

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017644.D
 Acq On : 28 Jul 2020 11:13
 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
 7/29/2020 10:49:18 AM

Quant Time: Jul 29 03:00:49 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	5.62	168	578568	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	856687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	437535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	369835	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	5.46	113	292588	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1039805	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	413886	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	273869	51.042	ug/l	98
3) Chloromethane	1.31	50	301515	42.218	ug/l	100
4) Vinyl Chloride	1.39	62	294881	40.502	ug/l	98
5) Bromomethane	1.62	94	184425	46.942	ug/l	96
6) Chloroethane	1.71	64	179454	44.617	ug/l	97
7) Trichlorofluoromethane	1.91	101	501129	43.761	ug/l	98
8) Diethyl Ether	2.17	74	170186	45.723	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	261880	41.673	ug/l	98
10) Methyl Iodide	2.49	142	347945	43.278	ug/l	97
11) Tert butyl alcohol	3.01	59	329256	210.206	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246754	41.291	ug/l	98
13) Acrolein	2.27	56	324007	270.587	ug/l	99
14) Allyl chloride	2.70	41	482767	44.242	ug/l	99
15) Acrylonitrile	3.12	53	772311	228.283	ug/l	99
16) Acetone	2.42	43	667383	204.026	ug/l	96
17) Carbon Disulfide	2.55	76	752638	41.436	ug/l	99
18) Methyl Acetate	2.75	43	336191	43.639	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	954666	46.155	ug/l	97
20) Methylene Chloride	2.83	84	303157	49.188	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	291062	45.464	ug/l	99
22) Diisopropyl ether	3.82	45	951241	47.676	ug/l	97
23) Vinyl Acetate	3.78	43	4305629	242.027	ug/l	100
24) 1,1-Dichloroethane	3.67	63	525068	45.684	ug/l	99
25) 2-Butanone	4.63	43	1076956	231.758	ug/l	96
26) 2,2-Dichloropropane	4.54	77	477151	46.378	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	330521	47.533	ug/l	97
28) Bromochloromethane	4.98	49	256044	49.160	ug/l	99
29) Tetrahydrofuran	5.09	42	690860	240.015	ug/l	99
30) Chloroform	5.17	83	562727	47.917	ug/l	98
31) Cyclohexane	5.54	56	440557	48.067	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	521232	47.067	ug/l	99
36) 1,1-Dichloropropene	5.77	75	405172	49.313	ug/l	100
37) Ethyl Acetate	4.79	43	427915	47.599	ug/l	100
38) Carbon Tetrachloride	5.75	117	485512	48.660	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	458078	47.758	ug/l	98
40) Benzene	6.11	78	1162918	49.368	ug/l	99
41) Methacrylonitrile	5.00	41	243329	47.221	ug/l	98
42) 1,2-Dichloroethane	6.16	62	483656	50.188	ug/l	100
43) Isopropyl Acetate	6.41	43	711691	47.980	ug/l	99
44) Trichloroethene	7.19	130	345938	50.252	ug/l	97
45) 1,2-Dichloropropane	7.49	63	310096	47.487	ug/l	98
46) Dibromomethane	7.63	93	221958	48.096	ug/l	99
47) Bromodichloromethane	7.87	83	465628	50.144	ug/l	97
48) Methyl methacrylate	7.74	41	356046	48.425	ug/l	98
49) 1,4-Dioxane	7.71	88	139450	989.243	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2220422	250.887	ug/l	98
52) Toluene	8.76	92	750394	49.672	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	530564	51.042	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	542568	51.174	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	319512	50.771	ug/l	99
56) Ethyl methacrylate	9.16	69	488985	51.574	ug/l	100
57) 1,3-Dichloropropane	9.35	76	529528	51.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1257428	251.732	ug/l	99
59) 2-Hexanone	9.47	43	1684351	252.782	ug/l	99
60) Dibromochloromethane	9.57	129	402078	50.268	ug/l	98
61) 1,2-Dibromoethane	9.65	107	356697	53.238	ug/l	99
64) Tetrachloroethene	9.32	164	361779	47.835	ug/l	96
65) Chlorobenzene	10.12	112	868831	47.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	356495	48.429	ug/l	100
67) Ethyl Benzene	10.23	91	1500904	49.297	ug/l	95
68) m/p-Xylenes	10.34	106	1154468	97.879	ug/l	98
69) o-Xylene	10.68	106	554378	48.870	ug/l	99
70) Styrene	10.70	104	968387	50.173	ug/l	98
71) Bromoform	10.84	173	299340	46.936	ug/l #	98
73) Isopropylbenzene	11.00	105	1520118	50.644	ug/l	100
74) N-amyl acetate	10.88	43	661608	49.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	430959	45.999	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	430773m	47.862	ug/l	
77) Bromobenzene	11.24	156	411704	48.995	ug/l	98
78) n-propylbenzene	11.34	91	1720361	50.819	ug/l	99
79) 2-Chlorotoluene	11.40	91	1019404	48.611	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1283740	50.092	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	167615	46.927	ug/l	97
82) 4-Chlorotoluene	11.49	91	1223067	49.443	ug/l	100
83) tert-Butylbenzene	11.76	119	1238927	50.523	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1307700	51.303	ug/l	99
85) sec-Butylbenzene	11.93	105	1448042	50.691	ug/l	100
86) p-Isopropyltoluene	12.05	119	1382081	50.805	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	715269	49.568	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	728652	48.750	ug/l	99
89) n-Butylbenzene	12.37	91	1180683	48.707	ug/l	99
90) Hexachloroethane	12.58	117	251738	46.938	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	683910	48.223	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	112180	42.734	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	493425	50.978	ug/l	99
94) Hexachlorobutadiene	13.77	225	191588	43.000	ug/l	97
95) Naphthalene	13.82	128	1511292	52.304	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	480090	50.234	ug/l	98

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

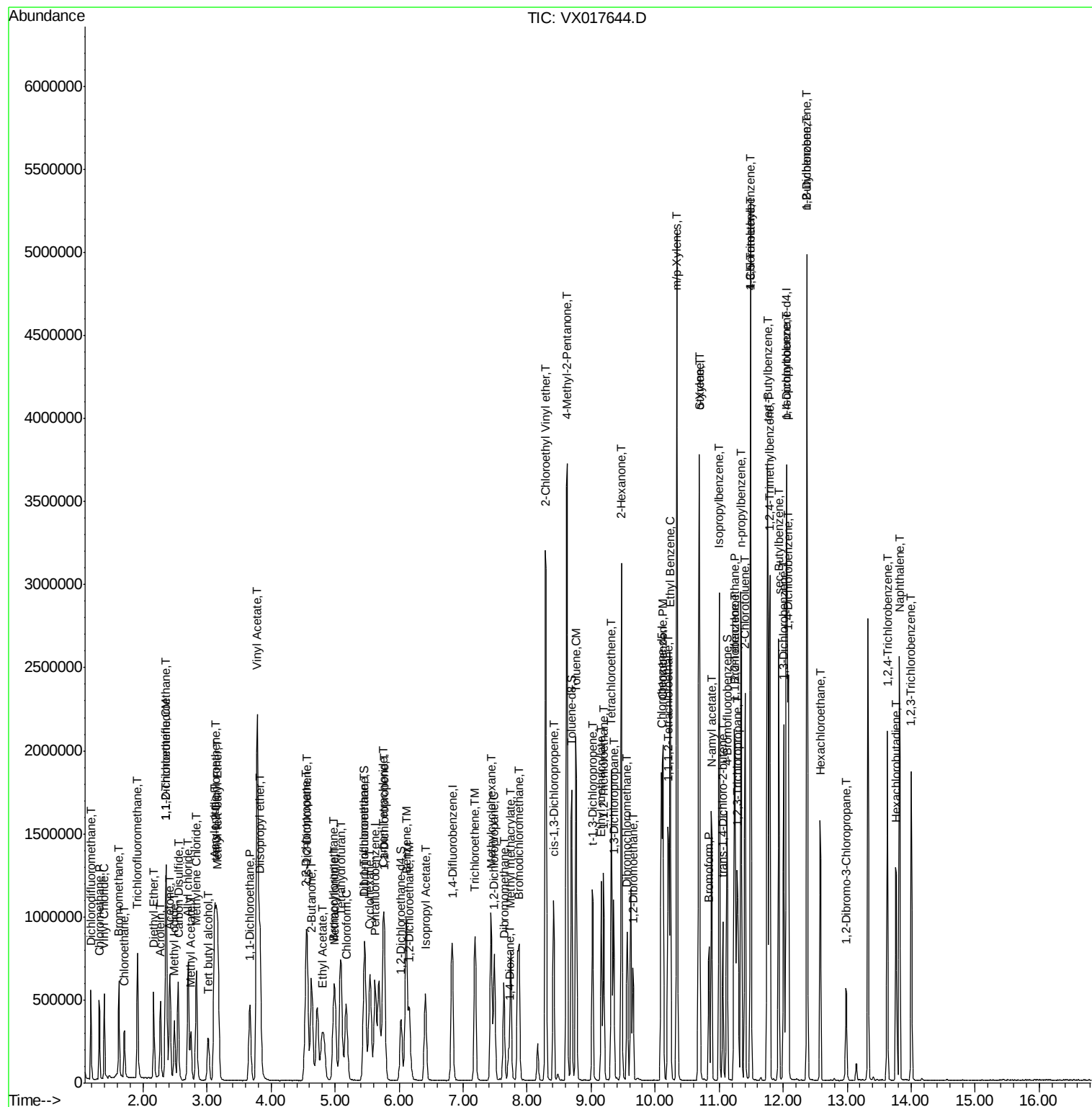
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
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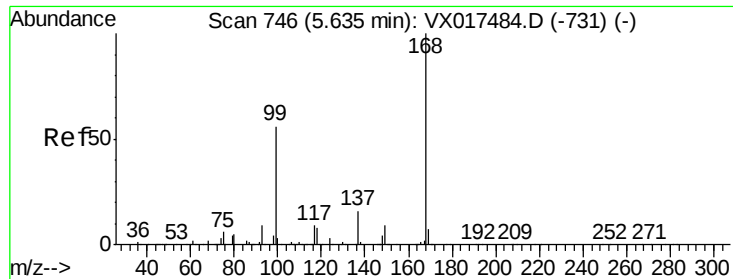
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 578568

Ion Ratio Lower Upper

168 100

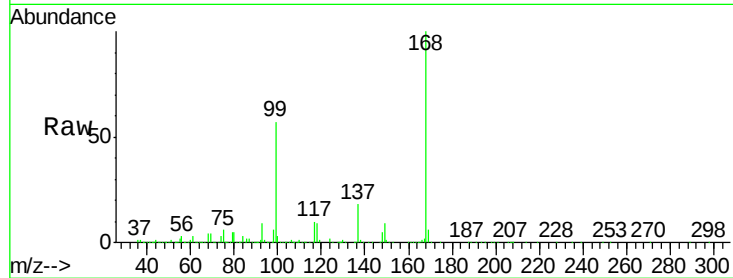
99 57.2 43.4 65.2

Manual Integrations

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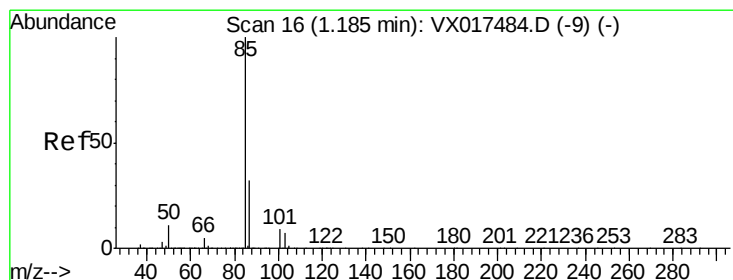
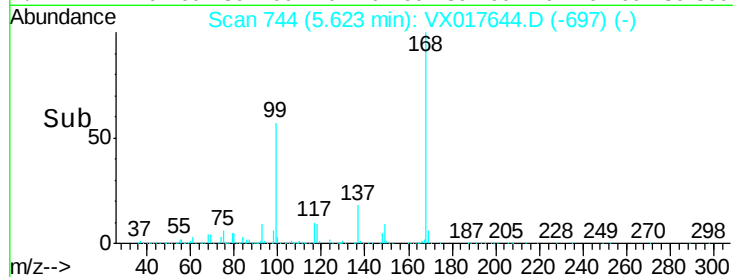
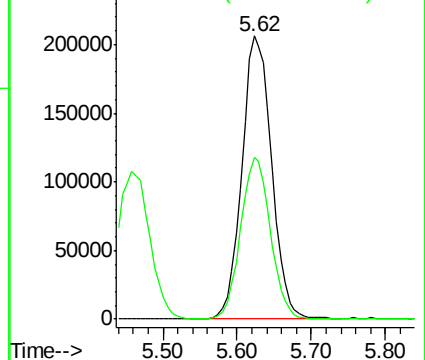
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.042 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017644.D

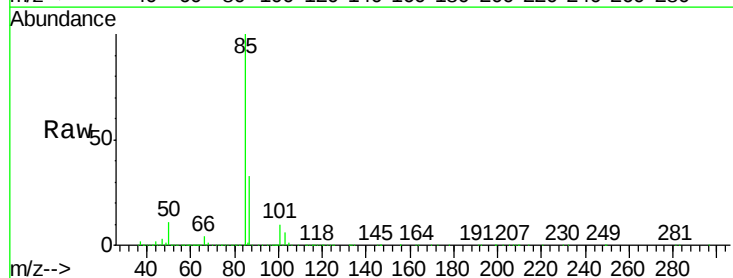
Acq: 28 Jul 2020 11:13

Tgt Ion: 85 Resp: 273869

Ion Ratio Lower Upper

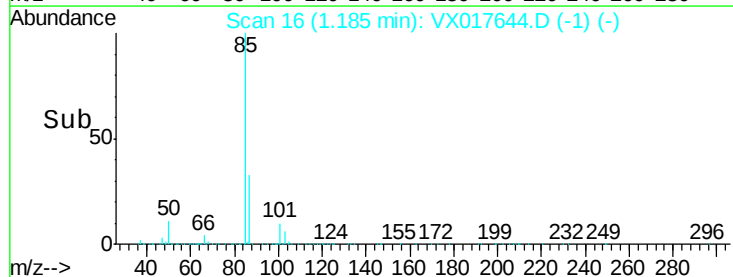
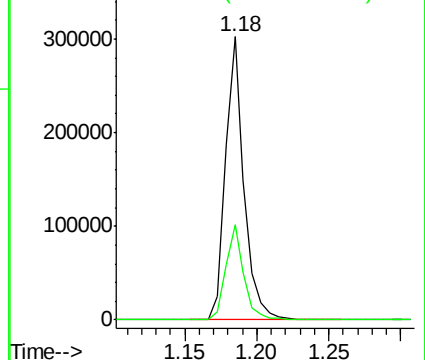
85 100

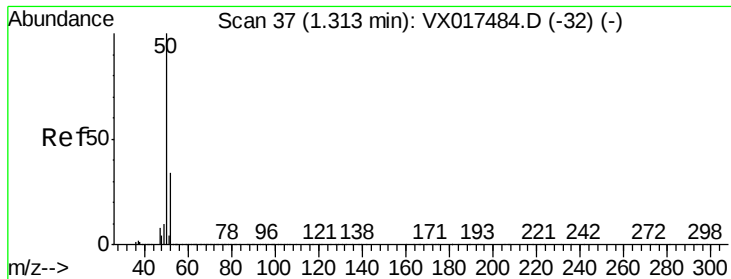
87 33.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.218 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 301515

Ion Ratio Lower Upper

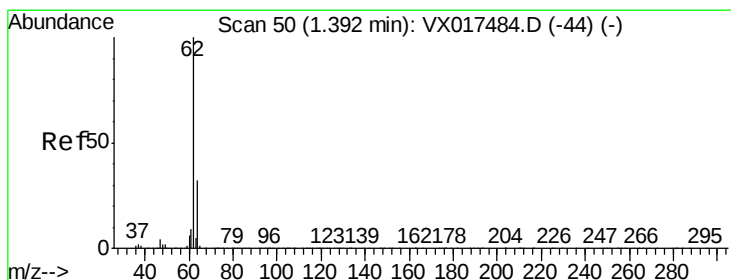
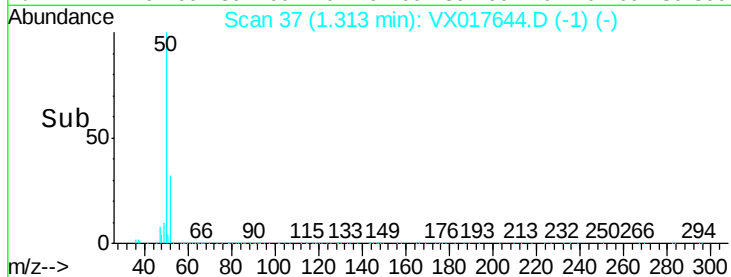
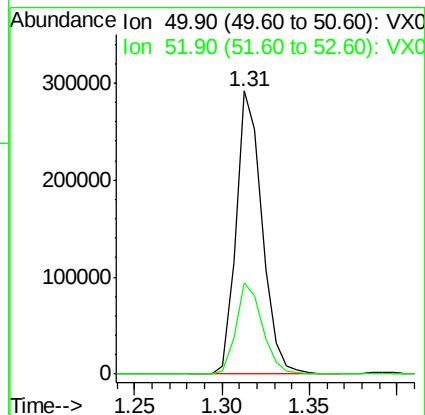
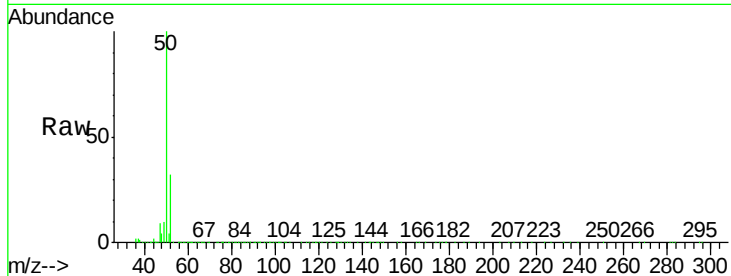
50 100

52 32.3 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 40.502 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017644.D

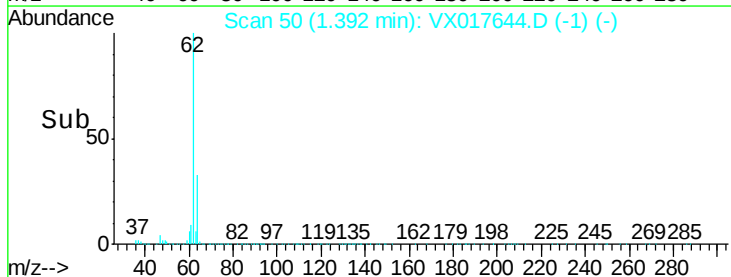
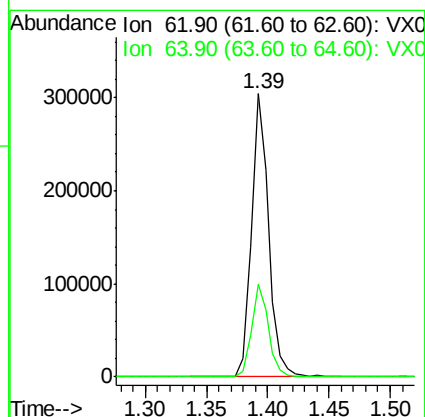
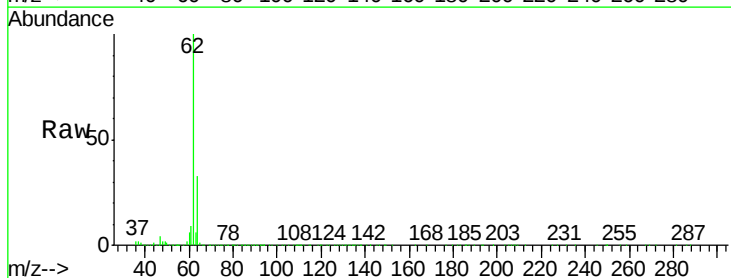
Acq: 28 Jul 2020 11:13

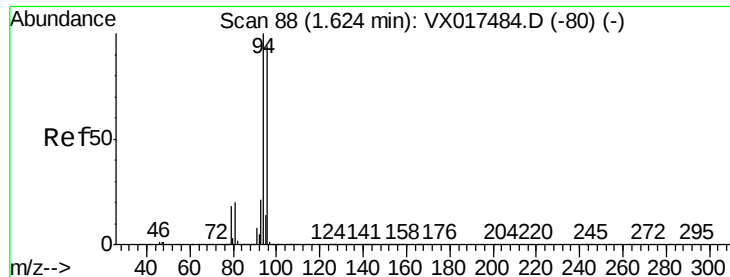
Tgt Ion: 62 Resp: 294881

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 46.942 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

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Tgt Ion: 94 Resp: 184425

Ion Ratio Lower Upper

94 100

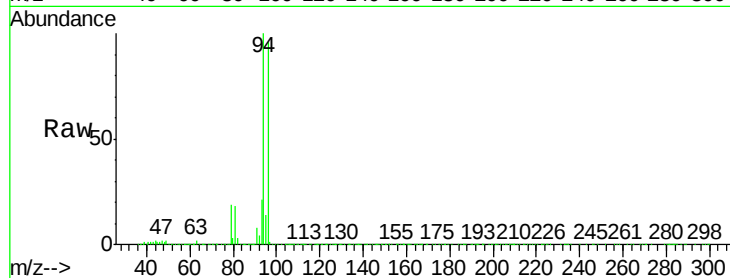
96 96.2 74.1 111.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

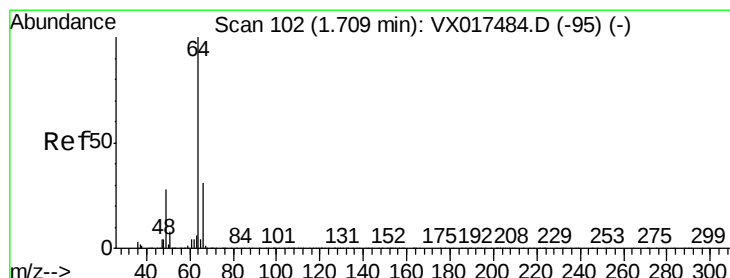
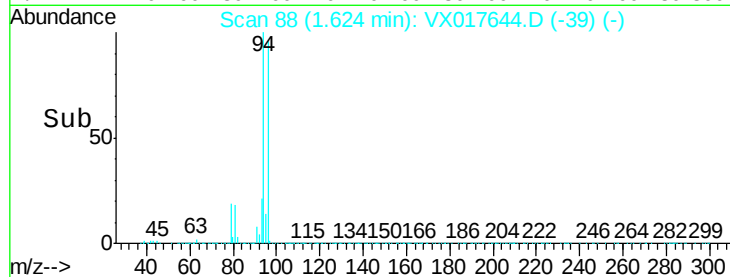
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 44.617 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017644.D

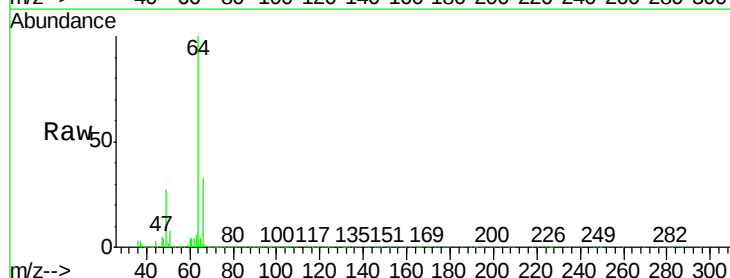
Acq: 28 Jul 2020 11:13

Tgt Ion: 64 Resp: 179454

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

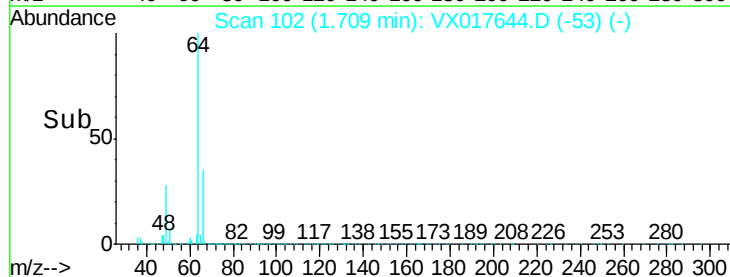
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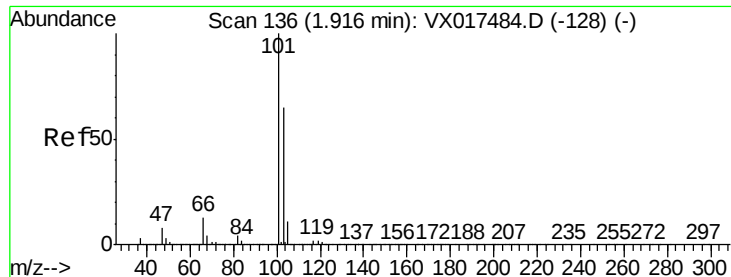
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Time-->





#7

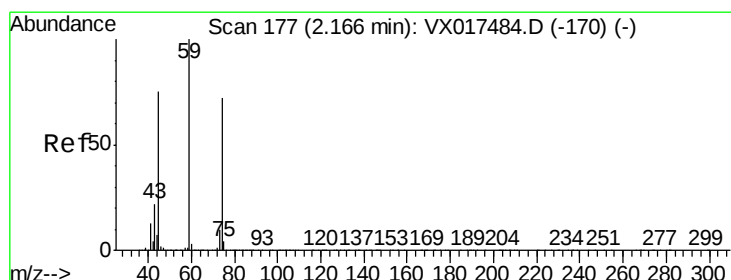
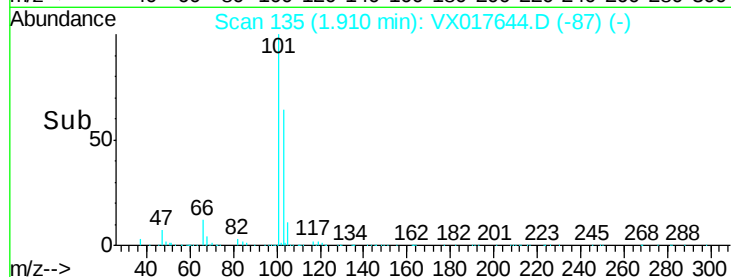
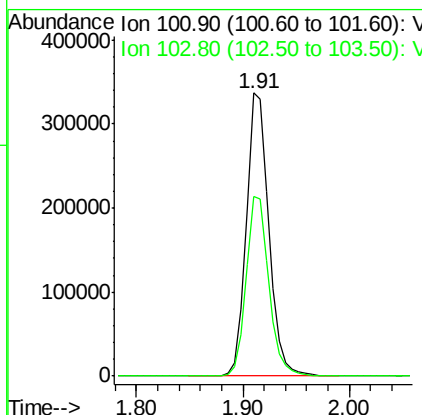
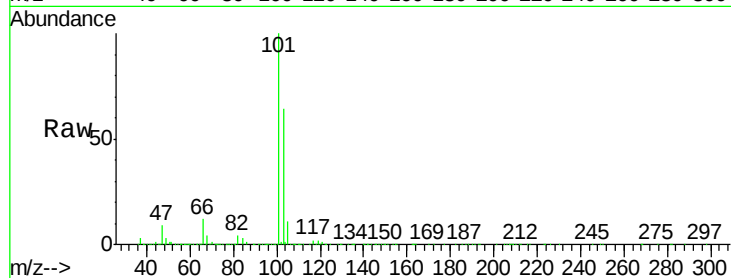
Trichlorofluoromethane
Concen: 43.761 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017644.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.8	77.8

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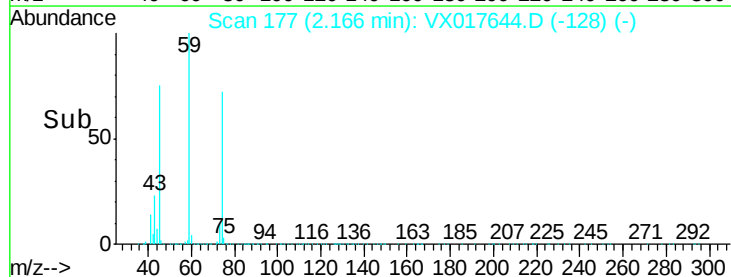
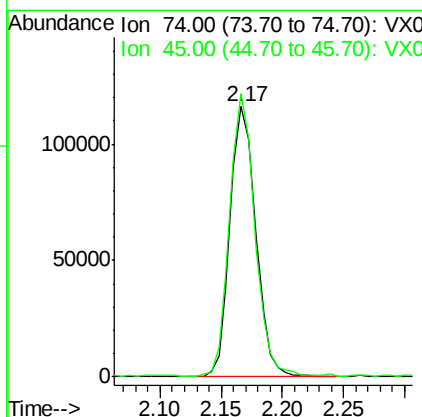
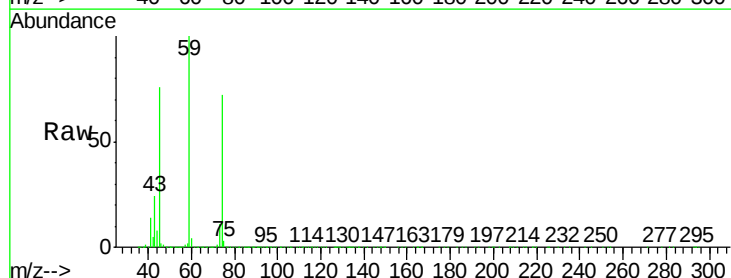
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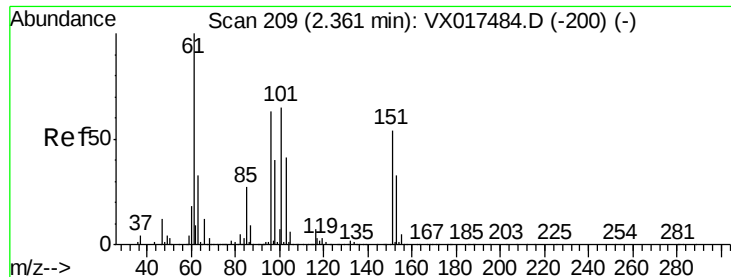


#8

Diethyl Ether
Concen: 45.723 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.673 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

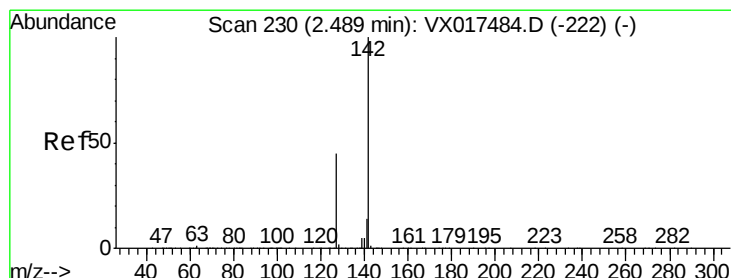
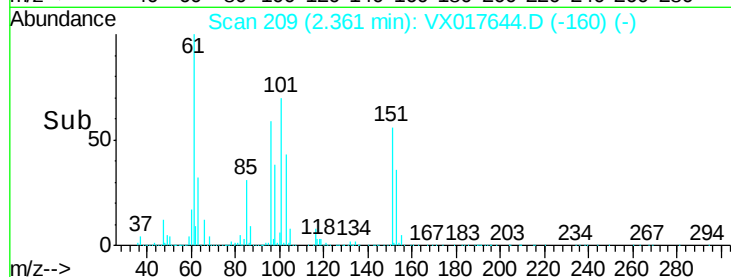
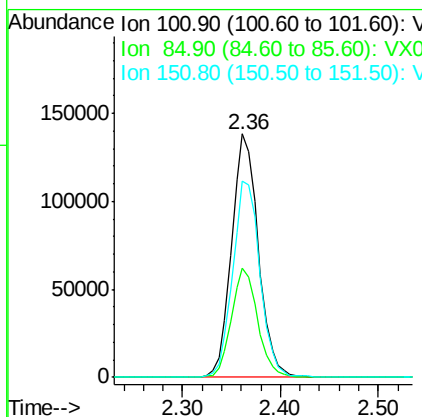
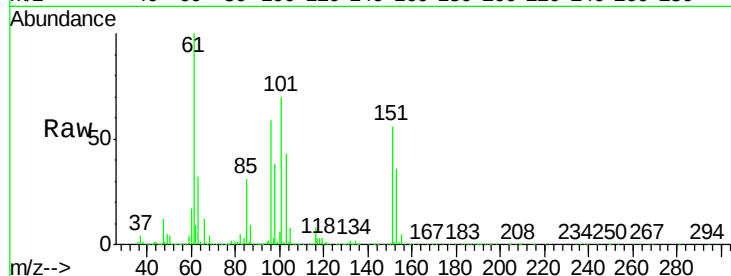
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	261880
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.8	52.2
151	82.8	68.0	102.0

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#10

Methyl Iodide

Concen: 43.278 ug/l

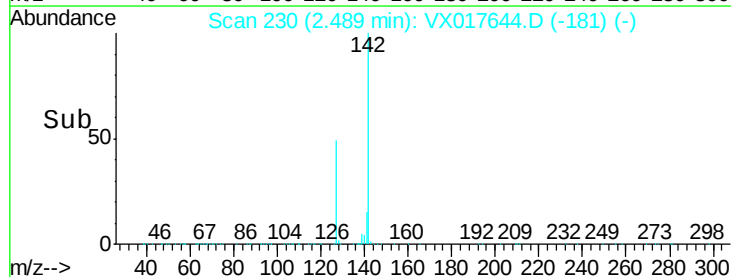
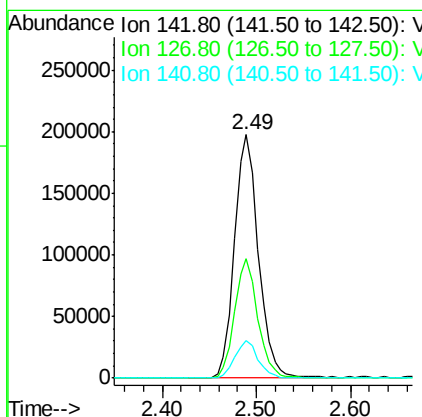
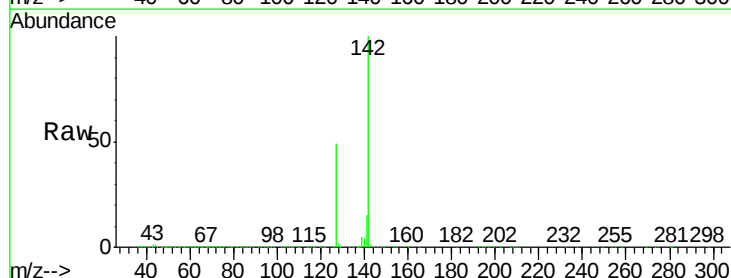
RT: 2.49 min Scan# 230

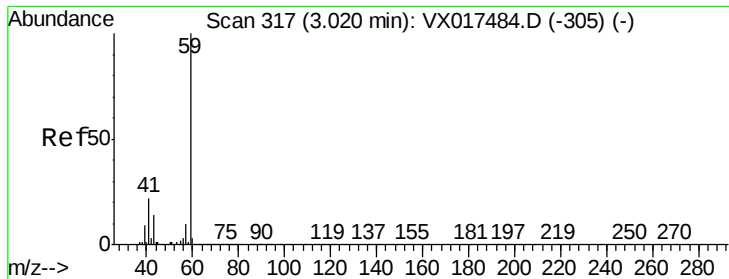
Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion:	142	Resp:	347945
Ion Ratio	Lower	Upper	
142	100		
127	47.4	35.9	53.9
141	15.1	11.4	17.0





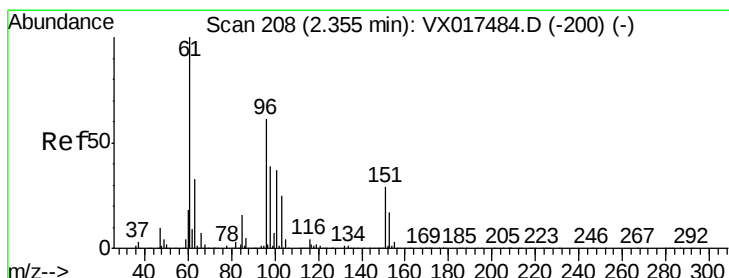
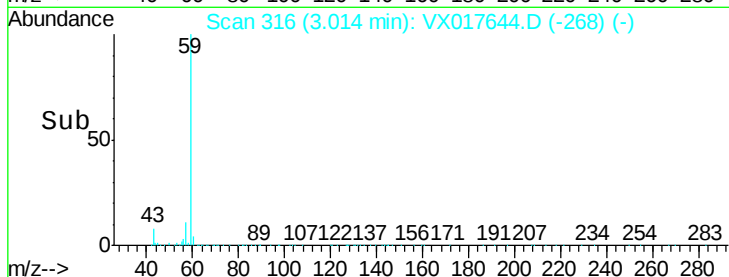
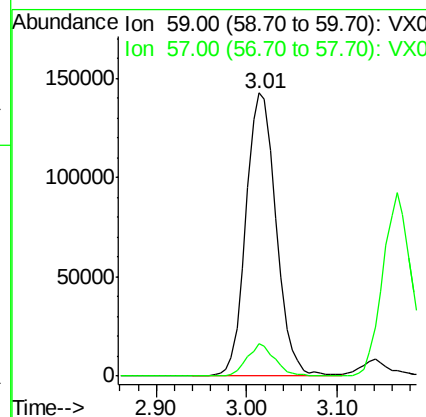
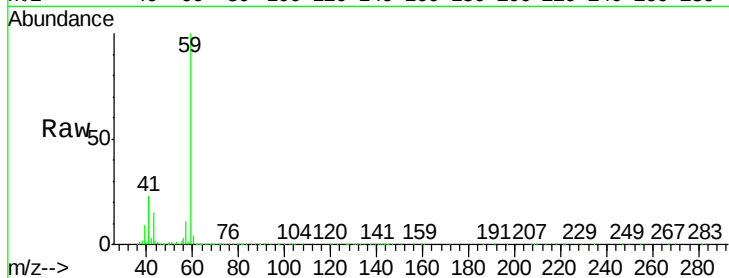
#11
Tert butyl alcohol
Concen: 210.206 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 329256
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

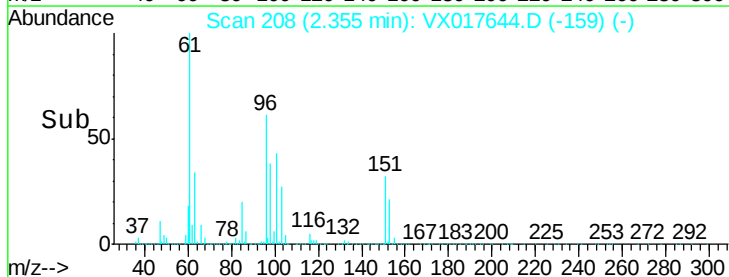
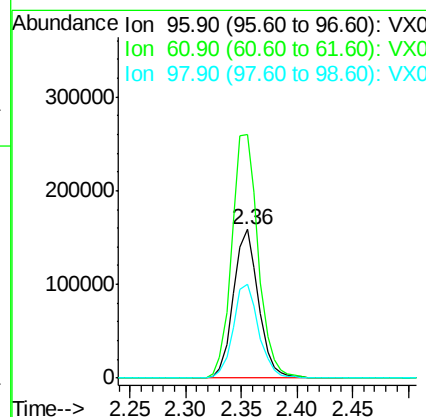
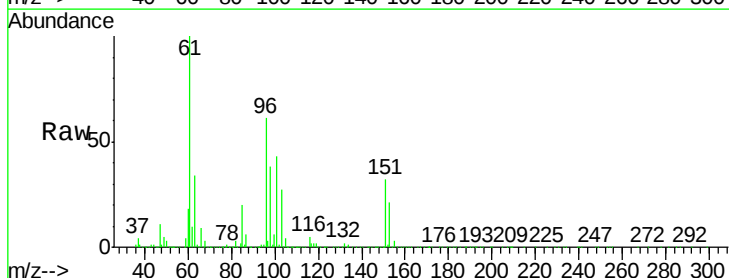
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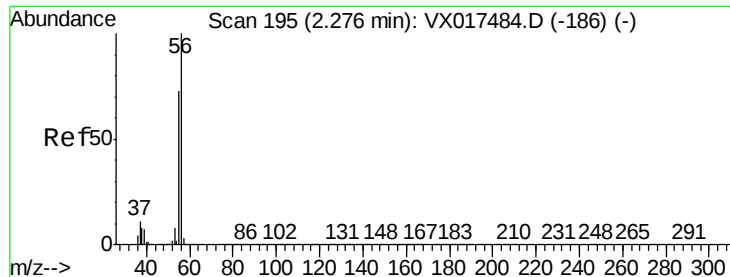
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#12
1,1-Dichloroethene
Concen: 41.291 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 96 Resp: 246754
Ion Ratio Lower Upper
96 100
61 164.4 134.0 201.0
98 63.2 51.0 76.4





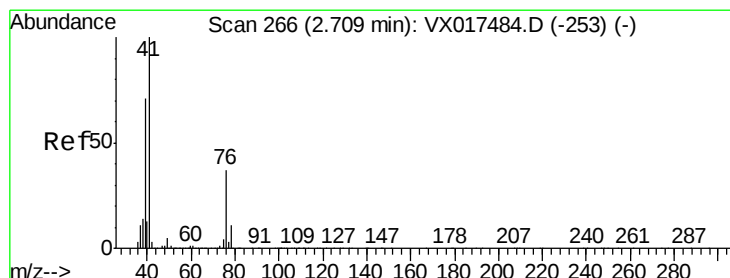
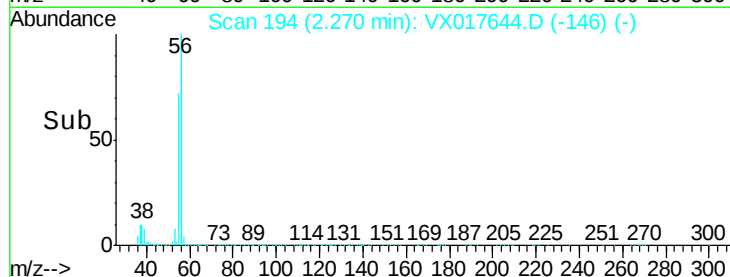
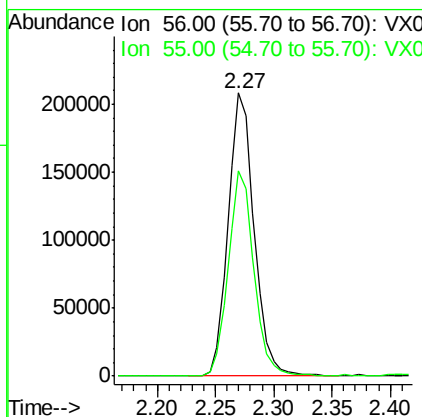
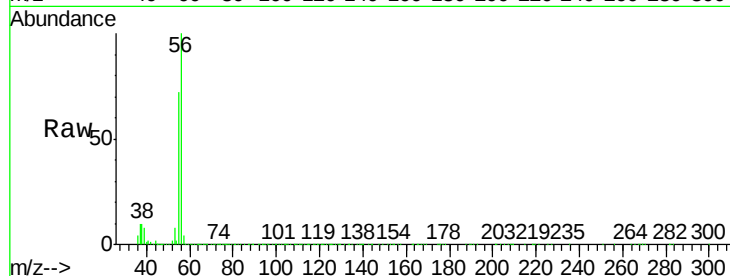
#13
Acrolein
Concen: 270.587 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.4	86.2

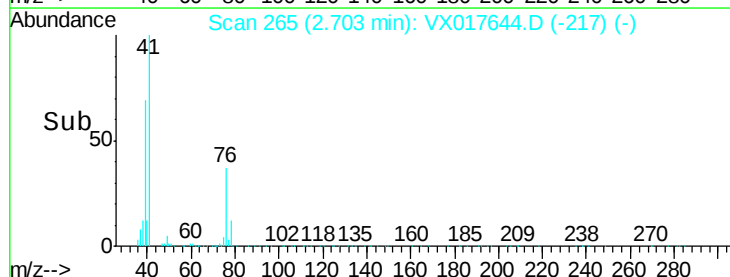
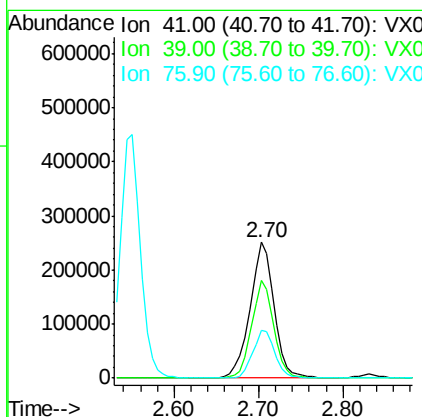
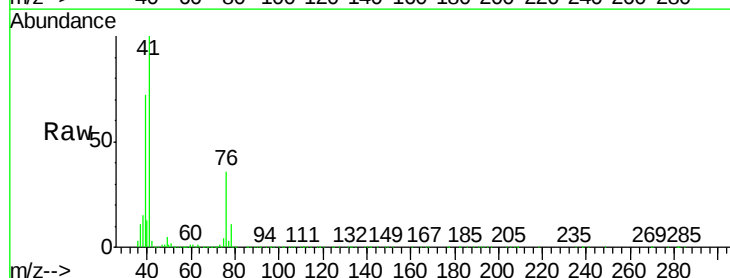
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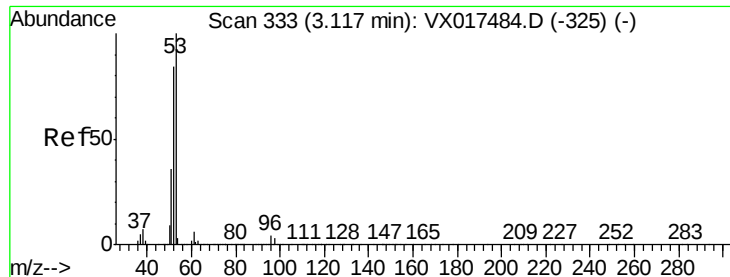
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#14
Allyl chloride
Concen: 44.242 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	51.9	77.9
76	32.4	25.5	38.3





#15

Acrylonitrile

Concen: 228.283 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

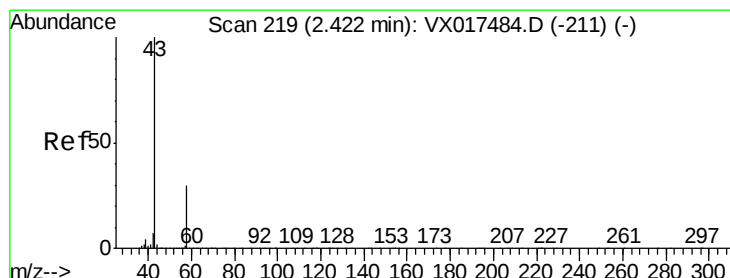
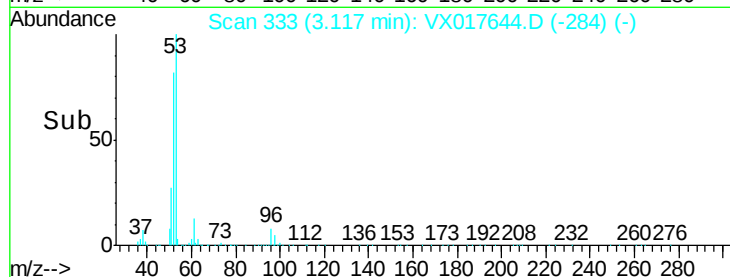
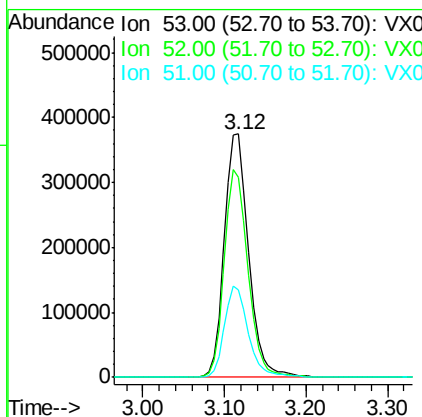
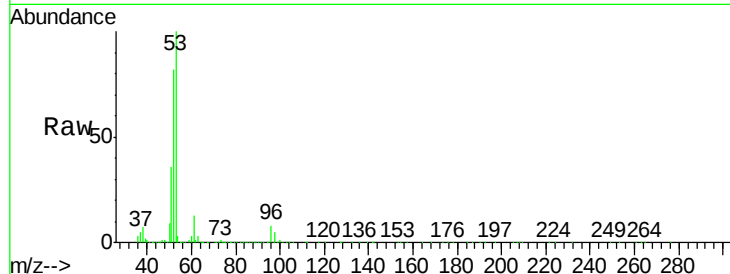
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	36.8	29.4	44.2

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#16

Acetone

Concen: 204.026 ug/l

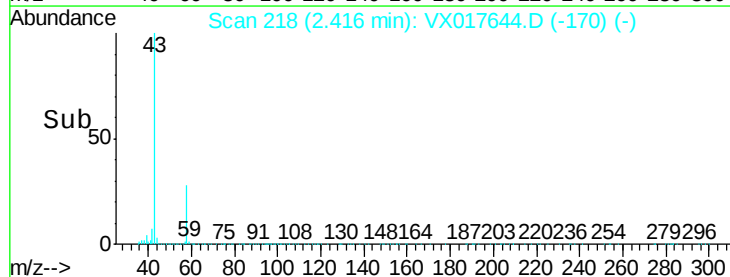
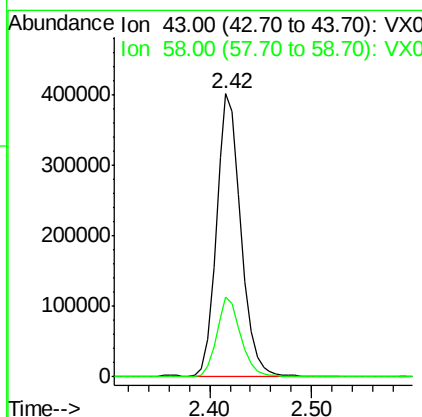
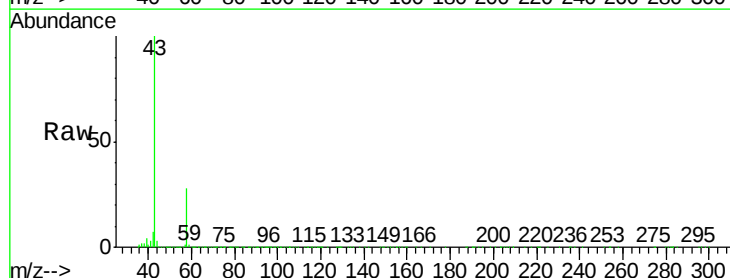
RT: 2.42 min Scan# 218

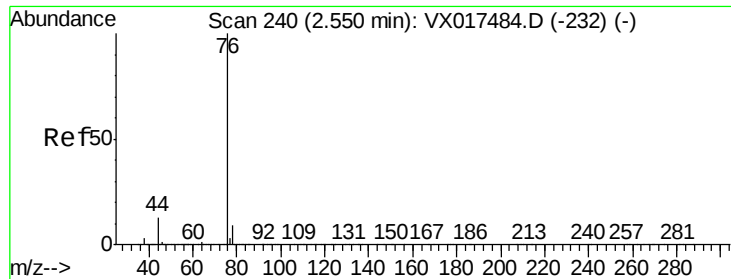
Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.2	36.4





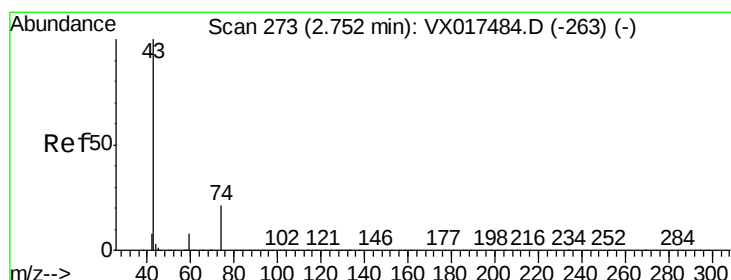
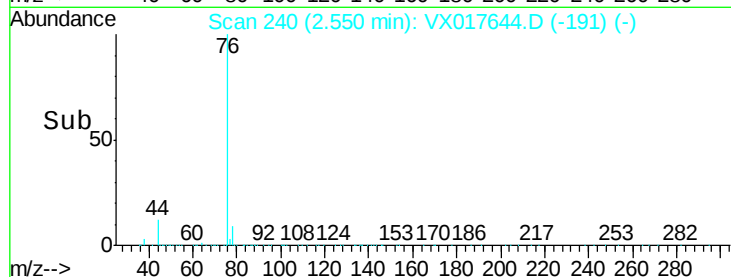
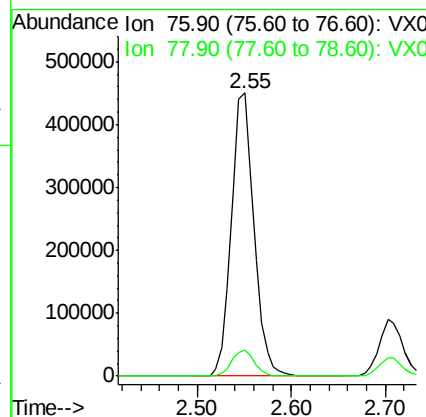
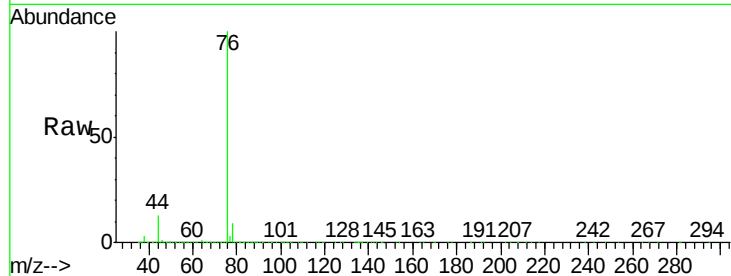
#17
Carbon Disulfide
Concen: 41.436 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

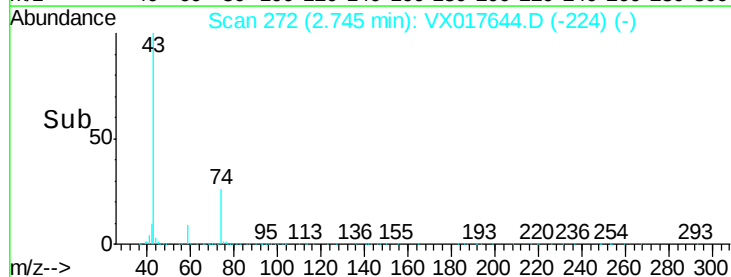
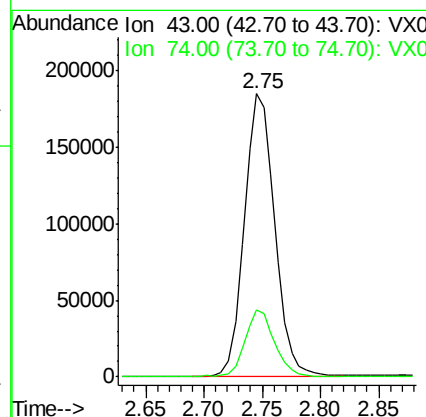
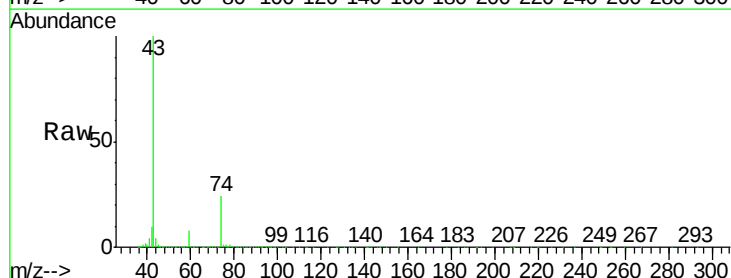
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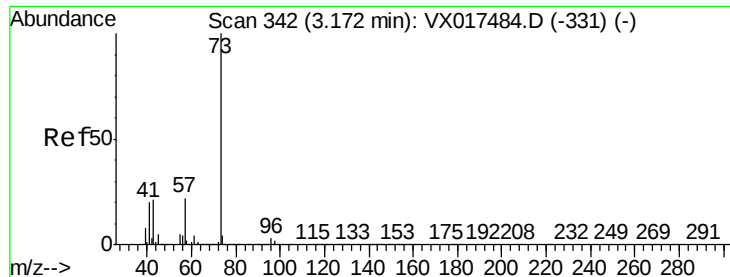
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#18
Methyl Acetate
Concen: 43.639 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.5	26.3





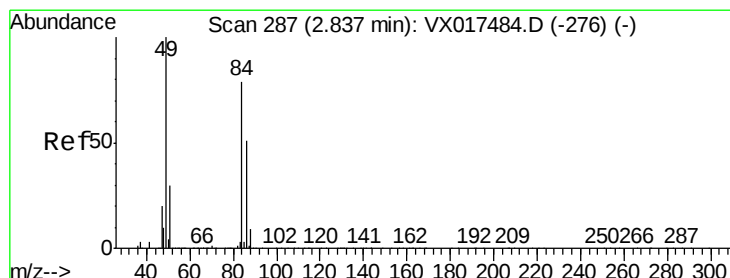
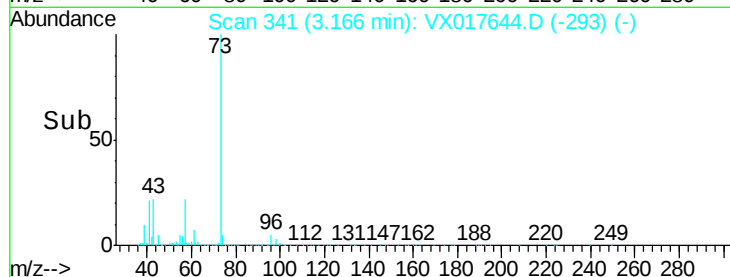
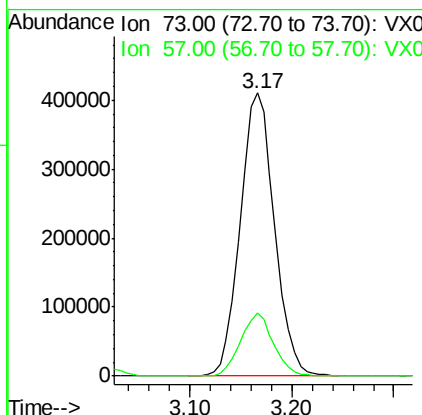
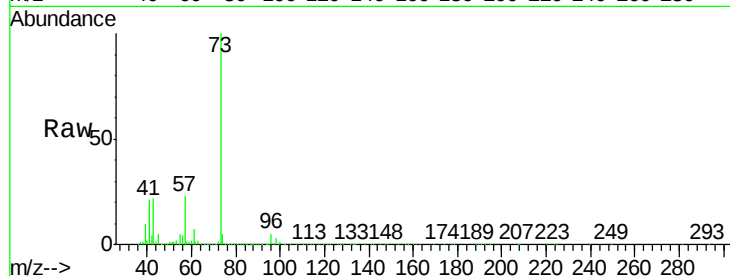
#19
Methyl tert-butyl Ether
Concen: 46.155 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 954666
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.4

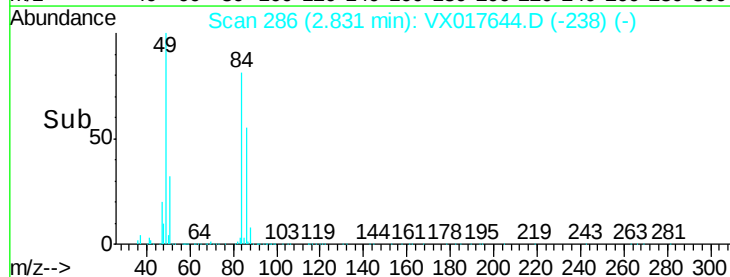
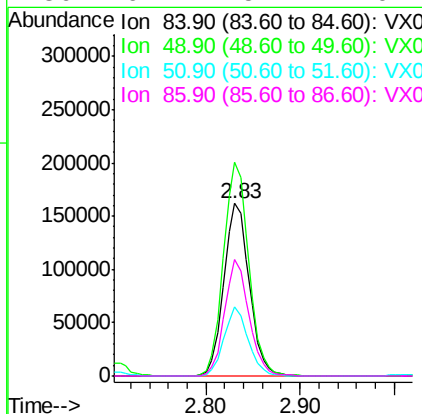
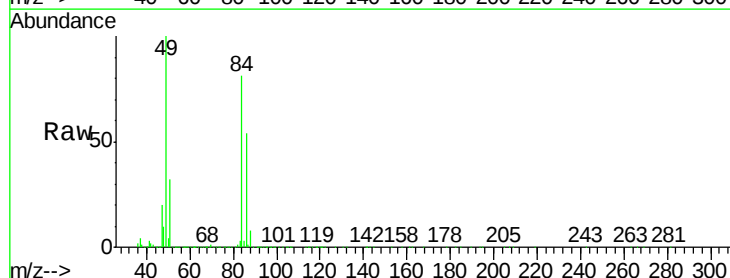
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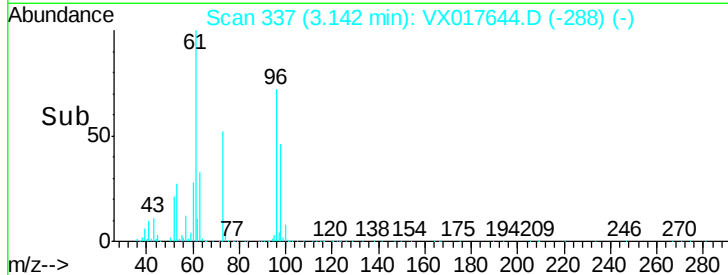
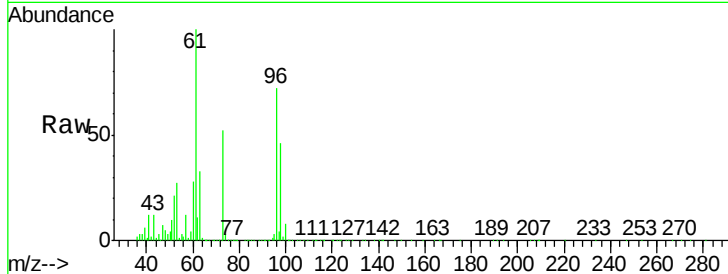
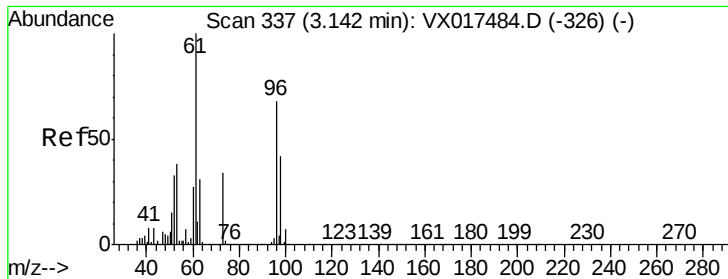
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#20
Methylene Chloride
Concen: 49.188 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 84 Resp: 303157
Ion Ratio Lower Upper
84 100
49 123.7 100.3 150.5
51 40.0 30.5 45.7
86 67.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.464 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017644.D

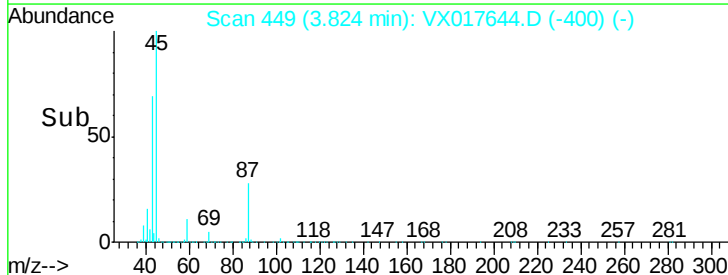
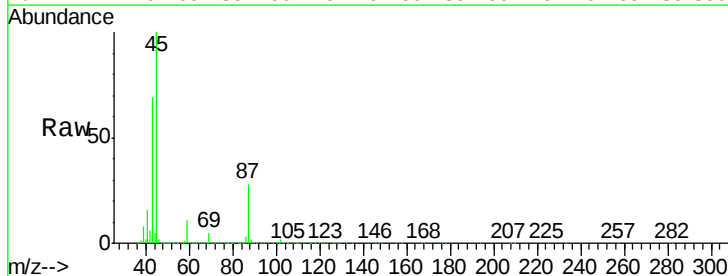
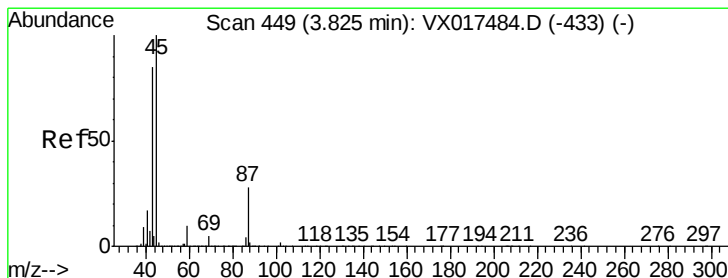
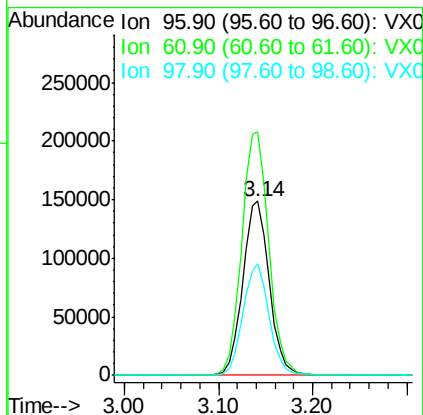
Acq: 28 Jul 2020 11:13

Tgt Ion:	96	Resp:	291062
Ion	Ratio	Lower	Upper
96	100		
61	139.8	113.0	169.4
98	64.3	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 47.676 ug/l

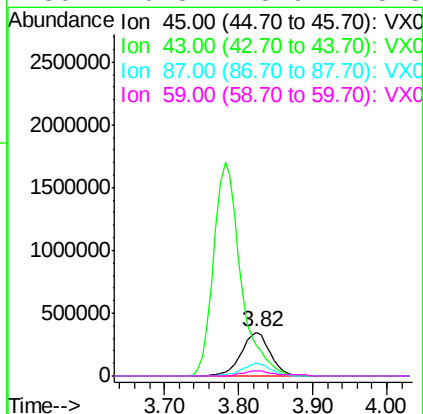
RT: 3.82 min Scan# 449

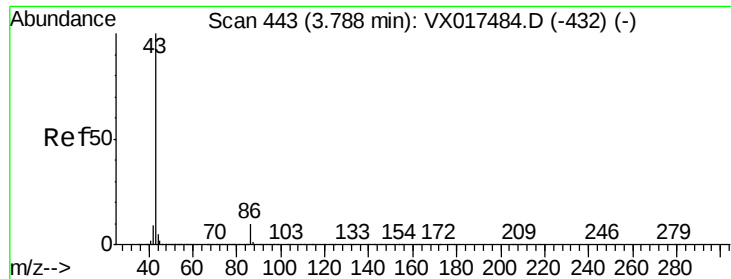
Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion:	45	Resp:	951241
Ion	Ratio	Lower	Upper
45	100		
43	68.6	52.0	78.0
87	28.3	22.2	33.4
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 242.027 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 4305629

Ion Ratio Lower Upper

43 100

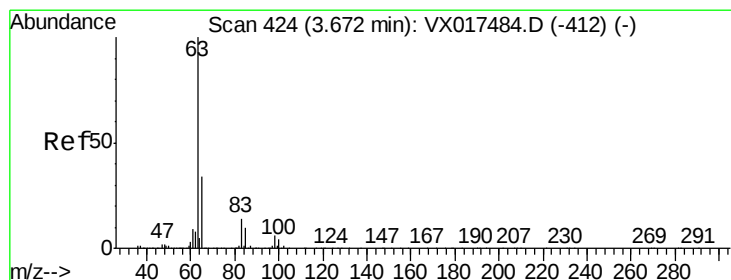
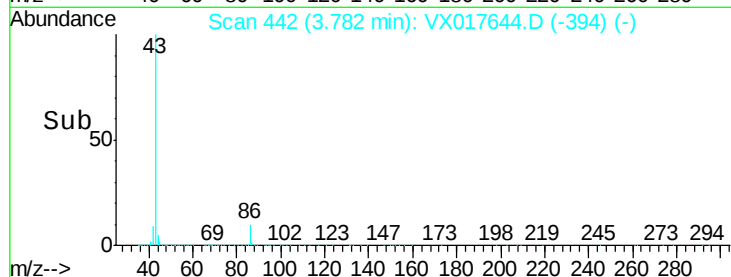
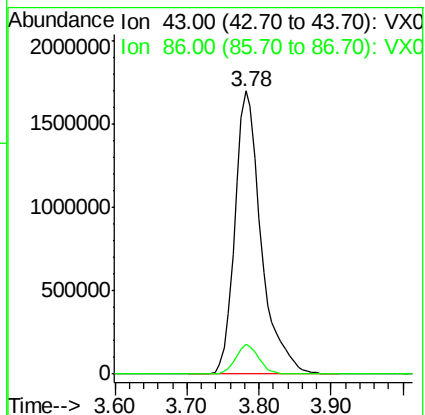
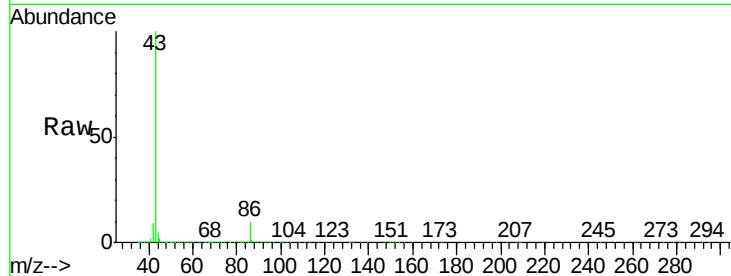
86 10.5 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 45.684 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

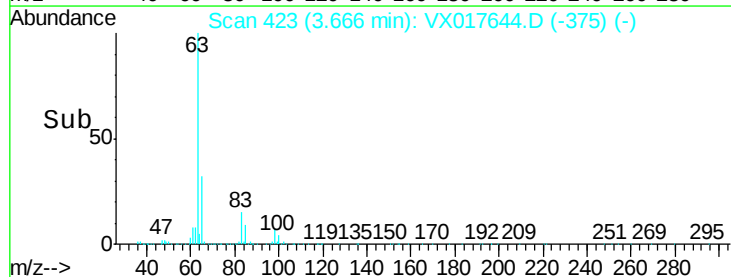
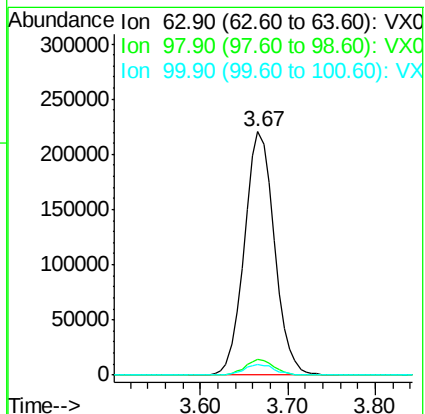
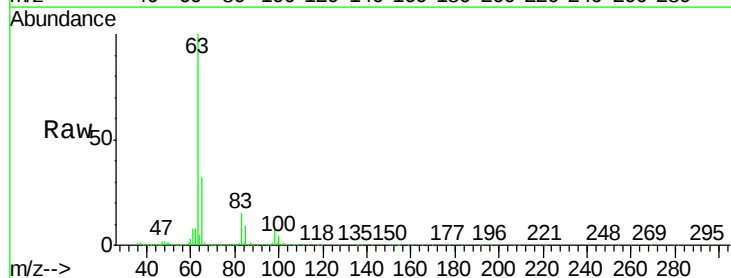
Tgt Ion: 63 Resp: 525068

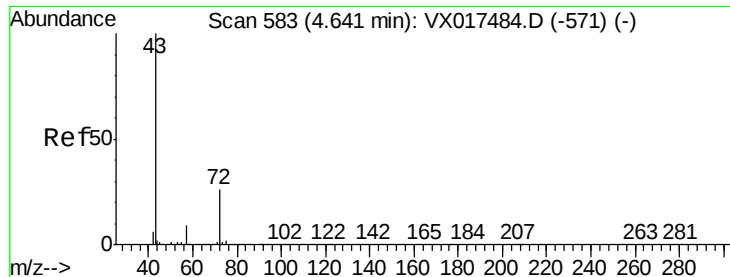
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 231.758 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1076956

Ion Ratio Lower Upper

43 100

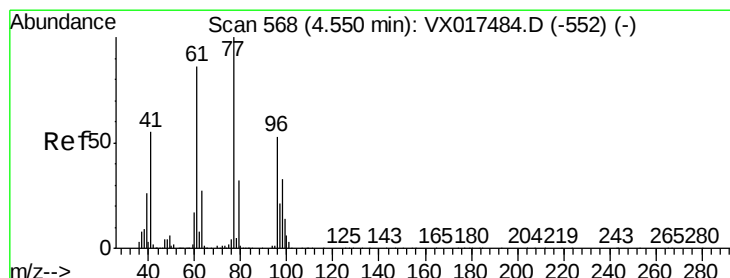
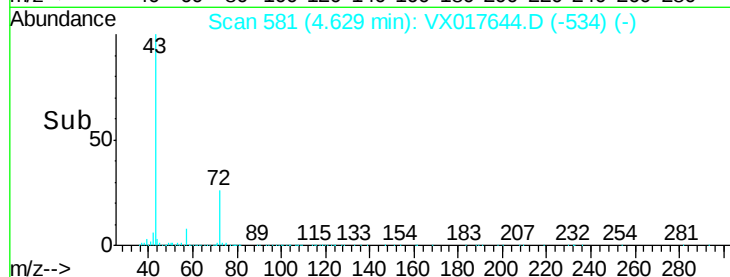
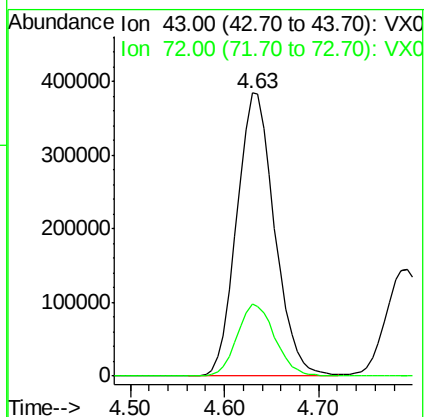
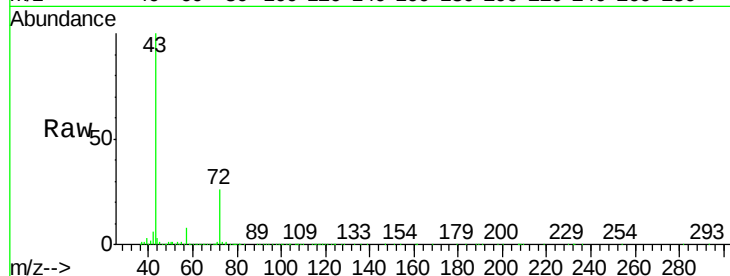
72 25.5 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.378 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017644.D

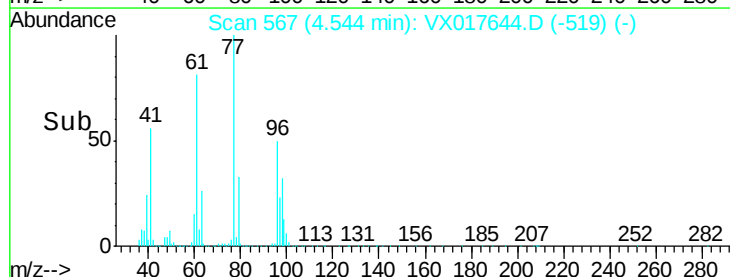
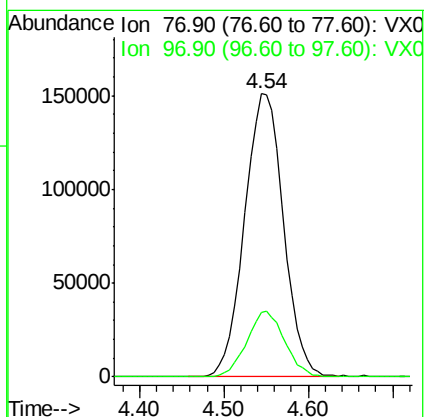
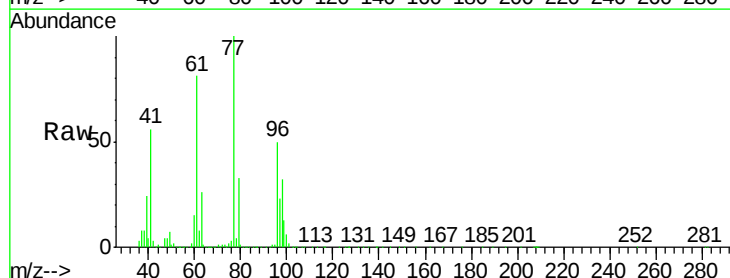
Acq: 28 Jul 2020 11:13

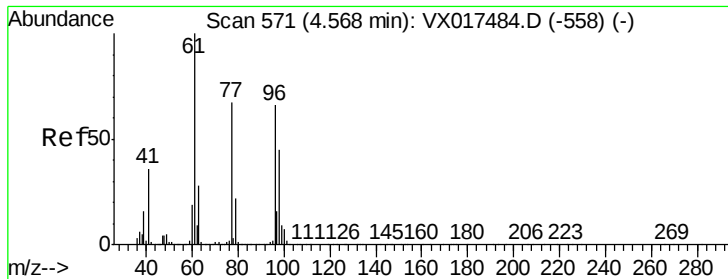
Tgt Ion: 77 Resp: 477151

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

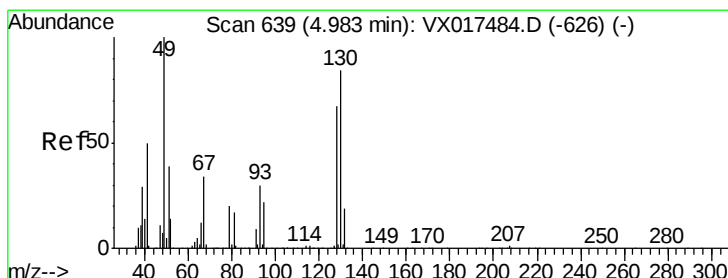
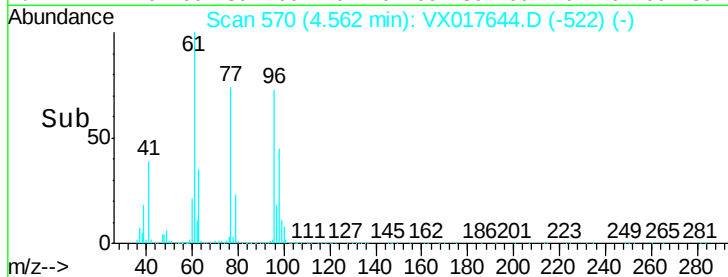
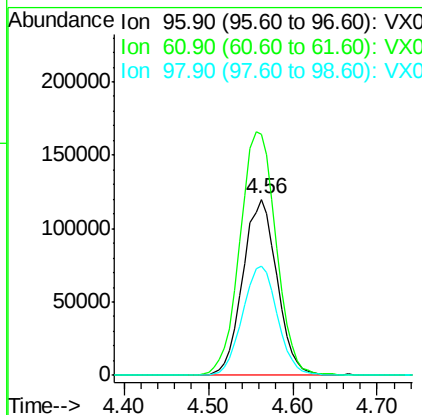
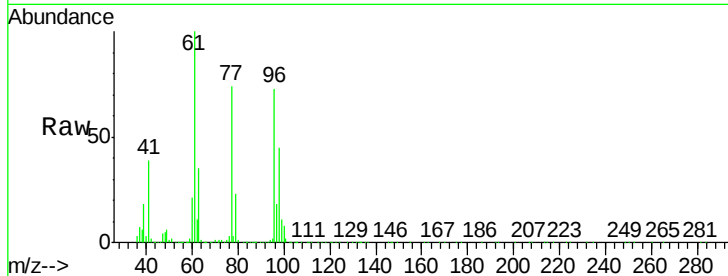
cis-1,2-Dichloroethene
Concen: 47.533 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	330521		
61	146.3	0.0	301.2	
98	63.6	0.0	130.0	

Manual Integrations
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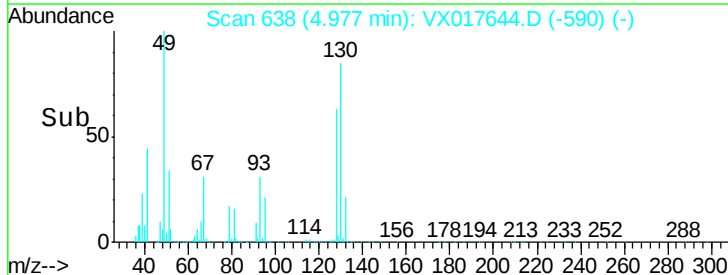
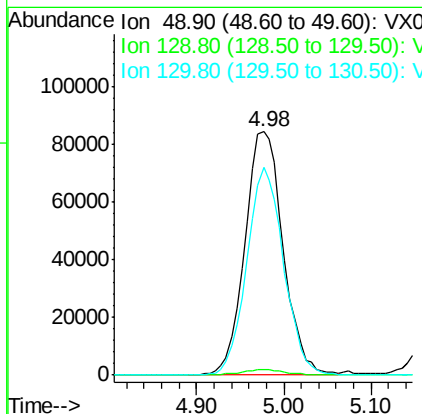
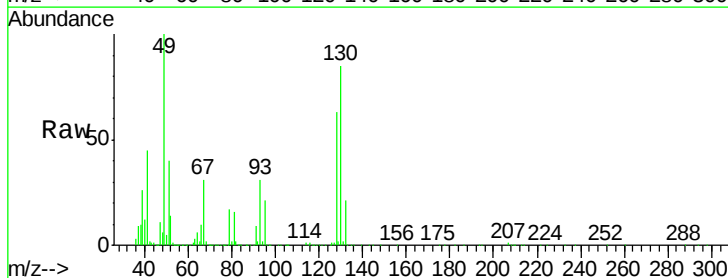
MMDadoda
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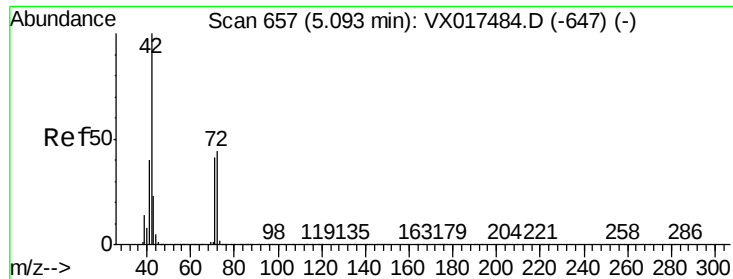


#28

Bromochloromethane
Concen: 49.160 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	256044		
129	2.5	0.0	4.6	
130	82.7	66.7	100.1	





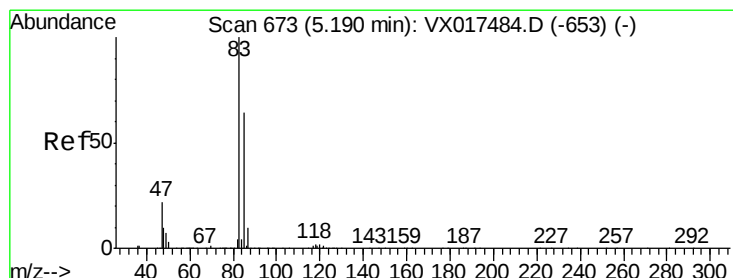
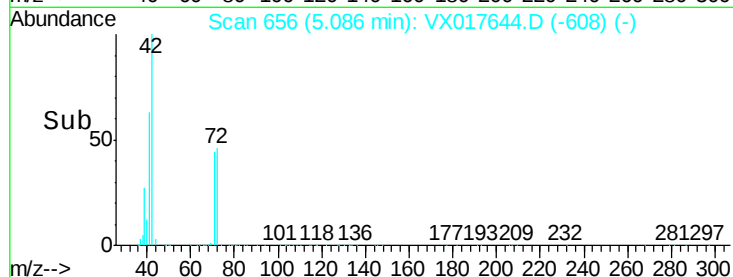
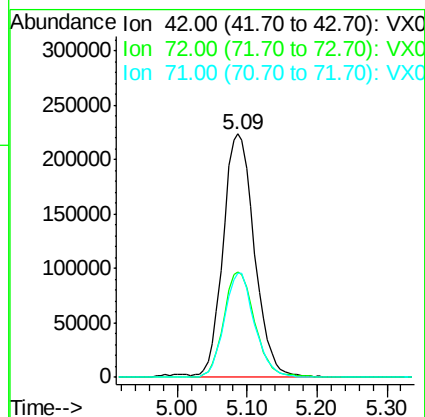
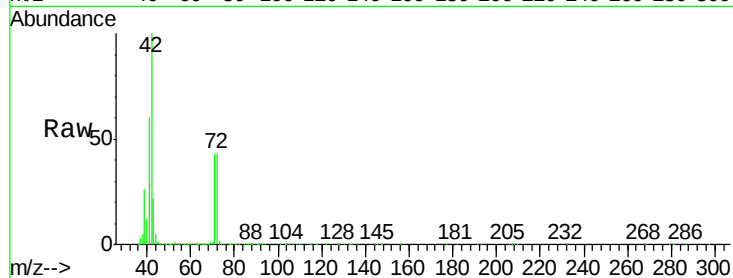
#29
Tetrahydrofuran
Concen: 240.015 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.5	53.3
71	41.4	33.0	49.4

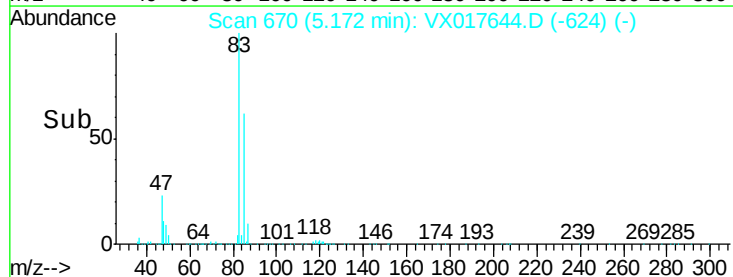
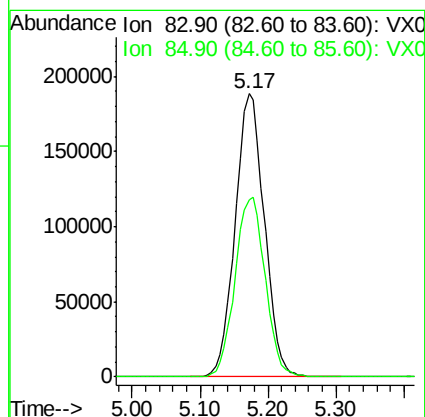
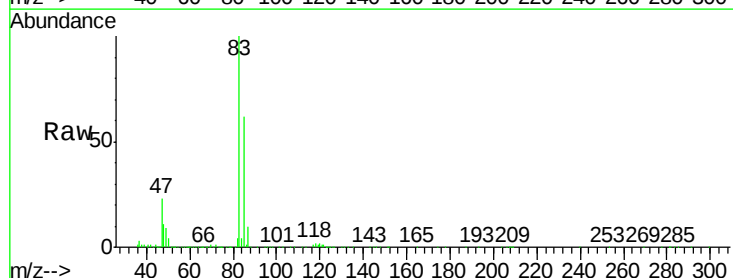
Manual Integrations
APPROVED

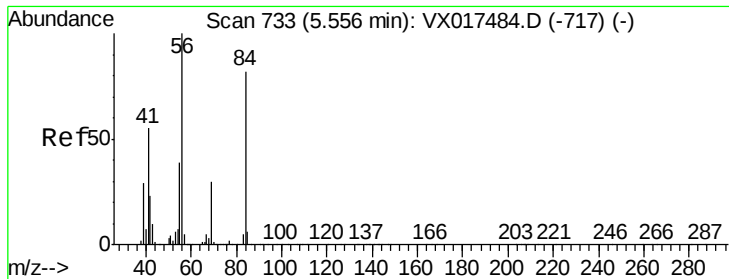
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#30
Chloroform
Concen: 47.917 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.2





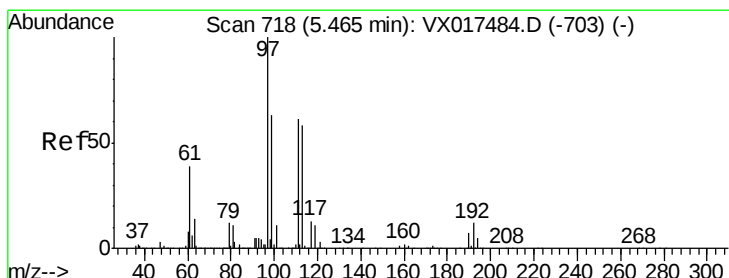
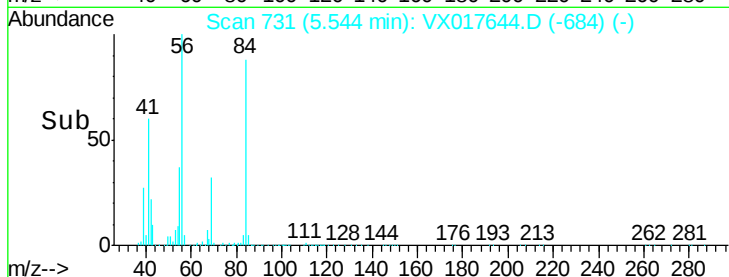
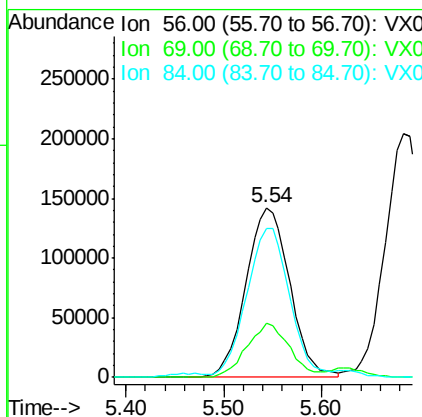
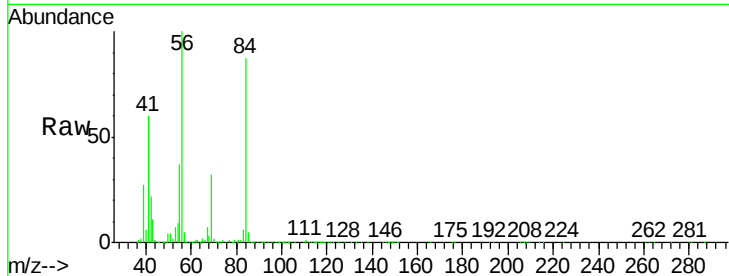
#31
Cyclohexane
Concen: 48.067 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.2	36.4
84	85.8	69.0	103.6

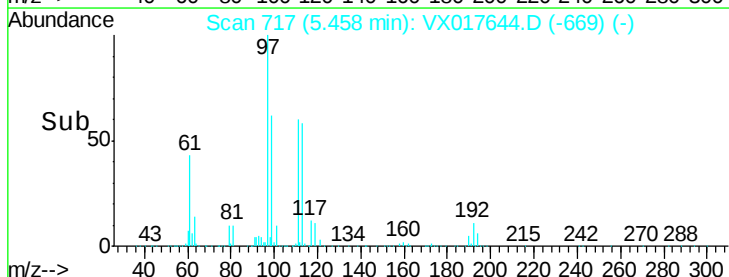
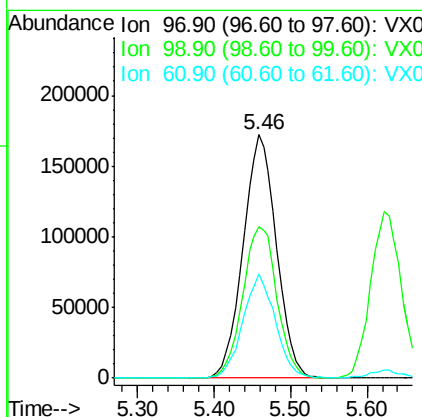
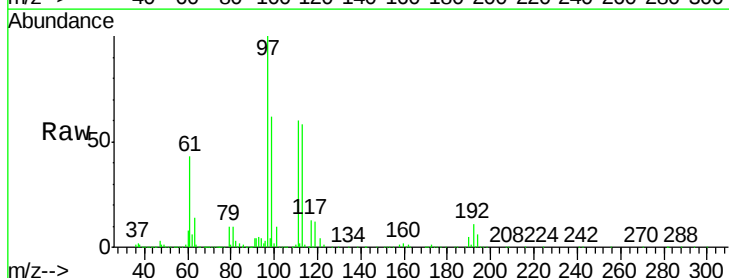
Manual Integrations
APPROVED

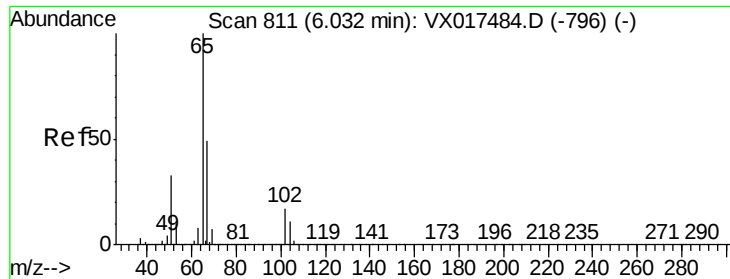
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#32
1,1,1-Trichloroethane
Concen: 47.067 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.9	77.9
61	41.2	34.1	51.1





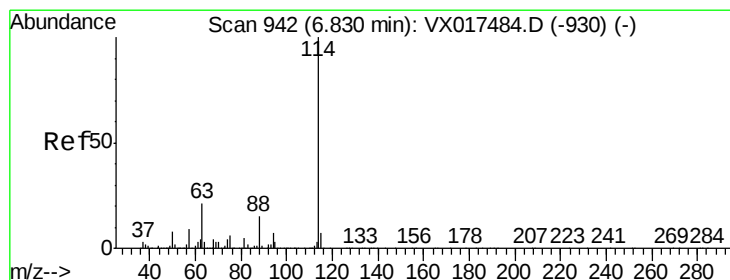
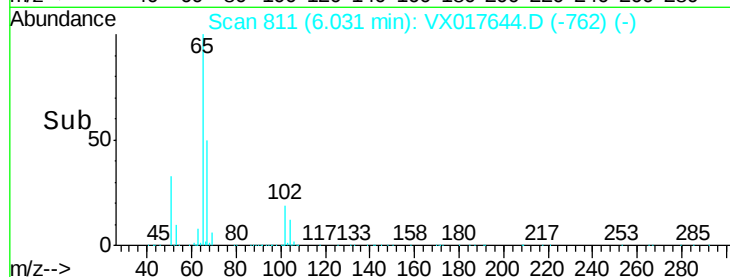
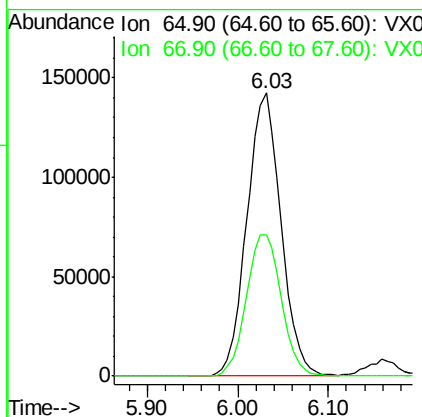
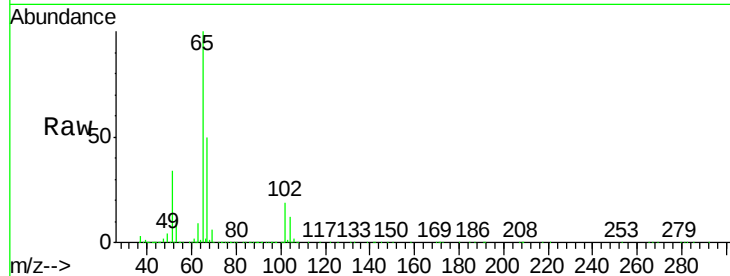
#33
 1,2-Dichloroethane-d4
 Concen: 49.763 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	369835		
67	51.2	0.0	102.8	

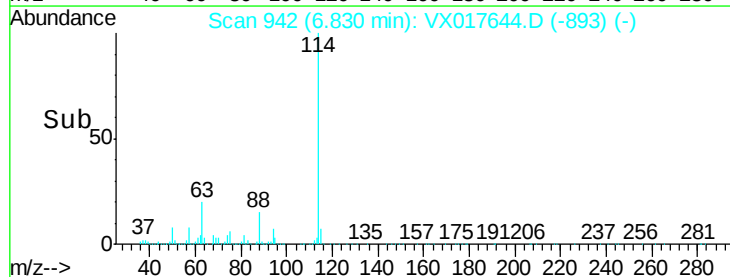
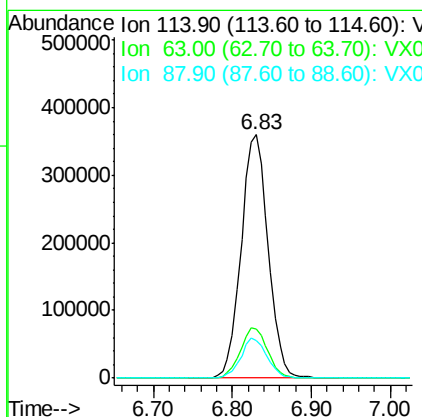
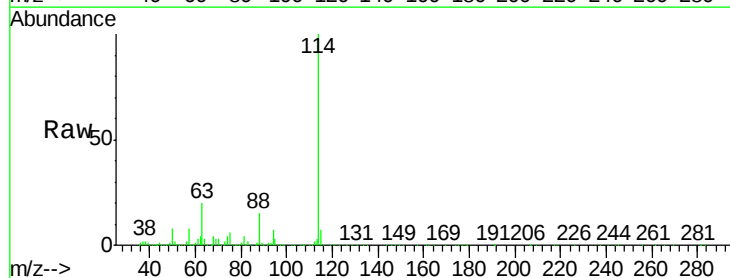
Manual Integrations
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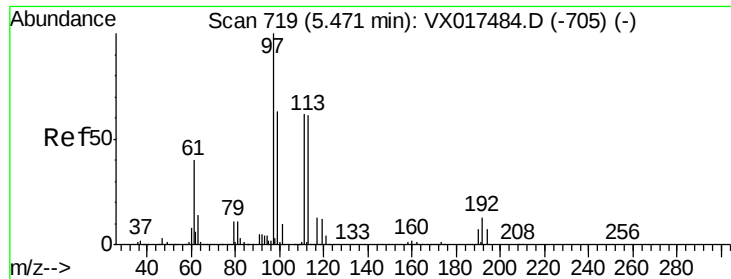
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	856687		
63	20.1	0.0	40.6	
88	15.2	0.0	33.4	





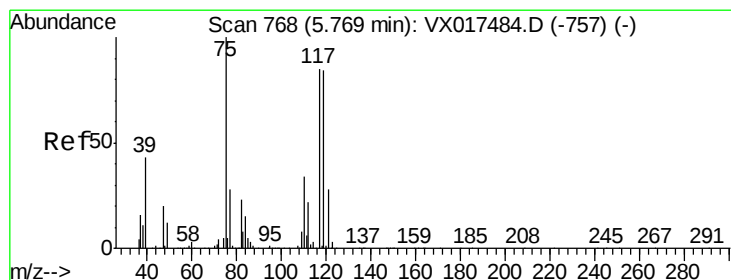
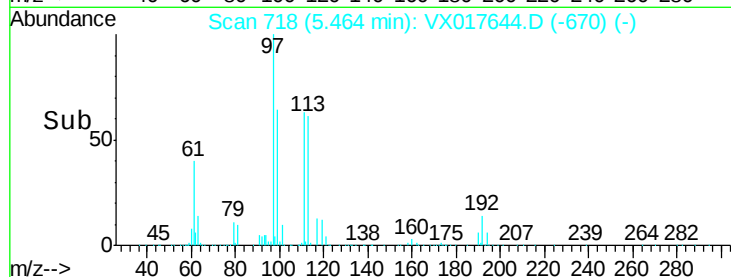
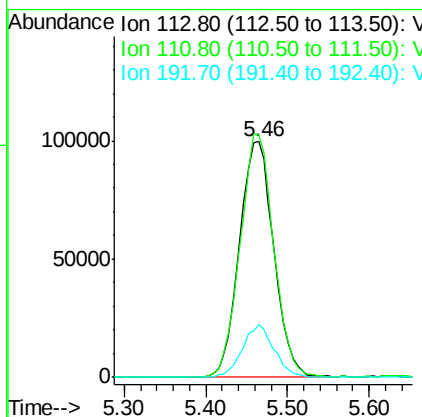
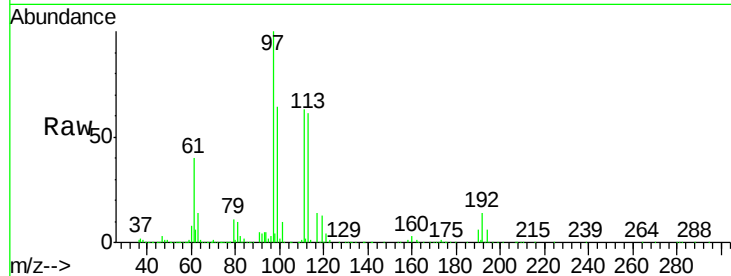
#35
 Dibromofluoromethane
 Concen: 51.066 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	292588		
111	100.9	80.7	121.1	
192	20.7	16.9	25.3	

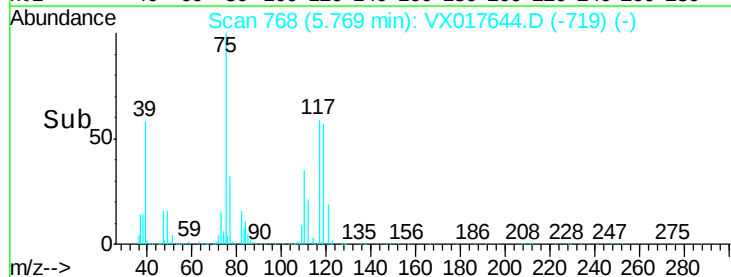
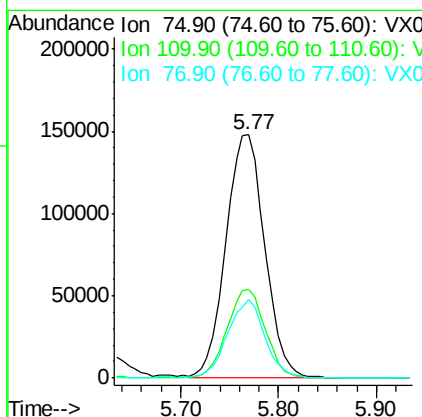
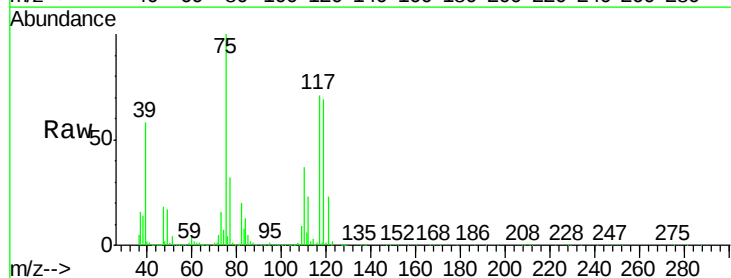
Manual Integrations
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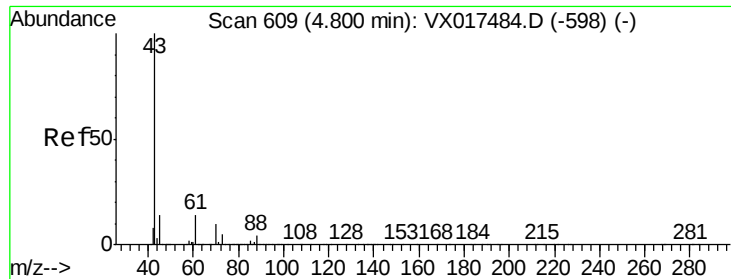
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#36
 1,1-Dichloropropene
 Concen: 49.313 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	405172		
110	36.2	18.1	54.3	
77	30.9	24.6	37.0	





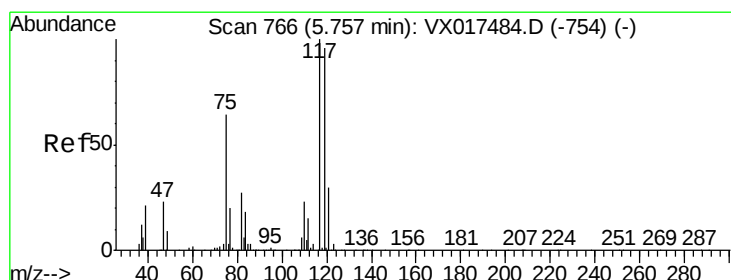
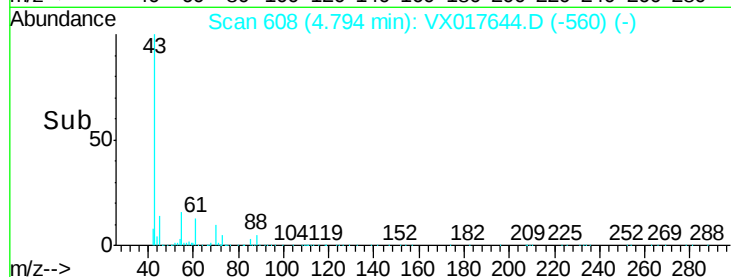
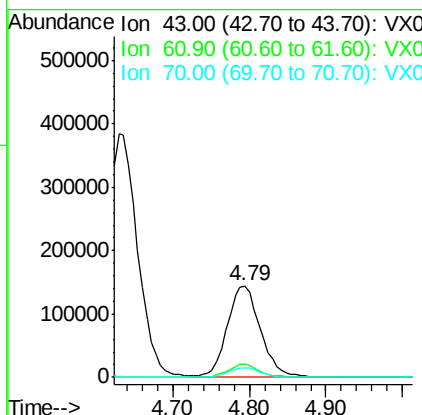
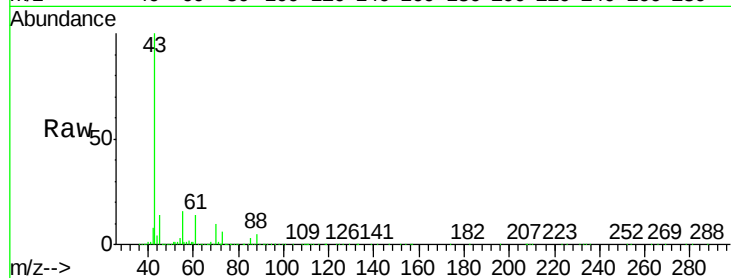
#37
Ethyl Acetate
Concen: 47.599 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.9	8.5	12.7

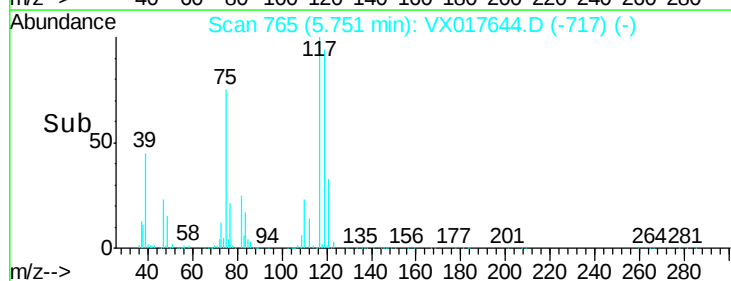
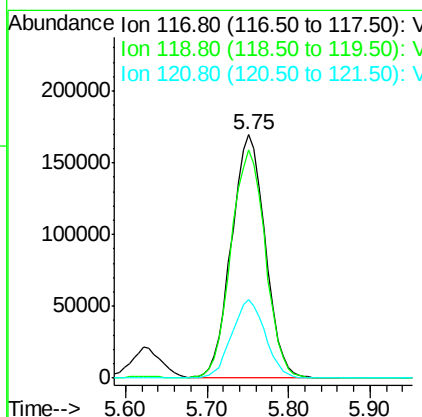
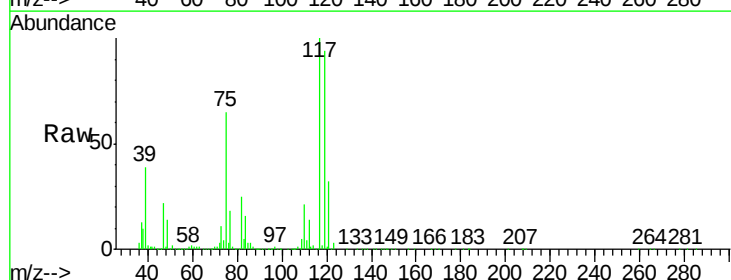
Manual Integrations
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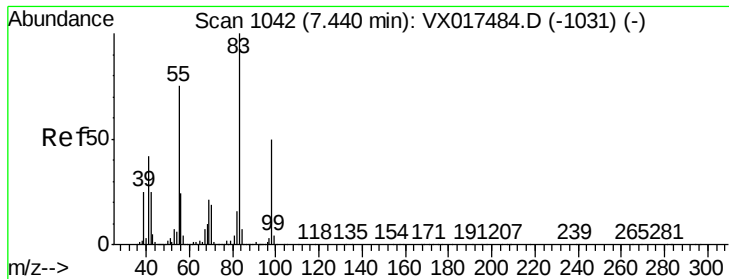
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#38
Carbon Tetrachloride
Concen: 48.660 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.4	113.0
121	32.4	24.3	36.5





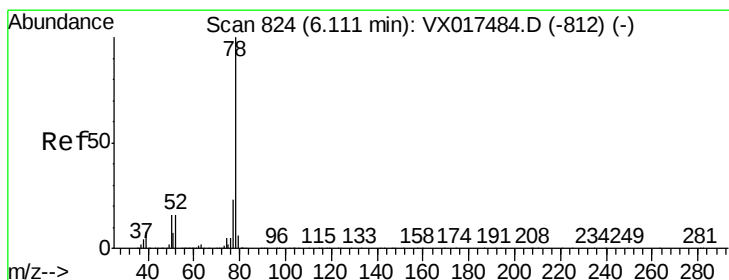
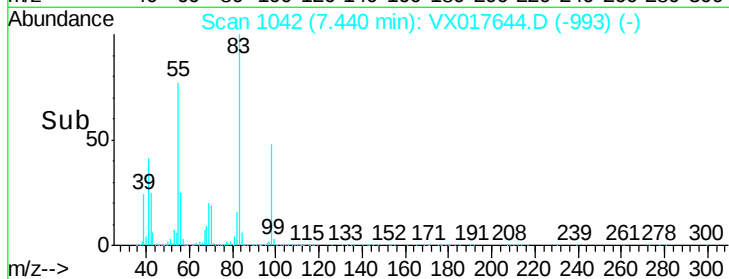
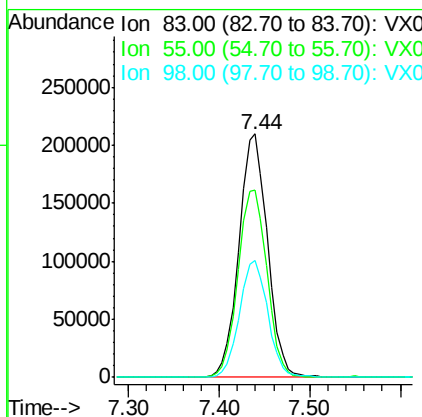
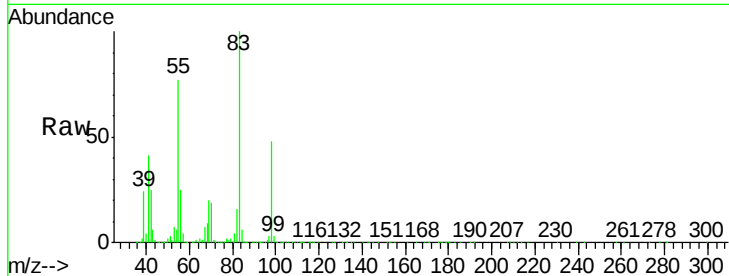
#39
Methylcyclohexane
Concen: 47.758 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.8
98	48.3	36.9	55.3

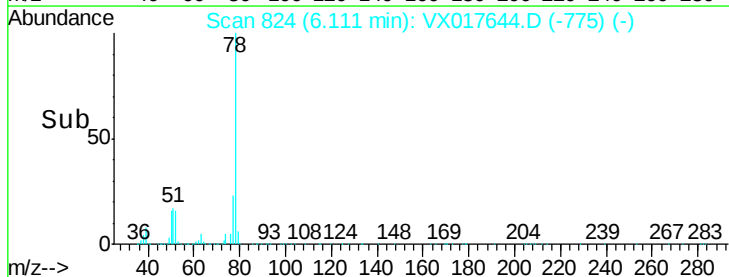
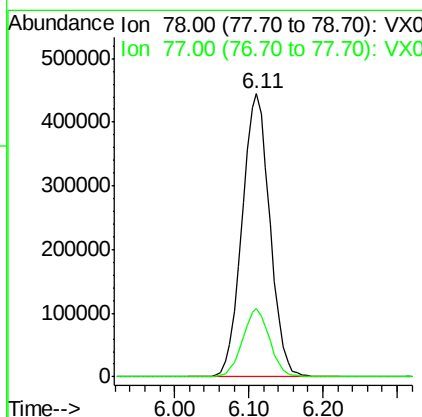
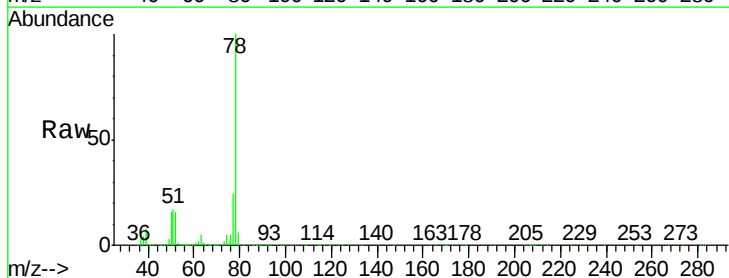
Manual Integrations
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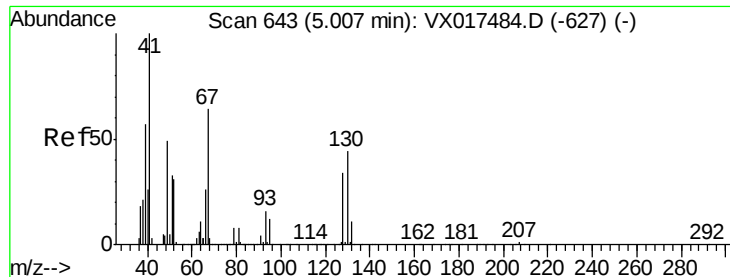
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#40
Benzene
Concen: 49.368 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2





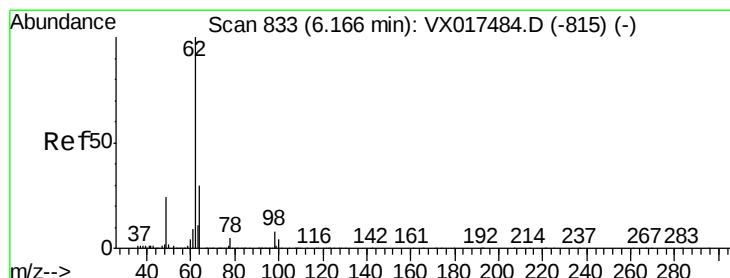
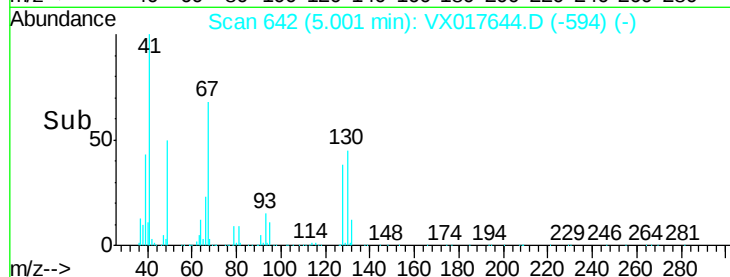
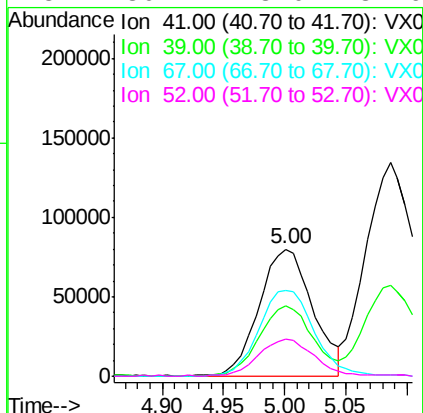
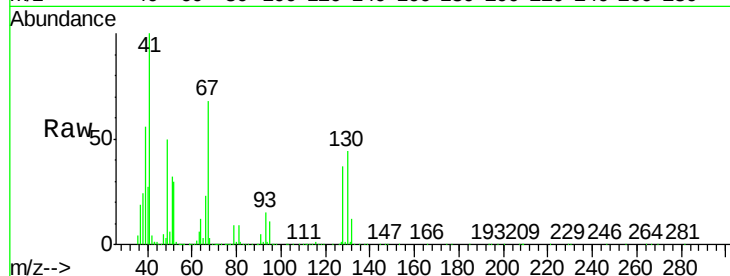
#41
Methacrylonitrile
Concen: 47.221 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.9	65.9
67	69.5	54.0	81.0
52	30.2	23.0	34.6

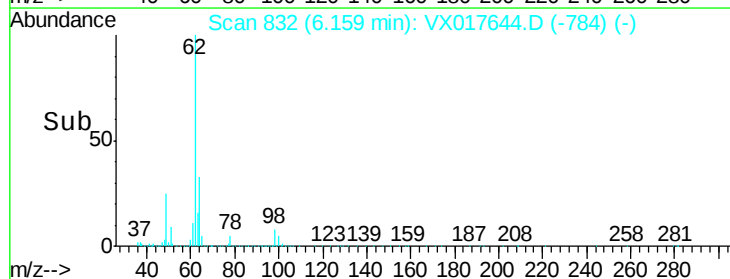
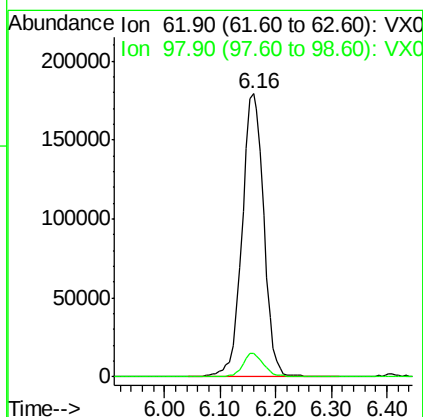
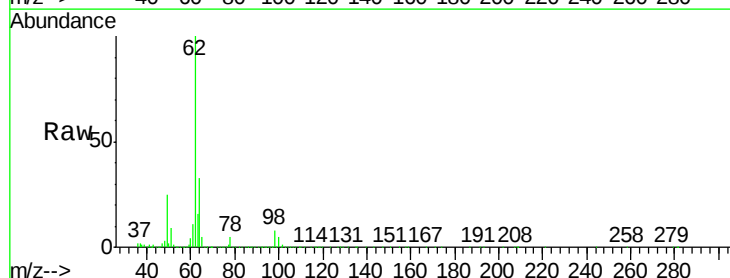
Manual Integrations
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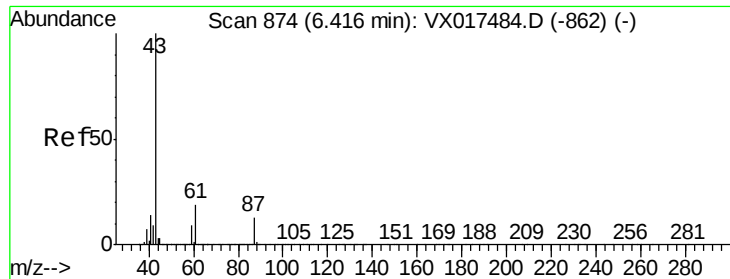
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#42
1,2-Dichloroethane
Concen: 50.188 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.0





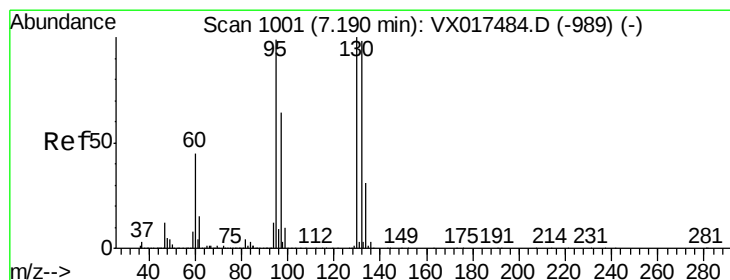
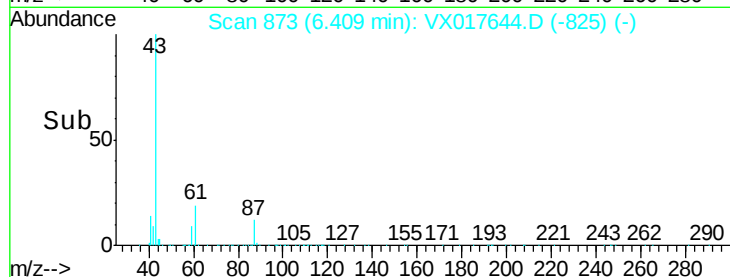
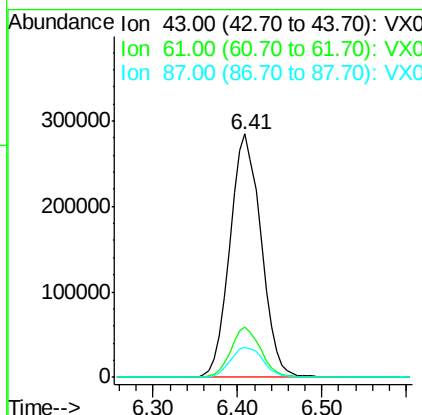
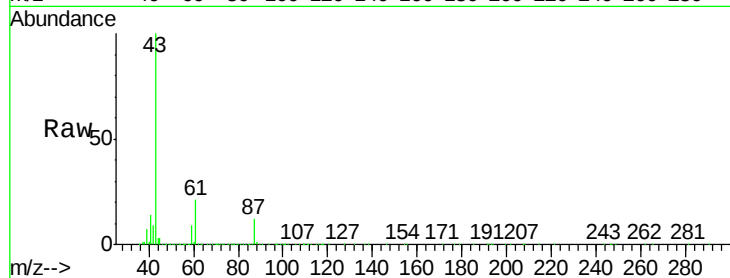
#43
Isopropyl Acetate
Concen: 47.980 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.5	23.3
87	13.1	10.5	15.7

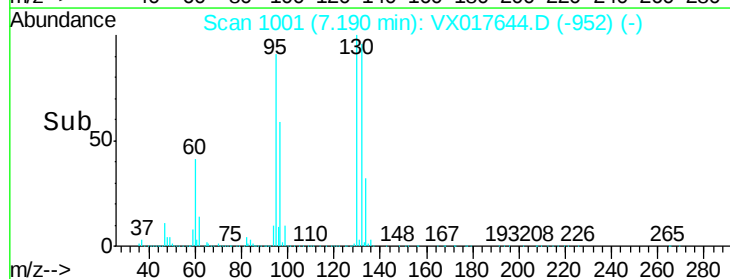
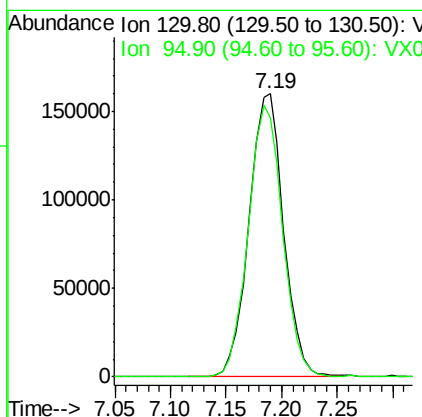
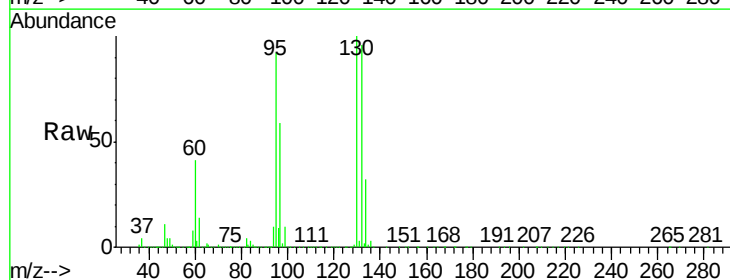
Manual Integrations
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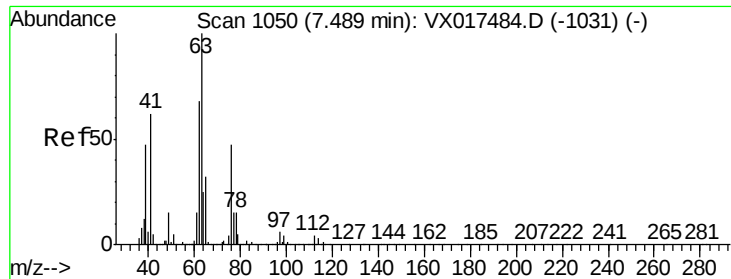
MMDadoda
7/29/2020 10:49:18 AM



#44
Trichloroethene
Concen: 50.252 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	189.0





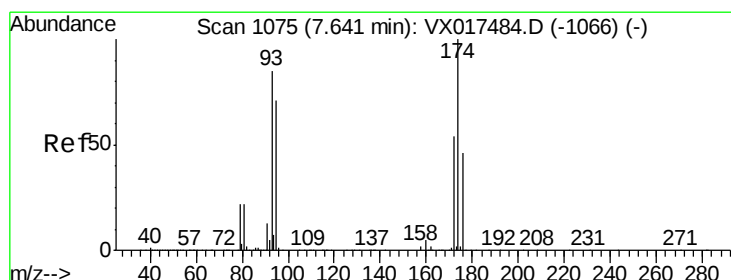
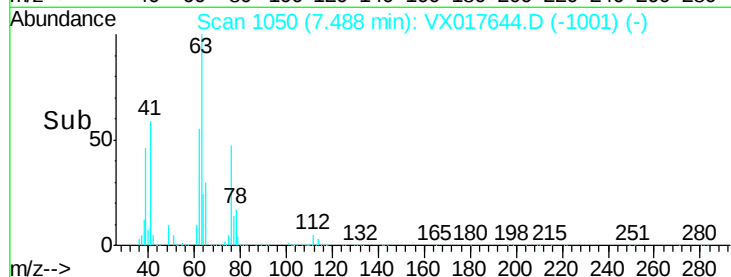
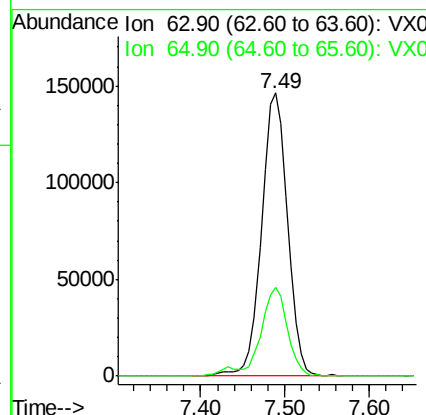
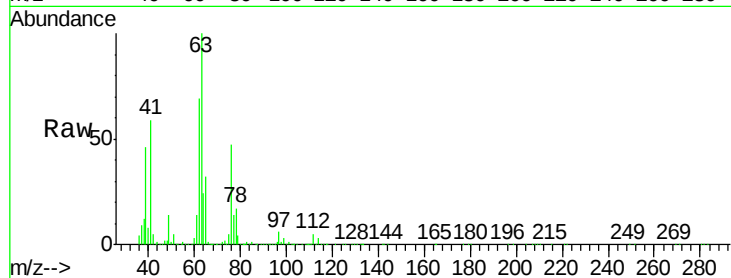
#45
1,2-Dichloropropane
Concen: 47.487 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.5	36.7

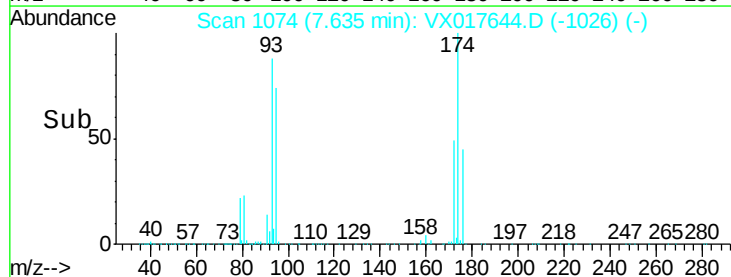
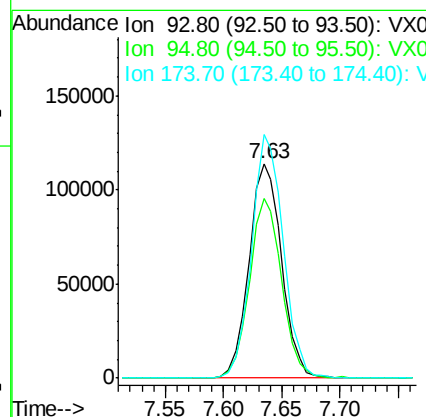
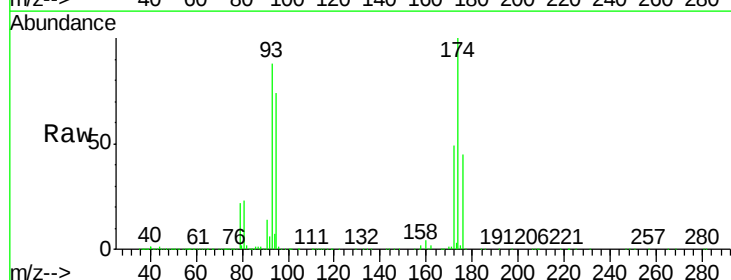
Manual Integrations
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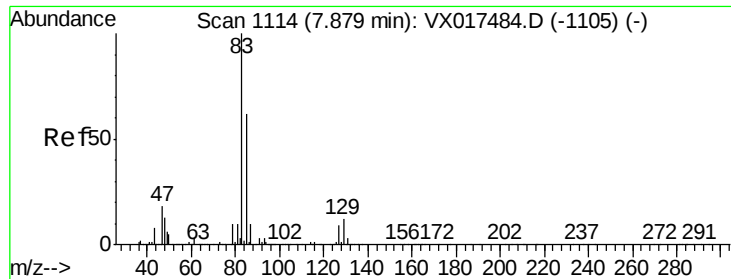
MMDadoda
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#46
Dibromomethane
Concen: 48.096 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	99.8
174	110.9	87.0	130.6





#47

Bromodichloromethane

Concen: 50.144 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

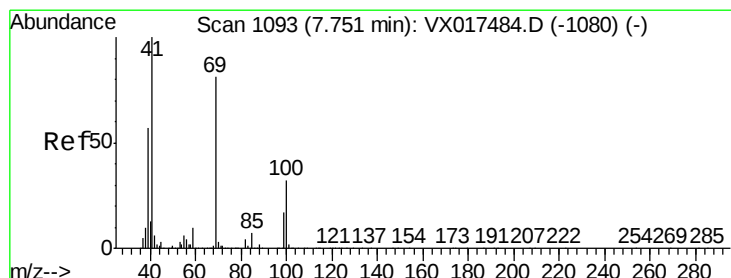
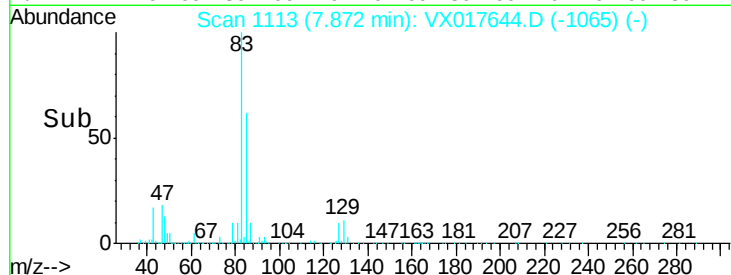
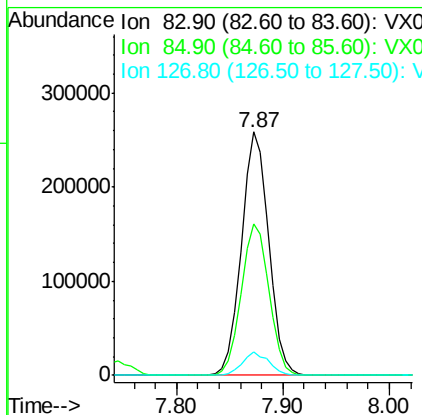
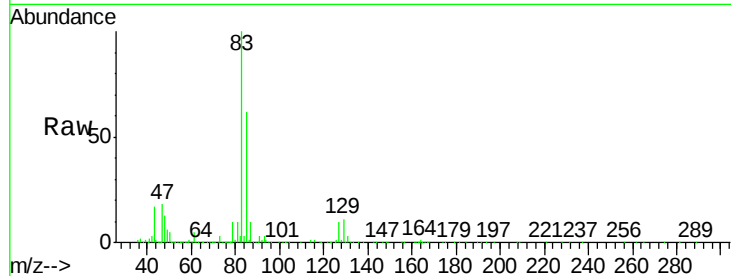
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	465628
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.8	77.8
127	9.8	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.425 ug/l

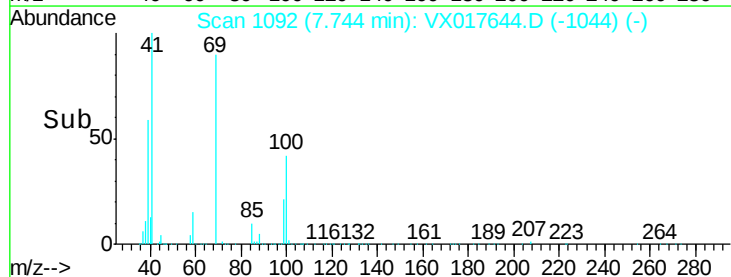
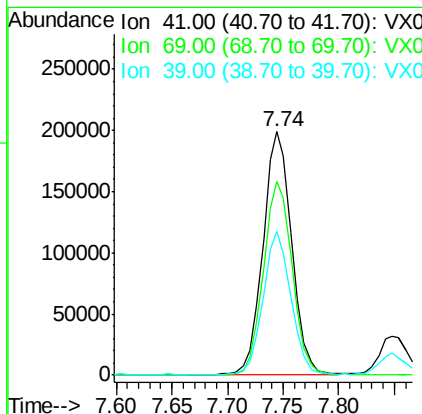
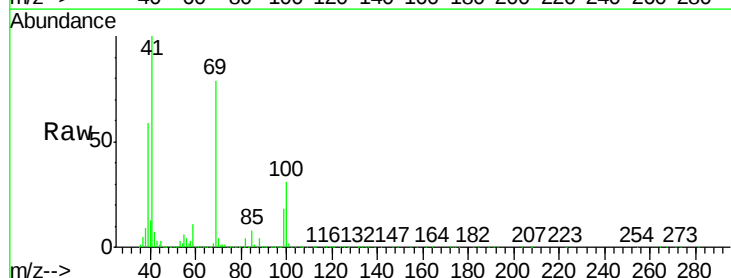
RT: 7.74 min Scan# 1092

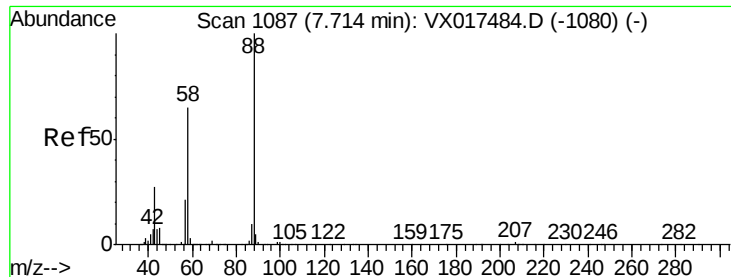
Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion:	41	Resp:	356046
Ion Ratio	Lower	Upper	
41	100		
69	80.4	63.1	94.7
39	57.4	45.1	67.7





#49

1,4-Dioxane

Concen: 989.243 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

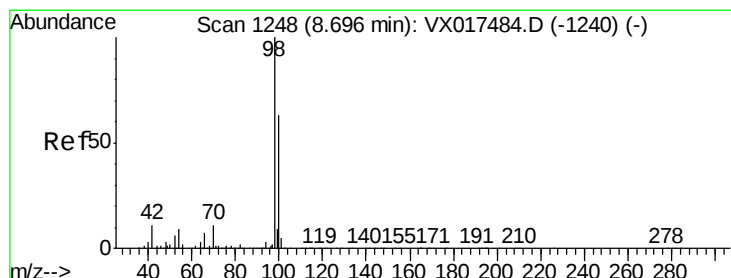
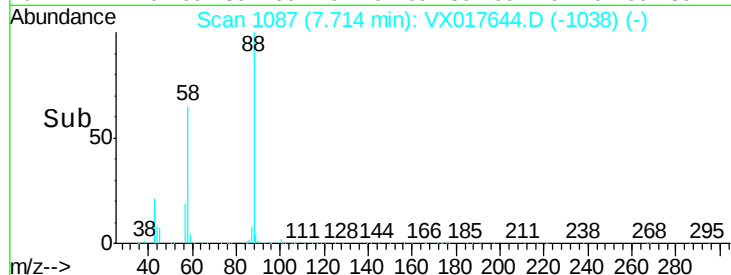
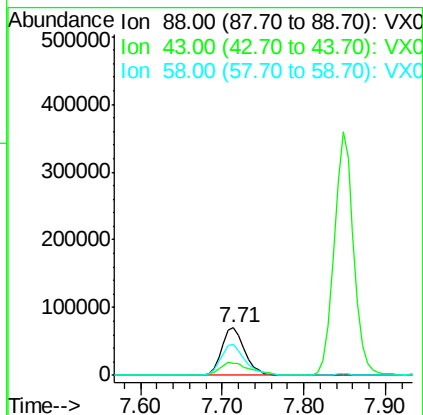
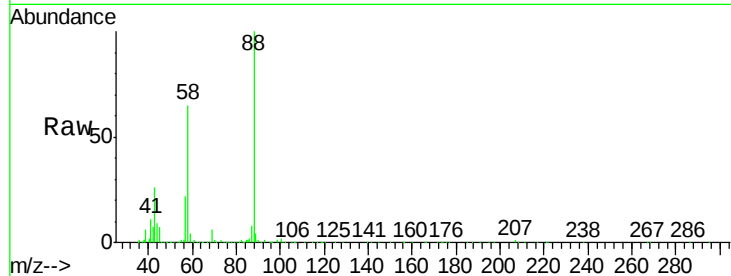
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	139450
Ion Ratio	Lower	Upper	
88	100		
43	34.1	27.8	41.6
58	68.0	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 50.307 ug/l

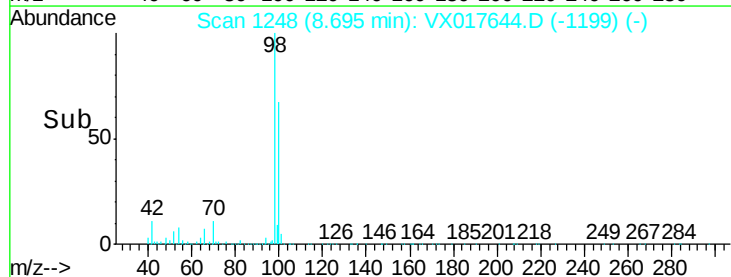
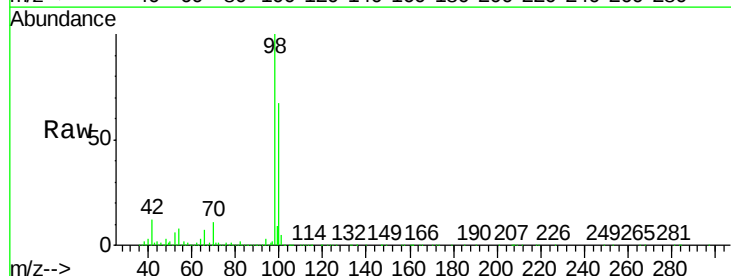
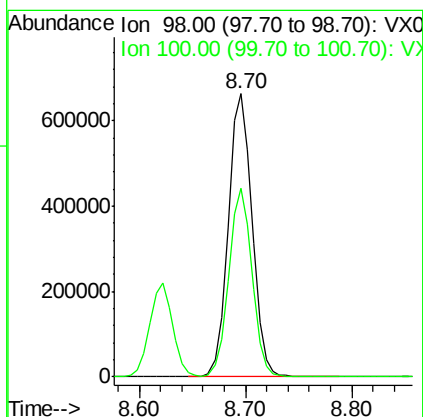
RT: 8.70 min Scan# 1248

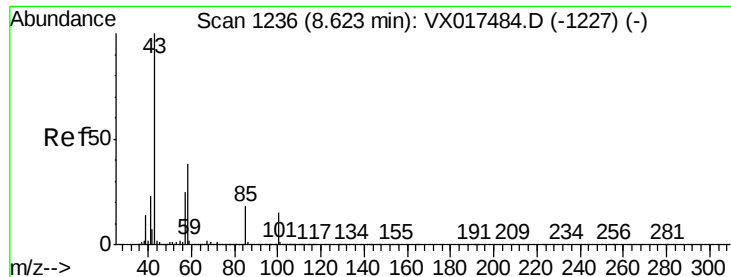
Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion:	98	Resp:	1039805
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 250.887 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2220422

Ion Ratio Lower Upper

43 100

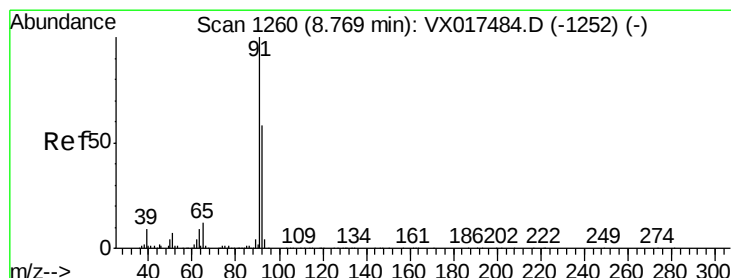
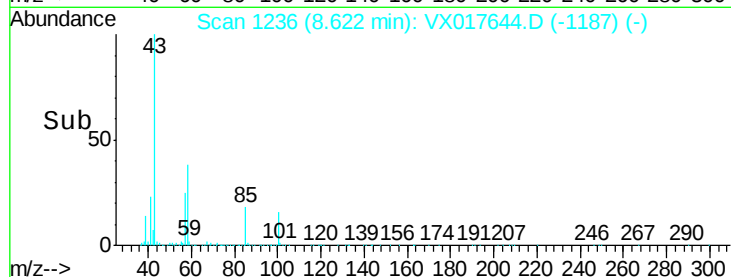
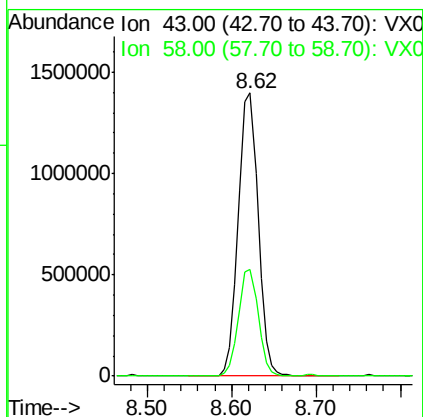
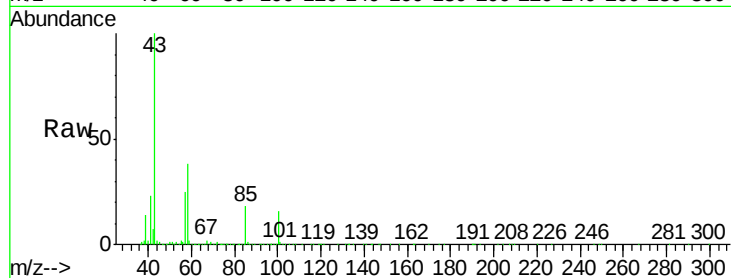
58 37.6 31.0 46.4

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#52

Toluene

Concen: 49.672 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017644.D

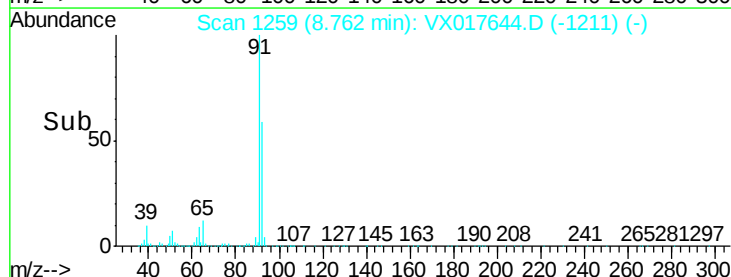
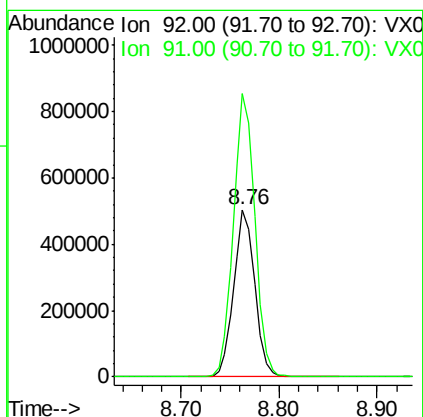
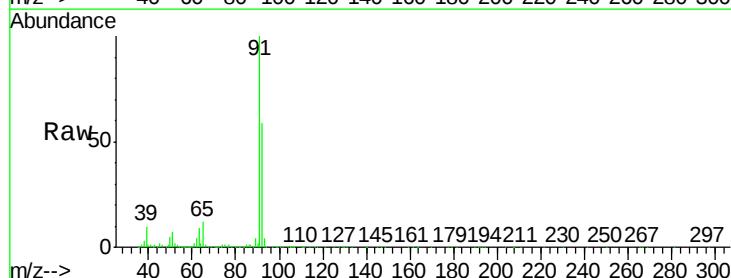
Acq: 28 Jul 2020 11:13

Tgt Ion: 92 Resp: 750394

Ion Ratio Lower Upper

92 100

91 173.5 137.6 206.4





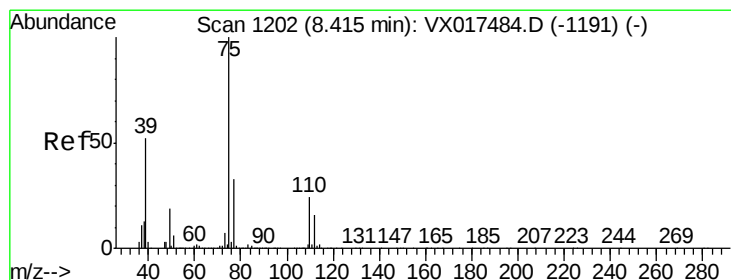
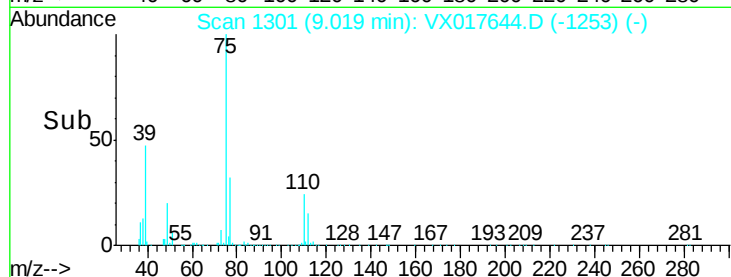
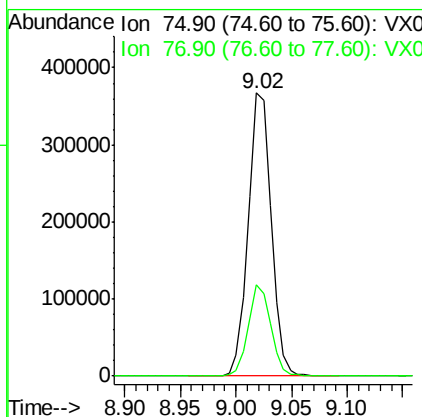
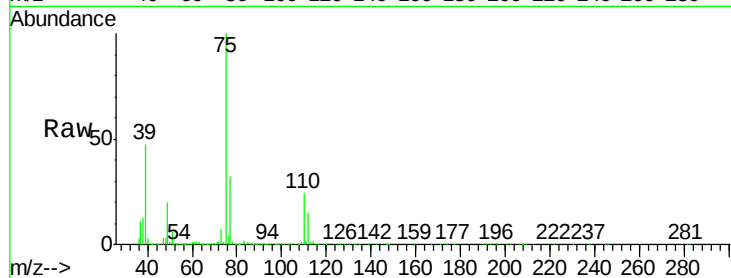
#53
t-1,3-Dichloropropene
Concen: 51.042 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 530564
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

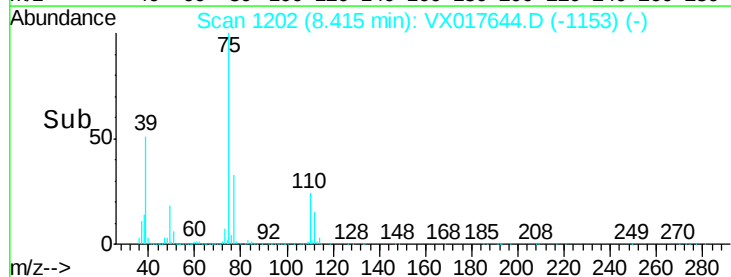
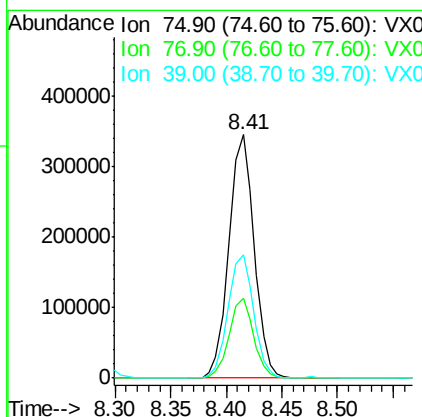
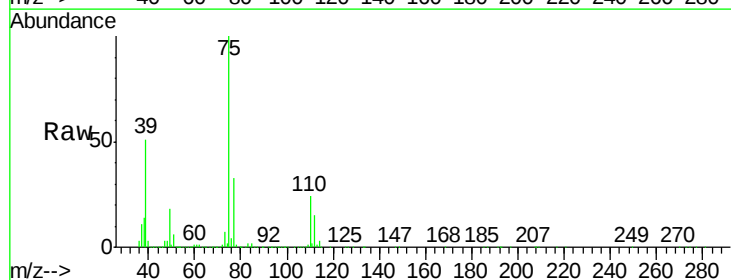
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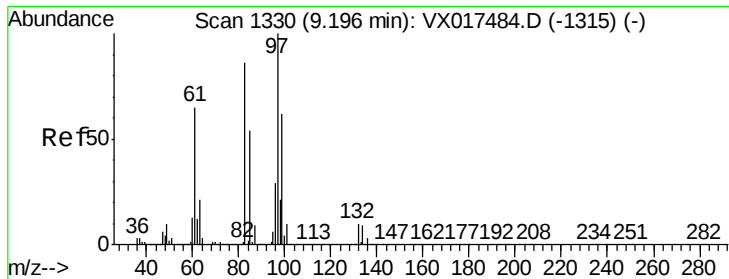
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.174 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 75 Resp: 542568
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
39 50.6 41.8 62.8





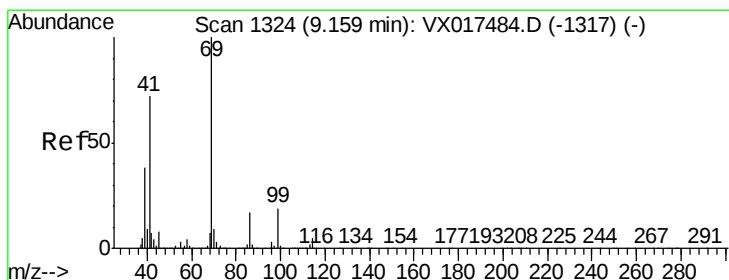
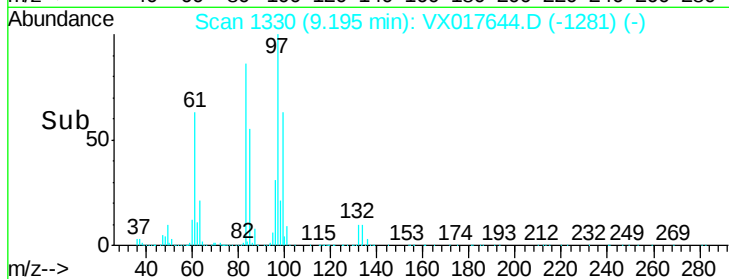
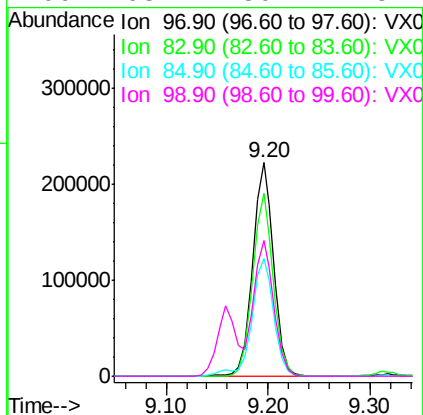
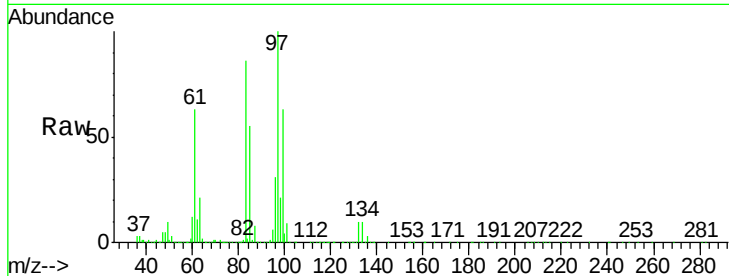
#55
 1,1,2-Trichloroethane
 Concen: 50.771 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	319512		
83	85.7	67.6	101.4	
85	55.0	44.6	67.0	
99	63.4	50.2	75.4	

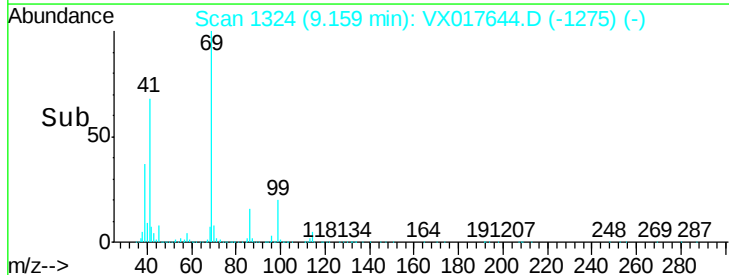
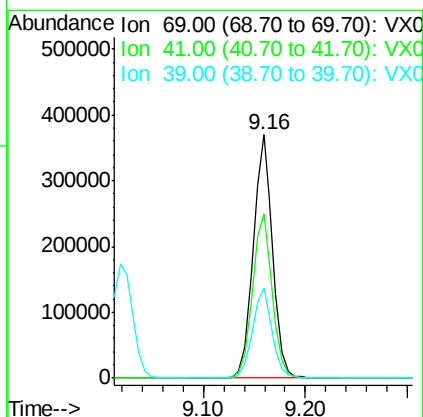
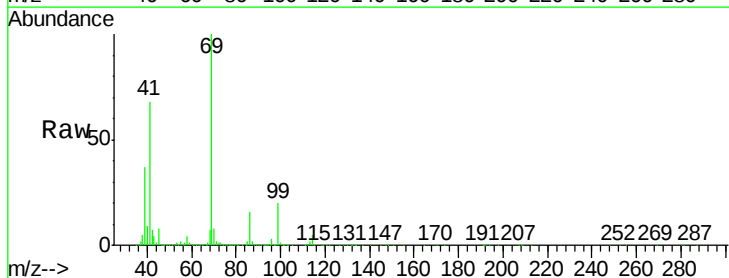
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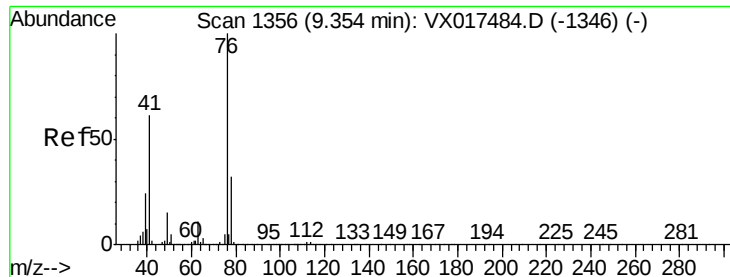
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 51.574 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	488985		
41	68.8	55.0	82.6	
39	37.5	30.0	45.0	





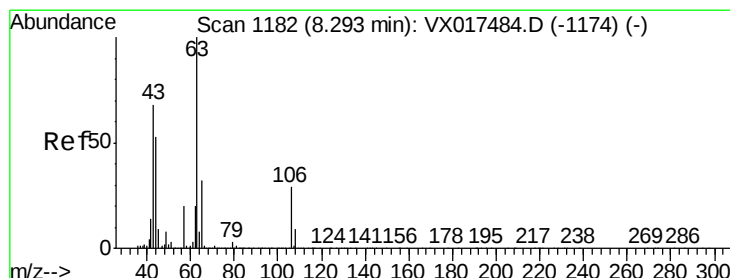
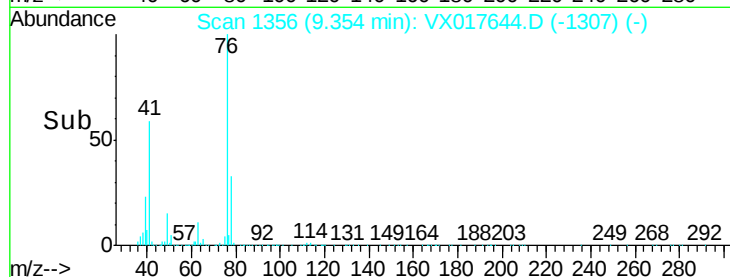
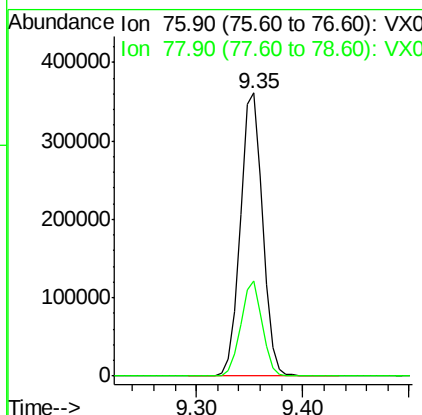
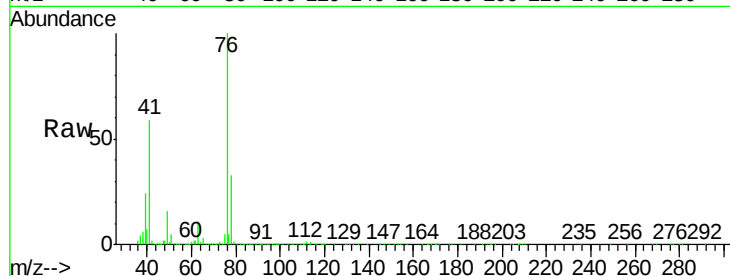
#57
 1,3-Dichloropropane
 Concen: 51.101 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

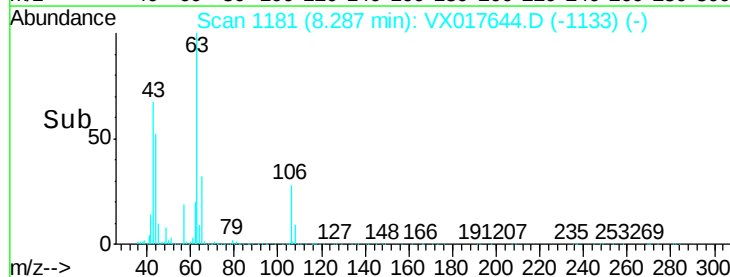
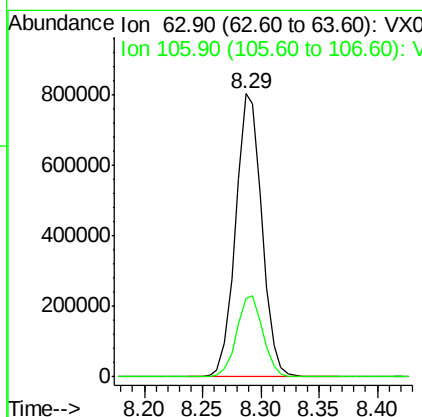
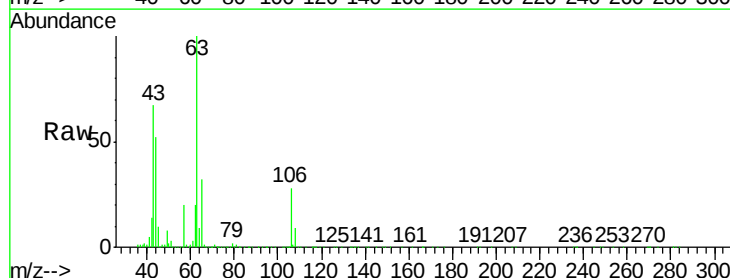
Manual Integrations
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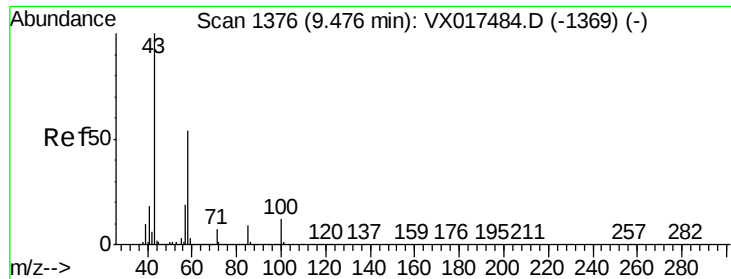
MMDadoda
 7/29/2020 10:49:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.732 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.6	34.0





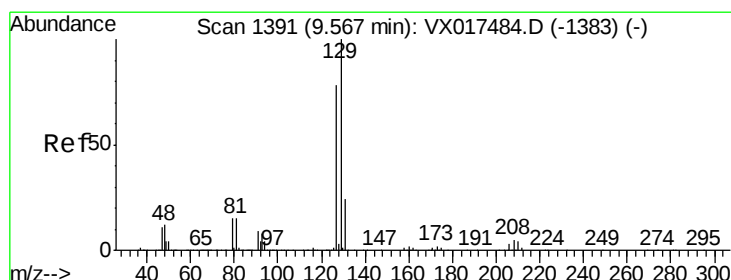
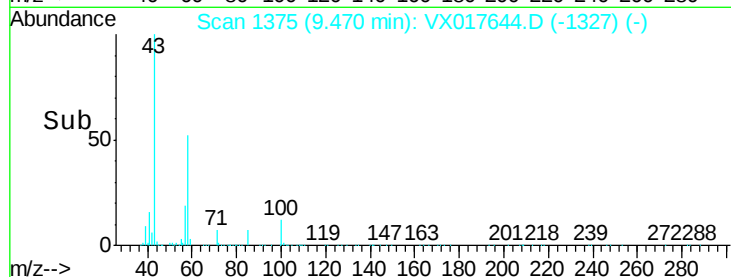
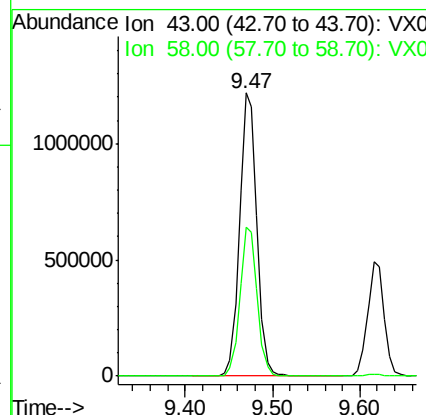
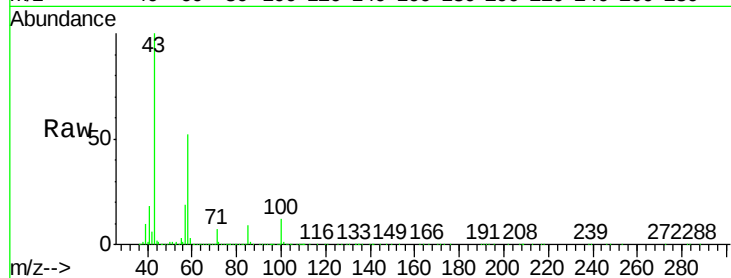
#59
2-Hexanone
Concen: 252.782 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 1684351
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8

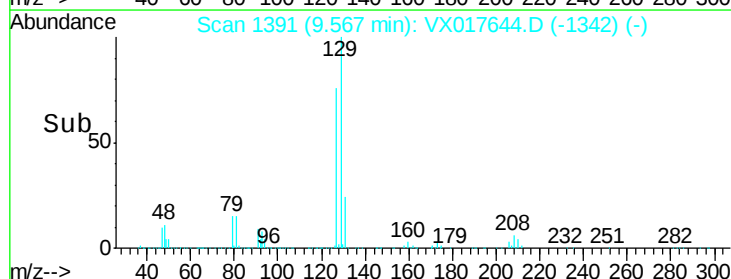
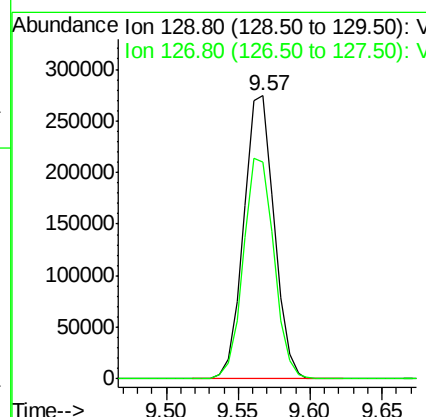
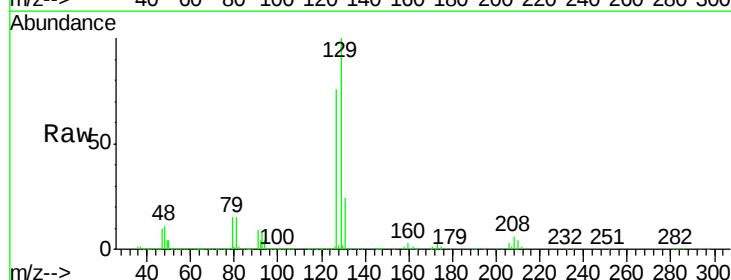
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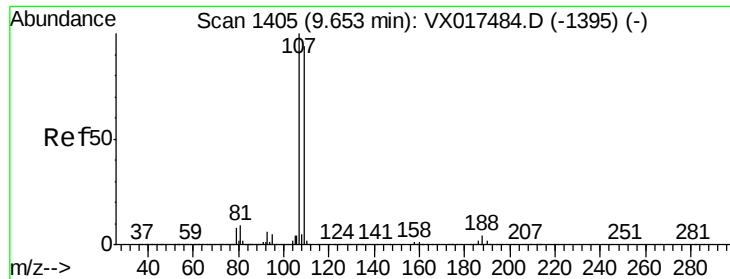
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#60
Dibromochloromethane
Concen: 50.268 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 129 Resp: 402078
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.238 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 356697

Ion Ratio Lower Upper

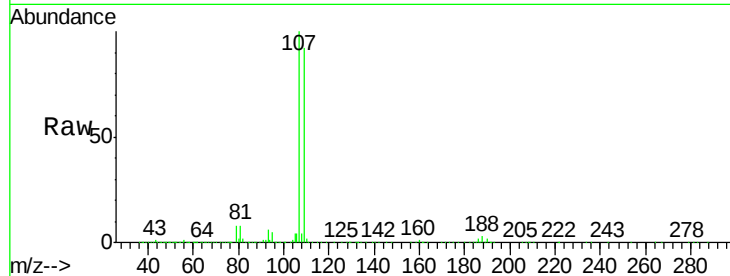
107 100

109 92.7 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

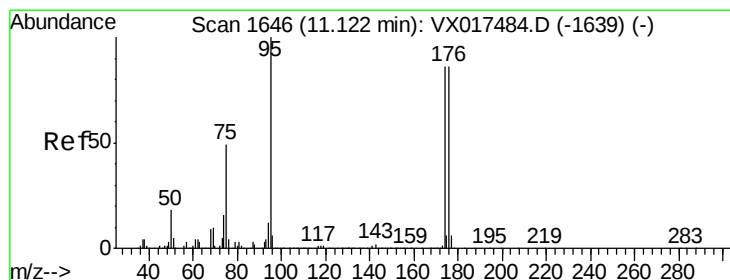
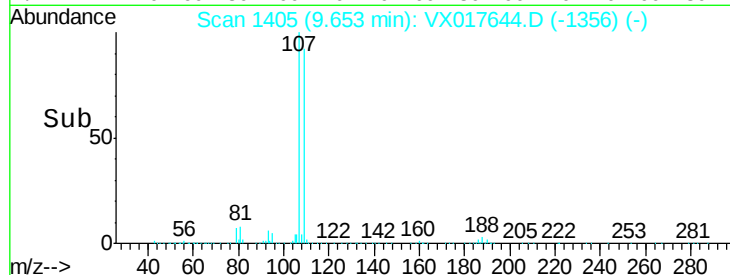
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.035 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

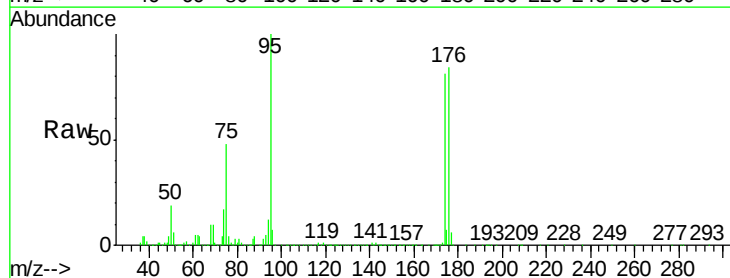
Tgt Ion: 95 Resp: 413886

Ion Ratio Lower Upper

95 100

174 82.6 0.0 169.0

176 82.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

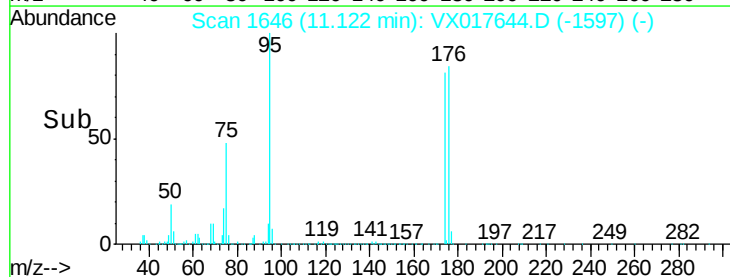
300000

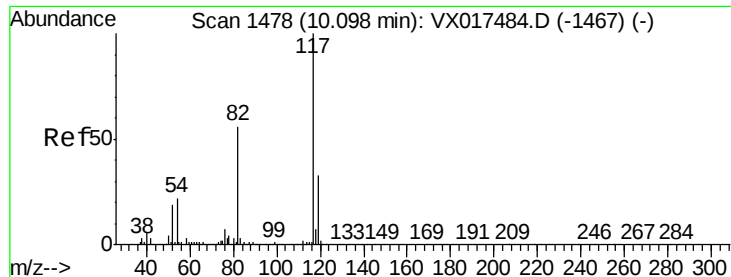
200000

100000

0

Time-->





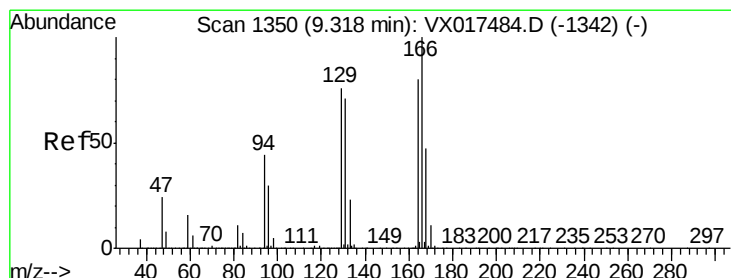
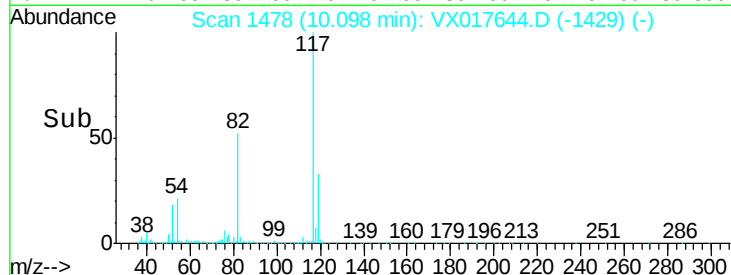
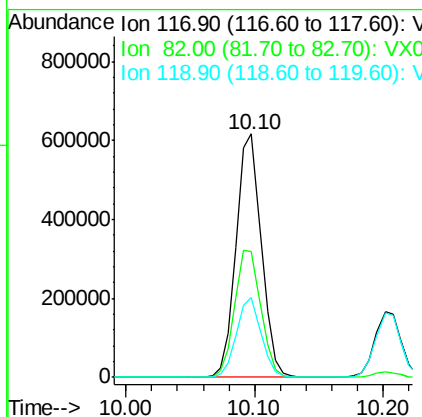
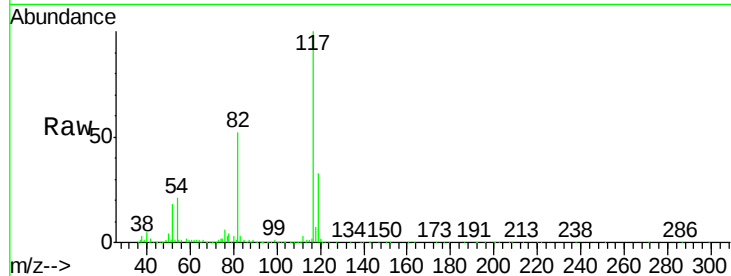
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	842650		
82	51.7	44.0	66.0	
119	32.6	25.4	38.0	

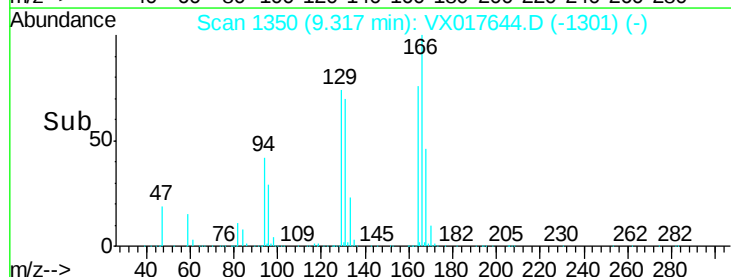
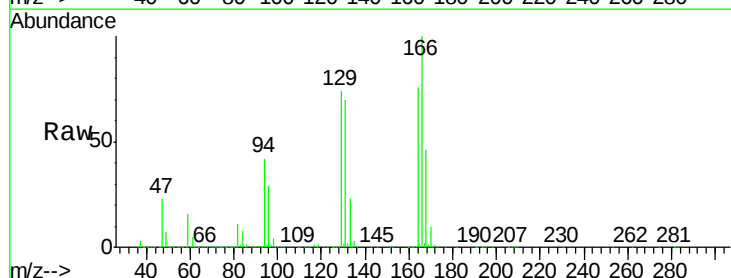
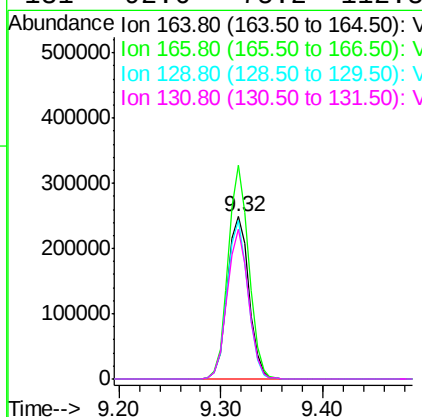
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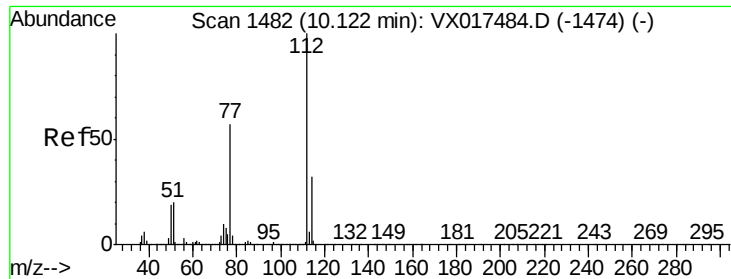
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#64
Tetrachloroethene
Concen: 47.835 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	361779		
166	131.8	100.6	150.8	
129	98.0	75.0	112.6	
131	92.6	75.2	112.8	





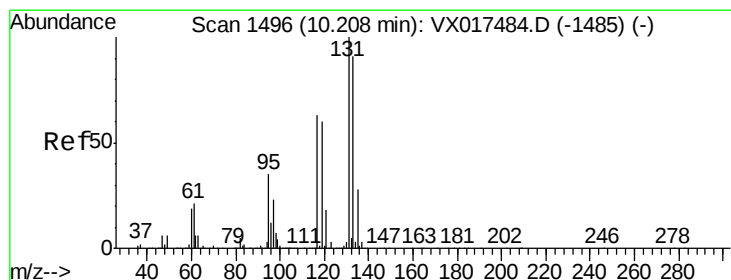
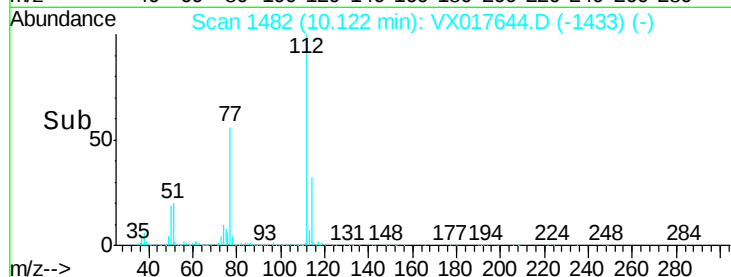
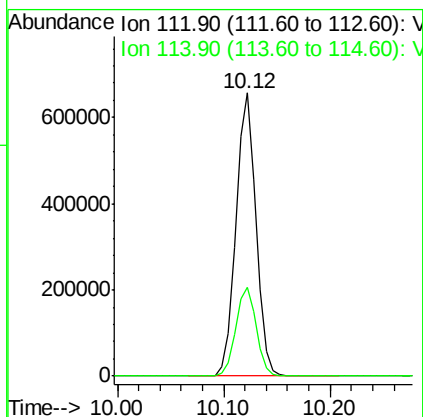
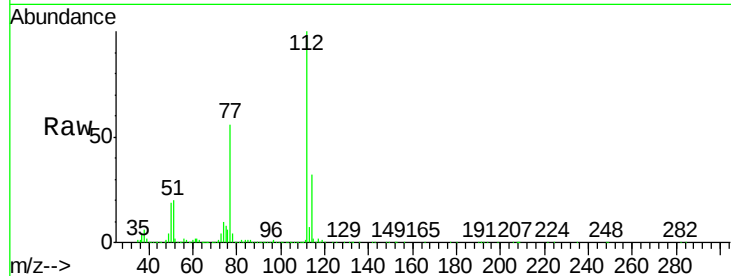
#65
Chlorobenzene
Concen: 47.635 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.7	38.5

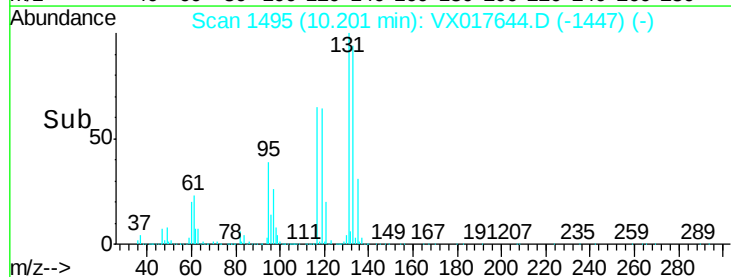
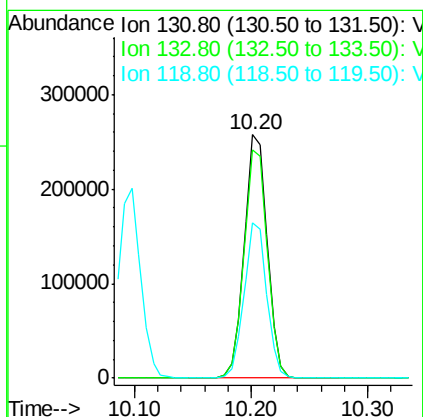
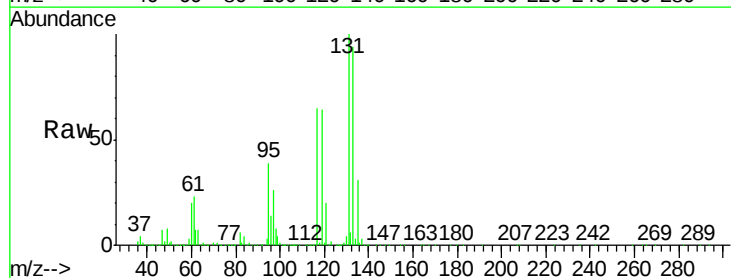
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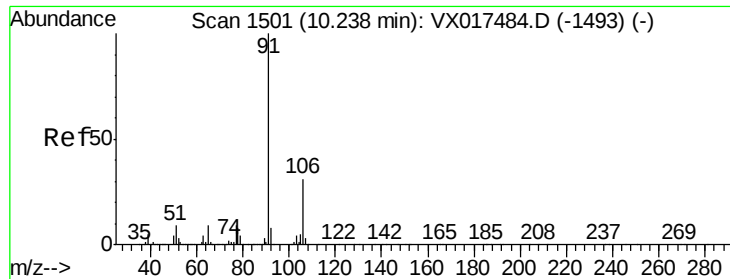
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.429 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.6
119	62.5	31.1	93.3





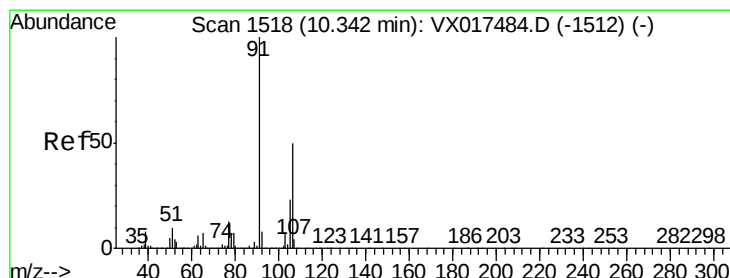
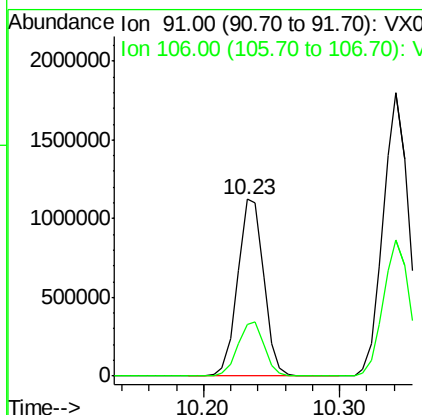
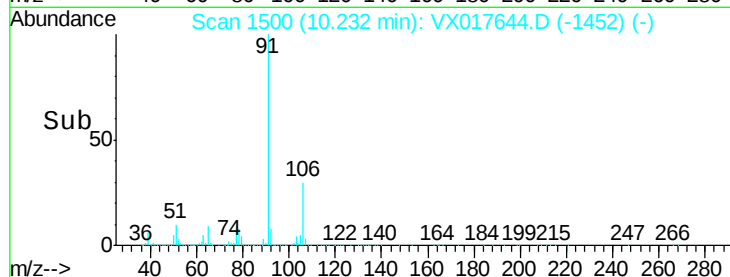
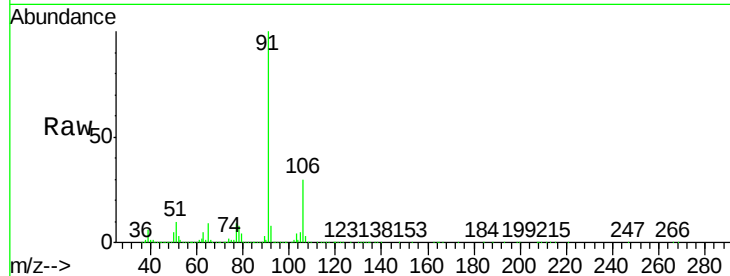
#67
Ethyl Benzene
Concen: 49.297 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1500904
Ion Ratio Lower Upper
91 100
106 29.5 25.8 38.6

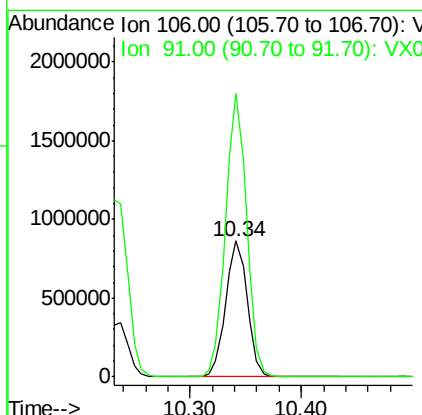
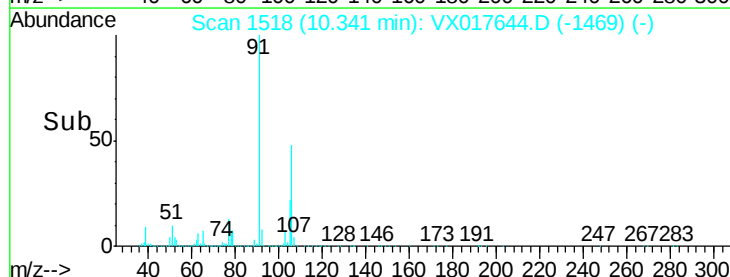
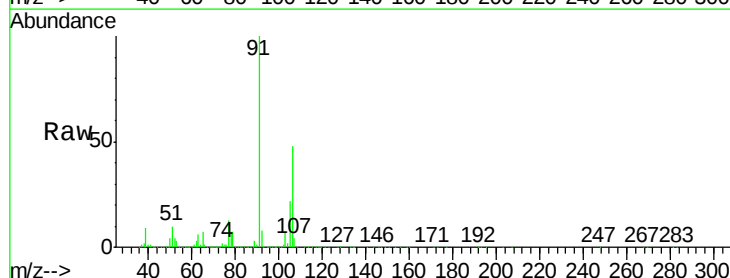
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#68
m/p-Xylenes
Concen: 97.879 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 106 Resp: 1154468
Ion Ratio Lower Upper
106 100
91 204.0 160.9 241.3





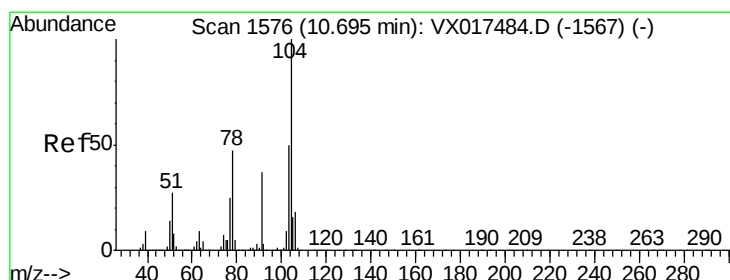
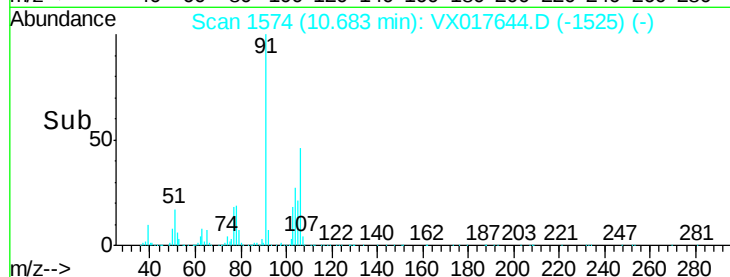
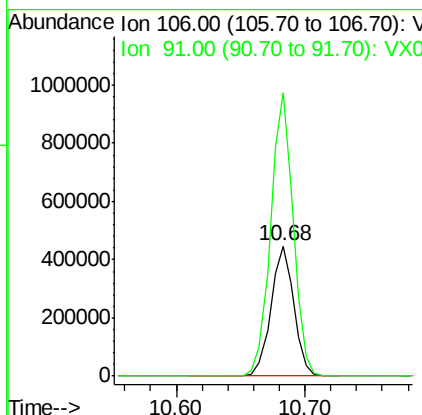
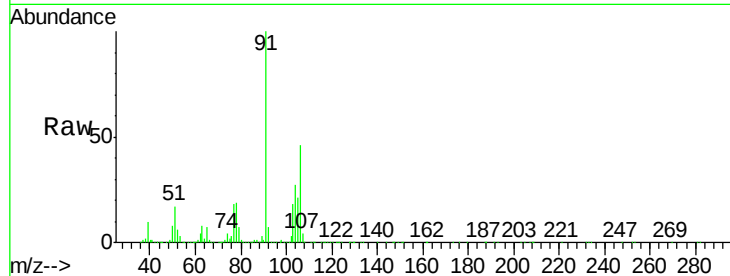
#69
o-Xylene
Concen: 48.870 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.4	108.2	324.6

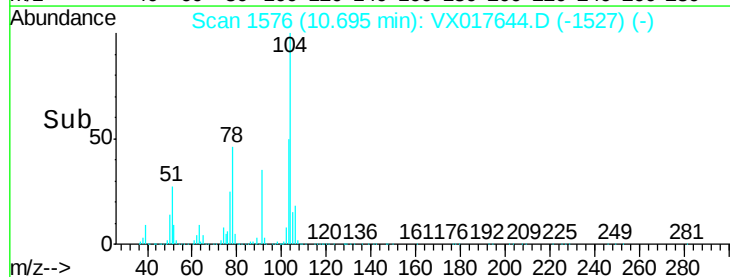
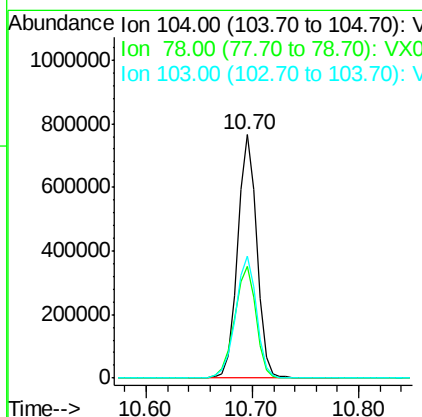
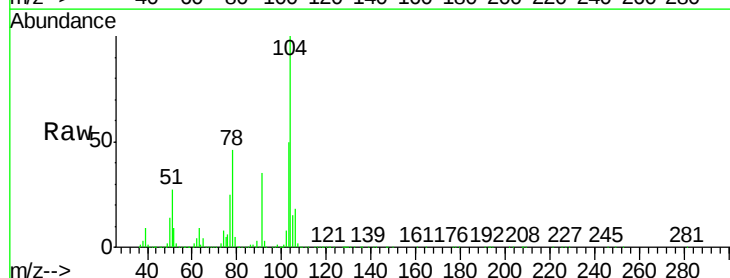
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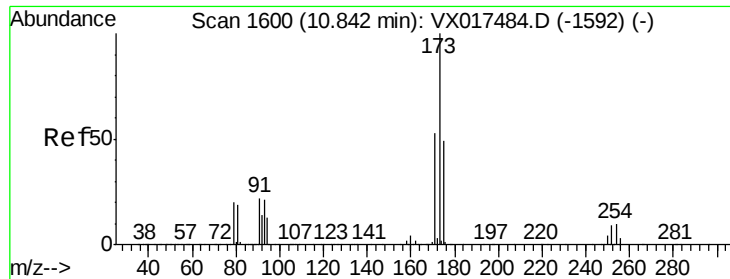
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#70
Styrene
Concen: 50.173 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	42.5	63.7
103	54.7	44.3	66.5





#71

Bromoform

Concen: 46.936 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

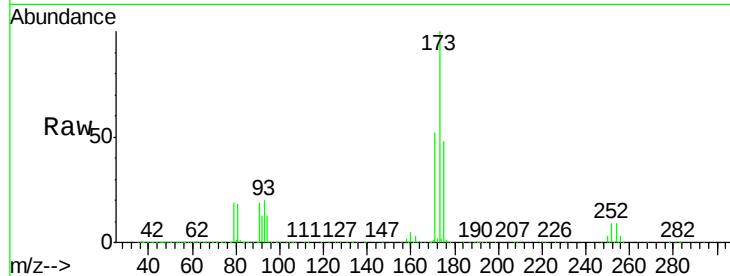
ClientSampleId :

VSTDCCC050

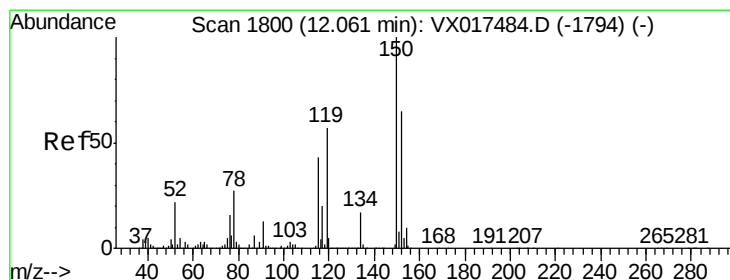
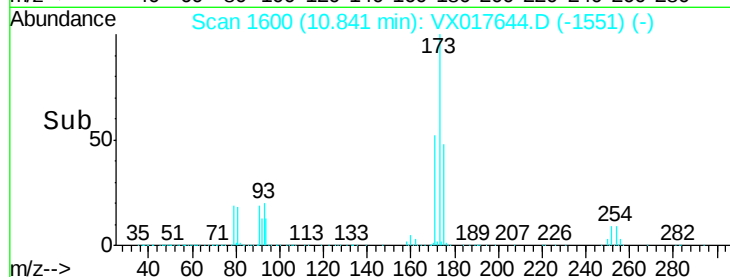
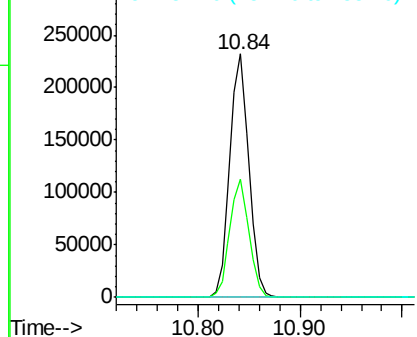
Tgt Ion:	173	Resp:	299340
Ion Ratio	Lower	Upper	
173	100		
175	49.2	23.8	71.5
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

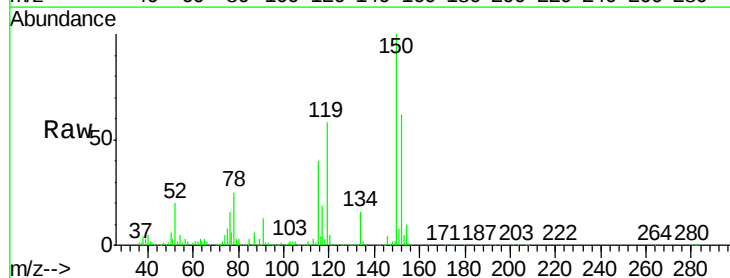
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

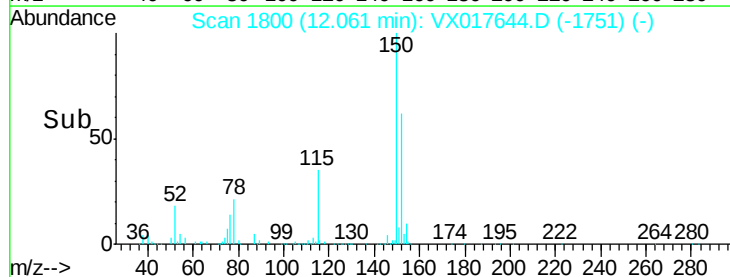
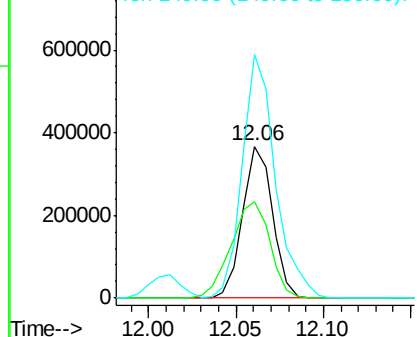
Lab File: VX017644.D

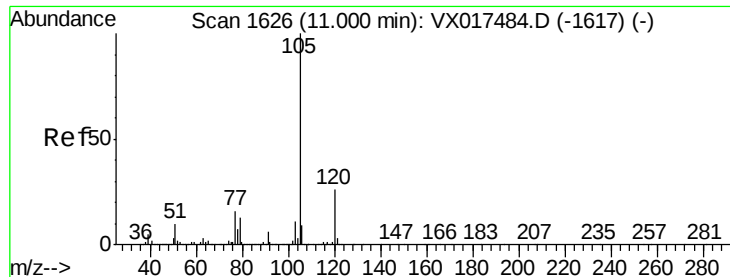
Acq: 28 Jul 2020 11:13

Tgt Ion:	152	Resp:	437535
Ion Ratio	Lower	Upper	
152	100		
115	81.7	65.5	196.6
150	176.8	0.0	412.6



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





#73

Isopropylbenzene

Concen: 50.644 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1520118

Ion Ratio Lower Upper

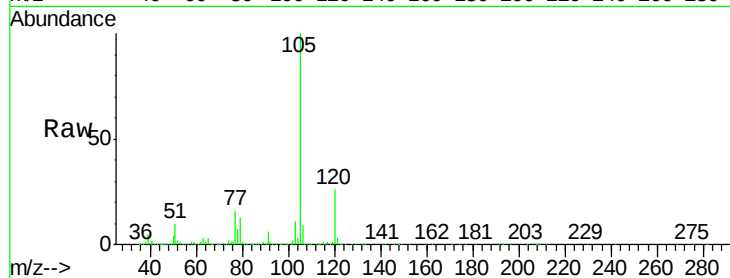
105 100

120 26.8 13.3 39.8

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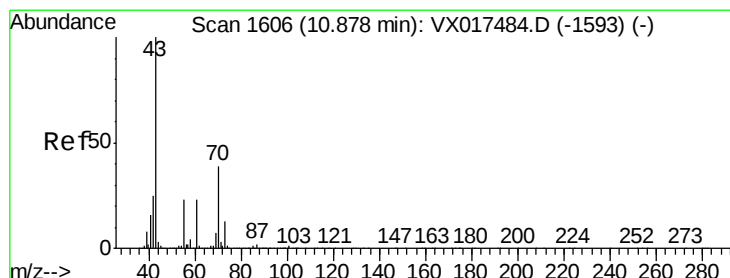
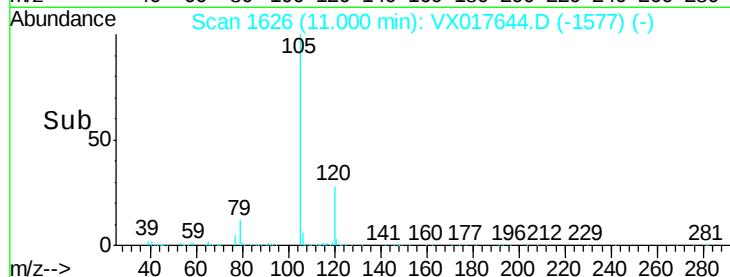
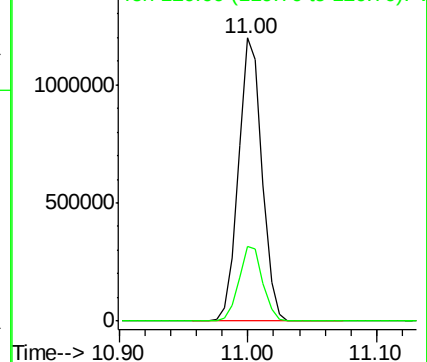
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.610 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion: 43 Resp: 661608

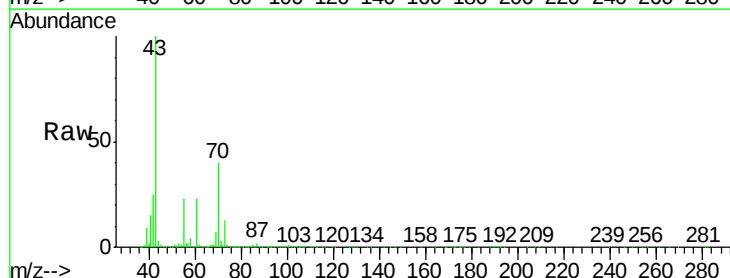
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 23.9 18.4 27.6

61 23.7 18.6 28.0

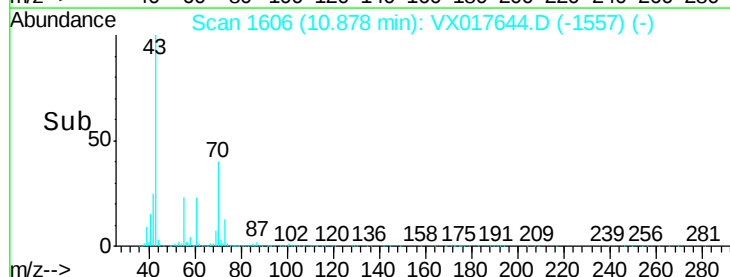
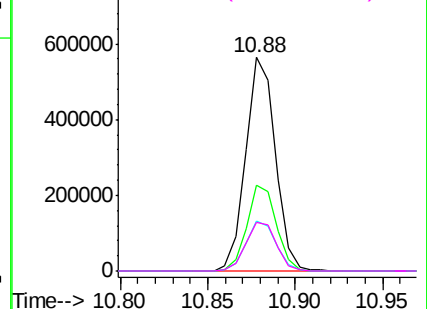


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.999 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 430959
Ion Ratio Lower Upper

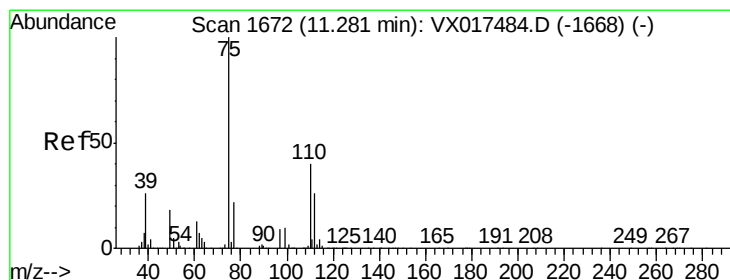
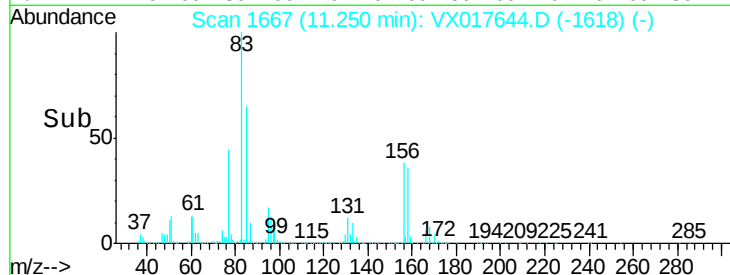
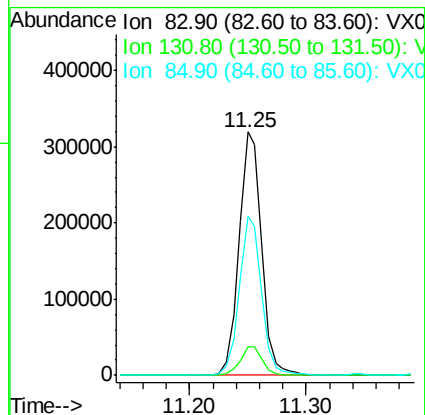
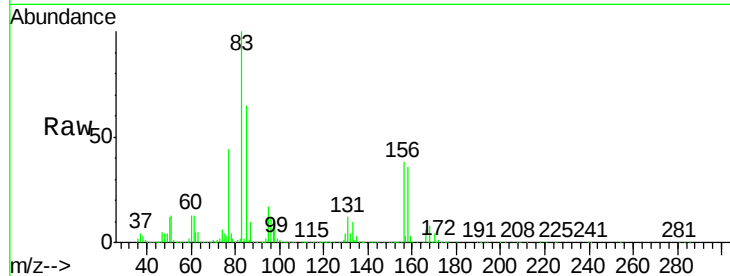
83 100

131 11.6 5.5 16.5

85 64.7 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 47.862 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

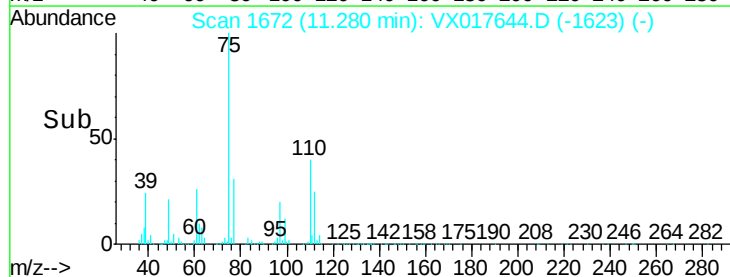
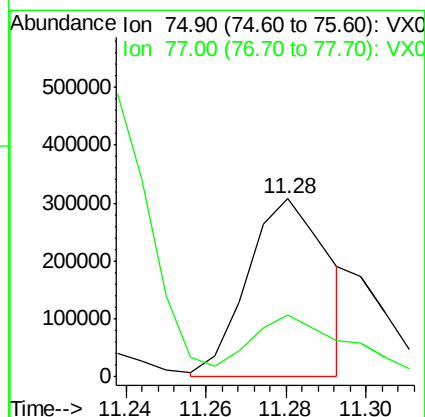
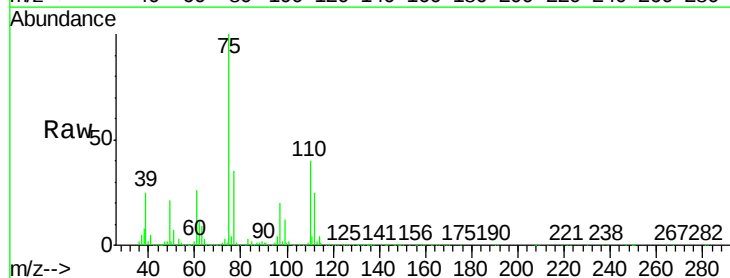
Lab File: VX017644.D

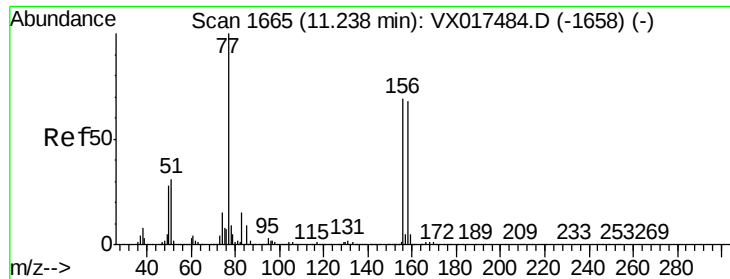
Acq: 28 Jul 2020 11:13

Tgt Ion: 75 Resp: 430773
Ion Ratio Lower Upper

75 100

77 41.9 21.8 65.3





#77

Bromobenzene

Concen: 48.995 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

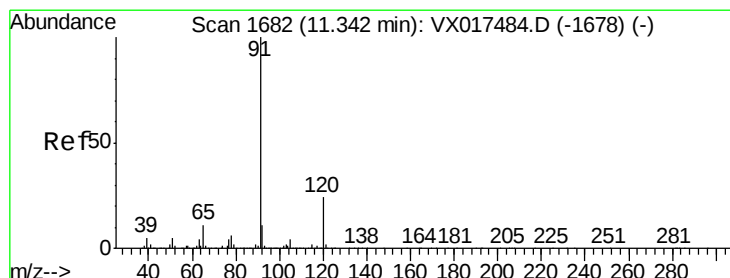
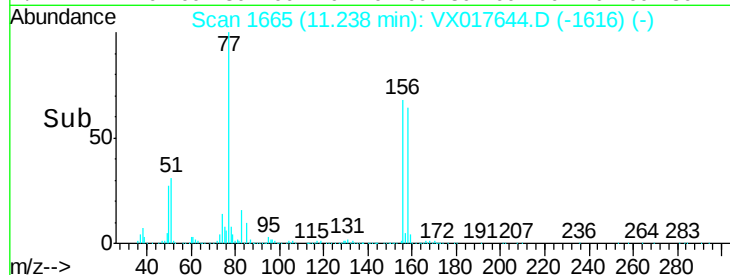
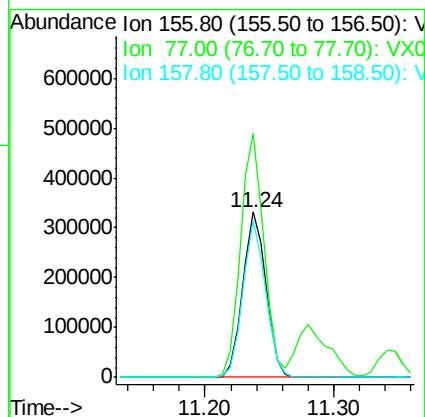
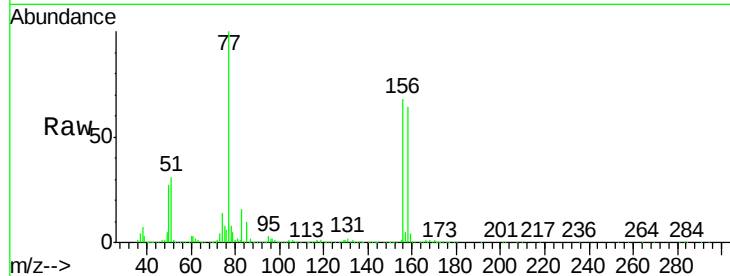
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	411704
Ion Ratio	Lower	Upper	
156	100		
77	149.4	75.0	225.0
158	93.5	49.1	147.3

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#78

n-propylbenzene

Concen: 50.819 ug/l

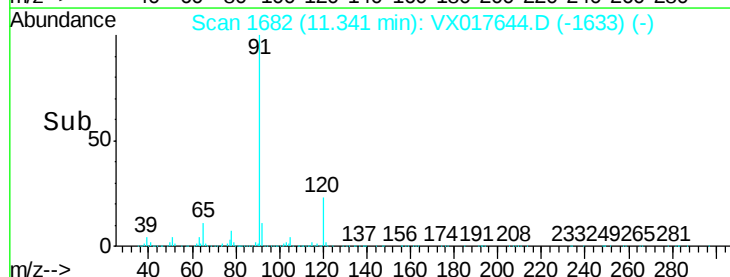
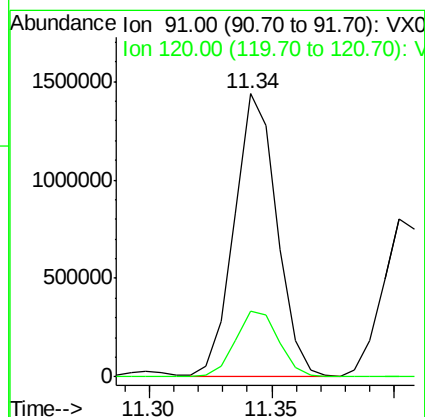
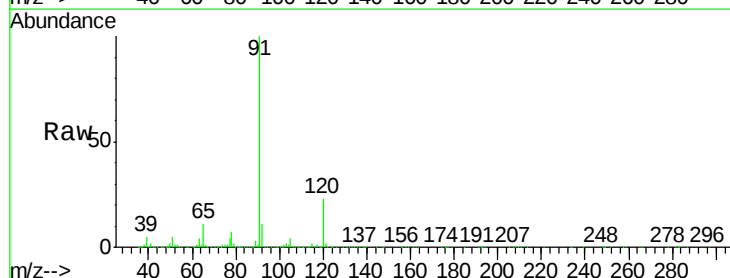
RT: 11.34 min Scan# 1682

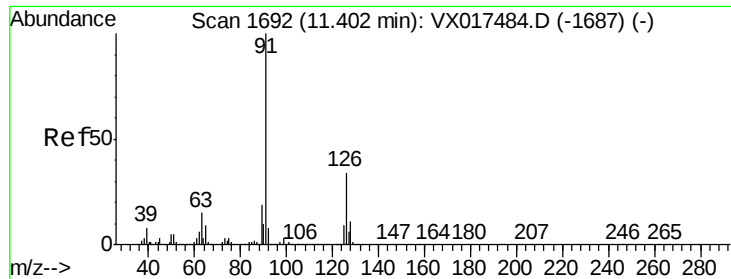
Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion:	91	Resp:	1720361
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.611 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1019404

Ion Ratio Lower Upper

91 100

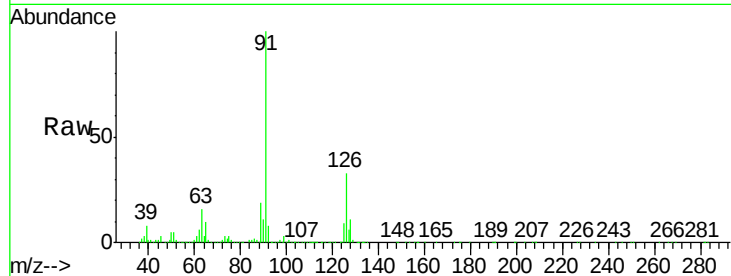
126 35.0 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)

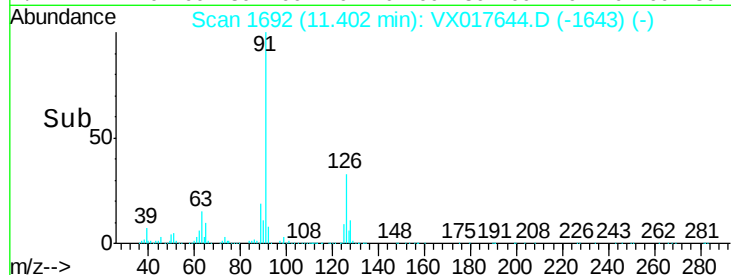
1500000

1000000

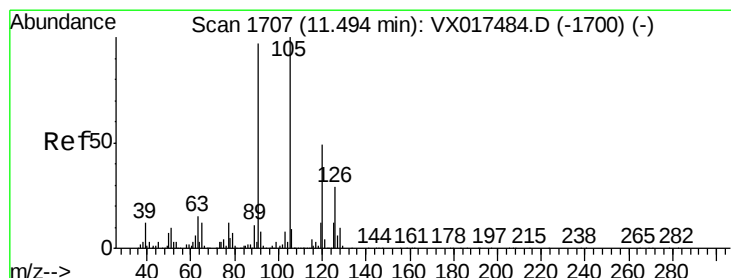
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.092 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017644.D

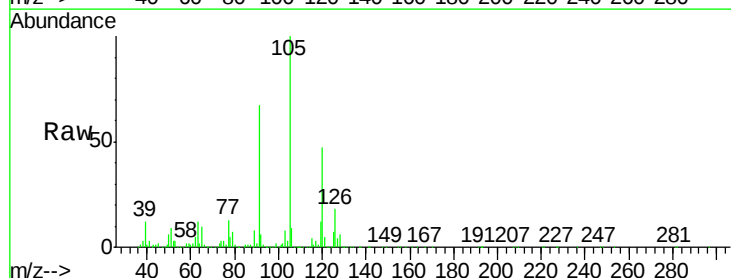
Acq: 28 Jul 2020 11:13

Tgt Ion: 105 Resp: 1283740

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)

1200000

1000000

800000

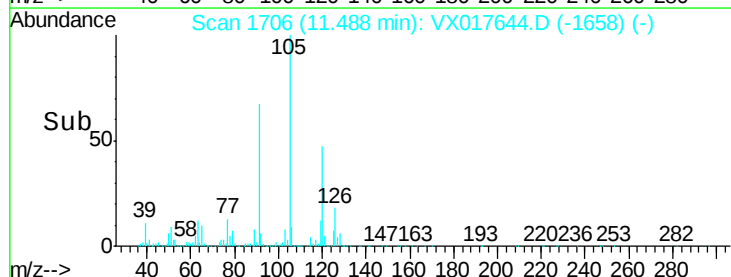
600000

400000

200000

0

11.45 11.50 11.55



Time-->



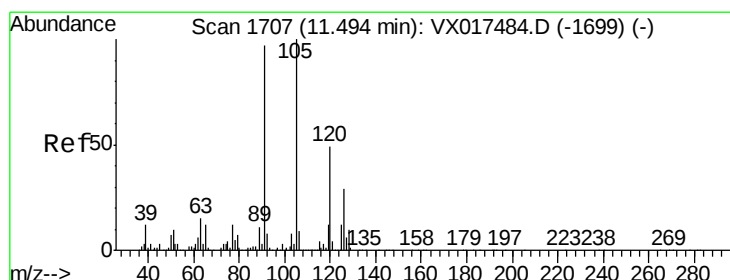
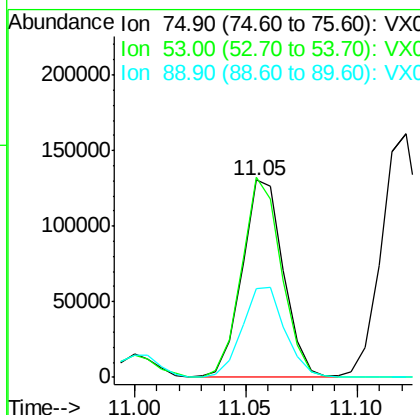
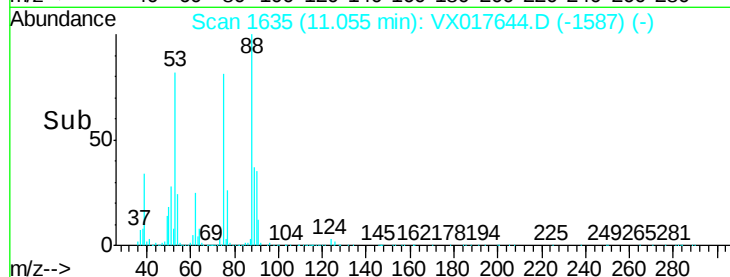
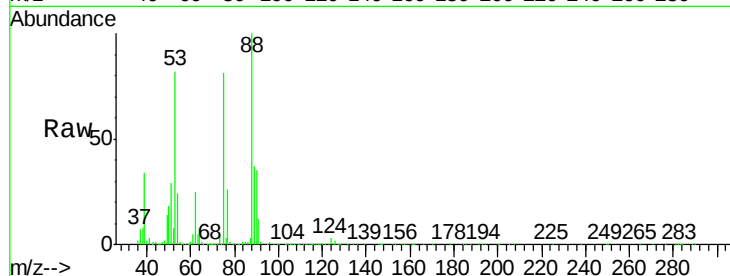
#81
trans-1,4-Dichloro-2-butene
Concen: 46.927 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.0	75.9	113.9
89	48.2	37.8	56.6

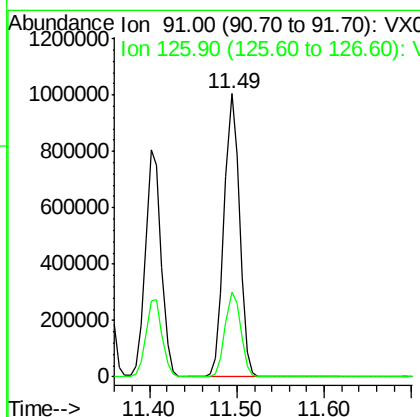
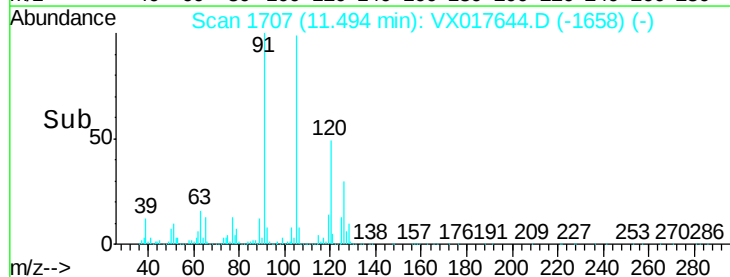
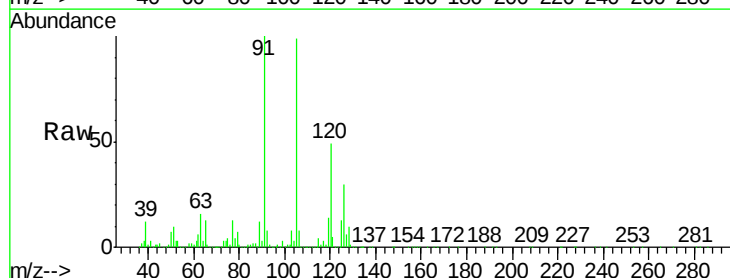
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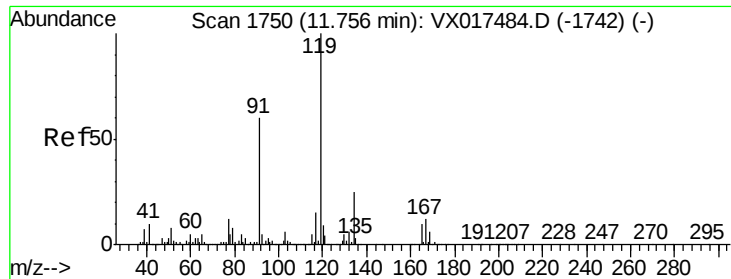
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#82
4-Chlorotoluene
Concen: 49.443 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.2	45.6





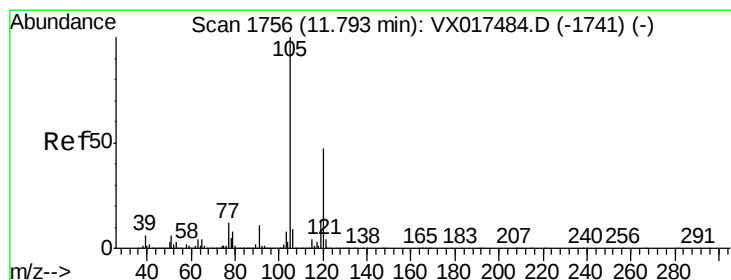
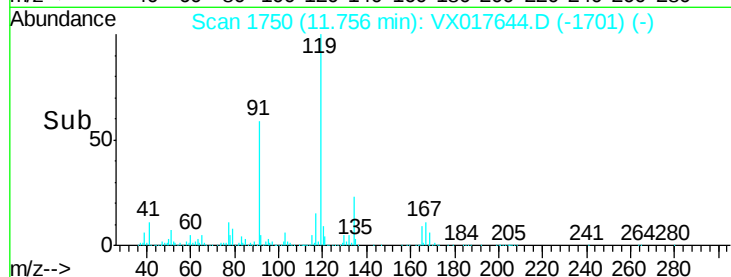
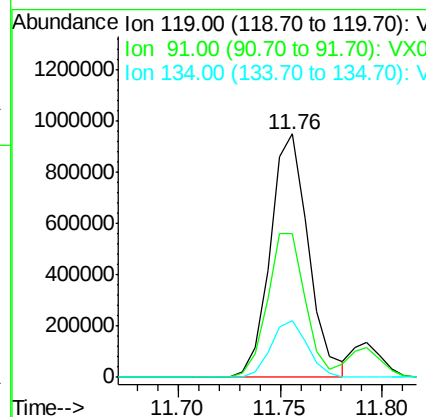
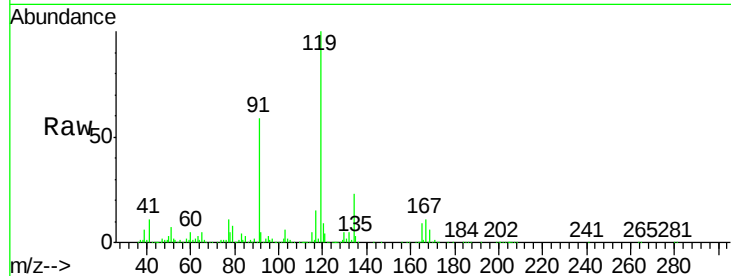
#83
 tert-Butylbenzene
 Concen: 50.523 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.3	88.0
134	22.4	11.2	33.6

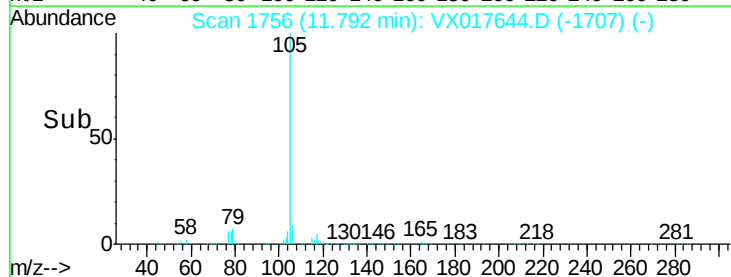
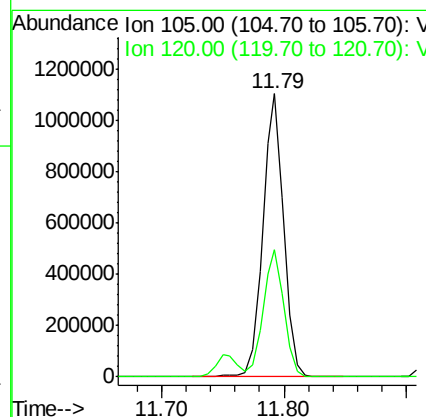
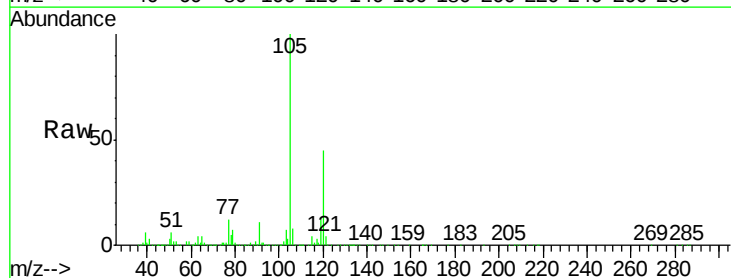
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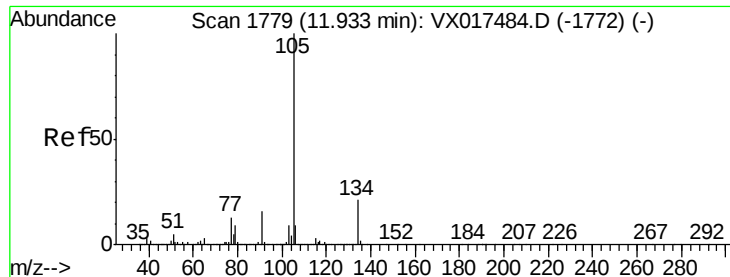
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.303 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0





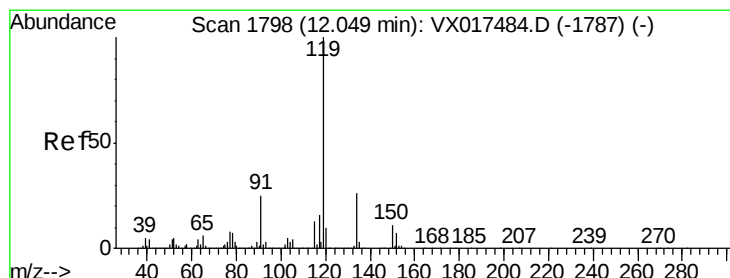
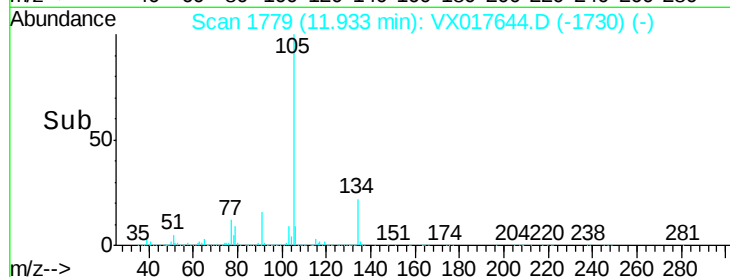
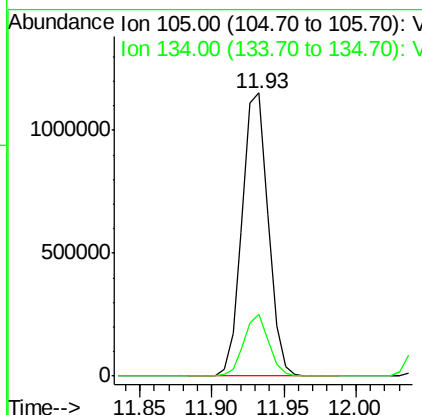
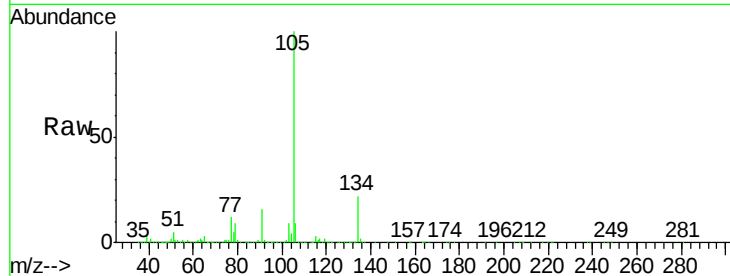
#85
 sec-Butylbenzene
 Concen: 50.691 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 1448042
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2

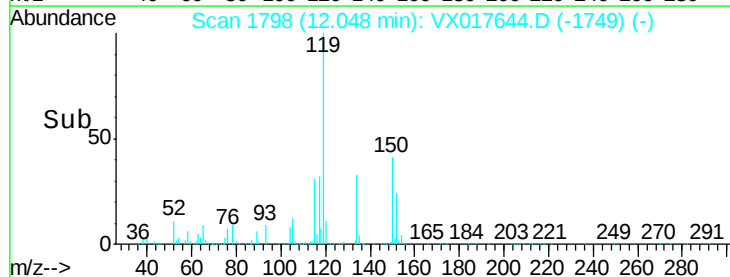
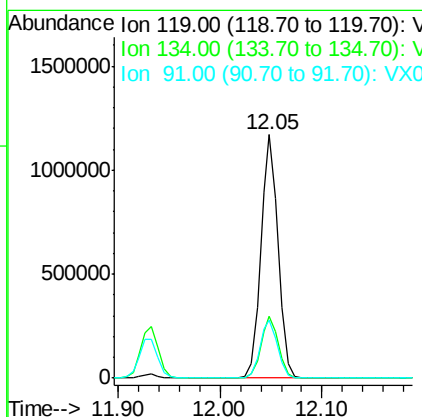
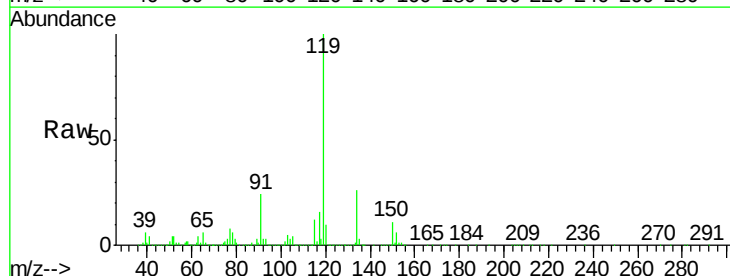
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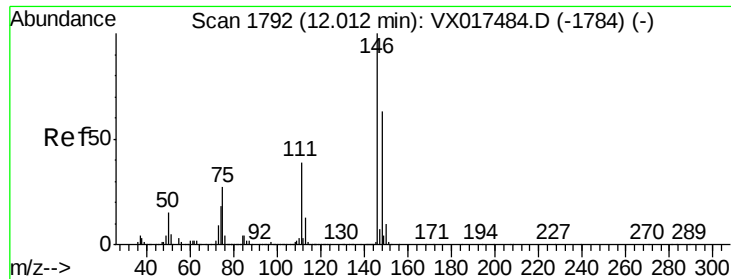
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#86
 p-Isopropyltoluene
 Concen: 50.805 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion:119 Resp: 1382081
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 24.2 12.1 36.3





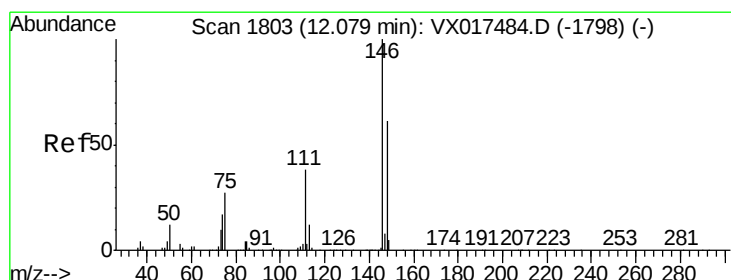
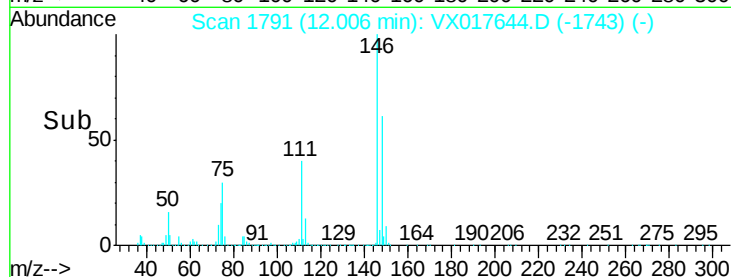
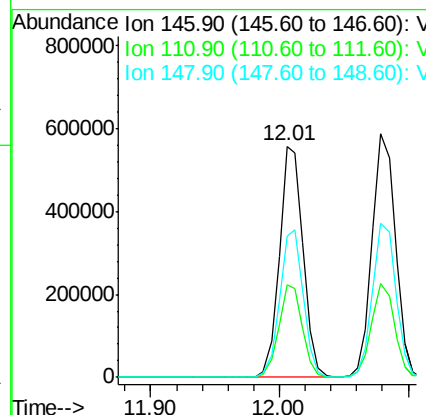
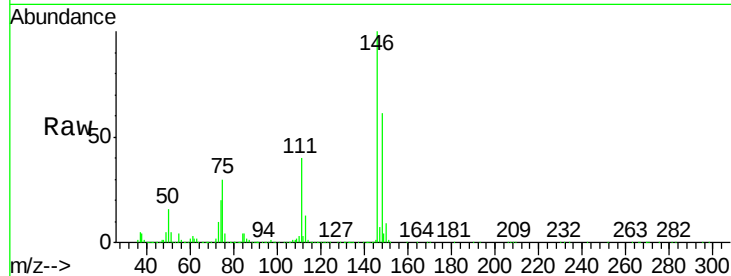
#87
 1,3-Dichlorobenzene
 Concen: 49.568 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	63.8	31.6	95.0

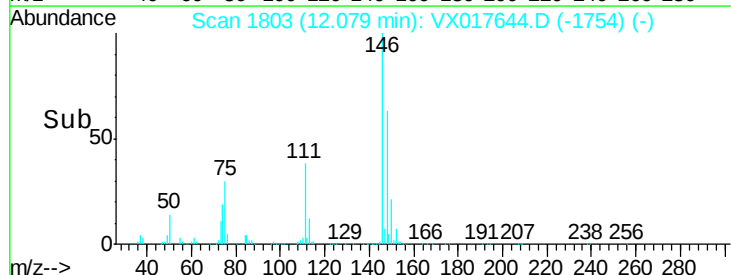
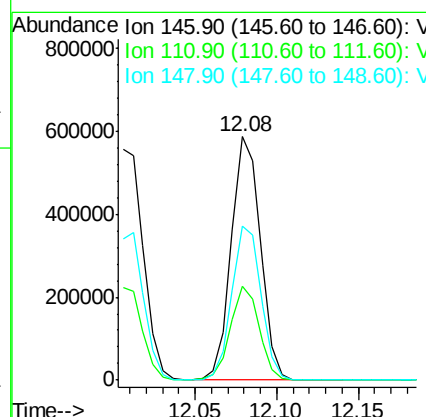
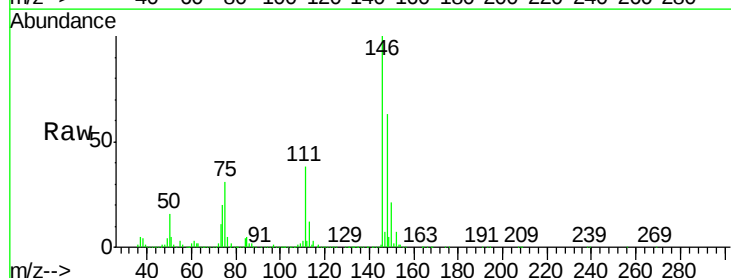
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#88
 1,4-Dichlorobenzene
 Concen: 48.750 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	63.7	32.2	96.6





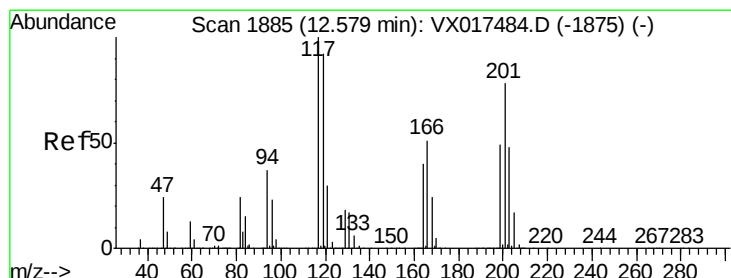
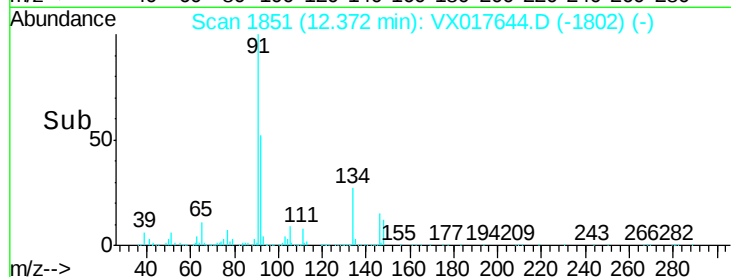
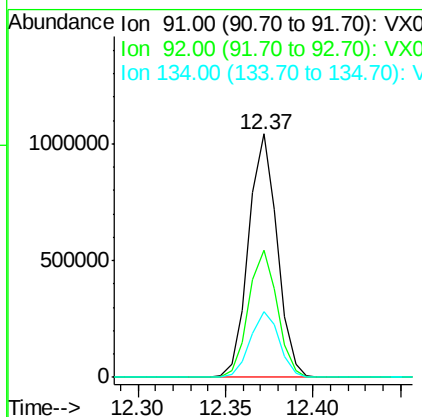
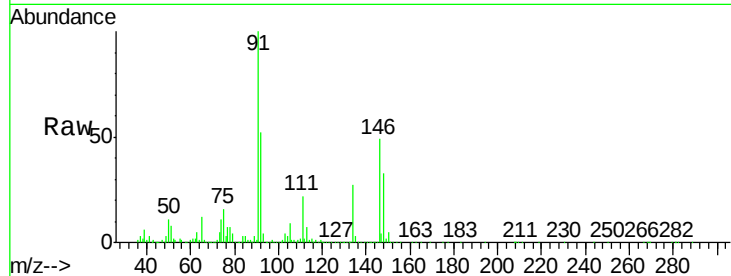
#89
n-Butylbenzene
Concen: 48.707 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1180683
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 27.4 13.6 40.7

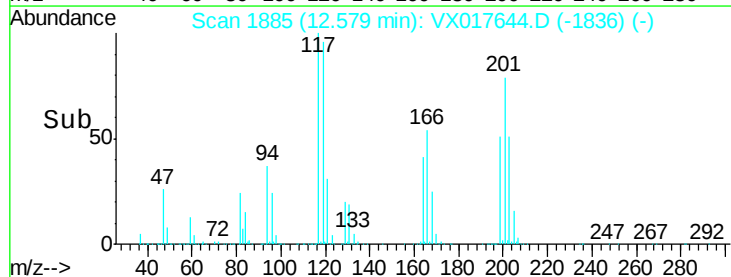
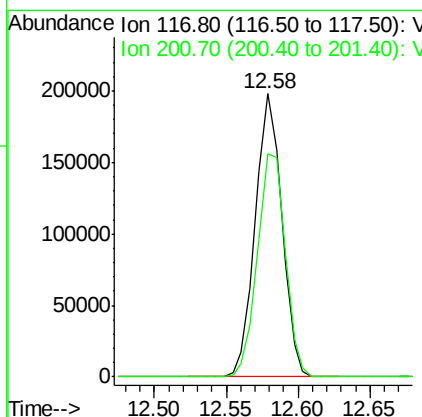
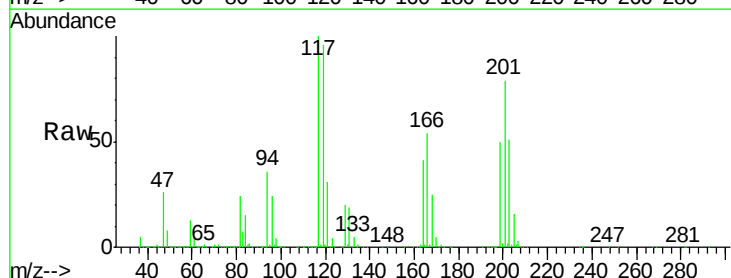
Manual Integrations
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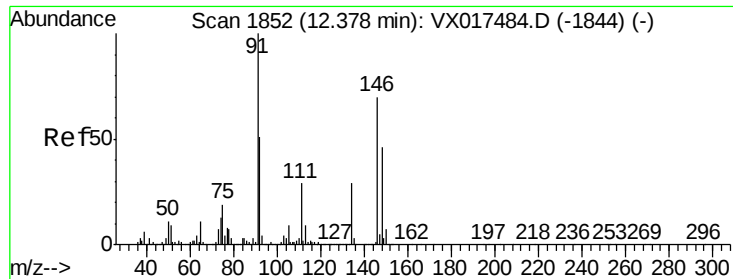
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#90
Hexachloroethane
Concen: 46.938 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 117 Resp: 251738
Ion Ratio Lower Upper
117 100
201 82.7 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 48.223 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

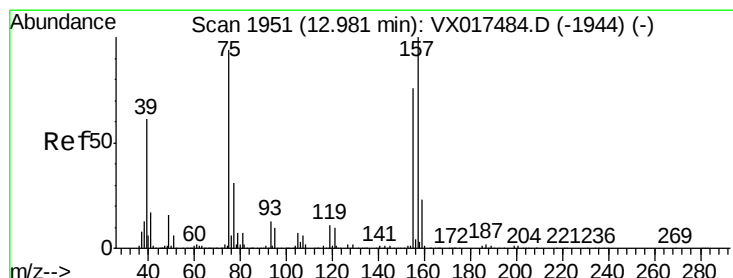
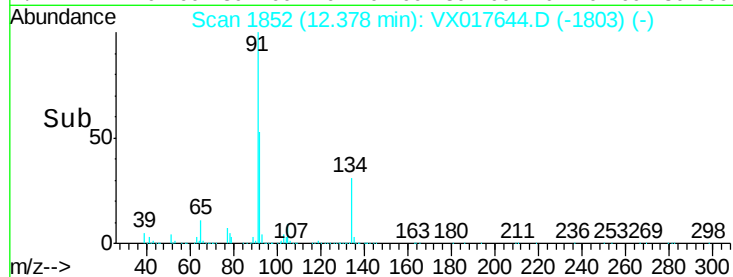
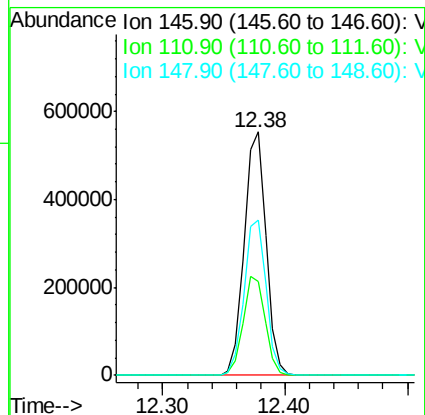
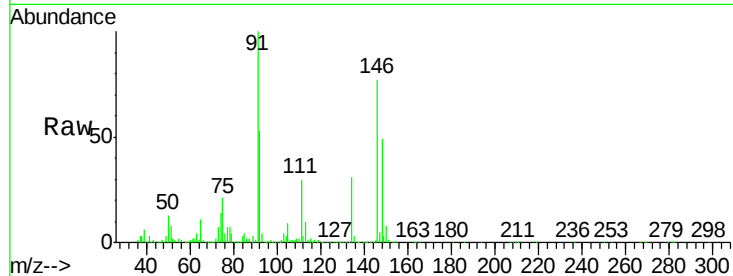
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	683910
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.9	62.8
148	64.2	32.8	98.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 42.734 ug/l

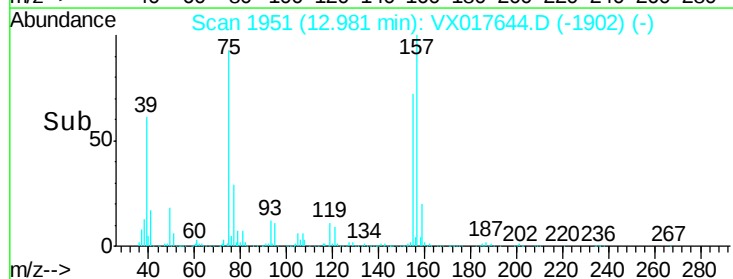
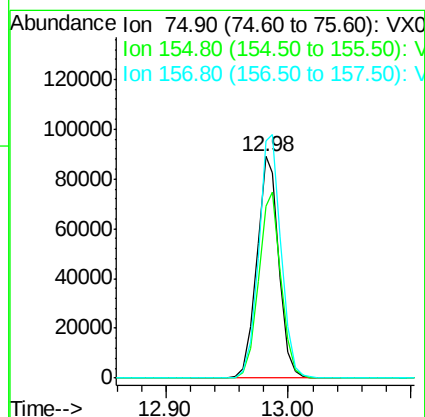
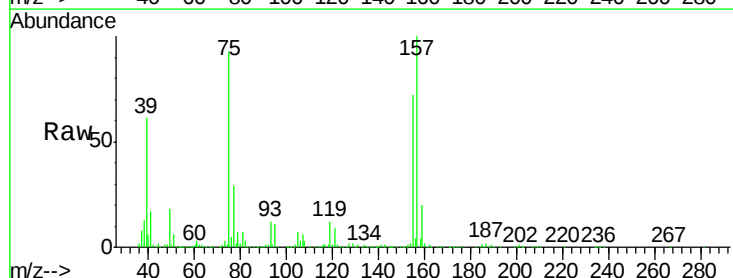
RT: 12.98 min Scan# 1951

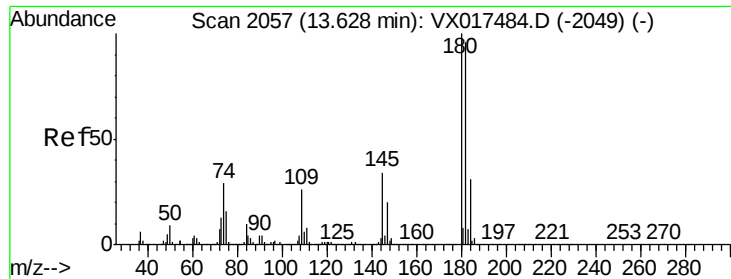
Delta R.T. 0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion:	75	Resp:	112180
Ion Ratio	Lower	Upper	
75	100		
155	85.0	42.3	126.8
157	112.0	54.3	162.9





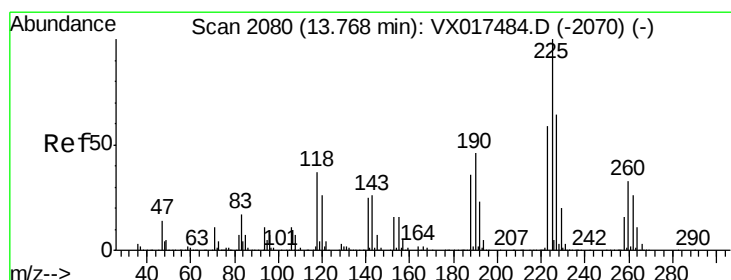
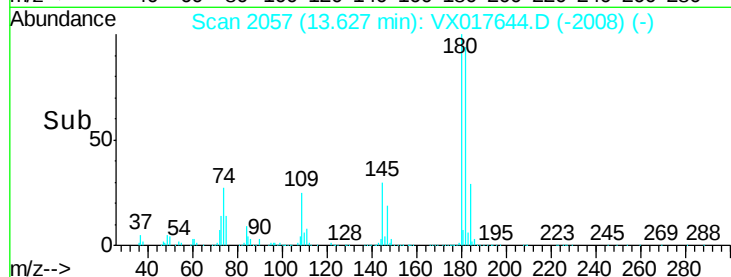
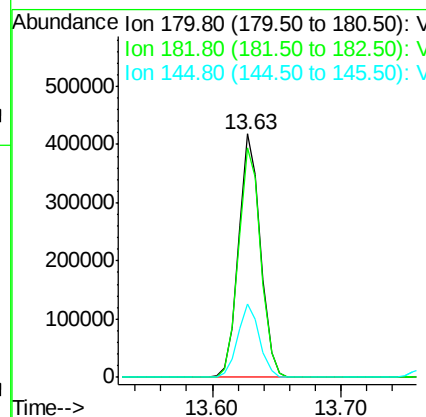
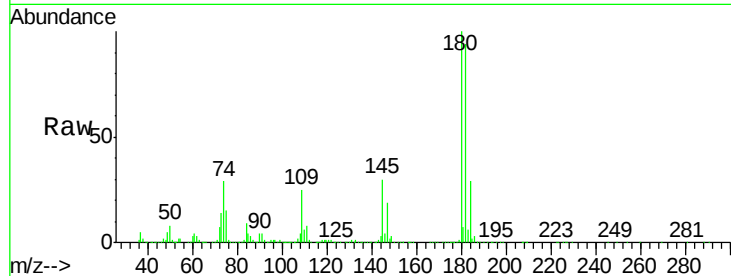
#93
 1,2,4-Trichlorobenzene
 Concen: 50.978 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	493425		
182	96.4	47.5	142.6	
145	30.3	15.4	46.4	

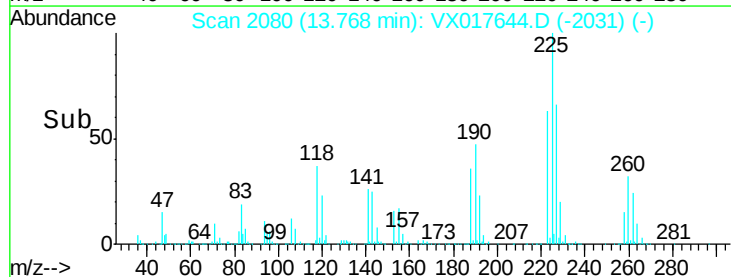
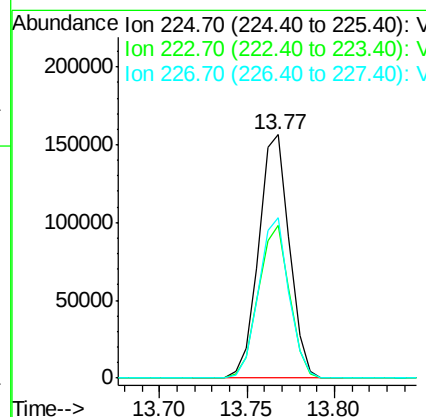
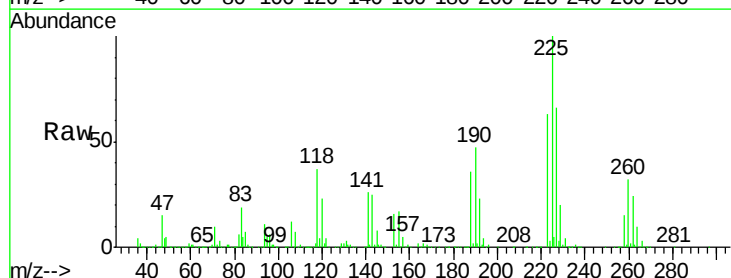
Manual Integrations
 APPROVED

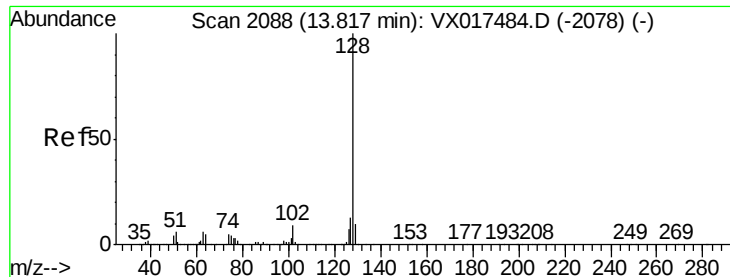
MMDadoda
 7/29/2020 10:49:18 AM



#94
 Hexachlorobutadiene
 Concen: 43.000 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191588		
223	63.1	30.3	90.9	
227	64.8	31.1	93.2	





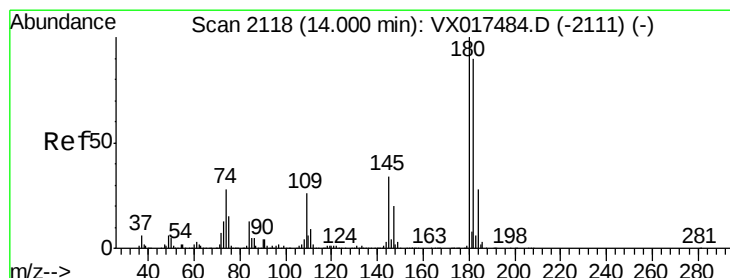
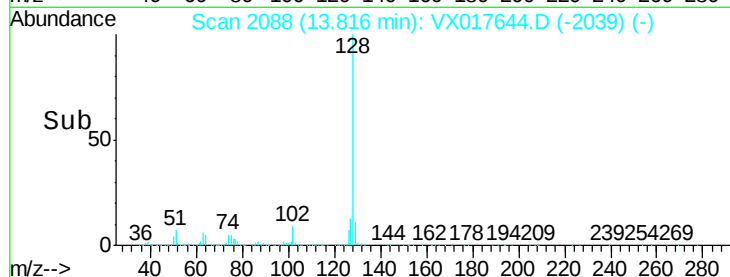
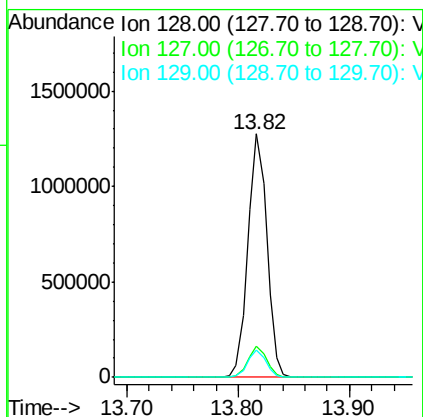
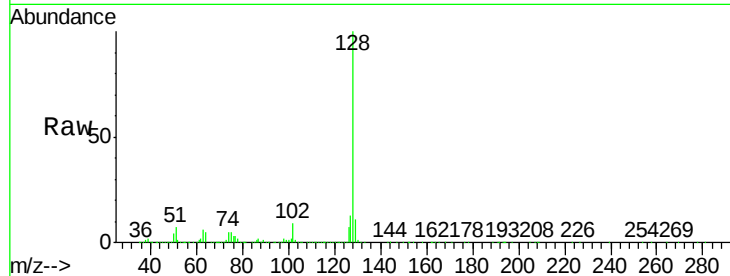
#95
Naphthalene
Concen: 52.304 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1511292
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.234 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion:180 Resp: 480090
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.3
145 33.0 16.3 48.9

