

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011186.D
 Acq On : 30 Jul 2019 11:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:53:40 AM

Quant Time: Jul 31 07:29:08 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	184365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	143048	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	91742	46.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.54%	
35) Dibromofluoromethane	5.49	113	82864	48.93	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	310961	48.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	122185	52.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96497	49.095	ug/l	99
3) Chloromethane	1.32	50	84679	49.946	ug/l	99
4) Vinyl Chloride	1.41	62	91069	52.662	ug/l	98
5) Bromomethane	1.64	94	52287	53.655	ug/l	100
6) Chloroethane	1.71	64	60514	55.065	ug/l	96
7) Trichlorofluoromethane	1.92	101	165302	56.469	ug/l	100
8) Diethyl Ether	2.19	74	54424	53.961	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	94704	56.661	ug/l	98
10) Methyl Iodide	2.51	142	86136	39.271	ug/l	100
11) Tert butyl alcohol	3.05	59	101006	221.125	ug/l	98
12) 1,1-Dichloroethene	2.37	96	87565	53.322	ug/l	98
13) Acrolein	2.29	56	54029	204.723	ug/l	98
14) Allyl chloride	2.73	41	128035	53.676	ug/l	99
15) Acrylonitrile	3.14	53	245818	266.320	ug/l	100
16) Acetone	2.45	43	242442	273.684	ug/l	97
17) Carbon Disulfide	2.57	76	187850	44.594	ug/l	99
18) Methyl Acetate	2.77	43	116507	57.760	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	289595	54.780	ug/l	99
20) Methylene Chloride	2.85	84	98857	52.659	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	91516	52.522	ug/l	99
22) Diisopropyl ether	3.85	45	281953	56.045	ug/l	92
23) Vinyl Acetate	3.81	43	1184425	277.865	ug/l	99
24) 1,1-Dichloroethane	3.69	63	158734	54.330	ug/l	99
25) 2-Butanone	4.67	43	349594	274.920	ug/l	97
26) 2,2-Dichloropropane	4.58	77	132899	55.399	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108890	53.997	ug/l	99
28) Bromochloromethane	5.01	49	68051	49.427	ug/l	99
29) Tetrahydrofuran	5.12	42	209351	259.903	ug/l	100
30) Chloroform	5.21	83	175854	55.685	ug/l	99
31) Cyclohexane	5.57	56	137449	51.613	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	151537	55.464	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124111	56.626	ug/l	99
37) Ethyl Acetate	4.83	43	122544	54.603	ug/l	99
38) Carbon Tetrachloride	5.78	117	135363	59.269	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156398	55.026	ug/l	98
40) Benzene	6.14	78	378491	56.375	ug/l	99
41) Methacrylonitrile	5.04	41	69227	54.337	ug/l	98
42) 1,2-Dichloroethane	6.19	62	133482	57.182	ug/l	99
43) Isopropyl Acetate	6.44	43	205644	55.726	ug/l	99
44) Trichloroethene	7.21	130	110321	55.513	ug/l	91
45) 1,2-Dichloropropane	7.51	63	96810	56.654	ug/l	99
46) Dibromomethane	7.65	93	70463	57.708	ug/l	100
47) Bromodichloromethane	7.90	83	130460	60.022	ug/l	97
48) Methyl methacrylate	7.77	41	102272	56.890	ug/l	98
49) 1,4-Dioxane	7.74	88	49616	986.665	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	699272	292.315	ug/l	99
52) Toluene	8.78	92	250444	56.784	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142021	60.768	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	155098	59.639	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106654	58.730	ug/l	96
56) Ethyl methacrylate	9.18	69	159237	59.945	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165054	57.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	396967	313.054	ug/l	100
59) 2-Hexanone	9.49	43	545030	293.750	ug/l	100
60) Dibromochloromethane	9.58	129	115928	55.192	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113243	58.759	ug/l	100
64) Tetrachloroethene	9.34	164	108528	54.519	ug/l	98
65) Chlorobenzene	10.13	112	287472	55.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	107866	59.053	ug/l	100
67) Ethyl Benzene	10.25	91	504960	57.081	ug/l	99
68) m/p-Xylenes	10.35	106	390444	115.060	ug/l	99
69) o-Xylene	10.69	106	188707	56.981	ug/l	100
70) Styrene	10.71	104	331123	59.978	ug/l	99
71) Bromoform	10.85	173	87034	52.212	ug/l #	100
73) Isopropylbenzene	11.02	105	520576	53.858	ug/l	99
74) N-amyl acetate	10.90	43	196747	53.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167938	53.092	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	140292m	54.348	ug/l	
77) Bromobenzene	11.25	156	141789	53.181	ug/l	99
78) n-propylbenzene	11.36	91	593818	55.602	ug/l	99
79) 2-Chlorotoluene	11.42	91	348573	54.332	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445383	55.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49601	48.787	ug/l	97
82) 4-Chlorotoluene	11.51	91	409144	54.793	ug/l	100
83) tert-Butylbenzene	11.77	119	441738	55.681	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	449545	55.223	ug/l	100
85) sec-Butylbenzene	11.94	105	531236	57.148	ug/l	100
86) p-Isopropyltoluene	12.06	119	494128	57.497	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255871	55.301	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	256088	53.966	ug/l	98
89) n-Butylbenzene	12.38	91	434480	59.094	ug/l	100
90) Hexachloroethane	12.60	117	75529	55.721	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	253335	55.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34847	52.703	ug/l	99

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ClientSampleId :
VSTDCCC050

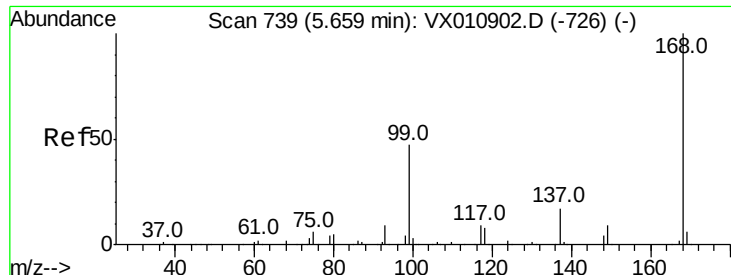
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	176708	56.862	ug/l	99
94) Hexachlorobutadiene	13.78	225	89308	57.991	ug/l	98
95) Naphthalene	13.83	128	530518	57.811	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	176270	57.006	ug/l	97

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



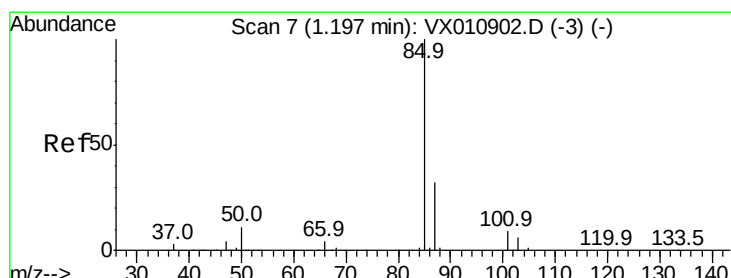
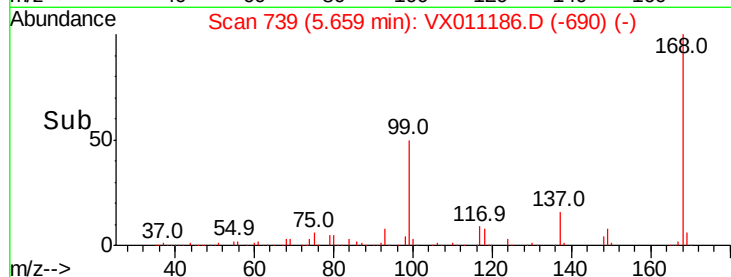
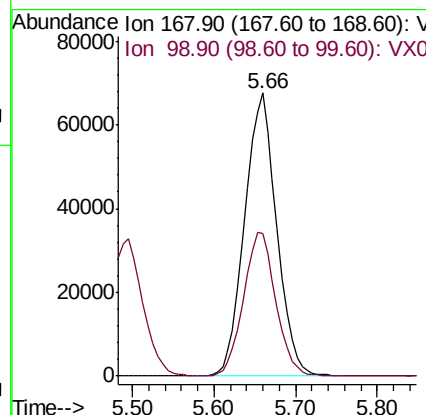
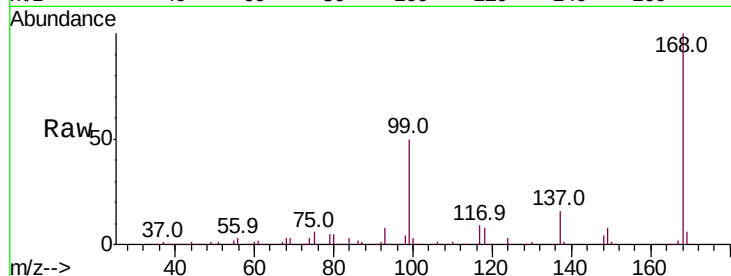
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.1	37.6	56.4

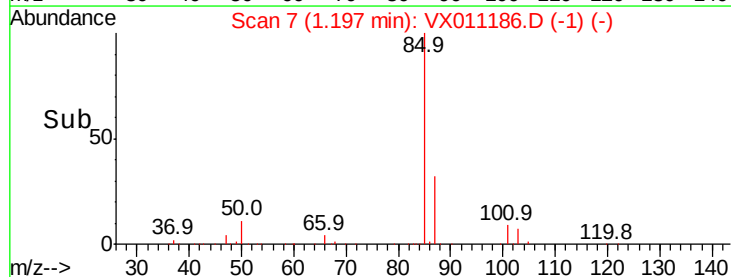
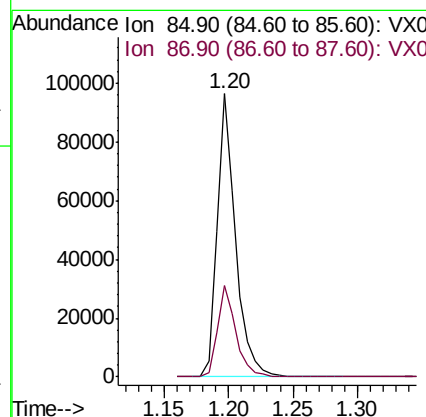
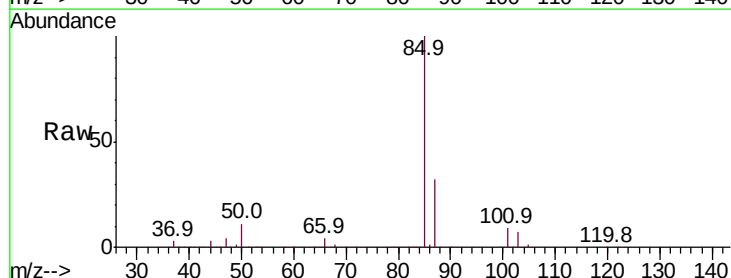
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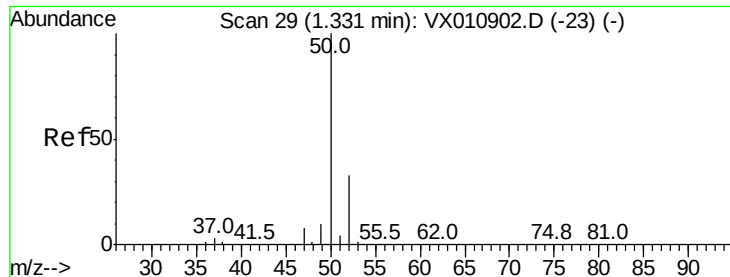
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#2
Dichlorodifluoromethane
Concen: 49.095 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.9	47.7





#3

Chloromethane

Concen: 49.946 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 84679

Ion Ratio Lower Upper

50 100

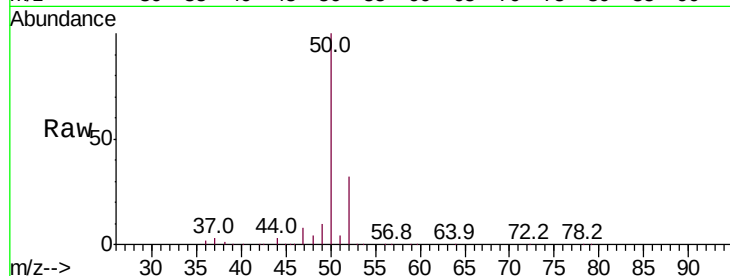
52 32.4 26.4 39.6

Manual Integrations

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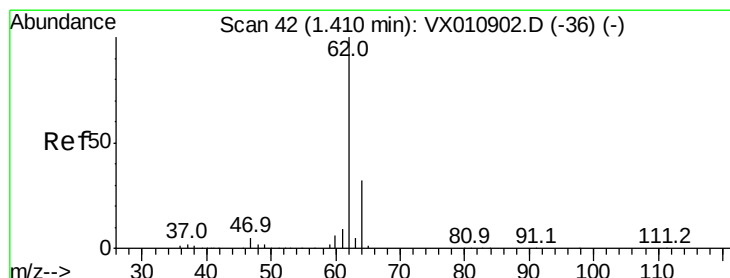
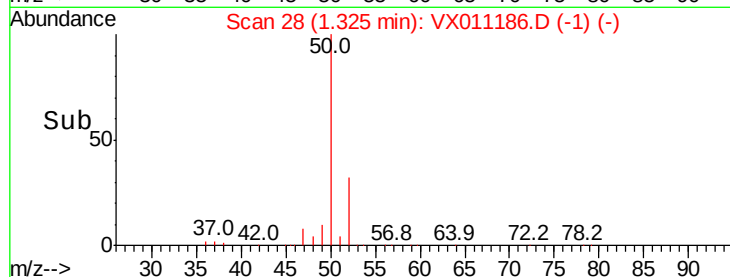
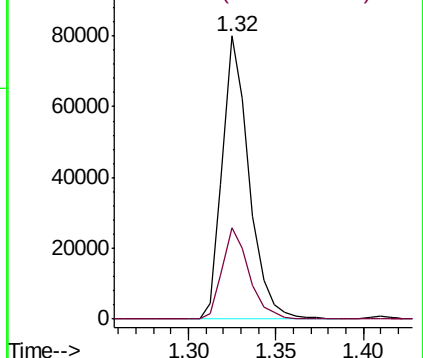
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.662 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011186.D

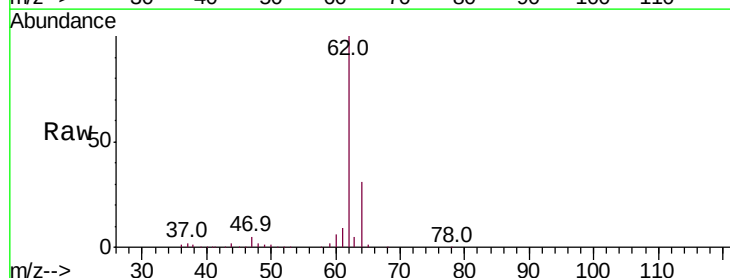
Acq: 30 Jul 2019 11:20

Tgt Ion: 62 Resp: 91069

Ion Ratio Lower Upper

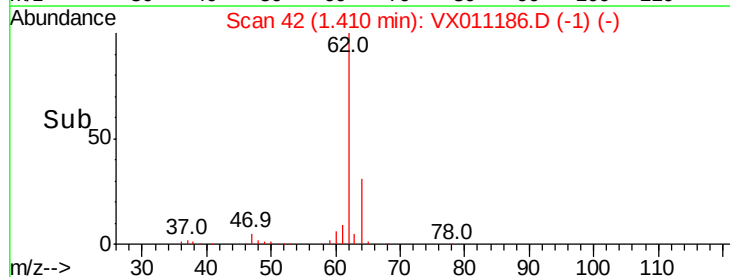
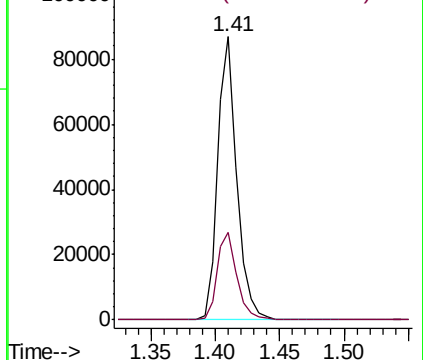
62 100

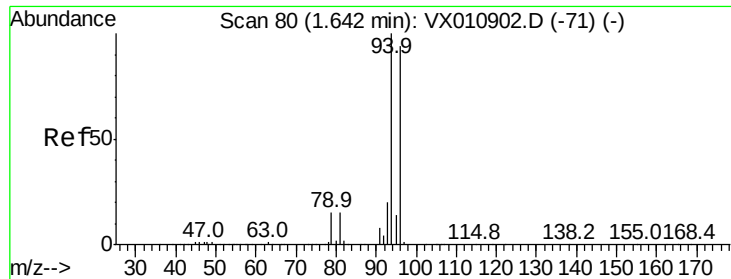
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.655 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52287

Ion Ratio Lower Upper

94 100

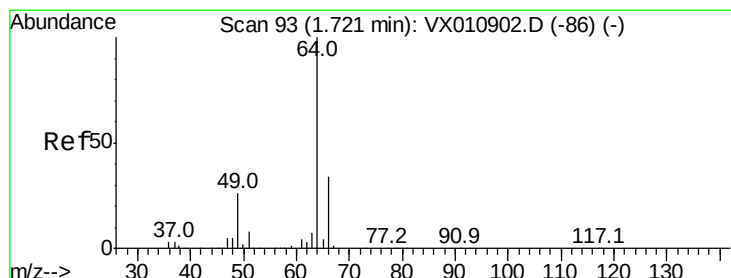
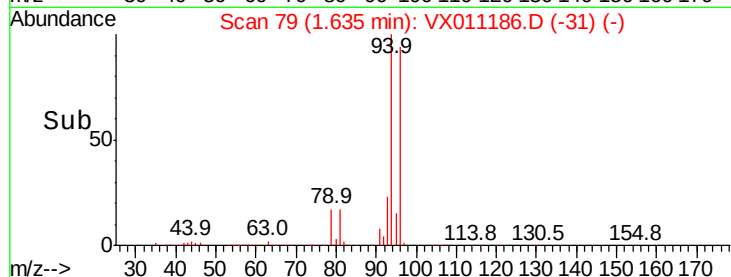
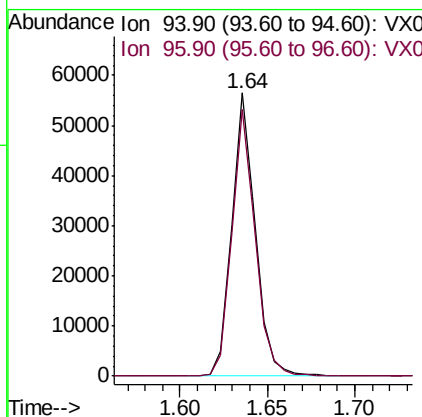
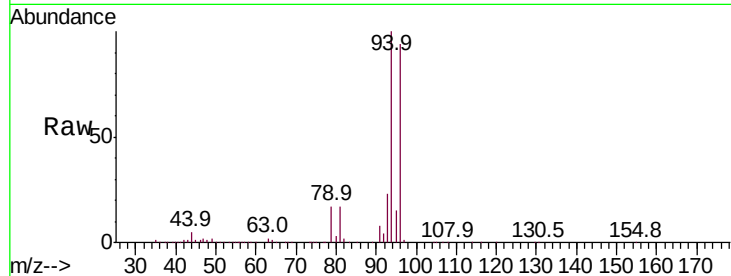
96 94.3 75.6 113.4

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#6

Chloroethane

Concen: 55.065 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011186.D

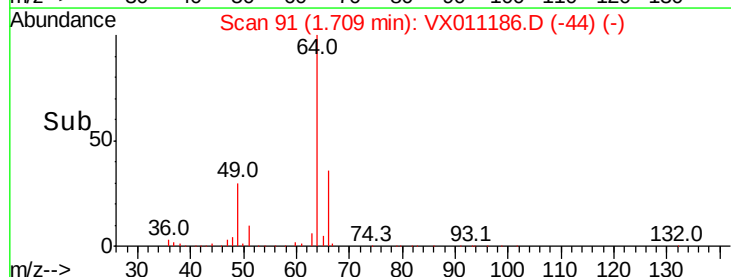
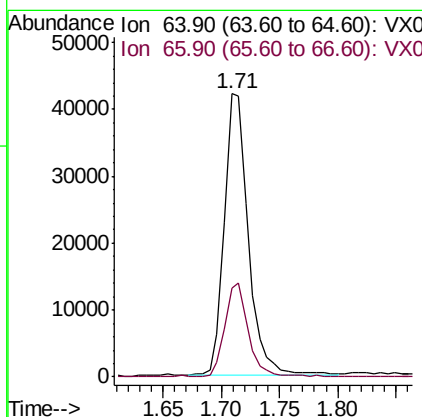
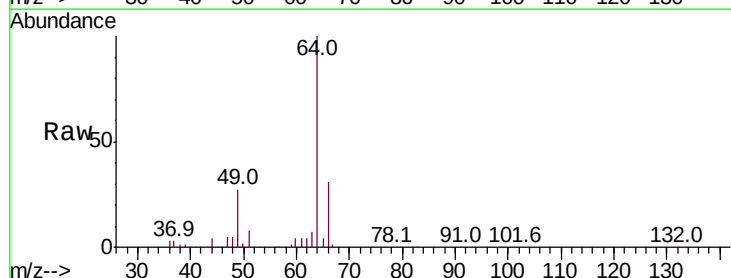
Acq: 30 Jul 2019 11:20

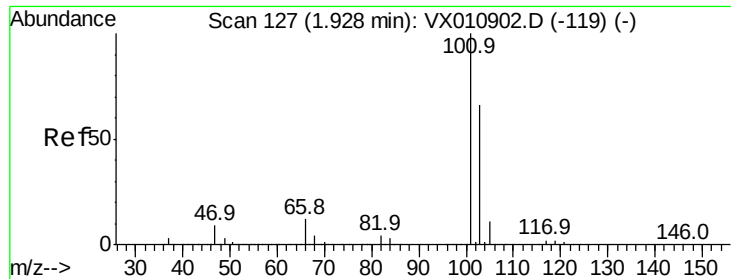
Tgt Ion: 64 Resp: 60514

Ion Ratio Lower Upper

64 100

66 31.3 27.0 40.6





#7

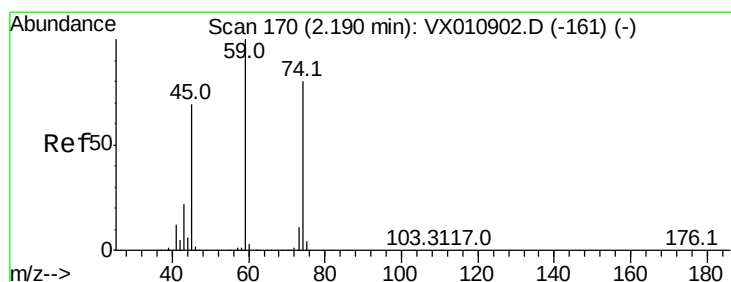
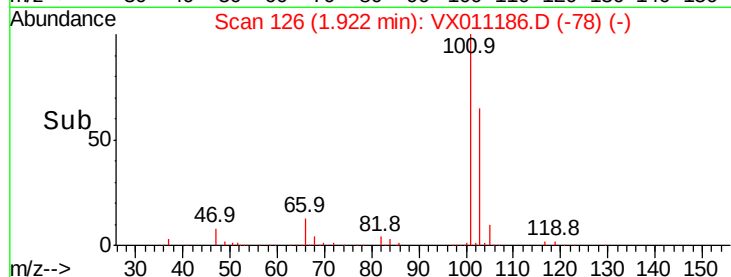
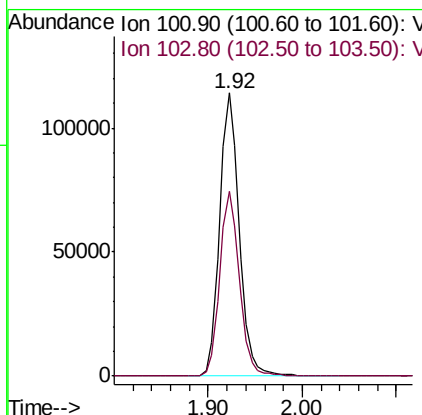
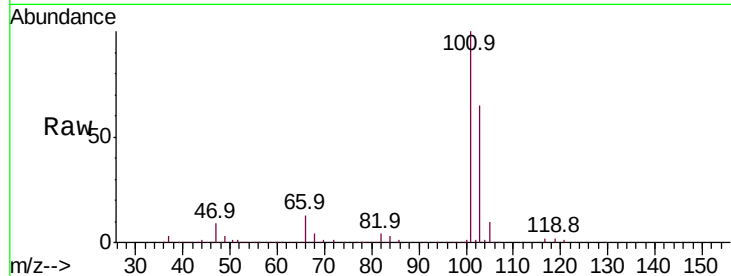
Trichlorofluoromethane
Concen: 56.469 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.6	78.8

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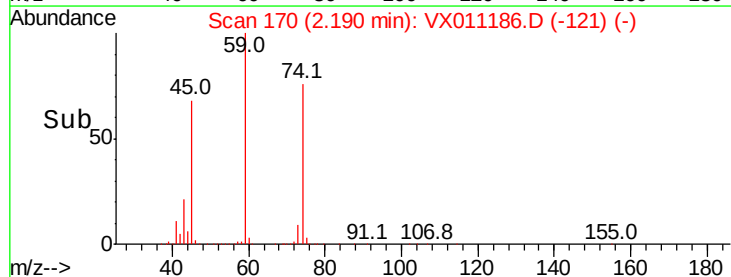
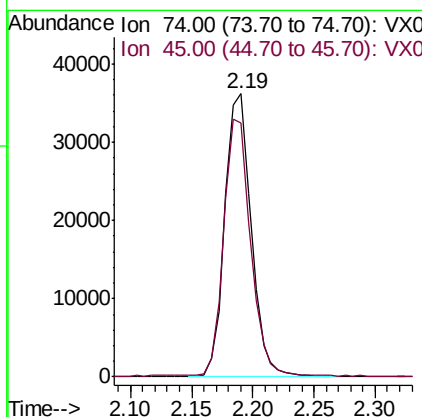
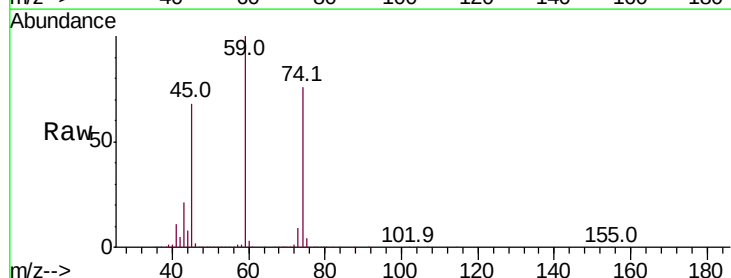
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7/31/2019 10:53:40 AM

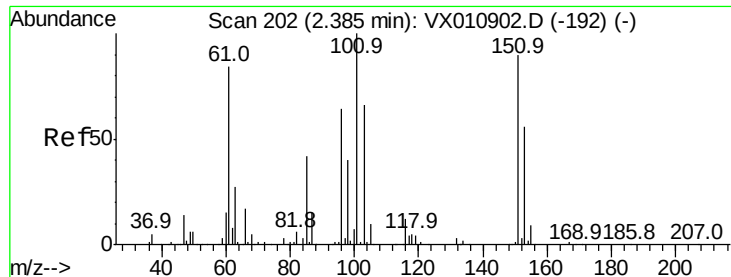


#8

Diethyl Ether
Concen: 53.961 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.661 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

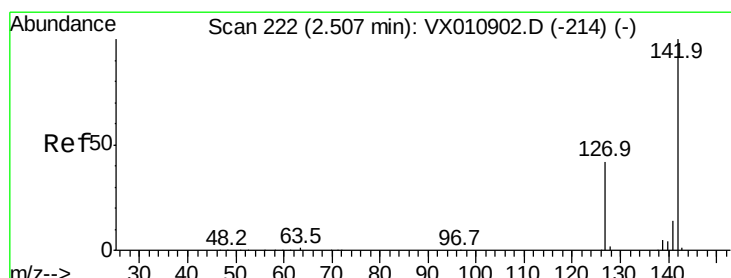
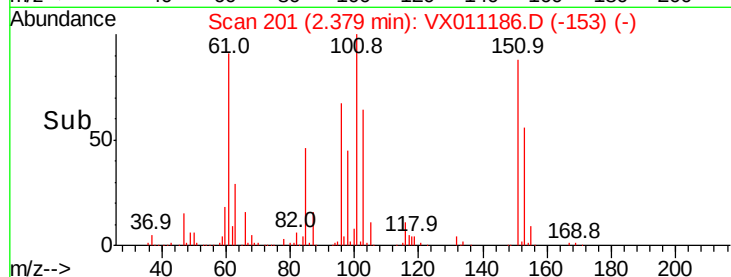
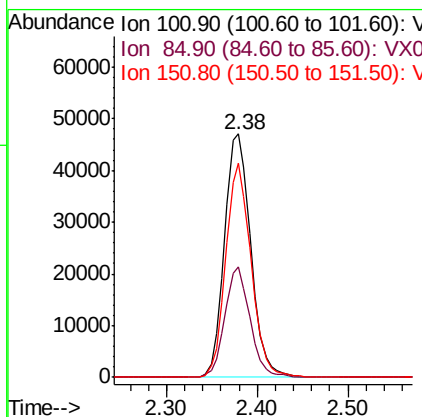
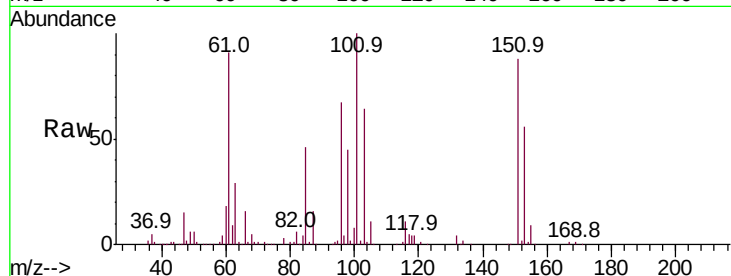
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	94704
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.6	52.0
151	84.8	69.6	104.4

Manual Integrations
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7/31/2019 10:53:40 AM



#10

Methyl Iodide

Concen: 39.271 ug/l

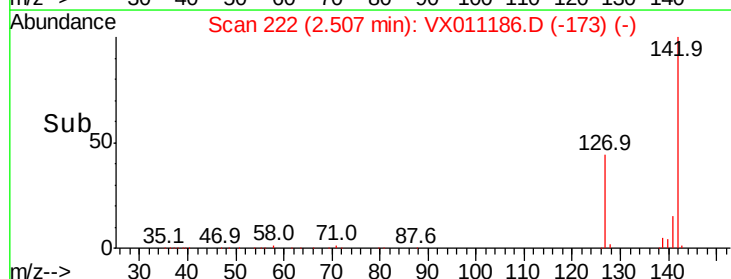
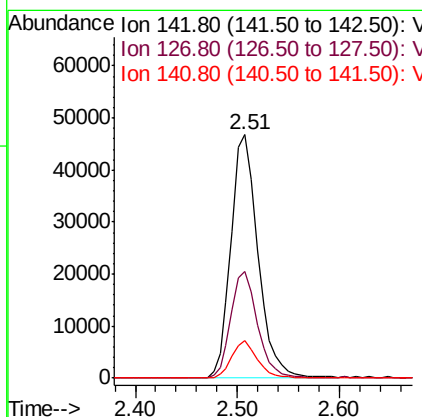
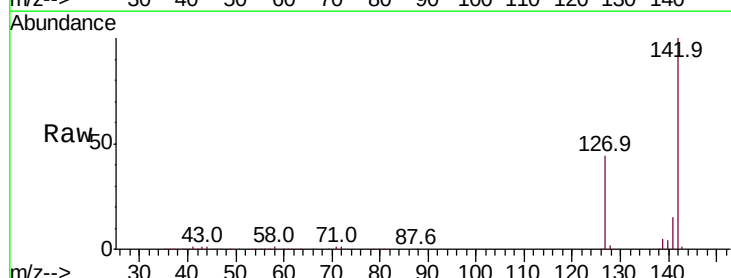
RT: 2.51 min Scan# 222

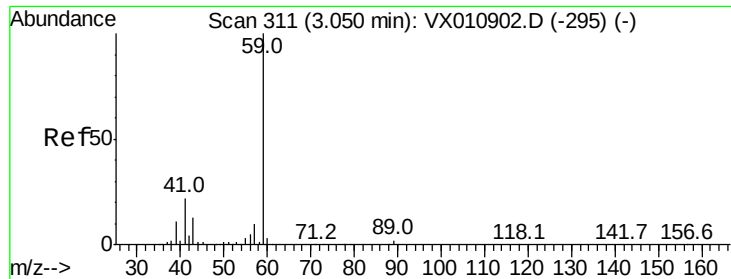
Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion:	142	Resp:	86136
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.2	51.4
141	14.5	11.7	17.5





#11

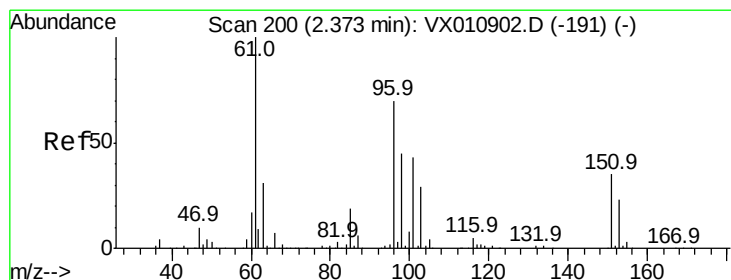
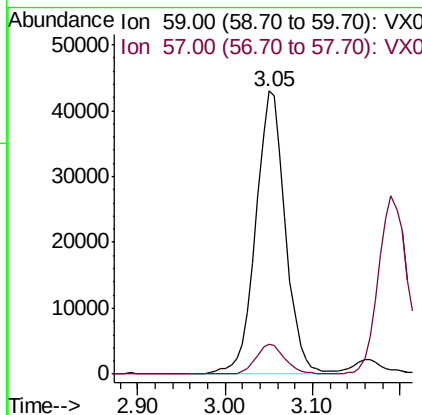
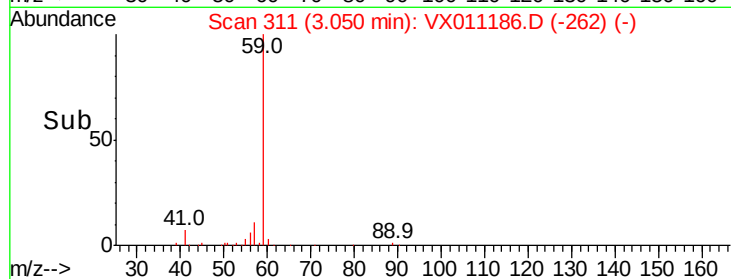
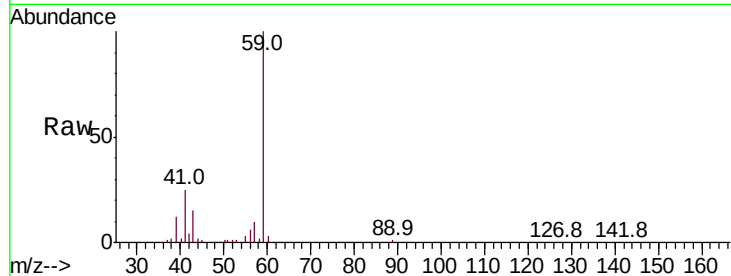
Tert butyl alcohol
Concen: 221.125 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.9	11.9

Manual Integrations
APPROVED

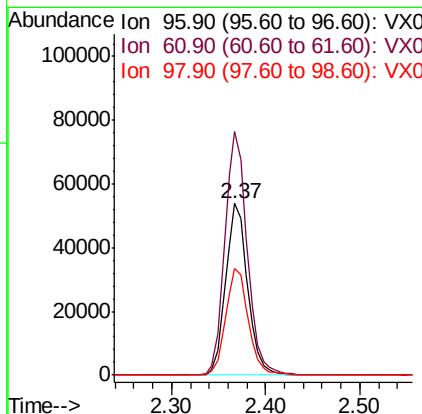
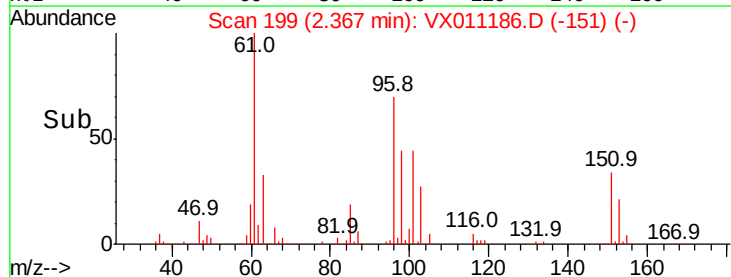
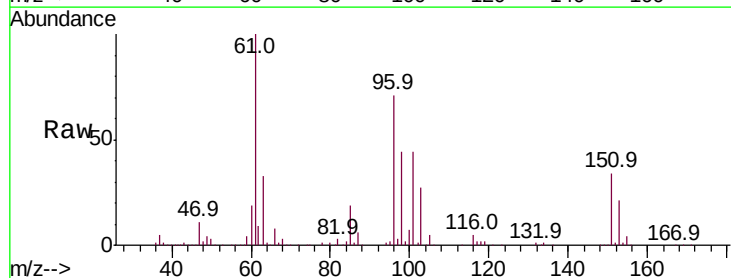
MMDadoda
7/31/2019 10:53:40 AM

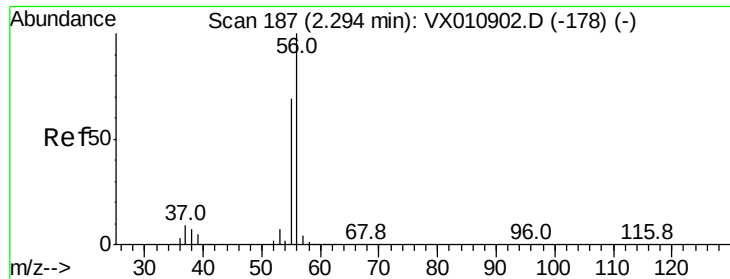


#12

1,1-Dichloroethene
Concen: 53.322 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.8	115.0	172.4
98	62.3	52.2	78.2





#13

Acrolein

Concen: 204.723 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54029

Ion Ratio Lower Upper

56 100

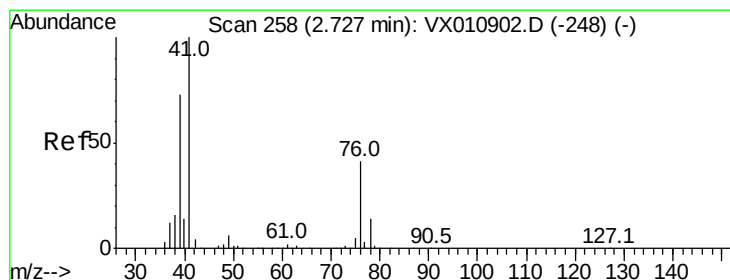
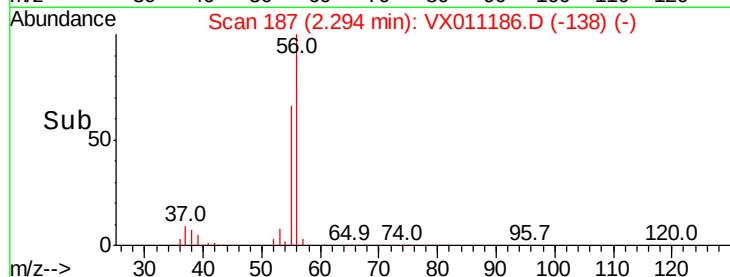
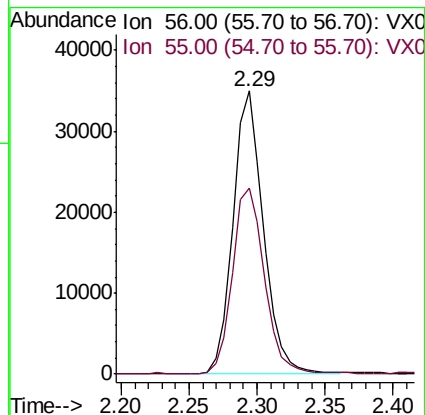
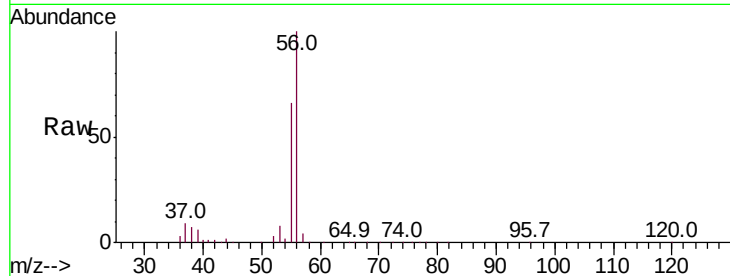
55 68.4 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

7/31/2019 10:53:40 AM



#14

Allyl chloride

Concen: 53.676 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

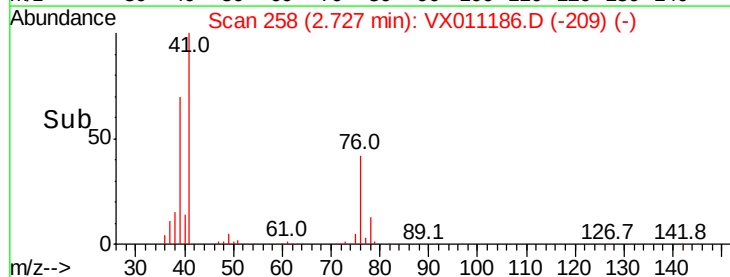
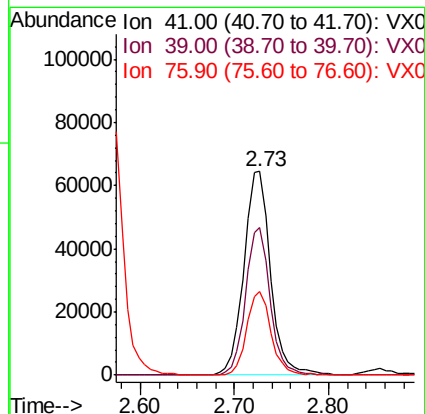
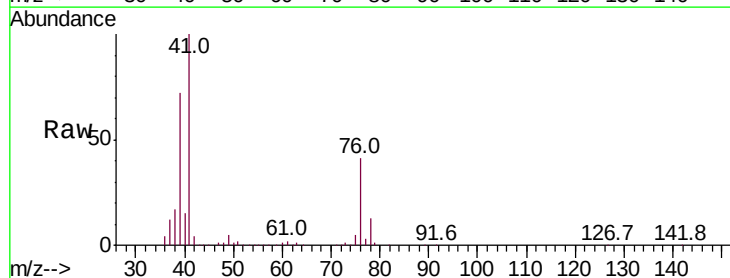
Tgt Ion: 41 Resp: 128035

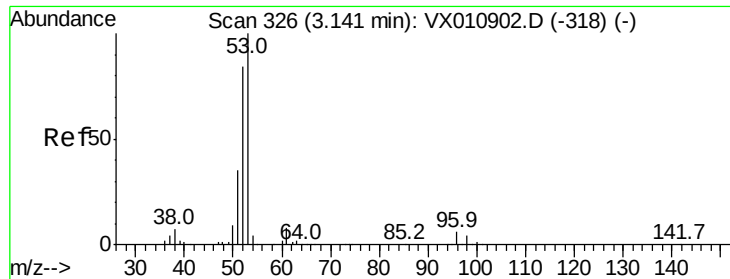
Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

76 37.4 29.7 44.5





#15

Acrylonitrile

Concen: 266.320 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

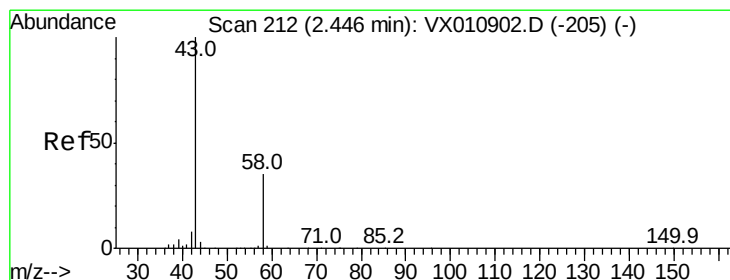
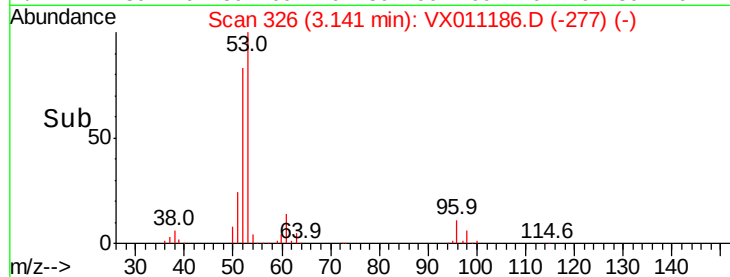
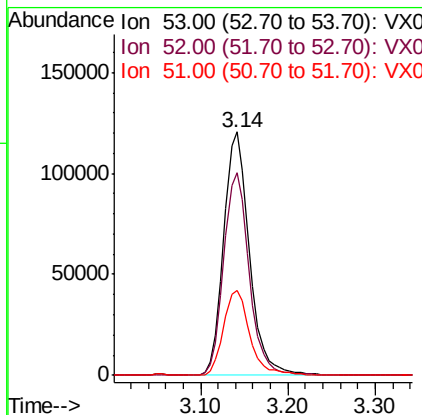
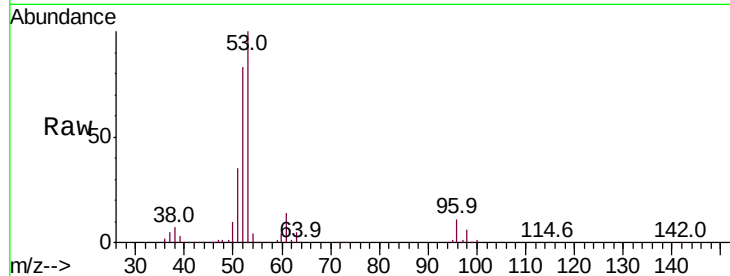
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	245818
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	35.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 273.684 ug/l

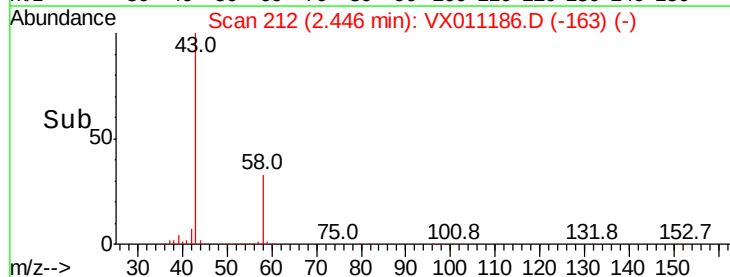
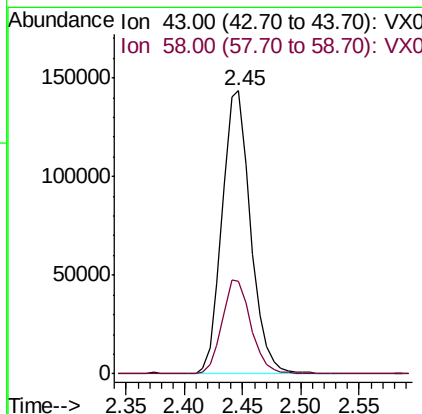
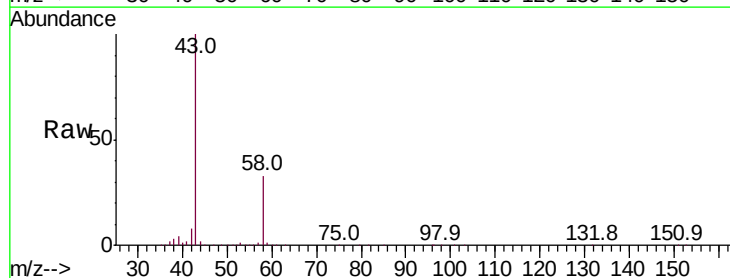
RT: 2.45 min Scan# 212

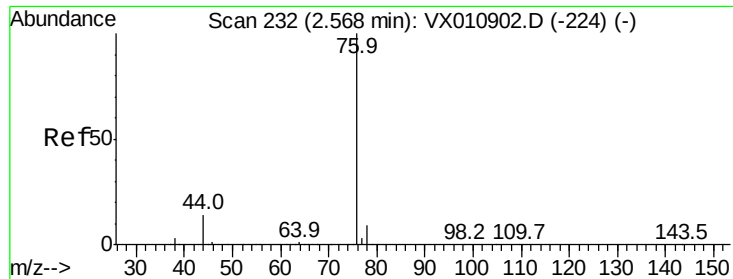
Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion:	43	Resp:	242442
Ion Ratio	Lower	Upper	
43	100		
58	32.9	27.7	41.5





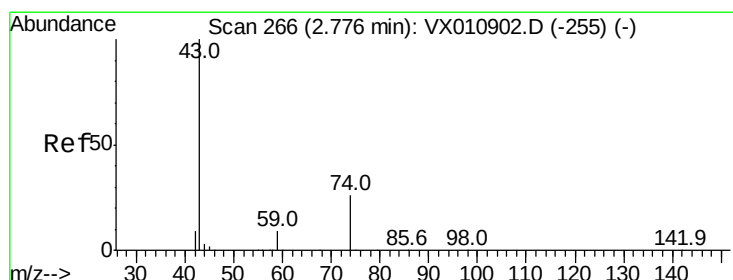
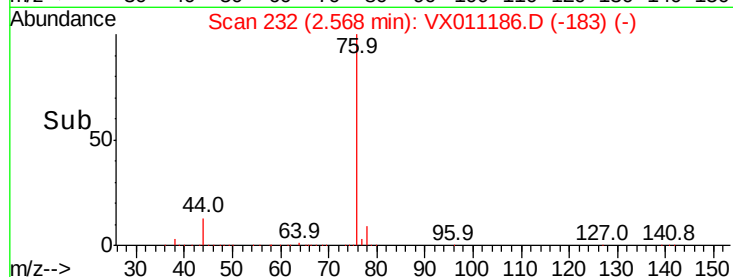
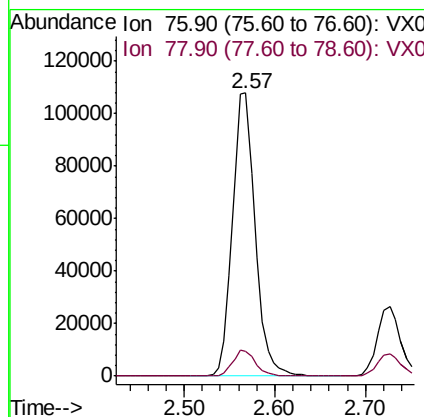
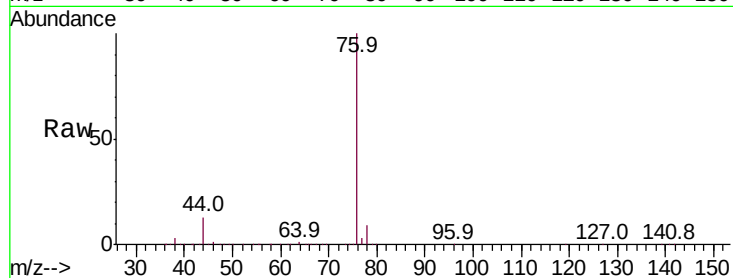
#17
Carbon Disulfide
Concen: 44.594 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

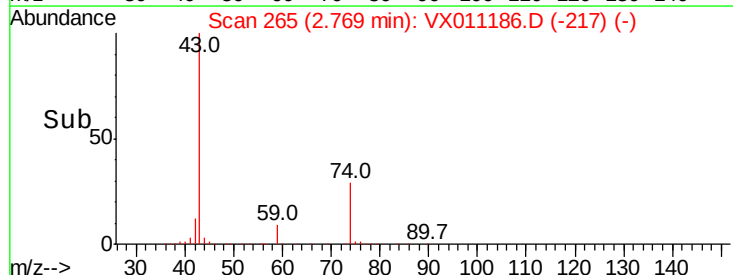
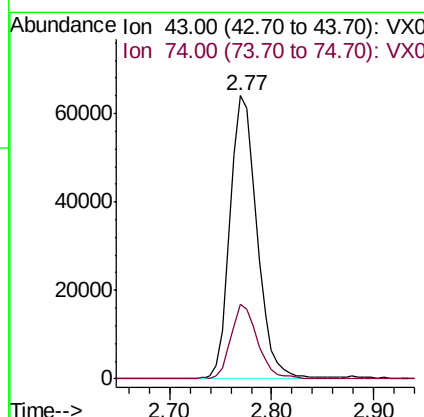
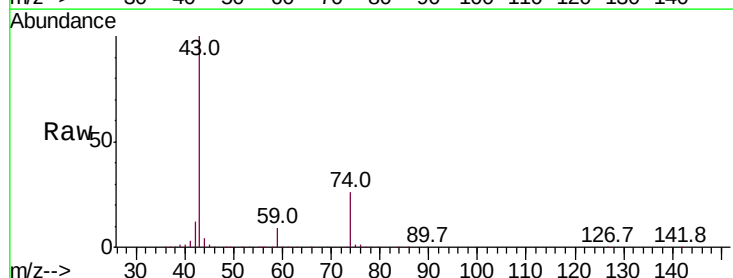
Manual Integrations
APPROVED

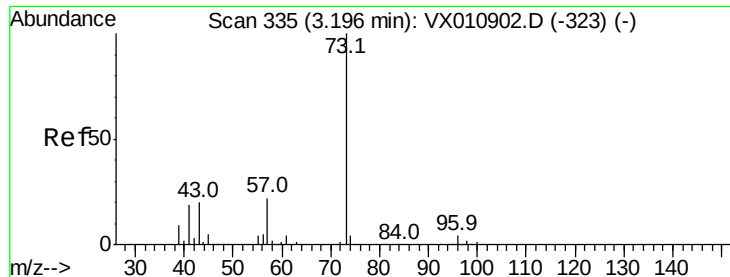
MMDadoda
7/31/2019 10:53:40 AM



#18
Methyl Acetate
Concen: 57.760 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.5	32.3





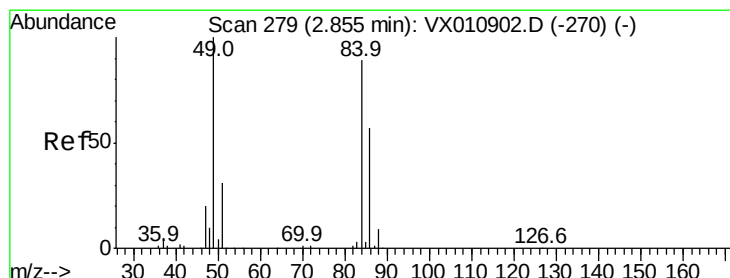
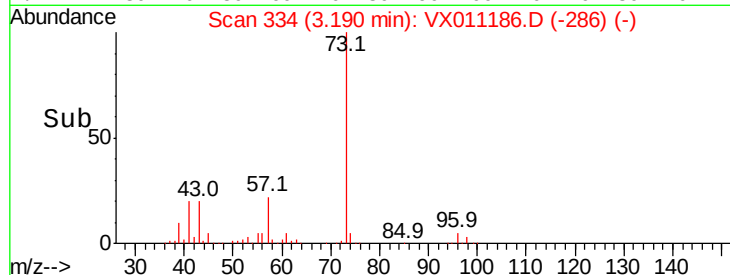
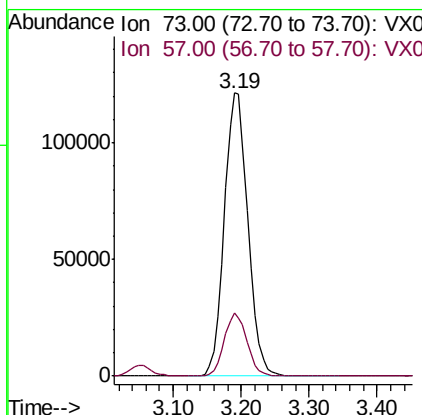
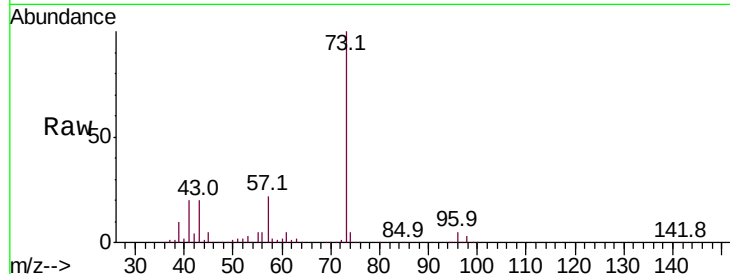
#19
Methyl tert-butyl Ether
Concen: 54.780 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 289595
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

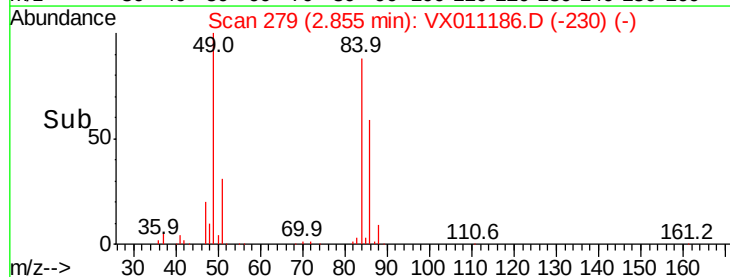
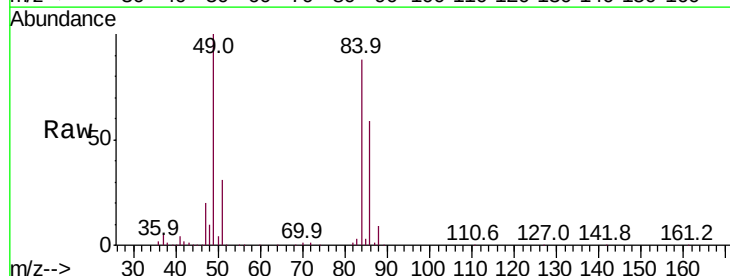
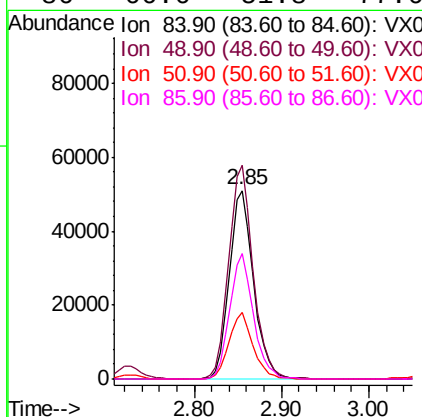
Manual Integrations
APPROVED

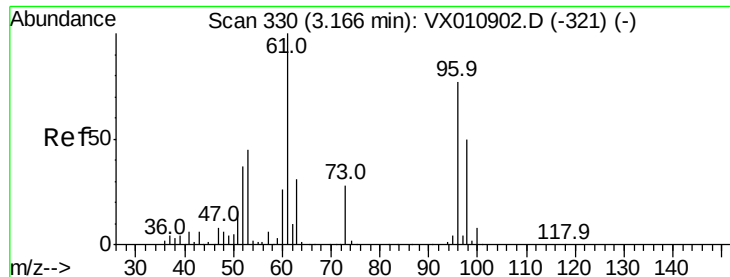
MMDadoda
7/31/2019 10:53:40 AM



#20
Methylene Chloride
Concen: 52.659 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 84 Resp: 98857
Ion Ratio Lower Upper
84 100
49 112.9 89.9 134.9
51 35.3 27.8 41.6
86 66.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 52.522 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 91516

Ion Ratio Lower Upper

96 100

61 129.4 104.2 156.2

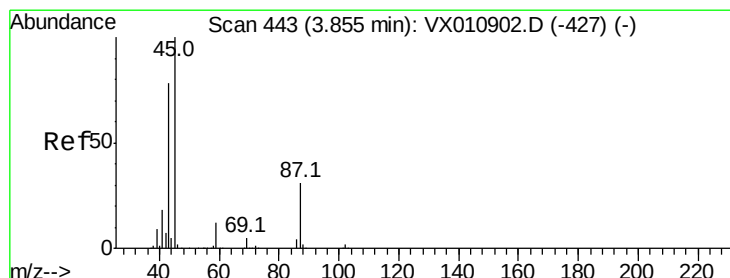
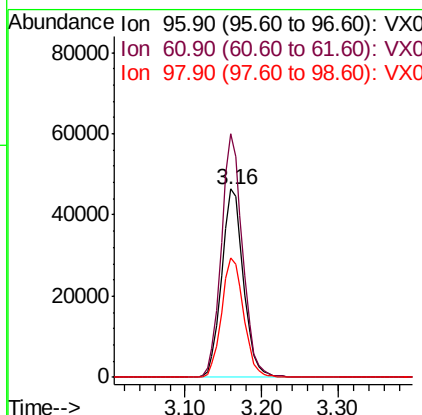
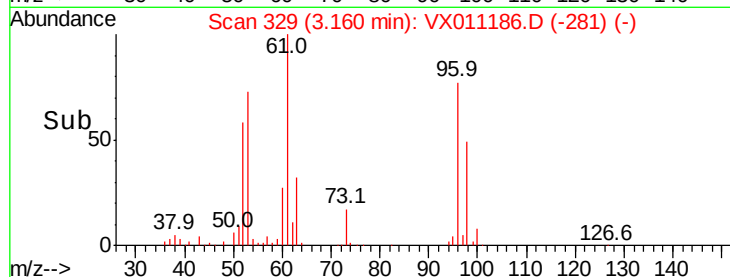
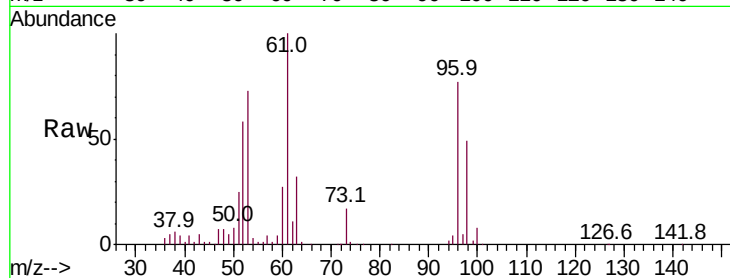
98 63.6 52.2 78.4

Manual Integrations

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MMDadoda

7/31/2019 10:53:40 AM



#22

Diisopropyl ether

Concen: 56.045 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion: 45 Resp: 281953

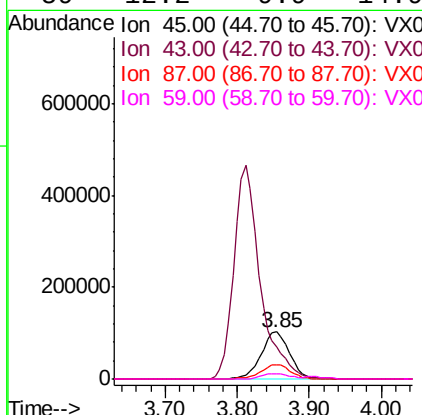
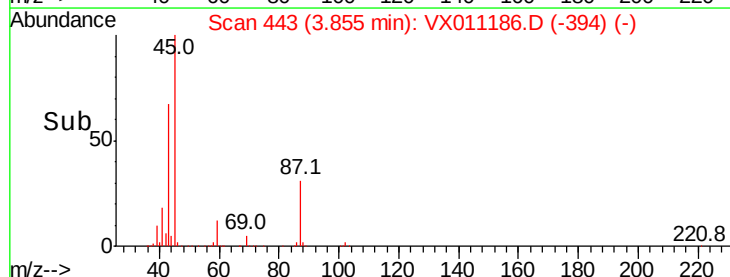
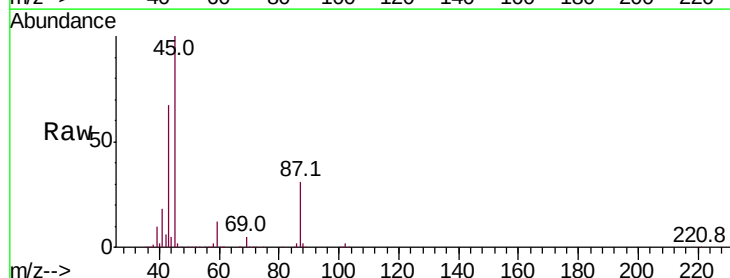
Ion Ratio Lower Upper

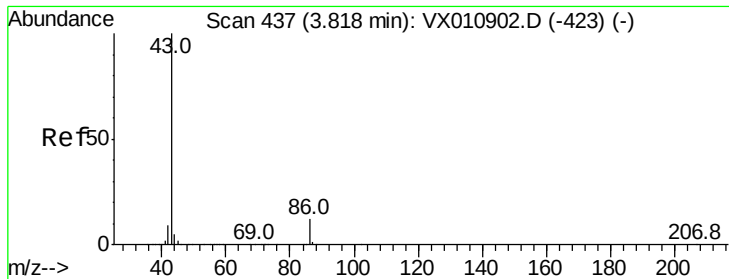
45 100

43 67.0 62.3 93.5

87 31.2 25.0 37.4

59 12.2 9.9 14.9





#23

Vinyl Acetate

Concen: 277.865 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1184425

Ion Ratio Lower Upper

43 100

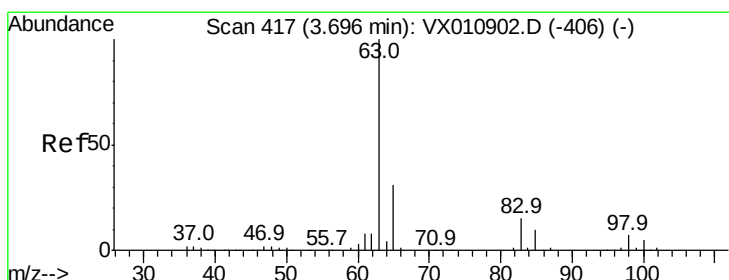
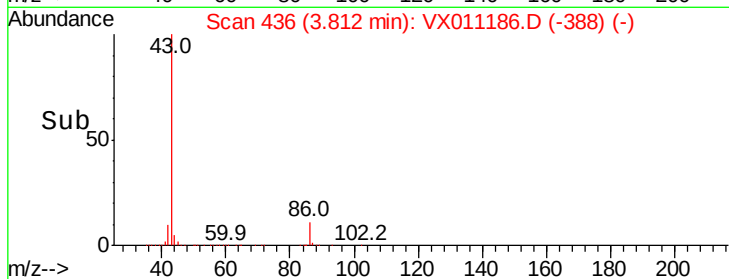
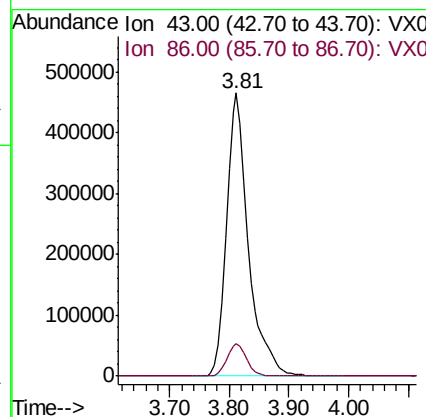
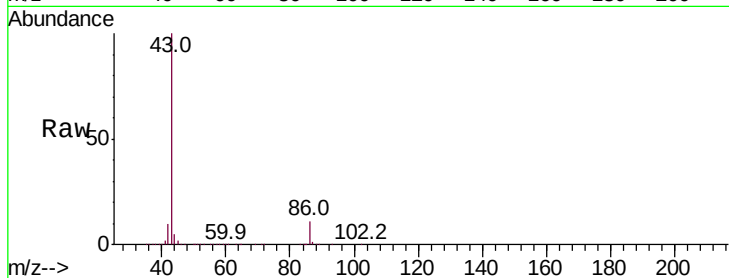
86 11.5 9.4 14.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 54.330 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

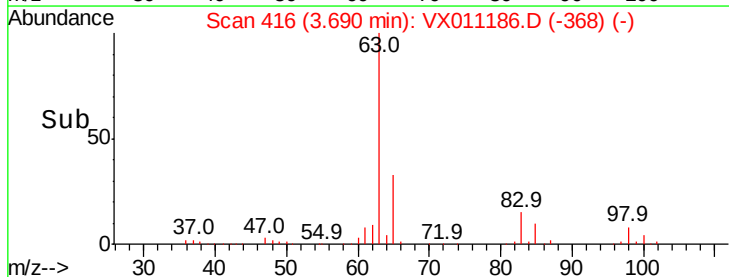
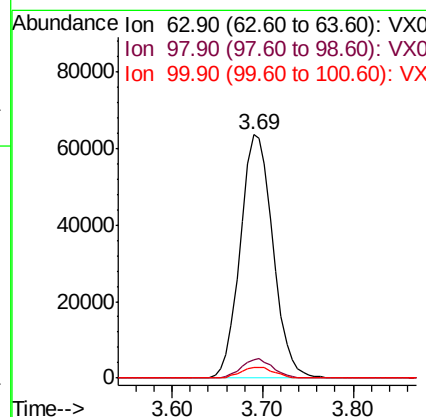
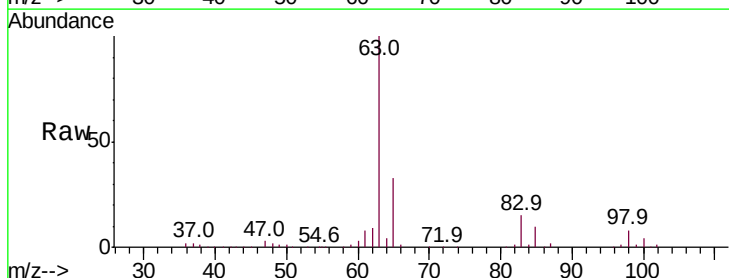
Tgt Ion: 63 Resp: 158734

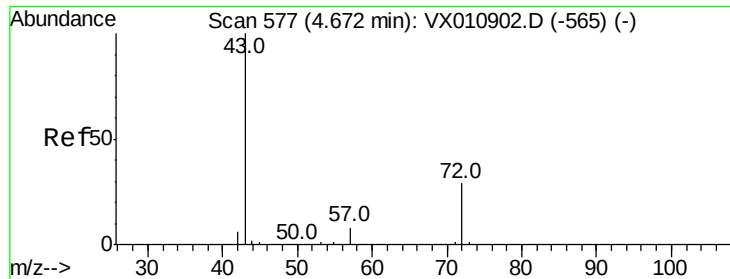
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 274.920 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 349594

Ion Ratio Lower Upper

43 100

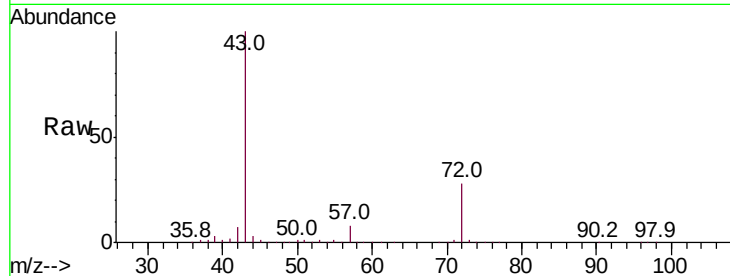
72 27.5 23.0 34.6

Manual Integrations

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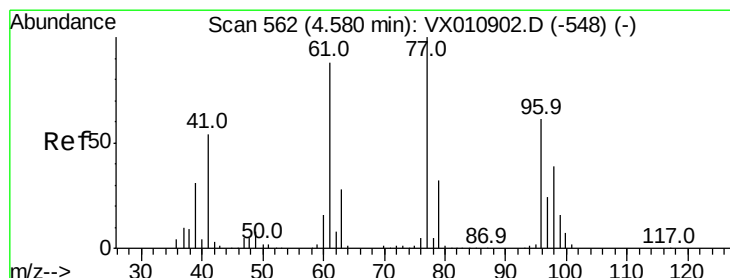
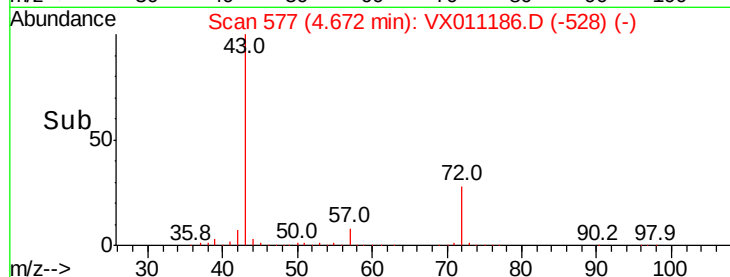
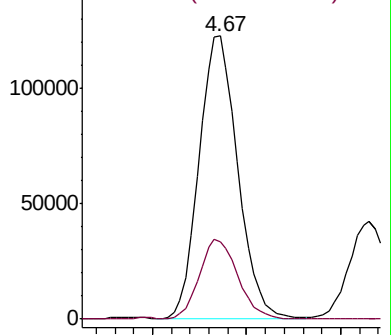
MMDadoda

7/31/2019 10:53:40 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 55.399 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011186.D

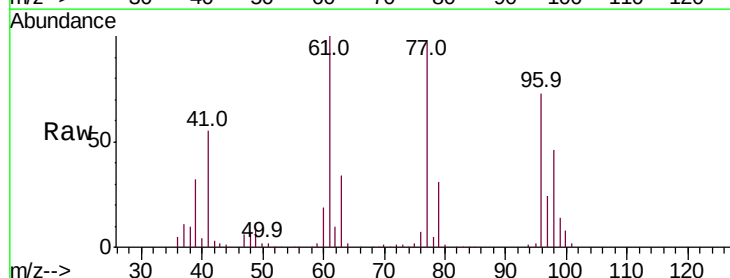
Acq: 30 Jul 2019 11:20

Tgt Ion: 77 Resp: 132899

Ion Ratio Lower Upper

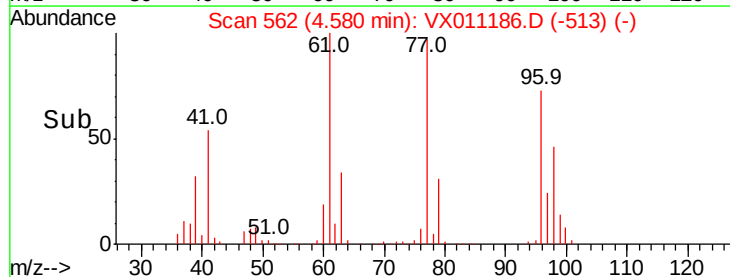
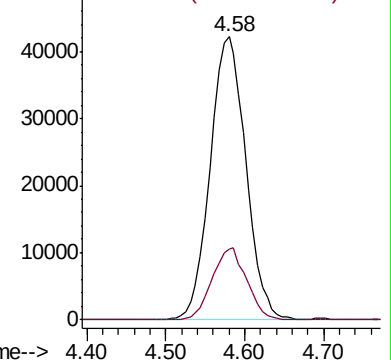
77 100

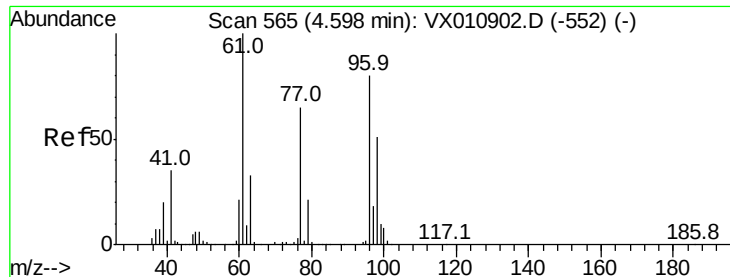
97 24.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

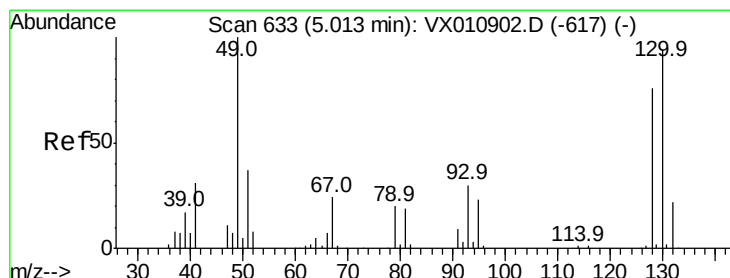
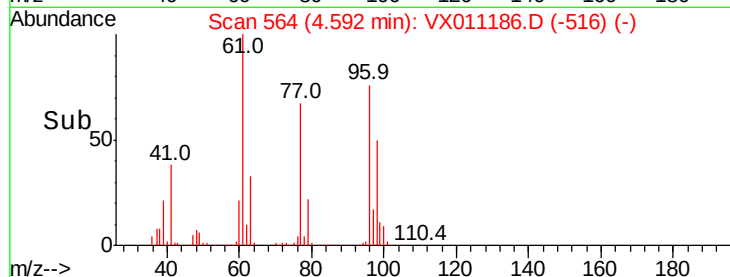
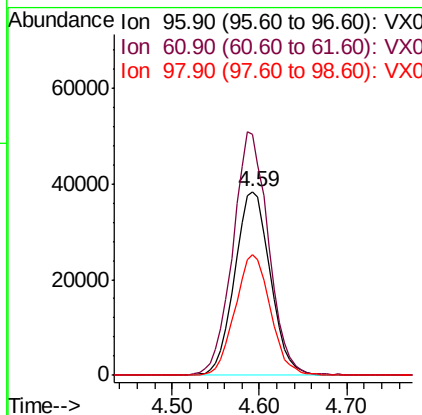
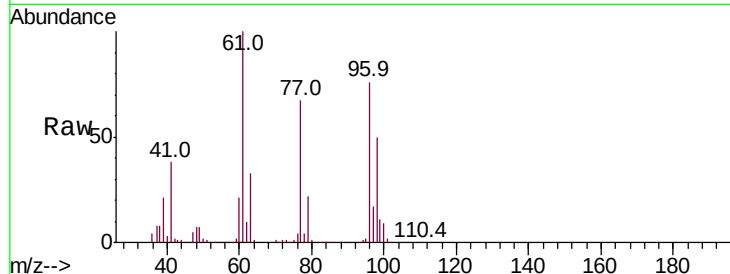
cis-1,2-Dichloroethene
Concen: 53.997 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	108890		
61	132.8	0.0	269.0	
98	65.1	0.0	131.4	

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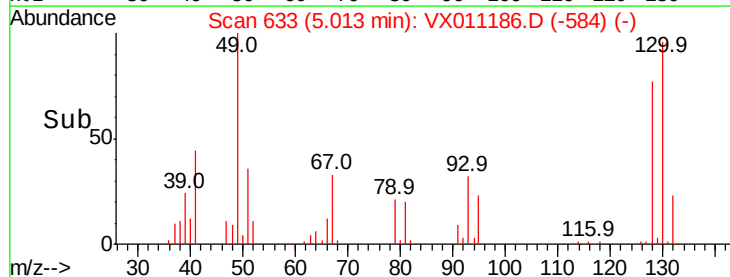
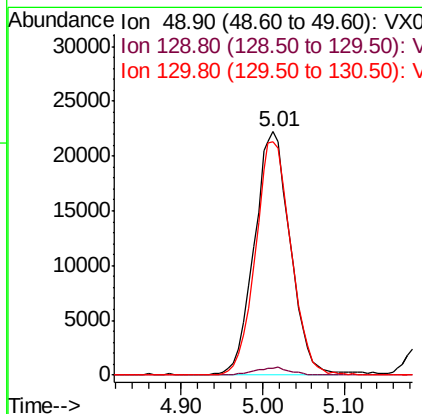
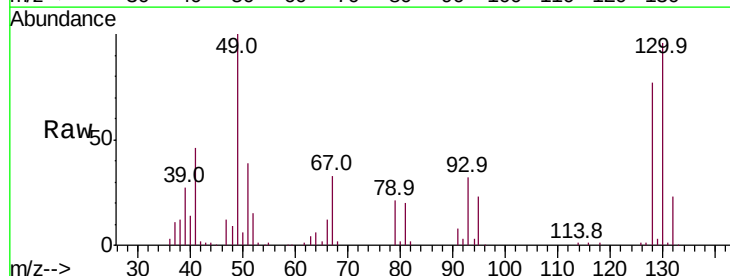
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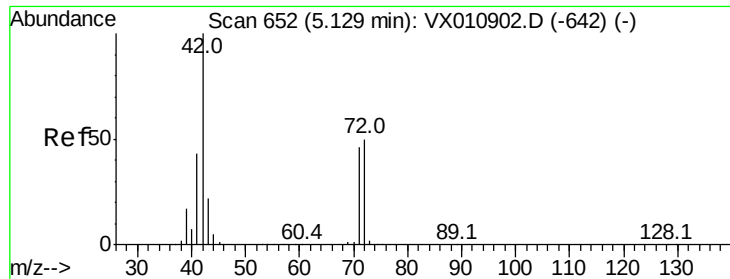


#28

Bromochloromethane
Concen: 49.427 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	68051		
129	3.0	0.0	5.2	
130	94.9	76.9	115.3	





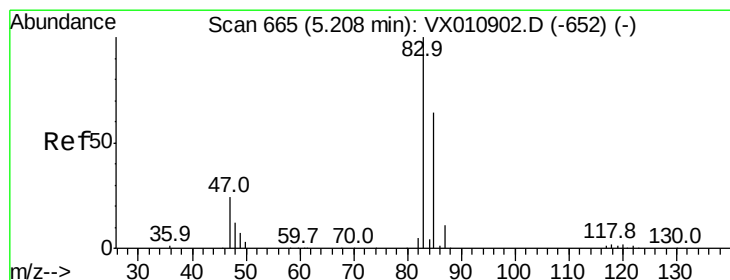
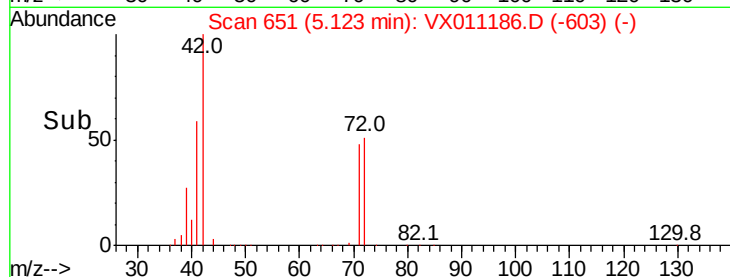
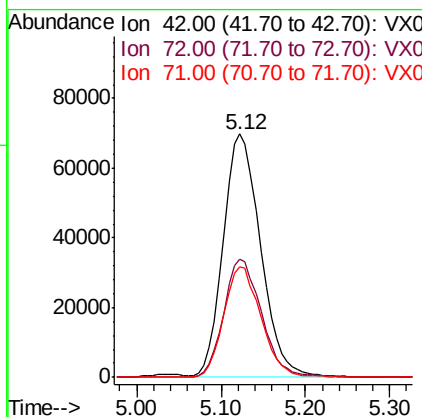
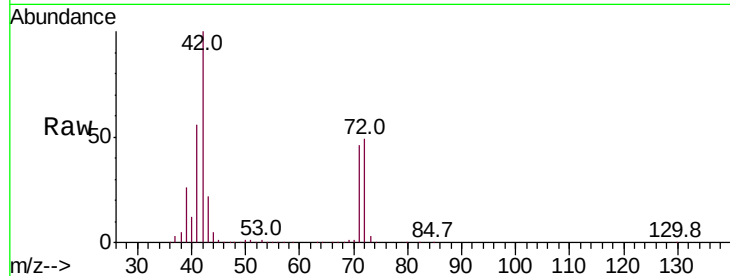
#29
Tetrahydrofuran
Concen: 259.903 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	39.8	59.8
71	45.7	37.0	55.4

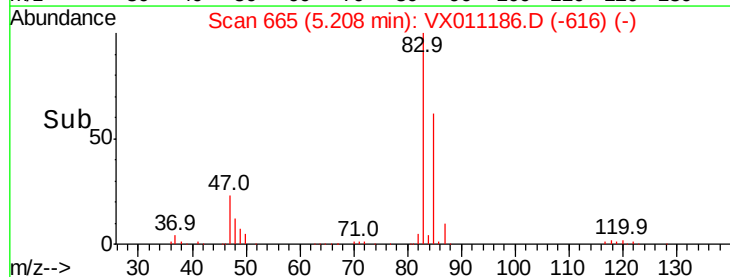
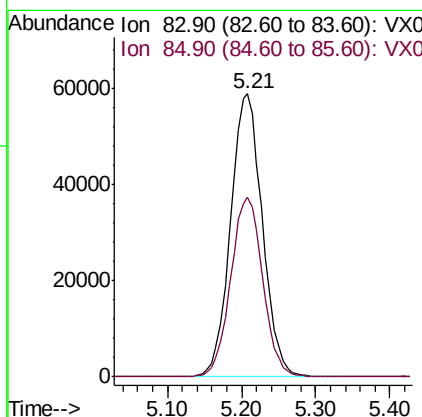
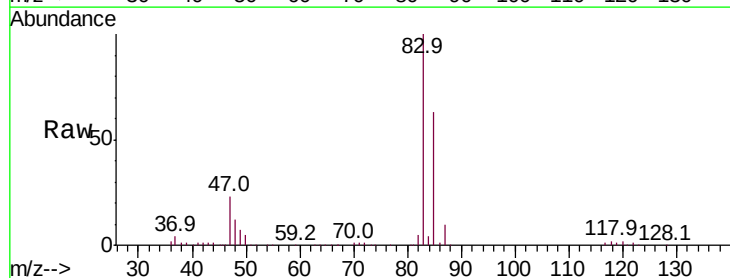
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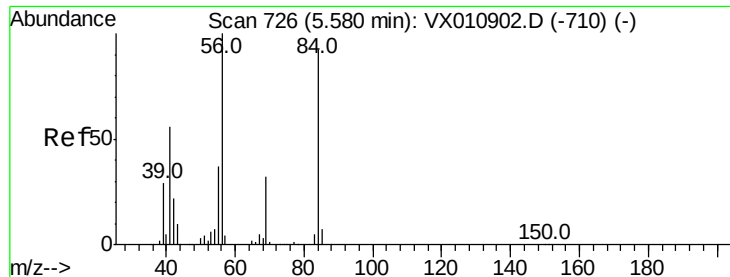
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#30
Chloroform
Concen: 55.685 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.4	77.0





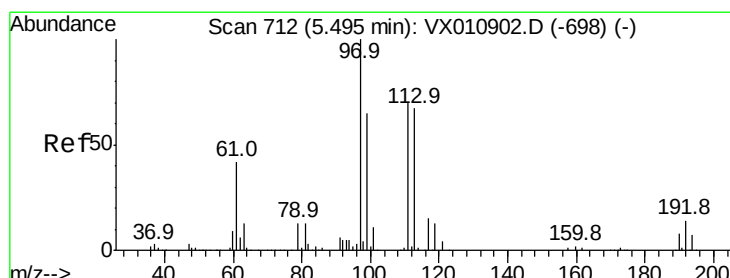
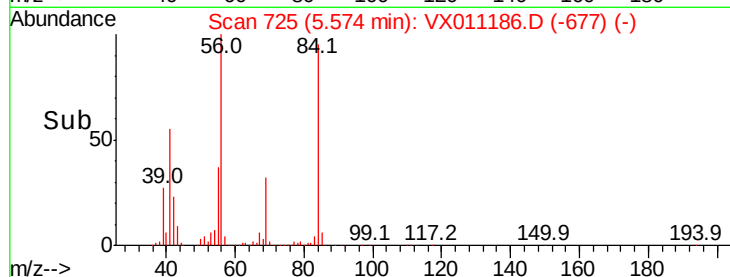
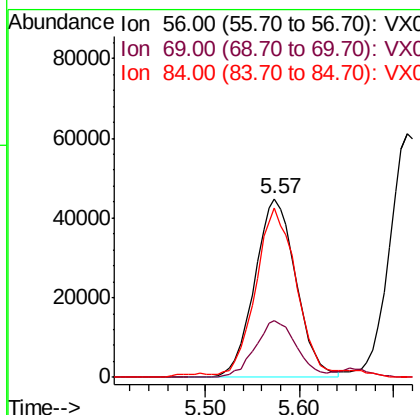
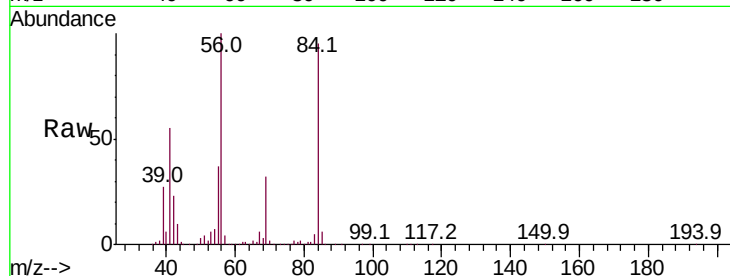
#31
Cyclohexane
Concen: 51.613 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.8	38.8
84	93.3	73.8	110.6

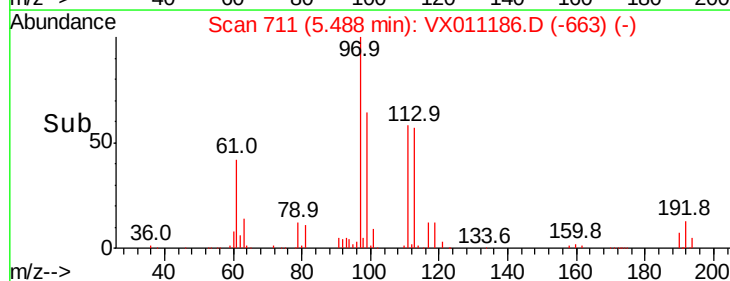
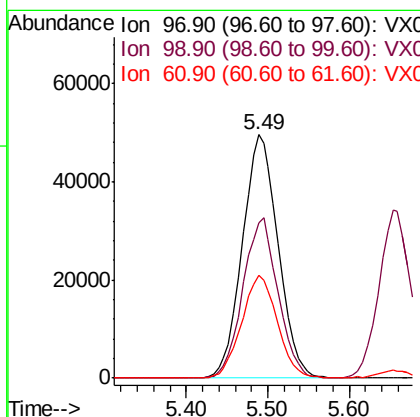
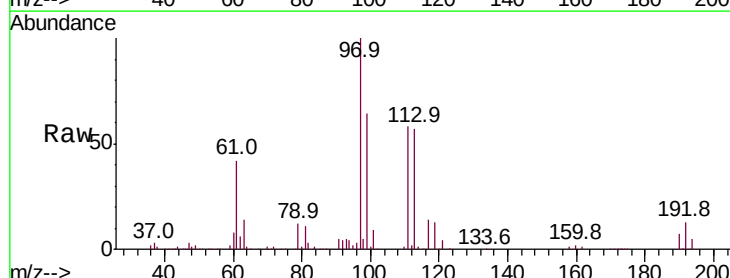
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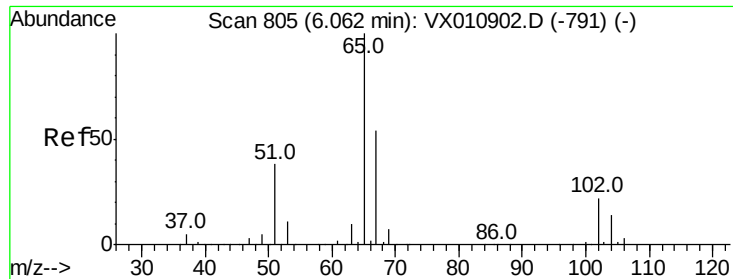
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#32
1,1,1-Trichloroethane
Concen: 55.464 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	42.2	33.0	49.6





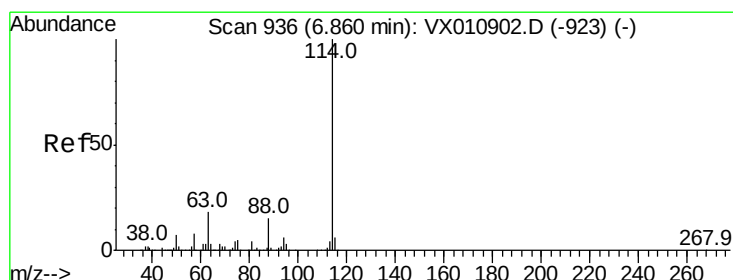
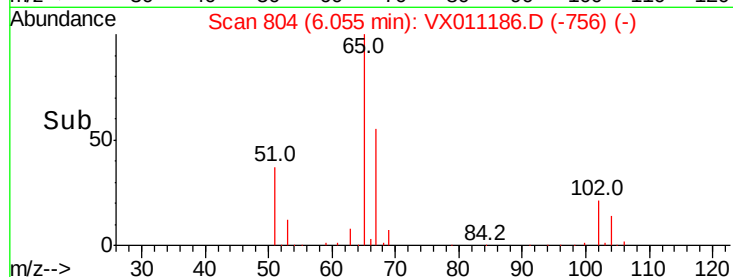
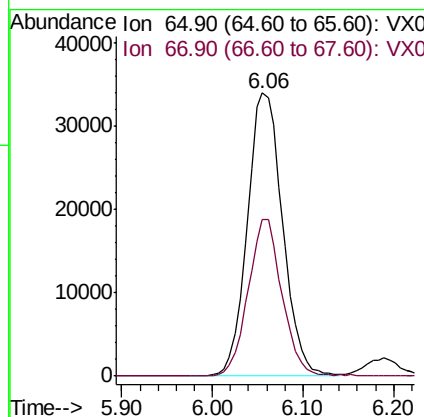
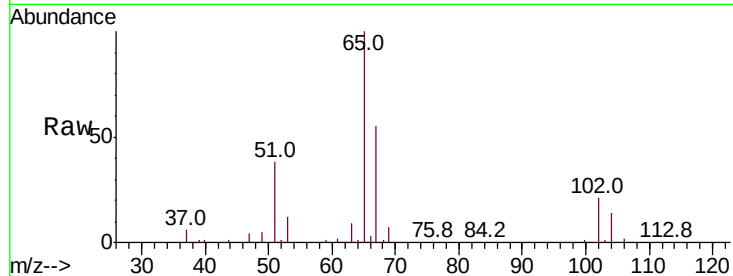
#33
 1,2-Dichloroethane-d4
 Concen: 46.775 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8

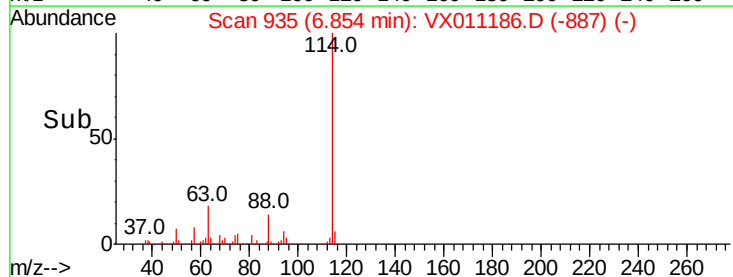
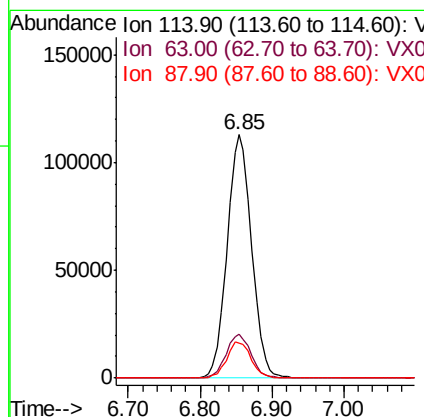
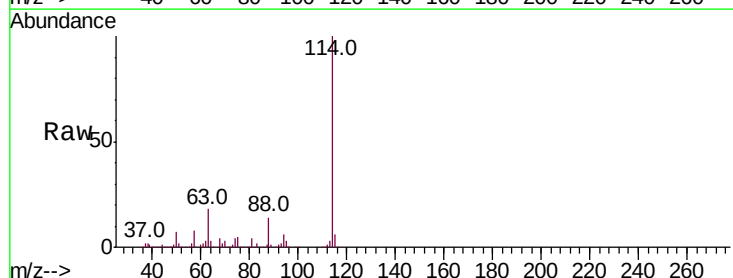
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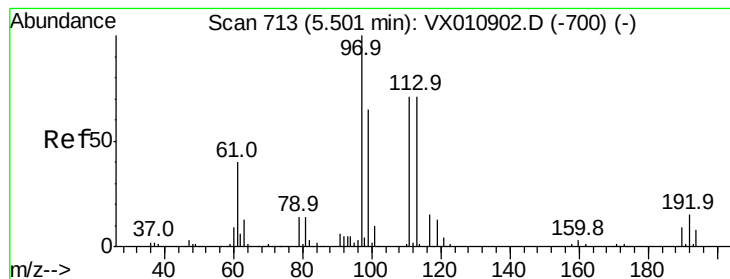
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	14.2	0.0	29.8





#35

Dibromofluoromethane

Concen: 48.927 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

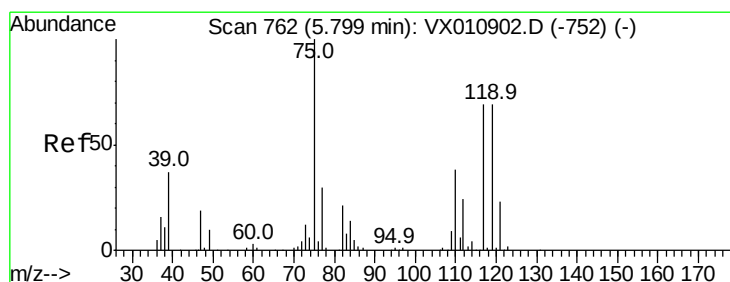
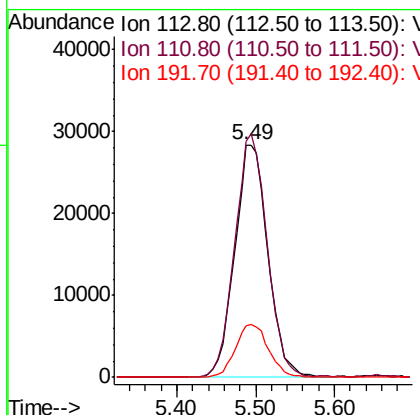
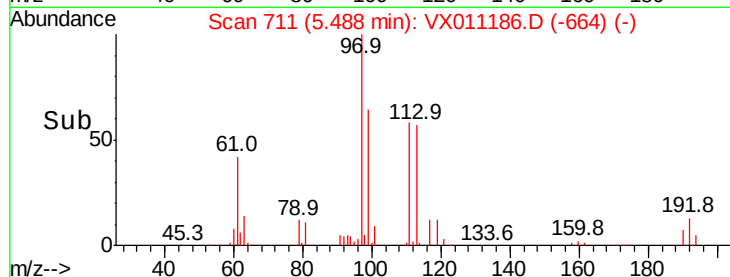
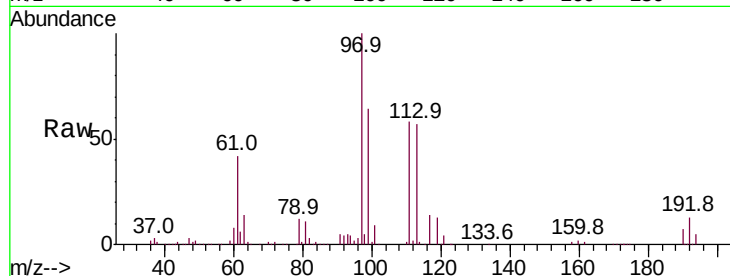
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	82864
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.7	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 56.626 ug/l

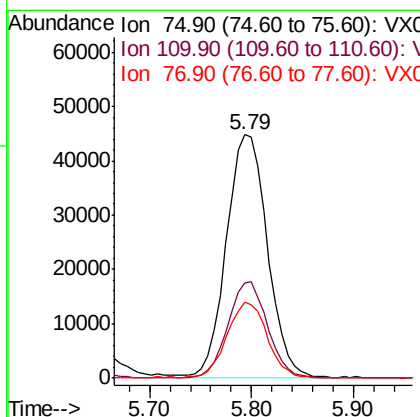
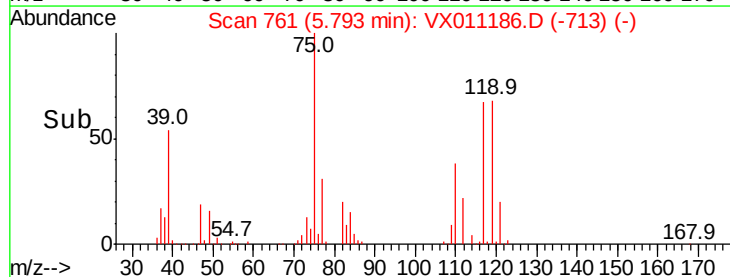
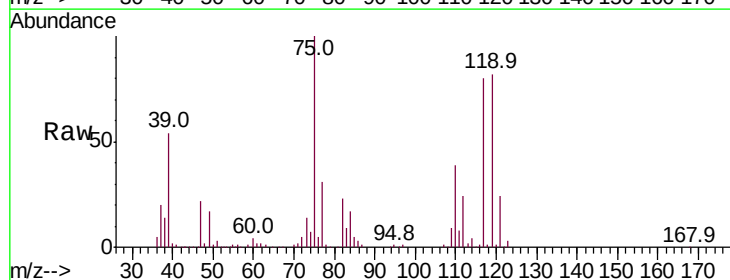
RT: 5.79 min Scan# 761

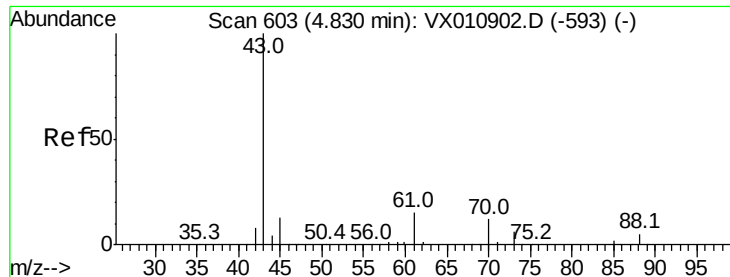
Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion:	75	Resp:	124111
Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.9	59.7
77	30.9	25.0	37.4





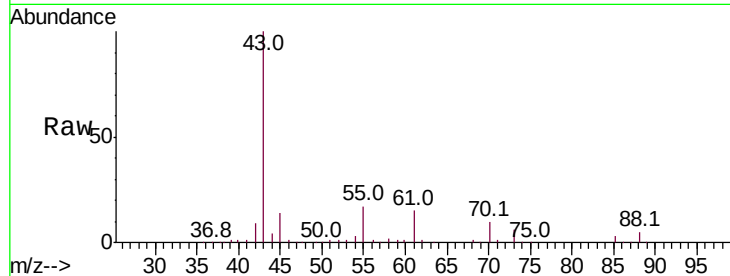
#37
Ethyl Acetate
Concen: 54.603 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

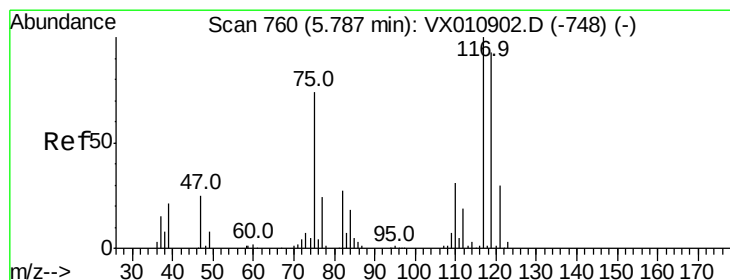
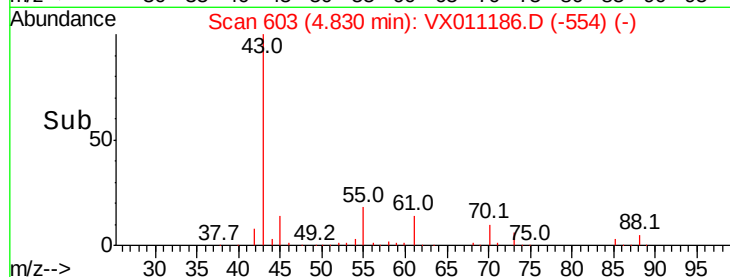
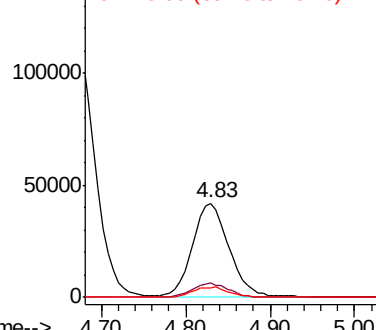
Tot Ion	43	Resp	122544
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.6	17.4
70	11.4	9.1	13.7

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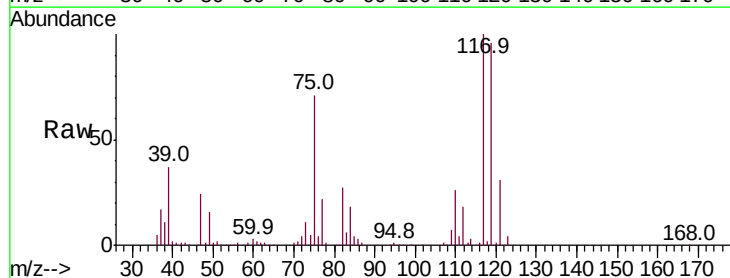


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

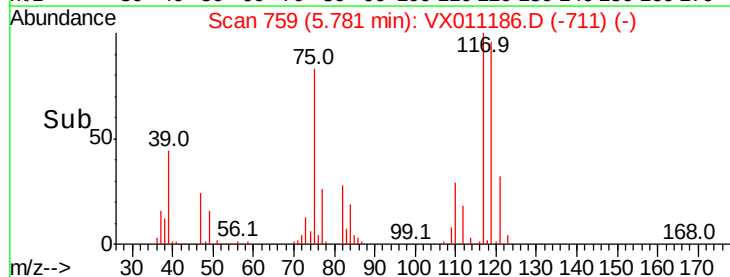
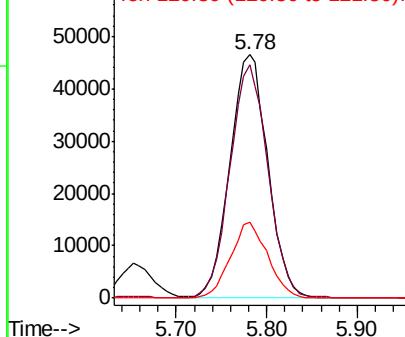


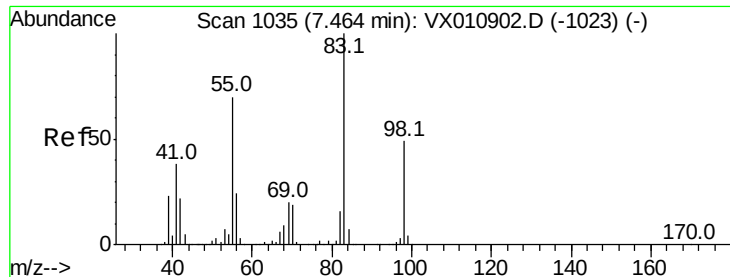
#38
Carbon Tetrachloride
Concen: 59.269 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	117	Resp	135363
Ion Ratio	Lower	Upper	
117	100		
119	96.0	74.2	111.2
121	31.3	24.2	36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





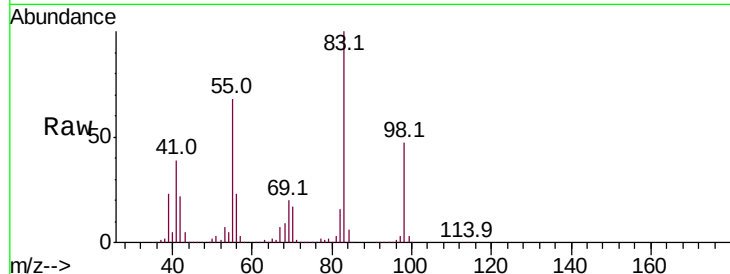
#39
Methylvlcyclohexane
Concen: 55.026 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

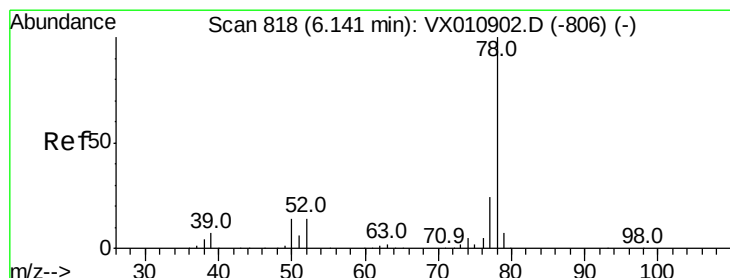
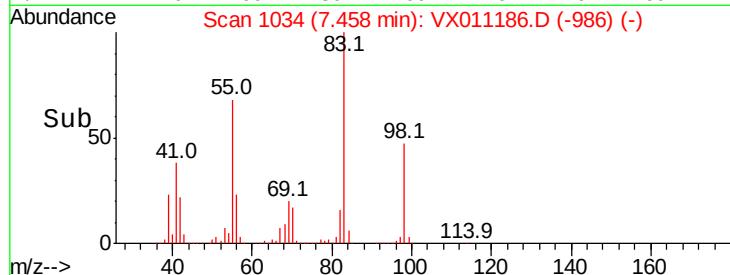
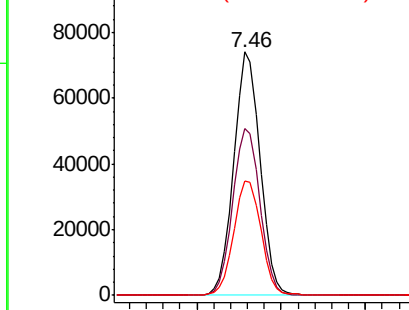
Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.2	84.4
98	47.0	39.0	58.4

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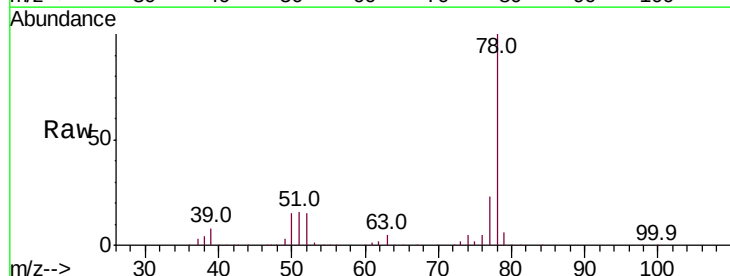


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

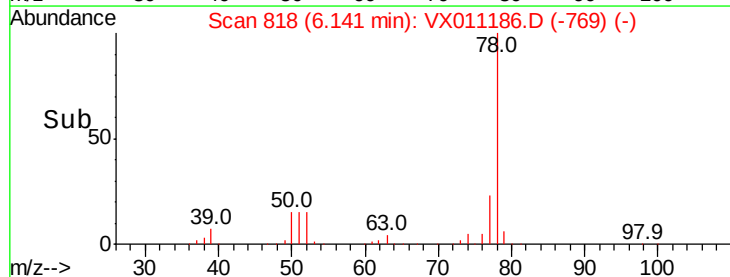
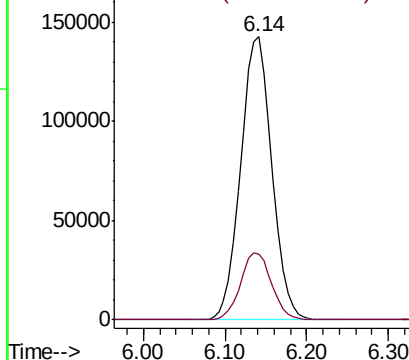


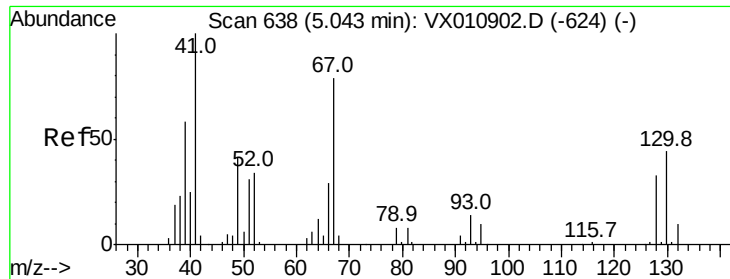
#40
Benzene
Concen: 56.375 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





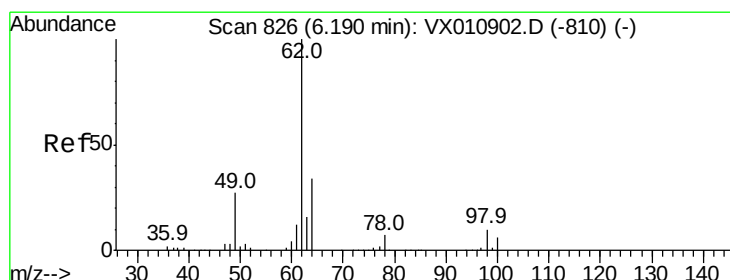
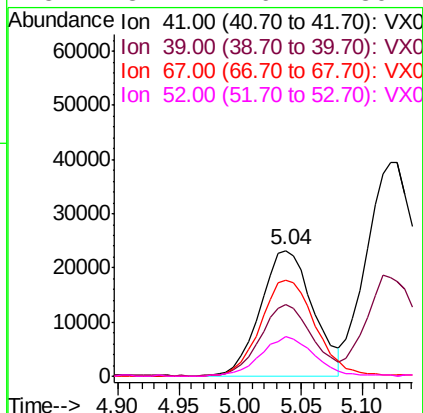
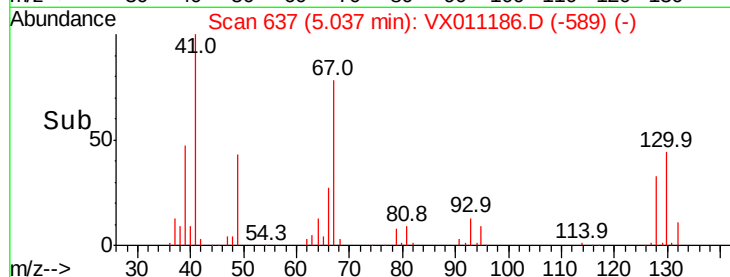
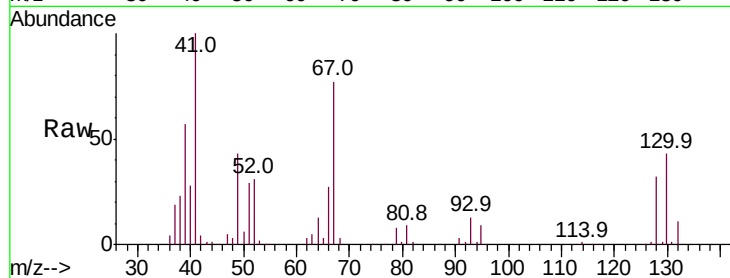
#41
Methacrylonitrile
Concen: 54.337 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.4	68.2
67	80.2	65.9	98.9
52	31.2	26.2	39.2

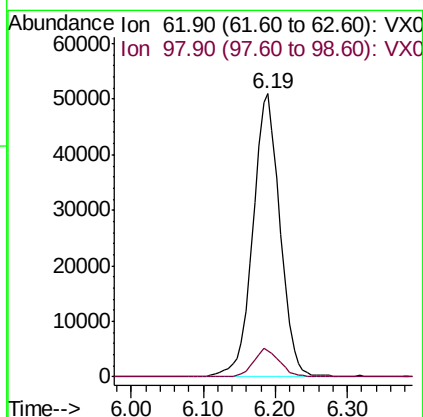
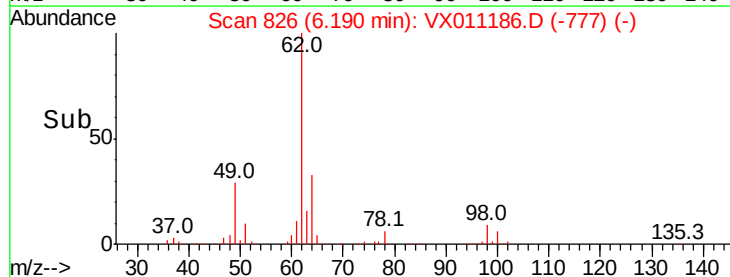
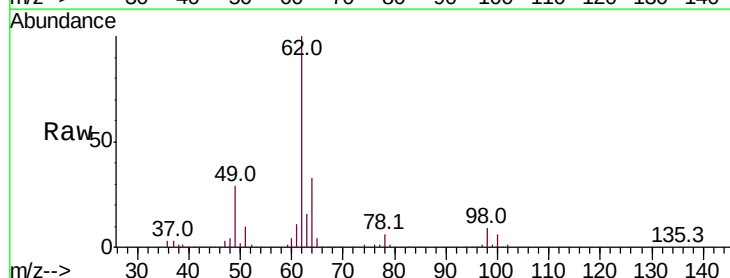
Manual Integrations
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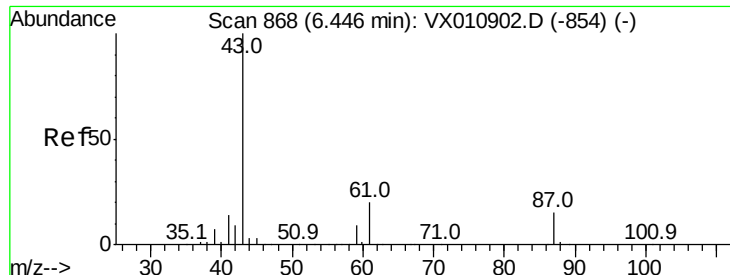
MMDadoda
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#42
1,2-Dichloroethane
Concen: 57.182 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 55.726 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

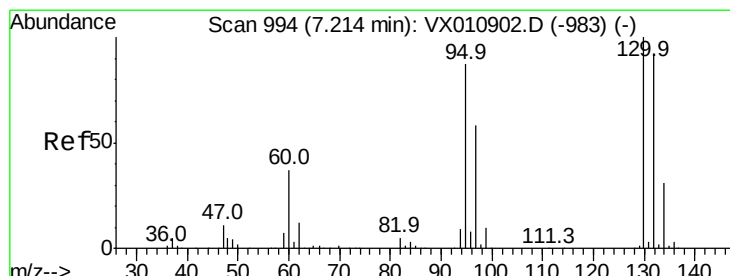
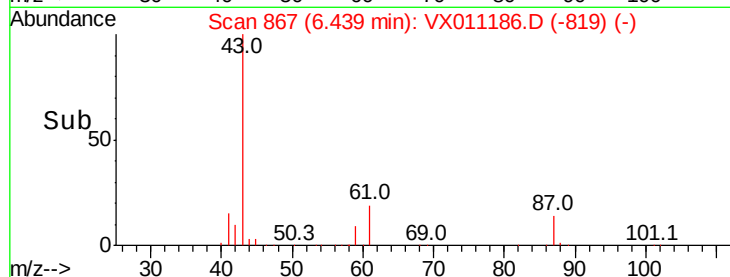
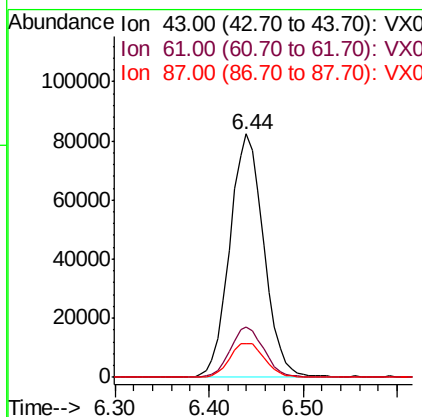
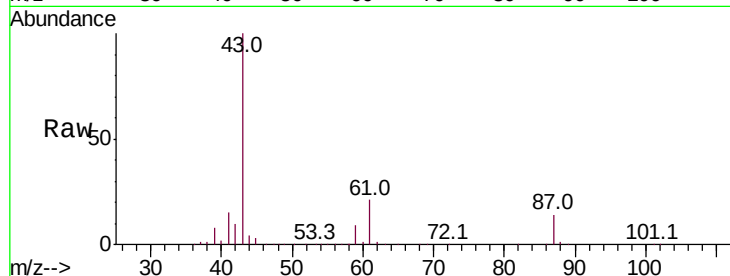
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	205644
Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.1	25.7
87	14.7	12.0	18.0

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#44

Trichloroethene

Concen: 55.513 ug/l

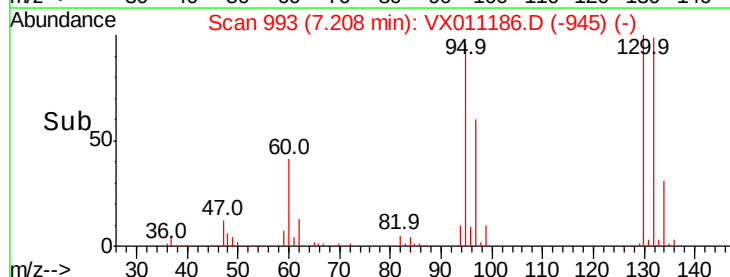
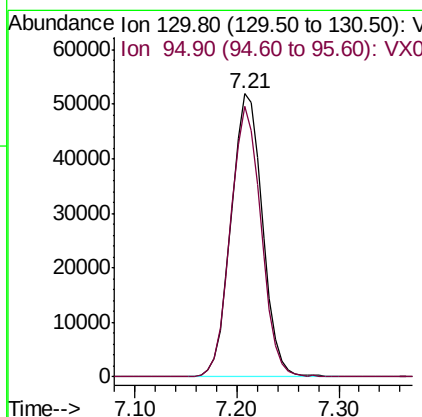
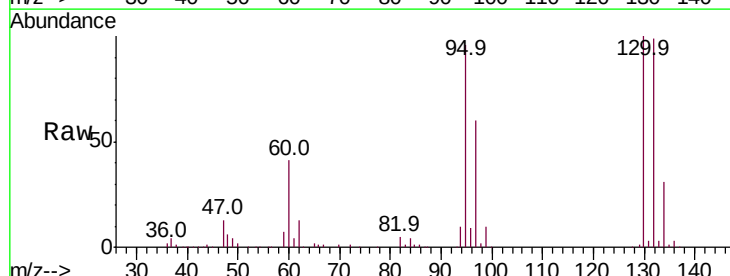
RT: 7.21 min Scan# 993

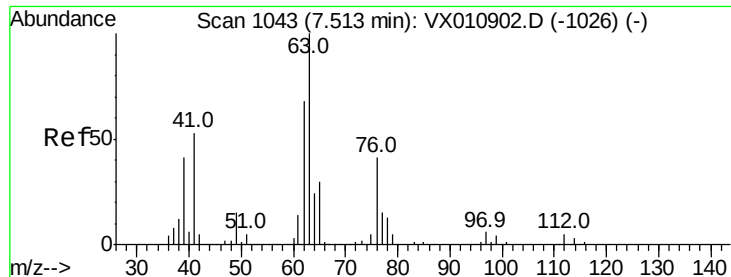
Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion:	130	Resp:	110321
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	174.8





#45

1,2-Dichloropropane

Concen: 56.654 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 96810

Ion Ratio Lower Upper

63 100

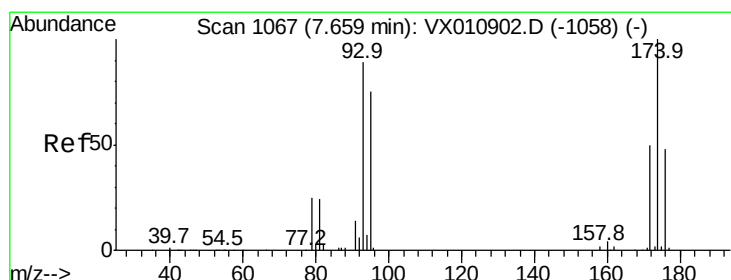
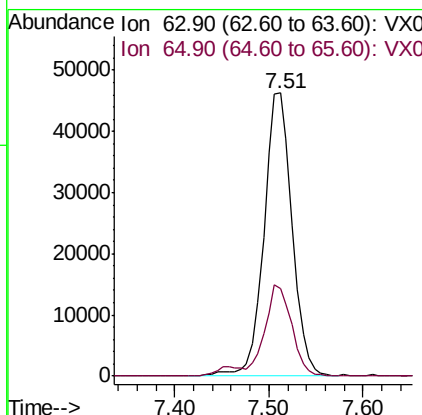
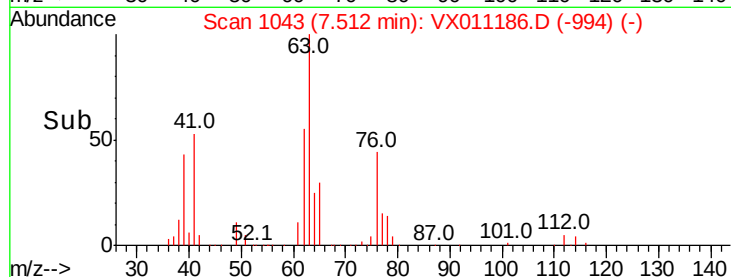
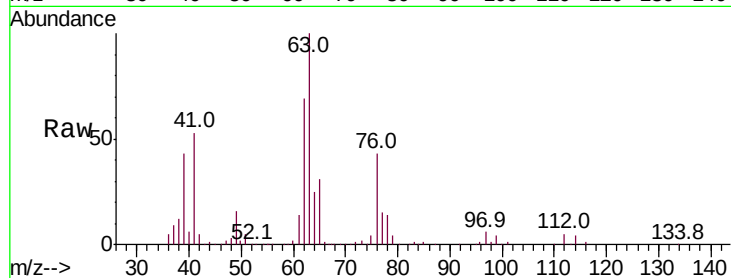
65 30.9 24.4 36.6

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#46

Dibromomethane

Concen: 57.708 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

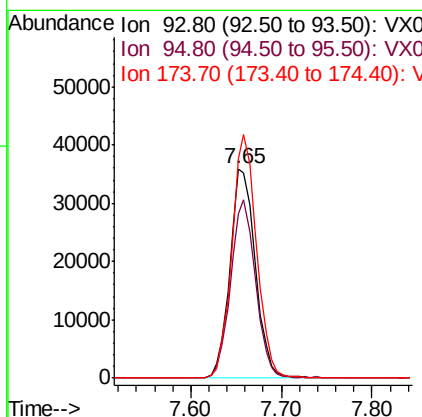
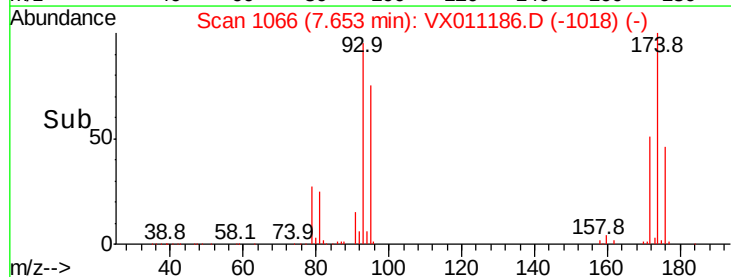
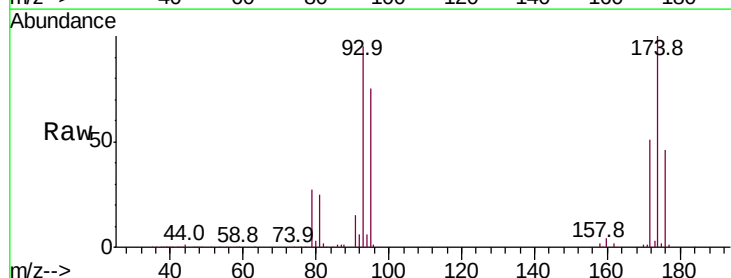
Tgt Ion: 93 Resp: 70463

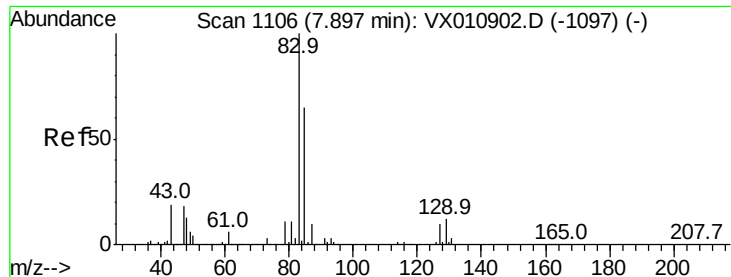
Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

174 113.4 90.6 135.8





#47

Bromodichloromethane

Concen: 60.022 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

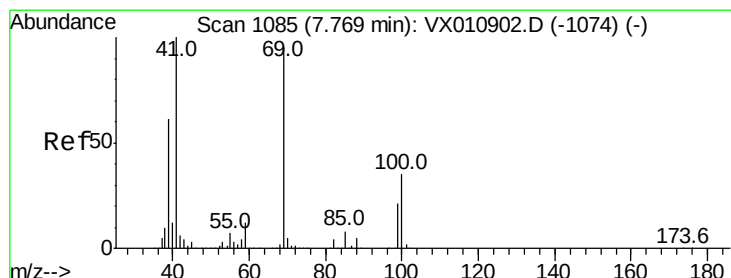
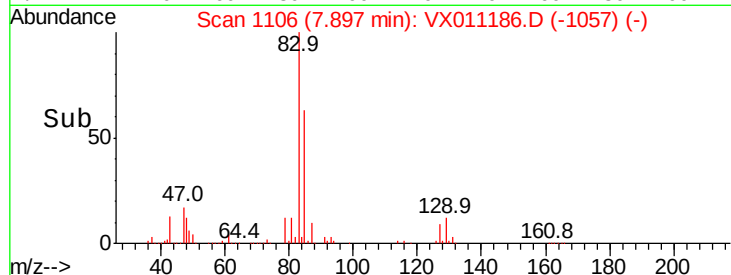
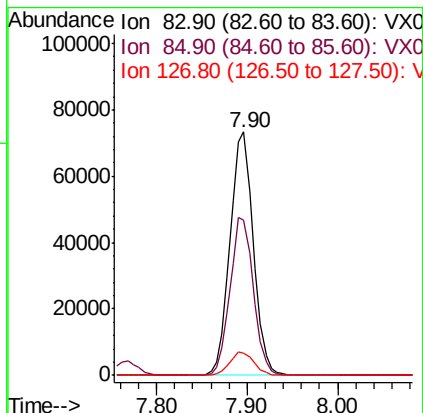
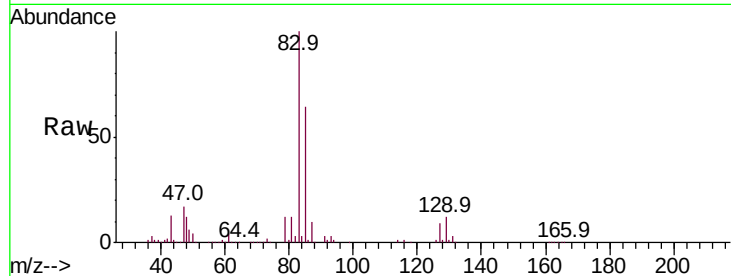
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	130460
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.5	78.7
127	9.0	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.890 ug/l

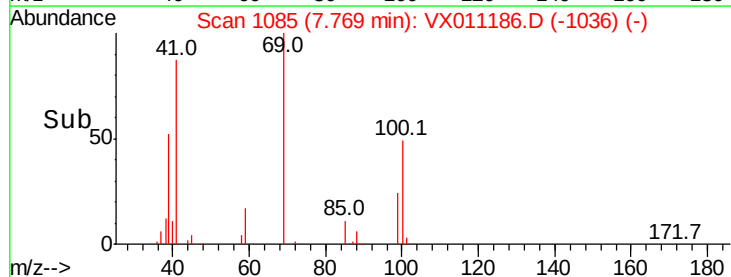
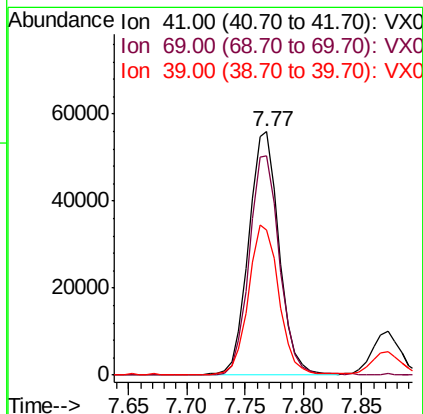
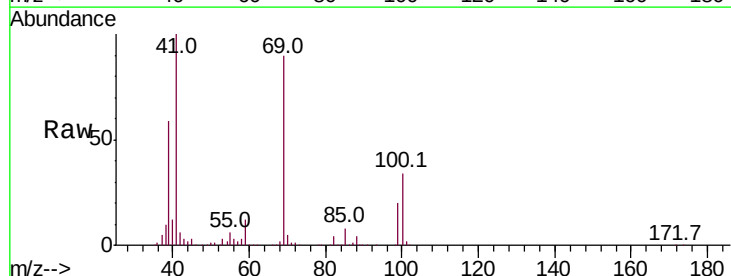
RT: 7.77 min Scan# 1085

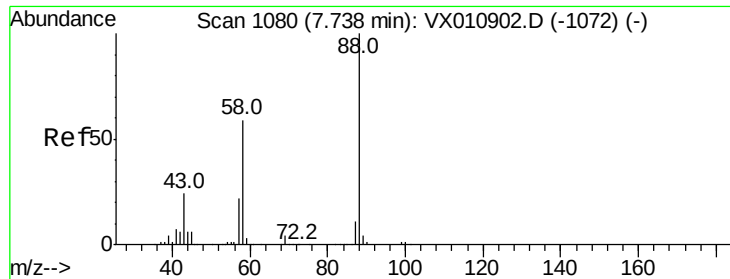
Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion:	41	Resp:	102272
Ion	Ratio	Lower	Upper
41	100		
69	89.6	74.4	111.6
39	61.1	48.9	73.3





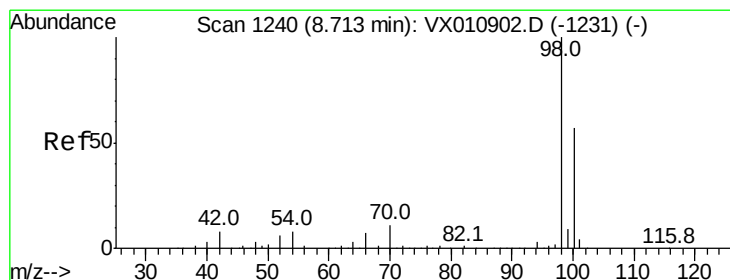
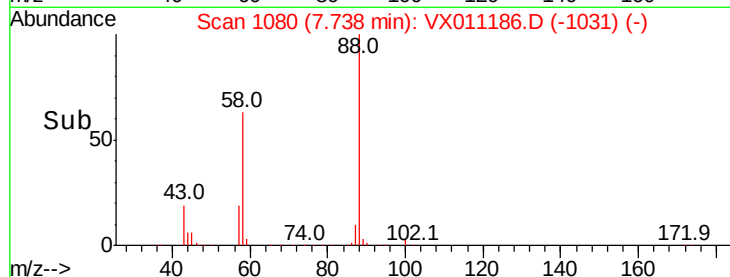
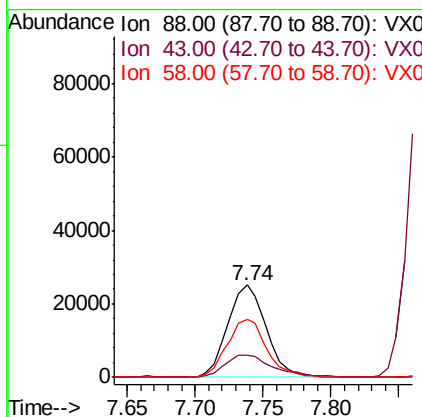
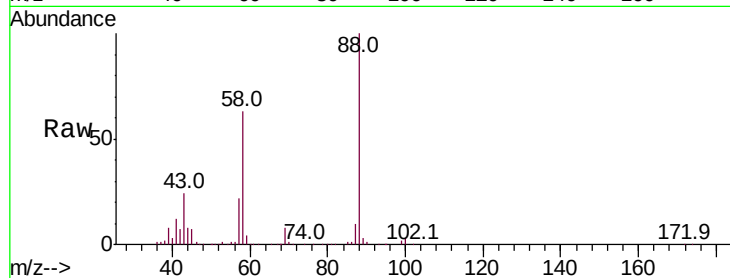
#49
 1,4-Dioxane
 Concen: 986.665 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.9	34.3
58	64.6	49.8	74.8

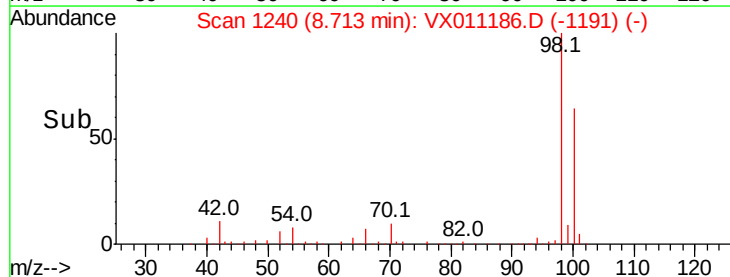
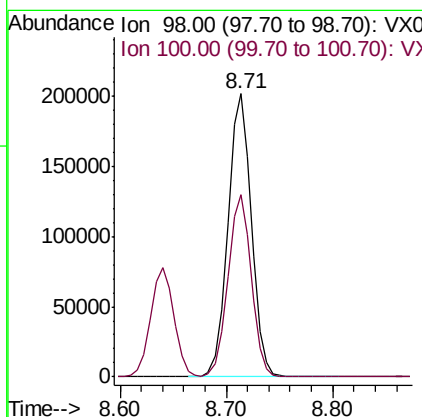
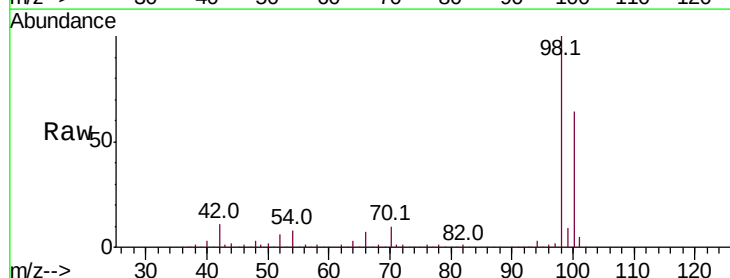
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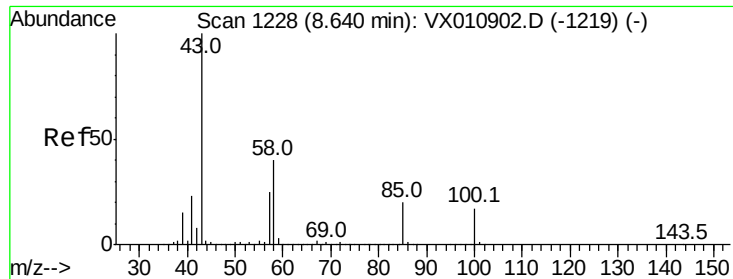
MMDadoda
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#50
 Toluene-d8
 Concen: 48.954 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.6	75.8





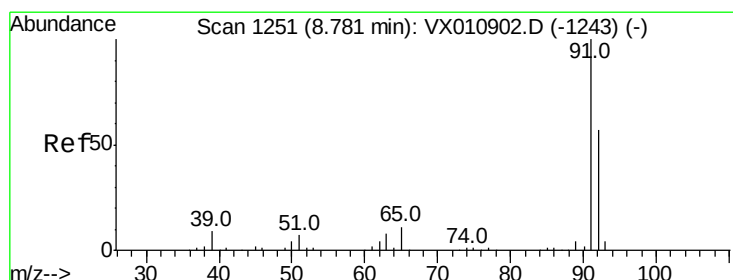
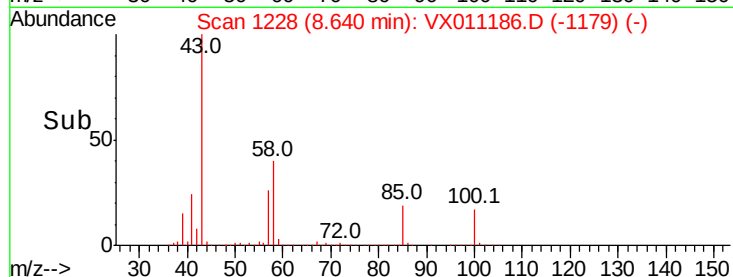
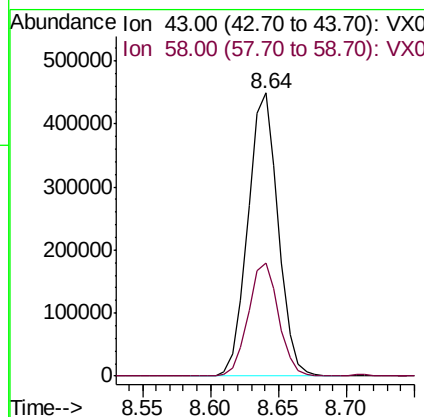
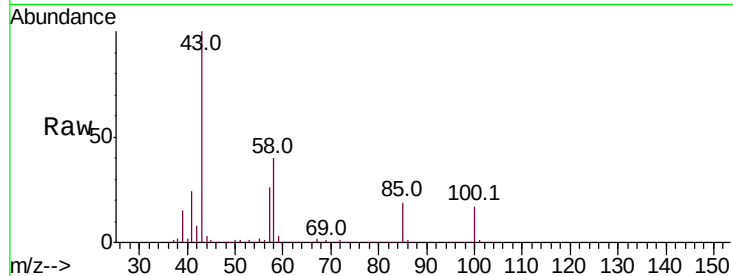
#51
4-Methyl-2-Pentanone
Concen: 292.315 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 699272
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.4

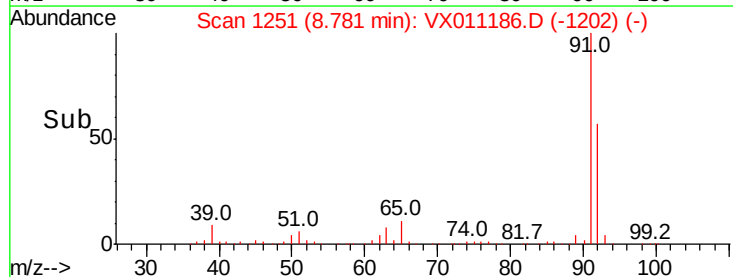
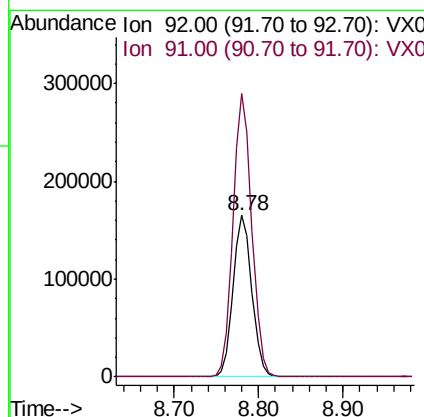
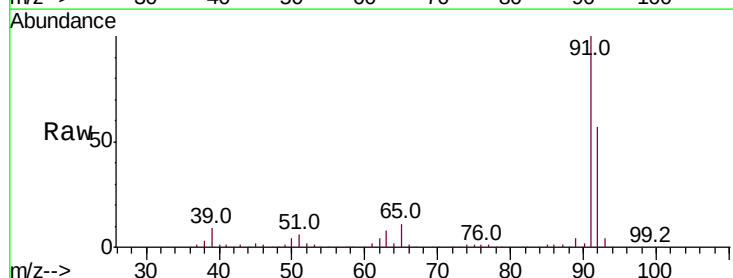
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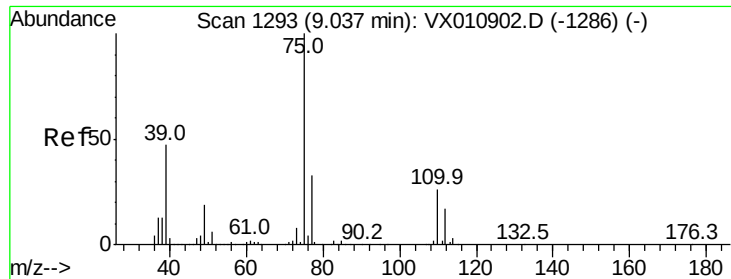
MMDadoda
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#52
Toluene
Concen: 56.784 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 92 Resp: 250444
Ion Ratio Lower Upper
92 100
91 175.1 139.4 209.0





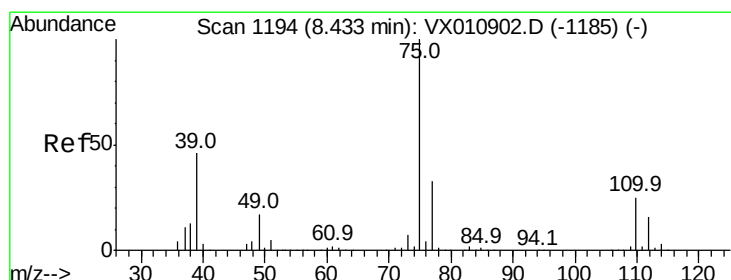
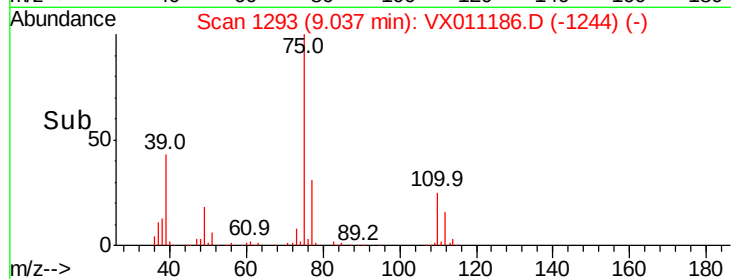
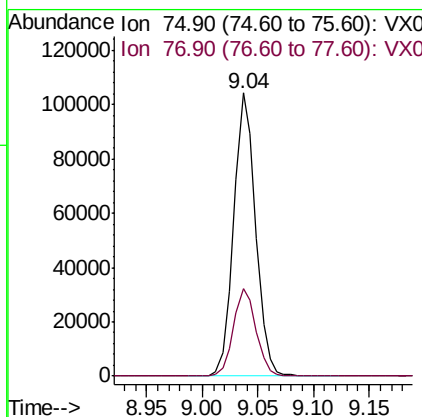
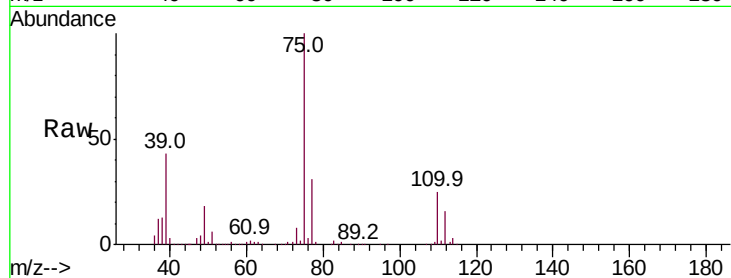
#53
t-1,3-Dichloropropene
Concen: 60.768 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.2

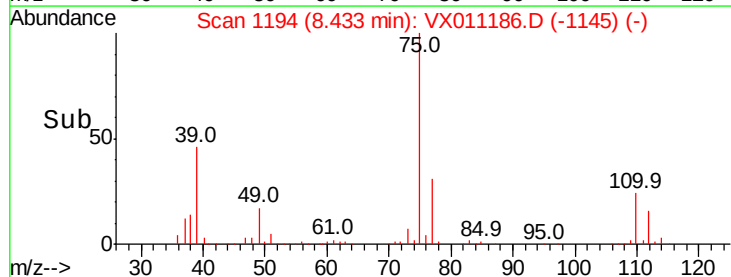
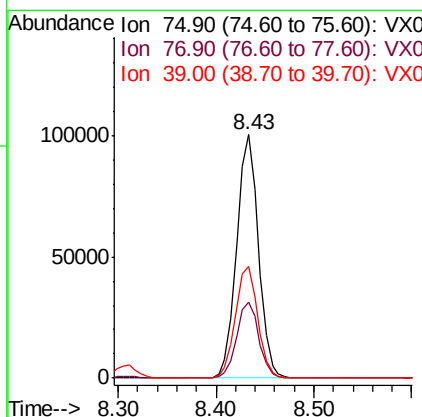
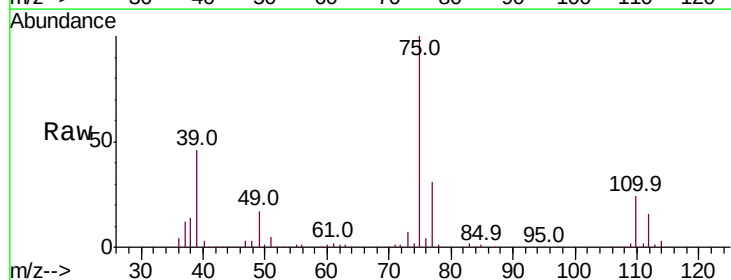
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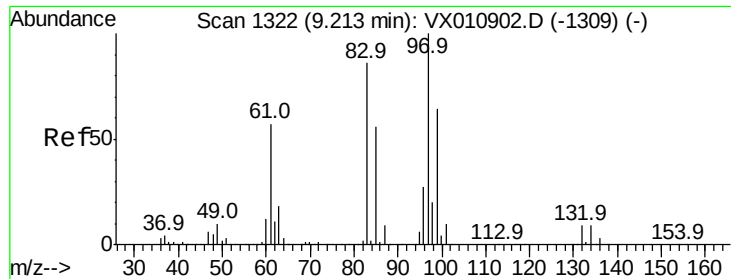
MMDadoda
7/31/2019 10:53:40 AM



#54
cis-1,3-Dichloropropene
Concen: 59.639 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.1	39.1
39	45.6	36.6	54.8





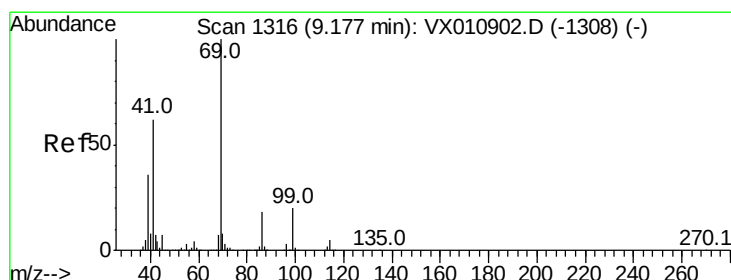
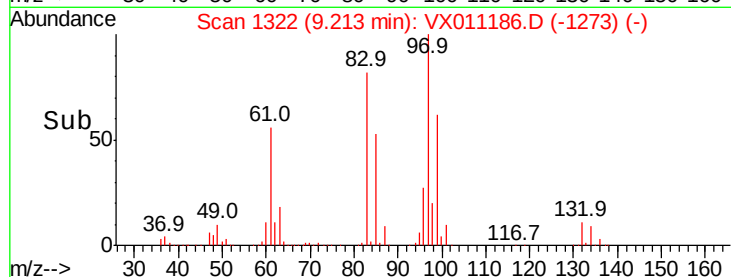
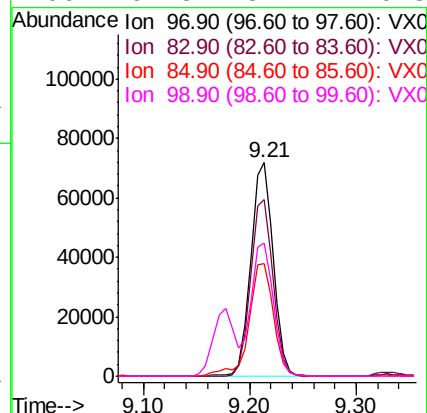
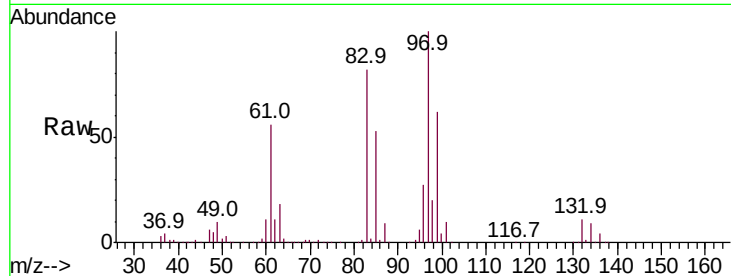
#55
 1,1,2-Trichloroethane
 Concen: 58.730 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	106654
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.2	103.8
85	52.6	44.6	66.8
99	62.3	51.2	76.8

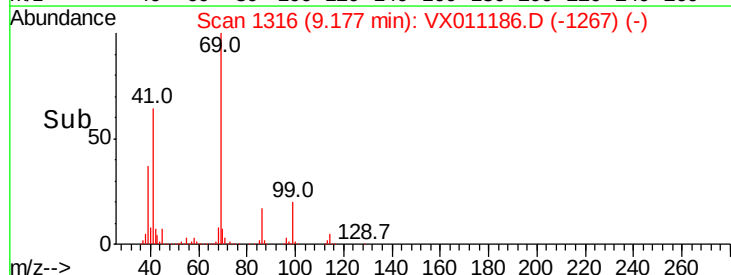
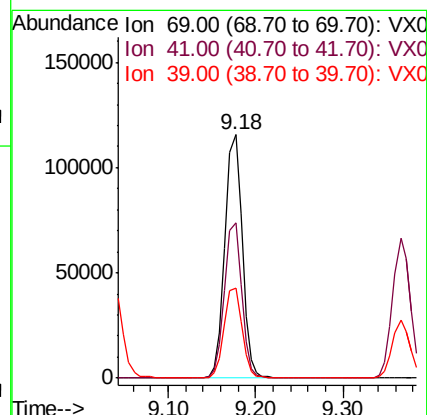
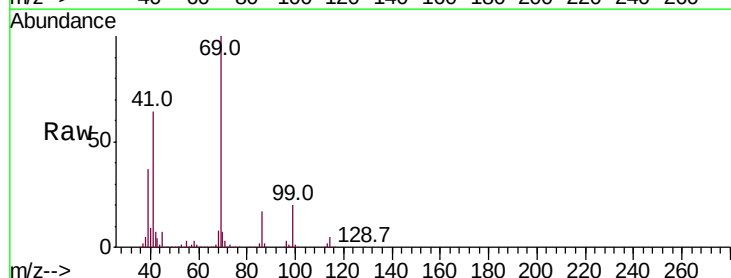
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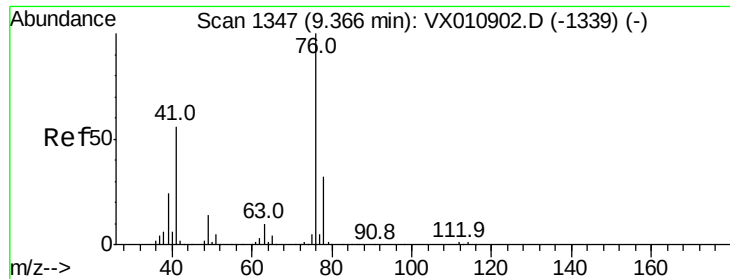
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 59.945 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion	69	Resp	159237
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.7	74.5
39	37.8	29.6	44.4





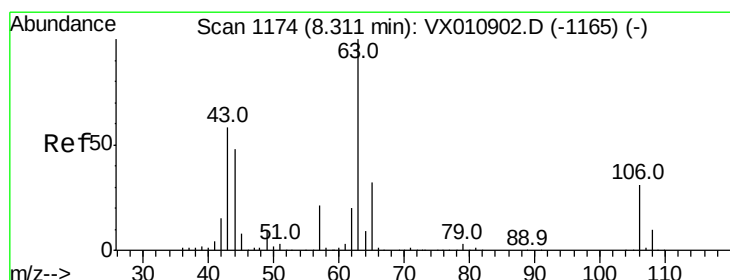
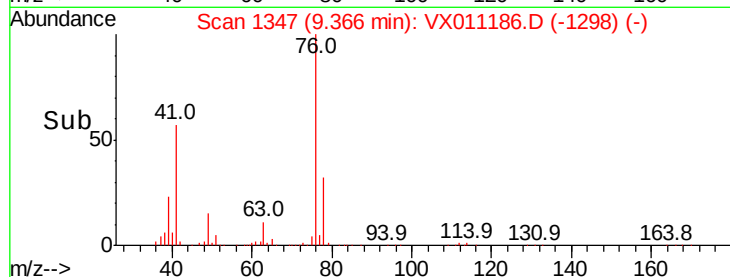
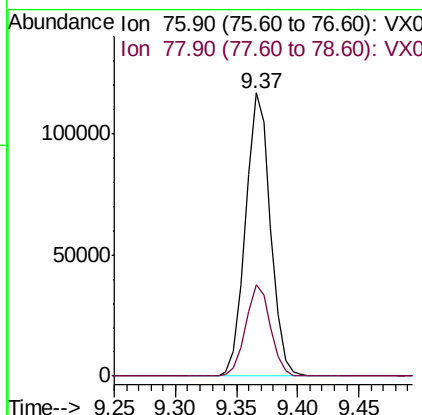
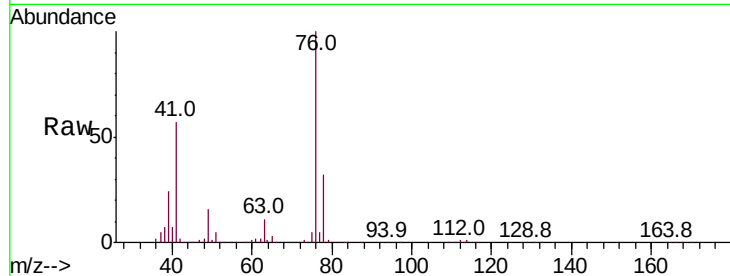
#57
 1,3-Dichloropropane
 Concen: 57.294 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 165054
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

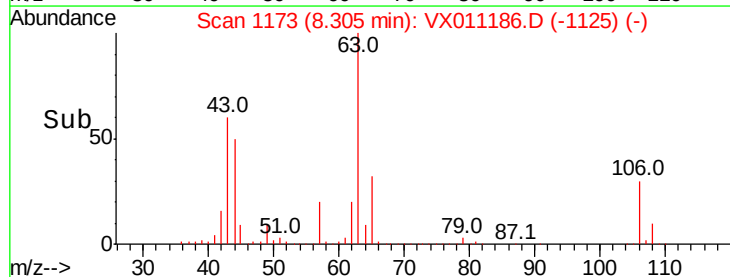
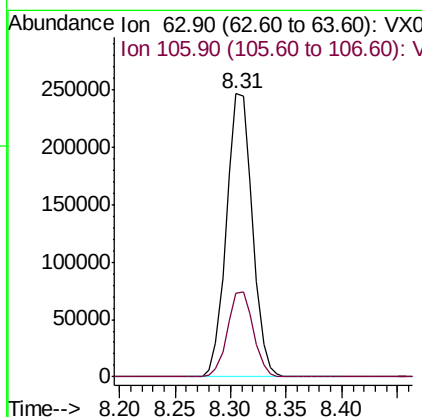
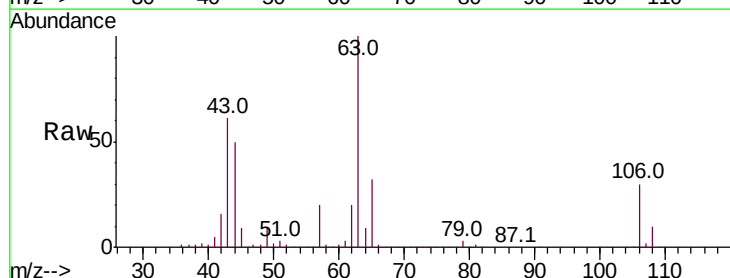
Manual Integrations
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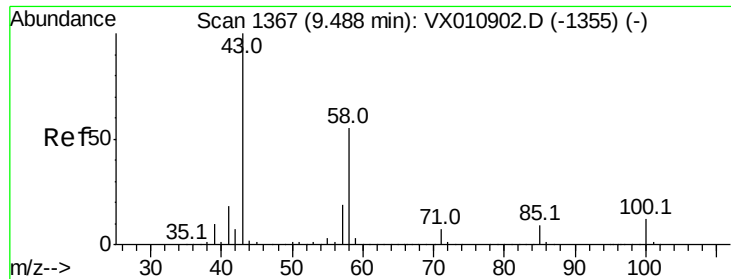
MMDadoda
 7/31/2019 10:53:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 313.054 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion: 63 Resp: 396967
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0





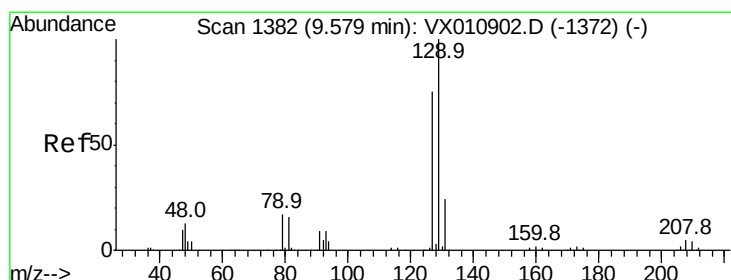
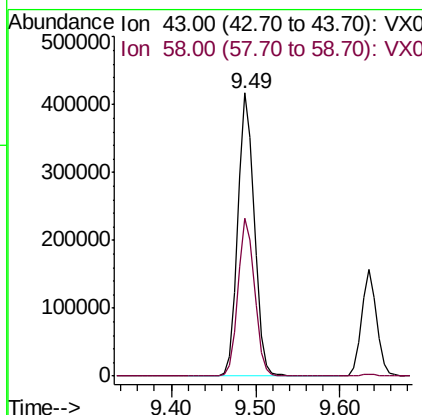
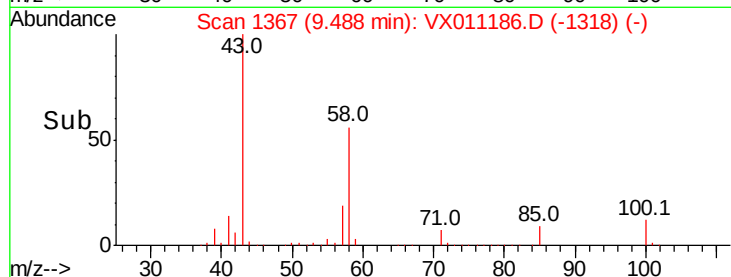
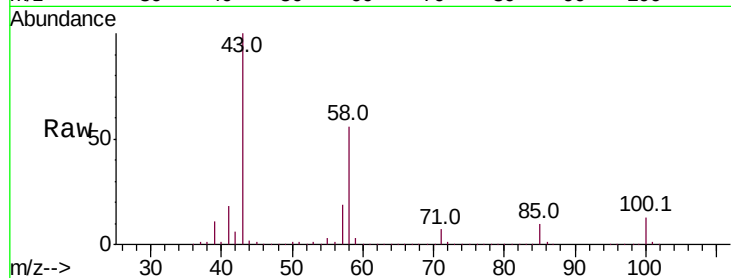
#59
2-Hexanone
Concen: 293.750 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 545030
Ion Ratio Lower Upper
43 100
58 55.8 28.0 83.9

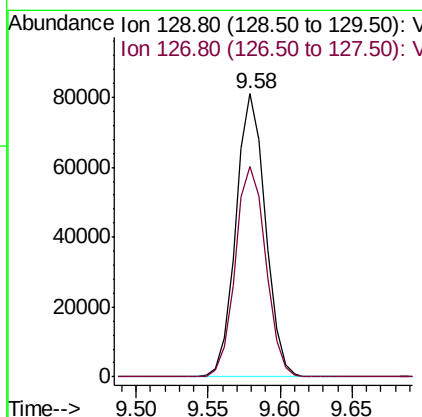
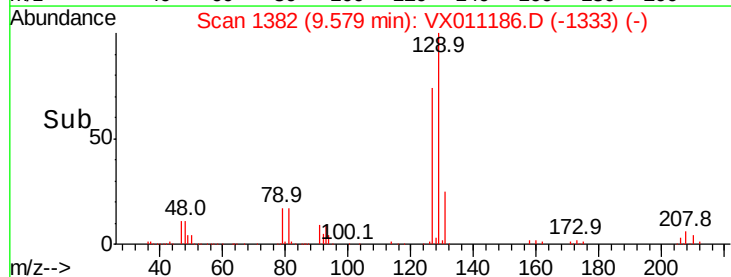
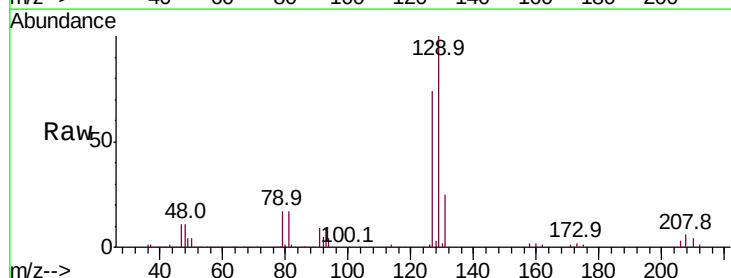
Manual Integrations
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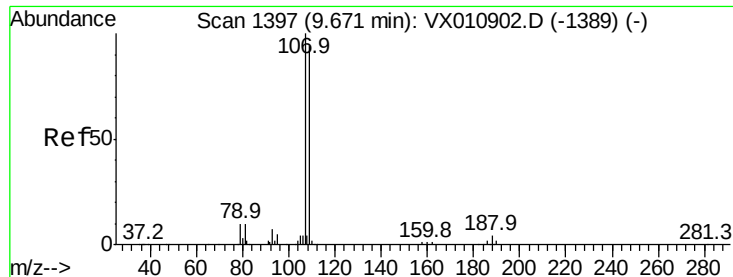
MMDadoda
7/31/2019 10:53:40 AM



#60
Dibromochloromethane
Concen: 55.192 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 129 Resp: 115928
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 58.759 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 113243

Ion Ratio Lower Upper

107 100

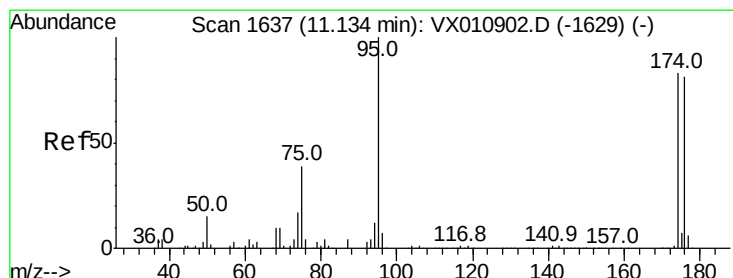
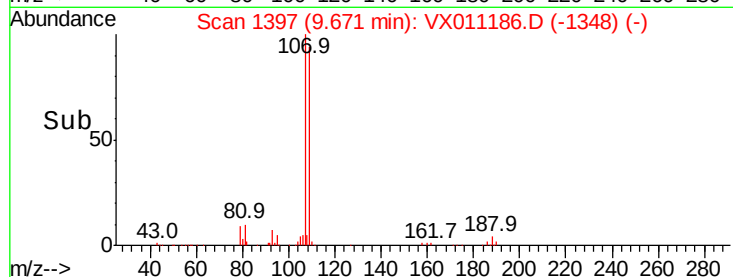
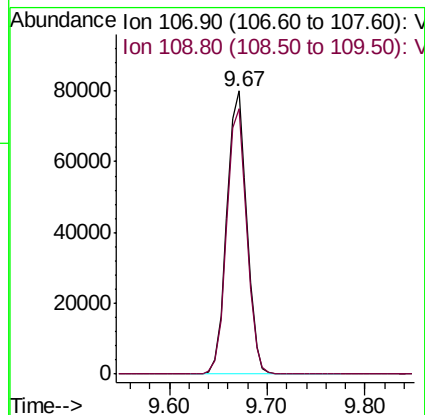
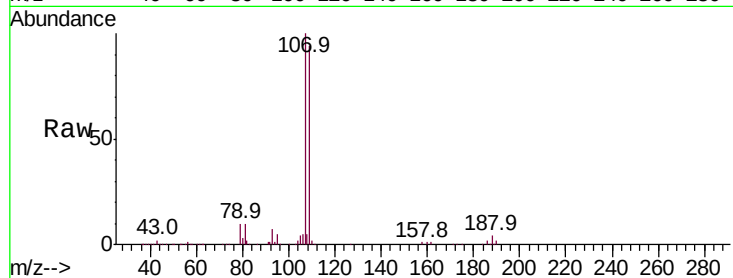
109 94.5 75.4 113.0

Manual Integrations

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MMDadoda

7/31/2019 10:53:40 AM



#62

4-Bromofluorobenzene

Concen: 52.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

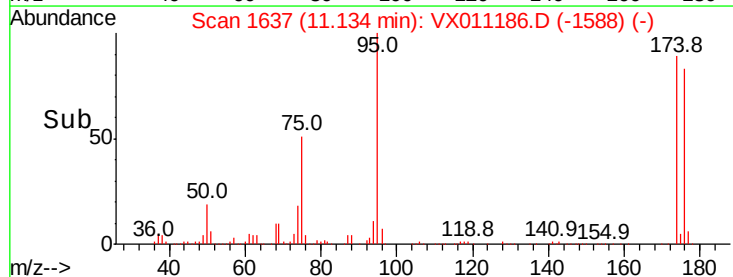
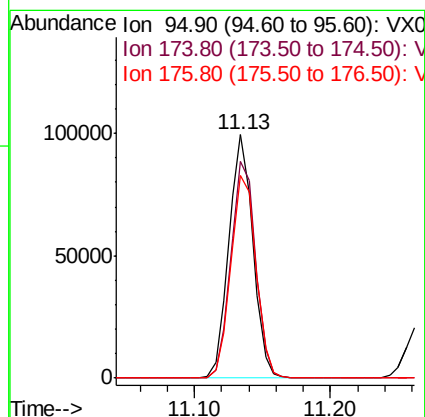
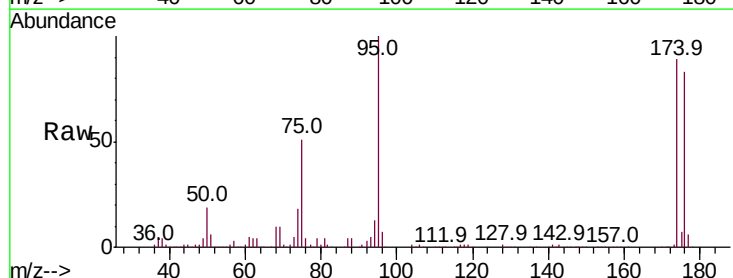
Tgt Ion: 95 Resp: 122185

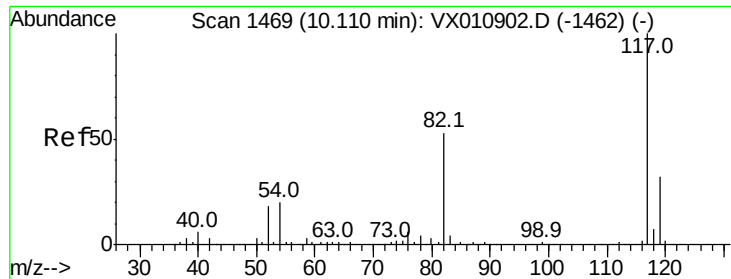
Ion Ratio Lower Upper

95 100

174 92.0 0.0 180.6

176 87.4 0.0 173.8





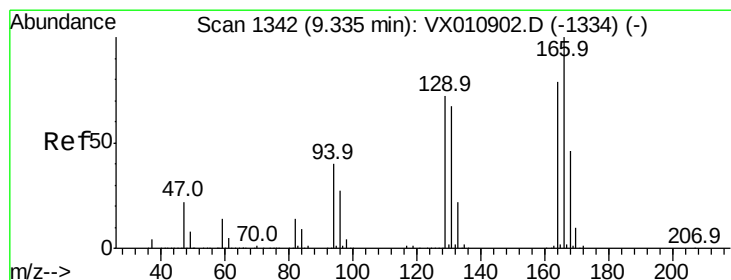
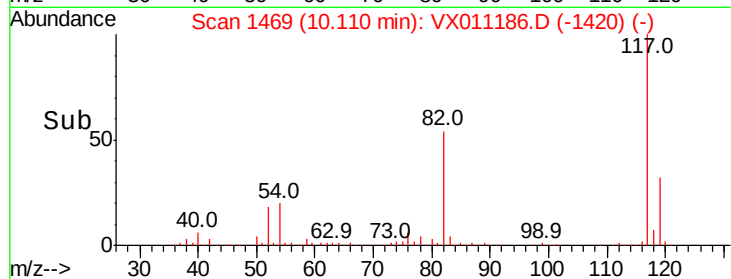
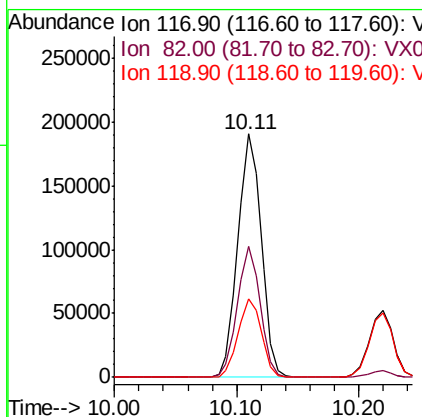
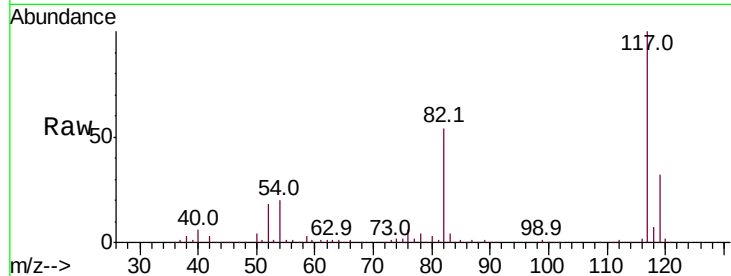
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	63.8
119	32.3	25.9	38.9

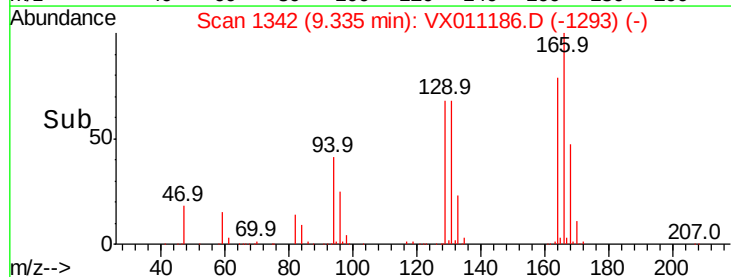
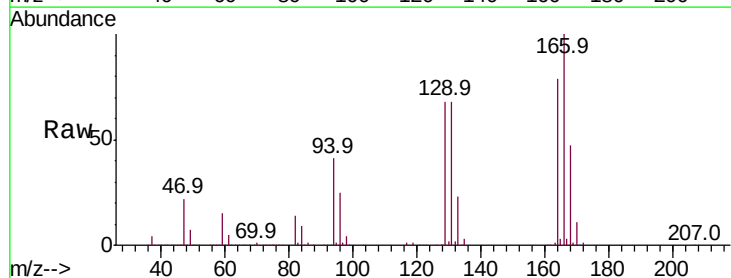
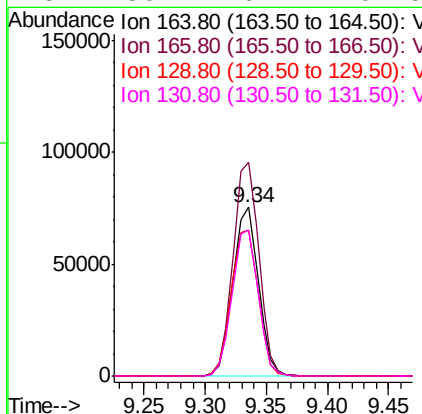
Manual Integrations
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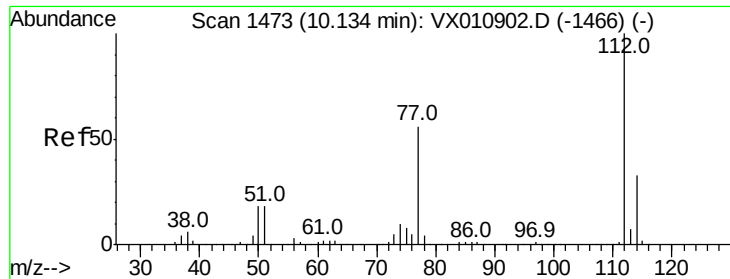
MMDadoda
7/31/2019 10:53:40 AM



#64
Tetrachloroethene
Concen: 54.519 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.8	151.2
129	86.4	72.6	109.0
131	86.7	67.7	101.5





#65

Chlorobenzene

Concen: 55.312 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 287472

Ion Ratio Lower Upper

112 100

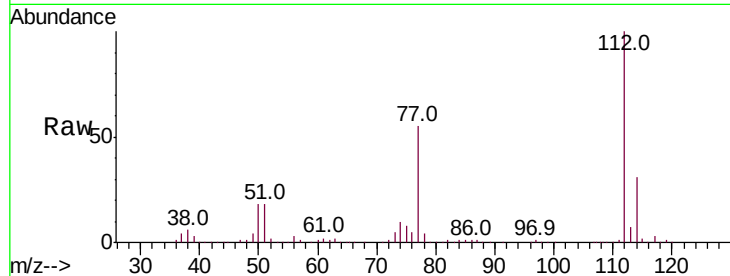
114 31.4 26.2 39.4

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

250000

200000

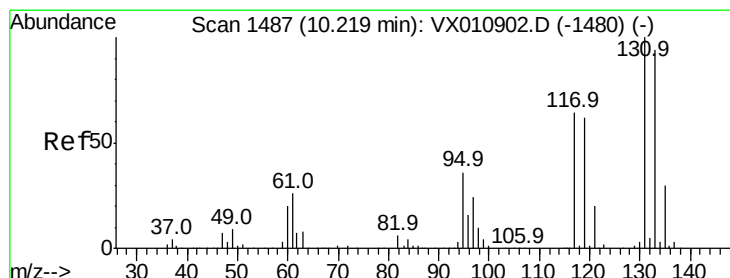
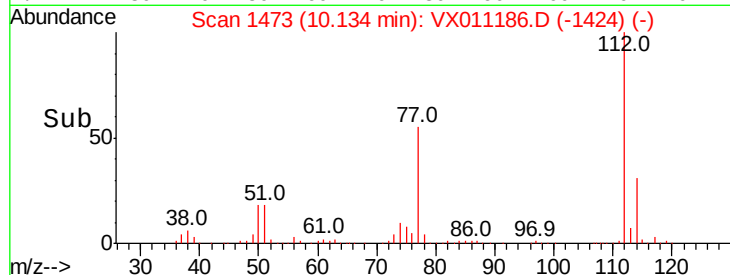
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 59.053 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

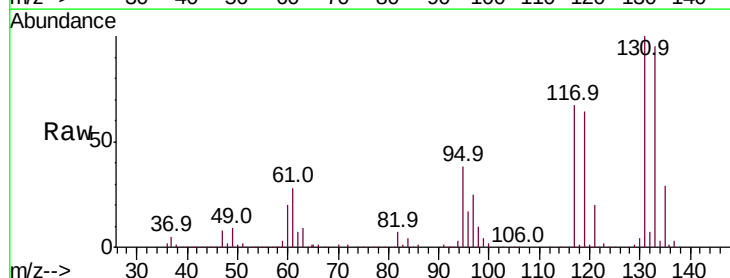
Tgt Ion:131 Resp: 107866

Ion Ratio Lower Upper

131 100

133 94.0 47.1 141.4

119 63.8 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

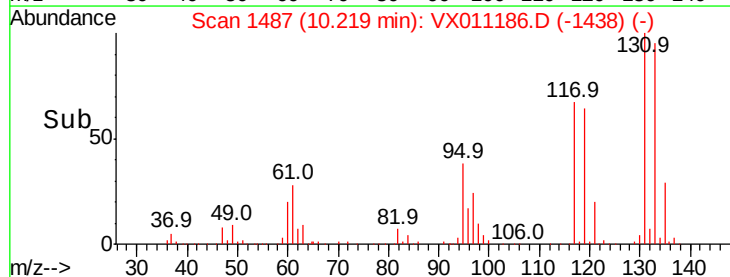
60000

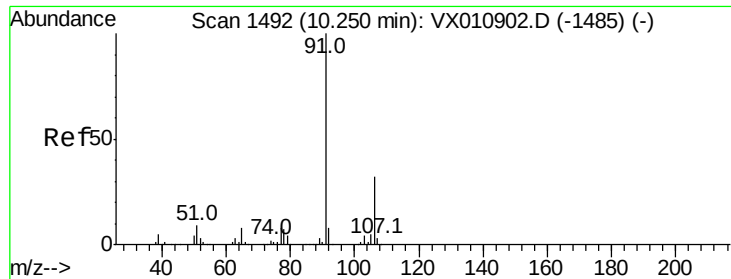
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 57.081 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 504960

Ion Ratio Lower Upper

91 100

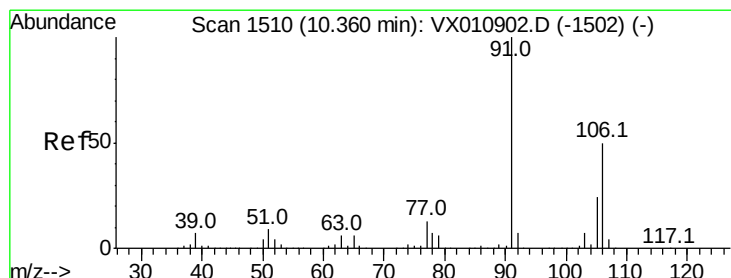
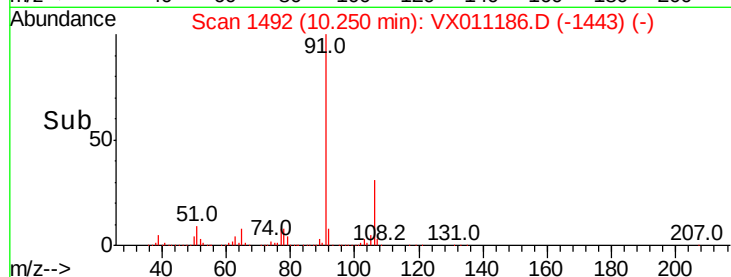
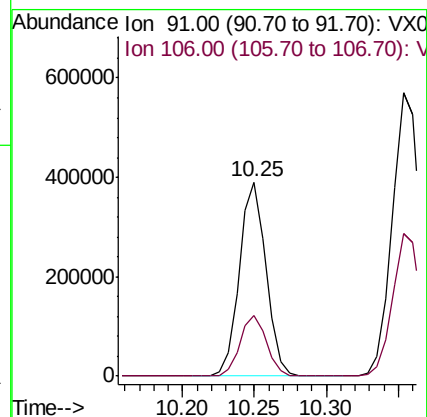
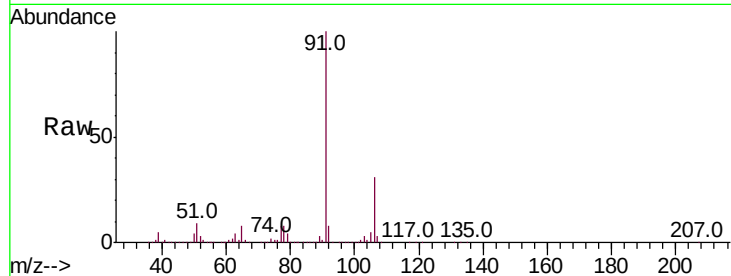
106 31.1 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 115.060 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011186.D

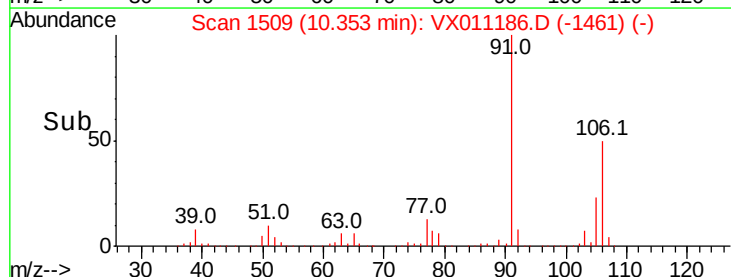
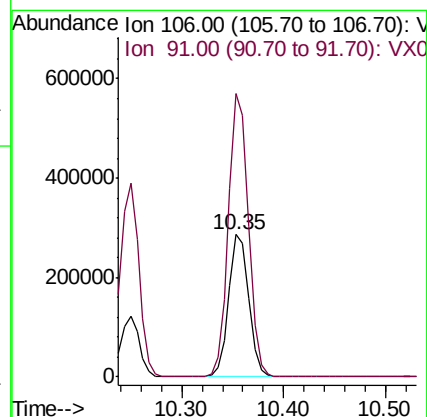
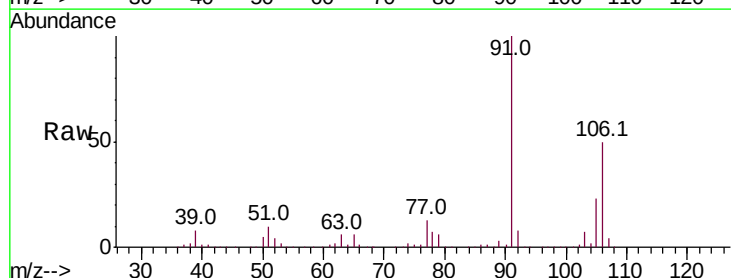
Acq: 30 Jul 2019 11:20

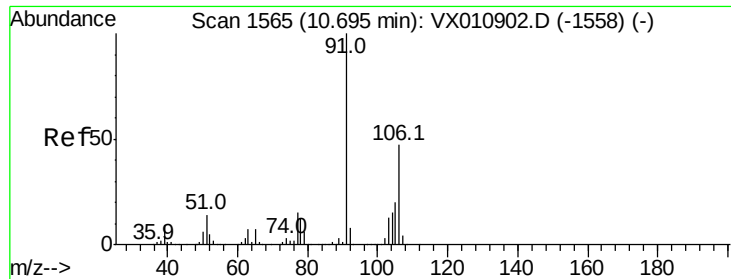
Tgt Ion: 106 Resp: 390444

Ion Ratio Lower Upper

106 100

91 198.5 160.1 240.1





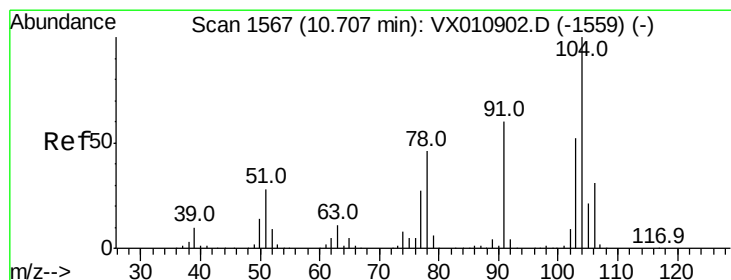
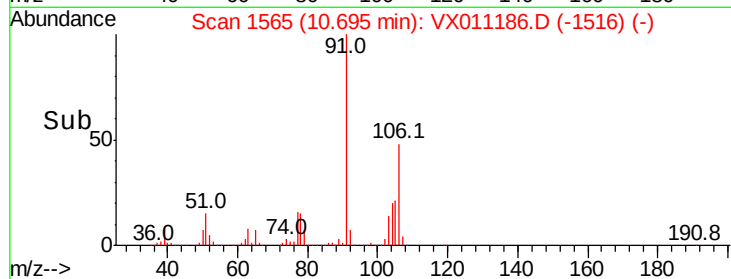
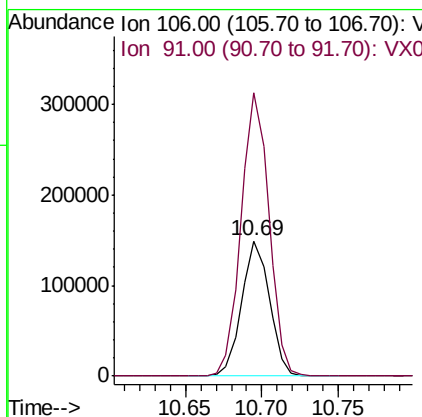
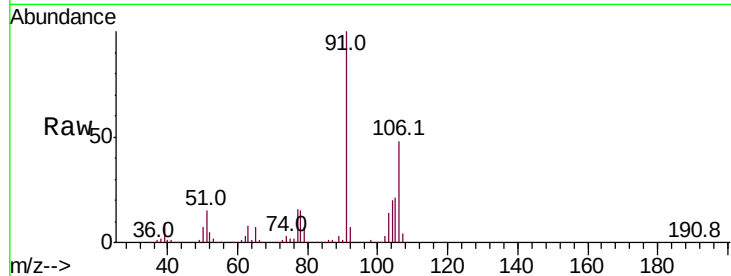
#69
o-Xylene
Concen: 56.981 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.1	315.3

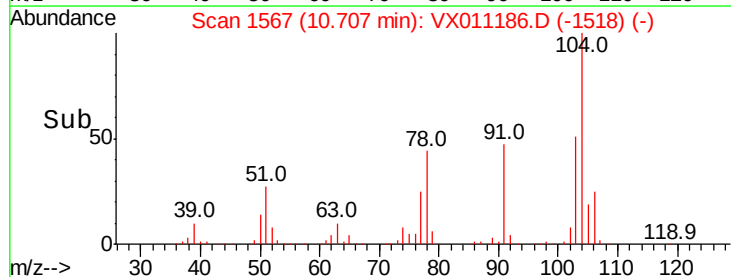
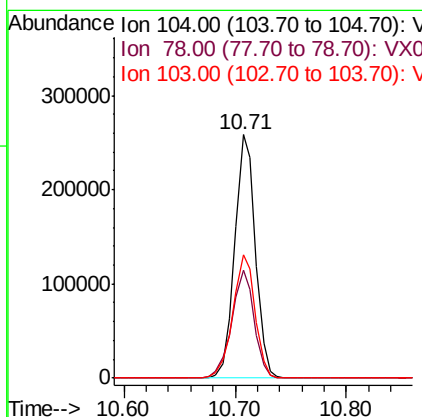
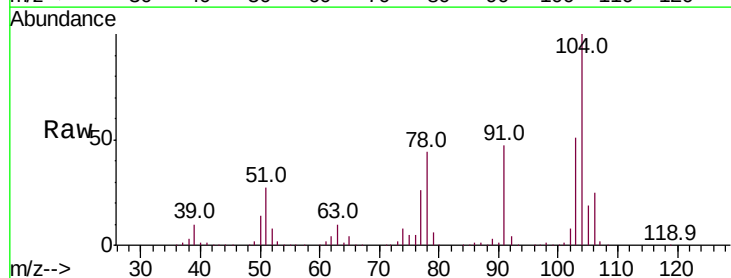
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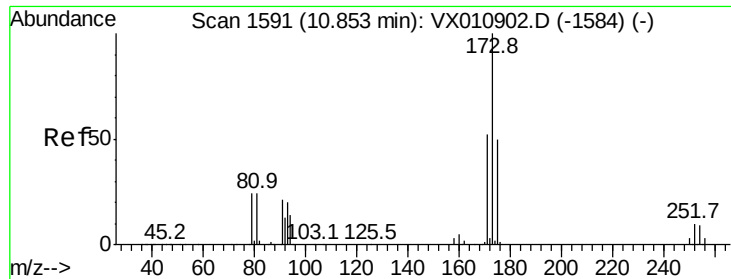
MMDadoda
7/31/2019 10:53:40 AM



#70
Styrene
Concen: 59.978 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.8	58.2
103	54.7	44.2	66.4





#71

Bromoform

Concen: 52.212 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 87034

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.6

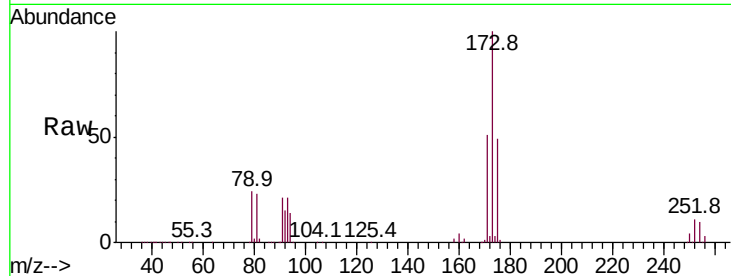
254 0.3 0.1 0.1#

Manual Integrations

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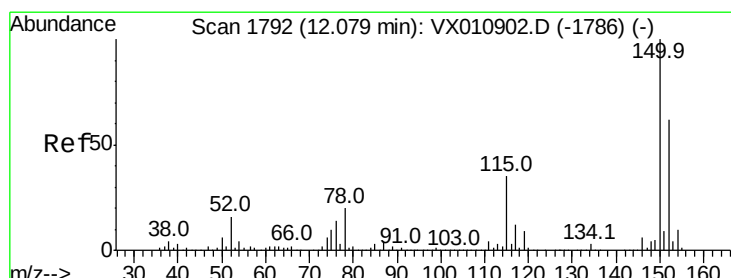
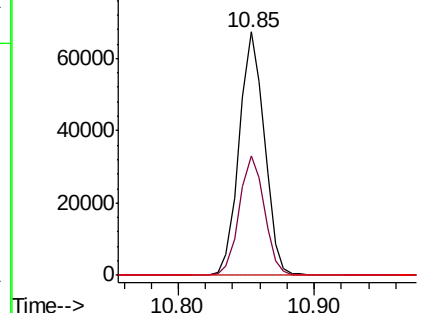
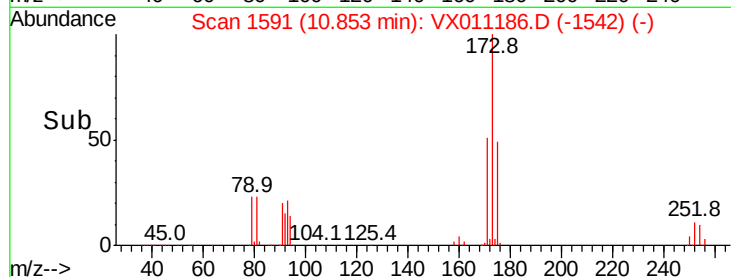
7/31/2019 10:53:40 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

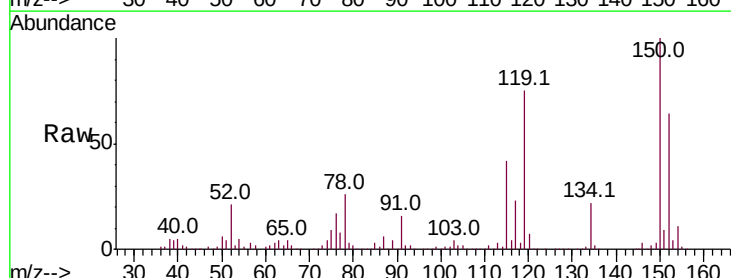
Tgt Ion:152 Resp: 143048

Ion Ratio Lower Upper

152 100

115 82.6 39.7 119.1

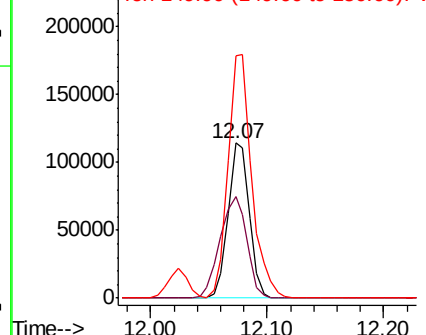
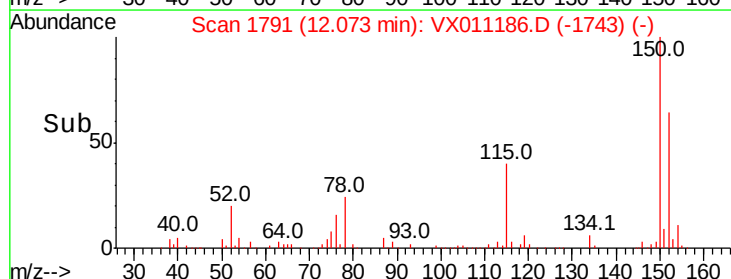
150 175.4 0.0 345.6

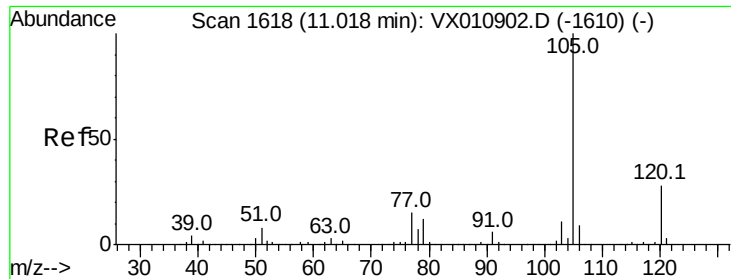


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.858 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 520576

Ion Ratio Lower Upper

105 100

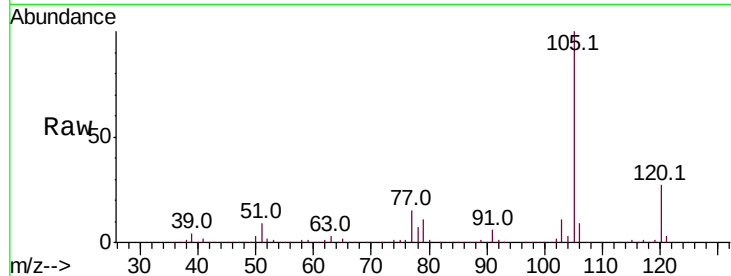
120 26.8 13.7 41.1

Manual Integrations

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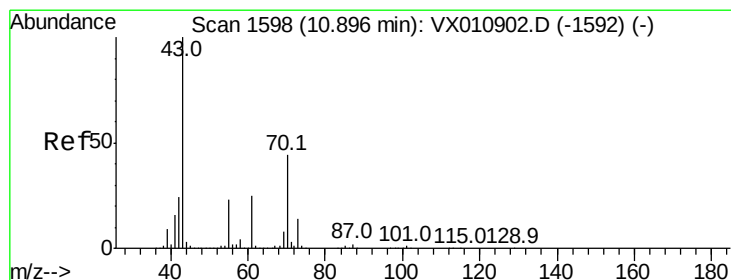
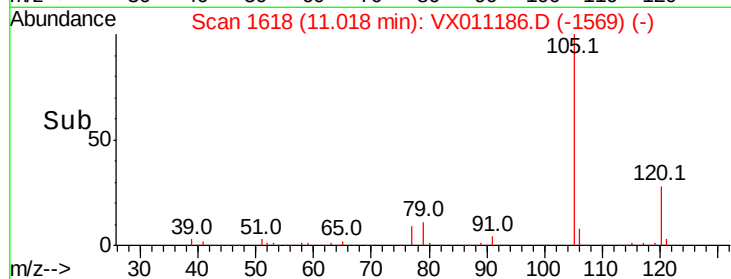
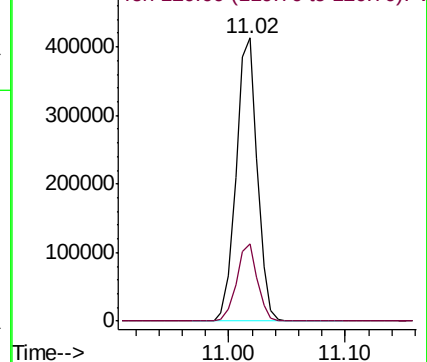
MMDadoda

7/31/2019 10:53:40 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.273 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion: 43 Resp: 196747

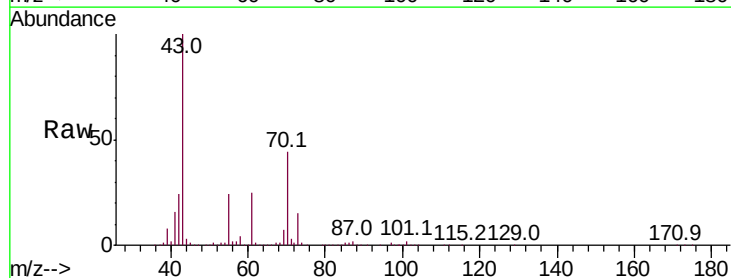
Ion Ratio Lower Upper

43 100

70 43.8 34.7 52.1

55 24.1 19.1 28.7

61 24.3 19.9 29.9

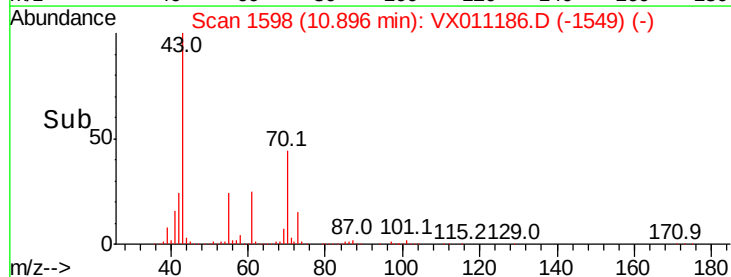
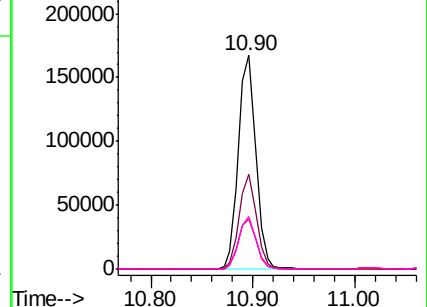


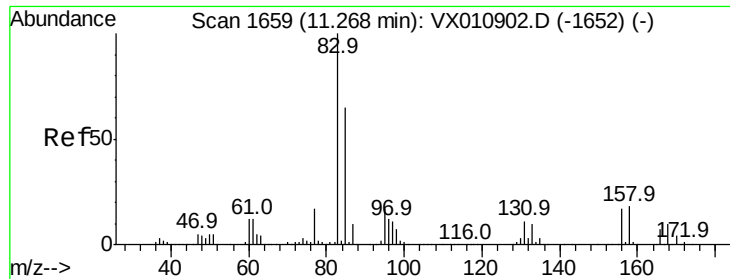
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.092 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 167938

Ion Ratio Lower Upper

83 100

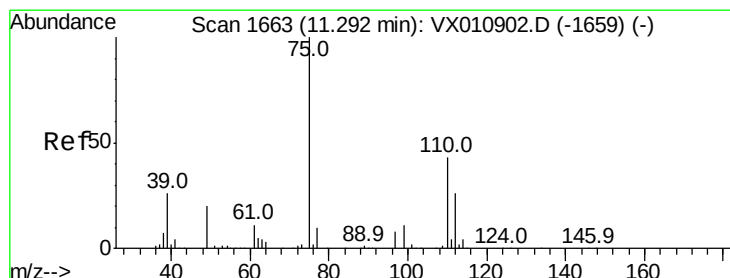
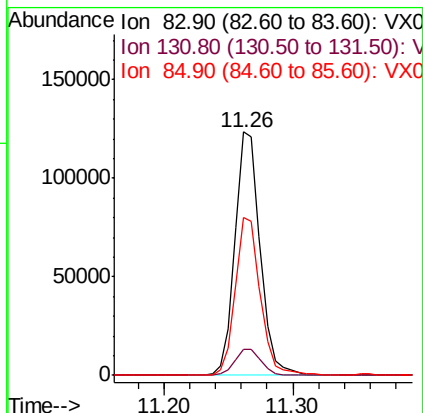
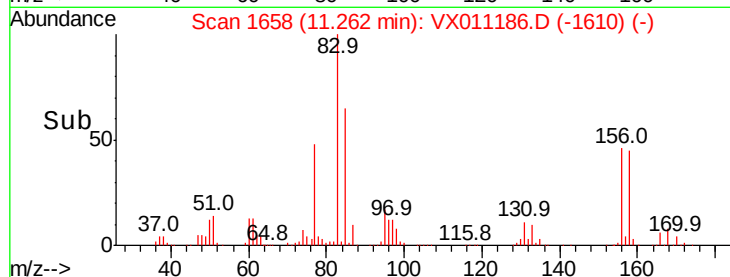
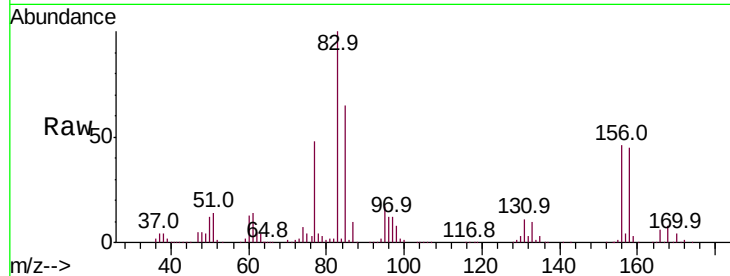
131 11.2 5.5 16.4

85 64.4 32.3 96.9

Manual Integrations
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7/31/2019 10:53:40 AM



#76

1,2,3-Trichloropropane

Concen: 54.348 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011186.D

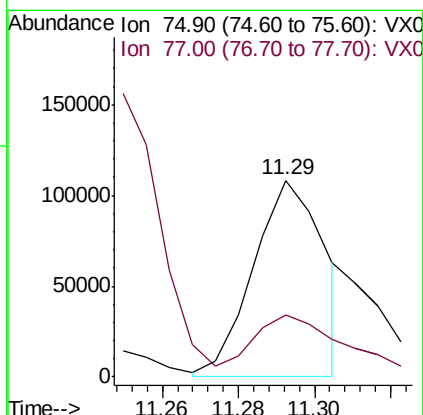
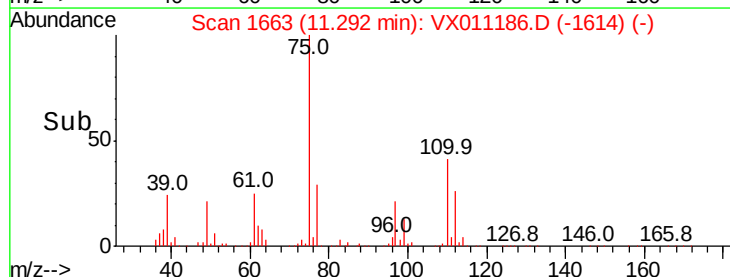
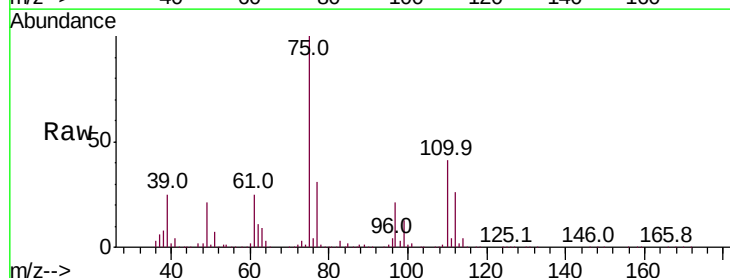
Acq: 30 Jul 2019 11:20

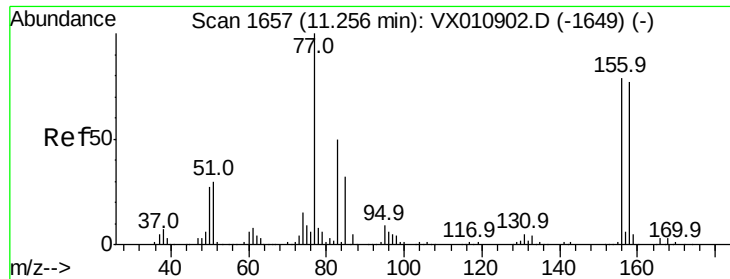
Tgt Ion: 75 Resp: 140292

Ion Ratio Lower Upper

75 100

77 41.3 21.3 64.0





#77

Bromobenzene

Concen: 53.181 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

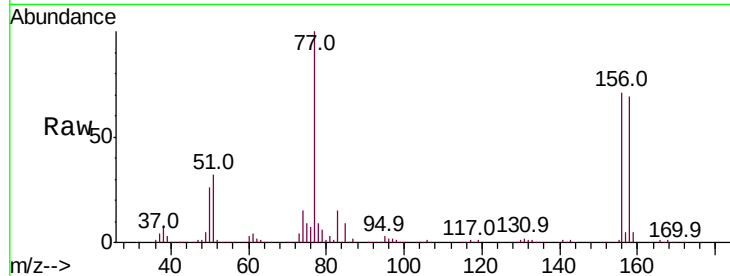
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.9	68.7	206.1
158	96.5	47.9	143.7

Manual Integrations
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7/31/2019 10:53:40 AM

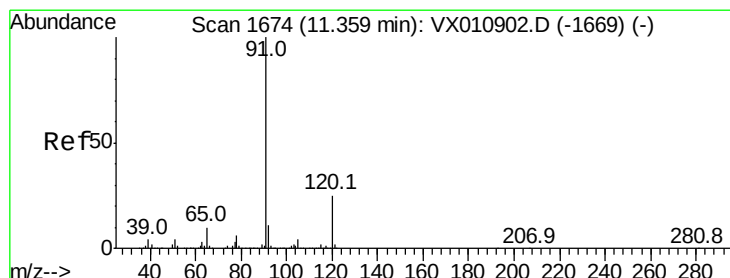
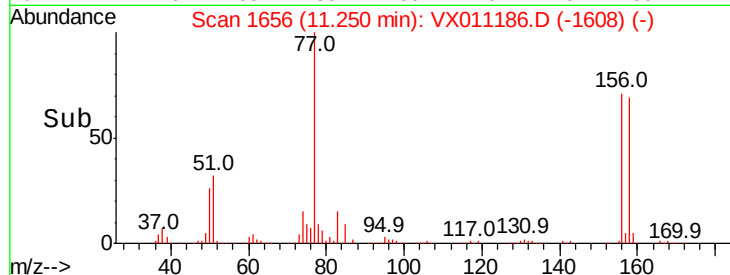
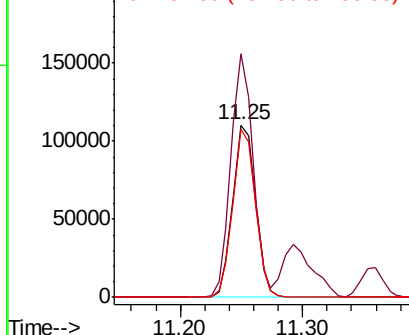


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.602 ug/l

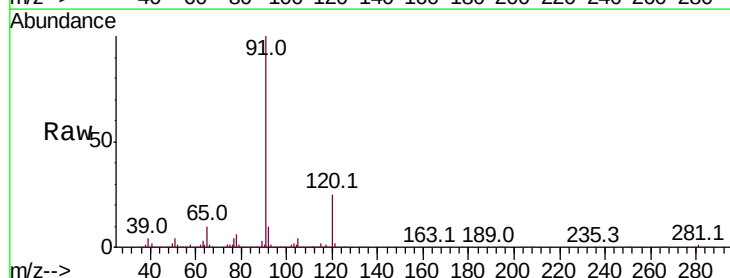
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

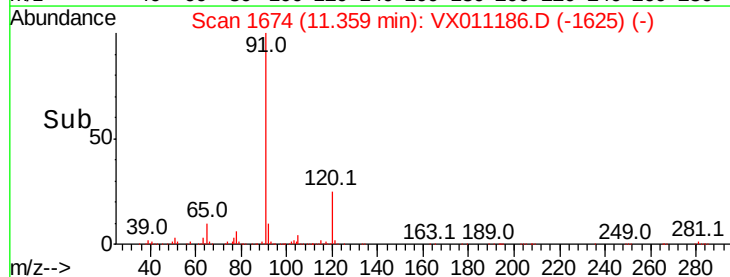
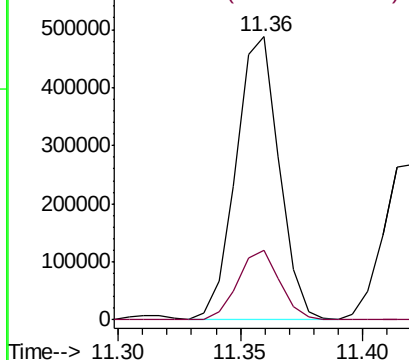
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.3	36.8

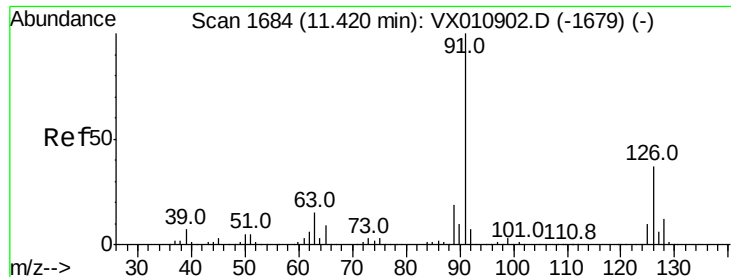


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





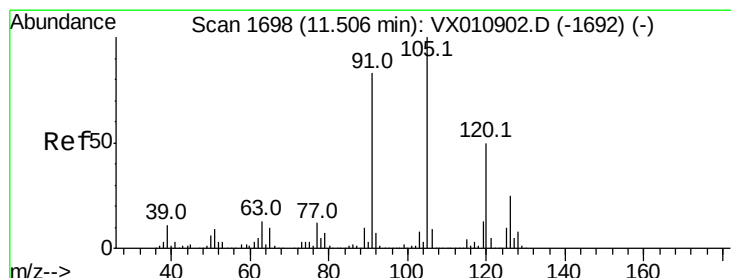
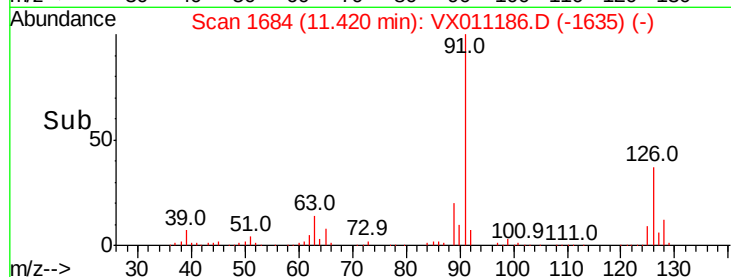
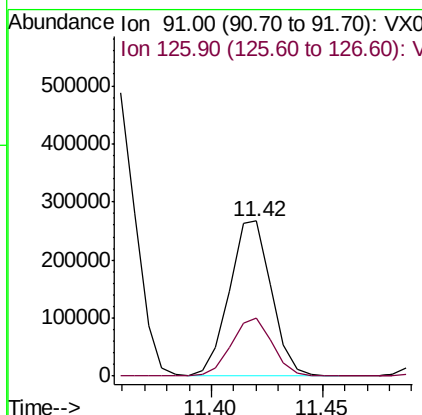
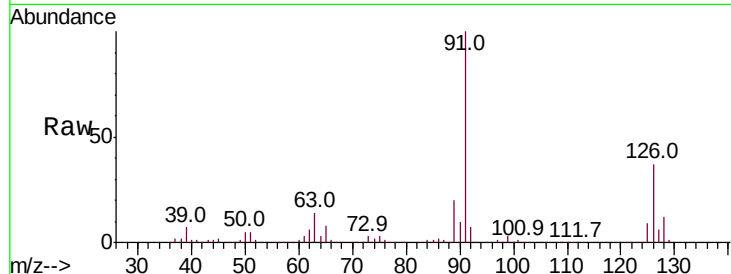
#79
 2-Chlorotoluene
 Concen: 54.332 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion: 91 Resp: 348573
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.0 54.0

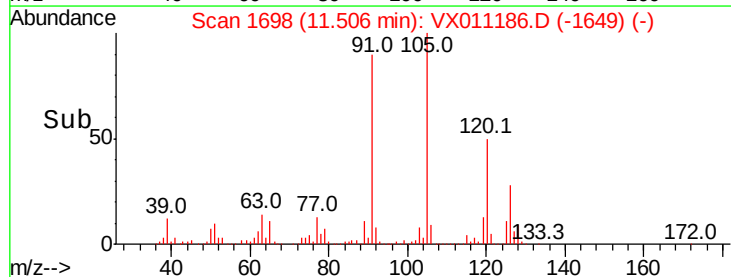
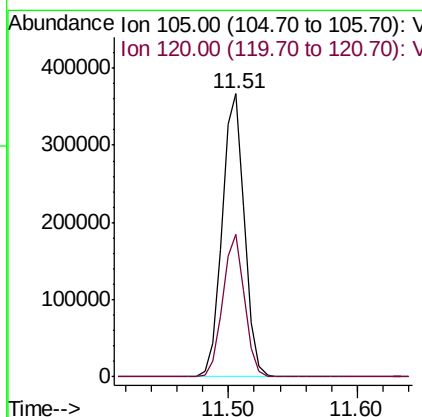
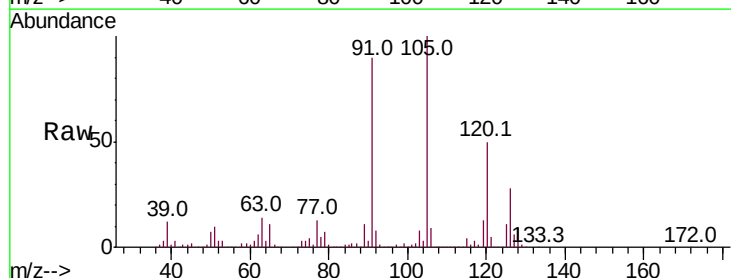
Manual Integrations
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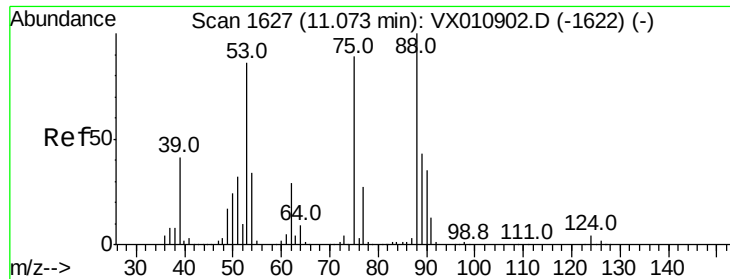
MMDadoda
 7/31/2019 10:53:40 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 55.144 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion: 105 Resp: 445383
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.8





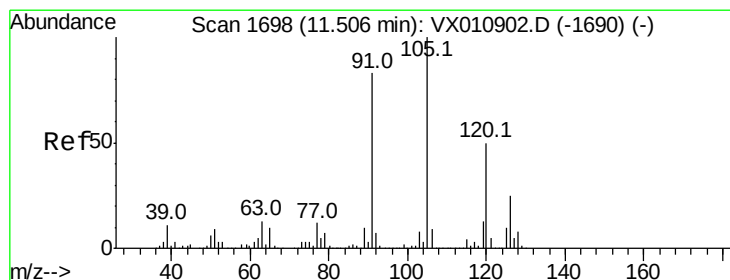
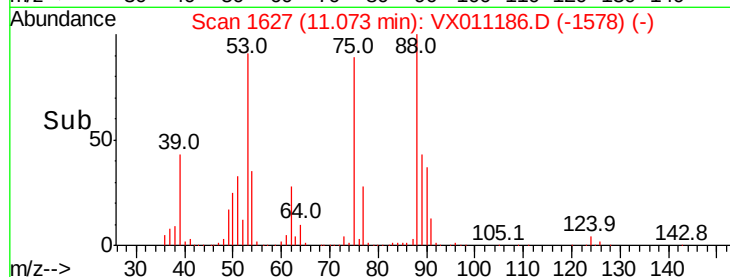
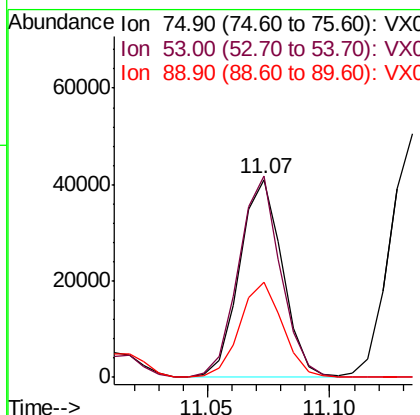
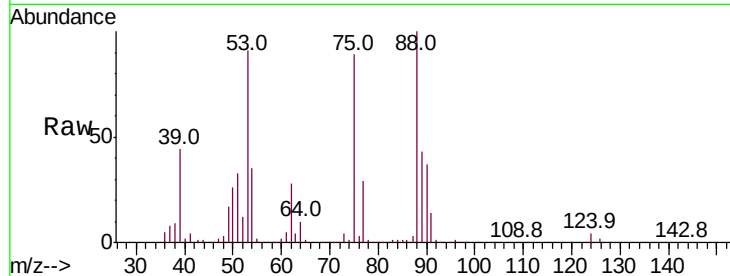
#81
trans-1,4-Dichloro-2-butene
Concen: 48.787 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	76.7	115.1
89	48.0	38.5	57.7

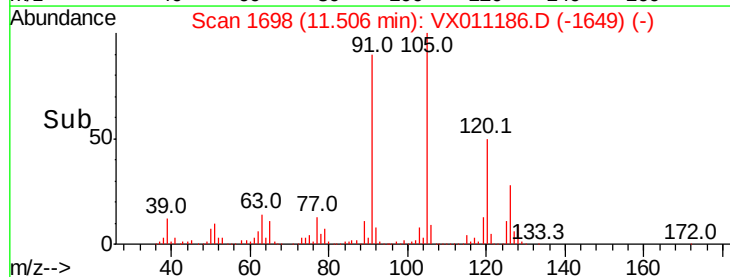
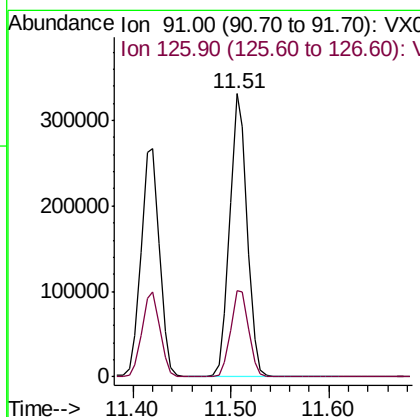
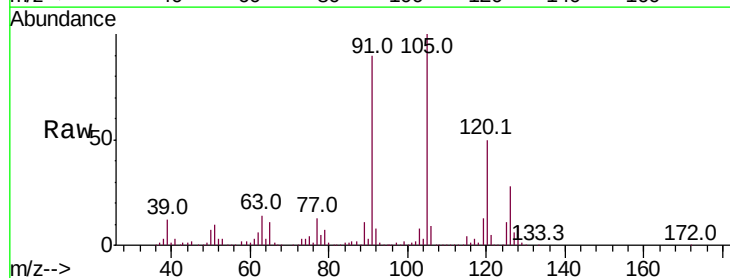
Manual Integrations
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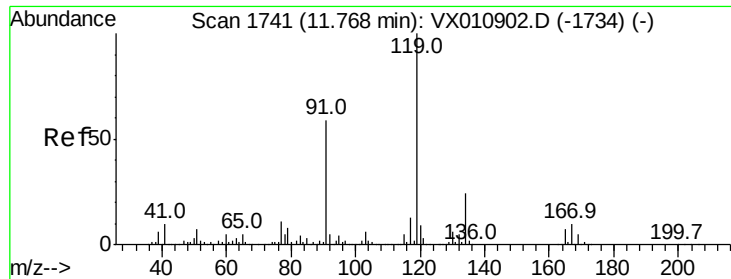
MMDadoda
7/31/2019 10:53:40 AM



#82
4-Chlorotoluene
Concen: 54.793 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.7





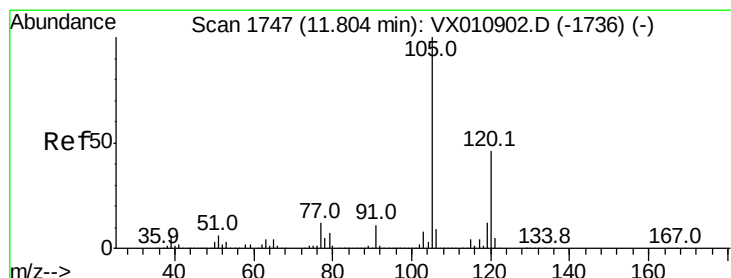
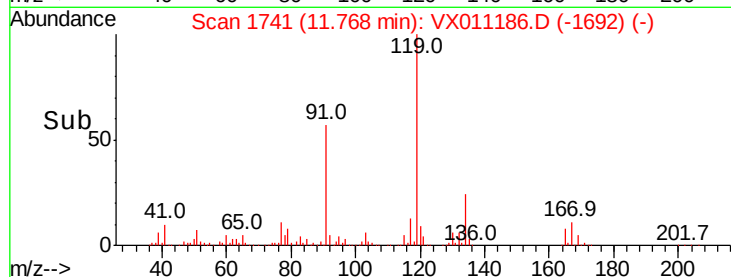
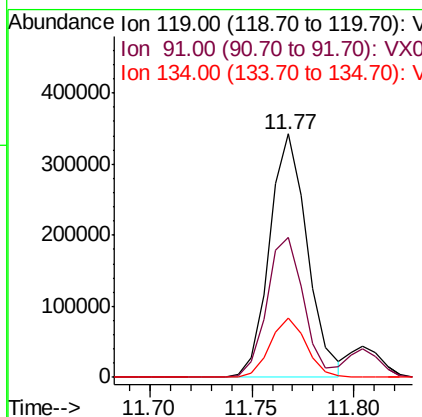
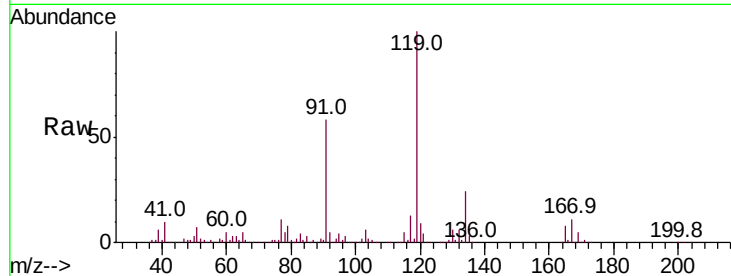
#83
tert-Butylbenzene
Concen: 55.681 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	441738		
91	56.9	28.6	85.8	
134	23.3	11.6	34.8	

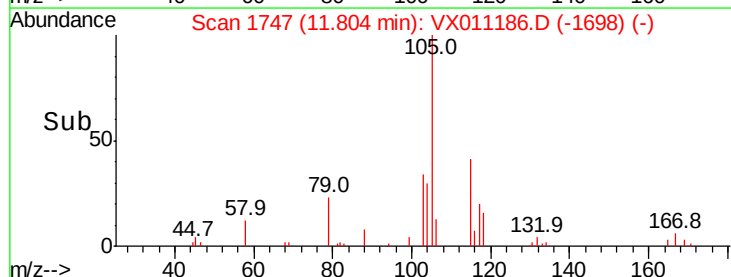
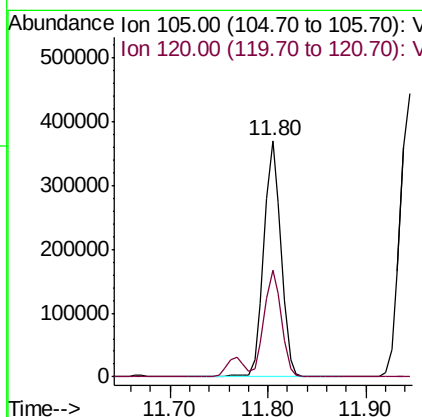
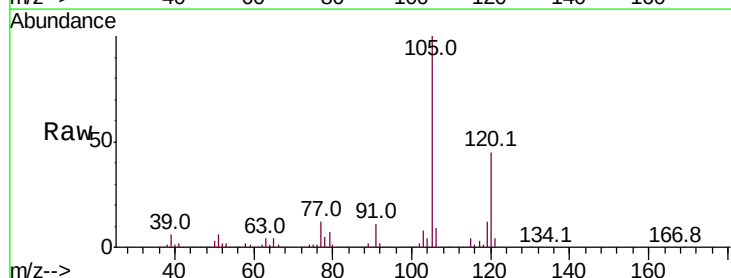
Manual Integrations
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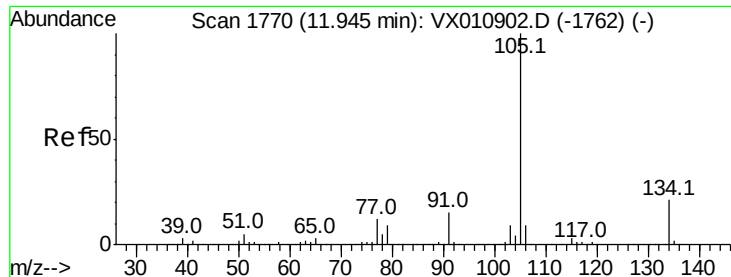
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 55.223 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	449545		
120	45.7	22.9	68.5	





#85

sec-Butylbenzene

Concen: 57.148 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 531236

Ion Ratio Lower Upper

105 100

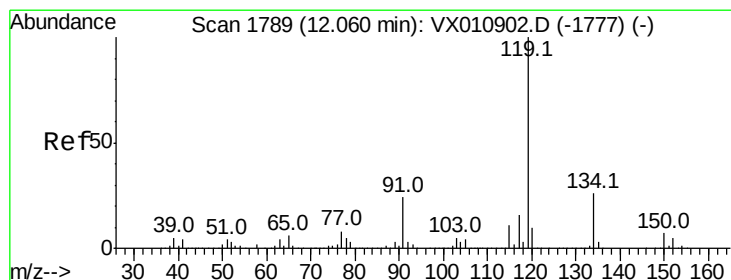
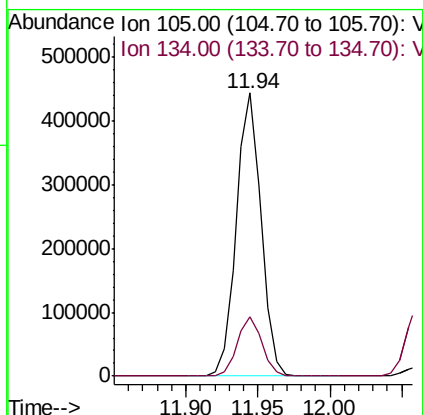
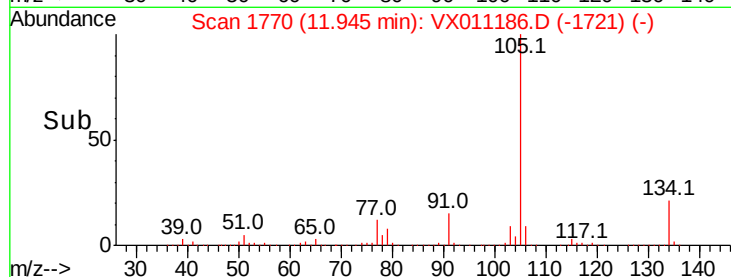
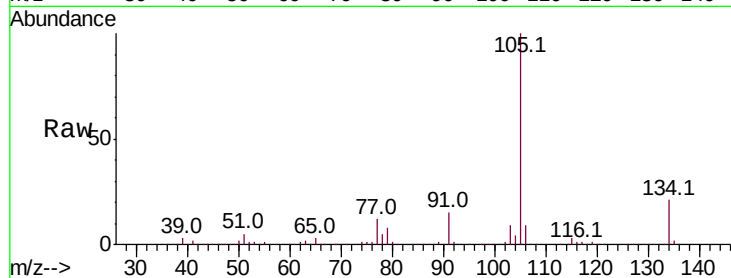
134 20.9 10.4 31.4

Manual Integrations

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MMDadoda

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#86

p-Isopropyltoluene

Concen: 57.497 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

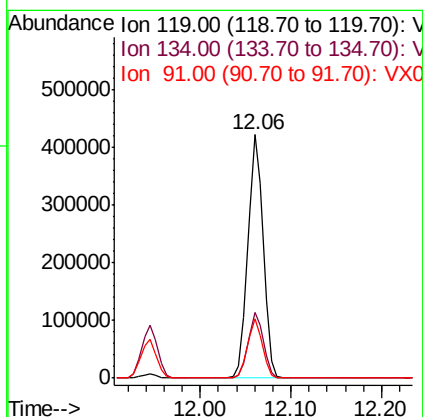
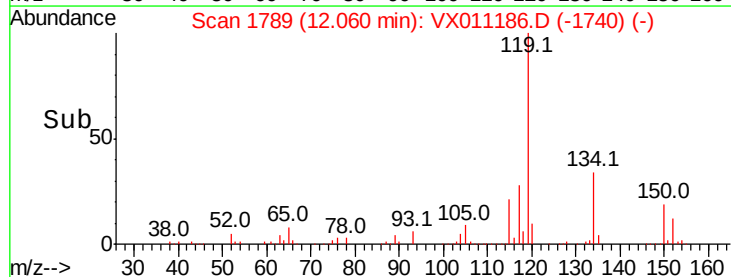
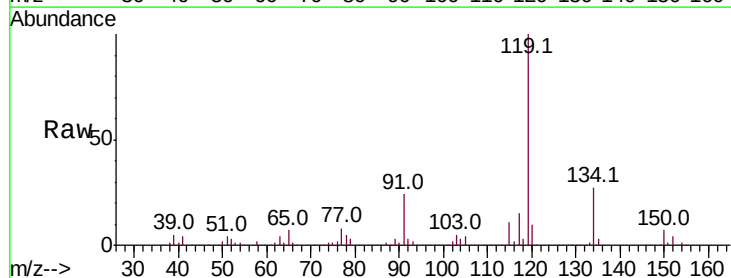
Tgt Ion:119 Resp: 494128

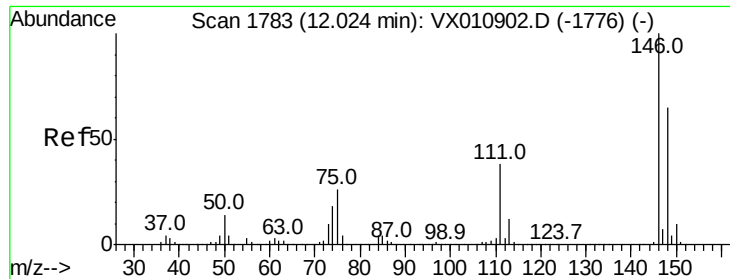
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.7 11.8 35.4





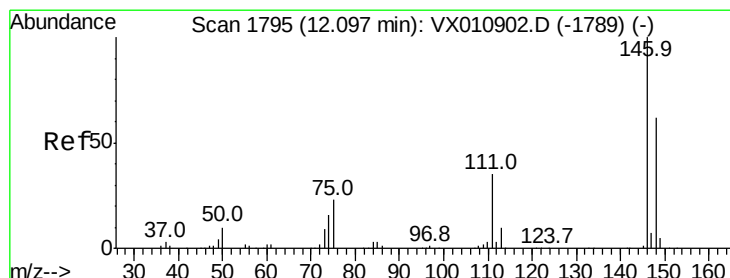
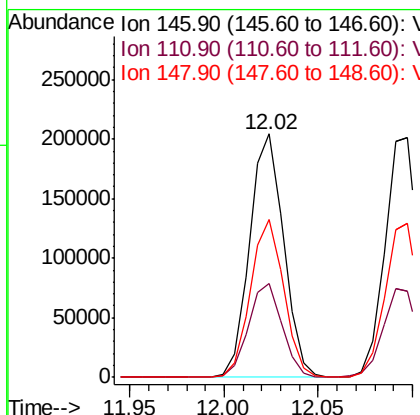
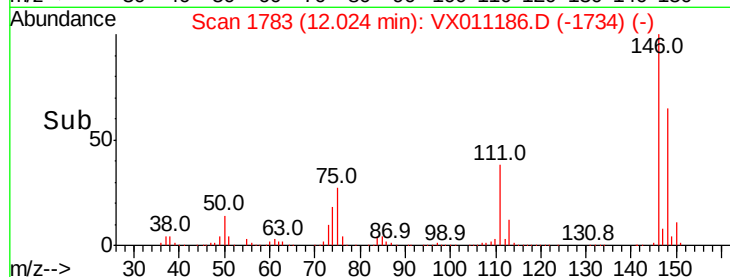
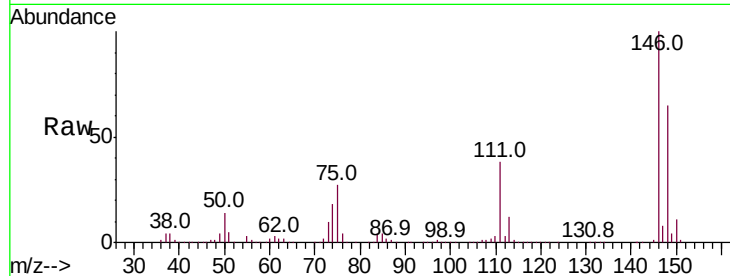
#87
 1,3-Dichlorobenzene
 Concen: 55.301 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	63.6	32.2	96.6

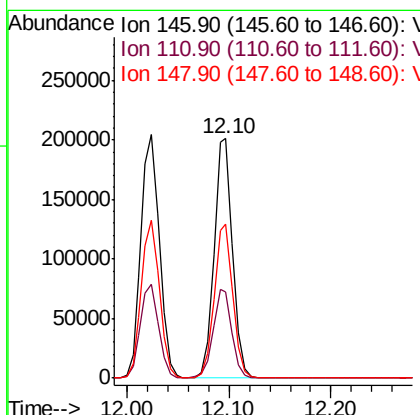
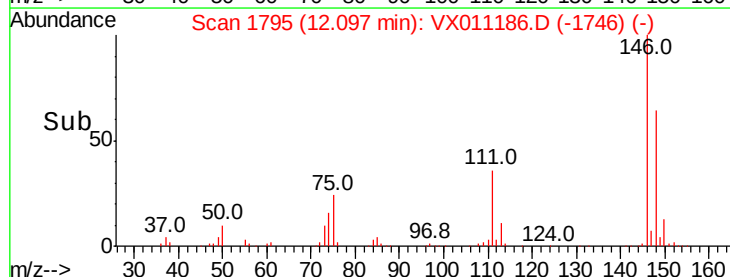
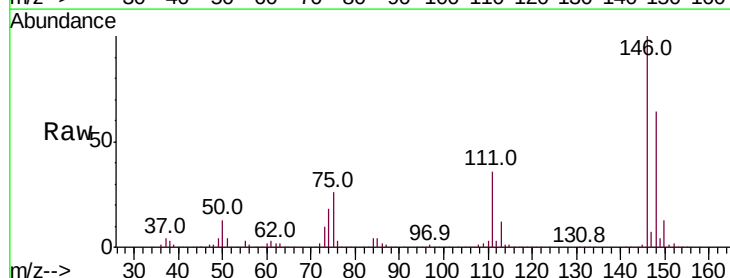
Manual Integrations
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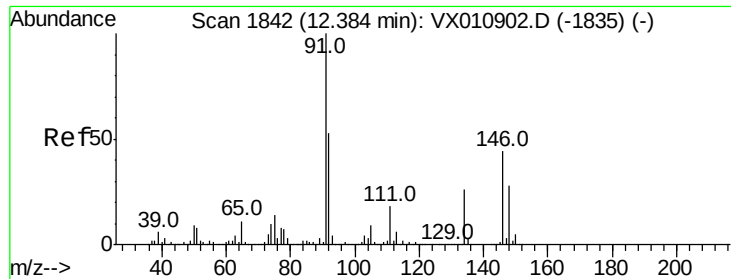
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 7/31/2019 10:53:40 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.966 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.7	31.6	94.7





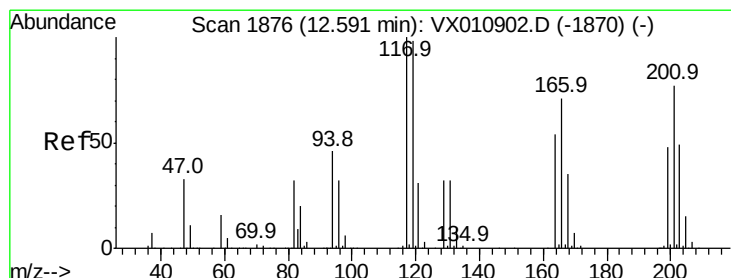
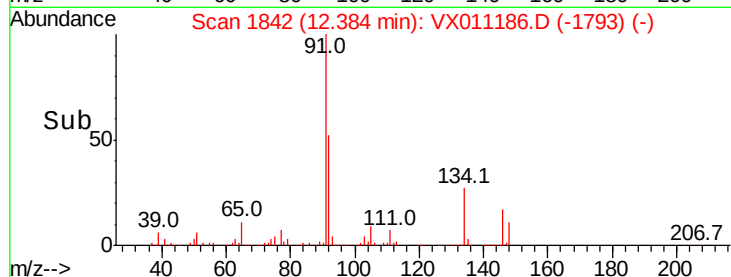
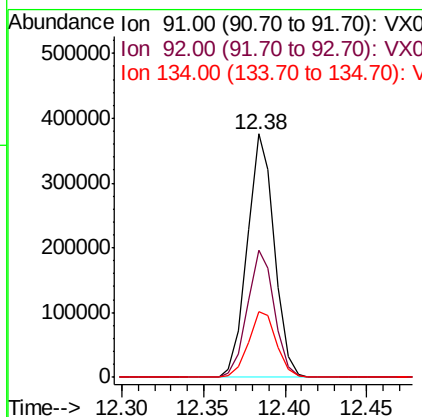
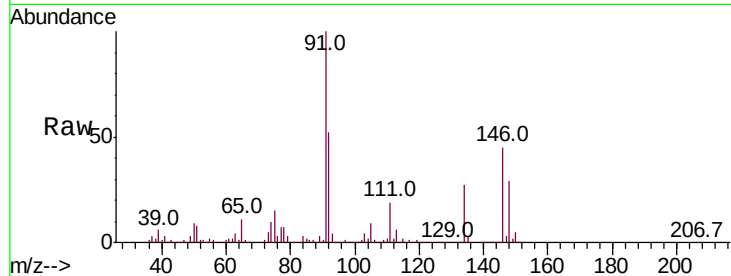
#89
n-Butylbenzene
Concen: 59.094 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	27.7	13.8	41.3

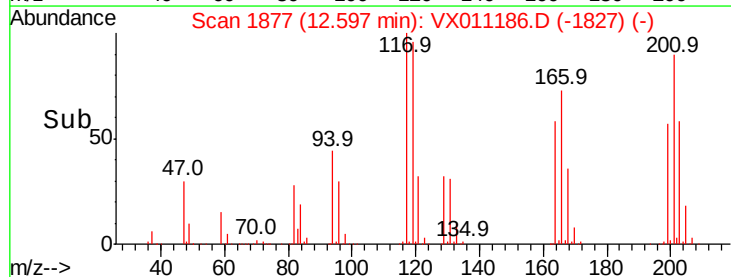
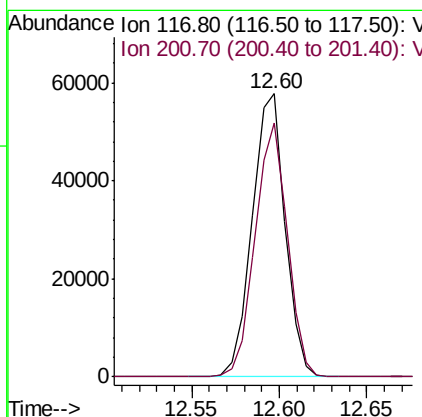
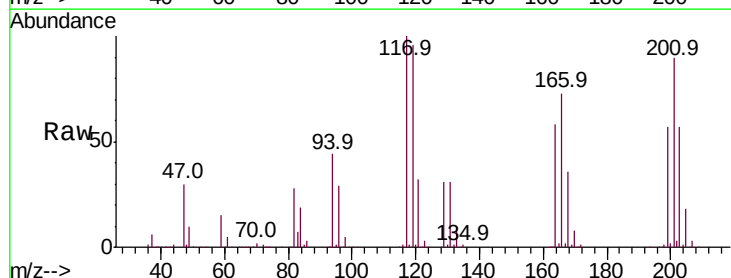
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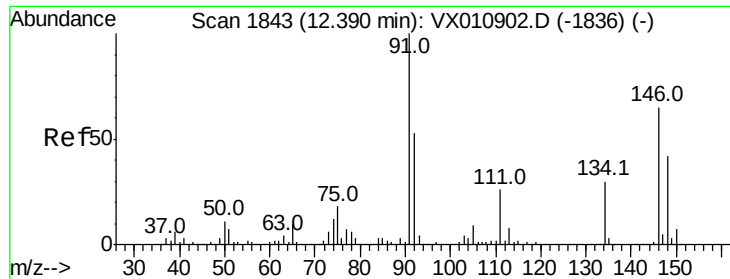
MMDadoda
7/31/2019 10:53:40 AM



#90
Hexachloroethane
Concen: 55.721 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 55.246 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050

Tot Ion:146 Resp: 253335

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

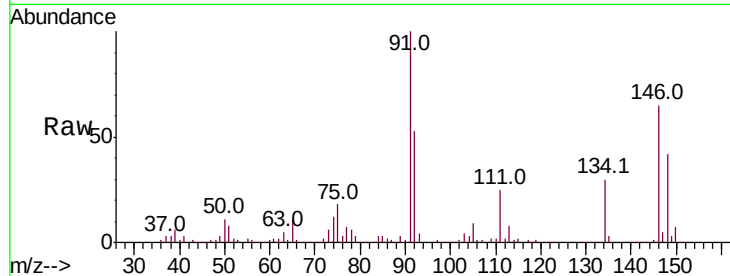
148 64.3 32.0 96.2

Manual Integrations

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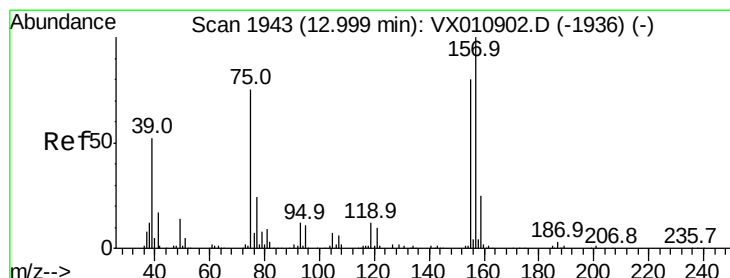
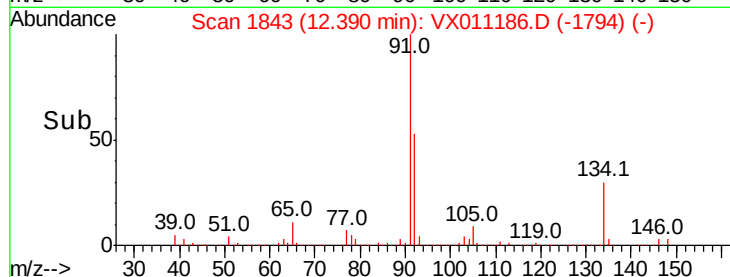
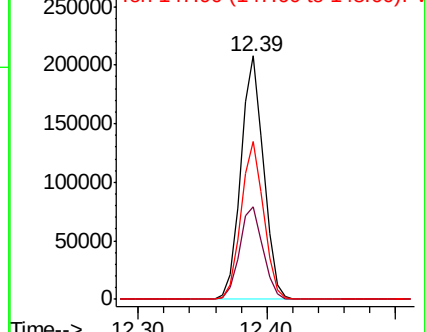


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.703 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

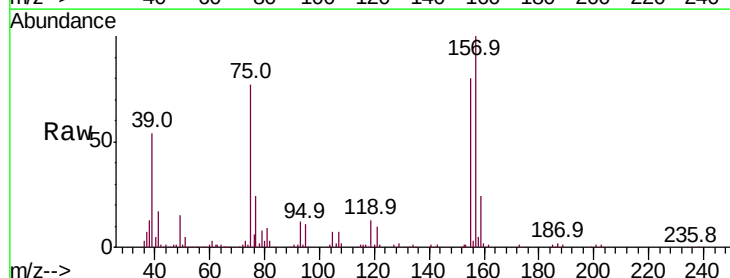
Tgt Ion: 75 Resp: 34847

Ion Ratio Lower Upper

75 100

155 97.1 48.7 146.1

157 124.1 62.5 187.6

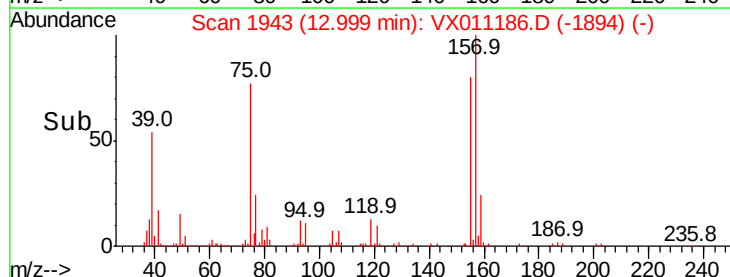
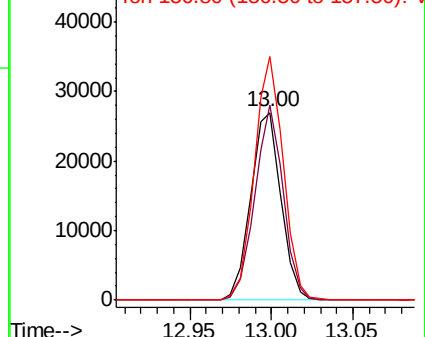


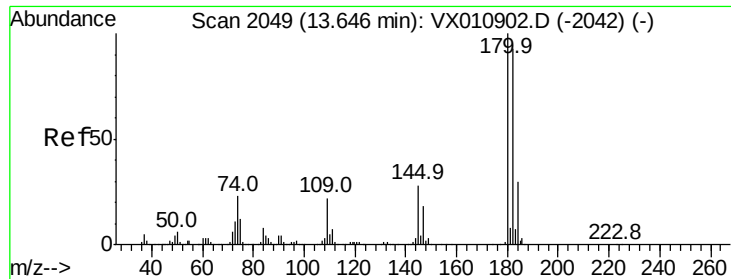
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





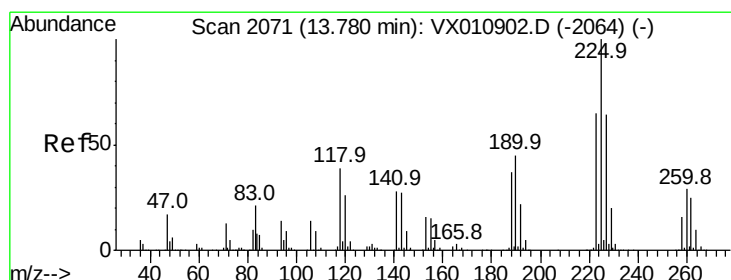
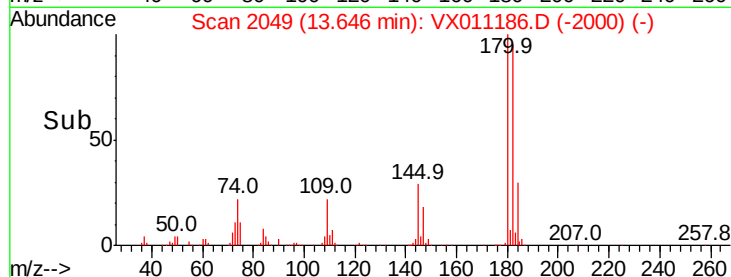
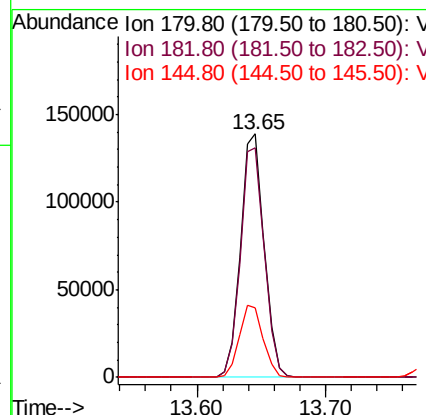
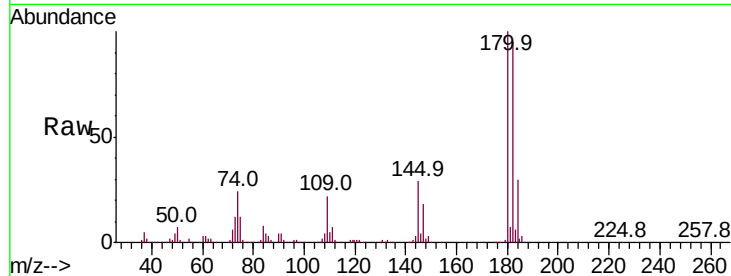
#93
 1,2,4-Trichlorobenzene
 Concen: 56.862 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	176708		
182	95.6	47.1	141.3	
145	30.0	14.8	44.4	

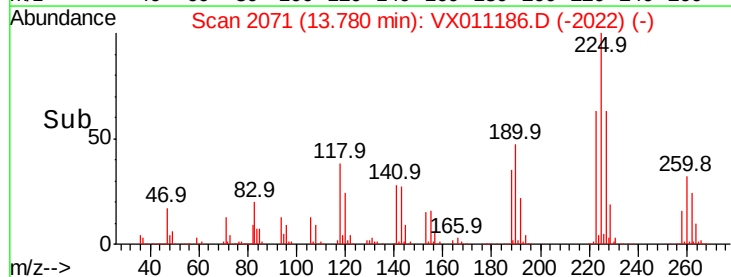
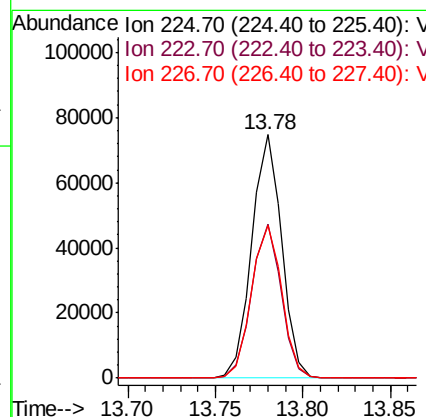
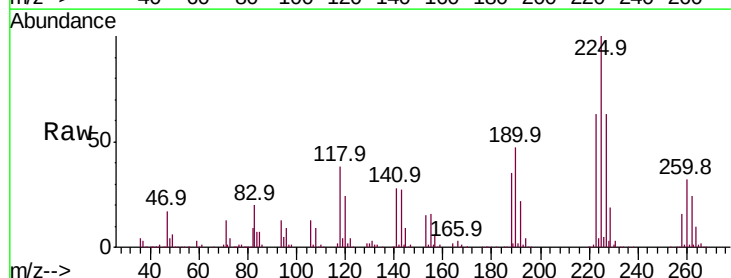
Manual Integrations
 APPROVED

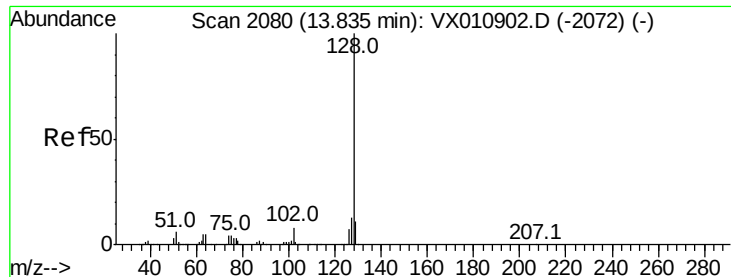
MMDadoda
 7/31/2019 10:53:40 AM



#94
 Hexachlorobutadiene
 Concen: 57.991 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89308		
223	62.6	31.9	95.9	
227	63.6	32.5	97.4	





#95

Naphthalene

Concen: 57.811 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

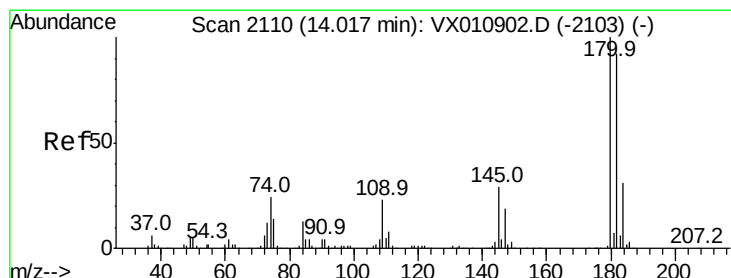
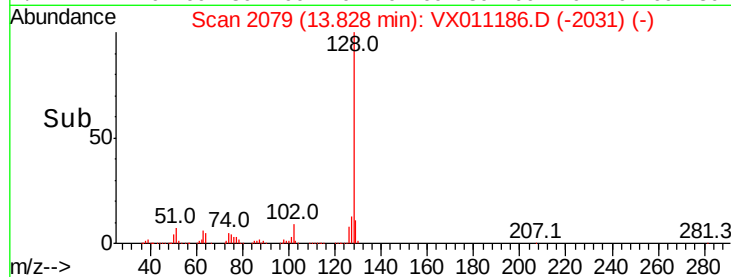
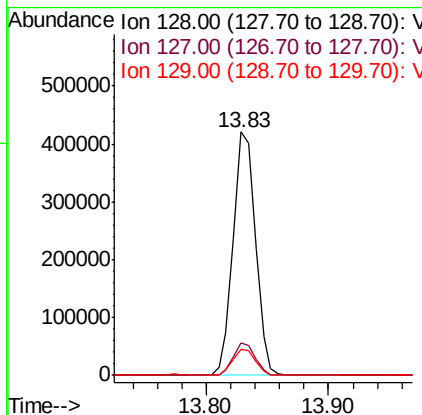
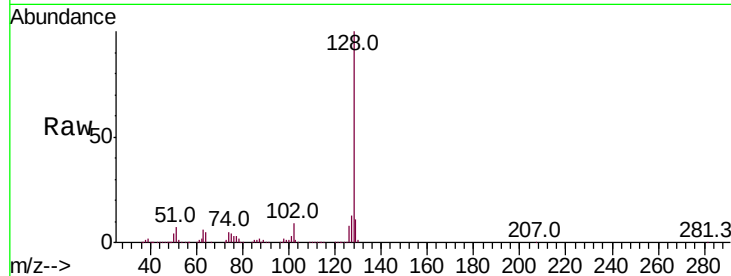
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	530518
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/31/2019 10:53:40 AM



#96

1,2,3-Trichlorobenzene

Concen: 57.006 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion:	180	Resp:	176270
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.4	142.3
145	31.7	15.1	45.3

