

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010525.D
 Acq On : 28 Jun 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 11:35:33 AM

Quant Time: Jun 29 04:49:48 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	262851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	369913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	181638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124957	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	5.49	113	123845	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
50) Toluene-d8	8.71	98	462664	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	11.13	95	172319	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81985	44.864	ug/l	98
3) Chloromethane	1.32	50	88374	41.531	ug/l	98
4) Vinyl Chloride	1.41	62	99127	42.531	ug/l	99
5) Bromomethane	1.64	94	51676	45.510	ug/l	99
6) Chloroethane	1.71	64	64686	47.042	ug/l	97
7) Trichlorofluoromethane	1.93	101	179483	48.578	ug/l	100
8) Diethyl Ether	2.19	74	62742	47.353	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107398	47.967	ug/l	99
10) Methyl Iodide	2.51	142	154925	48.484	ug/l	98
11) Tert butyl alcohol	3.04	59	130581	202.490	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102163	44.841	ug/l	99
13) Acrolein	2.29	56	104192	243.556	ug/l	98
14) Allyl chloride	2.73	41	149060	46.083	ug/l	99
15) Acrylonitrile	3.14	53	291710	228.473	ug/l	99
16) Acetone	2.44	43	299828	242.751	ug/l	98
17) Carbon Disulfide	2.57	76	245533	40.169	ug/l	99
18) Methyl Acetate	2.77	43	113327	46.036	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	339200	47.325	ug/l	99
20) Methylene Chloride	2.85	84	118242	46.519	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	111867	45.653	ug/l	97
22) Diisopropyl ether	3.85	45	320600	47.406	ug/l	90
23) Vinyl Acetate	3.81	43	1407590	240.931	ug/l	100
24) 1,1-Dichloroethane	3.69	63	183727	47.000	ug/l	99
25) 2-Butanone	4.67	43	422762	233.341	ug/l	99
26) 2,2-Dichloropropane	4.58	77	162083	47.730	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132182	46.681	ug/l	99
28) Bromochloromethane	5.01	49	83087	44.455	ug/l	98
29) Tetrahydrofuran	5.12	42	248533	221.464	ug/l	99
30) Chloroform	5.21	83	200244	47.609	ug/l	97
31) Cyclohexane	5.57	56	163403	45.902	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	176617	47.556	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143387	48.779	ug/l	99
37) Ethyl Acetate	4.83	43	151550	50.115	ug/l	99
38) Carbon Tetrachloride	5.78	117	158404	49.764	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194049	50.221	ug/l	97
40) Benzene	6.14	78	451774	49.331	ug/l	99
41) Methacrylonitrile	5.03	41	81911	49.366	ug/l	98
42) 1,2-Dichloroethane	6.19	62	145889	52.333	ug/l	99
43) Isopropyl Acetate	6.44	43	249997	49.967	ug/l	99
44) Trichloroethene	7.21	130	139379	50.862	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115190	49.808	ug/l	97
46) Dibromomethane	7.66	93	83312	50.210	ug/l	100
47) Bromodichloromethane	7.90	83	153072	50.339	ug/l	100
48) Methyl methacrylate	7.77	41	117426	50.493	ug/l	99
49) 1,4-Dioxane	7.74	88	60404	901.629	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	801333	250.424	ug/l	99
52) Toluene	8.78	92	303510	50.326	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170639	50.053	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	188888	50.984	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	126866	51.006	ug/l	98
56) Ethyl methacrylate	9.18	69	192651	51.130	ug/l	98
57) 1,3-Dichloropropane	9.37	76	194215	50.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	458075	255.984	ug/l	99
59) 2-Hexanone	9.49	43	631872	250.898	ug/l	100
60) Dibromochloromethane	9.58	129	140474	50.441	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135316	50.402	ug/l	100
64) Tetrachloroethene	9.34	164	139972	50.837	ug/l	98
65) Chlorobenzene	10.13	112	350527	50.720	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	130496	51.838	ug/l	99
67) Ethyl Benzene	10.25	91	595863	51.071	ug/l	100
68) m/p-Xylenes	10.35	106	462790	102.368	ug/l	99
69) o-Xylene	10.69	106	226748	51.002	ug/l	99
70) Styrene	10.71	104	390891	52.428	ug/l	100
71) Bromoform	10.85	173	111275	50.830	ug/l	99
73) Isopropylbenzene	11.02	105	611329	49.650	ug/l	99
74) N-amyl acetate	10.90	43	232777	50.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	195014	47.825	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161752m	48.869	ug/l	
77) Bromobenzene	11.25	156	168865	49.116	ug/l	99
78) n-propylbenzene	11.36	91	685814	50.680	ug/l	100
79) 2-Chlorotoluene	11.42	91	396174	49.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	513516	50.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63233	44.568	ug/l	96
82) 4-Chlorotoluene	11.51	91	461537	50.335	ug/l	99
83) tert-Butylbenzene	11.77	119	516912	50.738	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	520667	51.056	ug/l	99
85) sec-Butylbenzene	11.94	105	617255	51.602	ug/l	99
86) p-Isopropyltoluene	12.06	119	576385	52.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	302361	50.382	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	300373	49.163	ug/l	100
89) n-Butylbenzene	12.38	91	500236	53.205	ug/l	99
90) Hexachloroethane	12.60	117	90813	47.467	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	294988	49.456	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39769	45.235	ug/l	98

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VSTDCCC050

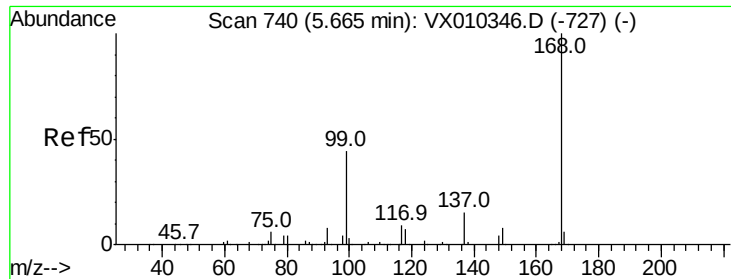
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218436	52.808	ug/l	100
94) Hexachlorobutadiene	13.78	225	111282	55.047	ug/l	98
95) Naphthalene	13.83	128	633965	49.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	216042	52.531	ug/l	100

(#) = 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: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 262851

Ion Ratio Lower Upper

168 100

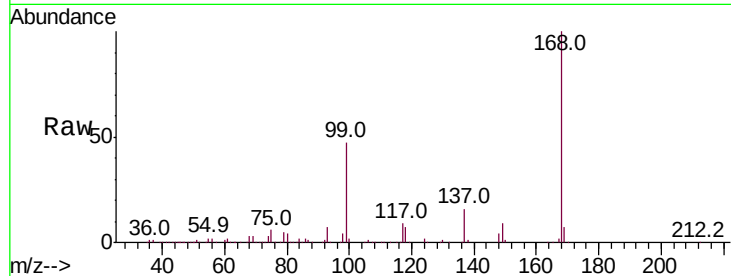
99 46.8 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

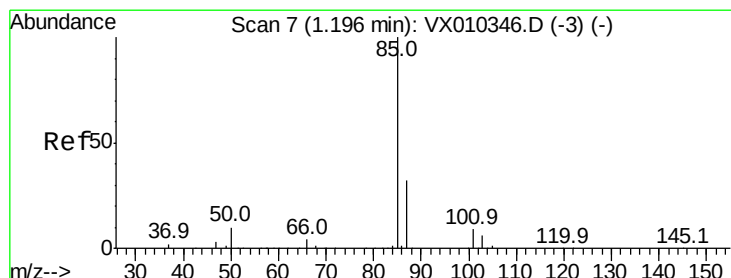
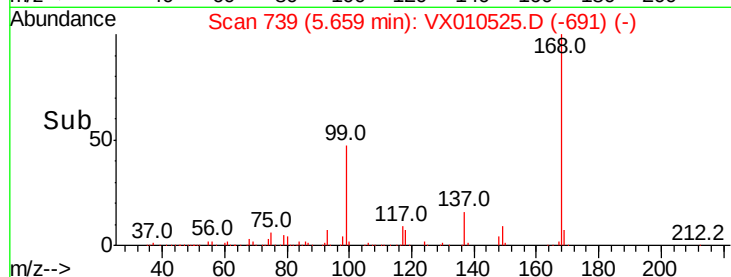
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.864 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010525.D

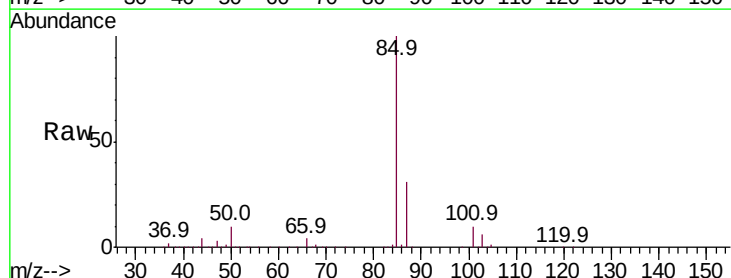
Acq: 28 Jun 2019 10:11

Tgt Ion: 85 Resp: 81985

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

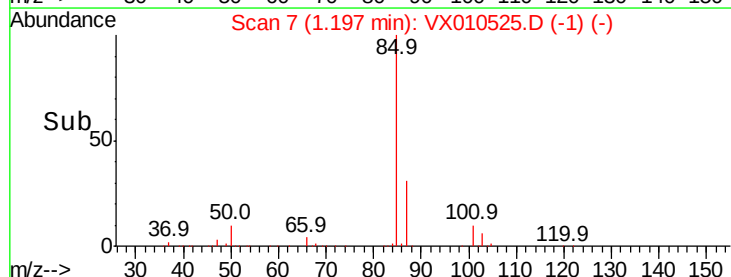
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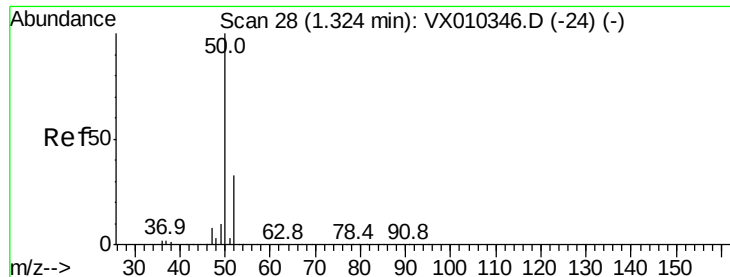
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.531 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 88374

Ion Ratio Lower Upper

50 100

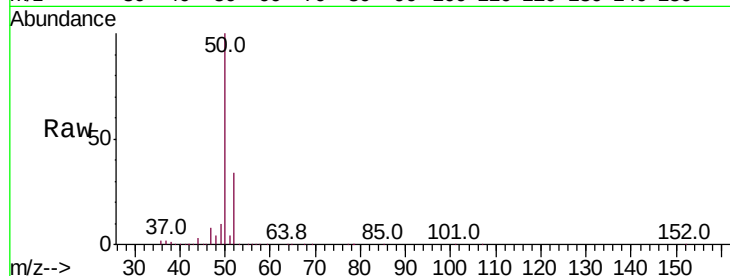
52 34.3 26.5 39.7

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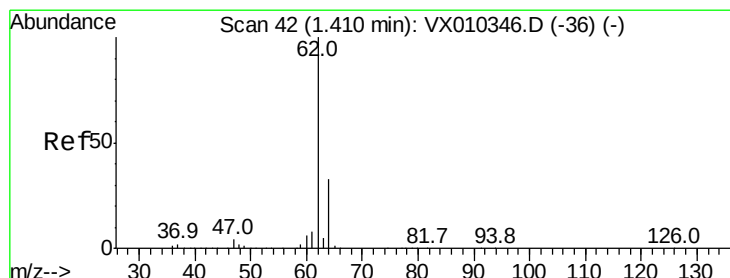
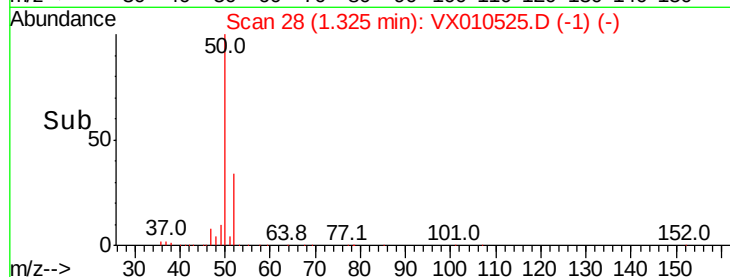
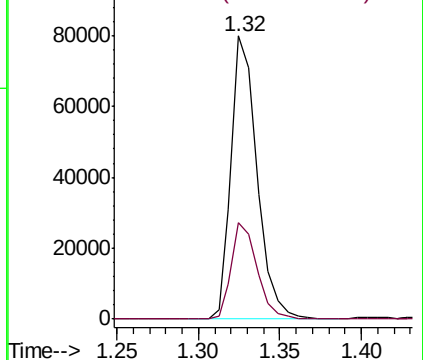
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.531 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010525.D

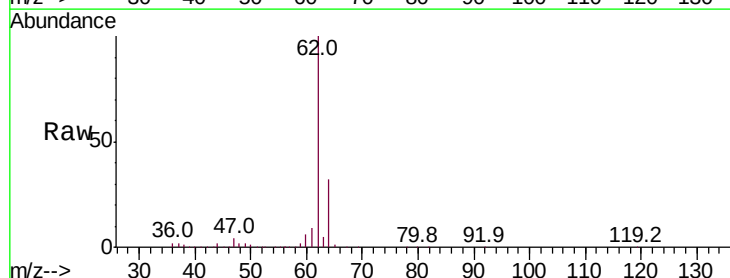
Acq: 28 Jun 2019 10:11

Tgt Ion: 62 Resp: 99127

Ion Ratio Lower Upper

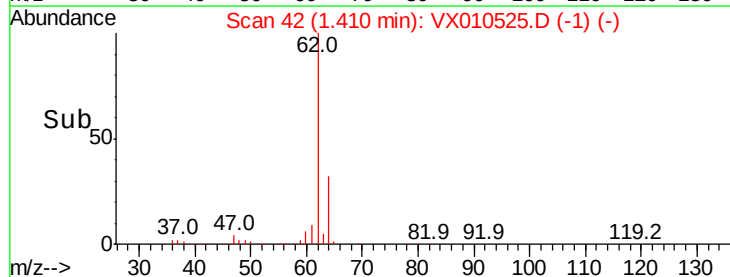
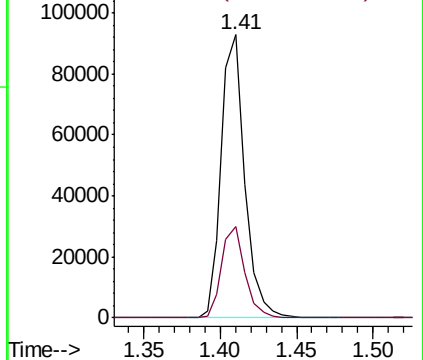
62 100

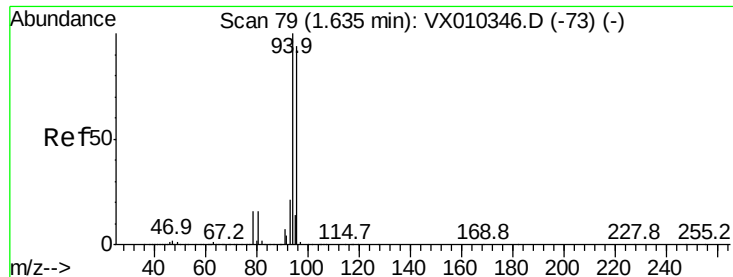
64 32.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.510 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 51676

Ion Ratio Lower Upper

94 100

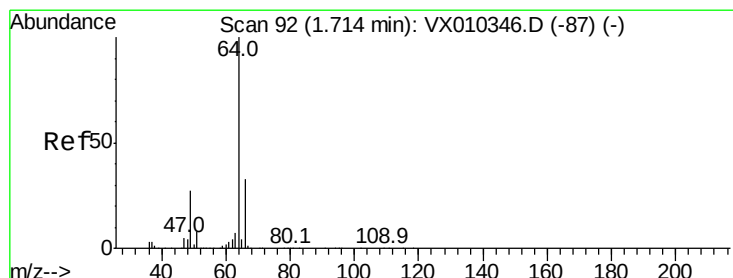
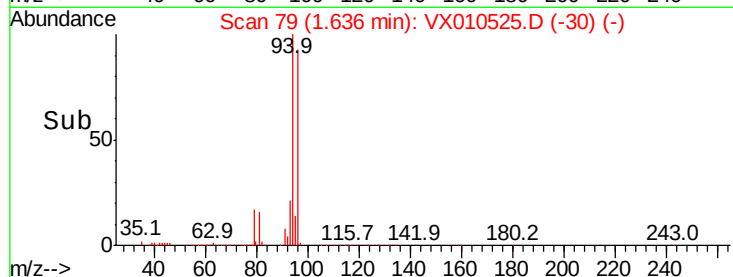
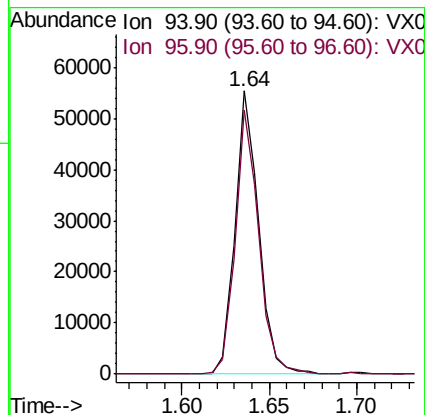
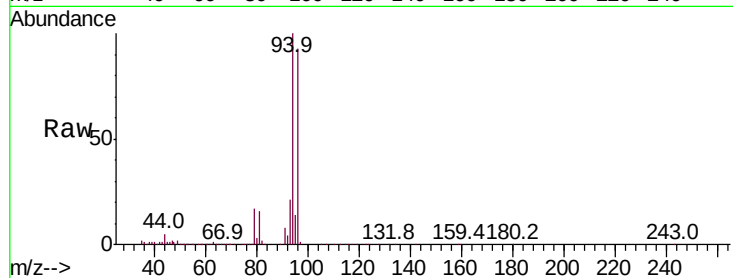
96 93.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 47.042 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010525.D

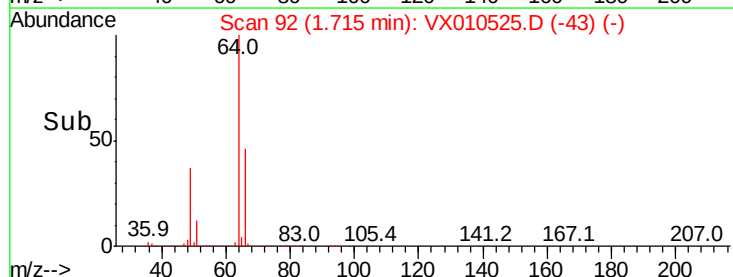
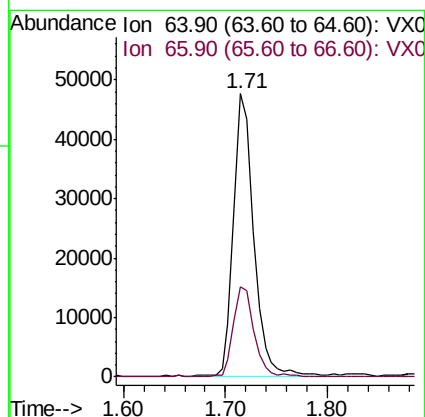
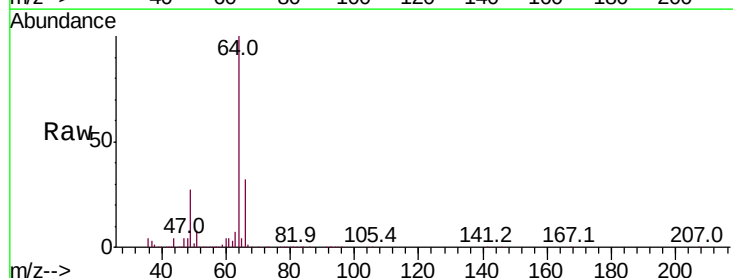
Acq: 28 Jun 2019 10:11

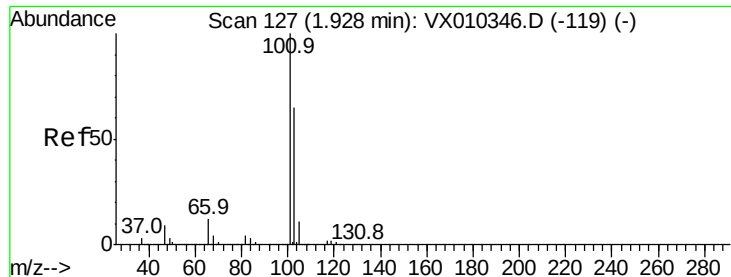
Tgt Ion: 64 Resp: 64686

Ion Ratio Lower Upper

64 100

66 31.7 26.6 40.0





#7

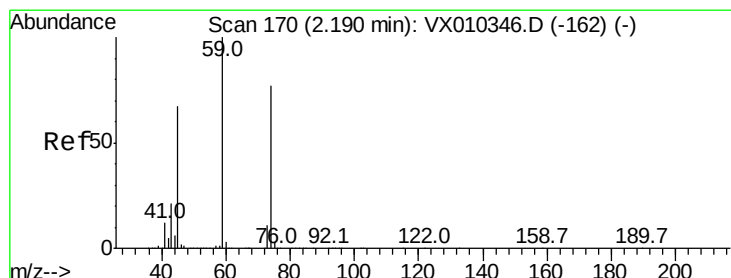
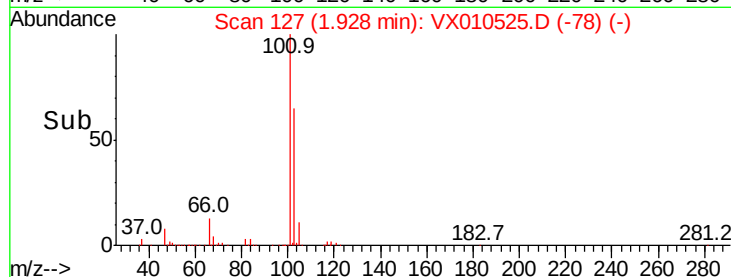
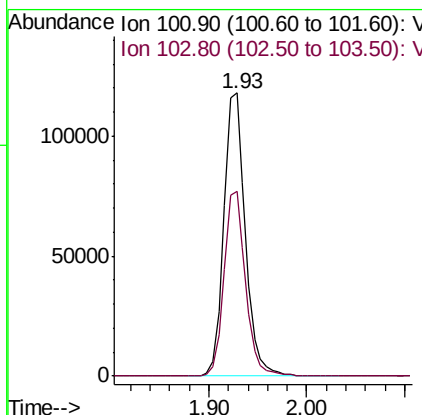
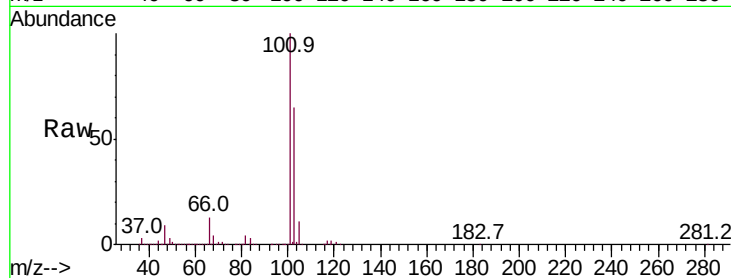
Trichlorofluoromethane
Concen: 48.578 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

Manual Integrations
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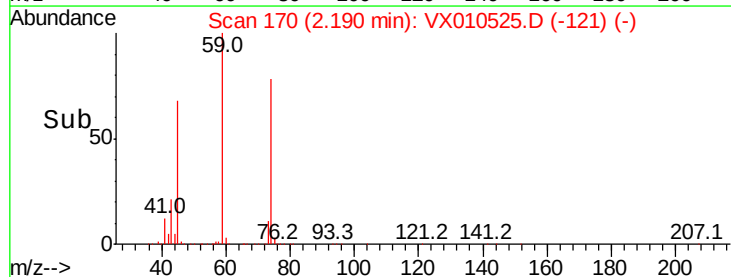
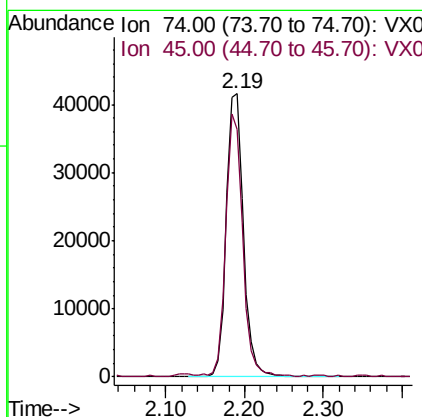
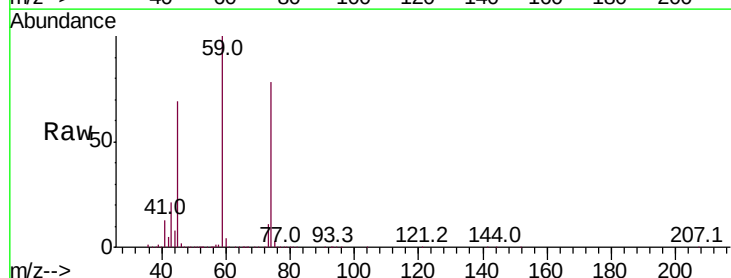
MMDadoda
7/1/2019 11:35:33 AM

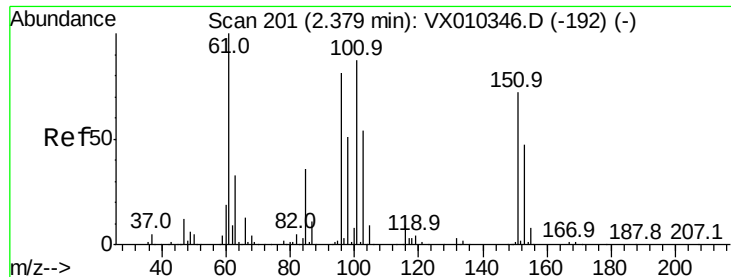


#8

Diethyl Ether
Concen: 47.353 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.967 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

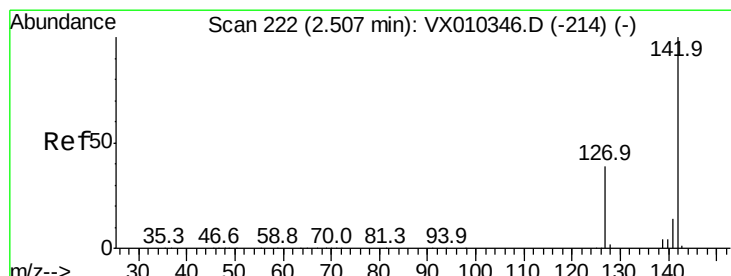
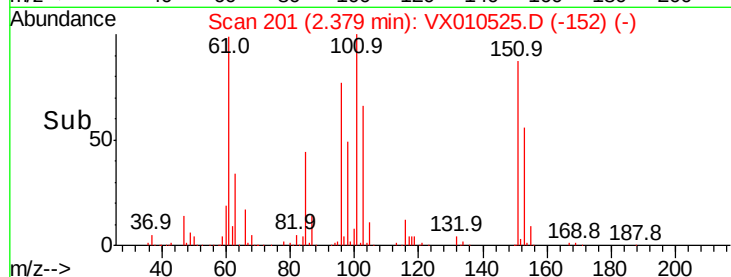
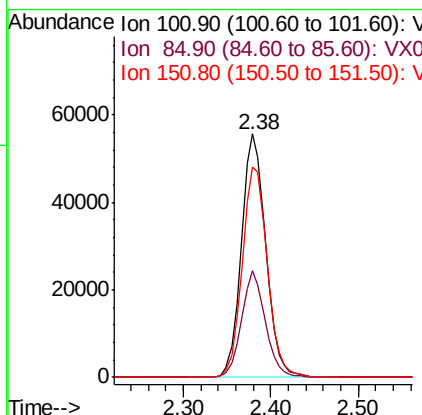
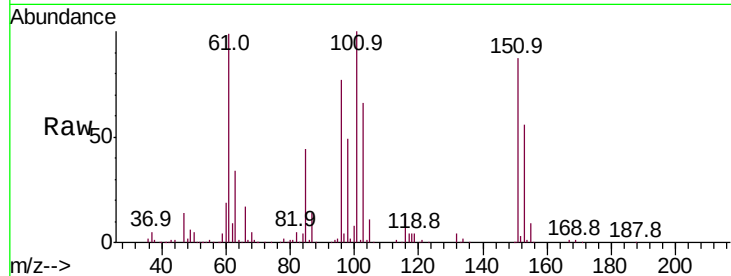
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	107398
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.7	50.5
151	89.0	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 48.484 ug/l

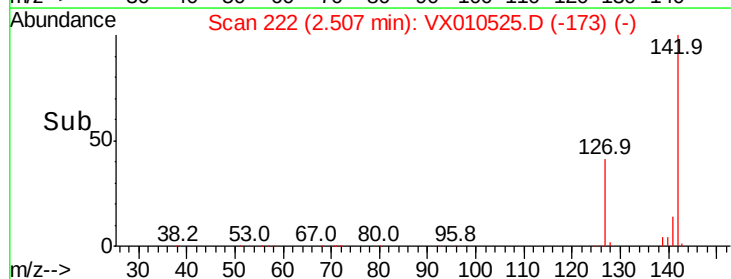
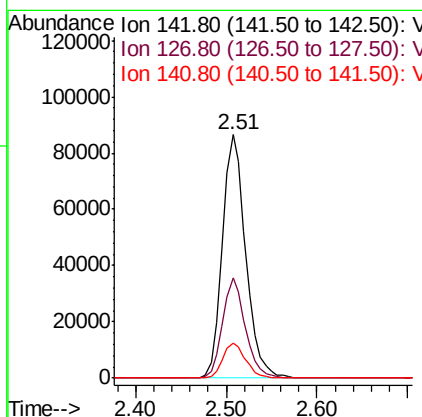
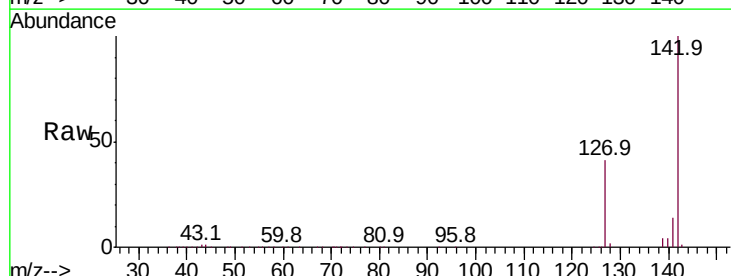
RT: 2.51 min Scan# 222

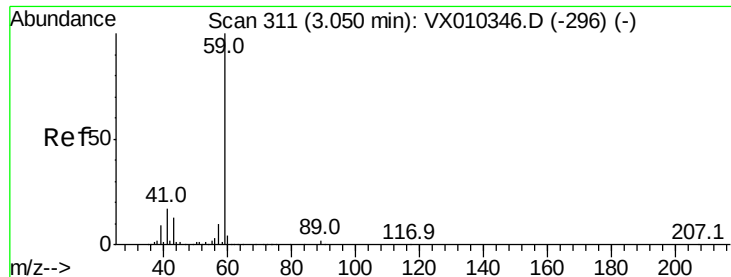
Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	142	Resp:	154925
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.1	46.7
141	14.2	11.2	16.8





#11

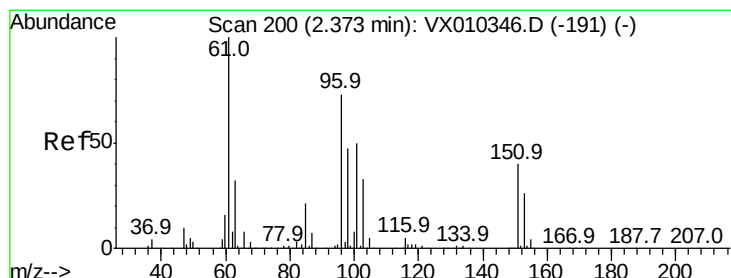
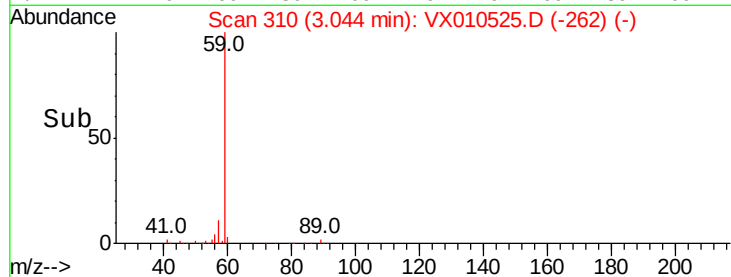
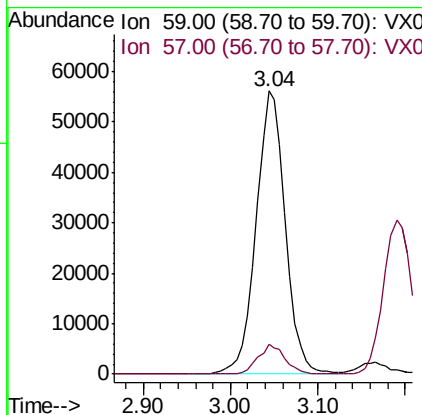
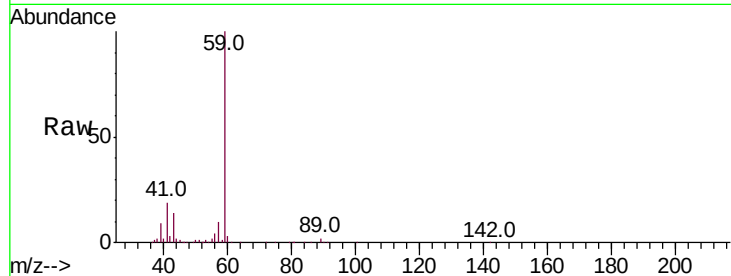
Tert butyl alcohol
Concen: 202.490 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	130581
Ion Ratio	100	Lower	Upper
57	10.0	7.7	11.5

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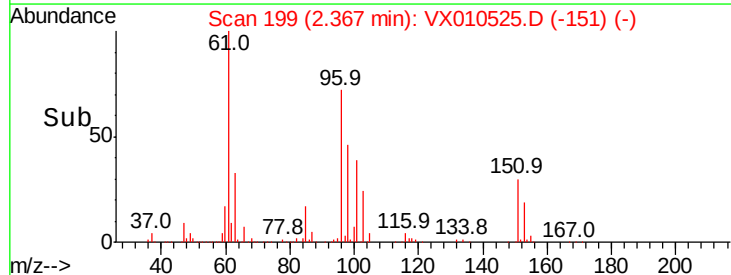
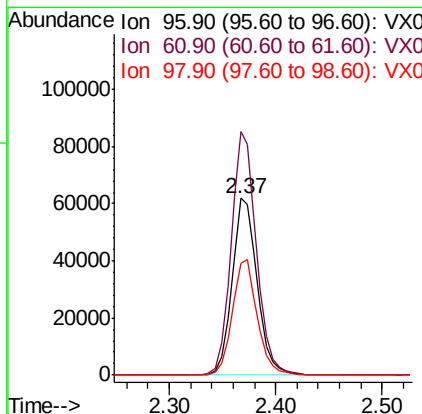
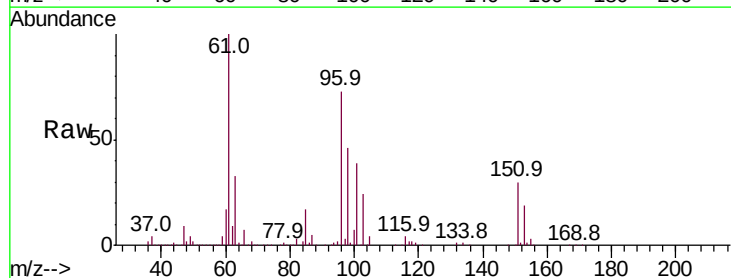
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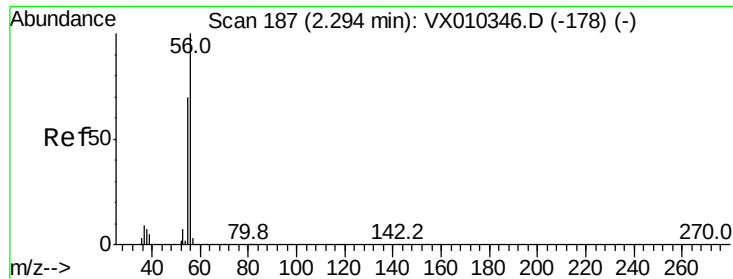


#12

1,1-Dichloroethene
Concen: 44.841 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	96	Resp	102163
Ion Ratio	100	Lower	Upper
61	137.9	109.2	163.8
98	63.5	51.1	76.7





#13

Acrolein

Concen: 243.556 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 104192

Ion Ratio Lower Upper

56 100

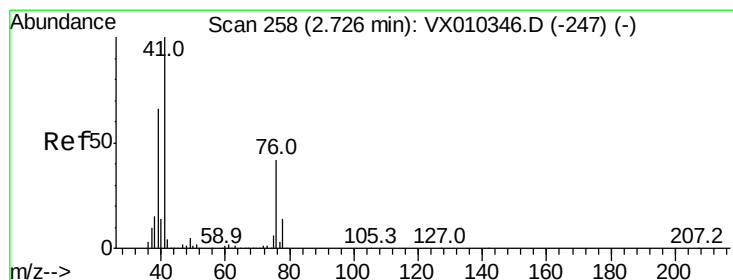
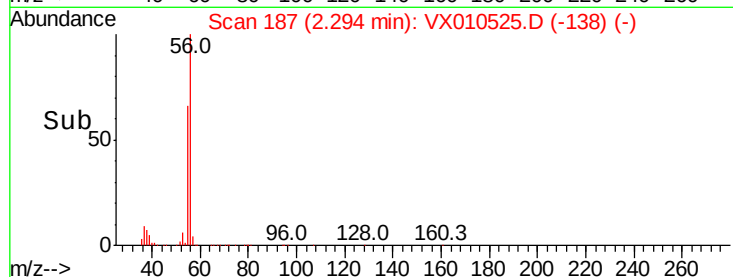
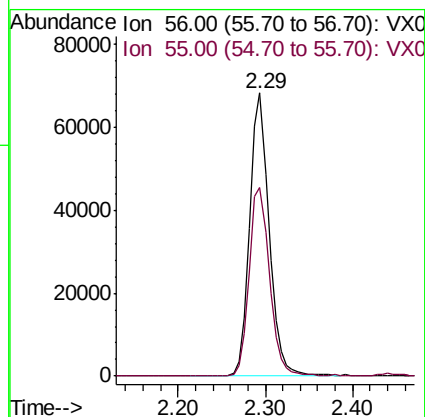
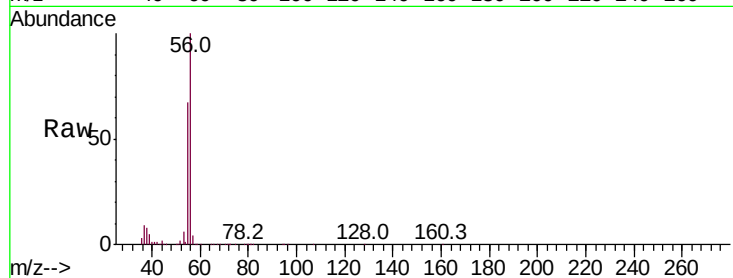
55 69.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 46.083 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

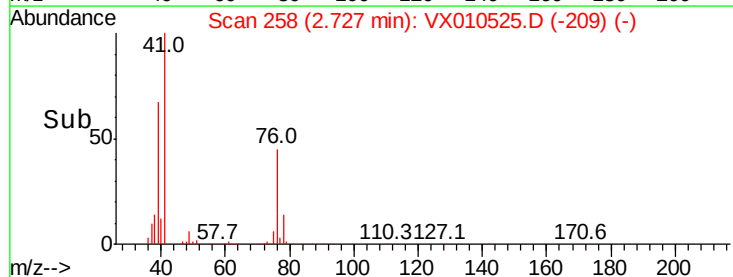
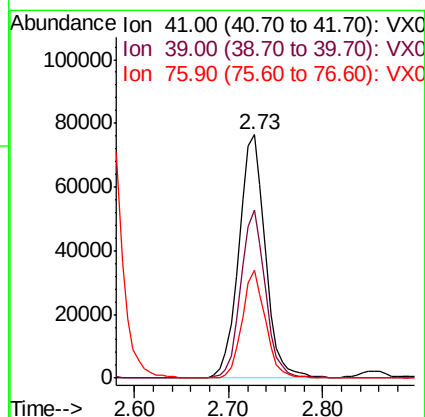
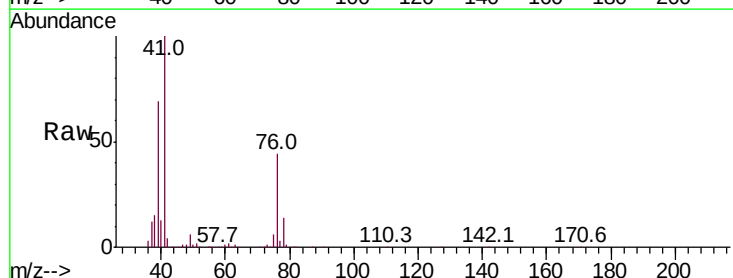
Tgt Ion: 41 Resp: 149060

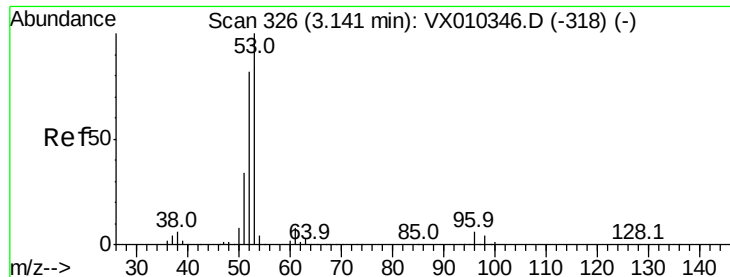
Ion Ratio Lower Upper

41 100

39 64.3 50.3 75.5

76 39.0 31.3 46.9





#15

Acrylonitrile

Concen: 228.473 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

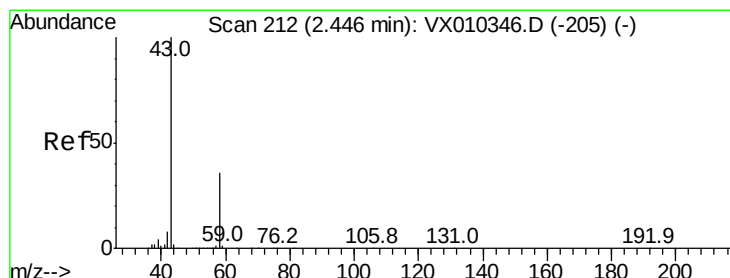
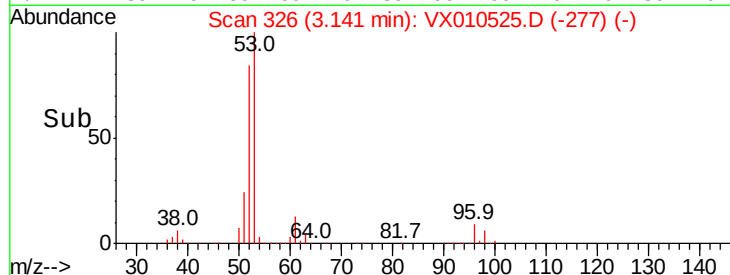
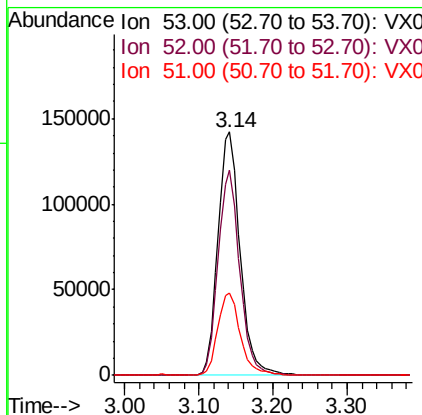
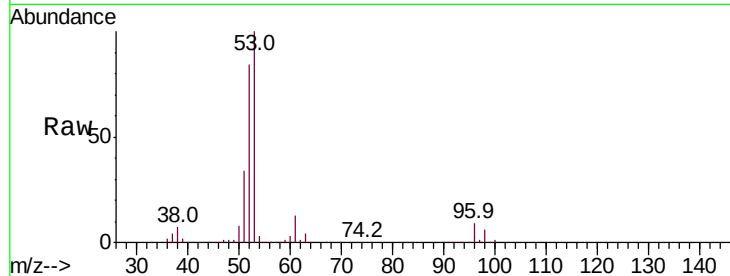
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	291710
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.5	98.3
51	34.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 242.751 ug/l

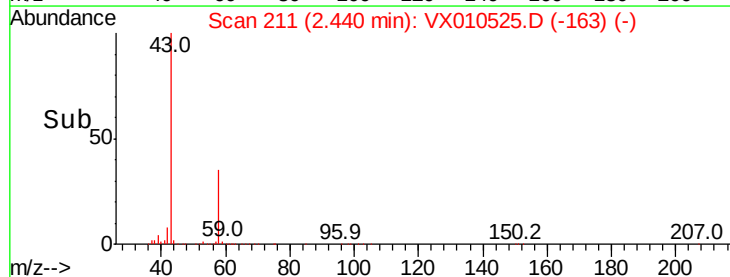
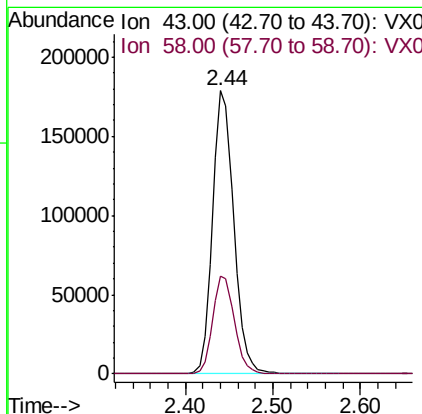
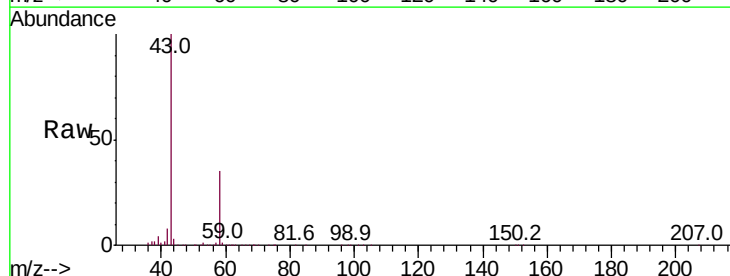
RT: 2.44 min Scan# 211

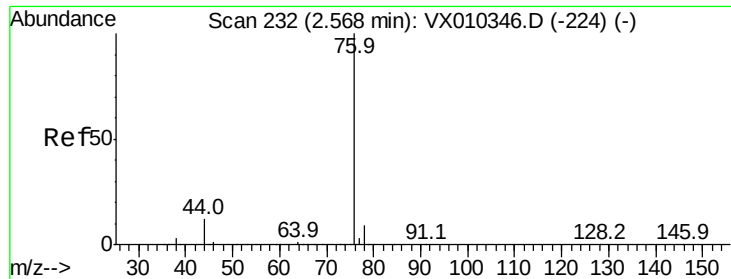
Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	43	Resp:	299828
Ion Ratio	Lower	Upper	
43	100		
58	34.6	28.9	43.3





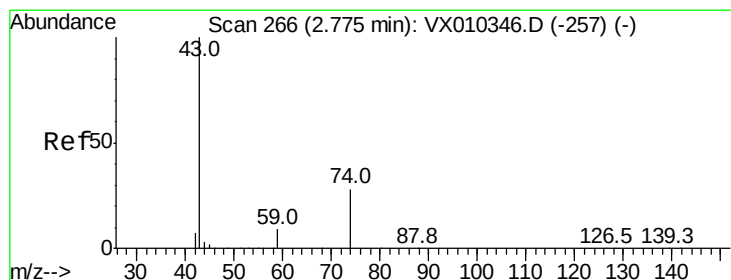
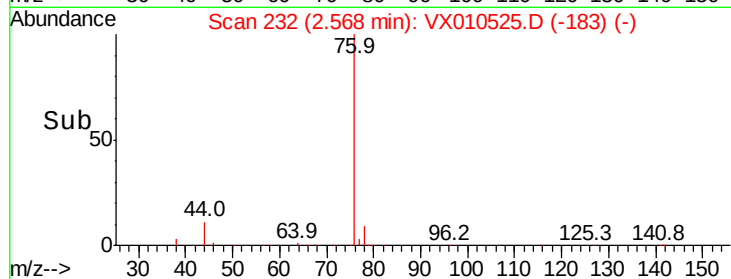
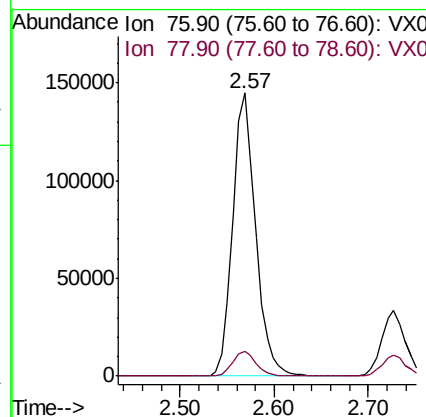
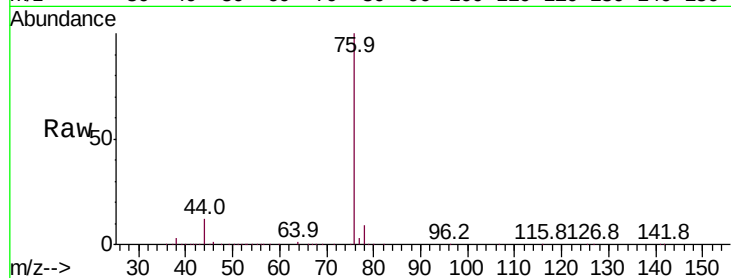
#17
Carbon Disulfide
Concen: 40.169 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

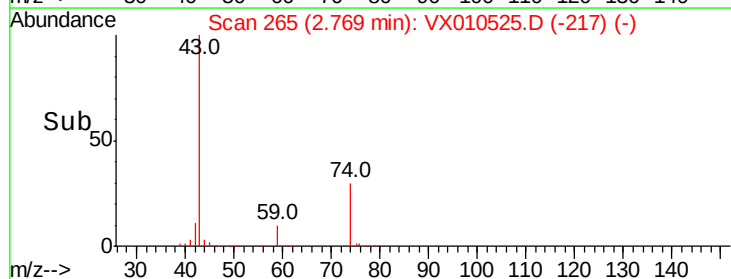
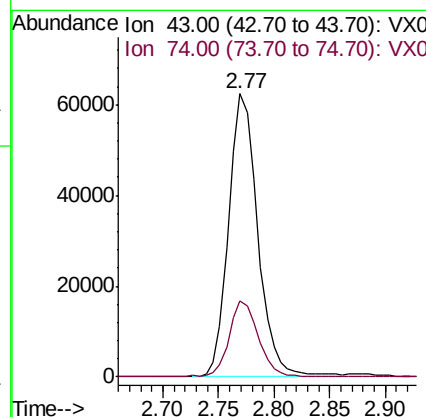
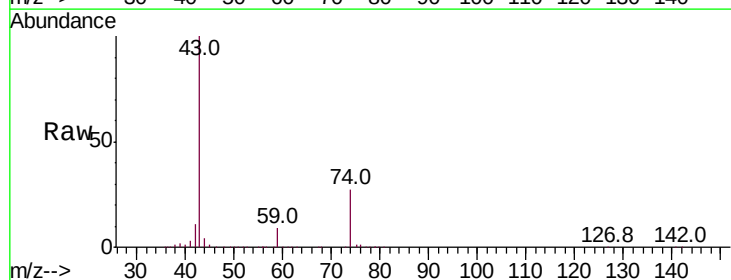
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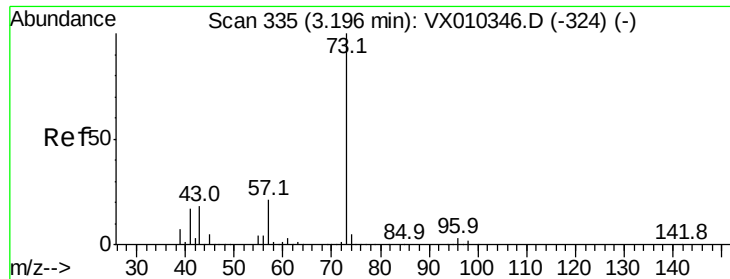
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#18
Methyl Acetate
Concen: 46.036 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.3	31.9





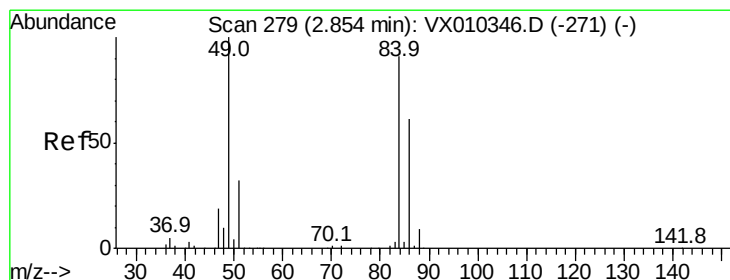
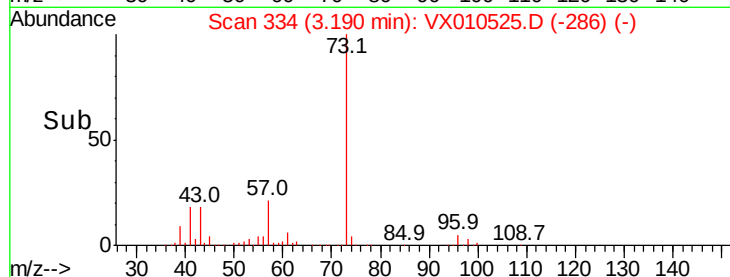
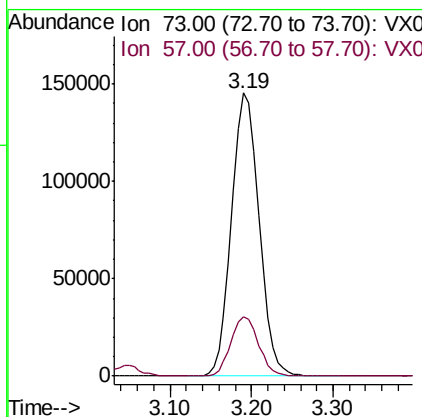
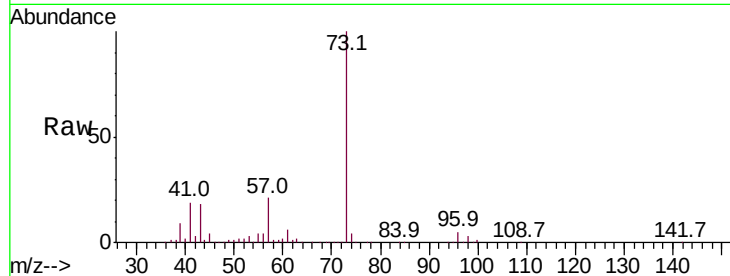
#19
Methyl tert-butyl Ether
Concen: 47.325 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.4	24.6

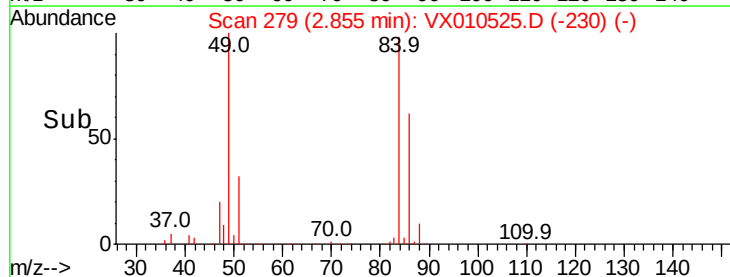
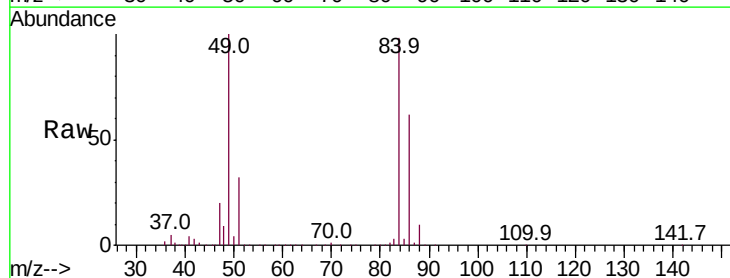
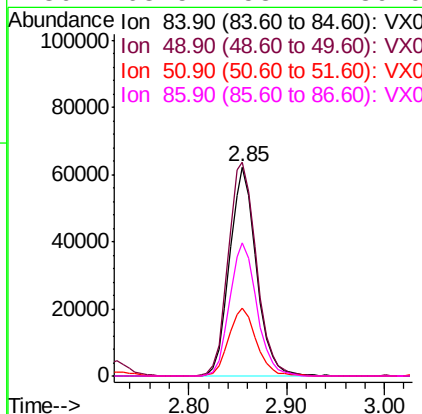
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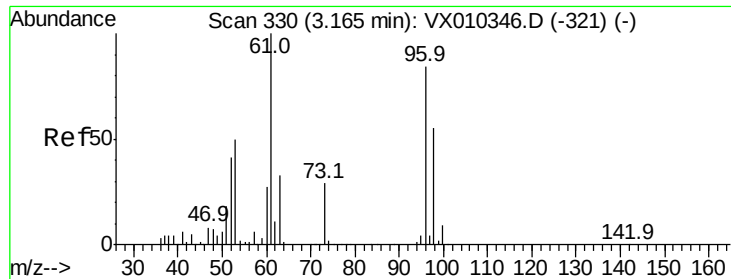
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#20
Methylene Chloride
Concen: 46.519 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.9	87.5	131.3
51	32.5	27.7	41.5
86	63.5	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 45.653 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

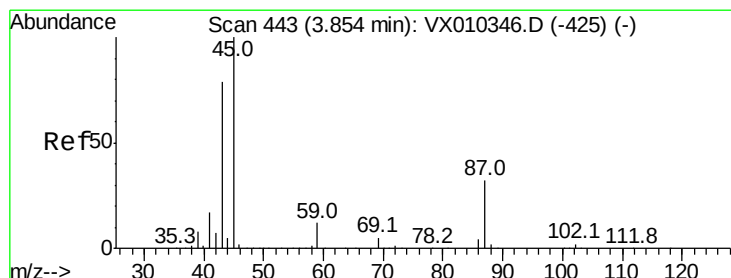
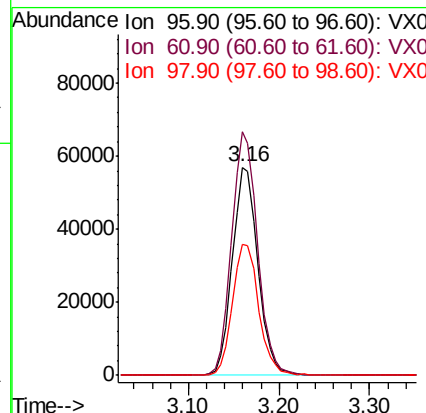
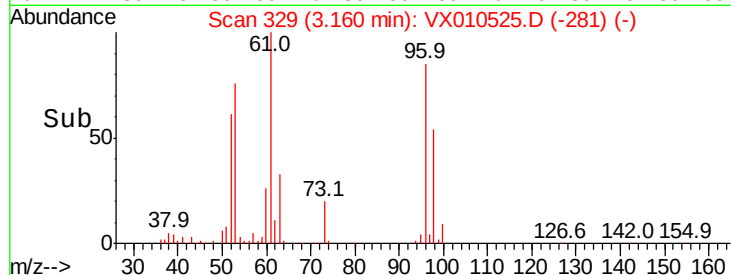
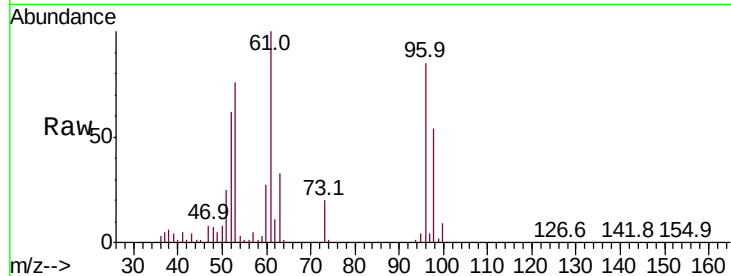
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	111867
Ion	Ratio	Lower	Upper
96	100		
61	116.9	95.6	143.4
98	63.2	52.5	78.7

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#22

Diisopropyl ether

Concen: 47.406 ug/l

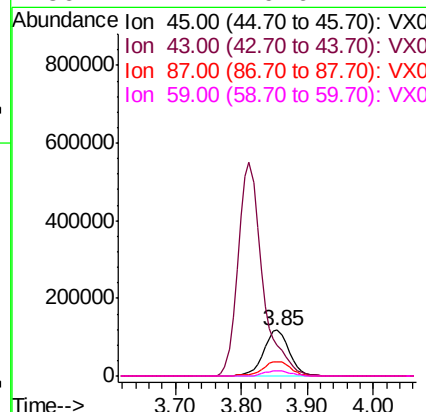
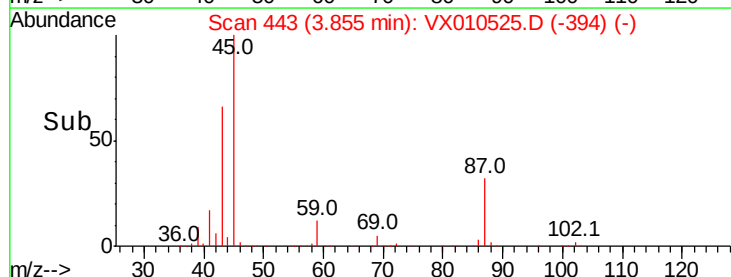
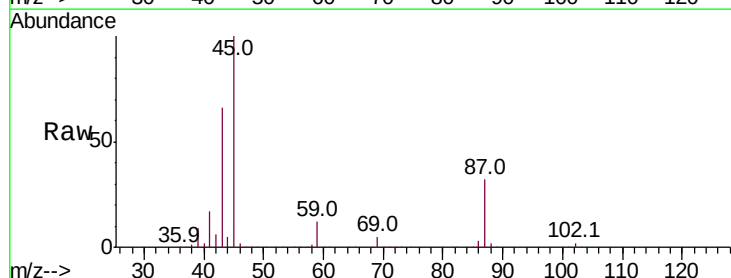
RT: 3.85 min Scan# 443

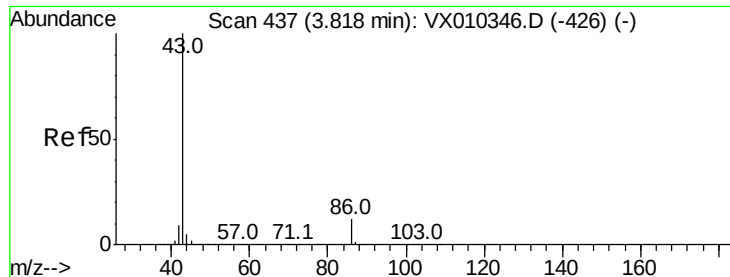
Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	45	Resp:	320600
Ion	Ratio	Lower	Upper
45	100		
43	66.2	63.3	94.9
87	32.1	25.8	38.8
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 240.931 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1407590

Ion Ratio Lower Upper

43 100

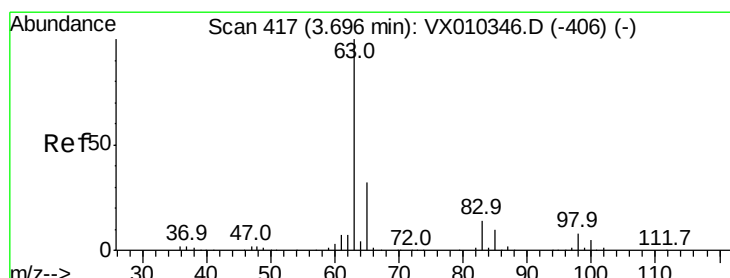
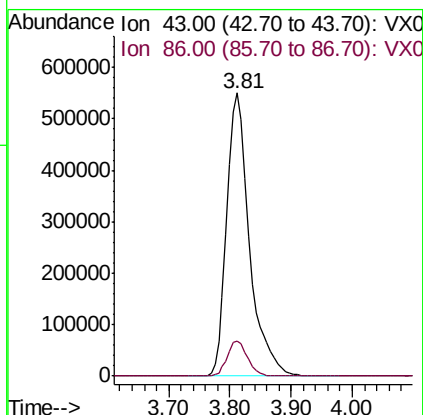
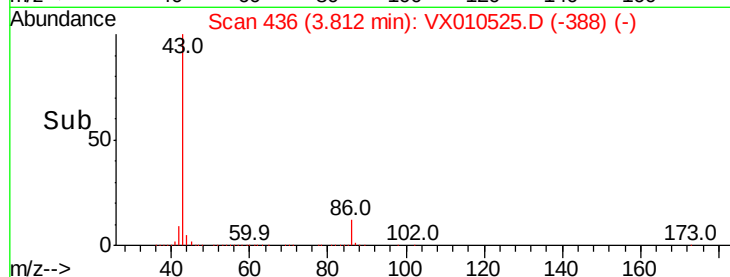
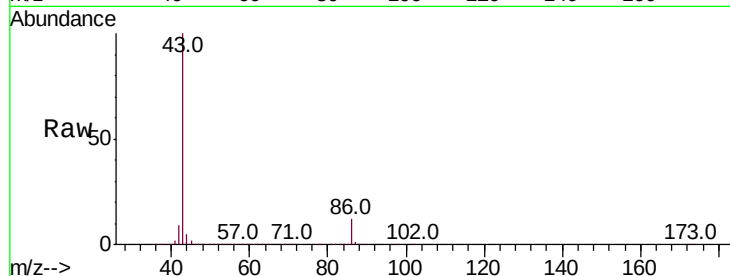
86 12.3 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 47.000 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

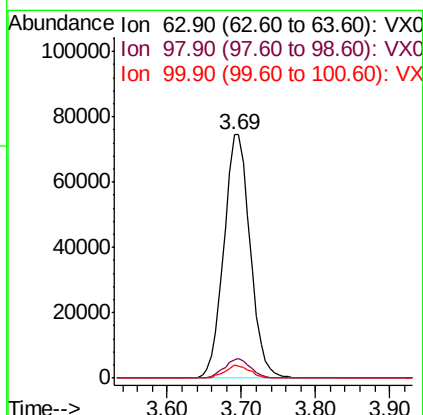
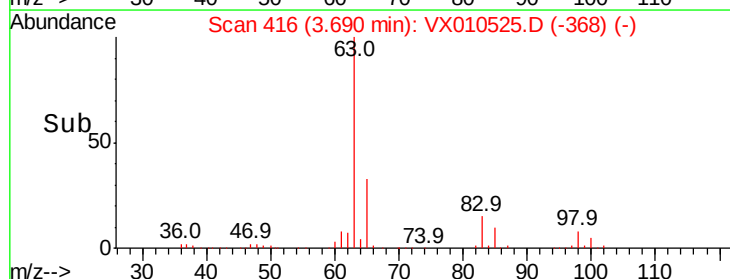
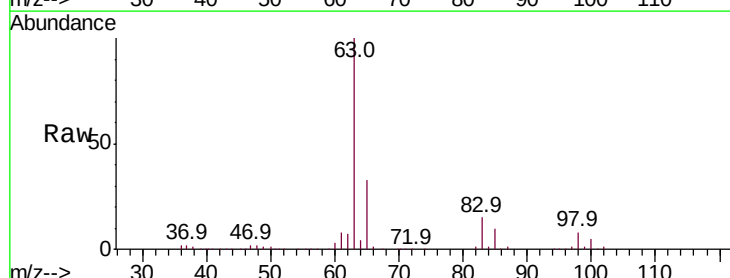
Tgt Ion: 63 Resp: 183727

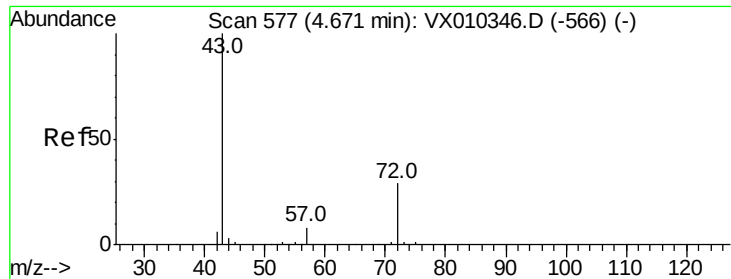
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 233.341 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 422762

Ion Ratio Lower Upper

43 100

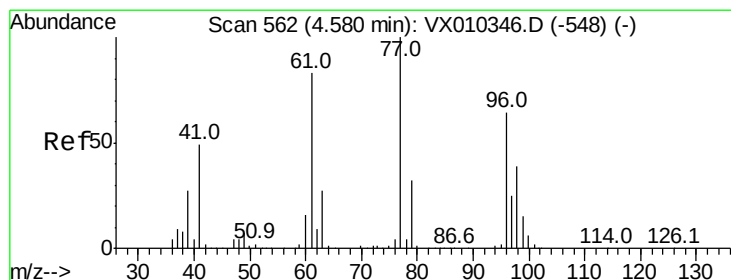
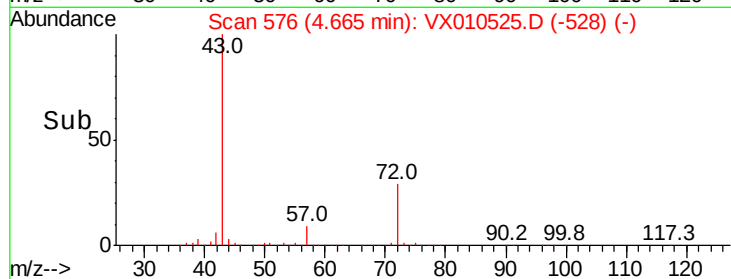
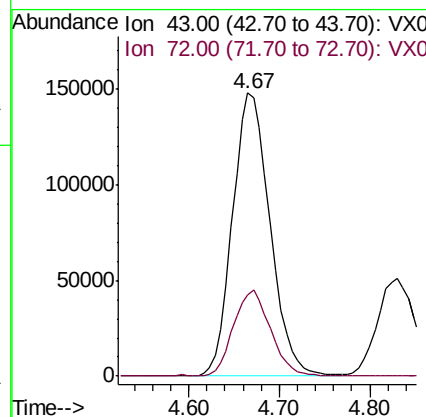
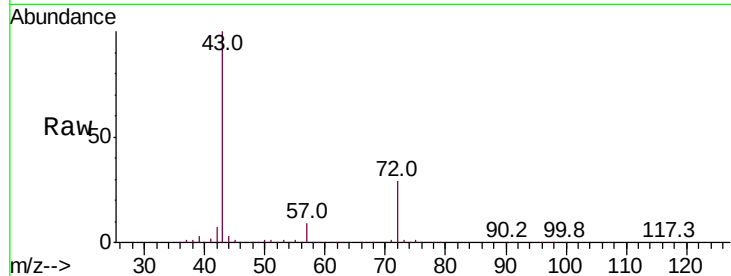
72 28.6 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.730 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010525.D

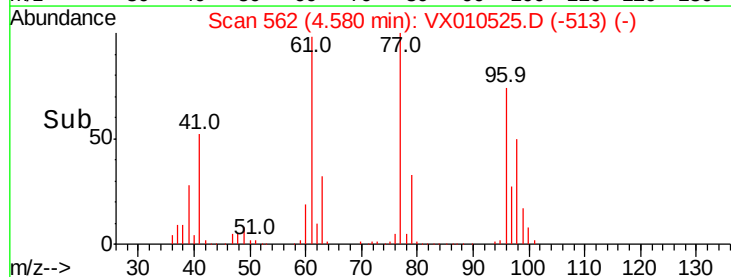
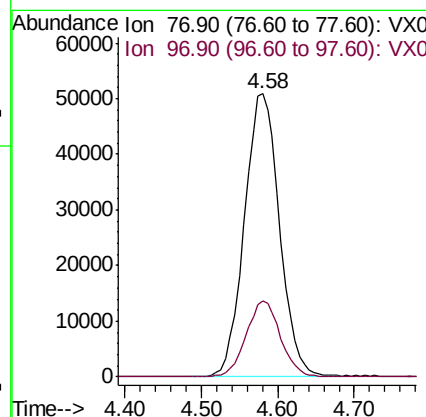
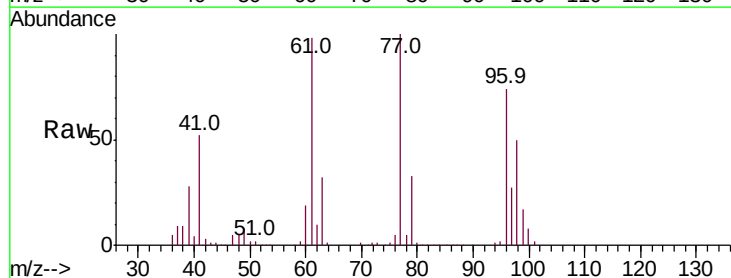
Acq: 28 Jun 2019 10:11

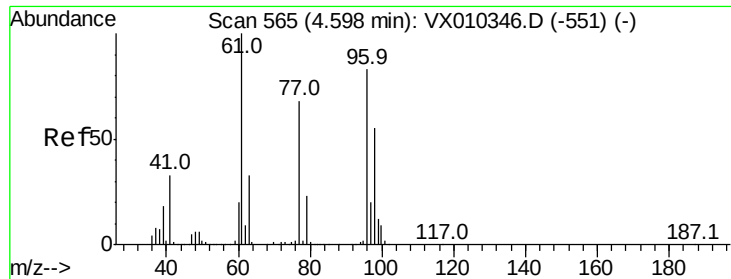
Tgt Ion: 77 Resp: 162083

Ion Ratio Lower Upper

77 100

97 26.4 13.1 39.3





#27

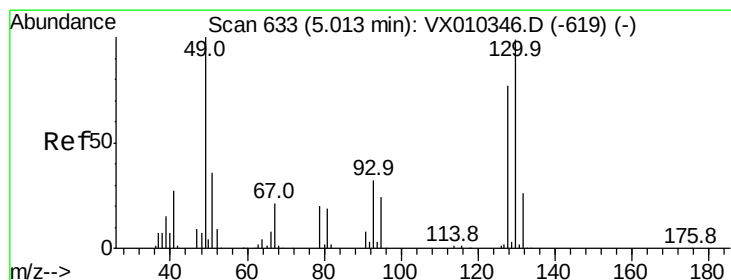
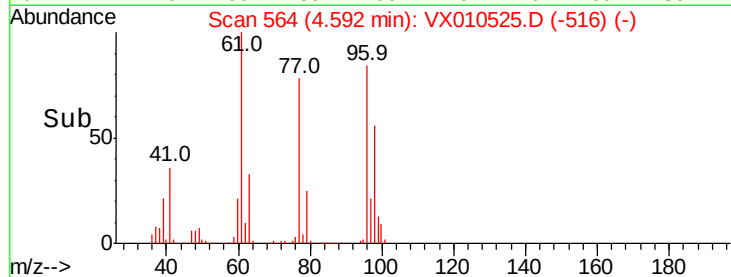
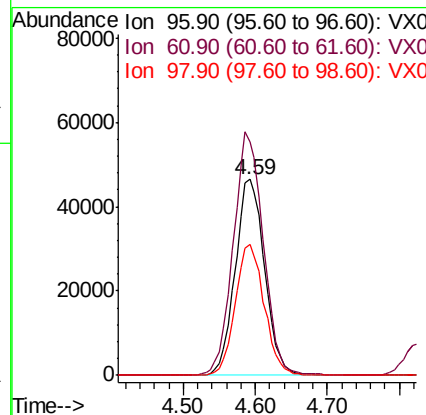
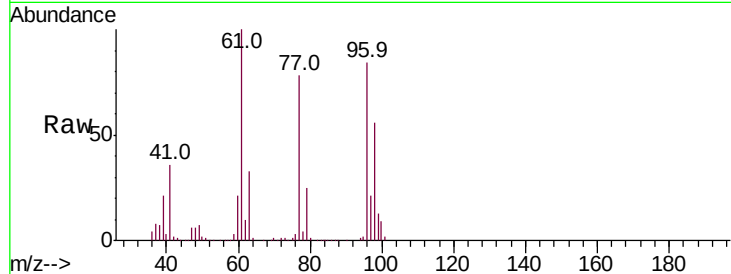
cis-1,2-Dichloroethene
Concen: 46.681 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	132182		
61	126.4	0.0	251.8	
98	65.7	0.0	129.4	

Manual Integrations
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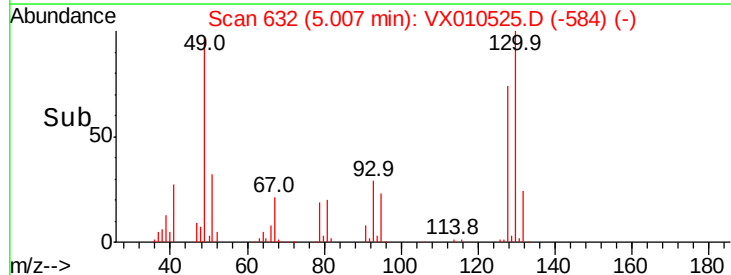
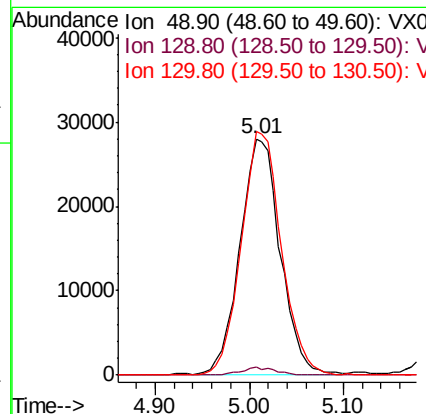
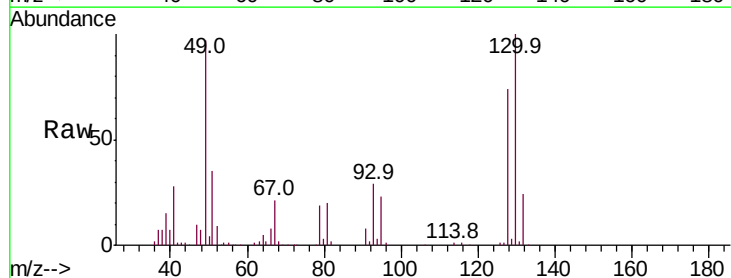
MMDadoda
7/1/2019 11:35:33 AM

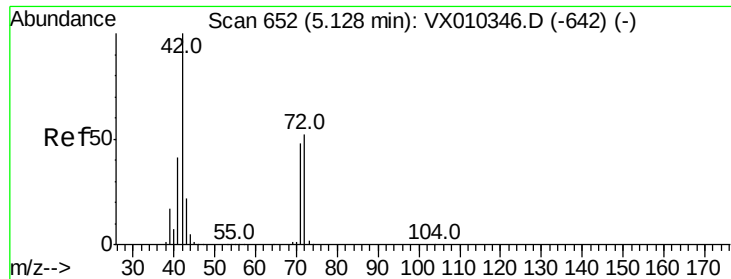


#28

Bromochloromethane
Concen: 44.455 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83087		
129	2.9	0.0	5.6	
130	103.5	81.4	122.0	





#29

Tetrahydrofuran

Concen: 221.464 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

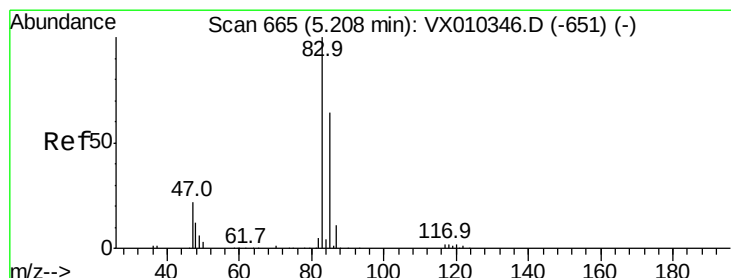
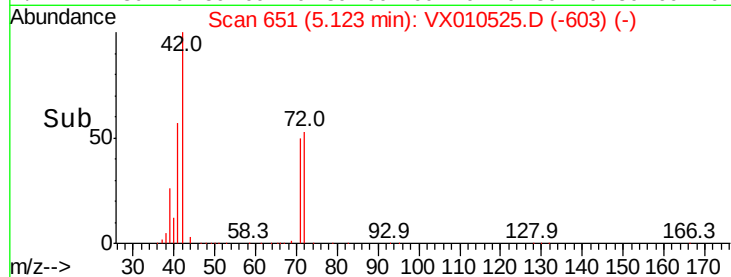
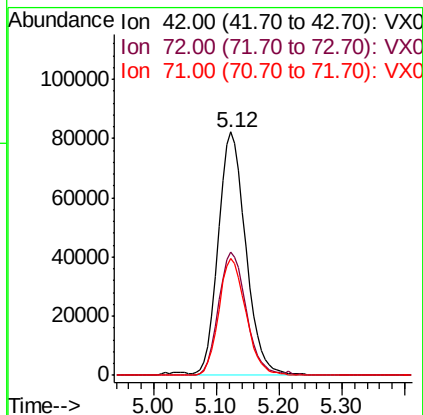
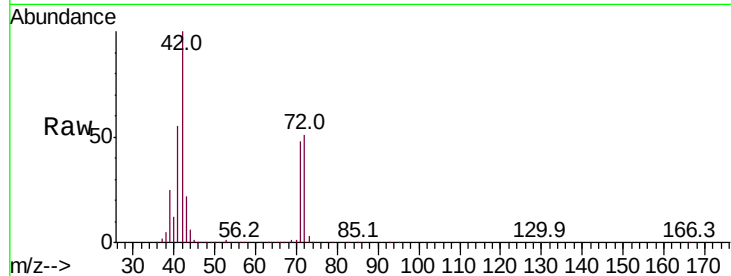
ClientSampled :

VSTDCCC050

Tot Ion:	42	Resp:	248533
Ion	Ratio	Lower	Upper
42	100		
72	51.6	40.6	60.8
71	47.5	37.8	56.8

Manual Integrations
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#30

Chloroform

Concen: 47.609 ug/l

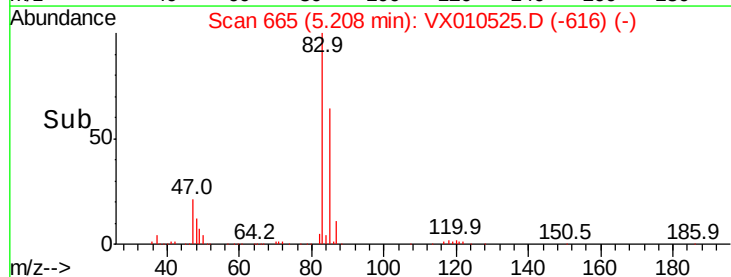
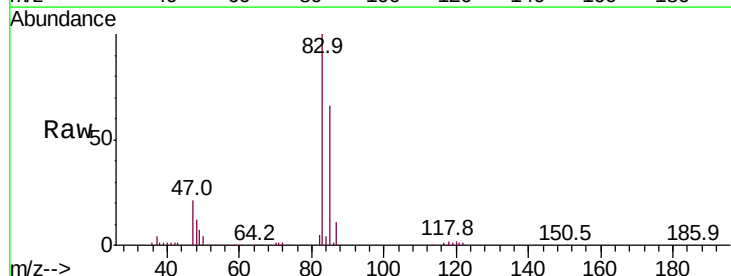
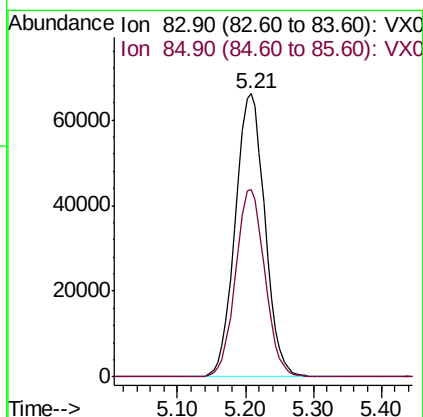
RT: 5.21 min Scan# 665

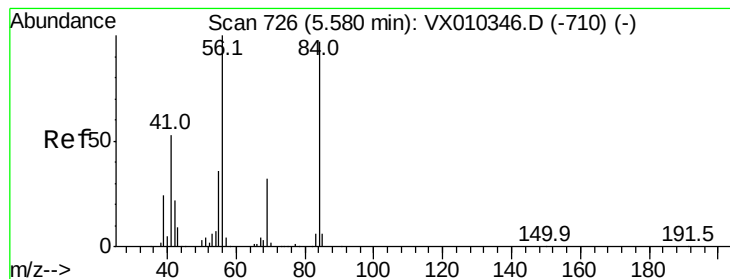
Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	83	Resp:	200244
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3





#31

Cvclohexane

Concen: 45.902 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 163403

Ion Ratio Lower Upper

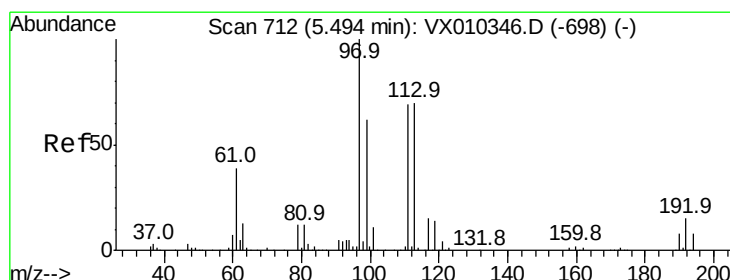
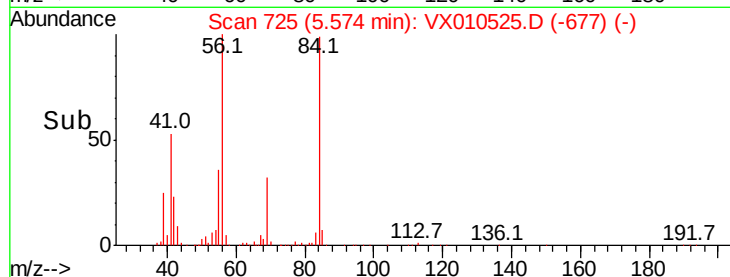
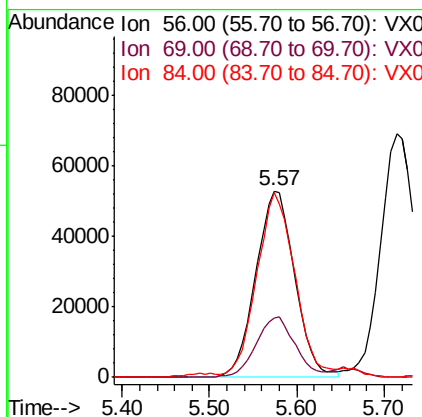
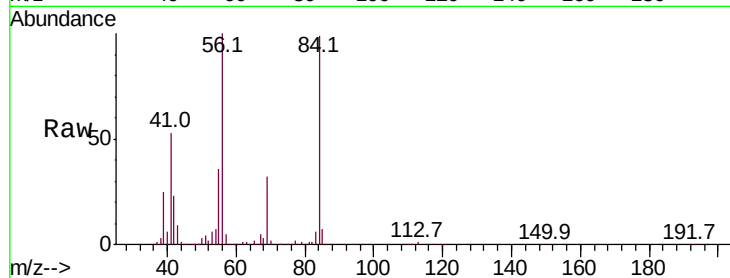
56 100

69 32.0 25.9 38.9

84 97.8 78.0 117.0

Manual Integrations
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7/1/2019 11:35:33 AM



#32

1,1,1-Trichloroethane

Concen: 47.556 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

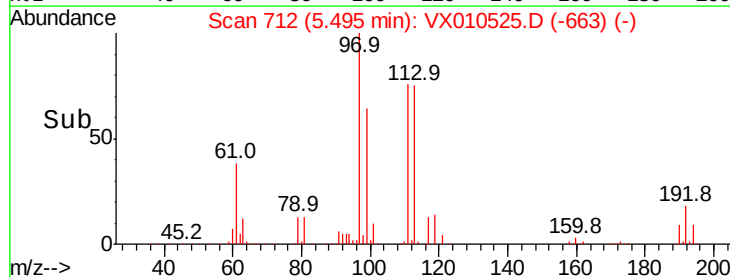
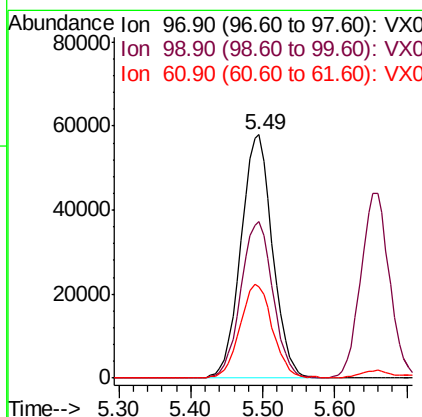
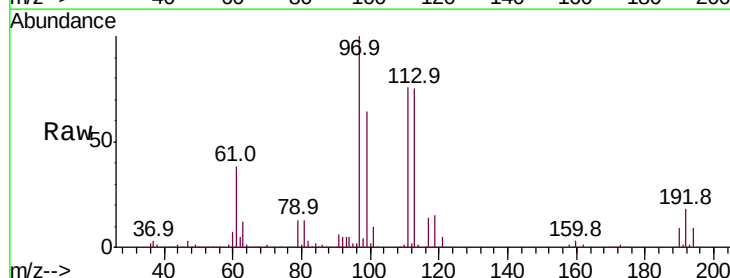
Tgt Ion: 97 Resp: 176617

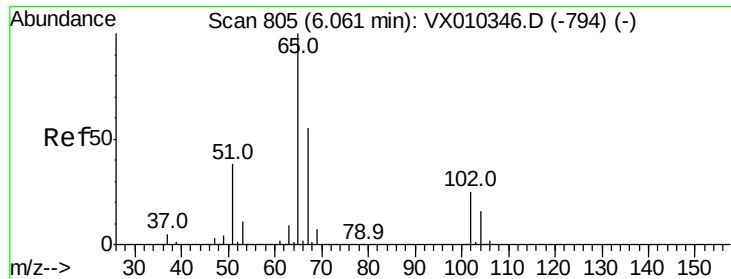
Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.8

61 39.5 32.1 48.1





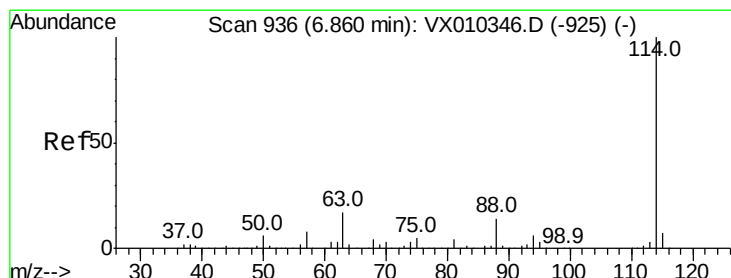
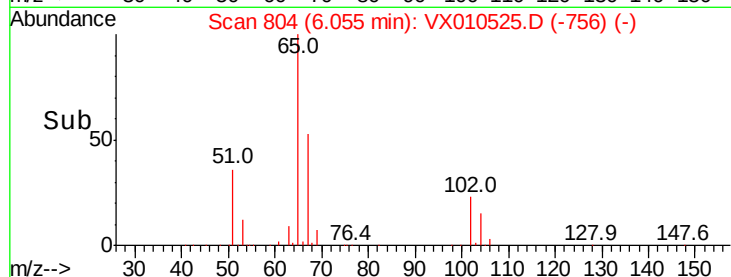
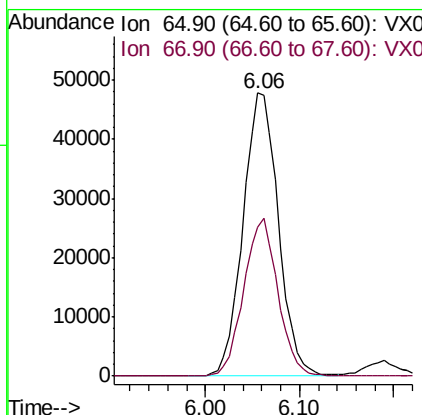
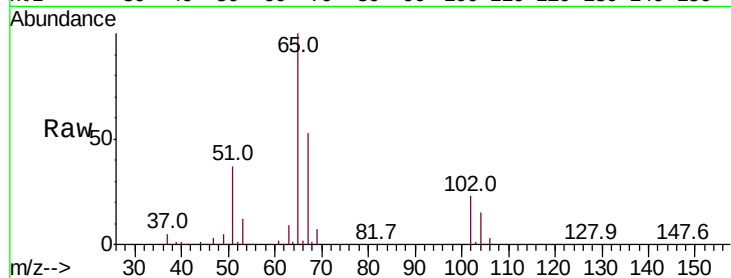
#33
 1,2-Dichloroethane-d4
 Concen: 50.703 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	110.2

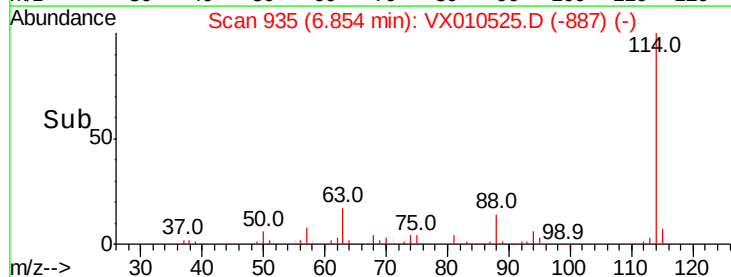
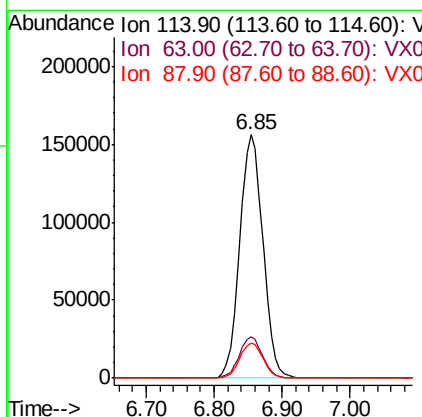
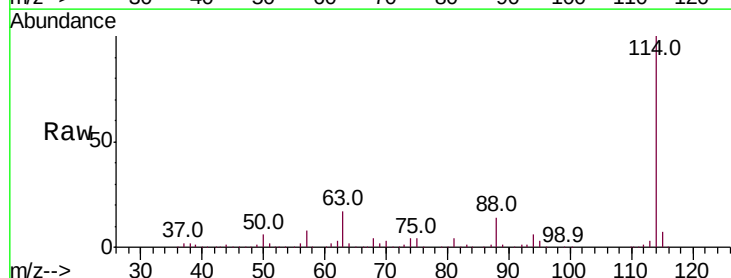
Manual Integrations
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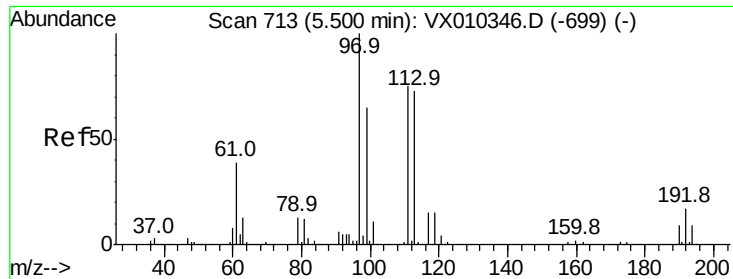
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 7/1/2019 11:35:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	33.8
88	14.2	0.0	27.6





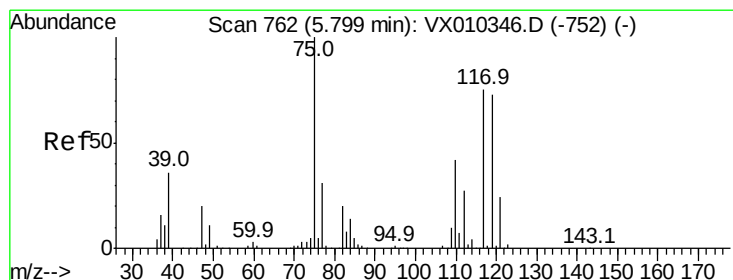
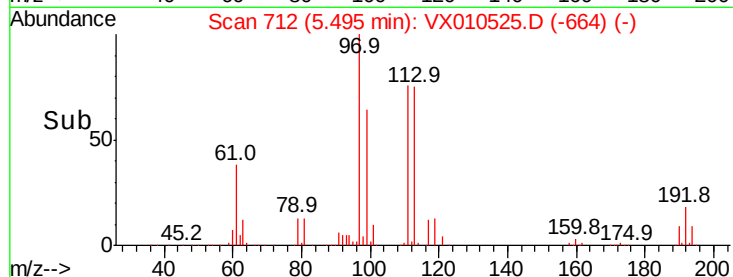
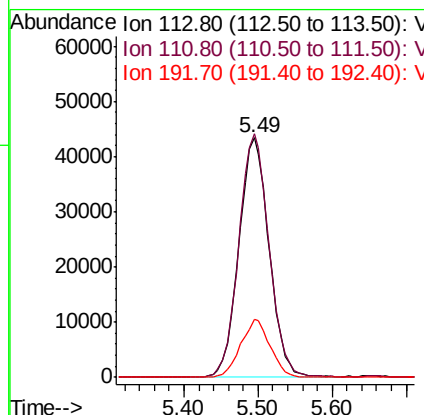
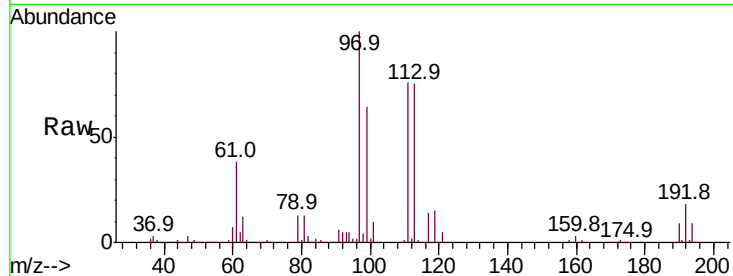
#35
Dibromofluoromethane
Concen: 54.720 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123845		
111	101.5	81.2	121.8	
192	23.5	18.6	27.8	

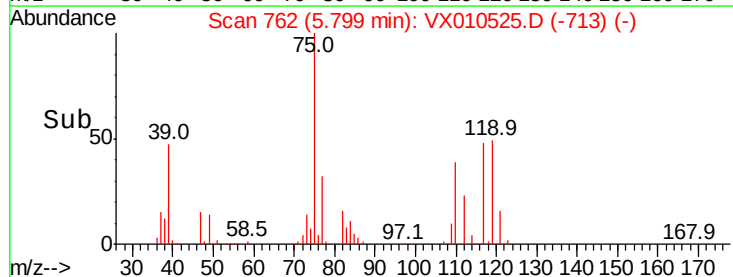
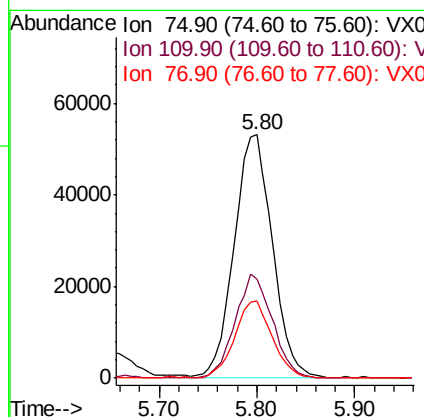
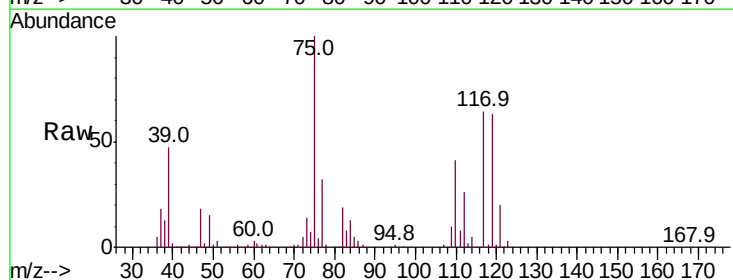
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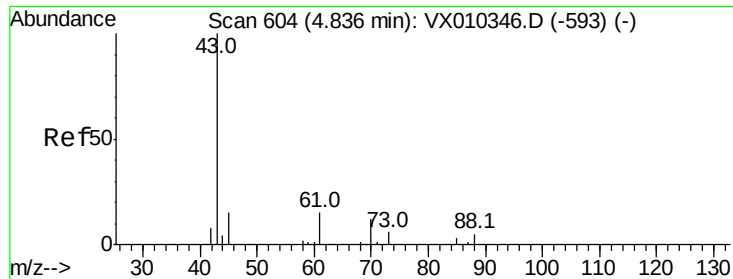
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.779 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	143387		
110	41.7	20.8	62.2	
77	31.2	25.4	38.0	





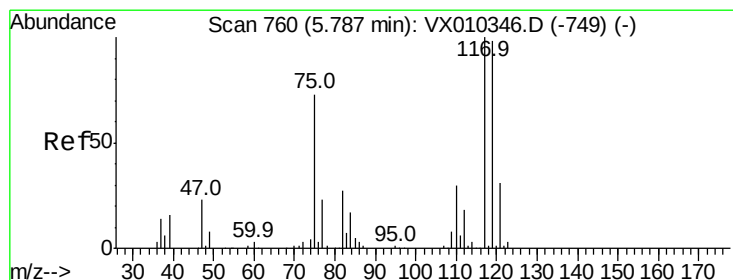
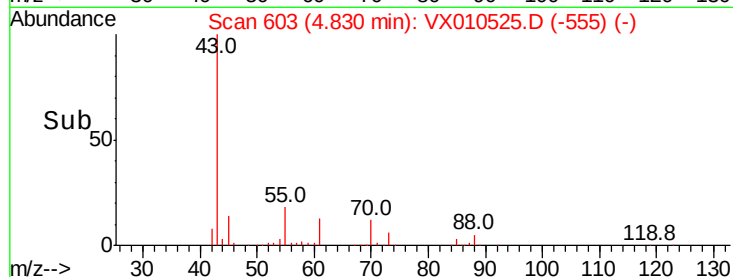
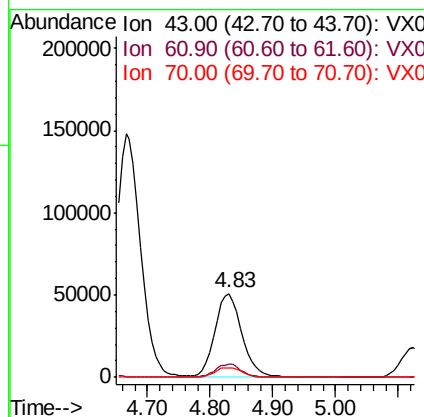
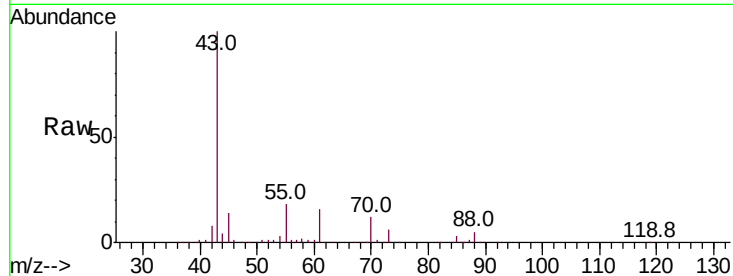
#37
Ethyl Acetate
Concen: 50.115 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.4	18.6
70	12.1	9.8	14.8

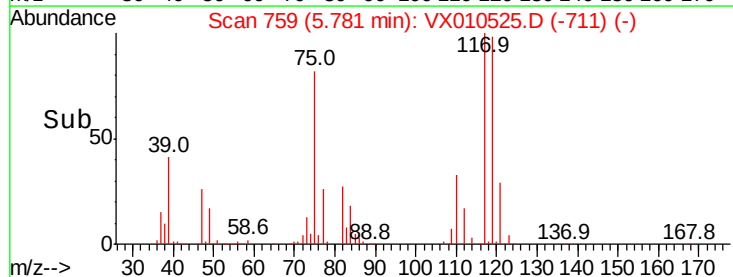
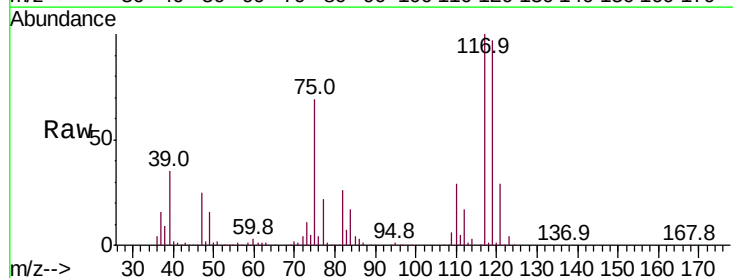
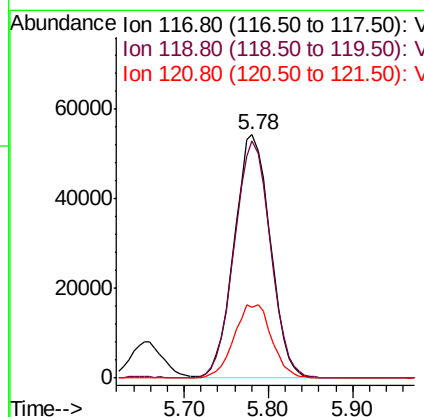
Manual Integrations
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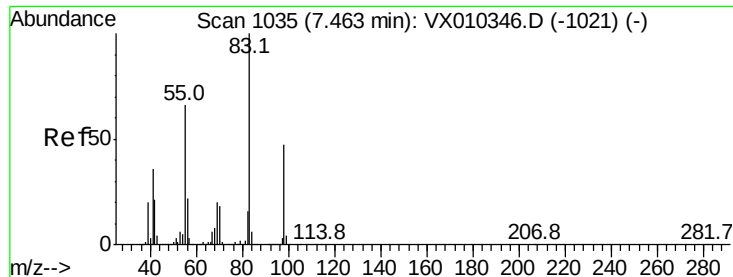
MMDadoda
7/1/2019 11:35:33 AM



#38
Carbon Tetrachloride
Concen: 49.764 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.4
121	29.3	24.7	37.1





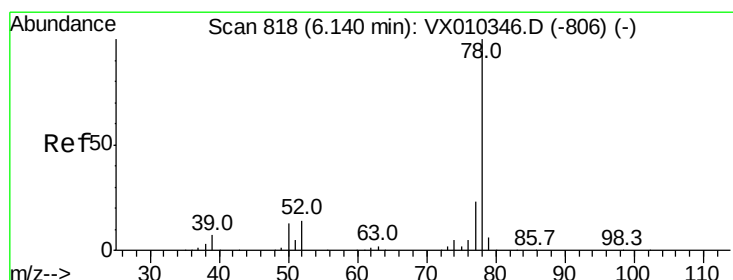
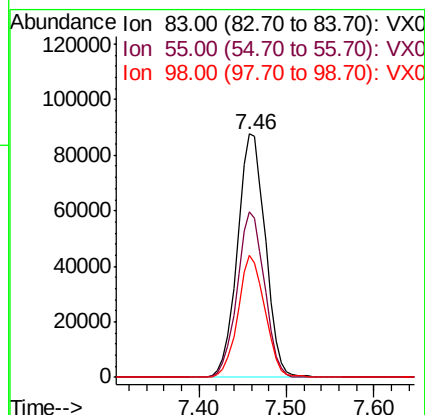
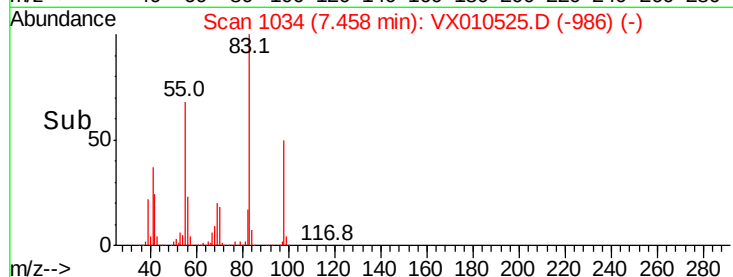
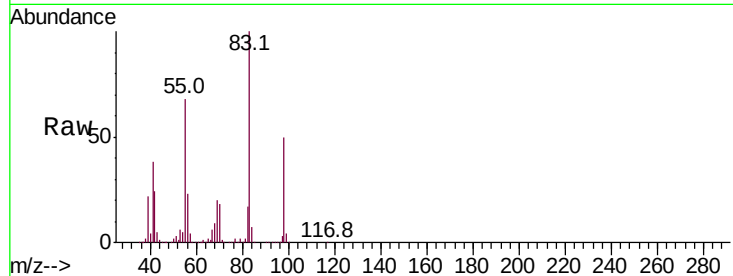
#39
Methylvlcyclohexane
Concen: 50.221 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	53.0	79.6
98	50.2	37.8	56.8

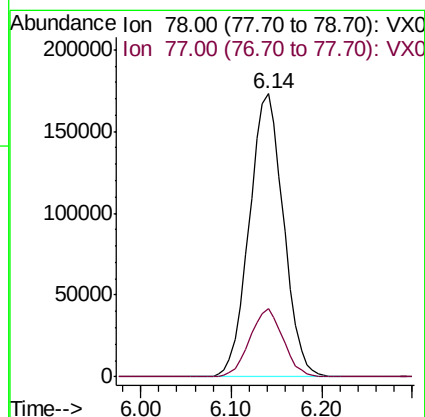
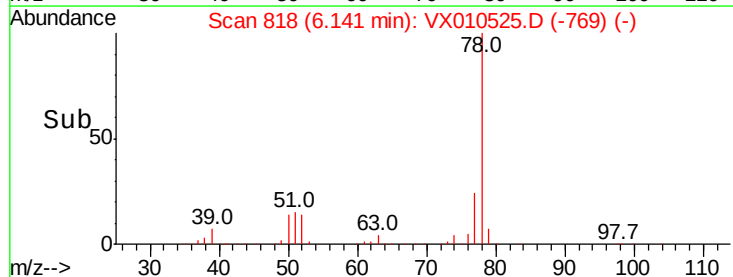
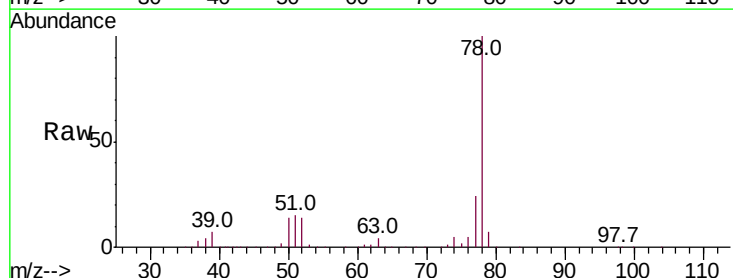
Manual Integrations
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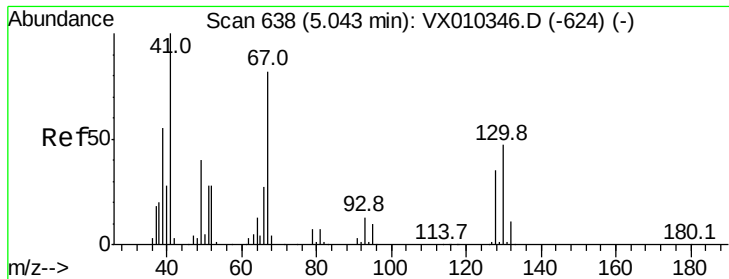
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#40
Benzene
Concen: 49.331 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





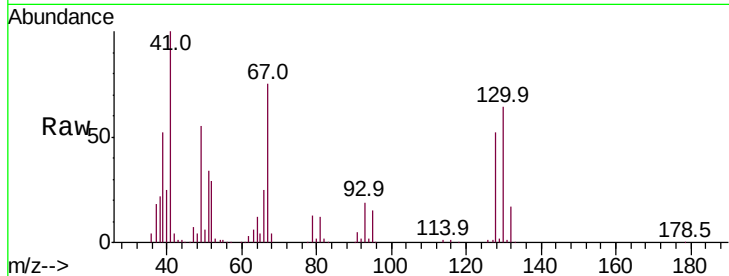
#41
Methacrylonitrile
Concen: 49.366 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

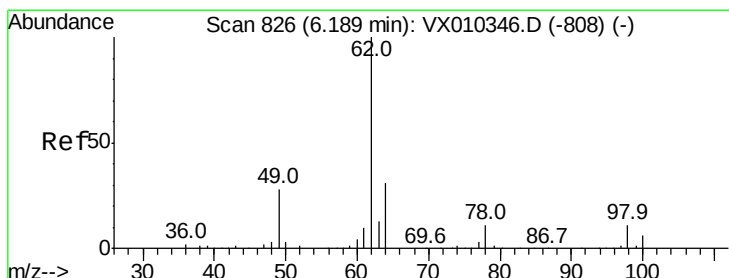
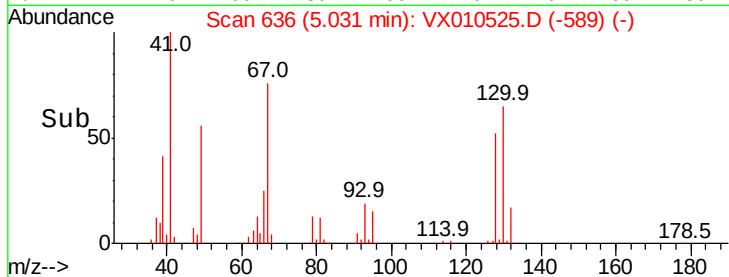
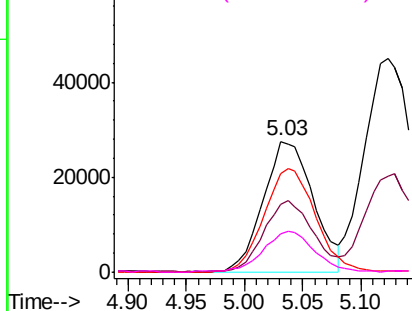
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	43.8	65.8	
67	81.3	66.6	100.0	
52	31.5	24.5	36.7	

Manual Integrations
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MMDadoda
7/1/2019 11:35:33 AM

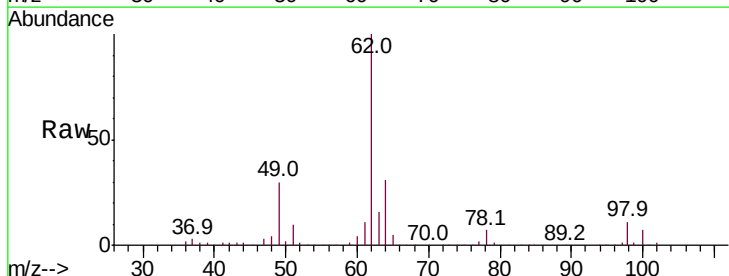


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

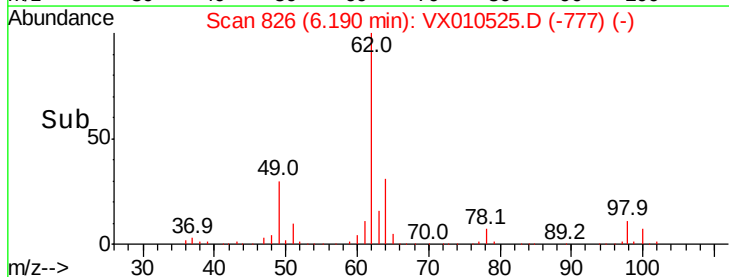
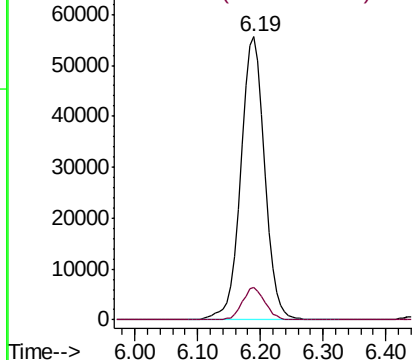


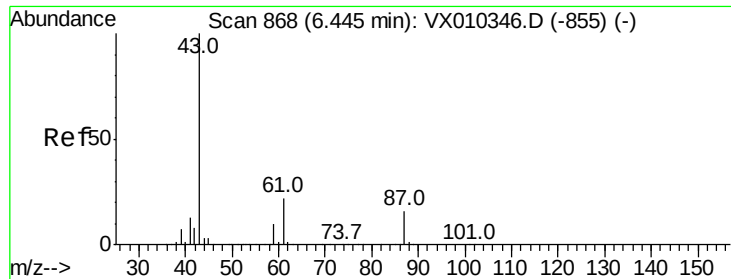
#42
1,2-Dichloroethane
Concen: 52.333 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	0.0	22.2	



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





#43

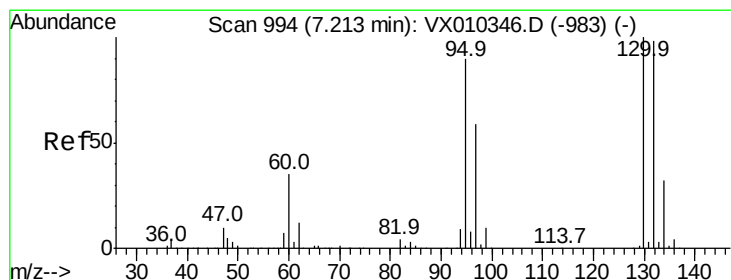
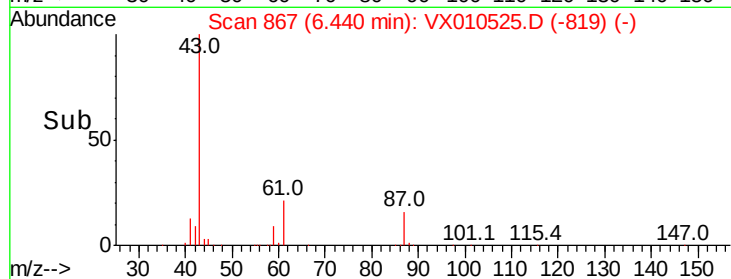
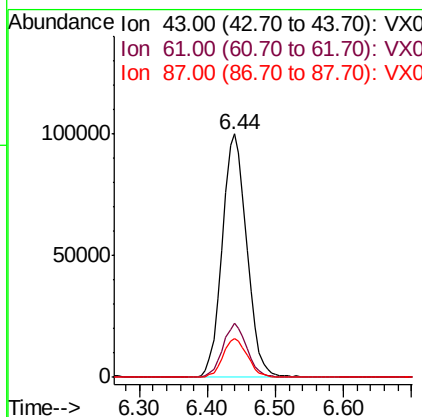
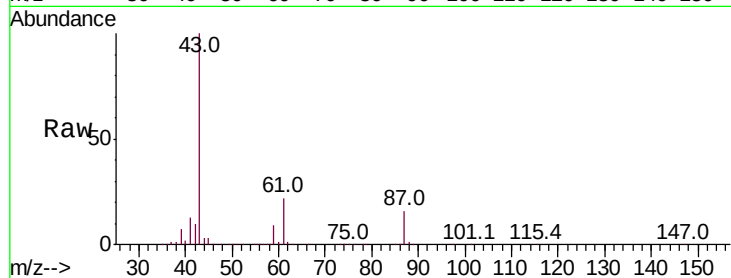
Isopropyl Acetate
 Concen: 49.967 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.8	26.6
87	15.8	13.0	19.4

Manual Integrations
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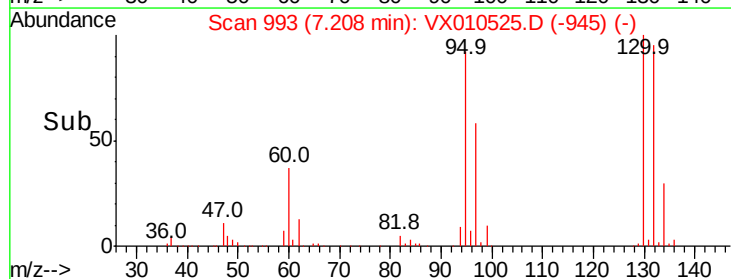
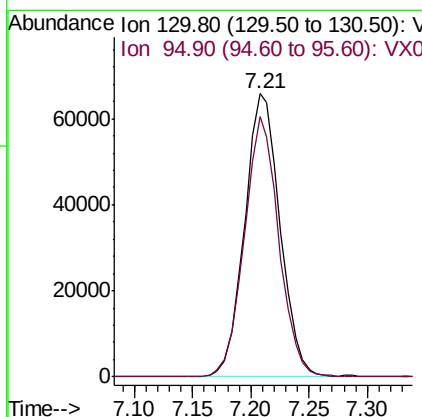
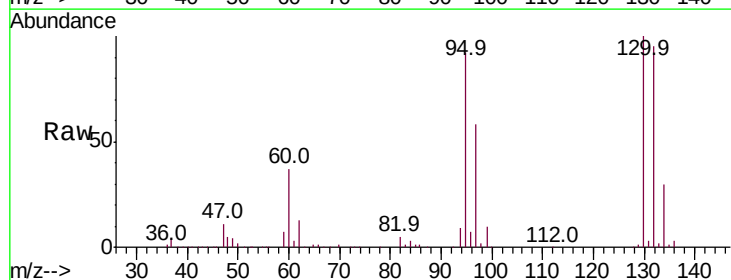
MMDadoda
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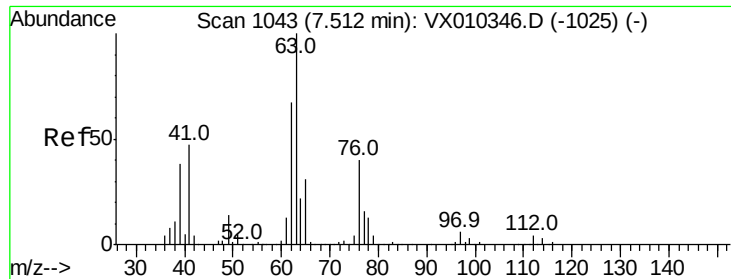


#44

Trichloroethene
 Concen: 50.862 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010525.D
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Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	180.8





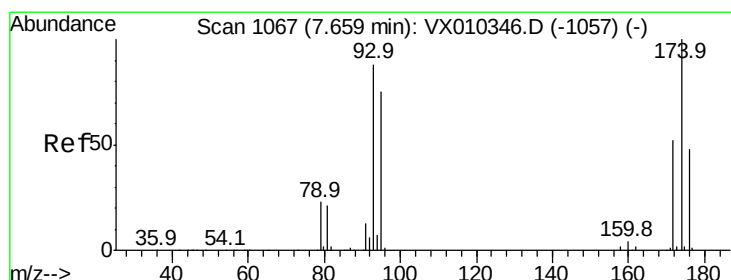
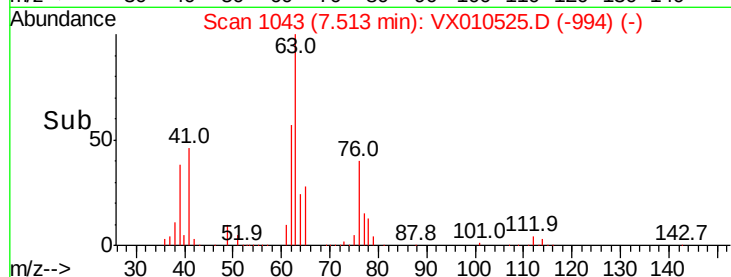
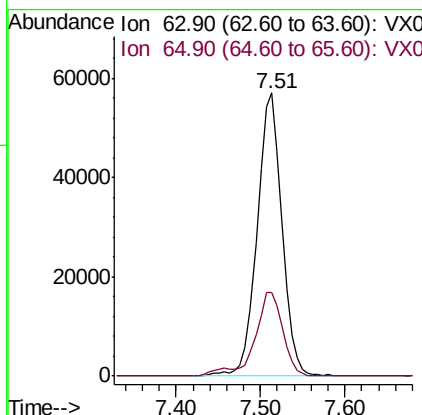
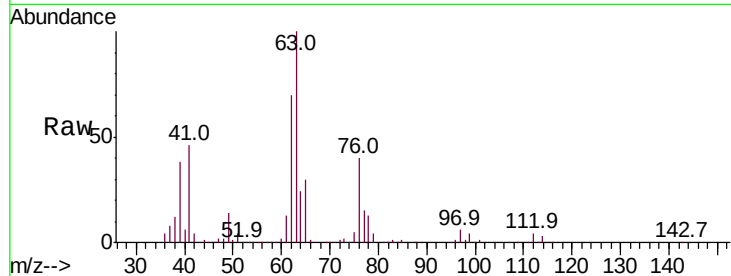
#45
 1,2-Dichloropropane
 Concen: 49.808 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 115190
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2

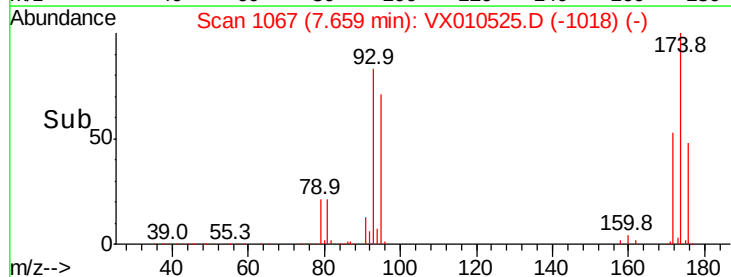
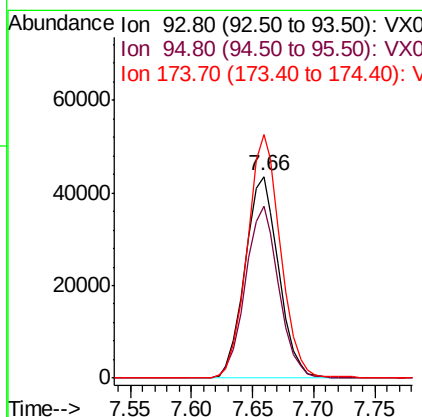
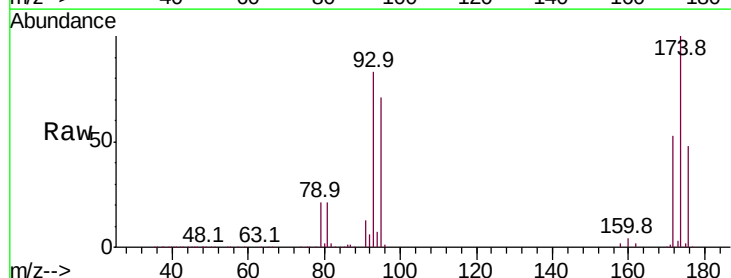
Manual Integrations
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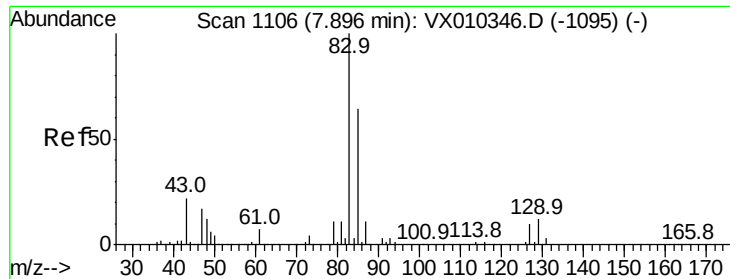
MMDadoda
 7/1/2019 11:35:33 AM



#46
 Dibromomethane
 Concen: 50.210 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion: 93 Resp: 83312
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.5 101.3
 174 119.9 95.8 143.6





#47

Bromodichloromethane

Concen: 50.339 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

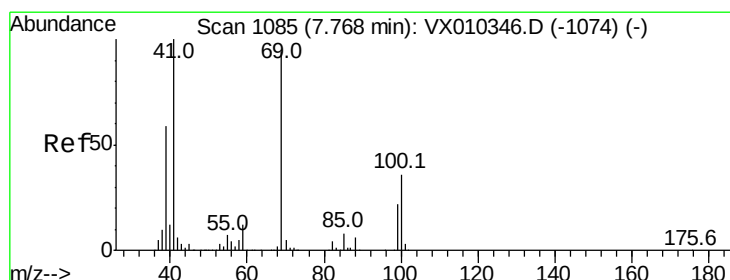
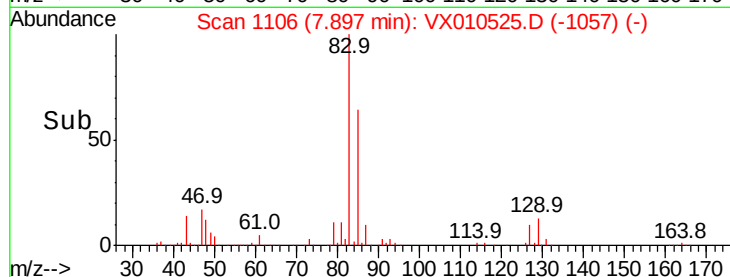
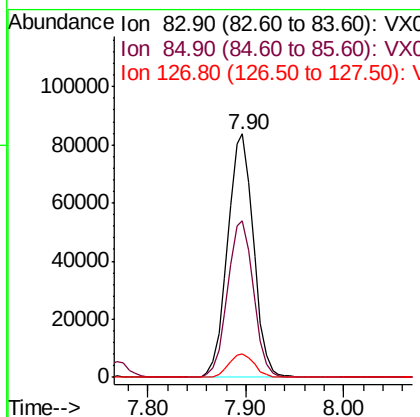
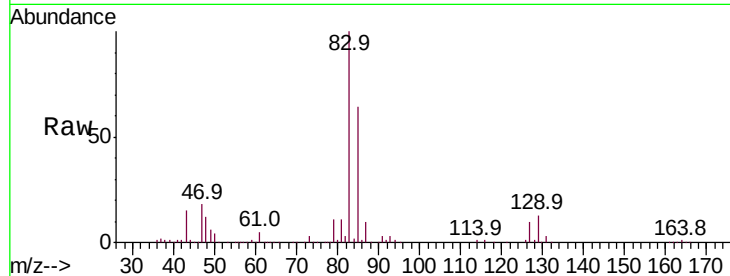
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	153072
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3
127	9.7	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.493 ug/l

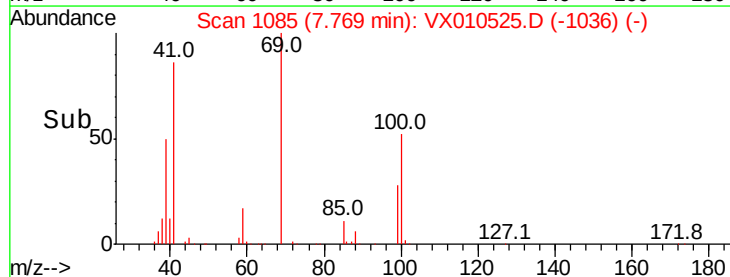
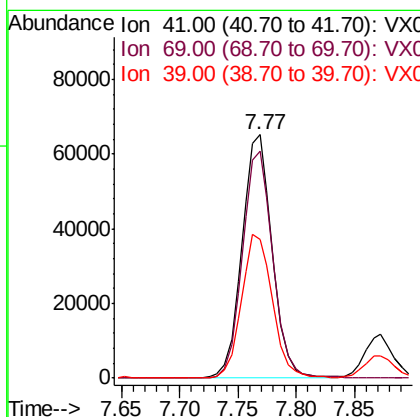
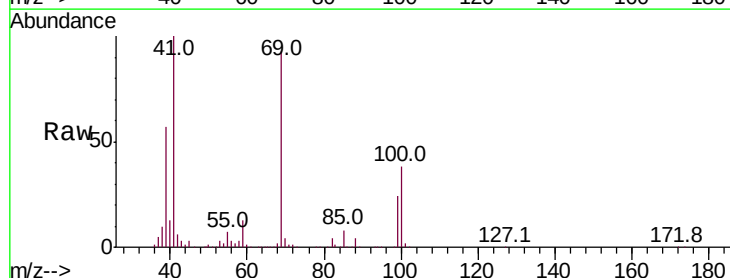
RT: 7.77 min Scan# 1085

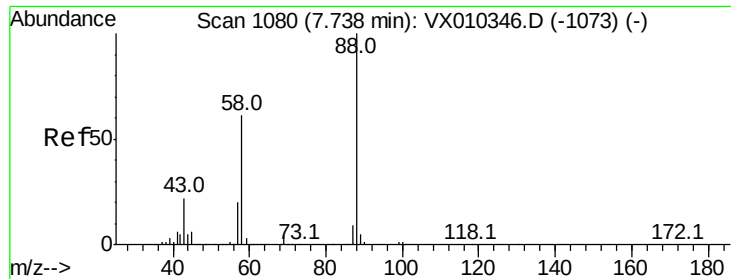
Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	41	Resp:	117426
Ion	Ratio	Lower	Upper
41	100		
69	94.1	76.1	114.1
39	60.0	47.6	71.4





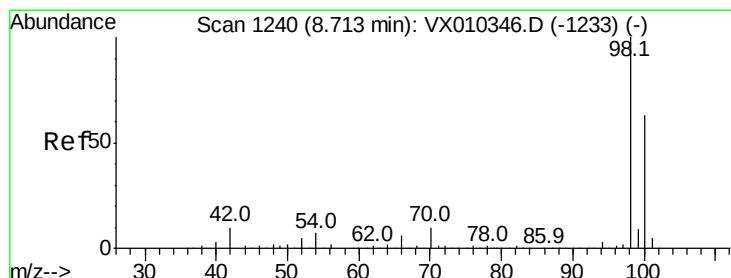
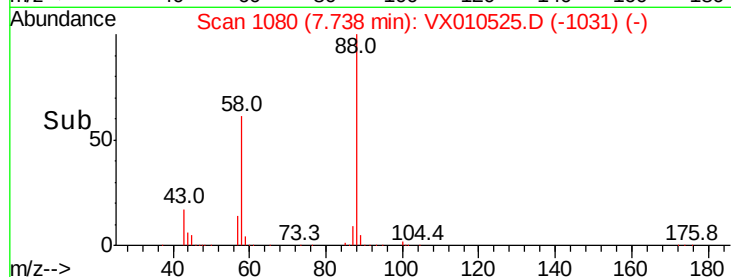
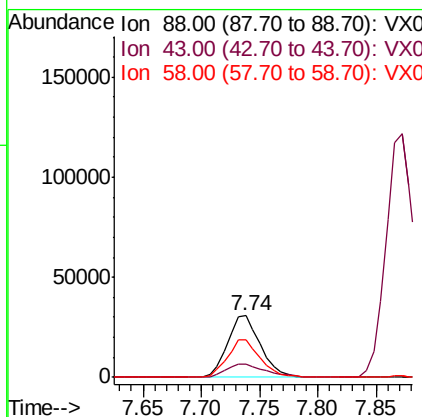
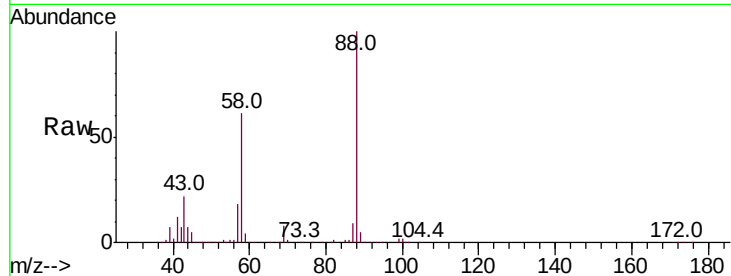
#49
1,4-Dioxane
Concen: 901.629 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.8	20.2	30.2
58	62.4	49.5	74.3

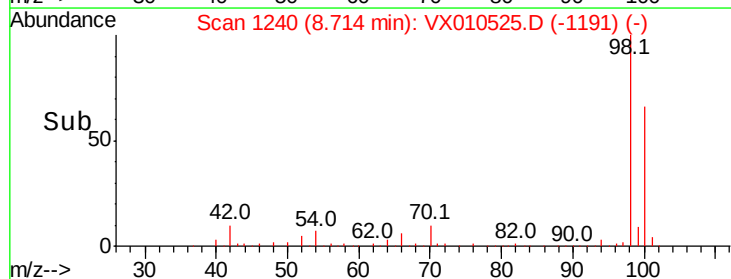
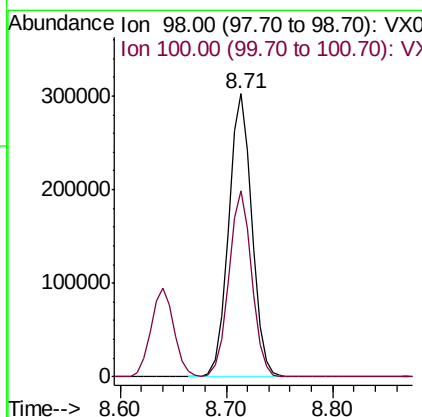
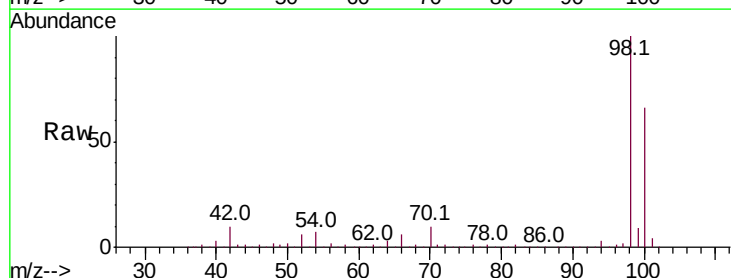
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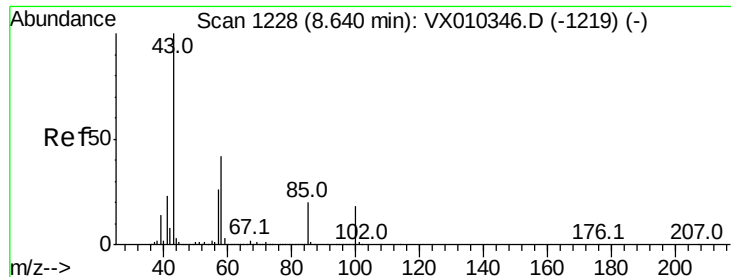
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#50
Toluene-d8
Concen: 53.433 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4





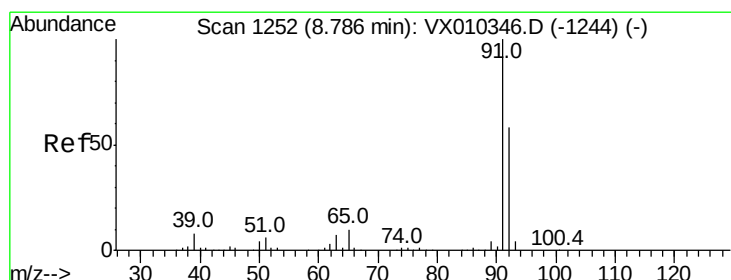
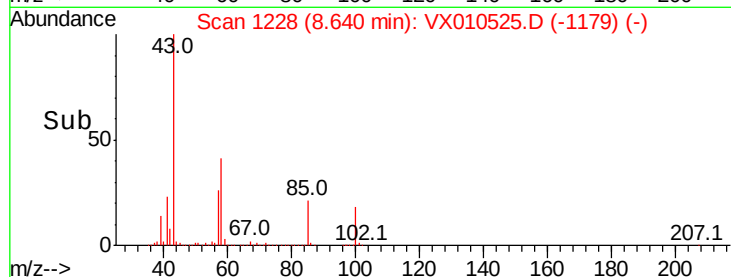
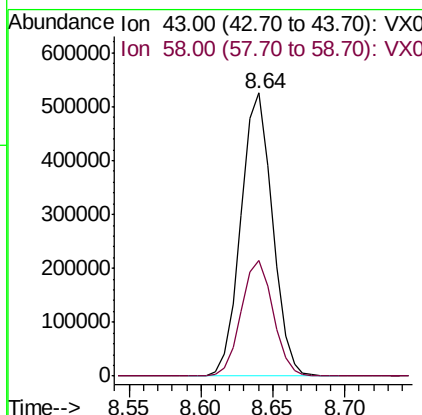
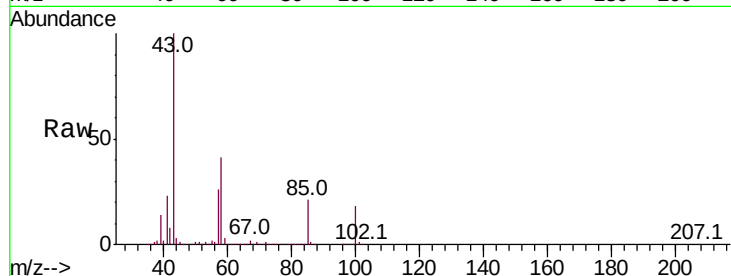
#51
4-Methyl-2-Pentanone
Concen: 250.424 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	100	41.3	Resp	801333	Lower	33.5	Upper	50.3
Ion	43	58	Ratio	100	41.3	Resp	801333	Lower	33.5	Upper	50.3

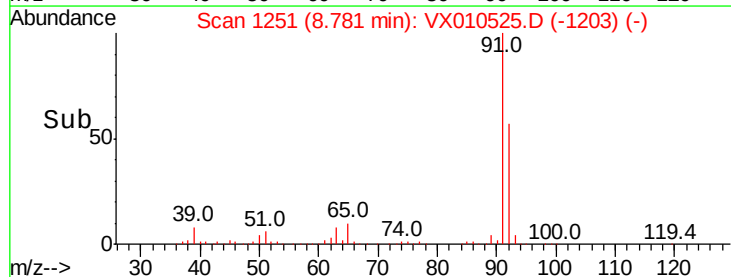
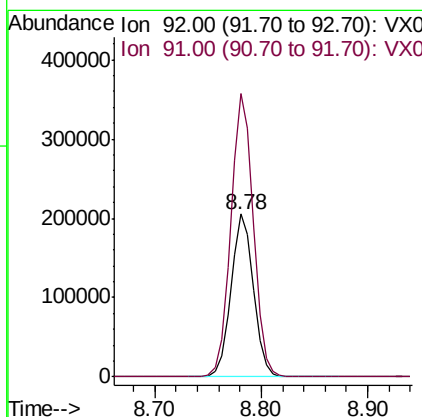
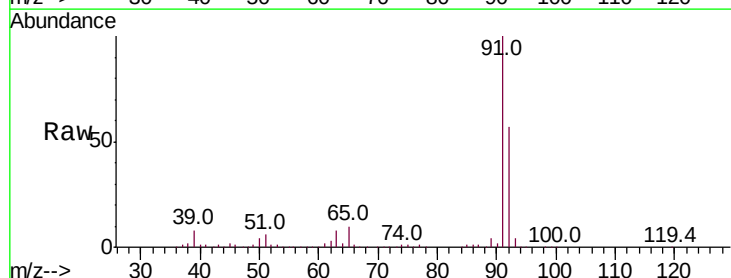
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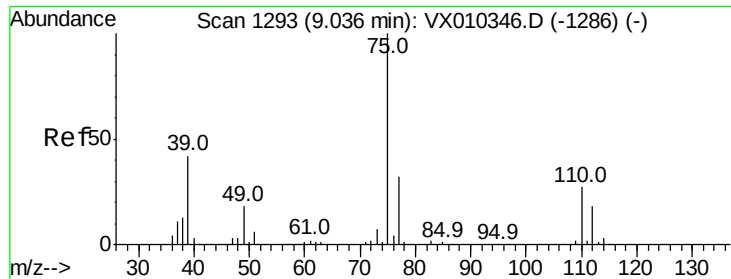
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#52
Toluene
Concen: 50.326 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	92	91	Ratio	100	174.5	Resp	303510	Lower	139.8	Upper	209.6
Ion	92	91	Ratio	100	174.5	Resp	303510	Lower	139.8	Upper	209.6





#53

t-1,3-Dichloropropene

Concen: 50.053 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 170639

Ion Ratio Lower Upper

75 100

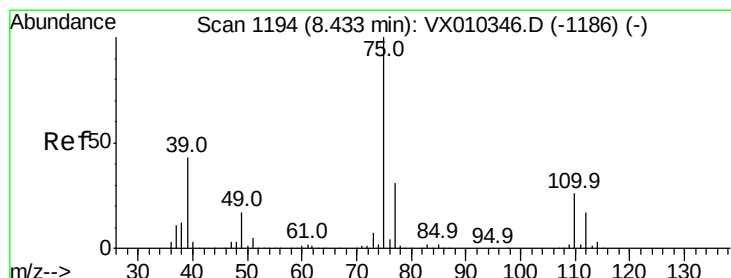
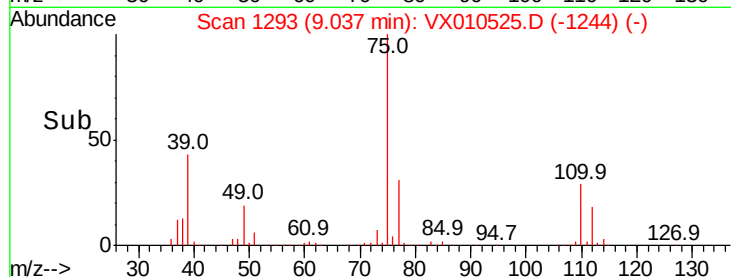
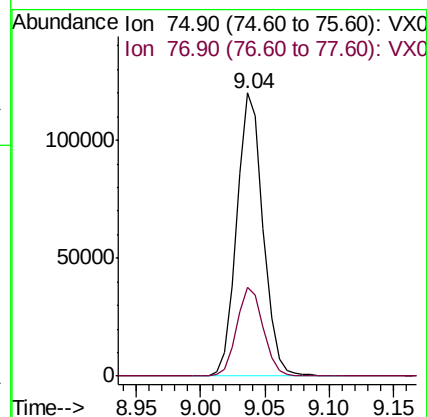
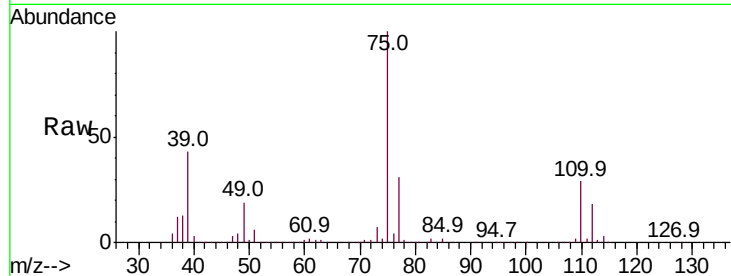
77 31.4 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 50.984 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

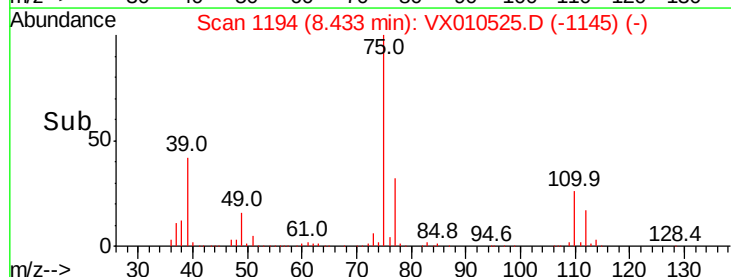
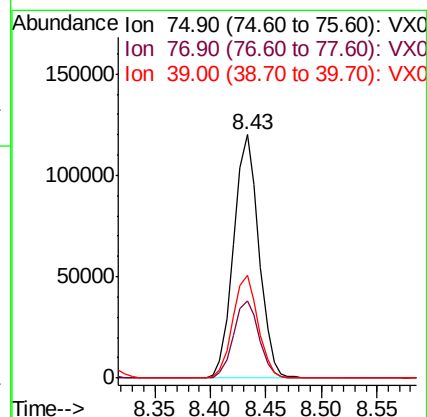
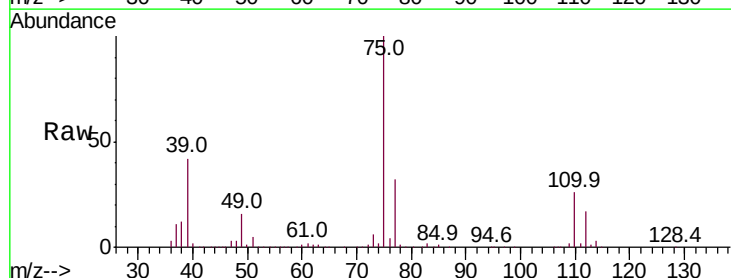
Tgt Ion: 75 Resp: 188888

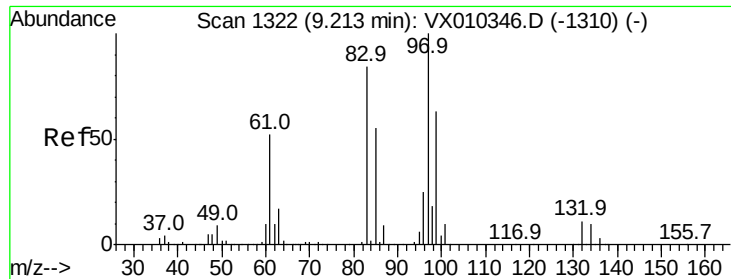
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 41.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 51.006 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

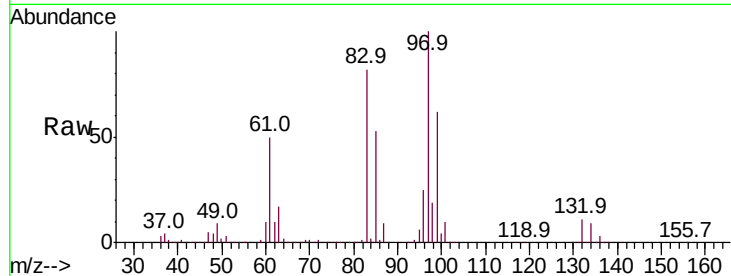
ClientSampled :

VSTDCCC050

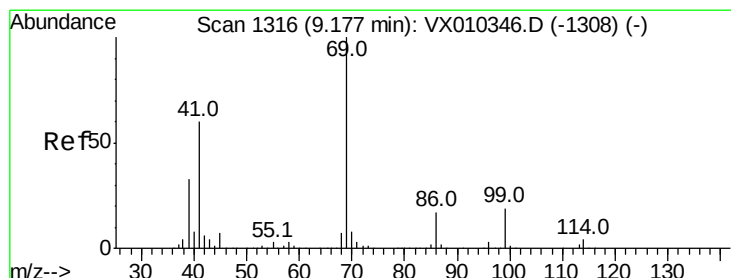
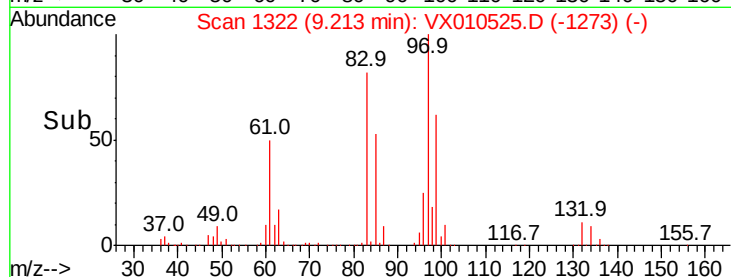
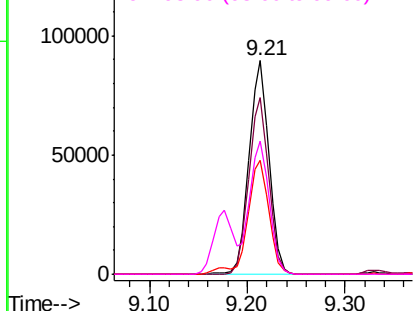
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		126866		
83	82.4	67.4	101.0		
85	53.2	43.8	65.8		
99	62.3	50.3	75.5		

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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: 51.130 ug/l

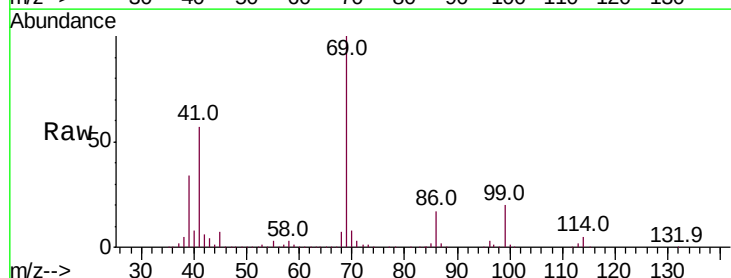
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

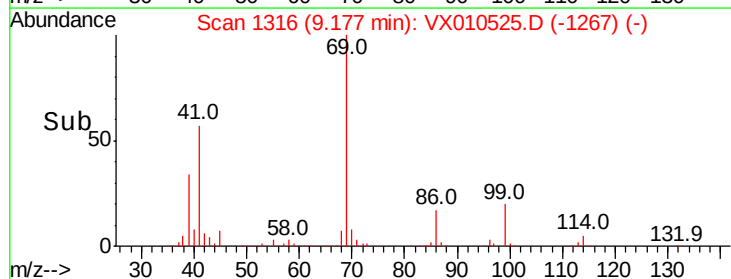
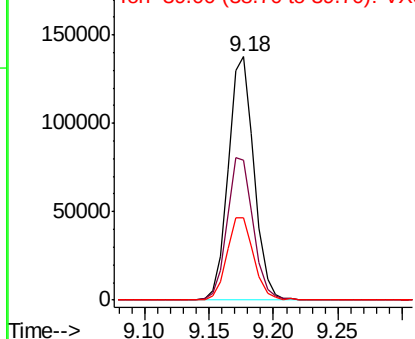
Lab File: VX010525.D

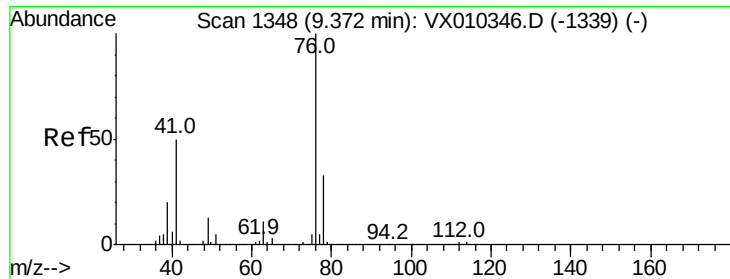
Acq: 28 Jun 2019 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192651		
41	59.4	47.1	70.7		
39	35.2	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





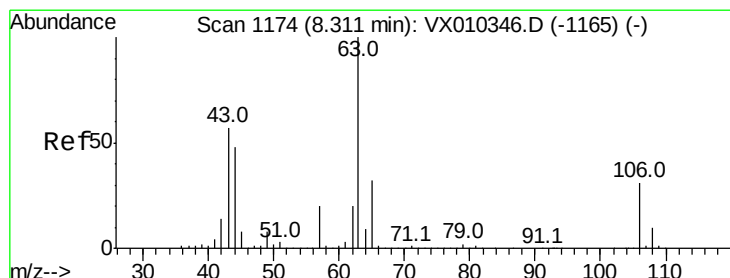
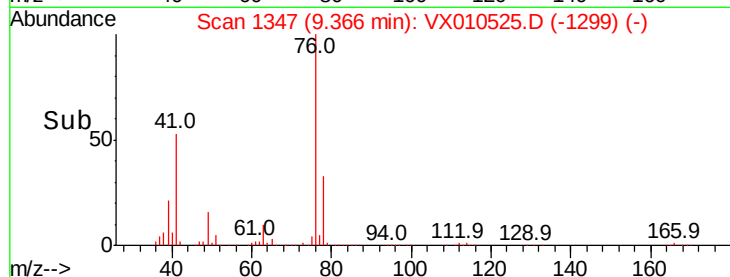
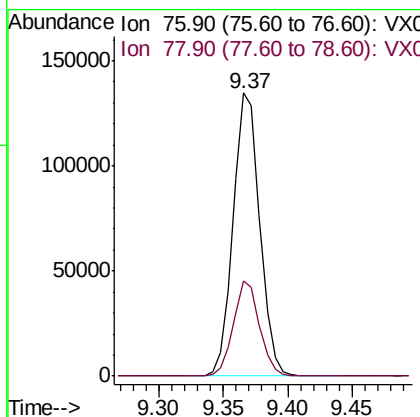
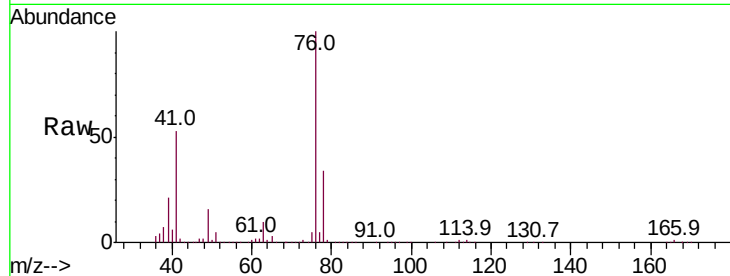
#57
 1,3-Dichloropropane
 Concen: 50.302 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 194215
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1

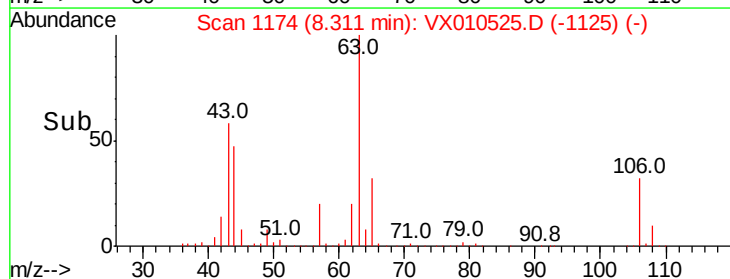
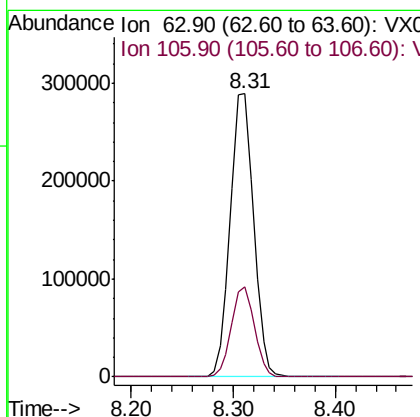
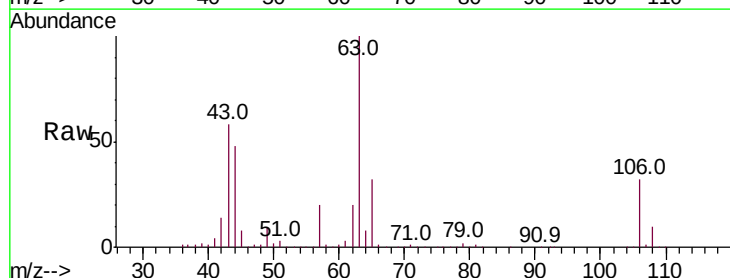
Manual Integrations
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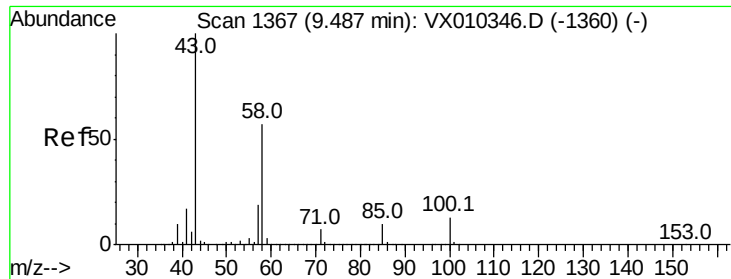
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.984 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion: 63 Resp: 458075
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.7 37.1





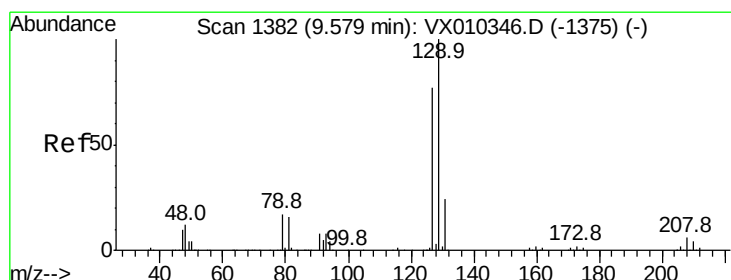
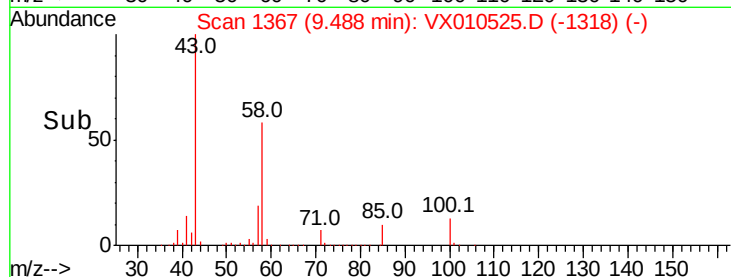
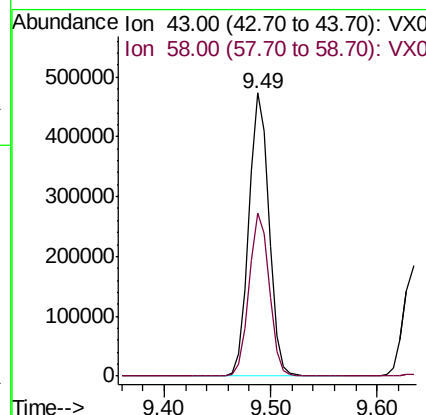
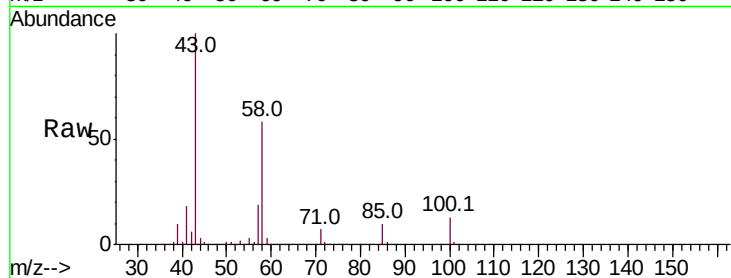
#59
2-Hexanone
Concen: 250.898 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 631872
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1

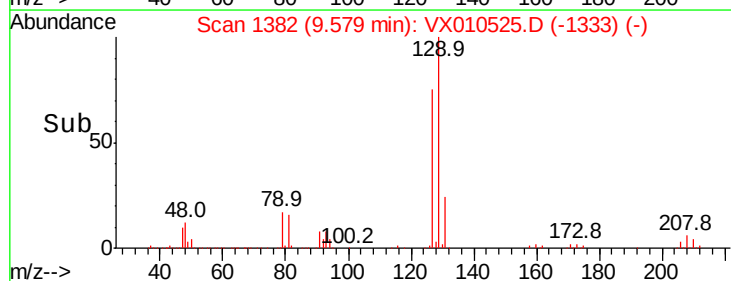
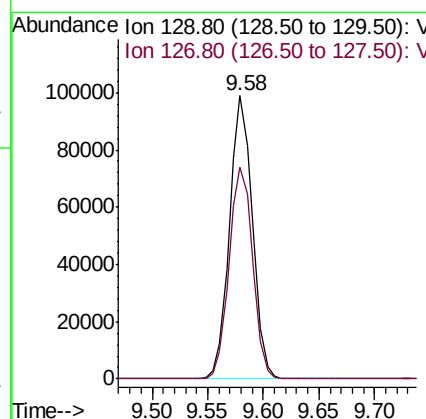
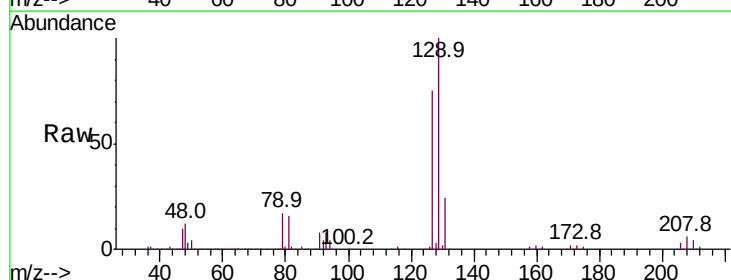
Manual Integrations
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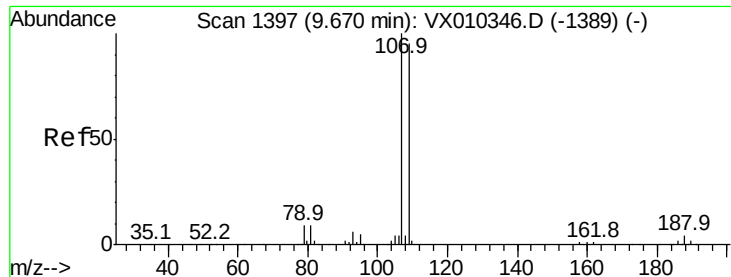
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#60
Dibromochloromethane
Concen: 50.441 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 129 Resp: 140474
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.402 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 135316

Ion Ratio Lower Upper

107 100

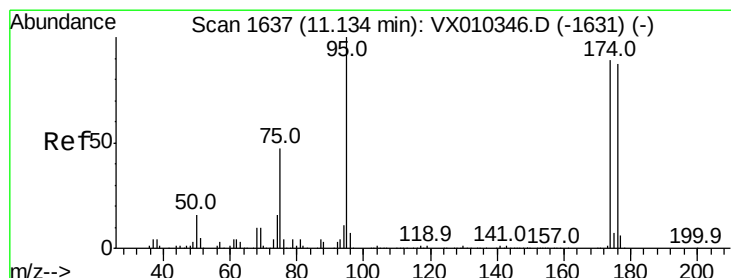
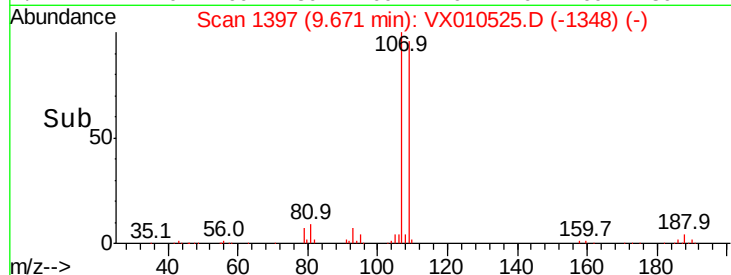
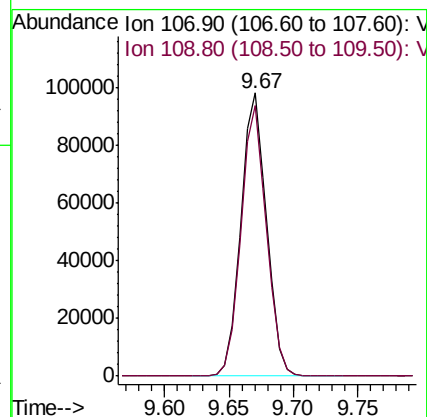
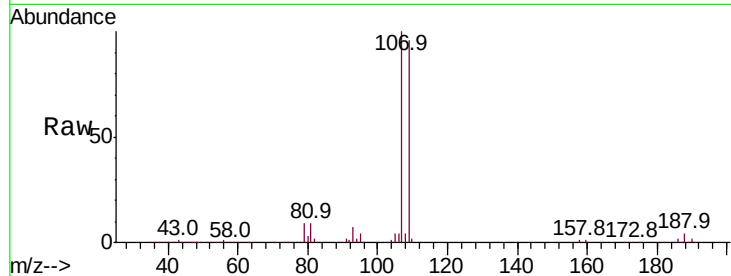
109 95.2 75.8 113.6

Manual Integrations

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7/1/2019 11:35:33 AM



#62

4-Bromofluorobenzene

Concen: 55.123 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

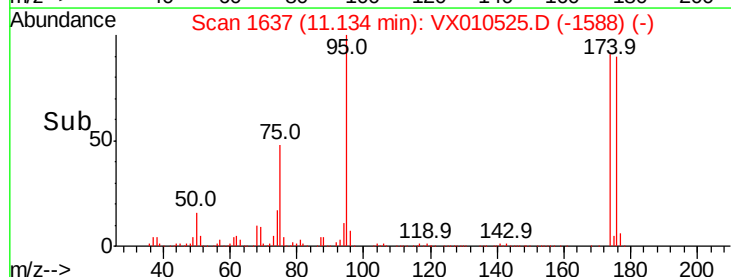
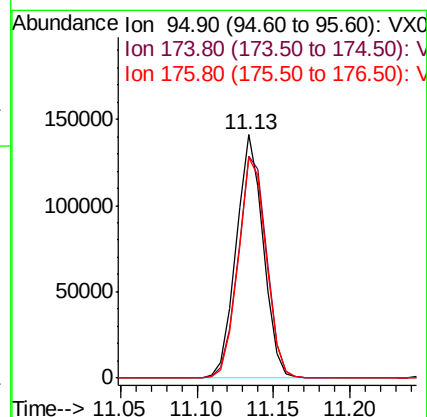
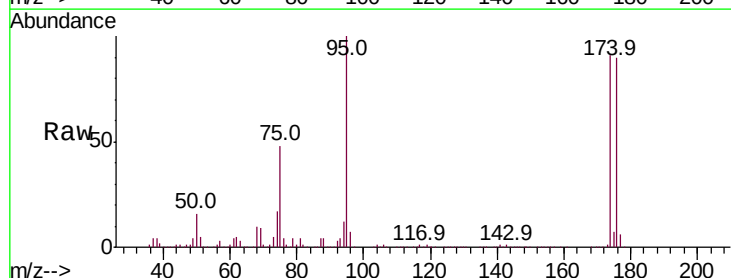
Tgt Ion: 95 Resp: 172319

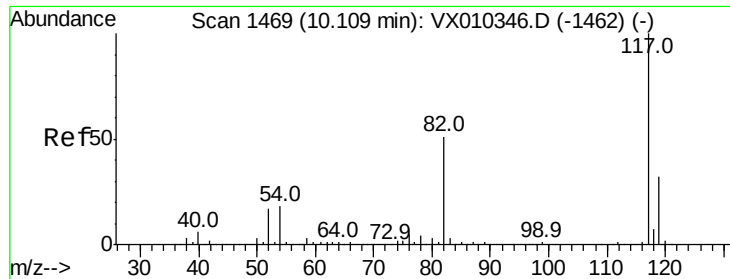
Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.6

176 93.5 0.0 184.0





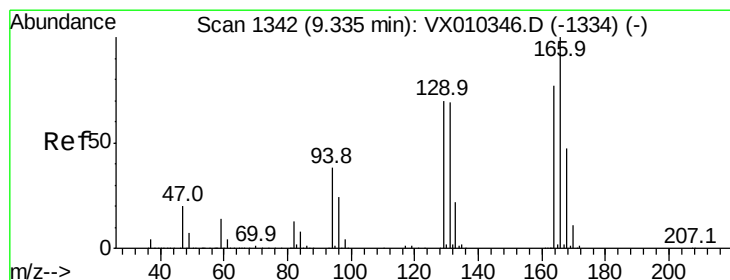
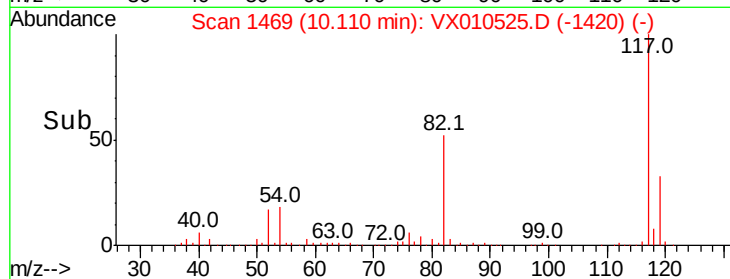
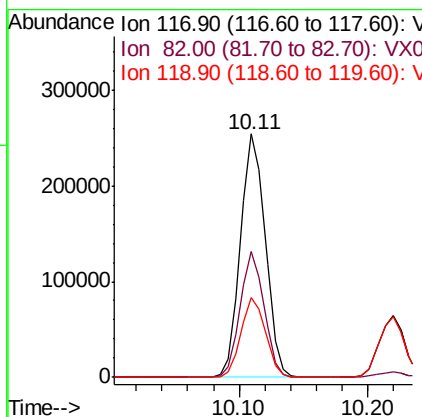
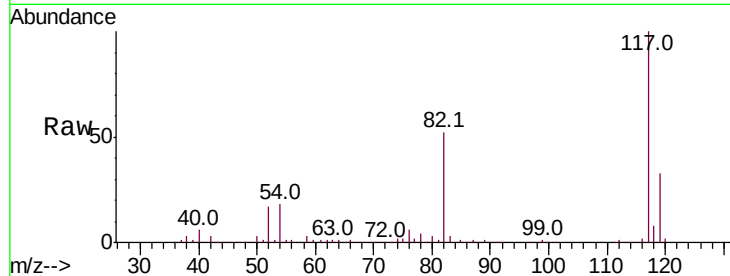
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	340415		
82	51.8	41.2	61.8	
119	32.7	25.5	38.3	

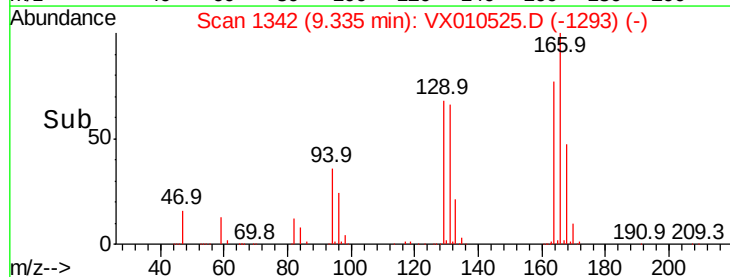
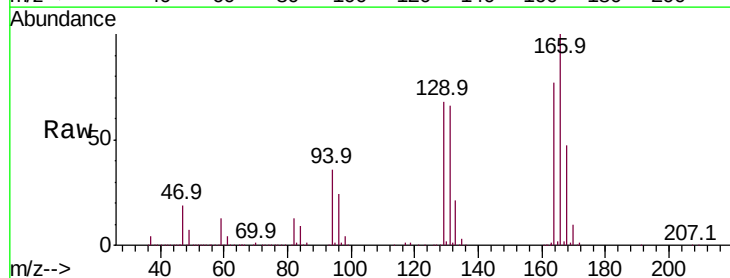
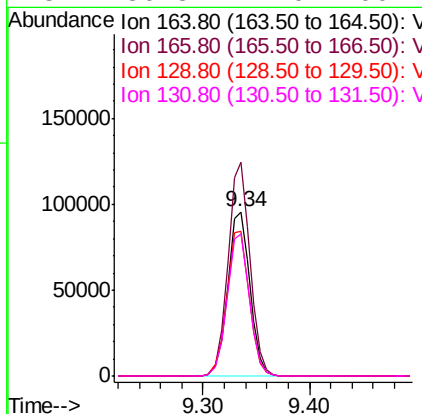
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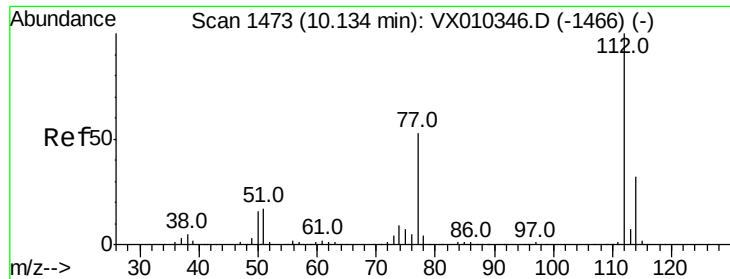
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#64
Tetrachloroethene
Concen: 50.837 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139972		
166	130.1	103.6	155.4	
129	88.0	73.0	109.4	
131	86.3	71.0	106.4	





#65

Chlorobenzene

Concen: 50.720 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 350527

Ion Ratio Lower Upper

112 100

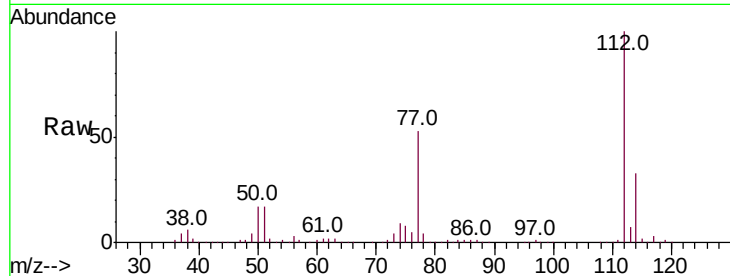
114 32.8 25.4 38.2

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

250000

200000

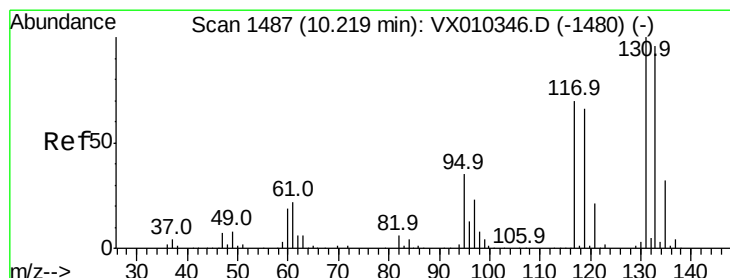
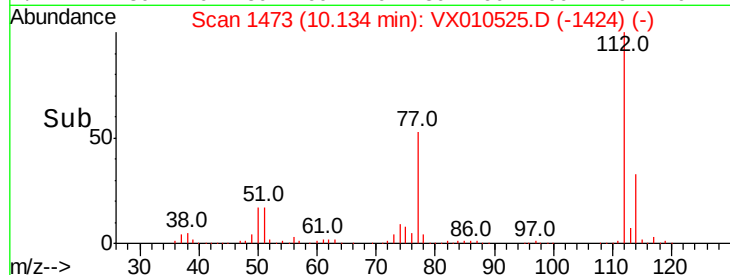
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.838 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

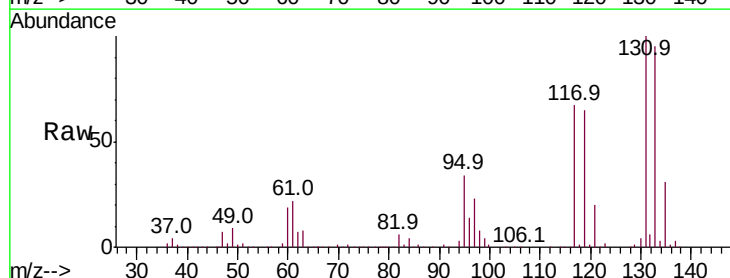
Tgt Ion:131 Resp: 130496

Ion Ratio Lower Upper

131 100

133 95.1 47.7 143.1

119 66.1 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

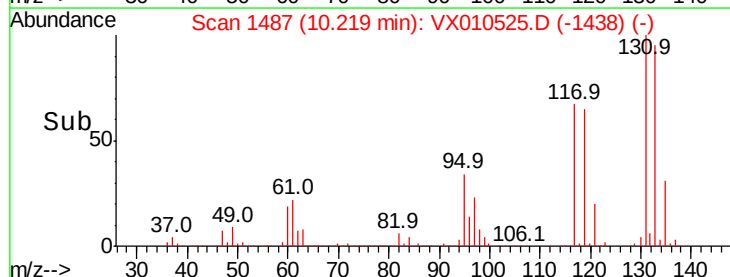
10.22

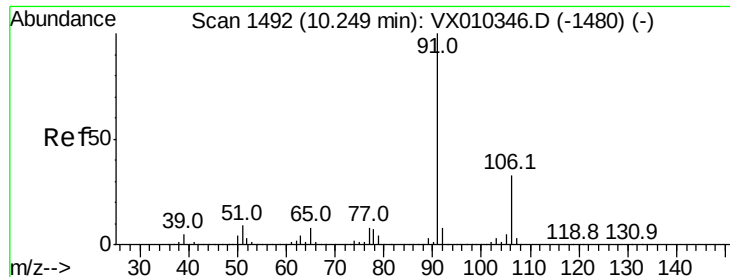
100000

50000

0

Time-->





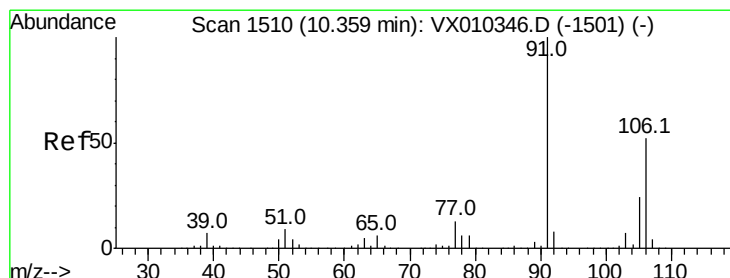
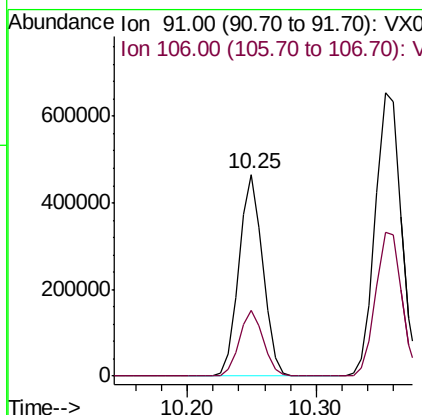
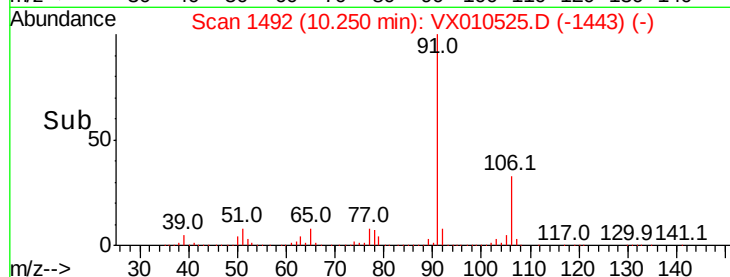
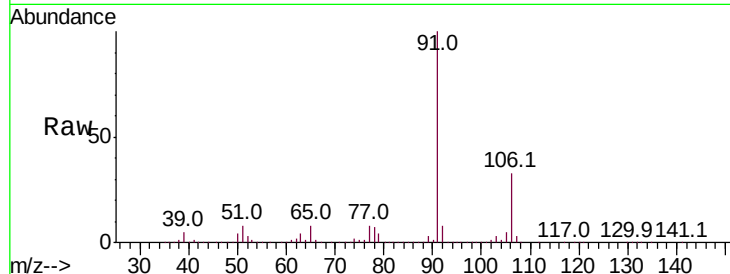
#67
Ethyl Benzene
Concen: 51.071 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 595863
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2

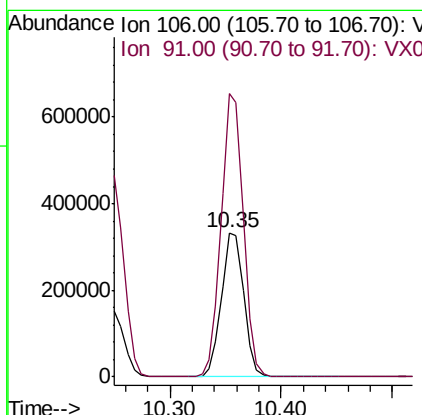
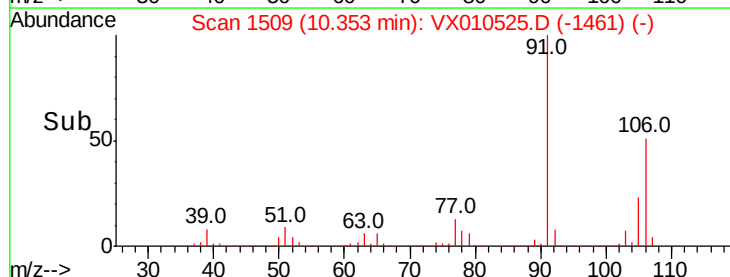
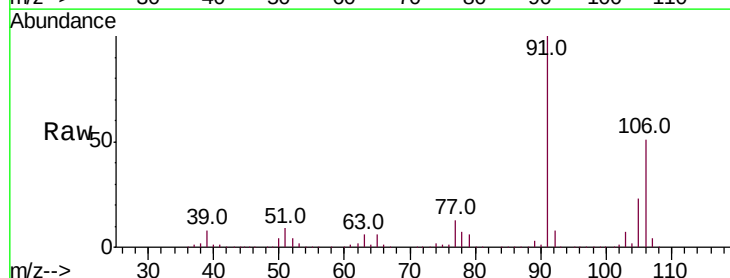
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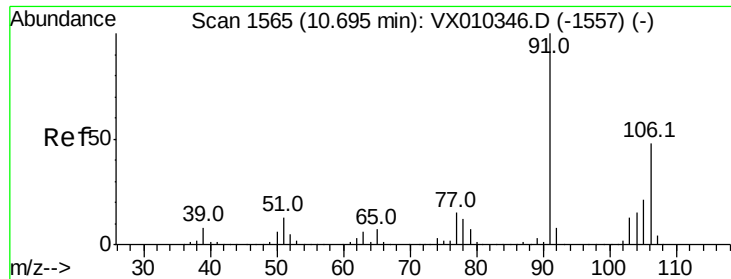
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#68
m/p-Xylenes
Concen: 102.368 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 106 Resp: 462790
Ion Ratio Lower Upper
106 100
91 194.9 155.3 232.9





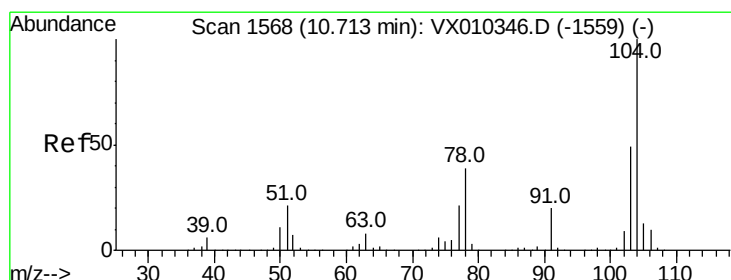
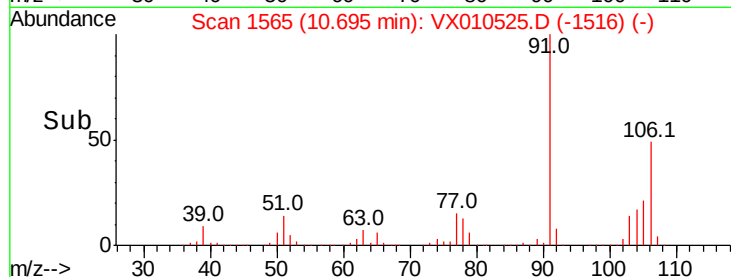
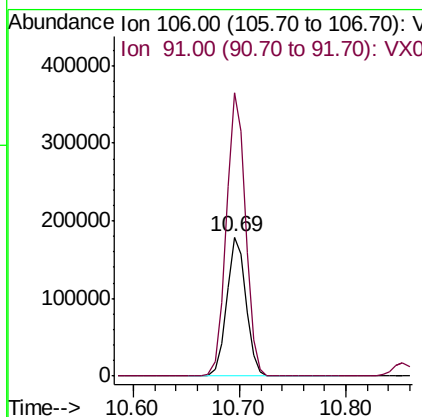
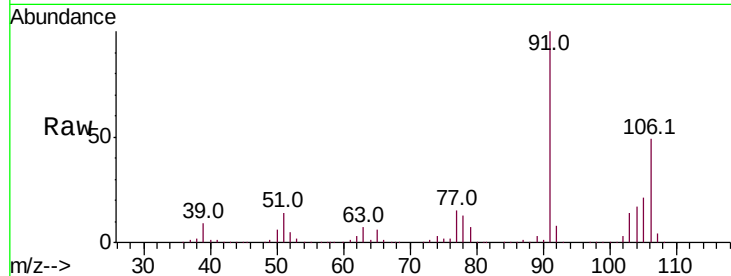
#69
o-Xylene
Concen: 51.002 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 226748
Ion Ratio Lower Upper
106 100
91 203.4 102.7 308.1

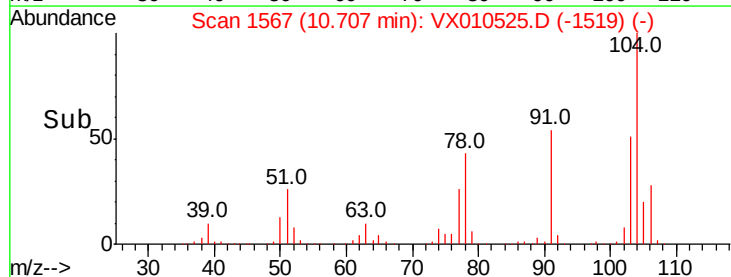
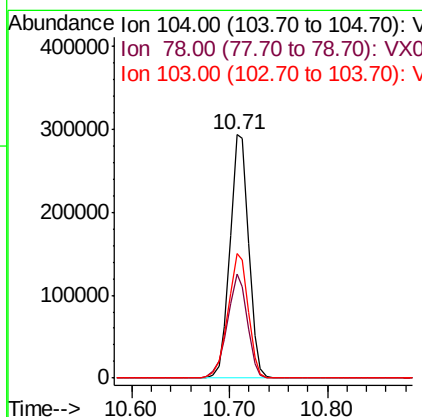
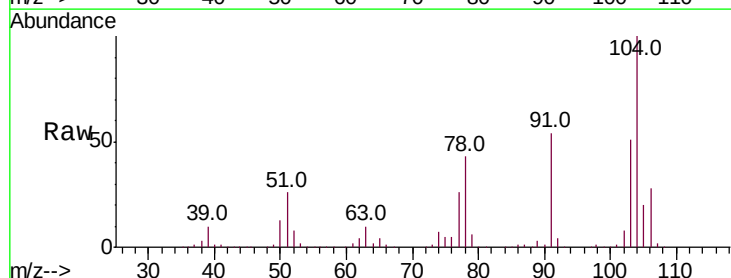
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APPROVED

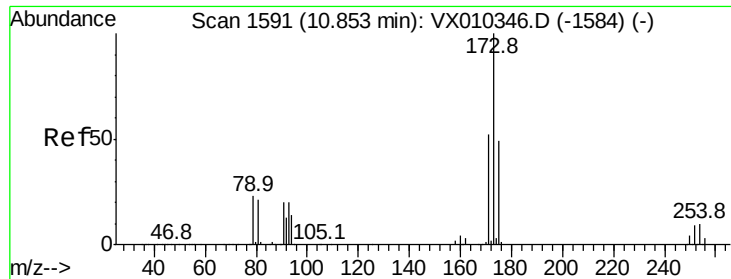
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#70
Styrene
Concen: 52.428 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion:104 Resp: 390891
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.2
103 55.0 44.2 66.4





#71

Bromoform

Concen: 50.830 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:173 Resp: 111275

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

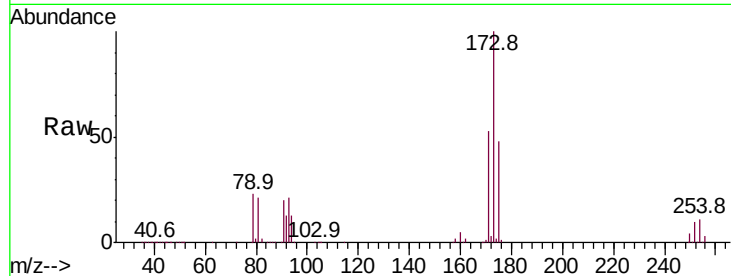
254 0.2 0.2 0.2

Manual Integrations

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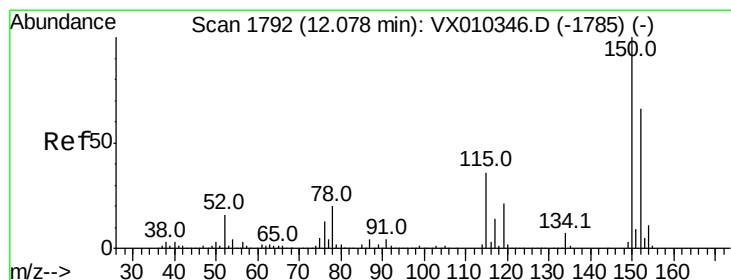
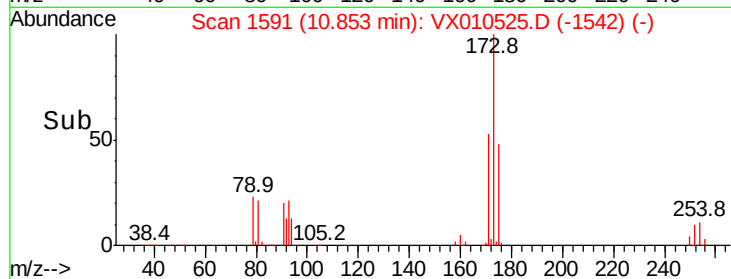
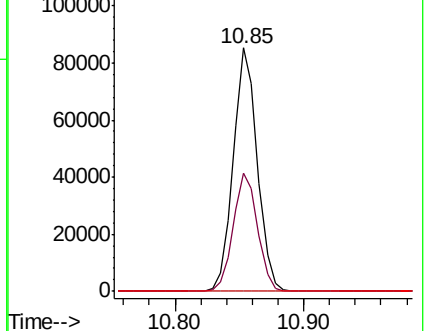
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

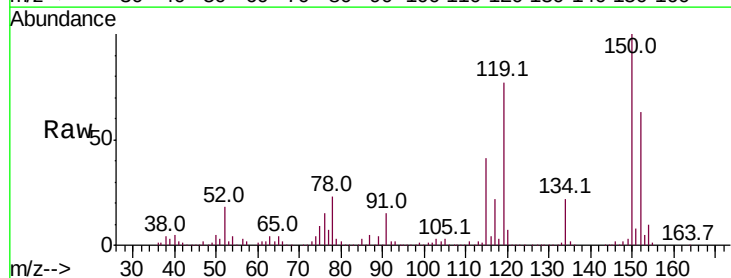
Tgt Ion:152 Resp: 181638

Ion Ratio Lower Upper

152 100

115 78.9 38.6 115.7

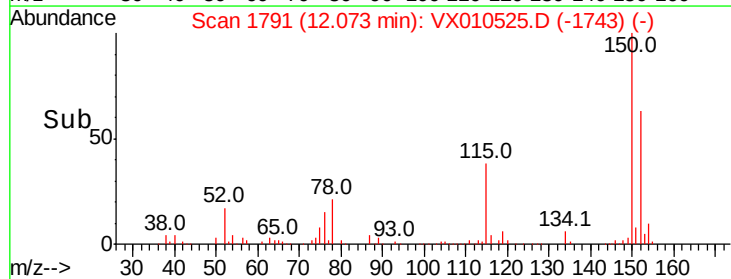
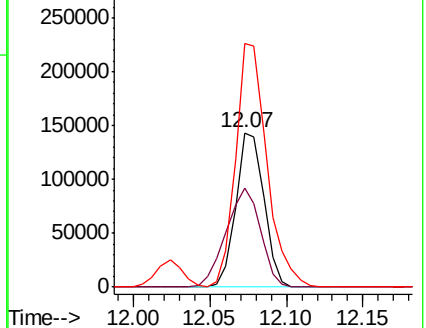
150 175.9 0.0 347.4

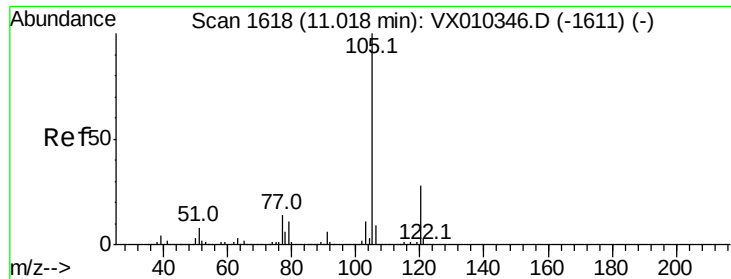


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.650 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 611329

Ion Ratio Lower Upper

105 100

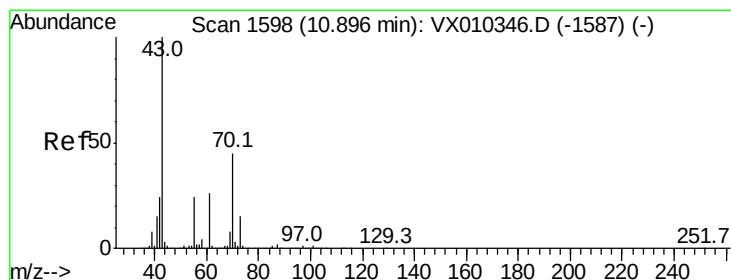
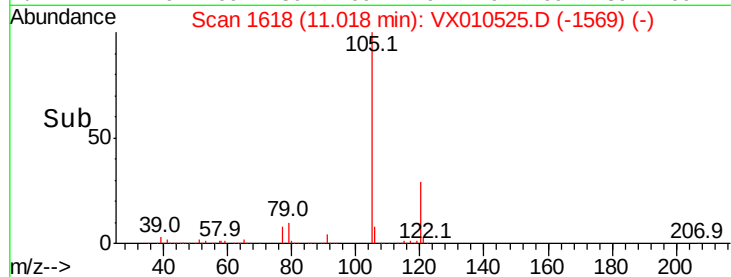
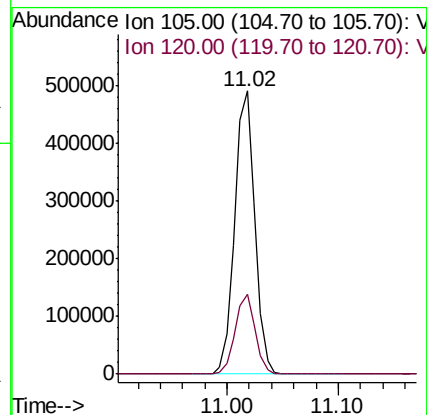
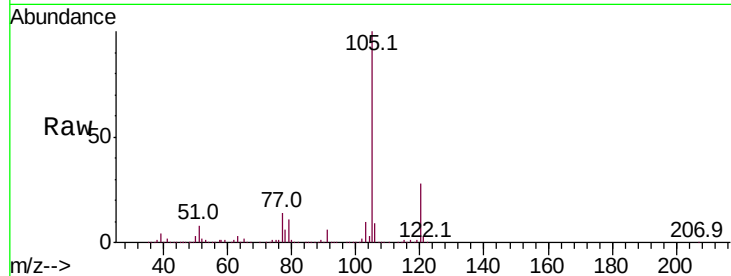
120 28.0 14.1 42.4

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#74

N-ethyl acetate

Concen: 50.024 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion: 43 Resp: 232777

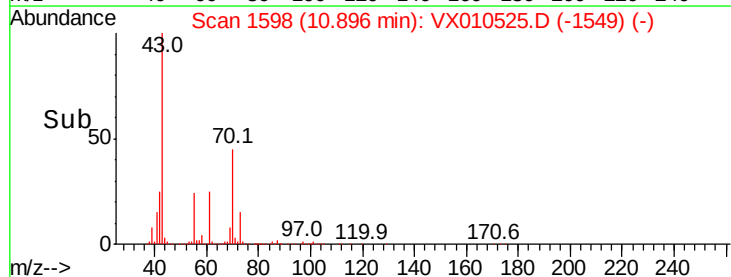
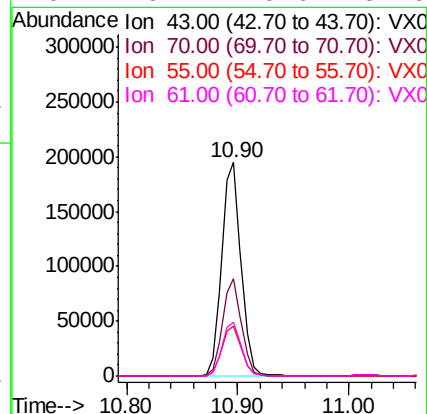
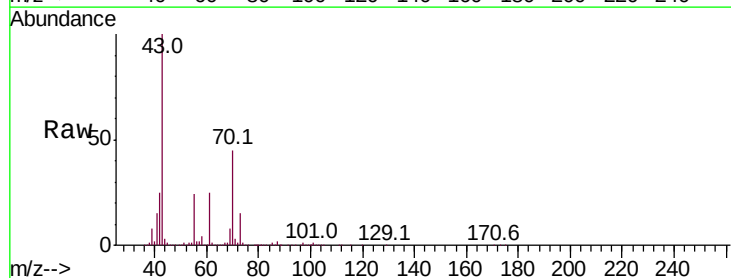
Ion Ratio Lower Upper

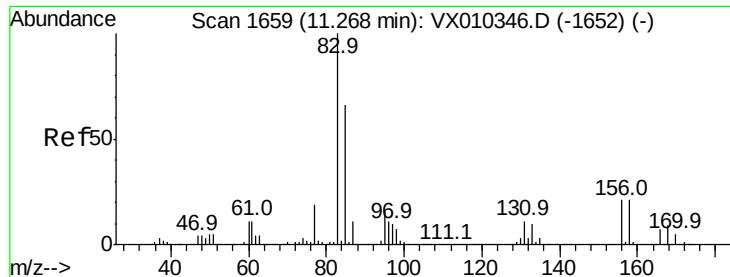
43 100

70 44.5 36.6 54.8

55 23.8 18.7 28.1

61 25.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.825 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

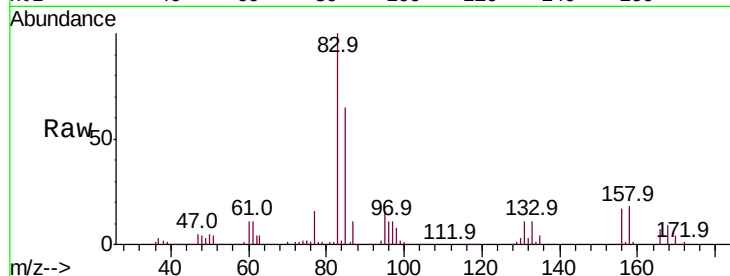
ClientSampleId :

VSTDCCC050

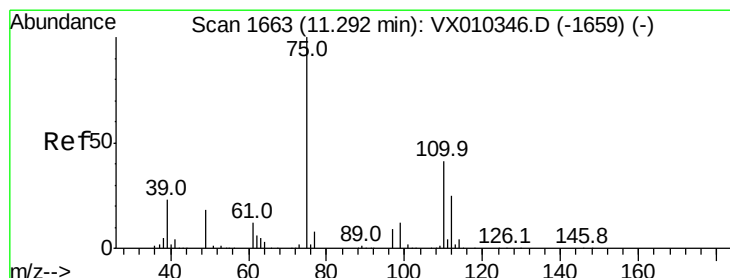
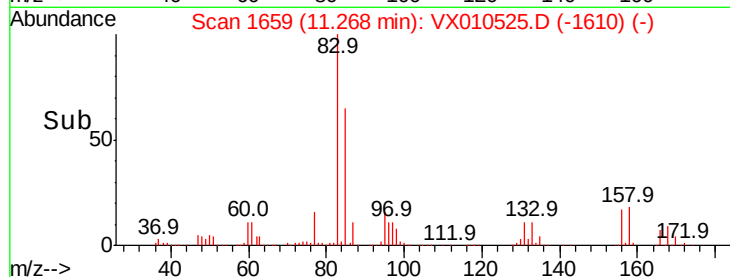
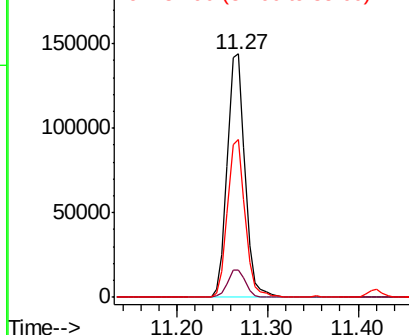
Tot Ion:	83	Resp:	195014
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.4
85	64.7	32.3	96.8

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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: 48.869 ug/l m

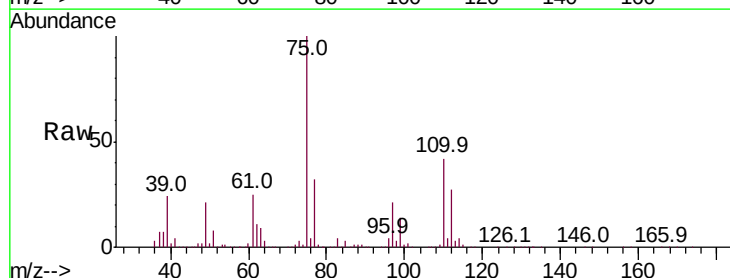
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

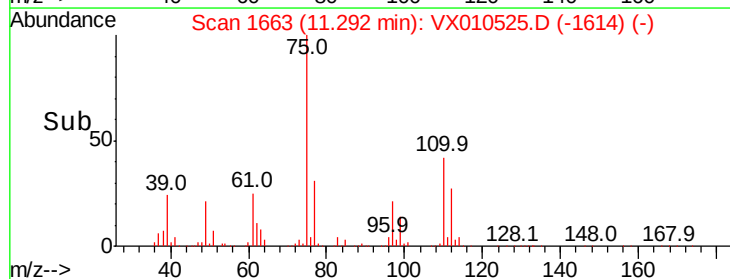
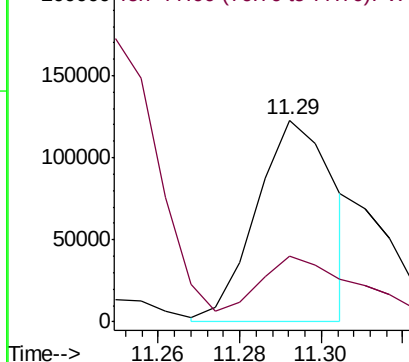
Lab File: VX010525.D

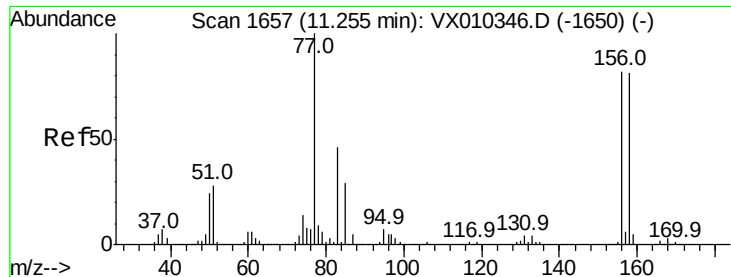
Acq: 28 Jun 2019 10:11

Tgt Ion:	75	Resp:	161752
Ion Ratio	Lower	Upper	
75	100		
77	43.0	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: 49.116 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

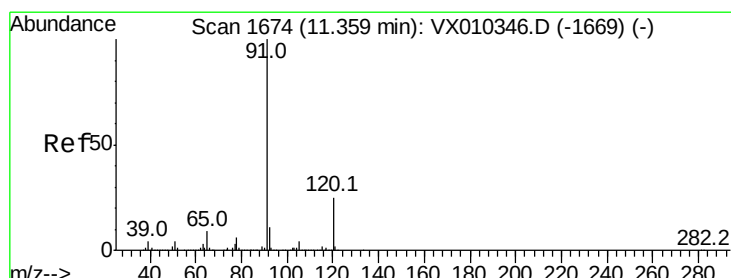
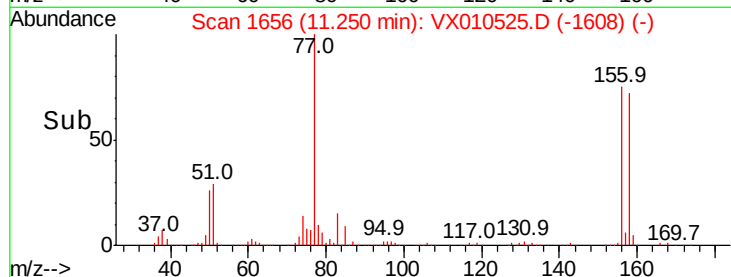
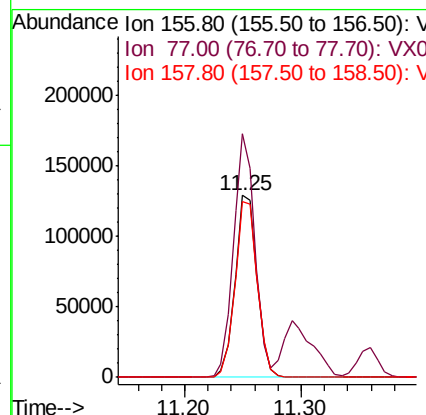
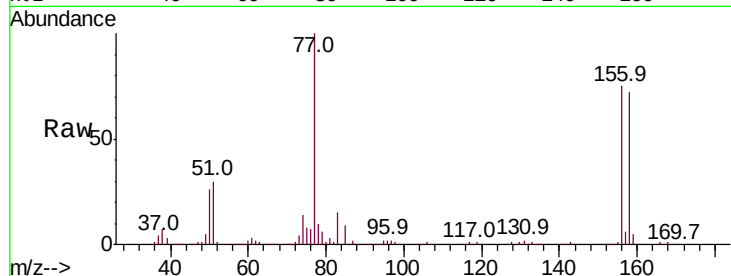
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	168865
Ion Ratio	Lower	Upper	
156	100		
77	130.2	66.3	198.7
158	98.0	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 50.680 ug/l

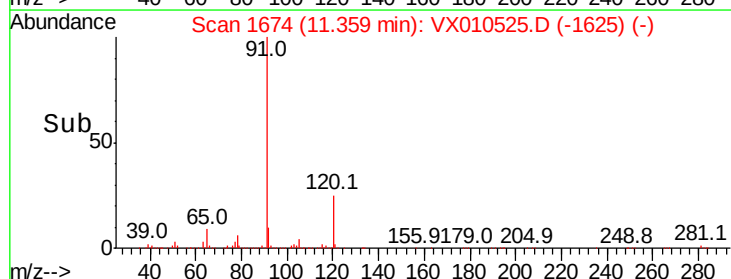
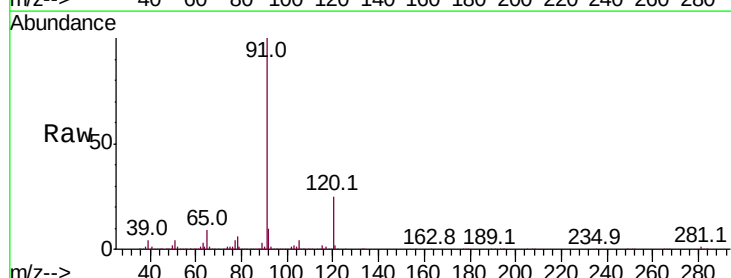
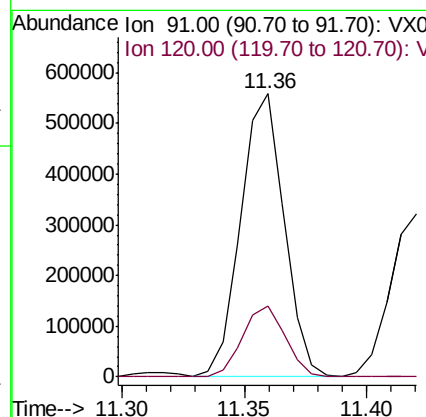
RT: 11.36 min Scan# 1674

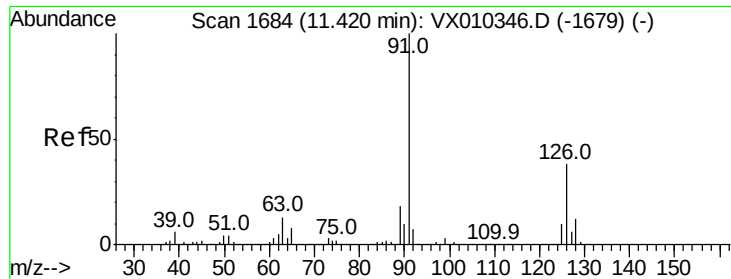
Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	91	Resp:	685814
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.4	37.4





#79

2-Chlorotoluene

Concen: 49.164 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 396174

Ion Ratio Lower Upper

91 100

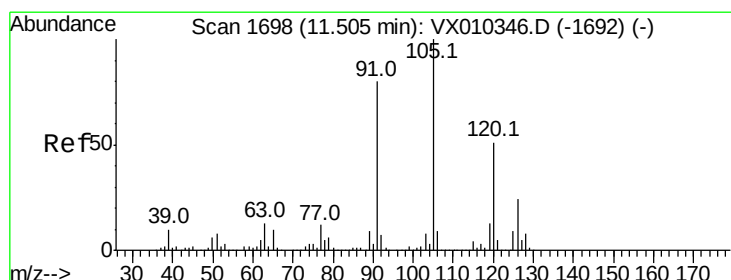
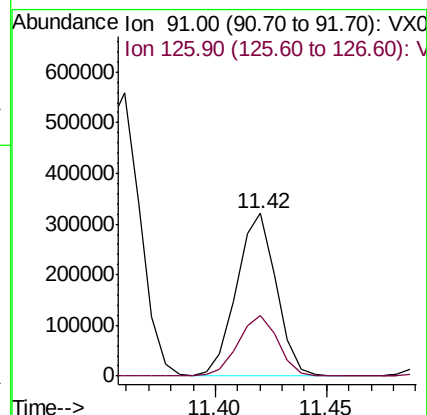
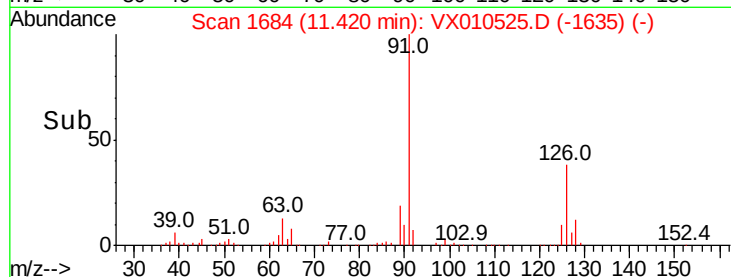
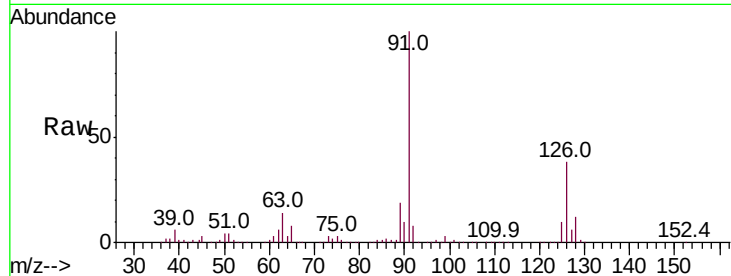
126 37.8 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 50.591 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010525.D

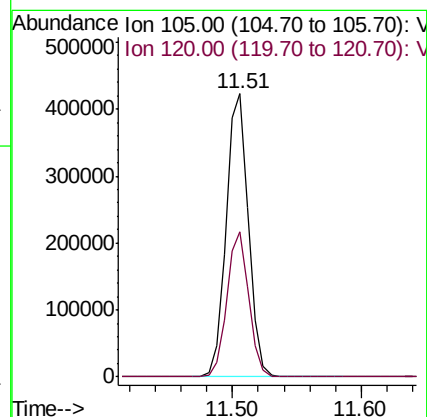
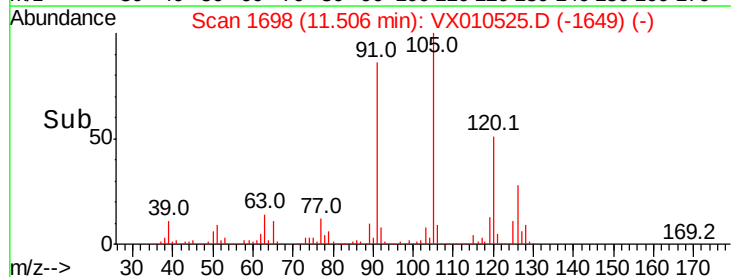
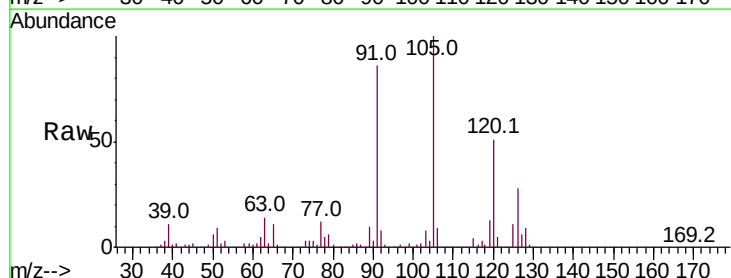
Acq: 28 Jun 2019 10:11

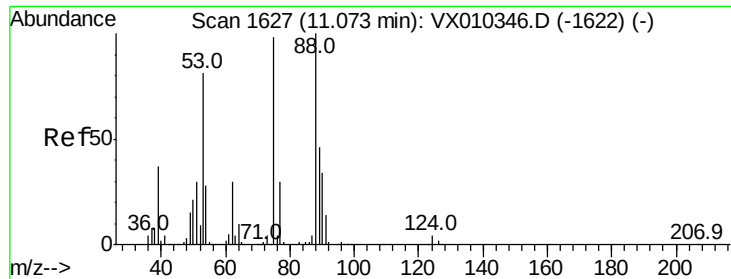
Tgt Ion: 105 Resp: 513516

Ion Ratio Lower Upper

105 100

120 50.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 44.568 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

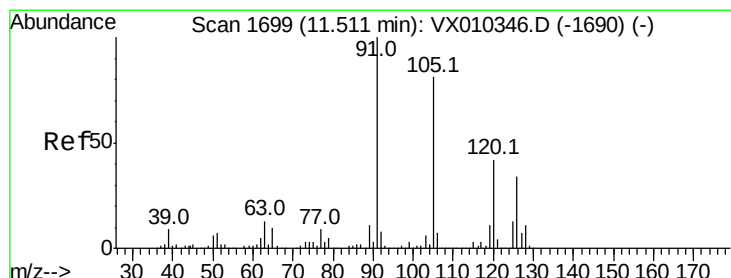
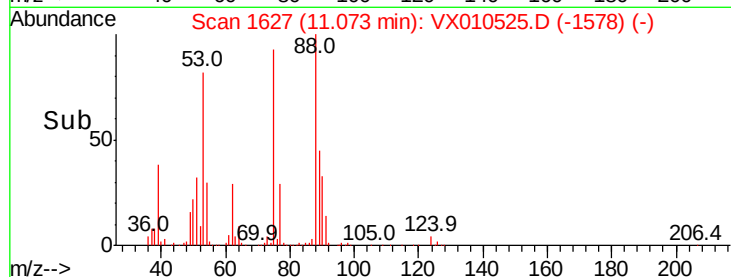
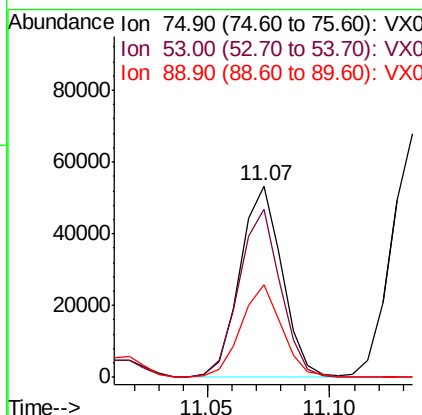
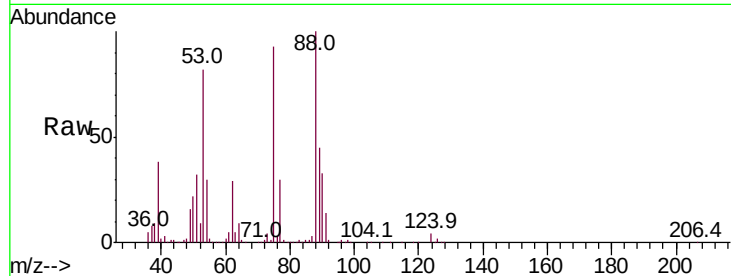
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	63233
Ion	Ratio	Lower	Upper
75	100		
53	87.8	66.1	99.1
89	47.8	37.8	56.6

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#82

4-Chlorotoluene

Concen: 50.335 ug/l

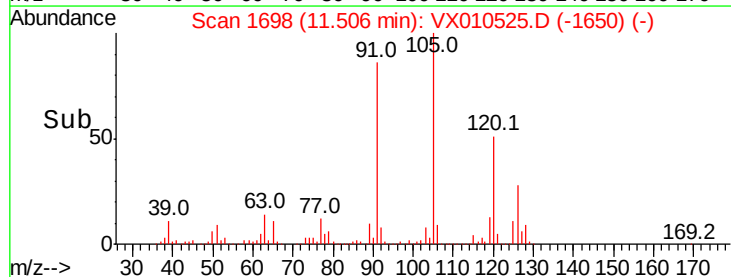
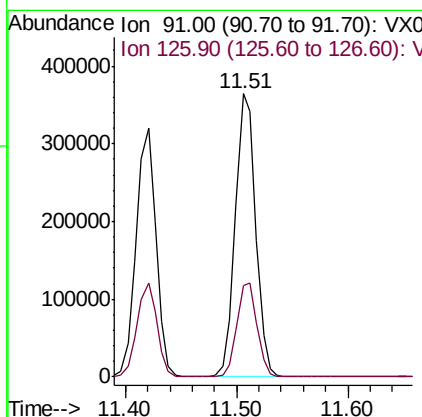
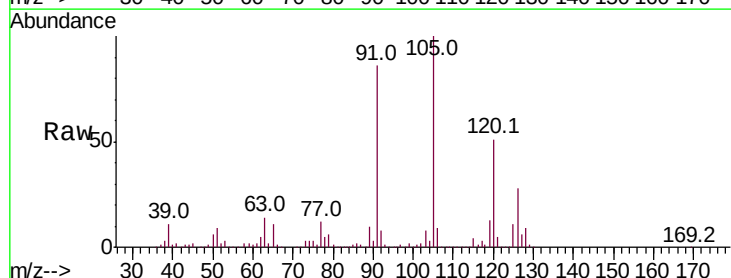
RT: 11.51 min Scan# 1698

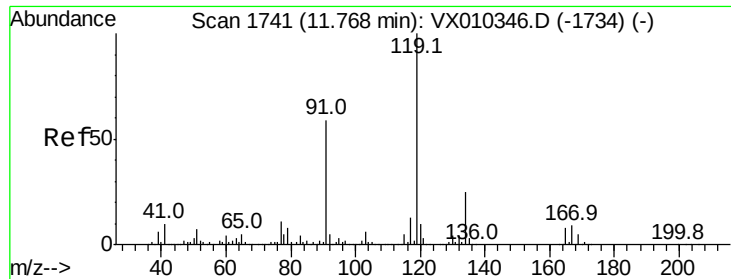
Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	91	Resp:	461537
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.2	48.6





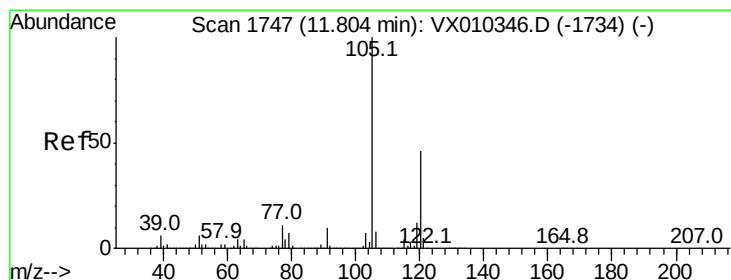
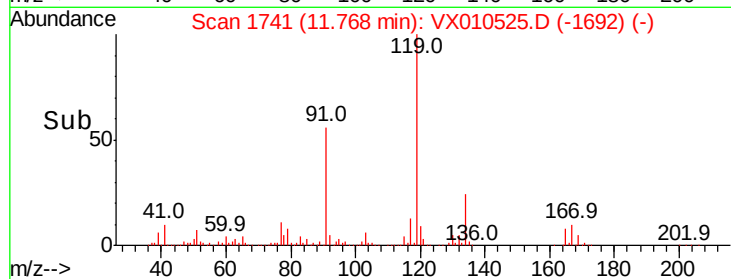
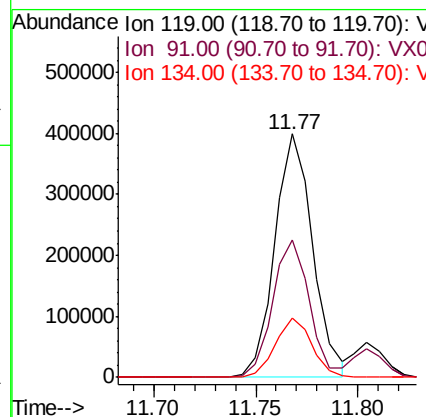
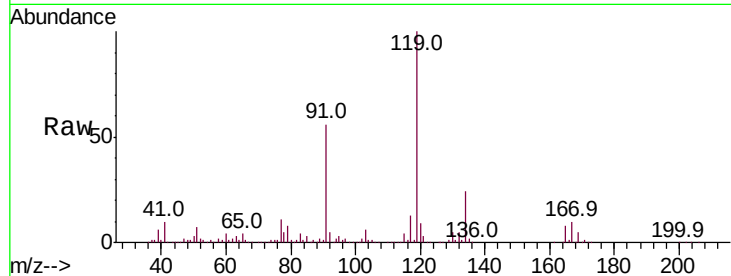
#83
 tert-Butylbenzene
 Concen: 50.738 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	516912		
91	54.9	27.6	82.7	
134	23.6	11.8	35.4	

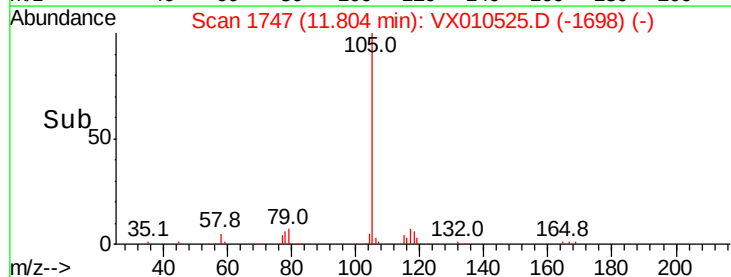
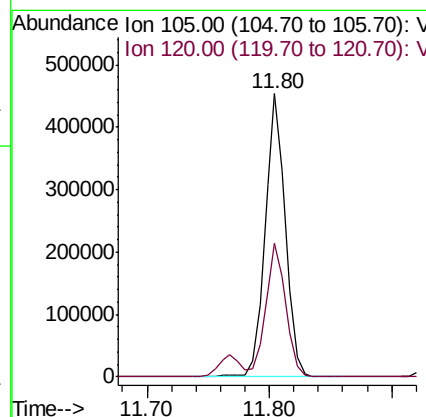
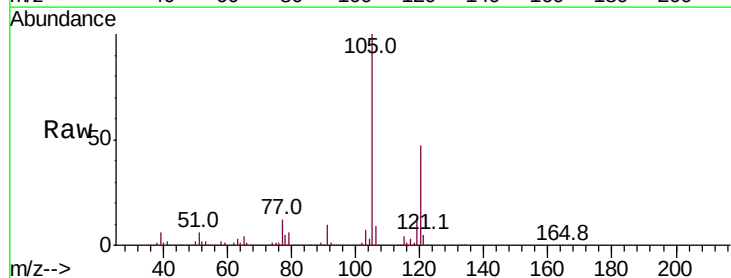
Manual Integrations
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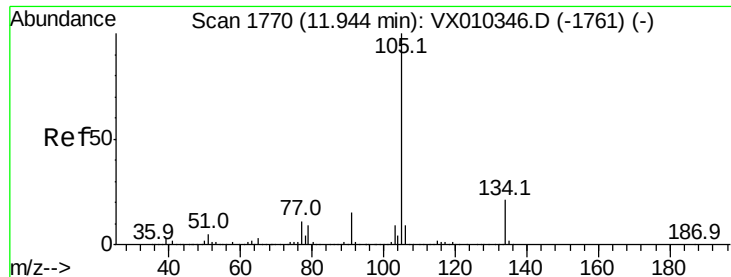
MMDadoda
 7/1/2019 11:35:33 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.056 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	520667		
120	46.9	23.1	69.2	





#85

sec-Butylbenzene

Concen: 51.602 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 617255

Ion Ratio Lower Upper

105 100

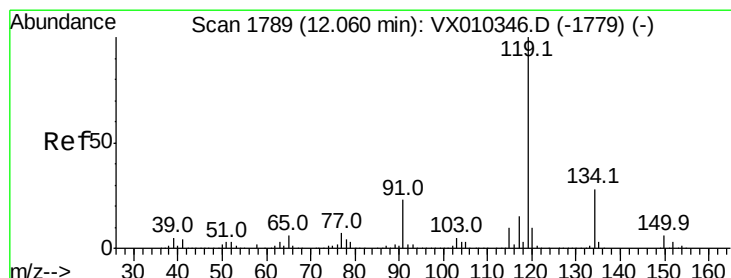
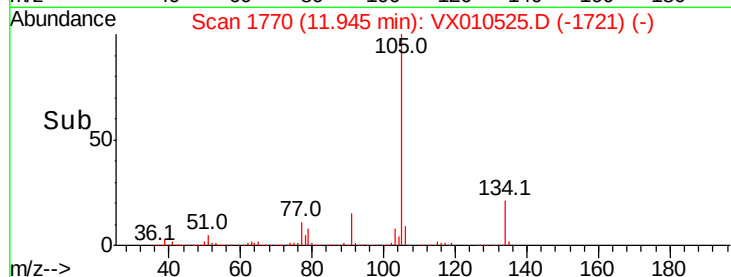
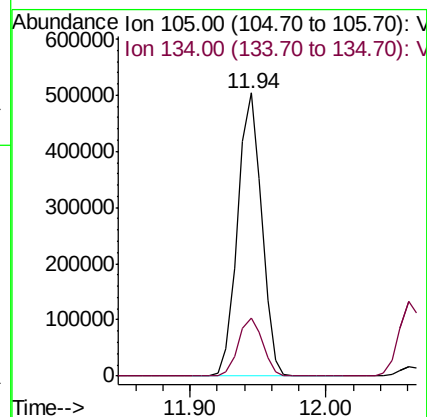
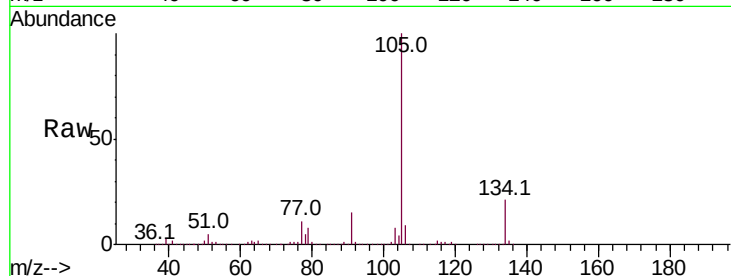
134 21.0 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 52.094 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

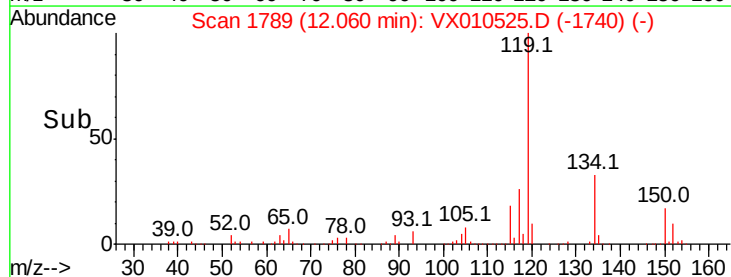
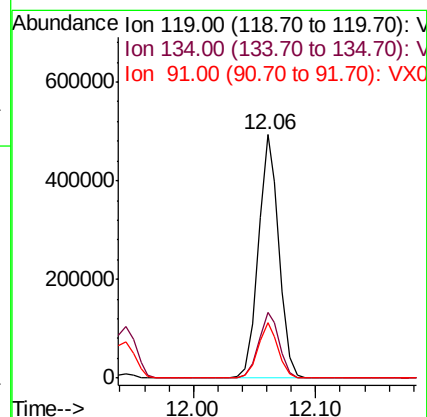
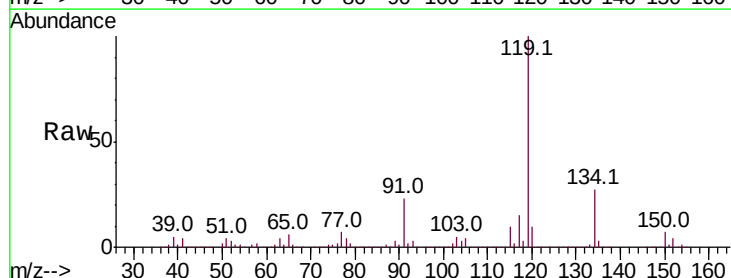
Tgt Ion:119 Resp: 576385

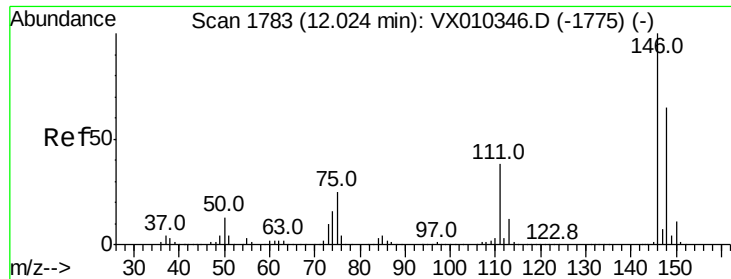
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 50.382 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

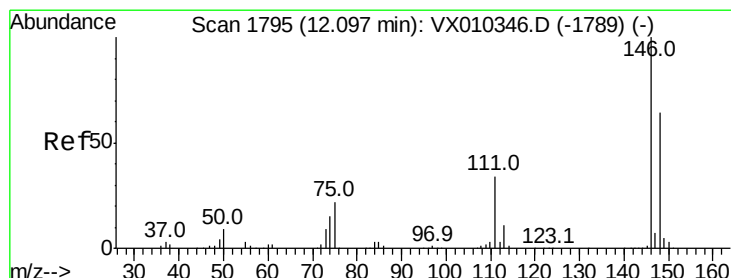
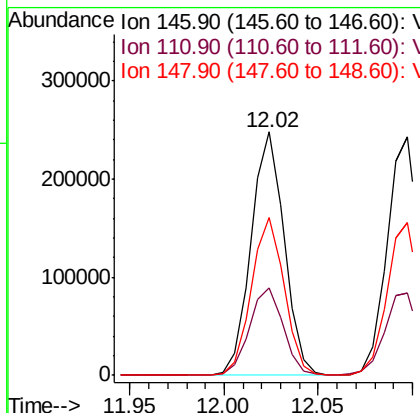
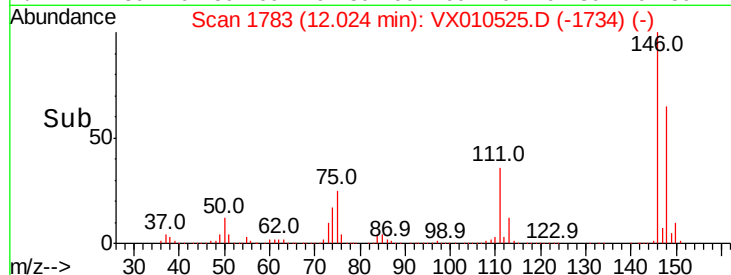
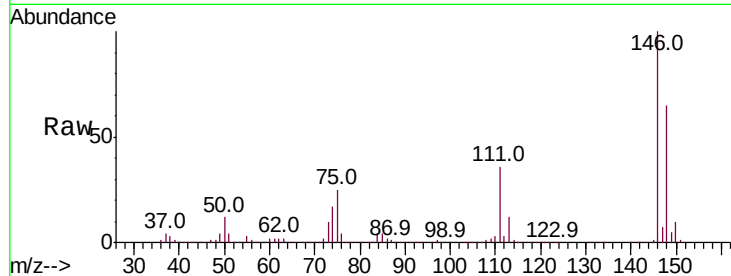
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	302361
Ion Ratio	Lower	Upper	
146	100		
111	36.5	19.1	57.1
148	64.4	32.5	97.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.163 ug/l

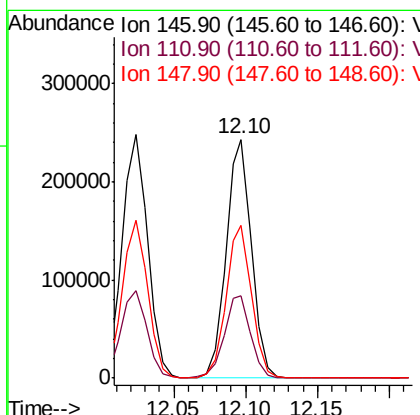
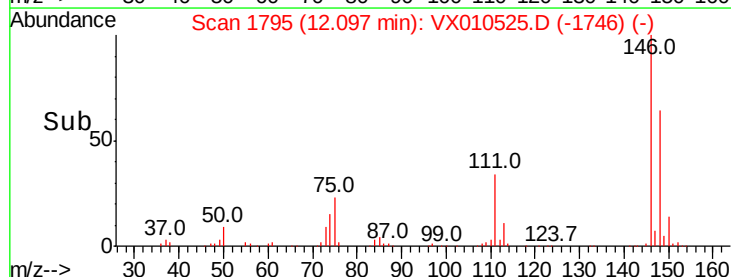
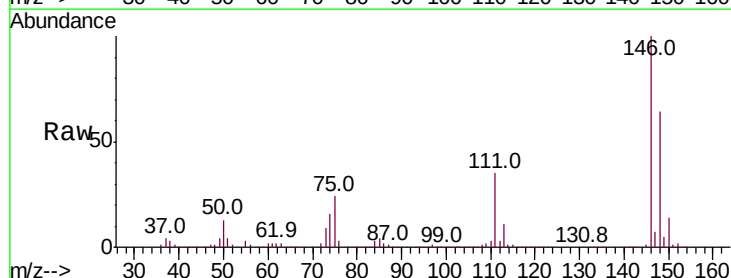
RT: 12.10 min Scan# 1795

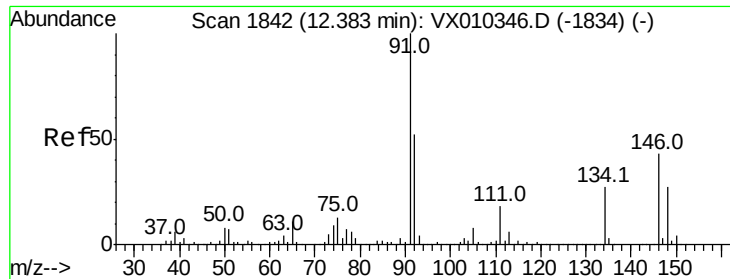
Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	146	Resp:	300373
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.1	54.3
148	64.3	32.1	96.3





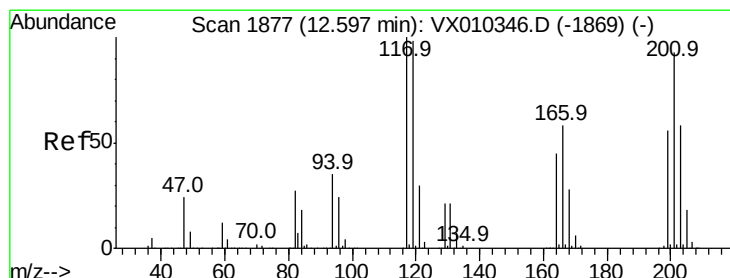
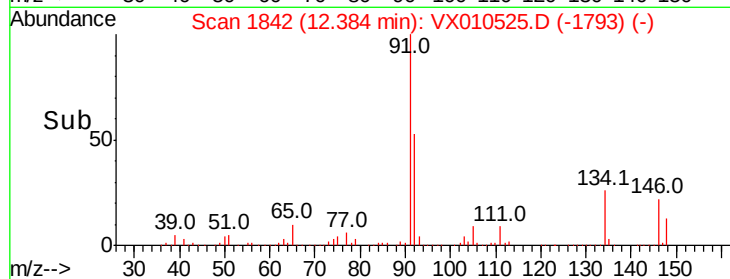
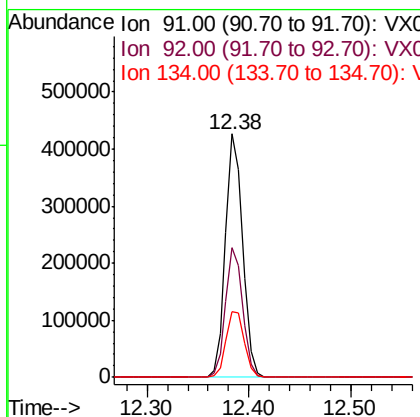
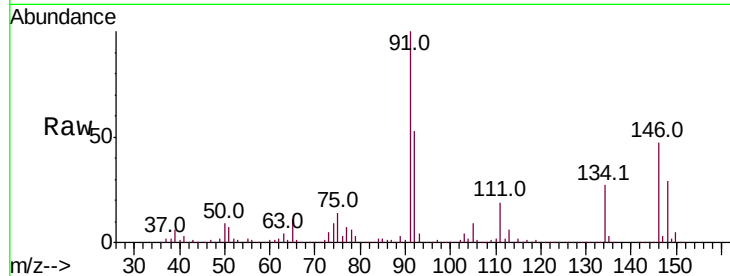
#89
n-Butylbenzene
Concen: 53.205 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	28.4	14.1	42.4

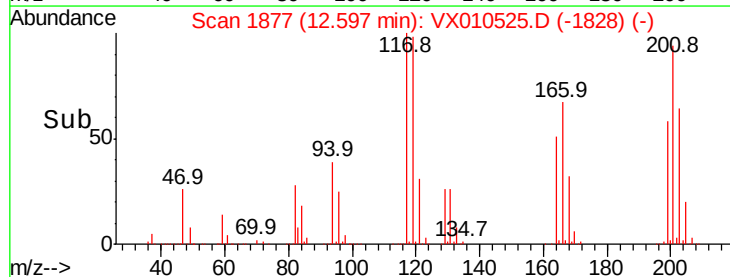
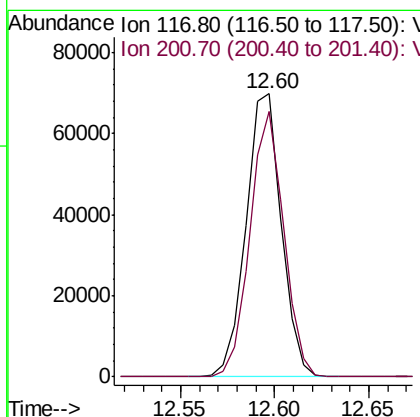
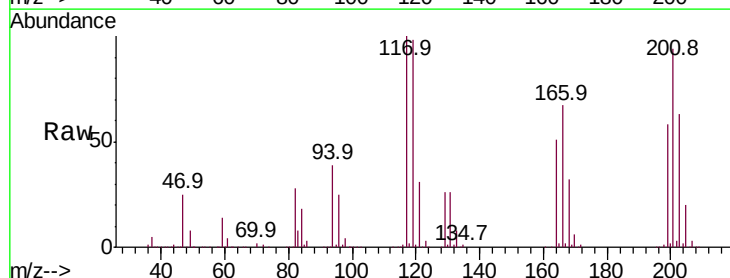
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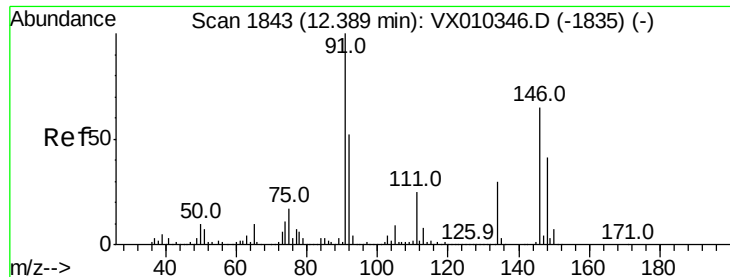
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#90
Hexachloroethane
Concen: 47.467 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	44.0	131.8





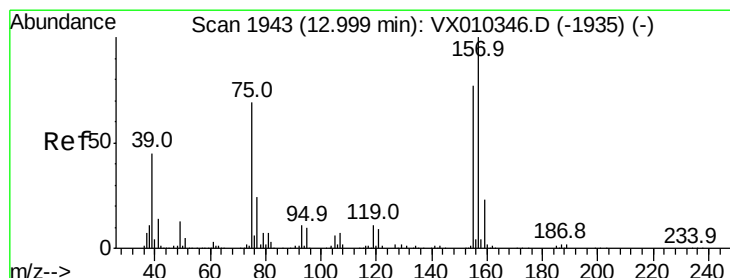
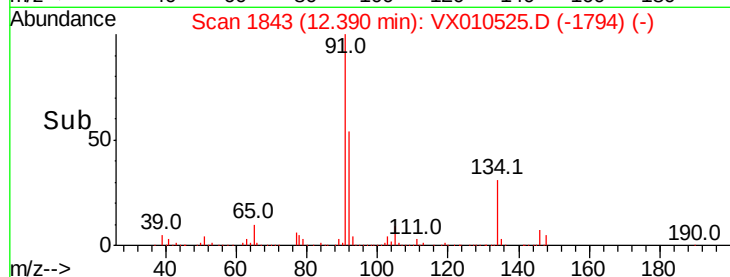
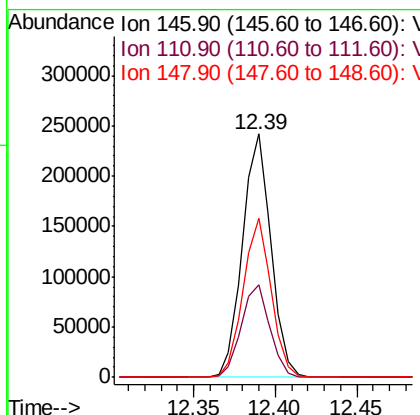
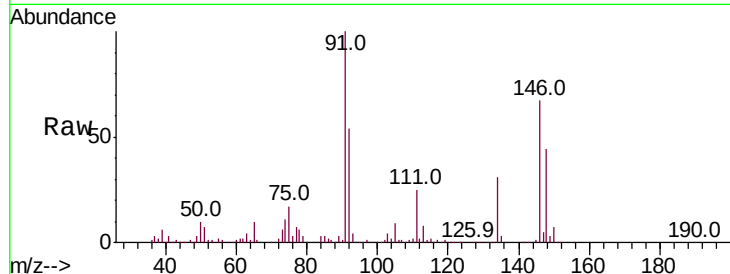
#91
 1,2-Dichlorobenzene
 Concen: 49.456 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.2	57.6
148	64.5	32.0	96.0

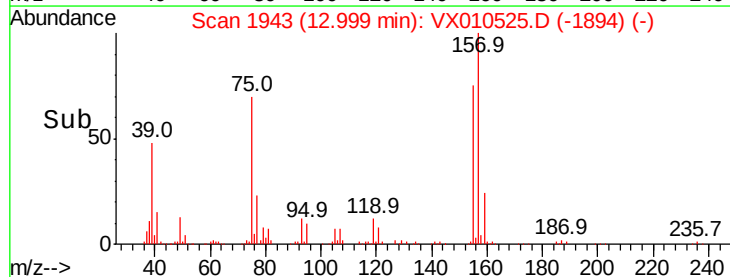
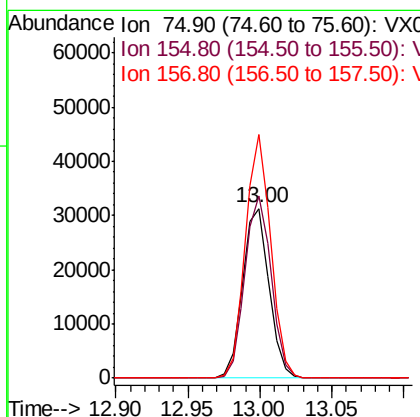
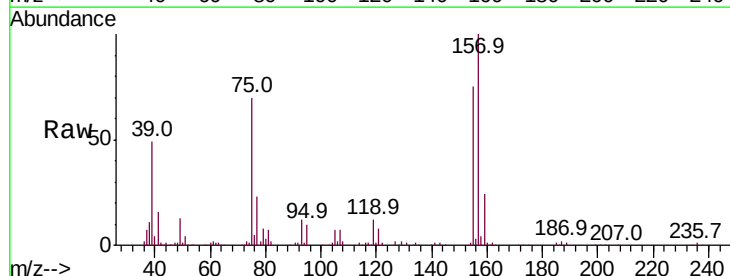
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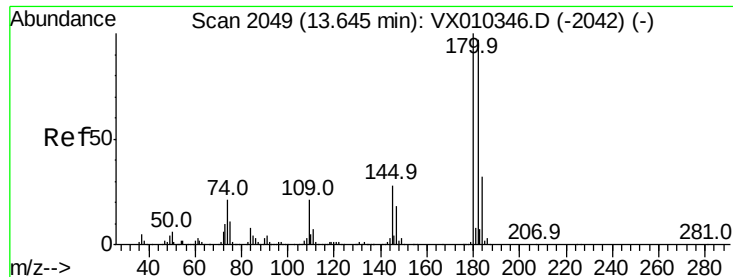
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.235 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.0	54.4	163.1
157	136.8	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 52.808 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

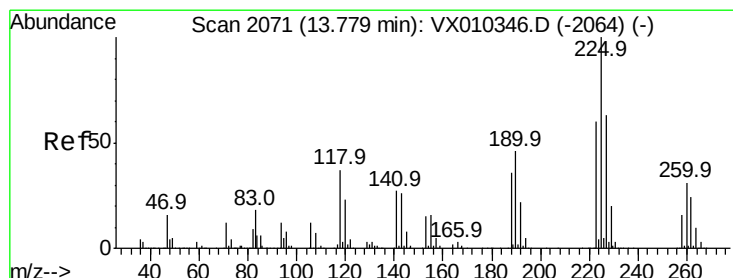
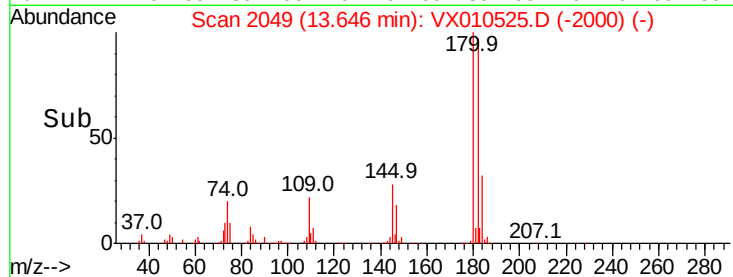
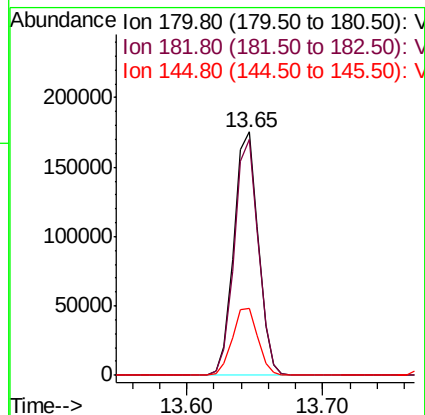
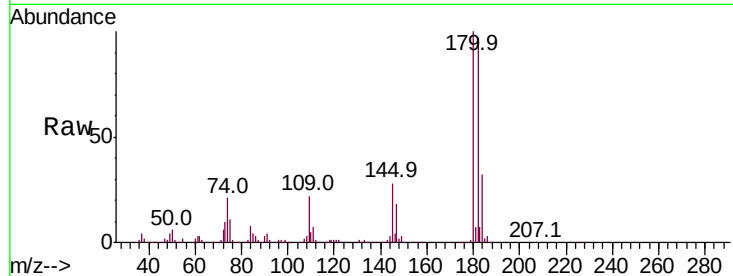
ClientSampled :

VSTDCCC050

Tot Ion:	180	Resp:	218436
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	29.0	14.4	43.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 55.047 ug/l

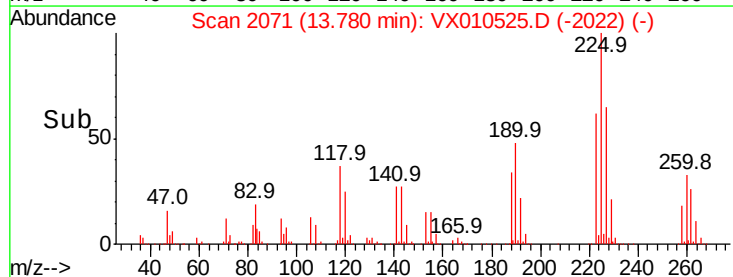
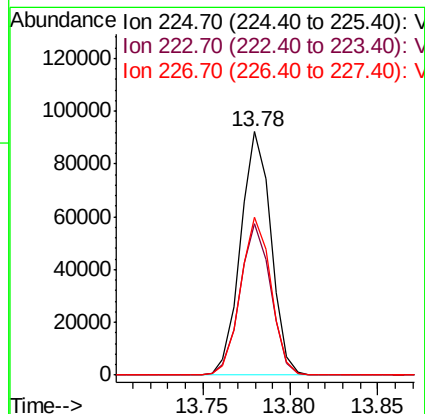
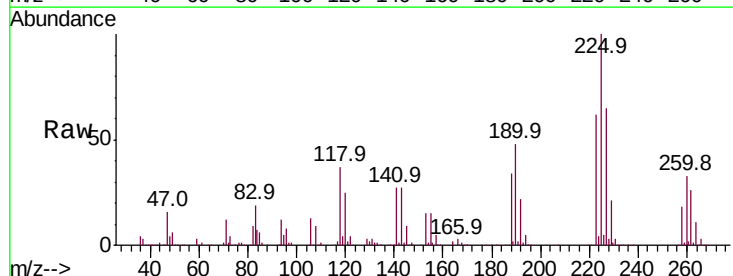
RT: 13.78 min Scan# 2071

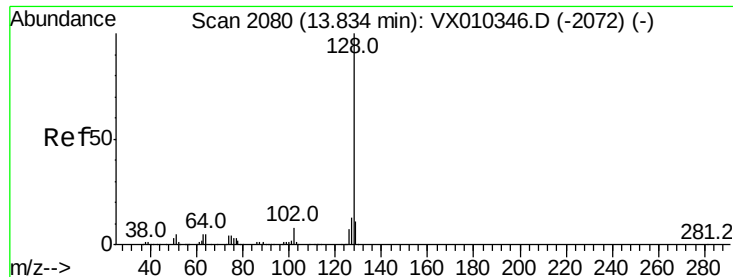
Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	225	Resp:	111282
Ion Ratio	Lower	Upper	
225	100		
223	62.8	30.9	92.7
227	65.1	31.9	95.5





#95

Naphthalene

Concen: 49.874 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

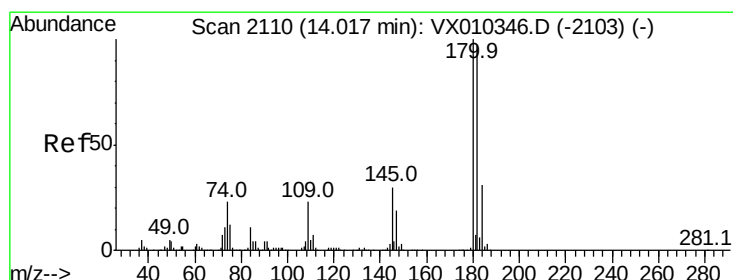
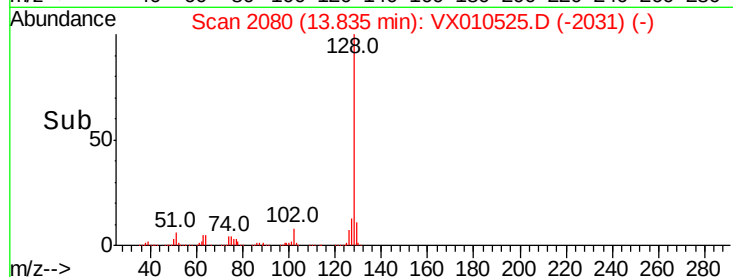
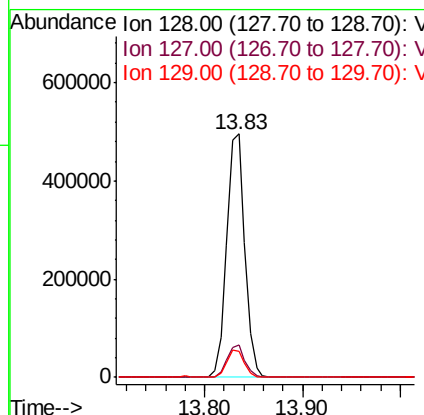
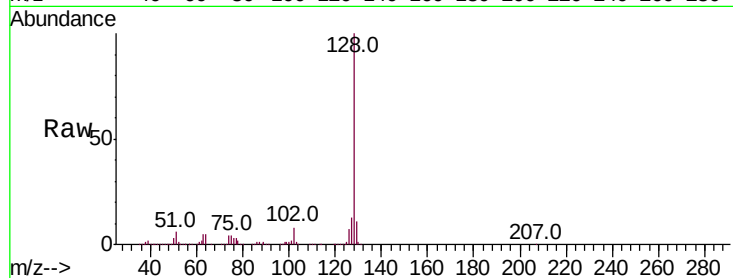
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	633965
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/1/2019 11:35:33 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.531 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion:	180	Resp:	216042
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.8	143.3
145	31.0	15.2	45.6

