936	ug/l	99

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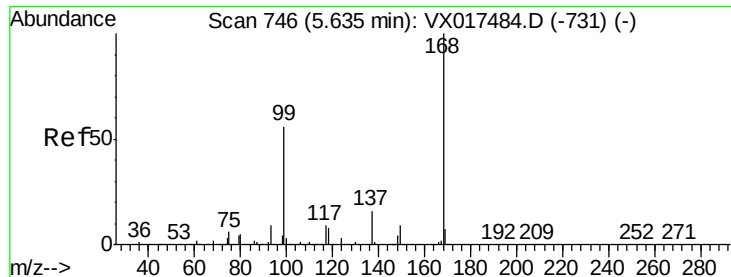
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	518204	52.724	ug/l	99
94) Hexachlorobutadiene	13.77	225	222231	49.120	ug/l	98
95) Naphthalene	13.82	128	1505310	51.305	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	503559	51.889	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 580011

Ion Ratio Lower Upper

168 100

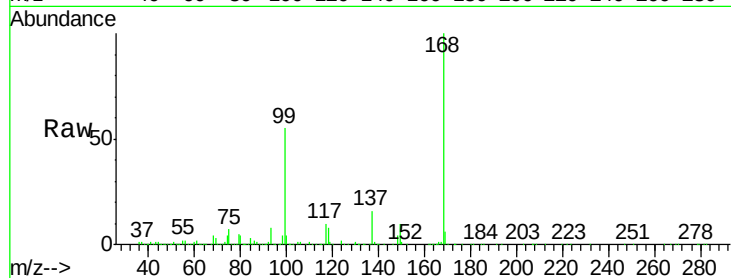
99 55.0 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

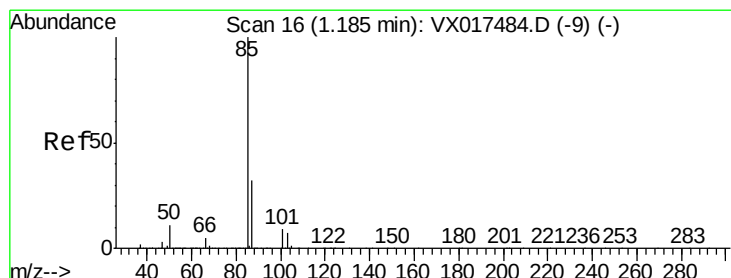
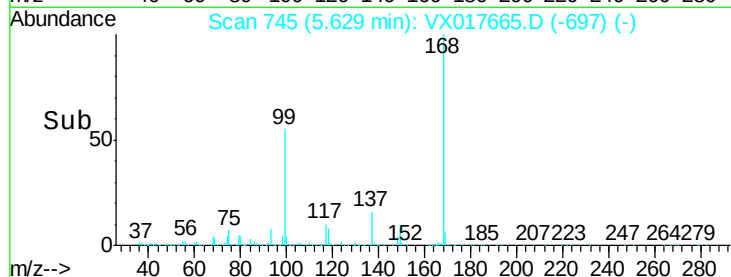
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.313 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017665.D

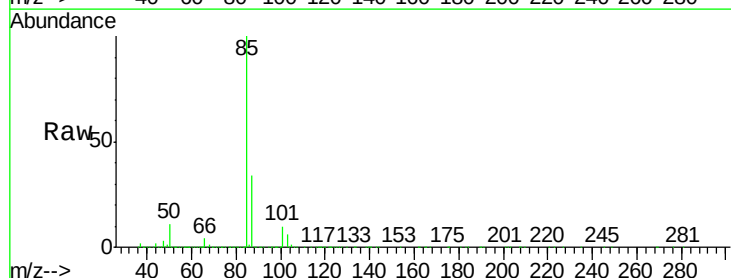
Acq: 29 Jul 2020 10:32

Tgt Ion: 85 Resp: 275981

Ion Ratio Lower Upper

85 100

87 34.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

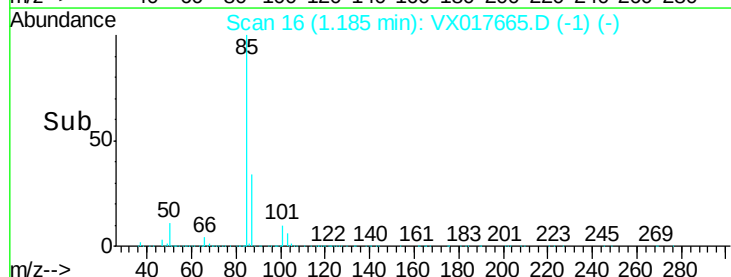
200000

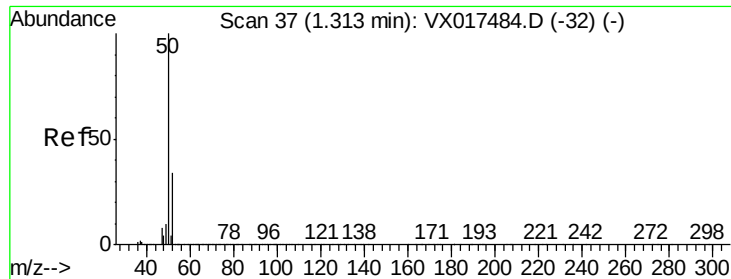
100000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 44.543 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 319061

Ion Ratio Lower Upper

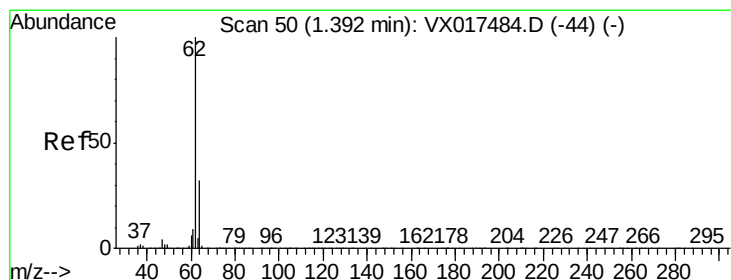
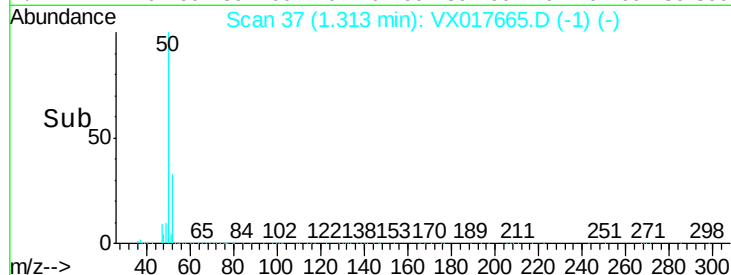
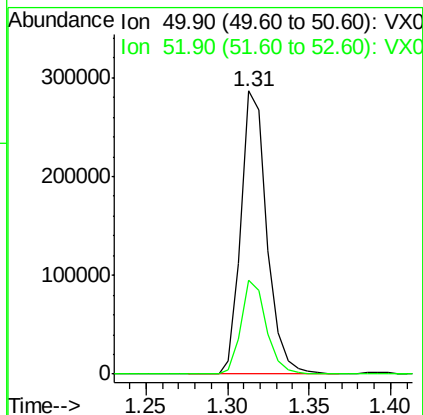
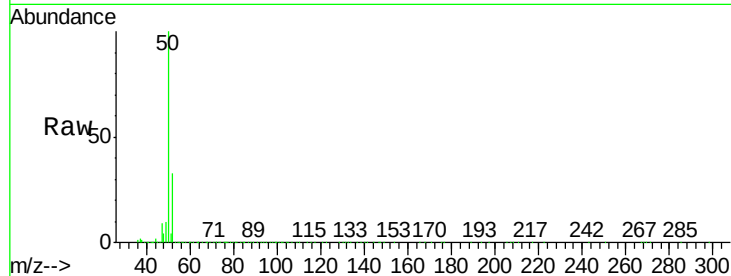
50 100

52 33.3 25.9 38.9

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7/30/2020 6:08:25 PM



#4

Vinyl Chloride

Concen: 44.316 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017665.D

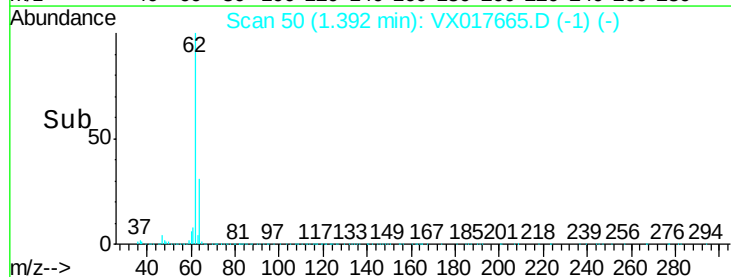
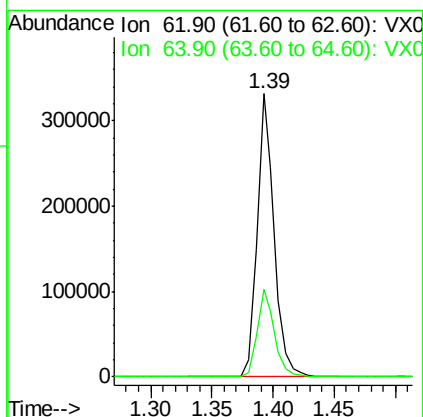
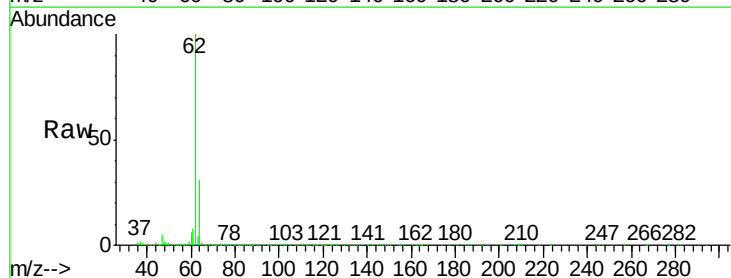
Acq: 29 Jul 2020 10:32

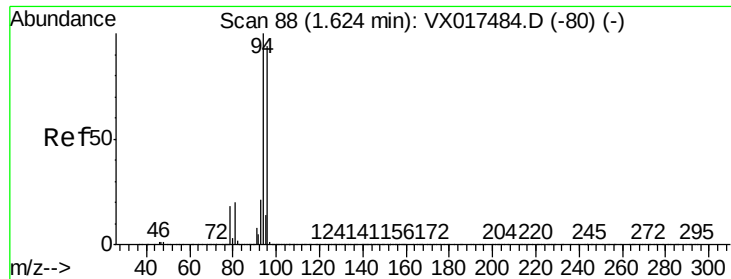
Tgt Ion: 62 Resp: 323451

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 48.627 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 191093

Ion Ratio Lower Upper

94 100

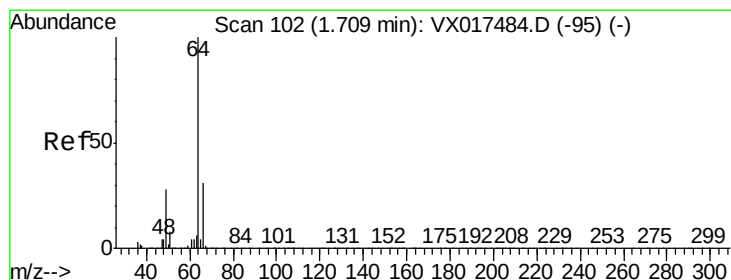
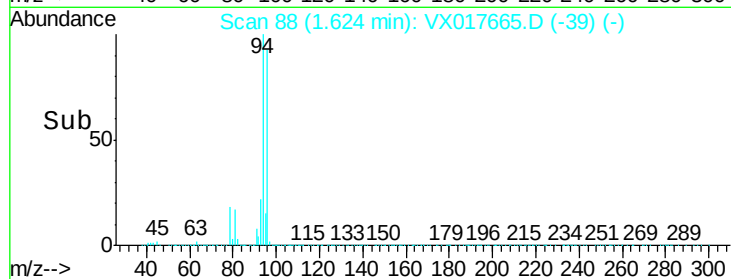
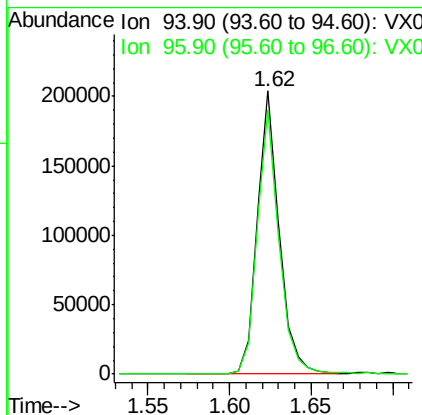
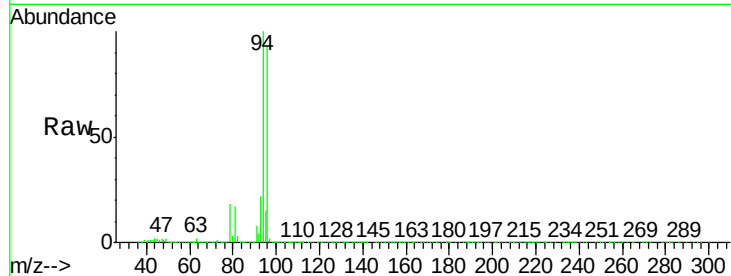
96 93.2 74.1 111.1

Manual Integrations

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7/30/2020 6:08:25 PM



#6

Chloroethane

Concen: 48.529 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017665.D

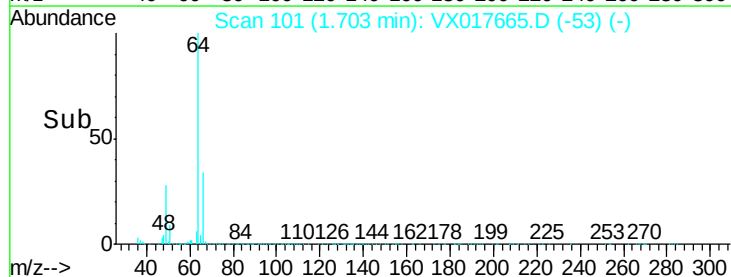
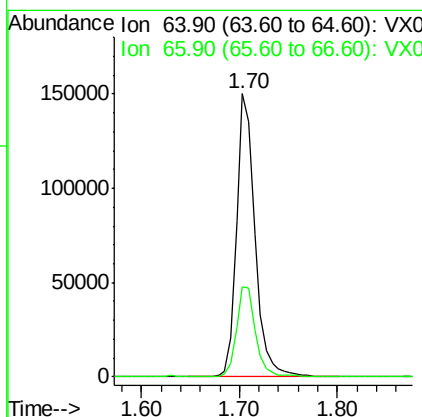
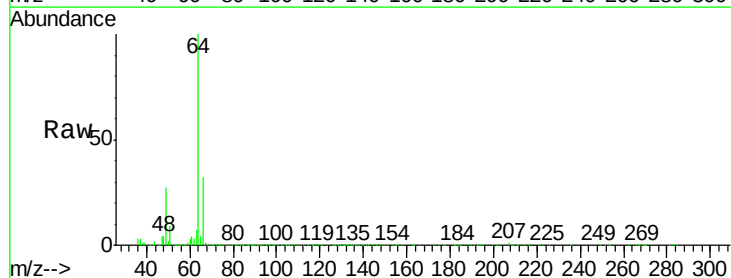
Acq: 29 Jul 2020 10:32

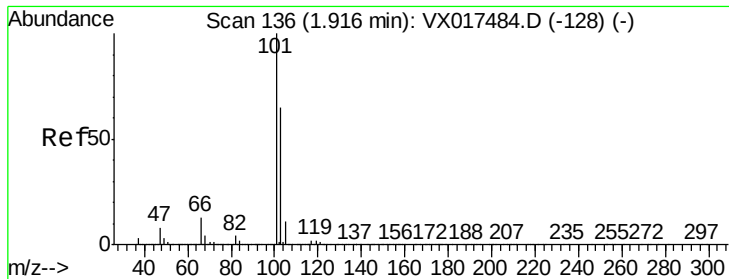
Tgt Ion: 64 Resp: 195406

Ion Ratio Lower Upper

64 100

66 31.8 24.9 37.3





#7

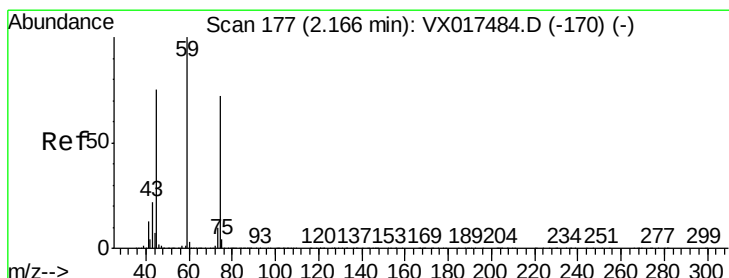
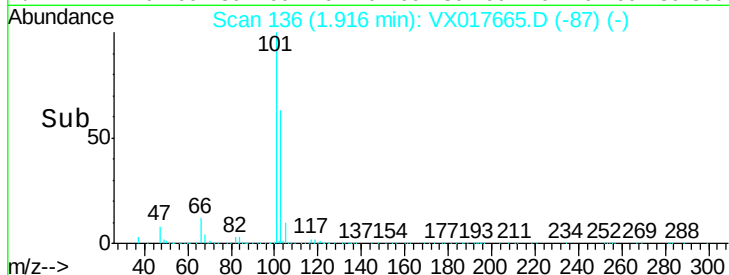
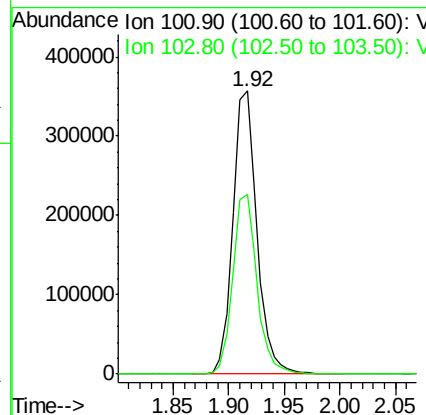
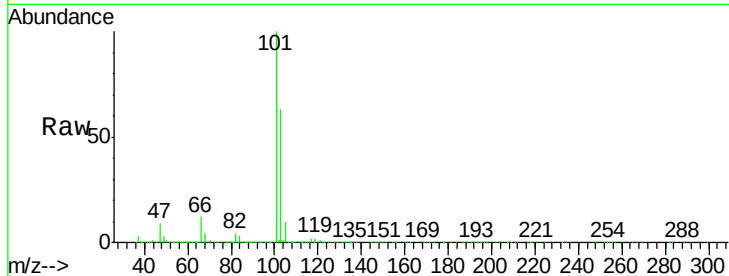
Trichlorofluoromethane
Concen: 46.438 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.8	77.8

Manual Integrations
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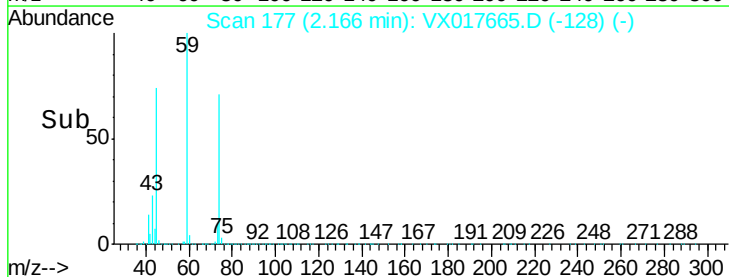
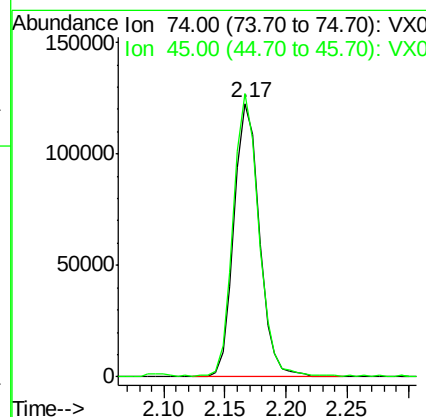
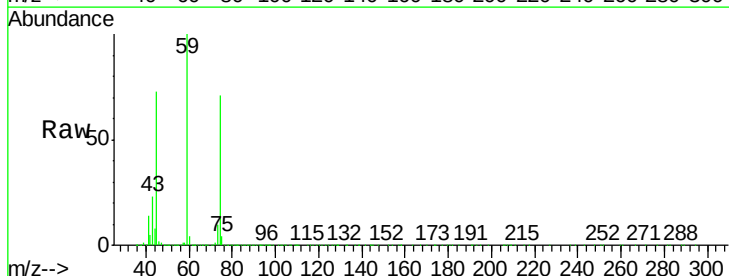
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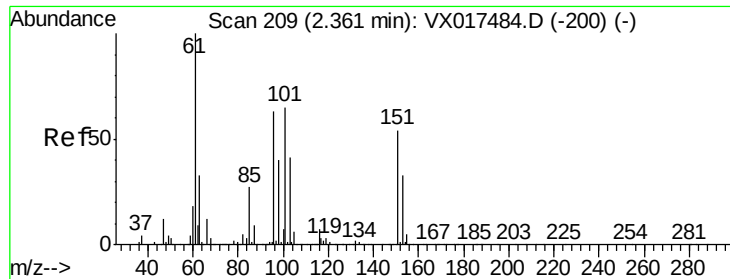


#8

Diethyl Ether
Concen: 47.124 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017665.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	50.8	152.5





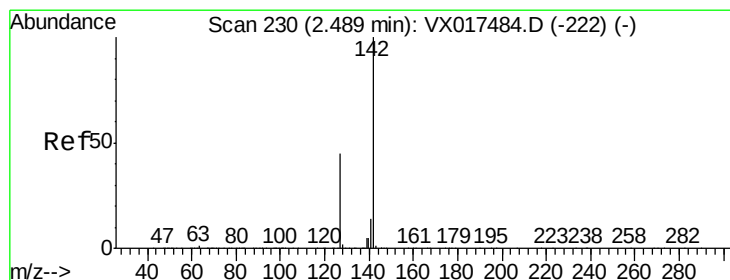
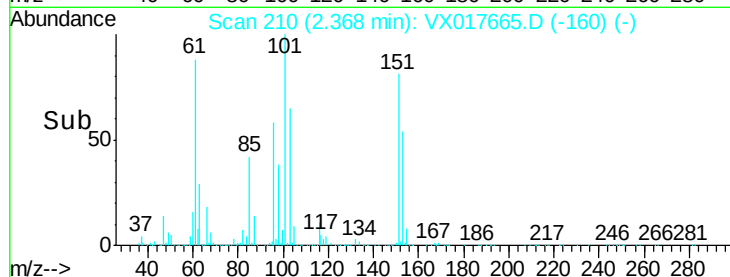
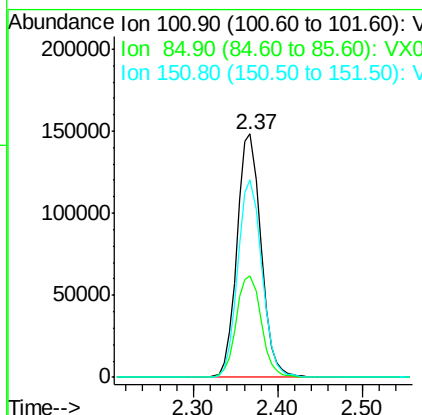
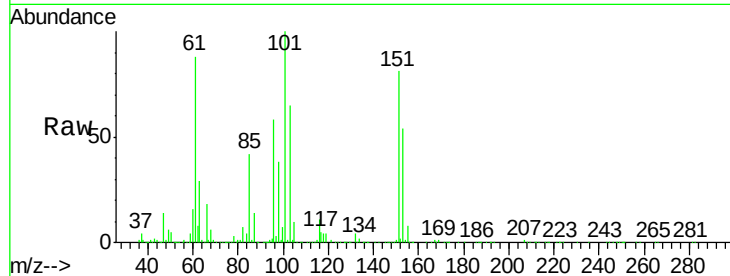
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.107 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017665.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	284166		
85	43.4	34.8	52.2	
151	81.7	68.0	102.0	

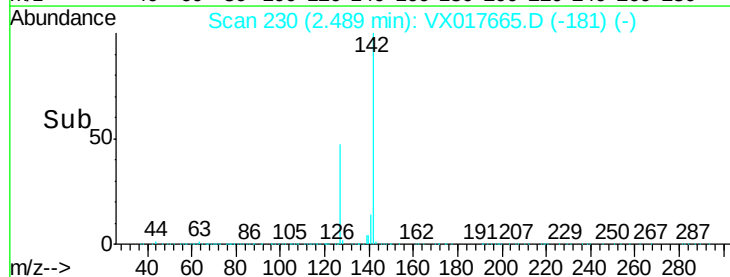
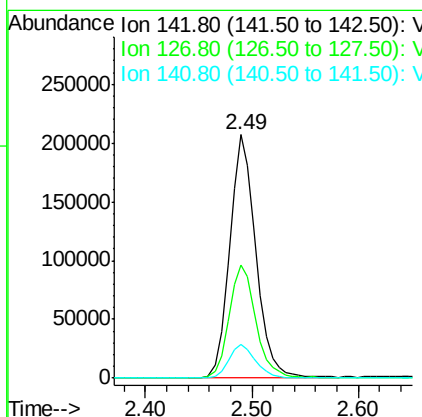
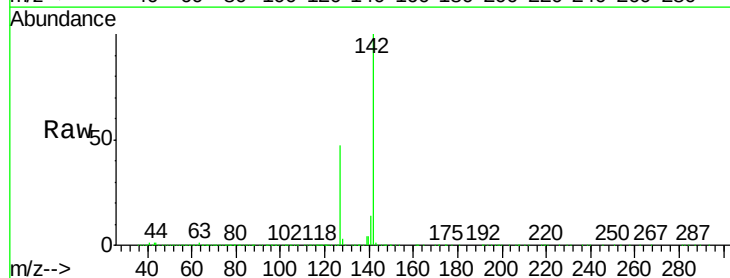
Manual Integrations
APPROVED

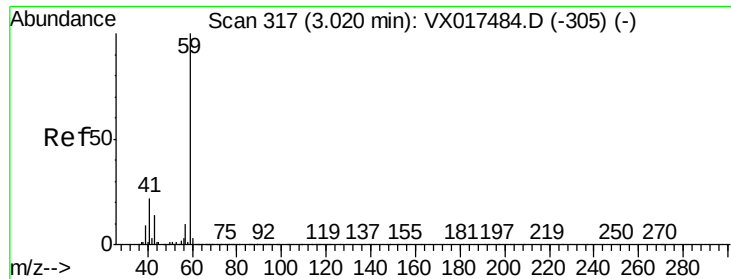
MMDadoda
7/30/2020 6:08:25 PM



#10
Methyl Iodide
Concen: 44.326 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	357253		
127	48.0	35.9	53.9	
141	14.2	11.4	17.0	





#11

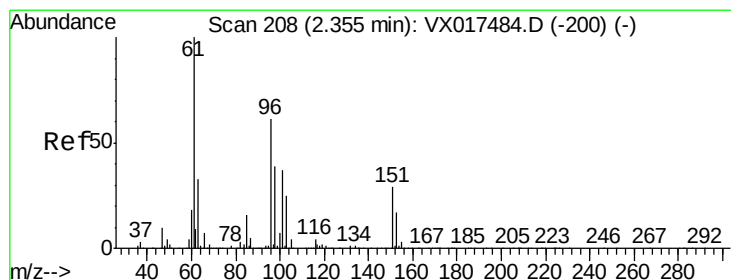
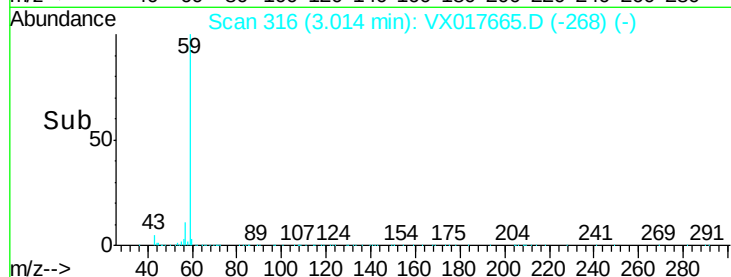
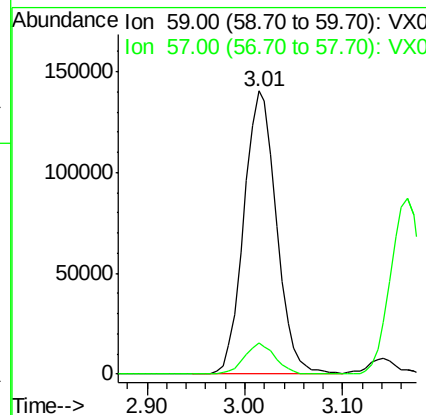
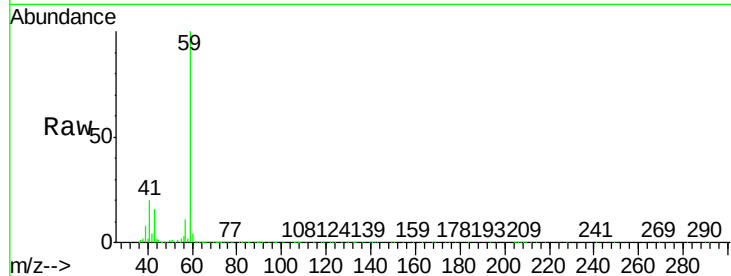
Tert butyl alcohol
Concen: 206.278 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

Manual Integrations
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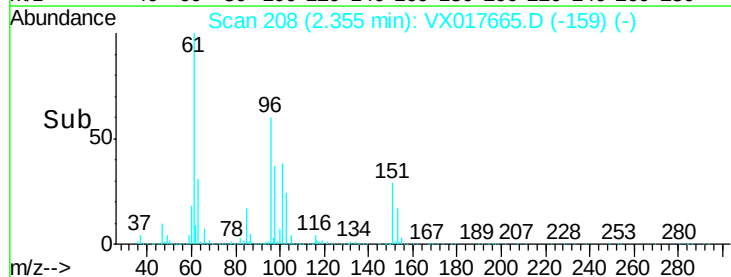
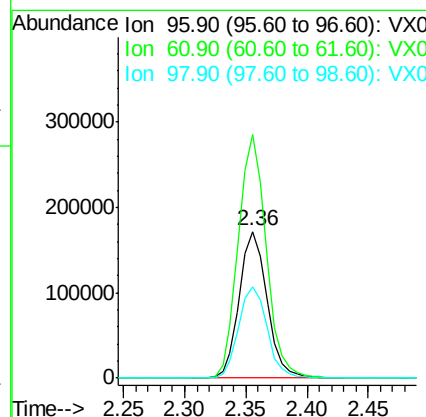
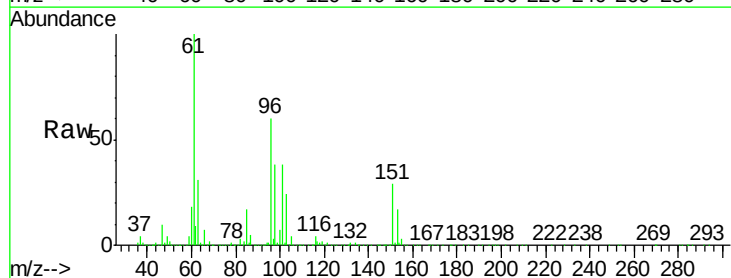
MMDadoda
7/30/2020 6:08:25 PM

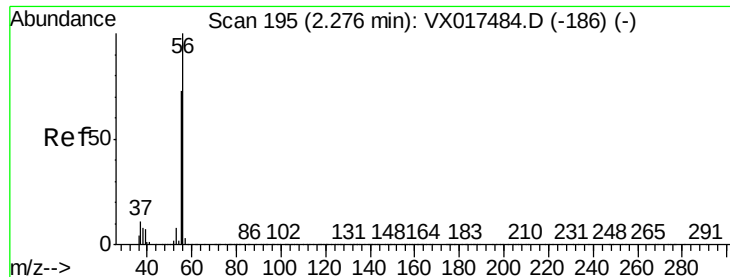


#12

1,1-Dichloroethene
Concen: 44.861 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.1	134.0	201.0
98	62.3	51.0	76.4





#13

Acrolein

Concen: 359.171 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 432808

Ion Ratio Lower Upper

56 100

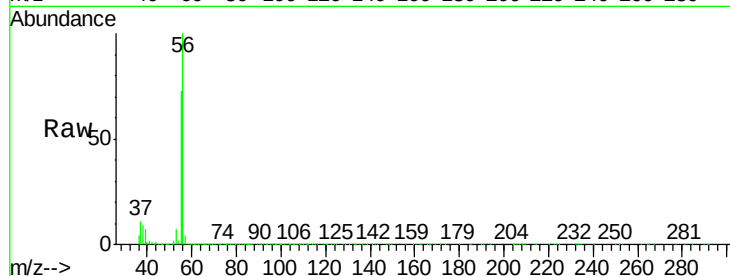
55 73.3 57.4 86.2

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

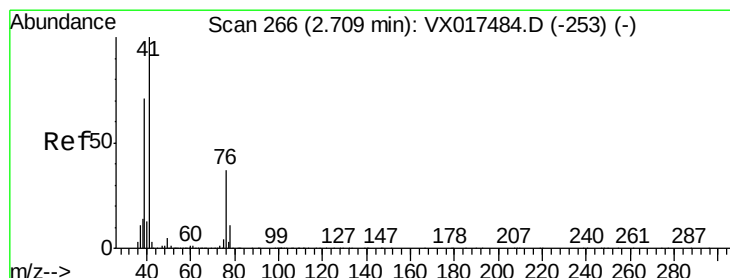
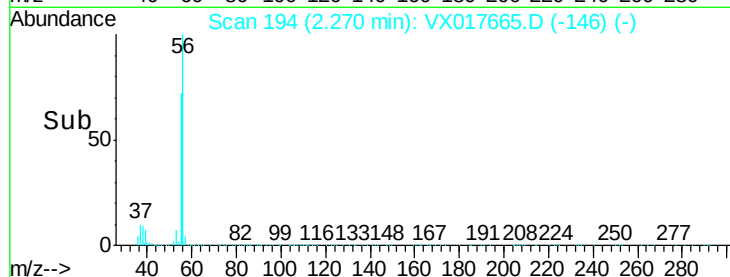
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 45.706 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

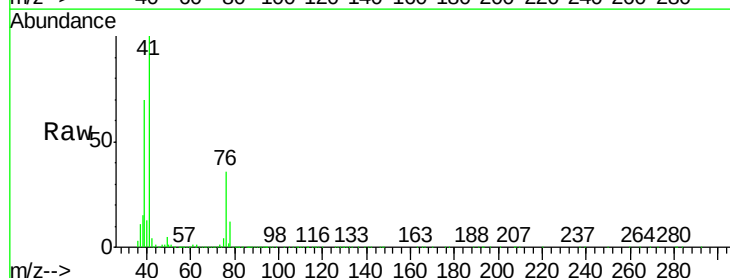
Tgt Ion: 41 Resp: 499981

Ion Ratio Lower Upper

41 100

39 66.9 51.9 77.9

76 33.6 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

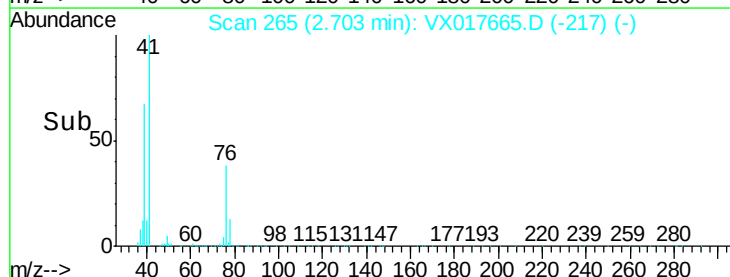
300000

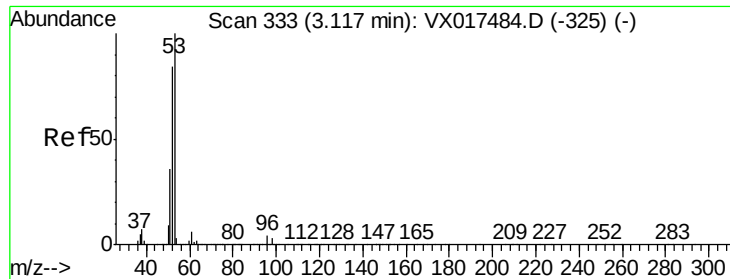
200000

100000

0

Time-->





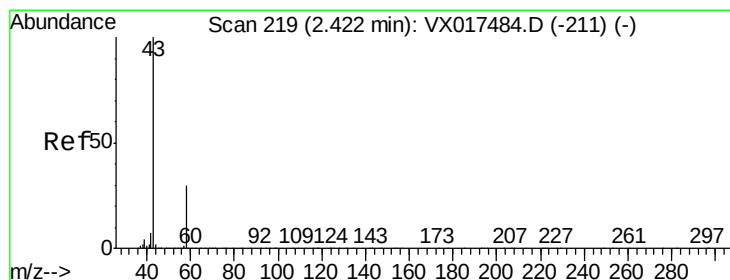
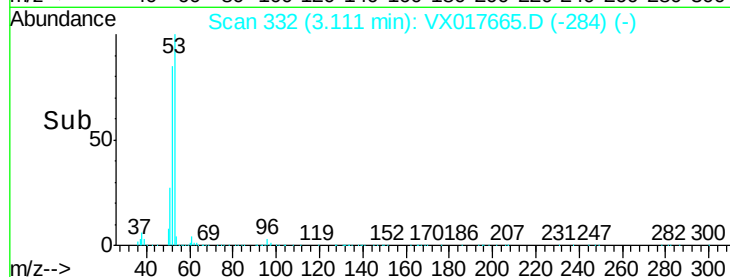
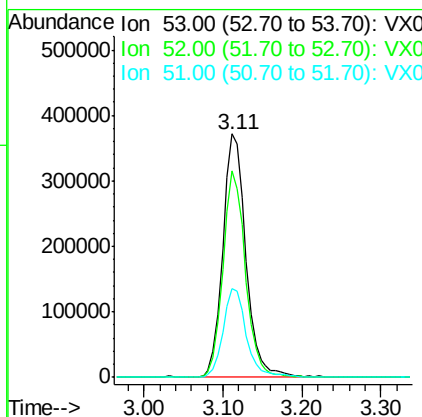
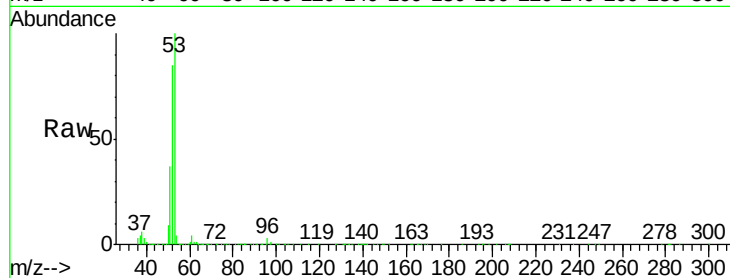
#15
 Acrylonitrile
 Concen: 223.452 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	36.8	29.4	44.2

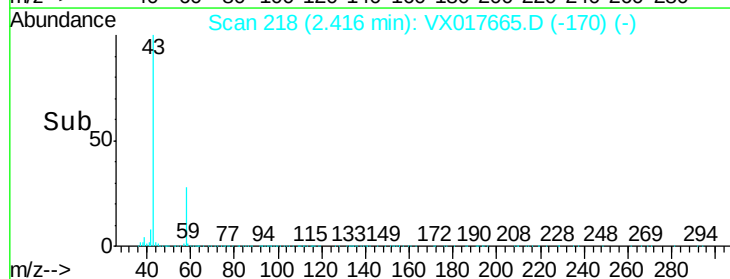
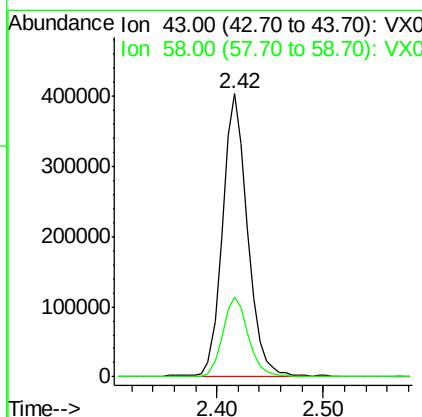
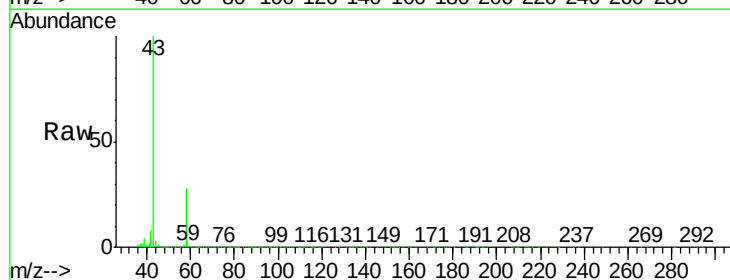
Manual Integrations
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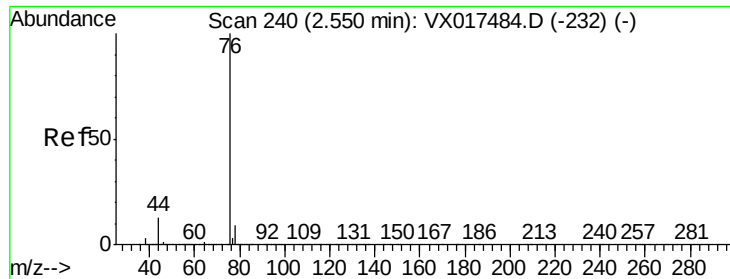
MMDadoda
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#16
 Acetone
 Concen: 200.415 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.2	36.4





#17

Carbon Disulfide

Concen: 42.139 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 767330

Ion Ratio Lower Upper

76 100

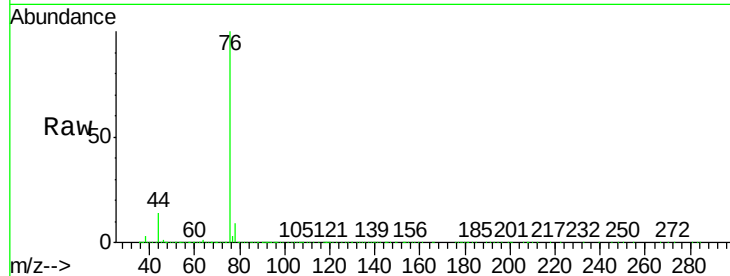
78 9.1 7.5 11.3

Manual Integrations

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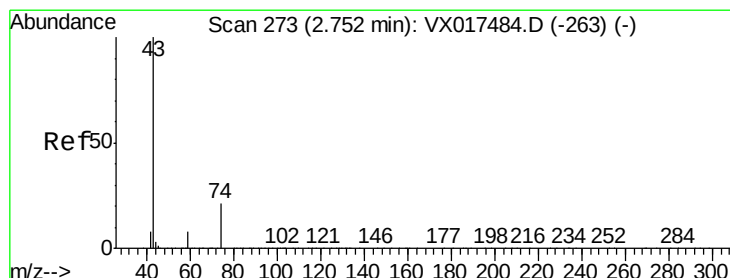
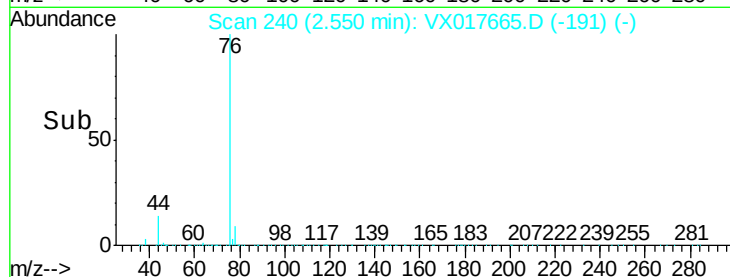
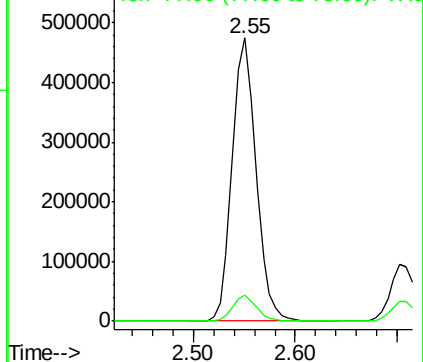
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.789 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017665.D

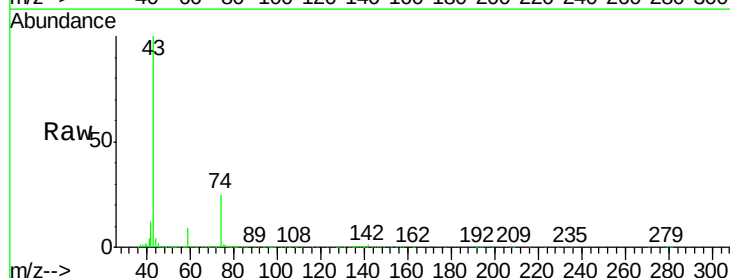
Acq: 29 Jul 2020 10:32

Tgt Ion: 43 Resp: 338185

Ion Ratio Lower Upper

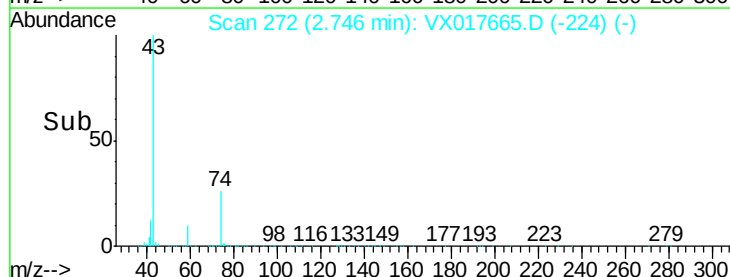
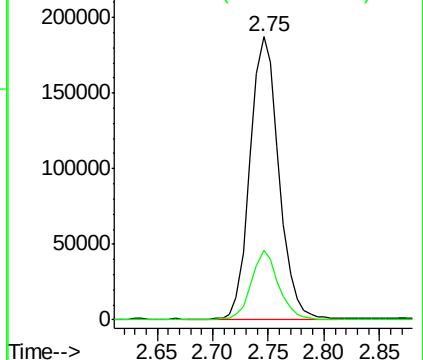
43 100

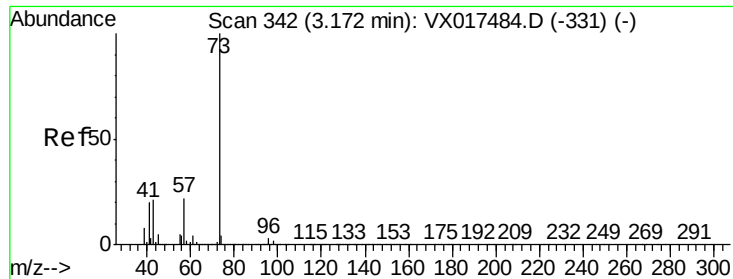
74 23.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





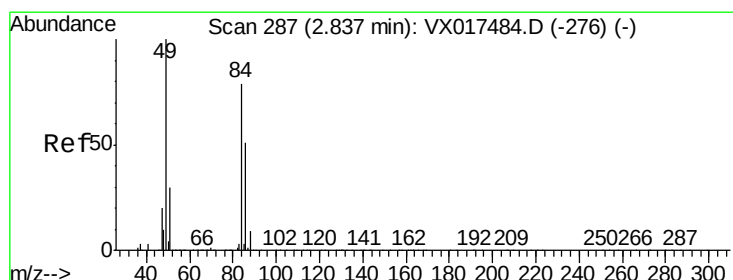
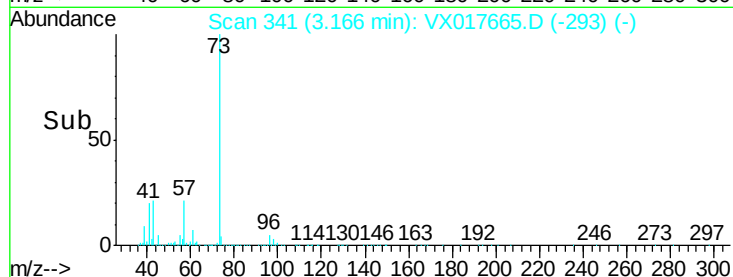
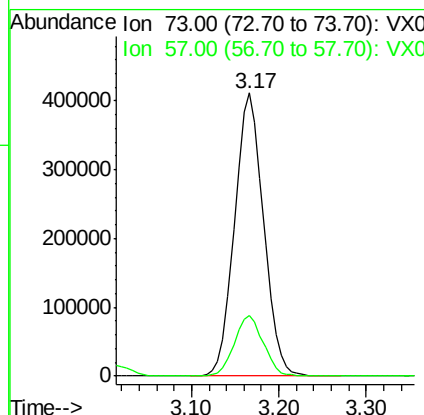
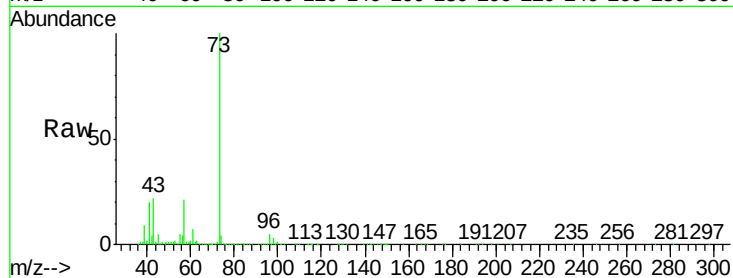
#19
Methyl tert-butyl Ether
Concen: 45.776 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 949185
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

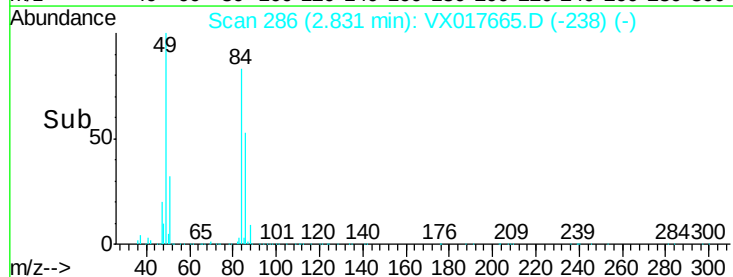
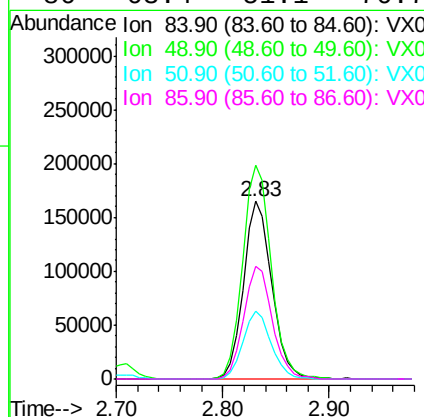
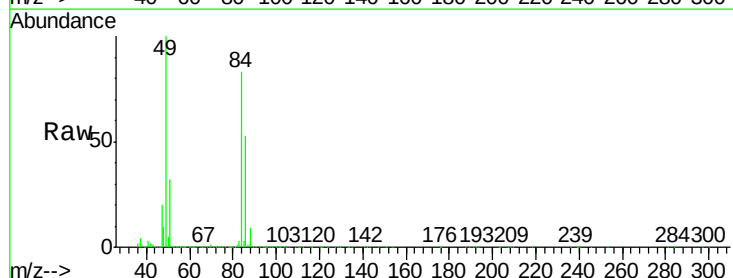
Manual Integrations
APPROVED

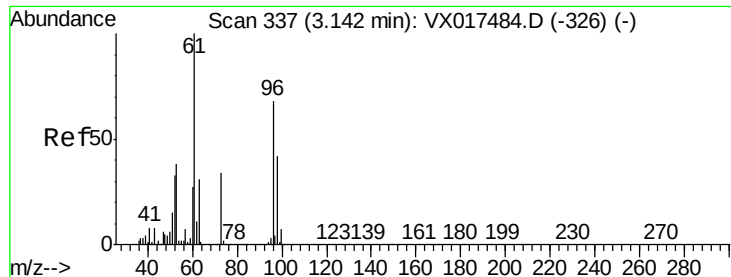
MMDadoda
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#20
Methylene Chloride
Concen: 49.682 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 84 Resp: 306889
Ion Ratio Lower Upper
84 100
49 120.3 100.3 150.5
51 38.1 30.5 45.7
86 63.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.496 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

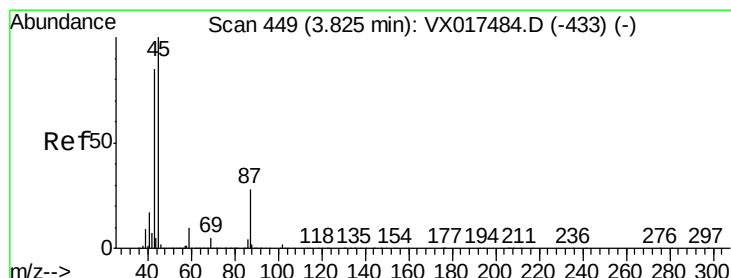
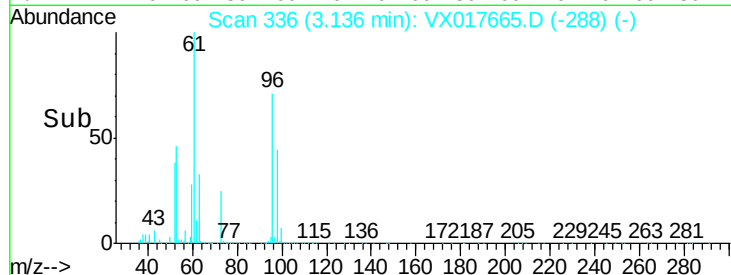
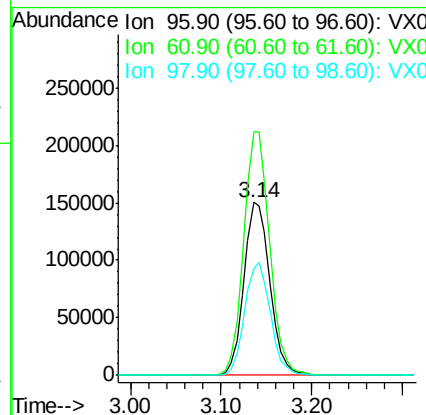
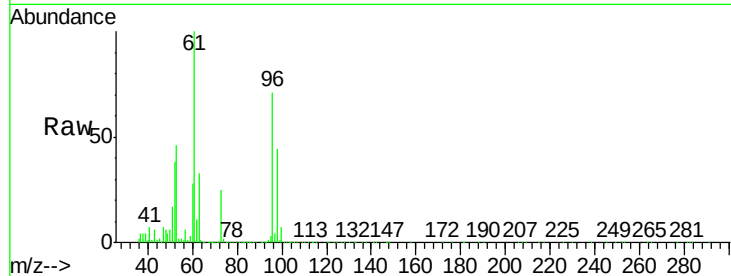
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	298411
Ion Ratio	Lower	Upper	
96	100		
61	140.2	113.0	169.4
98	61.2	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.429 ug/l

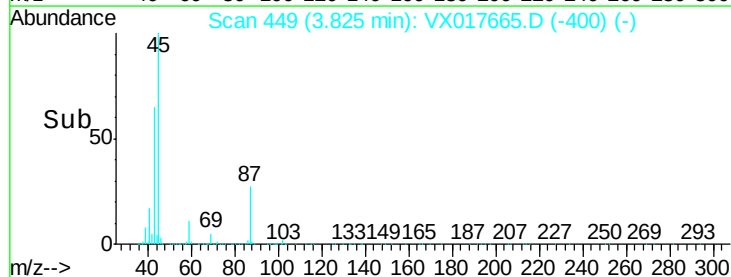
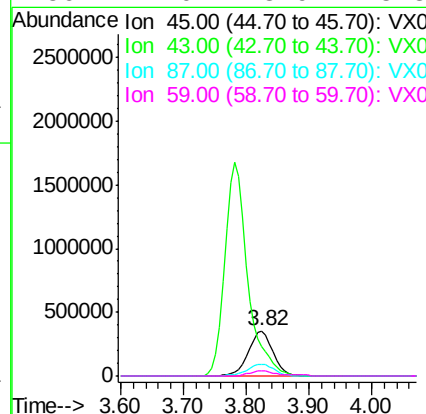
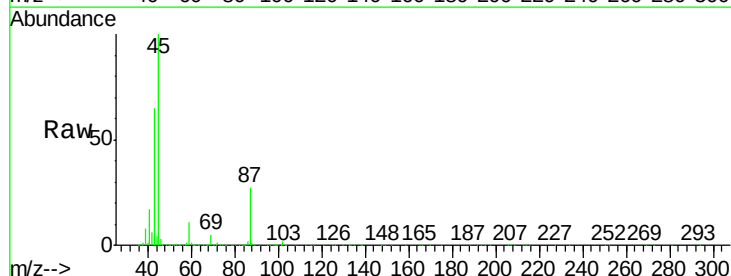
RT: 3.82 min Scan# 449

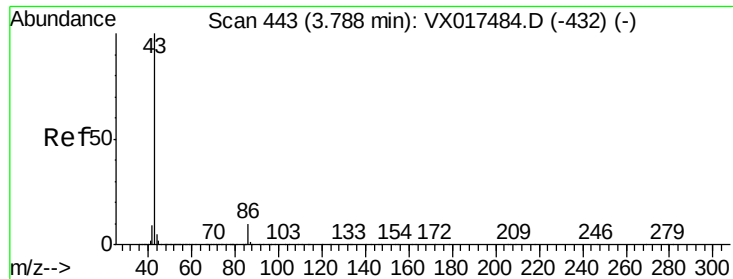
Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion:	45	Resp:	948663
Ion Ratio	Lower	Upper	
45	100		
43	65.4	52.0	78.0
87	26.9	22.2	33.4
59	11.0	8.9	13.3





#23

Vinyl Acetate

Concen: 237.381 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 4233501

Ion Ratio Lower Upper

43 100

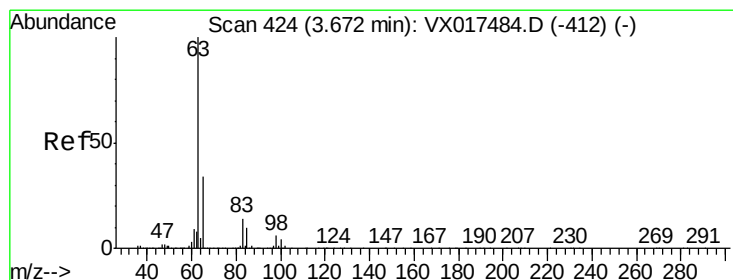
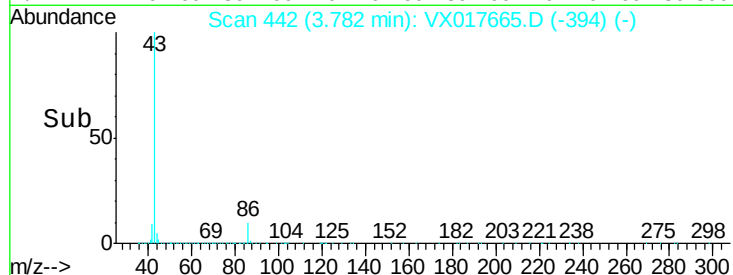
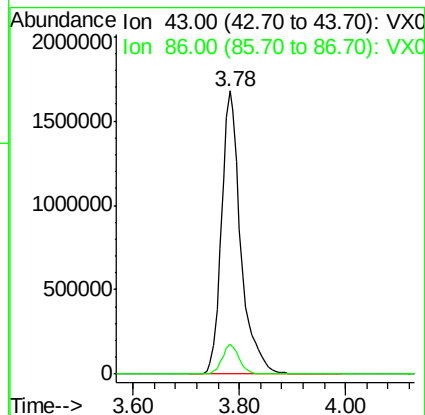
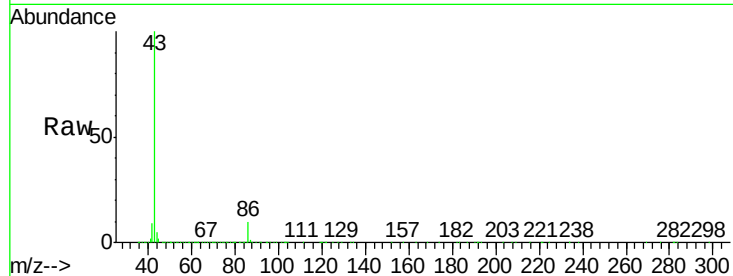
86 10.4 8.2 12.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.449 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

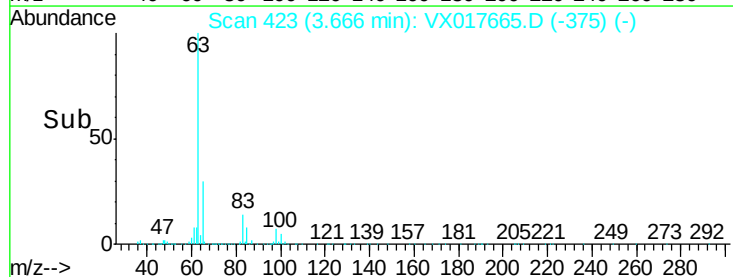
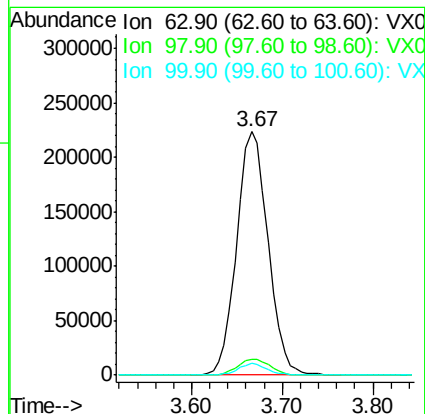
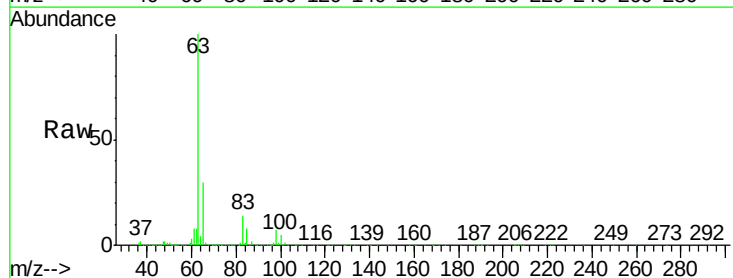
Tgt Ion: 63 Resp: 535196

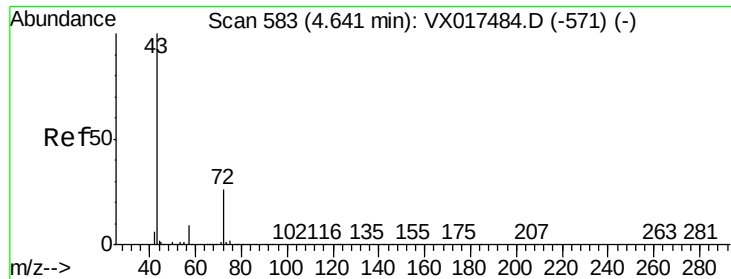
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.6 1.9 5.7





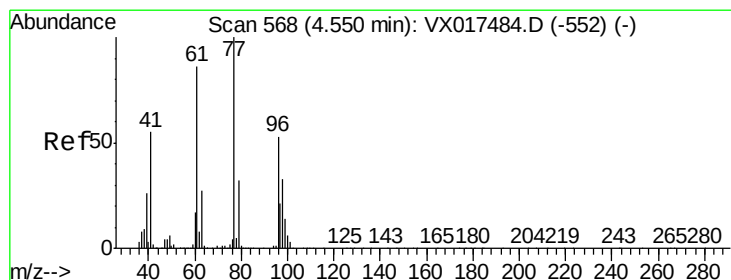
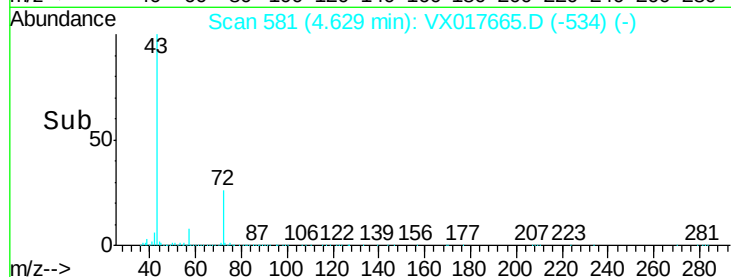
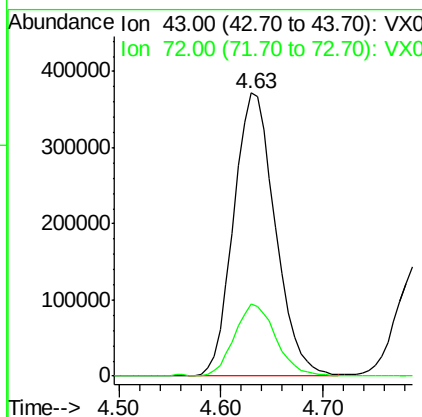
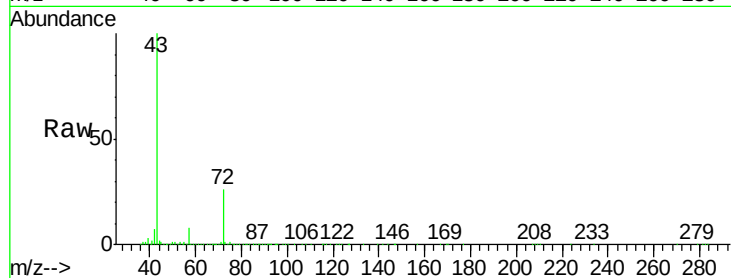
#25
2-Butanone
Concen: 225.437 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1050193
Ion Ratio Lower Upper
43 100
72 25.5 19.0 28.4

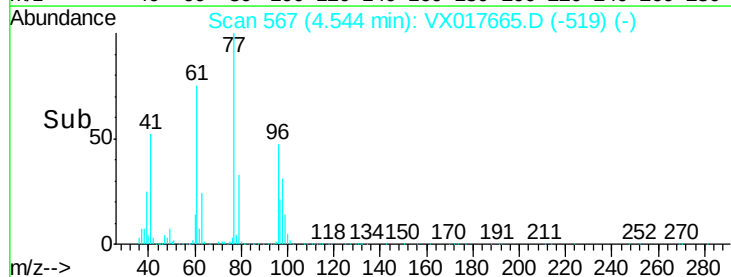
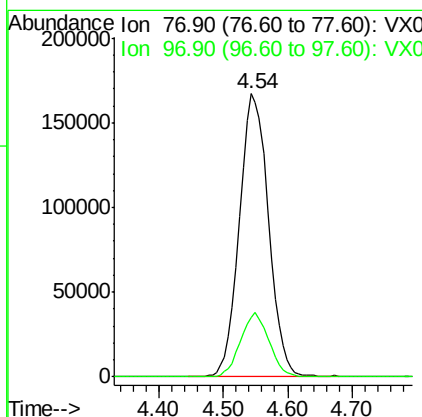
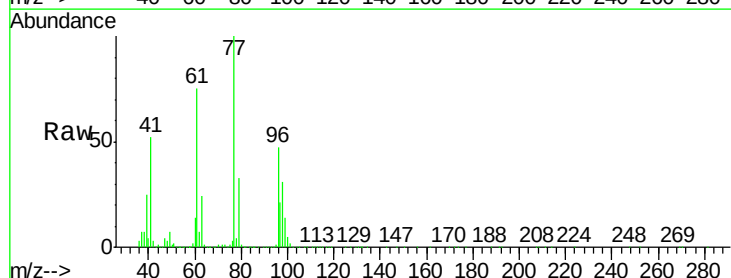
Manual Integrations
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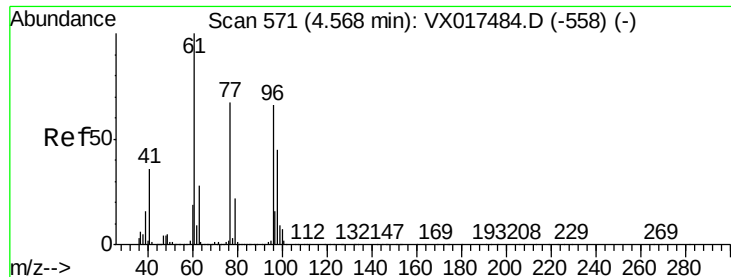
MMDadoda
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#26
2,2-Dichloropropane
Concen: 50.492 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 77 Resp: 520779
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

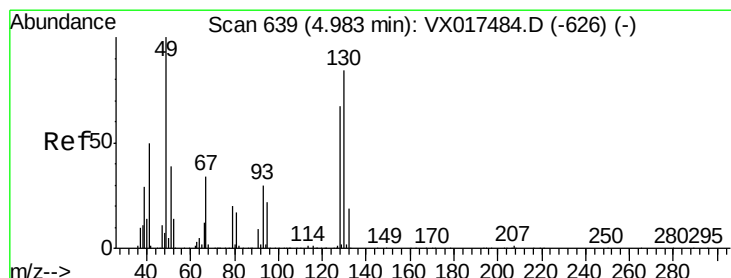
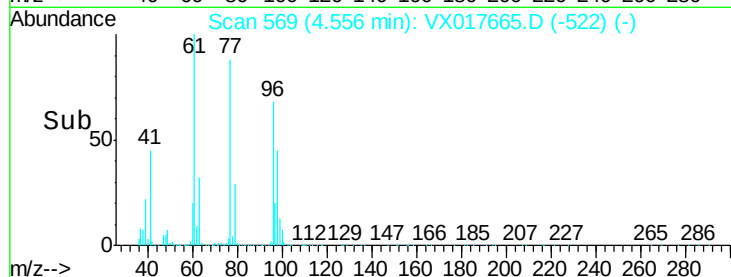
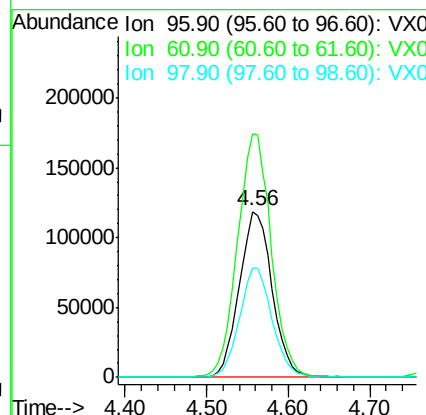
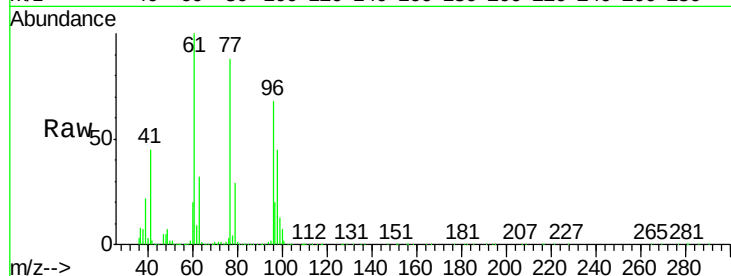
cis-1,2-Dichloroethene
Concen: 47.198 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	329010		
61	151.5	0.0	301.2	
98	65.9	0.0	130.0	

Manual Integrations
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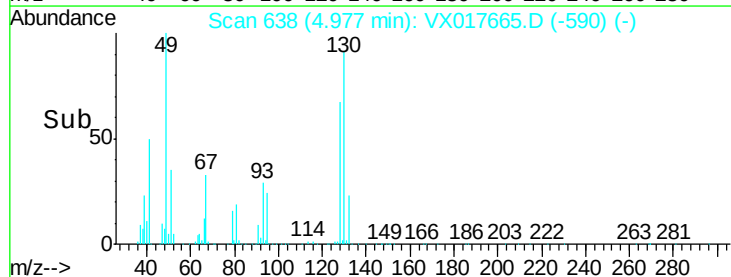
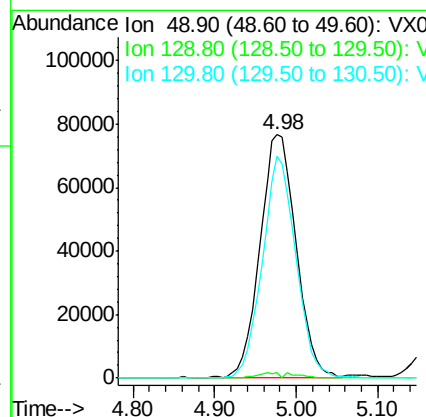
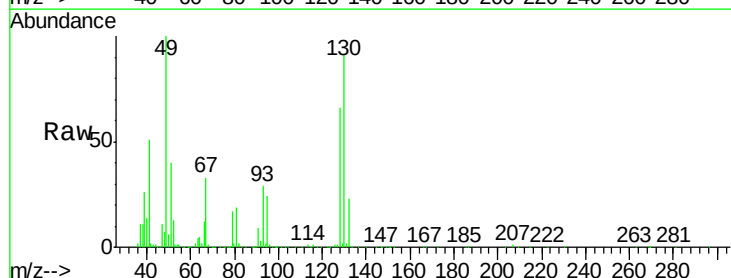
MMDadoda
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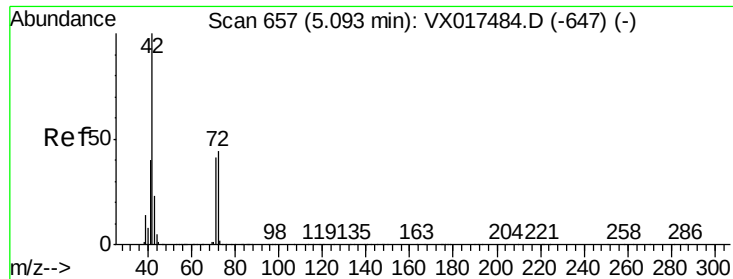


#28

Bromochloromethane
Concen: 45.088 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	235422		
129	1.4	0.0	4.6	
130	84.9	66.7	100.1	





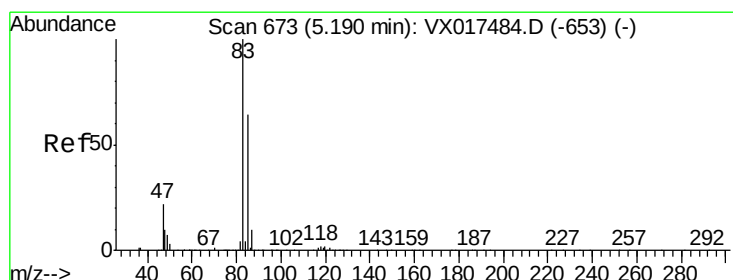
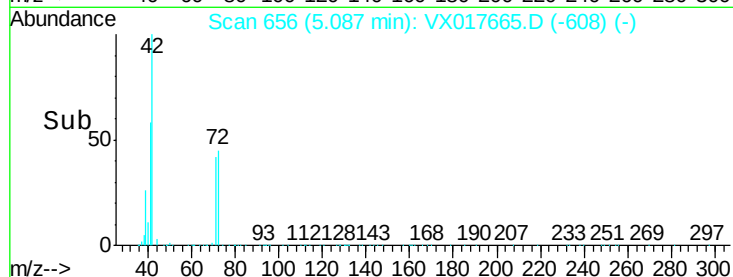
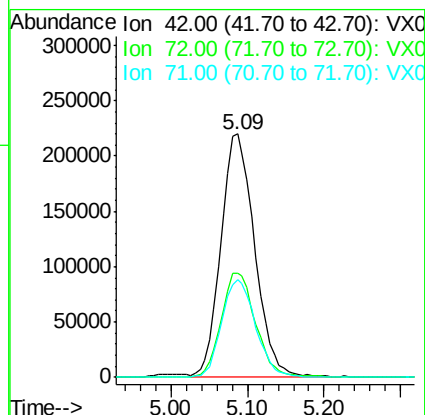
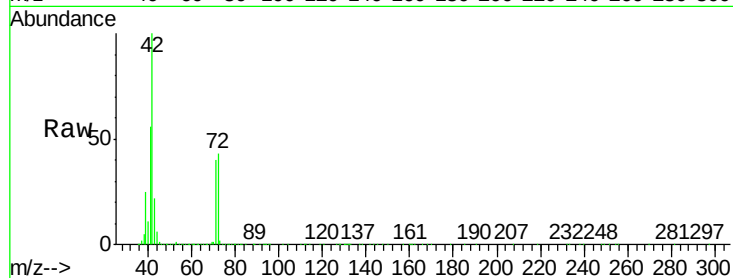
#29
Tetrahydrofuran
Concen: 231.676 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.5	53.3
71	40.5	33.0	49.4

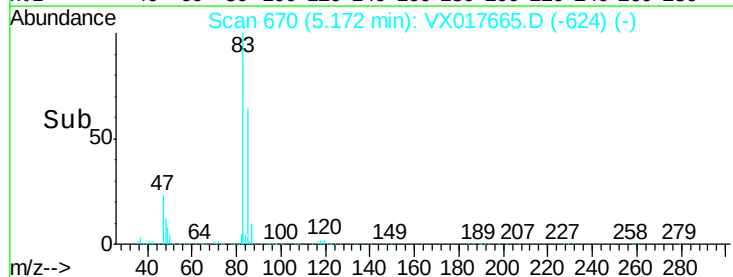
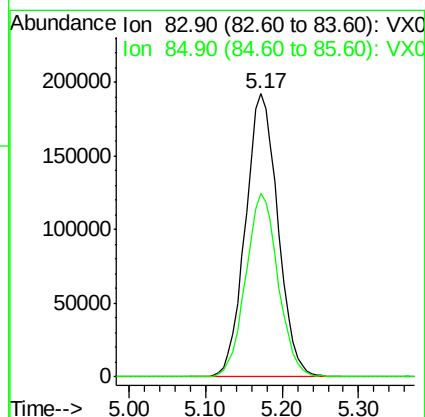
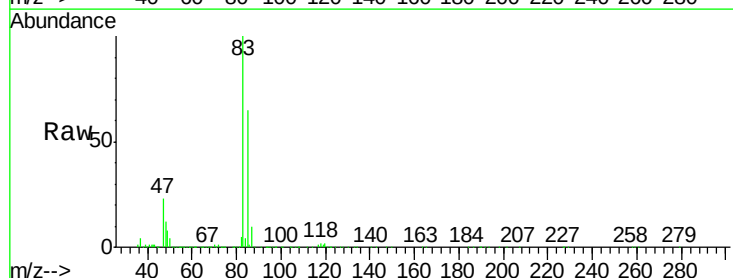
Manual Integrations
APPROVED

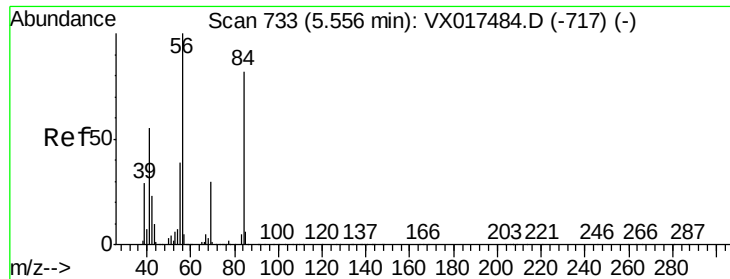
MMDadoda
7/30/2020 6:08:25 PM



#30
Chloroform
Concen: 48.256 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2





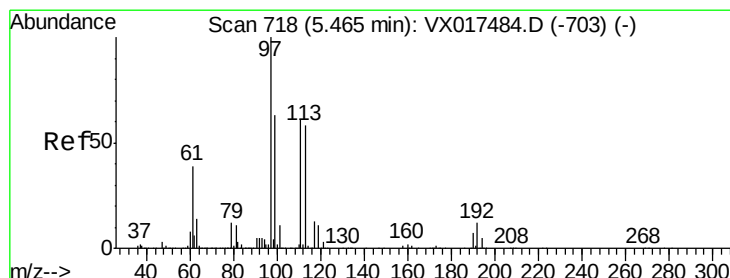
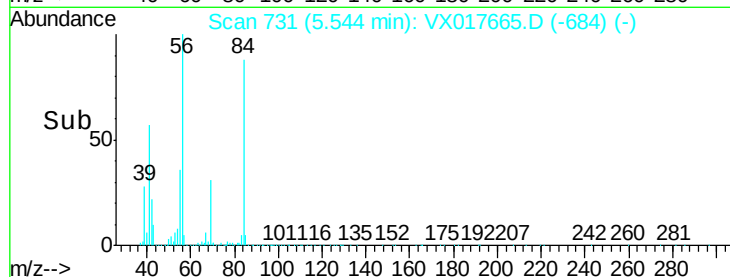
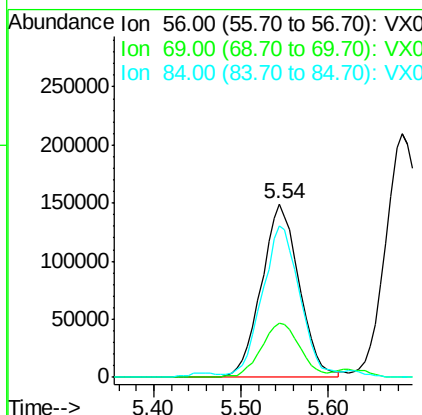
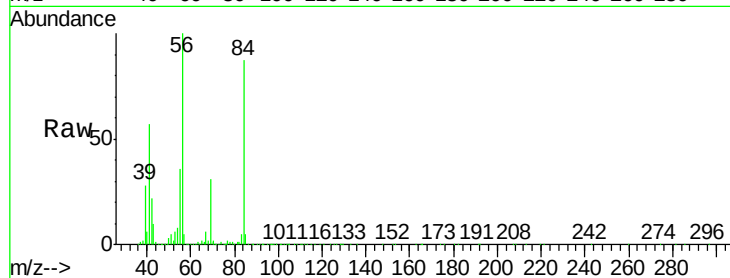
#31
Cyclohexane
Concen: 48.766 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.4
84	86.3	69.0	103.6

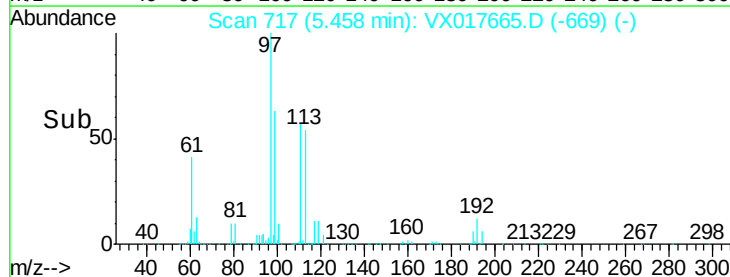
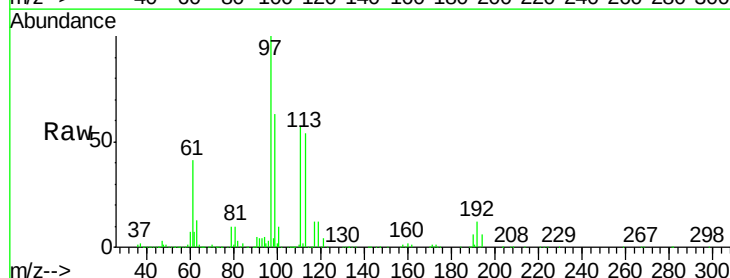
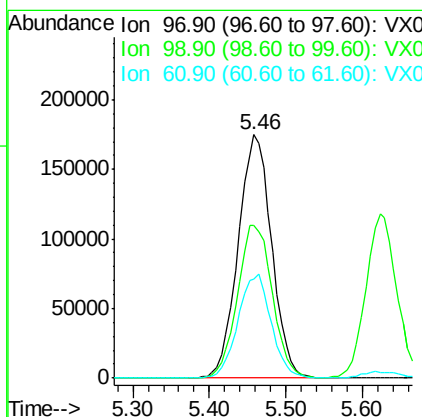
Manual Integrations
APPROVED

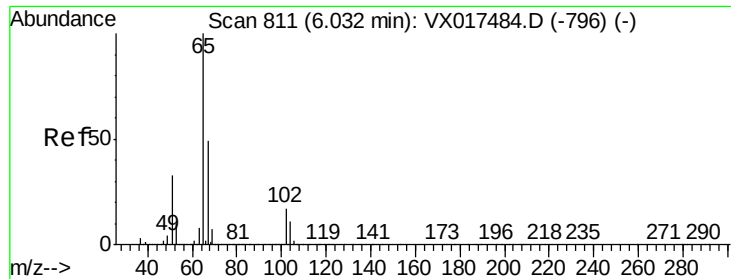
MMDadoda
7/30/2020 6:08:25 PM



#32
1,1,1-Trichloroethane
Concen: 47.876 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.9	77.9
61	42.2	34.1	51.1





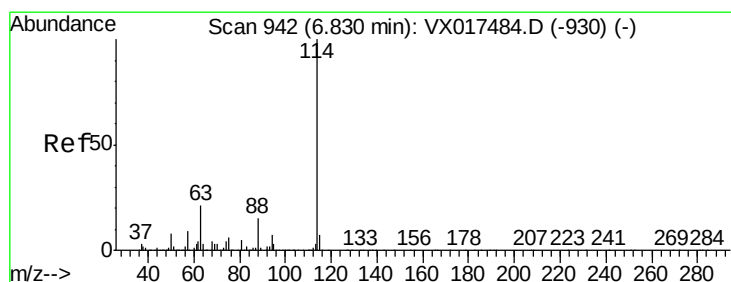
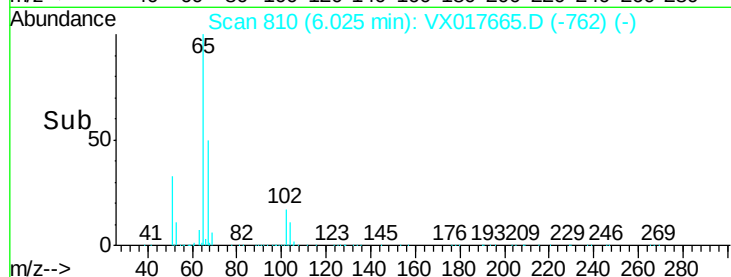
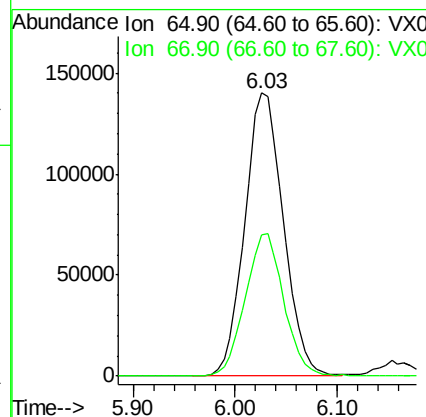
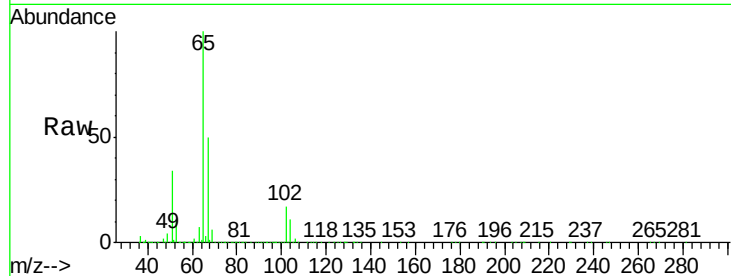
#33
 1,2-Dichloroethane-d4
 Concen: 49.535 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	369060		
67	50.0	0.0	102.8	

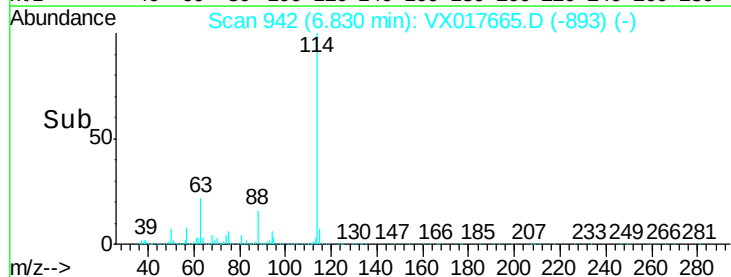
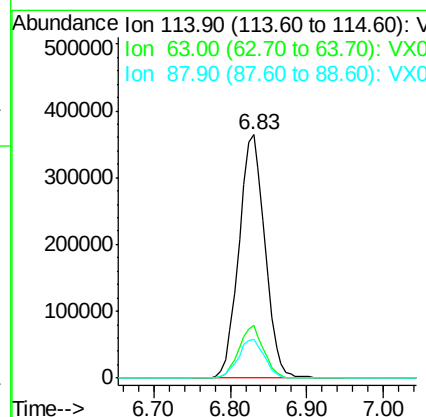
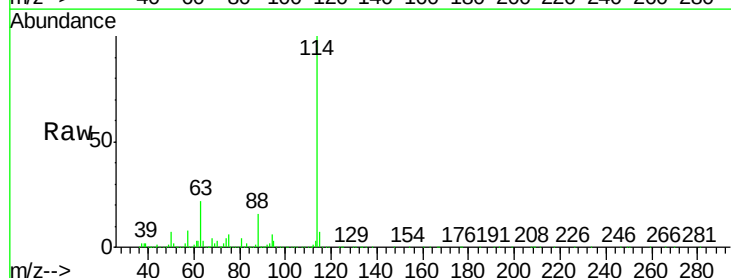
Manual Integrations
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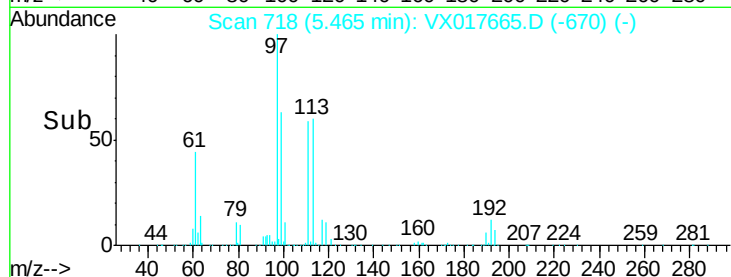
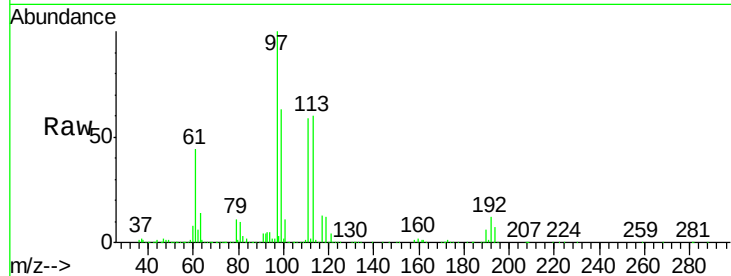
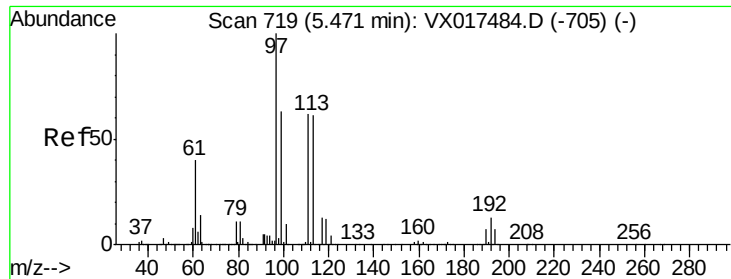
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	857352		
63	21.5	0.0	40.6	
88	16.1	0.0	33.4	





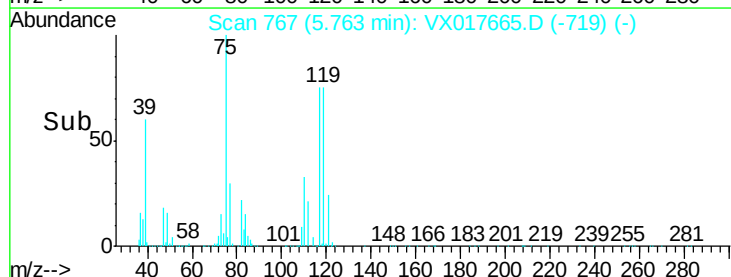
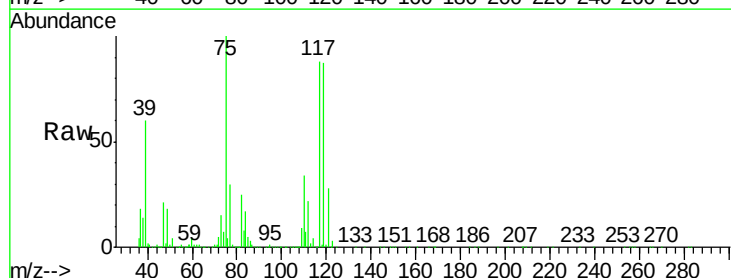
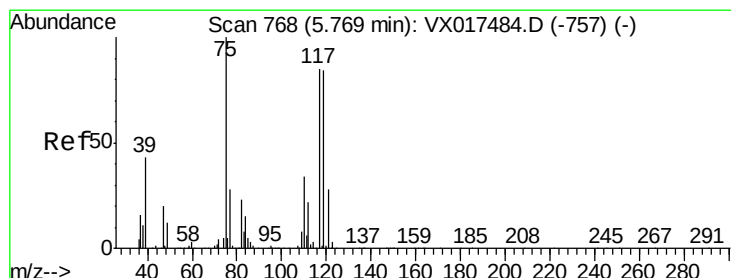
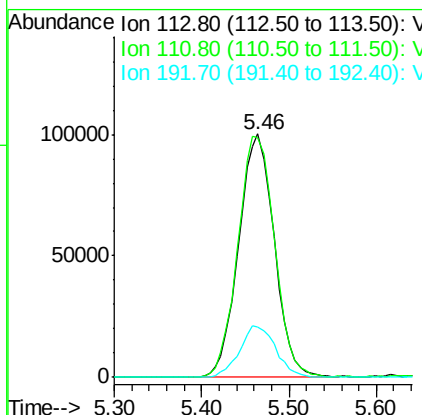
#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	284003		
111	102.3	80.7	121.1	
192	21.6	16.9	25.3	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

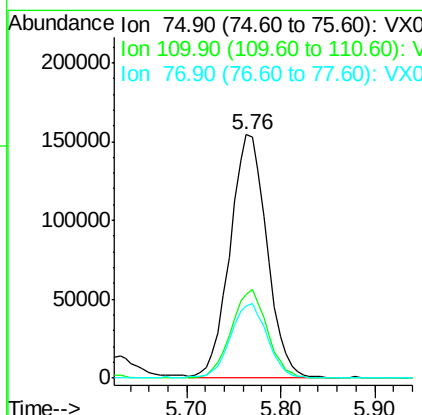
Manual Integrations
APPROVED

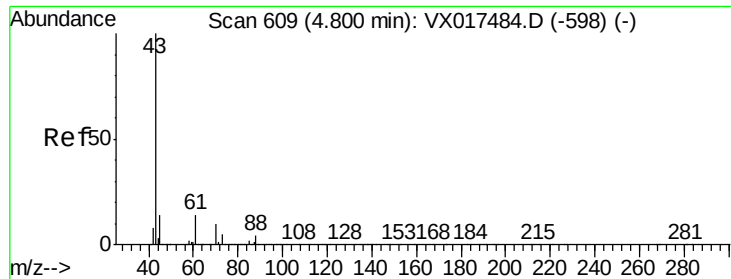
MMDadoda
7/30/2020 6:08:25 PM



#36
1,1-Dichloropropene
Concen: 50.941 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	418876		
110	35.9	18.1	54.3	
77	30.7	24.6	37.0	





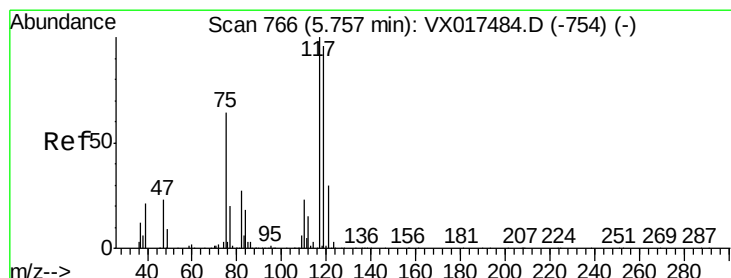
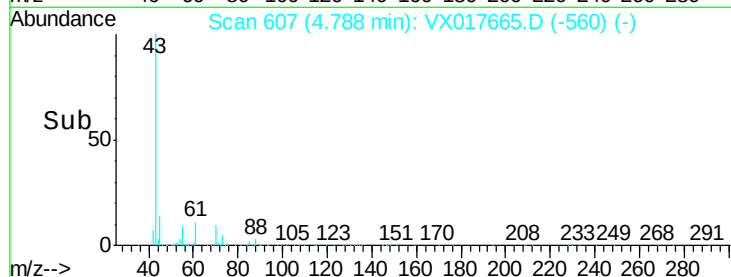
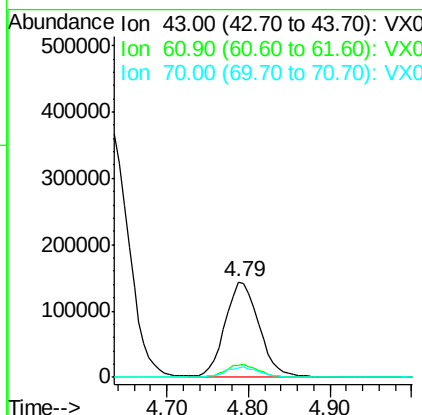
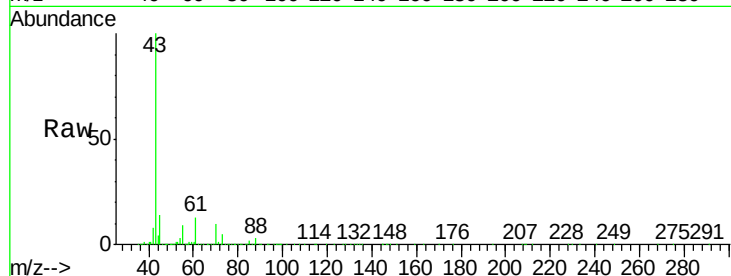
#37
Ethyl Acetate
Concen: 45.830 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.6	8.5	12.7

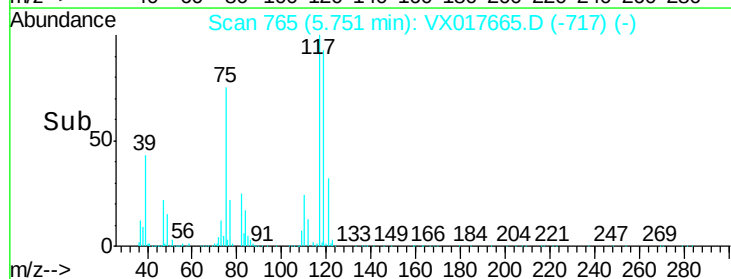
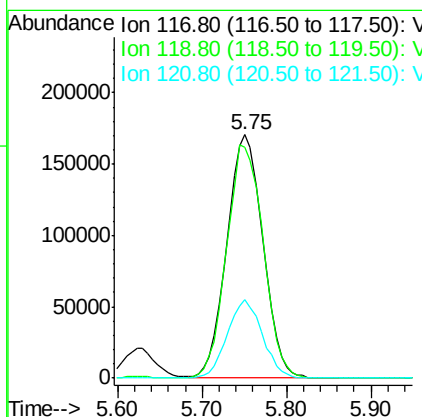
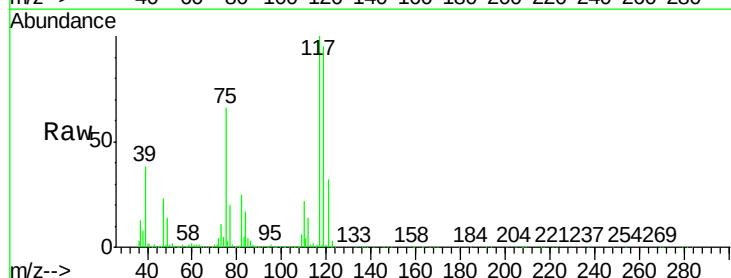
Manual Integrations
APPROVED

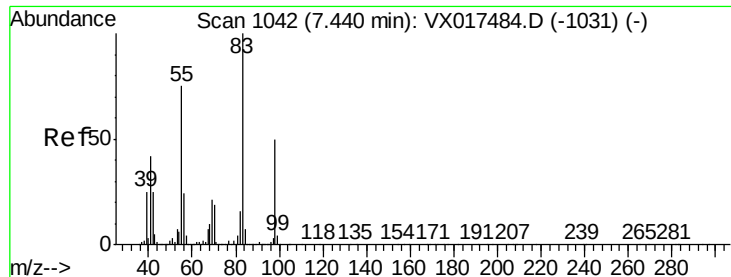
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#38
Carbon Tetrachloride
Concen: 49.793 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.0
121	32.4	24.3	36.5





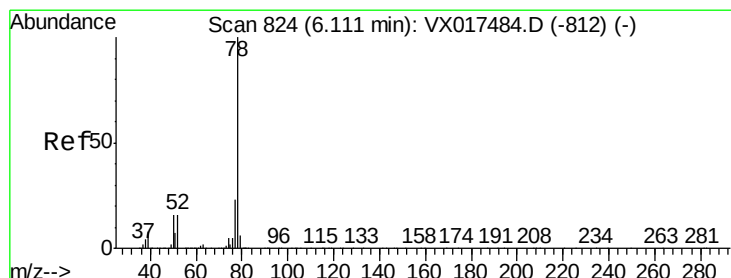
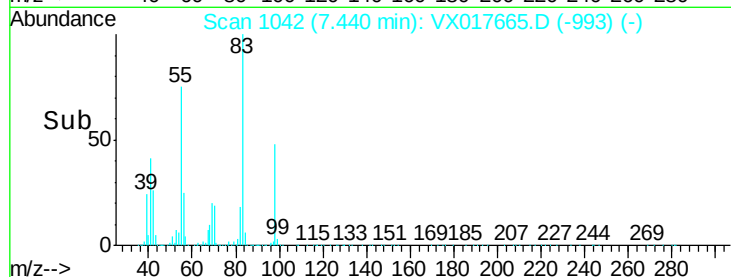
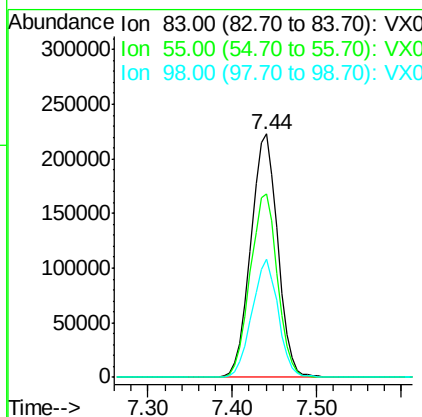
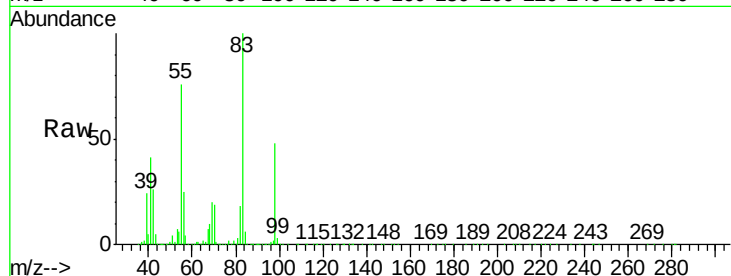
#39
Methylcyclohexane
Concen: 50.223 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.8	92.8
98	48.4	36.9	55.3

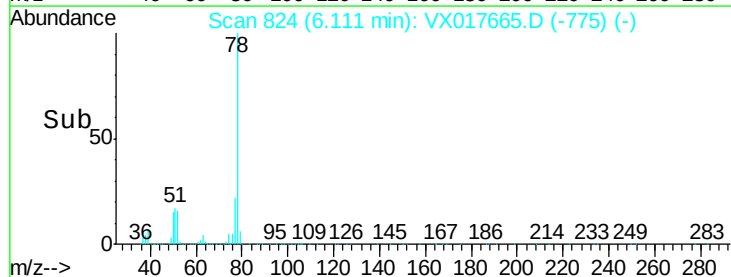
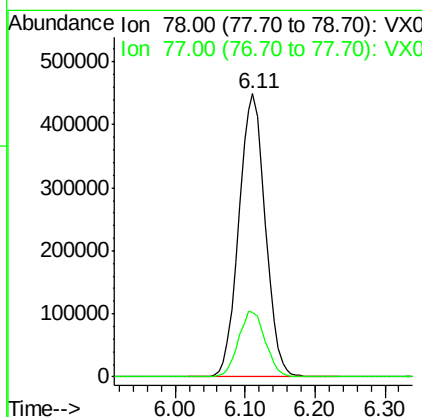
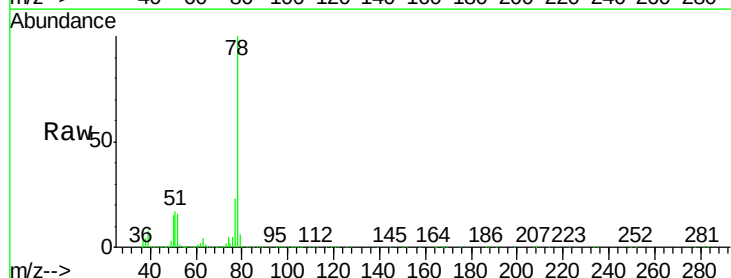
Manual Integrations
APPROVED

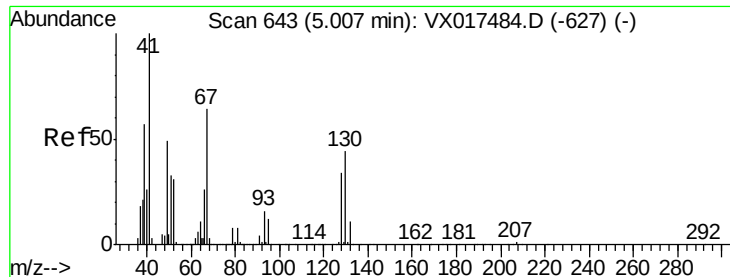
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#40
Benzene
Concen: 49.922 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.2





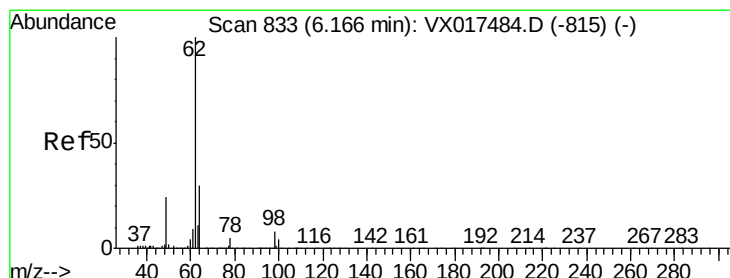
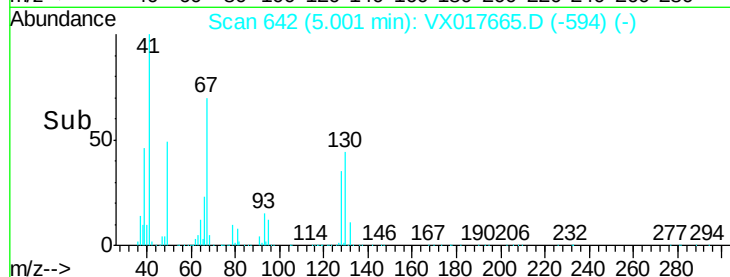
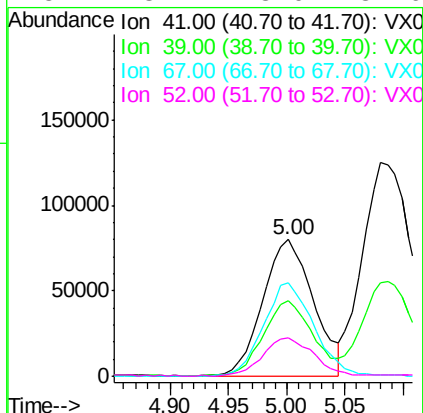
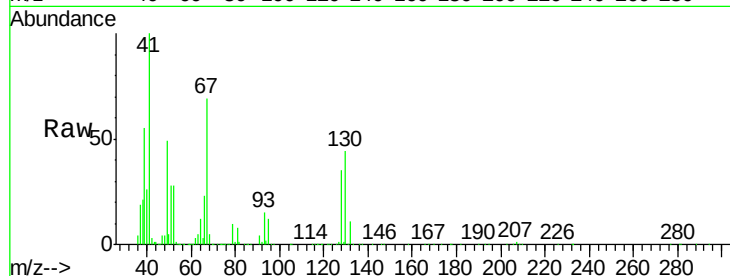
#41
Methacrylonitrile
Concen: 47.107 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	43.9	65.9	
67	67.5	54.0	81.0	
52	28.1	23.0	34.6	

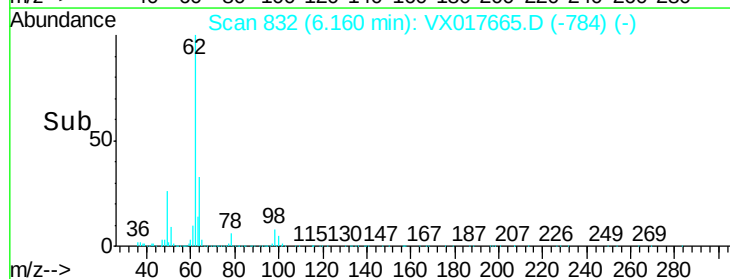
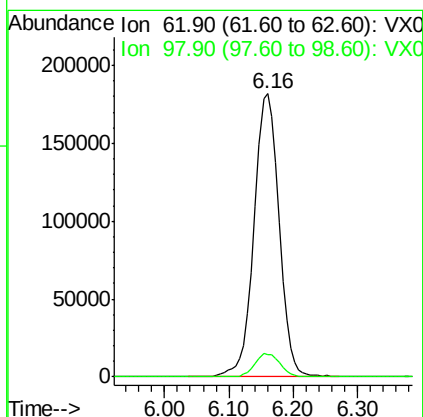
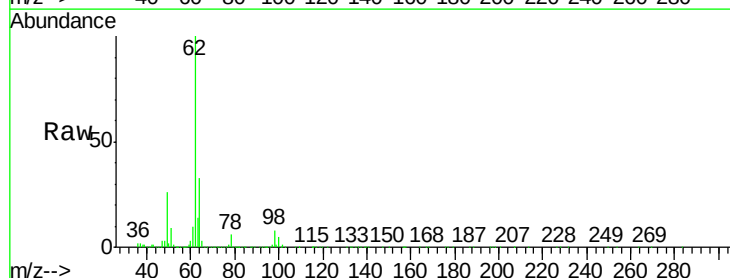
Manual Integrations
APPROVED

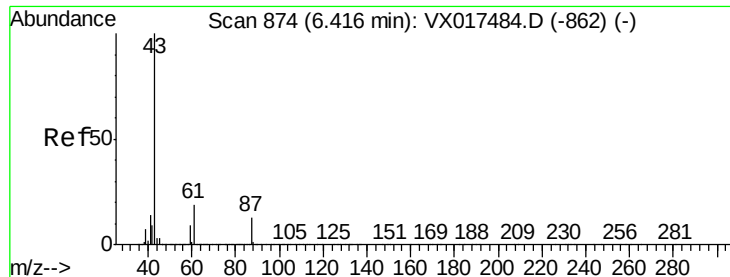
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7/30/2020 6:08:25 PM



#42
1,2-Dichloroethane
Concen: 50.134 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.0	





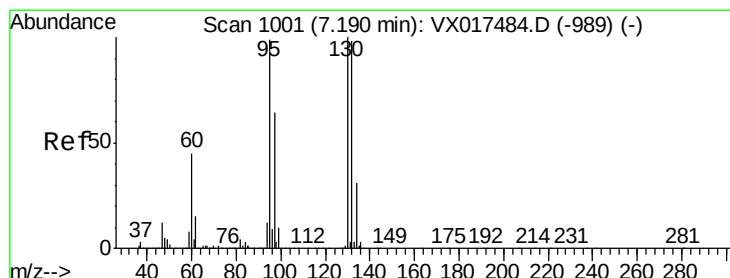
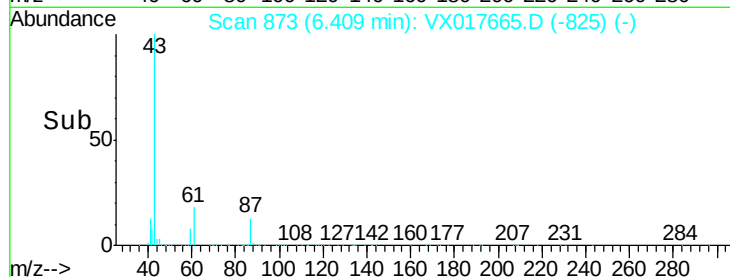
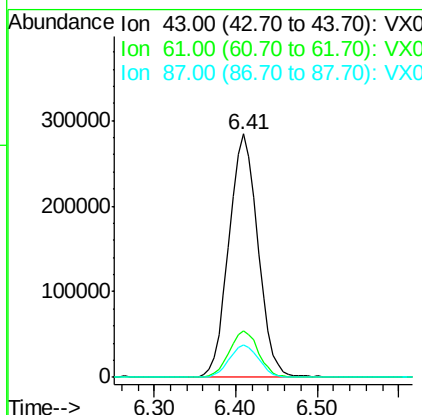
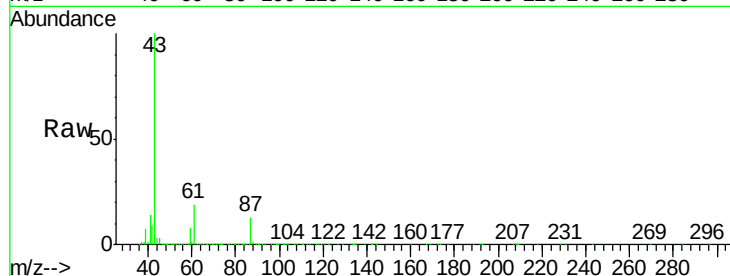
#43
Isopropyl Acetate
Concen: 46.916 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.5	10.5	15.7

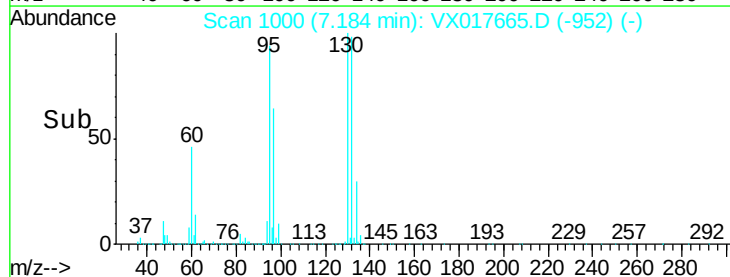
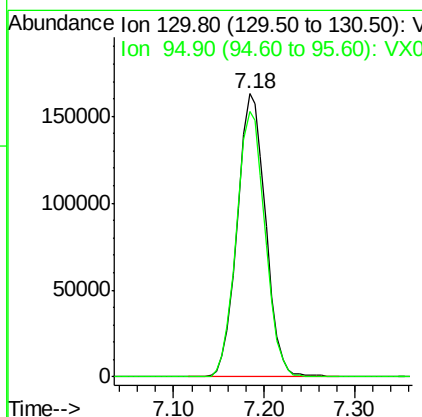
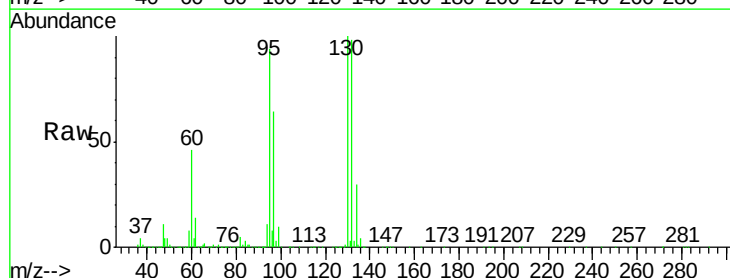
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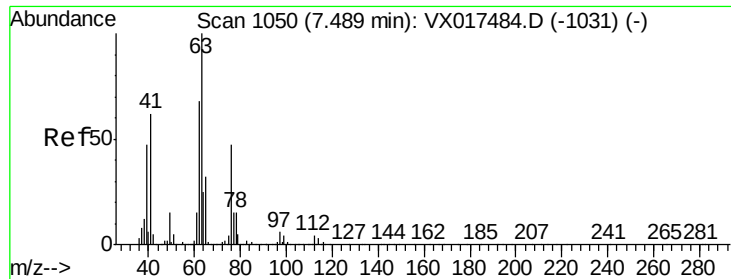
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7/30/2020 6:08:25 PM



#44
Trichloroethene
Concen: 51.135 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	189.0





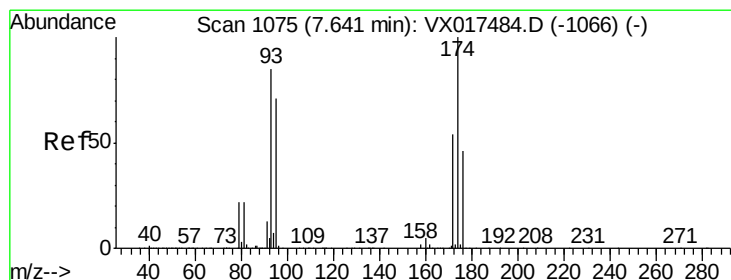
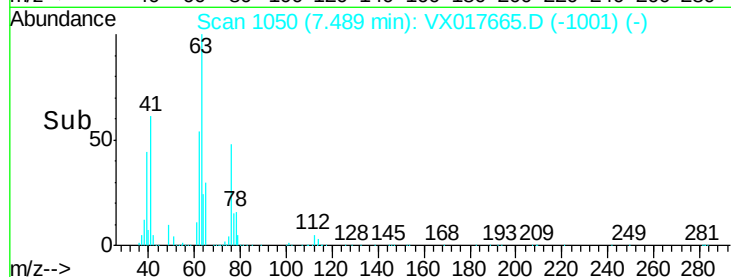
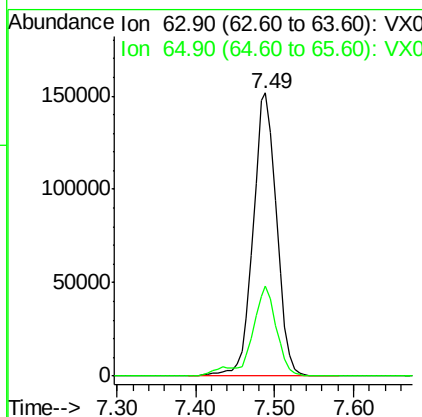
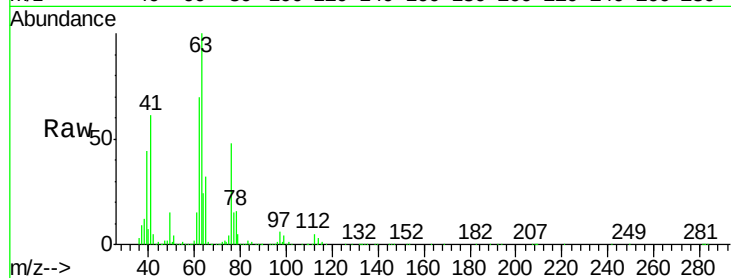
#45
 1,2-Dichloropropane
 Concen: 47.750 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.5	36.7

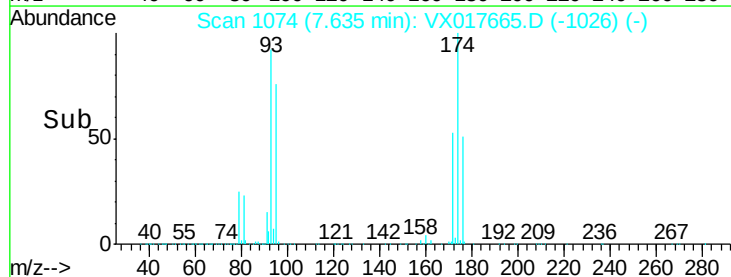
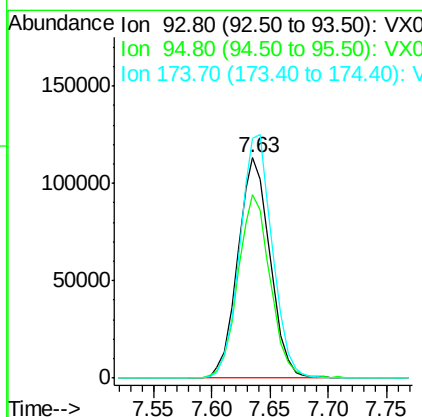
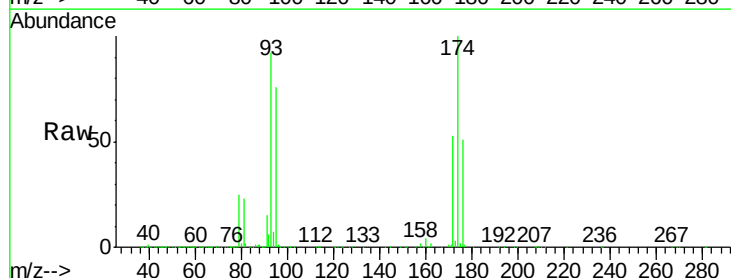
Manual Integrations
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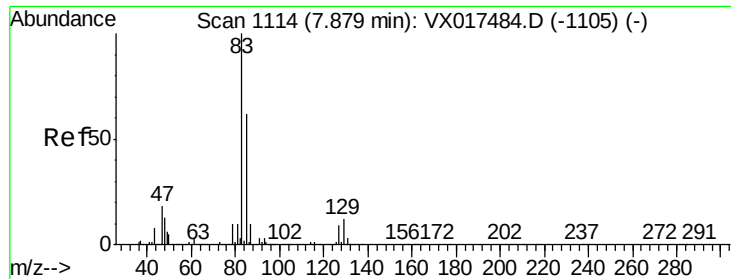
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#46
 Dibromomethane
 Concen: 47.147 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.6	99.8
174	111.7	87.0	130.6





#47

Bromodichloromethane

Concen: 49.975 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

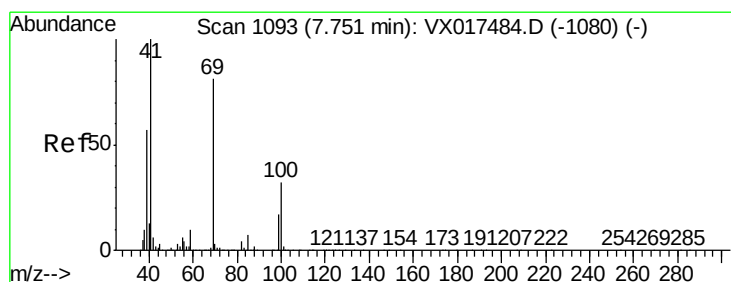
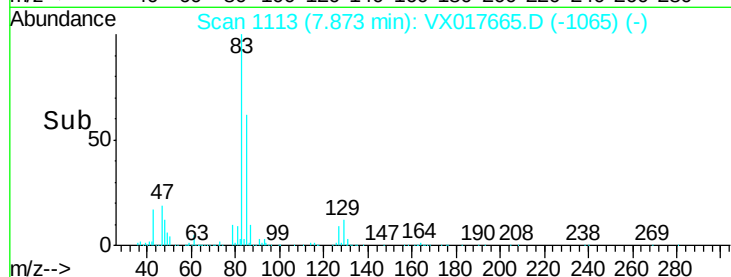
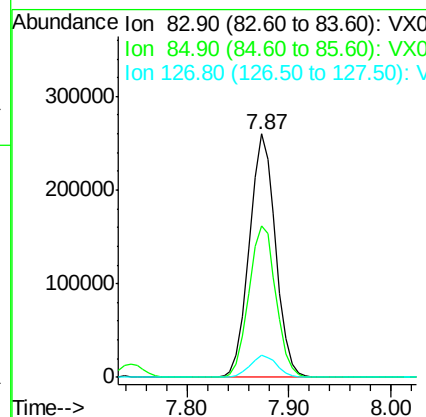
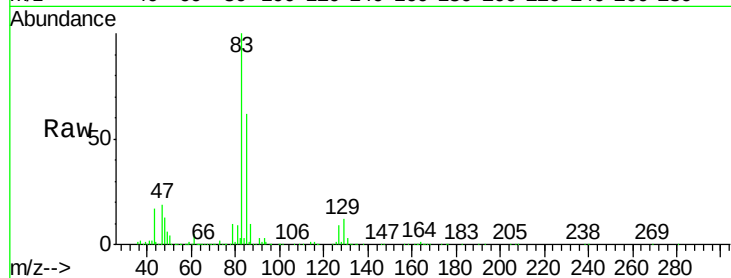
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	464414
Ion Ratio	Lower	Upper	
83	100		
85	62.1	51.8	77.8
127	9.3	7.4	11.2

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#48

Methyl methacrylate

Concen: 47.774 ug/l

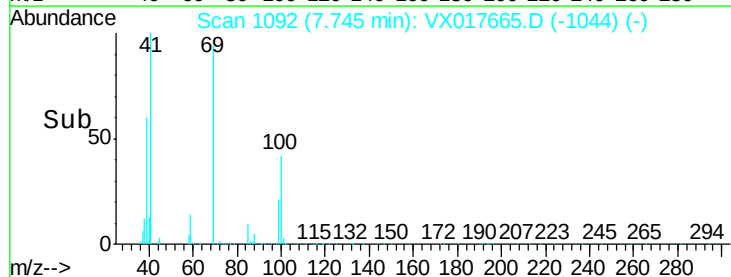
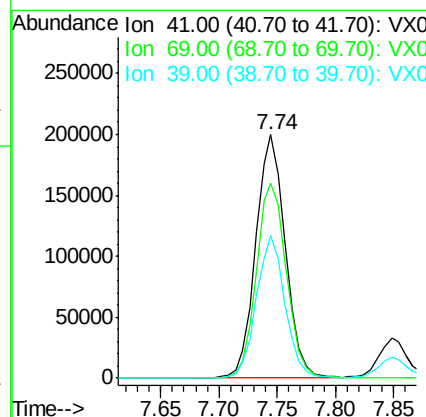
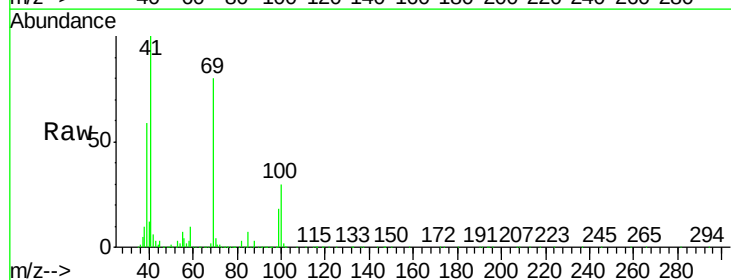
RT: 7.74 min Scan# 1092

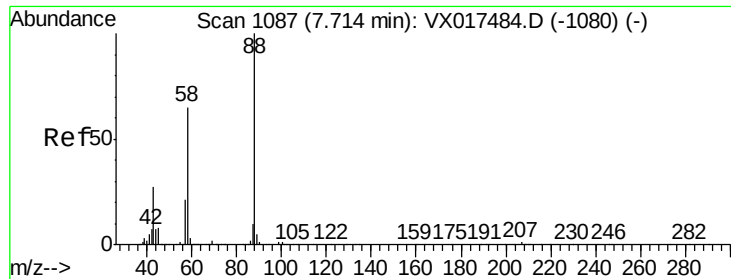
Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion:	41	Resp:	351535
Ion Ratio	Lower	Upper	
41	100		
69	82.2	63.1	94.7
39	57.2	45.1	67.7





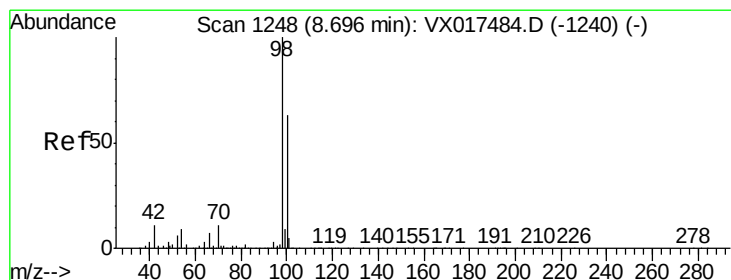
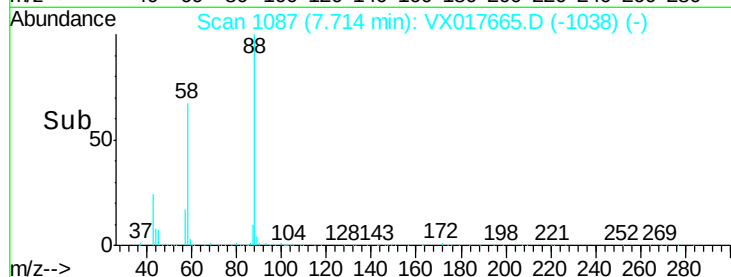
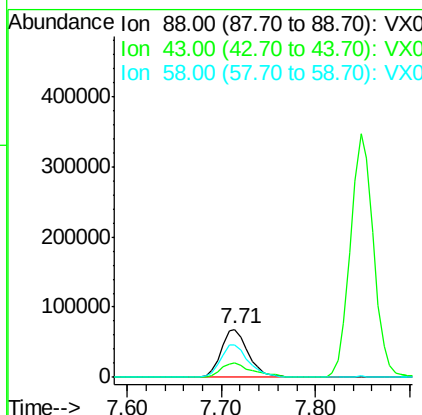
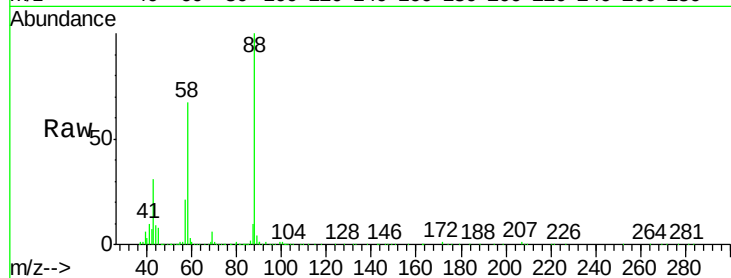
#49
1,4-Dioxane
Concen: 967.090 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.8	41.6
58	69.5	58.3	87.5

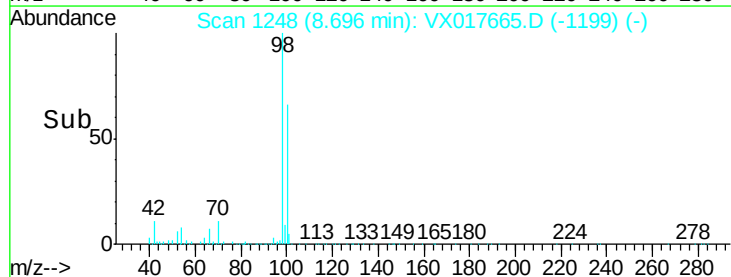
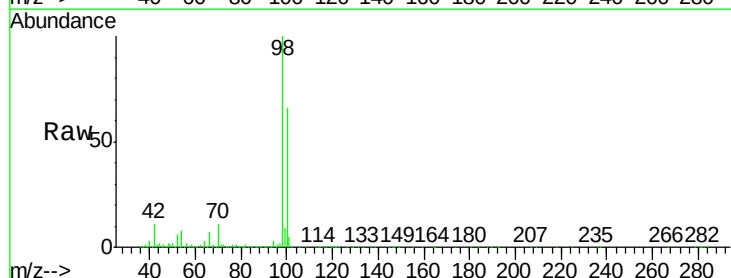
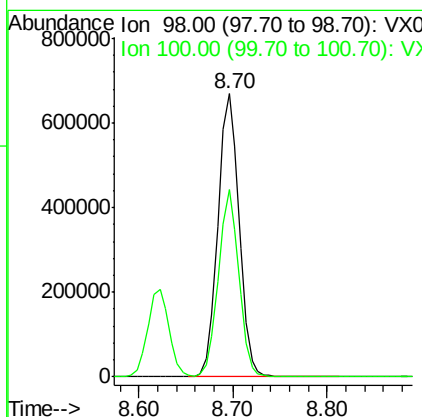
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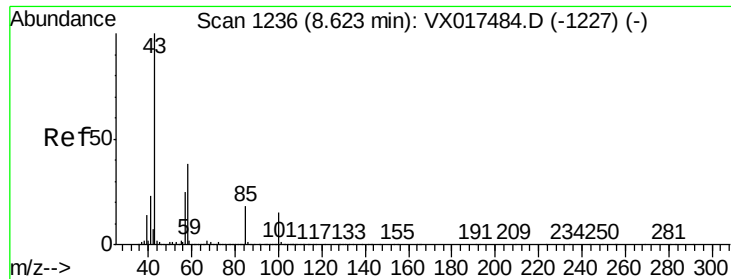
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#50
Toluene-d8
Concen: 50.421 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.3	78.5





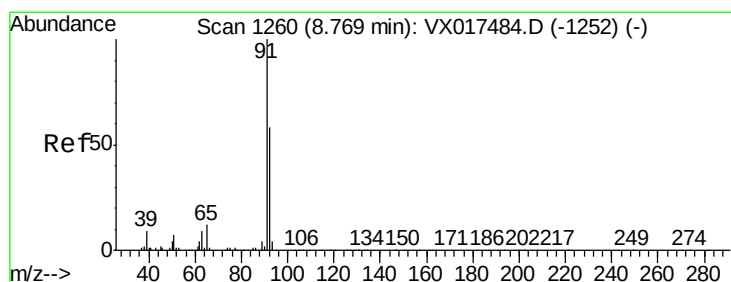
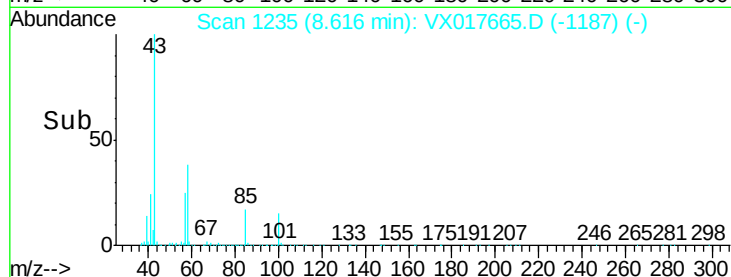
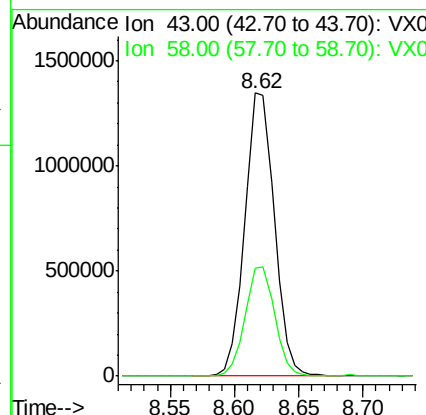
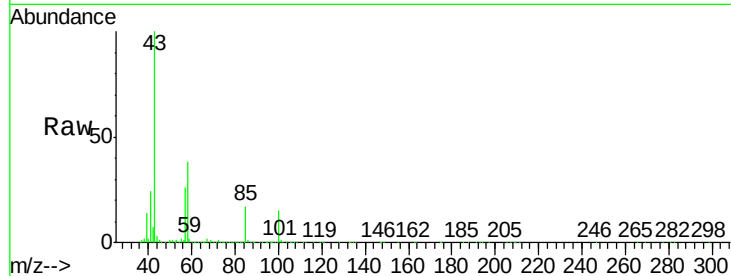
#51
 4-Methyl-2-Pentanone
 Concen: 241.242 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2136711
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.0 46.4

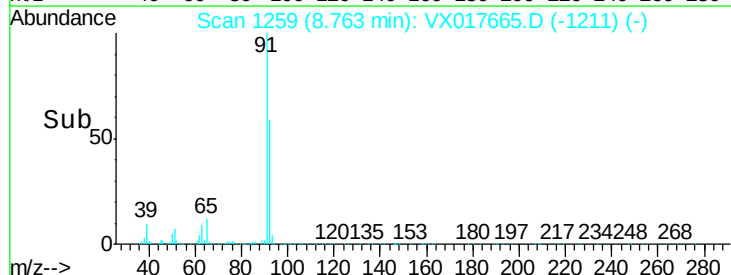
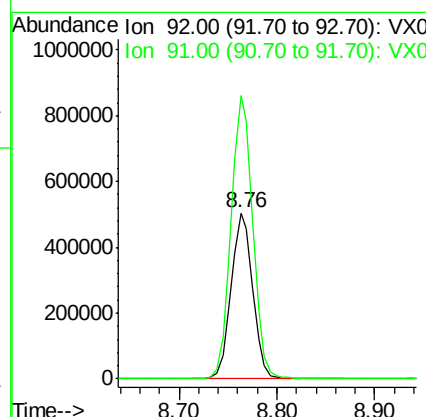
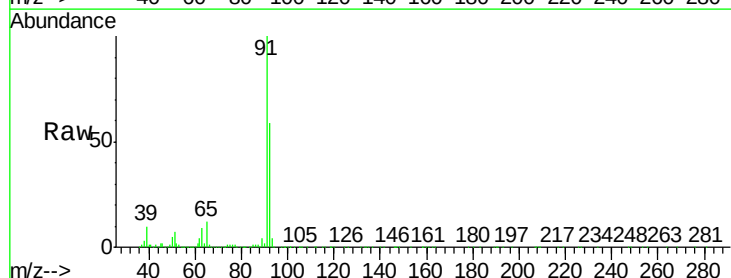
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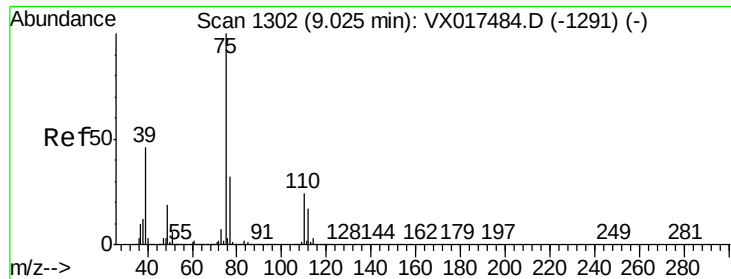
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#52
 Toluene
 Concen: 50.699 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion: 92 Resp: 766499
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.6 206.4





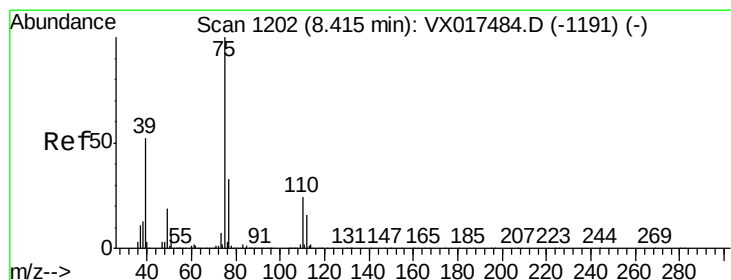
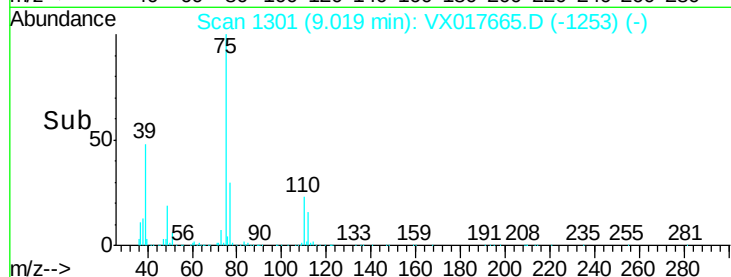
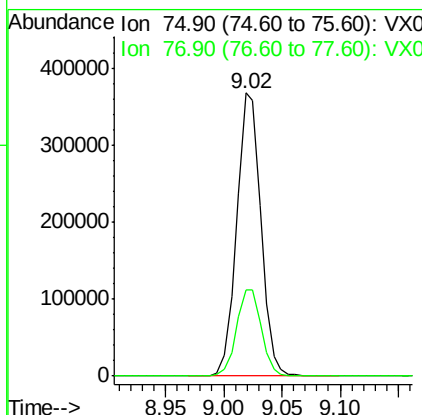
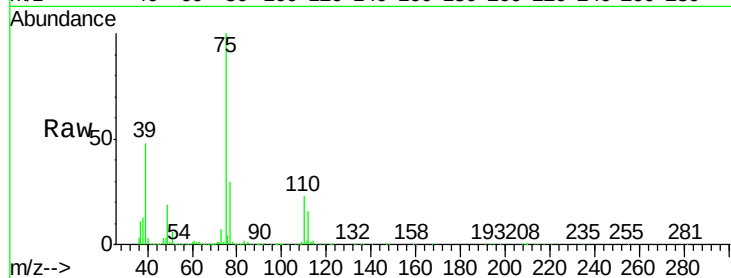
#53
t-1,3-Dichloropropene
Concen: 51.234 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 532975
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3

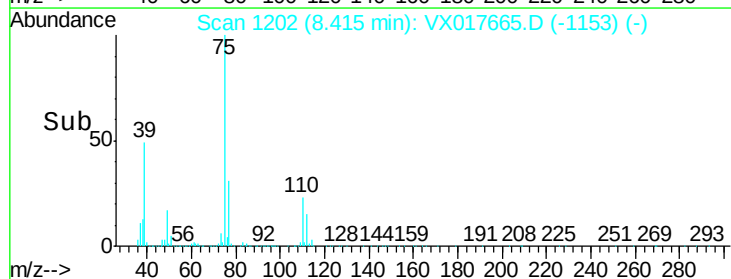
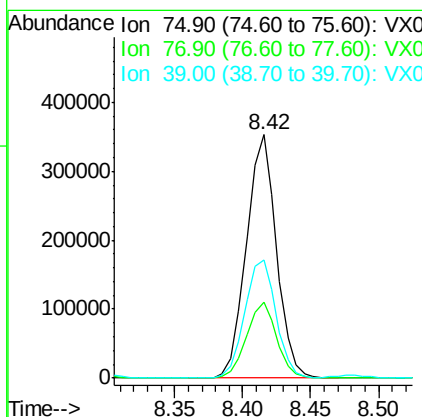
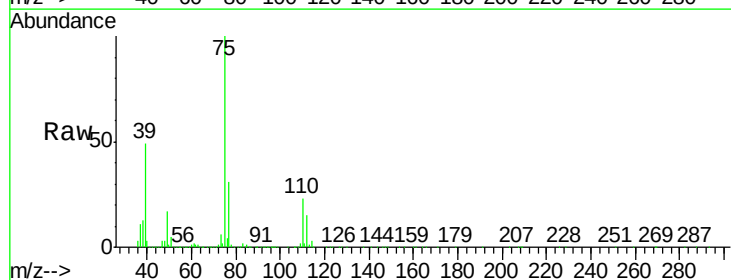
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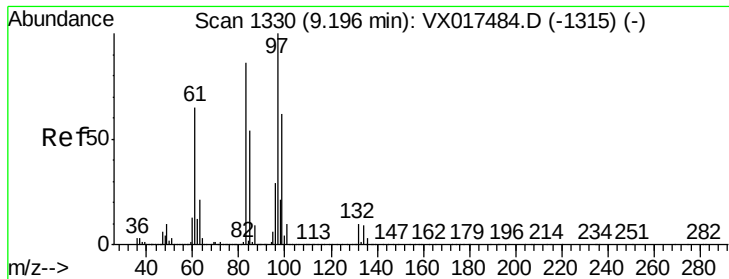
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7/30/2020 6:08:25 PM



#54
cis-1,3-Dichloropropene
Concen: 51.413 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 75 Resp: 545532
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 48.5 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 49.495 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

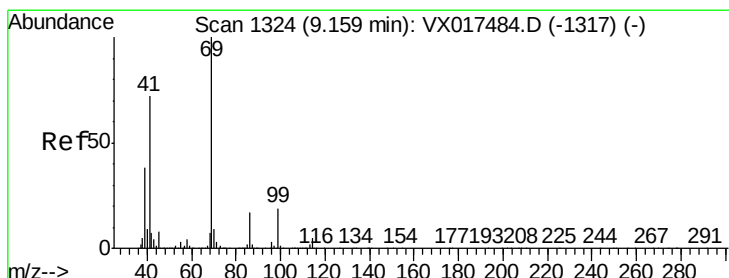
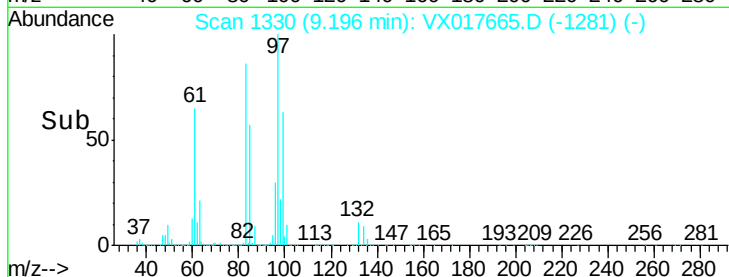
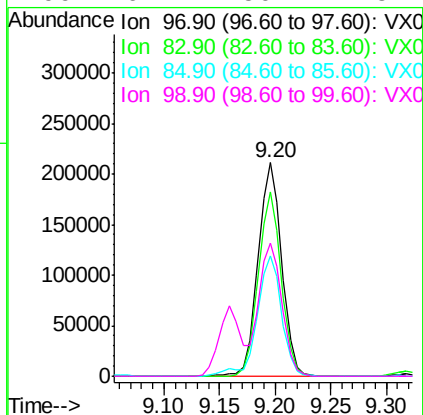
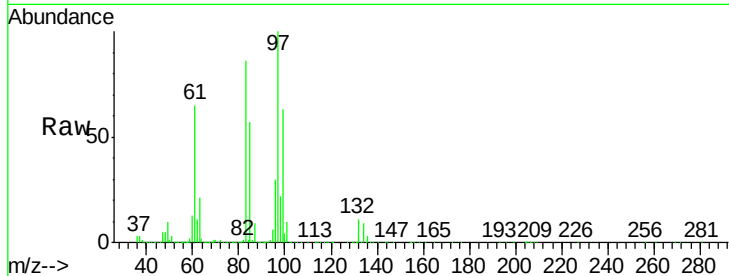
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	311721		
83	86.3	67.6	101.4	
85	56.6	44.6	67.0	
99	62.4	50.2	75.4	

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#56

Ethyl methacrylate

Concen: 50.008 ug/l

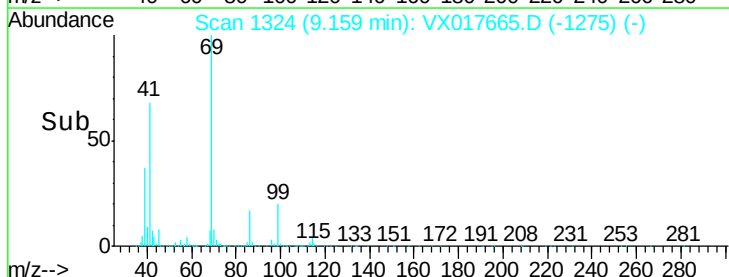
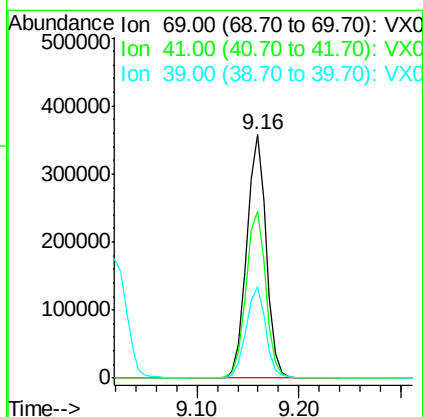
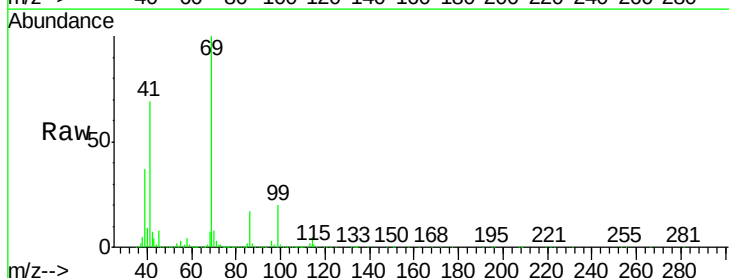
RT: 9.16 min Scan# 1324

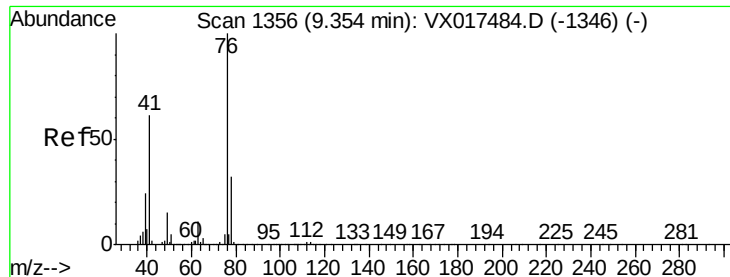
Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	474501		
41	69.6	55.0	82.6	
39	37.9	30.0	45.0	





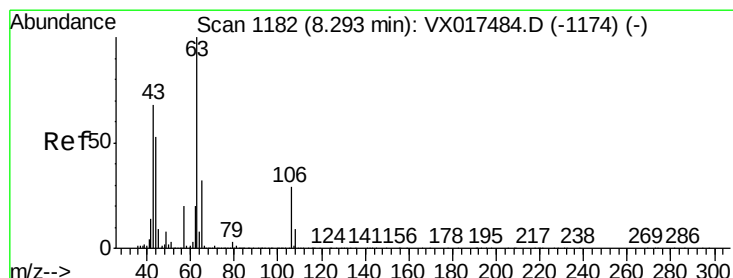
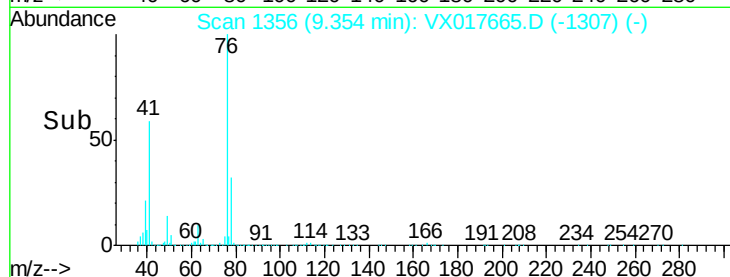
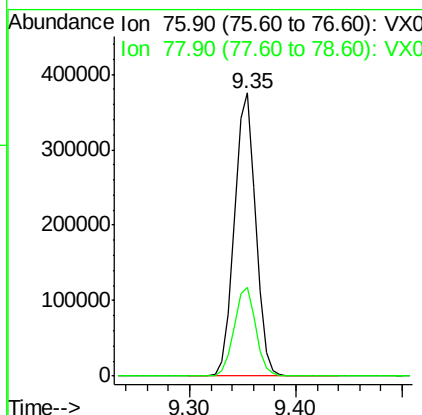
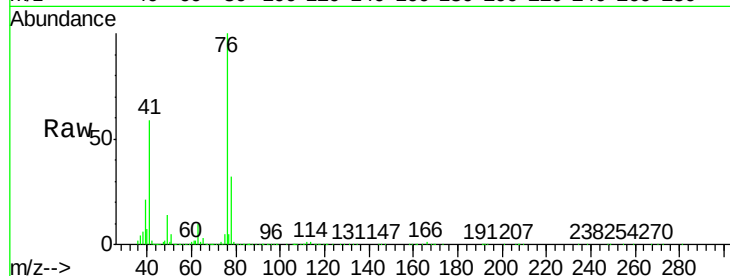
#57
 1,3-Dichloropropane
 Concen: 50.880 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 527653
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

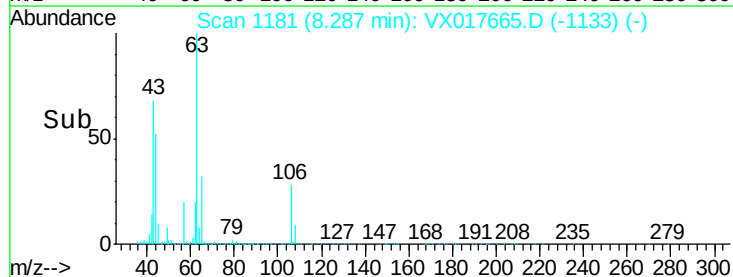
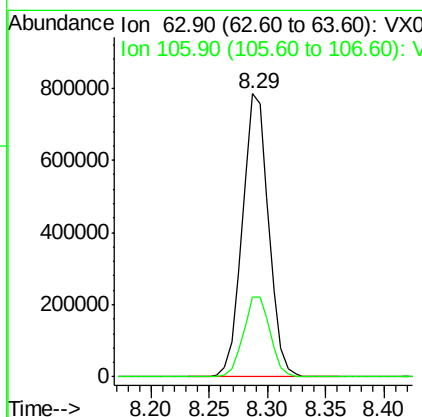
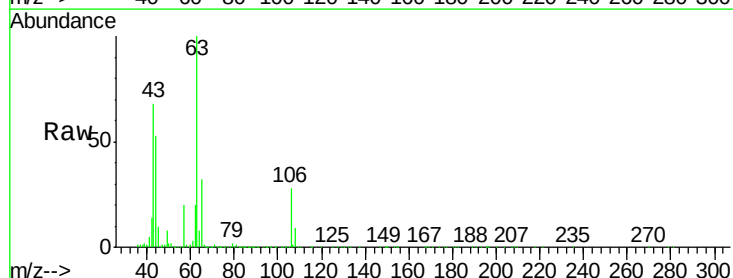
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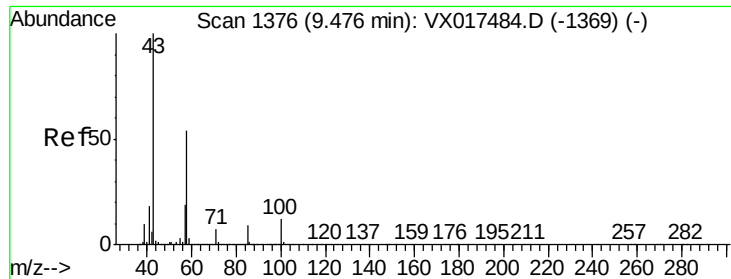
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#58
 2-Chloroethyl Vinyl ether
 Concen: 246.278 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion: 63 Resp: 1231138
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.6 34.0





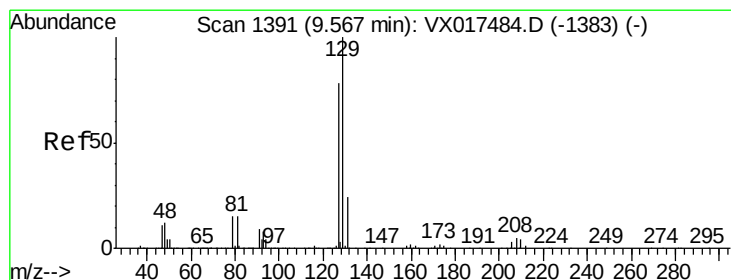
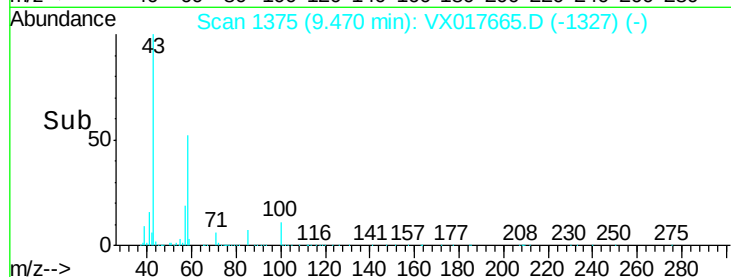
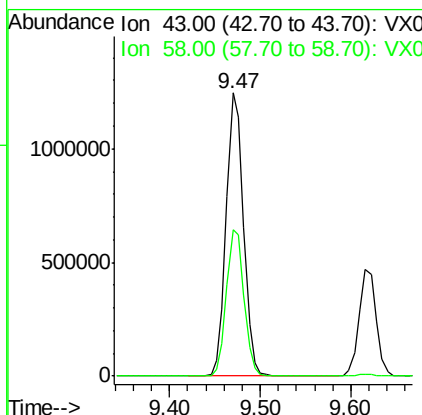
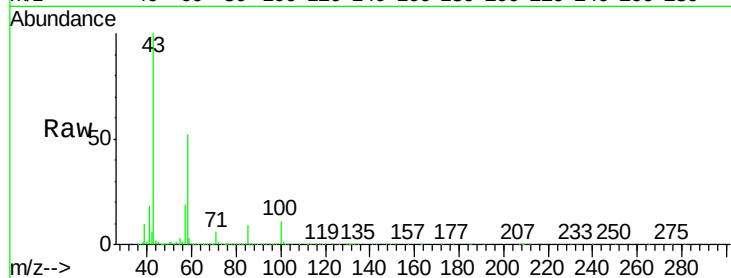
#59
2-Hexanone
Concen: 249.062 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1660852
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.8

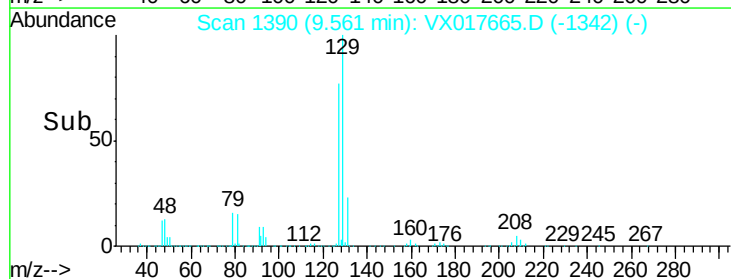
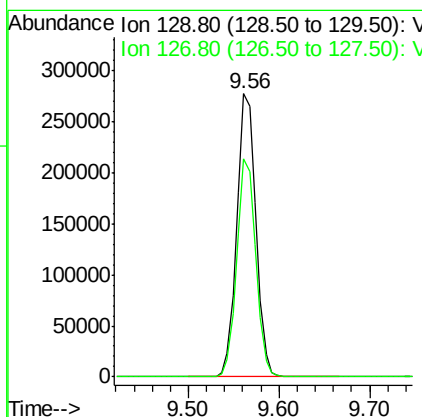
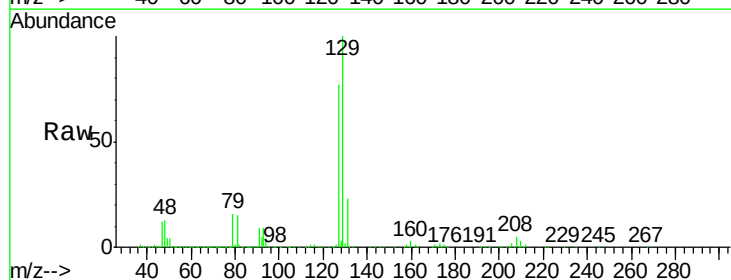
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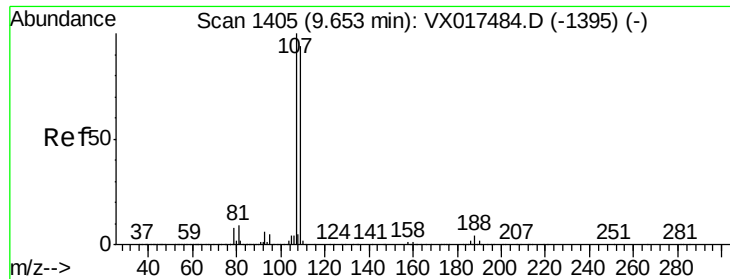
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#60
Dibromochloromethane
Concen: 50.653 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 129 Resp: 405471
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





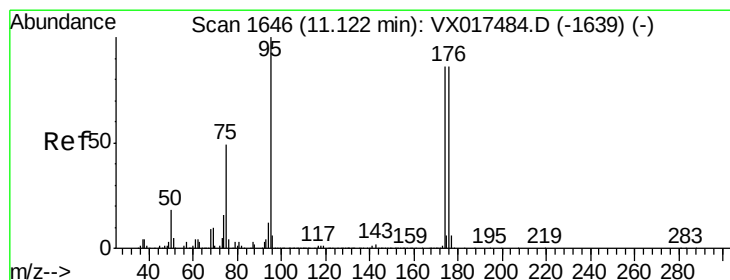
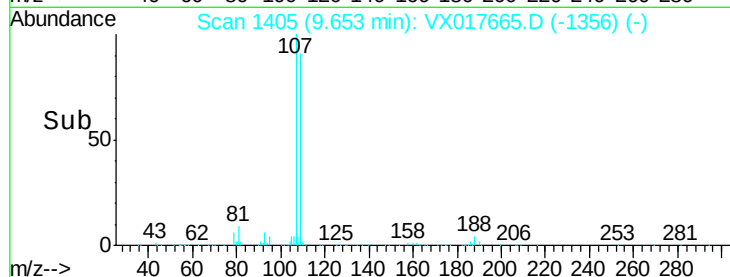
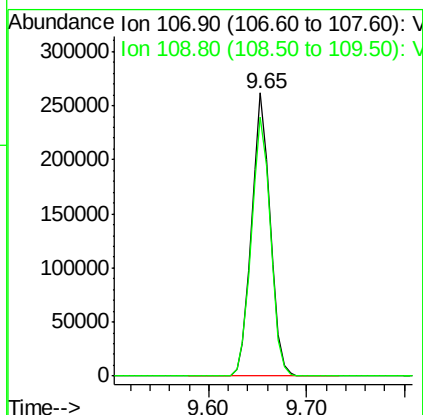
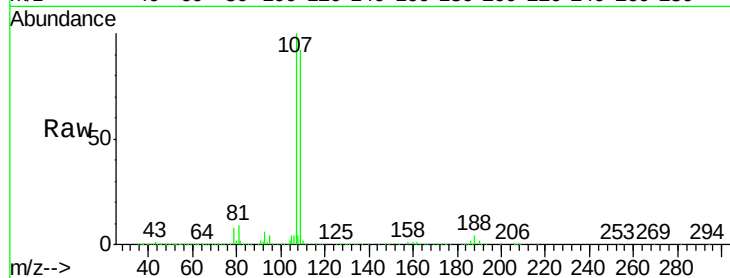
#61
 1,2-Dibromoethane
 Concen: 51.616 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.9	112.3

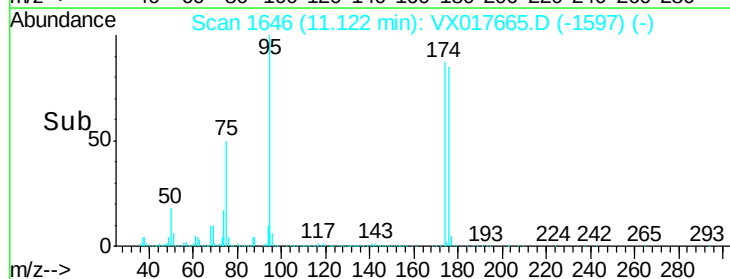
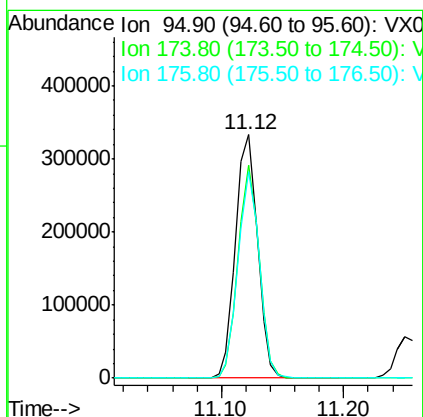
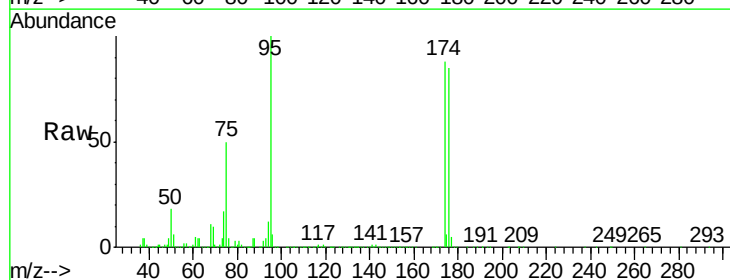
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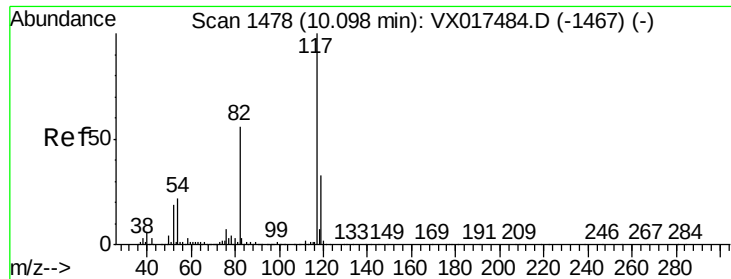
MMDadoda
 7/30/2020 6:08:25 PM



#62
 4-Bromofluorobenzene
 Concen: 49.986 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	169.0
176	82.3	0.0	161.0





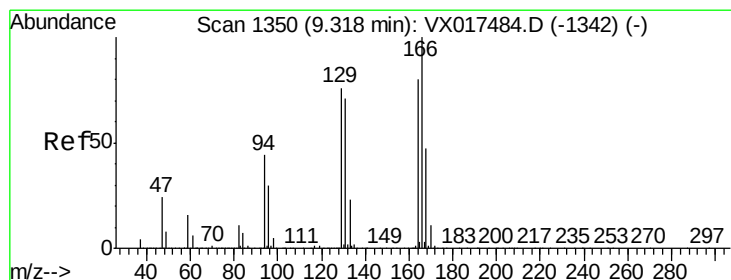
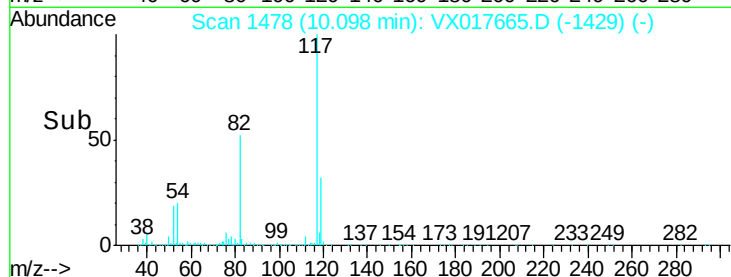
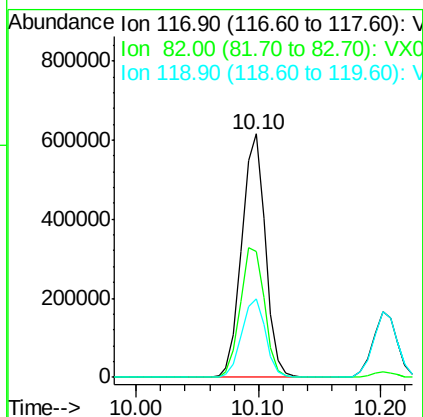
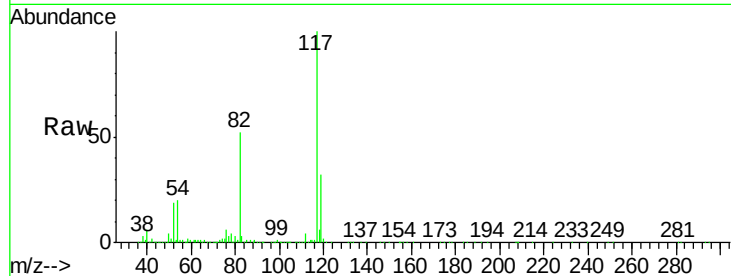
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	821611		
82	51.6	44.0	66.0	
119	32.1	25.4	38.0	

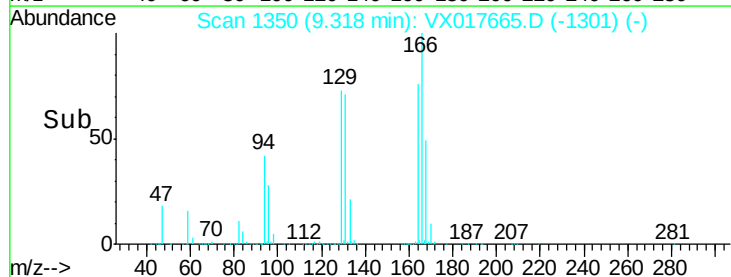
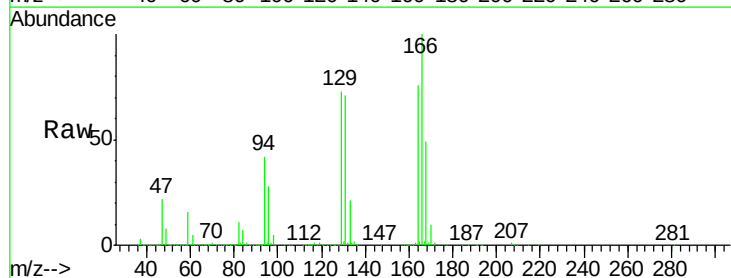
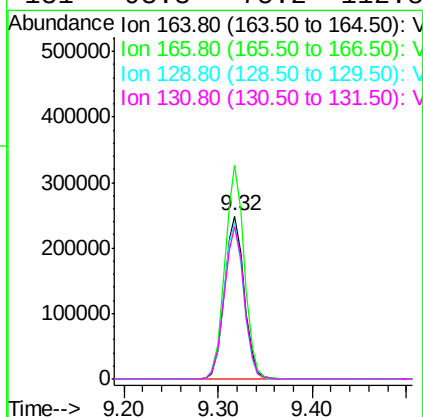
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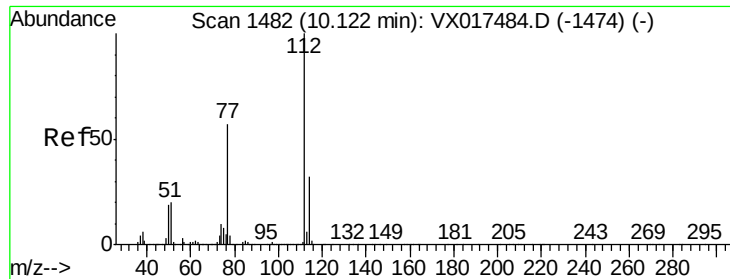
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7/30/2020 6:08:25 PM



#64
Tetrachloroethene
Concen: 48.459 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	357343		
166	130.9	100.6	150.8	
129	95.8	75.0	112.6	
131	93.3	75.2	112.8	





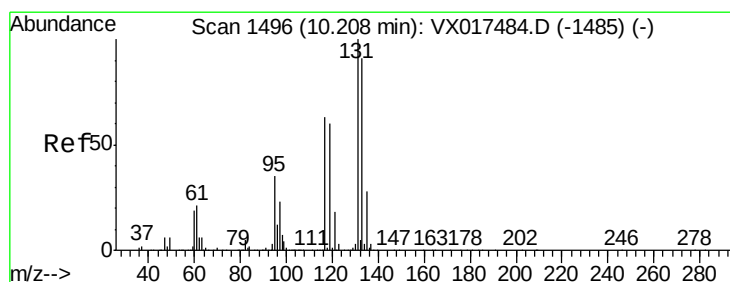
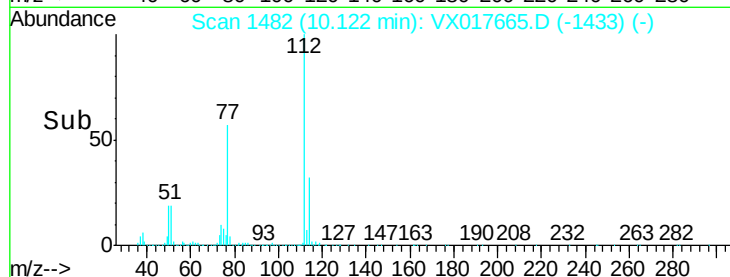
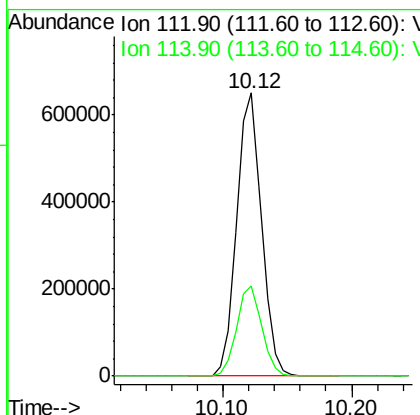
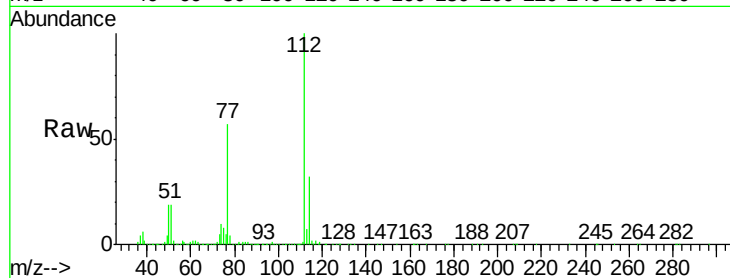
#65
Chlorobenzene
Concen: 49.067 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	872601		
114	32.0	25.7	38.5	

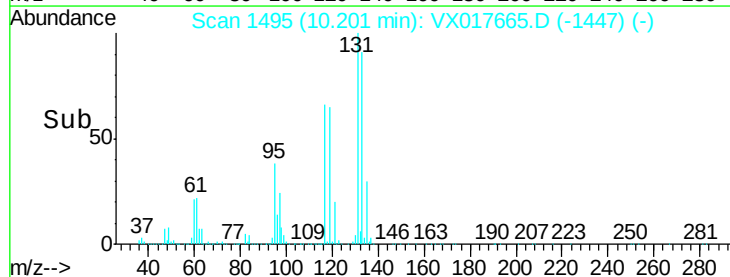
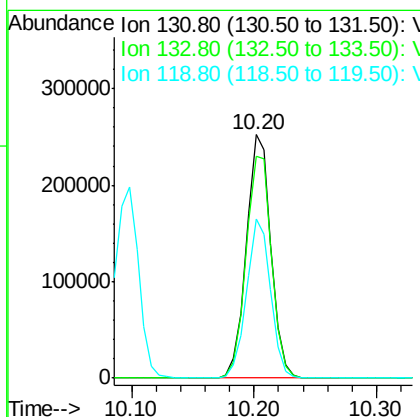
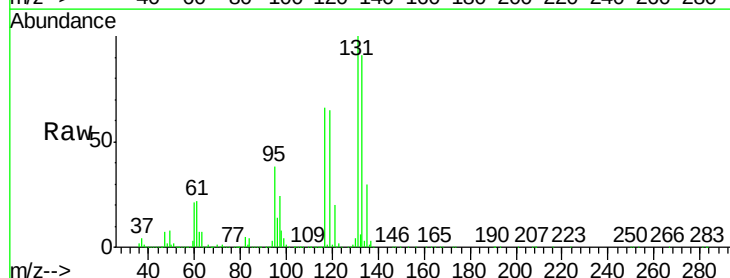
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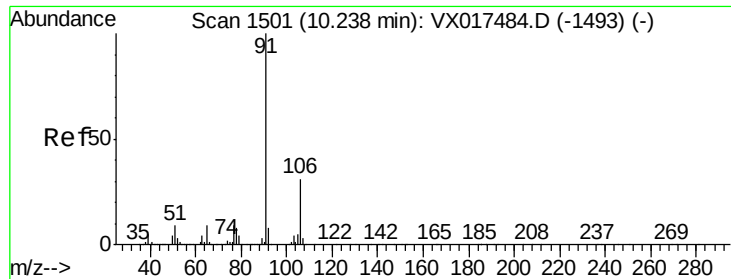
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.053 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	352071		
133	94.9	47.9	143.6	
119	63.8	31.1	93.3	





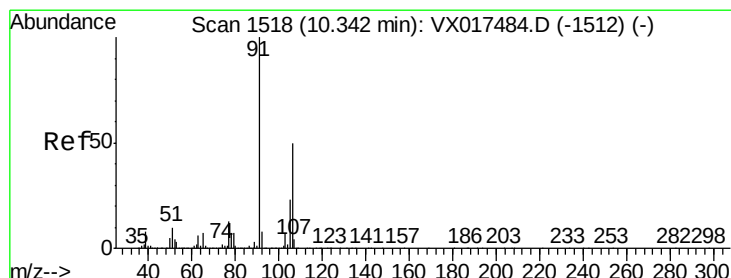
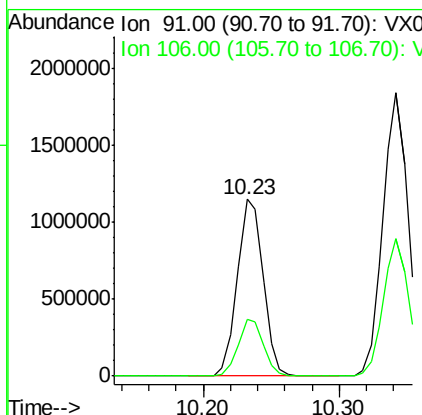
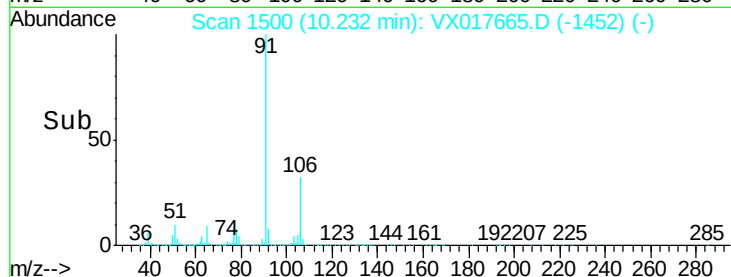
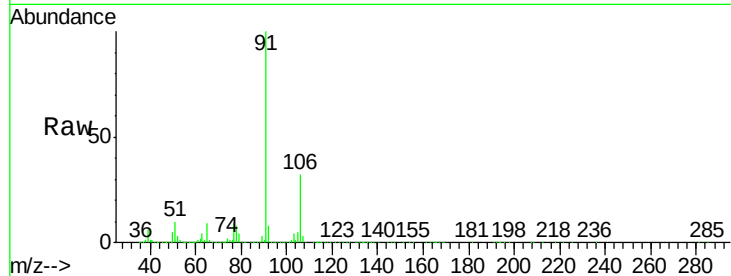
#67
Ethyl Benzene
Concen: 51.194 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1519762
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.6

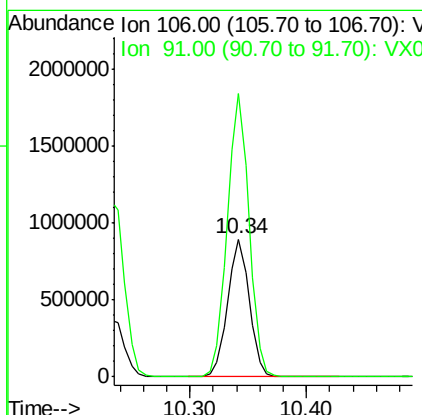
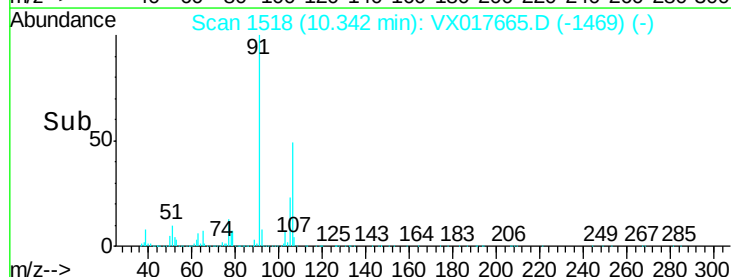
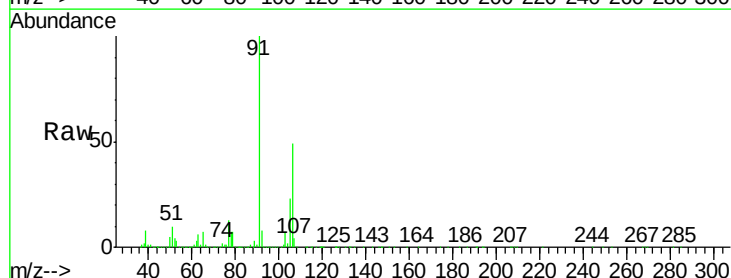
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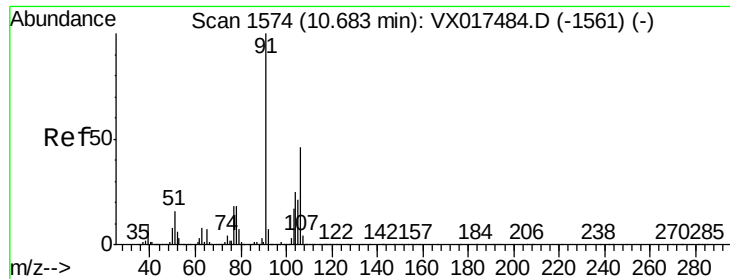
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7/30/2020 6:08:25 PM



#68
m/p-Xylenes
Concen: 100.741 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion: 106 Resp: 1158552
Ion Ratio Lower Upper
106 100
91 206.2 160.9 241.3





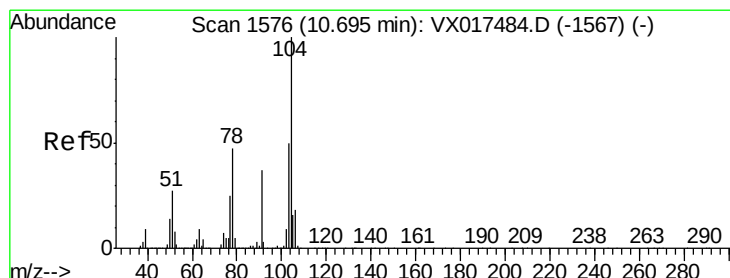
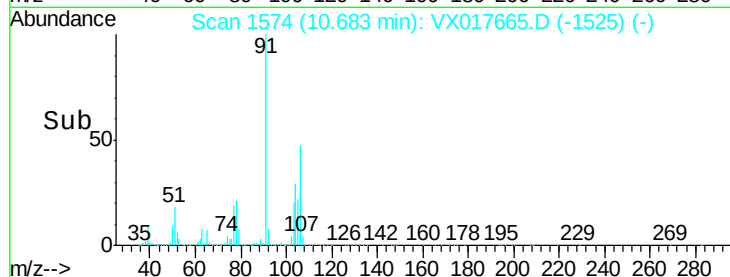
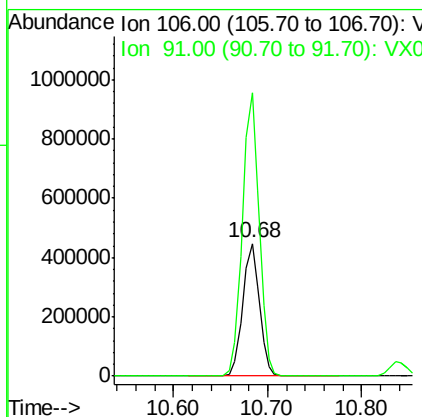
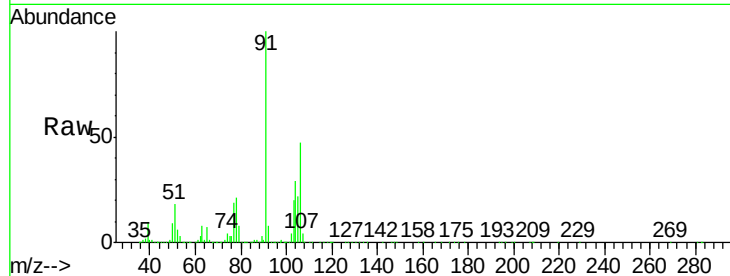
#69
o-Xylene
Concen: 49.709 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 549820
Ion Ratio Lower Upper
106 100
91 215.6 108.2 324.6

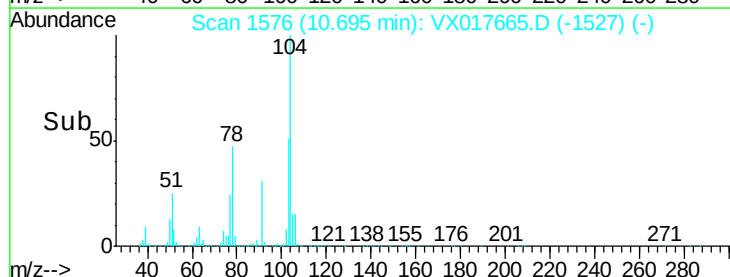
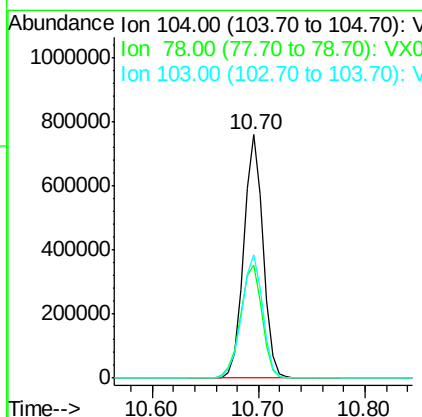
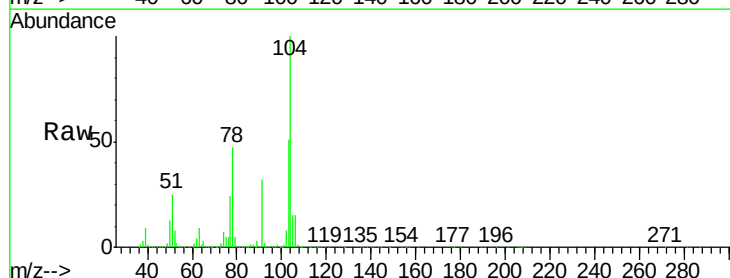
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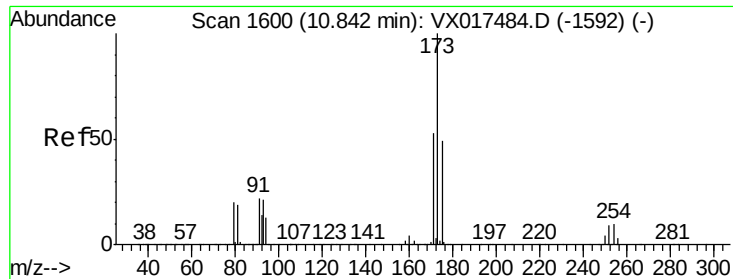
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#70
Styrene
Concen: 51.281 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion:104 Resp: 965053
Ion Ratio Lower Upper
104 100
78 52.3 42.5 63.7
103 55.2 44.3 66.5





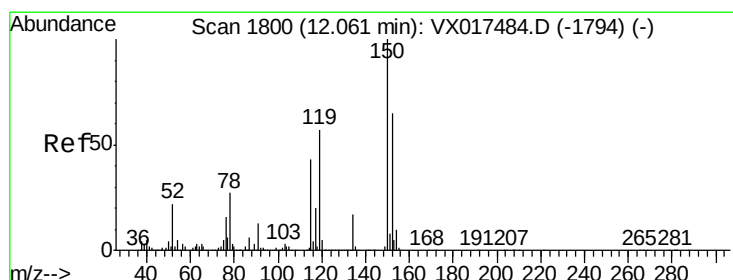
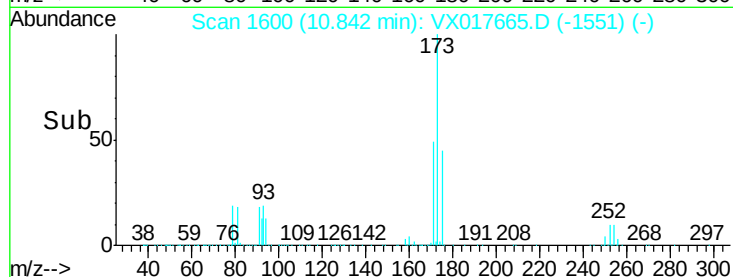
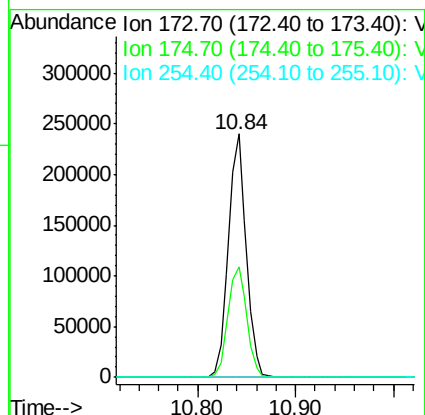
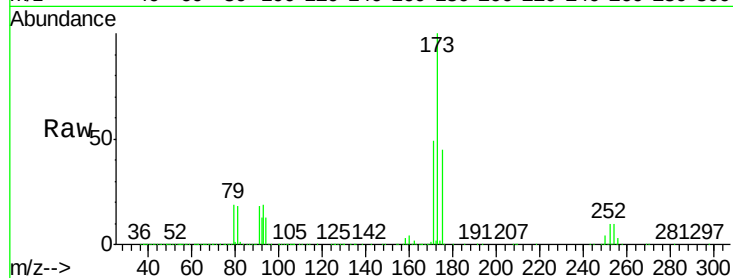
#71
Bromoform
Concen: 48.754 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.8	71.5
254	0.2	0.1	0.1#

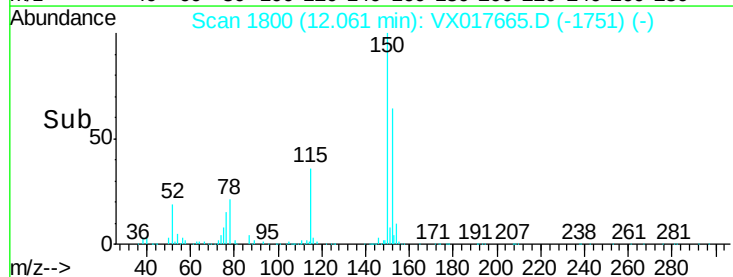
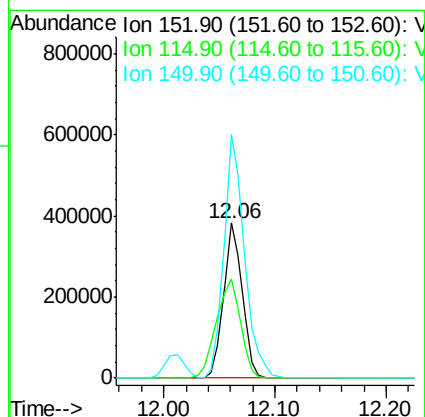
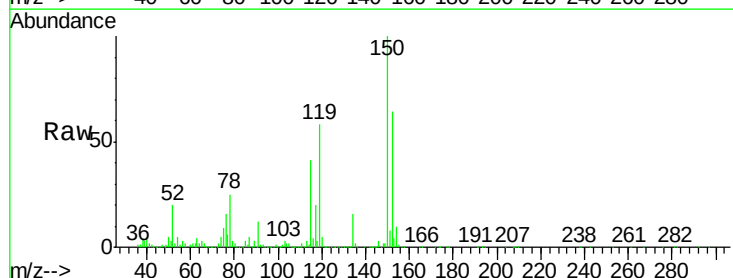
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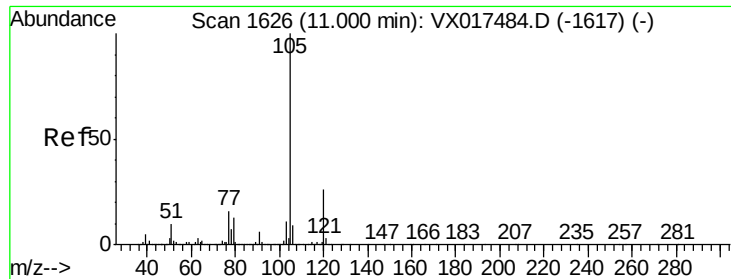
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.8	65.5	196.6
150	173.3	0.0	412.6





#73

Isopropylbenzene

Concen: 50.355 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1534753

Ion Ratio Lower Upper

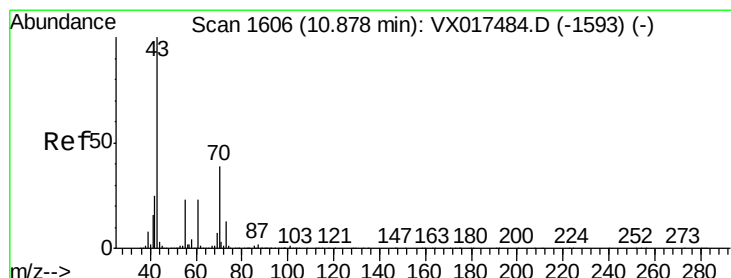
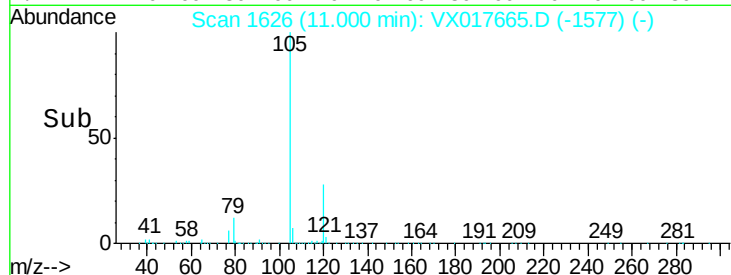
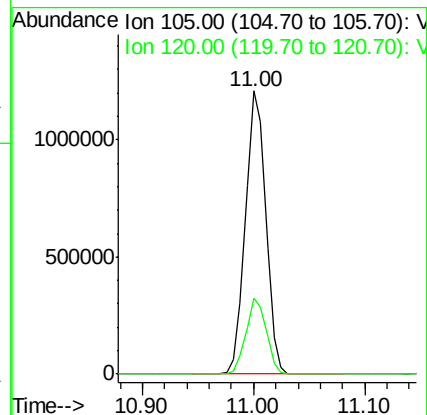
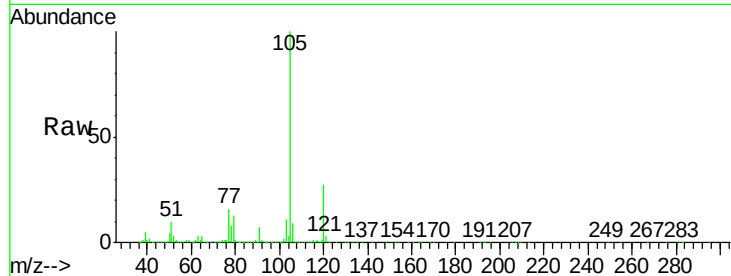
105 100

120 26.6 13.3 39.8

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7/30/2020 6:08:25 PM



#74

N-ethyl acetate

Concen: 47.124 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion: 43 Resp: 638159

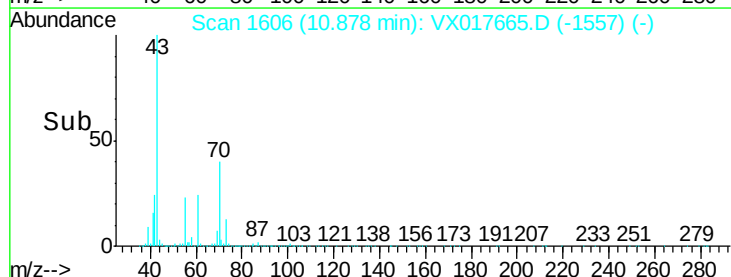
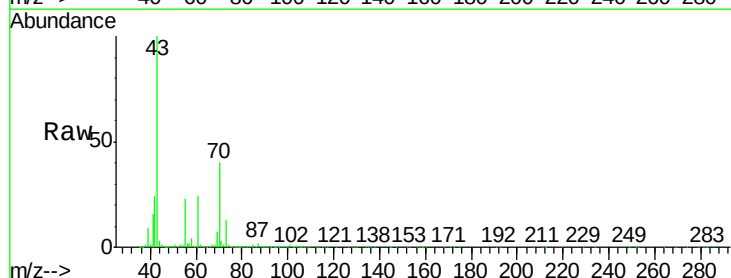
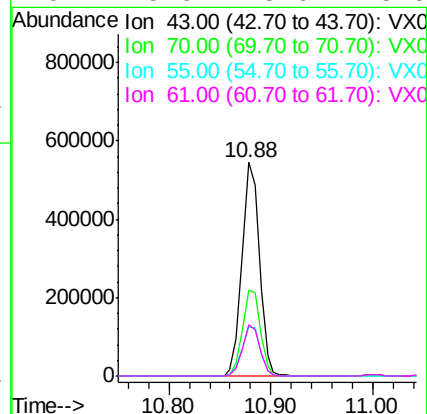
Ion Ratio Lower Upper

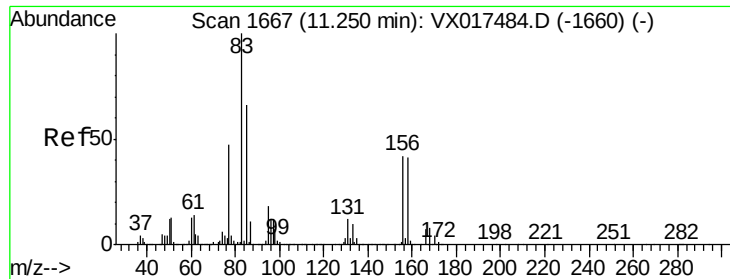
43 100

70 41.2 32.3 48.5

55 24.1 18.4 27.6

61 23.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.064 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 428716

Ion Ratio Lower Upper

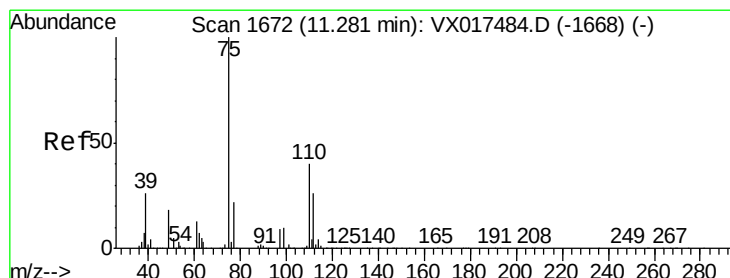
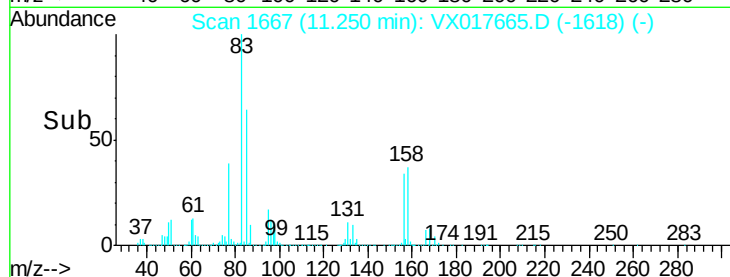
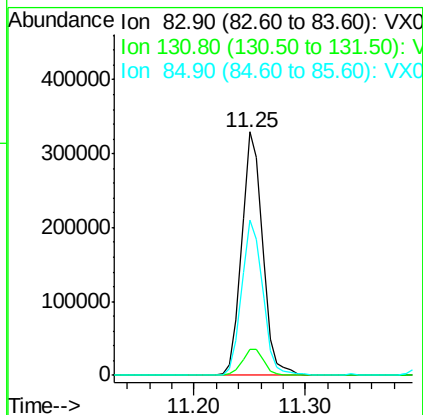
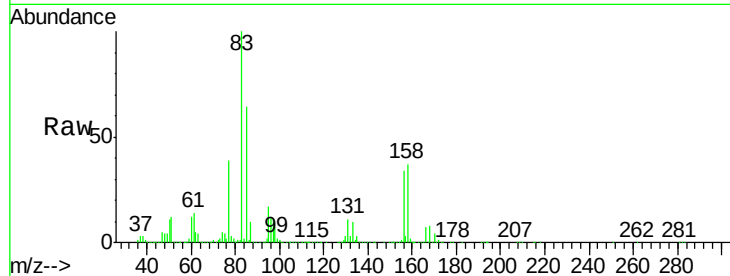
83 100

131 11.1 5.5 16.5

85 64.5 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 47.132 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017665.D

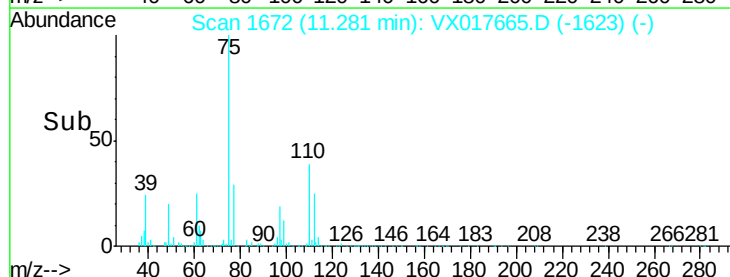
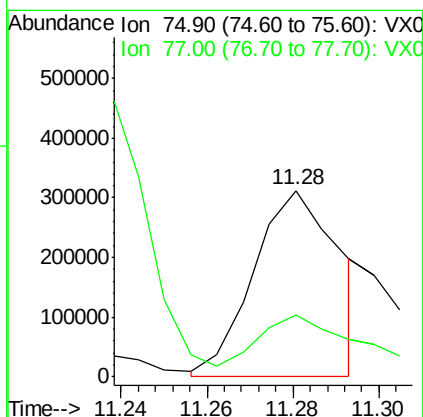
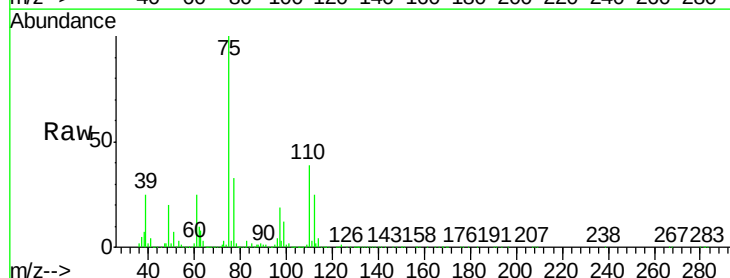
Acq: 29 Jul 2020 10:32

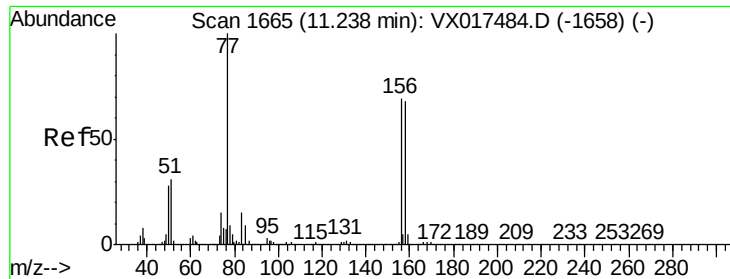
Tgt Ion: 75 Resp: 430753

Ion Ratio Lower Upper

75 100

77 41.0 21.8 65.3





#77

Bromobenzene

Concen: 48.338 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

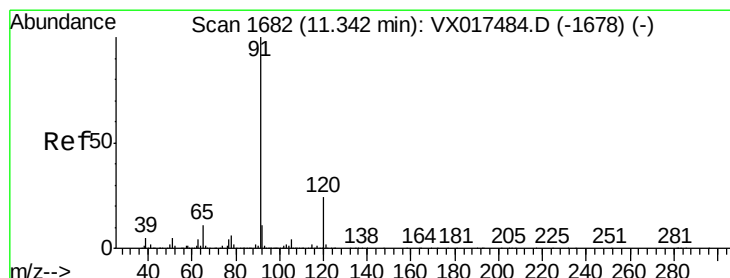
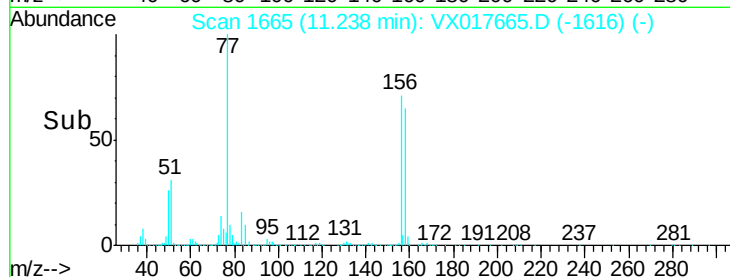
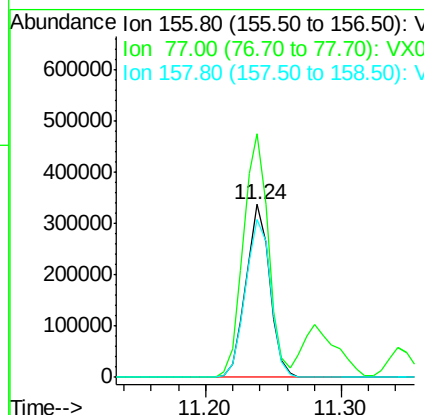
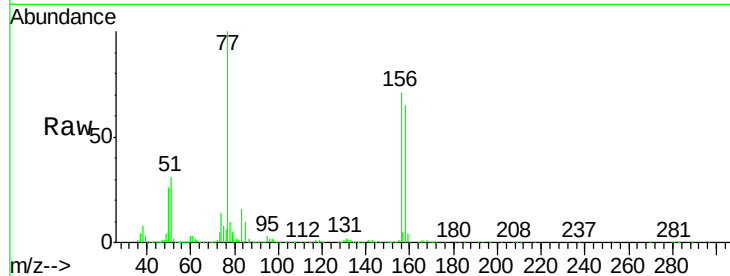
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	412452
Ion Ratio	Lower	Upper	
156	100		
77	147.8	75.0	225.0
158	97.3	49.1	147.3

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#78

n-propylbenzene

Concen: 51.518 ug/l

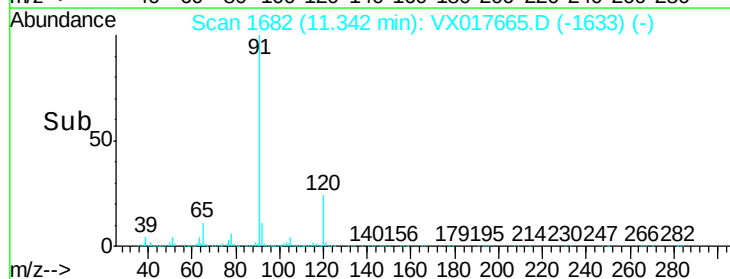
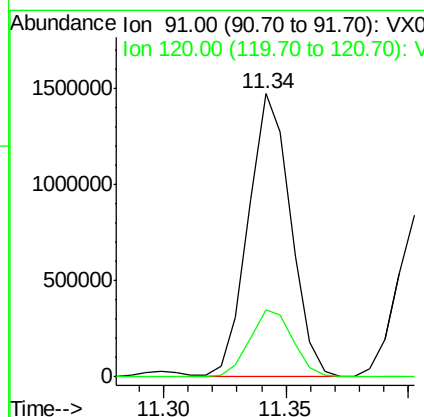
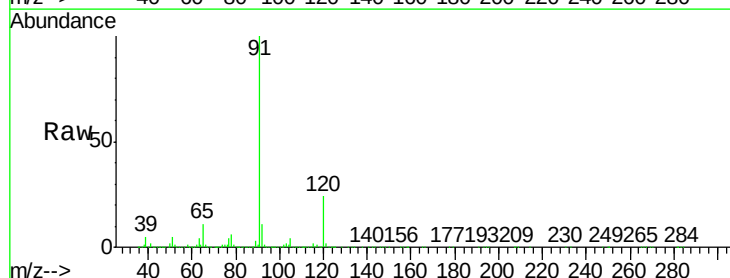
RT: 11.34 min Scan# 1682

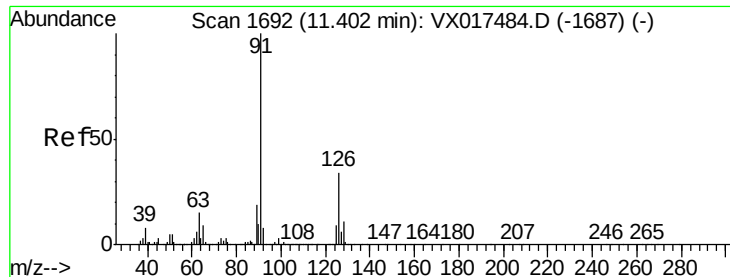
Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion:	91	Resp:	1770960
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 49.446 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1052922

Ion Ratio Lower Upper

91 100

126 34.8

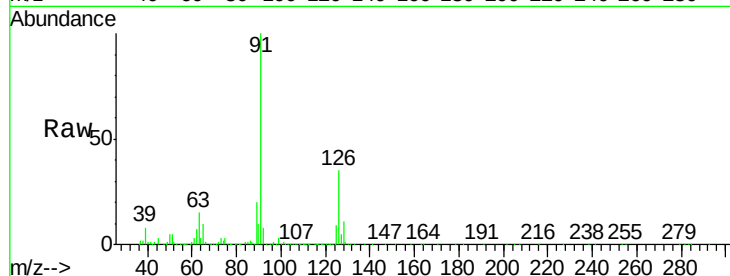
17.5 52.5

Manual Integrations

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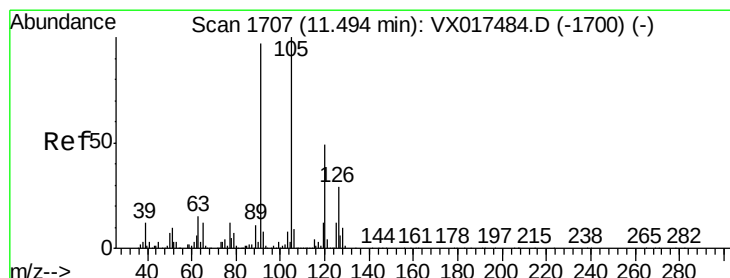
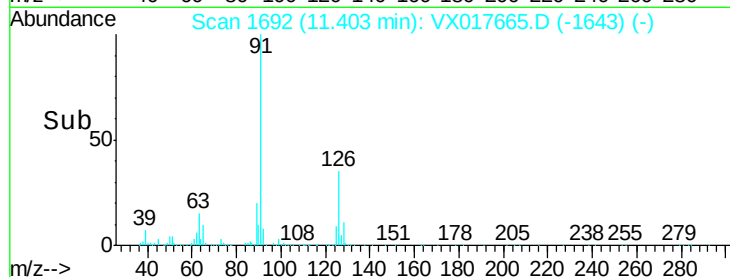
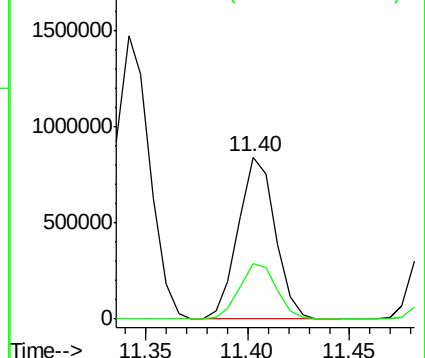
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.015 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

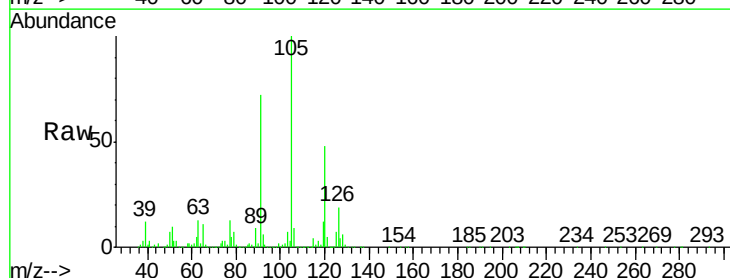
Tgt Ion: 105 Resp: 1327561

Ion Ratio Lower Upper

105 100

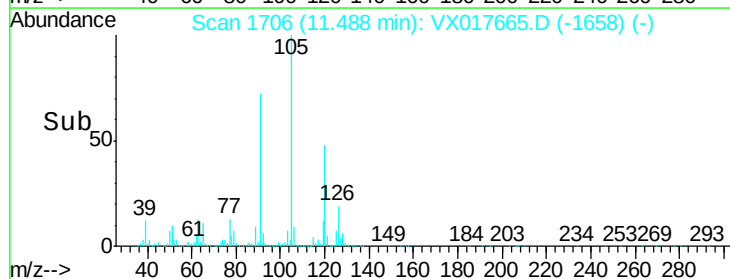
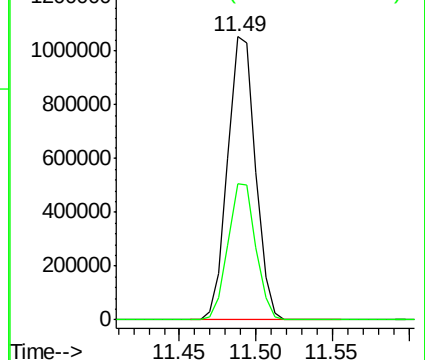
120 48.3

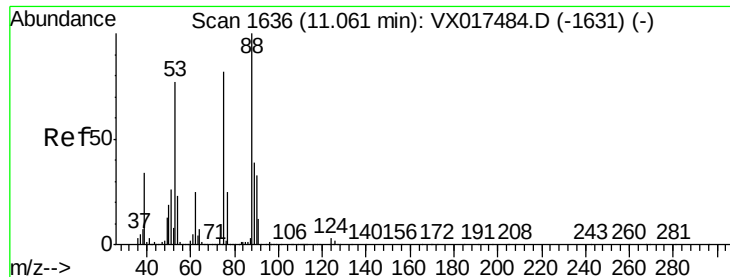
24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.477 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Instrument :

MSVOA_X

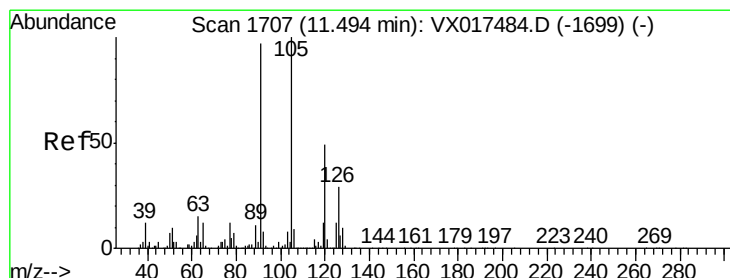
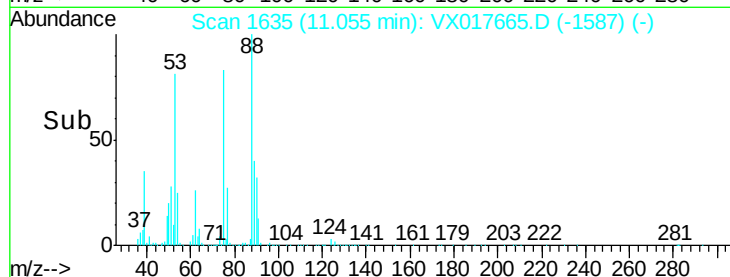
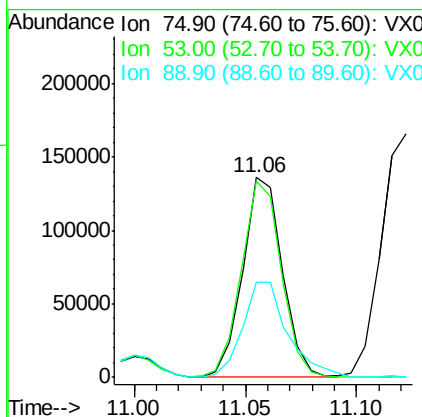
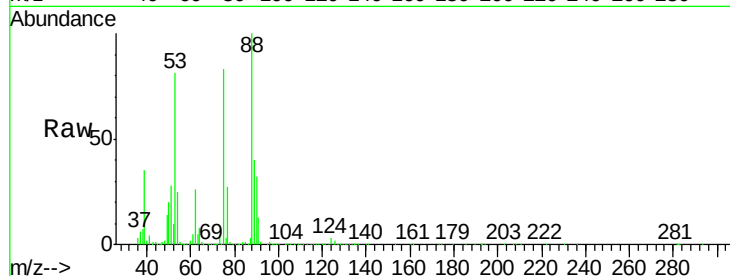
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	168570
Ion	Ratio	Lower	Upper
75	100		
53	99.0	75.9	113.9
89	54.4	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.396 ug/l

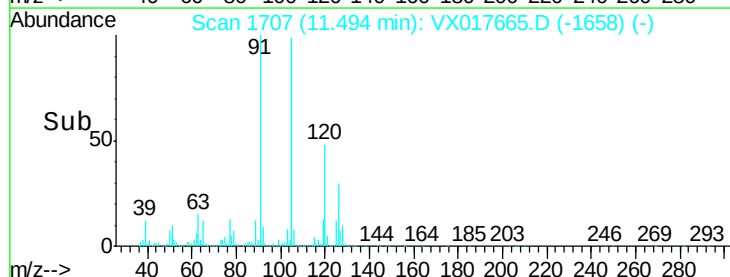
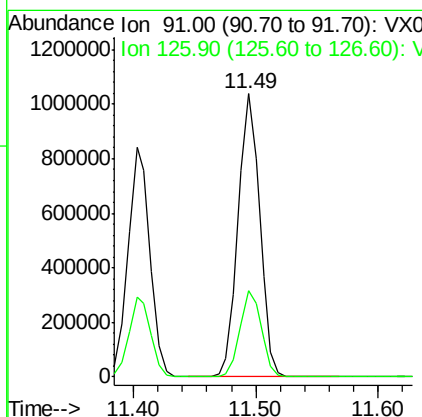
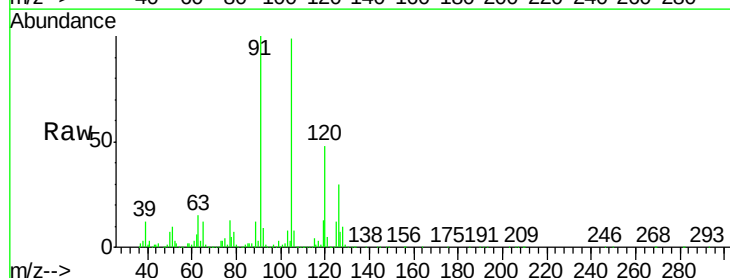
RT: 11.49 min Scan# 1707

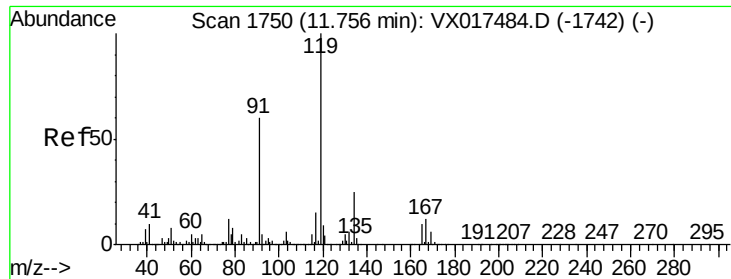
Delta R.T. 0.00 min

Lab File: VX017665.D

Acq: 29 Jul 2020 10:32

Tgt Ion:	91	Resp:	1265898
Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.2	45.6





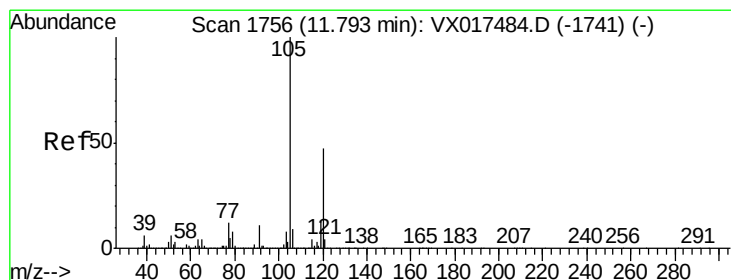
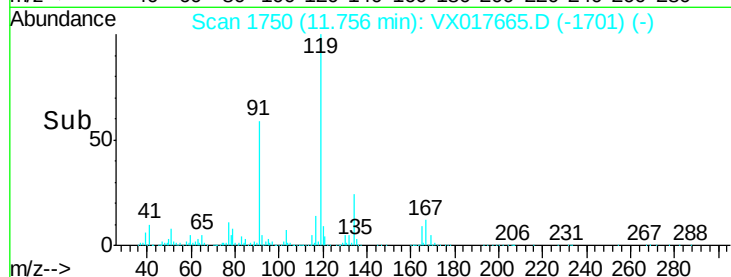
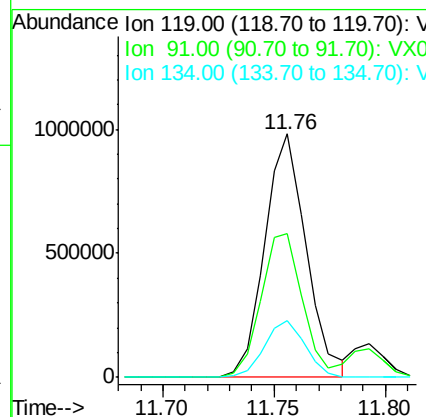
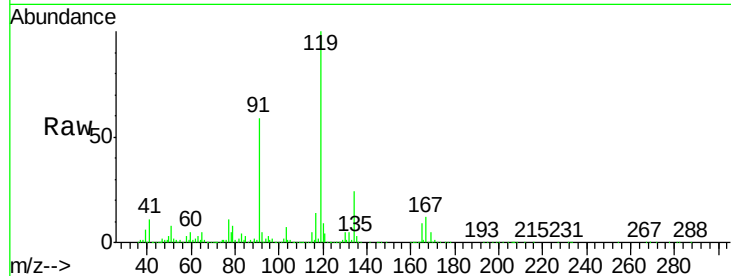
#83
 tert-Butylbenzene
 Concen: 51.013 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.6	29.3	88.0
134	22.9	11.2	33.6

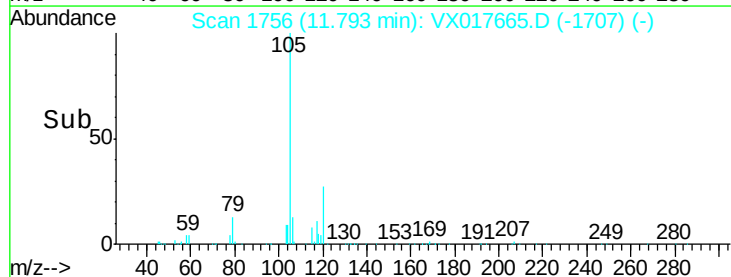
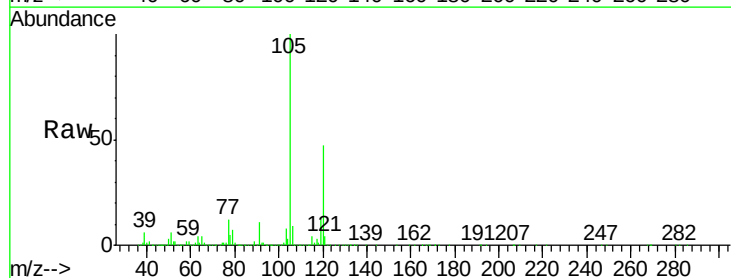
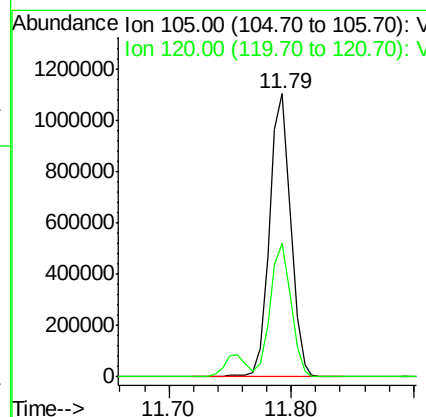
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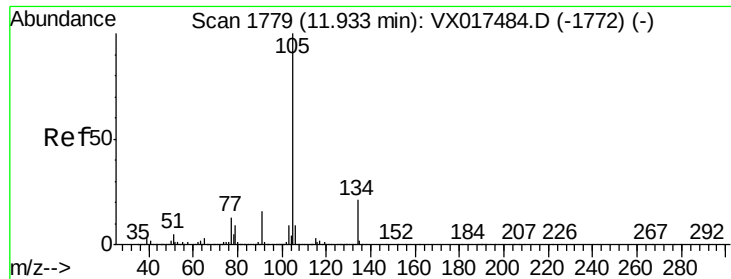
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.589 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.0





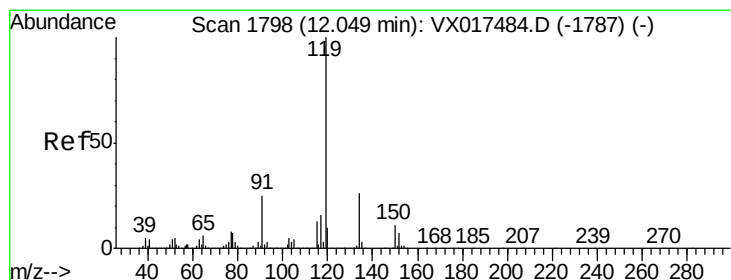
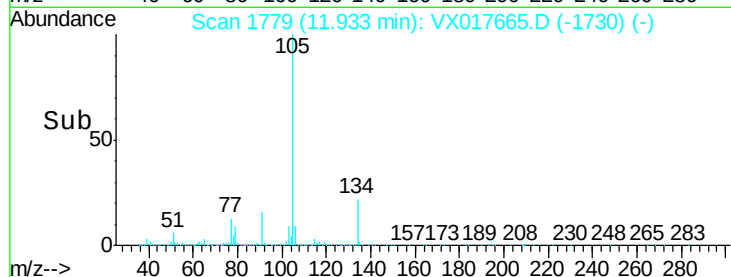
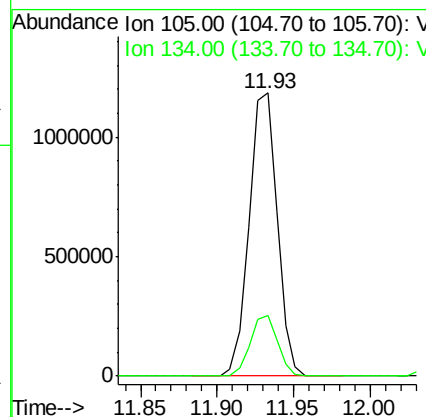
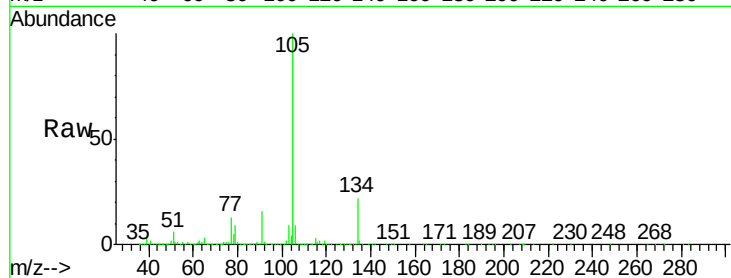
#85
 sec-Butylbenzene
 Concen: 52.067 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 1510318
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2

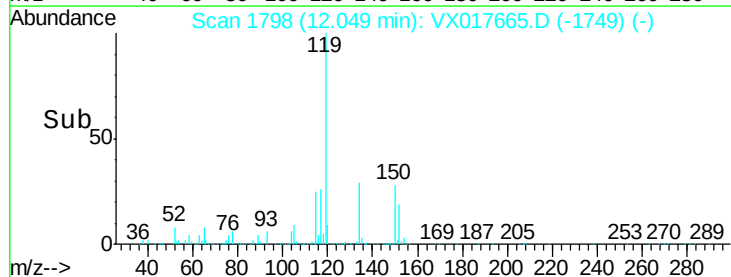
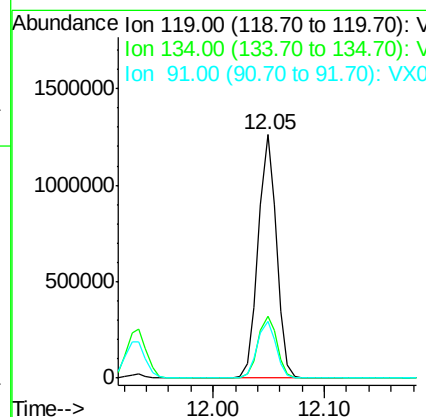
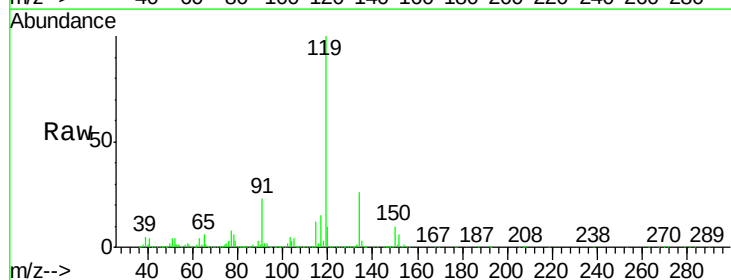
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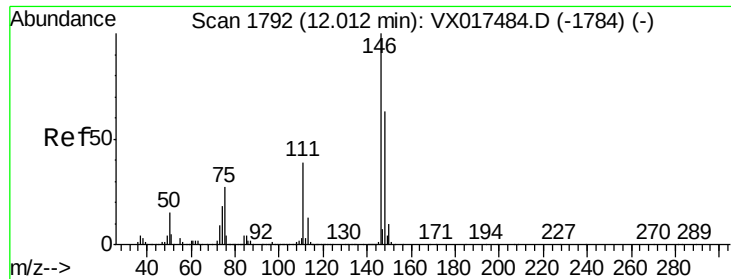
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#86
 p-Isopropyltoluene
 Concen: 52.307 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion:119 Resp: 1444904
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.1 12.1 36.3





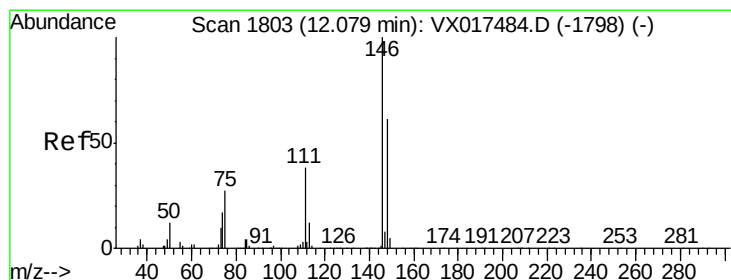
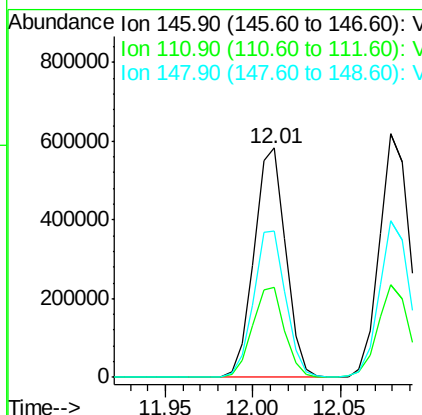
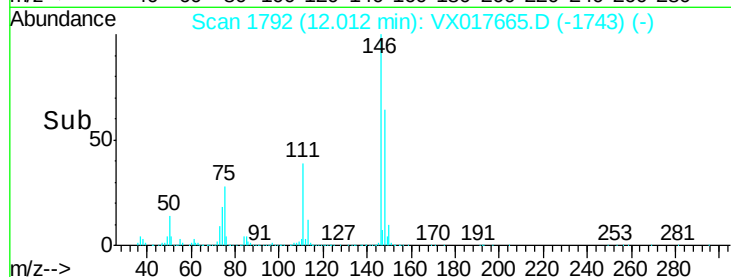
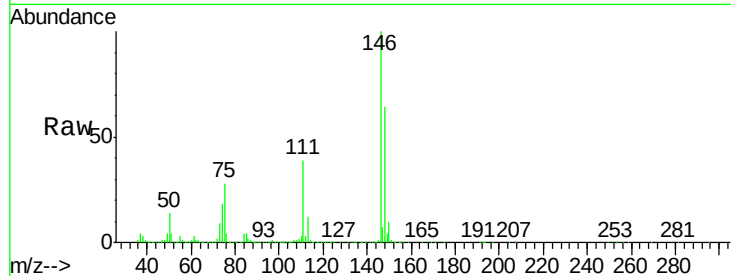
#87
 1,3-Dichlorobenzene
 Concen: 50.025 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.9	31.6	95.0

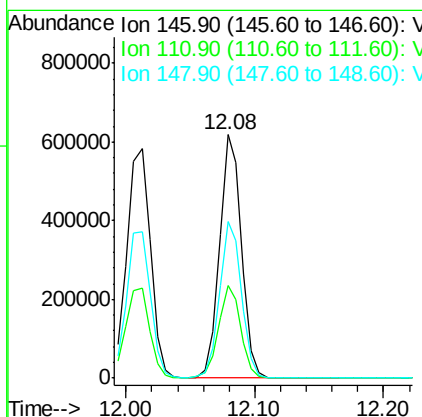
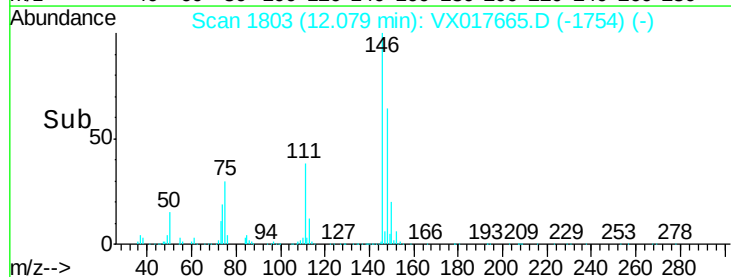
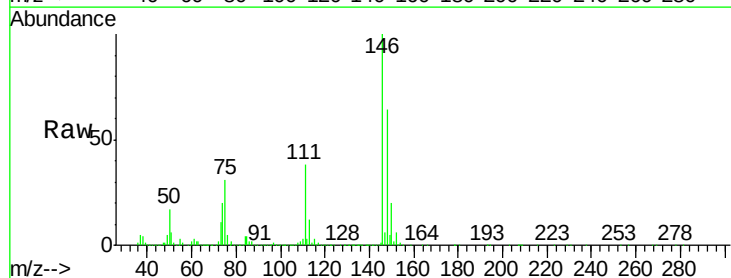
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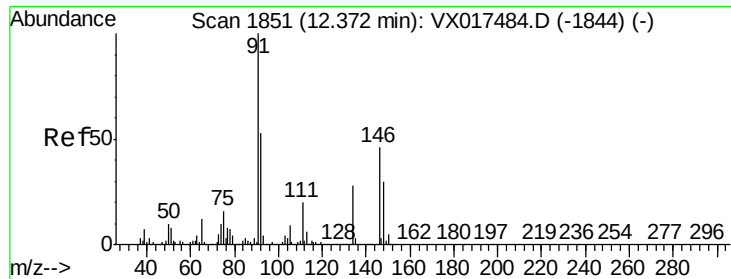
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 7/30/2020 6:08:25 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.842 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.2	32.2	96.6





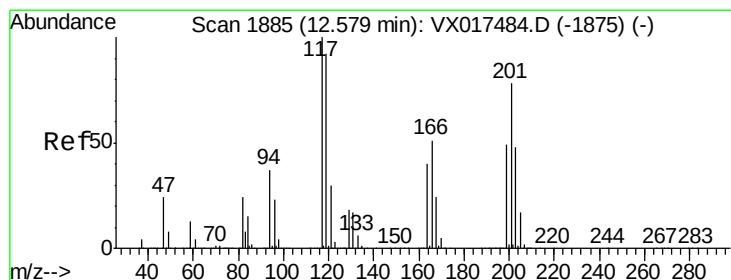
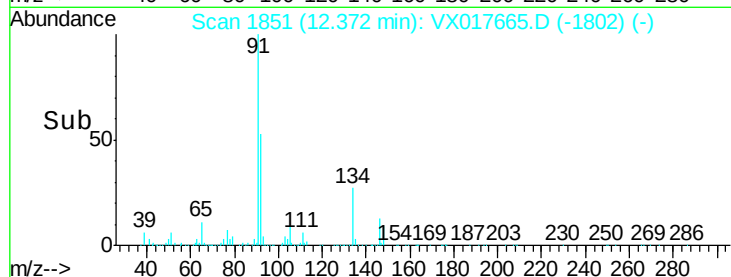
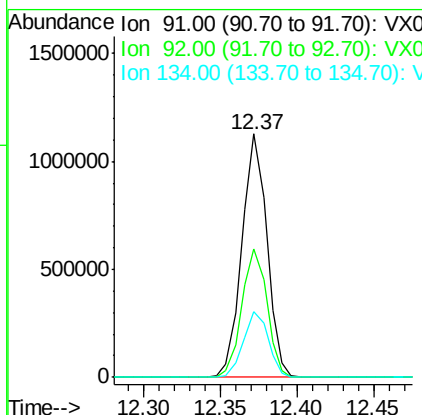
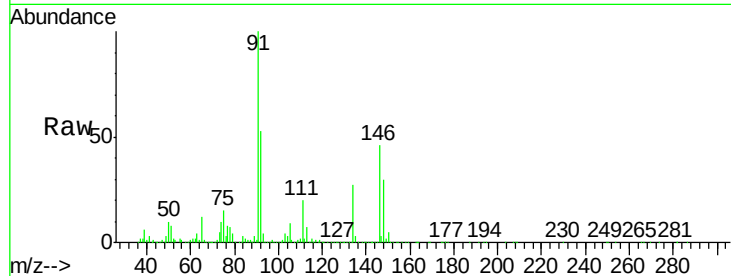
#89
n-Butylbenzene
Concen: 51.903 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.1
134	27.1	13.6	40.7

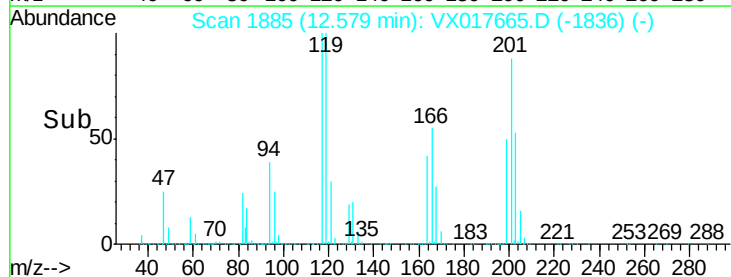
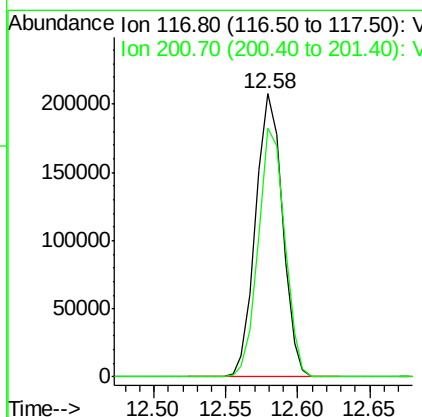
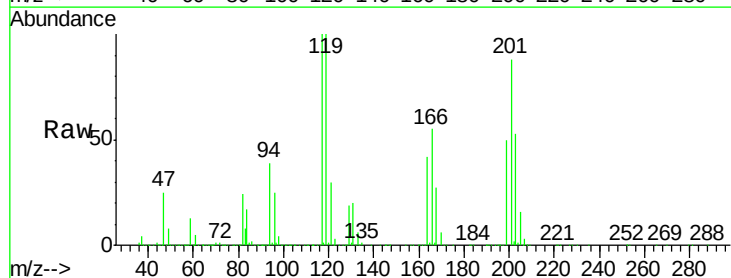
Manual Integrations
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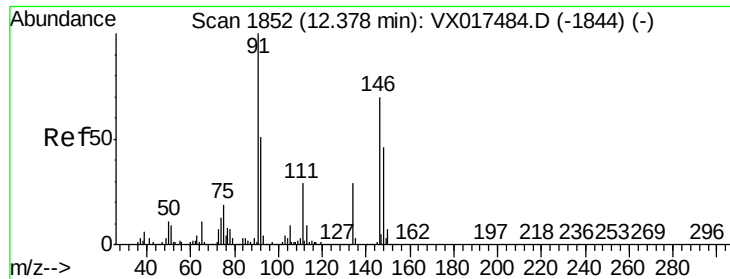
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#90
Hexachloroethane
Concen: 49.037 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	42.2	126.6





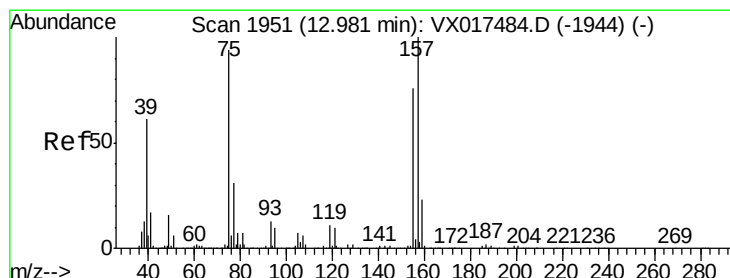
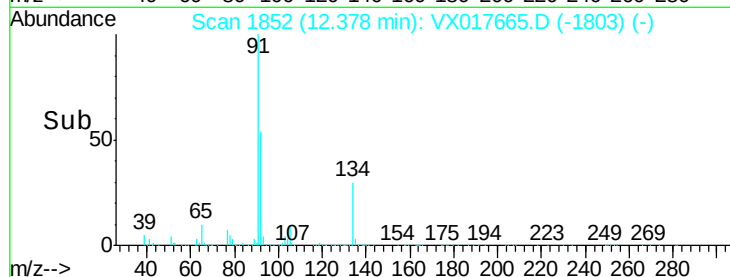
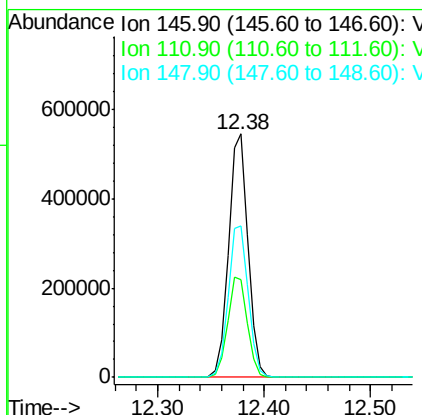
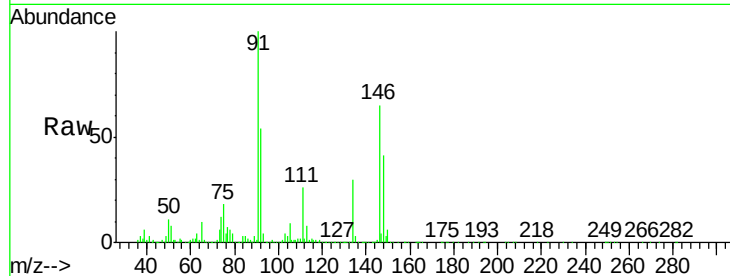
#91
 1,2-Dichlorobenzene
 Concen: 48.369 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	696573		
111	41.7	20.9	62.8	
148	64.1	32.8	98.4	

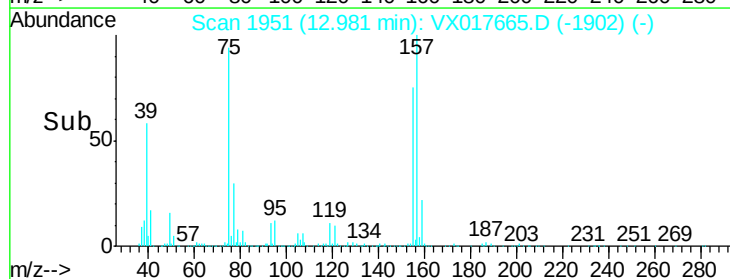
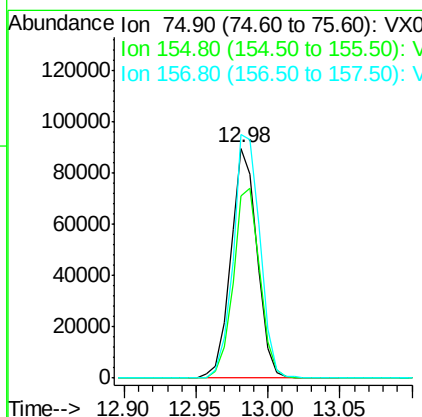
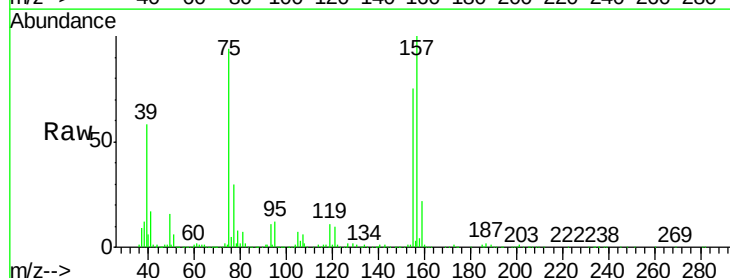
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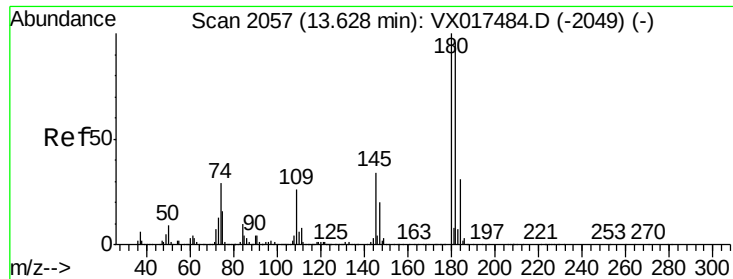
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.936 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114484		
155	83.3	42.3	126.8	
157	107.5	54.3	162.9	





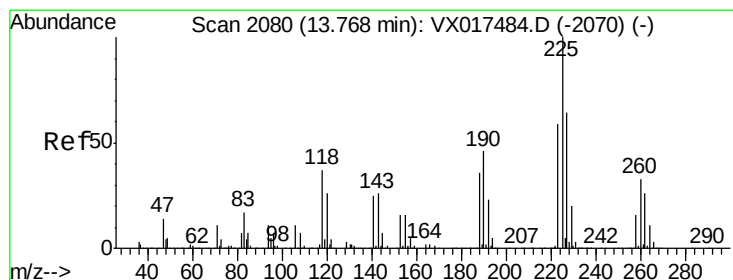
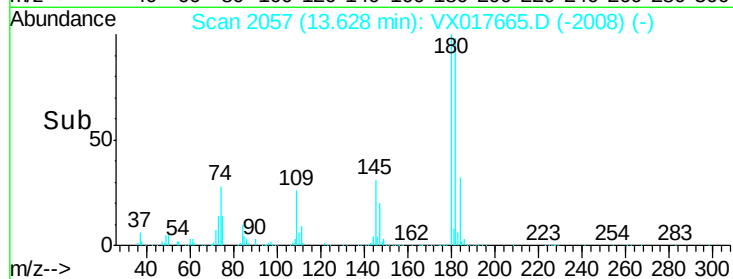
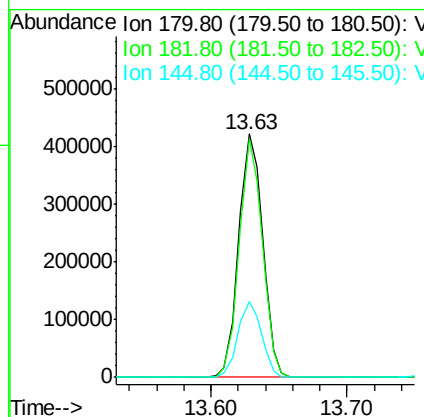
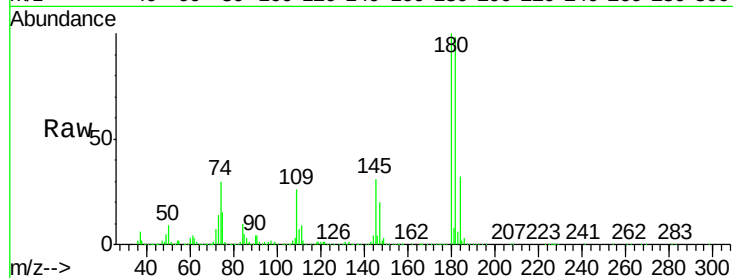
#93
 1,2,4-Trichlorobenzene
 Concen: 52.724 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	518204		
182	94.3	47.5	142.6	
145	30.8	15.4	46.4	

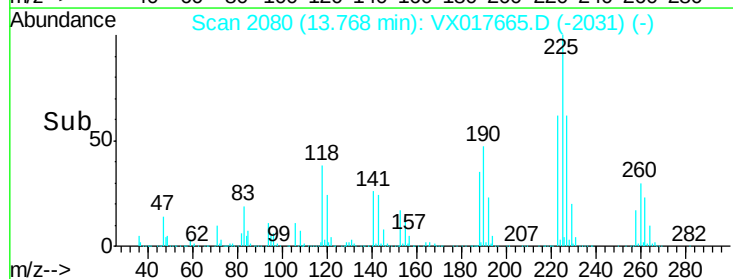
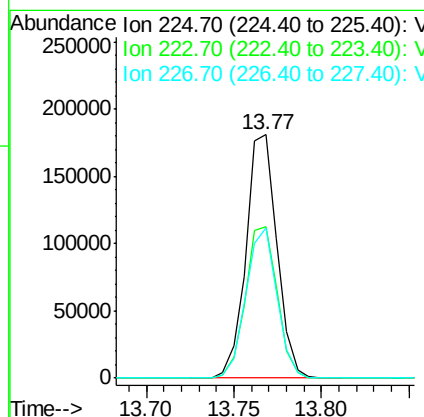
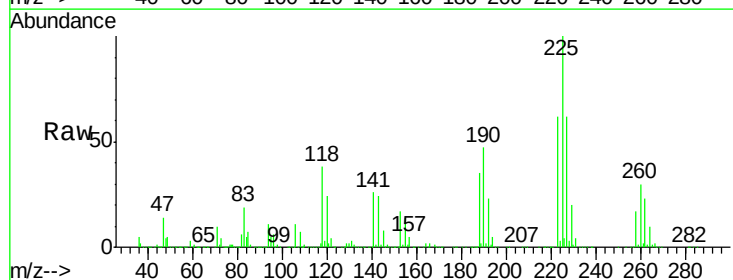
Manual Integrations
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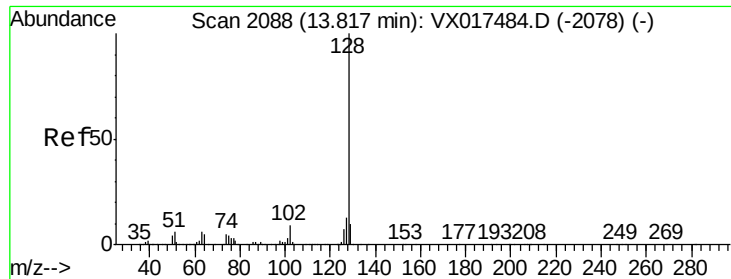
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#94
 Hexachlorobutadiene
 Concen: 49.120 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017665.D
 Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	222231		
223	64.0	30.3	90.9	
227	62.0	31.1	93.2	





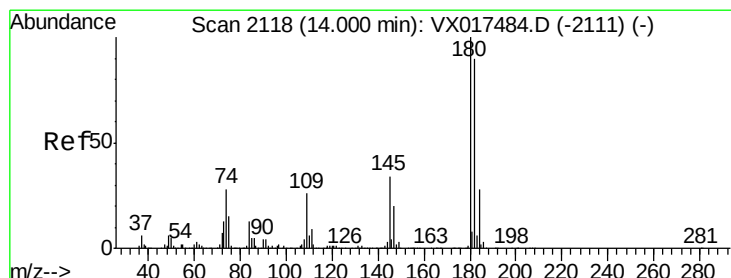
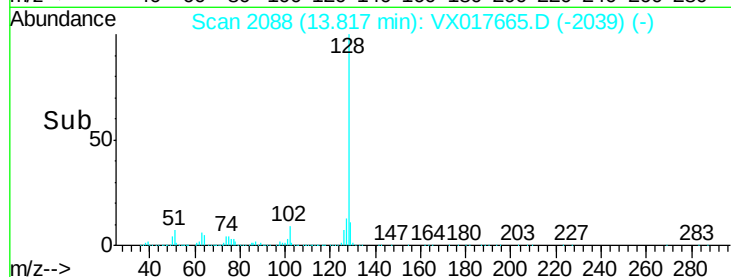
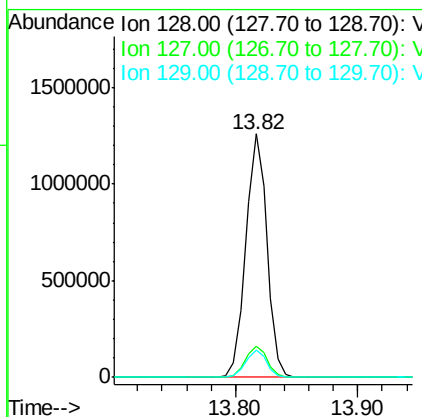
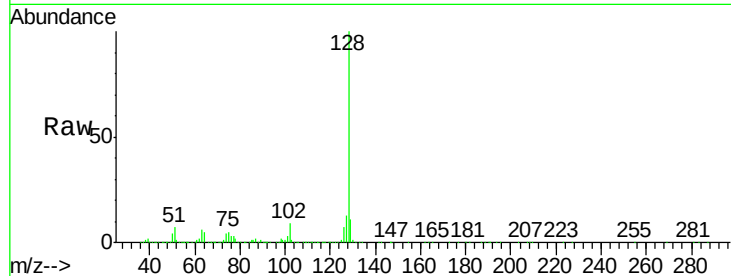
#95
Naphthalene
Concen: 51.305 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/30/2020 6:08:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.889 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017665.D
Acq: 29 Jul 2020 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.3
145	32.3	16.3	48.9

