

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010476.D
 Acq On : 27 Jun 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:37:27 AM

Quant Time: Jun 28 06:57:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	269528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	385234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114287	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.49	113	116016	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	434810	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.13	95	157924	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84267	44.970	ug/l	100
3) Chloromethane	1.32	50	91919	42.127	ug/l	99
4) Vinyl Chloride	1.41	62	103307	43.226	ug/l	97
5) Bromomethane	1.64	94	53402	45.865	ug/l	100
6) Chloroethane	1.71	64	66580	47.220	ug/l	96
7) Trichlorofluoromethane	1.92	101	179716	47.436	ug/l	100
8) Diethyl Ether	2.18	74	64802	47.696	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108230	47.141	ug/l	100
10) Methyl Iodide	2.51	142	152877	46.658	ug/l	98
11) Tert butyl alcohol	3.05	59	133860	202.432	ug/l	98
12) 1,1-Dichloroethene	2.37	96	104793	44.856	ug/l	99
13) Acrolein	2.29	56	89207	203.362	ug/l	99
14) Allyl chloride	2.73	41	152881	46.094	ug/l	99
15) Acrylonitrile	3.14	53	301428	230.236	ug/l	100
16) Acetone	2.44	43	351504	277.539	ug/l	97
17) Carbon Disulfide	2.57	76	255482	40.762	ug/l	99
18) Methyl Acetate	2.77	43	115311	45.682	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	344490	46.873	ug/l	98
20) Methylene Chloride	2.85	84	120300	46.156	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	112874	44.923	ug/l	98
22) Diisopropyl ether	3.85	45	326509	47.084	ug/l	90
23) Vinyl Acetate	3.81	43	1441326	240.593	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188525	47.032	ug/l	100
25) 2-Butanone	4.67	43	468054	251.940	ug/l	100
26) 2,2-Dichloropropane	4.57	77	166231	47.739	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	135634	46.713	ug/l	99
28) Bromochloromethane	5.01	49	83672	43.659	ug/l	100
29) Tetrahydrofuran	5.12	42	260572	226.440	ug/l	100
30) Chloroform	5.21	83	202664	46.991	ug/l	98
31) Cyclohexane	5.57	56	167155	45.793	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	180774	47.469	ug/l	100
36) 1,1-Dichloropropene	5.79	75	147768	48.270	ug/l	99
37) Ethyl Acetate	4.82	43	153872	48.859	ug/l	99
38) Carbon Tetrachloride	5.77	117	161193	48.626	ug/l	97

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Manual Integrations
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Quant Time: Jun 28 06:57:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196098	48.732	ug/l	98
40) Benzene	6.14	78	464769	48.732	ug/l	100
41) Methacrylonitrile	5.04	41	84454	48.875	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146687	50.526	ug/l	100
43) Isopropyl Acetate	6.44	43	256152	49.161	ug/l	99
44) Trichloroethene	7.21	130	138456	48.516	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116327	48.300	ug/l	99
46) Dibromomethane	7.66	93	85069	49.230	ug/l	99
47) Bromodichloromethane	7.89	83	158523	50.058	ug/l	98
48) Methyl methacrylate	7.76	41	119753	49.445	ug/l	99
49) 1,4-Dioxane	7.74	88	65853	943.871	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	820970	246.357	ug/l	99
52) Toluene	8.78	92	305863	48.699	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	175970	49.563	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193046	50.034	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129702	50.072	ug/l	98
56) Ethyl methacrylate	9.18	69	194683	49.614	ug/l	98
57) 1,3-Dichloropropane	9.37	76	197652	49.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	455477	244.409	ug/l	99
59) 2-Hexanone	9.49	43	667163	254.376	ug/l	99
60) Dibromochloromethane	9.58	129	146546	50.529	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138982	49.709	ug/l	99
64) Tetrachloroethene	9.34	164	139127	48.986	ug/l	97
65) Chlorobenzene	10.13	112	353784	49.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	132181	50.904	ug/l	100
67) Ethyl Benzene	10.25	91	600825	49.923	ug/l	99
68) m/p-Xylenes	10.35	106	464760	99.664	ug/l	100
69) o-Xylene	10.69	106	226881	49.474	ug/l	100
70) Styrene	10.71	104	392068	50.980	ug/l	100
71) Bromoform	10.85	173	115166	51.001	ug/l #	100
73) Isopropylbenzene	11.02	105	611287	48.887	ug/l	99
74) N-amyl acetate	10.90	43	229408	48.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	194187	46.894	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	164499m	48.939	ug/l	
77) Bromobenzene	11.25	156	167203	47.889	ug/l	99
78) n-propylbenzene	11.36	91	691235	50.299	ug/l	100
79) 2-Chlorotoluene	11.42	91	401007	49.003	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	513991	49.863	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65323	45.337	ug/l	97
82) 4-Chlorotoluene	11.51	91	462241	49.641	ug/l	99
83) tert-Butylbenzene	11.77	119	515911	49.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	517384	49.958	ug/l	99
85) sec-Butylbenzene	11.94	105	610905	50.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	562193	50.034	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297220	48.768	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295136	47.567	ug/l	99
89) n-Butylbenzene	12.38	91	493025	51.636	ug/l	100
90) Hexachloroethane	12.59	117	98420	50.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	289001	47.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40437	45.291	ug/l	95

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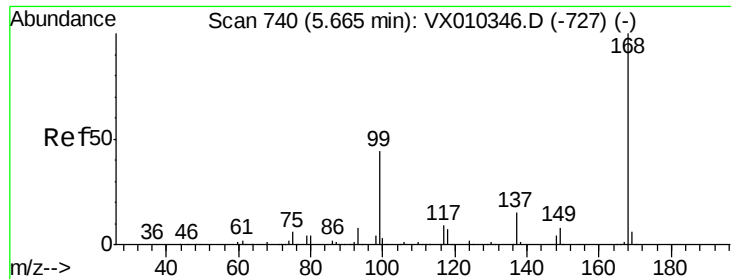
Manual Integrations
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6/28/2019 10:37:27 AM

Quant Time: Jun 28 06:57:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212841	50.669	ug/l	99
94) Hexachlorobutadiene	13.78	225	105122	51.204	ug/l	100
95) Naphthalene	13.83	128	629094	48.734	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	211161	50.559	ug/l	99

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



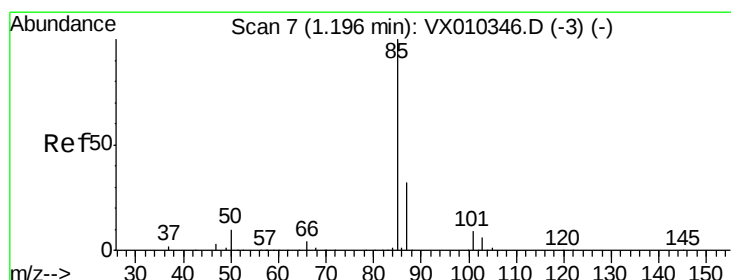
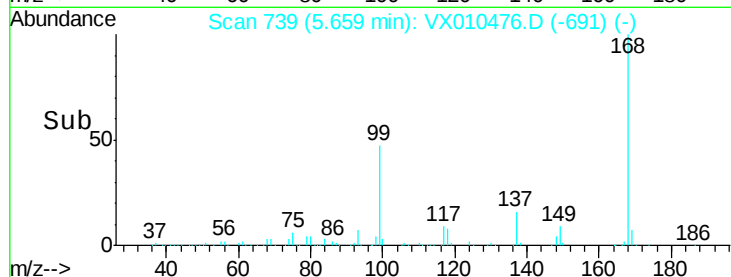
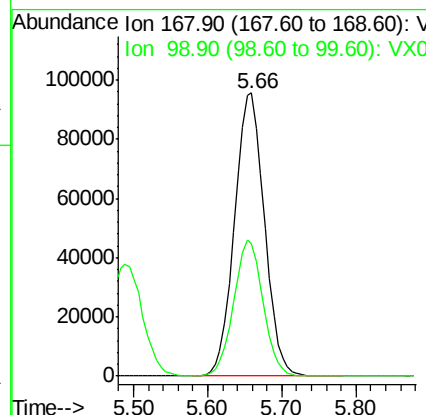
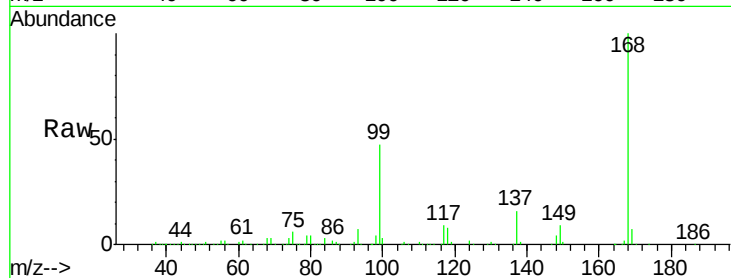
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.5	35.5	53.3

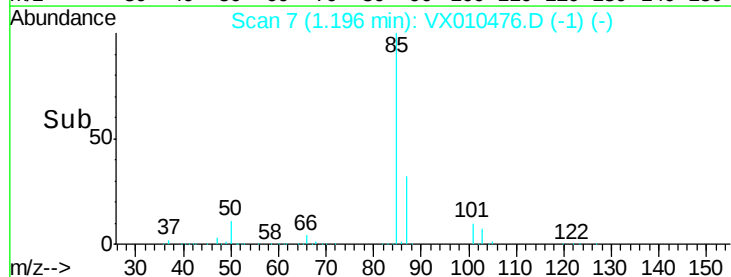
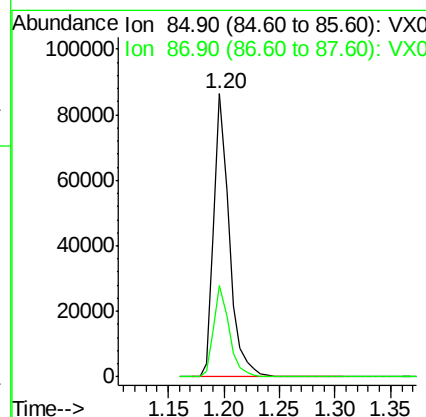
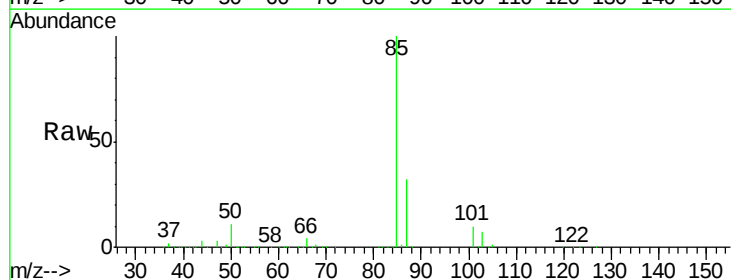
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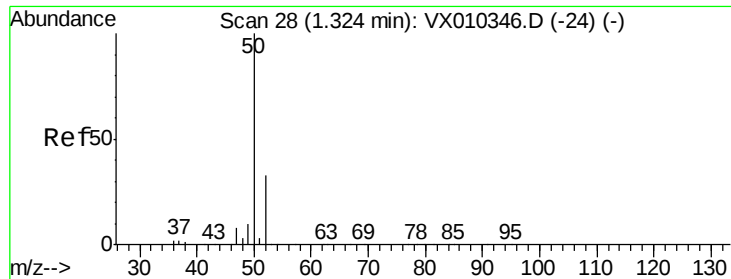
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#2
Dichlorodifluoromethane
Concen: 44.970 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.3	48.8





#3

Chloromethane

Concen: 42.127 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 91919

Ion Ratio Lower Upper

50 100

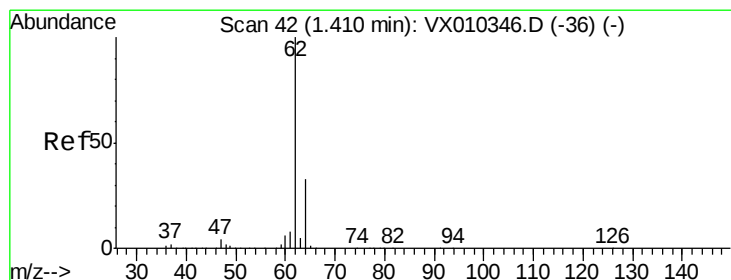
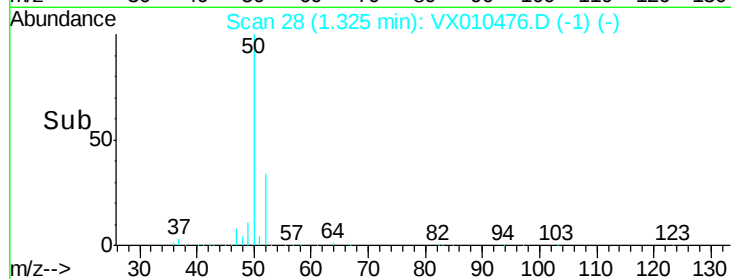
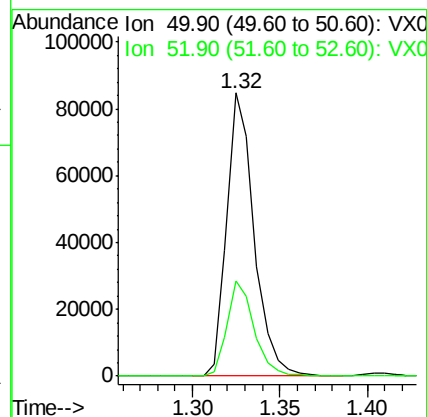
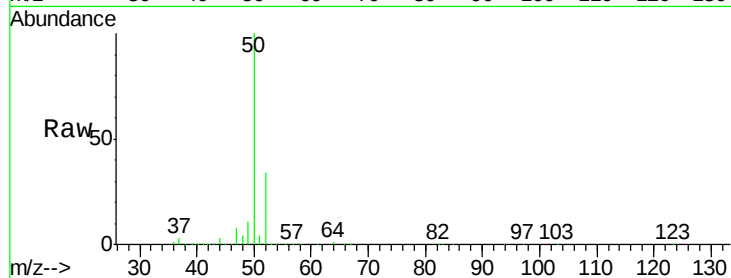
52 33.6 26.5 39.7

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#4

Vinyl Chloride

Concen: 43.226 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010476.D

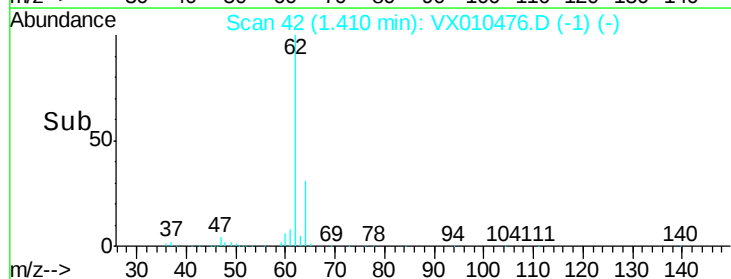
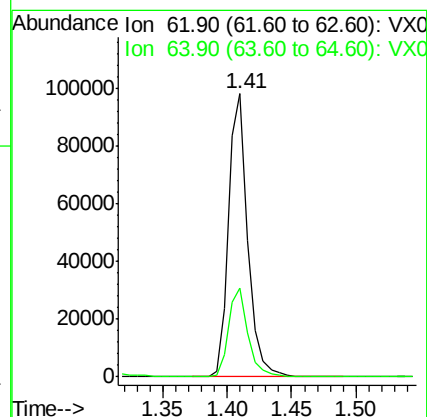
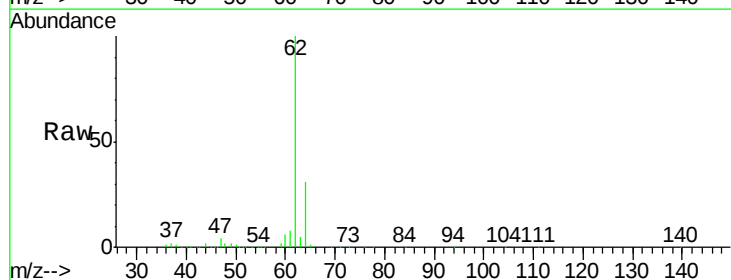
Acq: 27 Jun 2019 09:47

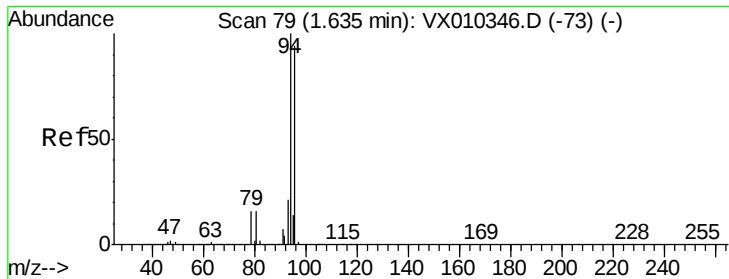
Tgt Ion: 62 Resp: 103307

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.4





#5

Bromomethane

Concen: 45.865 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53402

Ion Ratio Lower Upper

94 100

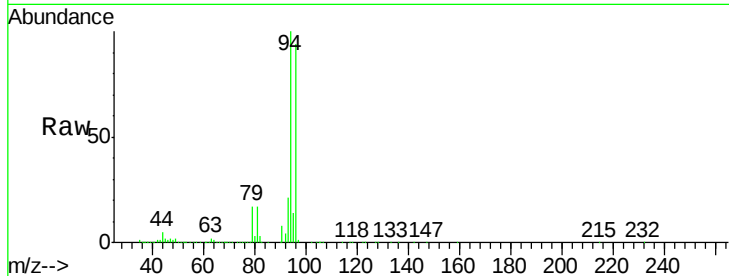
96 94.0 75.5 113.3

Manual Integrations

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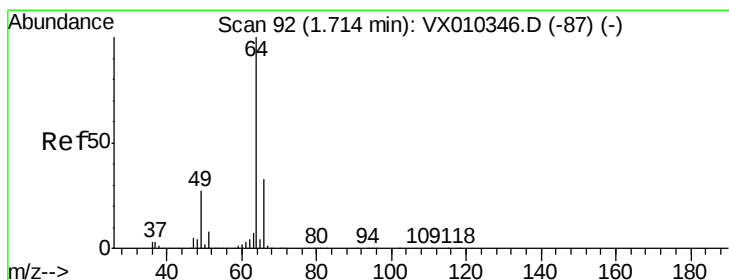
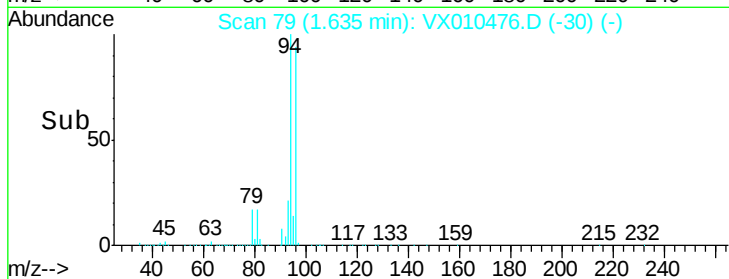
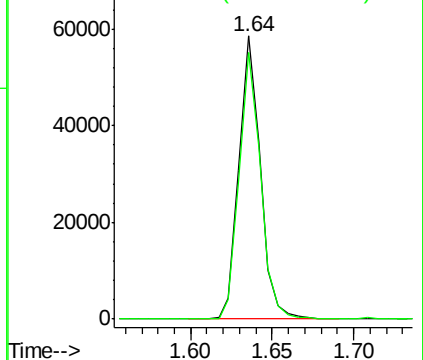
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.220 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010476.D

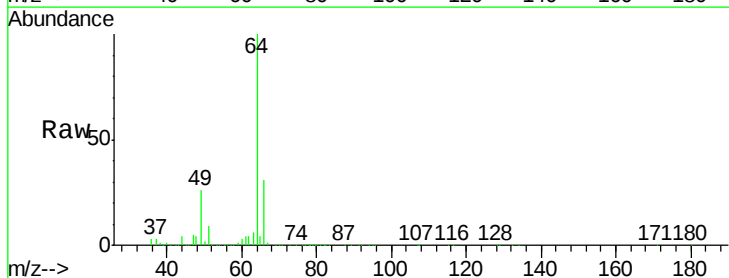
Acq: 27 Jun 2019 09:47

Tgt Ion: 64 Resp: 66580

Ion Ratio Lower Upper

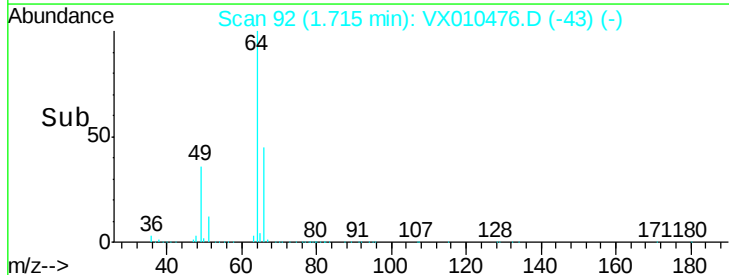
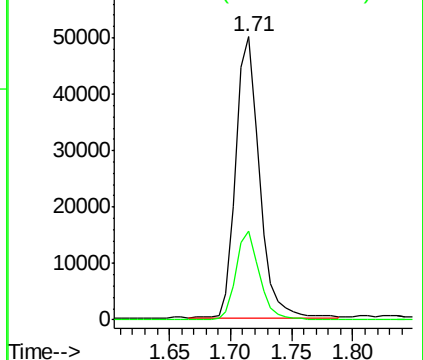
64 100

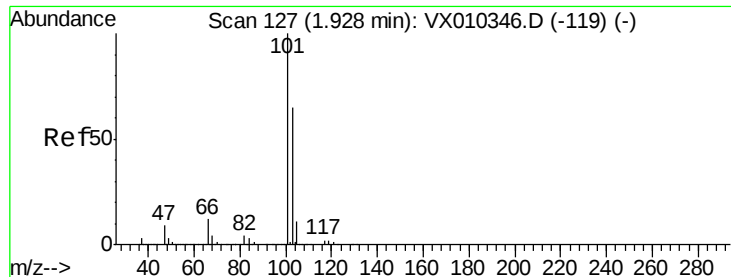
66 31.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

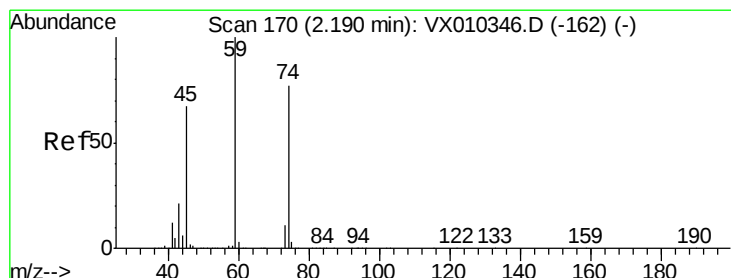
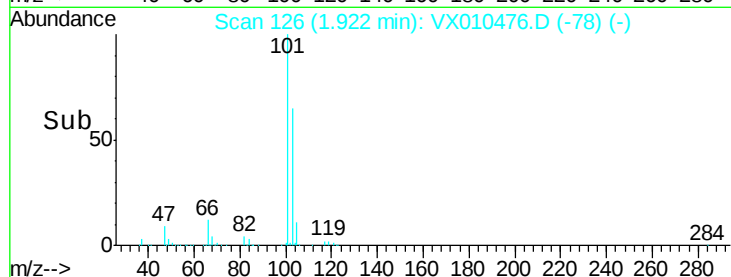
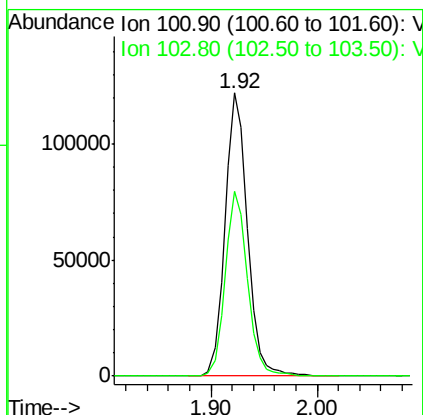
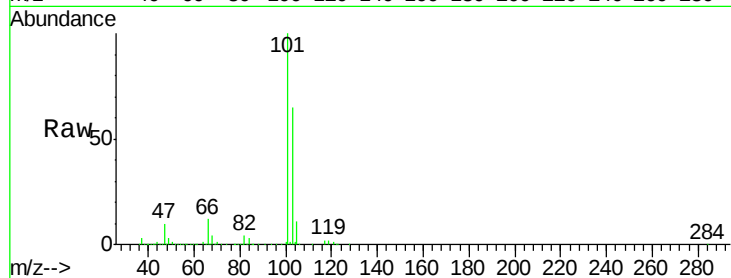
Trichlorofluoromethane
Concen: 47.436 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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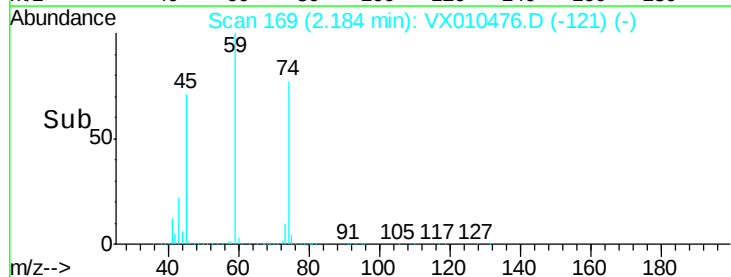
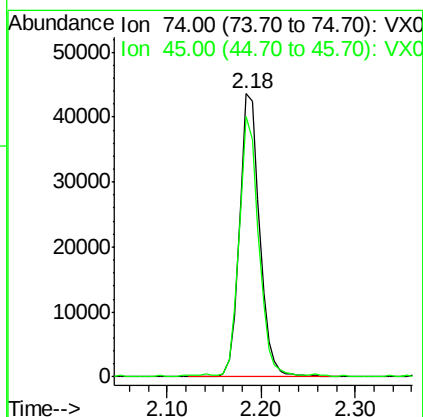
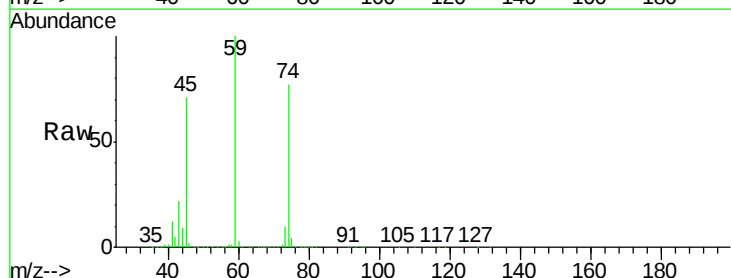
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#8

Diethyl Ether
Concen: 47.696 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.141 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

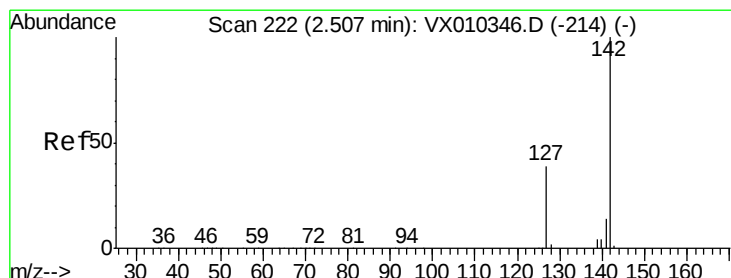
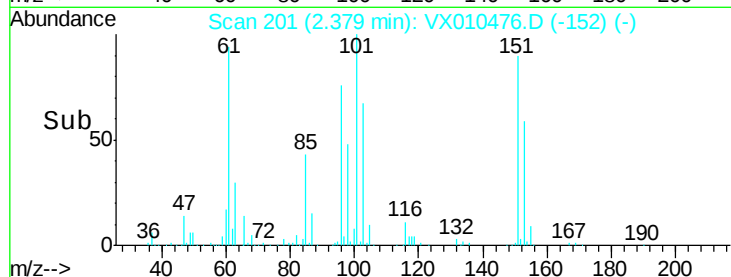
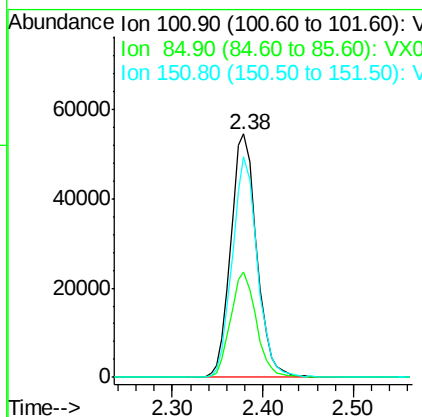
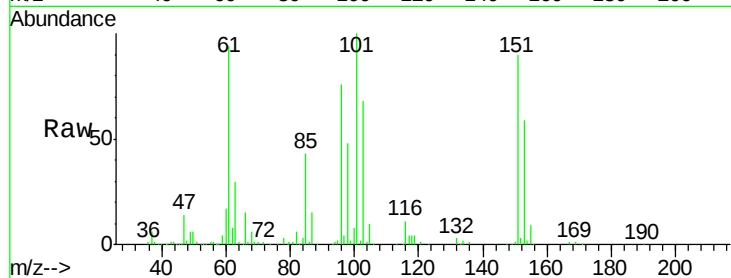
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	108230
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.7	50.5
151	87.7	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 46.658 ug/l

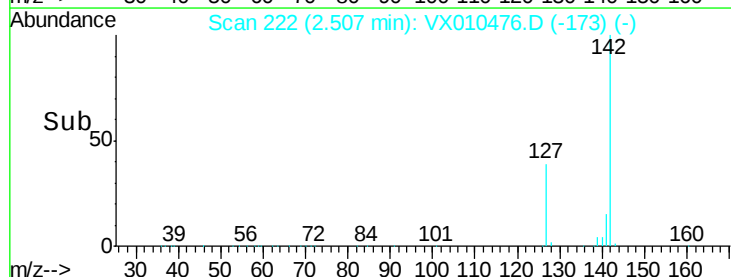
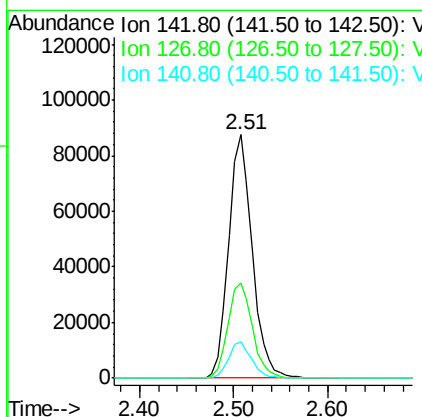
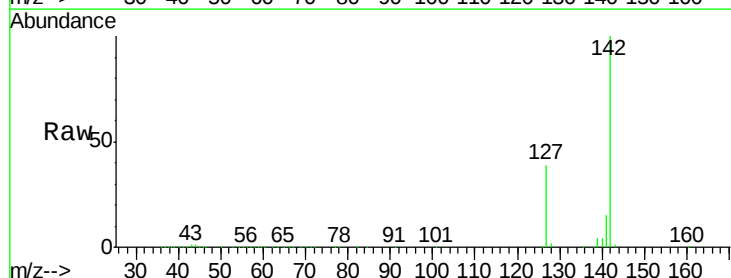
RT: 2.51 min Scan# 222

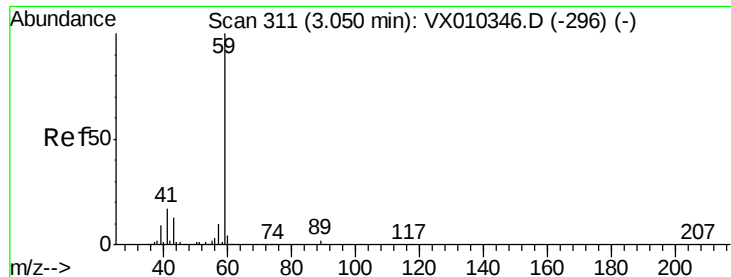
Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion:	142	Resp:	152877
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.1	46.7
141	14.6	11.2	16.8





#11

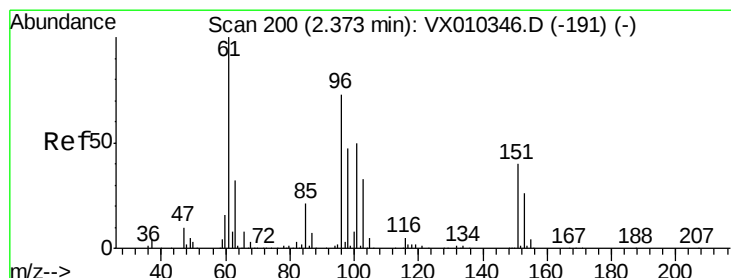
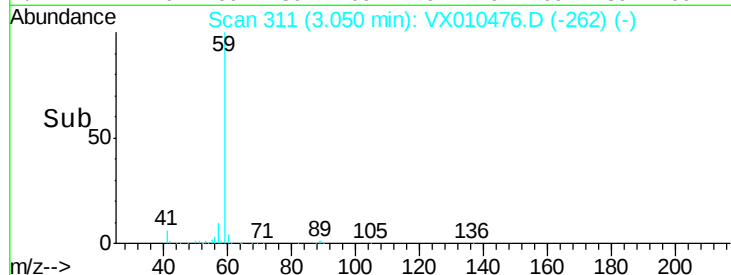
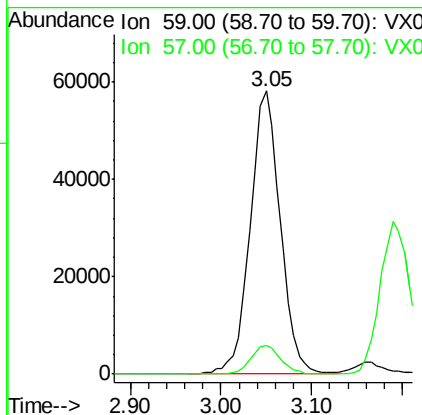
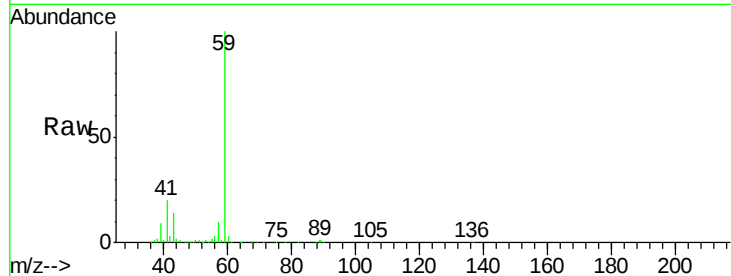
Tert butyl alcohol
Concen: 202.432 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	133860
Ion Ratio	100	Lower	Upper
57	10.3	7.7	11.5

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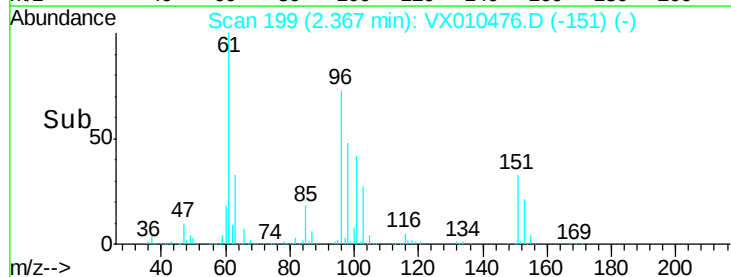
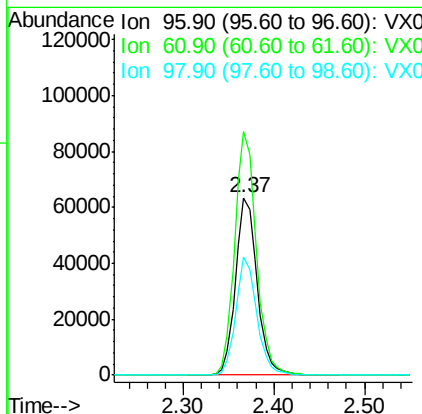
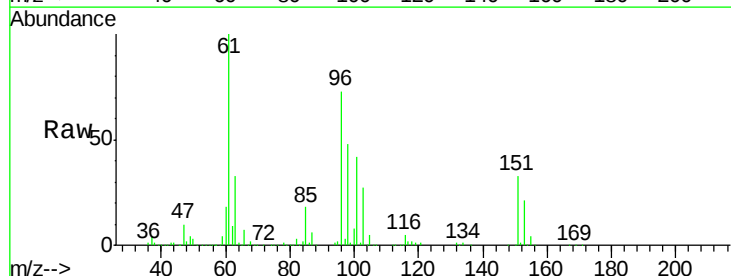
MMDadoda
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#12

1,1-Dichloroethene
Concen: 44.856 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	96	Resp	104793
Ion Ratio	100	Lower	Upper
61	137.1	109.2	163.8
98	66.3	51.1	76.7





#13

Acrolein

Concen: 203.362 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 89207

Ion Ratio Lower Upper

56 100

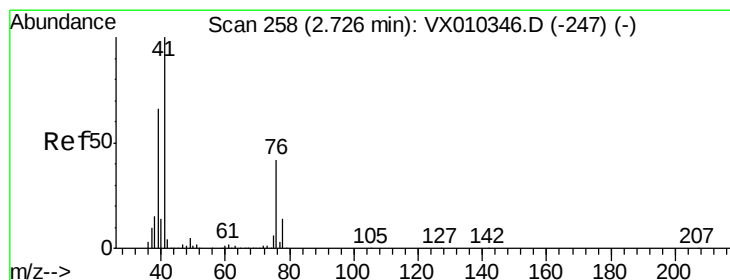
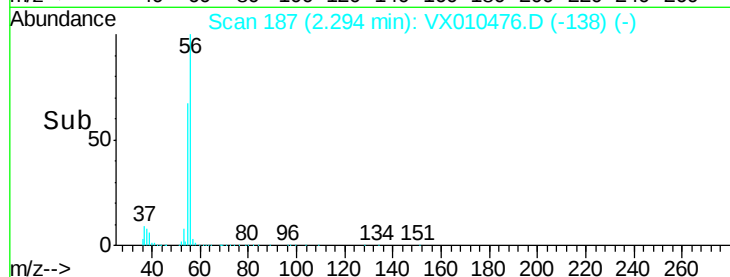
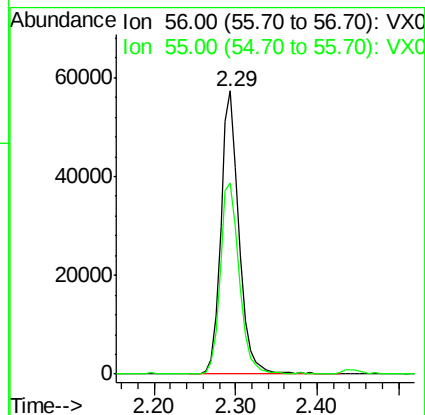
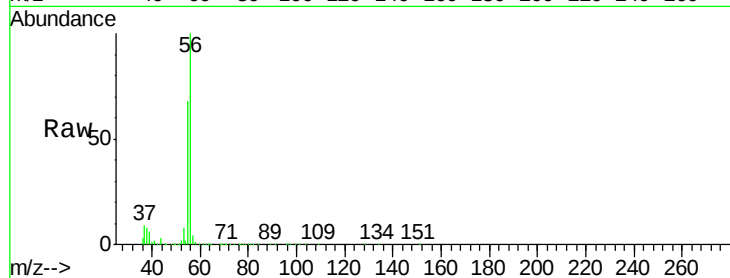
55 70.5 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 46.094 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

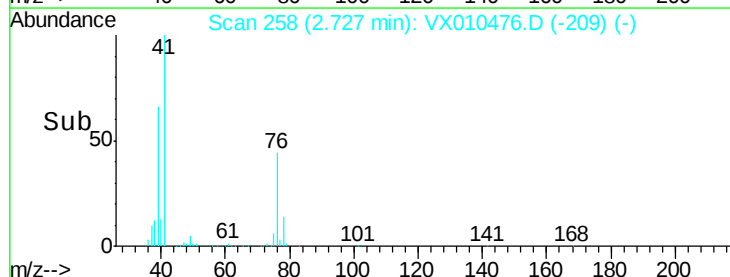
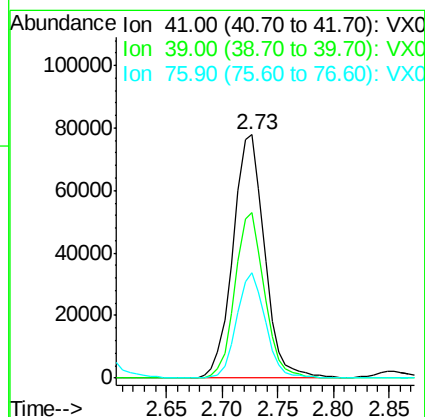
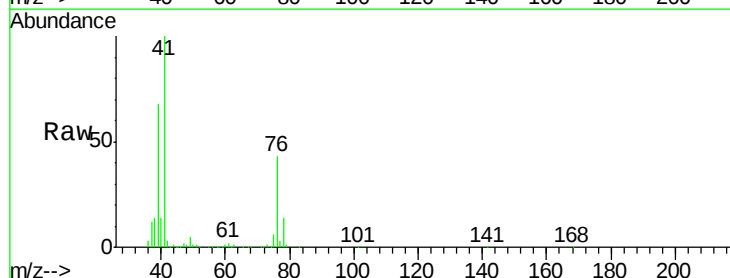
Tgt Ion: 41 Resp: 152881

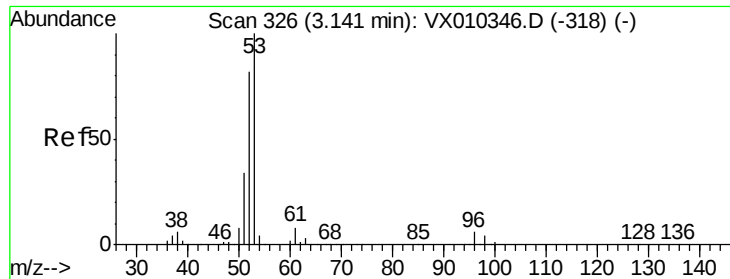
Ion Ratio Lower Upper

41 100

39 63.7 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 230.236 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

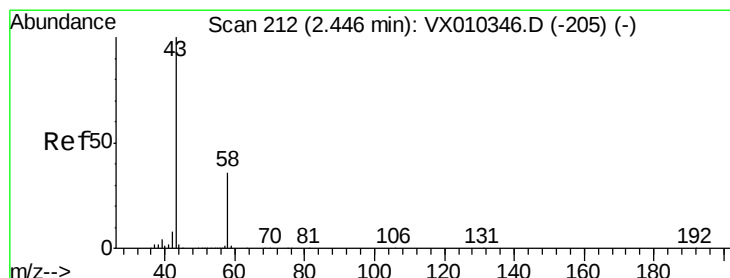
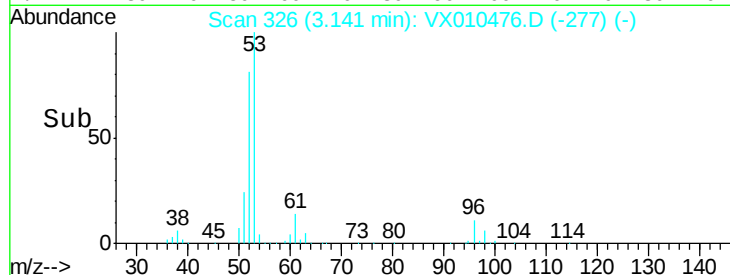
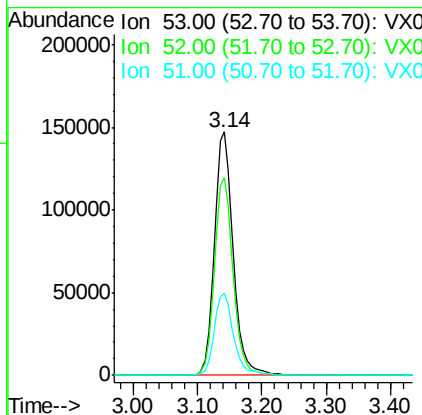
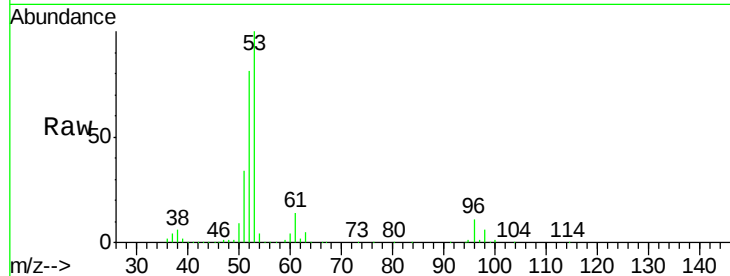
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	301428
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.5	98.3
51	34.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 277.539 ug/l

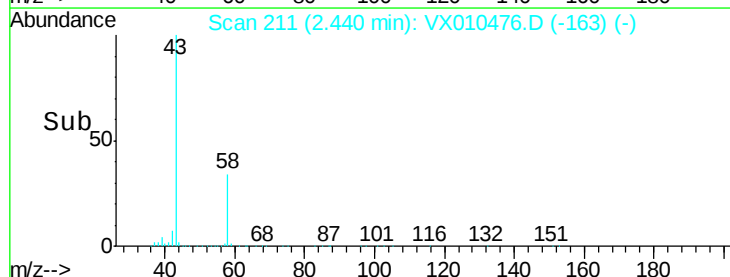
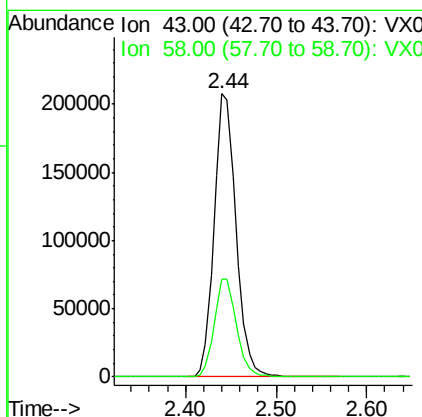
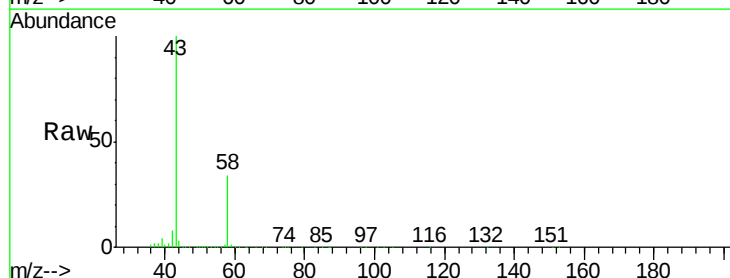
RT: 2.44 min Scan# 211

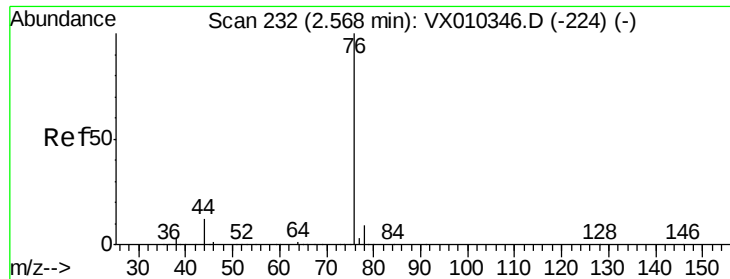
Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion:	43	Resp:	351504
Ion Ratio	Lower	Upper	
43	100		
58	34.4	28.9	43.3





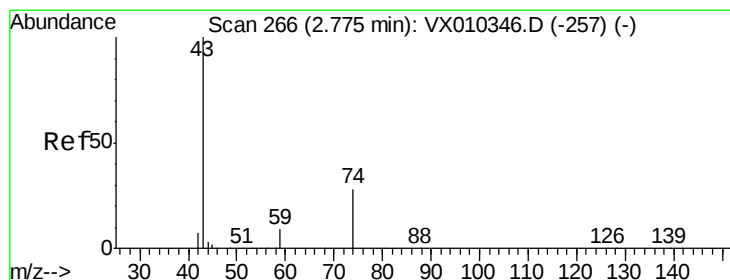
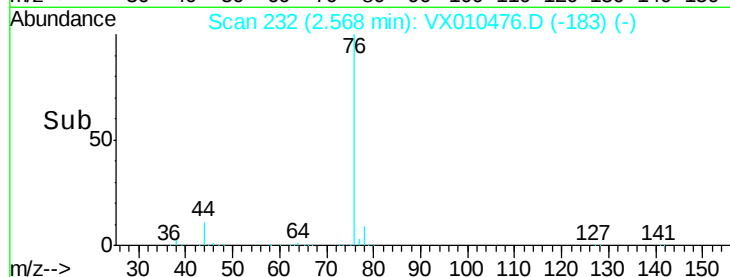
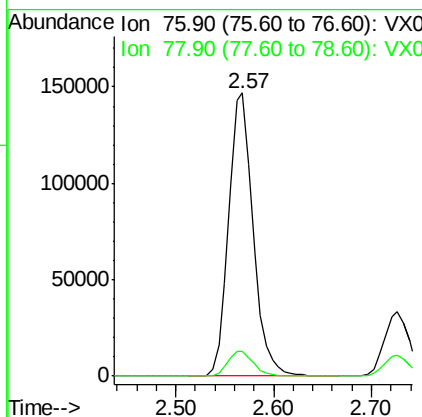
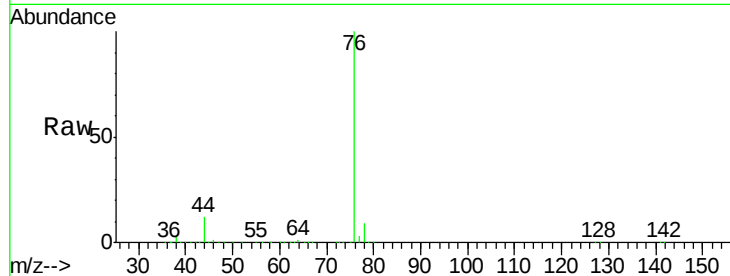
#17
Carbon Disulfide
Concen: 40.762 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

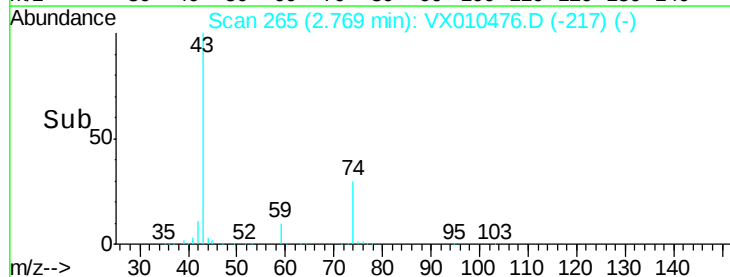
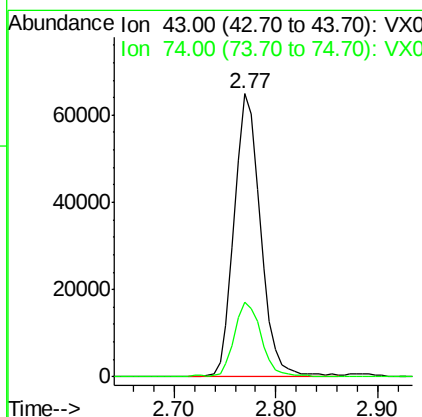
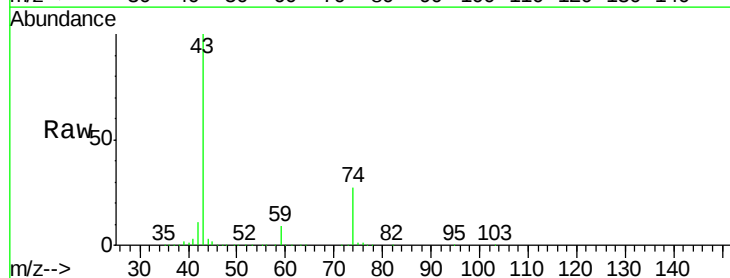
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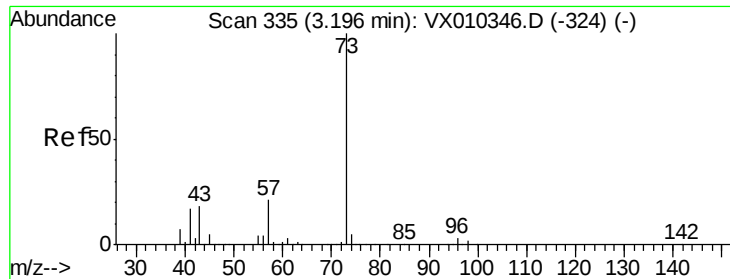
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#18
Methyl Acetate
Concen: 45.682 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.3	31.9





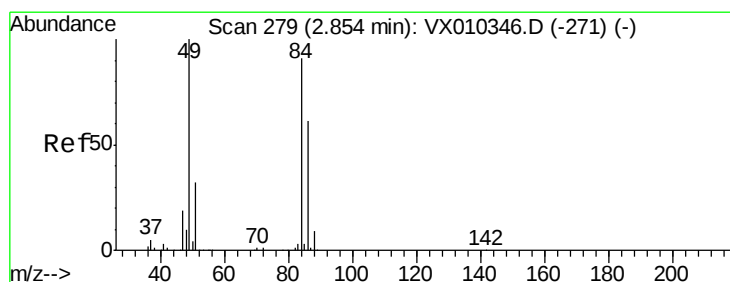
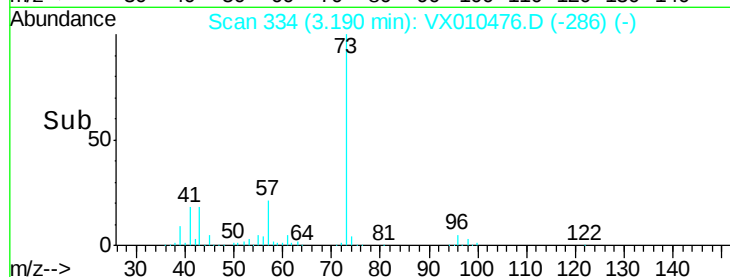
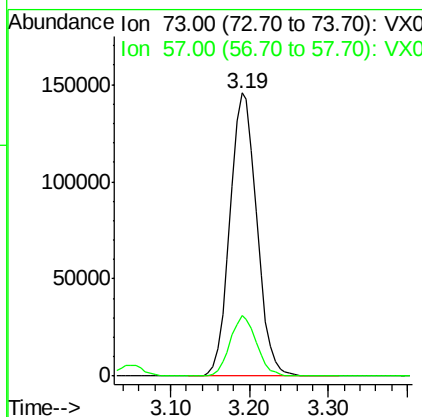
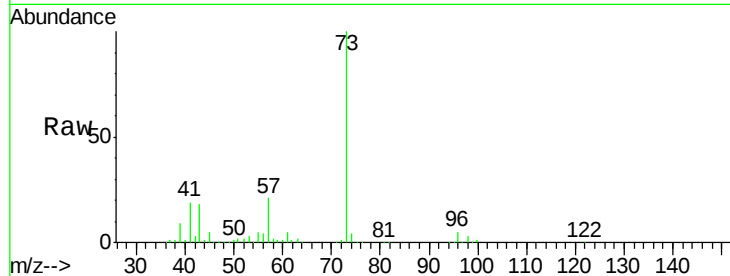
#19
Methvl tert-butvl Ether
Concen: 46.873 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 344490
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6

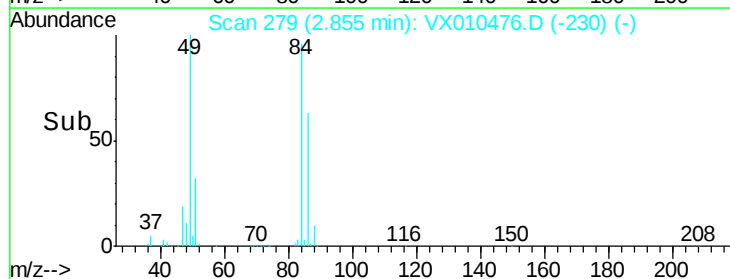
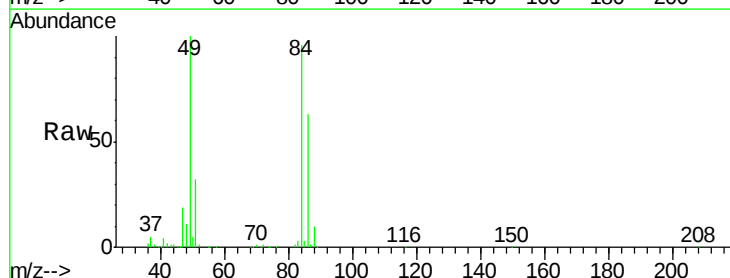
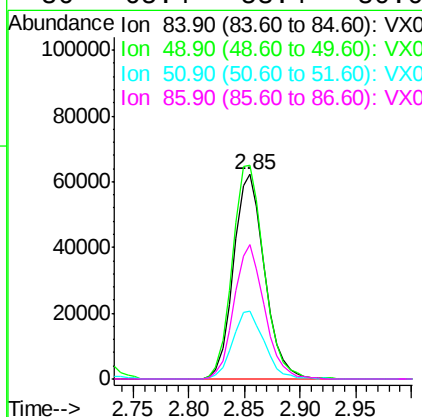
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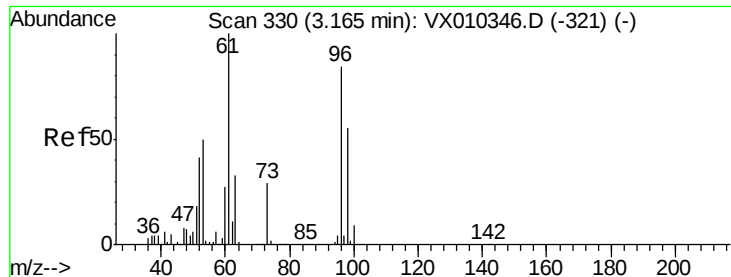
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#20
Methylene Chloride
Concen: 46.156 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 84 Resp: 120300
Ion Ratio Lower Upper
84 100
49 104.2 87.5 131.3
51 33.1 27.7 41.5
86 65.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 44.923 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

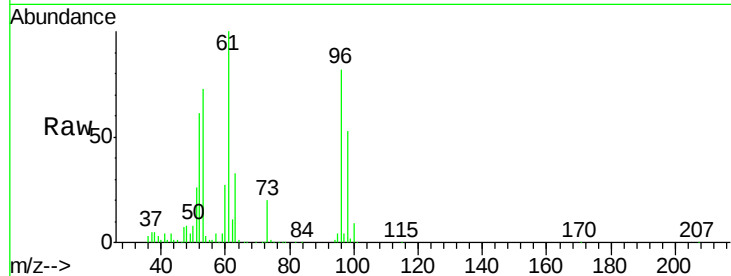
ClientSampleId :

VSTDCCC050

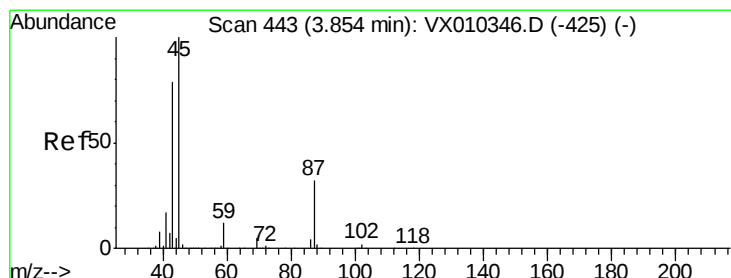
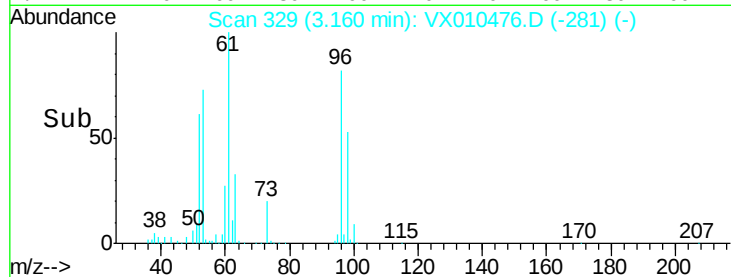
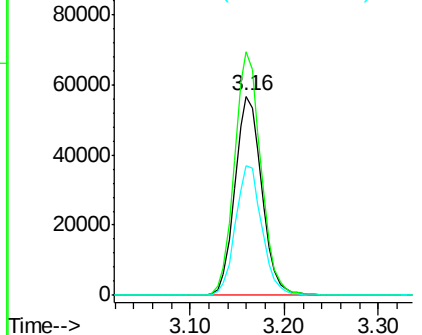
Tot Ion:	96	Resp:	112874
Ion	Ratio	Lower	Upper
96	100		
61	122.0	95.6	143.4
98	64.7	52.5	78.7

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.084 ug/l

RT: 3.85 min Scan# 443

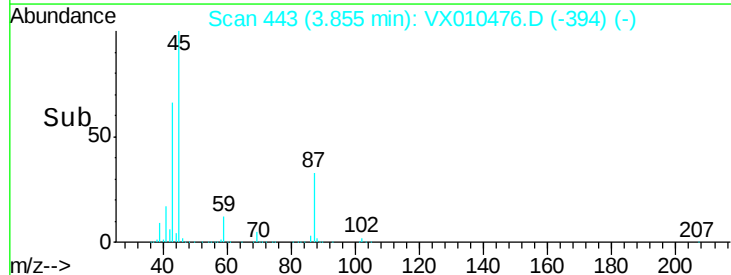
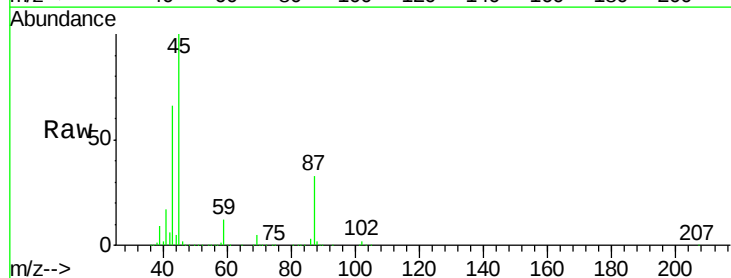
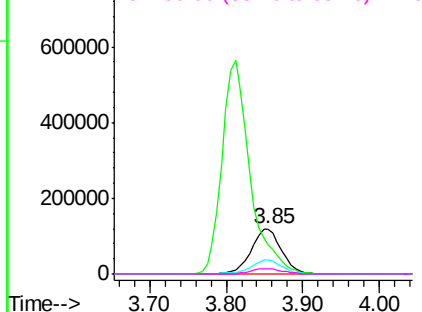
Delta R.T. 0.00 min

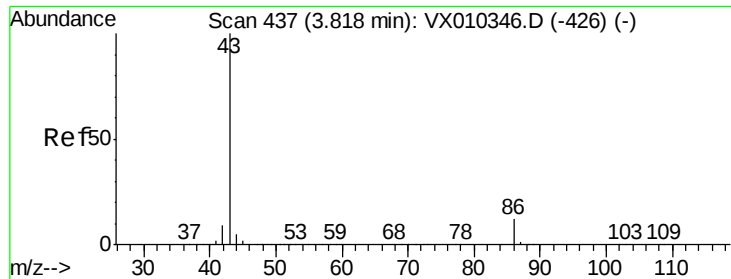
Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion:	45	Resp:	326509
Ion	Ratio	Lower	Upper
45	100		
43	65.7	63.3	94.9
87	32.8	25.8	38.8
59	12.2	9.6	14.4

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.593 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1441326

Ion Ratio Lower Upper

43 100

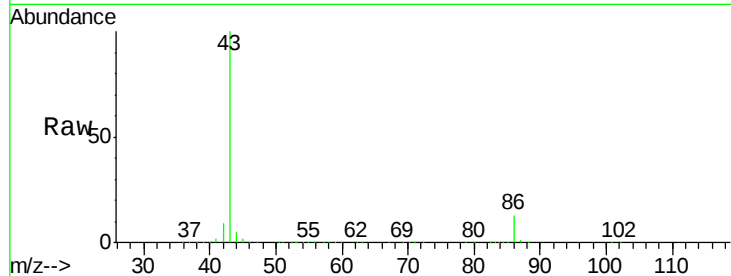
86 12.5 9.9 14.9

Manual Integrations

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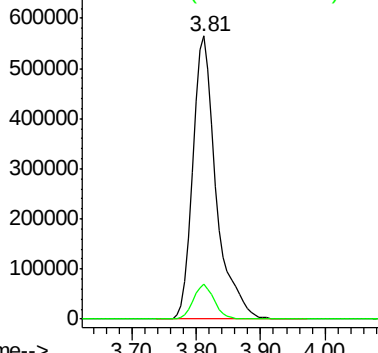
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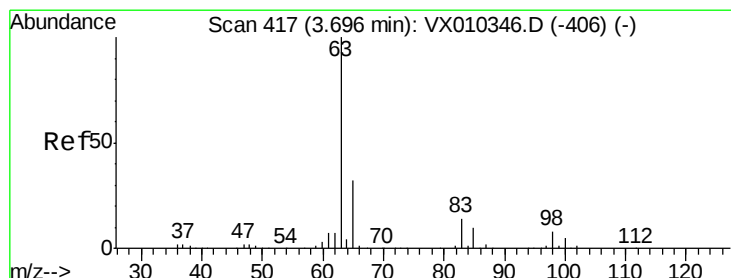
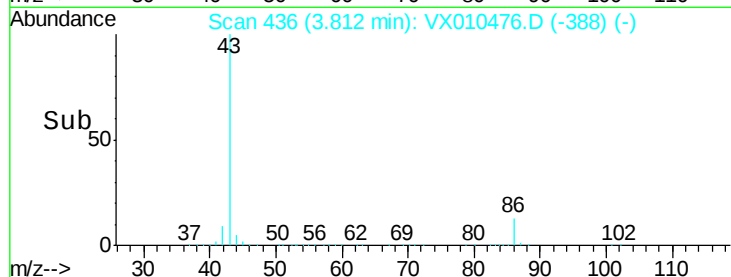


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 47.032 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

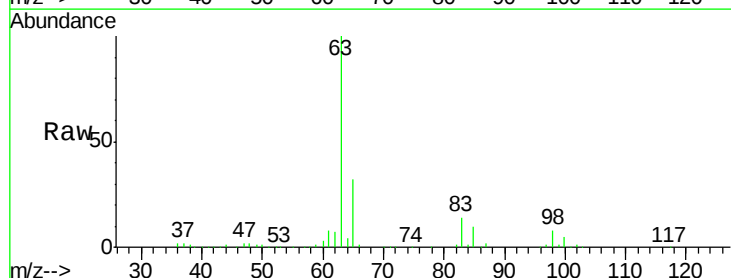
Tgt Ion: 63 Resp: 188525

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

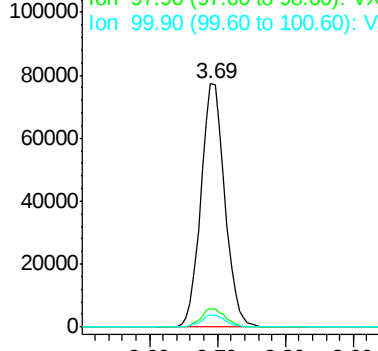
100 4.8 2.4 7.1



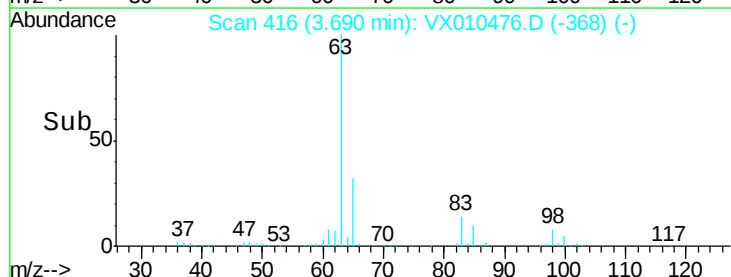
Abundance Ion 62.90 (62.60 to 63.60): VX0

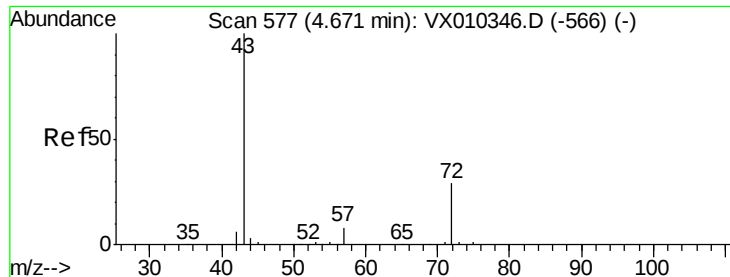
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 251.940 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 468054

Ion Ratio Lower Upper

43 100

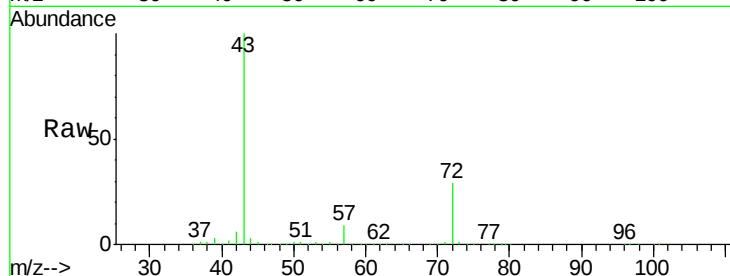
72 29.0 23.3 34.9

Manual Integrations

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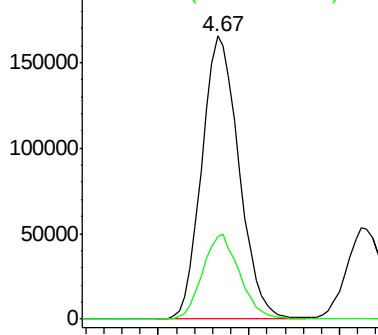
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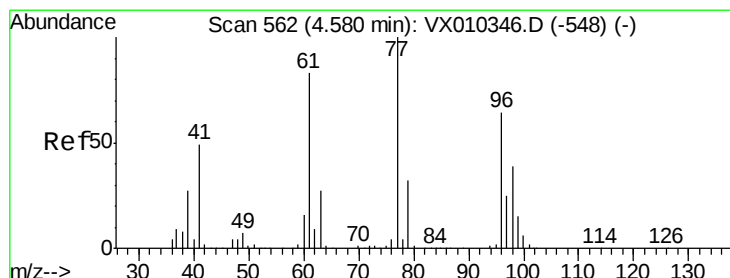
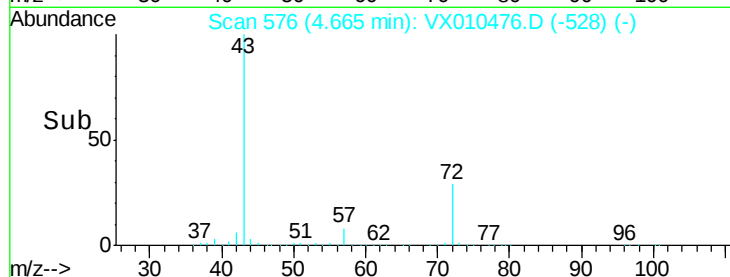


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 47.739 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010476.D

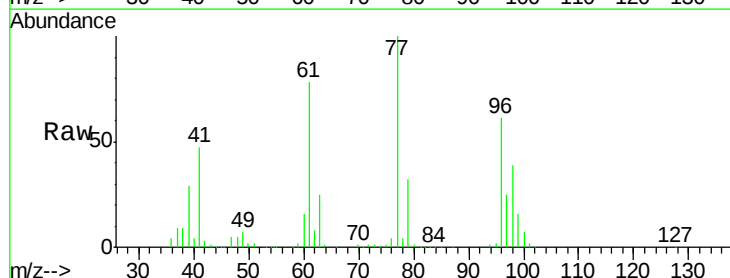
Acq: 27 Jun 2019 09:47

Tgt Ion: 77 Resp: 166231

Ion Ratio Lower Upper

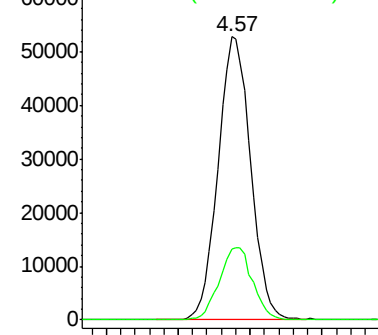
77 100

97 26.0 13.1 39.3

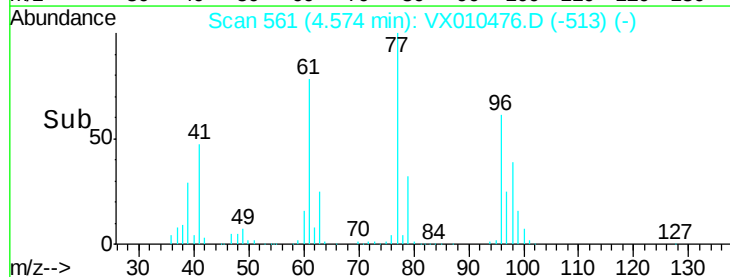


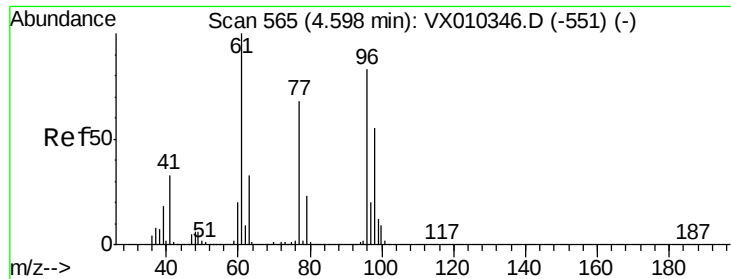
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

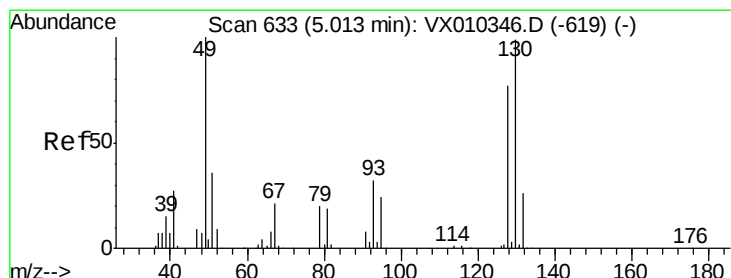
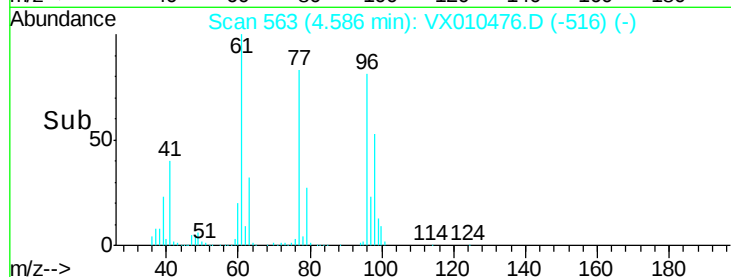
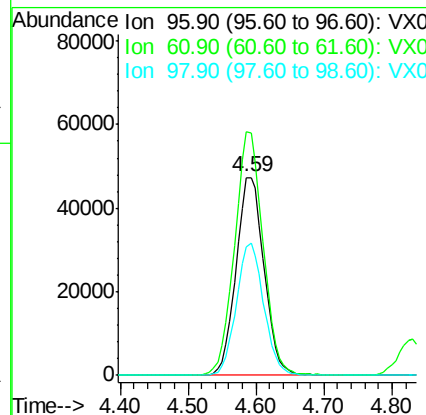
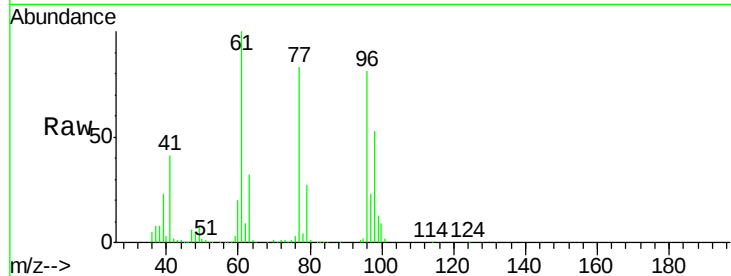
cis-1,2-Dichloroethene
 Concen: 46.713 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	135634		
61	124.9	0.0	251.8	
98	65.3	0.0	129.4	

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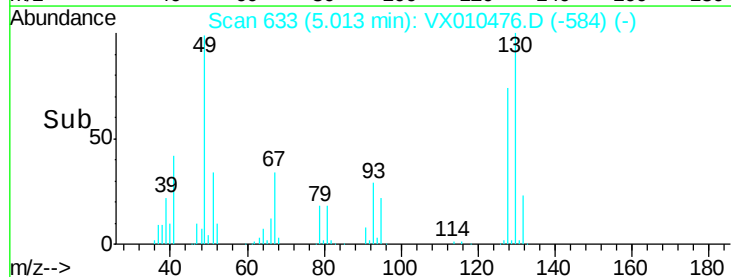
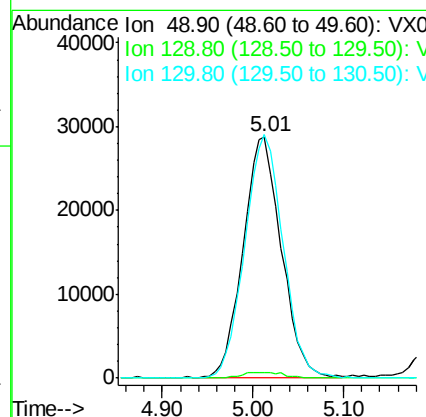
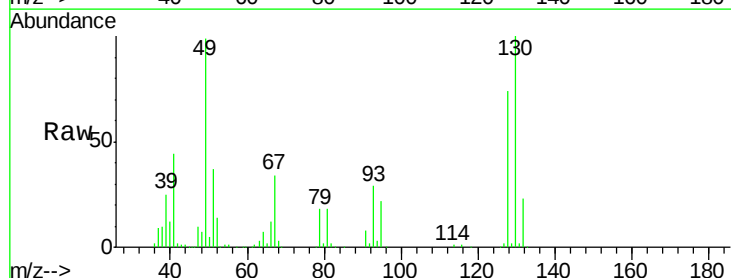
MMDadoda
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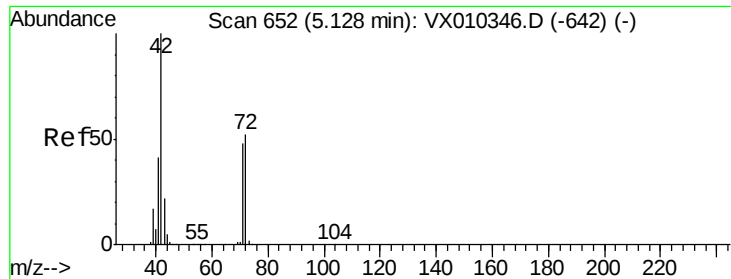


#28

Bromochloromethane
 Concen: 43.659 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83672		
129	2.7	0.0	5.6	
130	101.8	81.4	122.0	





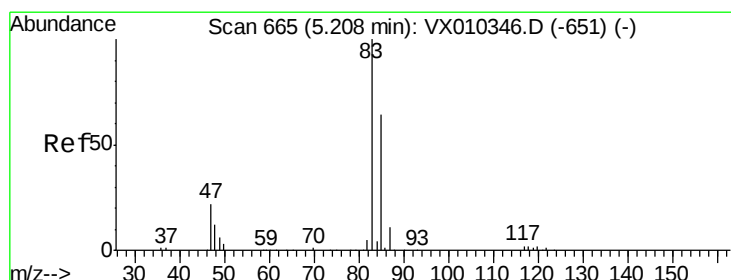
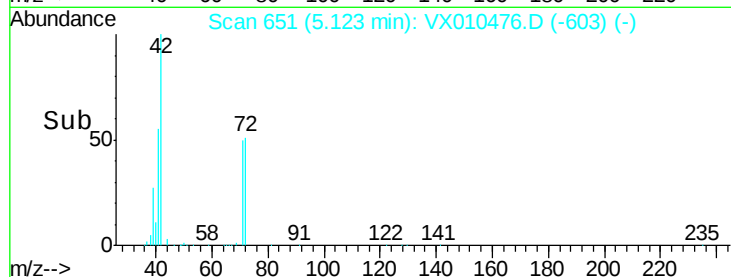
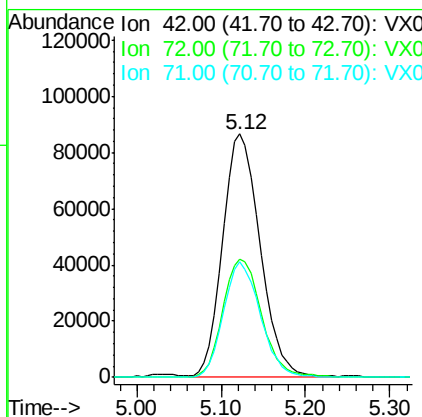
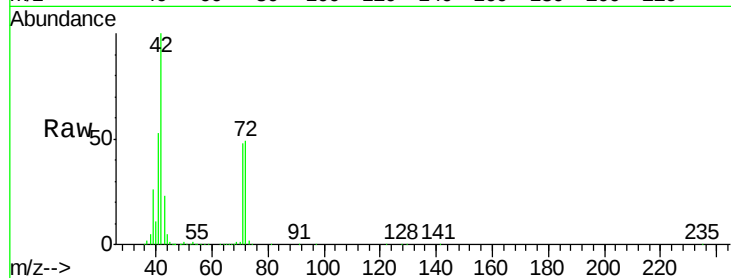
#29
Tetrahydrofuran
Concen: 226.440 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	40.6	60.8
71	46.8	37.8	56.8

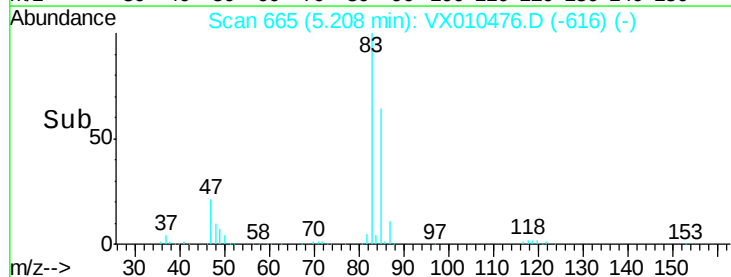
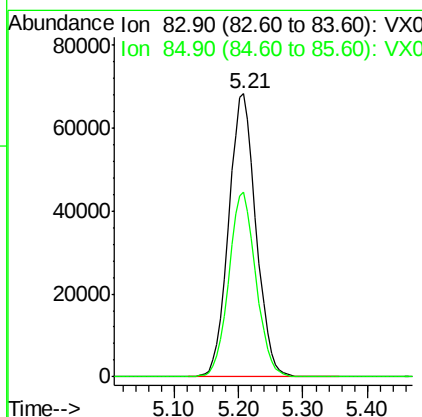
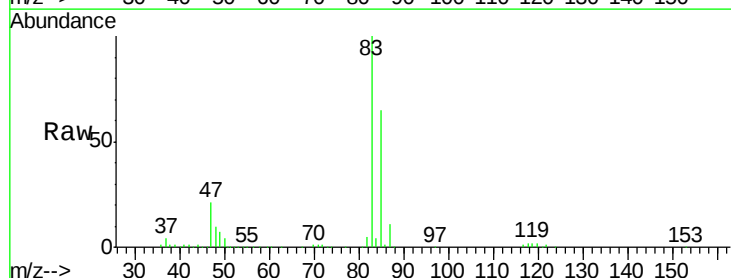
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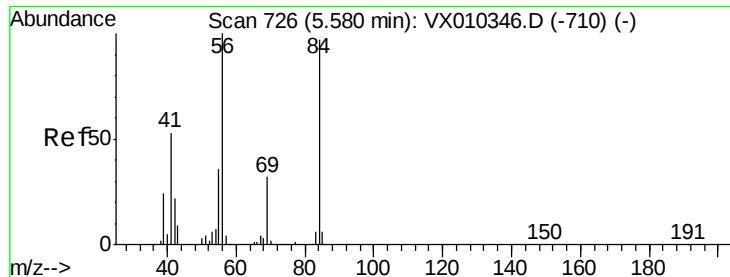
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#30
Chloroform
Concen: 46.991 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3





#31

Cyclohexane

Concen: 45.793 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

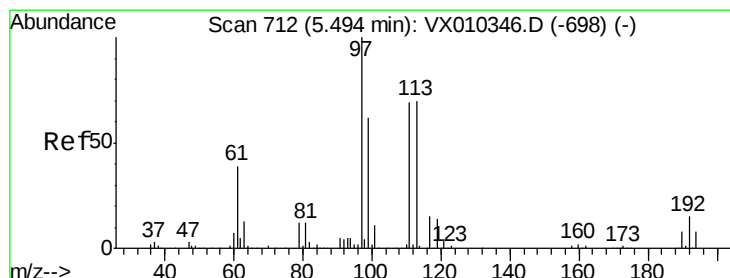
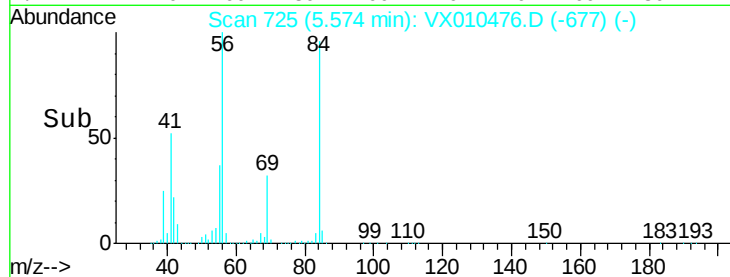
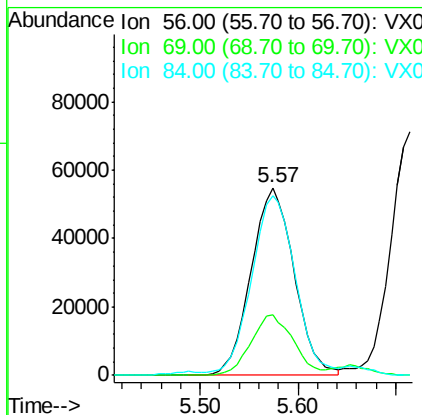
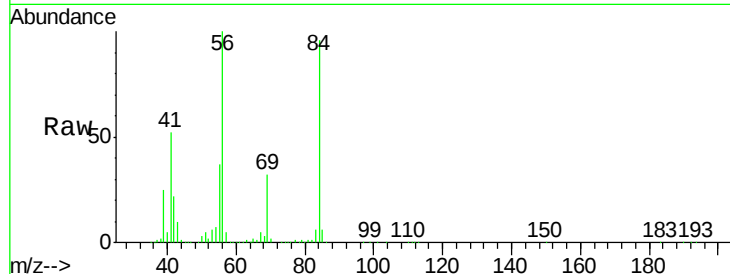
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	167155
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.9	38.9
84	93.9	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.469 ug/l

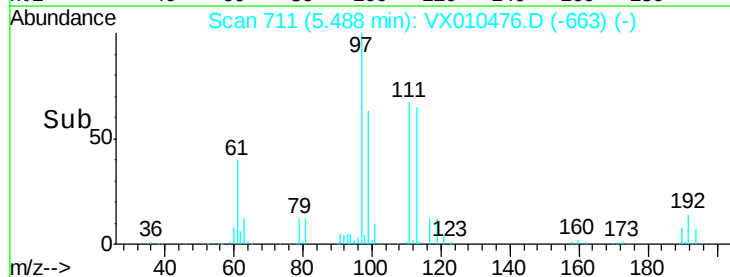
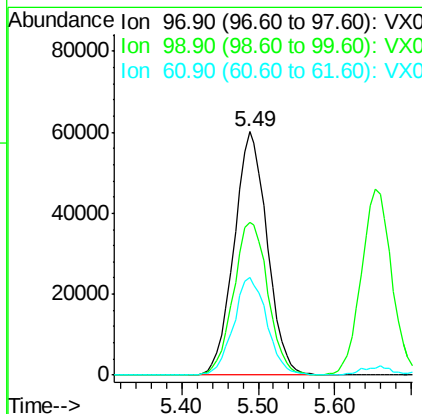
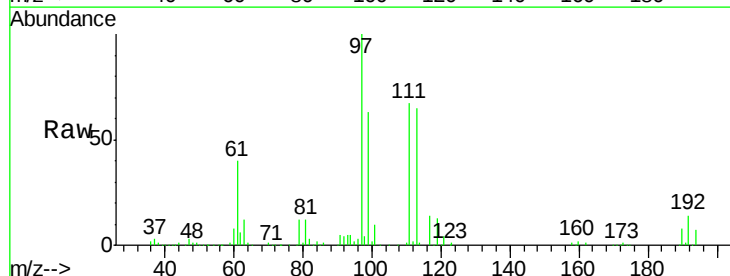
RT: 5.49 min Scan# 711

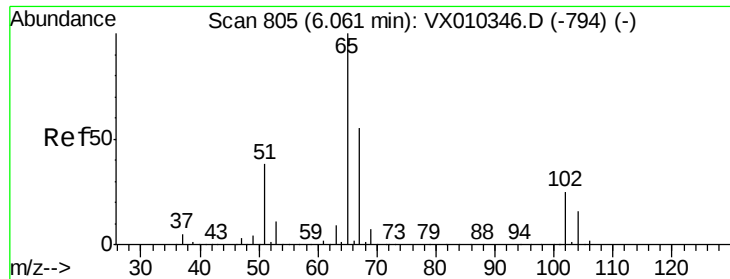
Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion:	97	Resp:	180774
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	40.4	32.1	48.1





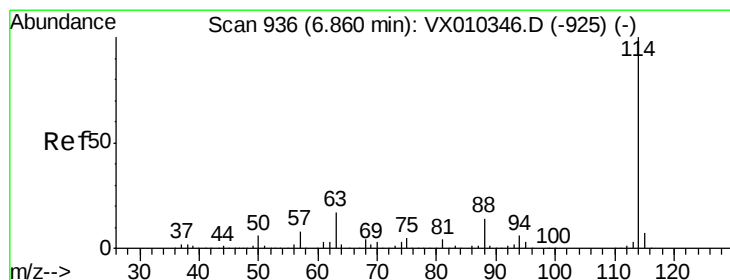
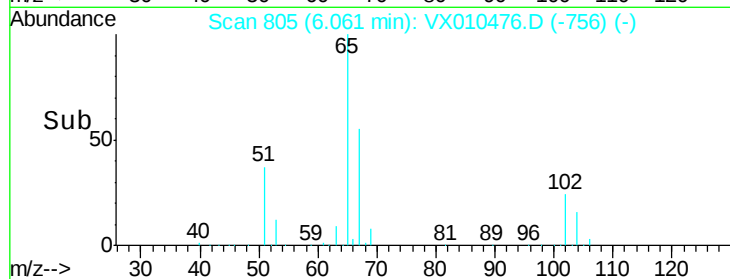
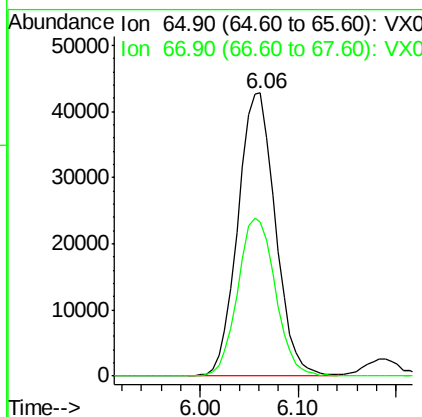
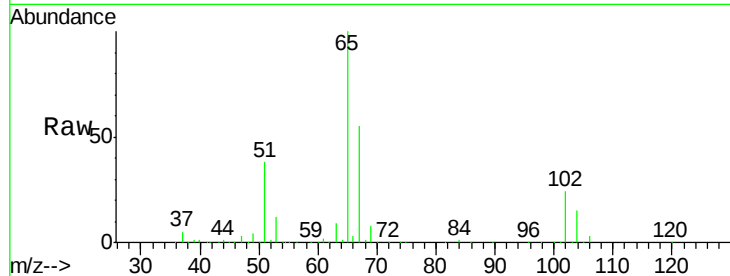
#33
 1,2-Dichloroethane-d4
 Concen: 45.225 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 114287
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 110.2

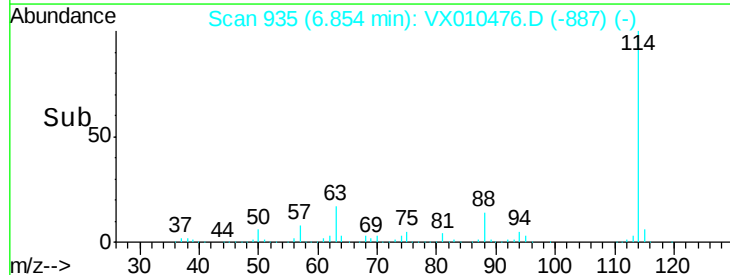
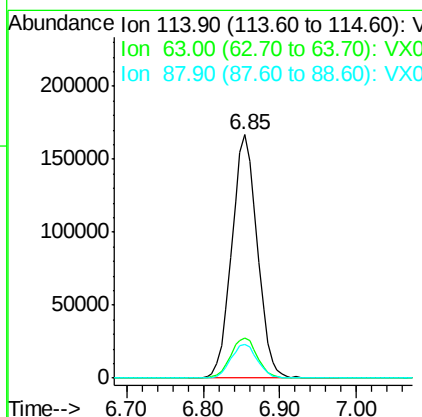
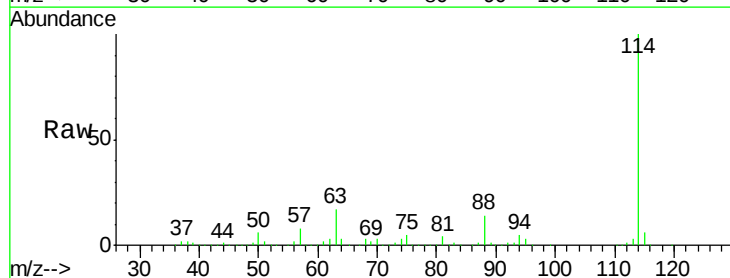
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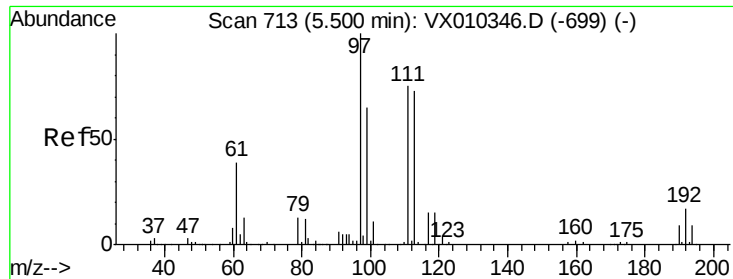
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion: 114 Resp: 385234
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 33.8
 88 14.1 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.222 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

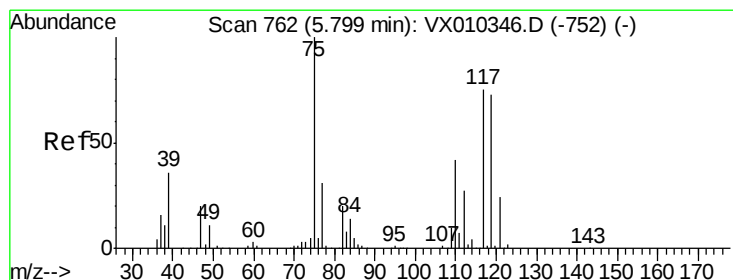
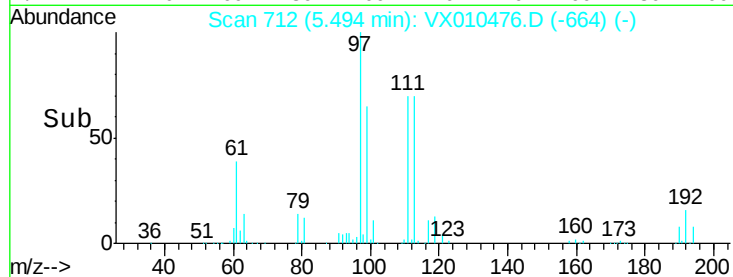
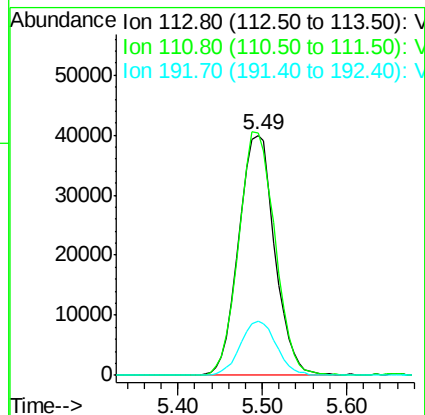
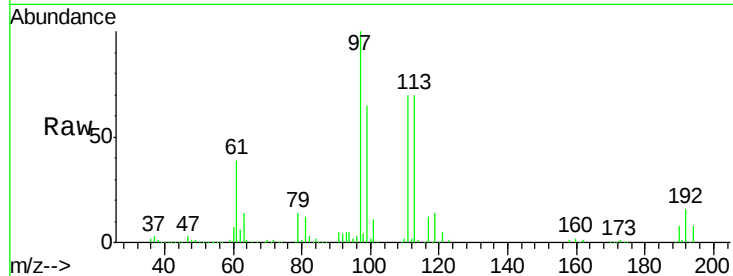
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116016		
111	101.6	81.2	121.8	
192	22.6	18.6	27.8	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.270 ug/l

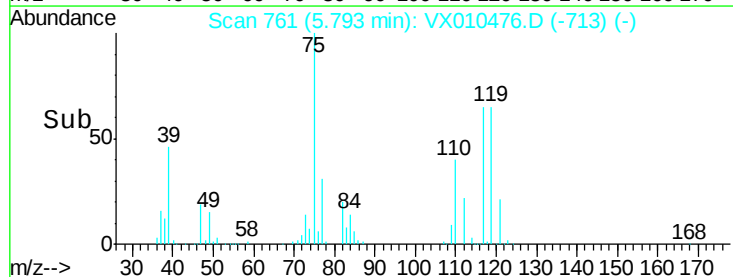
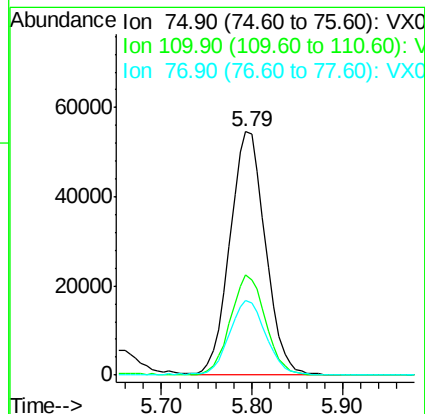
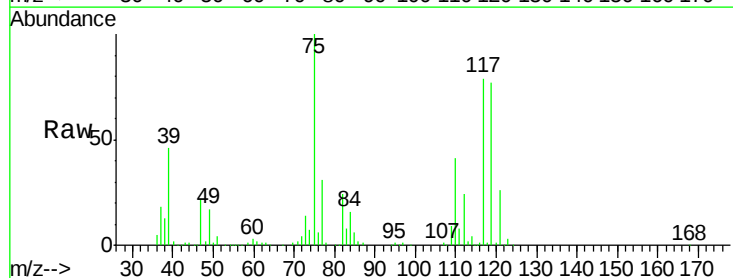
RT: 5.79 min Scan# 761

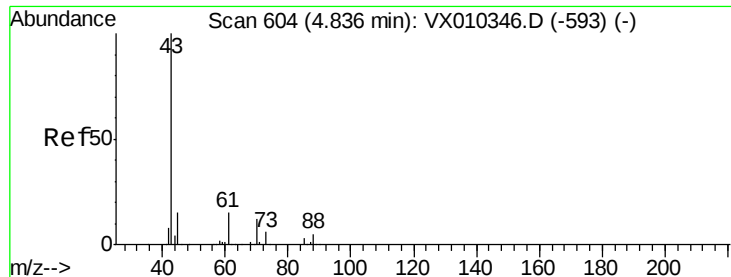
Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147768		
110	40.9	20.8	62.2	
77	31.3	25.4	38.0	





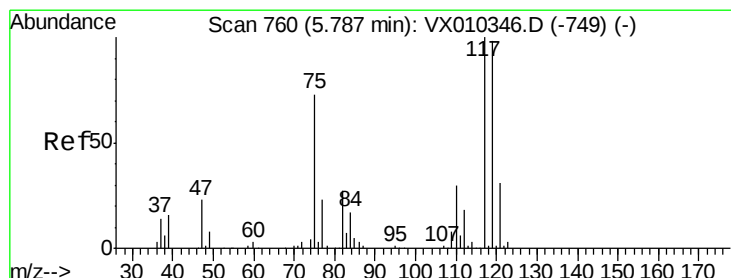
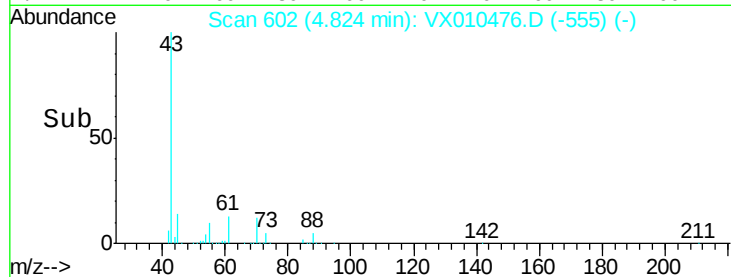
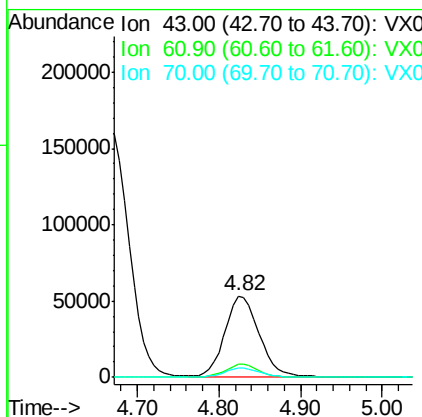
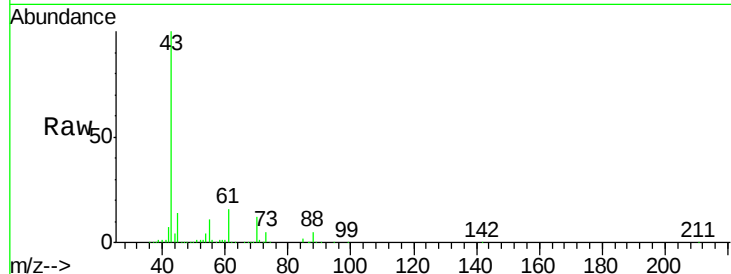
#37
Ethyl Acetate
Concen: 48.859 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.4	18.6
70	11.8	9.8	14.8

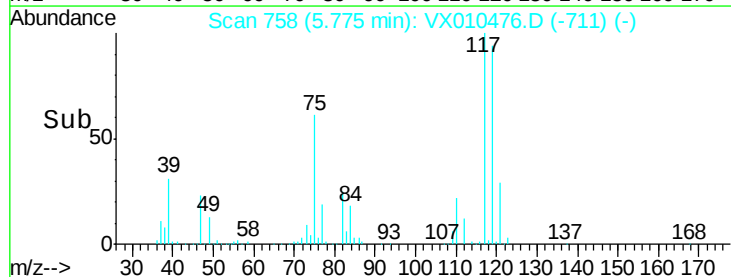
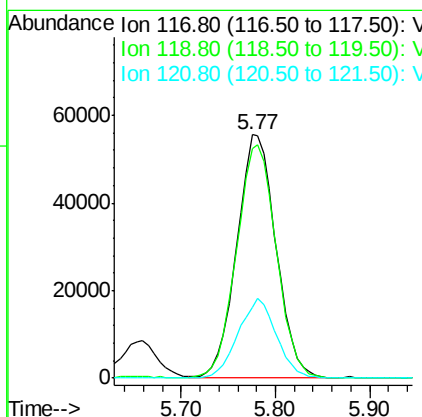
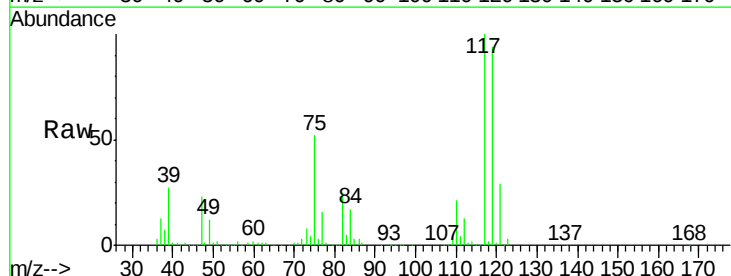
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#38
Carbon Tetrachloride
Concen: 48.626 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.2	117.4
121	29.2	24.7	37.1





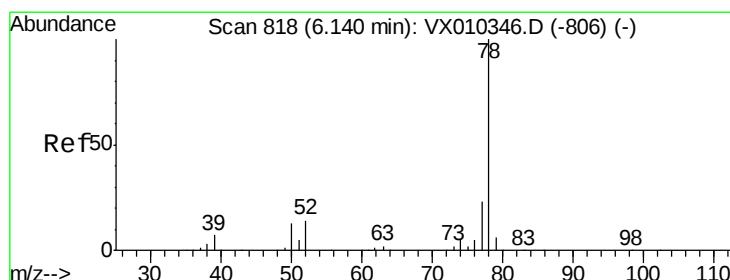
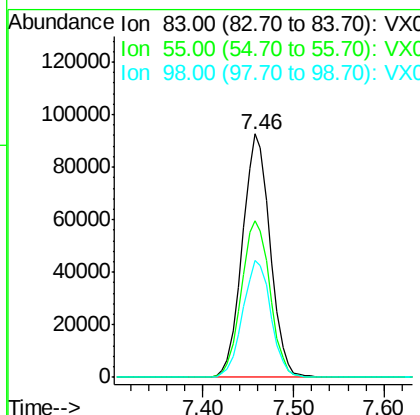
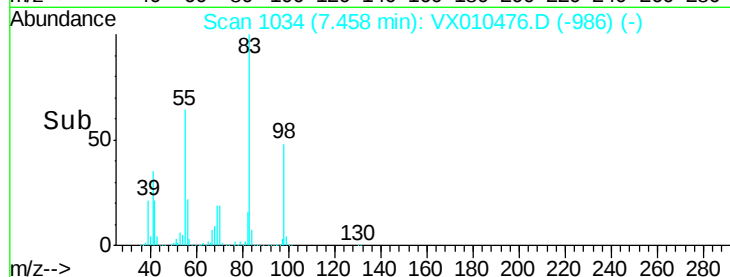
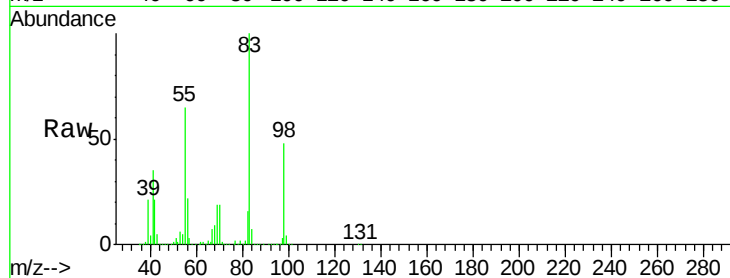
#39
Methvlcvclohexane
Concen: 48.732 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.5	53.0	79.6
98	48.3	37.8	56.8

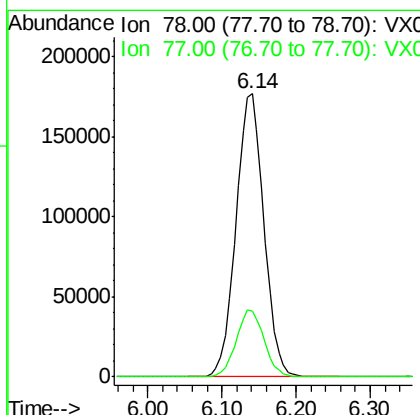
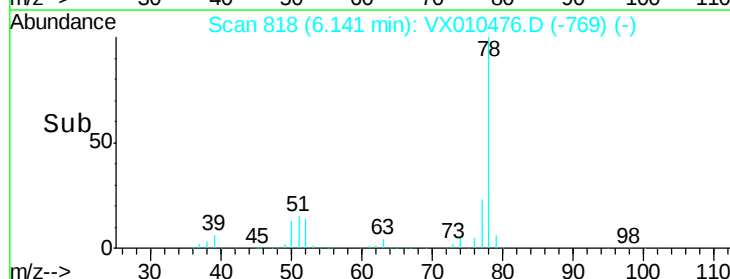
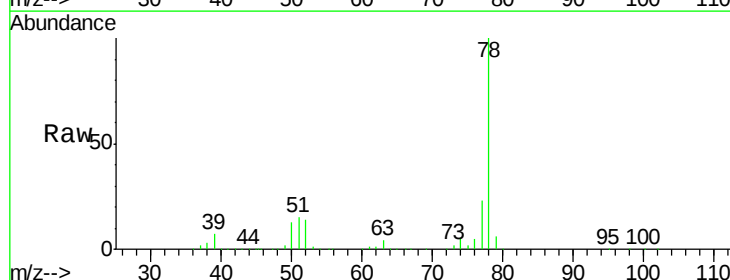
Manual Integrations
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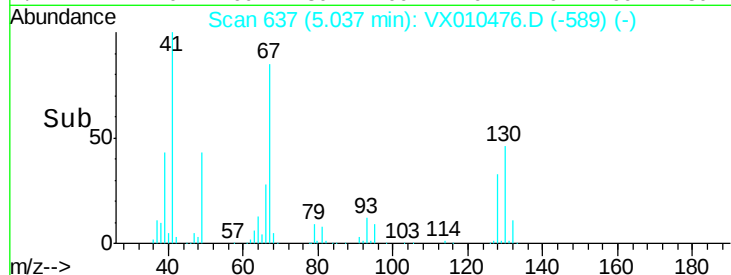
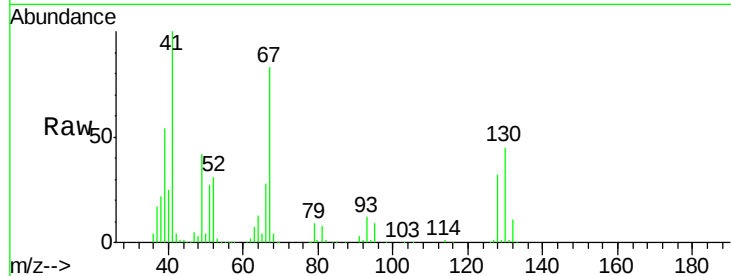
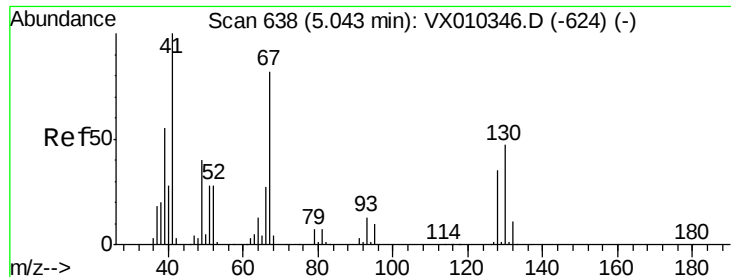
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#40
Benzene
Concen: 48.732 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





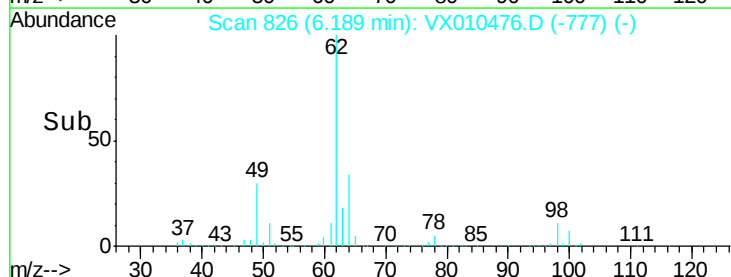
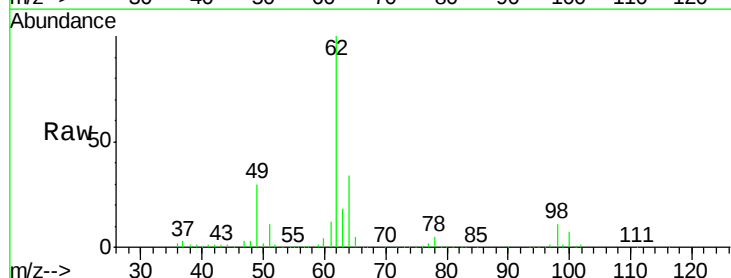
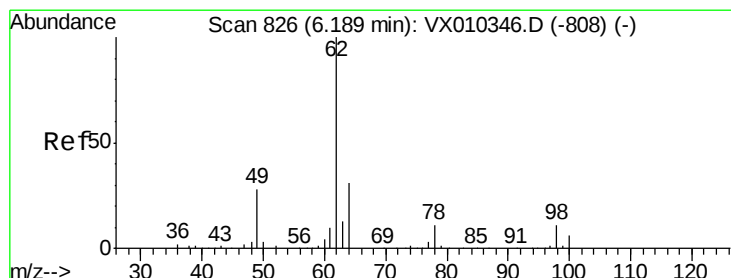
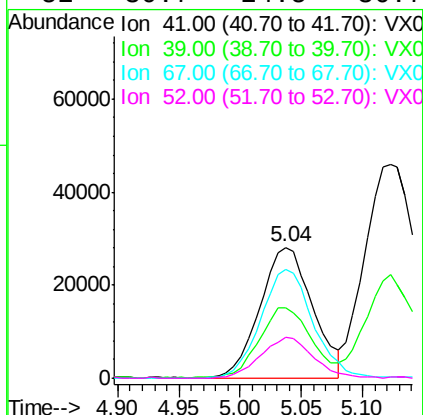
#41
Methacrylonitrile
Concen: 48.875 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		84454		
39	52.0	43.8	65.8		
67	83.1	66.6	100.0		
52	30.7	24.5	36.7		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

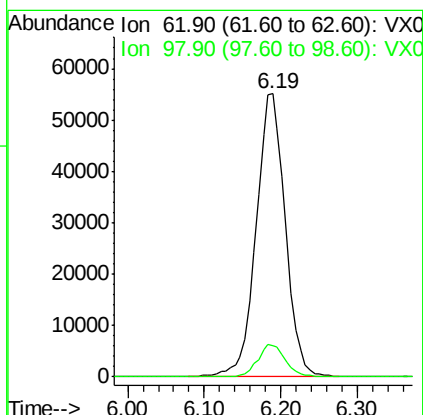
Manual Integrations
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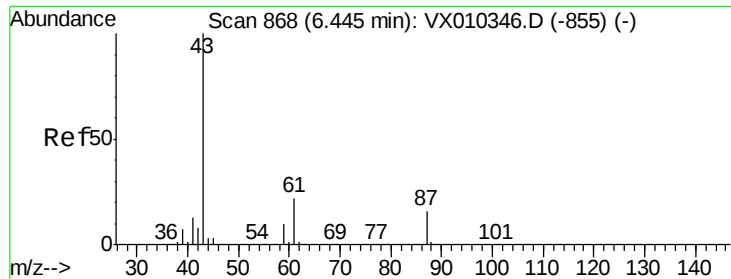
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.526 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		146687		
98	11.1	0.0	22.2		





#43

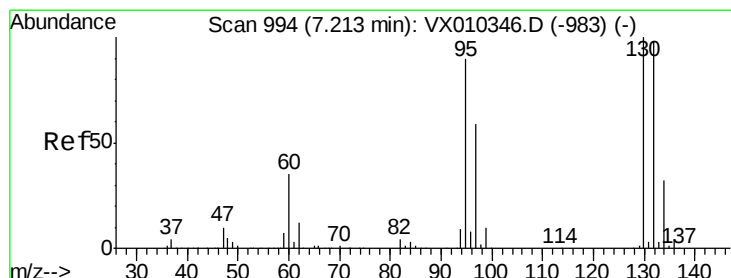
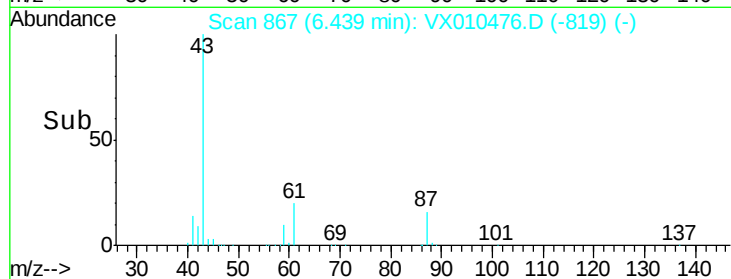
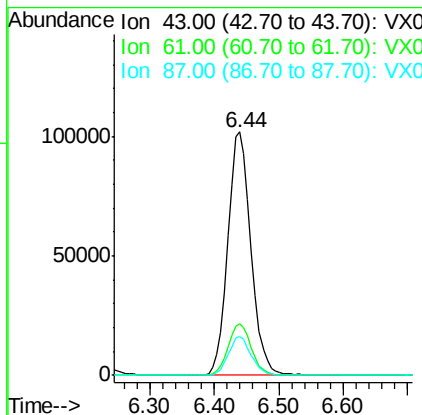
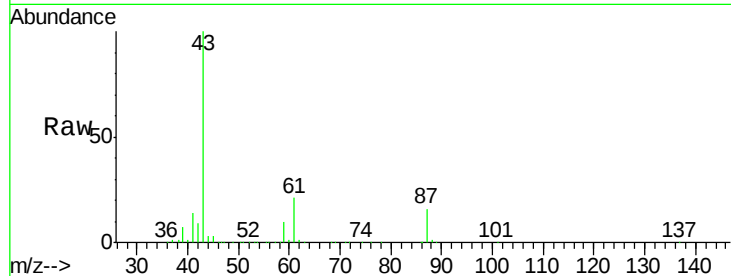
Isopropyl Acetate
 Concen: 49.161 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.8	26.6
87	15.8	13.0	19.4

Manual Integrations
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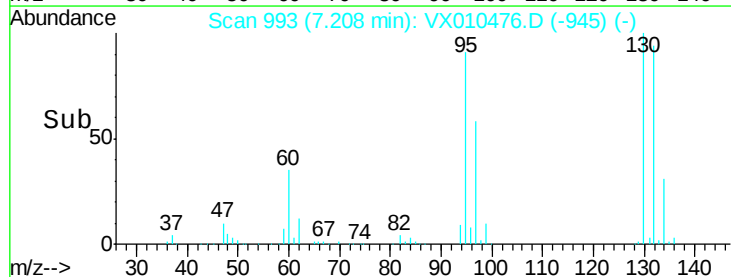
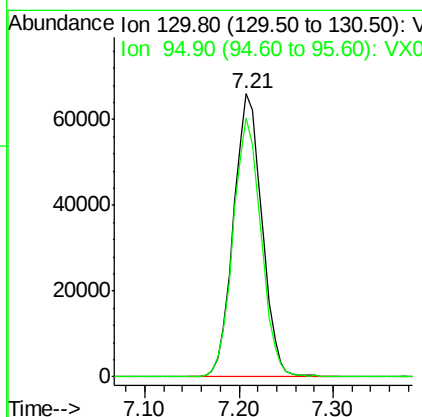
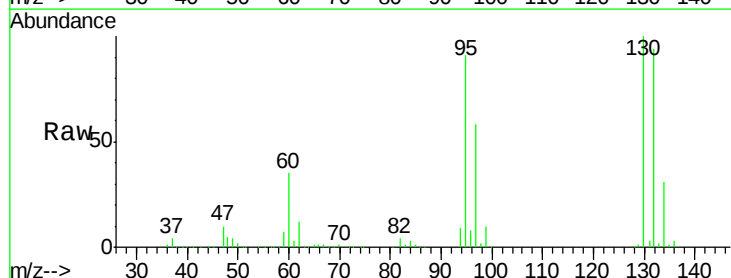
MMDadoda
 6/28/2019 10:37:27 AM

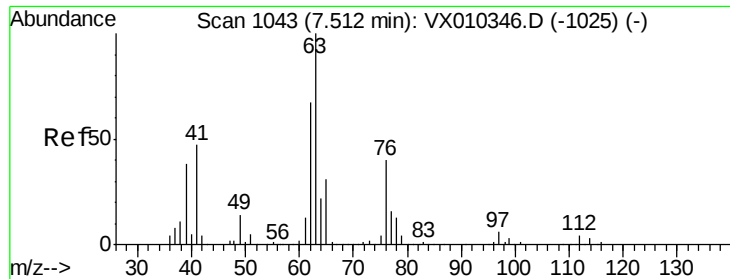


#44

Trichloroethene
 Concen: 48.516 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	180.8





#45

1,2-Dichloropropane

Concen: 48.300 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tot Ion: 63 Resp: 116327

Ion Ratio Lower Upper

63 100

65 31.7 24.8 37.2

Instrument :

MSVOA_X

ClientSampleId :

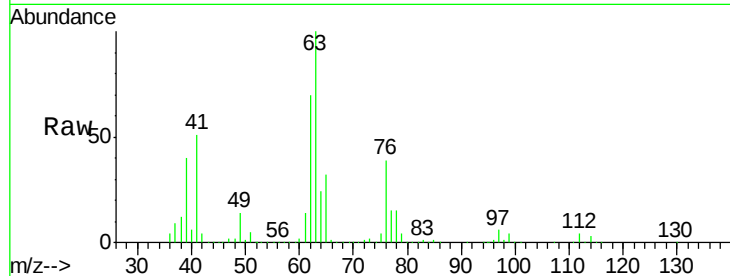
VSTDCCC050

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

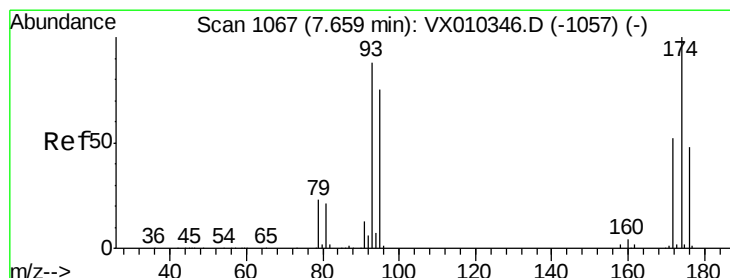
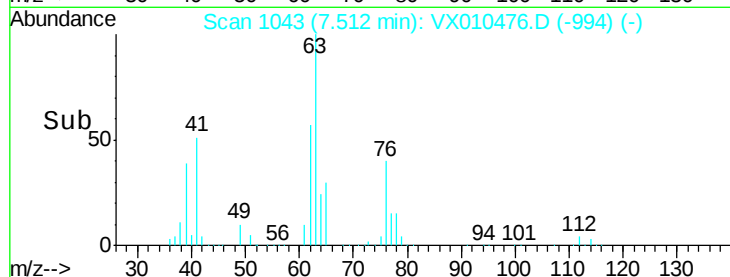
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 49.230 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

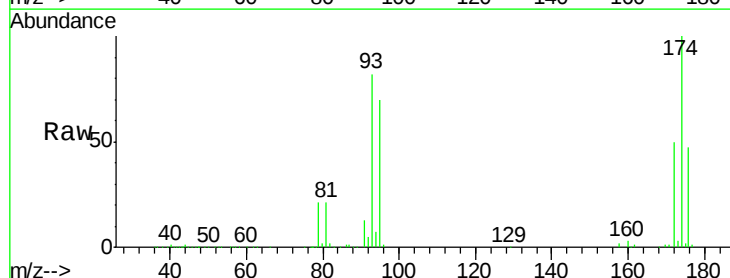
Tgt Ion: 93 Resp: 85069

Ion Ratio Lower Upper

93 100

95 84.0 67.5 101.3

174 119.1 95.8 143.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

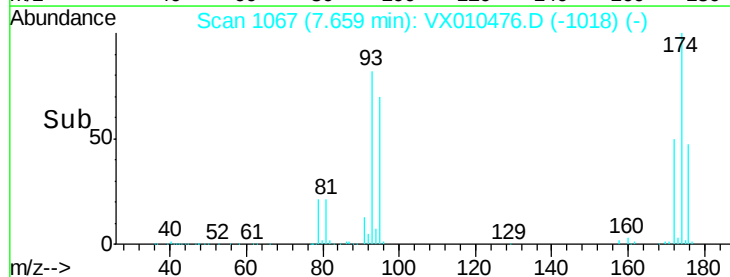
40000

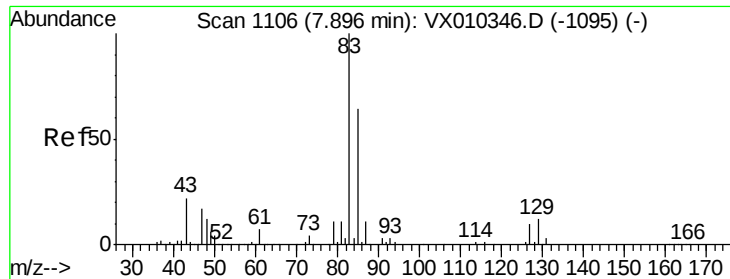
20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 50.058 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

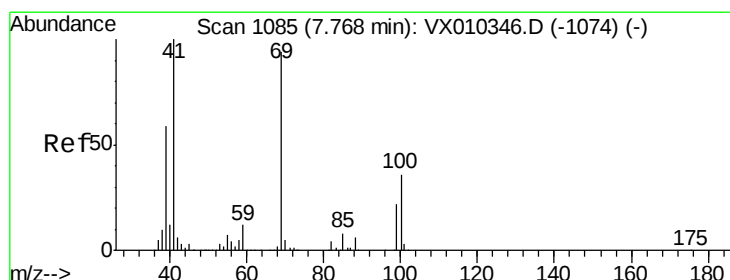
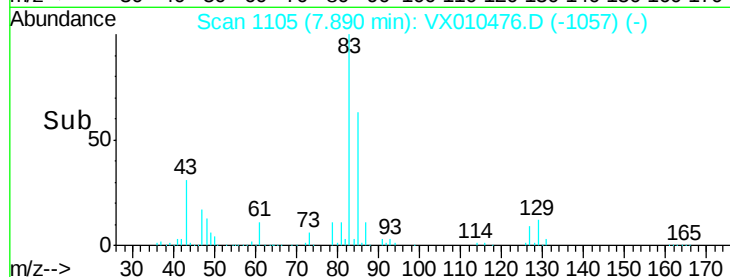
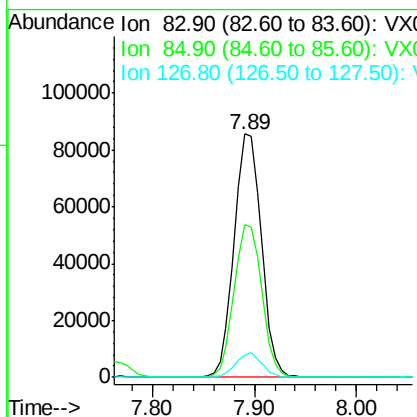
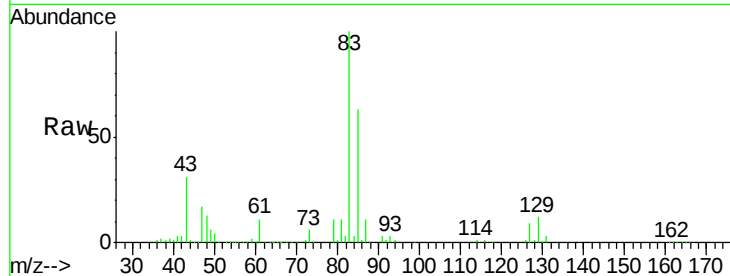
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	158523
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.5	77.3
127	9.1	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.445 ug/l

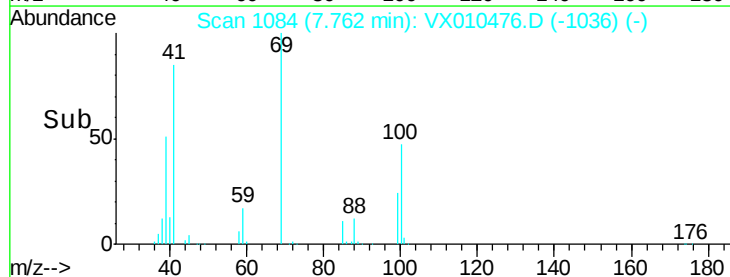
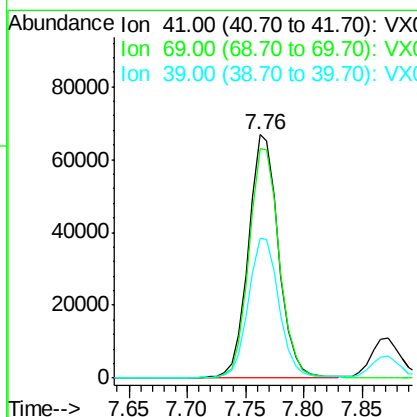
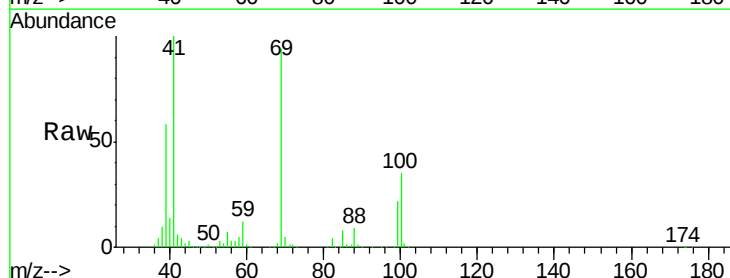
RT: 7.76 min Scan# 1084

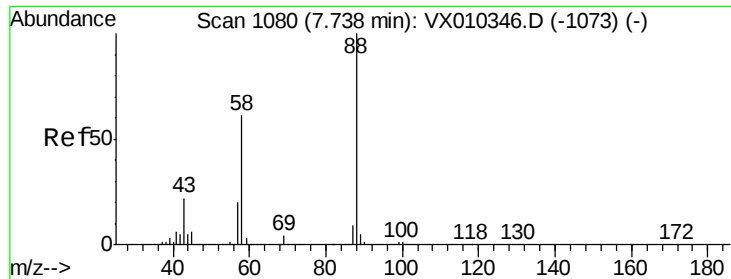
Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion:	41	Resp:	119753
Ion Ratio	Lower	Upper	
41	100		
69	95.9	76.1	114.1
39	58.8	47.6	71.4





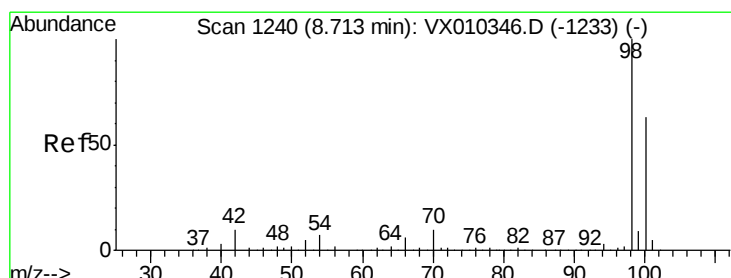
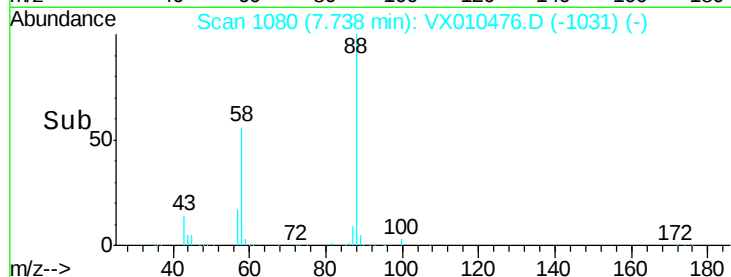
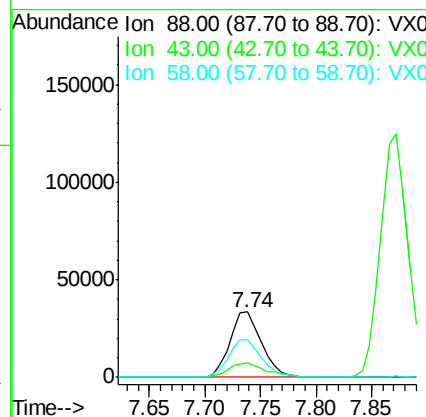
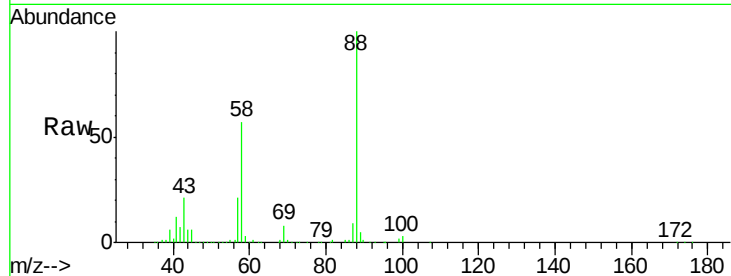
#49
1,4-Dioxane
Concen: 943.871 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.5	20.2	30.2
58	60.4	49.5	74.3

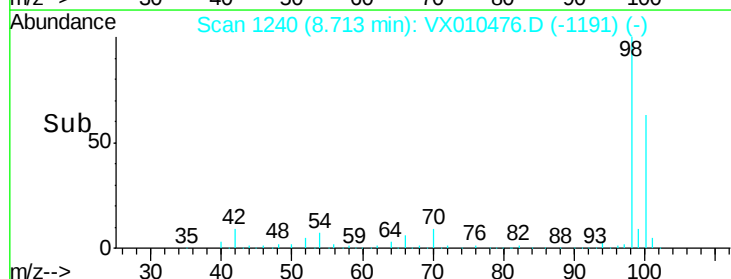
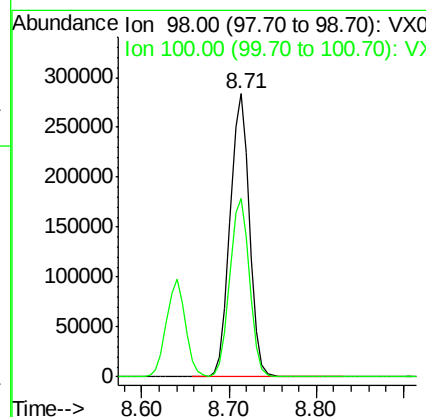
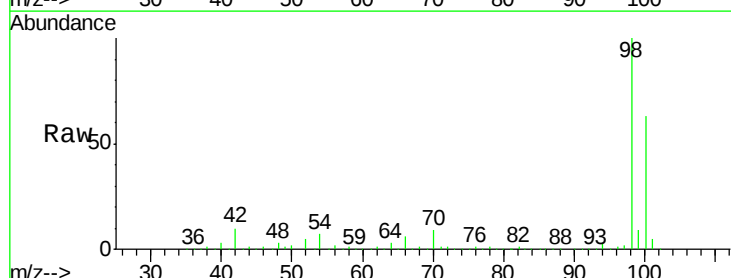
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#50
Toluene-d8
Concen: 48.219 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





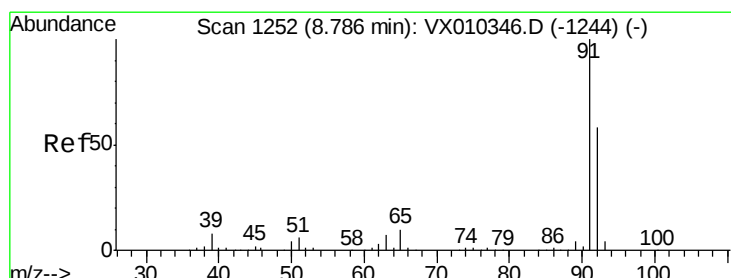
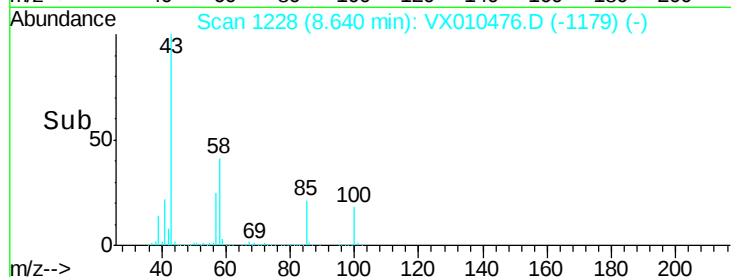
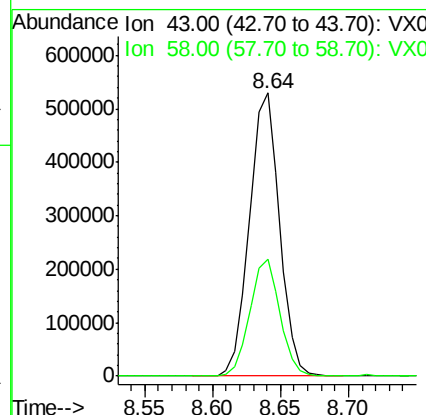
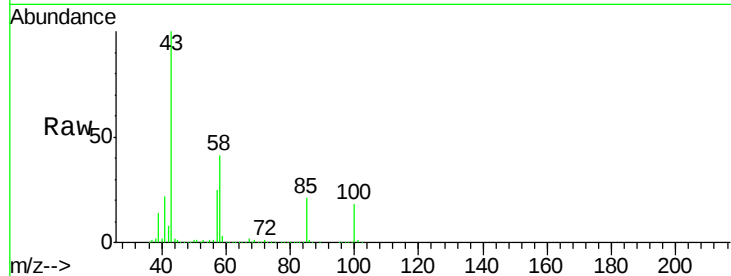
#51
4-Methyl-2-Pentanone
Concen: 246.357 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 820970
Ion Ratio Lower Upper
43 100
58 41.2 33.5 50.3

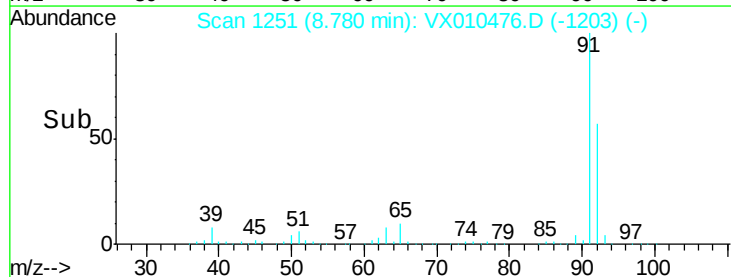
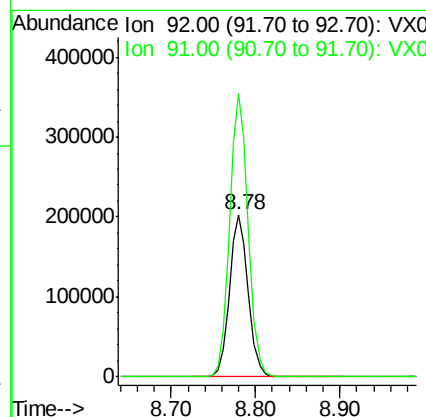
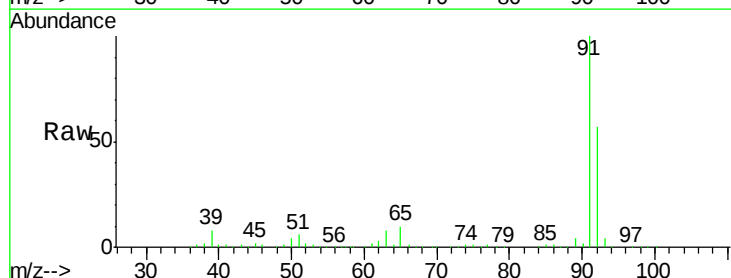
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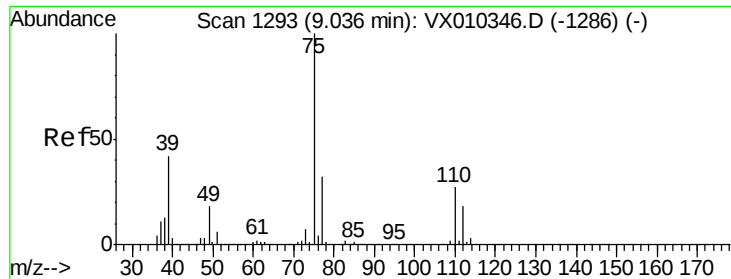
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#52
Toluene
Concen: 48.699 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 92 Resp: 305863
Ion Ratio Lower Upper
92 100
91 173.9 139.8 209.6





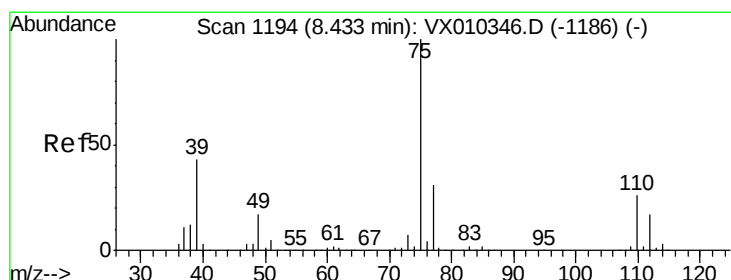
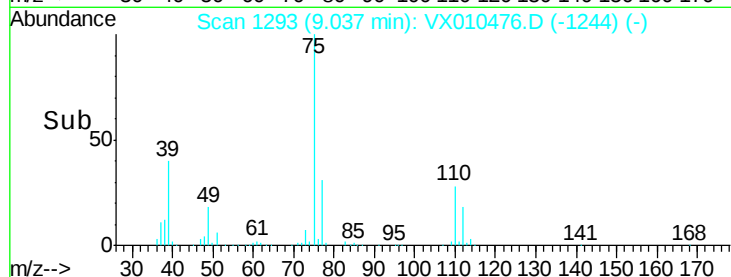
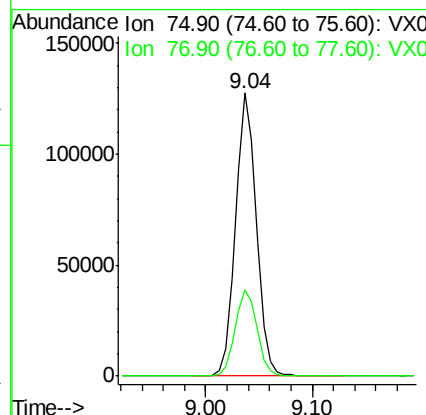
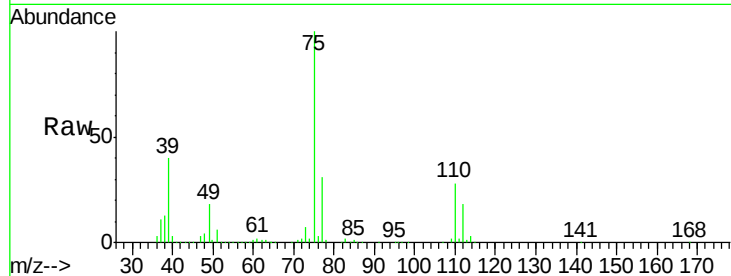
#53
t-1,3-Dichloropropene
Concen: 49.563 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 175970
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2

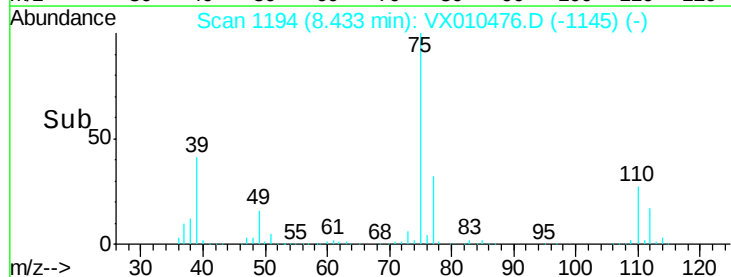
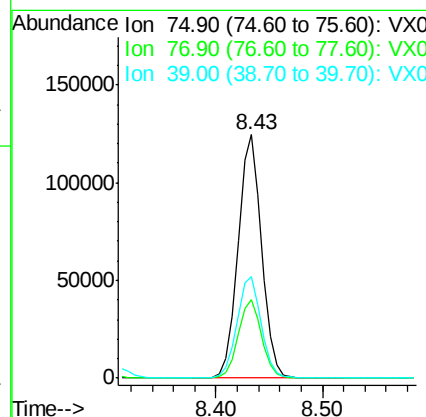
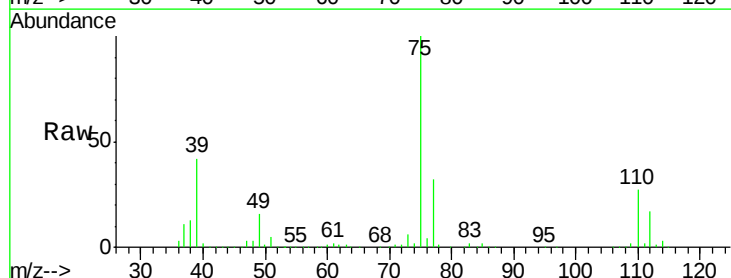
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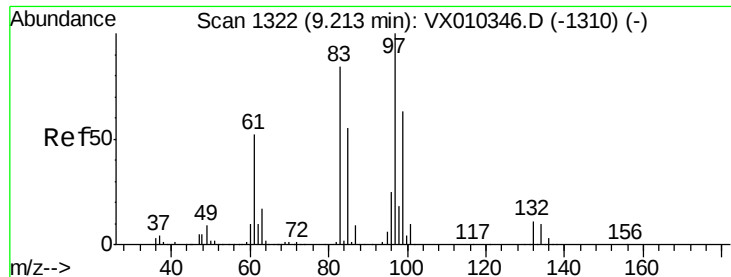
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#54
cis-1,3-Dichloropropene
Concen: 50.034 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 75 Resp: 193046
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 41.4 34.5 51.7





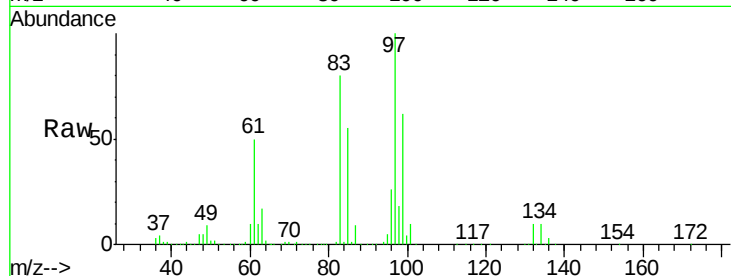
#55
 1,1,2-Trichloroethane
 Concen: 50.072 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

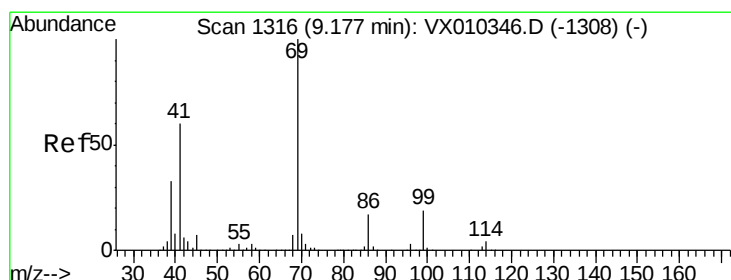
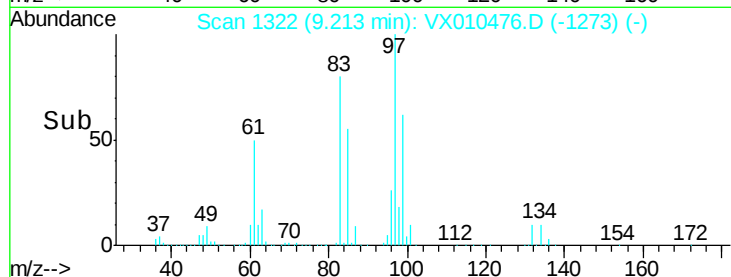
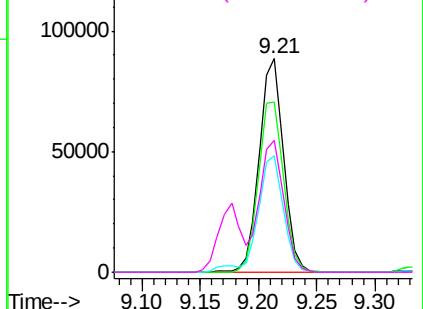
Tot Ion:	97	Resp:	129702
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.4	101.0
85	54.6	43.8	65.8
99	61.9	50.3	75.5

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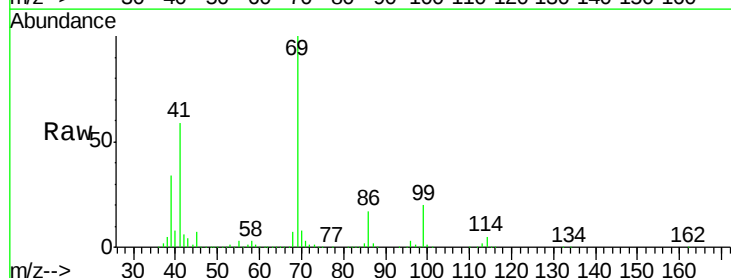


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

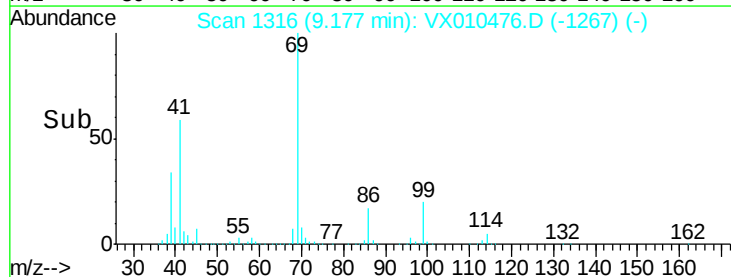
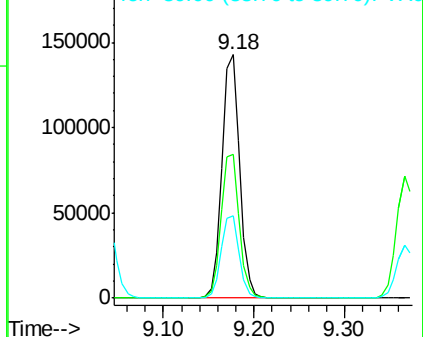


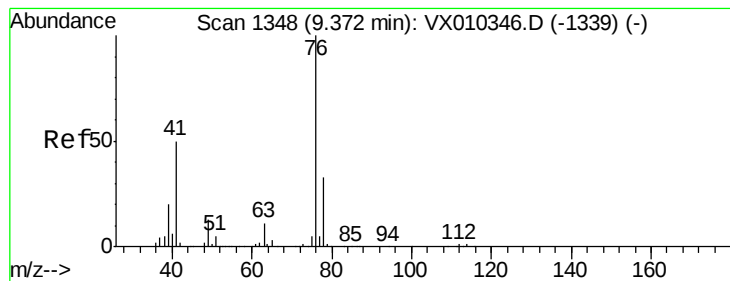
#56
 Ethyl methacrylate
 Concen: 49.614 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion:	69	Resp:	194683
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.1	70.7
39	34.5	26.6	40.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.156 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 197652

Ion Ratio Lower Upper

76 100

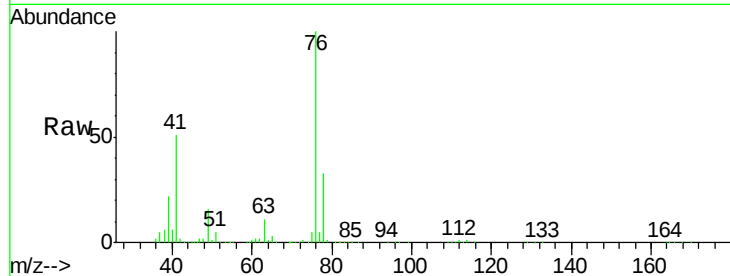
78 33.0 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

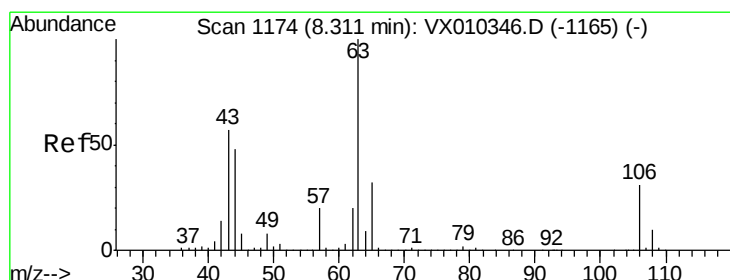
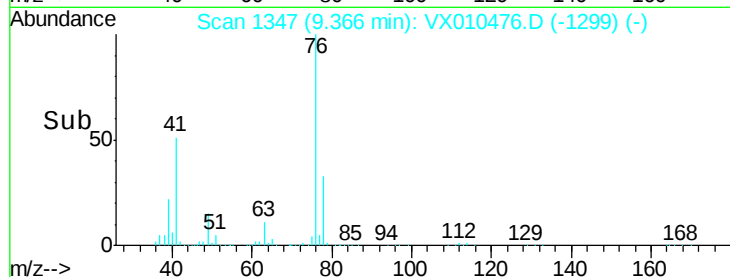
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.409 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010476.D

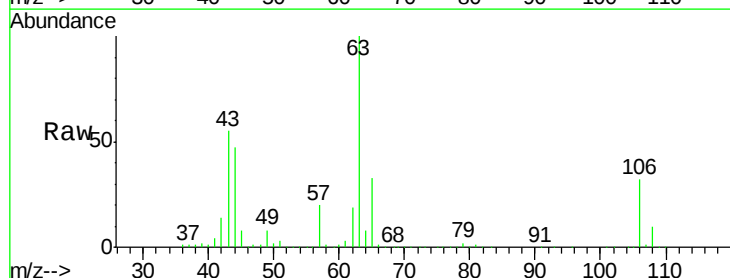
Acq: 27 Jun 2019 09:47

Tgt Ion: 63 Resp: 455477

Ion Ratio Lower Upper

63 100

106 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

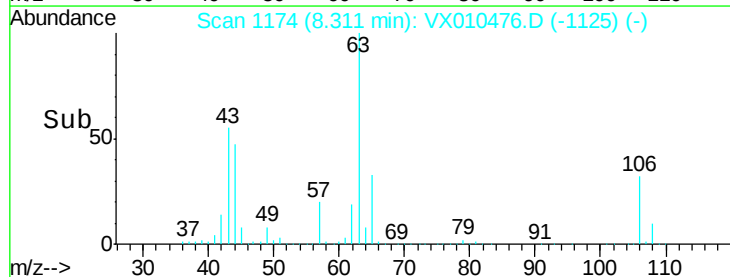
150000

100000

50000

0

Time-->





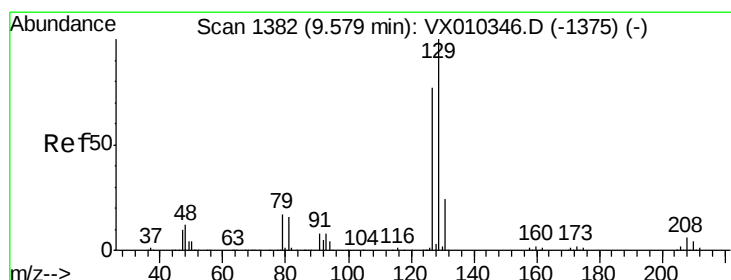
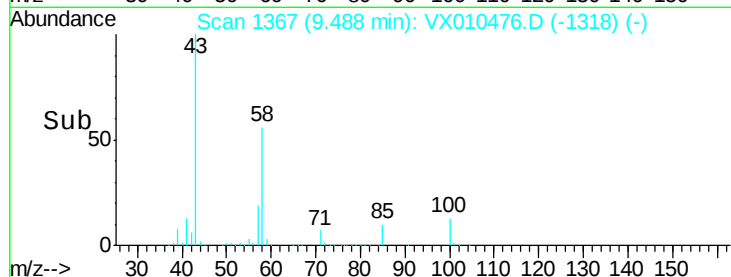
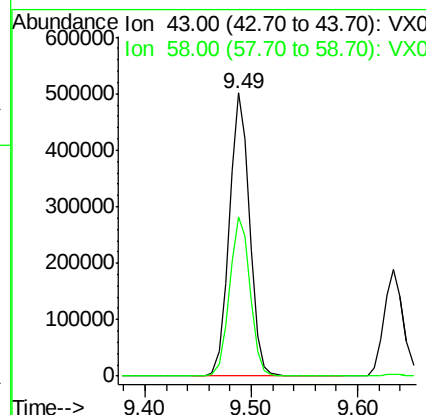
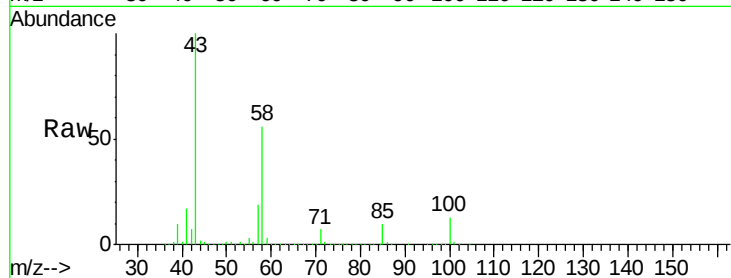
#59
2-Hexanone
Concen: 254.376 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 667163
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.1

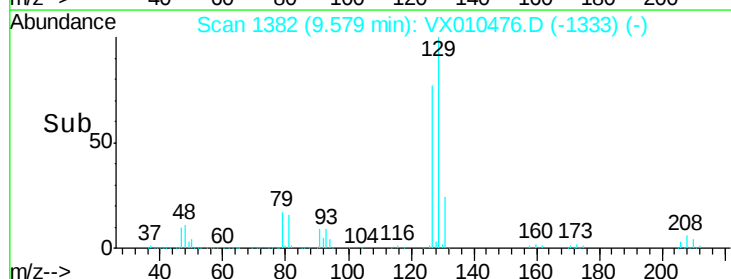
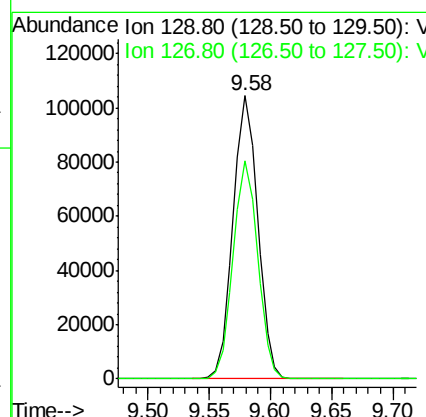
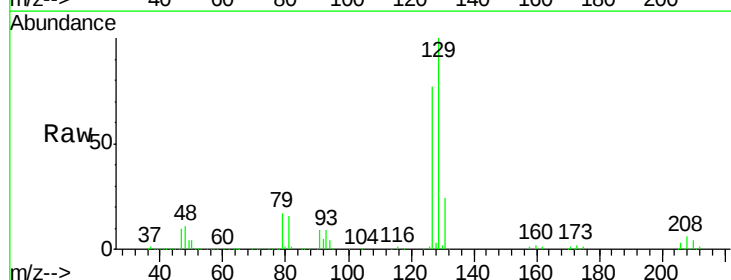
Manual Integrations
APPROVED

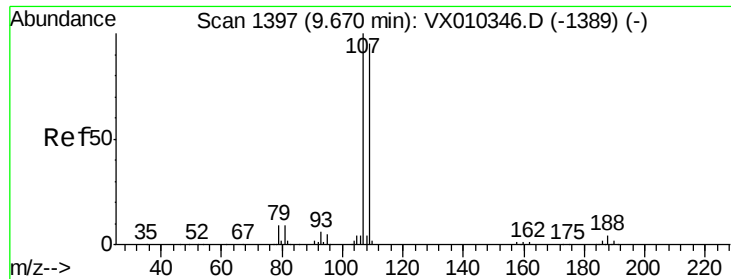
MMDadoda
6/28/2019 10:37:27 AM



#60
Dibromochloromethane
Concen: 50.529 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 129 Resp: 146546
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.709 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 138982

Ion Ratio Lower Upper

107 100

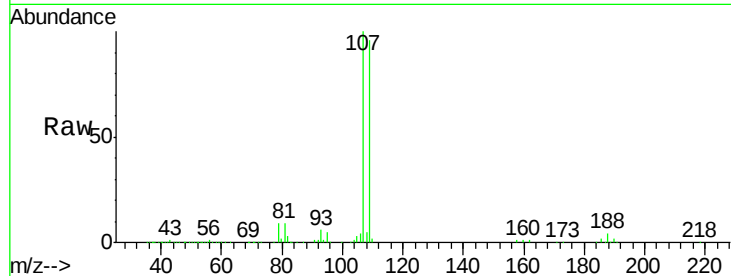
109 93.4 75.8 113.6

Manual Integrations

APPROVED

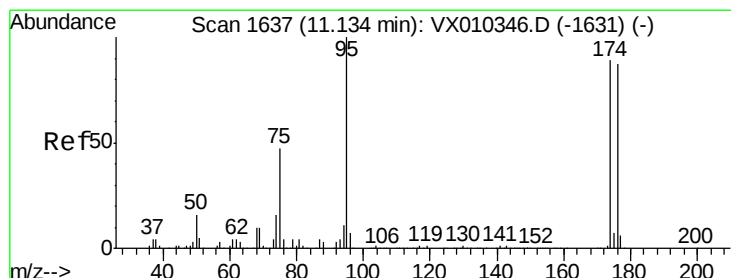
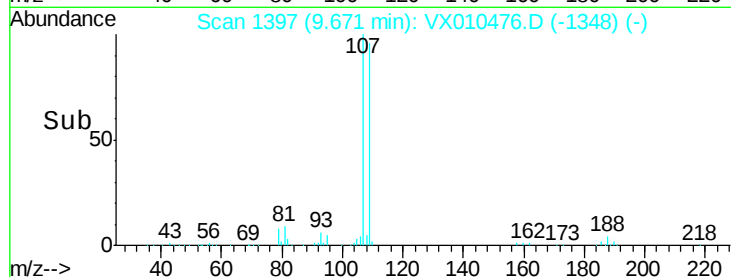
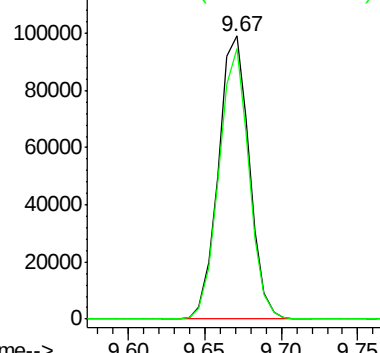
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

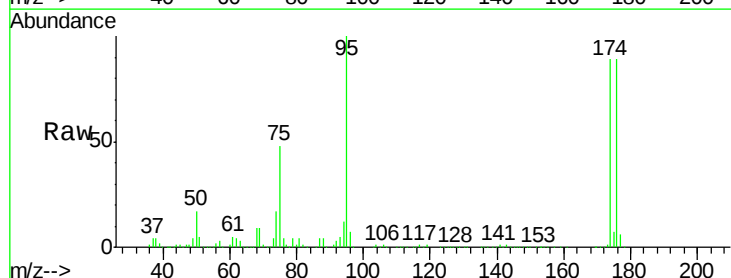
Tgt Ion: 95 Resp: 157924

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

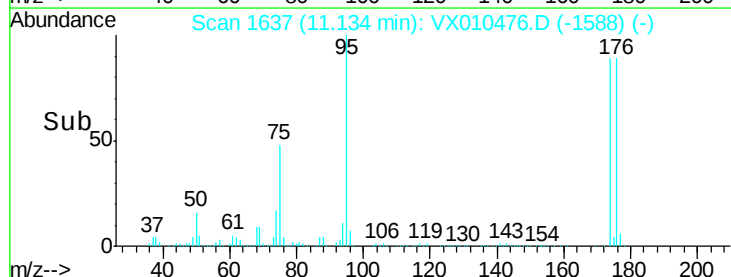
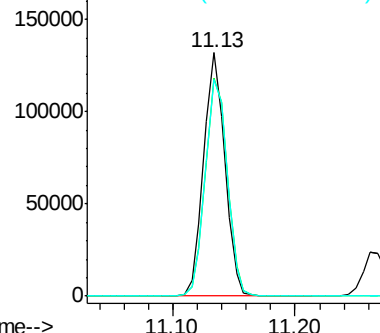
176 92.4 0.0 184.0

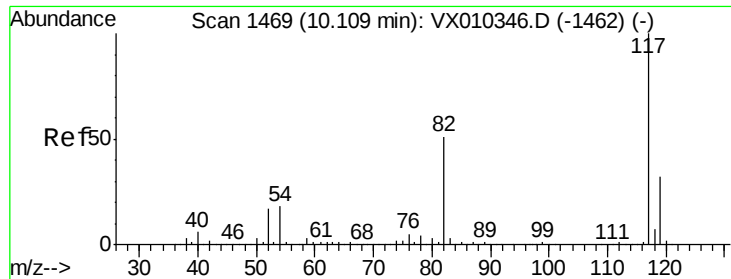


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





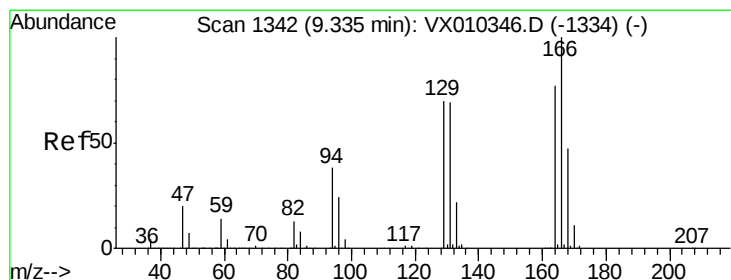
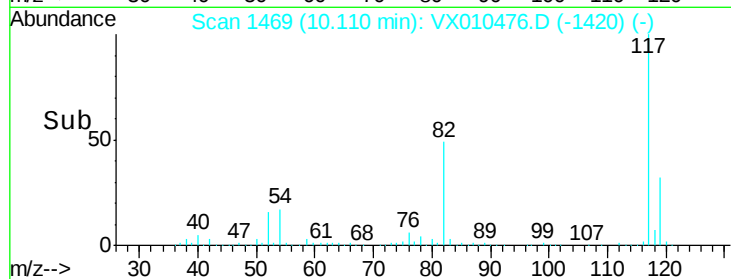
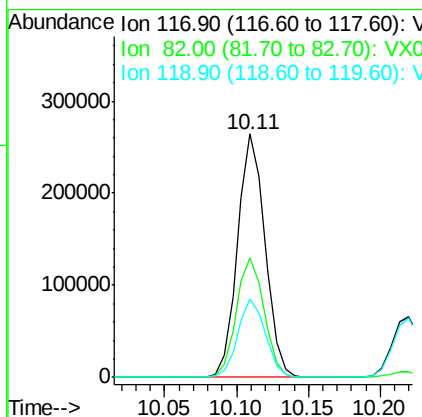
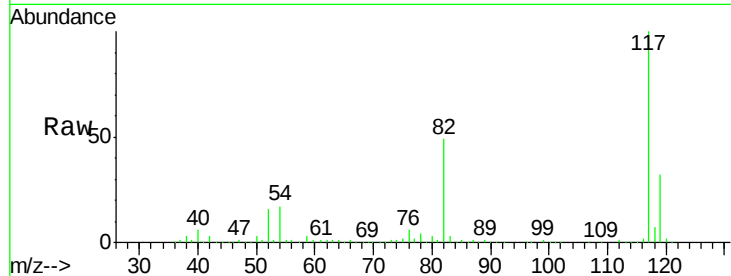
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.2	61.8
119	32.1	25.5	38.3

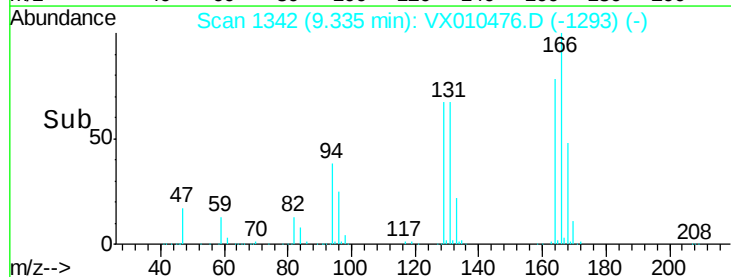
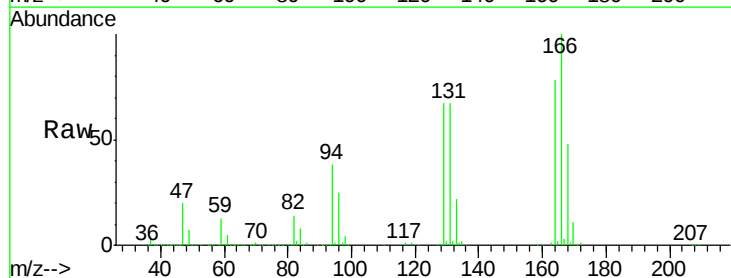
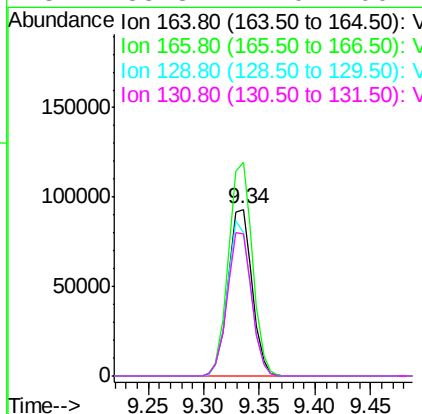
Manual Integrations
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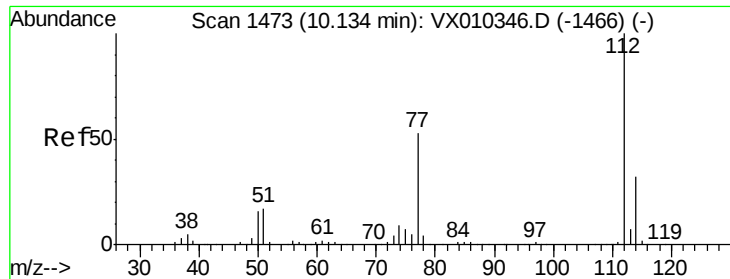
MMDadoda
6/28/2019 10:37:27 AM



#64
Tetrachloroethene
Concen: 48.986 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.6	155.4
129	86.3	73.0	109.4
131	85.3	71.0	106.4





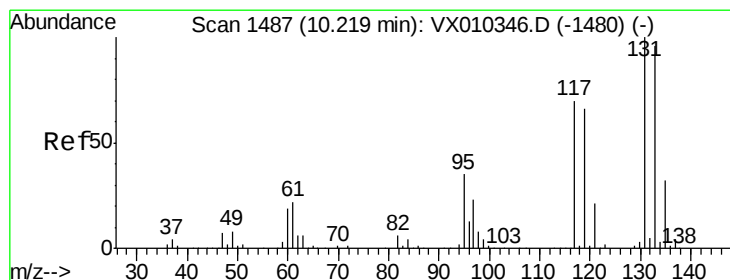
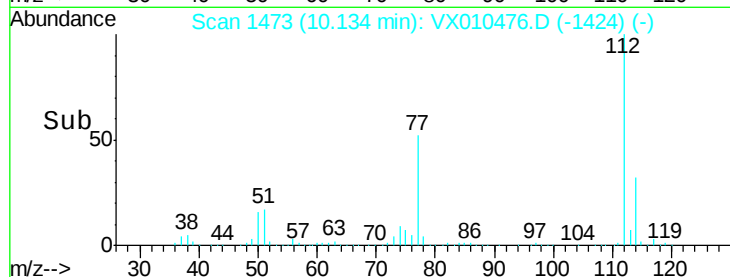
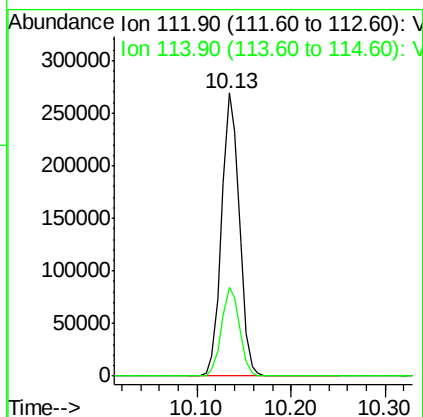
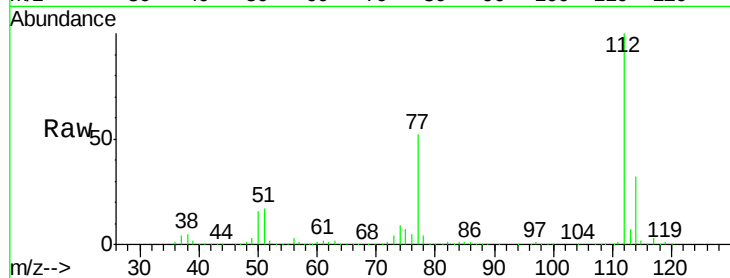
#65
Chlorobenzene
Concen: 49.627 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 353784
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

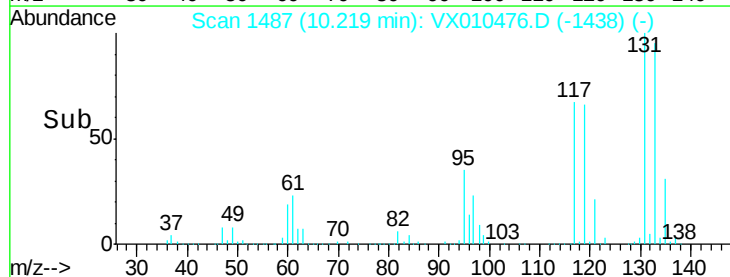
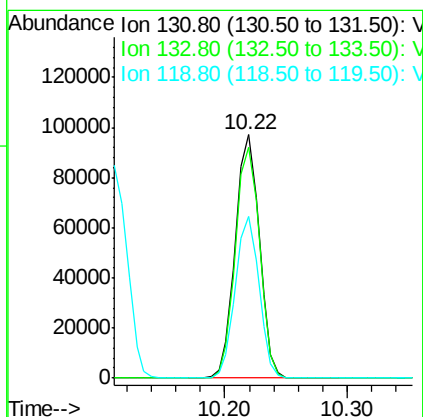
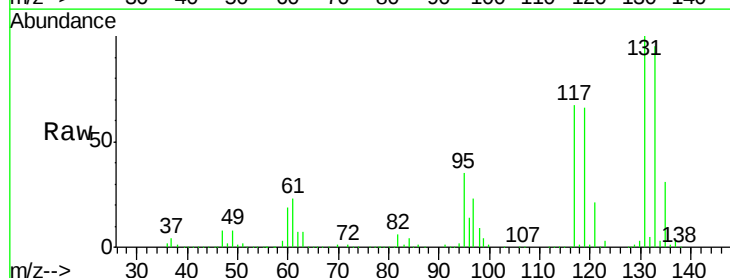
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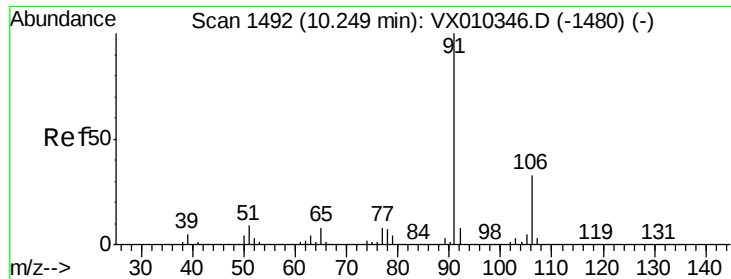
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.904 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion:131 Resp: 132181
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 65.8 32.6 97.7





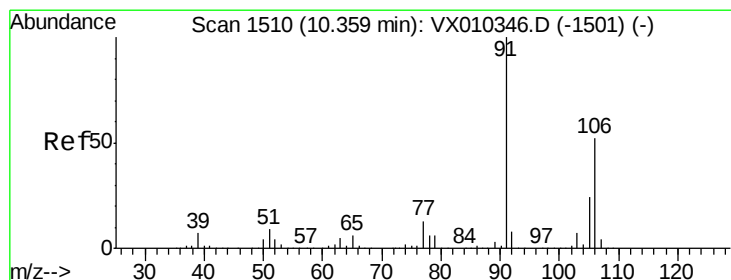
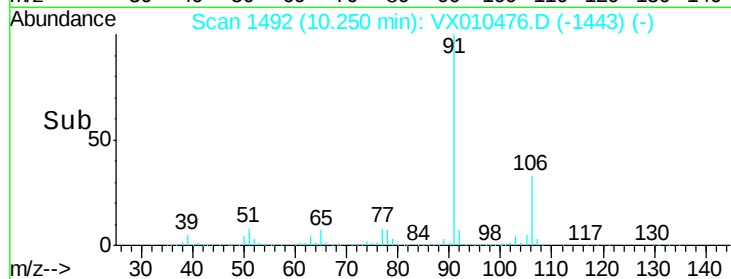
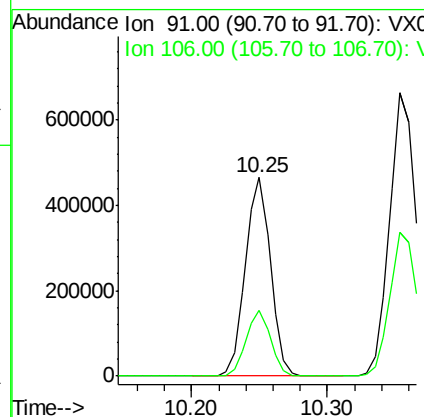
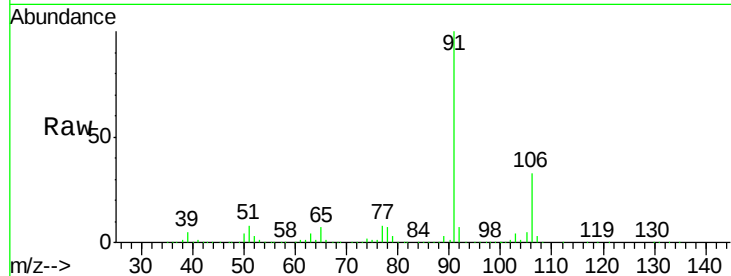
#67
Ethyl Benzene
Concen: 49.923 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 600825
Ion Ratio Lower Upper
91 100
106 33.4 26.2 39.2

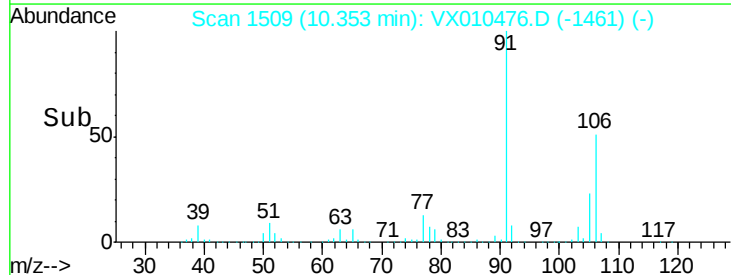
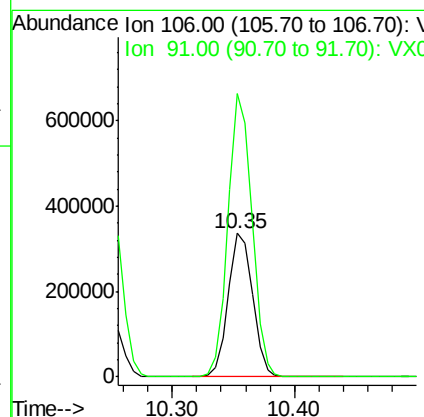
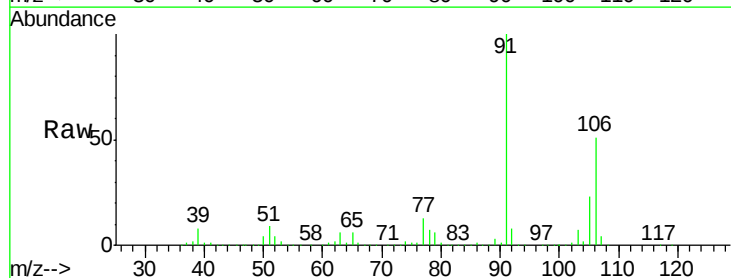
Manual Integrations
APPROVED

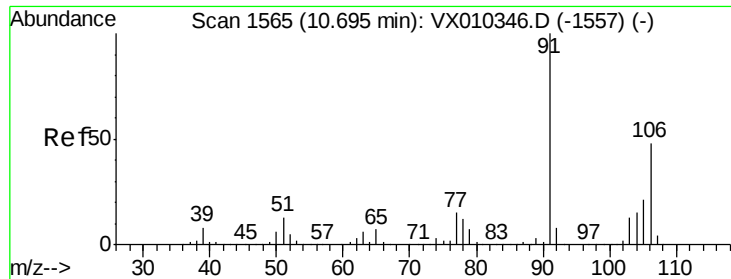
MMDadoda
6/28/2019 10:37:27 AM



#68
m/p-Xylenes
Concen: 99.664 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion: 106 Resp: 464760
Ion Ratio Lower Upper
106 100
91 193.8 155.3 232.9





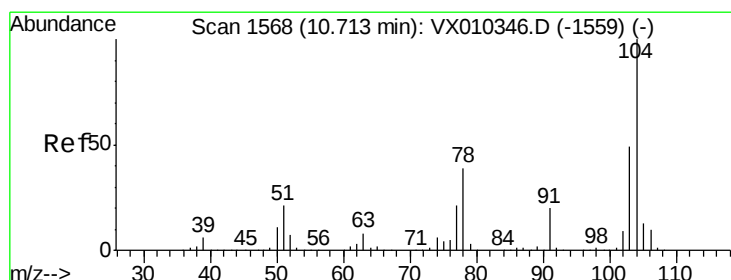
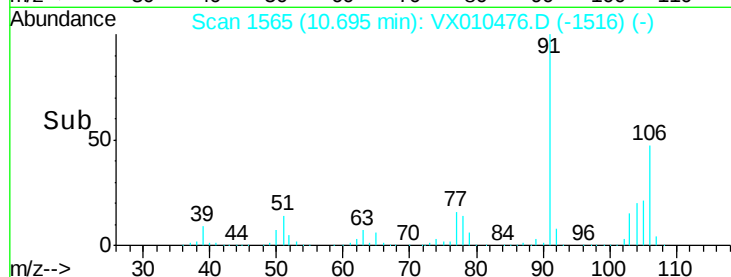
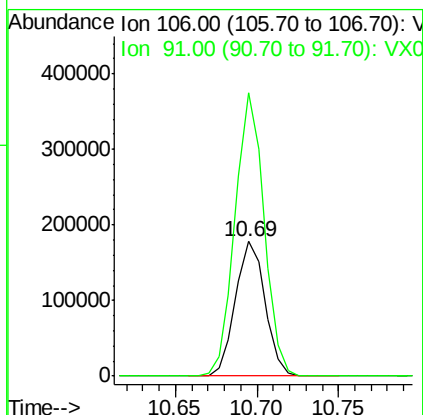
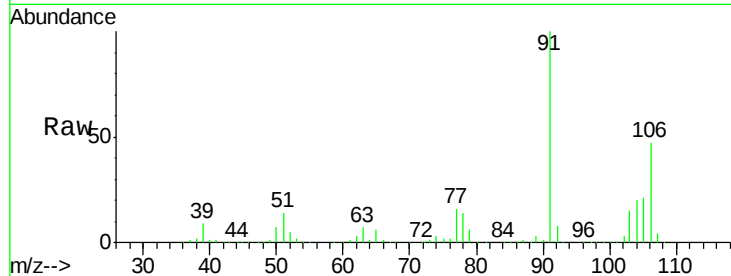
#69
o-Xylene
Concen: 49.474 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.1	102.7	308.1

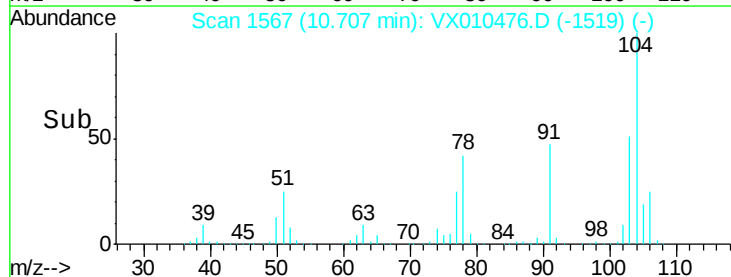
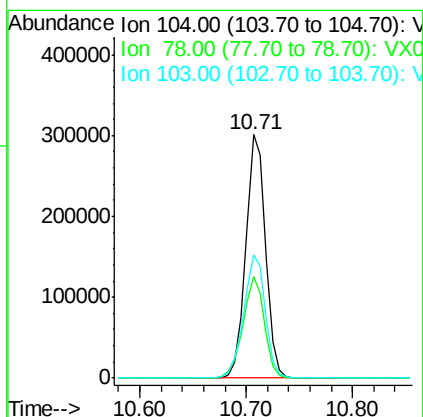
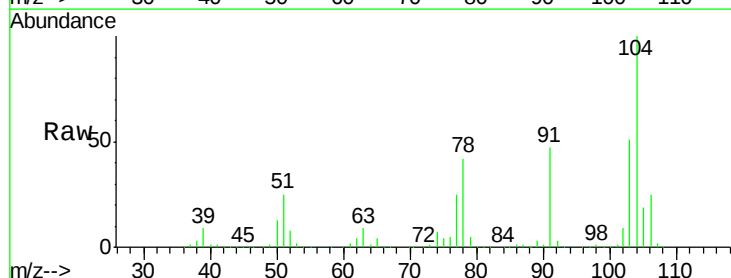
Manual Integrations
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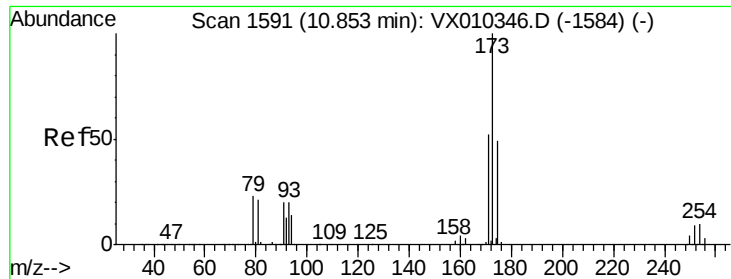
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#70
Styrene
Concen: 50.980 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.2	36.2	54.2
103	55.2	44.2	66.4





#71

Bromoform

Concen: 51.001 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 115166

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

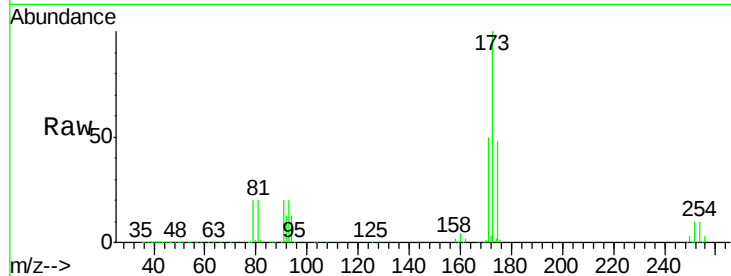
254 0.1 0.2 0.2#

Manual Integrations

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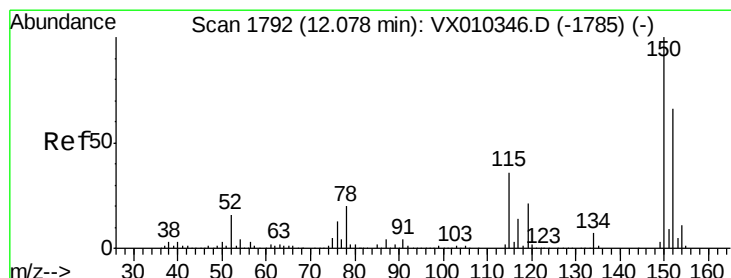
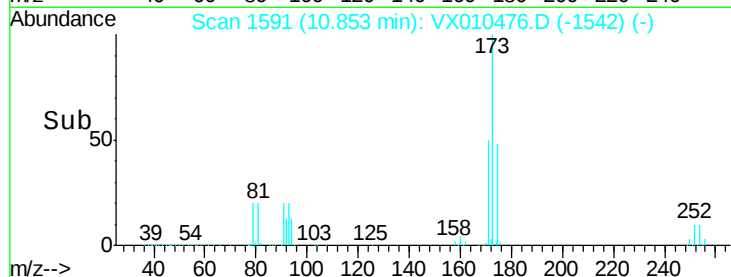
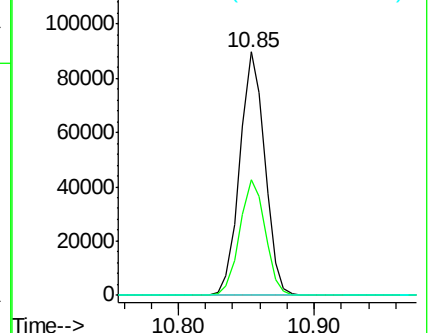
6/28/2019 10:37:27 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

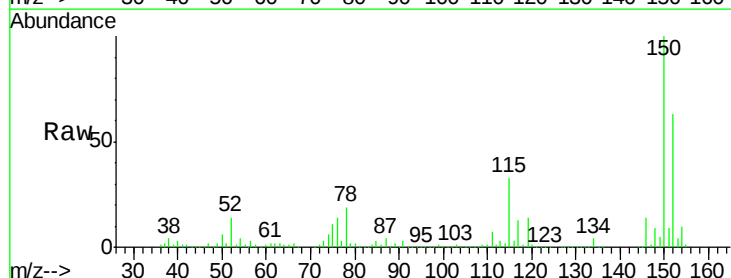
Tgt Ion:152 Resp: 184459

Ion Ratio Lower Upper

152 100

115 76.5 38.6 115.7

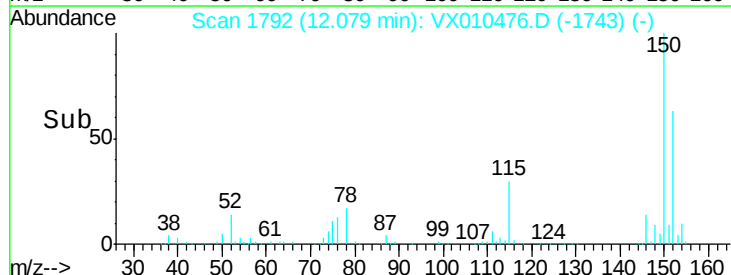
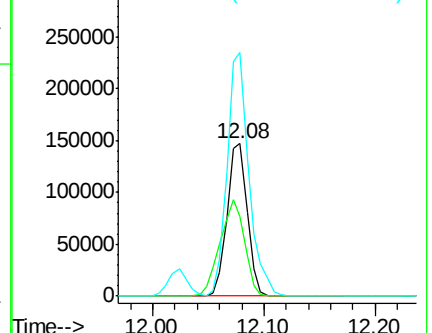
150 172.5 0.0 347.4



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: 48.887 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 611287

Ion Ratio Lower Upper

105 100

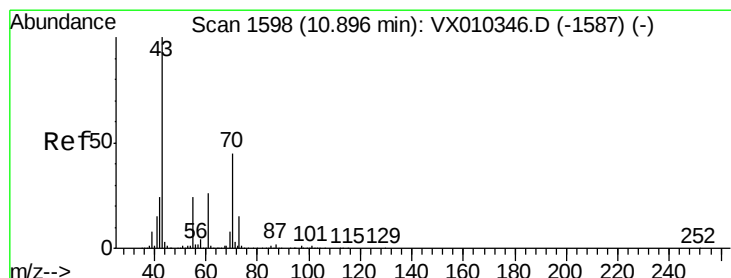
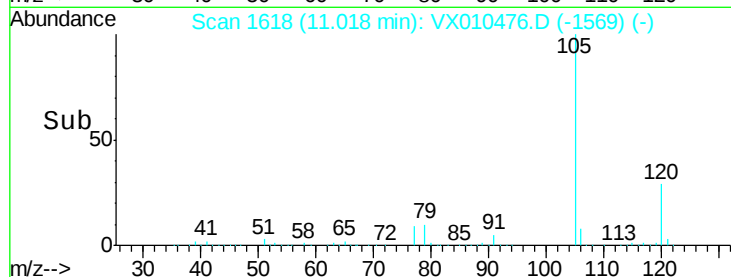
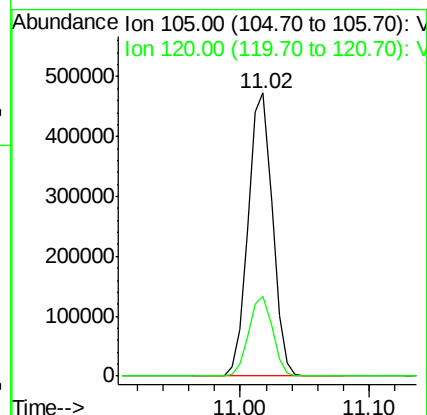
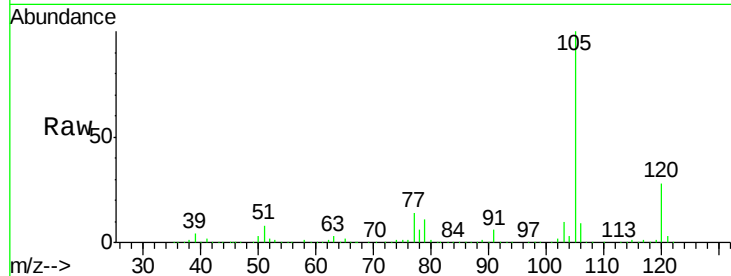
120 27.8 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.546 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion: 43 Resp: 229408

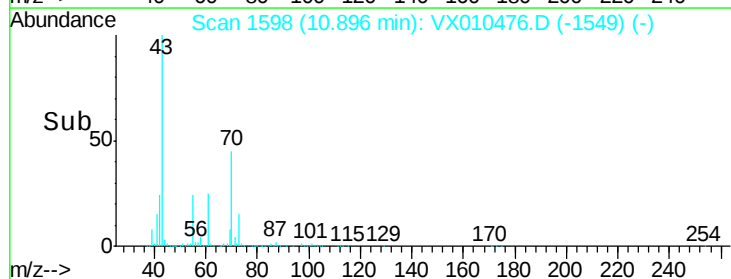
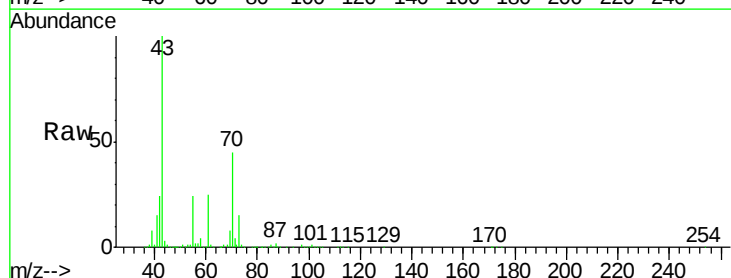
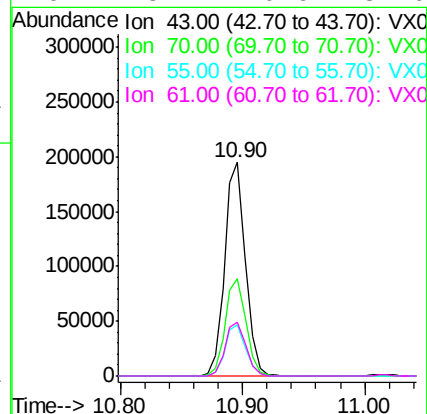
Ion Ratio Lower Upper

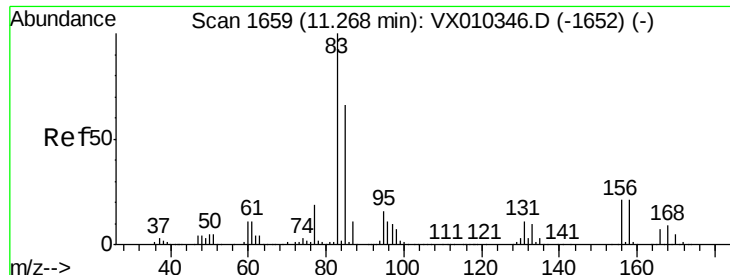
43 100

70 46.0 36.6 54.8

55 24.3 18.7 28.1

61 25.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.894 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 194187

Ion Ratio Lower Upper

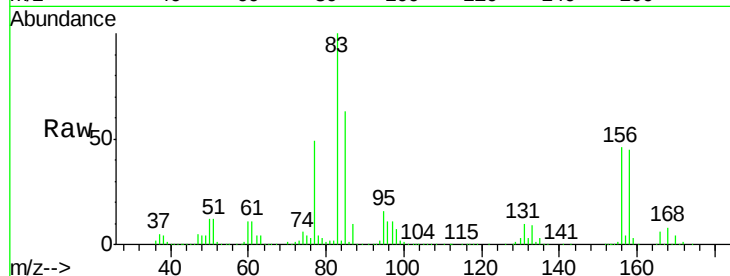
83 100

131 11.2 5.5 16.4

85 64.6 32.3 96.8

Manual Integrations
APPROVED

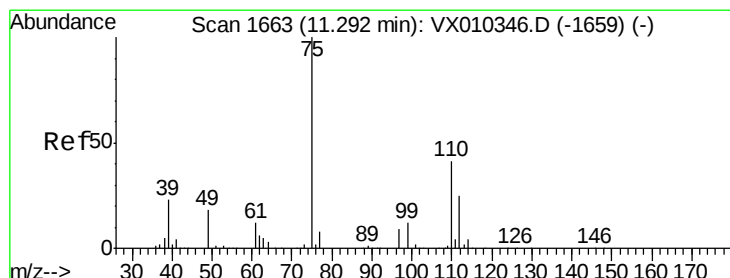
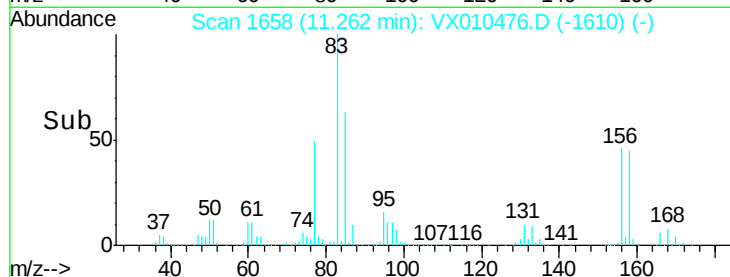
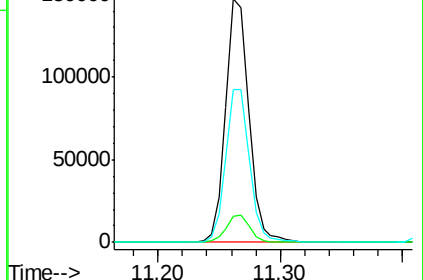
MMDadoda
6/28/2019 10:37:27 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.939 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010476.D

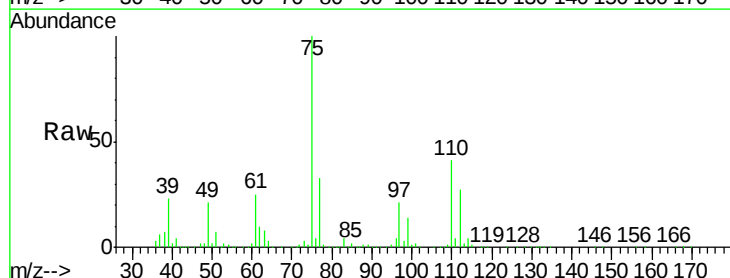
Acq: 27 Jun 2019 09:47

Tgt Ion: 75 Resp: 164499

Ion Ratio Lower Upper

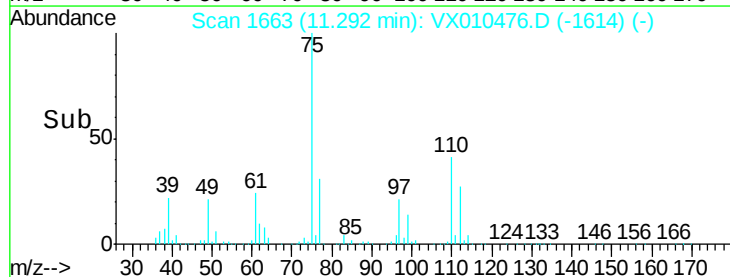
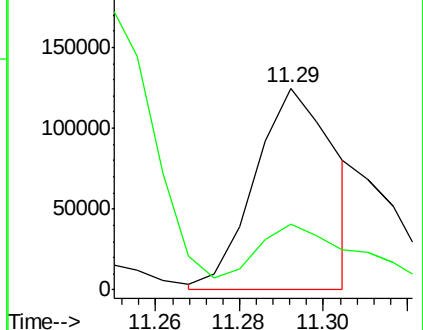
75 100

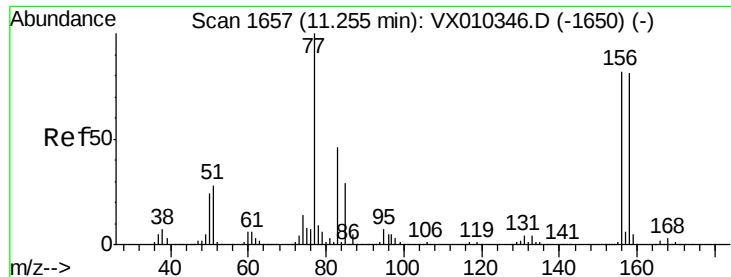
77 43.2 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.889 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

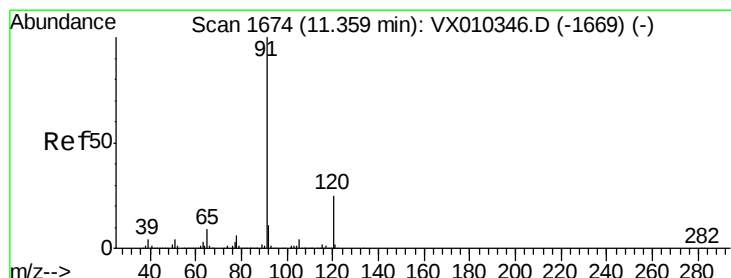
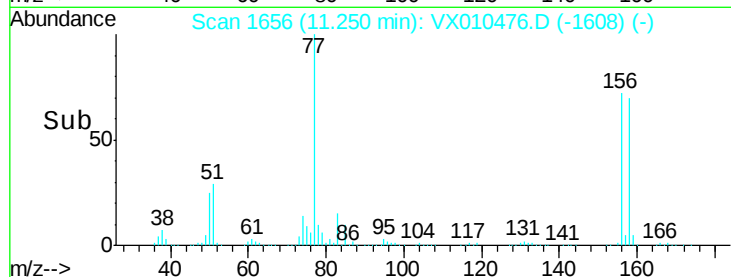
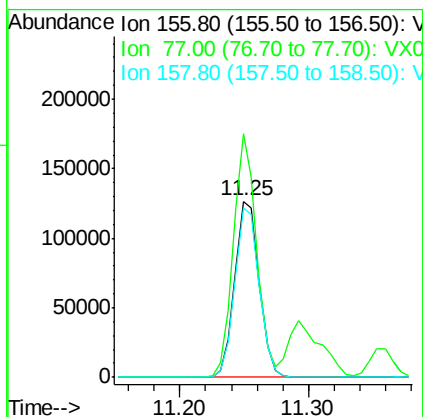
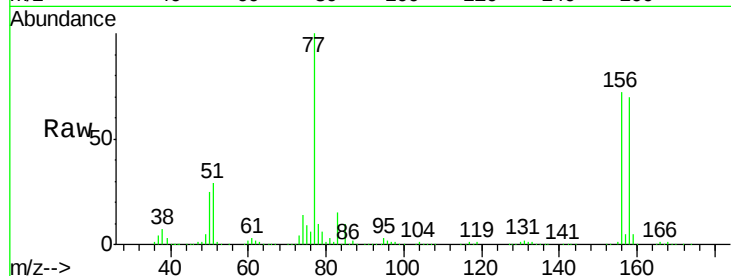
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	167203
Ion Ratio	Lower	Upper	
156	100		
77	131.8	66.3	198.7
158	96.5	48.9	146.7

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#78

n-propylbenzene

Concen: 50.299 ug/l

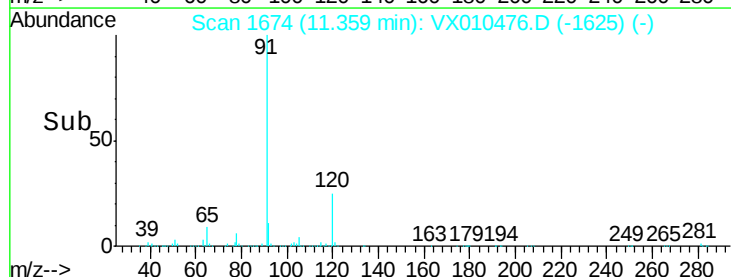
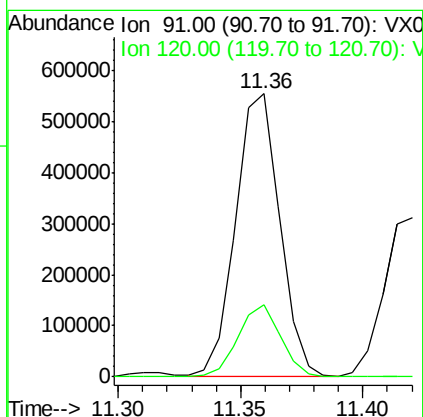
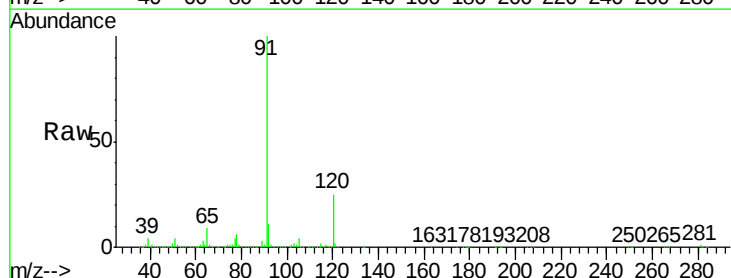
RT: 11.36 min Scan# 1674

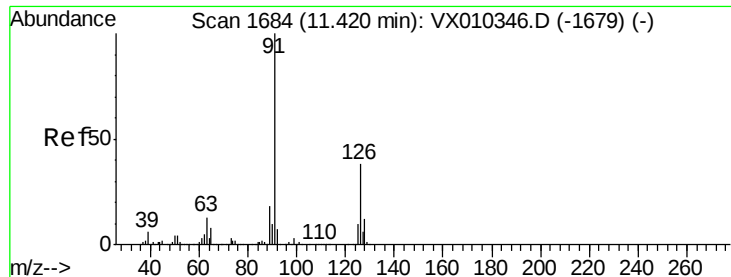
Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion:	91	Resp:	691235
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.4	37.4





#79

2-Chlorotoluene

Concen: 49.003 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 401007

Ion Ratio Lower Upper

91 100

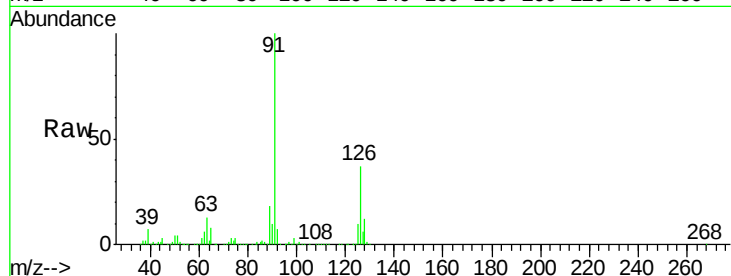
126 37.1 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)

600000

500000

400000

300000

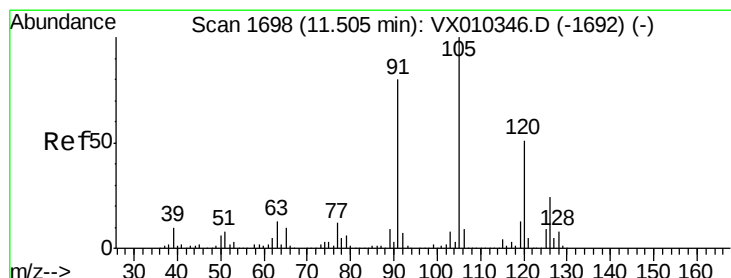
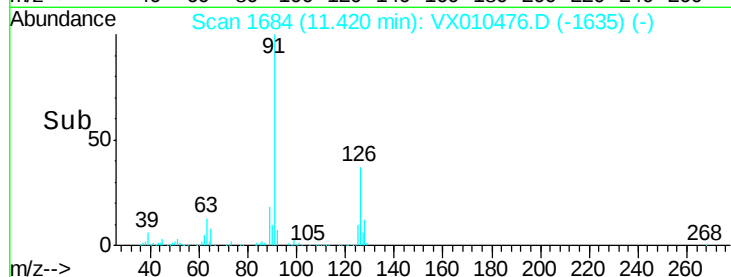
200000

100000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.863 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010476.D

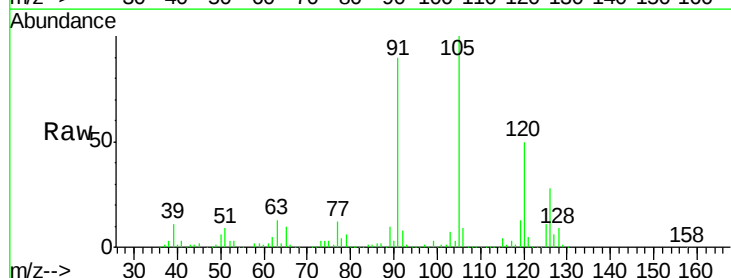
Acq: 27 Jun 2019 09:47

Tgt Ion: 105 Resp: 513991

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)

400000

300000

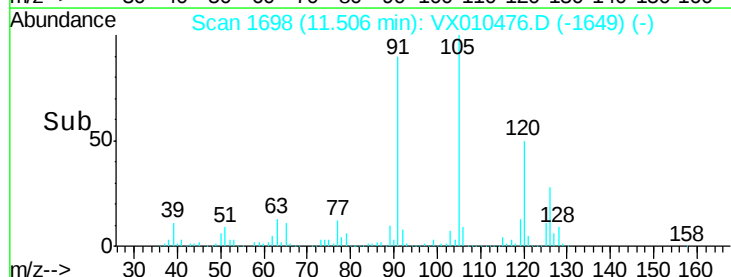
200000

100000

0

11.45 11.50 11.55 11.60

Time-->





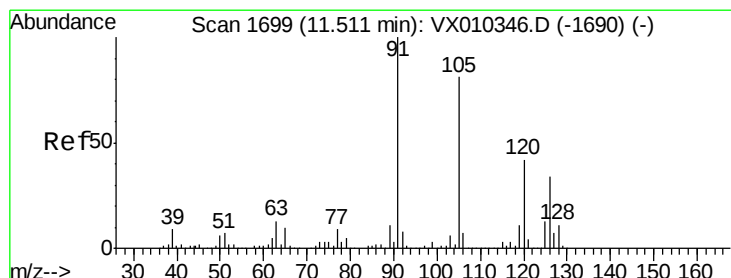
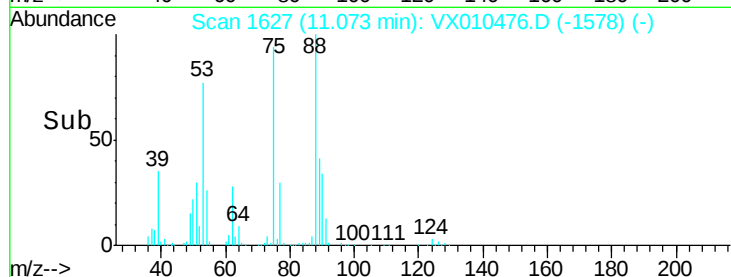
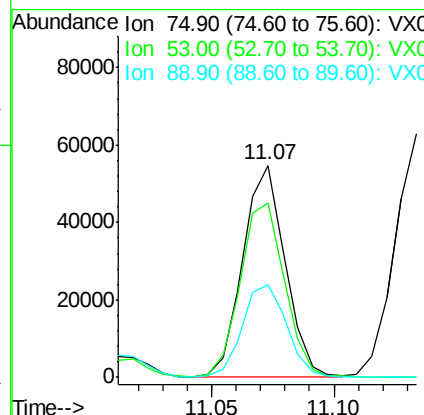
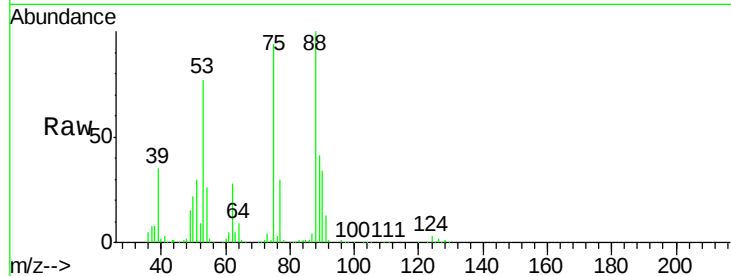
#81
trans-1,4-Dichloro-2-butene
Concen: 45.337 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	66.1	99.1
89	46.6	37.8	56.6

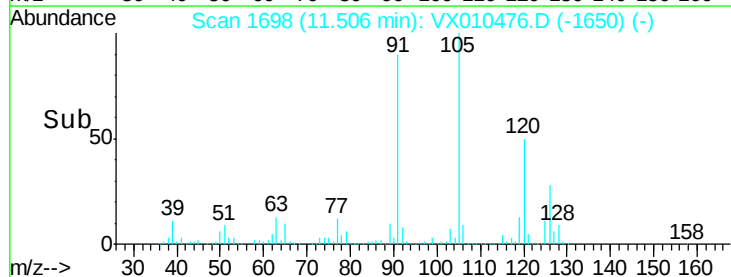
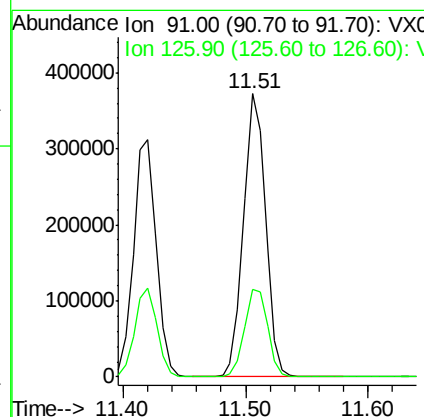
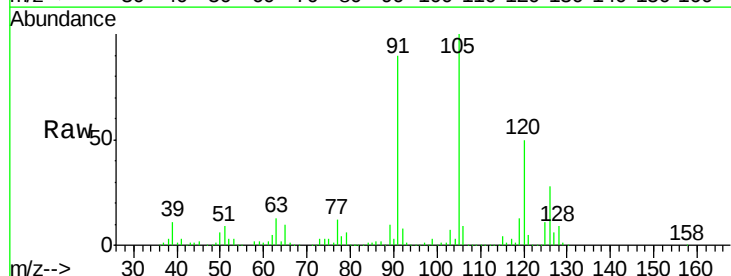
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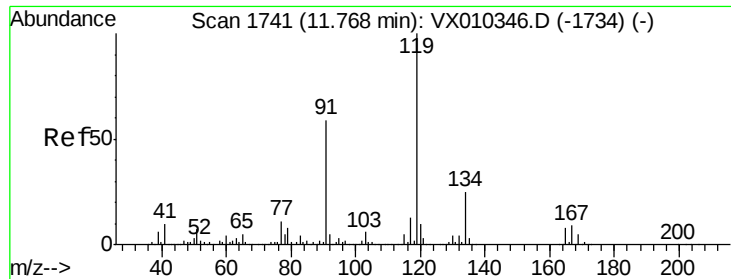
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#82
4-Chlorotoluene
Concen: 49.641 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.6





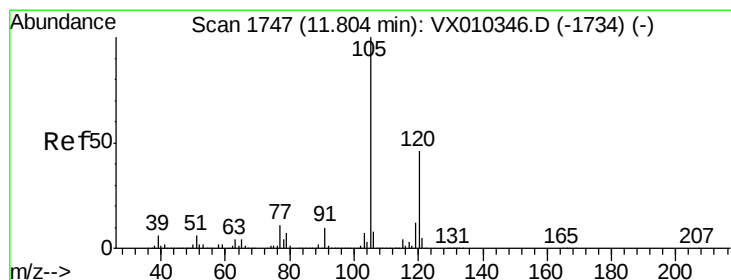
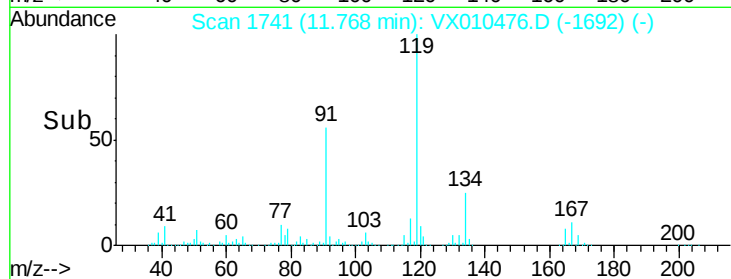
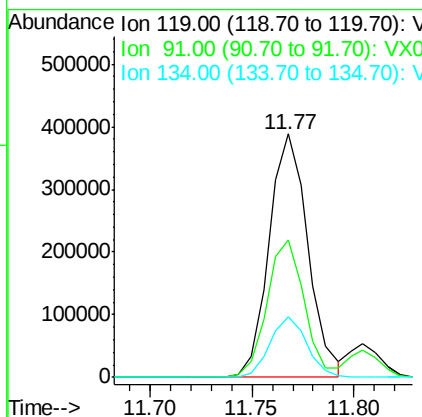
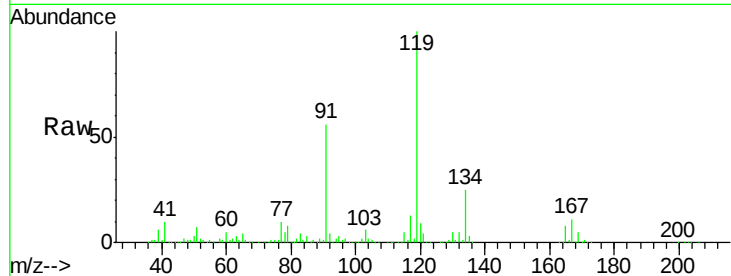
#83
tert-Butylbenzene
Concen: 49.865 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.5	27.6	82.7
134	23.5	11.8	35.4

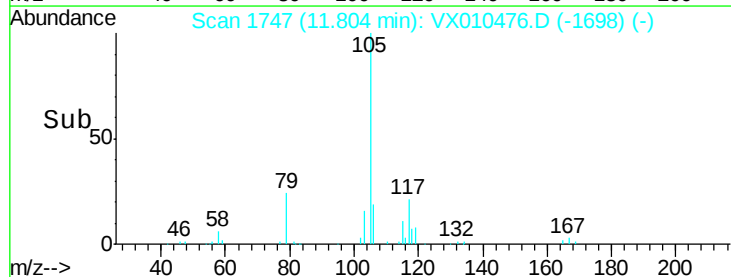
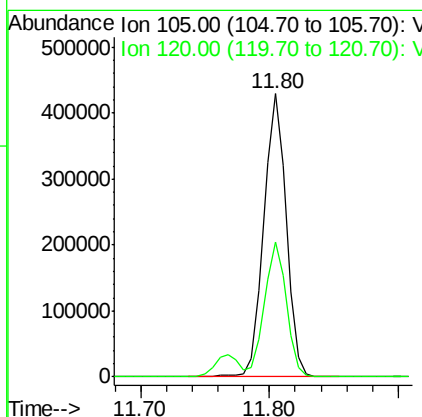
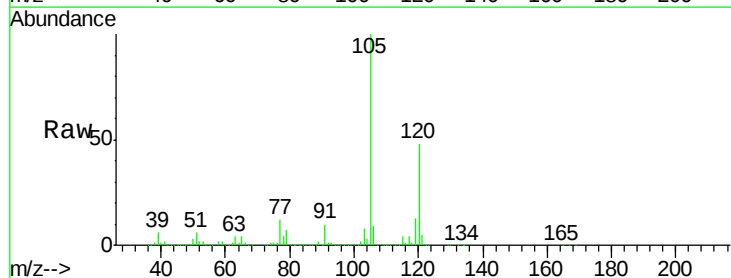
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#84
1,2,4-Trimethylbenzene
Concen: 49.958 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 610905

Ion Ratio Lower Upper

105 100

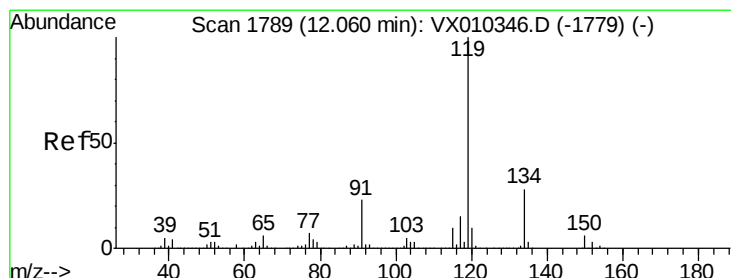
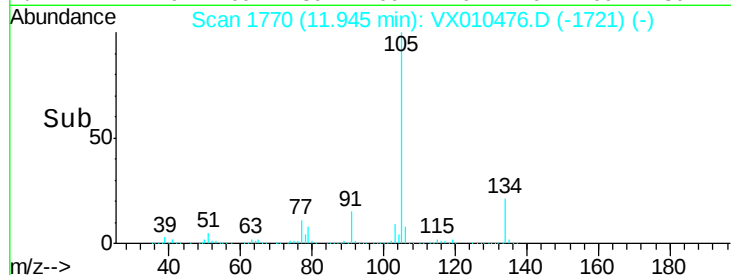
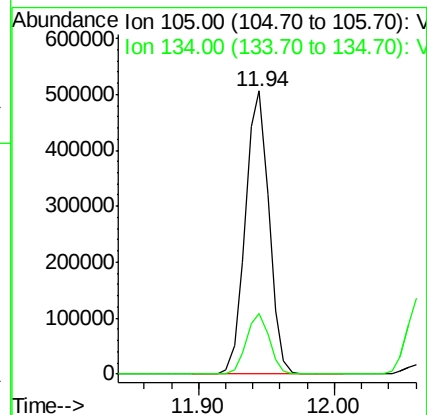
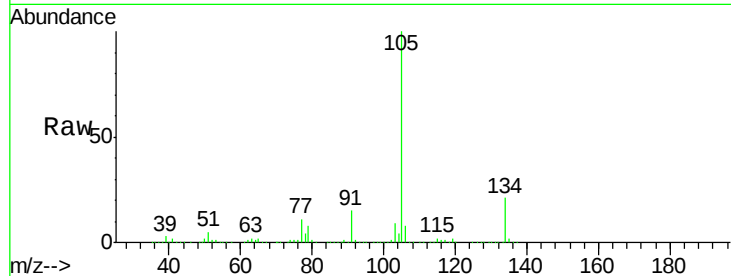
134 21.0 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.034 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

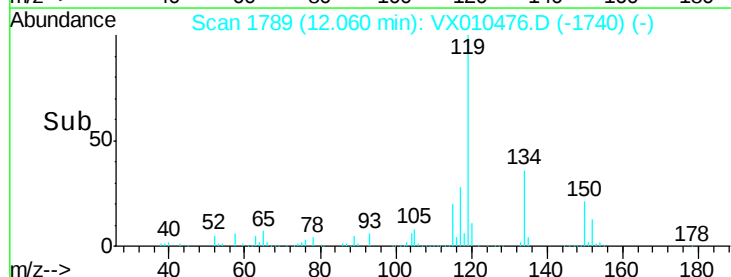
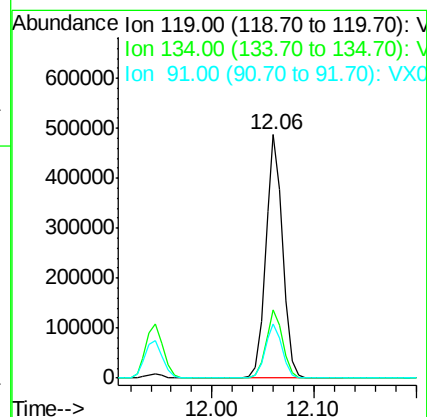
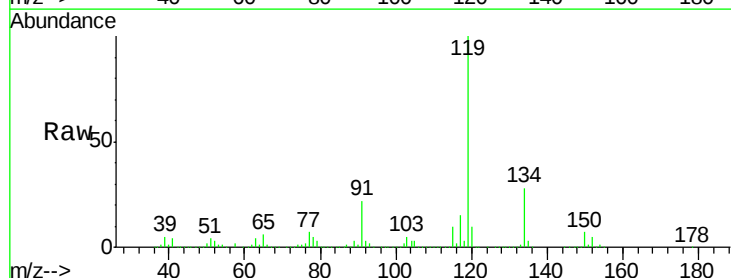
Tgt Ion:119 Resp: 562193

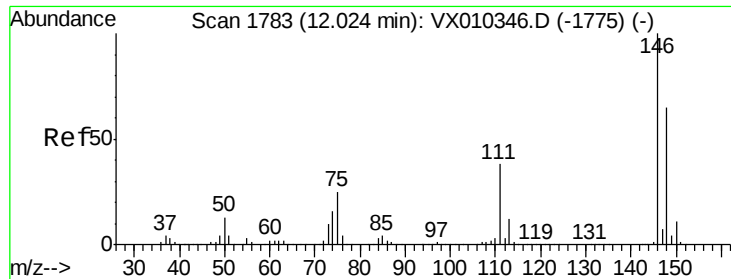
Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

91 22.3 11.3 33.8





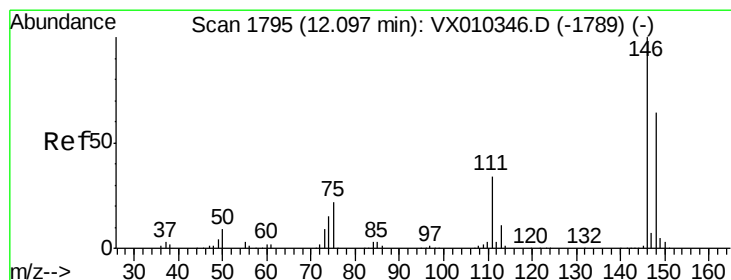
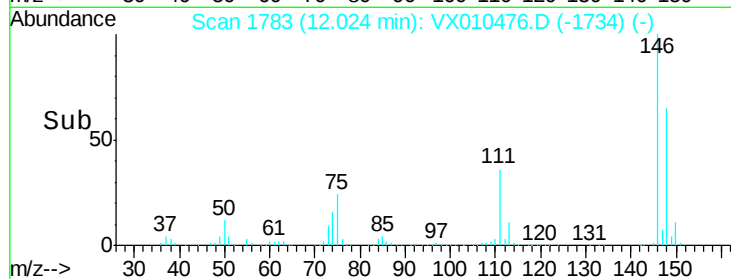
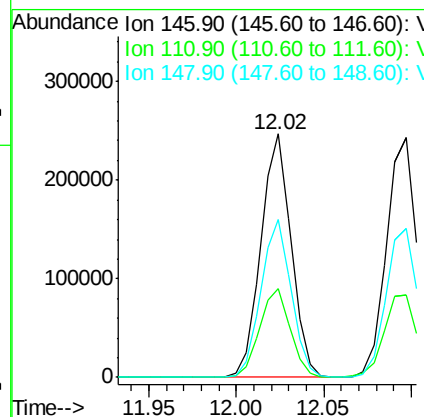
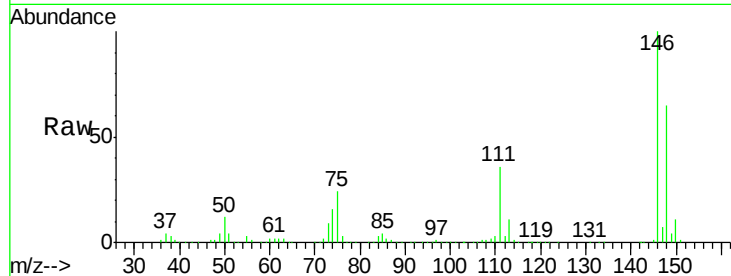
#87
 1,3-Dichlorobenzene
 Concen: 48.768 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	64.6	32.5	97.4

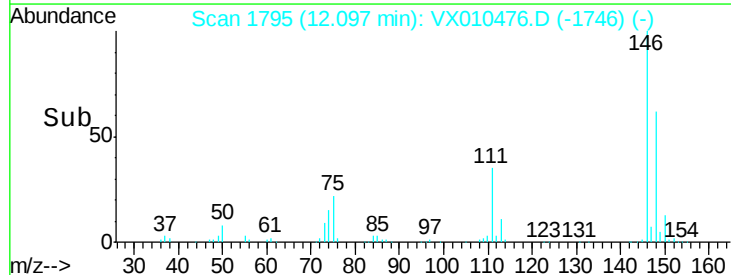
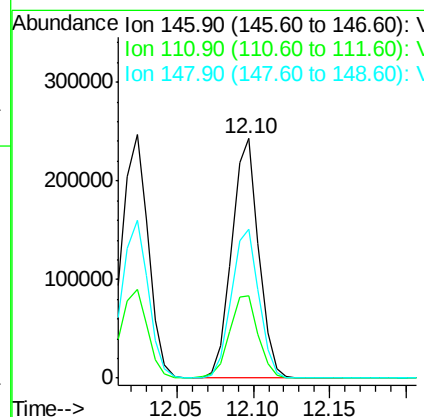
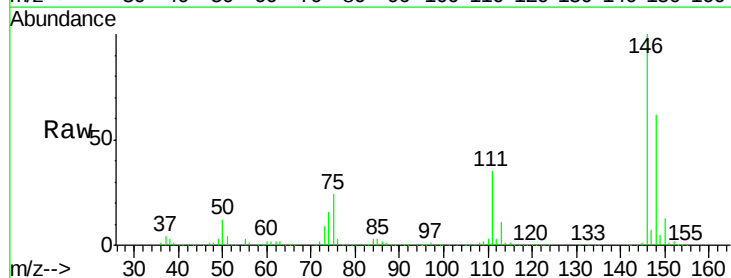
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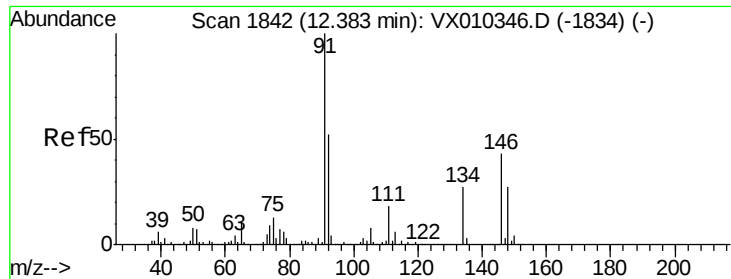
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#88
 1,4-Dichlorobenzene
 Concen: 47.567 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.3
148	63.8	32.1	96.3





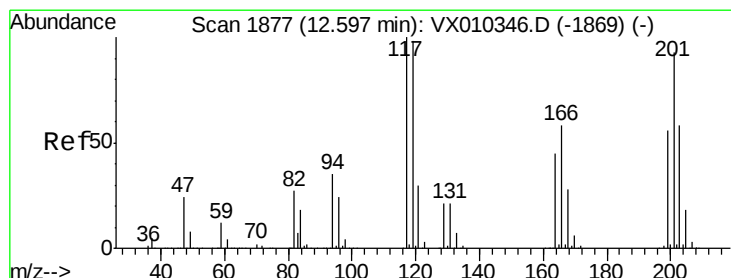
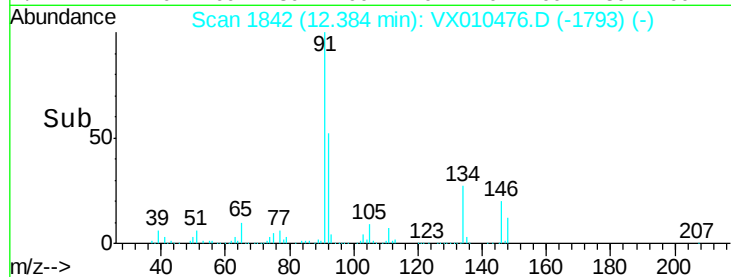
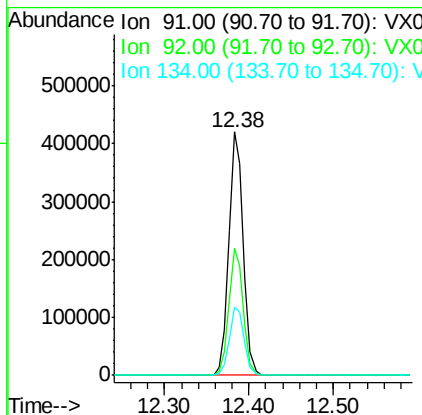
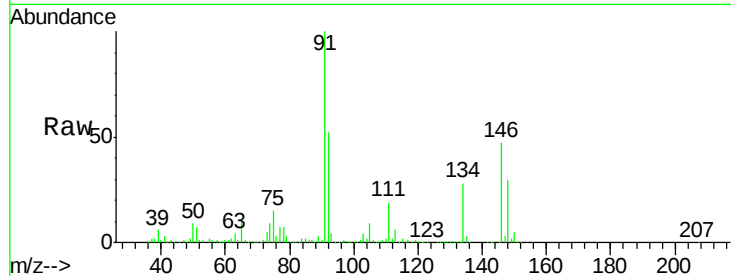
#89
n-Butylbenzene
Concen: 51.636 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.2	78.5
134	28.4	14.1	42.4

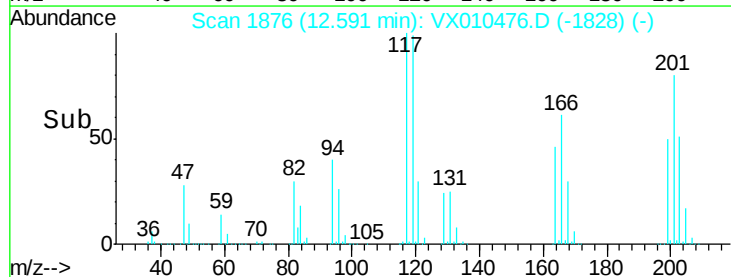
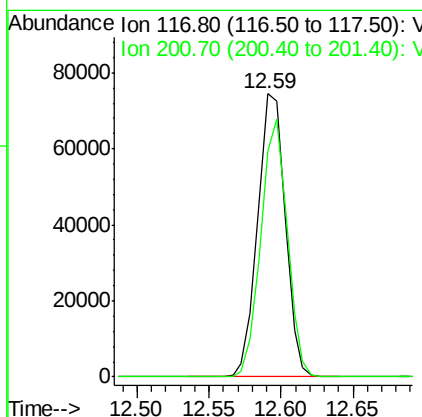
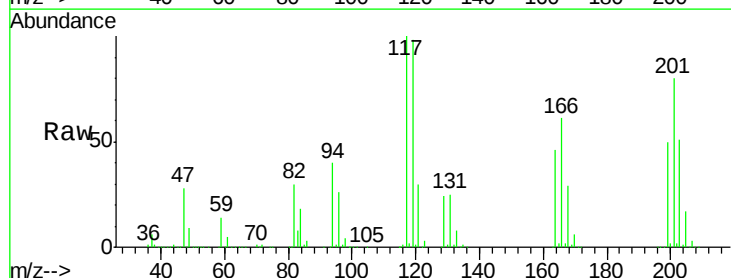
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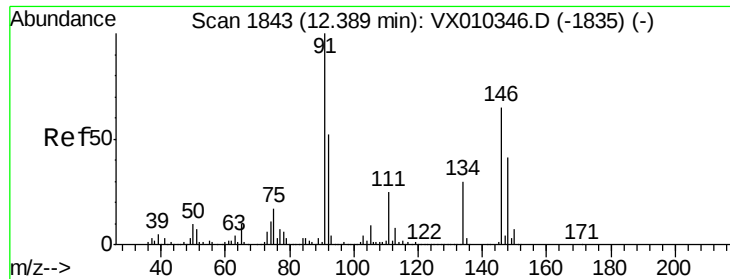
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#90
Hexachloroethane
Concen: 50.656 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010476.D
Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.0	131.8





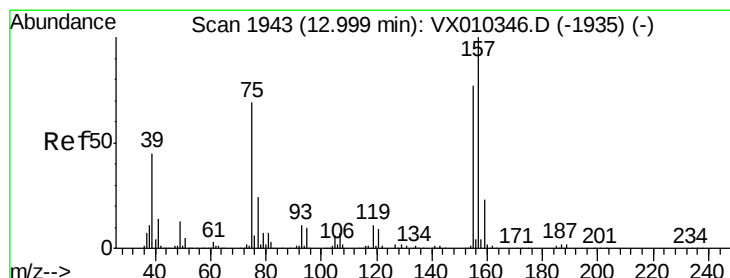
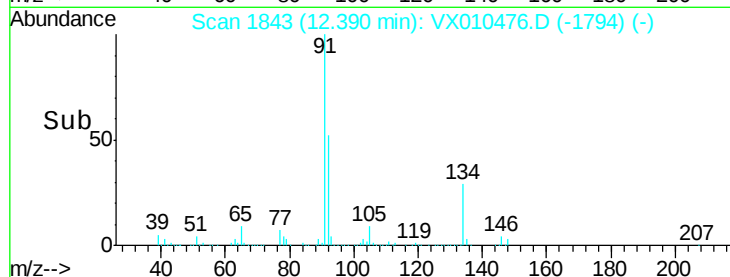
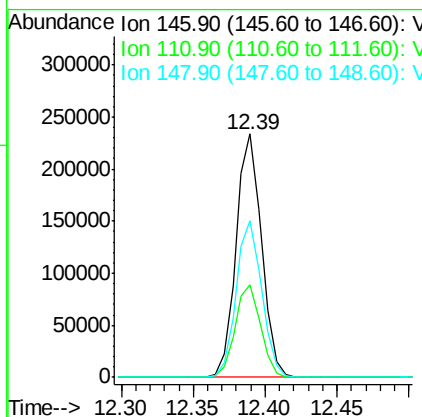
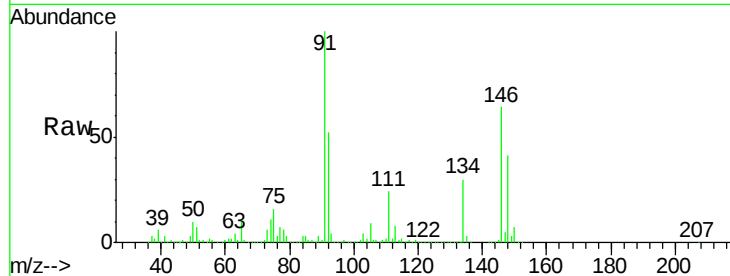
#91
 1,2-Dichlorobenzene
 Concen: 47.711 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	64.6	32.0	96.0

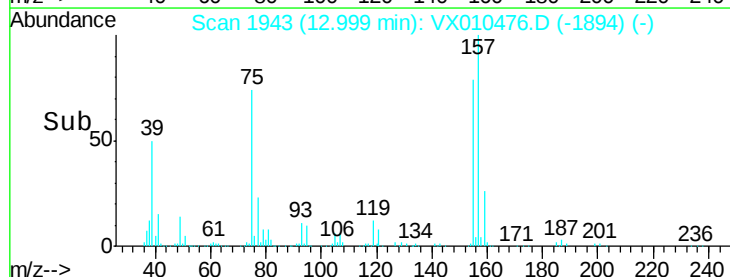
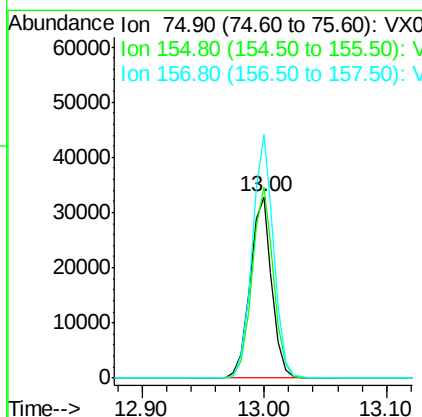
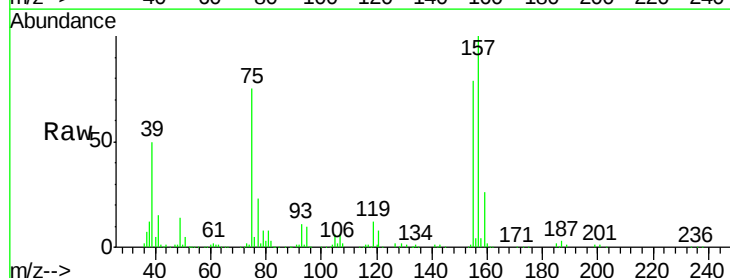
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.291 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.0	54.4	163.1
157	132.3	69.5	208.3





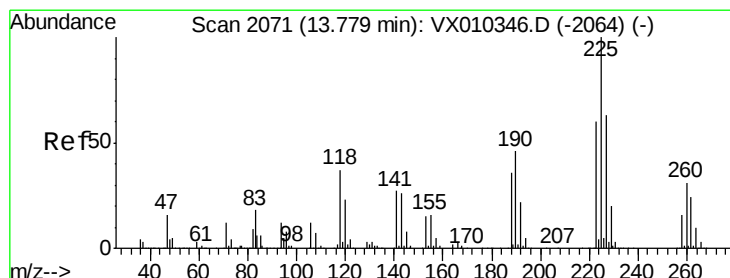
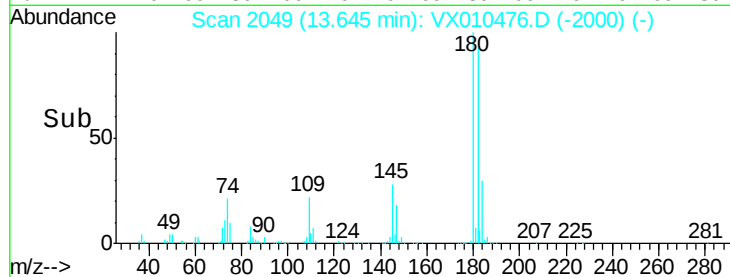
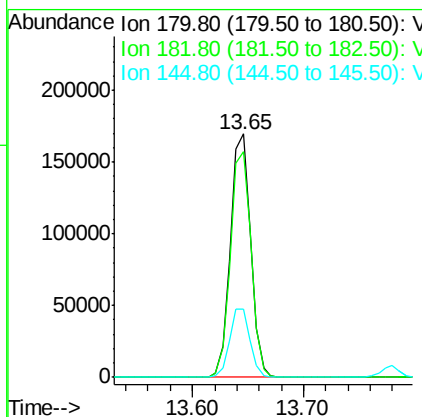
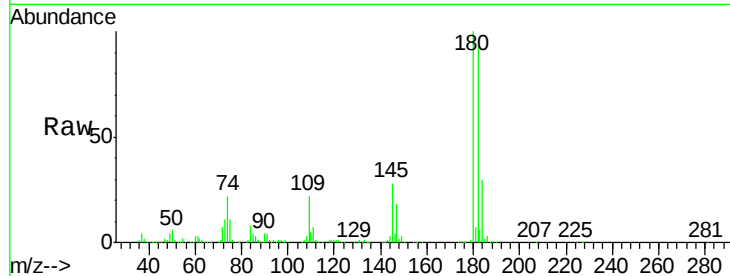
#93
 1,2,4-Trichlorobenzene
 Concen: 50.669 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	212841		
182	94.8	48.0	144.0	
145	28.3	14.4	43.4	

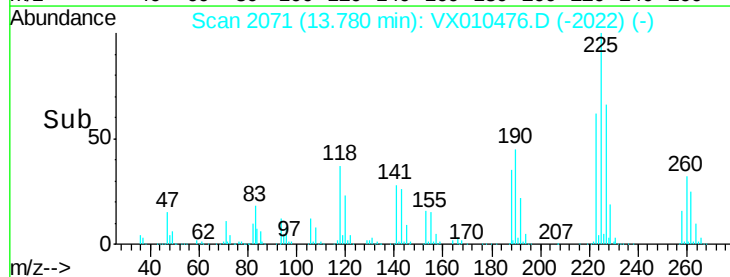
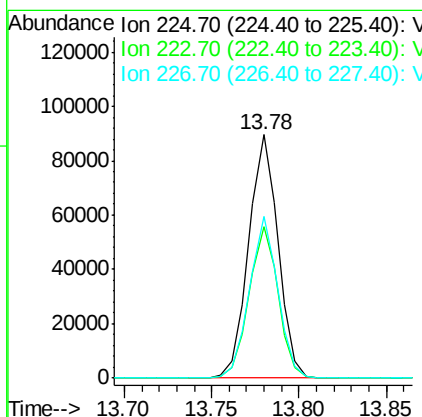
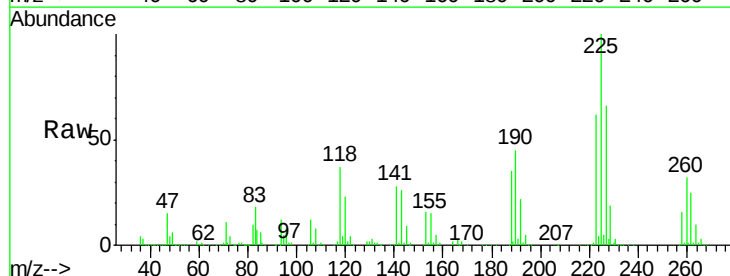
Manual Integrations
 APPROVED

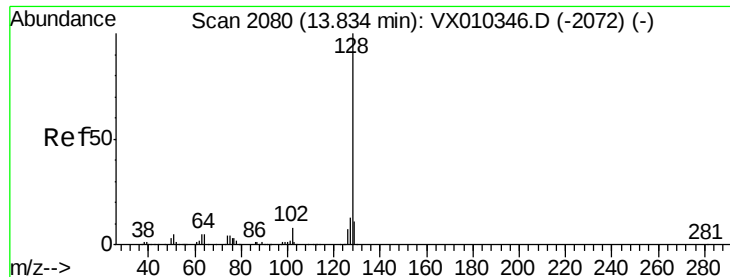
MMDadoda
 6/28/2019 10:37:27 AM



#94
 Hexachlorobutadiene
 Concen: 51.204 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010476.D
 Acq: 27 Jun 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105122		
223	61.6	30.9	92.7	
227	64.0	31.9	95.5	





#95

Naphthalene

Concen: 48.734 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Instrument :

MSVOA_X

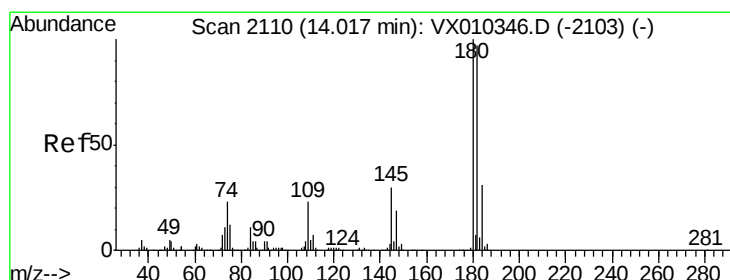
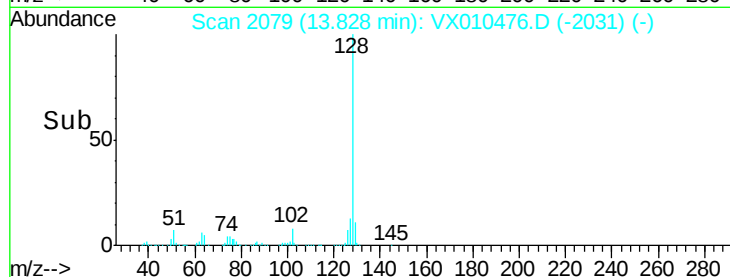
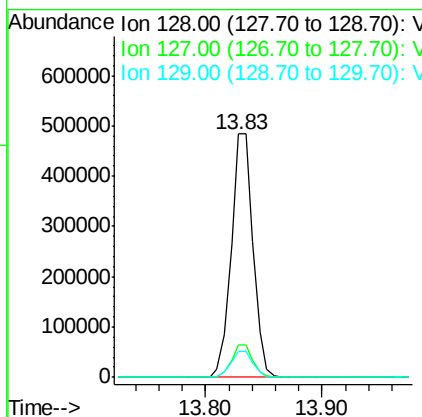
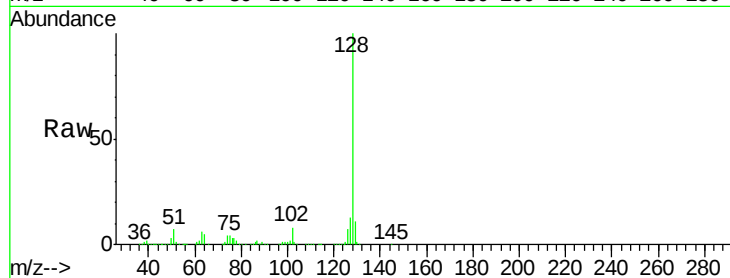
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	629094
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/28/2019 10:37:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.559 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010476.D

Acq: 27 Jun 2019 09:47

Tgt Ion:	180	Resp:	211161
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	30.6	15.2	45.6

