

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051019\
 Data File : VX009511.D
 Acq On : 11 May 2019 03:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:53:12 AM

Quant Time: May 11 04:41:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	153616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	251460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104795	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.50	113	78188	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	310903	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	114725	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67982	48.024	ug/l	100
3) Chloromethane	1.32	50	99996	51.740	ug/l	99
4) Vinyl Chloride	1.41	62	101036	53.612	ug/l	97
5) Bromomethane	1.64	94	57565	50.891	ug/l	98
6) Chloroethane	1.71	64	63553	52.524	ug/l	99
7) Trichlorofluoromethane	1.92	101	123442	53.886	ug/l	99
8) Diethyl Ether	2.19	74	57933	53.389	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74277	51.633	ug/l	99
10) Methyl Iodide	2.51	142	92979	55.111	ug/l	99
11) Tert butyl alcohol	3.05	59	134210	276.486	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77826	53.995	ug/l	99
13) Acrolein	2.29	56	112685	256.332	ug/l	100
14) Allyl chloride	2.73	41	180163	51.290	ug/l	100
15) Acrylonitrile	3.14	53	320729	270.230	ug/l	99
16) Acetone	2.45	43	279425	248.151	ug/l	97
17) Carbon Disulfide	2.57	76	220597	54.513	ug/l	100
18) Methyl Acetate	2.77	43	138937	51.882	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	301788	53.918	ug/l	99
20) Methylene Chloride	2.85	84	95612	52.442	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	83269	53.270	ug/l	98
22) Diisopropyl ether	3.85	45	365220	54.065	ug/l	98
23) Vinyl Acetate	3.81	43	1627312	281.322	ug/l	100
24) 1,1-Dichloroethane	3.70	63	176157	52.862	ug/l	99
25) 2-Butanone	4.67	43	474705	271.289	ug/l	100
26) 2,2-Dichloropropane	4.59	77	93458	37.678	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	100624	53.931	ug/l	95
28) Bromochloromethane	5.02	49	66628	49.649	ug/l	98
29) Tetrahydrofuran	5.13	42	318857	283.177	ug/l	99
30) Chloroform	5.21	83	163904	54.382	ug/l	100
31) Cyclohexane	5.58	56	169625	54.712	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	134999	53.807	ug/l	99
36) 1,1-Dichloropropene	5.80	75	122776	52.539	ug/l	99
37) Ethyl Acetate	4.84	43	180640	55.480	ug/l	99
38) Carbon Tetrachloride	5.78	117	113144	53.290	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148506	51.747	ug/l	98
40) Benzene	6.14	78	387333	53.557	ug/l	99
41) Methacrylonitrile	5.04	41	103728	53.519	ug/l	100
42) 1,2-Dichloroethane	6.19	62	139664	53.835	ug/l	100
43) Isopropyl Acetate	6.45	43	283682	54.470	ug/l	100
44) Trichloroethene	7.21	130	90720	51.888	ug/l	98
45) 1,2-Dichloropropane	7.51	63	108909	53.182	ug/l	97
46) Dibromomethane	7.66	93	62970	52.952	ug/l	98
47) Bromodichloromethane	7.90	83	126523	53.337	ug/l	99
48) Methyl methacrylate	7.77	41	144465	55.911	ug/l	98
49) 1,4-Dioxane	7.74	88	56450	1077.296	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	952161	279.712	ug/l	99
52) Toluene	8.79	92	234537	53.350	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138497	51.713	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	155916	52.597	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95853	53.443	ug/l	97
56) Ethyl methacrylate	9.18	69	175105	54.694	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168202	53.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	413536	243.483	ug/l	100
59) 2-Hexanone	9.49	43	741660	277.410	ug/l	100
60) Dibromochloromethane	9.58	129	95999	54.803	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98645	54.486	ug/l	100
64) Tetrachloroethene	9.34	164	86260	55.119	ug/l	99
65) Chlorobenzene	10.13	112	243184	53.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89442	54.056	ug/l	100
67) Ethyl Benzene	10.25	91	451549	53.759	ug/l	100
68) m/p-Xylenes	10.36	106	330155	107.563	ug/l	97
69) o-Xylene	10.69	106	163008	53.826	ug/l	100
70) Styrene	10.71	104	287664	54.651	ug/l	100
71) Bromoform	10.85	173	73889	54.951	ug/l #	100
73) Isopropylbenzene	11.02	105	428941	51.647	ug/l	99
74) N-amyl acetate	10.90	43	262678	54.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163466	52.798	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140612m	53.076	ug/l	
77) Bromobenzene	11.26	156	107764	52.277	ug/l	100
78) n-propylbenzene	11.36	91	493032	51.980	ug/l	99
79) 2-Chlorotoluene	11.42	91	296650	50.694	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	365278	52.235	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49629	47.931	ug/l	97
82) 4-Chlorotoluene	11.51	91	342197	51.763	ug/l	100
83) tert-Butylbenzene	11.77	119	351624	51.688	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	369902	52.698	ug/l	99
85) sec-Butylbenzene	11.94	105	418151	51.846	ug/l	100
86) p-Isopropyltoluene	12.06	119	379934	52.401	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190401	51.812	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	192002	51.824	ug/l	99
89) n-Butylbenzene	12.38	91	334187	50.995	ug/l	100
90) Hexachloroethane	12.59	117	64196	51.970	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	195533	52.240	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36741	52.900	ug/l	99

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ClientSampleId :
VSTDCCC050EC

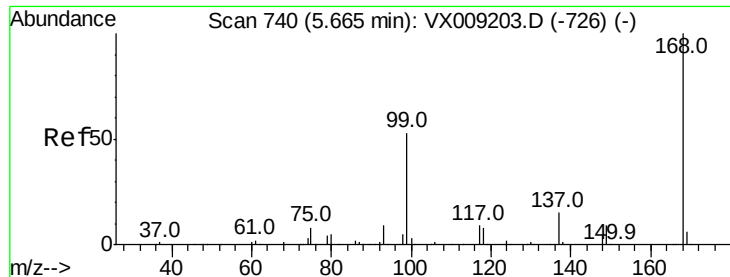
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134454	52.530	ug/l	99
94) Hexachlorobutadiene	13.78	225	66958	51.228	ug/l	99
95) Naphthalene	13.83	128	446185	53.581	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137738	53.088	ug/l	99

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



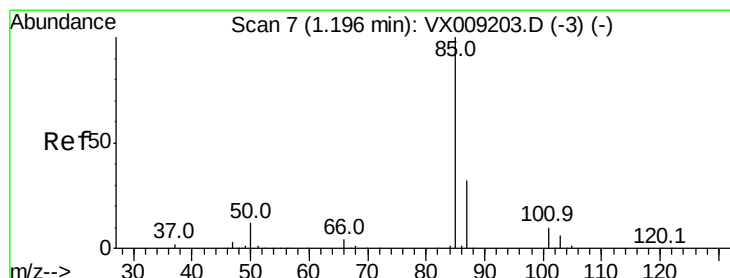
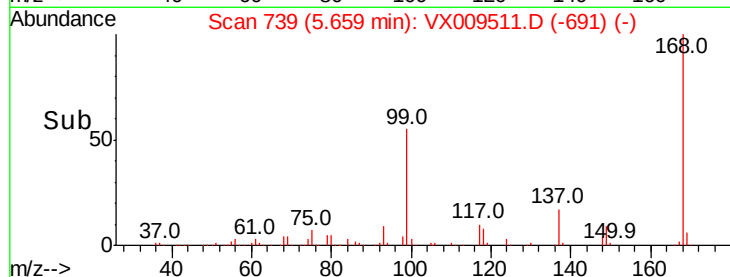
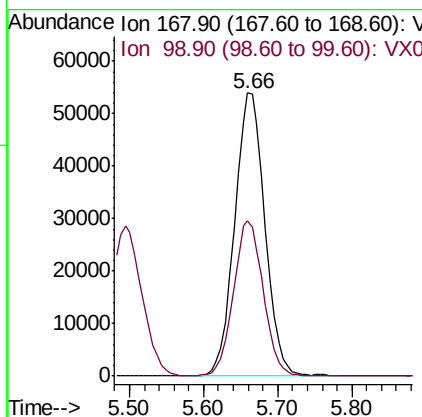
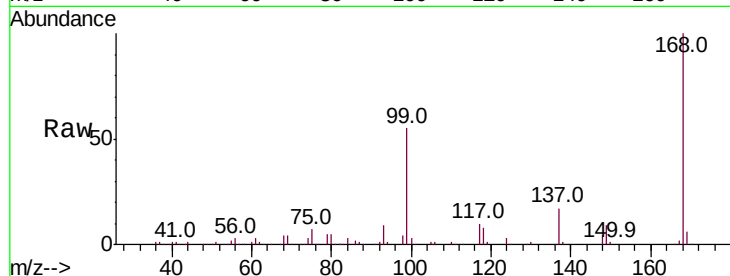
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.9	42.3	63.5

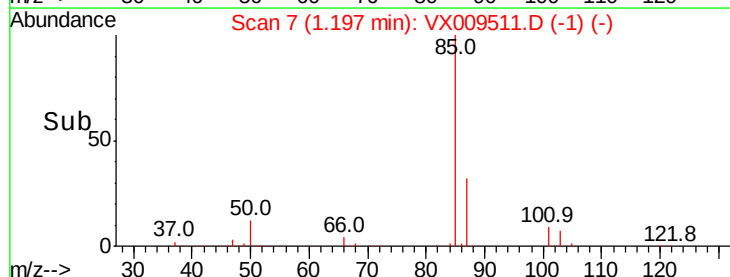
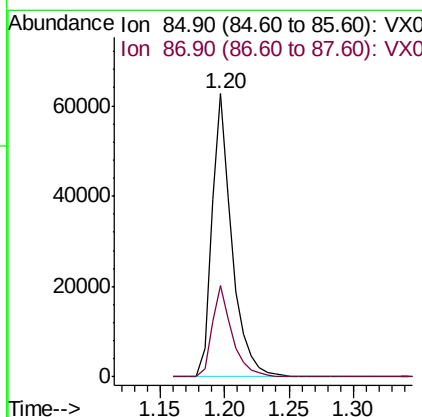
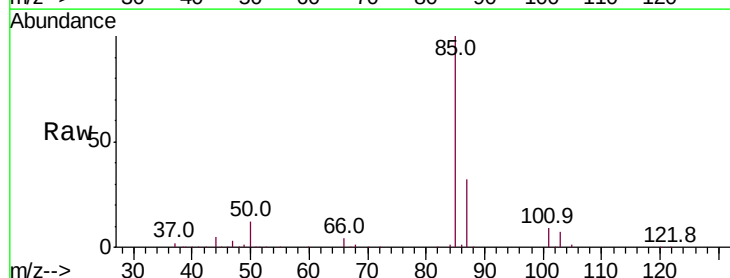
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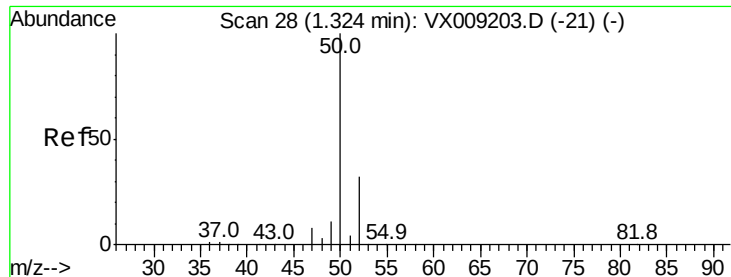
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#2
Dichlorodifluoromethane
Concen: 48.024 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.1	48.3





#3

Chloromethane

Concen: 51.740 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 99996

Ion Ratio Lower Upper

50 100

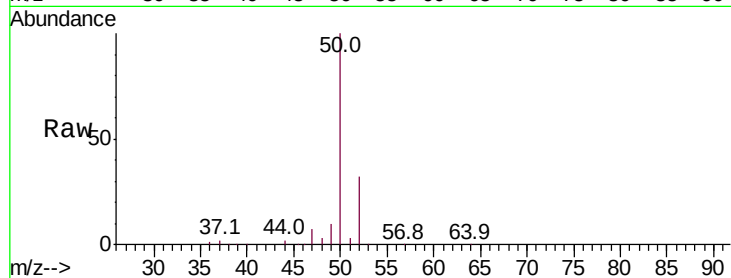
52 31.9 25.9 38.9

Manual Integrations

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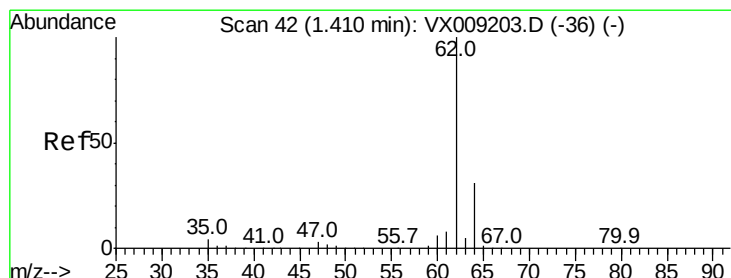
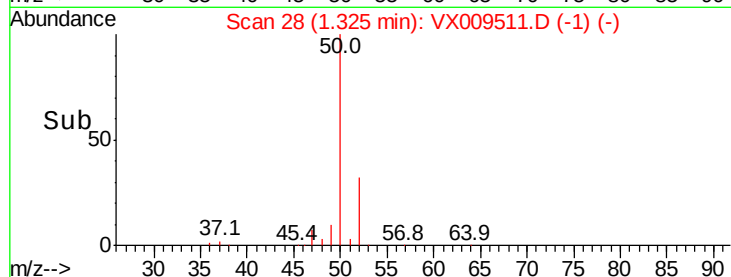
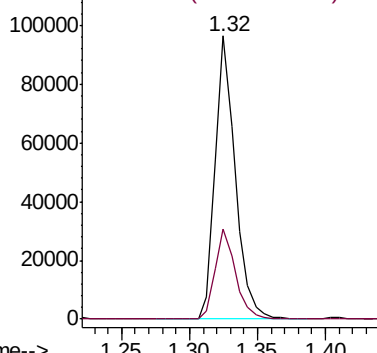
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.612 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009511.D

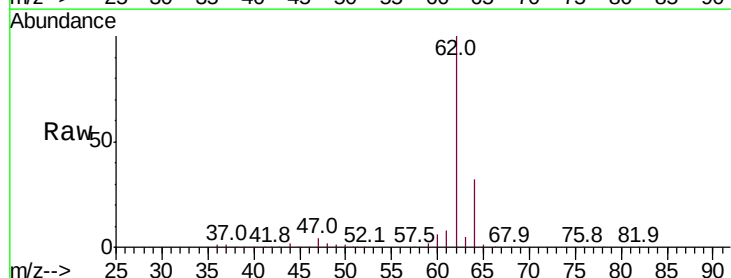
Acq: 11 May 2019 03:04

Tgt Ion: 62 Resp: 101036

Ion Ratio Lower Upper

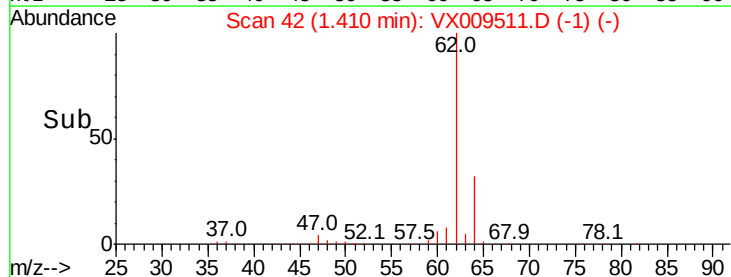
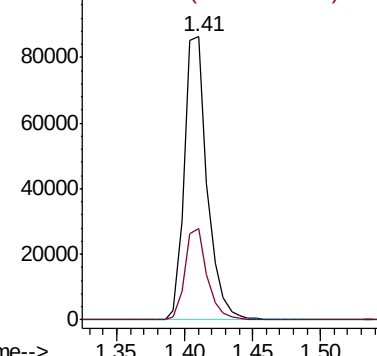
62 100

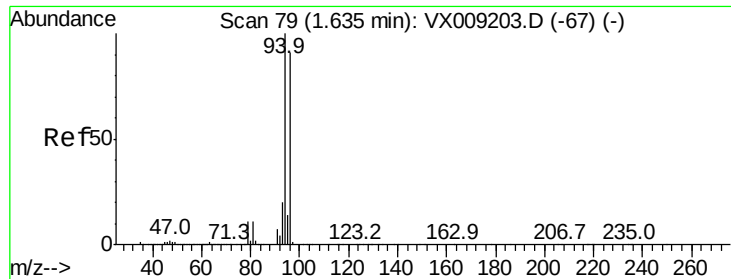
64 32.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





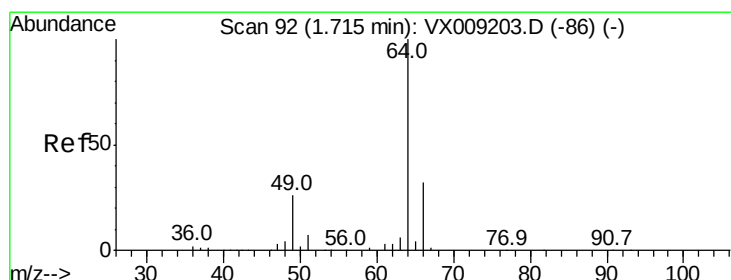
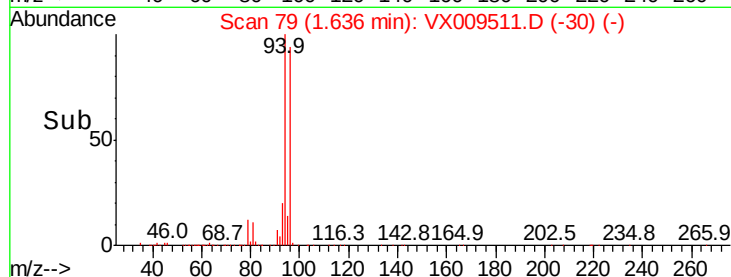
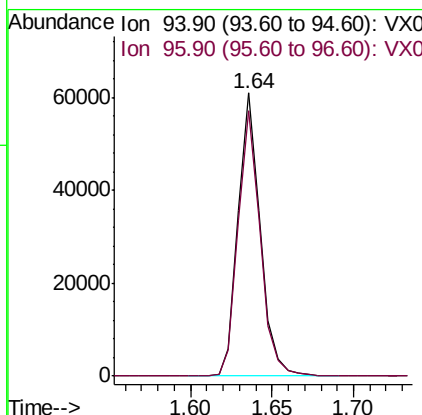
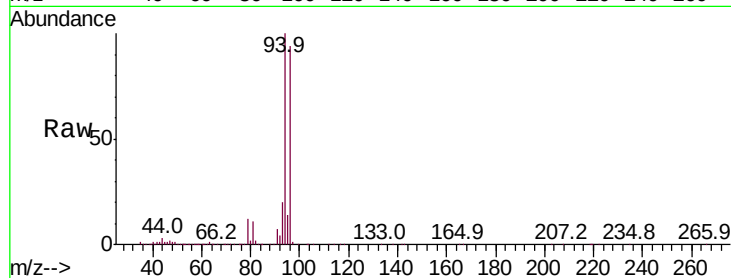
#5
Bromomethane
Concen: 50.891 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
94	100		
96	93.7	73.0	109.6

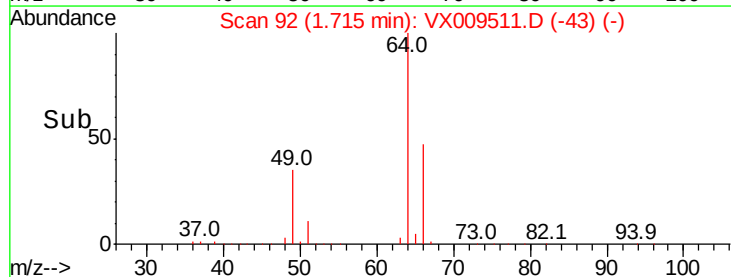
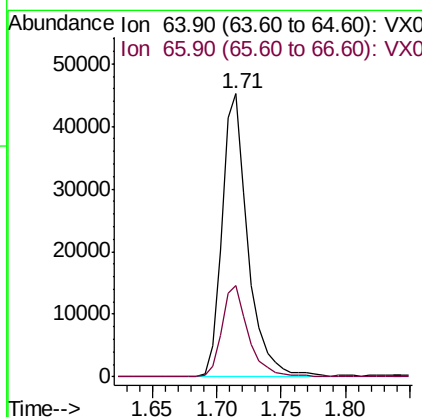
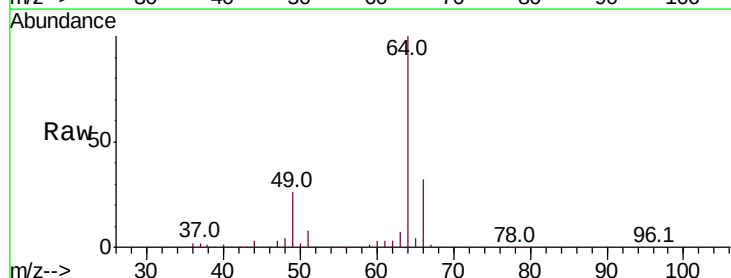
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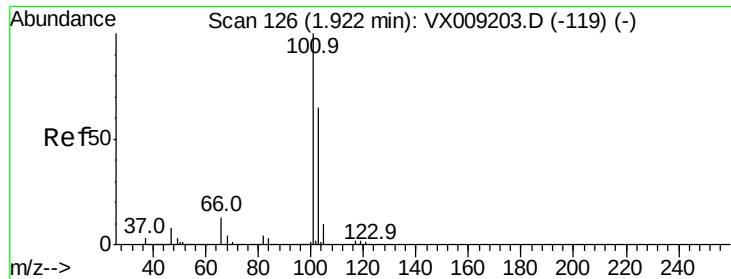
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#6
Chloroethane
Concen: 52.524 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.3	25.3	37.9





#7

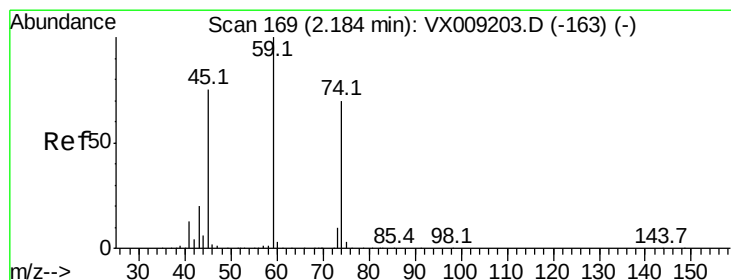
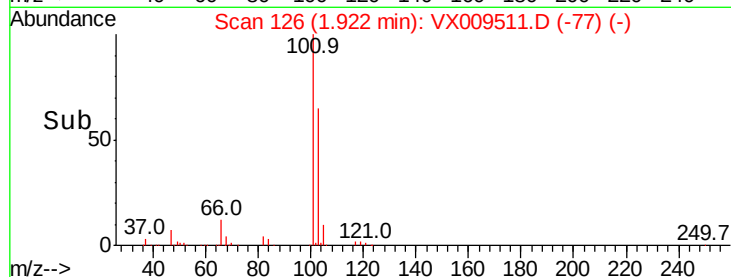
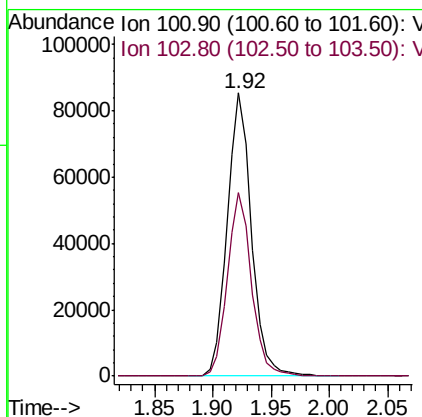
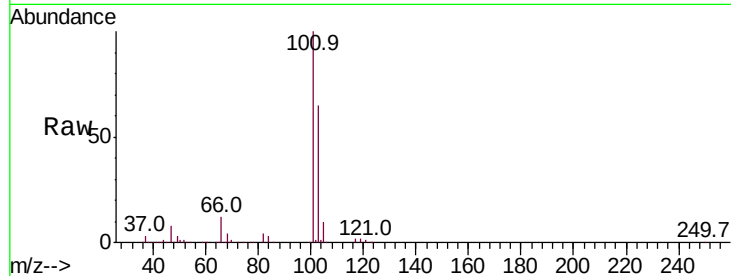
Trichlorofluoromethane
Concen: 53.886 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.4	78.6

Manual Integrations
APPROVED

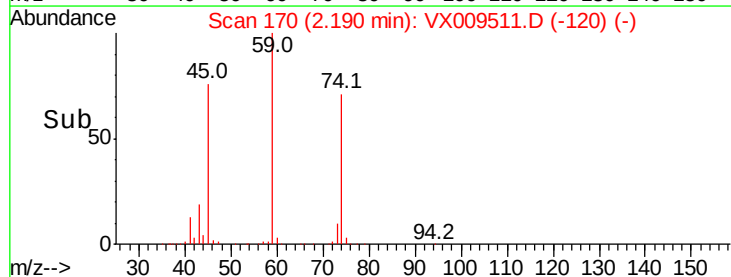
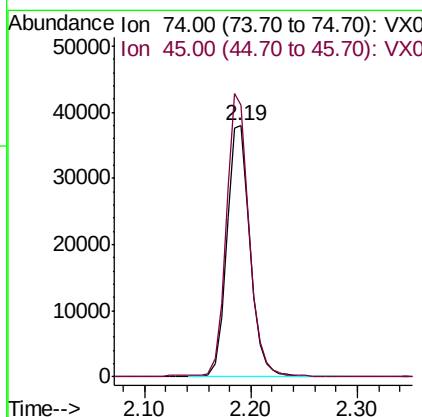
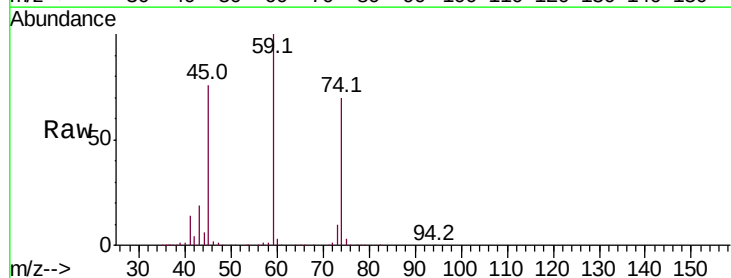
MMDadoda
5/11/2019 11:53:12 AM

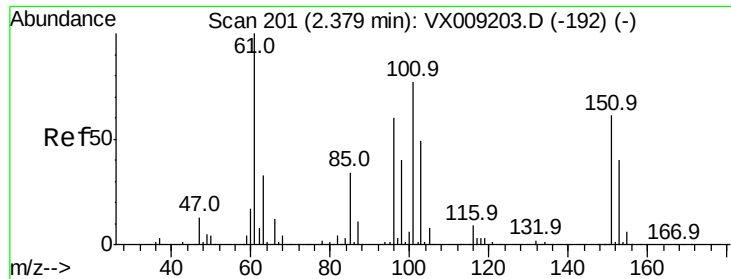


#8

Diethyl Ether
Concen: 53.389 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.9	53.3	159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.633 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

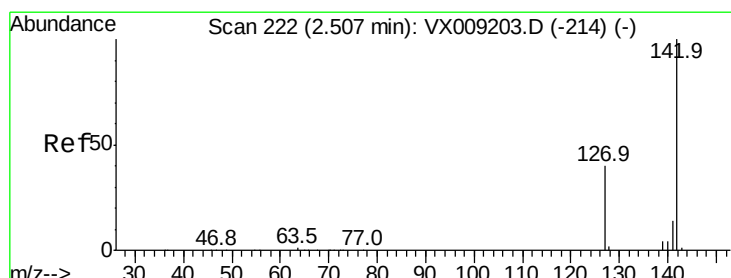
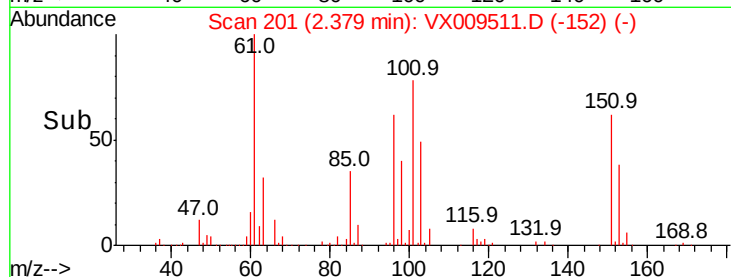
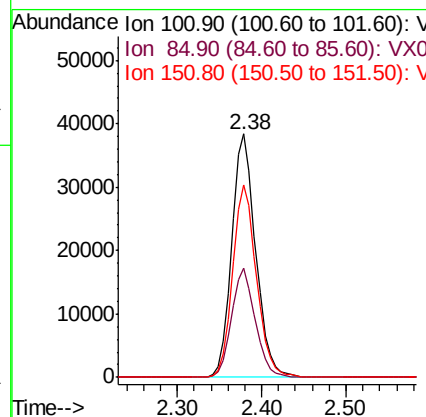
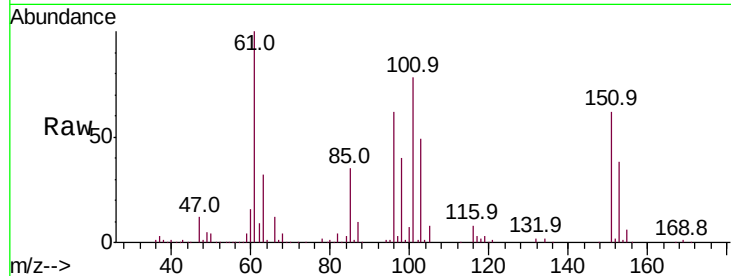
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	74277
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.7	53.5
151	78.6	62.2	93.2

Manual Integrations
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#10

Methyl Iodide

Concen: 55.111 ug/l

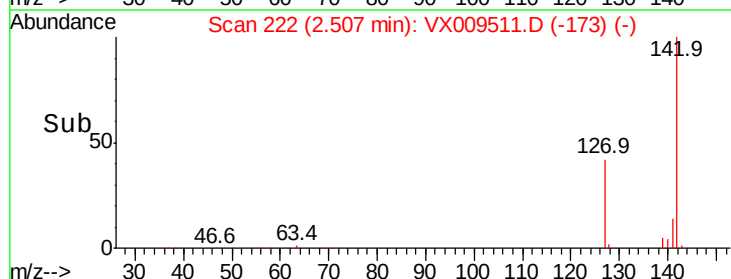
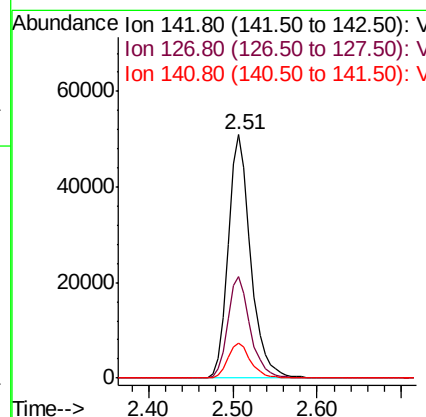
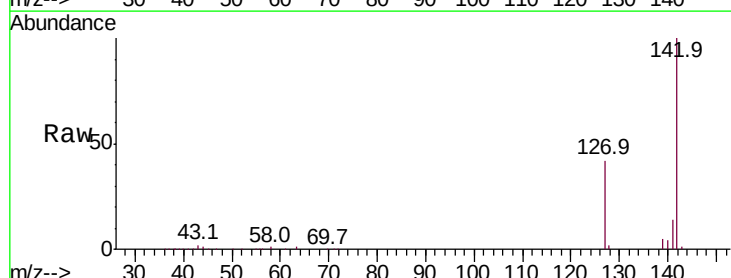
RT: 2.51 min Scan# 222

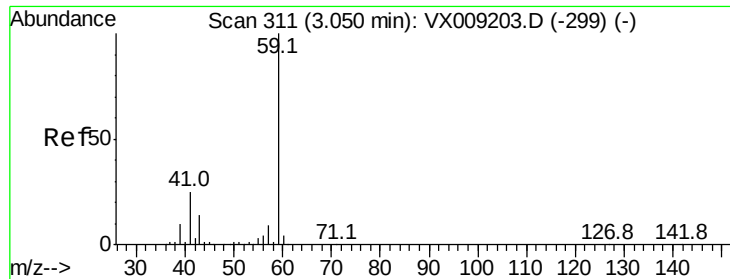
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	142	Resp:	92979
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.7	49.1
141	14.5	11.5	17.3





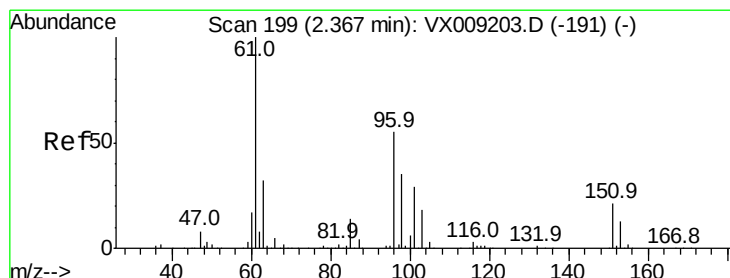
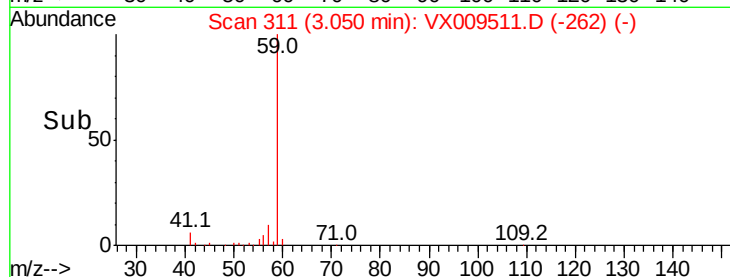
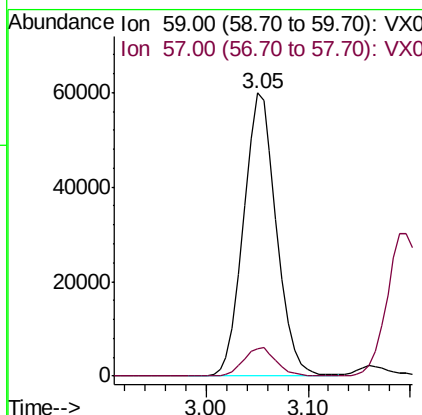
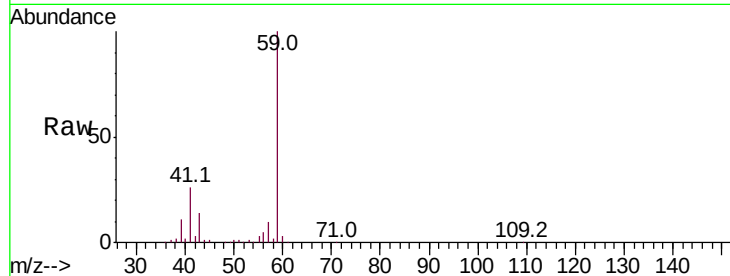
#11
Tert butyl alcohol
Concen: 276.486 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 134210
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

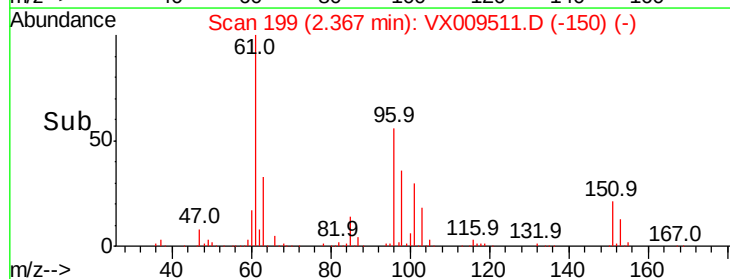
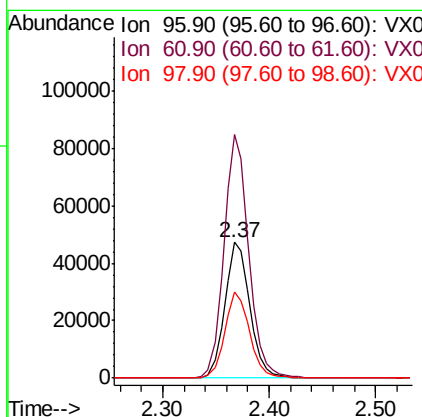
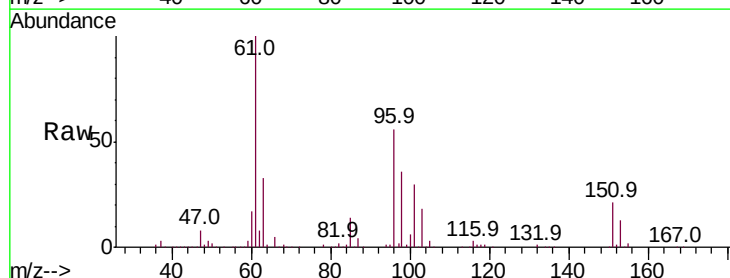
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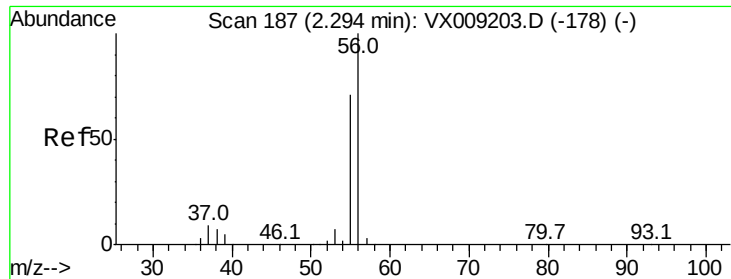
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#12
1,1-Dichloroethene
Concen: 53.995 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion: 96 Resp: 77826
Ion Ratio Lower Upper
96 100
61 179.3 144.3 216.5
98 63.8 50.3 75.5





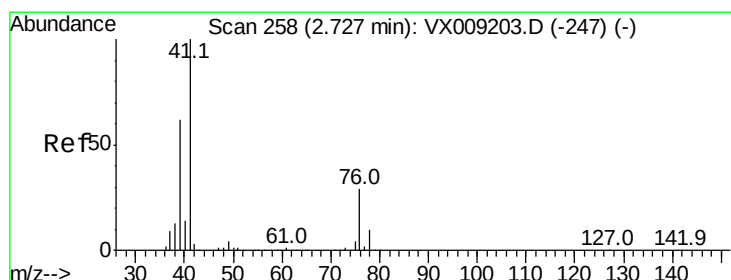
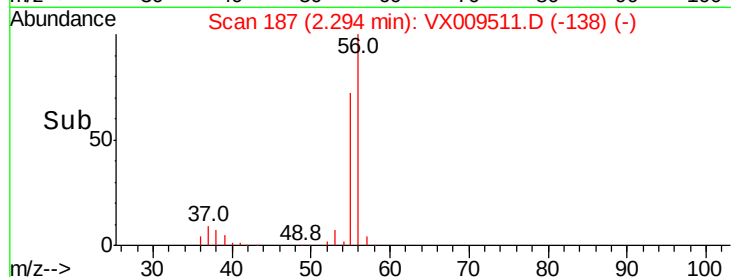
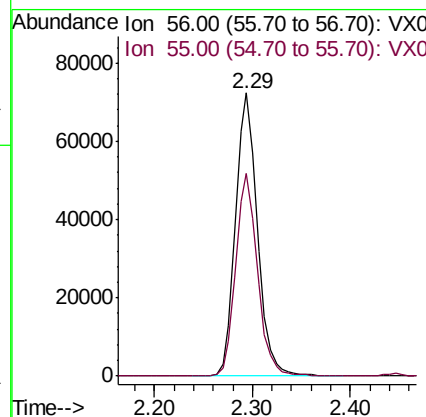
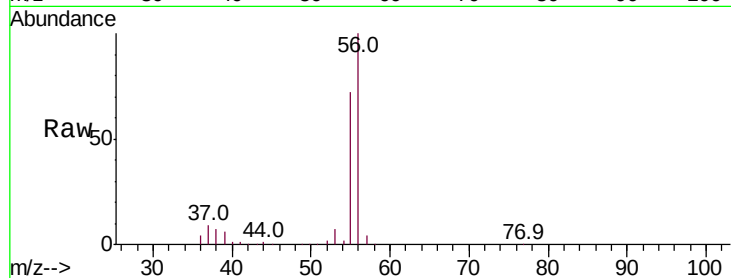
#13
Acrolein
Concen: 256.332 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.6	85.0

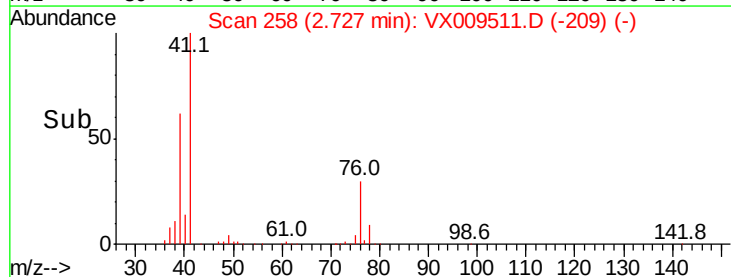
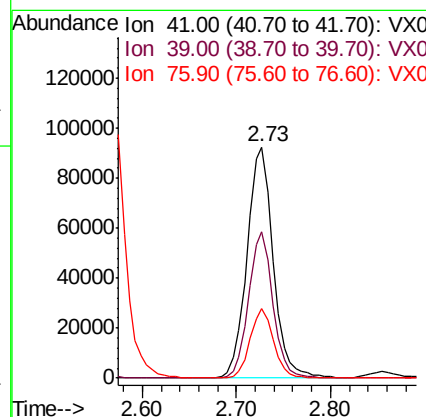
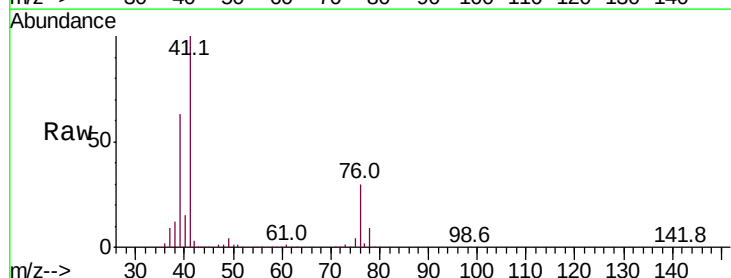
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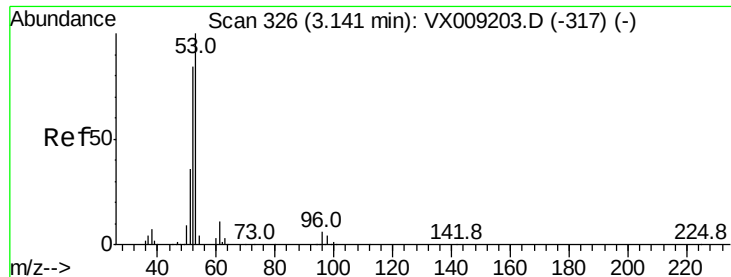
MMDadoda
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#14
Allyl chloride
Concen: 51.290 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.6	46.7	70.1
76	27.2	21.8	32.8





#15

Acrylonitrile

Concen: 270.230 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

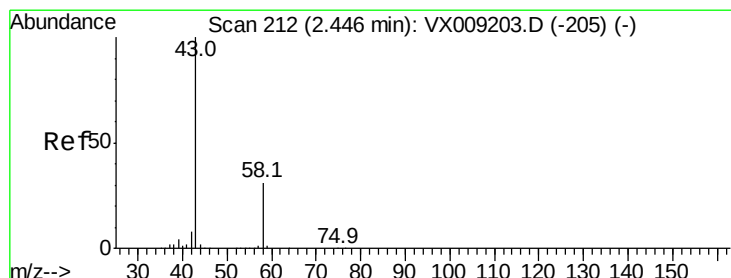
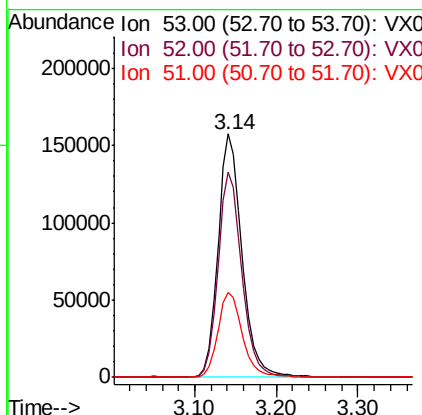
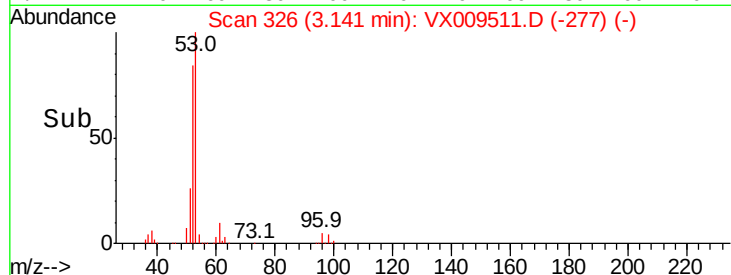
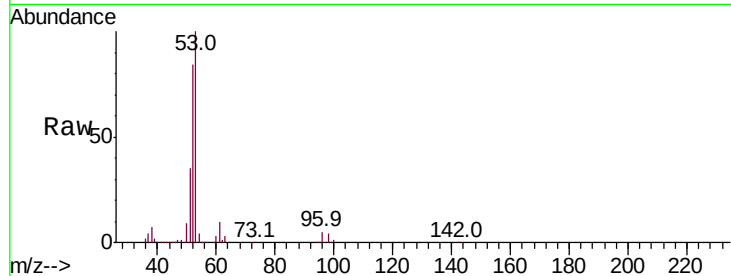
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	320729
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.9	100.3
51	35.9	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 248.151 ug/l

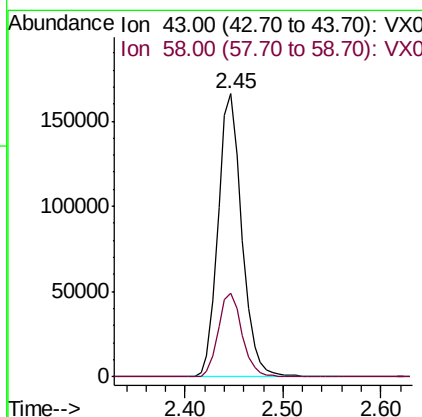
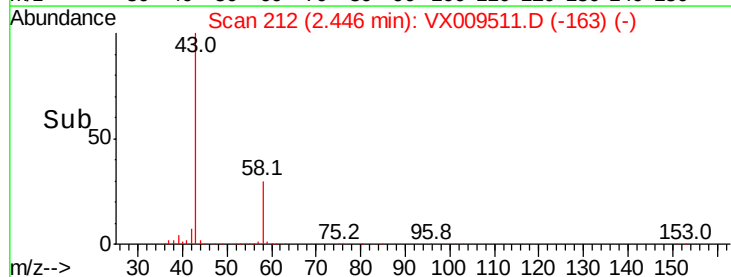
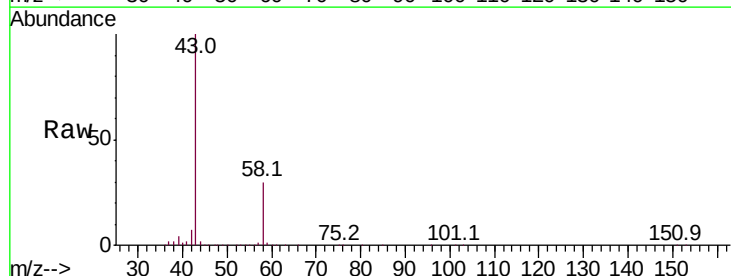
RT: 2.45 min Scan# 212

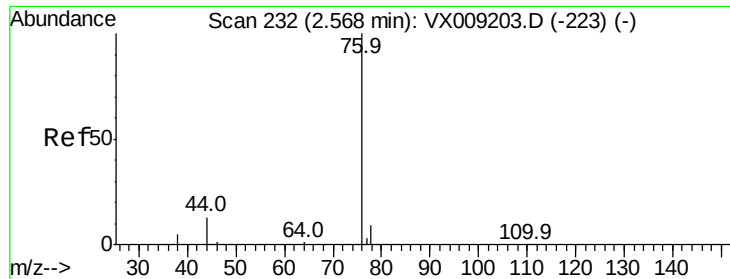
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	43	Resp:	279425
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.9	37.3





#17

Carbon Disulfide

Concen: 54.513 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 220597

Ion Ratio Lower Upper

76 100

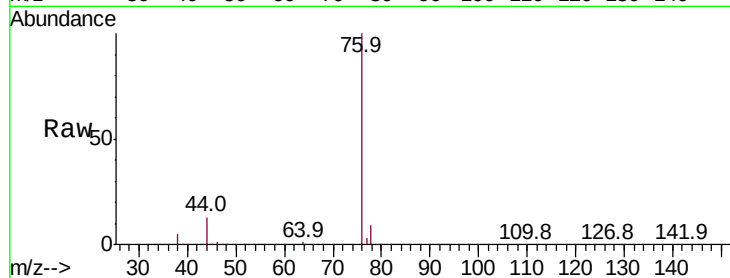
78 9.2 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

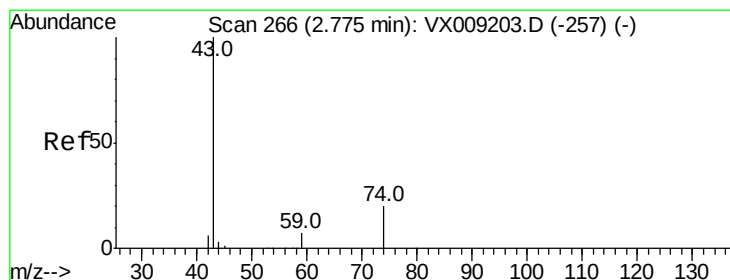
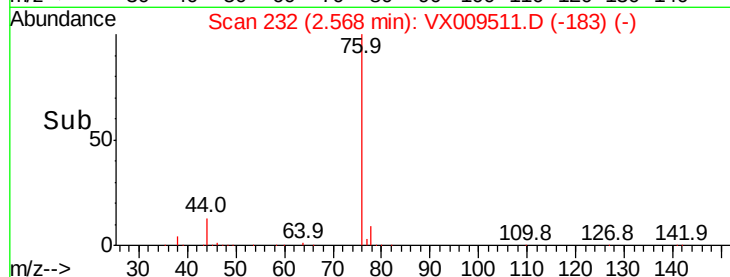
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 51.882 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009511.D

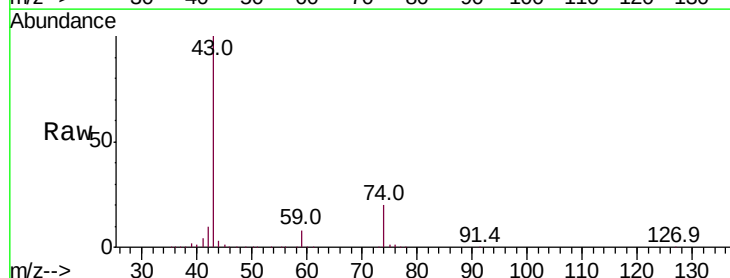
Acq: 11 May 2019 03:04

Tgt Ion: 43 Resp: 138937

Ion Ratio Lower Upper

43 100

74 20.0 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

80000

60000

40000

20000

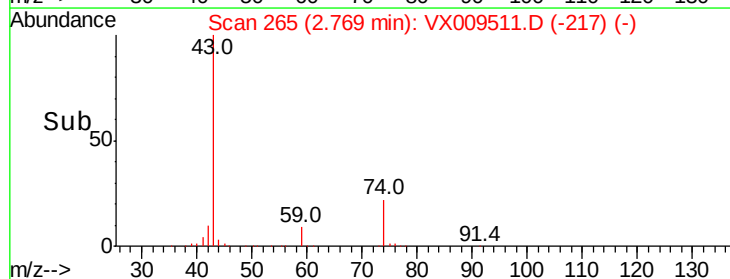
0

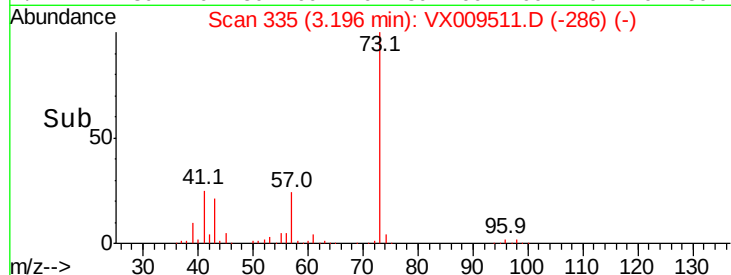
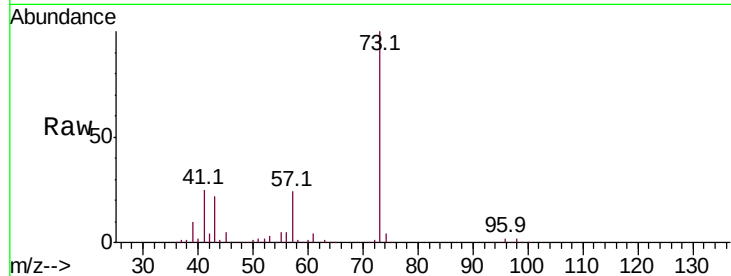
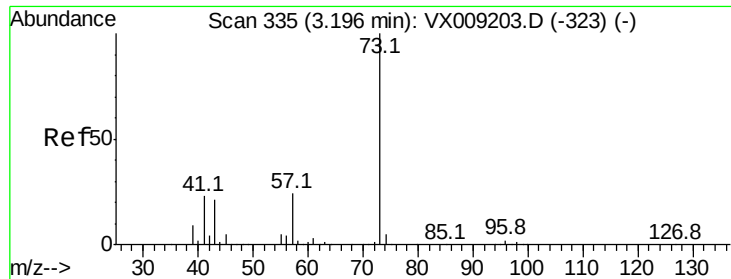
Time-->

2.70

2.80

2.90





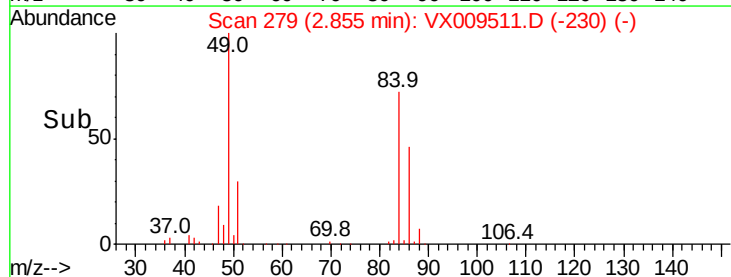
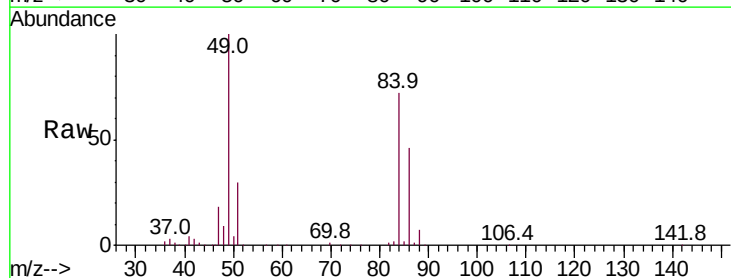
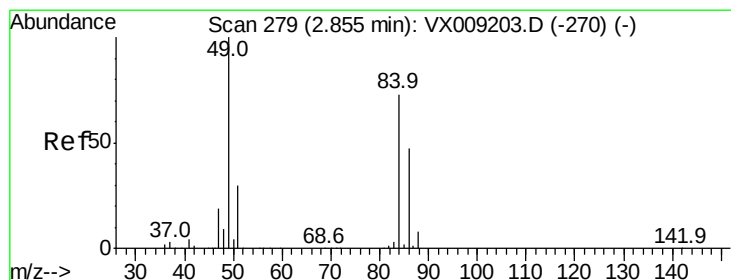
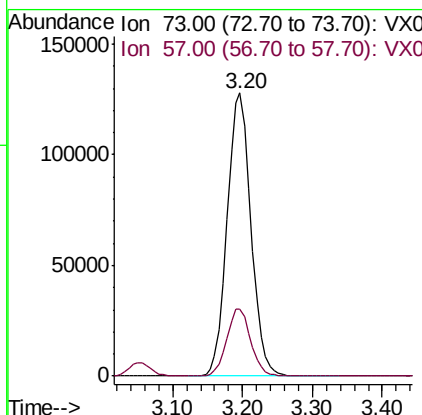
#19
Methyl tert-butyl Ether
Concen: 53.918 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	19.3	28.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

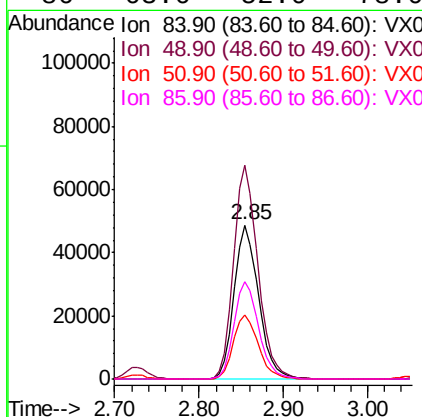
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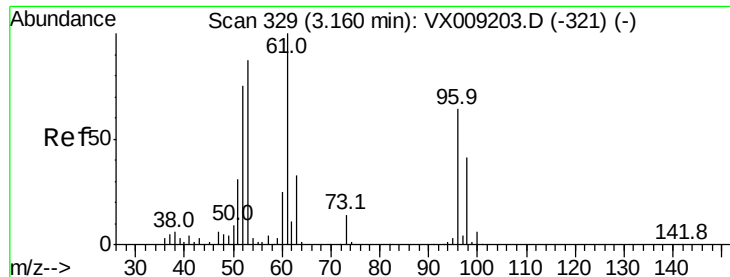
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#20
Methylene Chloride
Concen: 52.442 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.8	109.9	164.9
51	41.6	32.7	49.1
86	63.6	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 53.270 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 83269

Ion Ratio Lower Upper

96 100

61 159.1 124.5 186.7

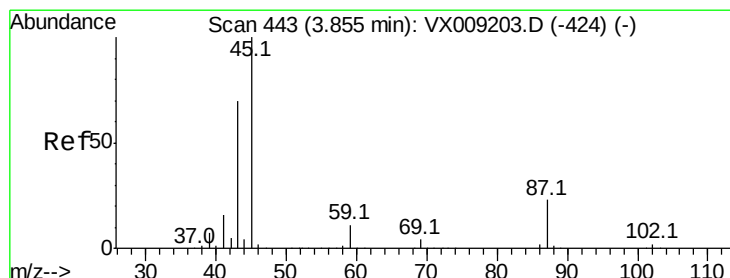
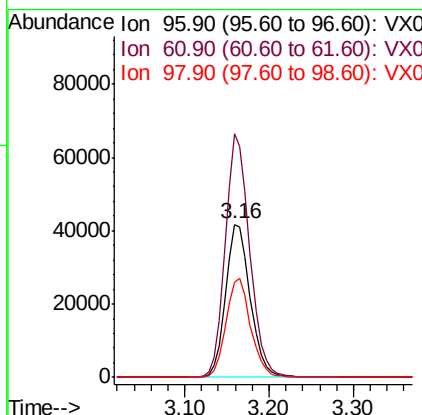
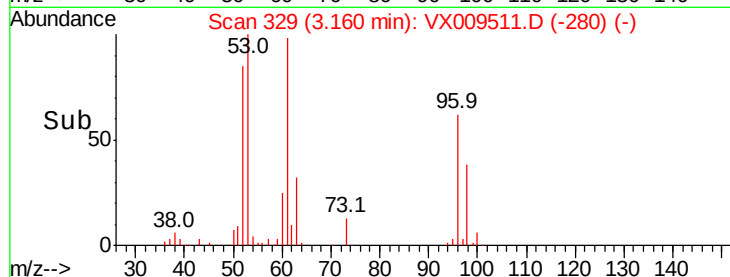
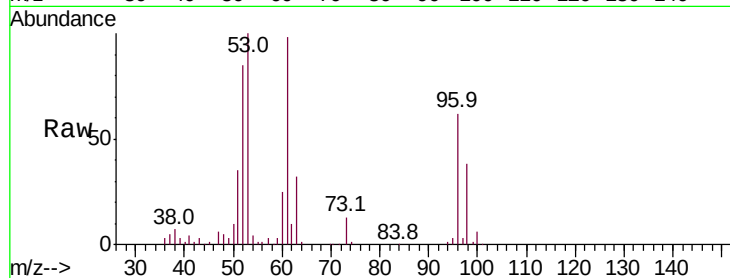
98 62.4 50.4 75.6

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#22

Diisopropyl ether

Concen: 54.065 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion: 45 Resp: 365220

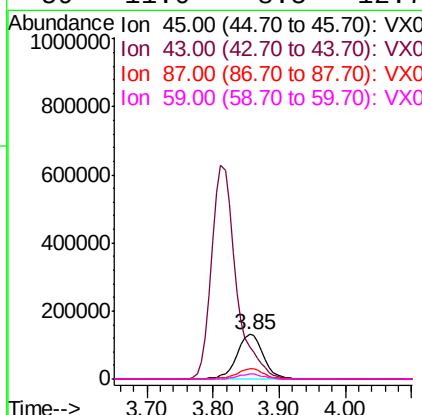
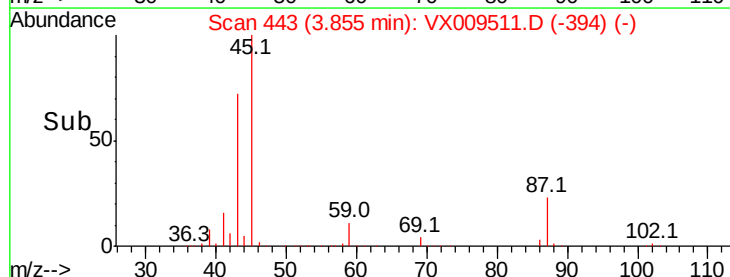
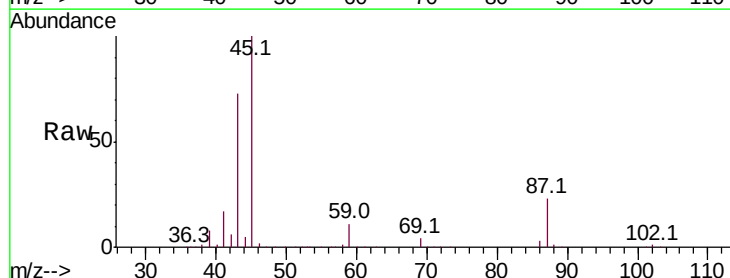
Ion Ratio Lower Upper

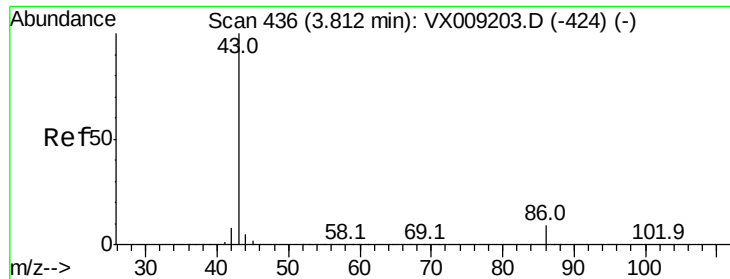
45 100

43 72.1 56.1 84.1

87 22.9 18.1 27.1

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 281.322 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1627312

Ion Ratio Lower Upper

43 100

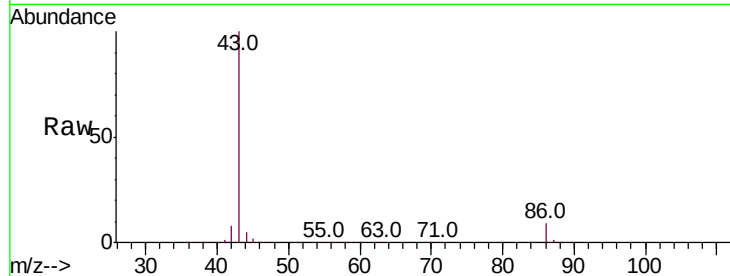
86 8.5 6.9 10.3

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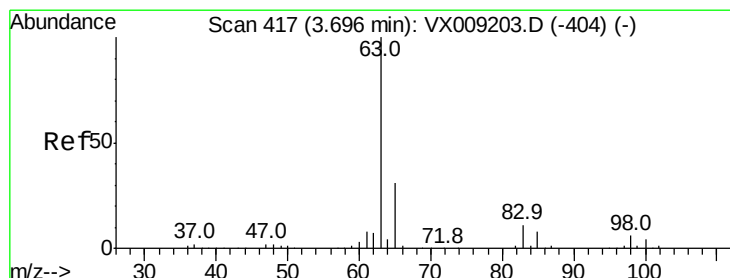
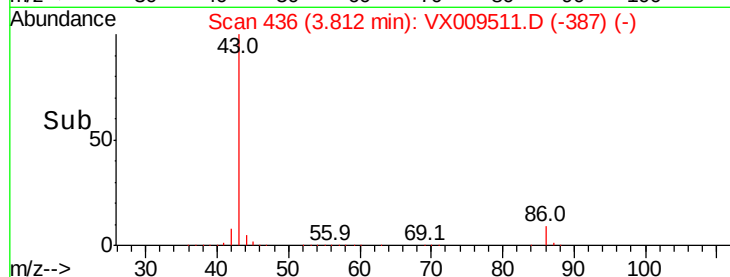
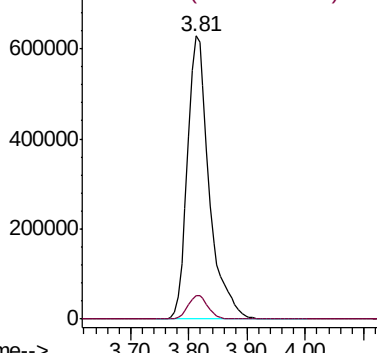
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.862 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

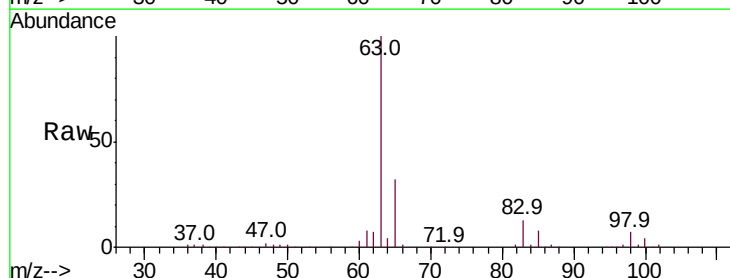
Tgt Ion: 63 Resp: 176157

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

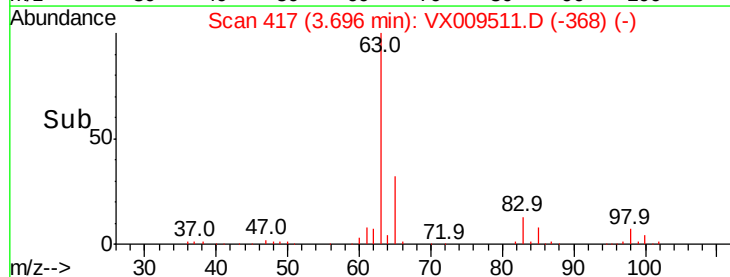
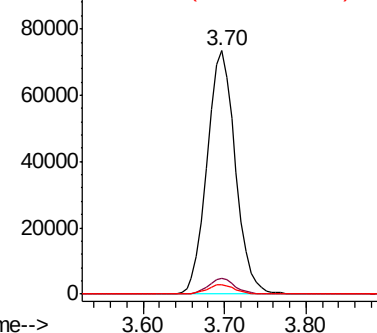
100 3.6 2.0 6.0

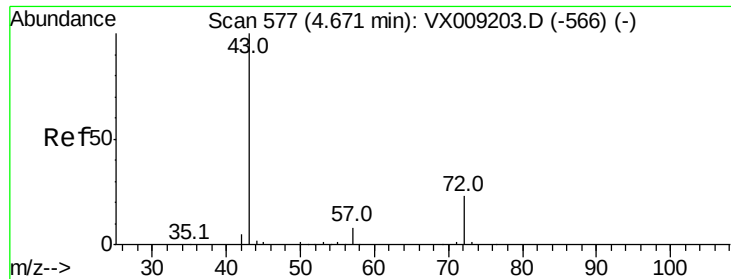


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 271.289 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 474705

Ion Ratio Lower Upper

43 100

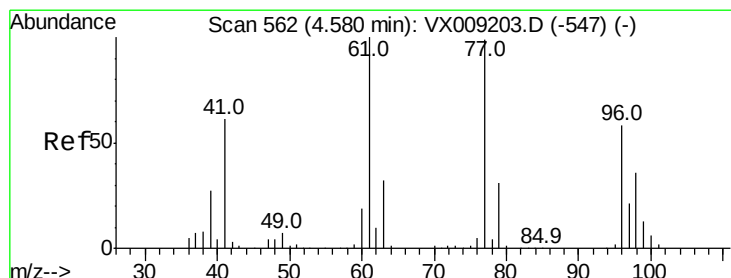
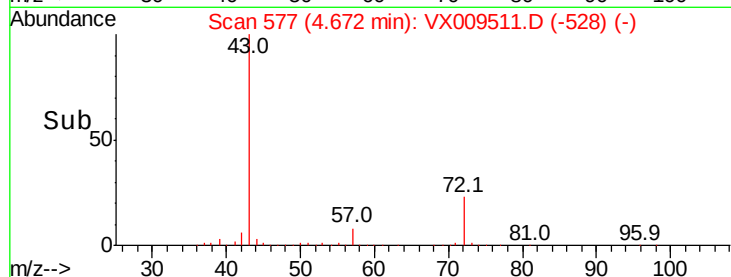
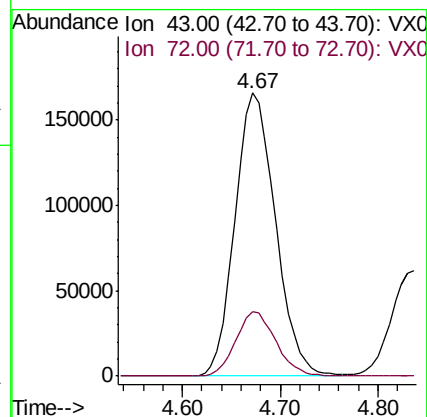
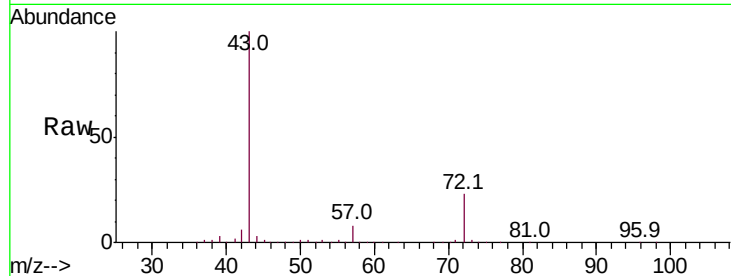
72 22.6 18.2 27.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.678 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009511.D

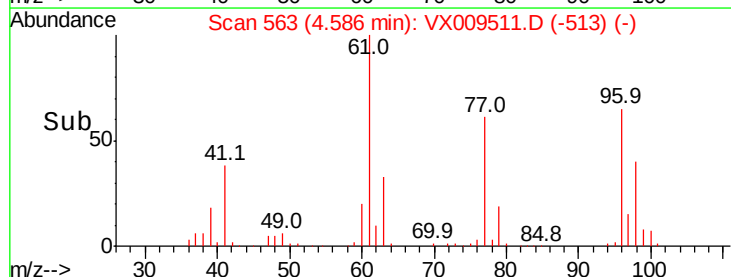
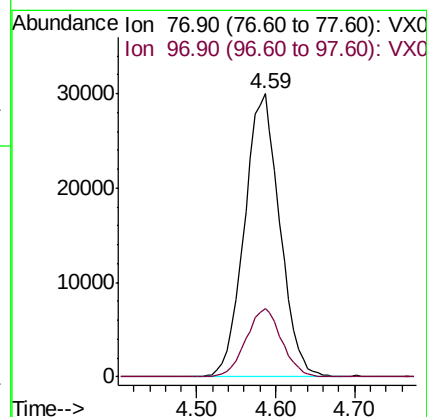
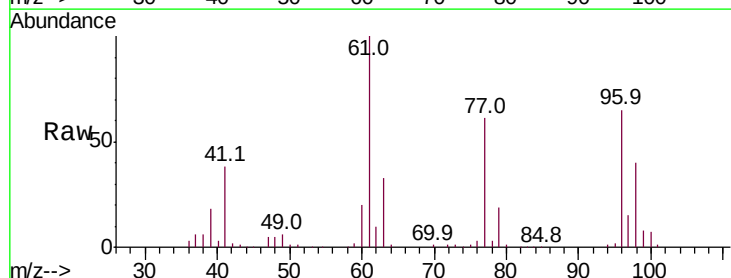
Acq: 11 May 2019 03:04

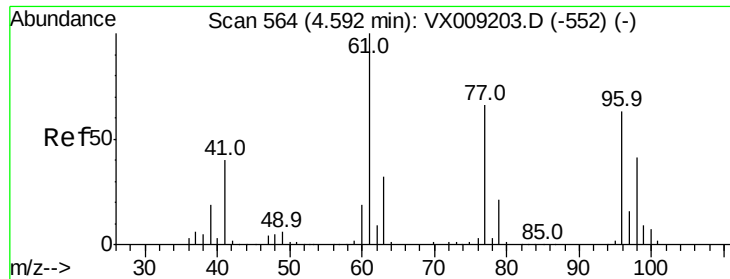
Tgt Ion: 77 Resp: 93458

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.4





#27

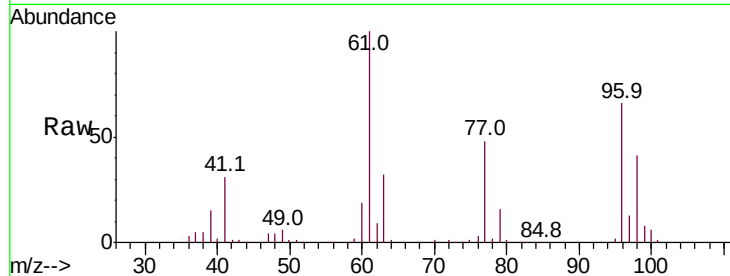
cis-1,2-Dichloroethene
Concen: 53.931 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100624		
61	154.2	0.0	324.0	
98	62.9	0.0	130.4	

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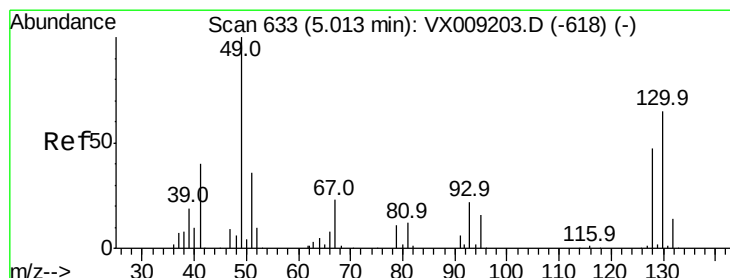
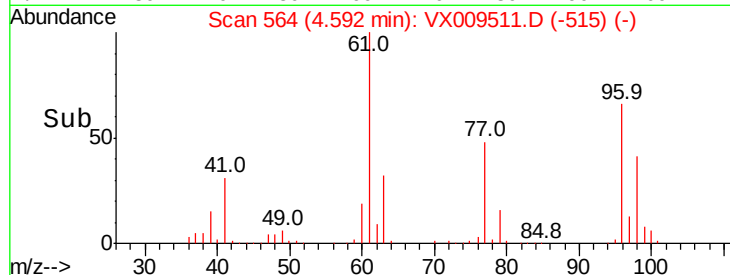
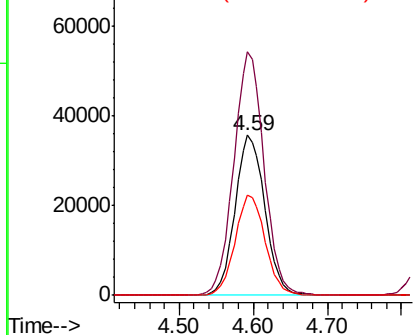


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

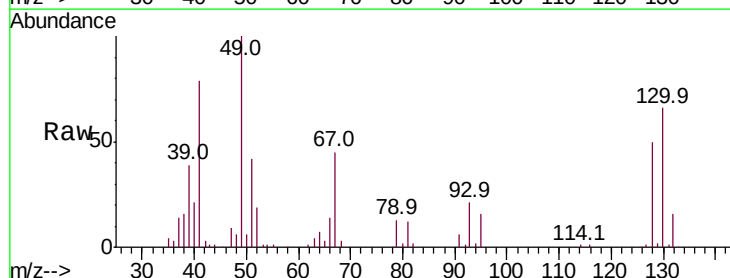
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 49.649 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	66628		
129	1.4	0.0	3.8	
130	65.2	51.2	76.8	

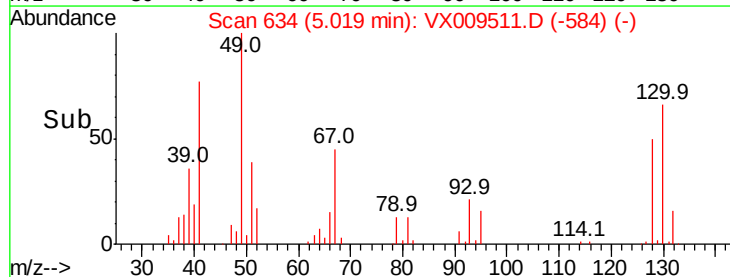
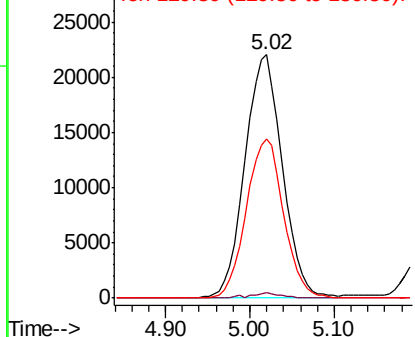


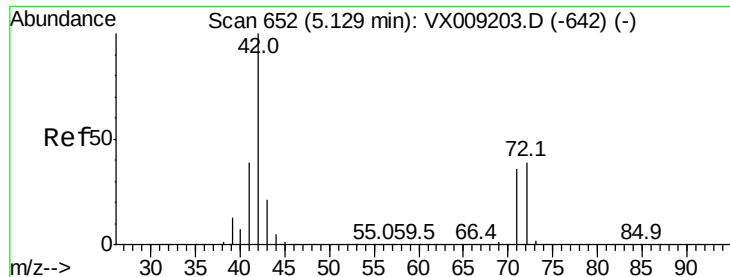
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 283.177 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

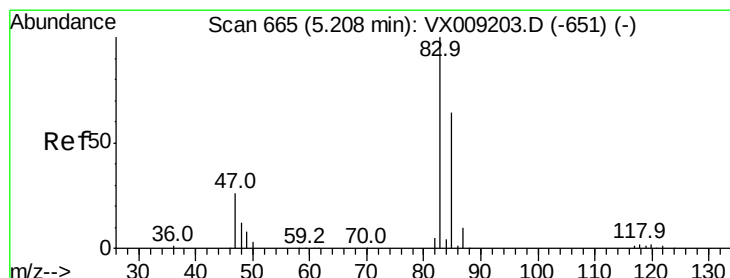
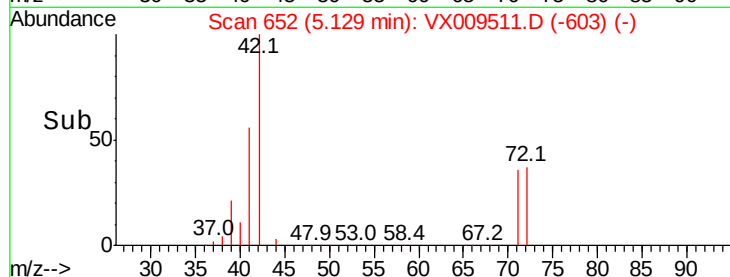
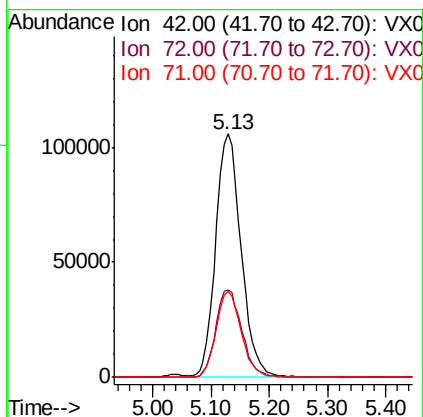
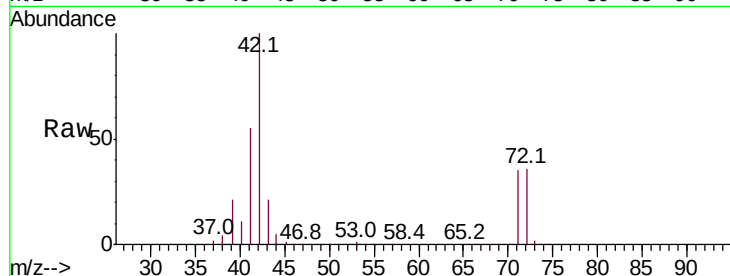
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	318857
Ion Ratio	Lower	Upper	
42	100		
72	37.2	30.4	45.6
71	35.1	28.6	43.0

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#30

Chloroform

Concen: 54.382 ug/l

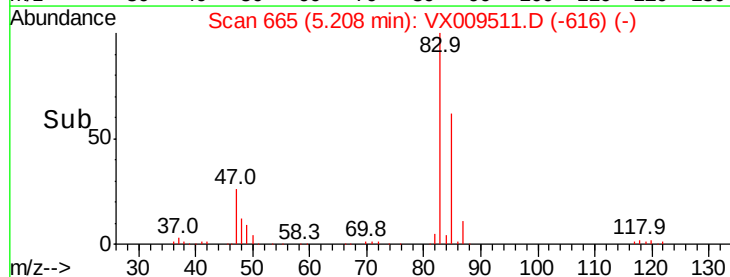
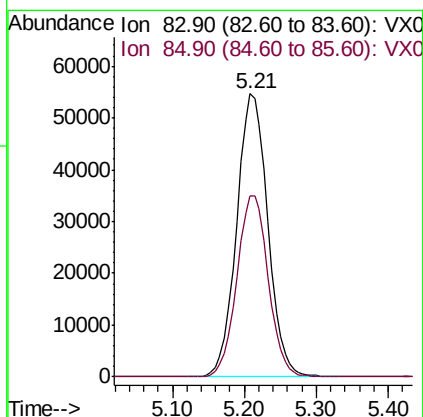
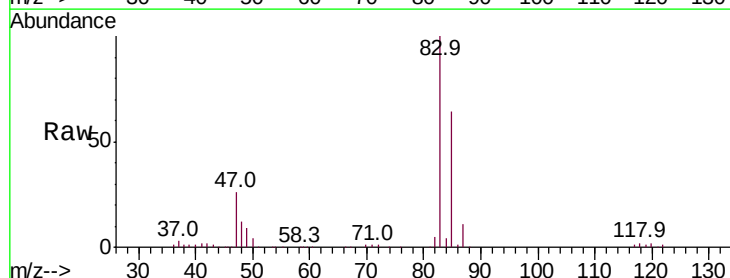
RT: 5.21 min Scan# 665

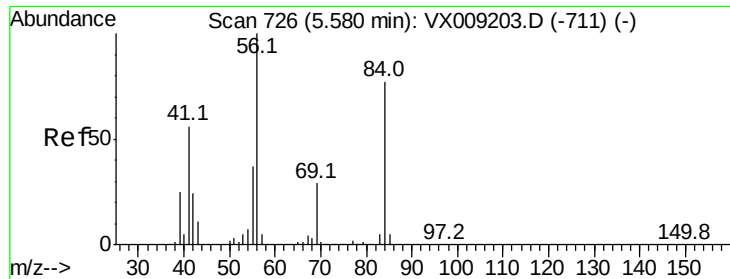
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	83	Resp:	163904
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.5	77.3





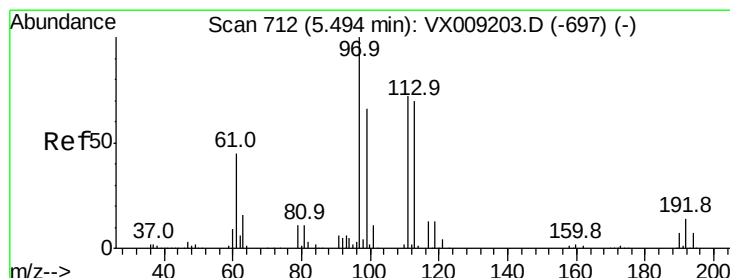
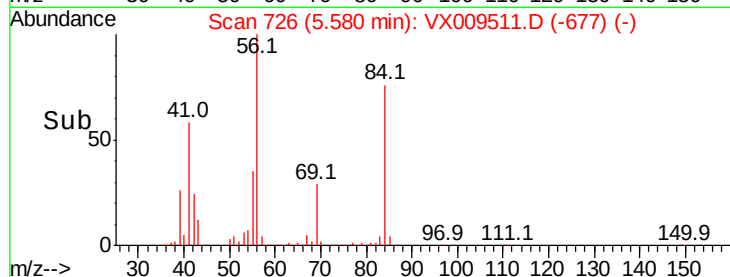
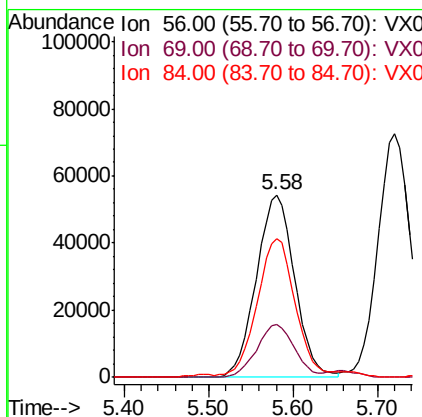
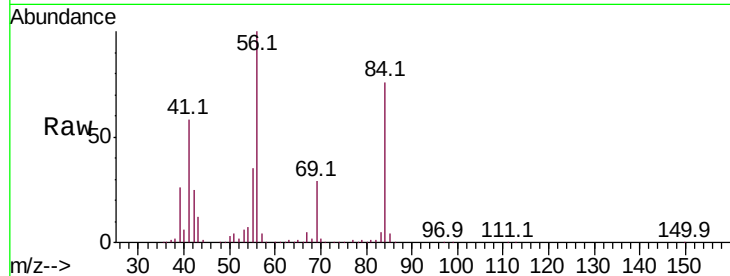
#31
Cyclohexane
Concen: 54.712 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.4	35.0
84	74.7	61.9	92.9

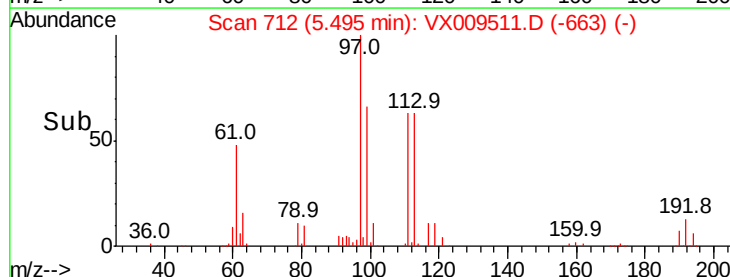
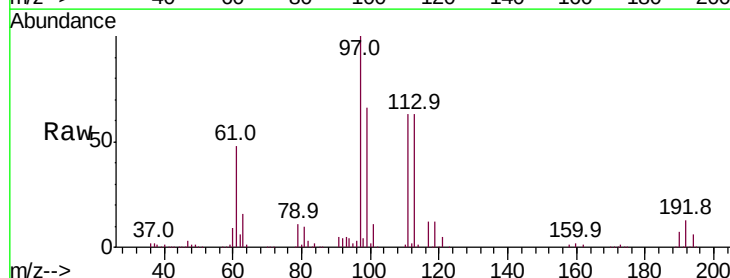
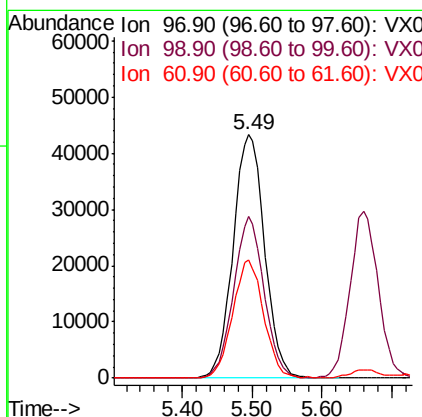
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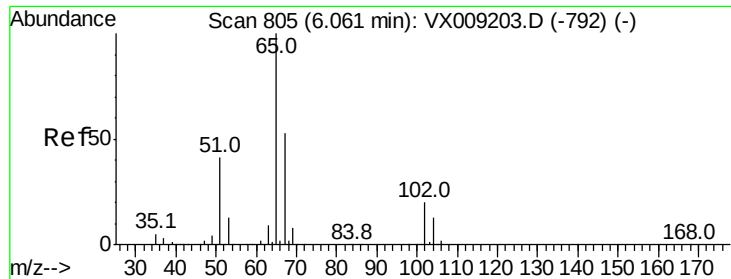
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#32
1,1,1-Trichloroethane
Concen: 53.807 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	47.8	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 49.973 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009511.D

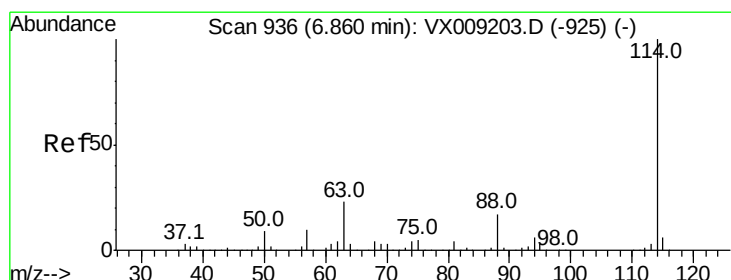
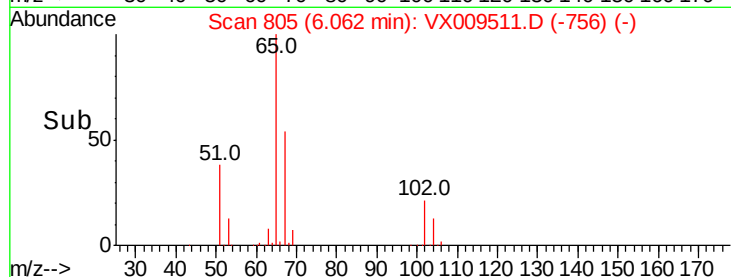
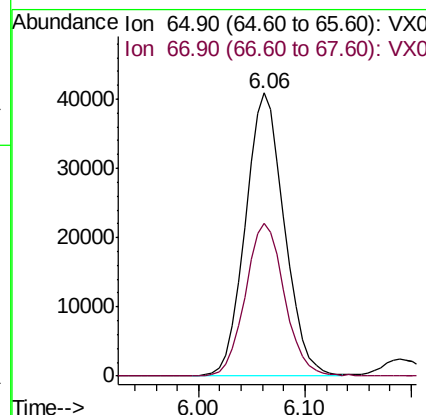
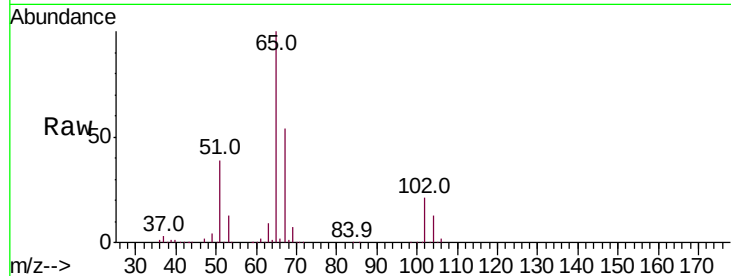
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

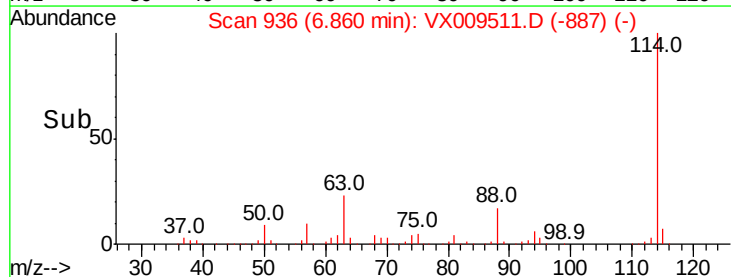
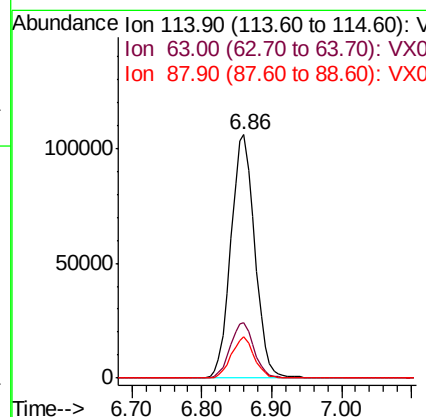
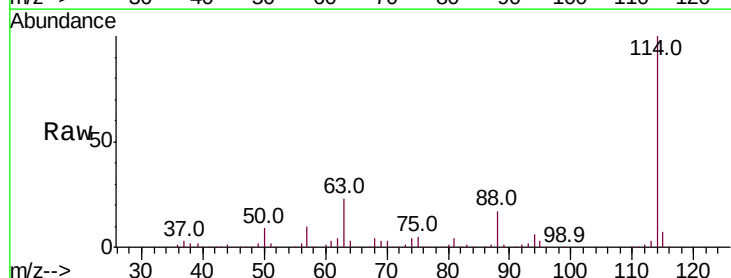
RT: 6.86 min Scan# 936

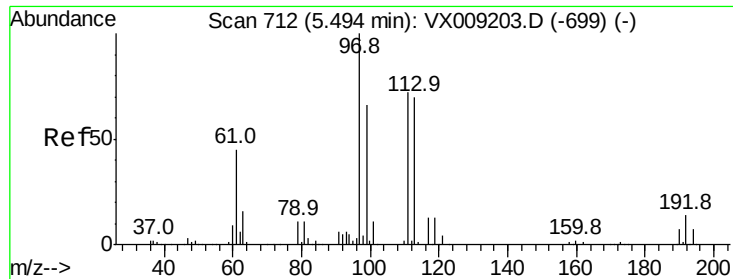
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.6
88	16.9	0.0	33.2





#35

Dibromofluoromethane

Concen: 49.462 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

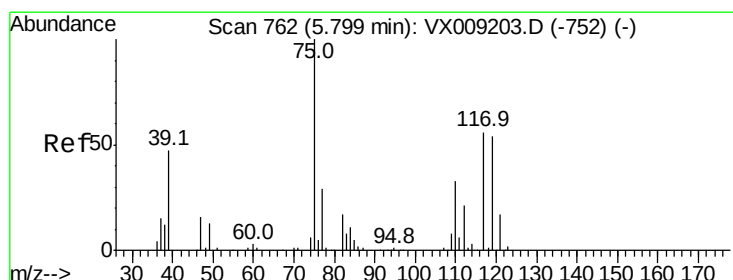
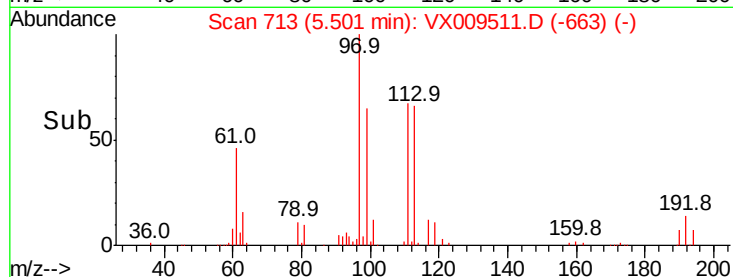
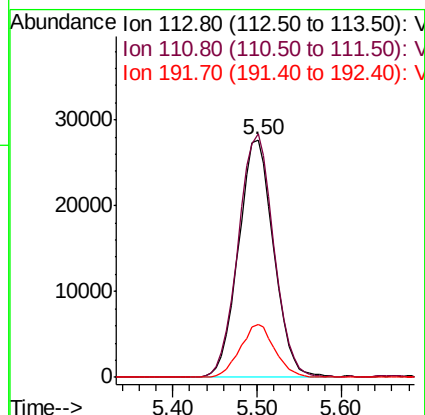
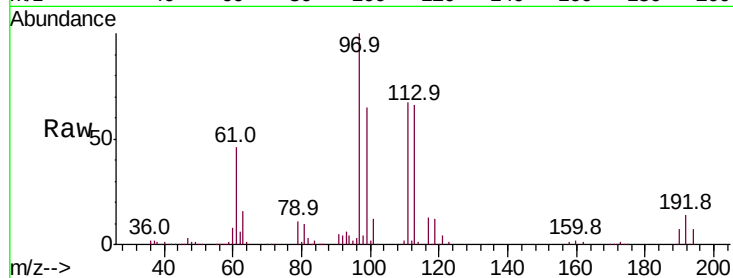
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	78188
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.8	124.2
192	22.0	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 52.539 ug/l

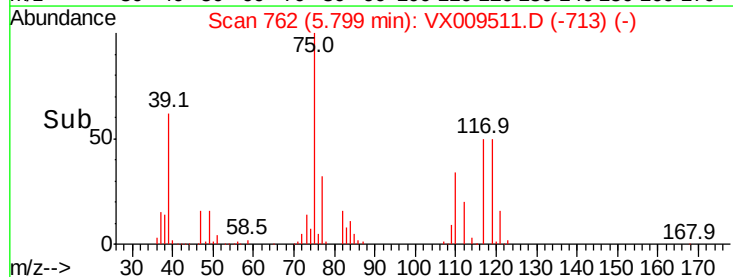
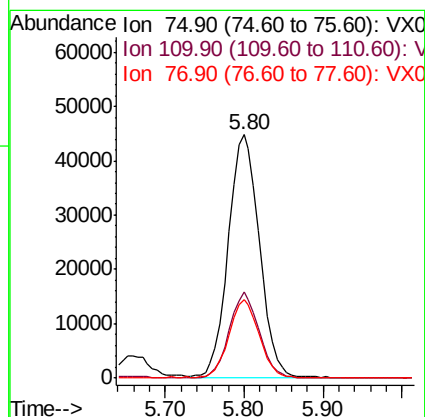
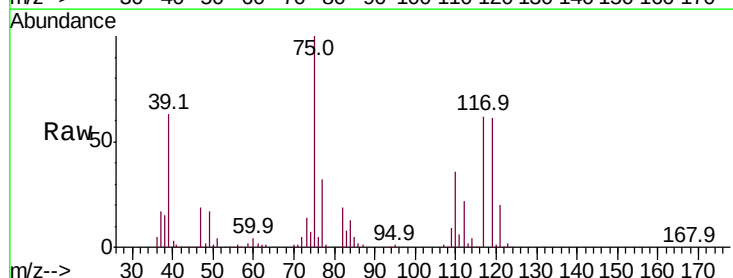
RT: 5.80 min Scan# 762

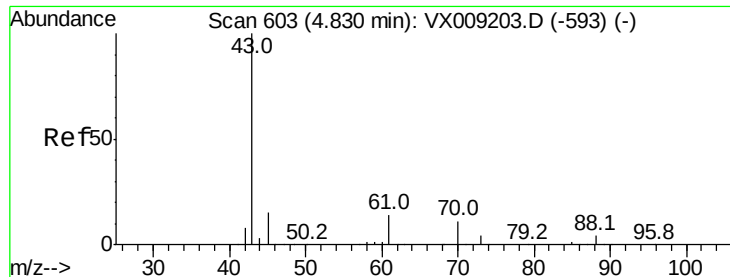
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	75	Resp:	122776
Ion Ratio	Lower	Upper	
75	100		
110	34.1	16.9	50.6
77	31.6	24.8	37.2





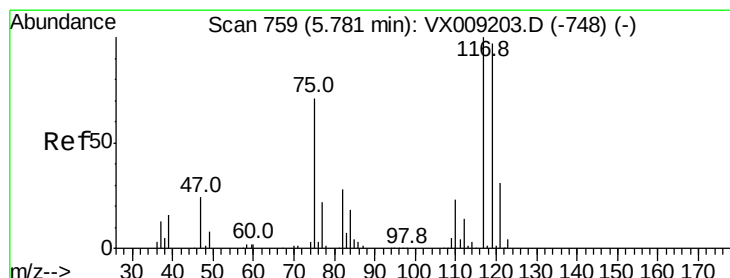
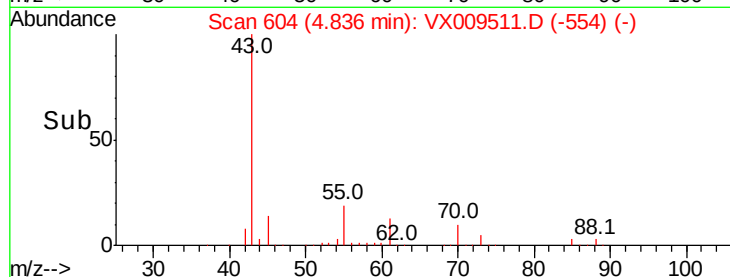
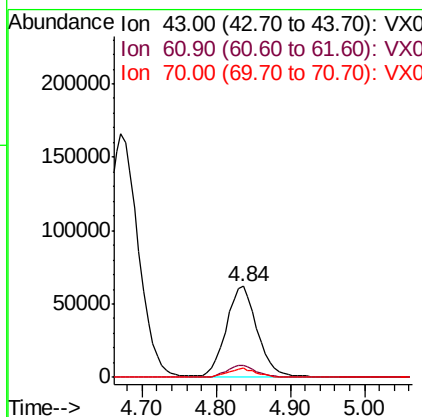
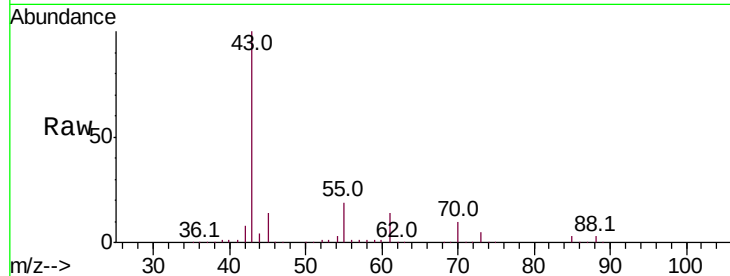
#37
Ethyl Acetate
Concen: 55.480 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	180640
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.3	7.9	11.9

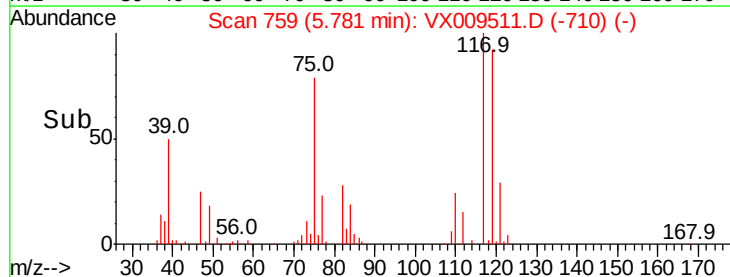
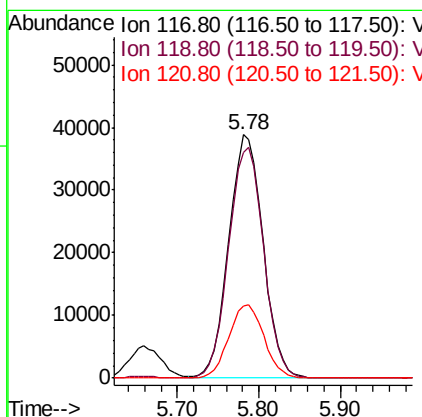
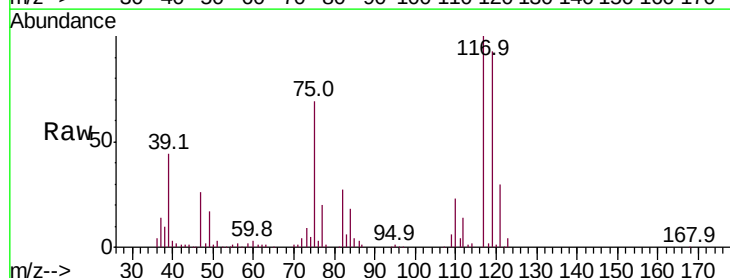
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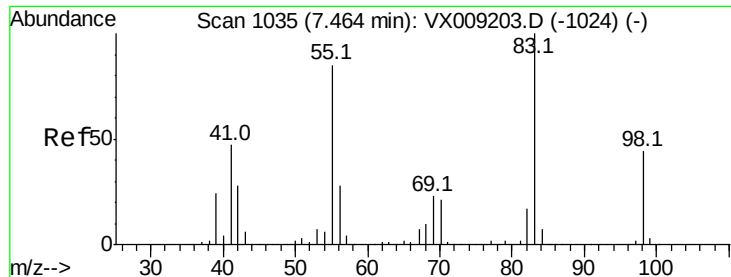
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#38
Carbon Tetrachloride
Concen: 53.290 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion:	117	Resp:	113144
Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.5	116.3
121	29.7	24.7	37.1





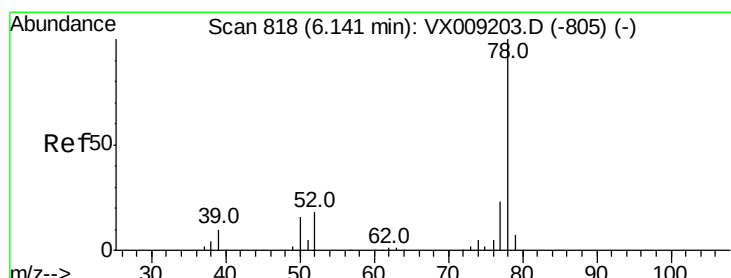
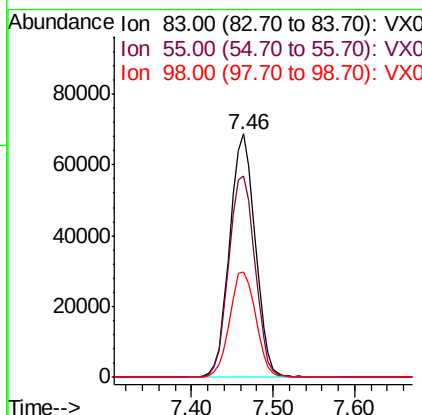
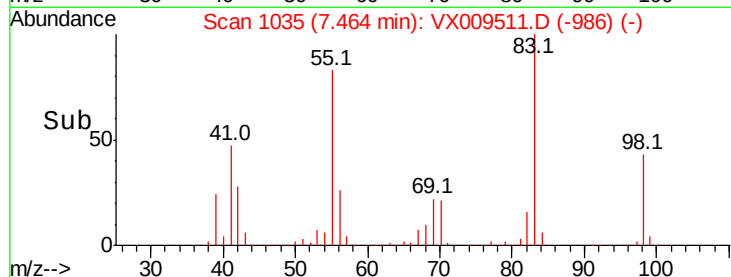
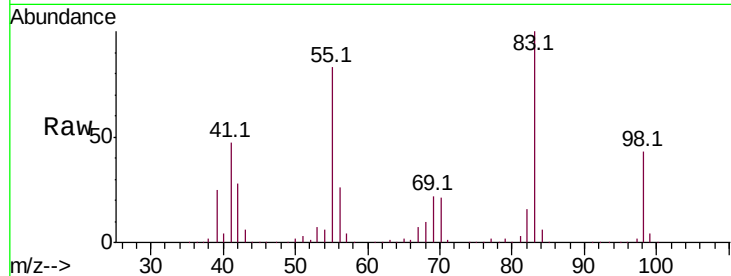
#39
Methylvlcyclohexane
Concen: 51.747 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	67.7	101.5
98	43.4	35.5	53.3

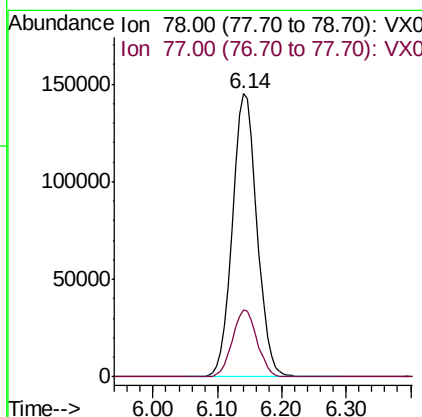
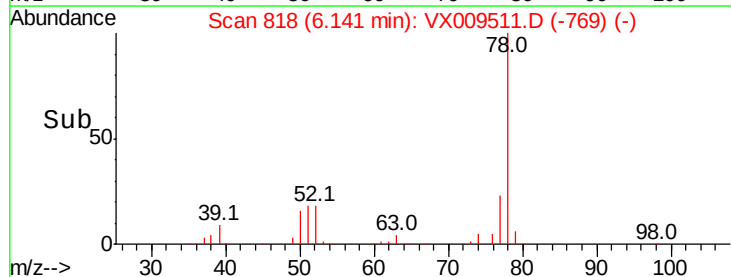
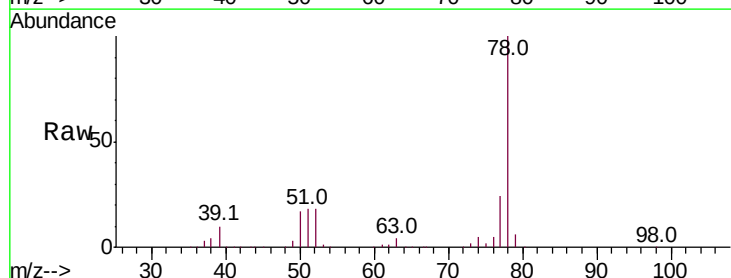
Manual Integrations
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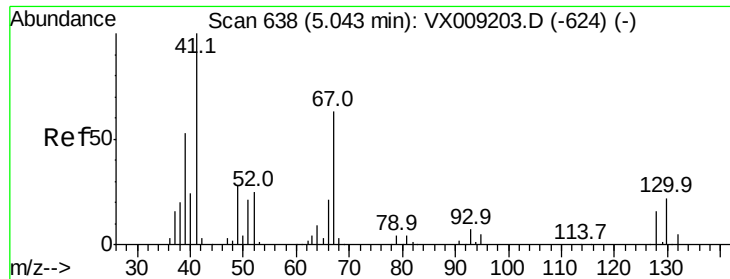
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#40
Benzene
Concen: 53.557 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





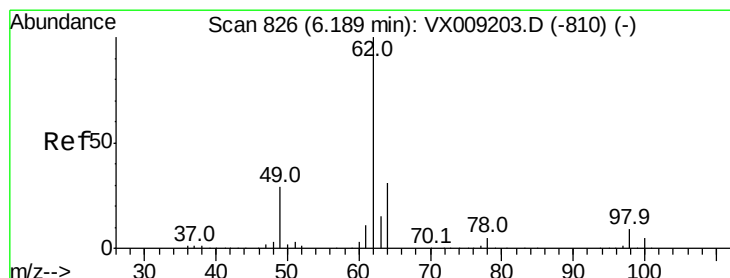
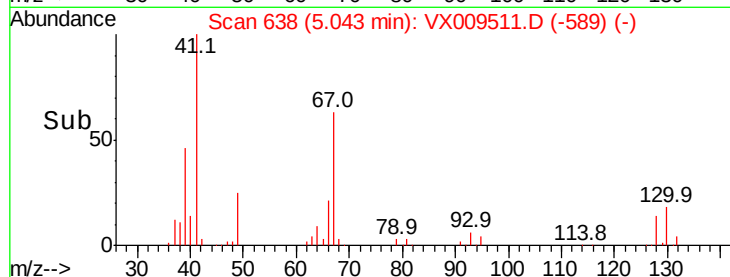
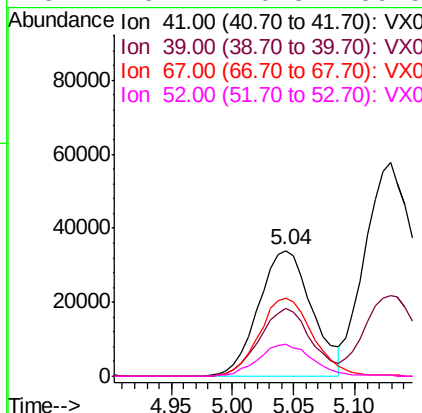
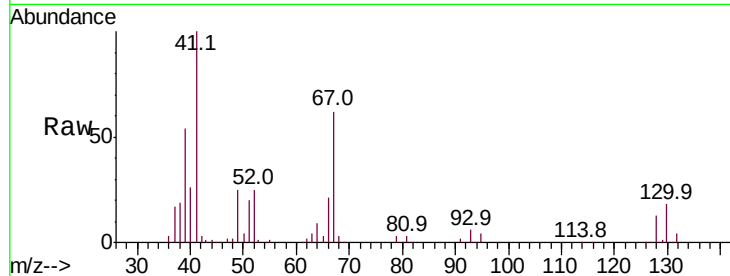
#41
Methacrylonitrile
Concen: 53.519 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	42.0	63.0	
67	62.2	49.8	74.8	
52	25.4	20.3	30.5	

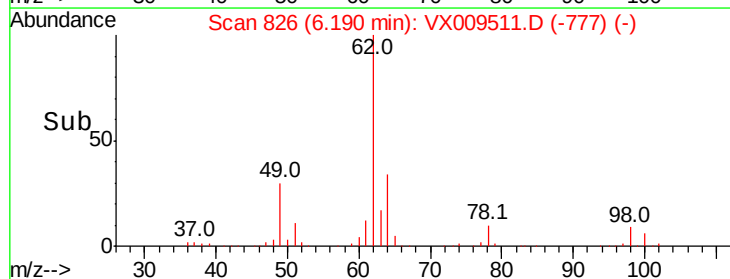
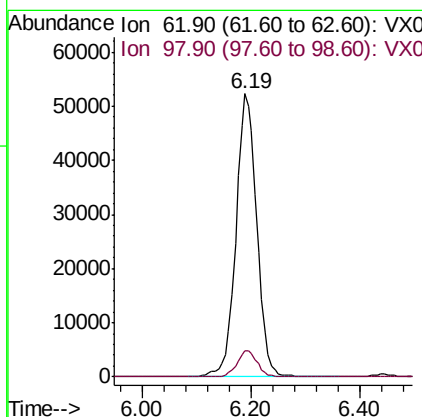
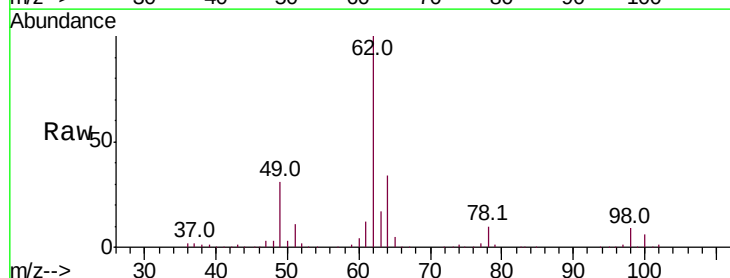
Manual Integrations
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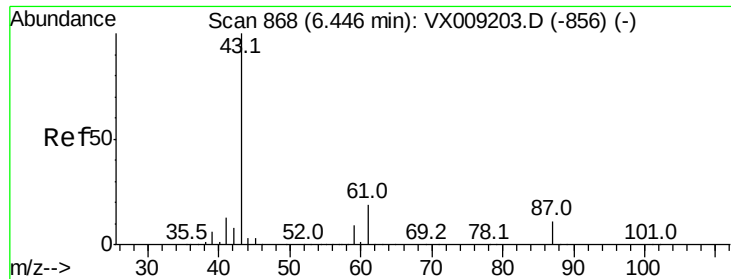
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.835 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.2	





#43

Isopropyl Acetate

Concen: 54.470 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

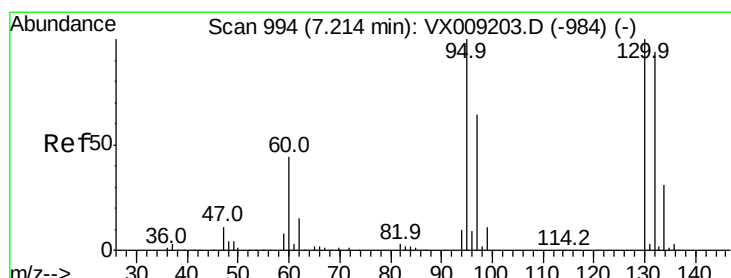
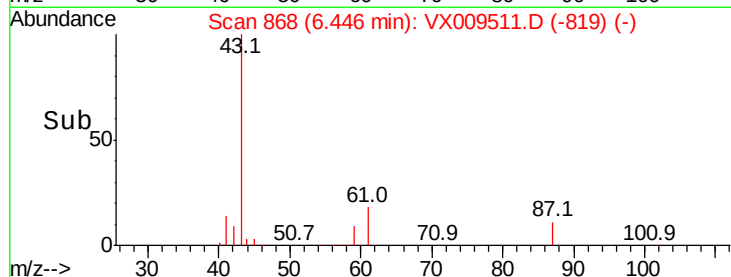
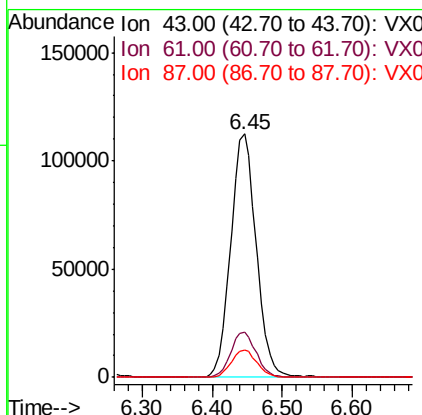
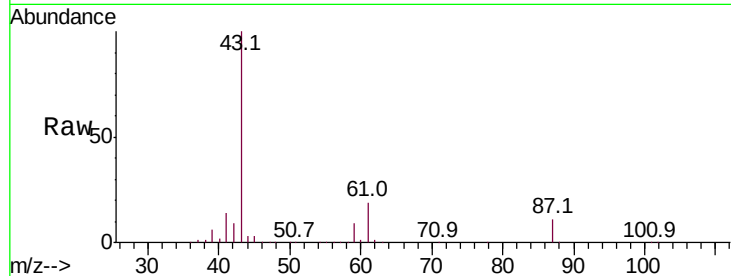
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	283682
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.1	22.7
87	11.3	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 51.888 ug/l

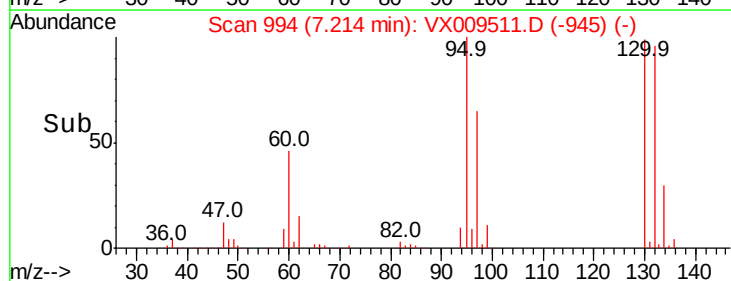
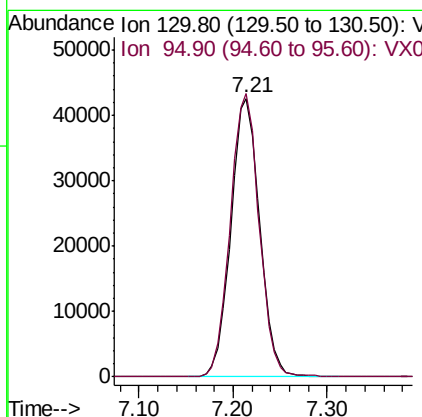
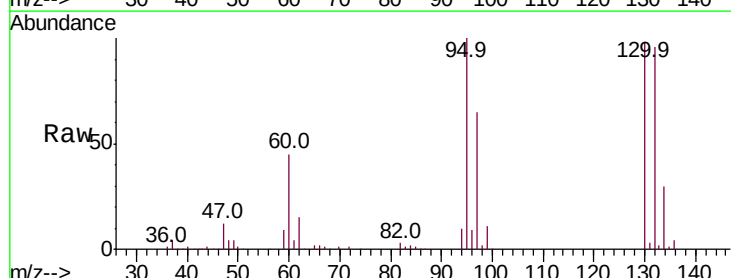
RT: 7.21 min Scan# 994

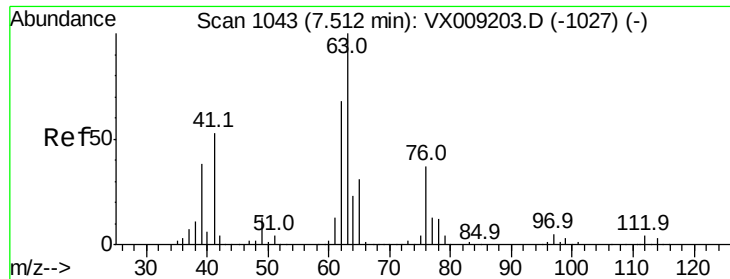
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	130	Resp:	90720
Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	199.2





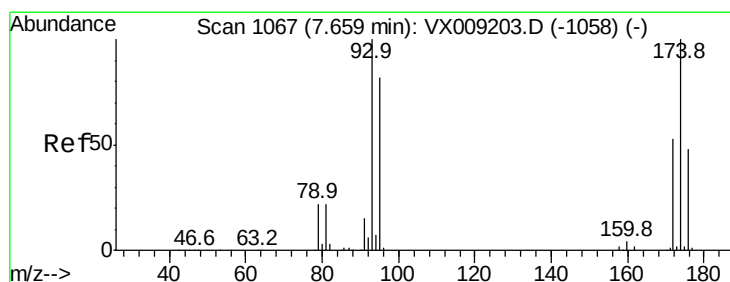
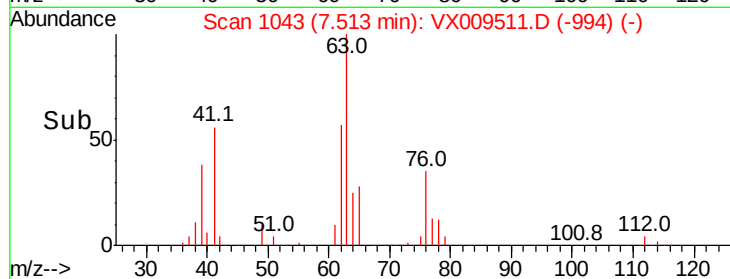
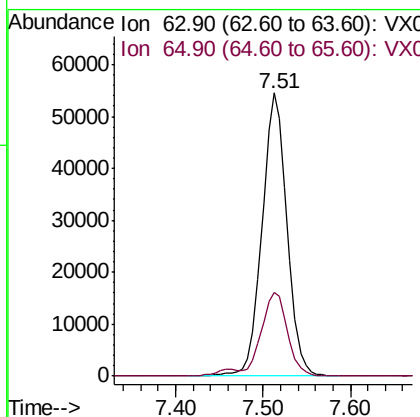
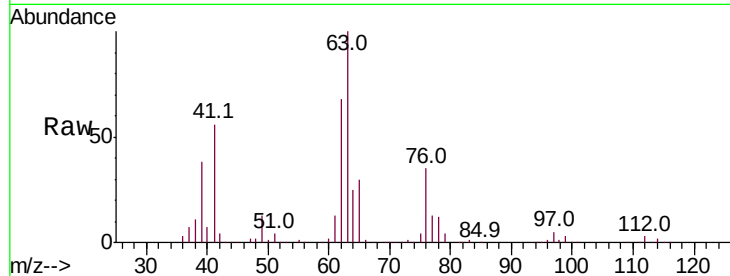
#45
 1,2-Dichloropropane
 Concen: 53.182 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 108909
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.6

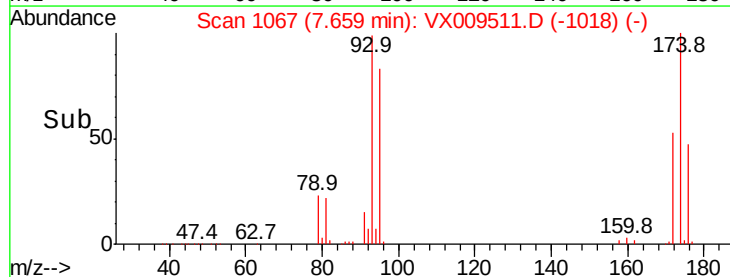
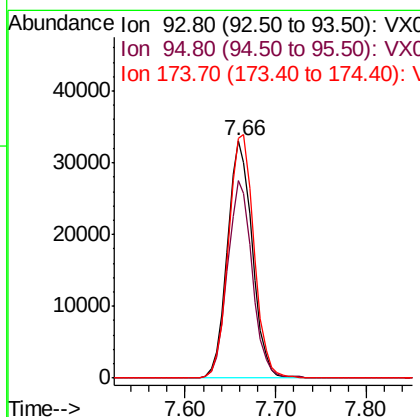
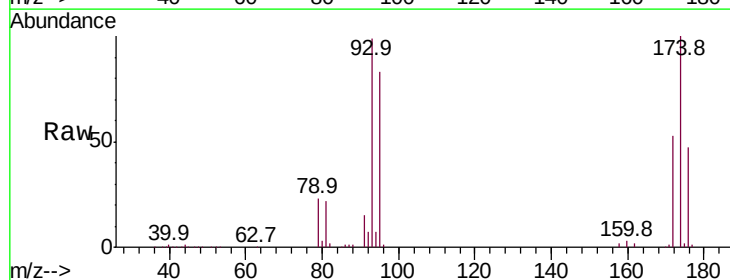
Manual Integrations
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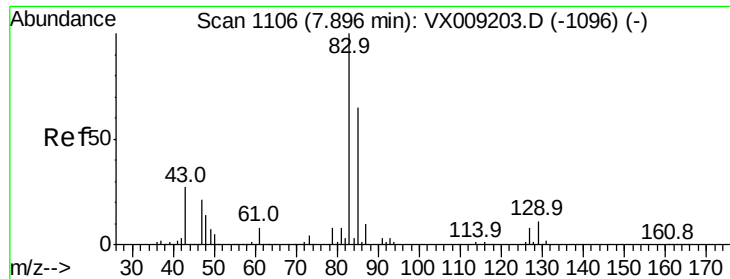
MMDadoda
 5/11/2019 11:53:12 AM



#46
 Dibromomethane
 Concen: 52.952 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Tgt Ion: 93 Resp: 62970
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 105.2 82.1 123.1





#47

Bromodichloromethane

Concen: 53.337 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

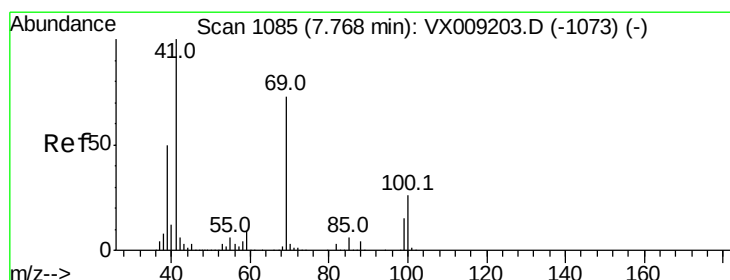
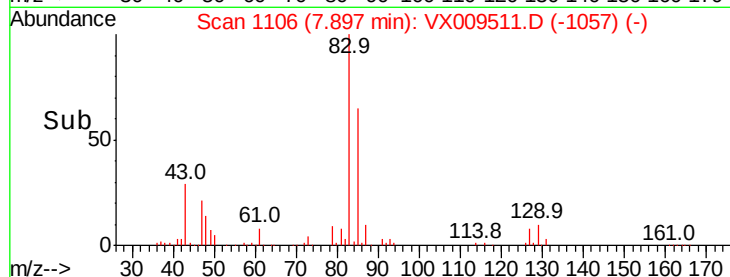
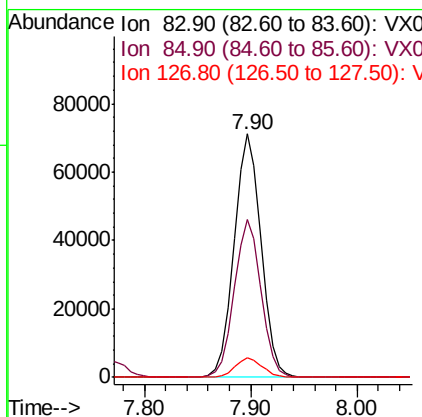
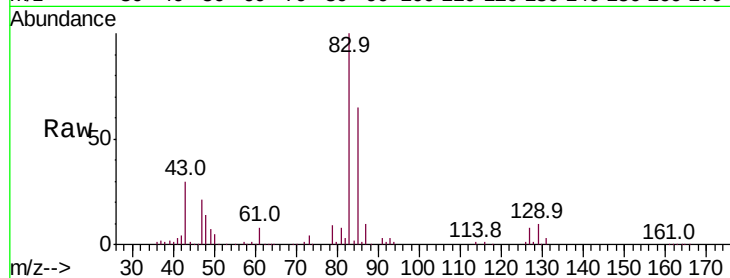
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	126523
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.4	78.6
127	8.1	6.6	10.0

Manual Integrations
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MMDadoda
5/11/2019 11:53:12 AM



#48

Methyl methacrylate

Concen: 55.911 ug/l

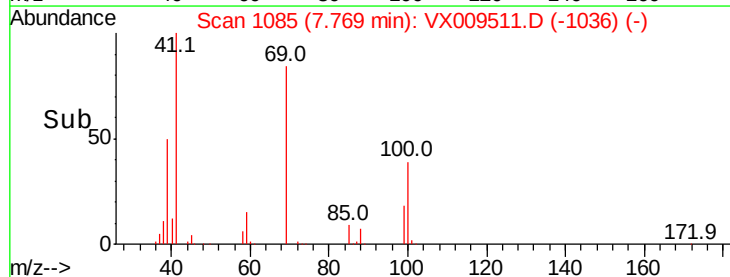
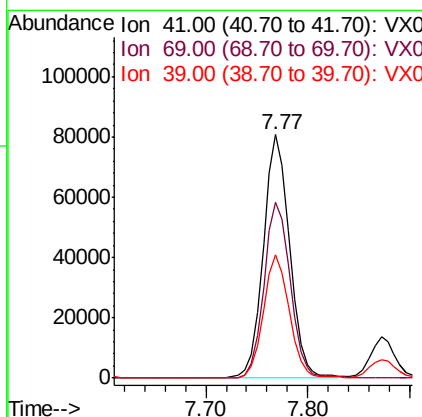
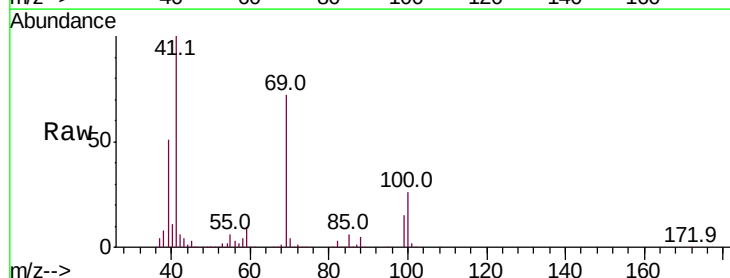
RT: 7.77 min Scan# 1085

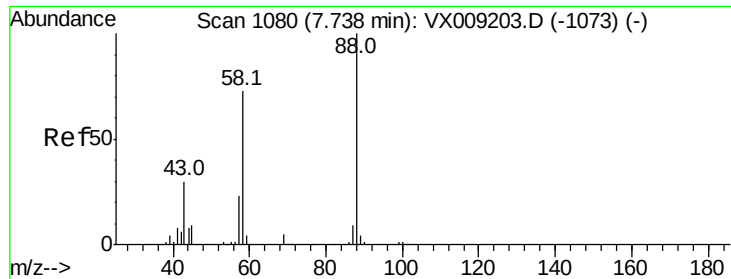
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	41	Resp:	144465
Ion	Ratio	Lower	Upper
41	100		
69	72.4	59.1	88.7
39	49.6	40.4	60.6





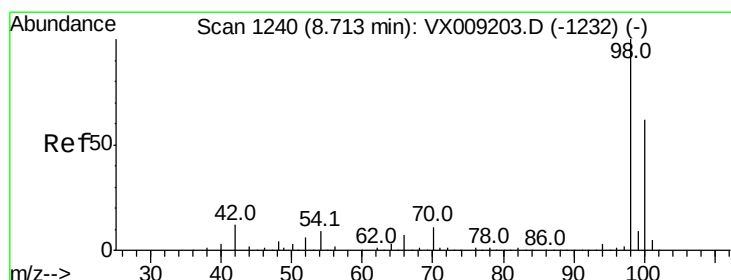
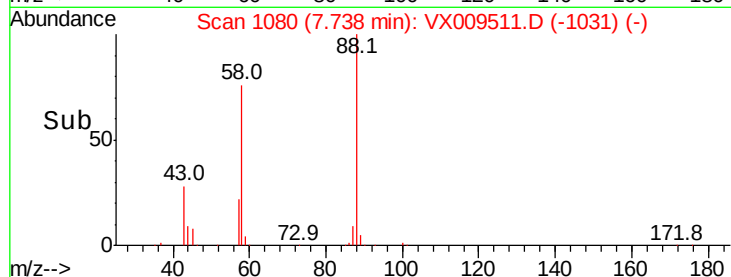
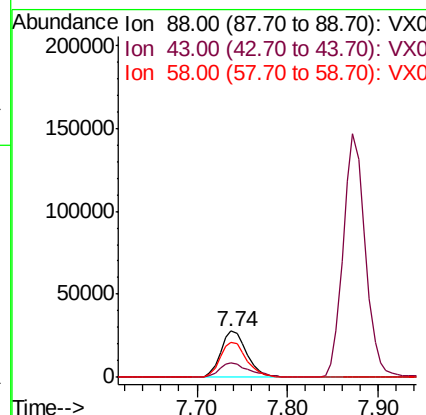
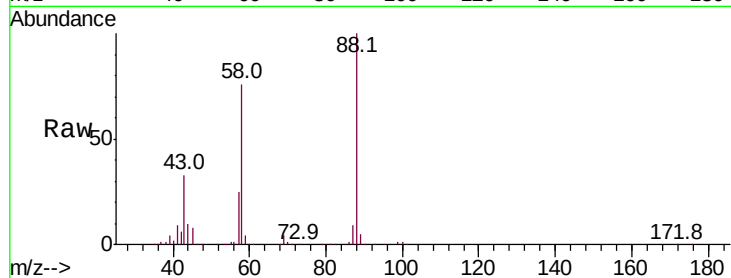
#49
1,4-Dioxane
Concen: 1077.296 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	42.8
58	77.7	61.7	92.5

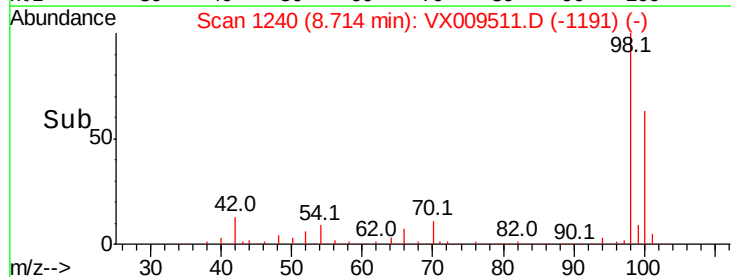
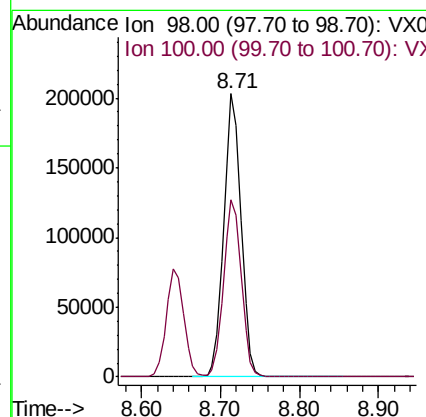
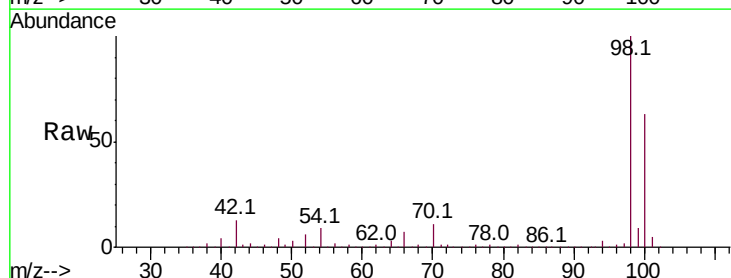
Manual Integrations
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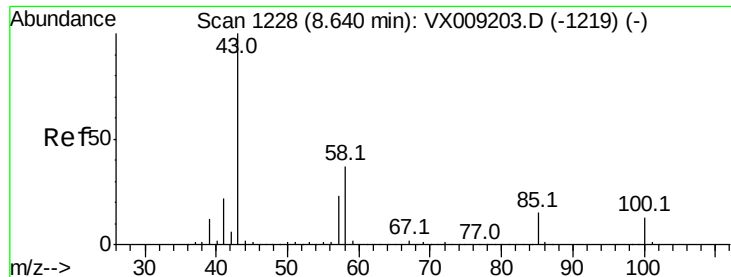
MMDadoda
5/11/2019 11:53:12 AM



#50
Toluene-d8
Concen: 48.716 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 279.712 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 952161

Ion Ratio Lower Upper

43 100

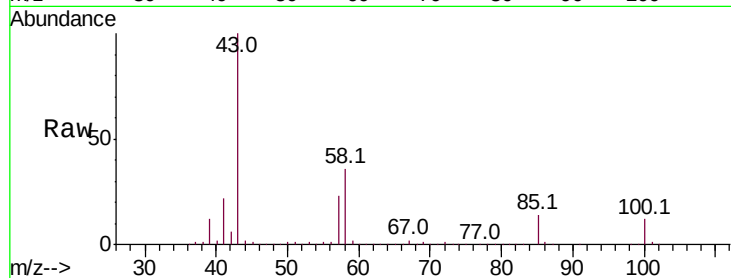
58 36.4 29.5 44.3

Manual Integrations

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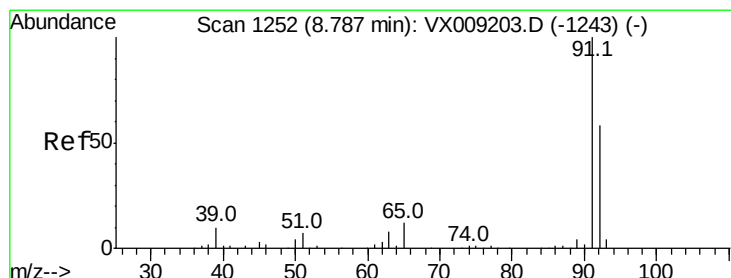
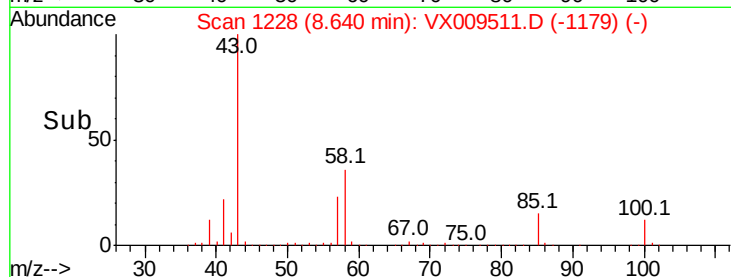
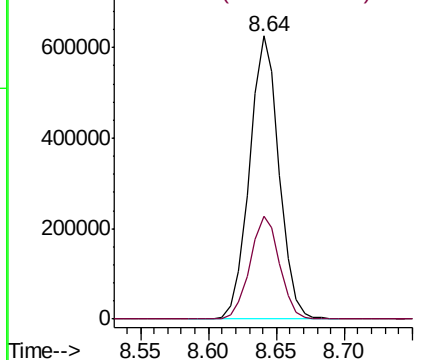
MMDadoda

5/11/2019 11:53:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.350 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009511.D

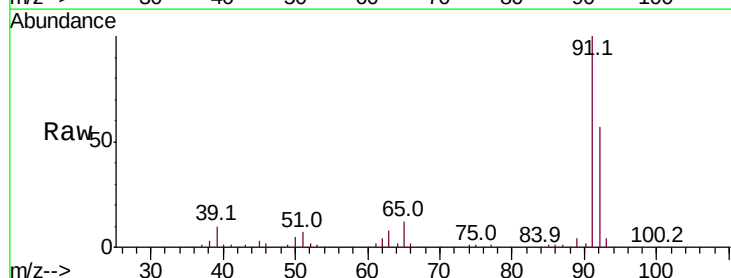
Acq: 11 May 2019 03:04

Tgt Ion: 92 Resp: 234537

Ion Ratio Lower Upper

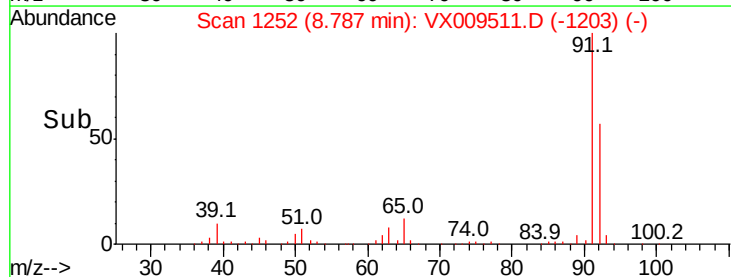
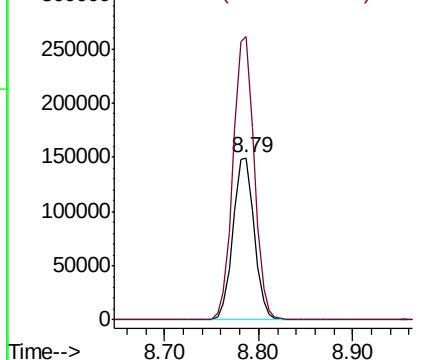
92 100

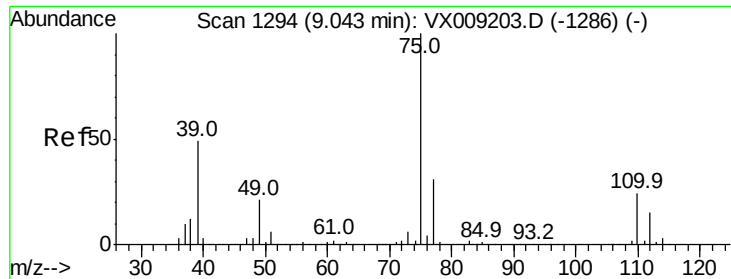
91 174.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





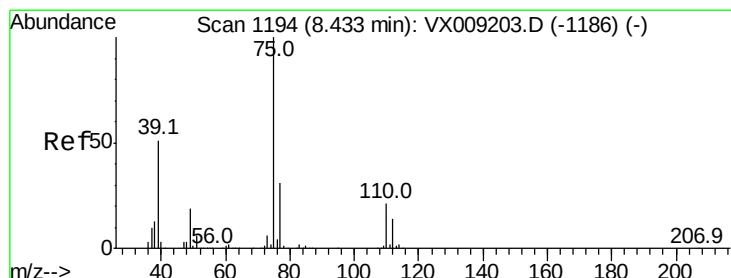
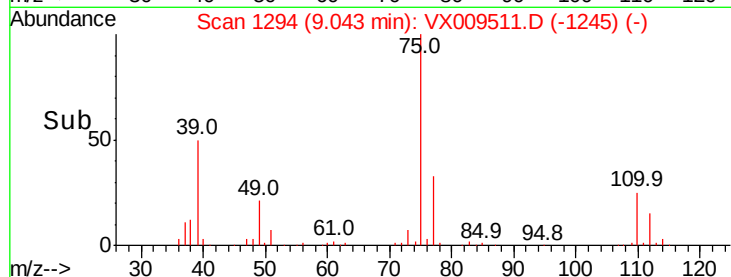
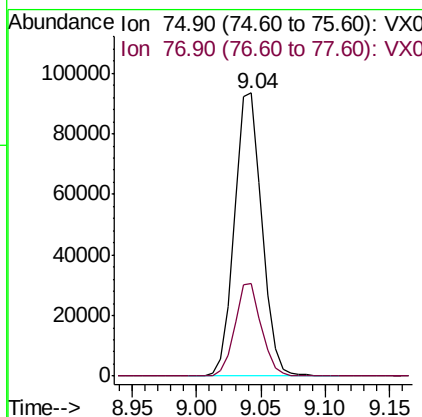
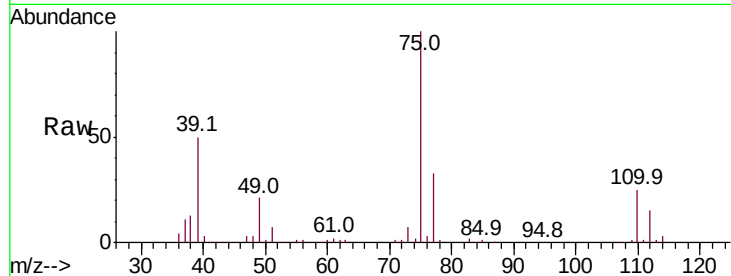
#53
 t-1,3-Dichloropropene
 Concen: 51.713 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 138497
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.6

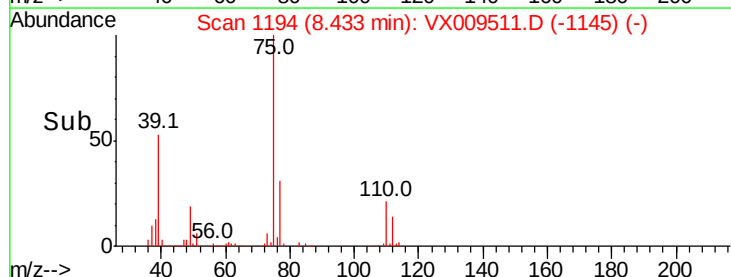
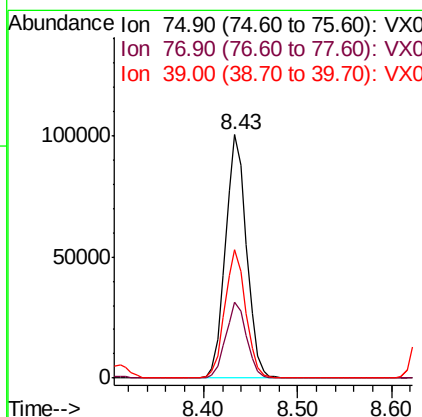
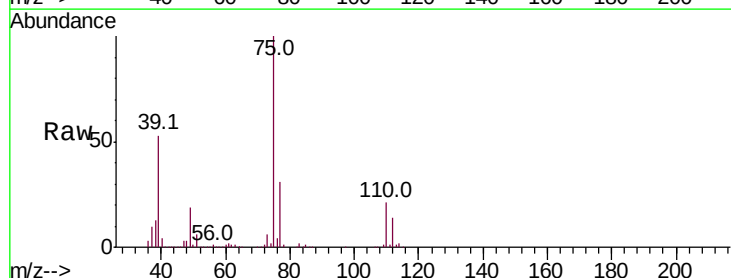
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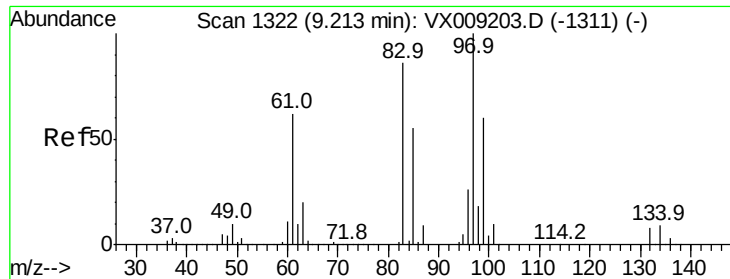
MMDadoda
 5/11/2019 11:53:12 AM



#54
 cis-1,3-Dichloropropene
 Concen: 52.597 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Tgt Ion: 75 Resp: 155916
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 52.8 40.6 60.8





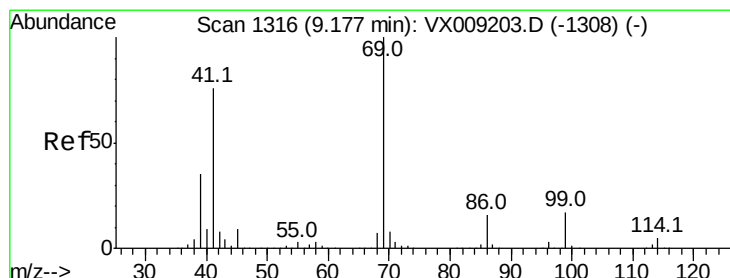
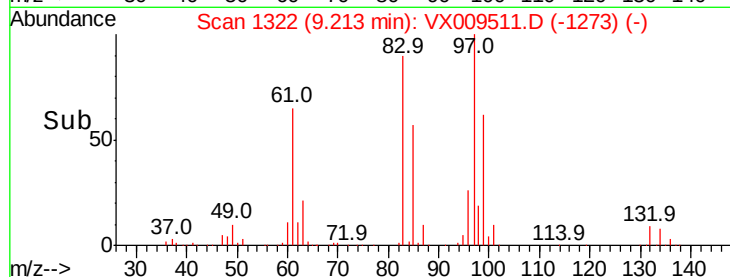
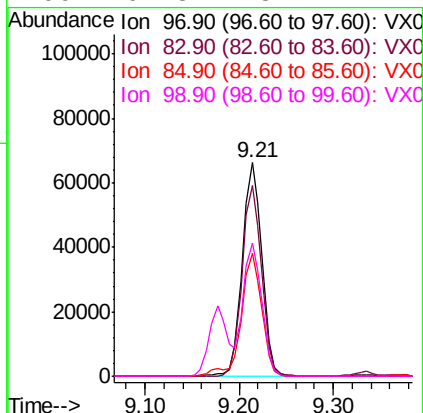
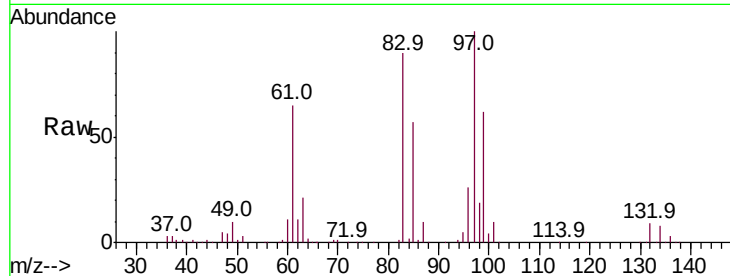
#55
 1,1,2-Trichloroethane
 Concen: 53.443 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	95853
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.9	103.3
85	57.4	43.8	65.6
99	62.3	48.2	72.2

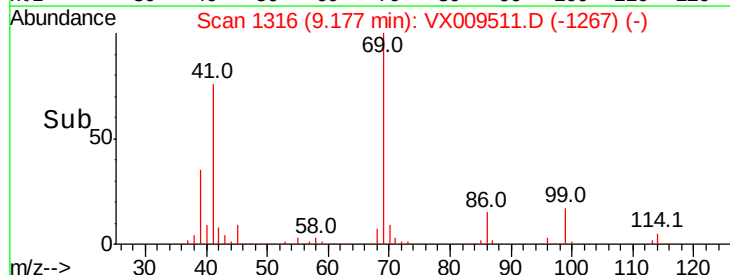
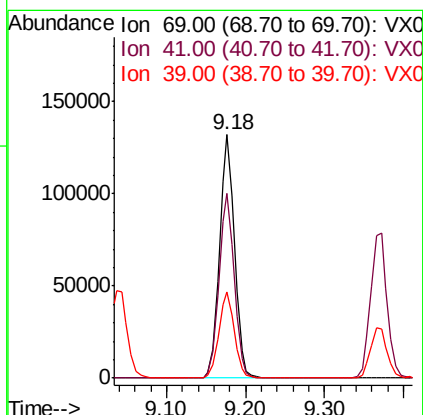
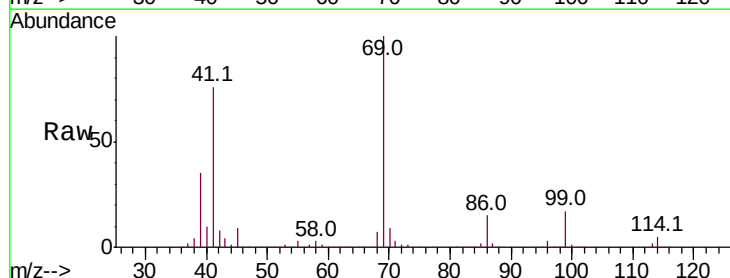
Manual Integrations
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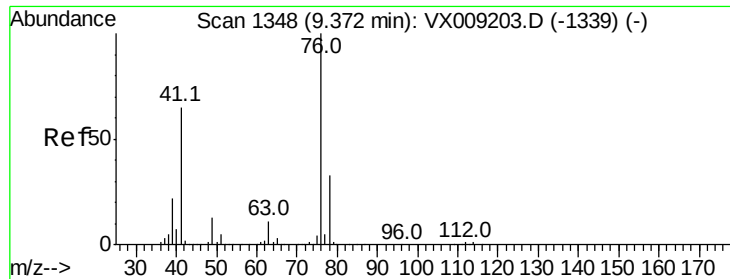
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 5/11/2019 11:53:12 AM



#56
 Ethyl methacrylate
 Concen: 54.694 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Tgt Ion	69	Resp	175105
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.6	90.8
39	36.3	28.2	42.4





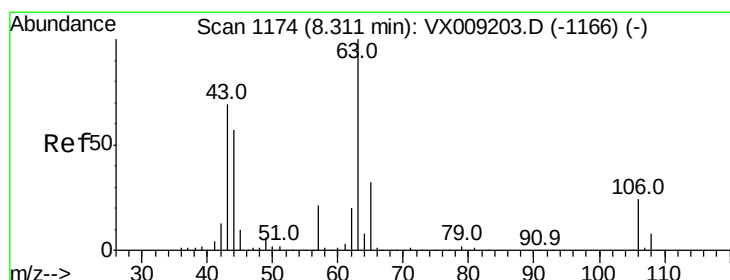
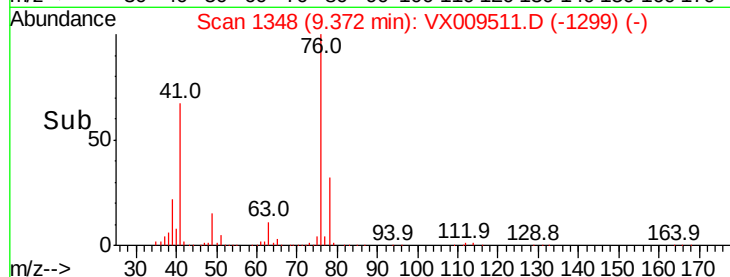
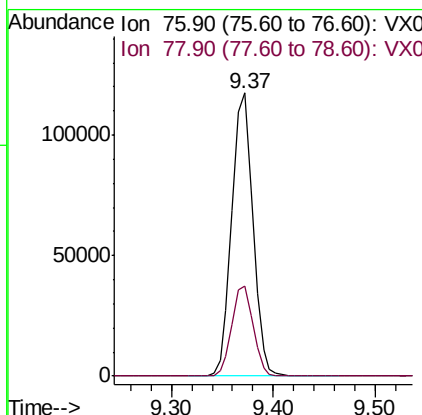
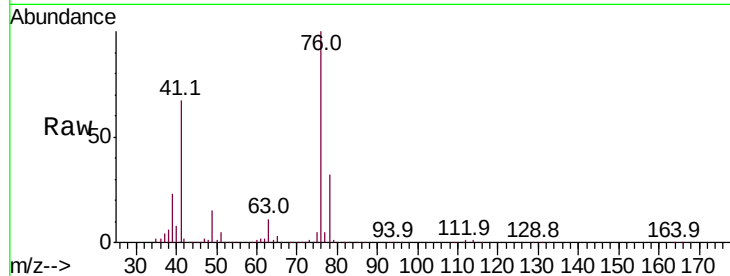
#57
 1,3-Dichloropropane
 Concen: 53.293 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

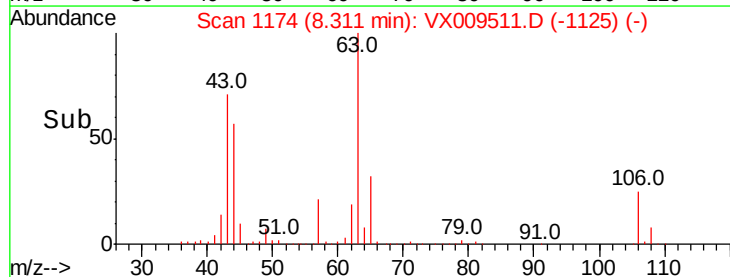
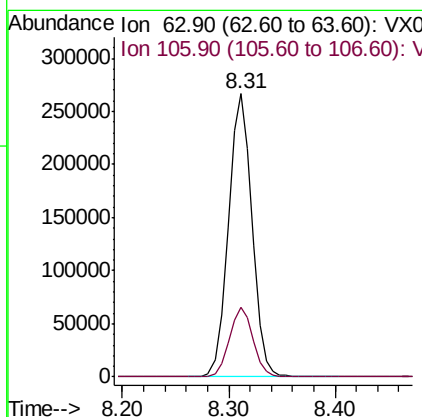
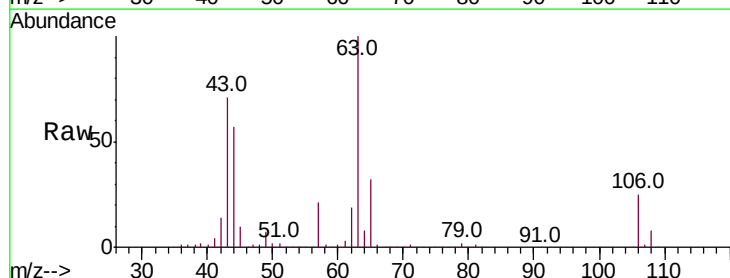
Manual Integrations
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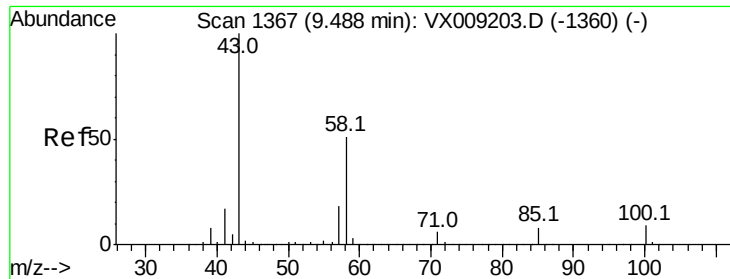
MMDadoda
 5/11/2019 11:53:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.483 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.7	19.7	29.5





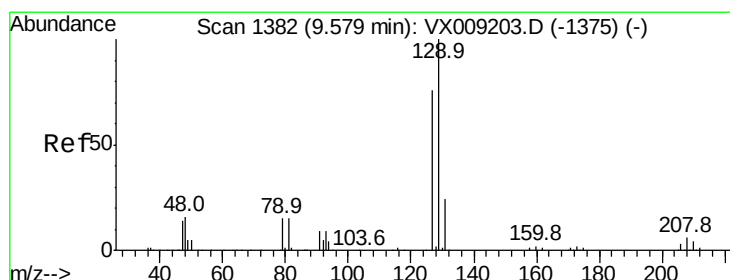
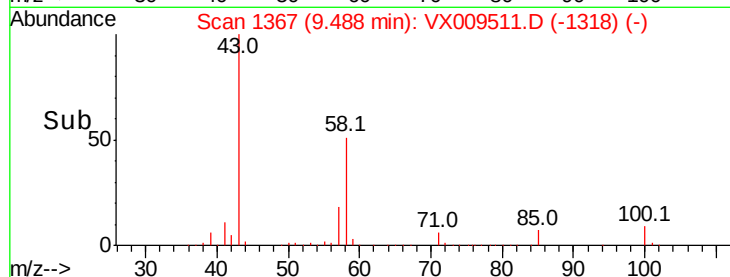
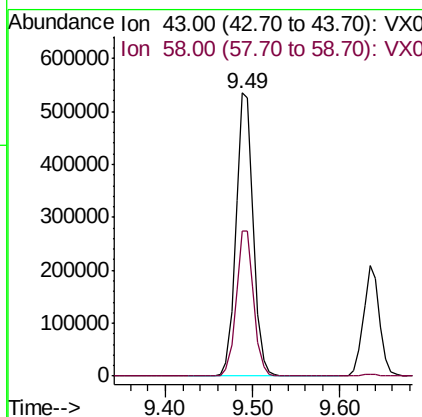
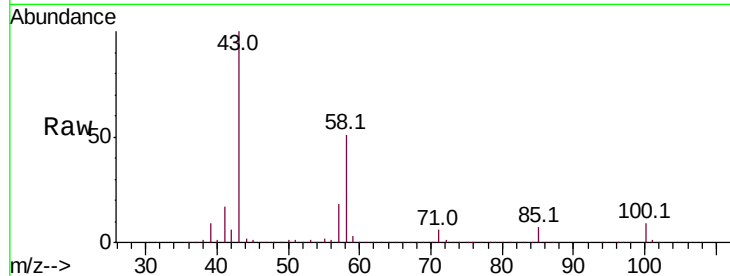
#59
2-Hexanone
Concen: 277.410 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 741660
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7

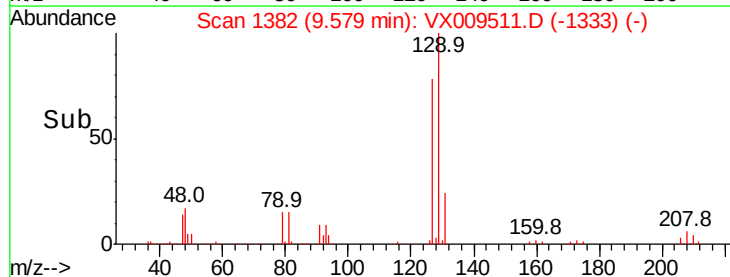
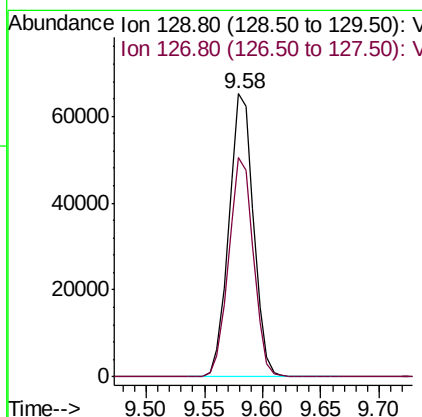
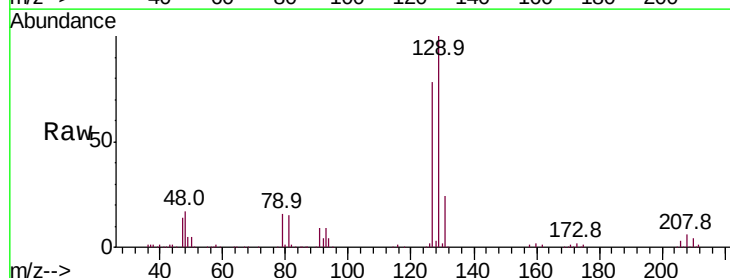
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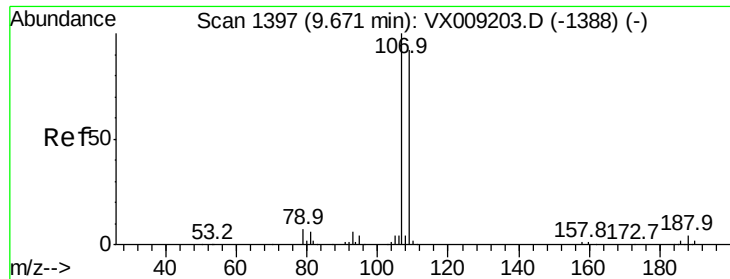
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#60
Dibromochloromethane
Concen: 54.803 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion: 129 Resp: 95999
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.486 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 98645

Ion Ratio Lower Upper

107 100

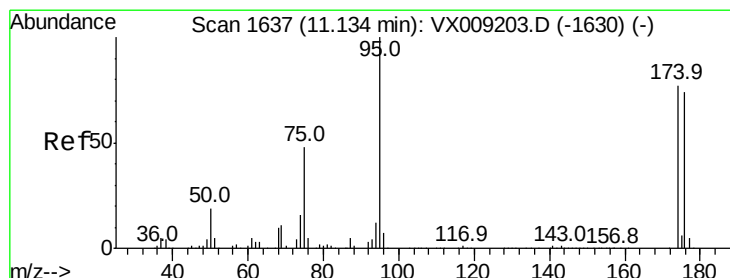
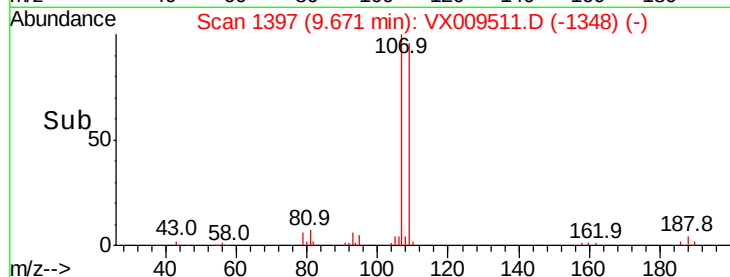
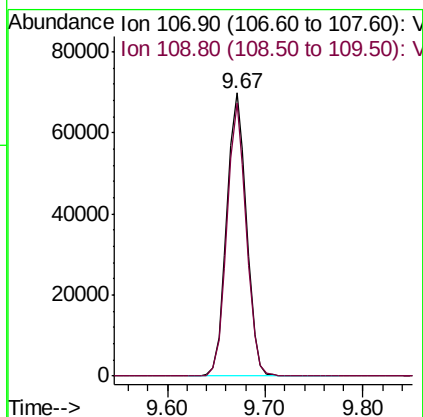
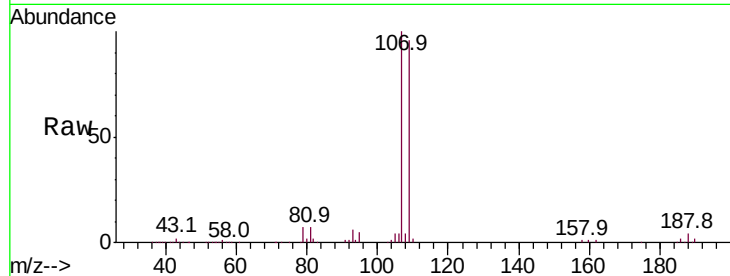
109 93.6 75.2 112.8

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#62

4-Bromofluorobenzene

Concen: 49.472 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

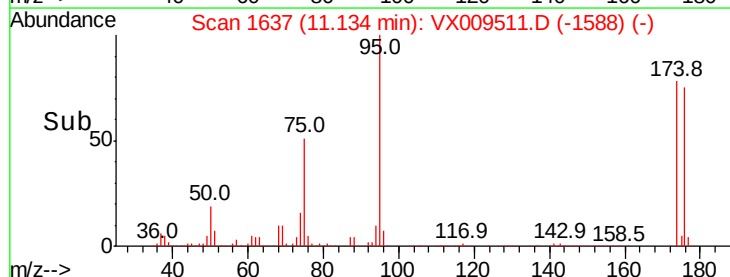
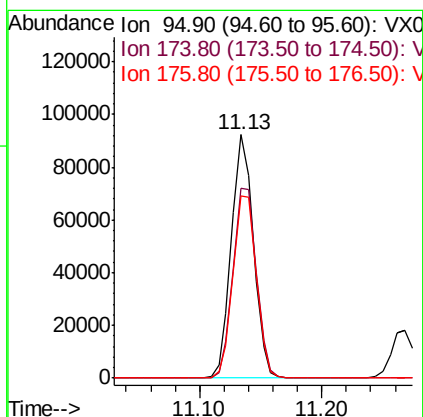
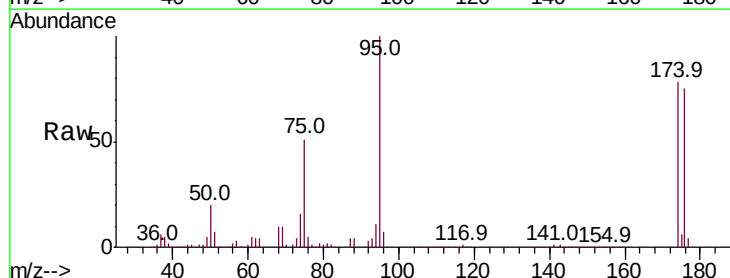
Tgt Ion: 95 Resp: 114725

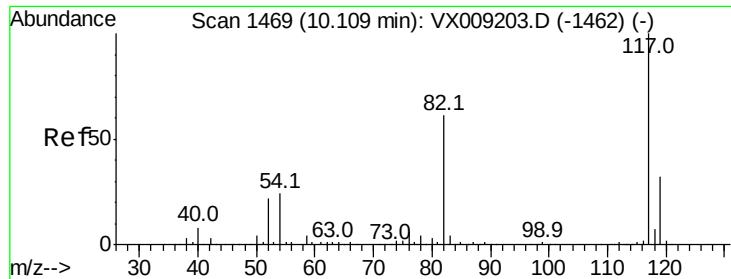
Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.6

176 79.6 0.0 159.2





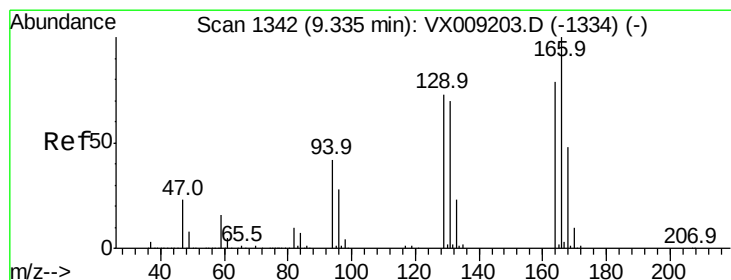
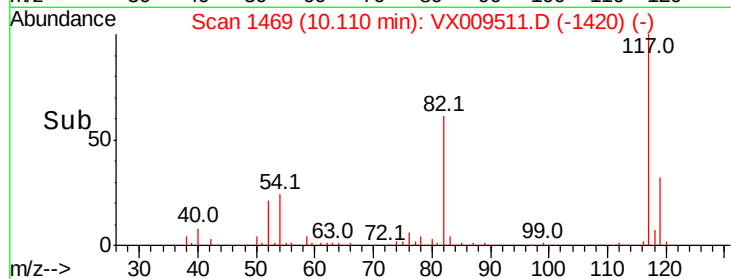
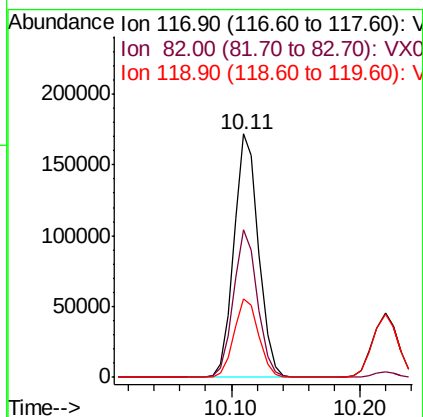
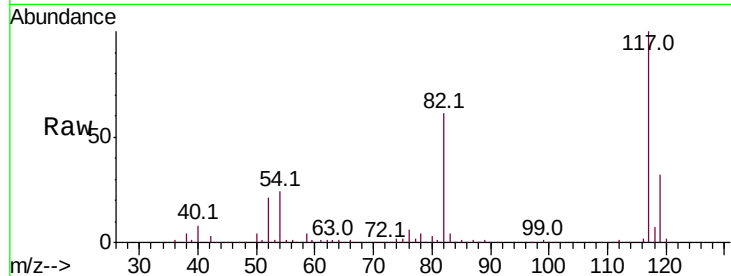
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	228147		
82	60.6	48.8	73.2	
119	32.2	25.8	38.6	

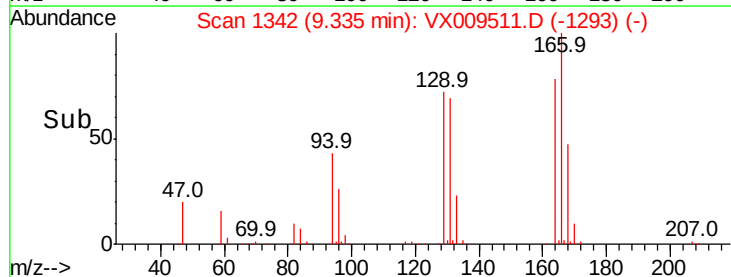
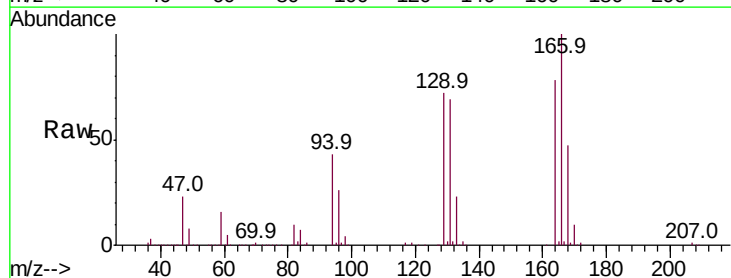
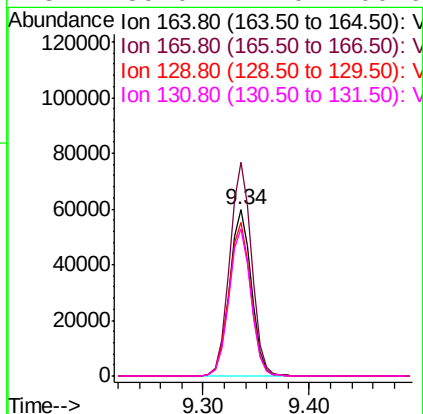
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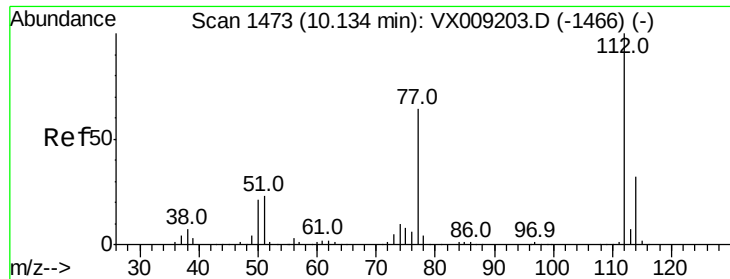
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#64
Tetrachloroethene
Concen: 55.119 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86260		
166	128.6	101.2	151.8	
129	92.2	74.3	111.5	
131	89.0	71.0	106.6	





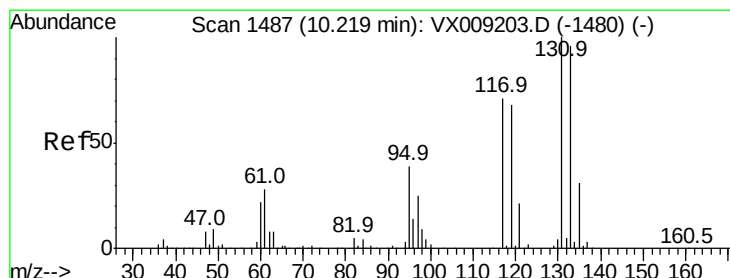
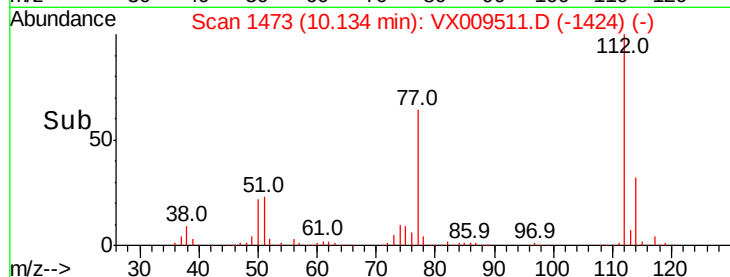
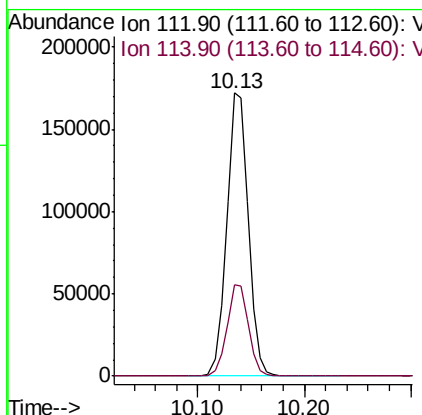
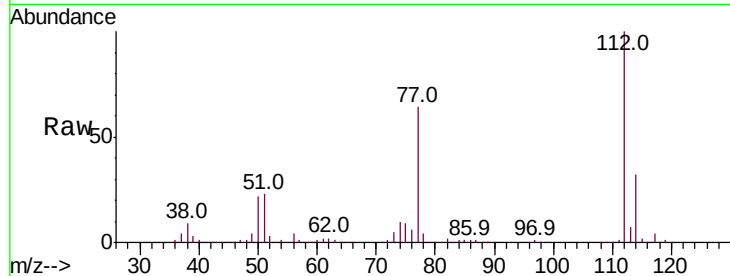
#65
Chlorobenzene
Concen: 53.283 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 243184
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

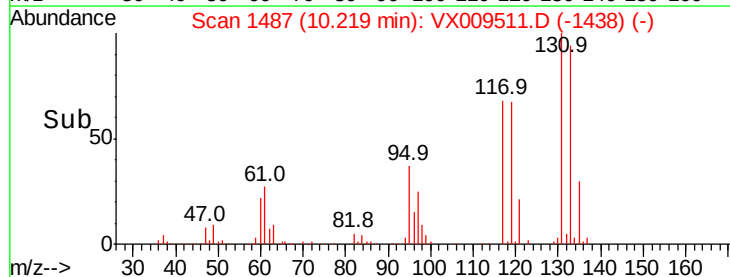
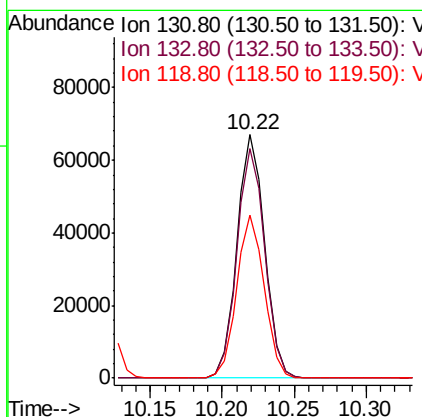
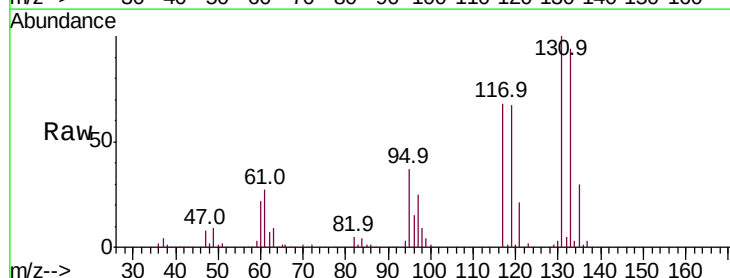
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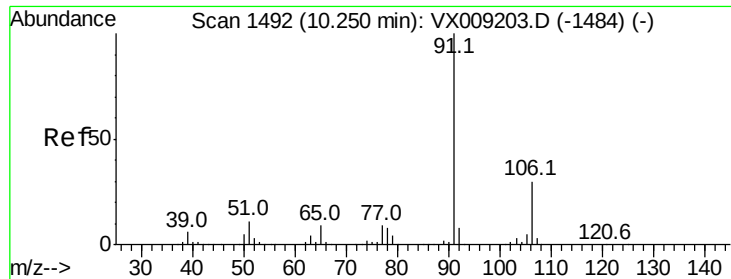
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.056 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion:131 Resp: 89442
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.9 33.5 100.4





#67

Ethyl Benzene

Concen: 53.759 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 451549

Ion Ratio Lower Upper

91 100

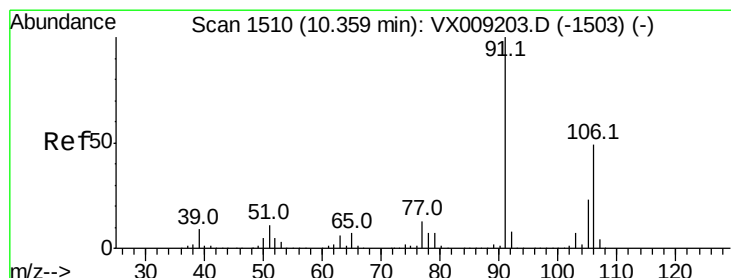
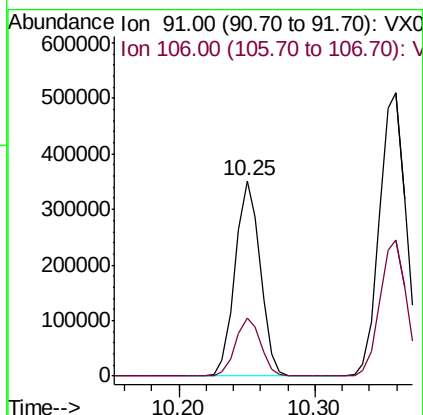
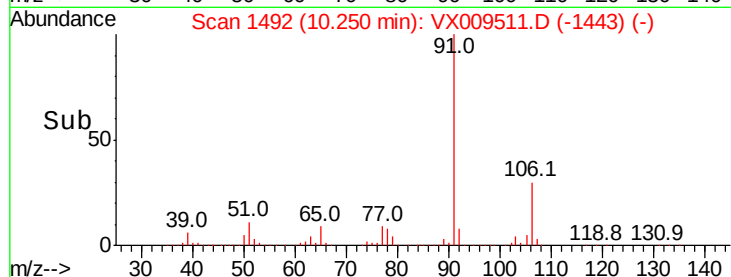
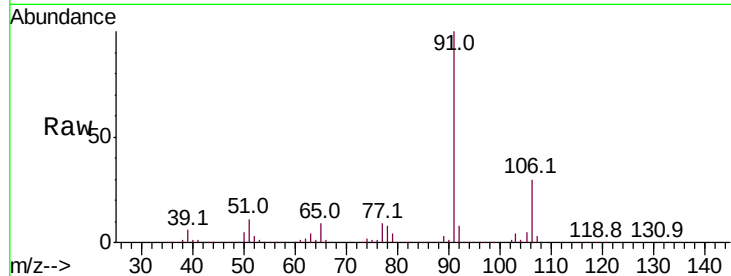
106 30.1 24.0 36.0

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#68

m/p-Xylenes

Concen: 107.563 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009511.D

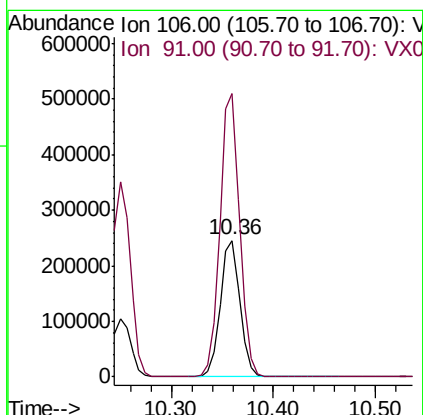
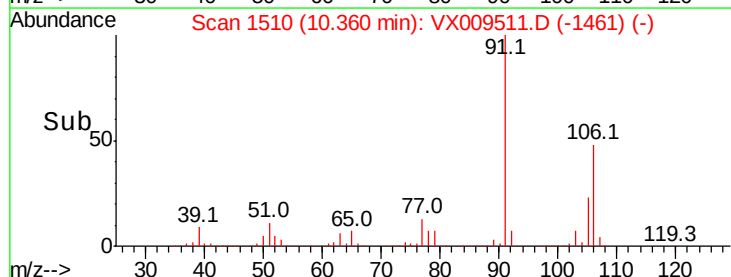
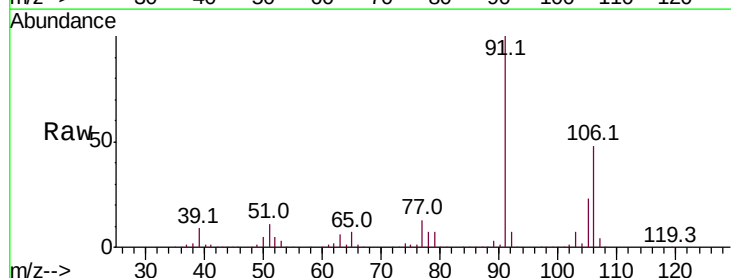
Acq: 11 May 2019 03:04

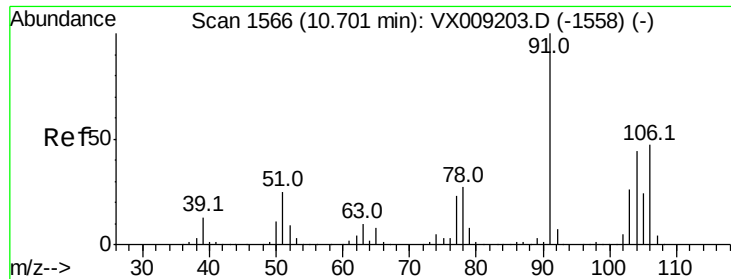
Tgt Ion: 106 Resp: 330155

Ion Ratio Lower Upper

106 100

91 209.0 164.0 246.0





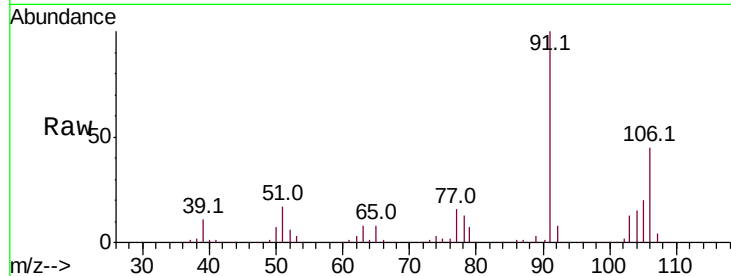
#69
o-Xylene
Concen: 53.826 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

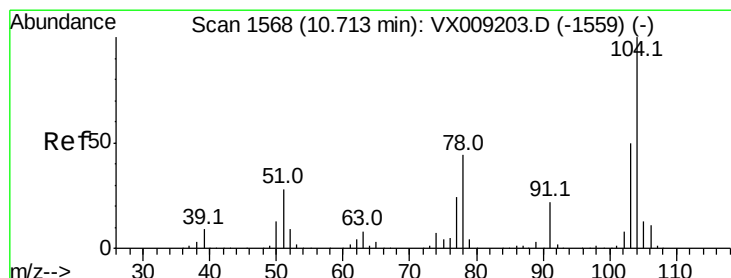
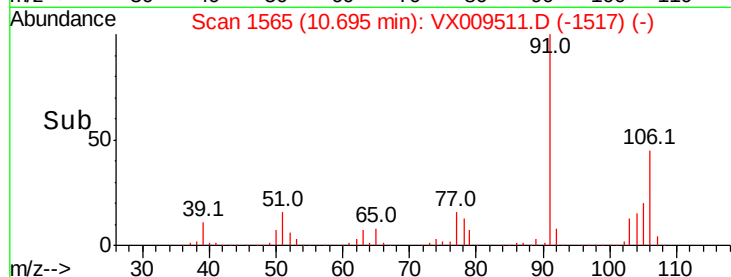
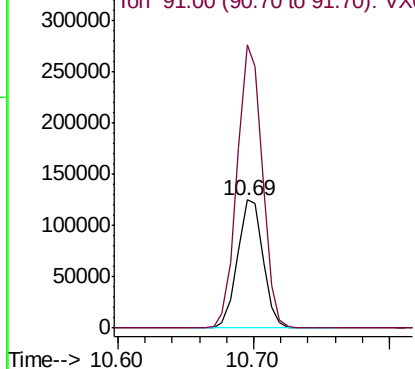
Tot Ion:106 Resp: 163008
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4

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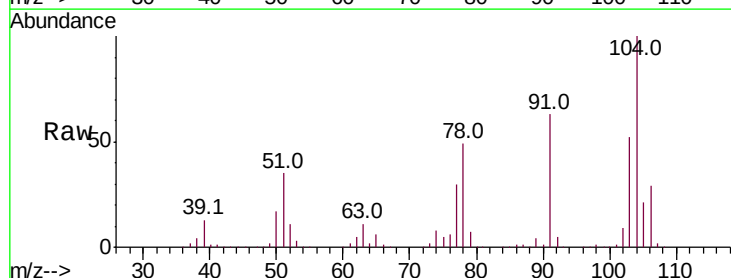


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

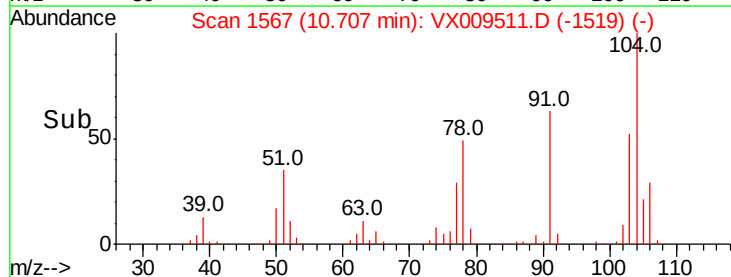
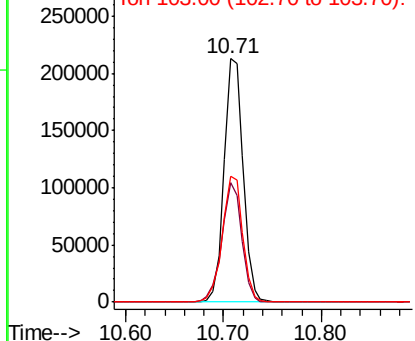


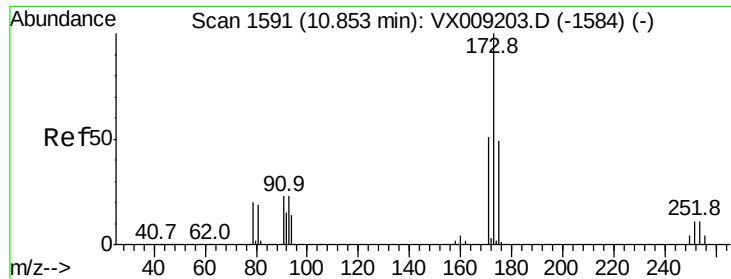
#70
Styrene
Concen: 54.651 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion:104 Resp: 287664
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.4
103 55.3 43.8 65.6



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





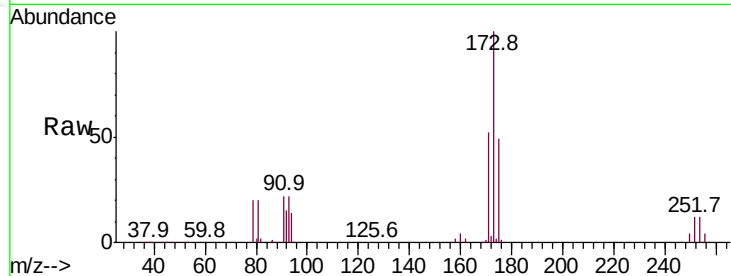
#71
Bromoform
Concen: 54.951 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

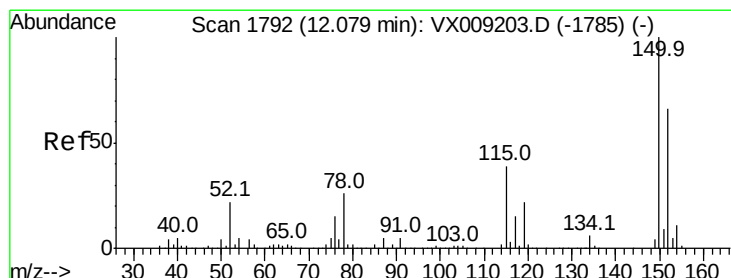
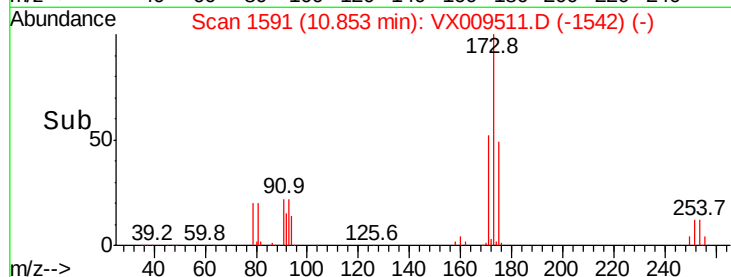
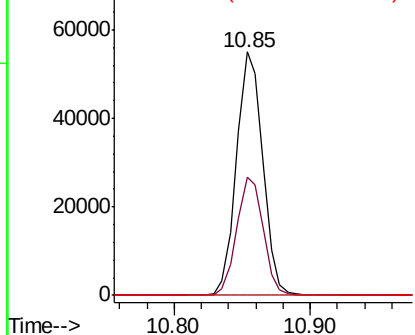
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.2	0.1	0.1#

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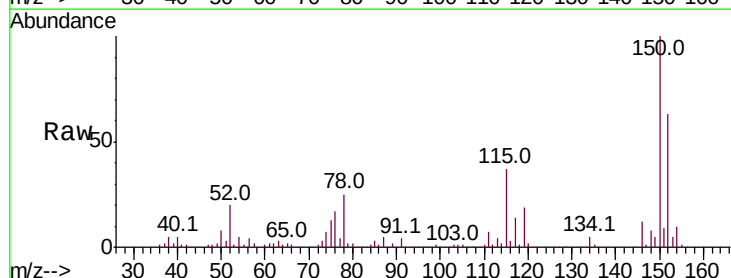


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

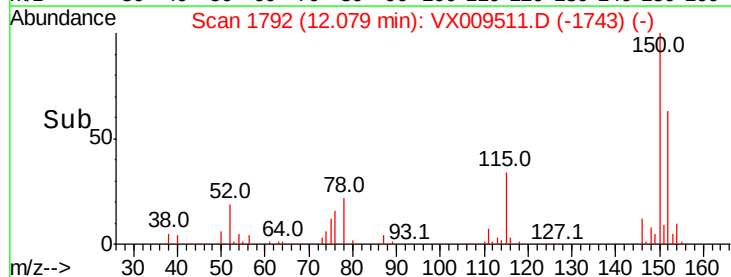
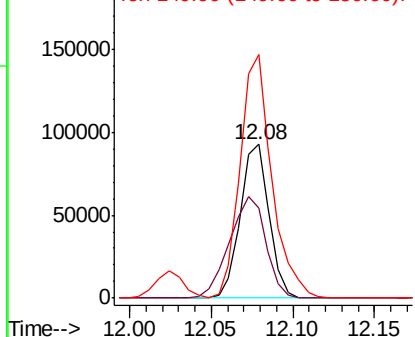


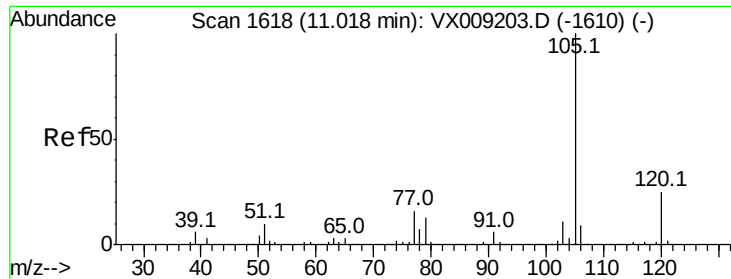
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.8	41.2	123.6
150	174.4	0.0	346.4



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: 51.647 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 428941

Ion Ratio Lower Upper

105 100

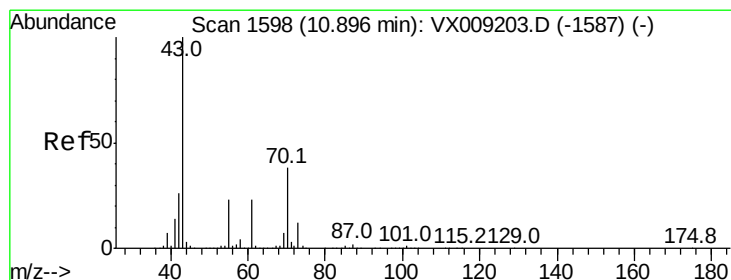
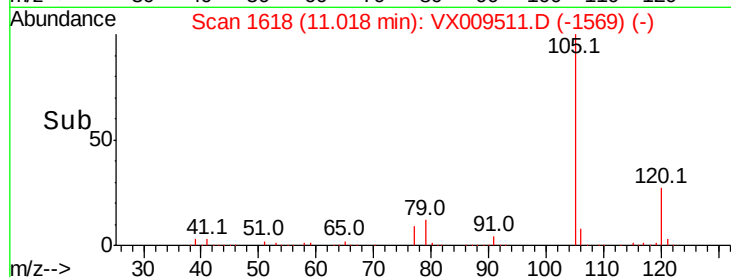
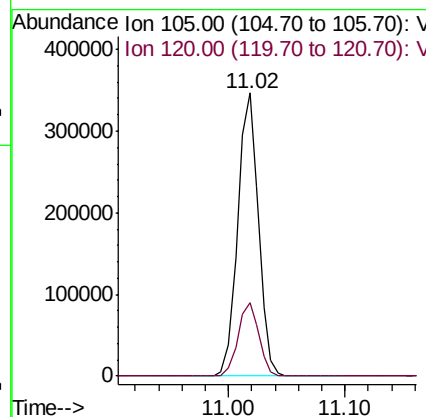
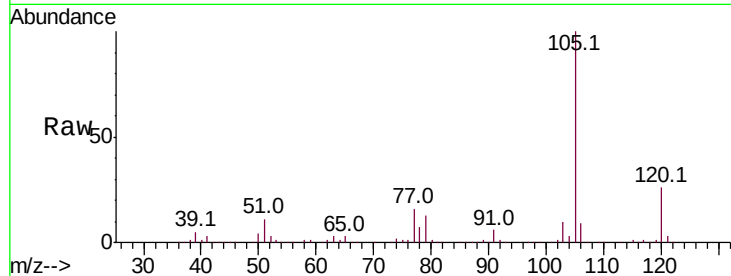
120 26.0 12.8 38.3

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#74

N-ethyl acetate

Concen: 54.250 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion: 43 Resp: 262678

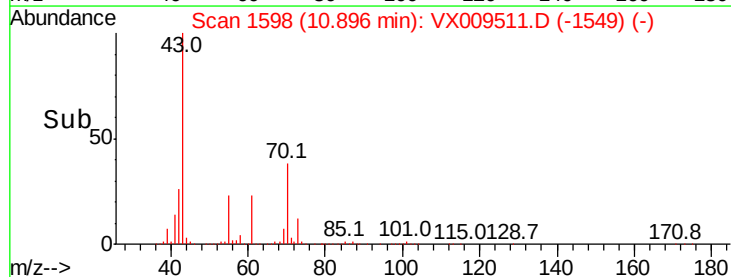
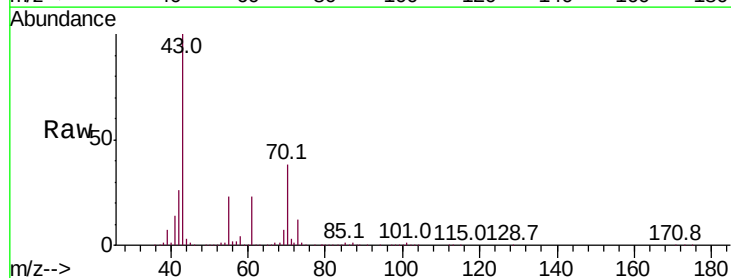
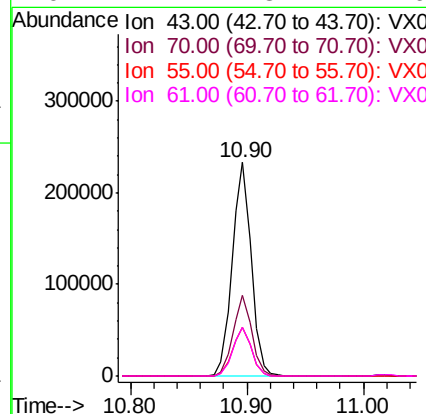
Ion Ratio Lower Upper

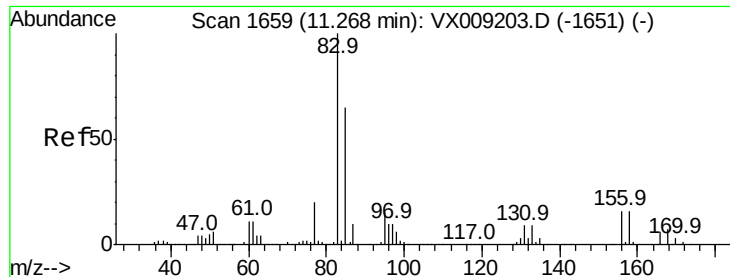
43 100

70 37.3 30.0 45.0

55 22.9 17.9 26.9

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.798 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

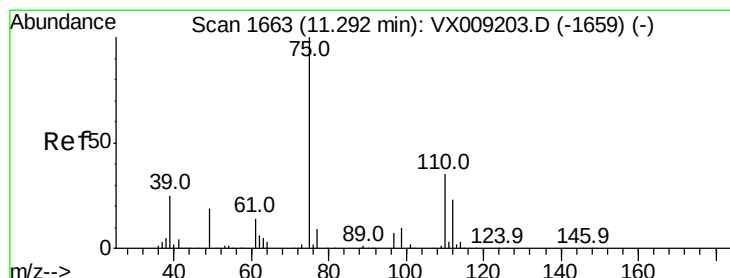
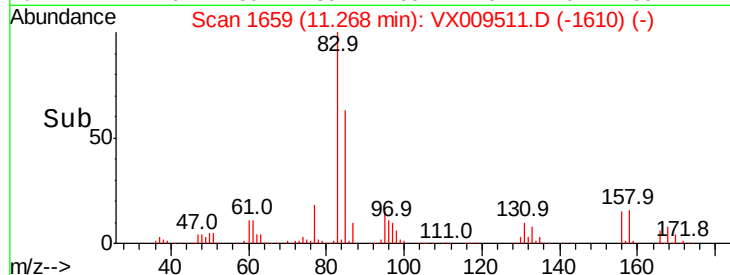
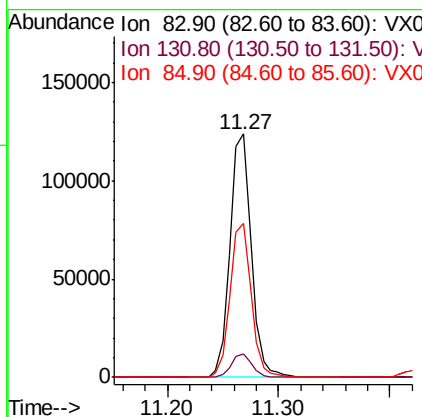
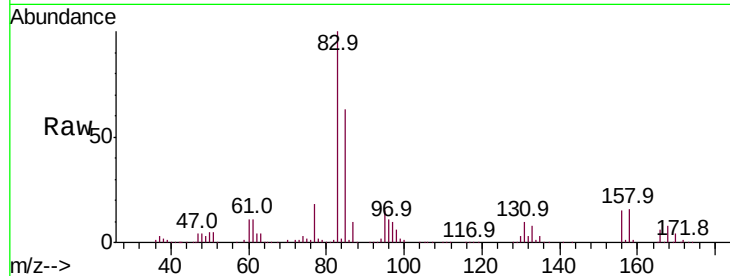
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	163466
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	63.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 53.076 ug/l m

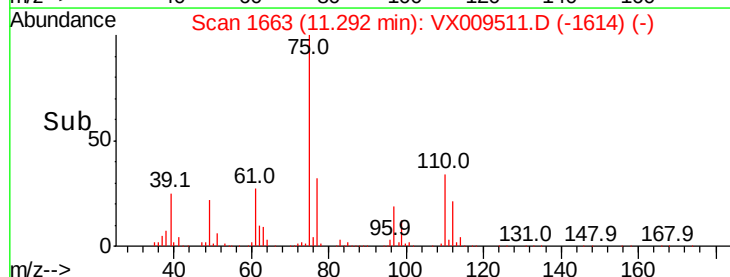
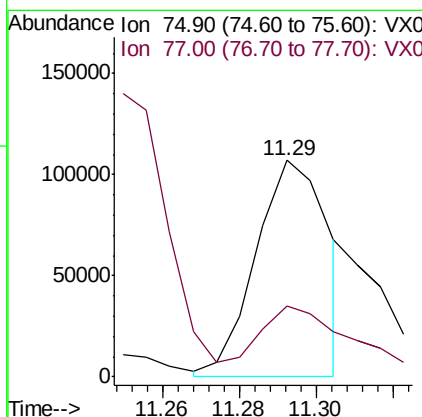
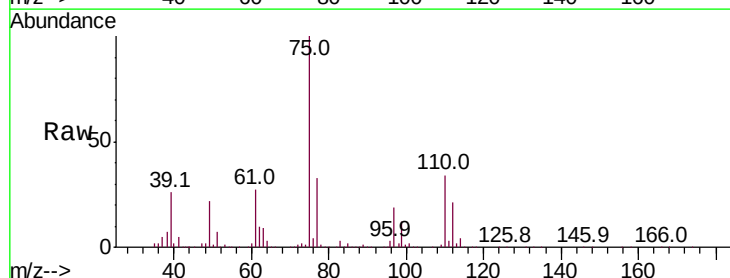
RT: 11.29 min Scan# 1663

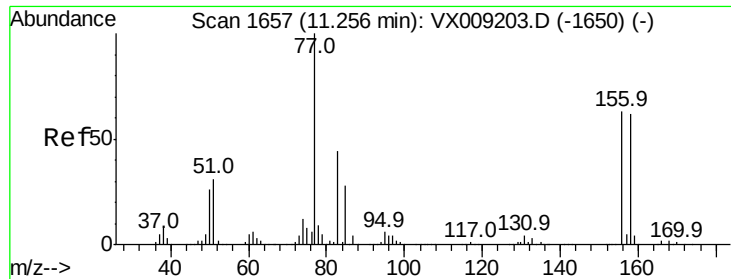
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	75	Resp:	140612
Ion Ratio	Lower	Upper	
75	100		
77	42.8	22.1	66.1





#77

Bromobenzene

Concen: 52.277 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 107764

Ion Ratio Lower Upper

156 100

77 169.5 84.8 254.3

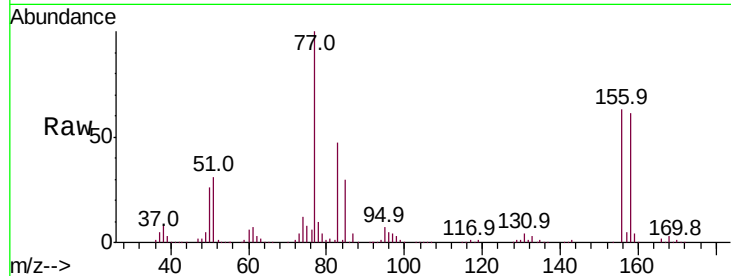
158 97.5 49.1 147.3

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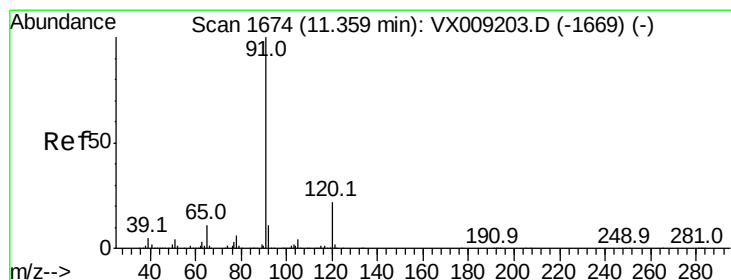
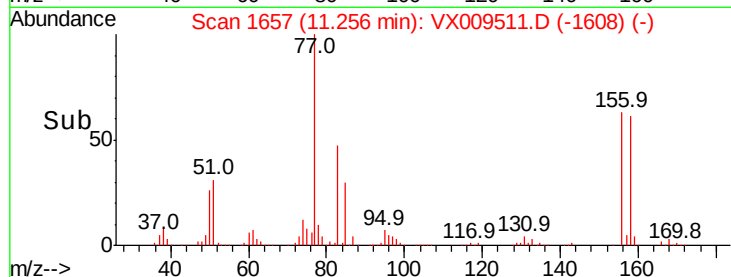
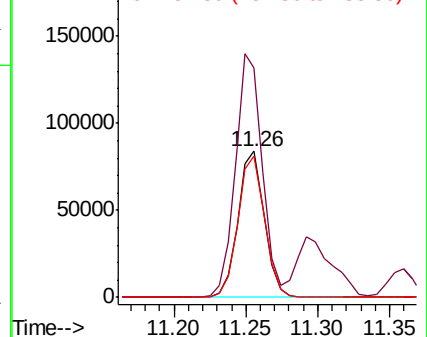
5/11/2019 11:53:12 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.980 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009511.D

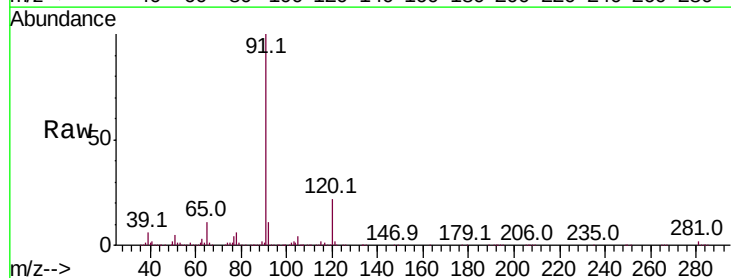
Acq: 11 May 2019 03:04

Tgt Ion: 91 Resp: 493032

Ion Ratio Lower Upper

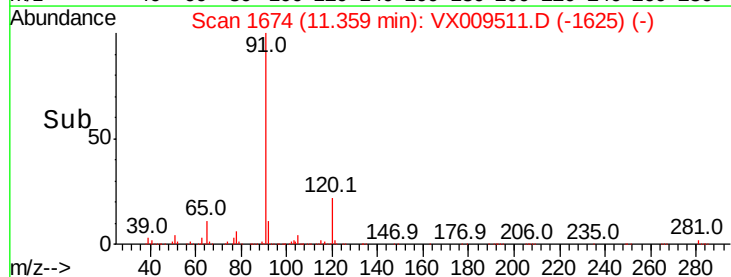
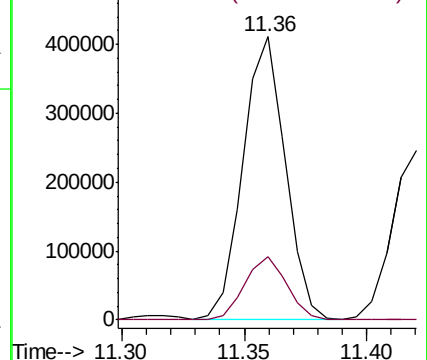
91 100

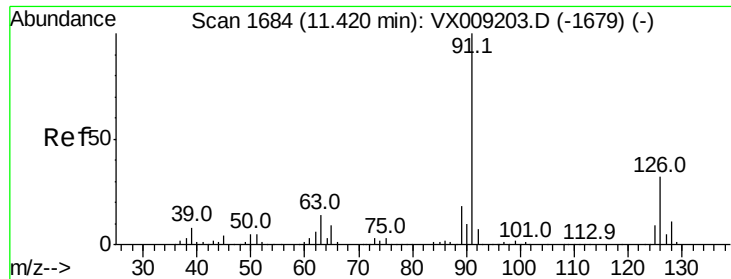
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.694 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 296650

Ion Ratio Lower Upper

91 100

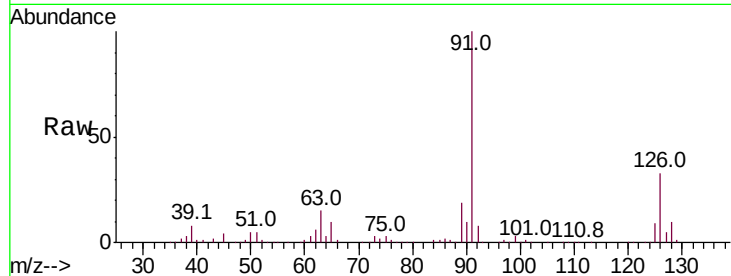
126 32.7 16.3 48.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX009511.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009511.D (-1679) (-)

400000

300000

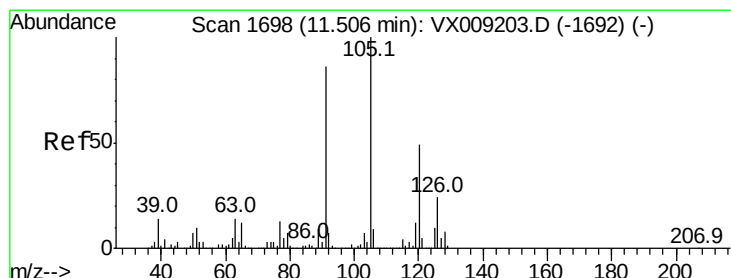
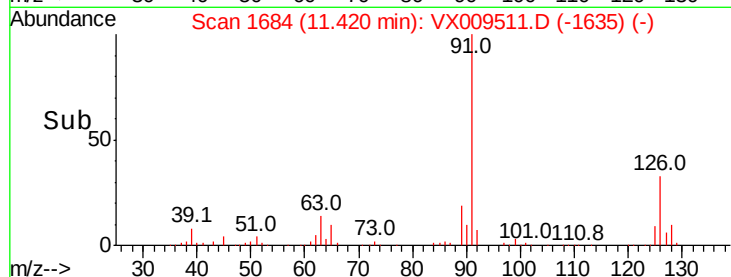
200000

100000

0

11.40 11.42 11.44

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.235 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009511.D

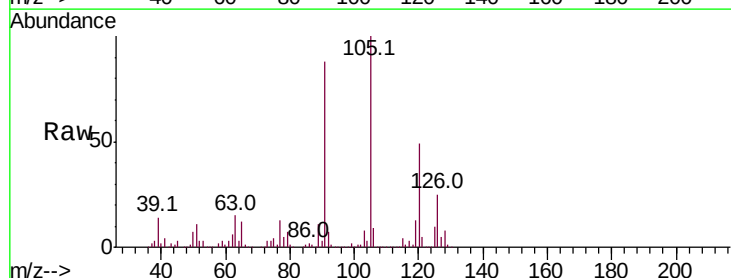
Acq: 11 May 2019 03:04

Tgt Ion: 105 Resp: 365278

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009511.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009511.D (-1692) (-)

300000

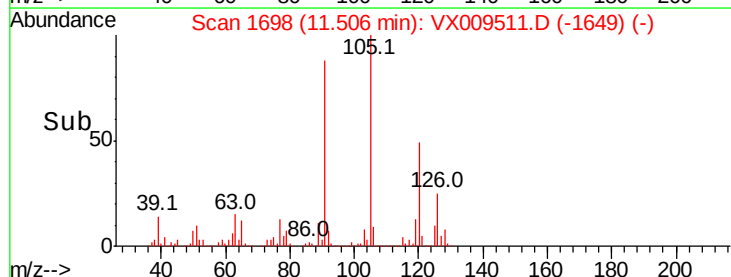
200000

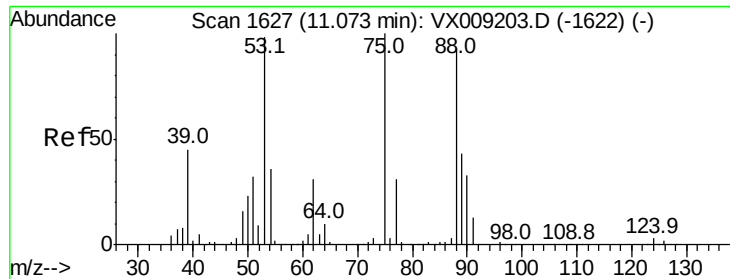
100000

0

11.45 11.50 11.55 11.60

Time-->





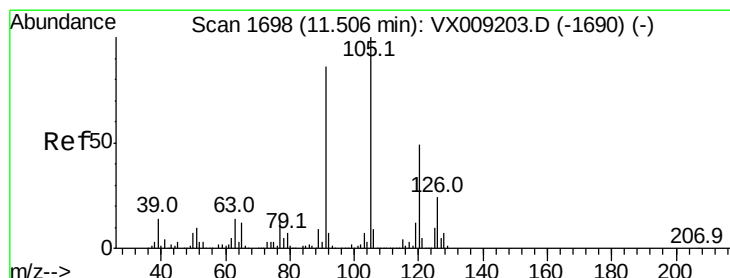
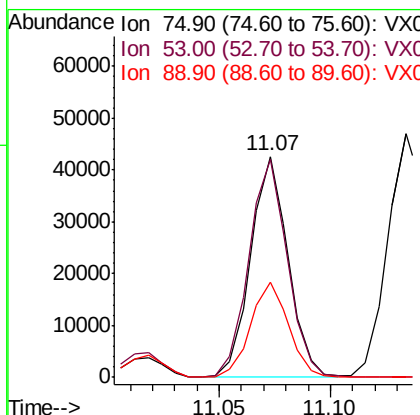
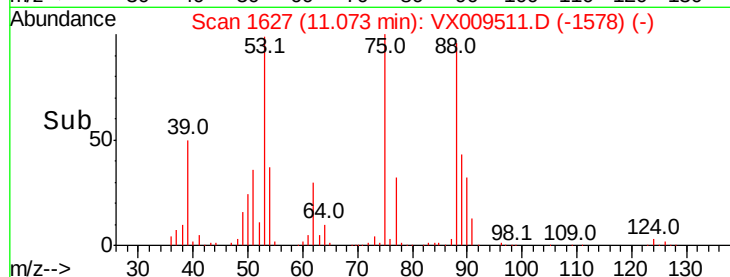
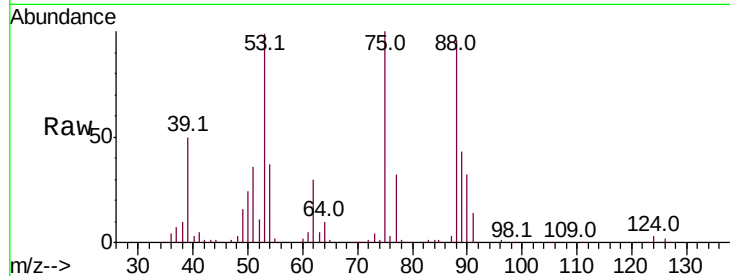
#81
trans-1,4-Dichloro-2-butene
Concen: 47.931 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 49629
Ion Ratio Lower Upper
75 100
53 101.9 79.0 118.6
89 44.2 34.7 52.1

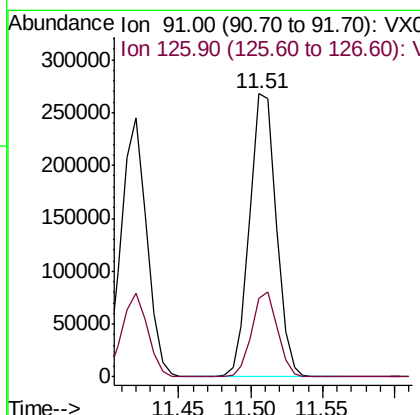
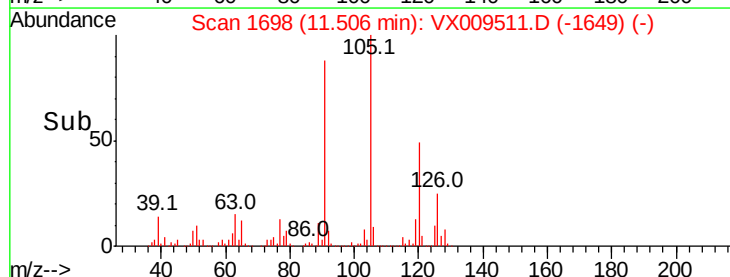
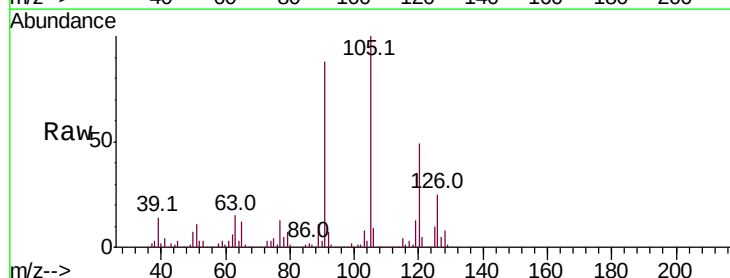
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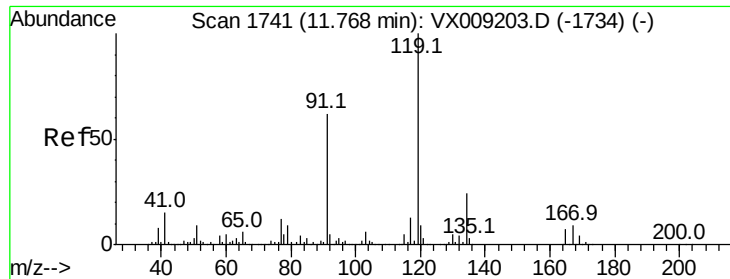
MMDadoda
5/11/2019 11:53:12 AM



#82
4-Chlorotoluene
Concen: 51.763 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion: 91 Resp: 342197
Ion Ratio Lower Upper
91 100
126 29.0 14.5 43.6





#83

tert-Butylbenzene

Concen: 51.688 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

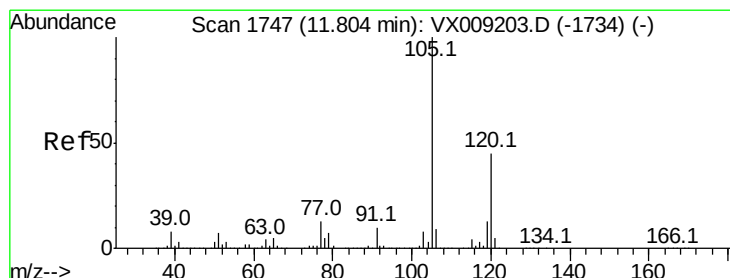
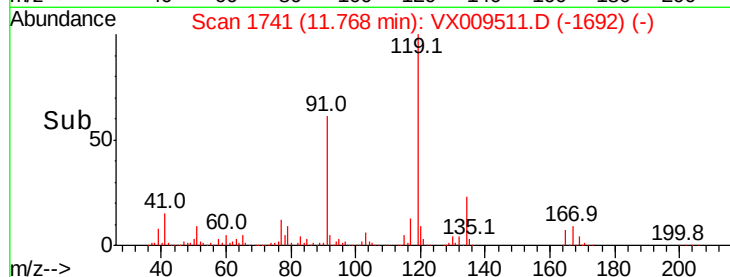
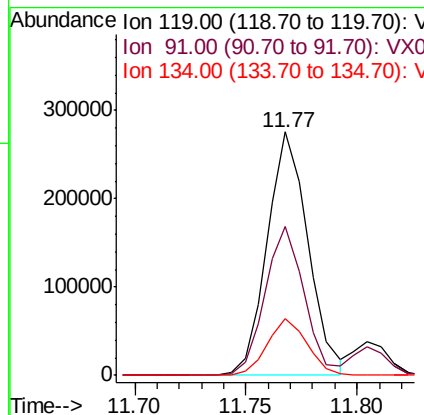
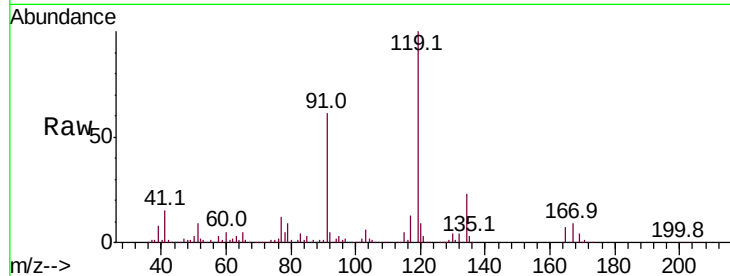
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	351624
Ion Ratio	Lower	Upper	
119	100		
91	58.9	29.5	88.5
134	22.6	11.4	34.1

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#84

1,2,4-Trimethylbenzene

Concen: 52.698 ug/l

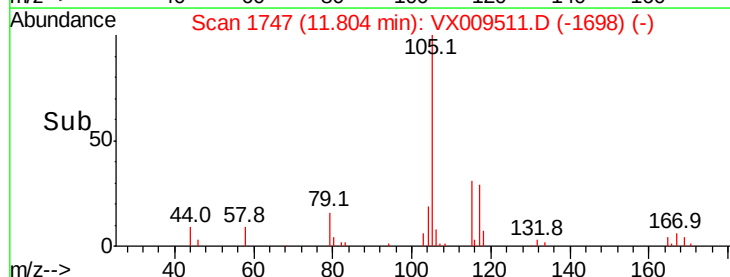
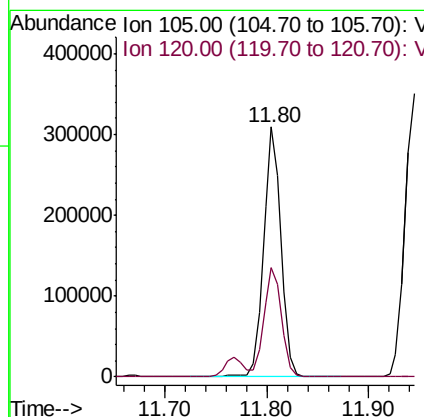
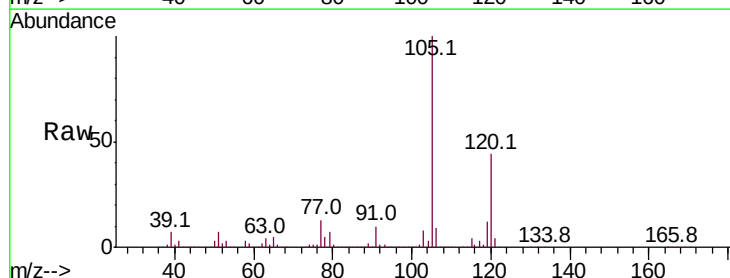
RT: 11.80 min Scan# 1747

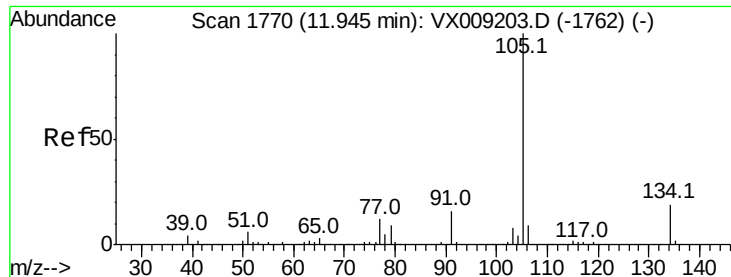
Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	105	Resp:	369902
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.0	66.0





#85

sec-Butylbenzene

Concen: 51.846 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 418151

Ion Ratio Lower Upper

105 100

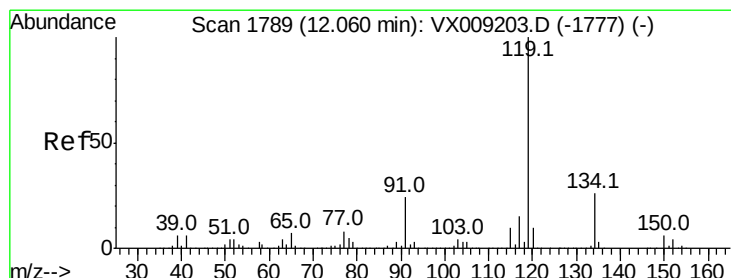
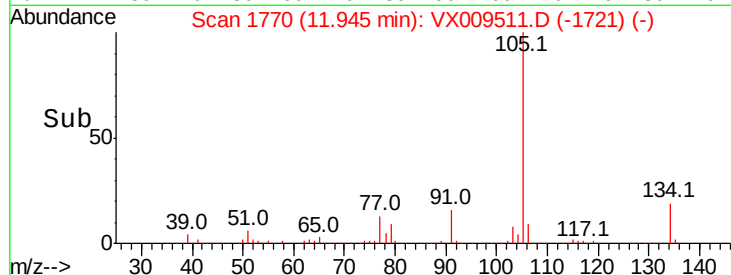
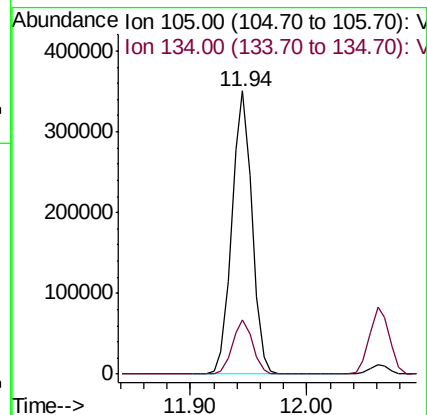
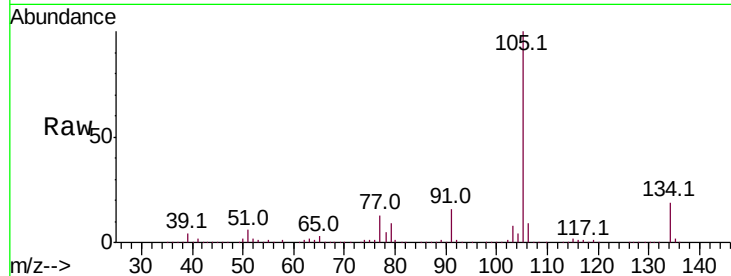
134 19.3 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 52.401 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

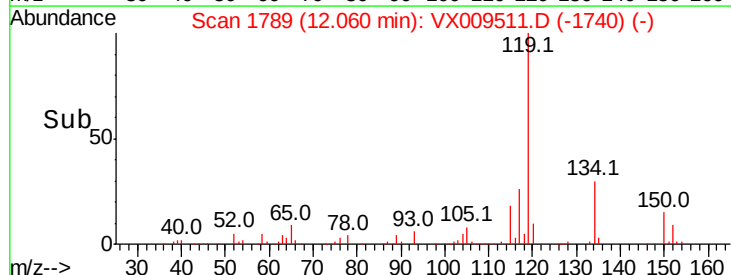
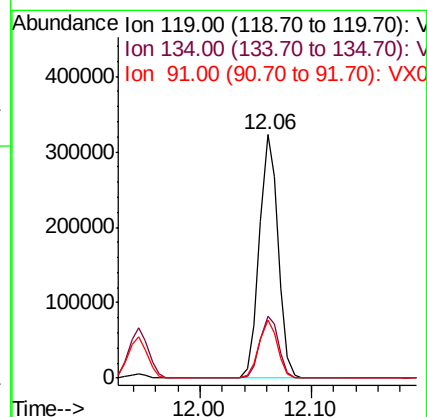
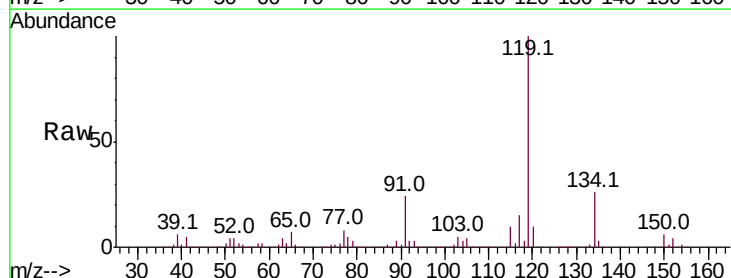
Tgt Ion:119 Resp: 379934

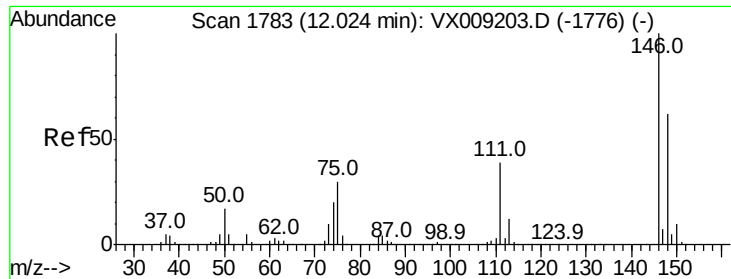
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.6 11.8 35.4





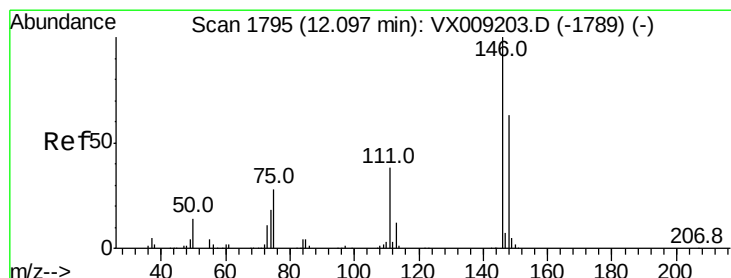
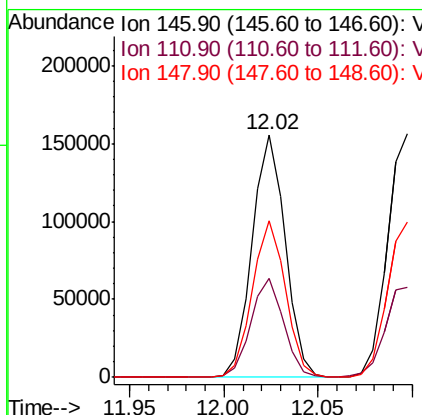
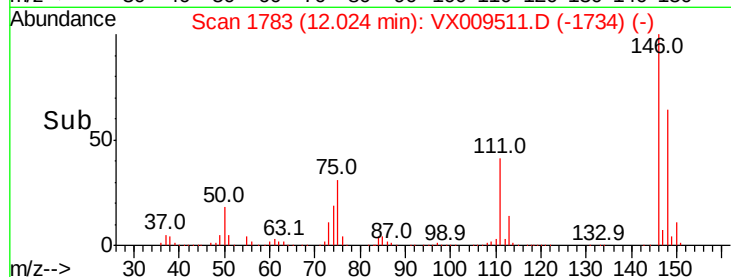
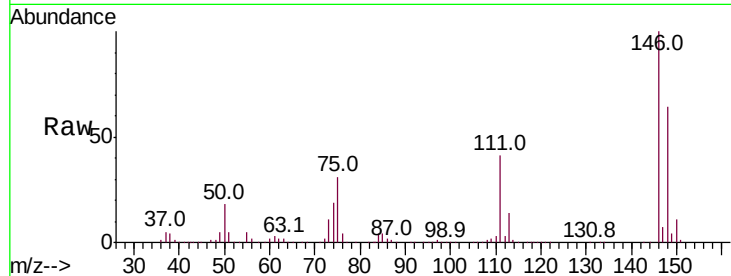
#87
 1,3-Dichlorobenzene
 Concen: 51.812 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	64.3	31.8	95.3

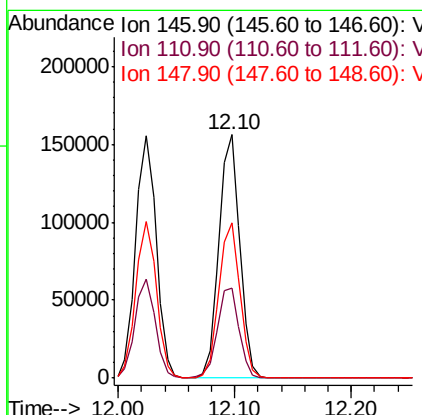
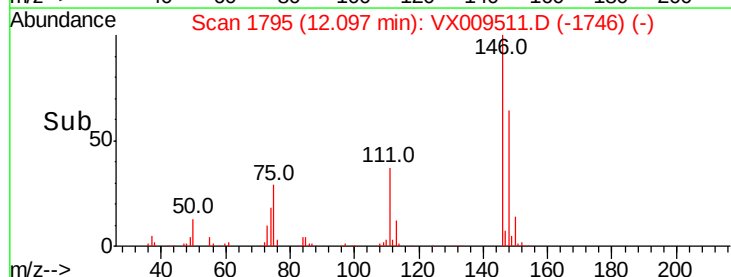
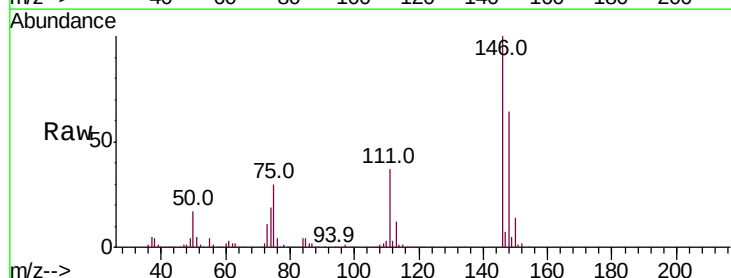
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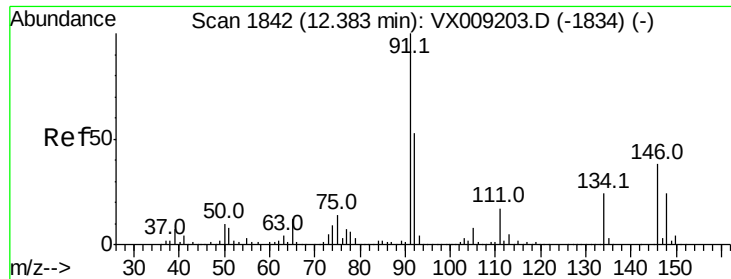
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#88
 1,4-Dichlorobenzene
 Concen: 51.824 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.8
148	64.4	31.8	95.3





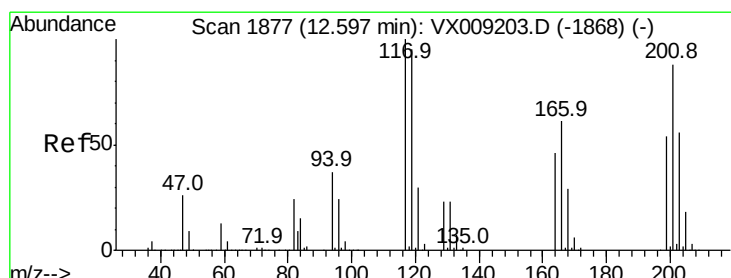
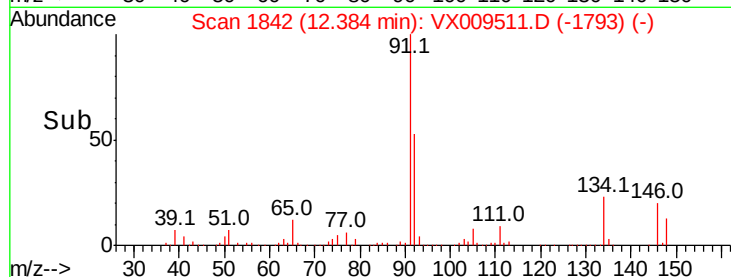
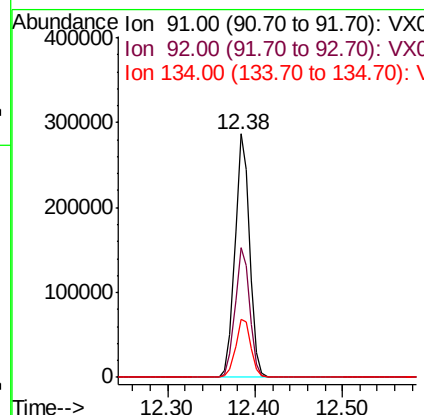
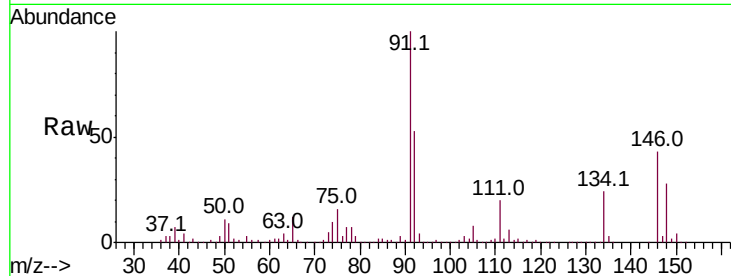
#89
n-Butylbenzene
Concen: 50.995 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.5
134	24.9	12.4	37.2

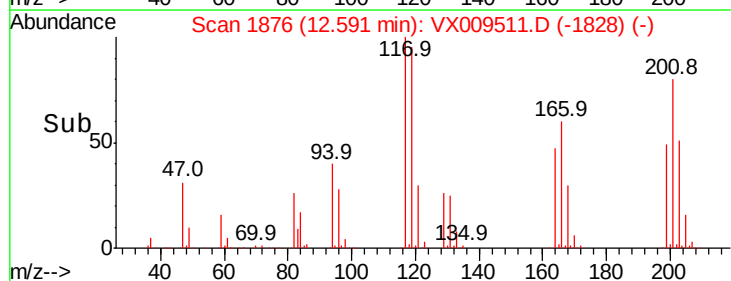
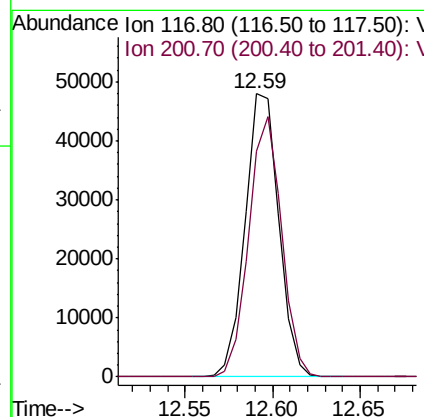
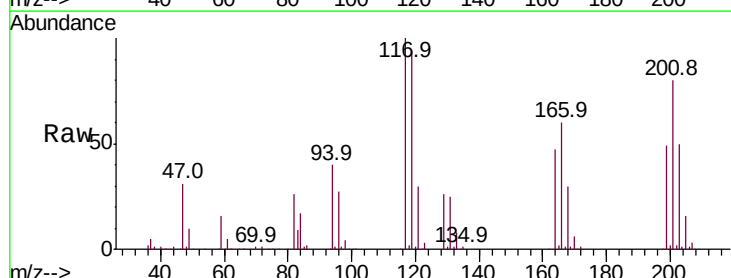
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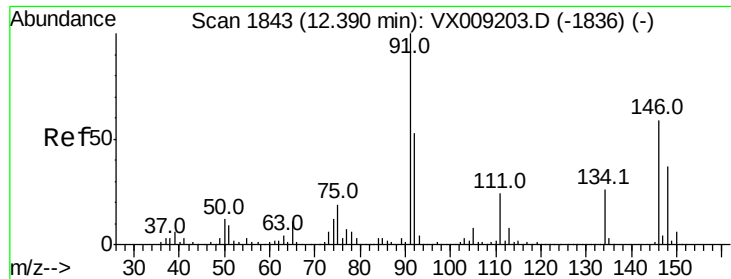
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5/11/2019 11:53:12 AM



#90
Hexachloroethane
Concen: 51.970 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009511.D
Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	42.3	126.9





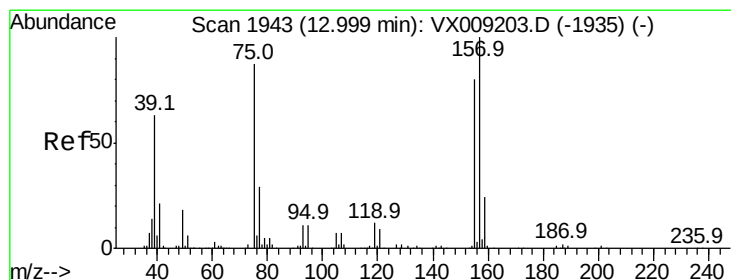
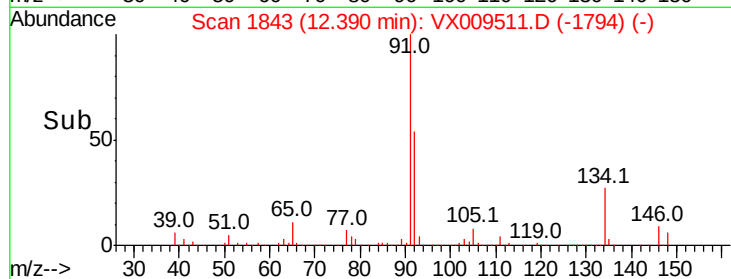
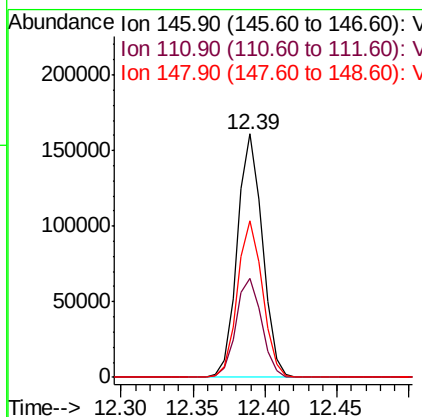
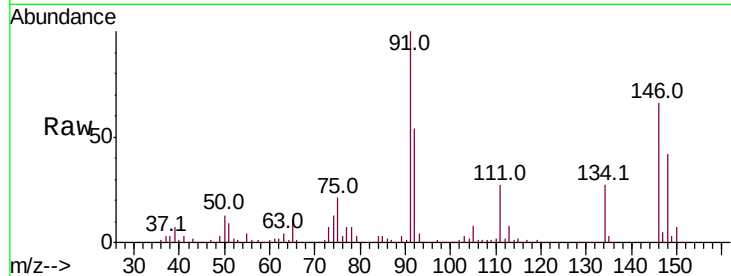
#91
 1,2-Dichlorobenzene
 Concen: 52.240 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	195533		
111	41.5	20.8	62.4	
148	64.3	31.9	95.9	

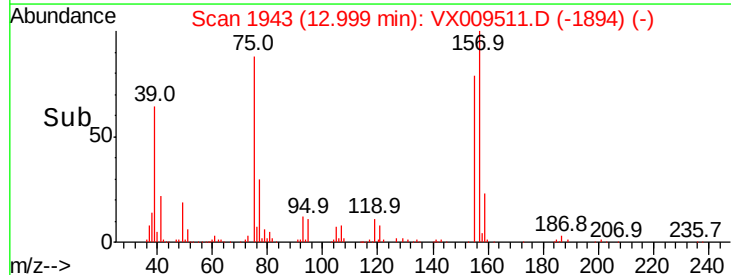
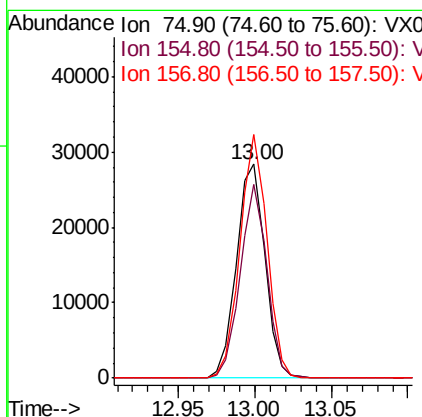
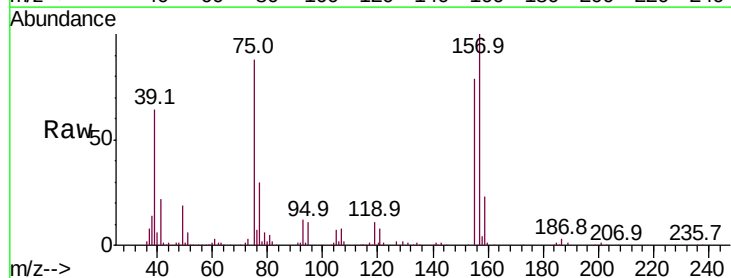
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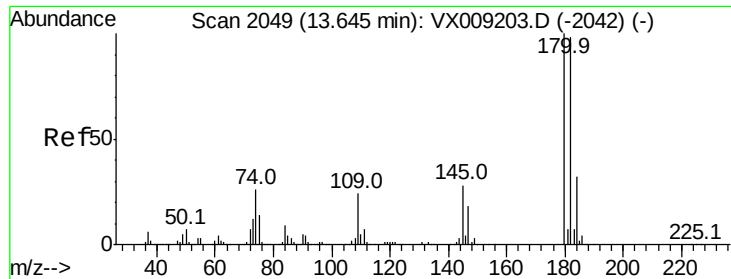
MMDadoda
 5/11/2019 11:53:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.900 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36741		
155	84.1	42.0	126.0	
157	107.9	53.2	159.6	





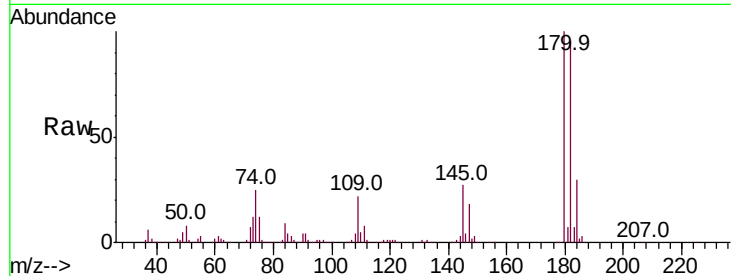
#93
 1,2,4-Trichlorobenzene
 Concen: 52.530 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

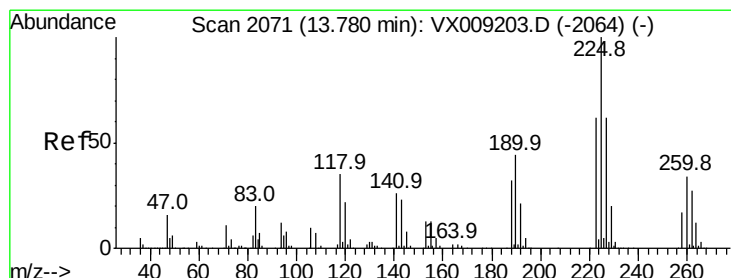
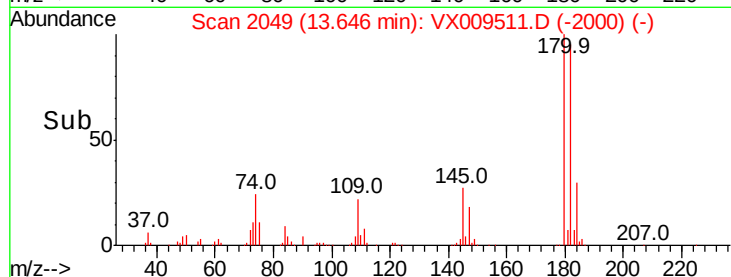
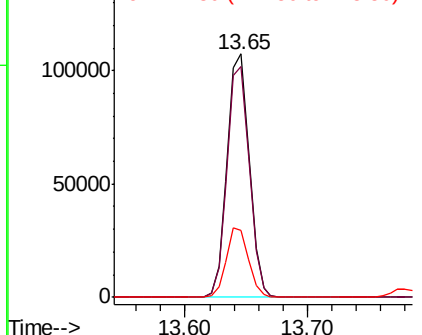
Tot Ion	Ratio	Resp	Lower	Upper
180	100	134454		
182	95.4	48.4	145.2	
145	28.5	14.6	43.8	

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:53:12 AM

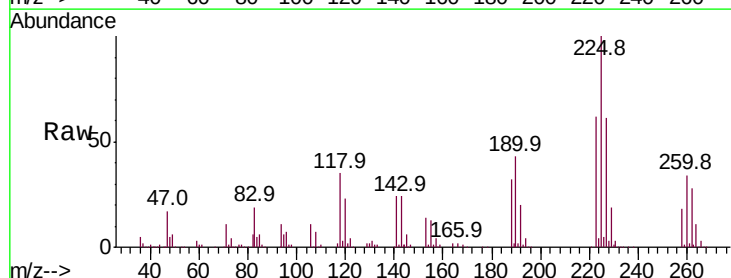


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

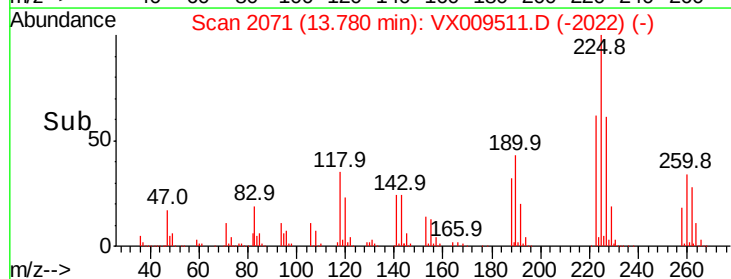
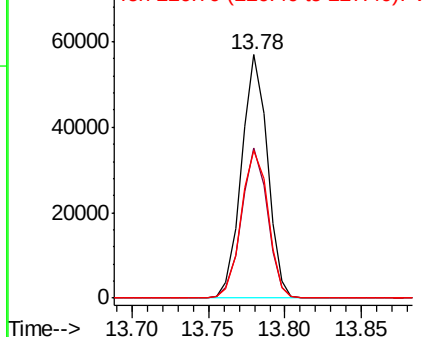


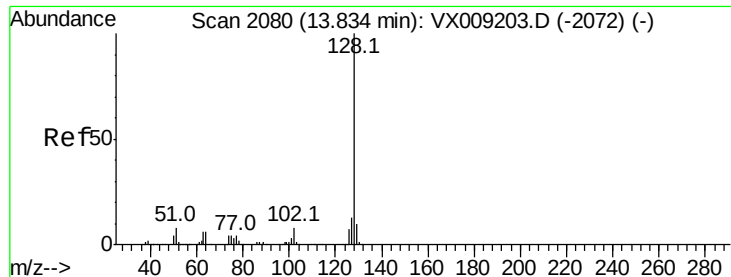
#94
 Hexachlorobutadiene
 Concen: 51.228 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009511.D
 Acq: 11 May 2019 03:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66958		
223	61.8	31.3	93.8	
227	63.2	31.8	95.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.581 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Instrument :

MSVOA_X

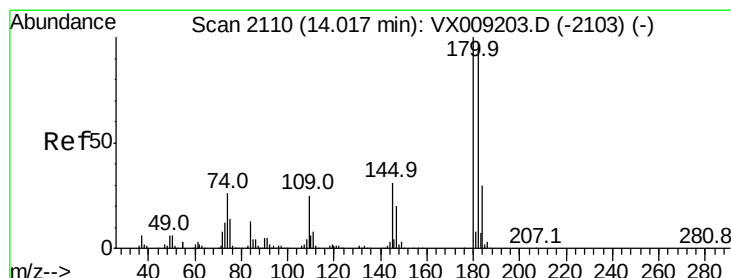
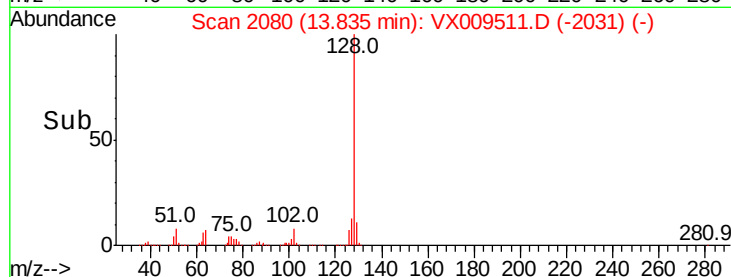
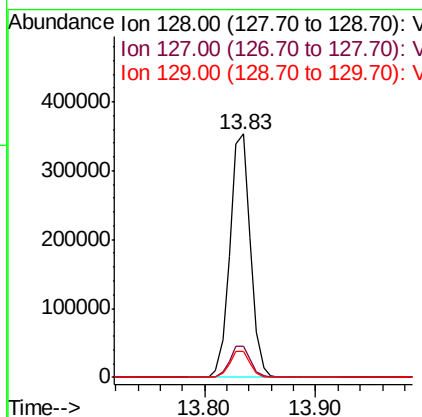
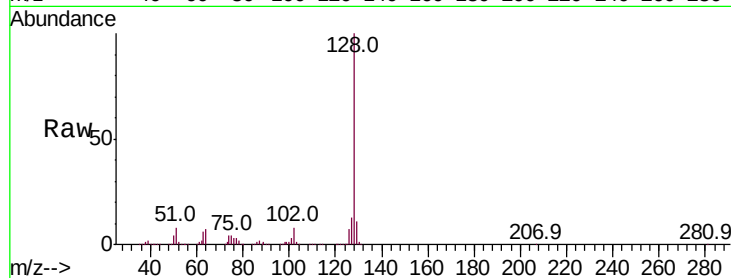
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	446185
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:53:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.088 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009511.D

Acq: 11 May 2019 03:04

Tgt Ion:	180	Resp:	137738
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.8	143.4
145	29.9	15.4	46.4

