

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071720\
 Data File : VX017428.D
 Acq On : 17 Jul 2020 18:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:50:24 AM

Quant Time: Jul 18 08:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	569109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	937514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	939321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	532556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	364387	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.46	113	314910	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.70	98	1154287	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.12	95	492440	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	140985	29.276	ug/l	99
3) Chloromethane	1.31	50	147244	27.159	ug/l	98
4) Vinyl Chloride	1.39	62	153514	28.623	ug/l	100
5) Bromomethane	1.62	94	74127	21.231	ug/l	98
6) Chloroethane	1.71	64	95495	28.208	ug/l	99
7) Trichlorofluoromethane	1.92	101	246374	27.216	ug/l	97
8) Diethyl Ether	2.17	74	86478	27.025	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	151039	29.290	ug/l	98
10) Methyl Iodide	2.49	142	148440	23.062	ug/l	98
11) Tert butyl alcohol	3.01	59	176346	146.536	ug/l	99
12) 1,1-Dichloroethene	2.36	96	148887	28.748	ug/l	96
13) Acrolein	2.28	56	4320	6.549	ug/l	95
14) Allyl chloride	2.71	41	270646	30.159	ug/l	96
15) Acrylonitrile	3.12	53	440136	150.870	ug/l	99
16) Acetone	2.42	43	370183	145.270	ug/l	98
17) Carbon Disulfide	2.55	76	430043	28.464	ug/l	99
18) Methyl Acetate	2.75	43	197804	31.428	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	511077	29.062	ug/l	99
20) Methylene Chloride	2.83	84	182593	29.368	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	168008	28.353	ug/l	97
22) Diisopropyl ether	3.83	45	531032	31.065	ug/l	88
23) Vinyl Acetate	3.79	43	2366461	157.409	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297310	29.594	ug/l	99
25) 2-Butanone	4.64	43	606595	149.874	ug/l	100
26) 2,2-Dichloropropane	4.55	77	248182	26.544	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	182294	28.054	ug/l	98
28) Bromochloromethane	4.98	49	147153	31.708	ug/l	94
29) Tetrahydrofuran	5.09	42	397467	151.709	ug/l	97
30) Chloroform	5.18	83	303866	28.113	ug/l	98
31) Cyclohexane	5.55	56	245158	29.809	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	275608	27.583	ug/l	98
36) 1,1-Dichloropropene	5.77	75	224221	26.001	ug/l	99
37) Ethyl Acetate	4.79	43	239649	26.872	ug/l	98
38) Carbon Tetrachloride	5.76	117	248713	24.634	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247394	26.418	ug/l	98
40) Benzene	6.11	78	661250	26.682	ug/l	99
41) Methacrylonitrile	5.00	41	130368	27.230	ug/l	97
42) 1,2-Dichloroethane	6.17	62	246265	25.576	ug/l	99
43) Isopropyl Acetate	6.42	43	381834	26.795	ug/l	99
44) Trichloroethene	7.19	130	182099	24.056	ug/l	97
45) 1,2-Dichloropropane	7.49	63	175477	27.672	ug/l	98
46) Dibromomethane	7.63	93	119982	26.235	ug/l	96
47) Bromodichloromethane	7.87	83	250964	26.248	ug/l	99
48) Methyl methacrylate	7.74	41	192174	28.103	ug/l	99
49) 1,4-Dioxane	7.71	88	80687	576.578	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1217738	140.146	ug/l	99
52) Toluene	8.76	92	416869	26.212	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	270457	26.256	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	289931	26.390	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176194	26.568	ug/l	99
56) Ethyl methacrylate	9.16	69	260487	27.667	ug/l	98
57) 1,3-Dichloropropane	9.35	76	288705	26.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	703609	147.181	ug/l	97
59) 2-Hexanone	9.47	43	921800	140.559	ug/l	97
60) Dibromochloromethane	9.57	129	206974	25.547	ug/l	99
61) 1,2-Dibromoethane	9.65	107	189737	26.300	ug/l	100
64) Tetrachloroethene	9.32	164	159322	19.597	ug/l	94
65) Chlorobenzene	10.12	112	466362	24.431	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	180651	23.770	ug/l	98
67) Ethyl Benzene	10.24	91	802906	25.266	ug/l	100
68) m/p-Xylenes	10.34	106	622331	51.471	ug/l	98
69) o-Xylene	10.68	106	294456	25.487	ug/l	100
70) Styrene	10.70	104	522143	26.328	ug/l	99
71) Bromoform	10.84	173	159999	24.948	ug/l #	99
73) Isopropylbenzene	11.00	105	796475	23.858	ug/l	99
74) N-amyl acetate	10.88	43	356727	26.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	266062	26.249	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	249168m	25.320	ug/l	
77) Bromobenzene	11.24	156	216205	22.738	ug/l	95
78) n-propylbenzene	11.34	91	928616	24.768	ug/l	100
79) 2-Chlorotoluene	11.40	91	555500	24.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	686530	24.226	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	94204	24.284	ug/l	98
82) 4-Chlorotoluene	11.49	91	669665	24.456	ug/l	100
83) tert-Butylbenzene	11.76	119	673707	24.593	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	702098	24.524	ug/l	100
85) sec-Butylbenzene	11.93	105	783253	24.422	ug/l	100
86) p-Isopropyltoluene	12.05	119	741493	24.434	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	387875	22.803	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	394480	22.955	ug/l	99
89) n-Butylbenzene	12.37	91	639091	24.694	ug/l	99
90) Hexachloroethane	12.58	117	142117	24.668	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	374747	23.445	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59740	22.336	ug/l	95

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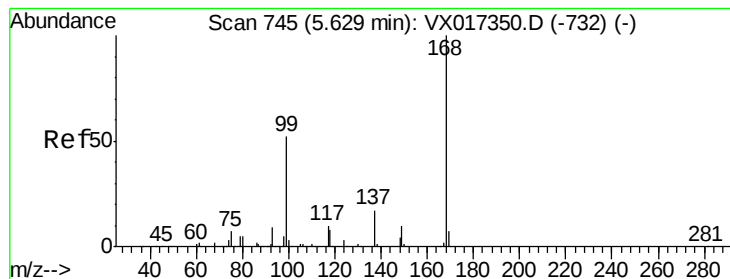
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	244882	22.070	ug/l	98
94) Hexachlorobutadiene	13.76	225	101597	22.452	ug/l	97
95) Naphthalene	13.82	128	795619	24.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	241942	22.573	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 569109

Ion Ratio Lower Upper

168 100

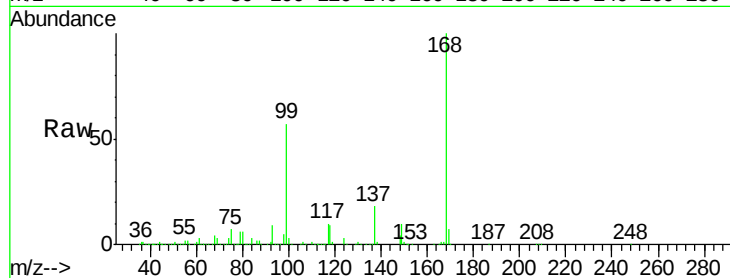
99 57.3 41.6 62.4

Manual Integrations

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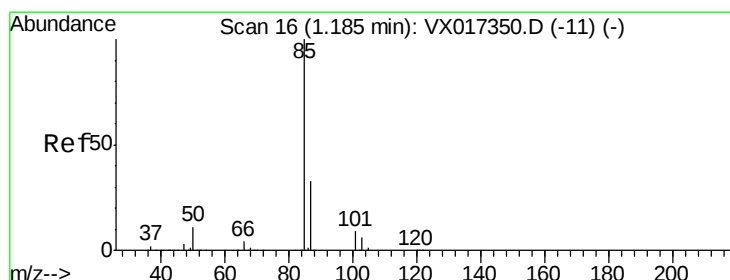
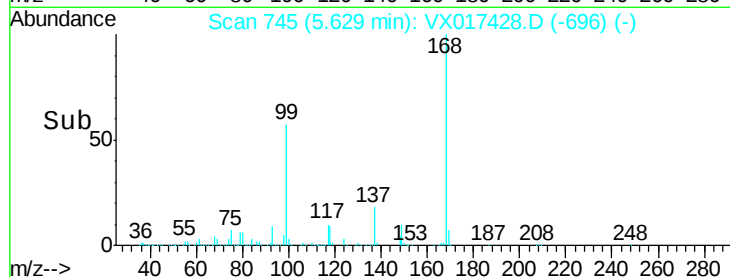
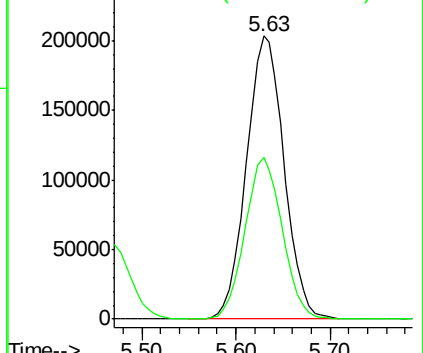
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 29.276 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017428.D

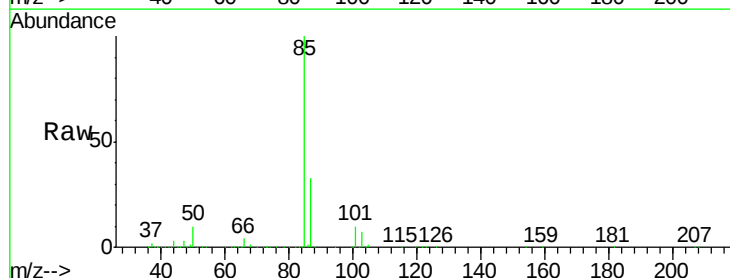
Acq: 17 Jul 2020 18:27

Tgt Ion: 85 Resp: 140985

Ion Ratio Lower Upper

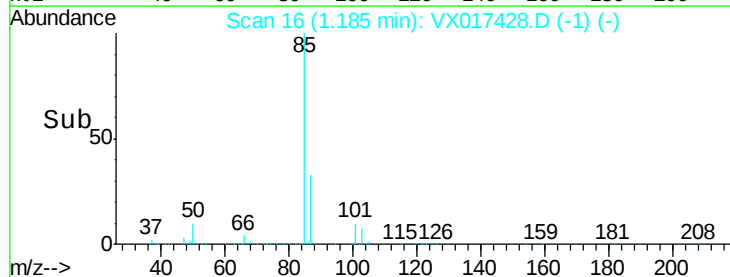
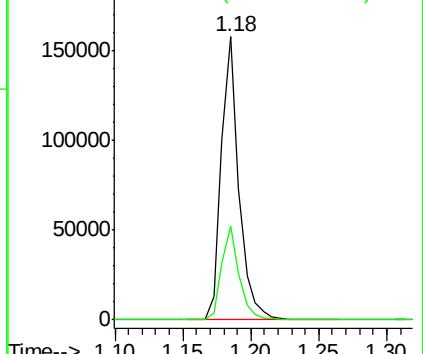
85 100

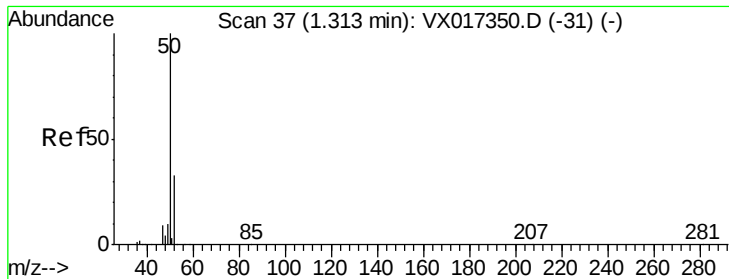
87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 27.159 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 147244

Ion Ratio Lower Upper

50 100

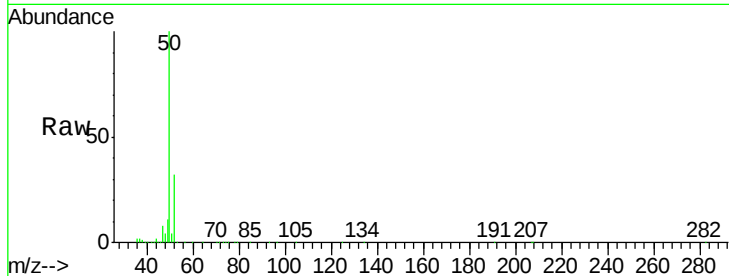
52 32.2 26.7 40.1

Manual Integrations

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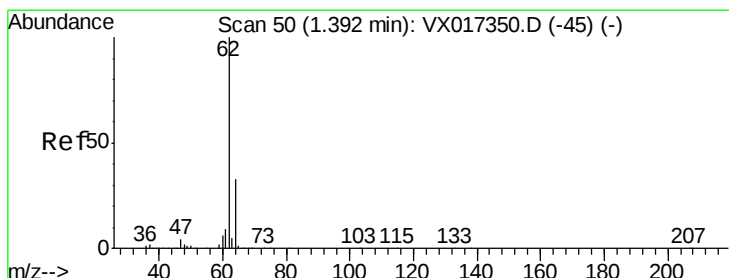
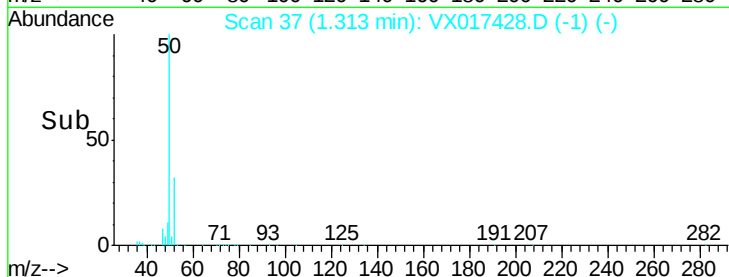
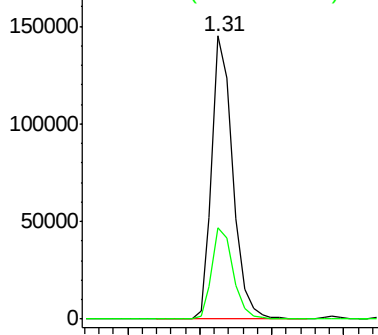
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 28.623 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017428.D

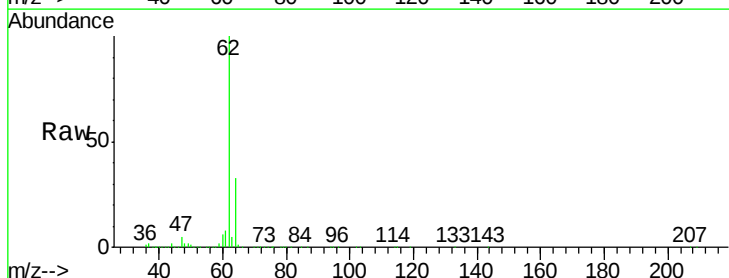
Acq: 17 Jul 2020 18:27

Tgt Ion: 62 Resp: 153514

Ion Ratio Lower Upper

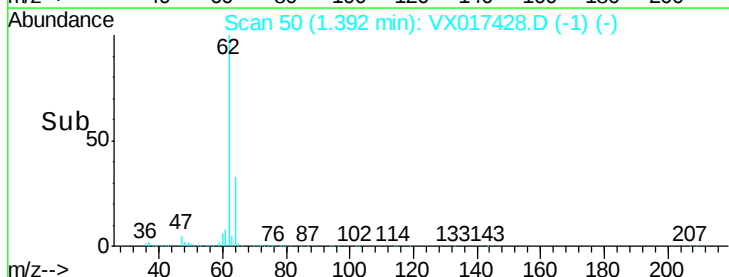
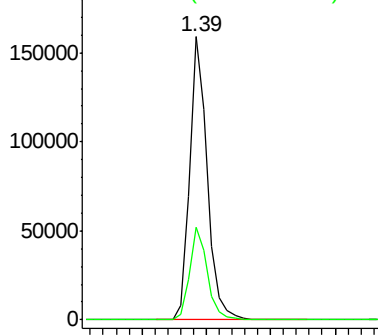
62 100

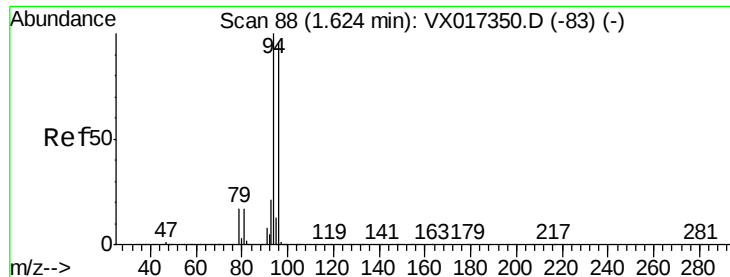
64 32.8 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.231 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 74127

Ion Ratio Lower Upper

94 100

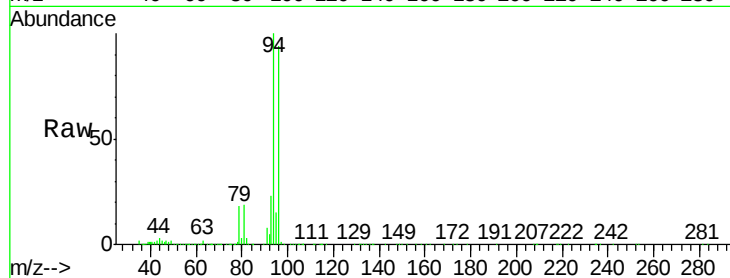
96 94.0 76.6 115.0

Manual Integrations

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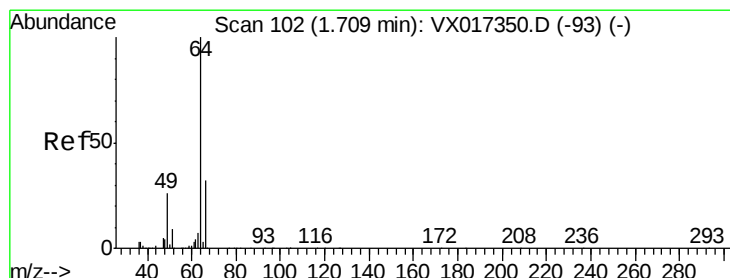
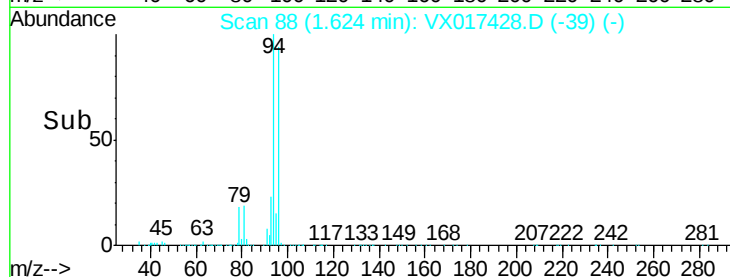
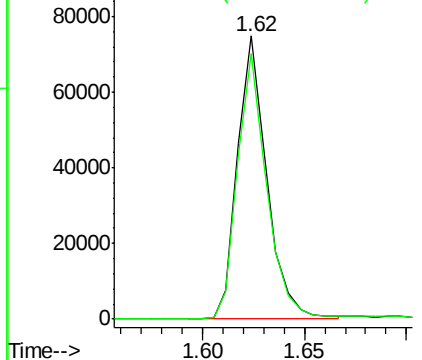
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 28.208 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017428.D

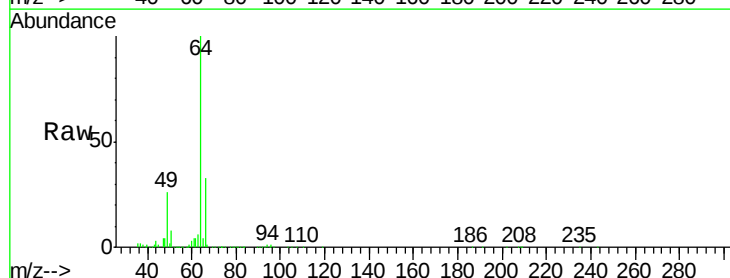
Acq: 17 Jul 2020 18:27

Tgt Ion: 64 Resp: 95495

Ion Ratio Lower Upper

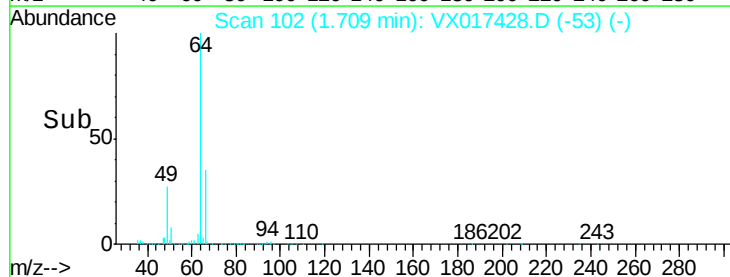
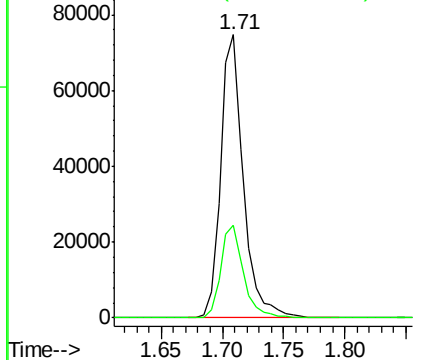
64 100

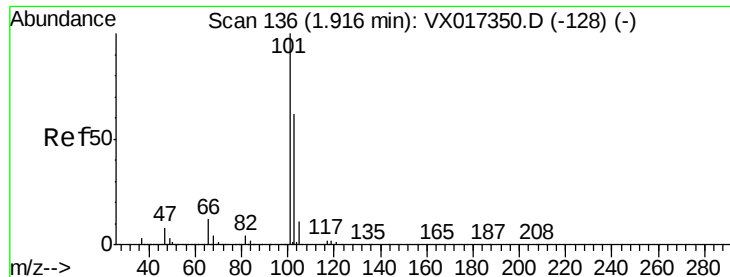
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

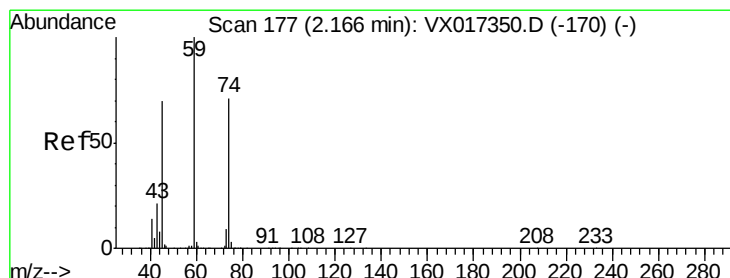
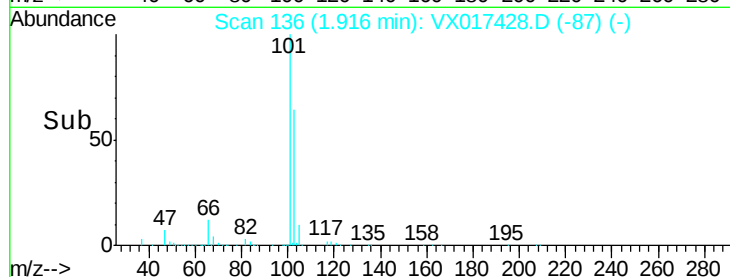
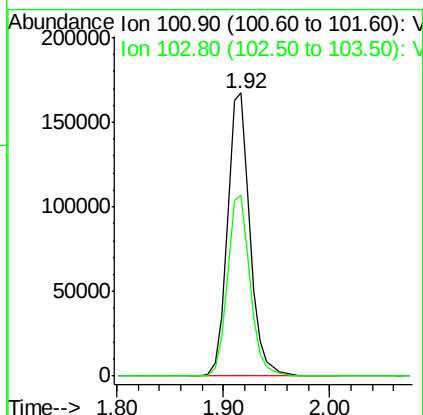
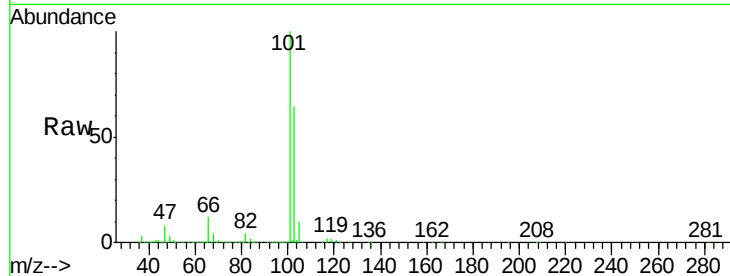
Trichlorofluoromethane
Concen: 27.216 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

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VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.6	74.4

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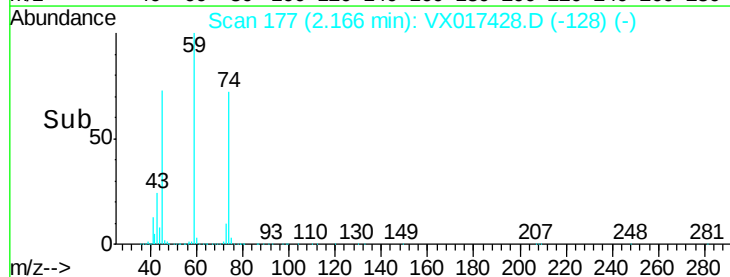
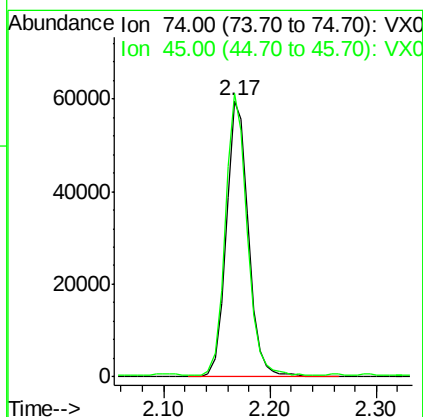
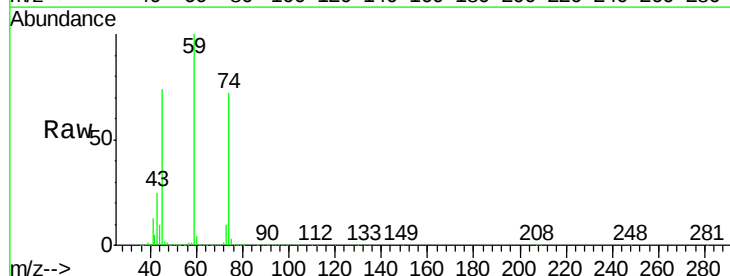
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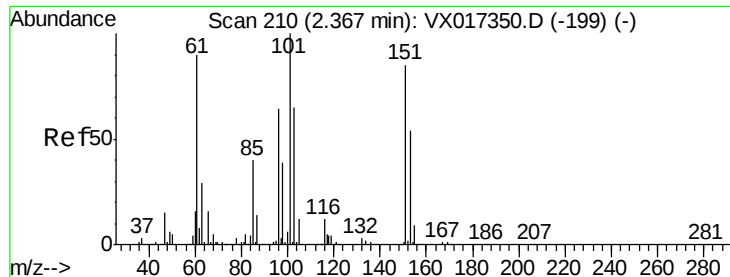


#8

Diethyl Ether
Concen: 27.025 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 29.290 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

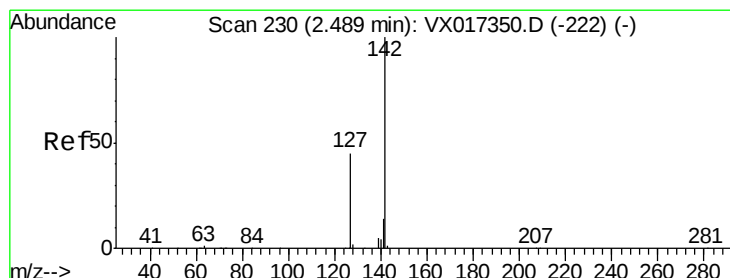
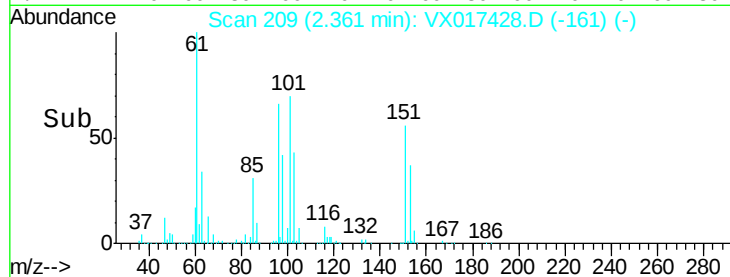
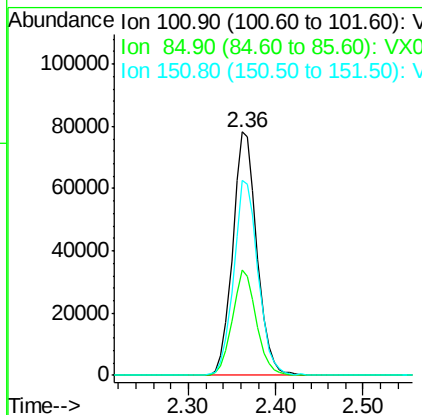
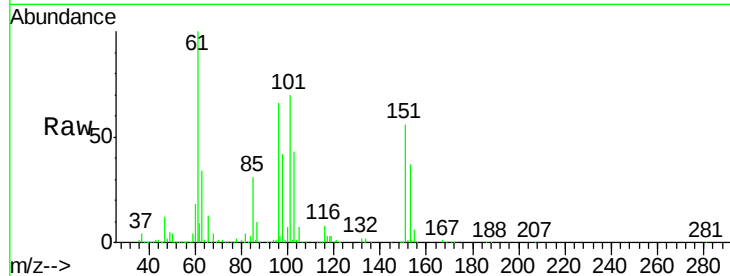
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	151039
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.7	50.5
151	80.8	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 23.062 ug/l

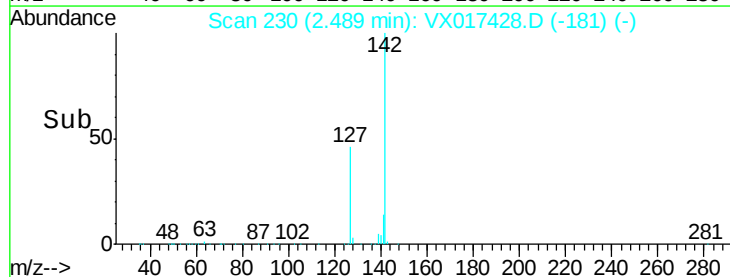
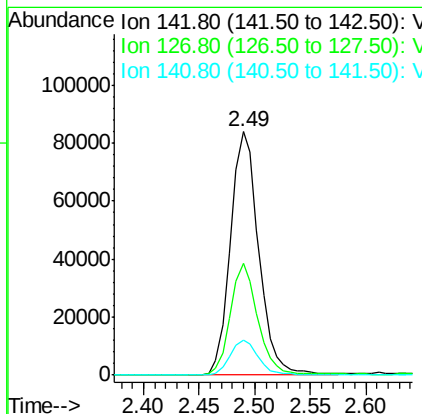
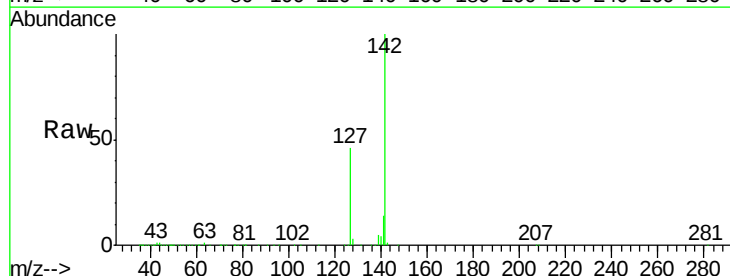
RT: 2.49 min Scan# 230

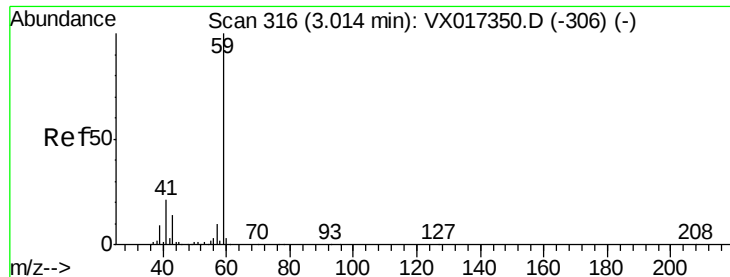
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion:	142	Resp:	148440
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.8	55.2
141	14.2	11.4	17.0





#11

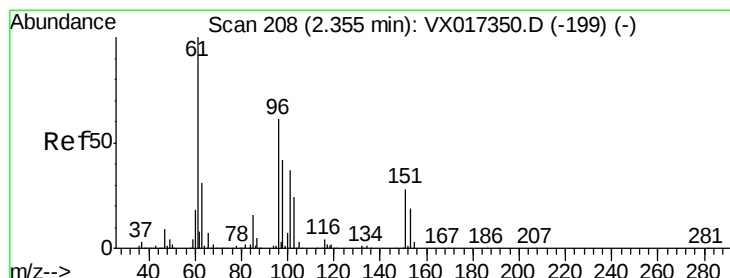
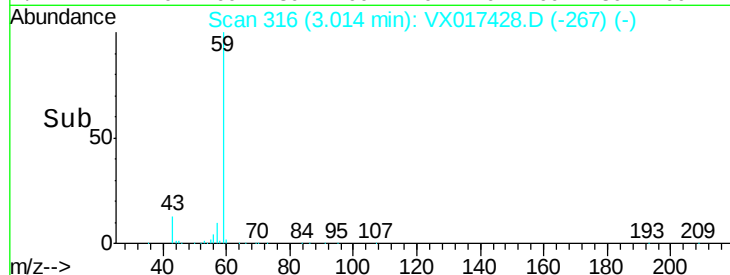
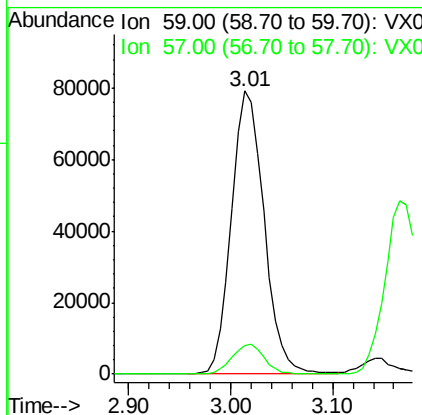
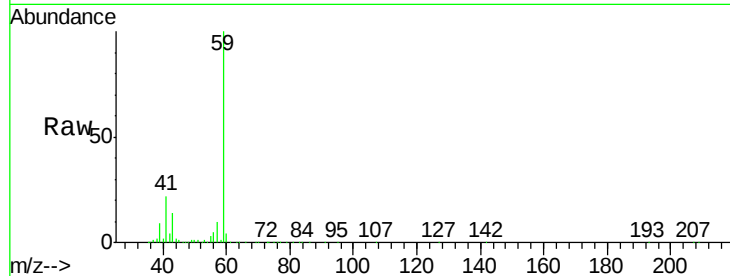
Tert butyl alcohol
Concen: 146.536 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 176346
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

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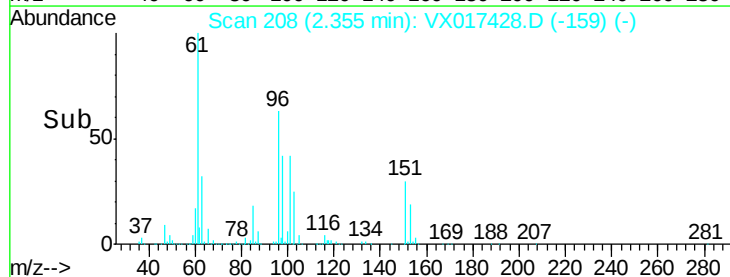
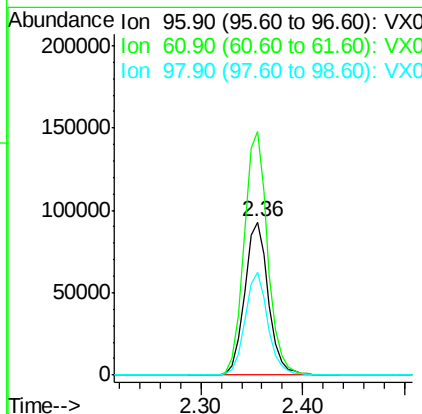
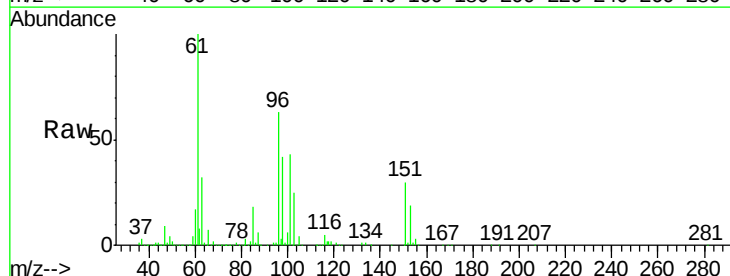
MMDadoda
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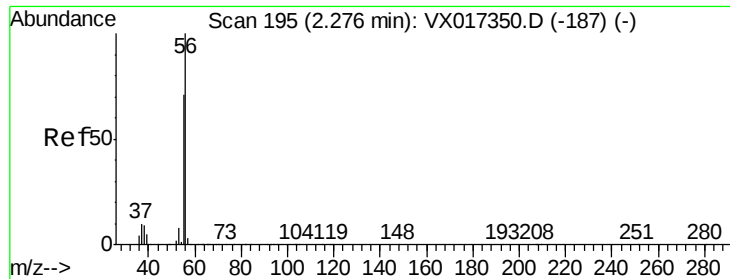


#12

1,1-Dichloroethene
Concen: 28.748 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 96 Resp: 148887
Ion Ratio Lower Upper
96 100
61 159.0 131.5 197.3
98 67.0 55.1 82.7





#13

Acrolein

Concen: 6.549 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 4320

Ion Ratio Lower Upper

56 100

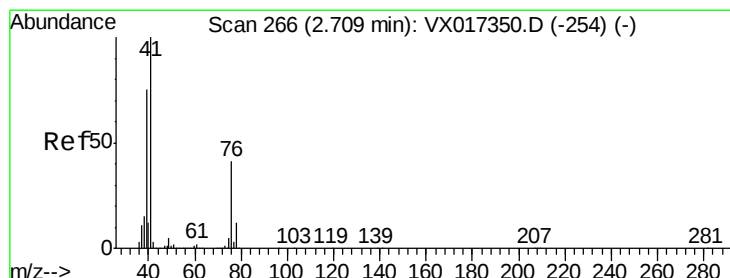
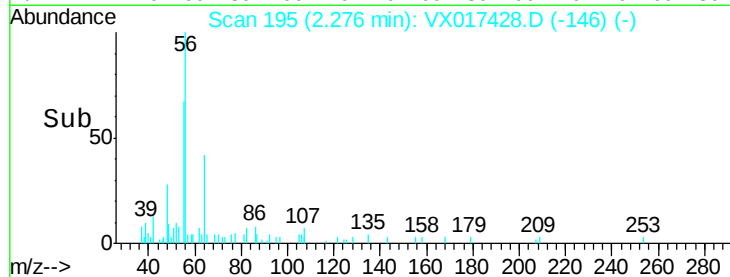
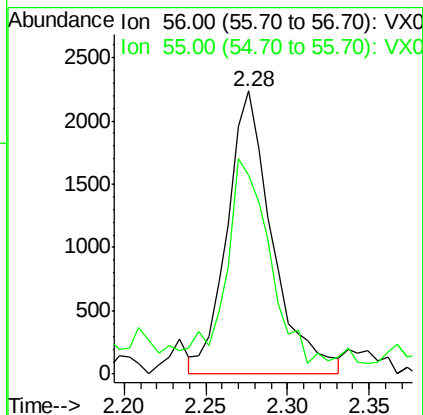
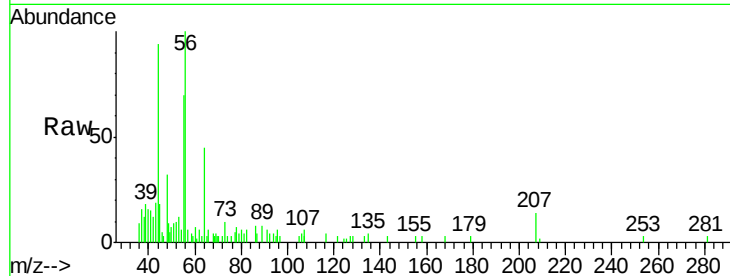
55 75.8 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 30.159 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

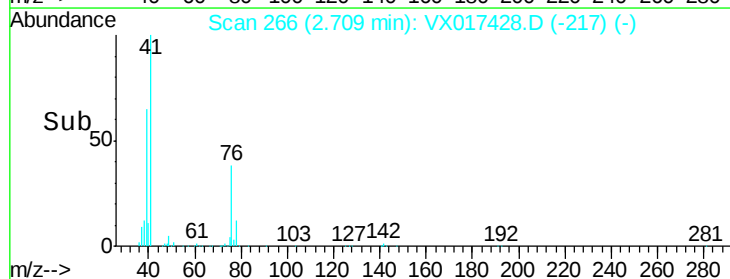
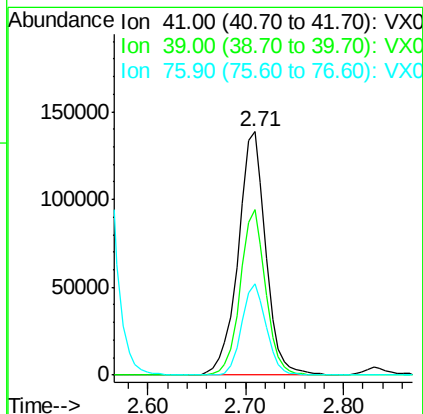
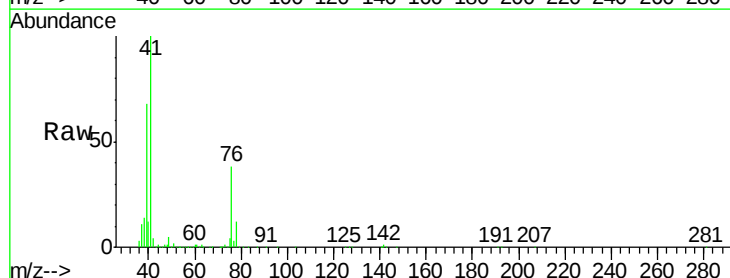
Tgt Ion: 41 Resp: 270646

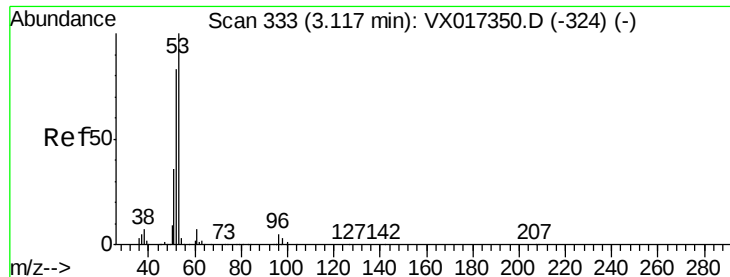
Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.4

76 33.5 28.2 42.2





#15

Acrylonitrile

Concen: 150.870 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

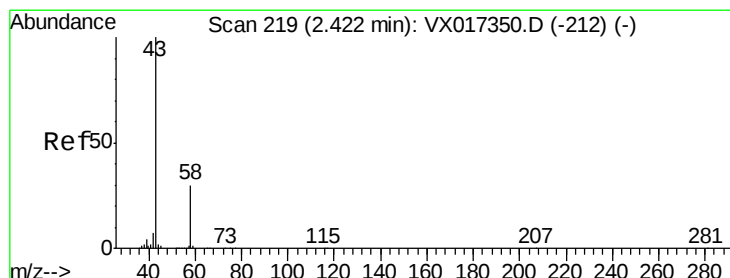
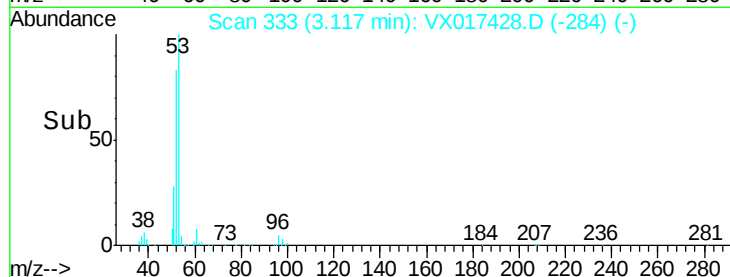
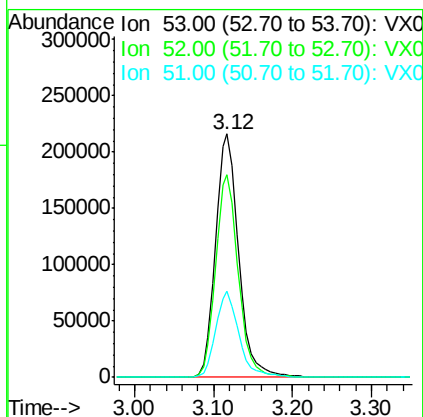
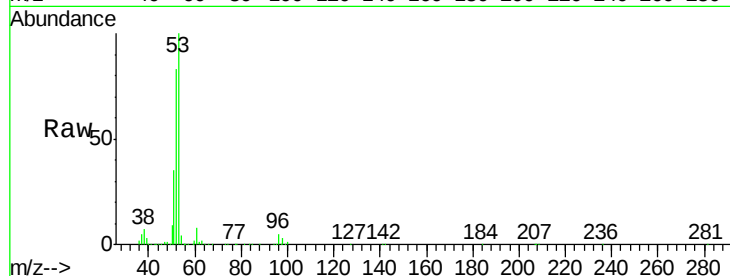
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	440136
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.8	98.6
51	35.4	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 145.270 ug/l

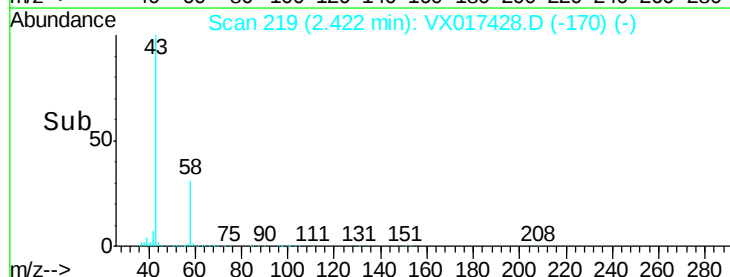
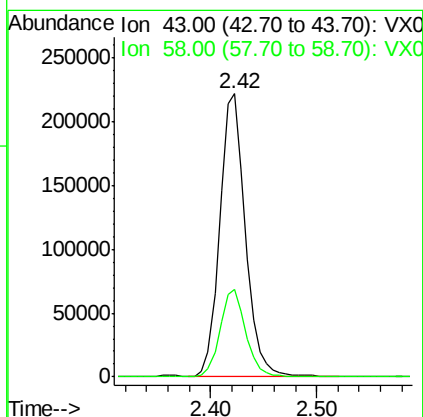
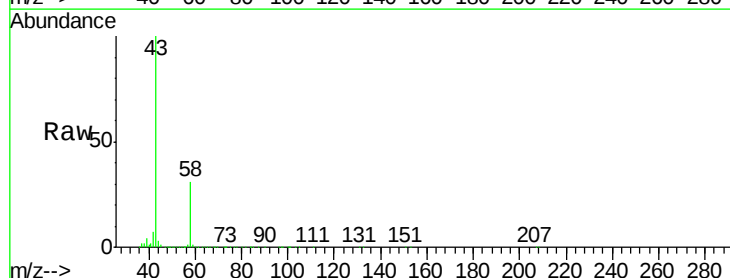
RT: 2.42 min Scan# 219

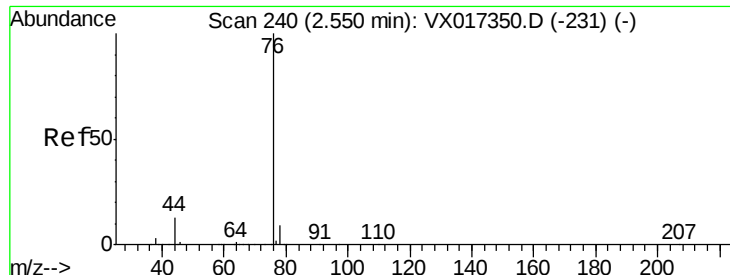
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion:	43	Resp:	370183
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.2	36.2





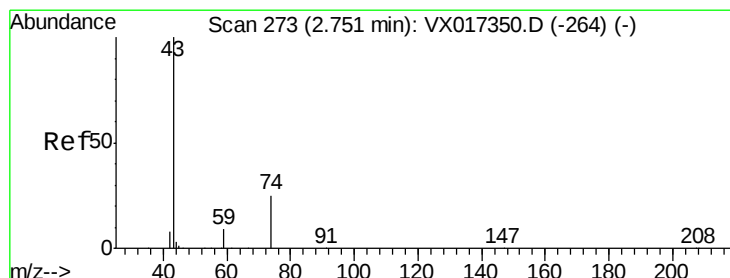
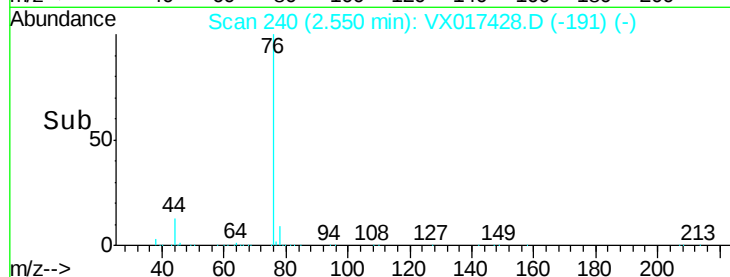
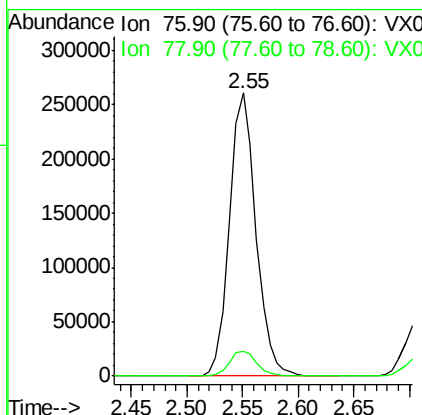
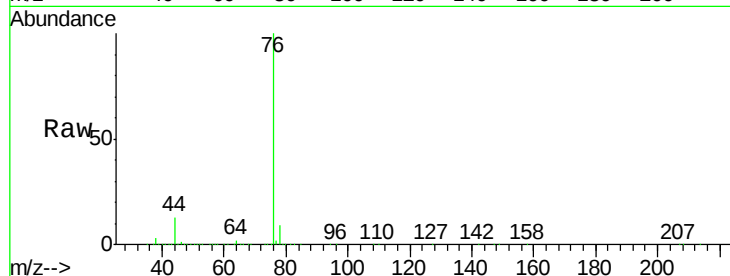
#17
Carbon Disulfide
Concen: 28.464 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

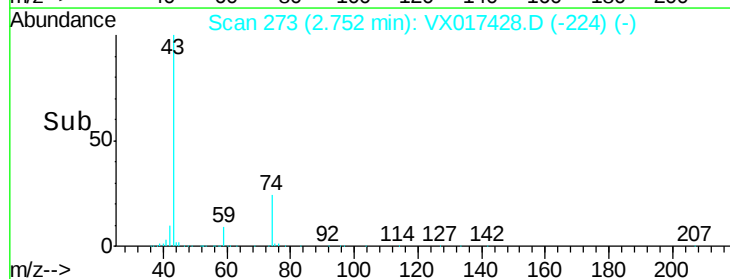
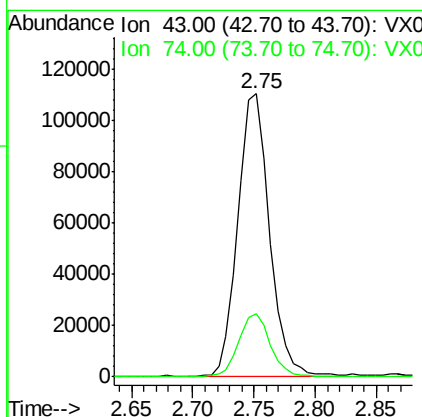
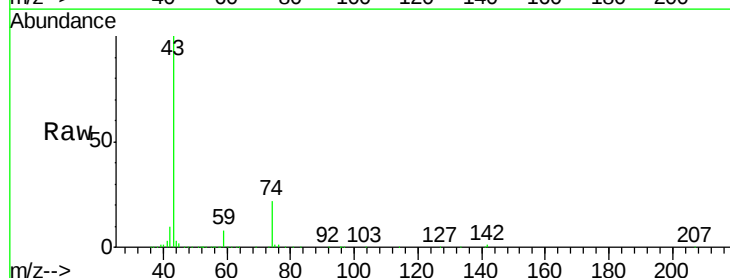
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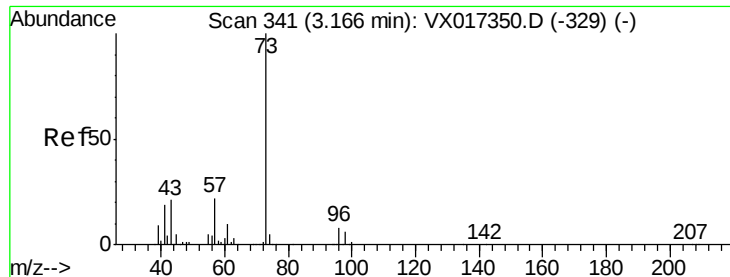
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#18
Methyl Acetate
Concen: 31.428 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.4	29.2





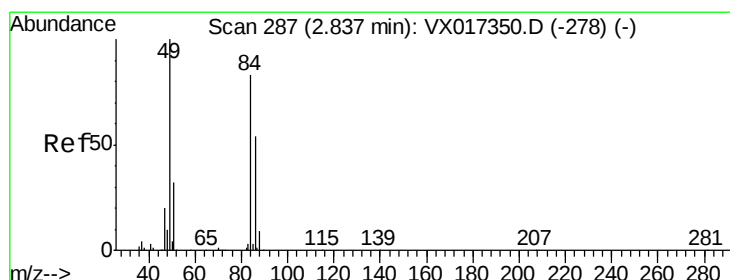
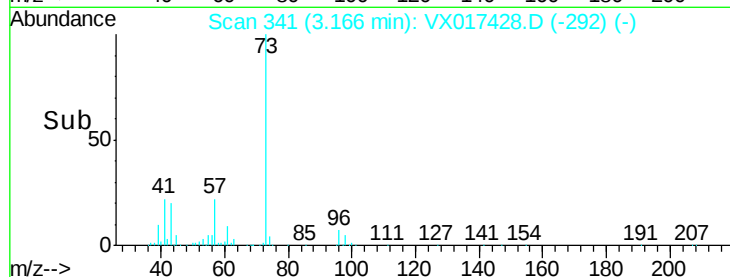
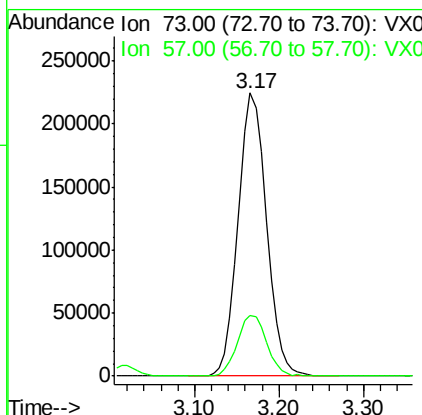
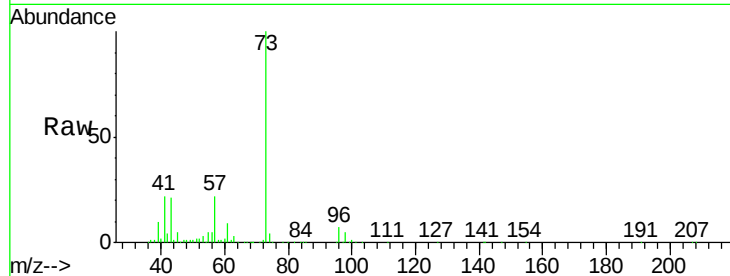
#19
Methyl tert-butyl Ether
Concen: 29.062 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 511077
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3

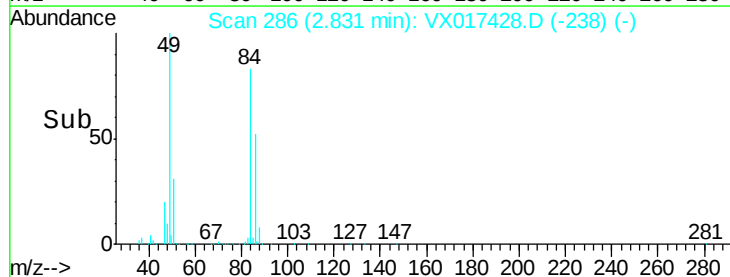
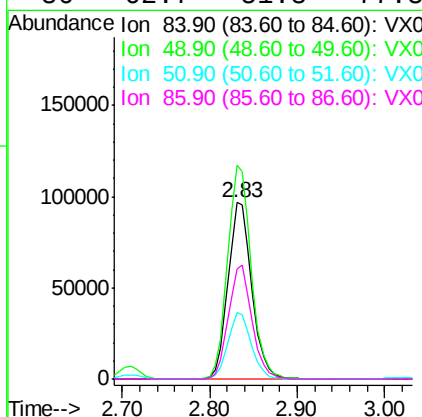
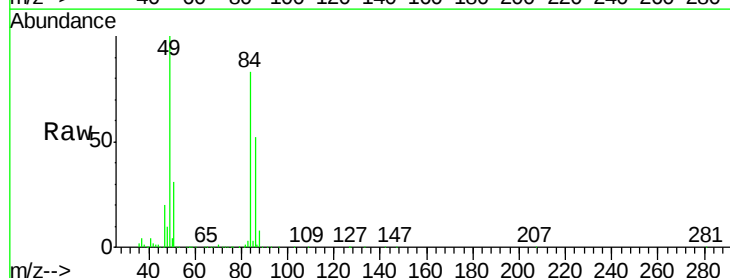
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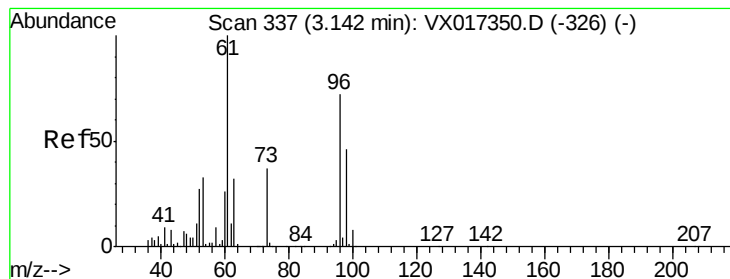
MMDadoda
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#20
Methylene Chloride
Concen: 29.368 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 84 Resp: 182593
Ion Ratio Lower Upper
84 100
49 120.9 95.8 143.8
51 37.6 31.0 46.4
86 62.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 28.353 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 168008

Ion Ratio Lower Upper

96 100

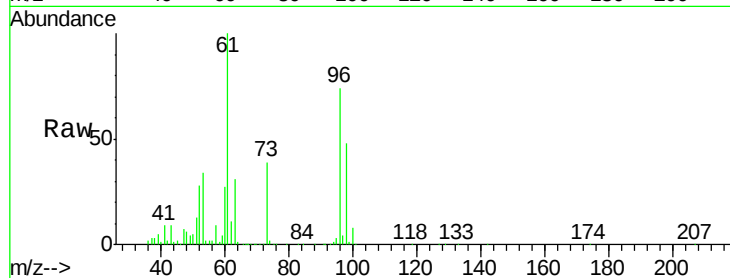
61 134.7 111.1 166.7

98 64.8 51.4 77.0

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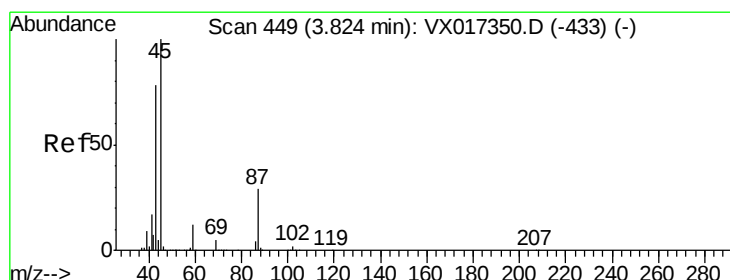
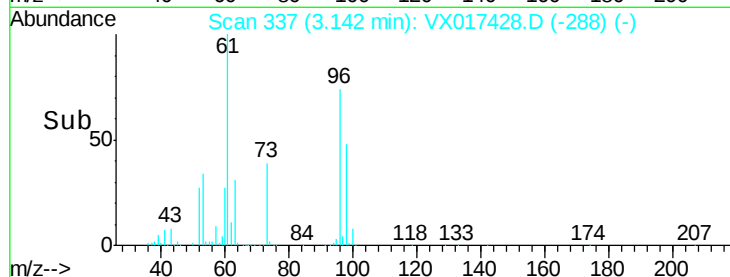
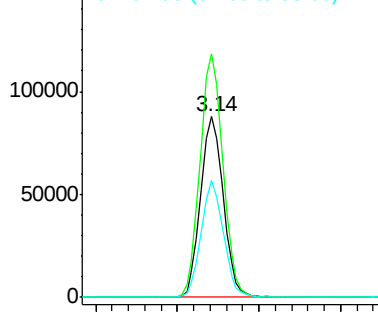


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 31.065 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion: 45 Resp: 531032

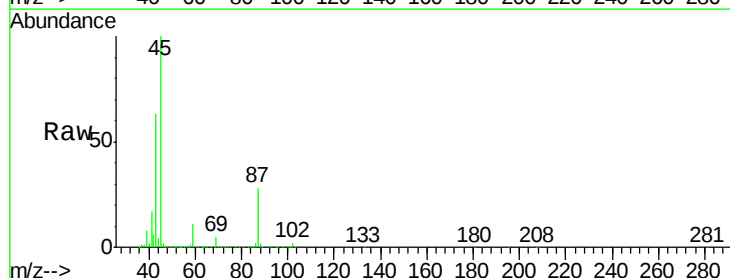
Ion Ratio Lower Upper

45 100

43 62.6 62.2 93.2

87 27.8 23.0 34.6

59 11.2 9.6 14.4



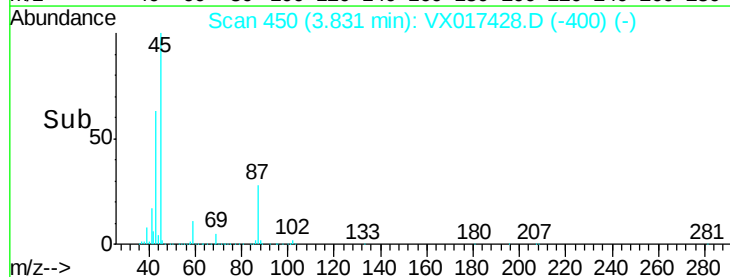
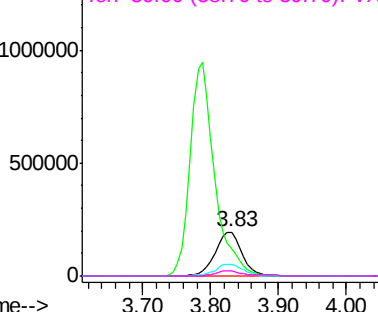
Abundance

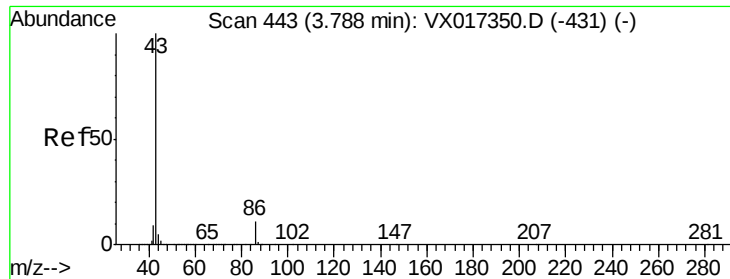
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





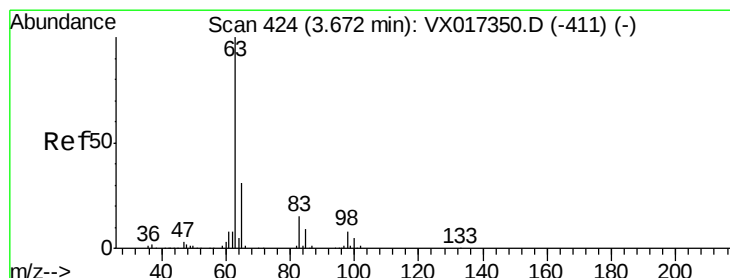
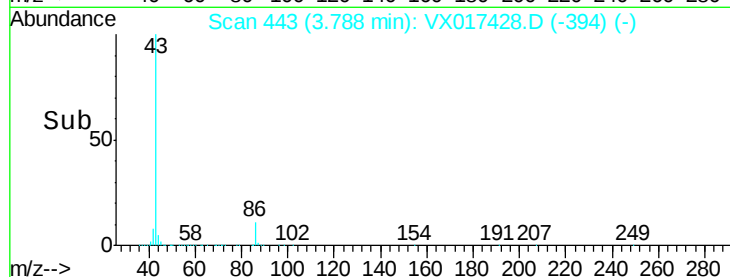
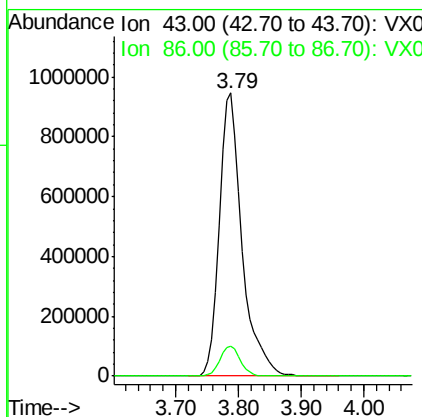
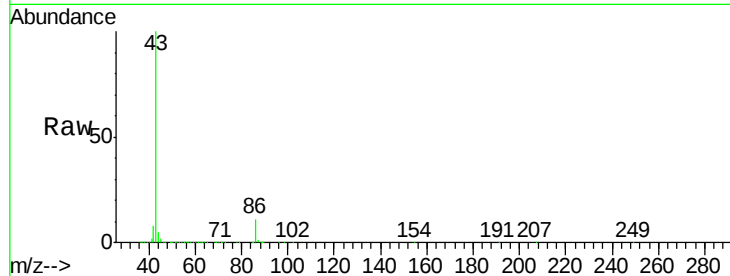
#23
 Vinyl Acetate
 Concen: 157.409 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2366461
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.4

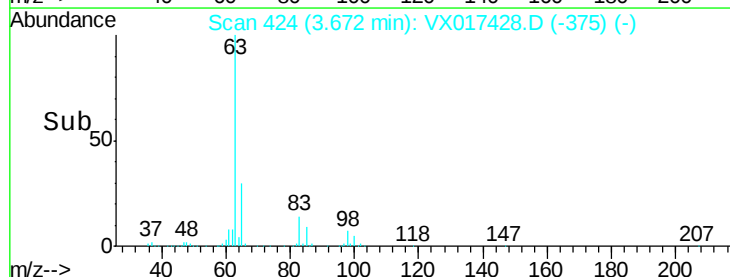
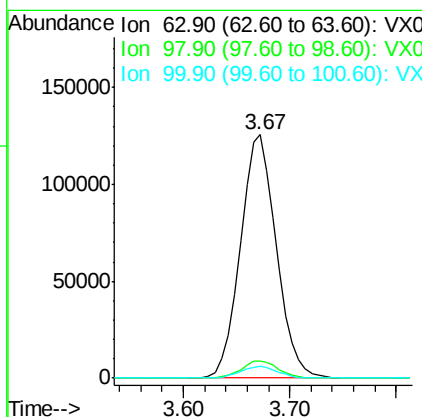
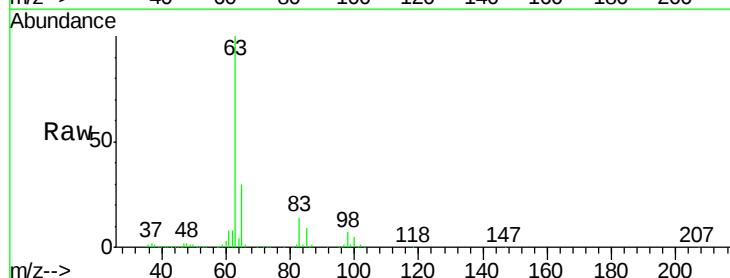
Manual Integrations
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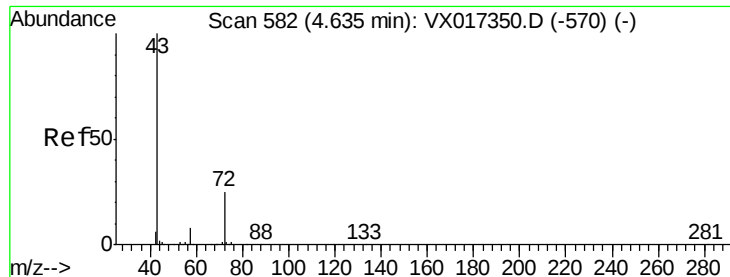
MMDadoda
 7/20/2020 11:50:24 AM



#24
 1,1-Dichloroethane
 Concen: 29.594 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion: 63 Resp: 297310
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.9 2.5 7.5





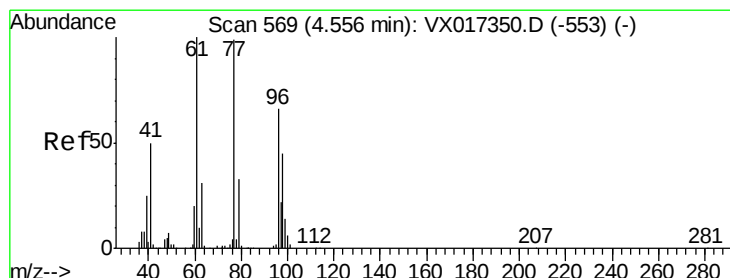
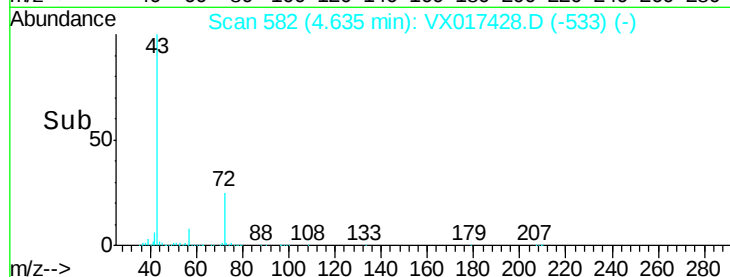
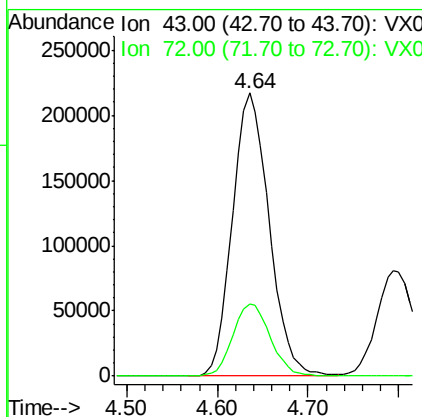
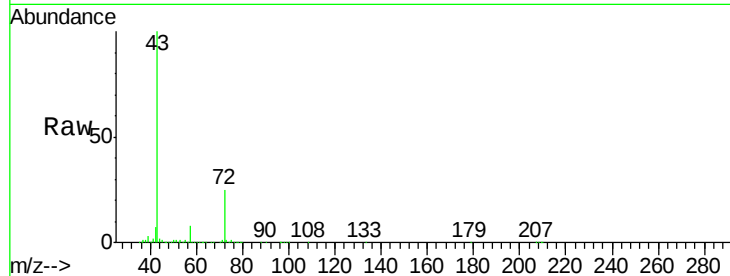
#25
 2-Butanone
 Concen: 149.874 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 606595
 Ion Ratio Lower Upper
 43 100
 72 25.2 20.4 30.6

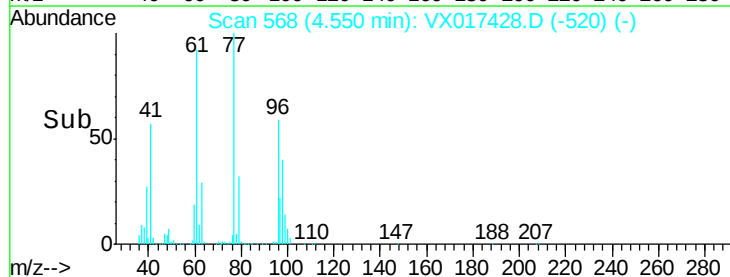
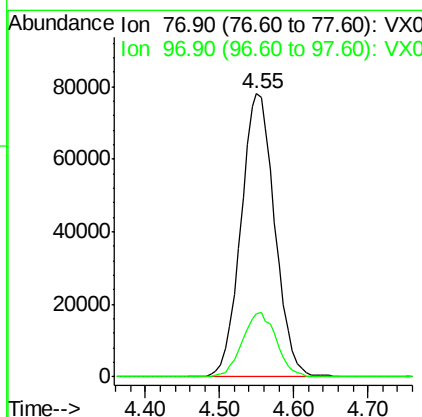
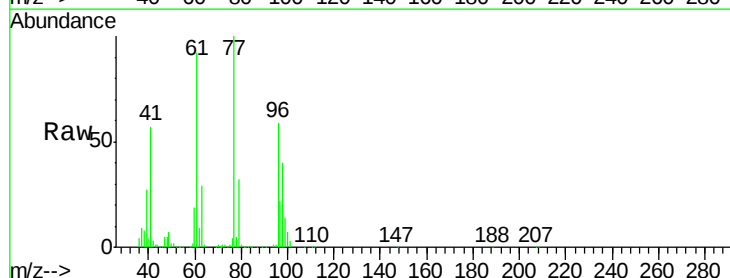
Manual Integrations
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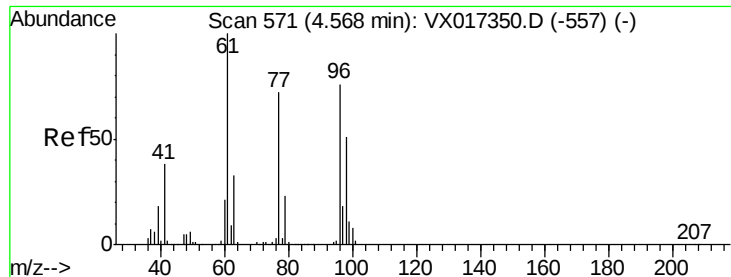
MMDadoda
 7/20/2020 11:50:24 AM



#26
 2,2-Dichloropropane
 Concen: 26.544 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion: 77 Resp: 248182
 Ion Ratio Lower Upper
 77 100
 97 23.0 11.1 33.3





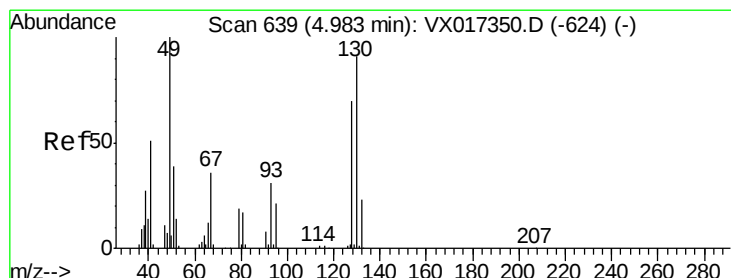
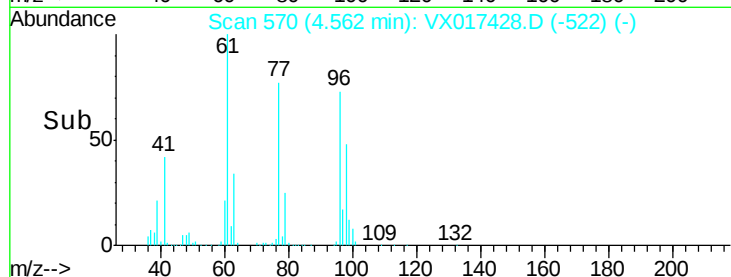
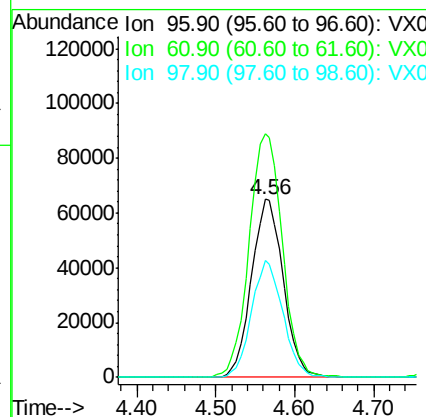
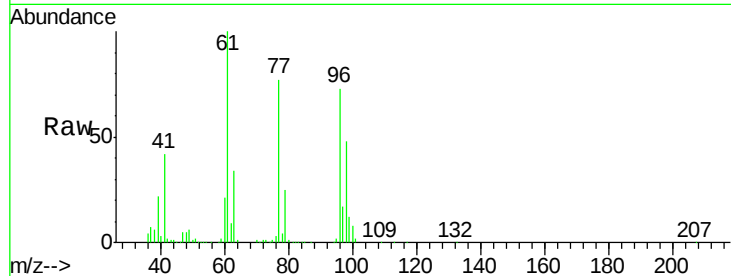
#27
 cis-1,2-Dichloroethene
 Concen: 28.054 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	182294		
61	142.7	0.0	281.2	
98	64.6	0.0	131.4	

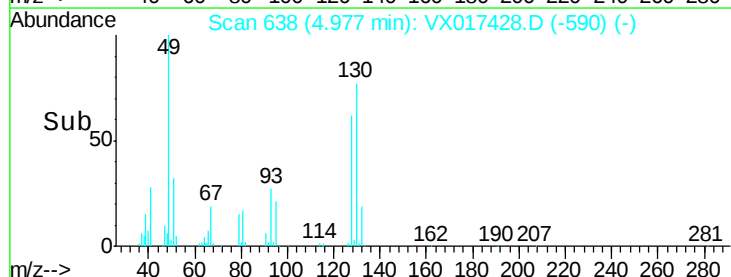
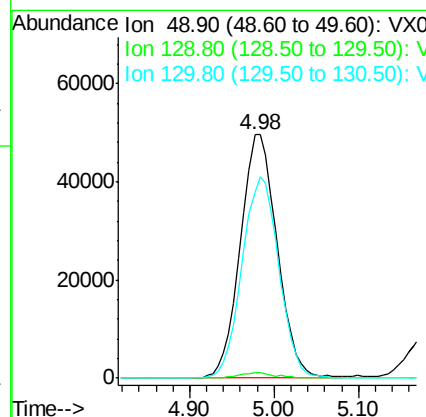
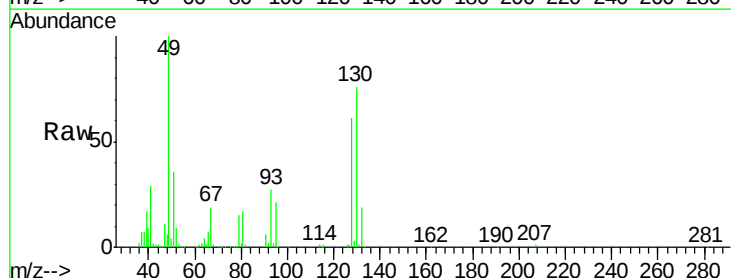
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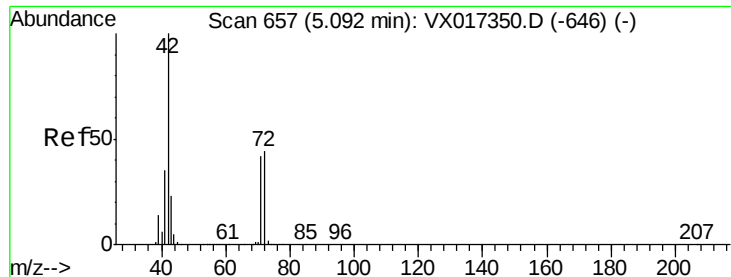
MMDadoda
 7/20/2020 11:50:24 AM



#28
 Bromochloromethane
 Concen: 31.708 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	147153		
129	2.2	0.0	4.8	
130	82.7	71.1	106.7	





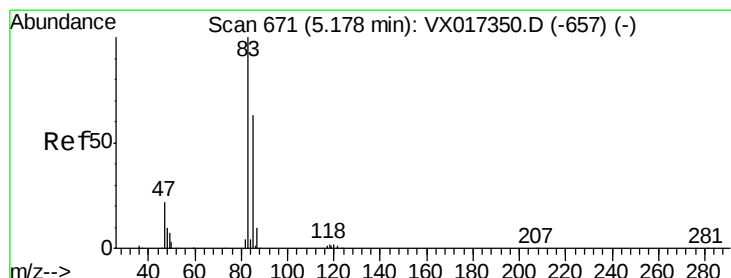
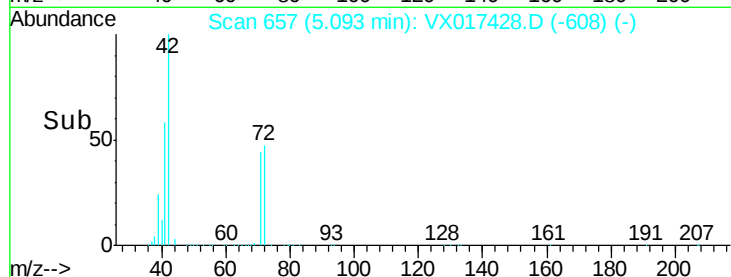
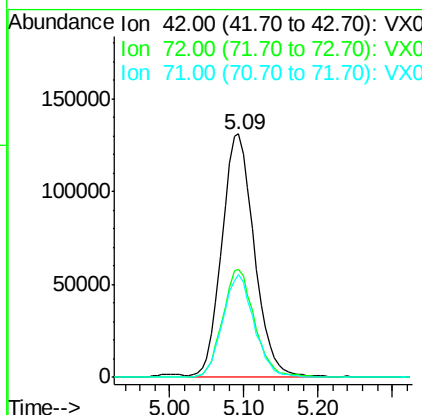
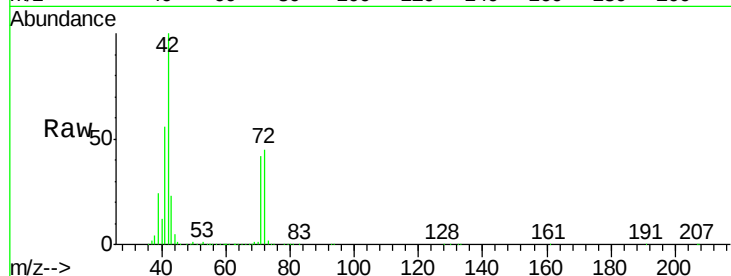
#29
Tetrahydrofuran
Concen: 151.709 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	37.2	55.8
71	40.9	34.4	51.6

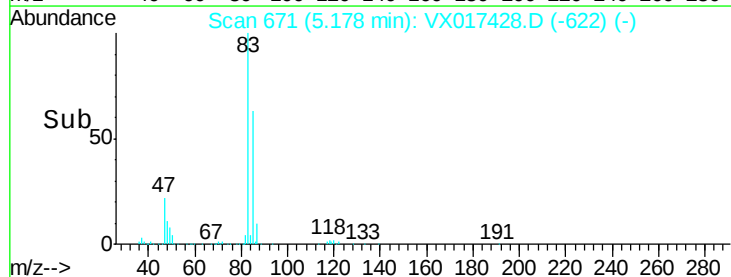
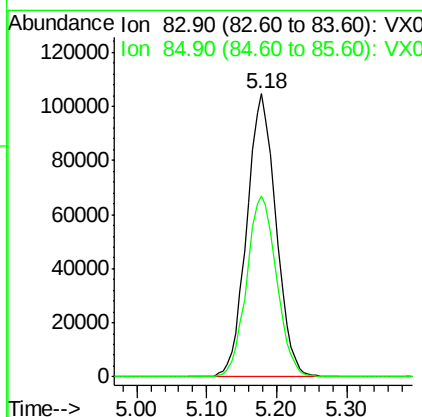
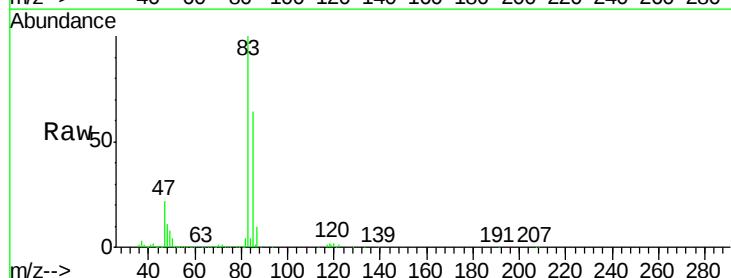
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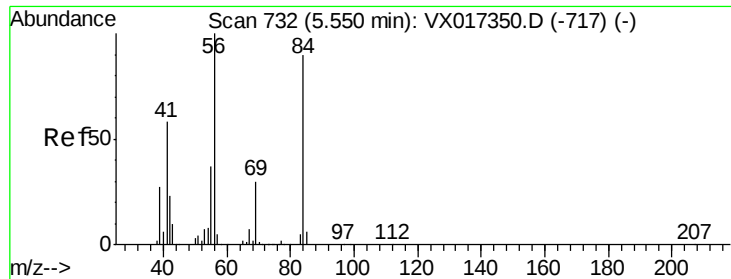
MMDadoda
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#30
Chloroform
Concen: 28.113 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.2	75.4





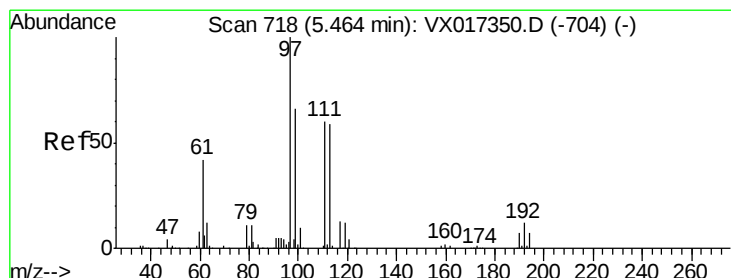
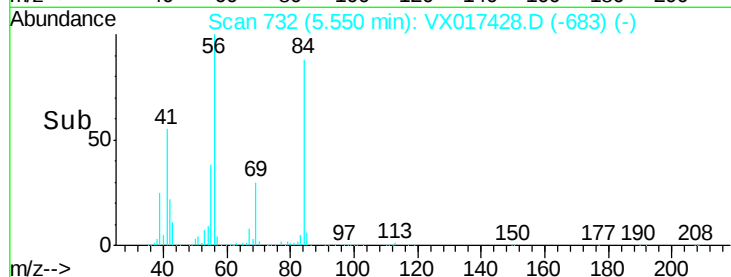
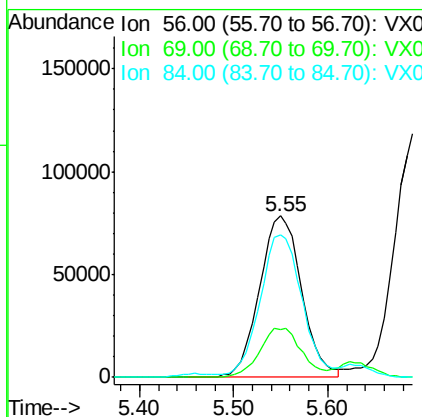
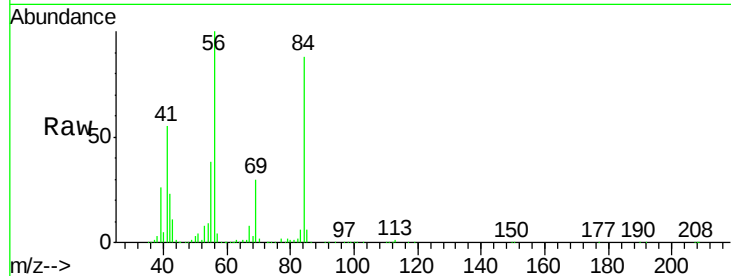
#31
Cyclohexane
Concen: 29.809 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.7	35.5
84	86.8	71.8	107.6

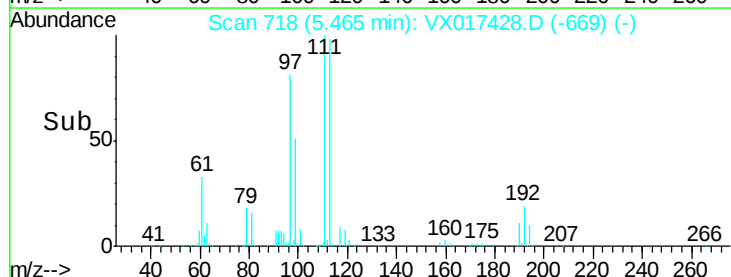
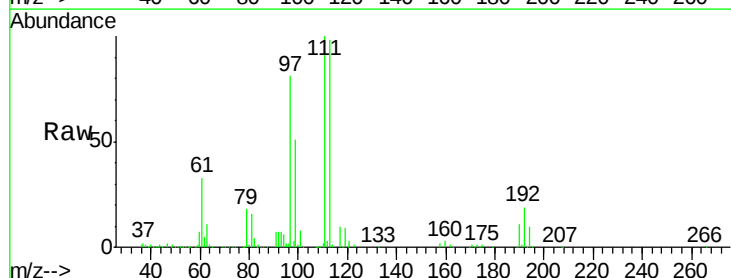
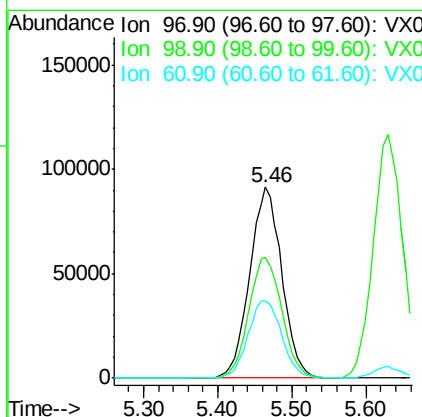
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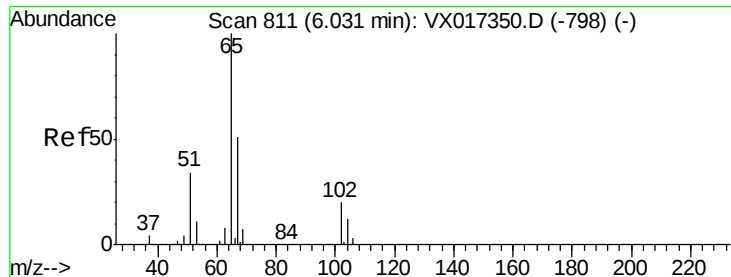
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#32
1,1,1-Trichloroethane
Concen: 27.583 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.2	76.8
61	42.7	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 51.015 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 364387

Ion Ratio Lower Upper

65 100

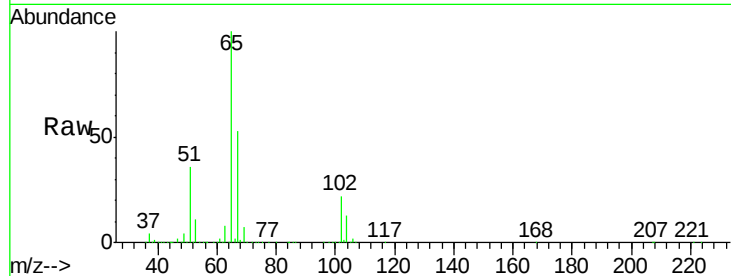
67 52.4 0.0 101.6

Manual Integrations

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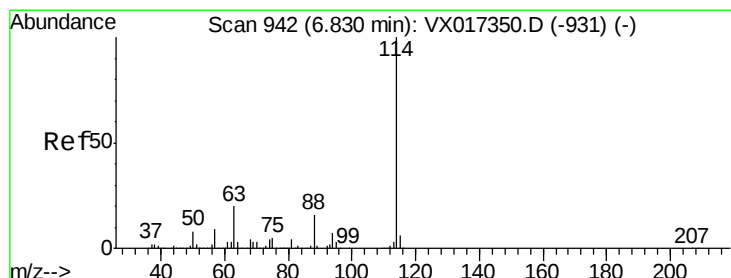
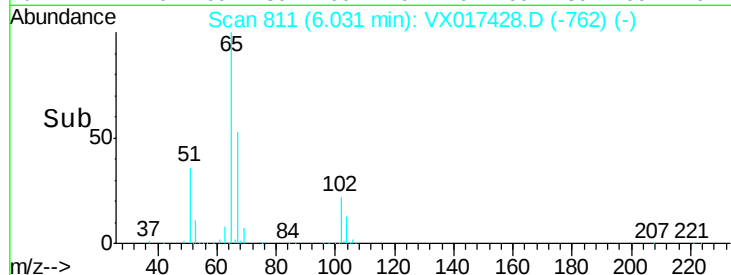
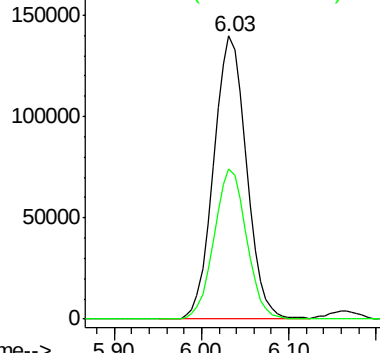
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

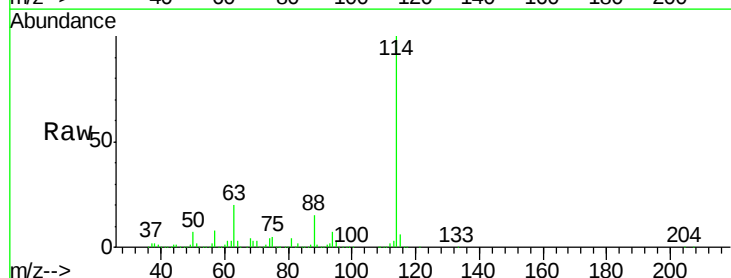
Tgt Ion: 114 Resp: 937514

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

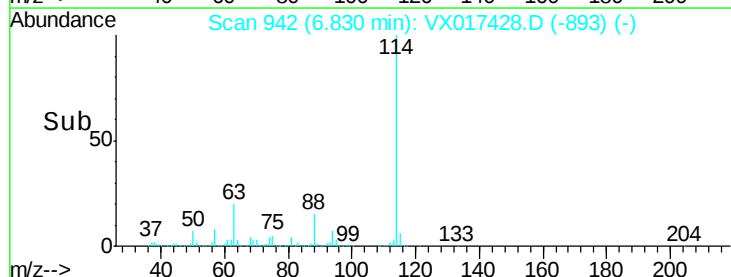
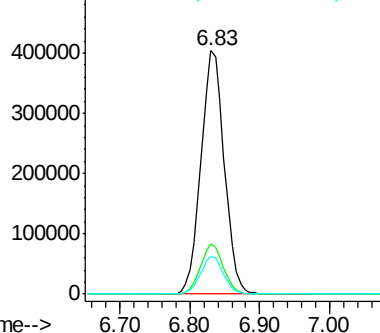
88 15.2 0.0 32.8

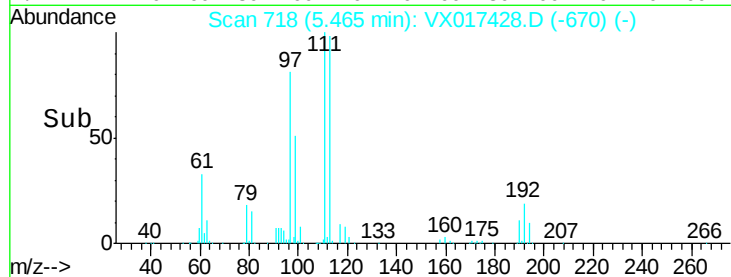
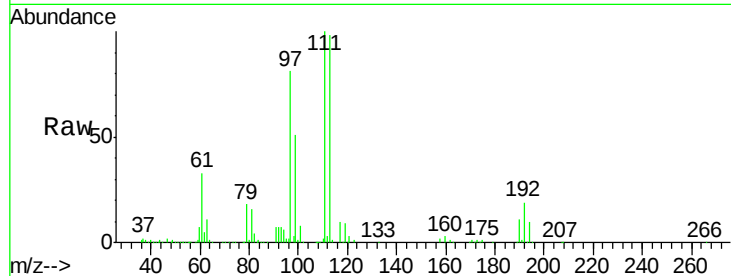
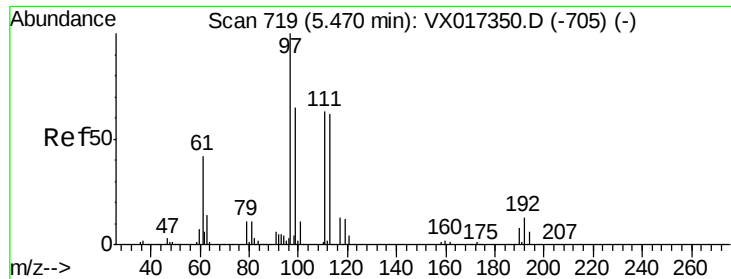


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.865 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017428.D

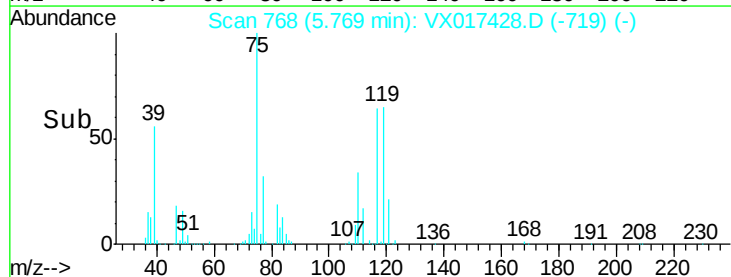
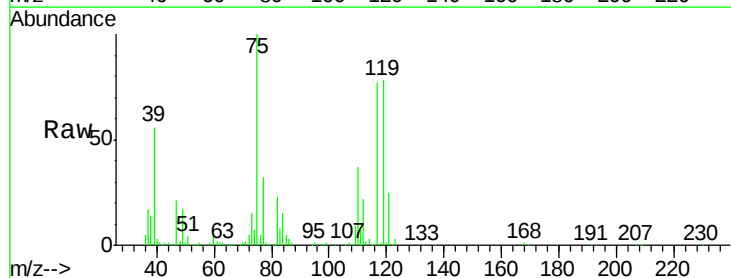
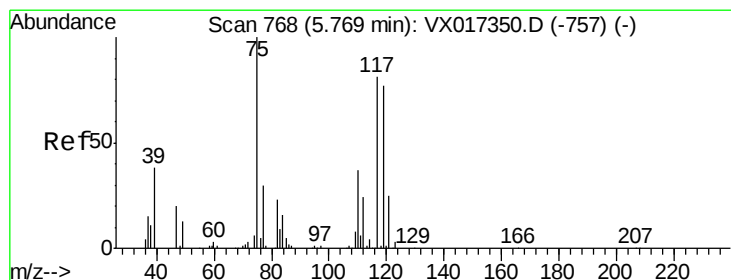
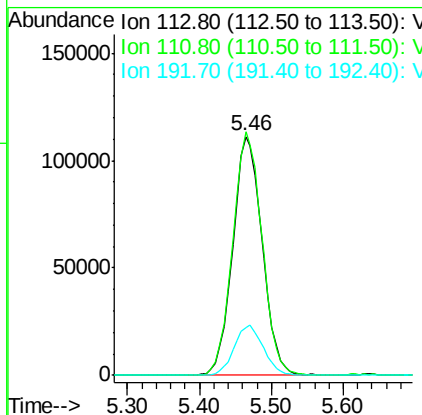
Acq: 17 Jul 2020 18:27

Tgt Ion:	113	Resp:	314910
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.4	123.6
192	20.8	17.2	25.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 26.001 ug/l

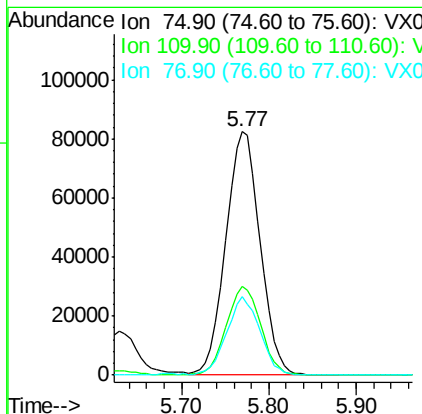
RT: 5.77 min Scan# 768

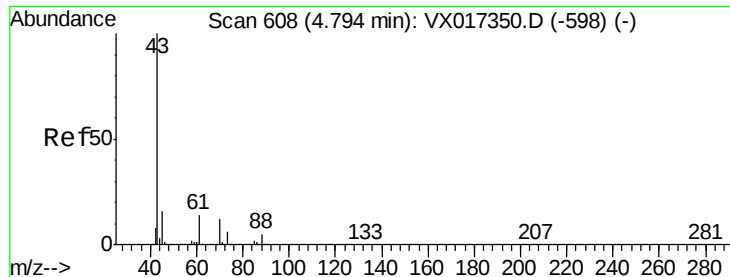
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion:	75	Resp:	224221
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.6	55.8
77	31.2	24.9	37.3





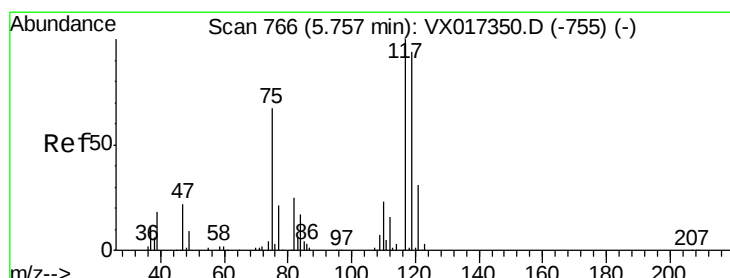
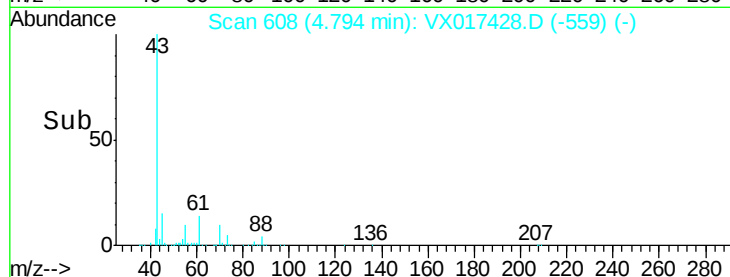
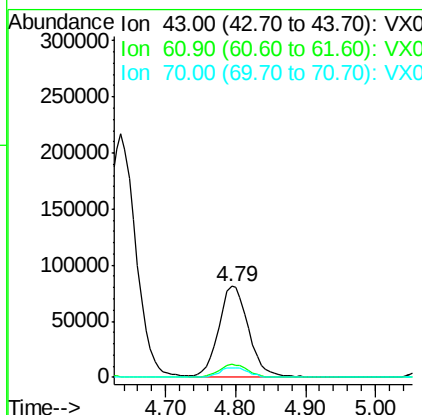
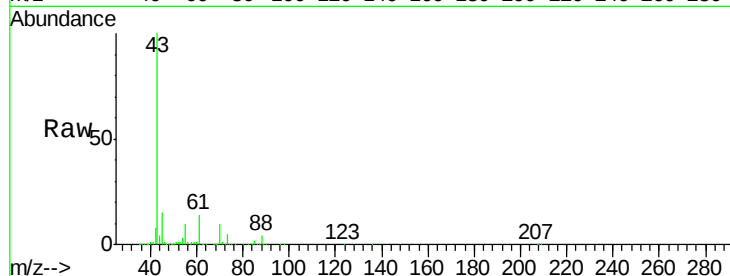
#37
Ethyl Acetate
Concen: 26.872 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.8	9.0	13.6

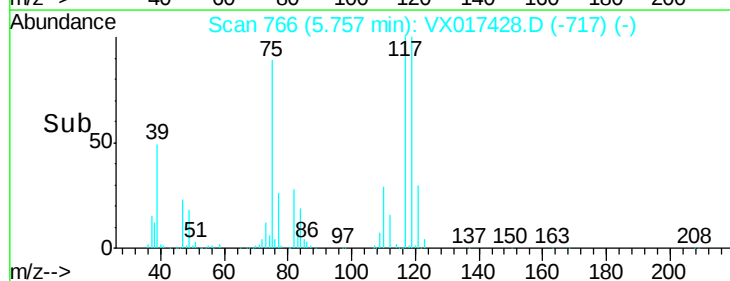
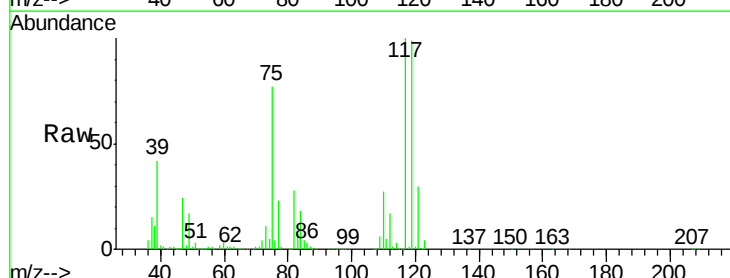
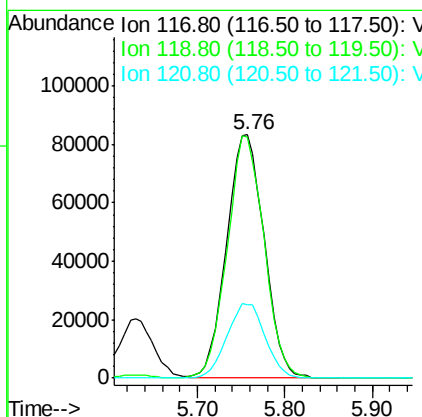
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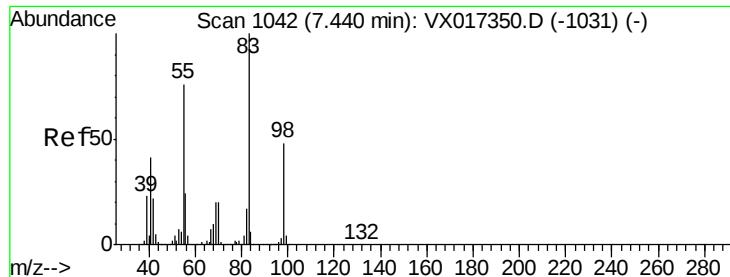
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#38
Carbon Tetrachloride
Concen: 24.634 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	74.7	112.1
121	30.2	24.5	36.7





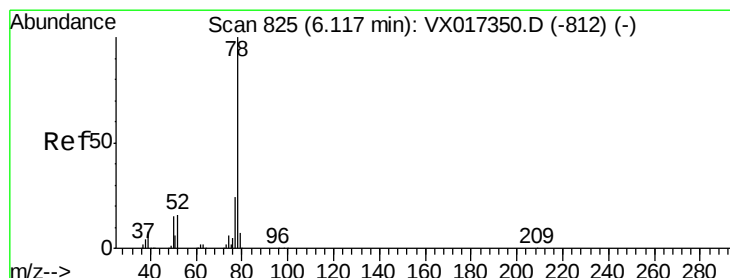
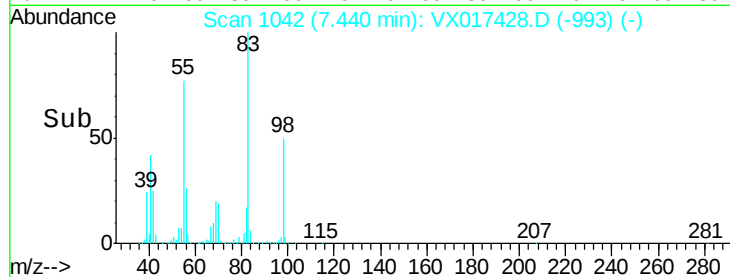
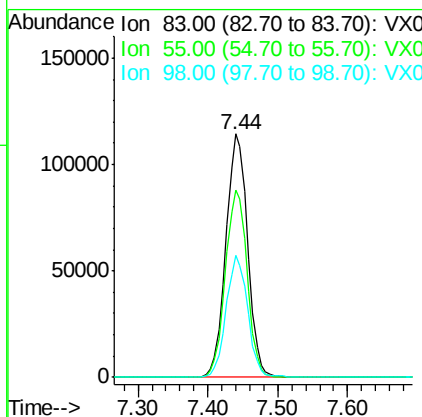
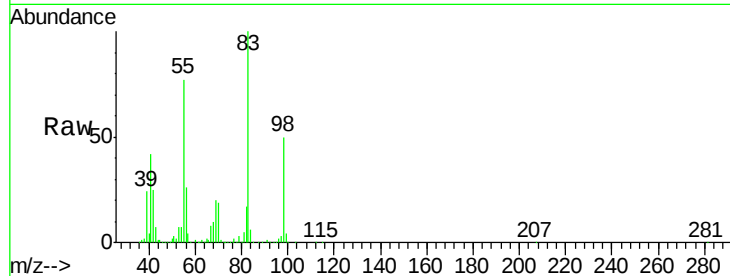
#39
Methylcyclohexane
Concen: 26.418 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.2	91.8
98	49.9	38.1	57.1

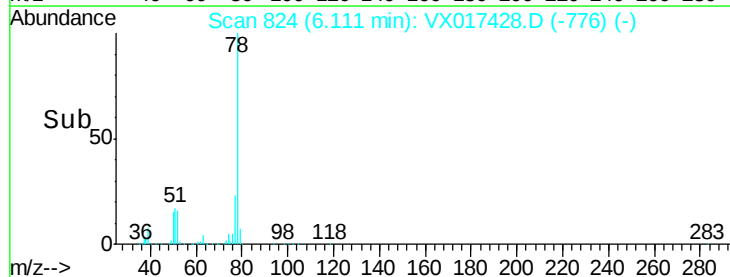
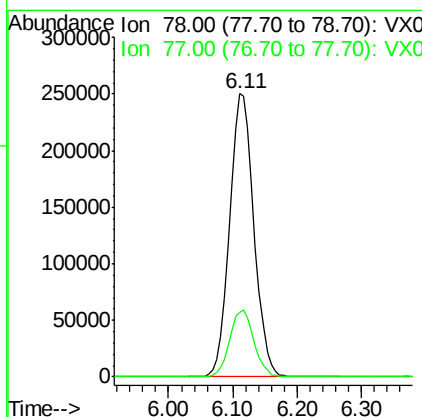
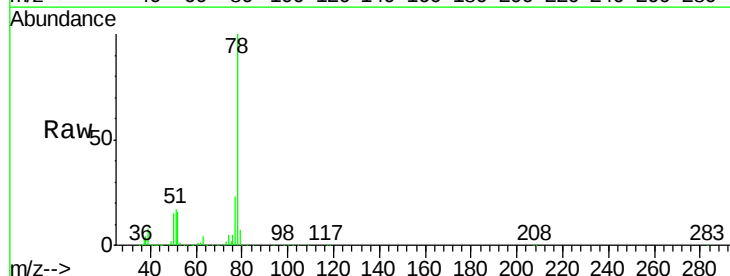
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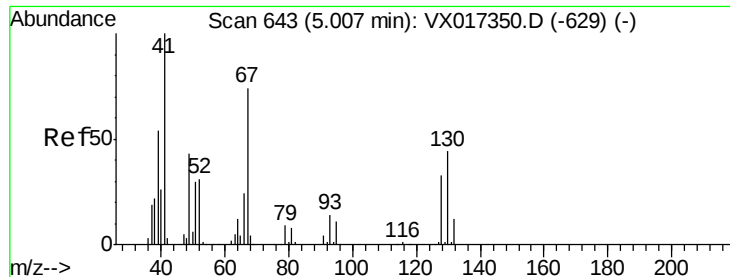
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#40
Benzene
Concen: 26.682 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





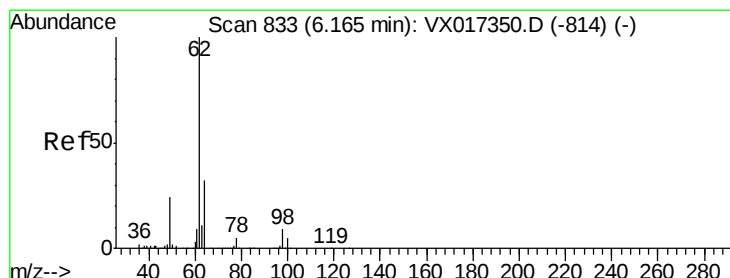
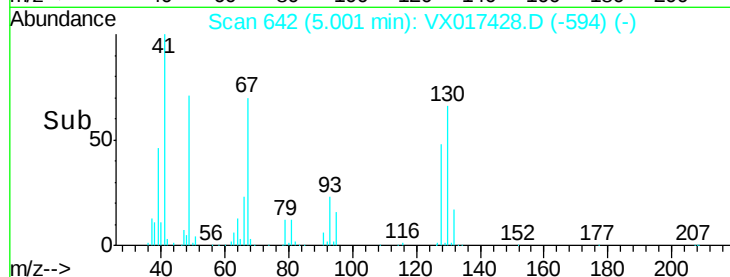
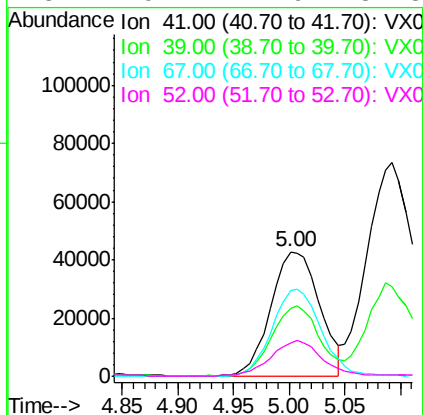
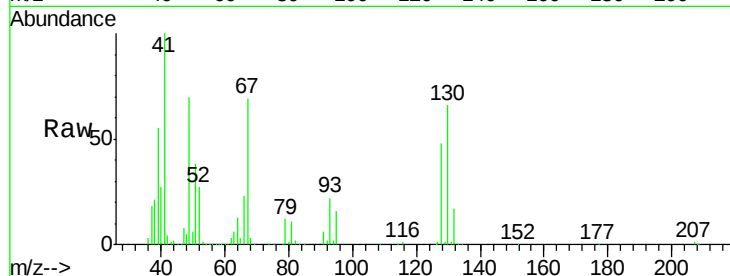
#41
Methacrylonitrile
Concen: 27.230 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.8	65.8
67	70.8	58.7	88.1
52	29.2	24.9	37.3

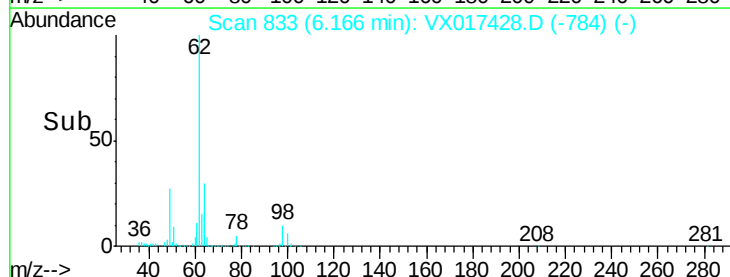
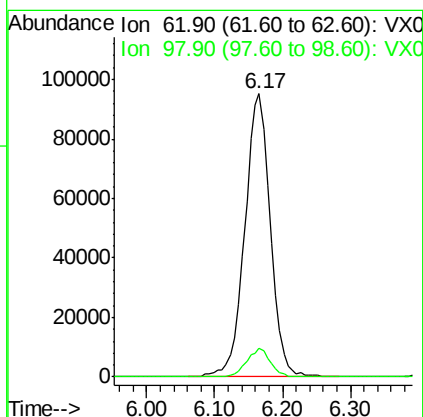
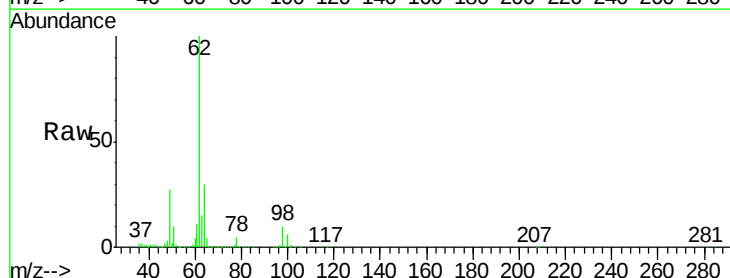
Manual Integrations
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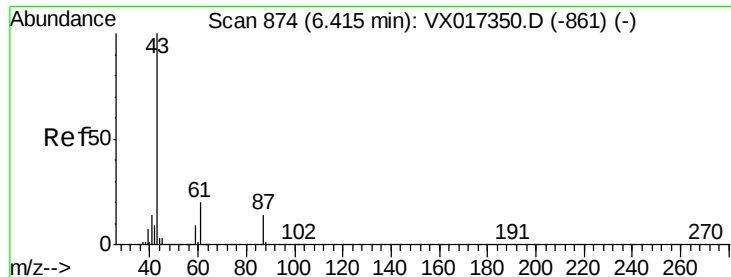
MMDadoda
7/20/2020 11:50:24 AM



#42
1,2-Dichloroethane
Concen: 25.576 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 26.795 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

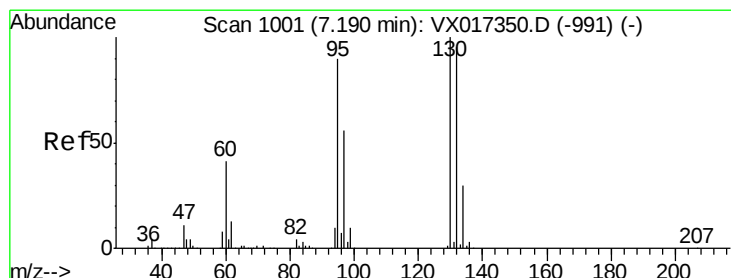
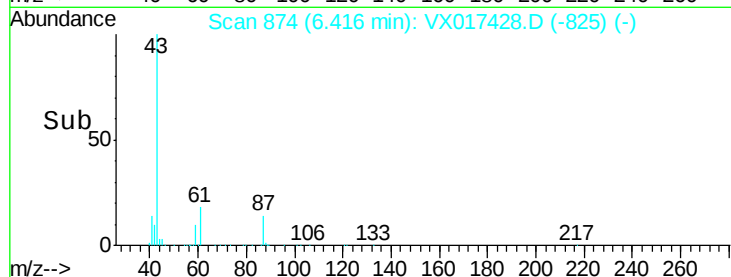
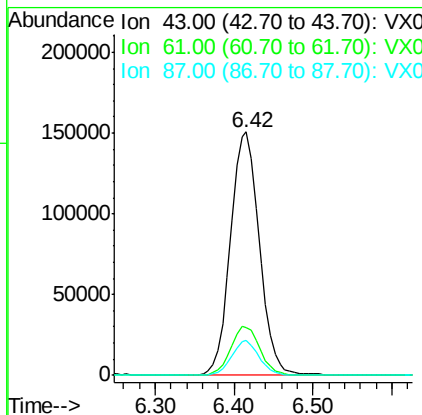
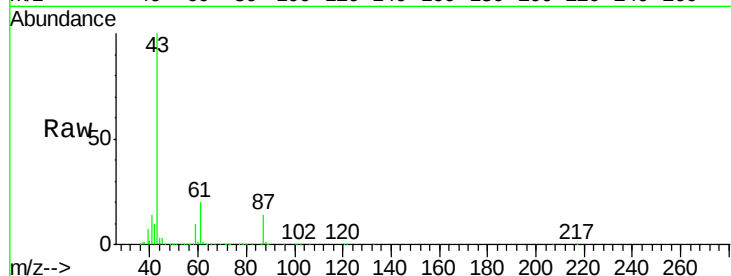
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	381834
Ion Ratio		Lower	Upper
43	100		
61	20.3	16.4	24.6
87	13.6	11.2	16.8

Manual Integrations
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7/20/2020 11:50:24 AM



#44

Trichloroethene

Concen: 24.056 ug/l

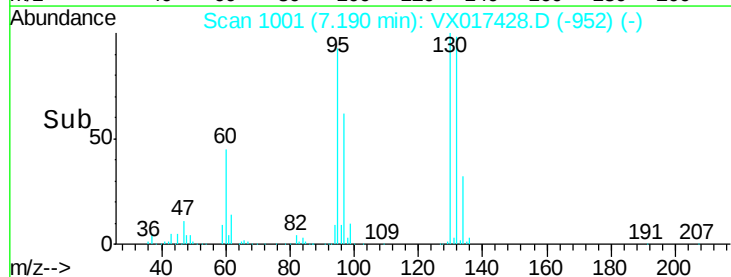
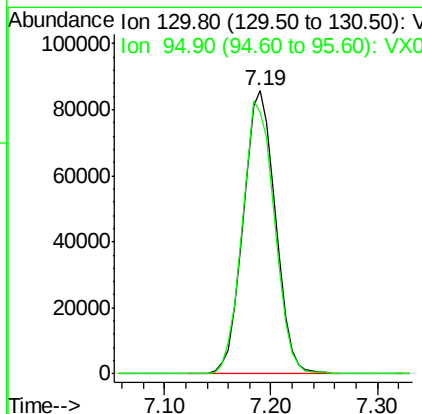
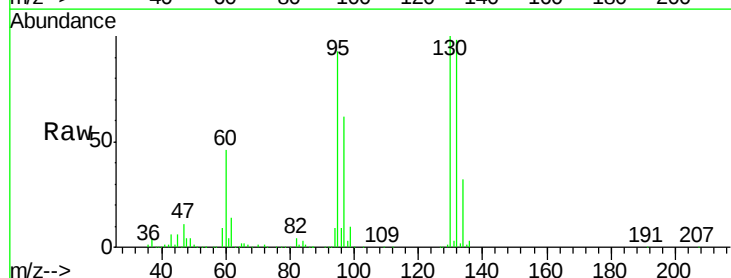
RT: 7.19 min Scan# 1001

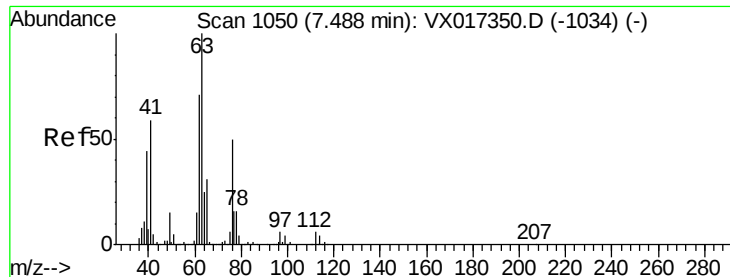
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion:	130	Resp:	182099
Ion Ratio		Lower	Upper
130	100		
95	92.5	0.0	180.2





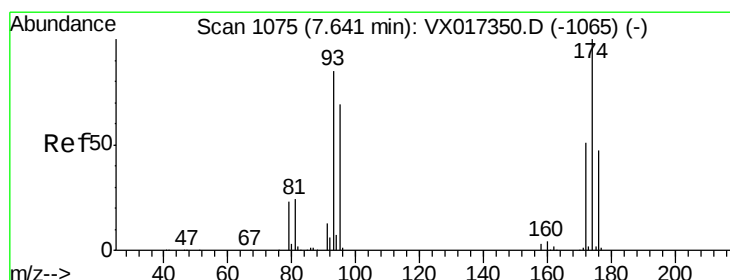
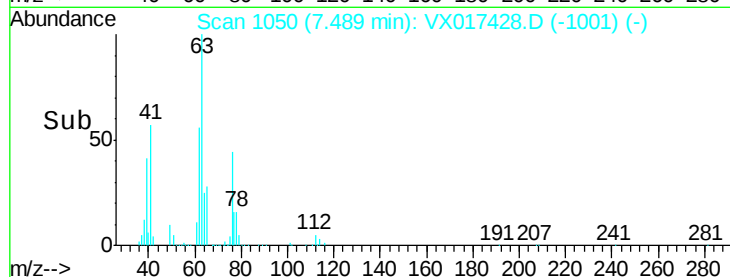
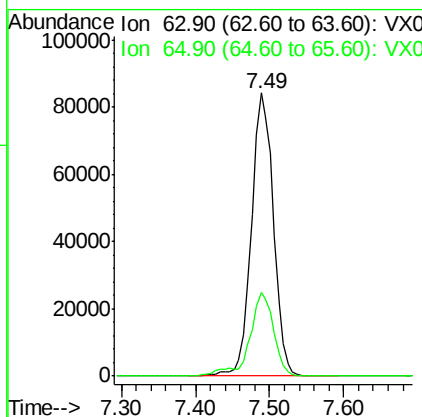
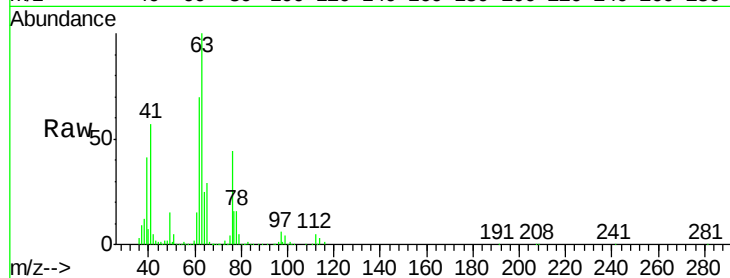
#45
 1,2-Dichloropropane
 Concen: 27.672 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 175477
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.5 36.7

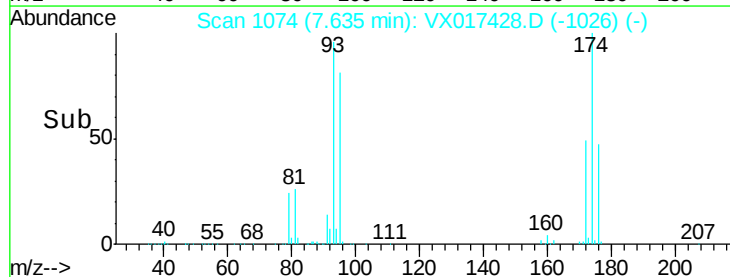
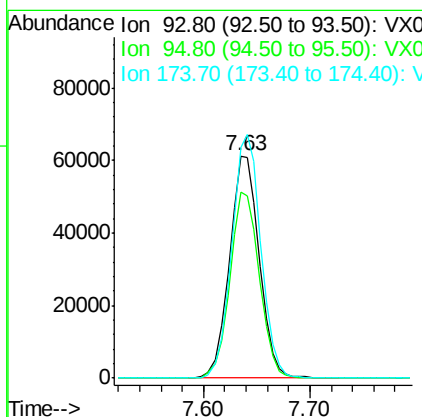
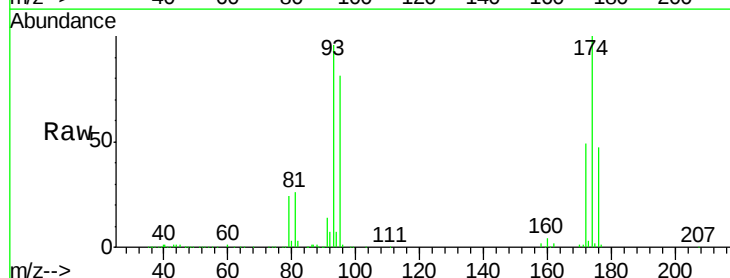
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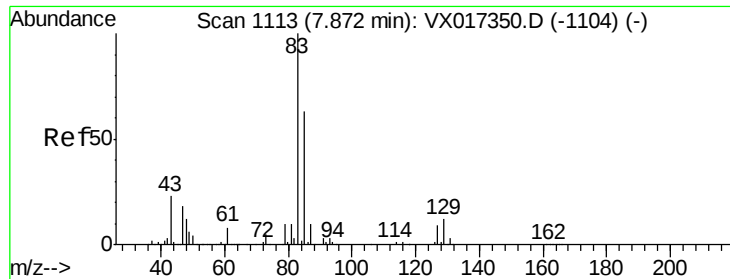
MMDadoda
 7/20/2020 11:50:24 AM



#46
 Dibromomethane
 Concen: 26.235 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion: 93 Resp: 119982
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.4 98.2
 174 107.4 91.2 136.8





#47

Bromodichloromethane

Concen: 26.248 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

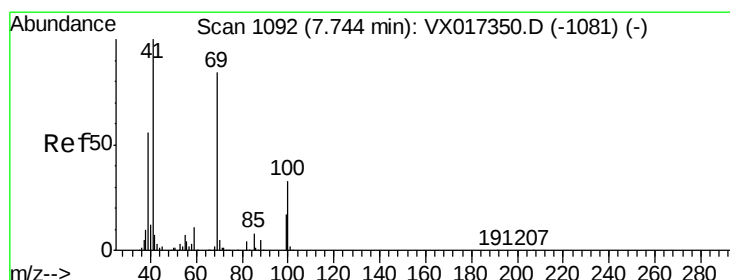
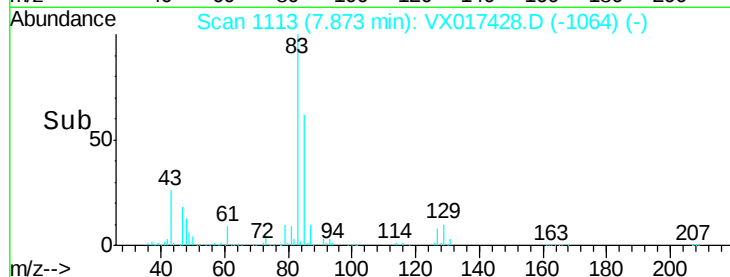
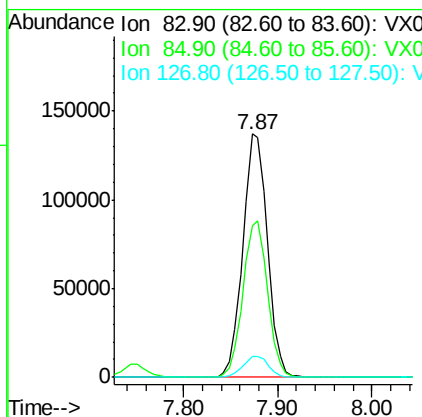
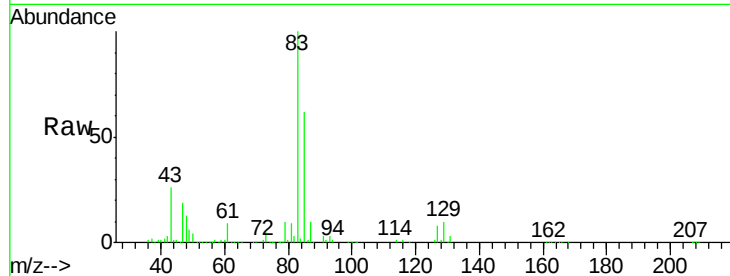
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	250964
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.2	75.4
127	8.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 28.103 ug/l

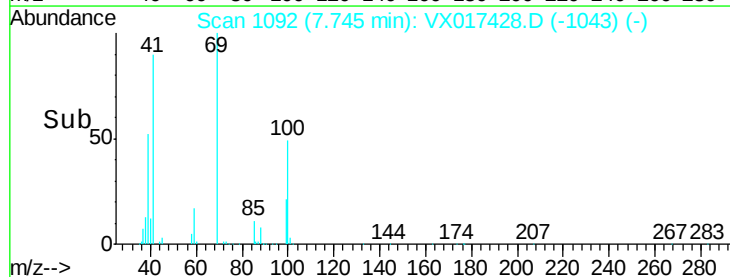
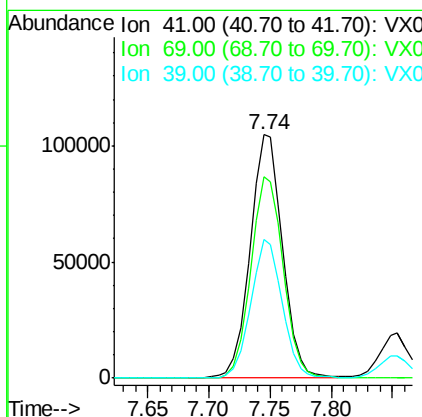
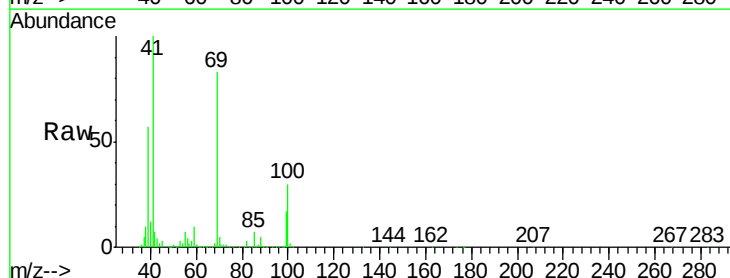
RT: 7.74 min Scan# 1092

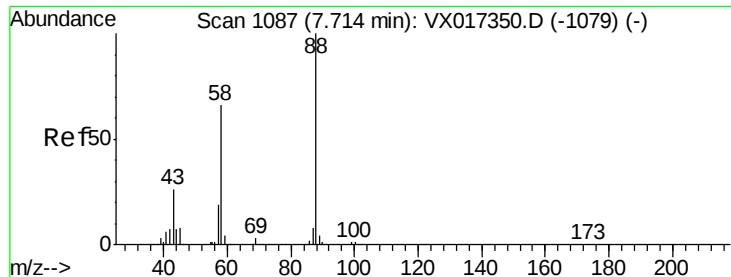
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion:	41	Resp:	192174
Ion	Ratio	Lower	Upper
41	100		
69	83.3	67.8	101.6
39	55.5	45.1	67.7





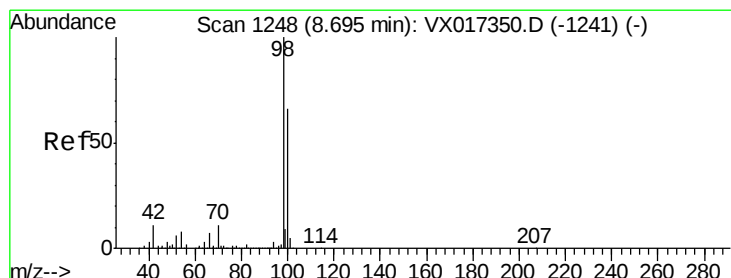
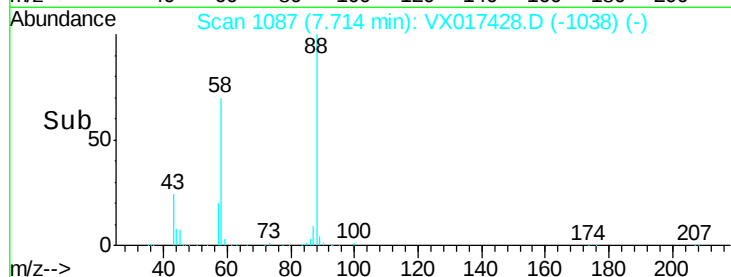
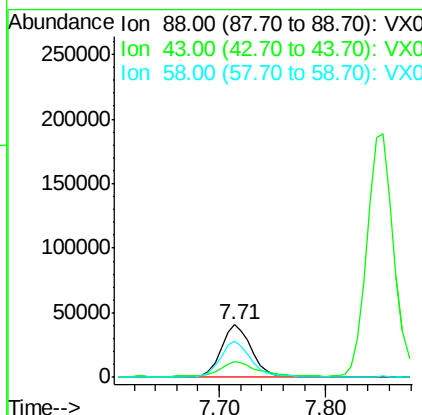
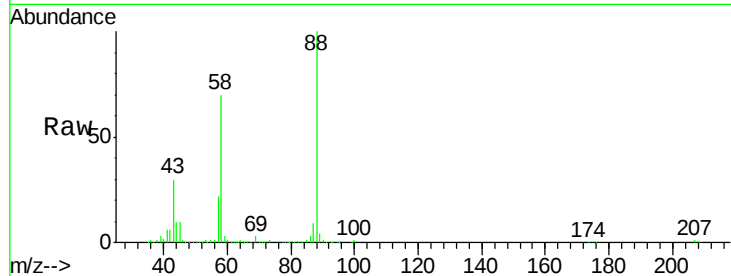
#49
1,4-Dioxane
Concen: 576.578 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.6	38.4
58	70.6	53.9	80.9

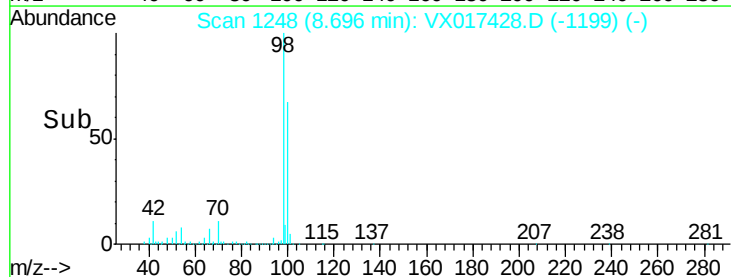
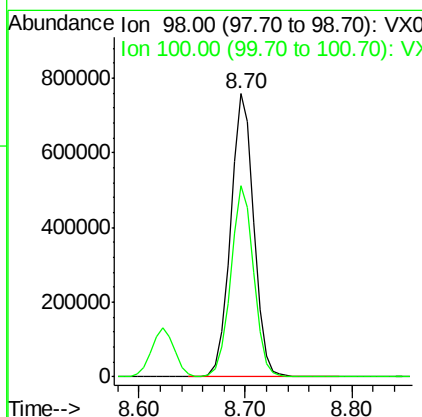
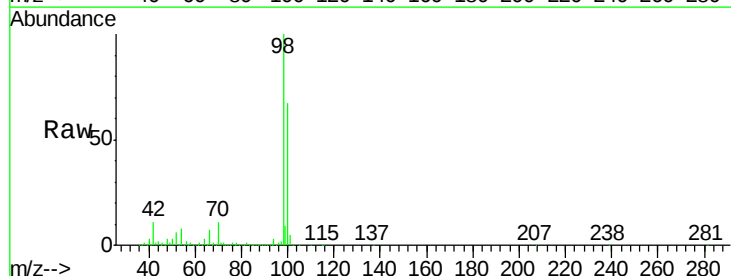
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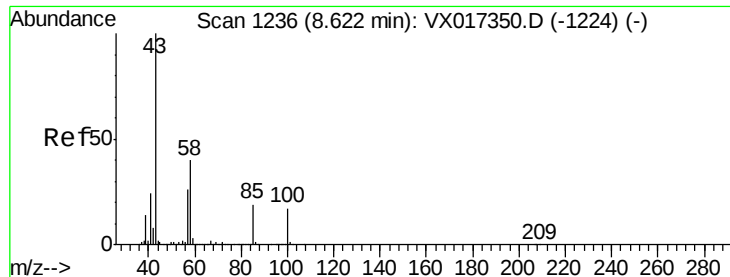
MMDadoda
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#50
Toluene-d8
Concen: 50.671 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2





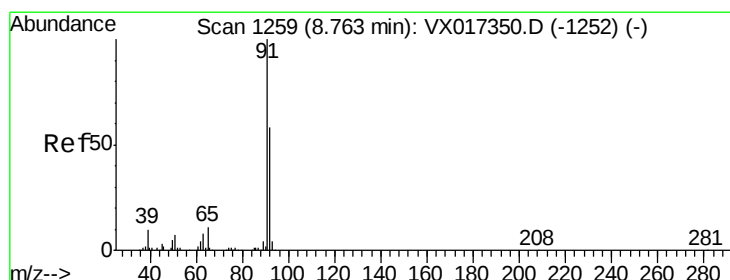
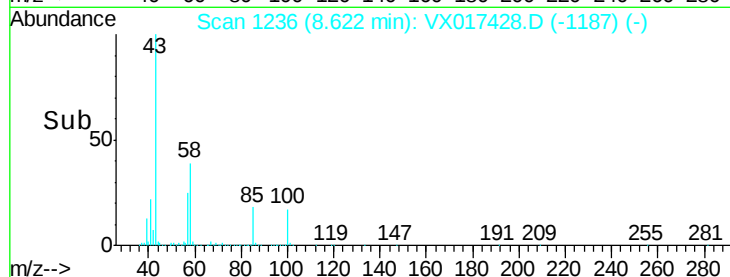
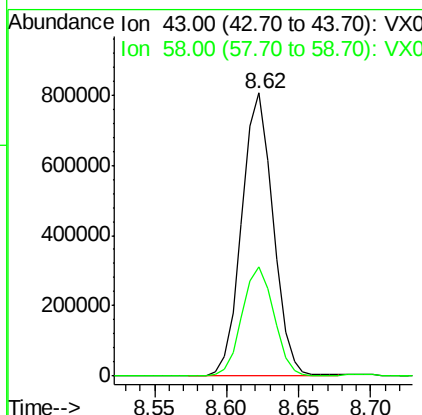
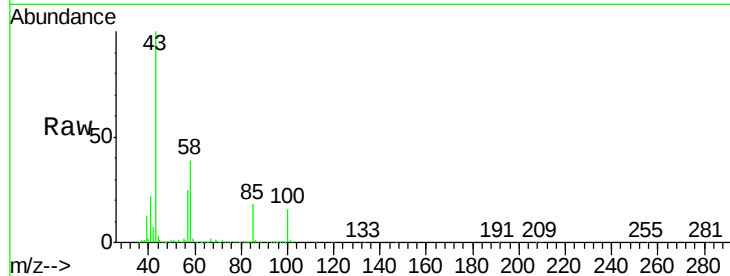
#51
4-Methyl-2-Pentanone
Concen: 140.146 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1217738
Ion Ratio Lower Upper
43 100
58 39.4 32.2 48.2

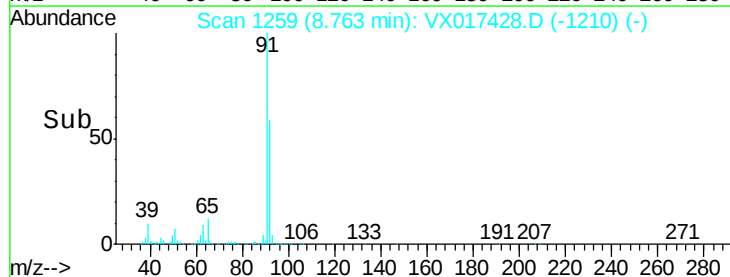
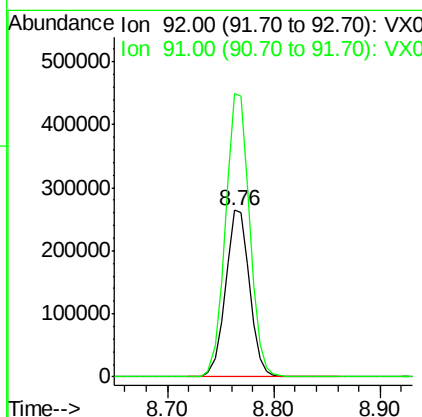
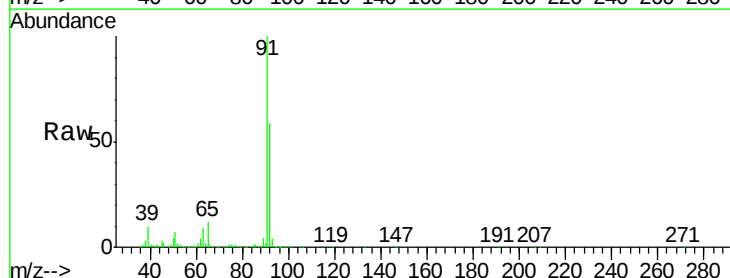
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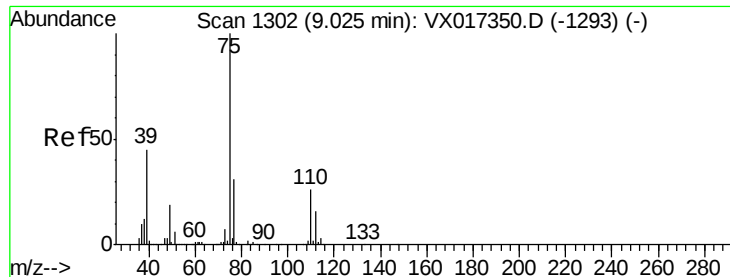
MMDadoda
7/20/2020 11:50:24 AM



#52
Toluene
Concen: 26.212 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 92 Resp: 416869
Ion Ratio Lower Upper
92 100
91 171.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 26.256 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 270457

Ion Ratio Lower Upper

75 100

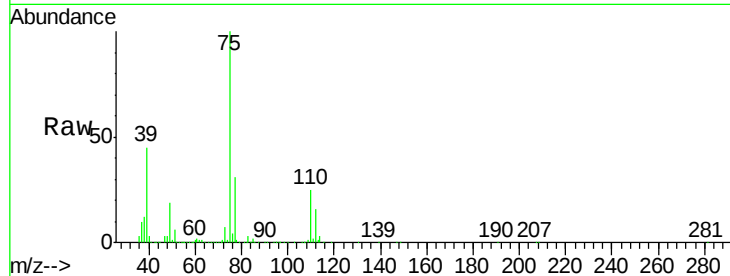
77 31.3 25.0 37.6

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

150000

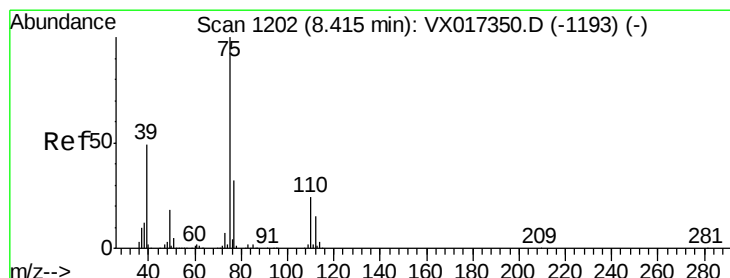
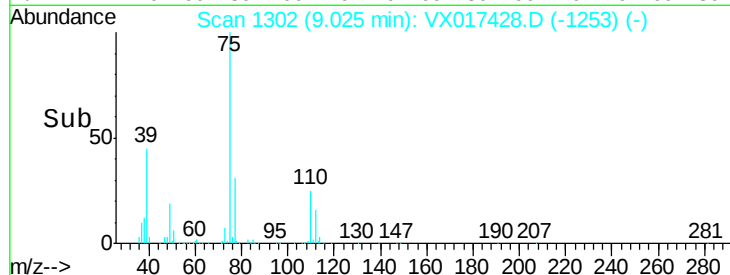
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 26.390 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

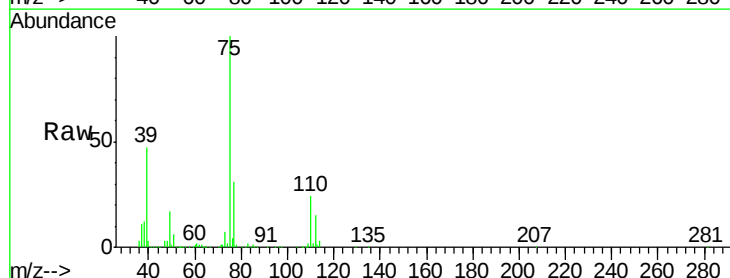
Tgt Ion: 75 Resp: 289931

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 47.3 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

150000

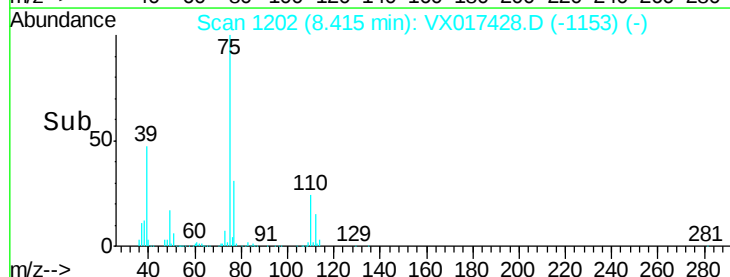
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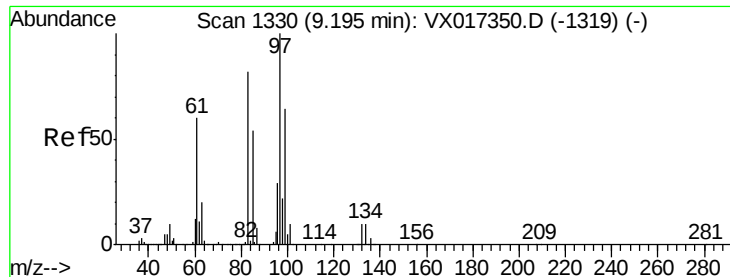
50000

0

8.30 8.40 8.50

Time-->





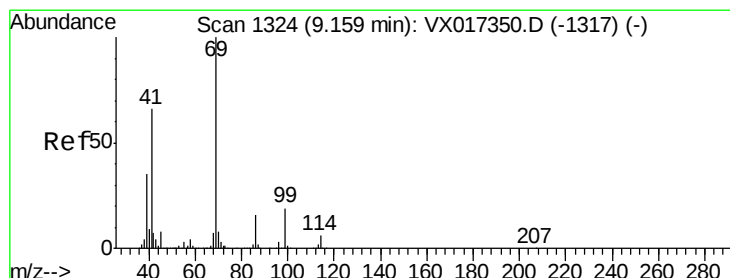
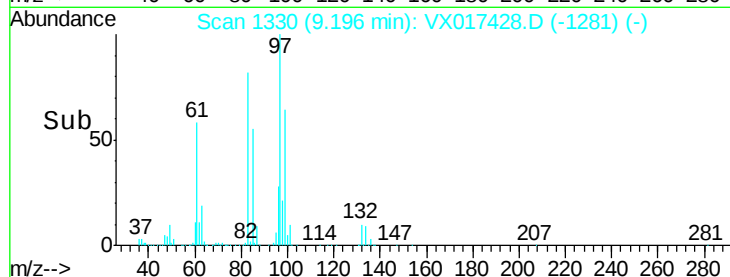
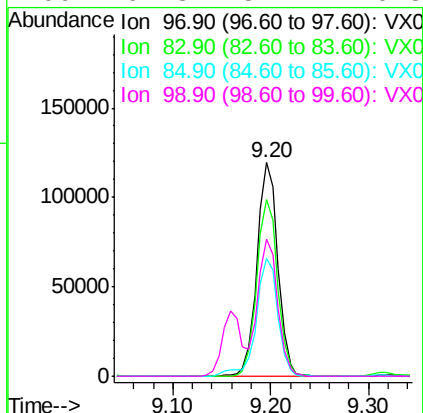
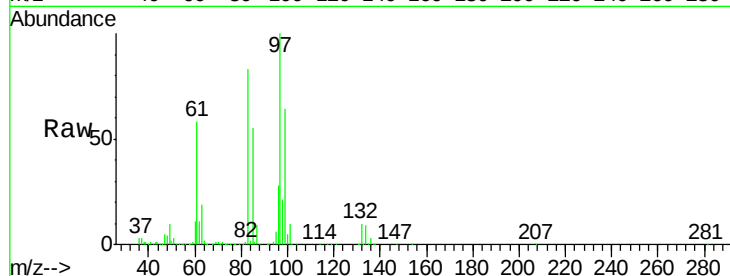
#55
 1,1,2-Trichloroethane
 Concen: 26.568 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	176194		
83	82.5	65.8	98.6	
85	55.2	42.8	64.2	
99	64.3	51.2	76.8	

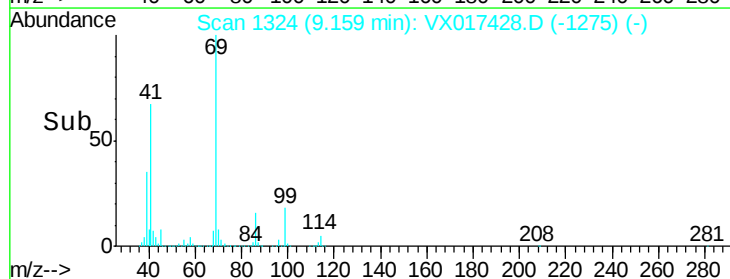
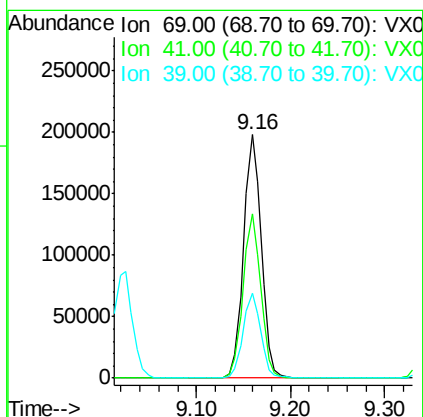
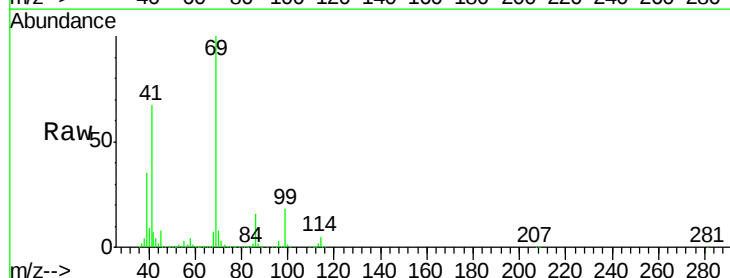
Manual Integrations
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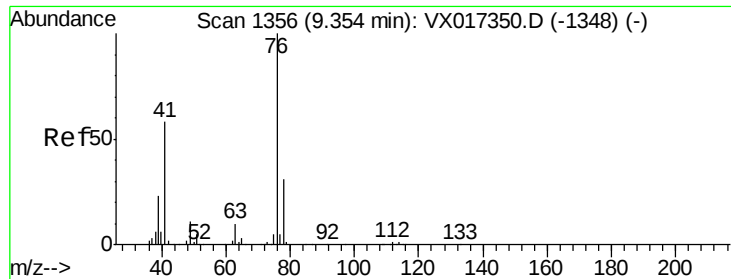
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 27.667 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	260487		
41	67.2	52.6	78.8	
39	35.5	28.8	43.2	





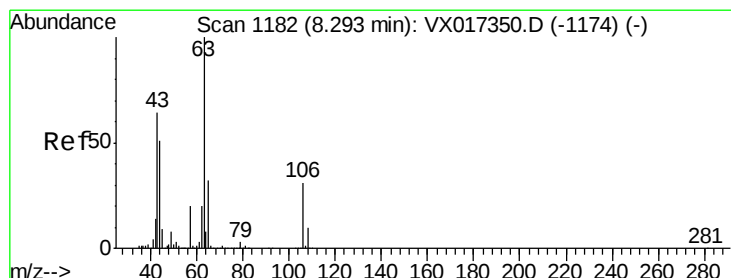
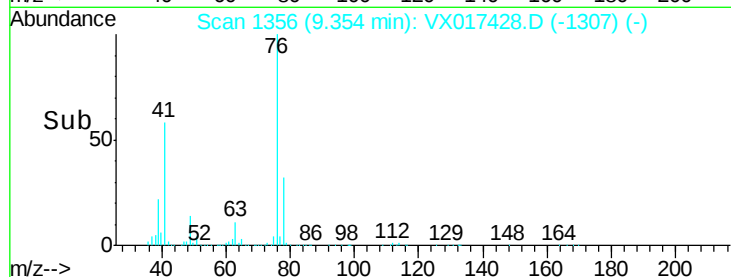
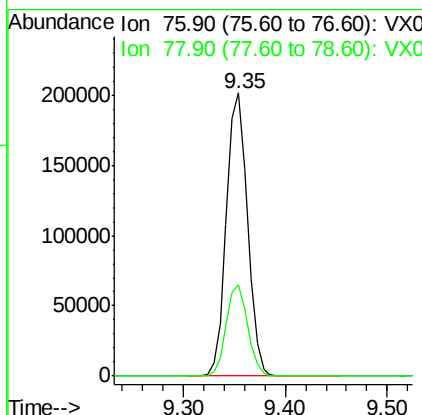
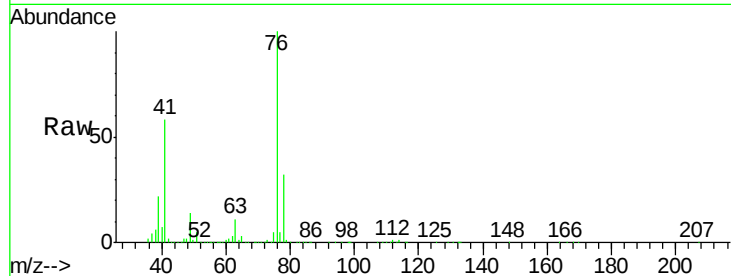
#57
 1,3-Dichloropropane
 Concen: 26.171 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 288705
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

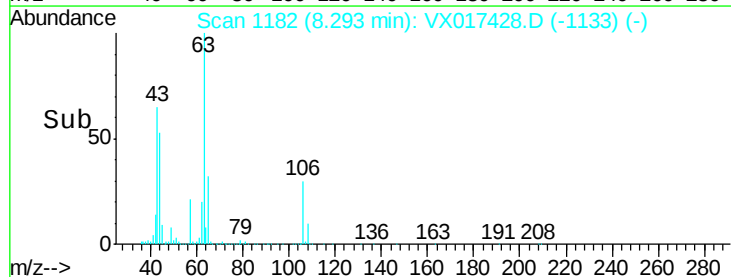
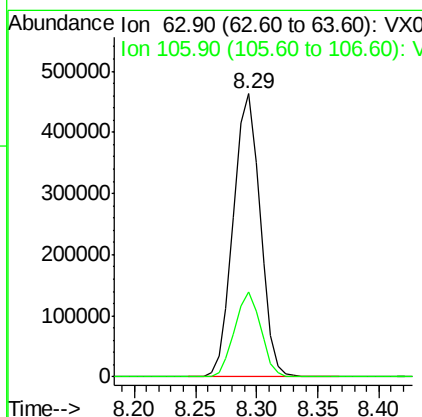
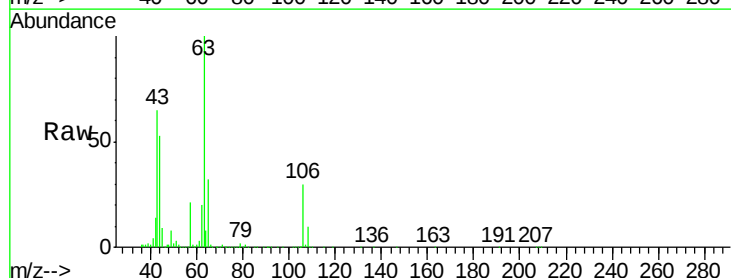
Manual Integrations
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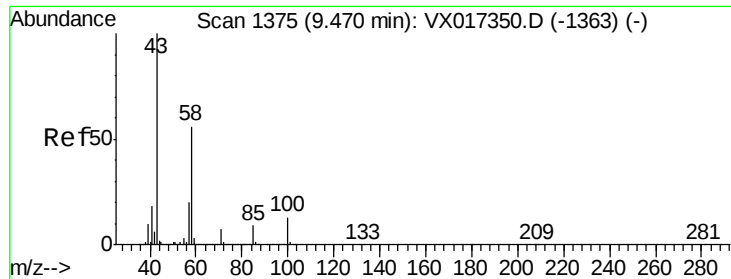
MMDadoda
 7/20/2020 11:50:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 147.181 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion: 63 Resp: 703609
 Ion Ratio Lower Upper
 63 100
 106 29.3 24.8 37.2





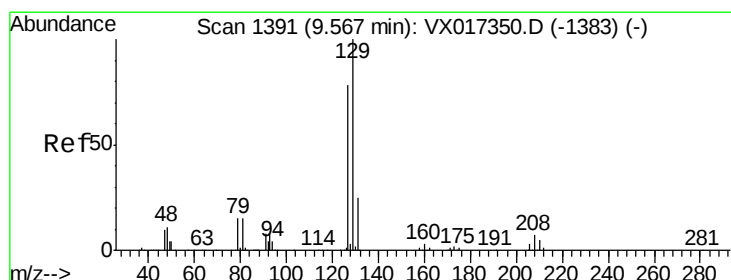
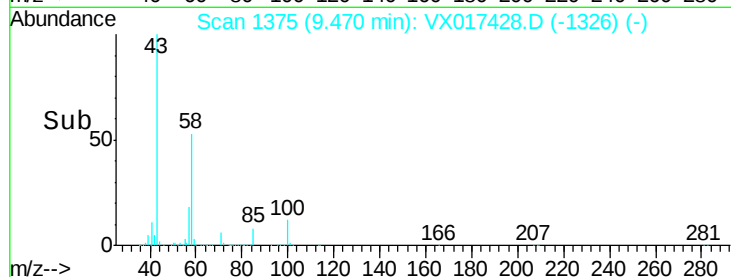
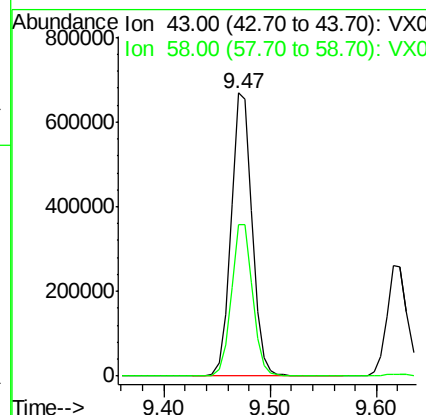
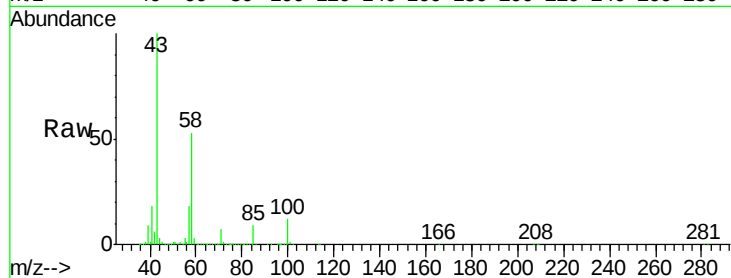
#59
2-Hexanone
Concen: 140.559 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 921800
Ion Ratio Lower Upper
43 100
58 54.3 28.1 84.3

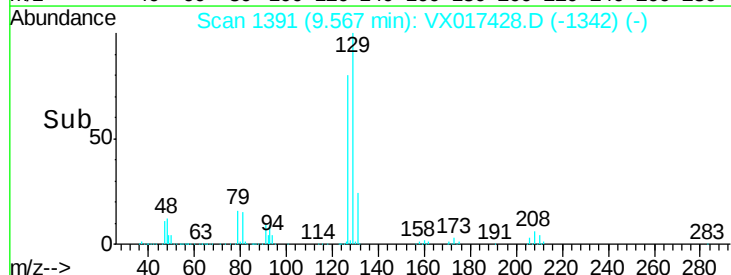
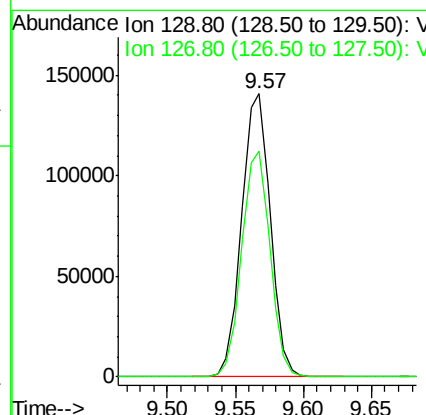
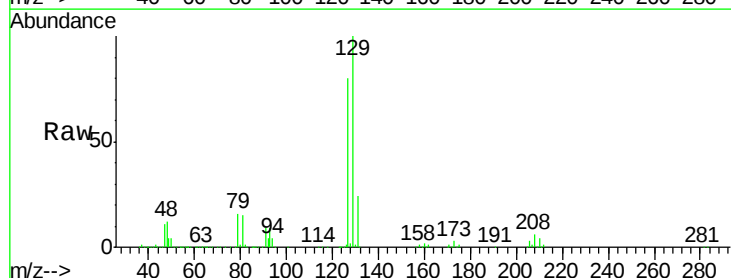
Manual Integrations
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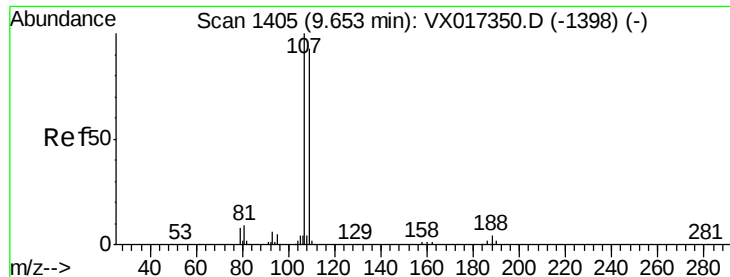
MMDadoda
7/20/2020 11:50:24 AM



#60
Dibromochloromethane
Concen: 25.547 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 129 Resp: 206974
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





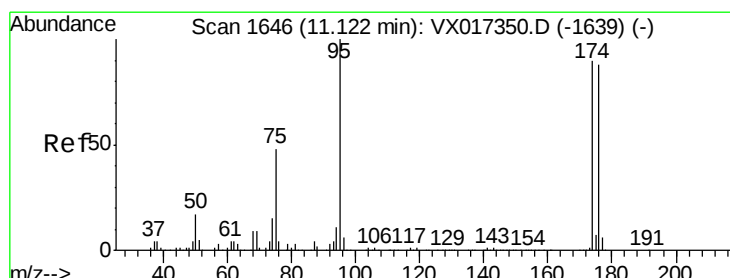
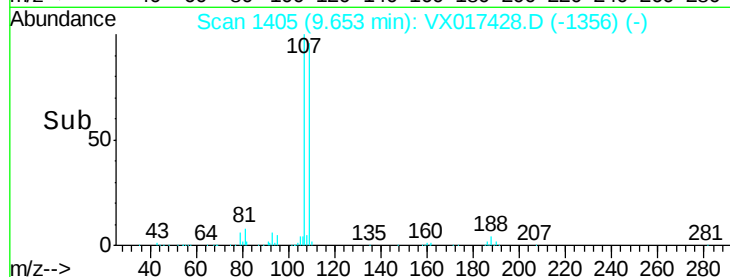
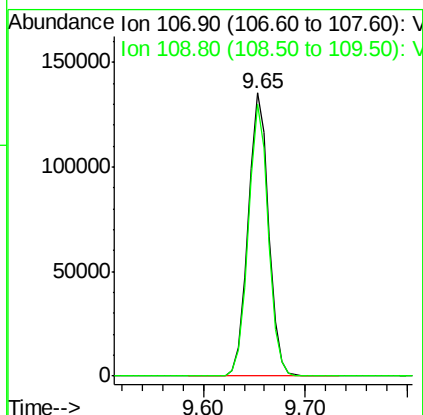
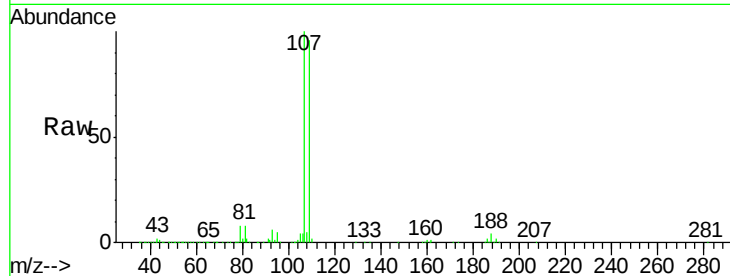
#61
 1,2-Dibromoethane
 Concen: 26.300 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	189737		
109	94.1	75.0	112.4	

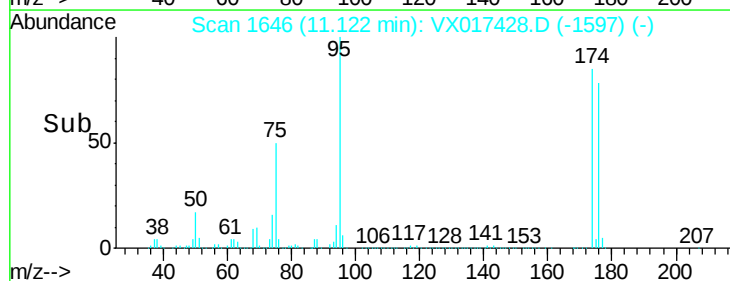
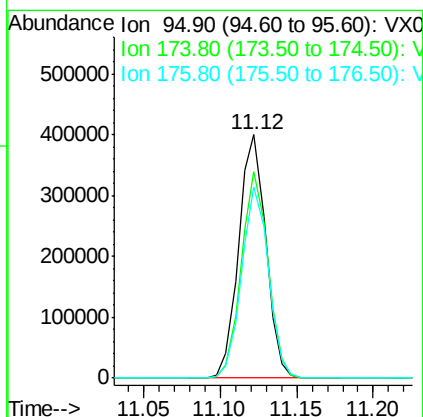
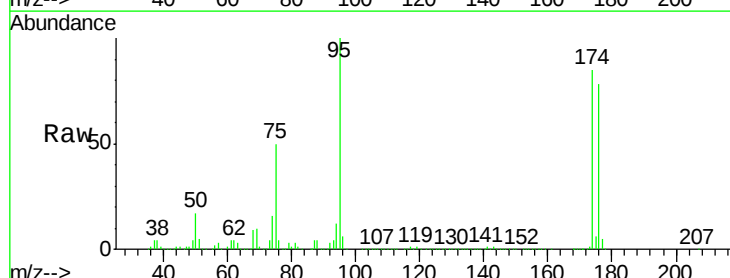
Manual Integrations
 APPROVED

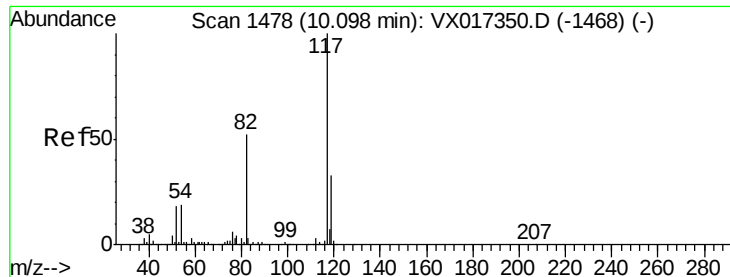
MMDadoda
 7/20/2020 11:50:24 AM



#62
 4-Bromofluorobenzene
 Concen: 54.421 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	492440		
174	83.5	0.0	175.8	
176	77.9	0.0	164.6	





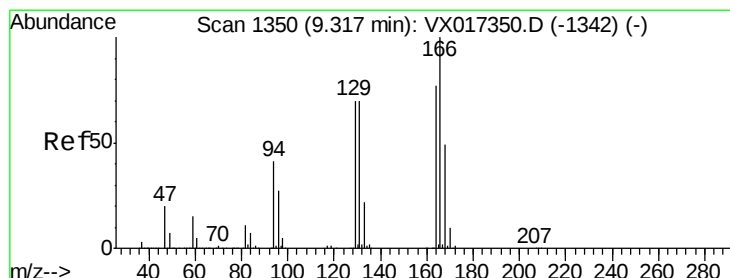
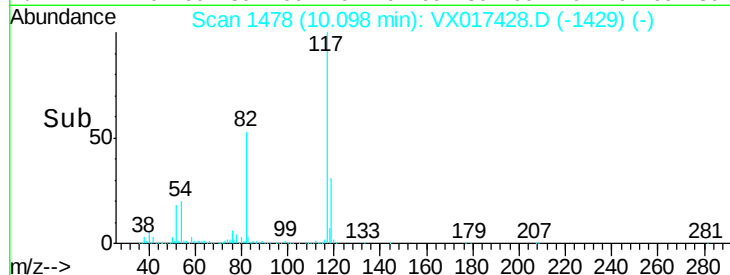
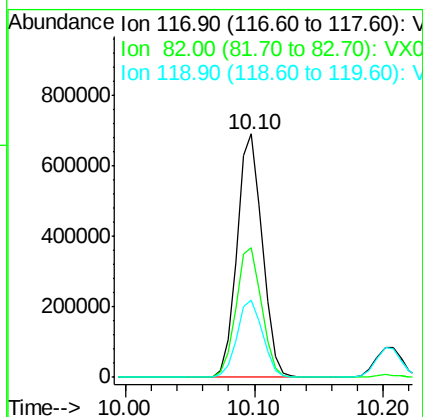
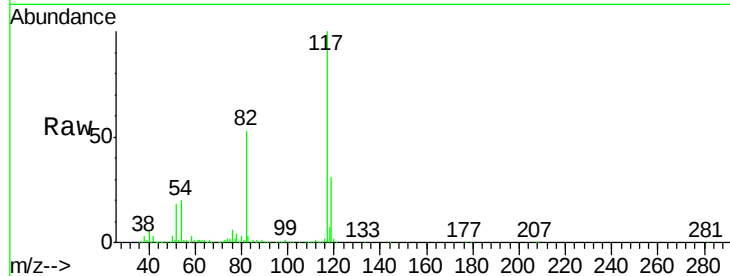
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.1	42.0	63.0
119	31.5	26.3	39.5

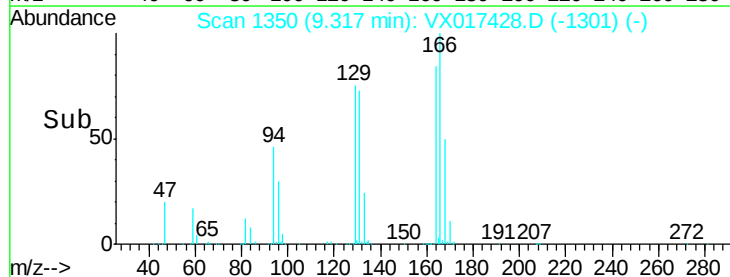
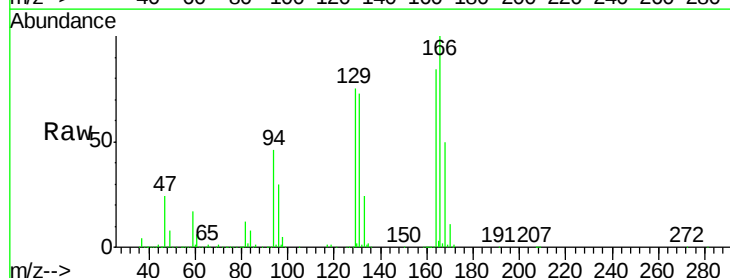
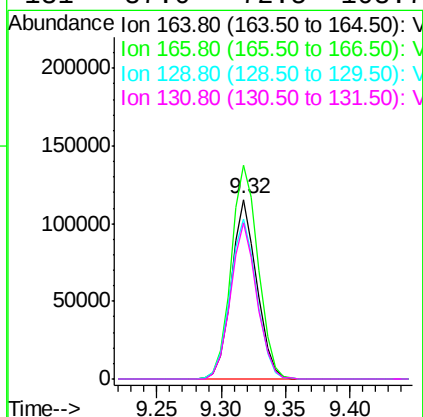
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 19.597 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	118.8	103.9	155.9
129	89.1	72.9	109.3
131	87.0	72.5	108.7





#65

Chlorobenzene

Concen: 24.431 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 466362

Ion Ratio Lower Upper

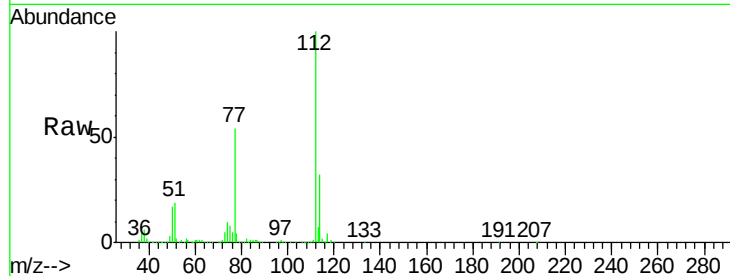
112 100

114 32.1 26.0 39.0

Manual Integrations
APPROVED

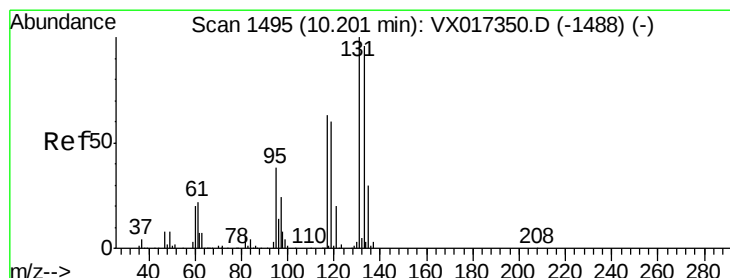
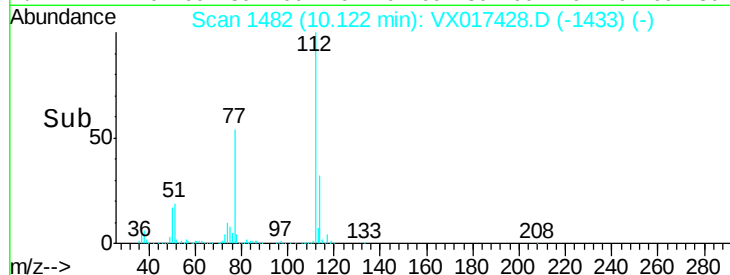
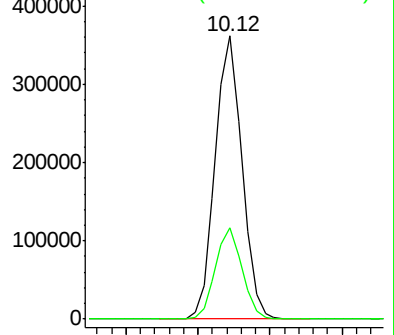
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 23.770 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

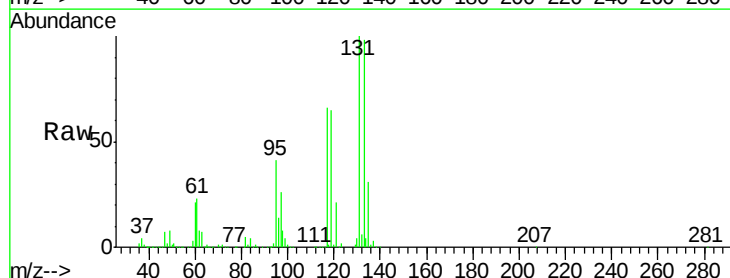
Tgt Ion:131 Resp: 180651

Ion Ratio Lower Upper

131 100

133 97.9 48.4 145.2

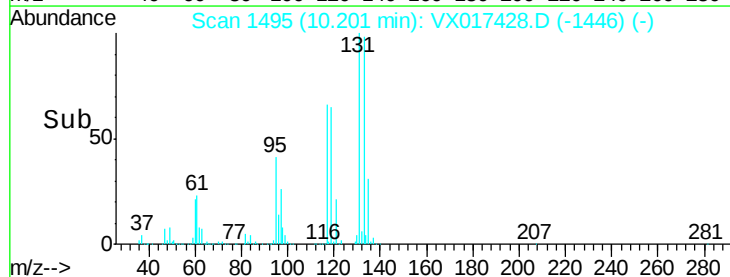
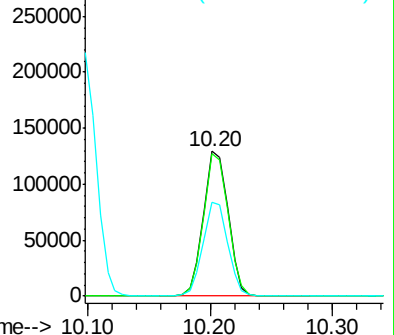
119 64.8 31.2 93.6

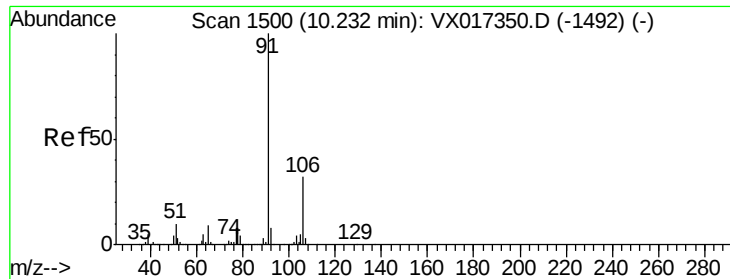


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





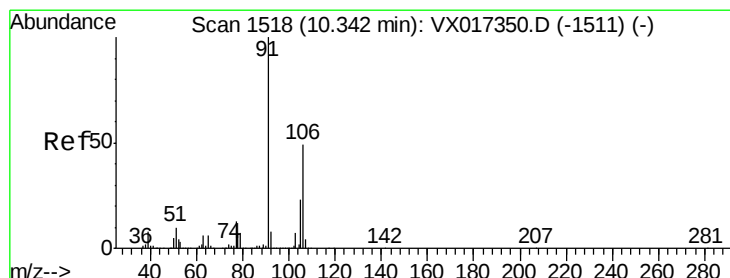
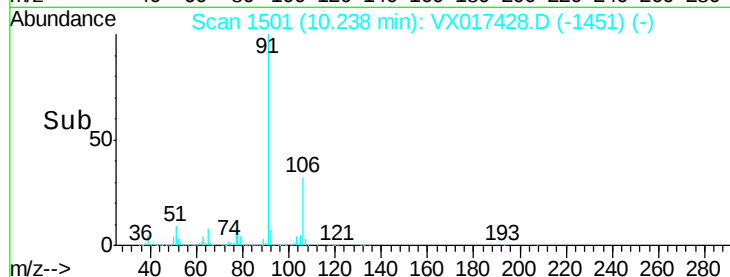
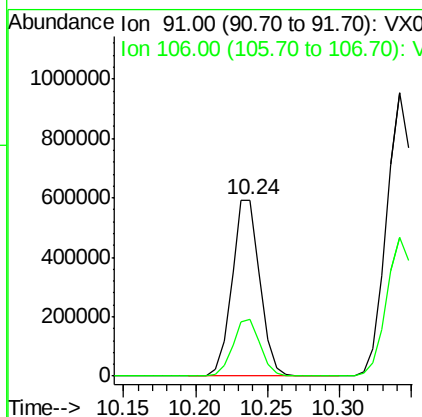
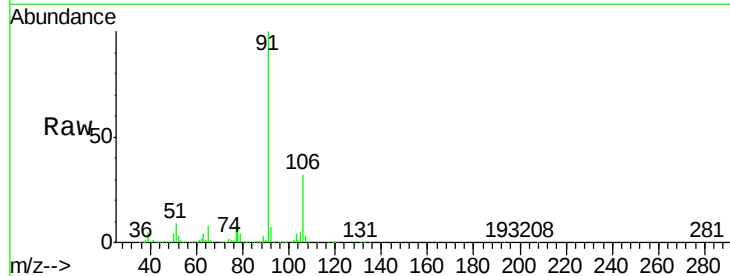
#67
Ethyl Benzene
Concen: 25.266 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 802906
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

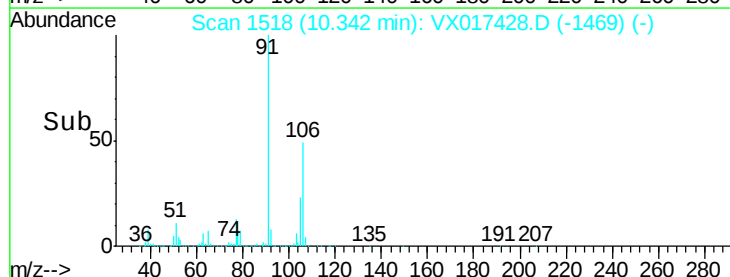
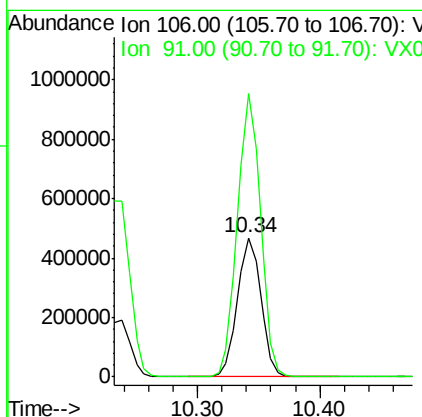
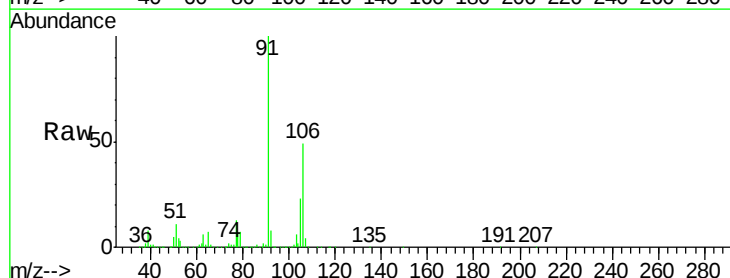
Manual Integrations
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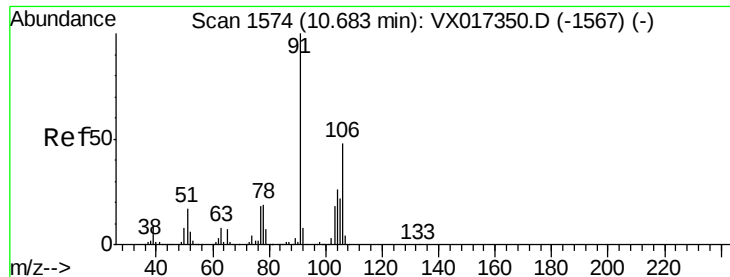
MMDadoda
7/20/2020 11:50:24 AM



#68
m/p-Xylenes
Concen: 51.471 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 106 Resp: 622331
Ion Ratio Lower Upper
106 100
91 200.3 162.5 243.7





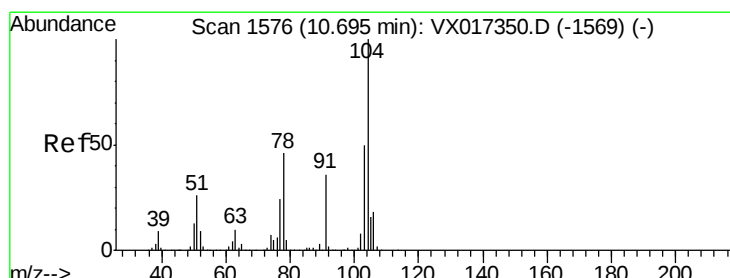
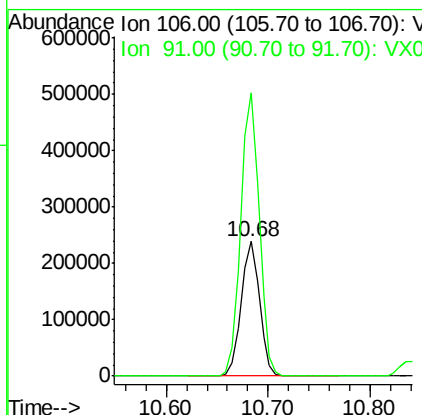
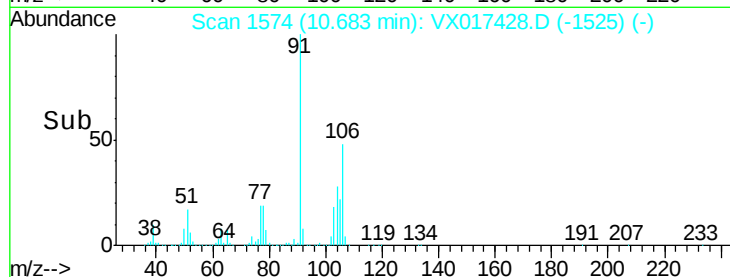
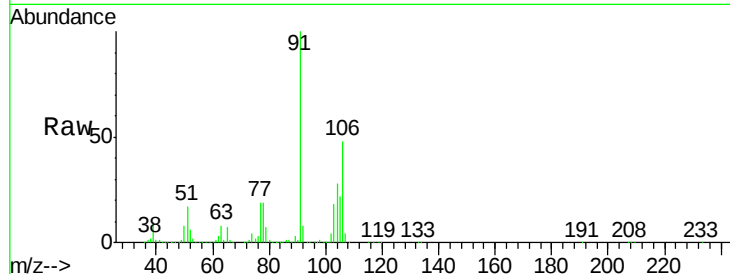
#69
o-Xylene
Concen: 25.487 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 294456
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.1

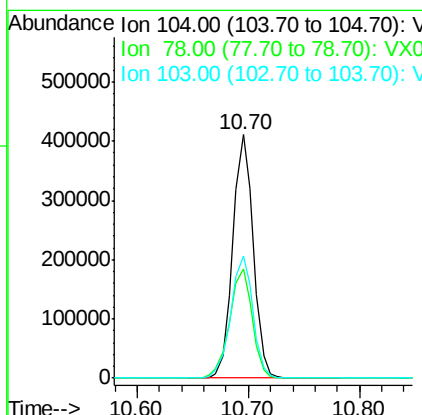
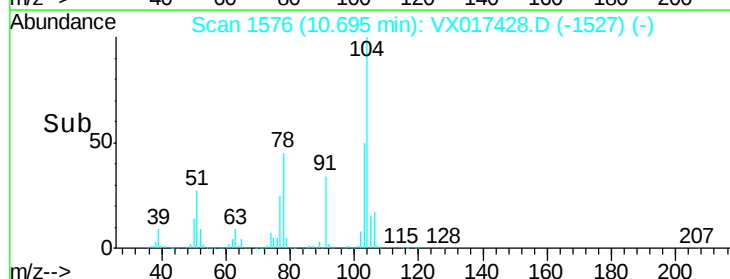
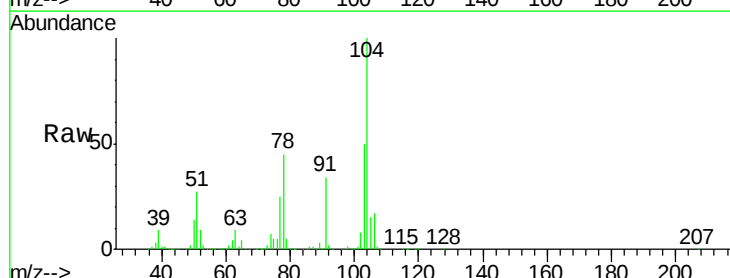
Manual Integrations
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#70
Styrene
Concen: 26.328 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion:104 Resp: 522143
Ion Ratio Lower Upper
104 100
78 49.9 40.8 61.2
103 54.6 43.3 64.9





#71

Bromoform

Concen: 24.948 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 159999

Ion Ratio Lower Upper

173 100

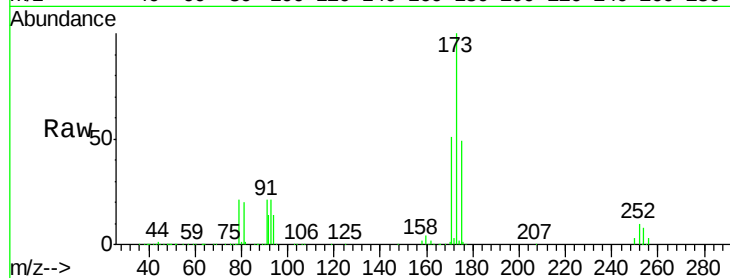
175 48.4 24.7 74.1

254 0.1 0.1 0.1#

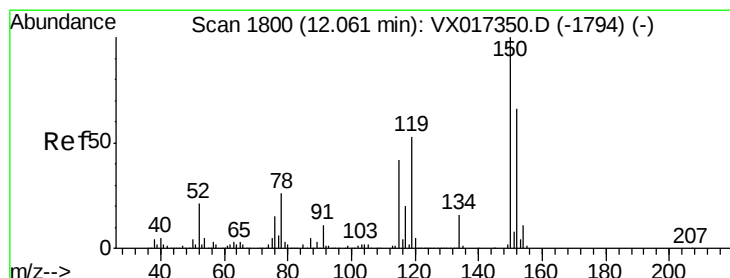
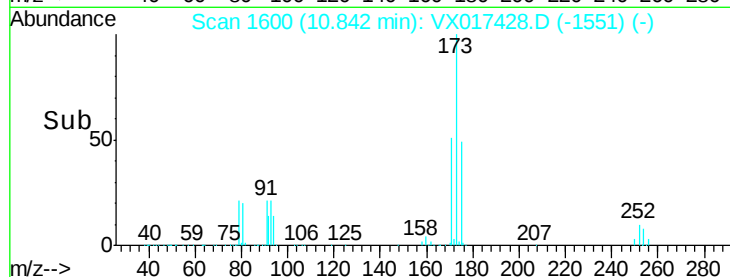
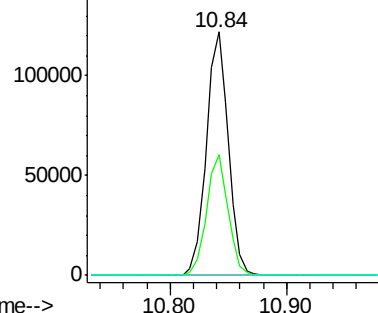
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

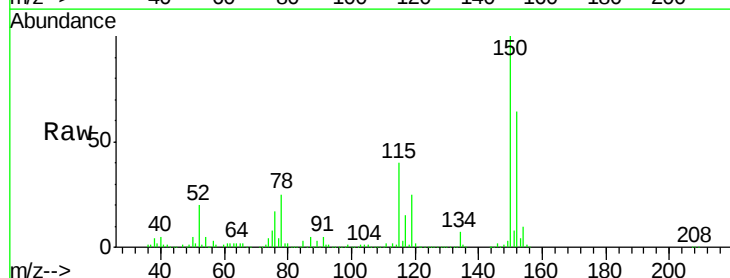
Tgt Ion:152 Resp: 532556

Ion Ratio Lower Upper

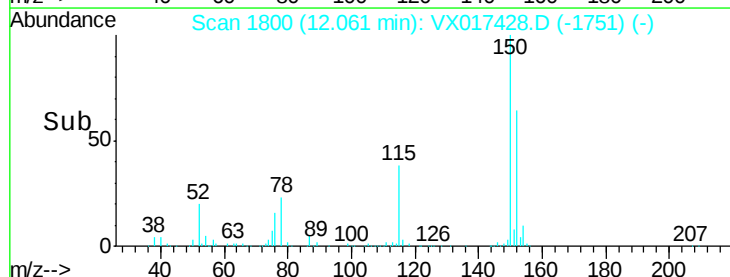
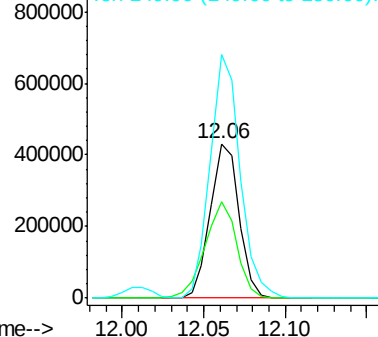
152 100

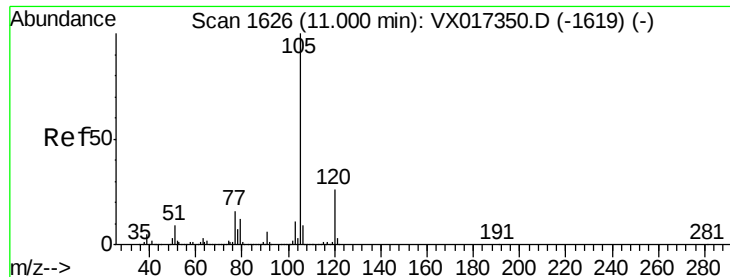
115 68.2 39.9 119.7

150 164.0 0.0 343.4



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





#73

Isopropylbenzene

Concen: 23.858 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 796475

Ion Ratio Lower Upper

105 100

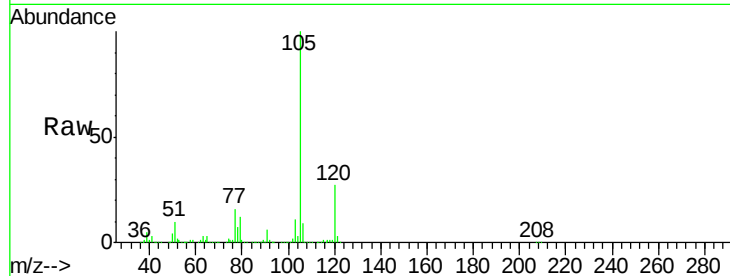
120 27.0 13.3 39.8

Manual Integrations

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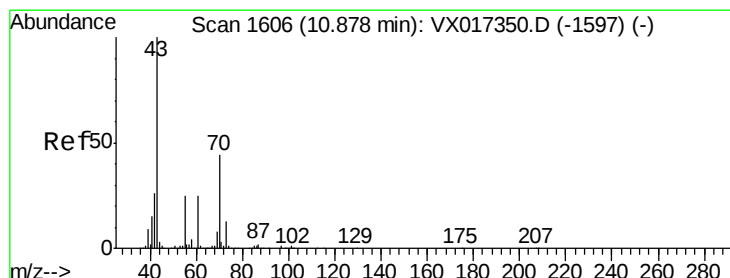
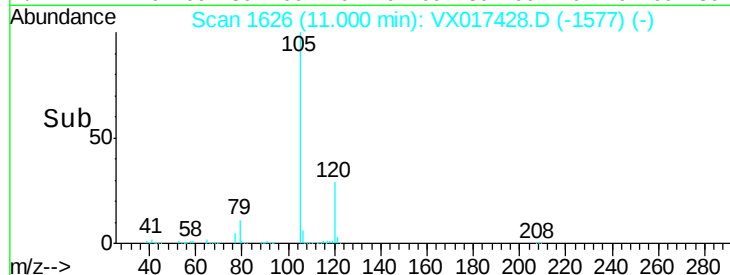
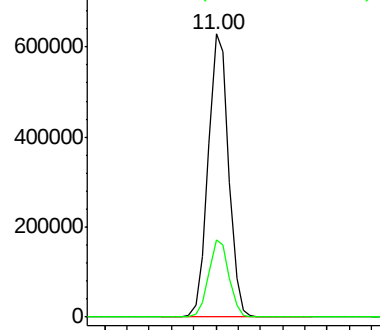
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 26.703 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion: 43 Resp: 356727

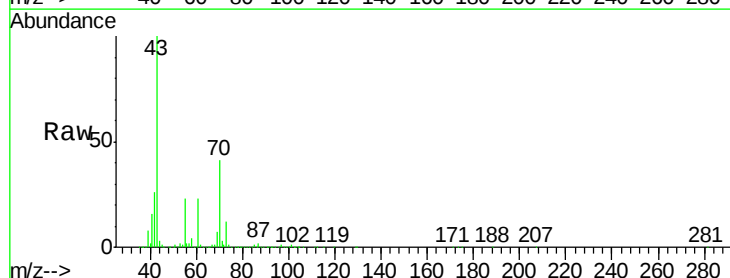
Ion Ratio Lower Upper

43 100

70 42.9 35.7 53.5

55 24.5 20.3 30.5

61 24.4 20.0 30.0

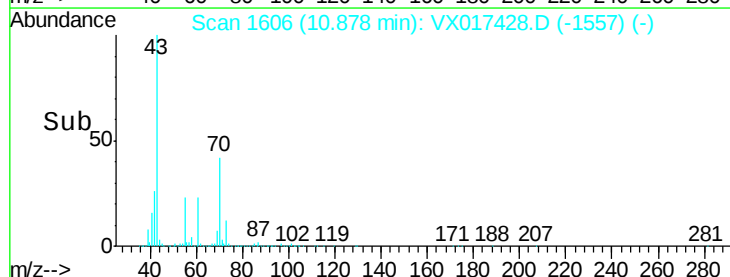
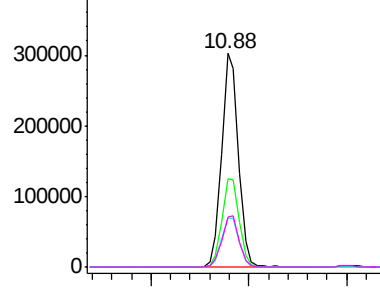


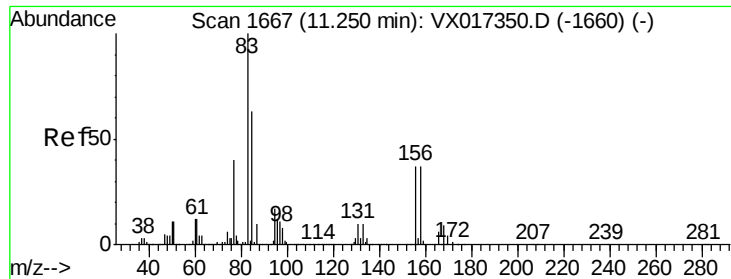
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 26.249 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 266062

Ion Ratio Lower Upper

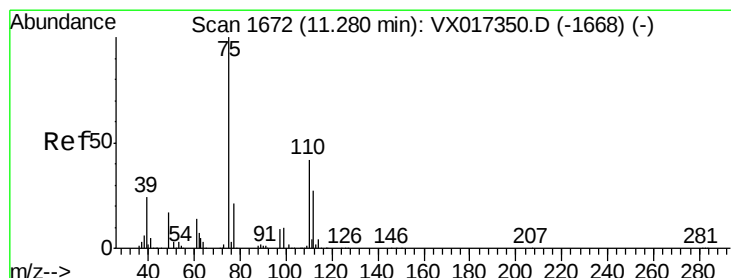
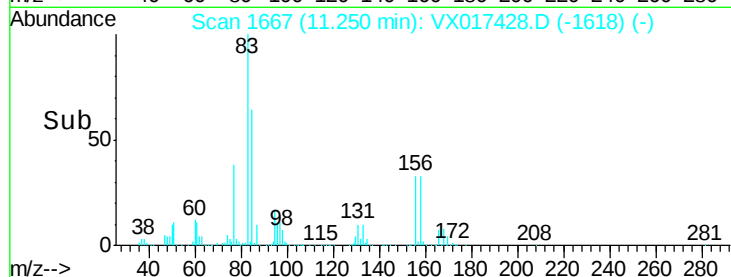
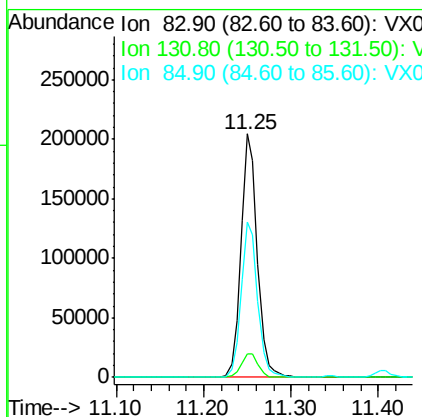
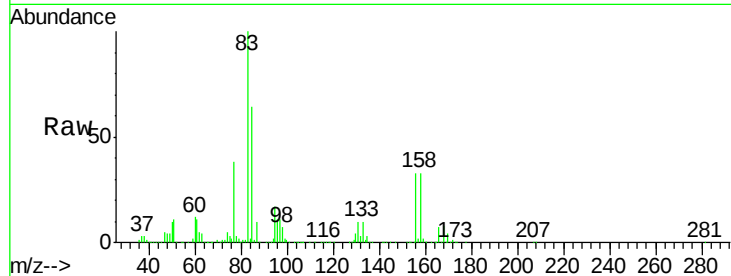
83 100

131 10.3 5.5 16.7

85 64.8 32.6 98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 25.320 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017428.D

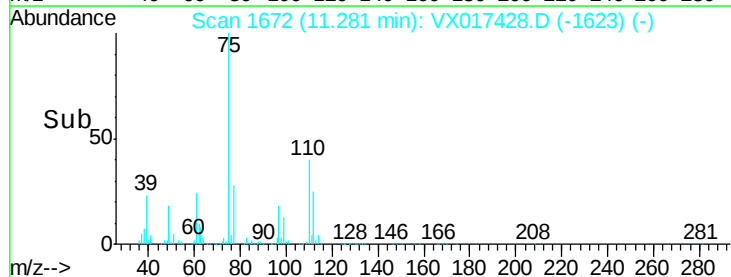
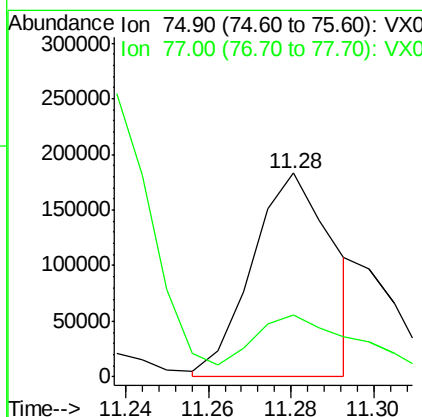
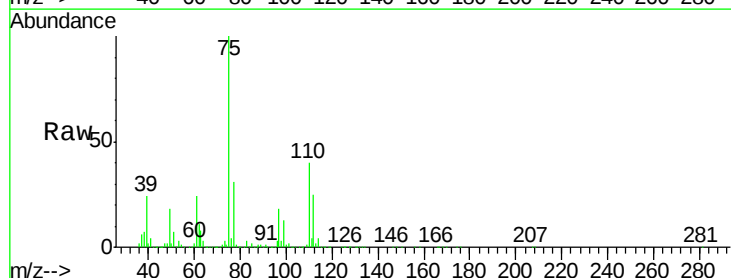
Acq: 17 Jul 2020 18:27

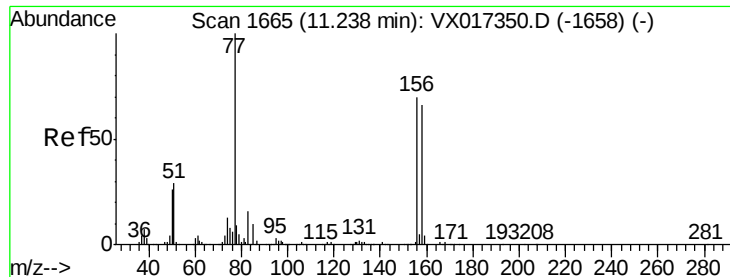
Tgt Ion: 75 Resp: 249168

Ion Ratio Lower Upper

75 100

77 40.0 20.3 60.9





#77

Bromobenzene

Concen: 22.738 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

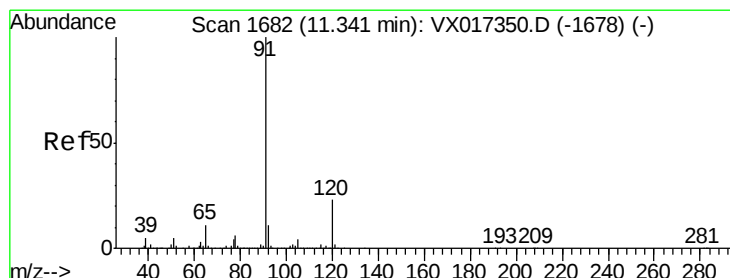
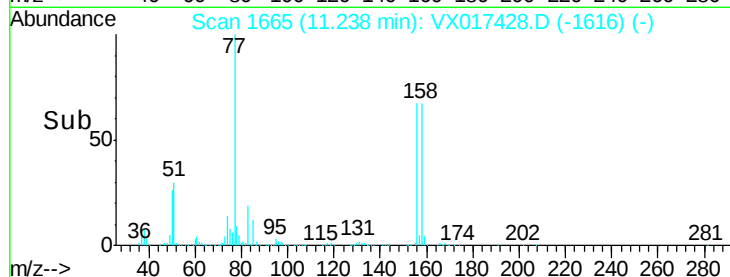
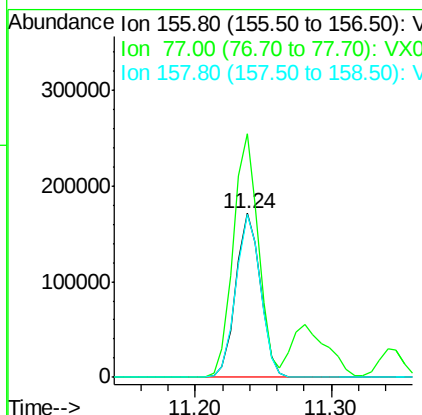
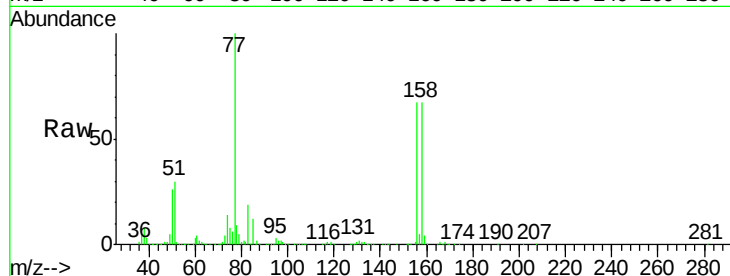
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	216205
Ion Ratio	Lower	Upper	
156	100		
77	151.5	72.1	216.3
158	99.4	47.4	142.3

Manual Integrations
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#78

n-propylbenzene

Concen: 24.768 ug/l

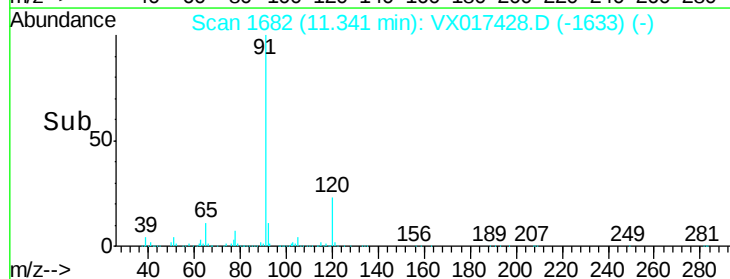
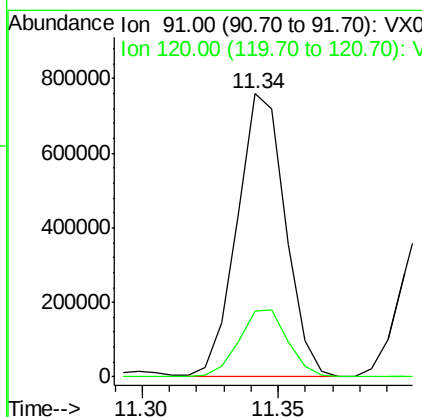
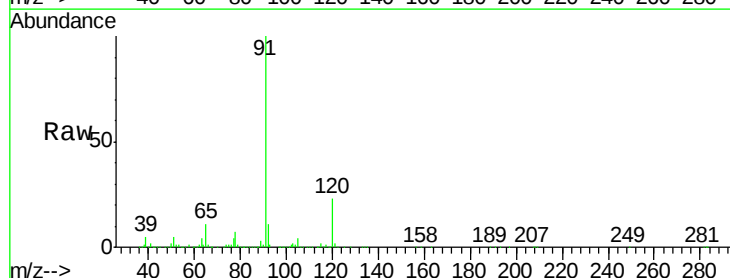
RT: 11.34 min Scan# 1682

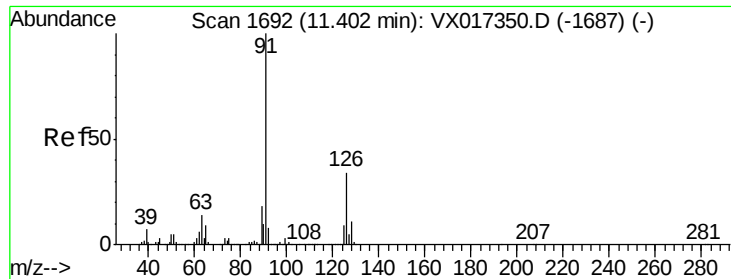
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion:	91	Resp:	928616
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.9	35.9





#79

2-Chlorotoluene

Concen: 24.042 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 555500

Ion Ratio Lower Upper

91 100

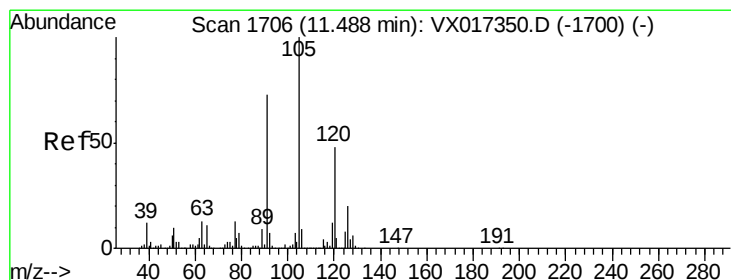
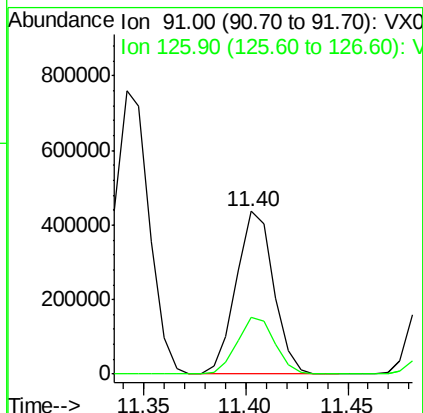
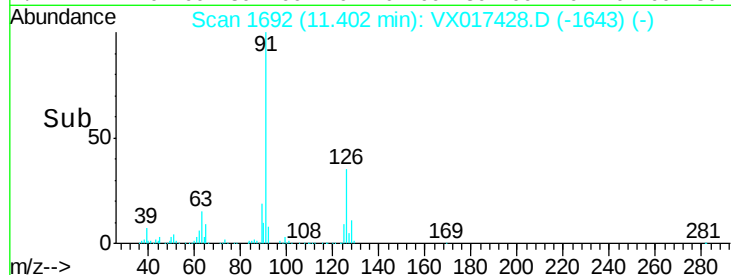
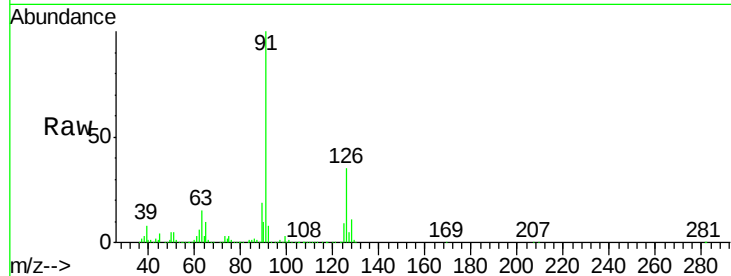
126 35.3 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 24.226 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017428.D

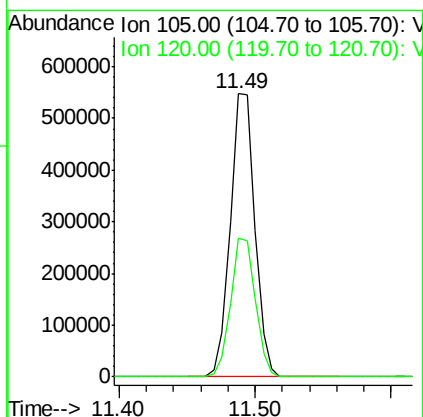
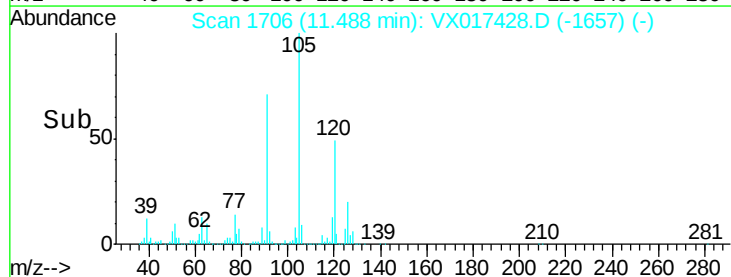
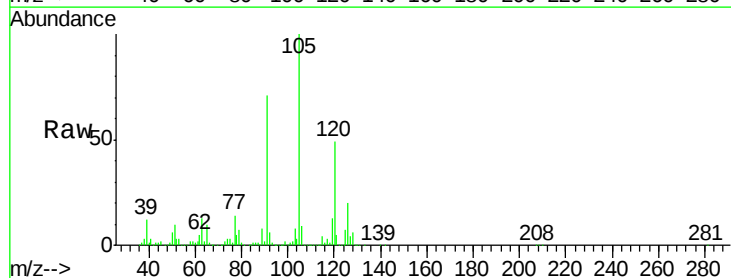
Acq: 17 Jul 2020 18:27

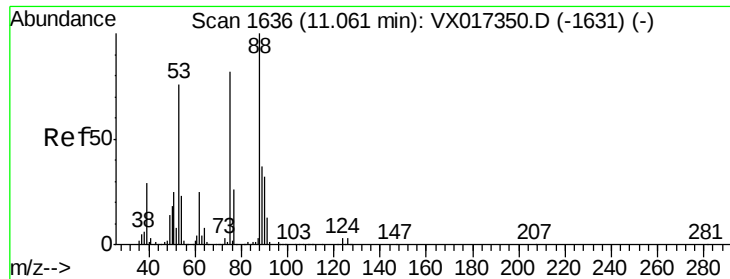
Tgt Ion: 105 Resp: 686530

Ion Ratio Lower Upper

105 100

120 49.3 24.8 74.4





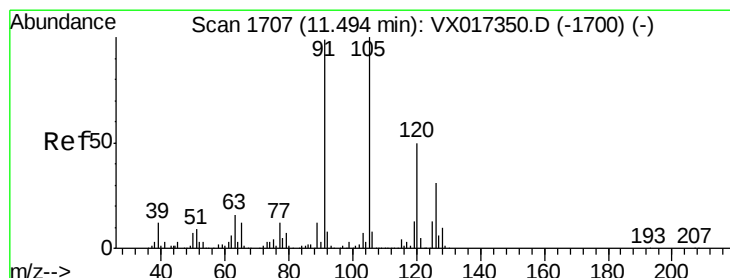
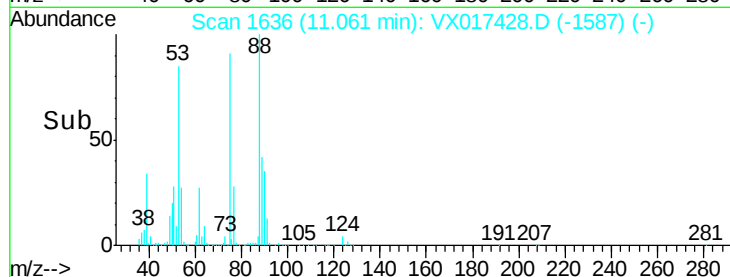
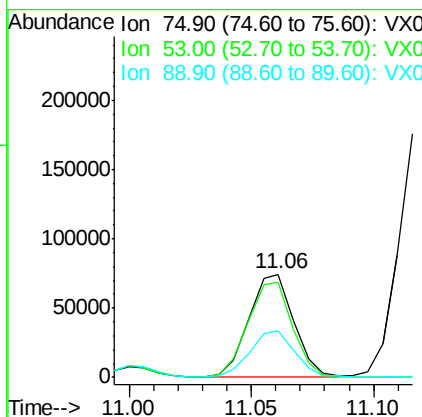
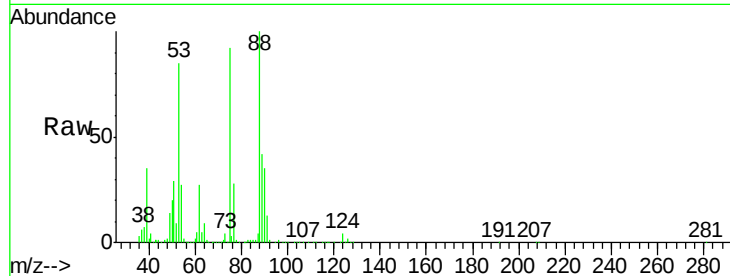
#81
trans-1,4-Dichloro-2-butene
Concen: 24.284 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.0	76.5	114.7
89	46.2	38.1	57.1

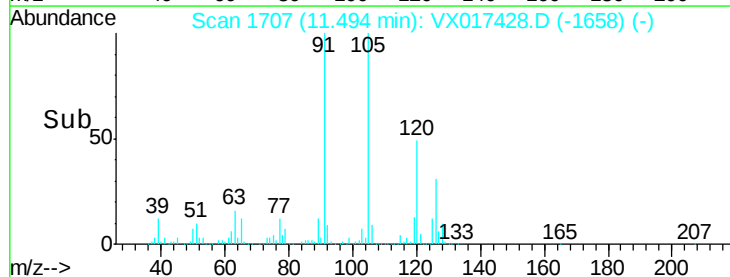
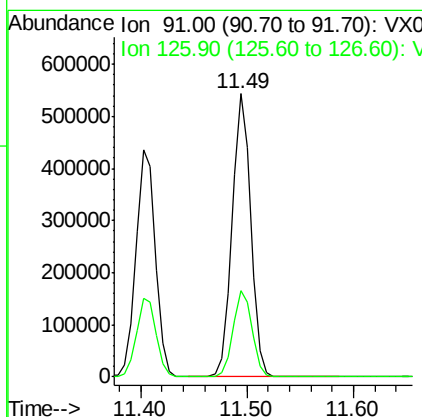
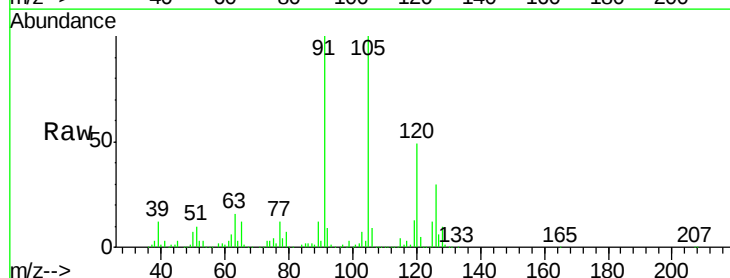
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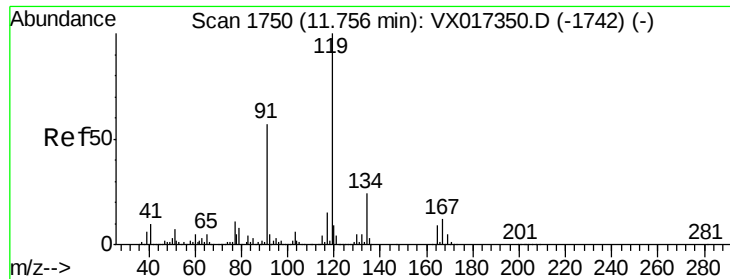
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#82
4-Chlorotoluene
Concen: 24.456 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





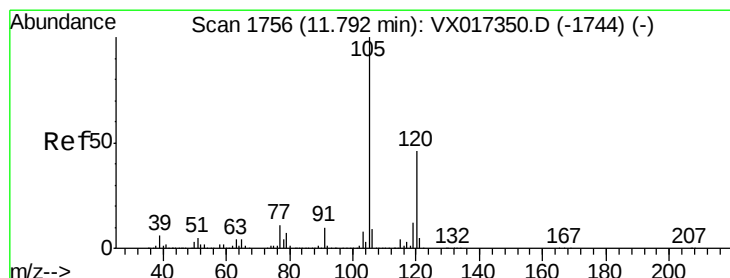
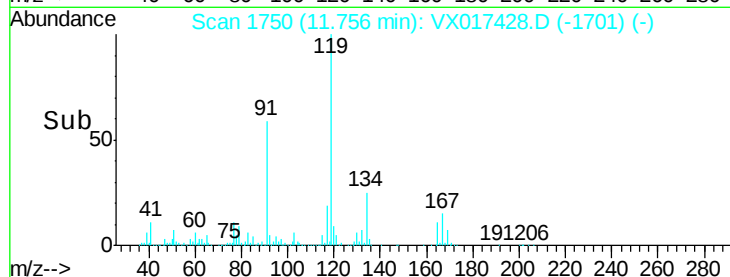
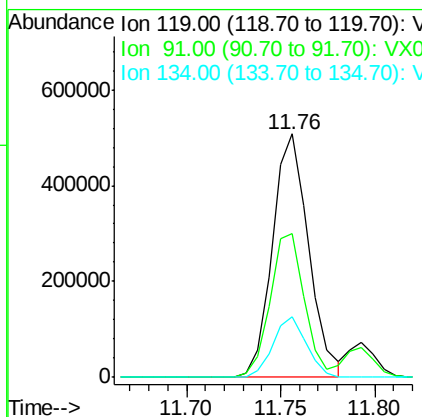
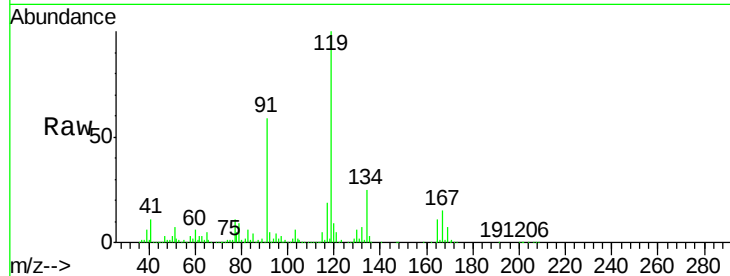
#83
 tert-Butylbenzene
 Concen: 24.593 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	673707		
91	56.2	28.5	85.6	
134	23.3	11.9	35.9	

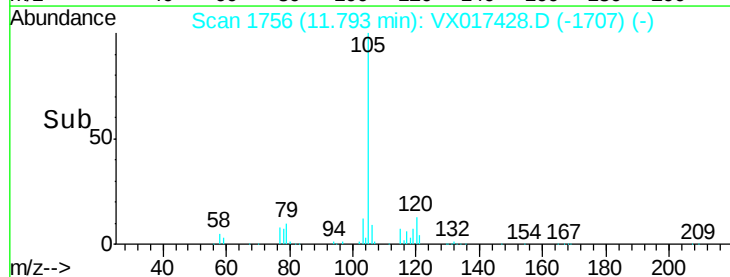
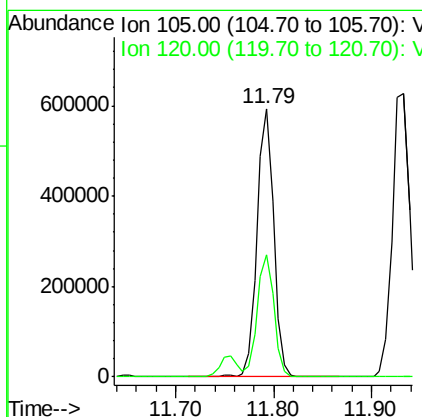
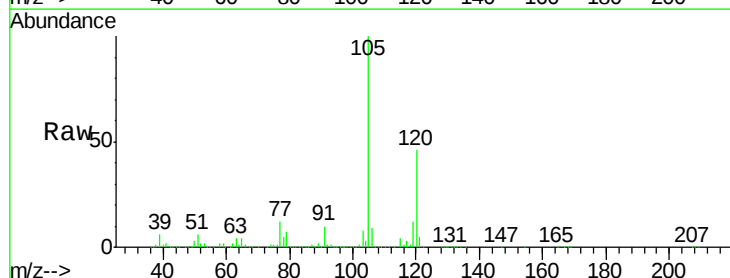
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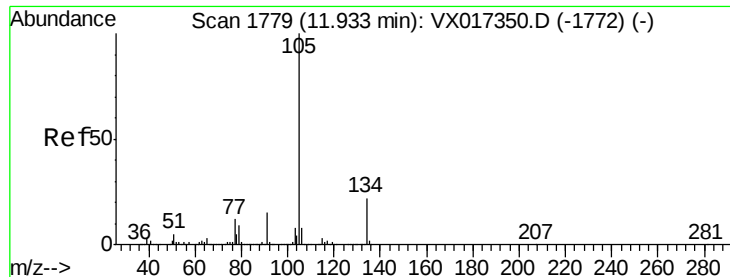
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#84
 1,2,4-Trimethylbenzene
 Concen: 24.524 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	702098		
120	45.6	22.8	68.4	





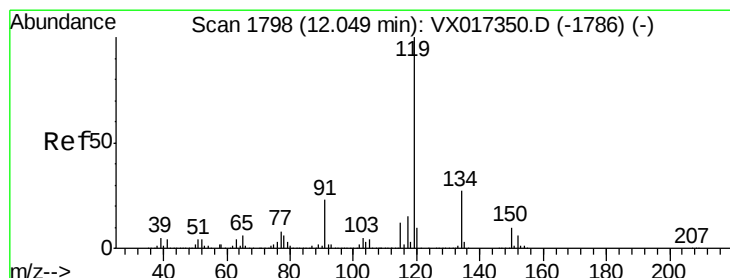
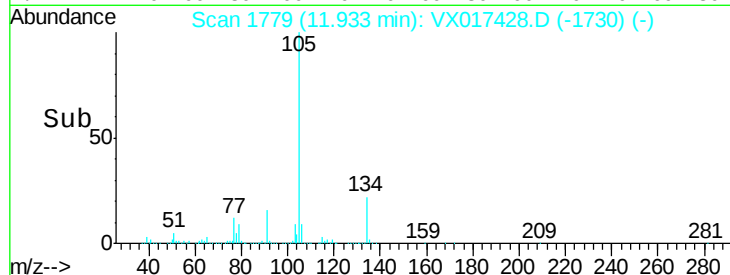
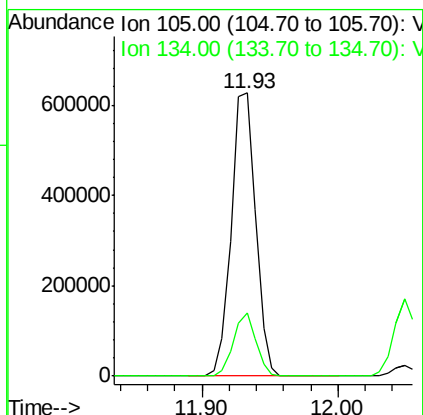
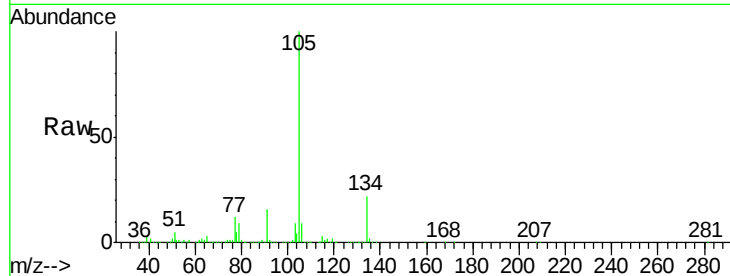
#85
 sec-Butylbenzene
 Concen: 24.422 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.5

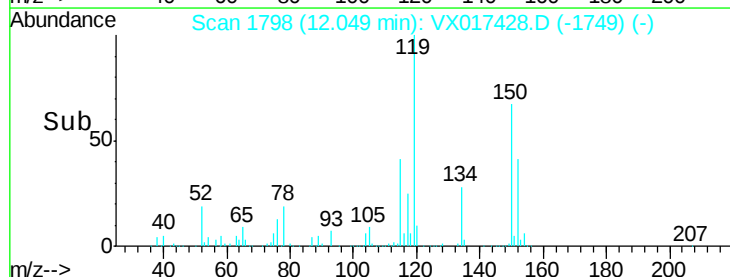
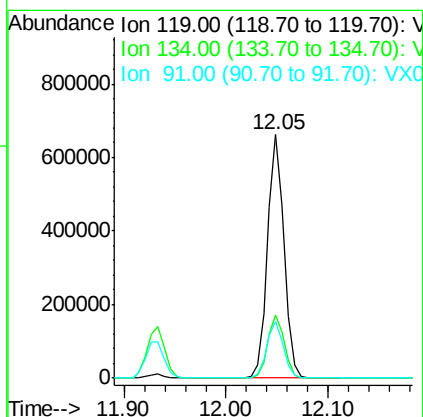
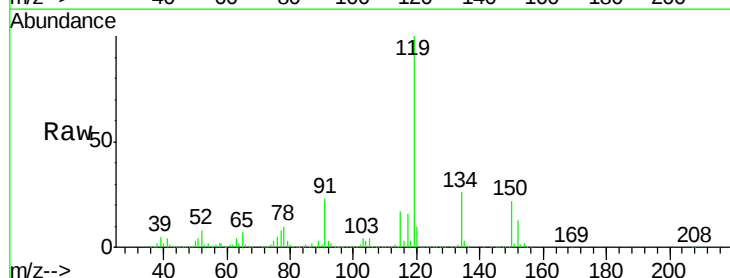
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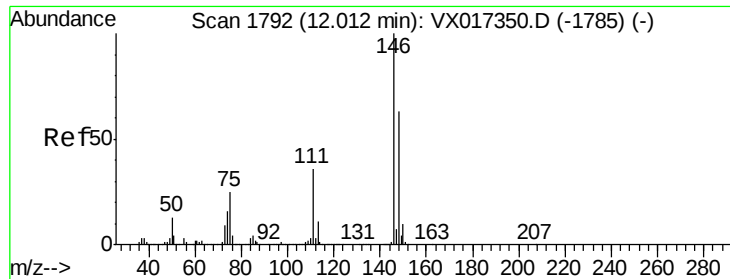
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#86
 p-Isopropyltoluene
 Concen: 24.434 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.5
91	23.7	11.8	35.3





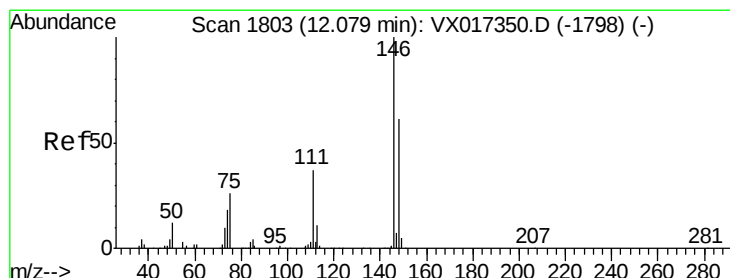
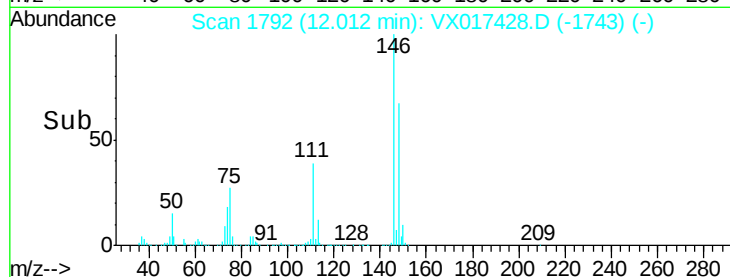
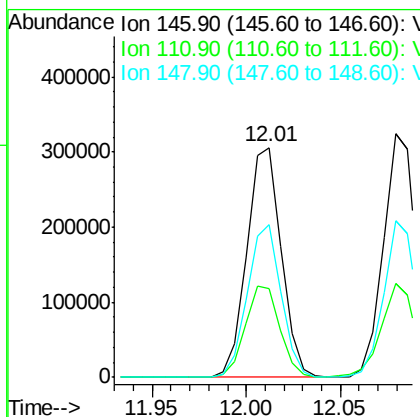
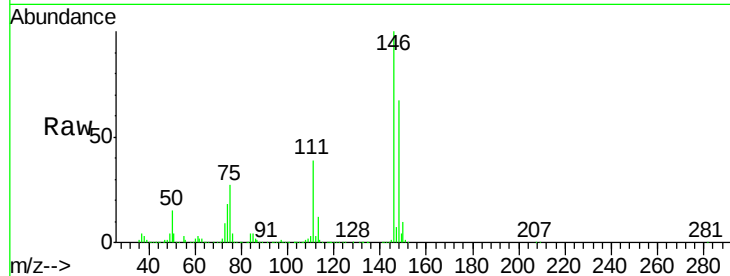
#87
 1,3-Dichlorobenzene
 Concen: 22.803 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	387875		
111	40.1	19.2	57.6	
148	65.1	31.6	95.0	

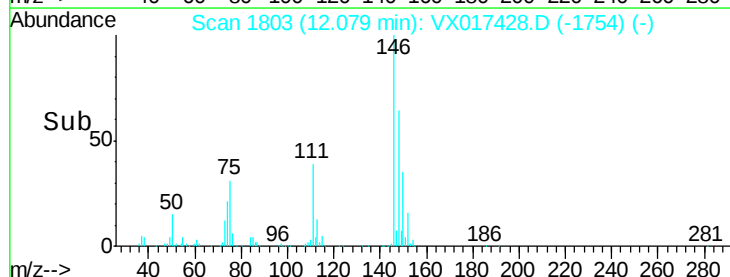
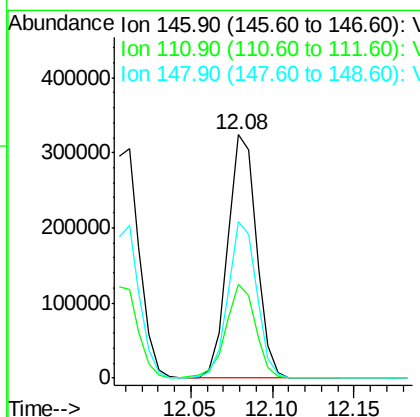
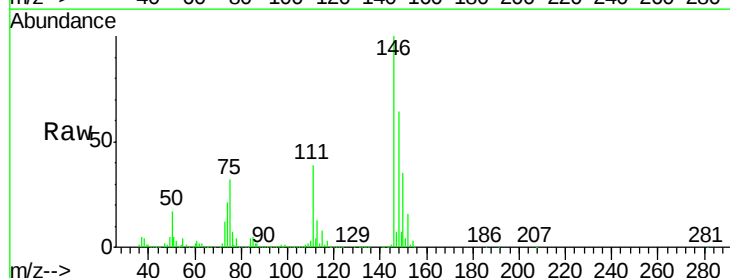
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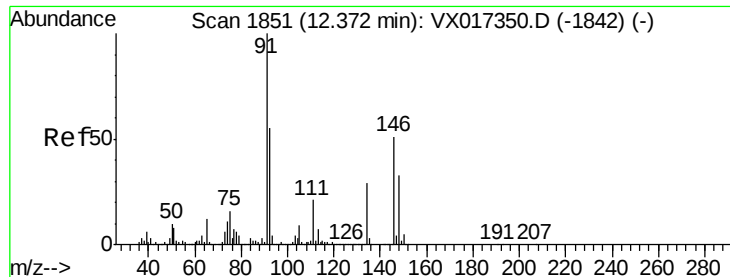
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#88
 1,4-Dichlorobenzene
 Concen: 22.955 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	394480		
111	39.7	18.9	56.9	
148	64.2	31.9	95.9	





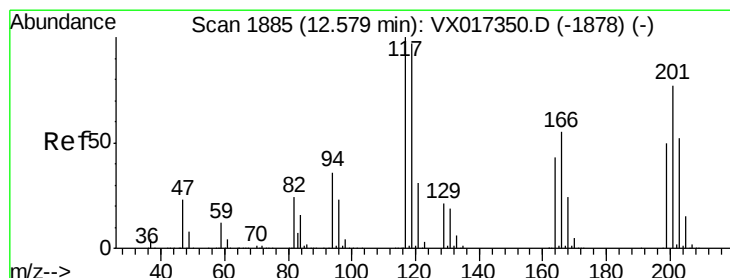
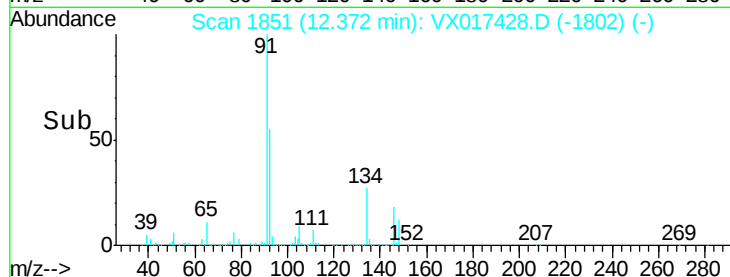
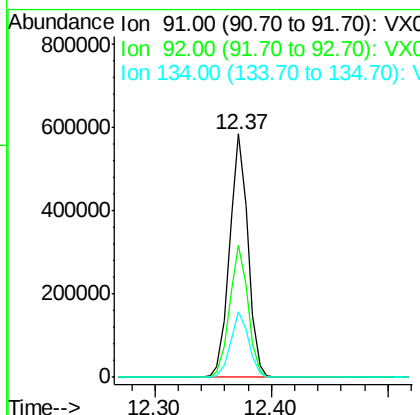
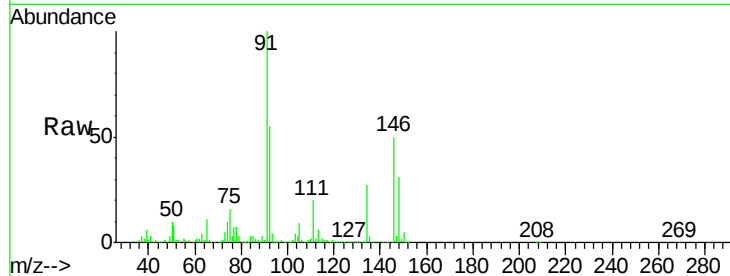
#89
n-Butylbenzene
Concen: 24.694 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	81.0
134	26.7	14.1	42.2

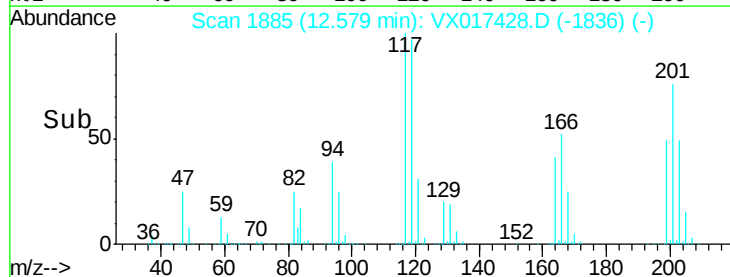
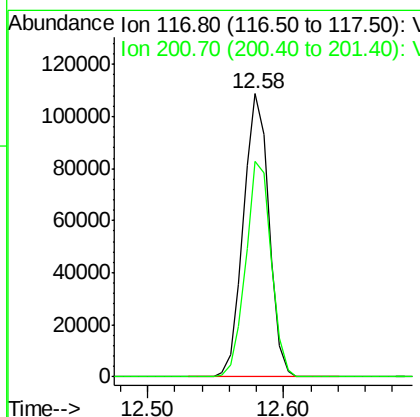
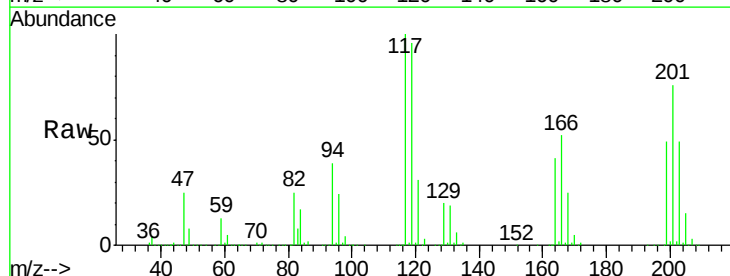
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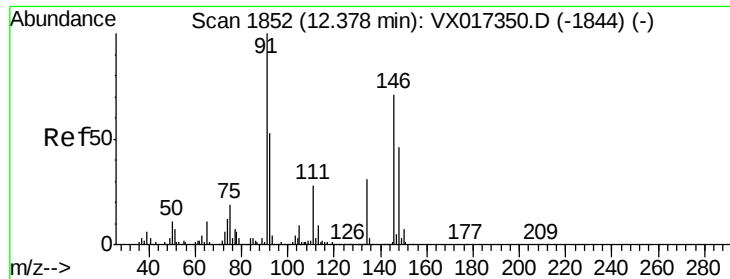
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#90
Hexachloroethane
Concen: 24.668 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	41.0	123.0





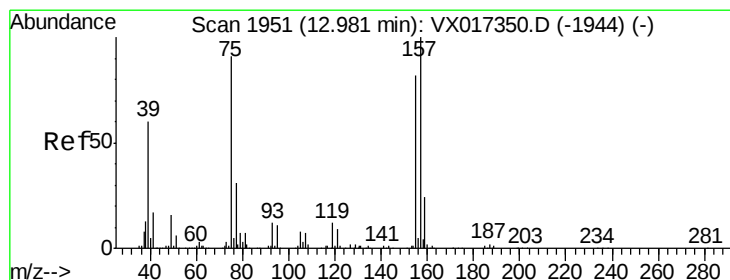
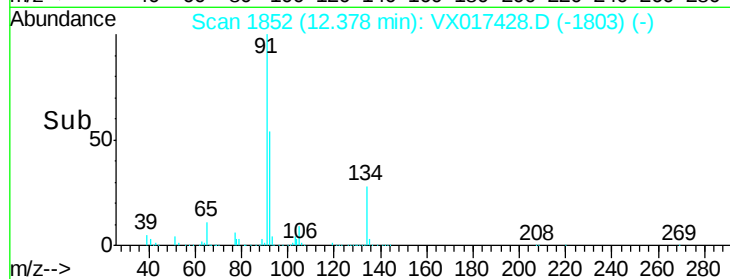
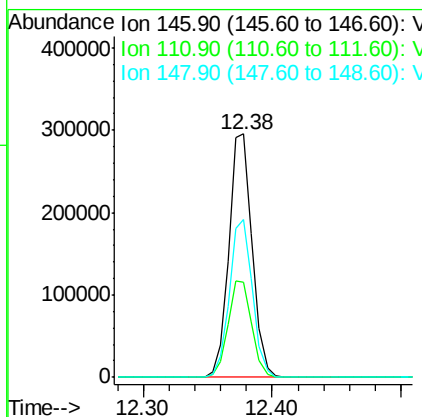
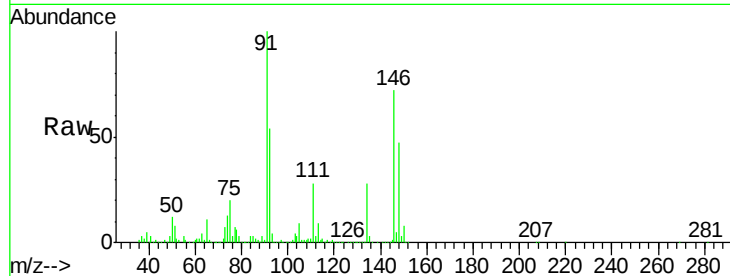
#91
 1,2-Dichlorobenzene
 Concen: 23.445 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	61.0
148	64.2	32.0	96.0

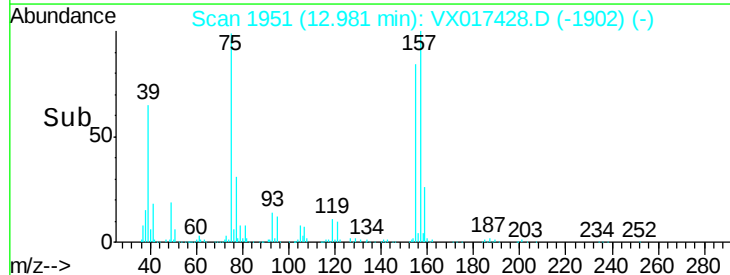
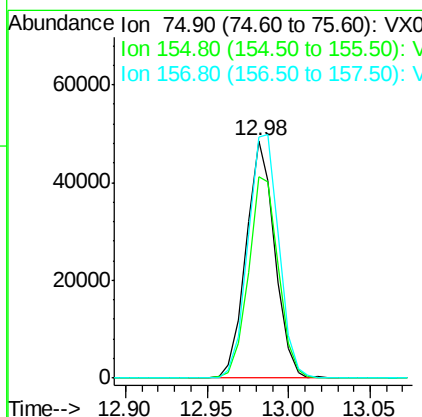
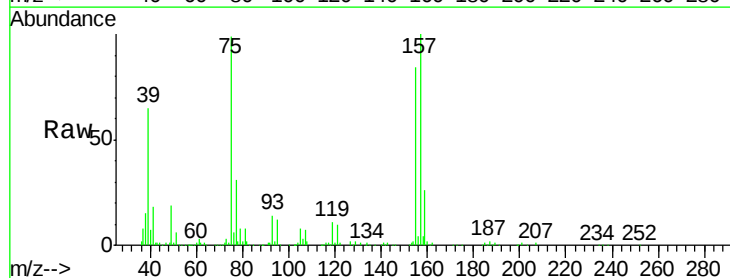
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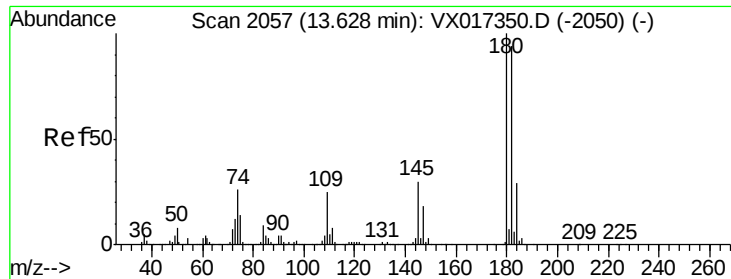
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.336 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	46.5	139.3
157	110.0	58.0	173.9





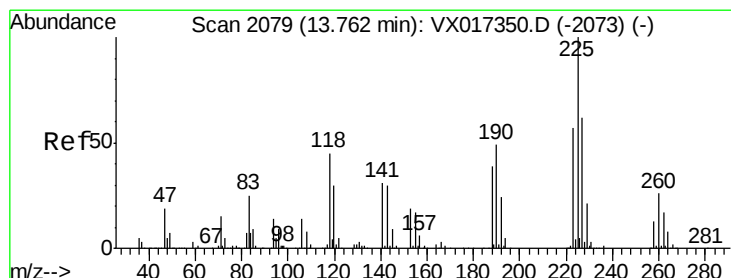
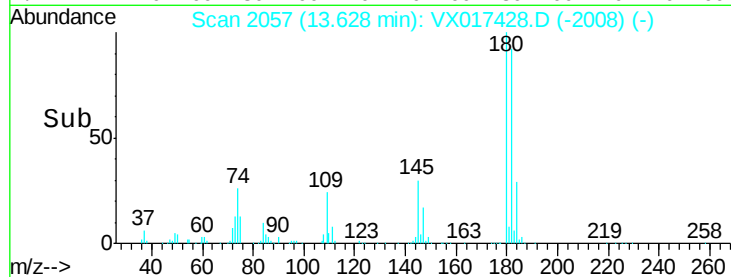
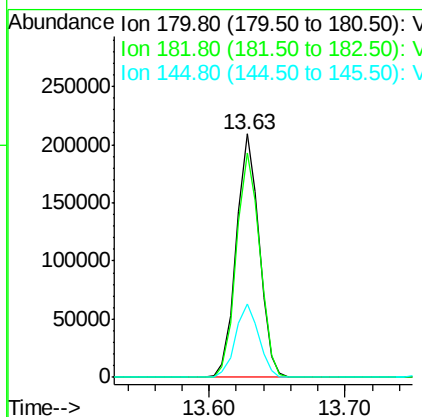
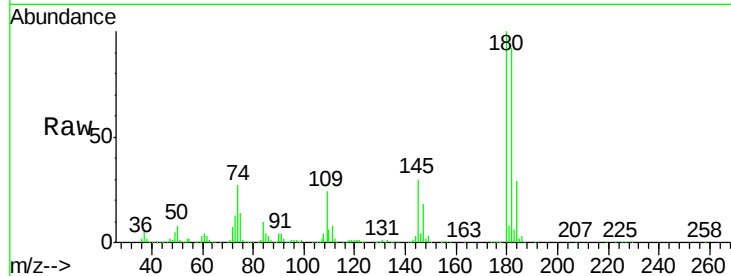
#93
 1,2,4-Trichlorobenzene
 Concen: 22.070 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244882		
182	94.1	48.4	145.0	
145	30.7	15.3	45.8	

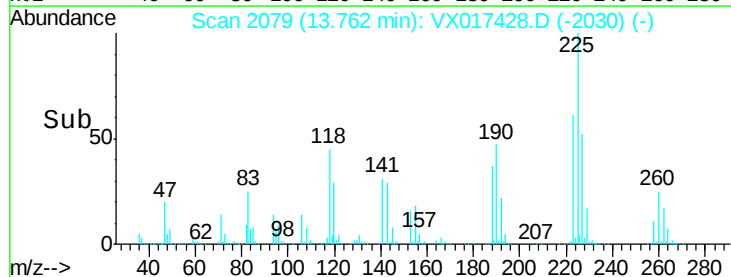
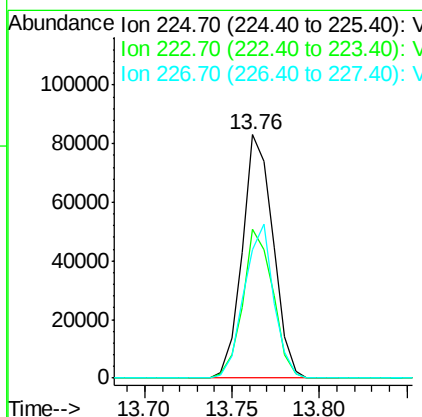
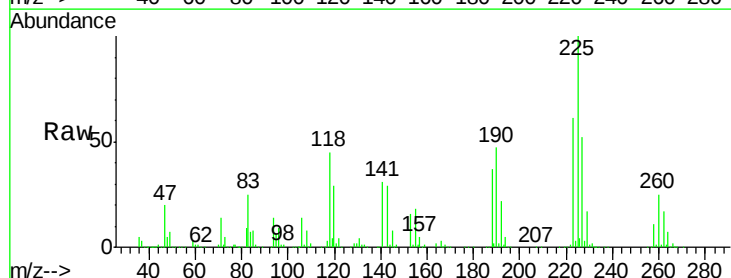
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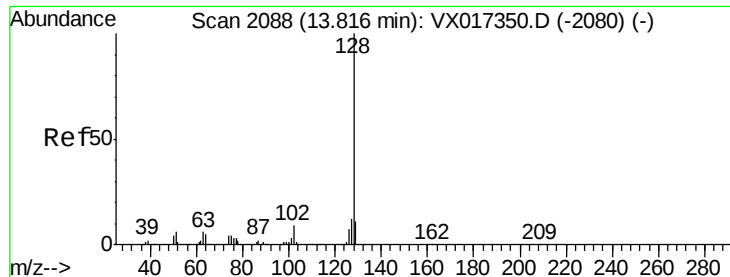
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#94
 Hexachlorobutadiene
 Concen: 22.452 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101597		
223	59.9	31.3	93.8	
227	60.6	31.6	95.0	





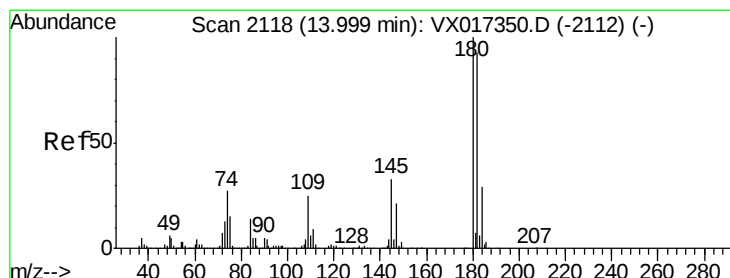
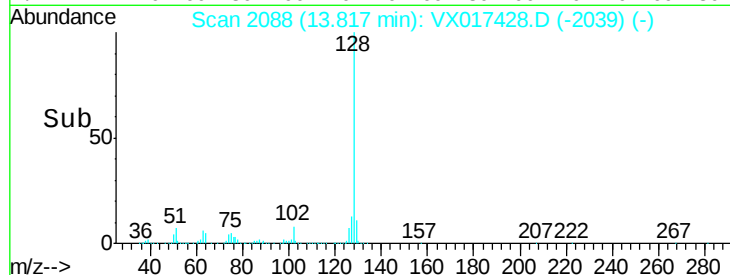
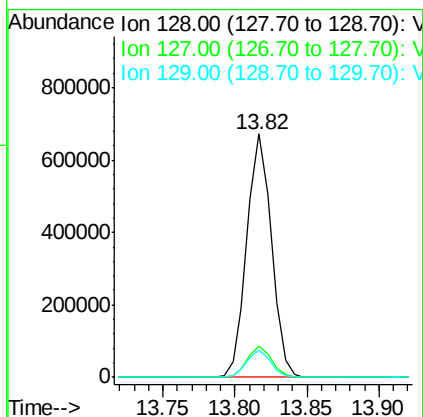
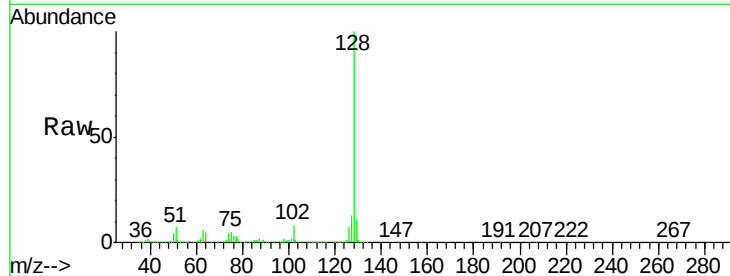
#95
Naphthalene
Concen: 24.387 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.573 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.8	146.3
145	32.3	16.6	49.7

