

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100219\
 Data File : VX012774.D
 Acq On : 02 Oct 2019 21:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 10:50:35 AM

Quant Time: Oct 03 04:39:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113458	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.49	113	88560	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	327649	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.13	95	126264	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83393	43.308	ug/l	100
3) Chloromethane	1.32	50	94189	42.598	ug/l	100
4) Vinyl Chloride	1.40	62	97580	44.399	ug/l	95
5) Bromomethane	1.62	94	29229	33.826	ug/l	99
6) Chloroethane	1.70	64	62621	42.266	ug/l	97
7) Trichlorofluoromethane	1.92	101	140149	45.419	ug/l	97
8) Diethyl Ether	2.18	74	57291	45.306	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89999	47.886	ug/l	97
10) Methyl Iodide	2.50	142	67186	35.525	ug/l	94
11) Tert butyl alcohol	3.04	59	149315	239.806	ug/l	100
12) 1,1-Dichloroethene	2.36	96	88300	47.980	ug/l	96
13) Acrolein	2.28	56	61640	180.671	ug/l	98
14) Allyl chloride	2.72	41	166141	45.502	ug/l	97
15) Acrylonitrile	3.14	53	316649	250.667	ug/l	98
16) Acetone	2.44	43	273673	207.290	ug/l	97
17) Carbon Disulfide	2.56	76	218883	42.425	ug/l	100
18) Methyl Acetate	2.76	43	154889	49.824	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	337862	48.502	ug/l	97
20) Methylene Chloride	2.84	84	108045	48.385	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	98211	48.170	ug/l	98
22) Diisopropyl ether	3.84	45	336323	47.670	ug/l	98
23) Vinyl Acetate	3.81	43	1460234	236.013	ug/l	97
24) 1,1-Dichloroethane	3.68	63	185122	48.271	ug/l	98
25) 2-Butanone	4.67	43	436185	230.416	ug/l	97
26) 2,2-Dichloropropane	4.57	77	130281	38.196	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	113107	47.811	ug/l	92
28) Bromochloromethane	5.00	49	63367	45.506	ug/l	96
29) Tetrahydrofuran	5.12	42	281469	243.947	ug/l	96
30) Chloroform	5.20	83	188460	48.033	ug/l	97
31) Cyclohexane	5.57	56	159358	45.932	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	164170	47.211	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134579	46.686	ug/l	97
37) Ethyl Acetate	4.82	43	163433	48.495	ug/l	98
38) Carbon Tetrachloride	5.78	117	139952	47.793	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161796	46.623	ug/l	97
40) Benzene	6.14	78	415802	49.024	ug/l	99
41) Methacrylonitrile	5.03	41	88463	46.784	ug/l	94
42) 1,2-Dichloroethane	6.18	62	154373	47.930	ug/l	99
43) Isopropyl Acetate	6.43	43	264433	46.919	ug/l	97
44) Trichloroethene	7.21	130	107238	49.458	ug/l	95
45) 1,2-Dichloropropane	7.51	63	108287	49.868	ug/l	99
46) Dibromomethane	7.65	93	71613	48.437	ug/l	99
47) Bromodichloromethane	7.89	83	143719	48.638	ug/l	99
48) Methyl methacrylate	7.76	41	131420	48.631	ug/l	93
49) 1,4-Dioxane	7.73	88	63699	1039.222	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	857387	246.450	ug/l	95
52) Toluene	8.78	92	265219	49.753	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	154780	47.343	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171045	47.917	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	108144	51.027	ug/l	97
56) Ethyl methacrylate	9.17	69	175364	49.252	ug/l	92
57) 1,3-Dichloropropane	9.37	76	180014	48.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	398362	249.253	ug/l	99
59) 2-Hexanone	9.49	43	663009	248.978	ug/l	95
60) Dibromochloromethane	9.58	129	109258	50.927	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112153	50.848	ug/l	98
64) Tetrachloroethene	9.33	164	94646	50.014	ug/l	94
65) Chlorobenzene	10.14	112	277197	48.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102301	49.400	ug/l	99
67) Ethyl Benzene	10.24	91	502778	48.500	ug/l	99
68) m/p-Xylenes	10.35	106	381346	98.201	ug/l	98
69) o-Xylene	10.70	106	184263	49.038	ug/l	99
70) Styrene	10.71	104	321900	51.101	ug/l	98
71) Bromoform	10.85	173	73511	50.980	ug/l #	98
73) Isopropylbenzene	11.01	105	487978	46.533	ug/l	99
74) N-amyl acetate	10.89	43	232272	46.427	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	171250	49.308	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161989m	47.561	ug/l	
77) Bromobenzene	11.25	156	114573	48.273	ug/l	97
78) n-propylbenzene	11.35	91	550831	46.656	ug/l	99
79) 2-Chlorotoluene	11.42	91	342248	46.469	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	418548	47.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50858	42.792	ug/l	97
82) 4-Chlorotoluene	11.51	91	388157	46.232	ug/l	99
83) tert-Butylbenzene	11.77	119	404969	47.739	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	420873	47.442	ug/l	99
85) sec-Butylbenzene	11.94	105	475340	48.176	ug/l	99
86) p-Isopropyltoluene	12.06	119	431975	48.521	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211282	49.465	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	211046	48.897	ug/l	99
89) n-Butylbenzene	12.38	91	368951	47.029	ug/l	99
90) Hexachloroethane	12.59	117	73583	46.360	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	212320	49.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42050	48.401	ug/l	98

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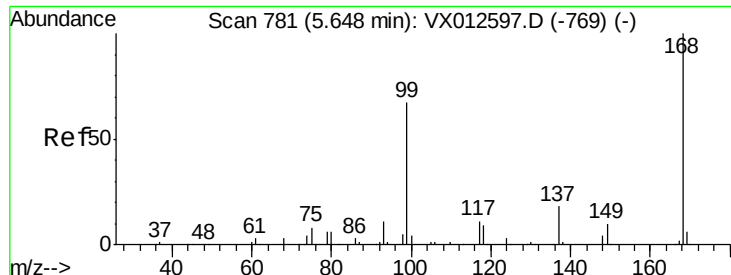
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132940	50.977	ug/l	99
94) Hexachlorobutadiene	13.78	225	57491	51.244	ug/l	99
95) Naphthalene	13.83	128	484789	51.380	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133749	51.199	ug/l	99

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



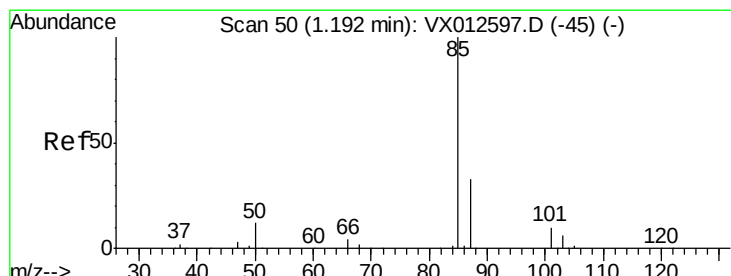
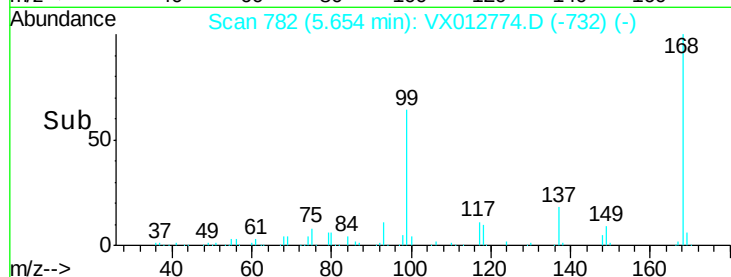
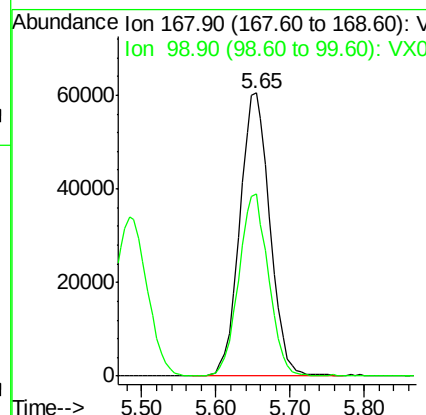
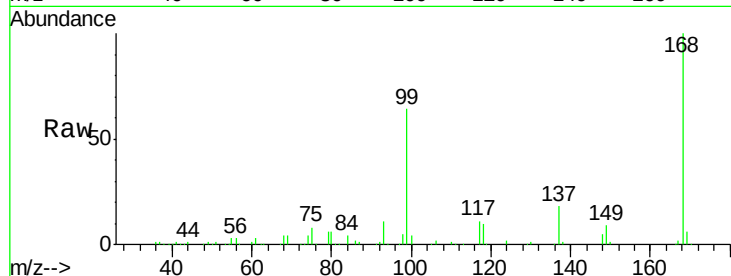
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	64.2	51.4	77.2

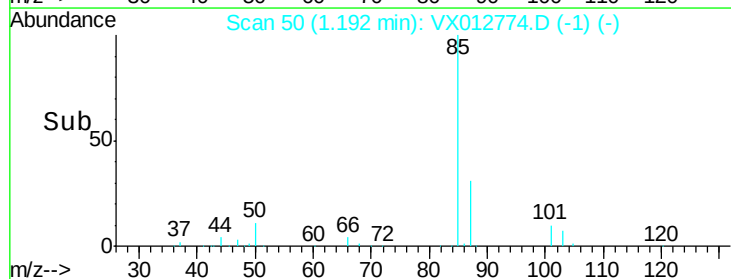
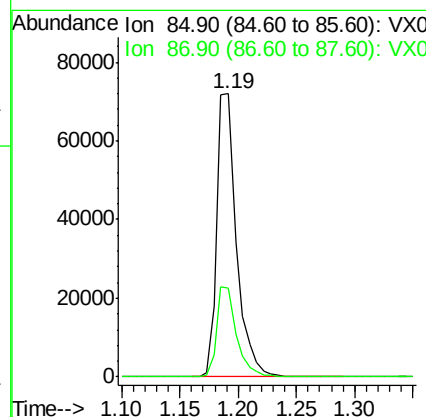
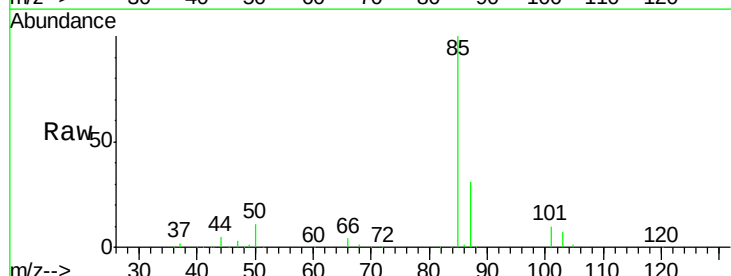
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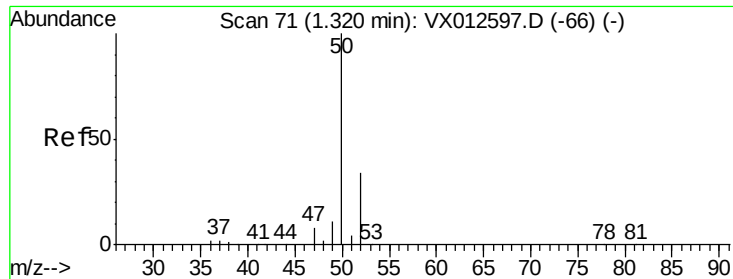
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#2
Dichlorodifluoromethane
Concen: 43.308 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.6	46.8





#3

Chloromethane

Concen: 42.598 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 94189

Ion Ratio Lower Upper

50 100

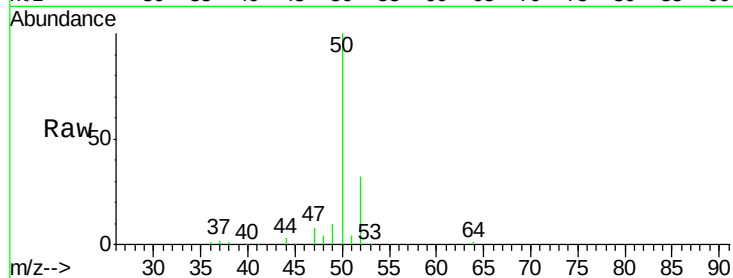
52 31.9 25.7 38.5

Manual Integrations

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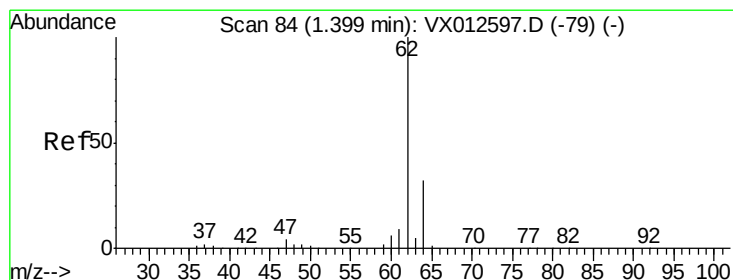
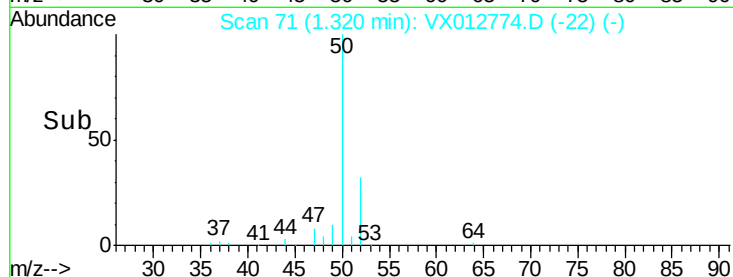
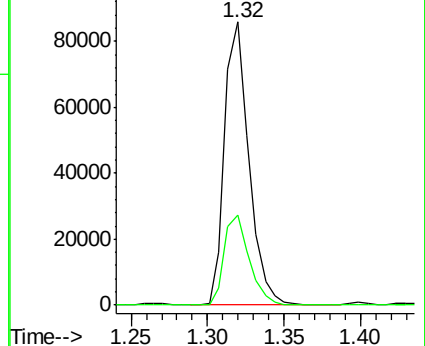
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.399 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012774.D

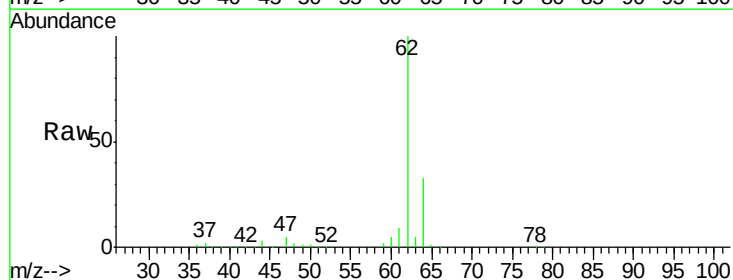
Acq: 02 Oct 2019 21:07

Tgt Ion: 62 Resp: 97580

Ion Ratio Lower Upper

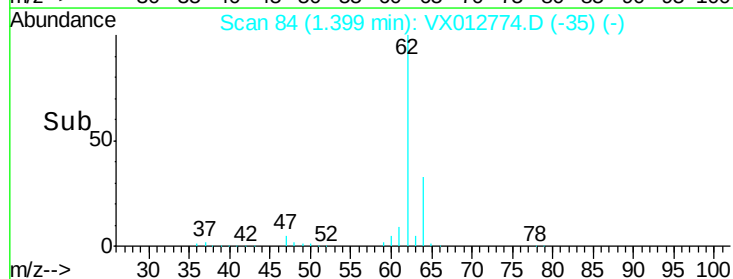
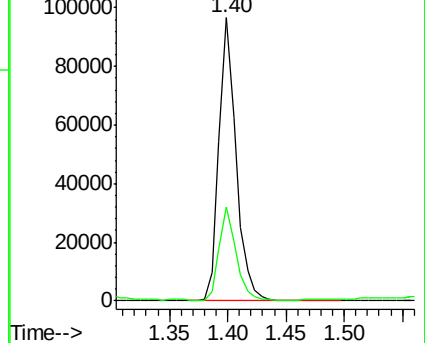
62 100

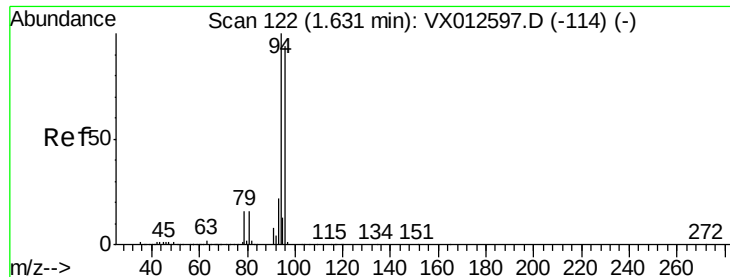
64 32.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.826 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012774.D

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 29229

Ion Ratio Lower Upper

94 100

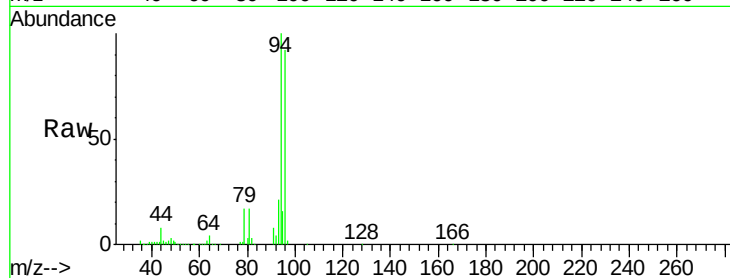
96 91.8 72.8 109.2

Manual Integrations

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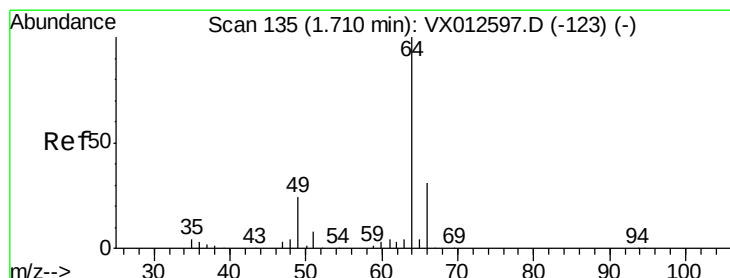
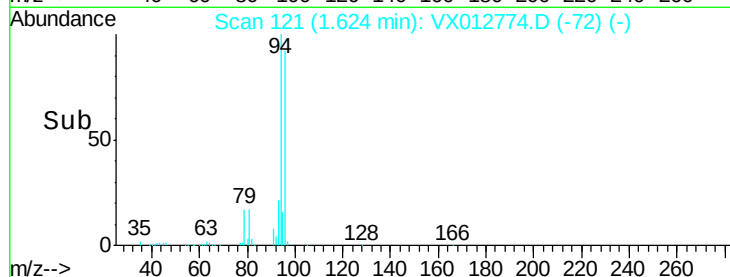
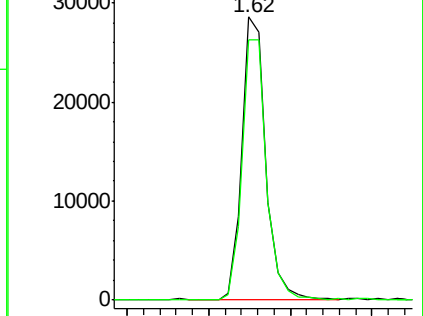
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.266 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012774.D

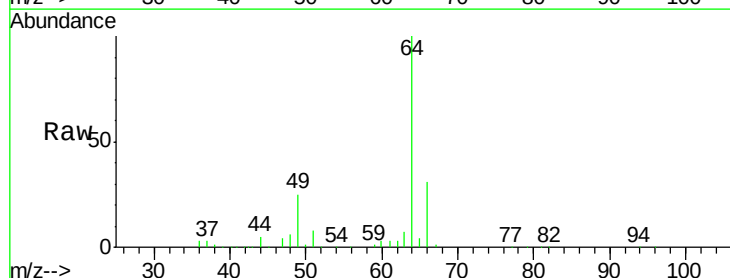
Acq: 02 Oct 2019 21:07

Tgt Ion: 64 Resp: 62621

Ion Ratio Lower Upper

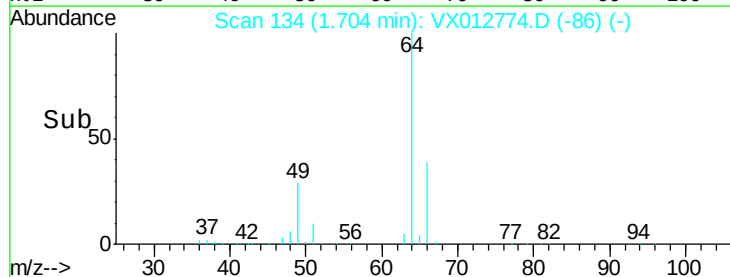
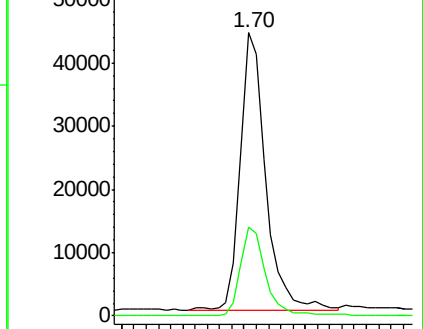
64 100

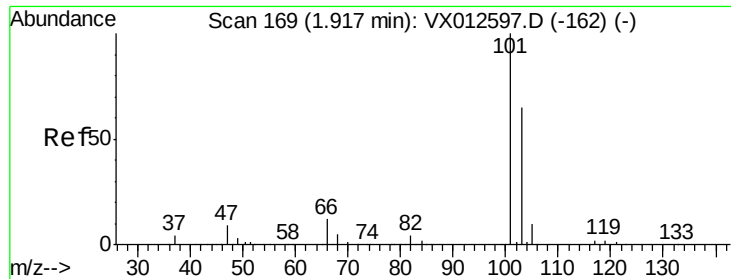
66 31.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

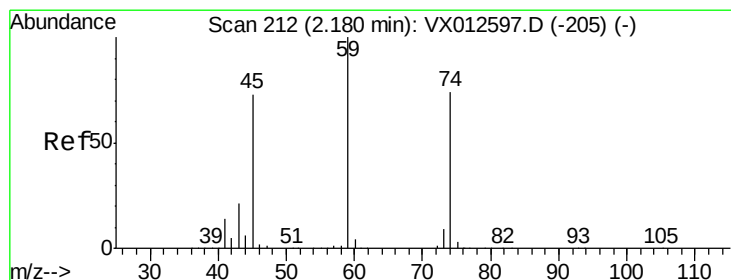
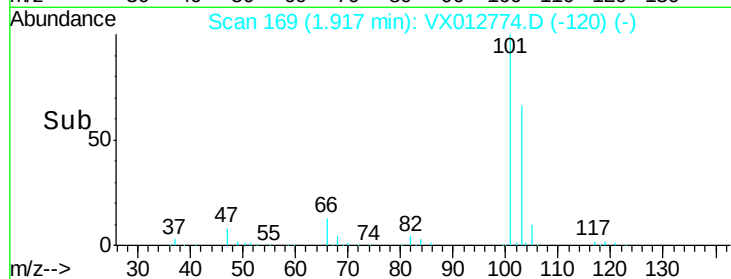
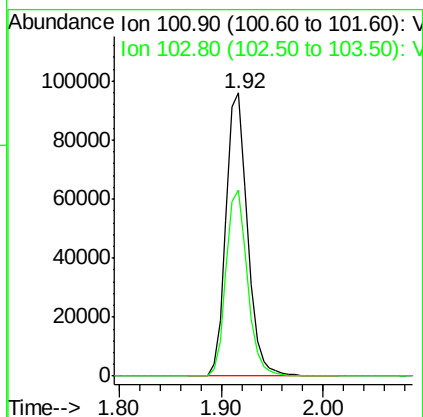
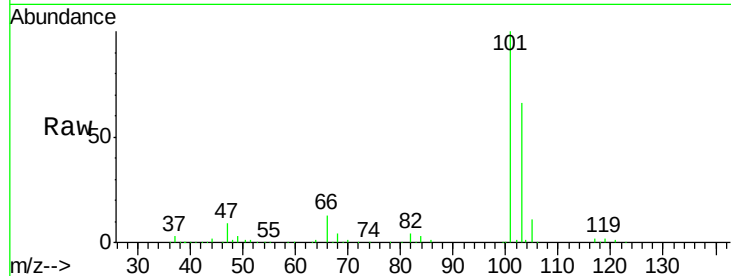
Trichlorofluoromethane
Concen: 45.419 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 140149
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.4

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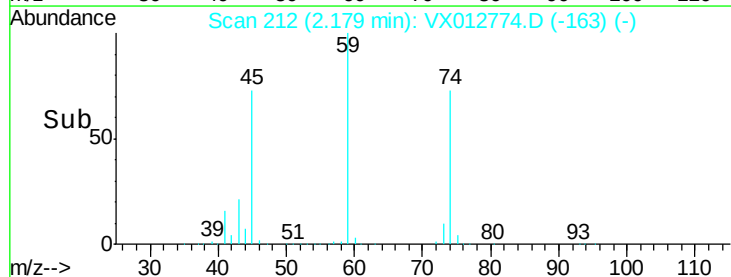
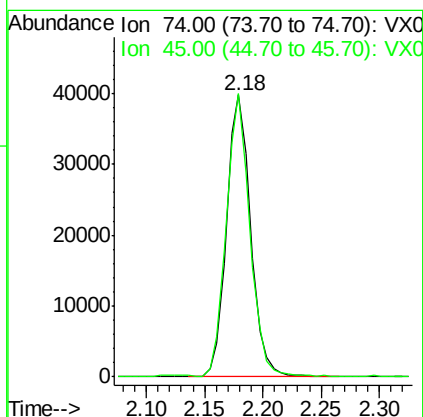
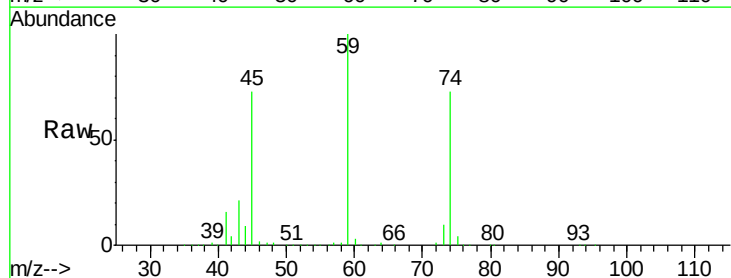
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10/3/2019 10:50:35 AM

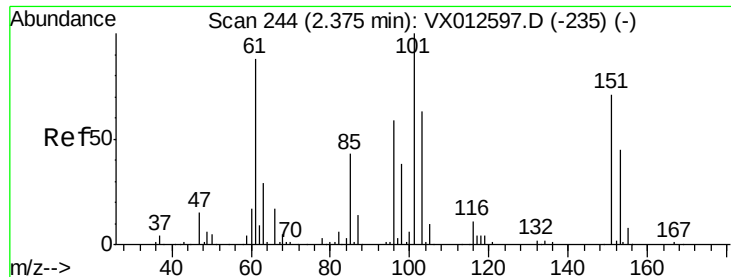


#8

Diethyl Ether
Concen: 45.306 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 74 Resp: 57291
Ion Ratio Lower Upper
74 100
45 98.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.886 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

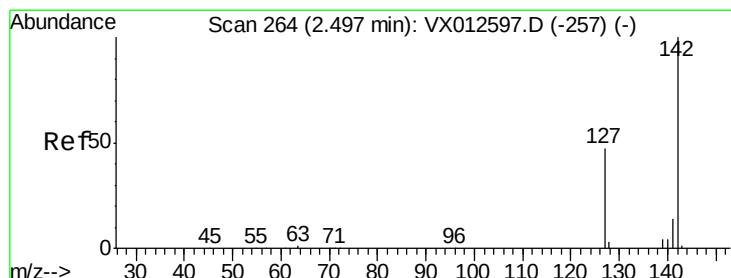
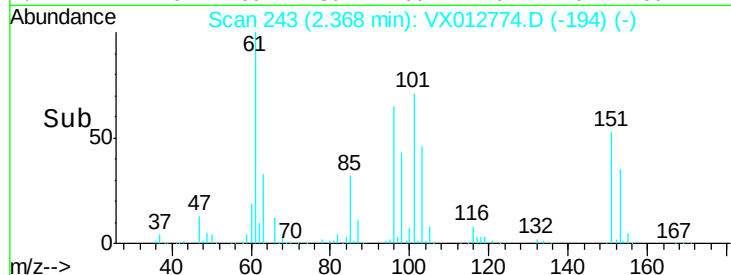
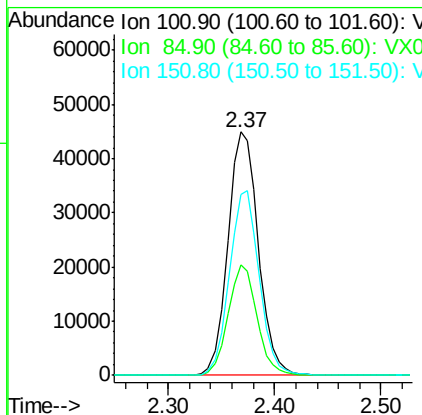
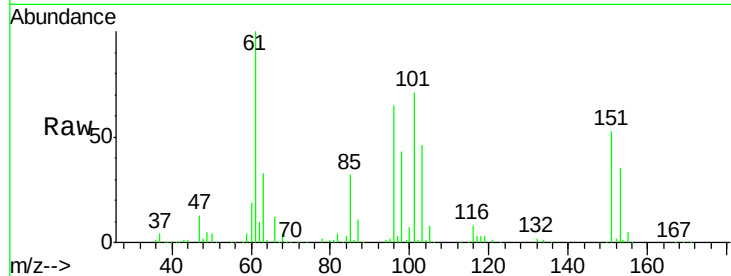
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	89999
Ion Ratio	Lower	Upper	
101	100		
85	43.2	37.3	55.9
151	74.4	61.0	91.4

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10/3/2019 10:50:35 AM



#10

Methyl Iodide

Concen: 35.525 ug/l

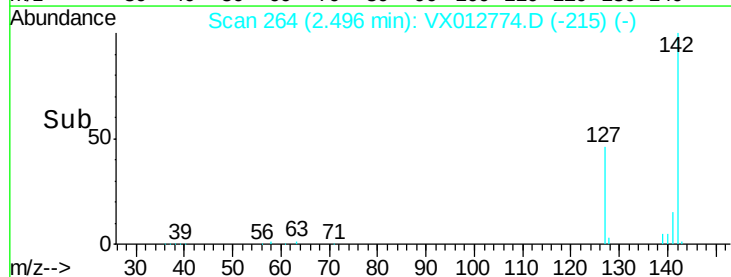
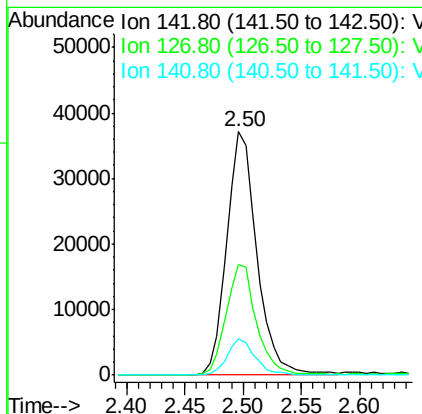
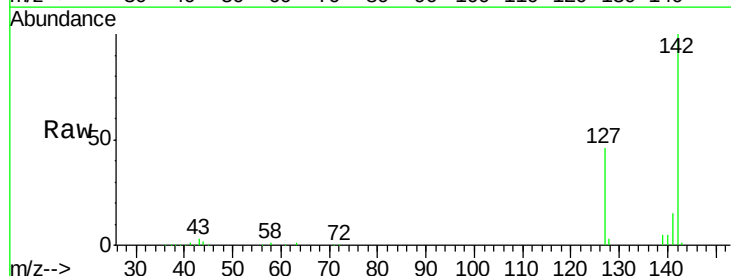
RT: 2.50 min Scan# 264

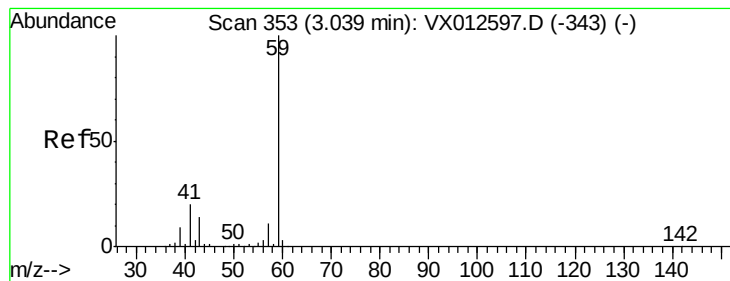
Delta R.T. 0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion:	142	Resp:	67186
Ion Ratio	Lower	Upper	
142	100		
127	46.0	40.8	61.2
141	14.2	12.1	18.1





#11

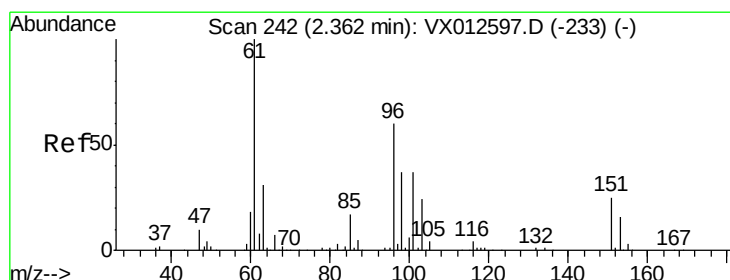
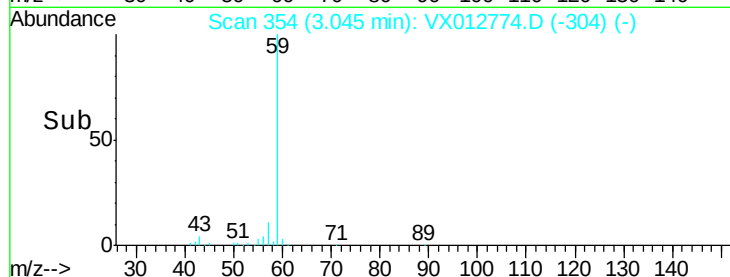
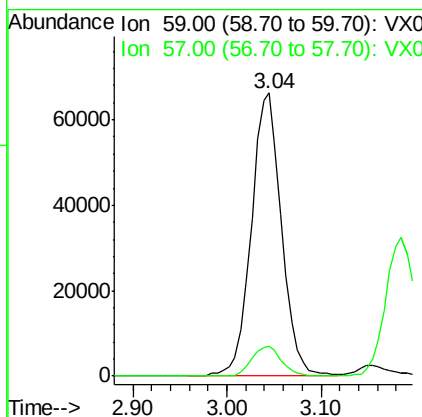
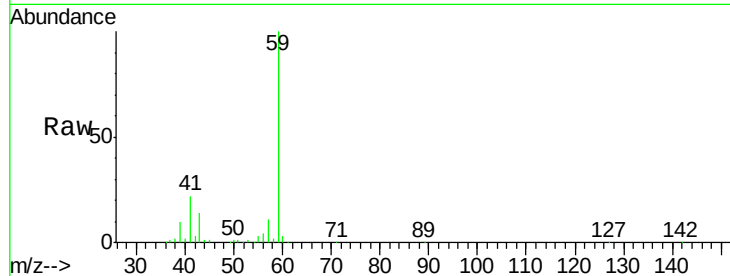
Tert butyl alcohol
Concen: 239.806 ug/l
RT: 3.04 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.4	Resp	149315	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.4	Resp	149315	Lower	8.3	Upper	12.5

Manual Integrations
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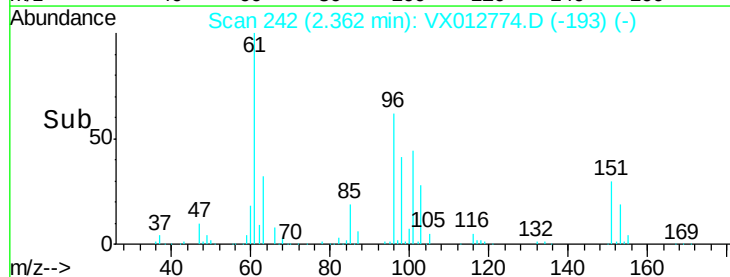
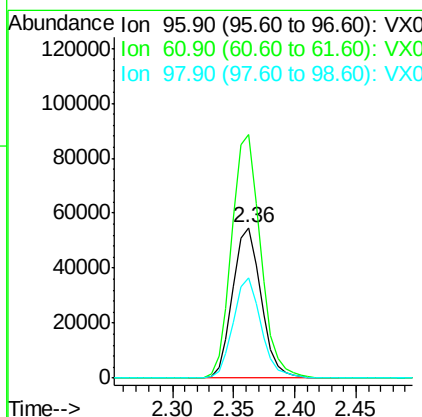
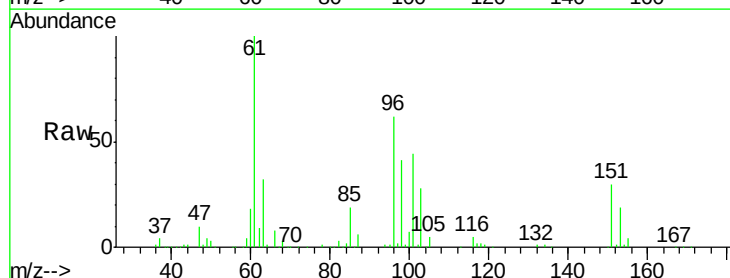
MMDadoda
10/3/2019 10:50:35 AM

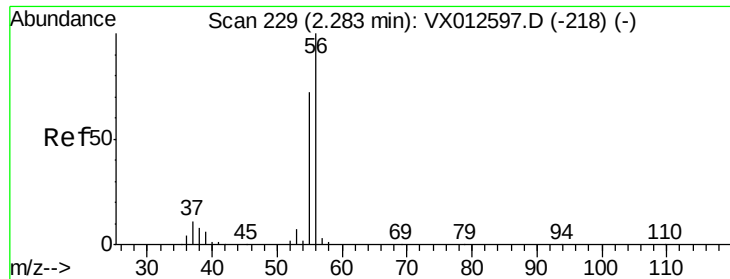


#12

1,1-Dichloroethene
Concen: 47.980 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	96	61	98	Ratio	100	162.1	66.7	Resp	88300	Lower	133.8	49.9	Upper	200.6	74.9
Ion	96	61	98	Ratio	100	162.1	66.7	Resp	88300	Lower	133.8	49.9	Upper	200.6	74.9





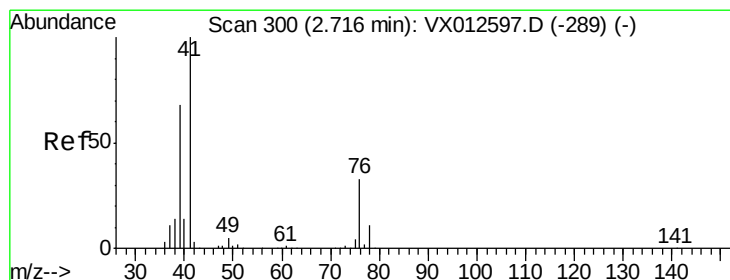
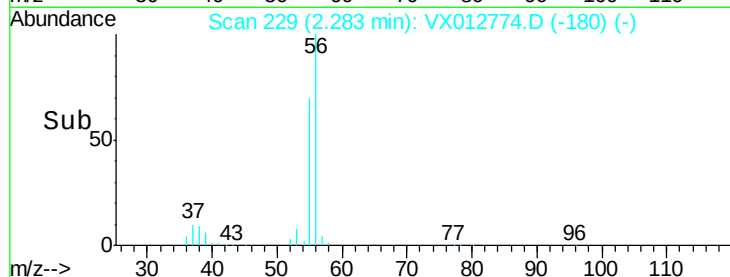
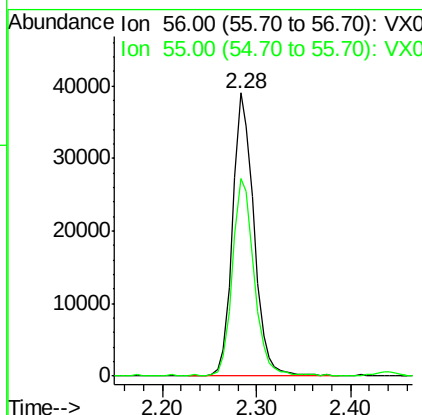
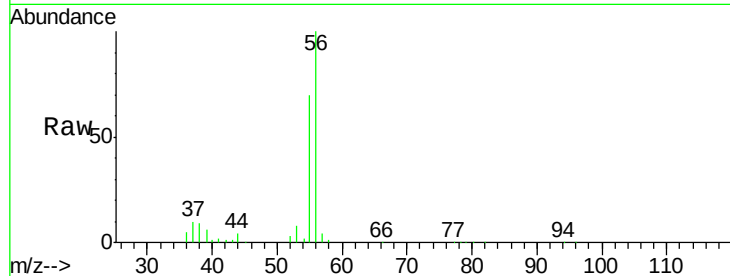
#13
Acrolein
Concen: 180.671 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	61640
Ion Ratio	100	Lower	Upper
55	71.2	55.8	83.8

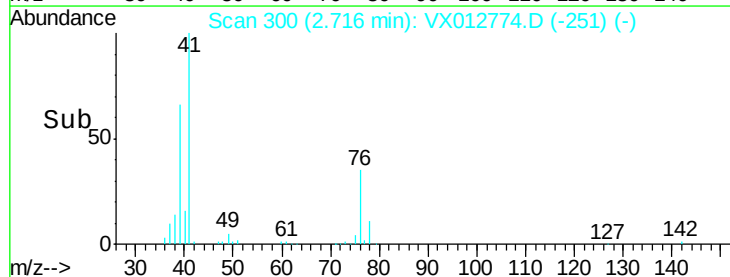
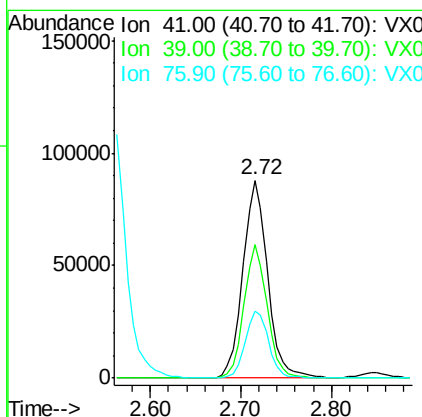
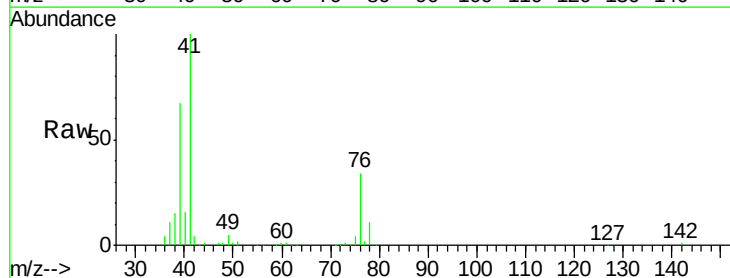
Manual Integrations
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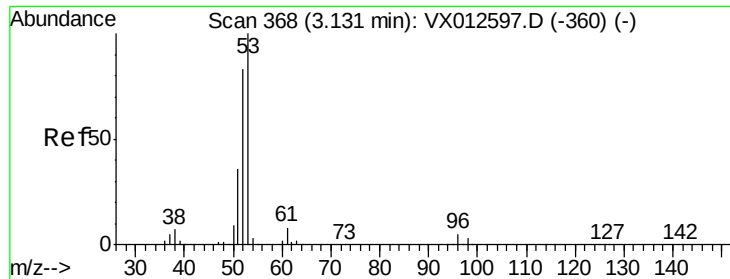
MMDadoda
10/3/2019 10:50:35 AM



#14
Allyl chloride
Concen: 45.502 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	41	Resp	166141
Ion Ratio	100	Lower	Upper
39	63.2	51.3	76.9
76	31.9	22.6	33.8





#15

Acrylonitrile

Concen: 250.667 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

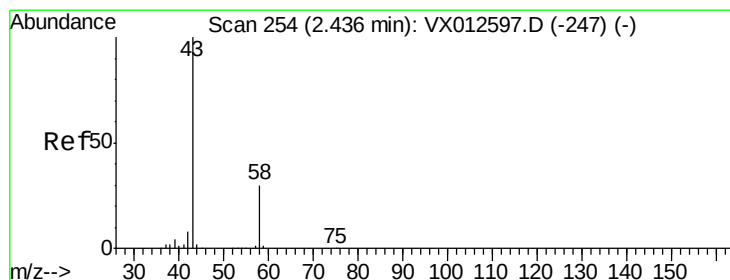
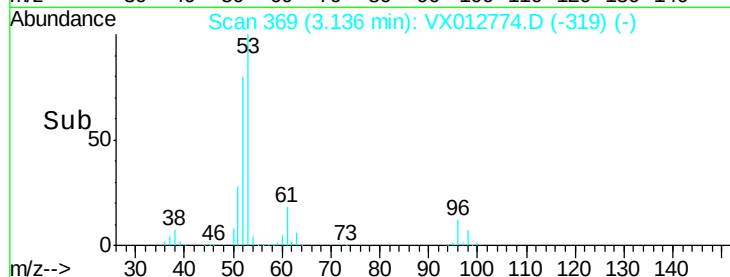
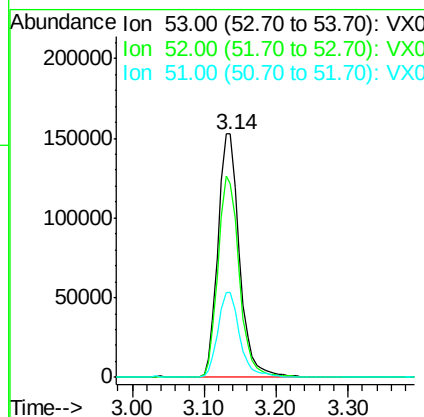
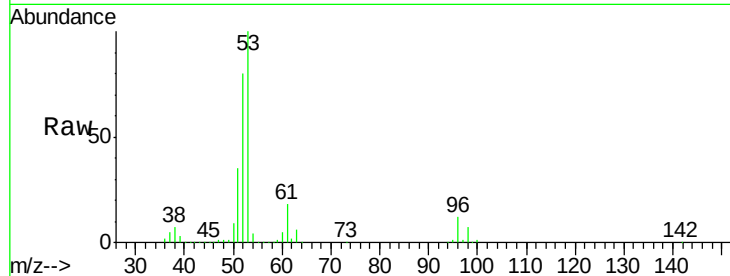
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	316649
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.0	100.4
51	35.8	29.6	44.4

Manual Integrations
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10/3/2019 10:50:35 AM



#16

Acetone

Concen: 207.290 ug/l

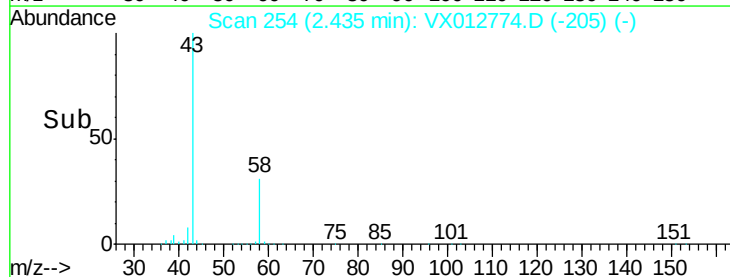
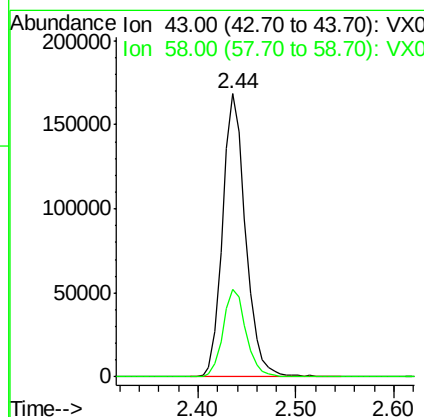
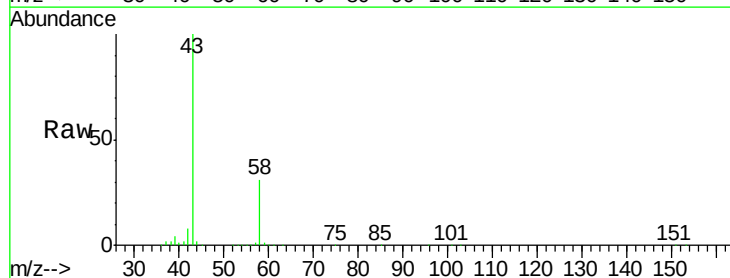
RT: 2.44 min Scan# 254

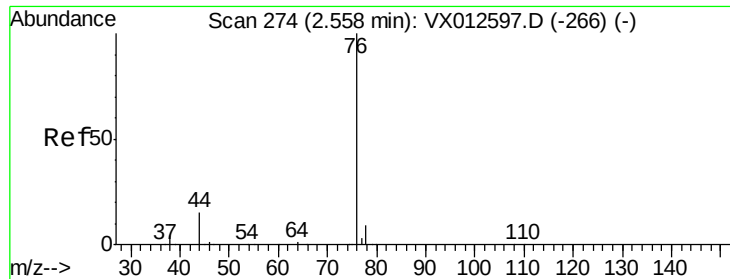
Delta R.T. 0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion:	43	Resp:	273673
Ion	Ratio	Lower	Upper
43	100		
58	30.9	23.3	34.9





#17

Carbon Disulfide

Concen: 42.425 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 218883

Ion Ratio Lower Upper

76 100

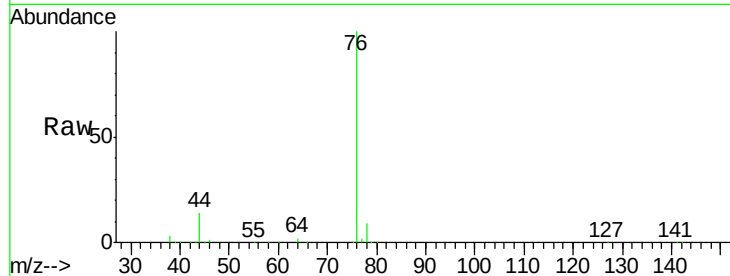
78 9.0 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

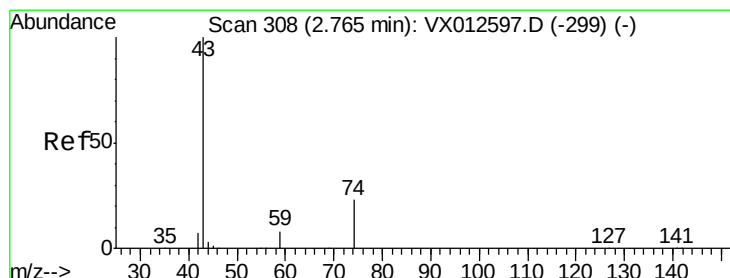
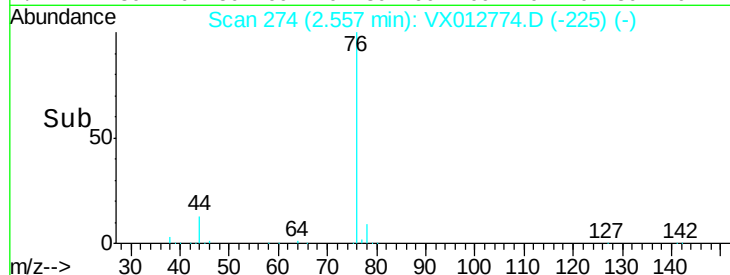
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.824 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012774.D

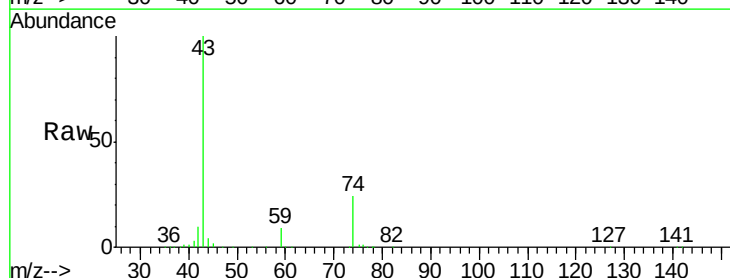
Acq: 02 Oct 2019 21:07

Tgt Ion: 43 Resp: 154889

Ion Ratio Lower Upper

43 100

74 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

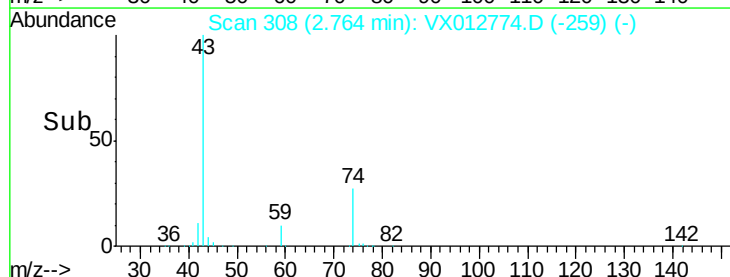
60000

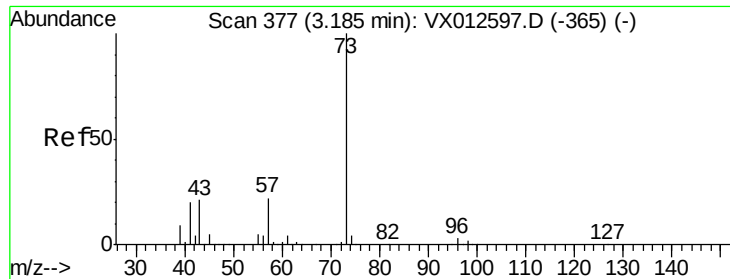
40000

20000

0

Time-->





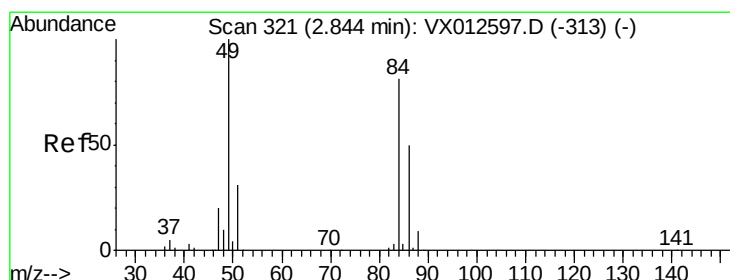
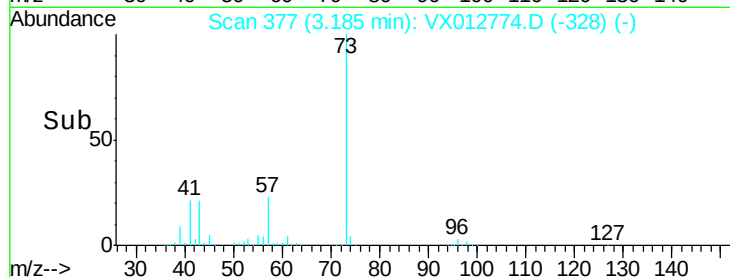
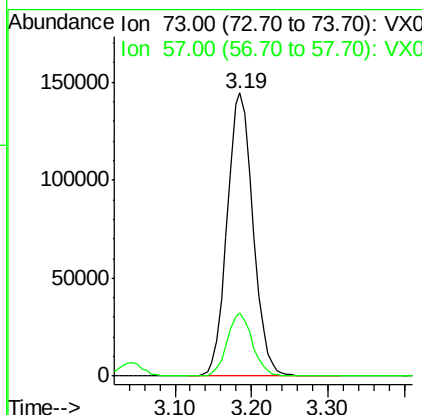
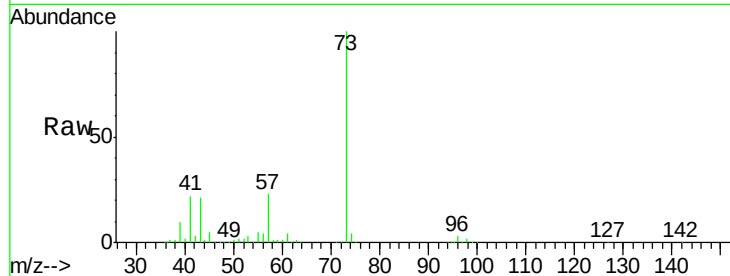
#19
Methyl tert-butyl Ether
Concen: 48.502 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.8	25.2

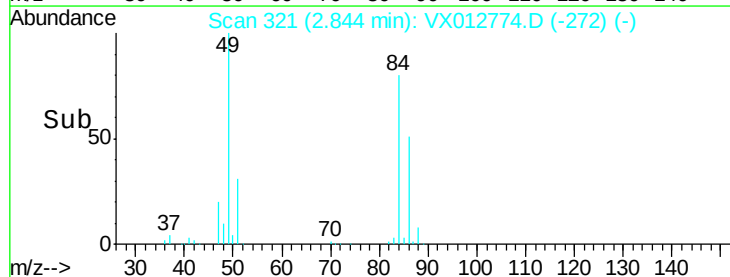
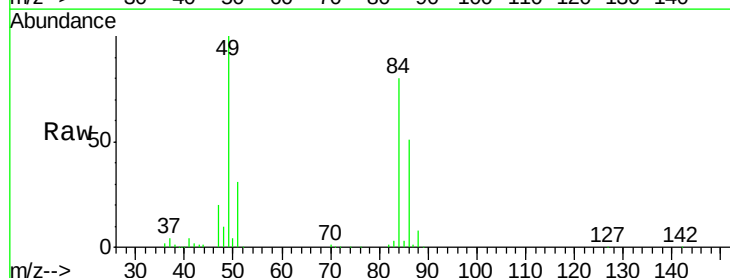
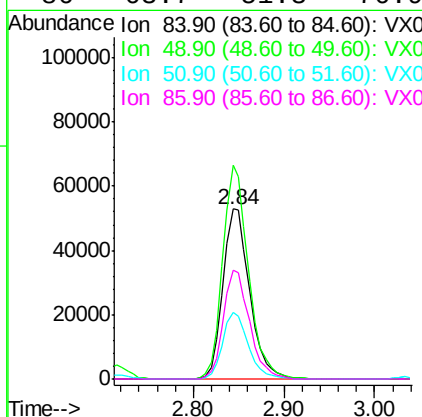
Manual Integrations
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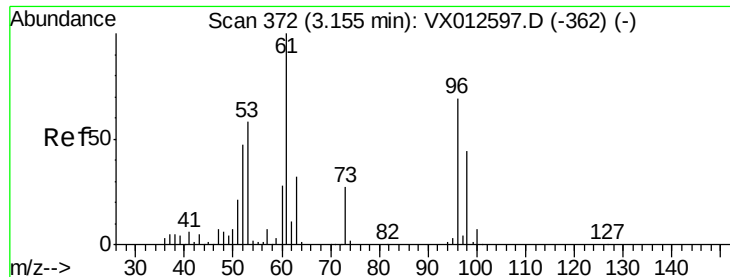
MMDadoda
10/3/2019 10:50:35 AM



#20
Methylene Chloride
Concen: 48.385 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.7	106.8	160.2
51	39.5	32.3	48.5
86	63.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.170 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

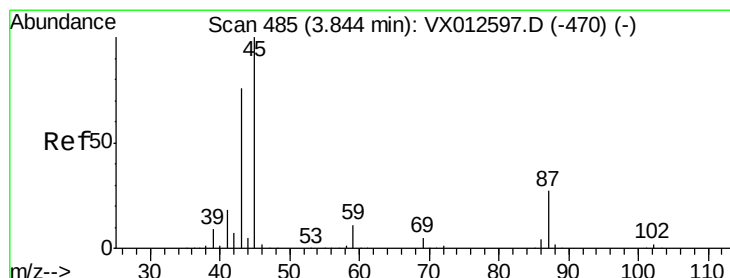
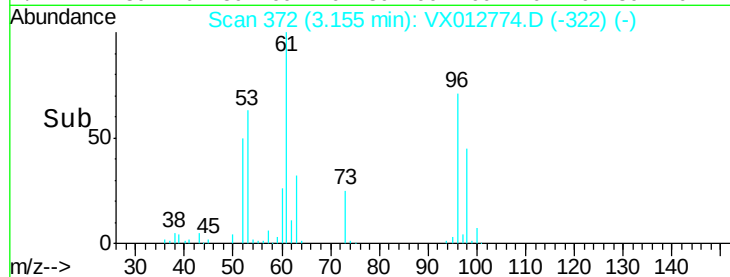
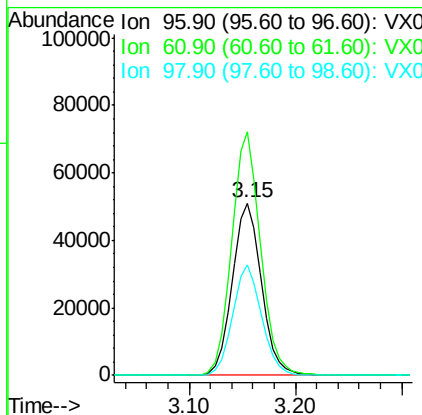
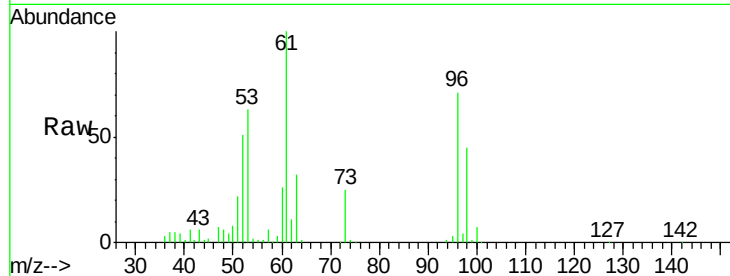
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	98211
Ion	Ratio	Lower	Upper
96	100		
61	141.1	112.0	168.0
98	63.8	47.8	71.8

Manual Integrations
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10/3/2019 10:50:35 AM



#22

Diisopropyl ether

Concen: 47.670 ug/l

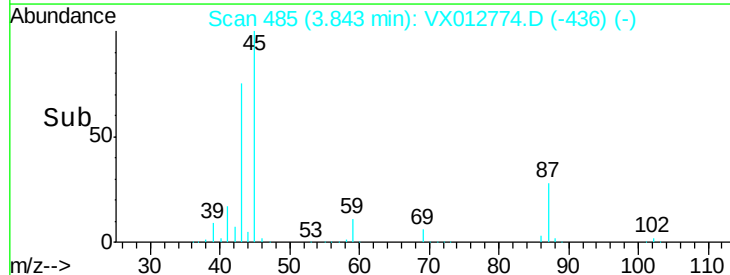
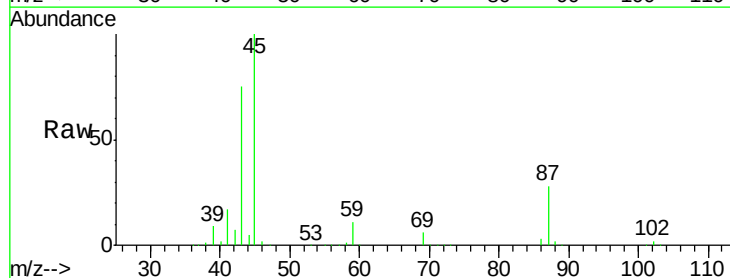
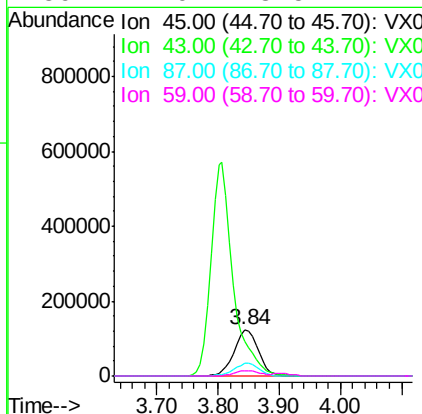
RT: 3.84 min Scan# 485

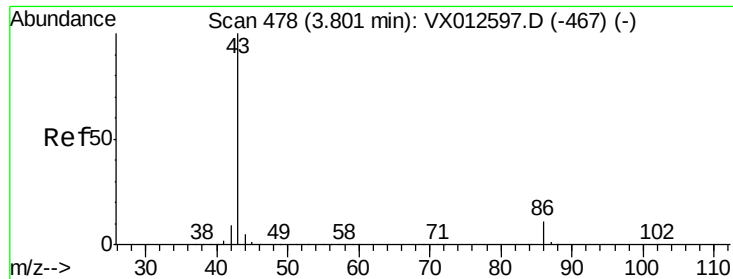
Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion:	45	Resp:	336323
Ion	Ratio	Lower	Upper
45	100		
43	74.2	57.8	86.8
87	28.4	21.3	31.9
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 236.013 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1460234

Ion Ratio Lower Upper

43 100

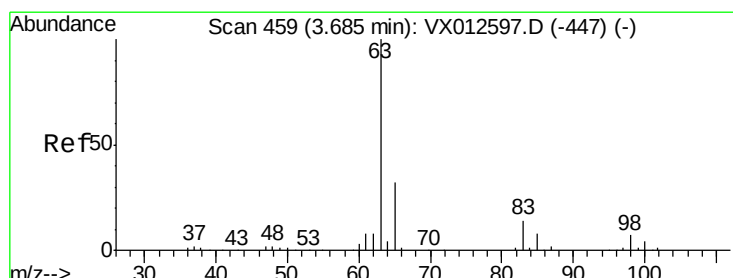
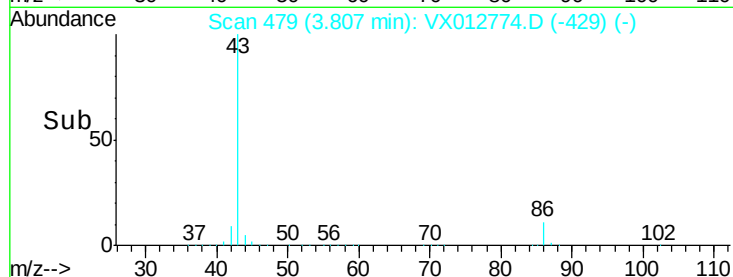
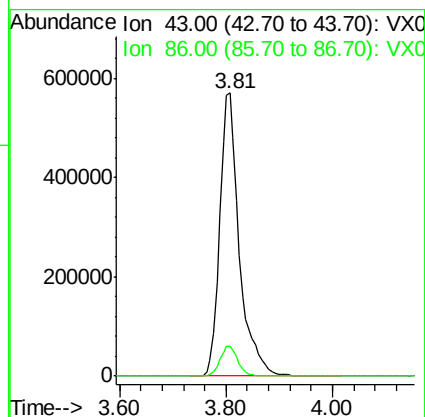
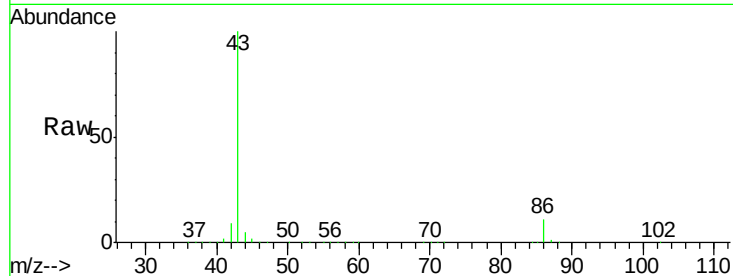
86 10.8 7.8 11.8

Manual Integrations

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MMDadoda

10/3/2019 10:50:35 AM



#24

1,1-Dichloroethane

Concen: 48.271 ug/l

RT: 3.68 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

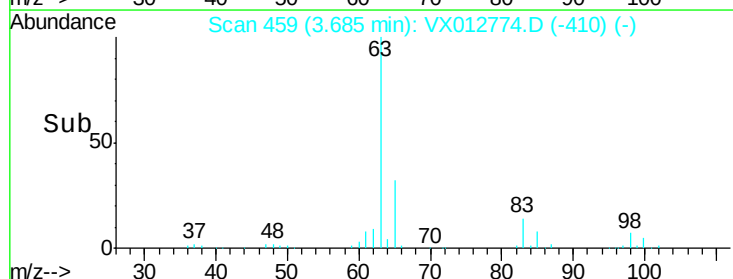
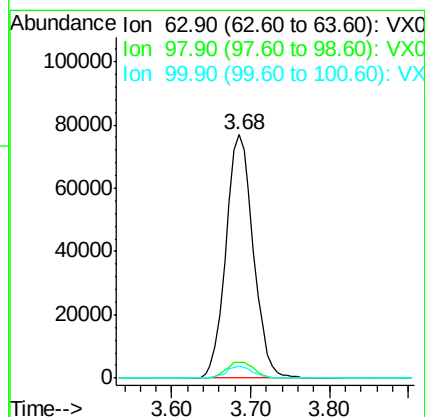
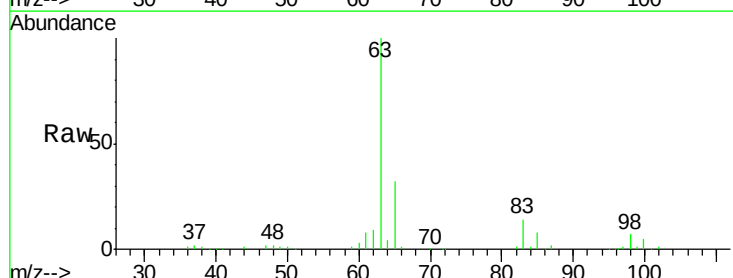
Tgt Ion: 63 Resp: 185122

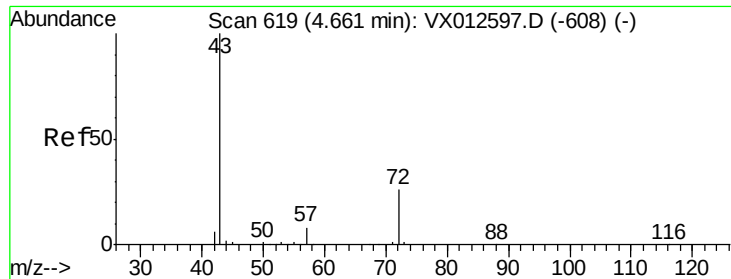
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 230.416 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 436185

Ion Ratio Lower Upper

43 100

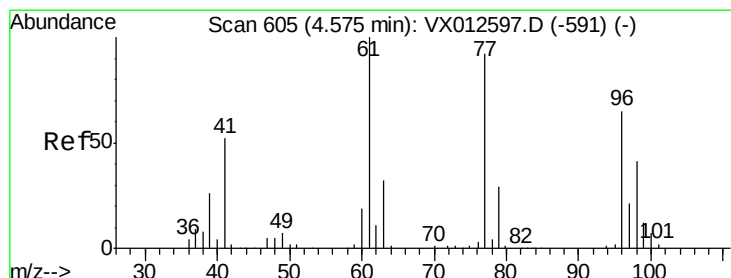
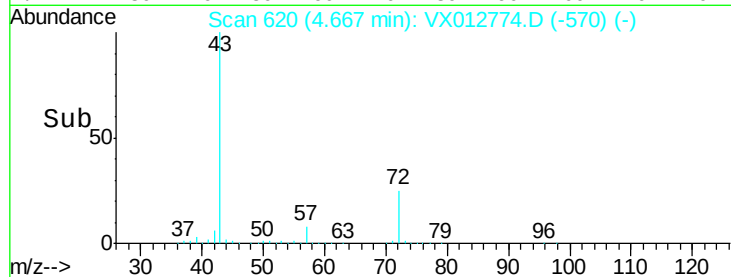
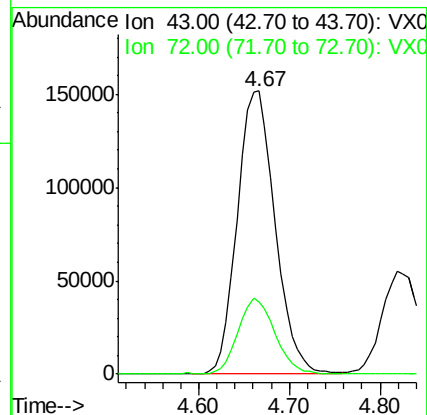
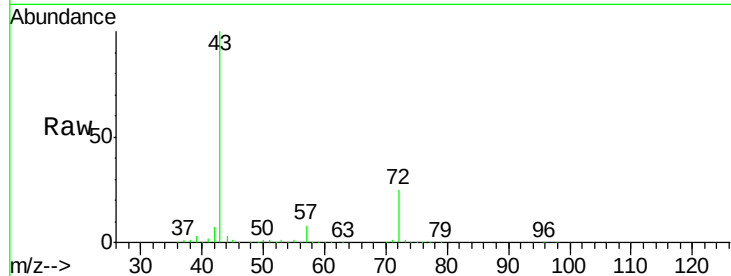
72 25.4 19.2 28.8

Manual Integrations

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MMDadoda

10/3/2019 10:50:35 AM



#26

2,2-Dichloropropane

Concen: 38.196 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012774.D

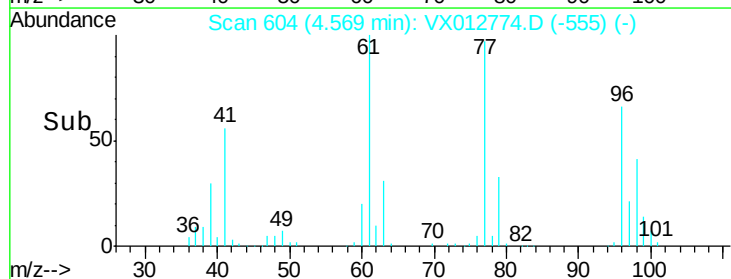
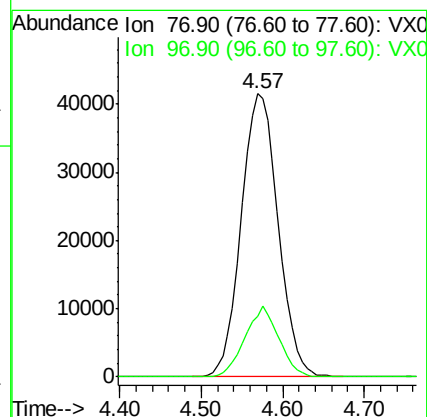
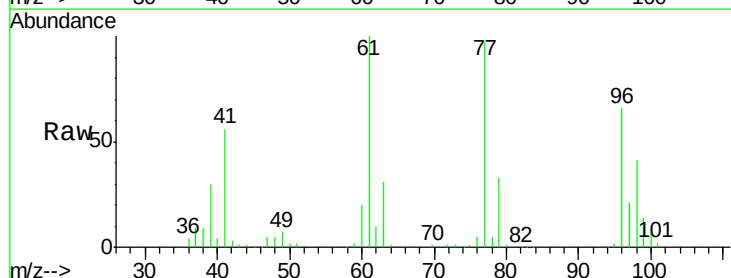
Acq: 02 Oct 2019 21:07

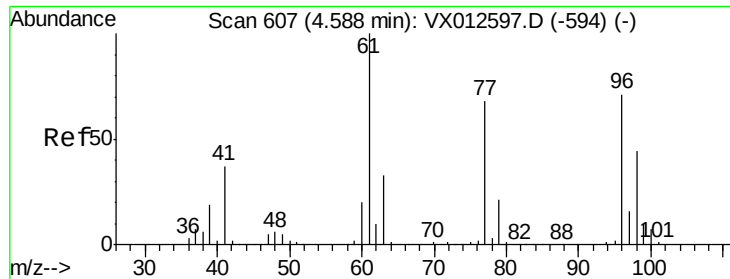
Tgt Ion: 77 Resp: 130281

Ion Ratio Lower Upper

77 100

97 22.9 10.5 31.6





#27

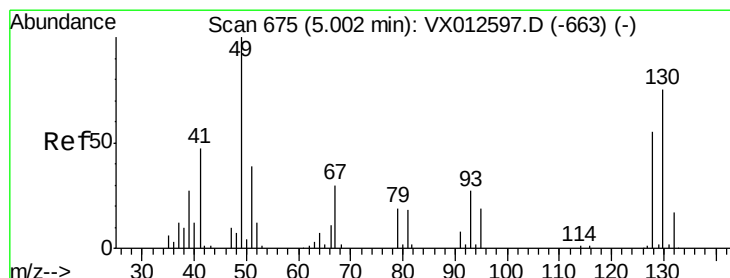
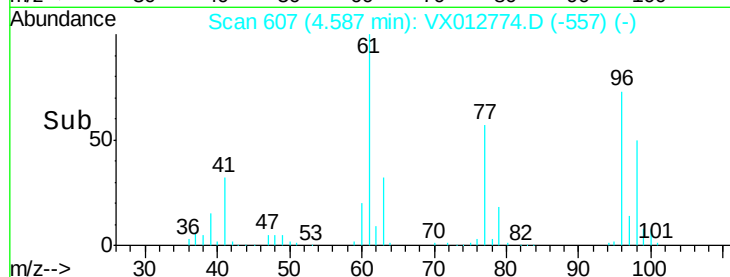
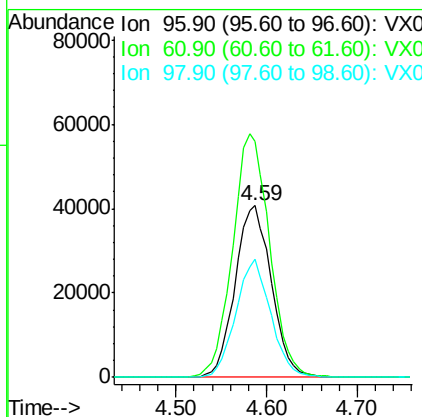
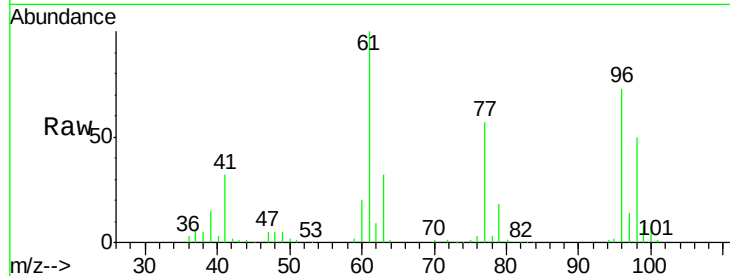
cis-1,2-Dichloroethene
Concen: 47.811 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.0	0.0	319.4	
98	65.9	0.0	130.6	

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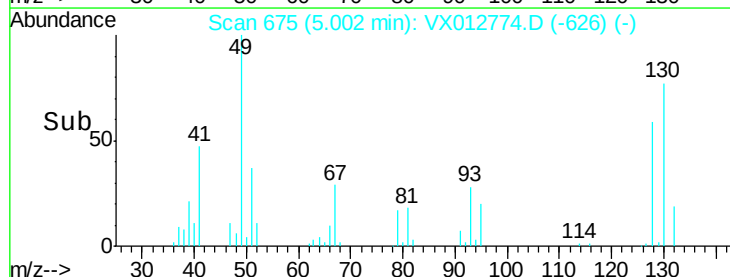
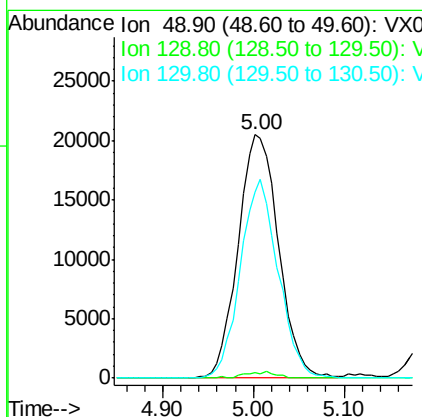
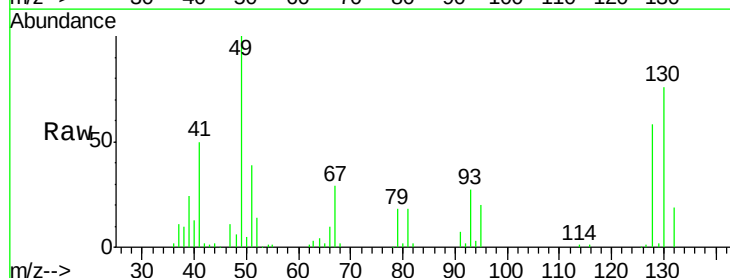
MMDadoda
10/3/2019 10:50:35 AM

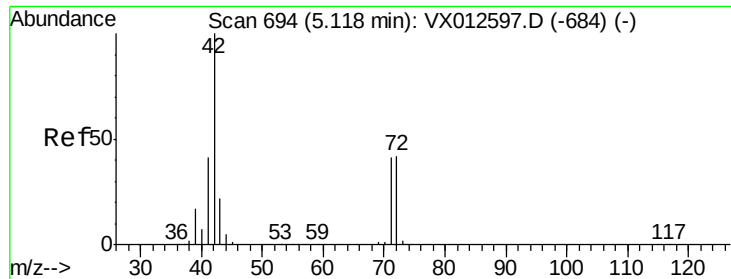


#28

Bromochloromethane
Concen: 45.506 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.8	
130	76.3	58.2	87.4	





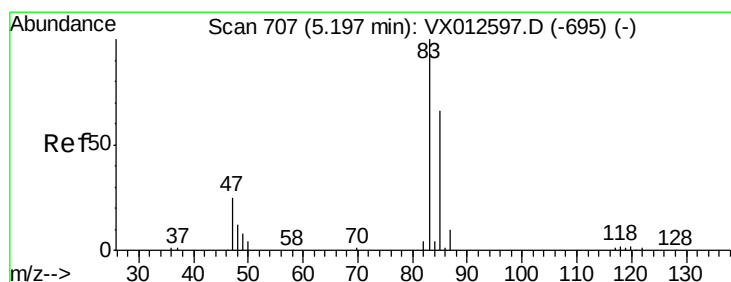
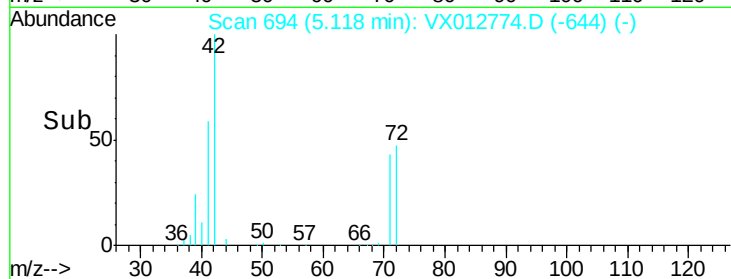
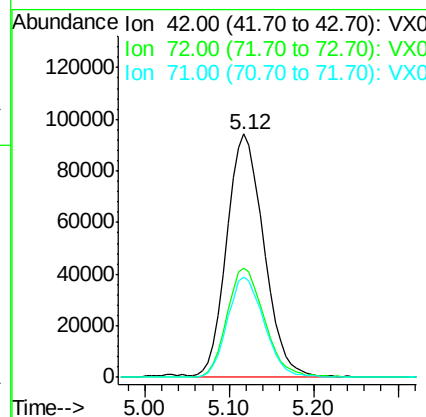
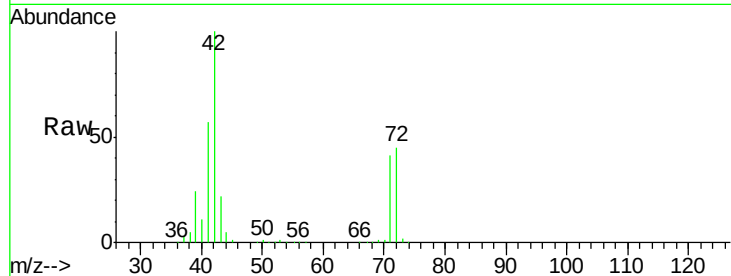
#29
Tetrahydrofuran
Concen: 243.947 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.0	51.0
71	41.3	31.5	47.3

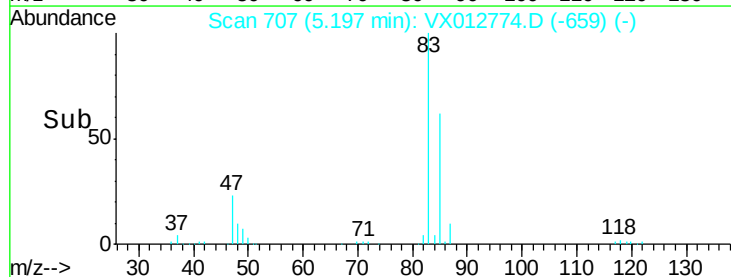
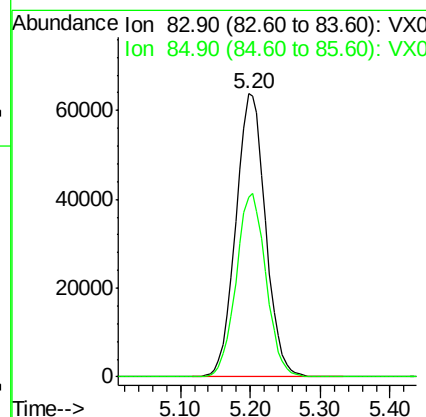
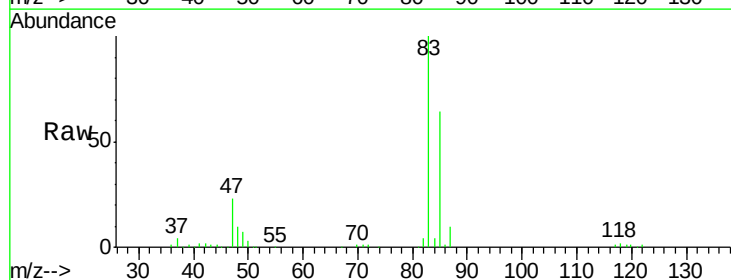
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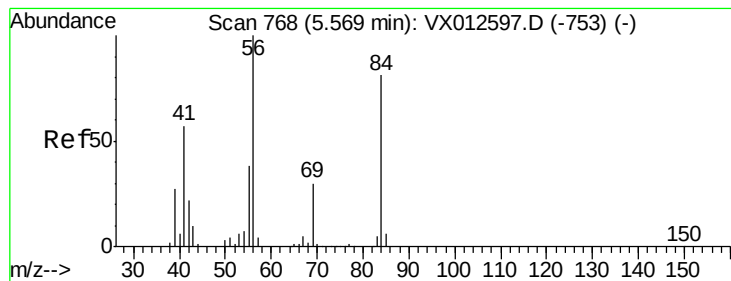
MMDadoda
10/3/2019 10:50:35 AM



#30
Chloroform
Concen: 48.033 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.0	79.4





#31

Cyclohexane

Concen: 45.932 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

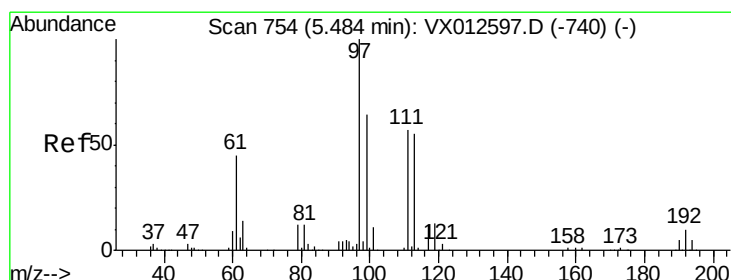
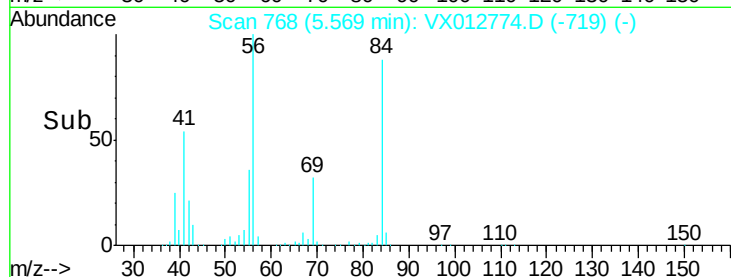
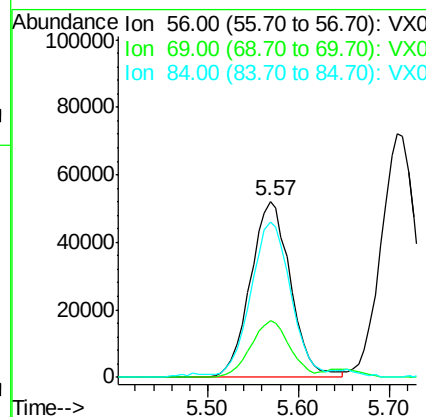
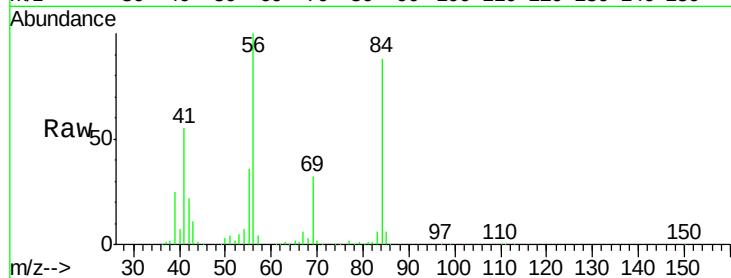
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.0	37.6
84	85.8	66.4	99.6

Manual Integrations
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10/3/2019 10:50:35 AM



#32

1,1,1-Trichloroethane

Concen: 47.211 ug/l

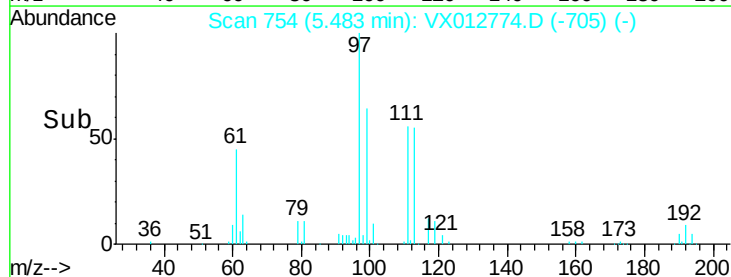
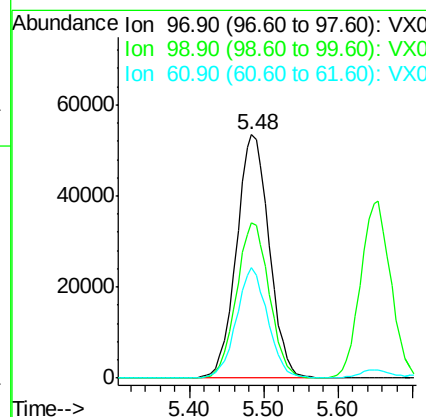
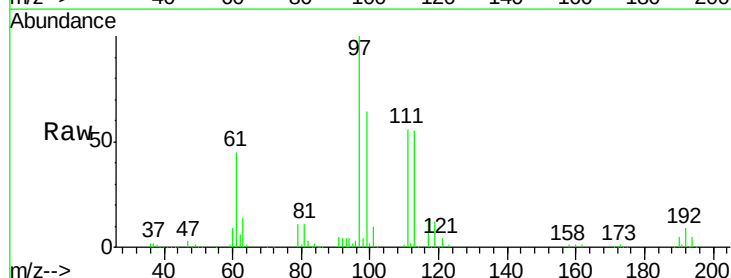
RT: 5.48 min Scan# 754

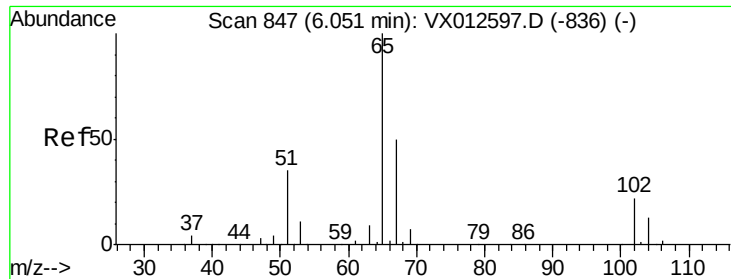
Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	43.6	36.1	54.1





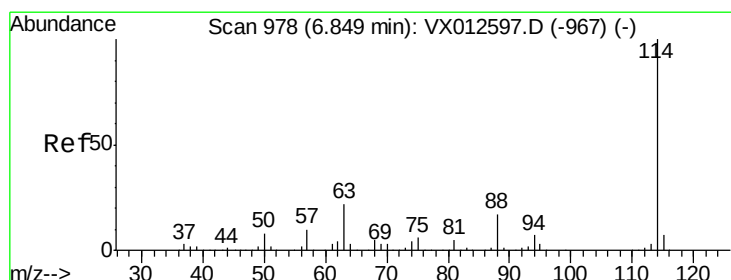
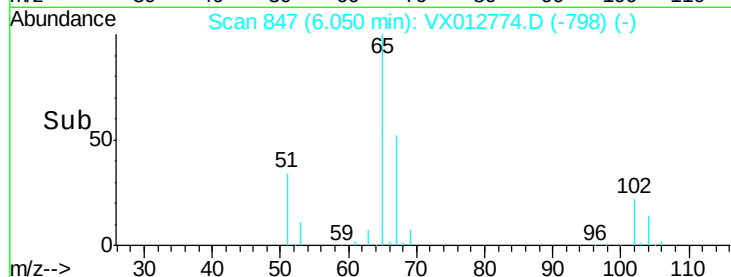
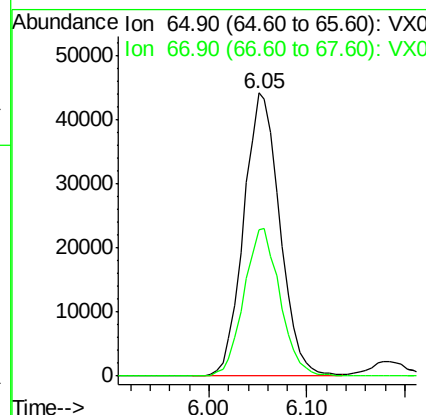
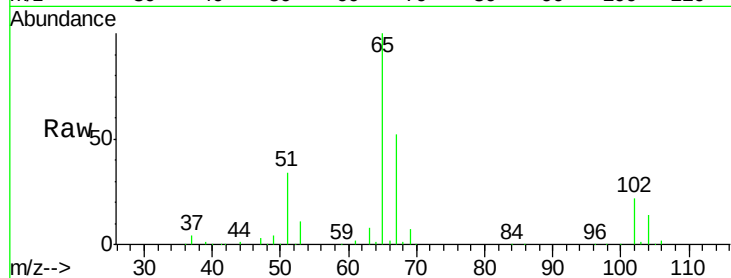
#33
 1,2-Dichloroethane-d4
 Concen: 45.519 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.2

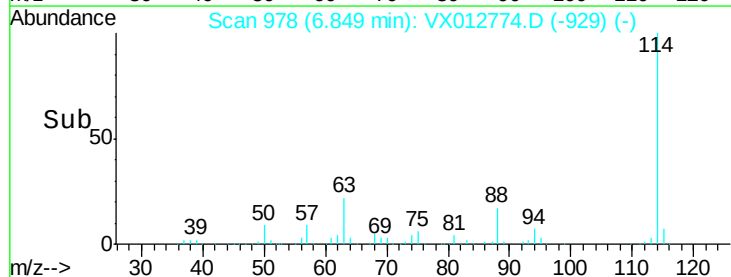
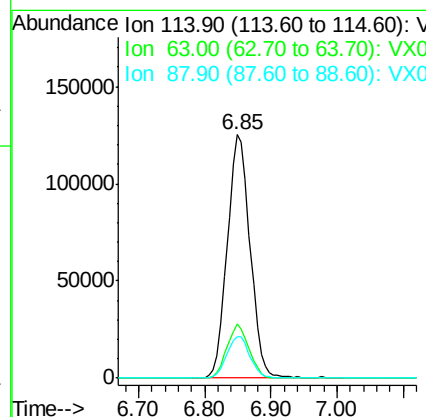
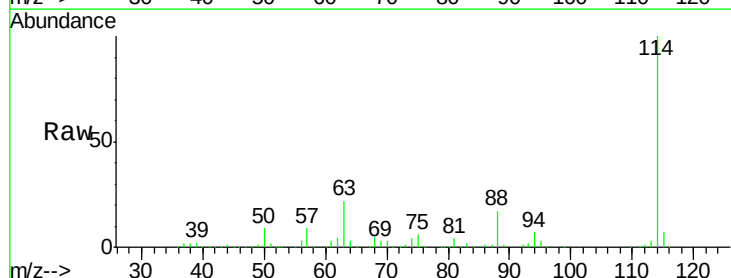
Manual Integrations
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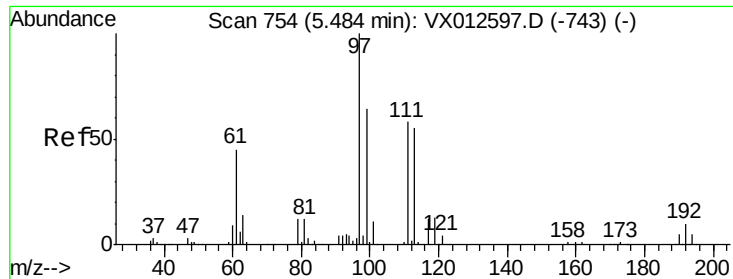
MMDadoda
 10/3/2019 10:50:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	16.8	0.0	33.2





#35

Dibromofluoromethane

Concen: 49.723 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

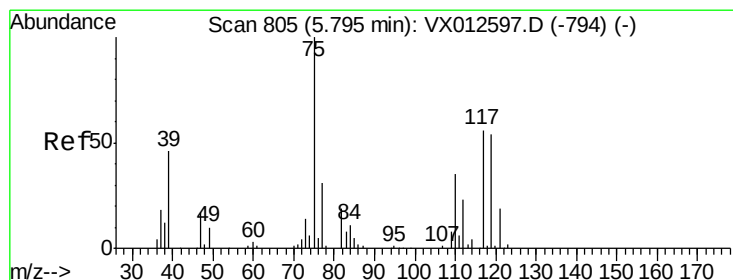
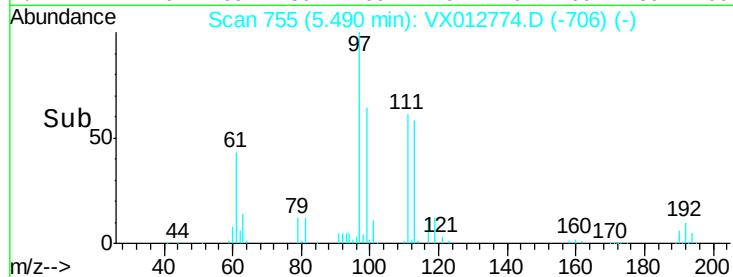
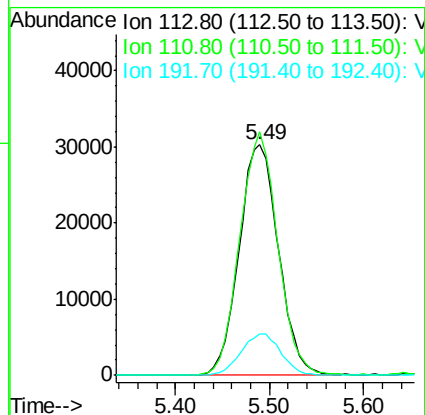
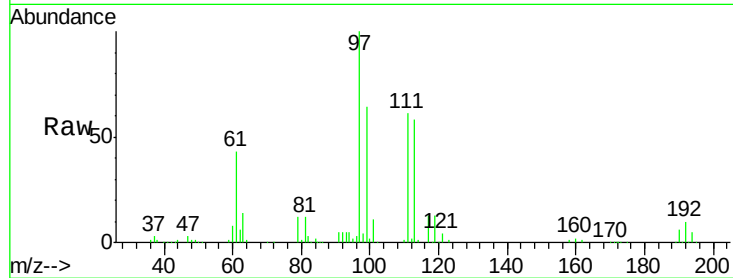
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	88560
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	18.2	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 46.686 ug/l

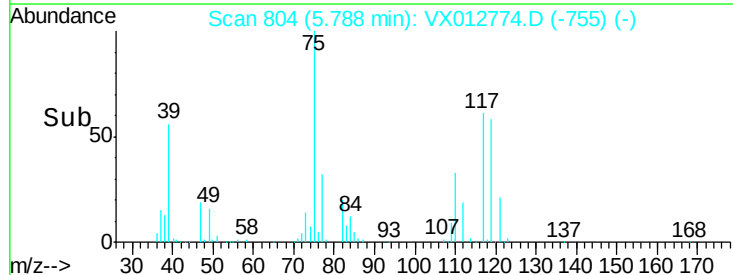
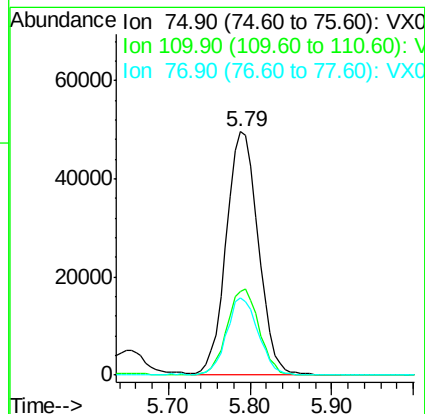
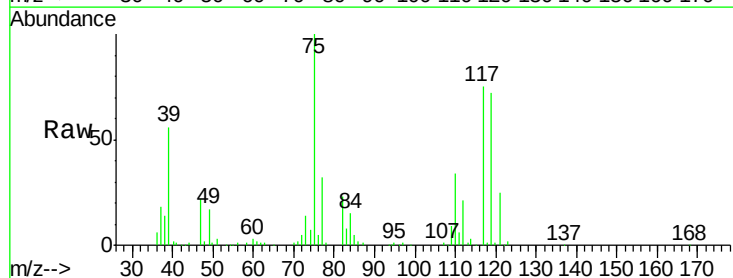
RT: 5.79 min Scan# 804

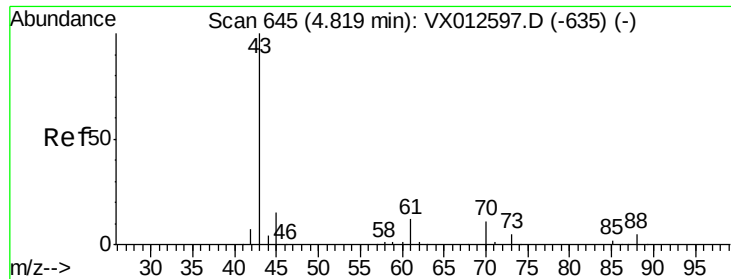
Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion:	75	Resp:	134579
Ion	Ratio	Lower	Upper
75	100		
110	35.4	16.7	50.0
77	31.4	24.2	36.2





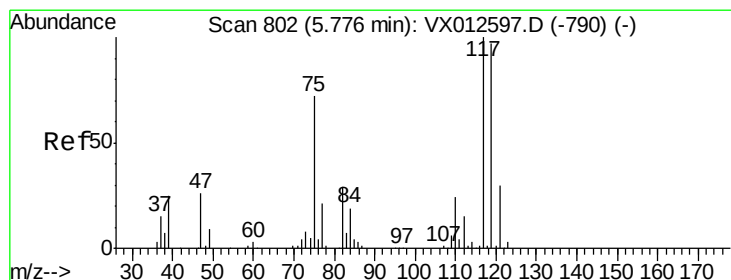
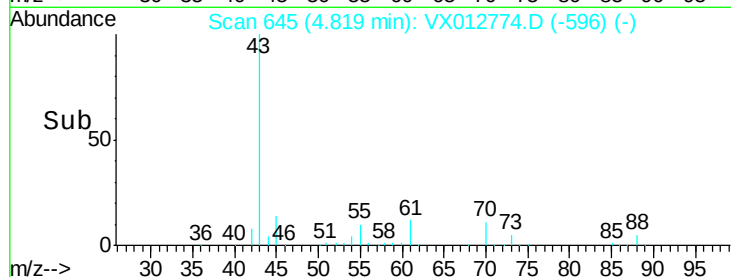
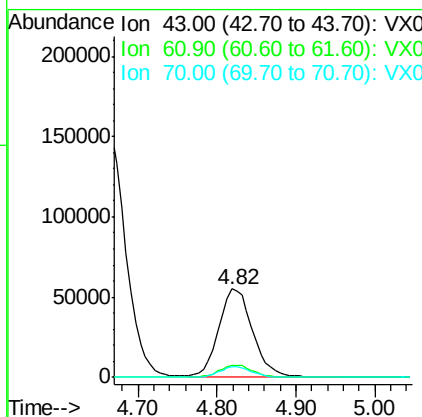
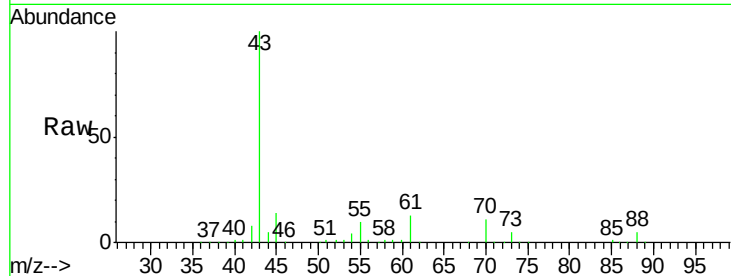
#37
Ethyl Acetate
Concen: 48.495 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	163433
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.2	15.4
70	11.6	8.7	13.1

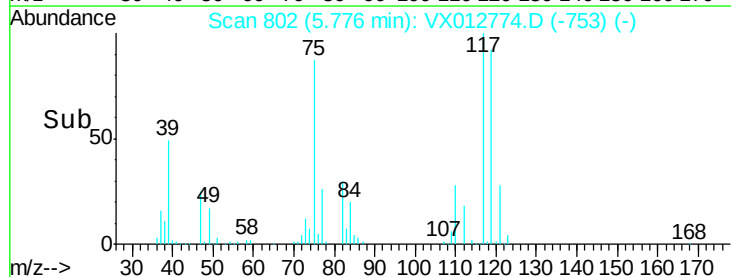
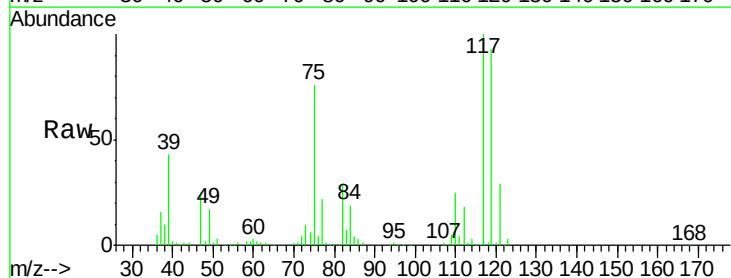
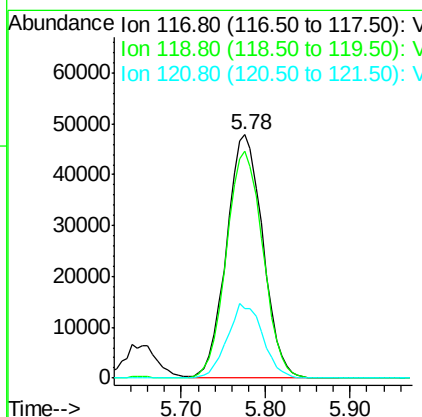
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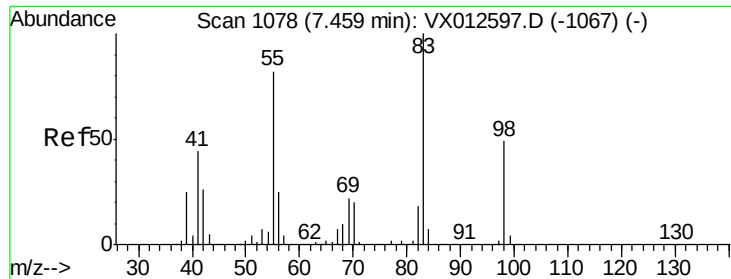
MMDadoda
10/3/2019 10:50:35 AM



#38
Carbon Tetrachloride
Concen: 47.793 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion:	117	Resp:	139952
Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.7	113.5
121	28.6	24.2	36.4





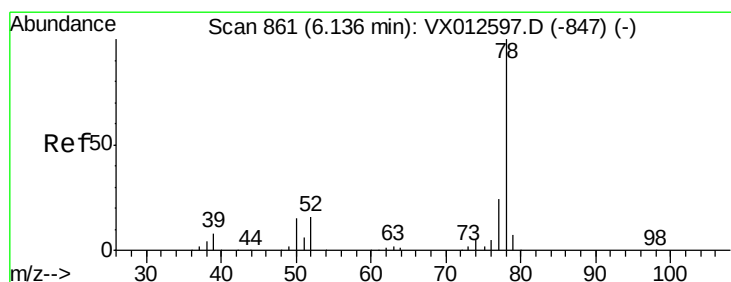
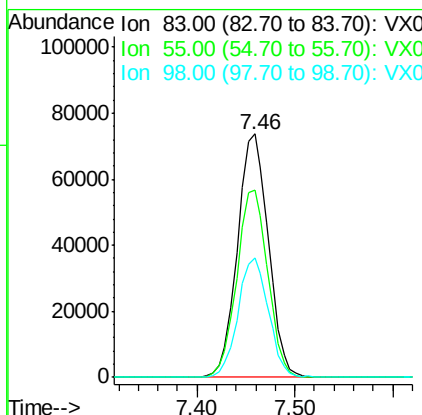
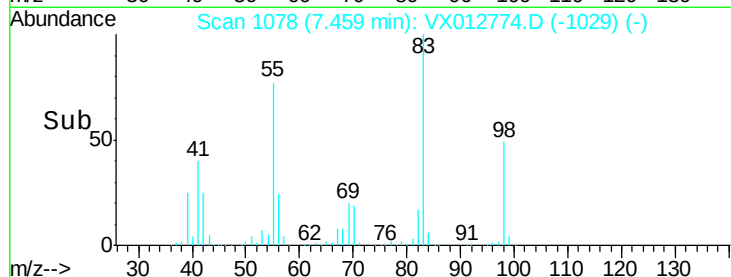
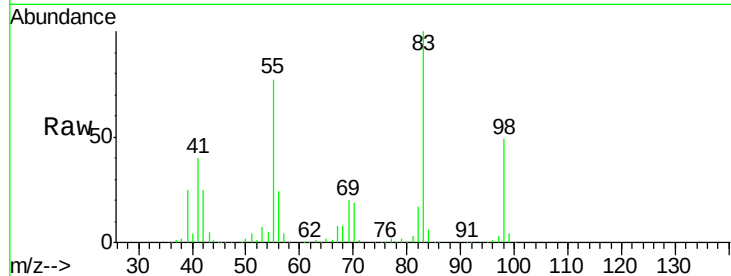
#39
Methylvlcyclohexane
Concen: 46.623 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	161796		
55	77.1	64.4	96.6	
98	49.0	40.1	60.1	

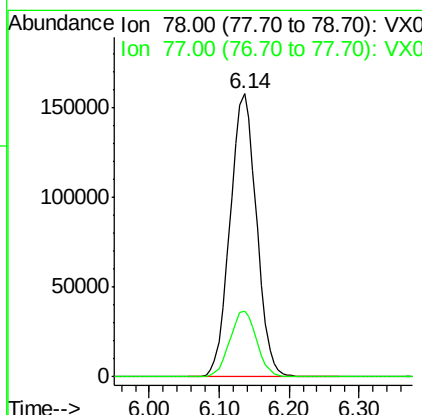
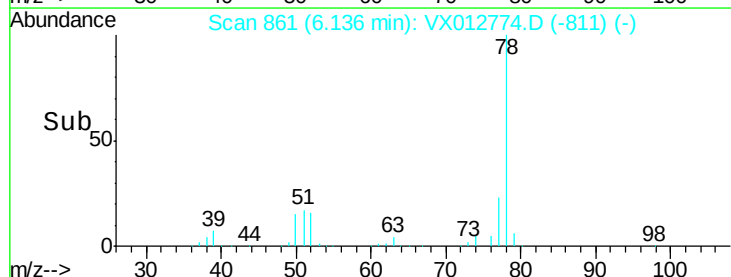
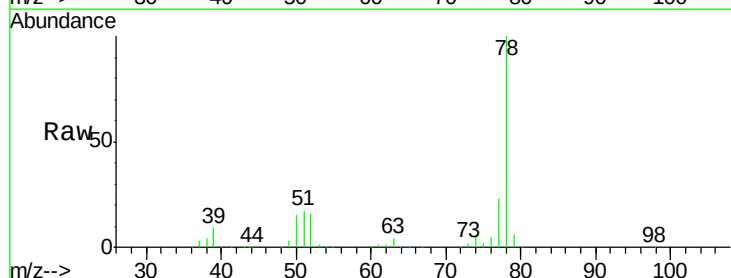
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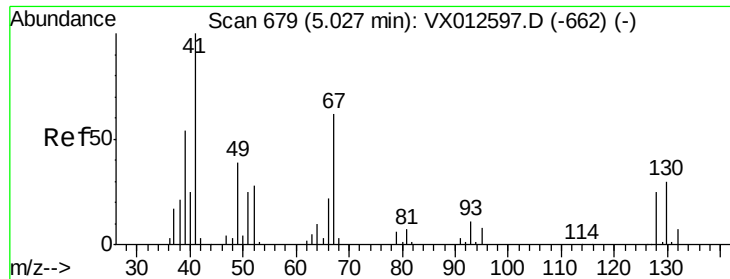
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#40
Benzene
Concen: 49.024 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	415802		
77	23.4	19.2	28.8	





#41

Methacrylonitrile

Concen: 46.784 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 88463

Ion Ratio Lower Upper

41 100

39 55.9 46.0 69.0

67 73.7 52.2 78.2

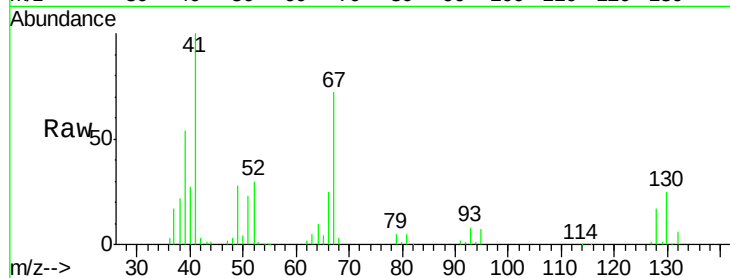
52 31.0 22.7 34.1

Manual Integrations

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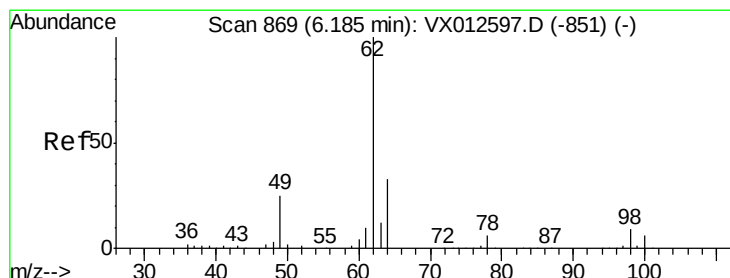
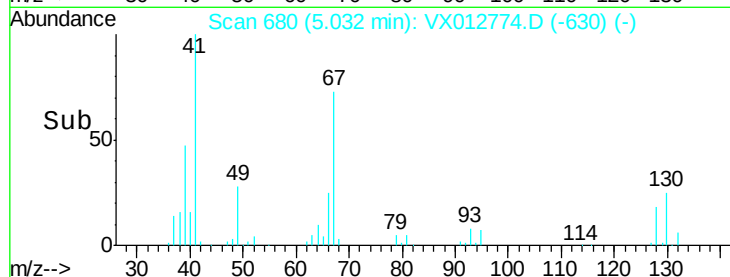
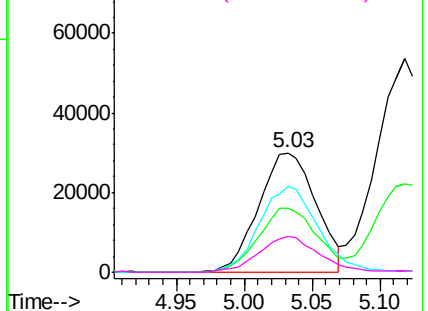


Abundance Ion 41.00 (40.70 to 41.70): VX012597.D (-662) (-)

Ion 39.00 (38.70 to 39.70): VX012597.D (-662) (-)

Ion 67.00 (66.70 to 67.70): VX012597.D (-662) (-)

Ion 52.00 (51.70 to 52.70): VX012597.D (-662) (-)



#42

1,2-Dichloroethane

Concen: 47.930 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012774.D

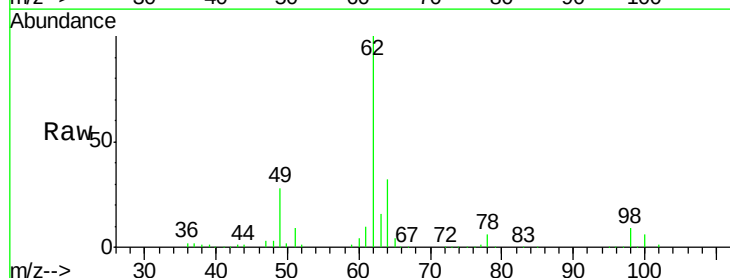
Acq: 02 Oct 2019 21:07

Tgt Ion: 62 Resp: 154373

Ion Ratio Lower Upper

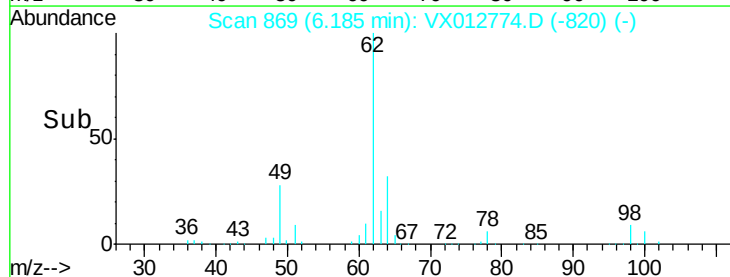
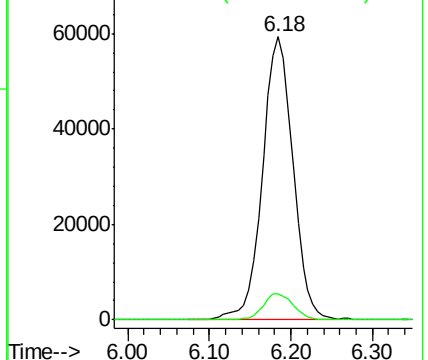
62 100

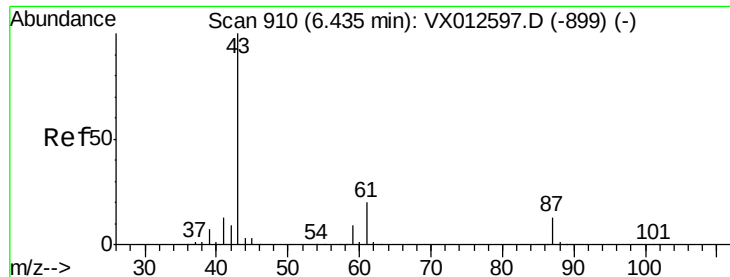
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX012597.D (-851) (-)

Ion 97.90 (97.60 to 98.60): VX012597.D (-851) (-)





#43

Isopropyl Acetate

Concen: 46.919 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

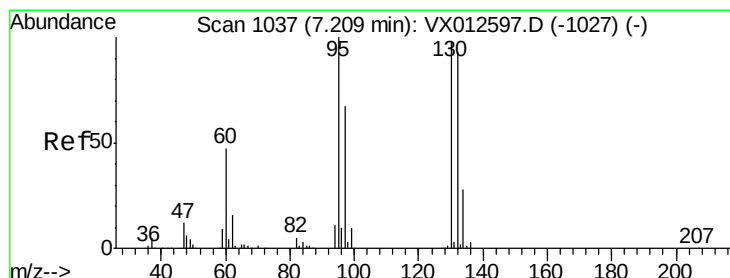
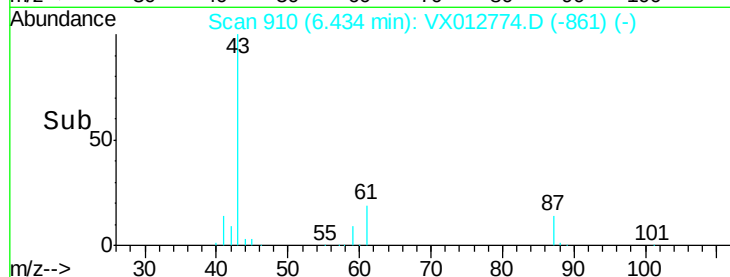
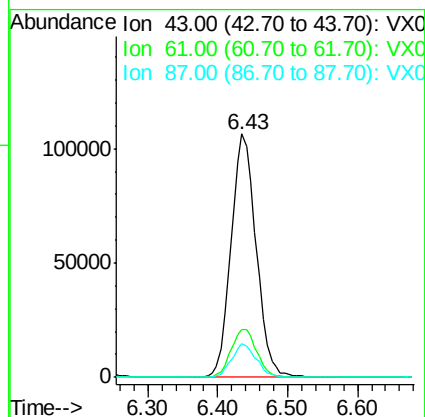
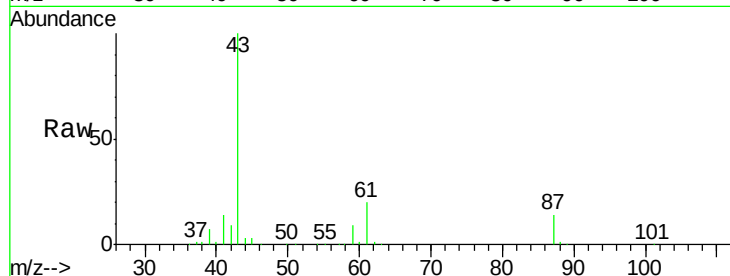
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	264433
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.4	23.0
87	13.4	9.8	14.8

Manual Integrations
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MMDadoda
10/3/2019 10:50:35 AM



#44

Trichloroethene

Concen: 49.458 ug/l

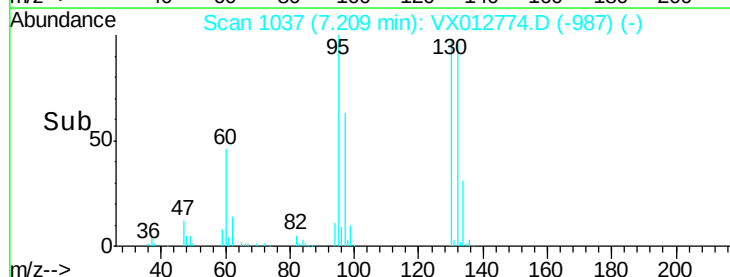
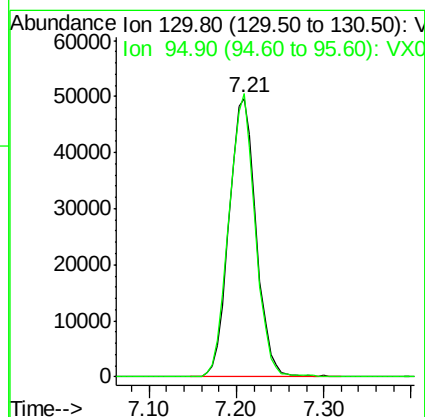
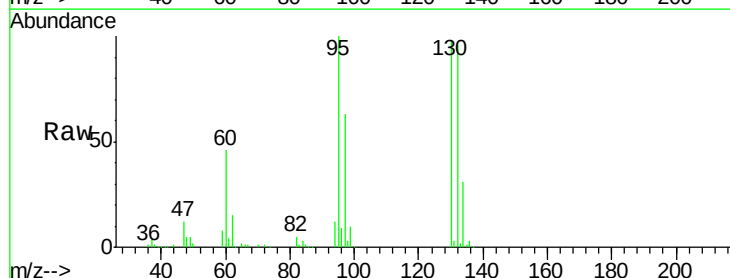
RT: 7.21 min Scan# 1037

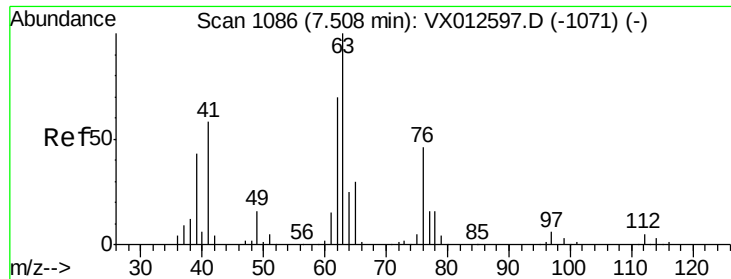
Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion:	130	Resp:	107238
Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	193.0





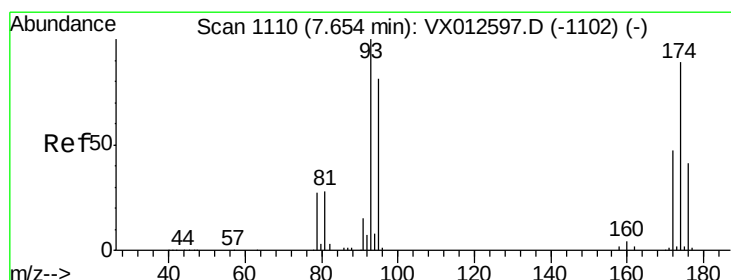
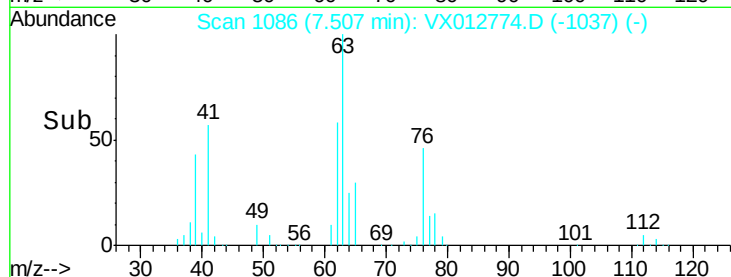
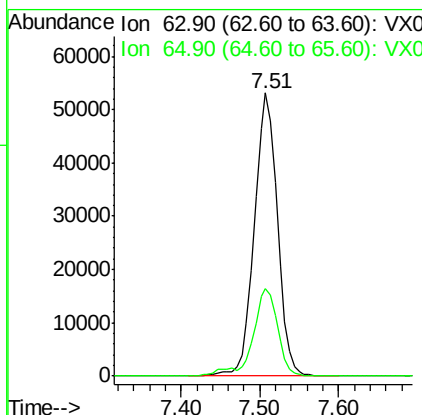
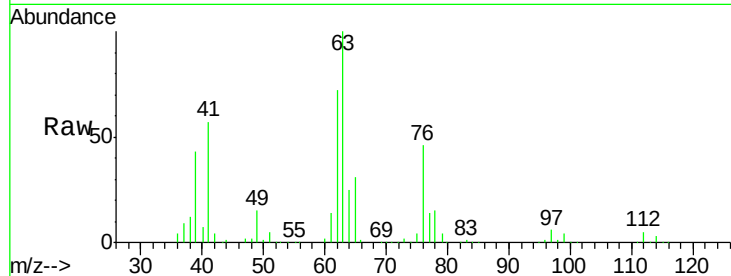
#45
 1,2-Dichloropropane
 Concen: 49.868 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 108287
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6

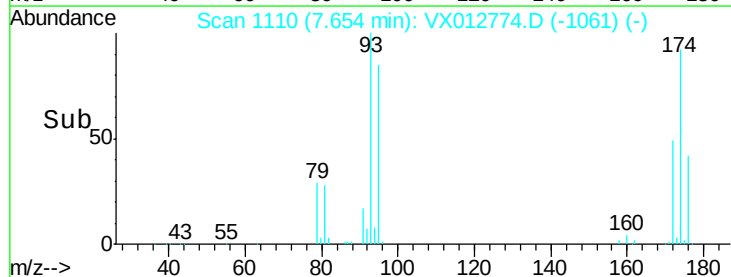
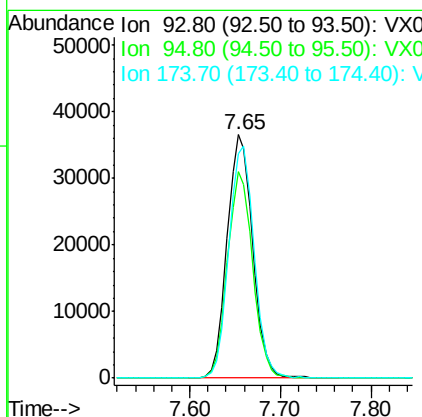
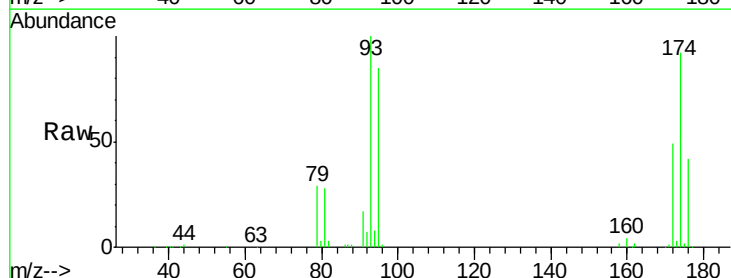
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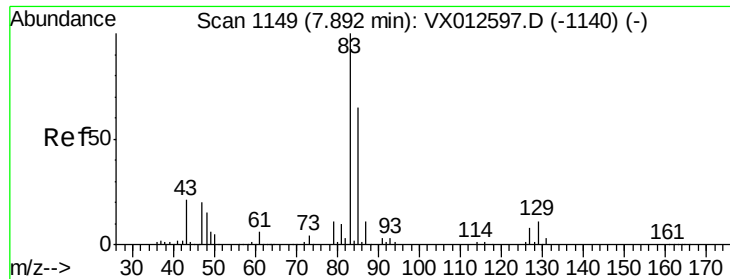
MMDadoda
 10/3/2019 10:50:35 AM



#46
 Dibromomethane
 Concen: 48.437 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion: 93 Resp: 71613
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 94.5 77.4 116.0





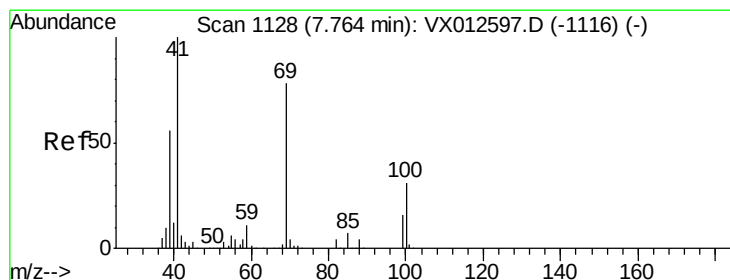
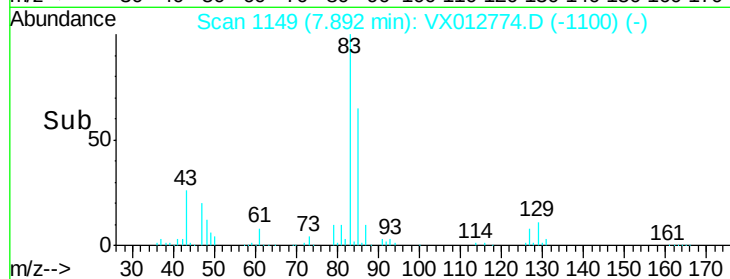
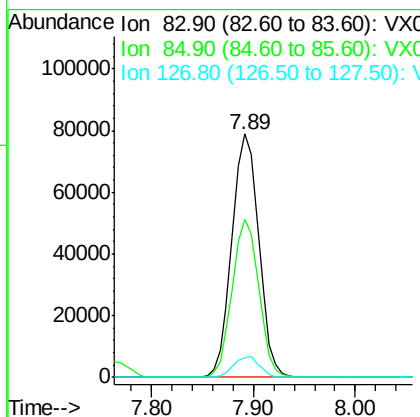
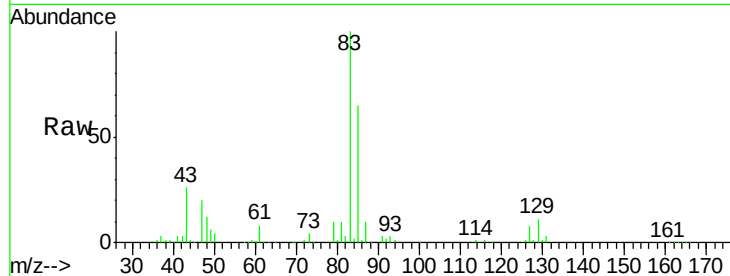
#47
 Bromodichloromethane
 Concen: 48.638 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	143719
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	51.8	77.6
127	7.9	7.3	10.9

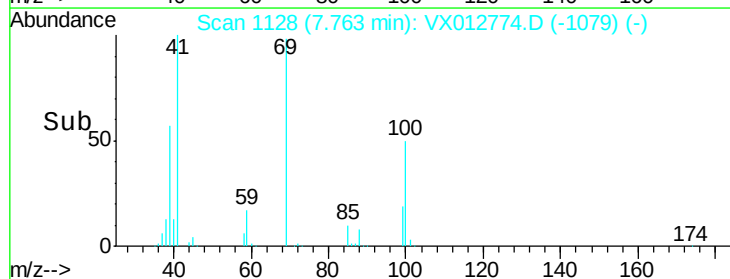
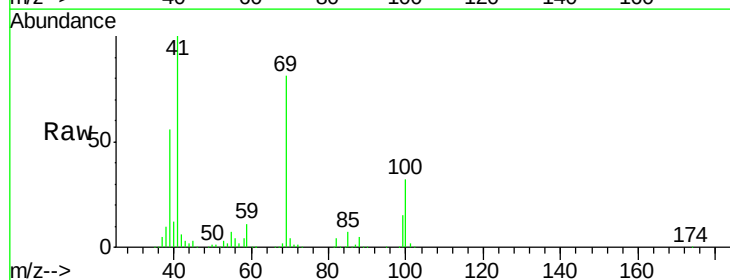
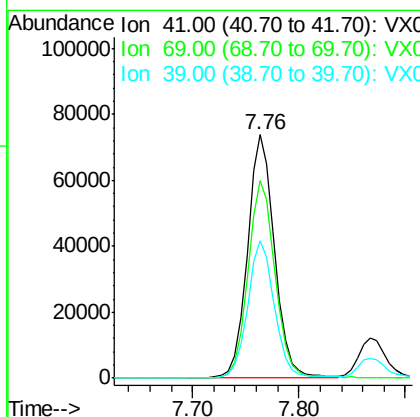
Manual Integrations
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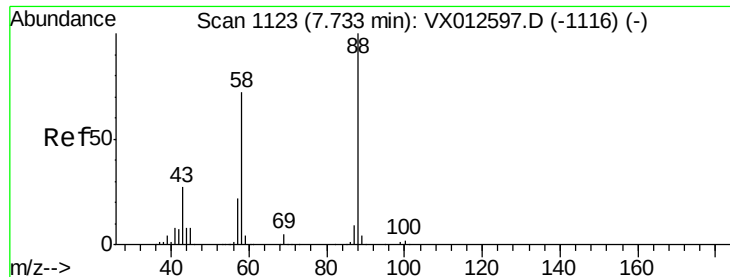
MMDadoda
 10/3/2019 10:50:35 AM



#48
 Methyl methacrylate
 Concen: 48.631 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion	41	Resp	131420
Ion Ratio	100	Lower	Upper
41	100		
69	81.8	59.9	89.9
39	56.1	47.8	71.6





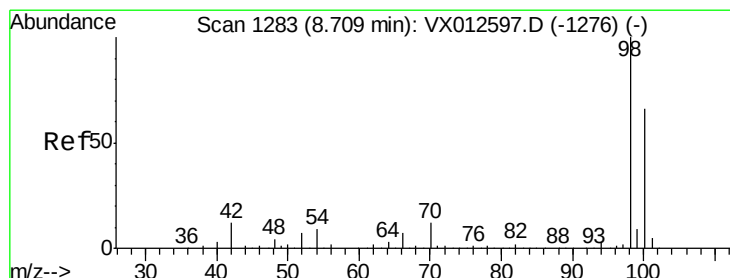
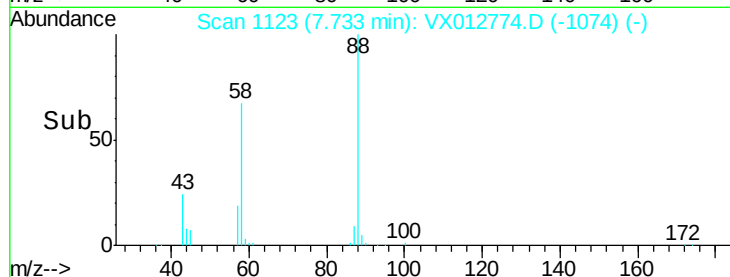
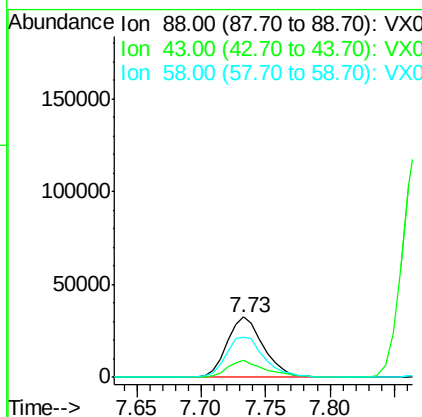
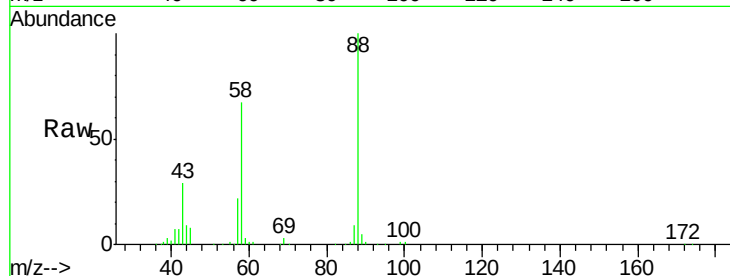
#49
1,4-Dioxane
Concen: 1039.222 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	29.4	44.0
58	71.2	57.5	86.3

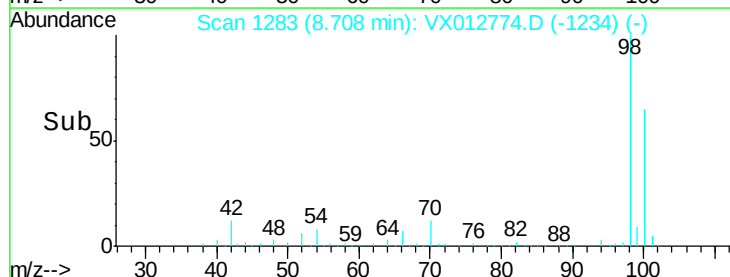
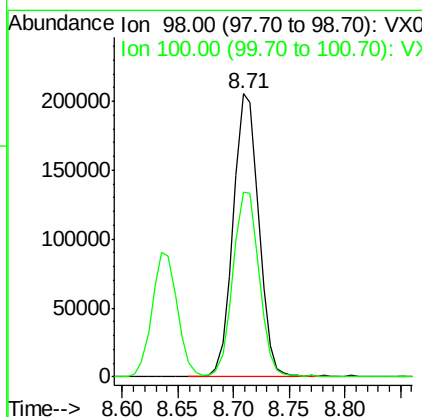
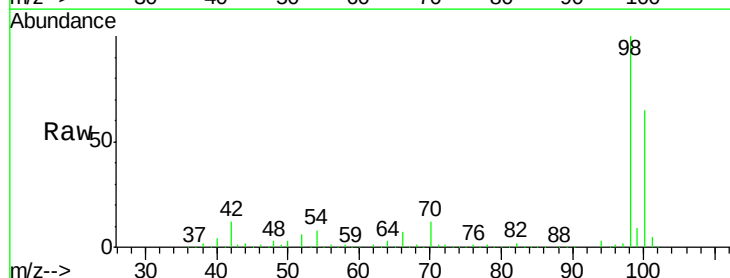
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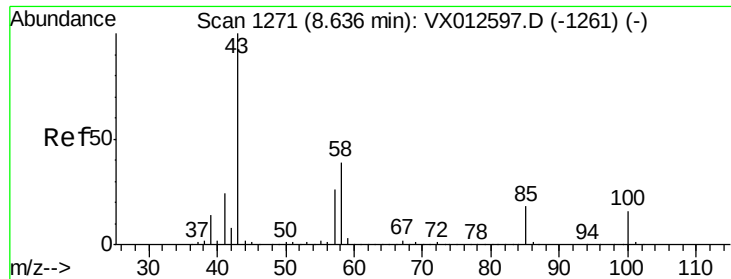
MMDadoda
10/3/2019 10:50:35 AM



#50
Toluene-d8
Concen: 47.770 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 246.450 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tot Ion: 43 Resp: 857387

Ion Ratio Lower Upper

43 100

58 40.1 29.8 44.6

Instrument :

MSVOA_X

ClientSampleId :

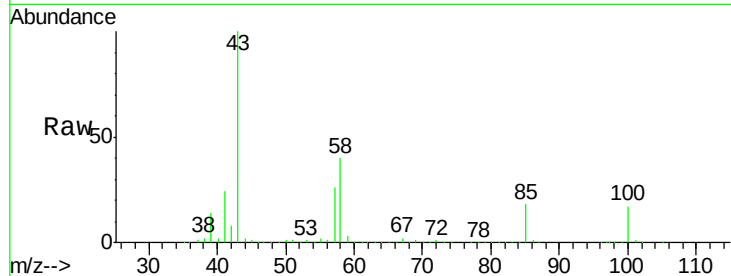
VSTDCCC050EC

Manual Integrations

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MMDadoda

10/3/2019 10:50:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

0

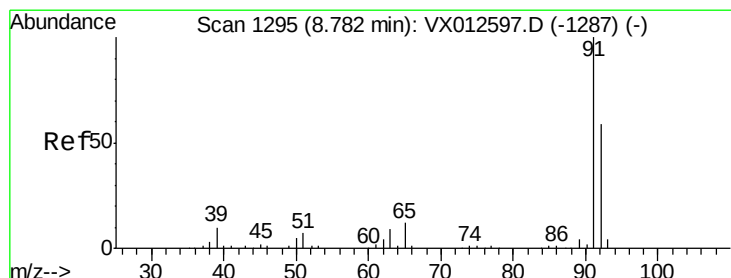
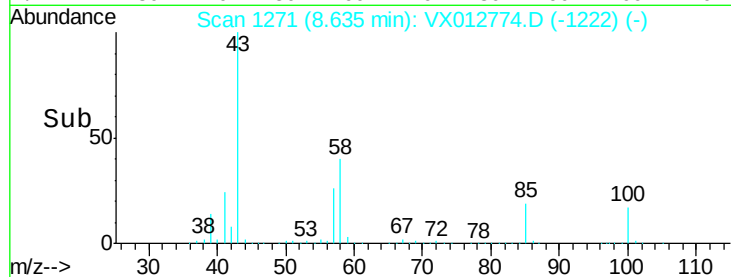
8.50

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 49.753 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012774.D

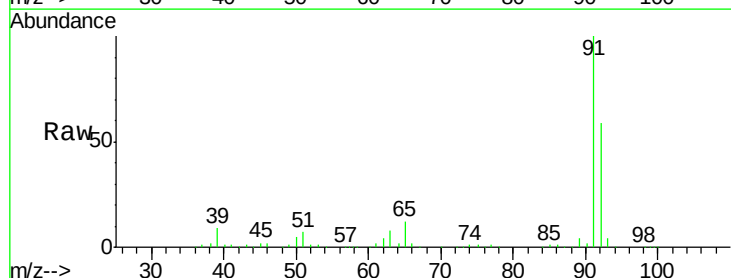
Acq: 02 Oct 2019 21:07

Tgt Ion: 92 Resp: 265219

Ion Ratio Lower Upper

92 100

91 166.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

200000

100000

0

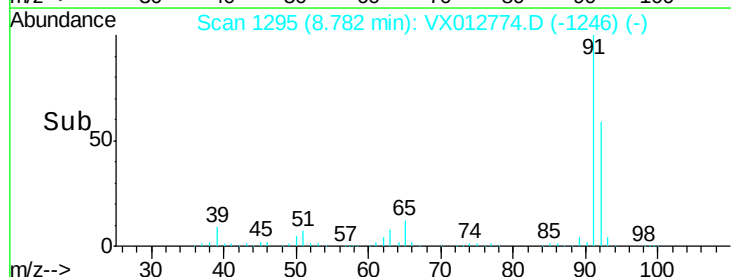
8.70

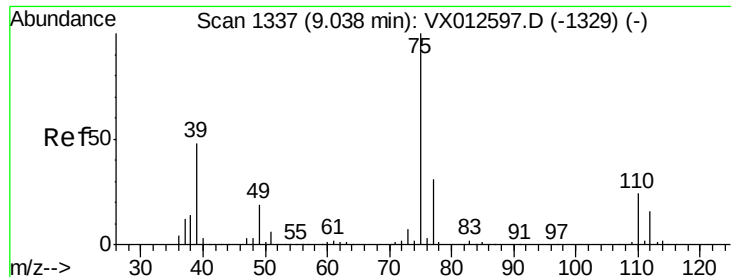
8.80

8.90

9.00

Time-->





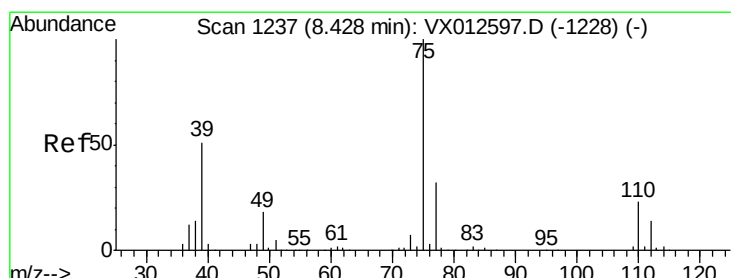
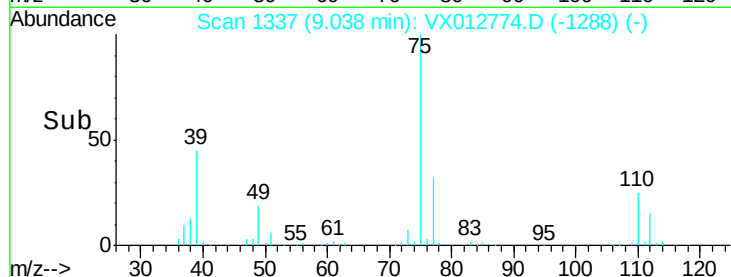
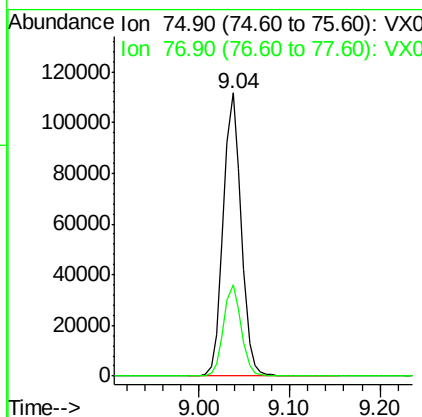
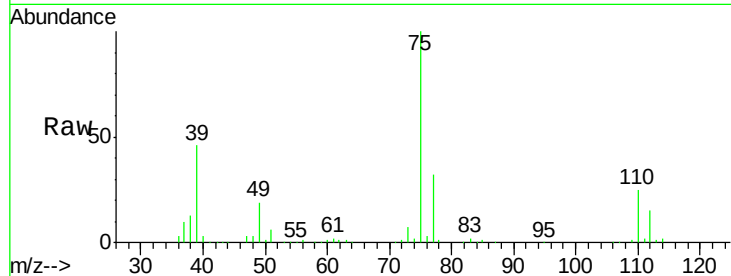
#53
t-1,3-Dichloropropene
Concen: 47.343 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 154780
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8

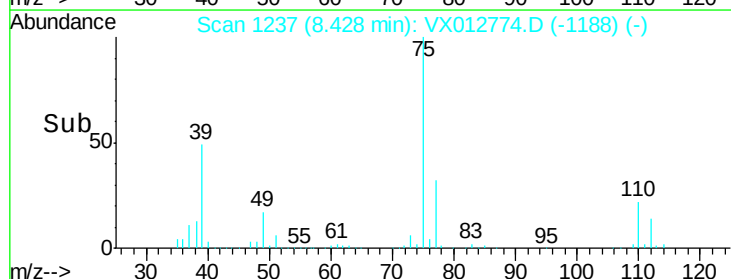
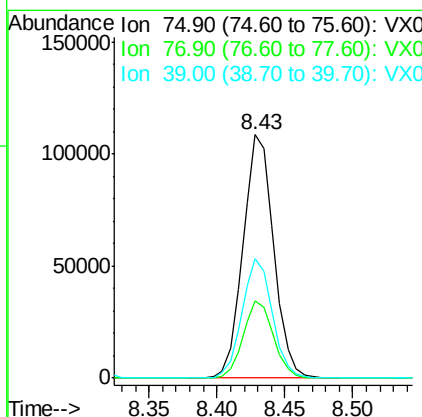
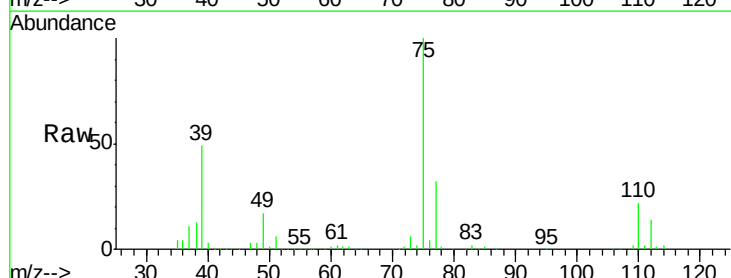
Manual Integrations
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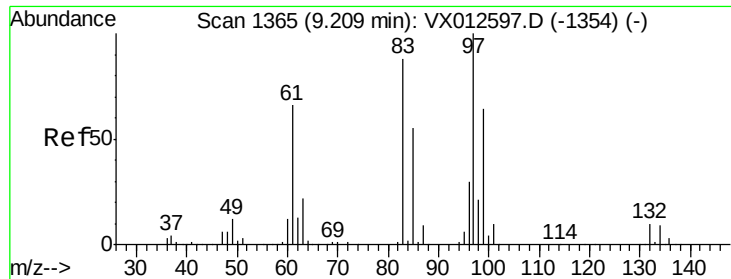
MMDadoda
10/3/2019 10:50:35 AM



#54
cis-1,3-Dichloropropene
Concen: 47.917 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 75 Resp: 171045
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
39 48.8 45.5 68.3





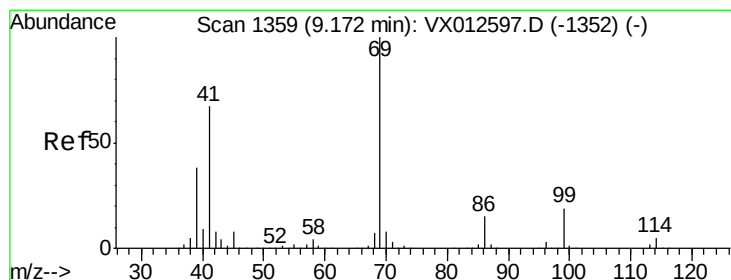
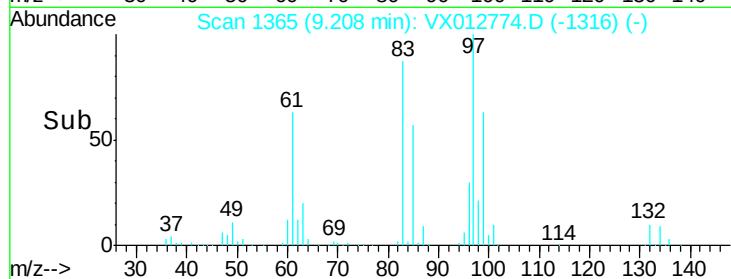
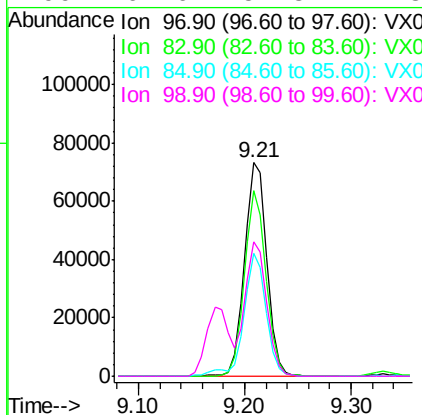
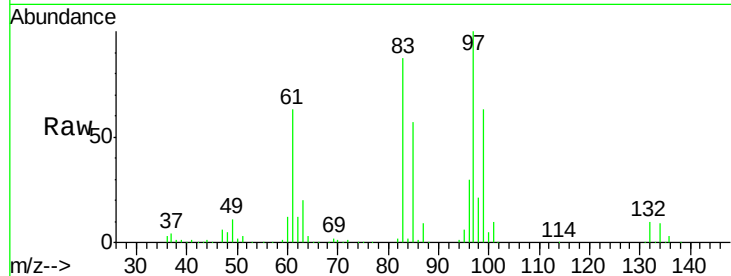
#55
 1,1,2-Trichloroethane
 Concen: 51.027 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	108144
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.4	101.2
85	57.3	43.5	65.3
99	62.6	51.8	77.8

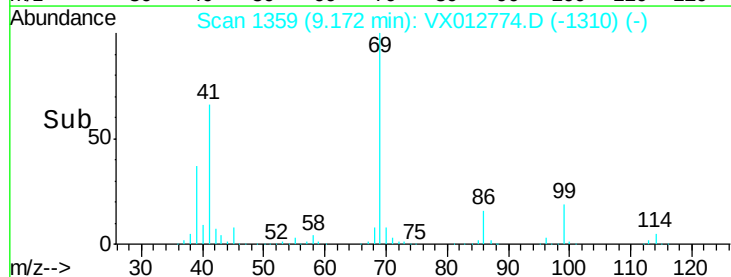
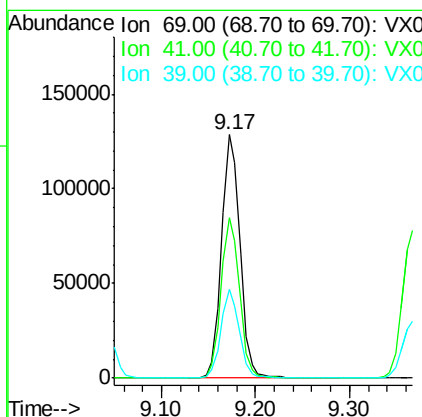
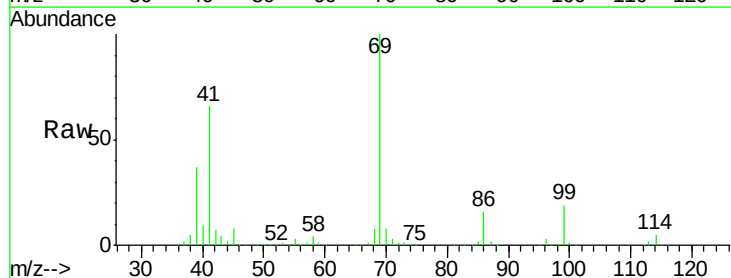
Manual Integrations
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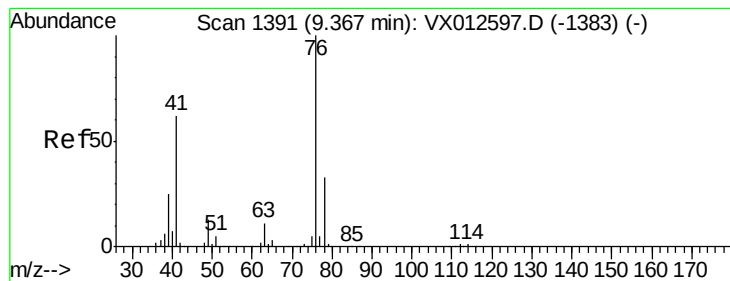
MMDadoda
 10/3/2019 10:50:35 AM



#56
 Ethyl methacrylate
 Concen: 49.252 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion:	69	Resp:	175364
Ion	Ratio	Lower	Upper
69	100		
41	66.5	58.4	87.6
39	36.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 48.532 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 180014

Ion Ratio Lower Upper

76 100

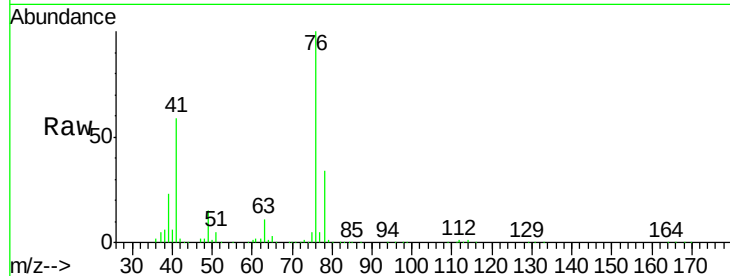
78 33.4 26.2 39.2

Manual Integrations

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MMDadoda

10/3/2019 10:50:35 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

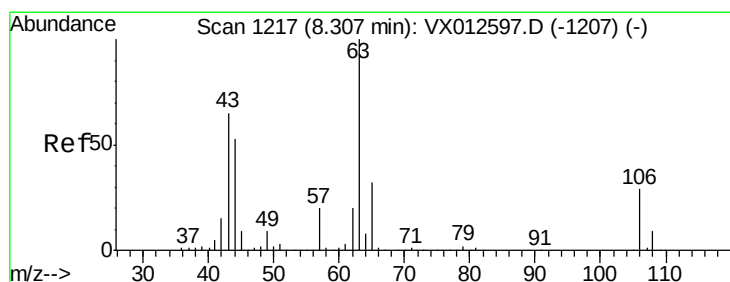
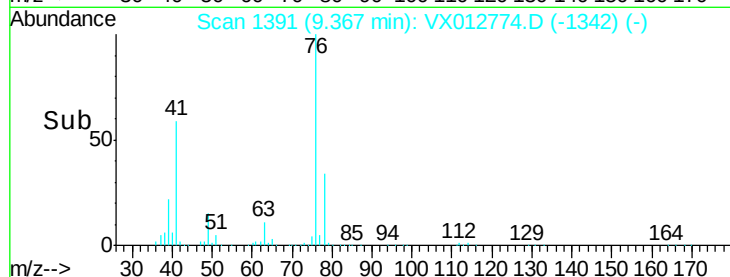
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 249.253 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012774.D

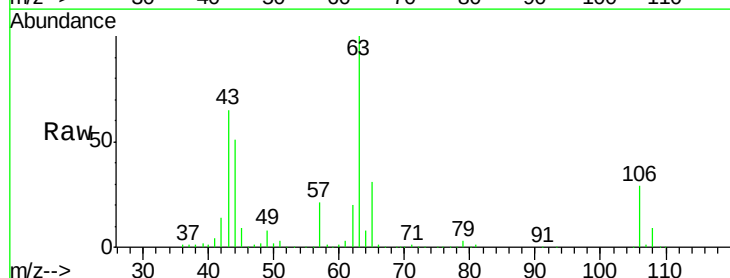
Acq: 02 Oct 2019 21:07

Tgt Ion: 63 Resp: 398362

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

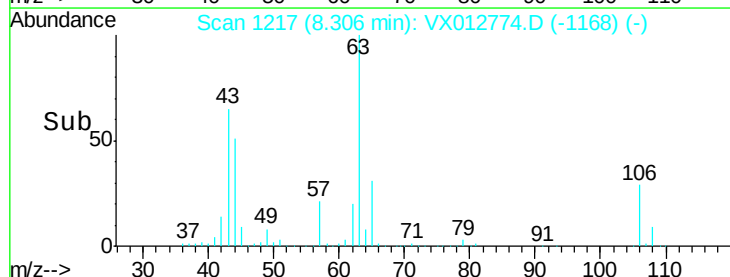
150000

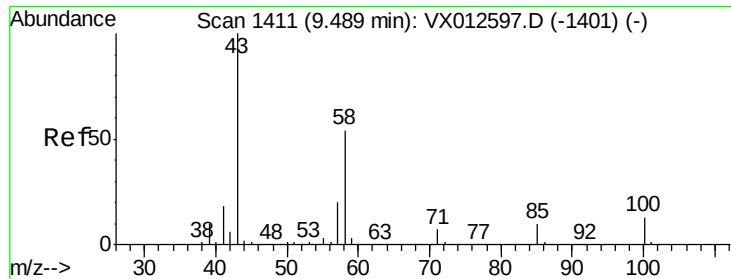
100000

50000

0

Time-->





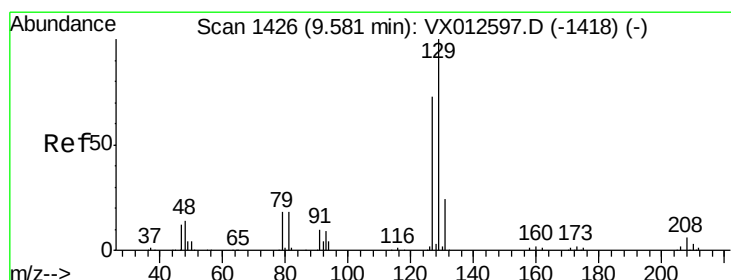
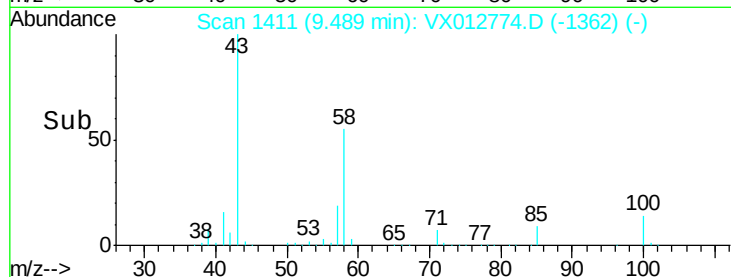
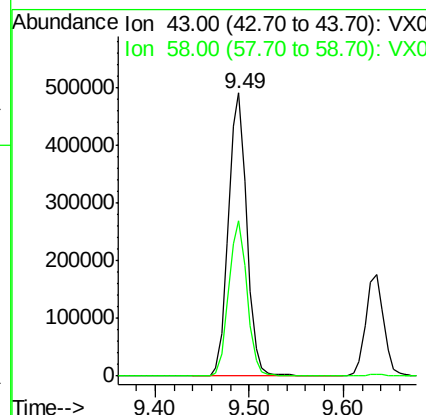
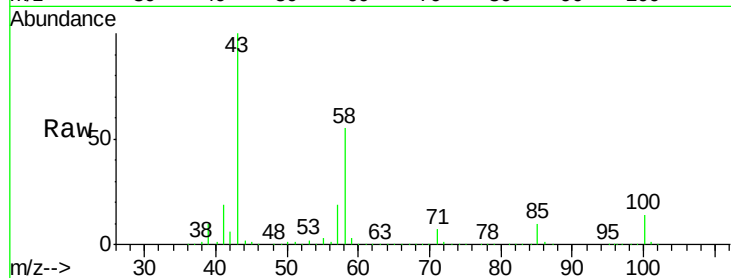
#59
2-Hexanone
Concen: 248.978 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 663009
Ion Ratio Lower Upper
43 100
58 55.0 25.7 77.1

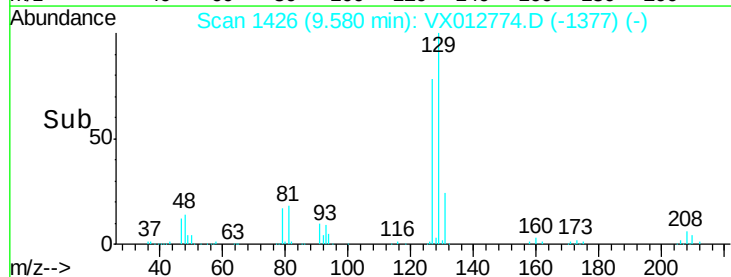
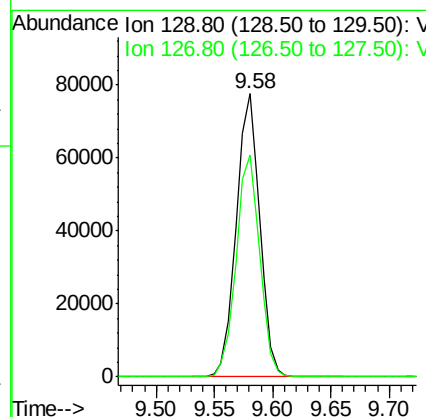
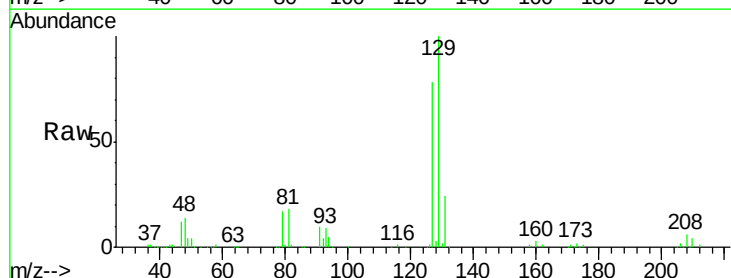
Manual Integrations
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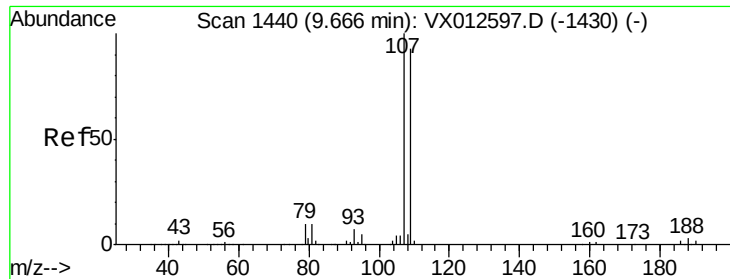
MMDadoda
10/3/2019 10:50:35 AM



#60
Dibromochloromethane
Concen: 50.927 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 129 Resp: 109258
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.848 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 112153

Ion Ratio Lower Upper

107 100

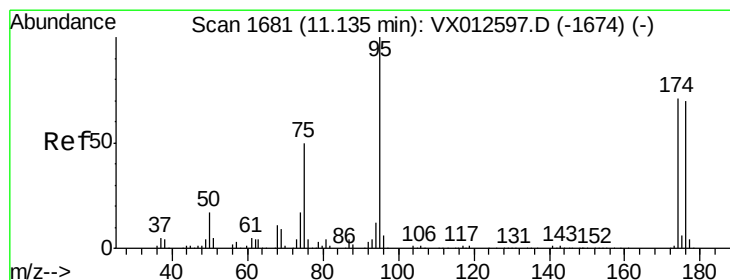
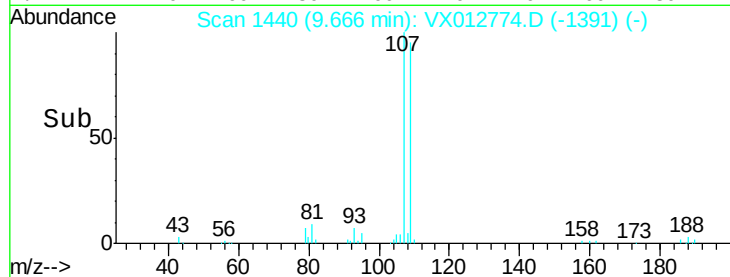
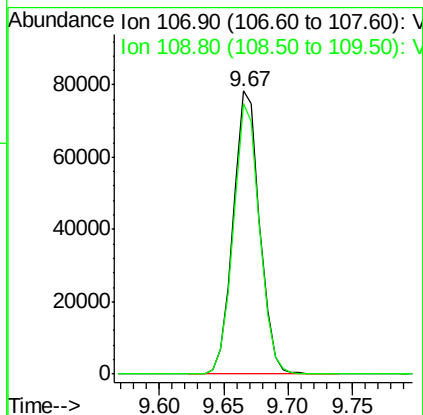
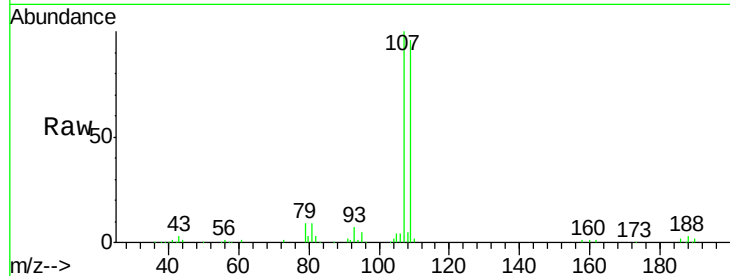
109 95.1 74.7 112.1

Manual Integrations

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MMDadoda

10/3/2019 10:50:35 AM



#62

4-Bromofluorobenzene

Concen: 46.817 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

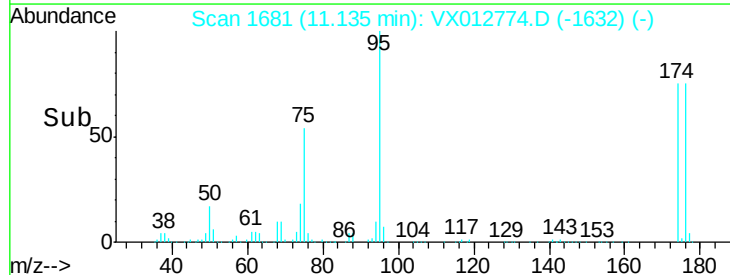
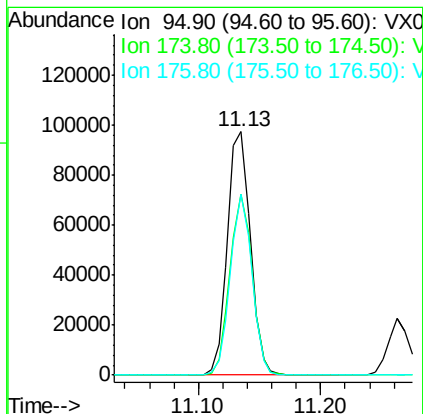
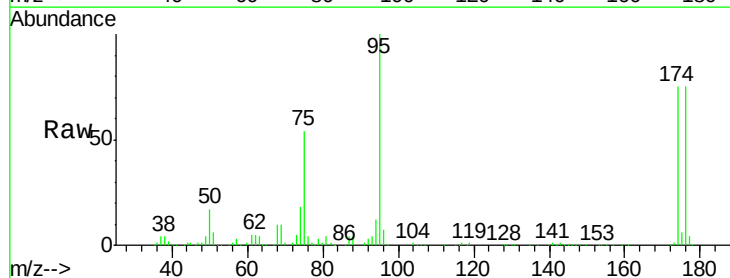
Tgt Ion: 95 Resp: 126264

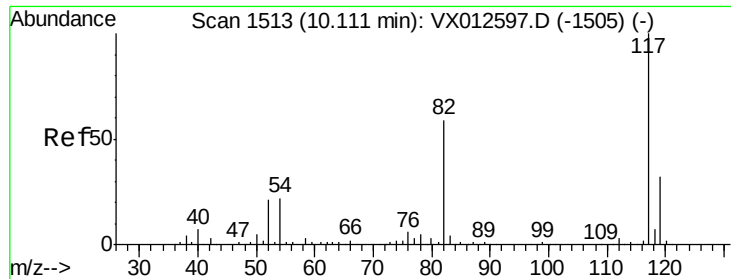
Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.0

176 69.9 0.0 135.4





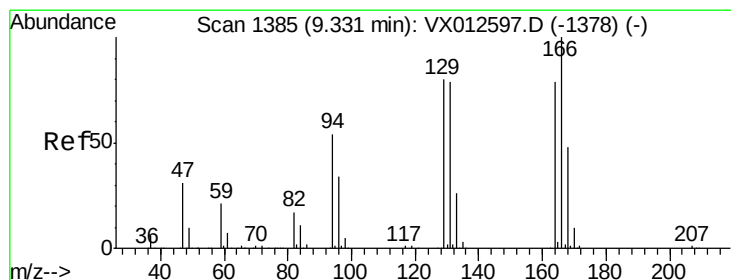
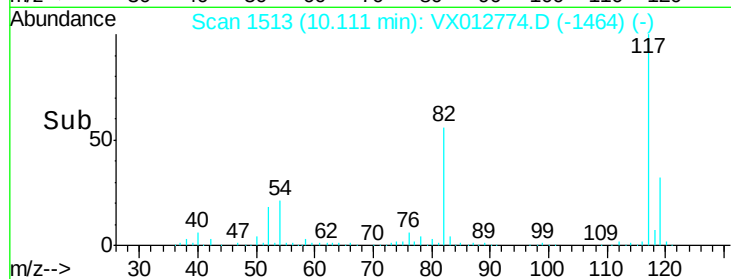
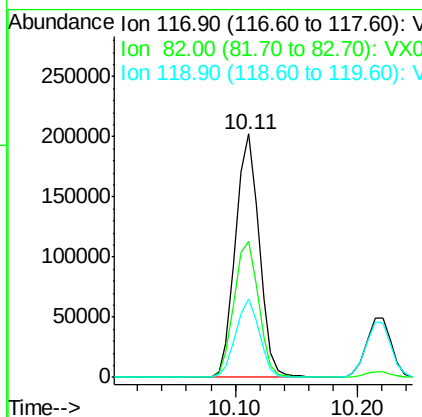
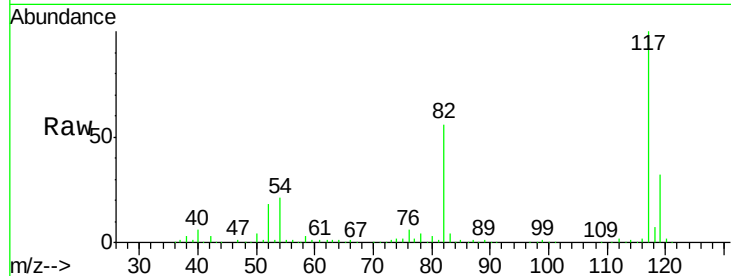
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	32.2	25.3	37.9

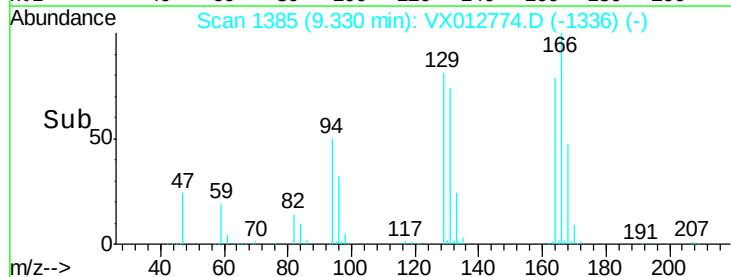
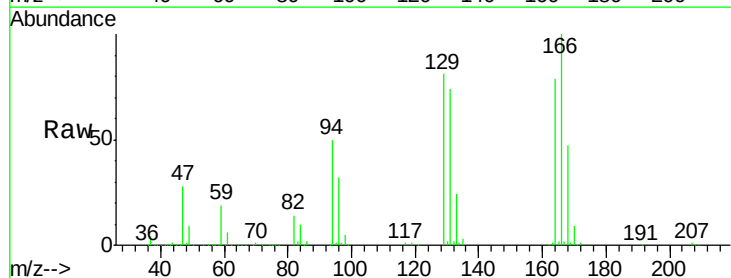
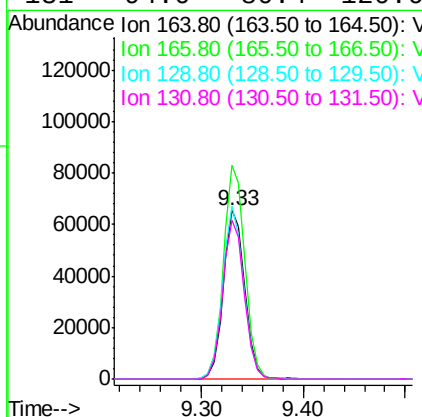
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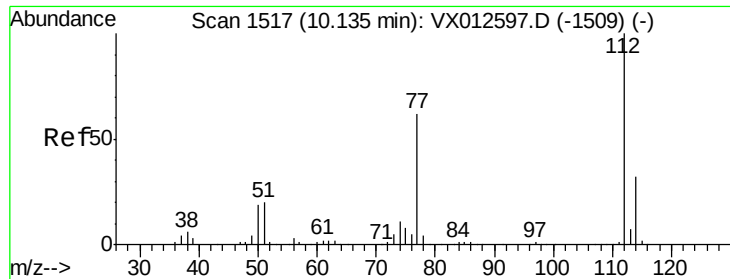
MMDadoda
10/3/2019 10:50:35 AM



#64
Tetrachloroethene
Concen: 50.014 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	107.8	161.6
129	102.5	86.2	129.2
131	94.0	80.4	120.6





#65

Chlorobenzene

Concen: 48.499 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 277197

Ion Ratio Lower Upper

112 100

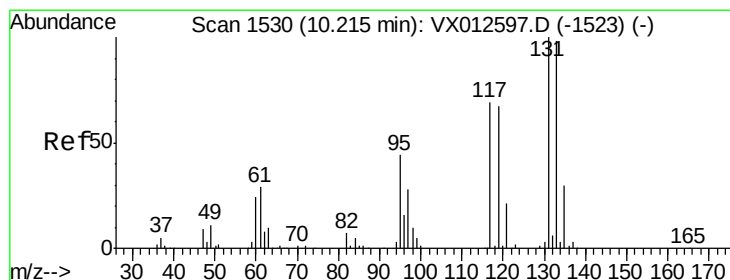
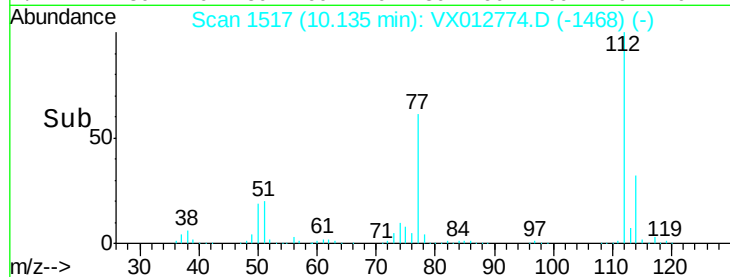
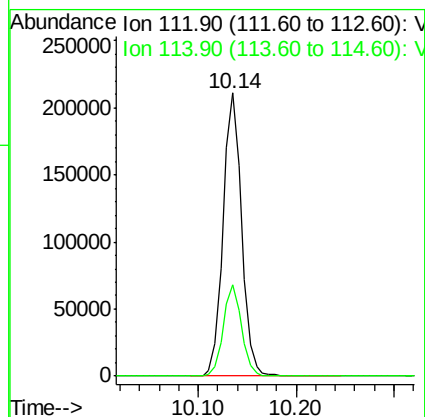
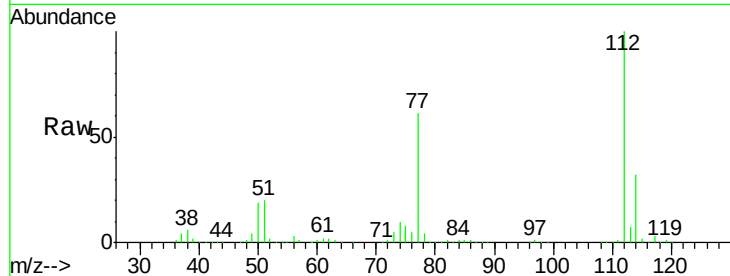
114 32.1 25.4 38.0

Manual Integrations

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MMDadoda

10/3/2019 10:50:35 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 49.400 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

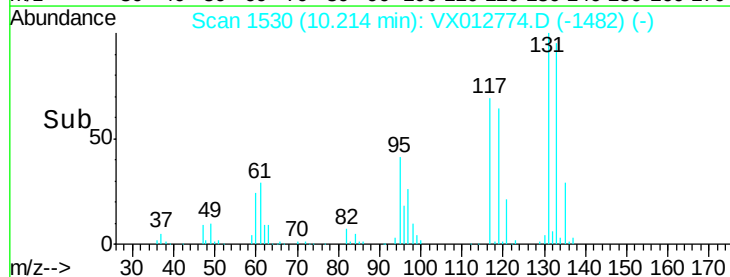
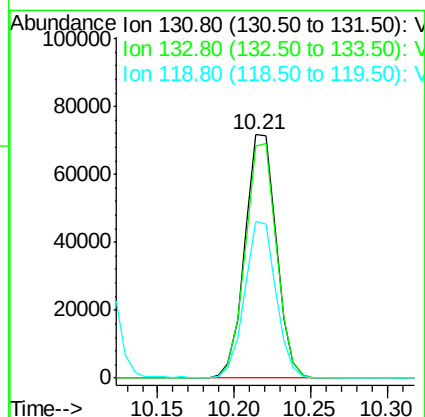
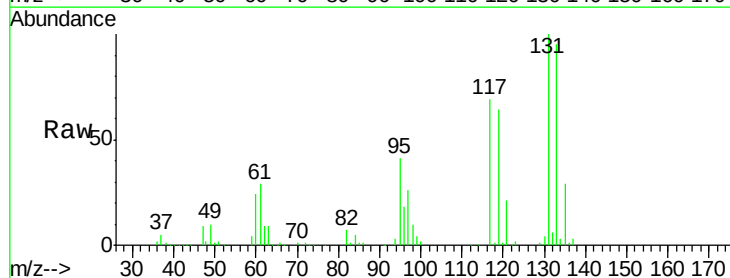
Tgt Ion:131 Resp: 102301

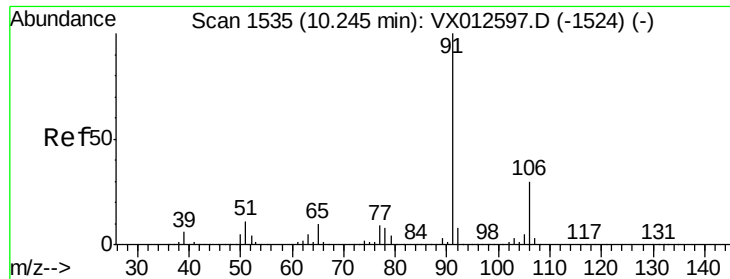
Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.9

119 63.9 31.3 93.8





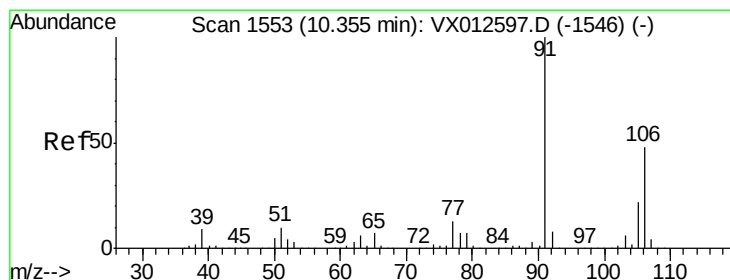
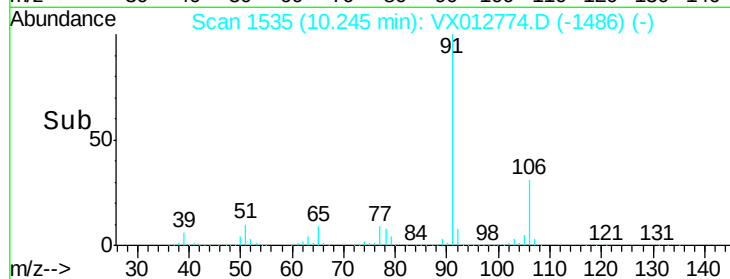
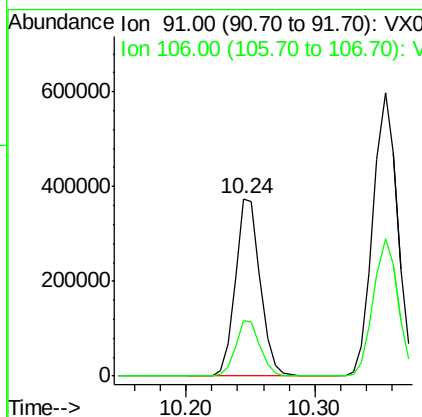
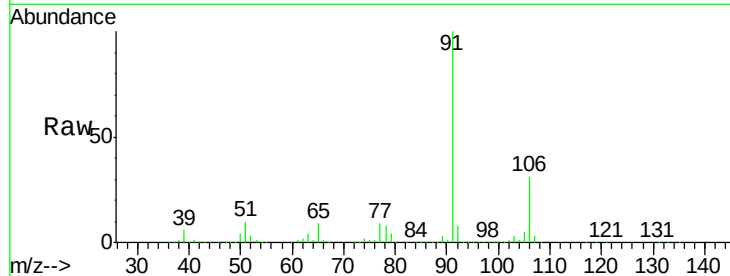
#67
Ethyl Benzene
Concen: 48.500 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 502778
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0

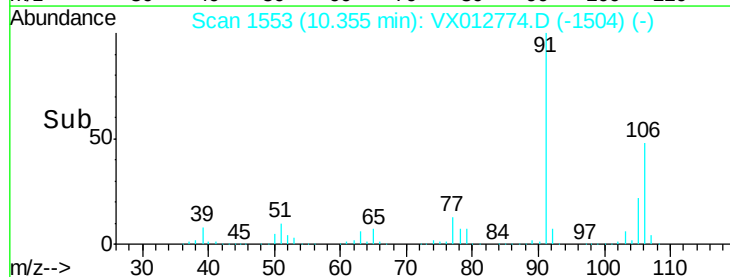
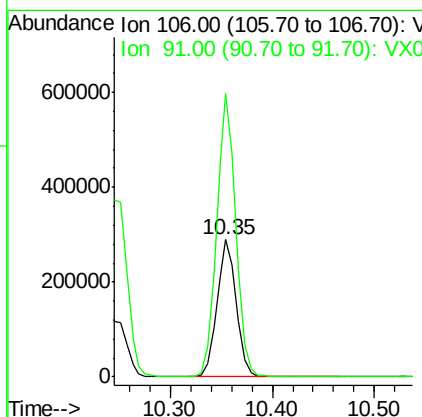
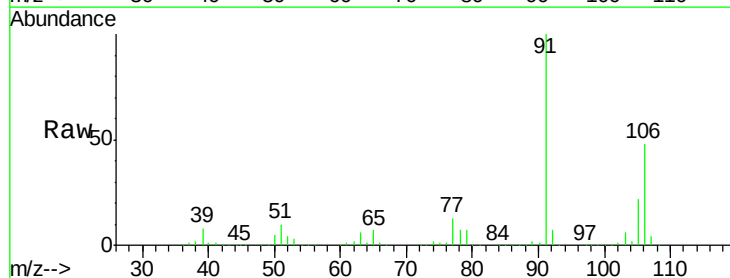
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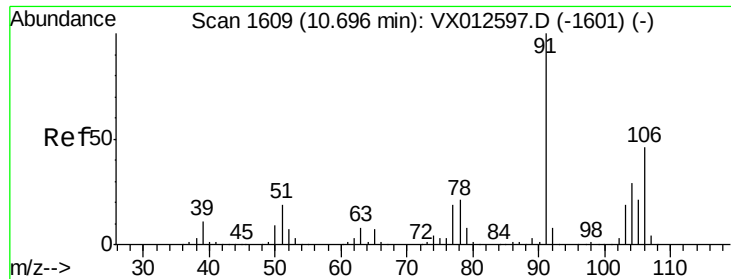
MMDadoda
10/3/2019 10:50:35 AM



#68
m/p-Xylenes
Concen: 98.201 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 106 Resp: 381346
Ion Ratio Lower Upper
106 100
91 205.6 166.6 250.0





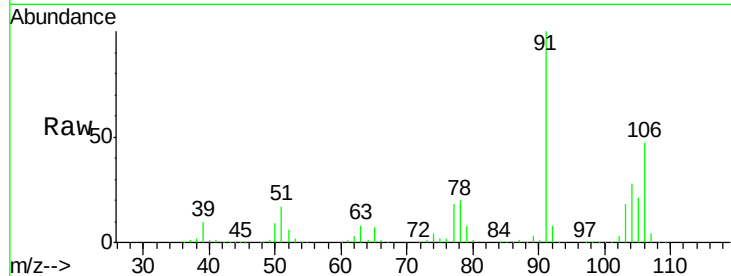
#69
o-Xylene
Concen: 49.038 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

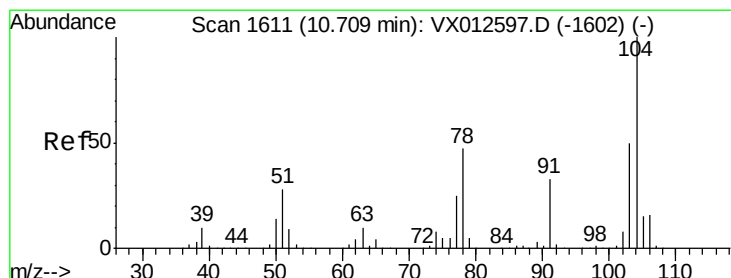
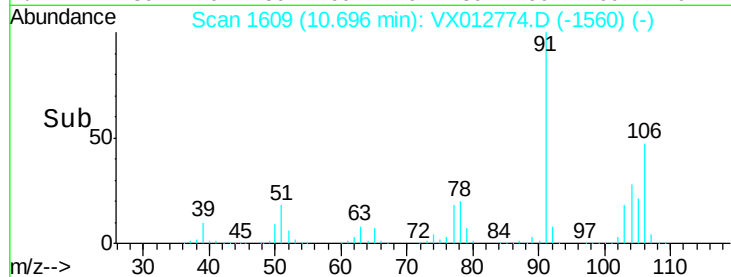
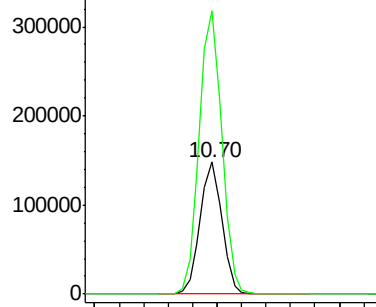
Tot Ion:106 Resp: 184263
Ion Ratio Lower Upper
106 100
91 220.0 109.4 328.2

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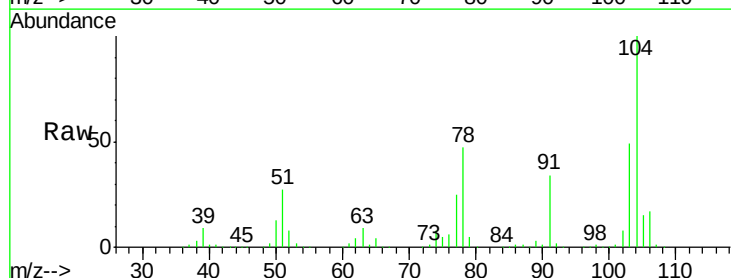


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

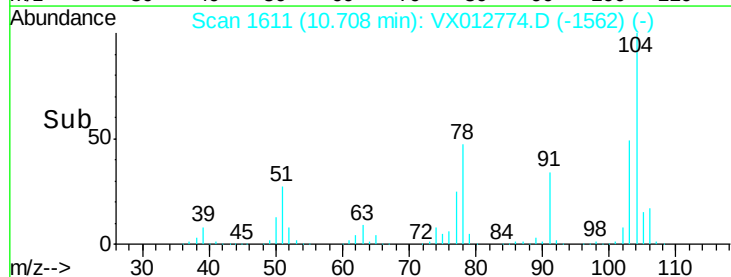
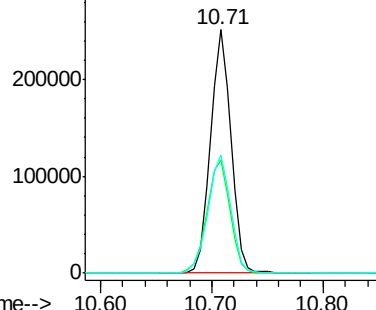


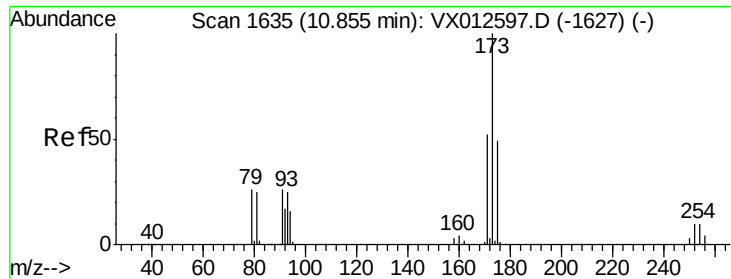
#70
Styrene
Concen: 51.101 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion:104 Resp: 321900
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 53.4 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.980 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 73511

Ion Ratio Lower Upper

173 100

175 48.8 23.7 71.1

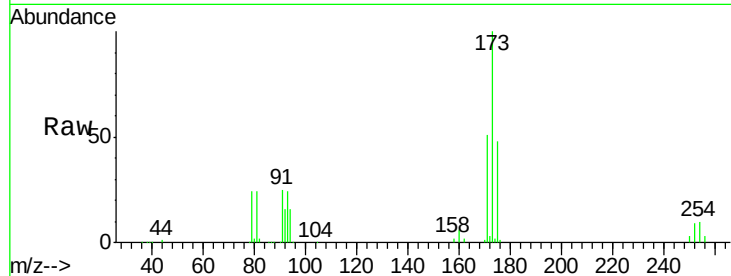
254 0.0 0.1 0.1#

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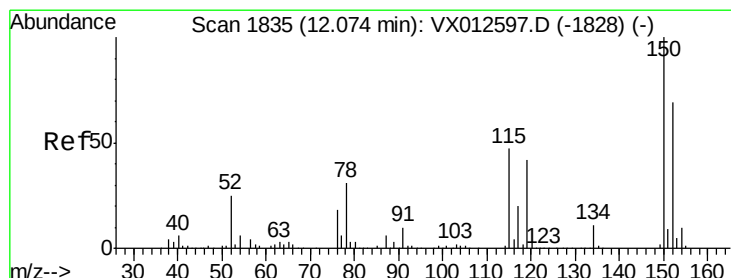
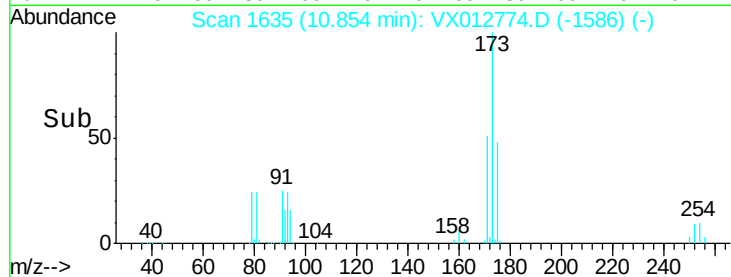
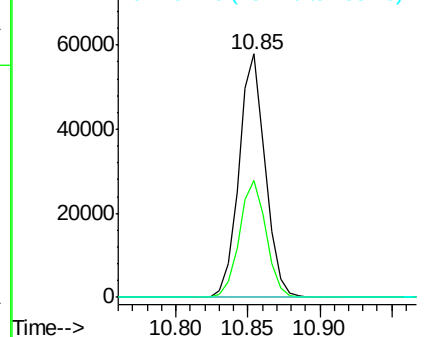
10/3/2019 10:50:35 AM



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

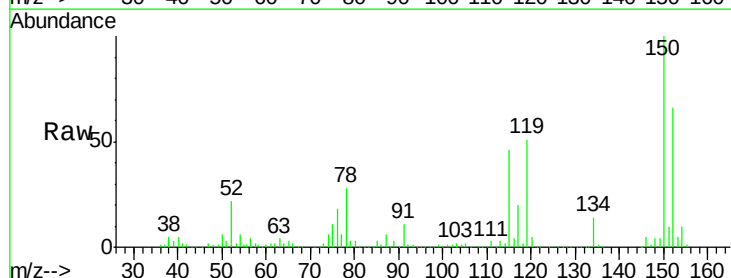
Tgt Ion:152 Resp: 128757

Ion Ratio Lower Upper

152 100

115 87.2 44.1 132.3

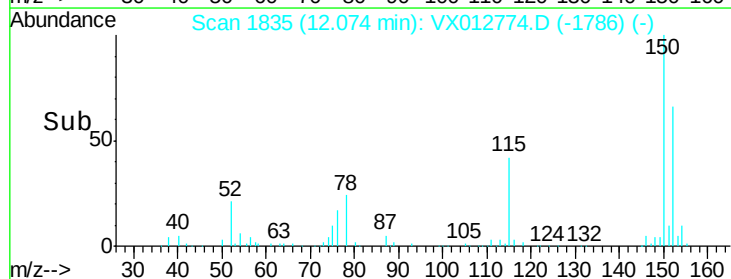
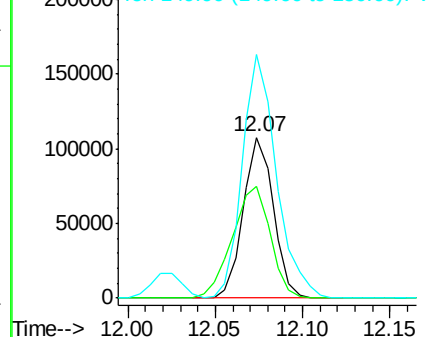
150 172.1 0.0 343.8

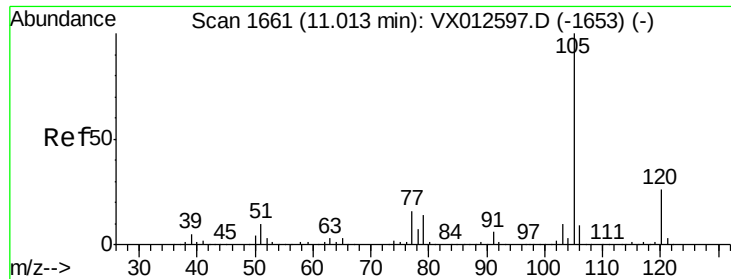


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.533 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 487978

Ion Ratio Lower Upper

105 100

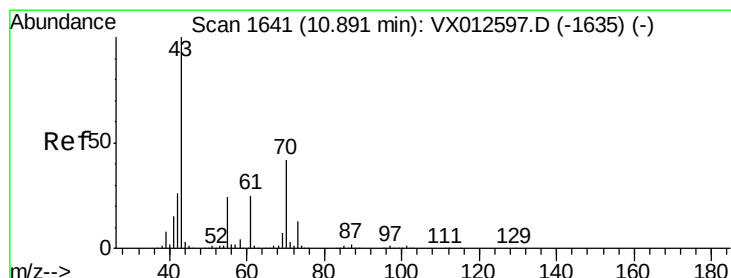
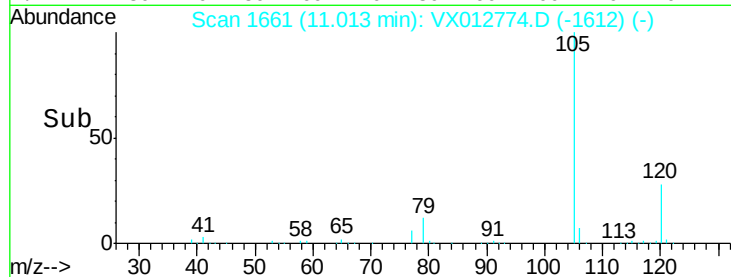
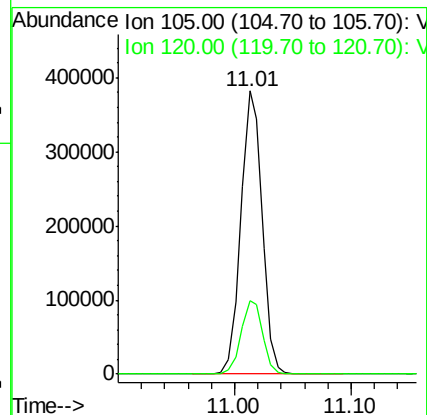
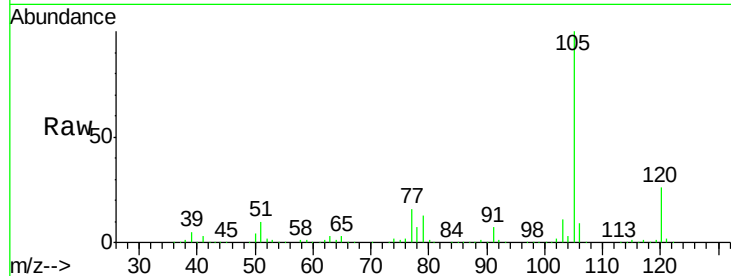
120 26.2 12.9 38.7

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10/3/2019 10:50:35 AM



#74

N-ethyl acetate

Concen: 46.427 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion: 43 Resp: 232272

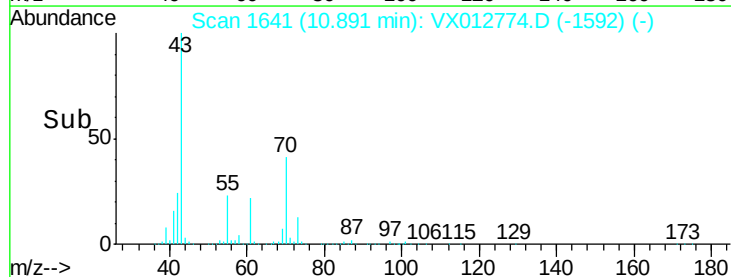
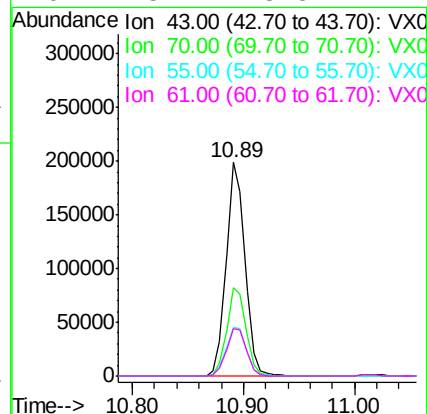
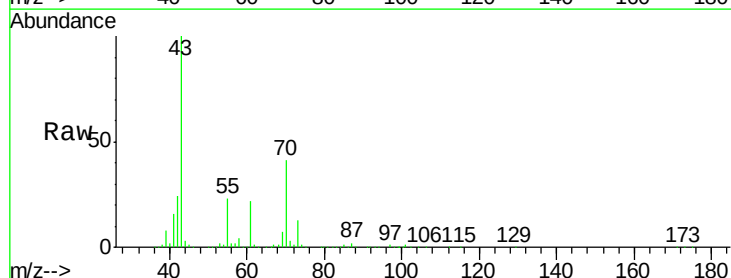
Ion Ratio Lower Upper

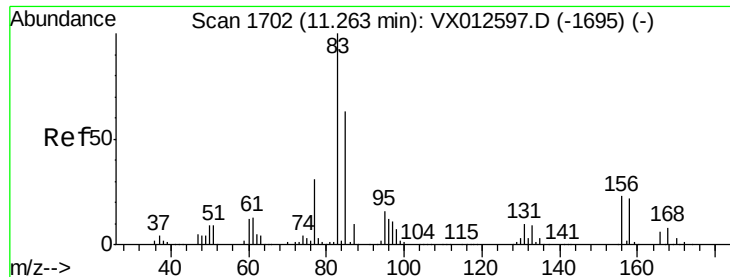
43 100

70 42.5 32.4 48.6

55 24.9 18.2 27.4

61 23.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.308 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

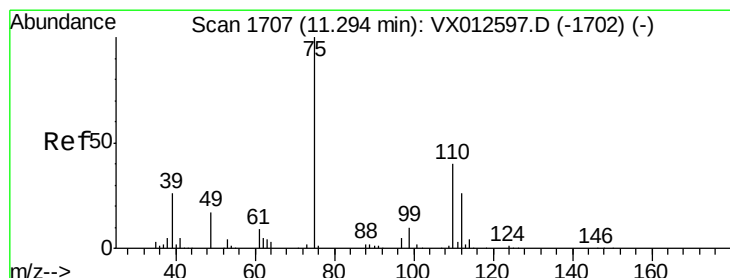
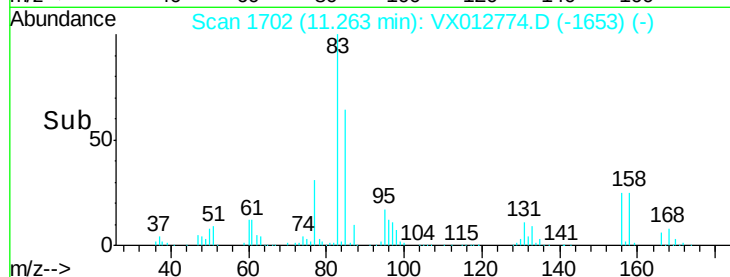
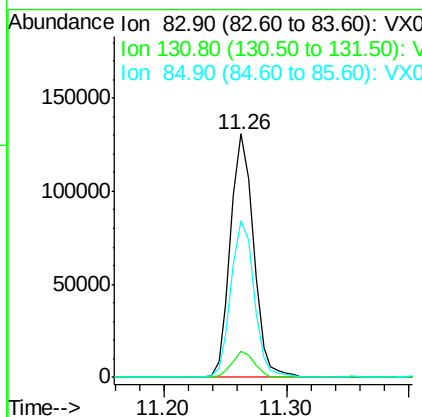
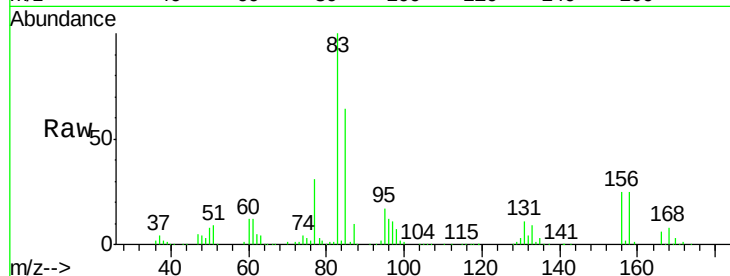
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	171250
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.5	32.0	96.0

Manual Integrations
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MMDadoda
10/3/2019 10:50:35 AM



#76

1,2,3-Trichloropropane

Concen: 47.561 ug/l m

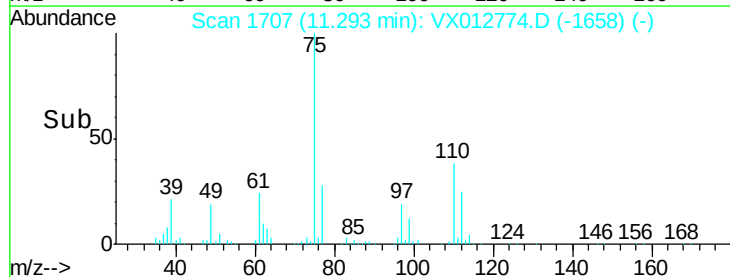
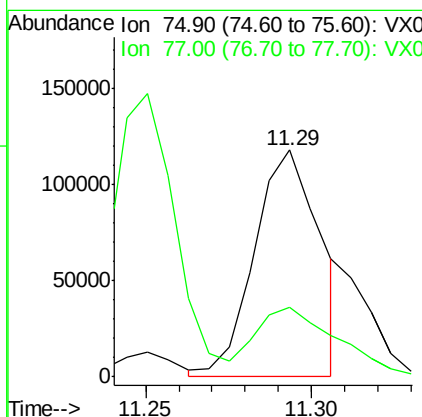
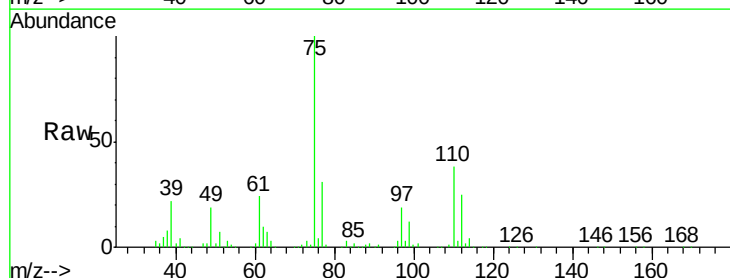
RT: 11.29 min Scan# 1707

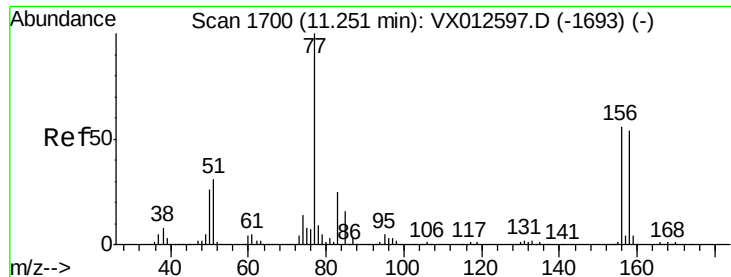
Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion:	75	Resp:	161989
Ion Ratio		Lower	Upper
75	100		
77	38.1	19.7	59.0





#77

Bromobenzene

Concen: 48.273 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

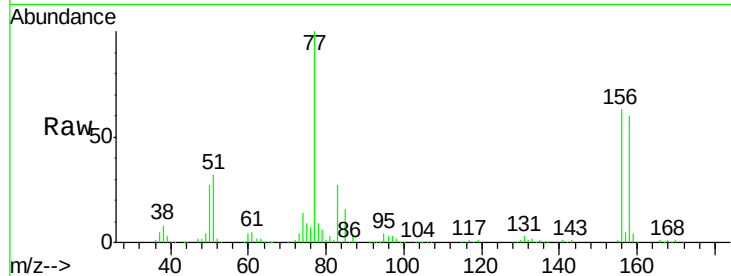
ClientSampleId :

VSTDCCC050EC

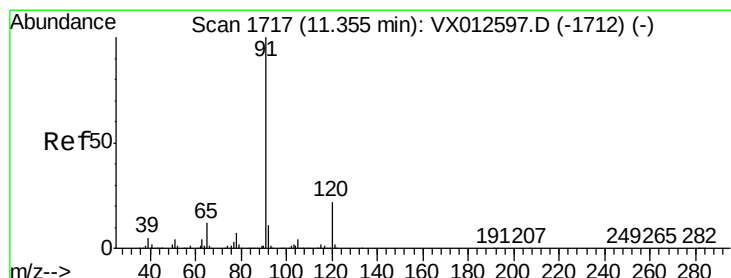
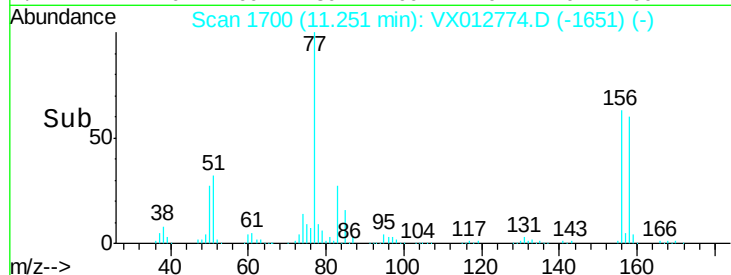
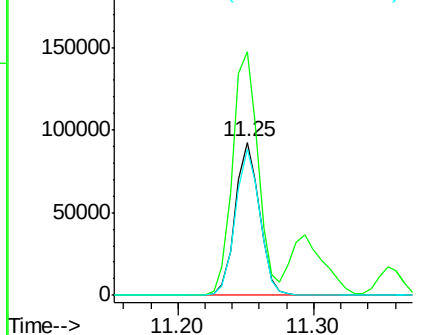
Tot Ion:	156	Resp:	114573
Ion Ratio	Lower	Upper	
156	100		
77	169.2	87.3	261.8
158	96.4	48.5	145.6

Manual Integrations
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MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.656 ug/l

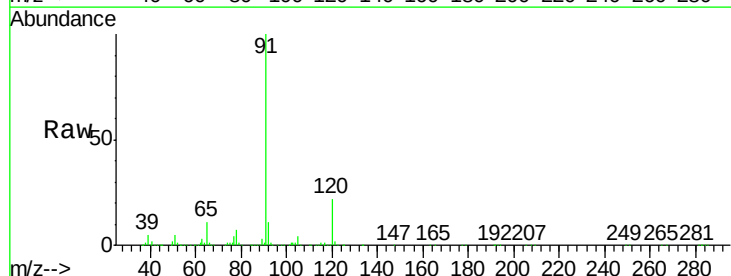
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

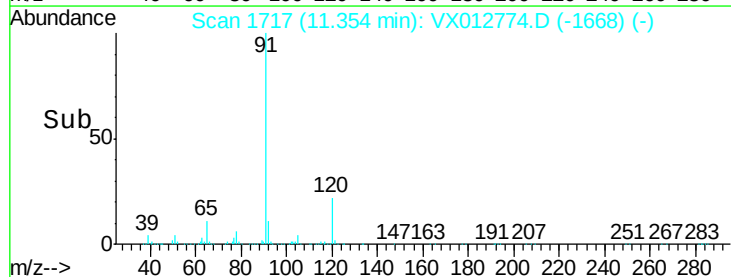
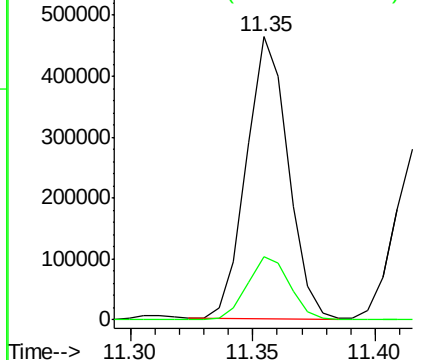
Lab File: VX012774.D

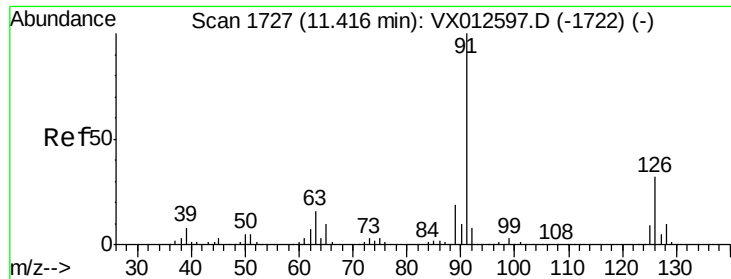
Acq: 02 Oct 2019 21:07

Tgt Ion:	91	Resp:	550831
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.469 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 342248

Ion Ratio Lower Upper

91 100

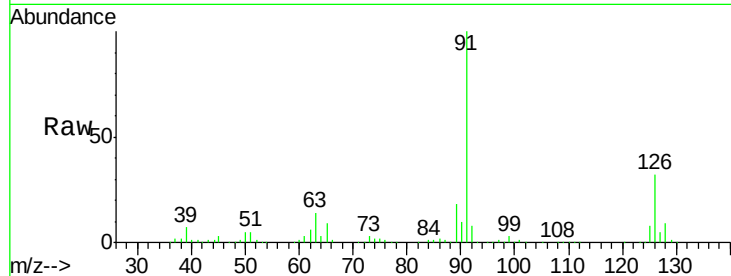
126 32.0 16.4 49.4

Manual Integrations

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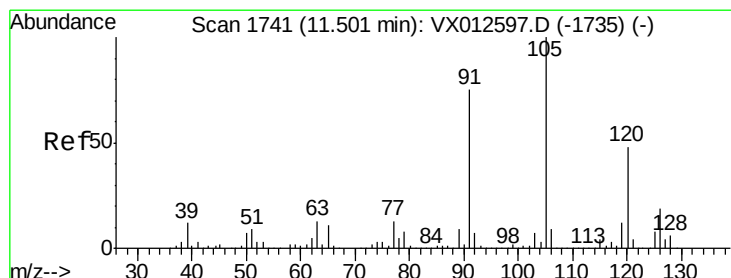
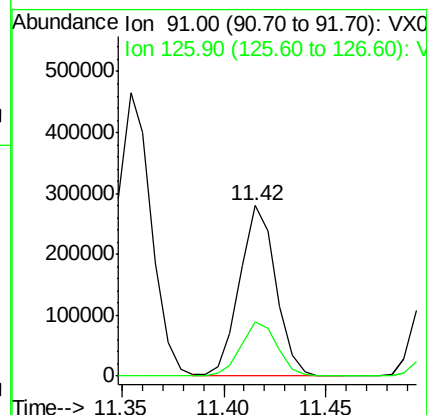
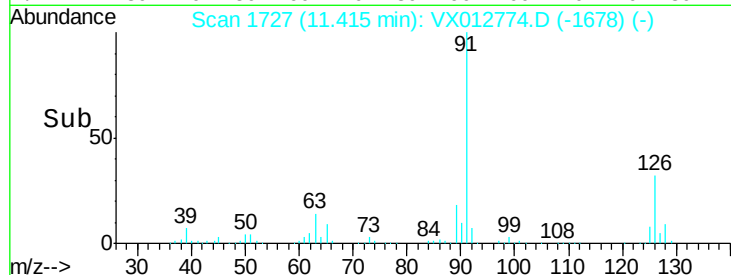
MMDadoda

10/3/2019 10:50:35 AM



Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012597.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.594 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012774.D

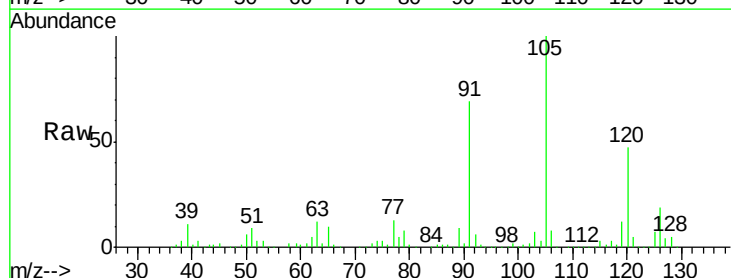
Acq: 02 Oct 2019 21:07

Tgt Ion: 105 Resp: 418548

Ion Ratio Lower Upper

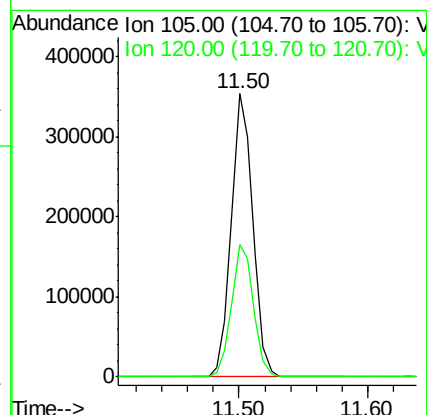
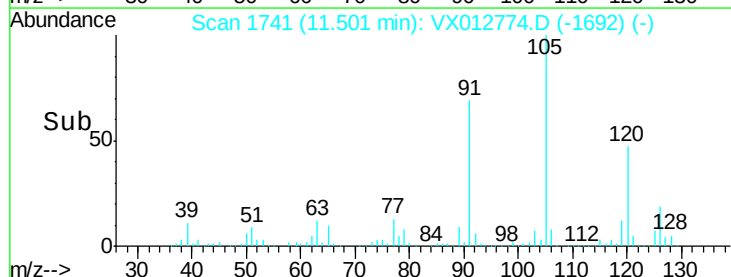
105 100

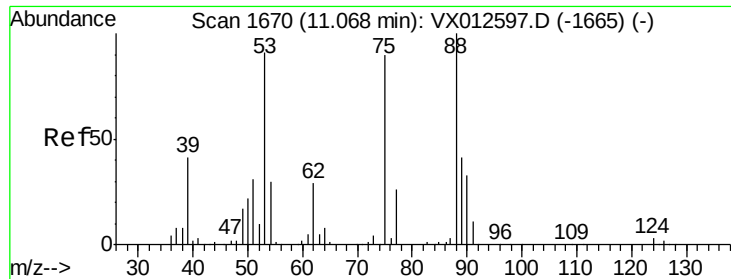
120 47.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012597.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012597.D (-1735) (-)





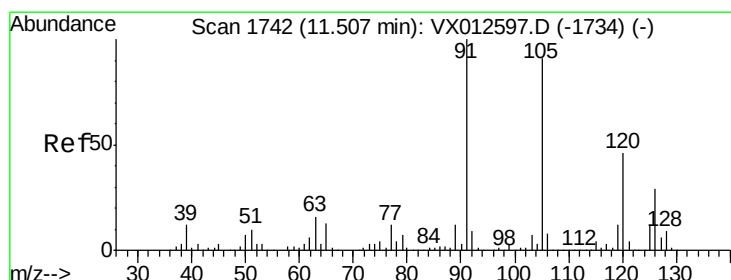
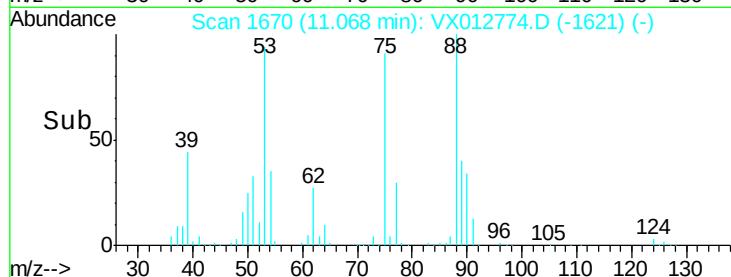
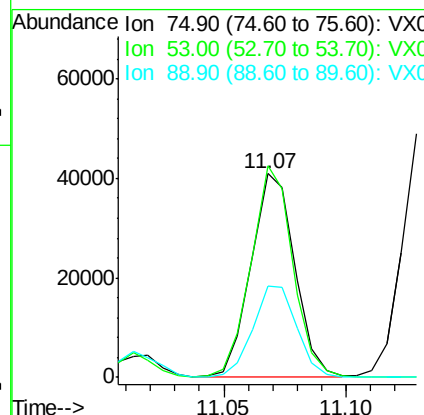
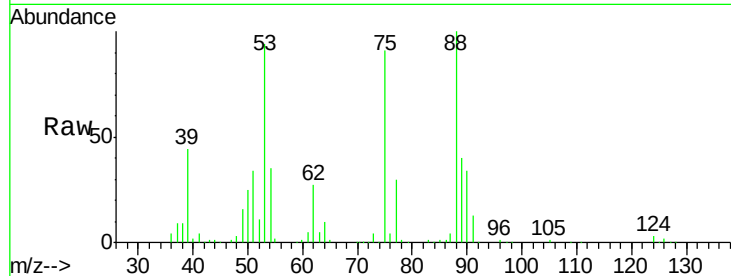
#81
trans-1,4-Dichloro-2-butene
Concen: 42.792 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	83.6	125.4
89	45.7	36.3	54.5

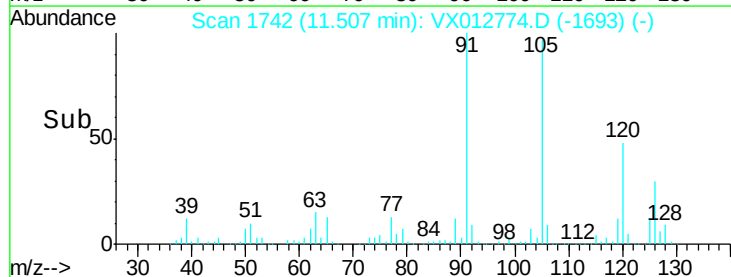
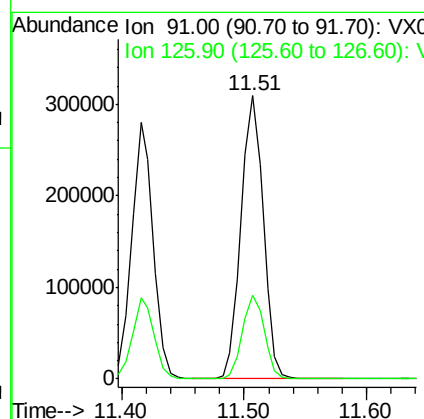
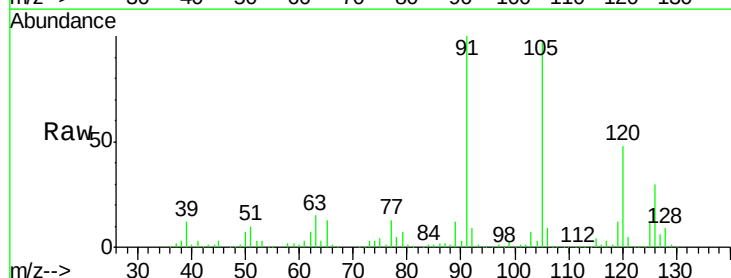
Manual Integrations
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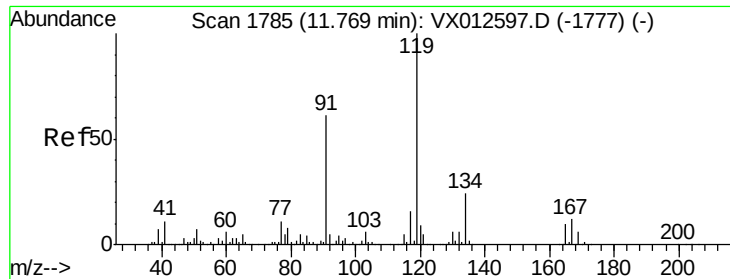
MMDadoda
10/3/2019 10:50:35 AM



#82
4-Chlorotoluene
Concen: 46.232 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.4	43.0





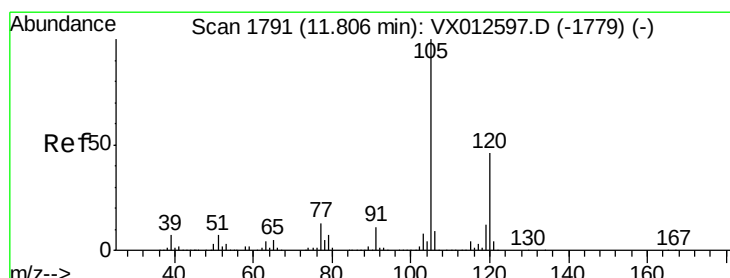
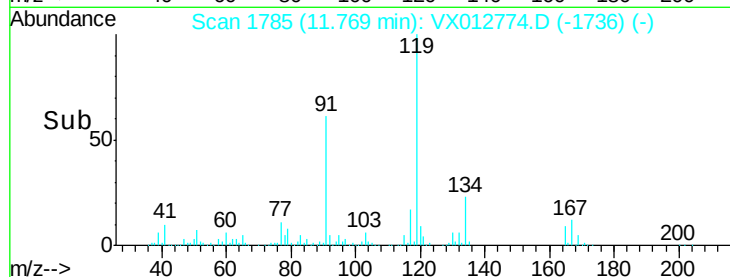
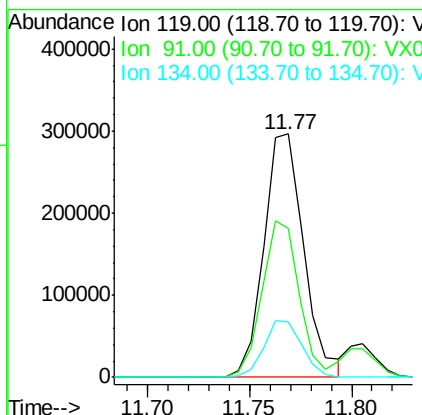
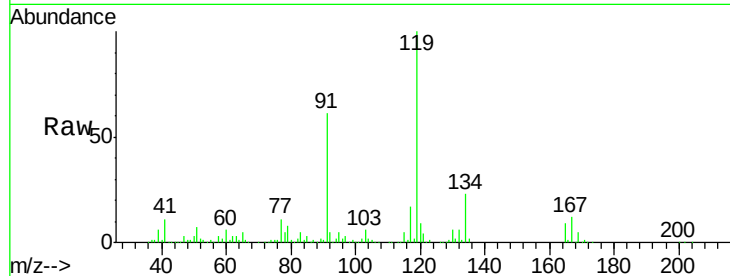
#83
 tert-Butylbenzene
 Concen: 47.739 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	404969		
91	59.7		30.0	90.0
134	22.5		11.3	33.9

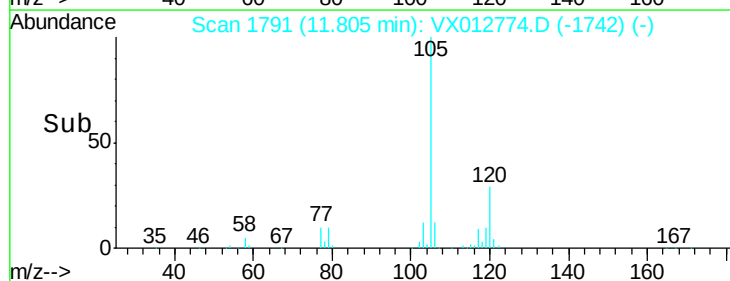
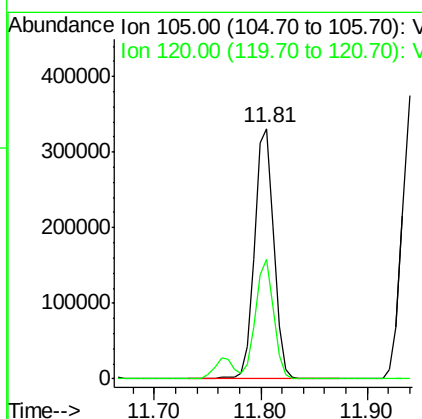
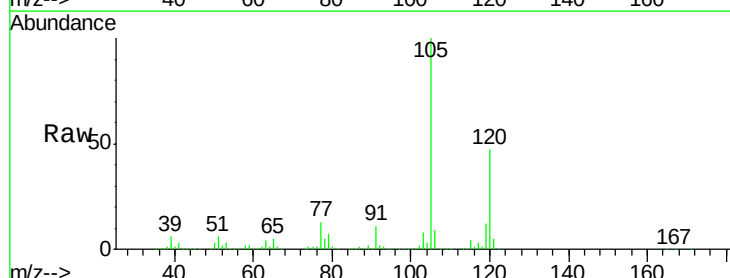
Manual Integrations
 APPROVED

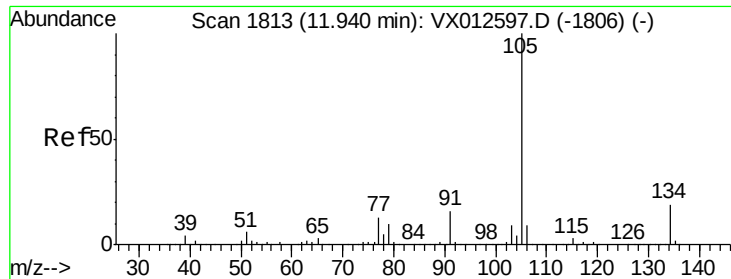
MMDadoda
 10/3/2019 10:50:35 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 47.442 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	420873		
120	44.9		22.2	66.6





#85

sec-Butylbenzene

Concen: 48.176 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 475340

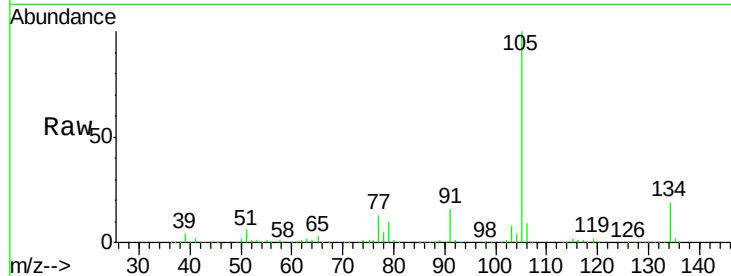
Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4

Manual Integrations
APPROVED

MMDadoda
10/3/2019 10:50:35 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

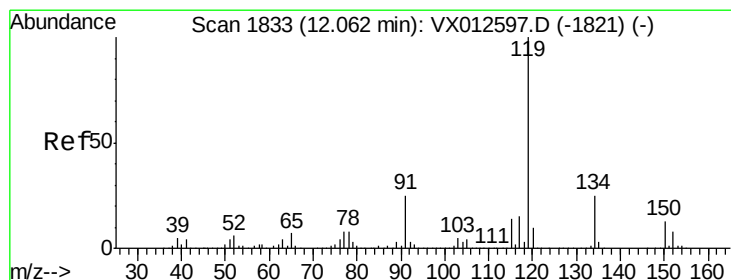
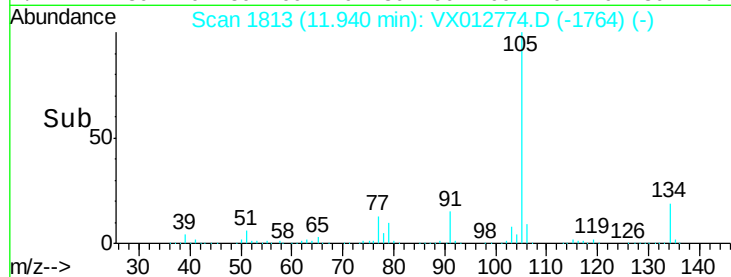
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.521 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

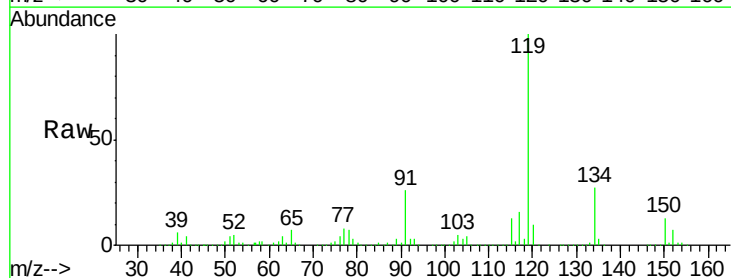
Tgt Ion:119 Resp: 431975

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 25.7 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

500000

400000

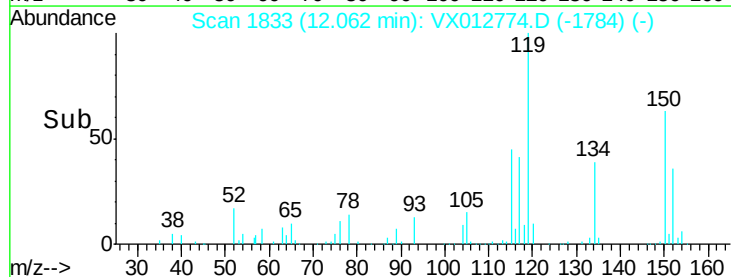
300000

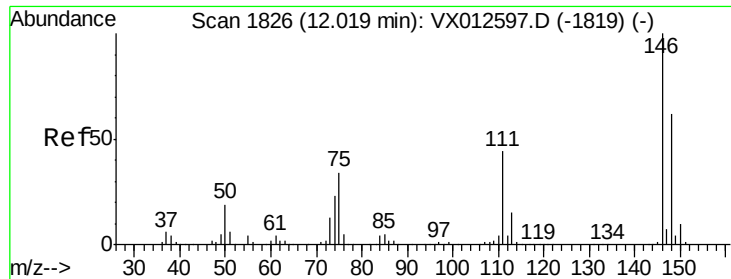
200000

100000

0

Time-->





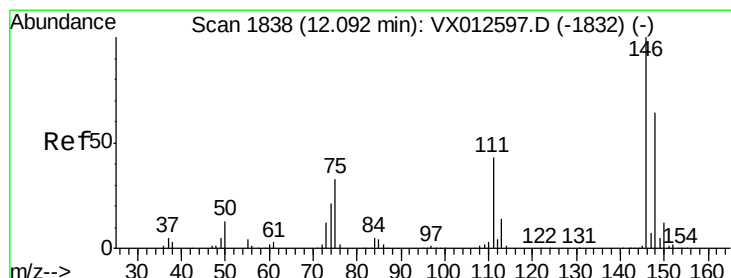
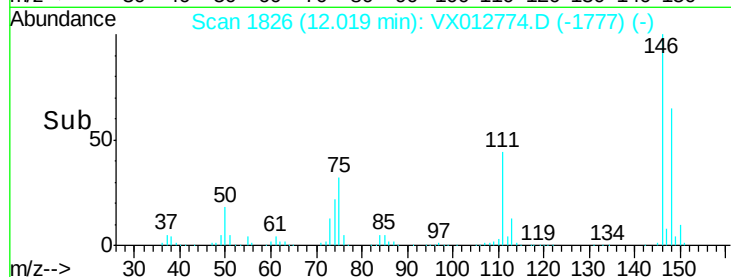
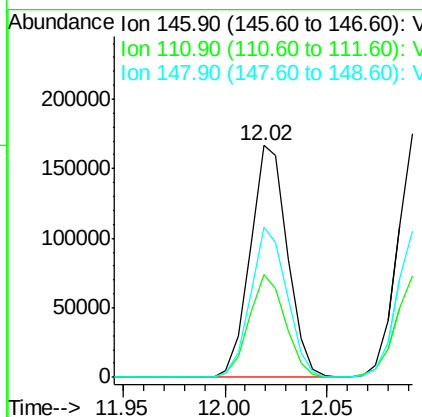
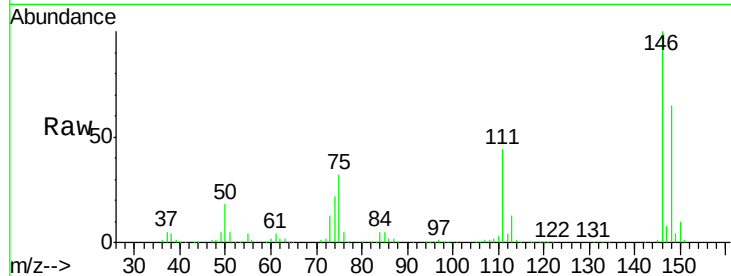
#87
 1,3-Dichlorobenzene
 Concen: 49.465 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	64.0
148	63.3	32.4	97.2

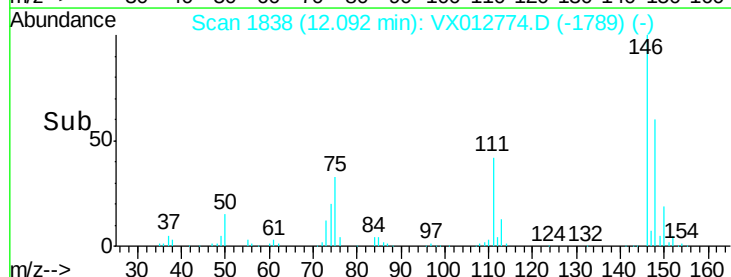
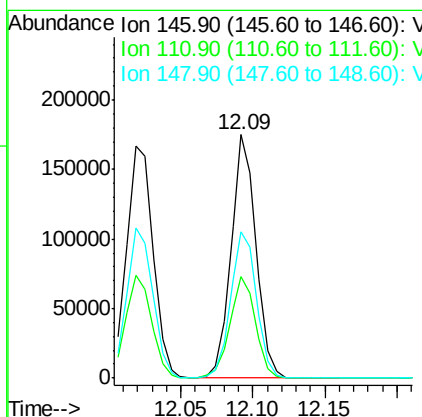
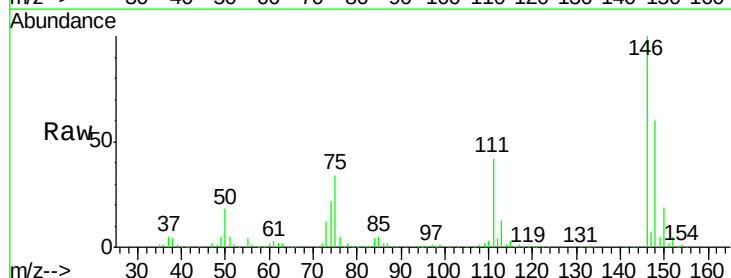
Manual Integrations
 APPROVED

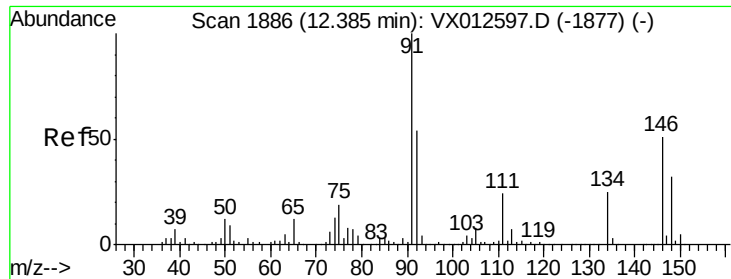
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.897 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.3
148	63.1	32.1	96.5





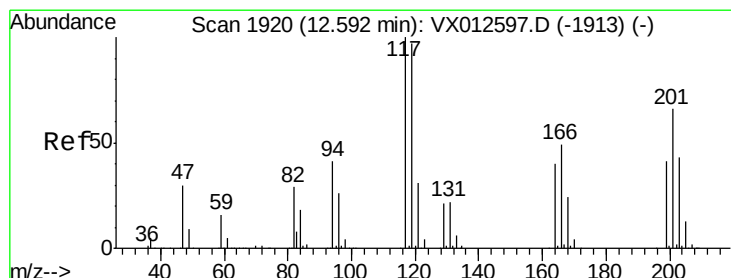
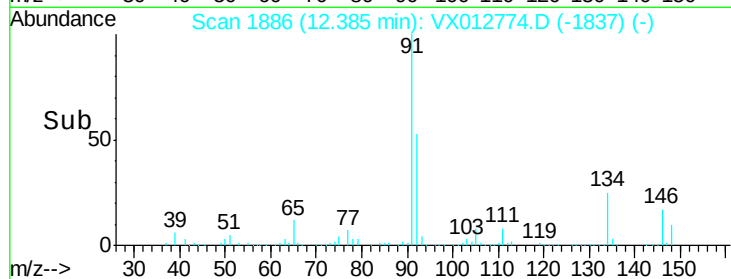
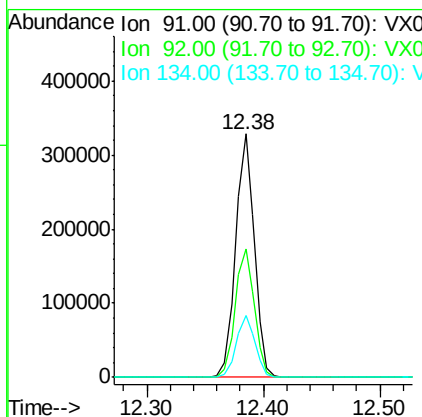
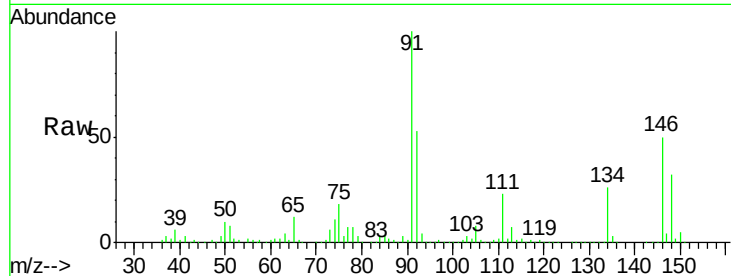
#89
n-Butylbenzene
Concen: 47.029 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	368951		
92	54.2	27.7	83.0	
134	25.6	12.9	38.6	

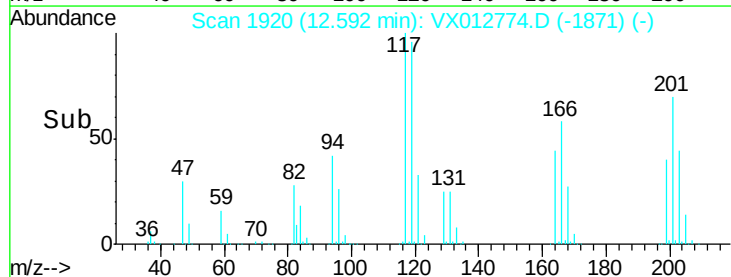
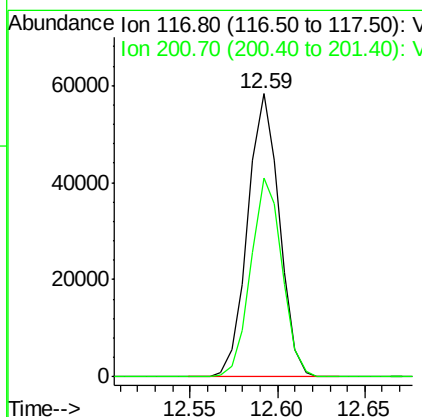
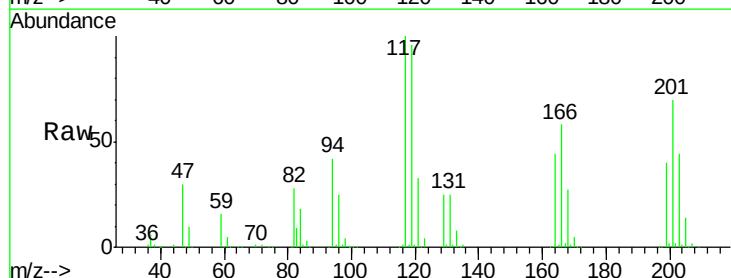
Manual Integrations
APPROVED

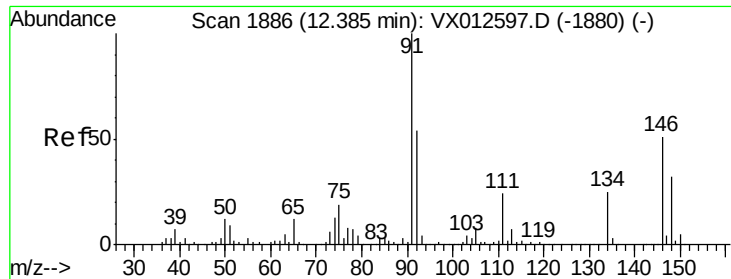
MMDadoda
10/3/2019 10:50:35 AM



#90
Hexachloroethane
Concen: 46.360 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73583		
201	69.8	33.3	99.8	





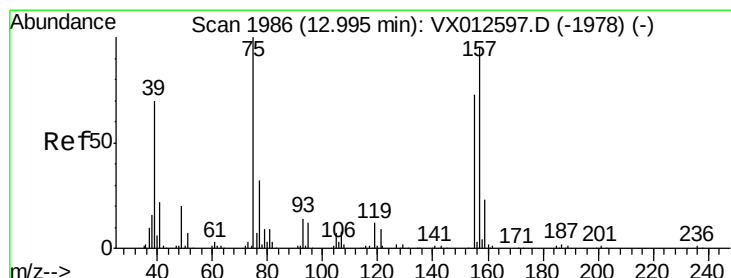
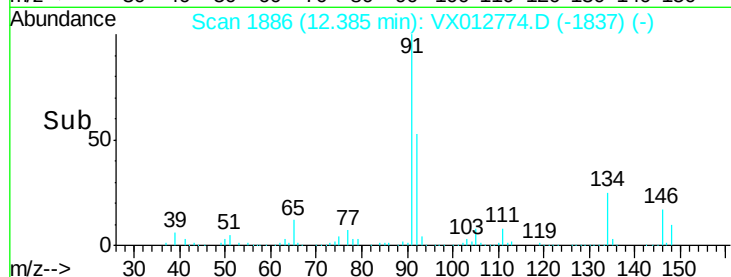
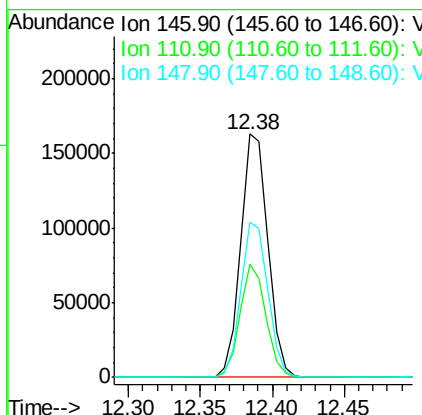
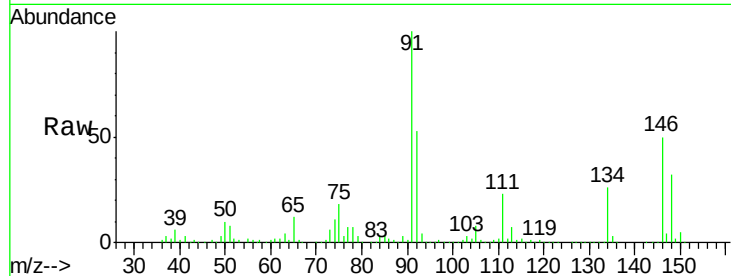
#91
 1,2-Dichlorobenzene
 Concen: 49.651 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.1	66.1
148	64.0	31.3	93.9

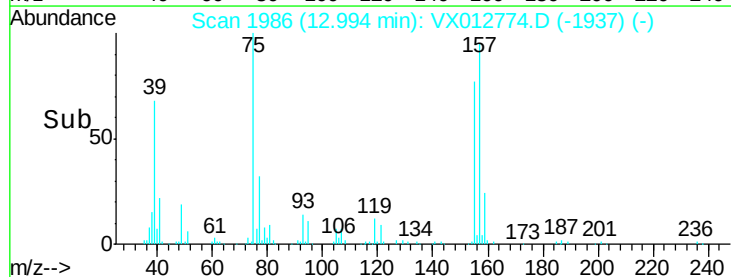
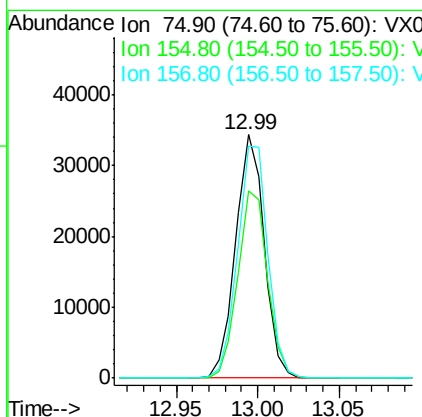
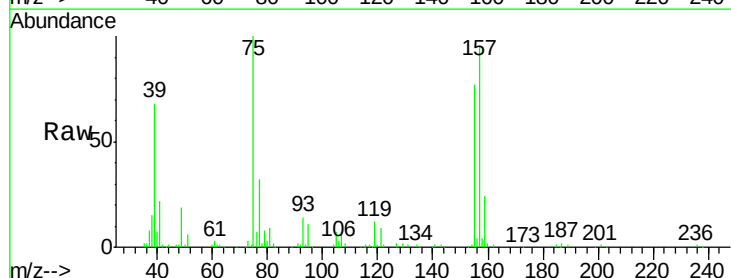
Manual Integrations
 APPROVED

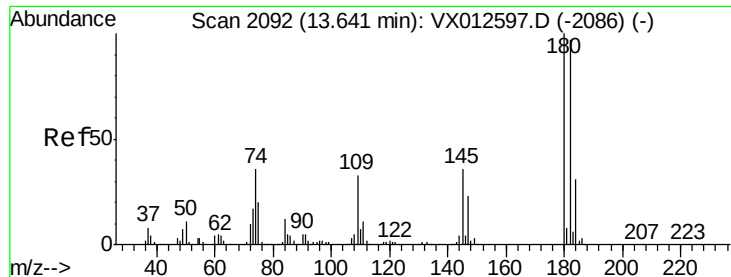
MMDadoda
 10/3/2019 10:50:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.401 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	38.6	115.8
157	100.7	50.6	151.9





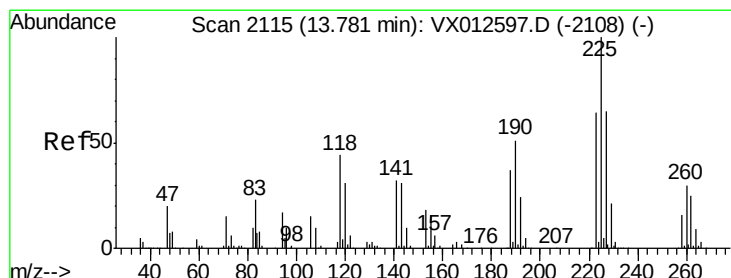
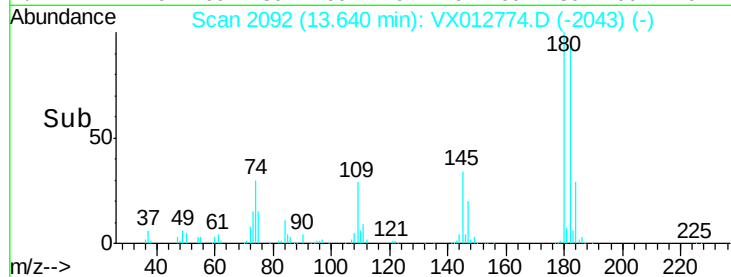
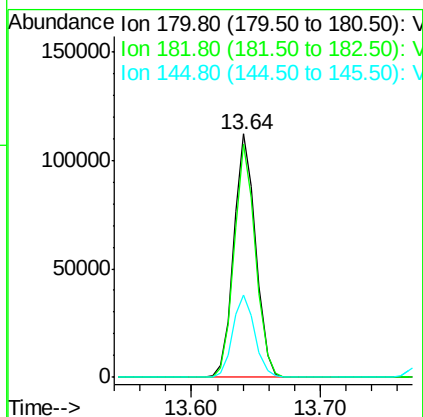
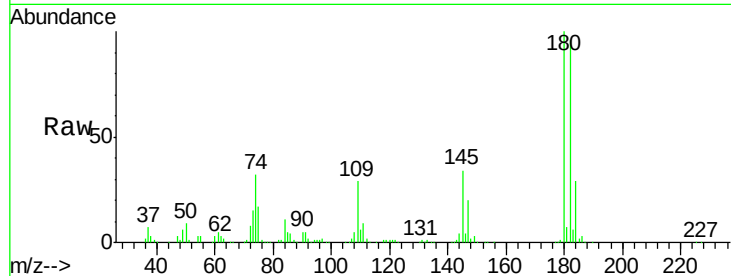
#93
 1,2,4-Trichlorobenzene
 Concen: 50.977 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	132940		
182	93.6	47.0	141.0	
145	34.1	16.8	50.4	

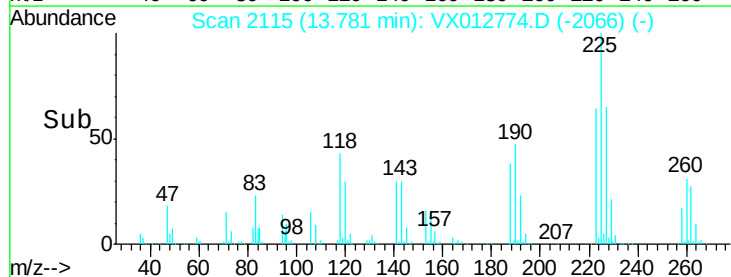
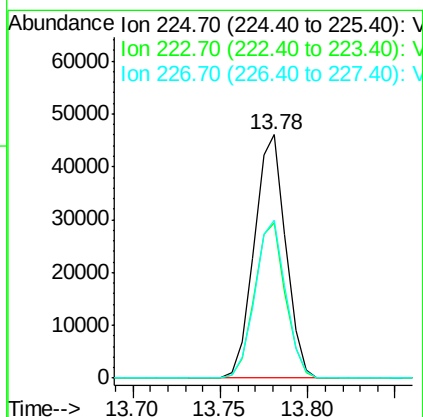
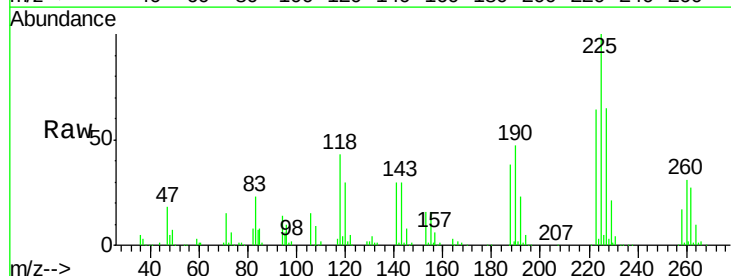
Manual Integrations
 APPROVED

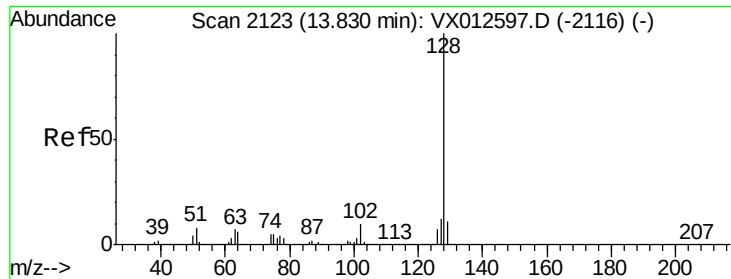
MMDadoda
 10/3/2019 10:50:35 AM



#94
 Hexachlorobutadiene
 Concen: 51.244 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57491		
223	62.5	32.0	96.2	
227	63.4	31.9	95.5	





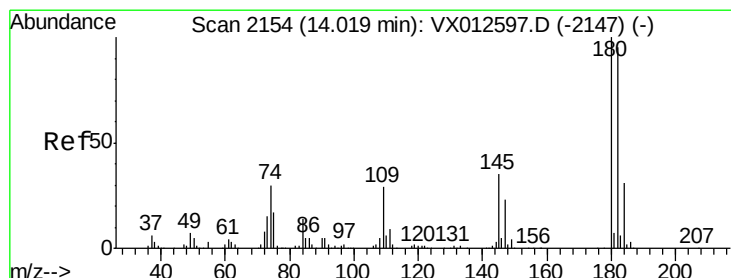
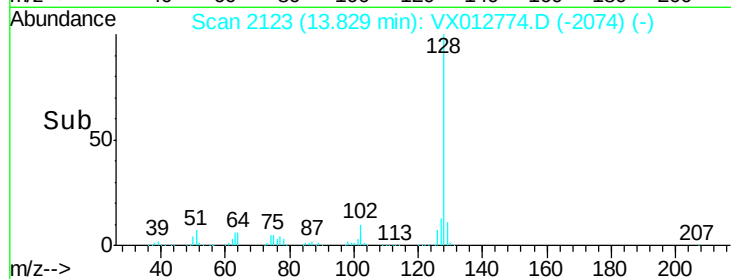
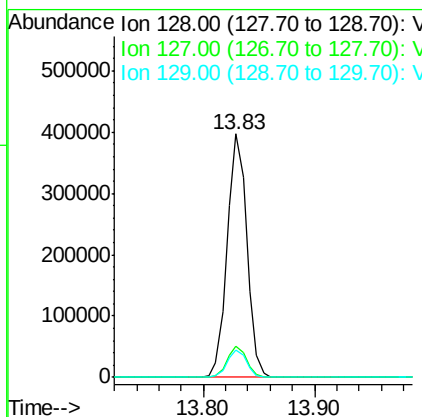
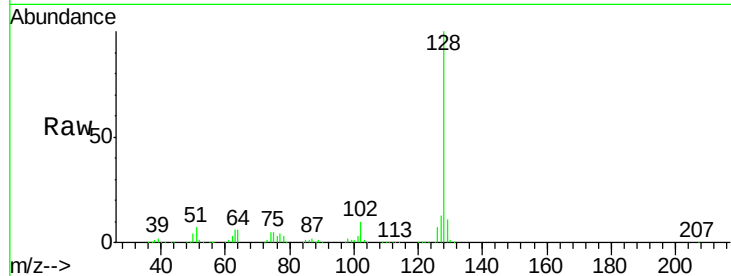
#95
Naphthalene
Concen: 51.380 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/3/2019 10:50:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.199 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.1	141.3
145	36.2	18.0	54.0

