

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012904.D
 Acq On : 08 Oct 2019 21:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:05 AM

Quant Time: Oct 09 03:58:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112343	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.49	113	87947	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	340341	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	134599	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	96804	52.878	ug/l	98
3) Chloromethane	1.32	50	102267	51.329	ug/l	94
4) Vinyl Chloride	1.40	62	105155	51.135	ug/l	98
5) Bromomethane	1.63	94	40234	47.066	ug/l	99
6) Chloroethane	1.71	64	67095	53.388	ug/l	98
7) Trichlorofluoromethane	1.92	101	142810	51.452	ug/l	99
8) Diethyl Ether	2.18	74	57639	51.448	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92365	51.418	ug/l	99
10) Methyl Iodide	2.50	142	89891	44.763	ug/l	97
11) Tert butyl alcohol	3.03	59	154010	258.809	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93505	51.519	ug/l	98
13) Acrolein	2.28	56	96471	228.122	ug/l	99
14) Allyl chloride	2.72	41	168409	52.104	ug/l	98
15) Acrylonitrile	3.13	53	302613	268.344	ug/l	100
16) Acetone	2.44	43	261018	220.599	ug/l	99
17) Carbon Disulfide	2.56	76	253115	48.909	ug/l	98
18) Methyl Acetate	2.76	43	143868	51.298	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	337231	53.805	ug/l	98
20) Methylene Chloride	2.84	84	105591	48.558	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	100161	51.489	ug/l	100
22) Diisopropyl ether	3.84	45	330005	53.283	ug/l	95
23) Vinyl Acetate	3.80	43	1446399	270.524	ug/l	99
24) 1,1-Dichloroethane	3.69	63	184088	52.834	ug/l	100
25) 2-Butanone	4.66	43	425737	259.349	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140491	47.949	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	114130	50.898	ug/l	100
28) Bromochloromethane	5.00	49	55997	53.811	ug/l	99
29) Tetrahydrofuran	5.11	42	270610	267.888	ug/l	99
30) Chloroform	5.20	83	184685	51.657	ug/l	100
31) Cyclohexane	5.57	56	170175	52.232	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	161352	53.264	ug/l	99
36) 1,1-Dichloropropene	5.79	75	140056	51.661	ug/l	100
37) Ethyl Acetate	4.82	43	156647	51.674	ug/l	99
38) Carbon Tetrachloride	5.78	117	137485	52.102	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170782	51.945	ug/l	97
40) Benzene	6.13	78	414198	51.729	ug/l	98
41) Methacrylonitrile	5.03	41	86783	52.098	ug/l	99
42) 1,2-Dichloroethane	6.18	62	149497	52.032	ug/l	99
43) Isopropyl Acetate	6.43	43	257291	52.880	ug/l	100
44) Trichloroethene	7.20	130	107679	48.496	ug/l	93
45) 1,2-Dichloropropane	7.51	63	106124	52.003	ug/l	99
46) Dibromomethane	7.65	93	70759	52.042	ug/l	99
47) Bromodichloromethane	7.89	83	140616	52.995	ug/l	99
48) Methyl methacrylate	7.76	41	125572	52.960	ug/l	98
49) 1,4-Dioxane	7.73	88	64954	1020.098	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	811314	267.444	ug/l	100
52) Toluene	8.78	92	262818	51.306	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	155565	47.110	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	172817	52.955	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105462	52.023	ug/l	99
56) Ethyl methacrylate	9.17	69	174790	48.217	ug/l	99
57) 1,3-Dichloropropane	9.37	76	178383	50.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	400311	268.801	ug/l	99
59) 2-Hexanone	9.48	43	627185	265.593	ug/l	100
60) Dibromochloromethane	9.58	129	106668	47.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	111097	52.096	ug/l	99
64) Tetrachloroethene	9.33	164	96700	50.718	ug/l	96
65) Chlorobenzene	10.14	112	273675	50.134	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	101464	53.608	ug/l	99
67) Ethyl Benzene	10.25	91	506447	52.230	ug/l	100
68) m/p-Xylenes	10.35	106	377247	104.142	ug/l	100
69) o-Xylene	10.70	106	183911	52.063	ug/l	100
70) Styrene	10.71	104	323351	53.844	ug/l	99
71) Bromoform	10.85	173	73260	45.722	ug/l #	99
73) Isopropylbenzene	11.01	105	489531	52.560	ug/l	99
74) N-amyl acetate	10.89	43	223010	55.597	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	159426	51.465	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	155019m	55.172	ug/l	
77) Bromobenzene	11.25	156	111048	50.597	ug/l	98
78) n-propylbenzene	11.35	91	548963	53.565	ug/l	99
79) 2-Chlorotoluene	11.42	91	339990	52.787	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	421615	54.213	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	50992	46.940	ug/l	99
82) 4-Chlorotoluene	11.51	91	389901	52.814	ug/l	100
83) tert-Butylbenzene	11.76	119	391310	51.581	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	409016	51.930	ug/l	96
85) sec-Butylbenzene	11.94	105	466435	53.070	ug/l	99
86) p-Isopropyltoluene	12.06	119	430965	52.870	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206215	50.597	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	208169	50.432	ug/l	99
89) n-Butylbenzene	12.39	91	372202	54.329	ug/l	100
90) Hexachloroethane	12.59	117	70890	47.084	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	205385	51.403	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40287	55.487	ug/l	98

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ClientSampleId :
VSTDCCC050

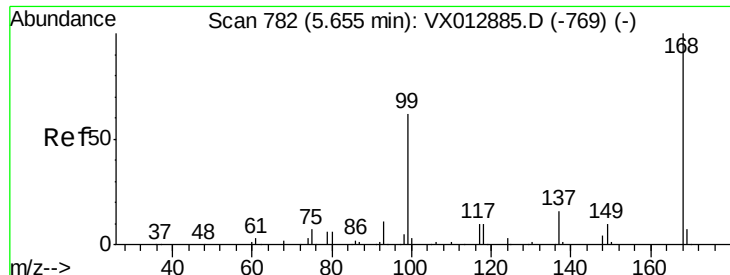
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132318	52.865	ug/l	100
94) Hexachlorobutadiene	13.78	225	59097	51.161	ug/l	98
95) Naphthalene	13.83	128	479912	55.312	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134818	52.123	ug/l	99

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



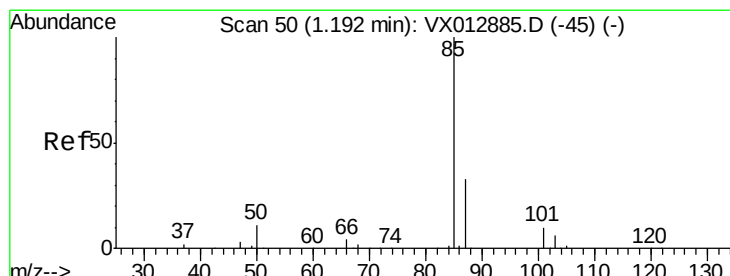
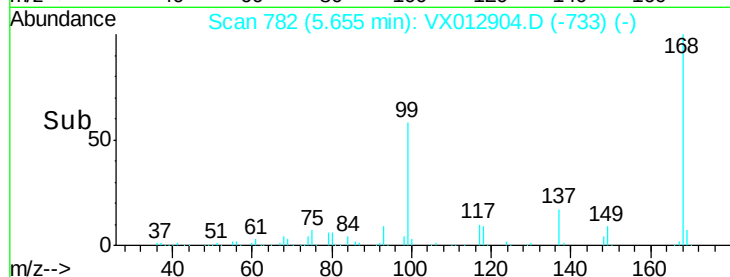
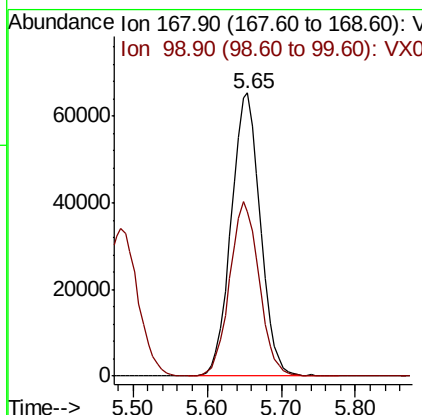
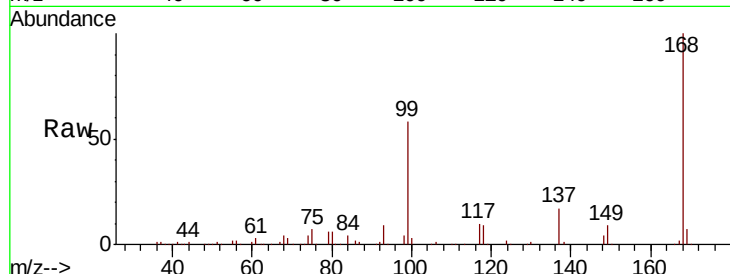
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.1	49.4	74.0

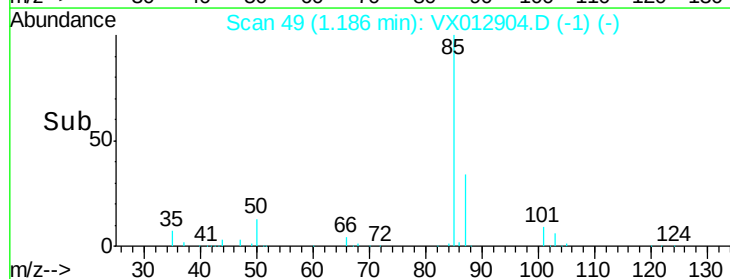
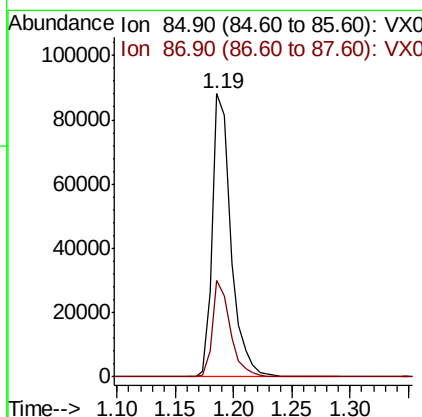
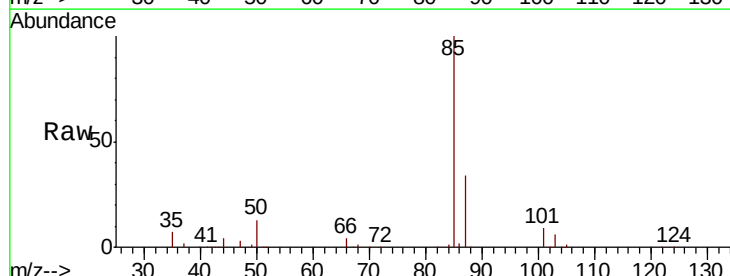
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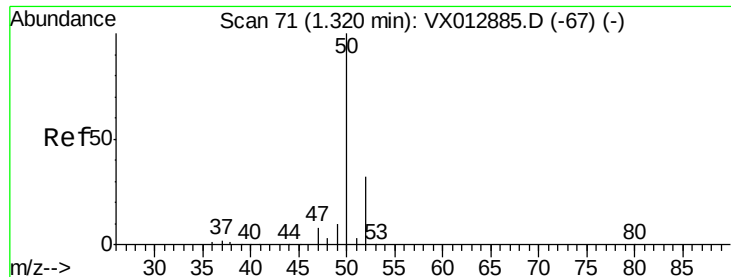
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#2
Dichlorodifluoromethane
Concen: 52.878 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.1	16.4	49.4





#3

Chloromethane

Concen: 51.329 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 102267

Ion Ratio Lower Upper

50 100

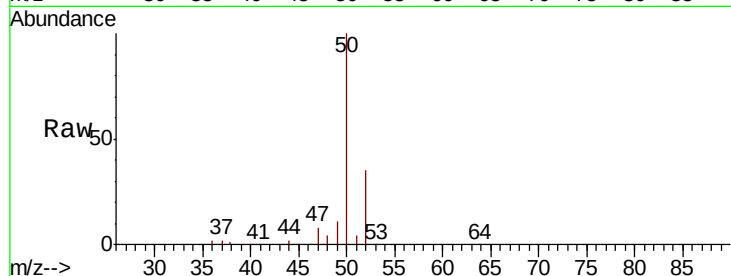
52 34.6 25.2 37.8

Manual Integrations

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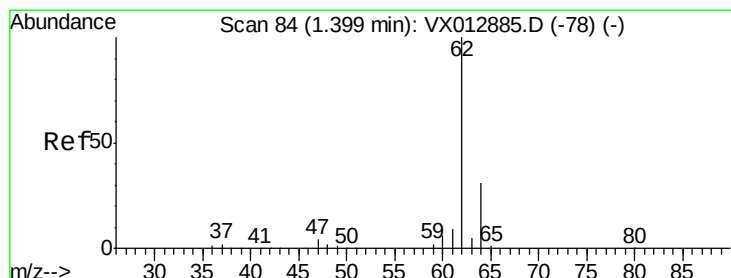
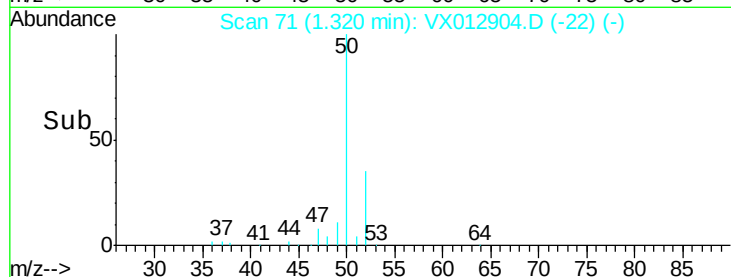
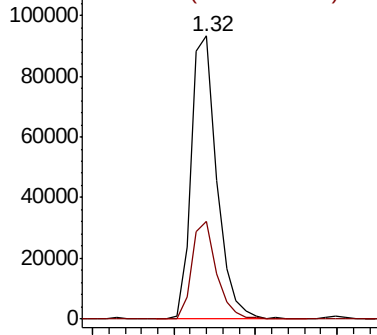
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.135 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012904.D

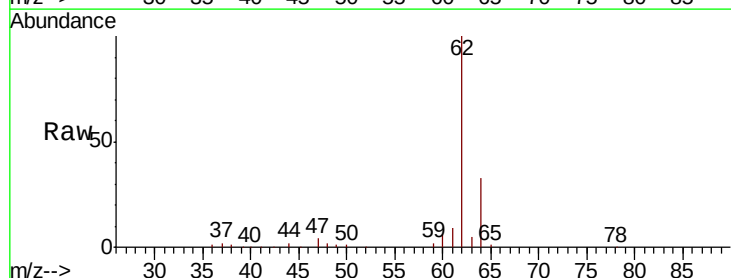
Acq: 08 Oct 2019 21:19

Tgt Ion: 62 Resp: 105155

Ion Ratio Lower Upper

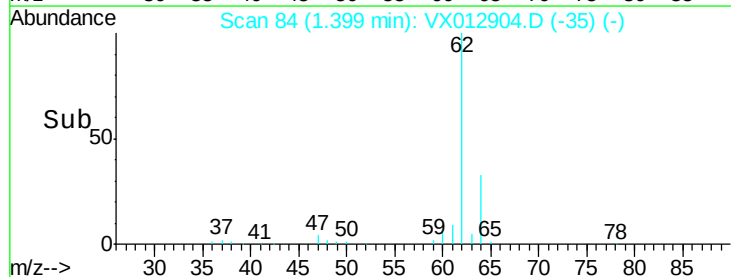
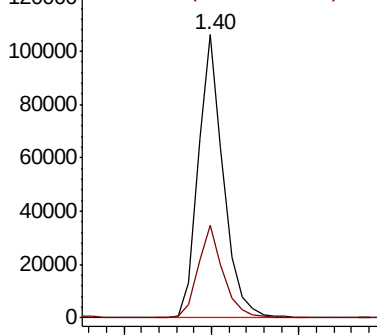
62 100

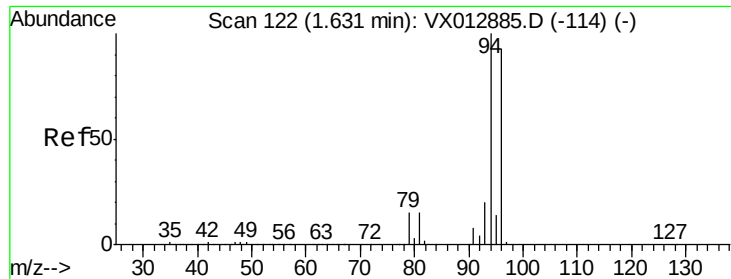
64 32.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.066 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 40234

Ion Ratio Lower Upper

94 100

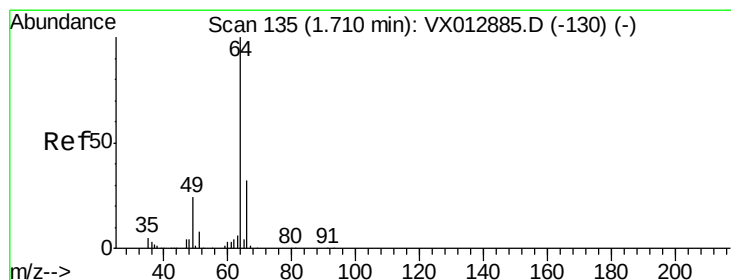
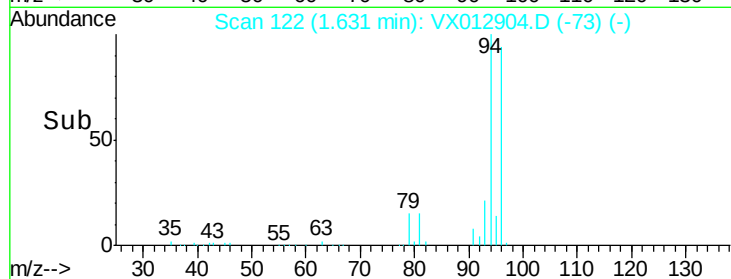
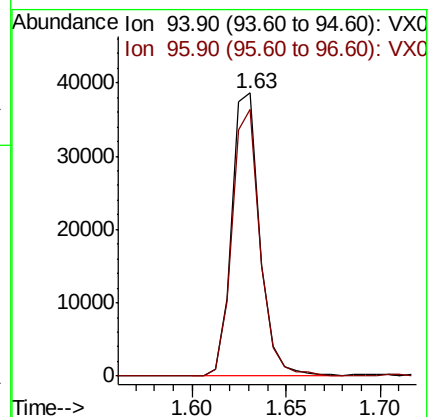
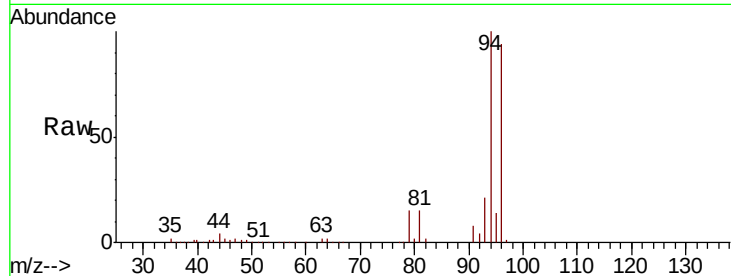
96 94.1 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 53.388 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012904.D

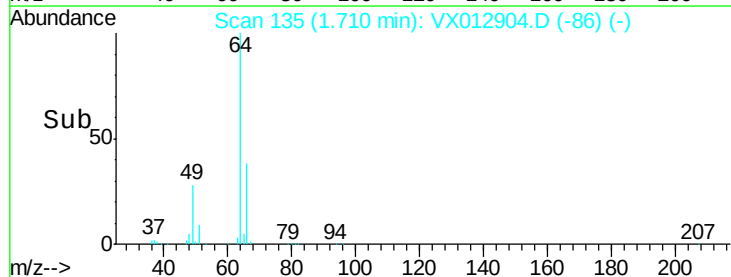
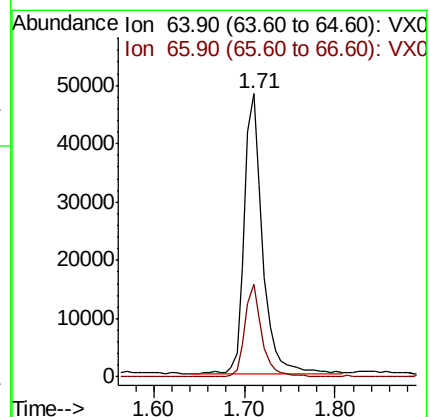
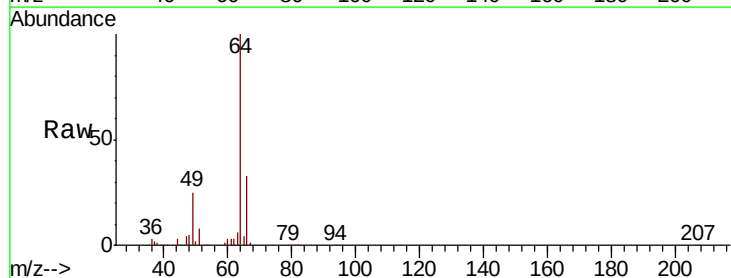
Acq: 08 Oct 2019 21:19

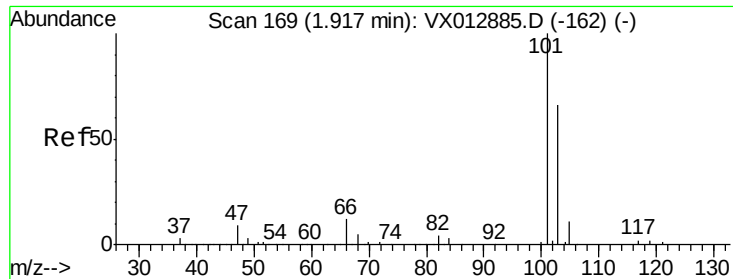
Tgt Ion: 64 Resp: 67095

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4





#7

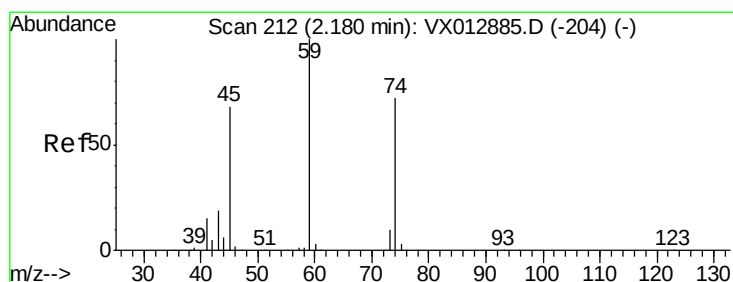
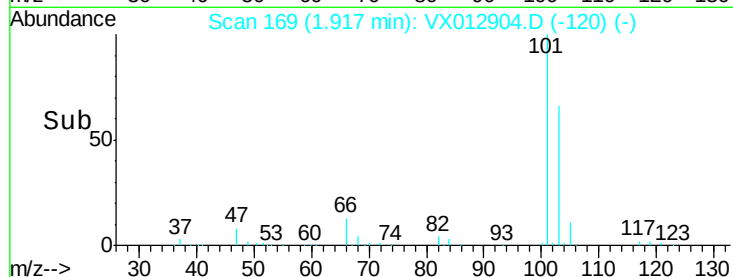
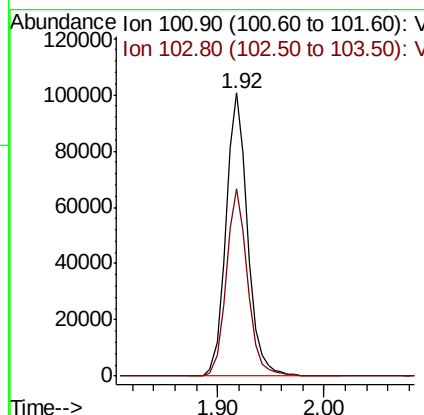
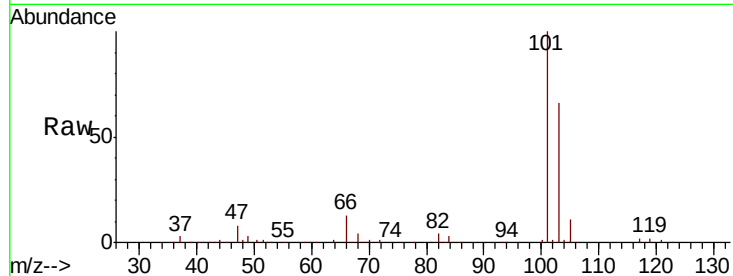
Trichlorofluoromethane
Concen: 51.452 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.5	78.7

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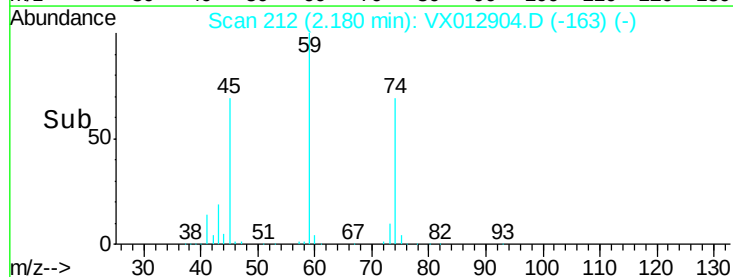
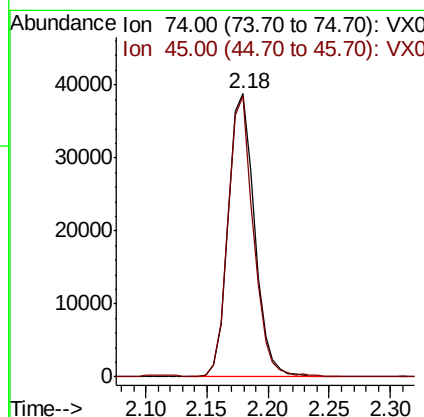
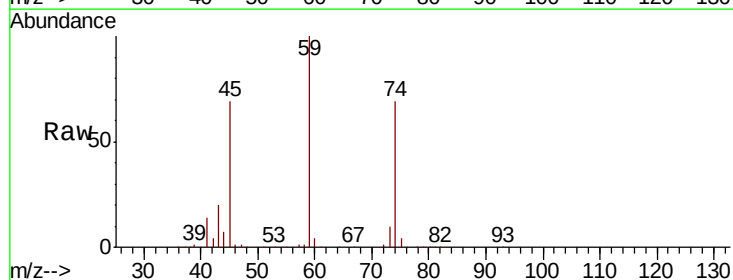
MMDadoda
10/9/2019 10:39:05 AM

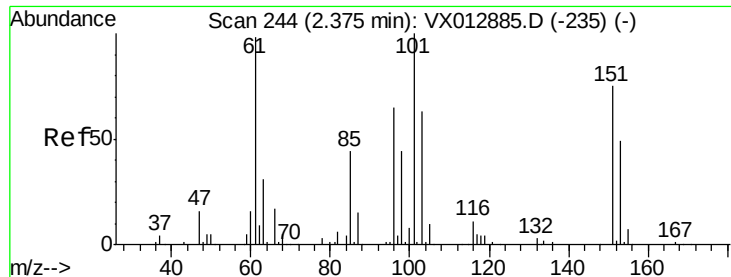


#8

Diethyl Ether
Concen: 51.448 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.418 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

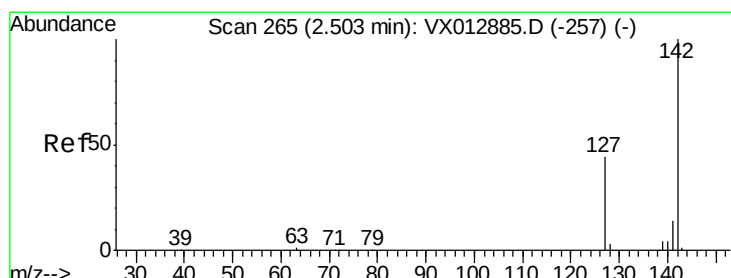
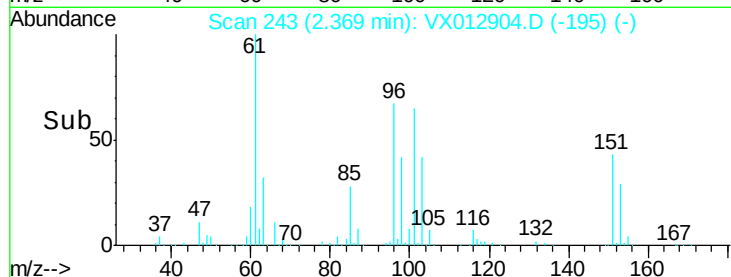
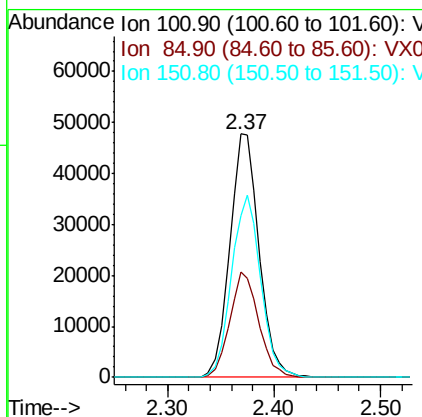
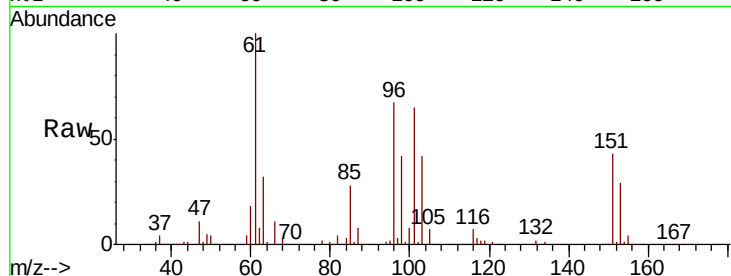
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	92365
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.2	52.8
151	74.6	60.3	90.5

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 44.763 ug/l

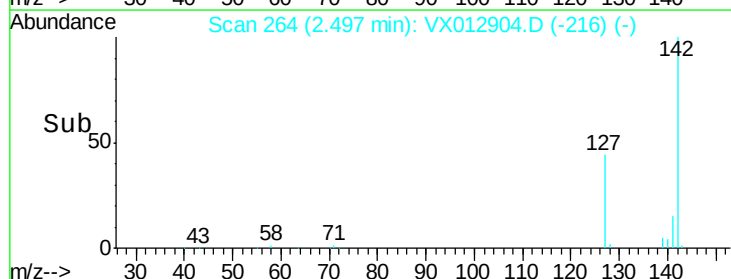
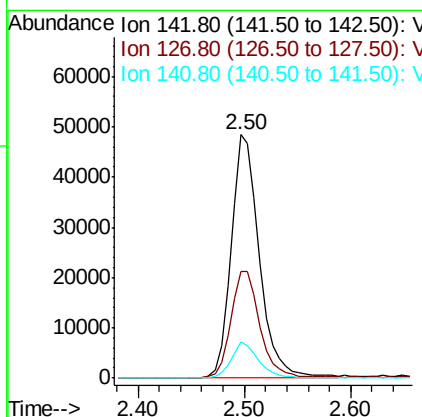
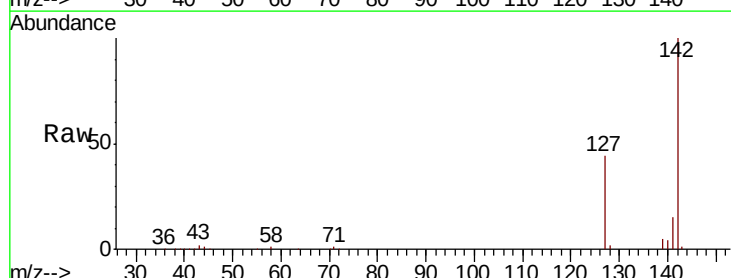
RT: 2.50 min Scan# 264

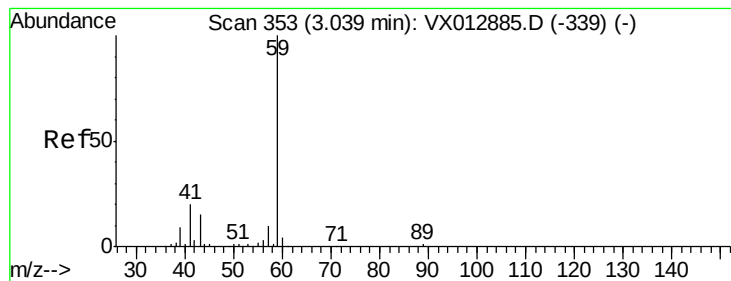
Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion:	142	Resp:	89891
Ion Ratio	Lower	Upper	
142	100		
127	45.7	34.9	52.3
141	14.7	11.6	17.4





#11

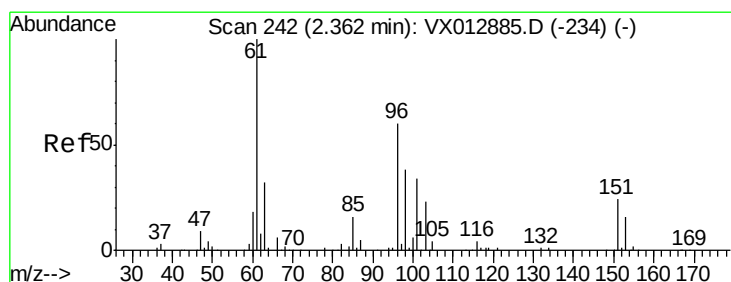
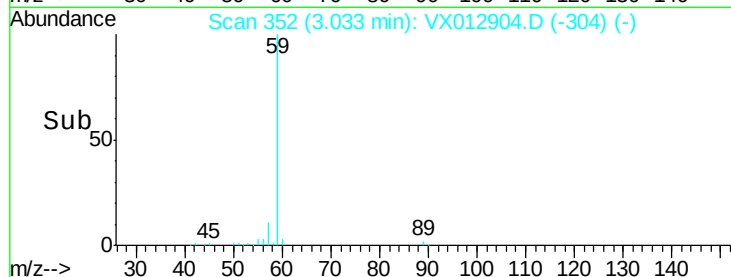
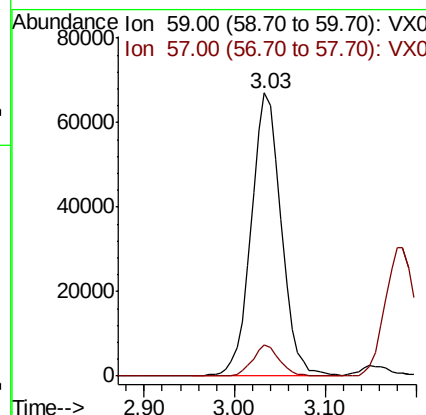
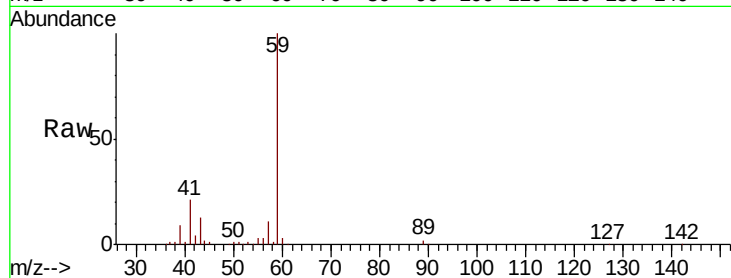
Tert butyl alcohol
 Concen: 258.809 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	9.8		8.3	12.5

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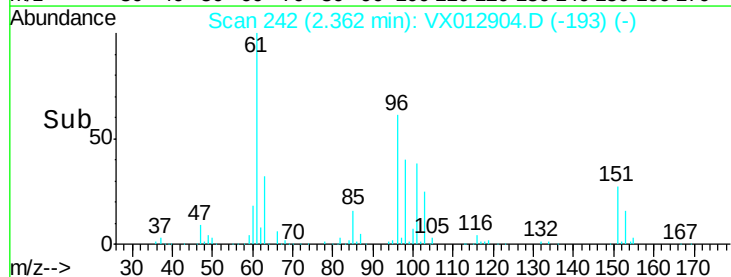
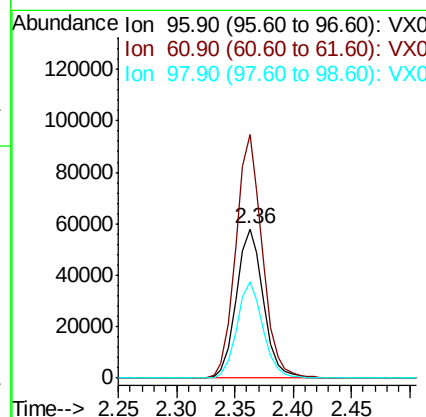
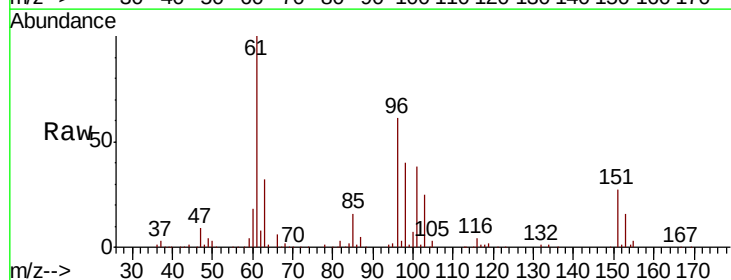
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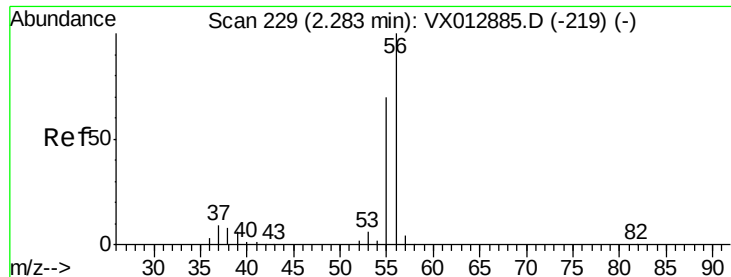


#12

1,1-Dichloroethene
 Concen: 51.519 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	96	Ratio	Lower	Upper
96	100			
61	162.8		132.2	198.4
98	64.7		50.5	75.7





#13

Acrolein

Concen: 228.122 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 96471

Ion Ratio Lower Upper

56 100

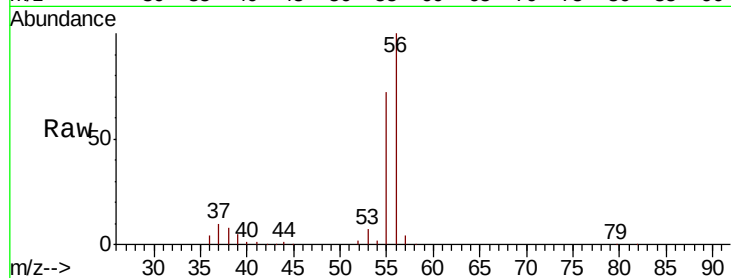
55 70.1 56.6 85.0

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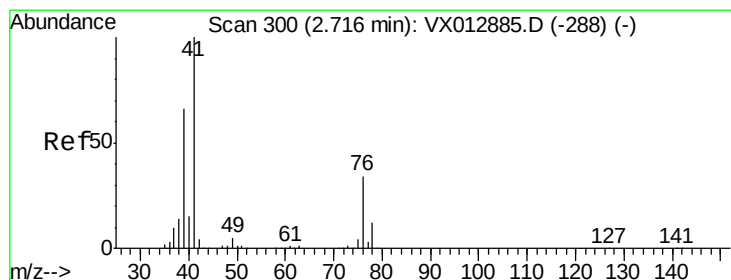
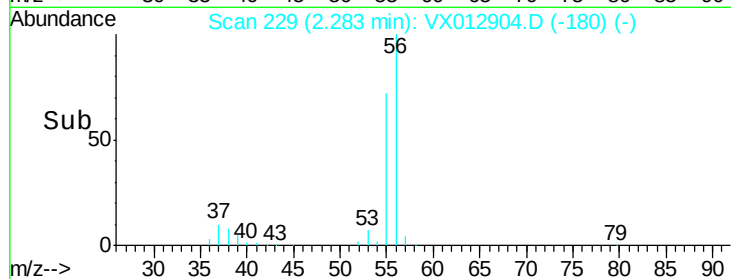
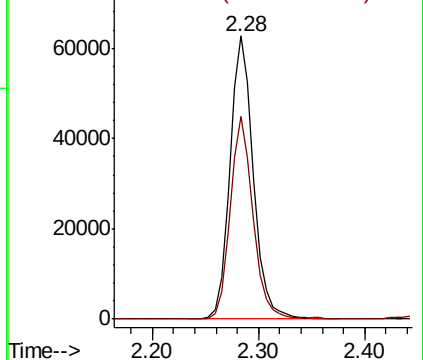
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.104 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

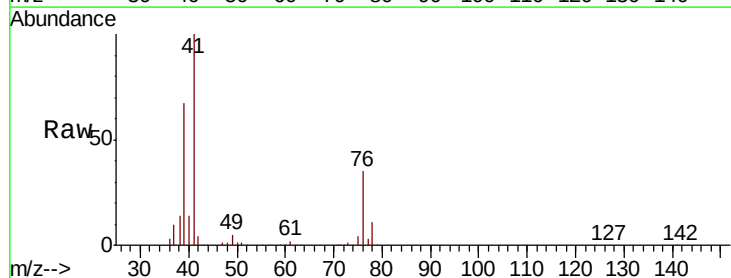
Tgt Ion: 41 Resp: 168409

Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.6

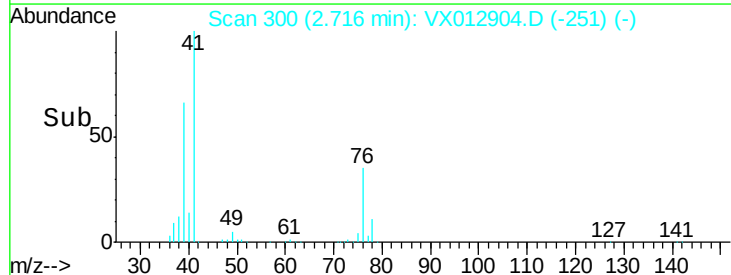
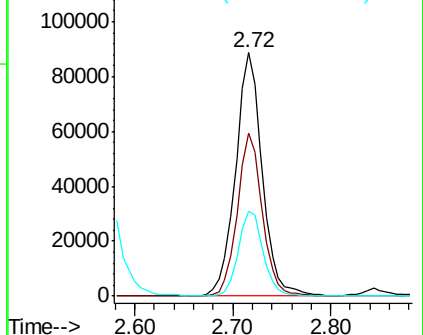
76 32.1 26.2 39.4

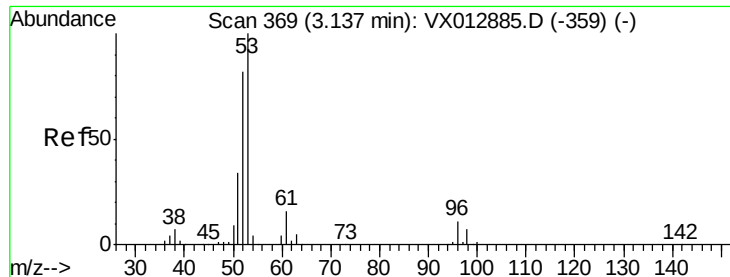


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





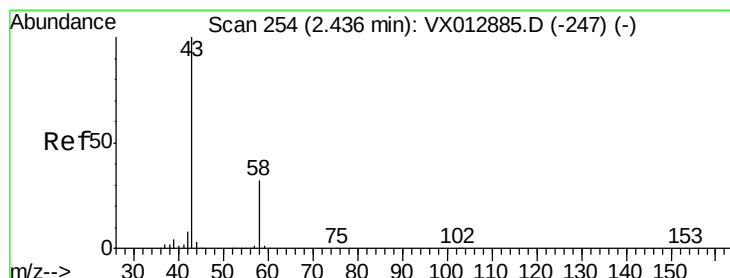
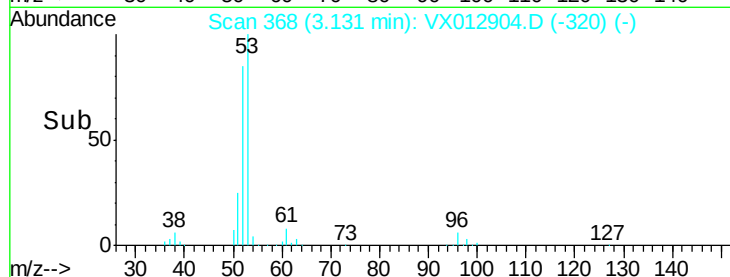
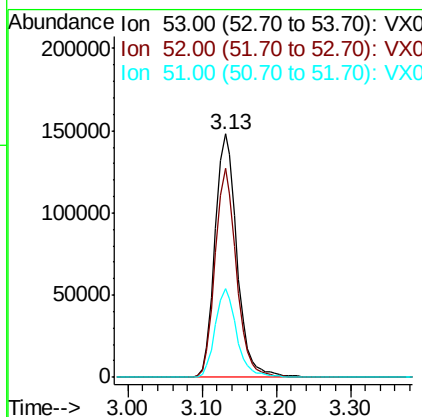
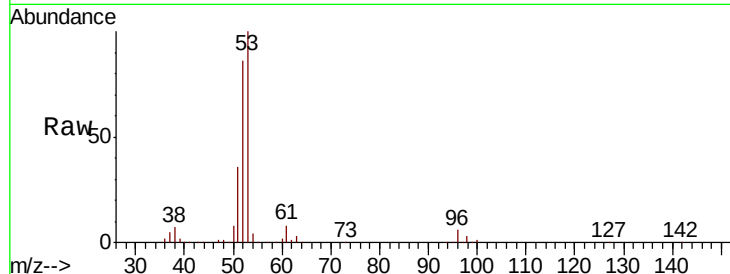
#15
 Acrylonitrile
 Concen: 268.344 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	302613
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.2	99.2
51	35.9	28.2	42.4

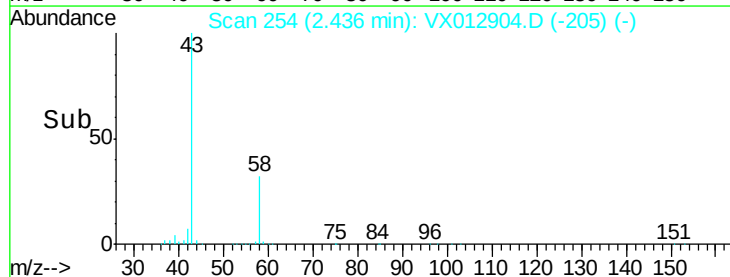
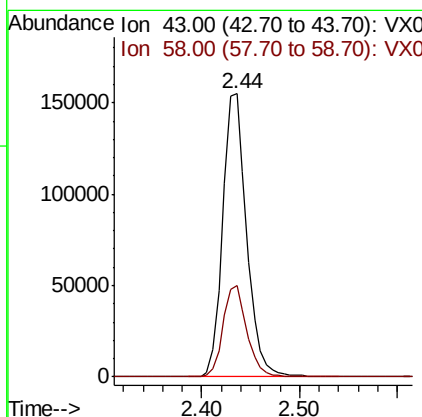
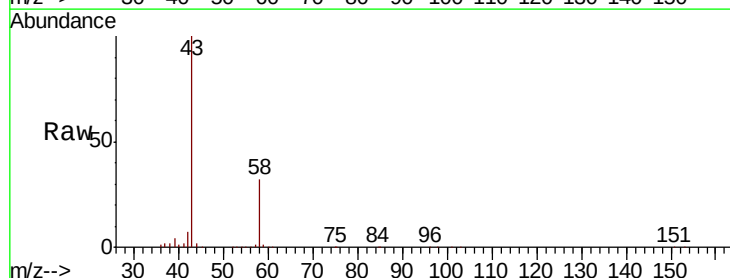
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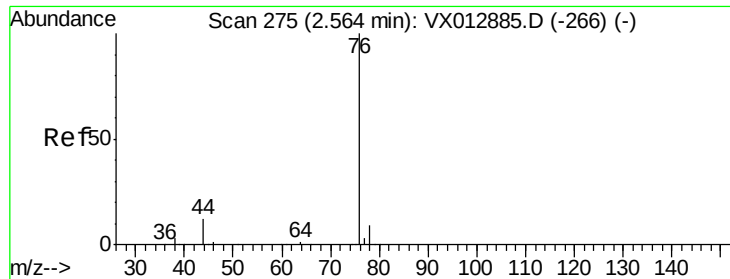
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#16
 Acetone
 Concen: 220.599 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion:	43	Resp:	261018
Ion Ratio	Lower	Upper	
43	100		
58	32.5	25.4	38.2





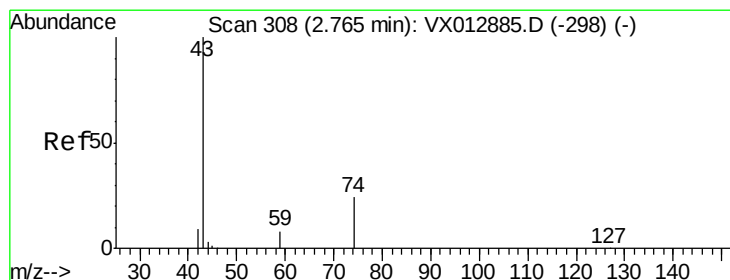
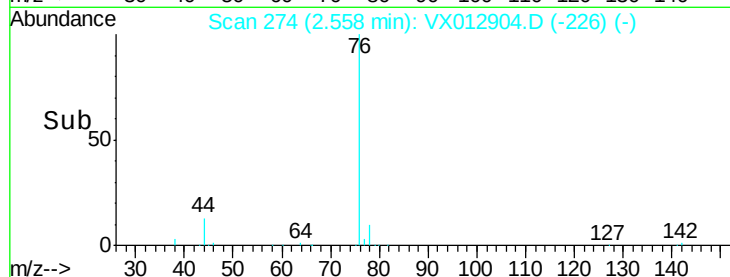
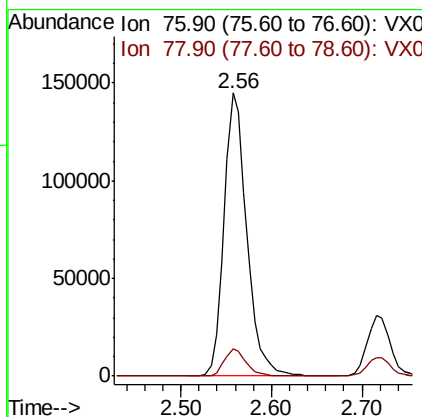
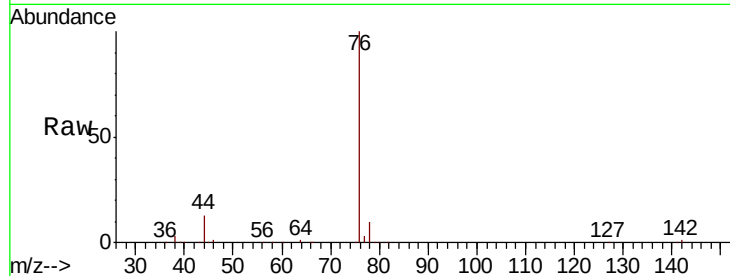
#17
Carbon Disulfide
Concen: 48.909 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7

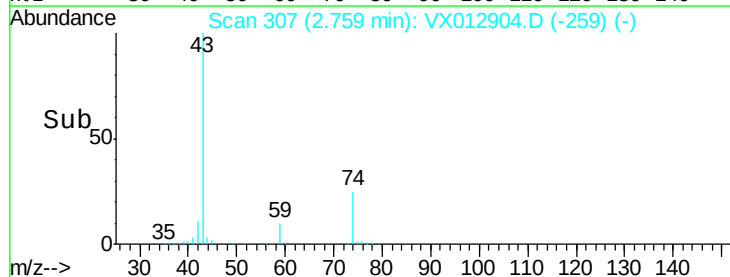
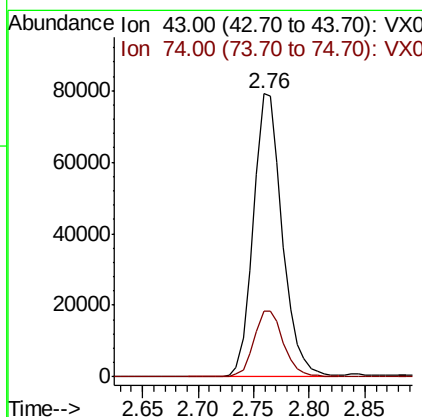
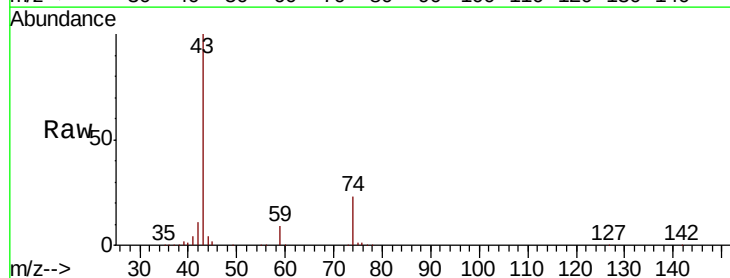
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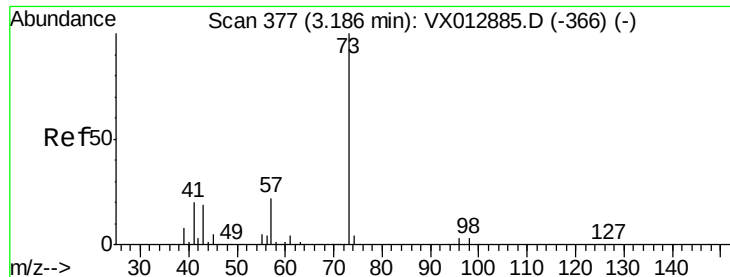
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#18
Methyl Acetate
Concen: 51.298 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.2	28.8





#19

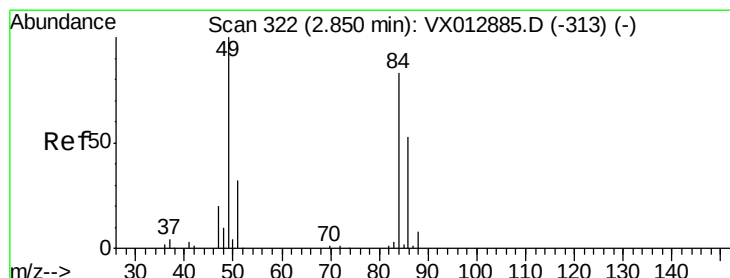
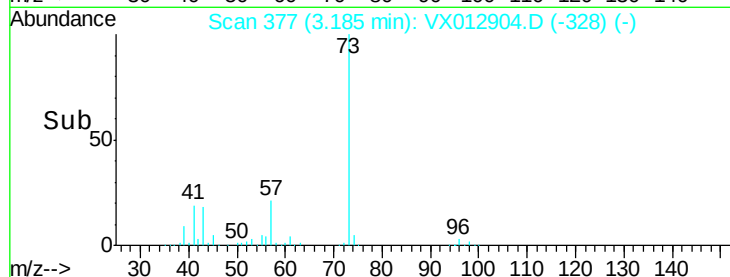
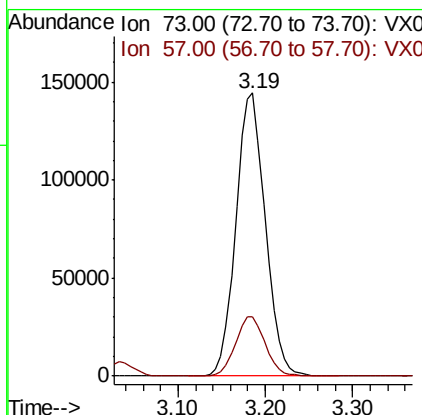
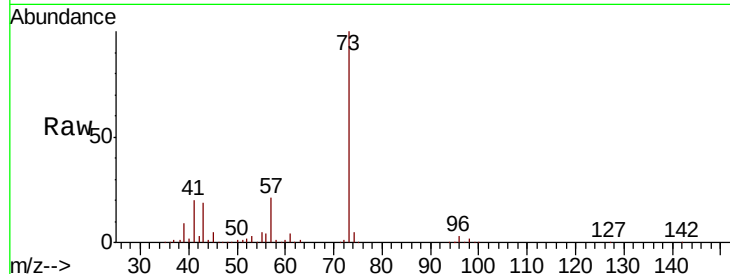
Methyl tert-butyl Ether
 Concen: 53.805 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.8	26.6

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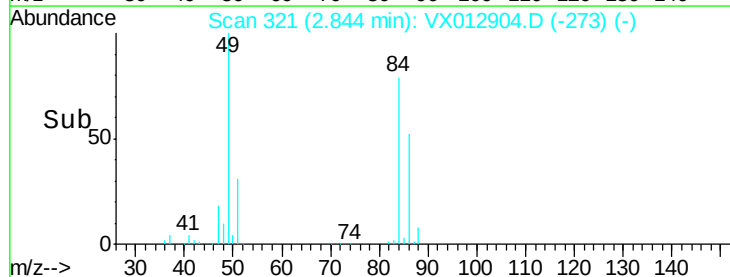
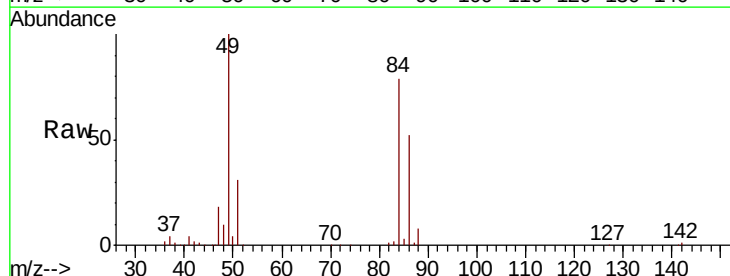
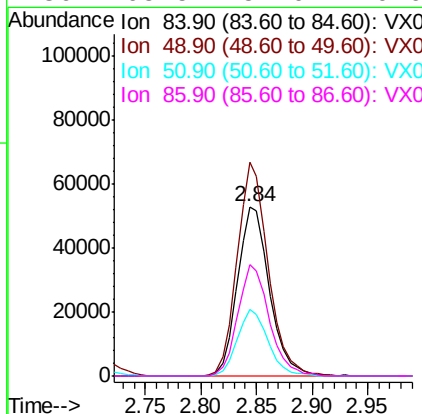
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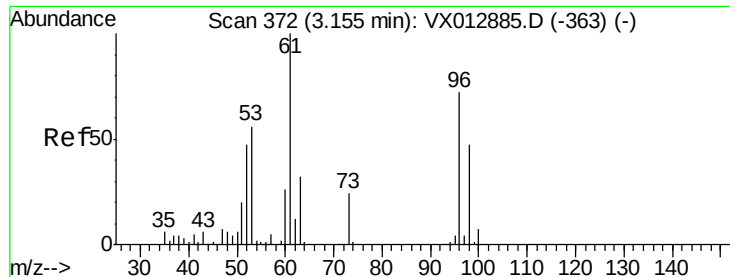


#20

Methylene Chloride
 Concen: 48.558 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	96.6	144.8
51	39.1	30.7	46.1
86	65.5	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 51.489 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

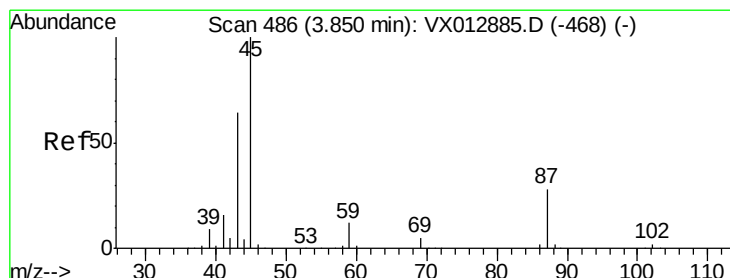
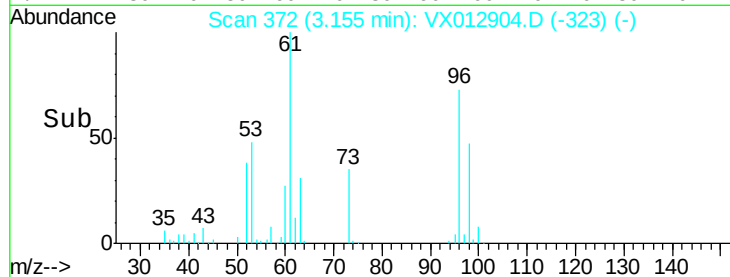
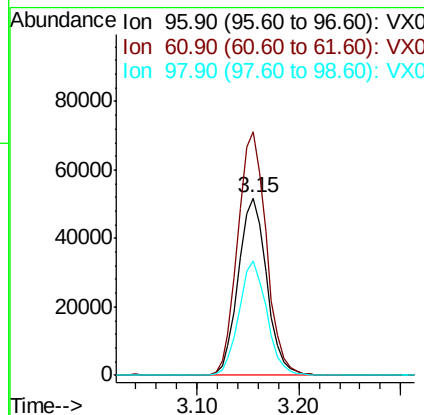
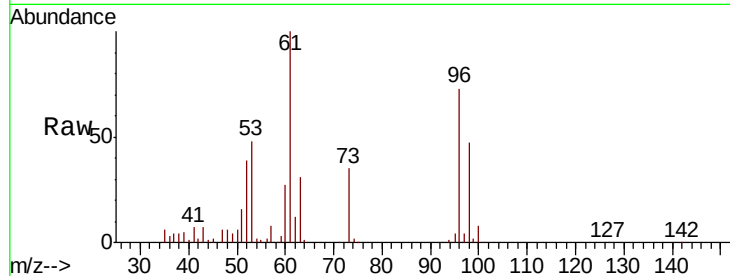
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	100161
Ion	Ratio	Lower	Upper
96	100		
61	137.2	110.4	165.6
98	64.3	51.5	77.3

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#22

Diisopropyl ether

Concen: 53.283 ug/l

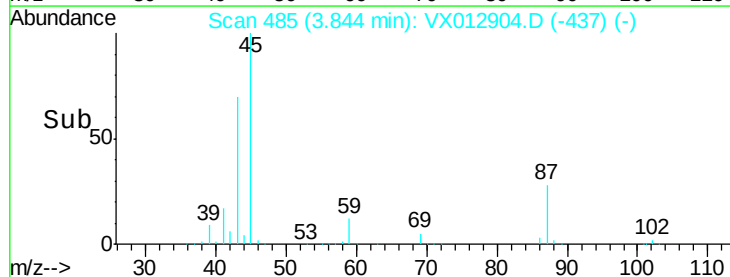
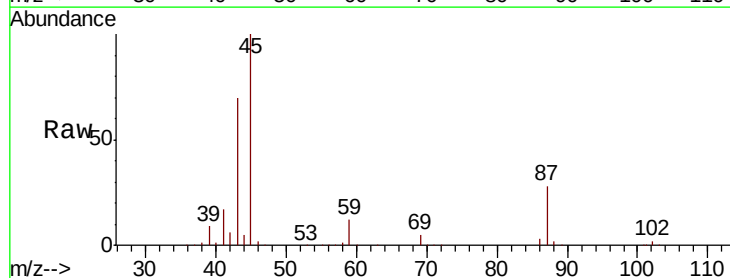
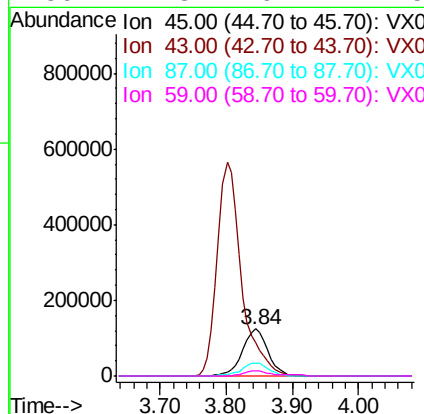
RT: 3.84 min Scan# 485

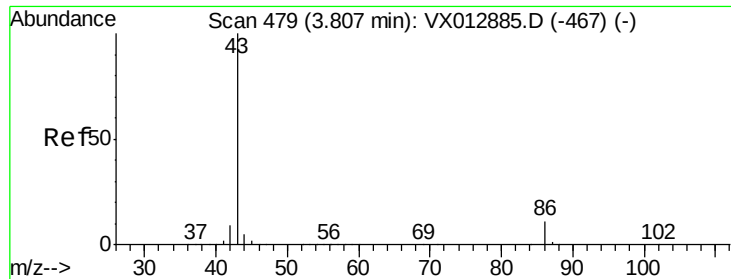
Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion:	45	Resp:	330005
Ion	Ratio	Lower	Upper
45	100		
43	69.9	51.4	77.0
87	27.6	22.5	33.7
59	11.8	9.7	14.5





#23

Vinyl Acetate

Concen: 270.524 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1446399

Ion Ratio Lower Upper

43 100

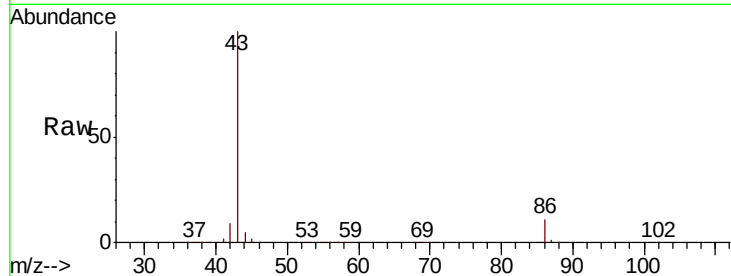
86 10.8 9.0 13.6

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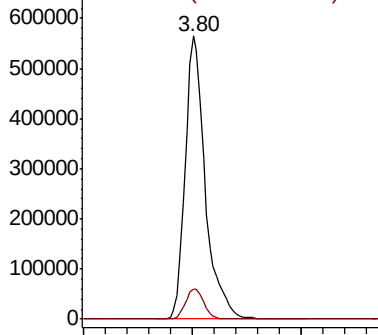
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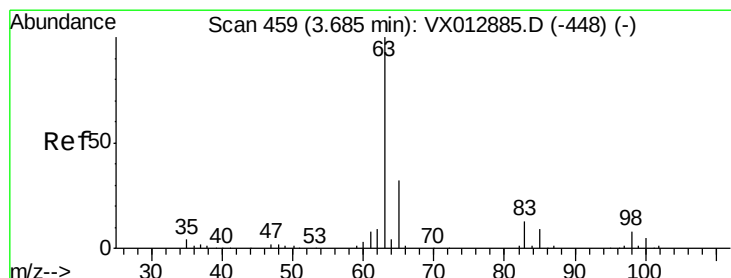
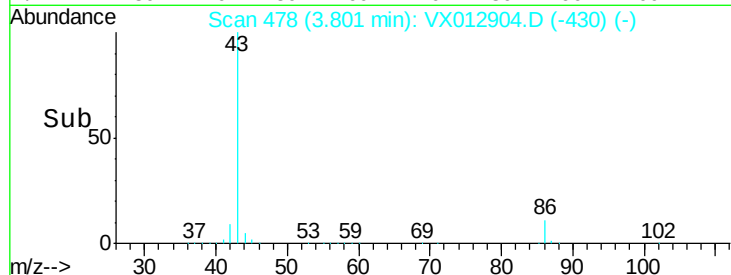


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 52.834 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

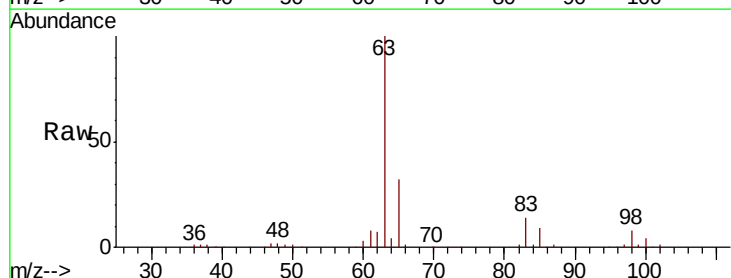
Tgt Ion: 63 Resp: 184088

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

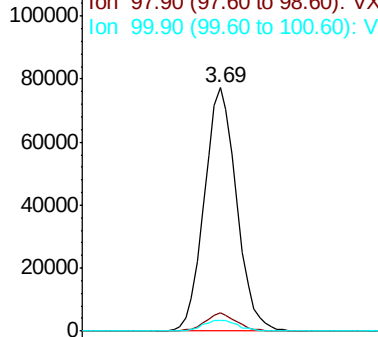
100 4.4 2.3 6.9



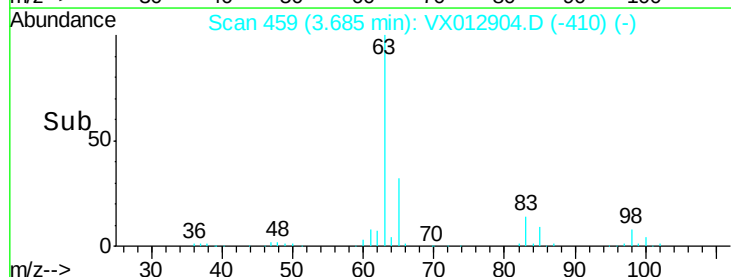
Abundance Ion 62.90 (62.60 to 63.60): VX0

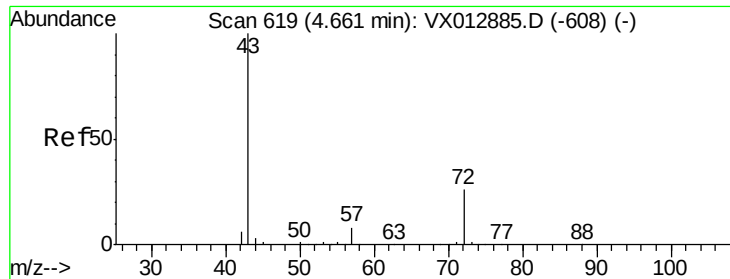
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 259.349 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 425737

Ion Ratio Lower Upper

43 100

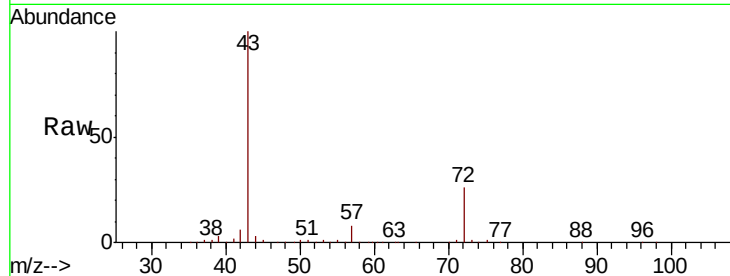
72 25.8 21.0 31.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

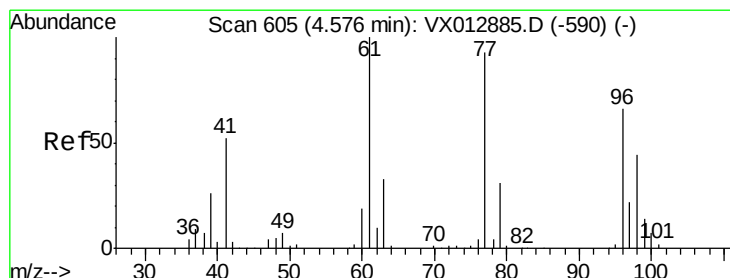
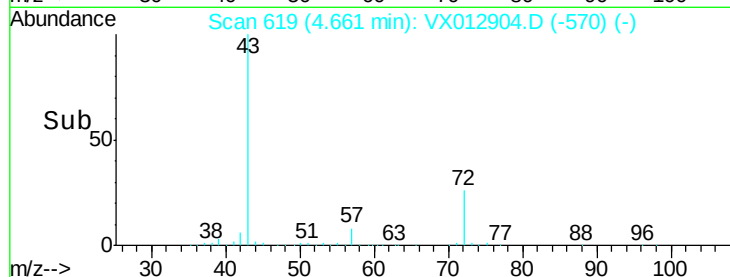
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.949 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012904.D

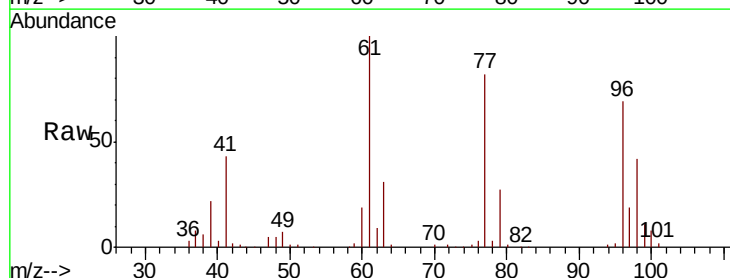
Acq: 08 Oct 2019 21:19

Tgt Ion: 77 Resp: 140491

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

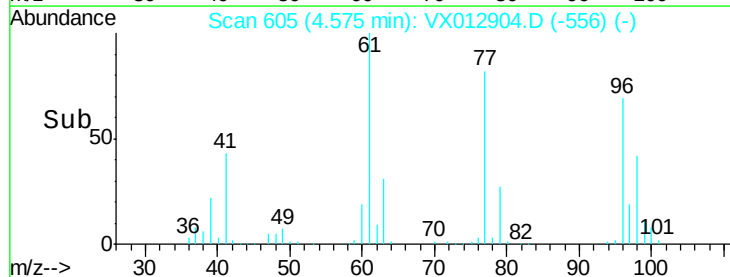
20000

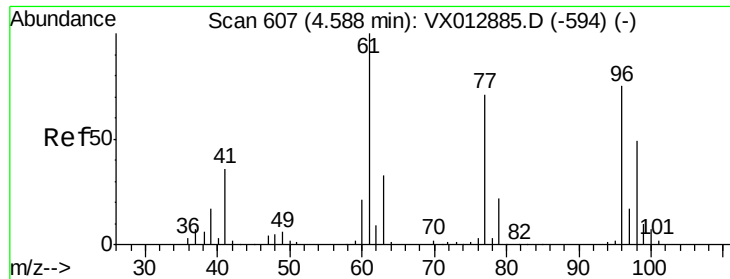
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

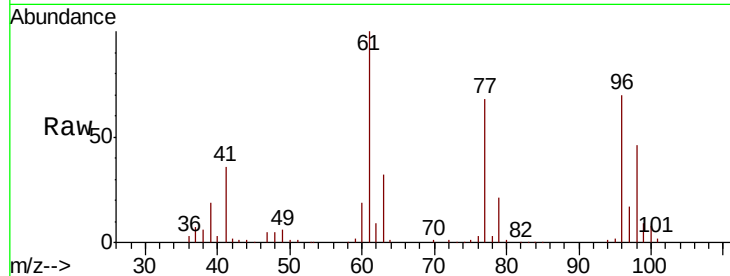
cis-1,2-Dichloroethene
Concen: 50.898 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	114130		
61	145.3	0.0	290.6	
98	65.2	0.0	128.8	

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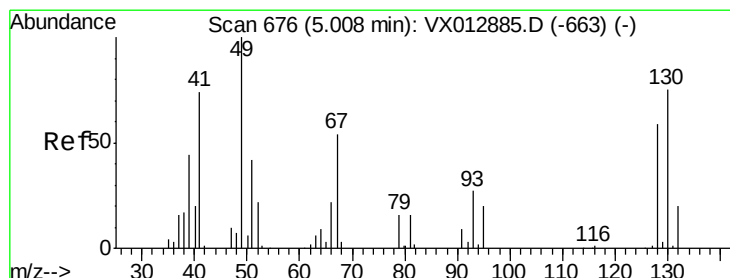
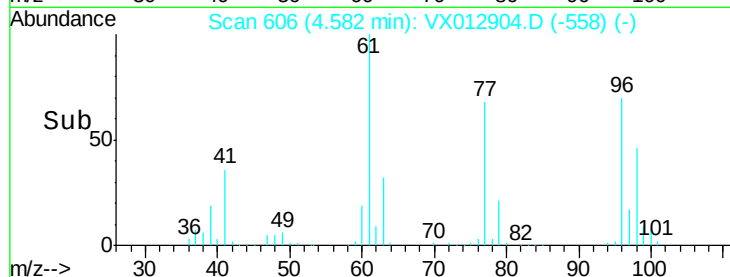
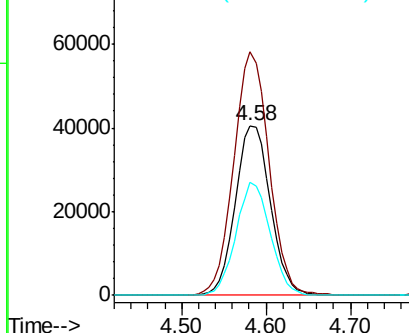


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

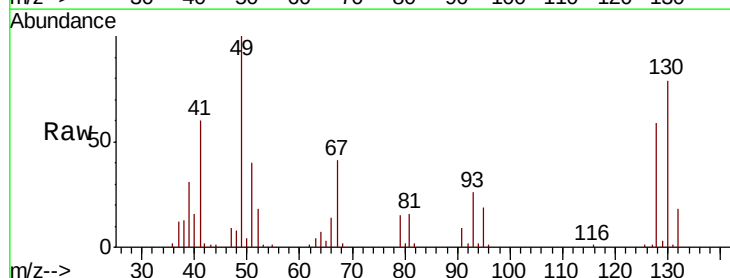
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 53.811 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55997		
129	2.4	0.0	4.2	
130	78.2	62.1	93.1	

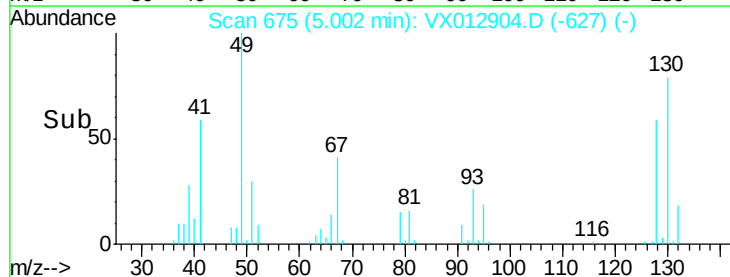
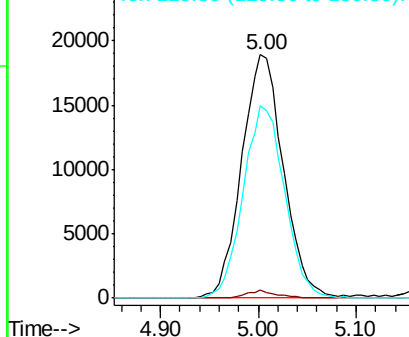


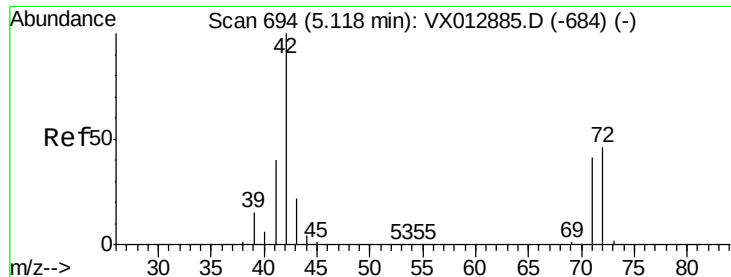
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





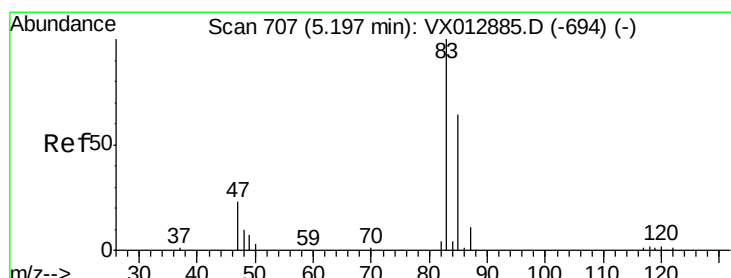
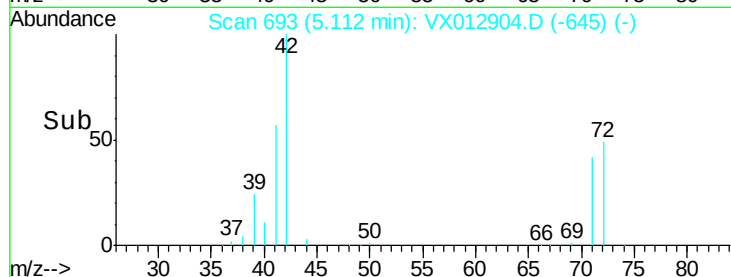
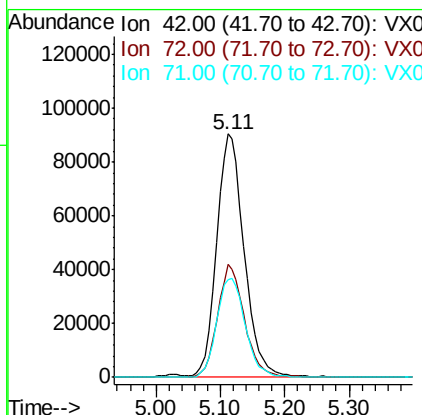
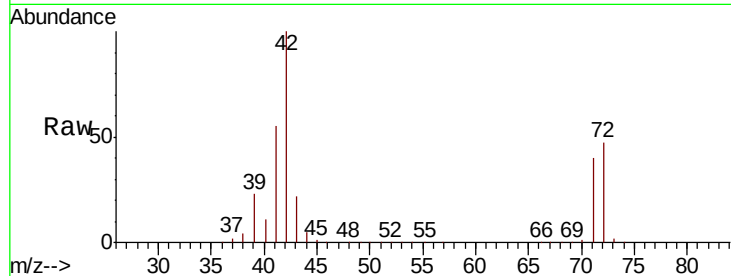
#29
Tetrahydrofuran
Concen: 267.888 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.9	55.3
71	42.4	33.5	50.3

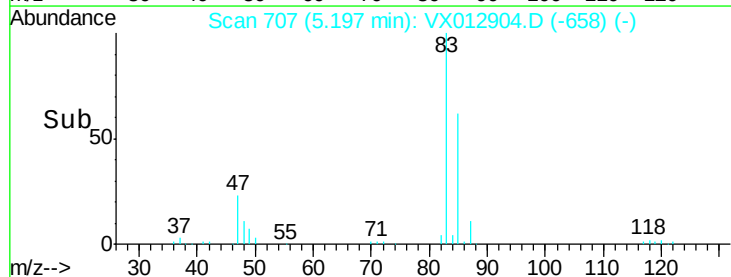
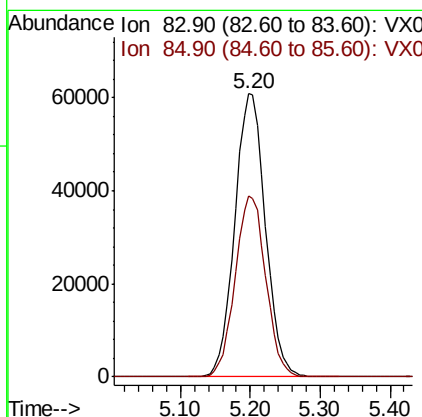
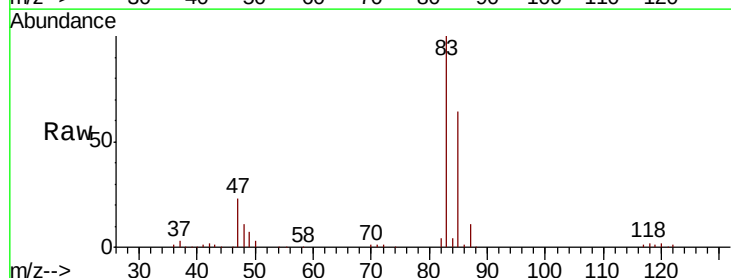
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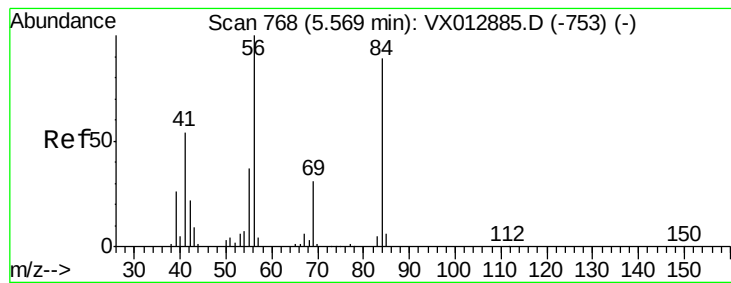
MMDadoda
10/9/2019 10:39:05 AM



#30
Chloroform
Concen: 51.657 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.5	77.3





#31

Cyclohexane

Concen: 52.232 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

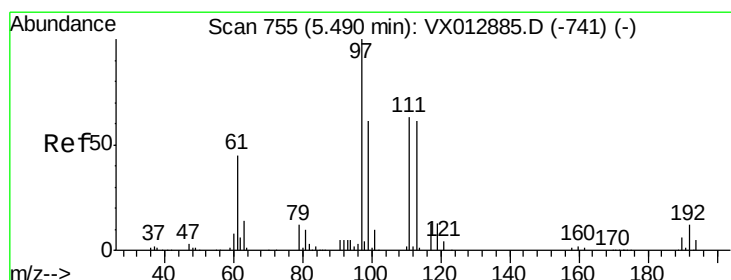
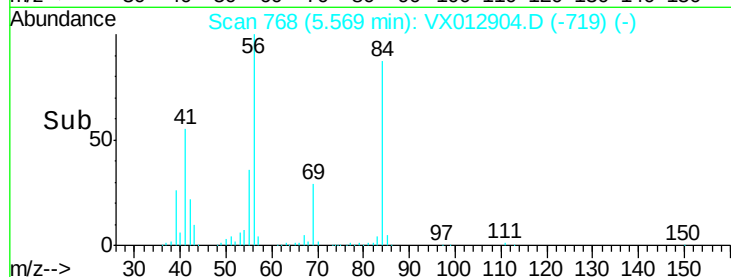
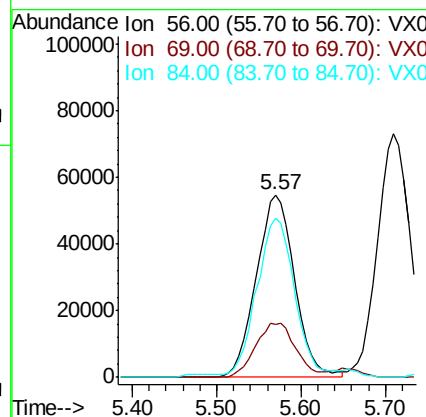
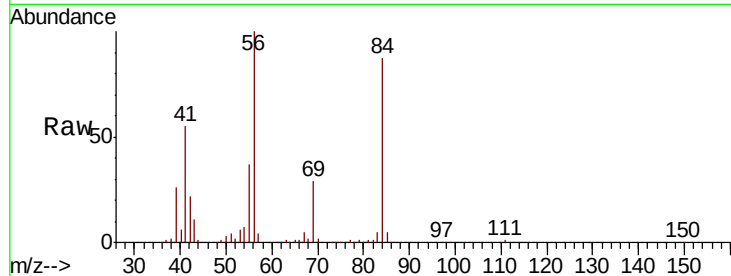
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	170175
Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.2	37.8
84	85.8	71.3	106.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.264 ug/l

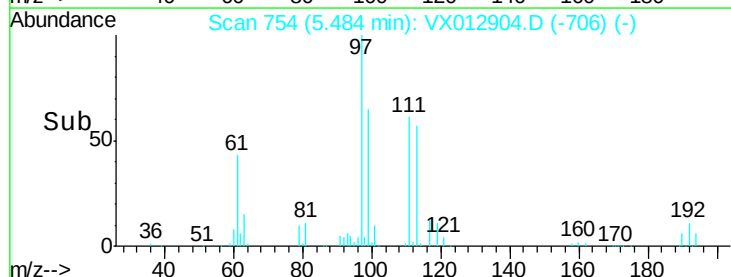
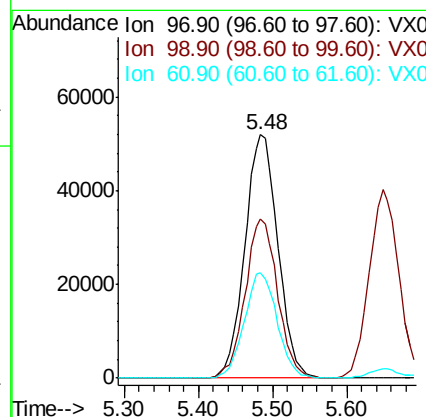
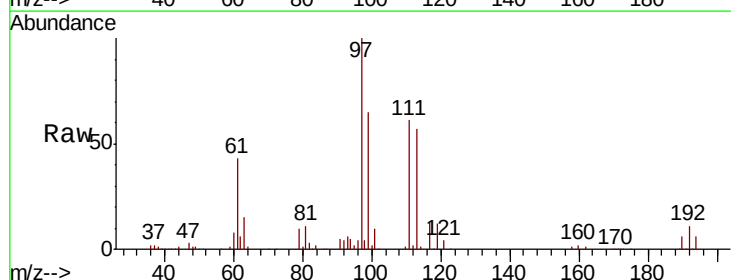
RT: 5.48 min Scan# 754

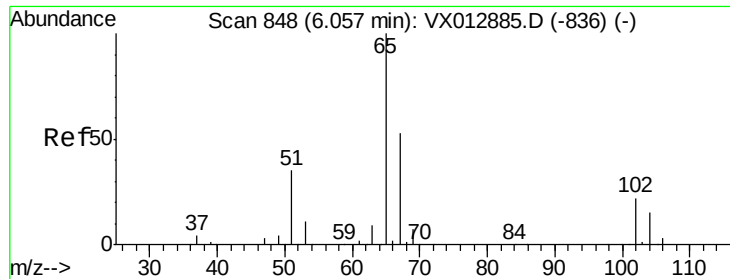
Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion:	97	Resp:	161352
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	43.0	35.0	52.4





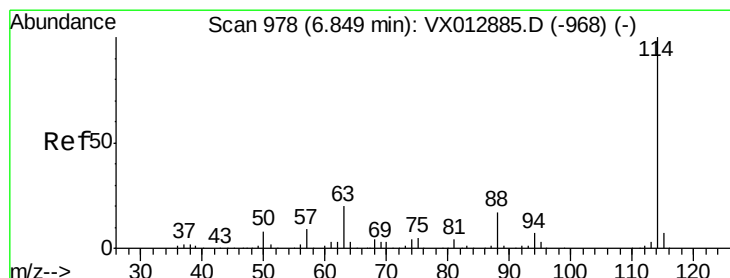
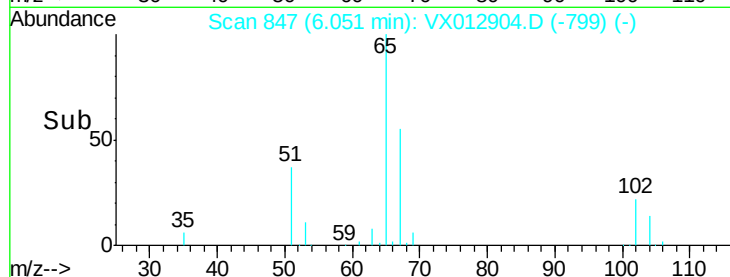
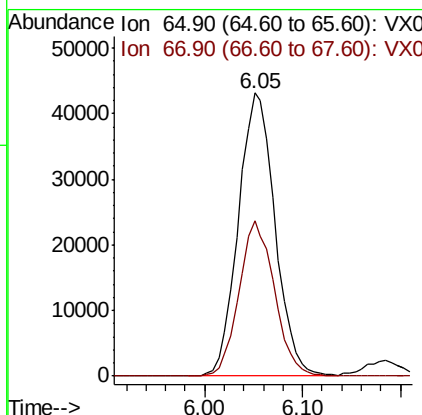
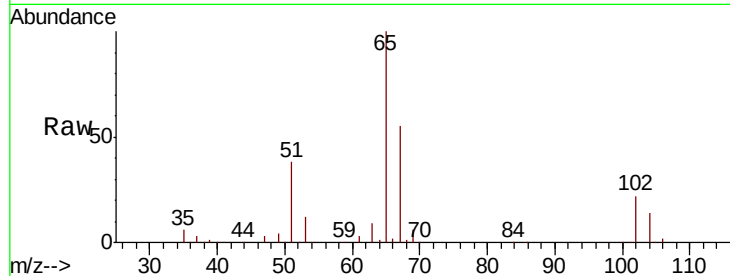
#33
 1,2-Dichloroethane-d4
 Concen: 50.046 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112343		
67	53.2	0.0	104.4	

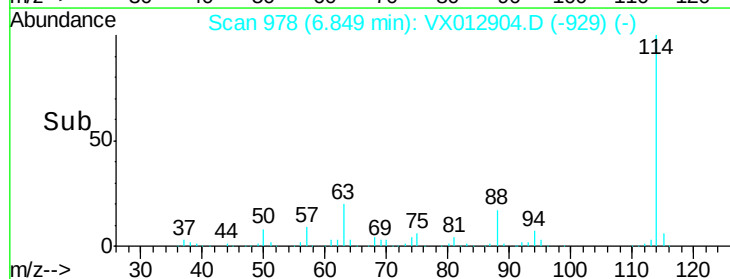
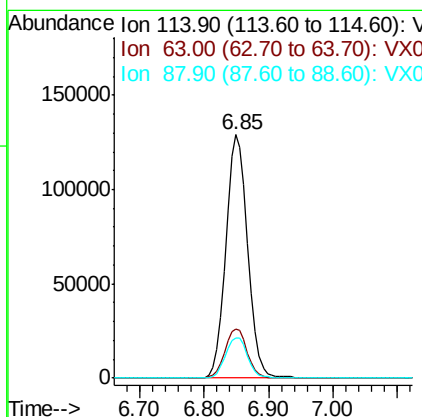
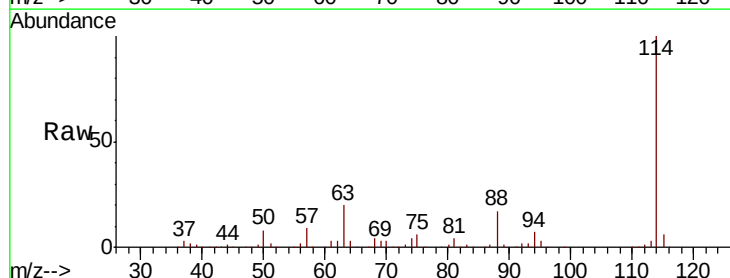
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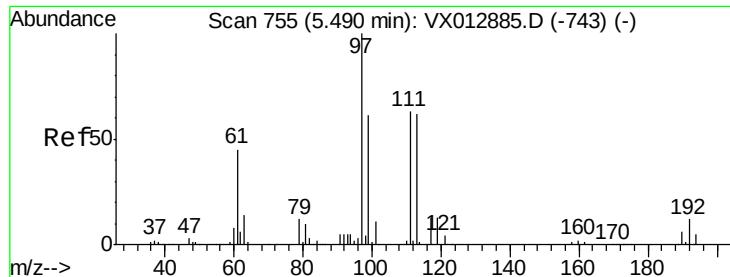
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	308351		
63	20.3	0.0	40.8	
88	16.6	0.0	33.8	





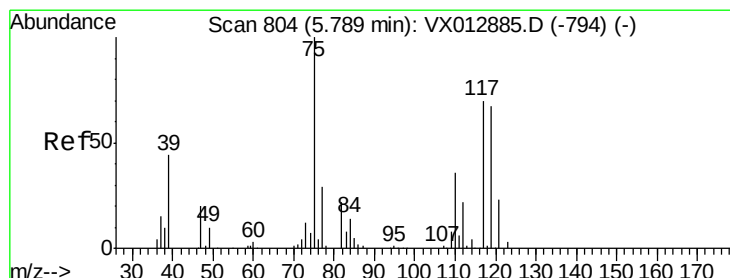
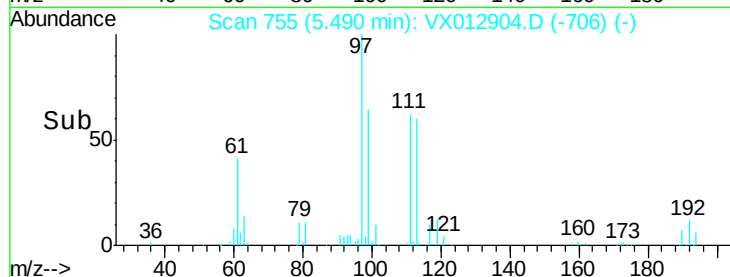
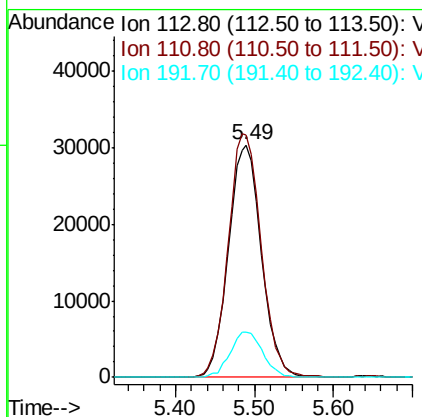
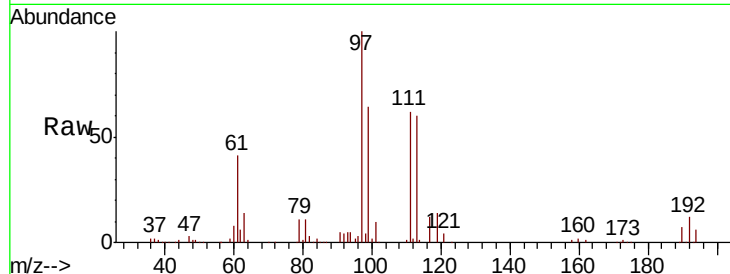
#35
 Dibromofluoromethane
 Concen: 49.694 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.2	124.8
192	19.5	15.4	23.2

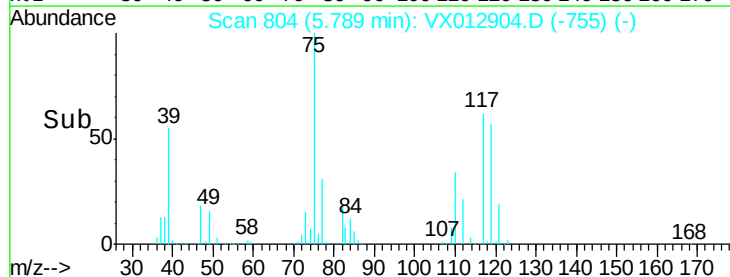
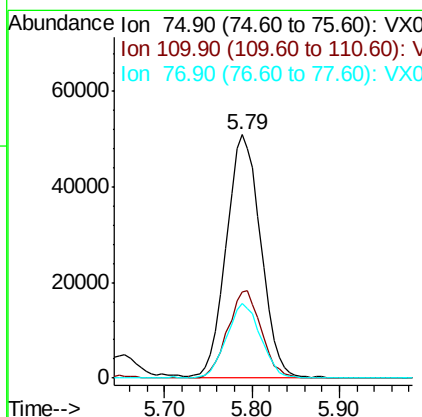
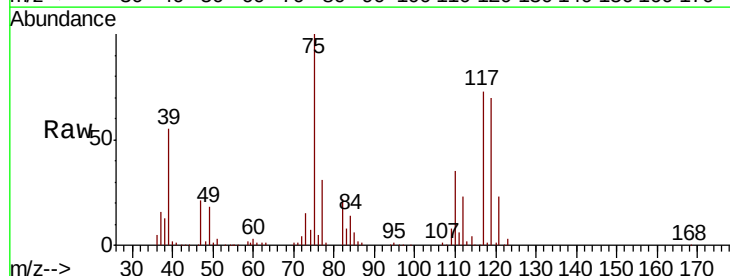
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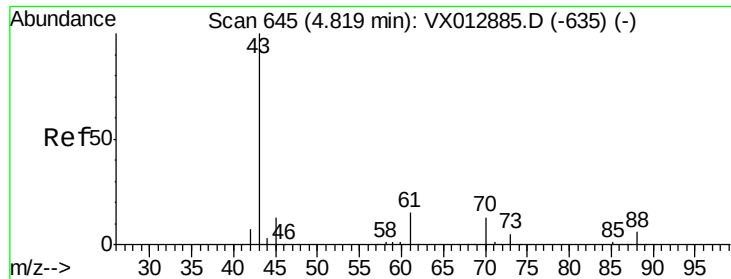
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#36
 1,1-Dichloropropene
 Concen: 51.661 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.6	52.9
77	30.3	24.4	36.6





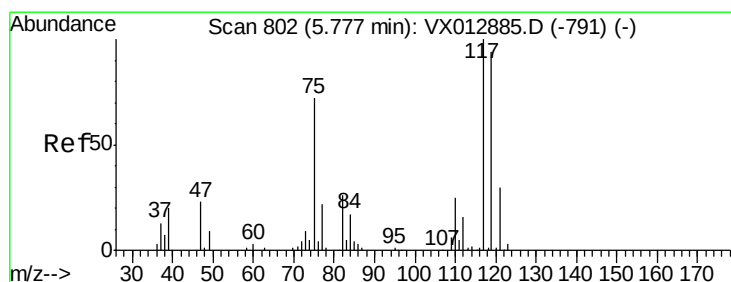
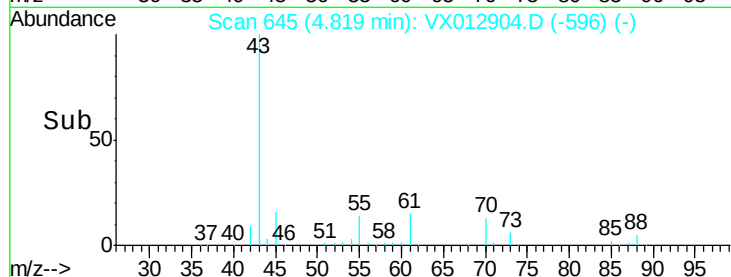
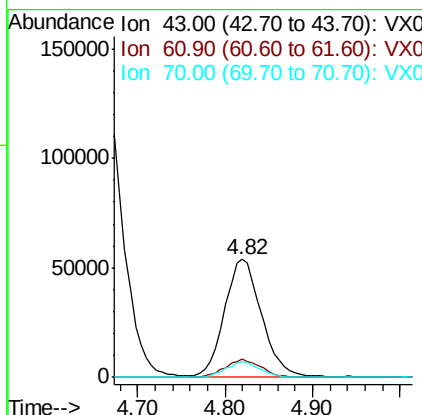
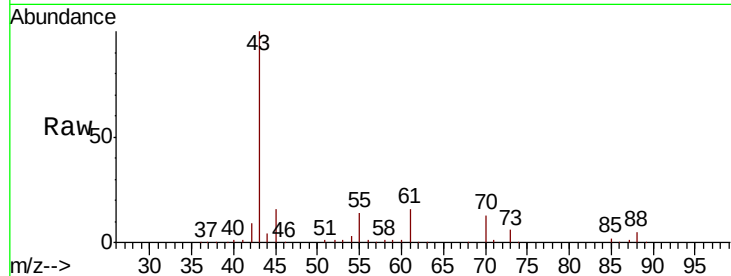
#37
Ethyl Acetate
Concen: 51.674 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.4	17.0
70	12.3	9.8	14.6

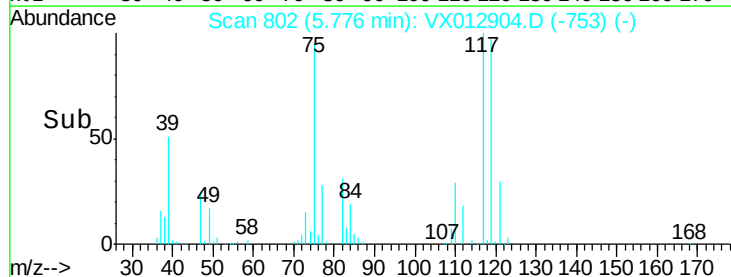
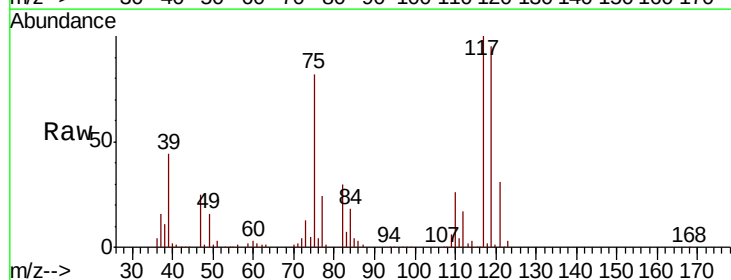
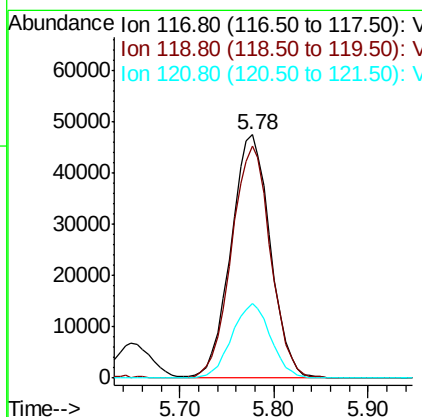
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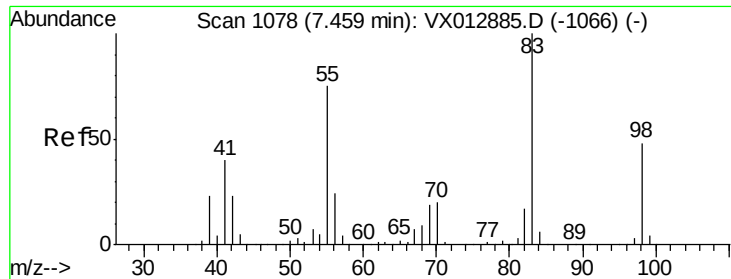
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.102 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.5	111.7
121	30.9	24.2	36.4





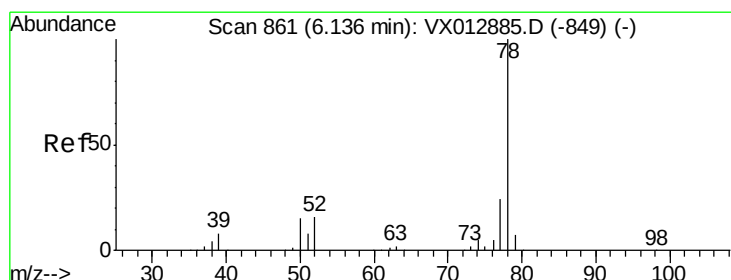
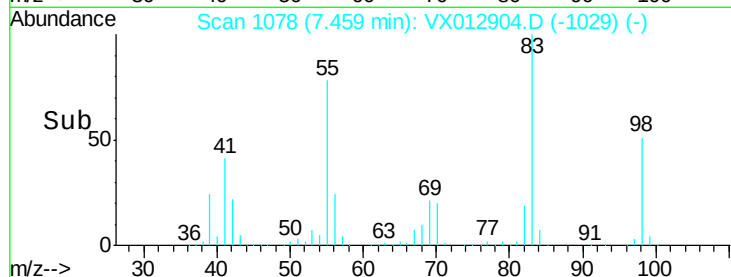
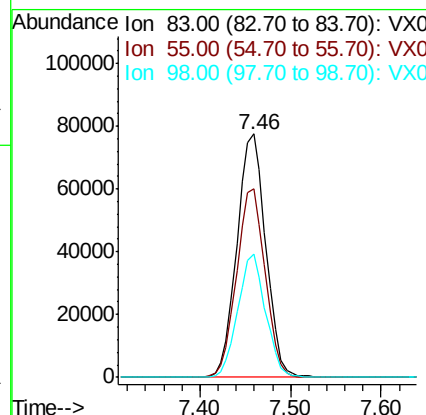
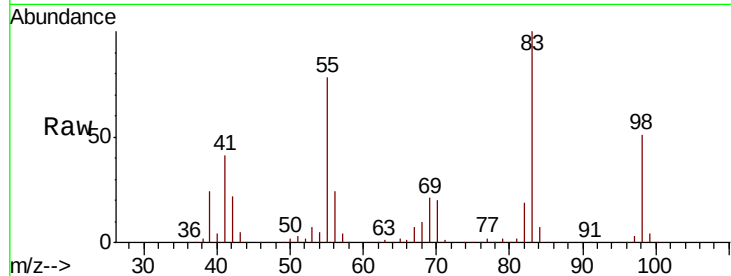
#39
Methylvlcyclohexane
Concen: 51.945 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	60.2	90.4
98	50.8	38.5	57.7

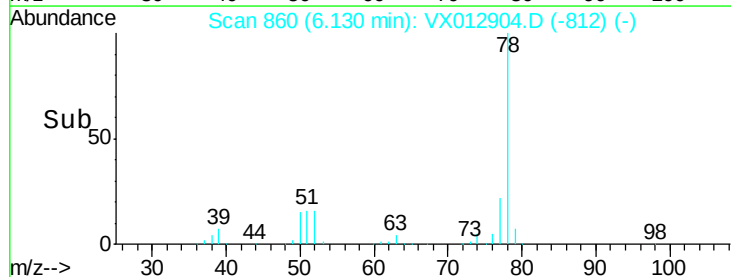
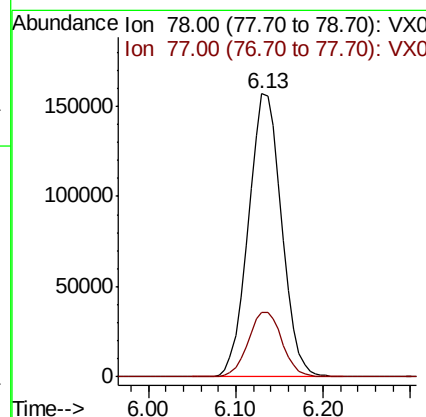
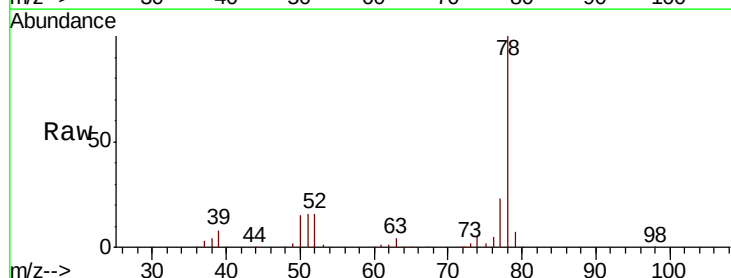
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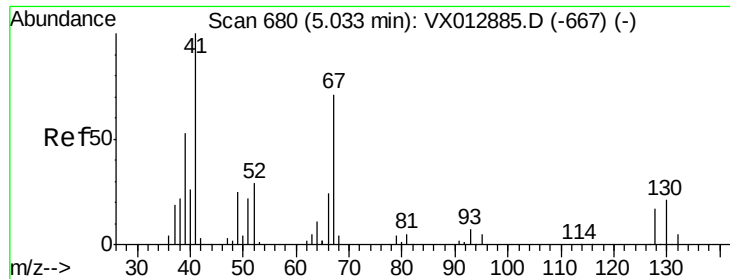
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#40
Benzene
Concen: 51.729 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4





#41

Methacrylonitrile

Concen: 52.098 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

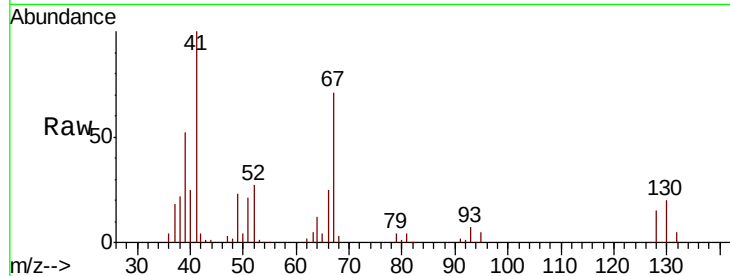
ClientSampleId :

VSTDCCC050

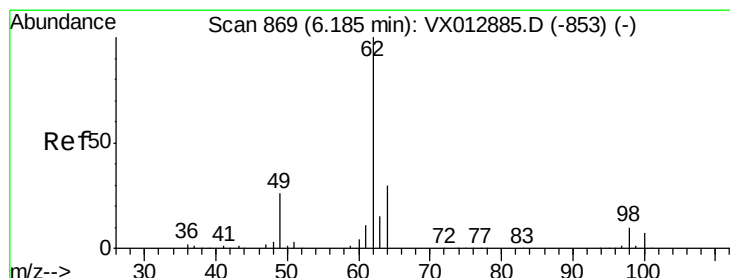
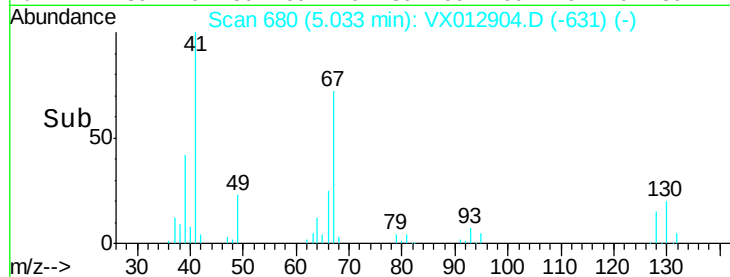
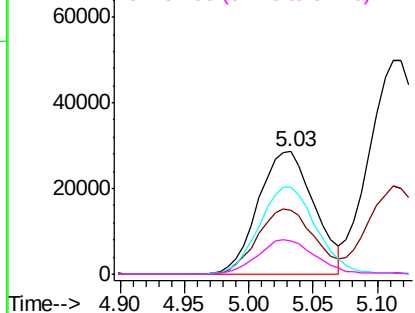
Tot Ion:	41	Resp:	86783
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.0	66.0
67	72.8	58.5	87.7
52	29.5	23.8	35.8

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.032 ug/l

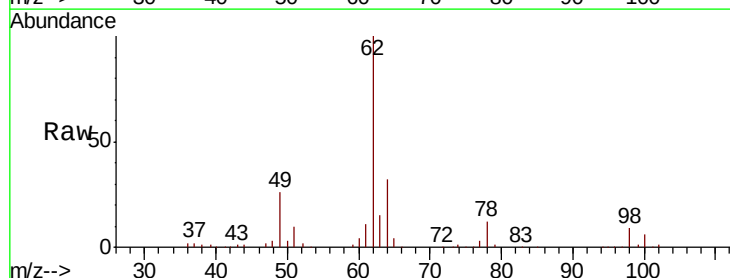
RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

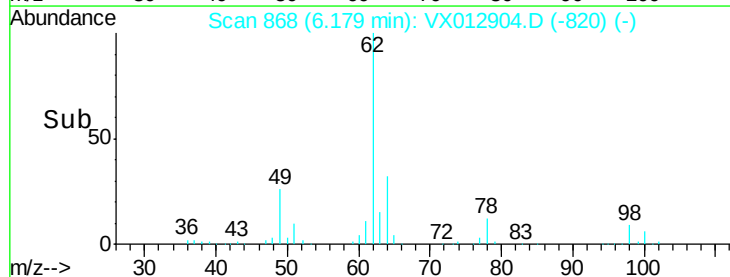
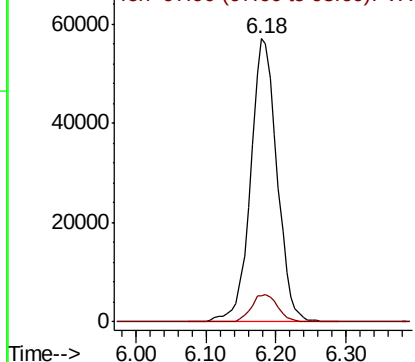
Lab File: VX012904.D

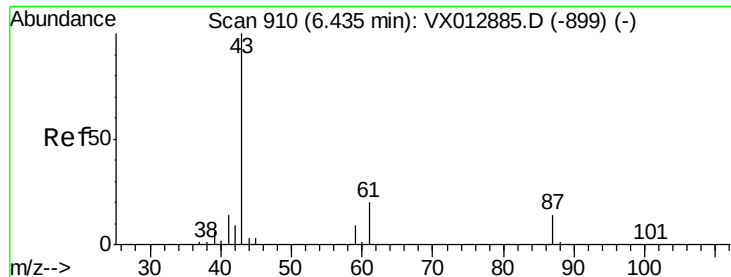
Acq: 08 Oct 2019 21:19

Tgt Ion:	62	Resp:	149497
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





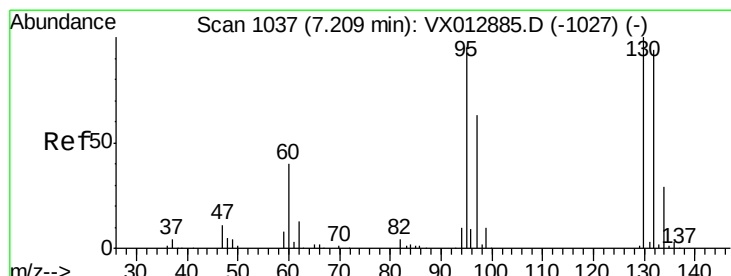
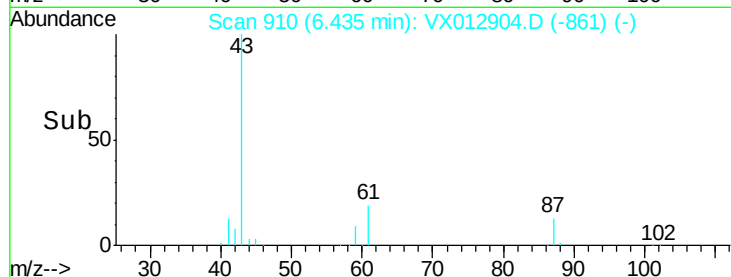
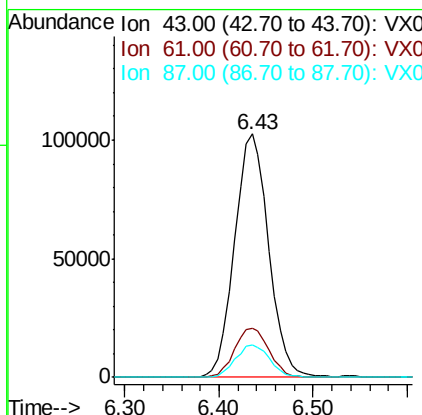
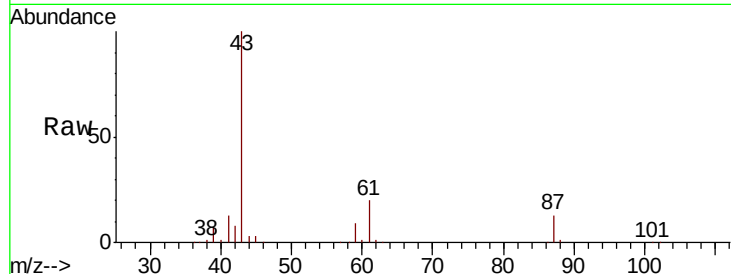
#43
Isopropyl Acetate
Concen: 52.880 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.7	11.0	16.6

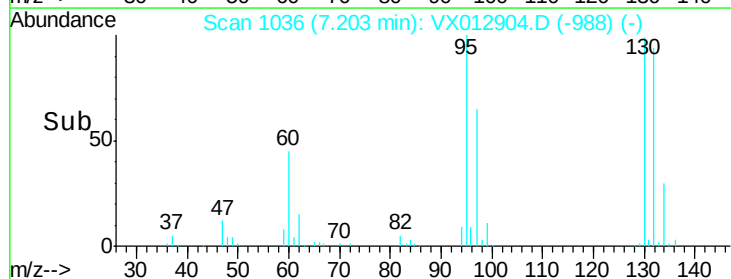
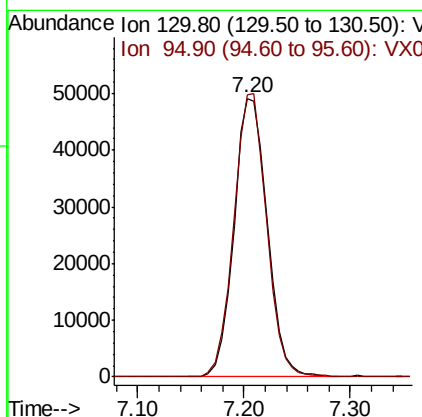
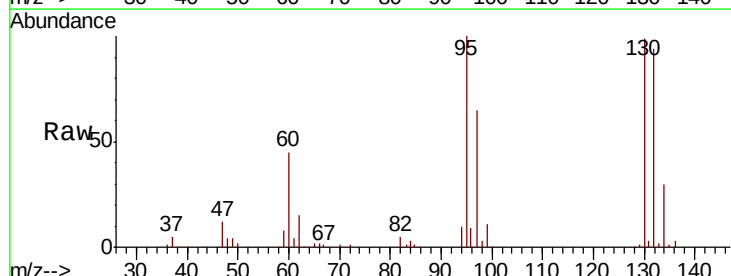
Manual Integrations
APPROVED

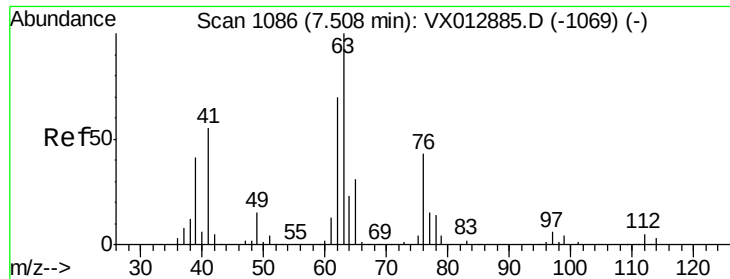
MMDadoda
10/9/2019 10:39:05 AM



#44
Trichloroethene
Concen: 48.496 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	189.2





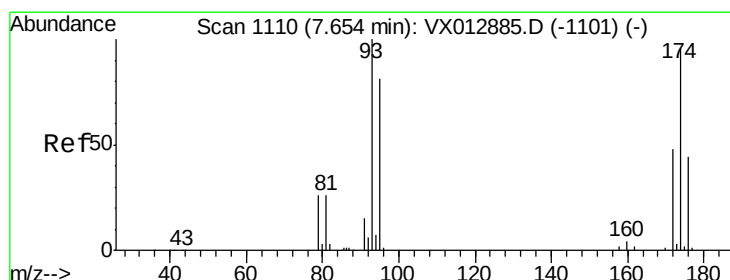
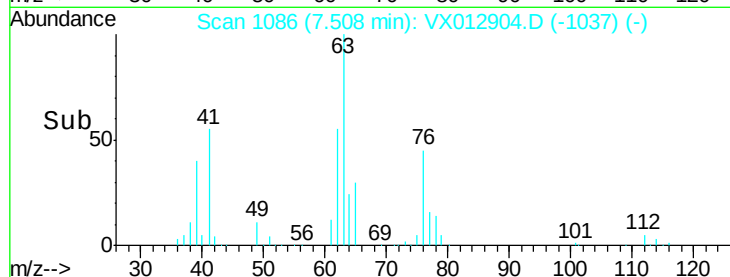
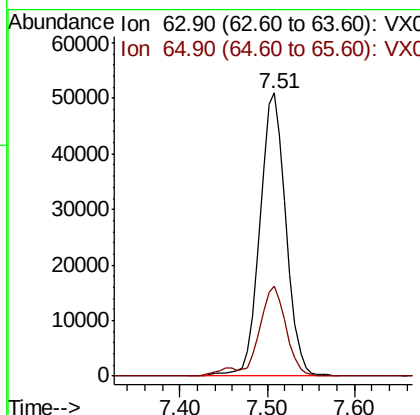
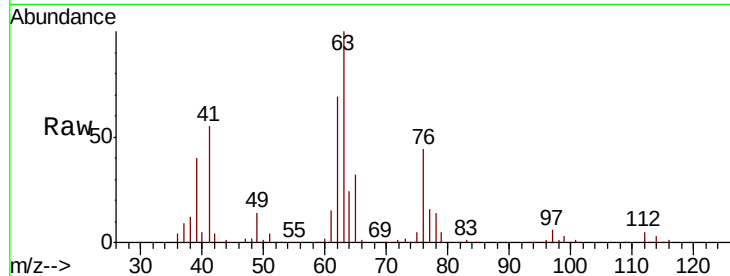
#45
 1,2-Dichloropropane
 Concen: 52.003 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 106124
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0

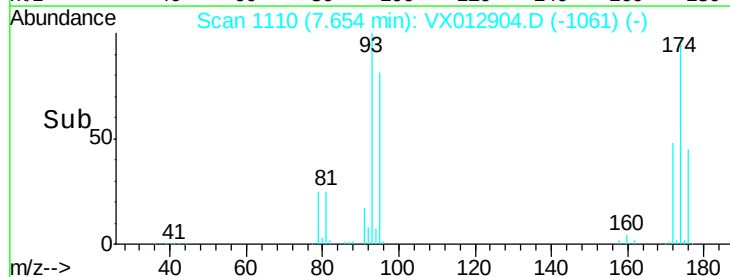
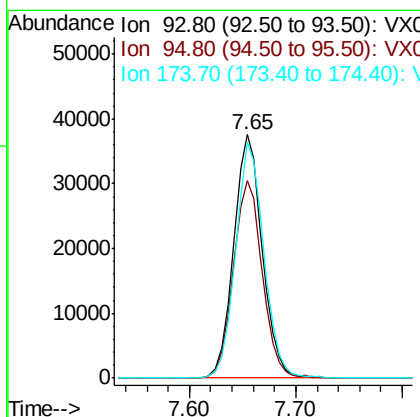
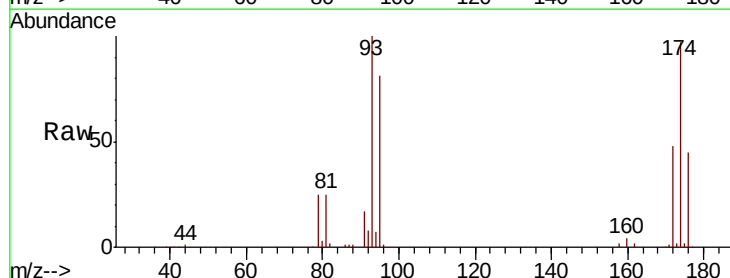
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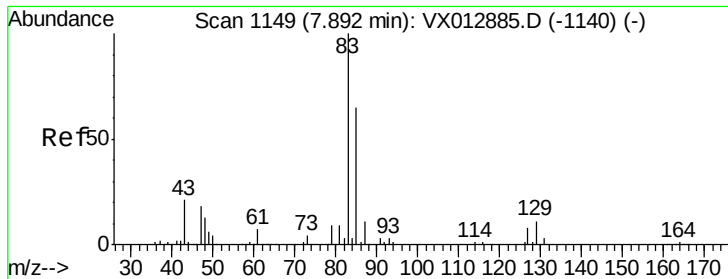
MMDadoda
 10/9/2019 10:39:05 AM



#46
 Dibromomethane
 Concen: 52.042 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 93 Resp: 70759
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.3 99.5
 174 95.7 77.8 116.6





#47

Bromodichloromethane

Concen: 52.995 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

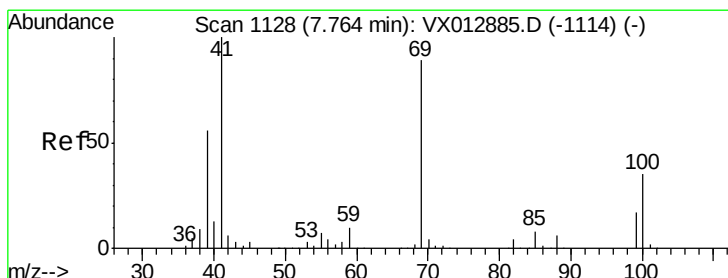
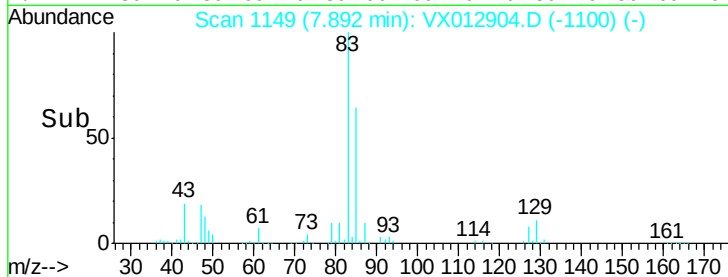
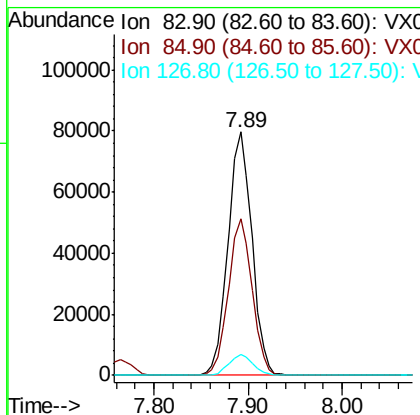
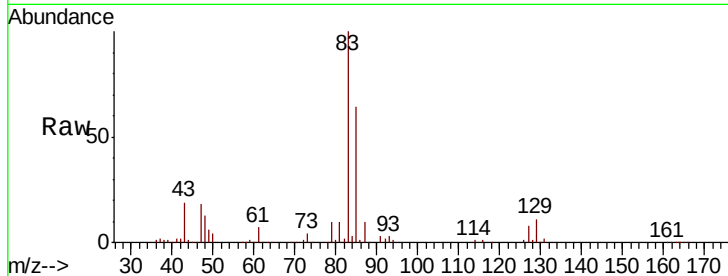
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	140616
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.4	78.6
127	8.5	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:39:05 AM



#48

Methyl methacrylate

Concen: 52.960 ug/l

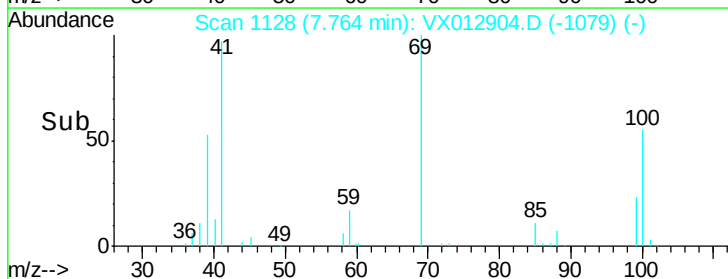
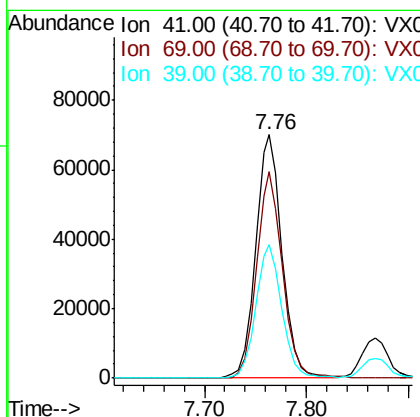
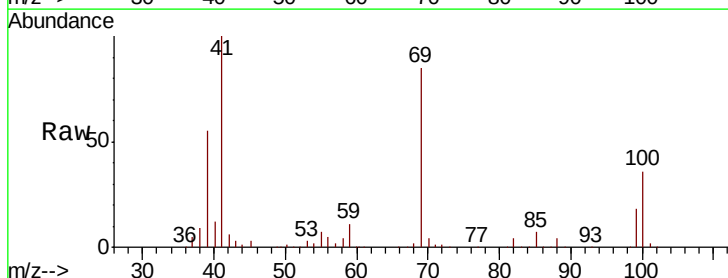
RT: 7.76 min Scan# 1128

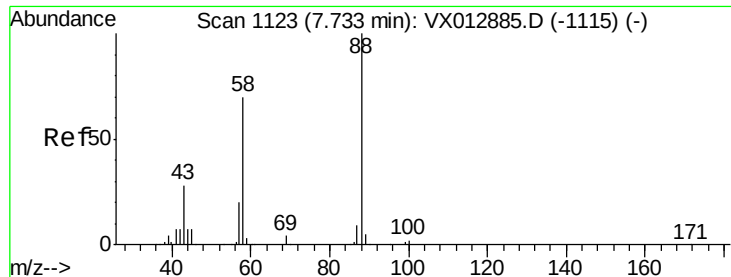
Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion:	41	Resp:	125572
Ion	Ratio	Lower	Upper
41	100		
69	83.9	68.7	103.1
39	54.6	44.3	66.5





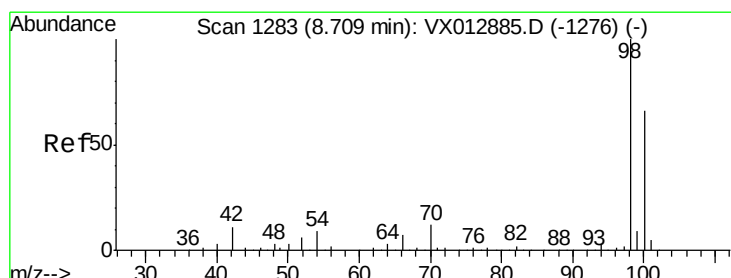
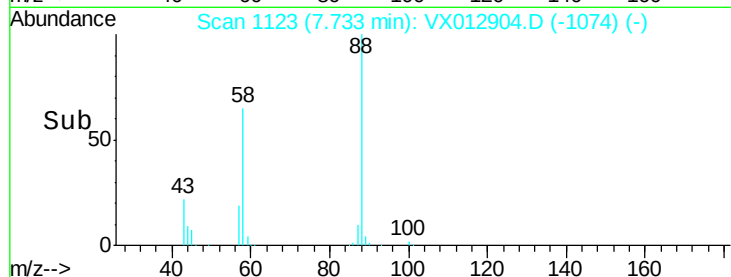
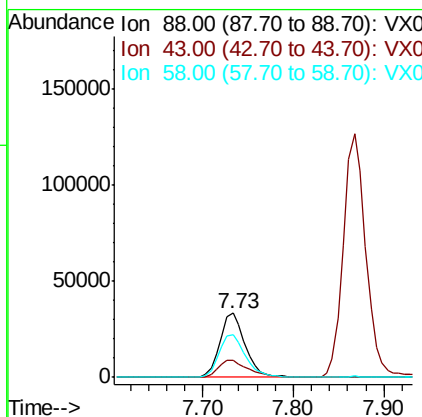
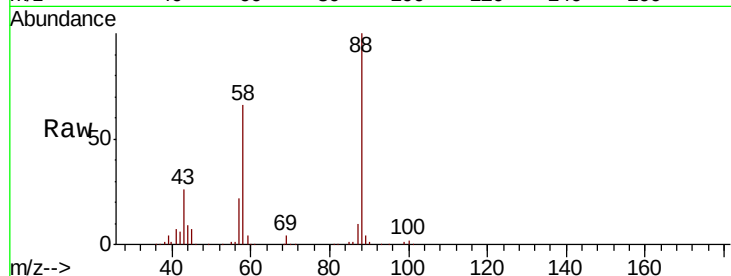
#49
1,4-Dioxane
Concen: 1020.098 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	64954
Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.0	37.6
58	70.2	55.4	83.2

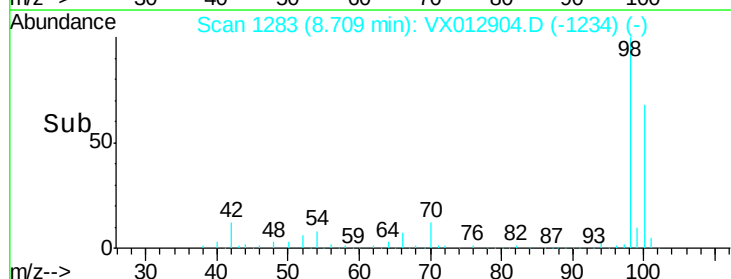
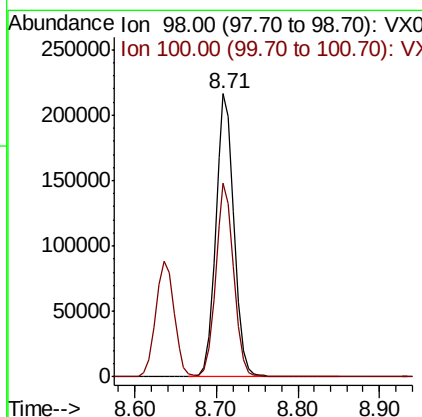
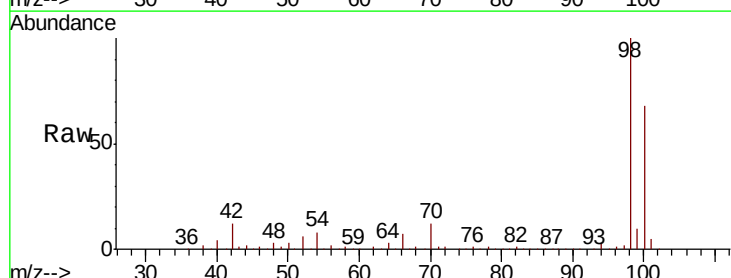
Manual Integrations
APPROVED

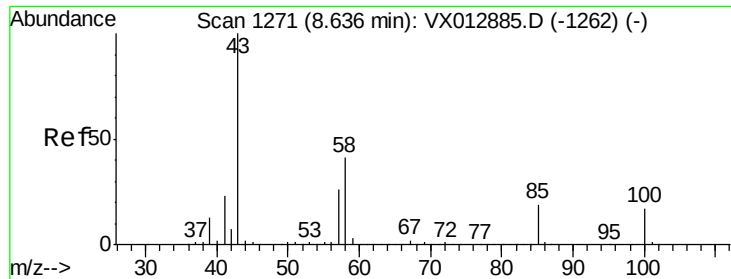
MMDadoda
10/9/2019 10:39:05 AM



#50
Toluene-d8
Concen: 49.307 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	98	Resp	340341
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





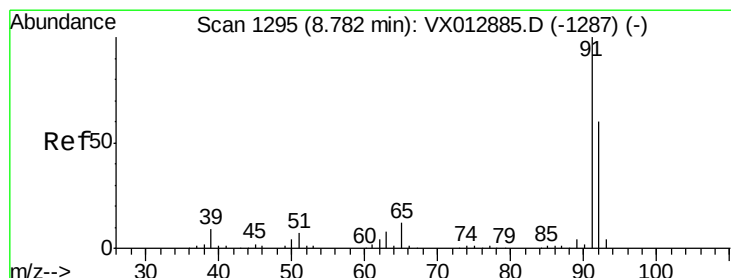
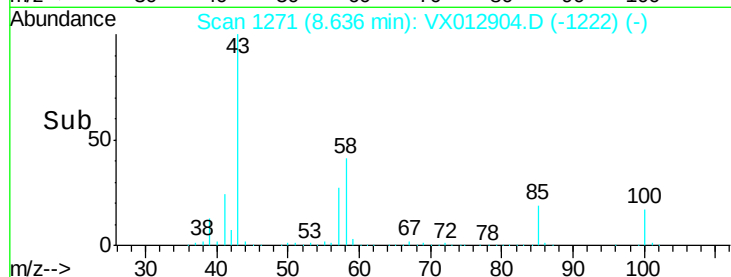
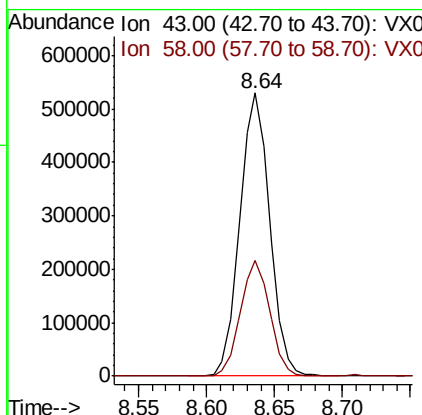
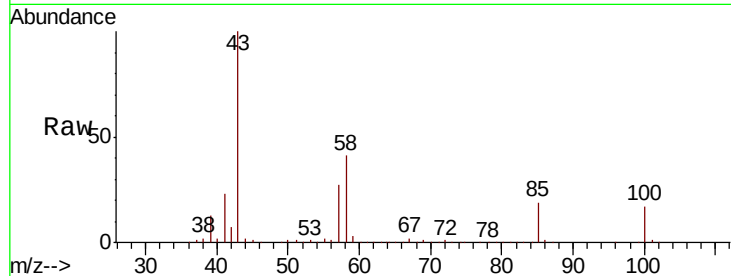
#51
4-Methyl-2-Pentanone
Concen: 267.444 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 811314
Ion Ratio Lower Upper
43 100
58 40.5 32.4 48.6

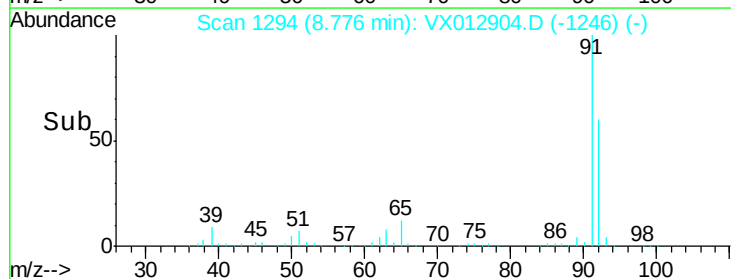
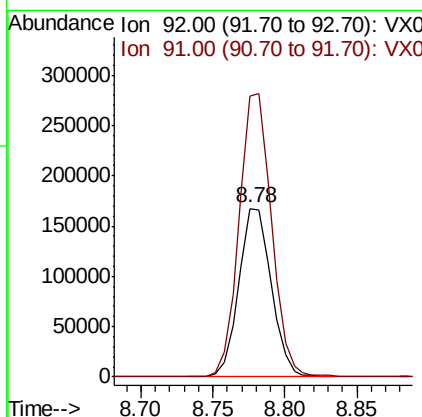
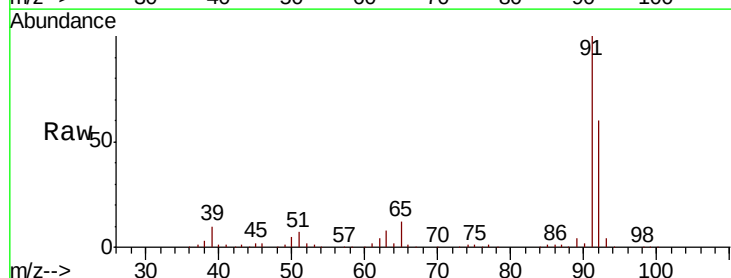
Manual Integrations
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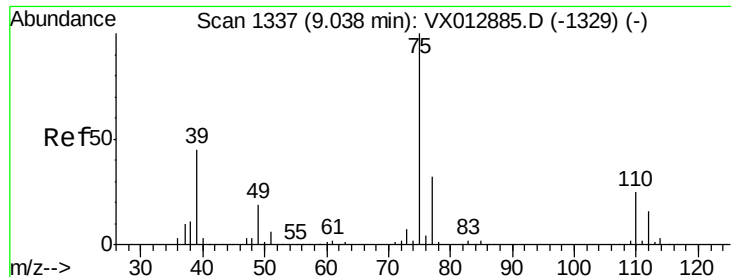
MMDadoda
10/9/2019 10:39:05 AM



#52
Toluene
Concen: 51.306 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 92 Resp: 262818
Ion Ratio Lower Upper
92 100
91 168.5 135.9 203.9





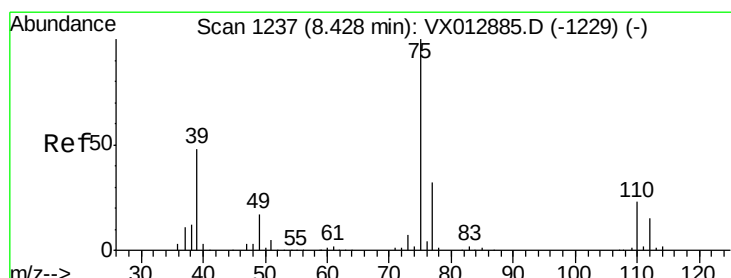
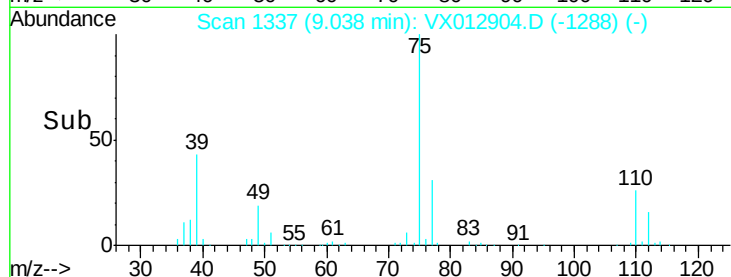
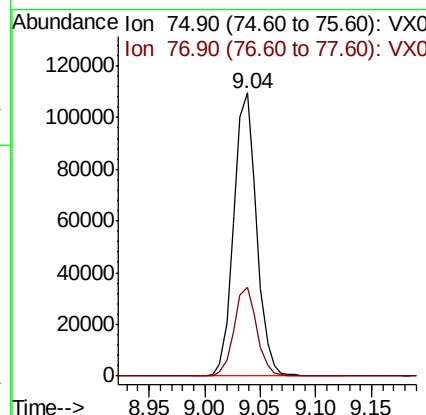
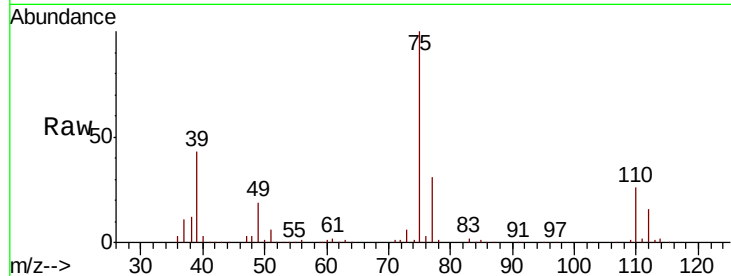
#53
t-1,3-Dichloropropene
Concen: 47.110 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6

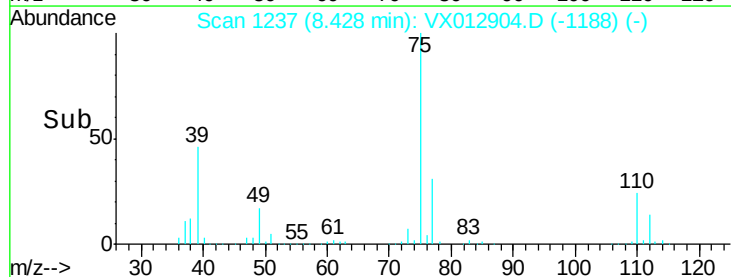
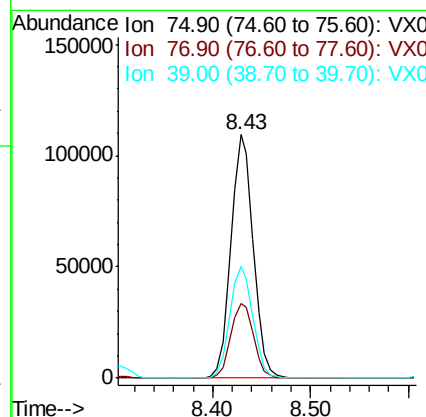
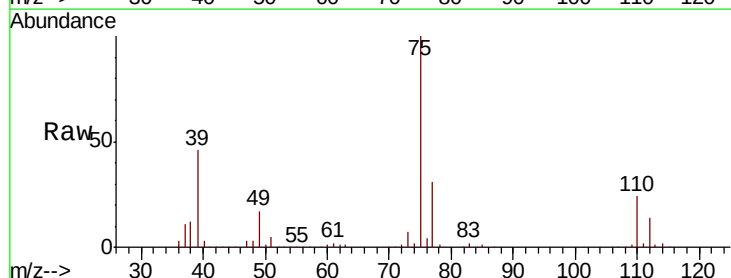
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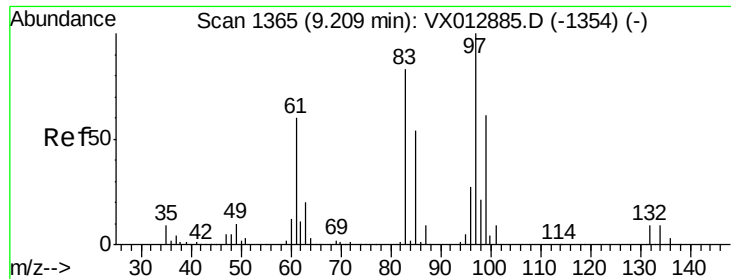
MMDadoda
10/9/2019 10:39:05 AM



#54
cis-1,3-Dichloropropene
Concen: 52.955 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.8
39	45.9	38.2	57.2





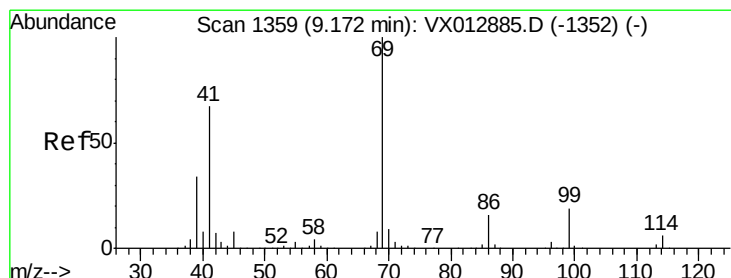
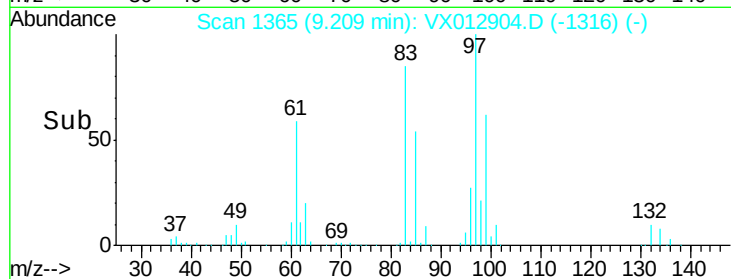
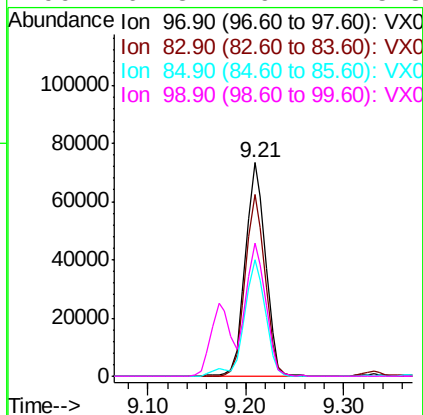
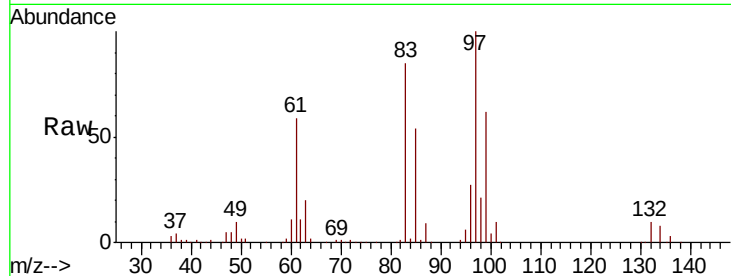
#55
 1,1,2-Trichloroethane
 Concen: 52.023 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	105462
Ion Ratio	Lower	Upper	
97	100		
83	85.0	66.5	99.7
85	54.3	43.1	64.7
99	62.3	49.2	73.8

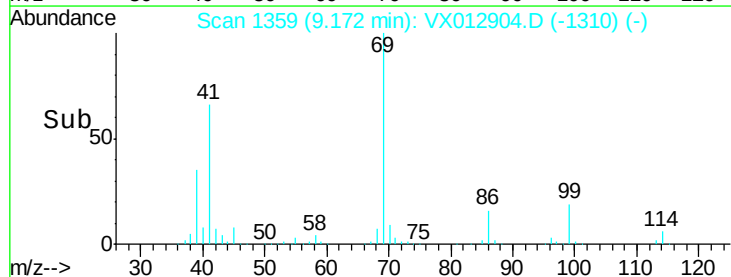
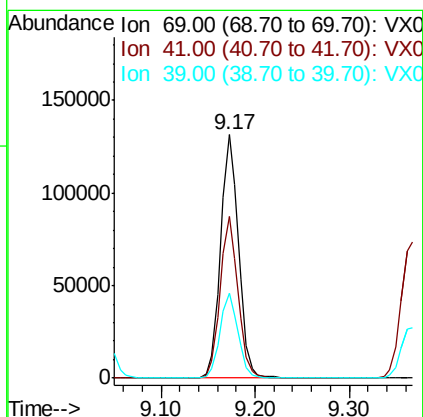
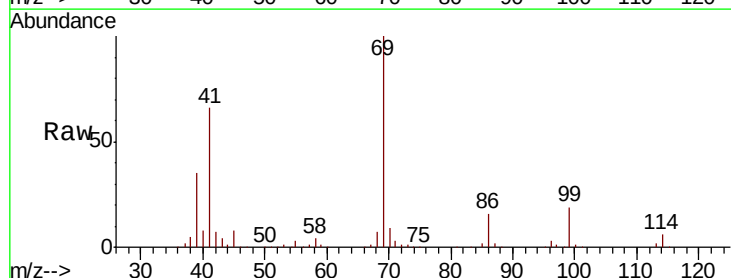
Manual Integrations
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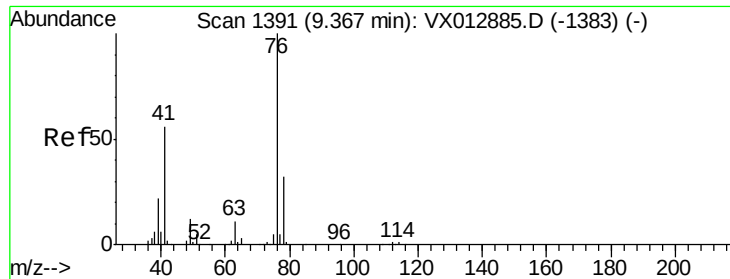
MMDadoda
 10/9/2019 10:39:05 AM



#56
 Ethyl methacrylate
 Concen: 48.217 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion:	69	Resp:	174790
Ion Ratio	Lower	Upper	
69	100		
41	66.0	52.1	78.1
39	35.1	27.8	41.8





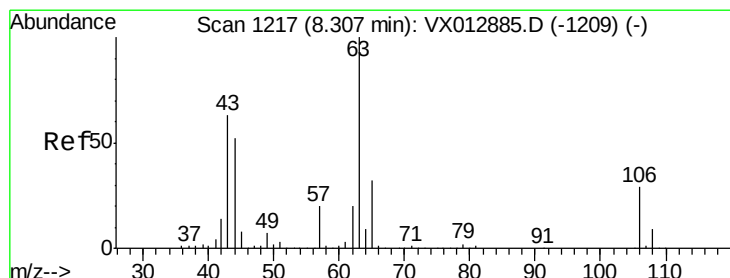
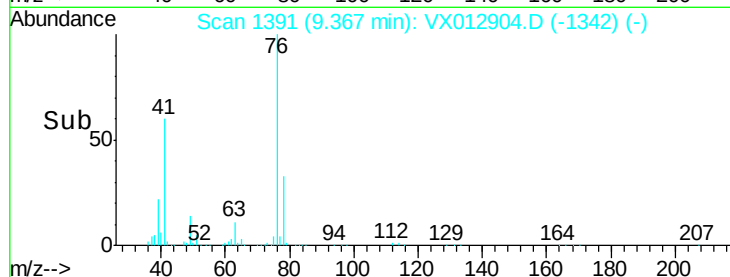
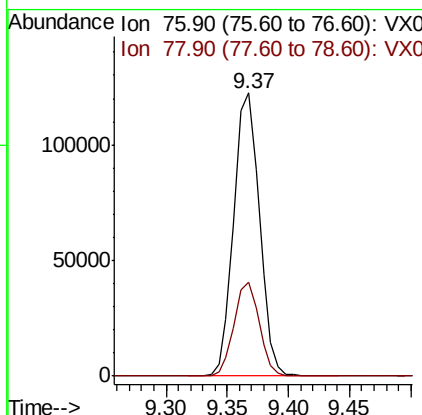
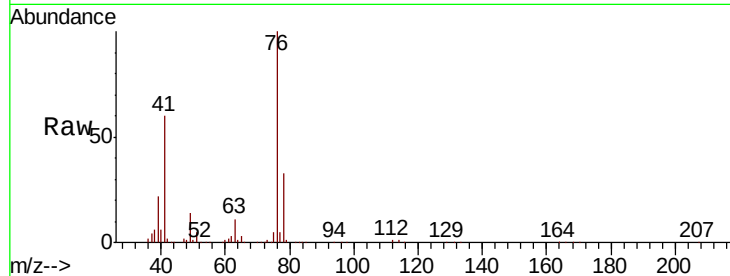
#57
 1,3-Dichloropropane
 Concen: 50.869 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 178383
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

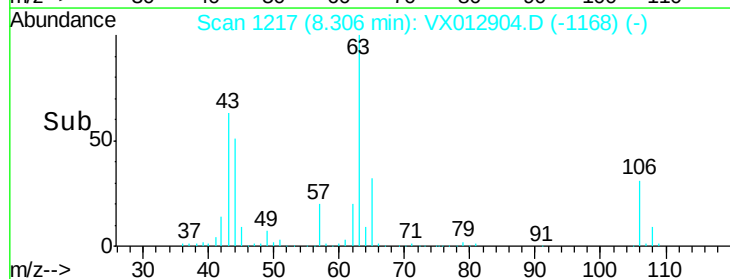
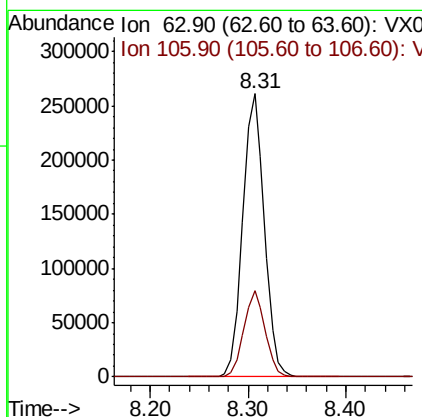
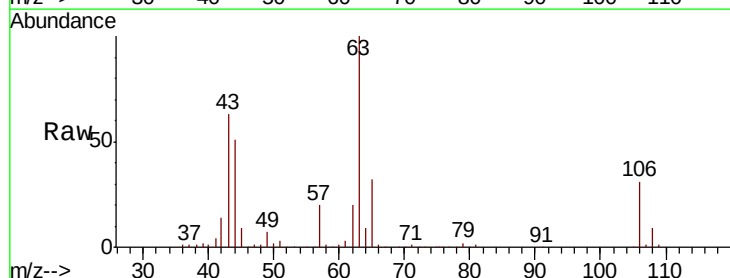
Manual Integrations
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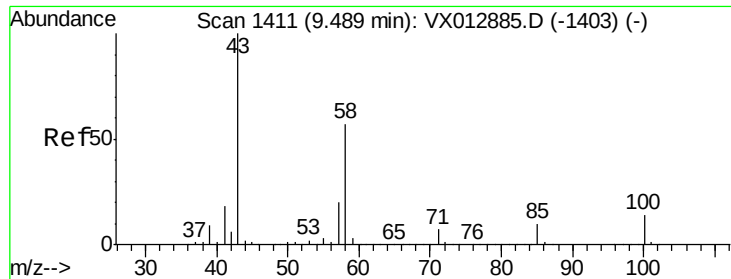
MMDadoda
 10/9/2019 10:39:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.801 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 63 Resp: 400311
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.8





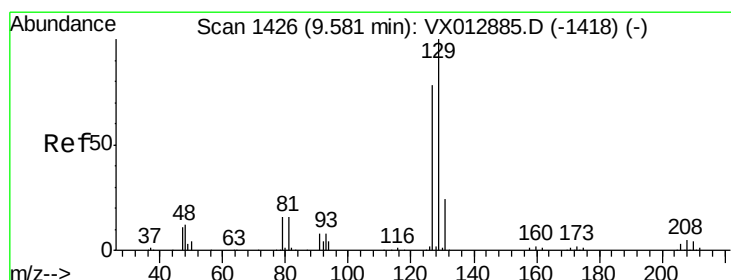
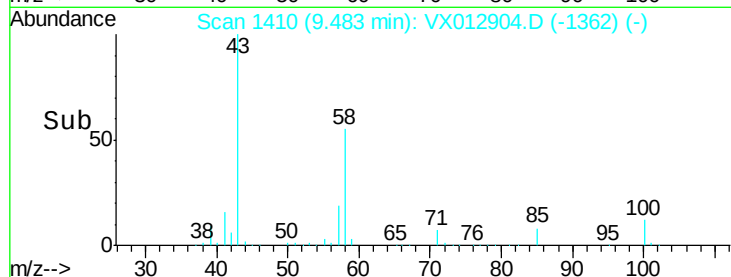
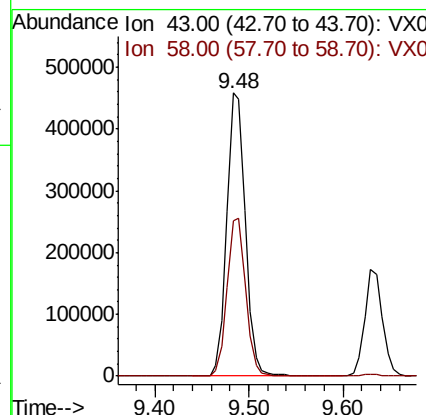
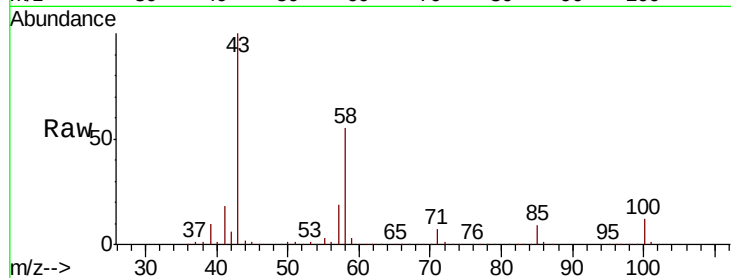
#59
2-Hexanone
Concen: 265.593 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	Lower	Upper
Resp: 627185	100	56.1		28.1	84.3

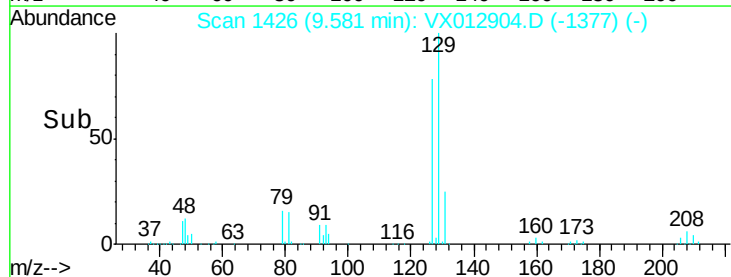
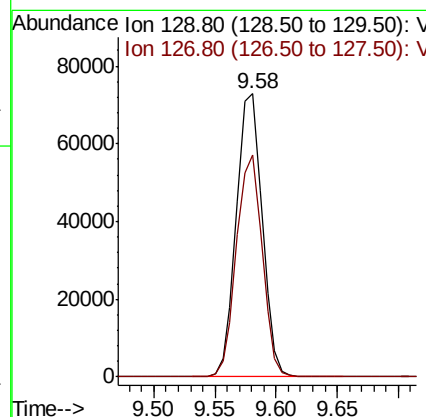
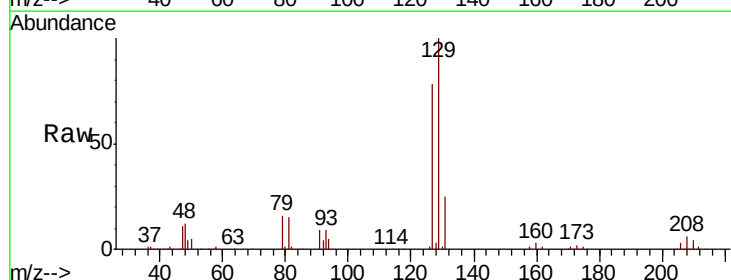
Manual Integrations
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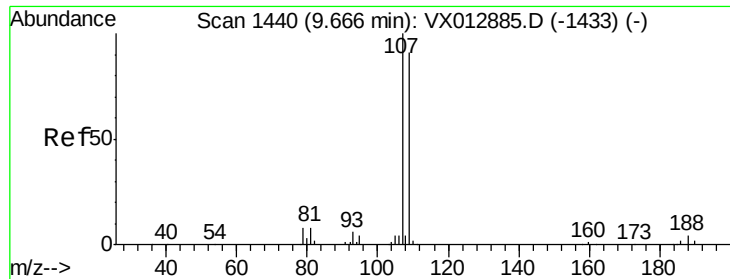
MMDadoda
10/9/2019 10:39:05 AM



#60
Dibromochloromethane
Concen: 47.384 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	129	127	Ratio	Lower	Upper
Resp: 106668	100	78.0		38.9	116.7





#61

1,2-Dibromoethane

Concen: 52.096 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 111097

Ion Ratio Lower Upper

107 100

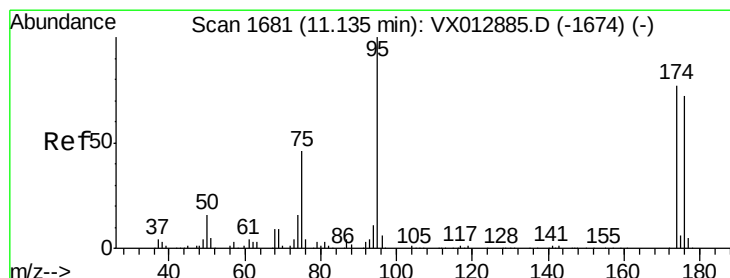
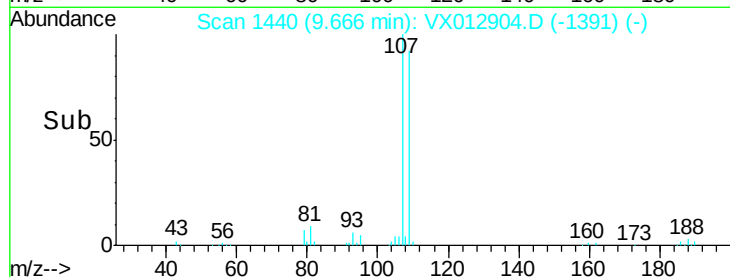
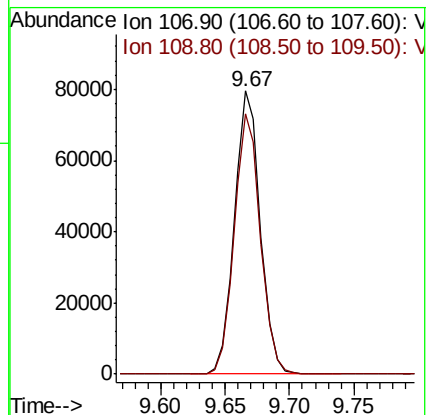
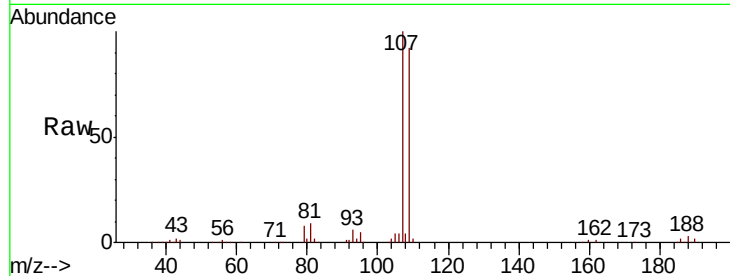
109 93.5 75.8 113.6

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 50.185 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

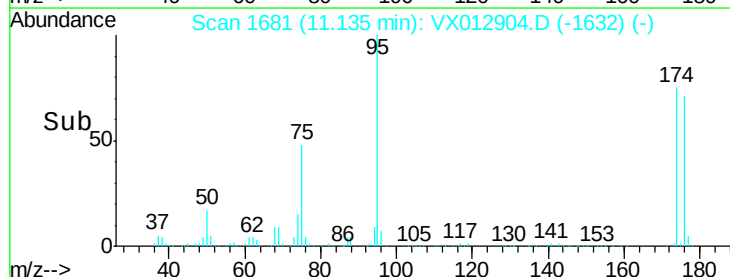
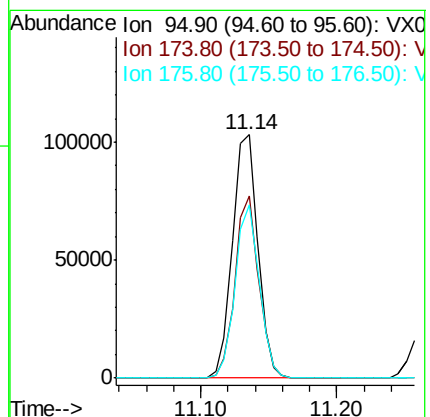
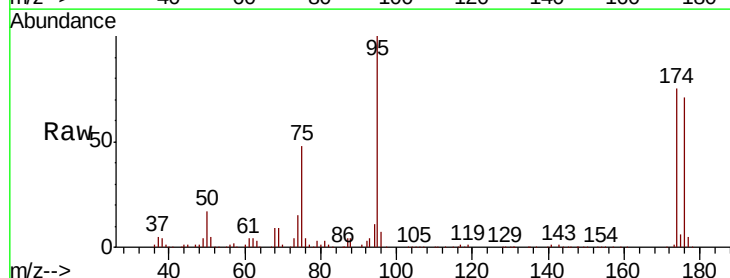
Tgt Ion: 95 Resp: 134599

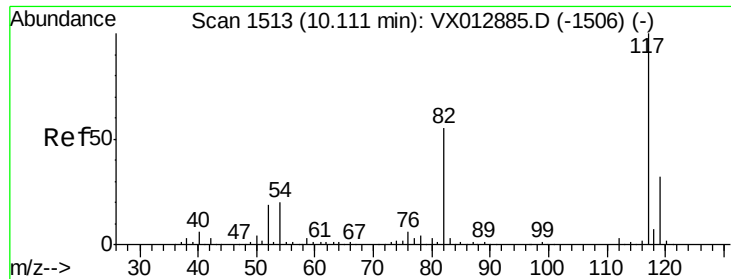
Ion Ratio Lower Upper

95 100

174 69.9 0.0 143.4

176 67.8 0.0 136.0





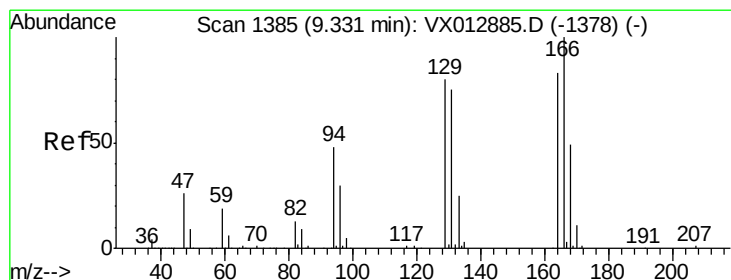
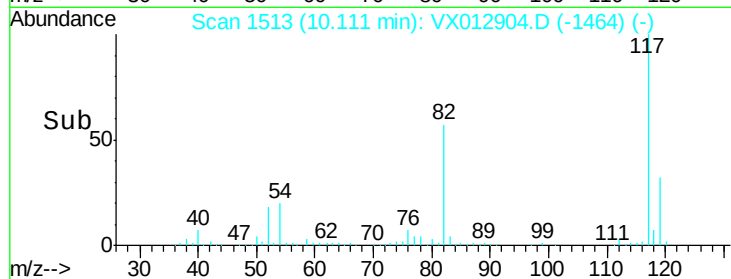
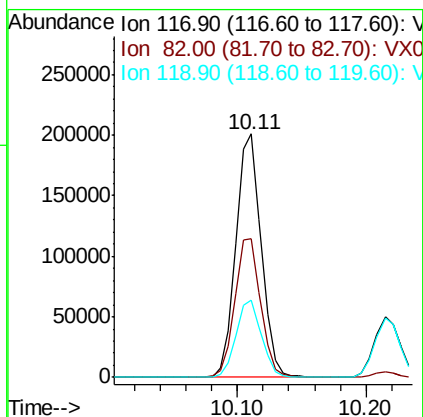
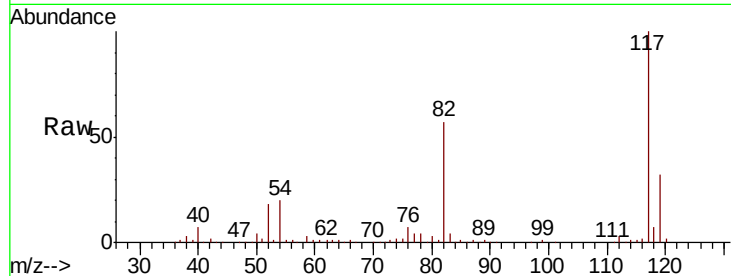
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.1	66.1
119	31.9	25.8	38.8

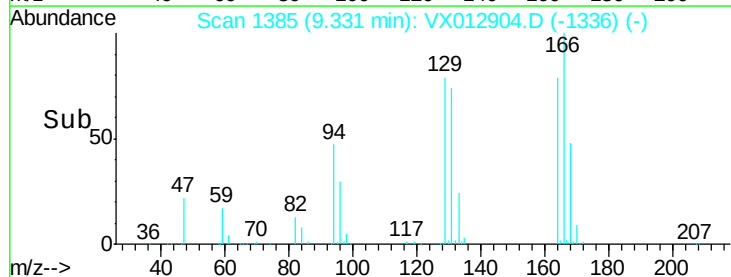
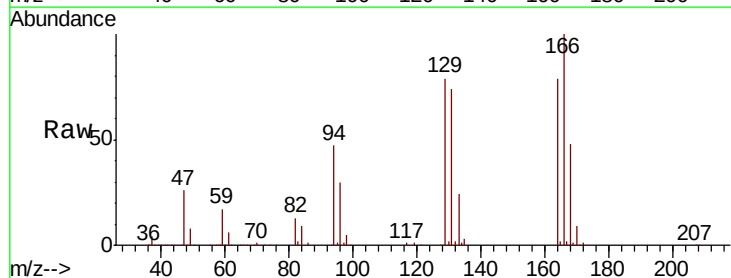
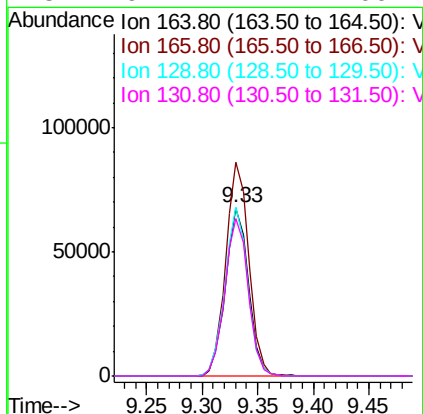
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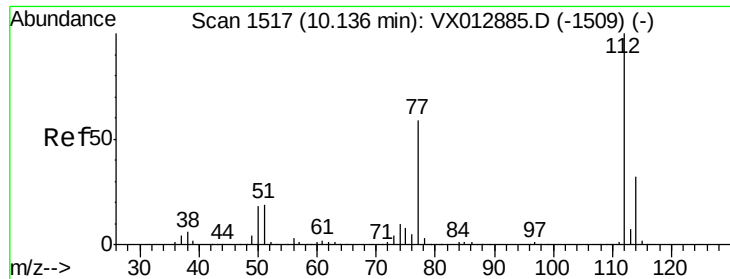
MMDadoda
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#64
Tetrachloroethene
Concen: 50.718 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	96.9	145.3
129	100.7	77.9	116.9
131	94.2	72.7	109.1





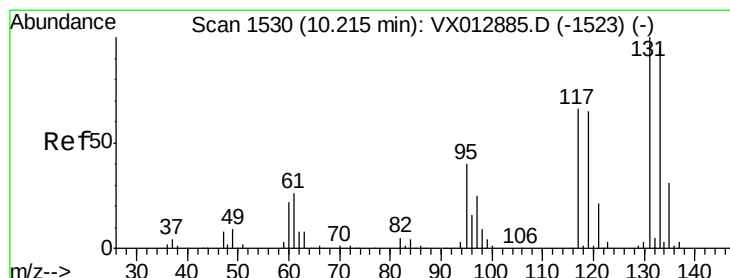
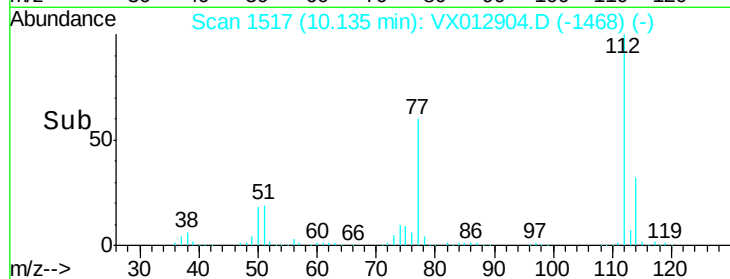
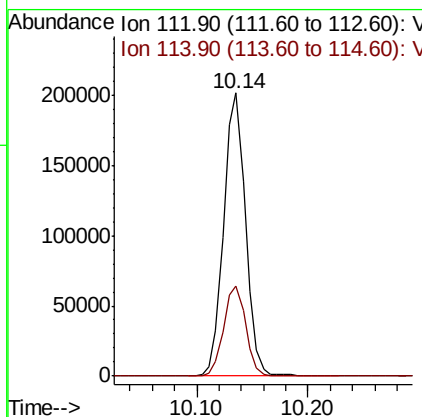
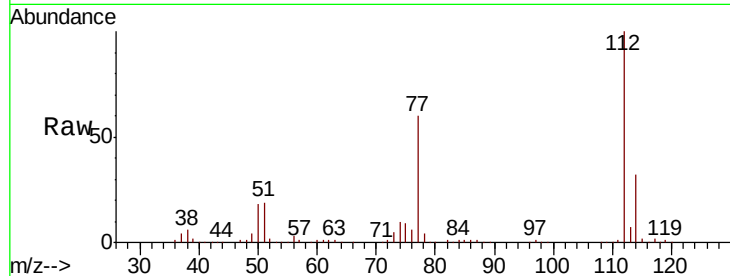
#65
Chlorobenzene
Concen: 50.134 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 273675
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

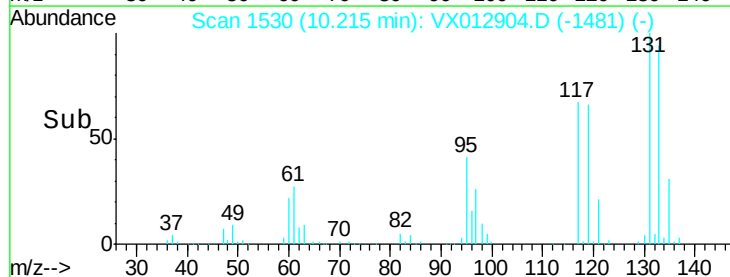
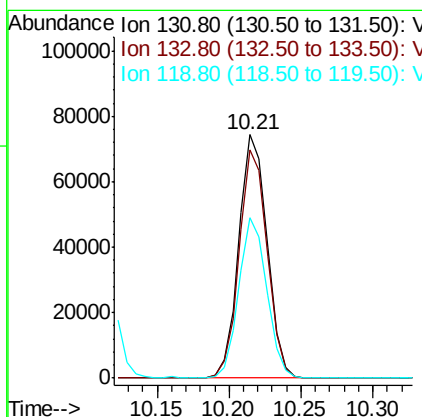
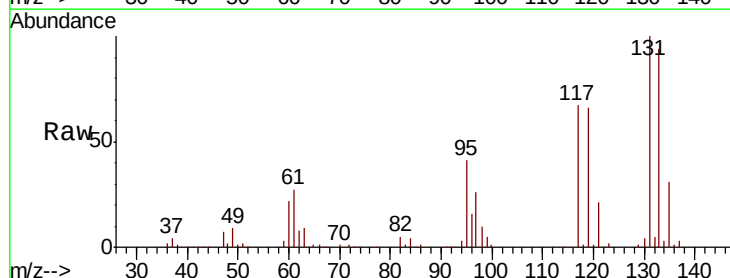
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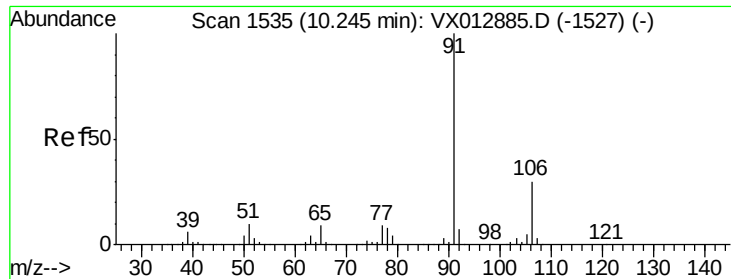
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.608 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion:131 Resp: 101464
Ion Ratio Lower Upper
131 100
133 92.8 47.2 141.6
119 65.3 32.6 98.0





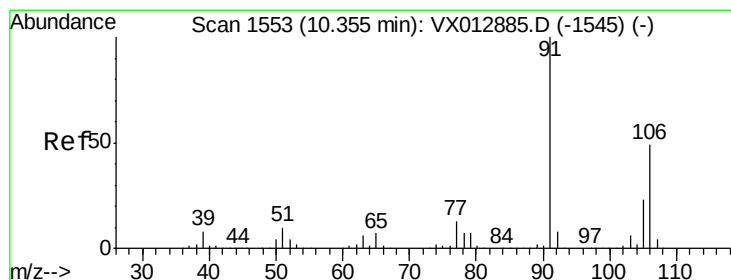
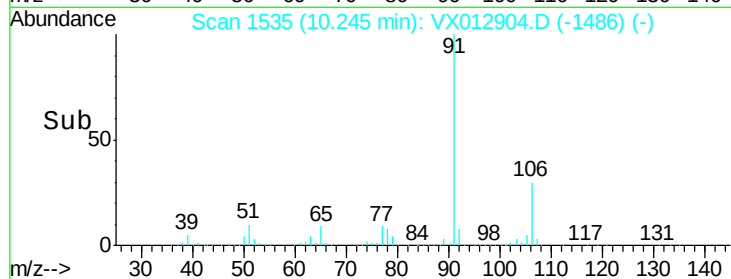
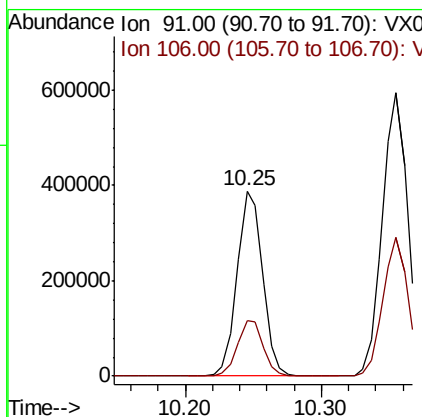
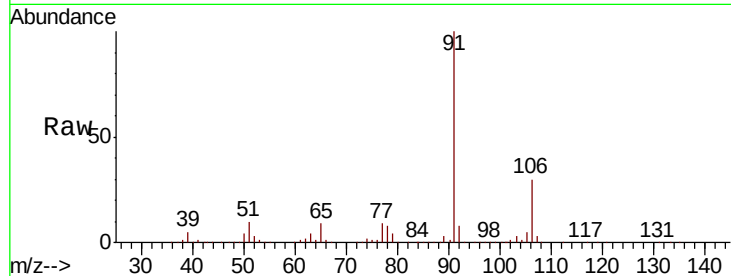
#67
Ethyl Benzene
Concen: 52.230 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 506447
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

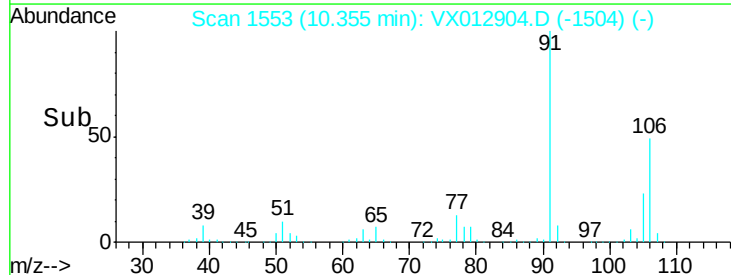
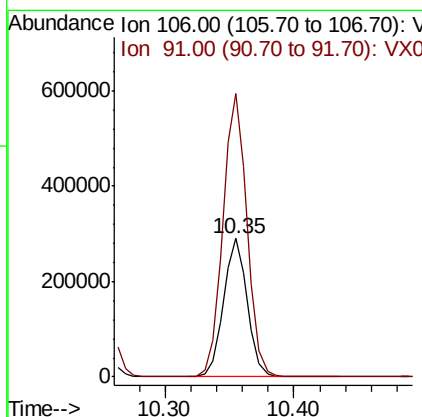
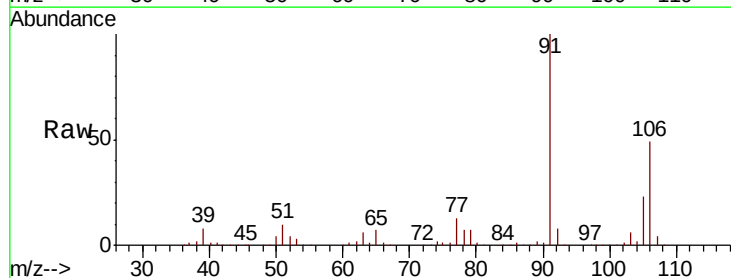
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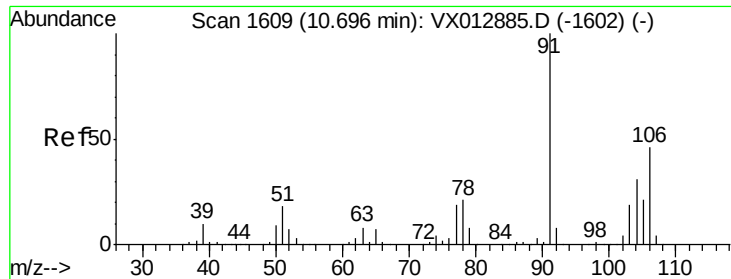
MMDadoda
10/9/2019 10:39:05 AM



#68
m/p-Xylenes
Concen: 104.142 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 106 Resp: 377247
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9





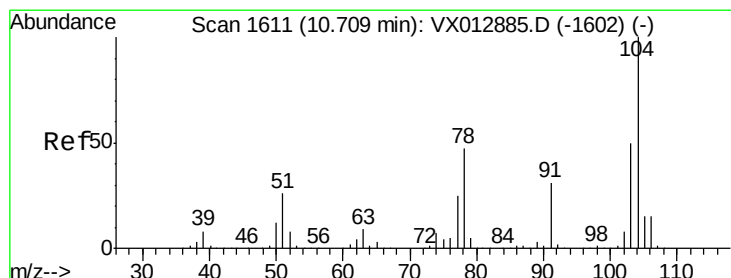
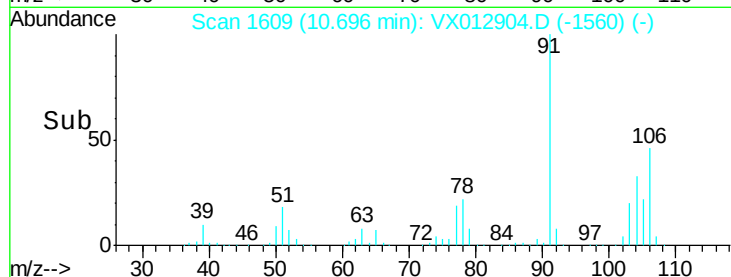
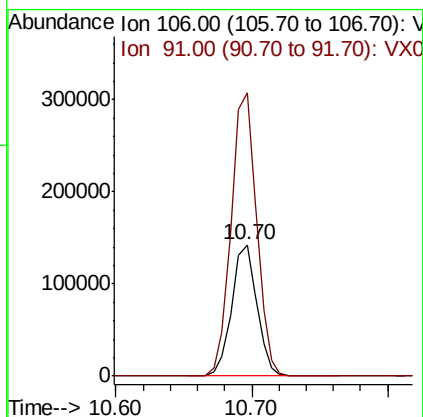
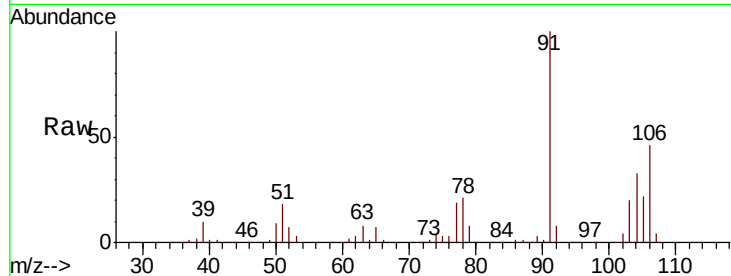
#69
o-Xylene
Concen: 52.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.3	109.1	327.3

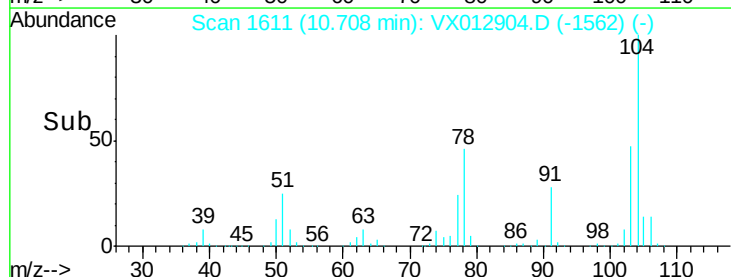
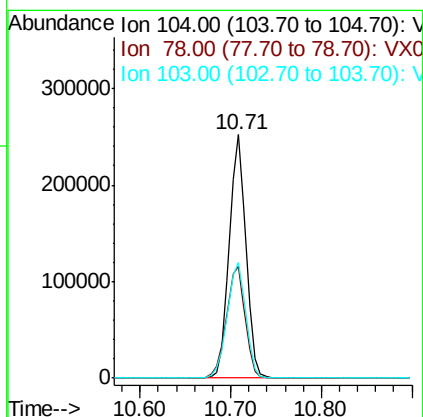
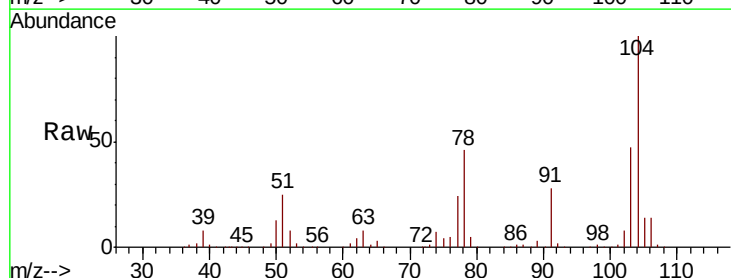
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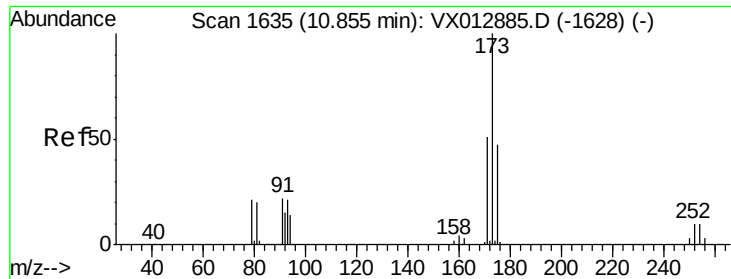
MMDadoda
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#70
Styrene
Concen: 53.844 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.2	61.8
103	53.2	43.0	64.4





#71

Bromoform

Concen: 45.722 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 73260

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

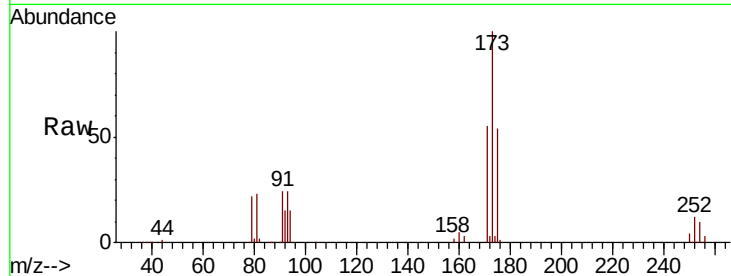
254 0.2 0.1 0.1#

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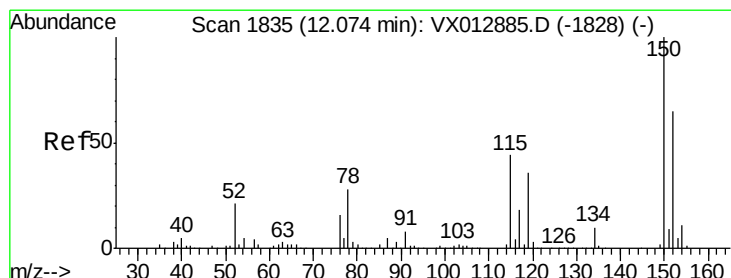
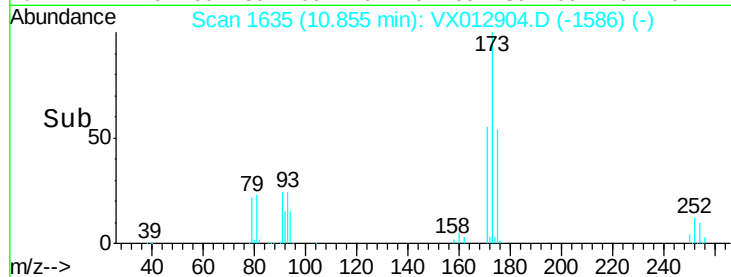
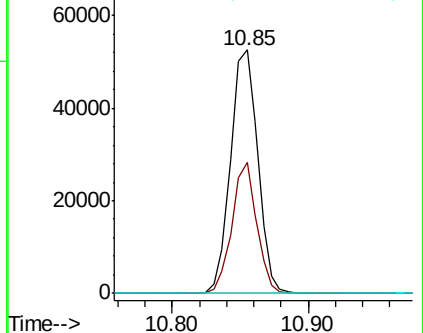
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

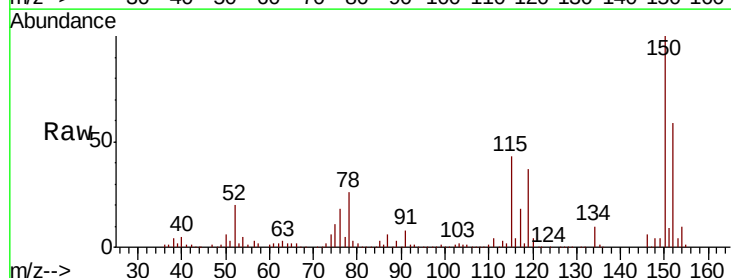
Tgt Ion:152 Resp: 126679

Ion Ratio Lower Upper

152 100

115 89.1 44.5 133.5

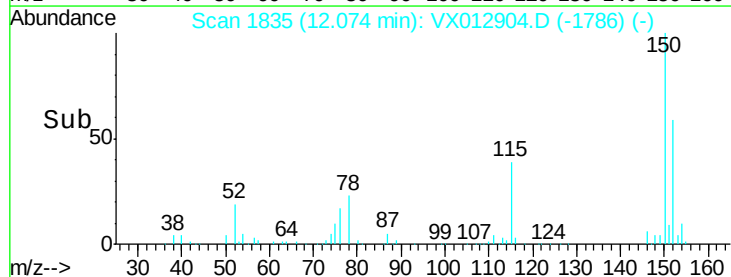
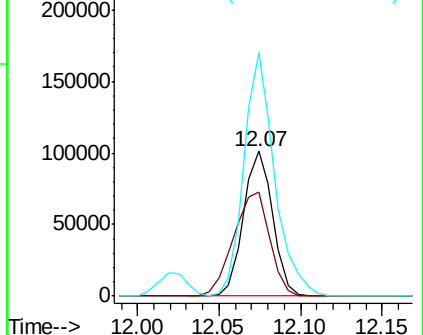
150 176.1 0.0 353.4

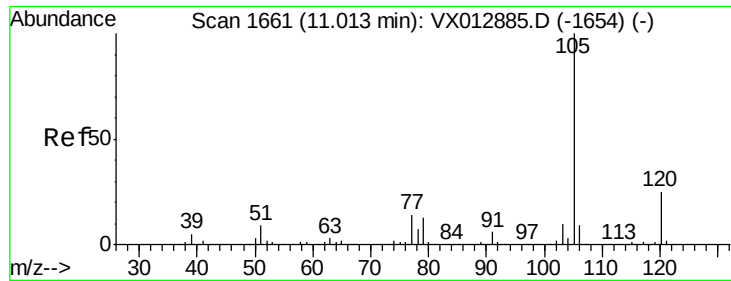


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.560 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 489531

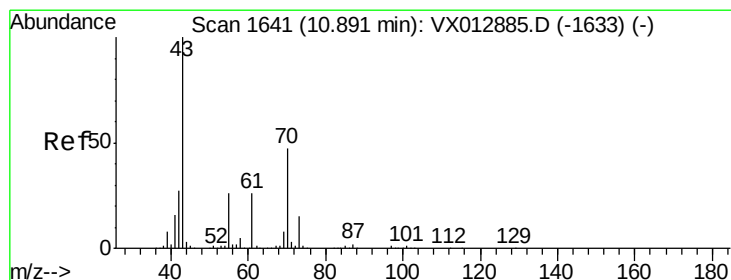
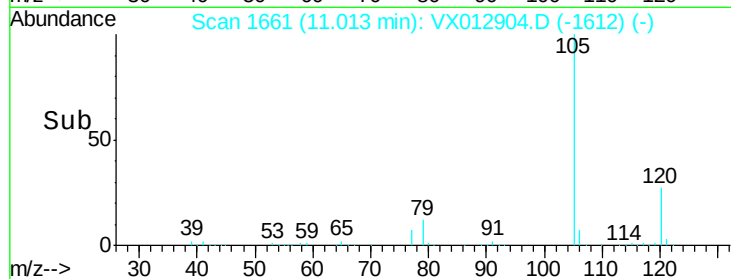
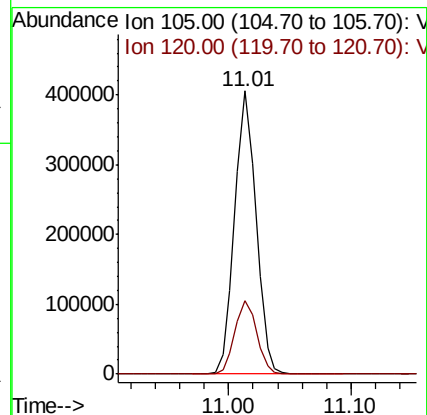
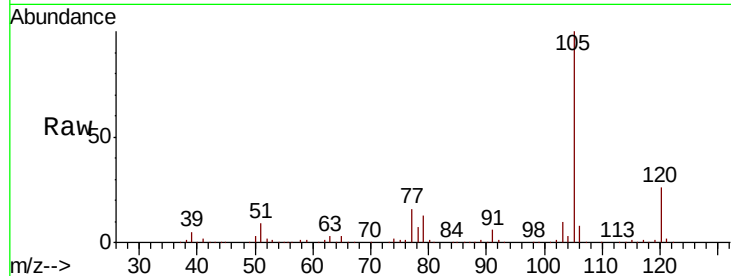
Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0

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#74

N-ethyl acetate

Concen: 55.597 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion: 43 Resp: 223010

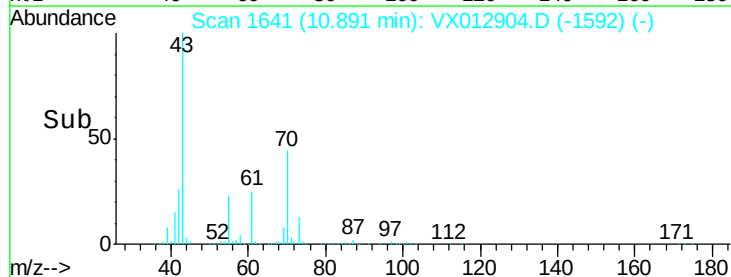
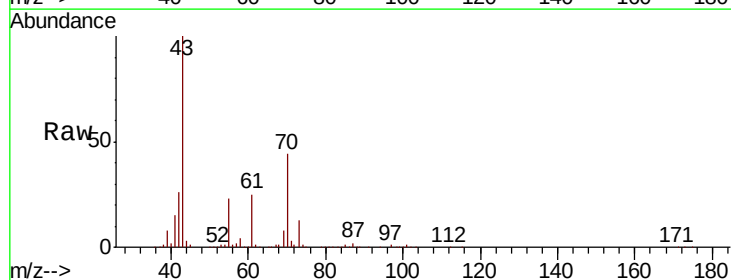
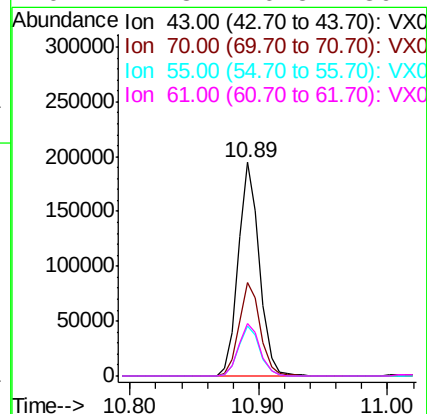
Ion Ratio Lower Upper

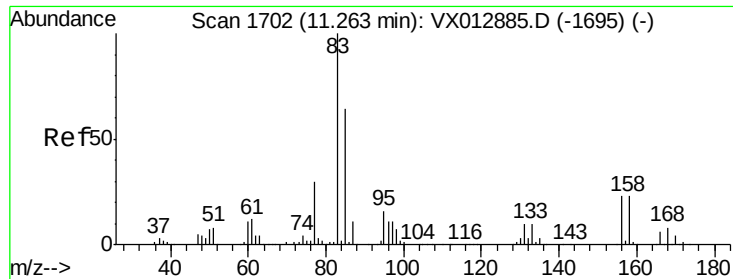
43 100

70 43.9 36.4 54.6

55 24.0 20.2 30.2

61 24.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.465 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

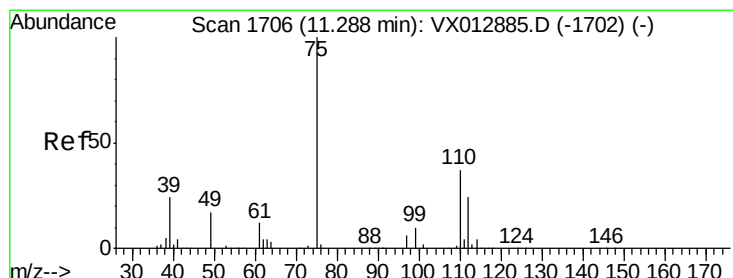
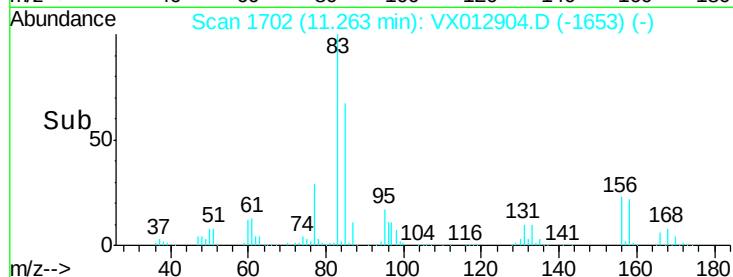
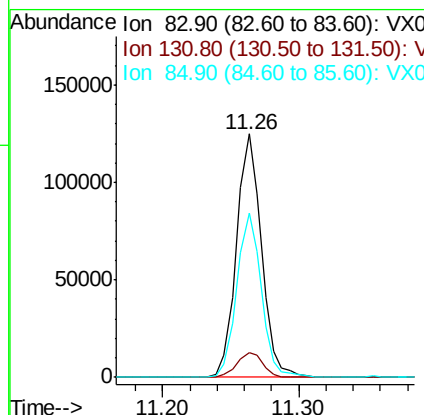
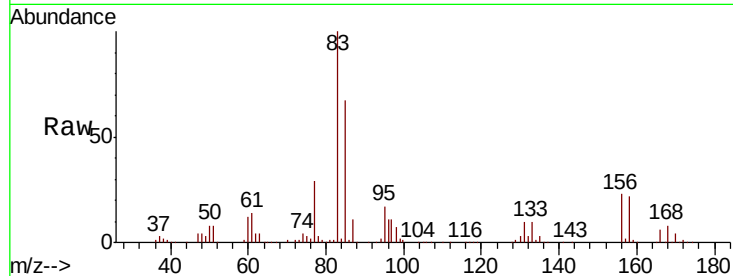
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	159426
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	66.6	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.172 ug/l m

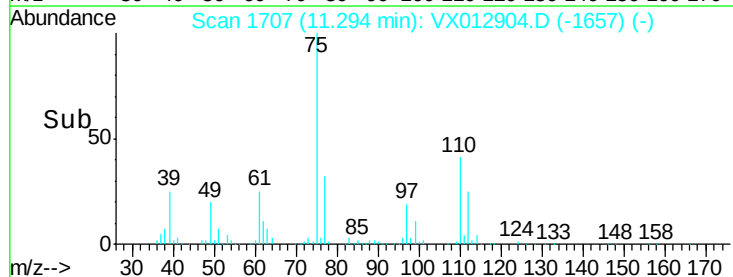
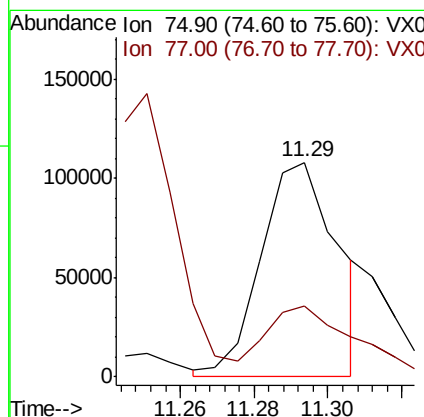
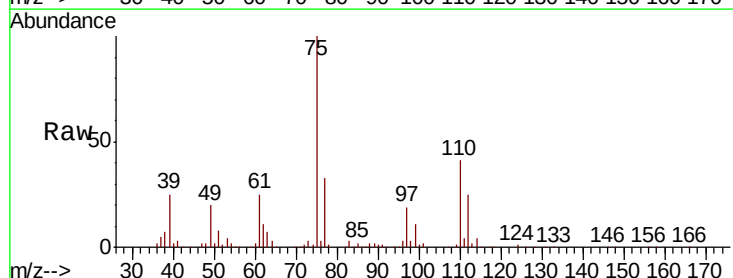
RT: 11.29 min Scan# 1707

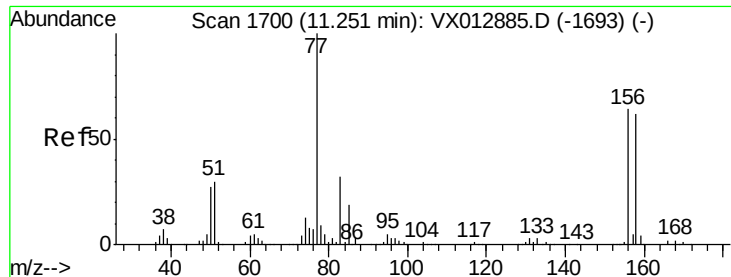
Delta R.T. 0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion:	75	Resp:	155019
Ion Ratio	Lower	Upper	
75	100		
77	38.5	22.9	68.8





#77

Bromobenzene

Concen: 50.597 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

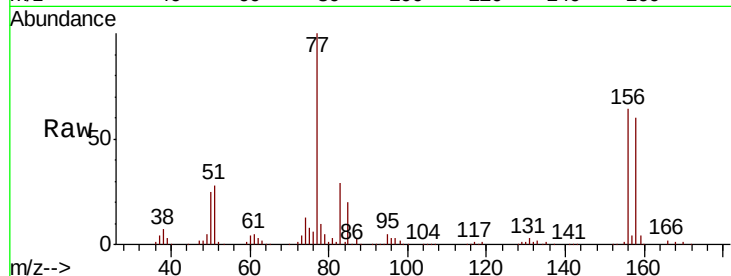
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	171.1	83.7	251.0		
158	97.3	48.6	145.9		

Manual Integrations
APPROVED

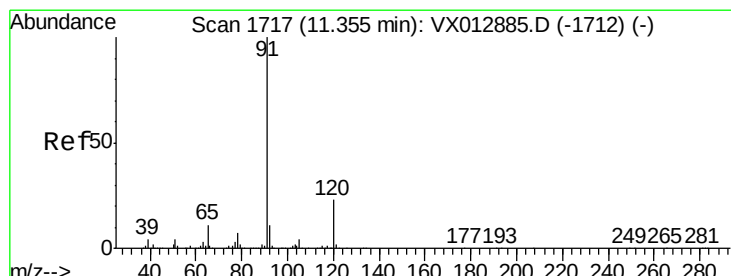
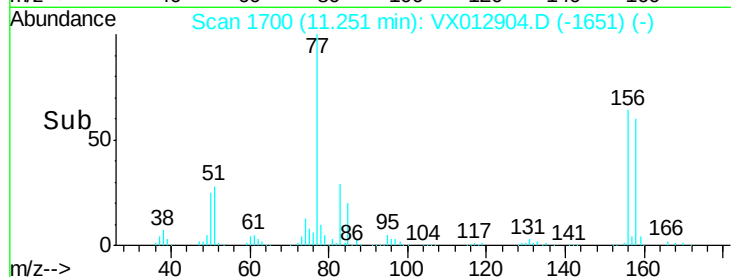
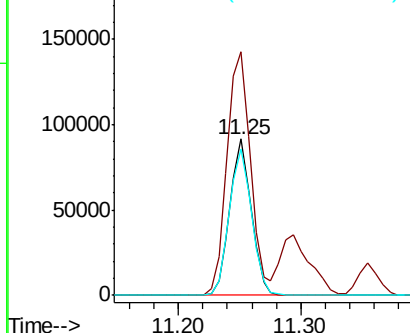
MMDadoda
10/9/2019 10:39:05 AM



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: 53.565 ug/l

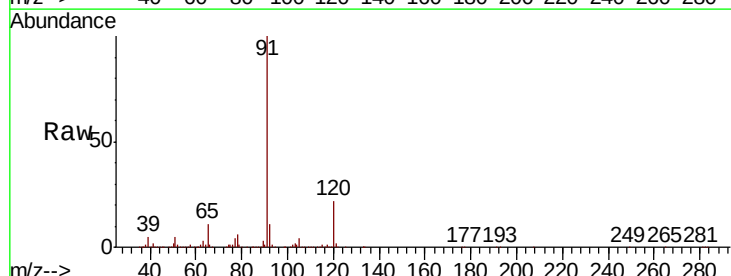
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012904.D

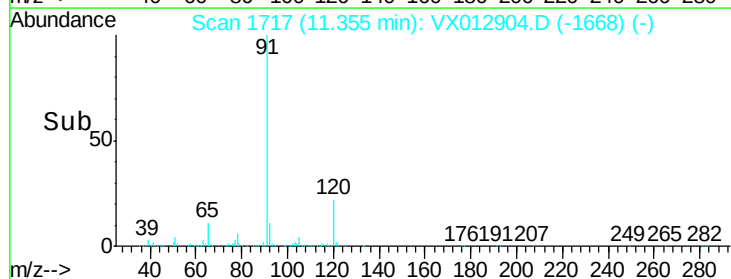
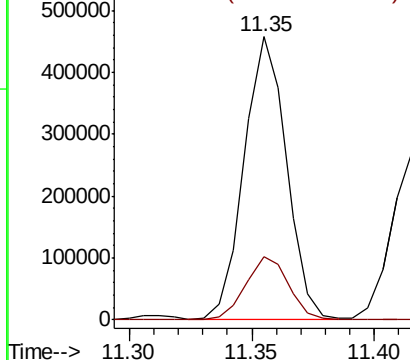
Acq: 08 Oct 2019 21:19

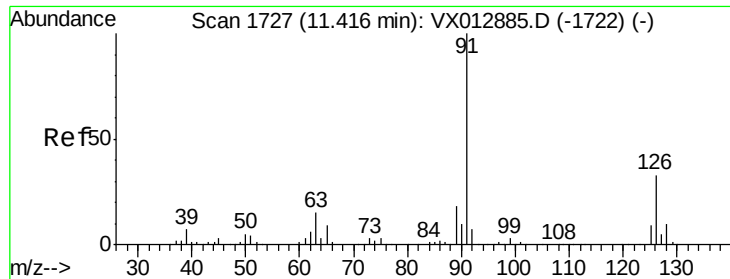
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.9	11.7	35.1		



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





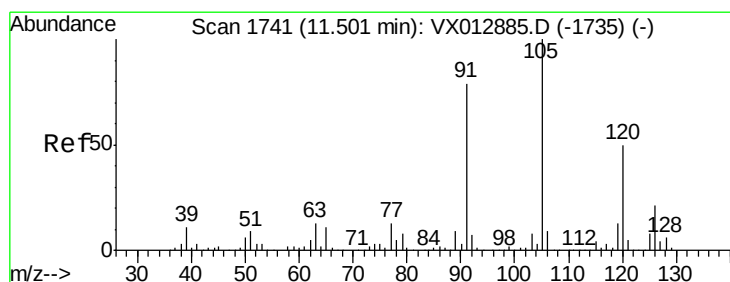
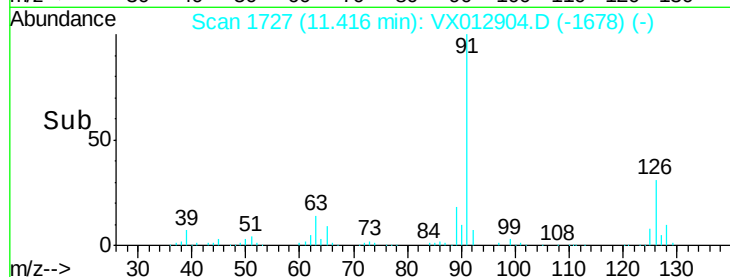
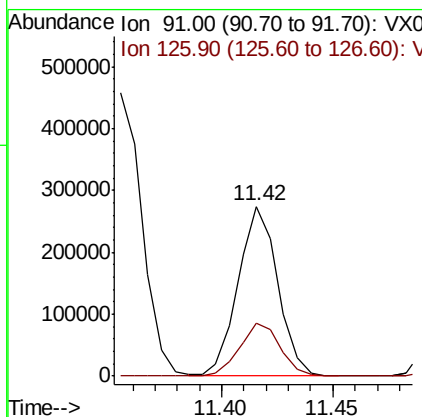
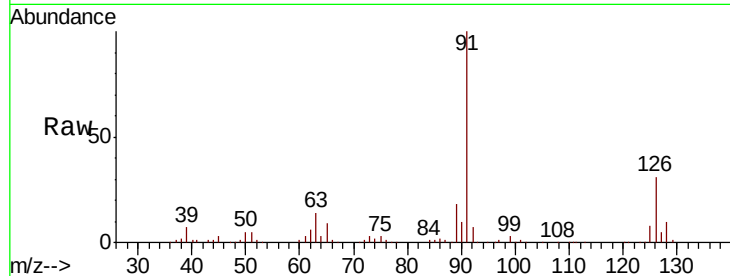
#79
 2-Chlorotoluene
 Concen: 52.787 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 339990
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.3 48.8

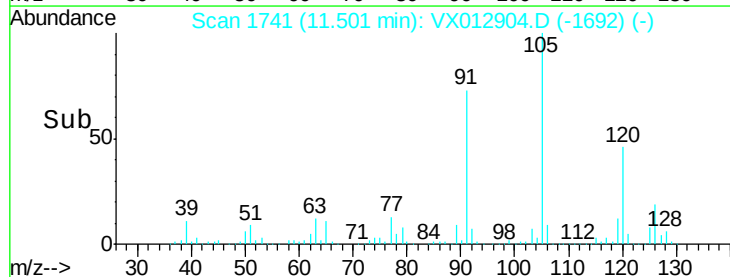
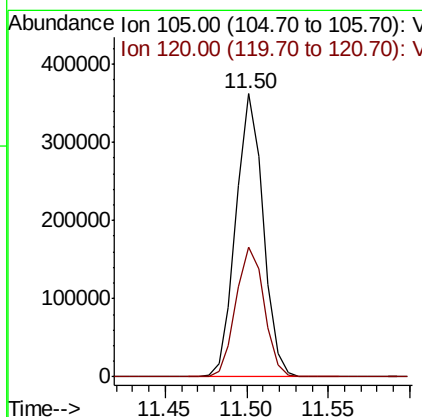
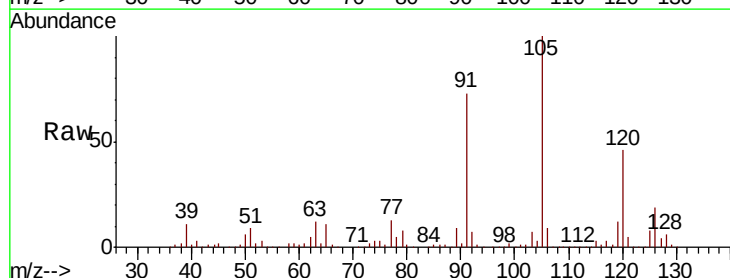
Manual Integrations
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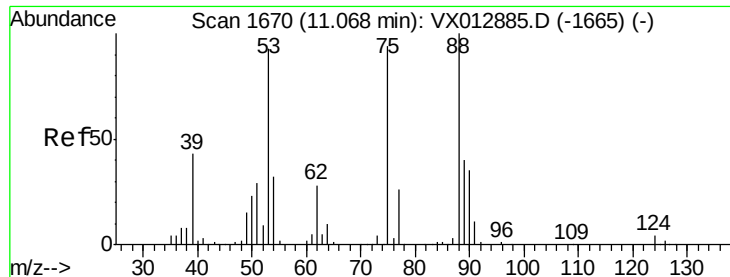
MMDadoda
 10/9/2019 10:39:05 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.213 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 105 Resp: 421615
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.3





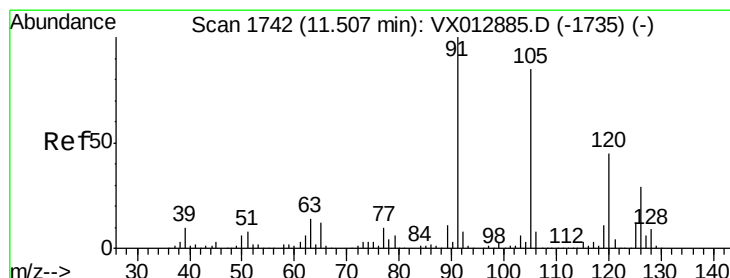
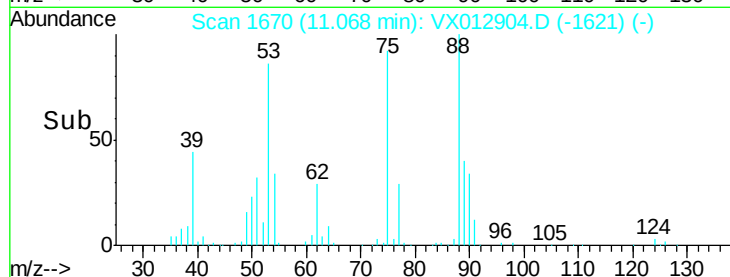
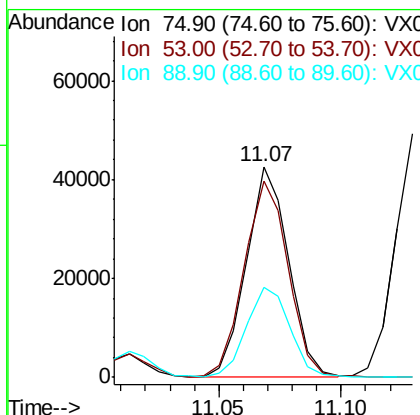
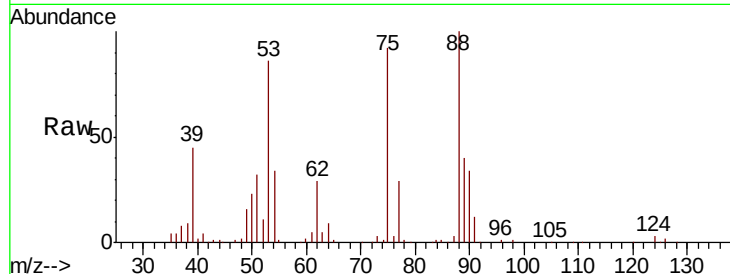
#81
trans-1,4-Dichloro-2-butene
Concen: 46.940 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.9	78.5	117.7
89	44.2	37.4	56.2

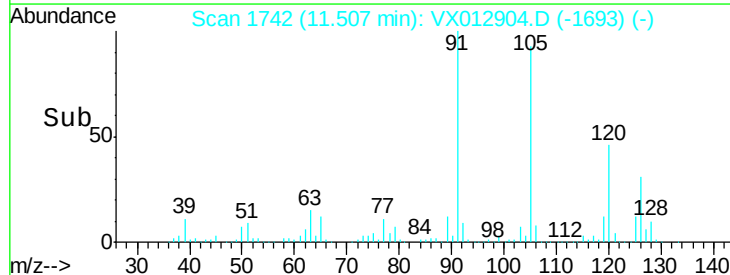
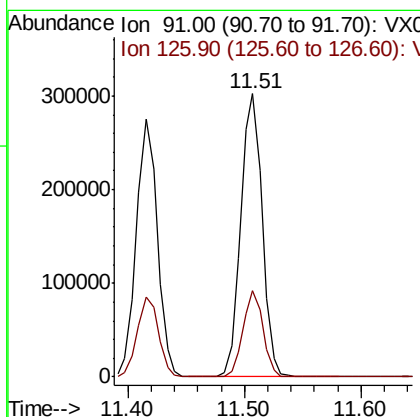
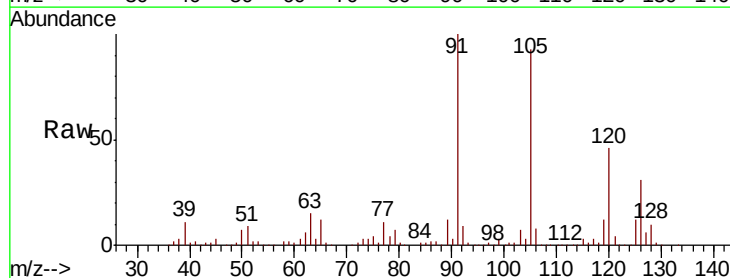
Manual Integrations
APPROVED

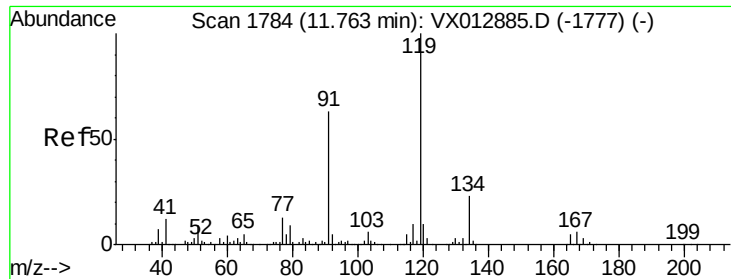
MMDadoda
10/9/2019 10:39:05 AM



#82
4-Chlorotoluene
Concen: 52.814 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6





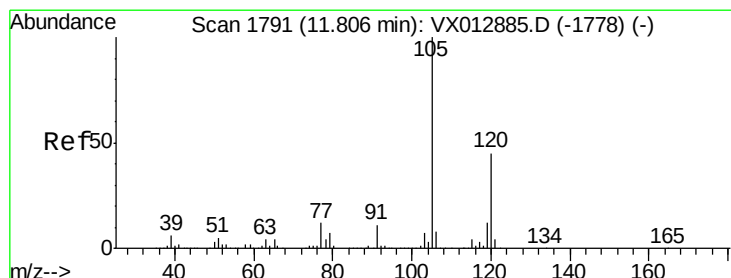
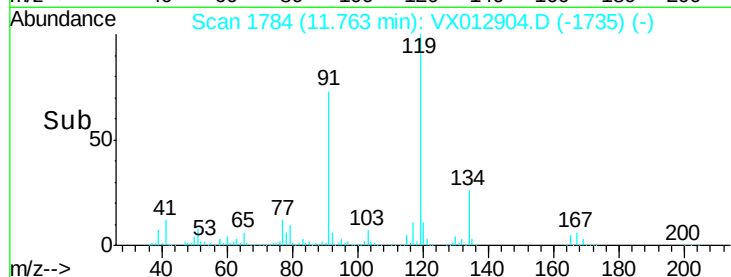
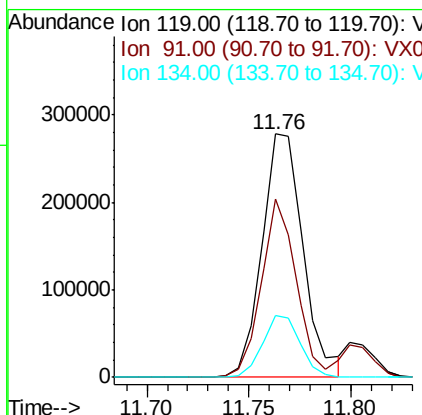
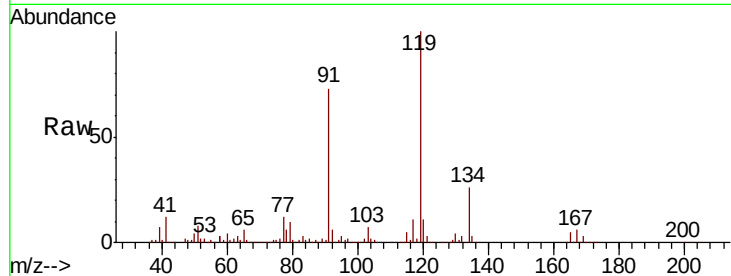
#83
 tert-Butylbenzene
 Concen: 51.581 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	391310		
91	61.9	29.3	87.9	
134	23.5	11.5	34.4	

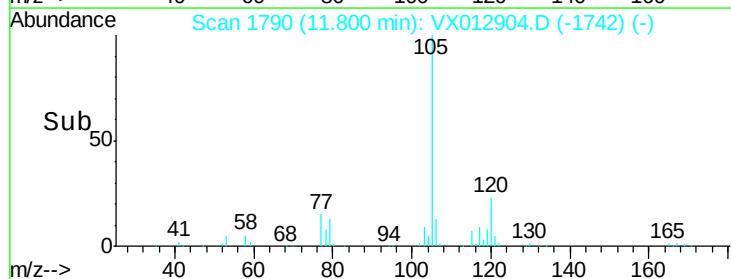
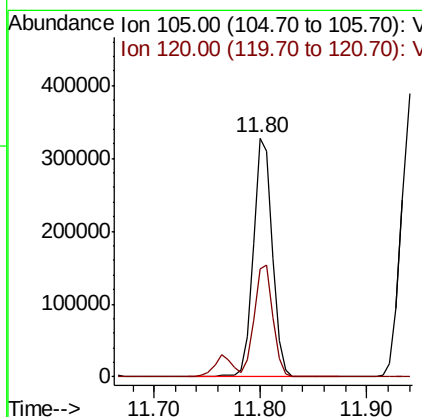
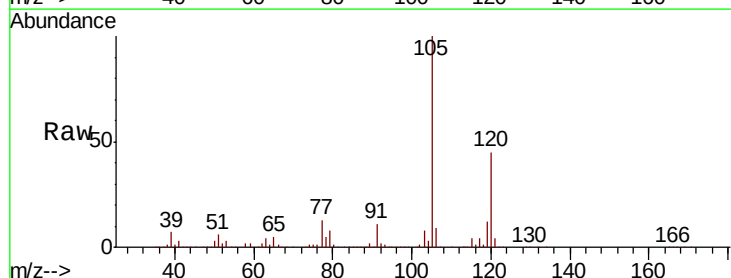
Manual Integrations
 APPROVED

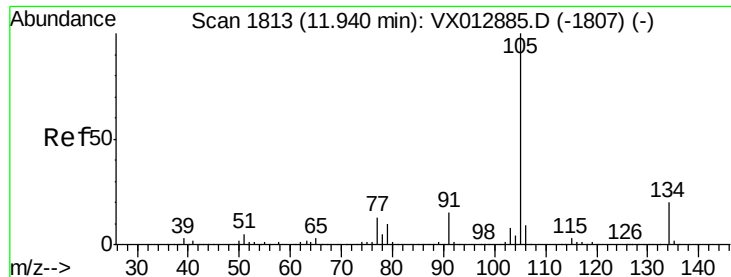
MMDadoda
 10/9/2019 10:39:05 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.930 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	409016		
120	46.0	21.8	65.3	





#85

sec-Butylbenzene

Concen: 53.070 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 466435

Ion Ratio Lower Upper

105 100

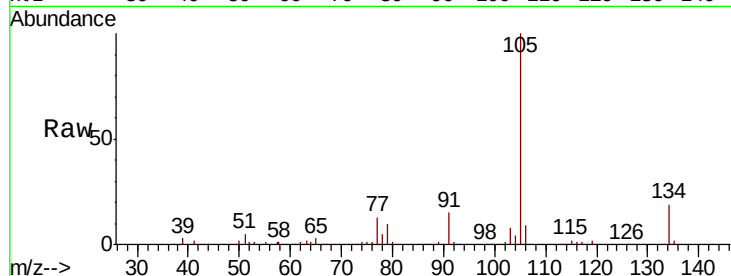
134 19.5 10.0 30.0

Manual Integrations

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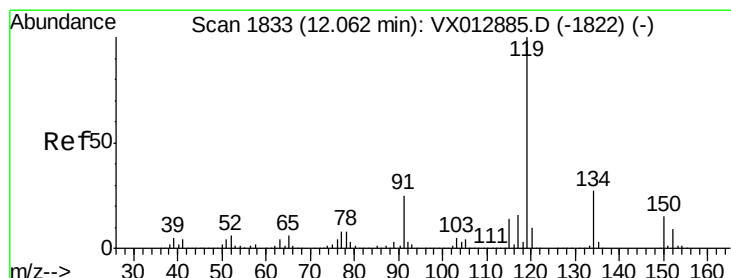
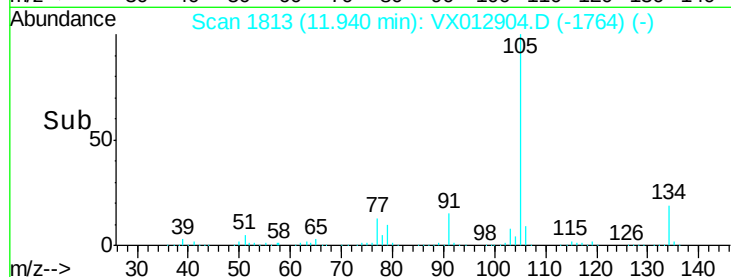
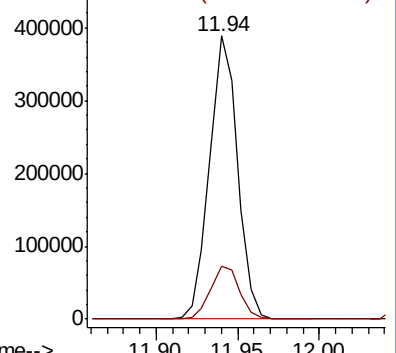
MMDadoda

10/9/2019 10:39:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.870 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

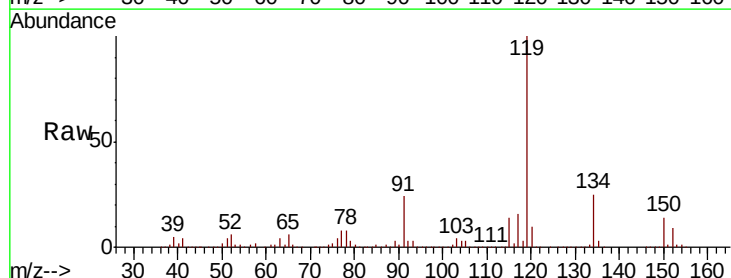
Tgt Ion:119 Resp: 430965

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

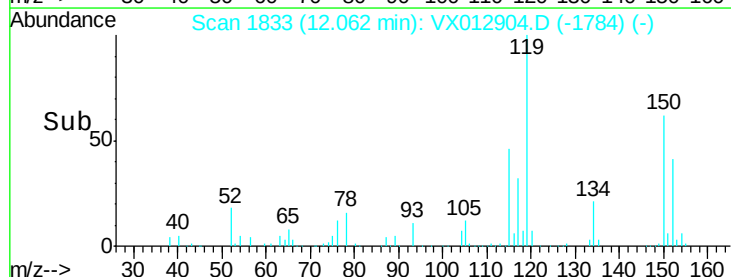
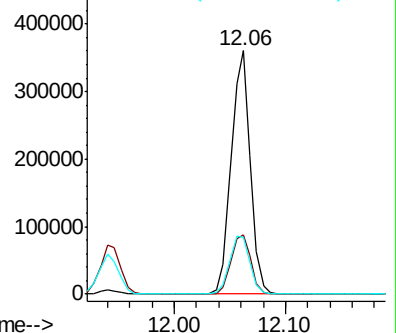
91 25.2 12.4 37.4

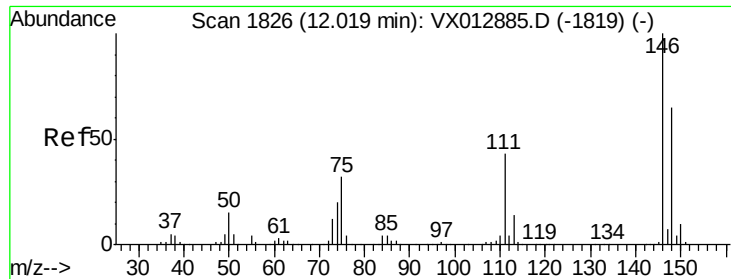


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





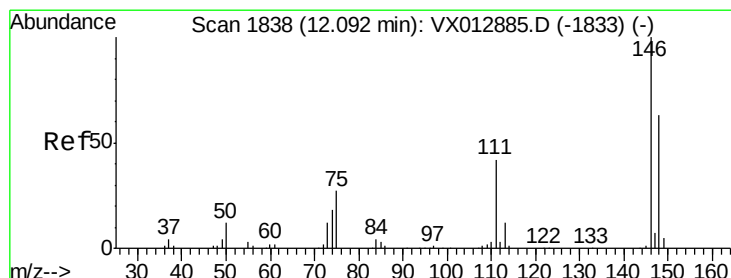
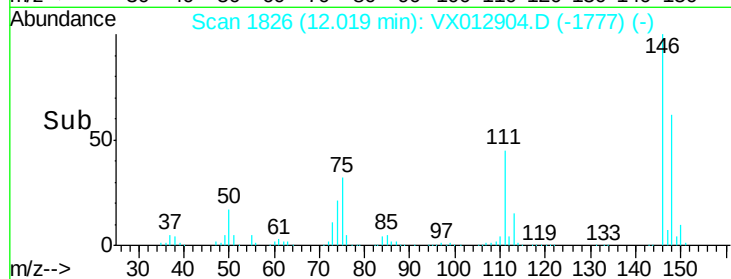
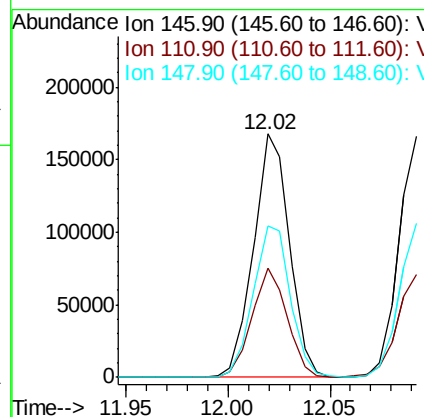
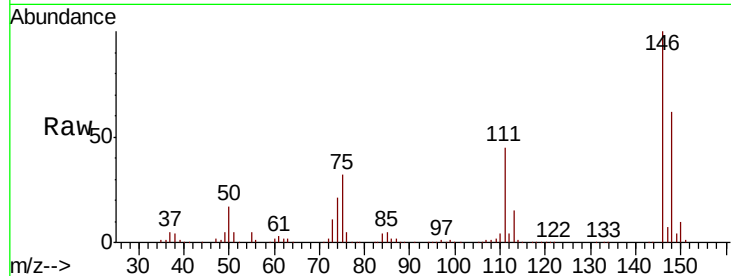
#87
 1,3-Dichlorobenzene
 Concen: 50.597 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.4
148	64.2	31.6	95.0

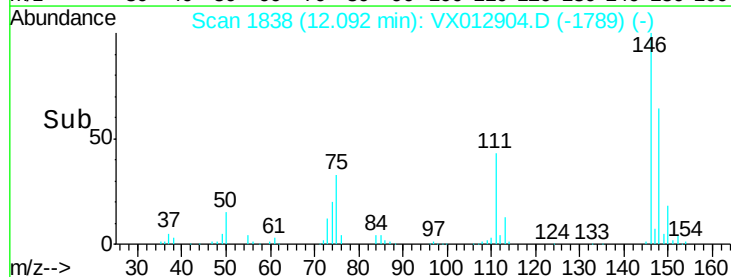
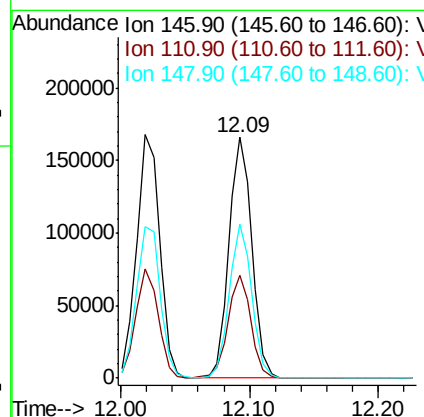
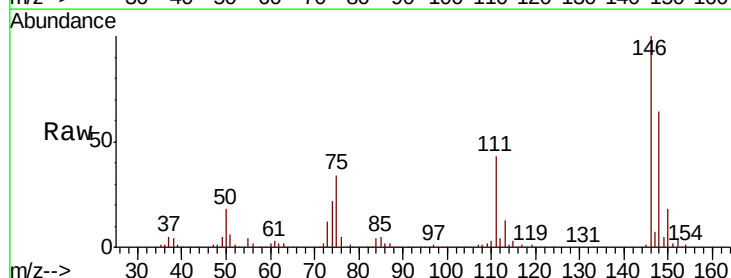
Manual Integrations
 APPROVED

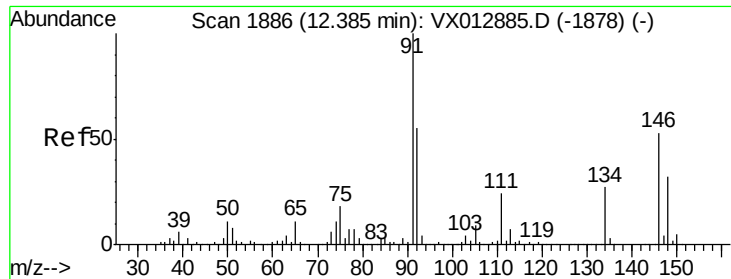
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 10/9/2019 10:39:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.432 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	63.0	32.1	96.5





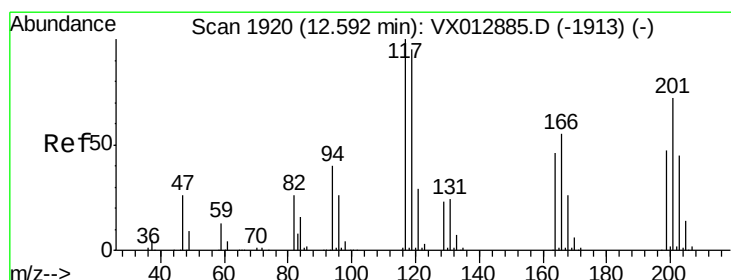
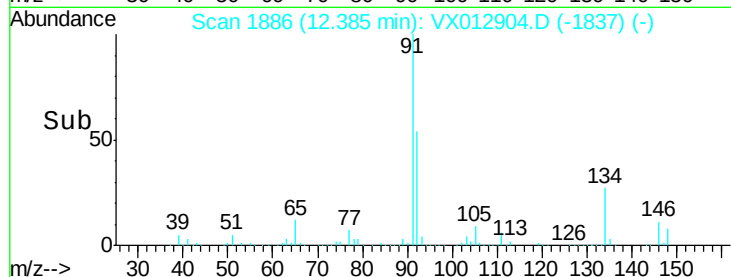
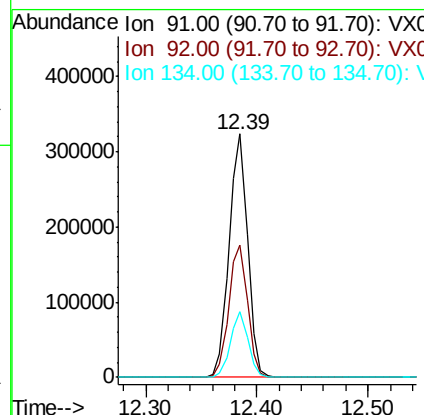
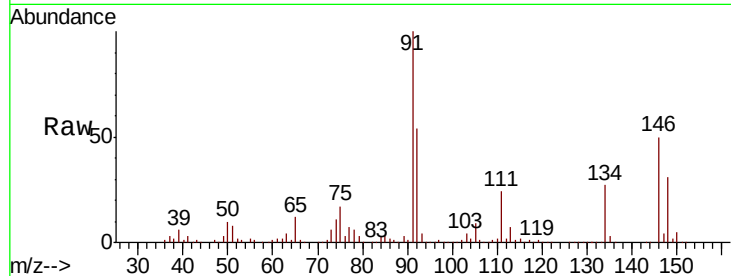
#89
n-Butylbenzene
Concen: 54.329 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.5	82.5
134	25.9	12.9	38.7

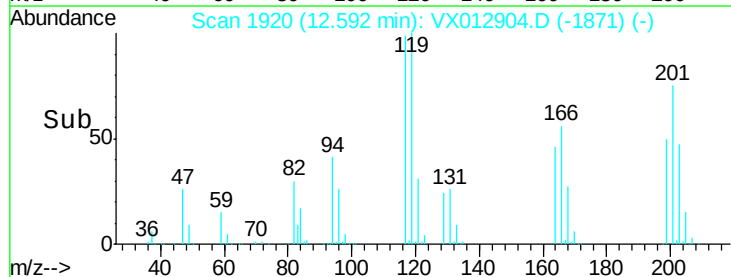
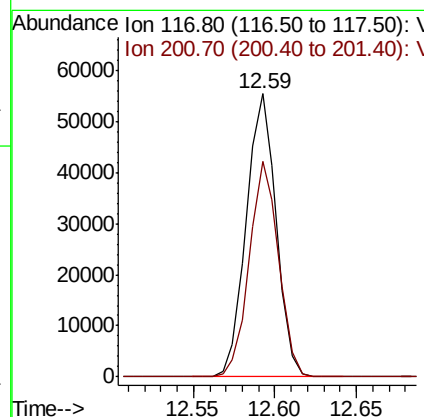
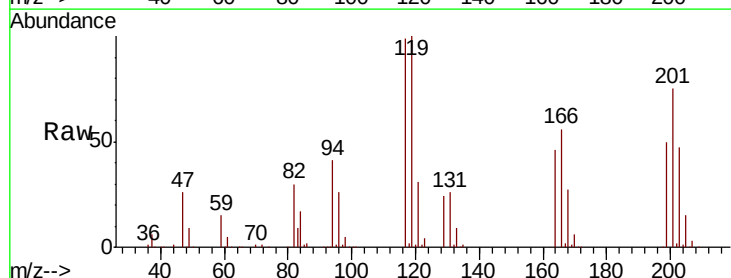
Manual Integrations
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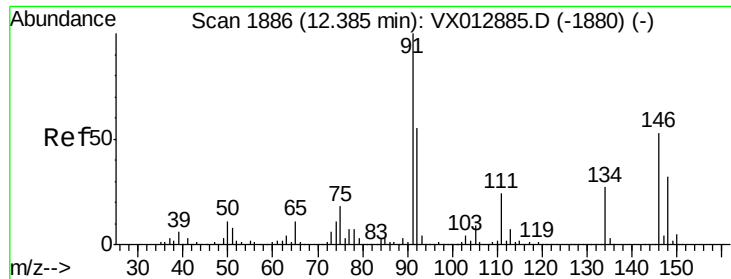
MMDadoda
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#90
Hexachloroethane
Concen: 47.084 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.7	36.9	110.7





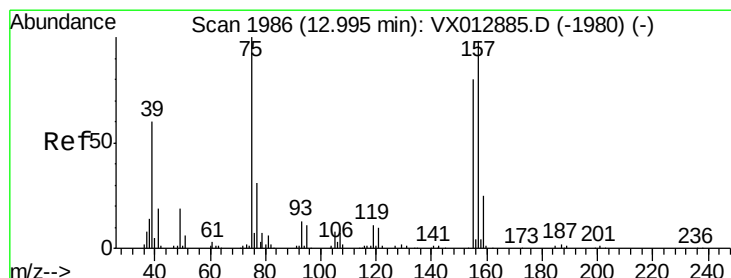
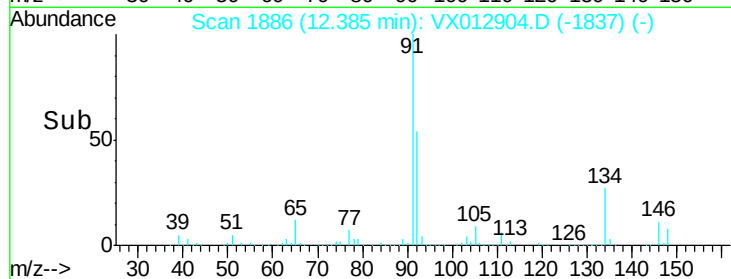
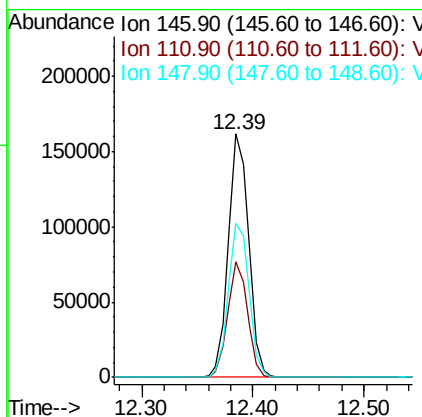
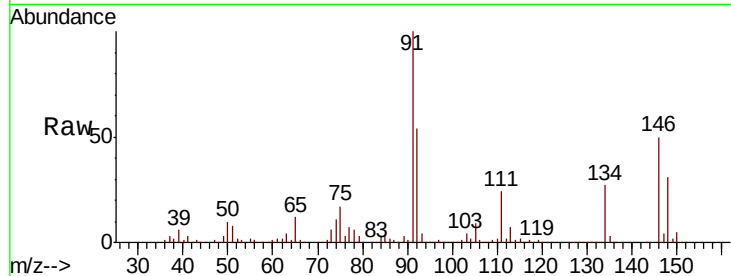
#91
 1,2-Dichlorobenzene
 Concen: 51.403 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.7	68.0
148	64.5	31.6	94.7

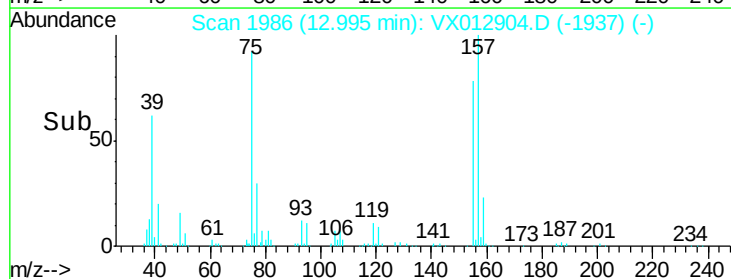
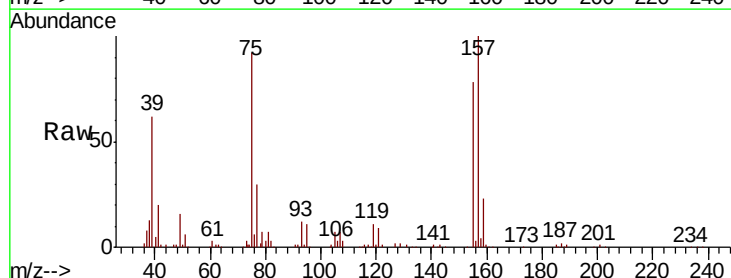
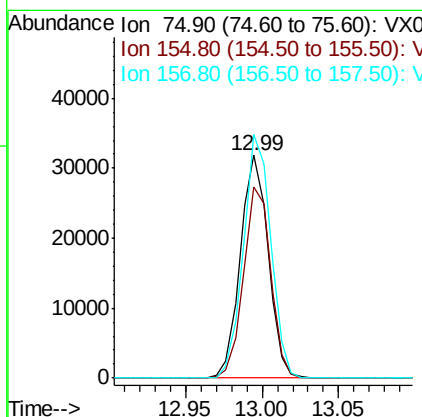
Manual Integrations
 APPROVED

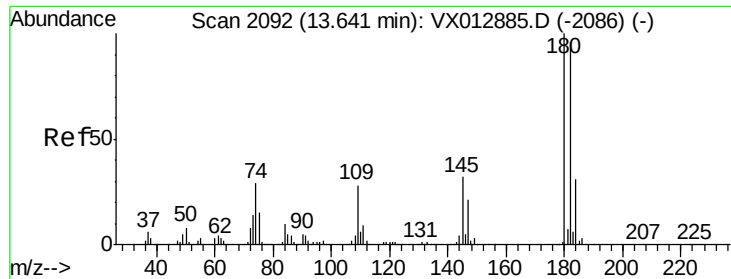
MMDadoda
 10/9/2019 10:39:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.487 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.0	128.8
157	107.7	54.1	162.3





#93

1,2,4-Trichlorobenzene

Concen: 52.865 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

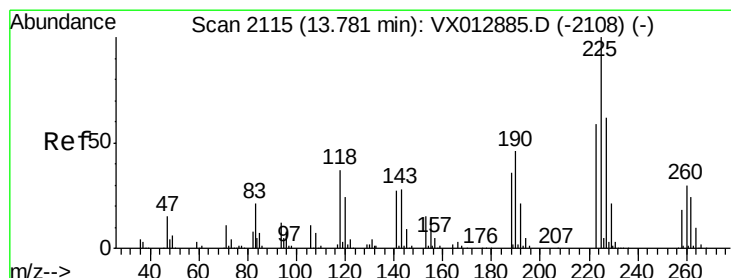
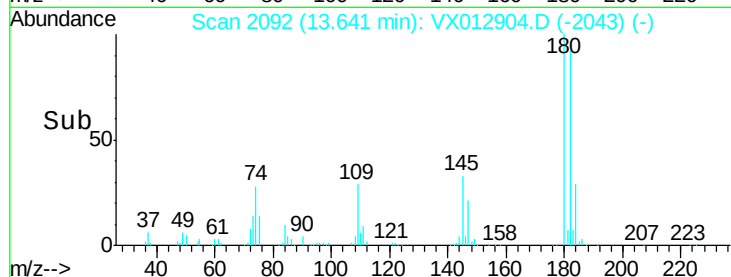
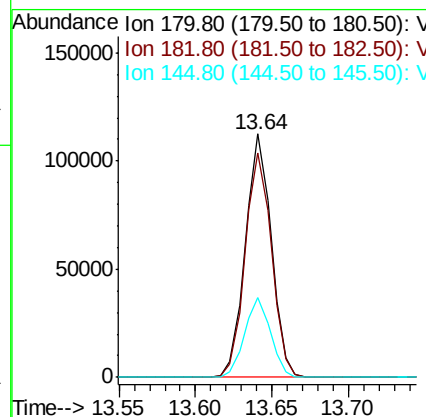
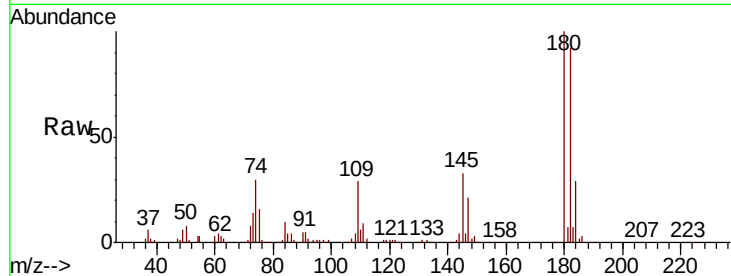
ClientSampled :

VSTDCCC050

Tot Ion:	180	Resp:	132318
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.8	140.4
145	32.9	16.2	48.6

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:39:05 AM



#94

Hexachlorobutadiene

Concen: 51.161 ug/l

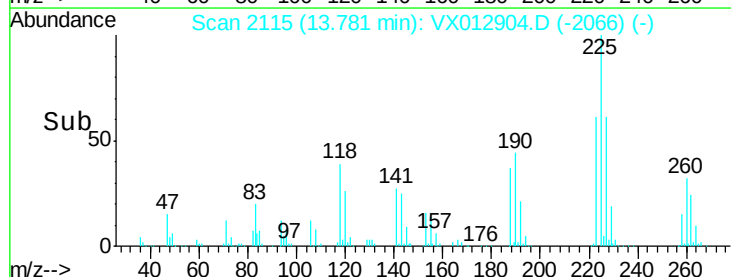
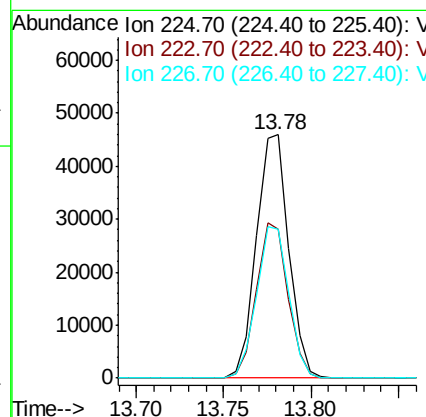
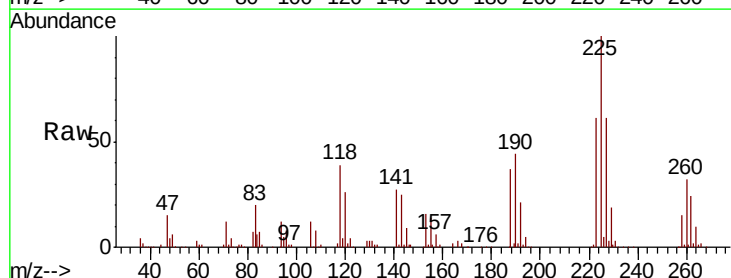
RT: 13.78 min Scan# 2115

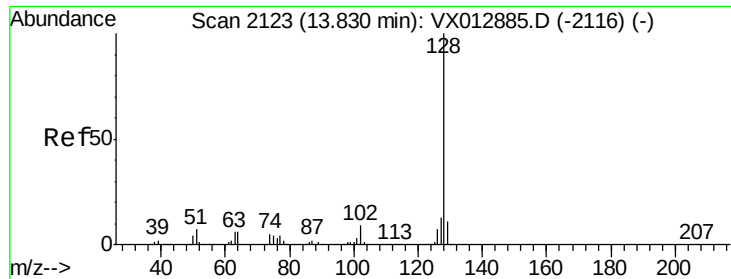
Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion:	225	Resp:	59097
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.1	93.2
227	62.1	32.3	96.9





#95

Naphthalene

Concen: 55.312 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

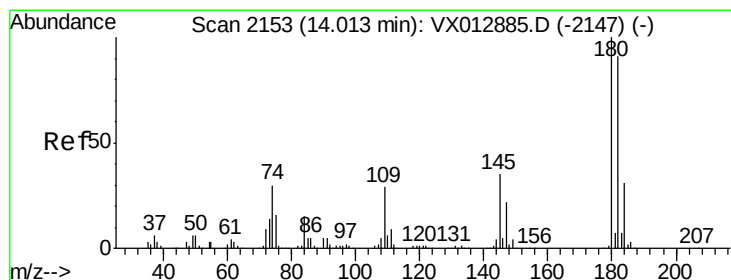
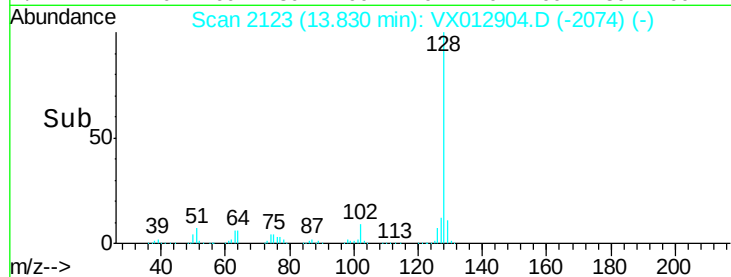
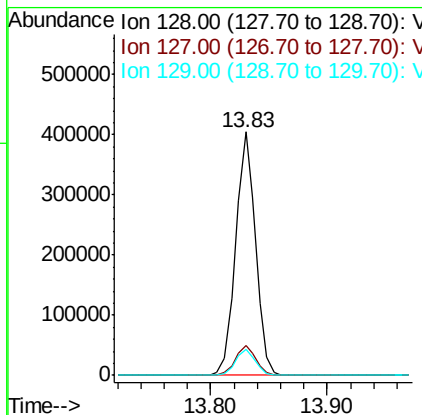
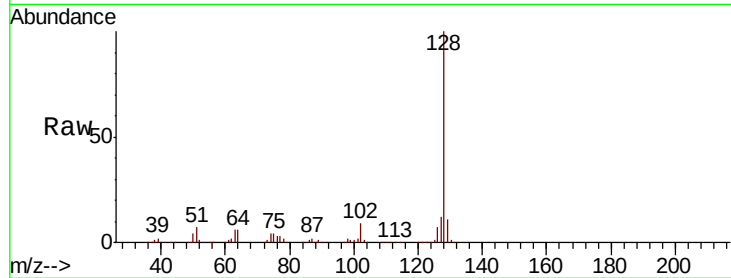
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	479912
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:39:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.123 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion:	180	Resp:	134818
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.5	142.5
145	34.7	17.4	52.3

