

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011132.D
 Acq On : 27 Jul 2019 08:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 10:21:41 AM

Quant Time: Jul 29 03:53:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	139501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100117	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	5.49	113	90322	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	329961	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	128693	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88548	46.676	ug/l	98
3) Chloromethane	1.32	50	80851	49.379	ug/l	100
4) Vinyl Chloride	1.41	62	85400	51.135	ug/l	98
5) Bromomethane	1.64	94	42825	45.504	ug/l	99
6) Chloroethane	1.71	64	54463	51.316	ug/l	97
7) Trichlorofluoromethane	1.92	101	150861	53.363	ug/l	98
8) Diethyl Ether	2.19	74	52303	53.697	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80071	49.605	ug/l	99
10) Methyl Iodide	2.51	142	104328	49.252	ug/l	100
11) Tert butyl alcohol	3.06	59	116908	265.014	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81957	51.677	ug/l	96
13) Acrolein	2.29	56	56561	221.917	ug/l	98
14) Allyl chloride	2.73	41	114942	49.896	ug/l	99
15) Acrylonitrile	3.14	53	243838	273.543	ug/l	99
16) Acetone	2.45	43	206317	241.163	ug/l	96
17) Carbon Disulfide	2.57	76	175040	43.027	ug/l	99
18) Methyl Acetate	2.78	43	120525	61.871	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	277977	54.447	ug/l	98
20) Methylene Chloride	2.85	84	93525	51.586	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	85041	50.536	ug/l	91
22) Diisopropyl ether	3.85	45	263069	54.146	ug/l	98
23) Vinyl Acetate	3.81	43	1092399	265.364	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150427	53.312	ug/l	99
25) 2-Butanone	4.67	43	332698	270.911	ug/l	99
26) 2,2-Dichloropropane	4.58	77	68468	29.553	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	101088	51.906	ug/l	95
28) Bromochloromethane	5.01	49	68631	51.616	ug/l	100
29) Tetrahydrofuran	5.13	42	214933	276.296	ug/l	99
30) Chloroform	5.21	83	163585	53.637	ug/l	100
31) Cyclohexane	5.58	56	126212	49.074	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	142296	53.929	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115015	50.194	ug/l	98
37) Ethyl Acetate	4.84	43	124780	53.180	ug/l	99
38) Carbon Tetrachloride	5.79	117	123165	51.582	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134446	45.245	ug/l	97
40) Benzene	6.14	78	352778	50.259	ug/l	100
41) Methacrylonitrile	5.04	41	69226	51.972	ug/l	97
42) 1,2-Dichloroethane	6.19	62	126200	51.710	ug/l	99
43) Isopropyl Acetate	6.45	43	200497	51.968	ug/l	99
44) Trichloroethene	7.21	130	101372	48.791	ug/l	95
45) 1,2-Dichloropropane	7.51	63	91637	51.294	ug/l	99
46) Dibromomethane	7.66	93	66594	52.166	ug/l	99
47) Bromodichloromethane	7.90	83	120697	53.114	ug/l	98
48) Methyl methacrylate	7.77	41	98701	52.515	ug/l	98
49) 1,4-Dioxane	7.74	88	54575	1038.070	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	692318	276.819	ug/l	99
52) Toluene	8.78	92	233121	50.557	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	120164	49.179	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	130414	47.966	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98983	52.135	ug/l	98
56) Ethyl methacrylate	9.18	69	152141	54.783	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156695	52.026	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	355459	268.126	ug/l	100
59) 2-Hexanone	9.49	43	536795	276.727	ug/l	100
60) Dibromochloromethane	9.58	129	106620	48.856	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107032	53.120	ug/l	99
64) Tetrachloroethene	9.34	164	96439	47.201	ug/l	96
65) Chlorobenzene	10.13	112	265363	49.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97779	52.154	ug/l	99
67) Ethyl Benzene	10.25	91	460606	50.728	ug/l	100
68) m/p-Xylenes	10.35	106	354257	101.712	ug/l	100
69) o-Xylene	10.69	106	174998	51.482	ug/l	99
70) Styrene	10.71	104	303701	53.596	ug/l	100
71) Bromoform	10.85	173	80755	47.444	ug/l #	100
73) Isopropylbenzene	11.02	105	474340	50.322	ug/l	99
74) N-amyl acetate	10.90	43	191079	53.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161352	52.307	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	133893m	53.188	ug/l	
77) Bromobenzene	11.25	156	129447	49.787	ug/l	99
78) n-propylbenzene	11.36	91	525788	50.484	ug/l	99
79) 2-Chlorotoluene	11.42	91	314434	50.257	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	400538	50.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38502	39.645	ug/l	95
82) 4-Chlorotoluene	11.51	91	365714	50.222	ug/l	100
83) tert-Butylbenzene	11.77	119	399108	51.587	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	403826	50.868	ug/l	99
85) sec-Butylbenzene	11.94	105	465799	51.383	ug/l	99
86) p-Isopropyltoluene	12.06	119	426967	50.946	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	230608	51.108	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	228810	49.444	ug/l	99
89) n-Butylbenzene	12.38	91	361671	50.442	ug/l	100
90) Hexachloroethane	12.59	117	69528	52.598	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	229868	51.403	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35527	55.097	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156912	51.775	ug/l	99
94) Hexachlorobutadiene	13.78	225	73207	48.745	ug/l	99
95) Naphthalene	13.83	128	511379	57.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160138	53.106	ug/l	98

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

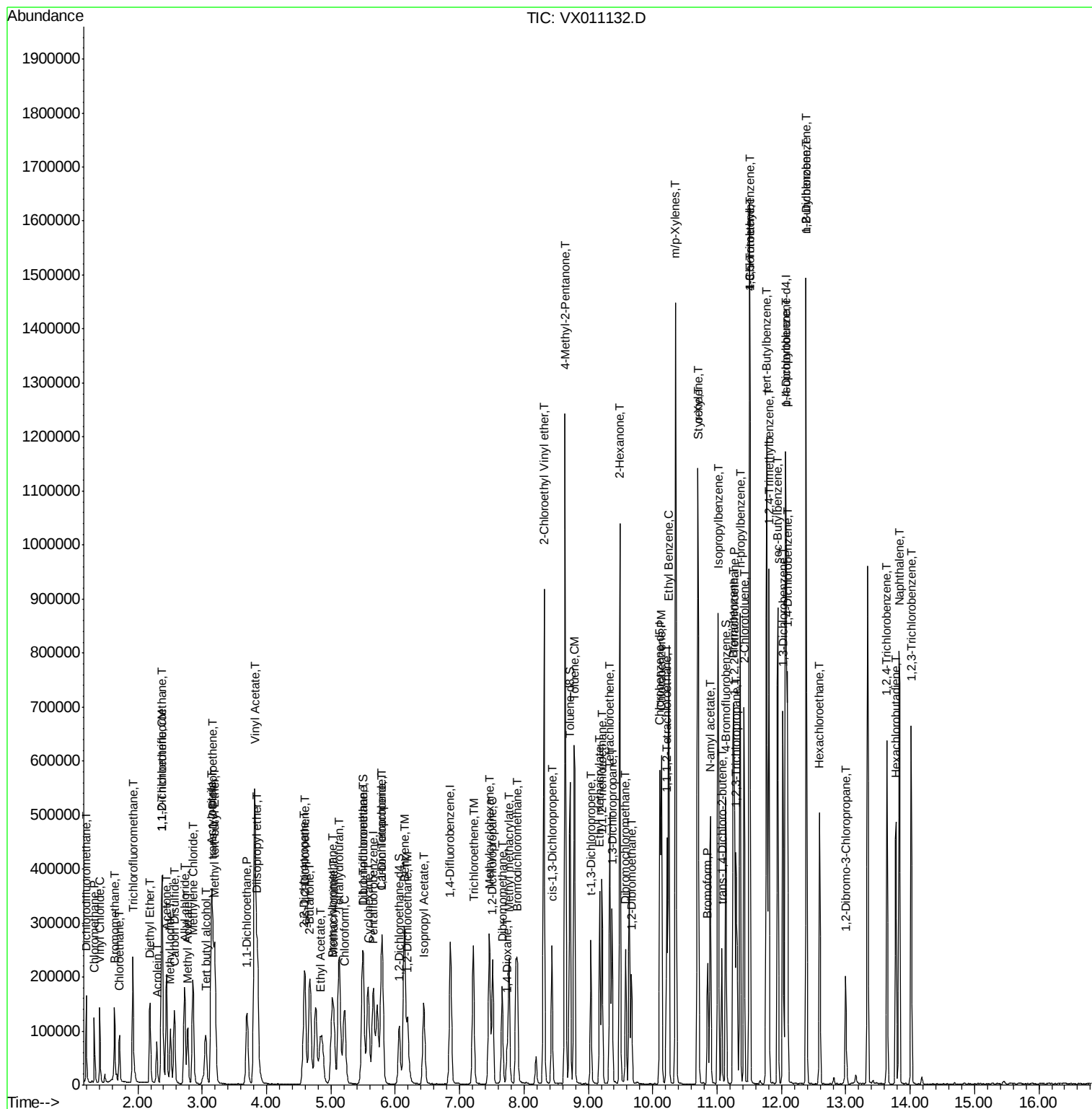
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011132.D
 Acq On : 27 Jul 2019 08:33
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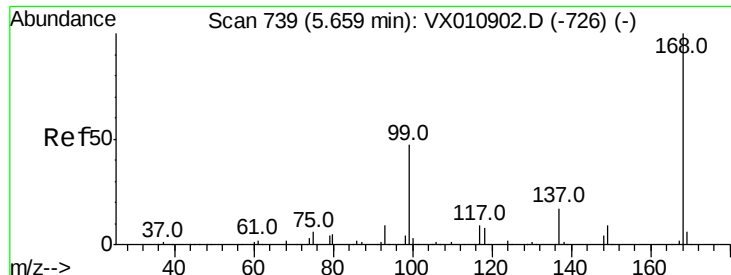
Instrument :
 MSVOA_X
 ClientSampleID :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 178051

Ion Ratio Lower Upper

168 100

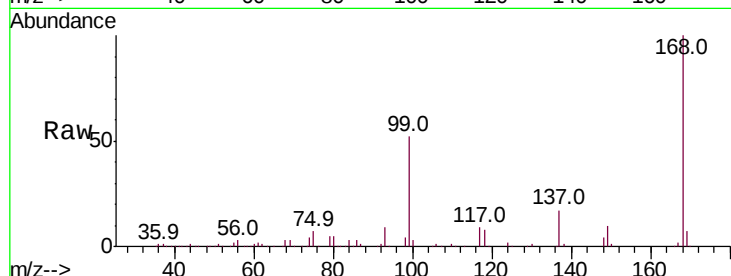
99 52.2 37.6 56.4

Manual Integrations

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7/29/2019 10:21:41 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

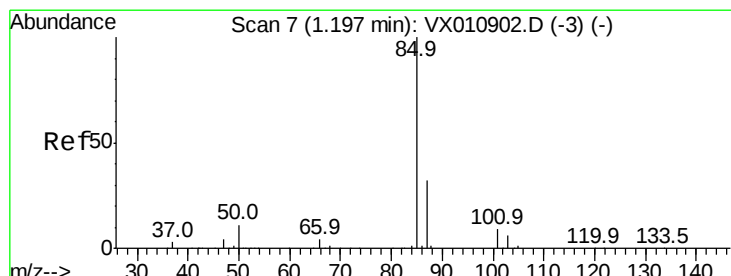
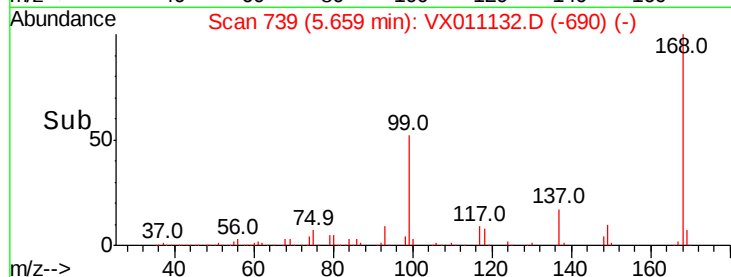
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.676 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011132.D

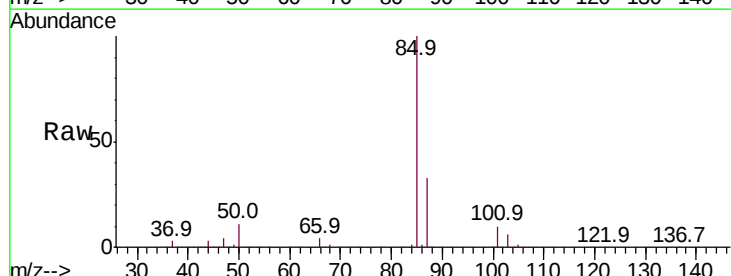
Acq: 27 Jul 2019 08:33

Tgt Ion: 85 Resp: 88548

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

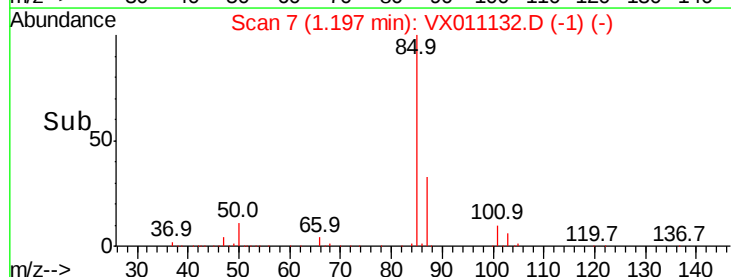
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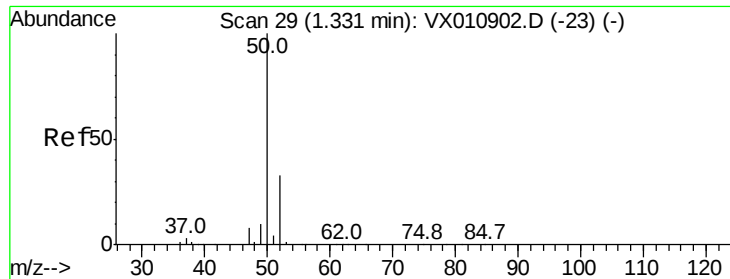
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.379 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 80851

Ion Ratio Lower Upper

50 100

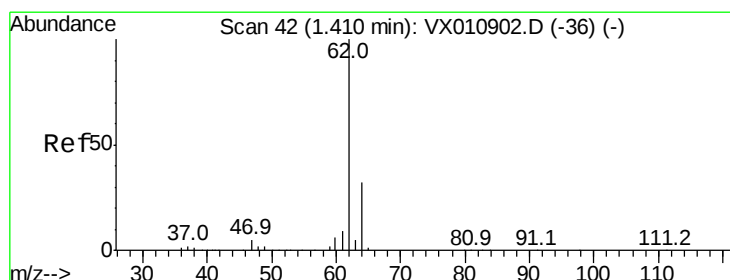
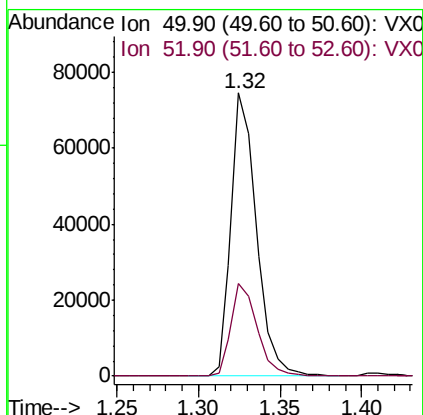
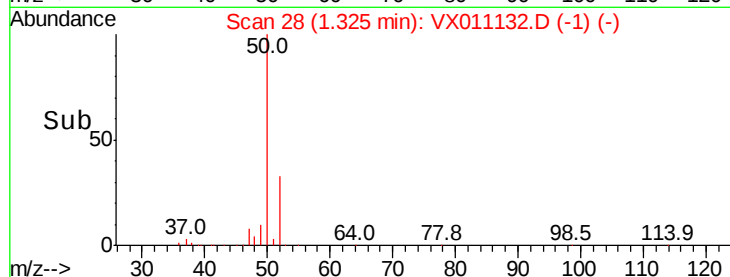
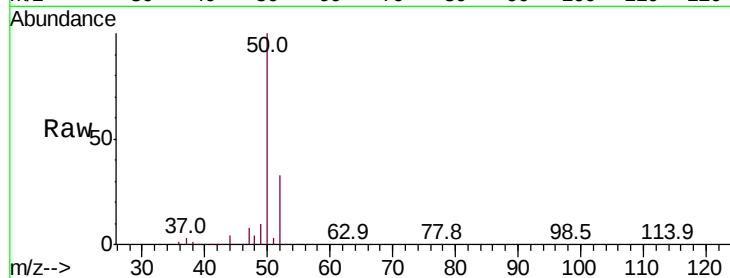
52 32.7 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.135 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011132.D

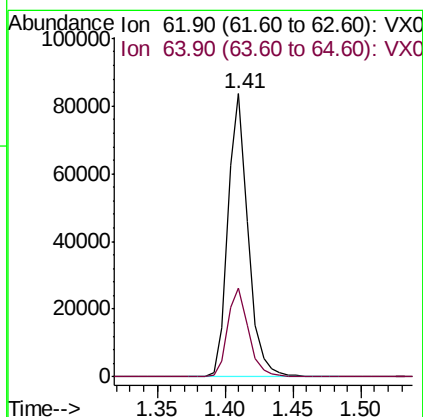
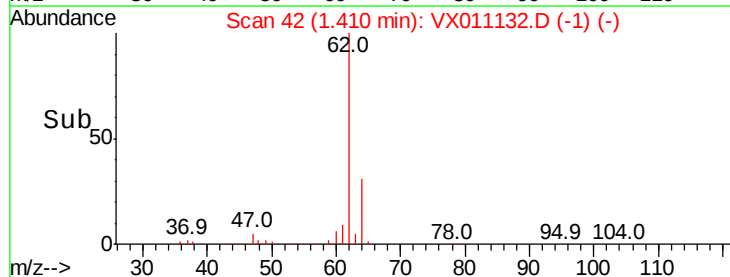
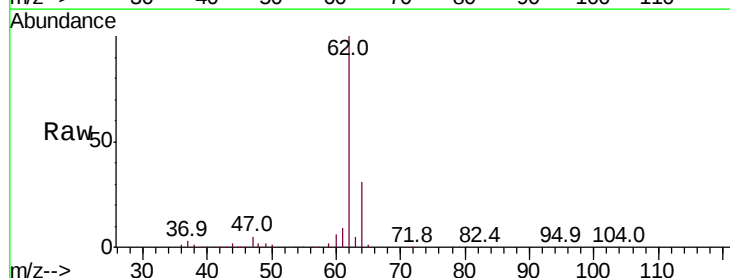
Acq: 27 Jul 2019 08:33

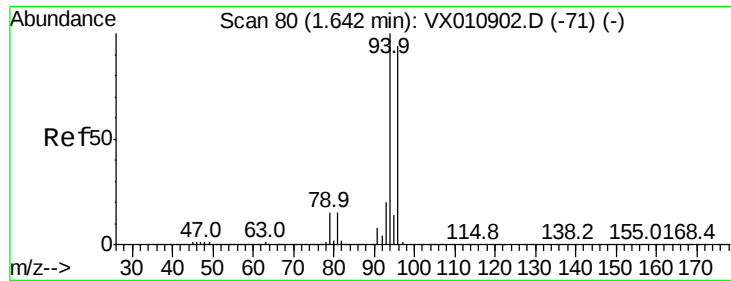
Tgt Ion: 62 Resp: 85400

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 45.504 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 42825

Ion Ratio Lower Upper

94 100

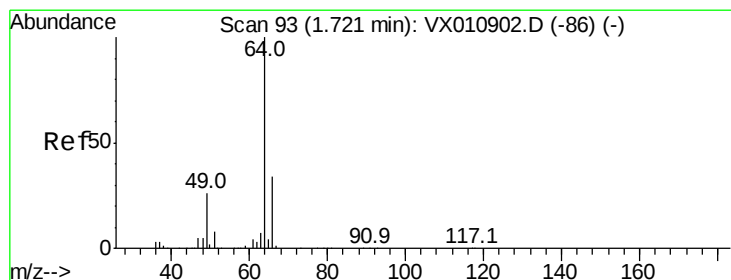
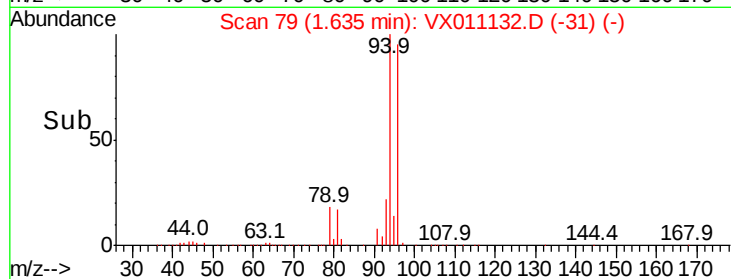
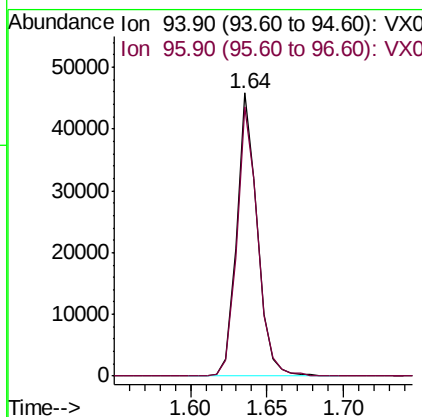
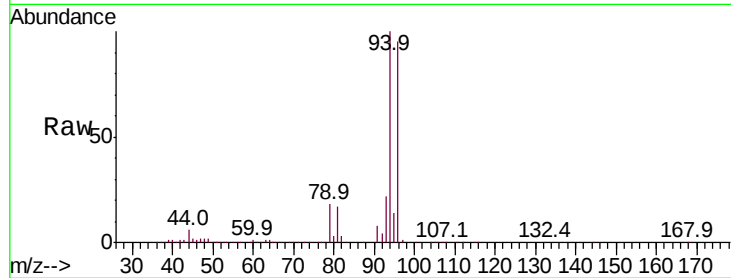
96 95.1 75.6 113.4

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#6

Chloroethane

Concen: 51.316 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011132.D

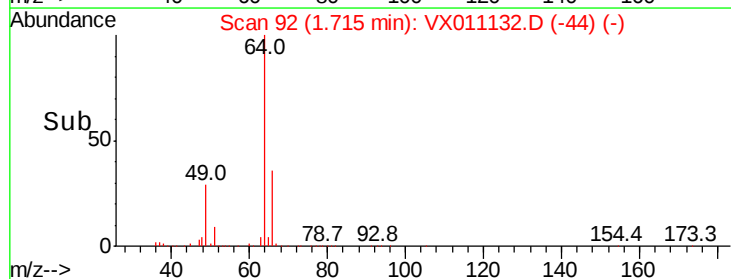
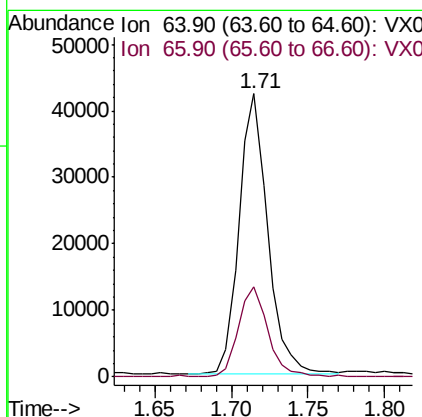
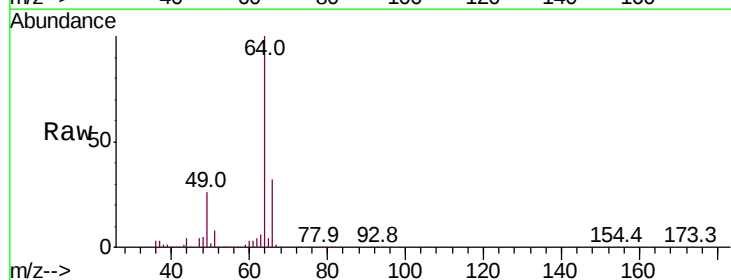
Acq: 27 Jul 2019 08:33

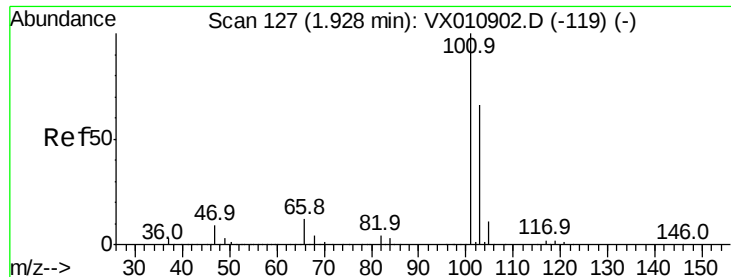
Tgt Ion: 64 Resp: 54463

Ion Ratio Lower Upper

64 100

66 31.8 27.0 40.6





#7

Trichlorofluoromethane

Concen: 53.363 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 150861

Ion Ratio Lower Upper

101 100

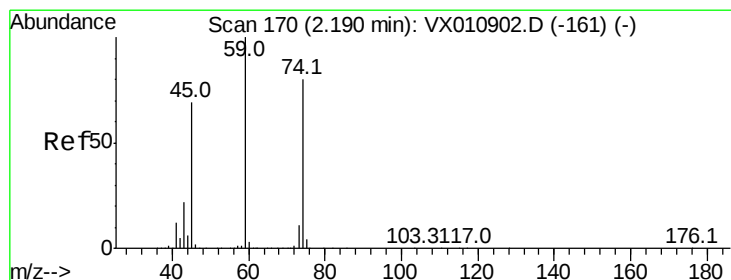
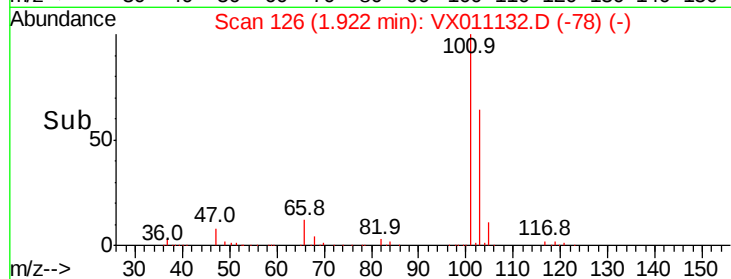
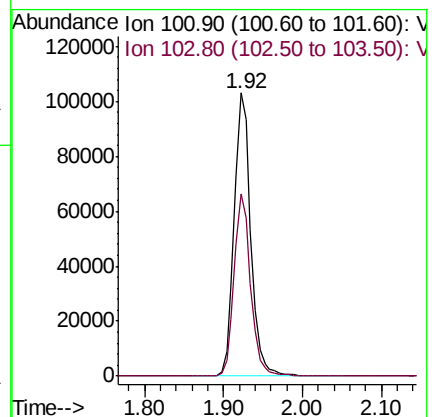
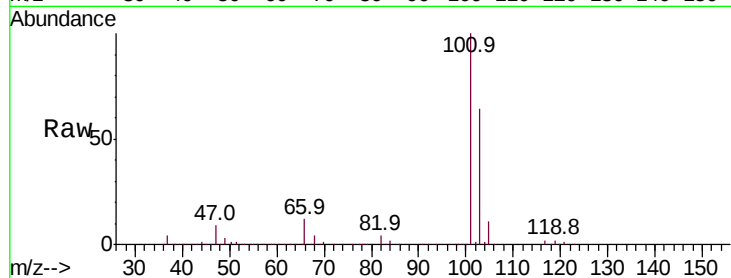
103 64.4 52.6 78.8

Manual Integrations

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7/29/2019 10:21:41 AM



#8

Diethyl Ether

Concen: 53.697 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX011132.D

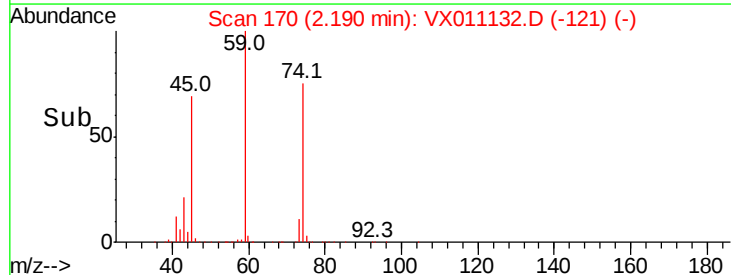
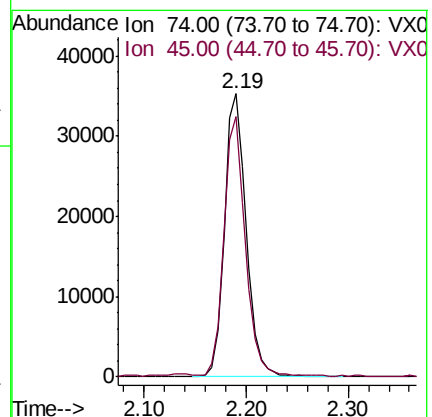
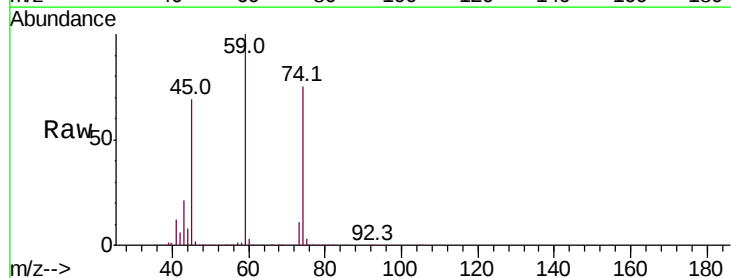
Acq: 27 Jul 2019 08:33

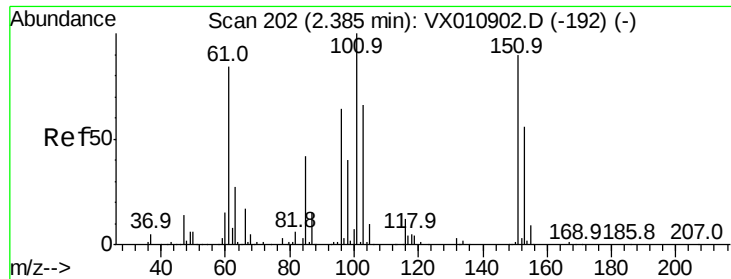
Tgt Ion: 74 Resp: 52303

Ion Ratio Lower Upper

74 100

45 91.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.605 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

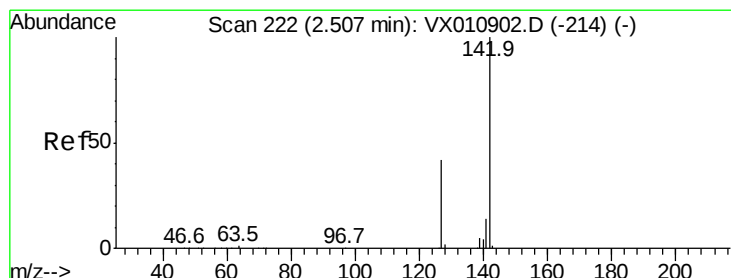
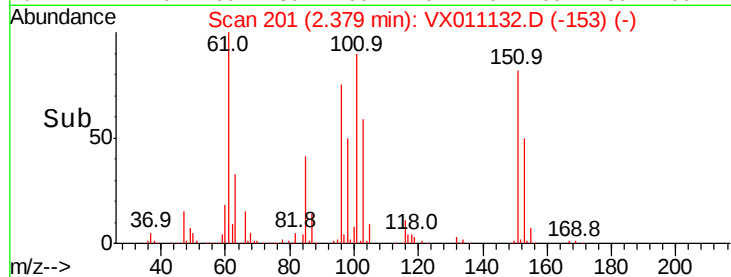
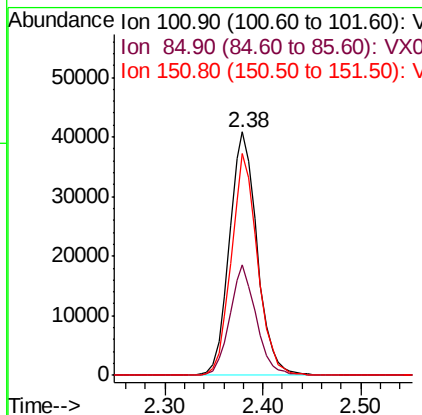
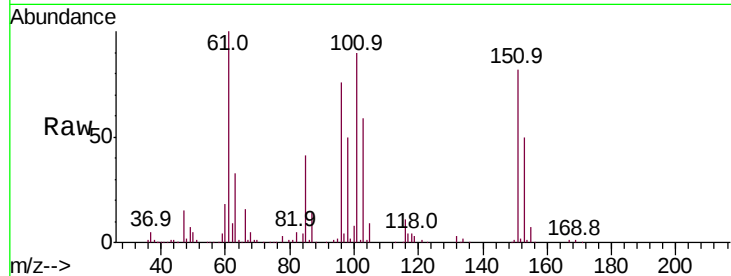
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	80071
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	52.0
151	86.4	69.6	104.4

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#10

Methyl Iodide

Concen: 49.252 ug/l

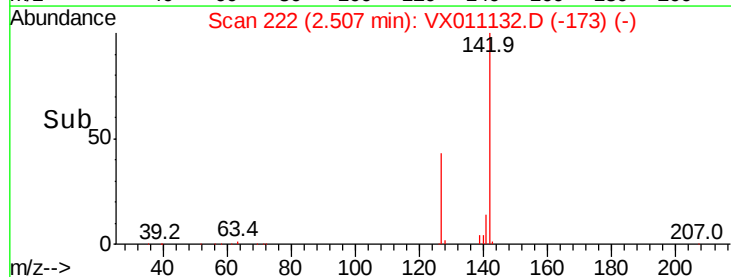
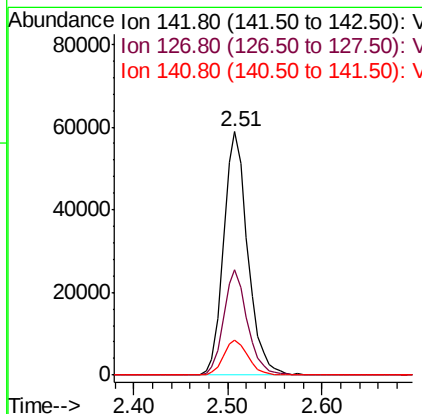
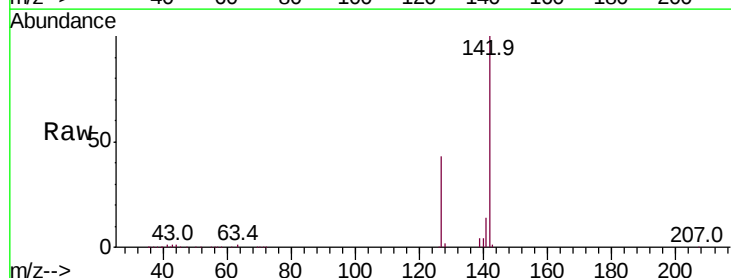
RT: 2.51 min Scan# 222

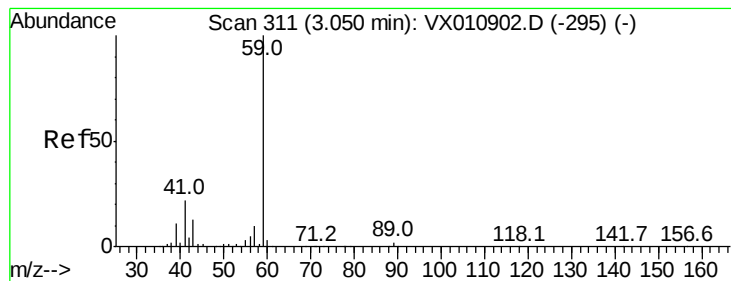
Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion:	142	Resp:	104328
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.2	51.4
141	14.6	11.7	17.5





#11

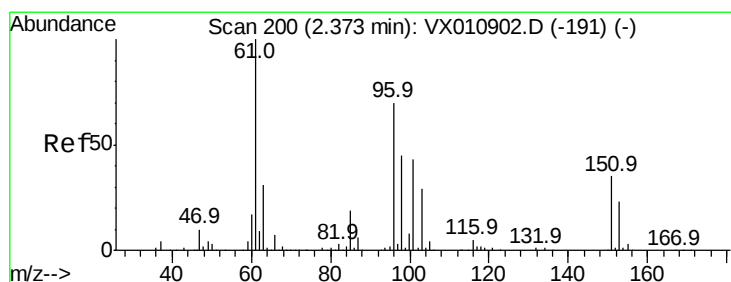
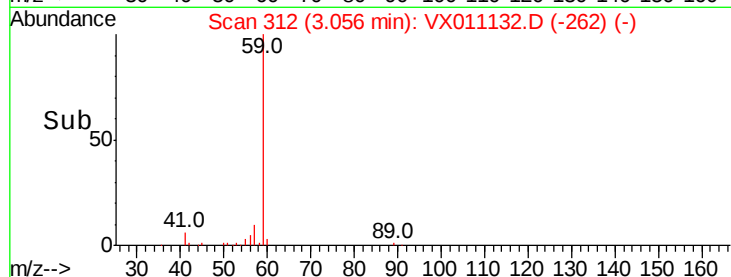
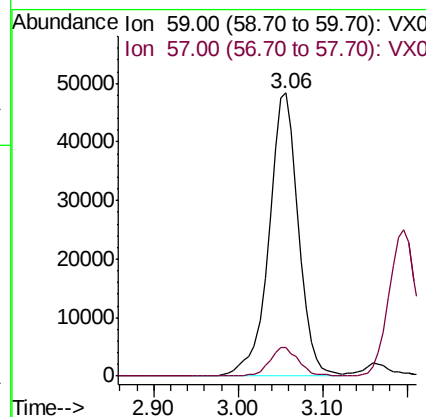
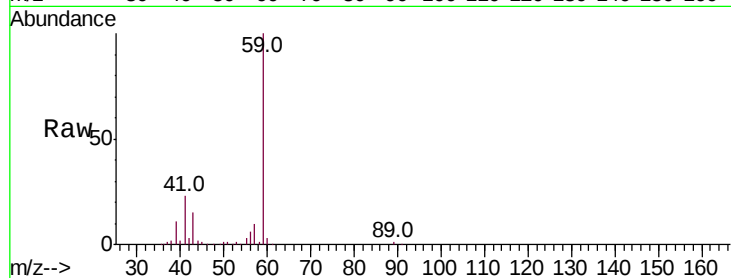
Tert butyl alcohol
Concen: 265.014 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 116908
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

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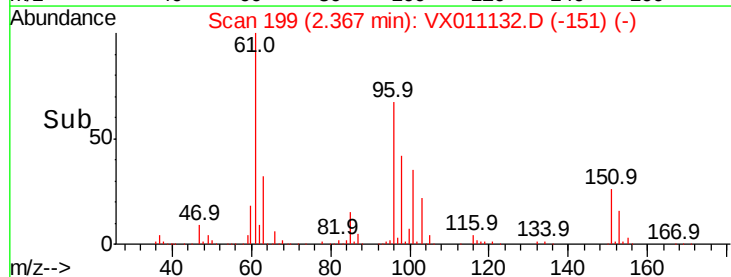
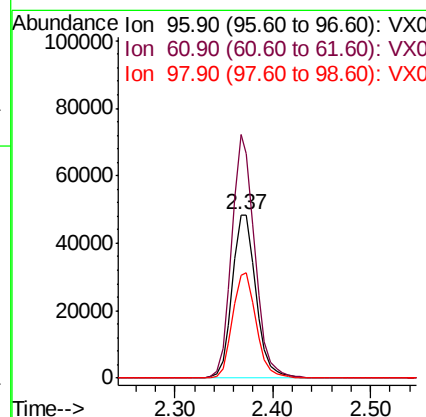
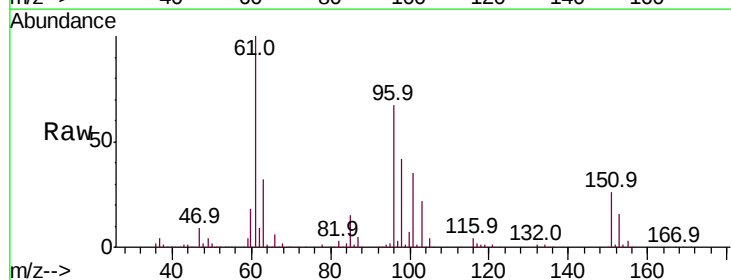
MMDadoda
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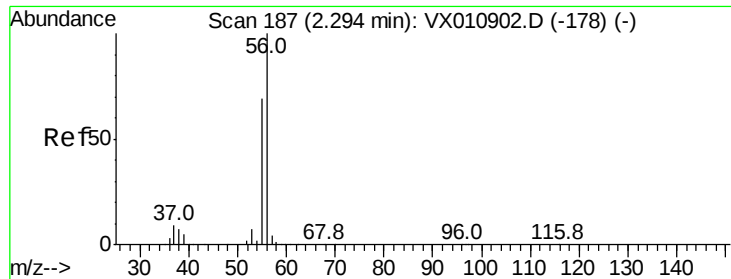


#12

1,1-Dichloroethene
Concen: 51.677 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion: 96 Resp: 81957
Ion Ratio Lower Upper
96 100
61 149.3 115.0 172.4
98 63.4 52.2 78.2





#13

Acrolein

Concen: 221.917 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 56561

Ion Ratio Lower Upper

56 100

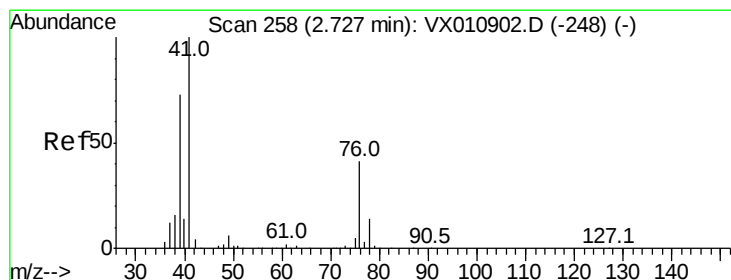
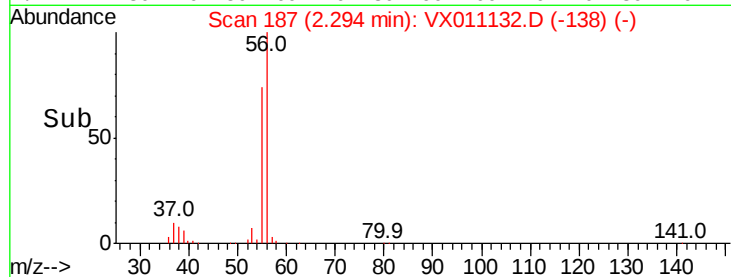
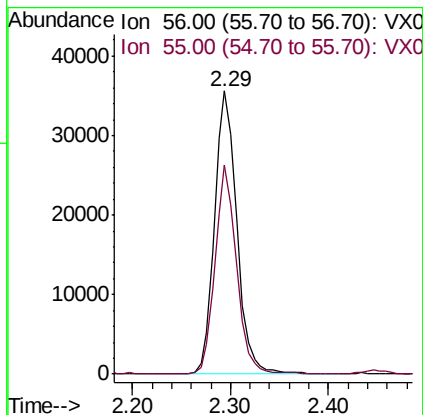
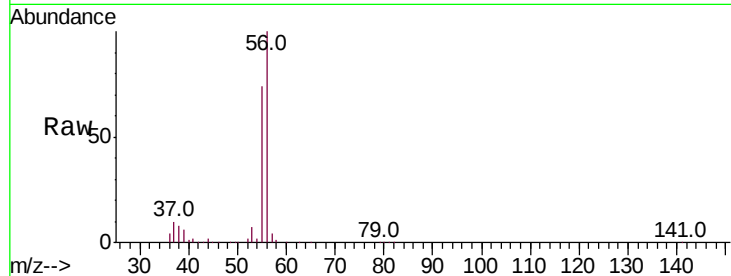
55 71.1 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 49.896 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

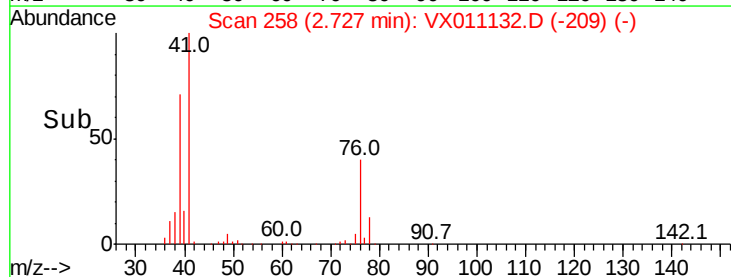
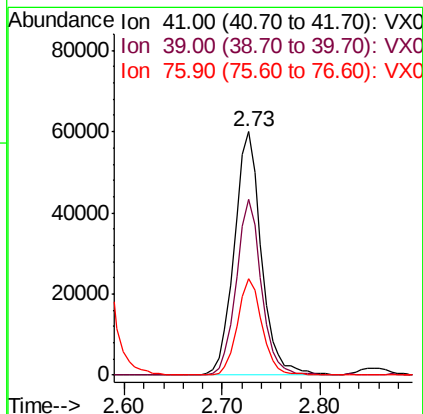
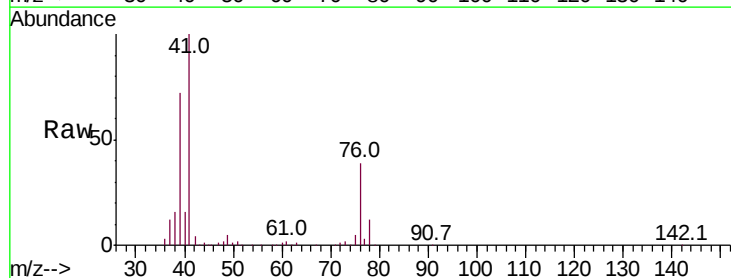
Tgt Ion: 41 Resp: 114942

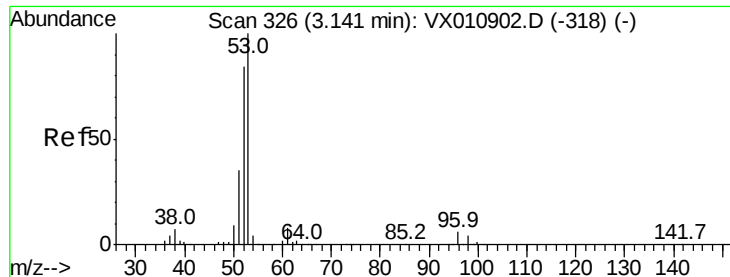
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 36.1 29.7 44.5





#15

Acrylonitrile

Concen: 273.543 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

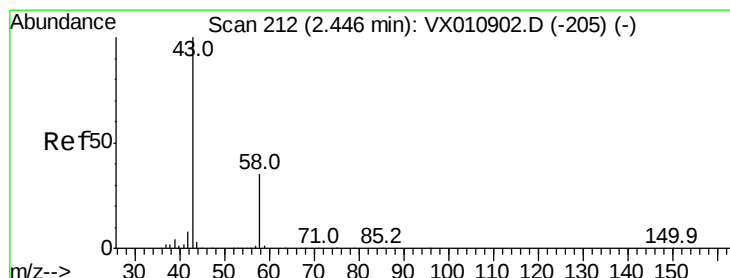
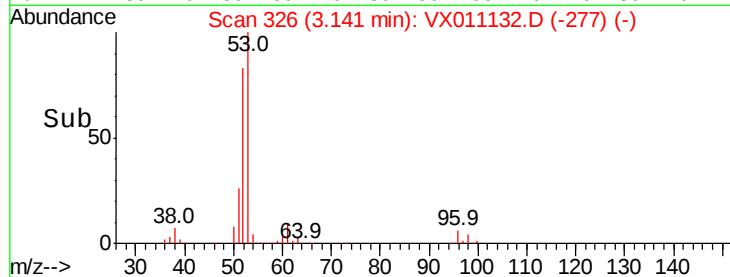
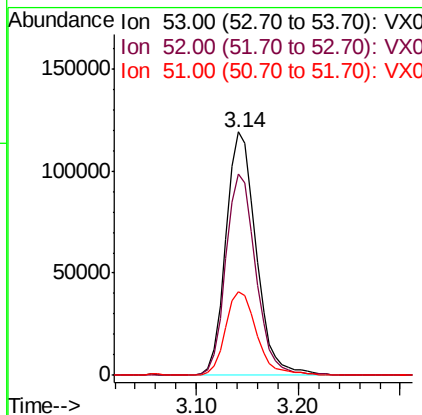
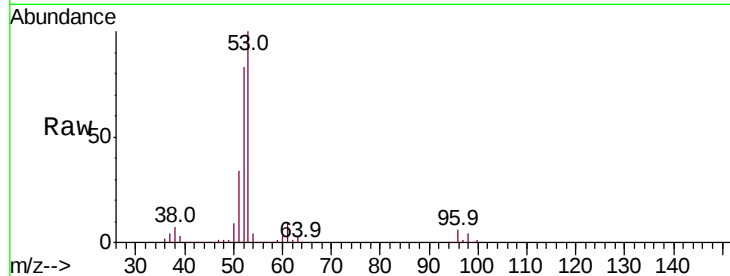
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	243838
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.5	99.7
51	35.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 241.163 ug/l

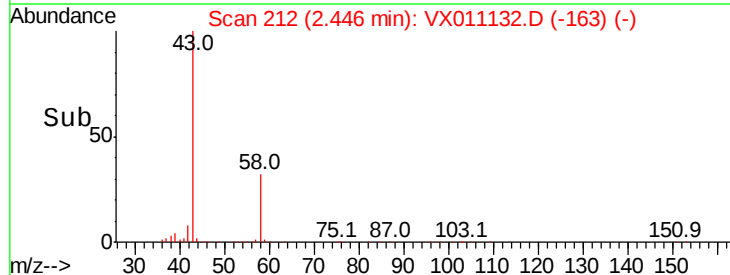
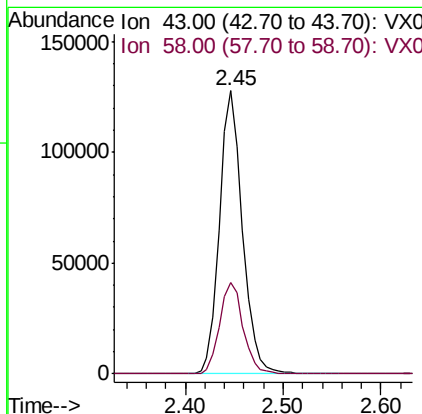
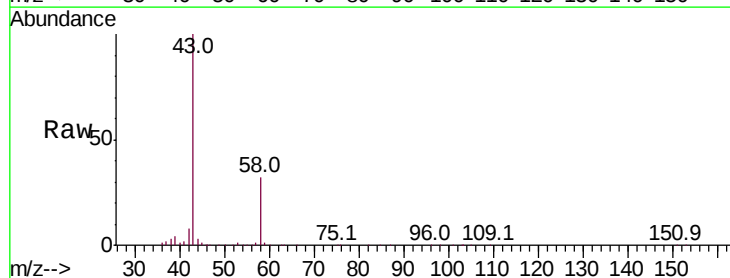
RT: 2.45 min Scan# 212

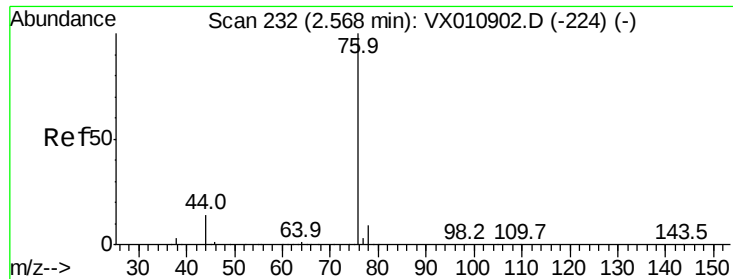
Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion:	43	Resp:	206317
Ion Ratio	Lower	Upper	
43	100		
58	32.2	27.7	41.5





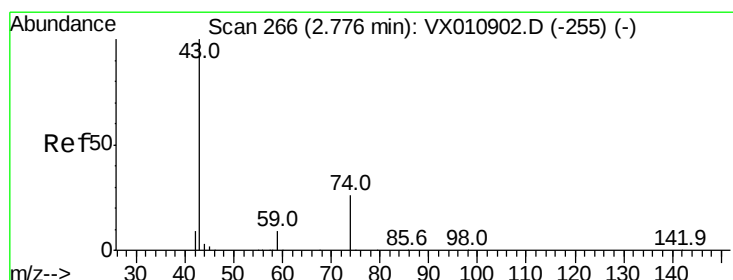
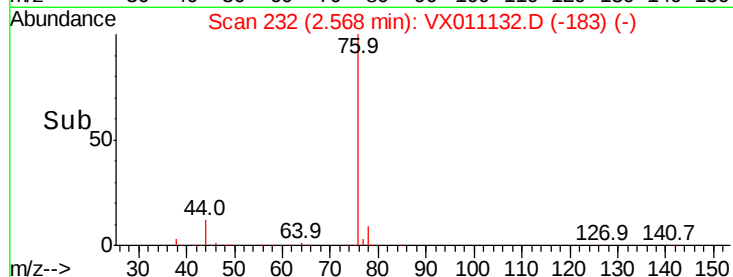
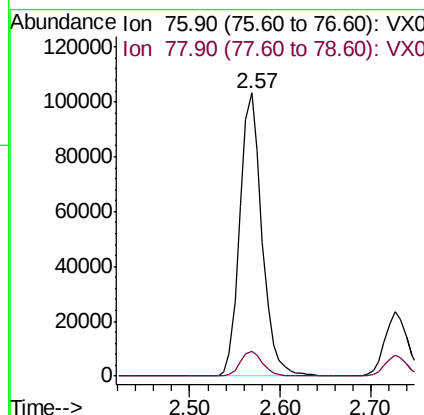
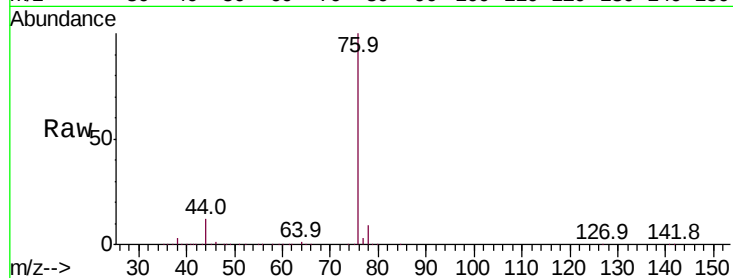
#17
Carbon Disulfide
Concen: 43.027 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

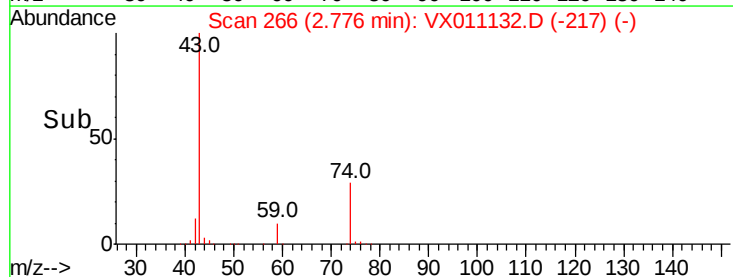
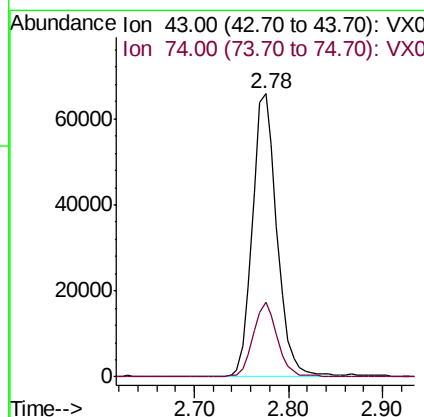
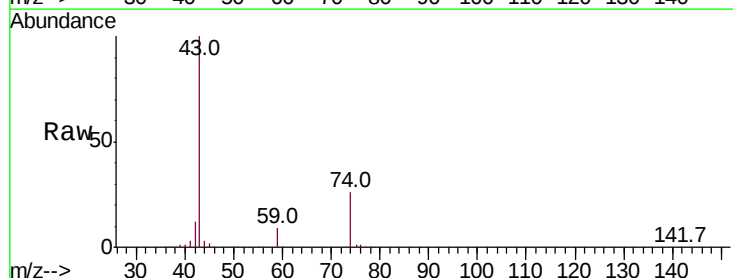
Manual Integrations
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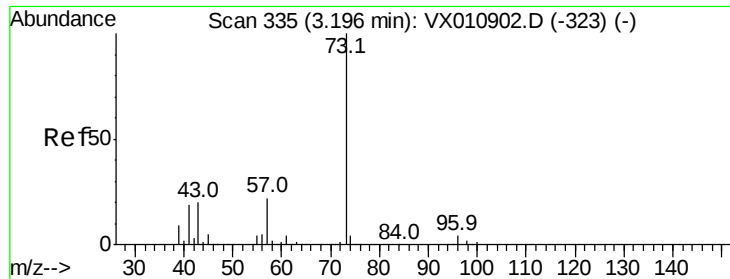
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#18
Methyl Acetate
Concen: 61.871 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.5	32.3





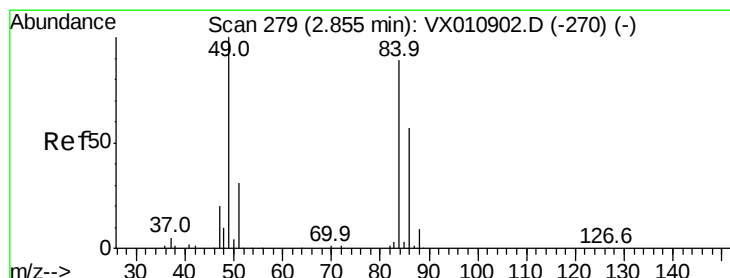
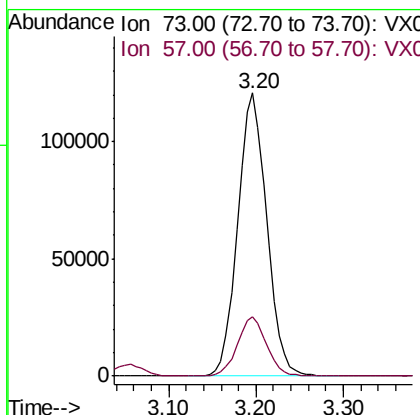
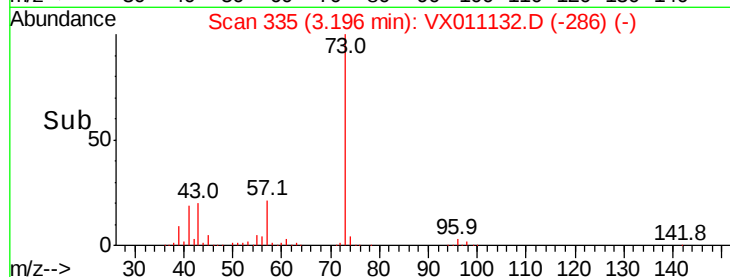
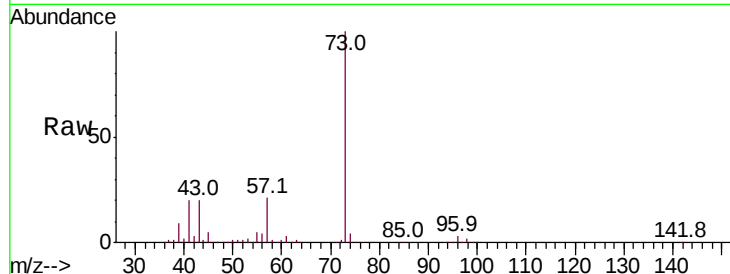
#19
Methyl tert-butyl Ether
Concen: 54.447 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.3	25.9

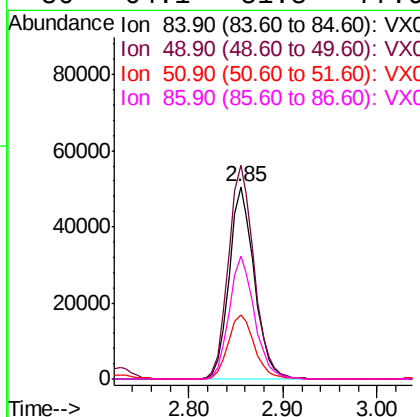
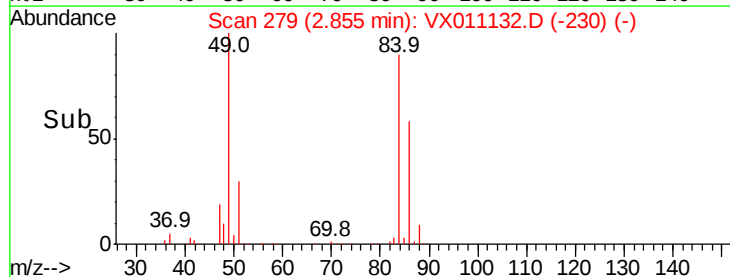
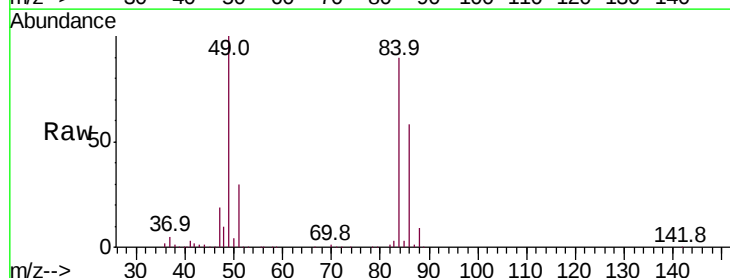
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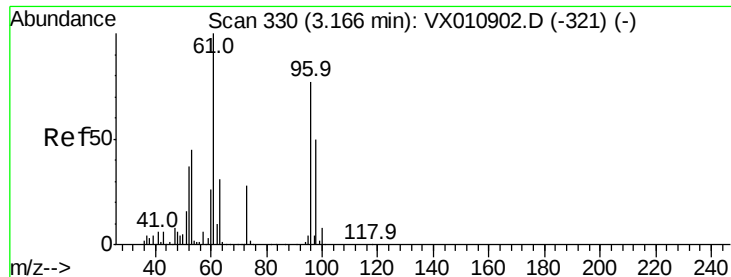
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#20
Methylene Chloride
Concen: 51.586 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	89.9	134.9
51	33.2	27.8	41.6
86	64.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 50.536 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 85041

Ion Ratio Lower Upper

96 100

61 117.8 104.2 156.2

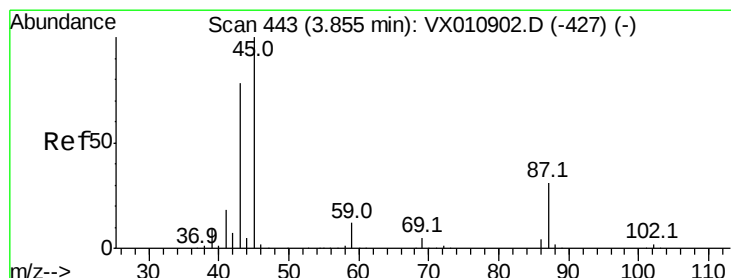
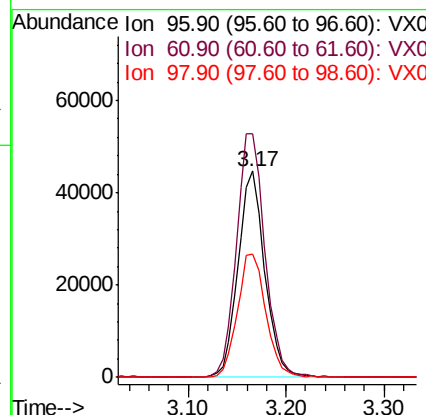
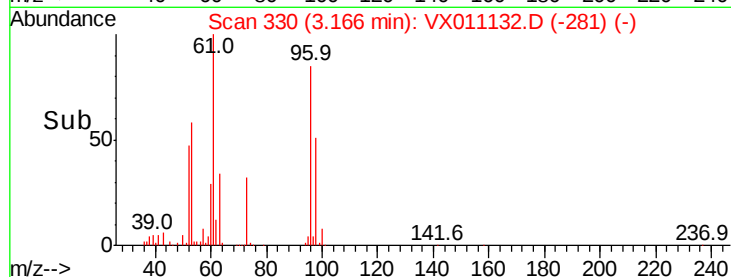
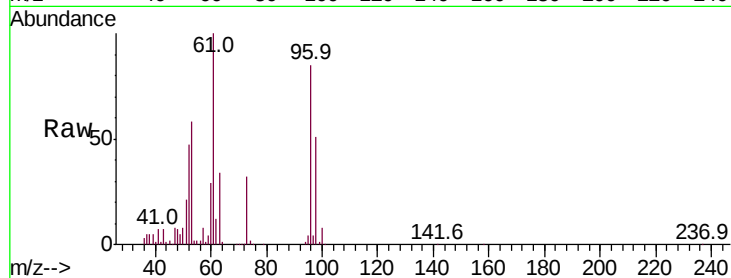
98 59.9 52.2 78.4

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#22

Diisopropyl ether

Concen: 54.146 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion: 45 Resp: 263069

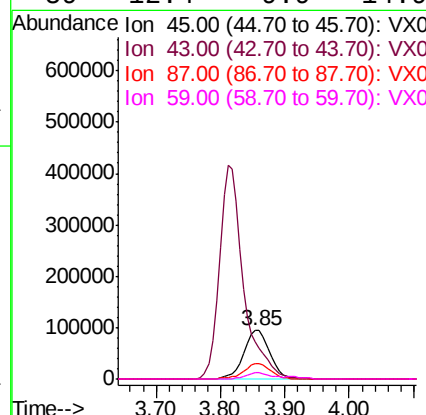
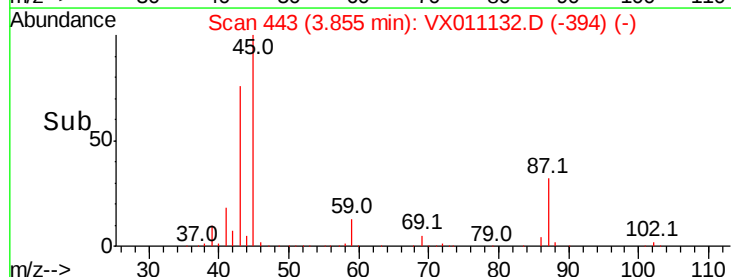
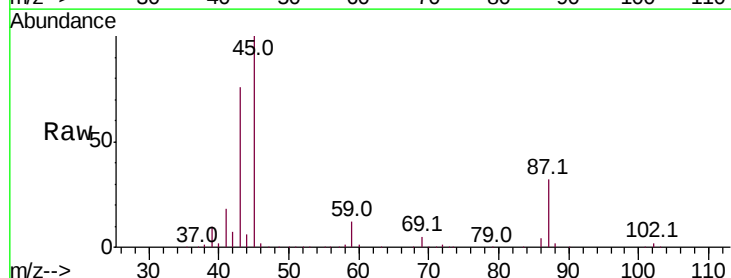
Ion Ratio Lower Upper

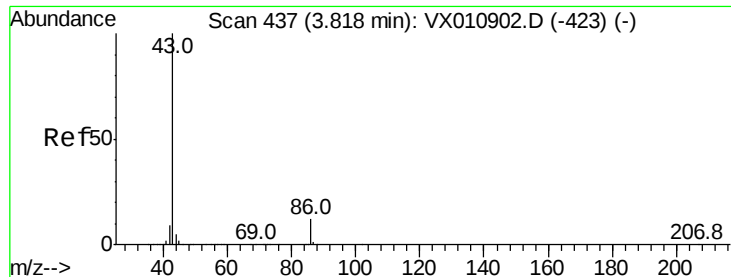
45 100

43 76.0 62.3 93.5

87 31.8 25.0 37.4

59 12.4 9.9 14.9





#23

Vinyl Acetate

Concen: 265.364 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1092399

Ion Ratio Lower Upper

43 100

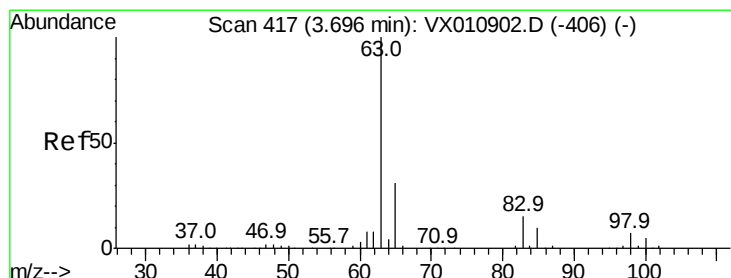
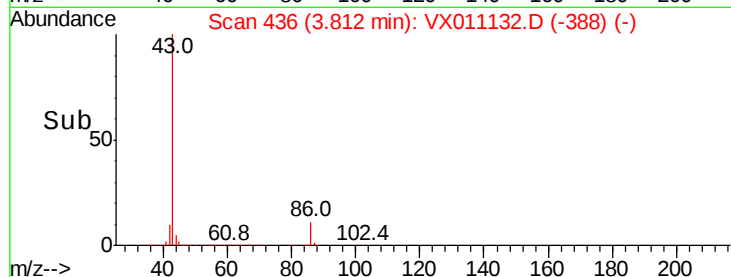
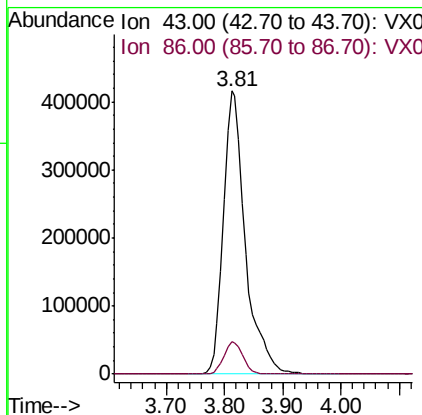
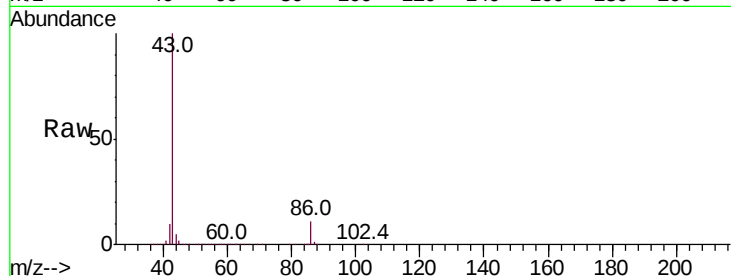
86 11.3 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 53.312 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

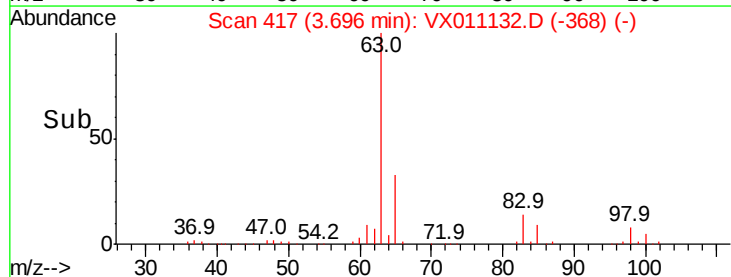
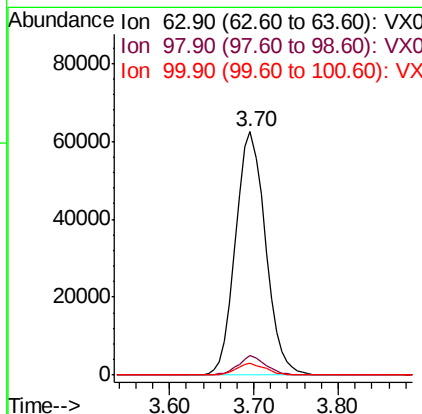
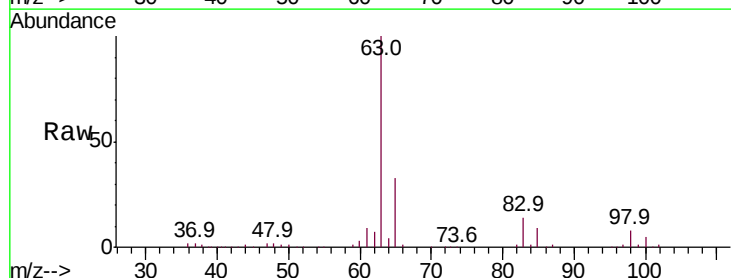
Tgt Ion: 63 Resp: 150427

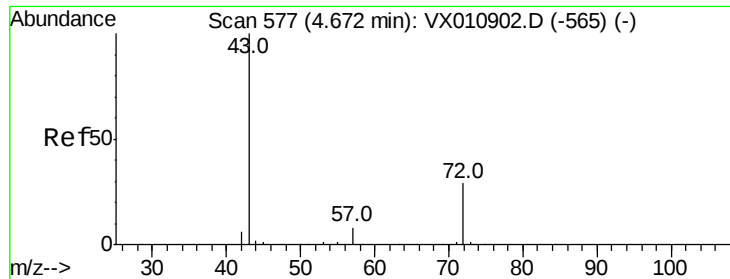
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 270.911 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 332698

Ion Ratio Lower Upper

43 100

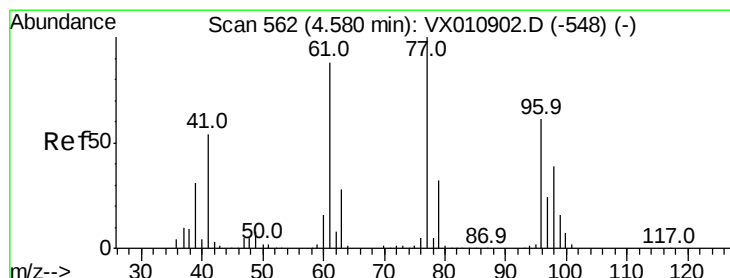
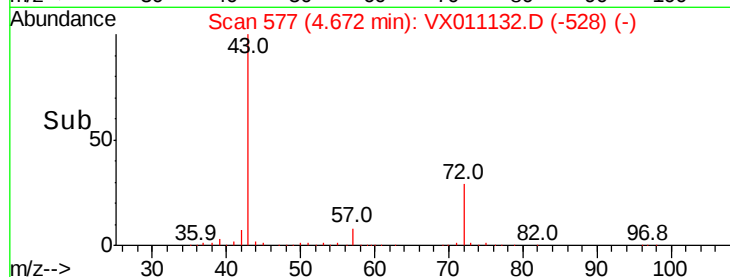
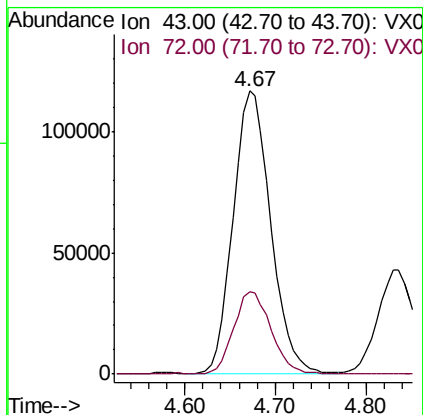
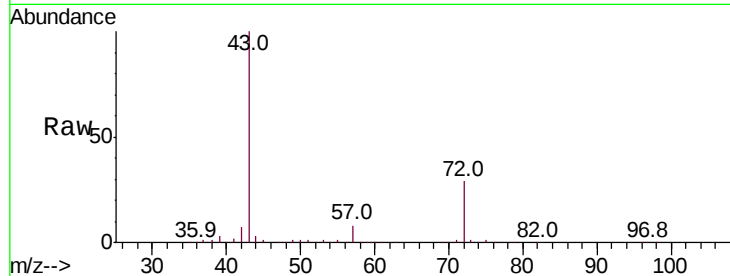
72 29.1 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 29.553 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011132.D

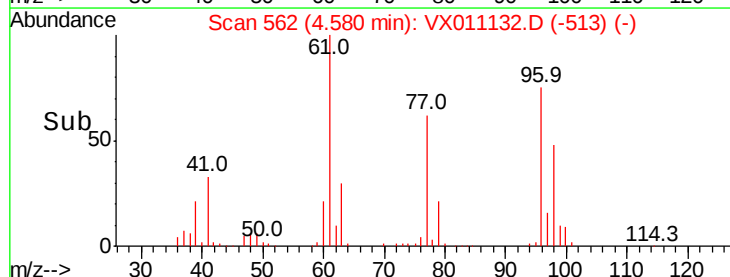
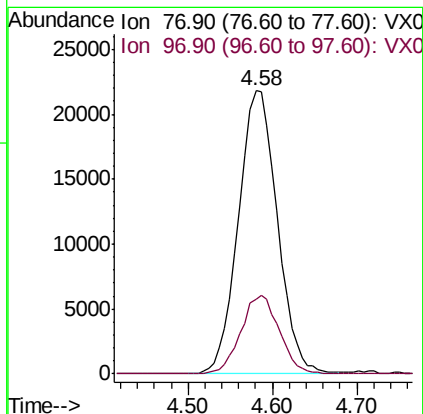
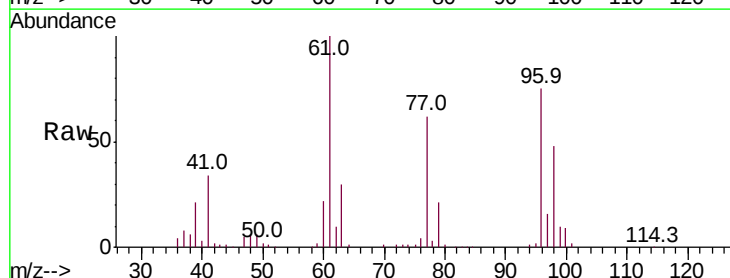
Acq: 27 Jul 2019 08:33

Tgt Ion: 77 Resp: 68468

Ion Ratio Lower Upper

77 100

97 27.4 12.6 37.6





#27

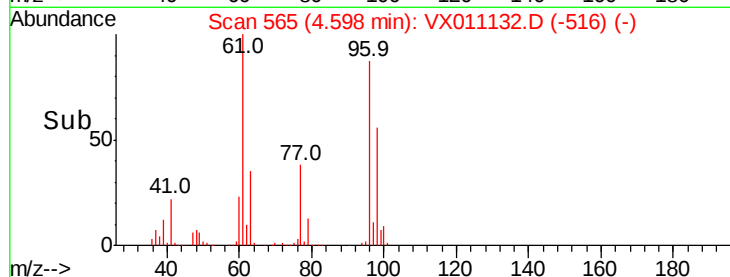
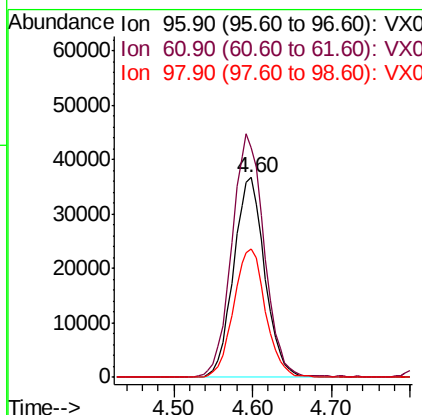
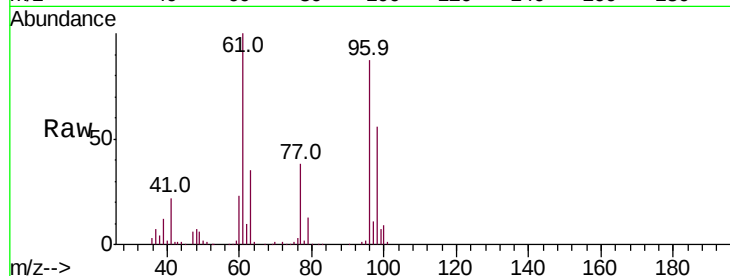
cis-1,2-Dichloroethene
 Concen: 51.906 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	269.0
98	66.0	0.0	131.4

Manual Integrations
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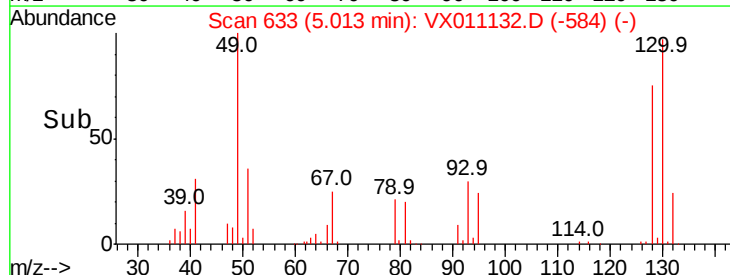
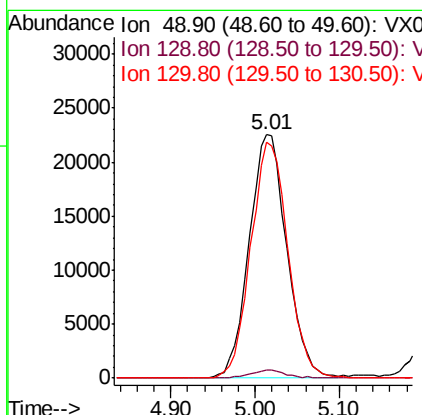
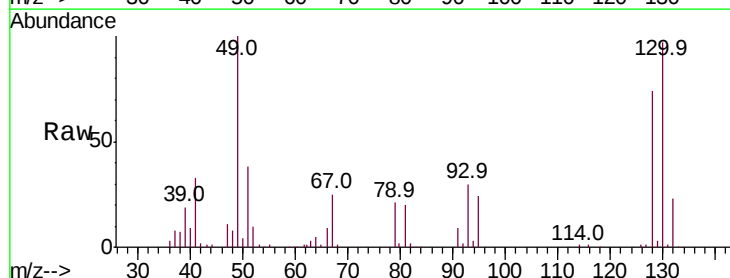
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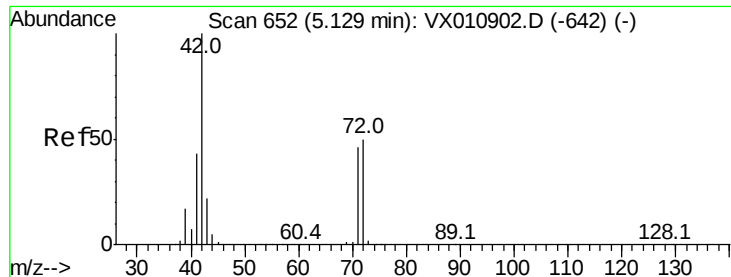


#28

Bromochloromethane
 Concen: 51.616 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.2
130	95.7	76.9	115.3





#29

Tetrahydrofuran

Concen: 276.296 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

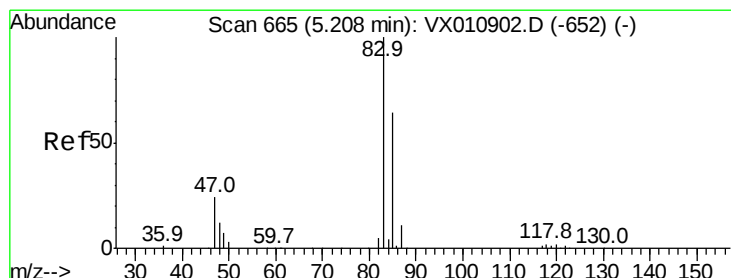
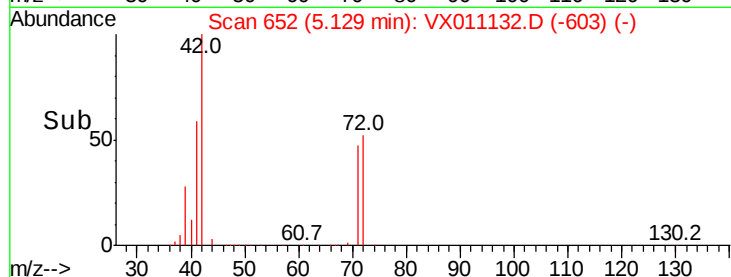
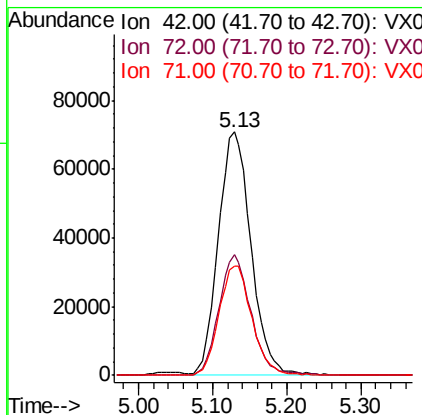
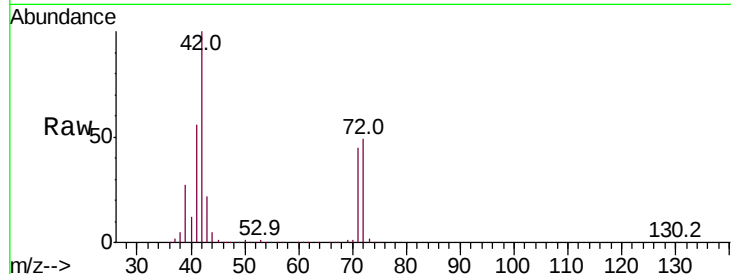
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	214933
Ion Ratio	Lower	Upper	
42	100		
72	48.9	39.8	59.8
71	45.3	37.0	55.4

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#30

Chloroform

Concen: 53.637 ug/l

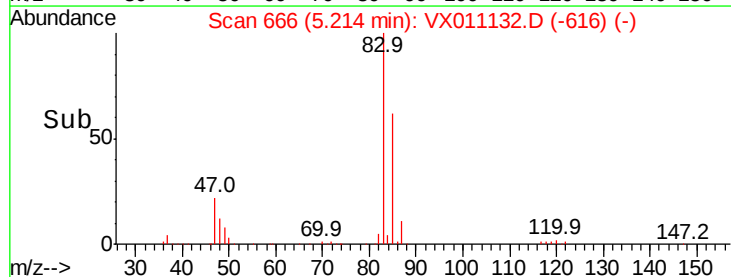
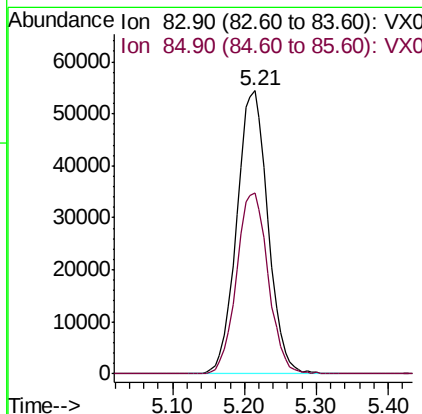
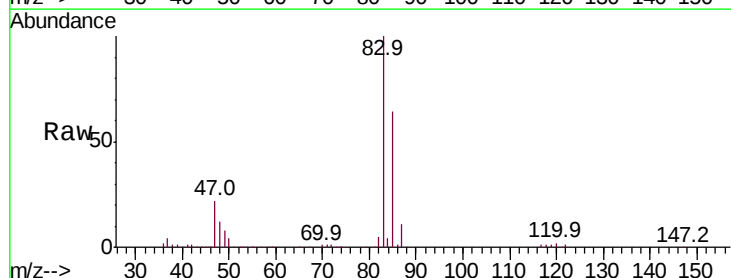
RT: 5.21 min Scan# 666

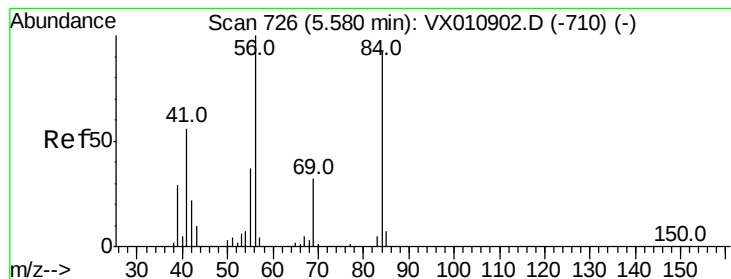
Delta R.T. 0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion:	83	Resp:	163585
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.4	77.0





#31

Cyclohexane

Concen: 49.074 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 126212

Ion Ratio Lower Upper

56 100

69 31.9 25.8 38.8

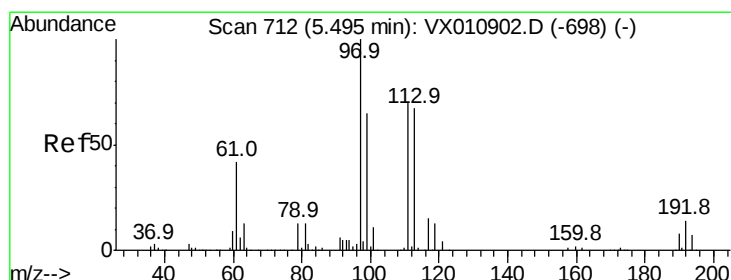
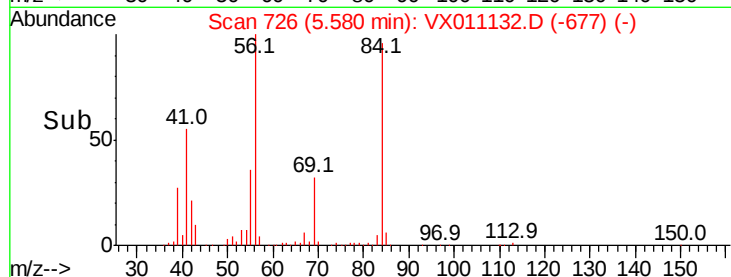
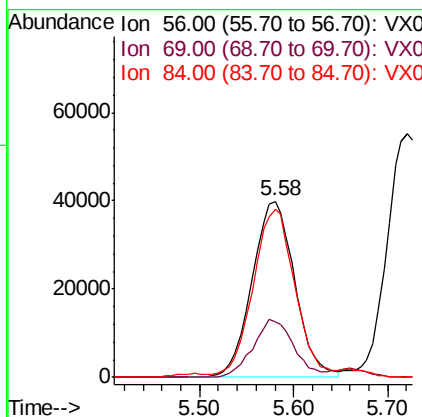
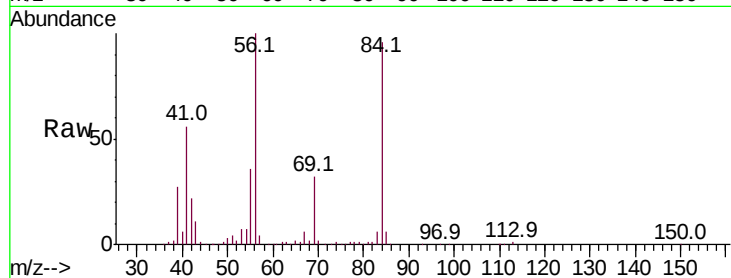
84 94.1 73.8 110.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 53.929 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

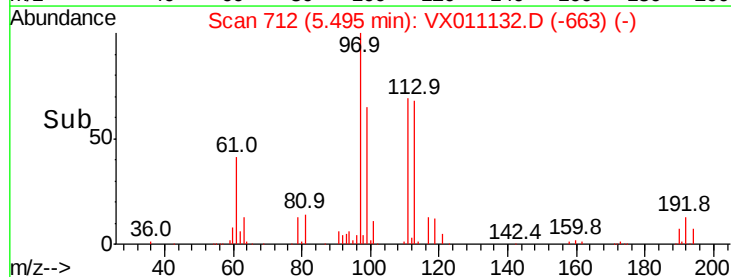
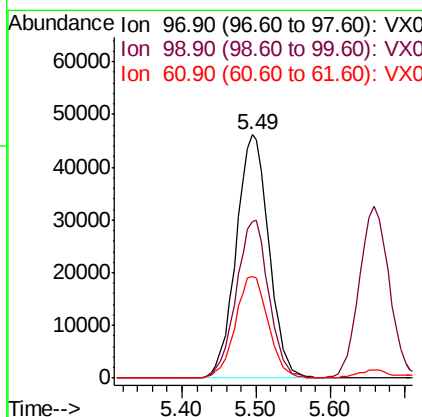
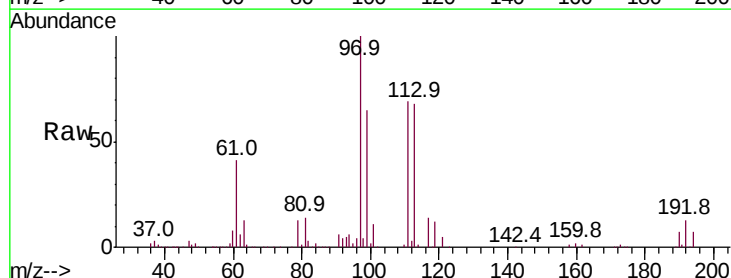
Tgt Ion: 97 Resp: 142296

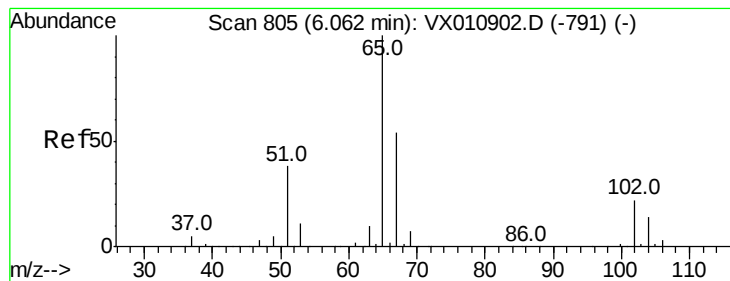
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 41.9 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 52.855 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 100117

Ion Ratio Lower Upper

65 100

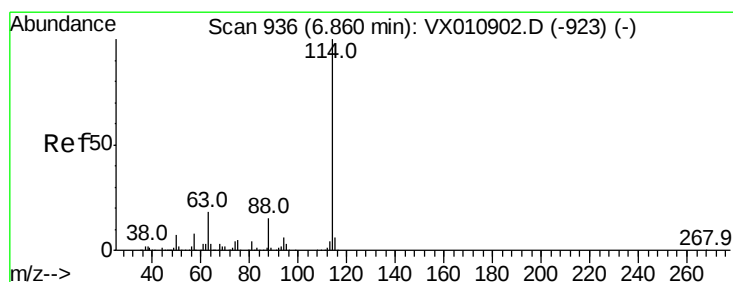
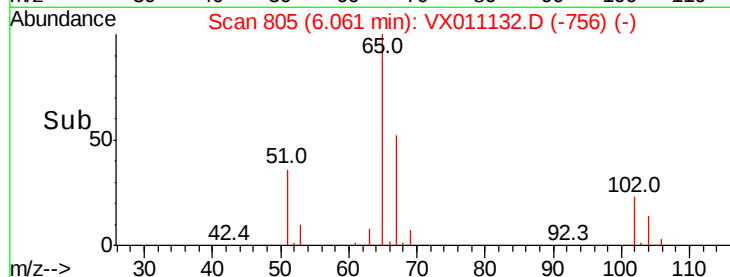
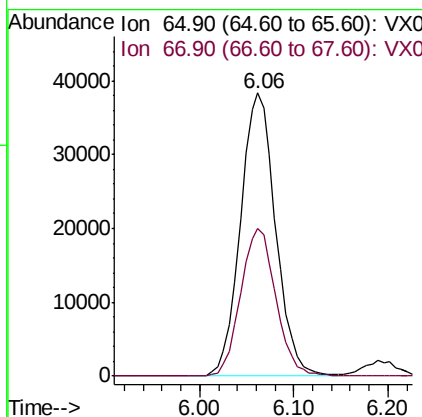
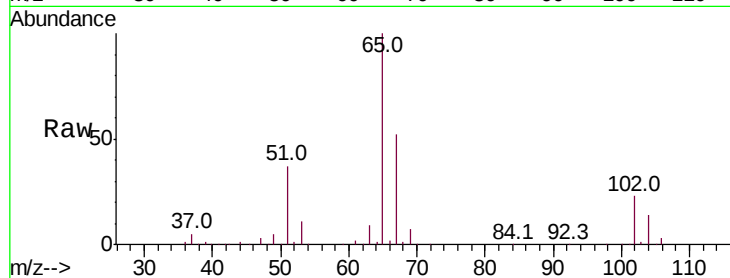
67 52.4 0.0 107.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

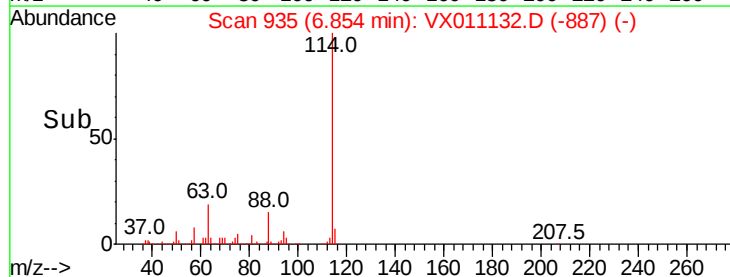
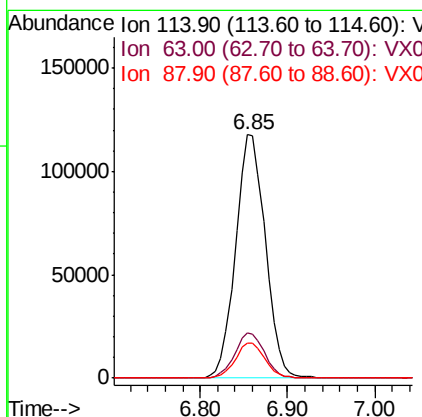
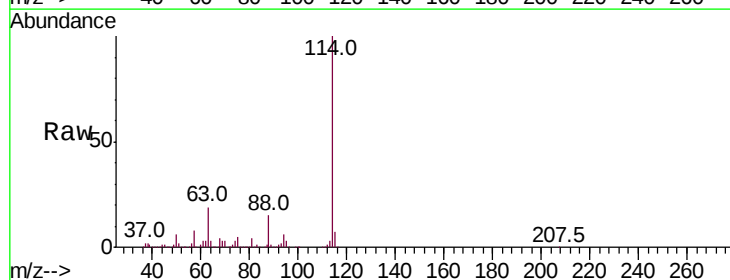
Tgt Ion: 114 Resp: 278963

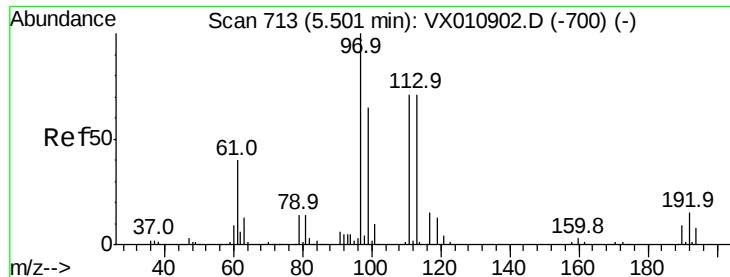
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

88 14.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.011 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

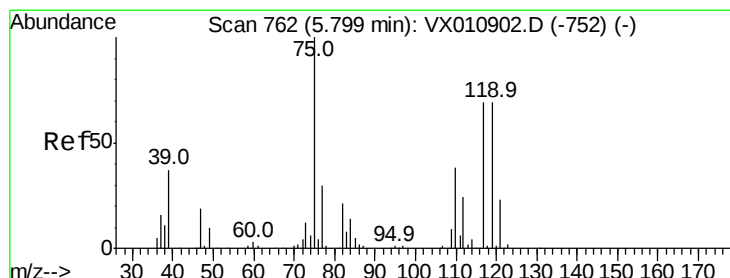
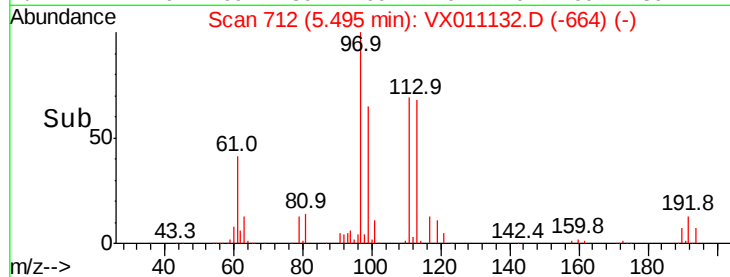
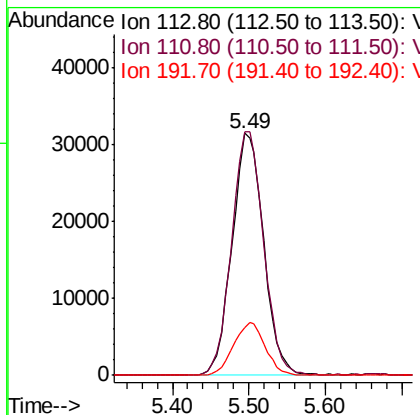
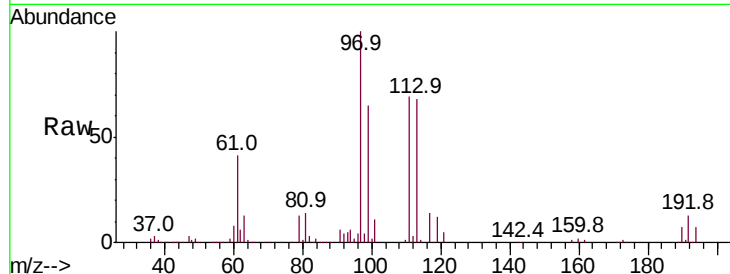
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	90322
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	21.8	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 50.194 ug/l

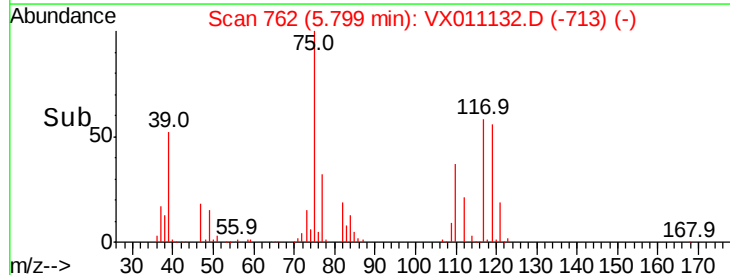
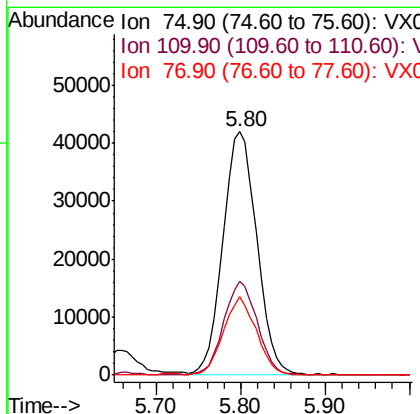
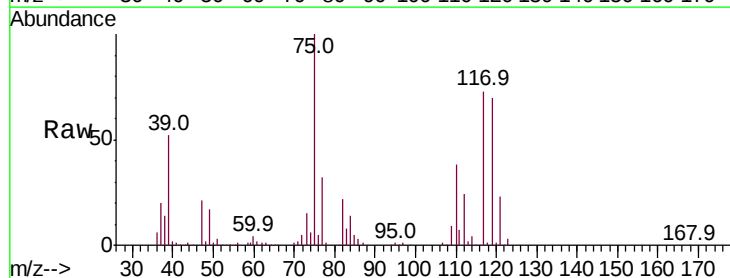
RT: 5.80 min Scan# 762

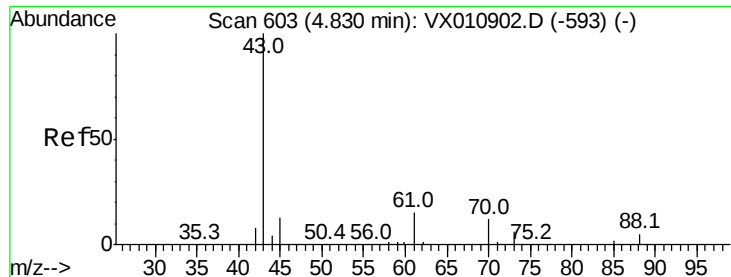
Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion:	75	Resp:	115015
Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.9	59.7
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 53.180 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

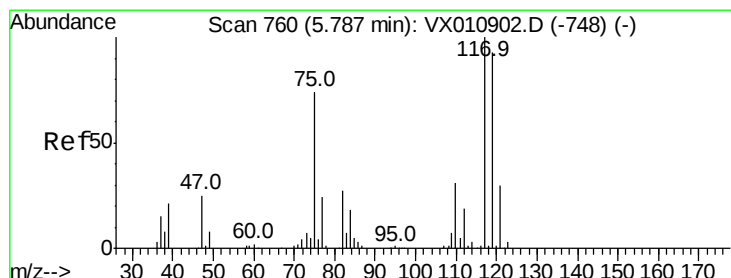
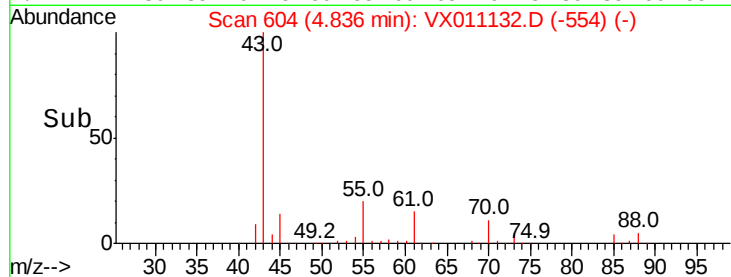
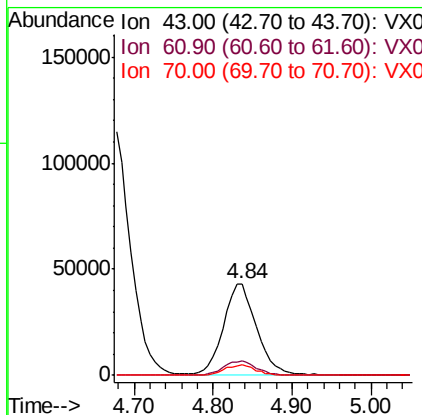
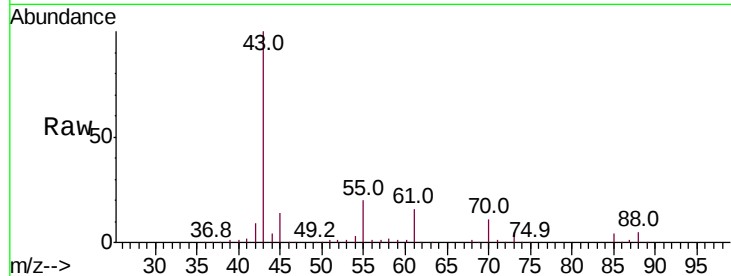
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	124780
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.6	17.4
70	11.2	9.1	13.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.582 ug/l

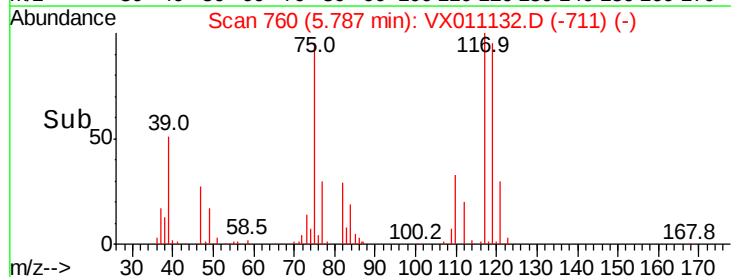
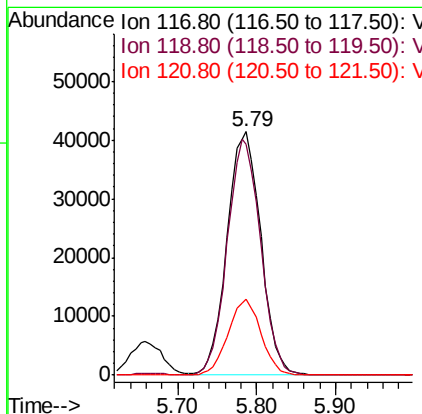
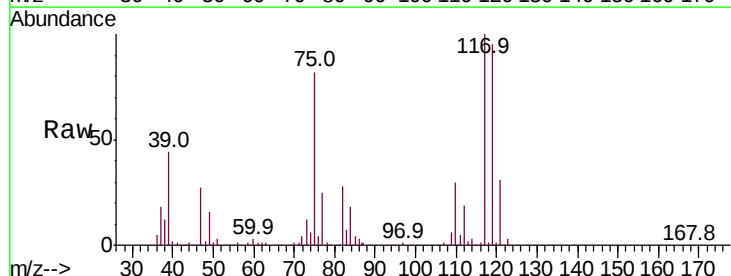
RT: 5.79 min Scan# 760

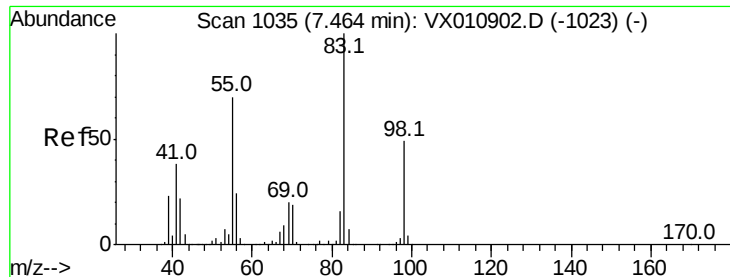
Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion:	117	Resp:	123165
Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.2	111.2
121	31.1	24.2	36.2





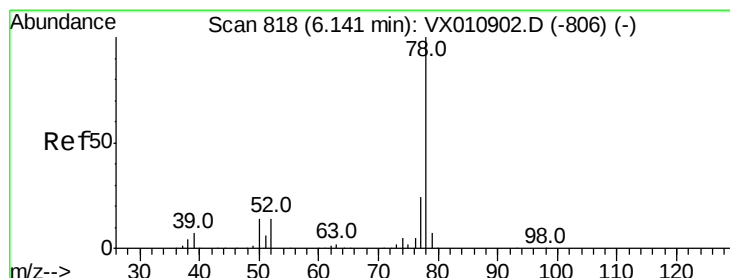
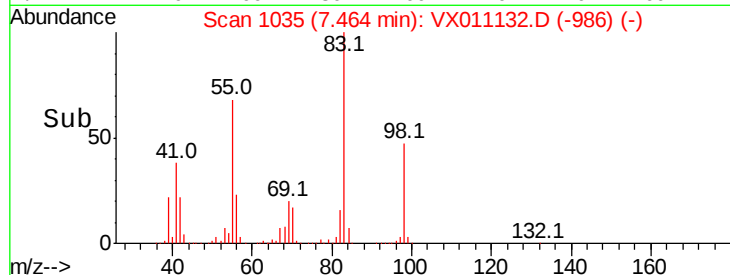
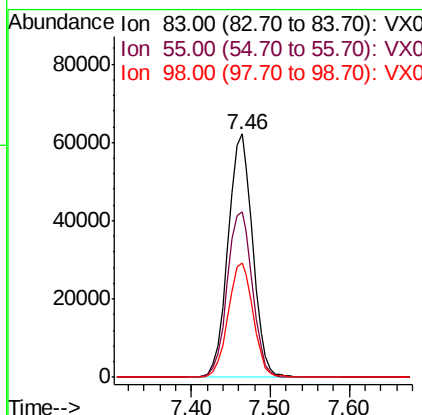
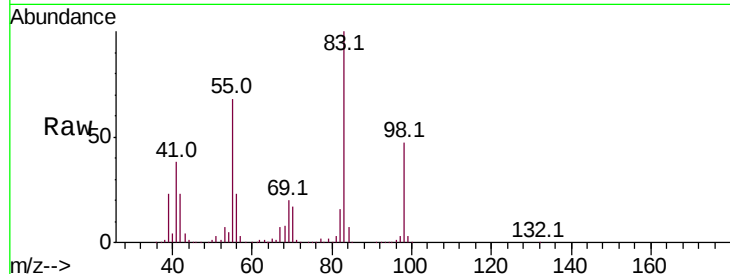
#39
Methvlcvclohexane
Concen: 45.245 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.2	56.2	84.4
98	46.8	39.0	58.4

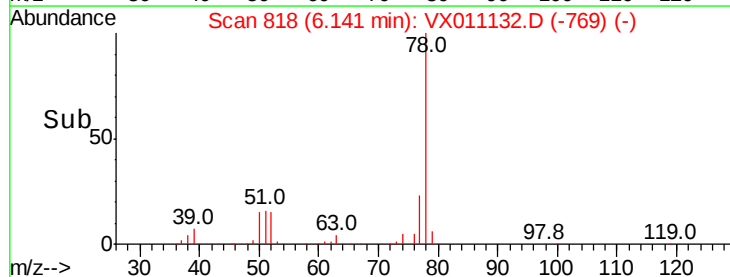
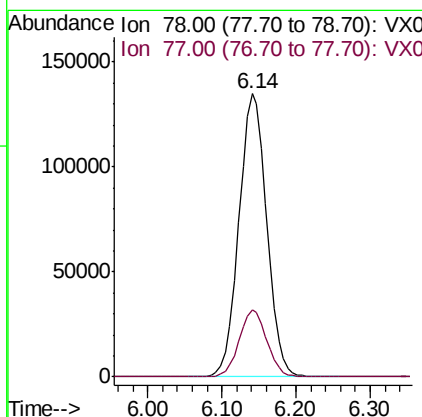
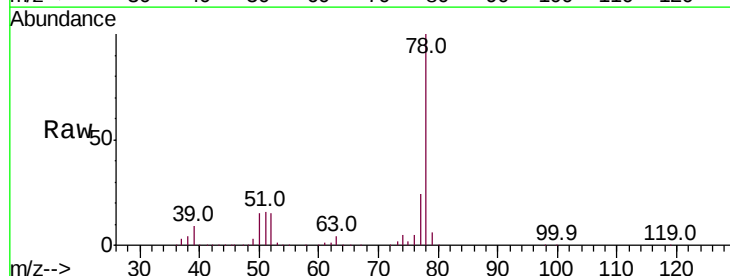
Manual Integrations
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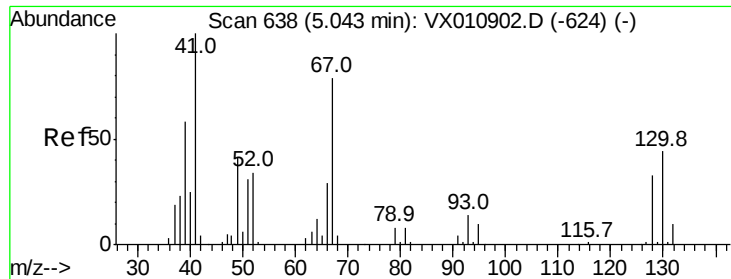
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#40
Benzene
Concen: 50.259 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41

Methacrylonitrile

Concen: 51.972 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

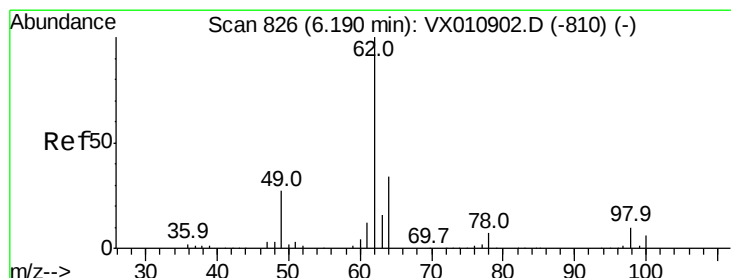
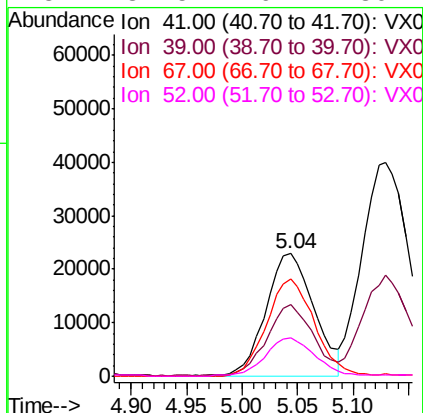
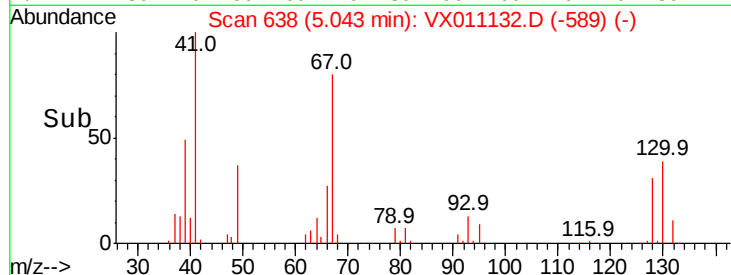
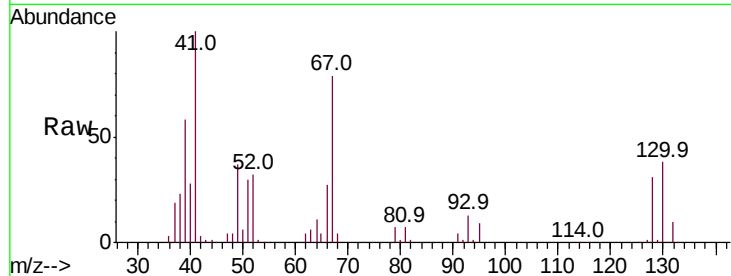
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	45.4	68.2	
67	78.7	65.9	98.9	
52	31.5	26.2	39.2	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.710 ug/l

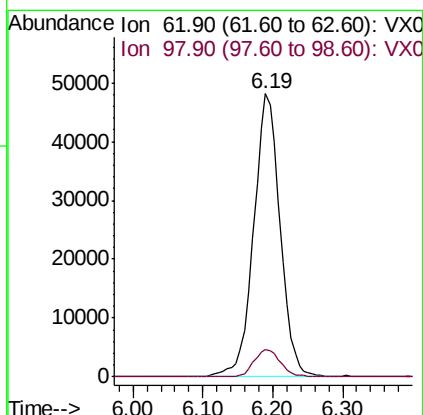
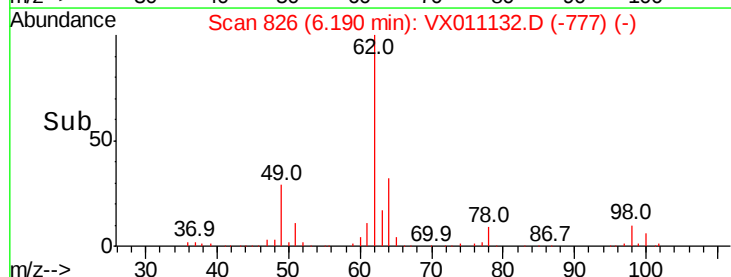
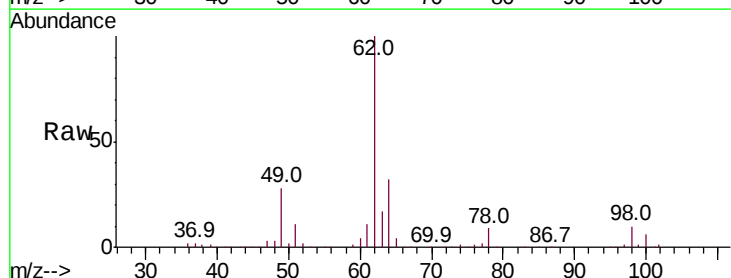
RT: 6.19 min Scan# 826

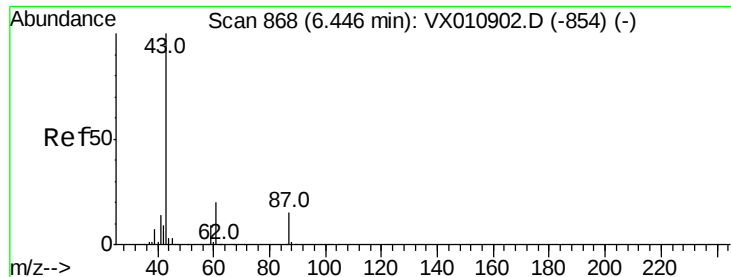
Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	20.0	





#43

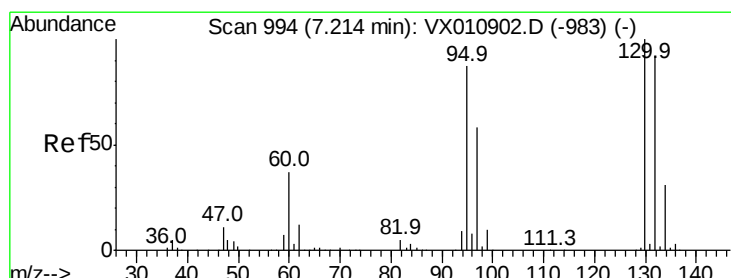
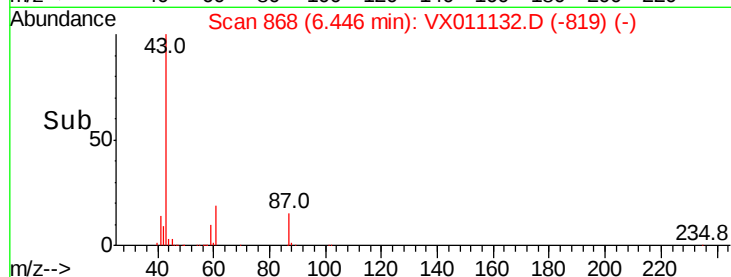
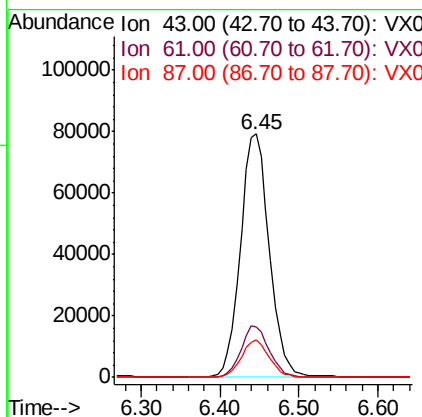
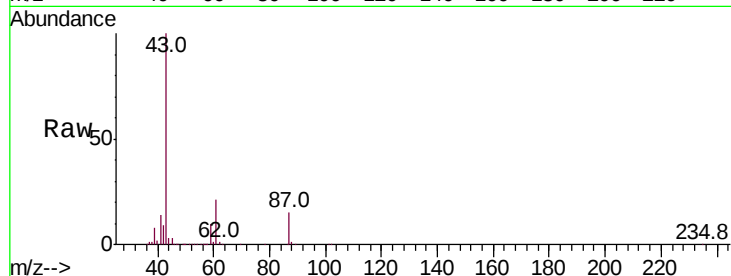
Isopropyl Acetate
 Concen: 51.968 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.1	25.7
87	15.2	12.0	18.0

Manual Integrations
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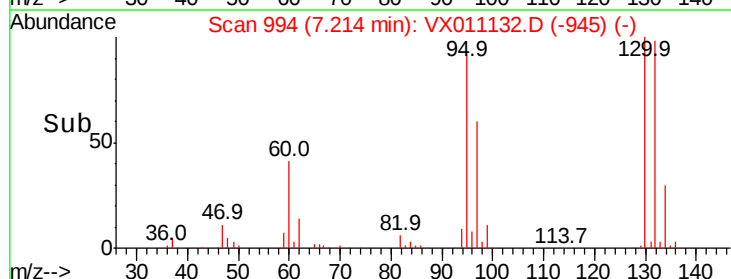
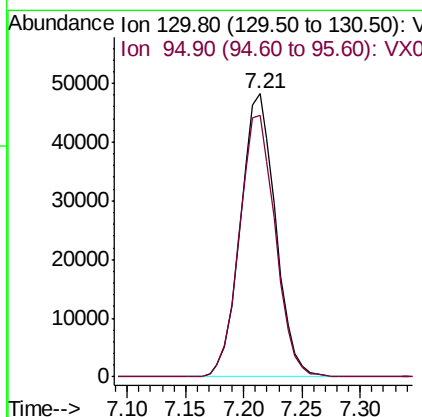
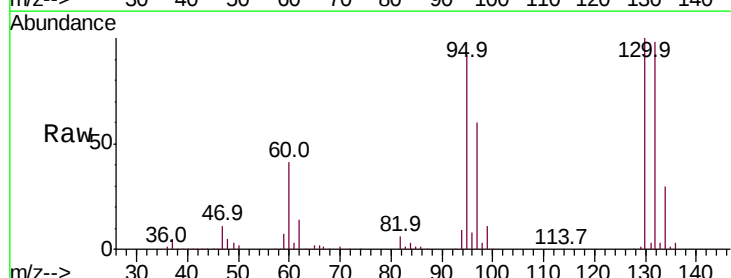
MMDadoda
 7/29/2019 10:21:41 AM

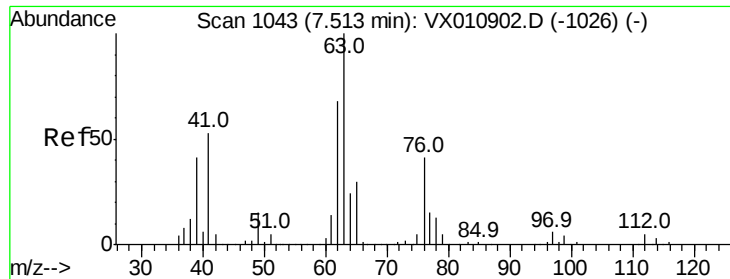


#44

Trichloroethene
 Concen: 48.791 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	174.8





#45

1,2-Dichloropropane

Concen: 51.294 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 91637

Ion Ratio Lower Upper

63 100

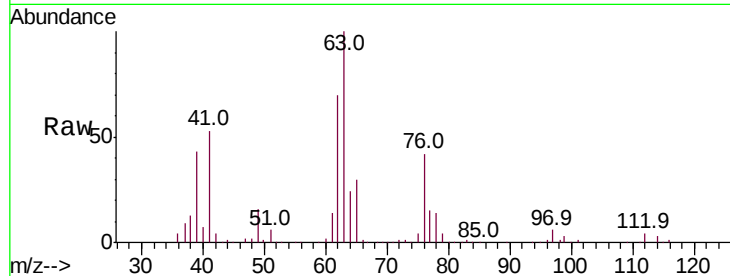
65 29.8 24.4 36.6

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

50000

40000

30000

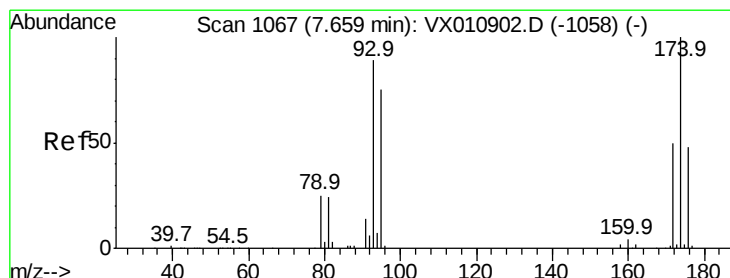
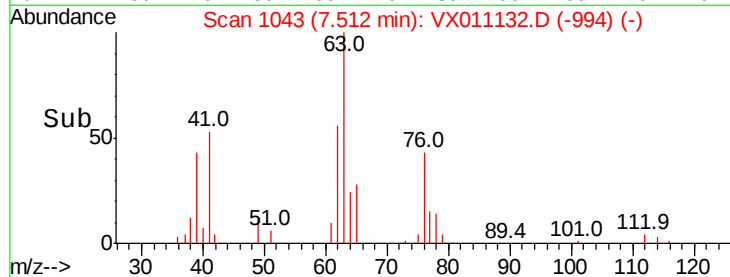
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 52.166 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

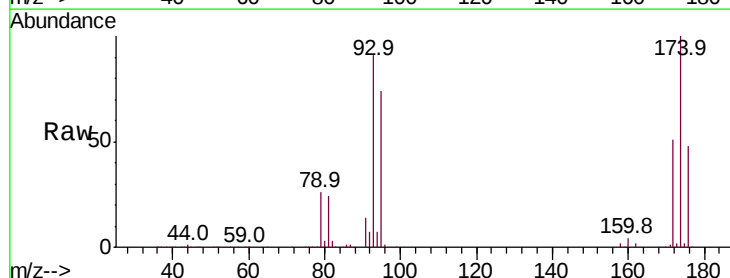
Tgt Ion: 93 Resp: 66594

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

174 112.7 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

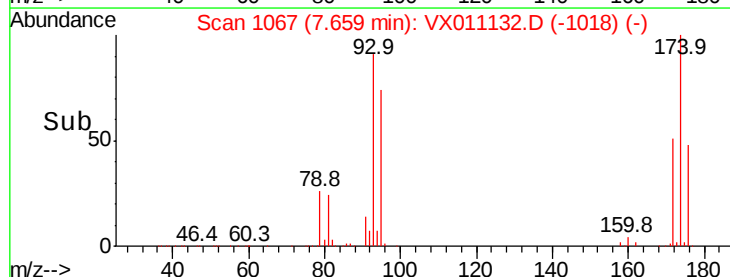
20000

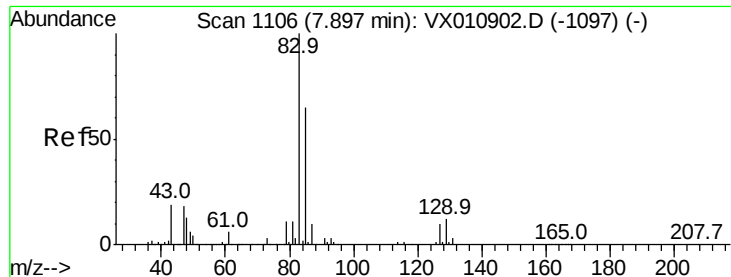
10000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 53.114 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

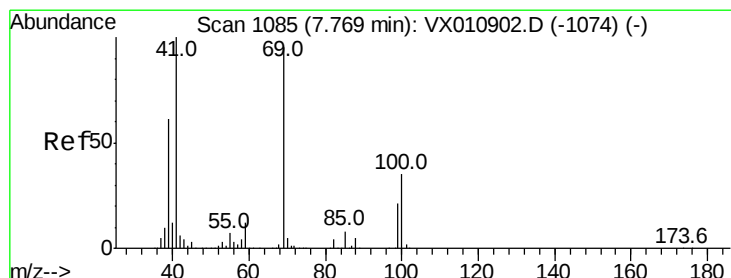
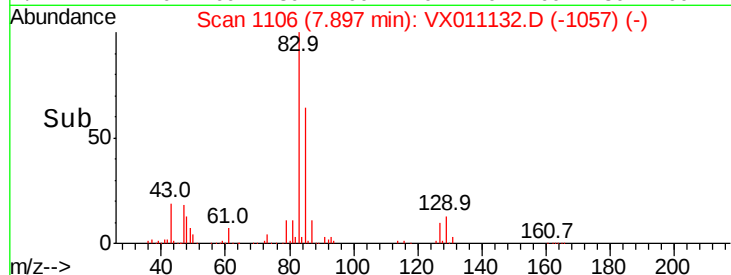
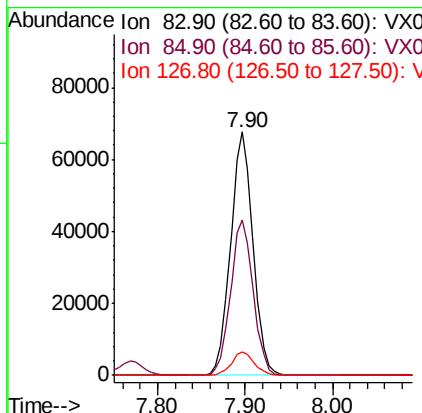
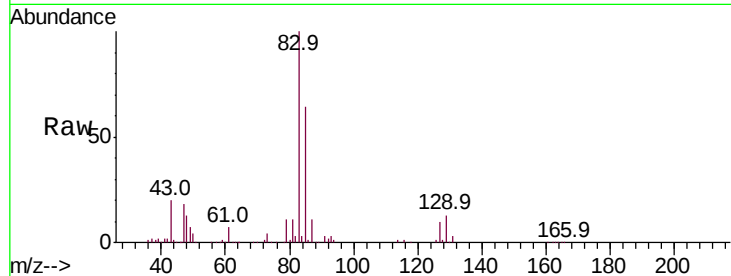
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	120697
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.5	78.7
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.515 ug/l

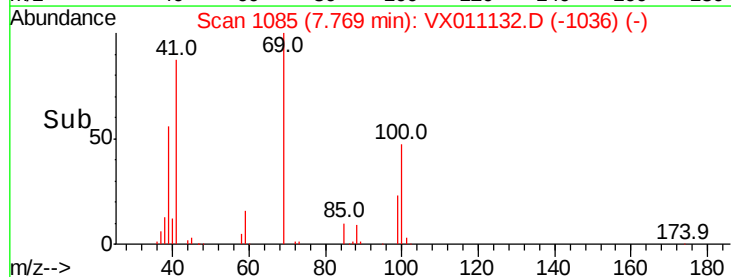
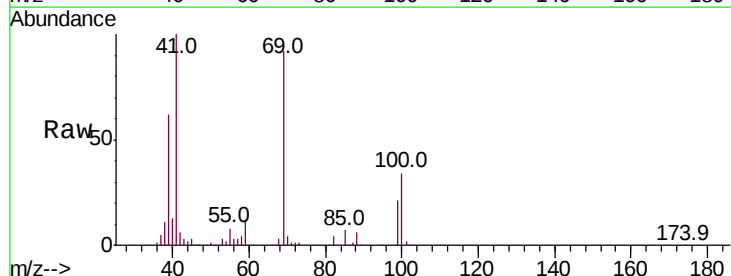
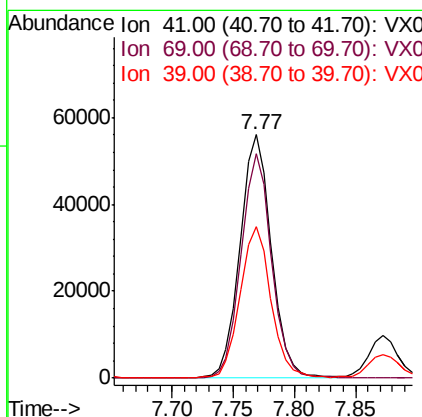
RT: 7.77 min Scan# 1085

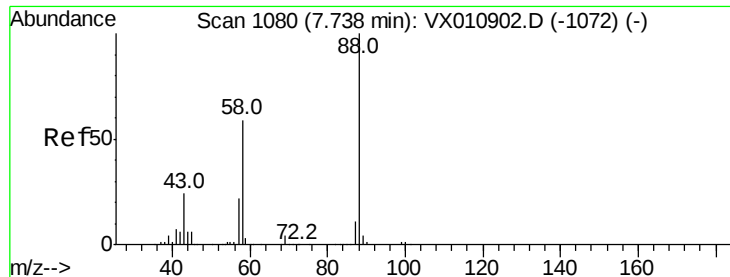
Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion:	41	Resp:	98701
Ion	Ratio	Lower	Upper
41	100		
69	91.1	74.4	111.6
39	61.8	48.9	73.3





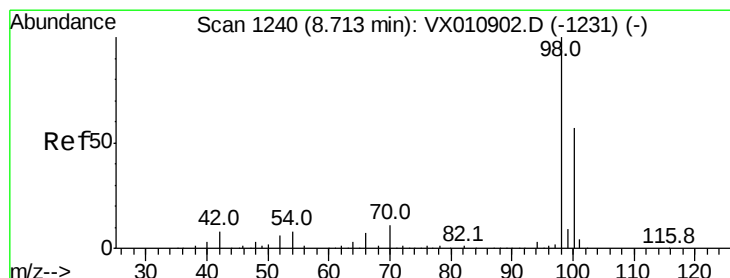
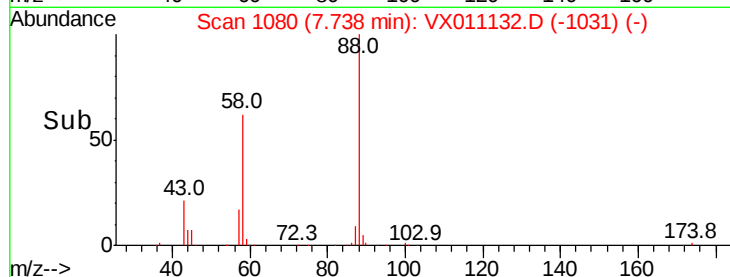
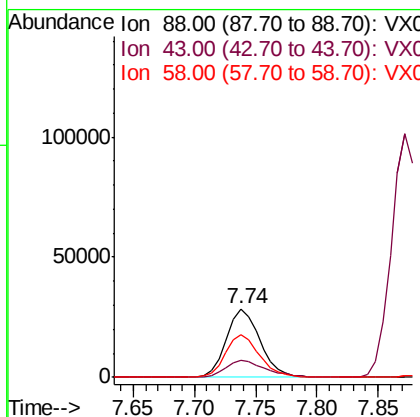
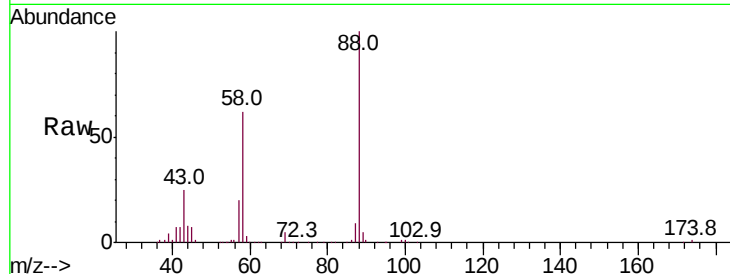
#49
1,4-Dioxane
Concen: 1038.070 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.9	34.3
58	63.1	49.8	74.8

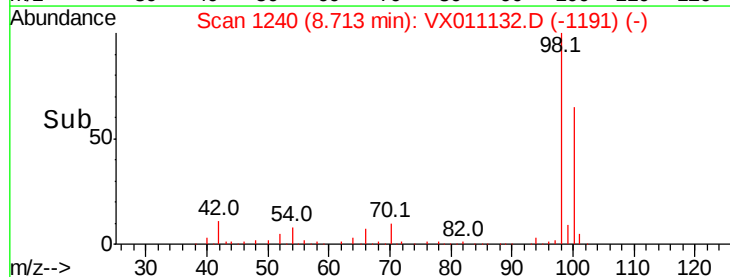
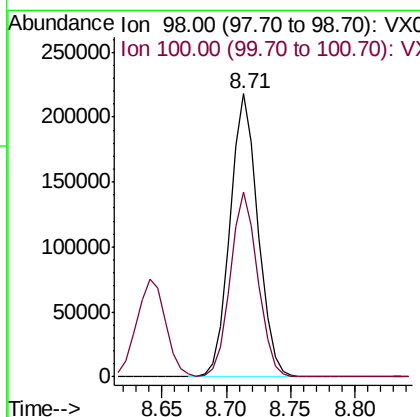
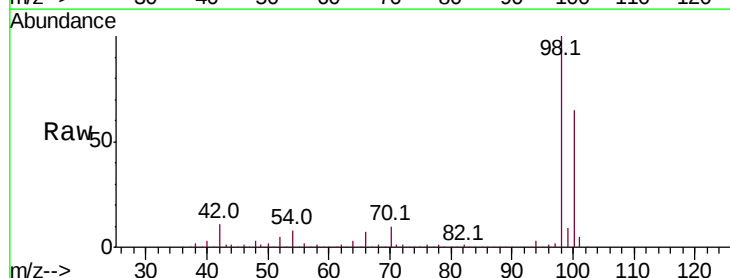
Manual Integrations
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#50
Toluene-d8
Concen: 49.685 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 276.819 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 692318

Ion Ratio Lower Upper

43 100

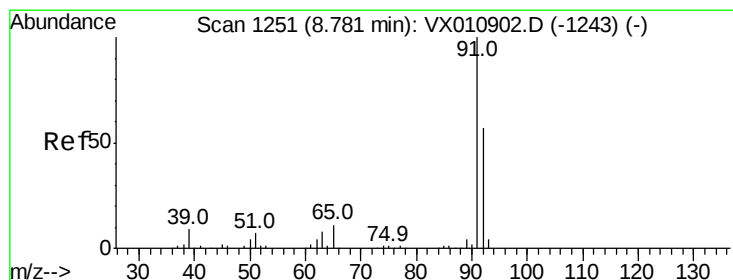
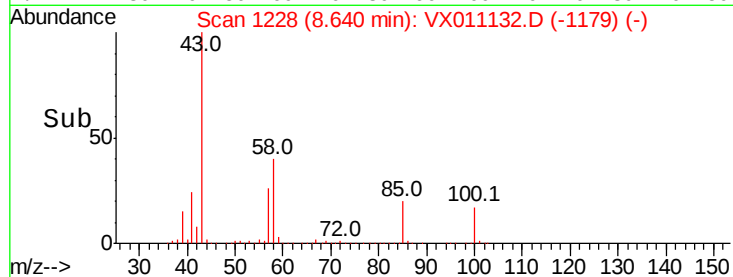
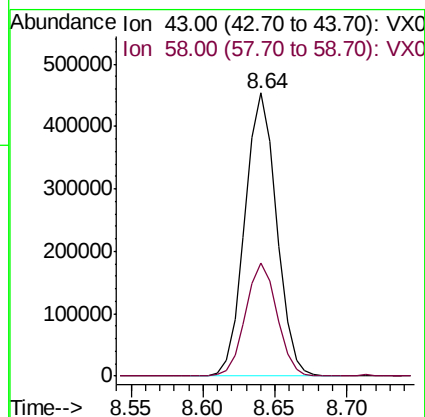
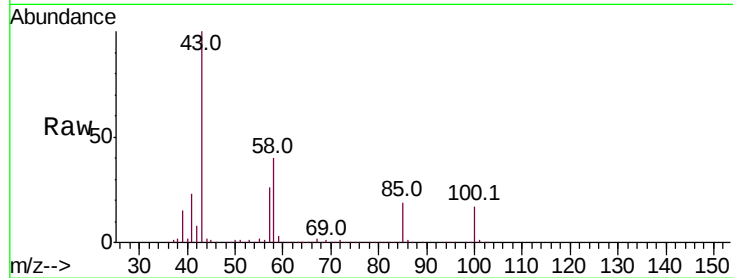
58 39.7 32.2 48.4

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#52

Toluene

Concen: 50.557 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011132.D

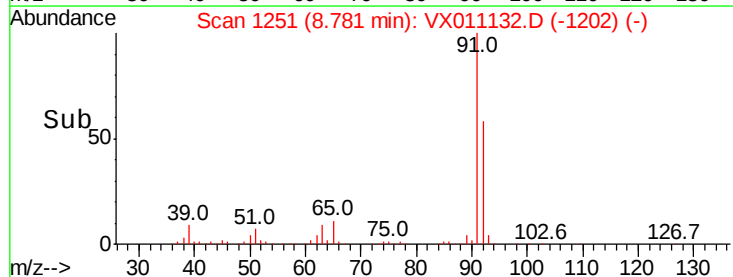
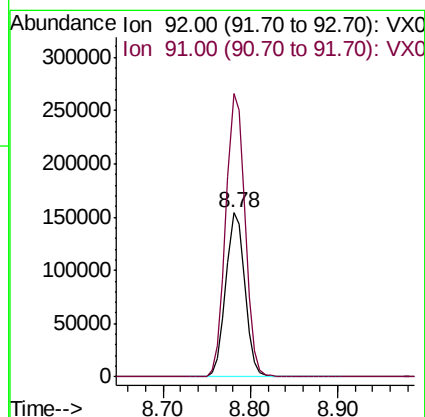
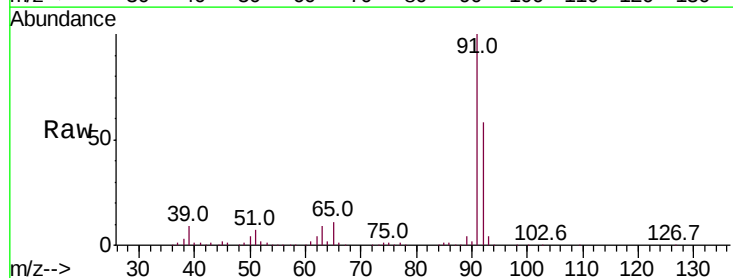
Acq: 27 Jul 2019 08:33

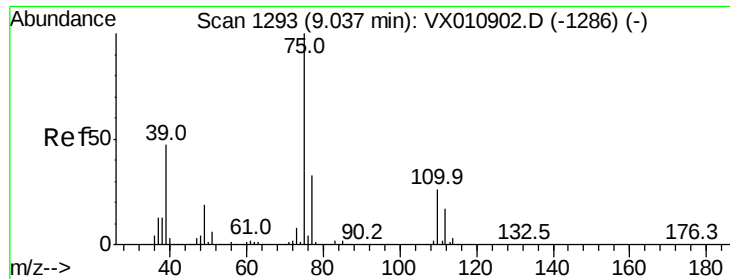
Tgt Ion: 92 Resp: 233121

Ion Ratio Lower Upper

92 100

91 174.3 139.4 209.0





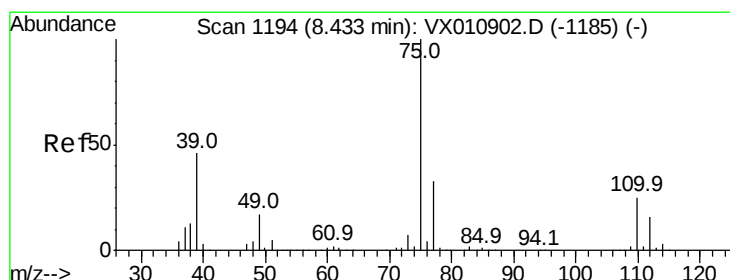
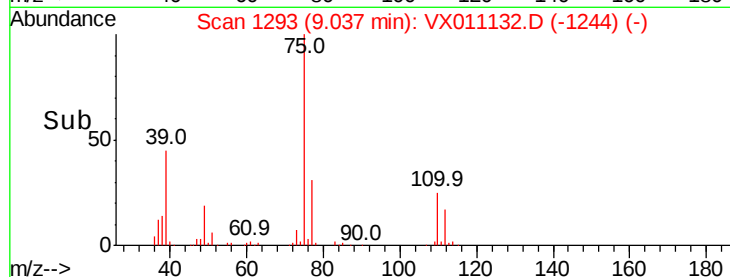
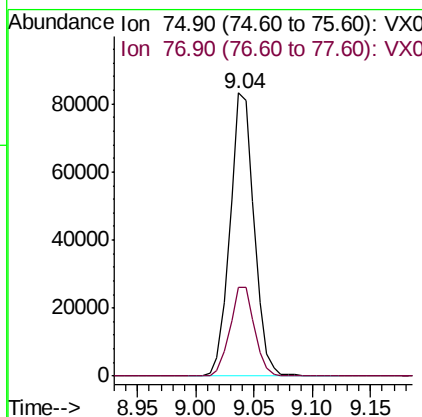
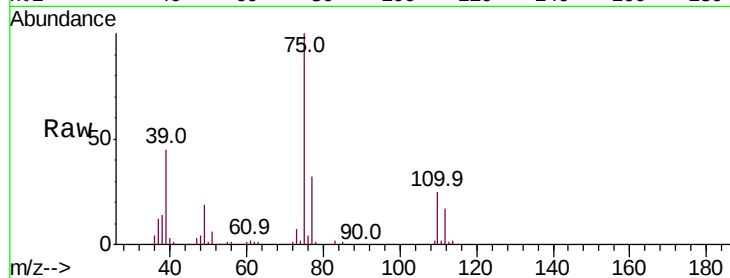
#53
t-1,3-Dichloropropene
Concen: 49.179 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 120164
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2

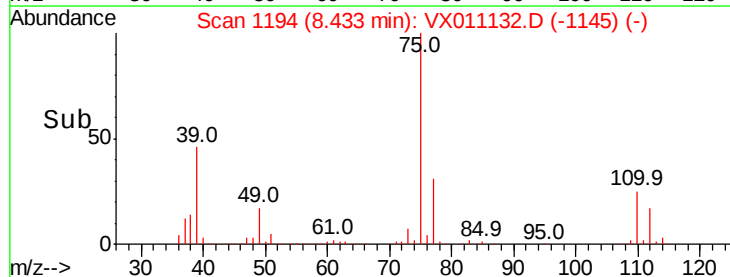
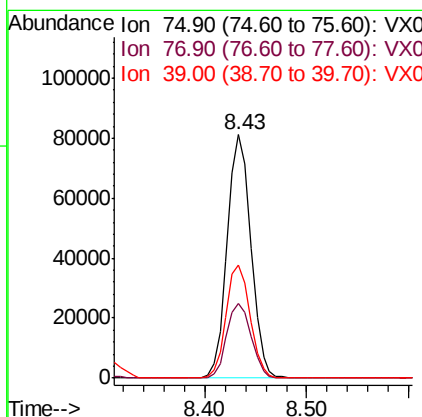
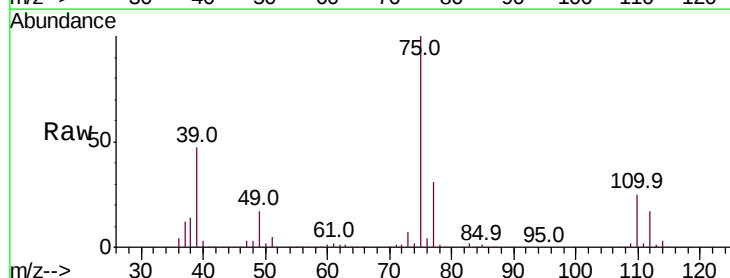
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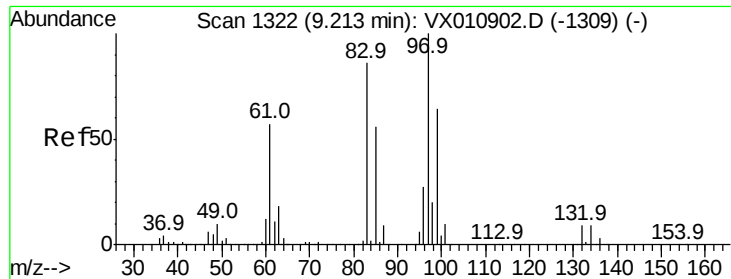
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#54
cis-1,3-Dichloropropene
Concen: 47.966 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion: 75 Resp: 130414
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 46.4 36.6 54.8





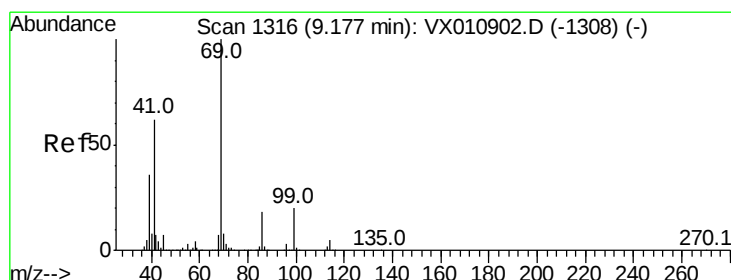
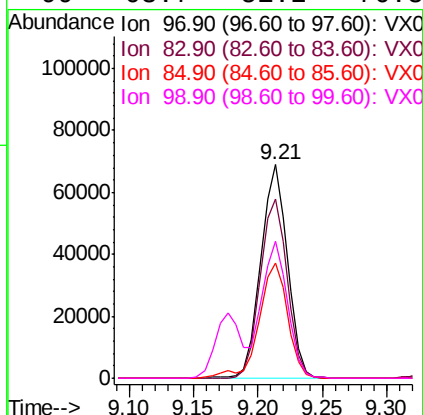
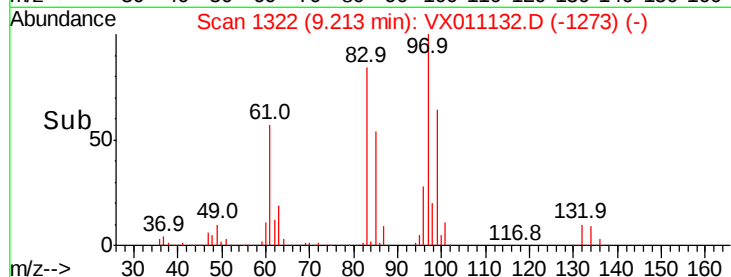
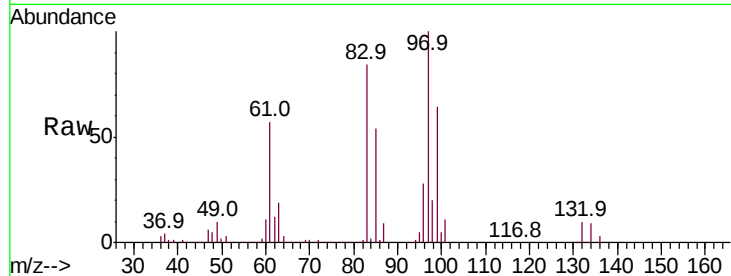
#55
 1,1,2-Trichloroethane
 Concen: 52.135 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	98983
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.2	103.8
85	54.2	44.6	66.8
99	63.7	51.2	76.8

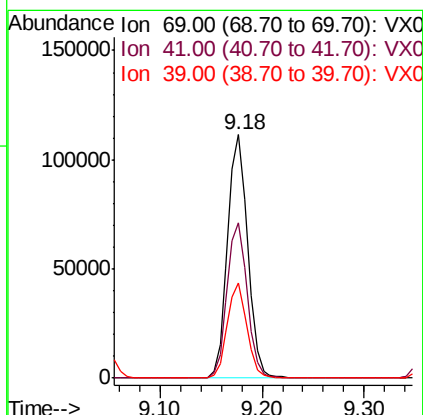
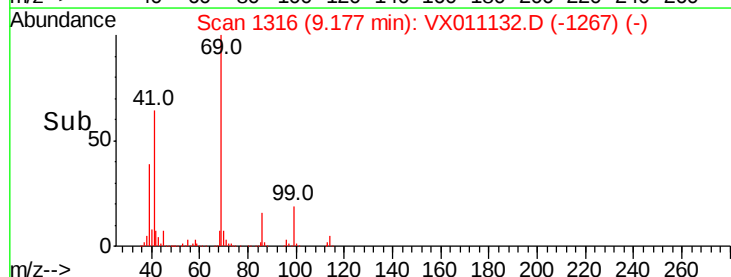
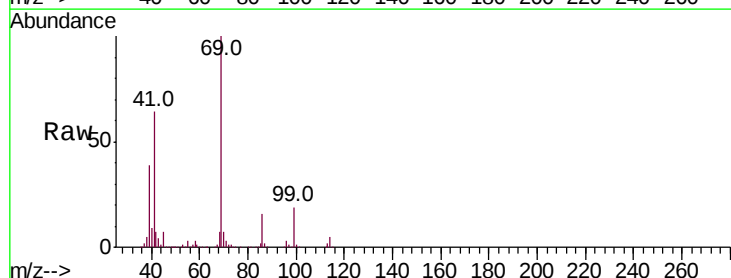
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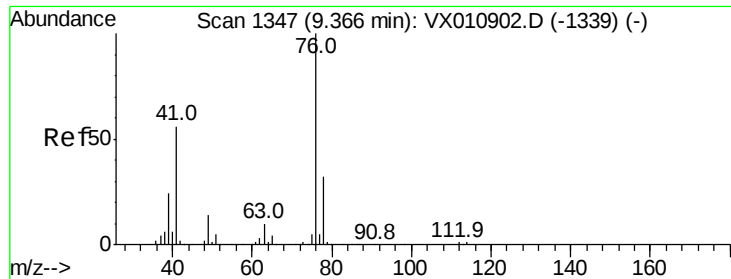
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#56
 Ethyl methacrylate
 Concen: 54.783 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Tgt Ion	69	Resp	152141
Ion	Ratio	Lower	Upper
69	100		
41	63.6	49.7	74.5
39	37.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 52.026 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 156695

Ion Ratio Lower Upper

76 100

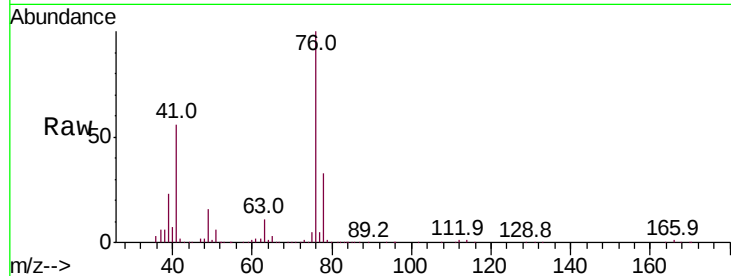
78 33.1 25.6 38.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

60000

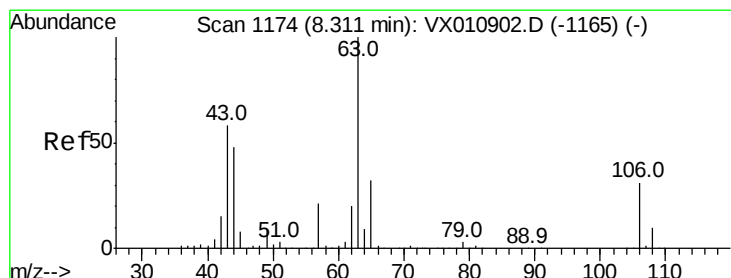
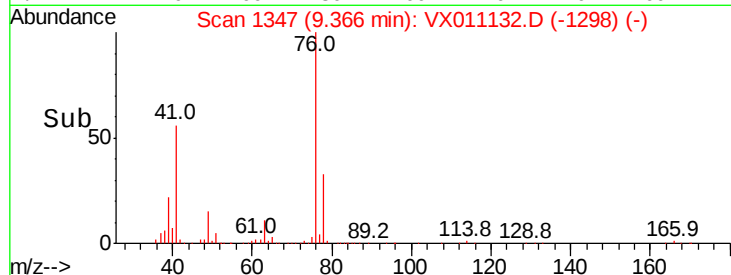
40000

20000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 268.126 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011132.D

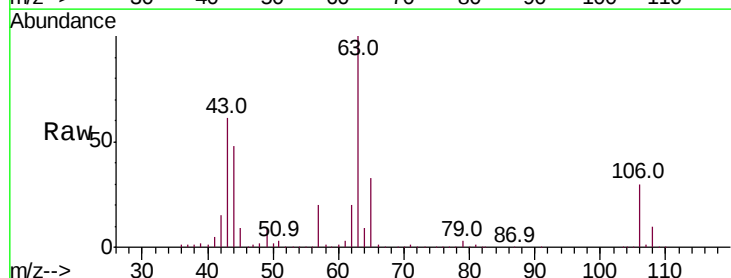
Acq: 27 Jul 2019 08:33

Tgt Ion: 63 Resp: 355459

Ion Ratio Lower Upper

63 100

106 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

150000

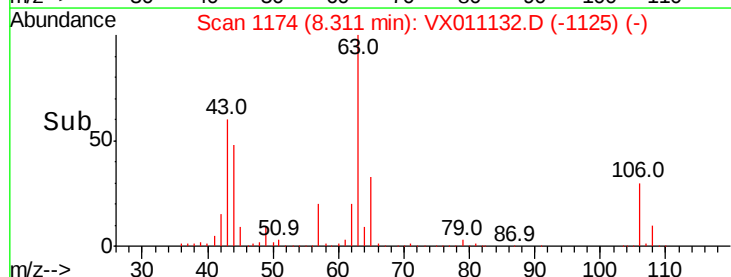
100000

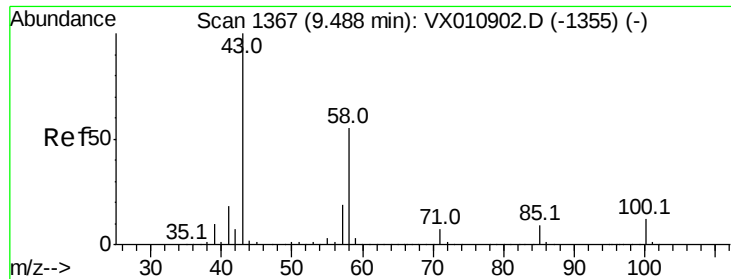
50000

0

Time-->

8.20 8.30 8.40





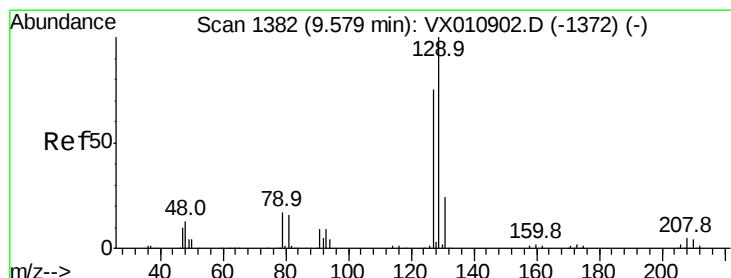
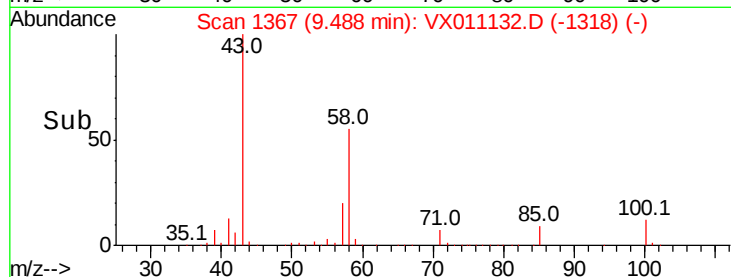
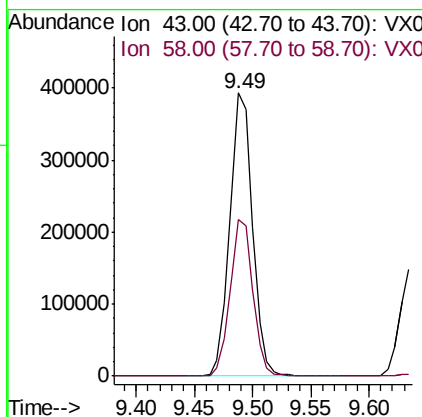
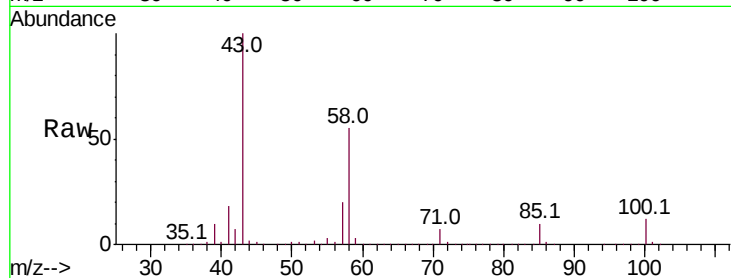
#59
2-Hexanone
Concen: 276.727 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 536795
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9

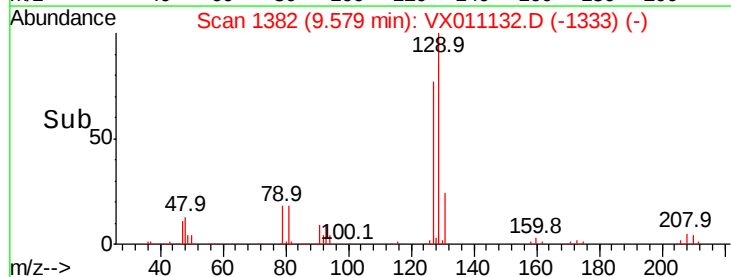
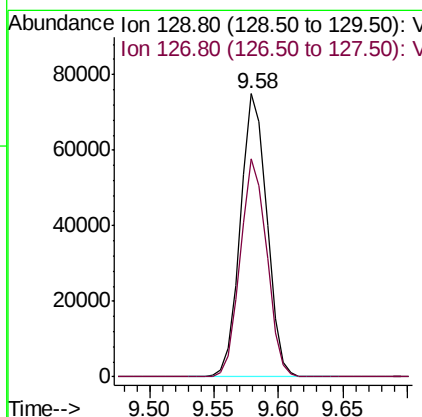
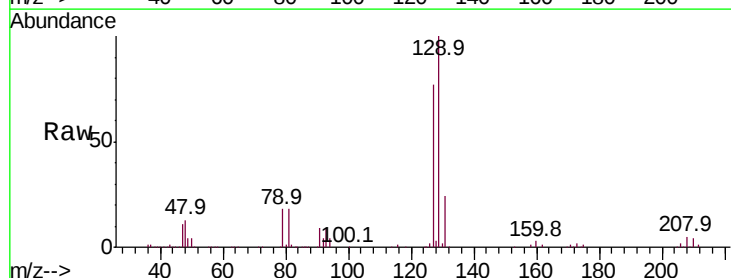
Manual Integrations
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#60
Dibromochloromethane
Concen: 48.856 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion: 129 Resp: 106620
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.120 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 107032

Ion Ratio Lower Upper

107 100

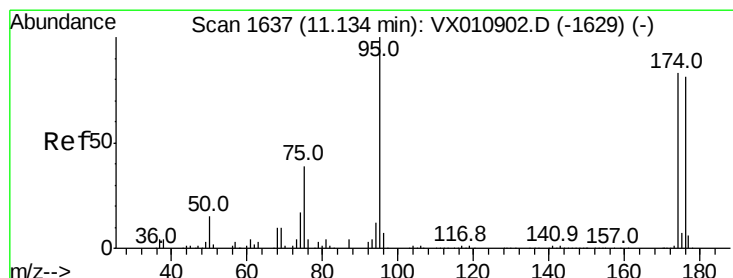
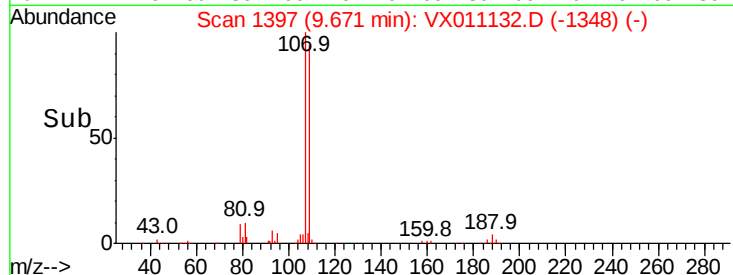
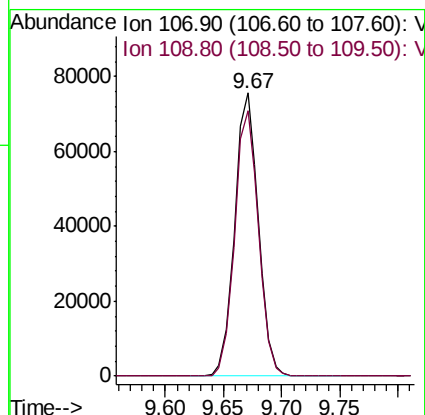
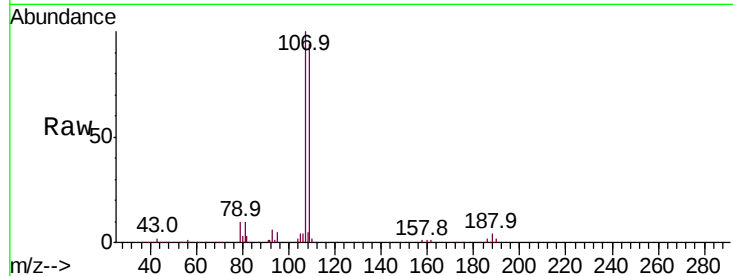
109 94.7 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 52.721 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

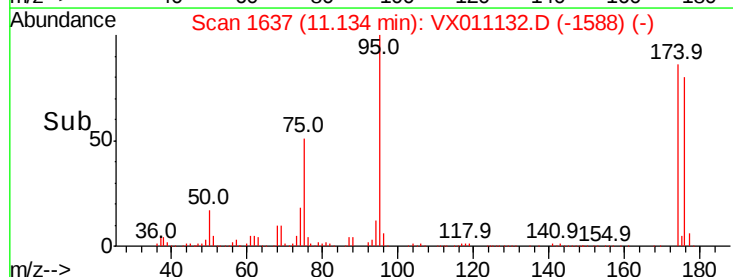
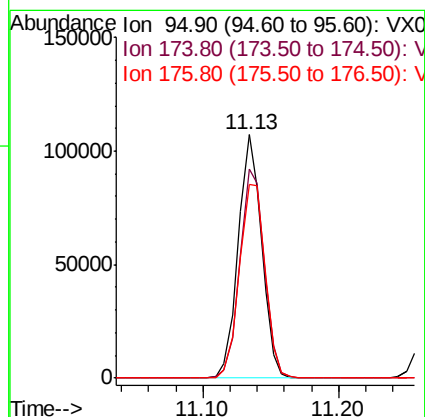
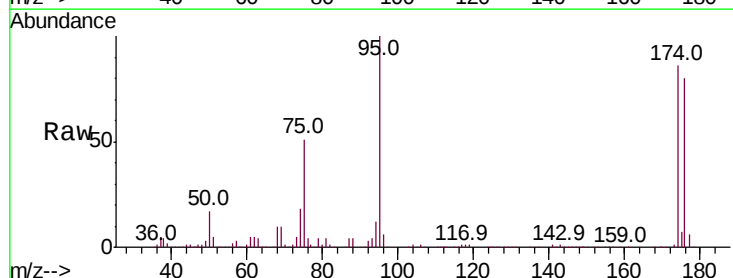
Tgt Ion: 95 Resp: 128693

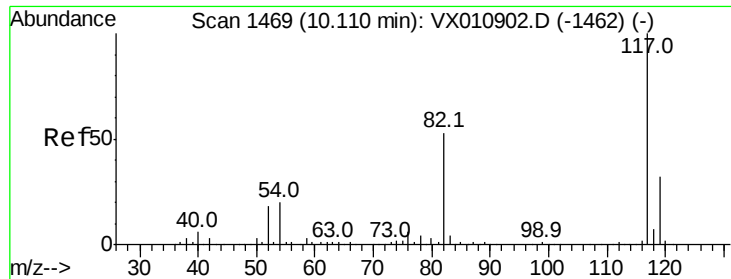
Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.6

176 87.3 0.0 173.8





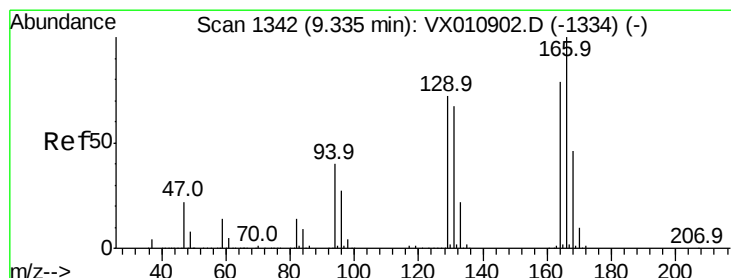
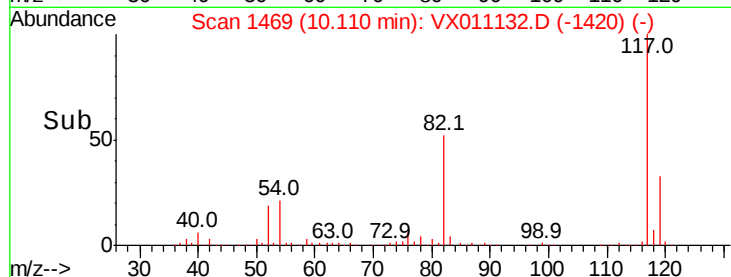
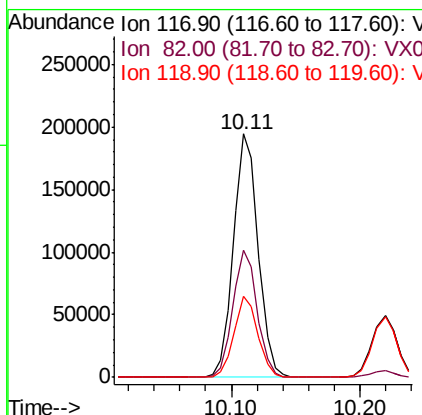
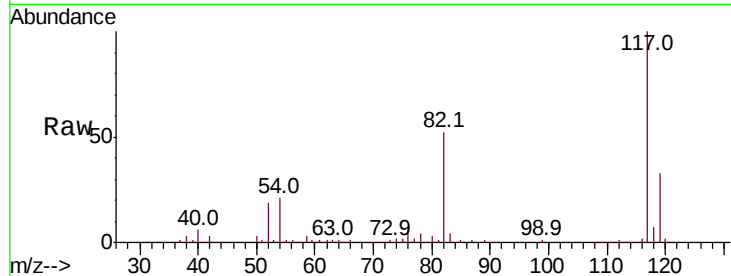
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	33.0	25.9	38.9

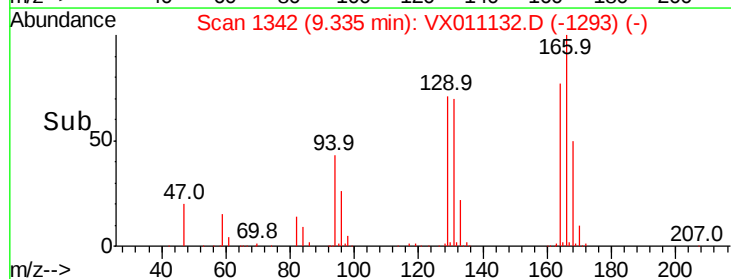
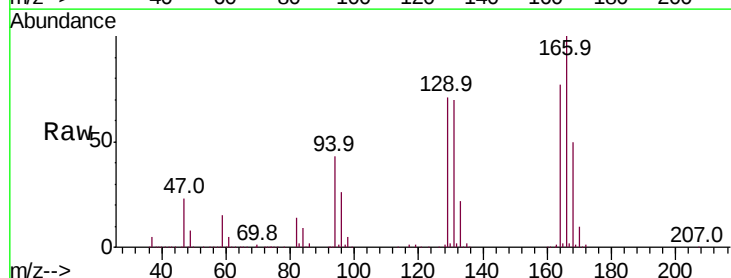
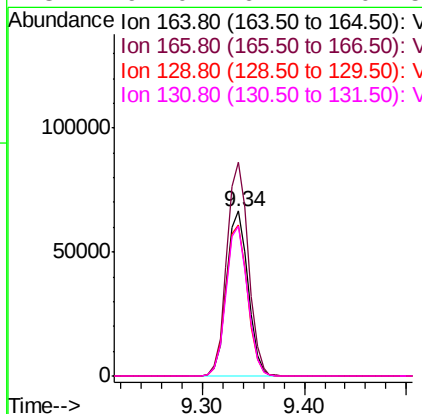
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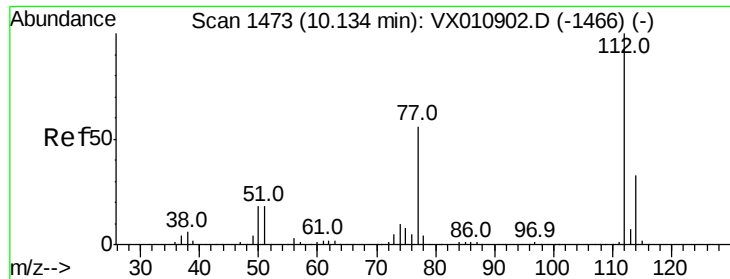
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#64
Tetrachloroethene
Concen: 47.201 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	100.8	151.2
129	91.6	72.6	109.0
131	91.0	67.7	101.5





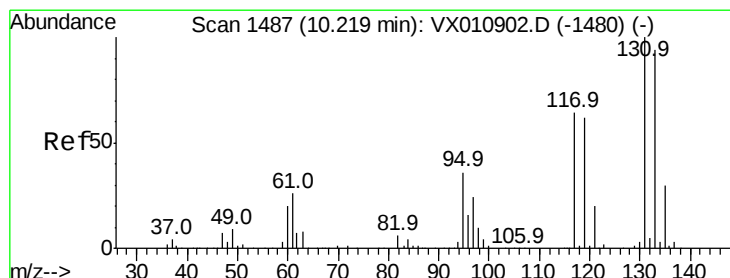
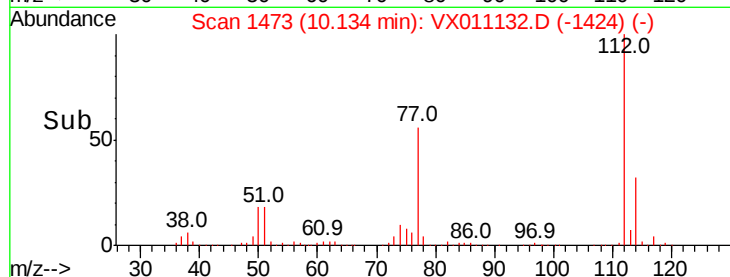
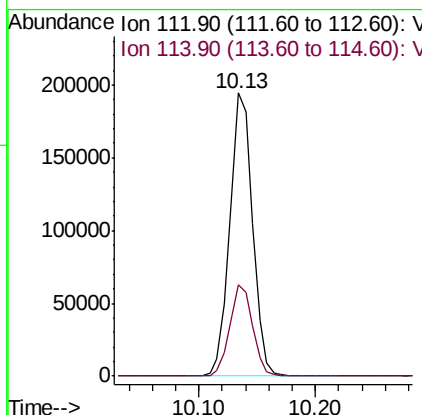
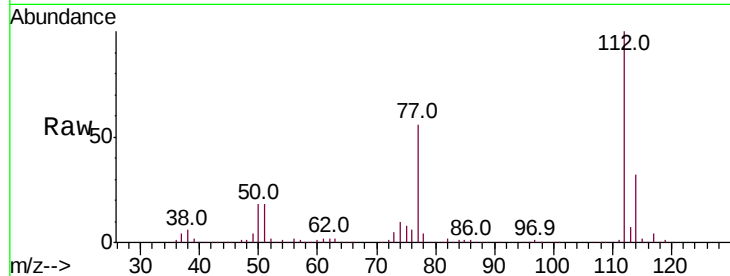
#65
Chlorobenzene
Concen: 49.745 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 265363
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

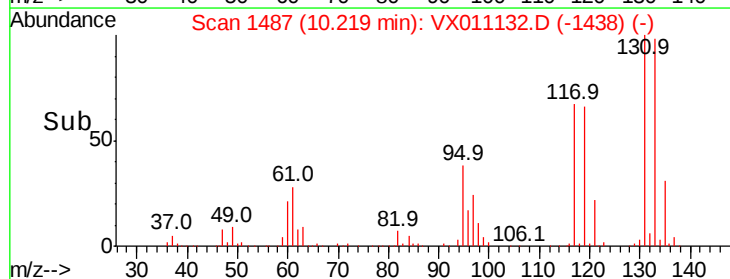
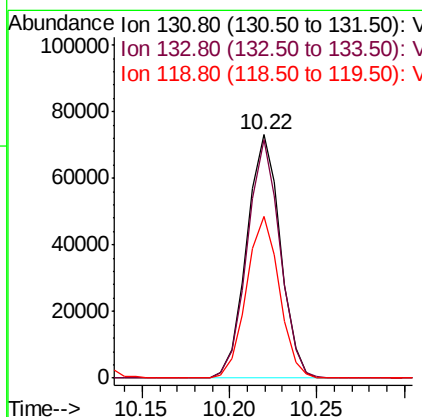
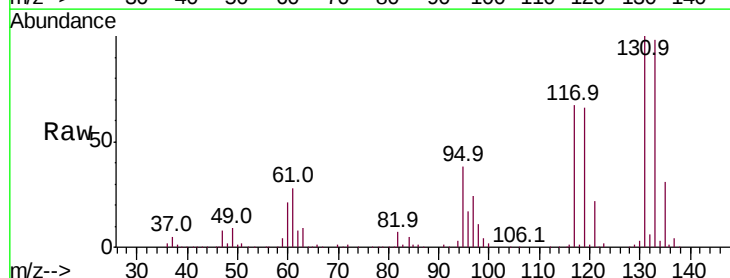
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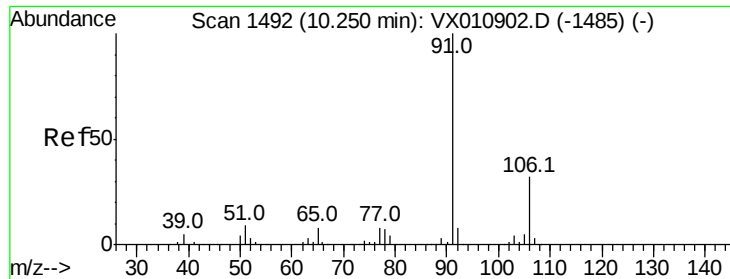
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.154 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion:131 Resp: 97779
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 65.0 31.9 95.7





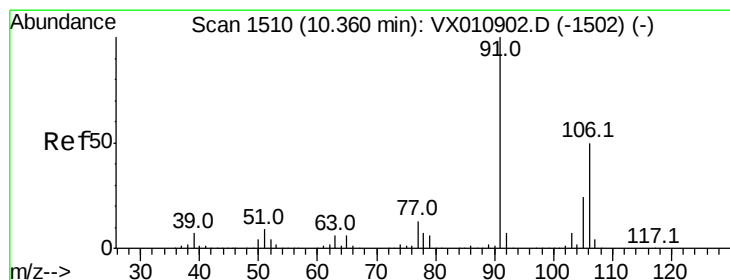
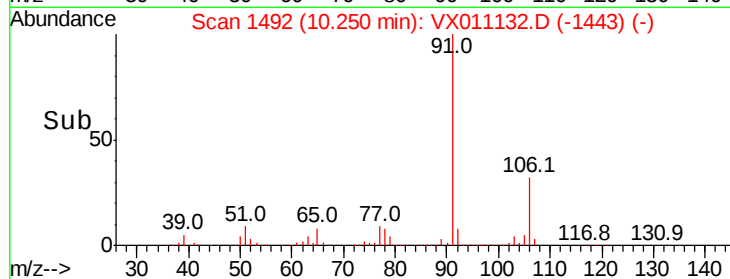
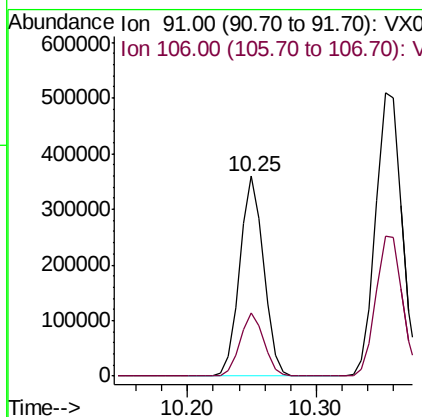
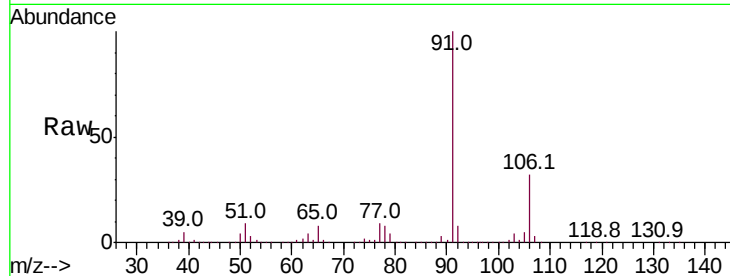
#67
Ethyl Benzene
Concen: 50.728 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 460606
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

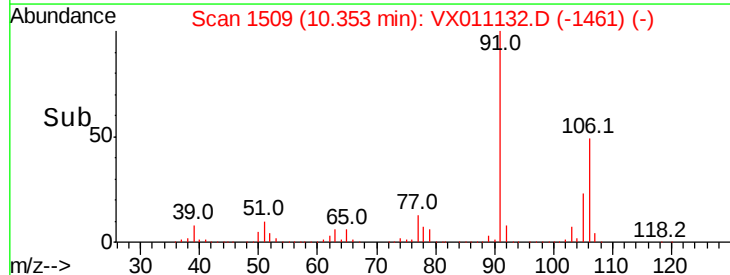
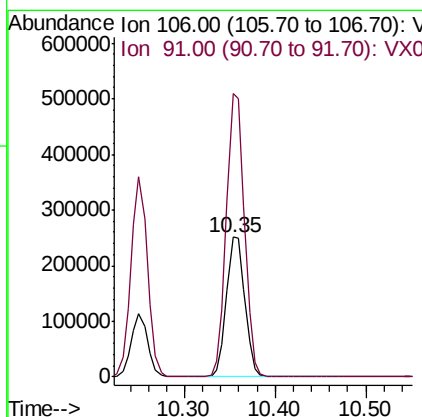
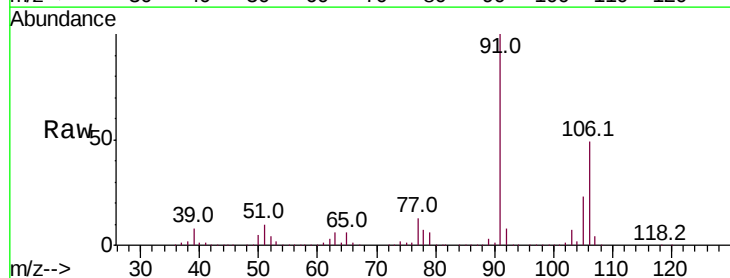
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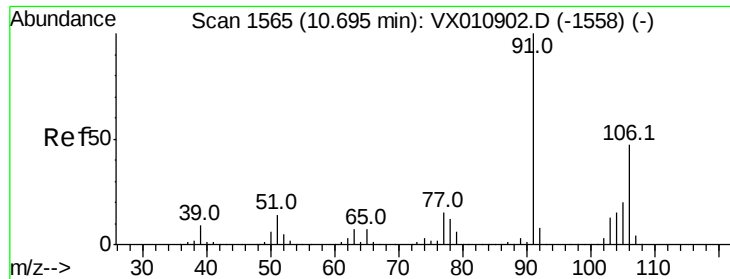
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#68
m/p-Xylenes
Concen: 101.712 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion: 106 Resp: 354257
Ion Ratio Lower Upper
106 100
91 200.0 160.1 240.1





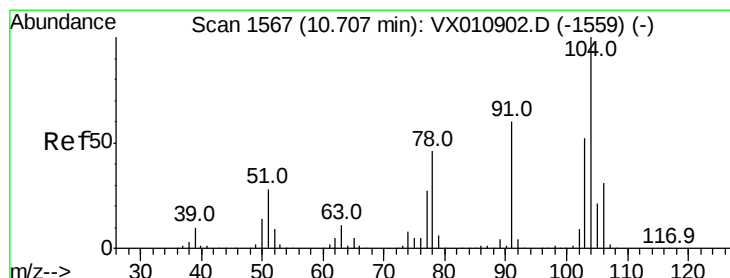
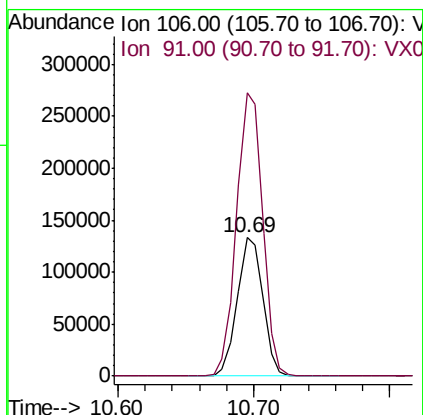
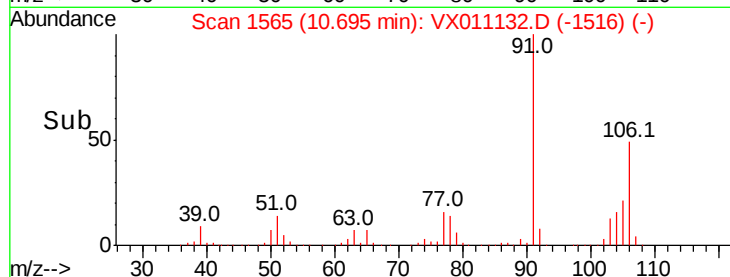
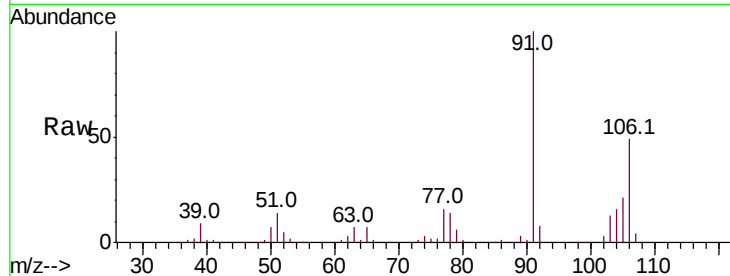
#69
o-Xylene
Concen: 51.482 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 174998
Ion Ratio Lower Upper
106 100
91 208.3 105.1 315.3

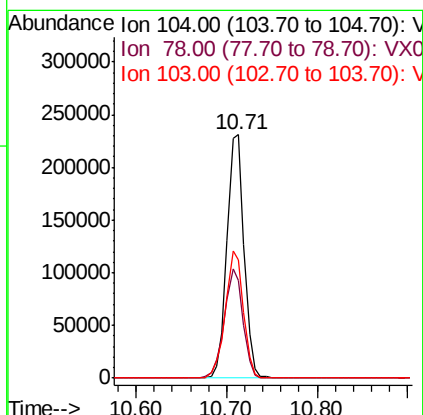
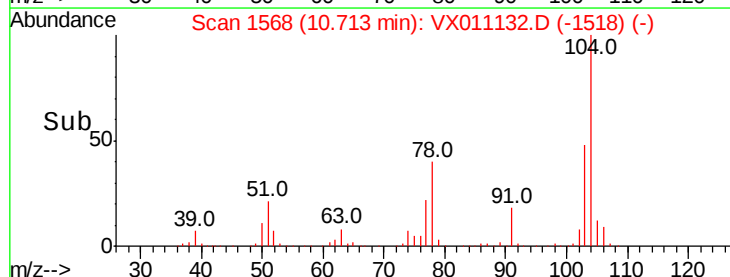
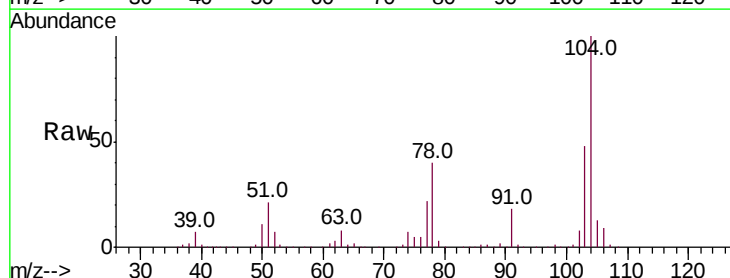
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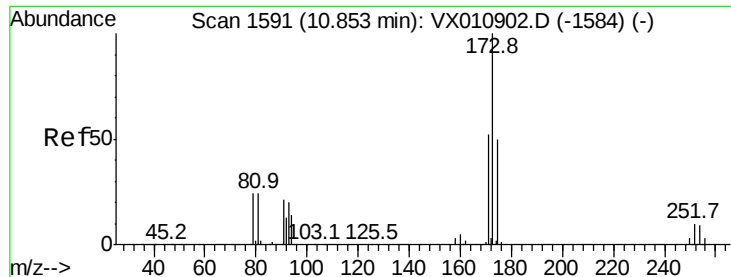
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#70
Styrene
Concen: 53.596 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion:104 Resp: 303701
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 55.1 44.2 66.4





#71

Bromoform

Concen: 47.444 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 80755

Ion Ratio Lower Upper

173 100

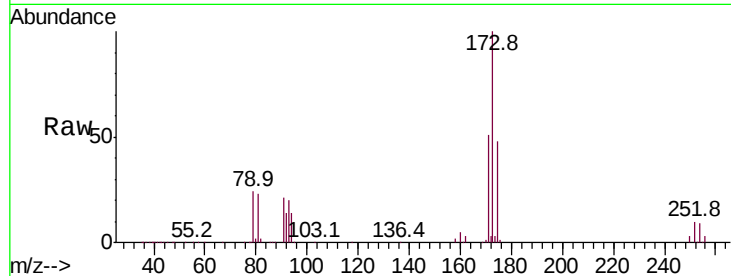
175 48.9 24.6 73.6

254 0.2 0.1 0.1#

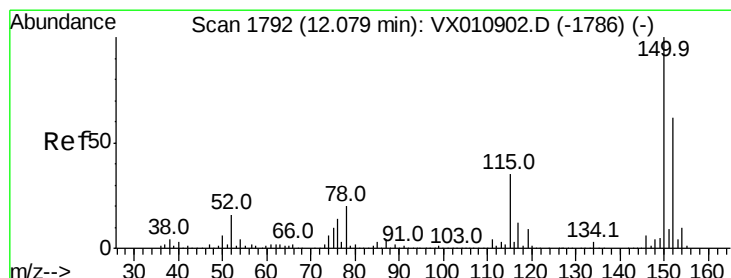
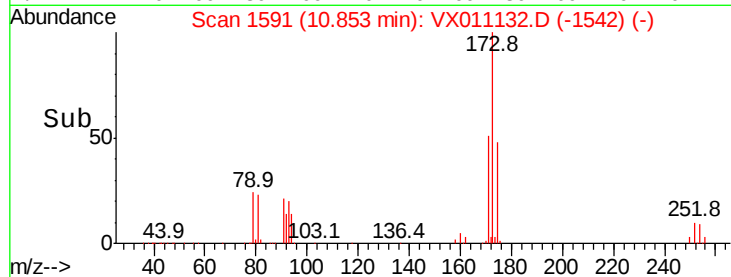
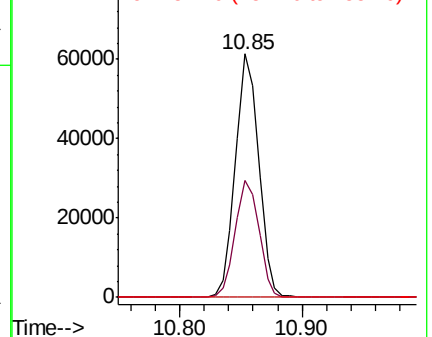
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

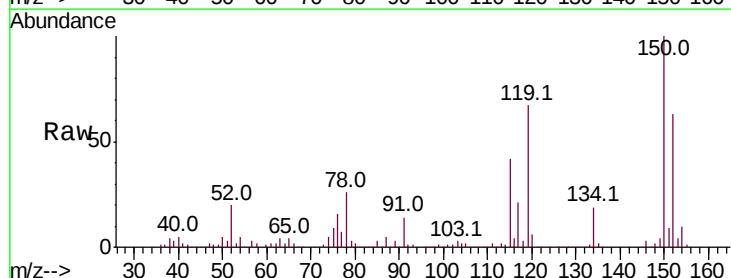
Tgt Ion:152 Resp: 139501

Ion Ratio Lower Upper

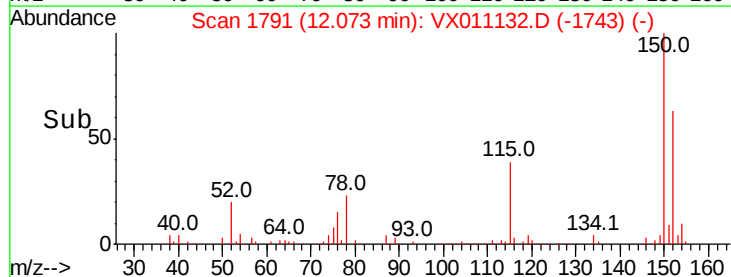
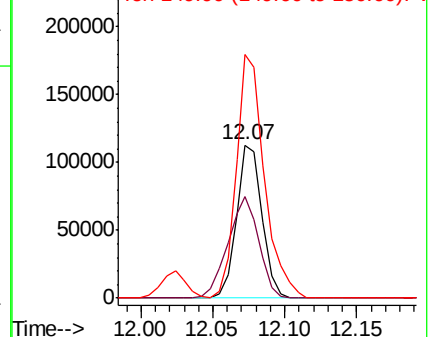
152 100

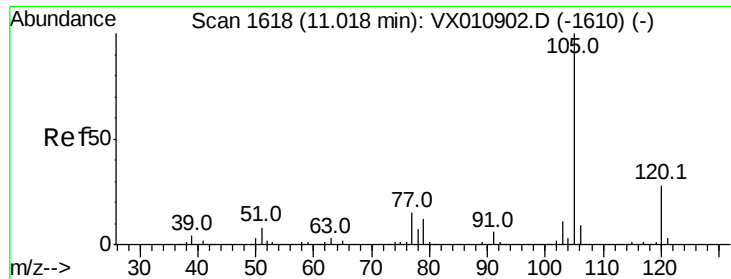
115 80.5 39.7 119.1

150 175.1 0.0 345.6



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: 50.322 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 474340

Ion Ratio Lower Upper

105 100

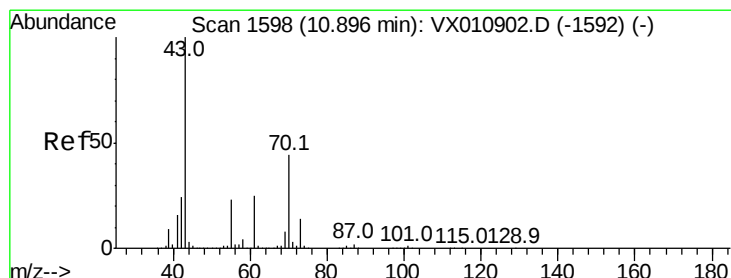
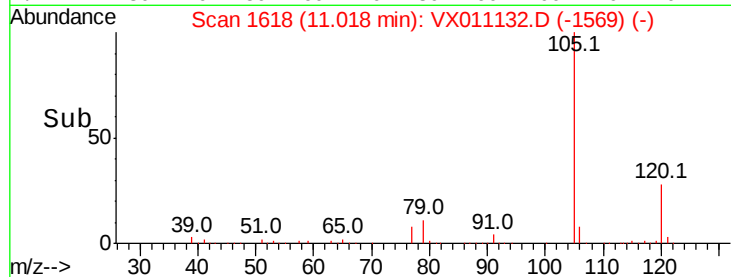
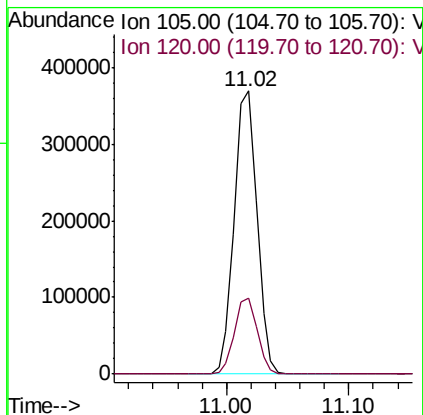
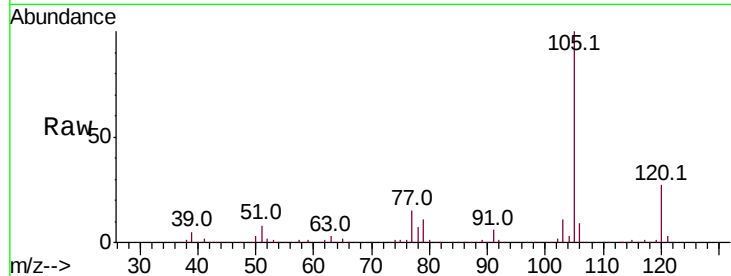
120 26.9 13.7 41.1

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#74

N-ethyl acetate

Concen: 53.054 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion: 43 Resp: 191079

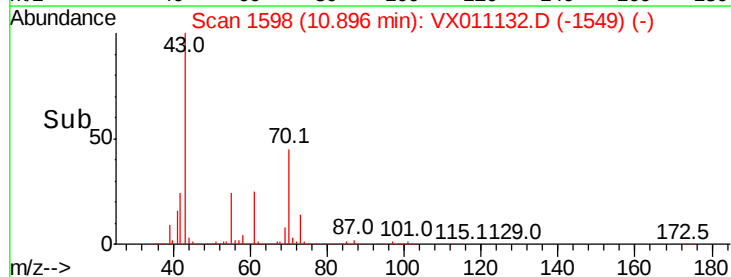
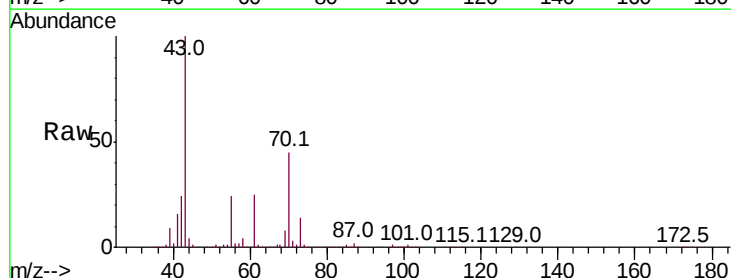
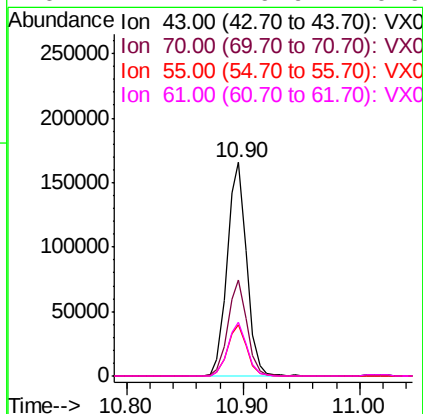
Ion Ratio Lower Upper

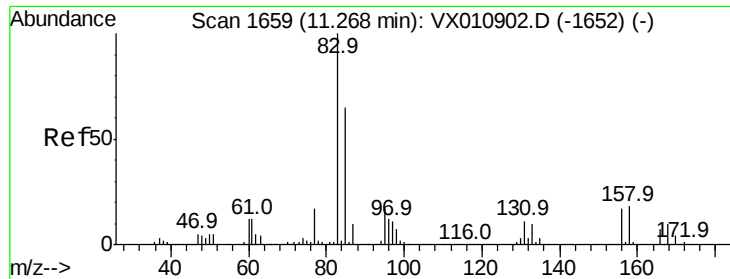
43 100

70 44.1 34.7 52.1

55 24.2 19.1 28.7

61 24.7 19.9 29.9





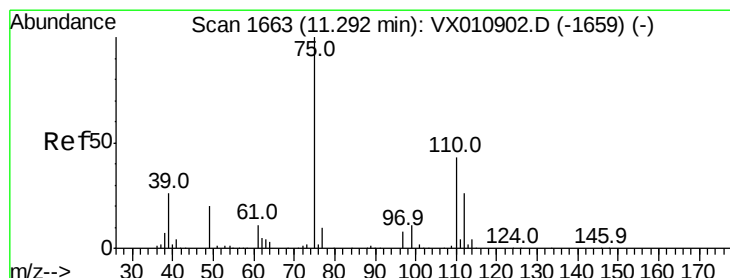
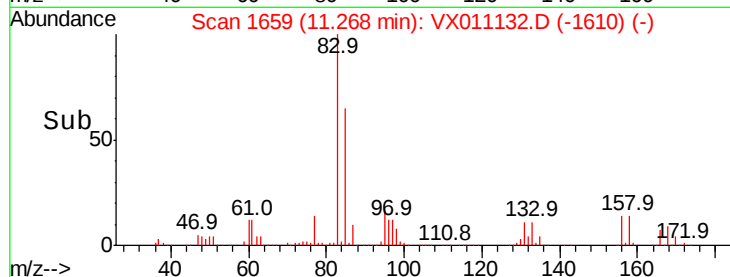
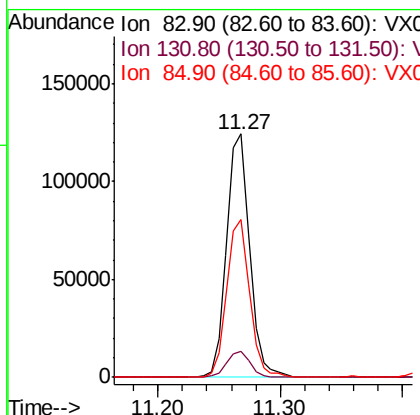
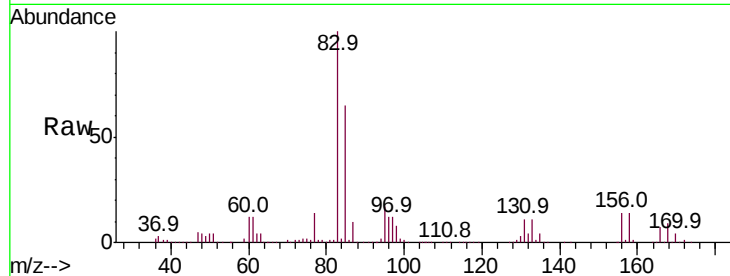
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.307 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	83	Resp:	161352
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	64.7	32.3	96.9

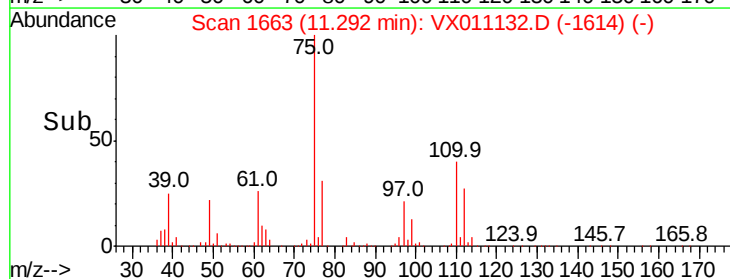
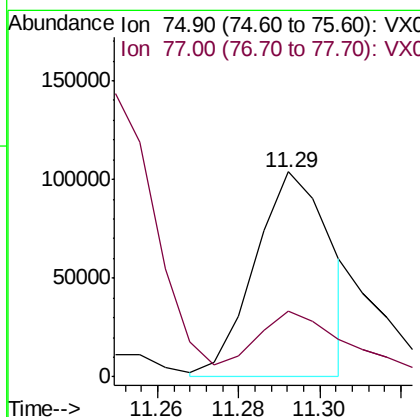
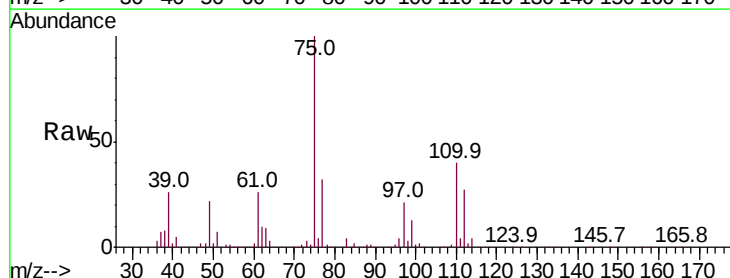
Manual Integrations
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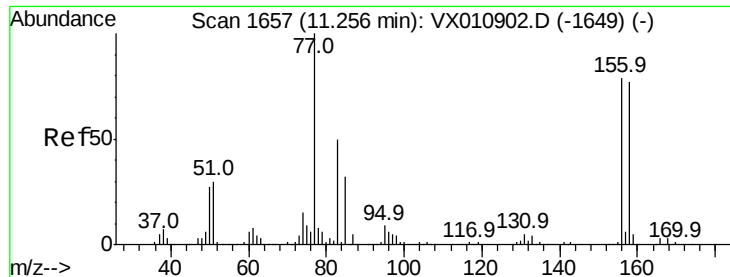
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#76
 1,2,3-Trichloropropane
 Concen: 53.188 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Tgt Ion:	75	Resp:	133893
Ion Ratio	Lower	Upper	
75	100		
77	39.6	21.3	64.0





#77

Bromobenzene

Concen: 49.787 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

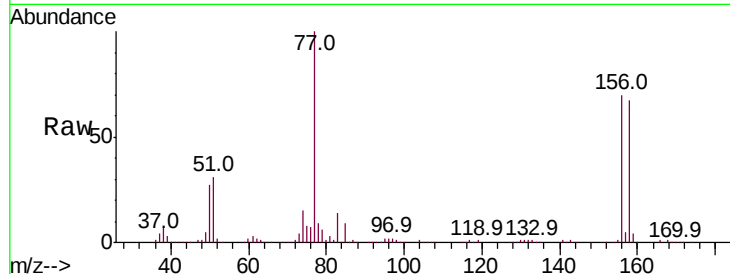
ClientSampleId :

VSTDCCC050EC

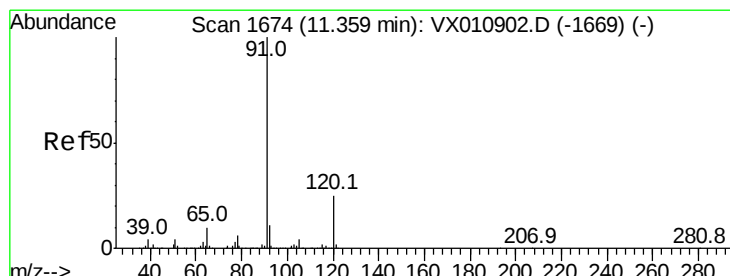
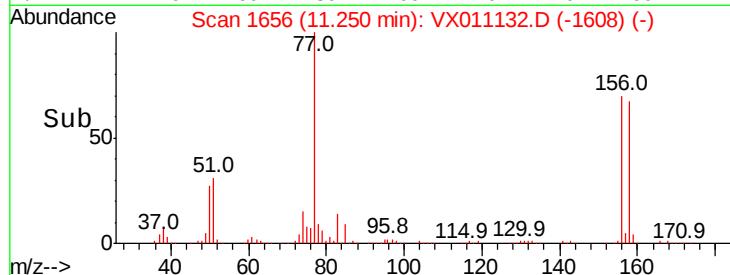
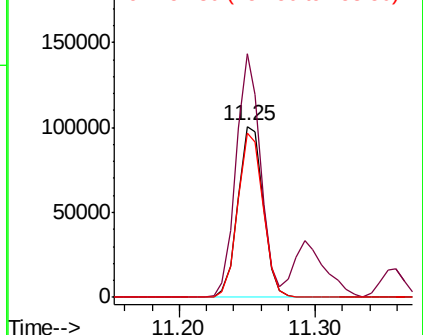
Tot Ion:	156	Resp:	129447
Ion Ratio	Lower	Upper	
156	100		
77	138.5	68.7	206.1
158	96.7	47.9	143.7

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



#78

n-propylbenzene

Concen: 50.484 ug/l

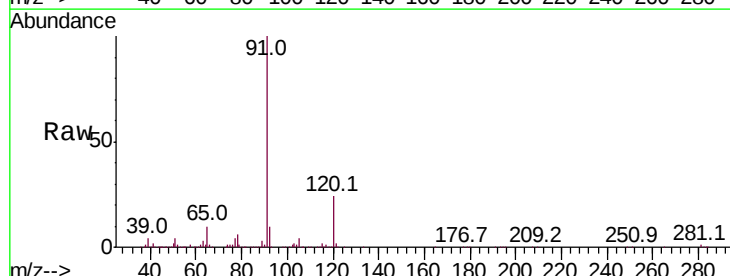
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

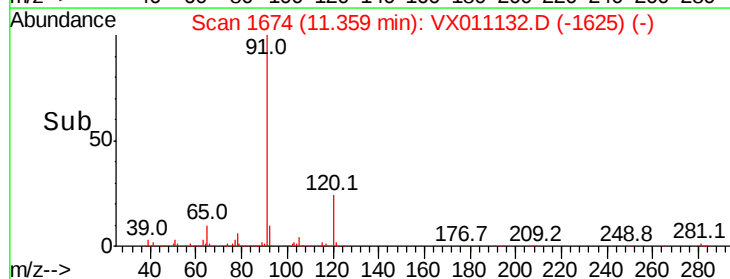
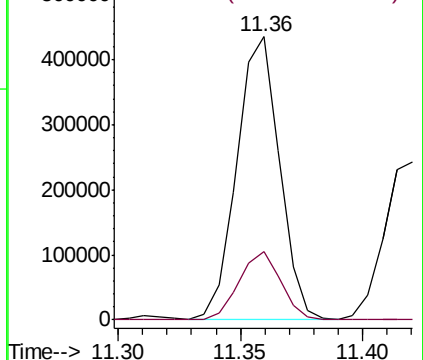
Lab File: VX011132.D

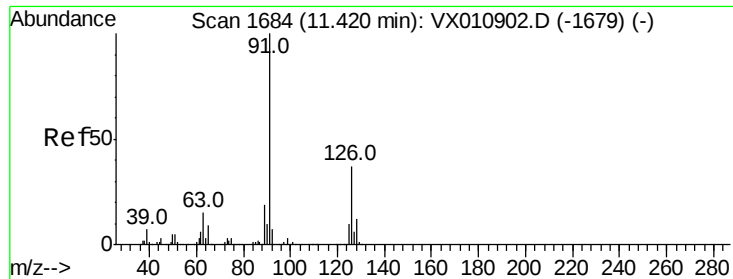
Acq: 27 Jul 2019 08:33

Tgt Ion:	91	Resp:	525788
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.3	36.8



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





#79

2-Chlorotoluene

Concen: 50.257 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 314434

Ion Ratio Lower Upper

91 100

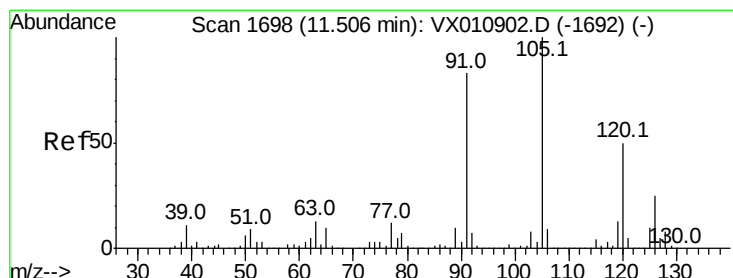
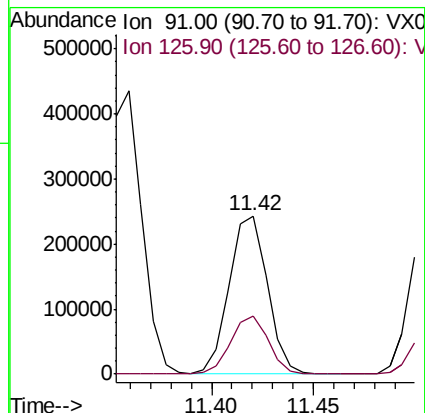
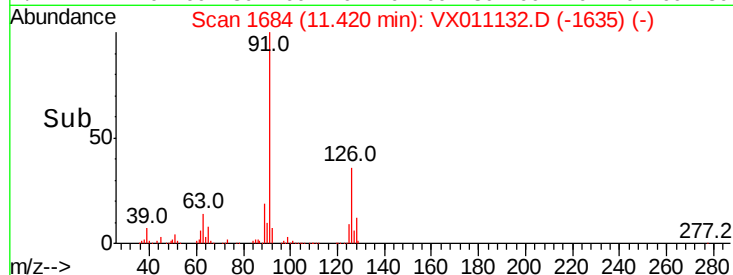
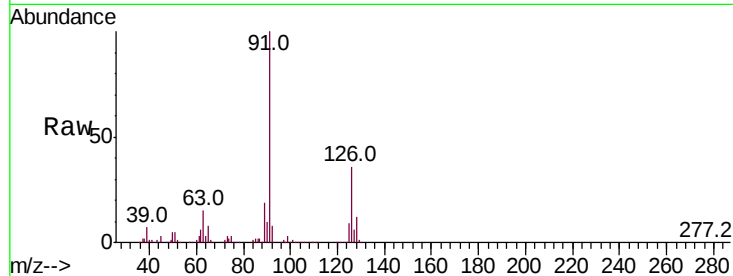
126 36.2 18.0 54.0

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#80

1,3,5-Trimethylbenzene

Concen: 50.853 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011132.D

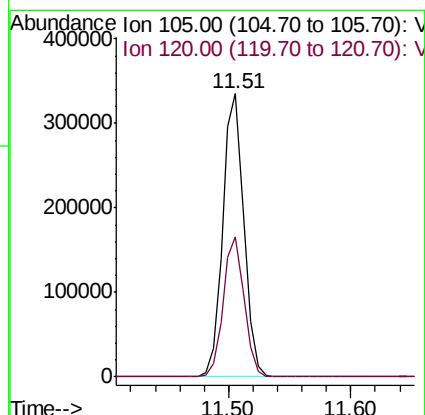
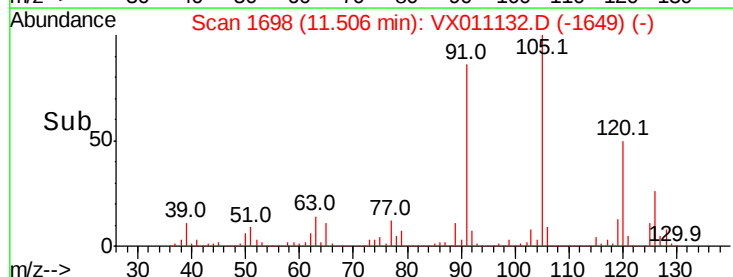
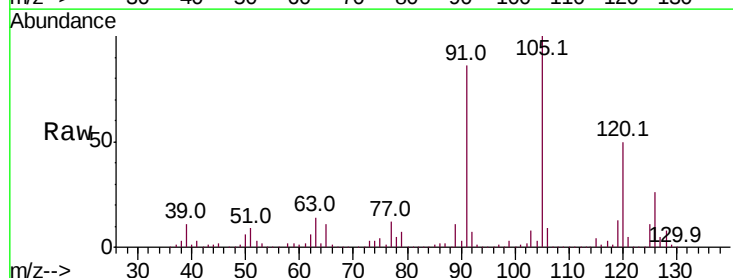
Acq: 27 Jul 2019 08:33

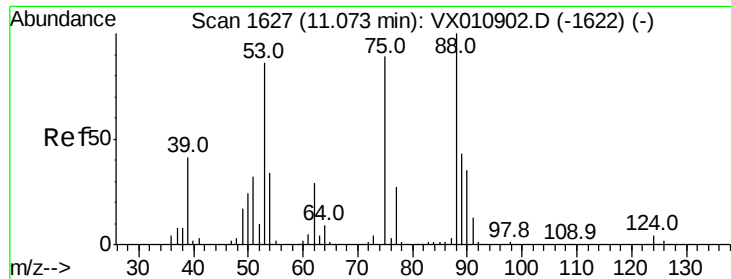
Tgt Ion: 105 Resp: 400538

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





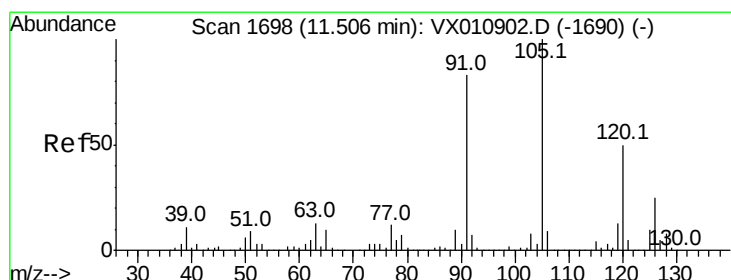
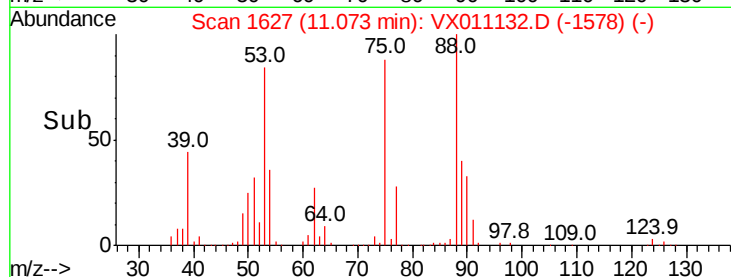
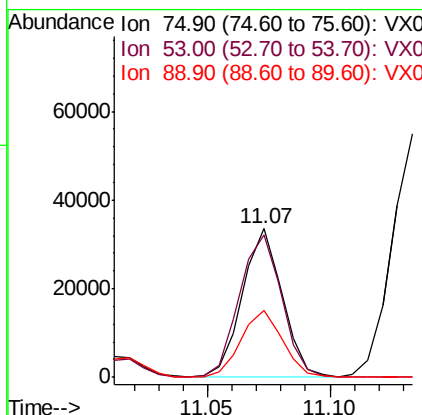
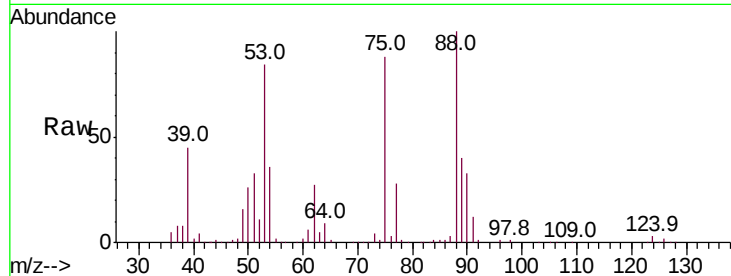
#81
trans-1,4-Dichloro-2-butene
Concen: 39.645 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	76.7	115.1
89	46.7	38.5	57.7

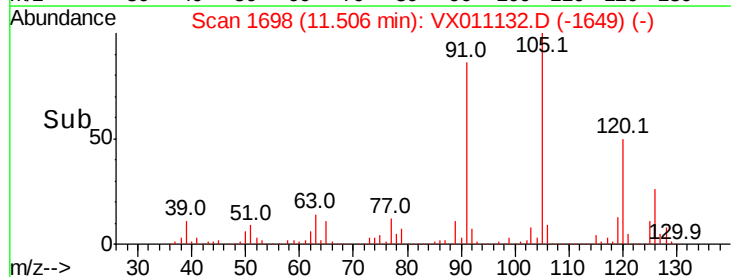
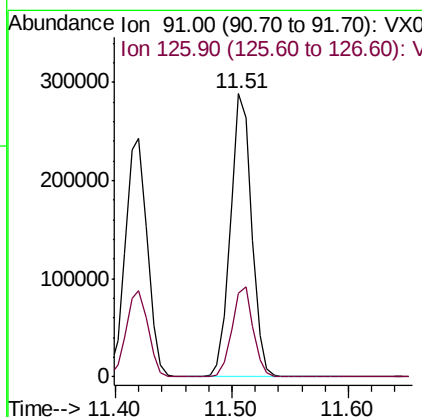
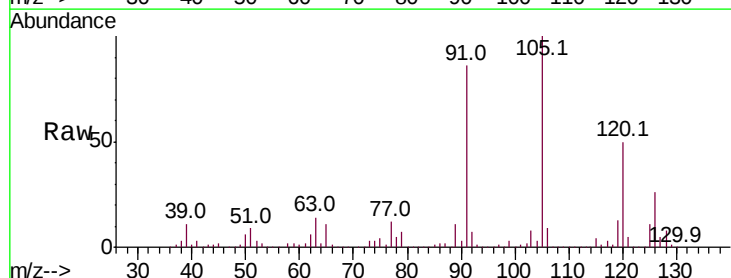
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#82
4-Chlorotoluene
Concen: 50.222 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.7





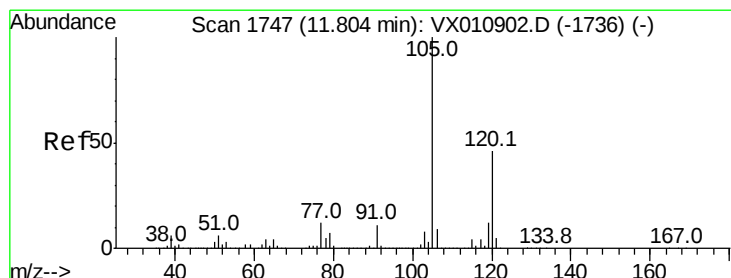
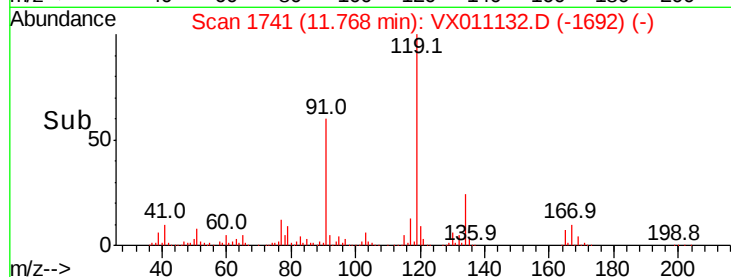
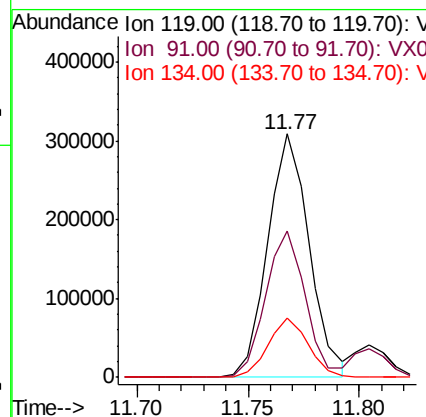
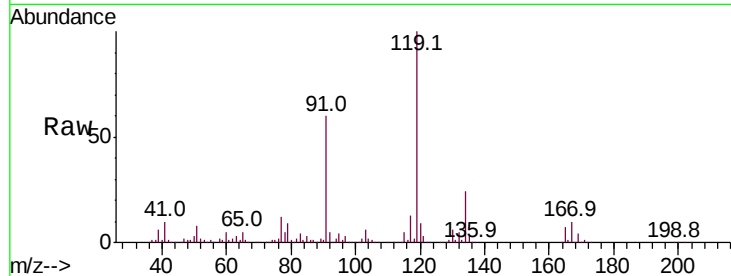
#83
tert-Butylbenzene
Concen: 51.587 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	399108		
91	58.0		28.6	85.8
134	23.5		11.6	34.8

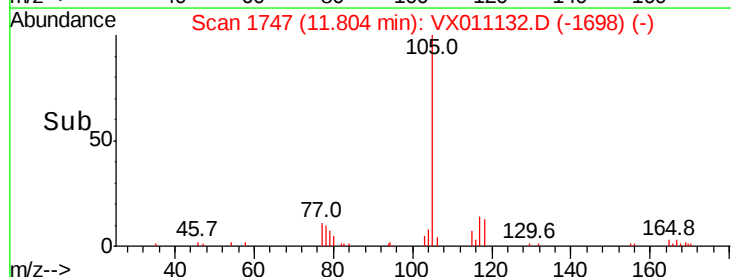
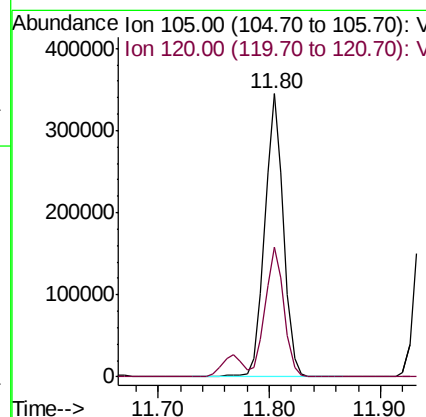
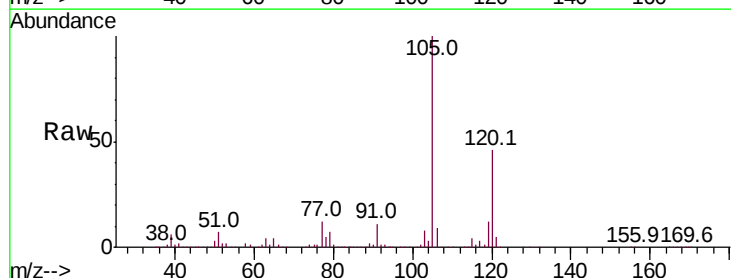
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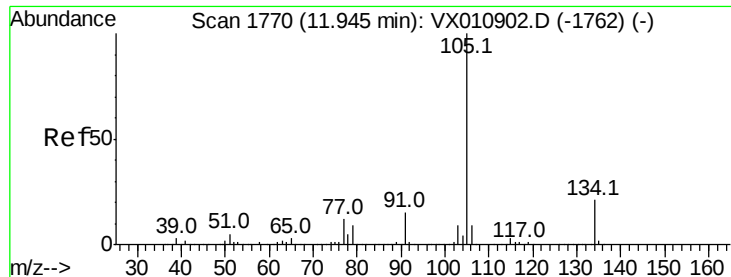
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#84
1,2,4-Trimethylbenzene
Concen: 50.868 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	403826		
120	46.2		22.9	68.5





#85

sec-Butylbenzene

Concen: 51.383 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 465799

Ion Ratio Lower Upper

105 100

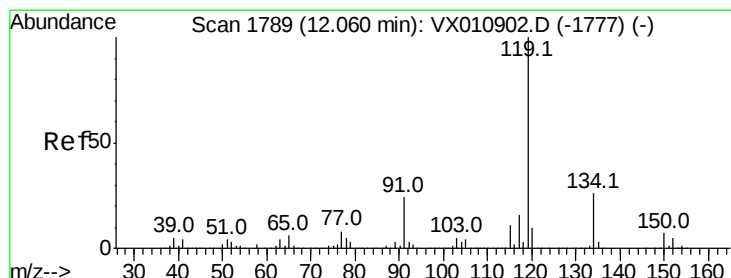
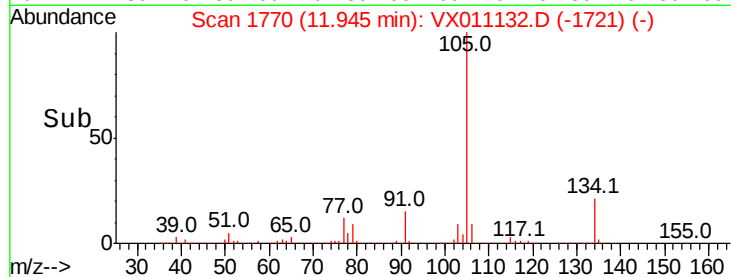
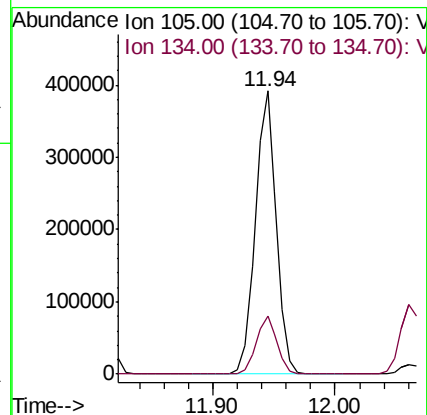
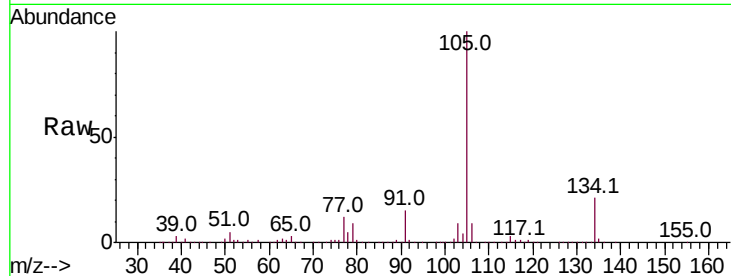
134 20.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 50.946 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

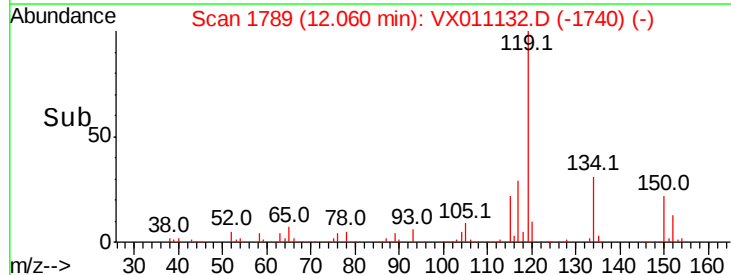
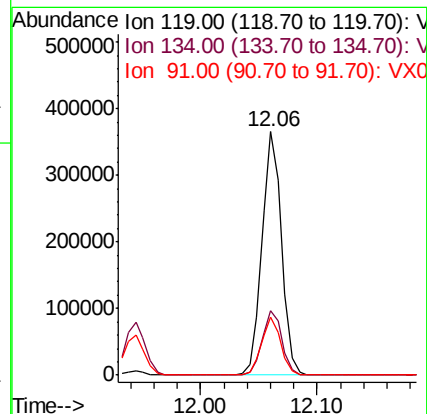
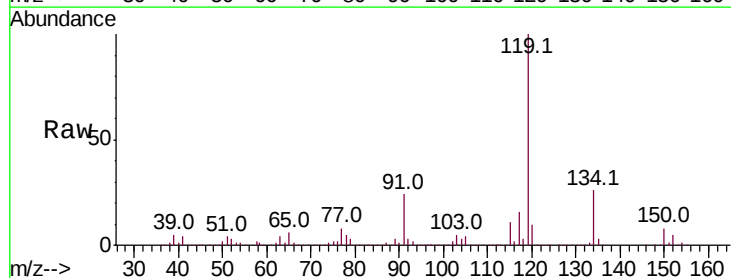
Tgt Ion:119 Resp: 426967

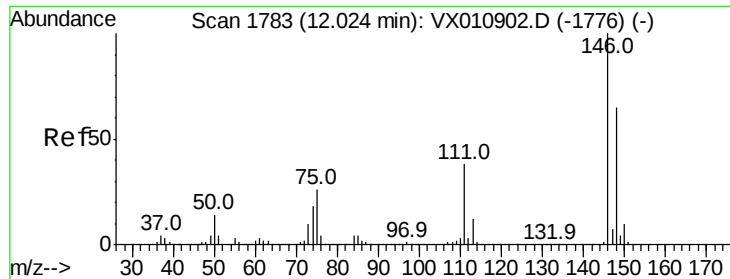
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.5 11.8 35.4





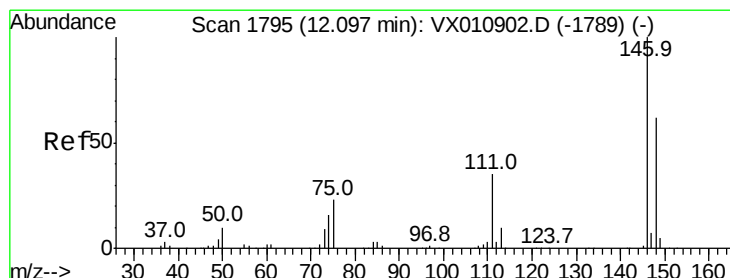
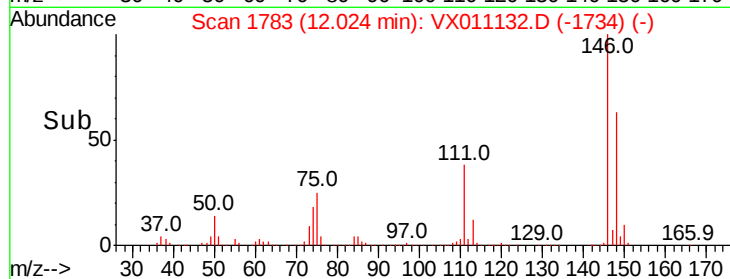
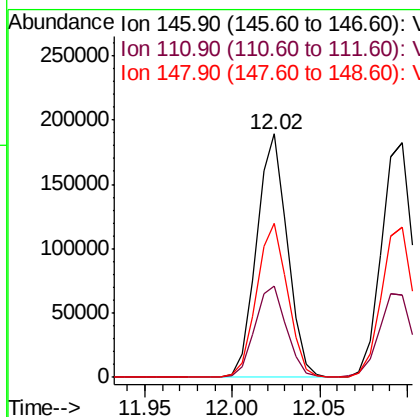
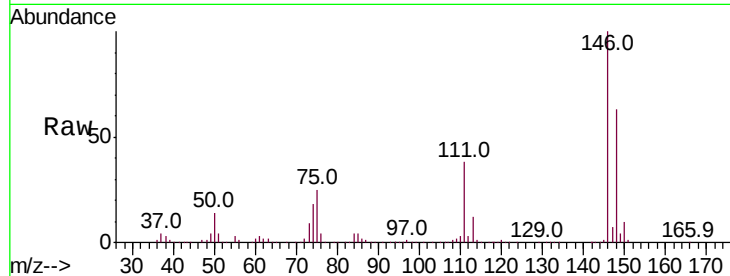
#87
 1,3-Dichlorobenzene
 Concen: 51.108 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.7	32.2	96.6

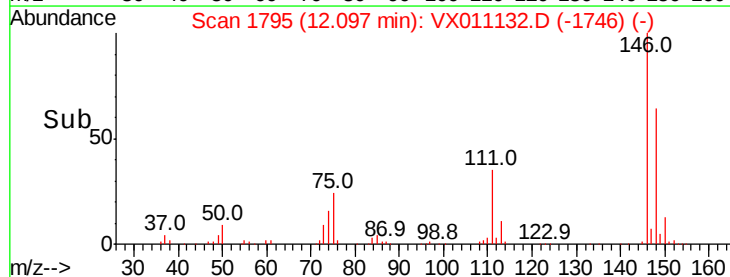
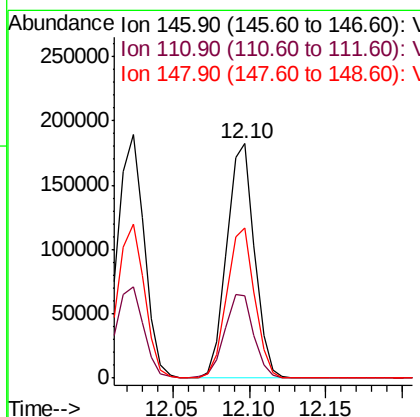
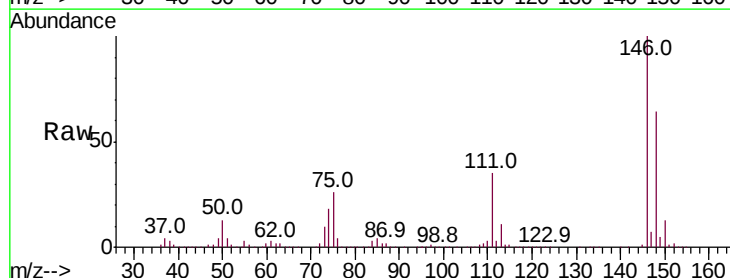
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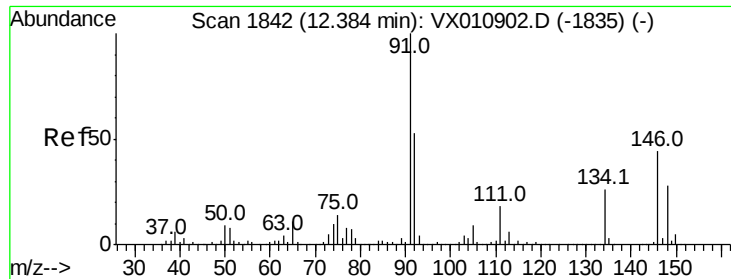
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#88
 1,4-Dichlorobenzene
 Concen: 49.444 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.6	31.6	94.7





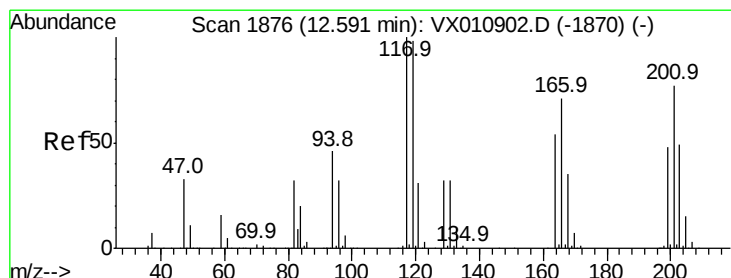
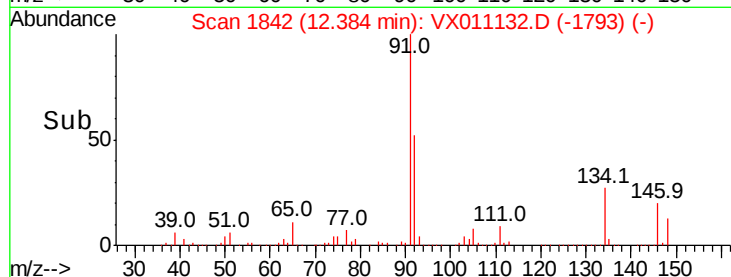
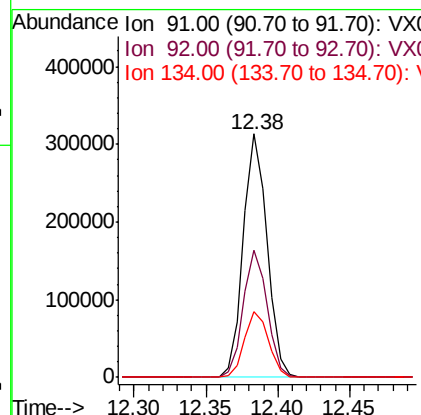
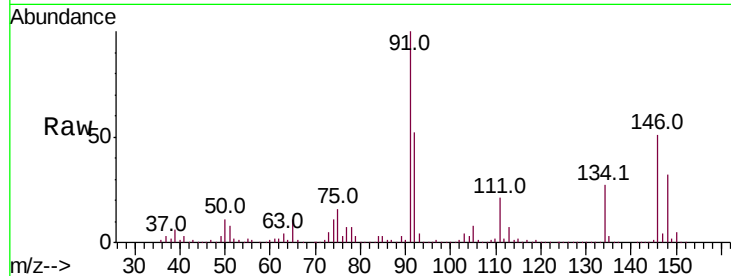
#89
n-Butylbenzene
Concen: 50.442 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	27.3	13.8	41.3

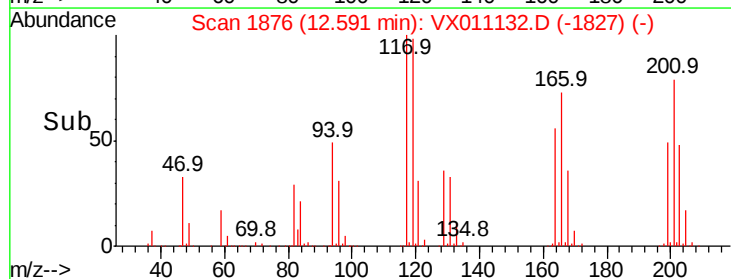
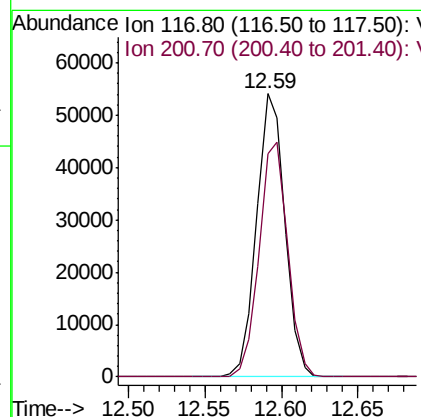
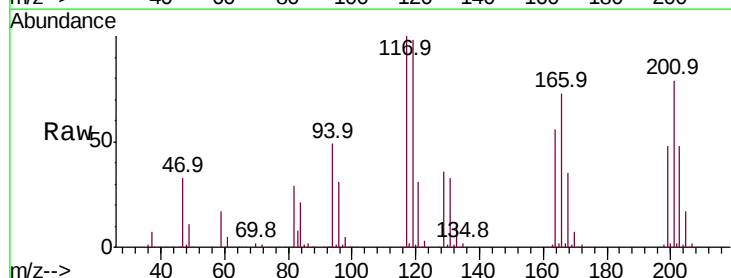
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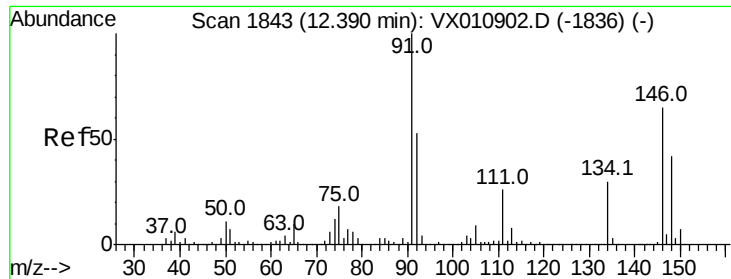
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#90
Hexachloroethane
Concen: 52.598 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011132.D
Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	43.3	129.8





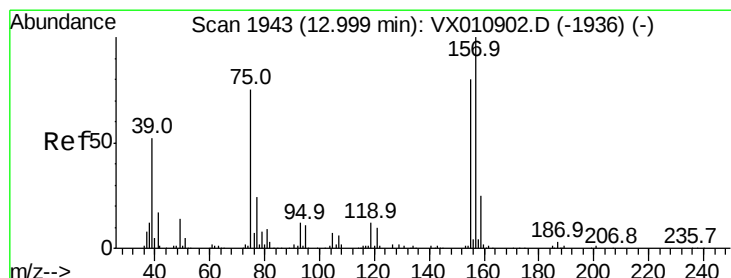
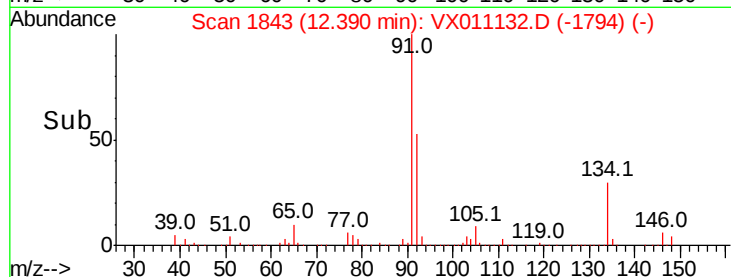
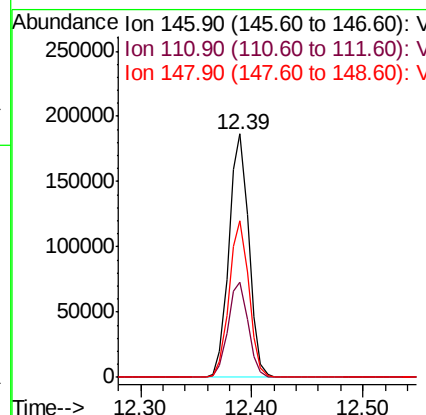
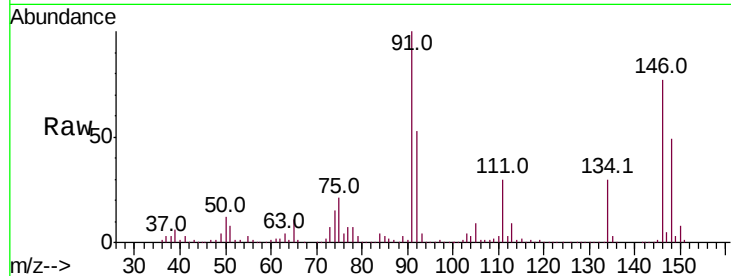
#91
 1,2-Dichlorobenzene
 Concen: 51.403 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.0	32.0	96.2

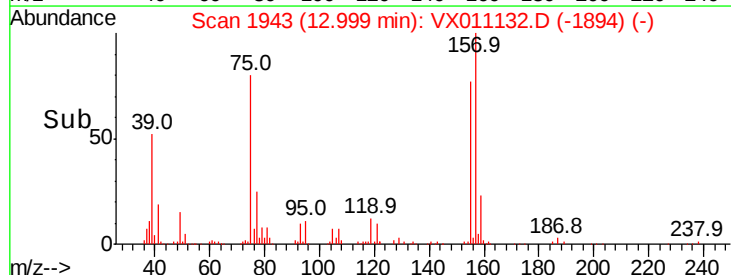
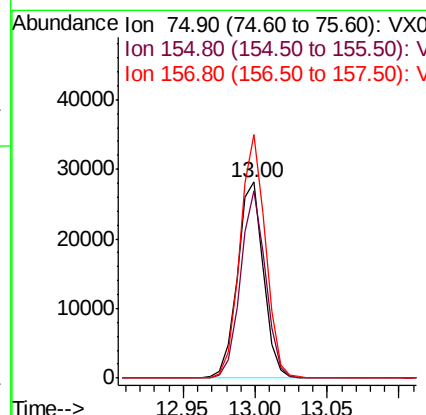
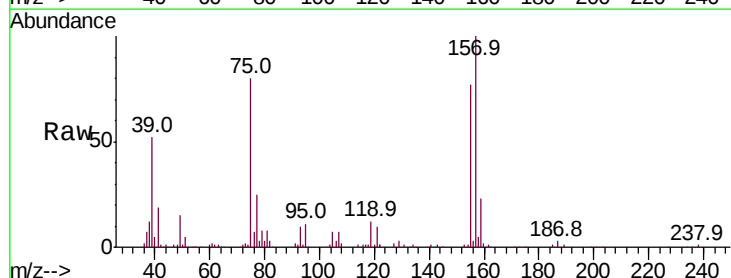
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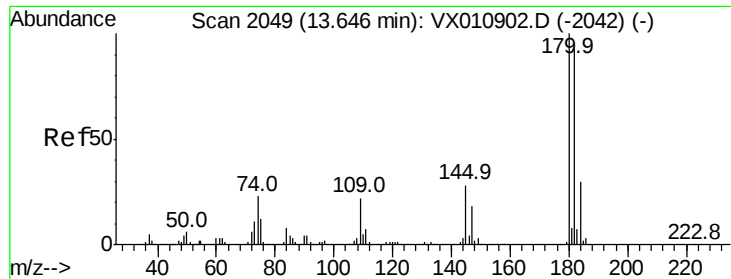
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.097 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	48.7	146.1
157	120.9	62.5	187.6





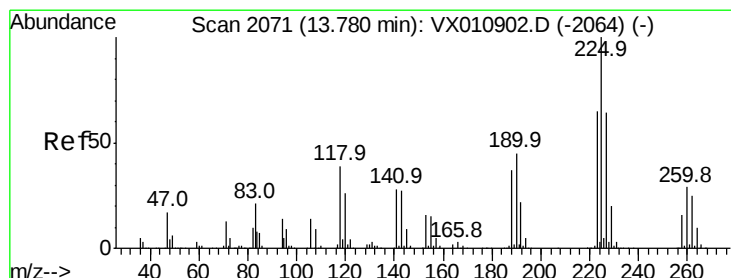
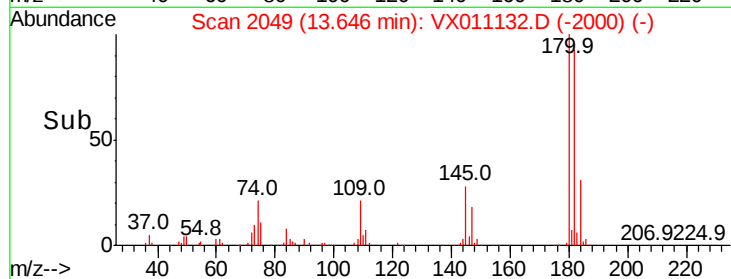
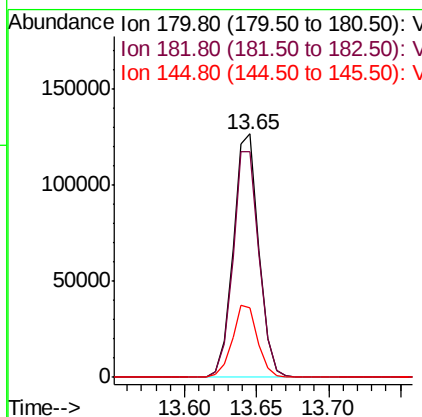
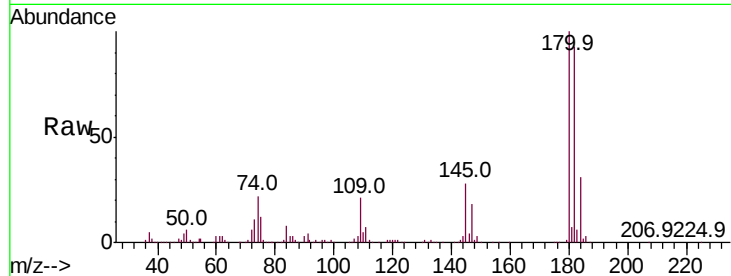
#93
 1,2,4-Trichlorobenzene
 Concen: 51.775 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.1	141.3	
145	29.2	14.8	44.4	

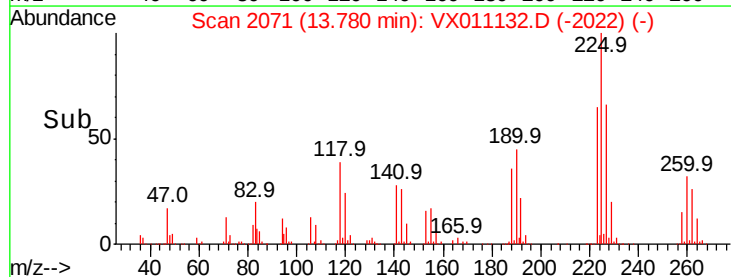
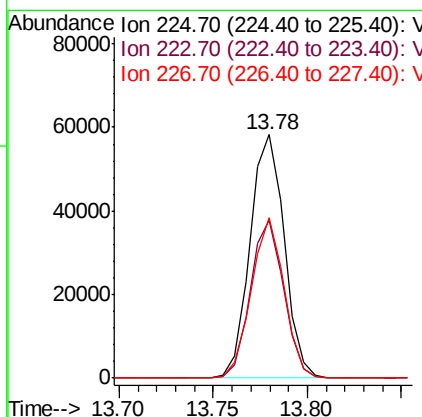
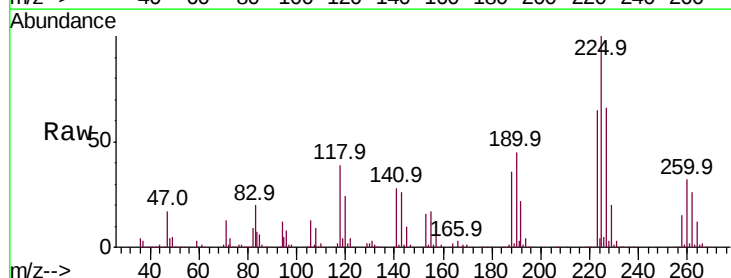
Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 10:21:41 AM



#94
 Hexachlorobutadiene
 Concen: 48.745 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011132.D
 Acq: 27 Jul 2019 08:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	31.9	95.9	
227	63.4	32.5	97.4	





#95

Naphthalene

Concen: 57.142 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Instrument :

MSVOA_X

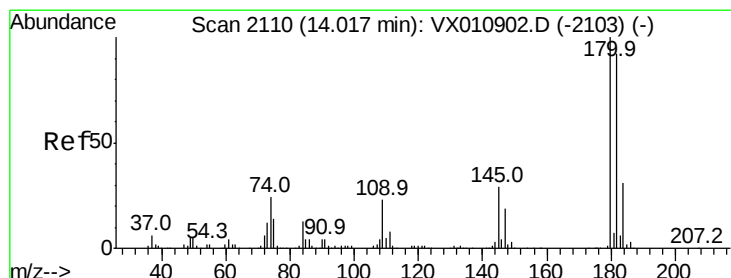
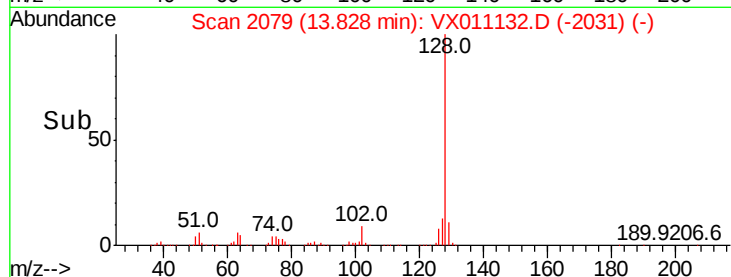
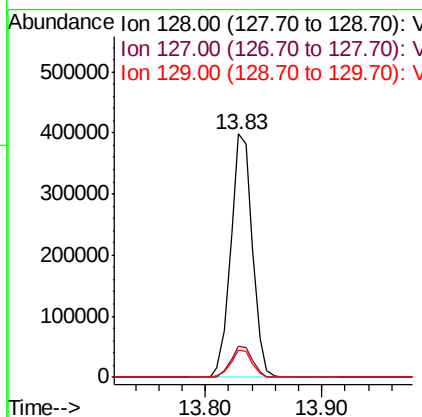
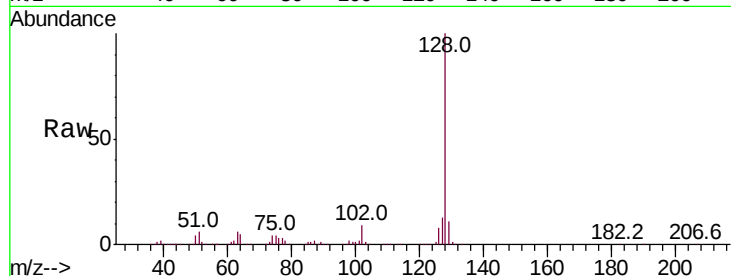
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	511379
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2019 10:21:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.106 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011132.D

Acq: 27 Jul 2019 08:33

Tgt Ion:	180	Resp:	160138
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.4	142.3
145	31.7	15.1	45.3

